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CNAS L0446



Certificate # 2861.01

GRGTEST®

Page 1 of 66

Test Report

Verified code: 124095

Report No.: E20210914342601-2

Customer: Lumi United Technology Co., Ltd.

Address: 8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen, China

Sample Name: Camera Hub G2H Pro

Sample Model: CH-C01

Receive Sample Date: Sep.15,2021

Test Date: Sep.16,2021 ~ Oct.12,2021

Reference Document: ETSI EN 300 328 V2.2.2 (2019-07)Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum

Test Result: Pass

Prepared By: *Wen Wen*

Reviewed By: *Jiang Tao*

Approved By: *John*

GUANGZHOU GRG METROLOGY & TEST CO., LTD

Issued Date: 2021-10-29

GUANGZHOU GRG METROLOGY & TEST CO., LTD

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1 TEST RESULT SUMMARY

Test Item	Test mode	Test Requirement	Test Method	Class / Severity	Test Result
1. Transmitter Part					
RF Output Power	TX mode	EN300 328 V2.2.2/4.3.2.2	EN300 328 V2.2.2/5.4.2.2.1	Meet requirements: EN300 328 V2.2.2/4.3.2.2	PASS
Power Spectral Density	TX mode	EN300 328 V2.2.2/4.3.2.3	EN300 328 V2.2.2/5.4.3.2.1	Meet requirements: EN300 328 V2.2.2/4.3.2.3	PASS
Duty Cycle, Tx-sequence, Tx-gap	TX mode	EN300 328 V2.2.2/4.3.2.4	EN300 328 V2.2.2/5.4.2.2.1	Meet requirements: EN300 328 V2.2.2/4.3.2.4	N/A
Medium Utilisation (MU) factor	TX mode	EN300 328 V2.2.2/4.3.2.5	EN300 328 V2.2.2/5.4.2.2	Meet requirements: EN300 328 V2.2.2/4.3.2.5	N/A
Adaptivity	TX mode	EN300 328 V2.2.2/4.3.2.6	EN300 328 V2.2.2/5.4.6.2.1	Meet requirements: EN300 328 V2.2.2/4.3.2.6	PASS
Occupied Channel Bandwidth	TX mode	EN300 328 V2.2.2/4.3.2.7	EN300 328 V2.2.2/5.4.7.2.1	Meet requirements: EN300 328 V2.2.2/4.3.2.7	PASS
Transmitter unwanted emissions in the out-of-band domain	TX mode	EN300 328 V2.2.2/4.3.2.8	EN300 328 V2.2.2/5.4.8.2.1	Meet requirements: EN300 328 V2.2.2/4.3.2.8	PASS
Transmitter unwanted emissions in the spurious domain	TX mode	EN300 328 V2.2.2/4.3.2.9	EN300 328 V2.2.2/5.4.9.2.2	Meet requirements: EN300 328 V2.2.2/4.3.2.9	PASS
2. Receiver Part					
Receiver spurious emissions	RX mode	EN300 328 V2.2.2/4.3.2.10	EN300 328 V2.2.2/5.4.10.2.2	Meet requirements: EN300 328 V2.2.2/4.3.2.10	PASS
Receiver Blocking	RX mode	EN300 328 V2.2.2/4.3.2.11	EN300 328 V2.2.2/5.4.11.2.1	Meet requirements: EN300 328 V2.2.2/4.3.2.11	PASS

Note: N/A = Not Applicable

2 GENERAL DESCRIPTION OF EUT


2.1 APPLICANT INFORMATION

Name: Lumi United Technology Co., Ltd.
Address: 8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave,
Taoyuan Residential District, Nanshan District, Shenzhen, China

2.2 MANUFACTURER

Name: Lumi United Technology Co., Ltd.
Address: 8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave,
Taoyuan Residential District, Nanshan District, Shenzhen, China

2.3 BASIC DESCRIPTION OF EUT

Product Name: Camera Hub G2H Pro
Product Model: CH-C01
Adding Model: /
Trade Name: Aqara
Power Supply: Input: 5V  1A
Frequency Band: 2412MHz-2472MHz for 802.11b/g/n HT20
Modulation Type: DSSS for 802.11b mode;
OFDM for 802.11g mode;
OFDM for 802.11n mode.
Antenna Specification: Internal antenna with 1.5dBi gain (Max.)
Temperature Range: -10°C~40°C
Hardware Version: X1
Software Version: V1.0.3_0006.0004
Sample submitting way: Provided by customer Sampling
Sample No: E20210914342601-0004, E20210914342601-0008
Note: /

2.4 TEST MODE

Mode No.	Description of the modes
1	2.4G Wi-Fi TX mode
2	2.4G Wi-Fi RX mode
3	Normal 2.4G Wi-Fi mode

2.5 DESCRIPTION OF ADAPTIVE EQUIPMENT

The type of the equipment	<input type="checkbox"/> FHSS	<input checked="" type="checkbox"/> other forms of modulation	<input type="checkbox"/> Non-FHSS	
Adaptive / non-adaptive equipment	<input type="checkbox"/> Non-adaptive Equipment	<input checked="" type="checkbox"/> adaptive Equipment without the possibility to switch to a non-adaptive mode	<input type="checkbox"/> adaptive Equipment which can also operate in a non-adaptive mode	
The equipment has an implemented	<input type="checkbox"/> Frame Based equipment	<input checked="" type="checkbox"/> Load Based equipment	<input type="checkbox"/> non-LBT based DAA mechanism	<input type="checkbox"/> other
Device Class	<input checked="" type="checkbox"/> Wi-Fi	<input type="checkbox"/> BT 2.1/3.0	<input checked="" type="checkbox"/> BT 4.0	<input type="checkbox"/> BT 5.0
Wi-Fi Channel Bandwidth	<input checked="" type="checkbox"/> 20MHz	<input type="checkbox"/> 40MHz	<input type="checkbox"/> 80MHz	<input type="checkbox"/> 160MHz
Antenna Gain	<input checked="" type="checkbox"/> Antenna1 1.5dBi	<input type="checkbox"/> Antenna 2 dBi	<input type="checkbox"/> Antenna 3 dBi	<input type="checkbox"/> Antenna 4 dBi
Beamforming Gain	<input type="checkbox"/> Yes, dBi	<input checked="" type="checkbox"/> No		
Extreme operating conditions	<input checked="" type="checkbox"/> Operating temperature range:	<input checked="" type="checkbox"/> Min -10°C	<input checked="" type="checkbox"/> Max 40°C	
Blocking	<input checked="" type="checkbox"/> PER	<input type="checkbox"/> The manufacturer may declare alternative performance criteria		
Geo-location capability supported by the equipment	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		

The maximum RF output power is 17.17dBm, so the EUT is Receiver Category 1 equipment.

3 LABORATORY AND ACCREDITATIONS

3.1 LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of Guangzhou GRG Metrology & Test Co., Ltd.

Add.: No.1301 Guangang Road Xinlan Community, Guanlan Street, Longhua District Shenzhen, 518110, People's Republic of China.
 P.C.: 518000
 Tel : 0755-61180008
 Fax: 0755-61180008

3.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

USA A2LA(Certificate#:2861.01)

China CNAS(L0446)

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada ISED (Company Number: 24897, CAB identifier:CN0069)

USA FCC (Registration Number: 759402, Designation Number:CN1198)

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.grgtest.com>

3.3 MEASUREMENTS UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in ETSI EN TR 100 028-1 (i.15) and ETSI EN 100 028-2 (i 8):

Measurement		Frequency	Uncertainty
Radiated Emission	Horizontal	30MHz~1000MHz	4.3dB
		1GHz~18GHz	5.6dB
	Vertical	30MHz~1000MHz	4.3dB
		1GHz~18GHz	5.6dB

Measurement	Uncertainty
RF frequency	6.0×10^{-6}
RF power conducted	0.78 dB
Occupied channel bandwidth	0.4 dB
Unwanted emission, conducted	0.68 dB
Humidity	6 %
Temperature	2°C

This uncertainty represents an expanded uncertainty factor of $k=2$.

4 EQUIPMENT AND TOOLS USED DURING TEST

4.1 TEST EQUIPMENT AND TOOLS

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Maximum transmit power & Maximum e.i.r.p. spectral density & occupied channel bandwidth & Transmitter unwanted emissions in the out-of-band domain				
Simultaneous sampling DAQ	Tonscend	JS0806-2	186060020	2022-09-04
Spectrum Analyzer	Agilent	N9020A	MY50510140	2021-12-15
Temperature & humidity chamber	HOSON	HS01060SDF	201013401	2022-09-02
BT/Wi-Fi System	tonscend	Js1120-3		
Transmitter unwanted emissions in the spurious domain & Receiver spurious emissions				
EXA signal analyzer	Agilent	N9020A	MY52221469	2022-04-16
Bi-log Antenna	Schwarzbeck	VULB9163	01279	2022-02-25
Horn Antenna	Schwarzbeck	BBHA9120D (1201)	02143	2021-12-17
Amplifier	tonscend	TAP9E6343	AP20E806065	2022-06-03
Amplifier	tonscend	TAP01018048	AP20E8060075	2022-06-07
Test S/W	tonscend	JS36-RSE/2.5.1.5		
Adaptivity				
Spectrum Analyzer	Agilent	N9020A	MY50510140	2021-12-15
Vector Signal Generator	Agilent	N5182A	I00664	2022-09-04
Signal Generator	Anritsu	MG3694A	#050125	2022-04-23
BT/Wi-Fi System	tonscend	Js1120-3		
Receiver Blocking				
Vector Signal Generator	Agilent	N5182A	MY50142870	2022-09-04
Wideband radio Communication Tester	R&S	CMW500	144611-nC	2022-06-10
BT/Wi-Fi System	tonscend	Js1120-3		

4.2 LOCAL SUPPORTIVE INSTRUMENTS

Name of Equipment	Manufacturer	Model	Serial Number	Note
Notebook	LENOVO	TianYi 310-14ISK	MP18DLC6	/
/	/	/	/	/
Cable				
/	/	/	/	/

Note: ⁽¹⁾ The notebook is just used to produce fixed frequency transmitting.

4.3 TEST SOFTWARE

Software version
QCOM_V1.0

Mode	Date Rate	Frequency (MHz)	Power Setting
802.11b	1M	2412	17
		2437	17
		2462	17
802.11g	6M	2412	16
		2437	16
		2462	16
802.11n HT20	MCS0	2412	16
		2437	16
		2462	16

5 RADIO TECHNICAL REQUIREMENT SPECIFICATION

5.1 RF OUTPUT POWER

Test Requirement: EN300 328 V2.2.2

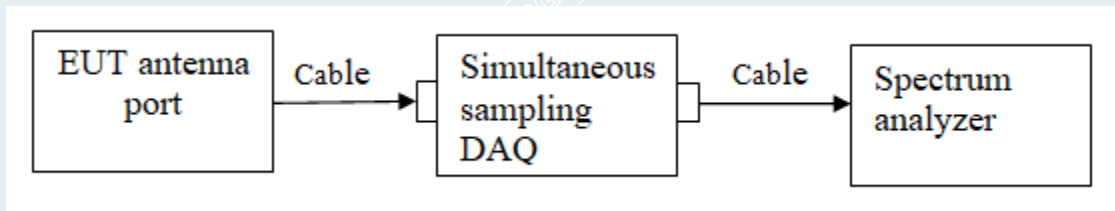
Test Method: EN300 328 V2.2.2

5.1.1 LIMIT

The RF output power for non-FHSS equipment shall be equal to or less than 20 dBm.

5.1.2 TEST CONFIGURATION

Conducted measurement:



5.1.3 TEST PROCEDURES

Test procedure: Test procedure is according to EN 300 328 V2.2.2

Test channel: 2412MHz, 2442MHz, 2472MHz for 802.11b/g/n HT20

Test condition: Normal and extreme test conditions.

Test condition	Temperature(°C)
Normal condition	23.4°C
Extreme condition	Minimum Temperature: -10°C
	Maximum Temperature: 40°C

Remark: /

5.1.4 TEST RESULTS

Test Date (yy-mm-dd): 2021-09-26

Test environment: Normal condition: Temp: 23.4 Humid:49%

Extreme test conditions: Minimum Temp: -10°C

Maximum Temp: 40°C

Type: 802.11b

Test content		Max. e.i.r.p. Limit(dBm)	Test Data (dBm)			Conclusion
			Conducted Power (dBm)	Antenna Gain (dBi)	e.i.r.p. (dBm)	
(1). Measurement Temperature: Normal						
Test Frequency	Lowest frequency channel 2412MHz	20	15.26	1.5	16.76	PASS
	Middle frequency channel 2442MHz	20	15.58	1.5	17.08	PASS
	Highest frequency channel 2472MHz	20	15.23	1.5	16.73	PASS
(2). Measurement Temperature: Minimum						
Test Frequency	Lowest frequency channel 2412MHz	20	15.24	1.5	16.74	PASS
	Middle frequency channel 2442MHz	20	15.67	1.5	17.17	PASS
	Highest frequency channel 2472MHz	20	14.97	1.5	16.47	PASS
(3). Measurement Temperature: Maximum						
Test Frequency	Lowest frequency channel 2412MHz	20	15.19	1.5	16.69	PASS
	Middle frequency channel 2442MHz	20	15.64	1.5	17.14	PASS
	Highest frequency channel 2472MHz	20	15.39	1.5	16.89	PASS

Type: 802.11g

Test content		Max. e.i.r.p. Limit(dBm)	Test Data (dBm)			Conclusion
			Conducted Power (dBm)	Antenna Gain (dBi)	e.i.r.p. (dBm)	
(1). Measurement Temperature: Normal						
Test Frequency	Lowest frequency channel 2412MHz	20	13.67	1.5	15.17	PASS
	Middle frequency channel 2442MHz	20	15.18	1.5	16.68	PASS
	Highest frequency channel 2472MHz	20	13.58	1.5	15.08	PASS
(2). Measurement Temperature: Minimum						
Test Frequency	Lowest frequency channel 2412MHz	20	13.82	1.5	15.32	PASS
	Middle frequency channel 2442MHz	20	15.32	1.5	16.82	PASS
	Highest frequency channel 2472MHz	20	13.72	1.5	15.22	PASS
(3). Measurement Temperature: Maximum						
Test Frequency	Lowest frequency channel 2412MHz	20	13.85	1.5	15.35	PASS
	Middle frequency channel 2442MHz	20	15.14	1.5	16.64	PASS
	Highest frequency channel 2472MHz	20	13.53	1.5	15.03	PASS

Type: 802.11n20

Test content		Max. e.i.r.p. Limit(dBm)	Test Data (dBm)			Conclusion
			Conducted Power (dBm)	Antenna Gain (dBi)	e.i.r.p. (dBm)	
(1). Measurement Temperature: Normal						
Test Frequency	Lowest frequency channel 2412MHz	20	14.38	1.5	15.88	PASS
	Middle frequency channel 2442MHz	20	14.36	1.5	15.86	PASS
	Highest frequency channel 2472MHz	20	13.25	1.5	14.75	PASS
(2). Measurement Temperature: Minimum						
Test Frequency	Lowest frequency channel 2412MHz	20	14.41	1.5	15.91	PASS
	Middle frequency channel 2442MHz	20	14.27	1.5	15.77	PASS
	Highest frequency channel 2472MHz	20	13.37	1.5	14.87	PASS
(3). Measurement Temperature: Maximum						
Test Frequency	Lowest frequency channel 2412MHz	20	14.49	1.5	15.99	PASS
	Middle frequency channel 2442MHz	20	14.36	1.5	15.86	PASS
	Highest frequency channel 2472MHz	20	13.36	1.5	14.86	PASS

5.2 POWER SPECTRAL DENSITY

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

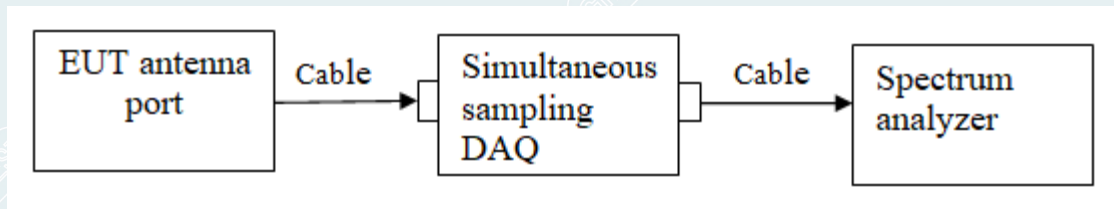
5.2.1 LIMIT

This requirement applies to all types of equipment using wide band modulations other than FHSS.

For equipment using wide band modulations other than FHSS, the maximum Power Spectral Density is limited to 10 dBm per MHz.

5.2.2 TEST CONFIGURATION

Conducted measurement:



5.2.3 TEST PROCEDURES

Test condition: Normal test conditions

Test channel: 2412MHz, 2442MHz, 2472MHz for 802.11b/g/n HT20

Test procedure: Test procedure is according to EN 300 328 V2.2.2

Remark: /

5.2.4 TEST RESULTS

Test Date (yy-mm-dd): 2021-09-26

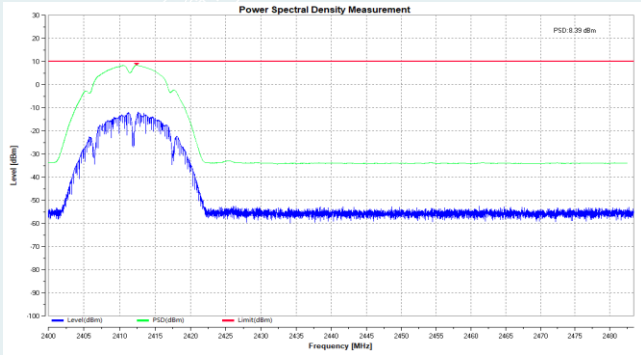
Test environment: Normal condition:

Temp: 23.4°C, Humid:49%

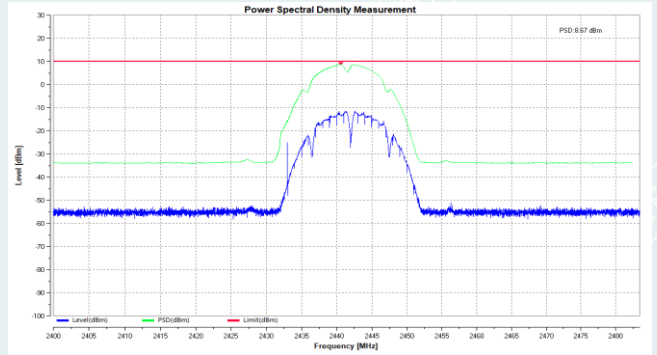
TestMode	Antenna	Channel	PSD[dBm/MHz]	Limit[dBm/MHz]	Verdict
802.11b	antenna 1	2412	8.39	10	PASS
	antenna 1	2442	8.67	10	PASS
	antenna 1	2472	8.36	10	PASS
802.11g	antenna 1	2412	4.10	10	PASS
	antenna 1	2442	5.22	10	PASS
	antenna 1	2472	4.15	10	PASS
802.11 N20	antenna 1	2412	4.30	10	PASS
	antenna 1	2442	4.27	10	PASS
	antenna 1	2472	3.31	10	PASS

Test Graphs

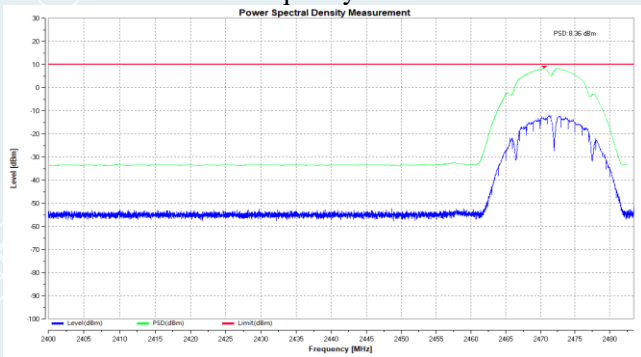
Type: 802.11b



Lowest Frequency: 2412MHz

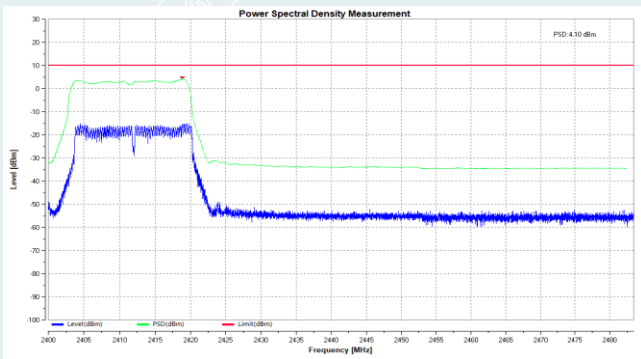


Middle Frequency: 2442MHz

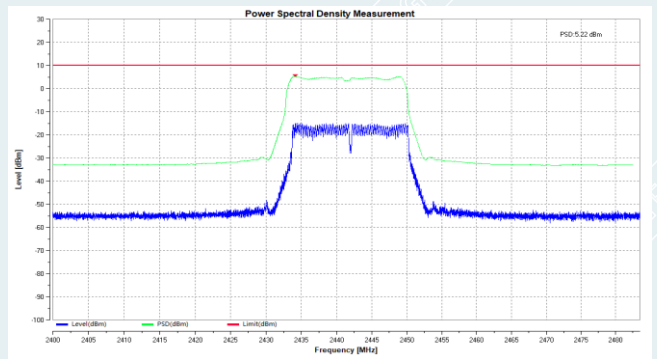


Highest Frequency: 2472MHz

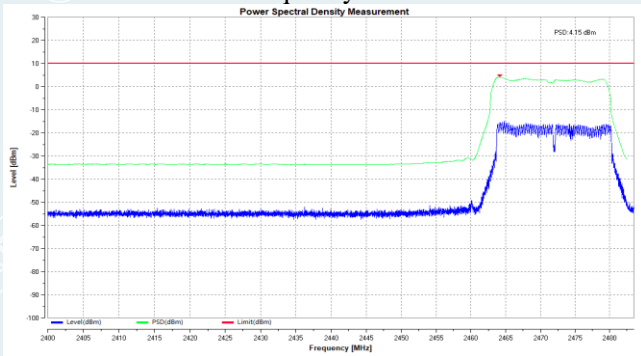
Type: 802.11g



Lowest Frequency: 2412MHz

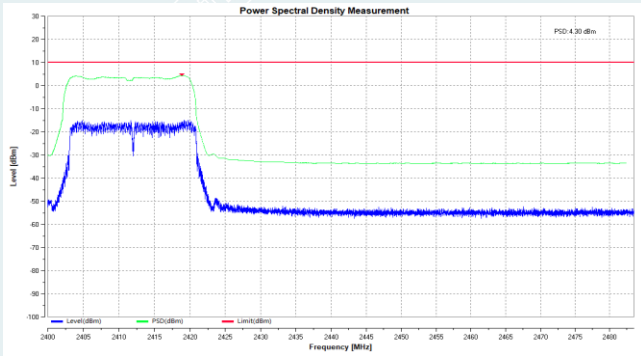


Middle Frequency: 2442MHz

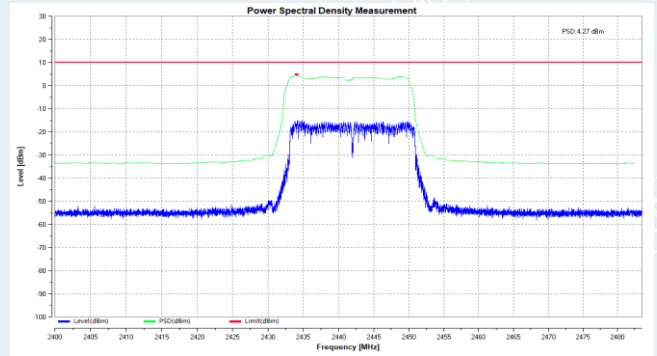


Highest Frequency: 2472MHz

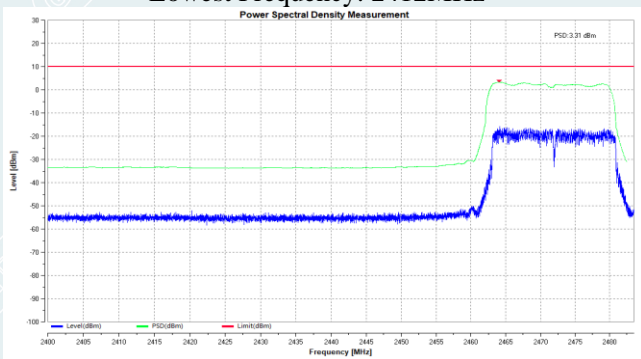
Type: 802.11n20



Lowest Frequency: 2412MHz



Middle Frequency: 2442MHz



Highest Frequency: 2472MHz

5.3 ADAPTIVITY

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

5.3.1 LIMIT

For Adaptive Non-FHSS equipment

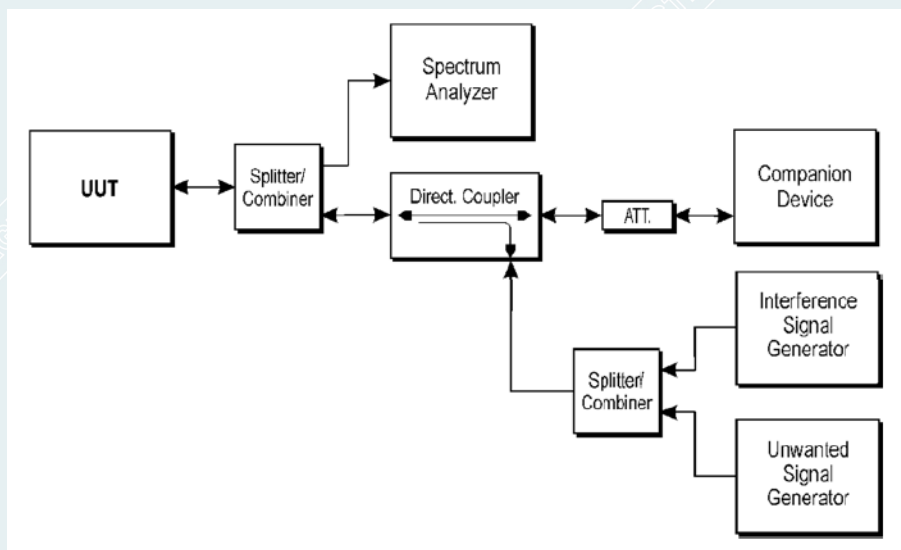
Clear Channel Assessment 18us - 160us

Channel Occupancy time < 13ms

Short Control Signaling Transmissions shall have a maximum TxOn/(TxOn+TxOff) ratio of 10% within any observation period of 50ms or within an observation period equal to the dwell time, whichever is less.

5.3.2 TEST CONFIGURATION

Conducted measurement:



5.3.3 TEST PROCEDURES

Test condition: Normal test conditions

Test channel: 2412MHz, 2472MHz for 802.11b/g/n HT20

Test procedure: Test procedure is according to EN 300 328 V2.2.2

Remark: /

5.3.4 TEST RESULTS

Test Date (yy-mm-dd): 2021-09-26

Test environment: Normal condition:

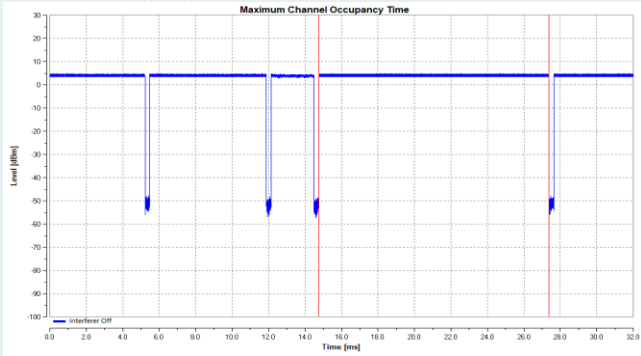
Temp: 23.4°C, Humid:49%

TestMode	Antenna	Channel	Max.COT [ms]	Limit[ms]	Min.Idle Time[ms]	Limit[ms]	Verdict
11b	Ant1	2412	12.626	13	0.045	0.018	PASS
		2472	1.228	13	0.036	0.018	PASS
11g	Ant1	2412	0.353	13	0.051	0.018	PASS
		2472	0.254	13	0.059	0.018	PASS
11n20	Ant1	2412	1.355	13	0.064	0.018	PASS
		2472	6.430	13	0.134	0.018	PASS

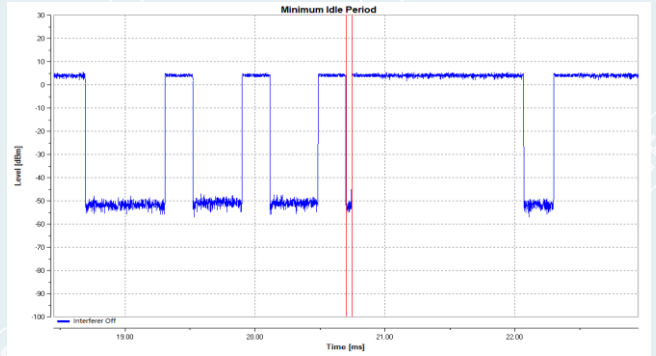
TestMode	Antenna	Channel	Add Signal Type	Add Signal Time[ms]	Add Signal Level[dbm]	Max. Short Time[%]	Limit [%]	Verdict
11b	Ant1	2412	AWGN	3000	-66.76	0.00	10	PASS
			CW	65998	-33.50	7.80	10	PASS
		2472	AWGN	3000	-66.73	7.40	10	PASS
			CW	65998	-33.50	0.00	10	PASS
11g	Ant1	2412	AWGN	3000	-65.17	2.80	10	PASS
			CW	65998	-33.50	0.00	10	PASS
		2472	AWGN	3000	-65.08	3.00	10	PASS
			CW	65998	-33.50	0.00	10	PASS
11n20	Ant1	2412	AWGN	3000	-65.88	2.20	10	PASS
			CW	65998	-33.50	0.00	10	PASS
		2472	AWGN	3000	-64.75	0.00	10	PASS
			CW	65998	-33.50	0.00	10	PASS

Test Graphs

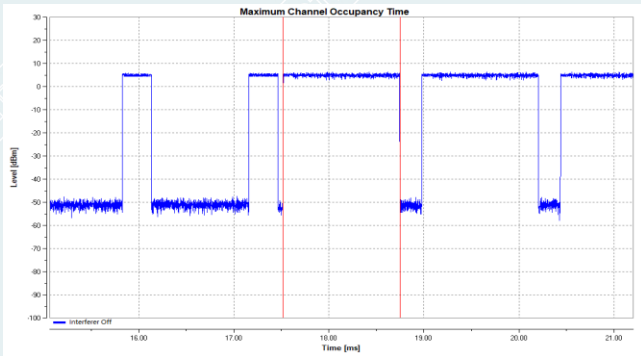
802.11b



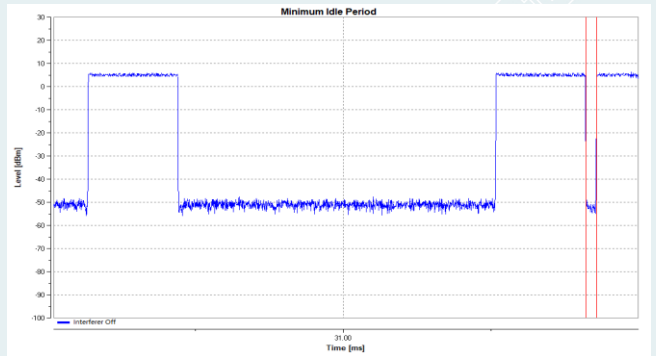
Lowest Frequency: 2412MHz



Lowest Frequency: 2412MHz

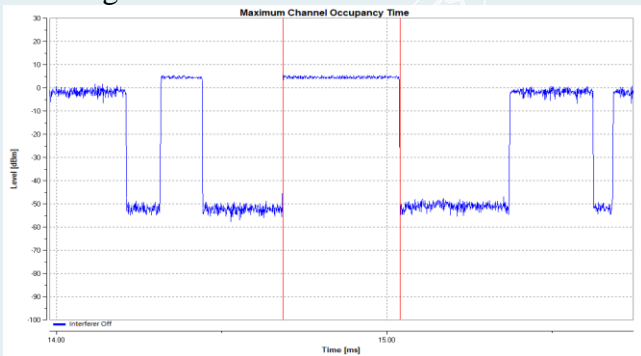


Highest Frequency: 2472MHz

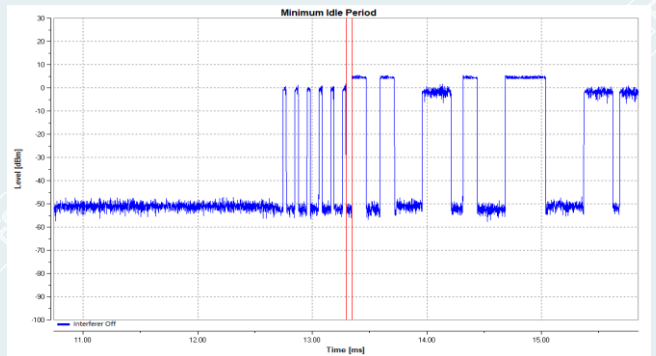


Highest Frequency: 2472MHz

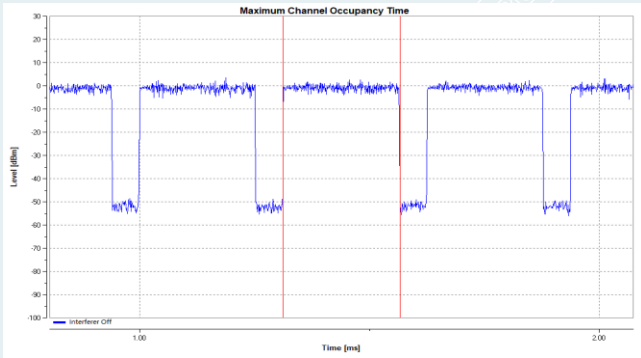
802.11g



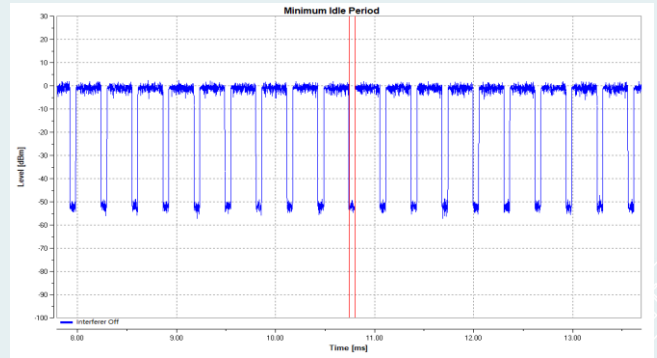
Lowest Frequency: 2412MHz



Lowest Frequency: 2412MHz

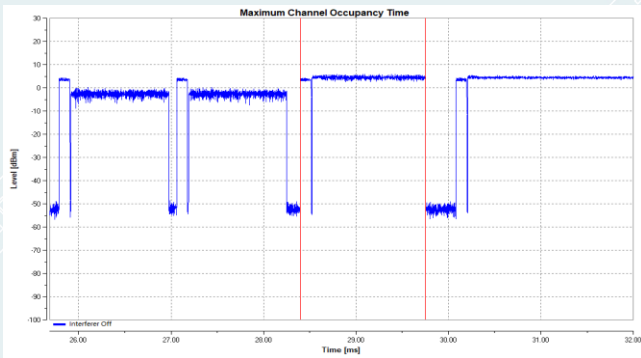


Highest Frequency: 2472MHz

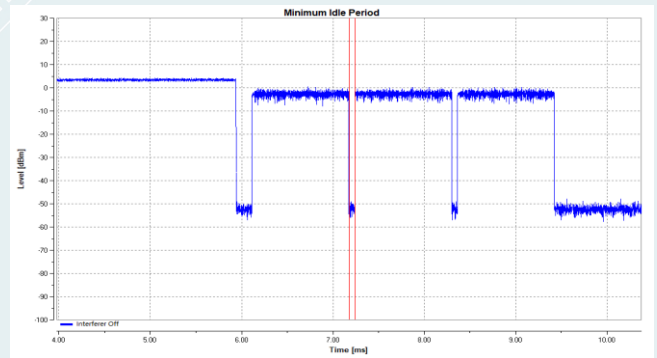


Highest Frequency: 2472MHz

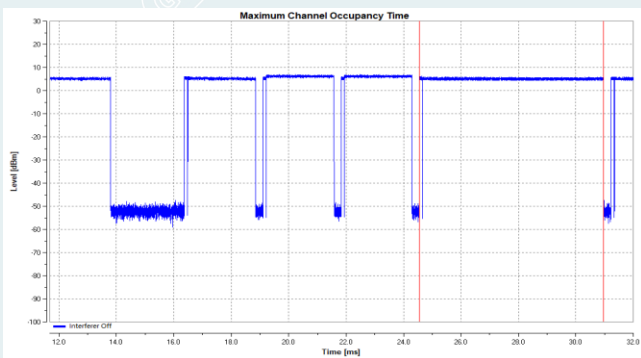
802.11n20SISO



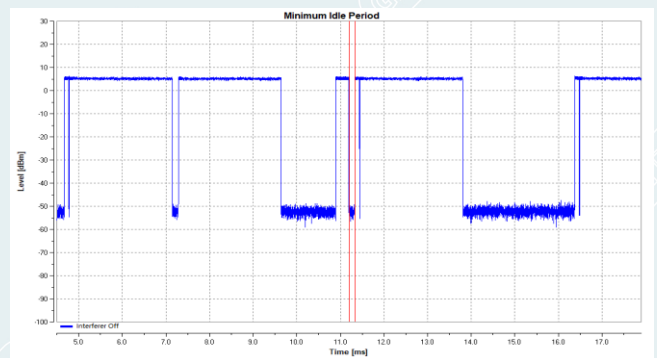
Lowest Frequency: 2412MHz



Lowest Frequency: 2412MHz

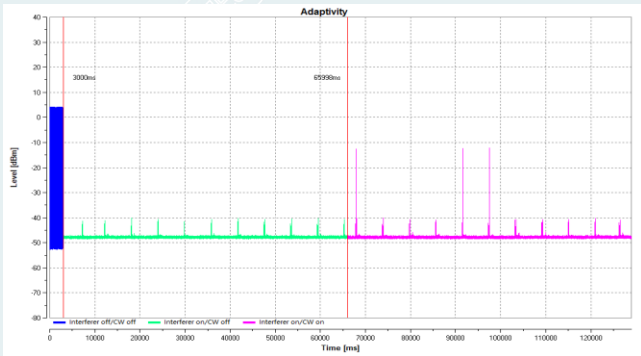


Highest Frequency: 2472MHz

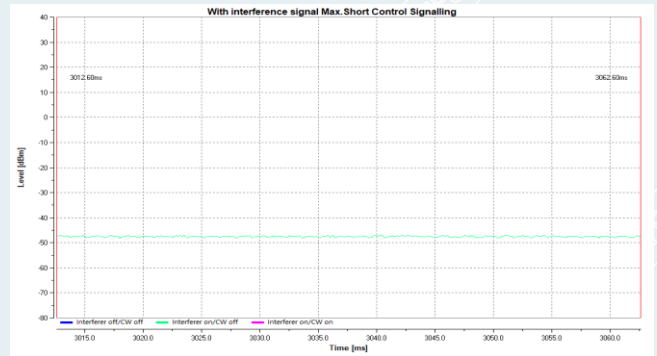


Highest Frequency: 2472MHz

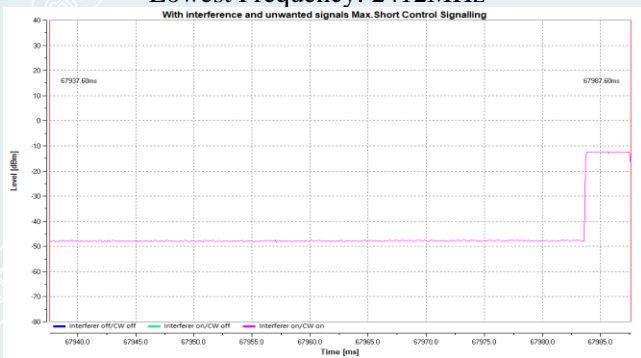
802.11b



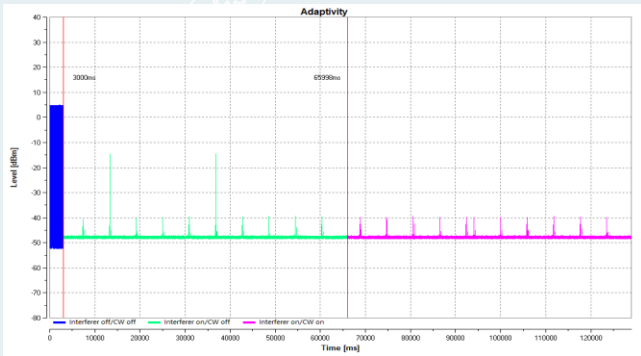
Lowest Frequency: 2412MHz



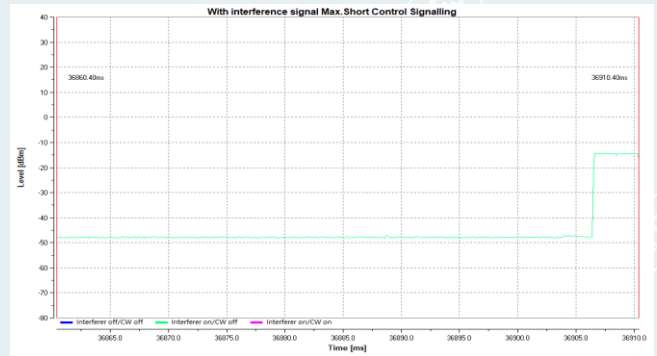
Lowest Frequency: 2412MHz



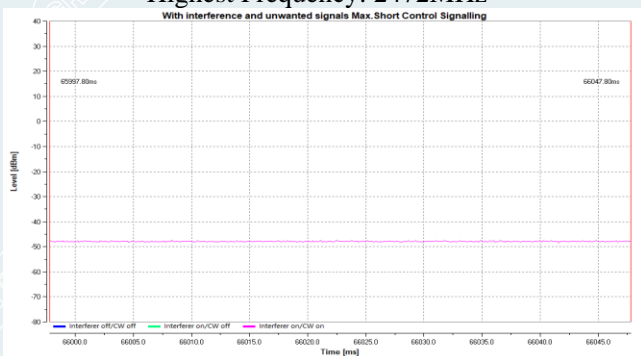
Lowest Frequency: 2412MHz



Highest Frequency: 2472MHz

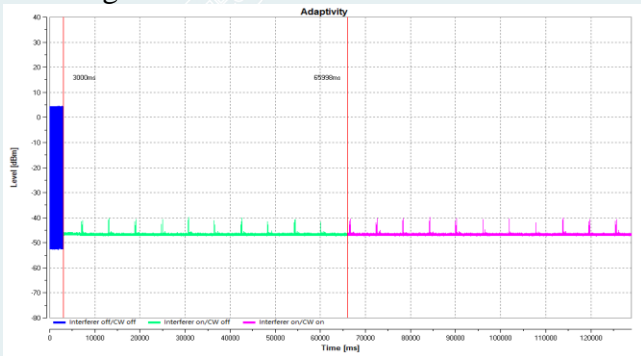


Highest Frequency: 2472MHz

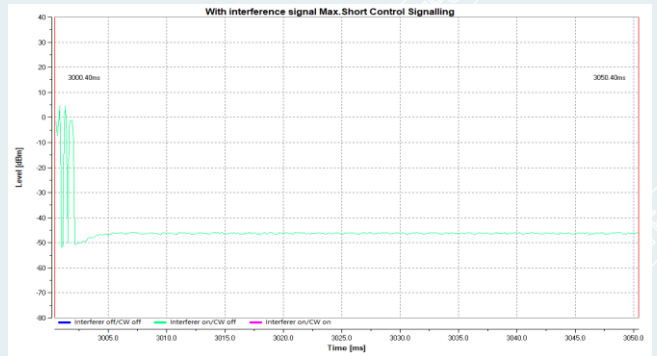


Highest Frequency: 2472MHz

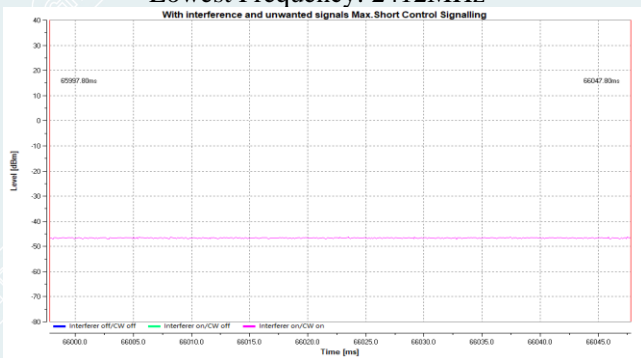
802.11g



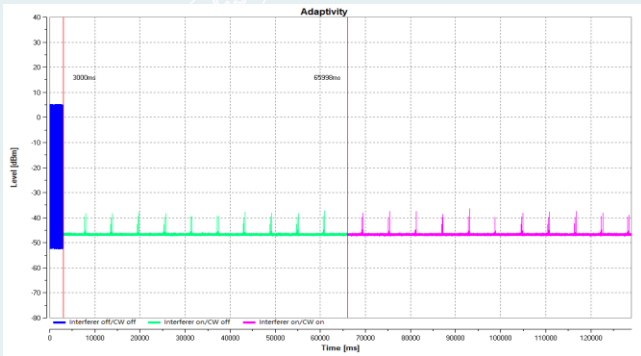
Lowest Frequency: 2412MHz



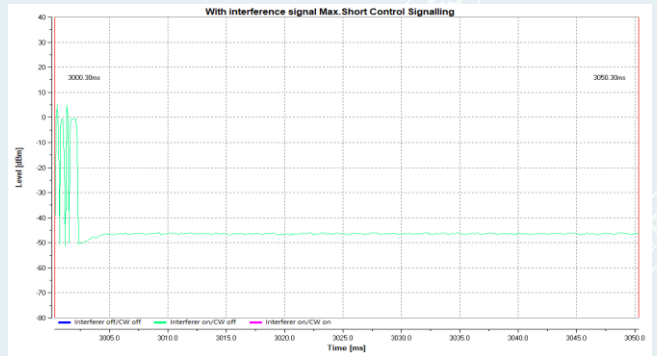
Lowest Frequency: 2412MHz



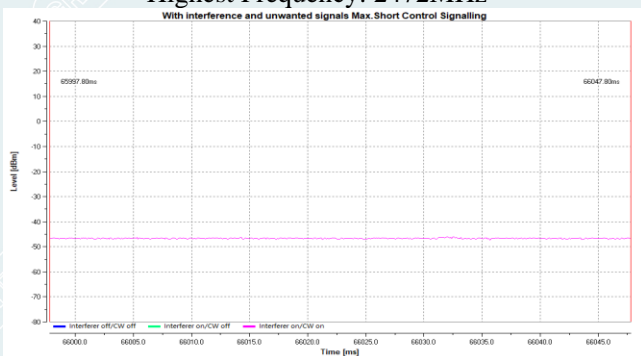
Lowest Frequency: 2412MHz



Highest Frequency: 2472MHz

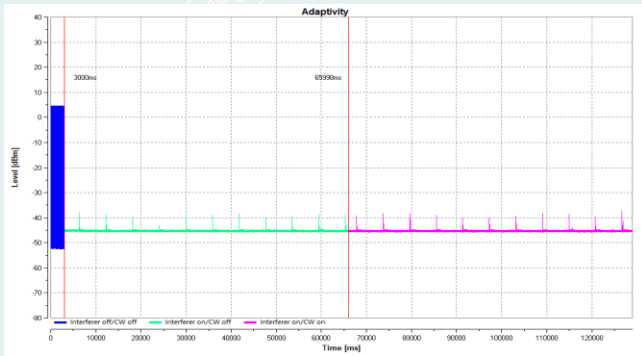


Highest Frequency: 2472MHz

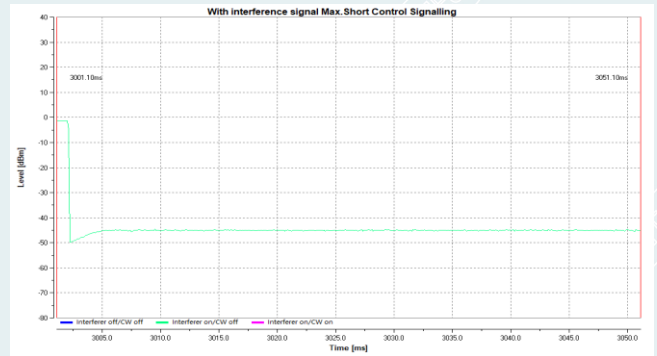


Highest Frequency: 2472MHz

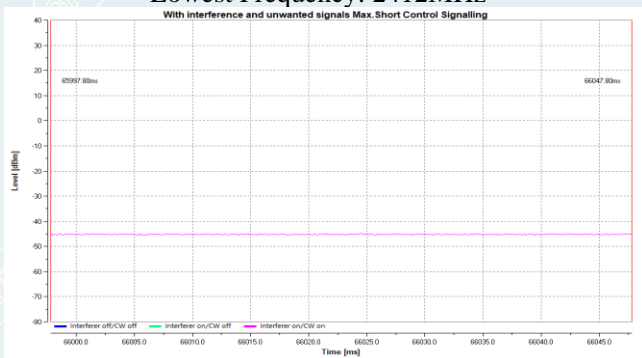
802.11n20SISO



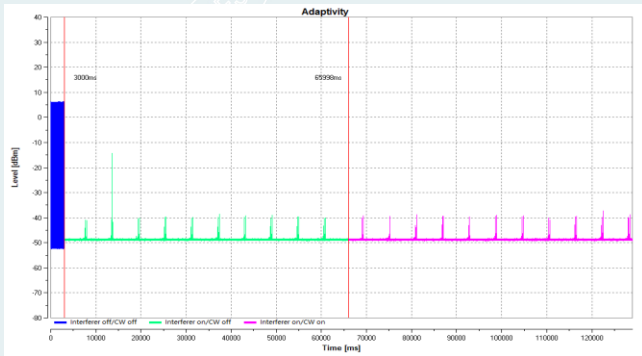
Lowest Frequency: 2412MHz



Lowest Frequency: 2412MHz



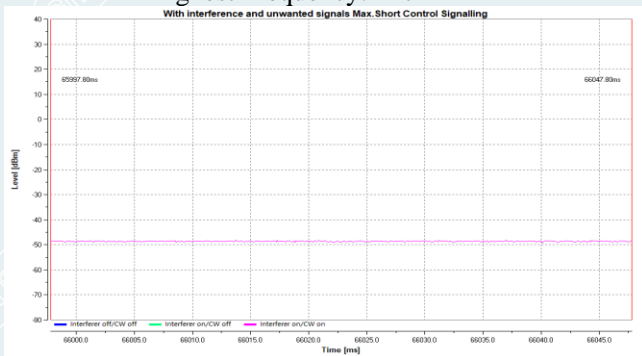
Lowest Frequency: 2412MHz



Highest Frequency: 2472MHz



Highest Frequency: 2472MHz



Highest Frequency: 2472MHz

5.4 OCCUPIED CHANNEL BANDWIDTH

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

5.4.1 LIMIT

This requirement applies to all types of non-FHSS equipment.

The Occupied Channel Bandwidth shall fall completely within the band given in table 2.

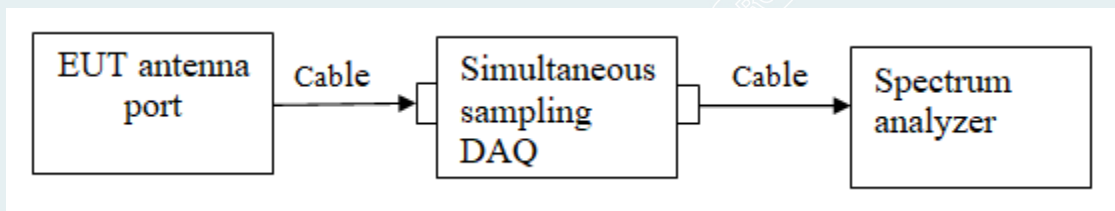
In addition, for non-adaptive equipment using wide band modulations other than FHSS and with e.i.r.p. greater than 10 dBm, the occupied channel bandwidth shall be less than 20 MHz.

Table 2: Service frequency bands

	Service frequency bands
Transmit	2 400 MHz to 2 483,5 MHz
Receive	2 400 MHz to 2 483,5 MHz

5.4.2 TEST CONFIGURATION

Conducted measurement:



5.4.3 TEST PROCEDURES

Test condition: Normal test conditions.

Test channel: 2412MHz, 2442 MHz, 2472MHz for 802.11b/g/n HT20

Test procedure: Test procedure is according to EN 300 328 V2.2.2

Remark: /

5.4.4 TEST RESULTS

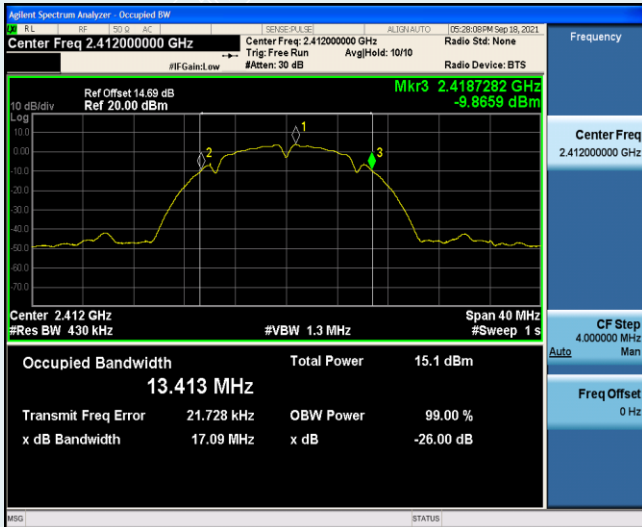
Test Date (yy-mm-dd): 2021-09-18

Test environment: Normal condition:

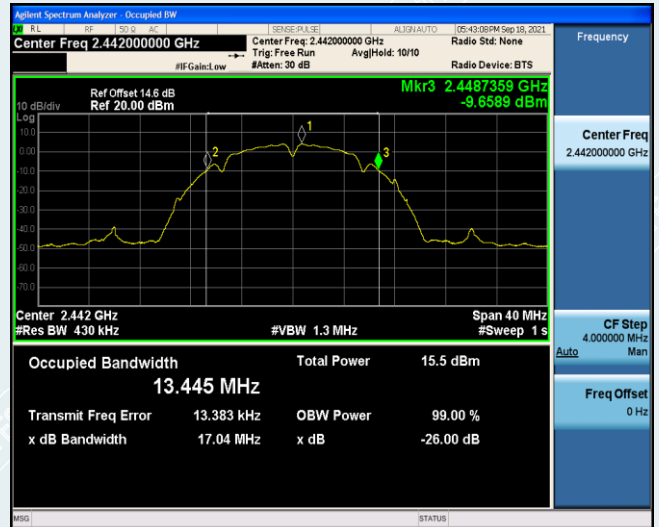
Temp: 23.5°C, Humid:49%

TestMode	Antenna	Channel	OCB[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11b	Ant1	2412	13.413	2405.3152	2418.7282	2400 to 2483.5	PASS
		2442	13.445	2435.2909	2448.7359	2400 to 2483.5	PASS
		2472	13.377	2465.2520	2478.6290	2400 to 2483.5	PASS
11g	Ant1	2412	16.647	2403.6776	2420.3246	2400 to 2483.5	PASS
		2442	16.647	2433.6607	2450.3077	2400 to 2483.5	PASS
		2472	16.647	2463.6433	2480.2903	2400 to 2483.5	PASS
11n20SISO	Ant1	2412	17.706	2403.1409	2420.8469	2400 to 2483.5	PASS
		2442	17.705	2433.1289	2450.8339	2400 to 2483.5	PASS
		2472	17.704	2463.1128	2480.8168	2400 to 2483.5	PASS

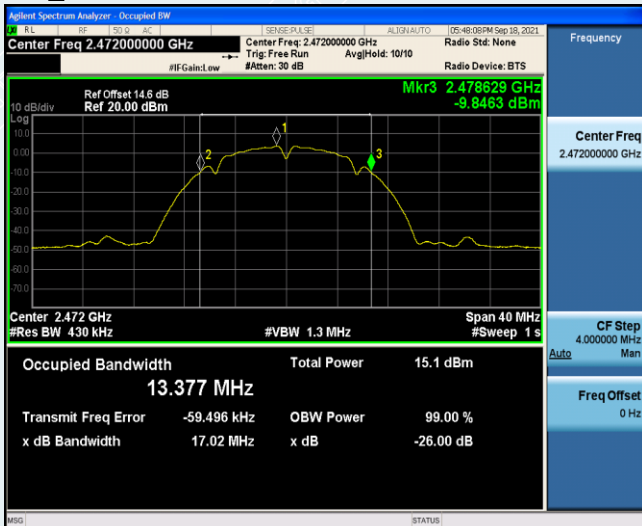
Test screenshots



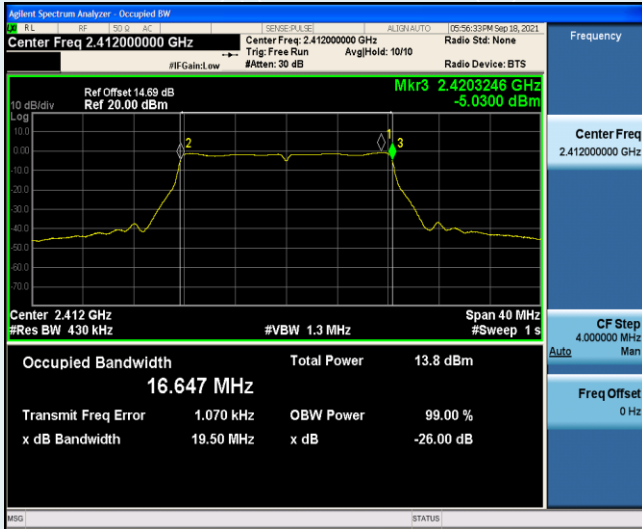
11b_2412



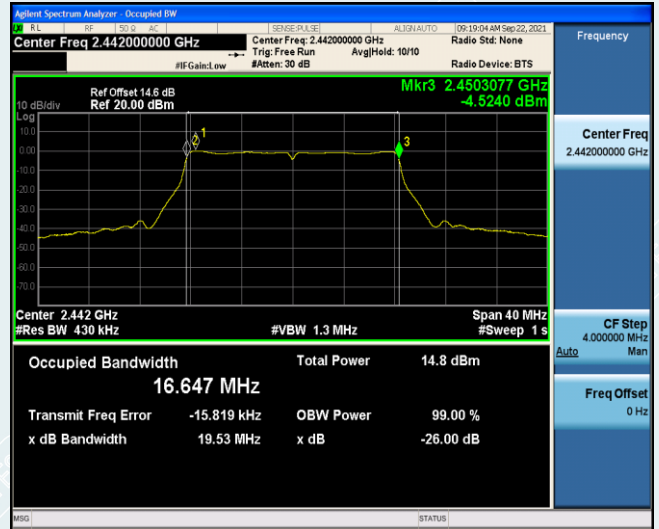
11b_2442



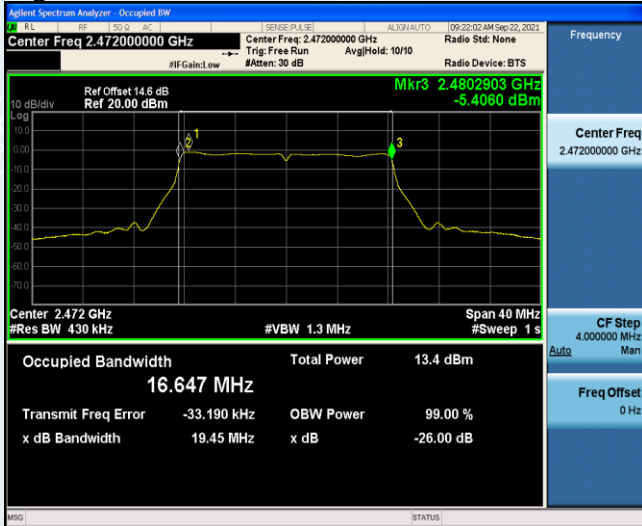
11b_2472



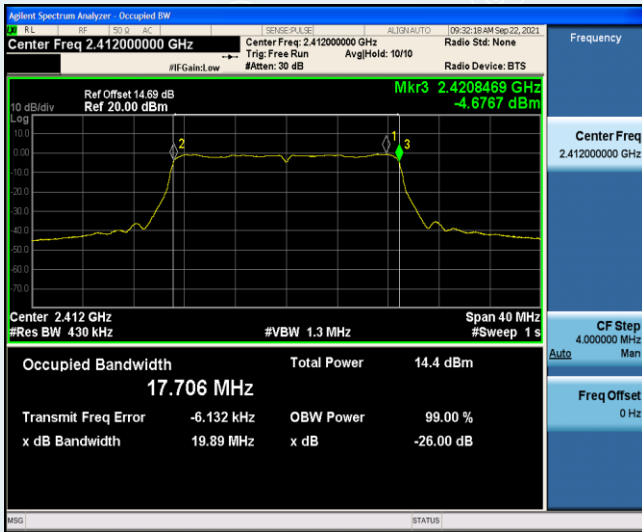
11g_2412



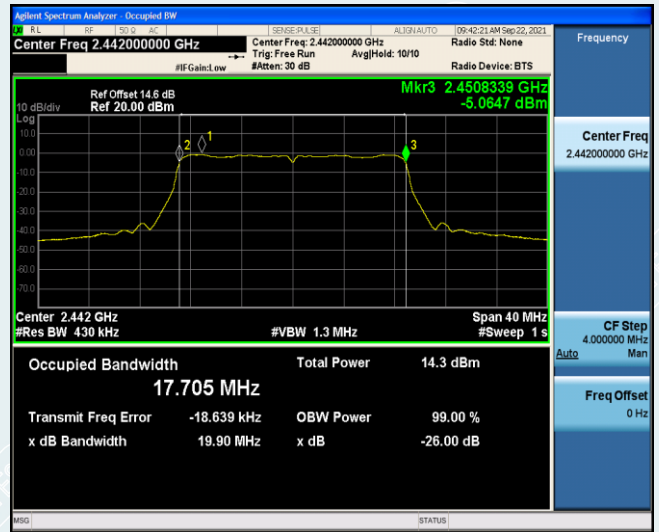
11g_2442



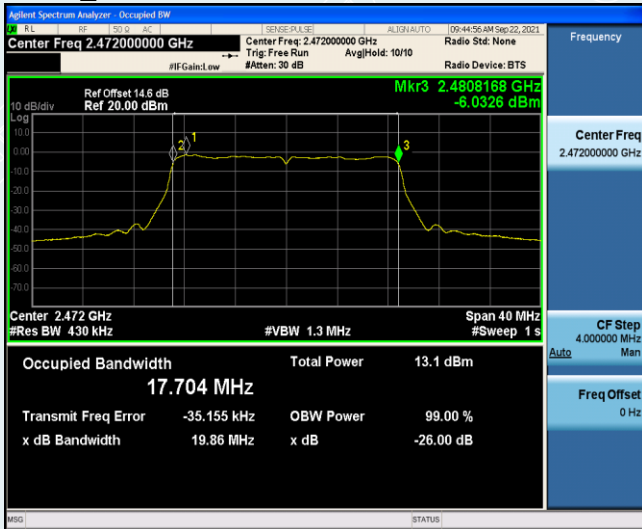
11g_2472



11n20_2412



11n20_2442



11n20_2472

5.5 TRANSMITTER UNWANTED EMISSIONS IN THE OUT-OF-BAND DOMAIN

Test Requirement: EN300 328 V2.2.2

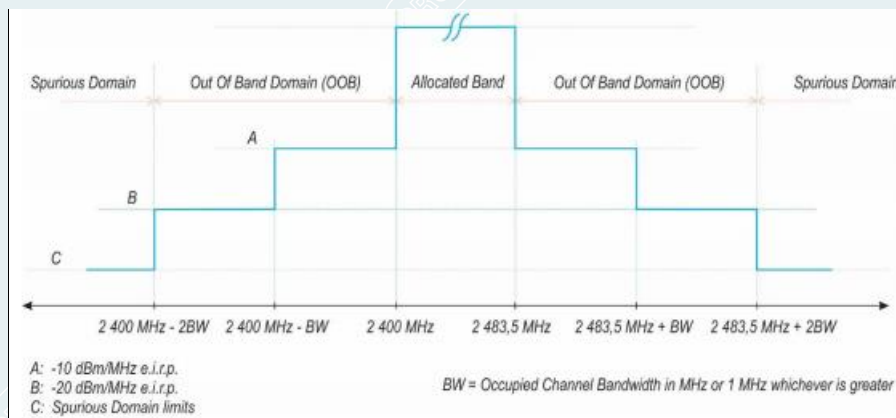
Test Method: EN300 328 V2.2.2

5.5.1 LIMIT

This requirement applies to all types of FHSS equipment and all types of non-FHSS equipment.

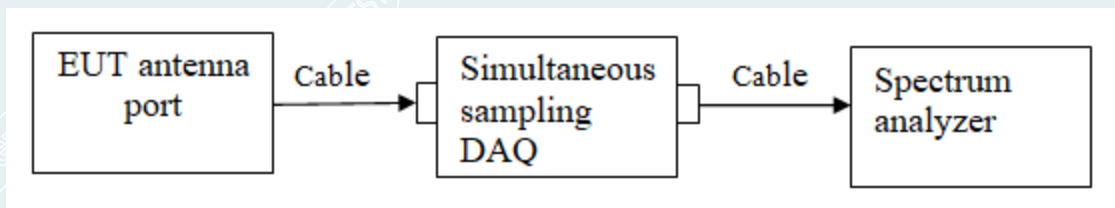
The transmitter unwanted emissions in the out-of-band domain but outside the allocated band, shall not exceed the values provided by the mask in figure 3.

The Out-of-band emissions are fulfilled by compliance with the Occupied Channel Bandwidth requirement 4.3.2.7.



5.5.2 TEST CONFIGURATION

Conducted measurement:



5.5.3 TEST PROCEDURES

Test condition: Normal test conditions.

Test channel: 2412MHz, 2472MHz for 802.11b/g/n HT20

Test procedure: Test procedure is according to EN 300 328 V2.2.2

Remark: /

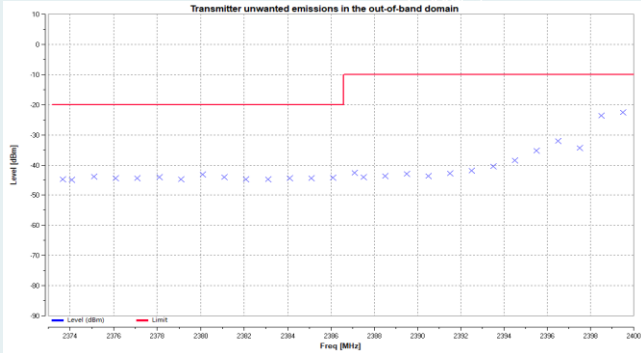
5.5.4 Test Results

Test Date (yy-mm-dd): 2021-09-26

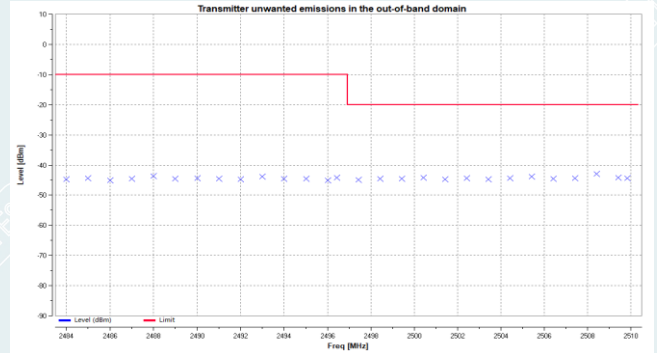
Test environment: Normal condition:

Temp: 23.4°C, Humid:49%

Type: 802.11b_2412MHz

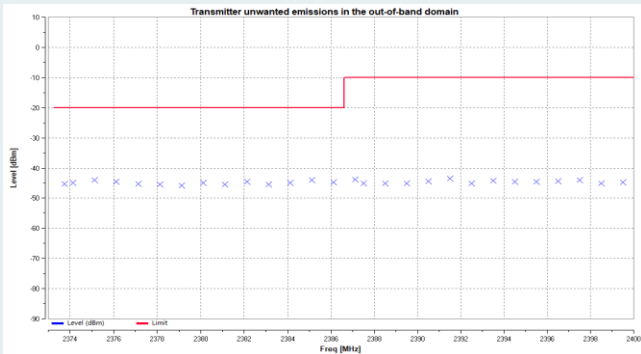


Left side of working frequency band

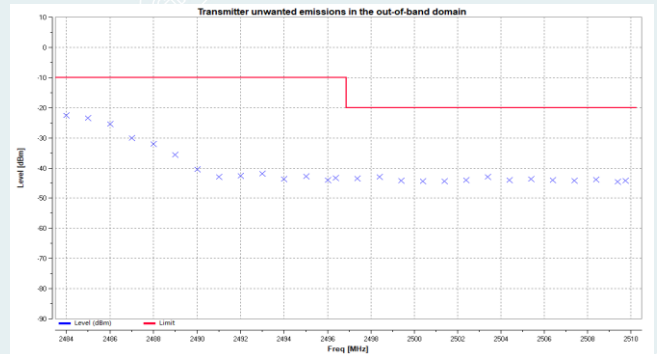


Right side of working frequency band

Type: 802.11b_2472MHz

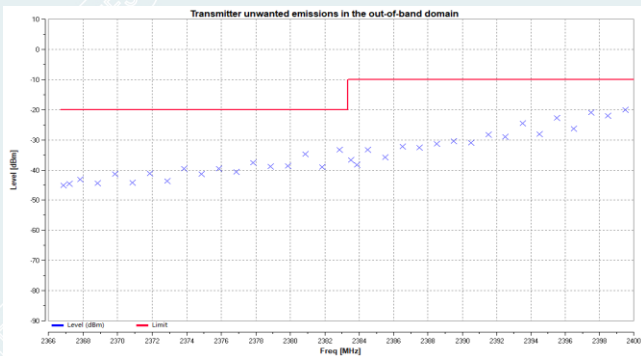


Left side of working frequency band

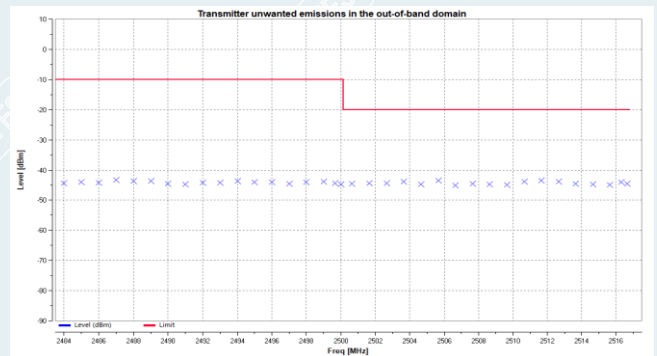


Right side of working frequency band

Type: 802.11g_2412MHz

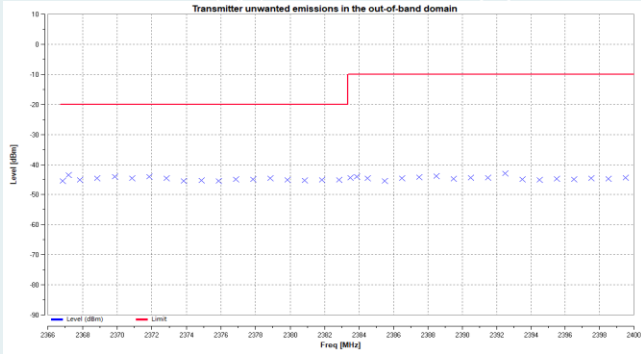


Left side of working frequency band

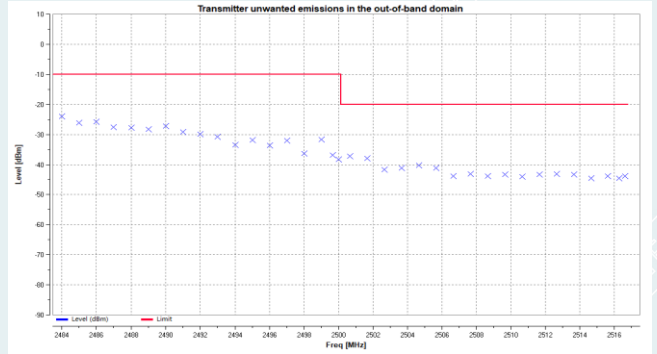


Right side of working frequency band

Type: 802.11g_2472MHz

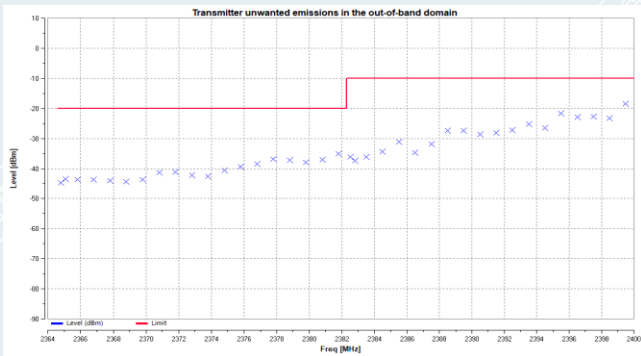


Left side of working frequency band

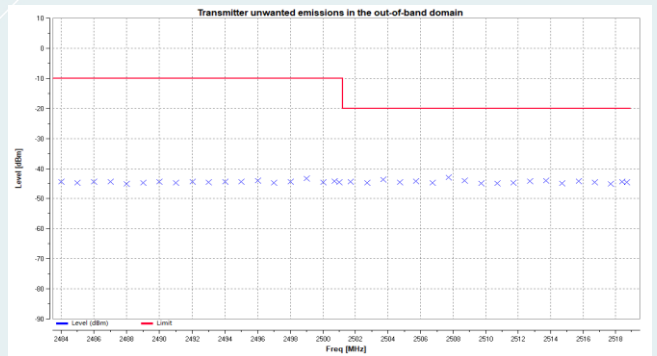


Right side of working frequency band

Type: 802.11n20_2412MHz

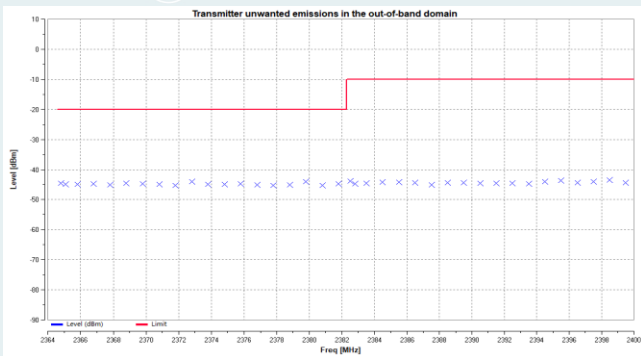


Left side of working frequency band

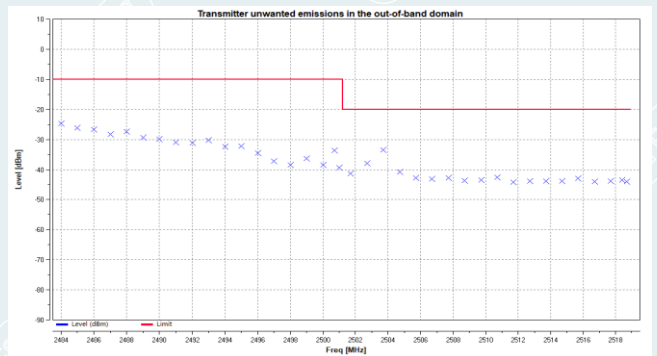


Right side of working frequency band

Type: 802.11n20_2472MHz



Left side of working frequency band



Right side of working frequency band

5.6 TRANSMITTER UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

5.6.1 LIMIT

This requirement applies to all types of FHSS equipment and all types of non-FHSS equipment.

The transmitter unwanted emissions in the spurious domain shall not exceed the values given in table 2. In case of equipment with antenna connectors, these limits apply to emissions at the antenna port (conducted). For emissions radiated by the cabinet or emissions radiated by integral antenna equipment (without antenna connectors), these limits are e.r.p. for emissions up to 1 GHz and as e.i.r.p. for emissions above 1 GHz.

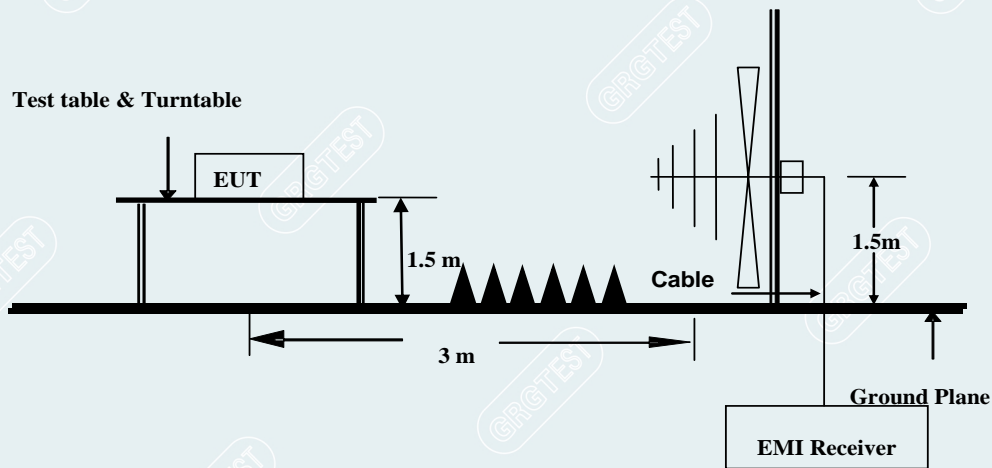
Note: This test uses conducted emissions measurement and Radiated emissions measurement.

Table 2: Transmitter limits for spurious emissions

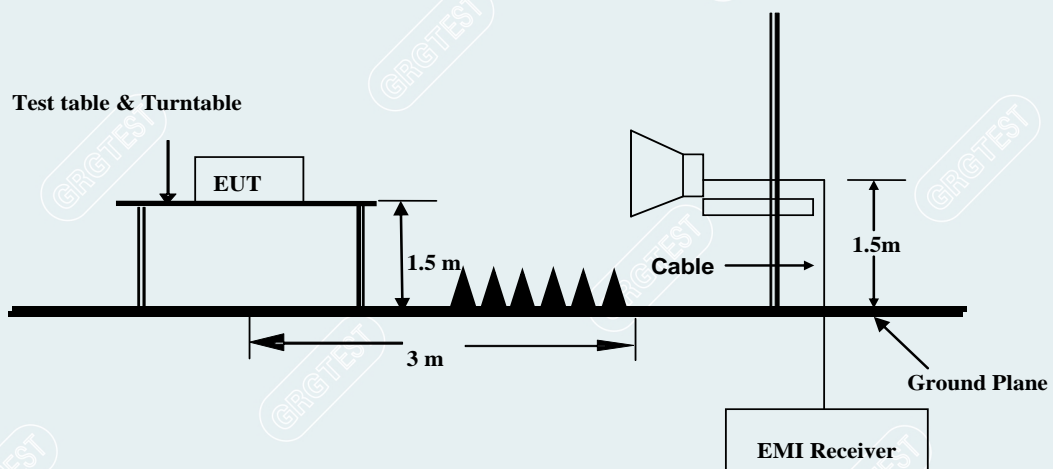
Frequency range	Maximum power	Bandwidth
30 MHz to 47 MHz	-36 dBm	100 kHz
47 MHz to 74 MHz	-54 dBm	100 kHz
74 MHz to 87,5 MHz	-36 dBm	100 kHz
87,5 MHz to 118 MHz	-54 dBm	100 kHz
118 MHz to 174 MHz	-36 dBm	100 kHz
174 MHz to 230 MHz	-54 dBm	100 kHz
230 MHz to 470 MHz	-36 dBm	100 kHz
470 MHz to 694 MHz	-54 dBm	100 kHz
694 MHz to 1 GHz	-36 dBm	100 kHz
1 GHz to 12,75 GHz	-30 dBm	1 MHz

5.6.2 TEST CONFIGURATION

30MHz~1000MHz



1000MHz~12750MHz



5.6.3 TEST PROCEDURES

Test condition: Normal test conditions.

Test channel: 2412MHz, 2472MHz for 802.11b/g/n HT20

Test procedure: Test procedure is according to Clause 5.4.9.2.1 of EN 300 328 V2.2.2

Remark: Pre-test all data rate and channel, found that 802.11b mode is the worst case, so only record the worst data.

5.6.4 DATA SAMPLE

Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB/m]	Detector	Polarity
XXX	-49.71	-57.90	-30.00	27.90	-8.19	RMS	Horizontal

Frequency (MHz) = Emission frequency in MHz

Reading (dBm) = Uncorrected Analyzer / Receiver reading

Correct Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain

Result (dBm) = Reading (dBm) + Corr. Factor (dB/m)

Limit (dBm) = Limit stated in standard

Margin (dB) = Result (dBm) – Limit(dBm)

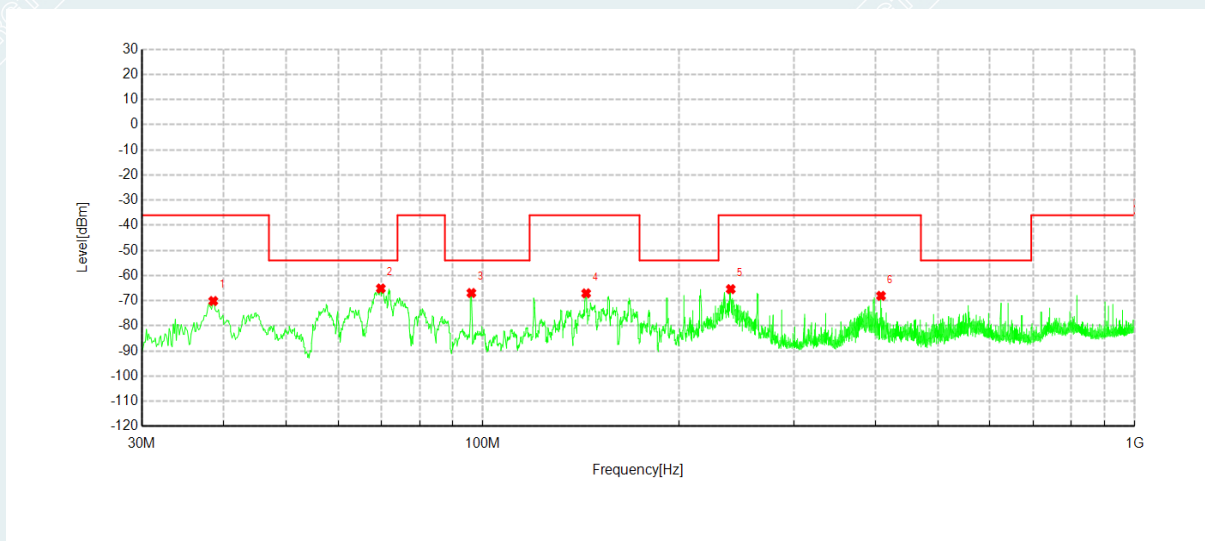
RMS = Root Mean Square

5.6.5 TEST RESULTS

Below 1GHz

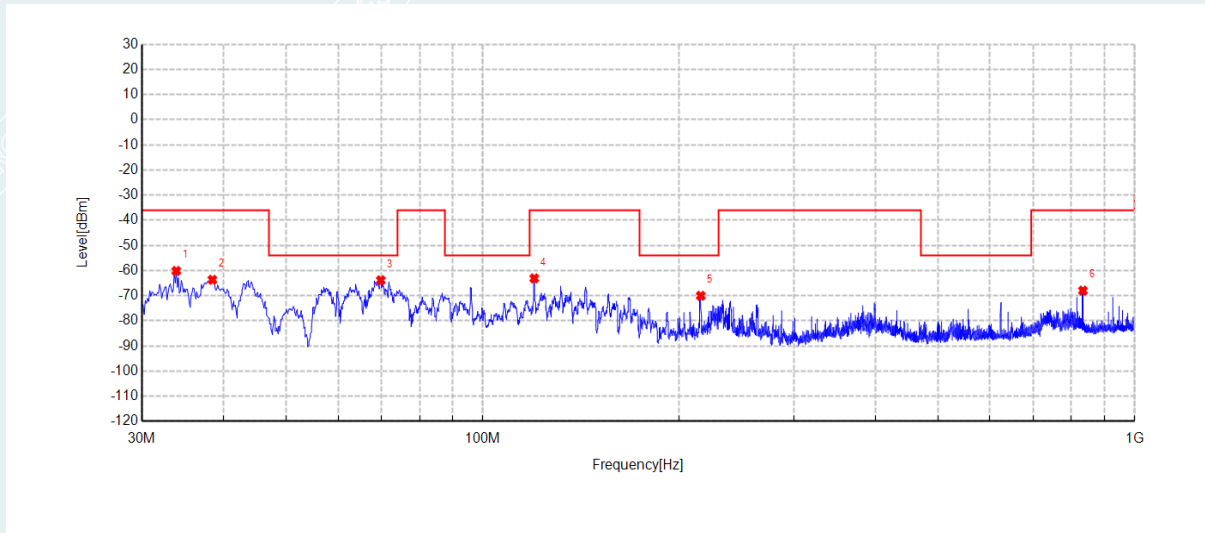
Recorded the worst case results in this report (IEEE 802.11b)

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11b 2412MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1 °C;Humi:48%	Engineer:	Lu Qiang



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	38.6088	-58.13	-70.13	-36.00	34.13	-12.00	RMS	Horizontal
2	69.7700	-43.93	-65.15	-54.00	11.15	-21.22	RMS	Horizontal
3	96.0813	-43.77	-66.94	-54.00	12.94	-23.17	RMS	Horizontal
4	144.0963	-41.96	-67.08	-36.00	31.08	-25.12	RMS	Horizontal
5	240.1263	-51.43	-65.41	-36.00	29.41	-13.98	RMS	Horizontal
6	408.3000	-55.90	-68.07	-36.00	32.07	-12.17	RMS	Horizontal

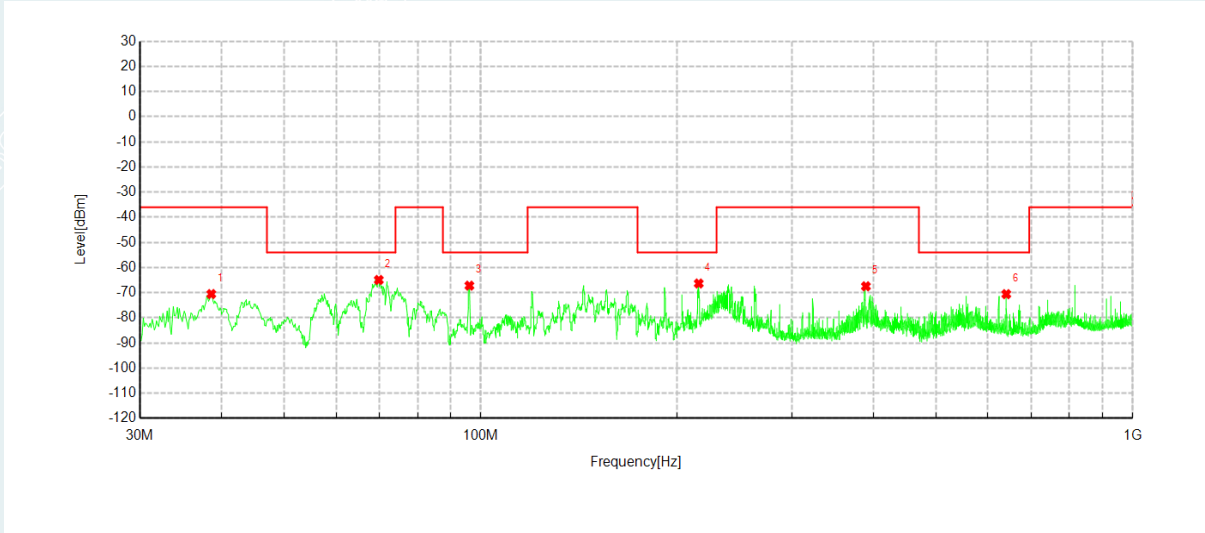
Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11b 2412MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Lu Qiang



Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	33.8800	-37.64	-60.16	-36.00	24.16	-22.52	RMS	Vertical
2	38.4875	-43.28	-63.68	-36.00	27.68	-20.40	RMS	Vertical
3	69.7700	-41.40	-63.87	-54.00	9.87	-22.47	RMS	Vertical
4	119.9675	-49.67	-63.12	-36.00	27.12	-13.45	RMS	Vertical
5	215.9975	-50.57	-70.03	-54.00	16.03	-19.46	RMS	Vertical
6	833.1600	-61.94	-67.98	-36.00	31.98	-6.04	RMS	Vertical

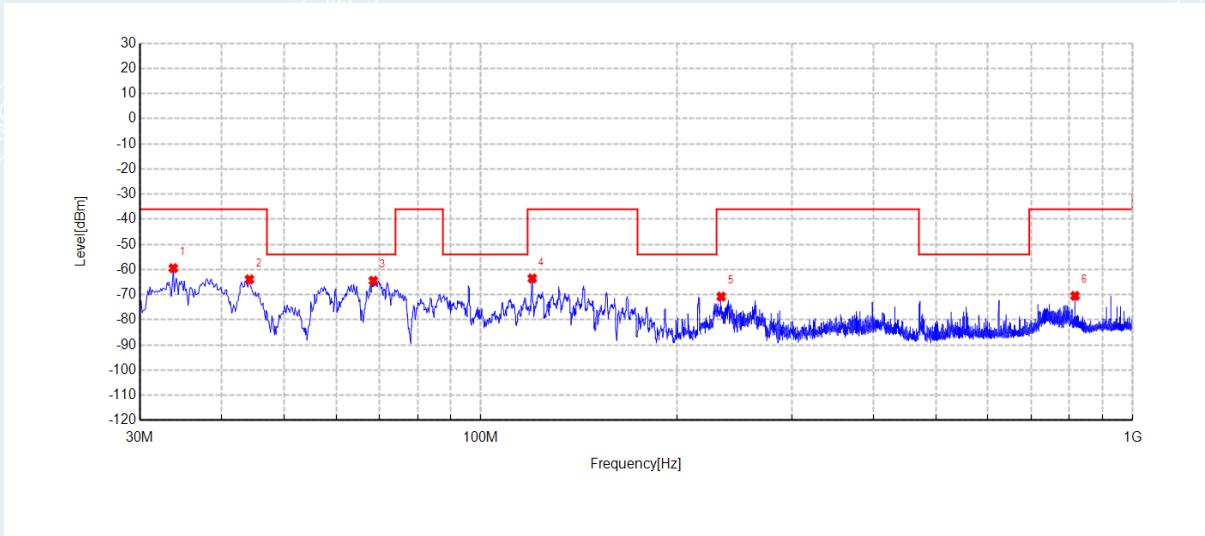
Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11b 2472MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Lu Qiang



Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	38.6088	-58.54	-70.54	-36.00	34.54	-12.00	RMS	Horizontal
2	69.7700	-43.71	-64.93	-54.00	10.93	-21.22	RMS	Horizontal
3	96.0813	-44.03	-67.20	-54.00	13.20	-23.17	RMS	Horizontal
4	215.9975	-49.52	-66.34	-54.00	12.34	-16.82	RMS	Horizontal
5	389.8700	-54.50	-67.46	-36.00	31.46	-12.96	RMS	Horizontal
6	640.0088	-61.52	-70.58	-54.00	16.58	-9.06	RMS	Horizontal

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11b 2472MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Lu Qiang



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	33.7588	-36.89	-59.46	-36.00	23.46	-22.57	RMS	Vertical
2	44.1863	-43.40	-63.92	-36.00	27.92	-20.52	RMS	Vertical
3	68.4363	-42.34	-64.45	-54.00	10.45	-22.11	RMS	Vertical
4	119.9675	-50.07	-63.52	-36.00	27.52	-13.45	RMS	Vertical
5	233.8213	-51.10	-70.76	-36.00	34.76	-19.66	RMS	Vertical
6	815.9425	-64.27	-70.47	-36.00	34.47	-6.20	RMS	Vertical

Above 1GHz

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11b 2412MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1 °C;Humi:48%	Engineer:	Chen Xiaocong

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1598.1000	-42.18	-55.80	-30.00	25.80	-13.62	RMS	Horizontal
2	2198.6000	-54.08	-62.18	-30.00	32.18	-8.10	RMS	Horizontal
3	2411.2000	-32.00	-40.76	-30.00	10.76	-8.76	RMS	Horizontal
4	4824.2250	-43.70	-41.42	-30.00	11.42	2.28	RMS	Horizontal
5	7237.3500	-62.82	-53.89	-30.00	23.89	8.93	RMS	Horizontal
6	10800.0000	-72.01	-54.90	-30.00	24.90	17.11	RMS	Horizontal

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1594.8000	-44.75	-58.23	-30.00	28.23	-13.48	RMS	Vertical
2	2413.0000	-29.64	-38.12	-30.00	8.12	-8.48	RMS	Vertical
3	4824.2250	-43.24	-40.98	-30.00	10.98	2.26	RMS	Vertical
4	6000.0750	-57.43	-54.48	-30.00	24.48	2.95	RMS	Vertical
5	7237.3500	-65.16	-55.69	-30.00	25.69	9.47	RMS	Vertical
6	11503.9500	-73.66	-54.52	-30.00	24.52	19.14	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11b 2472MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiacong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1594.2000	-41.92	-55.60	-30.00	25.60	-13.68	RMS	Horizontal
2	2472.9000	-32.84	-41.85	-30.00	11.85	-9.01	RMS	Horizontal
3	4806.6750	-58.19	-56.28	-30.00	26.28	1.91	RMS	Horizontal
4	4944.1500	-46.01	-44.26	-30.00	14.26	1.75	RMS	Horizontal
5	7416.7500	-65.57	-57.64	-30.00	27.64	7.93	RMS	Horizontal
6	8730.0750	-69.68	-56.93	-30.00	26.93	12.75	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1598.4000	-43.85	-57.25	-30.00	27.25	-13.40	RMS	Vertical
2	1747.8000	-42.11	-55.00	-30.00	25.00	-12.89	RMS	Vertical
3	2475.0000	-30.59	-39.70	-30.00	9.70	-9.11	RMS	Vertical
4	2995.7000	-55.33	-62.43	-30.00	32.43	-7.10	RMS	Vertical
5	4944.1500	-48.45	-46.70	-30.00	16.70	1.75	RMS	Vertical
6	6000.0750	-58.19	-55.24	-30.00	25.24	2.95	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11g 2412MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiacong

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1227.1000	-48.19	-62.33	-30.00	32.33	-14.14	RMS	Horizontal
2	1596.7000	-44.74	-58.38	-30.00	28.38	-13.64	RMS	Horizontal
3	2409.0000	-35.49	-44.26	-30.00	14.26	-8.77	RMS	Horizontal
4	4825.2000	-56.21	-53.91	-30.00	23.91	2.30	RMS	Horizontal
5	9647.5500	-69.58	-56.65	-30.00	26.65	12.93	RMS	Horizontal
6	10800.0000	-72.43	-55.32	-30.00	25.32	17.11	RMS	Horizontal

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1599.8000	-43.09	-56.45	-30.00	26.45	-13.36	RMS	Vertical
2	2420.0000	-34.65	-43.17	-30.00	13.17	-8.52	RMS	Vertical
3	2988.9000	-54.67	-61.78	-30.00	31.78	-7.11	RMS	Vertical
4	4827.1500	-54.89	-52.58	-30.00	22.58	2.31	RMS	Vertical
5	6000.0750	-59.30	-56.35	-30.00	26.35	2.95	RMS	Vertical
6	11496.1500	-74.16	-55.16	-30.00	25.16	19.00	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11g 2472MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiacong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1417.2000	-44.41	-57.25	-30.00	27.25	-12.84	RMS	Horizontal
2	1597.0000	-44.62	-58.26	-30.00	28.26	-13.64	RMS	Horizontal
3	2472.9600	-39.33	-48.34	-30.00	18.34	-9.01	RMS	Horizontal
4	3712.7250	-58.83	-62.39	-30.00	32.39	-3.56	RMS	Horizontal
5	4806.6750	-58.43	-56.52	-30.00	26.52	1.91	RMS	Horizontal
6	4944.1500	-57.08	-55.33	-30.00	25.33	1.75	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1198.5000	-49.03	-61.95	-30.00	31.95	-12.92	RMS	Vertical
2	1398.5000	-49.29	-61.07	-30.00	31.07	-11.78	RMS	Vertical
3	1595.8000	-44.68	-58.14	-30.00	28.14	-13.46	RMS	Vertical
4	2472.9000	-36.32	-45.40	-30.00	15.40	-9.08	RMS	Vertical
5	4806.6750	-59.85	-57.87	-30.00	27.87	1.98	RMS	Vertical
6	6000.0750	-58.46	-55.51	-30.00	25.51	2.95	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11n20 2412MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiacong

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1599.8000	-41.04	-54.63	-30.00	24.63	-13.59	RMS	Horizontal
2	2410.6000	-35.37	-44.14	-30.00	14.14	-8.77	RMS	Horizontal
3	4822.2750	-56.11	-53.87	-30.00	23.87	2.24	RMS	Horizontal
4	6000.0750	-63.68	-61.12	-30.00	31.12	2.56	RMS	Horizontal
5	7234.4250	-67.21	-58.31	-30.00	28.31	8.90	RMS	Horizontal
6	10796.1000	-72.70	-55.82	-30.00	25.82	16.88	RMS	Horizontal

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1597.6000	-42.61	-56.02	-30.00	26.02	-13.41	RMS	Vertical
2	2419.8000	-34.37	-42.89	-30.00	12.89	-8.52	RMS	Vertical
3	4824.2250	-55.23	-52.97	-30.00	22.97	2.26	RMS	Vertical
4	6000.0750	-59.34	-56.39	-30.00	26.39	2.95	RMS	Vertical
5	9235.1250	-70.21	-57.01	-30.00	27.01	13.20	RMS	Vertical
6	11502.0000	-74.55	-55.34	-30.00	25.34	19.21	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX 802.11n20 2472MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiacong

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1597.6000	-44.07	-57.70	-30.00	27.70	-13.63	RMS	Horizontal
2	1992.8000	-55.19	-62.89	-30.00	32.89	-7.70	RMS	Horizontal
3	2479.4000	-36.22	-45.32	-30.00	15.32	-9.10	RMS	Horizontal
4	4806.6750	-58.71	-56.80	-30.00	26.80	1.91	RMS	Horizontal
5	4947.0750	-57.64	-55.85	-30.00	25.85	1.79	RMS	Horizontal
6	10796.1000	-72.35	-55.47	-30.00	25.47	16.88	RMS	Horizontal

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1598.0000	-43.86	-57.27	-30.00	27.27	-13.41	RMS	Vertical
2	1746.7000	-46.33	-59.22	-30.00	29.22	-12.89	RMS	Vertical
3	2478.8000	-32.29	-41.47	-30.00	11.47	-9.18	RMS	Vertical
4	4806.6750	-60.06	-58.08	-30.00	28.08	1.98	RMS	Vertical
5	6000.0750	-59.23	-56.28	-30.00	26.28	2.95	RMS	Vertical
6	11493.2250	-73.96	-55.16	-30.00	25.16	18.80	RMS	Vertical

5.7 RECEIVER SPURIOUS EMISSIONS

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

5.7.1 LIMIT

The spurious emissions of the receiver shall not exceed the values given in table 3.

In case of equipment with antenna connectors, these limits apply to emissions at the antenna port (conducted). For emissions radiated by the cabinet or for emissions radiated by integral antenna equipment (without antenna connectors), these limits are e.r.p. for emissions up to 1 GHz and e.i.r.p. for emissions above 1 GHz.

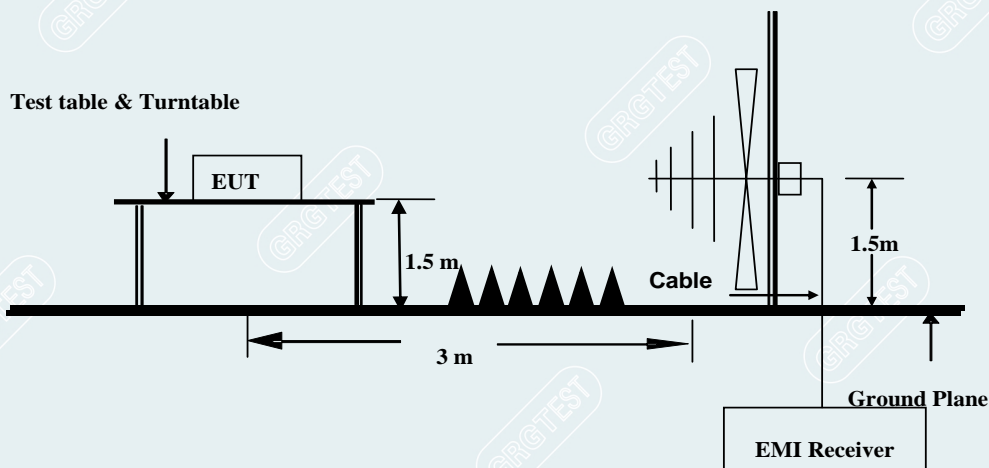
This device uses Radiated measurement.

Table 3: Spurious emission limits for receivers

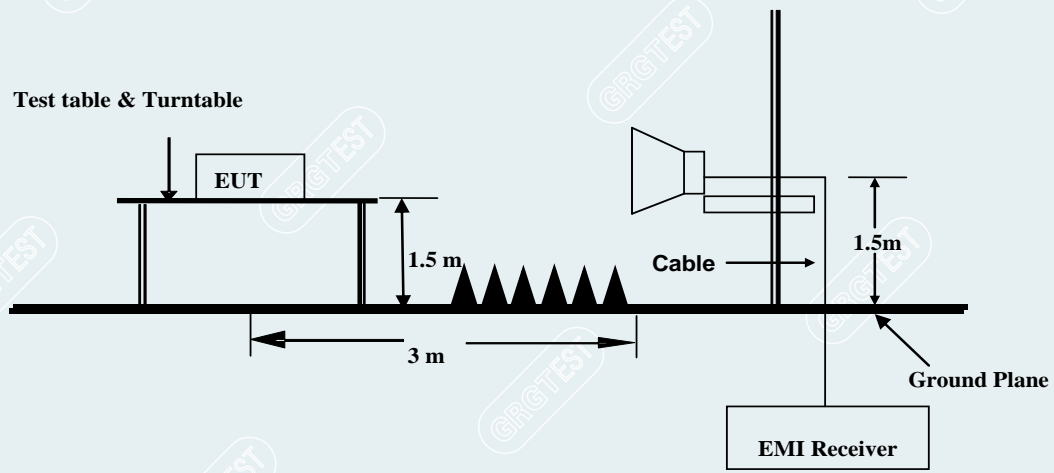
Frequency range	Maximum power	Bandwidth
30 MHz to 1 GHz	-57 dBm	100 kHz
1 GHz to 12,75 GHz	-47 dBm	1 MHz

5.7.2 TEST CONFIGURATION

30MHz~1000MHz



1000MHz~12750MHz



5.7.3 TEST PROCEDURES

Test channel: 2412MHz, 2472MHz for 802.11b/g/n HT20

Test condition: Normal test conditions.

Test procedure: Test procedure is according to EN 300 328 V2.2.2

1. The EUT shall be performed at the receiver mode and Interface cables, loads, and devices should be connected to at least one of each type of the interface ports of the EUT and, where practical, each cable shall be terminated in a device typical for its actual use. EUT shall be placed at the 1.5m support on the turntable.
2. The test antenna at a horizontal distance of 3 m .It shall be raised and Lowested from 1m to 4m until a maximum signal level is detected by the measuring receiver. Then the turntable should be rotated through 360 °in the horizontal plane, until the maximum signal level is detected by the measuring receiver. In both the vertical and the horizontal polarization. Record the reading level, antenna position, polarization and turntable position.
3. Remove the EUT and replace it with a substitution antenna.
4. Feed the substitution antenna at the EUT end with a signal generator connected to the antenna by a cable. With the antennas at both ends vertically polarized, and with the signal generator tuned to a particular test frequency, raise and Lowest the test antenna to obtain a maximum reading at the spectrum analyzer. Adjust the level of the signal generator output until the previously recorded maximum reading for this set of conditions is obtained. This should be done carefully repeating the adjustment of the test antenna and generator output.
5. $ERP(\text{dBm}) = Pg(\text{dBm}) - \text{cable loss (dB)} + \text{antenna gain (dBi)}$
 $EIRP(\text{dBm}) = Pg(\text{dBm}) - \text{cable loss (dB)} + \text{antenna gain (dBi)}$
Where:Pg is the generator output power into the substitution antenna

Remark:

Pre-test all data rate and channel, found that 802.11b is the worst case, so only record the worst data.

5.7.4 DATA SAMPLE

Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB/m]	Detector	Polarity
XXX	-58.02	-73.33	-57.00	16.33	-15.31	RMS	Horizontal

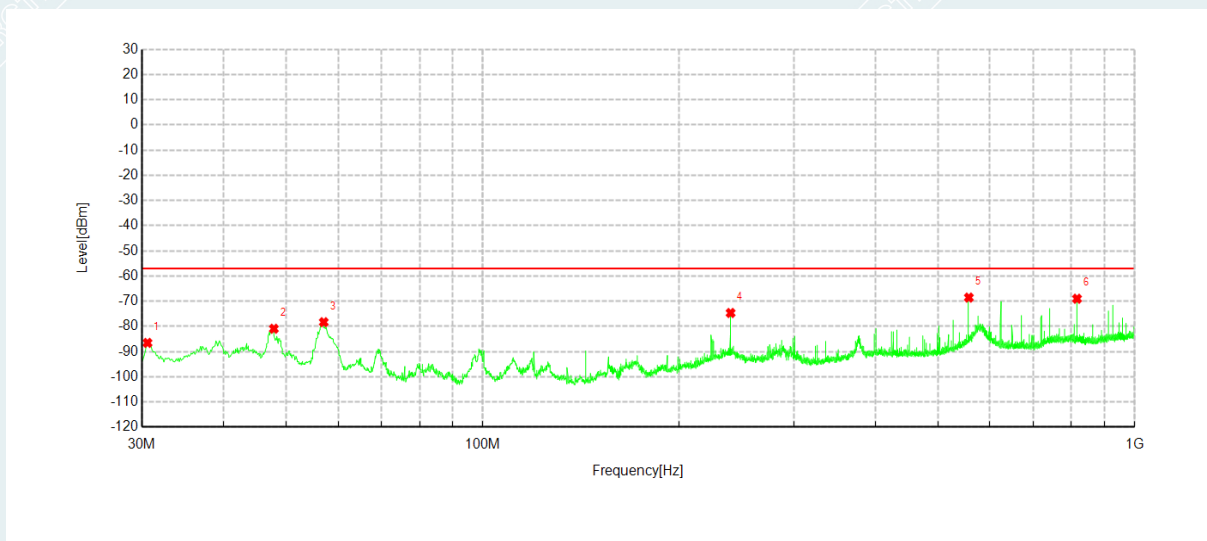
Frequency (MHz)	= Emission frequency in MHz
Reading (dBm)	= Uncorrected Analyzer / Receiver reading
Correct Factor (dB/m)	= Antenna factor + Cable loss – Amplifier gain
Result (dBm)	= Reading (dBm) + Corr. Factor (dB/m)
Limit (dBm)	= Limit stated in standard
Margin (dB)	= Result (dBm) – Limit(dBm)
RMS	= Root Mean Square

5.7.5 TEST RESULTS

Below 1GHz

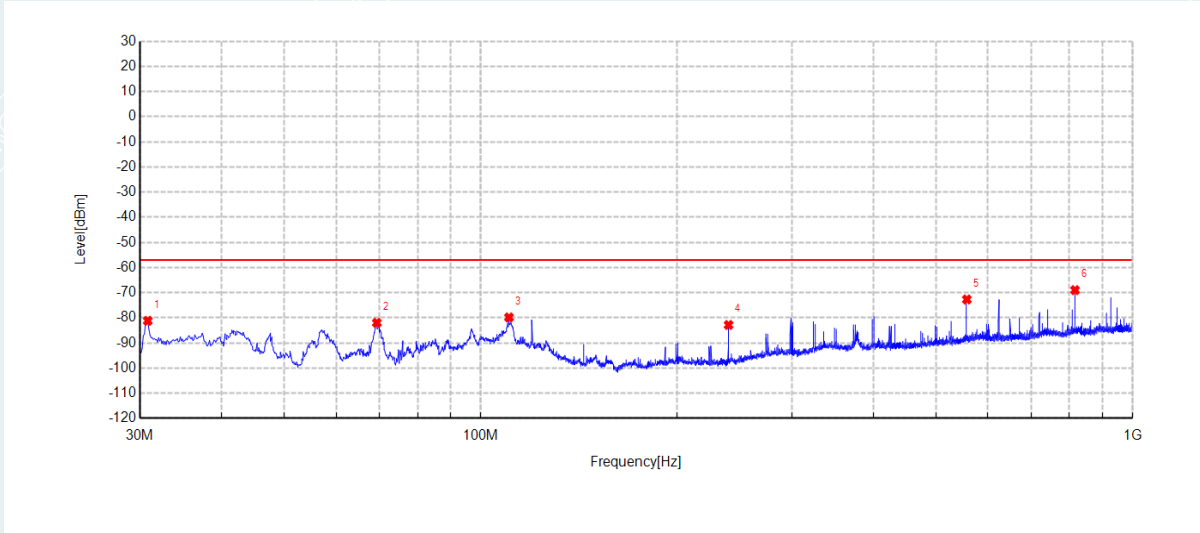
Recorded the worst case results in this report (IEEE 802.11b)

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11b 2412MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1 °C;Humi:48%	Engineer:	Lu Qiang



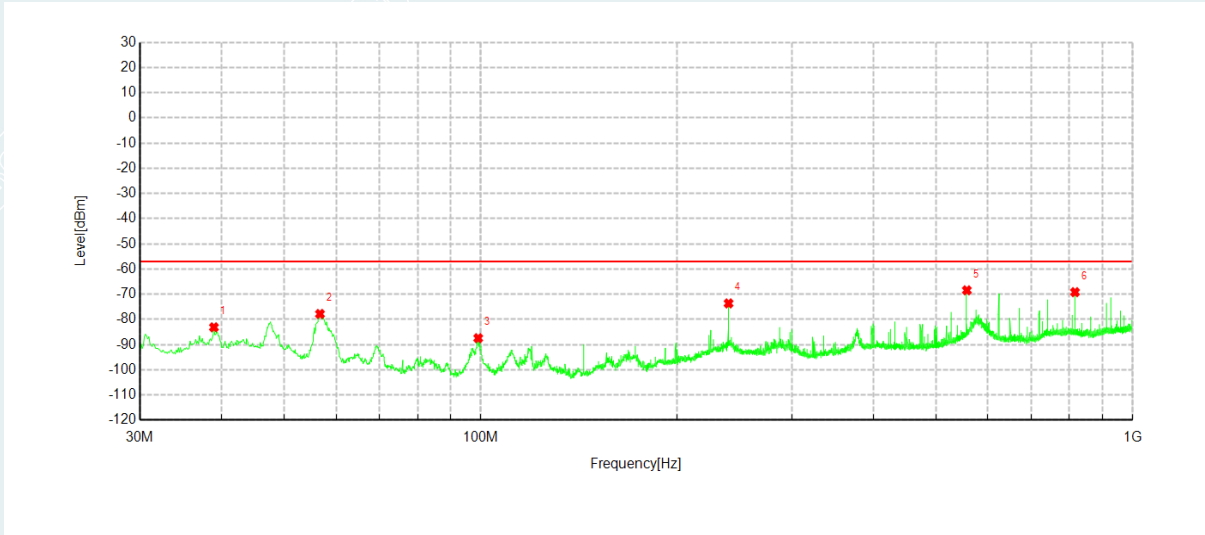
Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	30.6063	-71.80	-86.53	-57.00	29.53	-14.73	RMS	Horizontal
2	47.8238	-67.44	-80.92	-57.00	23.92	-13.48	RMS	Horizontal
3	57.0388	-62.97	-78.31	-57.00	21.31	-15.34	RMS	Horizontal
4	240.0050	-60.70	-74.66	-57.00	17.66	-13.96	RMS	Horizontal
5	556.8313	-58.82	-68.54	-57.00	11.54	-9.72	RMS	Horizontal
6	815.9425	-63.03	-69.01	-57.00	12.01	-5.98	RMS	Horizontal

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11b 2412MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1 °C ;Humi:48%	Engineer:	Lu Qiang



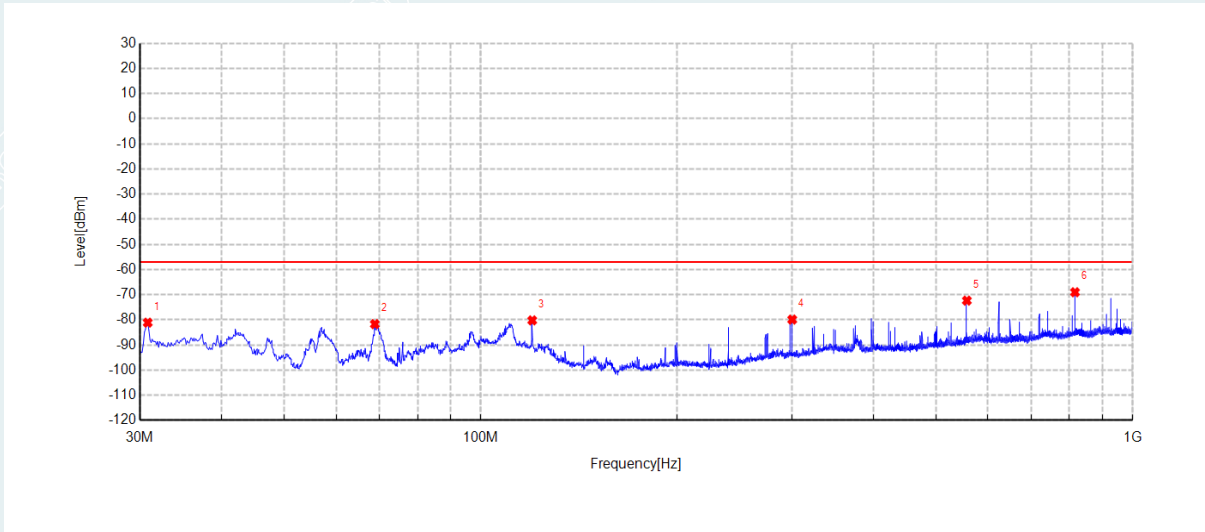
Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	30.8488	-57.26	-81.17	-57.00	24.17	-23.91	RMS	Vertical
2	69.2850	-59.63	-81.97	-57.00	24.97	-22.34	RMS	Vertical
3	110.5100	-68.27	-79.83	-57.00	22.83	-11.56	RMS	Vertical
4	240.0050	-63.36	-82.83	-57.00	25.83	-19.47	RMS	Vertical
5	556.8313	-62.56	-72.69	-57.00	15.69	-10.13	RMS	Vertical
6	815.9425	-62.77	-68.97	-57.00	11.97	-6.20	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11b 2472MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Lu Qiang



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	38.9725	-71.25	-83.12	-57.00	26.12	-11.87	RMS	Horizontal
2	56.6750	-62.55	-77.82	-57.00	20.82	-15.27	RMS	Horizontal
3	99.1125	-64.72	-87.44	-57.00	30.44	-22.72	RMS	Horizontal
4	240.0050	-59.67	-73.63	-57.00	16.63	-13.96	RMS	Horizontal
5	556.8313	-58.72	-68.44	-57.00	11.44	-9.72	RMS	Horizontal
6	815.9425	-63.19	-69.17	-57.00	12.17	-5.98	RMS	Horizontal

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11b 2472MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Lu Qiang



Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	30.8488	-57.21	-81.12	-57.00	24.12	-23.91	RMS	Vertical
2	68.8000	-59.49	-81.70	-57.00	24.70	-22.21	RMS	Vertical
3	119.9675	-66.76	-80.21	-57.00	23.21	-13.45	RMS	Vertical
4	300.5088	-64.37	-79.89	-57.00	22.89	-15.52	RMS	Vertical
5	556.8313	-62.22	-72.35	-57.00	15.35	-10.13	RMS	Vertical
6	815.9425	-62.82	-69.02	-57.00	12.02	-6.20	RMS	Vertical

Above 1GHz

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11b 2412MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1 °C;Humi:48%	Engineer:	Chen Xiacong

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1594.1038	-41.58	-56.10	-47.00	9.10	-14.52	RMS	Horizontal
2	2399.2460	-48.26	-58.51	-47.00	11.51	-10.25	RMS	Horizontal
3	4806.6823	-58.20	-56.77	-47.00	9.77	1.43	RMS	Horizontal
4	6000.0600	-58.42	-56.53	-47.00	9.53	1.89	RMS	Horizontal
5	8813.5925	-68.57	-55.79	-47.00	8.79	12.78	RMS	Horizontal
6	10804.5922	-72.10	-55.19	-47.00	8.19	16.91	RMS	Horizontal

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1397.6359	-48.06	-60.47	-47.00	13.47	-12.41	RMS	Vertical
2	2389.8456	-48.81	-58.60	-47.00	11.60	-9.79	RMS	Vertical
3	4806.6823	-59.31	-57.81	-47.00	10.81	1.50	RMS	Vertical
4	6000.0600	-59.61	-57.33	-47.00	10.33	2.28	RMS	Vertical
5	10799.8920	-70.67	-53.99	-47.00	6.99	16.68	RMS	Vertical
6	11500.2200	-73.23	-54.02	-47.00	7.02	19.21	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11b 2472MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiaocong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1752.5001	-47.28	-62.28	-47.00	15.28	-15.00	RMS	Horizontal
2	2386.5555	-48.56	-58.58	-47.00	11.58	-10.02	RMS	Horizontal
3	4806.6823	-59.22	-57.79	-47.00	10.79	1.43	RMS	Horizontal
4	6000.0600	-59.67	-57.78	-47.00	10.78	1.89	RMS	Horizontal
5	8815.0026	-68.54	-55.80	-47.00	8.80	12.74	RMS	Horizontal
6	11391.6457	-72.06	-54.42	-47.00	7.42	17.64	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1397.1659	-49.59	-62.02	-47.00	15.02	-12.43	RMS	Vertical
2	1594.5738	-44.92	-59.24	-47.00	12.24	-14.32	RMS	Vertical
3	2389.8456	-49.89	-59.68	-47.00	12.68	-9.79	RMS	Vertical
4	3604.3742	-58.16	-61.05	-47.00	14.05	-2.89	RMS	Vertical
5	4806.6823	-59.23	-57.73	-47.00	10.73	1.50	RMS	Vertical
6	6000.0600	-58.93	-56.65	-47.00	9.65	2.28	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11g 2412MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiaocong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1395.7558	-47.40	-60.02	-47.00	13.02	-12.62	RMS	Horizontal
2	2389.3756	-49.83	-59.90	-47.00	12.90	-10.07	RMS	Horizontal
3	4806.6823	-58.99	-57.56	-47.00	10.56	1.43	RMS	Horizontal
4	6000.0600	-59.19	-57.30	-47.00	10.30	1.89	RMS	Horizontal
5	8712.5385	-68.92	-56.24	-47.00	9.24	12.68	RMS	Horizontal
6	10798.0119	-72.11	-55.16	-47.00	8.16	16.95	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1593.6337	-43.97	-58.31	-47.00	11.31	-14.34	RMS	Vertical
2	2396.8959	-47.90	-57.75	-47.00	10.75	-9.85	RMS	Vertical
3	3189.3476	-55.63	-62.16	-47.00	15.16	-6.53	RMS	Vertical
4	4806.6823	-59.30	-57.80	-47.00	10.80	1.50	RMS	Vertical
5	6000.0600	-59.36	-57.08	-47.00	10.08	2.28	RMS	Vertical
6	8803.7221	-69.06	-56.26	-47.00	9.26	12.80	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11g 2472MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiacong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1595.9838	-47.09	-61.59	-47.00	14.59	-14.50	RMS	Horizontal
2	2394.5458	-49.55	-59.71	-47.00	12.71	-10.16	RMS	Horizontal
3	3687.5675	-58.98	-62.19	-47.00	15.19	-3.21	RMS	Horizontal
4	4806.6823	-58.69	-57.26	-47.00	10.26	1.43	RMS	Horizontal
5	6000.0600	-58.35	-56.46	-47.00	9.46	1.89	RMS	Horizontal
6	10800.3620	-72.29	-55.23	-47.00	8.23	17.06	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1398.5759	-45.71	-58.07	-47.00	11.07	-12.36	RMS	Vertical
2	2389.8456	-49.38	-59.17	-47.00	12.17	-9.79	RMS	Vertical
3	2987.2395	-52.44	-60.54	-47.00	13.54	-8.10	RMS	Vertical
4	4806.6823	-59.63	-58.13	-47.00	11.13	1.50	RMS	Vertical
5	6000.0600	-58.69	-56.41	-47.00	9.41	2.28	RMS	Vertical
6	8902.8961	-68.98	-56.32	-47.00	9.32	12.66	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11n20 2412MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiaocong

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1974.8190	-55.95	-64.83	-47.00	17.83	-8.88	RMS	Horizontal
2	2389.3756	-46.07	-56.14	-47.00	9.14	-10.07	RMS	Horizontal
3	2998.5199	-53.41	-61.25	-47.00	14.25	-7.84	RMS	Horizontal
4	4806.6823	-59.10	-57.67	-47.00	10.67	1.43	RMS	Horizontal
5	6000.0600	-59.26	-57.37	-47.00	10.37	1.89	RMS	Horizontal
6	8999.7200	-68.34	-55.99	-47.00	8.99	12.35	RMS	Horizontal

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1598.8040	-42.82	-57.05	-47.00	10.05	-14.23	RMS	Vertical
2	2389.8456	-49.86	-59.65	-47.00	12.65	-9.79	RMS	Vertical
3	3196.8679	-55.28	-61.87	-47.00	14.87	-6.59	RMS	Vertical
4	4806.6823	-58.79	-57.29	-47.00	10.29	1.50	RMS	Vertical
5	6000.0600	-58.10	-55.82	-47.00	8.82	2.28	RMS	Vertical
6	7144.0858	-66.64	-58.10	-47.00	11.10	8.54	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX 802.11n20 2472MHz	Voltage:	230V/50Hz
Environment:	Temp:25.1℃;Humi:48%	Engineer:	Chen Xiacong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1593.6337	-42.55	-57.08	-47.00	10.08	-14.53	RMS	Horizontal
2	2391.2557	-49.63	-59.74	-47.00	12.74	-10.11	RMS	Horizontal
3	2987.7095	-54.39	-62.39	-47.00	15.39	-8.00	RMS	Horizontal
4	4806.6823	-59.29	-57.86	-47.00	10.86	1.43	RMS	Horizontal
5	6000.0600	-58.42	-56.53	-47.00	9.53	1.89	RMS	Horizontal
6	8999.7200	-68.17	-55.82	-47.00	8.82	12.35	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1597.3939	-40.10	-54.36	-47.00	7.36	-14.26	RMS	Vertical
2	2389.3756	-49.72	-59.51	-47.00	12.51	-9.79	RMS	Vertical
3	4806.6823	-58.89	-57.39	-47.00	10.39	1.50	RMS	Vertical
4	6000.0600	-59.52	-57.24	-47.00	10.24	2.28	RMS	Vertical
5	7238.5595	-66.33	-57.33	-47.00	10.33	9.00	RMS	Vertical
6	9224.3890	-68.94	-55.91	-47.00	8.91	13.03	RMS	Vertical

5.8 RECEIVER BLOCKING

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

5.8.1 LIMIT

For equipment that supports a PER or FER test to be performed, the minimum performance criterion shall be a PER or FER less than or equal to 10 %.

For equipment that does not support a PER or a FER test to be performed, the minimum performance criterion shall be no loss of the wireless transmission function needed for the intended use of the equipment.

The blocking levels at specified frequency offsets shall be equal to or greater than the limits defined for.

Receiver Blocking parameters for Receiver Category 1 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 4)	Blocking Signal frequency (MHz)	Blocking signal power (dBm) (see note 4)	Type of blocking signal
$(-133\text{dBm} + 10 \times \log_{10}(\text{OCBW}))$ or -68dBm whichever is less (see note 2)	2380 2504	-34	CW
$(-139\text{dBm} + 10 \times \log_{10}(\text{OCBW}))$ or -74dBm whichever is less (see note 3)	2300 2330 2360 2524 2584 2674		

NOTE 1: OCBW is in Hz.

NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 26$ dB where P_{\min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 3: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 20$ dB where P_{\min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 4: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

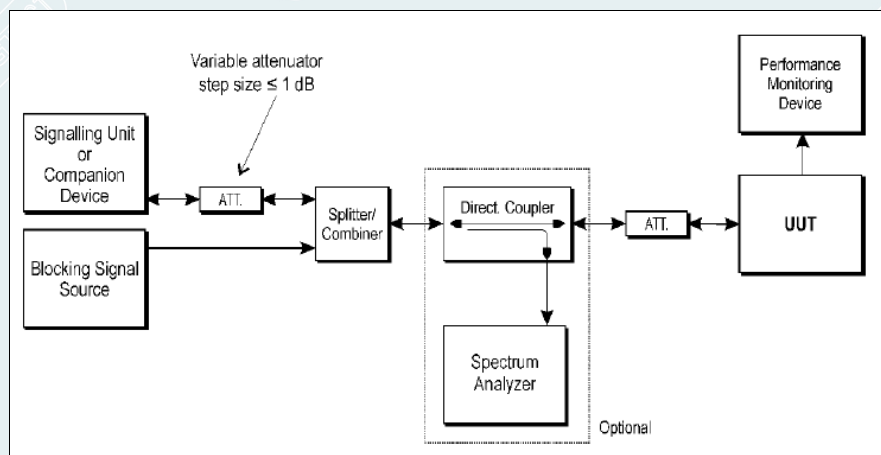
Receiver Blocking parameters for Receiver Category 2 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking Signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
$(-139\text{dBm} + 10 \times \log_{10}(\text{OCBW}) + 10\text{dBm})$ or $(-74\text{dBm} + 10\text{dBm})$ whichever is less (see note 2)	2380 2504 2300 2584	-34	CW
<p>NOTE 1: OCBW is in Hz.</p> <p>NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 26$ dB where P_{\min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.</p> <p>NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.</p>			

Receiver Blocking parameters for Receiver Category 3 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking Signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
$(-139\text{dBm} + 10 \times \log_{10}(\text{OCBW}) + 20\text{dBm})$ or $(-74\text{dBm} + 20\text{dBm})$ whichever is less (see note 2)	2380 2504 2300 2584	-34	CW
<p>NOTE 1: OCBW is in Hz.</p> <p>NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 30$ dB where P_{\min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.</p> <p>NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.</p>			

5.8.2 TEST CONFIGURATION



5.8.3 TEST PROCEDURES

Test condition: Keep the EUT on the lowest and highest channel working mode.

Test procedure: Step 1:

Test condition: For non-FHSS equipment, the UUT shall be set to the lowest operating channel on which the blocking test has to be performed (see clause 5.4.11.1).

Step 2:

The blocking signal generator is set to the first frequency as defined in the appropriate table corresponding to the receiver category and type of equipment.

Step 3:

With the blocking signal generator switched off, a communication link is established between the UUT and the associated companion device using the test setup shown in figure 6.

Unless the option provided in note 2 of the applicable table referred to in clause 5.4.11.2.1 is used, the level of the wanted signal shall be set to the value provided in the table corresponding to the receiver category and type of equipment. The test procedure defined in clause 5.4.2, and more in particular clause 5.4.2.2.1.2, can be used to measure the (conducted) level of the wanted signal however no correction shall be made for antenna gain of the companion device (step 6 in clause 5.4.2.2.1.2 shall be ignored). This level may be measured directly at the output of the companion device and a correction is made for the coupling loss into the UUT. The actual level for the wanted signal shall be recorded in the test report.

- When the option provided in note 2 of the applicable table referred to in clause 5.4.11.2.1 is used, the attenuation of the variable attenuator shall be increased in 1 dB steps to a value at which the minimum performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3 is still met. The resulting level for the wanted signal at the input of the UUT is P_{min} . This signal level (P_{min}) is increased by the value provided in note 2 of the applicable table corresponding to the receiver category and type of equipment.

Step 4:

The blocking signal at the UUT is set to the level provided in the table corresponding to the receiver category and type of equipment.

If the performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3

are met then proceed to step 6.

Step 5:

If the performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3 is not met, step 3 and step 4 shall be repeated after that the frequency of the blocking signal set in step 2 has been increased with a value equal to the Occupied Channel Bandwidth except:

- For the blocking frequency 2 380 MHz, where this frequency offset shall be less than or equal to 10 MHz. If this frequency offset is more than 7 MHz, the level of the wanted signal shall be increased by 3 dB.

- For the blocking frequency 2 503,5 MHz, where this frequency offset shall be less than or equal to 10 MHz. If this frequency offset is more than 7 MHz, the level of the wanted signal shall be decreased by 3 dB.

If the performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3 is still not met, step 3 and step 4 shall be repeated after that the frequency of the blocking signal set in step 2 has been decreased with a value equal to the Occupied Channel Bandwidth except:

- For the blocking frequency 2 380 MHz, where this frequency offset shall be less than or equal to 10 MHz. If this frequency offset is more than 7 MHz, the level of the wanted signal shall be decreased by 3 dB.

- For the blocking frequency 2 503,5 MHz, where this frequency offset shall be less than or equal to 10 MHz. If this frequency offset is more than 7 MHz, the level of the wanted signal shall be increased by 3 dB.

If the performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3 is still not met, the UUT fails to comply with the Receiver Blocking requirement and step 6 and step 7 are no longer required.

It shall be recorded in the test report whether the shift of blocking frequencies as described in the present step was used.

Step 6:

Repeat step 4 and step 5 for each remaining combination of frequency and level for the blocking signal as provided in the table corresponding to the receiver category and type of equipment.

Step 7

For non-FHSS equipment, repeat step 2 to step 6 with the UUT operating at the highest operating channel on which the blocking test has to be performed (see clause 5.4.11.1).

Step 8

It shall be assessed and recorded in the test report whether the UUT complies with the Receiver Blocking requirement.

Keep the EUT on the lowest and highest channel working mode.

If the equipment can be configured to operate with different Nominal Channel Bandwidths (e.g. 20 MHz and 40 MHz) and different data rates, then the combination of the smallest channel bandwidth and the lowest data rate for this channel bandwidth which still allows the equipment to operate as intended shall be used.

Remark:

Test channel: 2412MHz, 2472MHz for 802.11b

5.8.4 TEST RESULTS

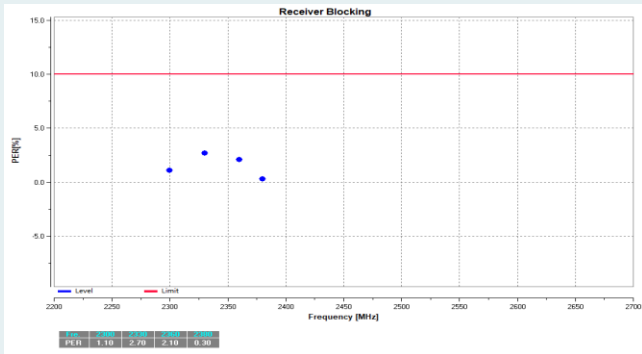
Test Date (yy-mm-dd): 2021-09-26

Test environment: Normal condition:

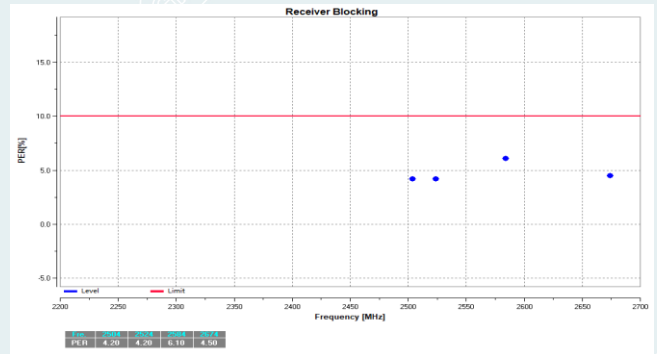
Temp: 23.4°C, Humid:49%

TestMode	Antenna	Channel	Wanted signal[dBm]	Freq.[MHz]	CW [dBm]	PER[%]	Limit[%]	Verdict
802.11b	Ant1	2412	-72.5	2300	-32.5	1.10	≤10	PASS
			-72.5	2330	-32.5	2.70	≤10	PASS
			-72.5	2360	-32.5	2.10	≤10	PASS
			-66.5	2380	-32.5	0.30	≤10	PASS
		2472	-66.5	2504	-32.5	4.20	≤10	PASS
			-72.5	2524	-32.5	4.20	≤10	PASS
			-72.5	2584	-32.5	6.10	≤10	PASS
			-72.5	2674	-32.5	4.50	≤10	PASS

Test screenshots



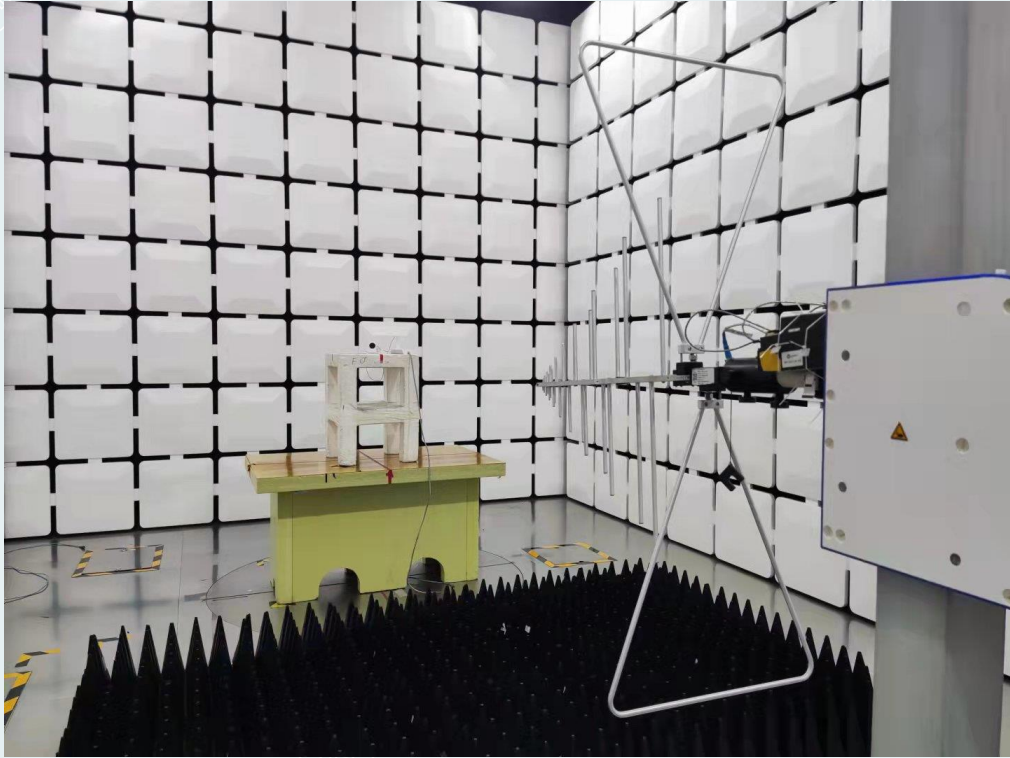
11b_2412



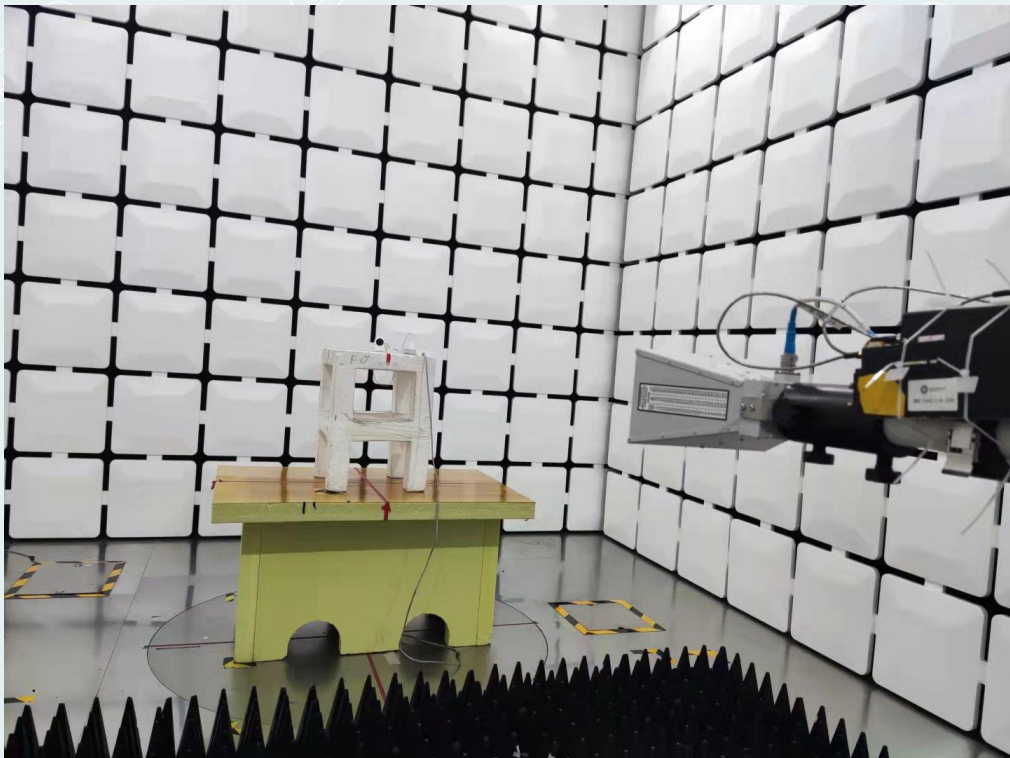
11b_2472

6 APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Below 1GHz:



Above 1GHz:



7 APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E20210914342601-1-EUT Photo.

----- End of Report -----