



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]	ERP[dBm]	Limit [dBm]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	23.54	18.64	38.50	PASS
				RB1#3	23.16	18.16	38.50	PASS
				RB1#5	23.49	18.57	38.50	PASS
				RB3#0	23.47	18.48	38.50	PASS
				RB3#2	23.23	18.17	38.50	PASS
				RB3#3	23.51	18.50	38.50	PASS
			MCH	RB6#0	22.44	17.52	38.50	PASS
				RB1#0	23.52	18.56	38.50	PASS
				RB1#3	23.28	18.29	38.50	PASS
				RB1#5	23.64	18.56	38.50	PASS
				RB3#0	23.46	18.54	38.50	PASS
				RB3#2	23.34	18.44	38.50	PASS
				RB3#3	23.35	18.17	38.50	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
			HCH	RB6#0	22.48	17.55	38.50	PASS
				RB1#0	23.6	18.44	38.50	PASS
				RB1#3	23.33	18.21	38.50	PASS
				RB1#5	23.74	18.56	38.50	PASS
				RB3#0	23.43	18.52	38.50	PASS
				RB3#2	23.31	18.19	38.50	PASS
				RB3#3	23.21	18.03	38.50	PASS
				RB6#0	22.41	17.29	38.50	PASS
		3	LCH	RB1#0	23.51	18.47	38.50	PASS
				RB1#7	23.05	17.86	38.50	PASS
				RB1#14	23.48	18.51	38.50	PASS
				RB8#0	22.47	17.49	38.50	PASS
				RB8#4	22.51	17.36	38.50	PASS
				RB8#7	22.4	17.47	38.50	PASS
				RB15#0	22.45	17.40	38.50	PASS
			MCH	RB1#0	23.58	18.58	38.50	PASS
				RB1#7	22.85	17.67	38.50	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB1#14	23.52	18.62	38.50	PASS
				RB8#0	22.45	17.54	38.50	PASS
				RB8#4	22.45	17.25	38.50	PASS
				RB8#7	22.43	17.30	38.50	PASS
				RB15#0	22.45	17.37	38.50	PASS
			HCH	RB1#0	23.55	18.35	38.50	PASS
				RB1#7	22.72	17.58	38.50	PASS
				RB1#14	23.53	18.37	38.50	PASS
				RB8#0	22.54	17.48	38.50	PASS
				RB8#4	22.55	17.44	38.50	PASS
				RB8#7	22.5	17.44	38.50	PASS
				RB15#0	22.59	17.53	38.50	PASS
		5	LCH	RB1#0	23.51	18.54	38.50	PASS
				RB1#13	23.43	18.34	38.50	PASS
				RB1#24	23.44	18.34	38.50	PASS
				RB12#0	22.61	17.44	38.50	PASS
				RB12#6	22.44	17.50	38.50	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB12#13	22.5	17.53	38.50	PASS
				RB25#0	22.48	17.55	38.50	PASS
			MCH	RB1#0	23.45	18.53	38.50	PASS
				RB1#13	23.53	18.62	38.50	PASS
				RB1#24	23.49	18.33	38.50	PASS
				RB12#0	22.55	17.47	38.50	PASS
				RB12#6	22.5	17.34	38.50	PASS
				RB12#13	22.6	17.62	38.50	PASS
				RB25#0	22.49	17.47	38.50	PASS
			HCH	RB1#0	23.54	18.56	38.50	PASS
				RB1#13	23.57	18.54	38.50	PASS
				RB1#24	23.56	18.49	38.50	PASS
				RB12#0	22.5	17.48	38.50	PASS
				RB12#6	22.57	17.50	38.50	PASS
				RB12#13	22.6	17.54	38.50	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
		10		RB25#0	22.6	17.62	38.50	PASS
				RB1#0	23.49	18.47	38.50	PASS
			LCH	RB1#25	23.17	18.05	38.50	PASS
				RB1#49	23.51	18.50	38.50	PASS
				RB25#0	22.48	17.53	38.50	PASS
				RB25#13	22.39	17.21	38.50	PASS
				RB25#25	22.58	17.58	38.50	PASS
				RB50#0	22.56	17.57	38.50	PASS
			MCH	RB1#0	23.59	18.56	38.50	PASS
				RB1#25	23.25	18.22	38.50	PASS
				RB1#49	23.43	18.44	38.50	PASS
				RB25#0	22.58	17.66	38.50	PASS
				RB25#13	22.47	17.50	38.50	PASS
				RB25#25	22.44	17.25	38.50	PASS
				RB50#0	22.44	17.34	38.50	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.47	18.53	38.50	PASS
				RB1#25	23.3	18.17	38.50	PASS
				RB1#49	23.45	18.38	38.50	PASS
				RB25#0	22.45	17.30	38.50	PASS
				RB25#13	22.48	17.57	38.50	PASS
				RB25#25	22.63	17.65	38.50	PASS
				RB50#0	22.54	17.49	38.50	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.77	17.58	38.50	PASS
				RB1#3	22.43	17.38	38.50	PASS
				RB1#5	22.67	17.60	38.50	PASS
				RB3#0	22.59	17.43	38.50	PASS
				RB3#2	22.29	17.15	38.50	PASS
				RB3#3	22.45	17.53	38.50	PASS
				RB6#0	21.24	16.31	38.50	PASS
			MCH	RB1#0	22.61	17.53	38.50	PASS
				RB1#3	22.43	17.31	38.50	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB1#5	22.62	17.43	38.50	PASS
				RB3#0	22.48	17.35	38.50	PASS
				RB3#2	22.45	17.53	38.50	PASS
				RB3#3	22.51	17.54	38.50	PASS
				RB6#0	21.35	16.17	38.50	PASS
			HCH	RB1#0	22.73	17.77	38.50	PASS
				RB1#3	22.49	17.35	38.50	PASS
				RB1#5	22.62	17.43	38.50	PASS
				RB3#0	22.47	17.55	38.50	PASS
				RB3#2	22.35	17.23	38.50	PASS
				RB3#3	22.59	17.57	38.50	PASS
				RB6#0	21.28	16.20	38.50	PASS
		3	LCH	RB1#0	22.58	17.48	38.50	PASS
				RB1#7	22.15	17.09	38.50	PASS
				RB1#14	22.45	17.46	38.50	PASS
				RB8#0	21.41	16.46	38.50	PASS
				RB8#4	21.35	16.42	38.50	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB8#7	21.42	16.30	38.50	PASS
				RB15#0	21.41	16.45	38.50	PASS
			MCH	RB1#0	22.66	17.56	38.50	PASS
				RB1#7	22.09	17.01	38.50	PASS
				RB1#14	22.7	17.80	38.50	PASS
				RB8#0	21.43	16.30	38.50	PASS
				RB8#4	21.48	16.33	38.50	PASS
				RB8#7	21.46	16.51	38.50	PASS
				RB15#0	21.47	16.48	38.50	PASS
			HCH	RB1#0	22.52	17.44	38.50	PASS
				RB1#7	22.15	17.07	38.50	PASS
				RB1#14	22.6	17.41	38.50	PASS
				RB8#0	21.5	16.50	38.50	PASS
				RB8#4	21.26	16.24	38.50	PASS
				RB8#7	21.26	16.30	38.50	PASS
				RB15#0	21.51	16.43	38.50	PASS
		5	LCH	RB1#0	22.65	17.47	38.50	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB1#13	22.58	17.66	38.50	PASS
				RB1#24	22.52	17.48	38.50	PASS
				RB12#0	21.41	16.42	38.50	PASS
				RB12#6	21.46	16.31	38.50	PASS
				RB12#13	21.47	16.39	38.50	PASS
				RB25#0	21.35	16.19	38.50	PASS
			MCH	RB1#0	22.8	17.88	38.50	PASS
				RB1#13	22.82	17.77	38.50	PASS
				RB1#24	22.76	17.56	38.50	PASS
				RB12#0	21.43	16.26	38.50	PASS
				RB12#6	21.34	16.15	38.50	PASS
				RB12#13	21.51	16.48	38.50	PASS
				RB25#0	21.37	16.30	38.50	PASS
			HCH	RB1#0	22.8	17.74	38.50	PASS
				RB1#13	22.87	17.82	38.50	PASS
				RB1#24	22.86	17.70	38.50	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB12#0	21.62	16.69	38.50	PASS
				RB12#6	21.4	16.38	38.50	PASS
				RB12#13	21.48	16.51	38.50	PASS
				RB25#0	21.48	16.57	38.50	PASS
		10	LCH	RB1#0	22.46	17.44	38.50	PASS
				RB1#25	22.49	17.33	38.50	PASS
				RB1#49	22.62	17.43	38.50	PASS
				RB25#0	21.37	16.31	38.50	PASS
				RB25#13	21.35	16.38	38.50	PASS
				RB25#25	21.36	16.17	38.50	PASS
				RB50#0	21.39	16.34	38.50	PASS
			MCH	RB1#0	22.48	17.46	38.50	PASS
				RB1#25	21.97	16.85	38.50	PASS
				RB1#49	22.4	17.27	38.50	PASS
				RB25#0	21.38	16.21	38.50	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB25#13	21.5	16.43	38.50	PASS
				RB25#25	21.41	16.29	38.50	PASS
				RB50#0	21.37	16.30	38.50	PASS
			HCH	RB1#0	22.57	17.63	38.50	PASS
				RB1#25	21.99	16.91	38.50	PASS
				RB1#49	22.93	17.94	38.50	PASS
				RB25#0	21.37	16.36	38.50	PASS
				RB25#13	21.48	16.51	38.50	PASS
				RB25#25	21.41	16.24	38.50	PASS
				RB50#0	21.5	16.38	38.50	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*OBW

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

SET VBW>= 3*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
BAND5	LTE/TM1	1.4	LCH	RB1#0	4.31	13	PASS
				RB1#3	4.48	13	PASS
				RB1#5	4.42	13	PASS
				RB3#0	4.62	13	PASS
				RB3#2	4.75	13	PASS
				RB3#3	4.64	13	PASS
				RB6#0	5.51	13	PASS
			MCH	RB1#0	4.34	13	PASS
				RB1#3	4.48	13	PASS
				RB1#5	4.2	13	PASS
				RB3#0	4.73	13	PASS
				RB3#2	4.68	13	PASS
				RB3#3	4.73	13	PASS
				RB6#0	5.71	13	PASS
			HCH	RB1#0	3.32	13	PASS
				RB1#3	3.42	13	PASS
				RB1#5	3.3	13	PASS
				RB3#0	3.69	13	PASS
				RB3#2	3.53	13	PASS
				RB3#3	3.6	13	PASS
				RB6#0	4.91	13	PASS
		3	LCH	RB1#0	4.18	13	PASS
				RB1#7	4.47	13	PASS
				RB1#14	4.37	13	PASS
				RB8#0	5.35	13	PASS
				RB8#4	5.42	13	PASS
				RB8#7	5.5	13	PASS
				RB15#0	5.55	13	PASS
			MCH	RB1#0	4.18	13	PASS
				RB1#7	4.2	13	PASS
				RB1#14	4.04	13	PASS
				RB8#0	5.46	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	5.38	13	PASS
				RB8#7	5.33	13	PASS
				RB15#0	5.43	13	PASS
			HCH	RB1#0	3.6	13	PASS
				RB1#7	3.86	13	PASS
				RB1#14	3.23	13	PASS
				RB8#0	4.84	13	PASS
				RB8#4	4.68	13	PASS
				RB8#7	4.65	13	PASS
				RB15#0	5.1	13	PASS
		5	LCH	RB1#0	4.3	13	PASS
				RB1#13	4.53	13	PASS
				RB1#24	4.64	13	PASS
				RB12#0	5.38	13	PASS
				RB12#6	5.46	13	PASS
				RB12#13	5.62	13	PASS
				RB25#0	5.85	13	PASS
			MCH	RB1#0	4.46	13	PASS
				RB1#13	4.21	13	PASS
				RB1#24	4.13	13	PASS
				RB12#0	5.44	13	PASS
				RB12#6	5.3	13	PASS
				RB12#13	5.24	13	PASS
				RB25#0	5.66	13	PASS
			HCH	RB1#0	4.23	13	PASS
				RB1#13	3.58	13	PASS
				RB1#24	3.38	13	PASS
				RB12#0	5.23	13	PASS
				RB12#6	4.69	13	PASS
				RB12#13	4.59	13	PASS
				RB25#0	5.4	13	PASS
		10	LCH	RB1#0	4.31	13	PASS
				RB1#25	4.88	13	PASS
				RB1#49	4.32	13	PASS
				RB25#0	5.66	13	PASS
				RB25#13	5.68	13	PASS
				RB25#25	5.75	13	PASS
				RB50#0	6.05	13	PASS
			MCH	RB1#0	4.51	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.56	13	PASS
				RB1#49	4.14	13	PASS
				RB25#0	5.58	13	PASS
				RB25#13	5.33	13	PASS
				RB25#25	5.31	13	PASS
				RB50#0	5.84	13	PASS
			HCH	RB1#0	4.15	13	PASS
				RB1#25	4.48	13	PASS
				RB1#49	3.69	13	PASS
				RB25#0	5.56	13	PASS
				RB25#13	5.38	13	PASS
				RB25#25	5.05	13	PASS
				RB50#0	5.76	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.14	13	PASS
				RB1#3	5.45	13	PASS
				RB1#5	5.27	13	PASS
				RB3#0	5.59	13	PASS
				RB3#2	5.51	13	PASS
				RB3#3	5.6	13	PASS
				RB6#0	6.29	13	PASS
			MCH	RB1#0	4.93	13	PASS
				RB1#3	5.07	13	PASS
				RB1#5	4.8	13	PASS
				RB3#0	5.55	13	PASS
				RB3#2	5.7	13	PASS
				RB3#3	5.51	13	PASS
				RB6#0	6.28	13	PASS
		3	HCH	RB1#0	4.26	13	PASS
				RB1#3	4.52	13	PASS
				RB1#5	4.15	13	PASS
				RB3#0	4.56	13	PASS
				RB3#2	4.76	13	PASS
				RB3#3	4.65	13	PASS
				RB6#0	5.74	13	PASS
			LCH	RB1#0	5.14	13	PASS
				RB1#7	5.5	13	PASS
				RB1#14	5.43	13	PASS
				RB8#0	6.29	13	PASS
				RB8#4	6.29	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.33	13	PASS
				RB15#0	6.47	13	PASS
			MCH	RB1#0	5.28	13	PASS
				RB1#7	5.47	13	PASS
				RB1#14	4.99	13	PASS
				RB8#0	6.29	13	PASS
				RB8#4	6.06	13	PASS
				RB8#7	6.16	13	PASS
				RB15#0	6.36	13	PASS
			HCH	RB1#0	4.57	13	PASS
				RB1#7	4.64	13	PASS
				RB1#14	4.15	13	PASS
				RB8#0	5.58	13	PASS
				RB8#4	5.32	13	PASS
				RB8#7	5.46	13	PASS
				RB15#0	6.27	13	PASS
		5	LCH	RB1#0	5.09	13	PASS
				RB1#13	5.39	13	PASS
				RB1#24	5.54	13	PASS
				RB12#0	6.34	13	PASS
				RB12#6	6.4	13	PASS
				RB12#13	6.41	13	PASS
				RB25#0	6.73	13	PASS
			MCH	RB1#0	5.11	13	PASS
				RB1#13	4.88	13	PASS
				RB1#24	4.8	13	PASS
				RB12#0	6.33	13	PASS
				RB12#6	6.25	13	PASS
				RB12#13	6.11	13	PASS
				RB25#0	6.52	13	PASS
			HCH	RB1#0	4.59	13	PASS
				RB1#13	4.09	13	PASS
				RB1#24	3.8	13	PASS
				RB12#0	5.83	13	PASS
				RB12#6	5.55	13	PASS
				RB12#13	5.49	13	PASS
				RB25#0	6.23	13	PASS
		10	LCH	RB1#0	5	13	PASS
				RB1#25	5.68	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.48	13	PASS
				RB25#0	6.5	13	PASS
				RB25#13	6.58	13	PASS
				RB25#25	6.65	13	PASS
				RB50#0	6.82	13	PASS
			MCH	RB1#0	5.61	13	PASS
				RB1#25	5.36	13	PASS
				RB1#49	5.04	13	PASS
				RB25#0	6.7	13	PASS
				RB25#13	6.33	13	PASS
				RB25#25	6.15	13	PASS
				RB50#0	6.96	13	PASS
			HCH	RB1#0	4.64	13	PASS
				RB1#25	5.03	13	PASS
				RB1#49	4.32	13	PASS
				RB25#0	6.26	13	PASS
				RB25#13	6.06	13	PASS
				RB25#25	5.88	13	PASS
				RB50#0	6.52	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

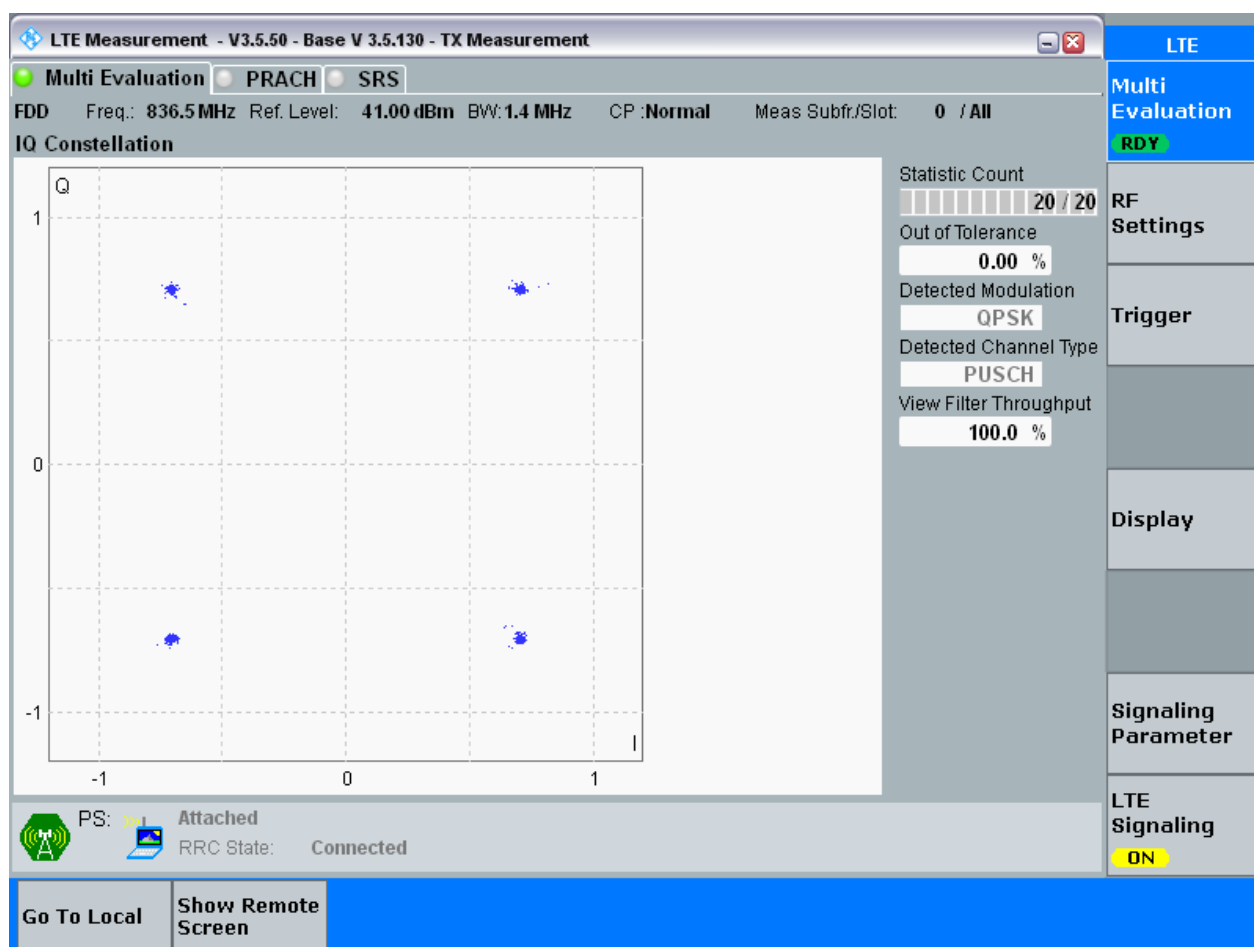
3.1.1 Test Band = BAND5

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

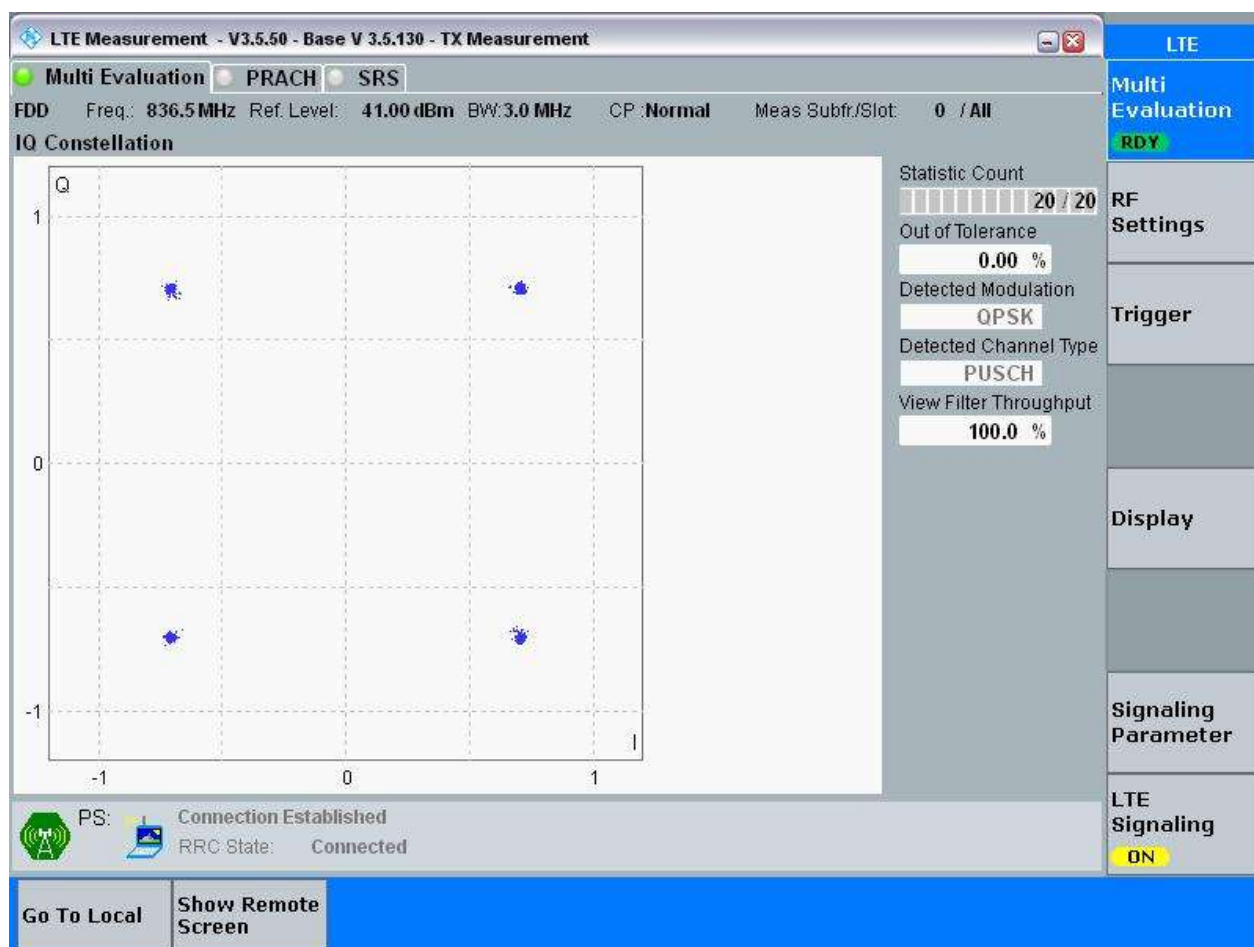
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

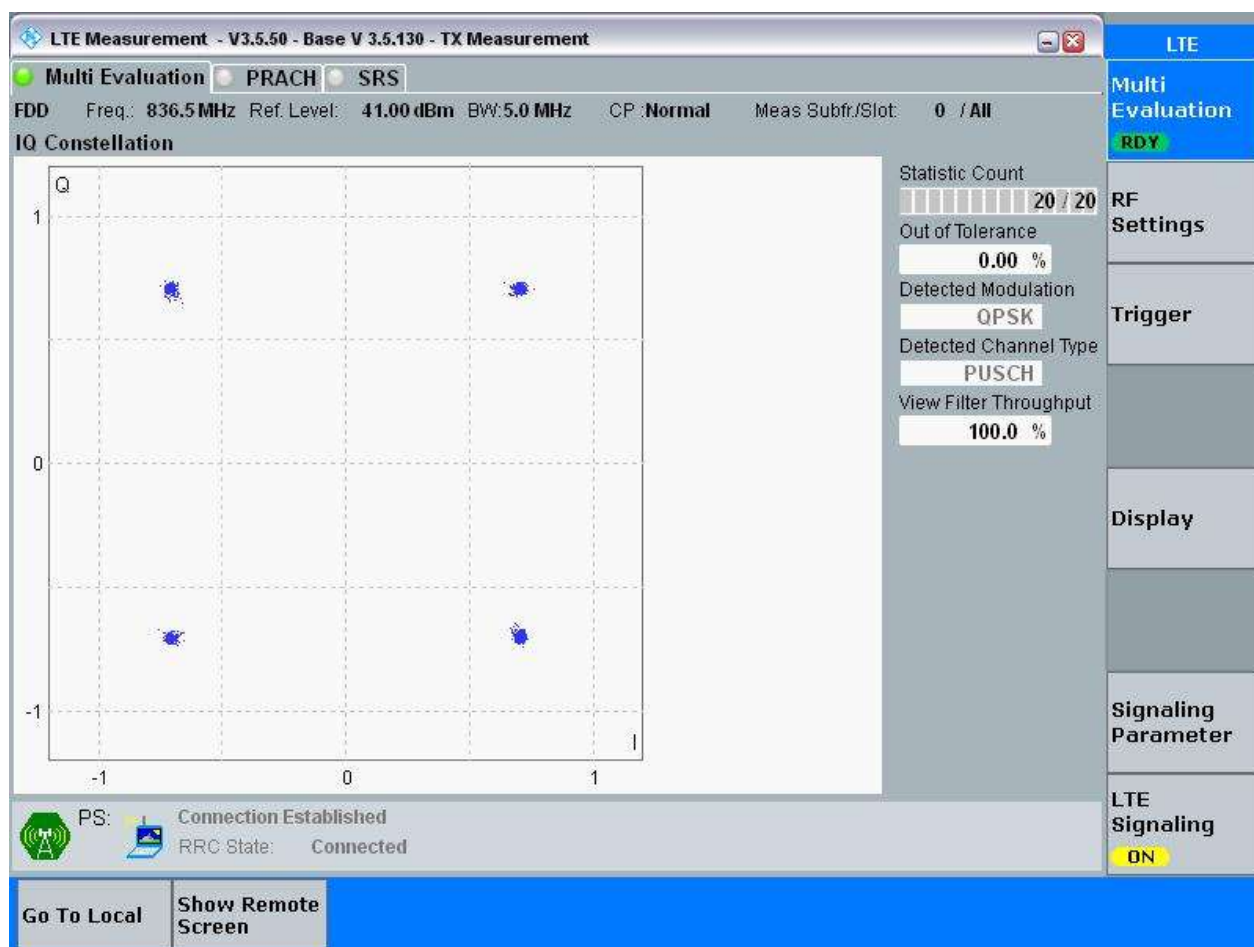
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

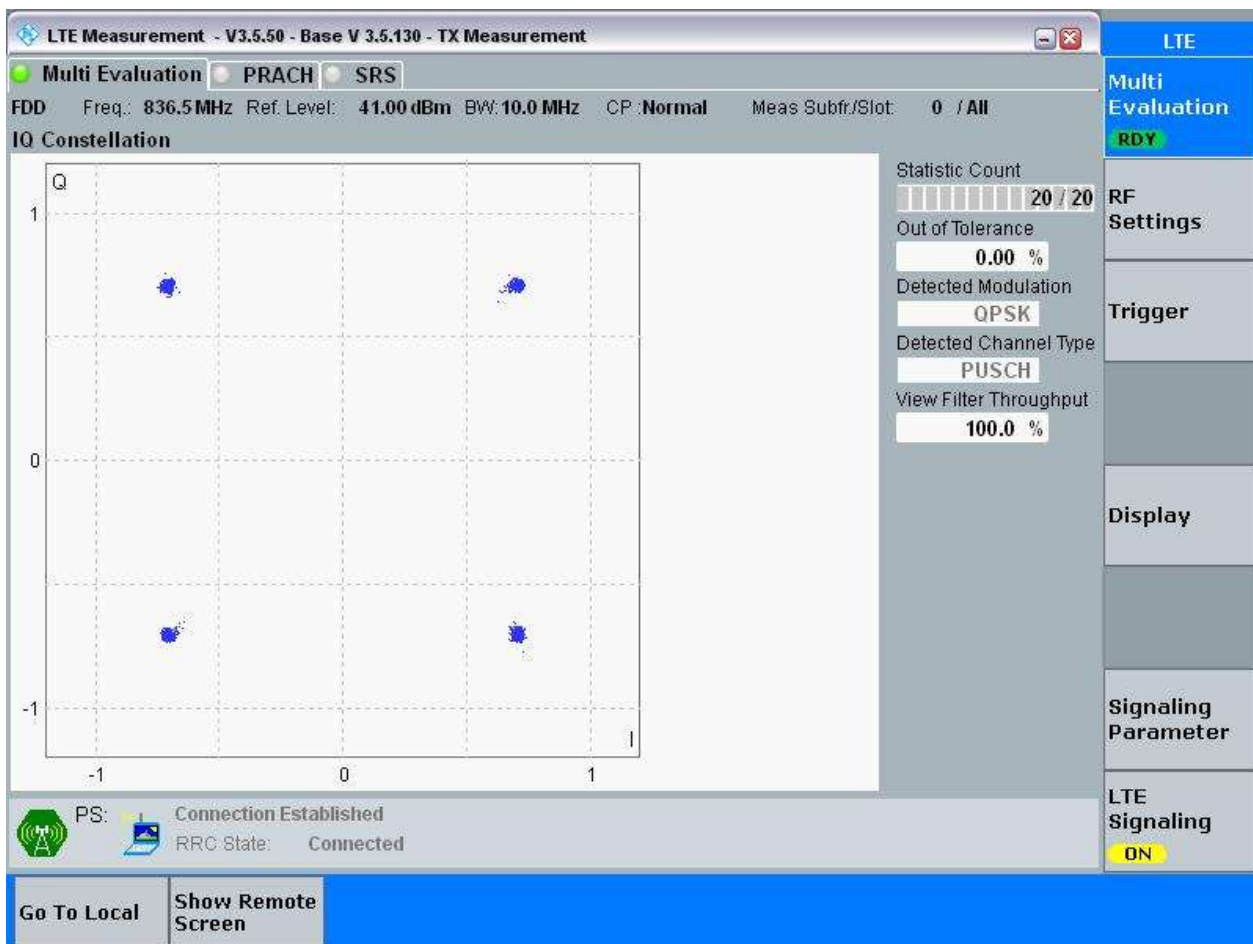
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0

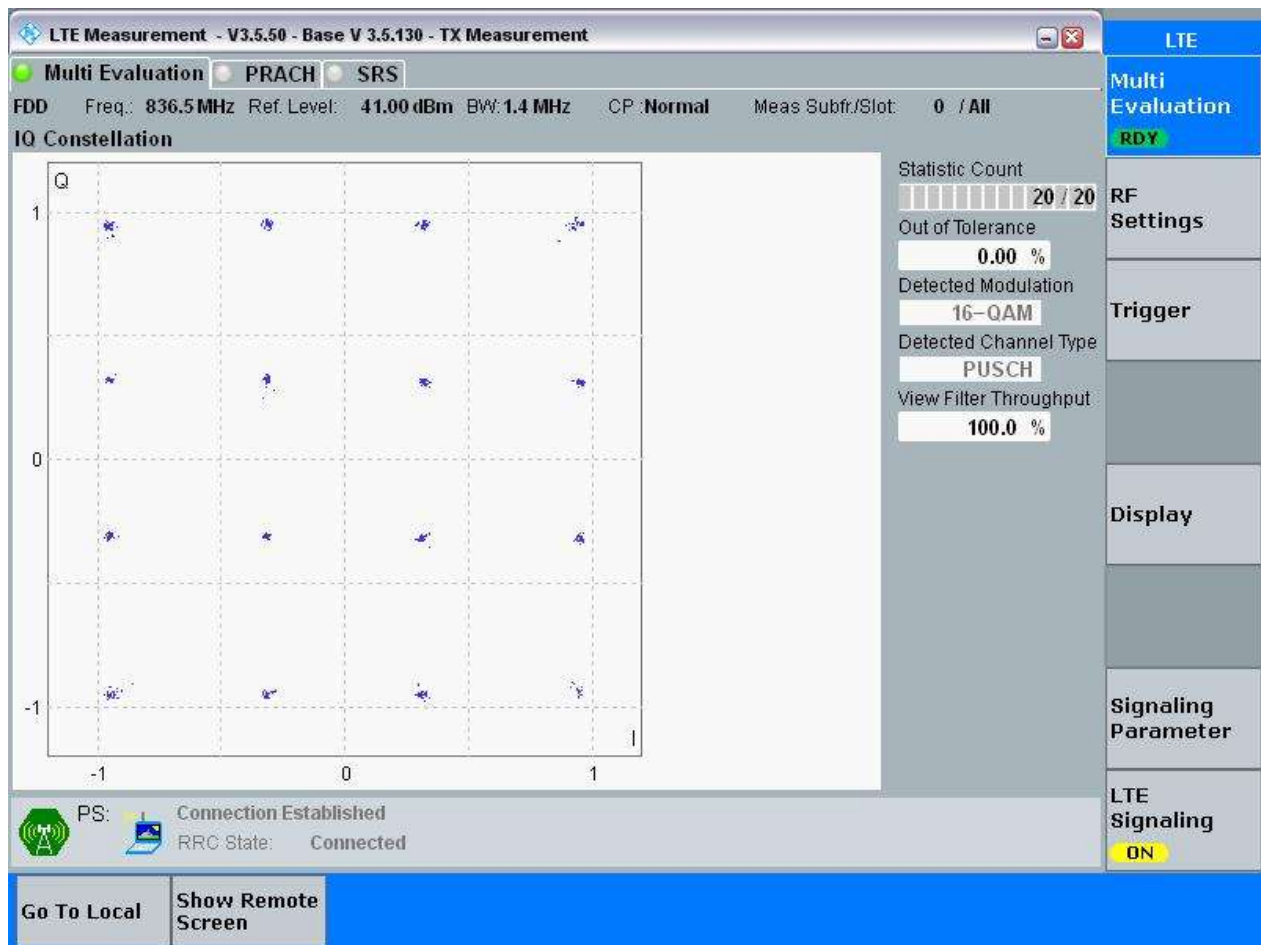


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

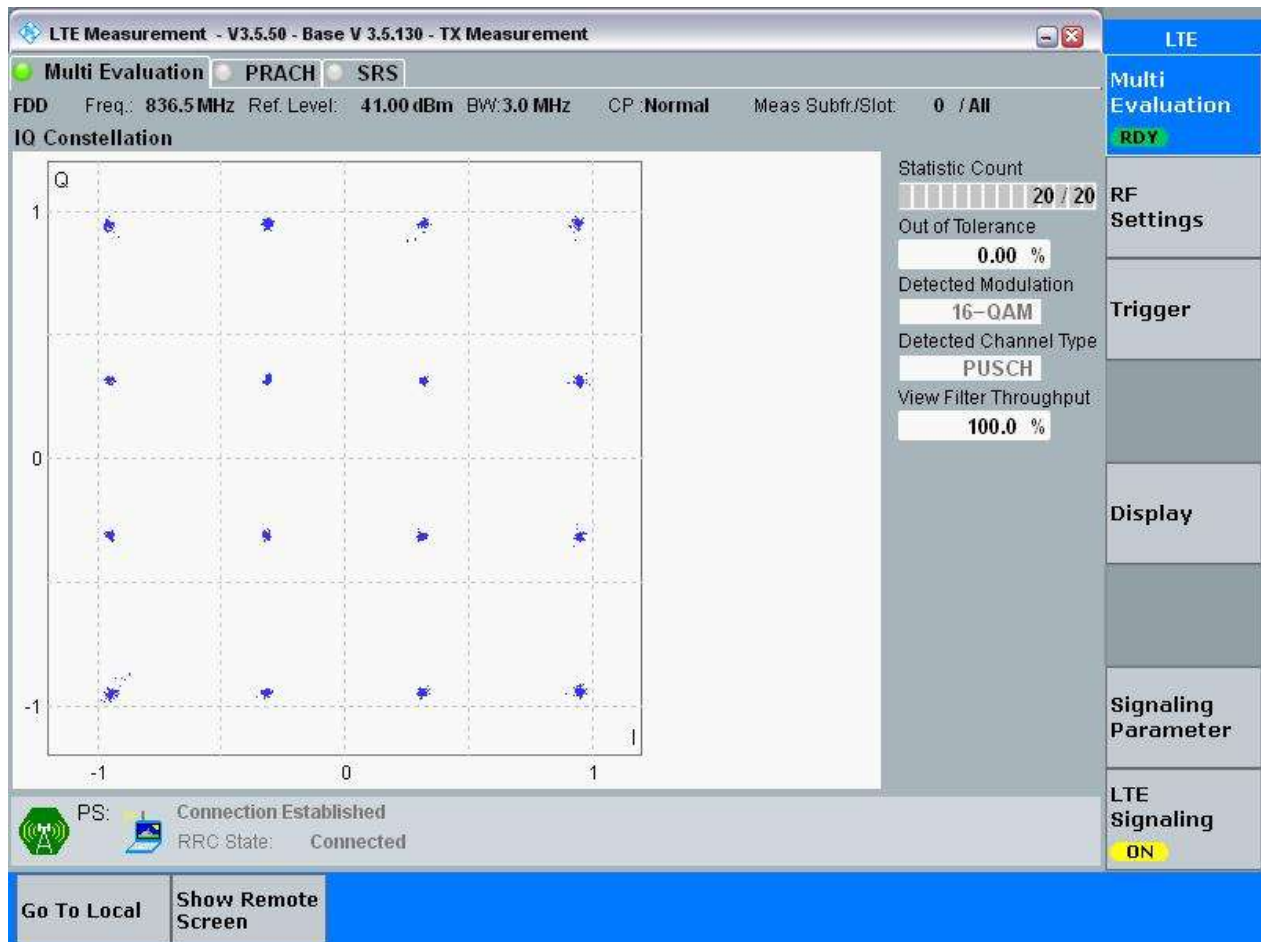
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

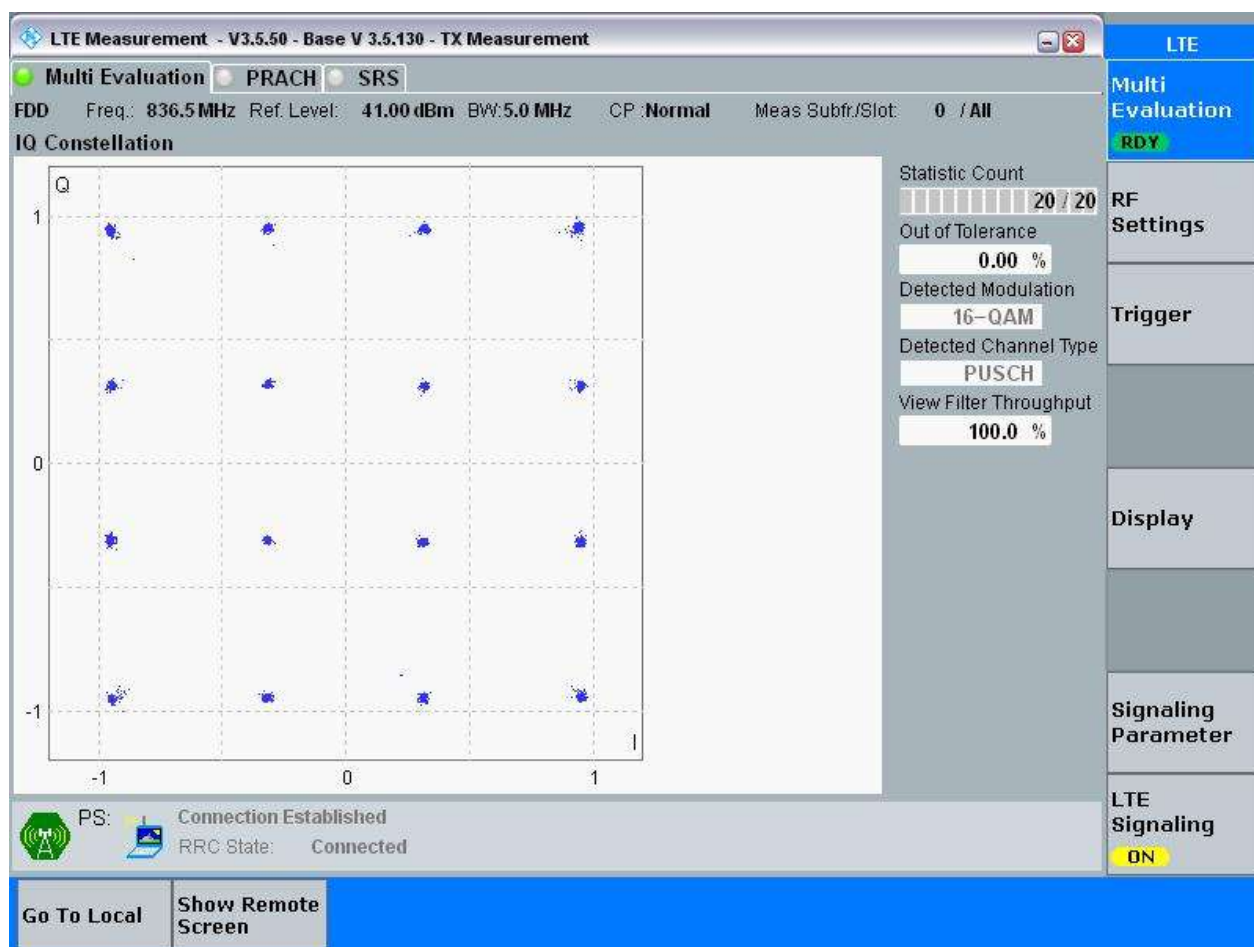
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

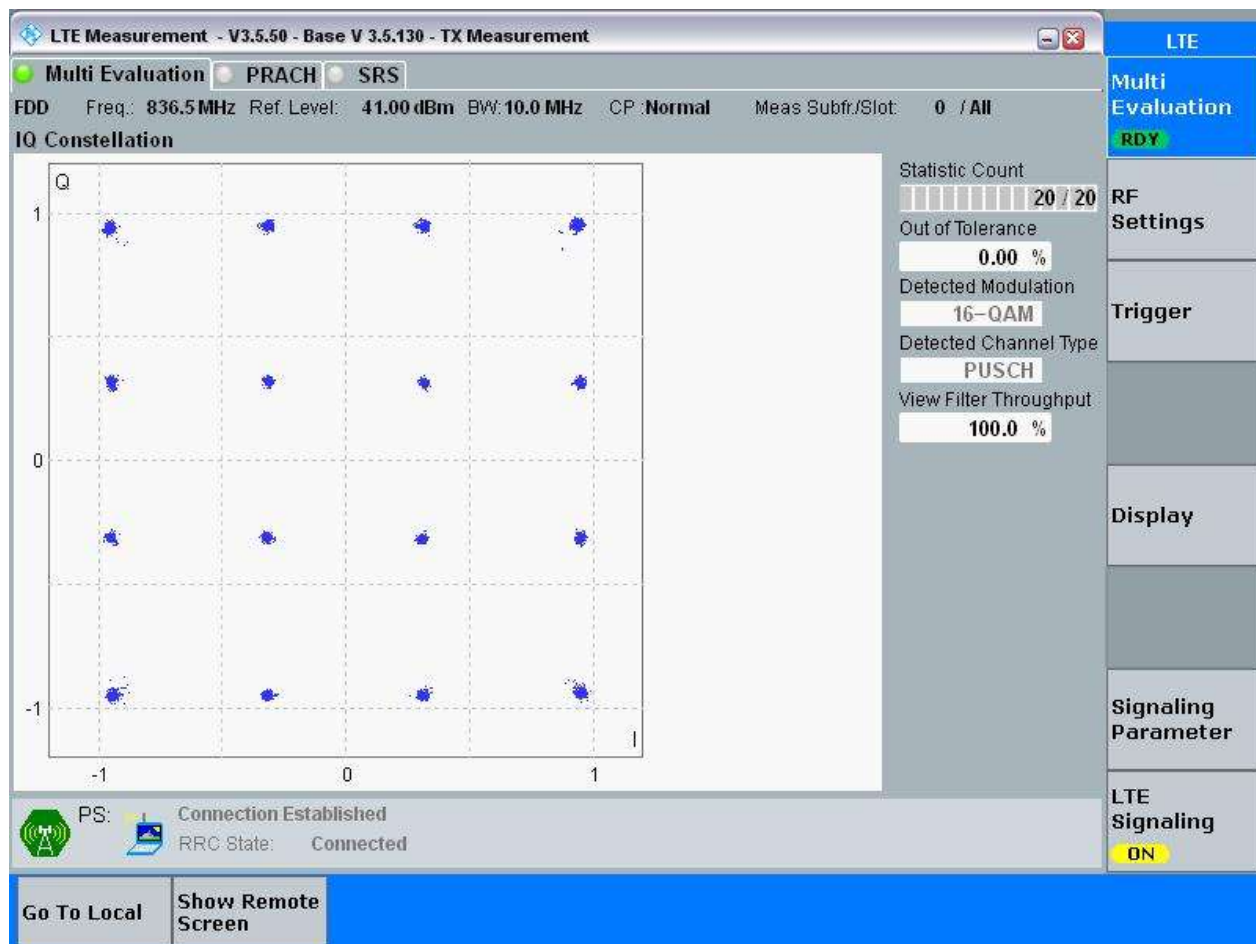
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#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
BAND5	LTE/TM1	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.97	Pass
			MCH	RB15#0	2.72	2.98	Pass
			HCH	RB15#0	2.71	3.00	Pass
		5	LCH	RB25#0	4.52	4.99	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.52	4.98	Pass
		10	LCH	RB50#0	9.00	9.87	Pass
			MCH	RB50#0	8.97	9.86	Pass
			HCH	RB50#0	9.00	9.92	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.25	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	9.02	9.95	Pass
			MCH	RB50#0	8.99	9.91	Pass
			HCH	RB50#0	9.02	9.95	Pass



Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = BAND5

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

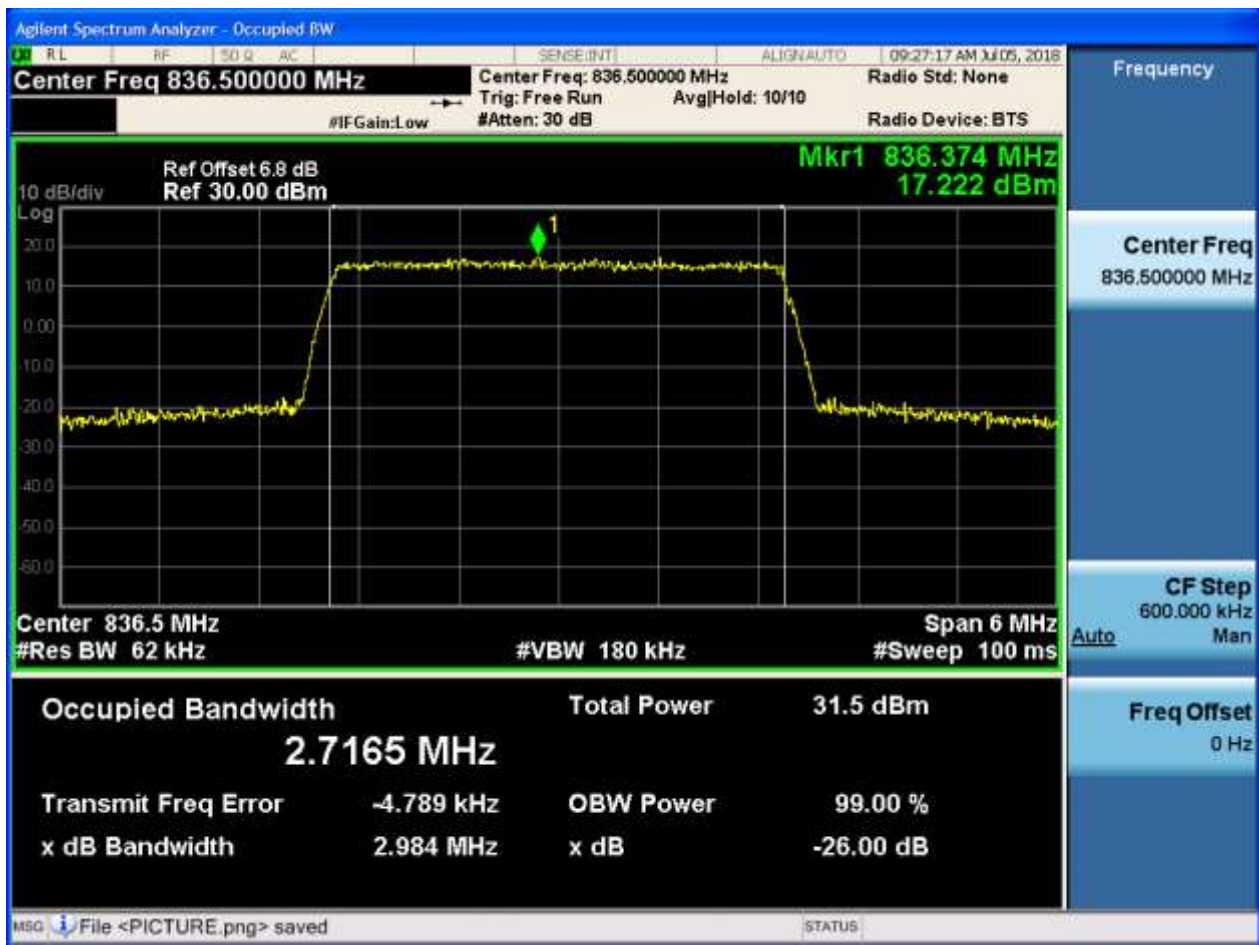






4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

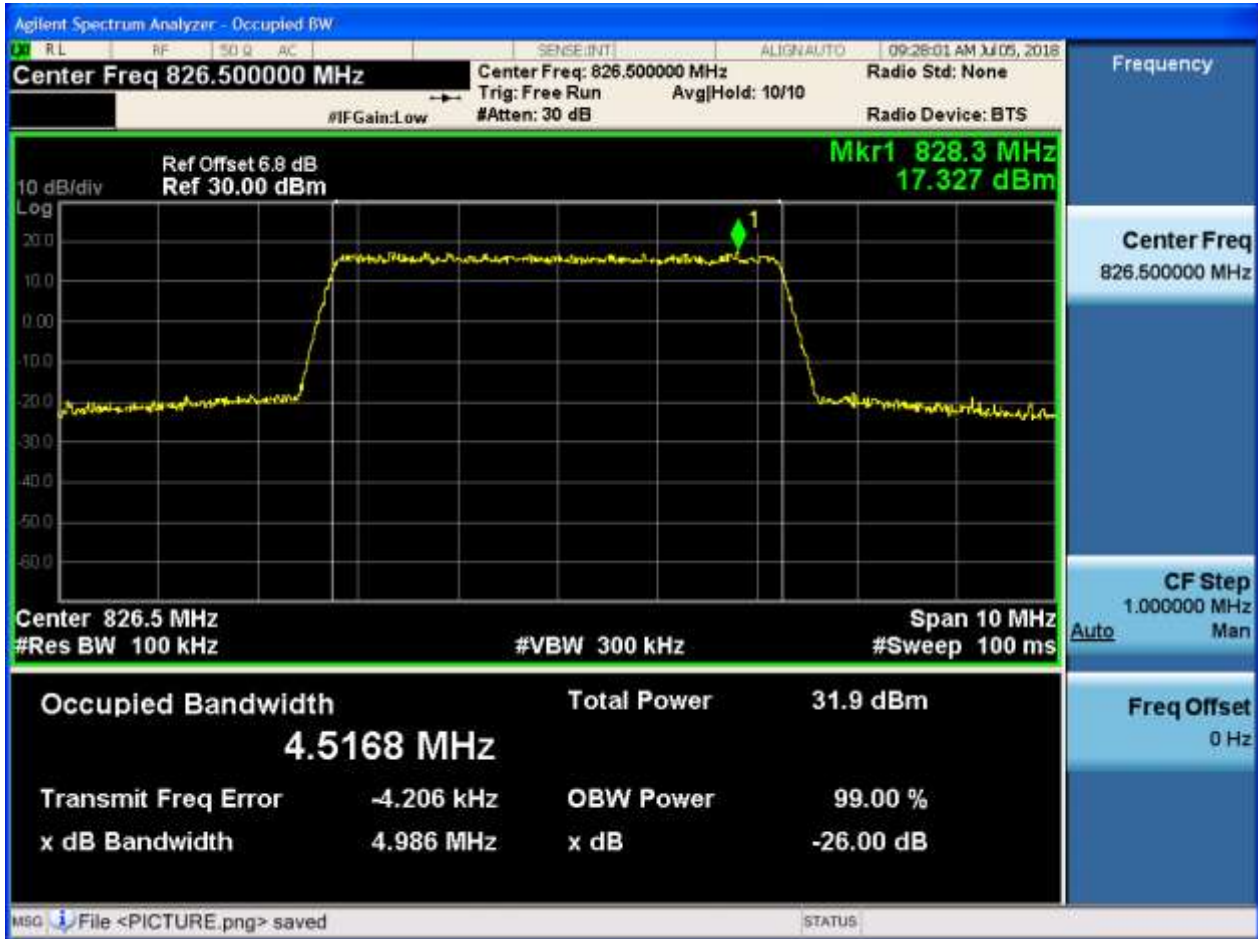




4.1.1.1.3 Test Bandwidth = 5

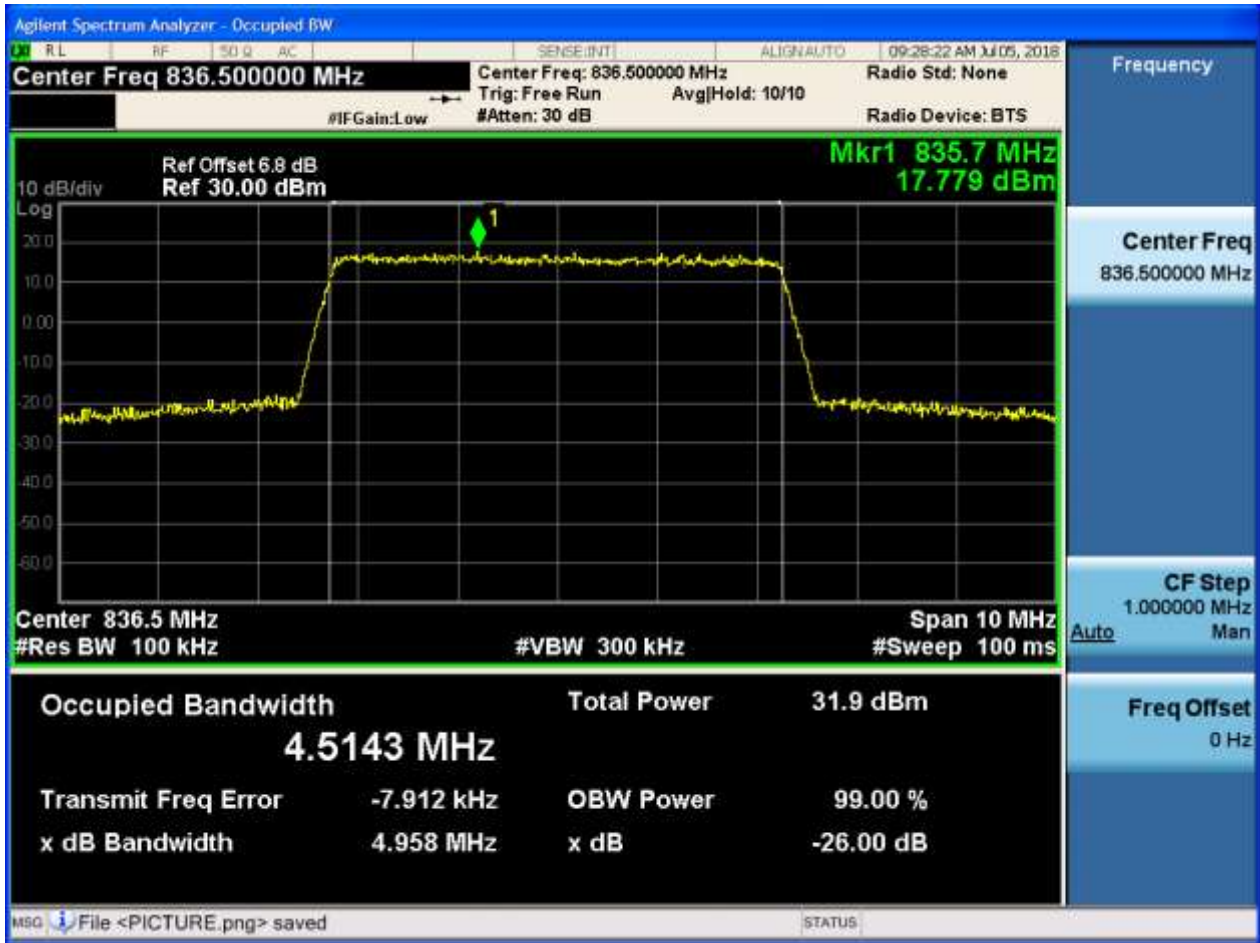
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0





4.1.1.1.4 Test Bandwidth = 10

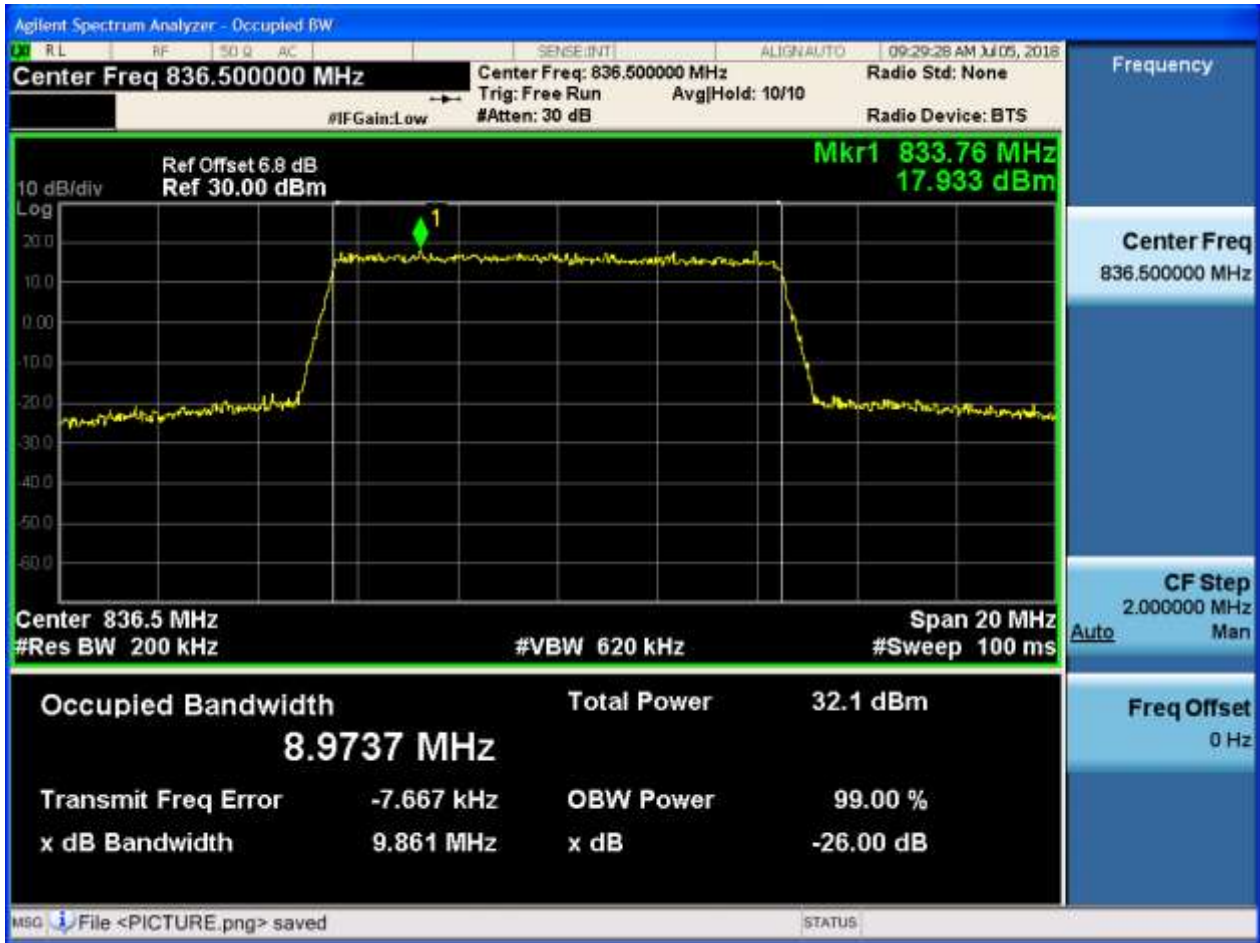
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



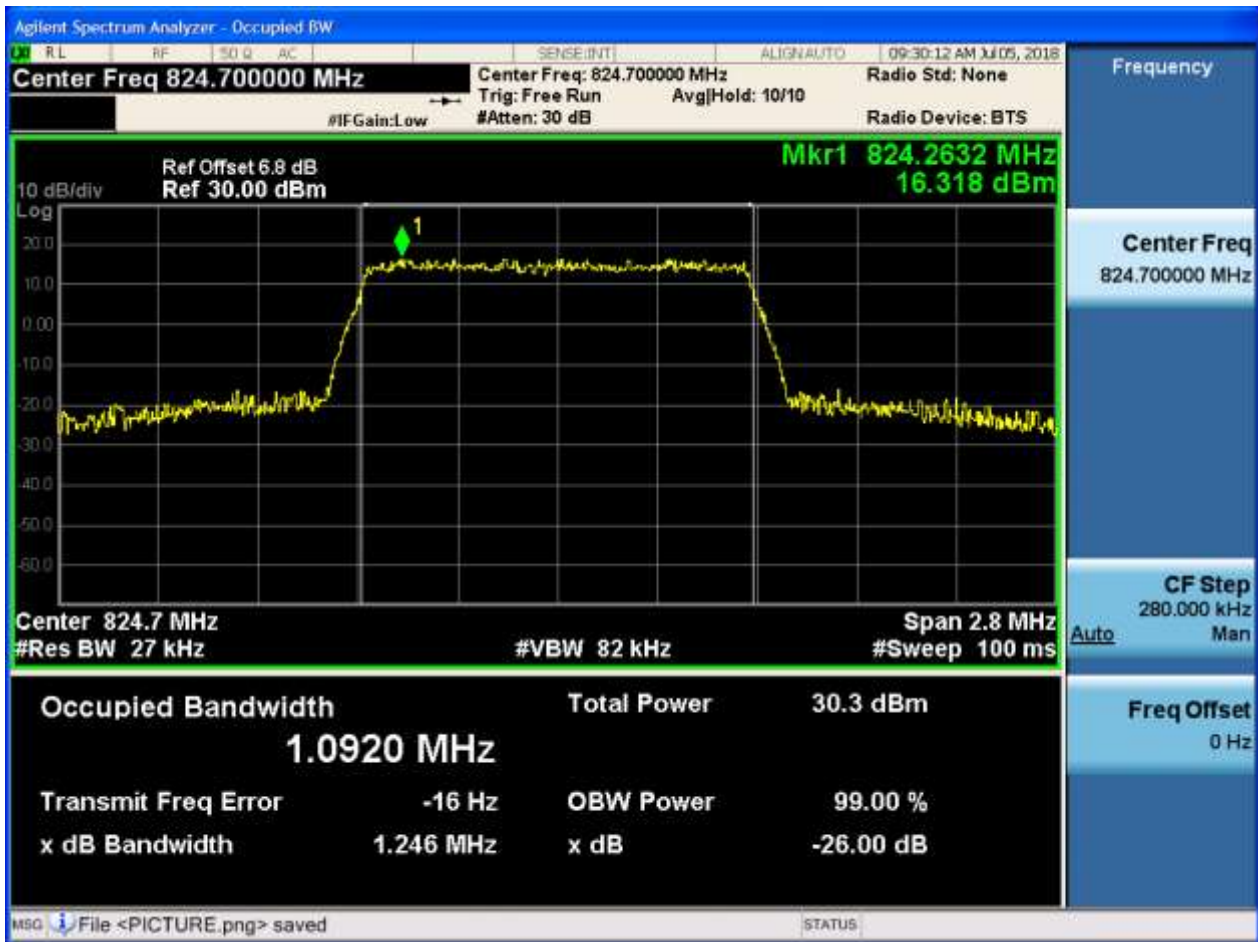


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

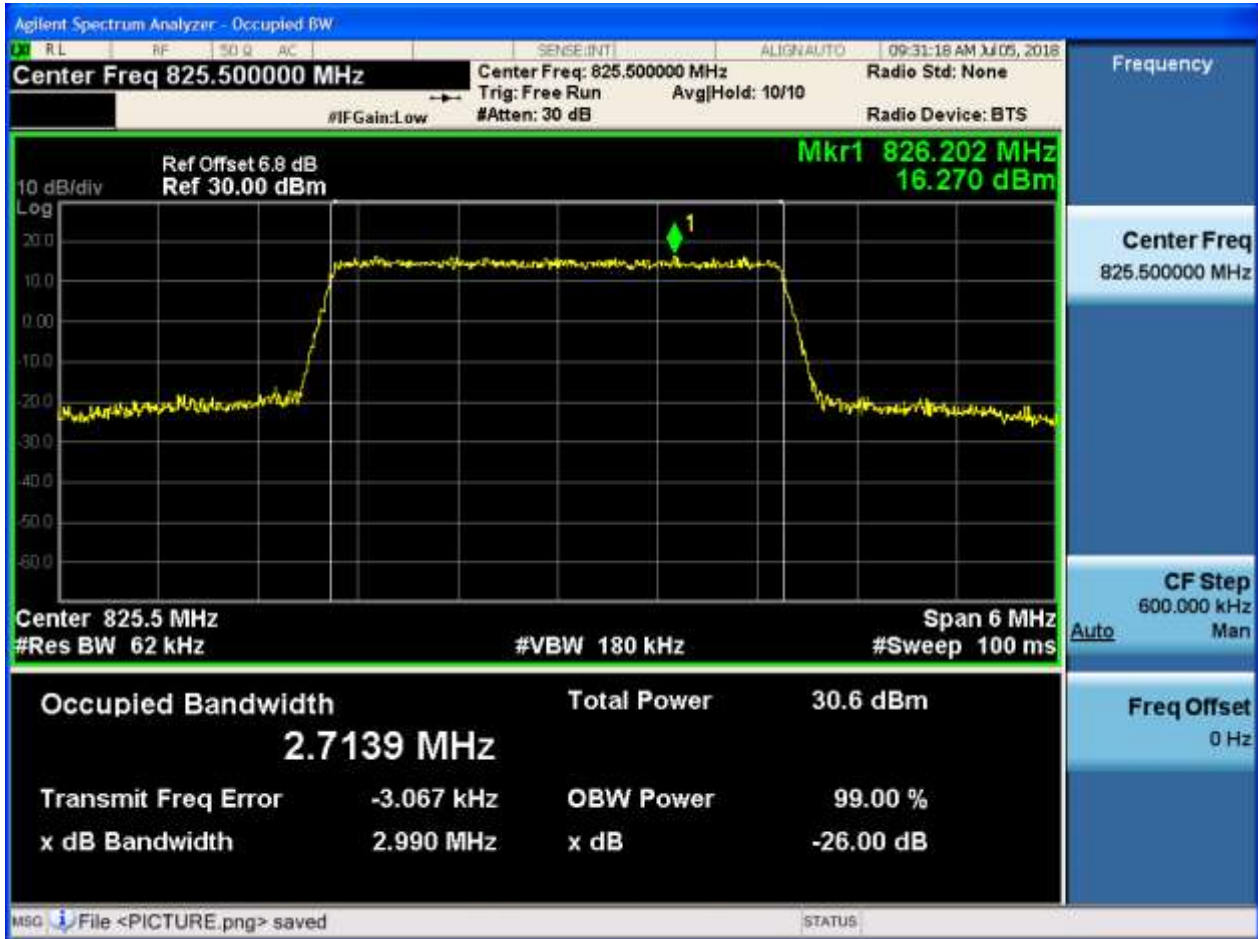




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

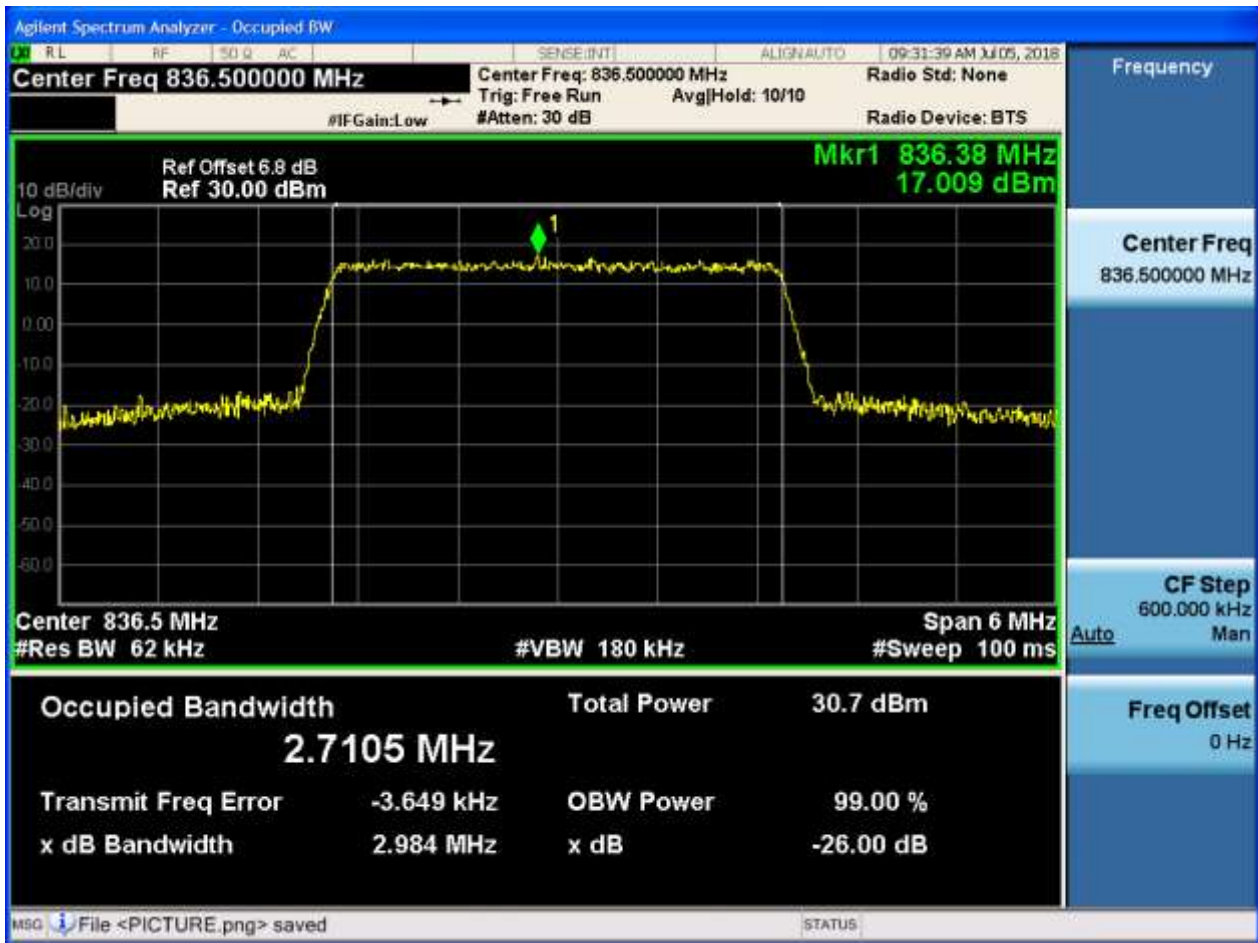
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

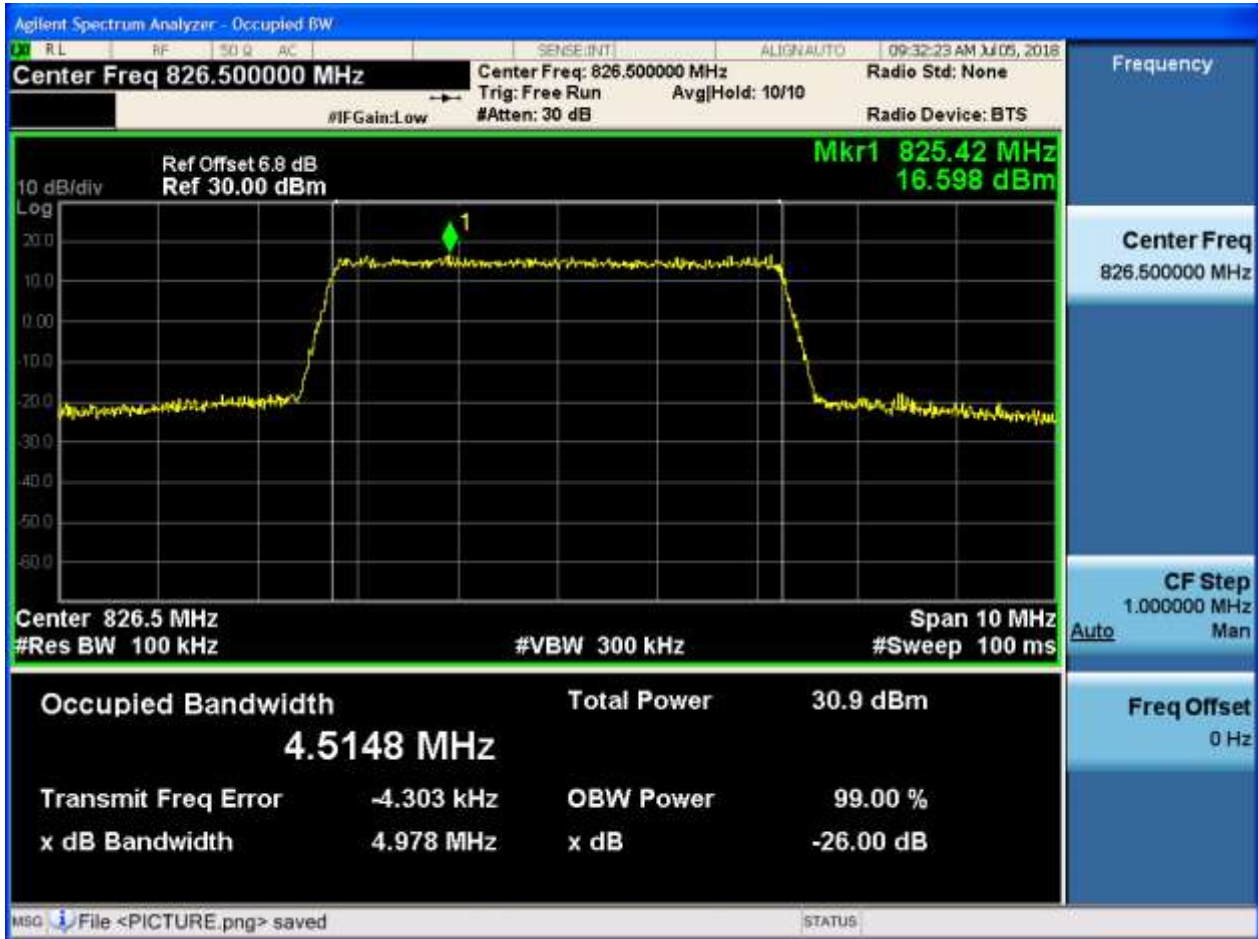




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

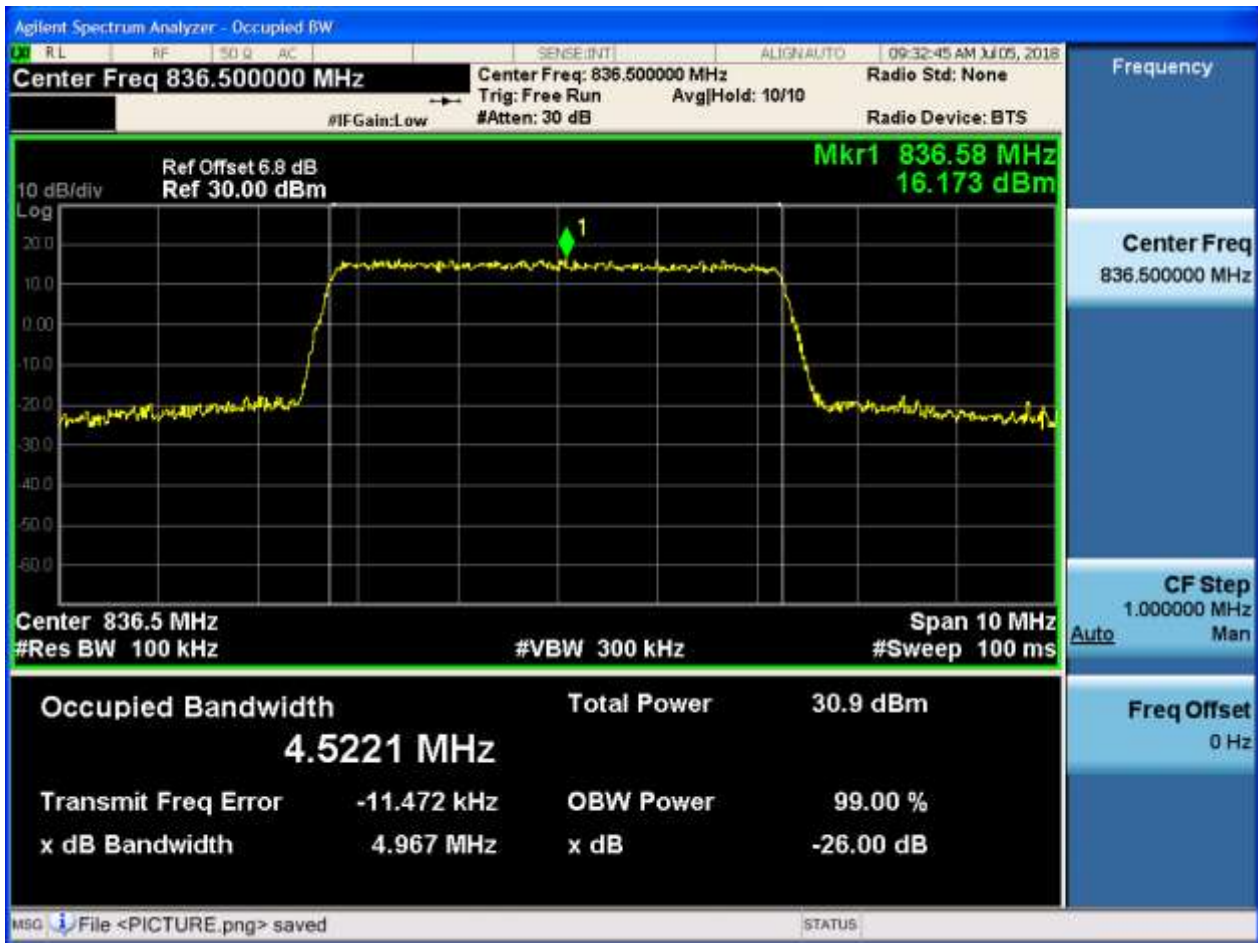
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0





4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

5.1.1 Test Band = BAND5

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

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#5





5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0





5.1.1.1.2 Test Bandwidth = 3

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#14





5.1.1.1.2.1.3 Test RB = RB8#4





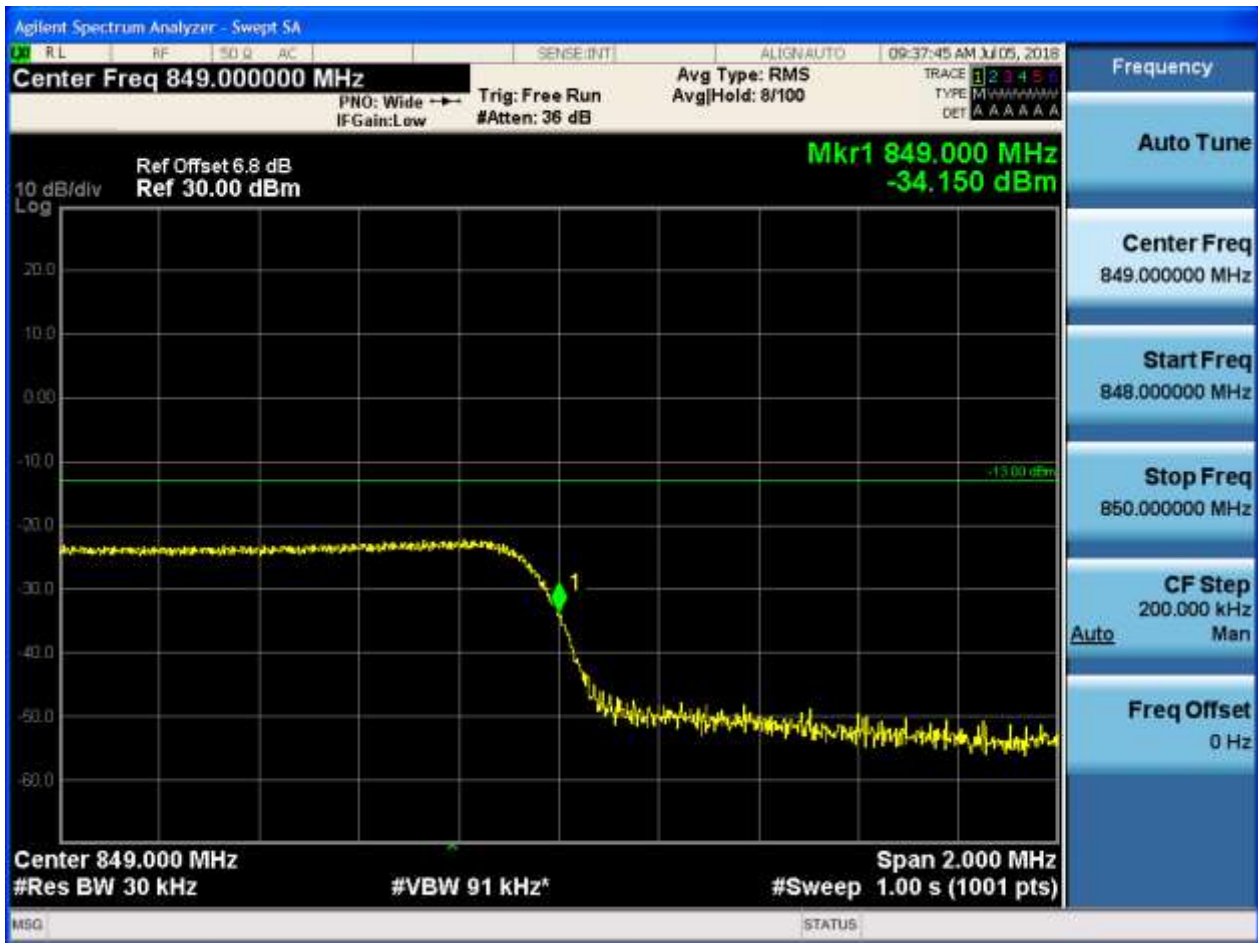
5.1.1.1.2.1.4 Test RB = RB15#0





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#14





5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

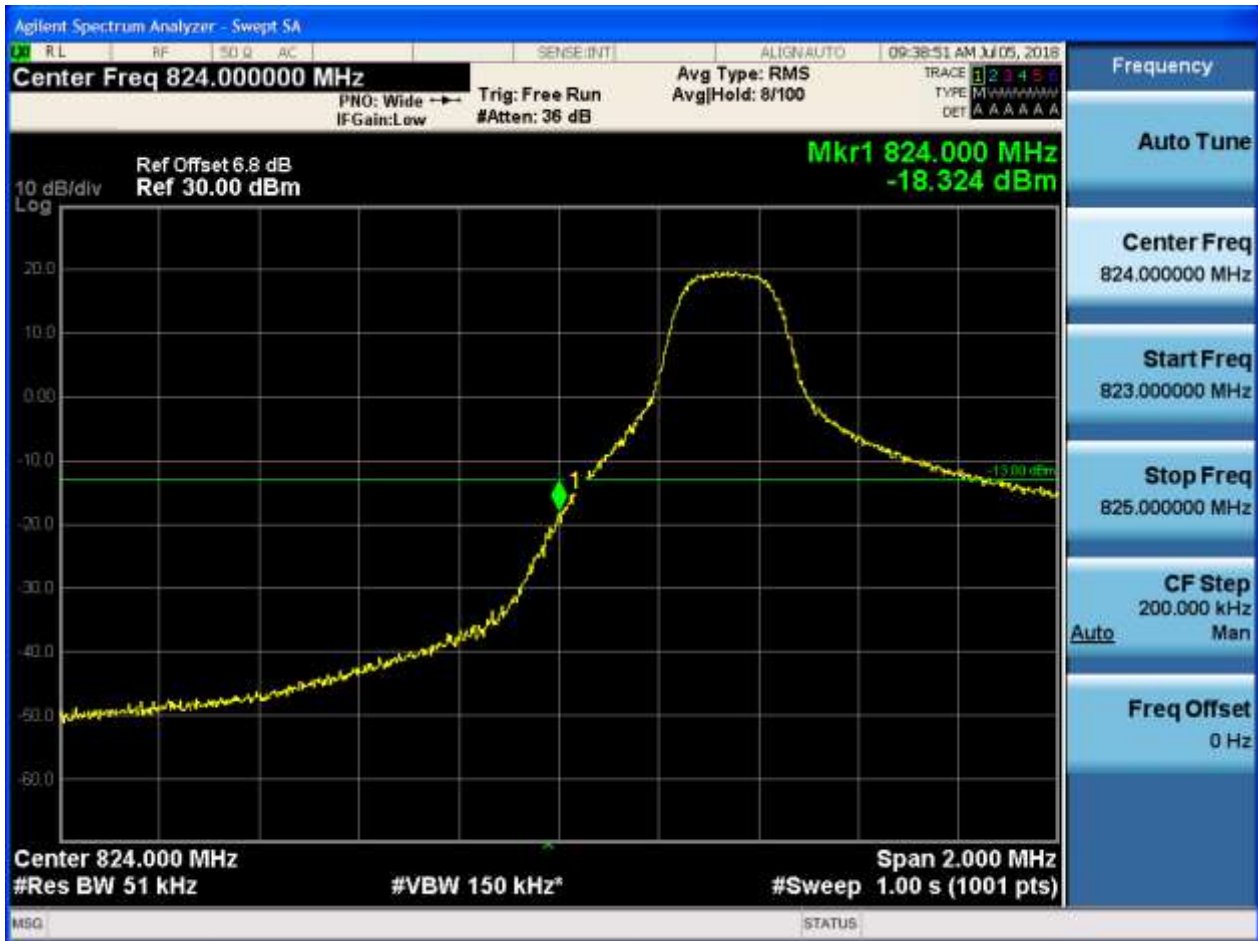




5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



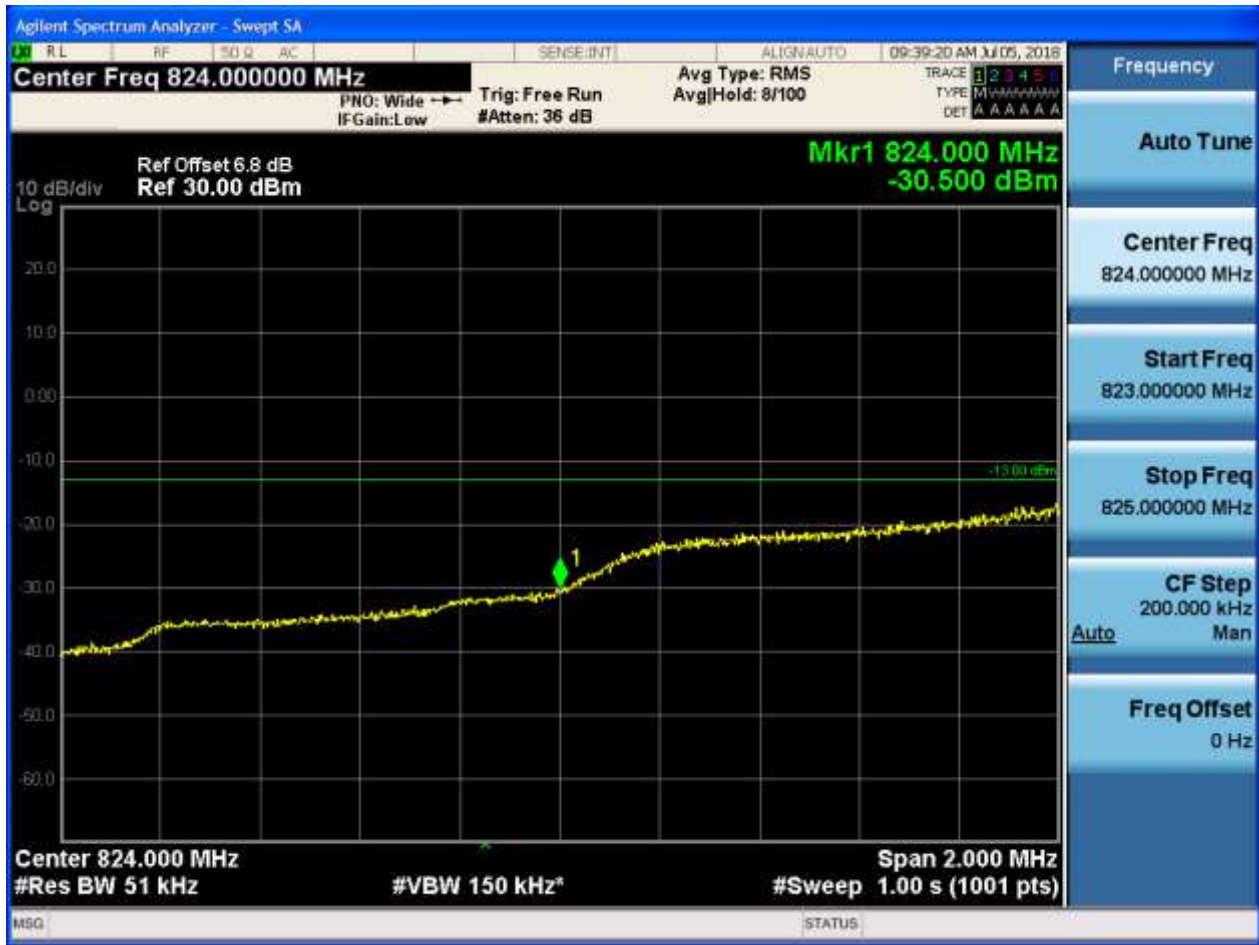


5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#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#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0





5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



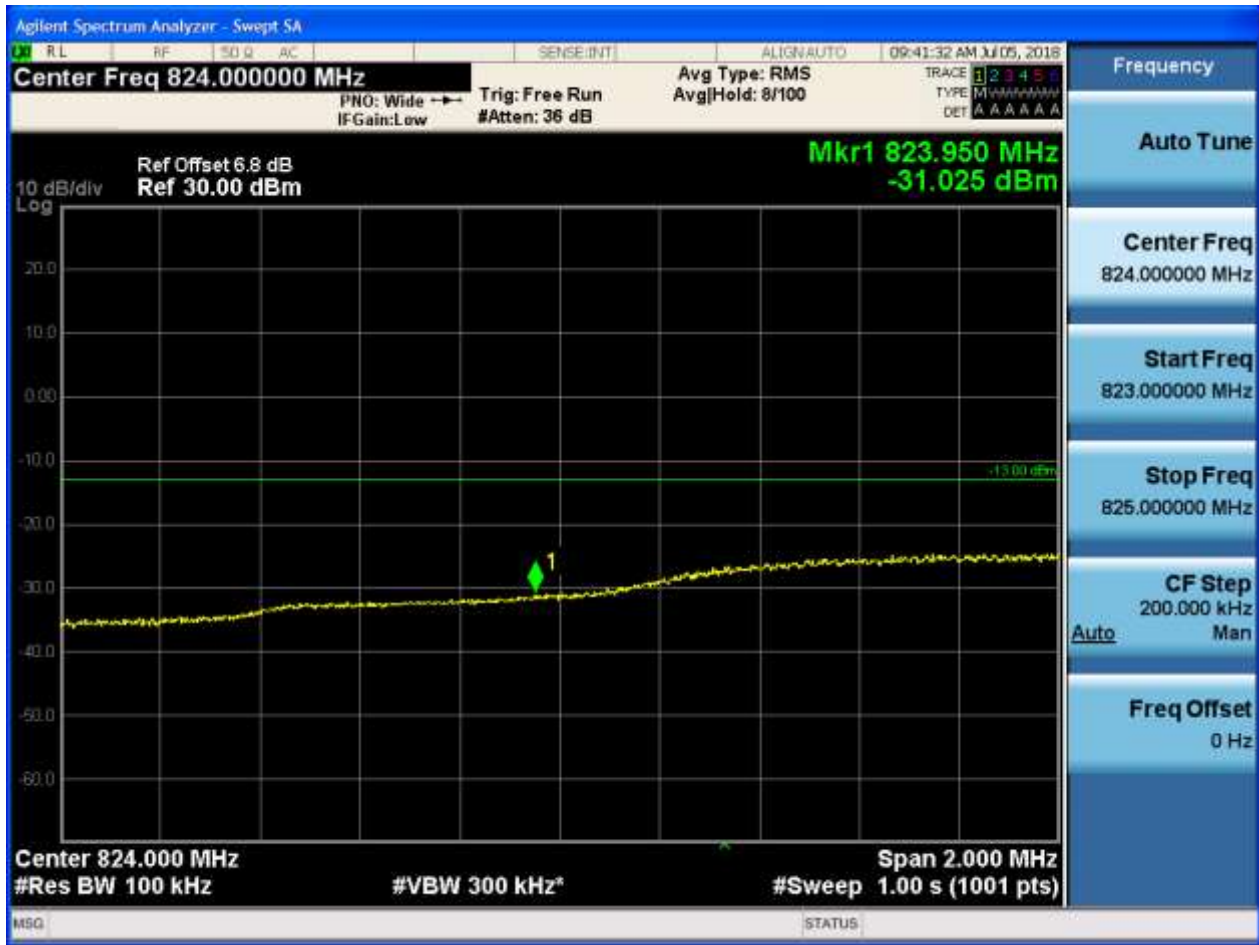


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





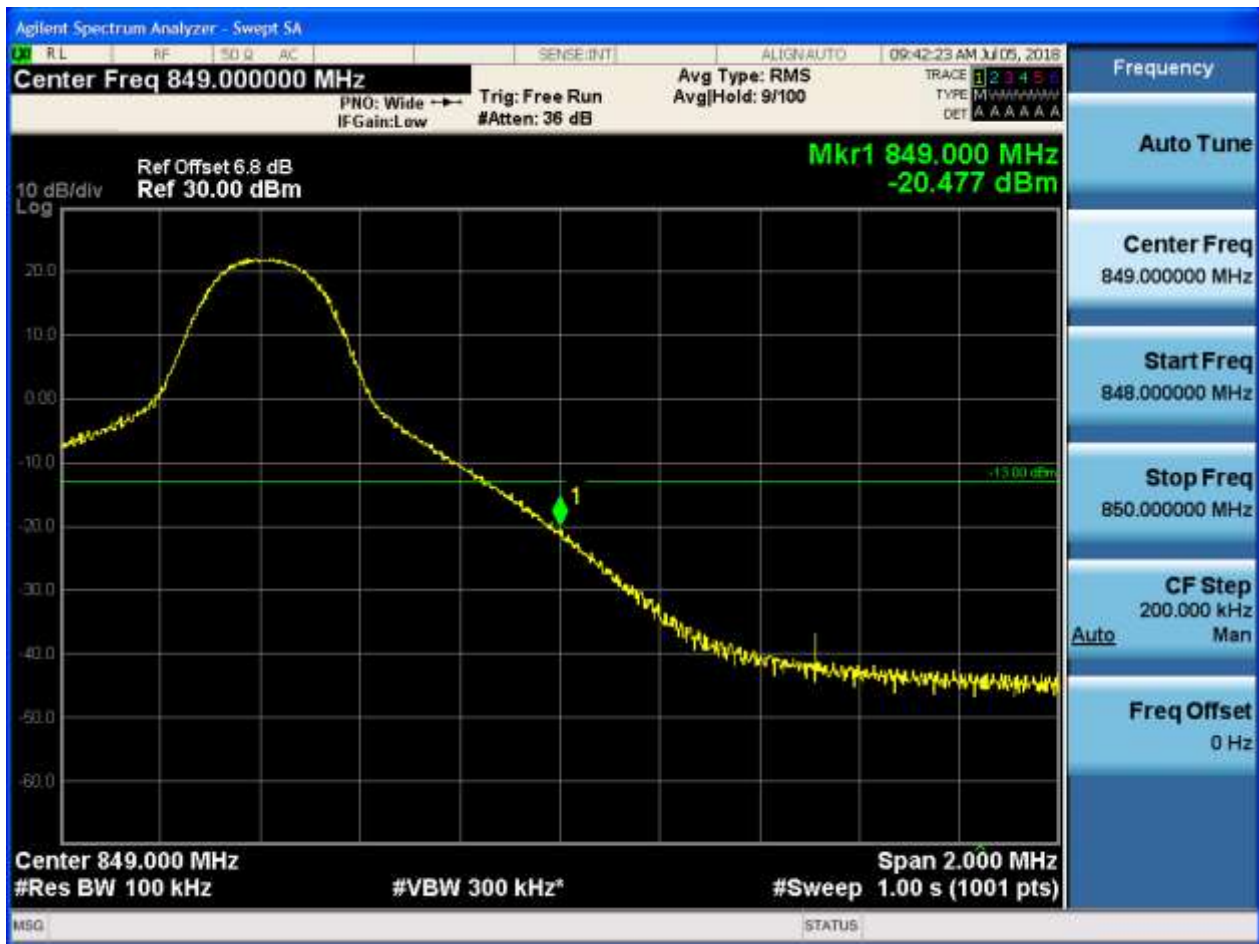
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0



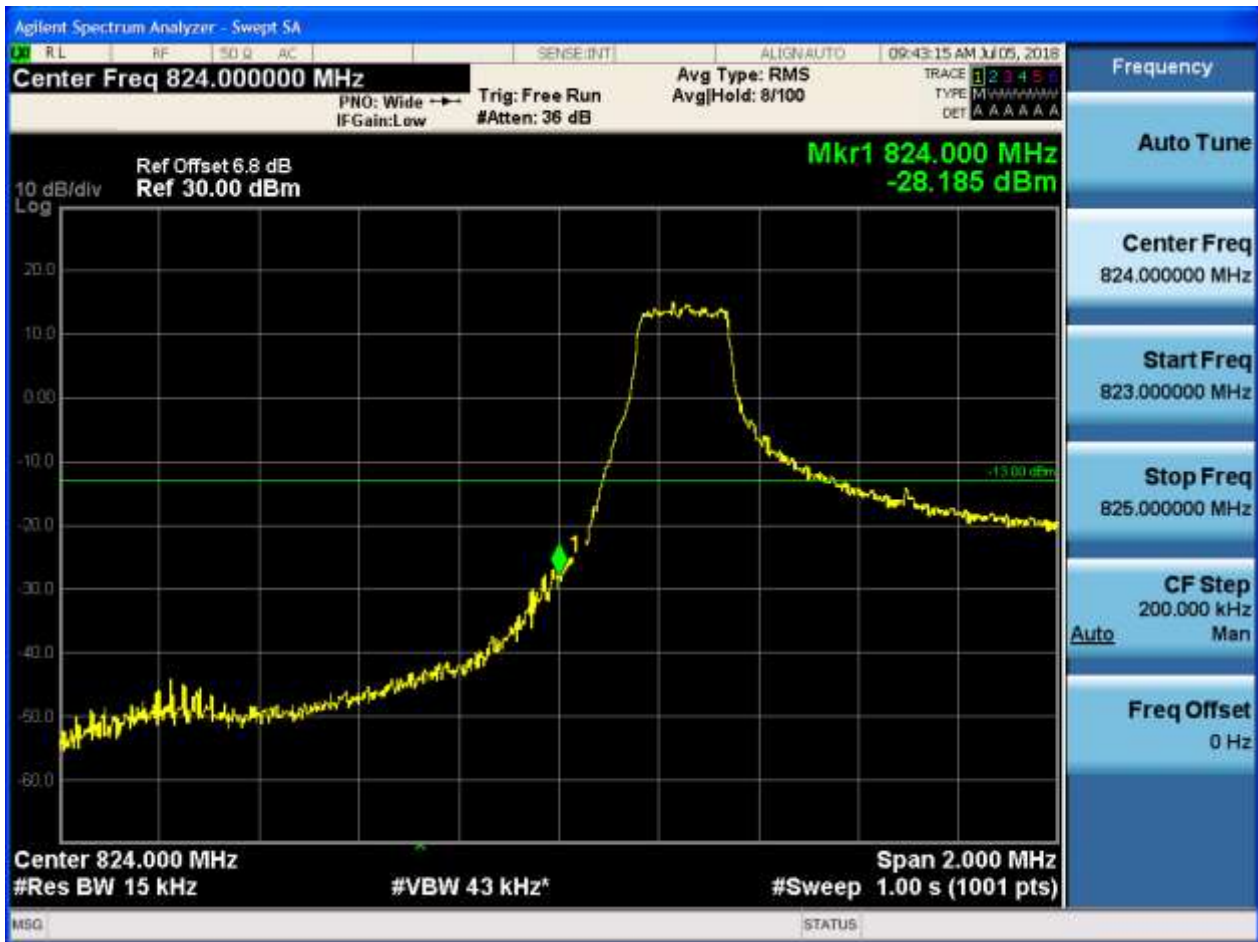


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

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#5





5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#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#5





5.1.1.2.1.2.3 Test RB = RB3#2





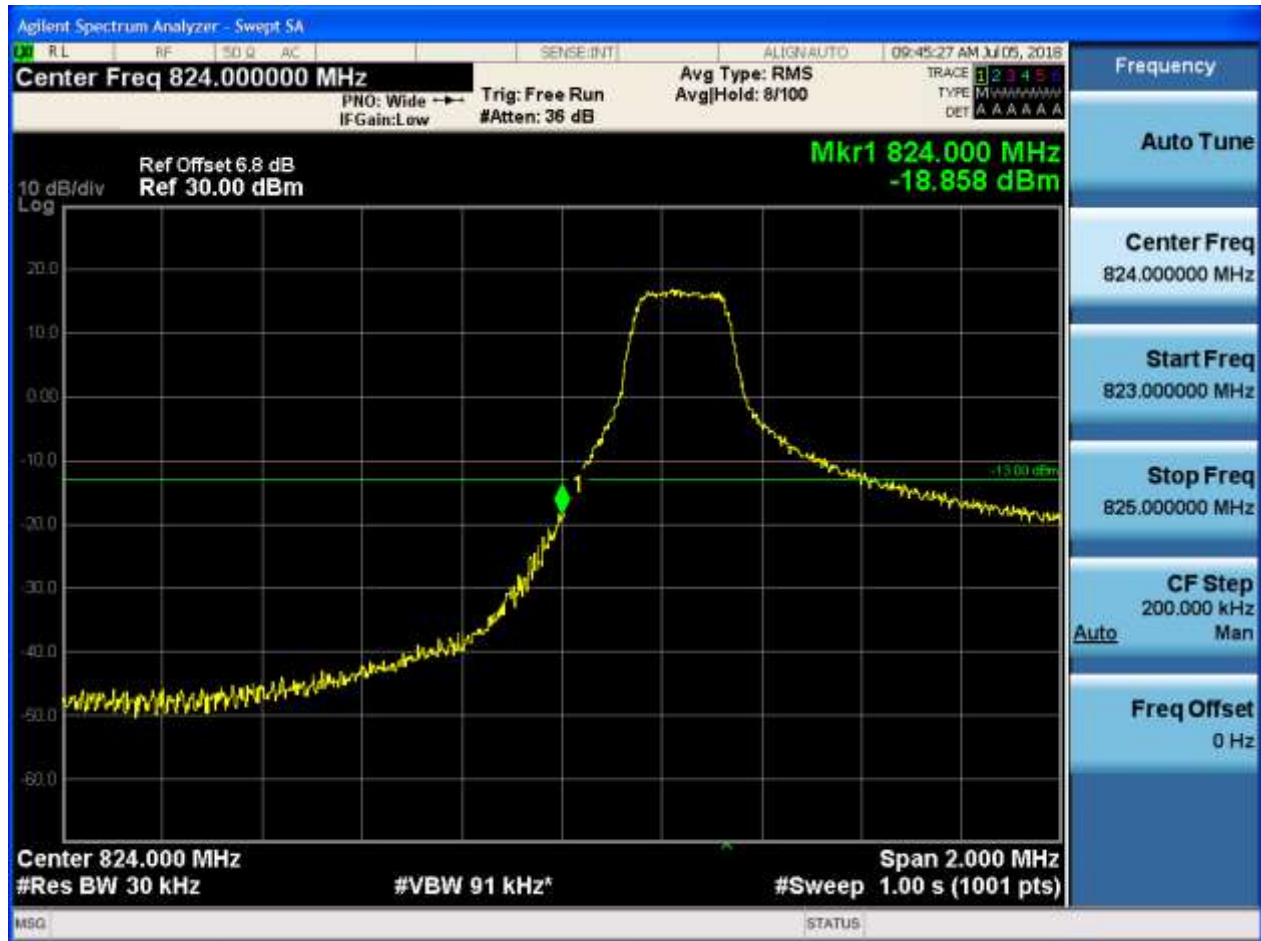
5.1.1.2.1.2.4 Test RB = RB6#0



5.1.1.2.2 Test Bandwidth = 3

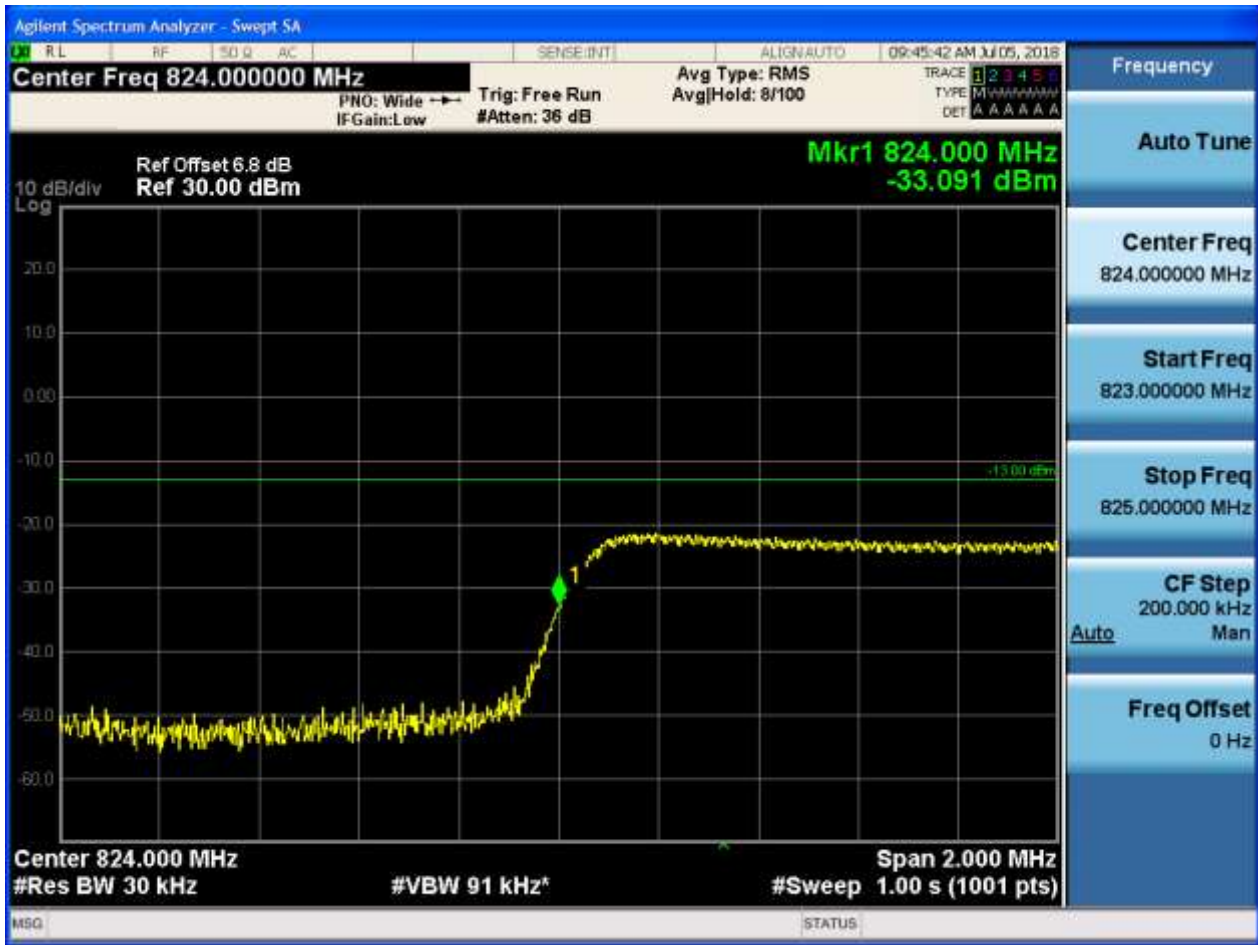
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14





5.1.1.2.2.1.3 Test RB = RB8#4





5.1.1.2.2.1.4 Test RB = RB15#0



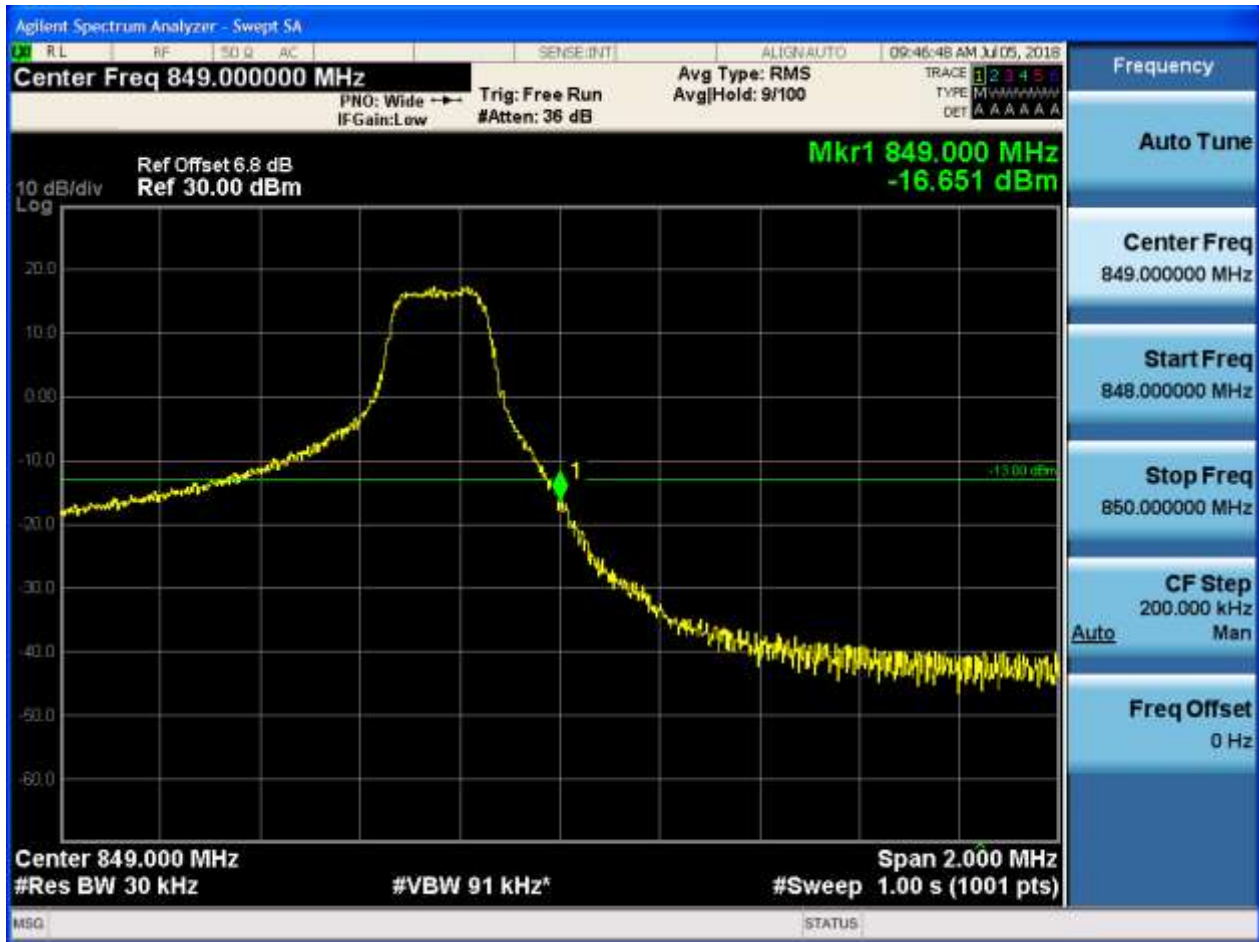
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14





5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

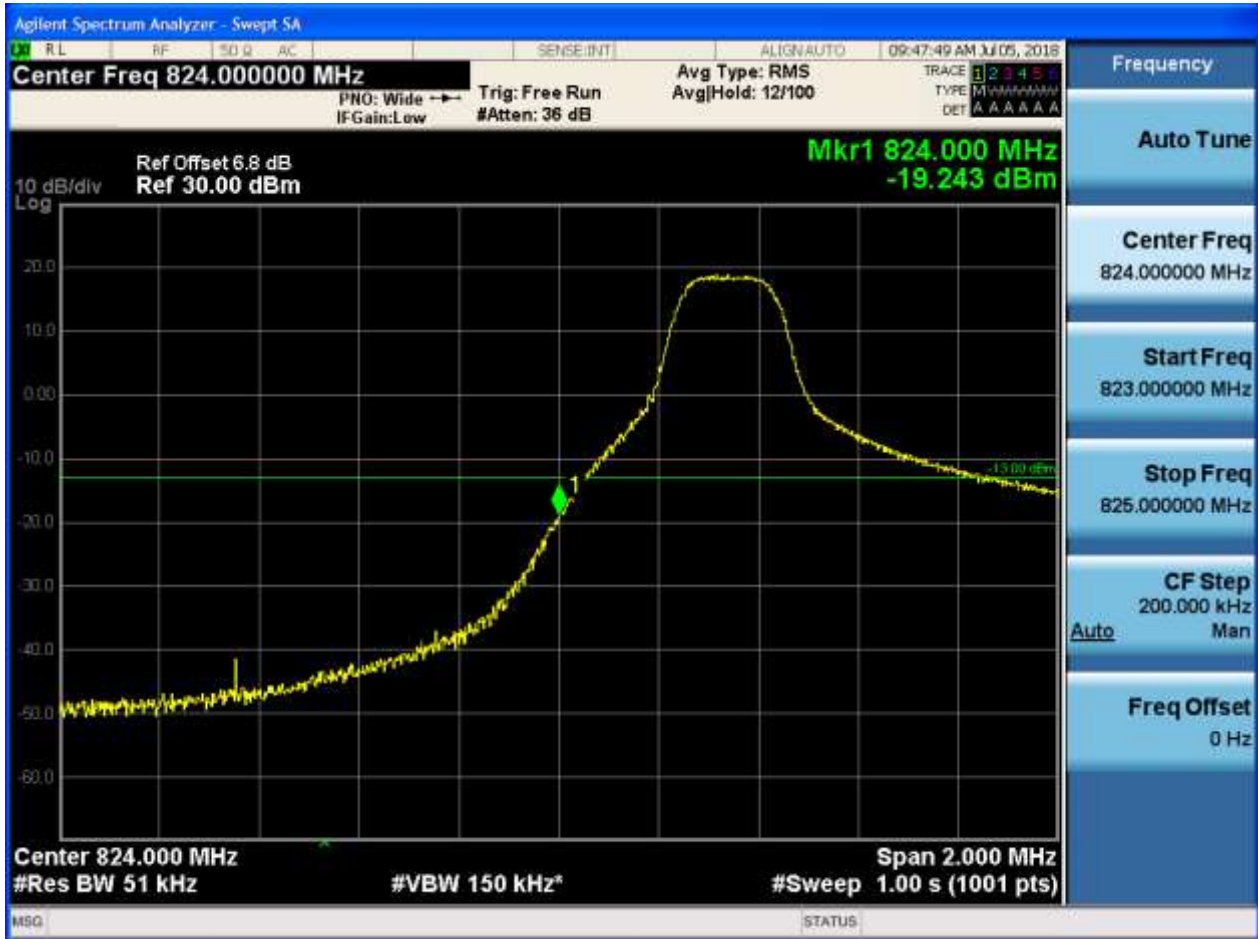




5.1.1.2.3 Test Bandwidth = 5

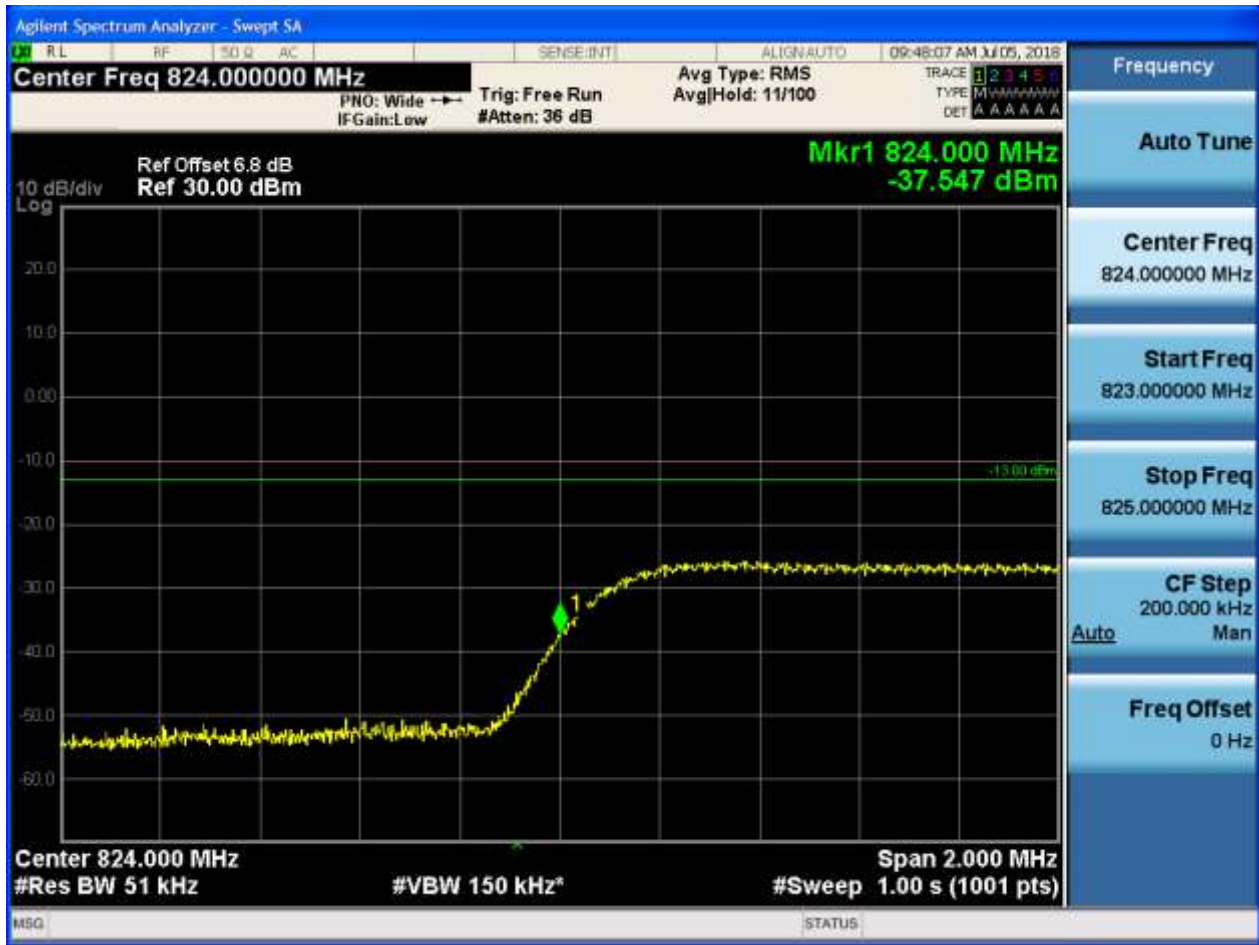
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 823.990 MHz
-32.097 dBm

Center 824.000 MHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz



5.1.1.2.3.1.4 Test RB = RB25#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#24





5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0





5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



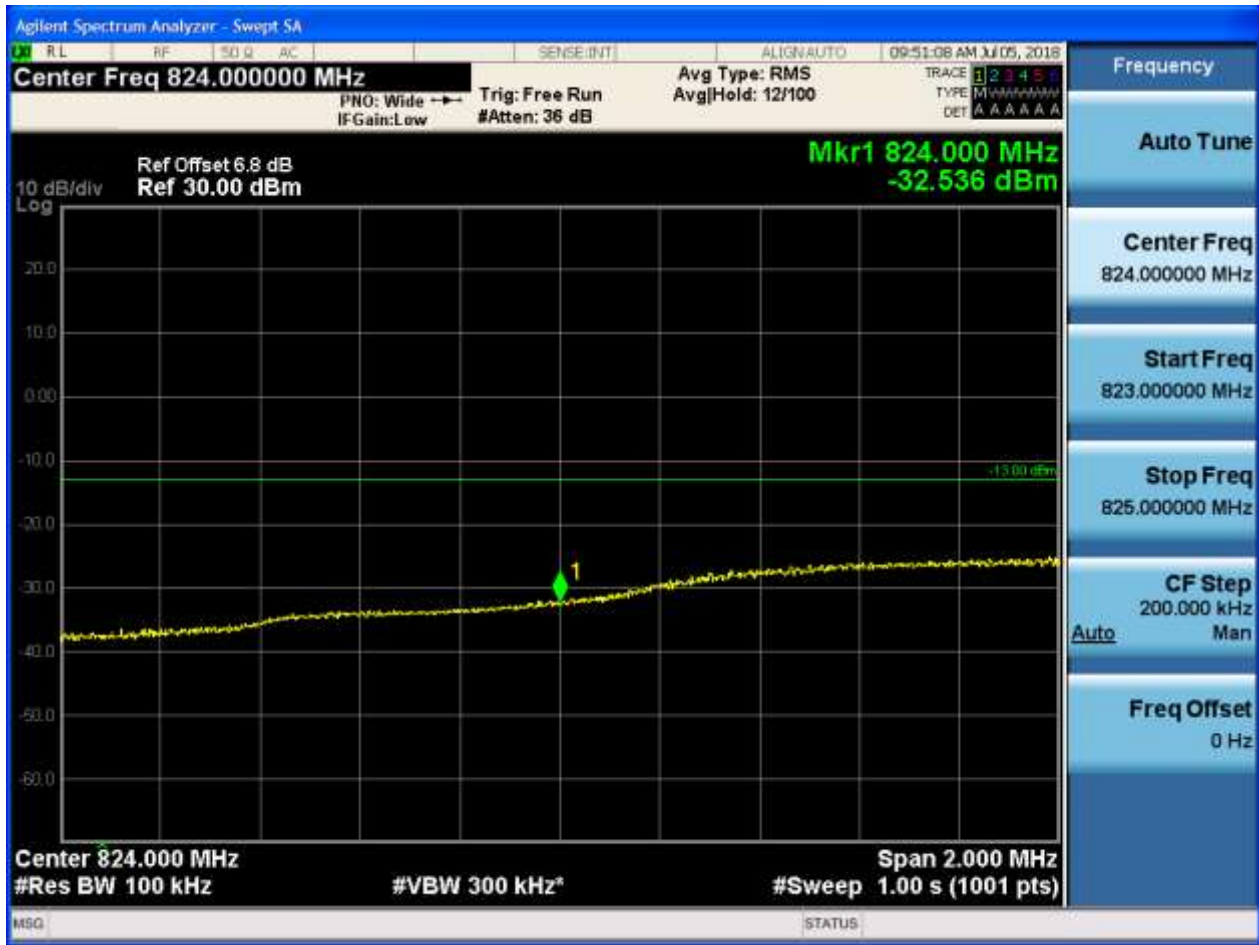


5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13





5.1.1.2.4.1.4 Test RB = RB50#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#49





5.1.1.2.4.2.3 Test RB = RB25#13





5.1.1.2.4.2.4 Test RB = RB50#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 = BAND5

6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0





