



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
BAND38	LTE/TM1	5	LCH	RB1#0	22.66	23.05	33	PASS
				RB1#13	22.75	23.09	33	PASS
				RB1#24	22.74	23.03	33	PASS
				RB12#0	21.66	21.81	33	PASS
				RB12#6	21.72	22.04	33	PASS
				RB12#13	21.76	22.00	33	PASS
				RB25#0	21.65	21.80	33	PASS
			MCH	RB1#0	22.81	22.94	33	PASS
				RB1#13	22.81	23.21	33	PASS
				RB1#24	22.85	23.20	33	PASS
				RB12#0	21.76	21.91	33	PASS
				RB12#6	21.84	21.92	33	PASS
				RB12#13	21.93	22.09	33	PASS
				RB25#0	21.77	21.82	33	PASS
			HCH	RB1#0	22.79	23.01	33	PASS
				RB1#13	22.82	22.92	33	PASS
				RB1#24	22.74	22.78	33	PASS
				RB12#0	21.6	21.92	33	PASS
				RB12#6	21.57	21.86	33	PASS
				RB12#13	21.79	21.96	33	PASS
				RB25#0	21.64	21.67	33	PASS
		10	LCH	RB1#0	22.67	22.82	33	PASS
				RB1#25	22.45	22.58	33	PASS
				RB1#49	22.72	23.09	33	PASS
				RB25#0	21.64	21.97	33	PASS
				RB25#13	21.65	21.73	33	PASS
				RB25#25	21.73	21.88	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB50#0	21.55	21.71	33	PASS
				RB1#0	22.81	22.94	33	PASS
				RB1#25	22.26	22.48	33	PASS
				RB1#49	22.91	23.27	33	PASS
				RB25#0	21.75	21.91	33	PASS
				RB25#13	21.74	22.10	33	PASS
				RB25#25	21.71	21.94	33	PASS
				RB50#0	21.75	21.91	33	PASS
				RB1#0	22.83	23.18	33	PASS
				RB1#25	22.51	22.69	33	PASS
				RB1#49	22.75	23.09	33	PASS
				RB25#0	21.72	21.87	33	PASS
				RB25#13	21.72	21.90	33	PASS
				RB25#25	21.73	22.13	33	PASS
				RB50#0	21.72	22.09	33	PASS
		15	LCH	RB1#0	22.66	22.82	33	PASS
				RB1#38	22.75	22.99	33	PASS
				RB1#74	22.75	22.98	33	PASS
				RB38#0	21.68	21.83	33	PASS
				RB38#19	21.55	21.94	33	PASS
				RB38#39	21.75	21.83	33	PASS
				RB75#0	21.72	21.84	33	PASS
			MCH	RB1#0	22.75	22.78	33	PASS
				RB1#38	22.76	23.00	33	PASS
				RB1#74	22.76	23.03	33	PASS
				RB38#0	21.75	21.93	33	PASS
				RB38#19	21.7	22.05	33	PASS
				RB38#39	21.88	22.24	33	PASS
				RB75#0	21.85	21.94	33	PASS
			HCH	RB1#0	22.79	23.12	33	PASS
				RB1#38	22.72	23.10	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#74	22.75	22.99	33	PASS
				RB38#0	21.72	22.01	33	PASS
				RB38#19	21.74	21.82	33	PASS
				RB38#39	21.77	22.06	33	PASS
				RB75#0	21.75	22.12	33	PASS
		20	LCH	RB1#0	22.69	22.93	33	PASS
				RB1#50	22.25	22.66	33	PASS
				RB1#99	22.84	22.90	33	PASS
				RB50#0	21.71	22.00	33	PASS
				RB50#25	21.69	22.09	33	PASS
				RB50#50	21.8	21.83	33	PASS
				RB100#0	21.78	21.92	33	PASS
			MCH	RB1#0	22.83	22.93	33	PASS
				RB1#50	22.24	22.41	33	PASS
				RB1#99	22.94	23.04	33	PASS
				RB50#0	21.84	21.93	33	PASS
				RB50#25	21.74	21.91	33	PASS
				RB50#50	21.86	21.89	33	PASS
				RB100#0	21.83	22.22	33	PASS
			HCH	RB1#0	22.87	23.08	33	PASS
				RB1#50	22.51	22.82	33	PASS
				RB1#99	22.84	22.97	33	PASS
				RB50#0	21.74	22.02	33	PASS
				RB50#25	21.63	21.87	33	PASS
				RB50#50	21.81	21.89	33	PASS
				RB100#0	21.79	22.08	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.58	21.62	33	PASS
				RB1#13	21.57	21.90	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#24	21.45	21.79	33	PASS
				RB12#0	20.66	21.05	33	PASS
				RB12#6	20.64	20.89	33	PASS
				RB12#13	20.6	20.93	33	PASS
				RB25#0	20.71	20.82	33	PASS
			MCH	RB1#0	22.12	22.41	33	PASS
				RB1#13	22.07	22.36	33	PASS
				RB1#24	22.11	22.47	33	PASS
				RB12#0	20.58	20.68	33	PASS
				RB12#6	20.63	21.03	33	PASS
				RB12#13	20.64	20.70	33	PASS
				RB25#0	20.77	20.94	33	PASS
			HCH	RB1#0	22.11	22.16	33	PASS
				RB1#13	21.97	22.11	33	PASS
				RB1#24	22	22.36	33	PASS
				RB12#0	20.52	20.82	33	PASS
				RB12#6	20.51	20.83	33	PASS
				RB12#13	20.57	20.70	33	PASS
				RB25#0	20.54	20.74	33	PASS
		10	LCH	RB1#0	21.78	22.12	33	PASS
				RB1#25	21.78	22.19	33	PASS
				RB1#49	21.8	21.98	33	PASS
				RB25#0	20.54	20.83	33	PASS
				RB25#13	20.54	20.61	33	PASS
				RB25#25	20.59	20.69	33	PASS
				RB50#0	20.58	20.78	33	PASS
			MCH	RB1#0	21.83	22.05	33	PASS
				RB1#25	21.41	21.52	33	PASS
				RB1#49	21.86	21.97	33	PASS
				RB25#0	20.62	20.67	33	PASS
				RB25#13	20.72	20.76	33	PASS
				RB25#25	20.69	20.83	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB50#0	20.73	21.08	33	PASS
				RB1#0	22.24	22.59	33	PASS
				RB1#25	21.63	21.65	33	PASS
				RB1#49	22.14	22.37	33	PASS
				RB25#0	20.66	21.04	33	PASS
				RB25#13	20.71	20.92	33	PASS
				RB25#25	20.69	20.93	33	PASS
				RB50#0	20.61	20.95	33	PASS
			LCH	RB1#0	21.76	21.79	33	PASS
				RB1#38	21.81	22.14	33	PASS
				RB1#74	21.75	21.87	33	PASS
				RB38#0	20.54	20.55	33	PASS
				RB38#19	20.54	20.81	33	PASS
				RB38#39	20.68	20.75	33	PASS
				RB75#0	20.6	20.74	33	PASS
			MCH	RB1#0	21.92	22.21	33	PASS
				RB1#38	21.82	22.17	33	PASS
				RB1#74	21.79	21.88	33	PASS
				RB38#0	20.65	20.95	33	PASS
				RB38#19	20.64	20.68	33	PASS
				RB38#39	20.71	20.80	33	PASS
				RB75#0	20.63	20.93	33	PASS
		HCH	HCH	RB1#0	21.84	21.97	33	PASS
				RB1#38	21.89	22.15	33	PASS
				RB1#74	21.87	22.02	33	PASS
				RB38#0	20.75	20.97	33	PASS
				RB38#19	20.71	21.09	33	PASS
				RB38#39	20.76	21.10	33	PASS
				RB75#0	20.65	20.81	33	PASS
		20	LCH	RB1#0	22.21	22.47	33	PASS
				RB1#50	22	22.08	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#99	22.34	22.58	33	PASS
				RB50#0	20.7	20.96	33	PASS
				RB50#25	20.64	20.80	33	PASS
				RB50#50	20.77	20.87	33	PASS
				RB100#0	20.59	21.00	33	PASS
			MCH	RB1#0	21.81	22.10	33	PASS
				RB1#50	21.68	21.84	33	PASS
				RB1#99	21.84	21.85	33	PASS
				RB50#0	20.78	21.17	33	PASS
				RB50#25	20.77	20.78	33	PASS
				RB50#50	20.75	20.81	33	PASS
				RB100#0	20.65	20.76	33	PASS
			HCH	RB1#0	21.79	21.90	33	PASS
				RB1#50	21.2	21.50	33	PASS
				RB1#99	21.68	21.93	33	PASS
				RB50#0	20.67	20.93	33	PASS
				RB50#25	20.62	20.69	33	PASS
				RB50#50	20.72	20.82	33	PASS
				RB100#0	20.68	20.87	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:

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

SET RBW = 1% of the OBW,not to exceed 1MHz

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
BAND38	LTE/TM1	5	LCH	RB1#0	5.29	13	PASS
				RB1#13	5.16	13	PASS
				RB1#24	5.26	13	PASS
				RB12#0	6.33	13	PASS
				RB12#6	6.27	13	PASS
				RB12#13	6.27	13	PASS
				RB25#0	5.94	13	PASS
			MCH	RB1#0	5.77	13	PASS
				RB1#13	5.71	13	PASS
				RB1#24	5.75	13	PASS
				RB12#0	5.94	13	PASS
				RB12#6	6.03	13	PASS
				RB12#13	6.09	13	PASS
				RB25#0	6.25	13	PASS
			HCH	RB1#0	5.57	13	PASS
				RB1#13	5.51	13	PASS
				RB1#24	5.47	13	PASS
				RB12#0	6.91	13	PASS
				RB12#6	6.86	13	PASS
				RB12#13	6.8	13	PASS
				RB25#0	6.76	13	PASS
		10	LCH	RB1#0	4.82	13	PASS
				RB1#25	4.69	13	PASS
				RB1#49	4.8	13	PASS
				RB25#0	6.75	13	PASS
				RB25#13	6.71	13	PASS
				RB25#25	6.72	13	PASS
				RB50#0	6.25	13	PASS
			MCH	RB1#0	4.81	13	PASS
				RB1#25	5	13	PASS
				RB1#49	5.03	13	PASS
				RB25#0	6.23	13	PASS
				RB25#13	6.36	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.41	13	PASS
				RB50#0	6.79	13	PASS
			HCH	RB1#0	5.07	13	PASS
				RB1#25	5.11	13	PASS
				RB1#49	5.03	13	PASS
				RB25#0	6.85	13	PASS
				RB25#13	6.85	13	PASS
				RB25#25	6.97	13	PASS
				RB50#0	6.54	13	PASS
		15	LCH	RB1#0	4.54	13	PASS
				RB1#38	4.44	13	PASS
				RB1#74	4.49	13	PASS
				RB38#0	6.68	13	PASS
				RB38#19	6.62	13	PASS
				RB38#39	6.71	13	PASS
				RB75#0	6.64	13	PASS
			MCH	RB1#0	4.64	13	PASS
				RB1#38	4.73	13	PASS
				RB1#74	4.91	13	PASS
				RB38#0	6.35	13	PASS
				RB38#19	6.35	13	PASS
				RB38#39	6.56	13	PASS
				RB75#0	6.98	13	PASS
			HCH	RB1#0	5.58	13	PASS
				RB1#38	5.54	13	PASS
				RB1#74	5.51	13	PASS
				RB38#0	6.67	13	PASS
				RB38#19	6.68	13	PASS
				RB38#39	6.75	13	PASS
				RB75#0	7	13	PASS
		20	LCH	RB1#0	4.85	13	PASS
				RB1#50	4.82	13	PASS
				RB1#99	4.87	13	PASS
				RB50#0	6.37	13	PASS
				RB50#25	6.35	13	PASS
				RB50#50	6.27	13	PASS
				RB100#0	6.63	13	PASS
			MCH	RB1#0	5.48	13	PASS
				RB1#50	5.53	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	5.48	13	PASS
				RB50#0	6.77	13	PASS
				RB50#25	6.95	13	PASS
				RB50#50	7.02	13	PASS
				RB100#0	6.85	13	PASS
			HCH	RB1#0	4.47	13	PASS
				RB1#50	4.56	13	PASS
				RB1#99	4.63	13	PASS
				RB50#0	6.7	13	PASS
				RB50#25	6.57	13	PASS
				RB50#50	6.66	13	PASS
				RB100#0	6.79	13	PASS
	LTE/TM2	5	LCH	RB1#0	6.43	13	PASS
				RB1#13	6.48	13	PASS
				RB1#24	6.48	13	PASS
				RB12#0	7.52	13	PASS
				RB12#6	7.61	13	PASS
				RB12#13	7.58	13	PASS
				RB25#0	7.06	13	PASS
			MCH	RB1#0	6.1	13	PASS
				RB1#13	6.06	13	PASS
				RB1#24	6.15	13	PASS
				RB12#0	6.81	13	PASS
				RB12#6	6.77	13	PASS
				RB12#13	7.01	13	PASS
				RB25#0	7.08	13	PASS
			HCH	RB1#0	6.63	13	PASS
				RB1#13	6.55	13	PASS
				RB1#24	6.44	13	PASS
				RB12#0	7.34	13	PASS
				RB12#6	7.32	13	PASS
				RB12#13	7.32	13	PASS
				RB25#0	7.46	13	PASS
		10	LCH	RB1#0	5.83	13	PASS
				RB1#25	5.84	13	PASS
				RB1#49	5.83	13	PASS
				RB25#0	7.12	13	PASS
				RB25#13	7.12	13	PASS
				RB25#25	7.22	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	7.56	13	PASS
			MCH	RB1#0	5.84	13	PASS
				RB1#25	6.15	13	PASS
				RB1#49	6.06	13	PASS
				RB25#0	7.36	13	PASS
				RB25#13	7.3	13	PASS
				RB25#25	7.61	13	PASS
				RB50#0	7.32	13	PASS
			HCH	RB1#0	6.82	13	PASS
				RB1#25	6.85	13	PASS
				RB1#49	6.71	13	PASS
				RB25#0	7.49	13	PASS
				RB25#13	7.58	13	PASS
				RB25#25	7.61	13	PASS
				RB50#0	7.61	13	PASS
		15	LCH	RB1#0	6.15	13	PASS
				RB1#38	6.03	13	PASS
				RB1#74	6.1	13	PASS
				RB38#0	7.45	13	PASS
				RB38#19	7.4	13	PASS
				RB38#39	7.58	13	PASS
				RB75#0	7.35	13	PASS
			MCH	RB1#0	6.2	13	PASS
				RB1#38	6.34	13	PASS
				RB1#74	6.46	13	PASS
				RB38#0	7.39	13	PASS
				RB38#19	7.38	13	PASS
				RB38#39	7.71	13	PASS
				RB75#0	7.66	13	PASS
			HCH	RB1#0	5.89	13	PASS
				RB1#38	5.87	13	PASS
				RB1#74	5.87	13	PASS
				RB38#0	7.19	13	PASS
				RB38#19	7.15	13	PASS
				RB38#39	7.22	13	PASS
				RB75#0	7.37	13	PASS
		20	LCH	RB1#0	6.19	13	PASS
				RB1#50	6.23	13	PASS
				RB1#99	6.17	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	7.22	13	PASS
				RB50#25	7.2	13	PASS
				RB50#50	7.23	13	PASS
				RB100#0	7.58	13	PASS
			MCH	RB1#0	5.42	13	PASS
				RB1#50	5.39	13	PASS
				RB1#99	5.55	13	PASS
				RB50#0	7.32	13	PASS
				RB50#25	7.42	13	PASS
				RB50#50	7.42	13	PASS
				RB100#0	7.57	13	PASS
			HCH	RB1#0	6.02	13	PASS
				RB1#50	6.27	13	PASS
				RB1#99	6.21	13	PASS
				RB50#0	7.25	13	PASS
				RB50#25	7.16	13	PASS
				RB50#50	7.22	13	PASS
				RB100#0	7.62	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

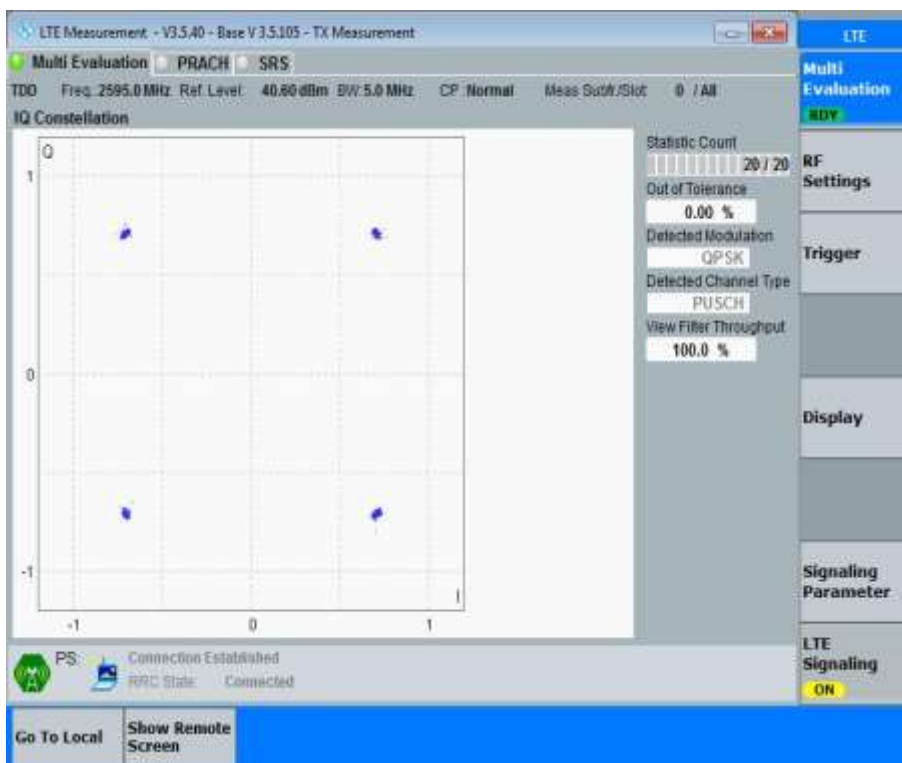
3.1.1 Test Band = BAND38

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

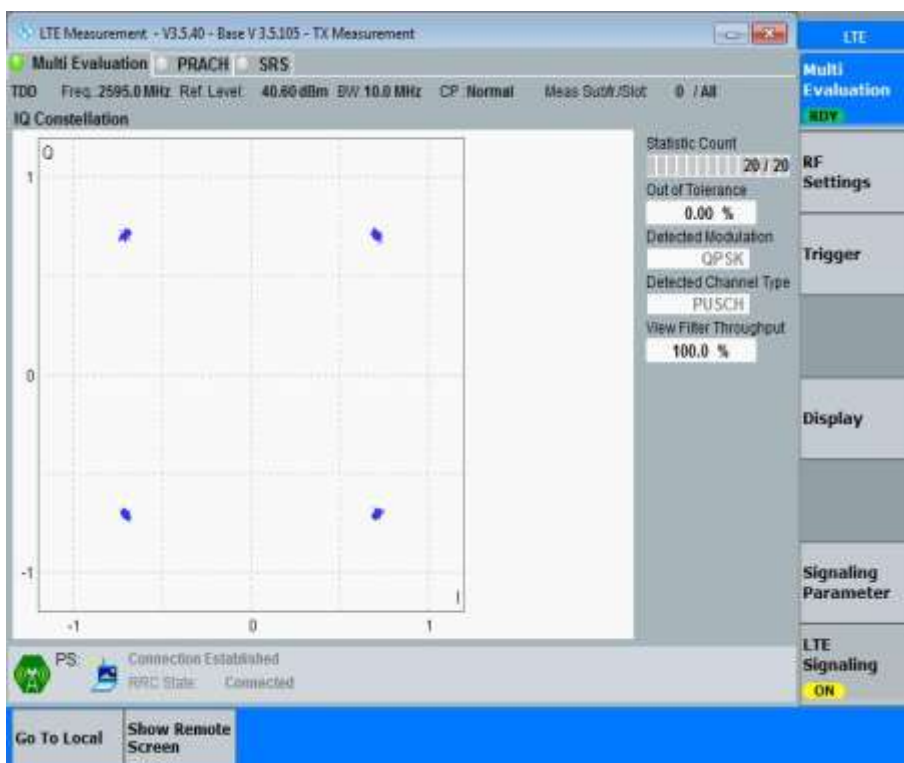
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

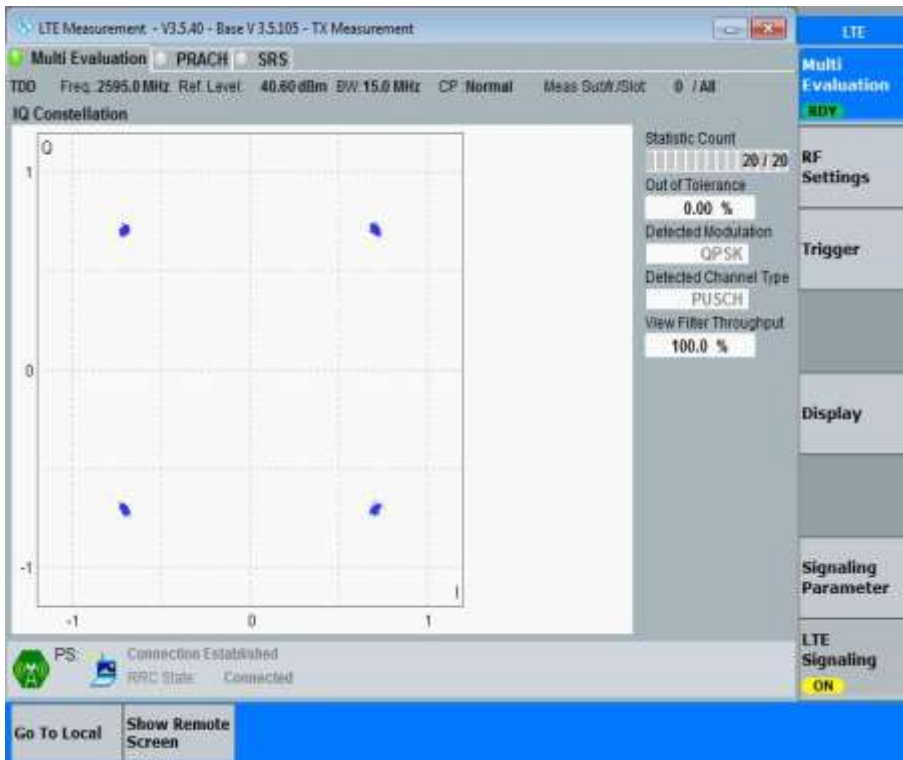
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

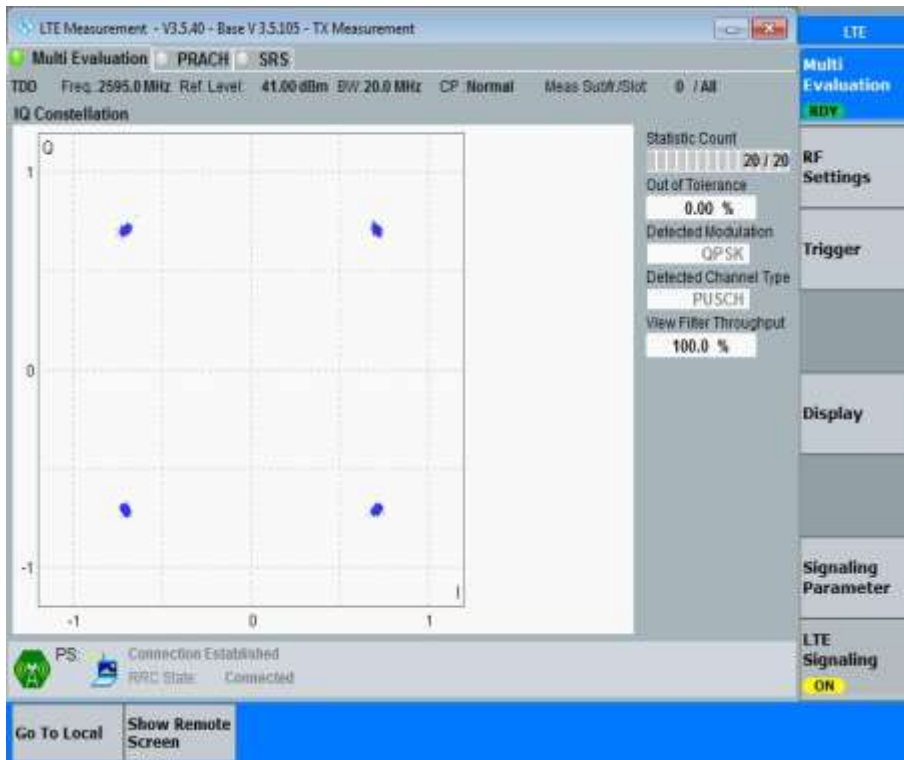
3.1.1.1.3.1.1 Test RB = RB75#0



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

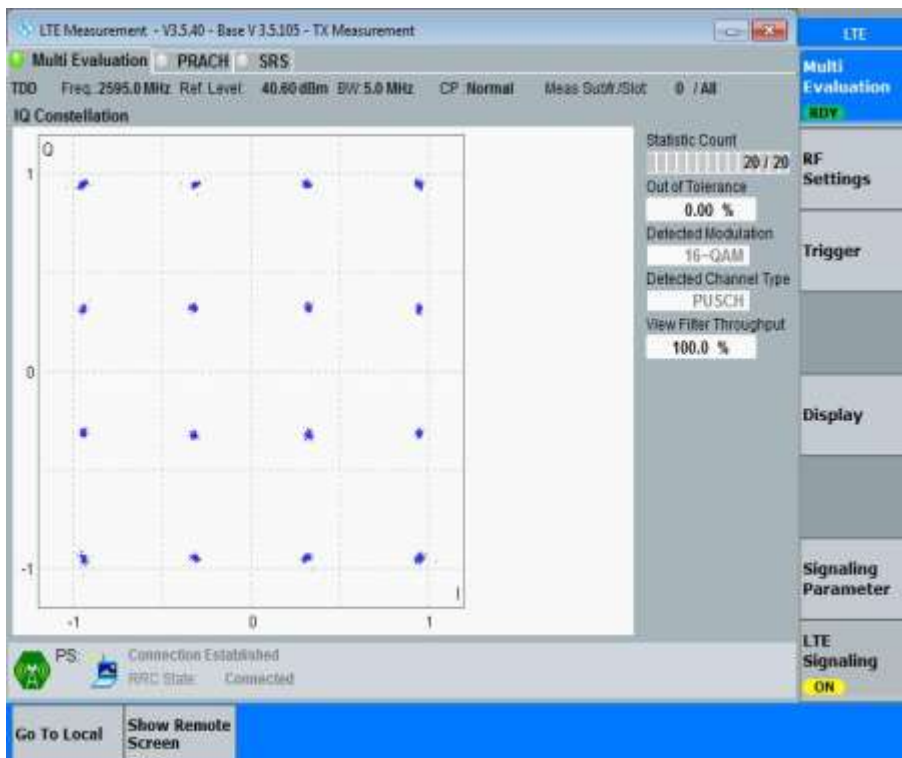


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

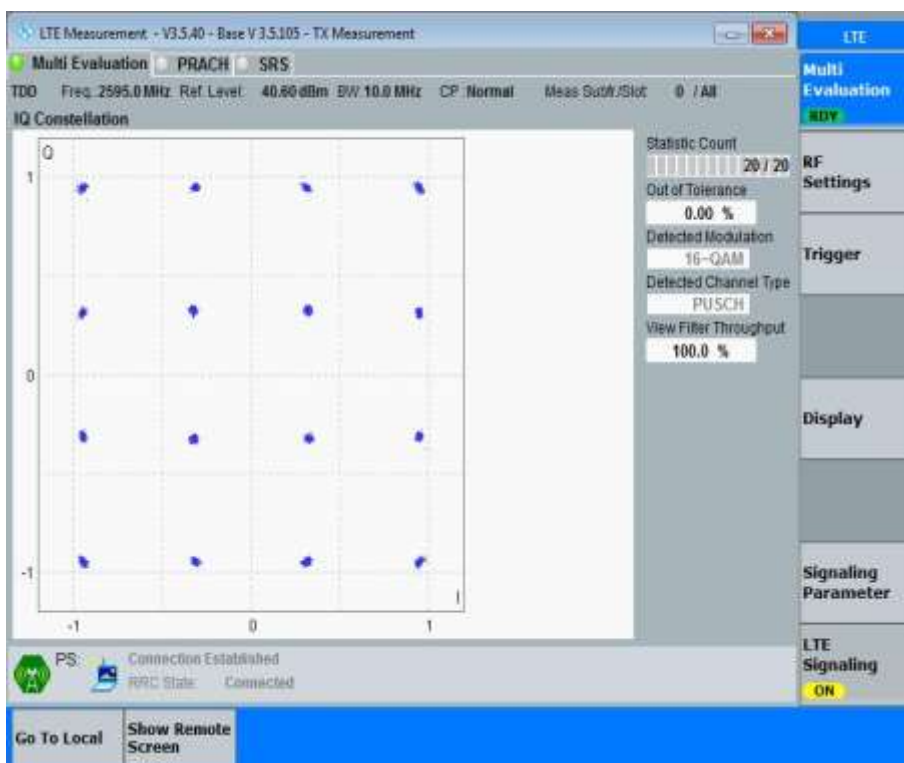
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

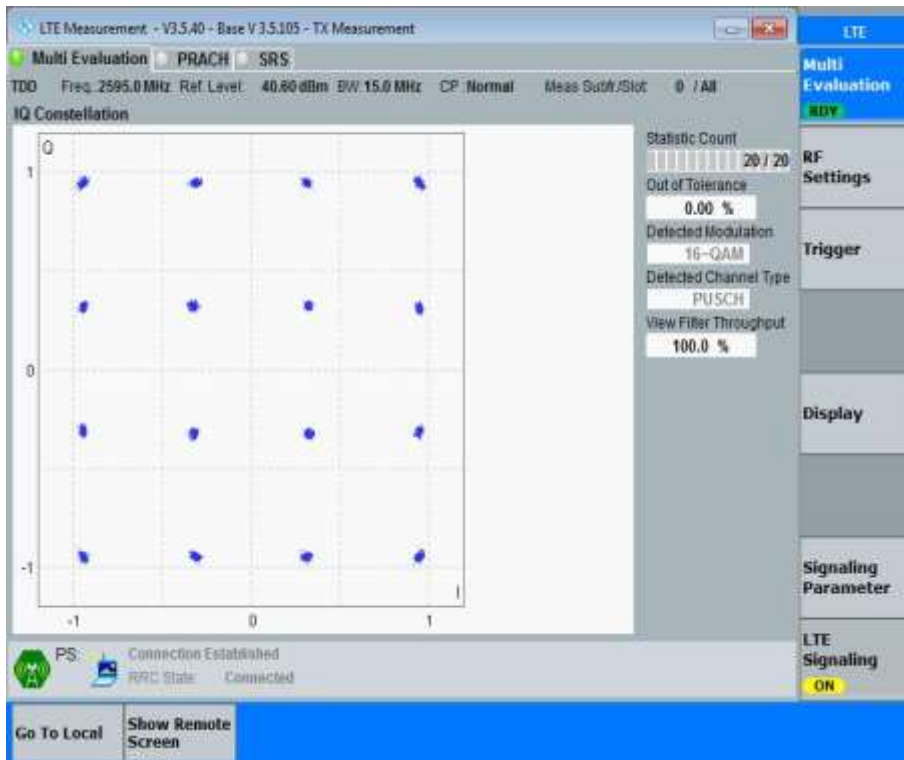
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

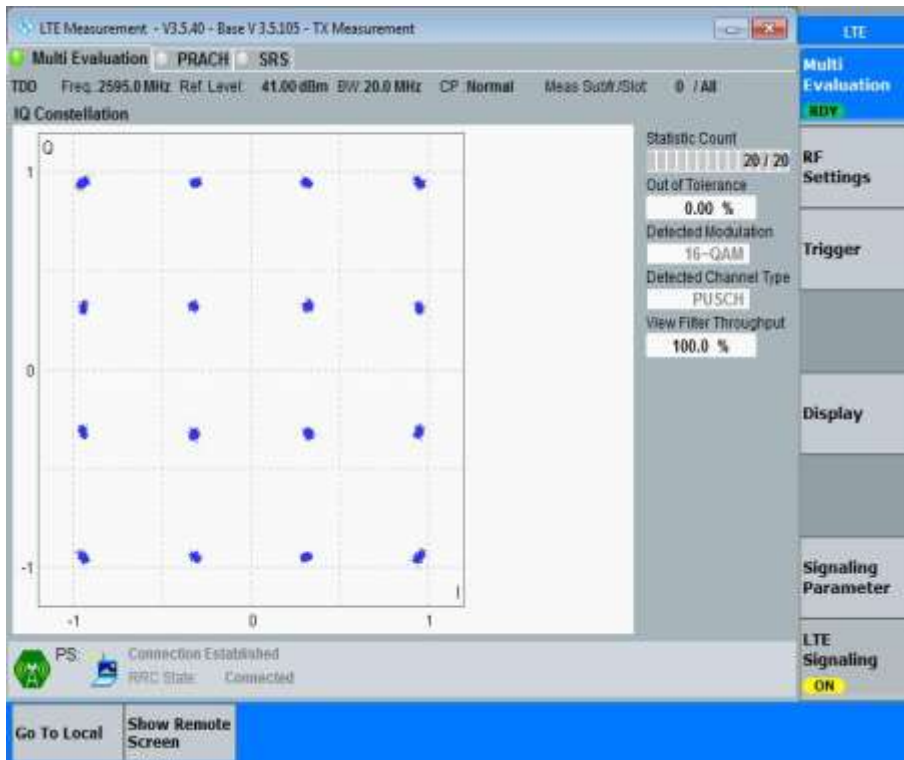
3.1.1.2.3.1.1 Test RB = RB75#0



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
BAND38	LTE/TM1	5	LCH	RB25#0	4.52	5.08	Pass
			MCH	RB25#0	4.51	5.00	Pass
			HCH	RB25#0	4.50	5.03	Pass
		10	LCH	RB50#0	9.01	9.92	Pass
			MCH	RB50#0	8.98	9.88	Pass
			HCH	RB50#0	8.99	9.91	Pass
		15	LCH	RB75#0	13.48	15.03	Pass
			MCH	RB75#0	13.44	14.88	Pass
			HCH	RB75#0	13.48	15.31	Pass
		20	LCH	RB100#0	18.06	19.86	Pass
			MCH	RB100#0	18.04	19.85	Pass
			HCH	RB100#0	18.03	20.09	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	5.14	Pass
			MCH	RB25#0	4.54	4.97	Pass
			HCH	RB25#0	4.51	5.19	Pass
		10	LCH	RB50#0	8.99	9.92	Pass
			MCH	RB50#0	9.00	9.92	Pass
			HCH	RB50#0	8.99	9.90	Pass
		15	LCH	RB75#0	13.52	14.94	Pass
			MCH	RB75#0	13.48	15.02	Pass
			HCH	RB75#0	13.50	15.03	Pass
		20	LCH	RB100#0	17.96	19.77	Pass
			MCH	RB100#0	18.04	19.90	Pass
			HCH	RB100#0	18.03	19.85	Pass

Part II - Test Plots

4.1 For LTE

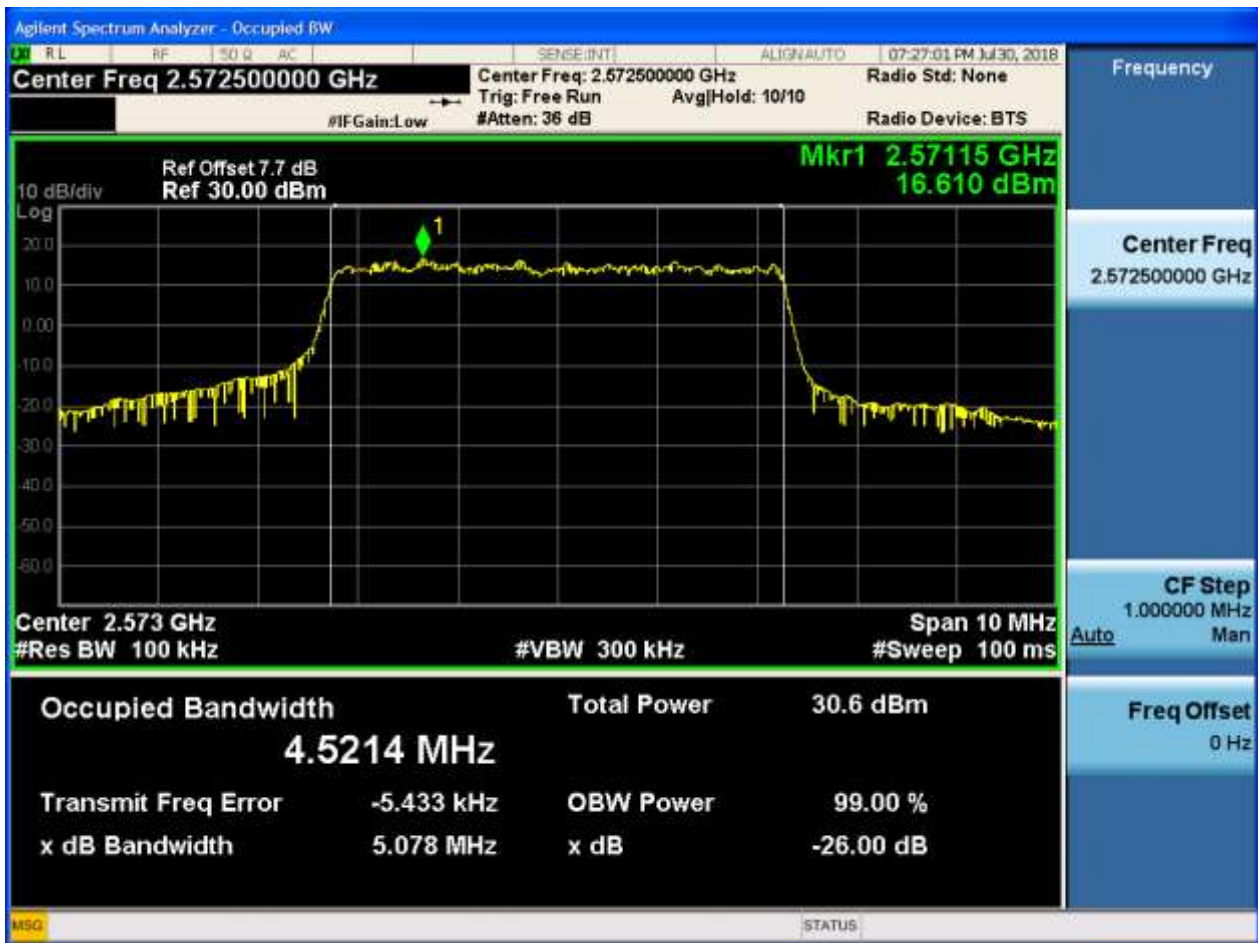
4.1.1 Test Band = BAND38

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 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

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



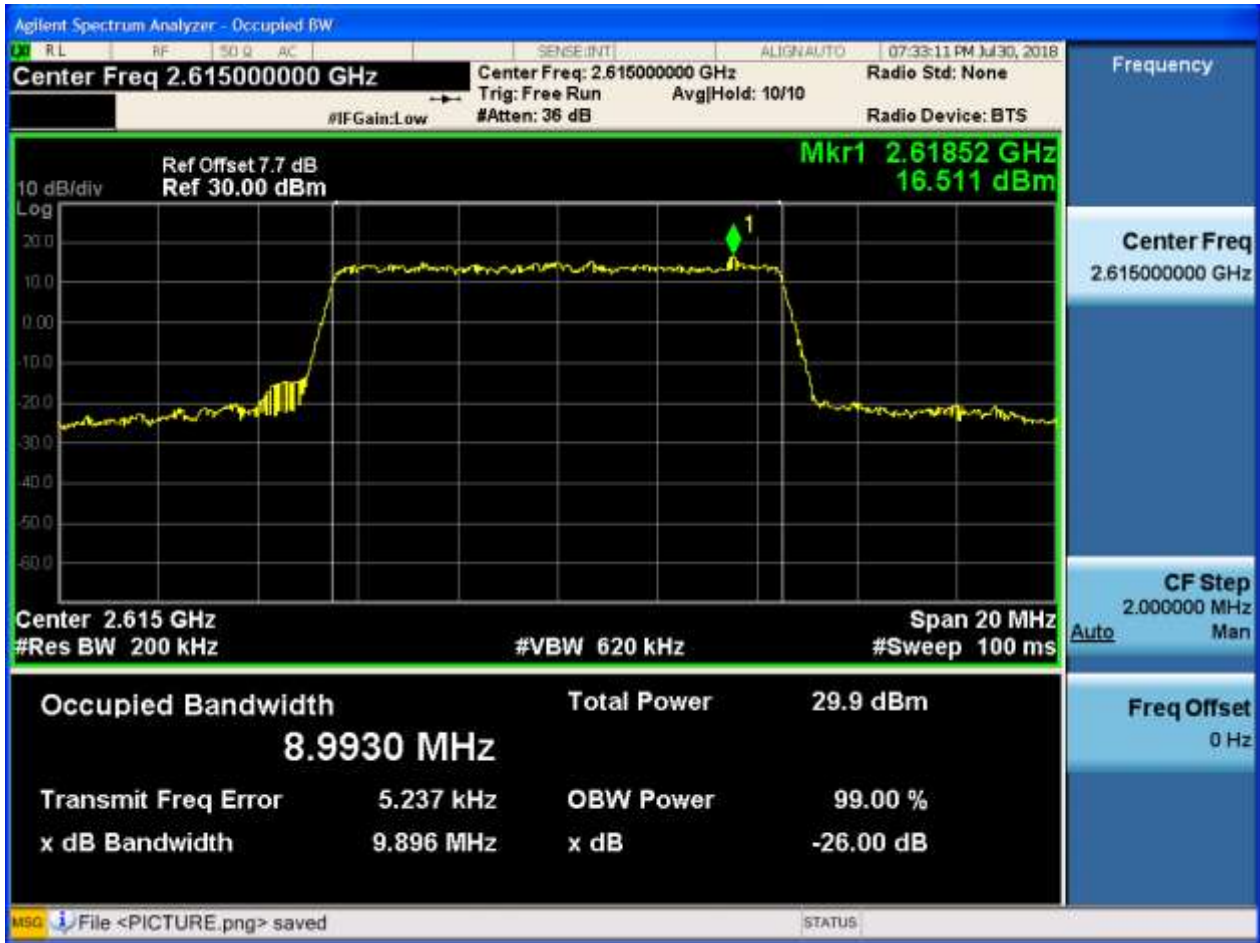
4.1.1.2.2.2 Test Channel = MCH

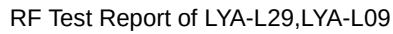
4.1.1.2.2.2.1 Test RB = RB50#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0







4.1.1.2.3.2 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

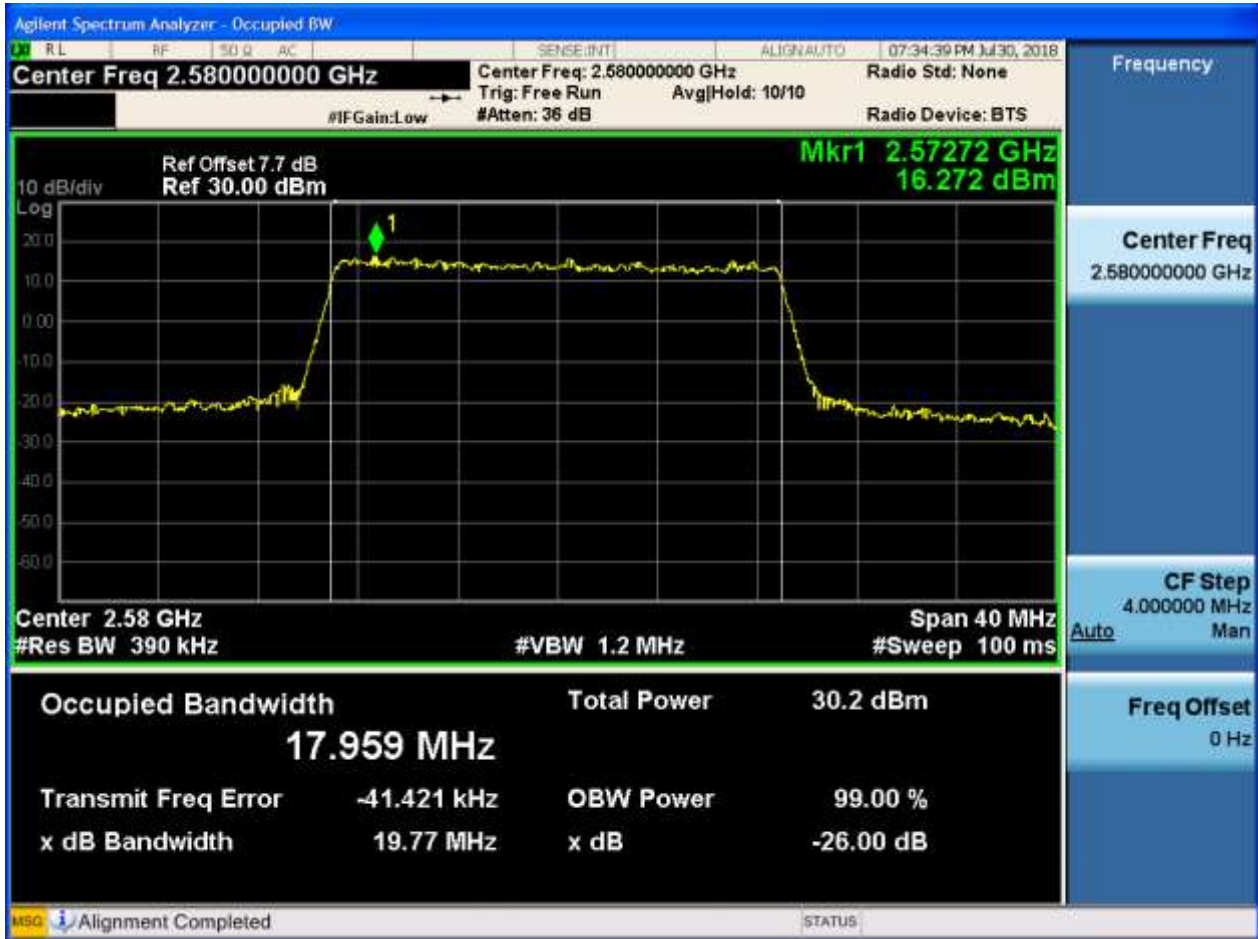




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0



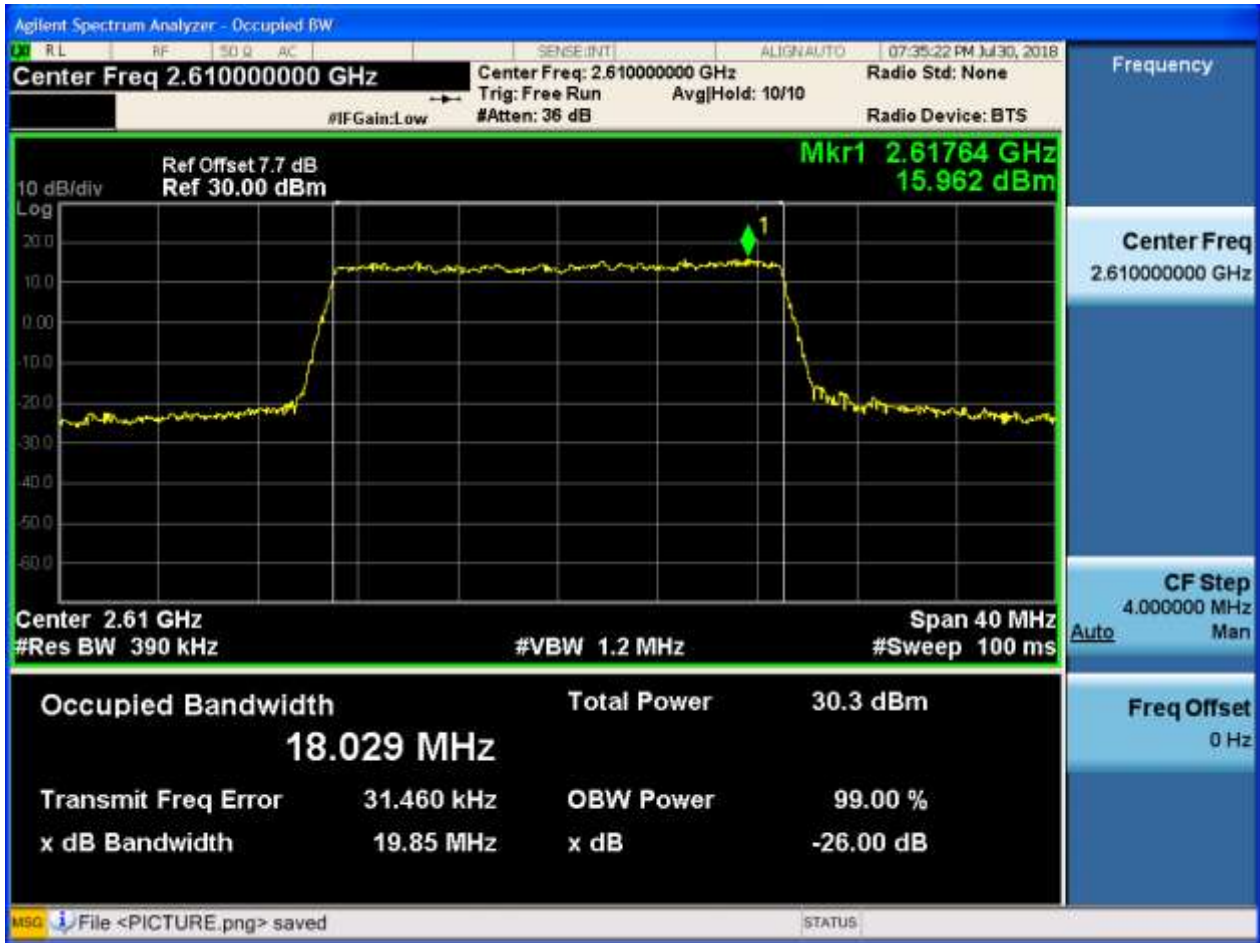
4.1.1.2.4.2 Test Channel = MCH

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

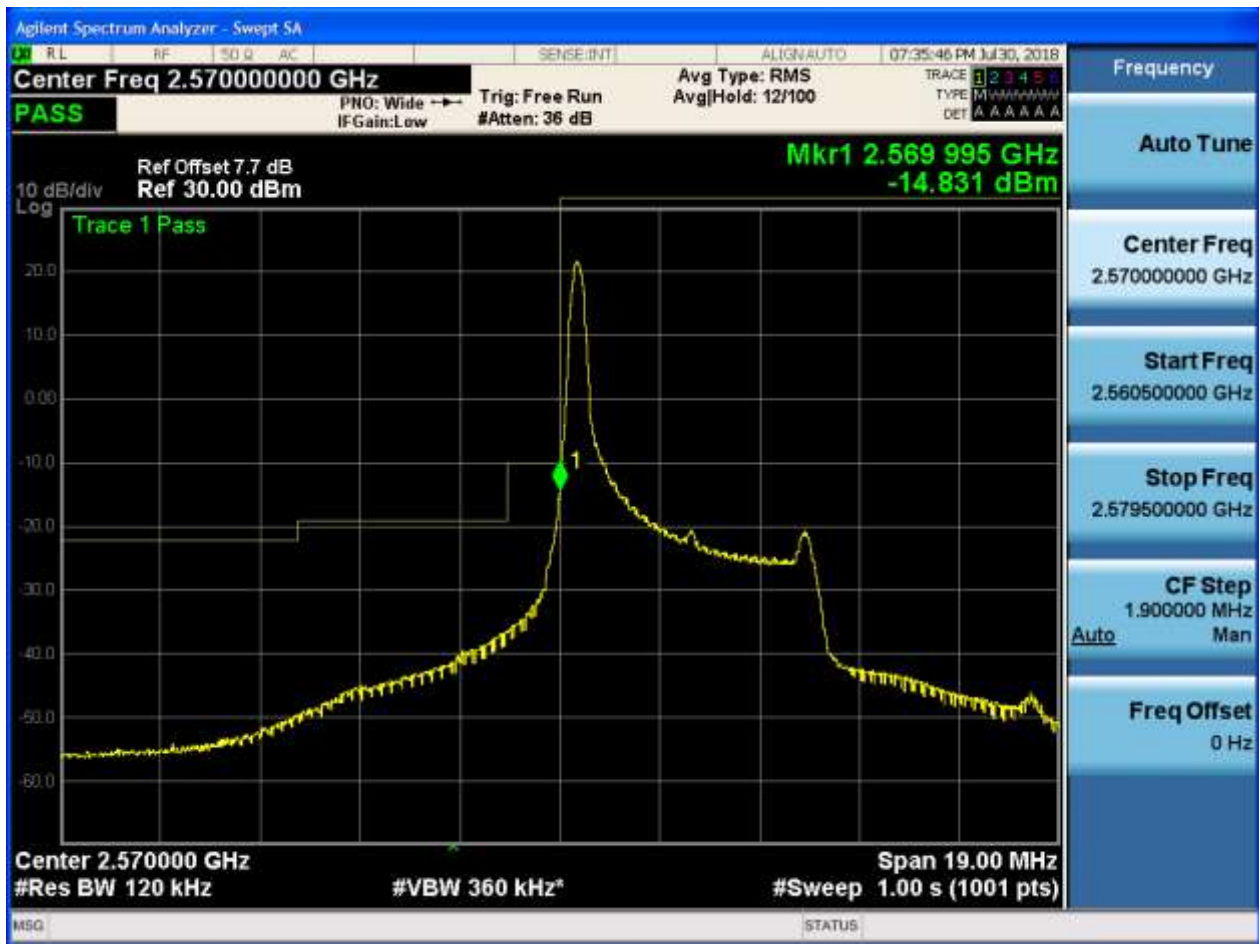
5.1.1 Test Band = BAND38

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

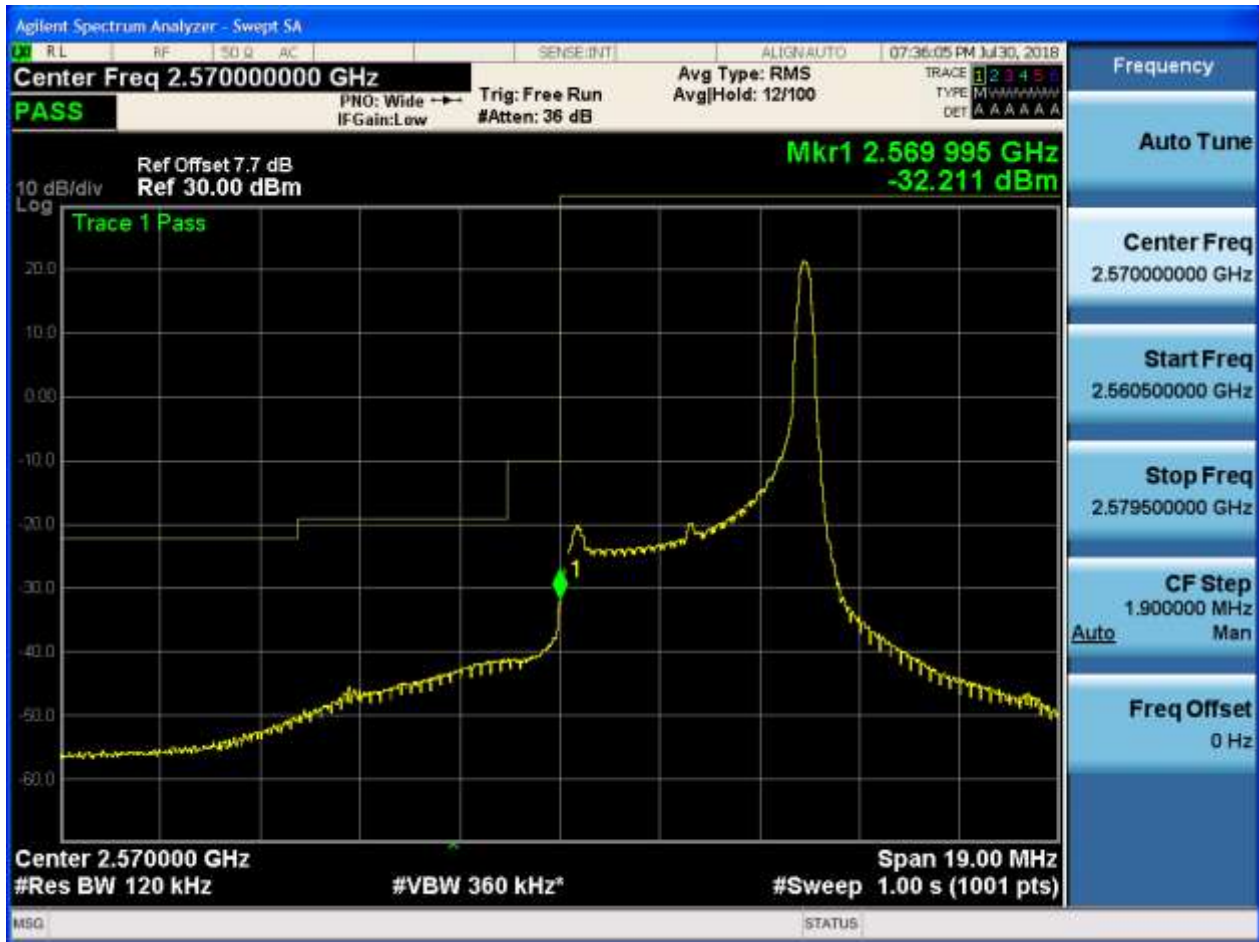
5.1.1.1.1.1 Test Channel = LCH

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



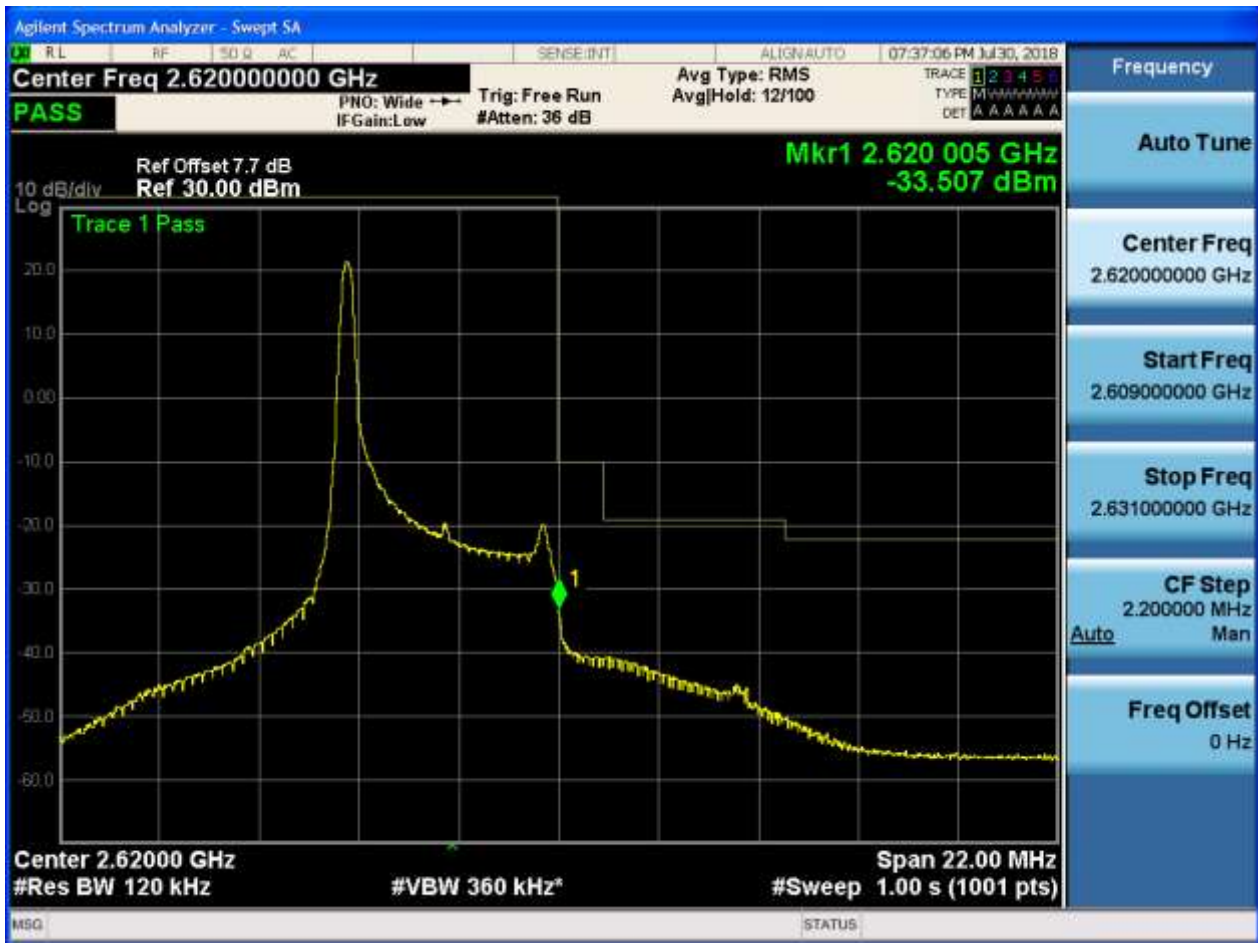


5.1.1.1.1.4 Test RB = RB25#0



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





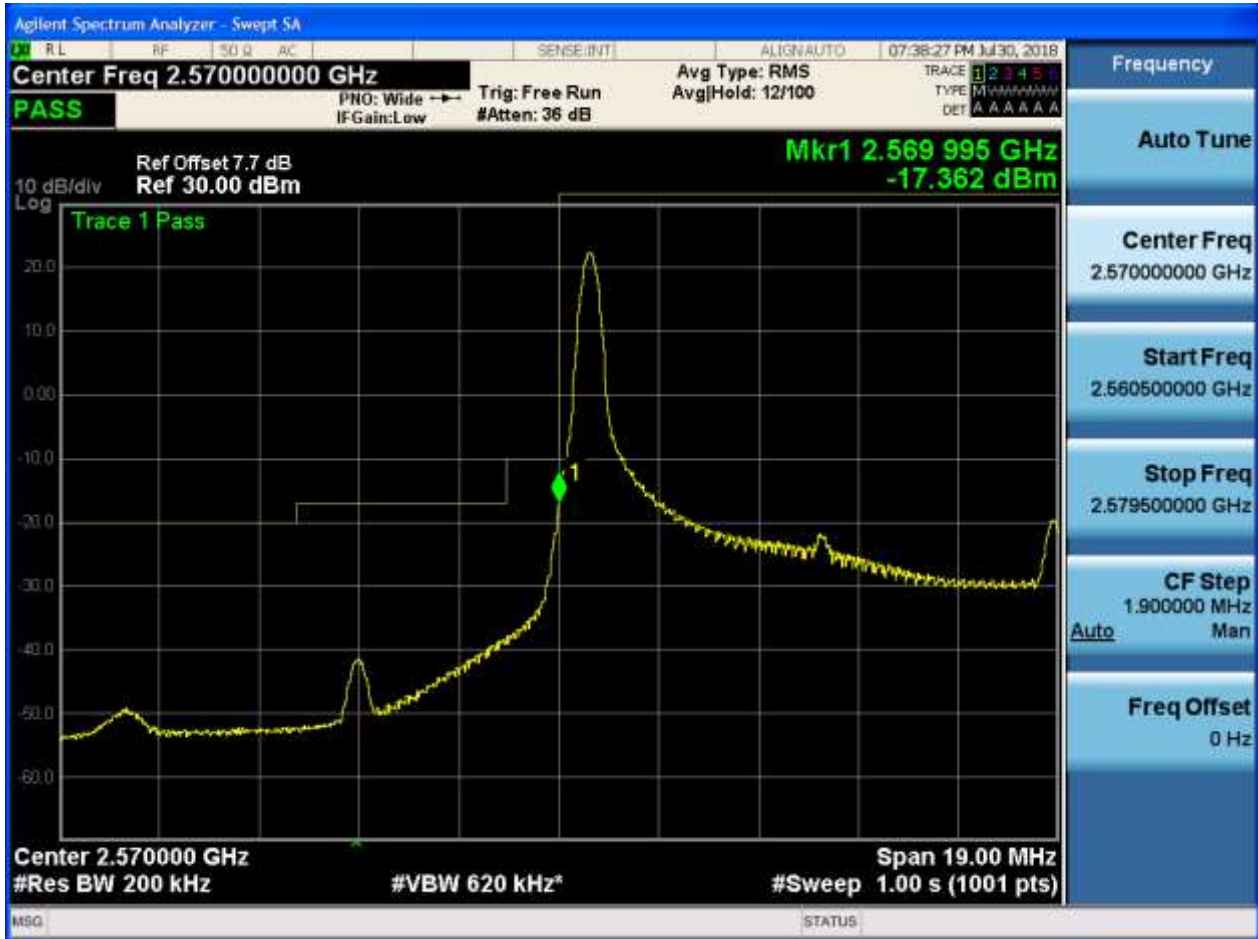
5.1.1.1.2.4 Test RB = RB25#0



5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 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





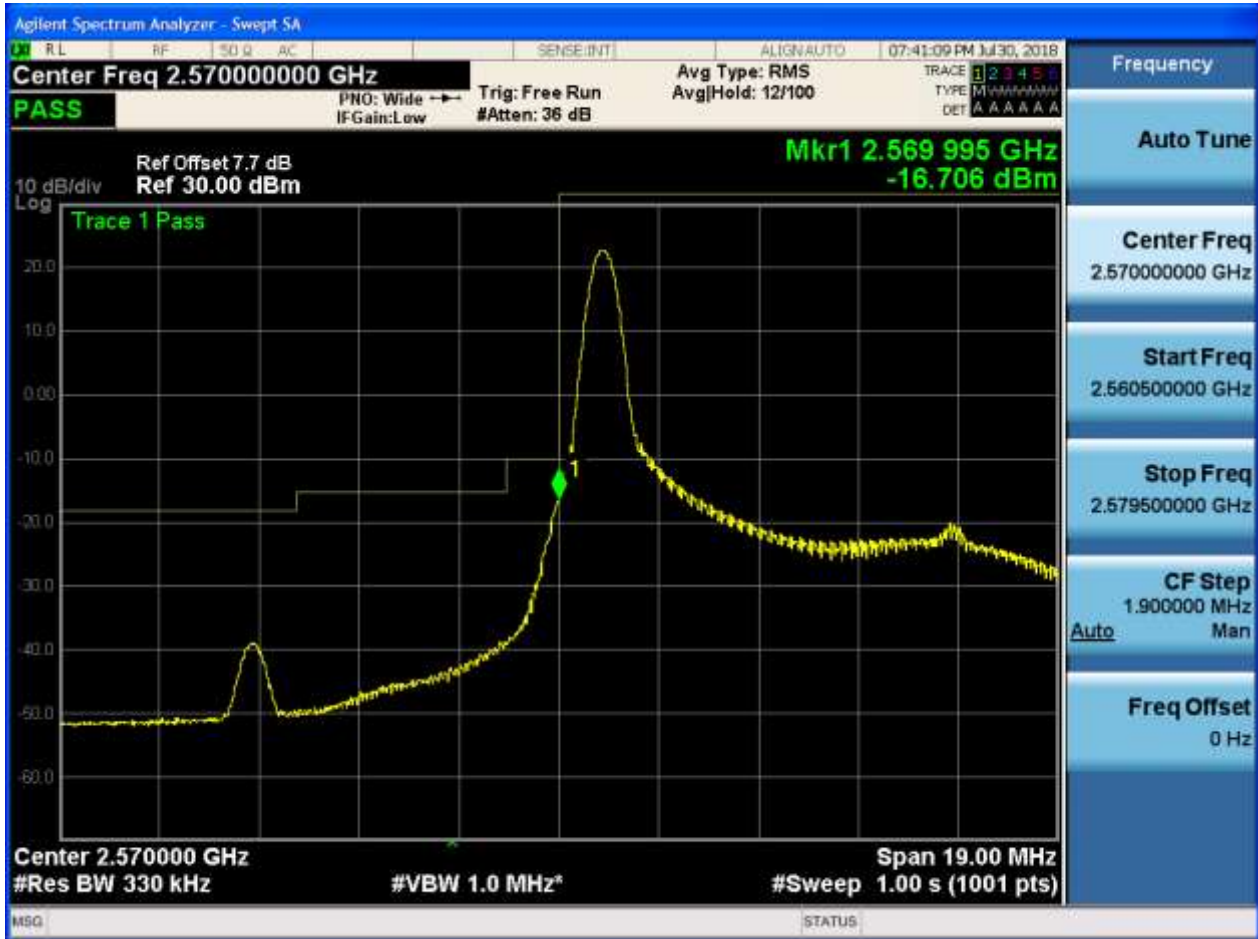
5.1.1.1.2.2.4 Test RB = RB50#0



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

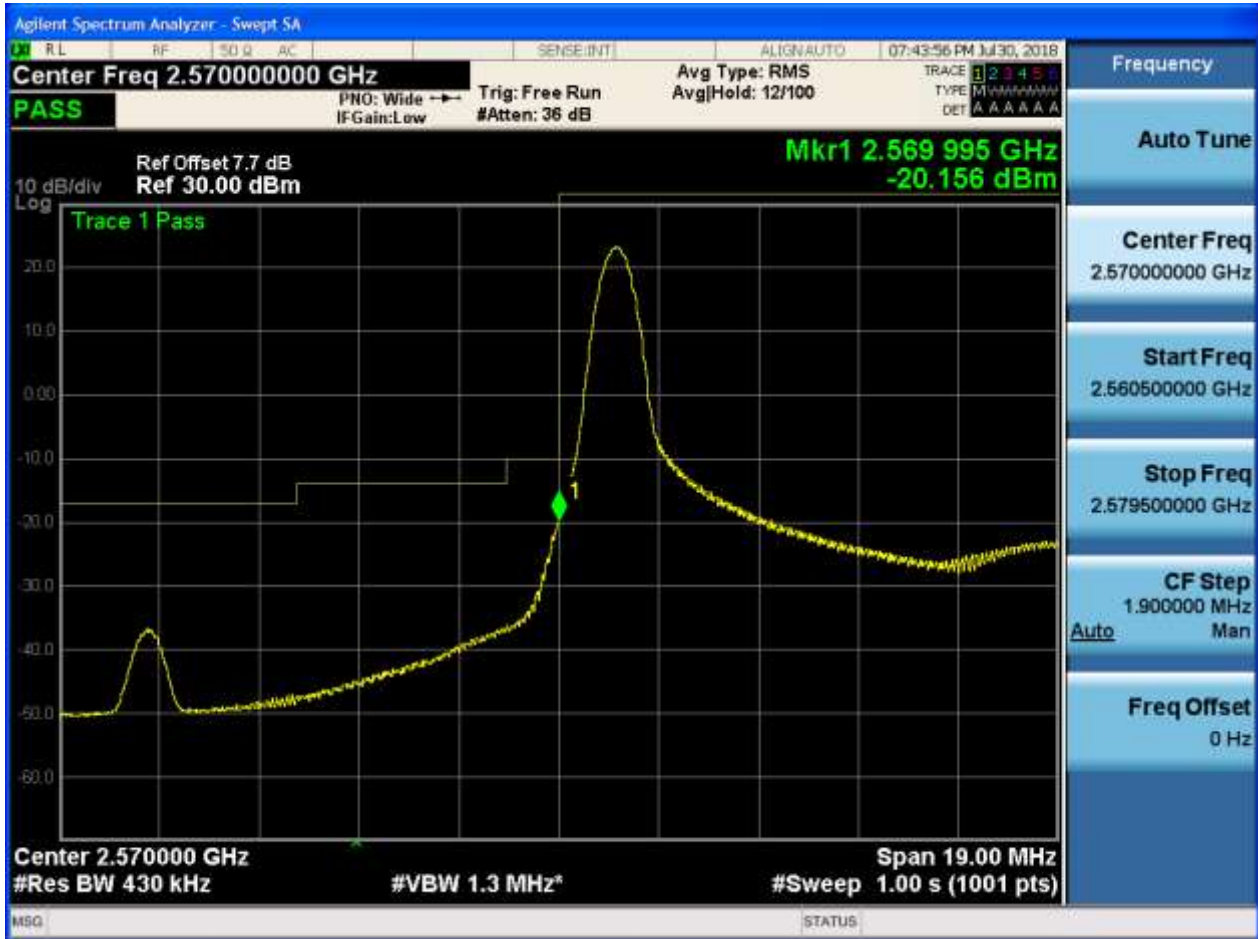




5.1.1.1.4 Test Bandwidth = 20

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



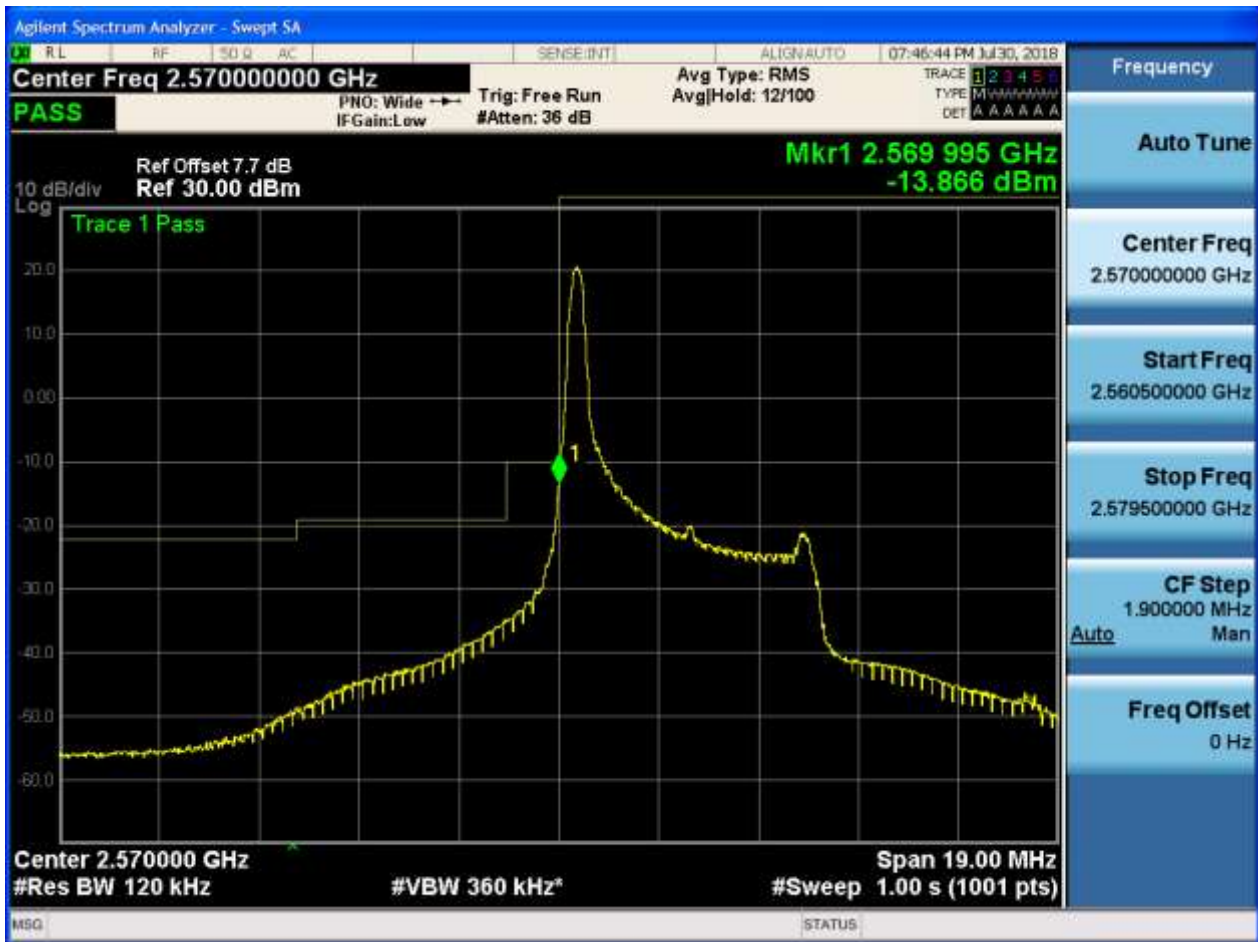


5.1.1.2 Test Mode = LTE/TM2

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



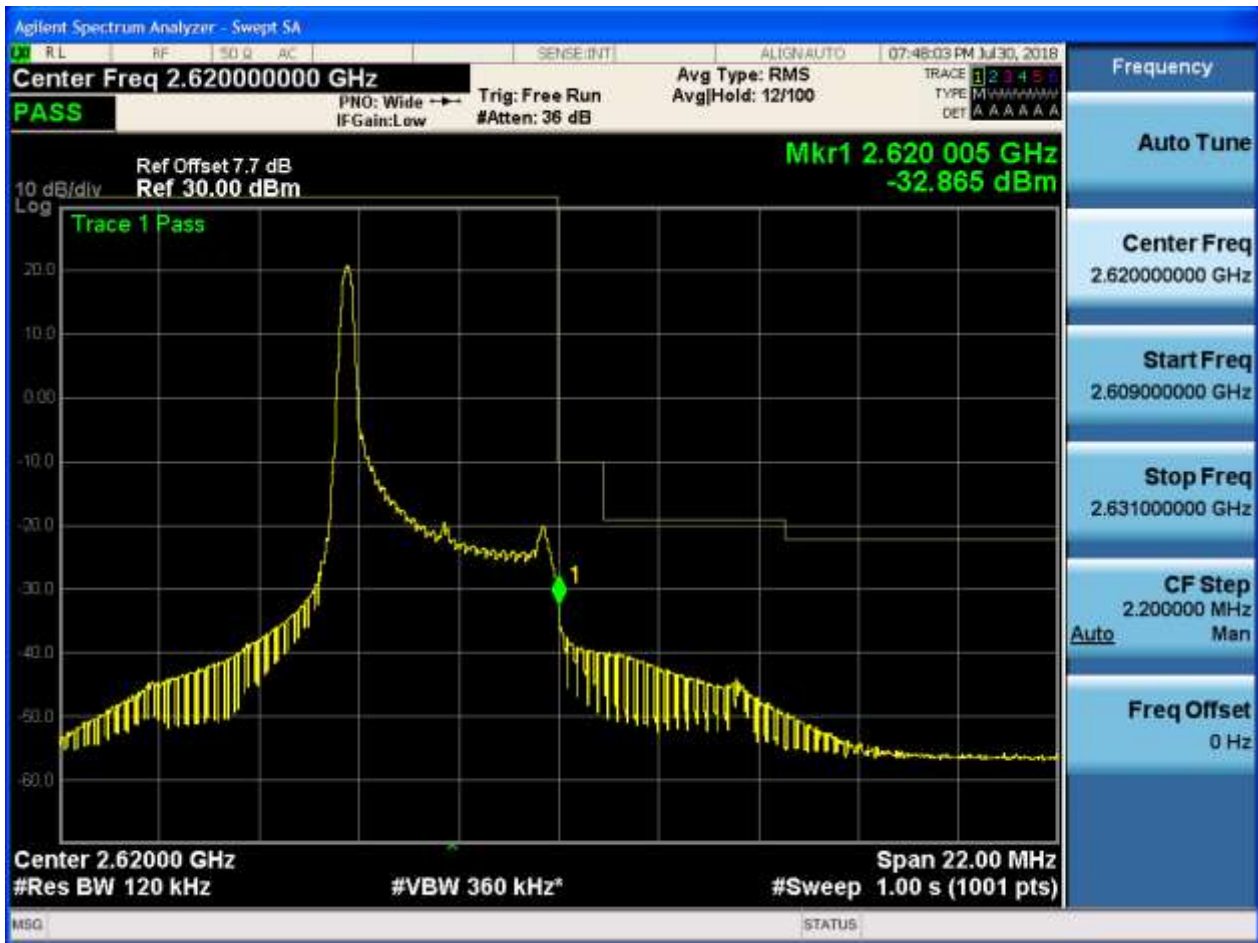


5.1.1.2.1.1.4 Test RB = RB25#0



5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



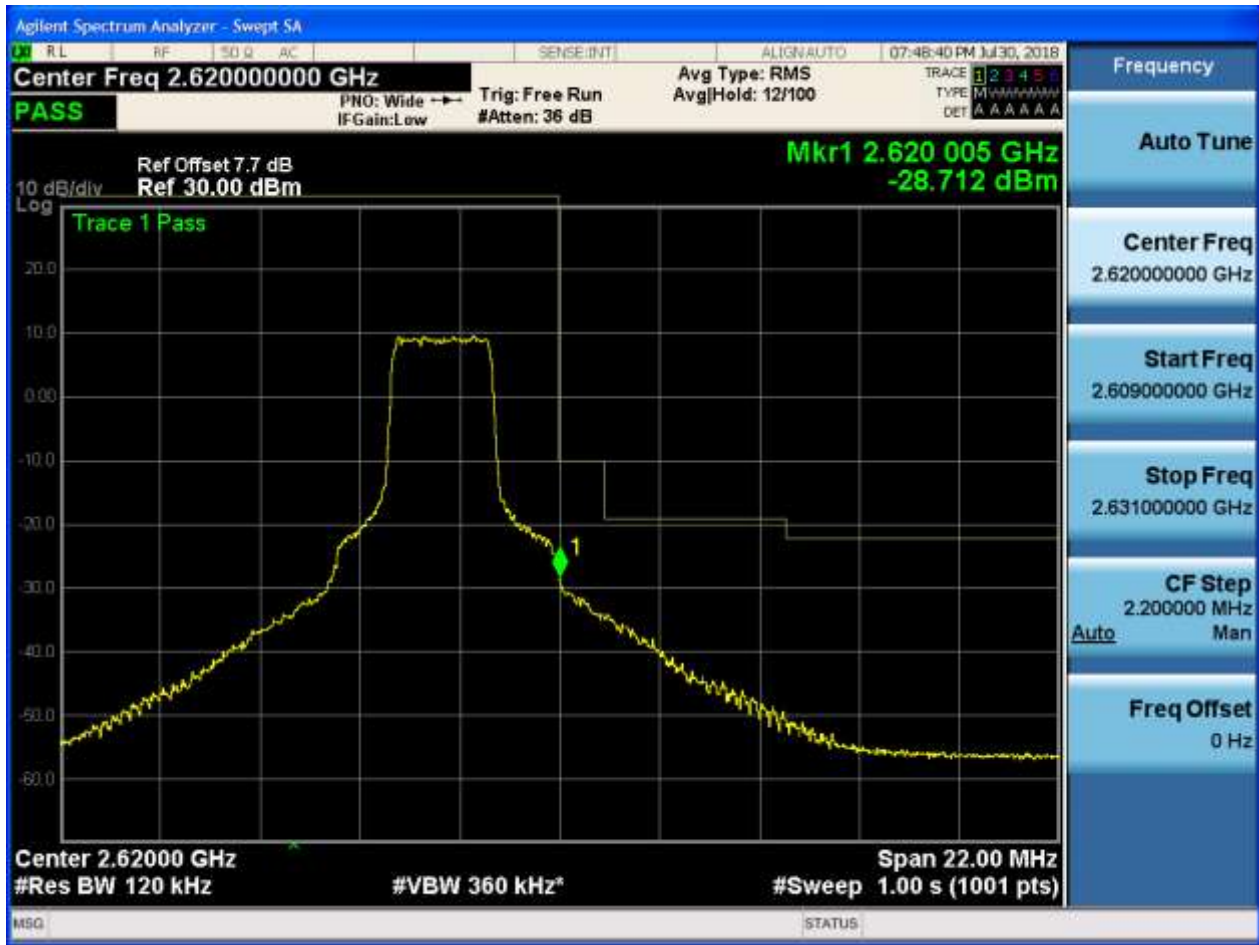


5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

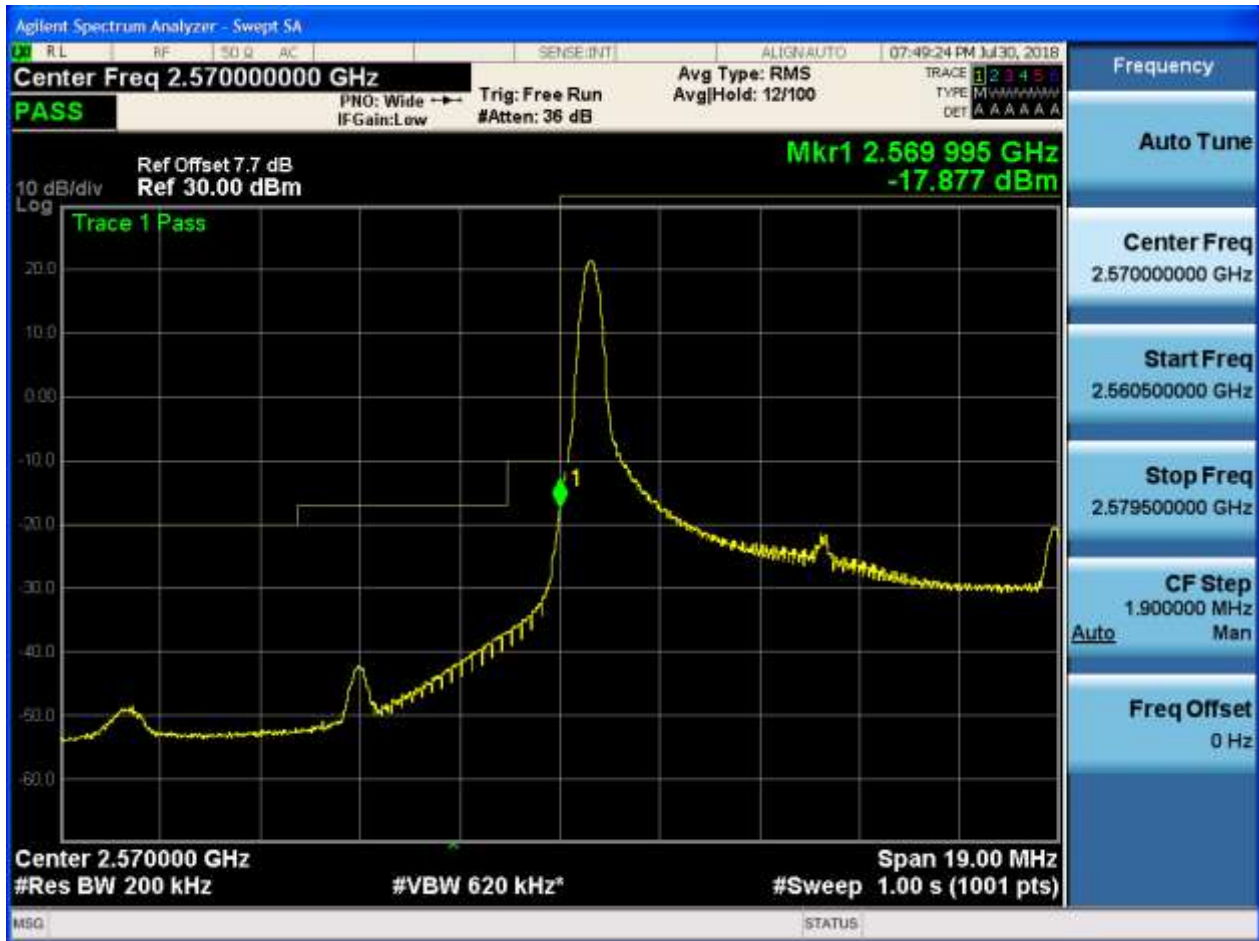




5.1.1.2.2 Test Bandwidth = 10

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



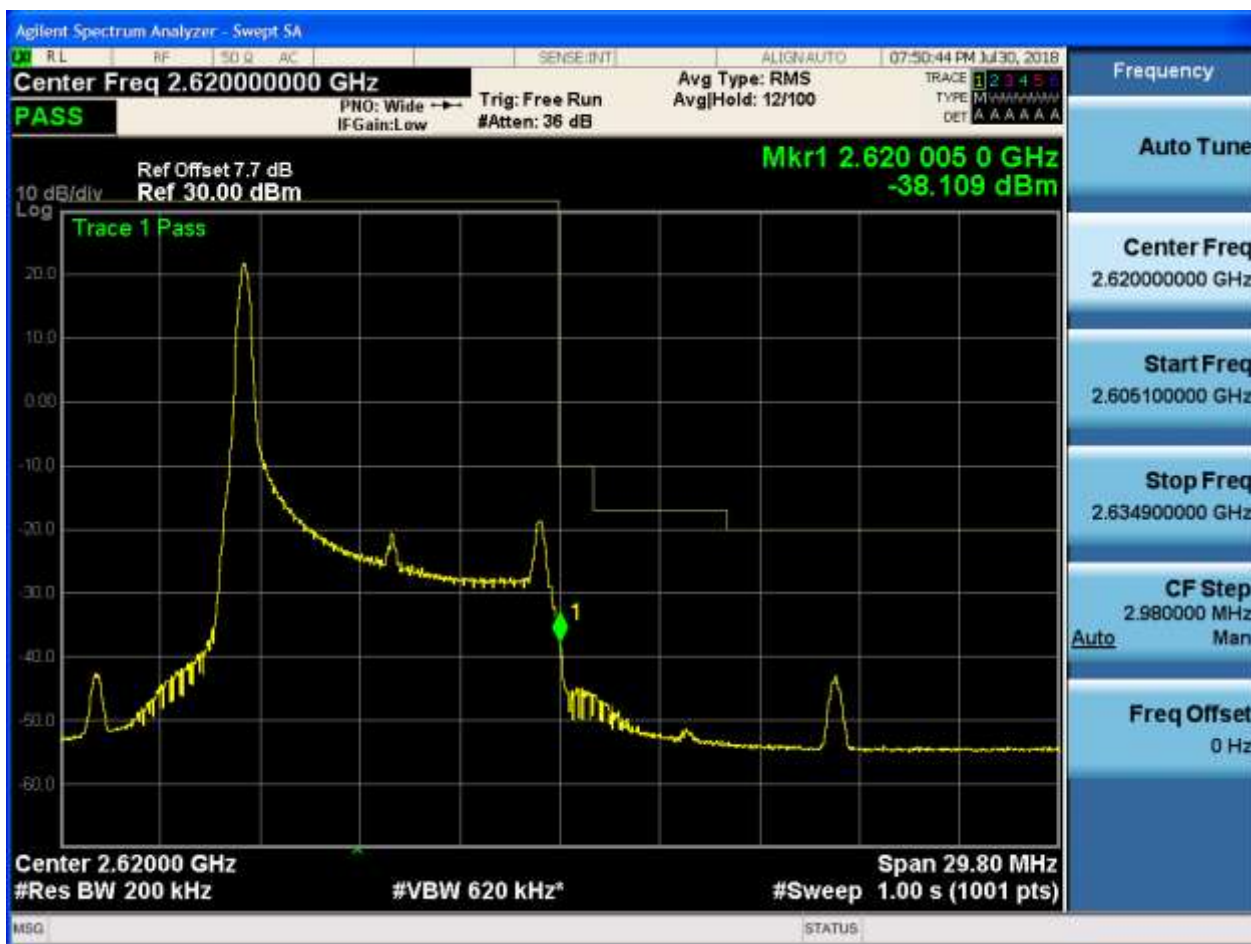


5.1.1.2.2.1.4 Test RB = RB50#0



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

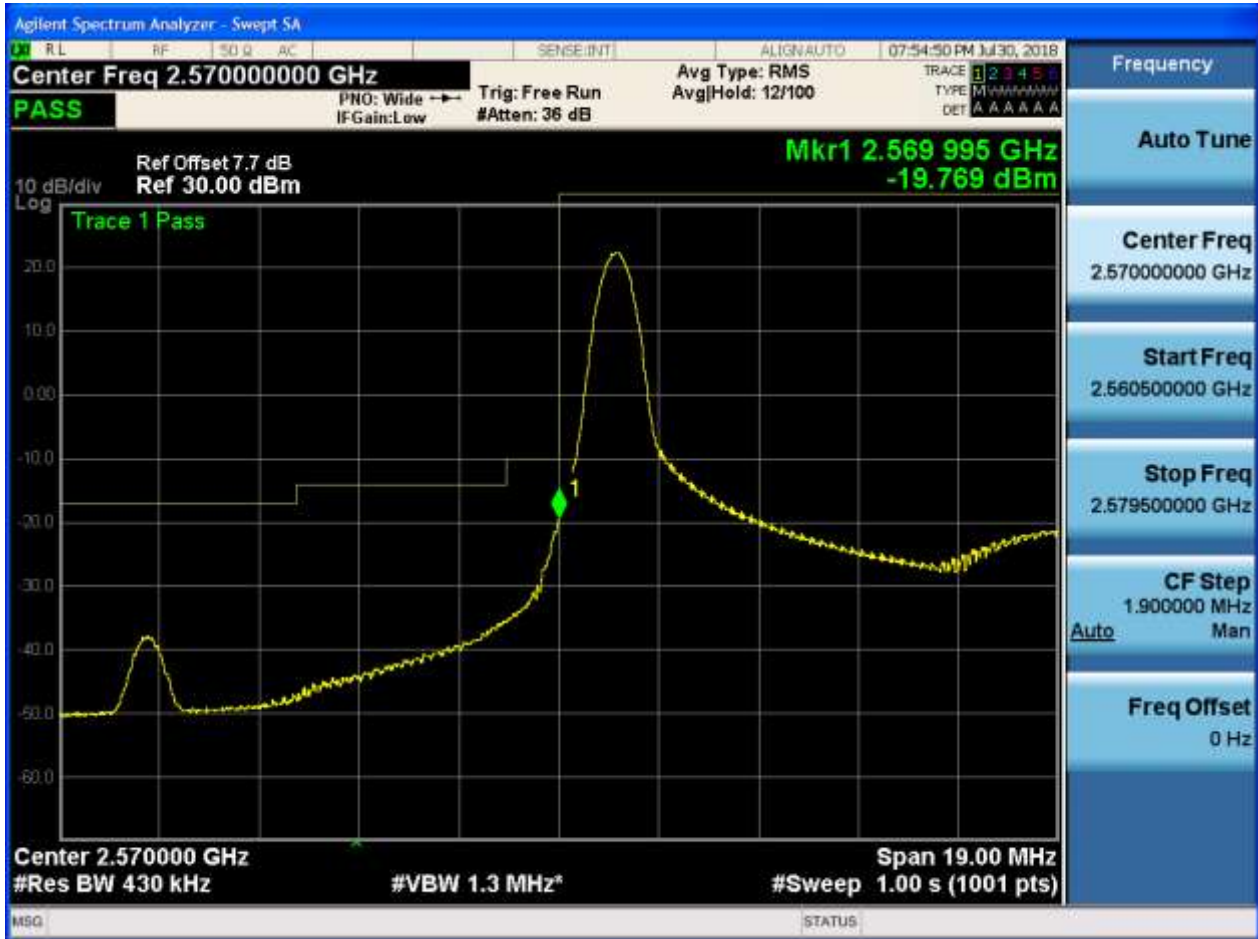




5.1.1.2.4 Test Bandwidth = 20

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





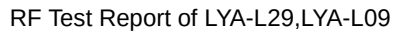
5.1.1.2.4.1.4 Test RB = RB100#0



5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.62000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.620 005 0 GHz
-20.764 dBm

Center 2.62000 GHz
#Res BW 430 kHz
#VBW 1.3 MHz*
#Sweep 1.00 s (1001 pts)

Span 49.70 MHz

Frequency

Auto Tune

Center Freq
2.62000000 GHz

Start Freq
2.595150000 GHz

Stop Freq
2.644850000 GHz

CF Step
4.970000 MHz
Man

Auto

Freq Offset
0 Hz



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 = BAND38

6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0









6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0









6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0









6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0









6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



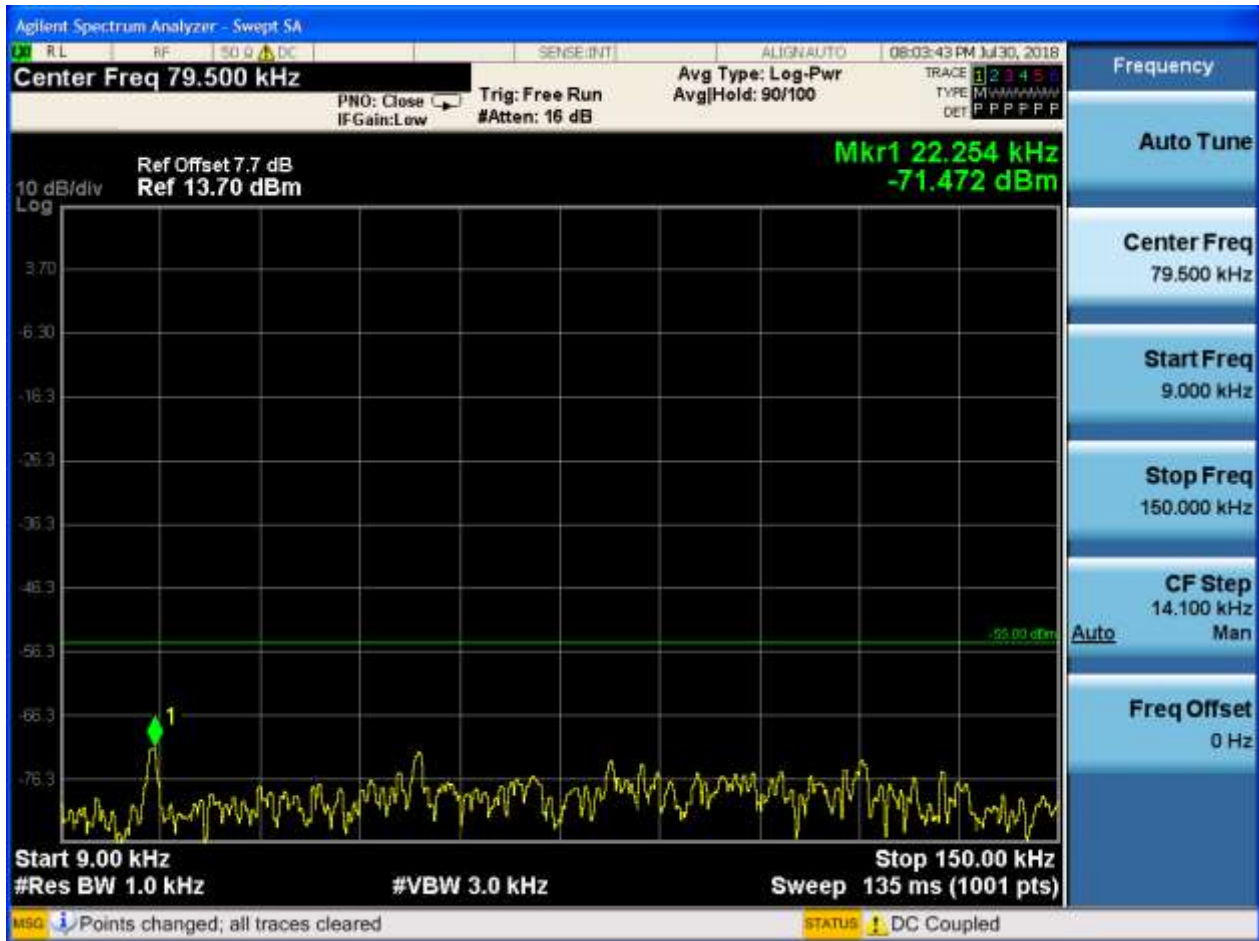






6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0









6.1.1.1.3 Test Bandwidth = 15

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0







6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0







6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0









6.1.1.1.4 Test Bandwidth = 20

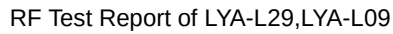
6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0









6.1.1.1.4.2.1 Test RB = RB1#0







6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0









6.1.1.2 Test Mode = LTE/TM2

6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



