Appendix for Band DCS1800

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1. Transmitter - Frequency error and phase error

1.1 Test Result

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1710.2 (MHz) PCL=0	NTNV	5.04	171.02	PASS	RMS	0.61	5	PASS
					Peak	-2.31	20	PASS
	HTHV	16.92	171.02	PASS	RMS	0.57	5	PASS
					Peak	-2.73	20	PASS
	HTLV	6.59	171.02	PASS	RMS	0.59	5	PASS
					Peak	-2.56	20	PASS
	LTHV	4.75	171.02	PASS	RMS	0.59	5	PASS
					Peak	-2.18	20	PASS
	LTLV	5.29	171.02	PASS	RMS	0.59	5	PASS
					Peak	-2.43	20	PASS
	Vibration	4.58	171.02	PASS	RMS	0.55	5	PASS
					Peak	-2.28	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1710.2 (MHz) PCL=7	NTNV	2.32	171.02	PASS	RMS	0.58	5	PASS
					Peak	-2.14	20	PASS
	HTHV	-3.68	171.02	PASS	RMS	0.59	5	PASS
					Peak	-2.26	20	PASS
	HTLV	3.84	171.02	PASS	RMS	0.57	5	PASS
					Peak	-2.6	20	PASS
	LTHV	-0.19	171.02	PASS	RMS	0.55	5	PASS
					Peak	2.07	20	PASS
	LTLV	0.1	171.02	PASS	RMS	0.54	5	PASS
					Peak	-2.51	20	PASS
	Vibration	-0.23	171.02	PASS	RMS	0.56	5	PASS
					Peak	-2.01	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1710.2 (MHz) PCL=15	NTNV	7.14	171.02	PASS	RMS	0.54	5	PASS
					Peak	-1.95	20	PASS
	HTHV	4.49	171.02	PASS	RMS	0.56	5	PASS
					Peak	-2.37	20	PASS
	HTLV	5.1	171.02	PASS	RMS	0.56	5	PASS
					Peak	-2.59	20	PASS
	LTHV	1.23	171.02	PASS	RMS	0.54	5	PASS
					Peak	-2	20	PASS
	LTLV	8.23	171.02	PASS	RMS	0.56	5	PASS
					Peak	2.13	20	PASS
	Vibration	6.88	171.02	PASS	RMS	0.53	5	PASS
					Peak	2.28	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1747.8	NTNV	-9.75	174.78	PASS	RMS	0.58	5	PASS
					Peak	2.18	20	PASS
	HTHV	-7.81	174.78	PASS	RMS	0.57	5	PASS
					Peak	-2.55	20	PASS

(MHz) PCL=0	HTLV	4.78	174.78	PASS	RMS	0.62	5	PASS
					Peak	-2.37	20	PASS
	LTHV	-13.82	174.78	PASS	RMS	0.6	5	PASS
					Peak	2.15	20	PASS
	LTLV	-14.04	174.78	PASS	RMS	0.62	5	PASS
					Peak	-2.56	20	PASS
	Vibration	-11.33	174.78	PASS	RMS	0.6	5	PASS
					Peak	-2.18	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1747.8 (MHz) PCL=7	NTNV	-7.1	174.78	PASS	RMS	0.61	5	PASS
					Peak	-2.24	20	PASS
	HTHV	0.87	174.78	PASS	RMS	0.6	5	PASS
					Peak	2.82	20	PASS
	HTLV	0.36	174.78	PASS	RMS	0.62	5	PASS
					Peak	-2.63	20	PASS
	LTHV	-2.91	174.78	PASS	RMS	0.59	5	PASS
					Peak	-2.83	20	PASS
	LTLV	-5.84	174.78	PASS	RMS	0.58	5	PASS
					Peak	-2.26	20	PASS
	Vibration	-4	174.78	PASS	RMS	0.68	5	PASS
					Peak	-2.6	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1747.8 (MHz) PCL=15	NTNV	-8.46	174.78	PASS	RMS	0.62	5	PASS
					Peak	-2.49	20	PASS
	HTHV	-5.68	174.78	PASS	RMS	0.58	5	PASS
					Peak	-2.7	20	PASS
	HTLV	-4.33	174.78	PASS	RMS	0.56	5	PASS
					Peak	-2.18	20	PASS
	LTHV	-5.78	174.78	PASS	RMS	0.56	5	PASS
					Peak	-2.35	20	PASS
	LTLV	-7.04	174.78	PASS	RMS	0.58	5	PASS
					Peak	-2.22	20	PASS
	Vibration	-7.97	174.78	PASS	RMS	0.67	5	PASS
					Peak	2.76	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1784.8 (MHz) PCL=0	NTNV	-13.98	178.48	PASS	RMS	0.6	5	PASS
					Peak	2.17	20	PASS
	HTHV	-4.26	178.48	PASS	RMS	0.6	5	PASS
					Peak	2.23	20	PASS
	HTLV	-2.65	178.48	PASS	RMS	0.63	5	PASS
					Peak	2.29	20	PASS
	LTHV	-8.49	178.48	PASS	RMS	0.63	5	PASS
					Peak	2.46	20	PASS
	LTLV	-15.88	178.48	PASS	RMS	0.59	5	PASS
					Peak	2.83	20	PASS
	Vibration	-11.4	178.48	PASS	RMS	0.57	5	PASS
					Peak	2.31	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1784.8 (MHz) PCL=7	NTNV	-18.47	178.48	PASS	RMS	0.63	5	PASS
					Peak	2.26	20	PASS
	HTHV	-20.95	178.48	PASS	RMS	0.63	5	PASS
					Peak	2.29	20	PASS
	HTLV	-17.85	178.48	PASS	RMS	0.63	5	PASS
					Peak	-2.08	20	PASS
	LTHV	-19.27	178.48	PASS	RMS	0.62	5	PASS
					Peak	-1.96	20	PASS
	LTLV	-20.66	178.48	PASS	RMS	0.62	5	PASS
					Peak	2.34	20	PASS
	Vibration	-20.73	178.48	PASS	RMS	0.64	5	PASS
					Peak	-2.16	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1784.8 (MHz) PCL=15	NTNV	-7.23	178.48	PASS	RMS	0.6	5	PASS
					Peak	2.22	20	PASS
	HTHV	-14.21	178.48	PASS	RMS	0.64	5	PASS
					Peak	2.42	20	PASS
	HTLV	-4.65	178.48	PASS	RMS	0.64	5	PASS
					Peak	-2.13	20	PASS
	LTHV	-3.65	178.48	PASS	RMS	0.64	5	PASS
					Peak	2.48	20	PASS
	LTLV	-5.1	178.48	PASS	RMS	0.6	5	PASS
					Peak	-1.99	20	PASS
	Vibration	-8.39	178.48	PASS	RMS	0.63	5	PASS
					Peak	2.28	20	PASS

2. Transmitter - Frequency error under multipath and interference conditions

2.1 Test Result

DCS1800	Test Condition	Fading Set	Frequency error(Hz)			Limit (Hz)	Verdict
			LCH 880.2MHz	LCH 902MHz	LCH 914.8MHz		
DCS1800 PCL=0	NTNV	RA130	RA130=-1.61	RA130=-12.33	RA130=-13.2	±400	PASS
		HT100	HT100=-4.26	HT100=-14.46	HT100=-11.01	±350	PASS
		TU3	TU3=0.03	TU3=-12.37	TU3=-9.52	±320	PASS
		TU50	TU50=-2.13	TU50=-12.59	TU50=-12.59	±260	PASS
	HTHV	RA130	RA130=0.61	RA130=8.65	RA130=6.36	±400	PASS
		HT100	HT100=2.26	HT100=5.39	HT100=5.33	±350	PASS
		TU3	TU3=3.36	TU3=-13.46	TU3=-12.62	±320	PASS
		TU50	TU50=2.23	TU50=-14.33	TU50=-5	±260	PASS
	HTLV	RA130	RA130=1.	RA130=-	RA130=-	±400	PASS

			1	14.27	14.24		
		HT100	HT100=-1.97	HT100=-13.01	HT100=-9.36	±350	PASS
		TU3	TU3=-3.45	TU3=-15.59	TU3=-9.75	±320	PASS
		TU50	TU50=0.65	TU50=-14.63	TU50=-15.85	±260	PASS
	LTHV	RA130	RA130=-0.32	RA130=-14.33	RA130=-11.69	±400	PASS
		HT100	HT100=0.29	HT100=-12.79	HT100=-9.94	±350	PASS
		TU3	TU3=-2.55	TU3=-13.37	TU3=-11.01	±320	PASS
		TU50	TU50=-2.52	TU50=-11.24	TU50=-12.98	±260	PASS
	LTLV	RA130	RA130=-1.94	RA130=-10.49	RA130=-10.2	±400	PASS
		HT100	HT100=-5.39	HT100=-12.88	HT100=-12.43	±350	PASS
		TU3	TU3=-2.94	TU3=-13.2	TU3=-12.2	±320	PASS
		TU50	TU50=-5.23	TU50=-9.72	TU50=-11.82	±260	PASS

DCS1800	Test Condition	Fading Set	Frequency error(Hz)			Limit (Hz)	Verdict
			LCH 880.2MHz	LCH 902MHz	LCH 914.8MHz		
DCS1800 PCL=7	NTNV	RA130	RA130=-15.59	RA130=-20.05	RA130=-6.91	±400	PASS
		HT100	HT100=-12.66	HT100=-16.66	HT100=-7.04	±350	PASS
		TU3	TU3=-13.95	TU3=-20.92	TU3=-7.85	±320	PASS
		TU50	TU50=-12.49	TU50=-14.01	TU50=-8.72	±260	PASS
	HTHV	RA130	RA130=-5.13	RA130=-5.62	RA130=-5	±400	PASS
		HT100	HT100=-3.23	HT100=-0.94	HT100=-4.13	±350	PASS
		TU3	TU3=-15.56	TU3=-20.08	TU3=-6.42	±320	PASS
		TU50	TU50=-2.87	TU50=-1.49	TU50=-1.87	±260	PASS
	HTLV	RA130	RA130=-14.08	RA130=-15.08	RA130=-5.81	±400	PASS
		HT100	HT100=-14.21	HT100=-13.11	HT100=-7.78	±350	PASS
		TU3	TU3=-15.21	TU3=-17.34	TU3=-10.23	±320	PASS
		TU50	TU50=-16.08	TU50=-20.92	TU50=-6.88	±260	PASS
	LTHV	RA130	RA130=-14.01	RA130=-17.43	RA130=-5.52	±400	PASS
		HT100	HT100=-18.53	HT100=-19.08	HT100=-7.72	±350	PASS
		TU3	TU3=-13.72	TU3=-16.37	TU3=-7.26	±320	PASS
		TU50	TU50=-11.2	TU50=-18.85	TU50=-8.88	±260	PASS
	LTLV	RA130	RA130=-	RA130=-	RA130=-	±400	PASS

			12.2	19.5	5.46		
		HT100	HT100=-13.24	HT100=-17.08	HT100=-10.17	±350	PASS
		TU3	TU3=-10.4	TU3=-17.89	TU3=-5.23	±320	PASS
		TU50	TU50=-13.3	TU50=-22.28	TU50=-7.1	±260	PASS

DCS1800	Test Condition	Fading Set	Frequency error(Hz)			Limit (Hz)	Verdict
			LCH 880.2MHz	LCH 902MHz	LCH 914.8MHz		
DCS1800 PCL=15	NTNV	RA130	RA130=-9.81	RA130=5.97	RA130=1.1	±400	PASS
		HT100	HT100=-8.85	HT100=6.97	HT100=-4.04	±350	PASS
		TU3	TU3=-7.1	TU3=4.94	TU3=-1.32	±320	PASS
		TU50	TU50=-11.24	TU50=7.23	TU50=-1.52	±260	PASS
	HTHV	RA130	RA130=-11.46	RA130=-4.84	RA130=-3.33	±400	PASS
		HT100	HT100=8.2	HT100=0.1	HT100=-0.32	±350	PASS
		TU3	TU3=-15.56	TU3=-2.52	TU3=-4.1	±320	PASS
		TU50	TU50=7.97	TU50=-0.9	TU50=-2.94	±260	PASS
	HTLV	RA130	RA130=-15.66	RA130=0.23	RA130=-3.49	±400	PASS
		HT100	HT100=-10.88	HT100=-1.49	HT100=-2.87	±350	PASS
		TU3	TU3=-11.69	TU3=4.88	TU3=-0.58	±320	PASS
		TU50	TU50=-8.46	TU50=3.58	TU50=-0.48	±260	PASS
	LTHV	RA130	RA130=-13.62	RA130=2	RA130=-4.55	±400	PASS
		HT100	HT100=-13.85	HT100=5.75	HT100=-1.52	±350	PASS
		TU3	TU3=-10.72	TU3=5.81	TU3=-4.97	±320	PASS
		TU50	TU50=-9.98	TU50=8.27	TU50=-3.68	±260	PASS
	LTLV	RA130	RA130=-13.69	RA130=5.84	RA130=-7.36	±400	PASS
		HT100	HT100=-12.01	HT100=8.2	HT100=-4.52	±350	PASS
		TU3	TU3=-12.24	TU3=6.17	TU3=-0.55	±320	PASS
		TU50	TU50=-11.85	TU50=7.26	TU50=-3.71	±260	PASS

3. Frequency error and phase error in GPRS multislot configuration

3.1 Test Result

DCS1800	Test	Frequency	Limit	Result	Phase Error	Limit	Result

	Condition	Error(Hz)	(Hz)		(degree)		(degree)	
Reference Frequency 1710.2 (MHz) GAMMA=3	NTNV	6.94	±171.02	PASS	RMS	0.67	5	PASS
					Peak	2.7	20	PASS
	HTHV	11.75	±171.02	PASS	RMS	0.63	5	PASS
					Peak	-2.46	20	PASS
	HTLV	11.04	±171.02	PASS	RMS	0.64	5	PASS
					Peak	-2.29	20	PASS
	LTHV	10.75	±171.02	PASS	RMS	0.67	5	PASS
					Peak	-2.41	20	PASS
	LTLV	10.88	±171.02	PASS	RMS	0.59	5	PASS
					Peak	2.45	20	PASS
	Vibration	5.94	±171.02	PASS	RMS	0.65	5	PASS
					Peak	-2.56	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1710.2 (MHz) GAMMA=10	NTNV	8.01	±171.02	PASS	RMS	0.57	5	PASS
					Peak	2.21	20	PASS
	HTHV	9.36	±171.02	PASS	RMS	0.71	5	PASS
					Peak	2.7	20	PASS
	HTLV	6.52	±171.02	PASS	RMS	0.63	5	PASS
					Peak	2.56	20	PASS
	LTHV	8.88	±171.02	PASS	RMS	0.64	5	PASS
					Peak	-2.31	20	PASS
	LTLV	7.14	±171.02	PASS	RMS	0.66	5	PASS
					Peak	2.62	20	PASS
	Vibration	4.65	±171.02	PASS	RMS	0.57	5	PASS
					Peak	2.27	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1710.2 (MHz) GAMMA=18	NTNV	10.88	±171.02	PASS	RMS	0.55	5	PASS
					Peak	-2.04	20	PASS
	HTHV	12.88	±171.02	PASS	RMS	0.57	5	PASS
					Peak	2.5	20	PASS
	HTLV	7.46	±171.02	PASS	RMS	0.59	5	PASS
					Peak	2.5	20	PASS
	LTHV	8.01	±171.02	PASS	RMS	0.57	5	PASS
					Peak	-2.47	20	PASS
	LTLV	6.46	±171.02	PASS	RMS	0.55	5	PASS
					Peak	2.19	20	PASS
	Vibration	6.72	±171.02	PASS	RMS	0.6	5	PASS
					Peak	2.25	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1747.8 (MHz) GAMMA=3	NTNV	-0.9	±174.78	PASS	RMS	0.68	5	PASS
					Peak	2.71	20	PASS
	HTHV	2.81	±174.78	PASS	RMS	0.61	5	PASS
					Peak	-2.33	20	PASS
	HTLV	-2.16	±174.78	PASS	RMS	0.63	5	PASS
					Peak	2.24	20	PASS
	LTHV	1.61	±174.78	PASS	RMS	0.61	5	PASS
					Peak	2.35	20	PASS
	LTLV	-1.1	±174.78	PASS	RMS	0.65	5	PASS

					Peak	2.25	20	PASS
	Vibration	1.13	±174.78	PASS	RMS	0.64	5	PASS
					Peak	2.77	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1747.8 (MHz) GAMMA=10	NTNV	-3.07	±174.78	PASS	RMS	0.71	5	PASS
					Peak	-2.6	20	PASS
	HTHV	0.52	±174.78	PASS	RMS	0.66	5	PASS
					Peak	2.36	20	PASS
	HTLV	-0.61	±174.78	PASS	RMS	0.69	5	PASS
					Peak	-2.58	20	PASS
	LTHV	-0.03	±174.78	PASS	RMS	0.61	5	PASS
					Peak	2.68	20	PASS
	LTLV	-2	±174.78	PASS	RMS	0.7	5	PASS
					Peak	2.55	20	PASS
	Vibration	-0.77	±174.78	PASS	RMS	0.65	5	PASS
					Peak	2.68	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1747.8 (MHz) GAMMA=18	NTNV	2.78	±174.78	PASS	RMS	0.62	5	PASS
					Peak	-2.55	20	PASS
	HTHV	2.78	±174.78	PASS	RMS	0.71	5	PASS
					Peak	2.97	20	PASS
	HTLV	4.1	±174.78	PASS	RMS	0.7	5	PASS
					Peak	2.68	20	PASS
	LTHV	1.9	±174.78	PASS	RMS	0.7	5	PASS
					Peak	-2.55	20	PASS
	LTLV	2.71	±174.78	PASS	RMS	0.63	5	PASS
					Peak	2.36	20	PASS
	Vibration	1.26	±174.78	PASS	RMS	0.67	5	PASS
					Peak	2.68	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1784.8 (MHz) GAMMA=3	NTNV	5.62	±178.48	PASS	RMS	0.63	5	PASS
					Peak	-2.22	20	PASS
	HTHV	5.84	±178.48	PASS	RMS	0.64	5	PASS
					Peak	-2.46	20	PASS
	HTLV	7.3	±178.48	PASS	RMS	0.59	5	PASS
					Peak	2.74	20	PASS
	LTHV	4.65	±178.48	PASS	RMS	0.64	5	PASS
					Peak	-2.4	20	PASS
	LTLV	2.65	±178.48	PASS	RMS	0.63	5	PASS
					Peak	2.7	20	PASS
	Vibration	5.88	±178.48	PASS	RMS	0.68	5	PASS
					Peak	2.79	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency	NTNV	4.75	±178.48	PASS	RMS	0.61	5	PASS
					Peak	-2.39	20	PASS
	HTHV	2.32	±178.48	PASS	RMS	0.59	5	PASS

1784.8 (MHz) GAMMA=10					Peak	-2.5	20	PASS
	HTLV	1.71	±178.48	PASS	RMS	0.59	5	PASS
					Peak	3.2	20	PASS
	LTHV	2.87	±178.48	PASS	RMS	0.64	5	PASS
					Peak	2.51	20	PASS
	LTLV	6.88	±178.48	PASS	RMS	0.66	5	PASS
					Peak	-2.58	20	PASS
	Vibration	4.52	±178.48	PASS	RMS	0.63	5	PASS
					Peak	-2.26	20	PASS

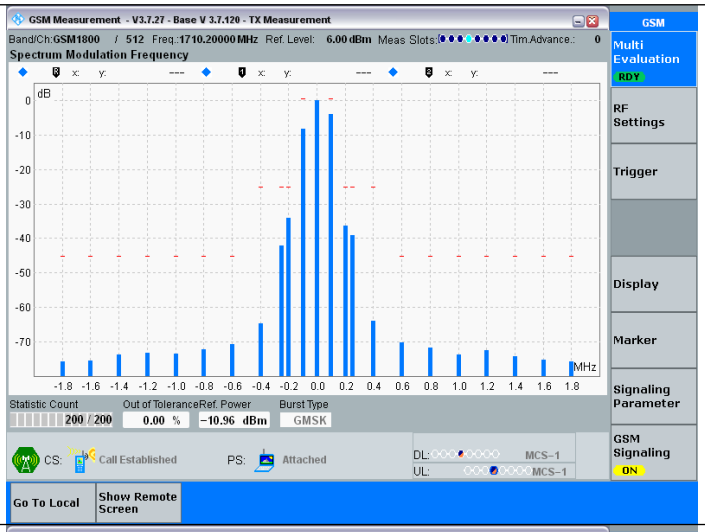
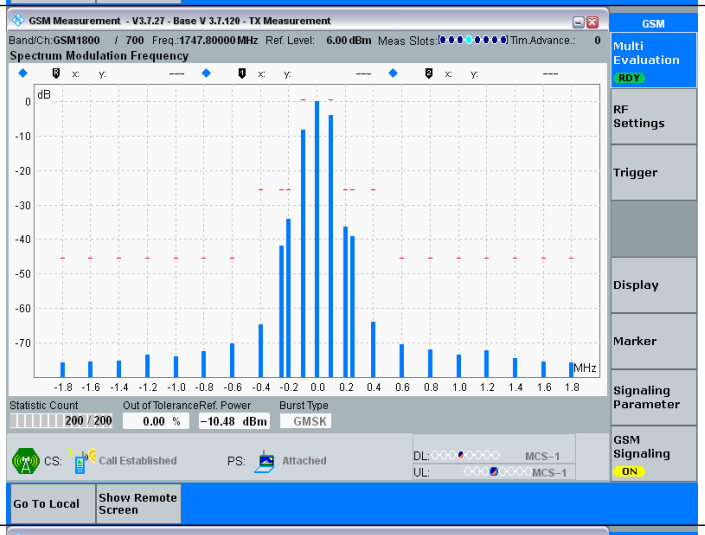
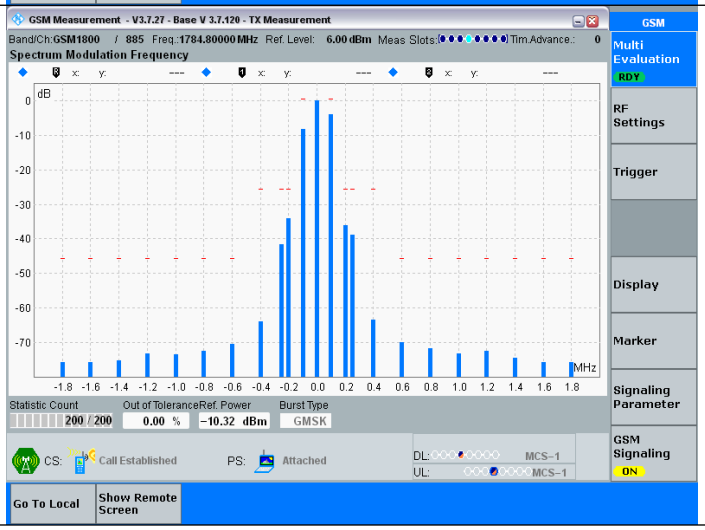
DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1784.8 (MHz) GAMMA=18	NTNV	5.42	±178.48	PASS	RMS	0.64	5	PASS
					Peak	2.33	20	PASS
	HTHV	4	±178.48	PASS	RMS	0.63	5	PASS
					Peak	2.29	20	PASS
	HTLV	8.72	±178.48	PASS	RMS	0.64	5	PASS
					Peak	2.21	20	PASS
	LTHV	7.62	±178.48	PASS	RMS	0.65	5	PASS
					Peak	-2.55	20	PASS
	LTLV	7.07	±178.48	PASS	RMS	0.66	5	PASS
					Peak	2.31	20	PASS
	Vibration	8.3	±178.48	PASS	RMS	0.65	5	PASS
					Peak	2.22	20	PASS

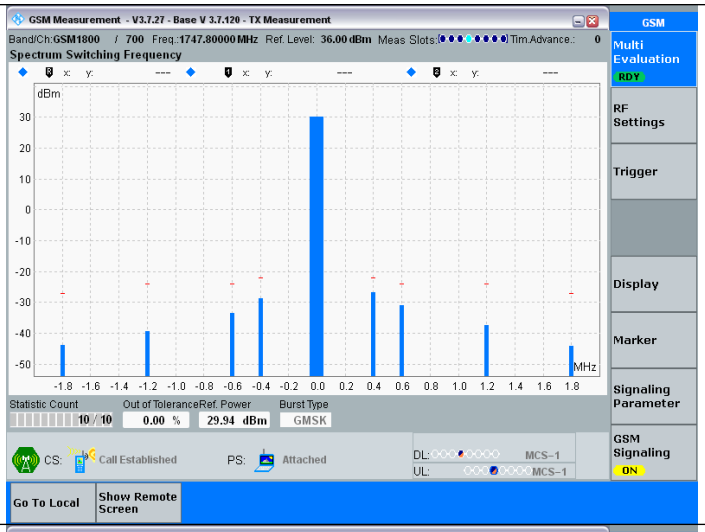
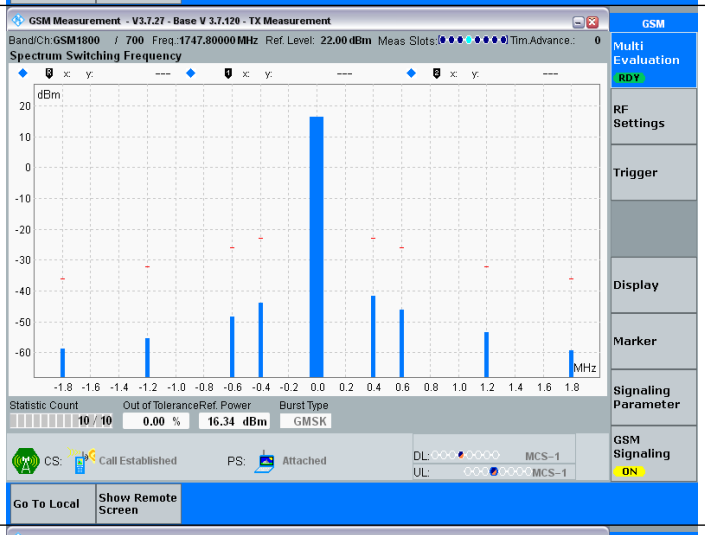
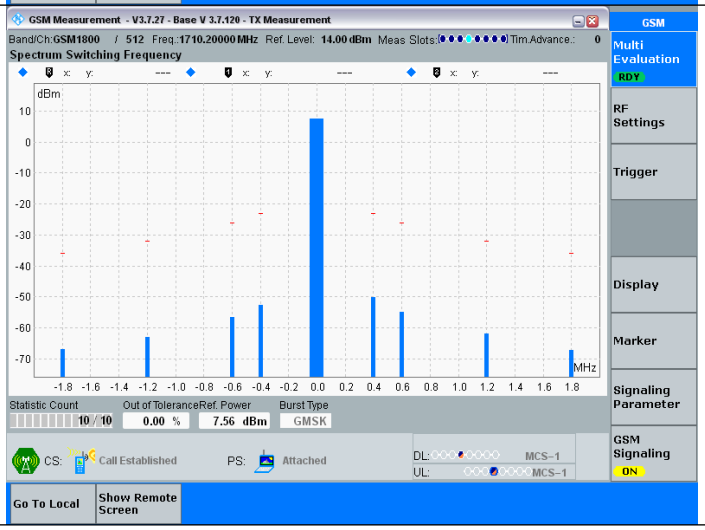
4. Transmitter - Output RF spectrum

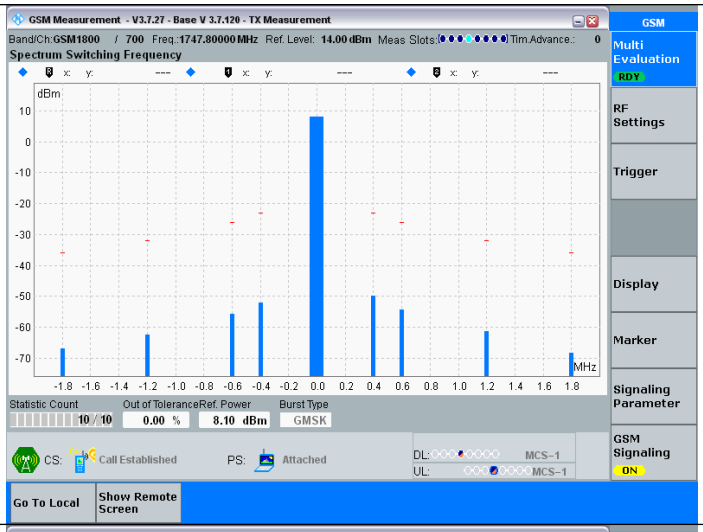
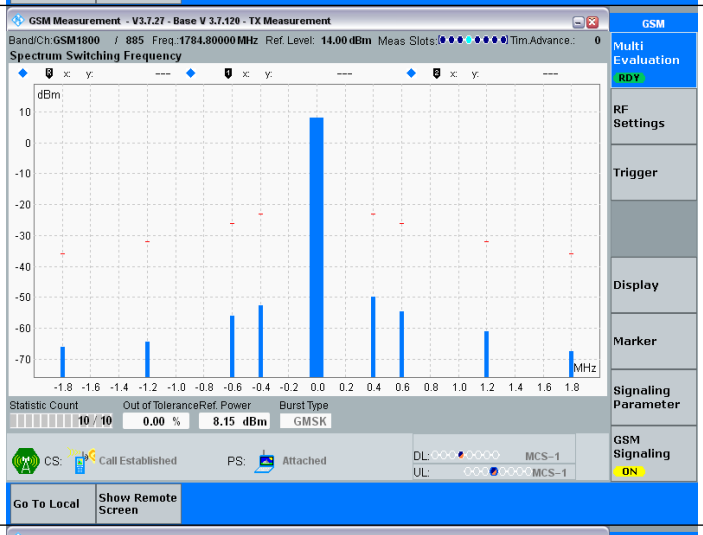
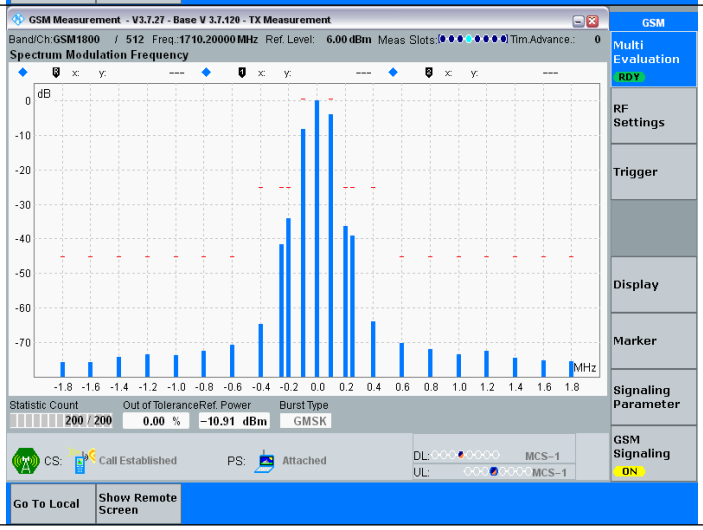
4.1 Test Result

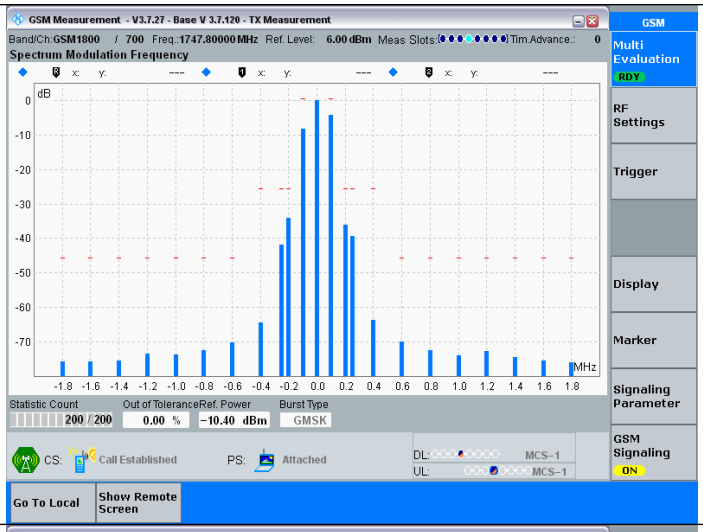
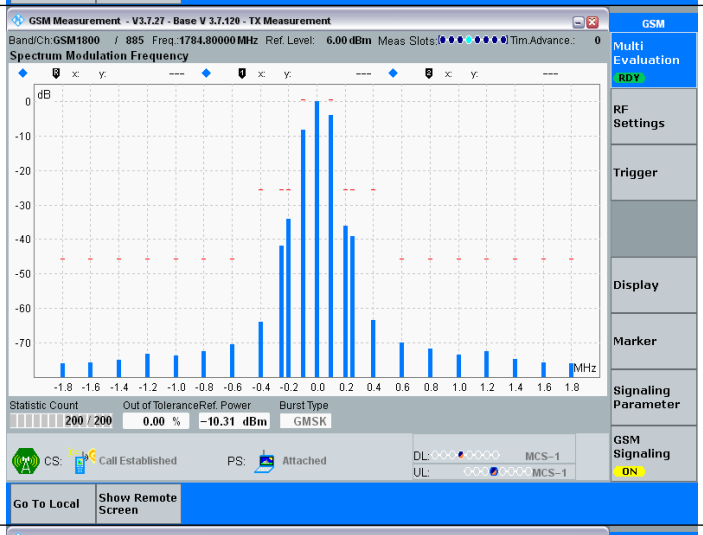
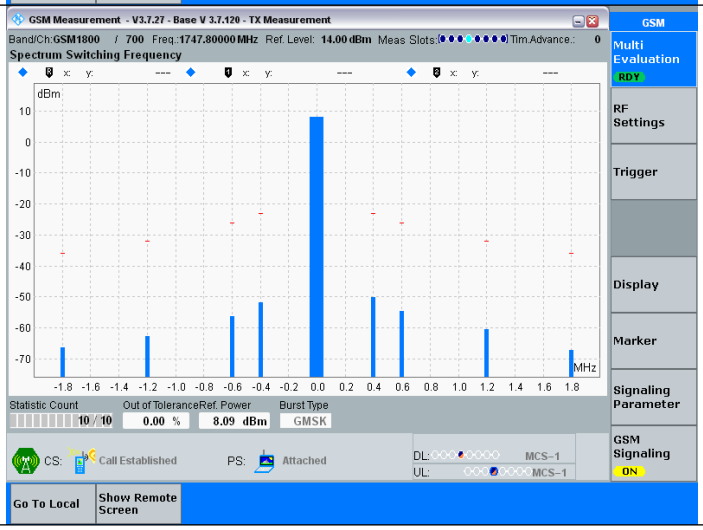
Test Mode	Test Condition	Case No.	PCL	Channel	Verdict
DCS1800	NTNV	1	00	MCH	PASS
		2	15	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	00	MCH	PASS
			07	MCH	PASS
			11	LCH	PASS
				MCH	PASS
				HCH	PASS
	HTHV	2	15	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	11	MCH	PASS
	HTLV	2	15	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	11	MCH	PASS
	LTHV	2	15	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	11	MCH	PASS
	LTLV	2	15	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	11	MCH	PASS

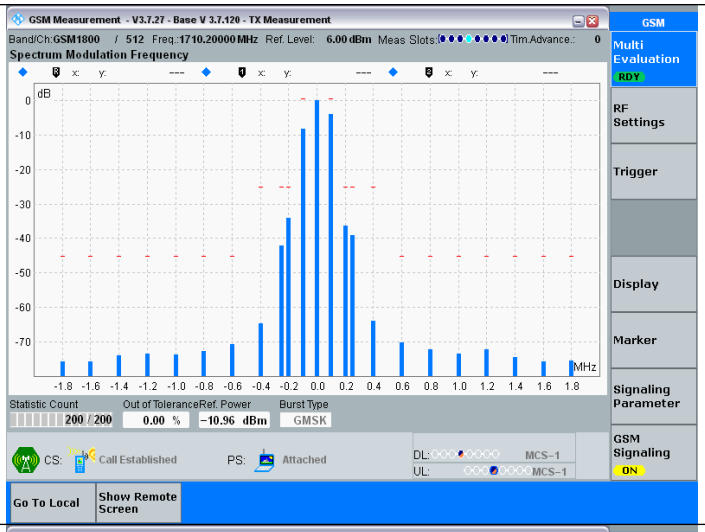
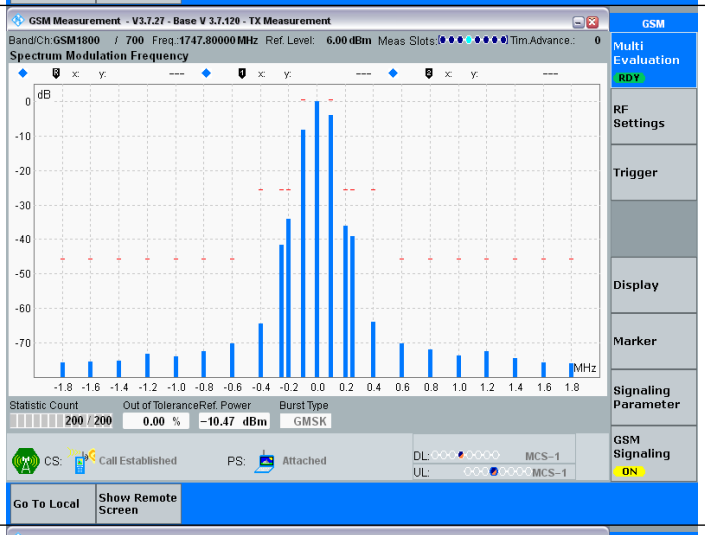
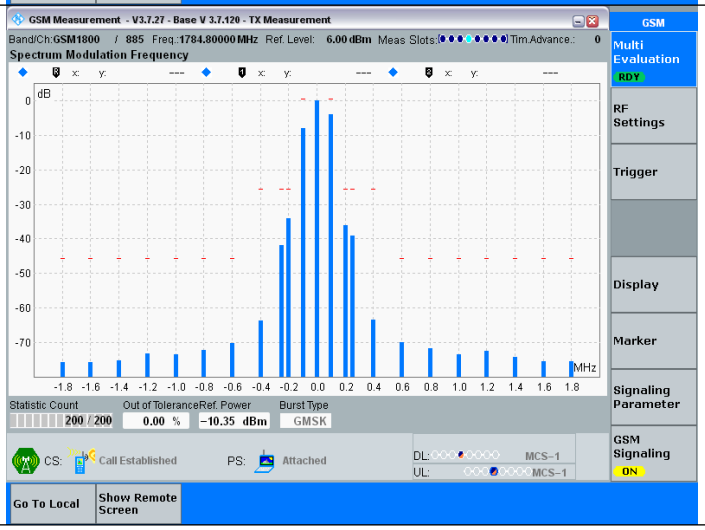
4.2 Test Graph

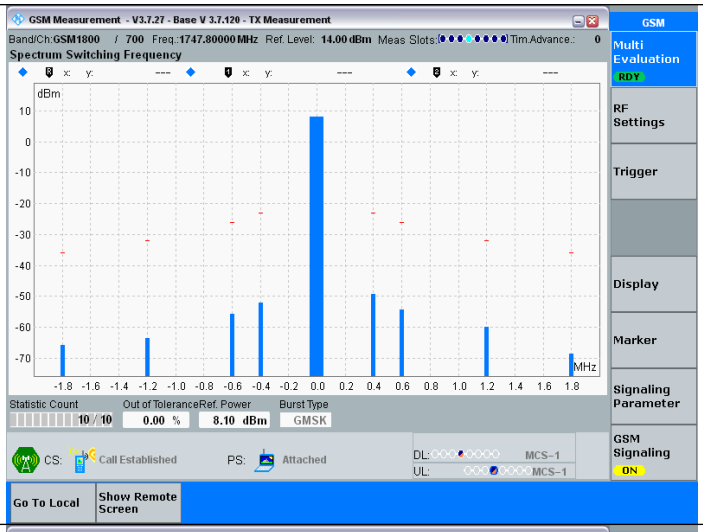
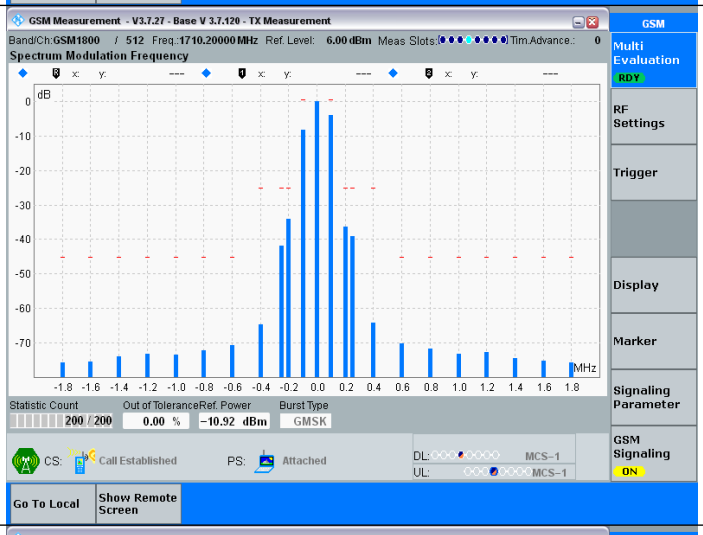
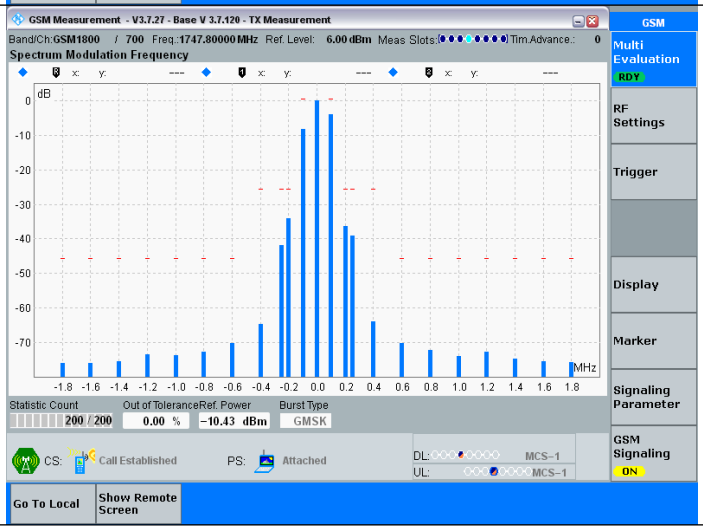
NTNV GSM Frequency: 1710.2 Spectrum Modulation	
NTNV GSM Frequency: 1747.8 Spectrum Modulation	
NTNV GSM Frequency: 1784.8 Spectrum Modulation	

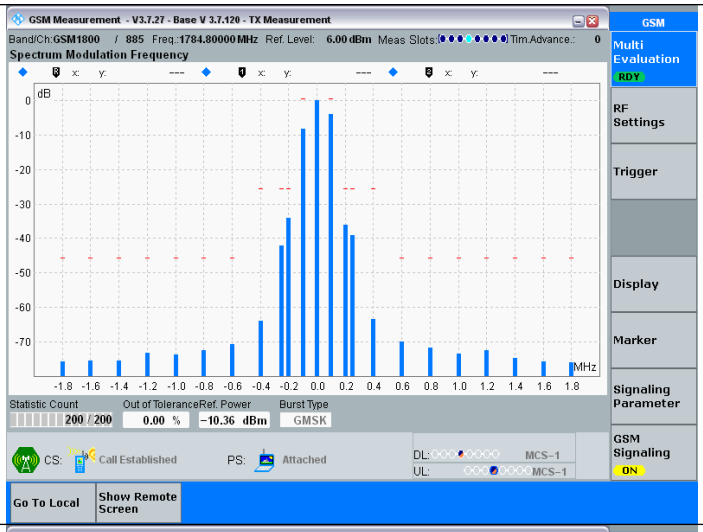
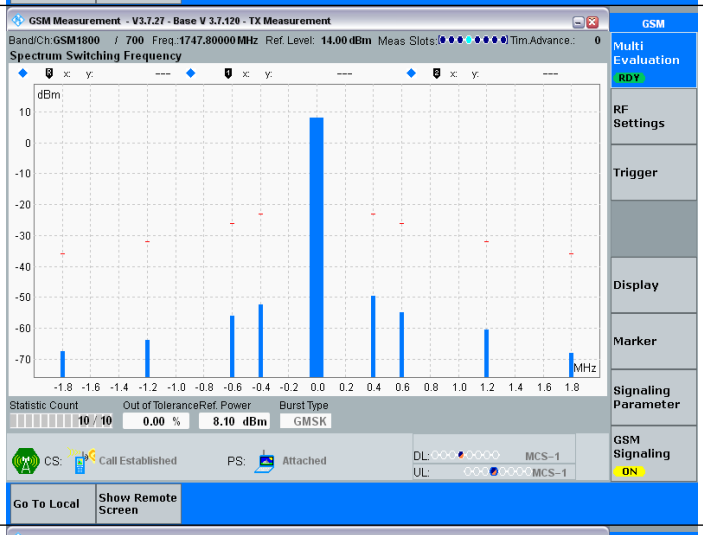
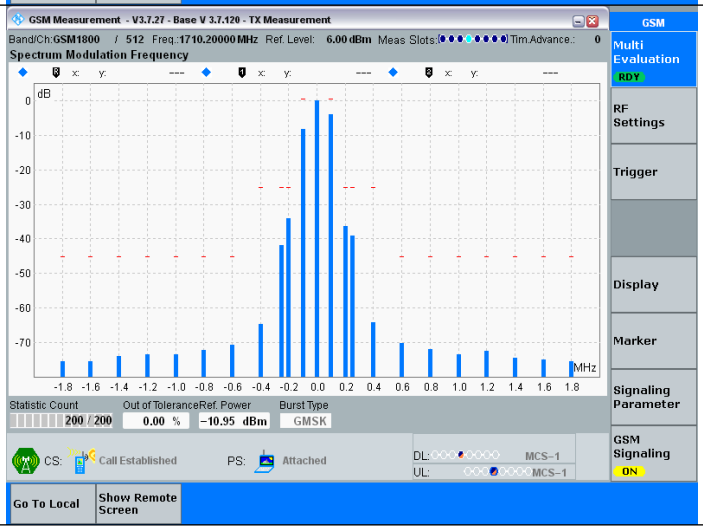
NTNV GSM Frequency: 1747.8 Spectrum Switching	
NTNV GSM Frequency: 1747.8 Spectrum Switching	
NTNV GSM Frequency: 1710.2 Spectrum Switching	

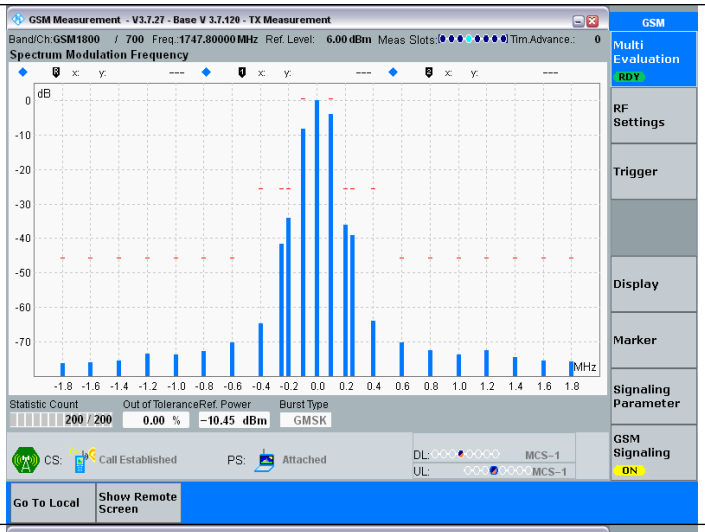
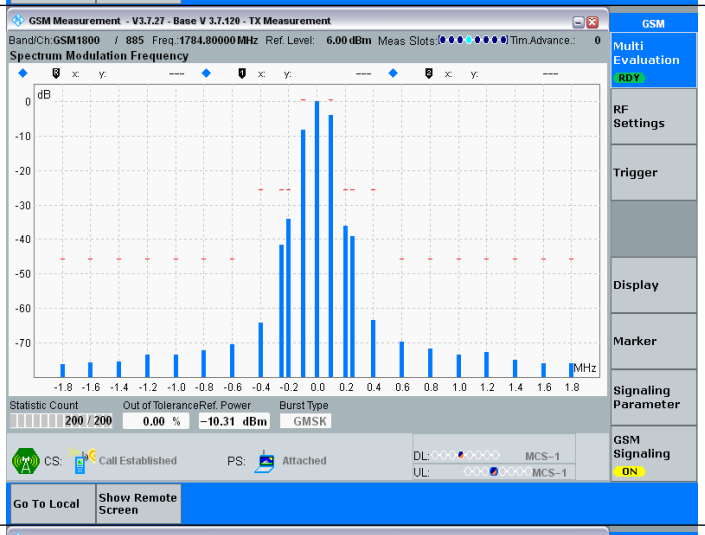
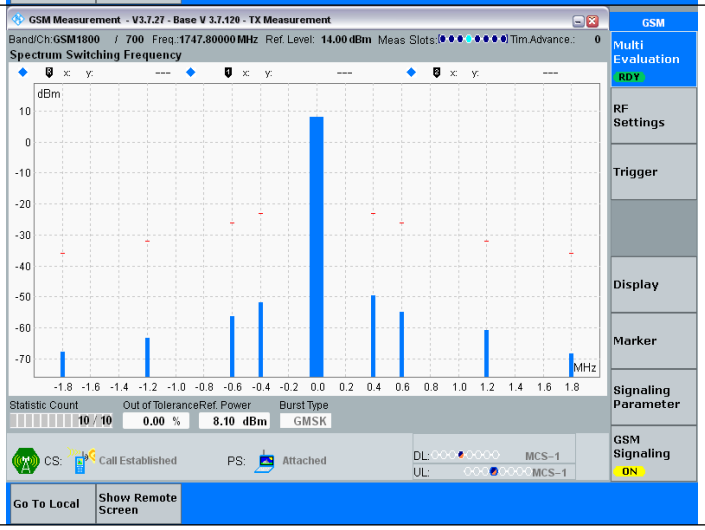
NTNV GSM Frequency: 1747.8 Spectrum Switching	
NTNV GSM Frequency: 1784.8 Spectrum Switching	
HTHV GSM Frequency: 1710.2 Spectrum Modulation	

HTHV GSM Frequency: 1747.8 Spectrum Modulation	
HTHV GSM Frequency: 1784.8 Spectrum Modulation	
HTHV GSM Frequency: 1747.8 Spectrum Switching	

HTLV GSM Frequency: 1710.2 Spectrum Modulation	
HTLV GSM Frequency: 1747.8 Spectrum Modulation	
HTLV GSM Frequency: 1784.8 Spectrum Modulation	

HTLV GSM Frequency: 1747.8 Spectrum Switching	
LTHV GSM Frequency: 1710.2 Spectrum Modulation	
LTHV GSM Frequency: 1747.8 Spectrum Modulation	

LTHV GSM Frequency: 1784.8 Spectrum Modulation	
LTHV GSM Frequency: 1747.8 Spectrum Switching	
LTLV GSM Frequency: 1710.2 Spectrum Modulation	

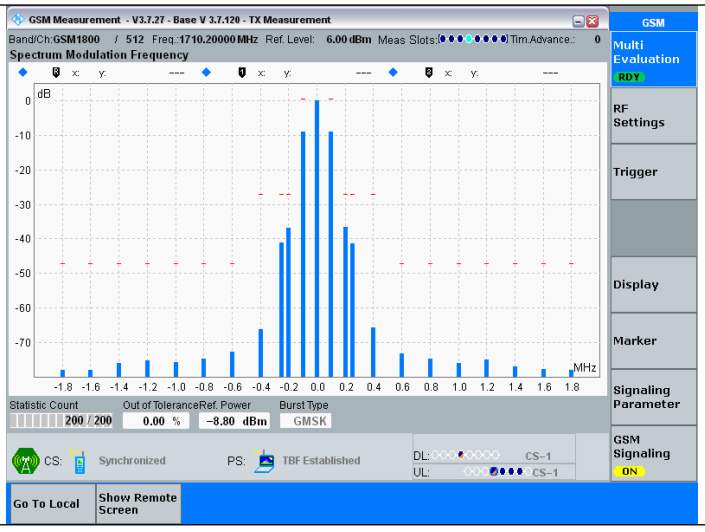
LTLV GSM Frequency: 1747.8 Spectrum Modulation	
LTLV GSM Frequency: 1784.8 Spectrum Modulation	
LTLV GSM Frequency: 1747.8 Spectrum Switching	

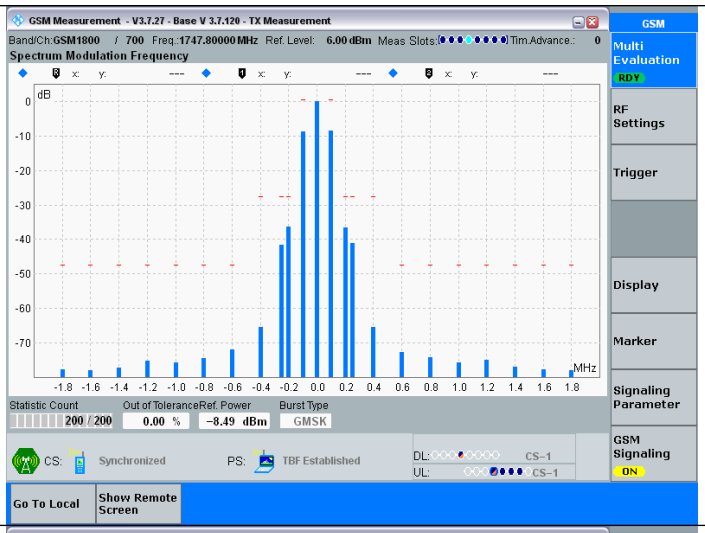
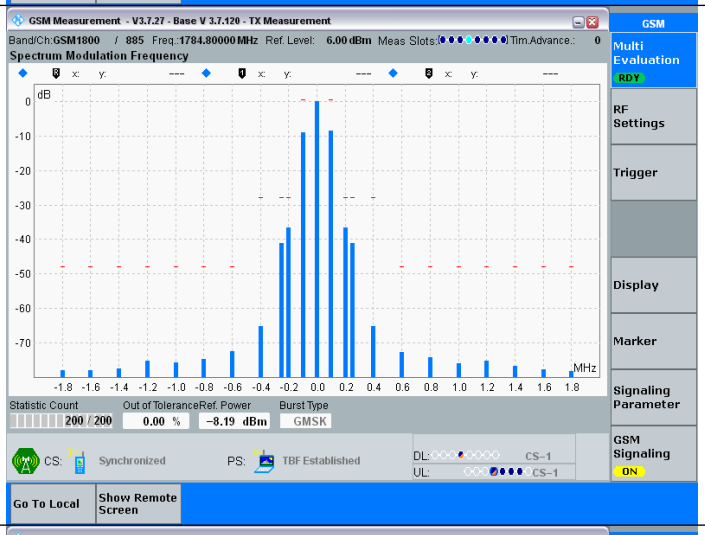
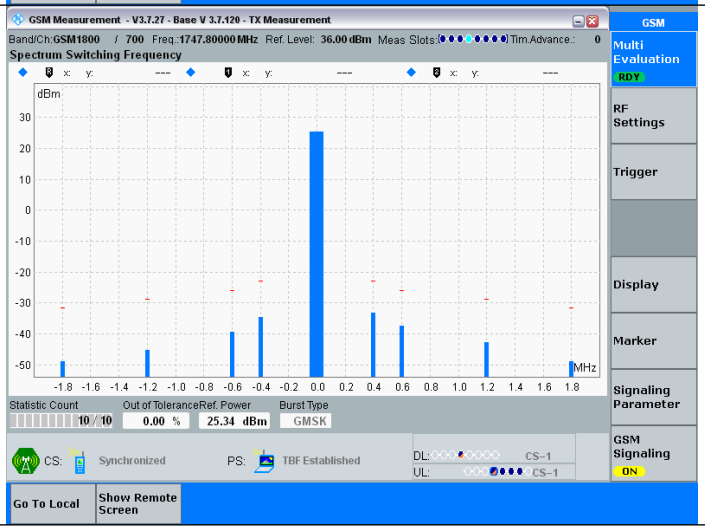
5. Output RF spectrum in GPRS multislot configuration

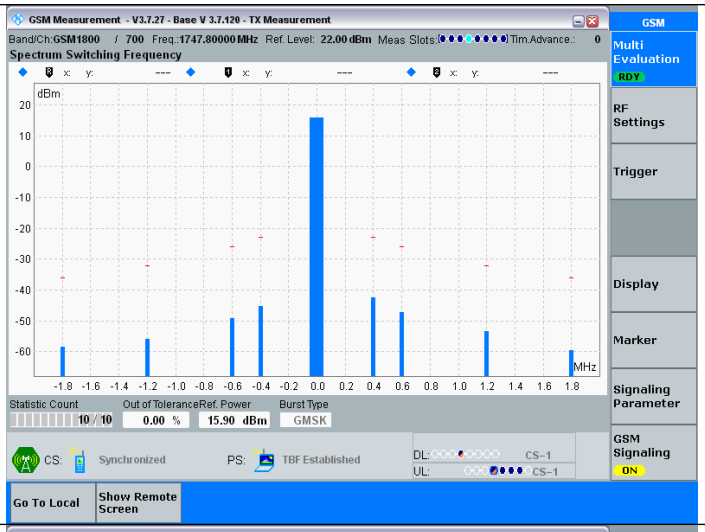
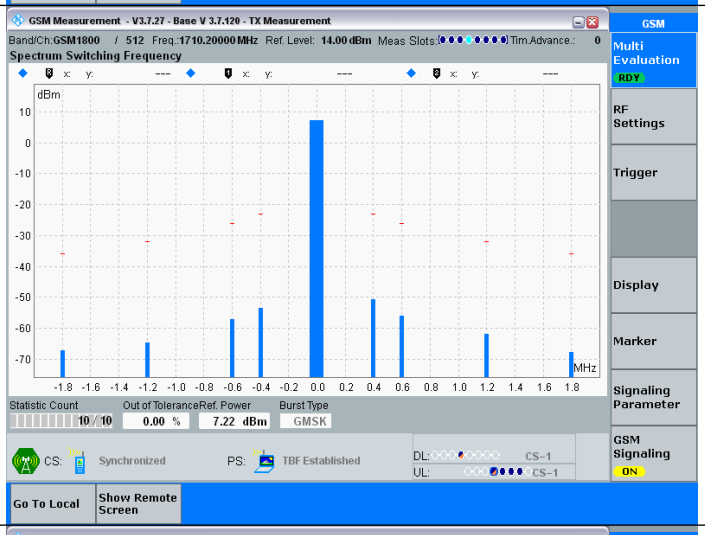
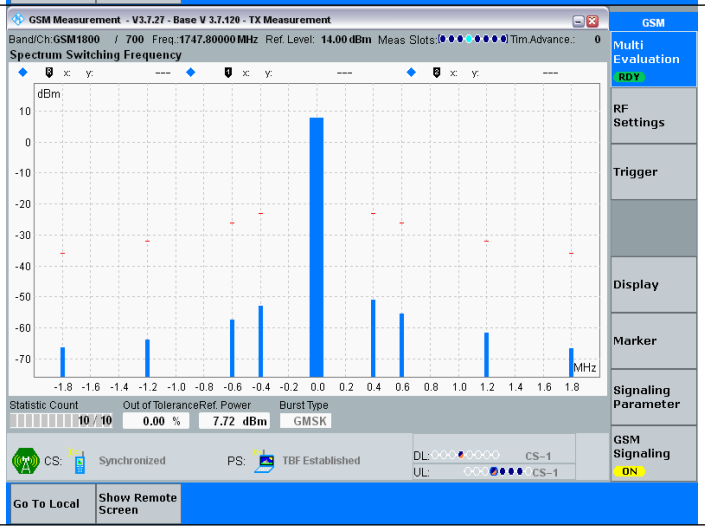
5.1 Test Result

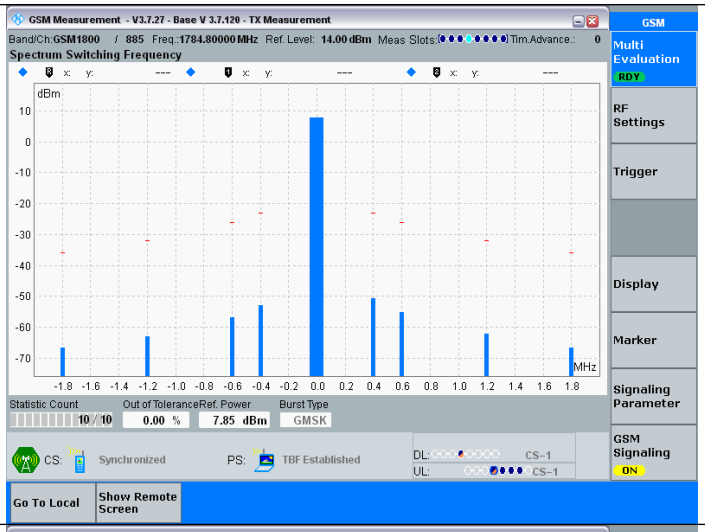
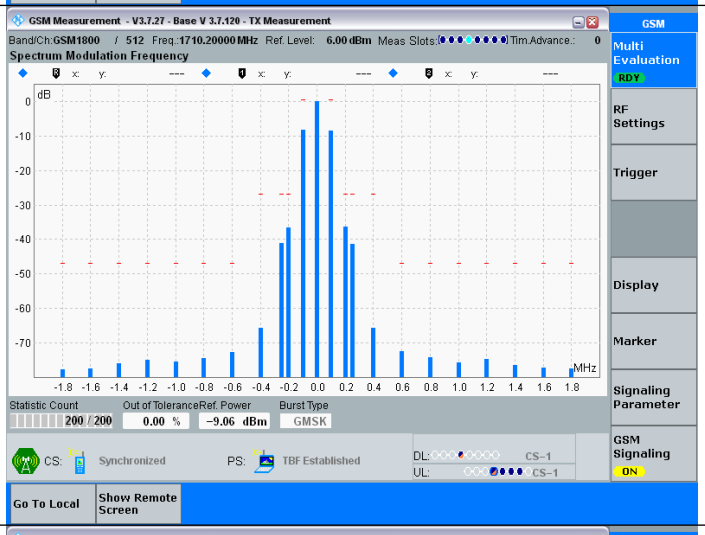
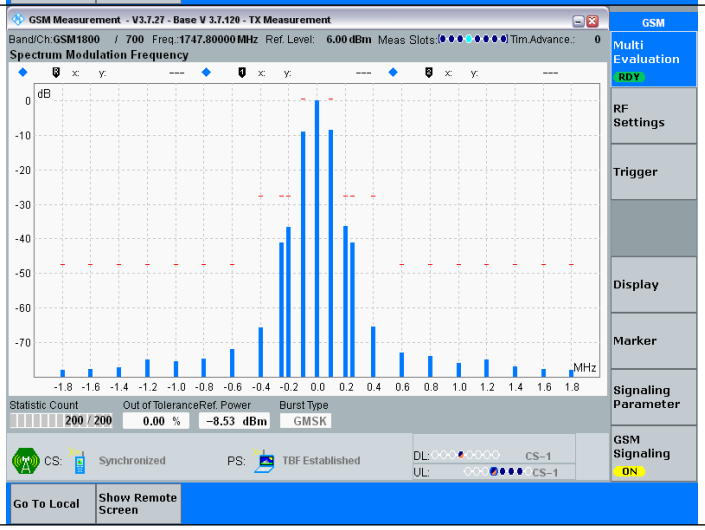
Test Mode	Test Condition	Case No.	GAMMA	Channel	Verdict
DCS1800	NTNV	1	03	MCH	PASS
		2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	03	MCH	PASS
			10	MCH	PASS
			14	LCH	PASS
				MCH	PASS
				HCH	PASS
	HTHV	2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	14	MCH	PASS
	HTLV	2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	14	MCH	PASS
	LTHV	2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	14	MCH	PASS
	LTLV	2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	14	MCH	PASS

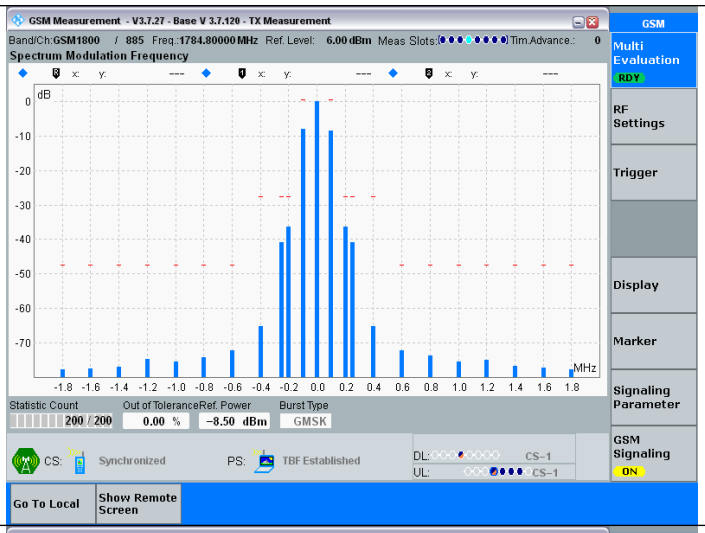
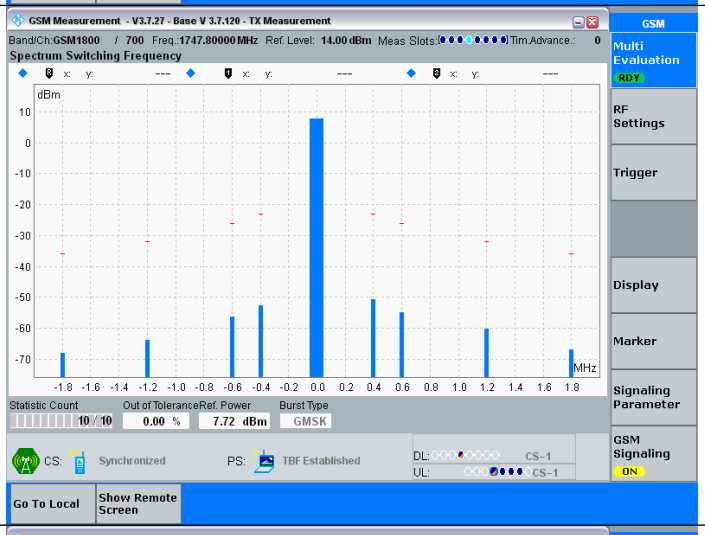
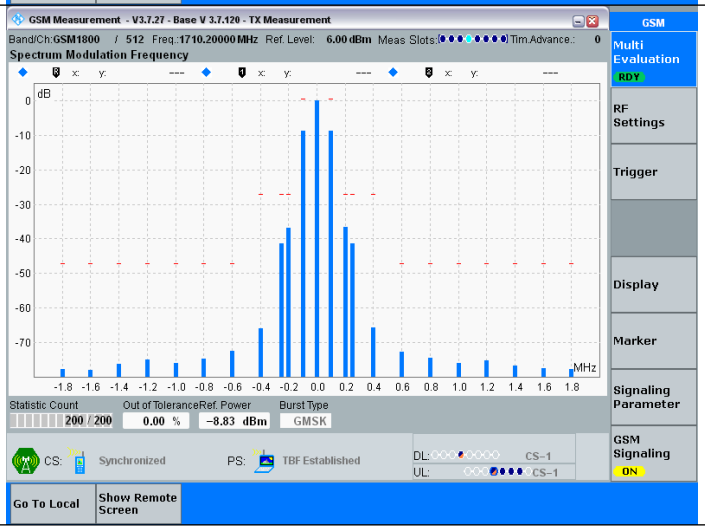
5.2 Test Graph

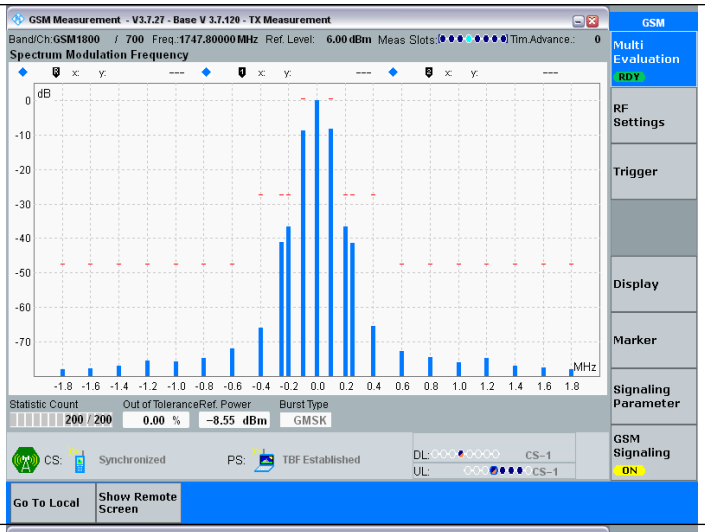
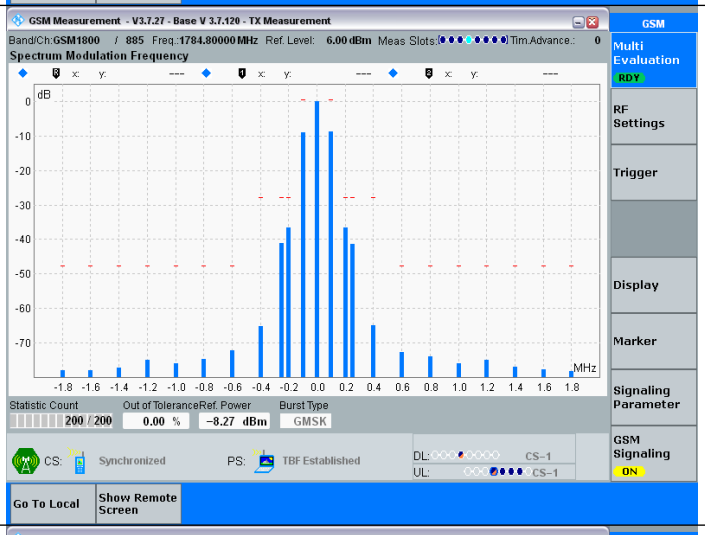
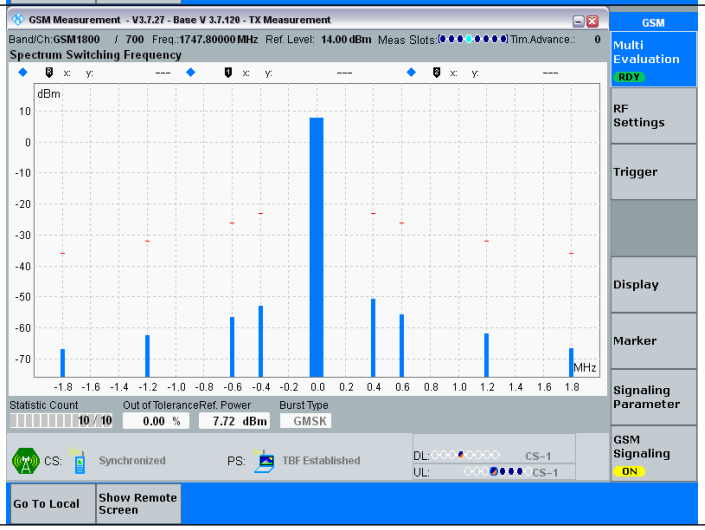
NTNV GPRS Frequency: 1710.2 Spectrum Modulation	

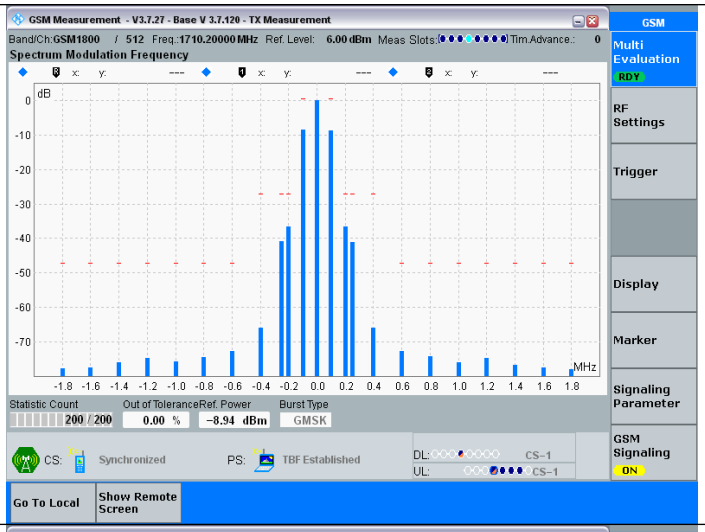
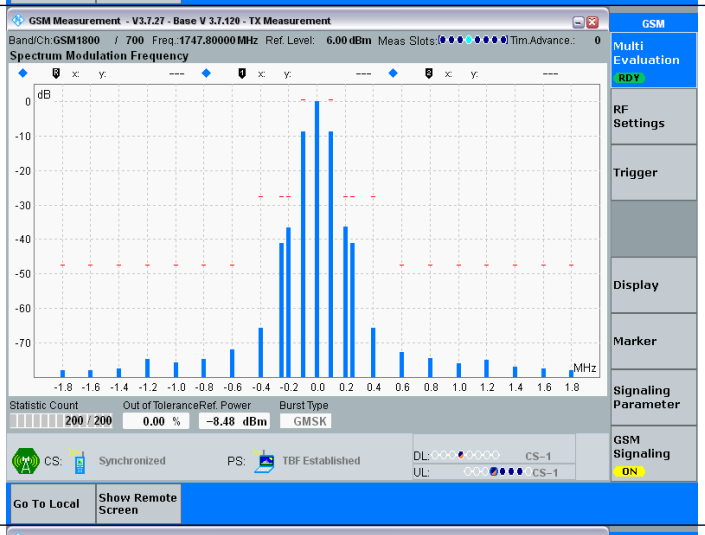
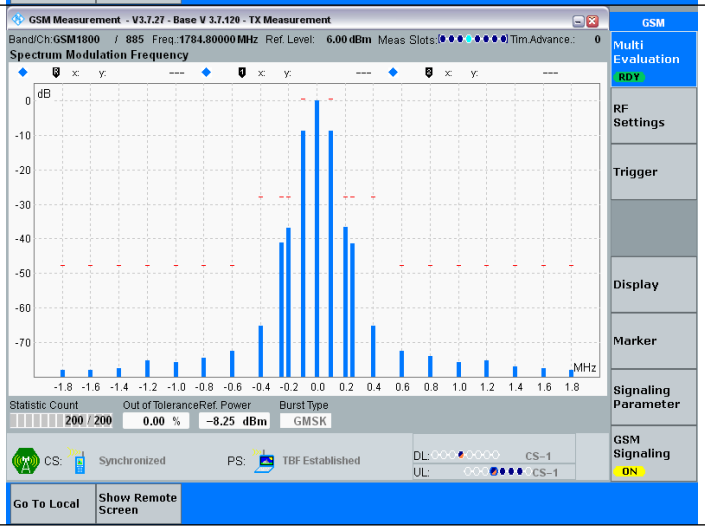
NTNV GPRS Frequency: 1747.8 Spectrum Modulation	
NTNV GPRS Frequency: 1784.8 Spectrum Modulation	
NTNV GPRS Frequency: 1747.8 Spectrum Switching	

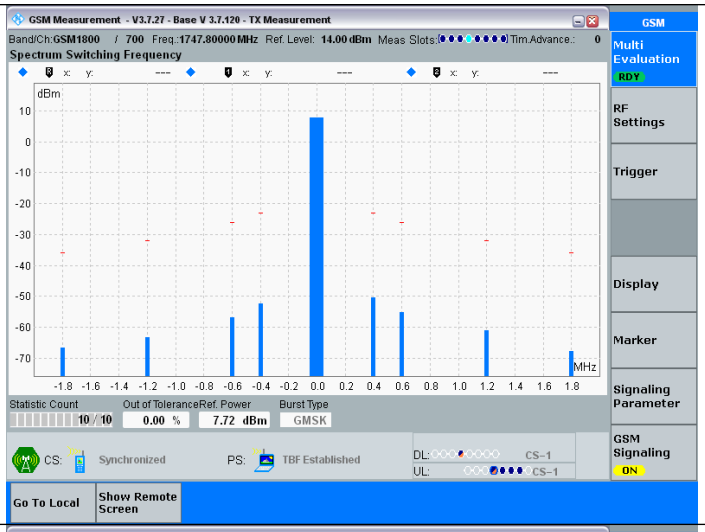
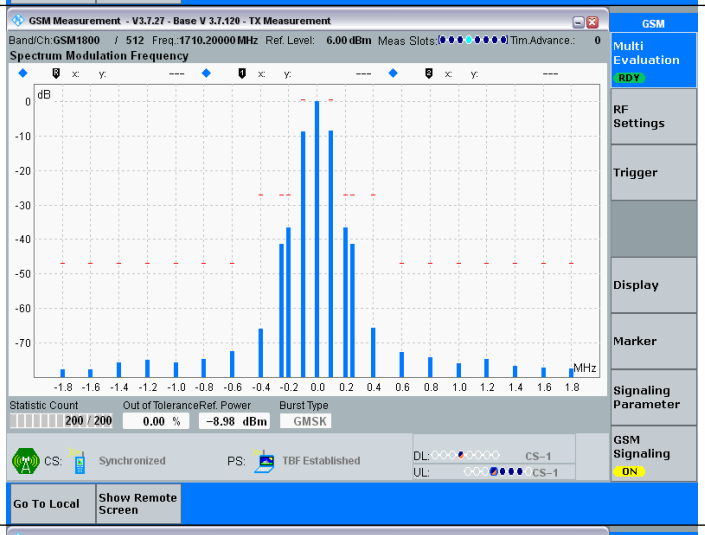
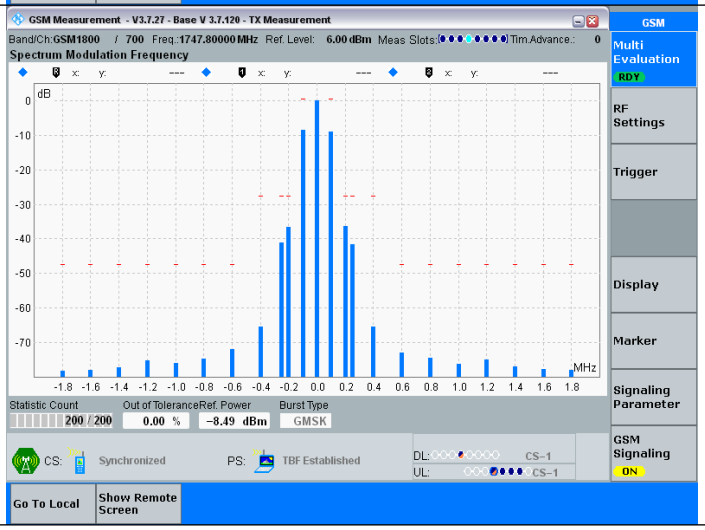
NTNV GPRS Frequency: 1747.8 Spectrum Switching	
NTNV GPRS Frequency: 1710.2 Spectrum Switching	
NTNV GPRS Frequency: 1747.8 Spectrum Switching	

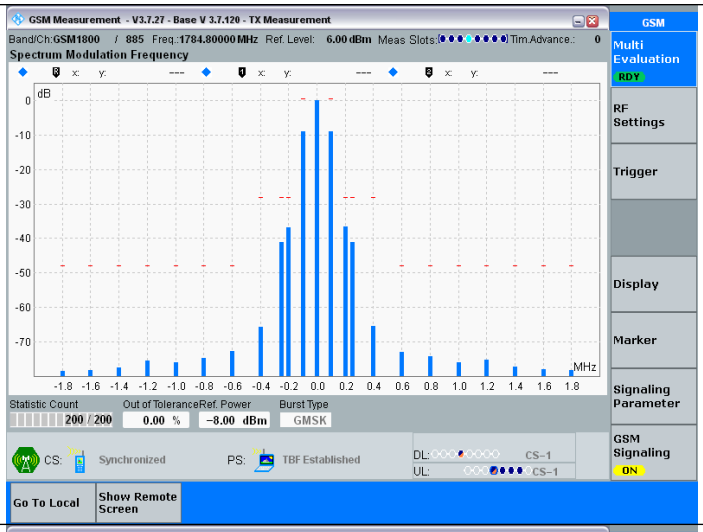
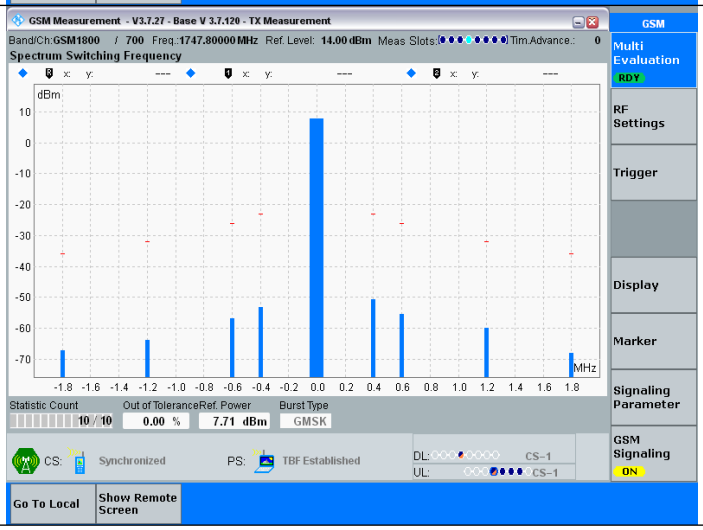
NTNV GPRS Frequency: 1784.8 Spectrum Switching	
HTHV GPRS Frequency: 1710.2 Spectrum Modulation	
HTHV GPRS Frequency: 1747.8 Spectrum Modulation	

HTHV GPRS Frequency: 1784.8 Spectrum Modulation	
HTHV GPRS Frequency: 1747.8 Spectrum Switching	
HTLV GPRS Frequency: 1710.2 Spectrum Modulation	

HTLV GPRS Frequency: 1747.8 Spectrum Modulation	
HTLV GPRS Frequency: 1784.8 Spectrum Modulation	
HTLV GPRS Frequency: 1747.8 Spectrum Switching	

LTHV GPRS Frequency: 1710.2 Spectrum Modulation	
LTHV GPRS Frequency: 1747.8 Spectrum Modulation	
LTHV GPRS Frequency: 1784.8 Spectrum Modulation	

LTHV GPRS Frequency: 1747.8 Spectrum Switching	
LTLV GPRS Frequency: 1710.2 Spectrum Modulation	
LTLV GPRS Frequency: 1747.8 Spectrum Modulation	

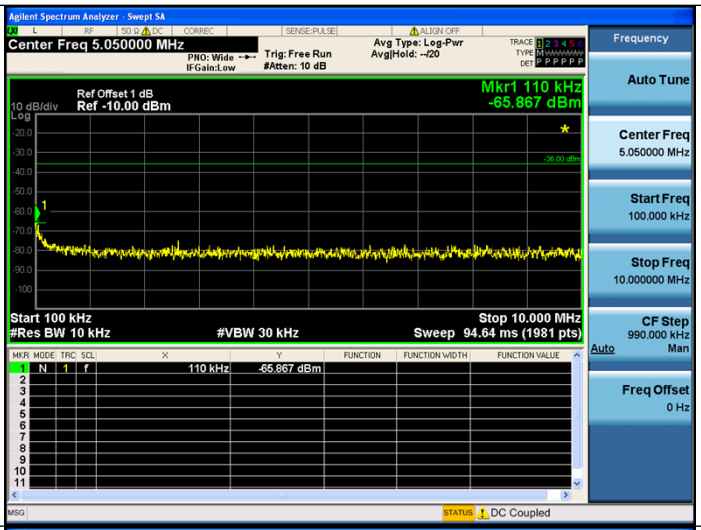
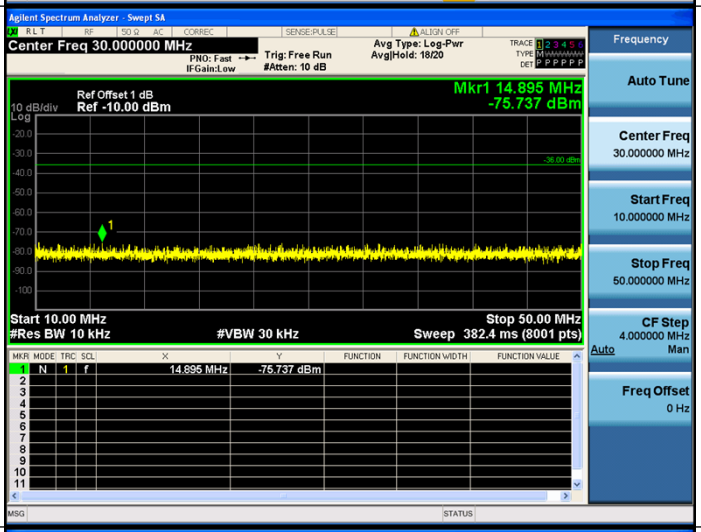
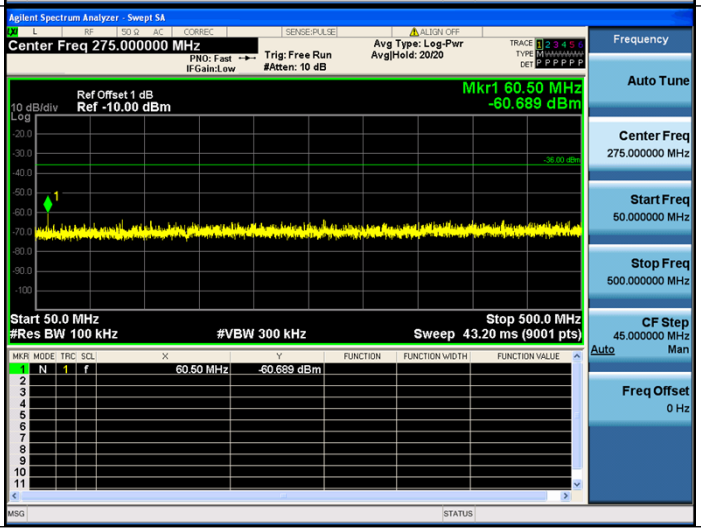
LTLV GPRS Frequency: 1784.8 Spectrum Modulation	
LTLV GPRS Frequency: 1747.8 Spectrum Switching	

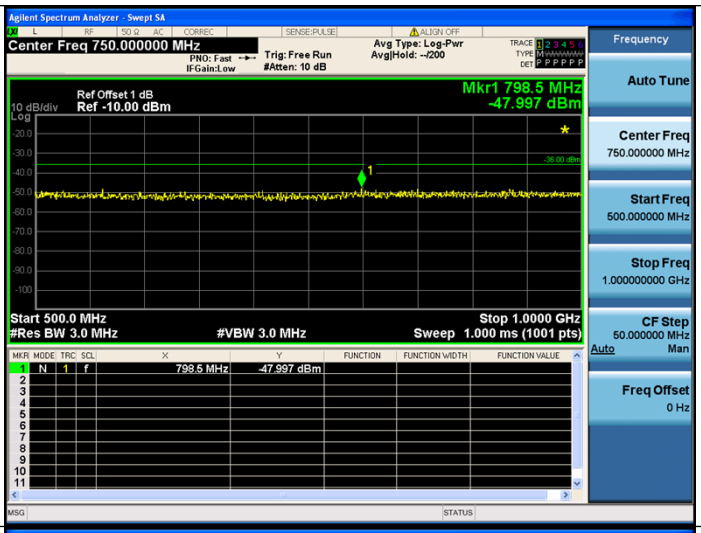
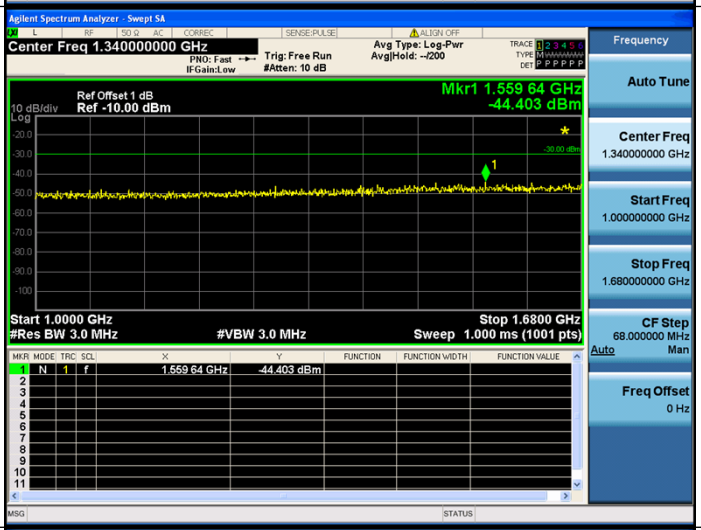
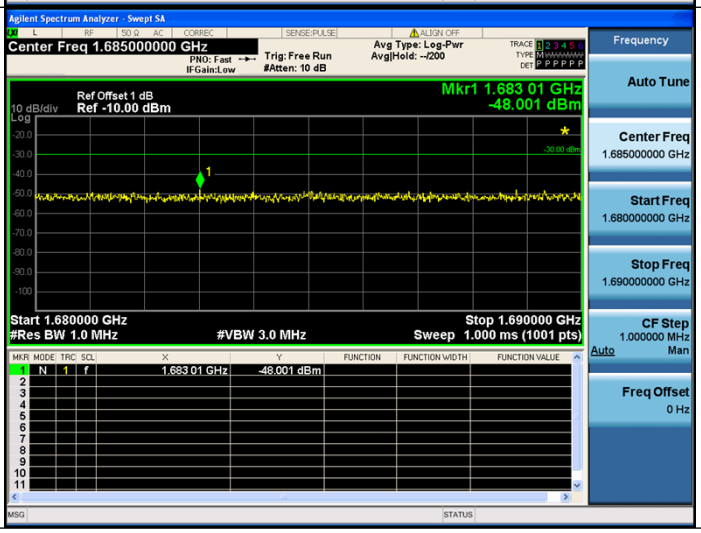
6. Conducted spurious emissions - MS allocated a channel

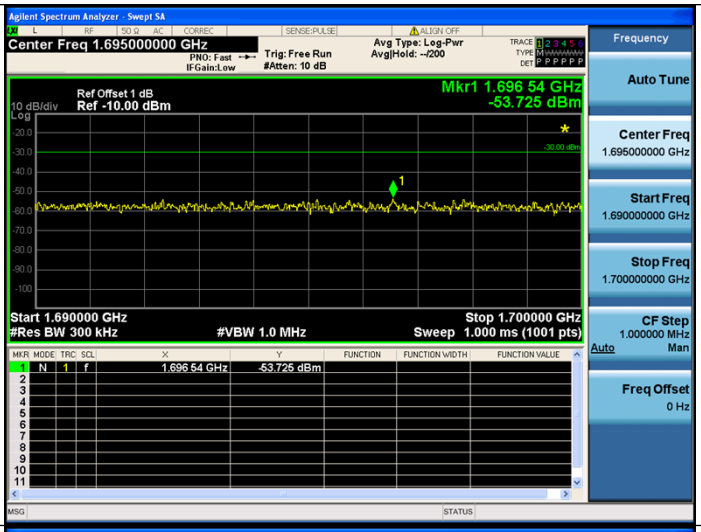
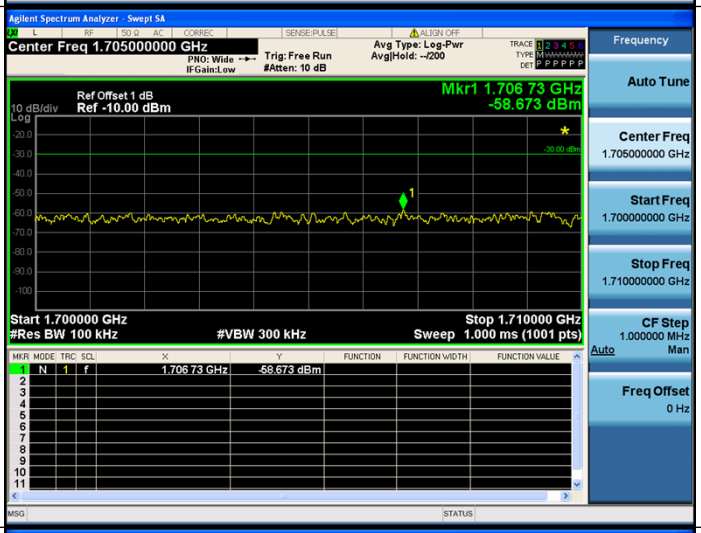
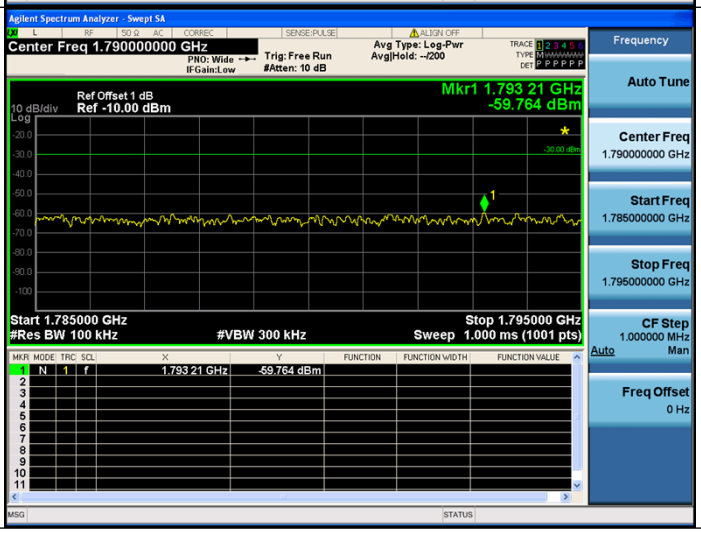
6.1 Test Result

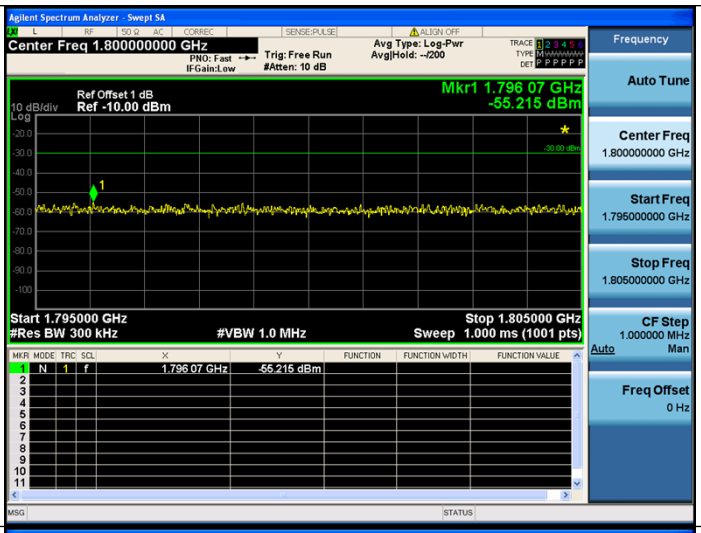
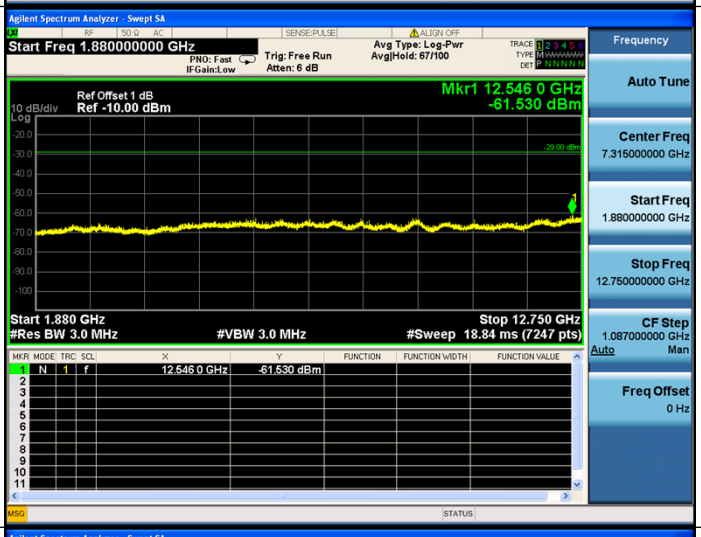
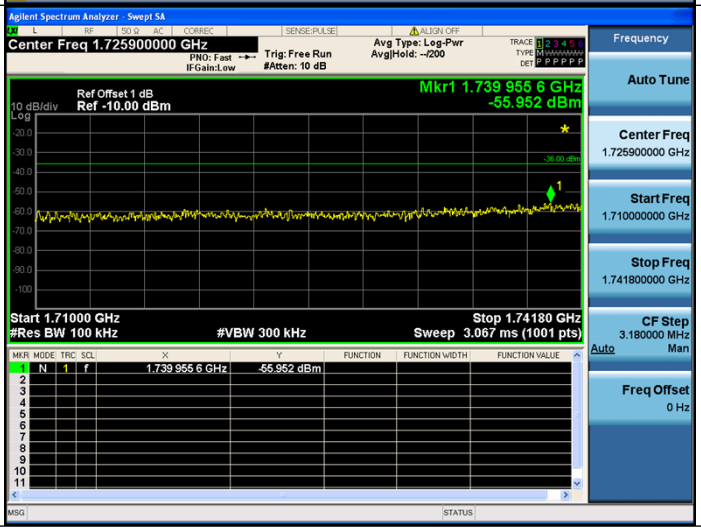
Test Mode	PCL	Channel	Test Condition	Verdict
DCS1800	0	MCH	NTNV	PASS

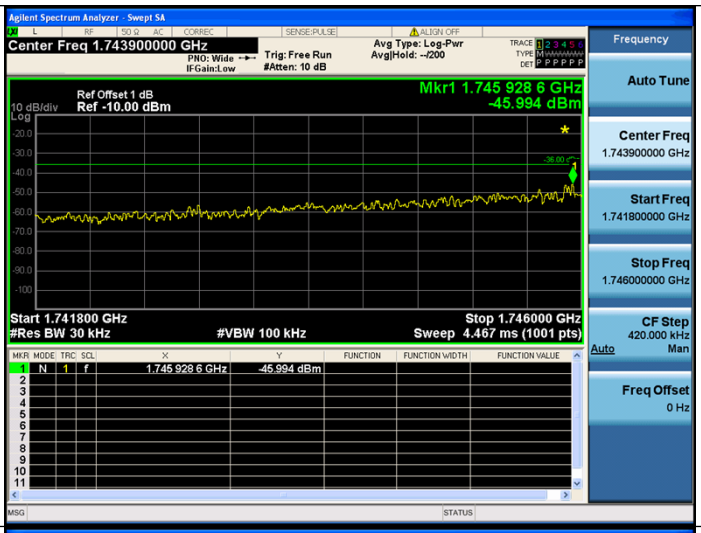
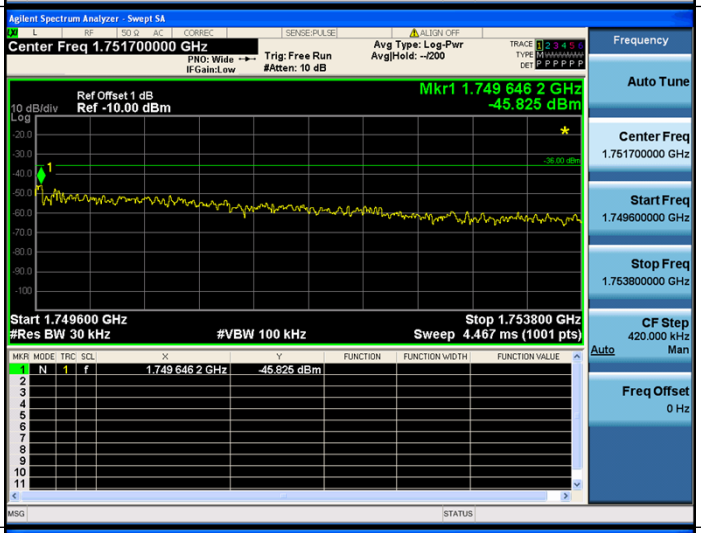
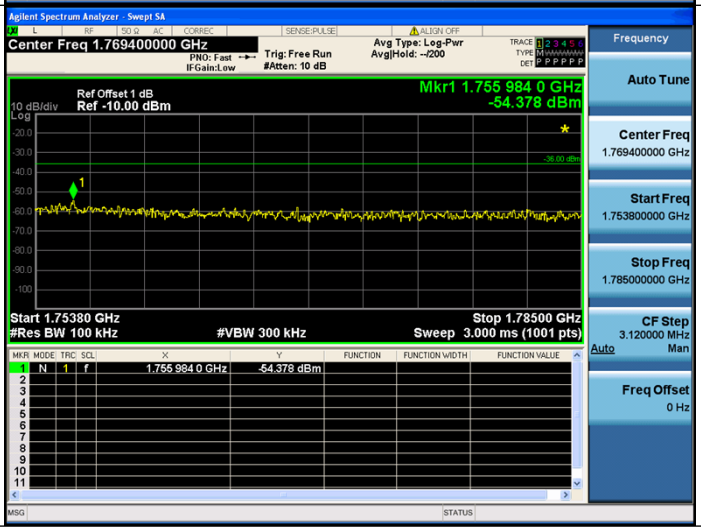
6.2 Test Graph

NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	

NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	

NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	

NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	

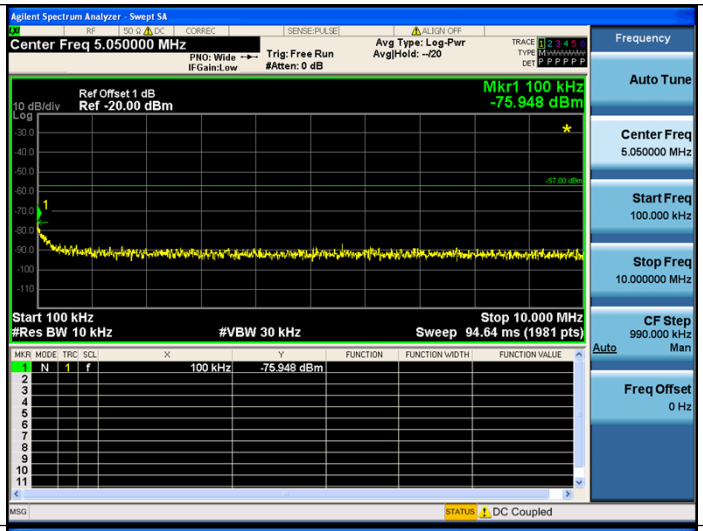
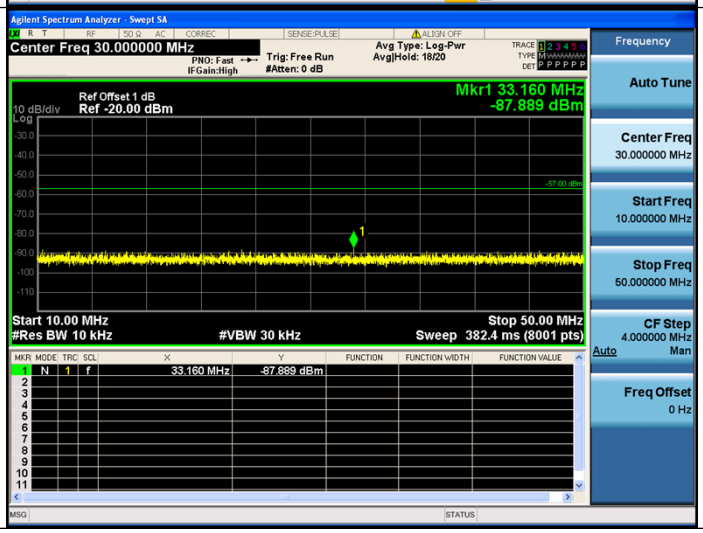
NTNV GSM Frequency: 1747.8		
NTNV GSM Frequency: 1747.8		
NTNV GSM Frequency: 1747.8		

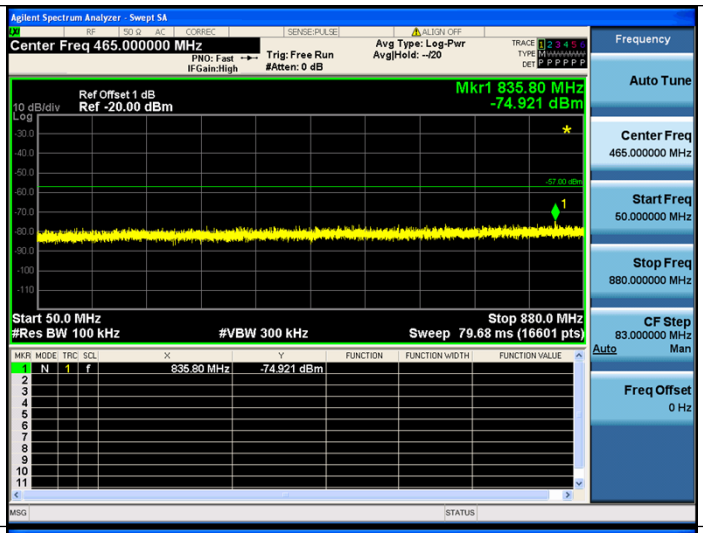
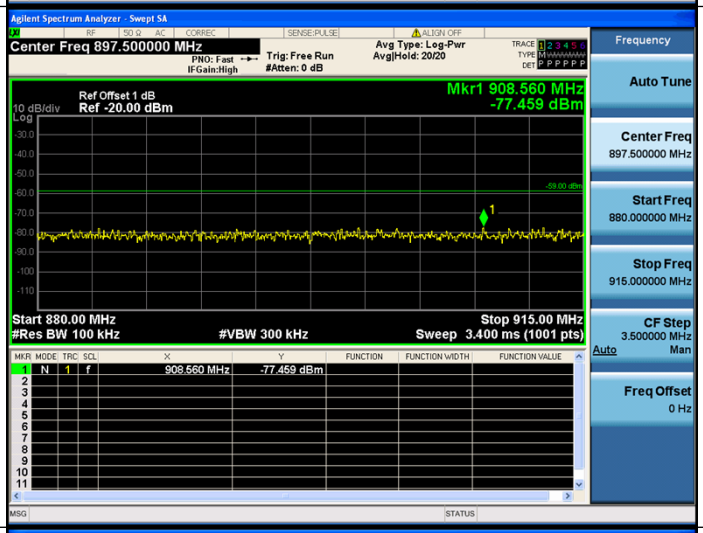
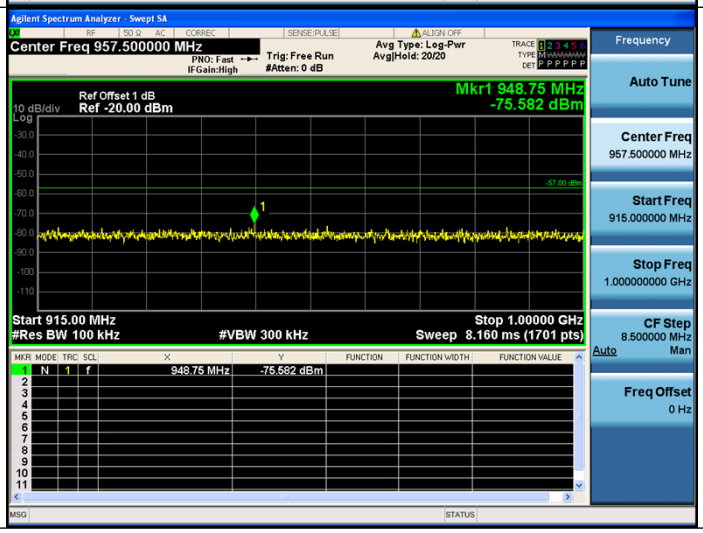
7. Conducted spurious emissions - MS in idle mode

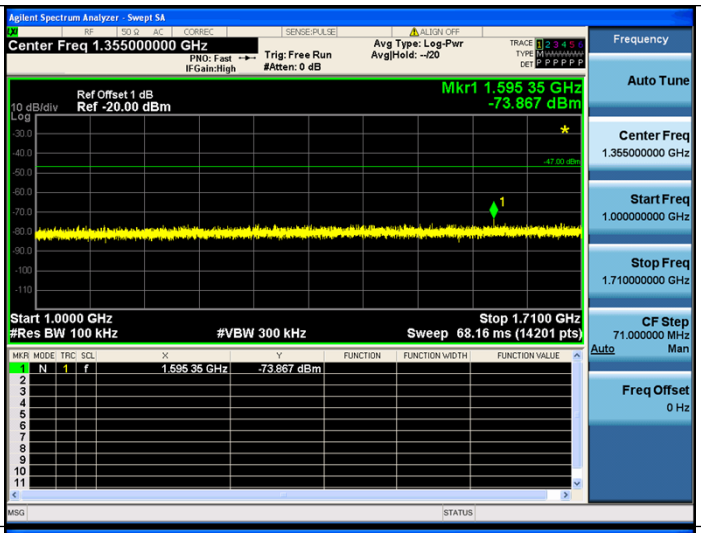
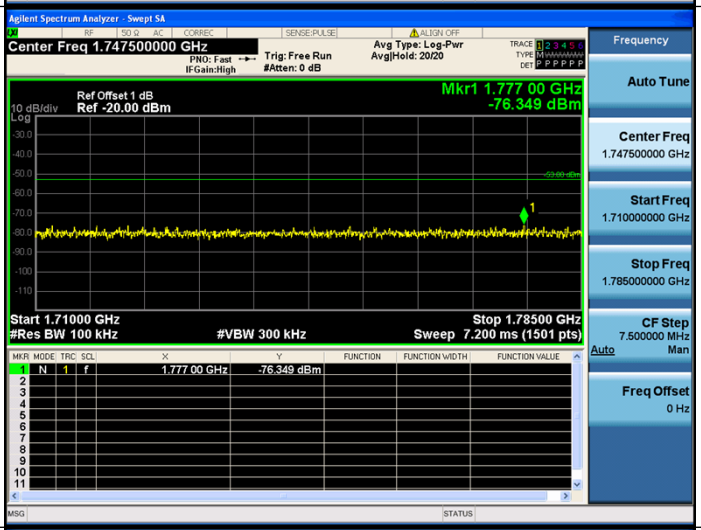
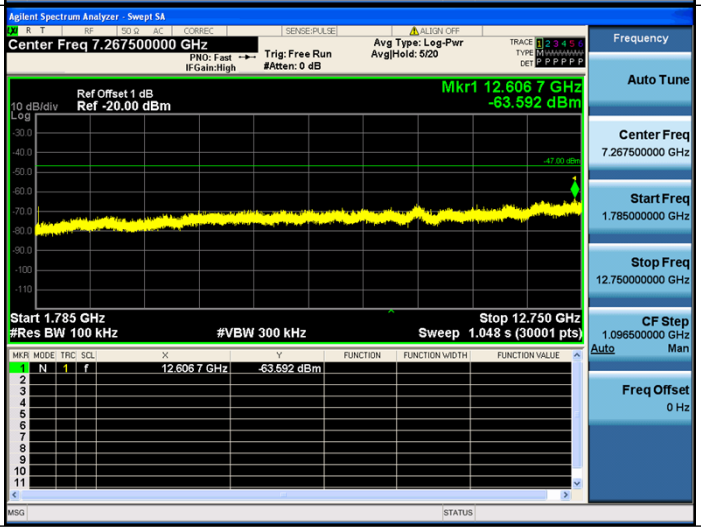
7.1 Test Result

Test Mode	Test Condition	Verdict
DCS1800	NTNV	PASS

7.2 Test Graph

NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	

NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	
NTNV GSM Frequency: 1747.8	

NTNV GSM Frequency: 1747.8		
NTNV GSM Frequency: 1747.8		
NTNV GSM Frequency: 1747.8		

8. Frequency error and Modulation accuracy in EGPRS Configuration

8.1 Test Result

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1710.2 (MHz) GAMMA=1	NTNV	12.17	171.02	PASS	RMS	1.61	5	PASS
					Peak	4.4	20	PASS
	HTHV	18.76	171.02	PASS	RMS	1.64	5	PASS
					Peak	4.58	20	PASS
	HTLV	18.92	171.02	PASS	RMS	1.66	5	PASS
					Peak	4.56	20	PASS
	LTHV	12.66	171.02	PASS	RMS	1.58	5	PASS
					Peak	4.34	20	PASS
	LTLV	12.01	171.02	PASS	RMS	1.62	5	PASS
					Peak	4.4	20	PASS
	Vibration	10.69	171.02	PASS	RMS	1.61	5	PASS
					Peak	4.39	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1710.2 (MHz) GAMMA=1	NTNV	10.91	171.02	PASS	RMS	1.19	5	PASS
					Peak	3.03	20	PASS
	HTHV	10.3	171.02	PASS	RMS	1.15	5	PASS
					Peak	2.92	20	PASS
	HTLV	12.2	171.02	PASS	RMS	1.11	5	PASS
					Peak	2.85	20	PASS
	LTHV	12.01	171.02	PASS	RMS	1.26	5	PASS
					Peak	3.23	20	PASS
	LTLV	12.82	171.02	PASS	RMS	1.25	5	PASS
					Peak	3.19	20	PASS
	Vibration	10.3	171.02	PASS	RMS	1.15	5	PASS
					Peak	2.96	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1710.2 (MHz) GAMMA=3	NTNV	8.2	171.02	PASS	RMS	1.1	5	PASS
					Peak	2.94	20	PASS
	HTHV	10.65	171.02	PASS	RMS	1.14	5	PASS
					Peak	3.13	20	PASS
	HTLV	11.27	171.02	PASS	RMS	1.14	5	PASS
					Peak	3.03	20	PASS
	LTHV	8.91	171.02	PASS	RMS	1.1	5	PASS
					Peak	2.96	20	PASS
	LTLV	9.69	171.02	PASS	RMS	1.13	5	PASS
					Peak	3	20	PASS
	Vibration	9.2	171.02	PASS	RMS	1.1	5	PASS
					Peak	2.93	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1747.8	NTNV	7.04	174.78	PASS	RMS	1.63	5	PASS
					Peak	4.38	20	PASS
	HTHV	5	174.78	PASS	RMS	1.68	5	PASS
					Peak	4.63	20	PASS

(MHz) GAMMA=1	HTLV	6.36	174.78	PASS	RMS	1.68	5	PASS
					Peak	4.52	20	PASS
	LTHV	7.07	174.78	PASS	RMS	1.72	5	PASS
					Peak	4.6	20	PASS
	LTLV	5.88	174.78	PASS	RMS	1.73	5	PASS
					Peak	4.68	20	PASS
	Vibration	6.1	174.78	PASS	RMS	1.67	5	PASS
					Peak	4.66	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1747.8 (MHz) GAMMA=1	NTNV	7.97	174.78	PASS	RMS	1.29	5	PASS
					Peak	3.29	20	PASS
	HTHV	7.88	174.78	PASS	RMS	1.36	5	PASS
					Peak	3.41	20	PASS
	HTLV	9.33	174.78	PASS	RMS	1.31	5	PASS
					Peak	3.34	20	PASS
	LTHV	9.81	174.78	PASS	RMS	1.34	5	PASS
					Peak	3.44	20	PASS
	LTLV	9.07	174.78	PASS	RMS	1.32	5	PASS
					Peak	3.38	20	PASS
	Vibration	6.72	174.78	PASS	RMS	1.29	5	PASS
					Peak	3.24	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1747.8 (MHz) GAMMA=3	NTNV	6.94	174.78	PASS	RMS	1.18	5	PASS
					Peak	3.17	20	PASS
	HTHV	6.49	174.78	PASS	RMS	1.28	5	PASS
					Peak	3.39	20	PASS
	HTLV	7.07	174.78	PASS	RMS	1.14	5	PASS
					Peak	3.02	20	PASS
	LTHV	8.88	174.78	PASS	RMS	0.97	5	PASS
					Peak	2.61	20	PASS
	LTLV	6.68	174.78	PASS	RMS	1.12	5	PASS
					Peak	3.02	20	PASS
	Vibration	5.81	174.78	PASS	RMS	1.03	5	PASS
					Peak	2.75	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1784.8 (MHz) GAMMA=1	NTNV	12.07	178.48	PASS	RMS	1.66	5	PASS
					Peak	4.45	20	PASS
	HTHV	10.94	178.48	PASS	RMS	1.5	5	PASS
					Peak	4.03	20	PASS
	HTLV	10.56	178.48	PASS	RMS	1.53	5	PASS
					Peak	4.14	20	PASS
	LTHV	12.53	178.48	PASS	RMS	1.61	5	PASS
					Peak	4.35	20	PASS
	LTLV	9.65	178.48	PASS	RMS	1.61	5	PASS
					Peak	4.27	20	PASS
	Vibration	11.3	178.48	PASS	RMS	1.63	5	PASS
					Peak	4.37	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1784.8 (MHz) GAMMA=1	NTNV	14.04	178.48	PASS	RMS	1.32	5	PASS
					Peak	3.37	20	PASS
	HTHV	12.07	178.48	PASS	RMS	1.32	5	PASS
					Peak	3.34	20	PASS
	HTLV	12.17	178.48	PASS	RMS	1.32	5	PASS
					Peak	3.29	20	PASS
	LTHV	9.88	178.48	PASS	RMS	1.36	5	PASS
					Peak	3.45	20	PASS
	LTLV	9.17	178.48	PASS	RMS	1.36	5	PASS
					Peak	3.46	20	PASS
	Vibration	11.78	178.48	PASS	RMS	1.27	5	PASS
					Peak	3.25	20	PASS

DCS1800	Test Condition	Frequency Error(Hz)	Limit (Hz)	Result	Phase Error (degree)		Limit (degree)	Result
Reference Frequency 1784.8 (MHz) GAMMA=3	NTNV	11.75	178.48	PASS	RMS	1.31	5	PASS
					Peak	3.46	20	PASS
	HTHV	10.33	178.48	PASS	RMS	1.13	5	PASS
					Peak	3.01	20	PASS
	HTLV	10.3	178.48	PASS	RMS	1.17	5	PASS
					Peak	3.06	20	PASS
	LTHV	8.39	178.48	PASS	RMS	1.19	5	PASS
					Peak	3.13	20	PASS
	LTLV	10.59	178.48	PASS	RMS	1.27	5	PASS
					Peak	3.34	20	PASS
	Vibration	11.66	178.48	PASS	RMS	1.31	5	PASS
					Peak	3.41	20	PASS

9. Frequency error under multipath and interference conditions in EGPRS Configuration

9.1 Test Result

DCS1800	Test Condition	Fading Set	Frequency error(Hz)			Limit (Hz)	Verdict
			LCH 880.2MHz	LCH 902MHz	LCH 914.8MHz		
DCS1800 PCL=3	NTNV	RA130	8.62	-1.42	5.07	±400	PASS
		HT100	8.68	-1.65	7.81	±350	PASS
		TU50	6.01	1.16	6.52	±260	PASS
		TUlow	4.26	1.13	7.26	±320	PASS
	HTHV	RA130	7.68	0.97	5.94	±400	PASS
		HT100	14.69	3.45	5	±350	PASS
		TU50	4.84	2.84	5.71	±260	PASS
		TUlow	5.39	0.65	5.88	±320	PASS
	HTLV	RA130	5.59	0.48	6.2	±400	PASS
		HT100	11.98	1.81	2.62	±350	PASS
		TU50	5.62	3.33	6.07	±260	PASS
		TUlow	3.49	1.49	5.65	±320	PASS
	LTHV	RA130	6.39	3.91	4.23	±400	PASS
		HT100	9.65	-0.13	6.2	±350	PASS
		TU50	5.13	1.45	4.84	±260	PASS
		TUlow	1.94	1.84	2.94	±320	PASS

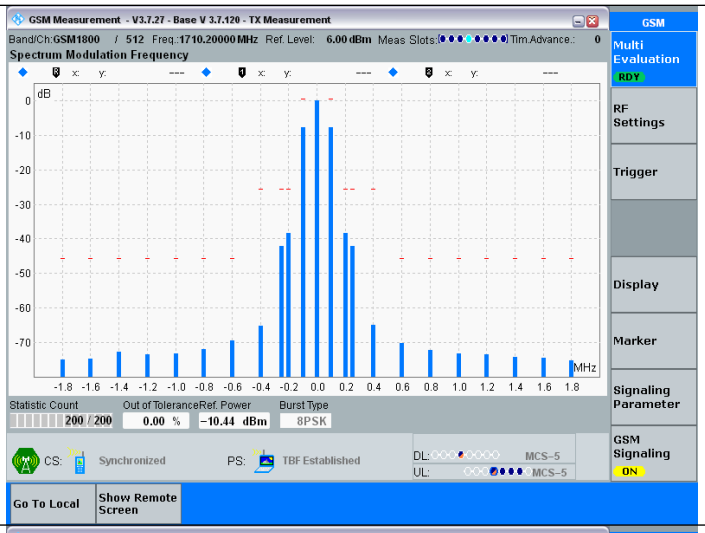
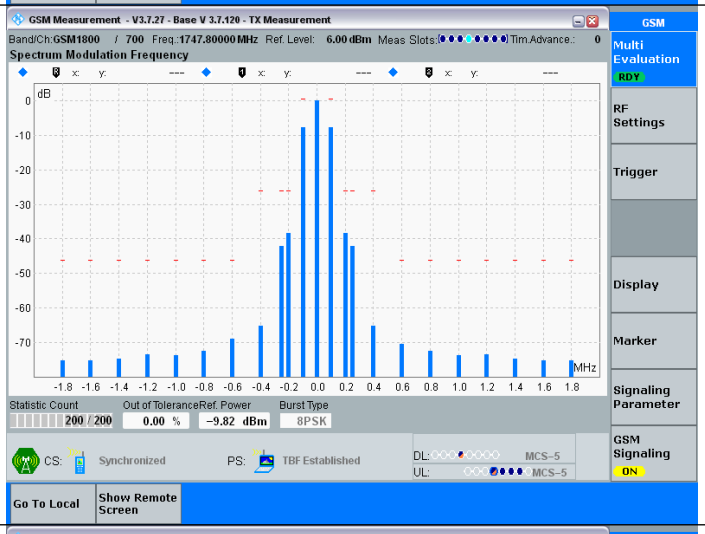
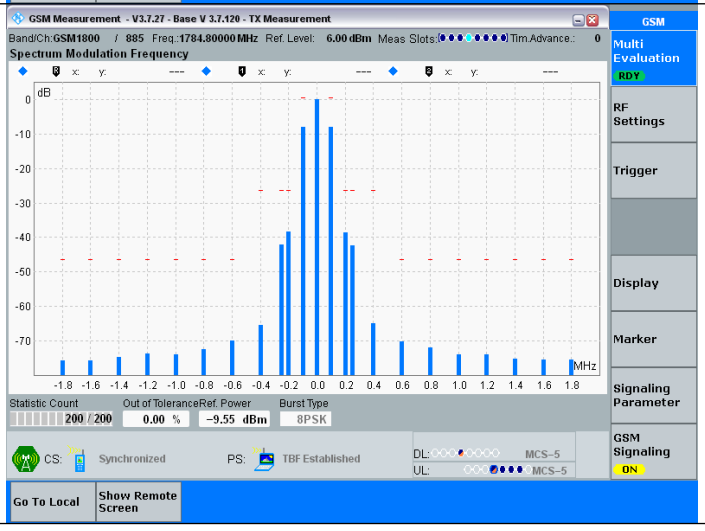
	LTLV	RA130	7.04	1.32	7.91	±400	PASS
		HT100	8.65	1.49	8.36	±350	PASS
		TU50	7.43	4.68	6.59	±260	PASS
		TUlow	1.61	-0.42	4.16	±320	PASS

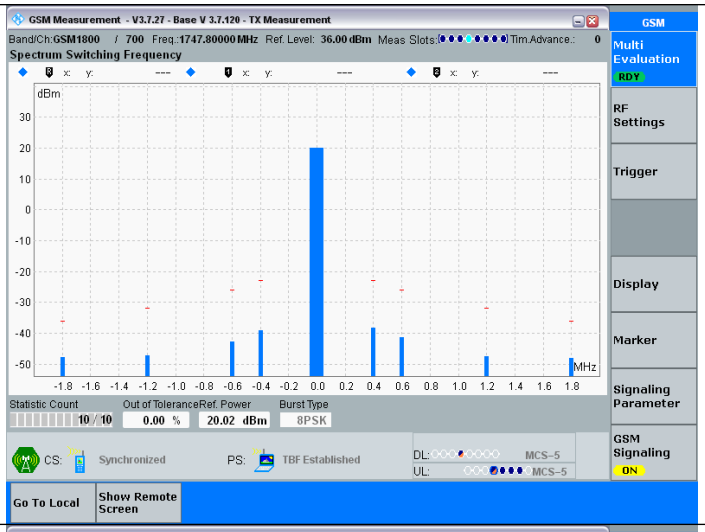
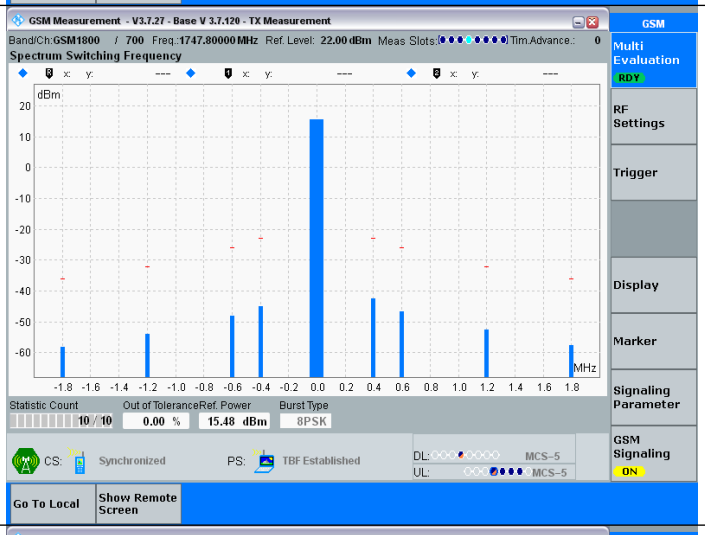
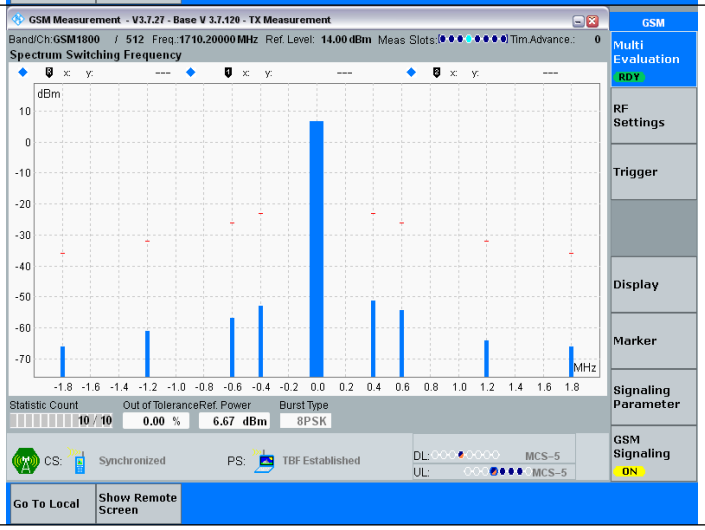
10. Output RF spectrum in EGPRS configuration

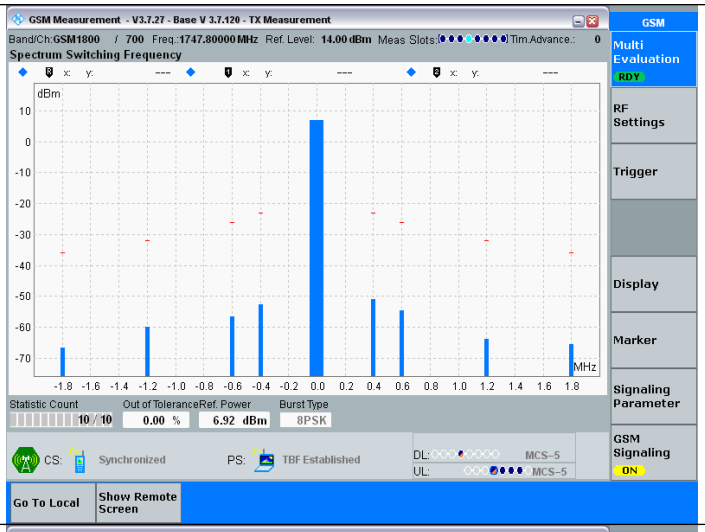
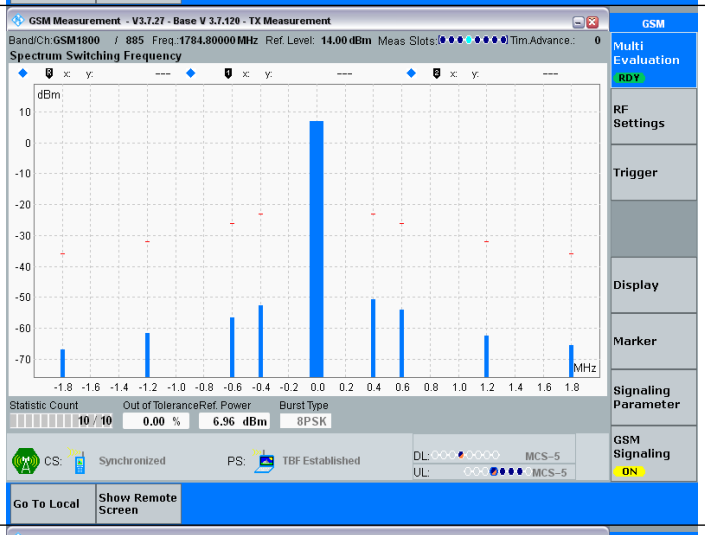
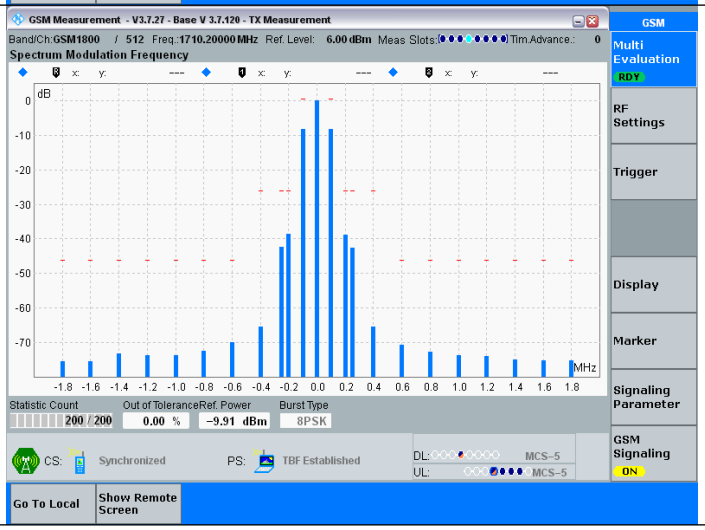
10.1 Test Result

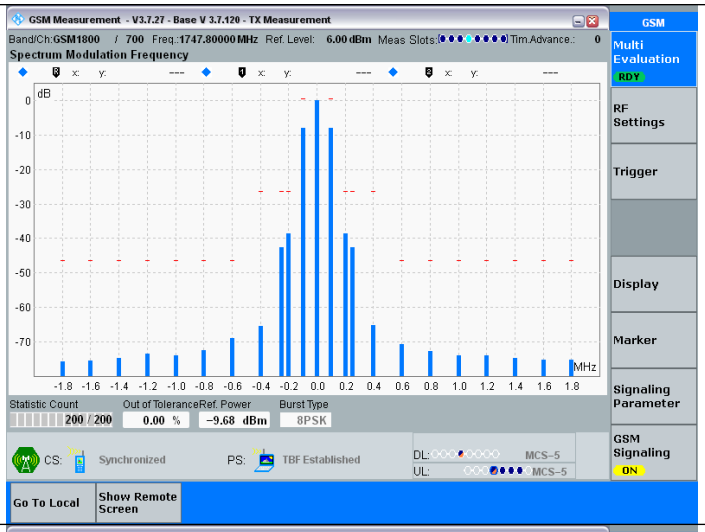
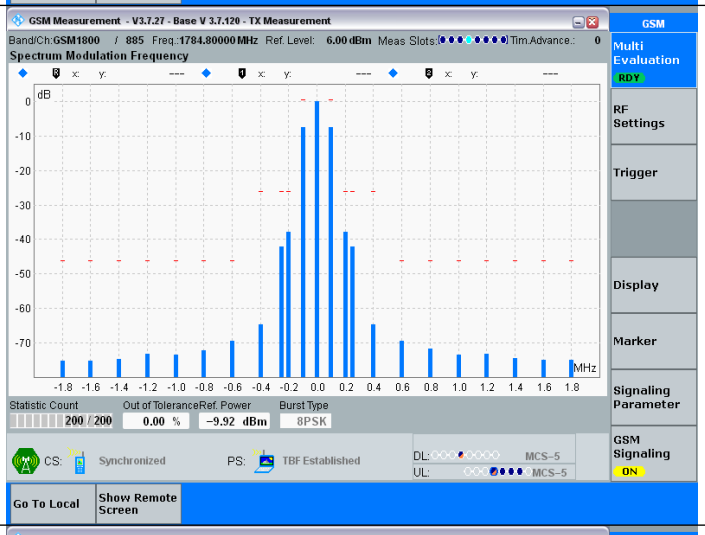
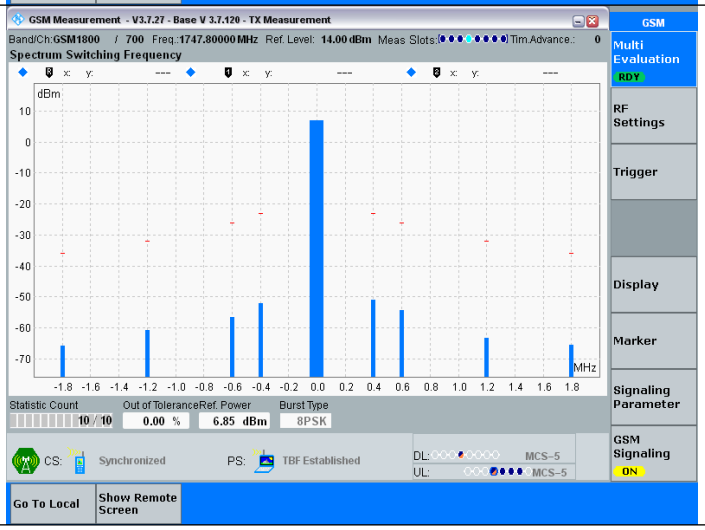
Test Mode	Test Condition	Case No.	PCL	Channel	Verdict
DCS1800	NTNV	1	03	MCH	PASS
		2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	03	MCH	PASS
			10	MCH	PASS
			14	LCH	PASS
				MCH	PASS
				HCH	PASS
	HTHV	2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	14	MCH	PASS
	HTLV	2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	14	MCH	PASS
	LTHV	2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	14	MCH	PASS
	LTLV	2	18	LCH	PASS
				MCH	PASS
				HCH	PASS
		3	14	MCH	PASS

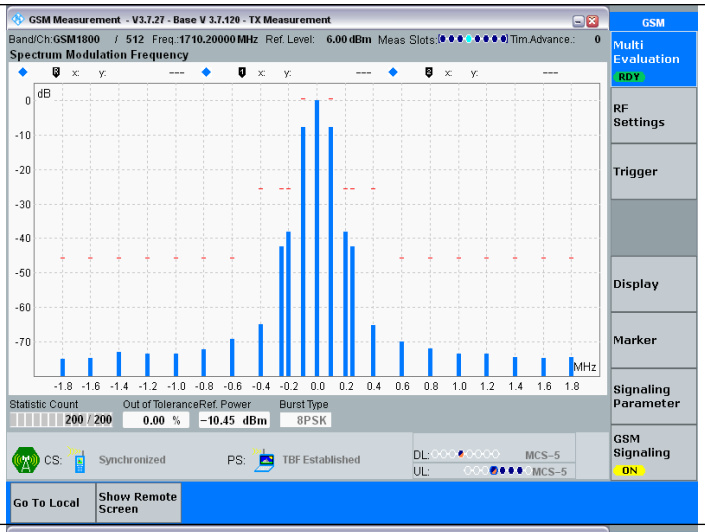
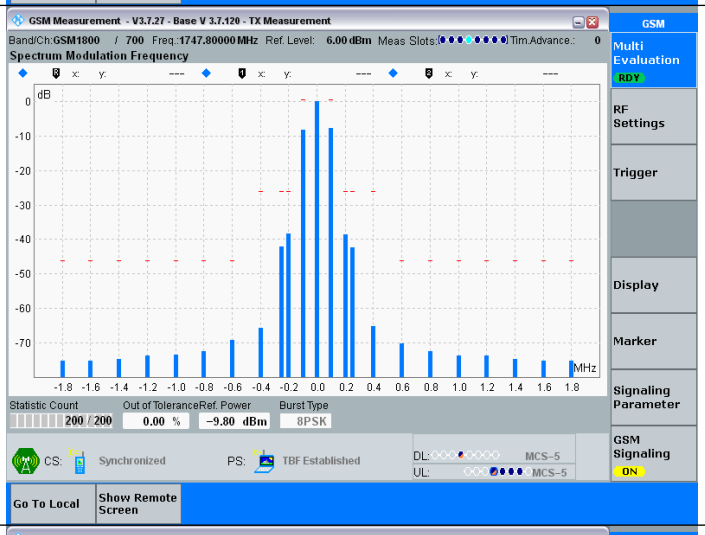
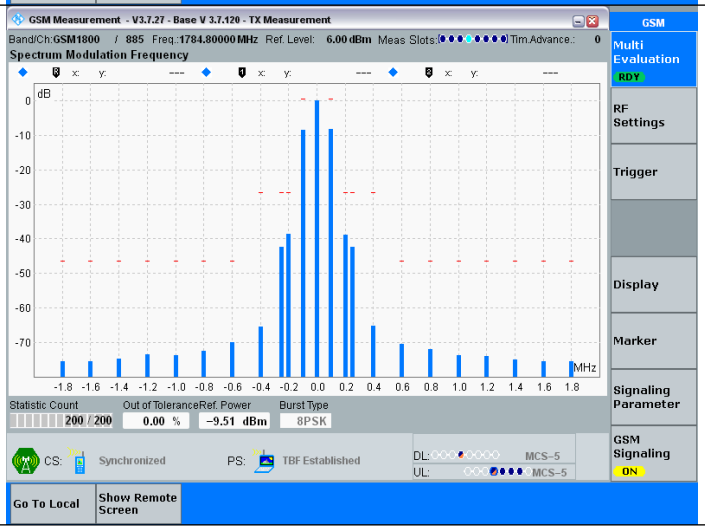
10.2 Test Graph

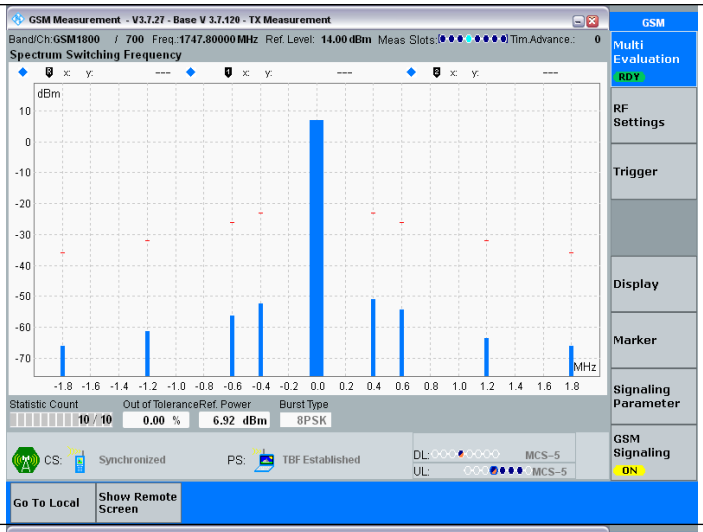
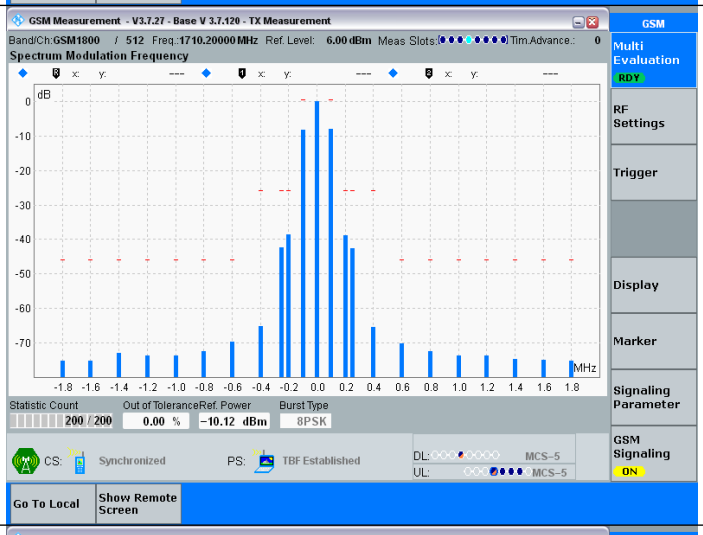
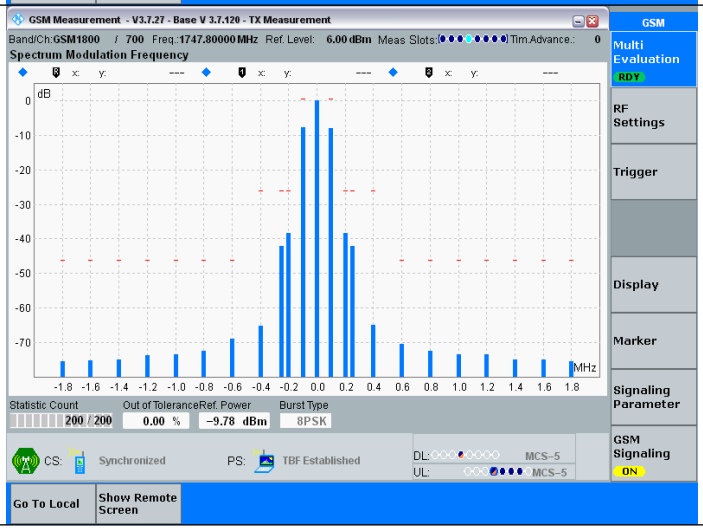
NTNV EGPRS Frequency: 1710.2 Spectrum Modulation	
NTNV EGPRS Frequency: 1747.8 Spectrum Modulation	
NTNV EGPRS Frequency: 1784.8 Spectrum Modulation	

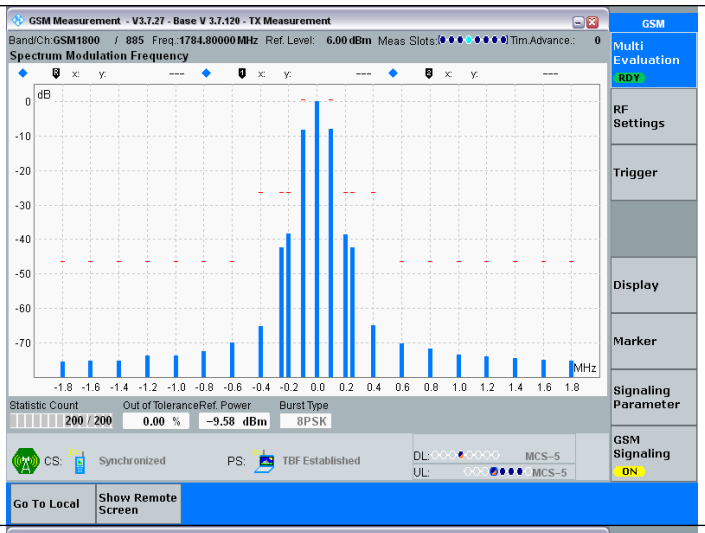
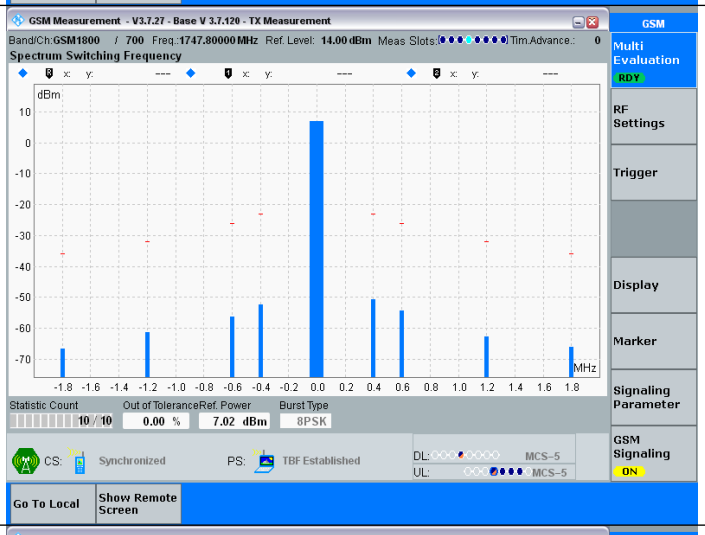
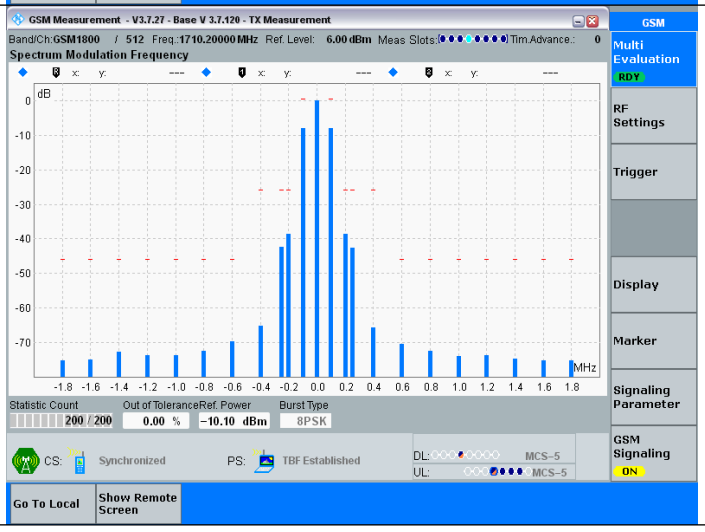
NTNV EGPRS Frequency: 1747.8 Spectrum Switching	
NTNV EGPRS Frequency: 1747.8 Spectrum Switching	
NTNV EGPRS Frequency: 1710.2 Spectrum Switching	

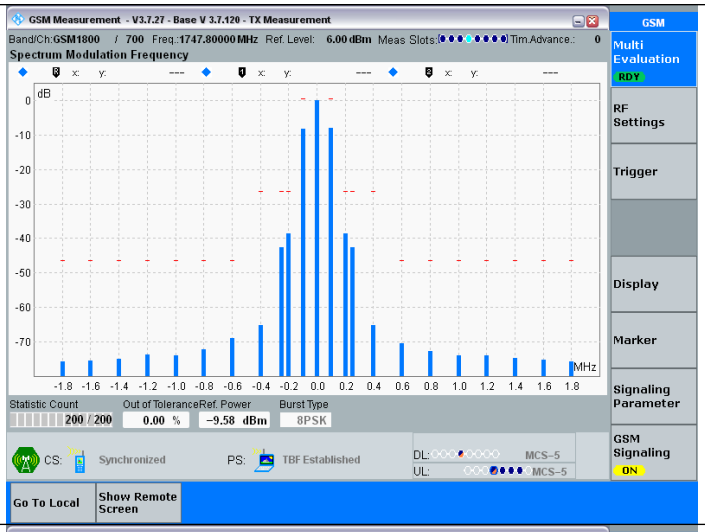
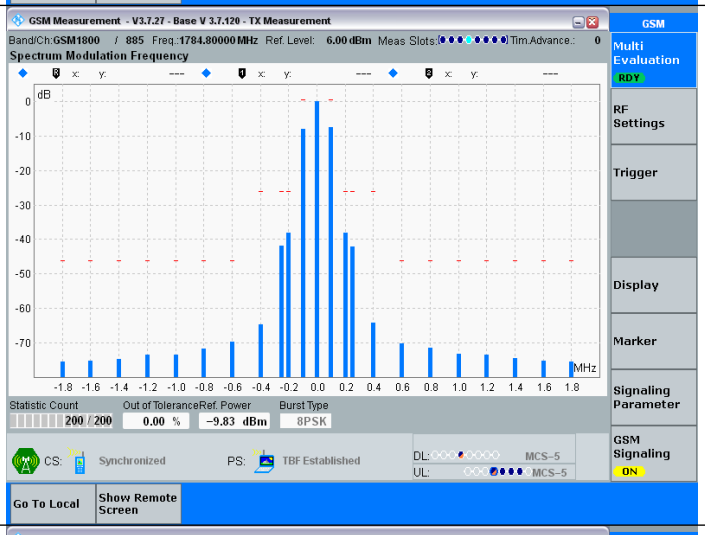
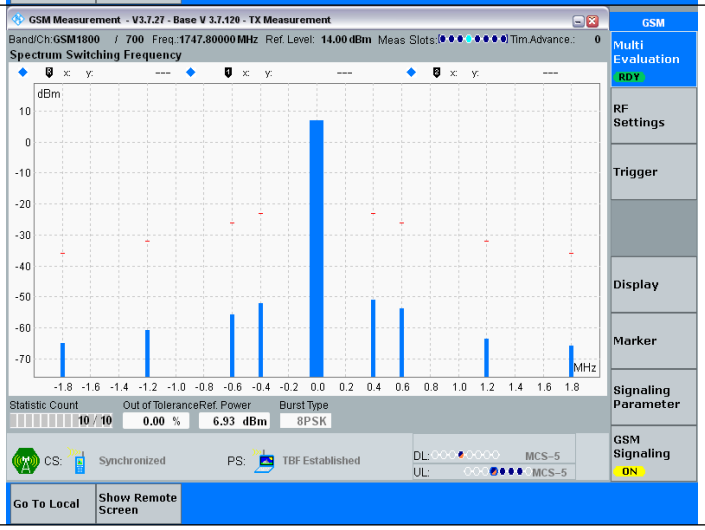
NTNV EGPRS Frequency: 1747.8 Spectrum Switching	
NTNV EGPRS Frequency: 1784.8 Spectrum Switching	
HTHV EGPRS Frequency: 1710.2 Spectrum Modulation	

HTHV EGPRS Frequency: 1747.8 Spectrum Modulation	
HTHV EGPRS Frequency: 1784.8 Spectrum Modulation	
HTHV EGPRS Frequency: 1747.8 Spectrum Switching	

HTLV EGPRS Frequency: 1710.2 Spectrum Modulation	
HTLV EGPRS Frequency: 1747.8 Spectrum Modulation	
HTLV EGPRS Frequency: 1784.8 Spectrum Modulation	

HTLV EGPRS Frequency: 1747.8 Spectrum Switching	
LTHV EGPRS Frequency: 1710.2 Spectrum Modulation	
LTHV EGPRS Frequency: 1747.8 Spectrum Modulation	

LTHV EGPRS Frequency: 1784.8 Spectrum Modulation	
LTHV EGPRS Frequency: 1747.8 Spectrum Switching	
LTLV EGPRS Frequency: 1710.2 Spectrum Modulation	

LTLV EGPRS Frequency: 1747.8 Spectrum Modulation	
LTLV EGPRS Frequency: 1784.8 Spectrum Modulation	
LTLV EGPRS Frequency: 1747.8 Spectrum Switching	

11. Inter-modulation rejection - control channels

11.1 Test Result

Test Mode	PCL	Test Condition	Channel	Verdict
DCS1800	0	NTNV	LCH	PASS
			MCH	PASS
			HCH	PASS
		HTHV	LCH	PASS
			MCH	PASS
			HCH	PASS
		HTLV	LCH	PASS
			MCH	PASS
			HCH	PASS
		LTHV	LCH	PASS
			MCH	PASS
			HCH	PASS
		LTLV	LCH	PASS
			MCH	PASS
			HCH	PASS

12. Inter-modulation rejection - EGPRS

12.1 Test Result

Test Mode	Test Item	GAMMA	Test Condition	Channel	Coding	Verdict
DCS1800	BLER	3	NTNV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC1	PASS
					MC2	PASS
					MC3	PASS
					MC4	PASS
					MC5	PASS
					MC6	PASS
					MC7	PASS
					MC8	PASS
					MC9	PASS
				HCH	MC4	PASS
					MC9	PASS
			HTHV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC4	PASS
					MC9	PASS
				HCH	MC4	PASS
					MC9	PASS
			HTLV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC4	PASS
					MC9	PASS
				HCH	MC4	PASS
					MC9	PASS
			LTHV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC4	PASS
					MC9	PASS
				HCH	MC4	PASS

					MC9	PASS
			LTLV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC4	PASS
					MC9	PASS
				HCH	MC4	PASS
					MC9	PASS

Test Mode	Test Item	GAMMA	Test Condition	Channel	Coding	Verdict
DCS1800	USF BLER	3	NTNV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC1	PASS
					MC2	PASS
					MC3	PASS
					MC4	PASS
					MC5	PASS
					MC6	PASS
					MC7	PASS
					MC8	PASS
					MC9	PASS
				HCH	MC4	PASS
					MC9	PASS
			HTHV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC4	PASS
					MC9	PASS
				HCH	MC4	PASS
					MC9	PASS
			HTLV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC4	PASS
					MC9	PASS
				HCH	MC4	PASS
					MC9	PASS
			LTHV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC4	PASS
					MC9	PASS
				HCH	MC4	PASS
					MC9	PASS
			LTLV	LCH	MC4	PASS
					MC9	PASS
				MCH	MC4	PASS
					MC9	PASS
				HCH	MC4	PASS
					MC9	PASS

13. AM suppression - control channels

13.1 Test Result

Test Mode	PCL	Test Condition	Channel	Verdict
DCS1800	0	NTNV	MCH	PASS

14. AM suppression - packet channels

14.1 Test Result

Test Mode	GAMMA	Test Condition	Channel	Test Item	Verdict
DCS1800	3	NTNV	MCH	BLER	PASS
				USF BLER	PASS

15. Adjacent channel rejection - control channels

15.1 Test Result

Test Mode	PCL	Channel	Test Type	Test Condition	Verdict
DCS1800	0	LCH	Adjacent Time Slot selectivity	NTNV	PASS
				HTHV	PASS
				HTLV	PASS
				LTHV	PASS
				LTLV	PASS
		MCH	Adjacent RF channel selectivity	NTNV	PASS
				HTHV	PASS
				HTLV	PASS
				LTHV	PASS
				LTLV	PASS

16. Adjacent channel rejection - EGPRS

16.1 Test Result

Test Mode	Test Mode	Test Item	GAMMA	Test Condition	Channel	Coding	Verdict
DCS1800	Adjacent RF channel selectivity	BLER	3	NTNV	MCH	MC1	PASS
						MC2	PASS
						MC3	PASS
						MC4	PASS
						MC5	PASS
						MC6	PASS
						MC7	PASS
						MC8	PASS
						MC9	PASS
				HTHV	MCH	MC4	PASS
						MC9	PASS
				HTLV	MCH	MC4	PASS
						MC9	PASS
				LTHV	MCH	MC4	PASS
						MC9	PASS
				LTLV	MCH	MC4	PASS
						MC9	PASS
		USF BLER	3	NTNV	MCH	MC1	PASS
						MC5	PASS
				HTHV	MCH	MC4	PASS
						MC9	PASS
				HTLV	MCH	MC4	PASS
						MC9	PASS

				LTHV	MCH	MC4	PASS
						MC9	PASS
				LTLV	MCH	MC4	PASS
						MC9	PASS

Test Mode	Test Mode	Test Item	GAMMA	Test Condition	Channel	Coding	Verdict
DCS1800	Adjacent Time Slot selectivity	BLER	3	NTNV	MCH	MC1	PASS
						MC2	PASS
						MC3	PASS
						MC4	PASS
						MC5	PASS
						MC6	PASS
						MC7	PASS
						MC8	PASS
						MC9	PASS
		USF BLER	3	NTNV	MCH	MC1	PASS
						MC5	PASS

17. Minimum Input level for Reference Performance - GPRS

17.1 Test Result

Test Mode	Test Item	GAMMA	Test Condition	Channel	DL Reference Level	Coding	Verdict
DCS1800	BLER	3	NTNV	MCH	Sensitivity+7	C3	PASS
				HOPP	Sensitivity+1	C3	PASS
					Sensitivity+1	C4	PASS
			HTHV	HOPP	Sensitivity+1	C3	PASS
					Sensitivity+1	C4	PASS
			HTLV	HOPP	Sensitivity+1	C3	PASS
					Sensitivity+1	C4	PASS
			LTHV	HOPP	Sensitivity+1	C3	PASS
					Sensitivity+1	C4	PASS
			LTLV	HOPP	Sensitivity+1	C3	PASS
					Sensitivity+1	C4	PASS
	USF BLER	3	NTNV	MCH	Sensitivity-3	C1	PASS
					Sensitivity-3	C2	PASS
					Sensitivity-3	C4	PASS
			HTHV	MCH	Sensitivity+1	C1	PASS
					Sensitivity+1	C2	PASS
					Sensitivity+1	C4	PASS
			HTLV	MCH	Sensitivity+1	C1	PASS
					Sensitivity+1	C2	PASS
					Sensitivity+1	C4	PASS
			LTHV	MCH	Sensitivity+1	C1	PASS
					Sensitivity+1	C2	PASS
					Sensitivity+1	C4	PASS
			LTLV	MCH	Sensitivity+1	C1	PASS
					Sensitivity+1	C2	PASS
					Sensitivity+1	C4	PASS

18. Minimum Input level for Reference Performance - EGPRS

18.1 Test Result

Test Mode	Test Item	GAMMA	Test Condition	Channel	DL Reference Level	Coding	Verdict
DCS1800	BLER	3	NTNV	MCH	Sensitivity+7	MC4	PASS
					Sensitivity+7	MC8	PASS
				HOPP	Sensitivity+1	MC1	PASS
					Sensitivity+1	MC2	PASS
					Sensitivity+1	MC3	PASS
					Sensitivity+1	MC4	PASS
					Sensitivity+1	MC5	PASS
					Sensitivity+1	MC6	PASS
					Sensitivity+1	MC7	PASS
					Sensitivity+1	MC8	PASS
					Sensitivity+1	MC9	PASS
			HTHV	HOPP	Sensitivity+1	MC4	PASS
					Sensitivity+1	MC8	PASS
			HTLV	HOPP	Sensitivity+1	MC4	PASS
					Sensitivity+1	MC8	PASS
			LTHV	HOPP	Sensitivity+1	MC4	PASS
					Sensitivity+1	MC8	PASS
			LTLV	HOPP	Sensitivity+1	MC4	PASS
					Sensitivity+1	MC8	PASS
	USF BLER	3	NTNV	MCH	Sensitivity-3	MC1	PASS
					Sensitivity-3	MC5	PASS
			HTHV	MCH	Sensitivity+1	MC1	PASS
					Sensitivity+1	MC5	PASS
			HTLV	MCH	Sensitivity+1	MC1	PASS
					Sensitivity+1	MC5	PASS
			LTHV	MCH	Sensitivity+1	MC1	PASS
					Sensitivity+1	MC5	PASS
			LTLV	MCH	Sensitivity+1	MC1	PASS
					Sensitivity+1	MC5	PASS