



Appendix for test report

APPENDIX FOR TEST REPORT1

1	APPENDIX_A: EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA	4
	<i>Part I - Test Results</i>	4
2	APPENDIX_B: PEAK-TO-AVERAGE RATIO	20
	<i>Part I - Test Results</i>	20
3	APPENDIX_C: MODULATION CHARACTERISTICS	34
	<i>Part I - Test Plots</i>	34
	3.3 For LTE	41
	3.3.1 Test Band = BAND2	41
	3.3.2 Test Band = BAND4	49
	3.3.3 Test Band = BAND5	57
	3.3.4 Test Band = BAND7	61
4	APPENDIX_D: BANDWIDTH	69
	<i>Part I - Test Results</i>	69
	<i>Part II - Test Plots</i>	73
	4.3 For LTE	94
	4.3.1 Test Band = BAND2	94
	4.3.2 Test Band = BAND4	118
	4.3.3 Test Band = BAND5	142
	4.3.4 Test Band = BAND7	154
5	APPENDIX_E: BAND EDGES COMPLIANCE	178
	<i>Part I - Test Plots</i>	178
	5.3 For LTE	192
	5.3.1 Test Band = BAND2	192
	5.3.2 Test Band = BAND4	256
	5.3.3 Test Band = BAND5	320
	5.3.4 Test Band = BAND7	352
6	APPENDIX_F: SPURIOUS EMISSION AT ANTENNA TERMINAL	416
	<i>Part I - Test Plots</i>	416
	6.3 For LTE	488
	6.3.1 Test Band = BAND2	488
	6.3.2 Test Band = BAND4	560
	6.3.3 Test Band = BAND5	632
	6.3.4 Test Band = BAND7	680
7	APPENDIX_G: FIELD STRENGTH OF SPURIOUS RADIATION	752
	<i>Part I - Test Plots</i>	752
	7.3 For LTE	769
	7.3.1 Test Band = BAND2	769
	7.3.2 Test Band = BAND4	775
	7.3.3 Test Band = BAND5	779
	7.3.4 Test Band = BAND7	783
8	APPENDIX_H: FREQUENCY STABILITY	789



8.1.1Frequency Error vs. Voltage:.....	789
8.1.2Frequency Error vs. Temperature:.....	790
8.2.1Frequency Error vs. Voltage:.....	793
8.2.2Frequency Error vs. Temperature:.....	793
8.3.1Frequency Error vs. Voltage:.....	796
8.3.2Frequency Error vs. Voltage:.....	802

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
GSM850	GSM/TM1	LCH	32.05	29.73	38.5	PASS
		MCH	31.99	29.64	38.5	PASS
		HCH	32.27	29.92	38.5	PASS
	GSM/TM2	LCH	25.88	23.76	38.5	PASS
		MCH	25.91	23.56	38.5	PASS
		HCH	25.92	23.87	38.5	PASS
WCDMA850	UMTS/TM1	LCH	22.6	20.52	38.5	PASS
		MCH	22.67	20.38	38.5	PASS
		HCH	22.55	20.56	38.5	PASS
Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.15	32.34	33	PASS
		MCH	29.17	32.42	33	PASS
		HCH	29.19	32.51	33	PASS
	GSM/TM2	LCH	24.94	28.14	33	PASS
		MCH	24.93	28.18	33	PASS
		HCH	24.77	27.91	33	PASS
WCDMA1900	UMTS/TM1	LCH	22.54	25.72	33	PASS
		MCH	22.59	25.79	33	PASS
		HCH	22.49	25.65	33	PASS
WCDMA1700	UMTS/TM1	LCH	22.45	25.15	30	PASS
		MCH	22.46	24.96	30	PASS
		HCH	22.39	24.89	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND2	LTE/TM1	5	LCH	RB1#0	22.23	25.45	33	PASS
				RB1#13	22.04	25.21	33	PASS
				RB1#24	22.69	26.25	33	PASS
				RB12#0	20.78	23.91	33	PASS
				RB12#6	21.04	24.63	33	PASS
				RB12#13	20.93	24.51	33	PASS
				RB25#0	20.8	24.15	33	PASS
			MCH	RB1#0	22.99	26.5	33	PASS
				RB1#13	22.57	25.72	33	PASS
				RB1#24	22.38	25.58	33	PASS
				RB12#0	21.55	25.07	33	PASS
				RB12#6	21.52	24.72	33	PASS
				RB12#13	21.23	24.41	33	PASS
				RB25#0	21.3	24.55	33	PASS
			HCH	RB1#0	22.11	25.36	33	PASS
				RB1#13	21.85	25.05	33	PASS
				RB1#24	22.64	25.82	33	PASS
				RB12#0	20.89	24.05	33	PASS
				RB12#6	21.14	24.34	33	PASS
				RB12#13	21.04	24.41	33	PASS
				RB25#0	20.89	24.25	33	PASS
		10	LCH	RB1#0	21.85	25.05	33	PASS
				RB1#25	22.75	26.21	33	PASS
				RB1#49	22.92	26.48	33	PASS
				RB25#0	20.78	23.98	33	PASS
				RB25#13	21.15	24.35	33	PASS
				RB25#25	20.97	24.17	33	PASS
				RB50#0	20.84	24.33	33	PASS
			MCH	RB1#0	22.85	26.32	33	PASS
				RB1#25	22.61	25.81	33	PASS
				RB1#49	21.98	25.18	33	PASS
				RB25#0	21.42	24.62	33	PASS
				RB25#13	21.34	24.9	33	PASS
				RB25#25	20.89	24.34	33	PASS
				RB50#0	21.08	24.25	33	PASS
			HCH	RB1#0	22.78	26.37	33	PASS
				RB1#25	22.16	25.36	33	PASS

				RB1#49	21.89	25.09	33	PASS
				RB25#0	20.96	24.4	33	PASS
				RB25#13	20.82	24.28	33	PASS
				RB25#25	20.4	23.62	33	PASS
				RB50#0	20.57	23.75	33	PASS
		15	LCH	RB1#0	21.71	24.91	33	PASS
				RB1#38	22.7	26.14	33	PASS
				RB1#74	22.57	25.77	33	PASS
				RB38#0	20.74	23.94	33	PASS
				RB38#19	21.22	24.42	33	PASS
				RB38#39	21.27	24.45	33	PASS
				RB75#0	20.98	24.12	33	PASS
			MCH	RB1#0	22.75	25.99	33	PASS
				RB1#38	22.47	25.67	33	PASS
				RB1#74	21.5	24.76	33	PASS
				RB38#0	21.46	24.61	33	PASS
				RB38#19	21.29	24.49	33	PASS
				RB38#39	20.63	23.86	33	PASS
				RB75#0	21	24.22	33	PASS
			HCH	RB1#0	22.46	25.68	33	PASS
				RB1#38	22.3	25.55	33	PASS
				RB1#74	21.46	24.66	33	PASS
				RB38#0	21.74	24.87	33	PASS
				RB38#19	21.41	24.64	33	PASS
				RB38#39	20.47	23.63	33	PASS
				RB75#0	20.94	24.37	33	PASS
		20	LCH	RB1#0	21.42	24.94	33	PASS
				RB1#50	22.26	25.46	33	PASS
				RB1#99	22.62	25.82	33	PASS
				RB50#0	20.8	24.31	33	PASS
				RB50#25	21.13	24.33	33	PASS
				RB50#50	21.31	24.8	33	PASS
				RB100#0	21.06	24.48	33	PASS
			MCH	RB1#0	22.47	25.65	33	PASS
				RB1#50	22.15	25.38	33	PASS
				RB1#99	21.55	25.12	33	PASS
				RB50#0	21.35	24.55	33	PASS
				RB50#25	20.89	24.15	33	PASS
				RB50#50	20.45	23.69	33	PASS
				RB100#0	20.82	24.21	33	PASS
			HCH	RB1#0	21.8	25.02	33	PASS

	LTE/TM2			RB1#50	22.47	25.69	33	PASS
				RB1#99	21.69	24.87	33	PASS
				RB50#0	21.09	24.25	33	PASS
				RB50#25	20.99	24.17	33	PASS
				RB50#50	20.51	23.97	33	PASS
				RB100#0	20.91	24.16	33	PASS
		5	LCH	RB1#0	21.83	25.28	33	PASS
				RB1#13	21.42	25	33	PASS
				RB1#24	21.92	25.19	33	PASS
				RB12#0	19.55	22.77	33	PASS
				RB12#6	19.94	23.28	33	PASS
				RB12#13	19.94	23.14	33	PASS
				RB25#0	19.67	23.22	33	PASS
			MCH	RB1#0	22.22	25.42	33	PASS
				RB1#13	21.93	25.19	33	PASS
				RB1#24	21.53	24.94	33	PASS
				RB12#0	20.4	23.62	33	PASS
				RB12#6	20.43	23.63	33	PASS
				RB12#13	20.14	23.34	33	PASS
				RB25#0	20.21	23.8	33	PASS
			HCH	RB1#0	21.59	24.79	33	PASS
				RB1#13	21.32	24.52	33	PASS
				RB1#24	21.83	25.4	33	PASS
				RB12#0	19.57	22.77	33	PASS
				RB12#6	19.84	23.01	33	PASS
				RB12#13	19.8	23.01	33	PASS
				RB25#0	19.53	22.96	33	PASS
		10	LCH	RB1#0	21.45	24.65	33	PASS
				RB1#25	22.08	25.28	33	PASS
				RB1#49	22.35	25.54	33	PASS
				RB25#0	19.57	22.77	33	PASS
				RB25#13	19.99	23.19	33	PASS
				RB25#25	19.87	23.05	33	PASS
				RB50#0	19.69	22.89	33	PASS
			MCH	RB1#0	22.26	25.48	33	PASS
				RB1#25	21.98	25.12	33	PASS
				RB1#49	21.23	24.43	33	PASS
				RB25#0	20.26	23.46	33	PASS
				RB25#13	20.14	23.34	33	PASS
				RB25#25	19.69	22.89	33	PASS
				RB50#0	19.9	23.34	33	PASS

			HCH	RB1#0	22.21	25.68	33	PASS
				RB1#25	21.55	24.75	33	PASS
				RB1#49	21.3	24.5	33	PASS
				RB25#0	19.85	23.05	33	PASS
				RB25#13	19.64	22.84	33	PASS
				RB25#25	19.22	22.63	33	PASS
				RB50#0	19.44	22.64	33	PASS
		15	LCH	RB1#0	21.2	24.4	33	PASS
				RB1#38	22.3	25.5	33	PASS
				RB1#74	21.77	25.21	33	PASS
				RB38#0	19.68	22.88	33	PASS
				RB38#19	20.2	23.4	33	PASS
				RB38#39	20.32	23.52	33	PASS
				RB75#0	19.96	23.16	33	PASS
			MCH	RB1#0	22.39	25.95	33	PASS
				RB1#38	22.03	25.23	33	PASS
				RB1#74	21.09	24.27	33	PASS
				RB38#0	20.43	23.63	33	PASS
				RB38#19	20.22	23.42	33	PASS
				RB38#39	19.57	22.77	33	PASS
				RB75#0	19.95	23.10	33	PASS
			HCH	RB1#0	22.19	25.32	33	PASS
				RB1#38	21.95	25.14	33	PASS
				RB1#74	21.07	24.6	33	PASS
				RB38#0	20.76	23.96	33	PASS
				RB38#19	20.4	23.6	33	PASS
				RB38#39	19.44	22.99	33	PASS
				RB75#0	19.94	23.14	33	PASS
		20	LCH	RB1#0	21.08	24.28	33	PASS
				RB1#50	22.08	25.25	33	PASS
				RB1#99	22.19	25.39	33	PASS
				RB50#0	19.62	22.82	33	PASS
				RB50#25	19.98	23.18	33	PASS
				RB50#50	20.2	23.46	33	PASS
				RB100#0	19.92	23.10	33	PASS
			MCH	RB1#0	22.27	25.47	33	PASS
				RB1#50	21.67	24.82	33	PASS
				RB1#99	21.14	24.31	33	PASS
				RB50#0	20.19	23.39	33	PASS
				RB50#25	19.69	22.84	33	PASS
				RB50#50	19.5	22.97	33	PASS

				RB100#0	19.8	23	33	PASS
			HCH	RB1#0	21.53	25.02	33	PASS
				RB1#50	22.14	25.34	33	PASS
				RB1#99	21.31	24.8	33	PASS
				RB50#0	19.99	23.19	33	PASS
				RB50#25	19.86	23.05	33	PASS
				RB50#50	19.38	22.58	33	PASS
				RB100#0	19.8	23.41	33	PASS
Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	5	LCH	RB1#0	22.21	24.97	30	PASS
				RB1#13	21.98	24.48	30	PASS
				RB1#24	22.18	24.62	30	PASS
				RB12#0	20.84	23.34	30	PASS
				RB12#6	20.95	23.41	30	PASS
				RB12#13	20.72	23.22	30	PASS
				RB25#0	20.73	23.23	30	PASS
			MCH	RB1#0	22.32	24.82	30	PASS
				RB1#13	22.25	24.71	30	PASS
				RB1#24	22.28	24.78	30	PASS
				RB12#0	20.97	23.49	30	PASS
				RB12#6	21.21	23.71	30	PASS
				RB12#13	21.31	24.09	30	PASS
				RB25#0	21.29	23.79	30	PASS
			HCH	RB1#0	22.4	24.92	30	PASS
				RB1#13	22.27	24.77	30	PASS
				RB1#24	22.74	25.21	30	PASS
				RB12#0	21.14	23.67	30	PASS
				RB12#6	21.25	23.74	30	PASS
				RB12#13	21.15	23.65	30	PASS
				RB25#0	21.25	23.71	30	PASS
		10	LCH	RB1#0	22.17	24.67	30	PASS
				RB1#25	22.29	24.79	30	PASS
				RB1#49	21.83	24.33	30	PASS
				RB25#0	20.64	23.46	30	PASS
				RB25#13	20.85	23.35	30	PASS
				RB25#25	20.54	23.05	30	PASS
				RB50#0	20.62	23.12	30	PASS
			MCH	RB1#0	22.4	25.29	30	PASS
				RB1#25	22.46	24.93	30	PASS

				RB1#49	22.36	24.86	30	PASS
				RB25#0	20.8	23.3	30	PASS
				RB25#13	21.14	23.64	30	PASS
				RB25#25	21.04	23.54	30	PASS
				RB50#0	20.97	23.47	30	PASS
			HCH	RB1#0	22.34	24.84	30	PASS
				RB1#25	22.2	24.72	30	PASS
				RB1#49	22.68	25.45	30	PASS
				RB25#0	21.06	23.56	30	PASS
				RB25#13	21.13	23.63	30	PASS
				RB25#25	20.84	23.34	30	PASS
				RB50#0	21	23.51	30	PASS
		15	LCH	RB1#0	21.71	24.21	30	PASS
				RB1#38	21.67	24.54	30	PASS
				RB1#74	21.69	24.19	30	PASS
				RB38#0	20.59	23.09	30	PASS
				RB38#19	20.65	23.15	30	PASS
				RB38#39	20.67	23.53	30	PASS
				RB75#0	20.55	23.05	30	PASS
			MCH	RB1#0	21.91	24.41	30	PASS
				RB1#38	22.29	24.79	30	PASS
				RB1#74	21.93	24.79	30	PASS
				RB38#0	20.91	23.67	30	PASS
				RB38#19	21.1	23.6	30	PASS
				RB38#39	21.04	23.83	30	PASS
				RB75#0	21.07	23.57	30	PASS
			HCH	RB1#0	22.22	24.72	30	PASS
				RB1#38	22.07	24.78	30	PASS
				RB1#74	22.4	24.92	30	PASS
				RB38#0	20.99	23.49	30	PASS
				RB38#19	21	23.51	30	PASS
				RB38#39	20.64	23.45	30	PASS
				RB75#0	20.88	23.35	30	PASS
		20	LCH	RB1#0	21.86	24.36	30	PASS
				RB1#50	21.76	24.27	30	PASS
				RB1#99	22.58	25.04	30	PASS
				RB50#0	20.81	23.31	30	PASS
				RB50#25	20.52	23.09	30	PASS
				RB50#50	20.85	23.35	30	PASS
				RB100#0	20.9	23.43	30	PASS
			MCH	RB1#0	22.44	24.94	30	PASS

				RB1#50	22.45	24.95	30	PASS
				RB1#99	22.7	25.52	30	PASS
				RB50#0	21.17	24.04	30	PASS
				RB50#25	21.29	23.79	30	PASS
				RB50#50	21.17	23.69	30	PASS
				RB100#0	21.22	23.70	30	PASS
			HCH	RB1#0	22.64	25.14	30	PASS
				RB1#50	22.16	24.61	30	PASS
				RB1#99	21.8	24.3	30	PASS
				RB50#0	21.26	23.76	30	PASS
				RB50#25	21.07	23.57	30	PASS
				RB50#50	20.86	23.36	30	PASS
				RB100#0	21.06	23.86	30	PASS
	LTE/TM2	5	LCH	RB1#0	21.3	24.09	30	PASS
				RB1#13	21.36	23.86	30	PASS
				RB1#24	21.55	24.05	30	PASS
				RB12#0	19.6	22.12	30	PASS
				RB12#6	19.84	22.34	30	PASS
				RB12#13	19.72	22.22	30	PASS
				RB25#0	19.63	22.51	30	PASS
			MCH	RB1#0	21.9	24.66	30	PASS
				RB1#13	22.02	24.52	30	PASS
				RB1#24	22.01	24.51	30	PASS
				RB12#0	20.24	23.08	30	PASS
				RB12#6	20.51	23.36	30	PASS
				RB12#13	20.29	23.02	30	PASS
				RB25#0	20.28	22.78	30	PASS
			HCH	RB1#0	21.74	24.24	30	PASS
				RB1#13	21.36	23.86	30	PASS
				RB1#24	22.44	24.91	30	PASS
				RB12#0	19.62	22.37	30	PASS
				RB12#6	19.71	22.25	30	PASS
				RB12#13	19.64	22.14	30	PASS
				RB25#0	19.75	22.25	30	PASS
		10	LCH	RB1#0	21.58	24.05	30	PASS
				RB1#25	21.91	24.41	30	PASS
				RB1#49	21.66	24.16	30	PASS
				RB25#0	19.43	22.32	30	PASS
				RB25#13	19.69	22.19	30	PASS
				RB25#25	19.32	21.82	30	PASS
				RB50#0	19.44	21.96	30	PASS

			MCH	RB1#0	22.23	24.73	30	PASS
				RB1#25	22.33	25.16	30	PASS
				RB1#49	22.25	24.75	30	PASS
				RB25#0	19.88	22.38	30	PASS
				RB25#13	20.28	22.78	30	PASS
				RB25#25	20.14	22.64	30	PASS
				RB50#0	20.07	22.54	30	PASS
			HCH	RB1#0	21.59	24.09	30	PASS
				RB1#25	21.39	23.83	30	PASS
				RB1#49	22.06	24.56	30	PASS
				RB25#0	19.69	22.14	30	PASS
				RB25#13	19.7	22.22	30	PASS
				RB25#25	19.41	21.91	30	PASS
				RB50#0	19.59	22.09	30	PASS
		15	LCH	RB1#0	21.12	23.62	30	PASS
				RB1#38	21.07	23.57	30	PASS
				RB1#74	21.48	23.98	30	PASS
				RB38#0	19.54	22.04	30	PASS
				RB38#19	19.45	21.95	30	PASS
				RB38#39	19.47	22.32	30	PASS
				RB75#0	19.35	21.81	30	PASS
			MCH	RB1#0	21.63	24.13	30	PASS
				RB1#38	22.05	24.55	30	PASS
				RB1#74	21.7	24.29	30	PASS
				RB38#0	20.08	22.58	30	PASS
				RB38#19	20.32	22.82	30	PASS
				RB38#39	20.19	22.69	30	PASS
				RB75#0	20.24	22.74	30	PASS
			HCH	RB1#0	22.11	24.61	30	PASS
				RB1#38	21.68	24.18	30	PASS
				RB1#74	22.04	24.54	30	PASS
				RB38#0	20.07	22.54	30	PASS
				RB38#19	20.02	22.52	30	PASS
				RB38#39	19.6	22.13	30	PASS
				RB75#0	19.9	22.67	30	PASS
		20	LCH	RB1#0	21.75	24.5	30	PASS
				RB1#50	21.77	24.48	30	PASS
				RB1#99	22.53	25.36	30	PASS
				RB50#0	19.68	22.51	30	PASS
				RB50#25	19.7	22.59	30	PASS
				RB50#50	19.93	22.71	30	PASS

				RB100#0	19.78	22.28	30	PASS
			MCH	RB1#0	22.27	24.71	30	PASS
				RB1#50	22.34	24.84	30	PASS
				RB1#99	22.53	25.03	30	PASS
				RB50#0	20.12	22.62	30	PASS
				RB50#25	20.31	22.81	30	PASS
				RB50#50	20.24	22.79	30	PASS
				RB100#0	20.17	22.96	30	PASS
			HCH	RB1#0	22.57	25.07	30	PASS
				RB1#50	22.01	24.88	30	PASS
				RB1#99	21.27	23.77	30	PASS
				RB50#0	20.35	22.85	30	PASS
				RB50#25	20.1	22.62	30	PASS
				RB50#50	19.88	22.38	30	PASS
				RB100#0	20.11	22.87	30	PASS
Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel I	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
BAND5	LTE/TM1	5	LCH	RB1#0	22.73	20.38	38.5	PASS
				RB1#13	22.48	20.13	38.5	PASS
				RB1#24	22.49	20.14	38.5	PASS
				RB12#0	21.53	19.18	38.5	PASS
				RB12#6	21.72	19.37	38.5	PASS
				RB12#13	21.52	19.17	38.5	PASS
				RB25#0	21.45	19.45	38.5	PASS
			MCH	RB1#0	22.9	20.89	38.5	PASS
				RB1#13	22.93	20.58	38.5	PASS
				RB1#24	23.04	20.69	38.5	PASS
				RB12#0	21.55	19.2	38.5	PASS
				RB12#6	21.83	19.48	38.5	PASS
				RB12#13	21.6	19.25	38.5	PASS
				RB25#0	21.51	19.37	38.5	PASS
			HCH	RB1#0	22.49	20.39	38.5	PASS
				RB1#13	22.17	19.82	38.5	PASS
				RB1#24	22.16	19.81	38.5	PASS
				RB12#0	21.23	18.88	38.5	PASS
				RB12#6	21.35	19.12	38.5	PASS
				RB12#13	21.18	18.83	38.5	PASS
				RB25#0	21.27	18.92	38.5	PASS
		10	LCH	RB1#0	22.81	20.46	38.5	PASS
				RB1#25	22.96	20.61	38.5	PASS

				RB1#49	23.04	20.69	38.5	PASS
				RB25#0	21.6	19.56	38.5	PASS
				RB25#13	21.79	19.44	38.5	PASS
				RB25#25	21.52	19.17	38.5	PASS
				RB50#0	21.56	19.21	38.5	PASS
			MCH	RB1#0	23.08	20.73	38.5	PASS
				RB1#25	23.21	21.21	38.5	PASS
				RB1#49	23.23	20.88	38.5	PASS
				RB25#0	21.6	19.25	38.5	PASS
				RB25#13	21.77	19.42	38.5	PASS
				RB25#25	21.65	19.33	38.5	PASS
				RB50#0	21.67	19.32	38.5	PASS
			HCH	RB1#0	23.43	21.08	38.5	PASS
				RB1#25	22.77	20.42	38.5	PASS
				RB1#49	22.51	20.16	38.5	PASS
				RB25#0	21.6	19.25	38.5	PASS
				RB25#13	21.69	19.72	38.5	PASS
				RB25#25	21.37	19.38	38.5	PASS
				RB50#0	21.56	19.21	38.5	PASS
	LTE/TM2	5	LCH	RB1#0	22.74	20.72	38.5	PASS
				RB1#13	22.48	20.13	38.5	PASS
				RB1#24	22.47	20.16	38.5	PASS
				RB12#0	21.37	19.02	38.5	PASS
				RB12#6	21.55	19.2	38.5	PASS
				RB12#13	21.35	19.26	38.5	PASS
				RB25#0	21.26	19.27	38.5	PASS
			MCH	RB1#0	22.78	20.43	38.5	PASS
				RB1#13	22.83	20.48	38.5	PASS
				RB1#24	22.93	20.58	38.5	PASS
				RB12#0	21.35	19.21	38.5	PASS
				RB12#6	21.63	19.28	38.5	PASS
				RB12#13	21.39	19.04	38.5	PASS
				RB25#0	21.31	19.3	38.5	PASS
			HCH	RB1#0	22.58	20.23	38.5	PASS
				RB1#13	22.31	19.96	38.5	PASS
				RB1#24	22.51	20.16	38.5	PASS
				RB12#0	21.23	18.88	38.5	PASS
				RB12#6	21.35	19	38.5	PASS
				RB12#13	21.18	18.83	38.5	PASS
				RB25#0	21.22	18.87	38.5	PASS
		10	LCH	RB1#0	22.83	20.48	38.5	PASS

				RB1#25	22.73	20.38	38.5	PASS
				RB1#49	22.86	20.51	38.5	PASS
				RB25#0	21.38	19.03	38.5	PASS
				RB25#13	21.55	19.55	38.5	PASS
				RB25#25	21.27	18.92	38.5	PASS
				RB50#0	21.3	18.95	38.5	PASS
			MCH	RB1#0	22.82	20.47	38.5	PASS
				RB1#25	23.21	20.86	38.5	PASS
				RB1#49	23.21	20.86	38.5	PASS
				RB25#0	21.58	19.23	38.5	PASS
				RB25#13	21.77	19.42	38.5	PASS
				RB25#25	21.64	19.29	38.5	PASS
				RB50#0	21.65	19.55	38.5	PASS
			HCH	RB1#0	23.3	20.99	38.5	PASS
				RB1#25	22.63	20.28	38.5	PASS
				RB1#49	22.38	20.03	38.5	PASS
				RB25#0	21.63	19.28	38.5	PASS
				RB25#13	21.69	19.34	38.5	PASS
				RB25#25	21.38	19.38	38.5	PASS
				RB50#0	21.53	19.43	38.5	PASS
Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND7	LTE/TM1	5	LCH	RB1#0	21.94	25.36	33	PASS
				RB1#13	22.04	25.24	33	PASS
				RB1#24	21.81	25.01	33	PASS
				RB12#0	20.73	23.99	33	PASS
				RB12#6	20.98	24.51	33	PASS
				RB12#13	20.75	23.95	33	PASS
				RB25#0	20.69	23.89	33	PASS
			MCH	RB1#0	22.16	25.36	33	PASS
				RB1#13	22.3	25.56	33	PASS
				RB1#24	22.08	25.28	33	PASS
				RB12#0	20.99	24.19	33	PASS
				RB12#6	21.23	24.73	33	PASS
				RB12#13	21.09	24.29	33	PASS
				RB25#0	21.08	24.54	33	PASS
			HCH	RB1#0	22.19	25.39	33	PASS
				RB1#13	22.33	25.50	33	PASS
				RB1#24	22.22	25.42	33	PASS
				RB12#0	21.15	24.72	33	PASS

				RB12#6	21.5	24.76	33	PASS
				RB12#13	21.3	24.51	33	PASS
				RB25#0	21.25	24.45	33	PASS
		10	LCH	RB1#0	22.32	25.52	33	PASS
				RB1#25	22.53	25.73	33	PASS
				RB1#49	22.21	25.77	33	PASS
				RB25#0	21.09	24.29	33	PASS
				RB25#13	21.35	24.50	33	PASS
				RB25#25	21.12	24.32	33	PASS
				RB50#0	21.07	24.27	33	PASS
			MCH	RB1#0	22.58	25.77	33	PASS
				RB1#25	22.78	25.98	33	PASS
				RB1#49	22.25	25.45	33	PASS
				RB25#0	21.4	24.62	33	PASS
				RB25#13	21.69	24.89	33	PASS
				RB25#25	21.38	24.58	33	PASS
				RB50#0	21.43	24.86	33	PASS
			HCH	RB1#0	22.3	25.59	33	PASS
				RB1#25	22.21	25.41	33	PASS
				RB1#49	21.86	25.06	33	PASS
				RB25#0	21.04	24.46	33	PASS
				RB25#13	21.12	24.32	33	PASS
				RB25#25	20.91	24.34	33	PASS
				RB50#0	20.87	24.03	33	PASS
		15	LCH	RB1#0	22.09	25.63	33	PASS
				RB1#38	22.38	25.58	33	PASS
				RB1#74	22.03	25.63	33	PASS
				RB36#0	21.11	24.36	33	PASS
				RB36#18	21.27	24.72	33	PASS
				RB36#39	21.16	24.36	33	PASS
				RB75#0	21.11	24.31	33	PASS
			MCH	RB1#0	22.54	25.97	33	PASS
				RB1#38	22.61	25.81	33	PASS
				RB1#74	21.96	25.16	33	PASS
				RB36#0	21.42	24.62	33	PASS
				RB36#18	21.46	25.03	33	PASS
				RB36#39	21.29	24.49	33	PASS
				RB75#0	21.41	24.69	33	PASS
			HCH	RB1#0	21.97	25.17	33	PASS
				RB1#38	22.15	25.68	33	PASS
				RB1#74	21.49	24.69	33	PASS

				RB36#0	21.11	24.58	33	PASS
				RB36#18	21.22	24.42	33	PASS
				RB36#39	20.77	23.97	33	PASS
				RB75#0	21.01	24.28	33	PASS
		20	LCH	RB1#0	21.99	25.17	33	PASS
				RB1#50	22.14	25.34	33	PASS
				RB1#99	22.27	25.46	33	PASS
				RB50#0	20.94	24.46	33	PASS
				RB50#25	21.02	24.61	33	PASS
				RB50#50	21.05	24.25	33	PASS
				RB100#0	20.91	24.49	33	PASS
			MCH	RB1#0	22.42	25.62	33	PASS
				RB1#50	22.32	25.53	33	PASS
				RB1#99	22.02	25.22	33	PASS
				RB50#0	21.46	24.66	33	PASS
				RB50#25	21.39	24.96	33	PASS
				RB50#50	21.23	24.43	33	PASS
				RB100#0	21.35	24.55	33	PASS
			HCH	RB1#0	22.05	25.29	33	PASS
				RB1#50	22	25.21	33	PASS
				RB1#99	21.61	24.87	33	PASS
				RB50#0	21.01	24.61	33	PASS
				RB50#25	21	24.2	33	PASS
				RB50#50	20.75	23.95	33	PASS
				RB100#0	20.83	24.03	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.79	24.99	33	PASS
				RB1#13	21.88	25.08	33	PASS
				RB1#24	21.75	25.26	33	PASS
				RB12#0	20.81	24.01	33	PASS
				RB12#6	21.06	24.26	33	PASS
				RB12#13	20.84	24.46	33	PASS
				RB25#0	20.84	24.04	33	PASS
			MCH	RB1#0	22.13	25.33	33	PASS
				RB1#13	22.29	25.49	33	PASS
				RB1#24	22.05	25.25	33	PASS
				RB12#0	21.15	24.35	33	PASS
				RB12#6	21.35	24.51	33	PASS
				RB12#13	21.22	24.42	33	PASS
				RB25#0	21.25	24.49	33	PASS
			HCH	RB1#0	21.88	25.08	33	PASS
				RB1#13	22.02	25.22	33	PASS

				RB1#24	21.86	25.06	33	PASS
				RB12#0	20.69	24.27	33	PASS
				RB12#6	21.05	24.25	33	PASS
				RB12#13	20.86	24.06	33	PASS
				RB25#0	20.76	23.91	33	PASS
		10	LCH	RB1#0	22.13	25.33	33	PASS
				RB1#25	22.33	25.49	33	PASS
				RB1#49	22	25.23	33	PASS
				RB25#0	20.7	23.95	33	PASS
				RB25#13	20.96	24.16	33	PASS
				RB25#25	20.74	23.94	33	PASS
				RB50#0	20.71	23.97	33	PASS
			MCH	RB1#0	22.43	25.63	33	PASS
				RB1#25	22.58	25.99	33	PASS
				RB1#49	22.04	25.27	33	PASS
				RB25#0	21.04	24.52	33	PASS
				RB25#13	21.32	24.56	33	PASS
				RB25#25	21.02	24.22	33	PASS
				RB50#0	21.09	24.29	33	PASS
			HCH	RB1#0	21.85	25.05	33	PASS
				RB1#25	21.77	25.35	33	PASS
				RB1#49	21.43	24.63	33	PASS
				RB25#0	20.76	23.96	33	PASS
				RB25#13	20.83	24.01	33	PASS
				RB25#25	20.63	23.83	33	PASS
				RB50#0	20.56	23.76	33	PASS
		15	LCH	RB1#0	21.79	24.99	33	PASS
				RB1#38	22.15	25.59	33	PASS
				RB1#74	21.83	25.03	33	PASS
				RB36#0	20.86	24.04	33	PASS
				RB36#18	21.03	24.23	33	PASS
				RB36#39	20.94	24.14	33	PASS
				RB75#0	20.86	24.06	33	PASS
			MCH	RB1#0	22.34	25.54	33	PASS
				RB1#38	22.41	25.82	33	PASS
				RB1#74	21.82	25.38	33	PASS
				RB36#0	21.15	24.61	33	PASS
				RB36#18	21.19	24.39	33	PASS
				RB36#39	21.03	24.59	33	PASS
				RB75#0	21.16	24.67	33	PASS
			HCH	RB1#0	21.76	24.96	33	PASS

				RB1#38	21.89	25.43	33	PASS
				RB1#74	21.24	24.44	33	PASS
				RB36#0	21.32	24.52	33	PASS
				RB36#18	21.38	24.58	33	PASS
				RB36#39	20.94	24.46	33	PASS
				RB75#0	21.15	24.39	33	PASS
		20	LCH	RB1#0	22.26	25.46	33	PASS
				RB1#50	22.56	25.76	33	PASS
				RB1#99	22.67	25.89	33	PASS
				RB50#0	21.11	24.31	33	PASS
				RB50#25	21.24	24.42	33	PASS
				RB50#50	21.29	24.49	33	PASS
				RB100#0	21.15	24.35	33	PASS
			MCH	RB1#0	22.83	26.03	33	PASS
				RB1#50	22.69	26.15	33	PASS
				RB1#99	22.39	25.96	33	PASS
				RB50#0	21.58	24.74	33	PASS
				RB50#25	21.49	24.69	33	PASS
				RB50#50	21.36	24.56	33	PASS
				RB100#0	21.46	24.73	33	PASS
			HCH	RB1#0	22.41	25.61	33	PASS
				RB1#50	22.37	25.95	33	PASS
				RB1#99	21.85	25.02	33	PASS
				RB50#0	21.27	24.77	33	PASS
				RB50#25	21.26	24.46	33	PASS
				RB50#50	21	24.29	33	PASS
				RB100#0	21.06	24.28	33	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2: RBW > emission bandwidth, VBW > 3 x RBW.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
GSM1900	GSM/TM1	LCH	0.14	13	PASS
		MCH	0.14	13	PASS
		HCH	0.15	13	PASS
	GSM/TM2	LCH	2.98	13	PASS
		MCH	3.01	13	PASS
		HCH	2.97	13	PASS
Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1900	UMTS/TM1	LCH	3.07	13	PASS
		MCH	3.06	13	PASS
		HCH	2.95	13	PASS
WCDMA1700	UMTS/TM1	LCH	2.84	13	PASS
		MCH	3.01	13	PASS
		HCH	2.87	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND2	LTE/TM1	5	LCH	RB1#0	4.55	13	PASS
				RB1#13	4.84	13	PASS
				RB1#24	4.88	13	PASS
				RB12#0	6.01	13	PASS
				RB12#6	5.8	13	PASS
				RB12#13	5.98	13	PASS
				RB25#0	5.88	13	PASS
			MCH	RB1#0	4.28	13	PASS
				RB1#13	4.37	13	PASS
				RB1#24	4.59	13	PASS
				RB12#0	5.49	13	PASS
				RB12#6	5.37	13	PASS
				RB12#13	5.73	13	PASS
				RB25#0	5.88	13	PASS
			HCH	RB1#0	4.42	13	PASS
				RB1#13	4.5	13	PASS
				RB1#24	3.95	13	PASS
				RB12#0	5.6	13	PASS
				RB12#6	5.32	13	PASS
				RB12#13	5.32	13	PASS
				RB25#0	5.74	13	PASS
		10	LCH	RB1#0	4.48	13	PASS
				RB1#25	4.74	13	PASS
				RB1#49	4.73	13	PASS
				RB25#0	6.2	13	PASS
				RB25#13	5.95	13	PASS
				RB25#25	6.33	13	PASS
				RB50#0	6.17	13	PASS
			MCH	RB1#0	4.06	13	PASS
				RB1#25	4.24	13	PASS
				RB1#49	4.55	13	PASS
				RB25#0	5.67	13	PASS
				RB25#13	5.6	13	PASS
				RB25#25	6.01	13	PASS
				RB50#0	6.12	13	PASS
			HCH	RB1#0	4.11	13	PASS
				RB1#25	4.41	13	PASS
				RB1#49	4.11	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.61	13	PASS
				RB25#13	5.57	13	PASS
				RB25#25	5.83	13	PASS
				RB50#0	5.82	13	PASS
		15	LCH	RB1#0	4.62	13	PASS
				RB1#38	4.62	13	PASS
				RB1#74	4.69	13	PASS
				RB36#0	6.34	13	PASS
				RB36#18	6.25	13	PASS
				RB36#39	6.35	13	PASS
				RB75#0	6.54	13	PASS
			MCH	RB1#0	4.32	13	PASS
				RB1#38	4.52	13	PASS
				RB1#74	4.73	13	PASS
				RB36#0	5.8	13	PASS
				RB36#18	5.81	13	PASS
				RB36#39	6.34	13	PASS
				RB75#0	6.27	13	PASS
			HCH	RB1#0	4.53	13	PASS
				RB1#38	4.38	13	PASS
				RB1#74	4.42	13	PASS
				RB36#0	5.31	13	PASS
				RB36#18	5.25	13	PASS
				RB36#39	5.82	13	PASS
				RB75#0	6.1	13	PASS
		20	LCH	RB1#0	4.92	13	PASS
				RB1#50	4.93	13	PASS
				RB1#99	4.44	13	PASS
				RB50#0	6.28	13	PASS
				RB50#25	6.22	13	PASS
				RB50#50	6.22	13	PASS
				RB100#0	6.68	13	PASS
			MCH	RB1#0	4.39	13	PASS
				RB1#50	4.61	13	PASS
				RB1#99	4.76	13	PASS
				RB50#0	5.81	13	PASS
				RB50#25	6	13	PASS
				RB50#50	6.3	13	PASS
				RB100#0	6.39	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2		HCH	RB1#0	5.26	13	PASS
				RB1#50	4.43	13	PASS
				RB1#99	4.42	13	PASS
				RB50#0	6.05	13	PASS
				RB50#25	5.69	13	PASS
				RB50#50	5.93	13	PASS
				RB100#0	6.11	13	PASS
		5	LCH	RB1#0	5.41	13	PASS
				RB1#13	5.73	13	PASS
				RB1#24	5.68	13	PASS
				RB12#0	6.67	13	PASS
				RB12#6	6.64	13	PASS
				RB12#13	6.71	13	PASS
				RB25#0	7.2	13	PASS
			MCH	RB1#0	5.33	13	PASS
				RB1#13	5.54	13	PASS
				RB1#24	5.81	13	PASS
				RB12#0	6.34	13	PASS
				RB12#6	6.28	13	PASS
				RB12#13	6.53	13	PASS
				RB25#0	6.69	13	PASS
			HCH	RB1#0	5.18	13	PASS
				RB1#13	5.22	13	PASS
				RB1#24	4.36	13	PASS
				RB12#0	6.49	13	PASS
				RB12#6	6.22	13	PASS
				RB12#13	6.27	13	PASS
				RB25#0	6.61	13	PASS
		10	LCH	RB1#0	5.33	13	PASS
				RB1#25	5.4	13	PASS
				RB1#49	5.37	13	PASS
				RB25#0	7.27	13	PASS
				RB25#13	7.02	13	PASS
				RB25#25	7.25	13	PASS
				RB50#0	7.13	13	PASS
			MCH	RB1#0	4.7	13	PASS
				RB1#25	5.09	13	PASS
				RB1#49	5.46	13	PASS
				RB25#0	6.68	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	6.65	13	PASS
				RB25#25	7.07	13	PASS
				RB50#0	6.84	13	PASS
			HCH	RB1#0	4.79	13	PASS
				RB1#25	5.2	13	PASS
				RB1#49	4.84	13	PASS
				RB25#0	6.57	13	PASS
				RB25#13	6.49	13	PASS
				RB25#25	6.76	13	PASS
				RB50#0	6.86	13	PASS
		15	LCH	RB1#0	5.65	13	PASS
				RB1#38	5.45	13	PASS
				RB1#74	5.18	13	PASS
				RB36#0	7.15	13	PASS
				RB36#18	6.97	13	PASS
				RB36#39	7.04	13	PASS
				RB75#0	7.32	13	PASS
			MCH	RB1#0	5	13	PASS
				RB1#38	5.31	13	PASS
				RB1#74	5.59	13	PASS
				RB36#0	6.74	13	PASS
				RB36#18	6.81	13	PASS
				RB36#39	7.17	13	PASS
				RB75#0	7.27	13	PASS
			HCH	RB1#0	5.2	13	PASS
				RB1#38	4.99	13	PASS
				RB1#74	4.88	13	PASS
				RB36#0	6.25	13	PASS
				RB36#18	6.22	13	PASS
				RB36#39	6.65	13	PASS
				RB75#0	6.96	13	PASS
		20	LCH	RB1#0	5.68	13	PASS
				RB1#50	5.54	13	PASS
				RB1#99	4.79	13	PASS
				RB50#0	7.21	13	PASS
				RB50#25	7.06	13	PASS
				RB50#50	6.98	13	PASS
				RB100#0	7.48	13	PASS
			MCH	RB1#0	5.06	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	5.34	13	PASS
				RB1#99	5.54	13	PASS
				RB50#0	6.79	13	PASS
				RB50#25	7.09	13	PASS
				RB50#50	7.31	13	PASS
				RB100#0	7.33	13	PASS
			HCH	RB1#0	5.5	13	PASS
				RB1#50	4.74	13	PASS
				RB1#99	4.63	13	PASS
				RB50#0	6.77	13	PASS
				RB50#25	6.63	13	PASS
				RB50#50	6.79	13	PASS
				RB100#0	7	13	PASS
BAND4	LTE/TM1	5	LCH	RB1#0	4.52	13	PASS
				RB1#13	4.52	13	PASS
				RB1#24	4.48	13	PASS
				RB12#0	5.72	13	PASS
				RB12#6	5.54	13	PASS
				RB12#13	5.77	13	PASS
				RB25#0	5.81	13	PASS
			MCH	RB1#0	4.35	13	PASS
				RB1#13	4.24	13	PASS
				RB1#24	4.31	13	PASS
				RB12#0	5.6	13	PASS
				RB12#6	5.42	13	PASS
				RB12#13	5.7	13	PASS
				RB25#0	6.11	13	PASS
			HCH	RB1#0	4.34	13	PASS
				RB1#13	4.53	13	PASS
				RB1#24	4.06	13	PASS
				RB12#0	5.32	13	PASS
				RB12#6	5.25	13	PASS
				RB12#13	5.41	13	PASS
				RB25#0	5.57	13	PASS
		10	LCH	RB1#0	4.47	13	PASS
				RB1#25	4.38	13	PASS
				RB1#49	4.71	13	PASS
				RB25#0	5.9	13	PASS
				RB25#13	5.63	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.07	13	PASS
				RB50#0	6.12	13	PASS
			MCH	RB1#0	4.39	13	PASS
				RB1#25	4.24	13	PASS
				RB1#49	4.31	13	PASS
				RB25#0	5.98	13	PASS
				RB25#13	5.61	13	PASS
				RB25#25	5.79	13	PASS
				RB50#0	6.14	13	PASS
			HCH	RB1#0	4	13	PASS
				RB1#25	4.12	13	PASS
				RB1#49	3.93	13	PASS
				RB25#0	5.54	13	PASS
				RB25#13	5.26	13	PASS
				RB25#25	5.73	13	PASS
				RB50#0	5.77	13	PASS
		15	LCH	RB1#0	4.6	13	PASS
				RB1#38	4.69	13	PASS
				RB1#74	4.54	13	PASS
				RB36#0	5.96	13	PASS
				RB36#18	5.98	13	PASS
				RB36#39	6.11	13	PASS
				RB75#0	6.23	13	PASS
			MCH	RB1#0	4.45	13	PASS
				RB1#38	4.26	13	PASS
				RB1#74	4.21	13	PASS
				RB36#0	5.95	13	PASS
				RB36#18	5.67	13	PASS
				RB36#39	5.78	13	PASS
				RB75#0	6.13	13	PASS
			HCH	RB1#0	4.34	13	PASS
				RB1#38	4.27	13	PASS
				RB1#74	4.28	13	PASS
				RB36#0	5.38	13	PASS
				RB36#18	5.09	13	PASS
				RB36#39	5.51	13	PASS
				RB75#0	5.86	13	PASS
		20	LCH	RB1#0	4.47	13	PASS
				RB1#50	4.6	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.42	13	PASS
				RB50#0	5.9	13	PASS
				RB50#25	5.91	13	PASS
				RB50#50	6.01	13	PASS
				RB100#0	6.2	13	PASS
			MCH	RB1#0	4.61	13	PASS
				RB1#50	4.52	13	PASS
				RB1#99	4.13	13	PASS
				RB50#0	5.88	13	PASS
				RB50#25	5.68	13	PASS
				RB50#50	5.71	13	PASS
				RB100#0	6.25	13	PASS
			HCH	RB1#0	4.36	13	PASS
				RB1#50	4.31	13	PASS
				RB1#99	4.86	13	PASS
				RB50#0	5.44	13	PASS
				RB50#25	5.1	13	PASS
				RB50#50	5.34	13	PASS
				RB100#0	5.73	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.3	13	PASS
				RB1#13	5.38	13	PASS
				RB1#24	5.32	13	PASS
				RB12#0	6.41	13	PASS
				RB12#6	6.24	13	PASS
				RB12#13	6.4	13	PASS
				RB25#0	7	13	PASS
			MCH	RB1#0	5.26	13	PASS
				RB1#13	5.1	13	PASS
				RB1#24	5.16	13	PASS
				RB12#0	6.26	13	PASS
				RB12#6	6.09	13	PASS
				RB12#13	6.23	13	PASS
				RB25#0	6.59	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#13	4.92	13	PASS
				RB1#24	4.43	13	PASS
				RB12#0	6.17	13	PASS
				RB12#6	6.09	13	PASS
				RB12#13	6.22	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB25#0	6.44	13	PASS
				RB1#0	5.41	13	PASS
			LCH	RB1#25	5.27	13	PASS
				RB1#49	5.54	13	PASS
				RB25#0	6.8	13	PASS
				RB25#13	6.67	13	PASS
				RB25#25	6.73	13	PASS
				RB50#0	6.91	13	PASS
			MCH	RB1#0	5.12	13	PASS
				RB1#25	4.94	13	PASS
				RB1#49	4.91	13	PASS
				RB25#0	6.84	13	PASS
				RB25#13	6.46	13	PASS
				RB25#25	6.68	13	PASS
				RB50#0	6.85	13	PASS
			HCH	RB1#0	4.68	13	PASS
				RB1#25	4.88	13	PASS
				RB1#49	4.6	13	PASS
				RB25#0	6.25	13	PASS
				RB25#13	6.06	13	PASS
				RB25#25	6.51	13	PASS
				RB50#0	6.65	13	PASS
		15	LCH	RB1#0	5.32	13	PASS
				RB1#38	5.39	13	PASS
				RB1#74	5.39	13	PASS
				RB36#0	6.88	13	PASS
				RB36#18	6.81	13	PASS
				RB36#39	6.94	13	PASS
				RB75#0	7.17	13	PASS
			MCH	RB1#0	5.37	13	PASS
				RB1#38	5.12	13	PASS
				RB1#74	5.03	13	PASS
				RB36#0	6.84	13	PASS
				RB36#18	6.64	13	PASS
				RB36#39	6.44	13	PASS
				RB75#0	7.1	13	PASS
			HCH	RB1#0	4.87	13	PASS
				RB1#38	4.67	13	PASS
				RB1#74	4.78	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB36#0	6.23	13	PASS
				RB36#18	5.94	13	PASS
				RB36#39	6.39	13	PASS
				RB75#0	6.7	13	PASS
		20	LCH	RB1#0	5.18	13	PASS
				RB1#50	5.21	13	PASS
				RB1#99	4.97	13	PASS
				RB50#0	6.63	13	PASS
				RB50#25	6.68	13	PASS
				RB50#50	6.77	13	PASS
				RB100#0	7.23	13	PASS
			MCH	RB1#0	4.93	13	PASS
				RB1#50	4.85	13	PASS
				RB1#99	4.51	13	PASS
				RB50#0	6.71	13	PASS
				RB50#25	6.48	13	PASS
				RB50#50	6.24	13	PASS
				RB100#0	6.77	13	PASS
			HCH	RB1#0	4.65	13	PASS
				RB1#50	4.6	13	PASS
				RB1#99	5.06	13	PASS
				RB50#0	6.22	13	PASS
				RB50#25	6.03	13	PASS
				RB50#50	6.24	13	PASS
				RB100#0	6.59	13	PASS
BAND7	LTE/TM1	5	LCH	RB1#0	3.63	13	PASS
				RB1#13	3.46	13	PASS
				RB1#24	3.64	13	PASS
				RB12#0	4.9	13	PASS
				RB12#6	4.63	13	PASS
				RB12#13	4.95	13	PASS
				RB25#0	5.53	13	PASS
			MCH	RB1#0	3.56	13	PASS
				RB1#13	3.14	13	PASS
				RB1#24	3.4	13	PASS
				RB12#0	4.78	13	PASS
				RB12#6	4.43	13	PASS
				RB12#13	4.67	13	PASS
				RB25#0	5.28	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	3.57	13	PASS
				RB1#13	3.34	13	PASS
				RB1#24	3.26	13	PASS
				RB12#0	4.93	13	PASS
				RB12#6	4.4	13	PASS
				RB12#13	4.75	13	PASS
				RB25#0	5.06	13	PASS
		10	LCH	RB1#0	3.41	13	PASS
				RB1#25	3.41	13	PASS
				RB1#49	3.64	13	PASS
				RB25#0	5.24	13	PASS
				RB25#13	4.92	13	PASS
				RB25#25	5.37	13	PASS
				RB50#0	5.71	13	PASS
			MCH	RB1#0	3.42	13	PASS
				RB1#25	3.15	13	PASS
				RB1#49	3.45	13	PASS
				RB25#0	4.7	13	PASS
				RB25#13	4.12	13	PASS
				RB25#25	4.58	13	PASS
				RB50#0	5.18	13	PASS
			HCH	RB1#0	3.14	13	PASS
				RB1#25	3.01	13	PASS
				RB1#49	3.06	13	PASS
				RB25#0	4.81	13	PASS
				RB25#13	4.42	13	PASS
				RB25#25	4.71	13	PASS
				RB50#0	5.28	13	PASS
		15	LCH	RB1#0	3.53	13	PASS
				RB1#38	3.58	13	PASS
				RB1#74	3.47	13	PASS
				RB36#0	4.99	13	PASS
				RB36#18	4.79	13	PASS
				RB36#39	5.22	13	PASS
				RB75#0	5.77	13	PASS
			MCH	RB1#0	3.19	13	PASS
				RB1#38	2.9	13	PASS
				RB1#74	3.29	13	PASS
				RB36#0	4.77	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB36#18	4.36	13	PASS
				RB36#39	4.71	13	PASS
				RB75#0	5.34	13	PASS
			HCH	RB1#0	3.63	13	PASS
				RB1#38	3.19	13	PASS
				RB1#74	3.37	13	PASS
				RB36#0	4.95	13	PASS
				RB36#18	4.47	13	PASS
				RB36#39	4.88	13	PASS
				RB75#0	5.44	13	PASS
		20	LCH	RB1#0	3.49	13	PASS
				RB1#50	3.62	13	PASS
				RB1#99	3.58	13	PASS
				RB50#0	5.03	13	PASS
				RB50#25	4.94	13	PASS
				RB50#50	5.22	13	PASS
				RB100#0	5.68	13	PASS
			MCH	RB1#0	3.47	13	PASS
				RB1#50	3.19	13	PASS
				RB1#99	3.35	13	PASS
				RB50#0	4.73	13	PASS
				RB50#25	4.43	13	PASS
				RB50#50	4.72	13	PASS
				RB100#0	5.41	13	PASS
			HCH	RB1#0	3.7	13	PASS
				RB1#50	3.41	13	PASS
				RB1#99	3.26	13	PASS
				RB50#0	5.05	13	PASS
				RB50#25	4.62	13	PASS
				RB50#50	4.77	13	PASS
				RB100#0	5.45	13	PASS
	LTE/TM2	5	LCH	RB1#0	3.89	13	PASS
				RB1#13	3.73	13	PASS
				RB1#24	3.88	13	PASS
				RB12#0	5.01	13	PASS
				RB12#6	4.8	13	PASS
				RB12#13	5.11	13	PASS
				RB25#0	5.64	13	PASS
			MCH	RB1#0	3.75	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#13	3.5	13	PASS
				RB1#24	3.55	13	PASS
				RB12#0	4.76	13	PASS
				RB12#6	4.46	13	PASS
				RB12#13	4.67	13	PASS
				RB25#0	5.36	13	PASS
			HCH	RB1#0	3.6	13	PASS
				RB1#13	3.28	13	PASS
				RB1#24	3.5	13	PASS
				RB12#0	5.05	13	PASS
				RB12#6	4.48	13	PASS
				RB12#13	4.67	13	PASS
				RB25#0	5.56	13	PASS
		10	LCH	RB1#0	3.49	13	PASS
				RB1#25	3.43	13	PASS
				RB1#49	3.75	13	PASS
				RB25#0	5.32	13	PASS
				RB25#13	4.95	13	PASS
				RB25#25	5.43	13	PASS
			MCH	RB50#0	5.85	13	PASS
				RB1#0	3.46	13	PASS
				RB1#25	3.2	13	PASS
				RB1#49	3.73	13	PASS
				RB25#0	5.03	13	PASS
				RB25#13	4.46	13	PASS
				RB25#25	4.91	13	PASS
				RB50#0	5.61	13	PASS
		15	HCH	RB1#0	3.66	13	PASS
				RB1#25	3.55	13	PASS
				RB1#49	3.51	13	PASS
				RB25#0	5.16	13	PASS
				RB25#13	4.73	13	PASS
				RB25#25	5.01	13	PASS
			LCH	RB50#0	5.62	13	PASS
				RB1#0	4.16	13	PASS
				RB1#38	3.89	13	PASS
				RB1#74	4.04	13	PASS
				RB36#0	5.52	13	PASS
				RB36#18	5.23	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB36#39	5.62	13	PASS
				RB75#0	6.29	13	PASS
			MCH	RB1#0	3.9	13	PASS
				RB1#38	3.4	13	PASS
				RB1#74	3.72	13	PASS
				RB36#0	5.16	13	PASS
				RB36#18	4.68	13	PASS
				RB36#39	5.02	13	PASS
				RB75#0	5.81	13	PASS
			HCH	RB1#0	4.06	13	PASS
				RB1#38	3.53	13	PASS
				RB1#74	3.67	13	PASS
				RB36#0	5.25	13	PASS
				RB36#18	4.77	13	PASS
				RB36#39	5.17	13	PASS
				RB75#0	5.82	13	PASS
		20	LCH	RB1#0	3.91	13	PASS
				RB1#50	3.95	13	PASS
				RB1#99	4	13	PASS
				RB50#0	5.51	13	PASS
				RB50#25	5.42	13	PASS
				RB50#50	5.63	13	PASS
				RB100#0	6.17	13	PASS
			MCH	RB1#0	3.87	13	PASS
				RB1#50	3.48	13	PASS
				RB1#99	3.87	13	PASS
				RB50#0	5.15	13	PASS
				RB50#25	4.83	13	PASS
				RB50#50	5.1	13	PASS
				RB100#0	5.79	13	PASS
			HCH	RB1#0	3.83	13	PASS
				RB1#50	3.59	13	PASS
				RB1#99	3.67	13	PASS
				RB50#0	5.35	13	PASS
				RB50#25	4.91	13	PASS
				RB50#50	5.09	13	PASS
				RB100#0	5.92	13	PASS

3Appendix_C: Modulation Characteristics

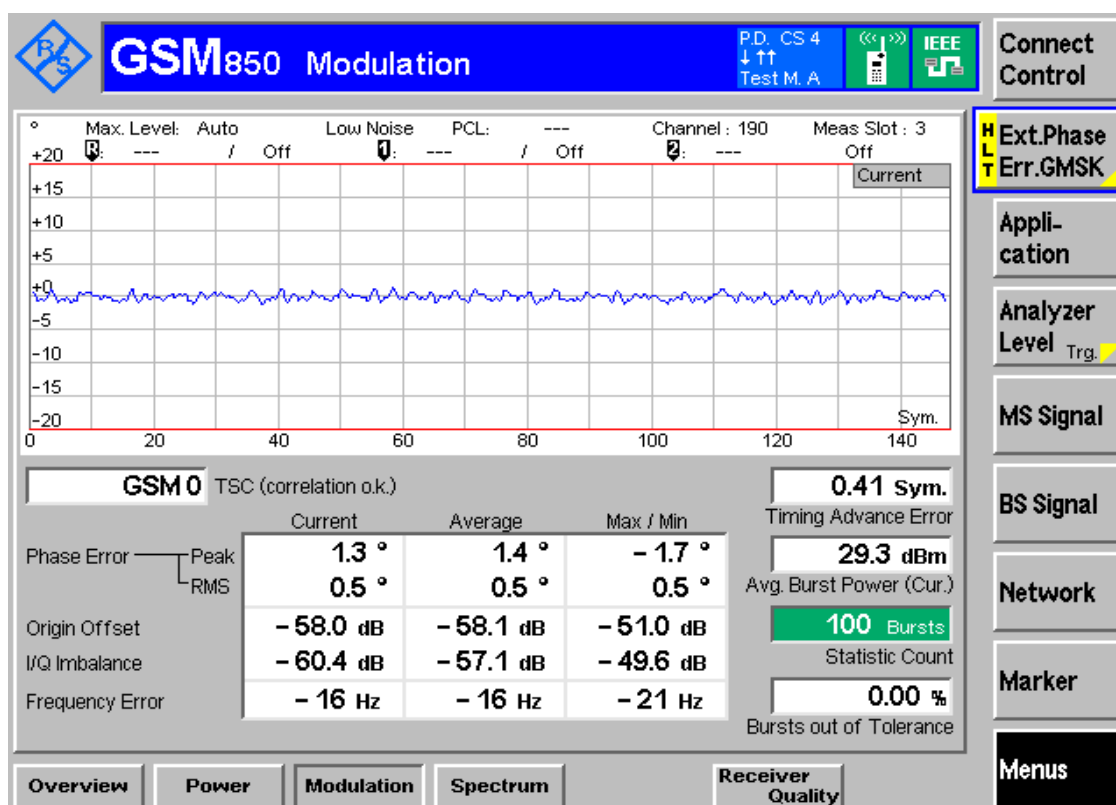
Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

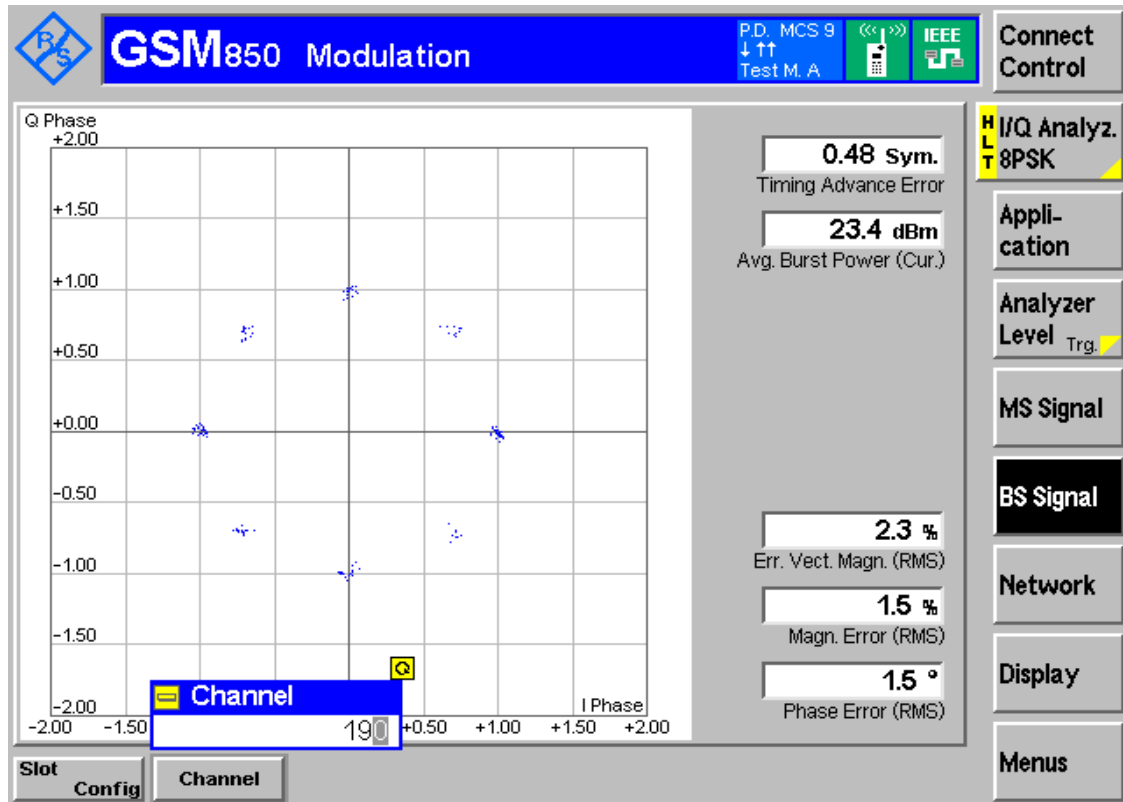
3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = GSM/TM2

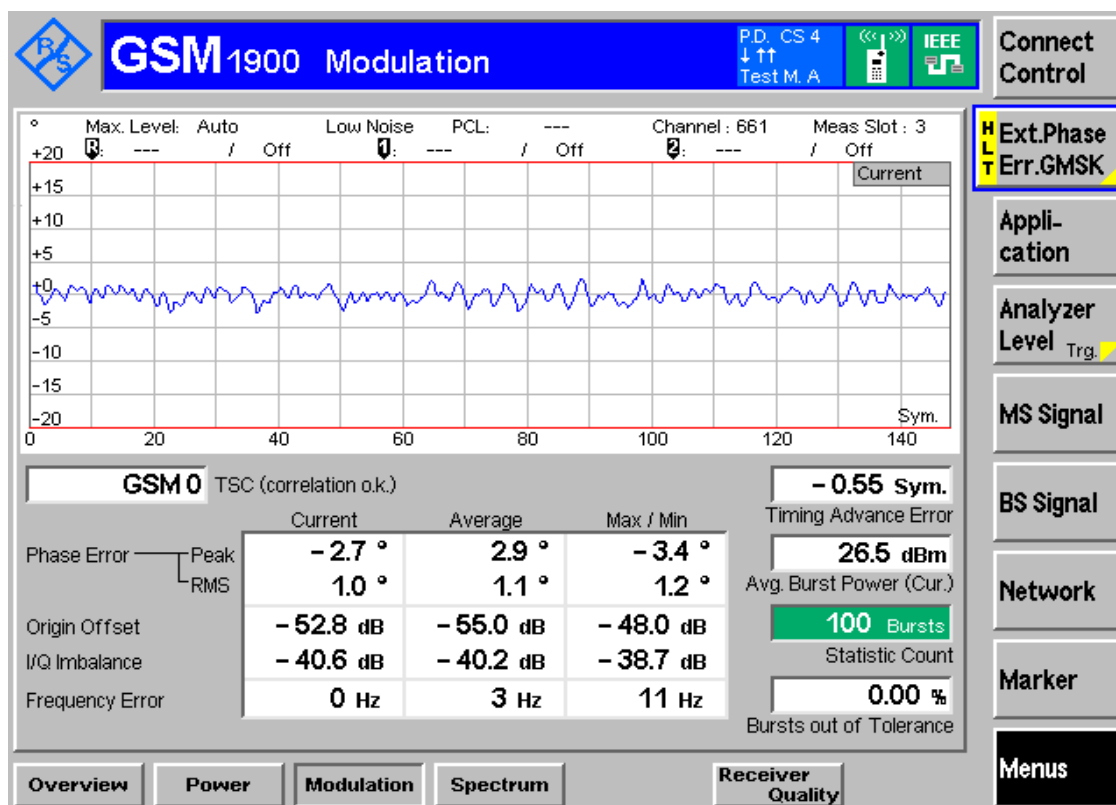
3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = GSM1900

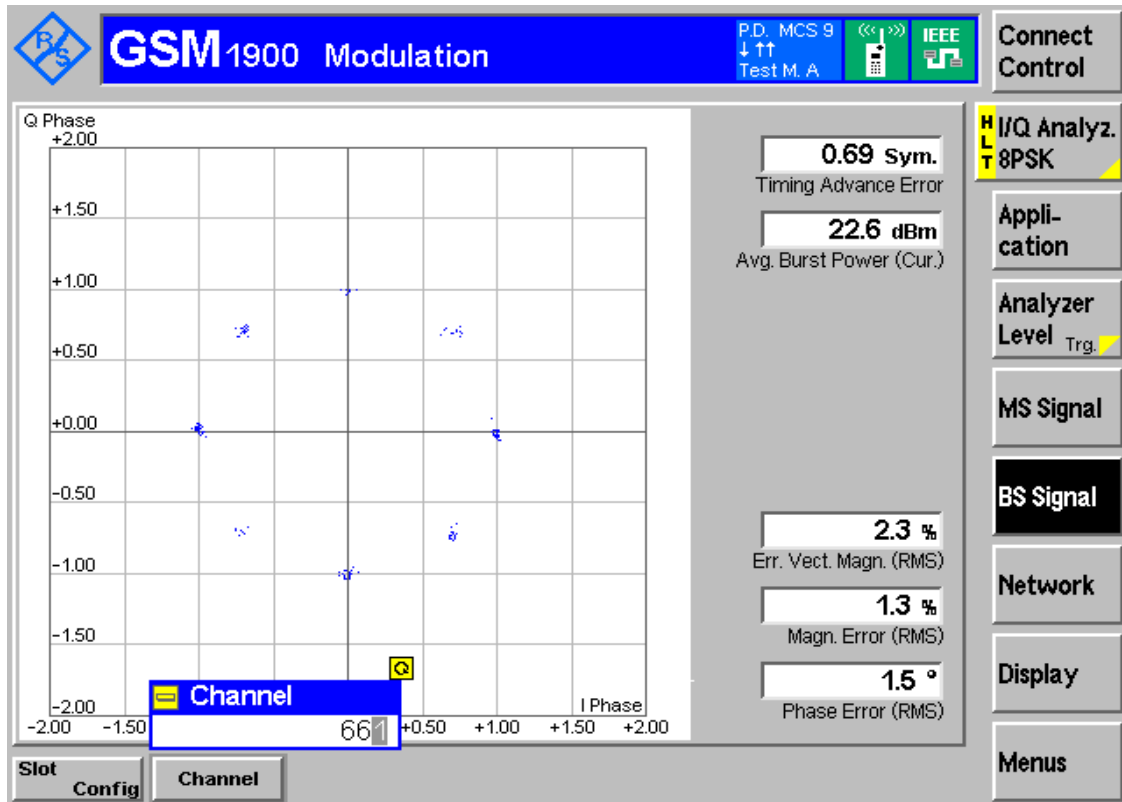
3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH



3.1.2.2 Test Mode = GSM/TM2

3.1.2.2.1 Test Channel = MCH

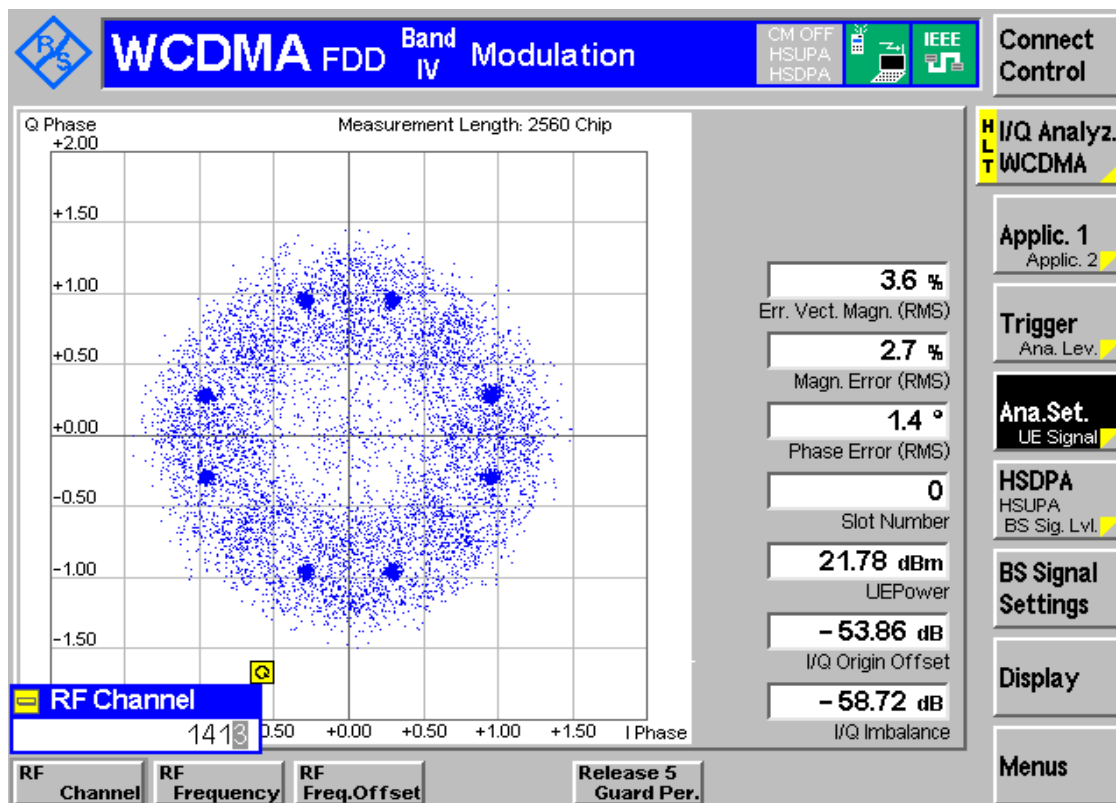


3.2 For UMTS

3.2.1 Test Band = WCDMA850

3.2.1.1 Test Mode = UMTS/TM1

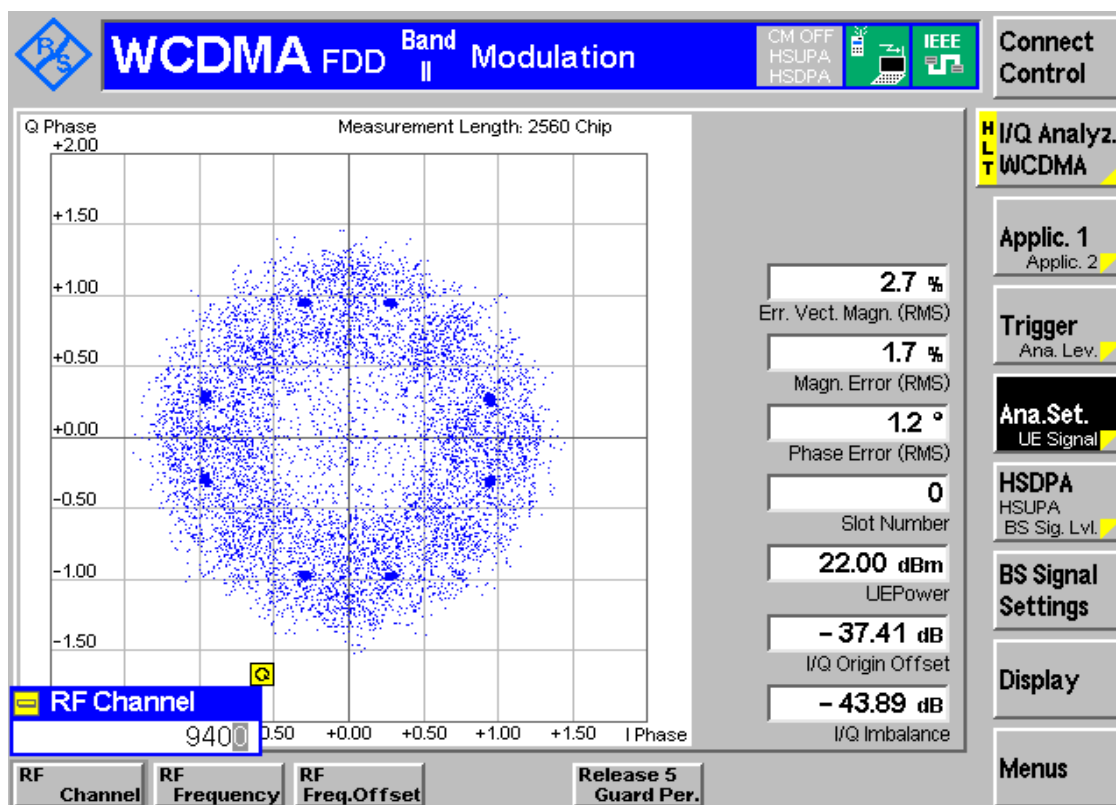
3.2.1.1.1 Test Channel = MCH



3.2.2 Test Band = WCDMA1900

3.2.2.1 Test Mode = UMTS/TM1

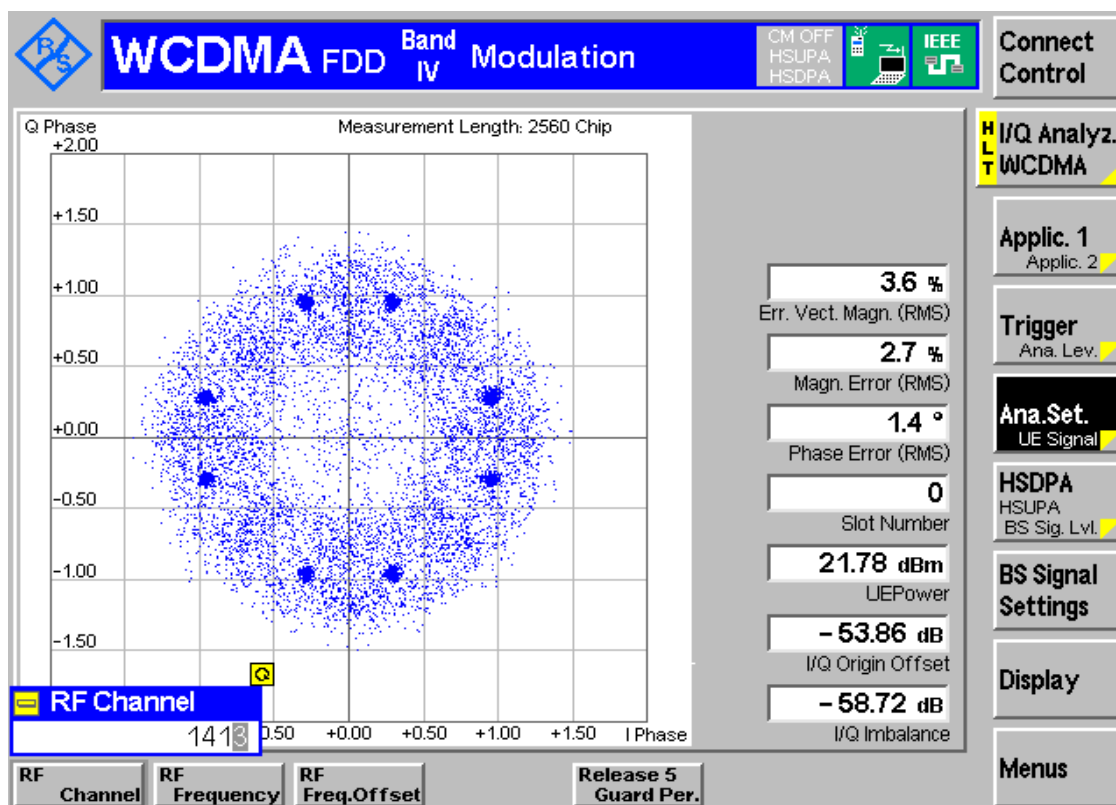
3.2.2.1.1 Test Channel = MCH



3.2.3 Test Band = WCDMA1700

3.2.3.1 Test Mode = UMTS/TM1

3.2.3.1.1 Test Channel = MCH



3.3 For LTE

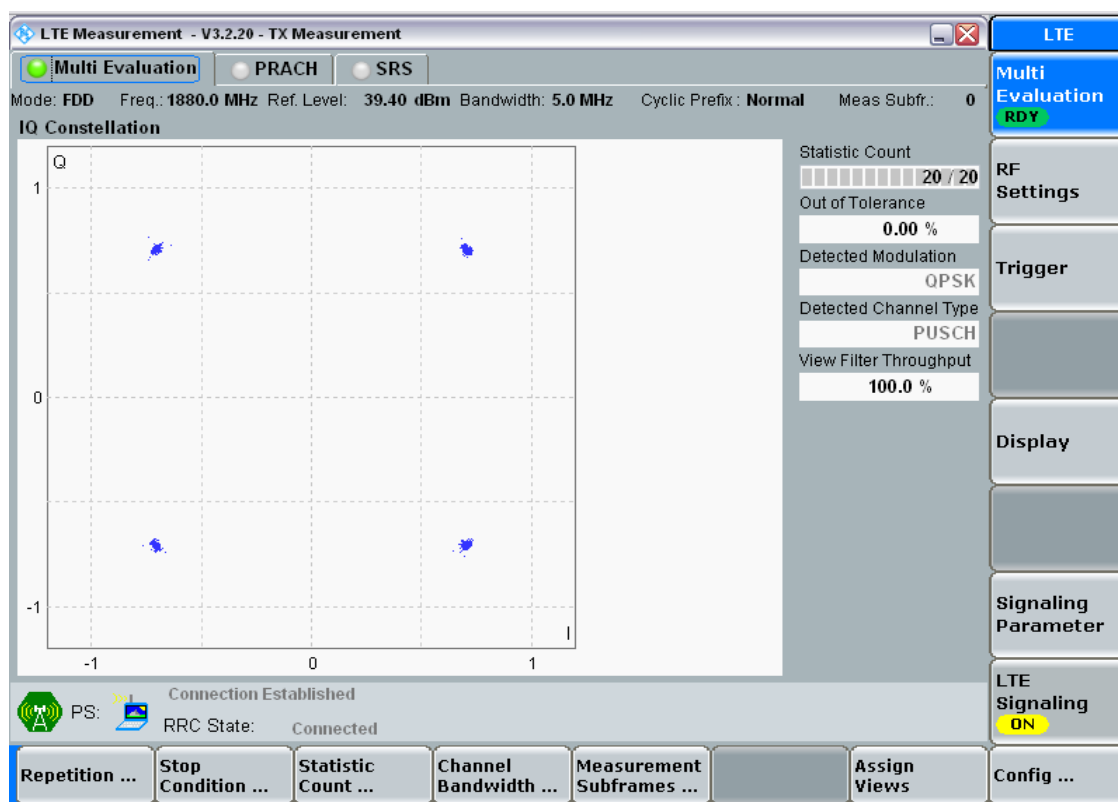
3.3.1 Test Band = BAND2

3.3.1.1 Test Mode = LTE/TM1

3.3.1.1.1 Test Bandwidth = 5

3.3.1.1.1.1 Test Channel = MCH

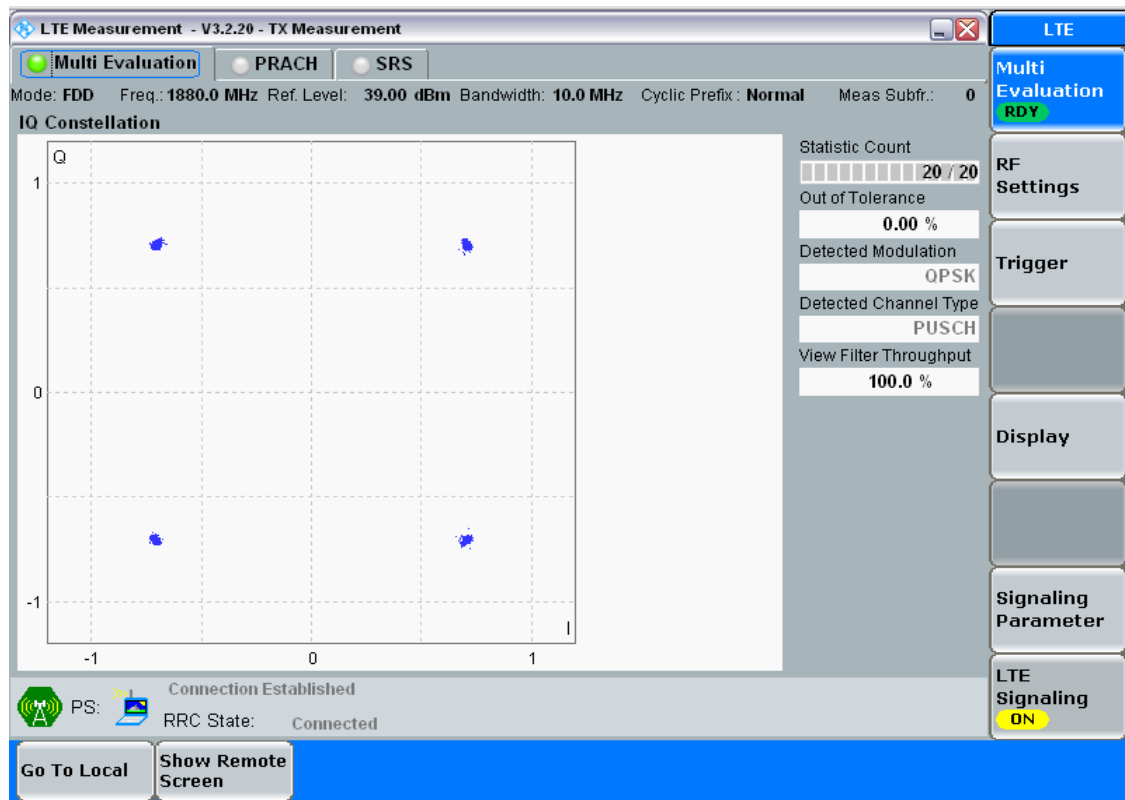
3.3.1.1.1.1.1 Test RB = RB25#0



3.3.1.1.2 Test Bandwidth = 10

3.3.1.1.2.1 Test Channel = MCH

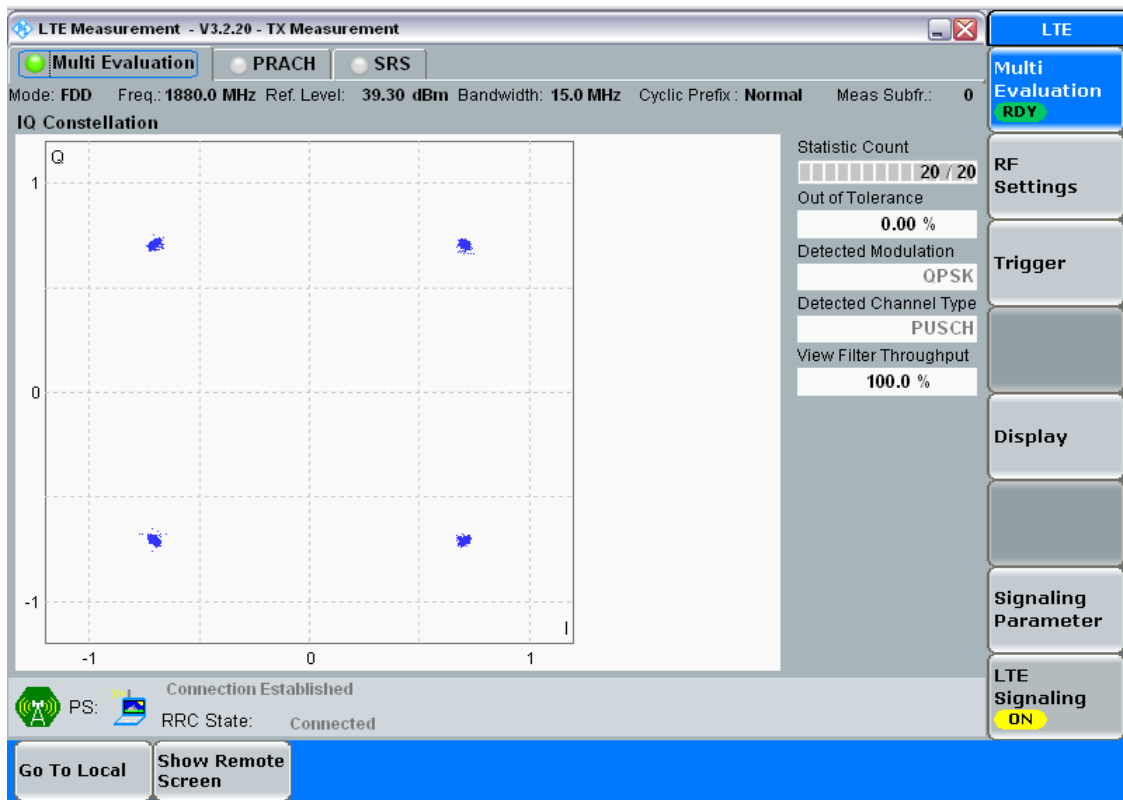
3.3.1.1.2.1.1 Test RB = RB50#0



3.3.1.1.3 Test Bandwidth = 15

3.3.1.1.3.1 Test Channel = MCH

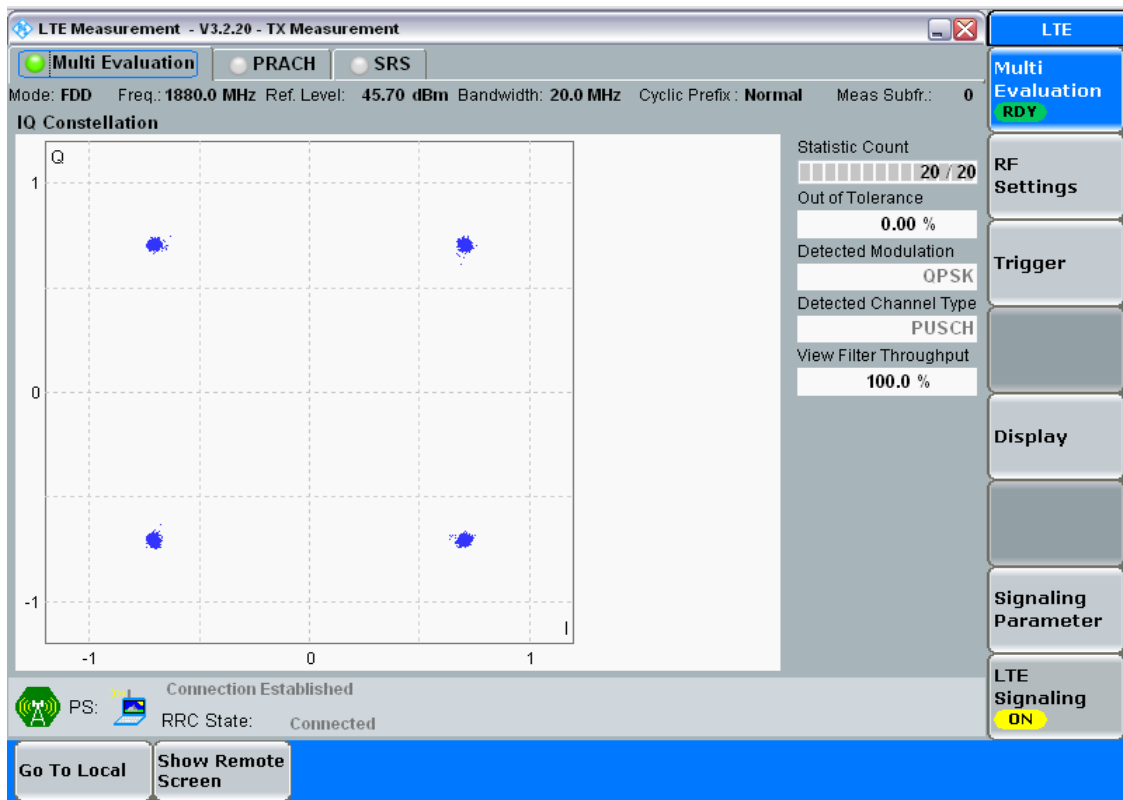
3.3.1.1.3.1.1 Test RB = RB75#0



3.3.1.1.4 Test Bandwidth = 20

3.3.1.1.4.1 Test Channel = MCH

3.3.1.1.4.1.1 Test RB = RB100#0

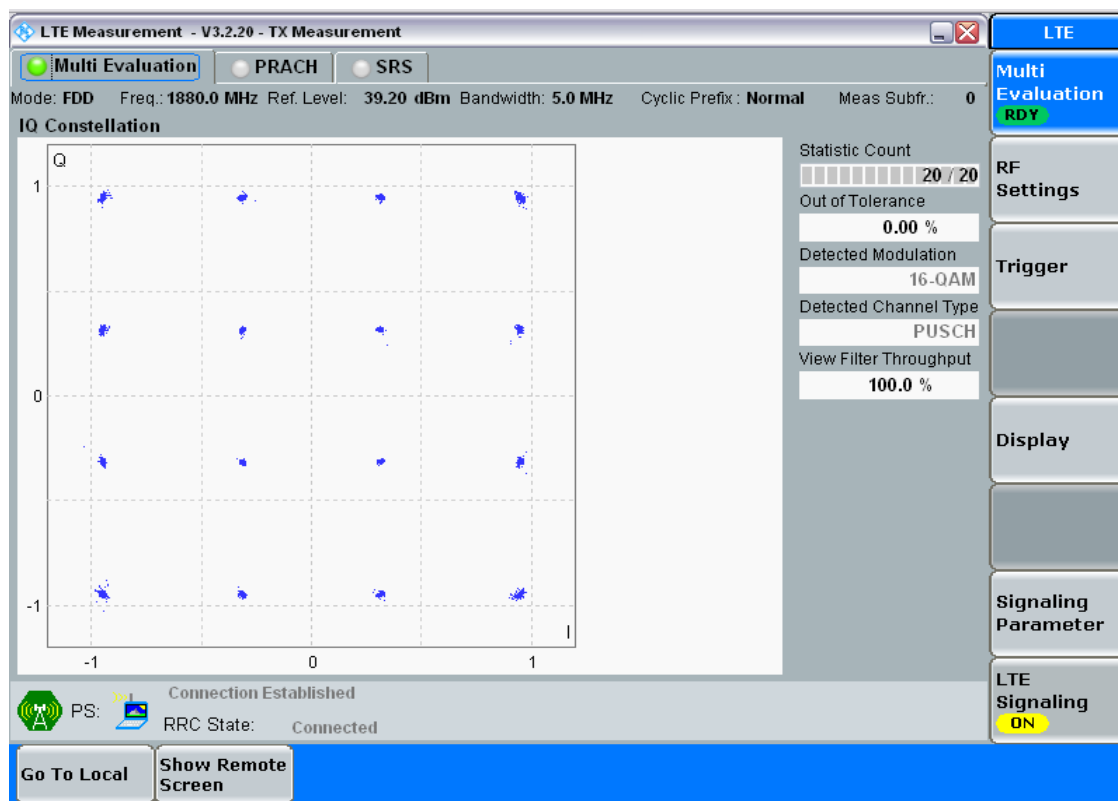


3.3.1.2 Test Mode = LTE/TM2

3.3.1.2.1 Test Bandwidth = 5

3.3.1.2.1.1 Test Channel = MCH

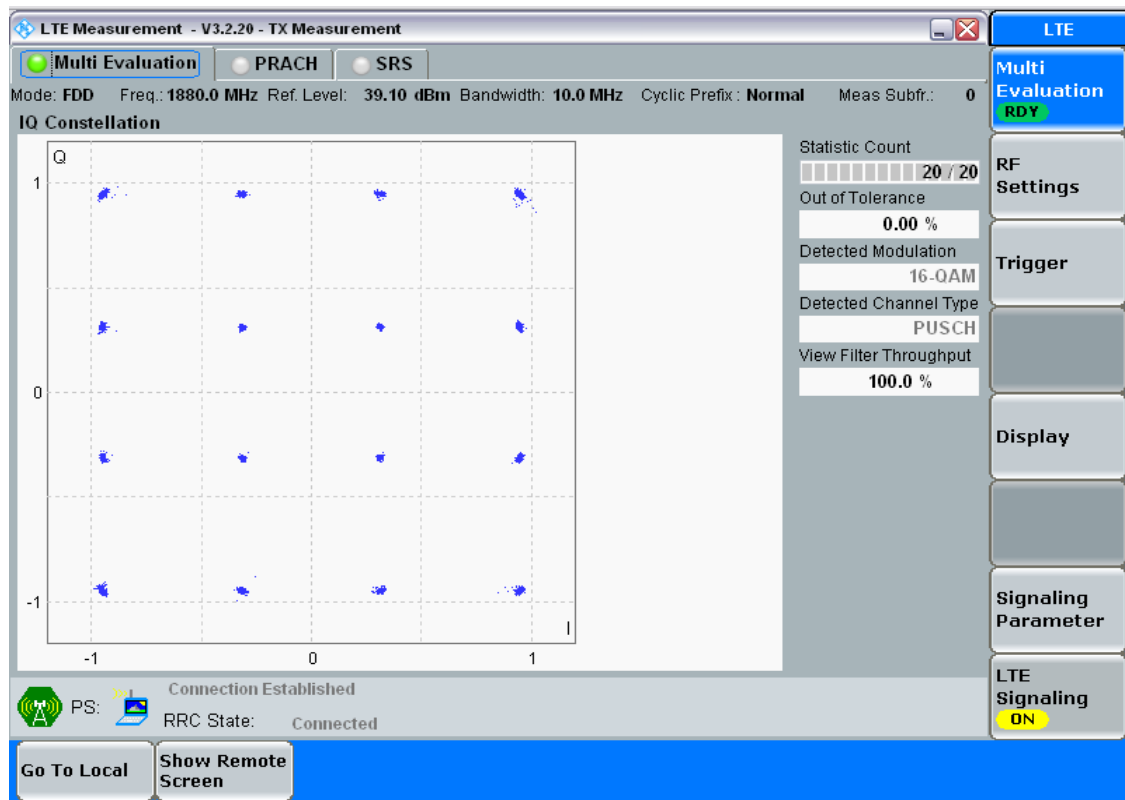
3.3.1.2.1.1.1 Test RB = RB25#0



3.3.1.2.2 Test Bandwidth = 10

3.3.1.2.2.1 Test Channel = MCH

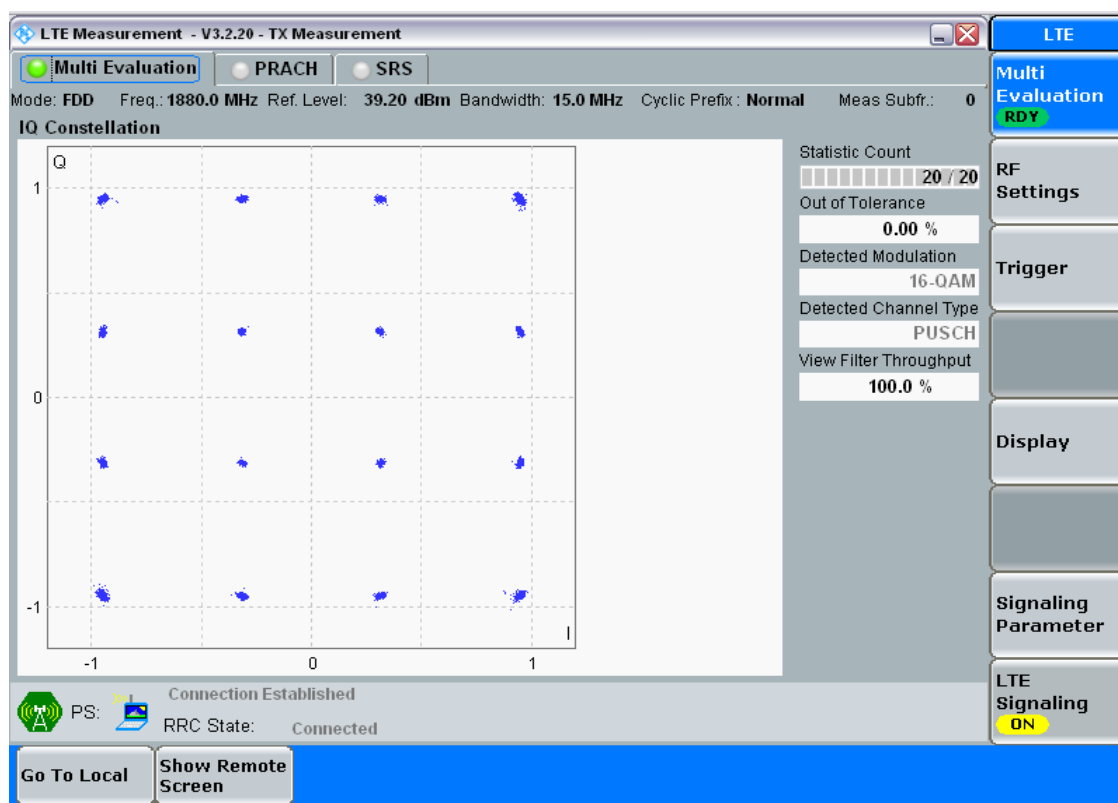
3.3.1.2.2.1.1 Test RB = RB50#0



3.3.1.2.3 Test Bandwidth = 15

3.3.1.2.3.1 Test Channel = MCH

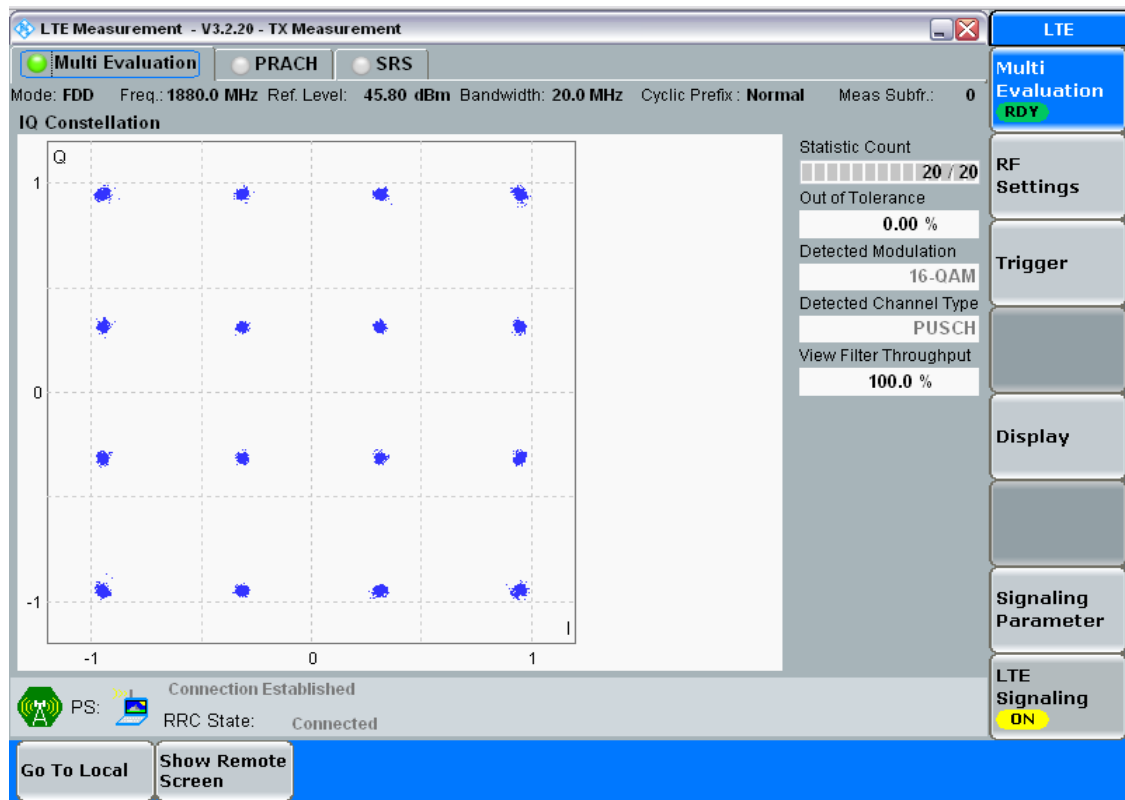
3.3.1.2.3.1.1 Test RB = RB75#0



3.3.1.2.4 Test Bandwidth = 20

3.3.1.2.4.1 Test Channel = MCH

3.3.1.2.4.1.1 Test RB = RB100#0



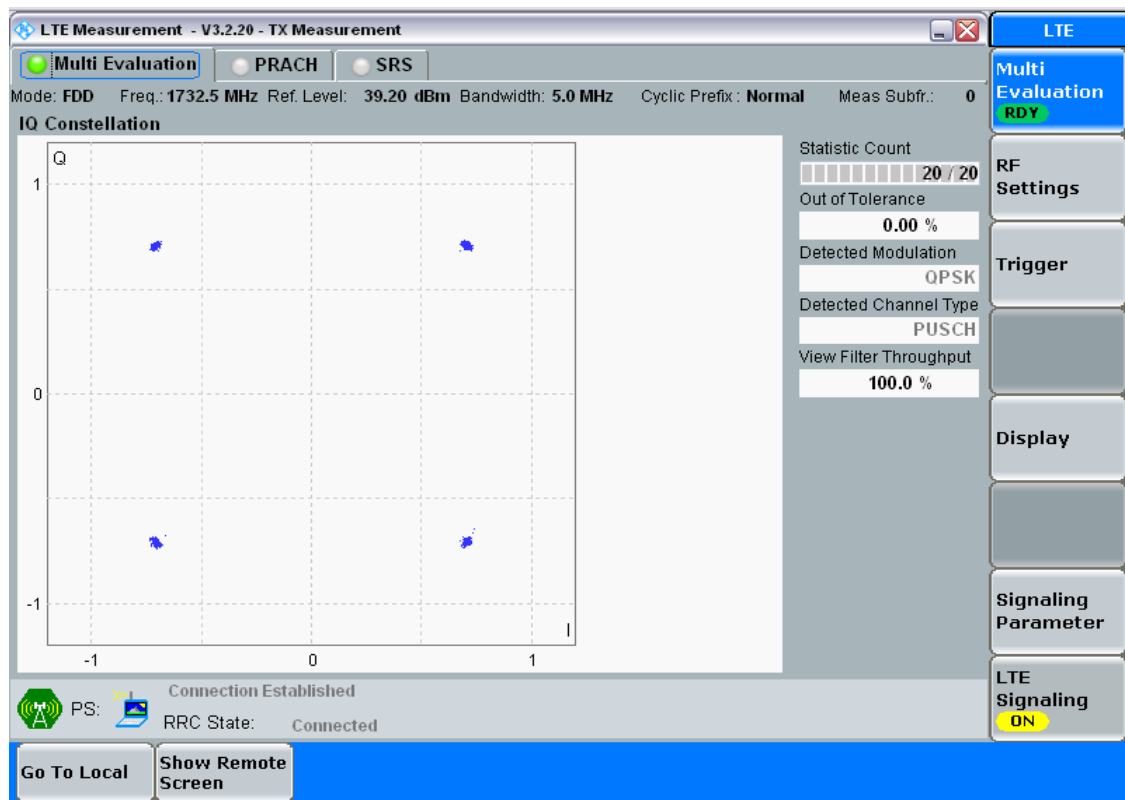
3.3.2 Test Band = BAND4

3.3.2.1 Test Mode = LTE/TM1

3.3.2.1.1 Test Bandwidth = 5

3.3.2.1.1.1 Test Channel = MCH

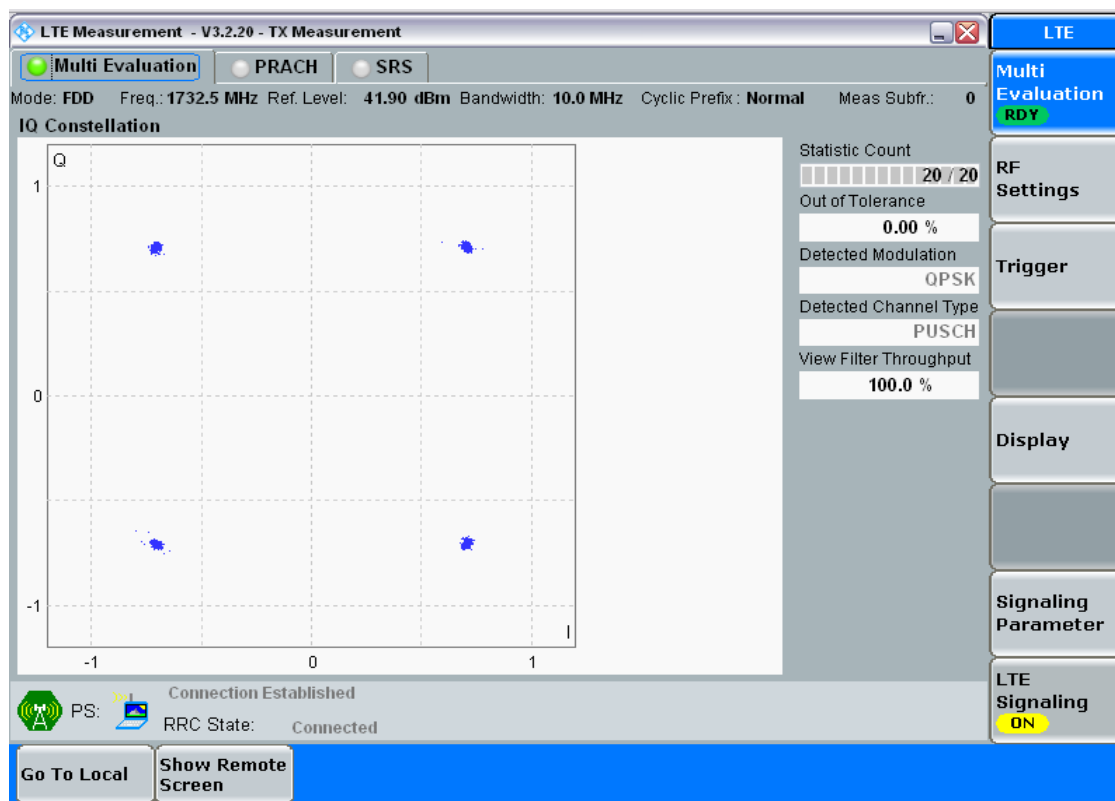
3.3.2.1.1.1.1 Test RB = RB25#0



3.3.2.1.2 Test Bandwidth = 10

3.3.2.1.2.1 Test Channel = MCH

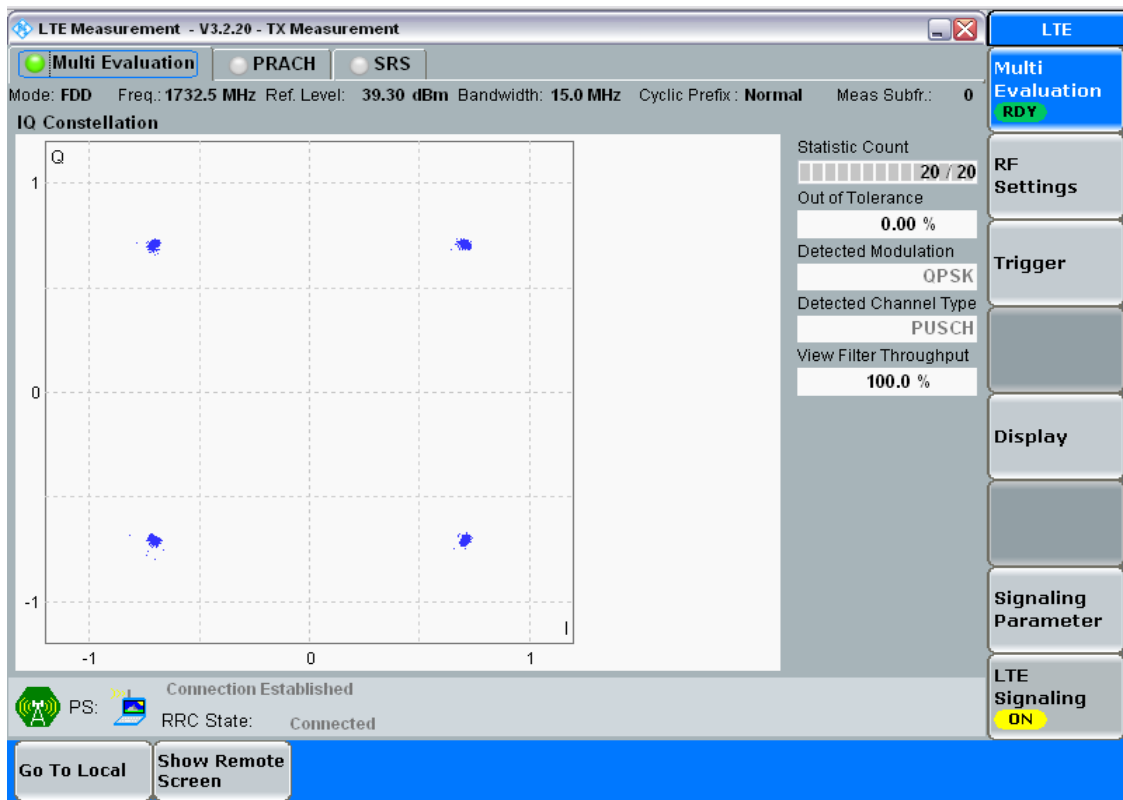
3.3.2.1.2.1.1 Test RB = RB50#0



3.3.2.1.3 Test Bandwidth = 15

3.3.2.1.3.1 Test Channel = MCH

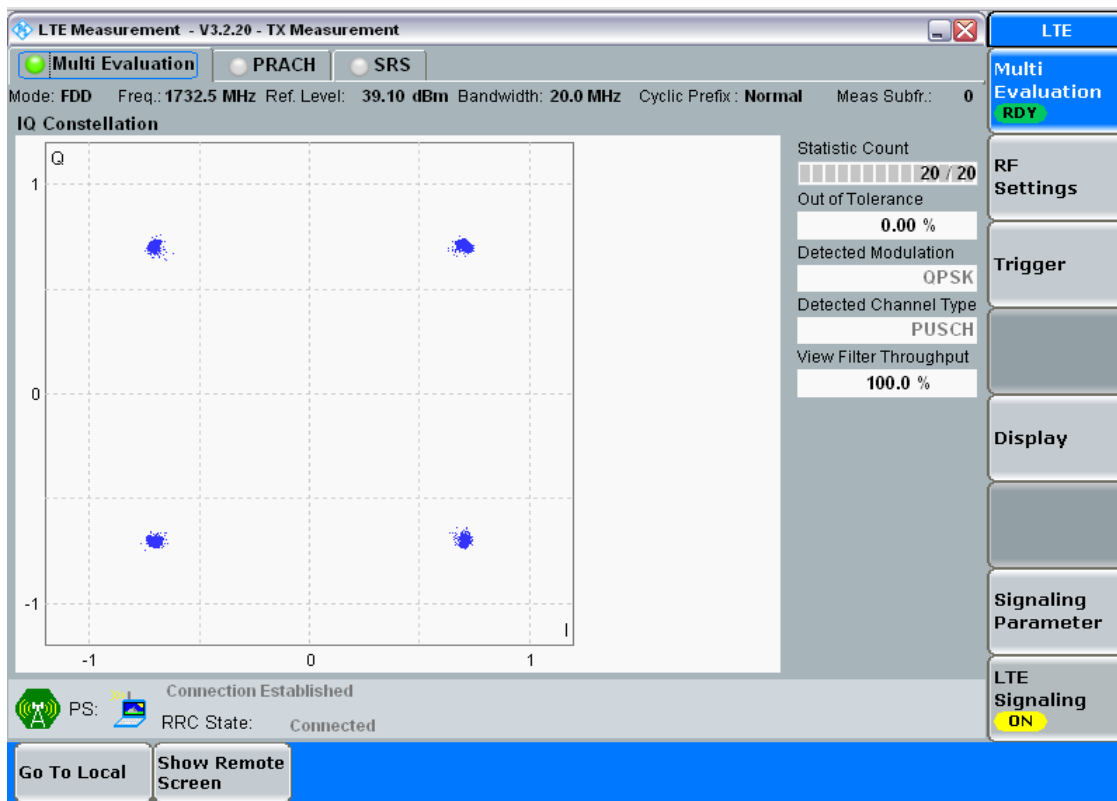
3.3.2.1.3.1.1 Test RB = RB75#0



3.3.2.1.4 Test Bandwidth = 20

3.3.2.1.4.1 Test Channel = MCH

3.3.2.1.4.1.1 Test RB = RB100#0

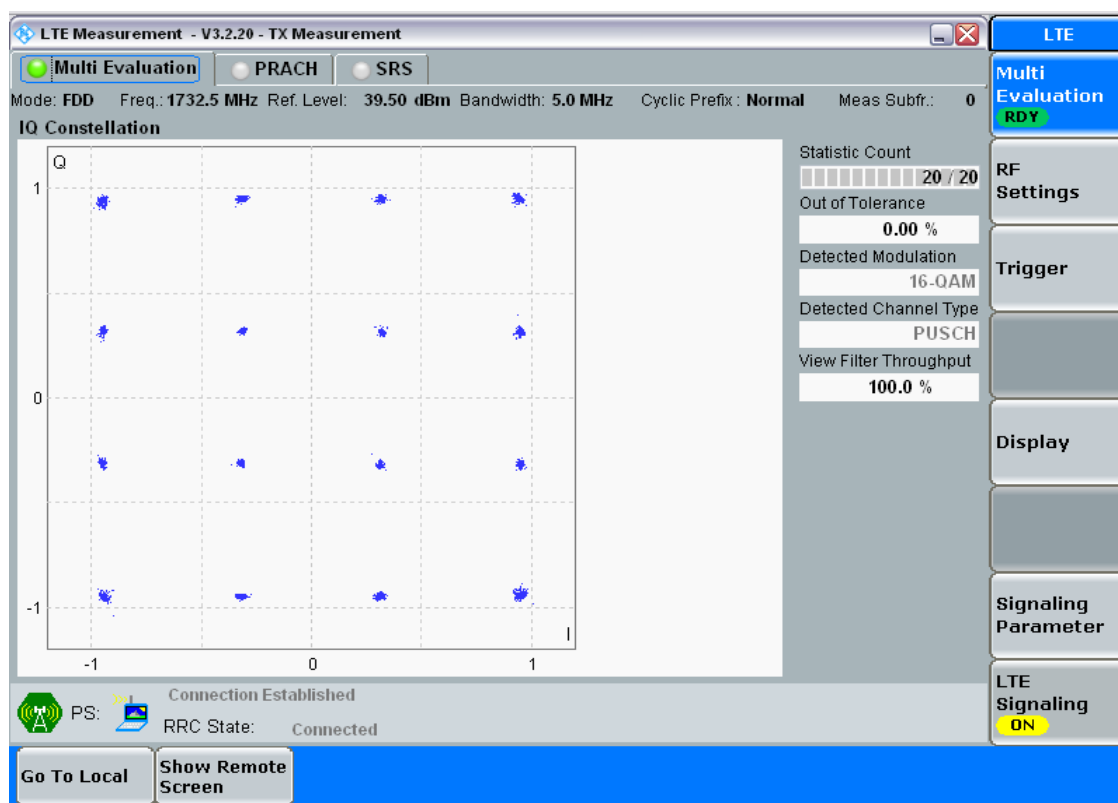


3.3.2.2 Test Mode = LTE/TM2

3.3.2.2.1 Test Bandwidth = 5

3.3.2.2.1.1 Test Channel = MCH

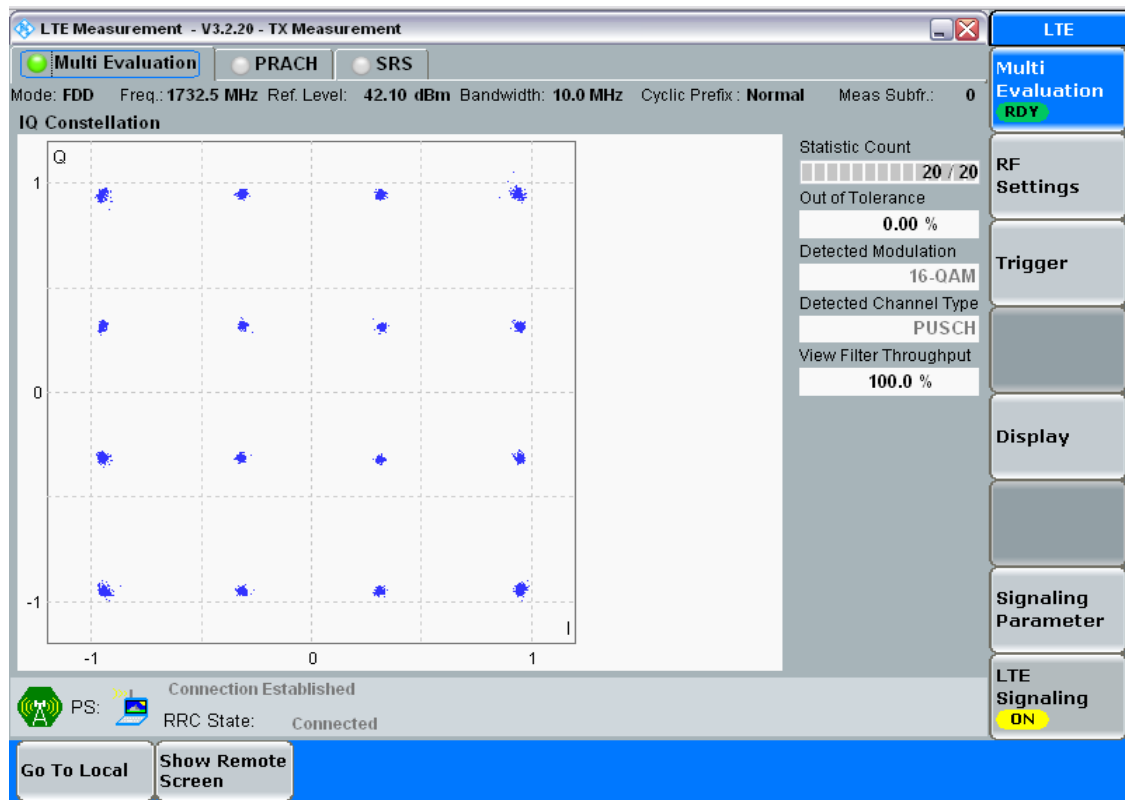
3.3.2.2.1.1.1 Test RB = RB25#0



3.3.2.2.2 Test Bandwidth = 10

3.3.2.2.2.1 Test Channel = MCH

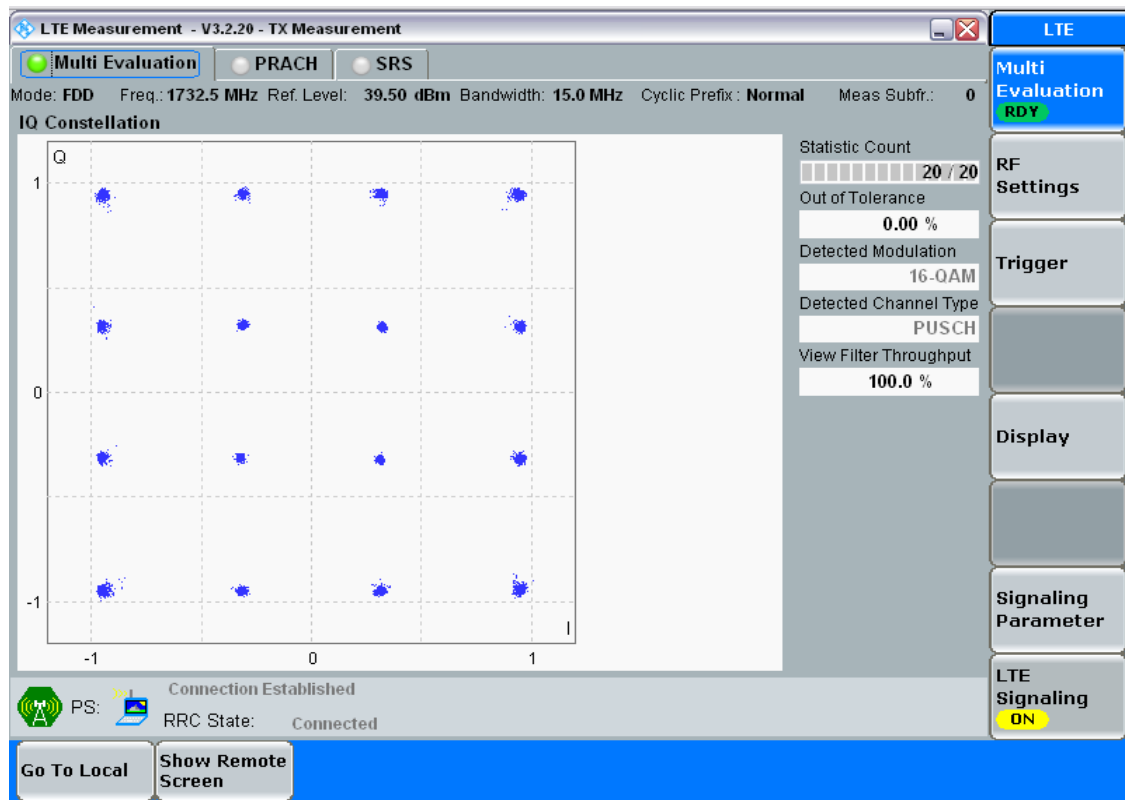
3.3.2.2.2.1.1 Test RB = RB50#0



3.3.2.2.3 Test Bandwidth = 15

3.3.2.2.3.1 Test Channel = MCH

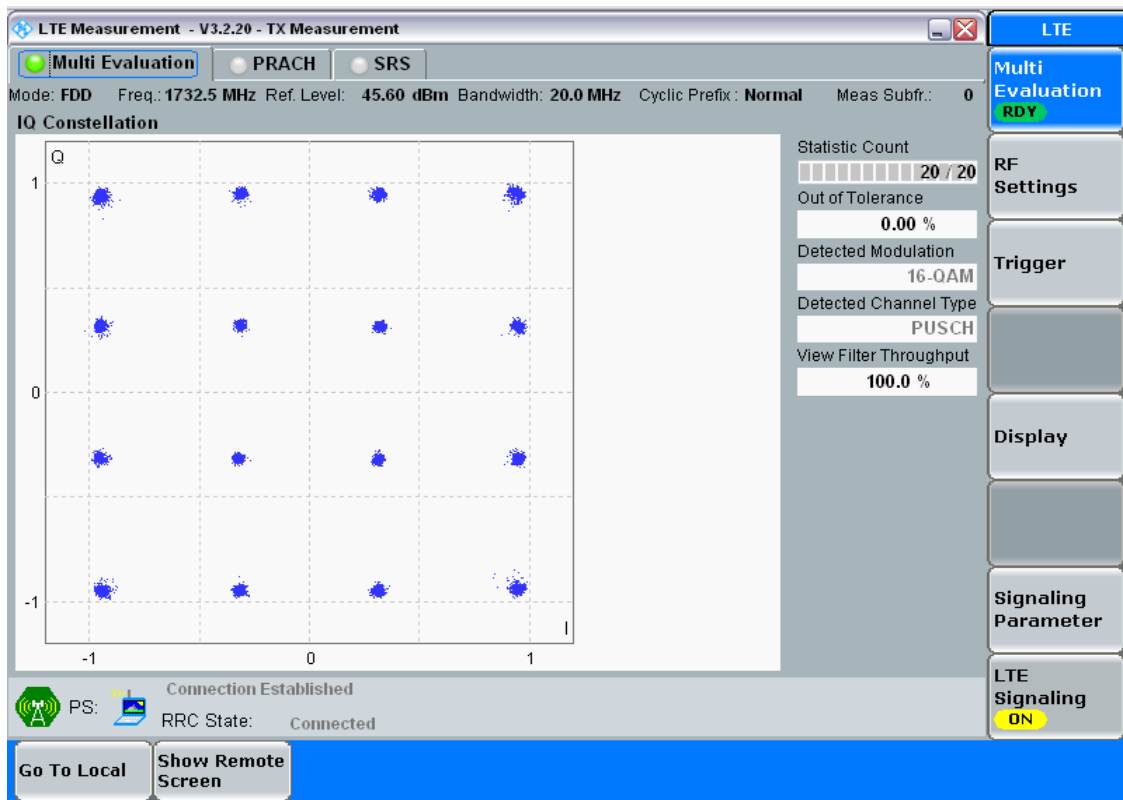
3.3.2.2.3.1.1 Test RB = RB75#0



3.3.2.2.4 Test Bandwidth = 20

3.3.2.2.4.1 Test Channel = MCH

3.3.2.2.4.1.1 Test RB = RB100#0



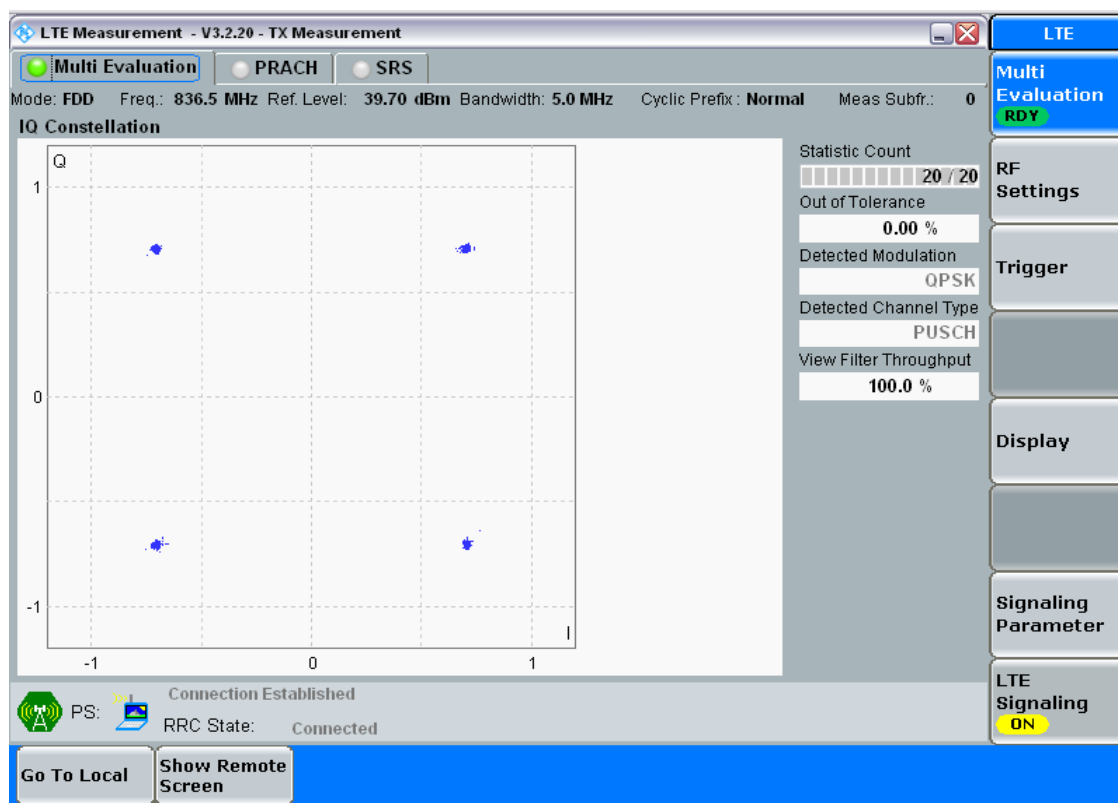
3.3.3 Test Band = BAND5

3.3.3.1 Test Mode = LTE/TM1

3.3.3.1.1 Test Bandwidth = 5

3.3.3.1.1.1 Test Channel = MCH

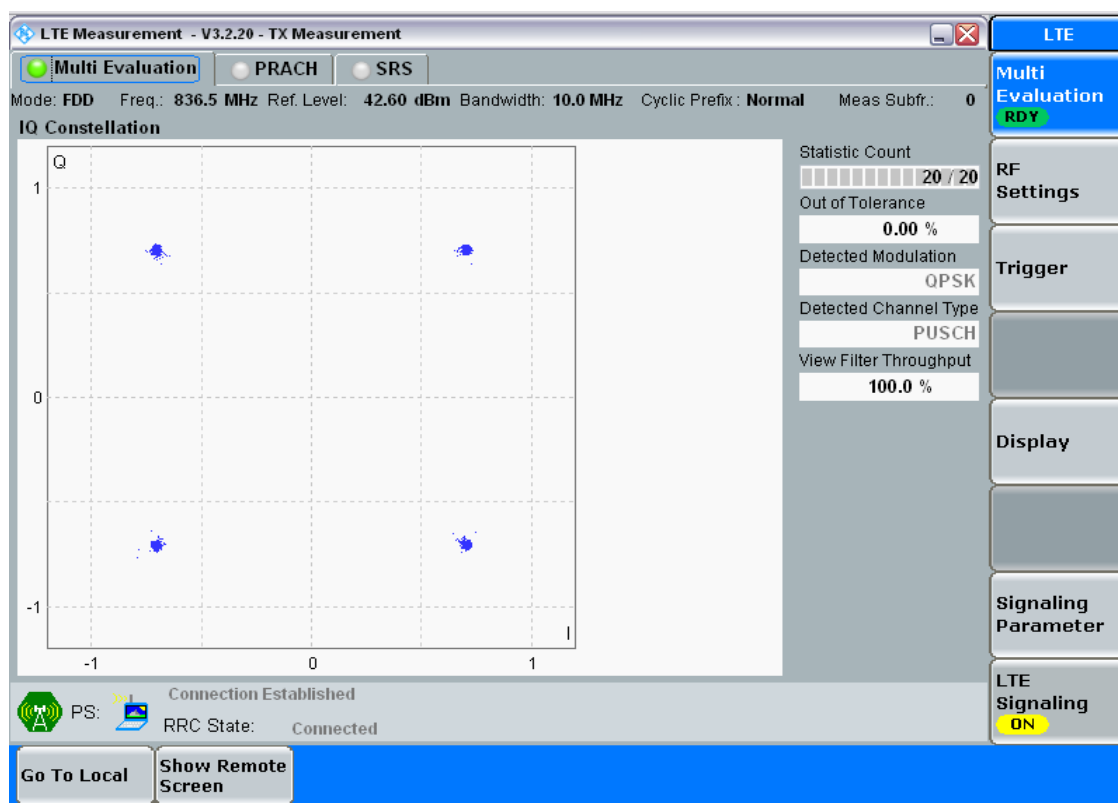
3.3.3.1.1.1.1 Test RB = RB25#0



3.3.3.1.2 Test Bandwidth = 10

3.3.3.1.2.1 Test Channel = MCH

3.3.3.1.2.1.1 Test RB = RB50#0

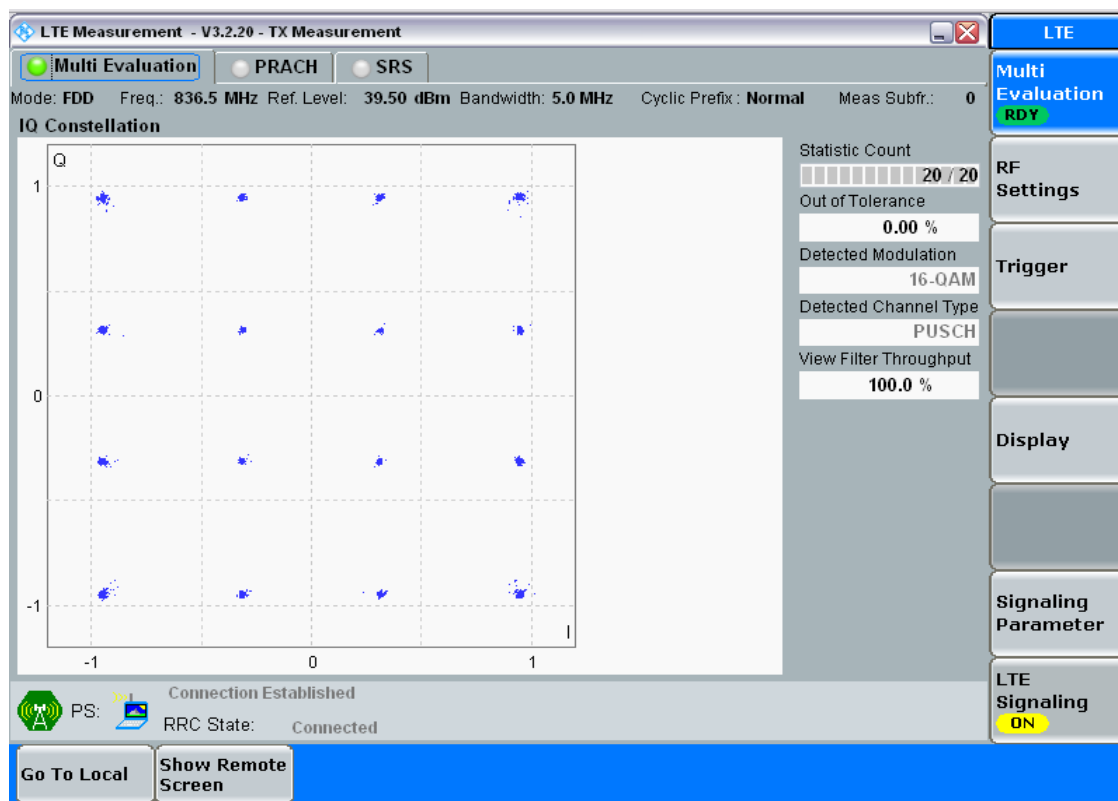


3.3.3.2 Test Mode = LTE/TM2

3.3.3.2.1 Test Bandwidth = 5

3.3.3.2.1.1 Test Channel = MCH

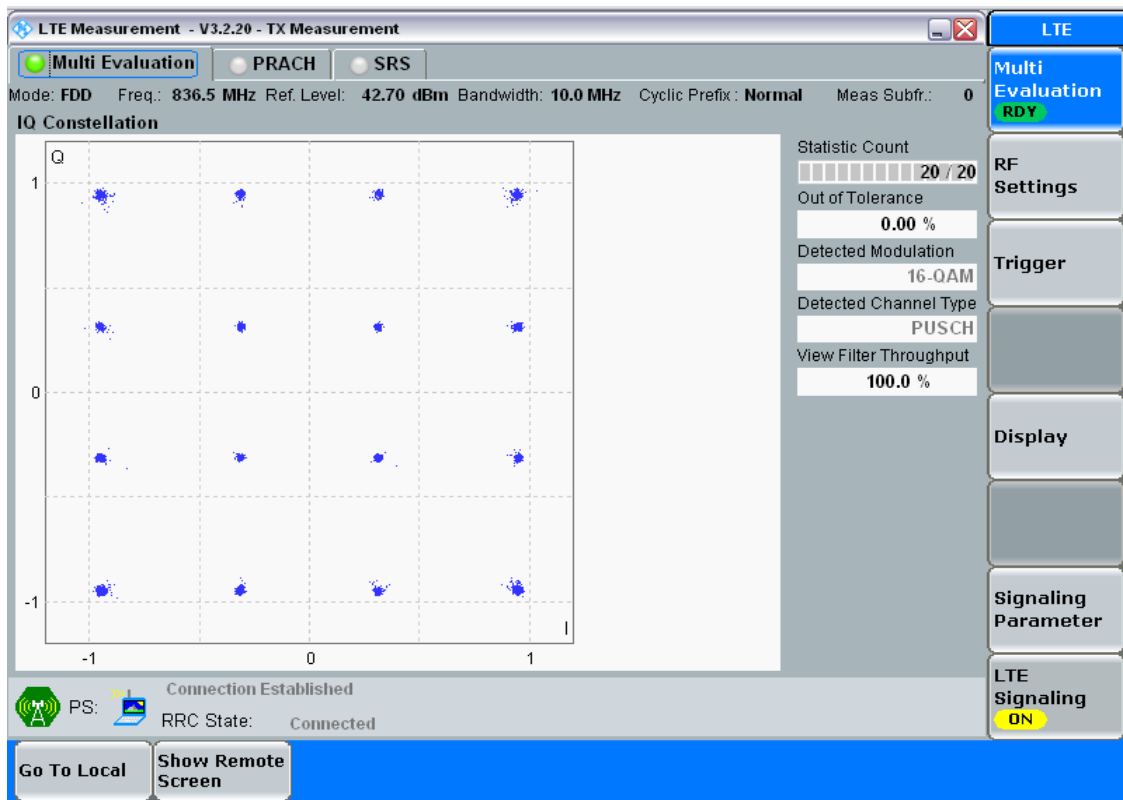
3.3.3.2.1.1.1 Test RB = RB25#0



3.3.3.2.2 Test Bandwidth = 10

3.3.3.2.2.1 Test Channel = MCH

3.3.3.2.2.1.1 Test RB = RB50#0



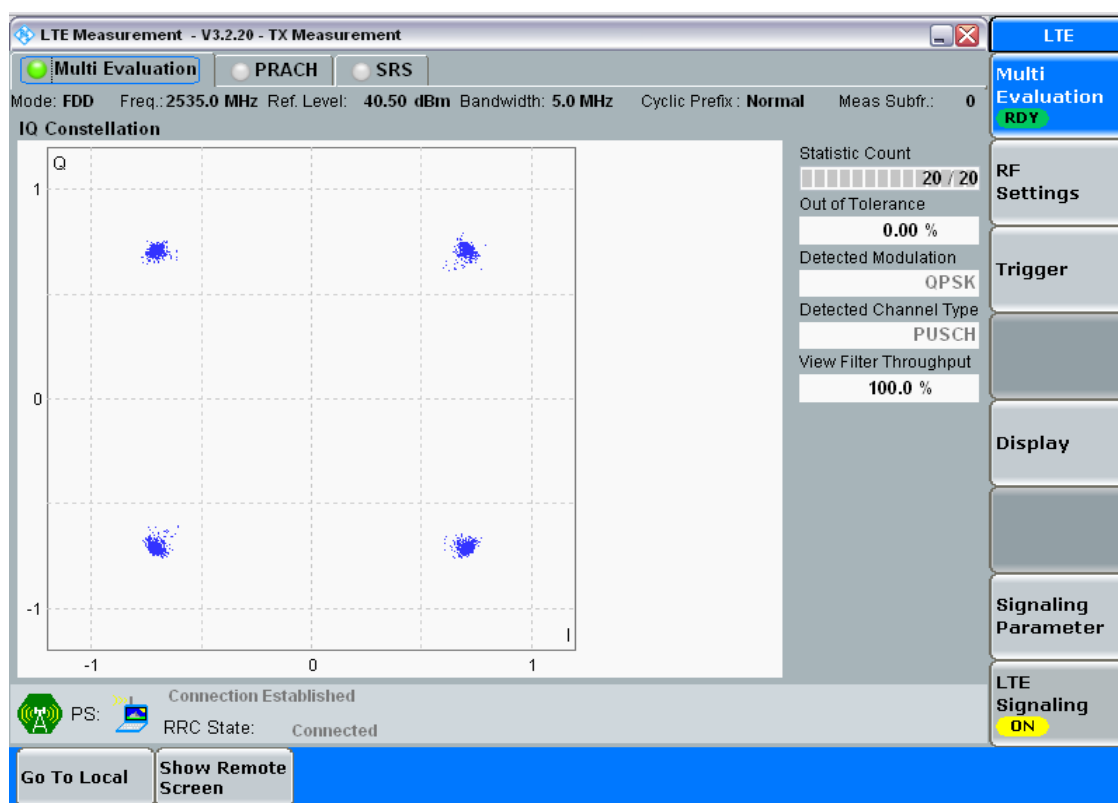
3.3.4 Test Band = BAND7

3.3.4.1 Test Mode = LTE/TM1

3.3.4.1.1 Test Bandwidth = 5

3.3.4.1.1.1 Test Channel = MCH

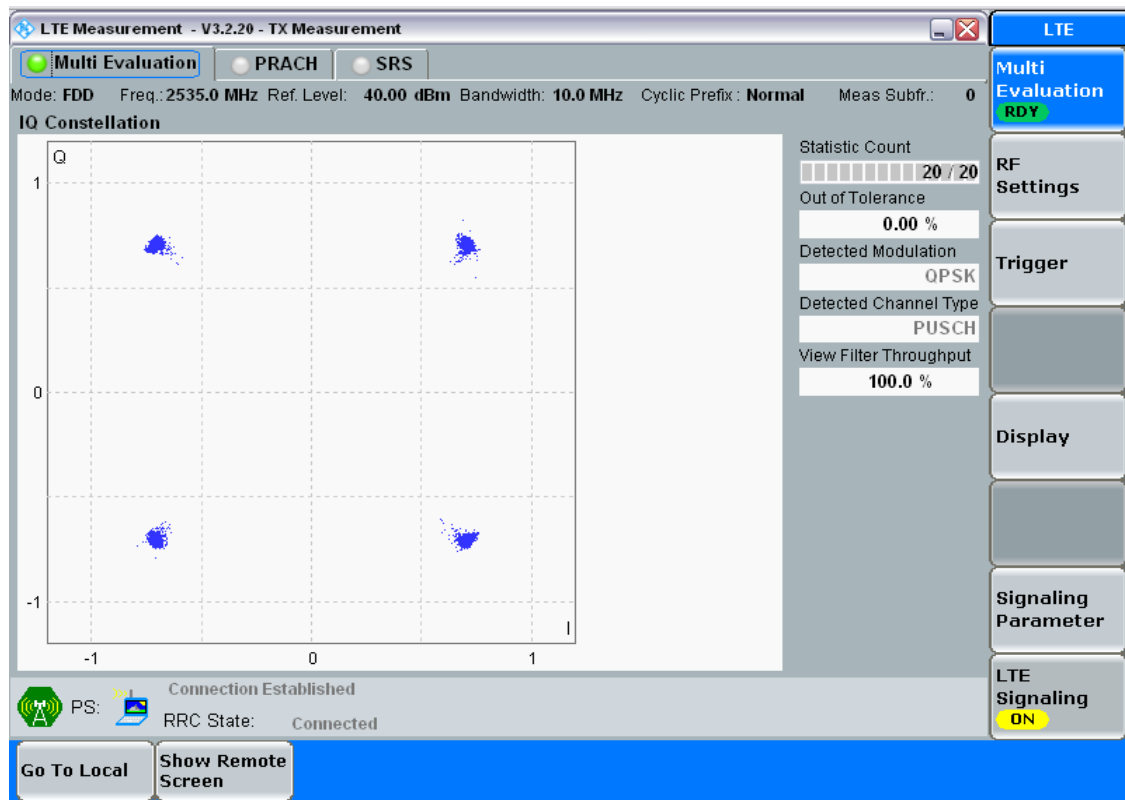
3.3.4.1.1.1.1 Test RB = RB25#0



3.3.4.1.2 Test Bandwidth = 10

3.3.4.1.2.1 Test Channel = MCH

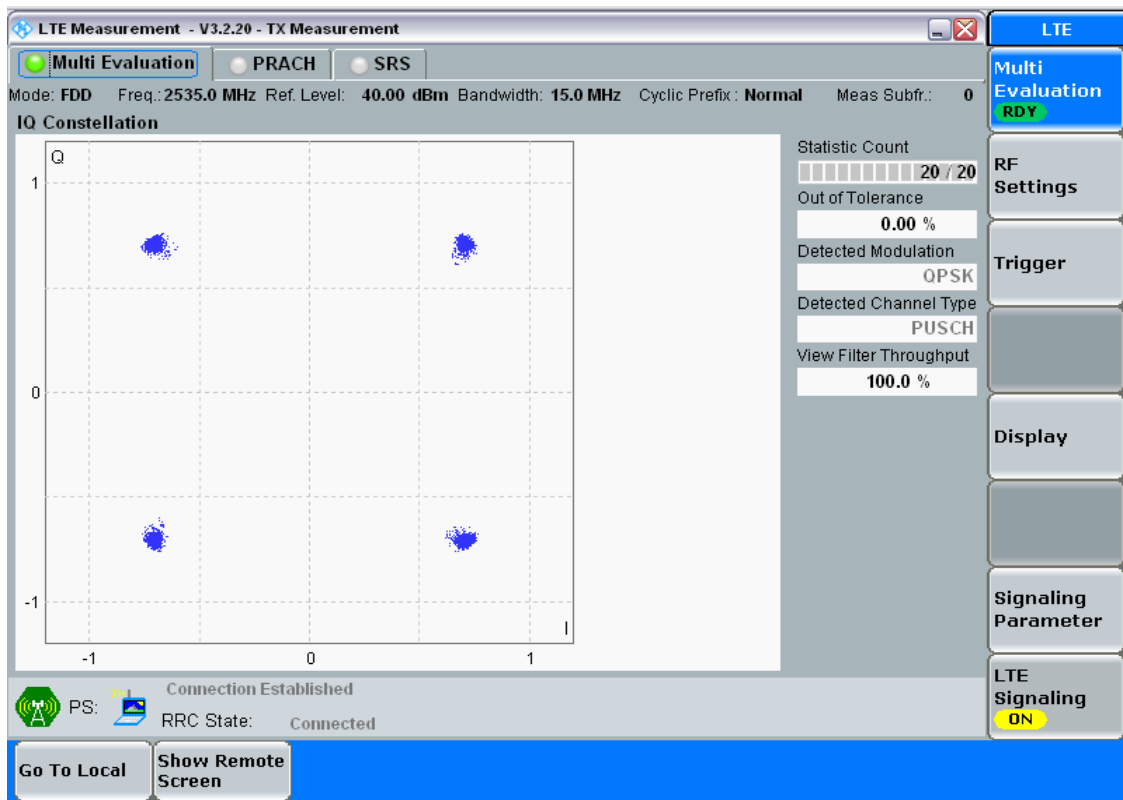
3.3.4.1.2.1.1 Test RB = RB50#0



3.3.4.1.3 Test Bandwidth = 15

3.3.4.1.3.1 Test Channel = MCH

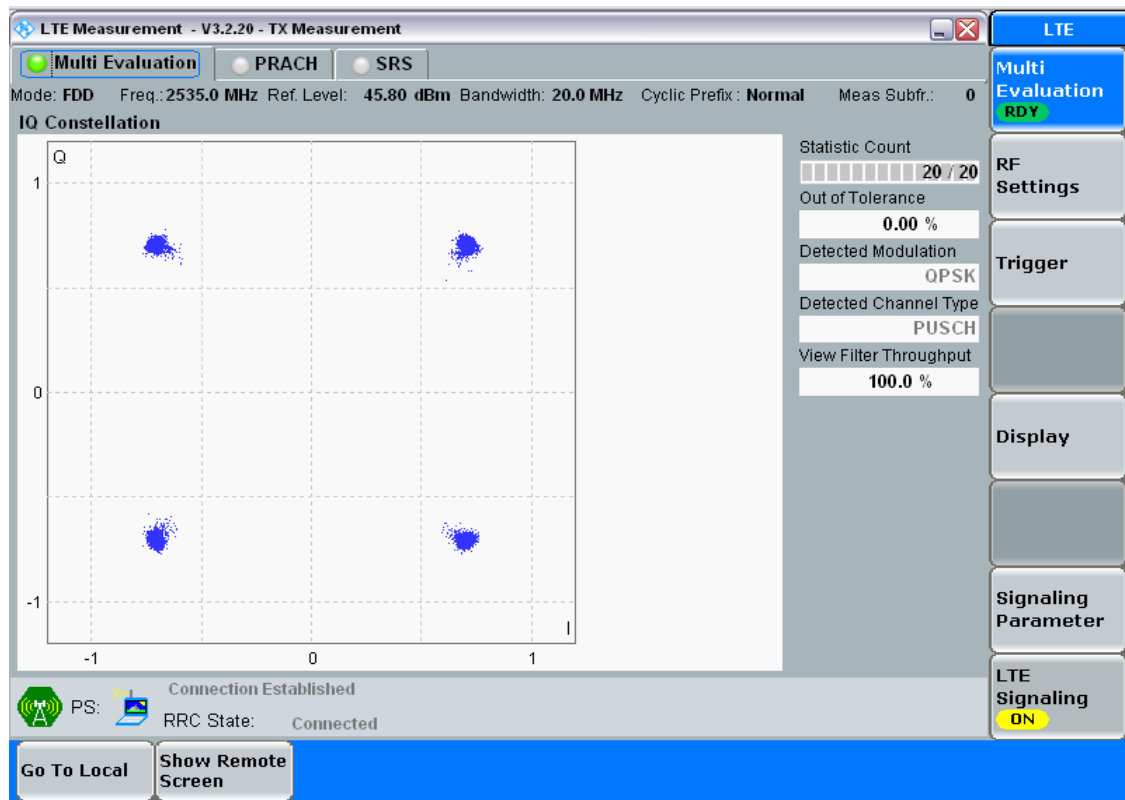
3.3.4.1.3.1.1 Test RB = RB75#0



3.3.4.1.4 Test Bandwidth = 20

3.3.4.1.4.1 Test Channel = MCH

3.3.4.1.4.1.1 Test RB = RB100#0

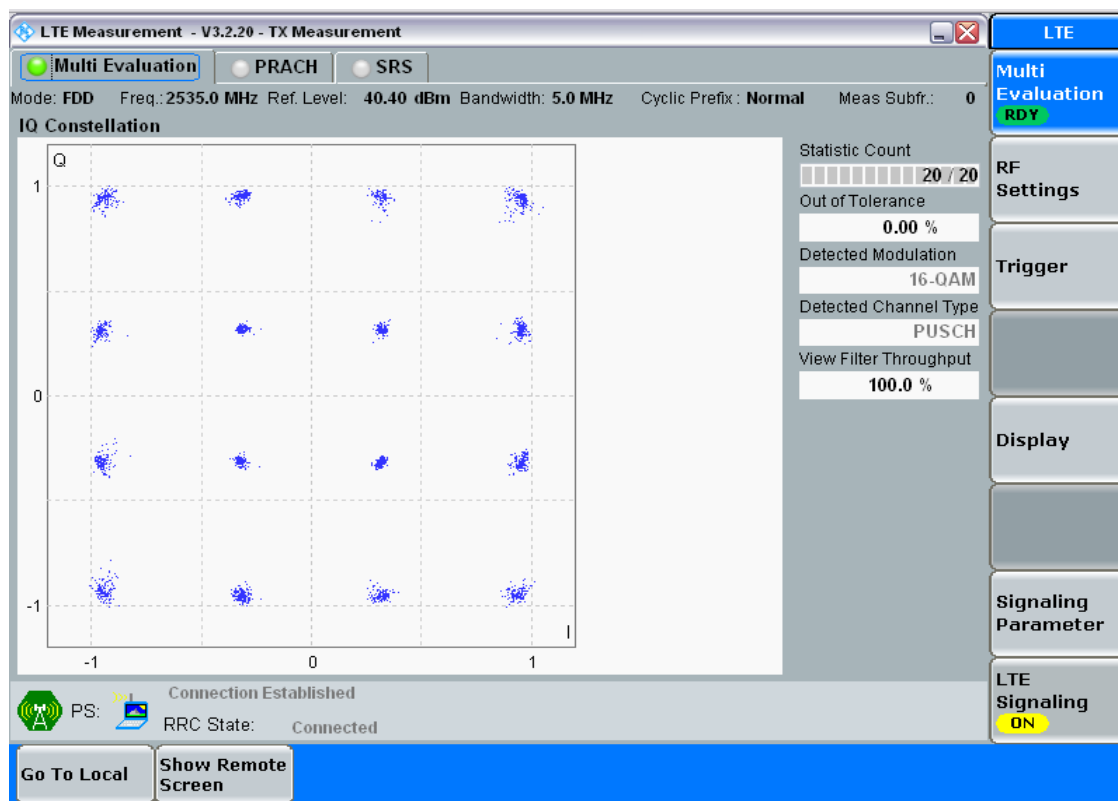


3.3.4.2 Test Mode = LTE/TM2

3.3.4.2.1 Test Bandwidth = 5

3.3.4.2.1.1 Test Channel = MCH

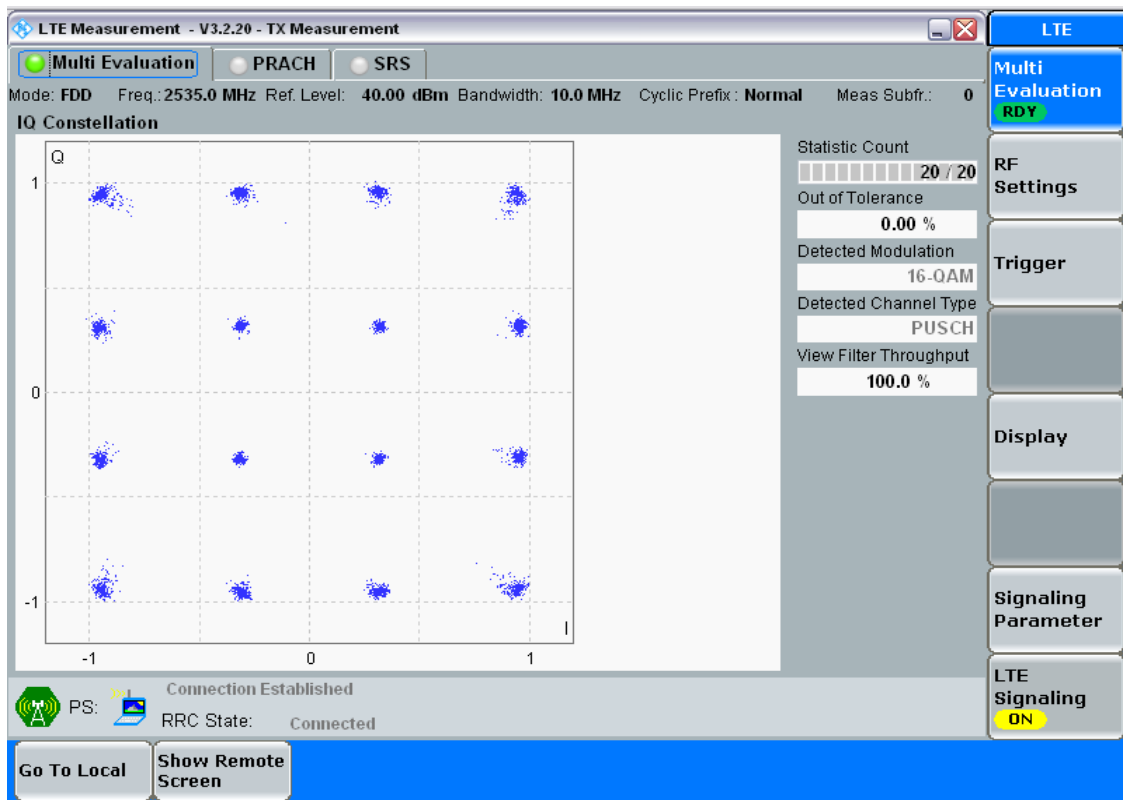
3.3.4.2.1.1.1 Test RB = RB25#0



3.3.4.2.2 Test Bandwidth = 10

3.3.4.2.2.1 Test Channel = MCH

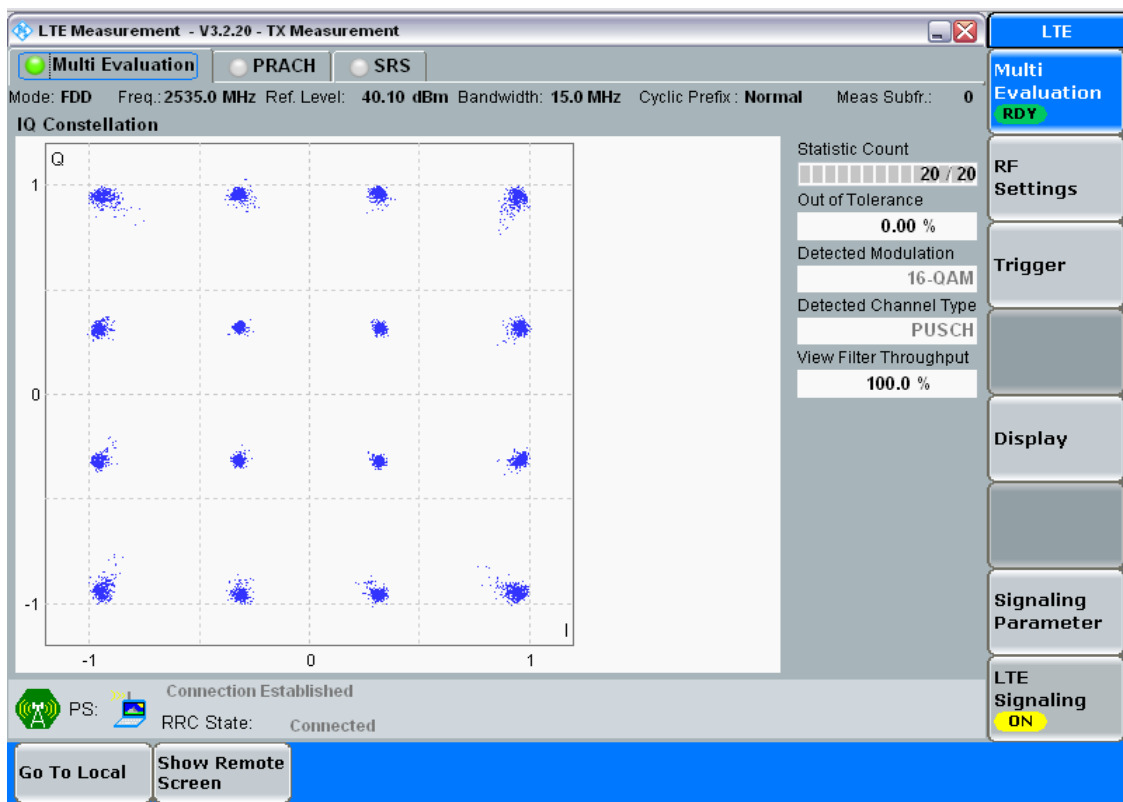
3.3.4.2.2.1.1 Test RB = RB50#0



3.3.4.2.3 Test Bandwidth = 15

3.3.4.2.3.1 Test Channel = MCH

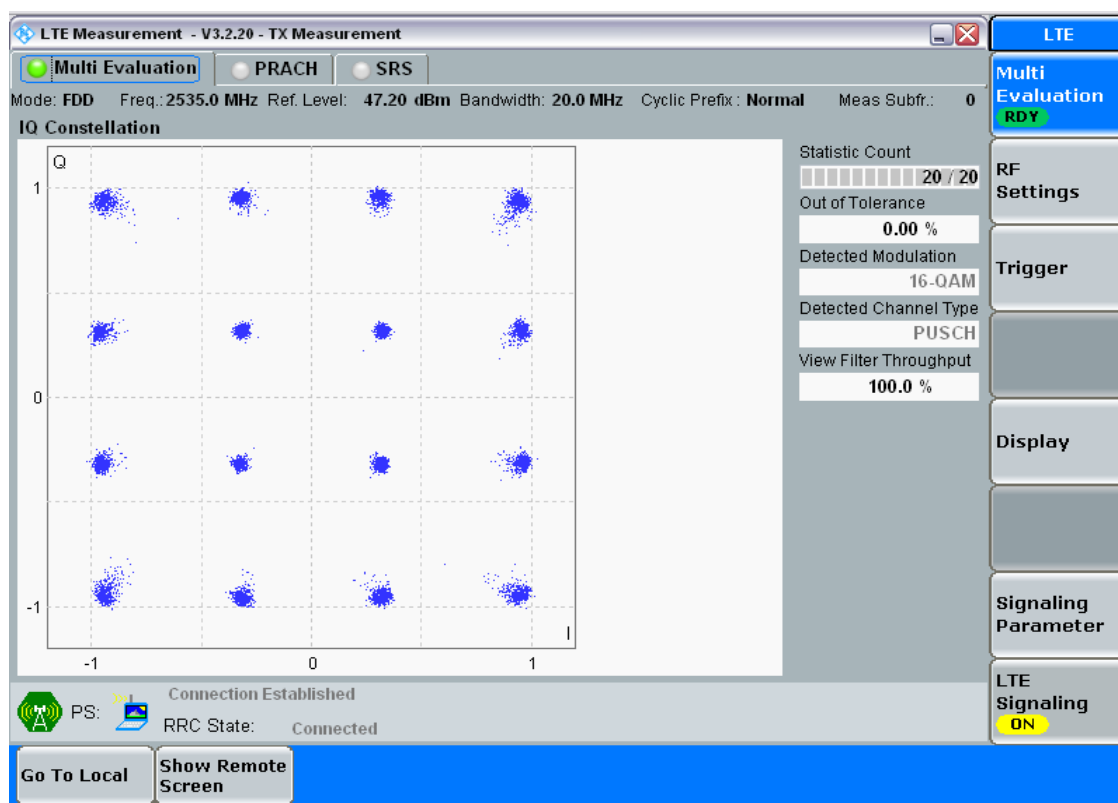
3.3.4.2.3.1.1 Test RB = RB75#0



3.3.4.2.4 Test Bandwidth = 20

3.3.4.2.4.1 Test Channel = MCH

3.3.4.2.4.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
GSM850	GSM/TM1	LCH	244.02	315.65	Pass
		MCH	242.66	315.09	Pass
		HCH	241.52	316.68	Pass
	GSM/TM2	LCH	243.69	313.99	Pass
		MCH	246.68	298.46	Pass
		HCH	243.91	314.77	Pass
GSM1900	GSM/TM1	LCH	239.46	318.03	Pass
		MCH	243.10	312.21	Pass
		HCH	239.90	317.73	Pass
	GSM/TM2	LCH	248.68	321.71	Pass
		MCH	243.07	308.35	Pass
		HCH	243.47	305.86	Pass
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM1	LCH	4.15	4.70	Pass
		MCH	4.16	4.70	Pass
		HCH	4.16	4.71	Pass
WCDMA1900	UMTS/TM1	LCH	4.16	4.70	Pass
		MCH	4.15	4.70	Pass
		HCH	4.17	4.72	Pass
WCDMA1700	UMTS/TM1	LCH	4.16	4.71	Pass
		MCH	4.15	4.71	Pass
		HCH	4.15	4.71	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND2	LTE/TM1	5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.84	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	9.01	9.66	Pass
			MCH	RB50#0	8.99	9.65	Pass
			HCH	RB50#0	9.00	9.58	Pass
		15	LCH	RB75#0	13.51	14.47	Pass
			MCH	RB75#0	13.47	14.36	Pass
			HCH	RB75#0	13.45	14.35	Pass
		20	LCH	RB100#0	18.01	19.02	Pass
			MCH	RB100#0	17.93	19.01	Pass
			HCH	RB100#0	17.94	19.02	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.49	4.85	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	9.02	9.71	Pass
			MCH	RB50#0	9.00	9.61	Pass
			HCH	RB50#0	9.00	9.62	Pass
		15	LCH	RB75#0	13.51	14.44	Pass
			MCH	RB75#0	13.48	14.40	Pass
			HCH	RB75#0	13.46	14.34	Pass
		20	LCH	RB100#0	18.01	19.19	Pass
			MCH	RB100#0	17.95	19.06	Pass
			HCH	RB100#0	17.95	19.04	Pass
BAND4	LTE/TM1	5	LCH	RB25#0	4.49	4.86	Pass
			MCH	RB25#0	4.49	4.87	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	9.01	9.68	Pass
			MCH	RB50#0	9.01	9.65	Pass
			HCH	RB50#0	9.00	9.61	Pass
		15	LCH	RB75#0	13.48	14.43	Pass
			MCH	RB75#0	13.51	14.49	Pass
			HCH	RB75#0	13.48	14.39	Pass
		20	LCH	RB100#0	17.99	19.08	Pass
			MCH	RB100#0	17.99	19.16	Pass
			HCH	RB100#0	17.94	19.02	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.86	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB25#0	4.49	4.88	Pass
			HCH	RB25#0	4.49	4.85	Pass
			LCH	RB50#0	9.01	9.65	Pass
		10	MCH	RB50#0	9.00	9.65	Pass
			HCH	RB50#0	9.00	9.61	Pass
			LCH	RB75#0	13.49	14.47	Pass
		15	MCH	RB75#0	13.50	14.36	Pass
			HCH	RB75#0	13.48	14.37	Pass
			LCH	RB100#0	17.99	19.12	Pass
		20	MCH	RB100#0	17.99	19.04	Pass
			HCH	RB100#0	17.95	19.08	Pass
BAND5	LTE/TM1	5	LCH	RB25#0	4.49	4.87	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.49	4.91	Pass
		10	LCH	RB50#0	9.00	9.63	Pass
			MCH	RB50#0	9.02	9.63	Pass
			HCH	RB50#0	8.95	9.26	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.85	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	9.00	9.59	Pass
			MCH	RB50#0	9.01	9.64	Pass
			HCH	RB50#0	8.99	9.59	Pass
BAND7	LTE/TM1	5	LCH	RB25#0	4.50	4.83	Pass
			MCH	RB25#0	4.49	4.87	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	9.00	9.62	Pass
			MCH	RB50#0	8.99	9.69	Pass
			HCH	RB50#0	9.00	9.67	Pass
		15	LCH	RB75#0	13.49	14.51	Pass
			MCH	RB75#0	13.50	14.49	Pass
			HCH	RB75#0	13.49	14.51	Pass
		20	LCH	RB100#0	17.97	19.10	Pass
			MCH	RB100#0	17.96	19.06	Pass
			HCH	RB100#0	17.96	19.11	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.50	4.89	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	9.01	9.72	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB50#0	9.01	9.66	Pass
			HCH	RB50#0	9.00	9.72	Pass
		15	LCH	RB75#0	13.50	14.44	Pass
			MCH	RB75#0	13.51	14.46	Pass
			HCH	RB75#0	13.50	14.49	Pass
		20	LCH	RB100#0	17.99	19.17	Pass
			MCH	RB100#0	17.97	19.11	Pass
			HCH	RB100#0	17.98	19.22	Pass

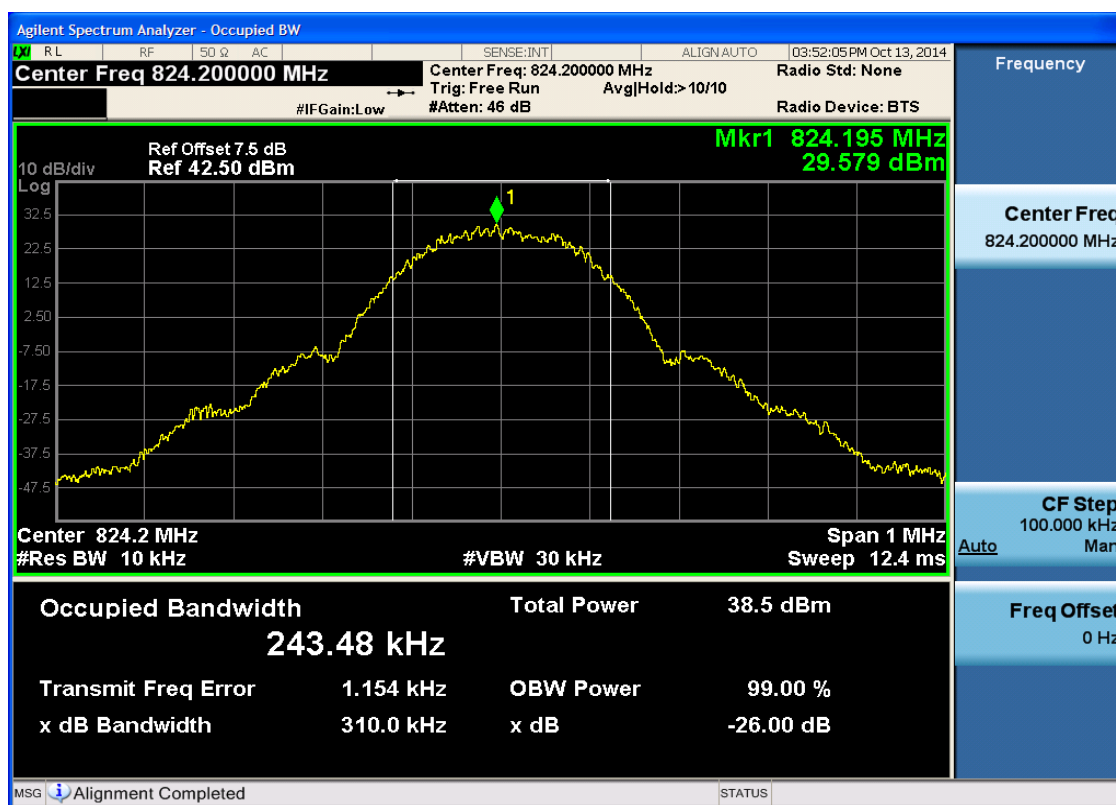
Part II - Test Plots

4.1 For GSM

4.1.1 Test Band = GSM850

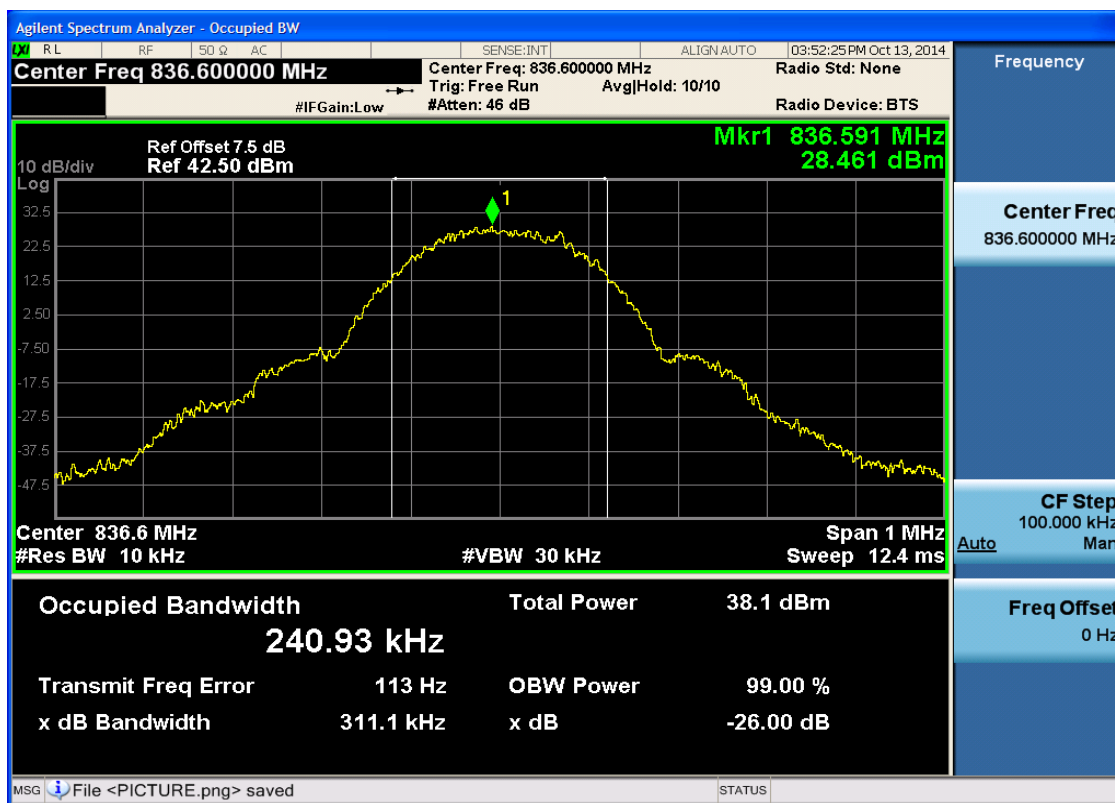
4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH



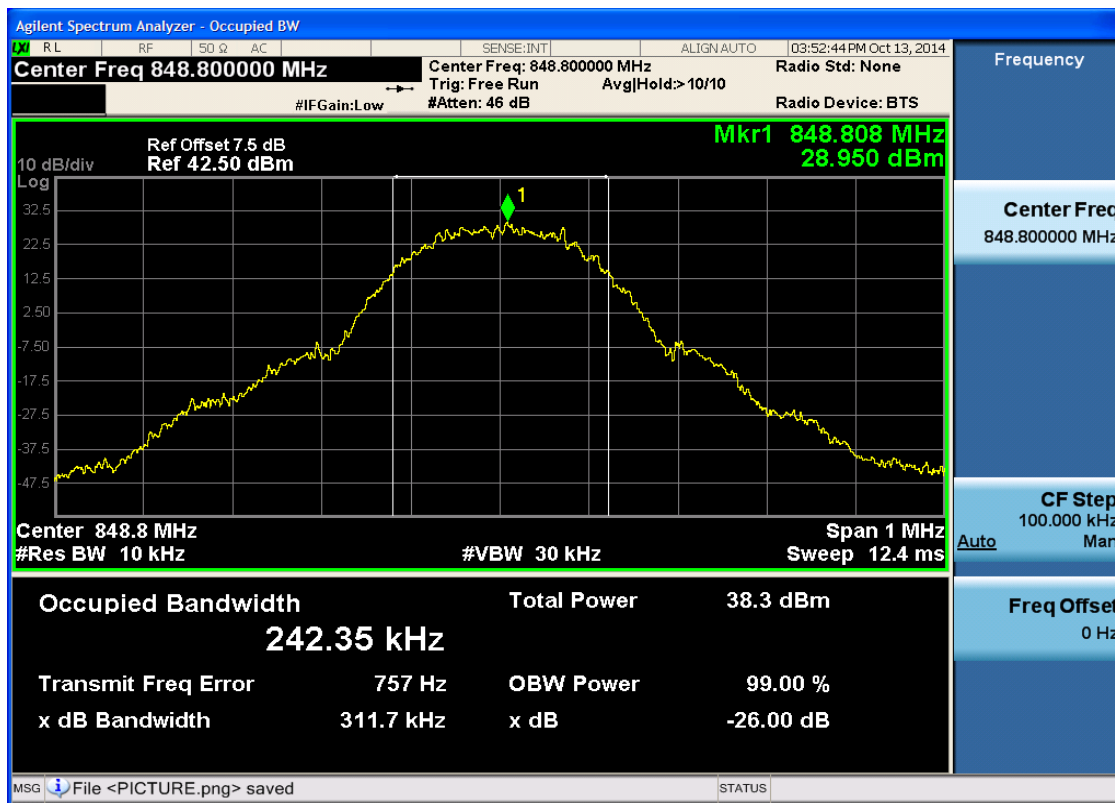


4.1.1.1.2 Test Channel = MCH





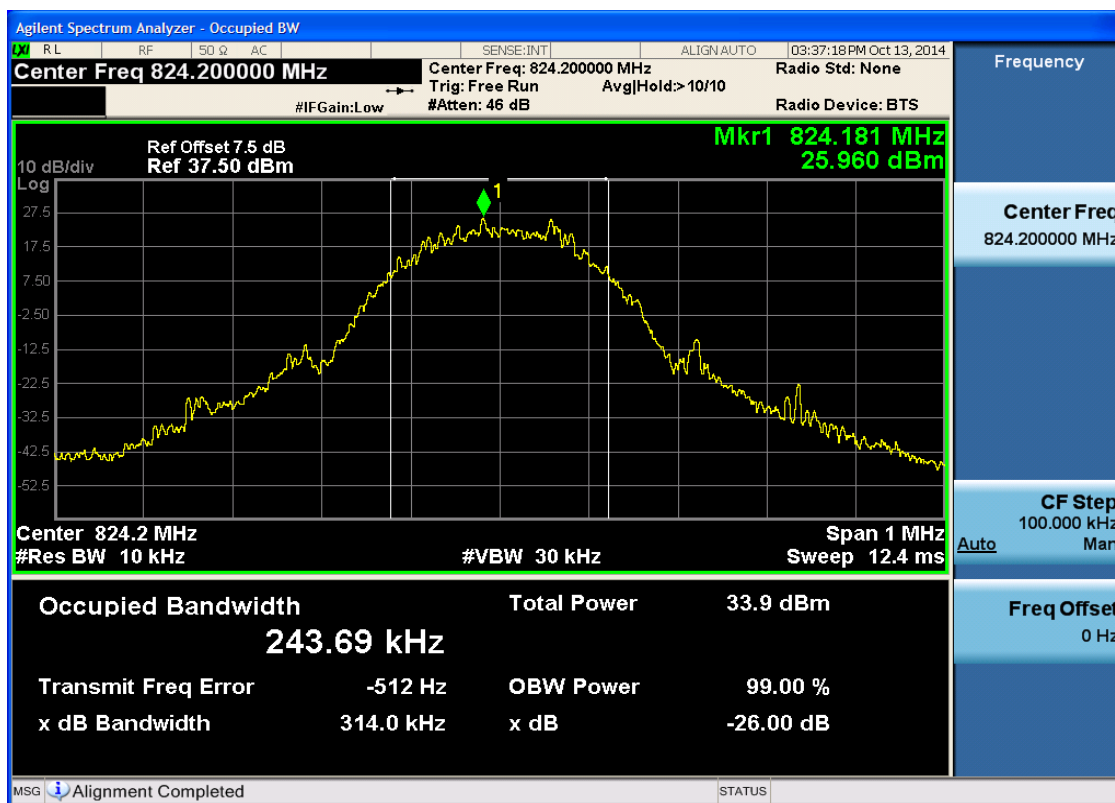
4.1.1.1.3 Test Channel = HCH





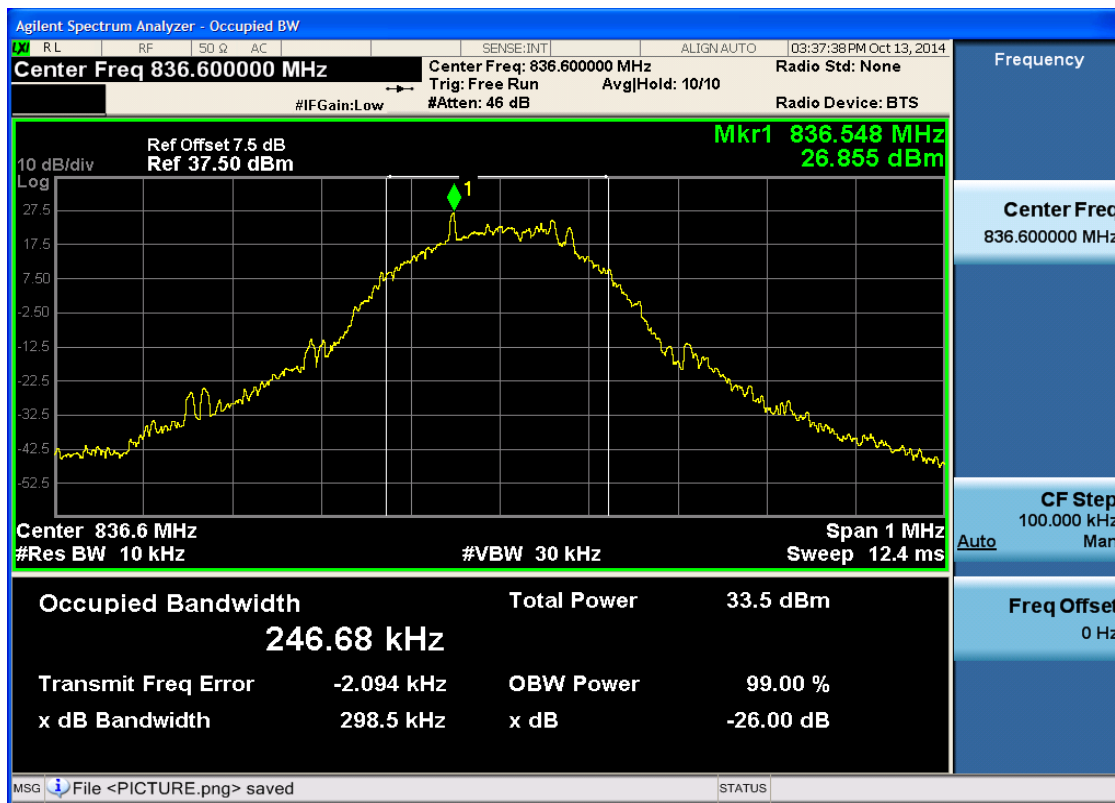
4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH



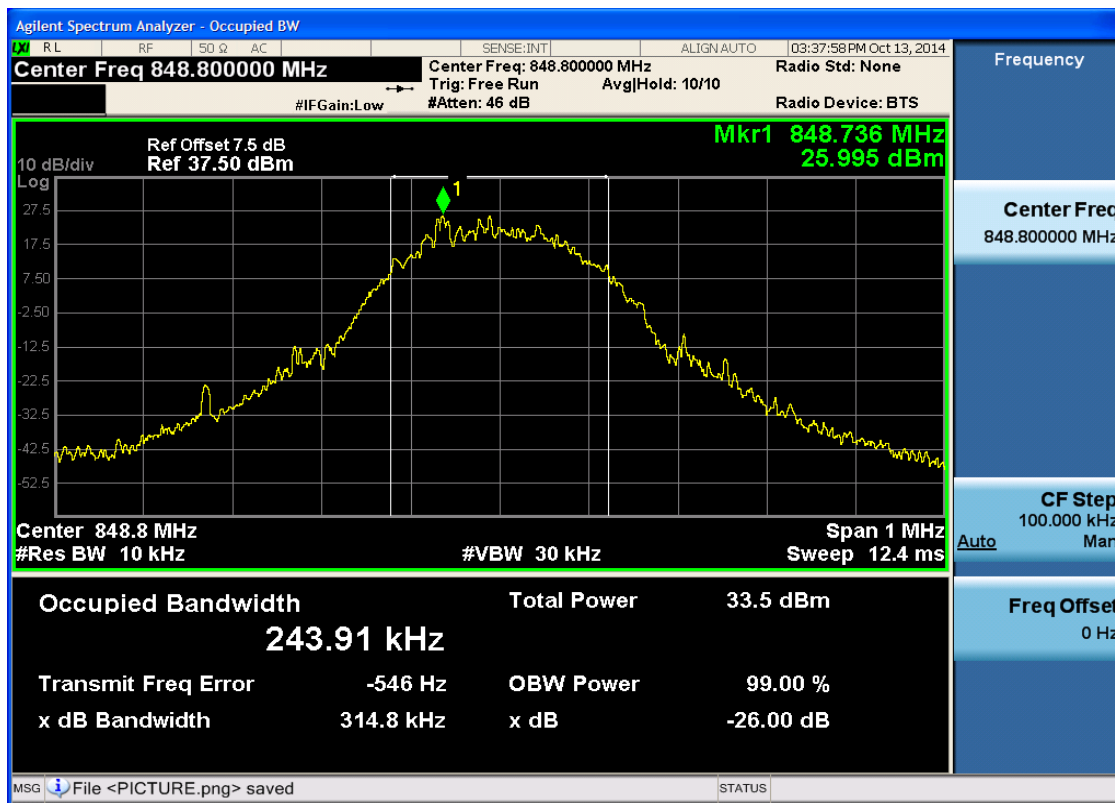


4.1.1.2.2 Test Channel = MCH





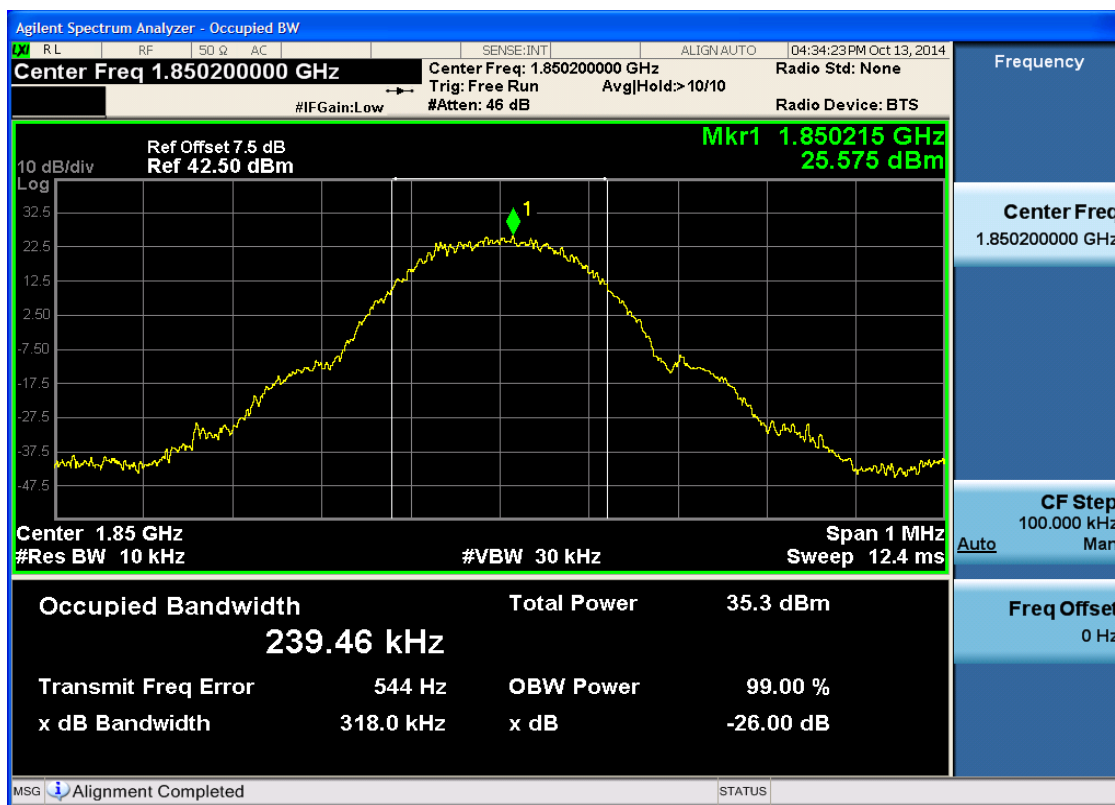
4.1.1.2.3 Test Channel = HCH



4.1.2 Test Band = GSM1900

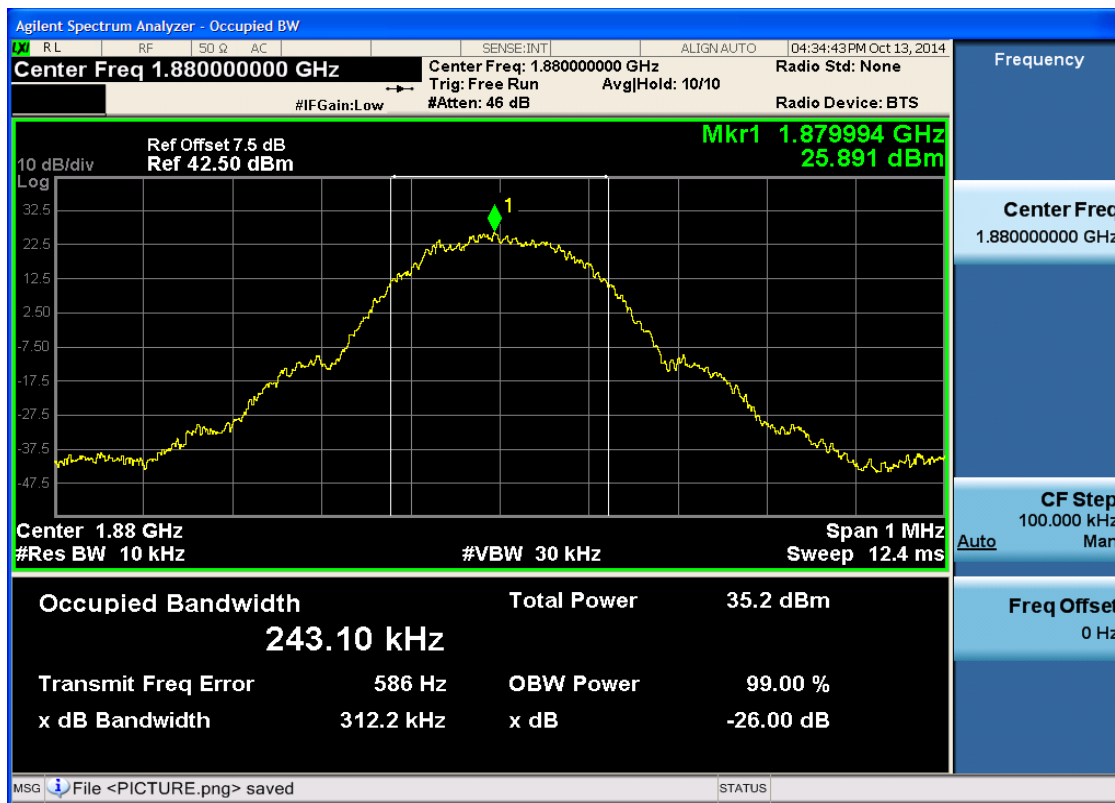
4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH



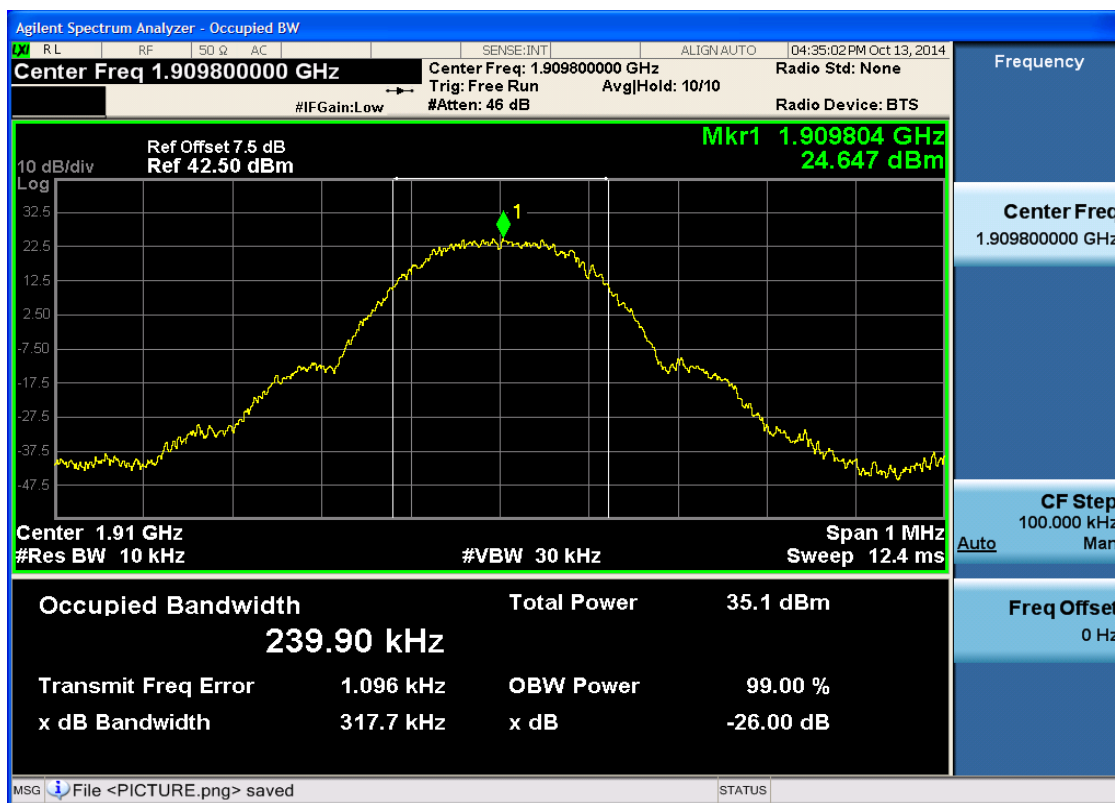


4.1.2.1.2 Test Channel = MCH





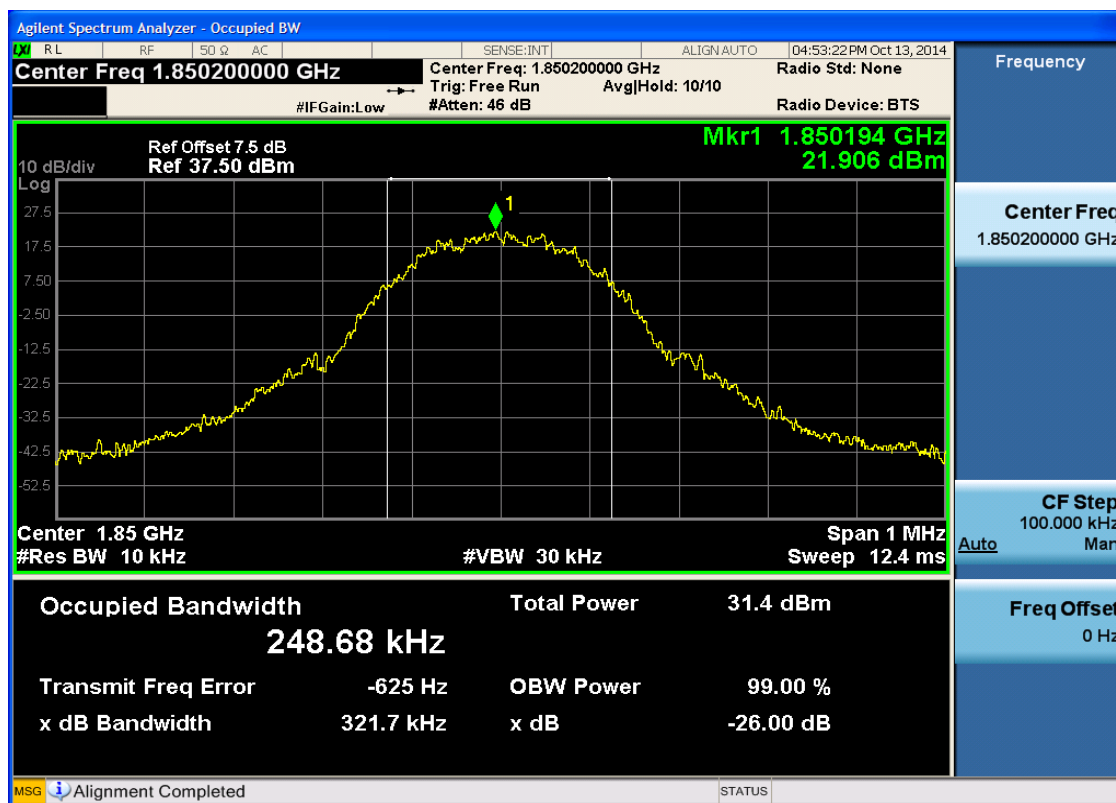
4.1.2.1.3 Test Channel = HCH





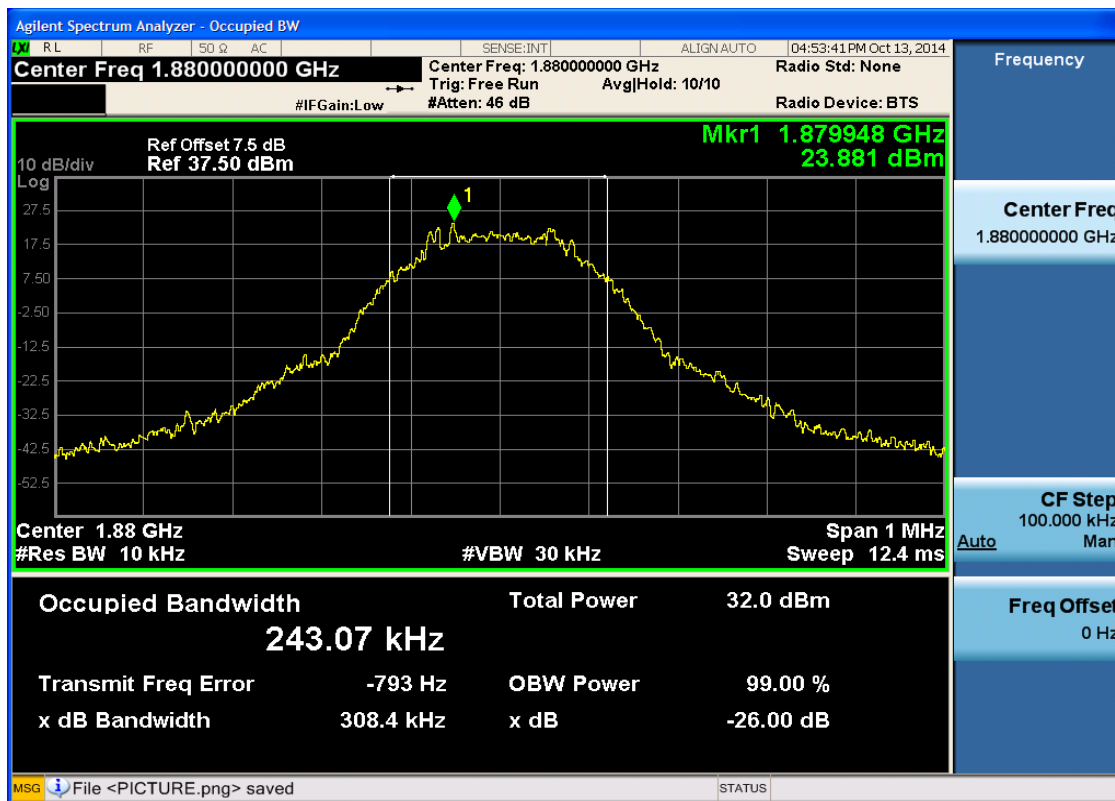
4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel = LCH



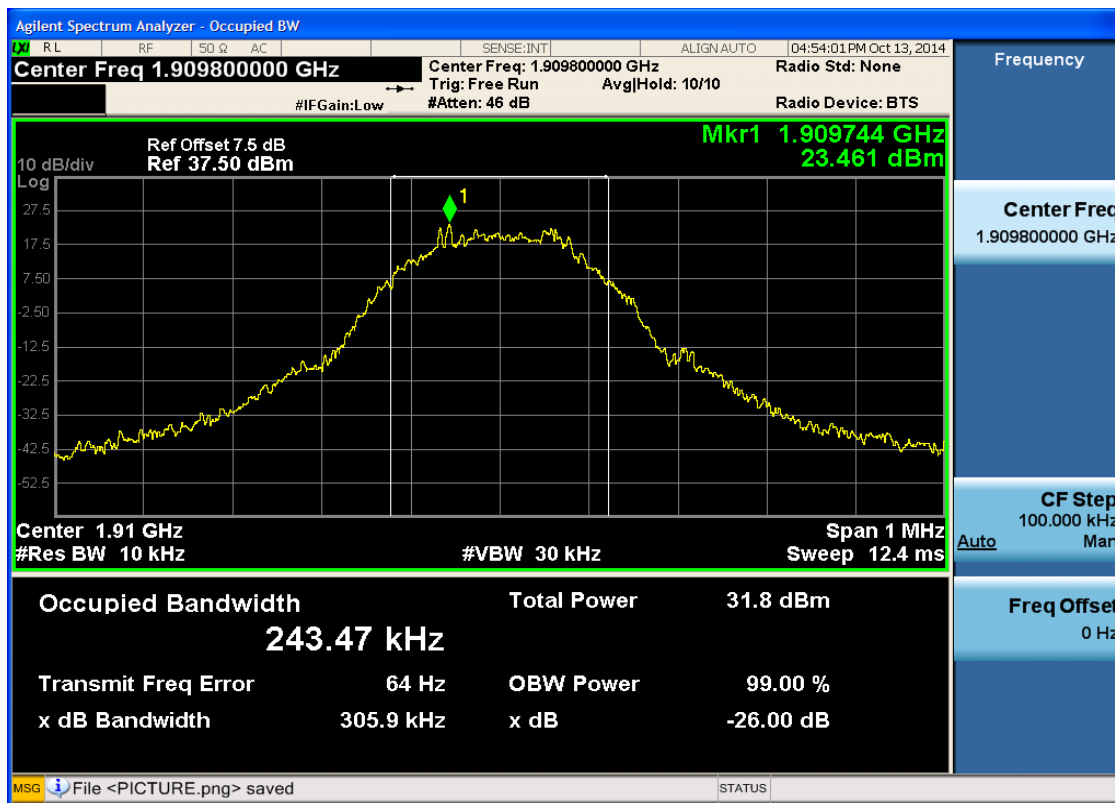


4.1.2.2.2 Test Channel = MCH





4.1.2.2.3 Test Channel = HCH

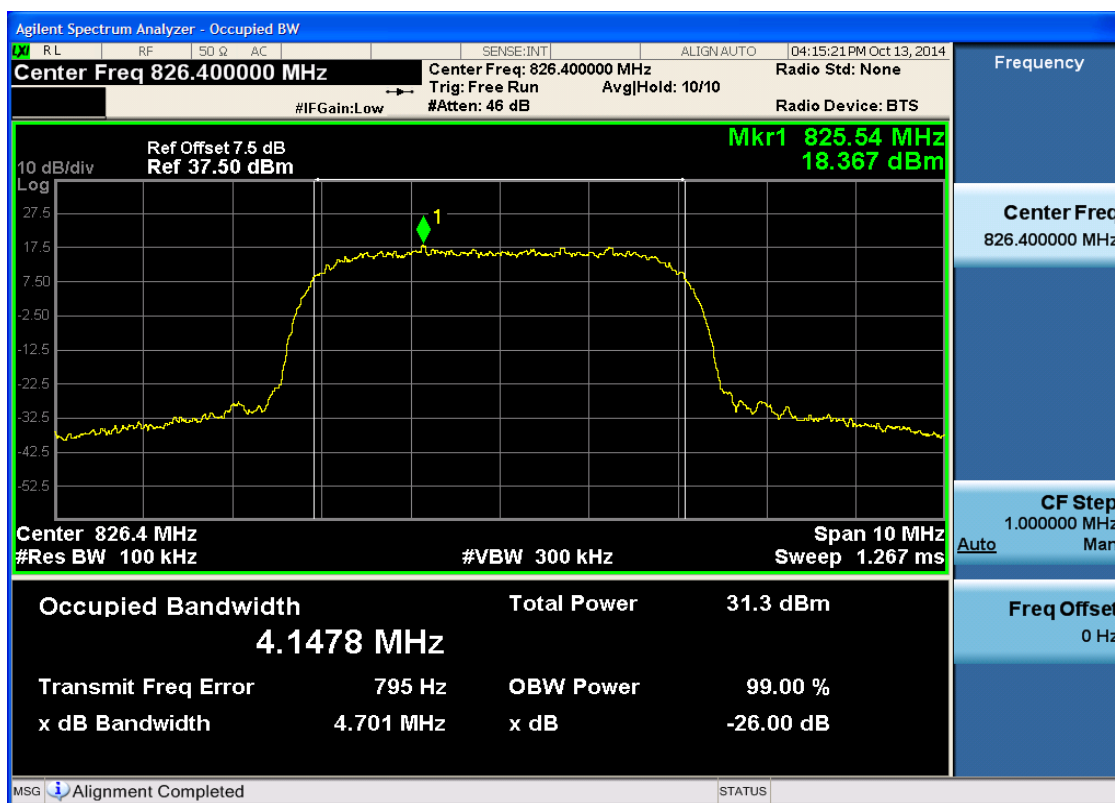


4.2 For UMTS

4.2.1 Test Band = WCDMA850

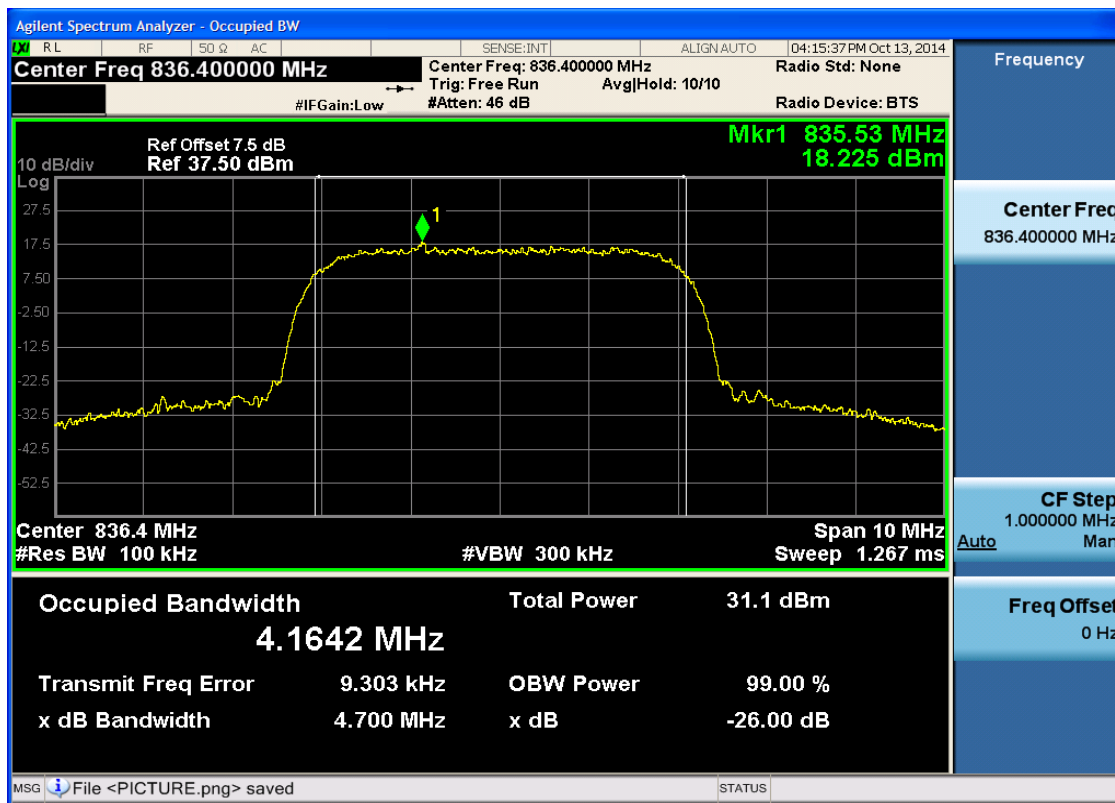
4.2.1.1 Test Mode = UMTS/TM1

4.2.1.1.1 Test Channel = LCH



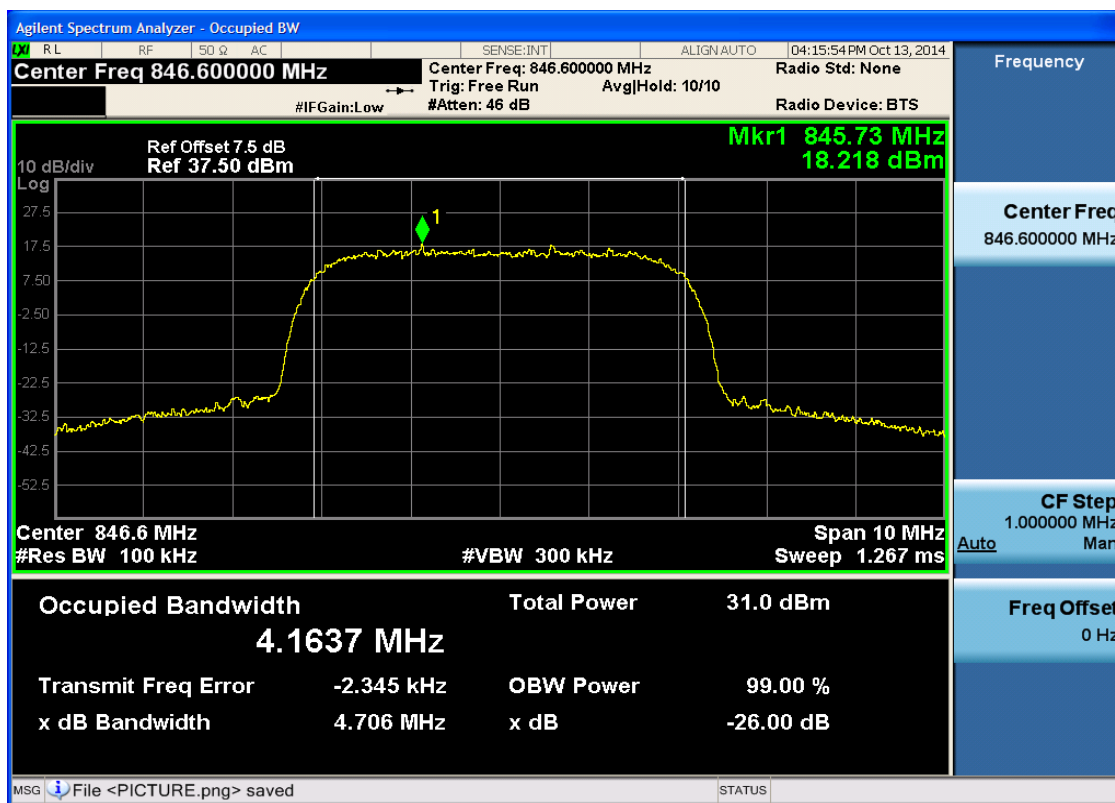


4.2.1.1.2 Test Channel = MCH





4.2.1.1.3 Test Channel = HCH

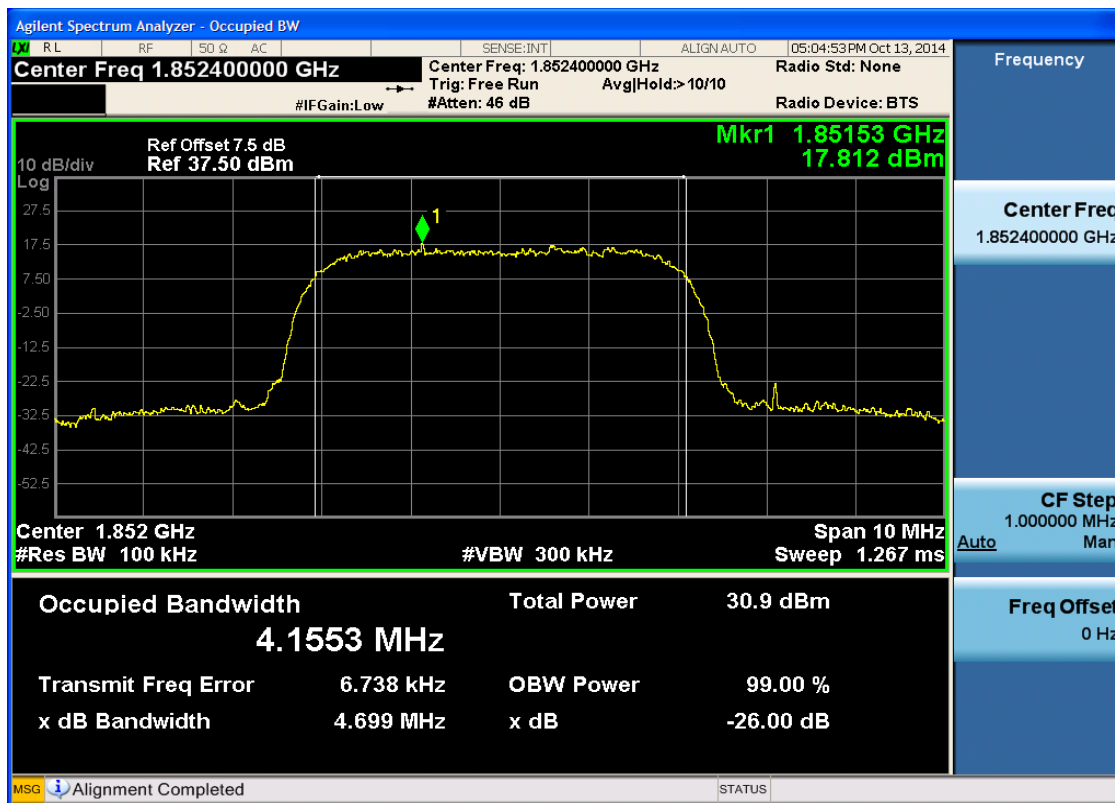




4.2.2 Test Band = WCDMA1900

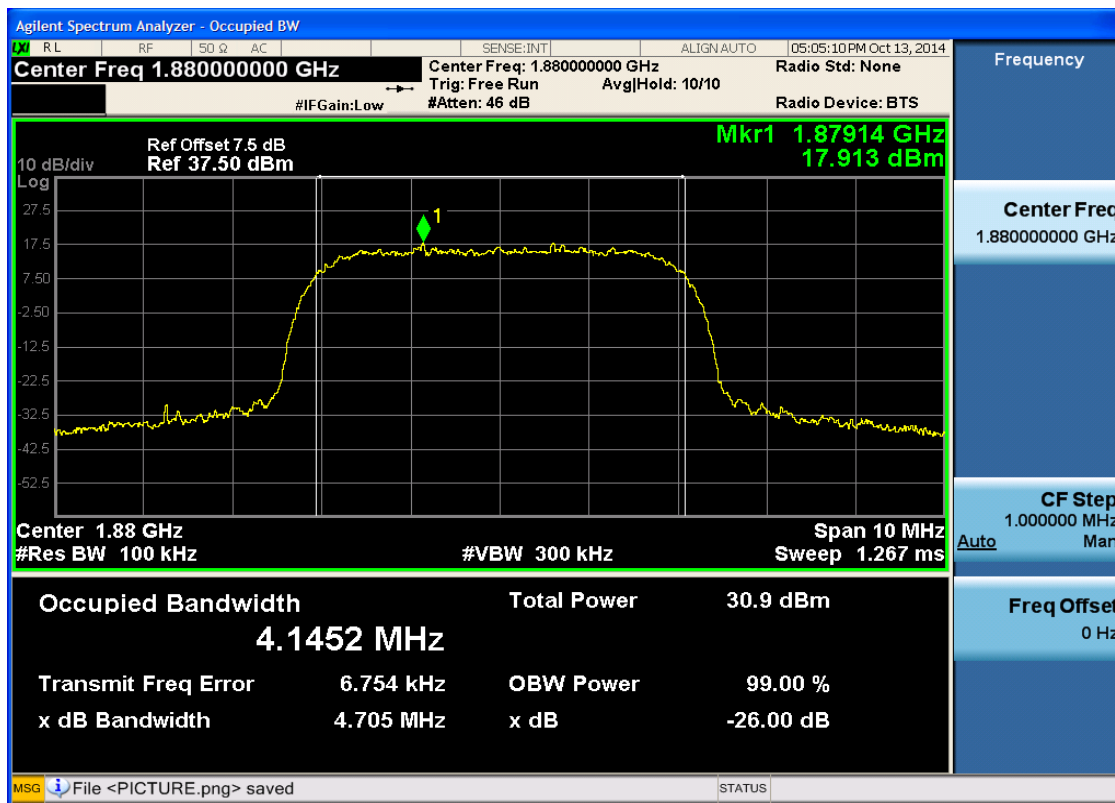
4.2.2.1 Test Mode = UMTS/TM1

4.2.2.1.1 Test Channel = LCH

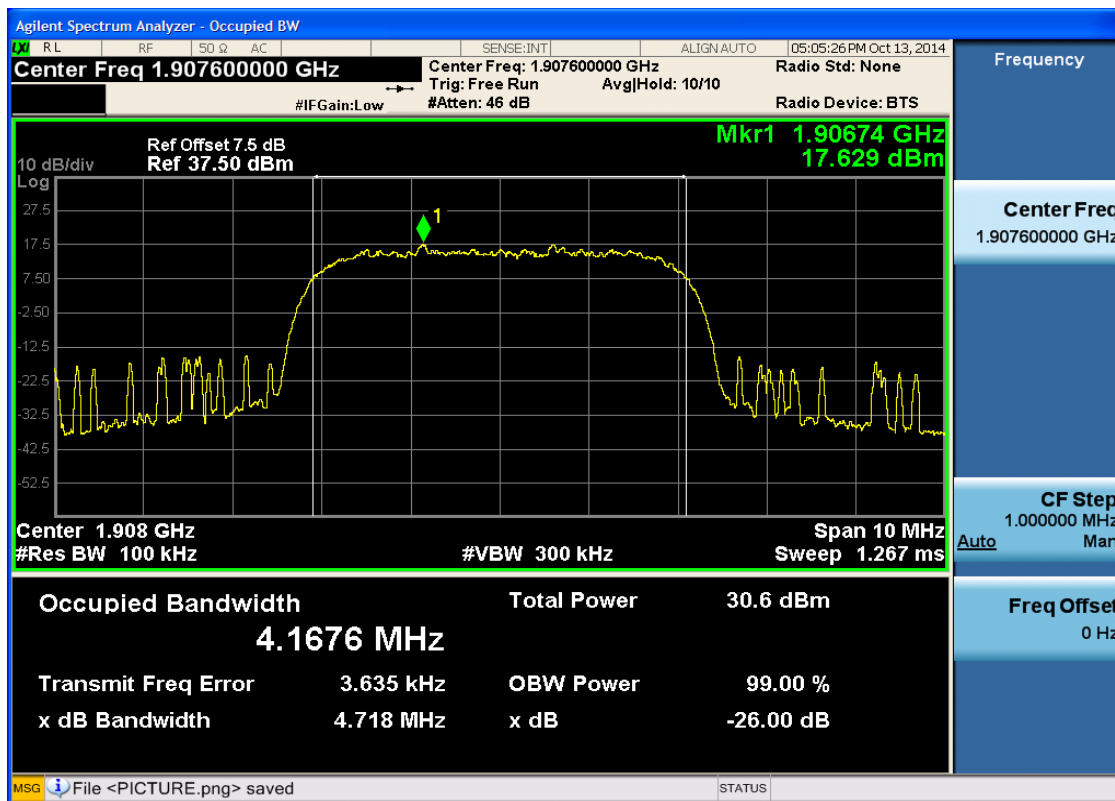




4.2.2.1.2 Test Channel = MCH



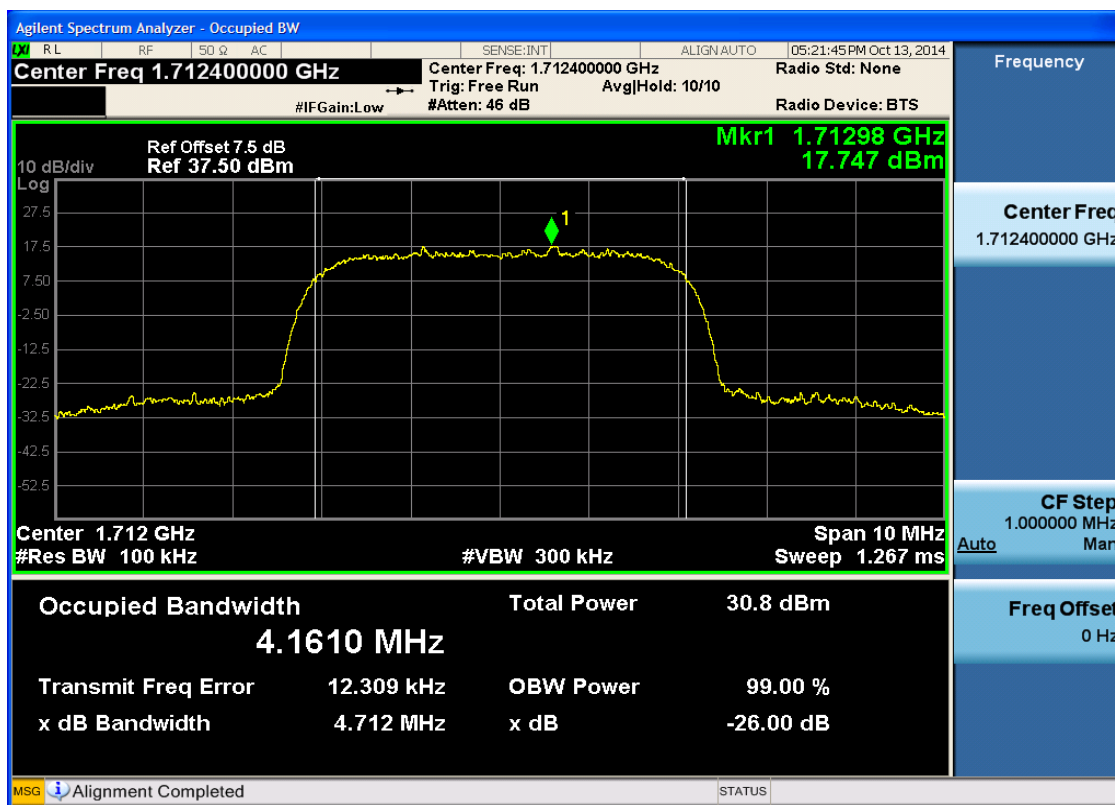
4.2.2.1.3 Test Channel = HCH



4.2.3 Test Band = WCDMA1700

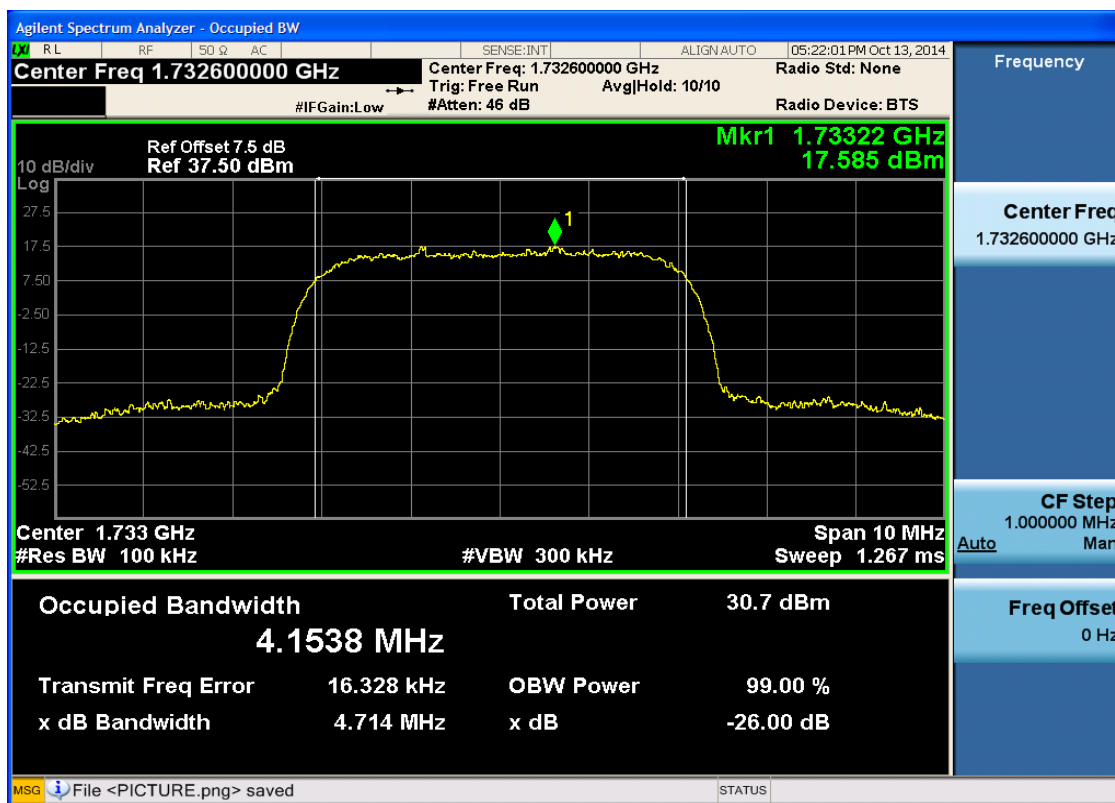
4.2.3.1 Test Mode = UMTS/TM1

4.2.3.1.1 Test Channel = LCH



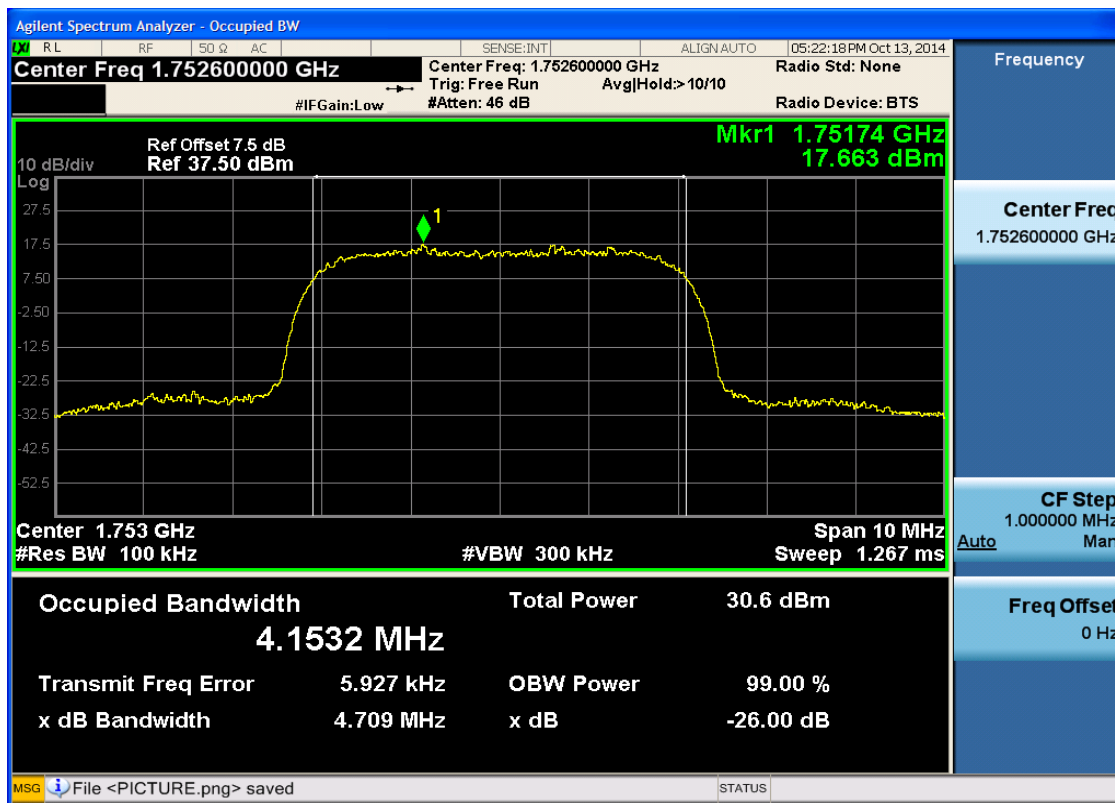


4.2.3.1.2 Test Channel = MCH





4.2.3.1.3 Test Channel = HCH





4.3 For LTE

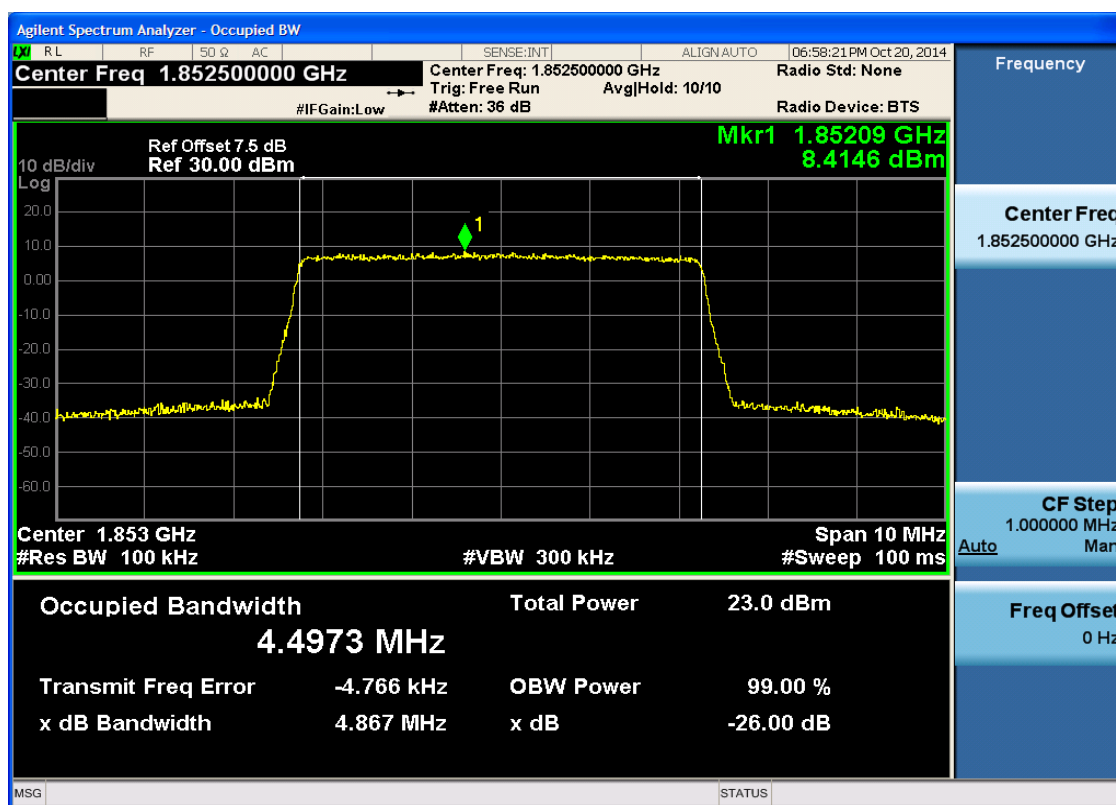
4.3.1 Test Band = BAND2

4.3.1.1 Test Mode = LTE/TM1

4.3.1.1.1 Test Bandwidth = 5

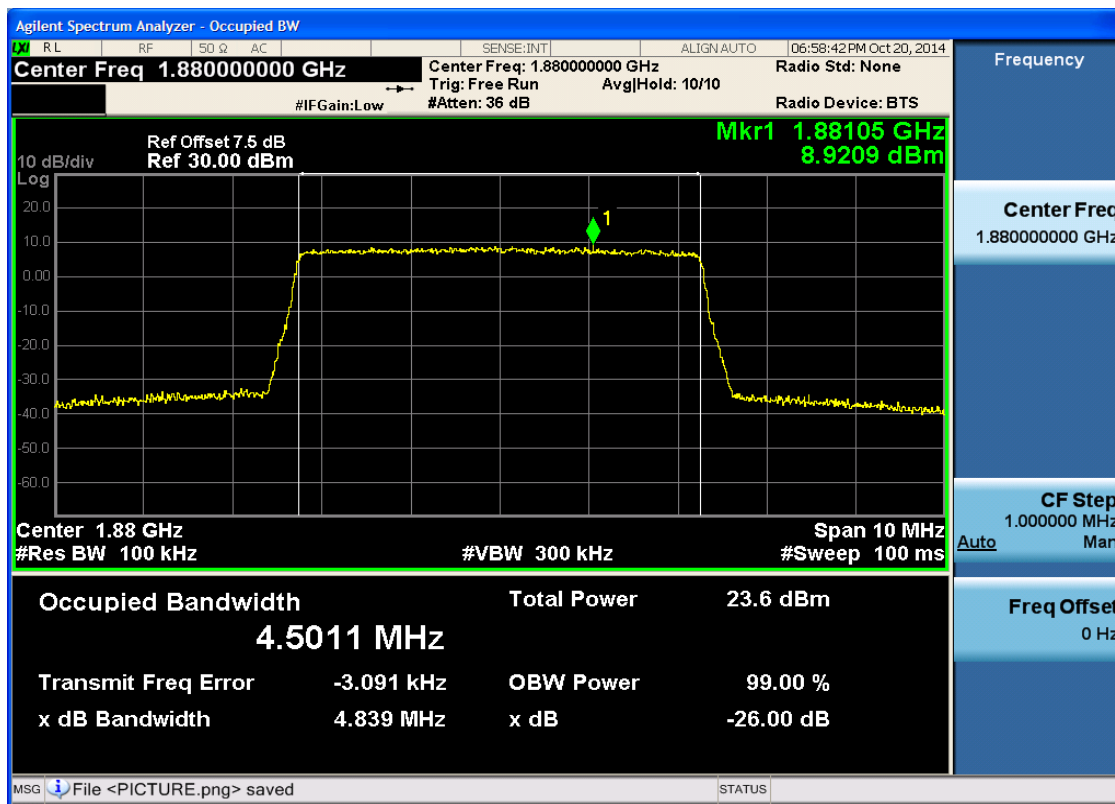
4.3.1.1.1.1 Test Channel = LCH

4.3.1.1.1.1.1 Test RB = RB25#0



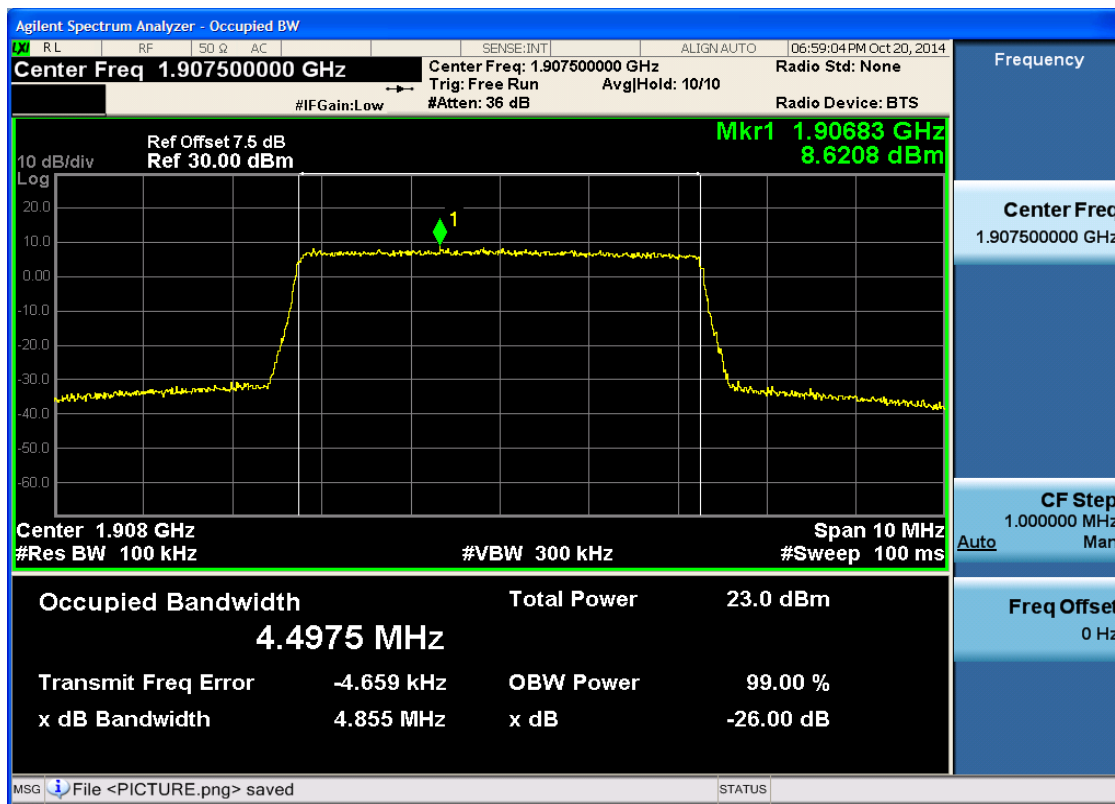
4.3.1.1.1.2 Test Channel = MCH

4.3.1.1.1.2.1 Test RB = RB25#0



4.3.1.1.1.3 Test Channel = HCH

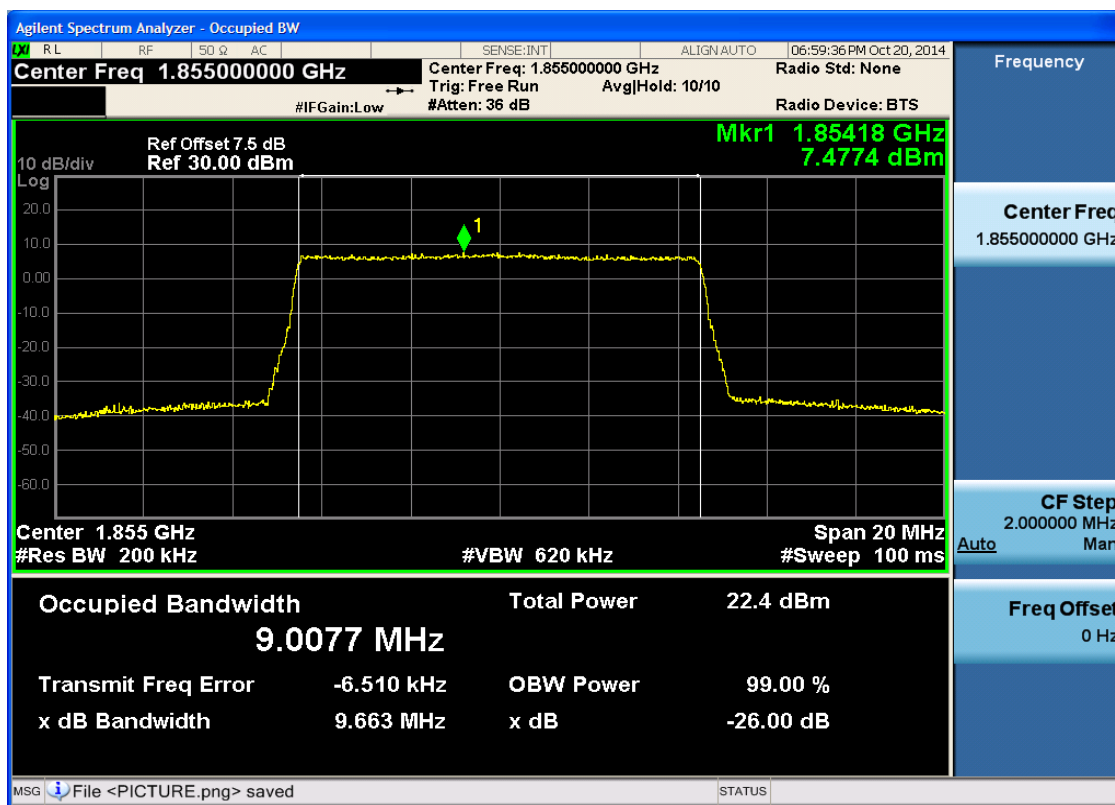
4.3.1.1.1.3.1 Test RB = RB25#0



4.3.1.1.2 Test Bandwidth = 10

4.3.1.1.2.1 Test Channel = LCH

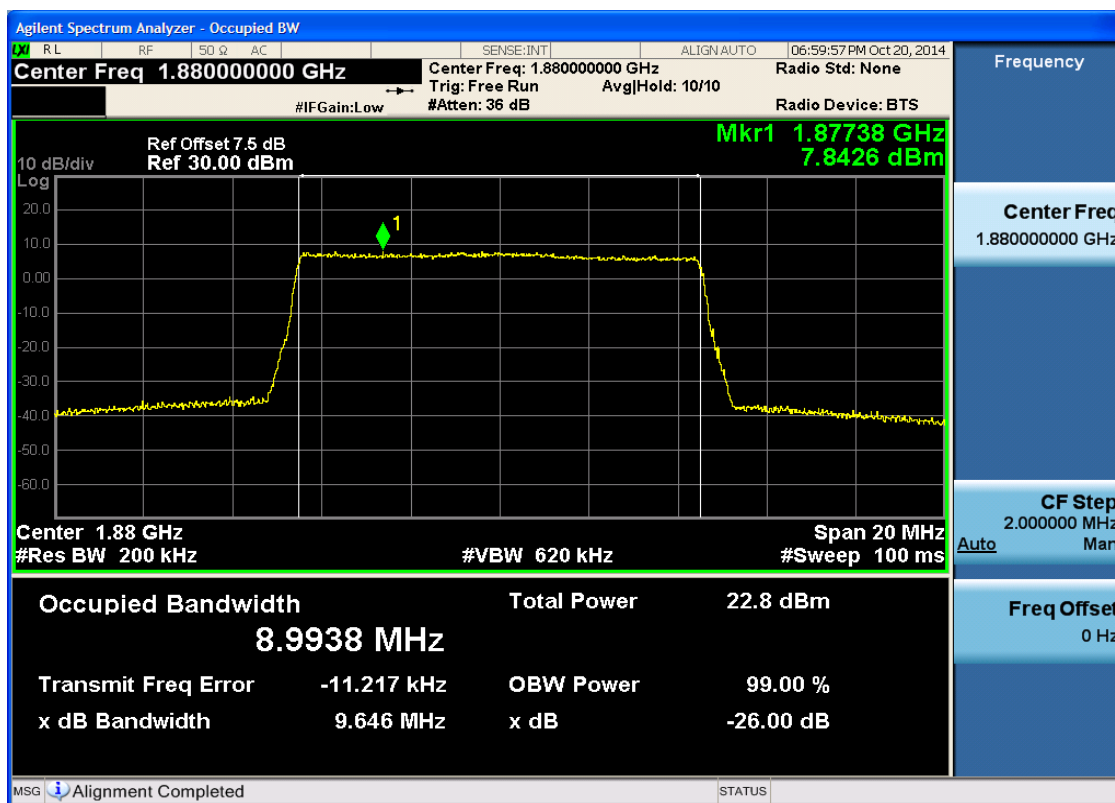
4.3.1.1.2.1.1 Test RB = RB50#0





4.3.1.1.2.2 Test Channel = MCH

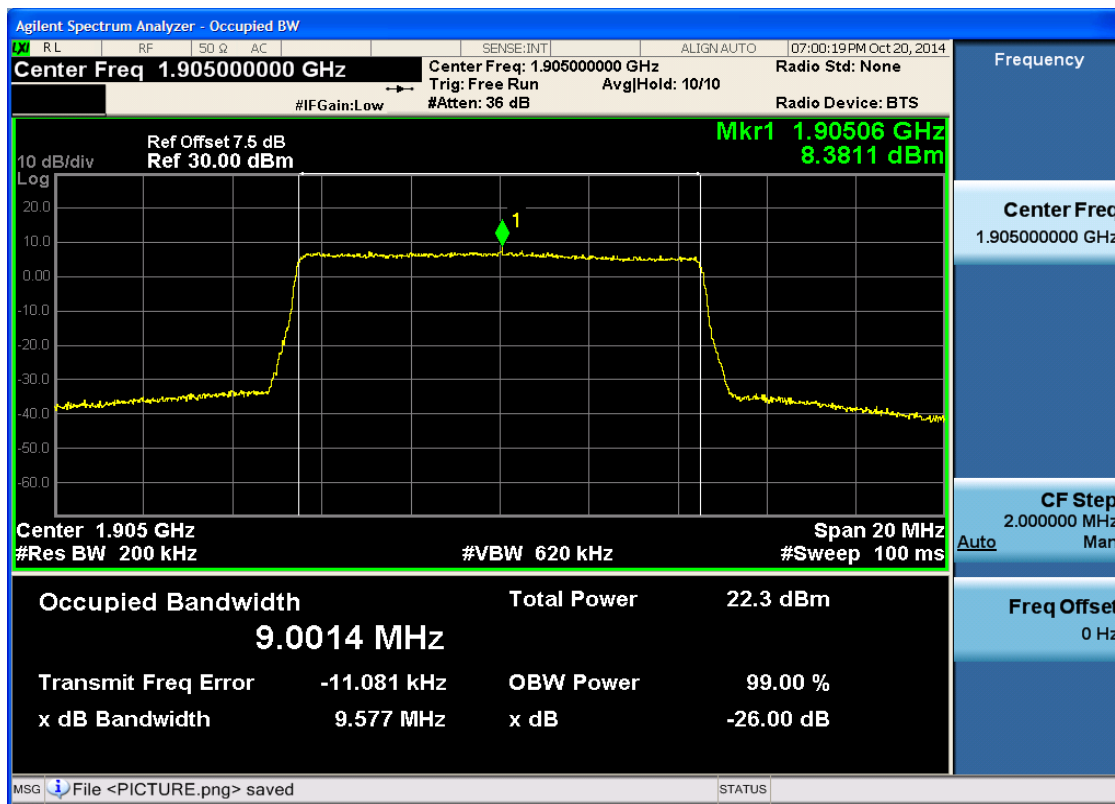
4.3.1.1.2.2.1 Test RB = RB50#0





4.3.1.1.2.3 Test Channel = HCH

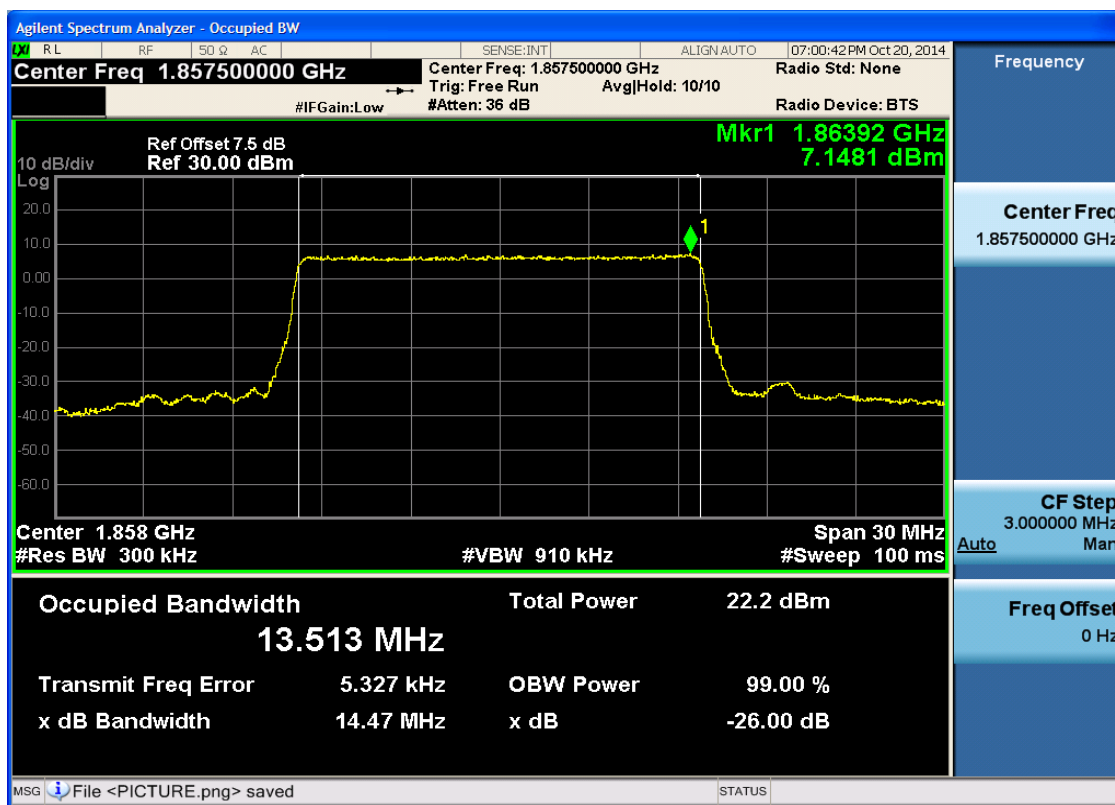
4.3.1.1.2.3.1 Test RB = RB50#0



4.3.1.1.3 Test Bandwidth = 15

4.3.1.1.3.1 Test Channel = LCH

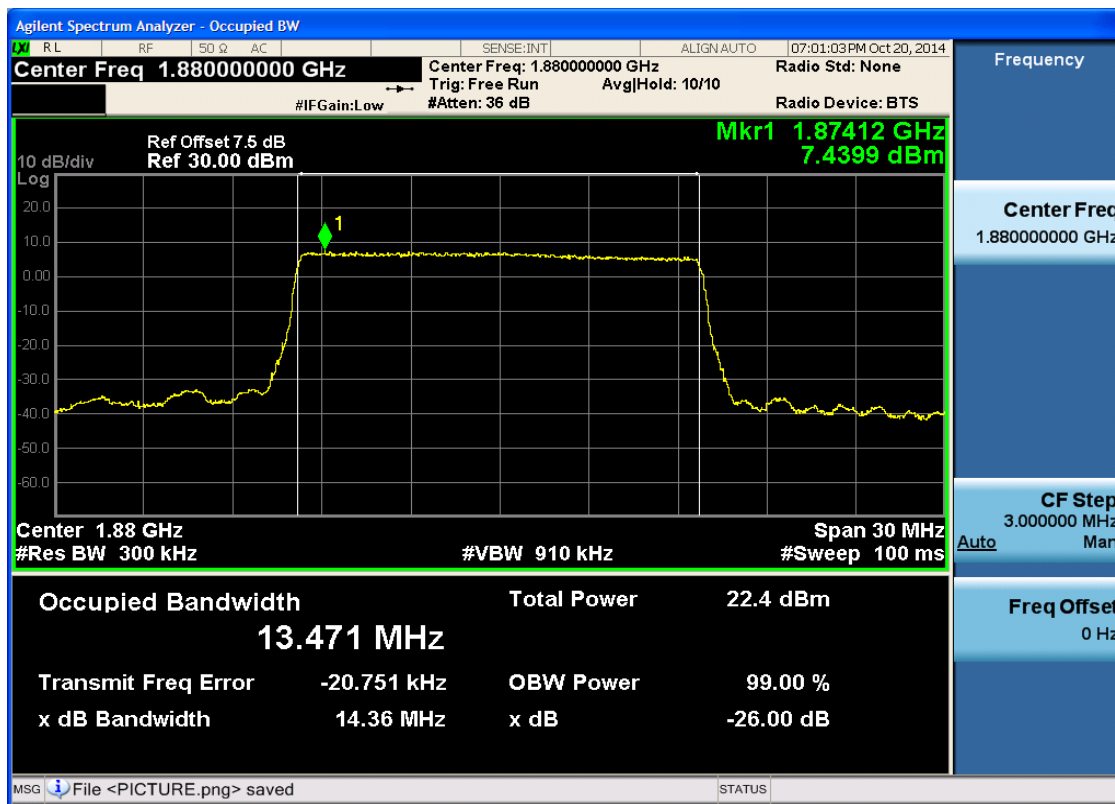
4.3.1.1.3.1.1 Test RB = RB75#0





4.3.1.1.3.2 Test Channel = MCH

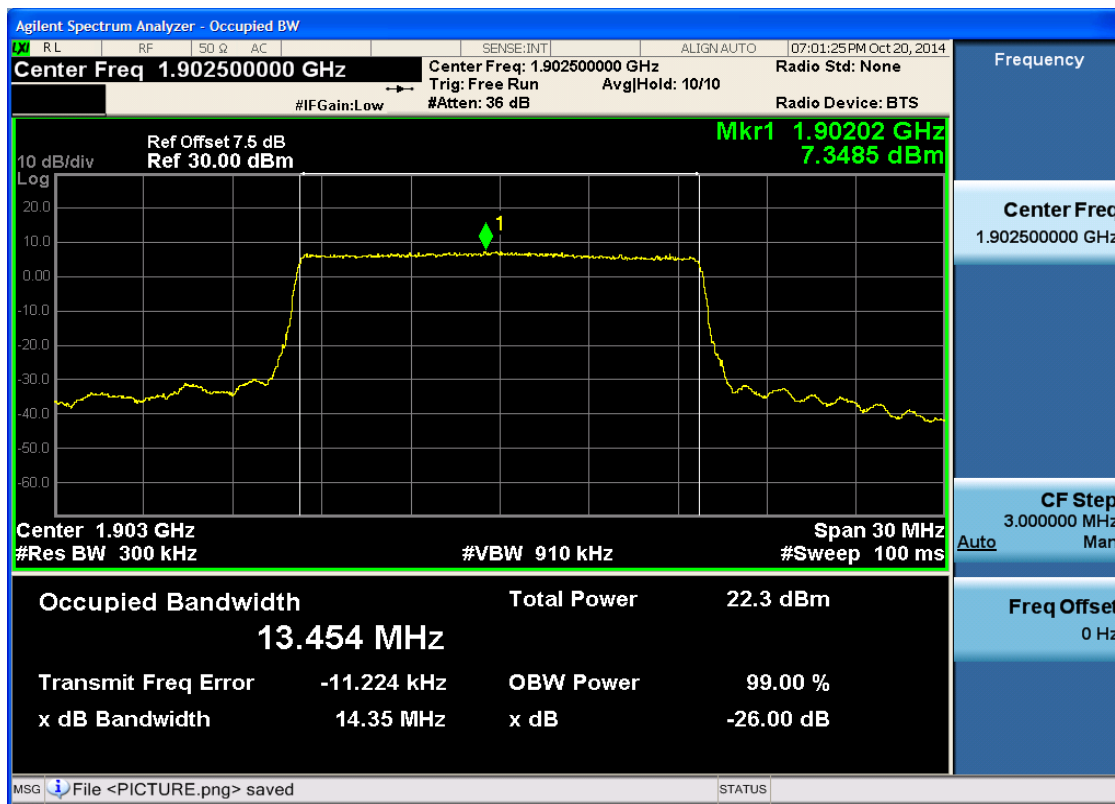
4.3.1.1.3.2.1 Test RB = RB75#0





4.3.1.1.3.3 Test Channel = HCH

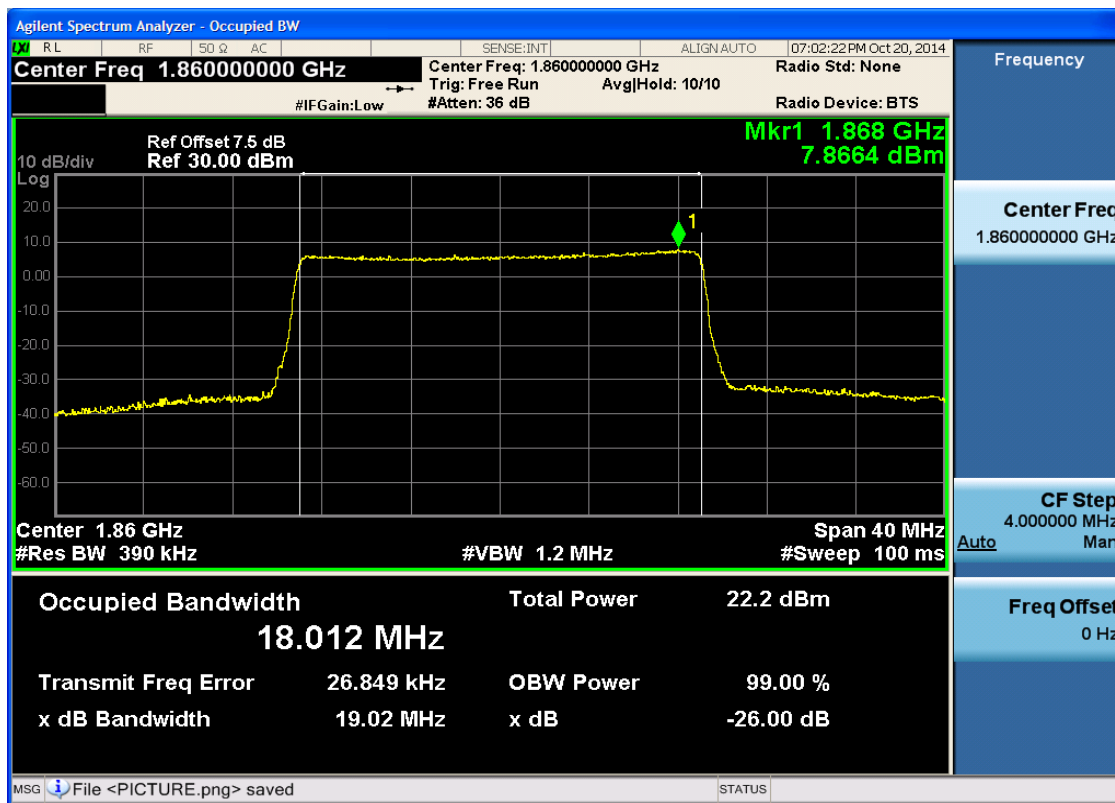
4.3.1.1.3.3.1 Test RB = RB75#0



4.3.1.1.4 Test Bandwidth = 20

4.3.1.1.4.1 Test Channel = LCH

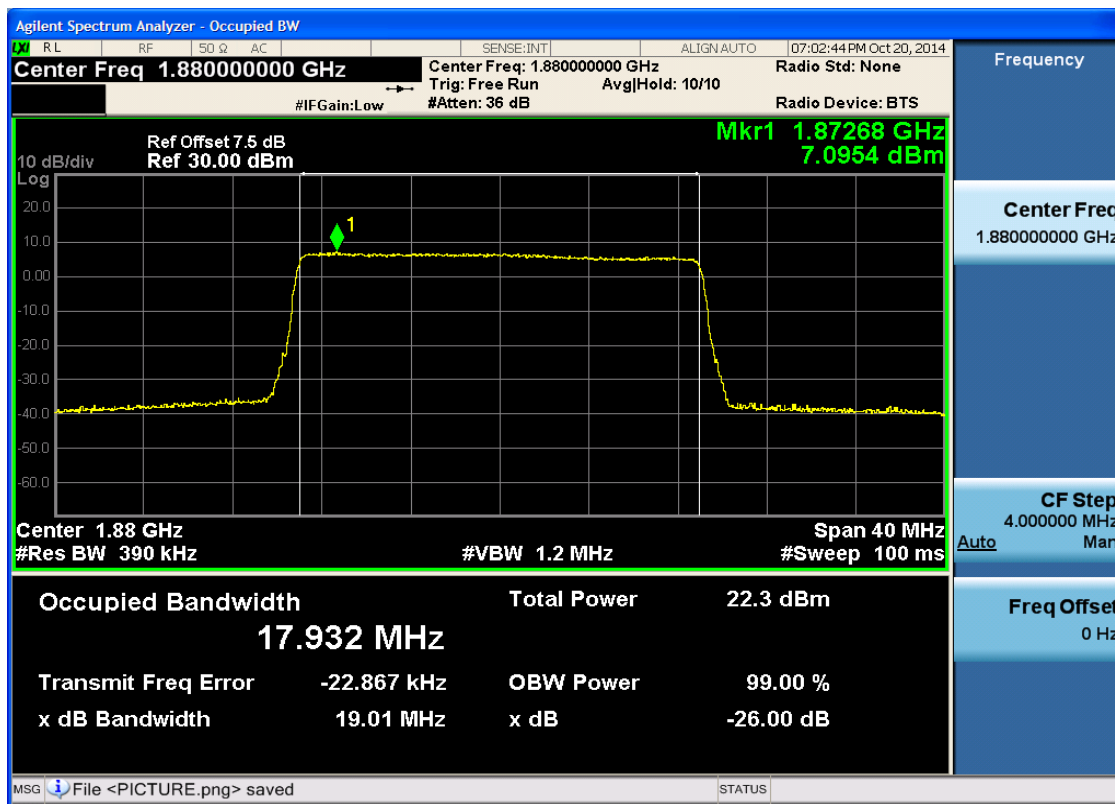
4.3.1.1.4.1.1 Test RB = RB100#0





4.3.1.1.4.2 Test Channel = MCH

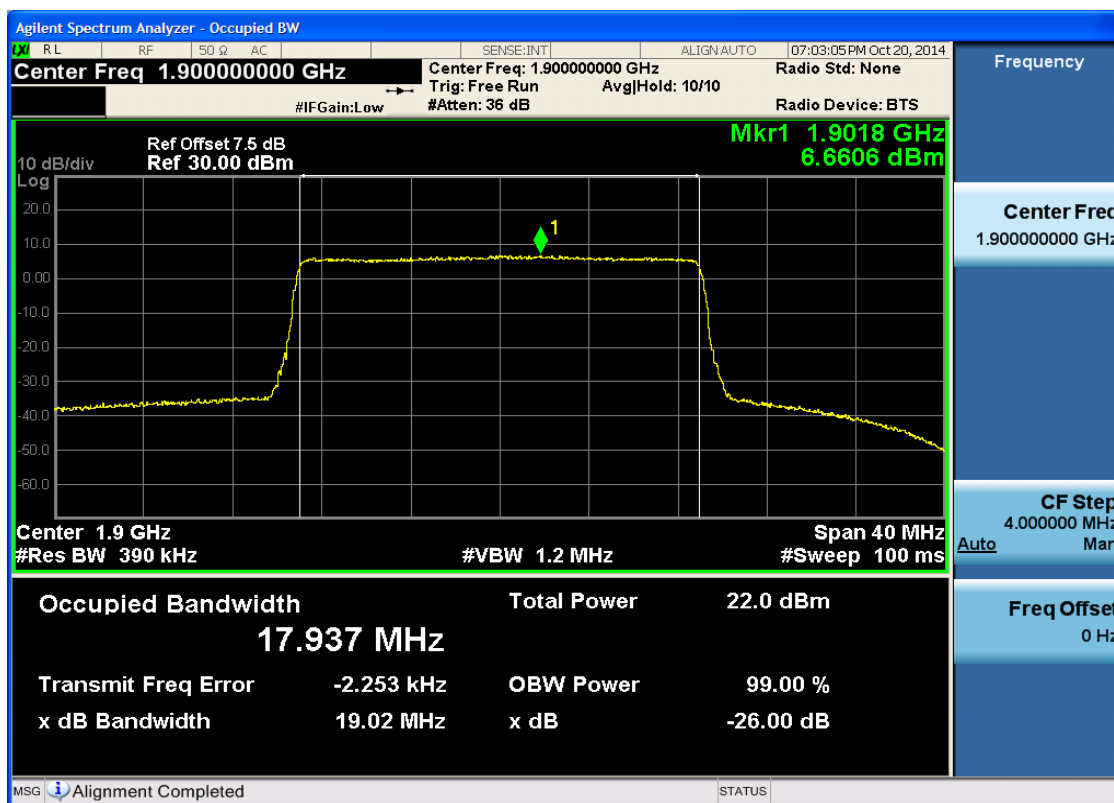
4.3.1.1.4.2.1 Test RB = RB100#0





4.3.1.1.4.3 Test Channel = HCH

4.3.1.1.4.3.1 Test RB = RB100#0

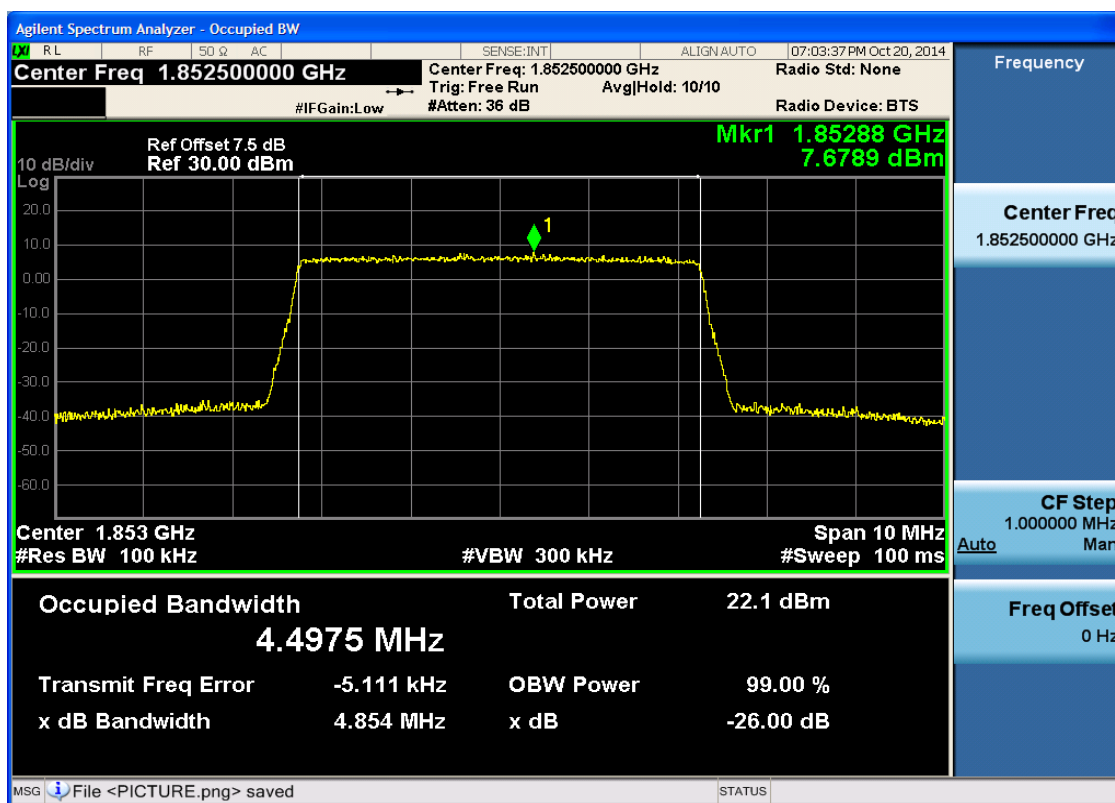


4.3.1.2 Test Mode = LTE/TM2

4.3.1.2.1 Test Bandwidth = 5

4.3.1.2.1.1 Test Channel = LCH

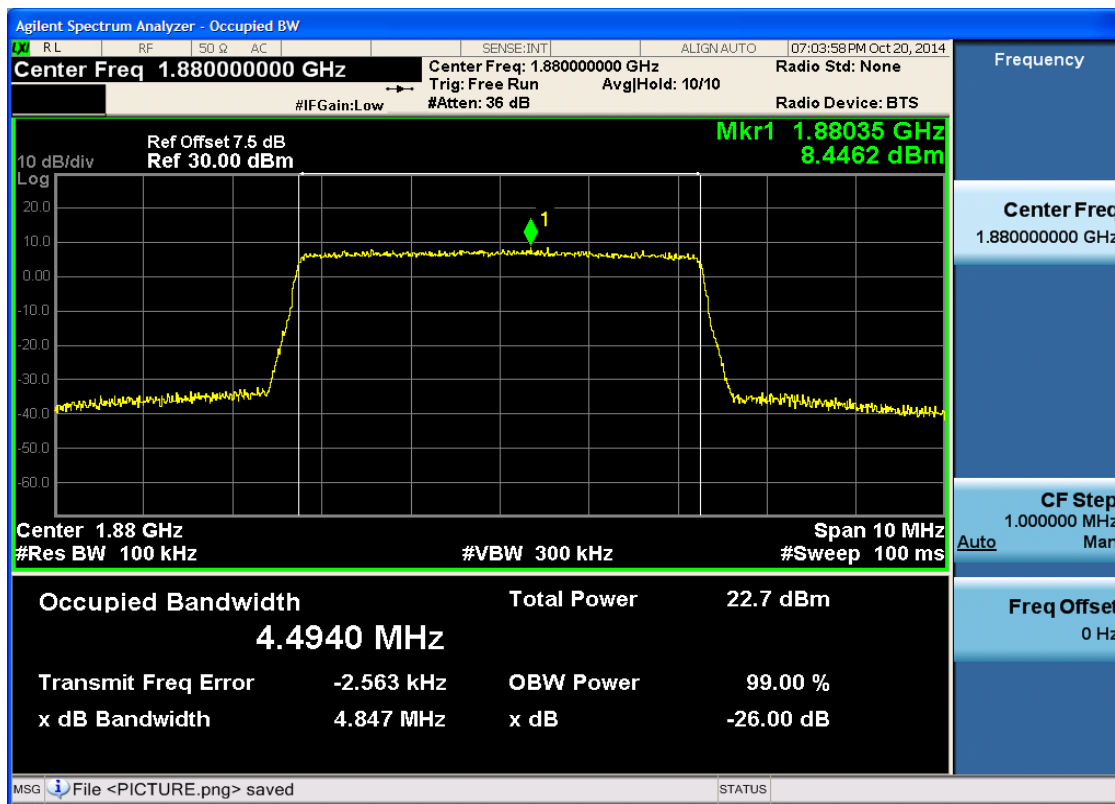
4.3.1.2.1.1.1 Test RB = RB25#0





4.3.1.2.1.2 Test Channel = MCH

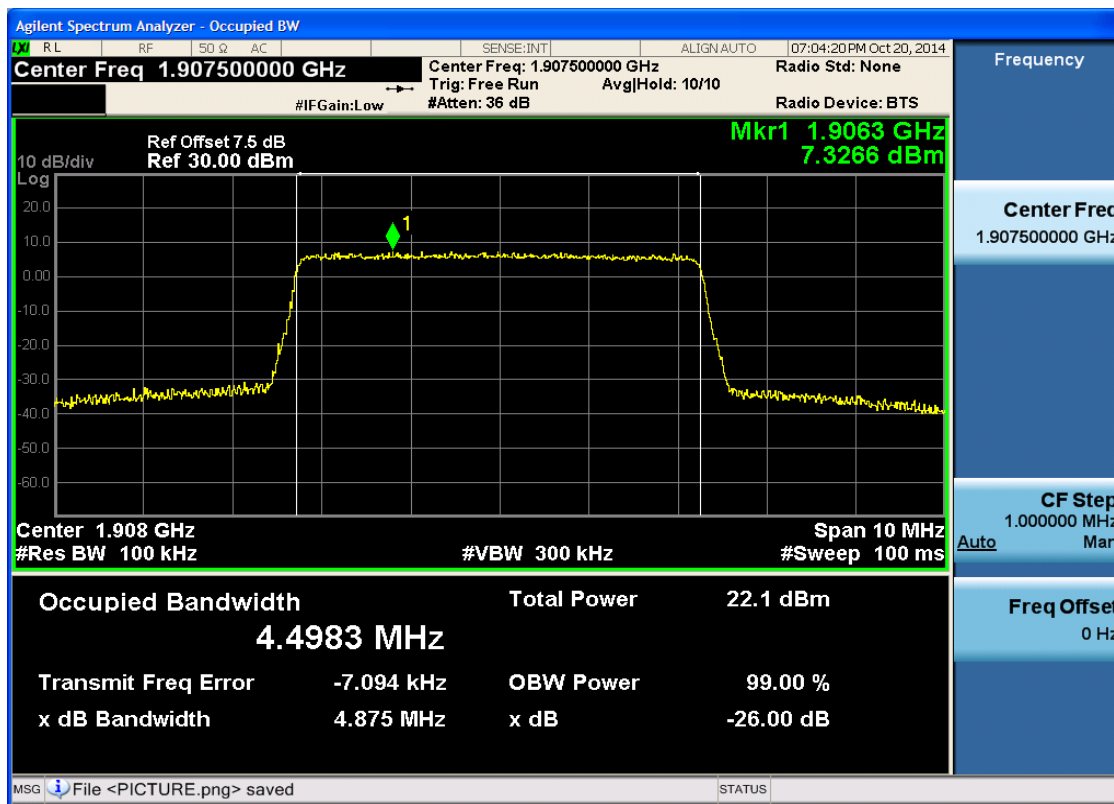
4.3.1.2.1.2.1 Test RB = RB25#0





4.3.1.2.1.3 Test Channel = HCH

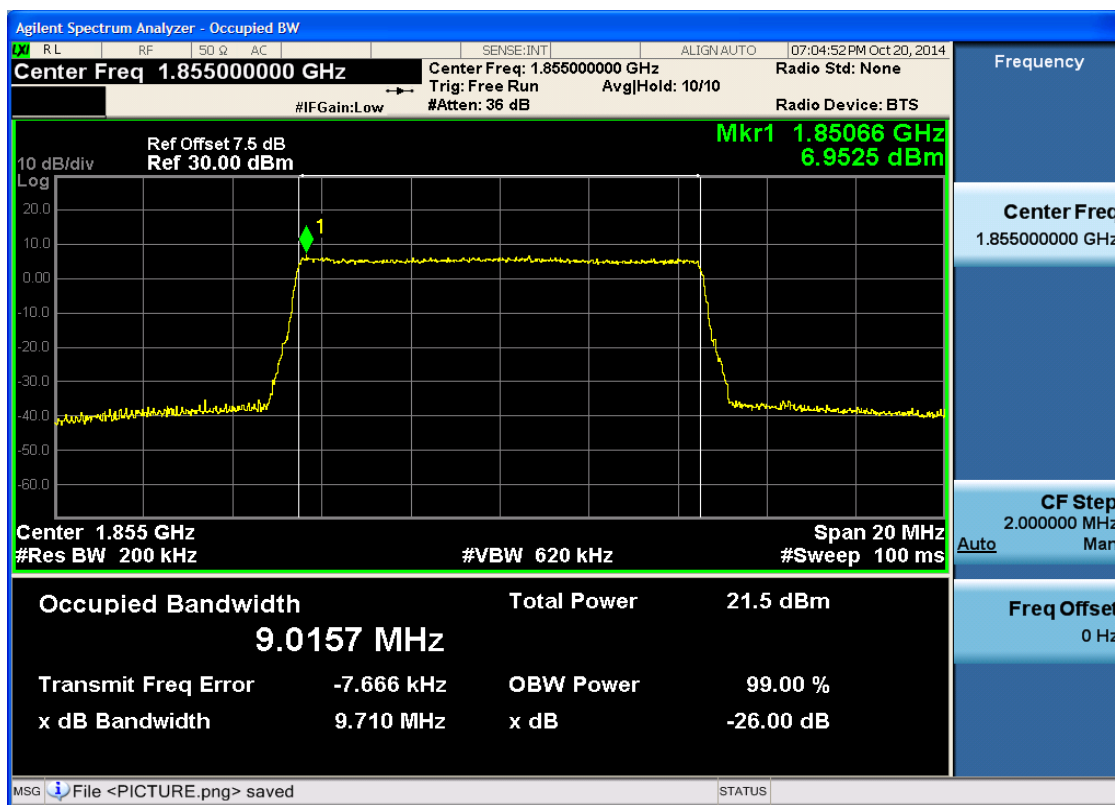
4.3.1.2.1.3.1 Test RB = RB25#0



4.3.1.2.2 Test Bandwidth = 10

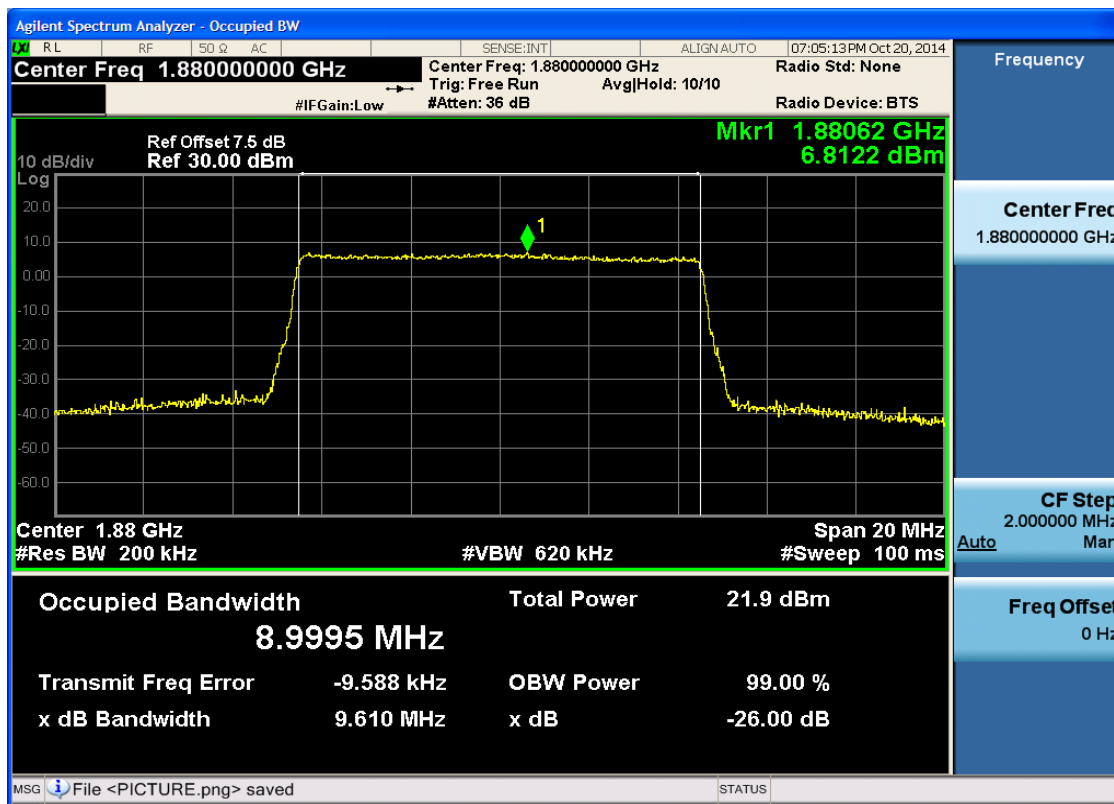
4.3.1.2.2.1 Test Channel = LCH

4.3.1.2.2.1.1 Test RB = RB50#0



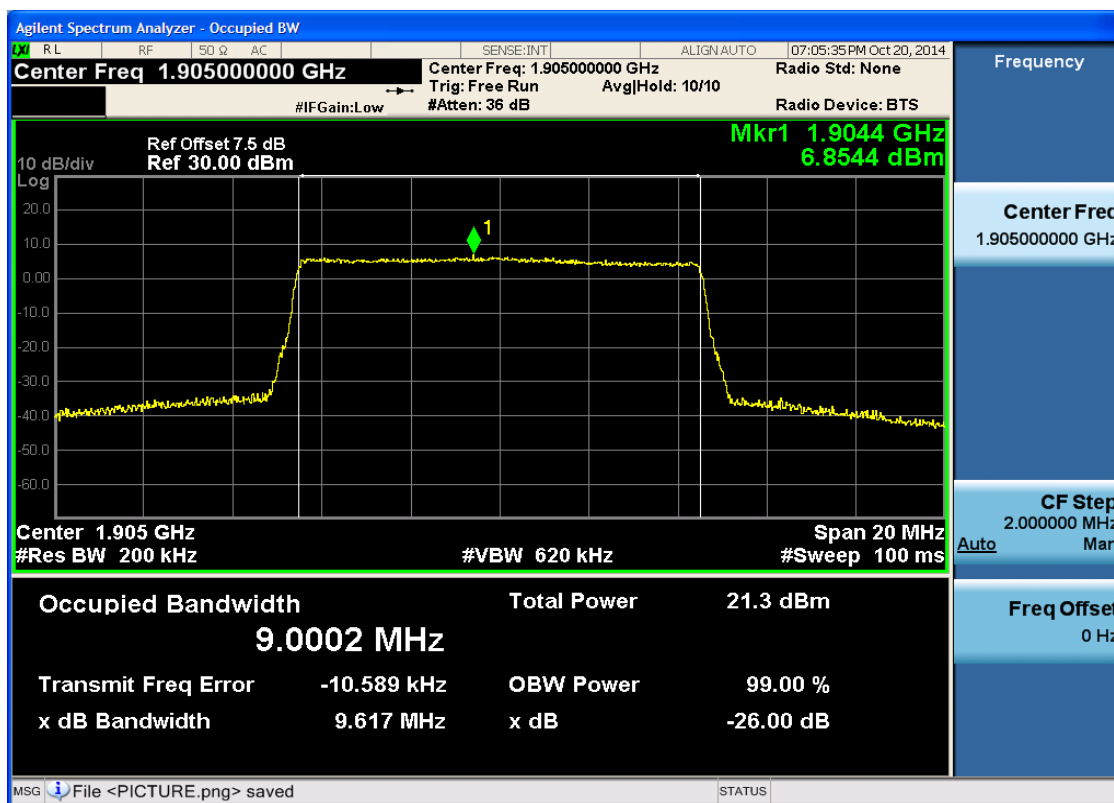
4.3.1.2.2.2 Test Channel = MCH

4.3.1.2.2.1 Test RB = RB50#0



4.3.1.2.2.3 Test Channel = HCH

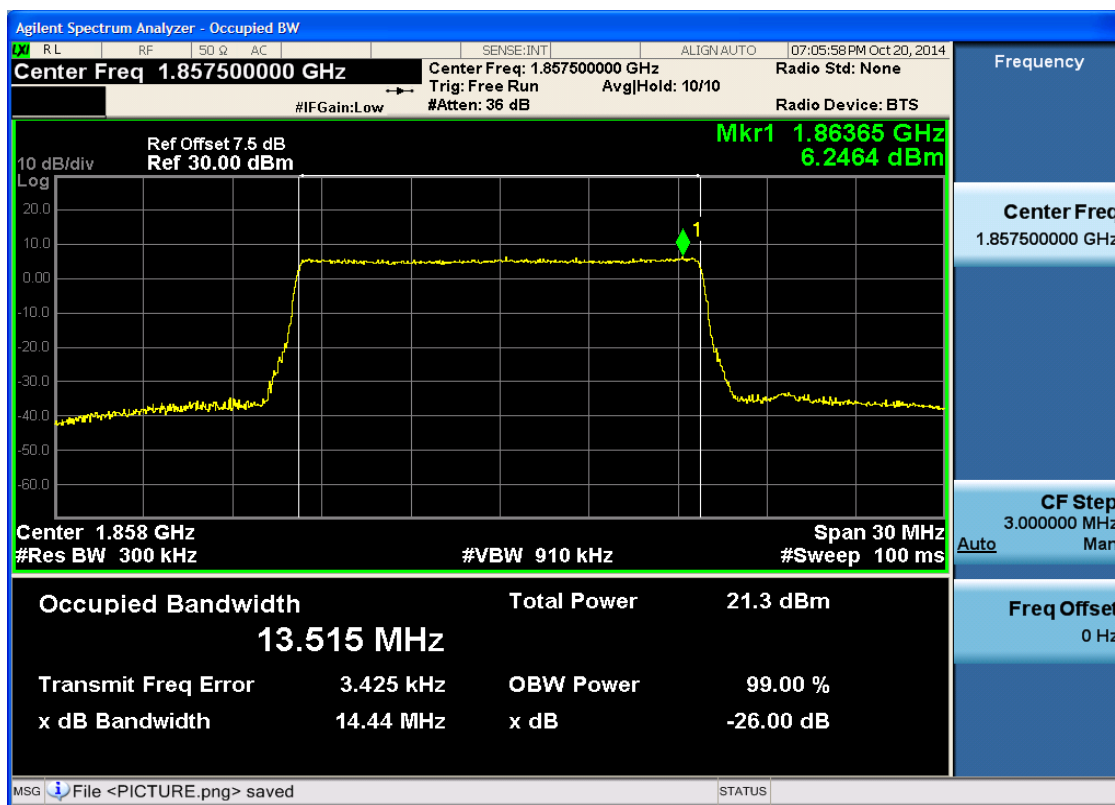
4.3.1.2.2.3.1 Test RB = RB50#0



4.3.1.2.3 Test Bandwidth = 15

4.3.1.2.3.1 Test Channel = LCH

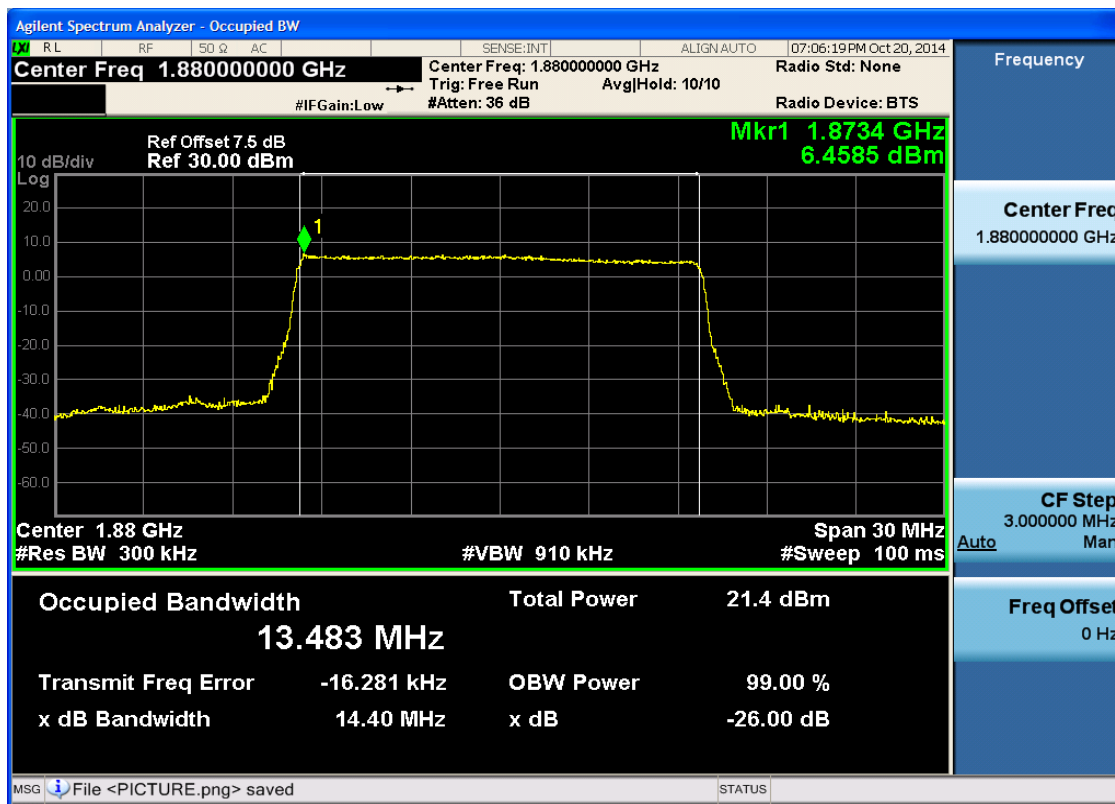
4.3.1.2.3.1.1 Test RB = RB75#0





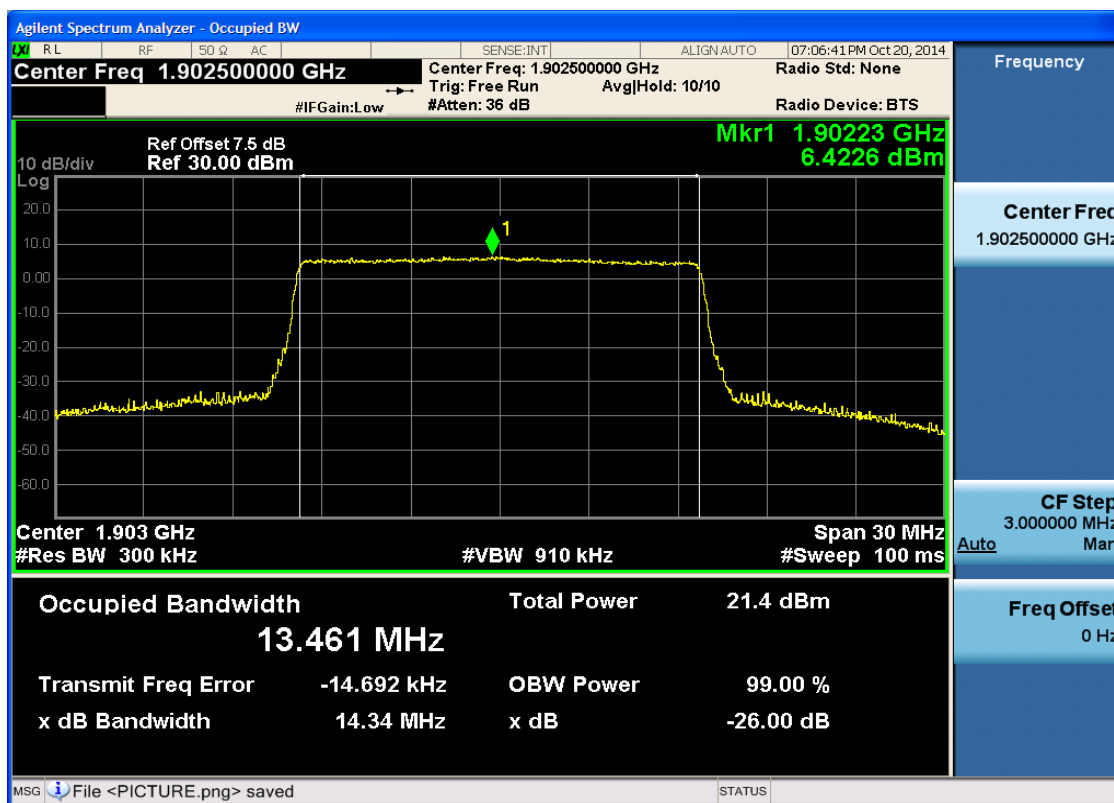
4.3.1.2.3.2 Test Channel = MCH

4.3.1.2.3.2.1 Test RB = RB75#0



4.3.1.2.3.3 Test Channel = HCH

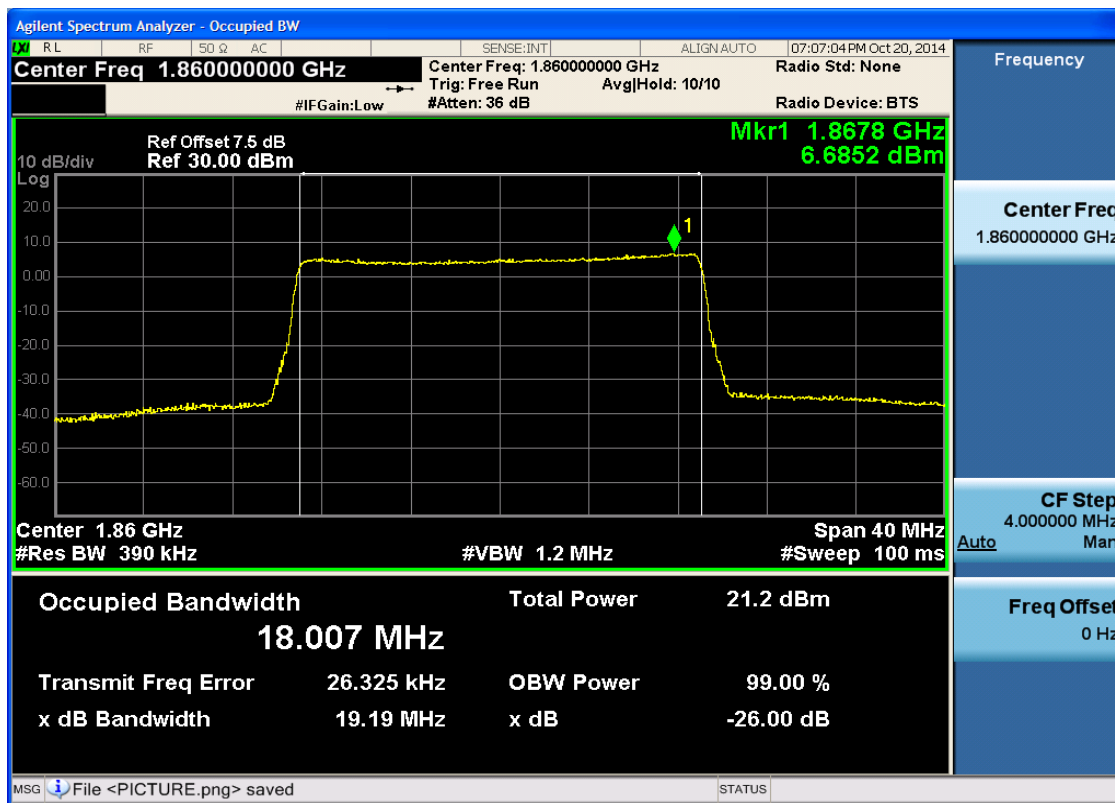
4.3.1.2.3.3.1 Test RB = RB75#0



4.3.1.2.4 Test Bandwidth = 20

4.3.1.2.4.1 Test Channel = LCH

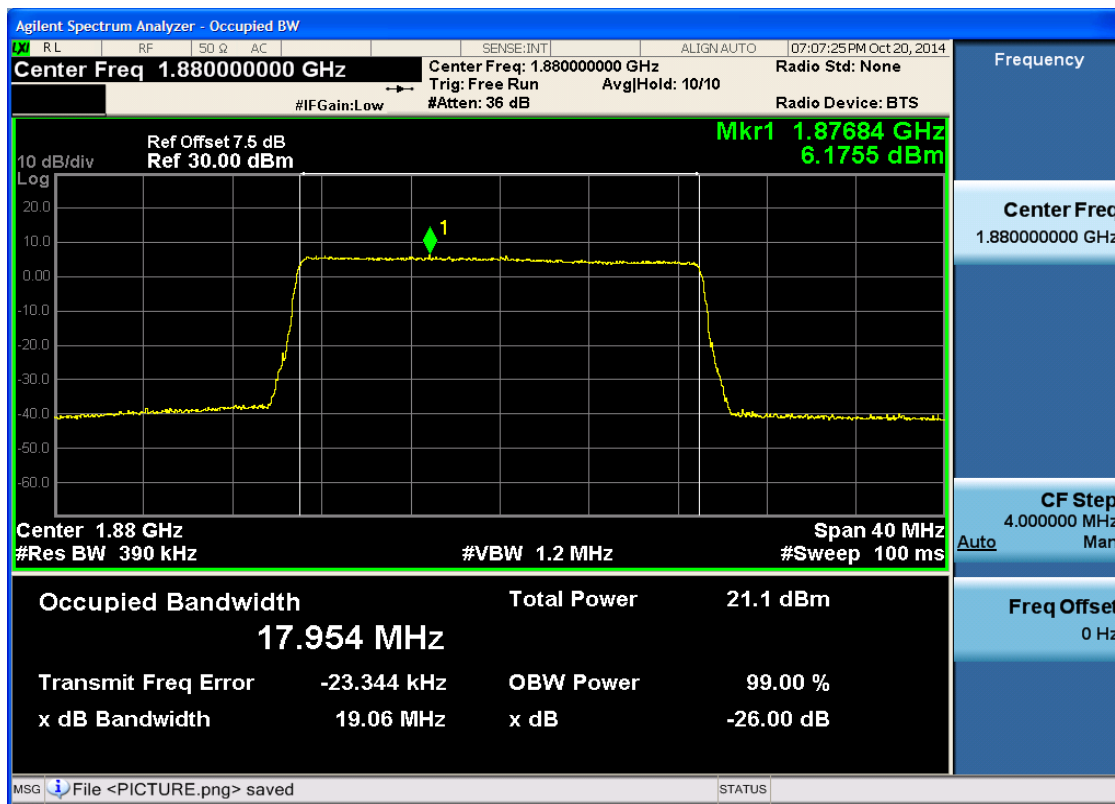
4.3.1.2.4.1.1 Test RB = RB100#0





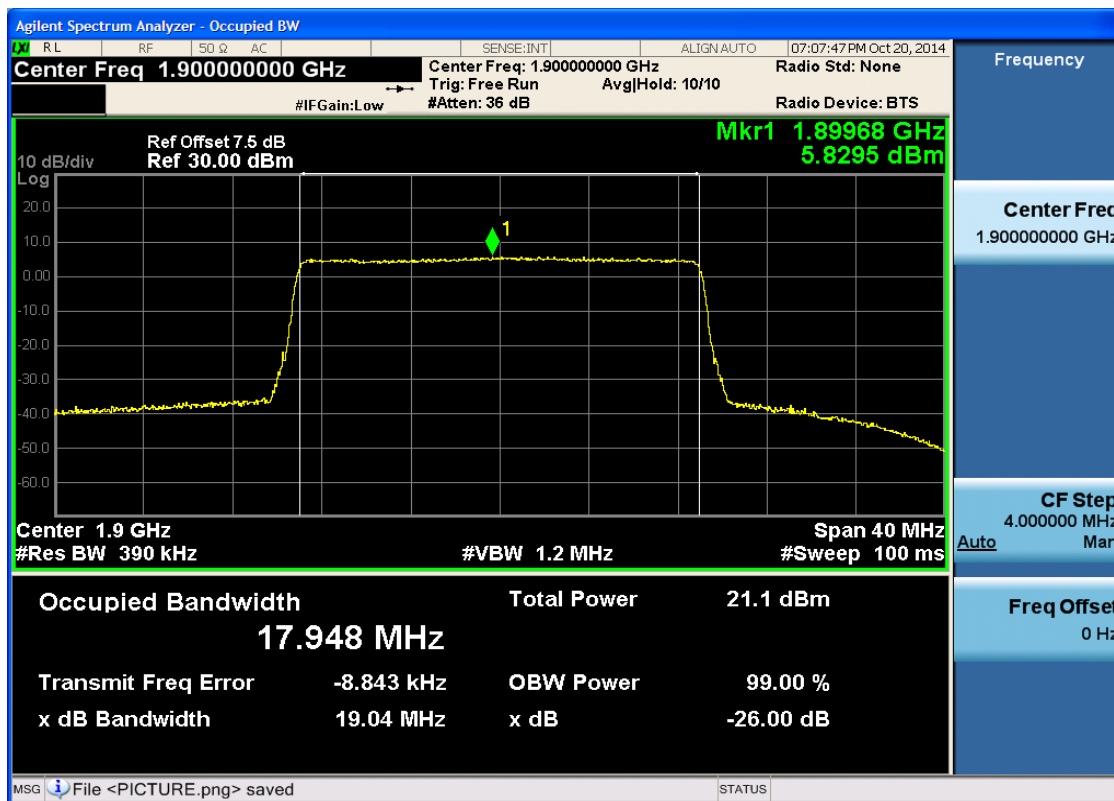
4.3.1.2.4.2 Test Channel = MCH

4.3.1.2.4.2.1 Test RB = RB100#0



4.3.1.2.4.3 Test Channel = HCH

4.3.1.2.4.3.1 Test RB = RB100#0



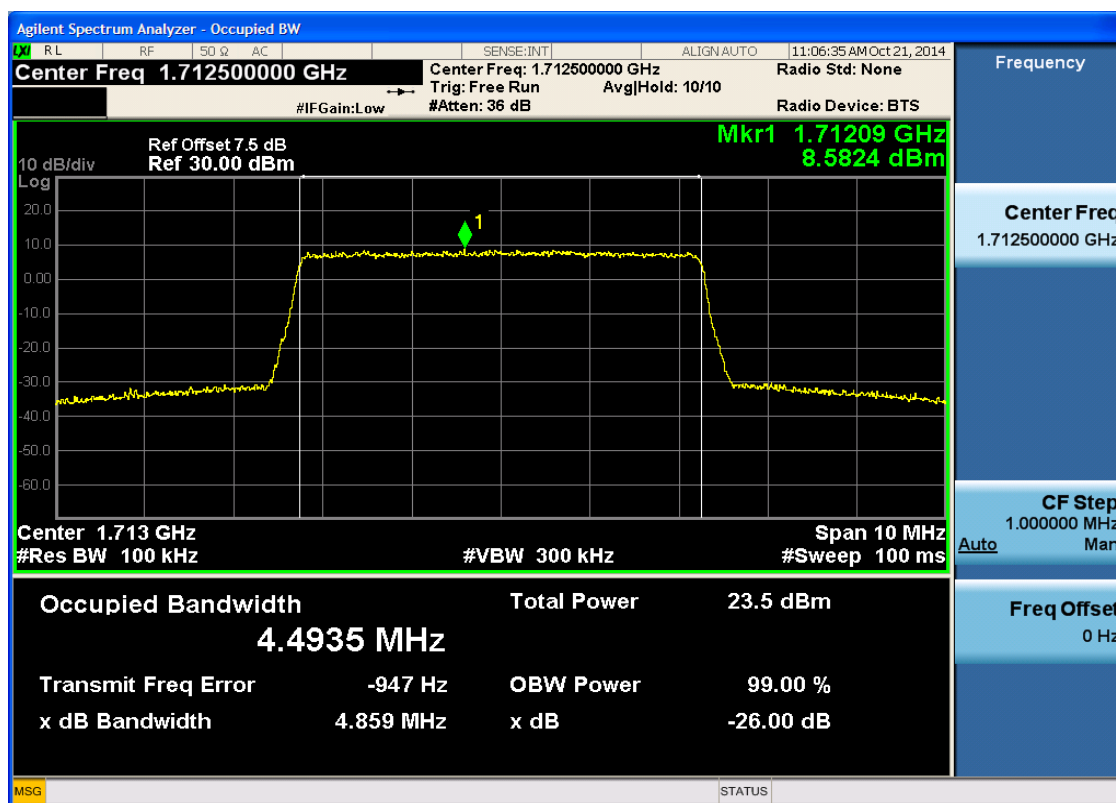
4.3.2 Test Band = BAND4

4.3.2.1 Test Mode = LTE/TM1

4.3.2.1.1 Test Bandwidth = 5

4.3.2.1.1.1 Test Channel = LCH

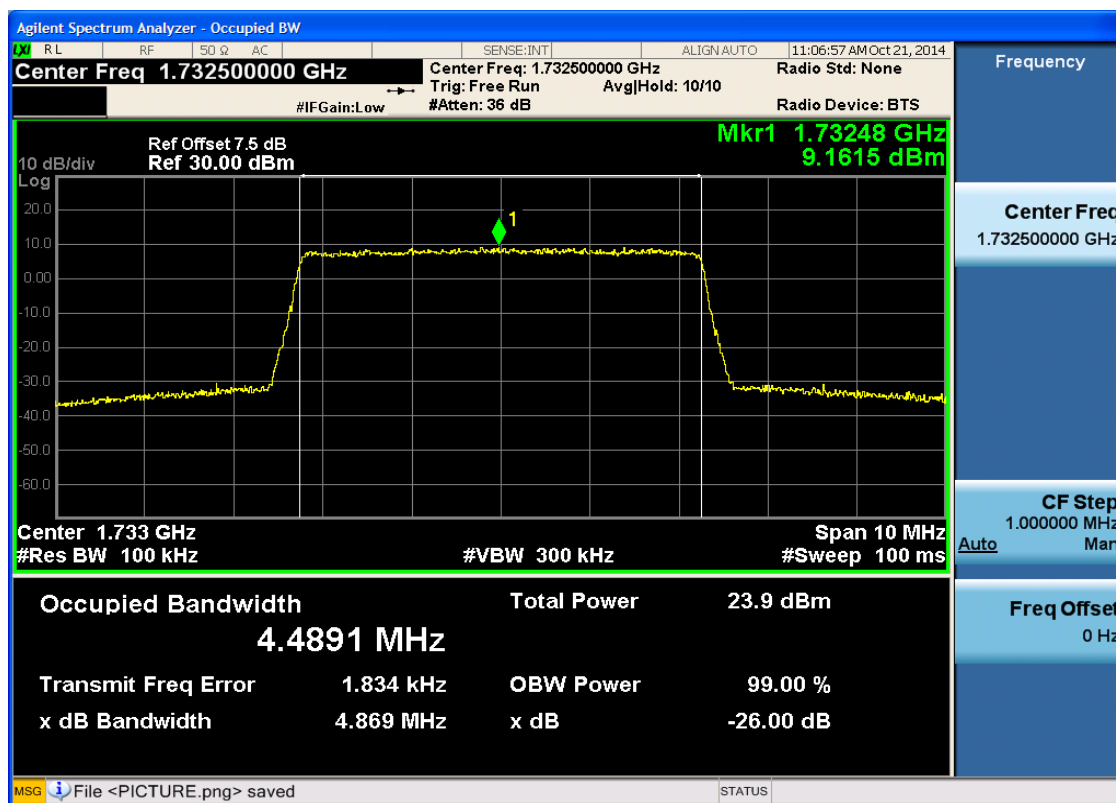
4.3.2.1.1.1.1 Test RB = RB25#0





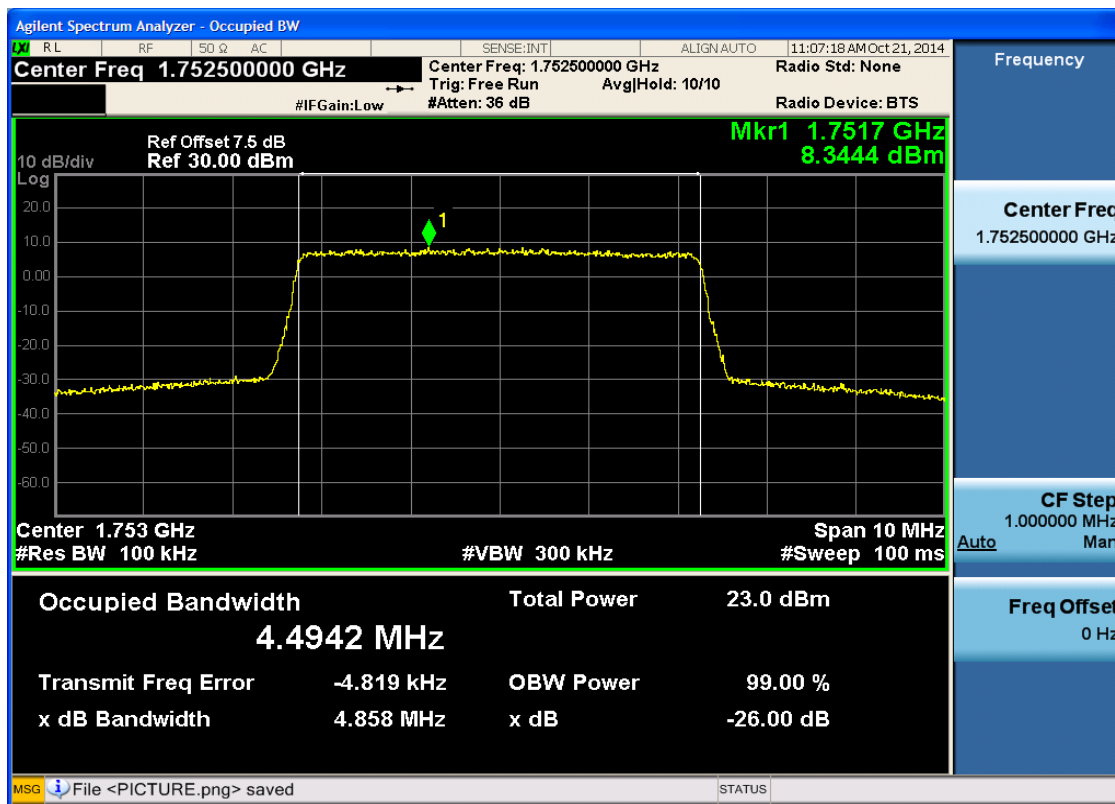
4.3.2.1.1.2 Test Channel = MCH

4.3.2.1.1.2.1 Test RB = RB25#0



4.3.2.1.1.3 Test Channel = HCH

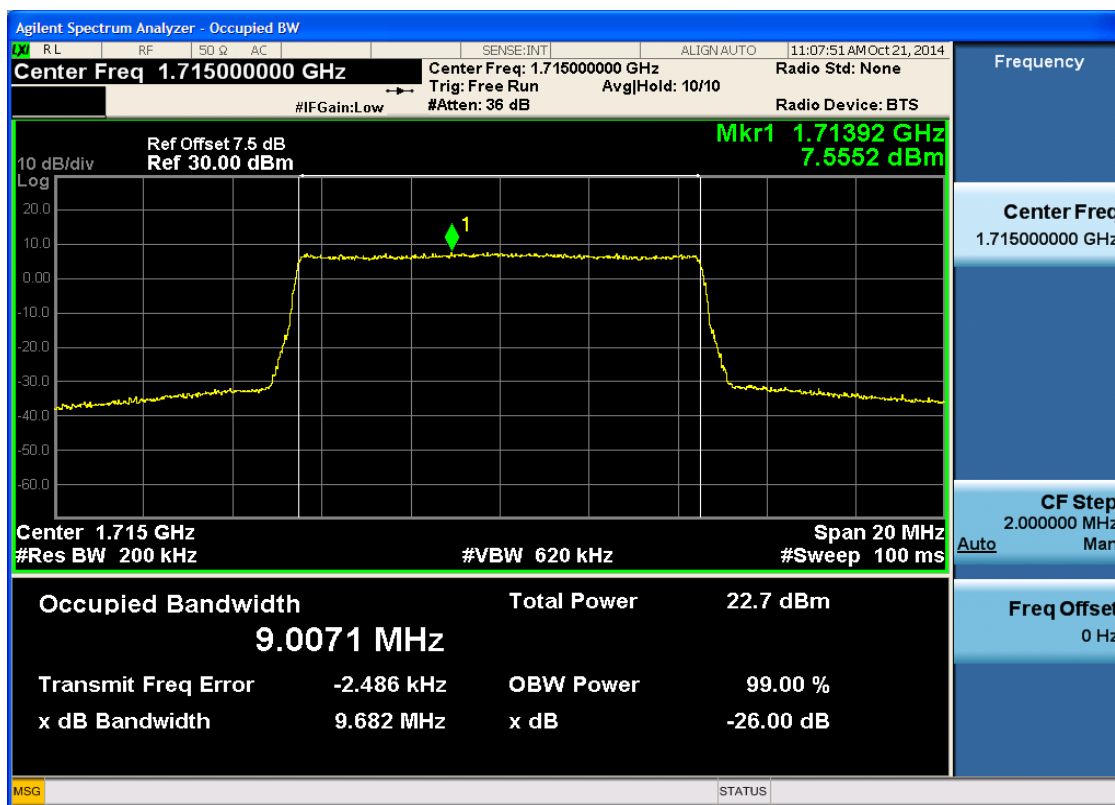
4.3.2.1.1.3.1 Test RB = RB25#0



4.3.2.1.2 Test Bandwidth = 10

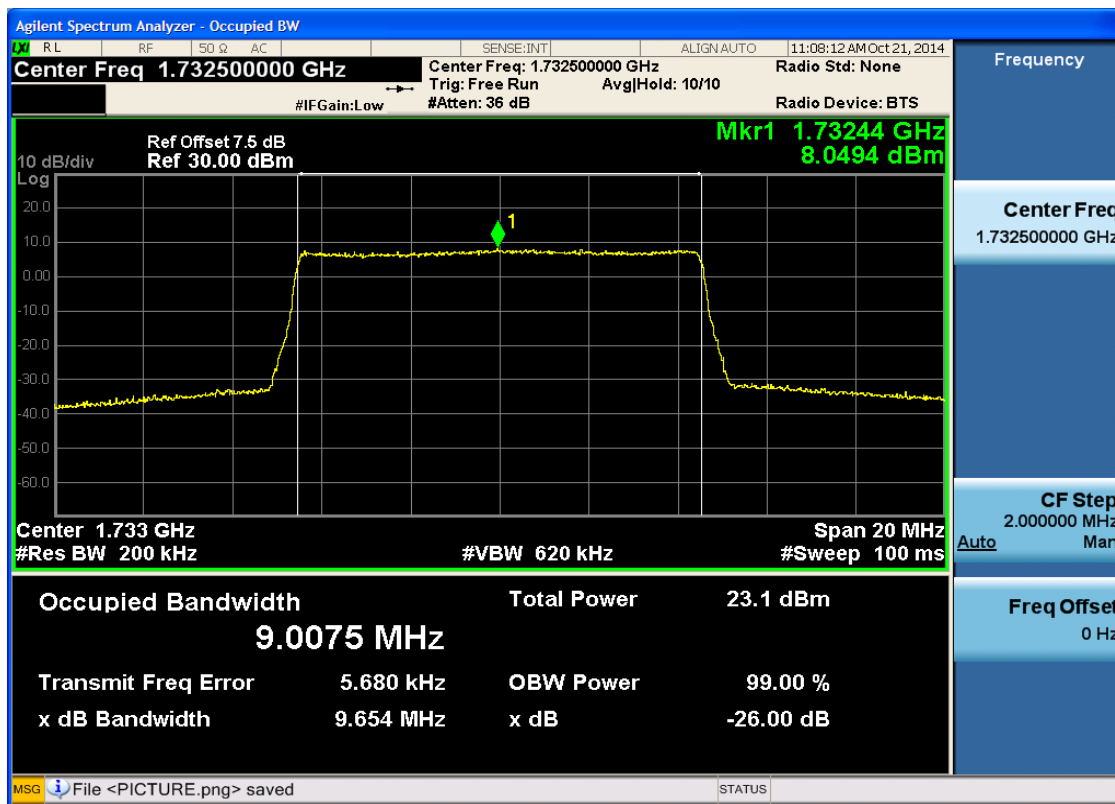
4.3.2.1.2.1 Test Channel = LCH

4.3.2.1.2.1.1 Test RB = RB50#0



4.3.2.1.2.2 Test Channel = MCH

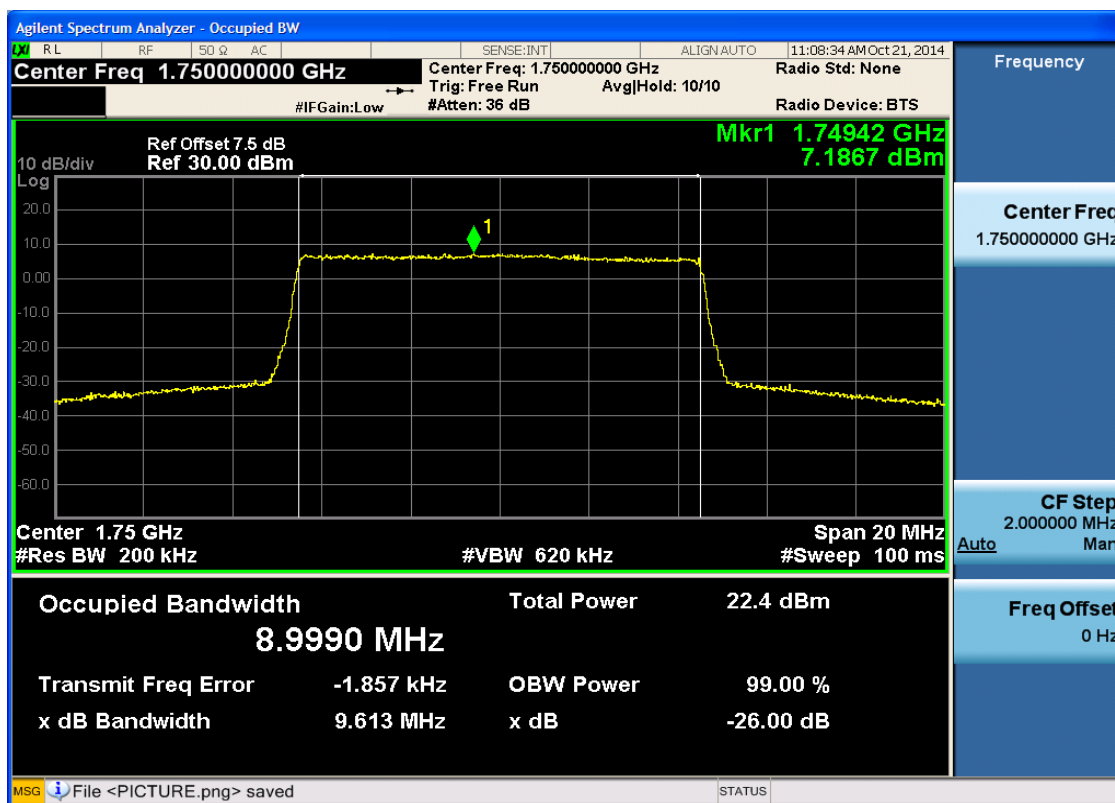
4.3.2.1.2.2.1 Test RB = RB50#0





4.3.2.1.2.3 Test Channel = HCH

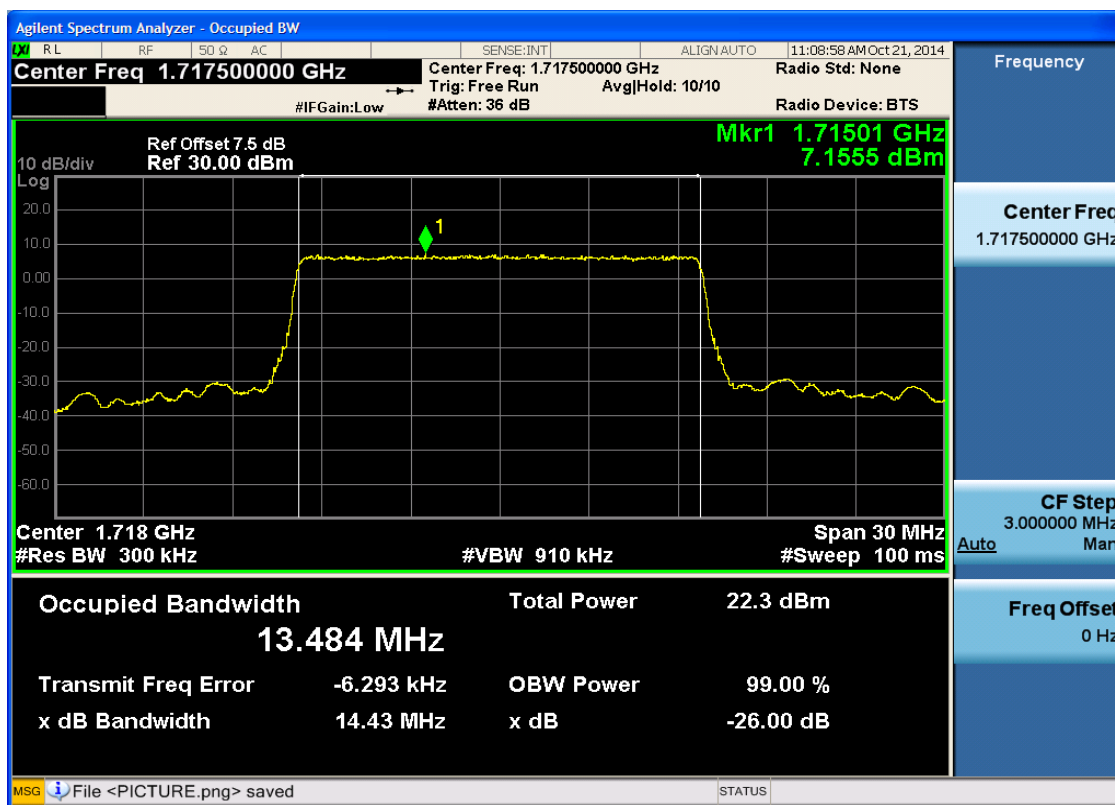
4.3.2.1.2.3.1 Test RB = RB50#0



4.3.2.1.3 Test Bandwidth = 15

4.3.2.1.3.1 Test Channel = LCH

4.3.2.1.3.1.1 Test RB = RB75#0





4.3.2.1.3.2 Test Channel = MCH

4.3.2.1.3.2.1 Test RB = RB75#0

