



Appendix for test report



1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND41	LTE/TM1	5	LCH	RB1#0	23.46	24.46	33	PASS
				RB1#13	23.47	24.47	33	PASS
				RB1#24	23.49	24.49	33	PASS
				RB12#0	22.11	23.11	33	PASS
				RB12#6	22.09	23.09	33	PASS
				RB12#13	22.14	23.14	33	PASS
				RB25#0	22.05	23.05	33	PASS
			MCH	RB1#0	23.34	24.34	33	PASS
				RB1#13	23.38	24.38	33	PASS
				RB1#24	23.40	24.40	33	PASS
				RB12#0	22.16	23.16	33	PASS
				RB12#6	22.05	23.05	33	PASS
				RB12#13	22.10	23.10	33	PASS
				RB25#0	22.11	23.11	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.57	24.57	33	PASS
				RB1#13	23.54	24.54	33	PASS
				RB1#24	23.56	24.56	33	PASS
				RB12#0	22.24	23.24	33	PASS
				RB12#6	22.11	23.11	33	PASS
				RB12#13	22.30	23.30	33	PASS
				RB25#0	22.15	23.15	33	PASS
		10	LCH	RB1#0	23.20	24.20	33	PASS
				RB1#25	23.09	24.09	33	PASS
				RB1#49	23.22	24.22	33	PASS
				RB25#0	22.09	23.09	33	PASS
				RB25#13	22.06	23.06	33	PASS
				RB25#25	22.11	23.11	33	PASS
				RB50#0	22.08	23.08	33	PASS
			MCH	RB1#0	23.32	24.32	33	PASS
				RB1#25	23.14	24.14	33	PASS
				RB1#49	23.34	24.34	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.11	23.11	33	PASS
				RB25#13	22.10	23.10	33	PASS
				RB25#25	22.12	23.12	33	PASS
				RB50#0	22.14	23.14	33	PASS
			HCH	RB1#0	23.28	24.28	33	PASS
				RB1#25	23.13	24.13	33	PASS
				RB1#49	23.39	24.39	33	PASS
				RB25#0	22.15	23.15	33	PASS
				RB25#13	22.22	23.22	33	PASS
				RB25#25	22.07	23.07	33	PASS
				RB50#0	22.16	23.16	33	PASS
		15	LCH	RB1#0	23.31	24.31	33	PASS
				RB1#38	23.38	24.38	33	PASS
				RB1#74	23.30	24.30	33	PASS
				RB38#0	22.13	23.13	33	PASS
				RB38#19	22.14	23.14	33	PASS
				RB38#39	22.15	23.15	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	22.07	23.07	33	PASS
				RB1#0	23.37	24.37	33	PASS
			MCH	RB1#38	23.39	24.39	33	PASS
				RB1#74	23.26	24.26	33	PASS
				RB38#0	22.10	23.10	33	PASS
				RB38#19	22.06	23.06	33	PASS
				RB38#39	22.12	23.12	33	PASS
				RB75#0	22.06	23.06	33	PASS
			HCH	RB1#0	23.28	24.28	33	PASS
				RB1#38	23.37	24.37	33	PASS
				RB1#74	23.31	24.31	33	PASS
				RB38#0	22.16	23.16	33	PASS
				RB38#19	22.22	23.22	33	PASS
				RB38#39	22.23	23.23	33	PASS
				RB75#0	22.21	23.21	33	PASS
		20	LCH	RB1#0	23.37	24.37	33	PASS
				RB1#50	23.09	24.09	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	23.50	24.50	33	PASS
				RB50#0	22.05	23.05	33	PASS
				RB50#25	22.07	23.07	33	PASS
				RB50#50	22.03	23.03	33	PASS
				RB100#0	22.03	23.03	33	PASS
			MCH	RB1#0	23.42	24.42	33	PASS
				RB1#50	22.74	23.74	33	PASS
				RB1#99	23.46	24.46	33	PASS
				RB50#0	22.15	23.15	33	PASS
				RB50#25	22.01	23.01	33	PASS
				RB50#50	22.08	23.08	33	PASS
				RB100#0	22.11	23.11	33	PASS
			HCH	RB1#0	23.40	24.40	33	PASS
				RB1#50	23.18	24.18	33	PASS
				RB1#99	23.57	24.57	33	PASS
				RB50#0	22.18	23.18	33	PASS
				RB50#25	22.21	23.21	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.20	23.20	33	PASS
				RB100#0	22.22	23.22	33	PASS
	LTE/TM2	5	LCH	RB1#0	22.57	23.57	33	PASS
				RB1#13	22.64	23.64	33	PASS
				RB1#24	22.61	23.61	33	PASS
				RB12#0	21.17	22.17	33	PASS
				RB12#6	20.90	21.90	33	PASS
				RB12#13	21.10	22.10	33	PASS
				RB25#0	21.05	22.05	33	PASS
			MCH	RB1#0	22.39	23.39	33	PASS
				RB1#13	22.41	23.41	33	PASS
				RB1#24	22.41	23.41	33	PASS
				RB12#0	21.13	22.13	33	PASS
				RB12#6	21.12	22.12	33	PASS
				RB12#13	21.13	22.13	33	PASS
				RB25#0	21.04	22.04	33	PASS
			HCH	RB1#0	22.58	23.58	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.54	23.54	33	PASS
				RB1#24	22.56	23.56	33	PASS
				RB12#0	21.08	22.08	33	PASS
				RB12#6	21.15	22.15	33	PASS
				RB12#13	21.13	22.13	33	PASS
				RB25#0	21.08	22.08	33	PASS
		10	LCH	RB1#0	22.29	23.29	33	PASS
				RB1#25	21.80	22.80	33	PASS
				RB1#49	22.32	23.32	33	PASS
				RB25#0	21.10	22.10	33	PASS
				RB25#13	21.09	22.09	33	PASS
				RB25#25	21.03	22.03	33	PASS
				RB50#0	21.02	22.02	33	PASS
			MCH	RB1#0	22.34	23.34	33	PASS
				RB1#25	22.17	23.17	33	PASS
				RB1#49	22.27	23.27	33	PASS
				RB25#0	21.05	22.05	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.03	22.03	33	PASS
				RB25#25	21.05	22.05	33	PASS
				RB50#0	21.01	22.01	33	PASS
			HCH	RB1#0	22.07	23.07	33	PASS
				RB1#25	21.87	22.87	33	PASS
				RB1#49	22.32	23.32	33	PASS
				RB25#0	21.17	22.17	33	PASS
				RB25#13	21.20	22.20	33	PASS
				RB25#25	21.10	22.10	33	PASS
				RB50#0	21.17	22.17	33	PASS
		15	LCH	RB1#0	22.32	23.32	33	PASS
				RB1#38	22.39	23.39	33	PASS
				RB1#74	22.38	23.38	33	PASS
				RB38#0	21.08	22.08	33	PASS
				RB38#19	21.09	22.09	33	PASS
				RB38#39	21.09	22.09	33	PASS
				RB75#0	21.07	22.07	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.64	23.64	33	PASS
				RB1#38	22.64	23.64	33	PASS
				RB1#74	22.57	23.57	33	PASS
				RB38#0	21.17	22.17	33	PASS
				RB38#19	21.11	22.11	33	PASS
				RB38#39	21.08	22.08	33	PASS
				RB75#0	21.00	22.00	33	PASS
			HCH	RB1#0	22.07	23.07	33	PASS
				RB1#38	22.15	23.15	33	PASS
				RB1#74	22.08	23.08	33	PASS
				RB38#0	21.19	22.19	33	PASS
				RB38#19	21.15	22.15	33	PASS
				RB38#39	21.16	22.16	33	PASS
				RB75#0	21.08	22.08	33	PASS
		20	LCH	RB1#0	22.60	23.60	33	PASS
				RB1#50	22.34	23.34	33	PASS
				RB1#99	22.73	23.73	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.97	21.97	33	PASS
				RB50#25	20.98	21.98	33	PASS
				RB50#50	21.04	22.04	33	PASS
				RB100#0	21.03	22.03	33	PASS
			MCH	RB1#0	22.38	23.38	33	PASS
				RB1#50	21.83	22.83	33	PASS
				RB1#99	22.39	23.39	33	PASS
				RB50#0	21.05	22.05	33	PASS
				RB50#25	21.04	22.04	33	PASS
				RB50#50	20.99	21.99	33	PASS
				RB100#0	21.04	22.04	33	PASS
			HCH	RB1#0	22.63	23.63	33	PASS
				RB1#50	22.08	23.08	33	PASS
				RB1#99	22.76	23.76	33	PASS
				RB50#0	21.10	22.10	33	PASS
				RB50#25	21.13	22.13	33	PASS
				RB50#50	21.11	22.11	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.13	22.13	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:

$$\text{SET Span} = 1.5 * \text{OBW}$$

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed } 1\text{MHz}$$

$$\text{SET VBW} \geq 3 * \text{RBW}$$

SET Sweep time = auto - couple.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND41	LTE/TM1	5	LCH	RB1#0	4.82	13	PASS
				RB1#13	4.79	13	PASS
				RB1#24	4.83	13	PASS
				RB12#0	5.44	13	PASS
				RB12#6	5.36	13	PASS
				RB12#13	5.47	13	PASS
				RB25#0	6.03	13	PASS
			MCH	RB1#0	4.28	13	PASS
				RB1#13	4.22	13	PASS
				RB1#24	4.42	13	PASS
				RB12#0	5.79	13	PASS
				RB12#6	5.72	13	PASS
				RB12#13	5.85	13	PASS
				RB25#0	5.56	13	PASS
			HCH	RB1#0	4.20	13	PASS
				RB1#13	4.28	13	PASS
				RB1#24	4.33	13	PASS
				RB12#0	5.44	13	PASS
				RB12#6	5.50	13	PASS
				RB12#13	5.59	13	PASS
				RB25#0	5.46	13	PASS
		10	LCH	RB1#0	4.64	13	PASS
				RB1#25	4.75	13	PASS
				RB1#49	4.75	13	PASS
				RB25#0	5.38	13	PASS
				RB25#13	5.31	13	PASS
				RB25#25	5.47	13	PASS
				RB50#0	5.67	13	PASS
			MCH	RB1#0	4.50	13	PASS
				RB1#25	4.56	13	PASS
				RB1#49	4.77	13	PASS
				RB25#0	5.78	13	PASS
				RB25#13	5.83	13	PASS
				RB25#25	6.11	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB50#0	5.89	13	PASS
				RB1#0	4.59	13	PASS
				RB1#25	4.53	13	PASS
				RB1#49	4.48	13	PASS
				RB25#0	5.64	13	PASS
				RB25#13	5.53	13	PASS
				RB25#25	5.62	13	PASS
				RB50#0	5.79	13	PASS
		15	LCH	RB1#0	4.60	13	PASS
				RB1#38	4.60	13	PASS
				RB1#74	4.81	13	PASS
				RB38#0	5.67	13	PASS
				RB38#19	5.56	13	PASS
				RB38#39	5.85	13	PASS
				RB75#0	6.09	13	PASS
			MCH	RB1#0	4.07	13	PASS
				RB1#38	4.20	13	PASS
				RB1#74	4.38	13	PASS
				RB38#0	5.81	13	PASS
				RB38#19	5.79	13	PASS
				RB38#39	6.07	13	PASS
				RB75#0	5.96	13	PASS
			HCH	RB1#0	4.80	13	PASS
				RB1#38	4.41	13	PASS
				RB1#74	4.49	13	PASS
				RB38#0	5.88	13	PASS
				RB38#19	5.64	13	PASS
				RB38#39	5.61	13	PASS
				RB75#0	6.26	13	PASS
		20	LCH	RB1#0	4.37	13	PASS
				RB1#50	4.47	13	PASS
				RB1#99	4.65	13	PASS
				RB50#0	5.55	13	PASS
				RB50#25	5.53	13	PASS
				RB50#50	5.74	13	PASS
				RB100#0	6.09	13	PASS
			MCH	RB1#0	4.54	13	PASS
				RB1#50	4.85	13	PASS
				RB1#99	4.84	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.59	13	PASS
				RB50#25	5.52	13	PASS
				RB50#50	5.79	13	PASS
				RB100#0	6.10	13	PASS
			HCH	RB1#0	4.82	13	PASS
				RB1#50	4.54	13	PASS
				RB1#99	4.32	13	PASS
				RB50#0	6.03	13	PASS
				RB50#25	5.74	13	PASS
				RB50#50	5.70	13	PASS
				RB100#0	6.32	13	PASS
	LTE/TM1	5	LCH	RB1#0	5.18	13	PASS
				RB1#13	5.13	13	PASS
				RB1#24	5.18	13	PASS
				RB12#0	5.96	13	PASS
				RB12#6	5.85	13	PASS
				RB12#13	5.95	13	PASS
				RB25#0	6.08	13	PASS
			MCH	RB1#0	5.23	13	PASS
				RB1#13	5.26	13	PASS
				RB1#24	5.34	13	PASS
				RB12#0	6.49	13	PASS
				RB12#6	6.44	13	PASS
				RB12#13	6.60	13	PASS
				RB25#0	6.68	13	PASS
			HCH	RB1#0	4.90	13	PASS
				RB1#13	4.94	13	PASS
				RB1#24	4.97	13	PASS
				RB12#0	5.73	13	PASS
				RB12#6	5.73	13	PASS
				RB12#13	5.76	13	PASS
				RB25#0	6.49	13	PASS
		10	LCH	RB1#0	4.42	13	PASS
				RB1#25	4.44	13	PASS
				RB1#49	4.43	13	PASS
				RB25#0	6.32	13	PASS
				RB25#13	6.22	13	PASS
				RB25#25	6.36	13	PASS
				RB50#0	6.81	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	4.91	13	PASS
				RB1#25	4.97	13	PASS
				RB1#49	5.28	13	PASS
				RB25#0	6.33	13	PASS
				RB25#13	6.32	13	PASS
				RB25#25	6.66	13	PASS
				RB50#0	6.79	13	PASS
			HCH	RB1#0	5.76	13	PASS
				RB1#25	5.70	13	PASS
				RB1#49	5.64	13	PASS
				RB25#0	6.35	13	PASS
				RB25#13	6.19	13	PASS
				RB25#25	6.37	13	PASS
				RB50#0	6.57	13	PASS
		15	LCH	RB1#0	4.95	13	PASS
				RB1#38	4.94	13	PASS
				RB1#74	5.15	13	PASS
				RB38#0	6.69	13	PASS
				RB38#19	6.54	13	PASS
				RB38#39	6.86	13	PASS
				RB75#0	6.63	13	PASS
			MCH	RB1#0	4.61	13	PASS
				RB1#38	4.76	13	PASS
				RB1#74	5.01	13	PASS
				RB38#0	6.39	13	PASS
				RB38#19	6.35	13	PASS
				RB38#39	6.58	13	PASS
				RB75#0	7.03	13	PASS
			HCH	RB1#0	5.99	13	PASS
				RB1#38	5.57	13	PASS
				RB1#74	5.68	13	PASS
				RB38#0	6.64	13	PASS
				RB38#19	6.35	13	PASS
				RB38#39	6.38	13	PASS
				RB75#0	6.71	13	PASS
		20	LCH	RB1#0	4.62	13	PASS
				RB1#50	4.80	13	PASS
				RB1#99	4.74	13	PASS
				RB50#0	6.27	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	6.24	13	PASS
				RB50#50	6.47	13	PASS
				RB100#0	6.62	13	PASS
			MCH	RB1#0	4.87	13	PASS
				RB1#50	5.01	13	PASS
				RB1#99	5.26	13	PASS
				RB50#0	6.37	13	PASS
				RB50#25	6.38	13	PASS
				RB50#50	6.61	13	PASS
				RB100#0	6.79	13	PASS
			HCH	RB1#0	5.34	13	PASS
				RB1#50	5.18	13	PASS
				RB1#99	4.90	13	PASS
				RB50#0	7.01	13	PASS
				RB50#25	6.73	13	PASS
				RB50#50	6.74	13	PASS
				RB100#0	7.36	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

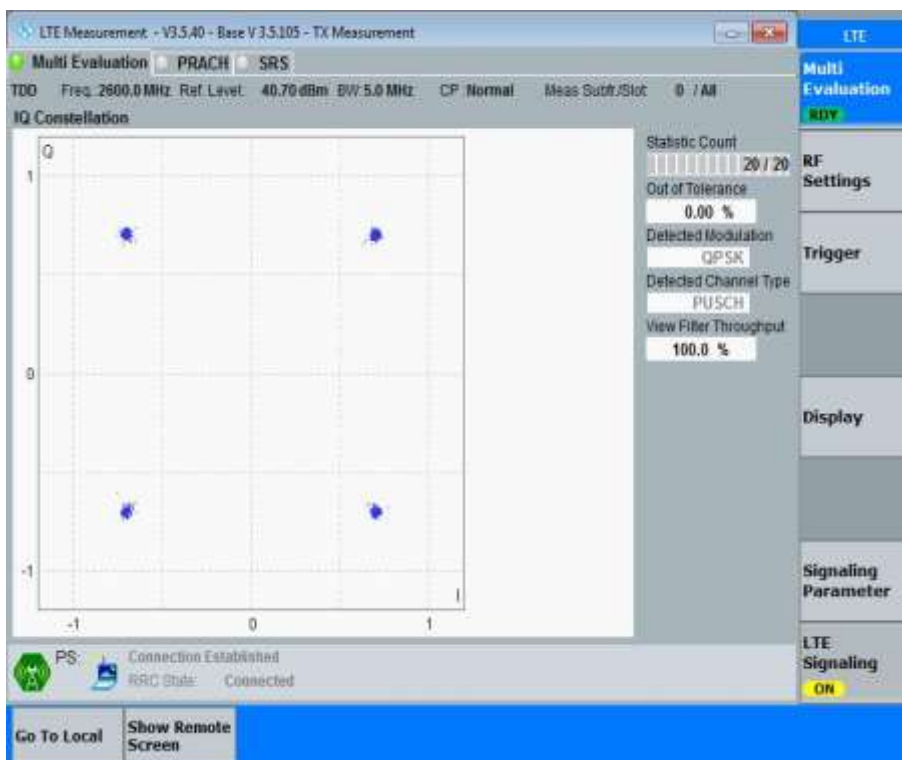
3.1.1 Test Band = BAND41

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 5

3.1.1.1.1.1 Test Channel = MCH

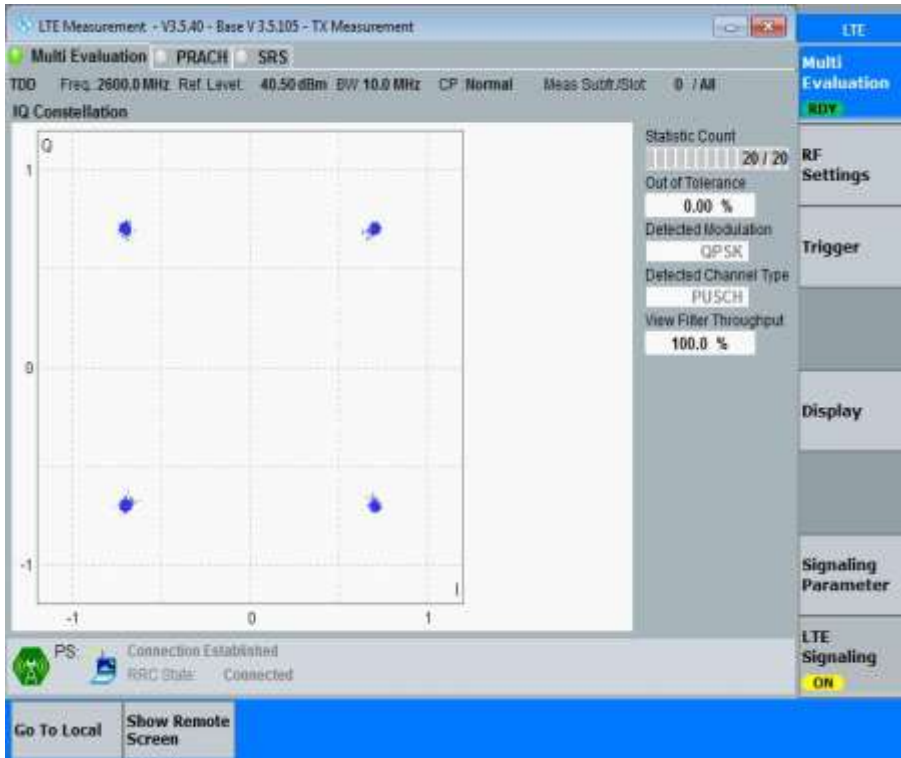
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

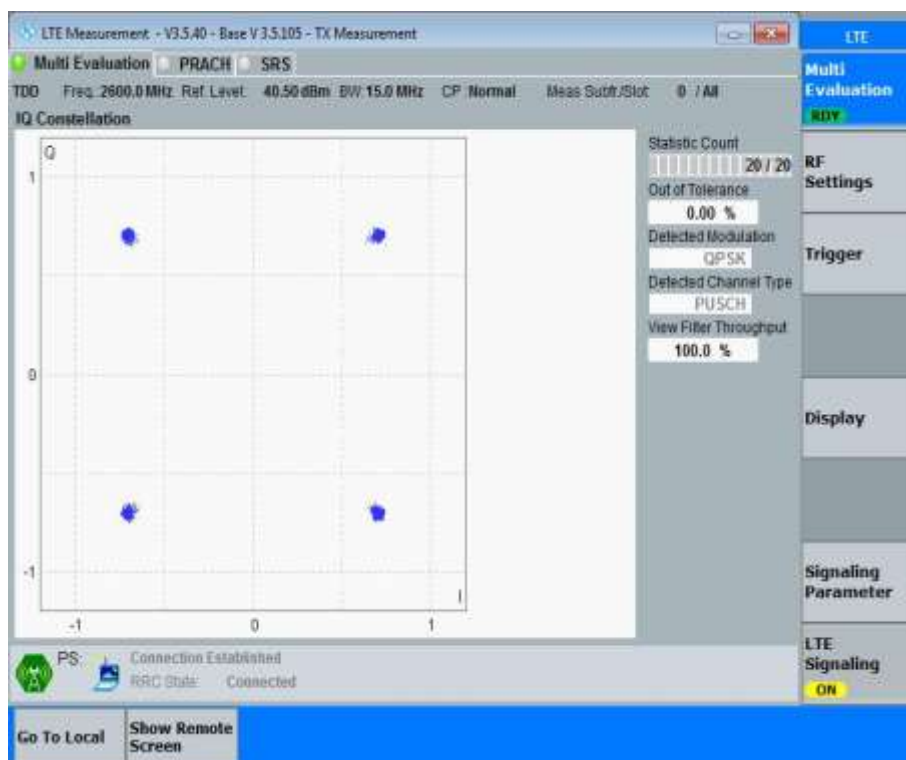
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

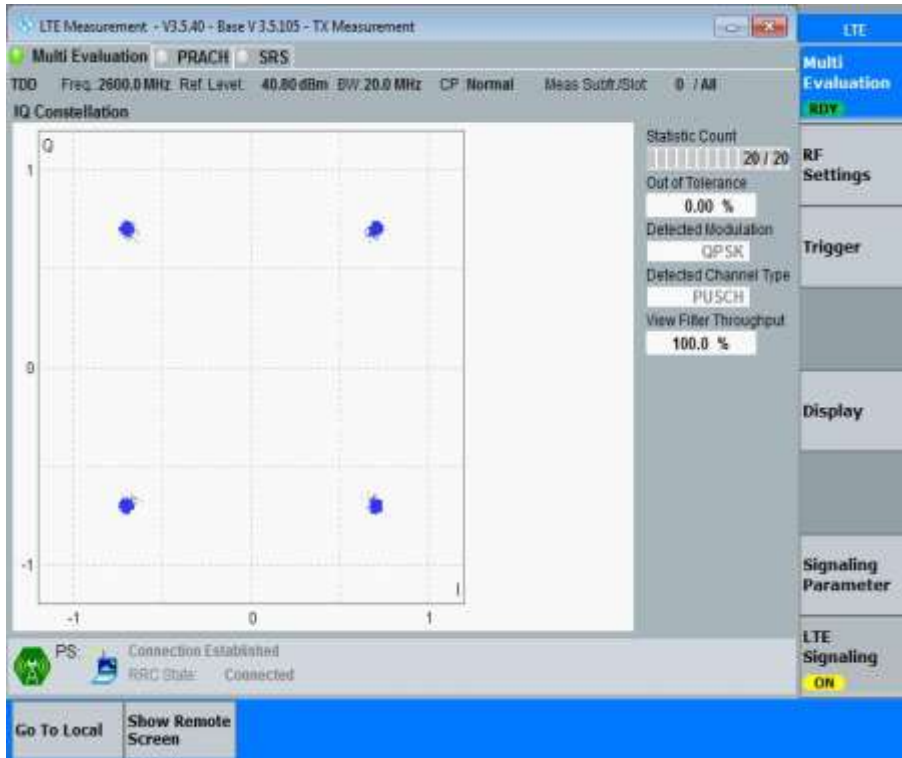
3.1.1.1.3.1.1 Test RB = RB75#0



3.1.1.1.4 Test Bandwidth = 20

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB100#0

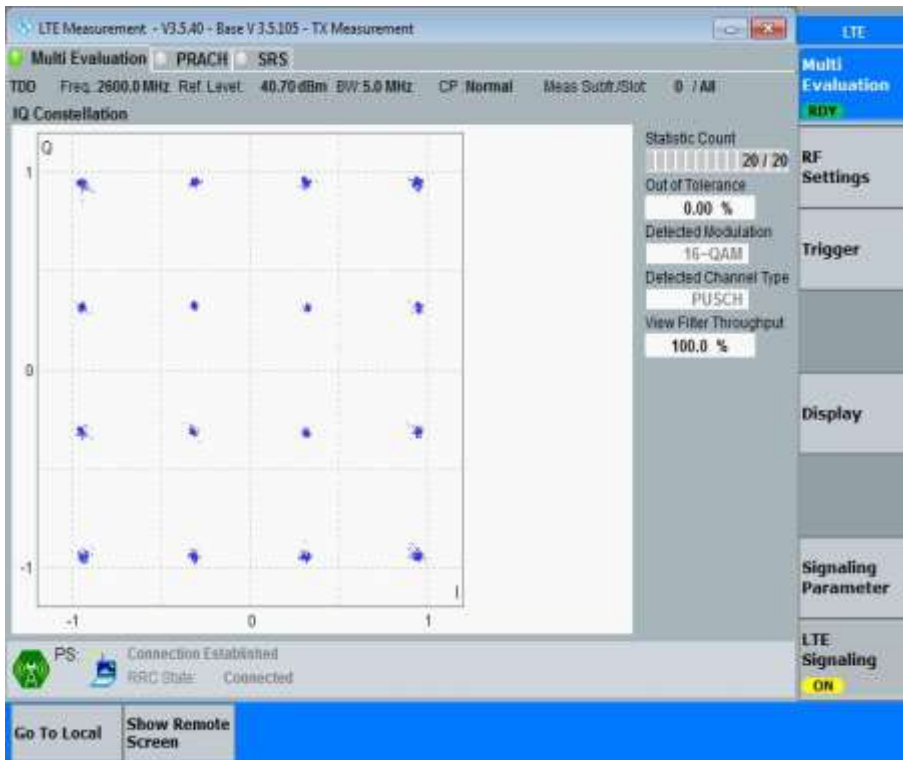


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

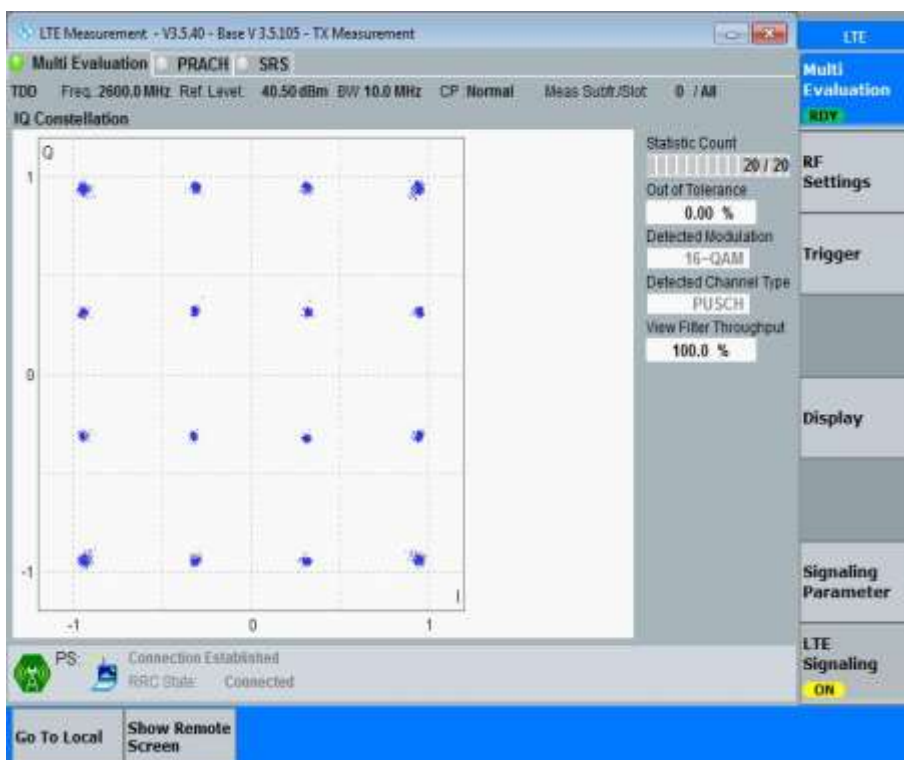
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

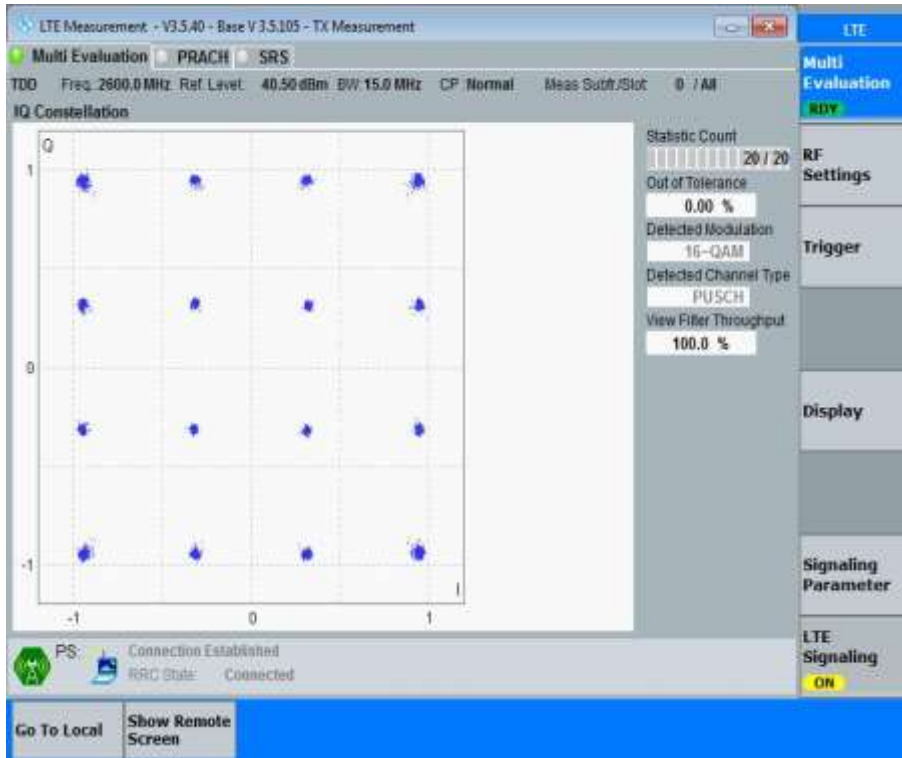
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

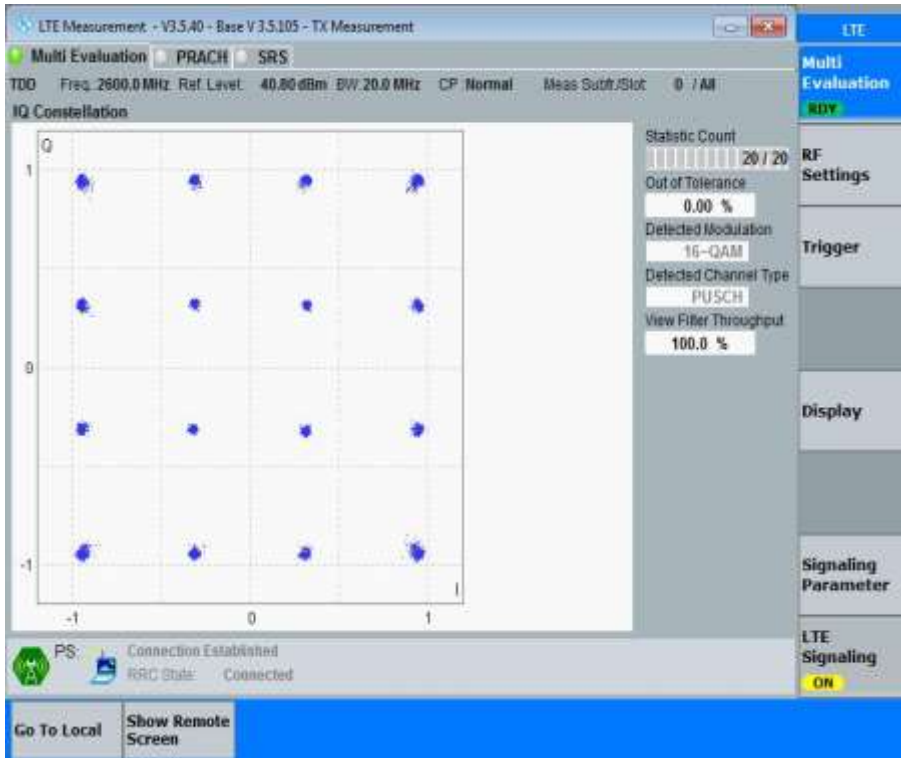
3.1.1.2.3.1.1 Test RB = RB75#0



3.1.1.2.4 Test Bandwidth = 20

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
B41	LTE/TM1	5	LCH	RB25#0	4.51	4.94	Pass
			MCH	RB25#0	4.52	4.95	Pass
			HCH	RB25#0	4.51	5.02	Pass
		10	LCH	RB50#0	8.98	9.92	Pass
			MCH	RB50#0	9.00	9.87	Pass
			HCH	RB50#0	8.98	9.88	Pass
		15	LCH	RB75#0	13.49	14.99	Pass
			MCH	RB75#0	13.49	14.85	Pass
			HCH	RB75#0	13.49	14.86	Pass
		20	LCH	RB100#0	18.02	19.77	Pass
			MCH	RB100#0	17.99	19.74	Pass
			HCH	RB100#0	17.94	19.70	Pass
	LTE/TM2	5	LCH	RB25#0	4.52	4.95	Pass
			MCH	RB25#0	4.51	4.99	Pass
			HCH	RB25#0	4.53	5.00	Pass
		10	LCH	RB50#0	8.98	9.88	Pass
			MCH	RB50#0	8.99	9.83	Pass
			HCH	RB50#0	8.99	9.82	Pass
		15	LCH	RB75#0	13.49	14.97	Pass
			MCH	RB75#0	13.49	14.80	Pass
			HCH	RB75#0	13.49	14.88	Pass
		20	LCH	RB100#0	17.98	19.82	Pass
			MCH	RB100#0	18.00	19.57	Pass
			HCH	RB100#0	17.98	19.78	Pass

Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = BAND41

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



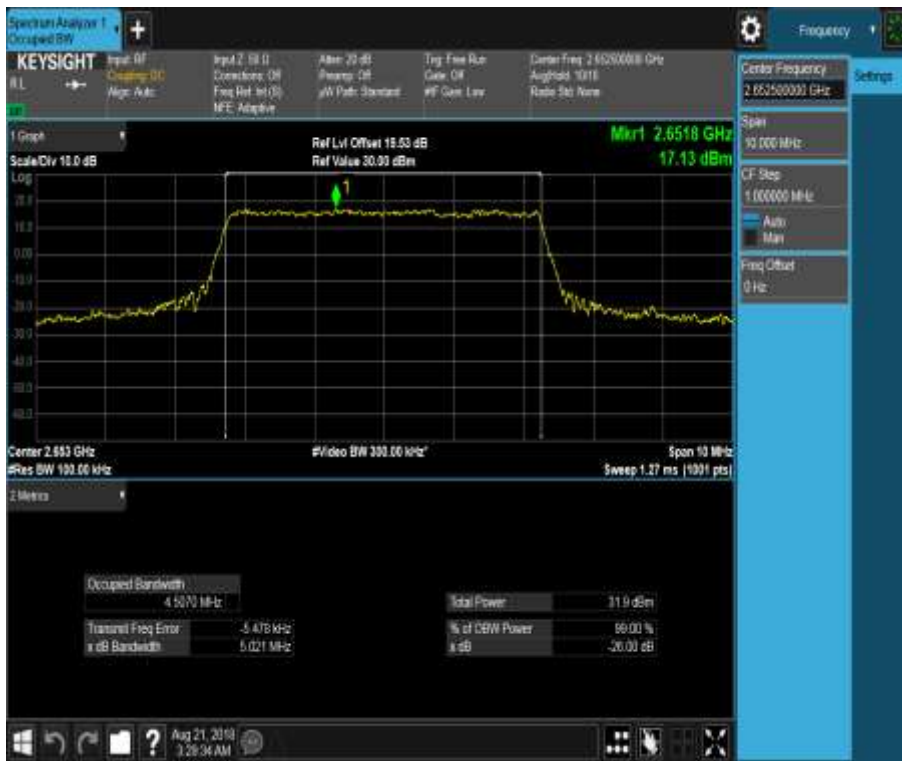
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0





4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB50#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0



4.1.1.1.3 Test Bandwidth = 15

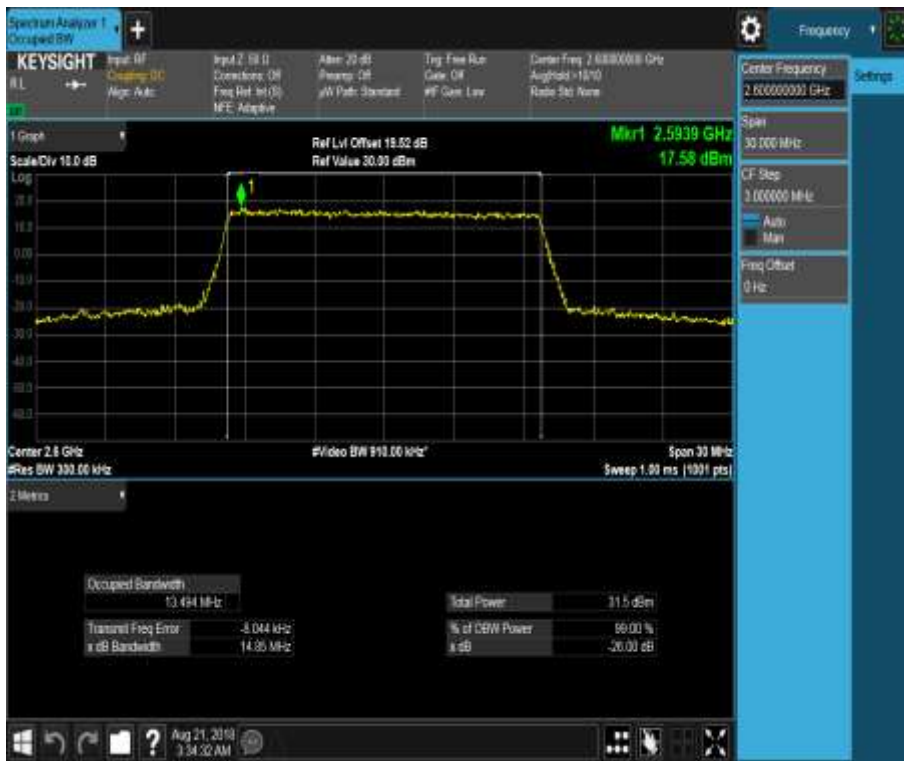
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0



4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0



4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

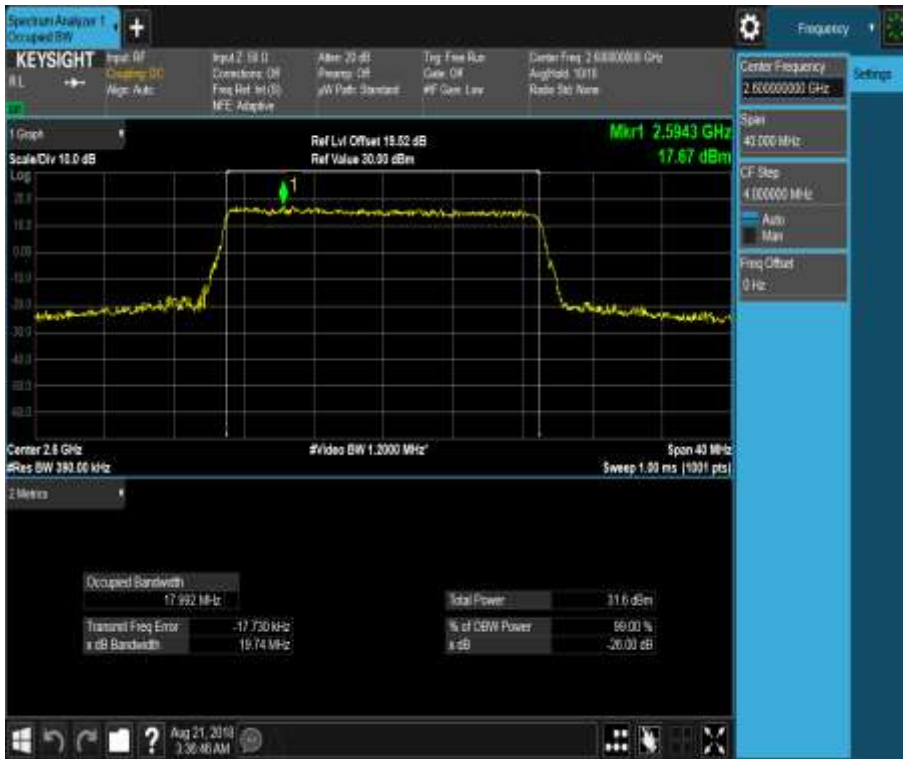
4.1.1.1.4.1.1 Test RB = RB100#0





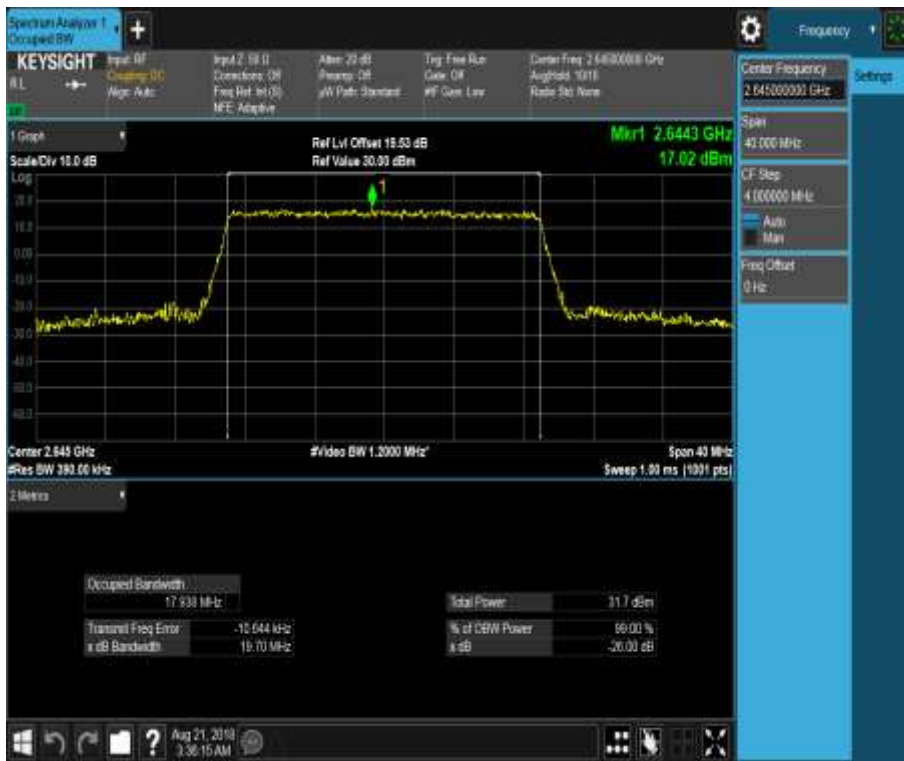
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB100#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0





4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB25#0



4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0





4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB50#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0



4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0



4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB75#0



4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0



4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB100#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

5.1.1 Test Band = BAND41

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#24





5.1.1.1.1.3 Test RB = RB12#6





5.1.1.1.1.4 Test RB = RB25#0



5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.1.2.4 Test RB = RB25#0



5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#49





5.1.1.1.2.1.3 Test RB = RB25#13





5.1.1.1.2.1.4 Test RB = RB50#0



5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#49





5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0





5.1.1.1.3 Test Bandwidth = 15

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#74





5.1.1.1.3.1.3 Test RB = RB36#18





5.1.1.1.3.1.4 Test RB = RB75#0



5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#74





5.1.1.1.3.2.3 Test RB = RB36#18





5.1.1.1.3.2.4 Test RB = RB75#0

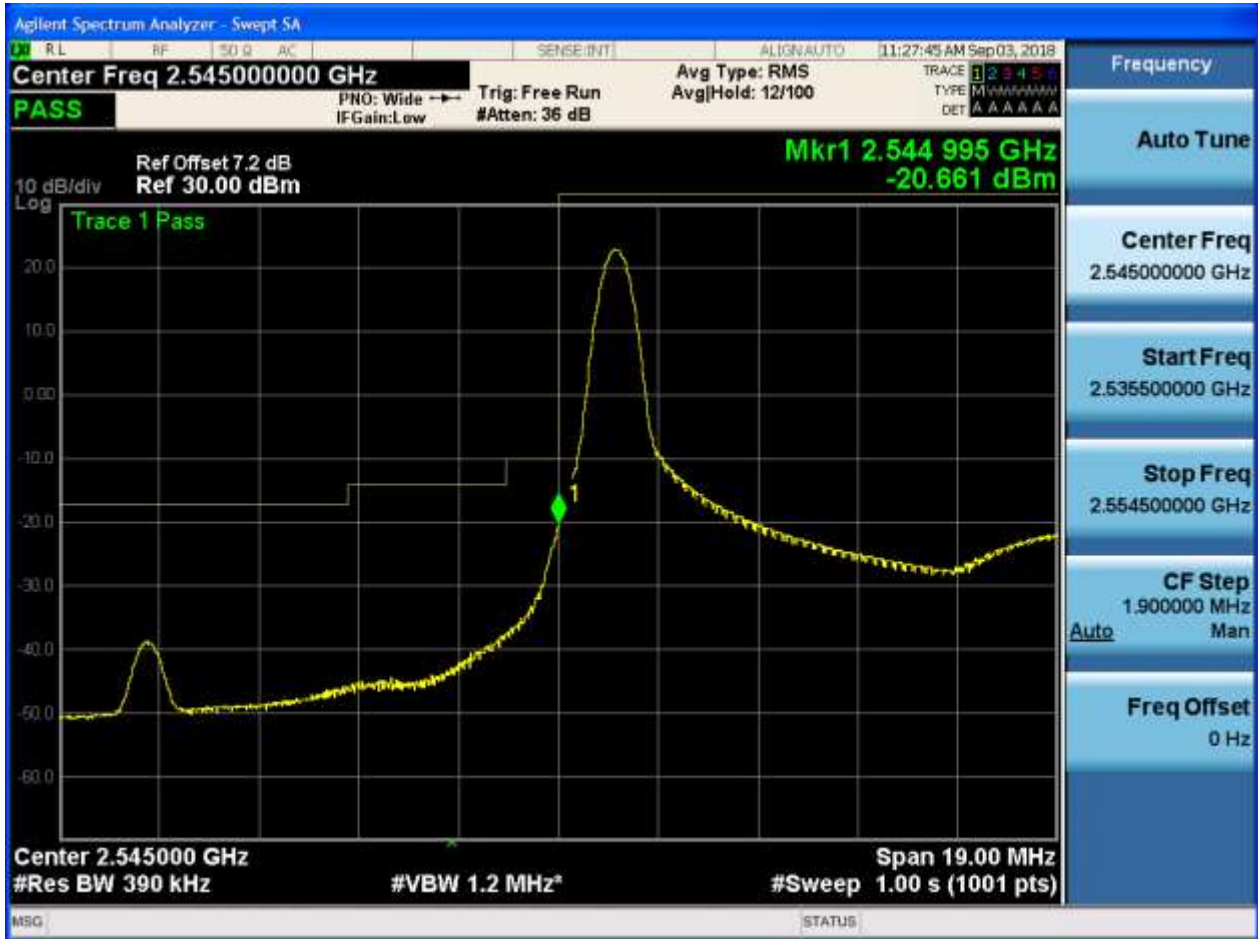




5.1.1.1.4 Test Bandwidth = 20

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#99





5.1.1.1.4.1.3 Test RB = RB50#25





5.1.1.1.4.1.4 Test RB = RB100#0



5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



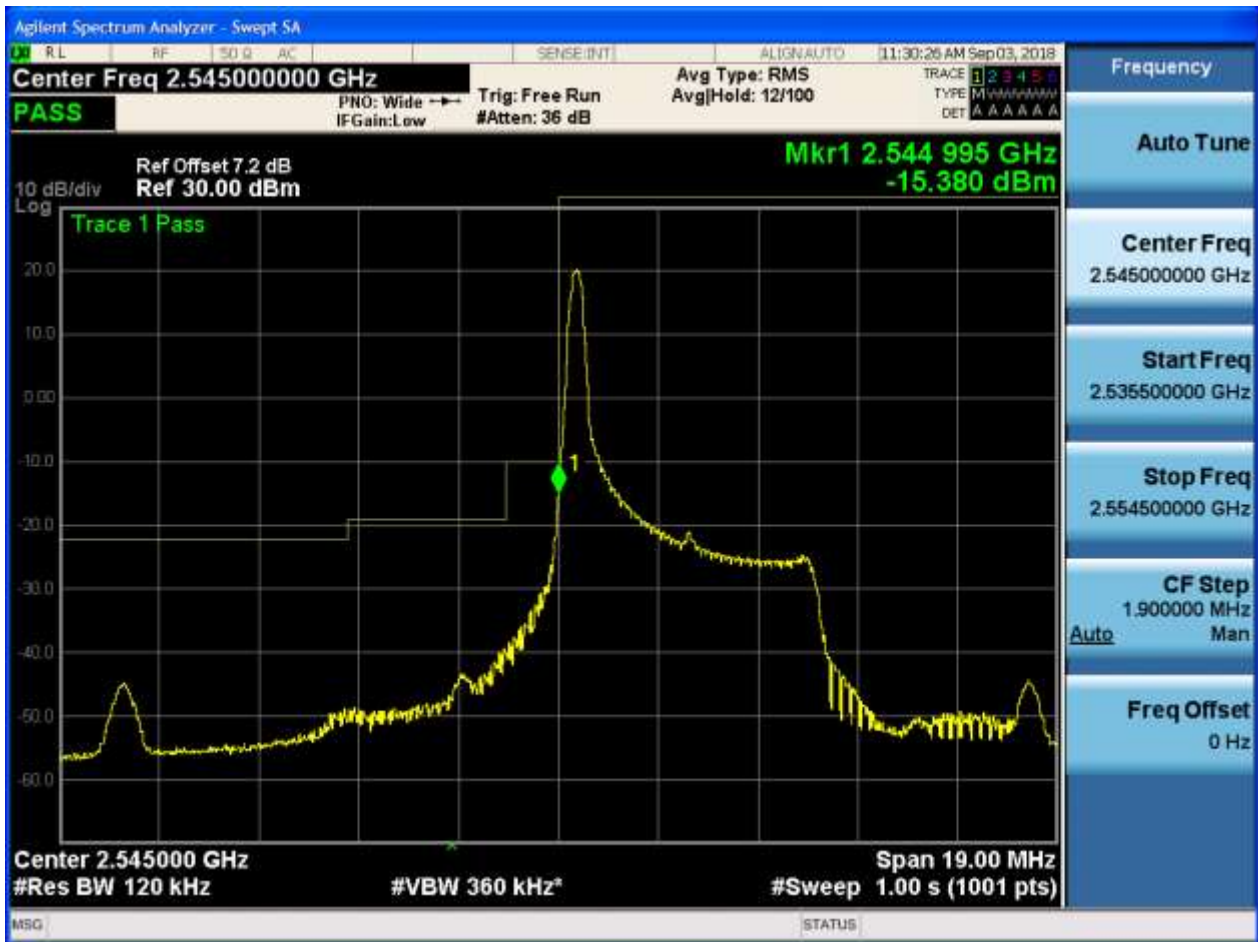


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6





5.1.1.2.1.1.4 Test RB = RB25#0



5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



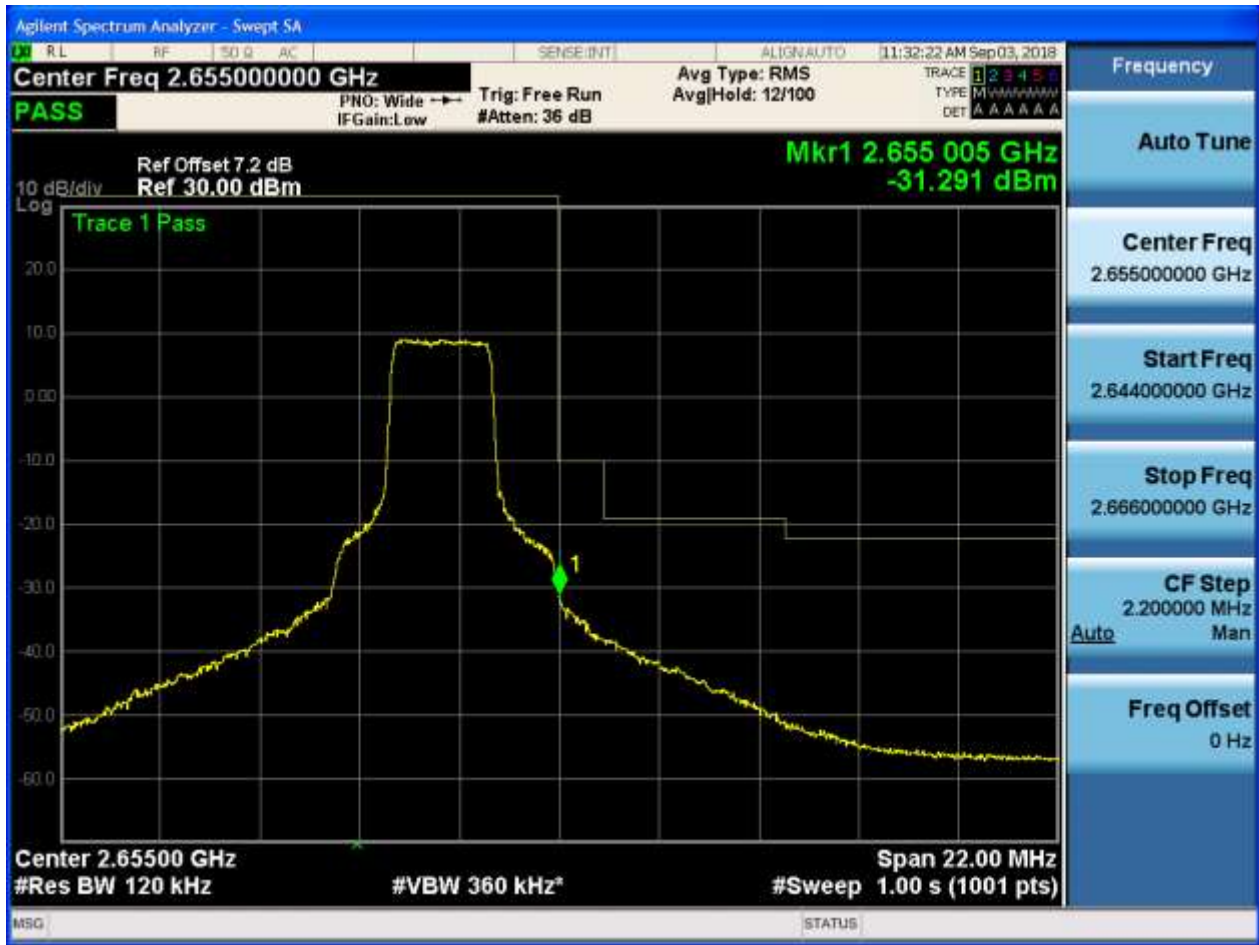


5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0



5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#49





5.1.1.2.2.1.3 Test RB = RB25#13





5.1.1.2.2.1.4 Test RB = RB50#0



5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#49





5.1.1.2.2.3 Test RB = RB25#13





5.1.1.2.2.4 Test RB = RB50#0



5.1.1.2.3 Test Bandwidth = 15

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#74





5.1.1.2.3.1.3 Test RB = RB36#18





5.1.1.2.3.1.4 Test RB = RB75#0



5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#74





5.1.1.2.3.2.3 Test RB = RB36#18





5.1.1.2.3.2.4 Test RB = RB75#0

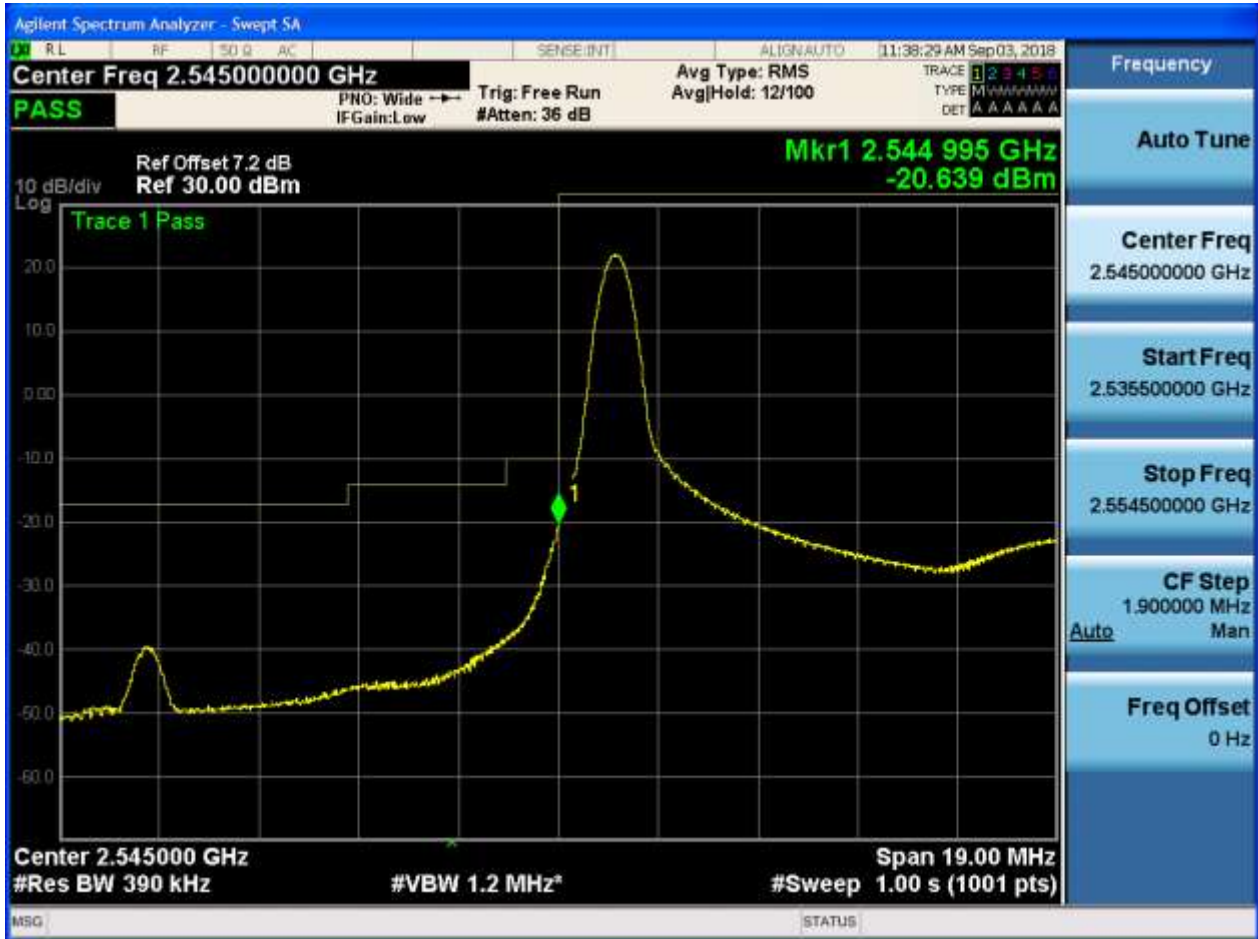




5.1.1.2.4 Test Bandwidth = 20

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.2 Test RB = RB1#99





5.1.1.2.4.1.3 Test RB = RB50#25





5.1.1.2.4.1.4 Test RB = RB100#0



5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





5.1.1.2.4.2.2 Test RB = RB1#99





5.1.1.2.4.2.3 Test RB = RB50#25





5.1.1.2.4.2.4 Test RB = RB100#0



6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = BAND41

6.1.1.1 Test Mode = LTE/TM1

6.2.1.1.1 Test Bandwidth = 5

6.2.1.1.1.1 Test Channel = LCH

6.2.1.1.1.1.1 Test RB = RB1#0





6.2.1.1.1.2 Test Channel = MCH

6.2.1.1.1.2.1 Test RB = RB1#0



6.2.1.1.1.3 Test Channel = HCH

6.2.1.1.1.3.1 Test RB = RB1#0





6.2.1.1.2 Test Bandwidth = 10

6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0





6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0





6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0





6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0





6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0





6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0





6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0





6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0





6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0





6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0







6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0





6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0





6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0





6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0







6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0





6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0





7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = BAND41_ANT1

7.1.1.1 Test Bandwidth = 5

