



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	23.28	19.23	38.5	PASS
				RB1#3	22.97	18.92	38.5	PASS
				RB1#5	23.28	19.23	38.5	PASS
				RB3#0	23.22	19.17	38.5	PASS
				RB3#2	23.18	19.13	38.5	PASS
				RB3#3	23.28	19.23	38.5	PASS
				RB6#0	22.37	18.32	38.5	PASS
			MCH	RB1#0	23.24	19.19	38.5	PASS
				RB1#3	22.75	18.7	38.5	PASS
				RB1#5	23.24	19.19	38.5	PASS
				RB3#0	23.23	19.18	38.5	PASS
				RB3#2	22.87	18.82	38.5	PASS
				RB3#3	23.09	19.04	38.5	PASS
				RB6#0	22.18	18.13	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.26	19.21	38.5	PASS
				RB1#3	22.96	18.91	38.5	PASS
				RB1#5	23.27	19.22	38.5	PASS
				RB3#0	23.13	19.08	38.5	PASS
				RB3#2	23.02	18.97	38.5	PASS
				RB3#3	23.09	19.04	38.5	PASS
				RB6#0	22.08	18.03	38.5	PASS
		3	LCH	RB1#0	23.32	19.27	38.5	PASS
				RB1#7	22.81	18.76	38.5	PASS
				RB1#14	23.28	19.23	38.5	PASS
				RB8#0	22.4	18.35	38.5	PASS
				RB8#4	22.24	18.19	38.5	PASS
				RB8#7	22.22	18.17	38.5	PASS
				RB15#0	22.25	18.2	38.5	PASS
			MCH	RB1#0	23.28	19.23	38.5	PASS
				RB1#7	22.39	18.34	38.5	PASS
				RB1#14	23.25	19.2	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.18	18.13	38.5	PASS
				RB8#4	22.18	18.13	38.5	PASS
				RB8#7	22.02	17.97	38.5	PASS
				RB15#0	22.24	18.19	38.5	PASS
			HCH	RB1#0	23.38	19.33	38.5	PASS
				RB1#7	23.03	18.98	38.5	PASS
				RB1#14	23.35	19.3	38.5	PASS
				RB8#0	22.24	18.19	38.5	PASS
				RB8#4	22.12	18.07	38.5	PASS
				RB8#7	22.19	18.14	38.5	PASS
				RB15#0	22.28	18.23	38.5	PASS
		5	LCH	RB1#0	23.29	19.24	38.5	PASS
				RB1#13	23.3	19.25	38.5	PASS
				RB1#24	23.3	19.25	38.5	PASS
				RB12#0	22.33	18.28	38.5	PASS
				RB12#6	22.29	18.24	38.5	PASS
				RB12#13	22.34	18.29	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.26	18.21	38.5	PASS
			MCH	RB1#0	23.2	19.15	38.5	PASS
				RB1#13	23.16	19.11	38.5	PASS
				RB1#24	23.23	19.18	38.5	PASS
				RB12#0	22.22	18.17	38.5	PASS
				RB12#6	22.24	18.19	38.5	PASS
				RB12#13	22.27	18.22	38.5	PASS
				RB25#0	22.24	18.19	38.5	PASS
			HCH	RB1#0	23.18	19.13	38.5	PASS
				RB1#13	23.23	19.18	38.5	PASS
				RB1#24	23.19	19.14	38.5	PASS
				RB12#0	22.26	18.21	38.5	PASS
				RB12#6	22.22	18.17	38.5	PASS
				RB12#13	22.21	18.16	38.5	PASS
				RB25#0	22.19	18.14	38.5	PASS
		10	LCH	RB1#0	23.32	19.27	38.5	PASS
				RB1#25	23.11	19.06	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.3	19.25	38.5	PASS
				RB25#0	22.32	18.27	38.5	PASS
				RB25#13	22.23	18.18	38.5	PASS
				RB25#25	22.27	18.22	38.5	PASS
				RB50#0	22.24	18.19	38.5	PASS
			MCH	RB1#0	23.26	19.21	38.5	PASS
				RB1#25	23.25	19.2	38.5	PASS
				RB1#49	23.27	19.22	38.5	PASS
				RB25#0	22.26	18.21	38.5	PASS
				RB25#13	22.22	18.17	38.5	PASS
				RB25#25	22.29	18.24	38.5	PASS
				RB50#0	22.24	18.19	38.5	PASS
			HCH	RB1#0	23.25	19.2	38.5	PASS
				RB1#25	22.83	18.78	38.5	PASS
				RB1#49	23.2	19.15	38.5	PASS
				RB25#0	22.19	18.14	38.5	PASS
				RB25#13	22.21	18.16	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.24	18.19	38.5	PASS
				RB50#0	22.13	18.08	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.3	18.25	38.5	PASS
				RB1#3	22.15	18.1	38.5	PASS
				RB1#5	22.26	18.21	38.5	PASS
				RB3#0	22.19	18.14	38.5	PASS
				RB3#2	22.11	18.06	38.5	PASS
				RB3#3	22.16	18.11	38.5	PASS
				RB6#0	21.23	17.18	38.5	PASS
			MCH	RB1#0	22.3	18.25	38.5	PASS
				RB1#3	22	17.95	38.5	PASS
				RB1#5	22.29	18.24	38.5	PASS
				RB3#0	22.33	18.28	38.5	PASS
				RB3#2	22.1	18.05	38.5	PASS
				RB3#3	22.23	18.18	38.5	PASS
				RB6#0	21.08	17.03	38.5	PASS
			HCH	RB1#0	22.47	18.42	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.1	18.05	38.5	PASS
				RB1#5	22.5	18.45	38.5	PASS
				RB3#0	22.22	18.17	38.5	PASS
				RB3#2	22.35	18.3	38.5	PASS
				RB3#3	22.21	18.16	38.5	PASS
				RB6#0	21.04	16.99	38.5	PASS
		3	LCH	RB1#0	22.47	18.42	38.5	PASS
				RB1#7	22.07	18.02	38.5	PASS
				RB1#14	22.45	18.4	38.5	PASS
				RB8#0	21.26	17.21	38.5	PASS
				RB8#4	21.25	17.2	38.5	PASS
				RB8#7	21.23	17.18	38.5	PASS
				RB15#0	21.22	17.17	38.5	PASS
			MCH	RB1#0	22.42	18.37	38.5	PASS
				RB1#7	22.59	18.54	38.5	PASS
				RB1#14	22.38	18.33	38.5	PASS
				RB8#0	21.13	17.08	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	20.98	16.93	38.5	PASS
				RB8#7	21.14	17.09	38.5	PASS
				RB15#0	21.12	17.07	38.5	PASS
			HCH	RB1#0	22.55	18.5	38.5	PASS
				RB1#7	22.5	18.45	38.5	PASS
				RB1#14	22.42	18.37	38.5	PASS
				RB8#0	21.15	17.1	38.5	PASS
				RB8#4	21.24	17.19	38.5	PASS
				RB8#7	21.16	17.11	38.5	PASS
				RB15#0	21.49	17.44	38.5	PASS
		5	LCH	RB1#0	22.43	18.38	38.5	PASS
				RB1#13	22.41	18.36	38.5	PASS
				RB1#24	22.4	18.35	38.5	PASS
				RB12#0	21.31	17.26	38.5	PASS
				RB12#6	21.13	17.08	38.5	PASS
				RB12#13	21.29	17.24	38.5	PASS
				RB25#0	21.2	17.15	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.38	18.33	38.5	PASS
				RB1#13	22.34	18.29	38.5	PASS
				RB1#24	22.43	18.38	38.5	PASS
				RB12#0	21.23	17.18	38.5	PASS
				RB12#6	21.27	17.22	38.5	PASS
				RB12#13	21.19	17.14	38.5	PASS
				RB25#0	21.2	17.15	38.5	PASS
			HCH	RB1#0	22.56	18.51	38.5	PASS
				RB1#13	22.62	18.57	38.5	PASS
				RB1#24	22.57	18.52	38.5	PASS
				RB12#0	21.32	17.27	38.5	PASS
				RB12#6	21.25	17.2	38.5	PASS
				RB12#13	21.35	17.3	38.5	PASS
				RB25#0	21.22	17.17	38.5	PASS
		10	LCH	RB1#0	22.49	18.44	38.5	PASS
				RB1#25	22.34	18.29	38.5	PASS
				RB1#49	22.36	18.31	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.24	17.19	38.5	PASS
				RB25#13	21.22	17.17	38.5	PASS
				RB25#25	21.23	17.18	38.5	PASS
				RB50#0	21.2	17.15	38.5	PASS
			MCH	RB1#0	22.08	18.03	38.5	PASS
				RB1#25	21.66	17.61	38.5	PASS
				RB1#49	22.13	18.08	38.5	PASS
				RB25#0	21.16	17.11	38.5	PASS
				RB25#13	21.21	17.16	38.5	PASS
				RB25#25	21.19	17.14	38.5	PASS
				RB50#0	21.16	17.11	38.5	PASS
			HCH	RB1#0	22.55	18.5	38.5	PASS
				RB1#25	22	17.95	38.5	PASS
				RB1#49	22.41	18.36	38.5	PASS
				RB25#0	21.08	17.03	38.5	PASS
				RB25#13	21.1	17.05	38.5	PASS
				RB25#25	21.13	17.08	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.13	17.08	38.5	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:

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

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

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

$$\text{SET Sweep time} = \text{auto-couple.}$$

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	4.44	13	PASS
				RB1#3	4.3	13	PASS
				RB1#5	4.31	13	PASS
				RB3#0	4.7	13	PASS
				RB3#2	4.58	13	PASS
				RB3#3	4.66	13	PASS
				RB6#0	5.67	13	PASS
			MCH	RB1#0	4.34	13	PASS
				RB1#3	4.42	13	PASS
				RB1#5	4.33	13	PASS
				RB3#0	5.18	13	PASS
				RB3#2	5.14	13	PASS
				RB3#3	5.22	13	PASS
				RB6#0	5.45	13	PASS
			HCH	RB1#0	3.93	13	PASS
				RB1#3	4.23	13	PASS
				RB1#5	4.03	13	PASS
				RB3#0	4.3	13	PASS
				RB3#2	4.43	13	PASS
				RB3#3	4.49	13	PASS
				RB6#0	5.57	13	PASS
		3	LCH	RB1#0	4.29	13	PASS
				RB1#7	4.48	13	PASS
				RB1#14	4.12	13	PASS
				RB8#0	5.43	13	PASS
				RB8#4	5.34	13	PASS
				RB8#7	5.39	13	PASS
				RB15#0	5.59	13	PASS
			MCH	RB1#0	4.62	13	PASS
				RB1#7	4.72	13	PASS
				RB1#14	4.52	13	PASS
				RB8#0	5.78	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	5.65	13	PASS
				RB8#7	5.65	13	PASS
				RB15#0	5.6	13	PASS
			HCH	RB1#0	3.57	13	PASS
				RB1#7	4.07	13	PASS
				RB1#14	4.17	13	PASS
				RB8#0	5.04	13	PASS
				RB8#4	4.97	13	PASS
				RB8#7	5.17	13	PASS
				RB15#0	5.47	13	PASS
		5	LCH	RB1#0	4.42	13	PASS
				RB1#13	4.21	13	PASS
				RB1#24	4.2	13	PASS
				RB12#0	5.29	13	PASS
				RB12#6	5.18	13	PASS
				RB12#13	5.23	13	PASS
				RB25#0	5.91	13	PASS
			MCH	RB1#0	4.61	13	PASS
				RB1#13	4.6	13	PASS
				RB1#24	4.61	13	PASS
				RB12#0	5.55	13	PASS
				RB12#6	5.45	13	PASS
				RB12#13	5.61	13	PASS
				RB25#0	5.81	13	PASS
			HCH	RB1#0	3.46	13	PASS
				RB1#13	3.65	13	PASS
				RB1#24	4.12	13	PASS
				RB12#0	4.73	13	PASS
				RB12#6	4.74	13	PASS
				RB12#13	5.04	13	PASS
				RB25#0	5.3	13	PASS
		10	LCH	RB1#0	4.23	13	PASS
				RB1#25	4.16	13	PASS
				RB1#49	4.46	13	PASS
				RB25#0	5.39	13	PASS
				RB25#13	5.32	13	PASS
				RB25#25	5.48	13	PASS
				RB50#0	5.71	13	PASS
			MCH	RB1#0	4.21	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.36	13	PASS
				RB1#49	4.12	13	PASS
				RB25#0	5.5	13	PASS
				RB25#13	5.53	13	PASS
				RB25#25	5.59	13	PASS
				RB50#0	6	13	PASS
			HCH	RB1#0	4.25	13	PASS
				RB1#25	3.42	13	PASS
				RB1#49	4.02	13	PASS
				RB25#0	5.25	13	PASS
				RB25#13	4.68	13	PASS
				RB25#25	4.8	13	PASS
				RB50#0	5.61	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.27	13	PASS
				RB1#3	5.37	13	PASS
				RB1#5	5.15	13	PASS
				RB3#0	5.47	13	PASS
				RB3#2	5.4	13	PASS
				RB3#3	5.53	13	PASS
				RB6#0	6.14	13	PASS
			MCH	RB1#0	5.66	13	PASS
				RB1#3	5.89	13	PASS
				RB1#5	5.7	13	PASS
				RB3#0	5.67	13	PASS
				RB3#2	5.99	13	PASS
				RB3#3	5.69	13	PASS
				RB6#0	6.54	13	PASS
		3	HCH	RB1#0	4.65	13	PASS
				RB1#3	4.74	13	PASS
				RB1#5	4.76	13	PASS
				RB3#0	5.34	13	PASS
				RB3#2	5.36	13	PASS
				RB3#3	5.56	13	PASS
				RB6#0	6.46	13	PASS
			LCH	RB1#0	5.24	13	PASS
				RB1#7	5.45	13	PASS
				RB1#14	5.04	13	PASS
				RB8#0	6.27	13	PASS
				RB8#4	6.2	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.26	13	PASS
				RB15#0	6.2	13	PASS
			MCH	RB1#0	5.57	13	PASS
				RB1#7	5.5	13	PASS
				RB1#14	5.62	13	PASS
				RB8#0	6.2	13	PASS
				RB8#4	6.16	13	PASS
				RB8#7	6.21	13	PASS
				RB15#0	6.38	13	PASS
			HCH	RB1#0	4.5	13	PASS
				RB1#7	4.92	13	PASS
				RB1#14	4.87	13	PASS
				RB8#0	5.92	13	PASS
				RB8#4	5.83	13	PASS
				RB8#7	6.09	13	PASS
				RB15#0	5.97	13	PASS
		5	LCH	RB1#0	5.41	13	PASS
				RB1#13	5.15	13	PASS
				RB1#24	5.29	13	PASS
				RB12#0	6.05	13	PASS
				RB12#6	6.12	13	PASS
				RB12#13	6.09	13	PASS
				RB25#0	6.63	13	PASS
			MCH	RB1#0	5.29	13	PASS
				RB1#13	5.38	13	PASS
				RB1#24	5.25	13	PASS
				RB12#0	6.34	13	PASS
				RB12#6	6.23	13	PASS
				RB12#13	6.41	13	PASS
				RB25#0	6.68	13	PASS
			HCH	RB1#0	4.23	13	PASS
				RB1#13	4.28	13	PASS
				RB1#24	4.69	13	PASS
				RB12#0	5.53	13	PASS
				RB12#6	5.54	13	PASS
				RB12#13	5.8	13	PASS
				RB25#0	6.14	13	PASS
		10	LCH	RB1#0	5.09	13	PASS
				RB1#25	5.28	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.51	13	PASS
				RB25#0	6.2	13	PASS
				RB25#13	6.16	13	PASS
				RB25#25	6.29	13	PASS
				RB50#0	6.55	13	PASS
			MCH	RB1#0	5.15	13	PASS
				RB1#25	5.56	13	PASS
				RB1#49	5.14	13	PASS
				RB25#0	6.5	13	PASS
				RB25#13	6.36	13	PASS
				RB25#25	6.47	13	PASS
				RB50#0	6.98	13	PASS
			HCH	RB1#0	4.9	13	PASS
				RB1#25	4.34	13	PASS
				RB1#49	4.93	13	PASS
				RB25#0	6.18	13	PASS
				RB25#13	5.71	13	PASS
				RB25#25	5.82	13	PASS
				RB50#0	6.33	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

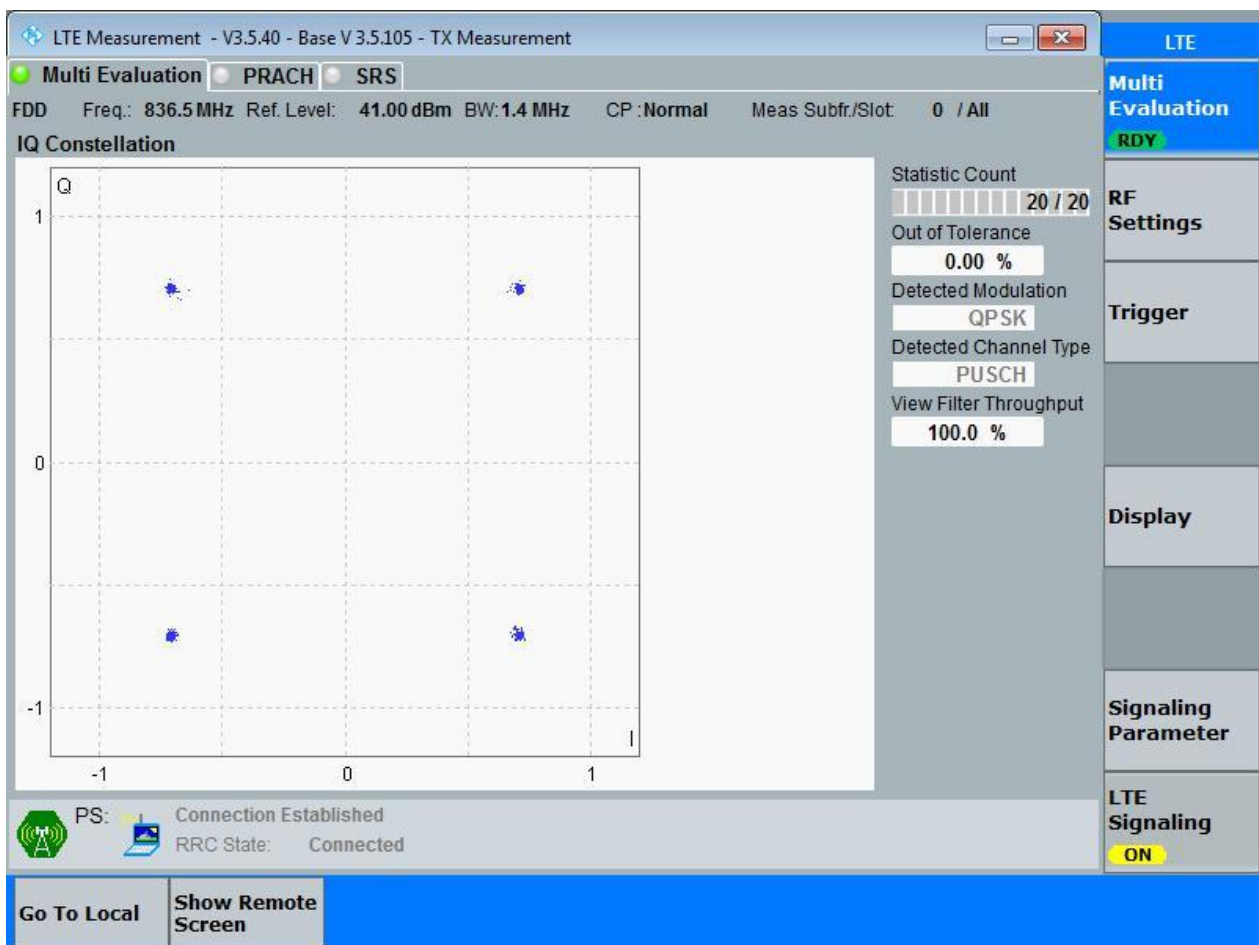
3.1.1 Test Band = BAND5

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

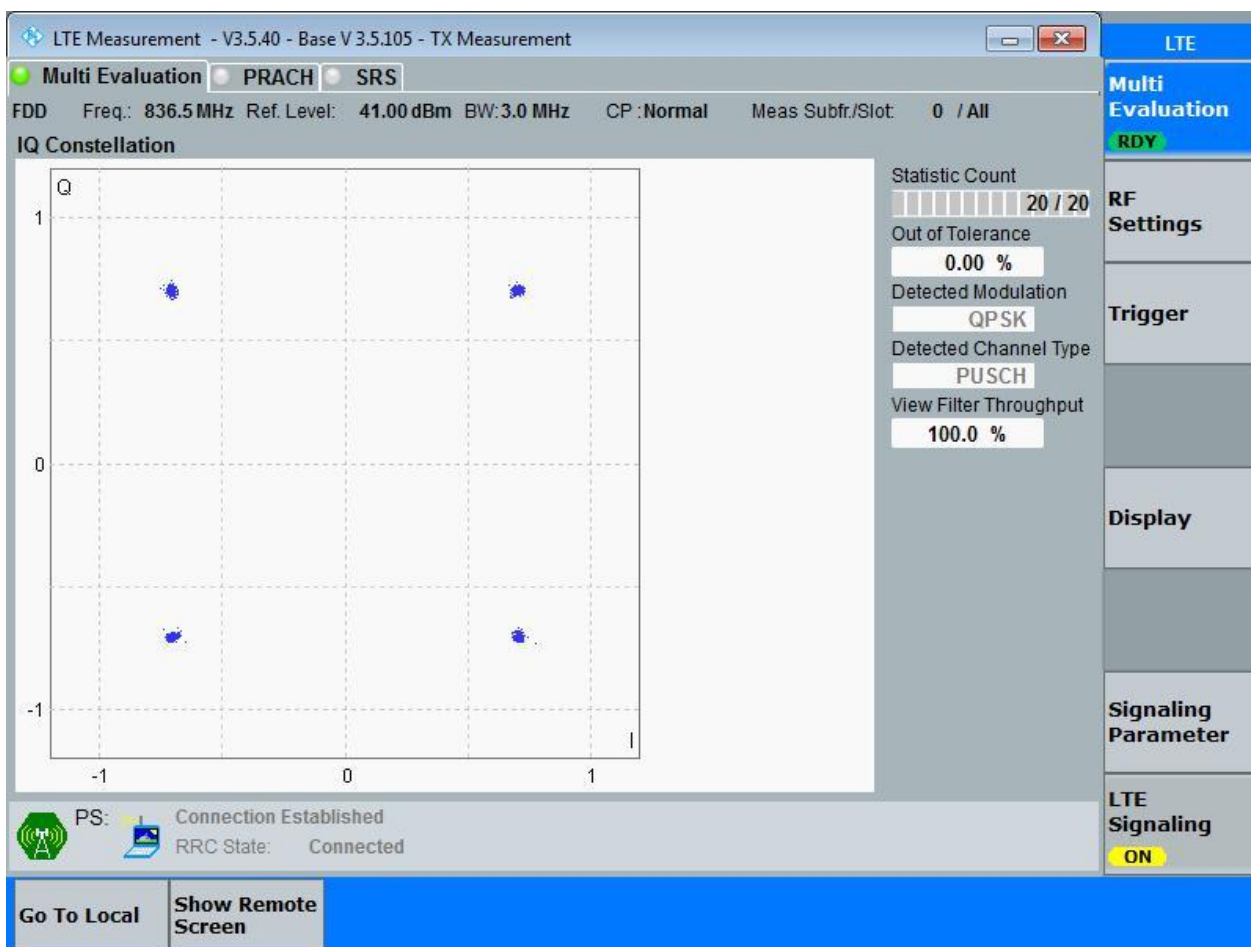
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

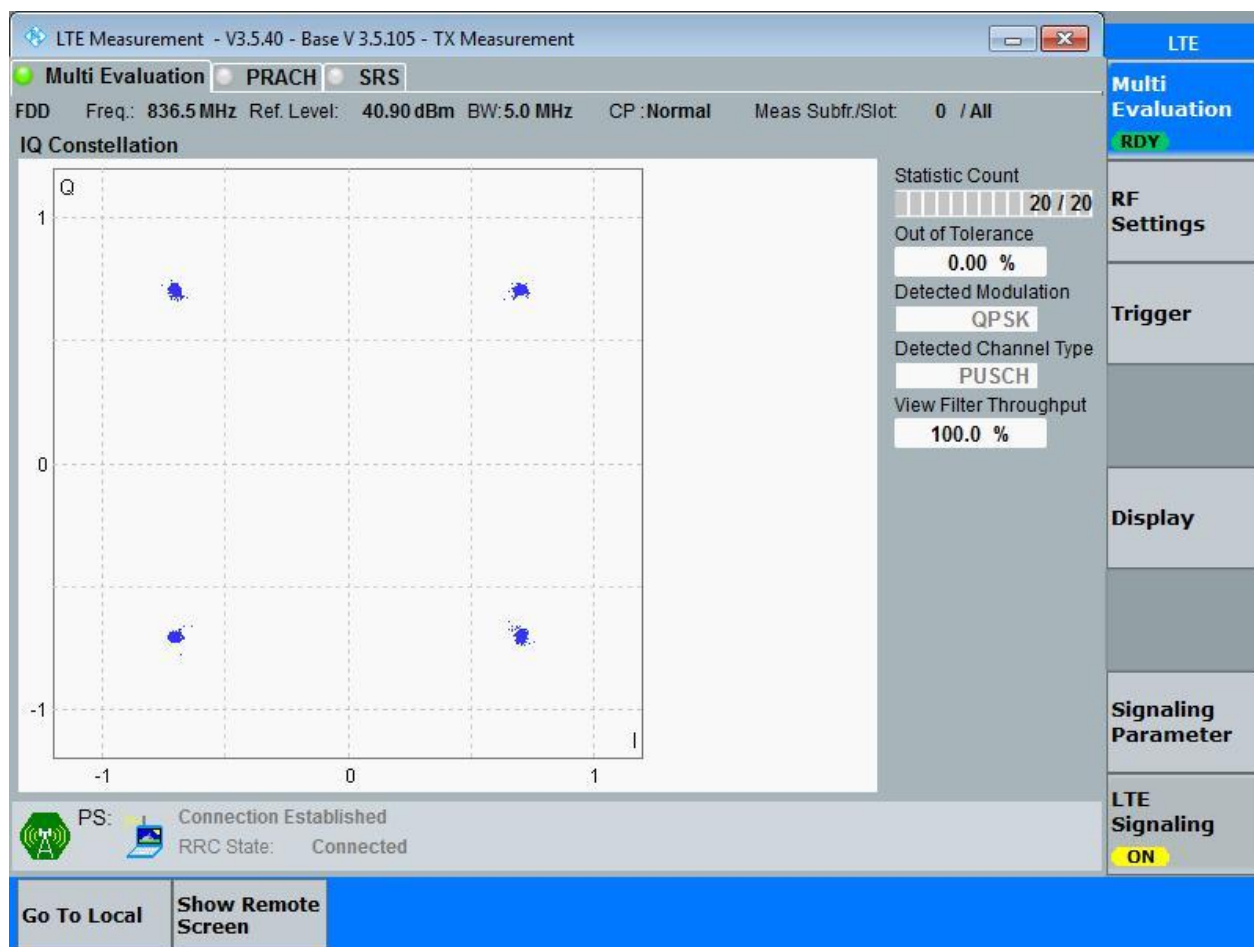
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

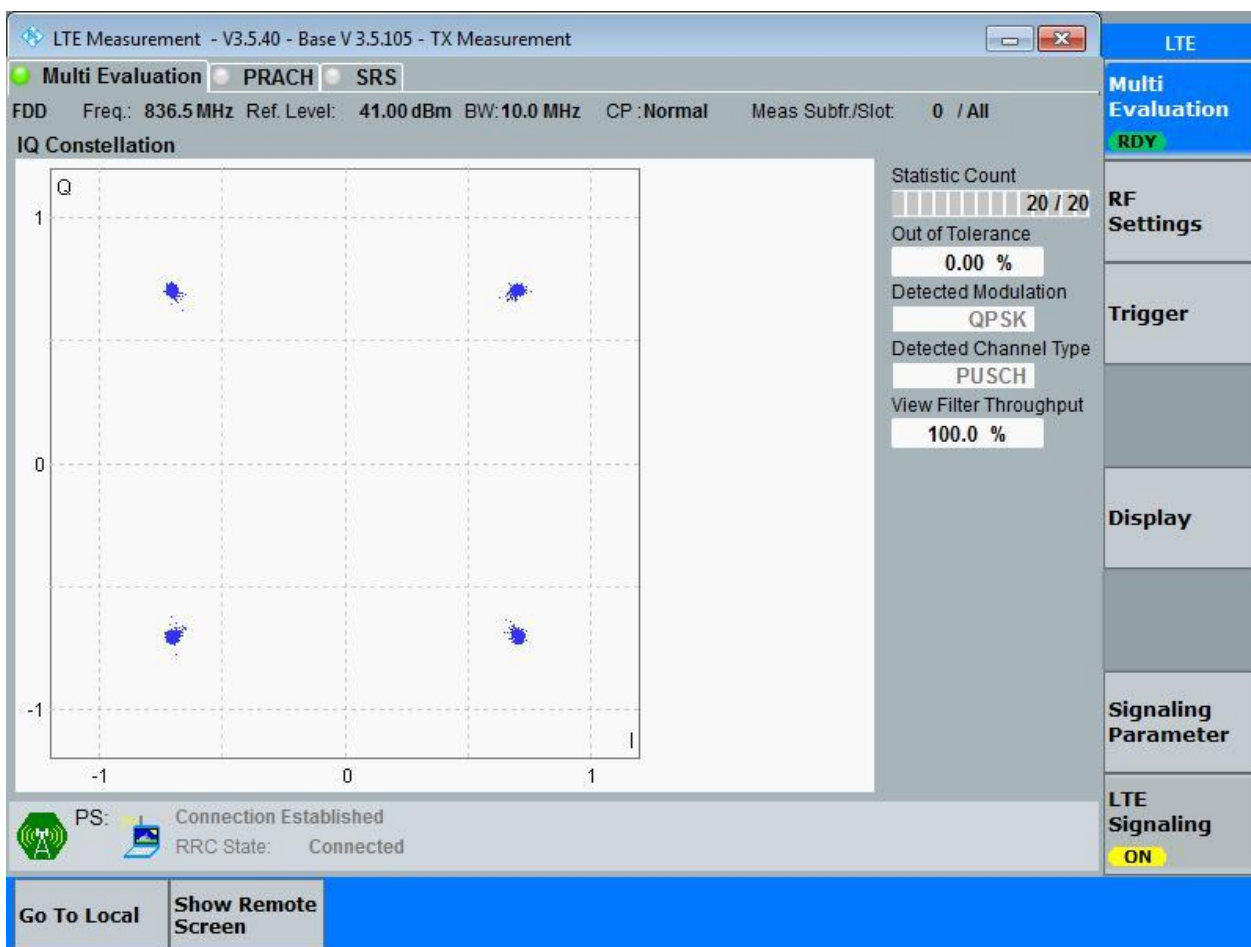
3.1.1.1.3.1.1 Test RB = RB25#0



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

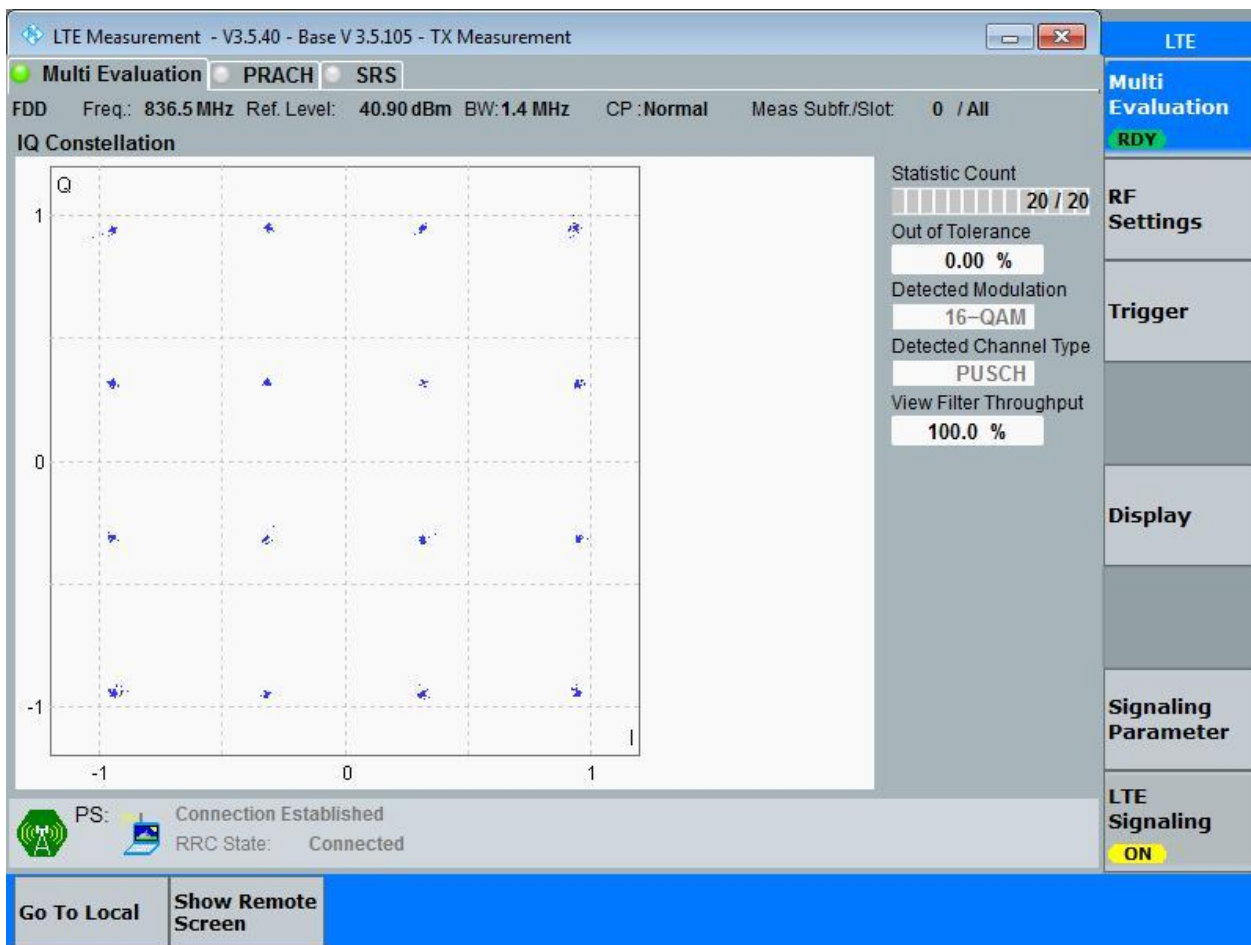


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

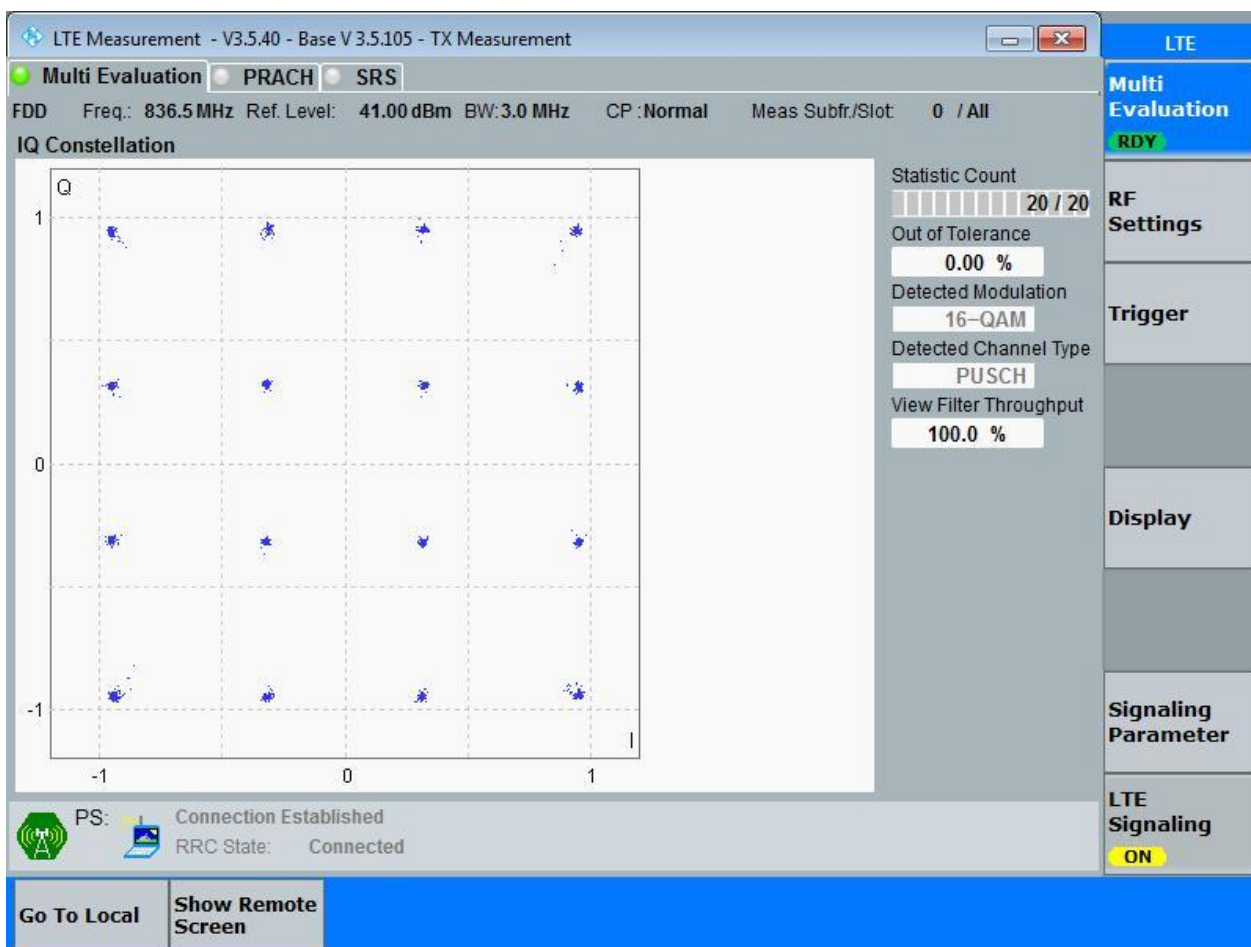
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

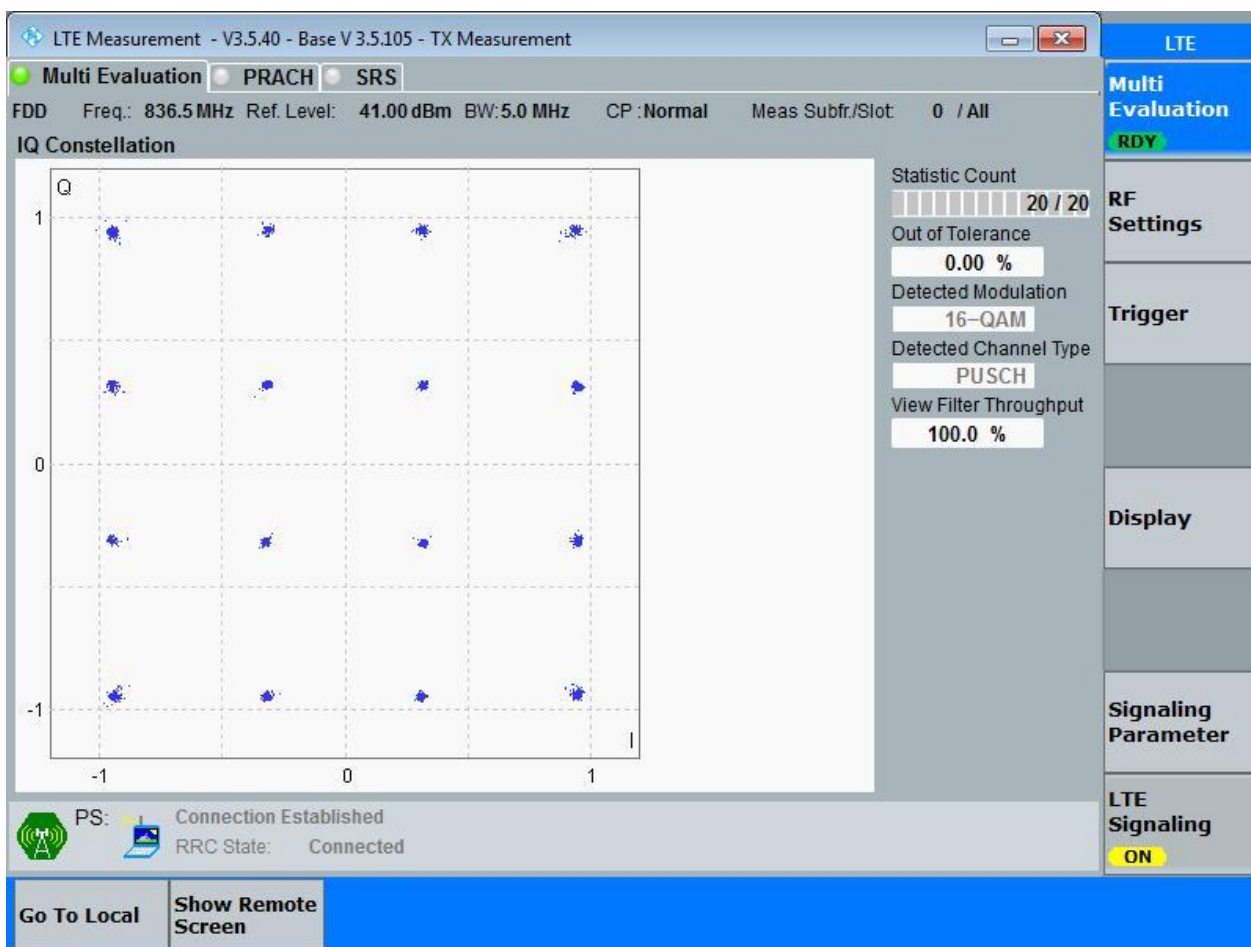
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

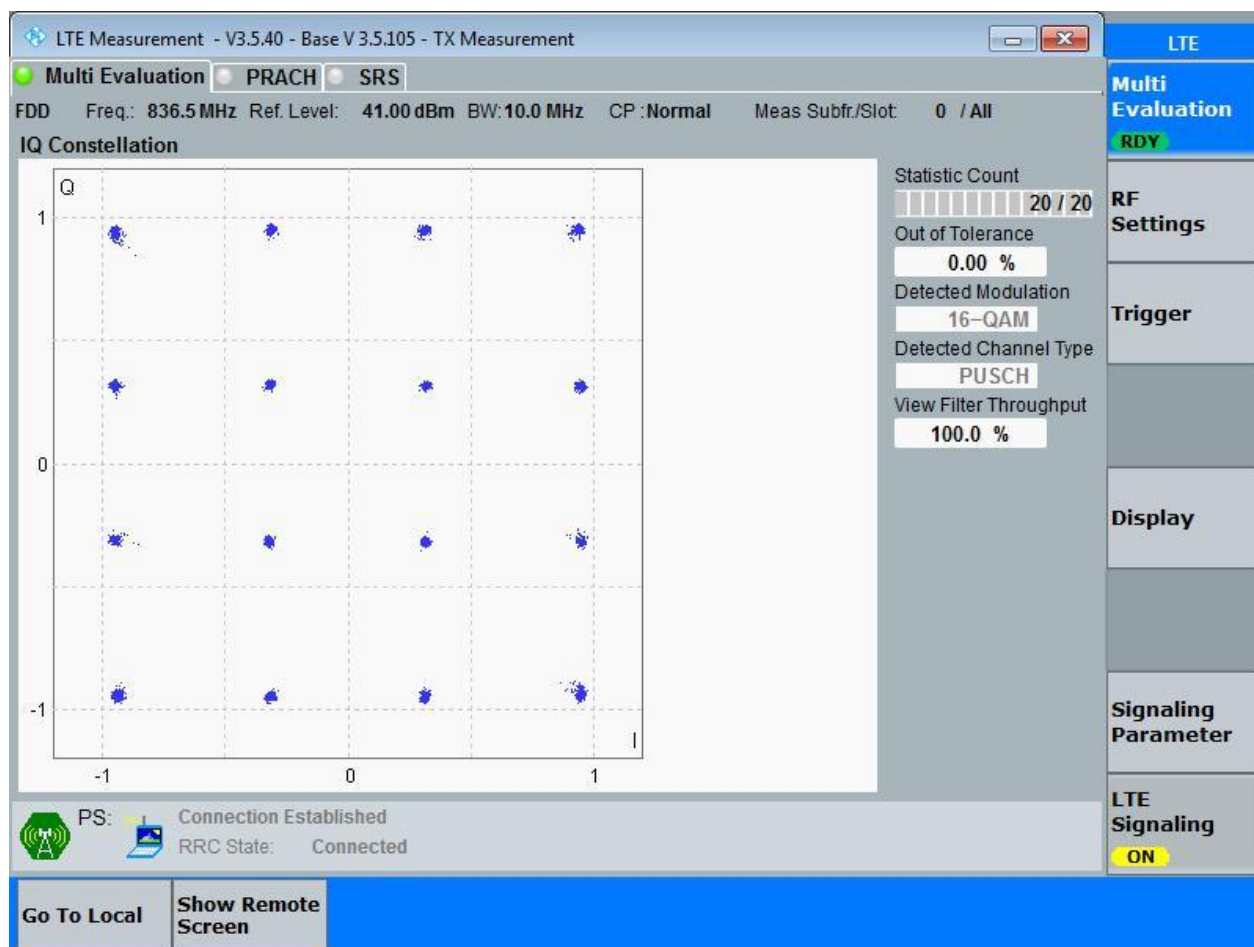
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.08	1.20	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.72	2.98	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.51	4.90	Pass
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.50	4.91	Pass
		10	LCH	RB50#0	8.97	9.91	Pass
			MCH	RB50#0	9.01	9.93	Pass
			HCH	RB50#0	8.99	9.87	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.08	1.20	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.09	1.21	Pass
		3	LCH	RB15#0	2.71	2.89	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.89	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.52	4.93	Pass
		10	LCH	RB50#0	8.97	9.89	Pass
			MCH	RB50#0	9.01	9.95	Pass
			HCH	RB50#0	8.98	9.87	Pass

Part II - Test Plots

4.1 For LTE

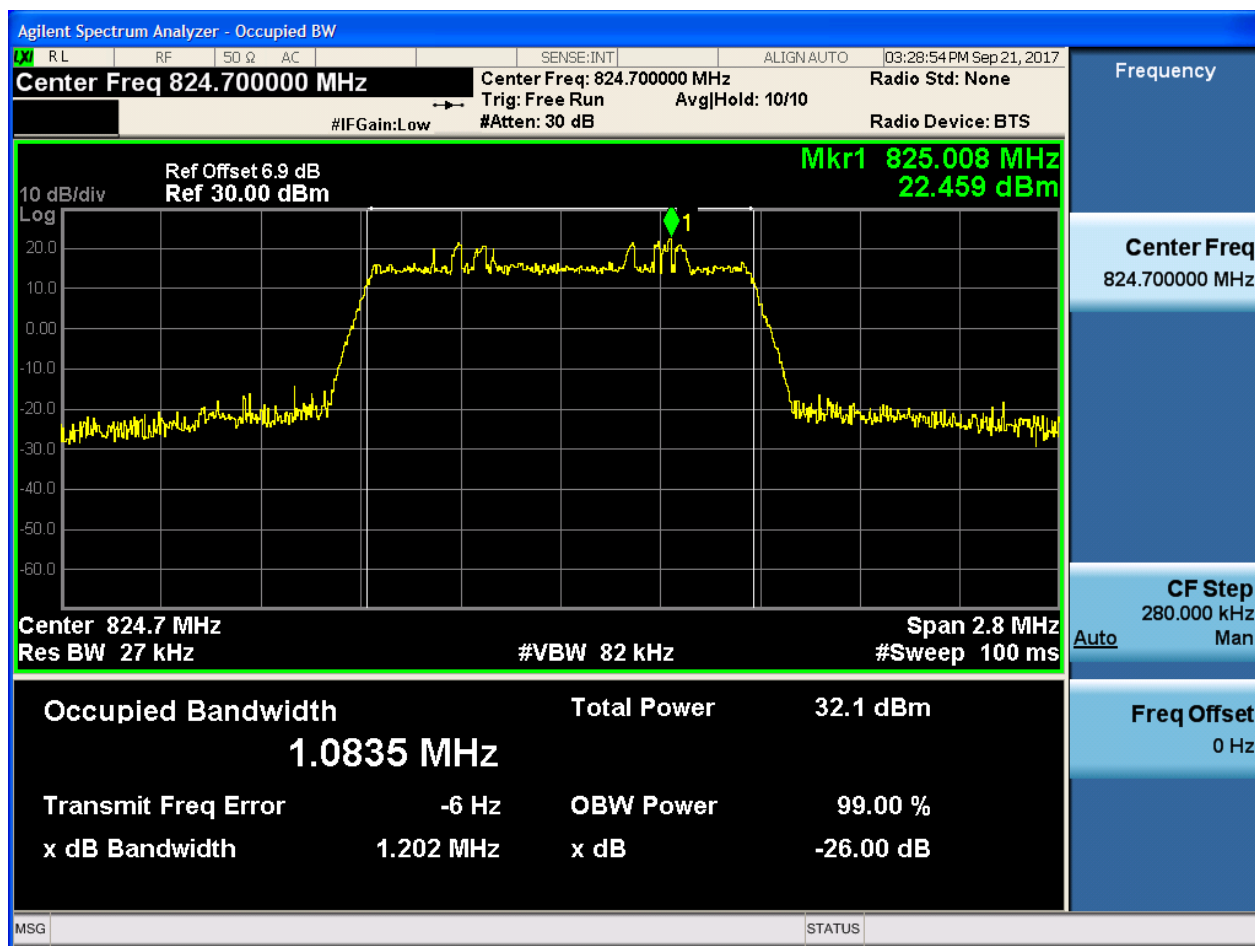
4.1.1 Test Band = BAND5

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

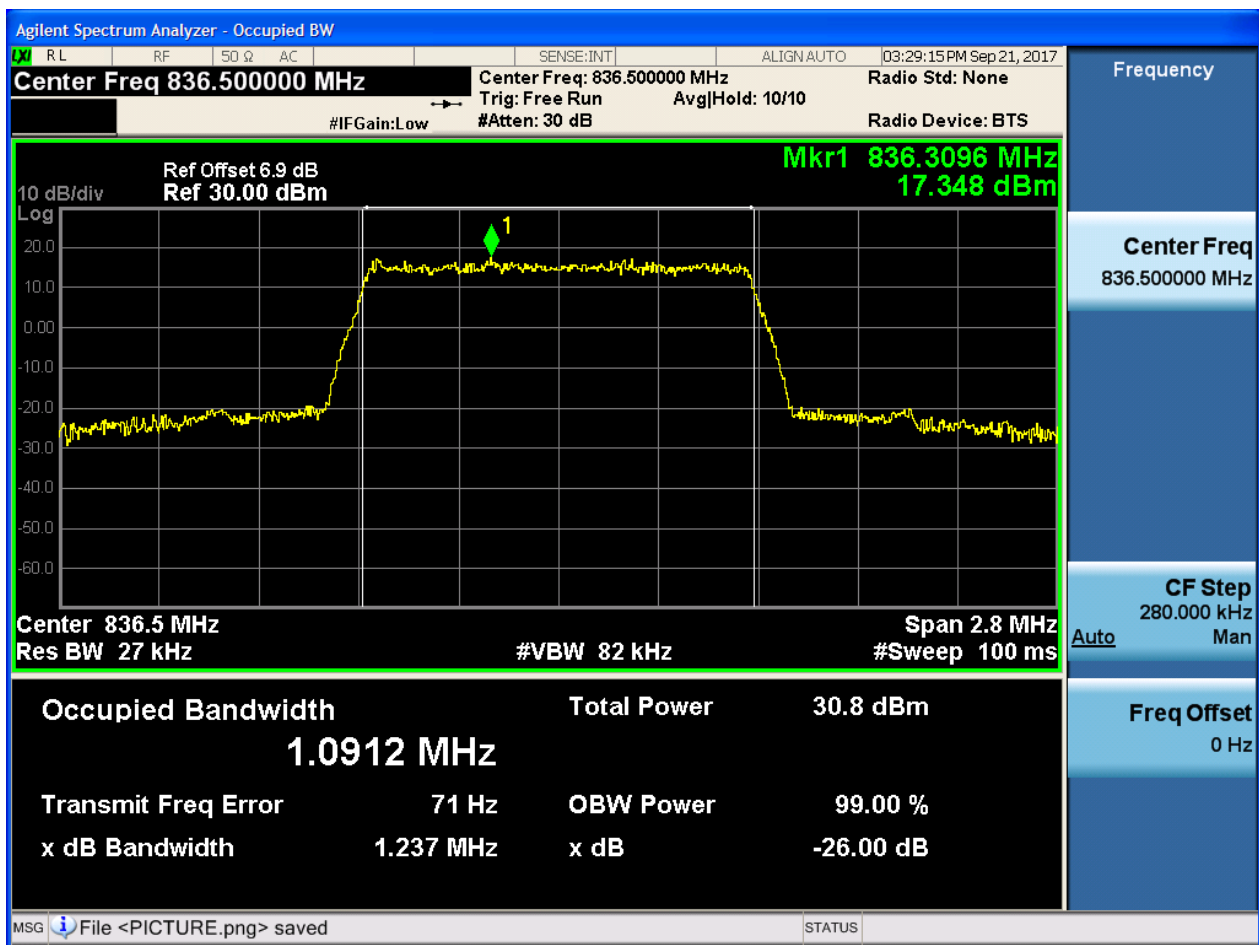
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

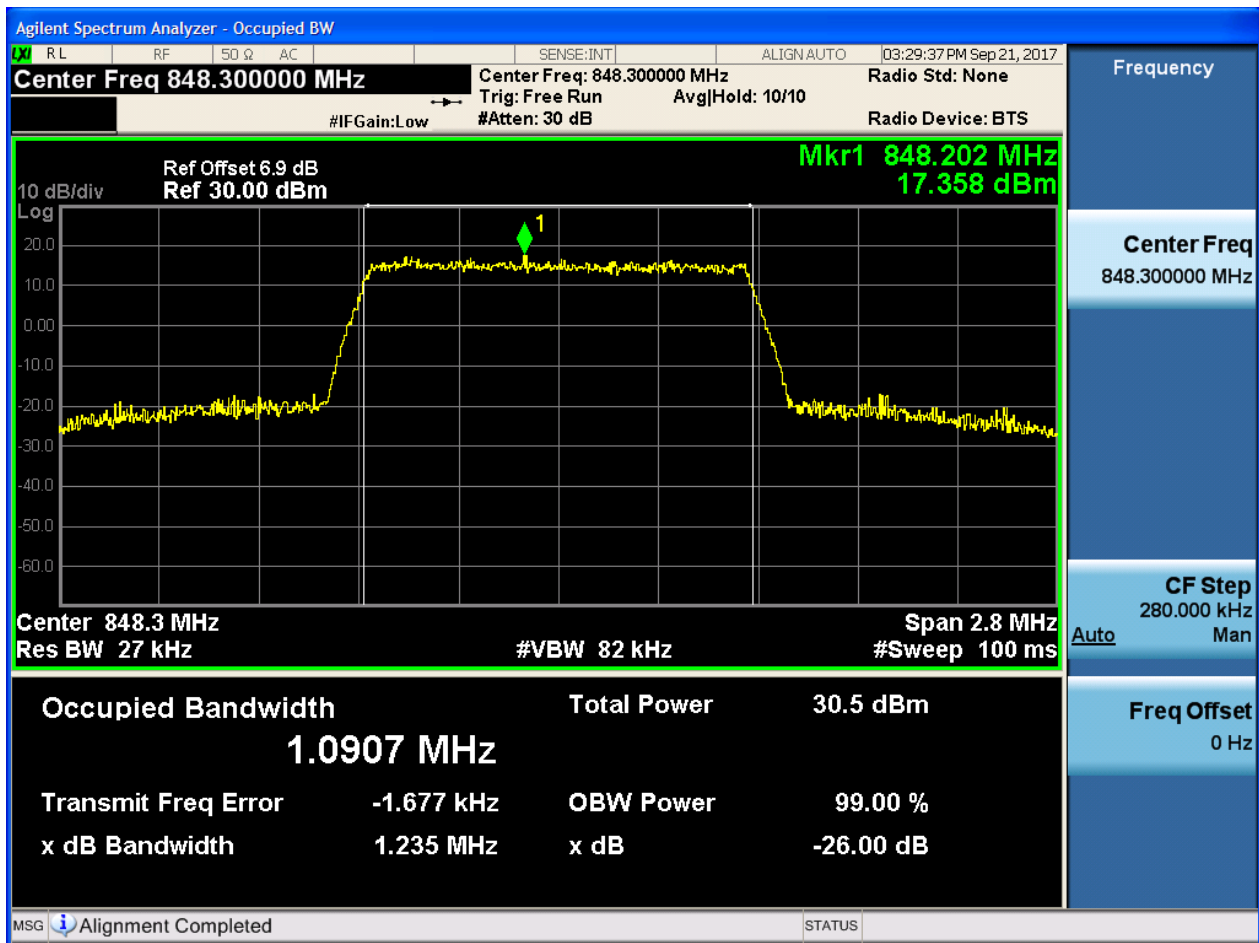
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

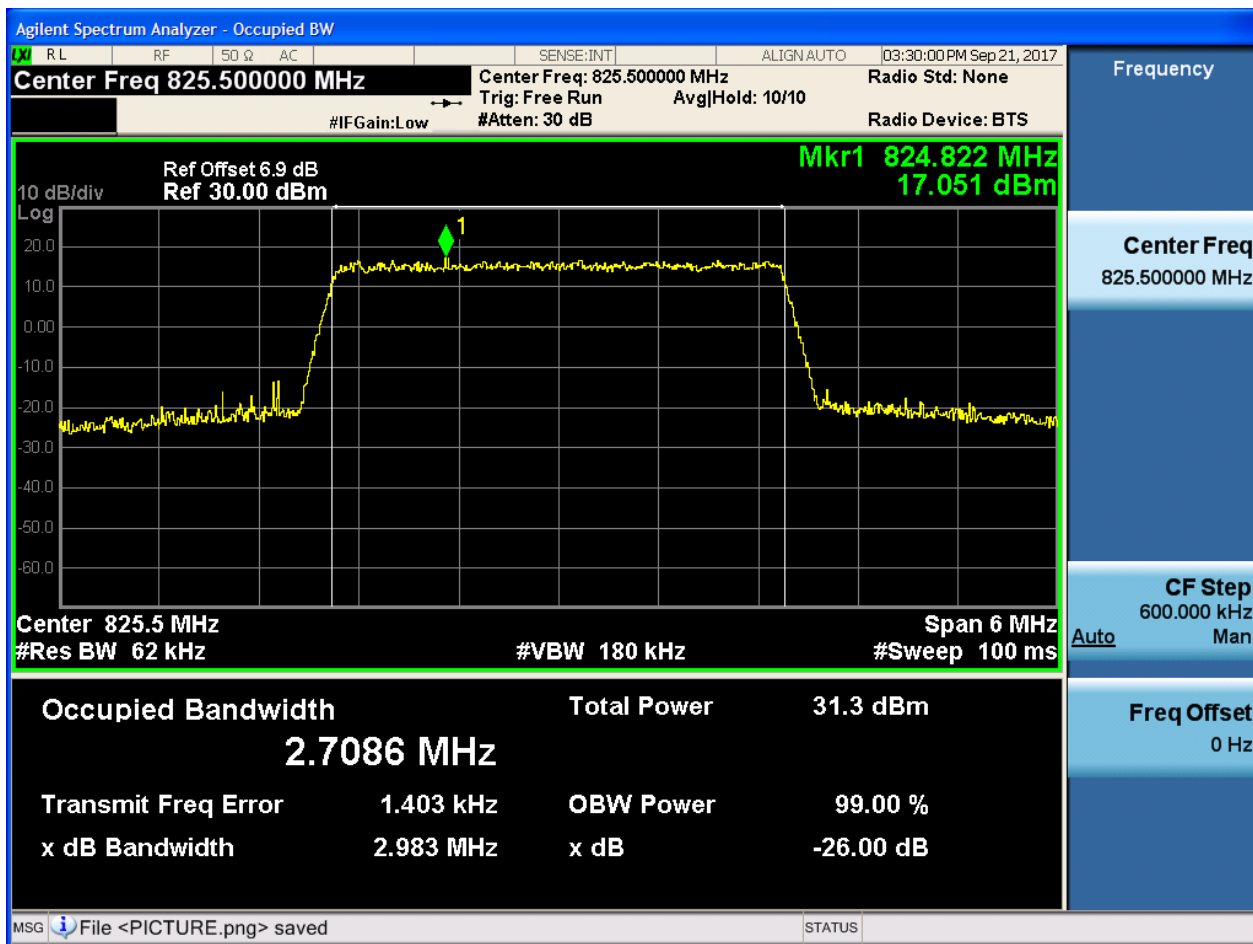




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

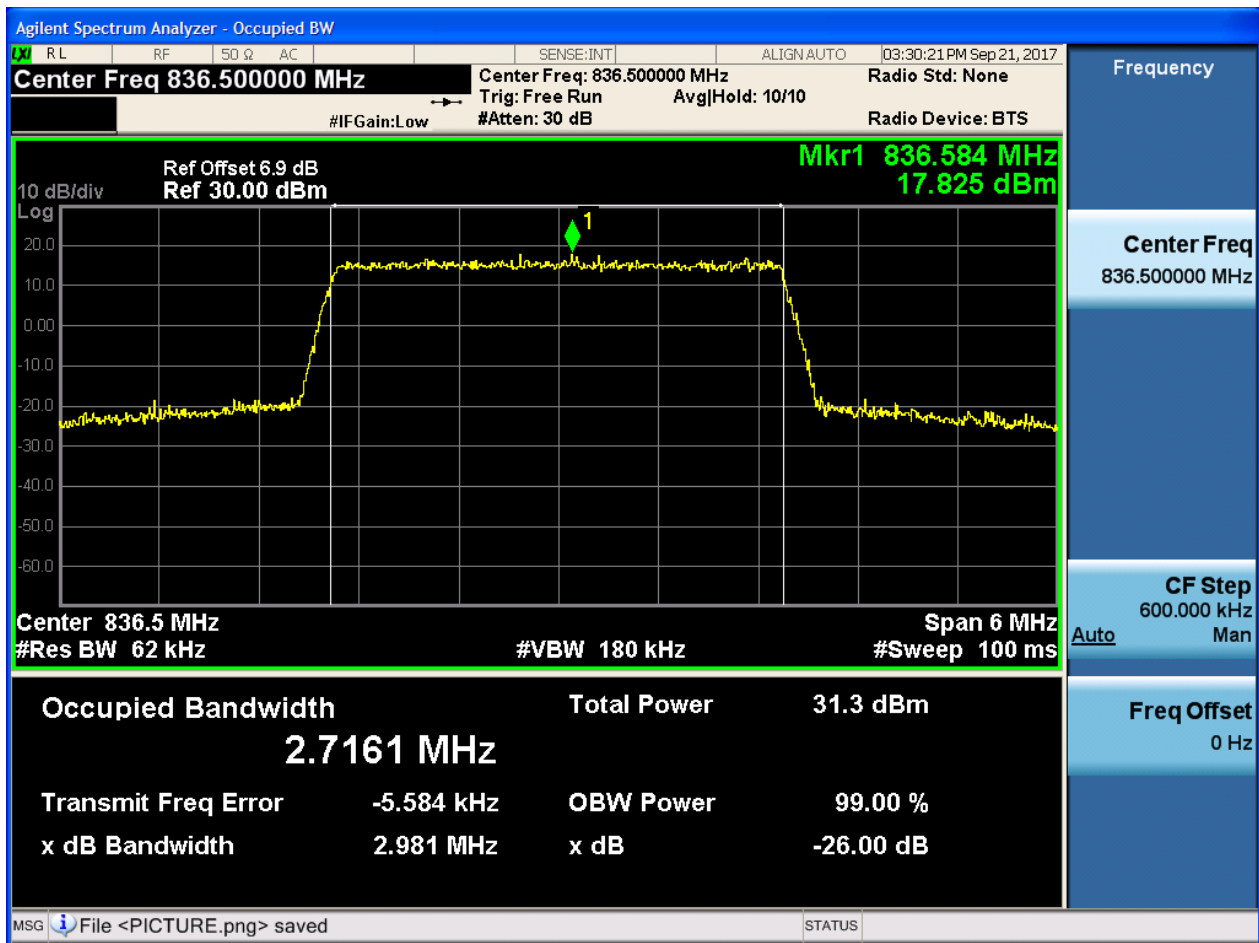
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

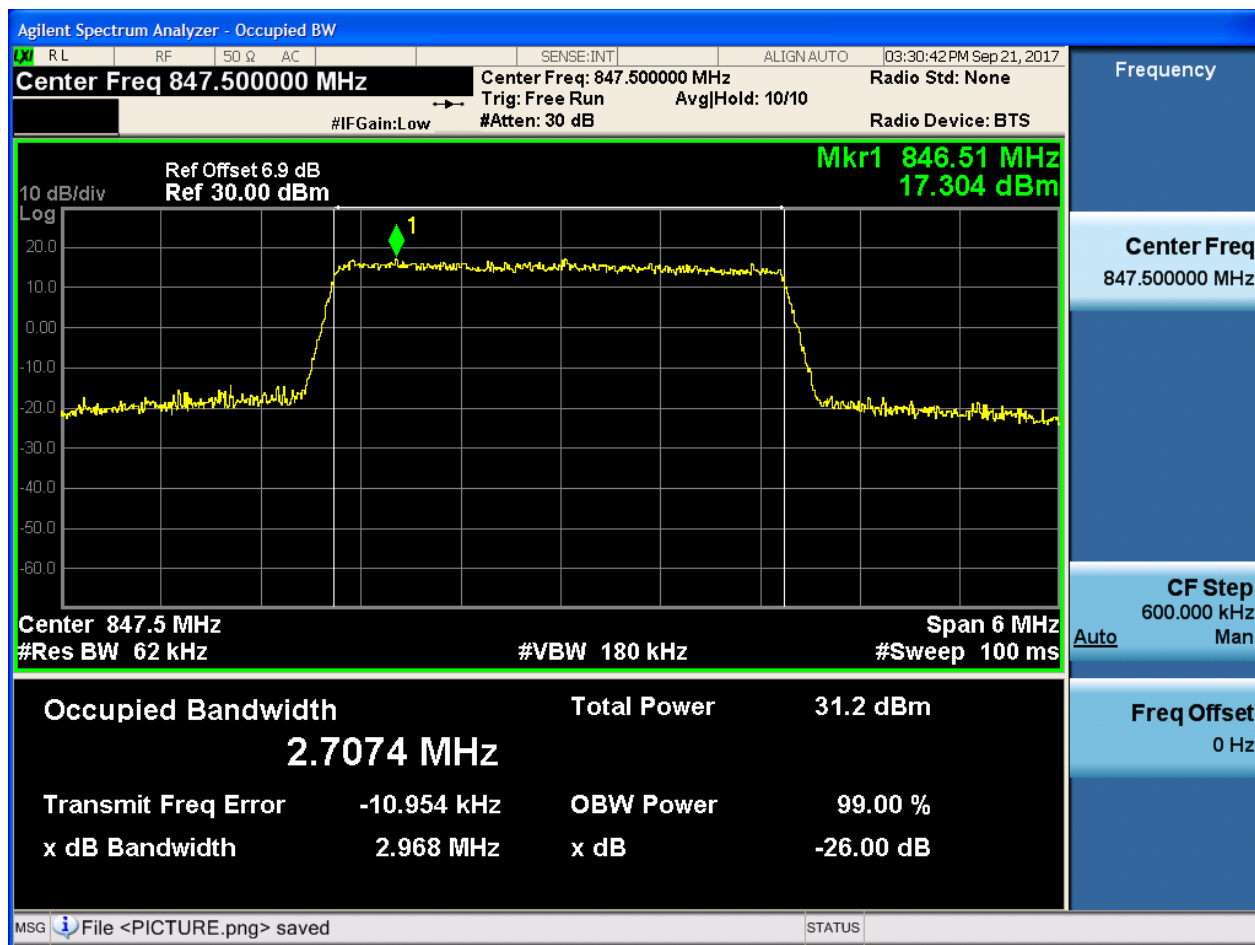
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

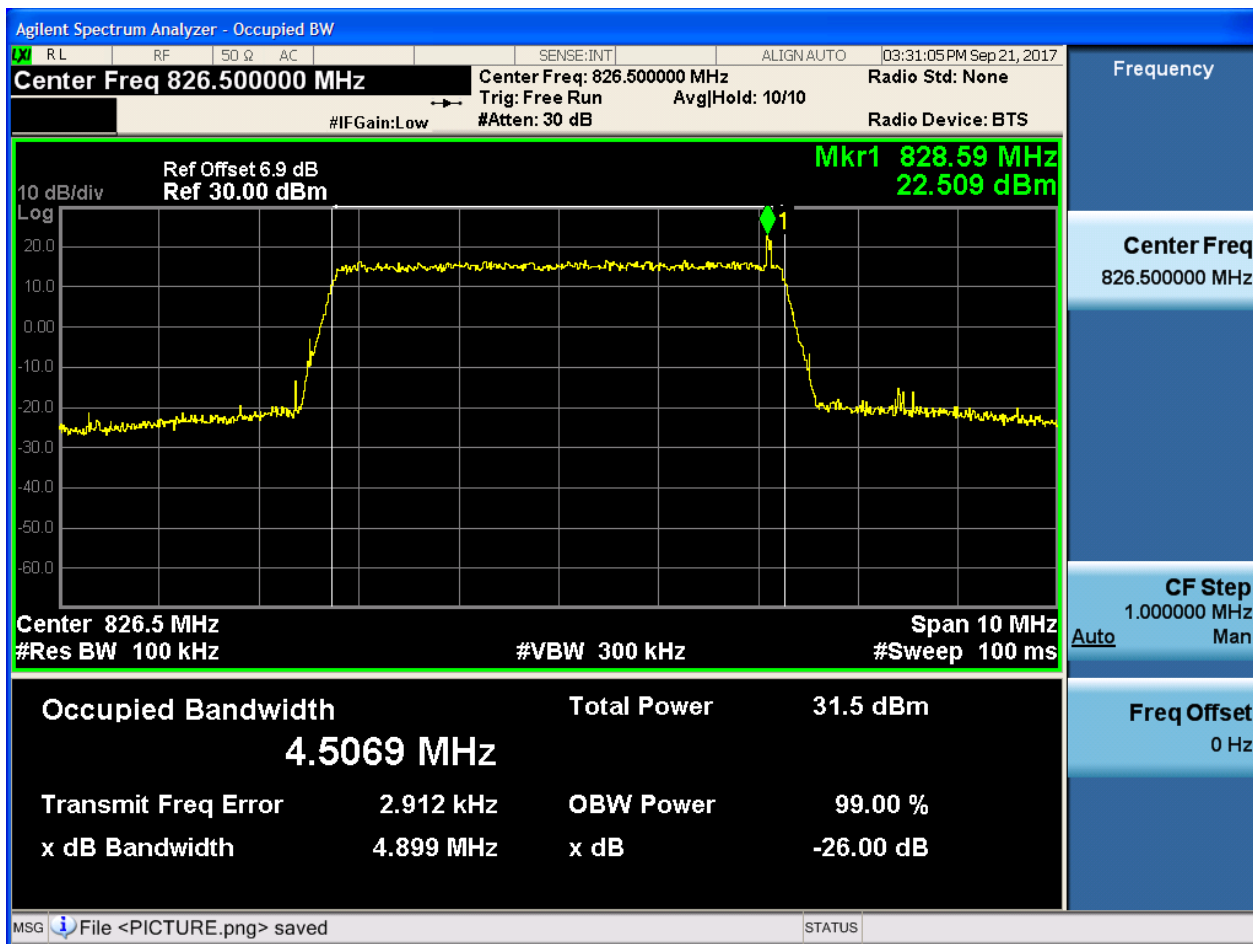




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

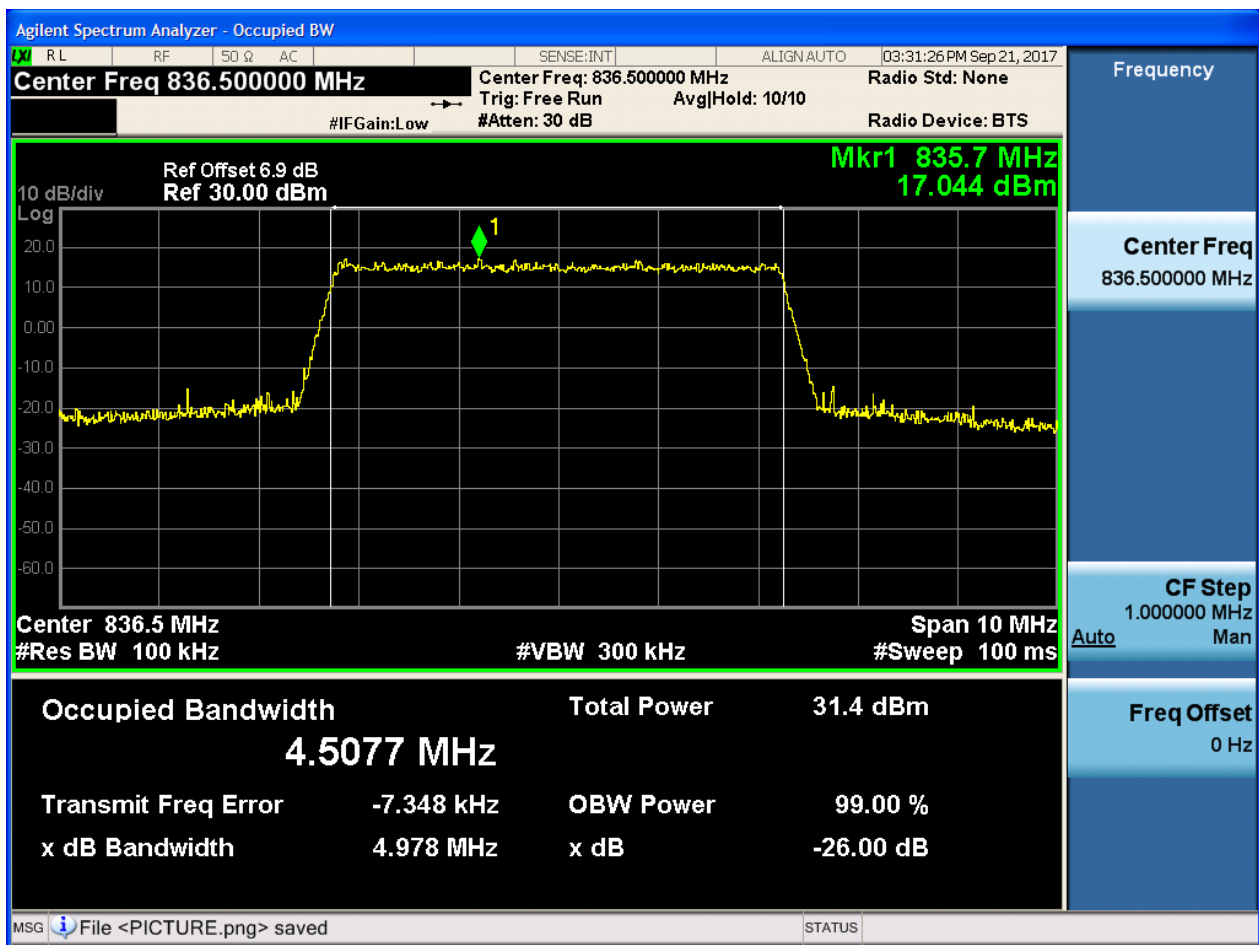
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

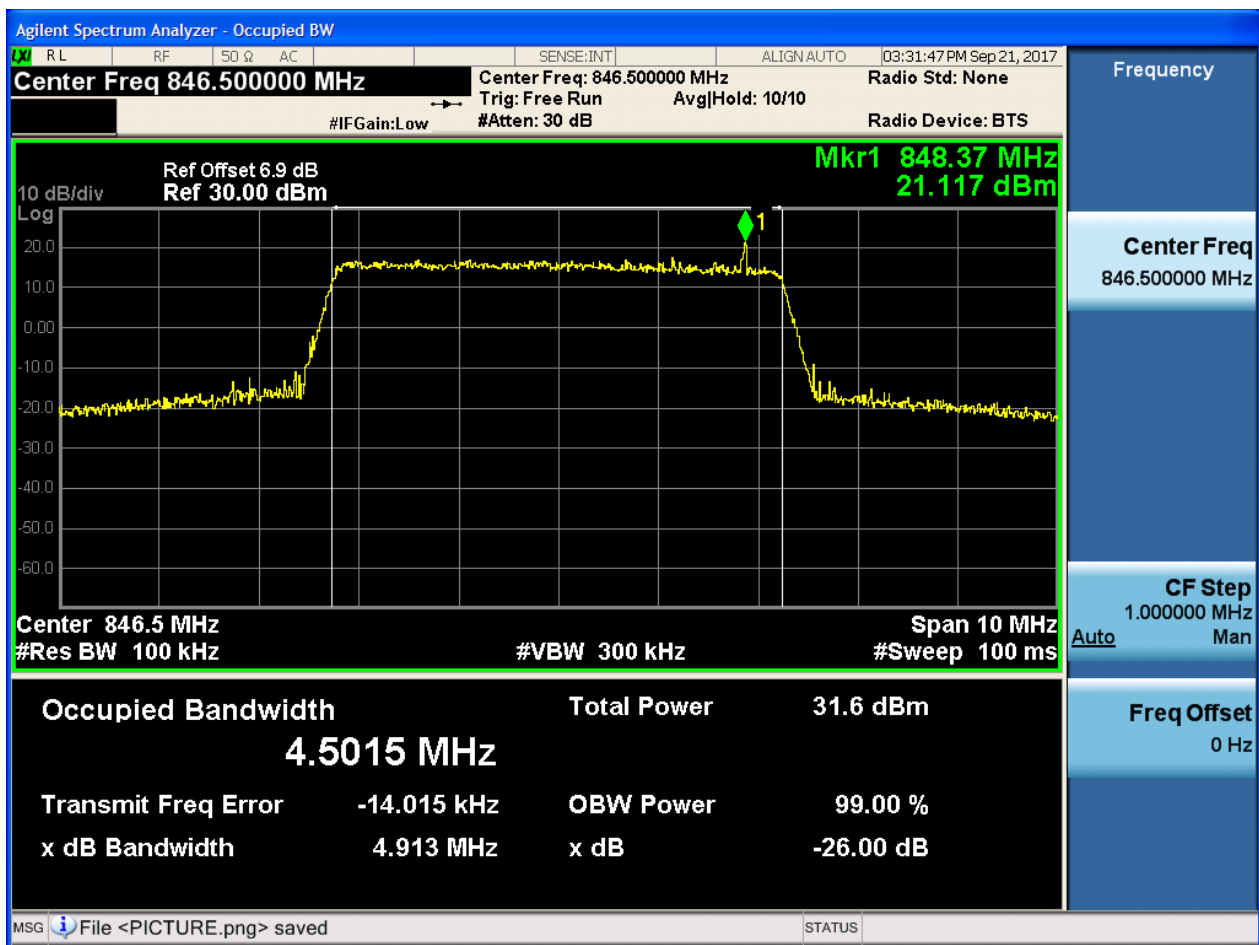
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

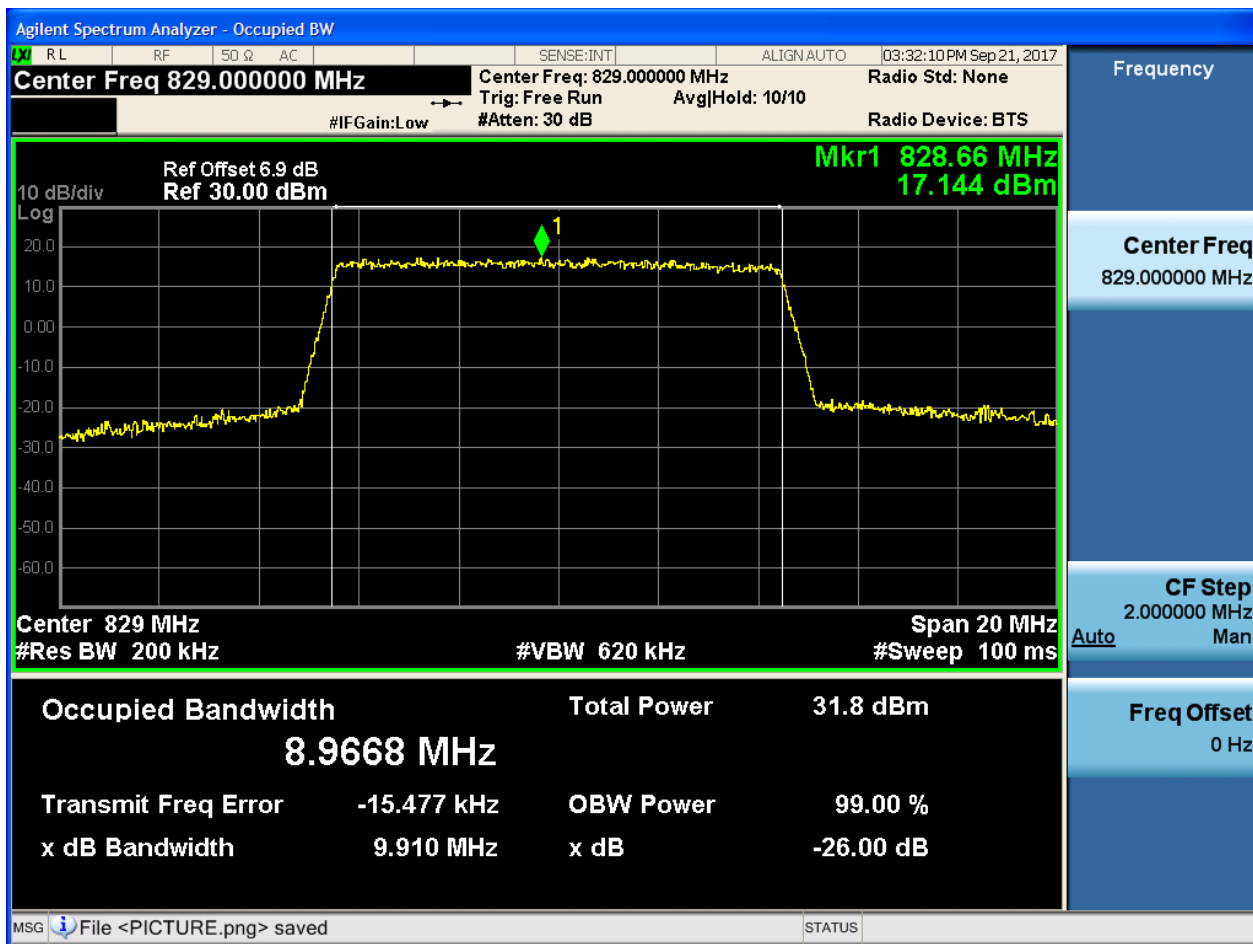




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

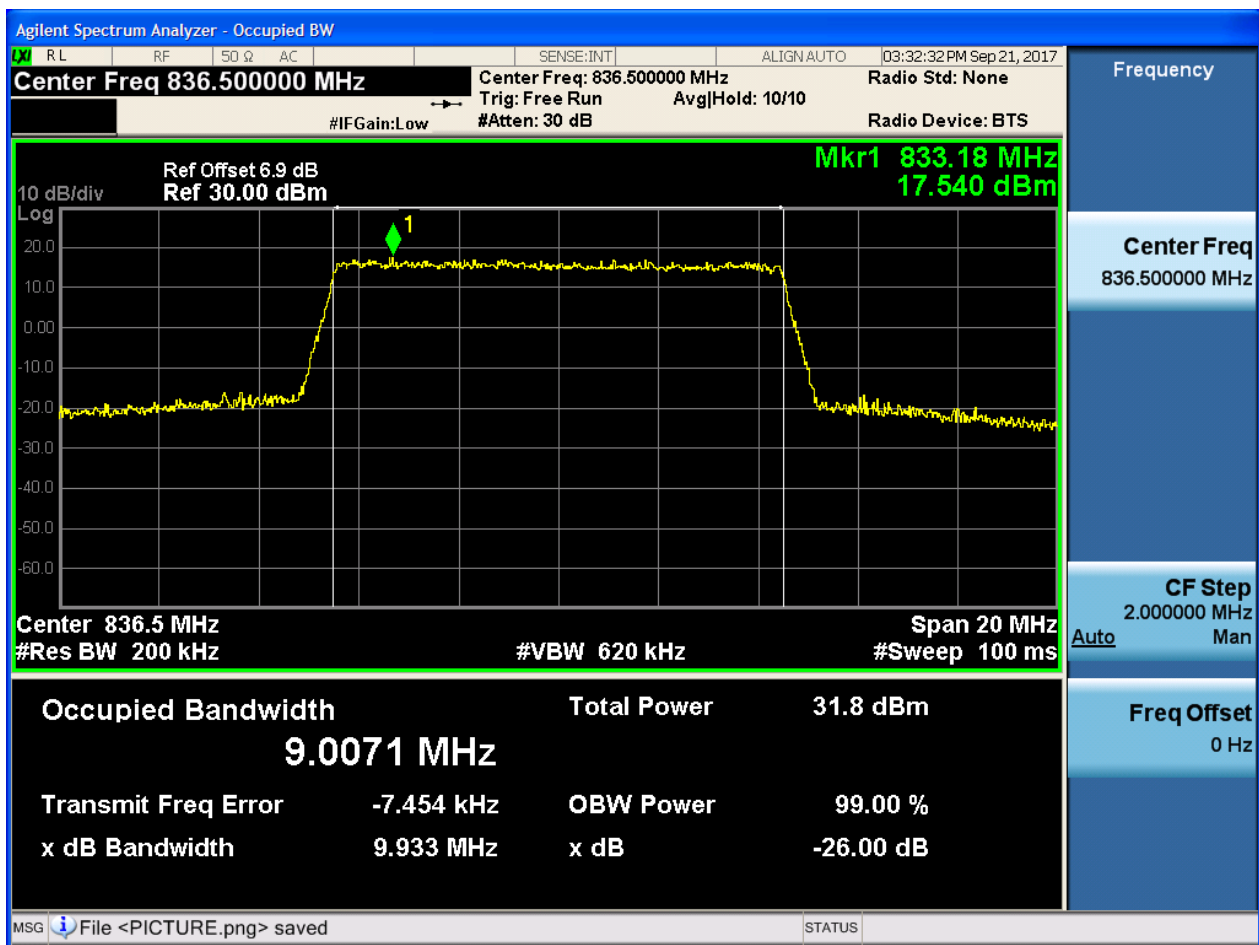
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

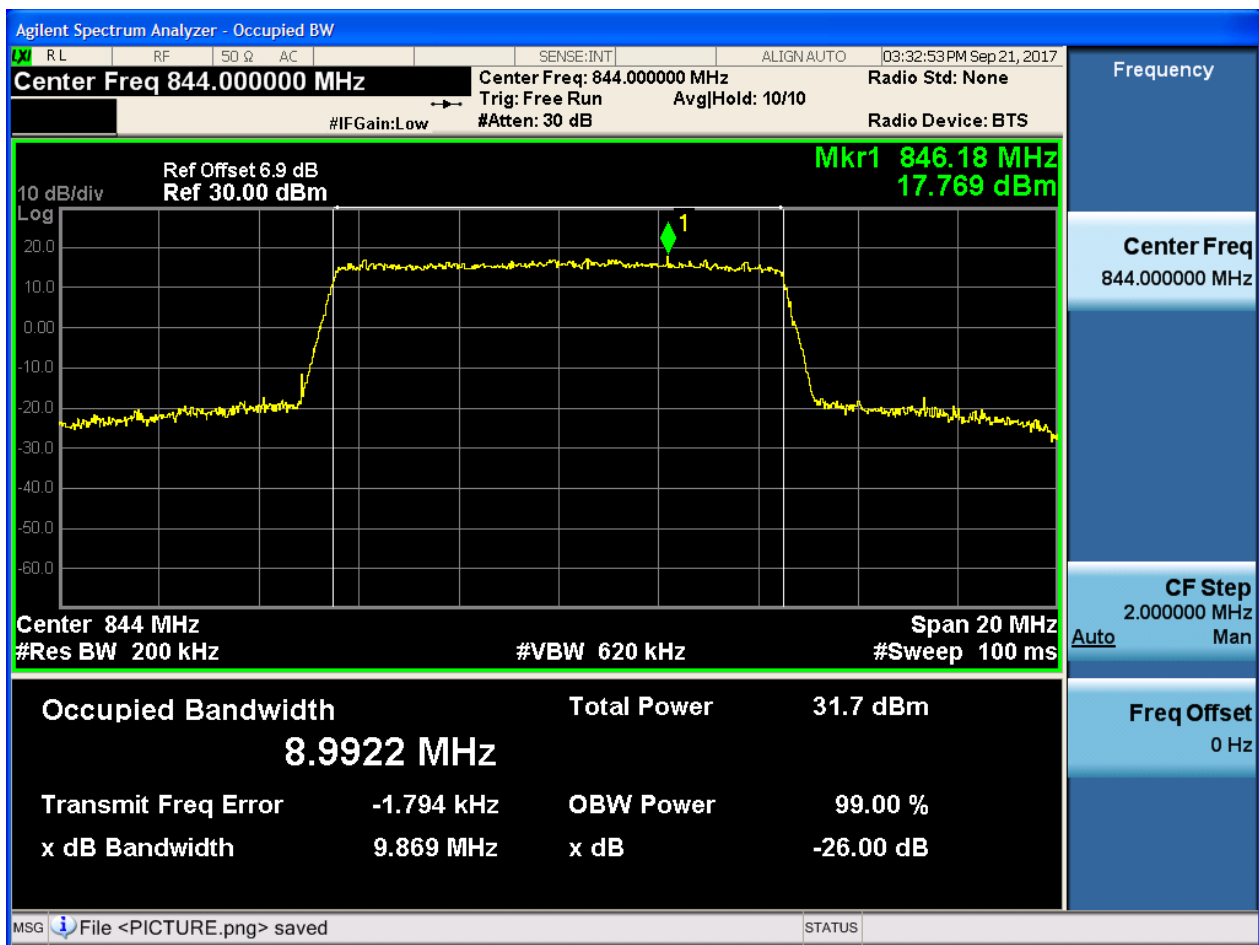
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

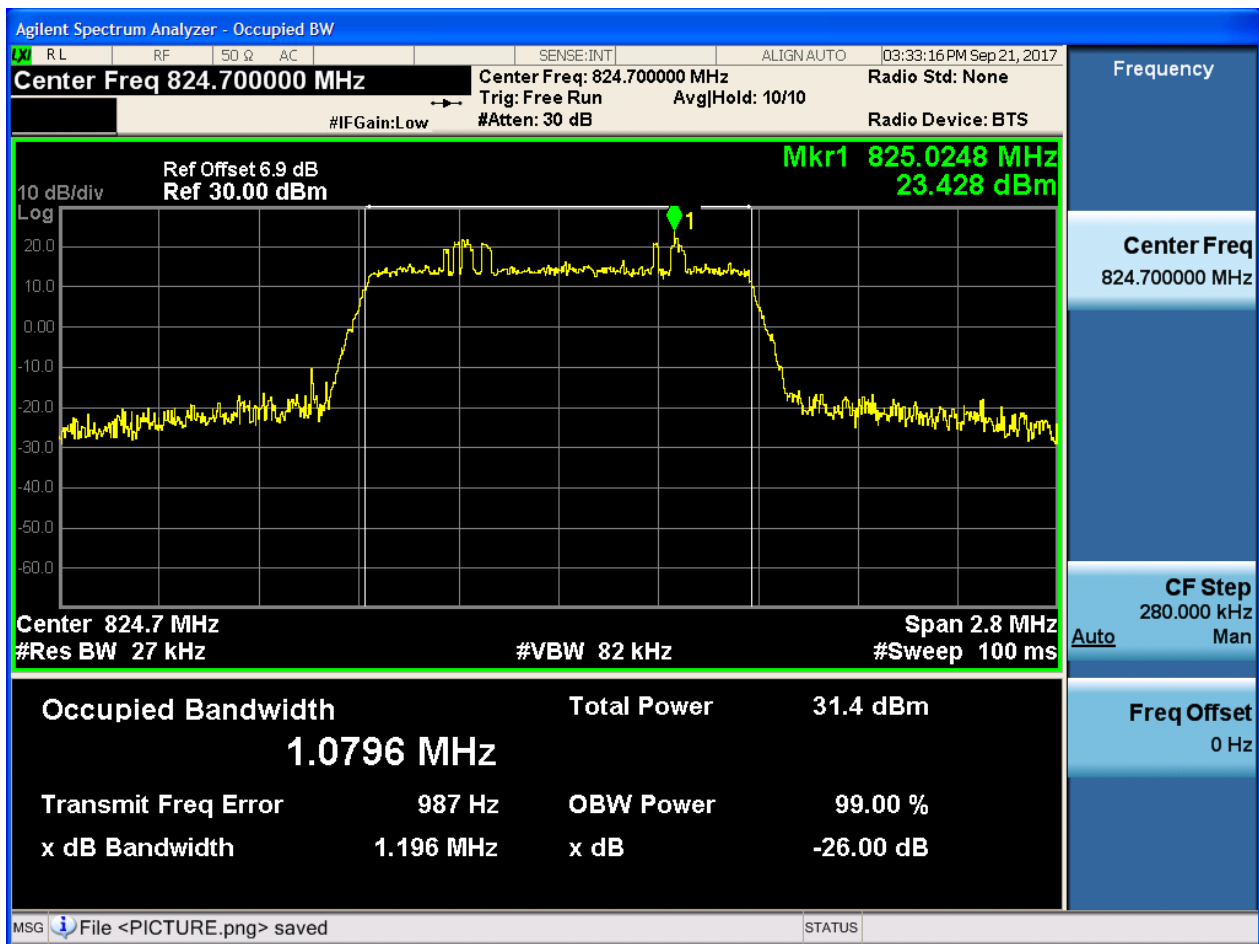


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

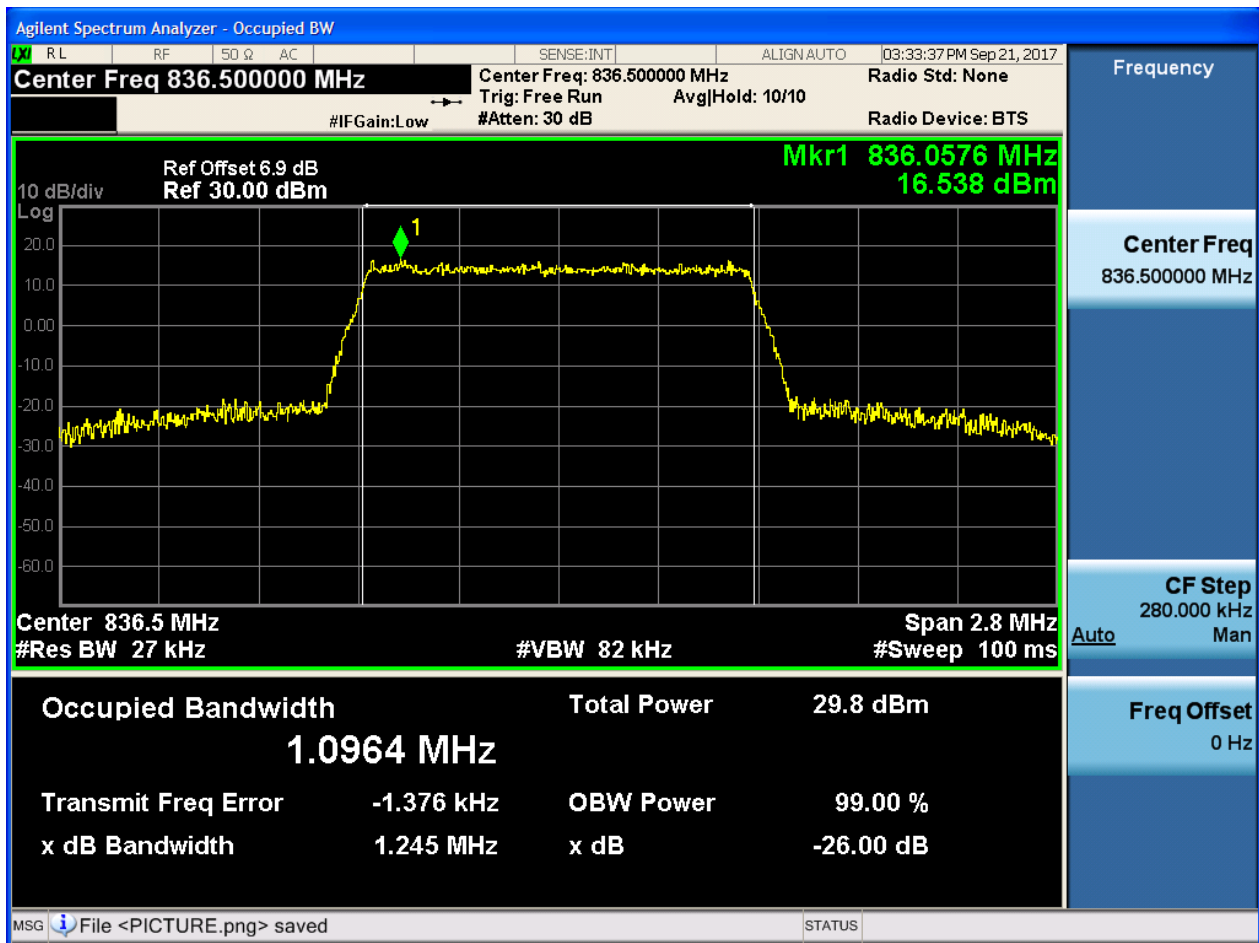
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

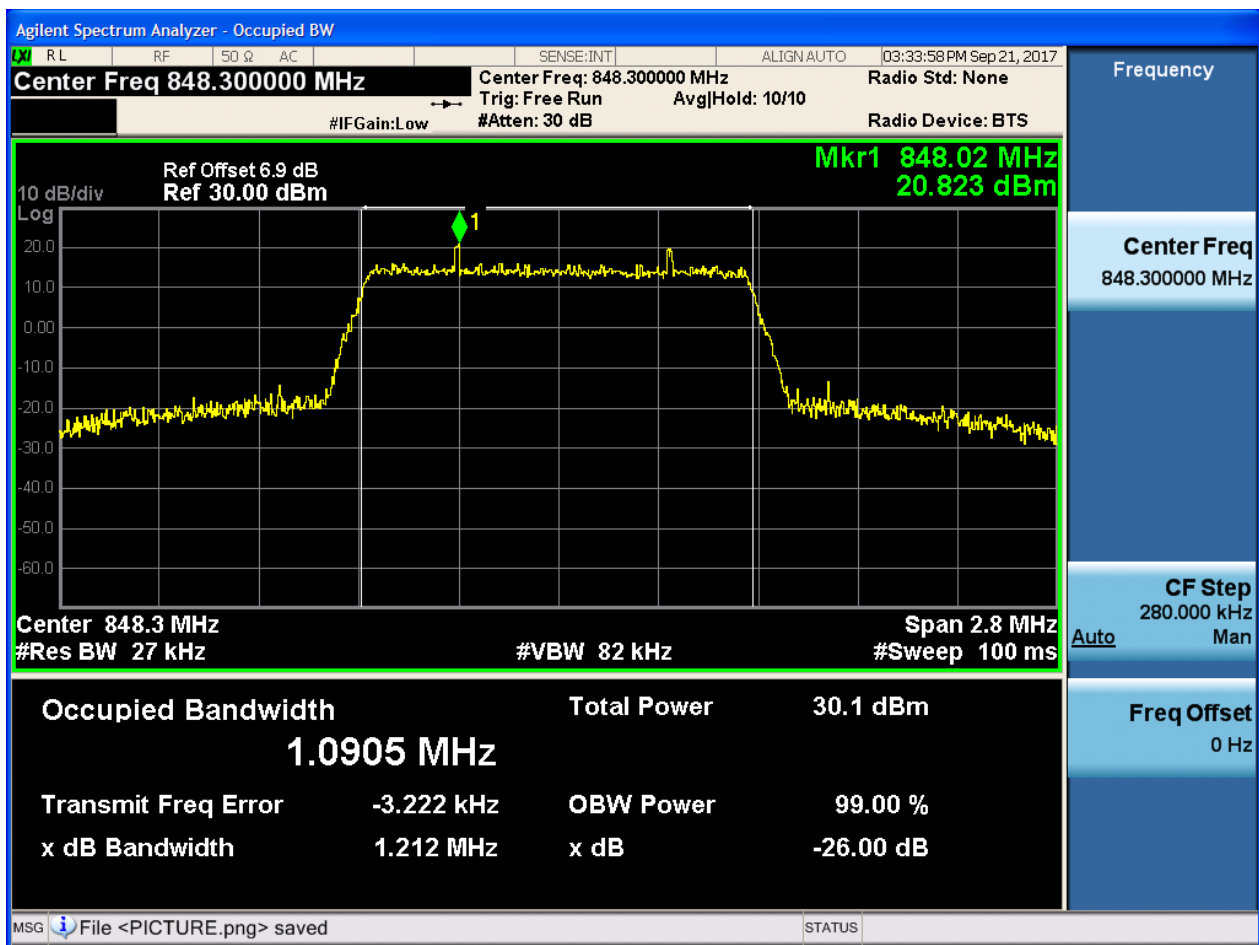
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

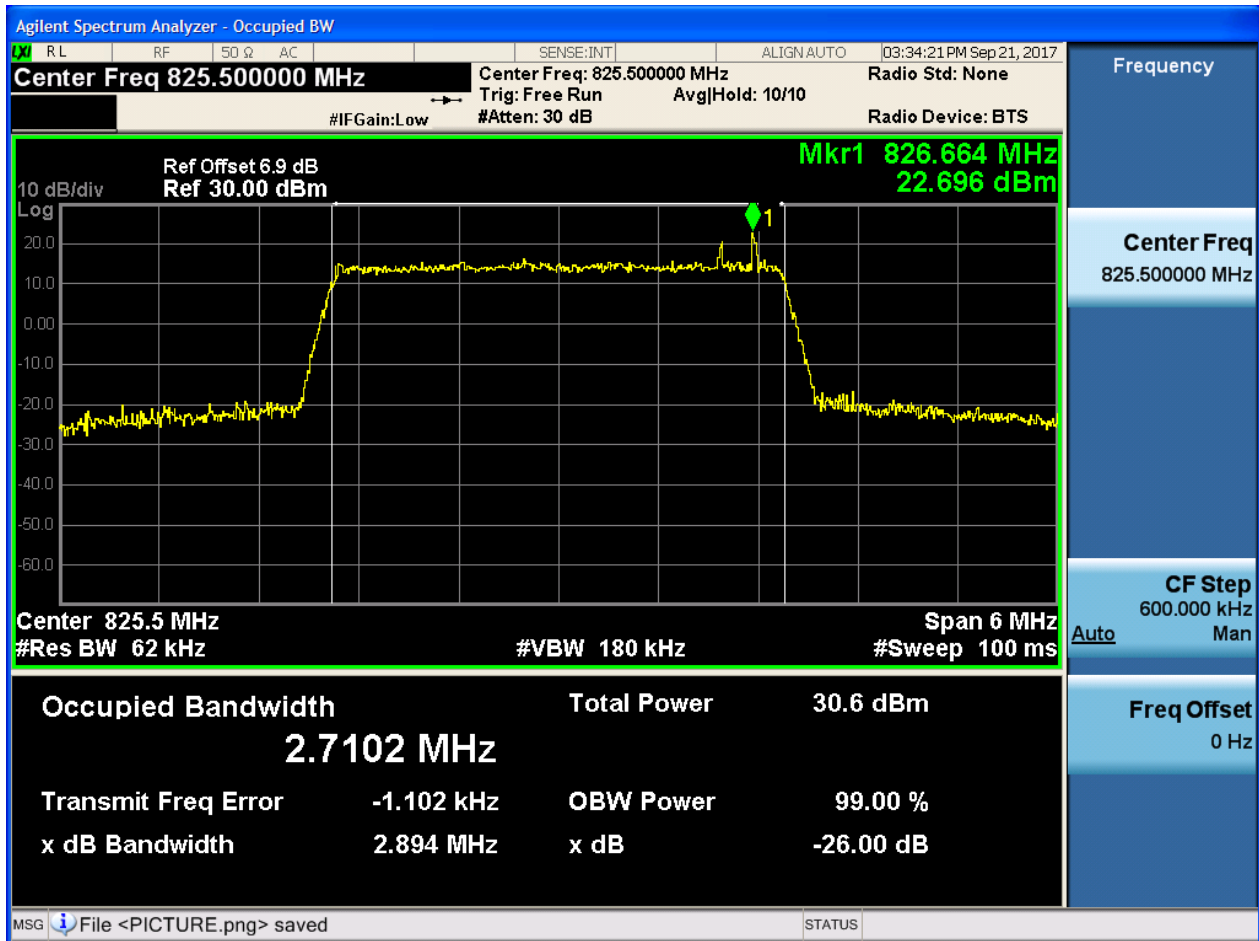




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

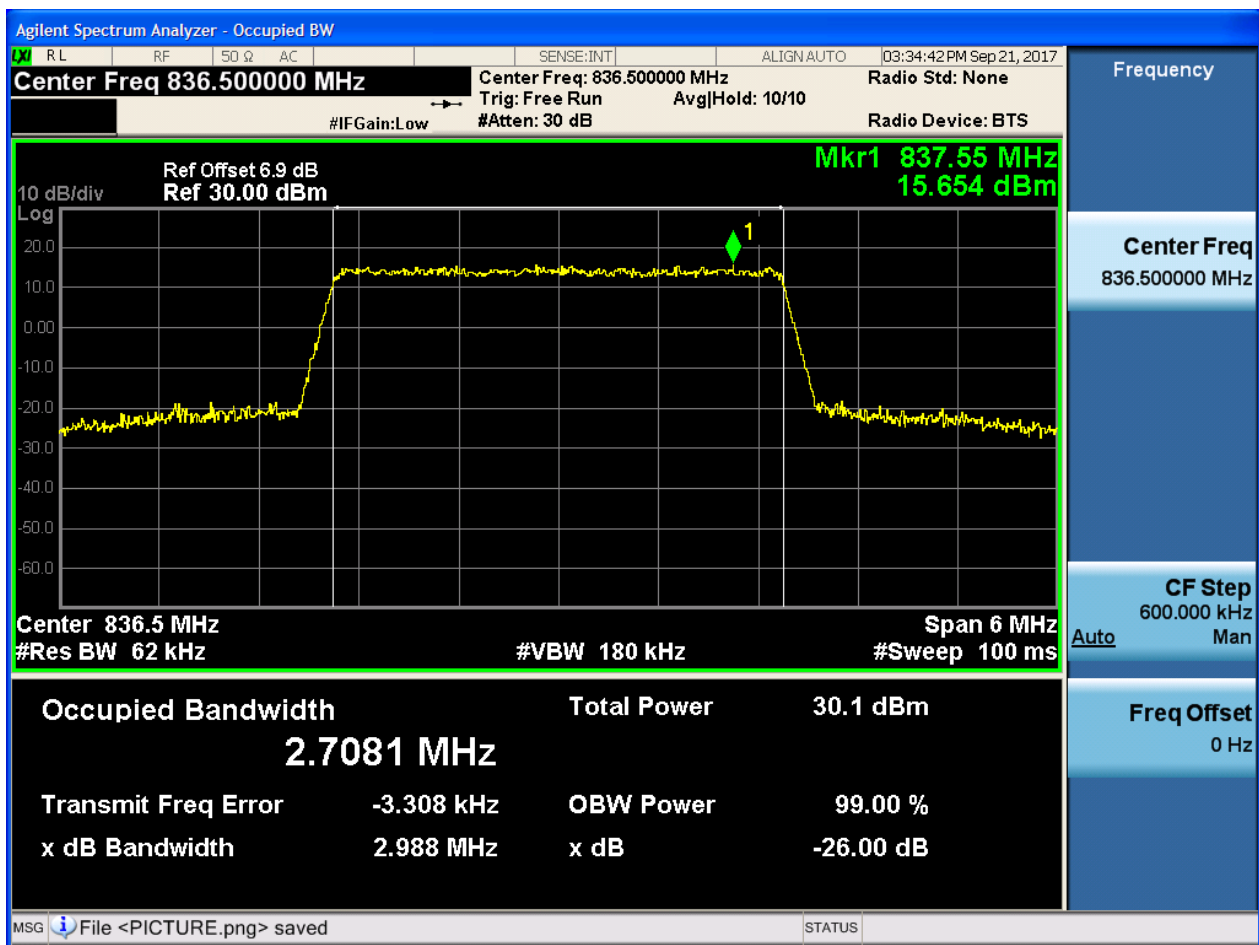
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

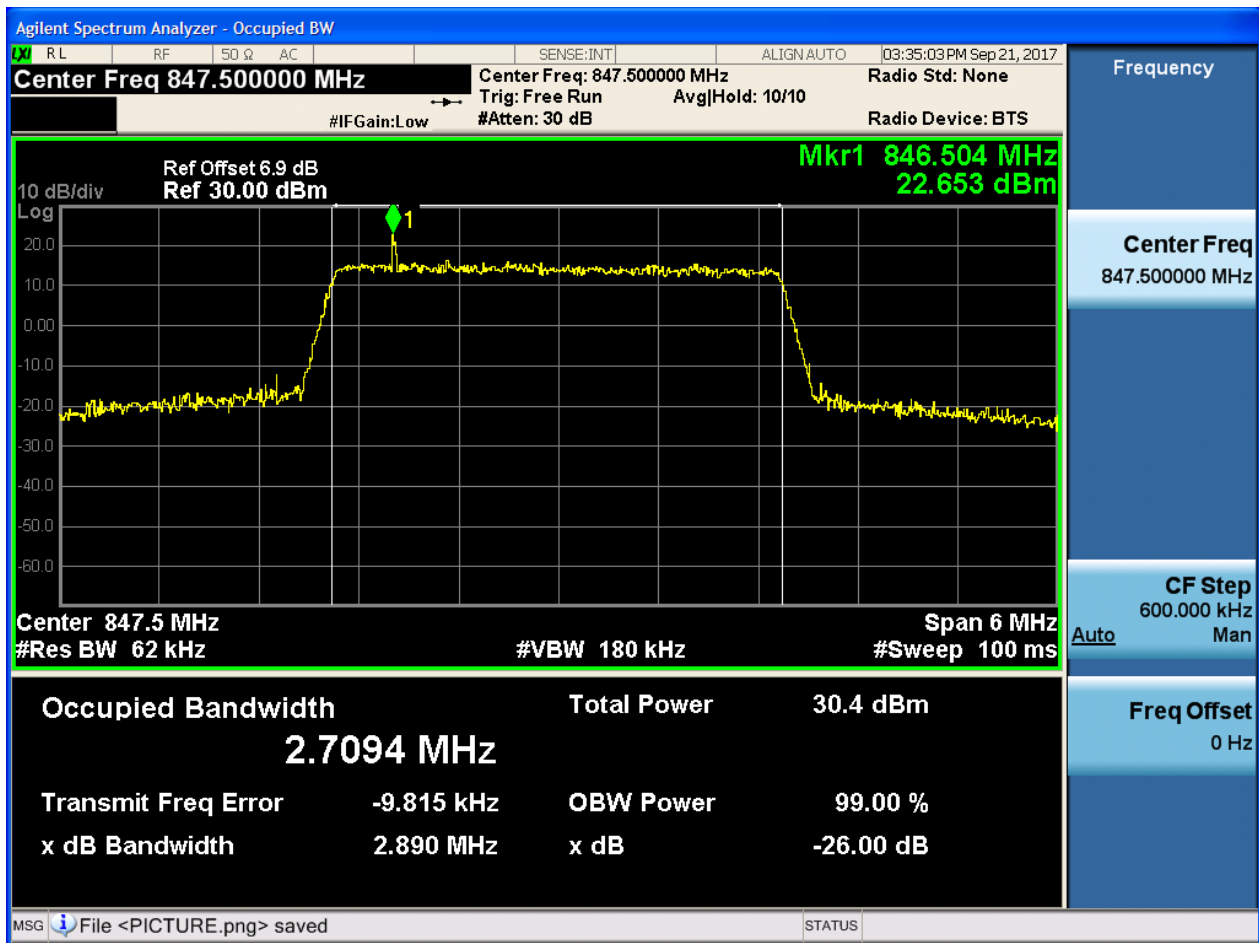
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

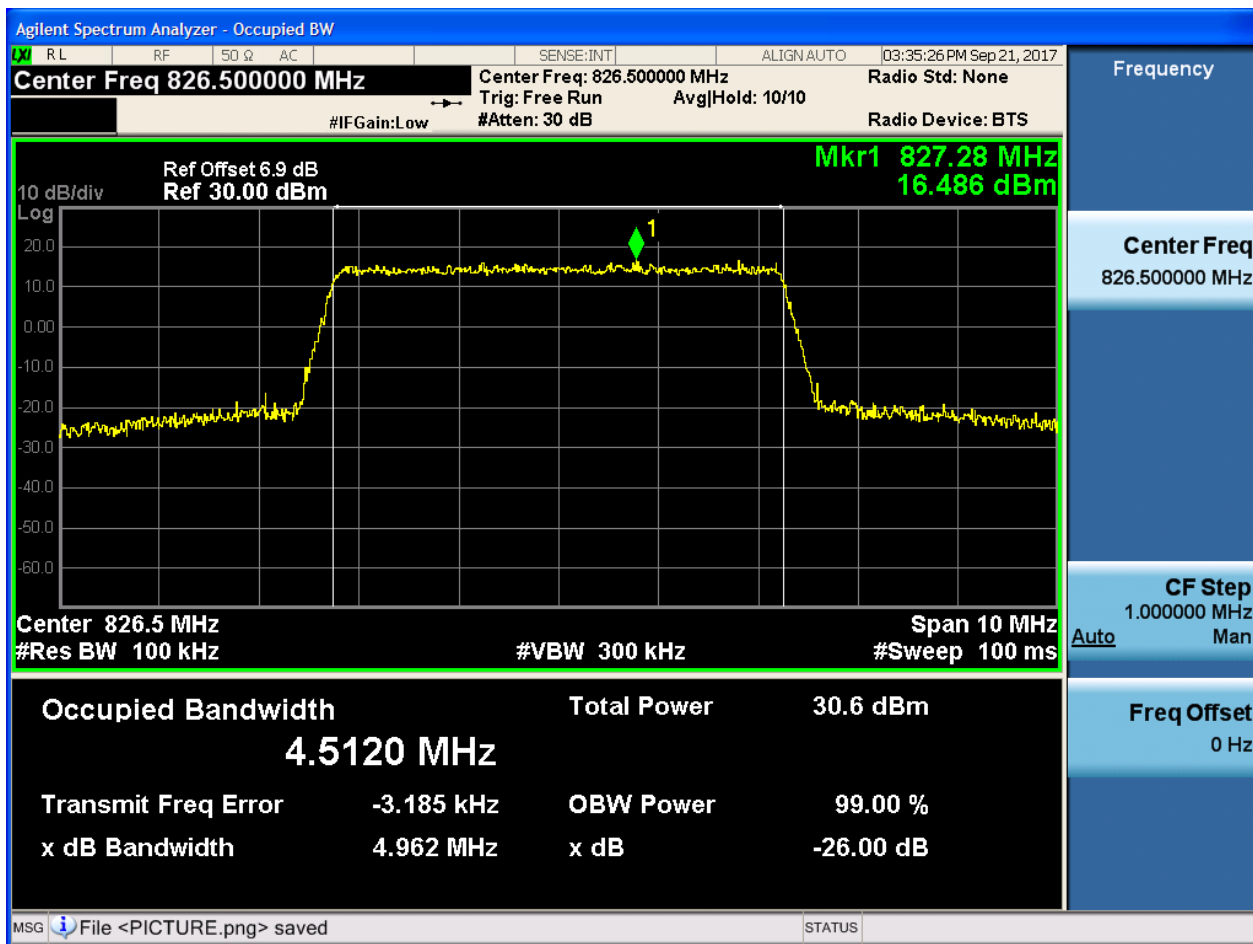




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

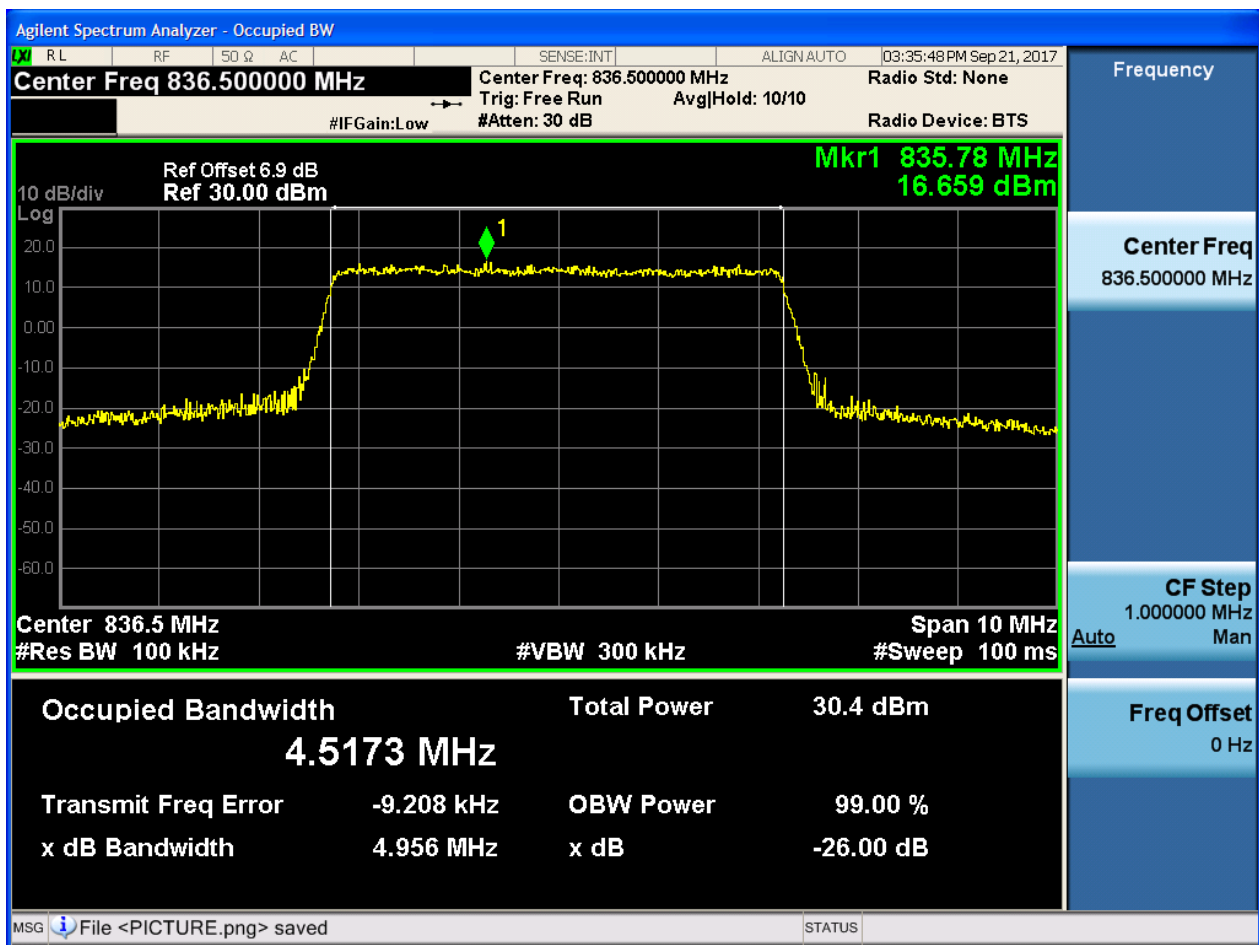
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

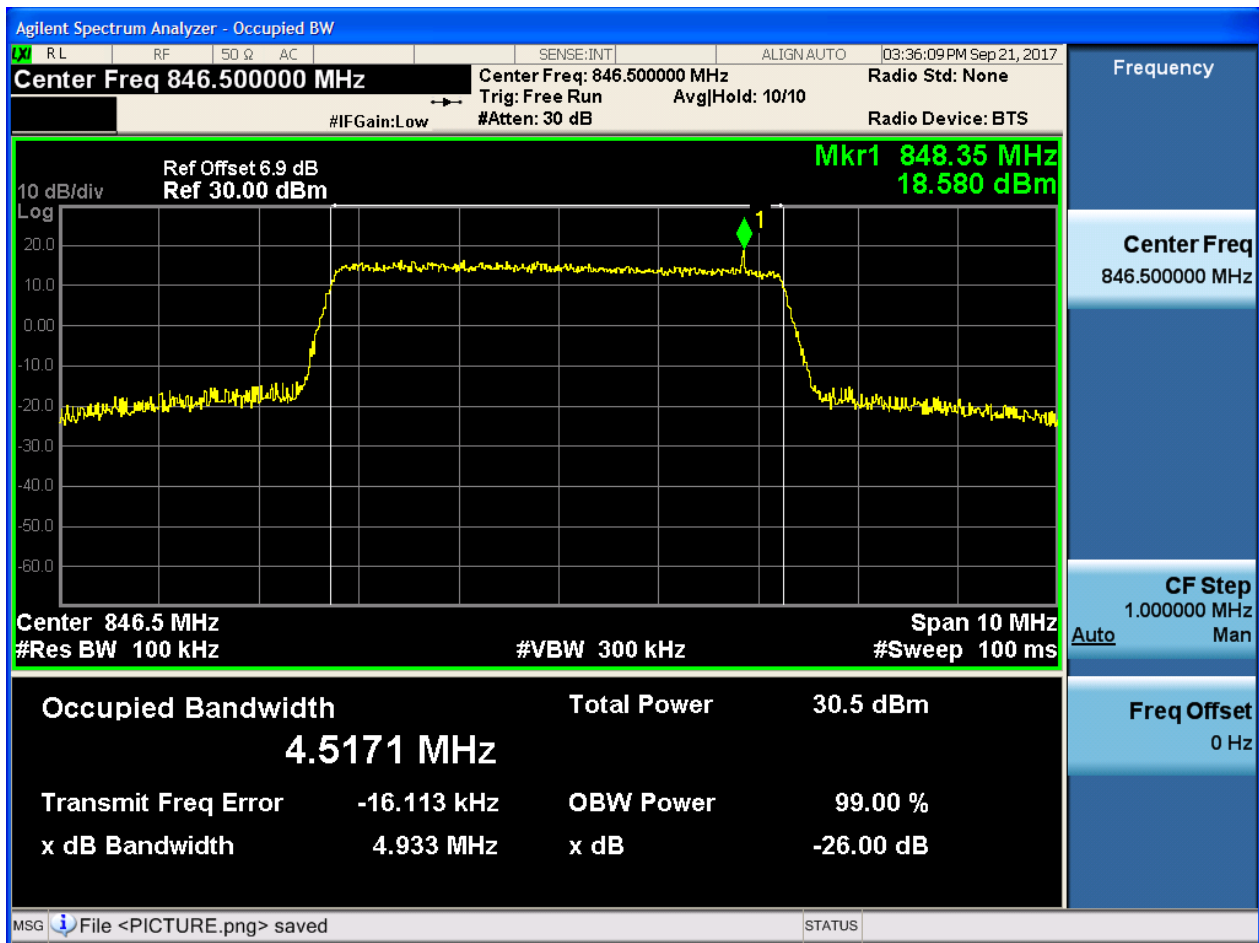
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

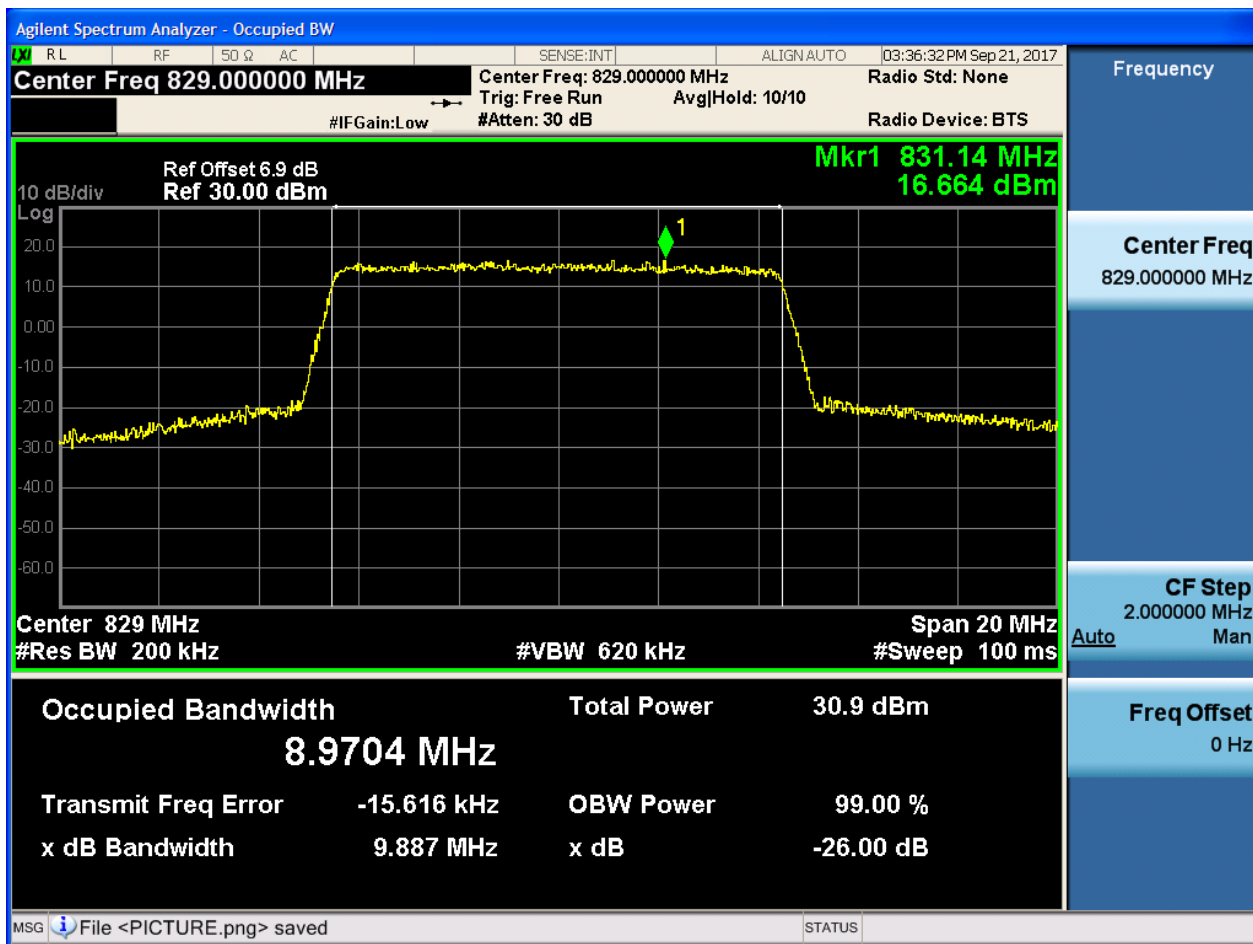




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

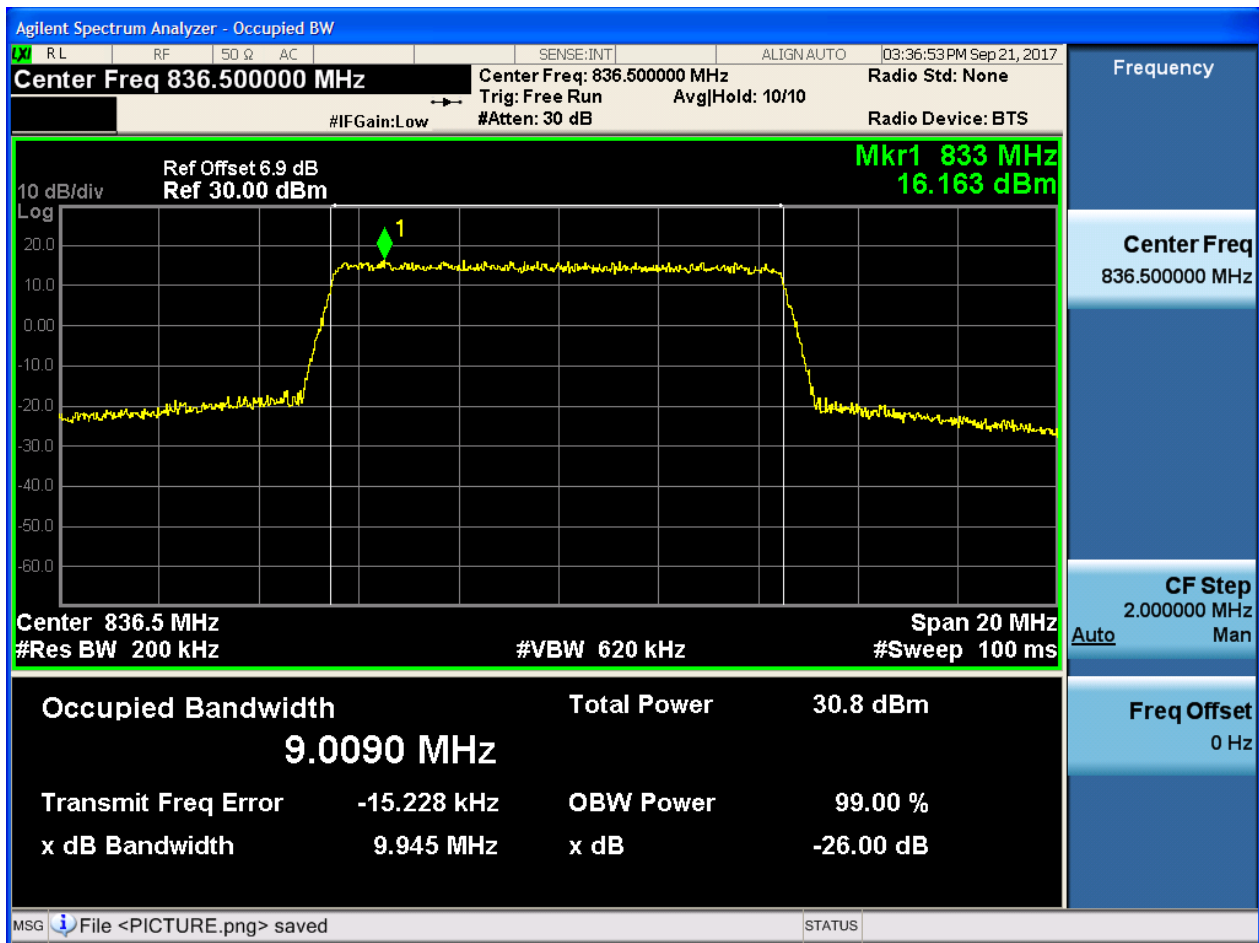
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

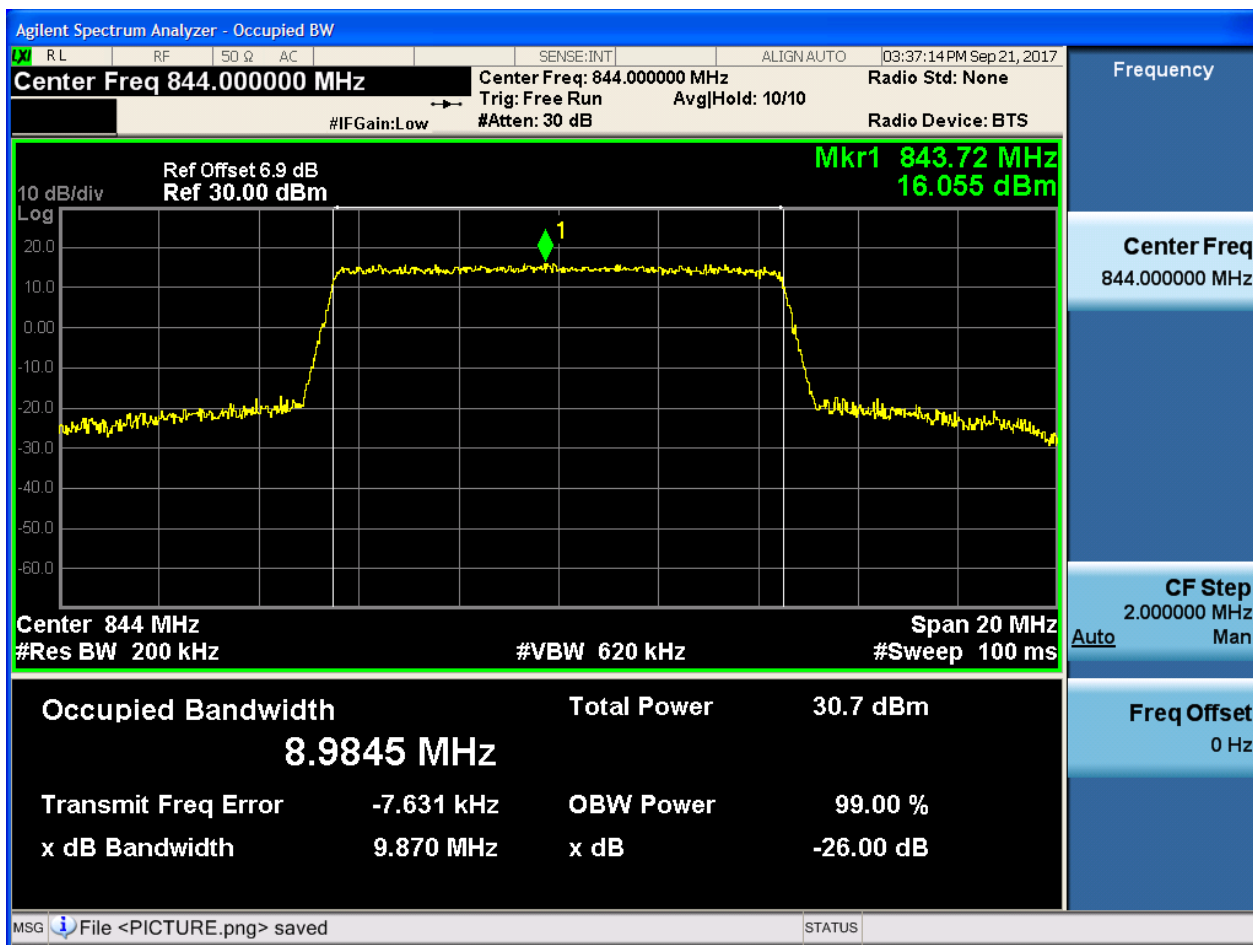
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



2Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

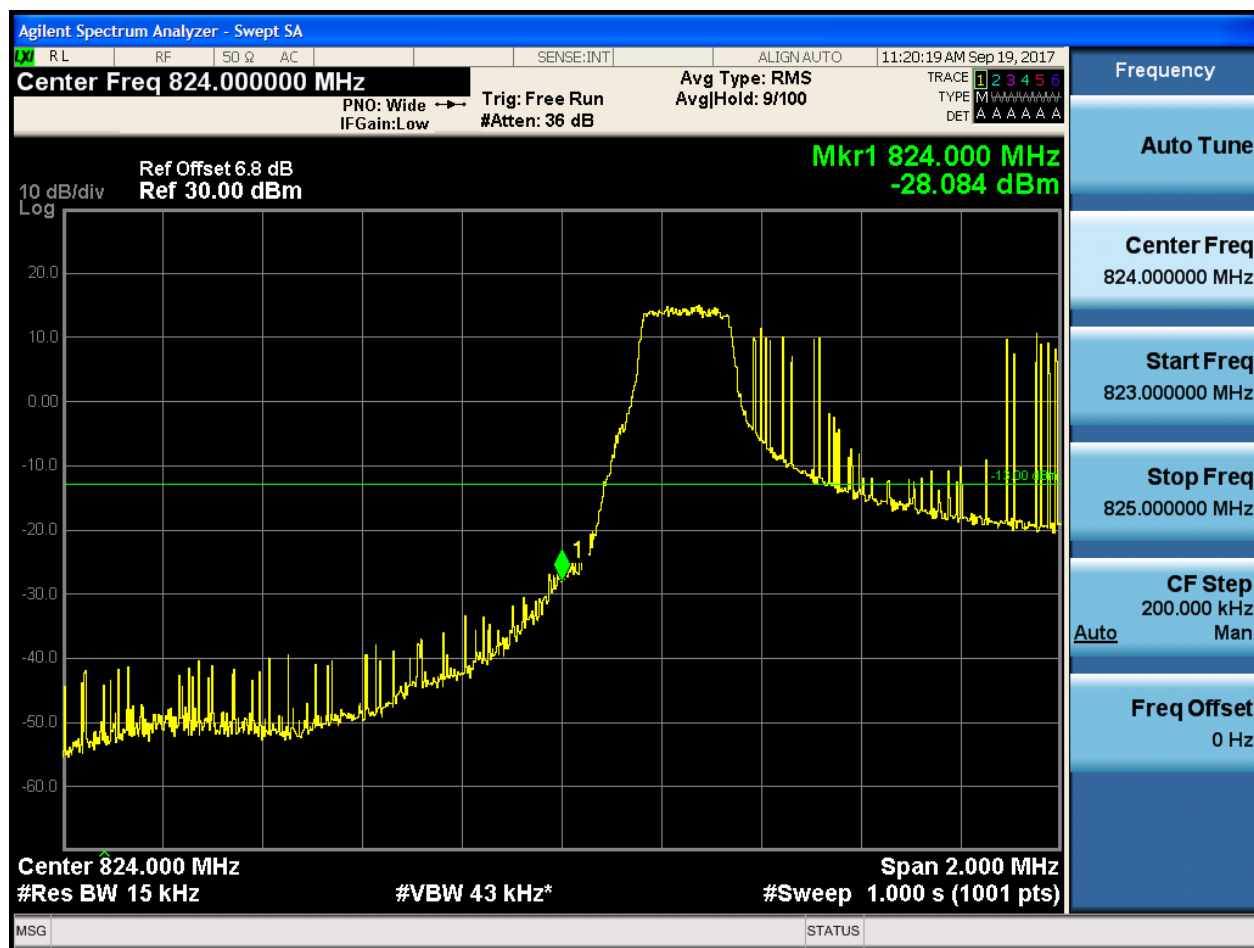
5.1.1 Test Band = BAND5

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:20:50 AM Sep 19, 2017

Center Freq 824.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Ref Offset 6.8 dB
Ref 30.00 dBm

Mkr1 823.990 MHz
-32.727 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 15 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

#VBW 43 kHz*

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

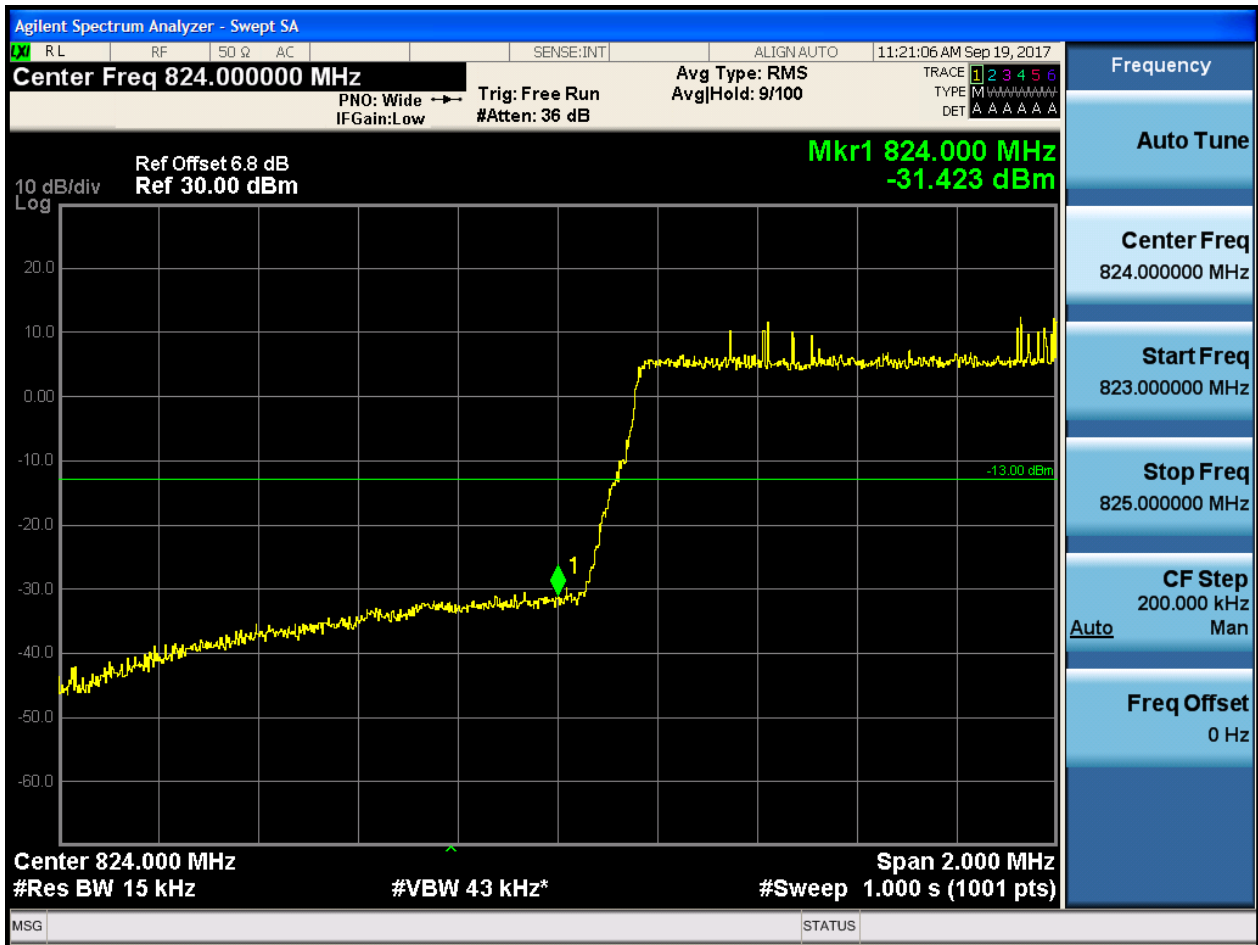
Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

MSG STATUS

5.1.1.1.1.1.4 Test RB = RB6#0



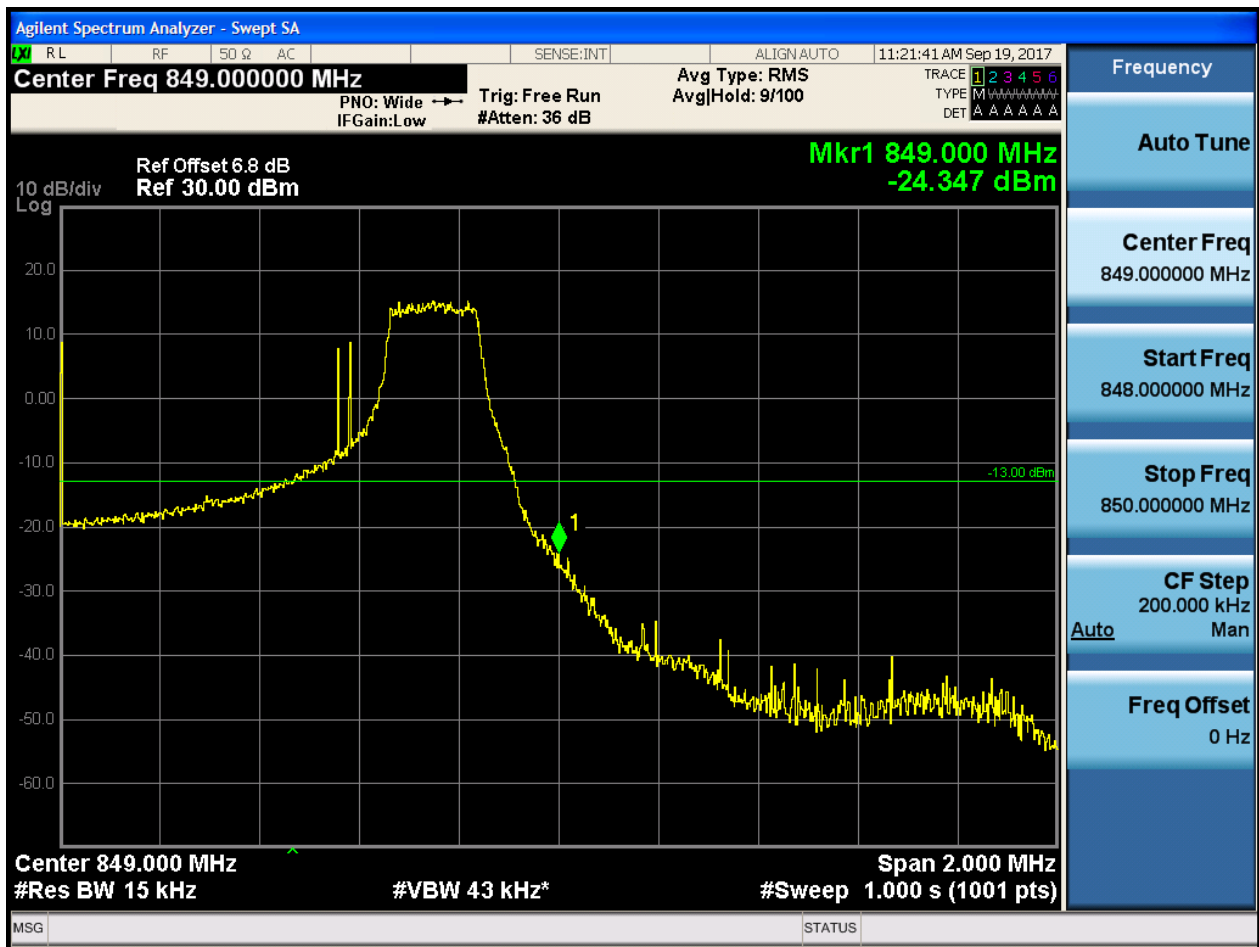
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5

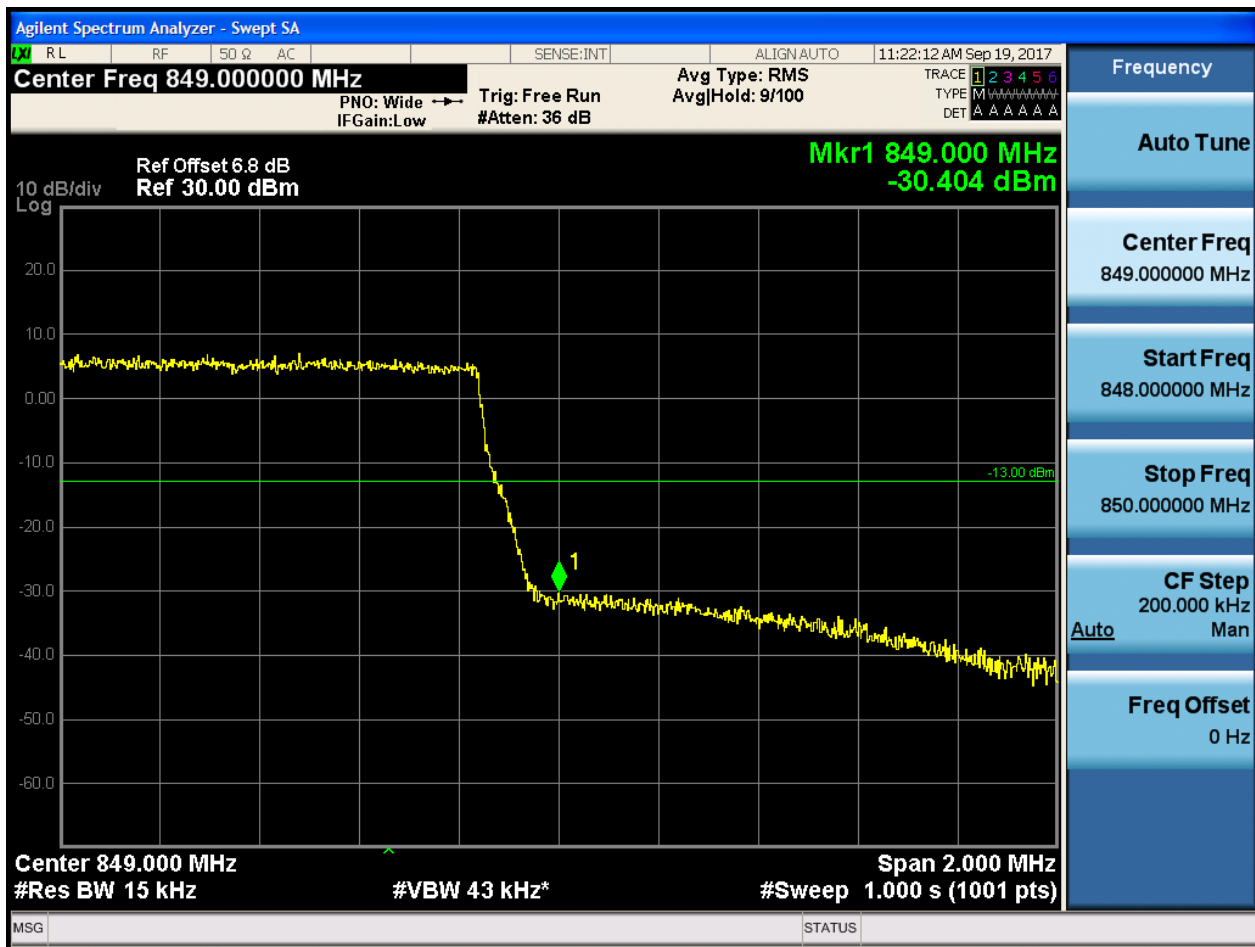


5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

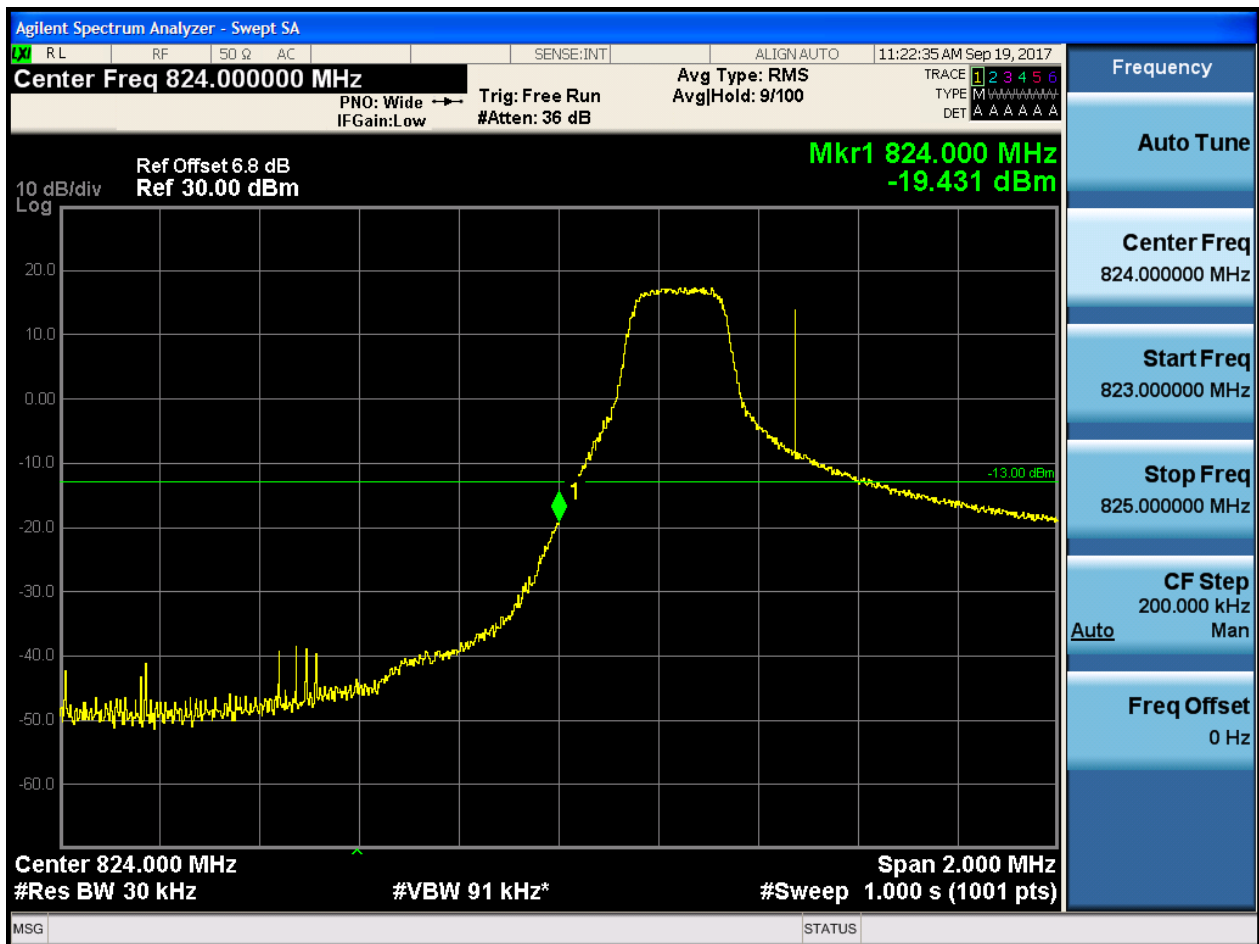




5.1.1.1.2 Test Bandwidth = 3

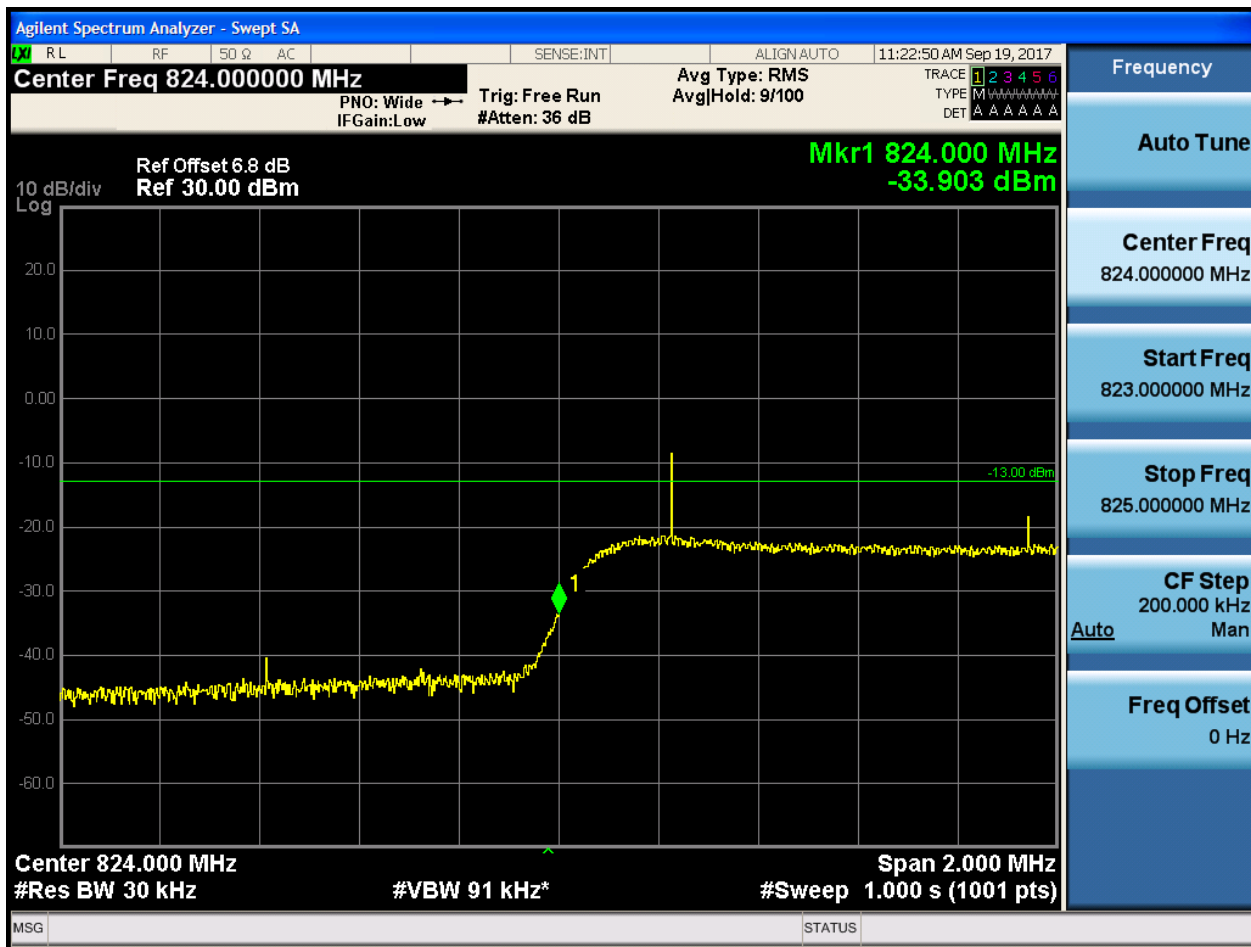
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



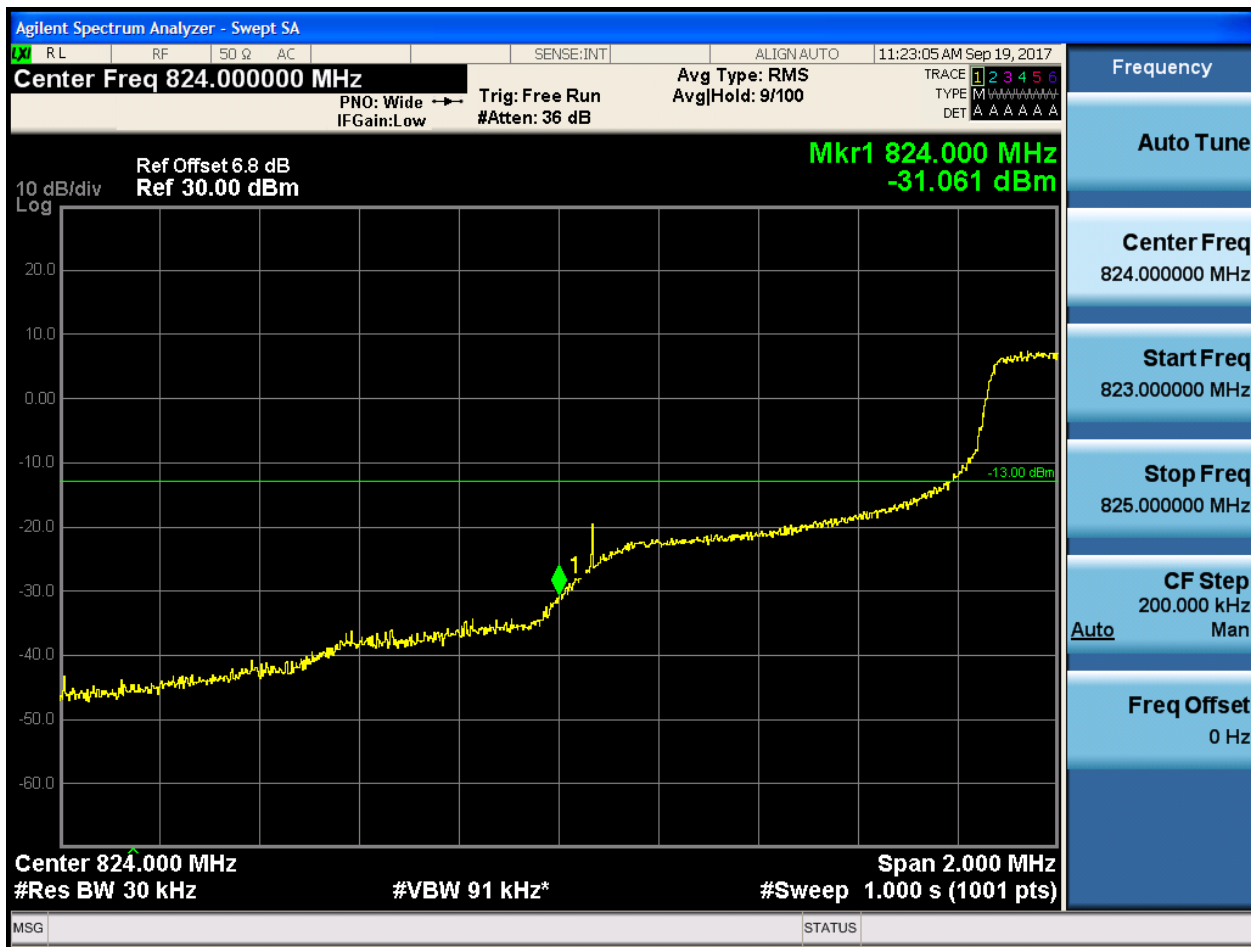


5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:23:21 AM Sep 19, 2017

Center Freq 824.000000 MHz Avg Type: RMS
PNO: Wide Trg: Free Run
IFGain:Low #Atten: 36 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Ref Offset 6.8 dB
Ref 30.00 dBm

Mkr1 824.000 MHz
-27.644 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 30 kHz

#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

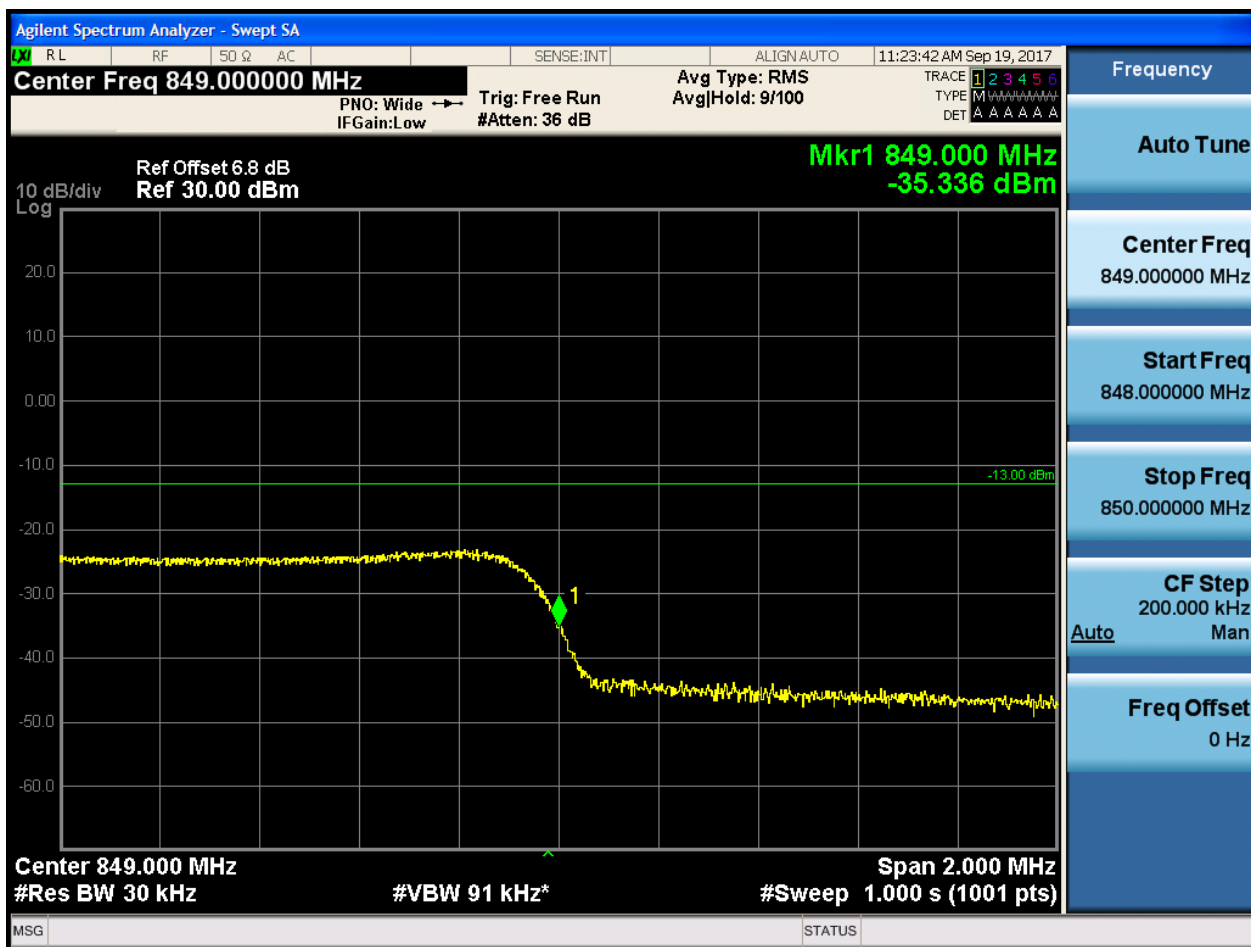
Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:23:57 AM Sep 19, 2017

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W W W
DET A A A A A A A

Ref Offset 6.8 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-18.852 dBm

10 dB/div
Log

Center 849.000 MHz
#Res BW 30 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

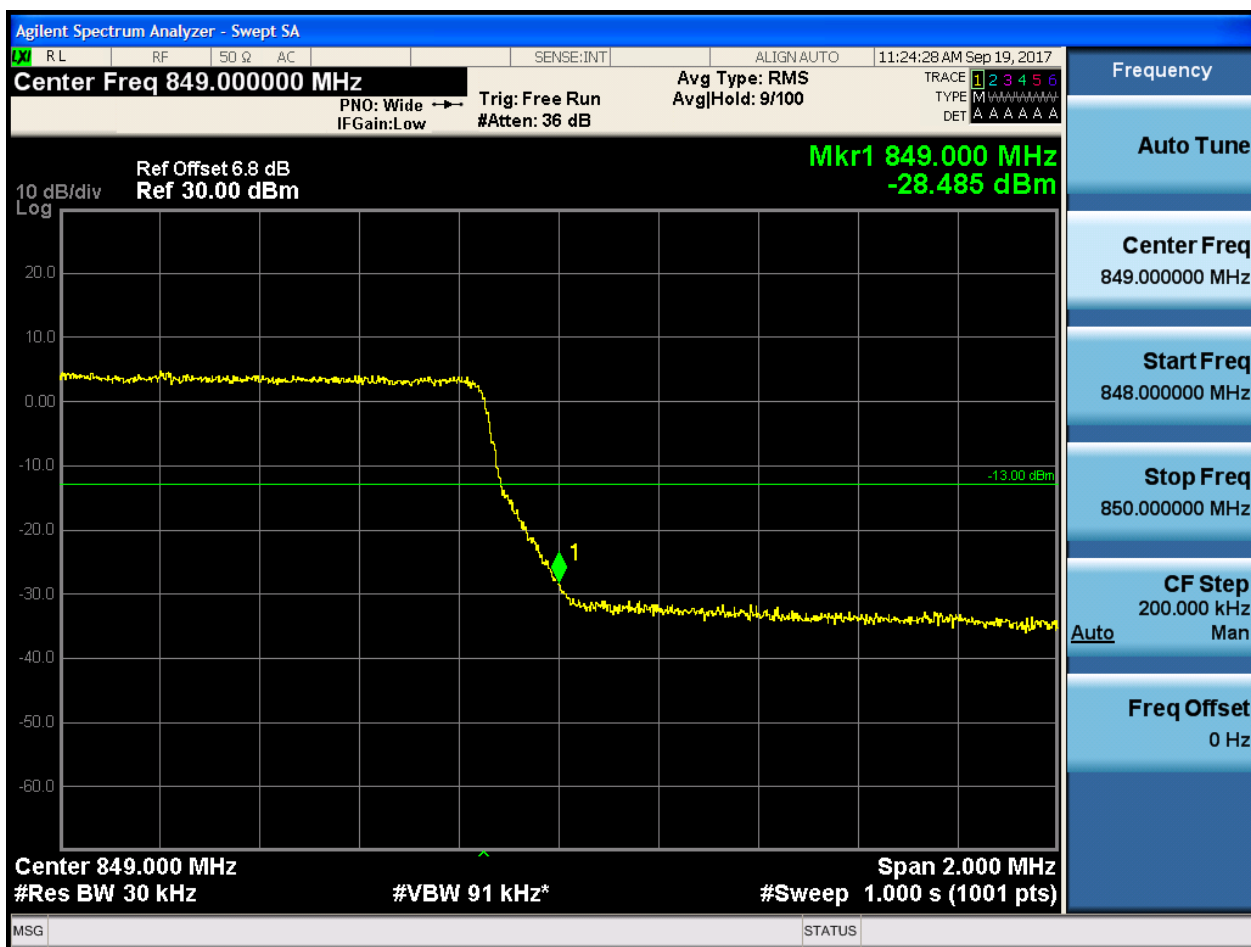


5.1.1.1.2.2.3 Test RB = RB8#4





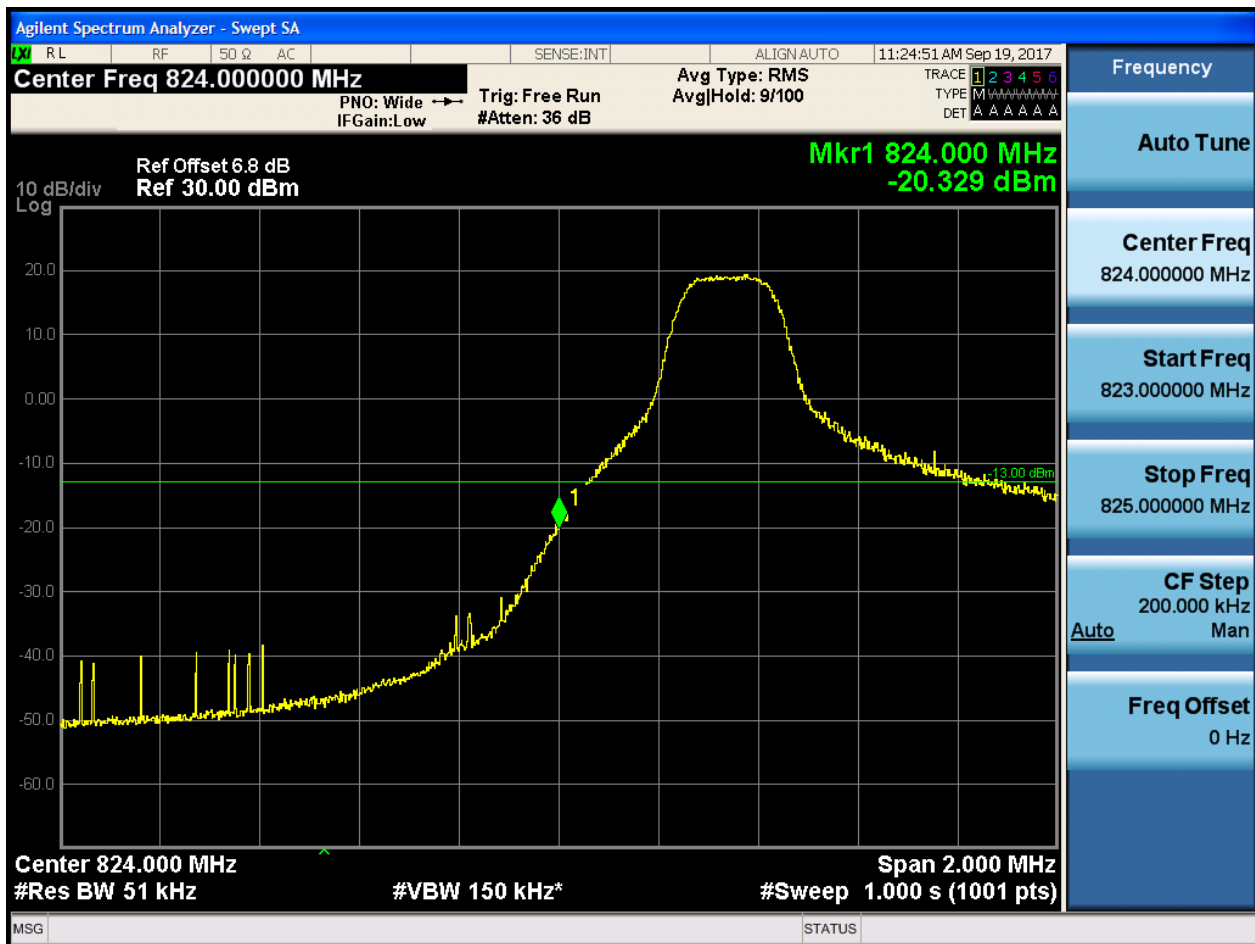
5.1.1.1.2.2.4 Test RB = RB15#0



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





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 51 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Auto

Freq Offset
0 Hz

Mkr1 824.000 MHz
-38.772 dBm

-13.00 dBm

Trig: Free Run
#Atten: 36 dB

PNO: Wide
IFGain: Low

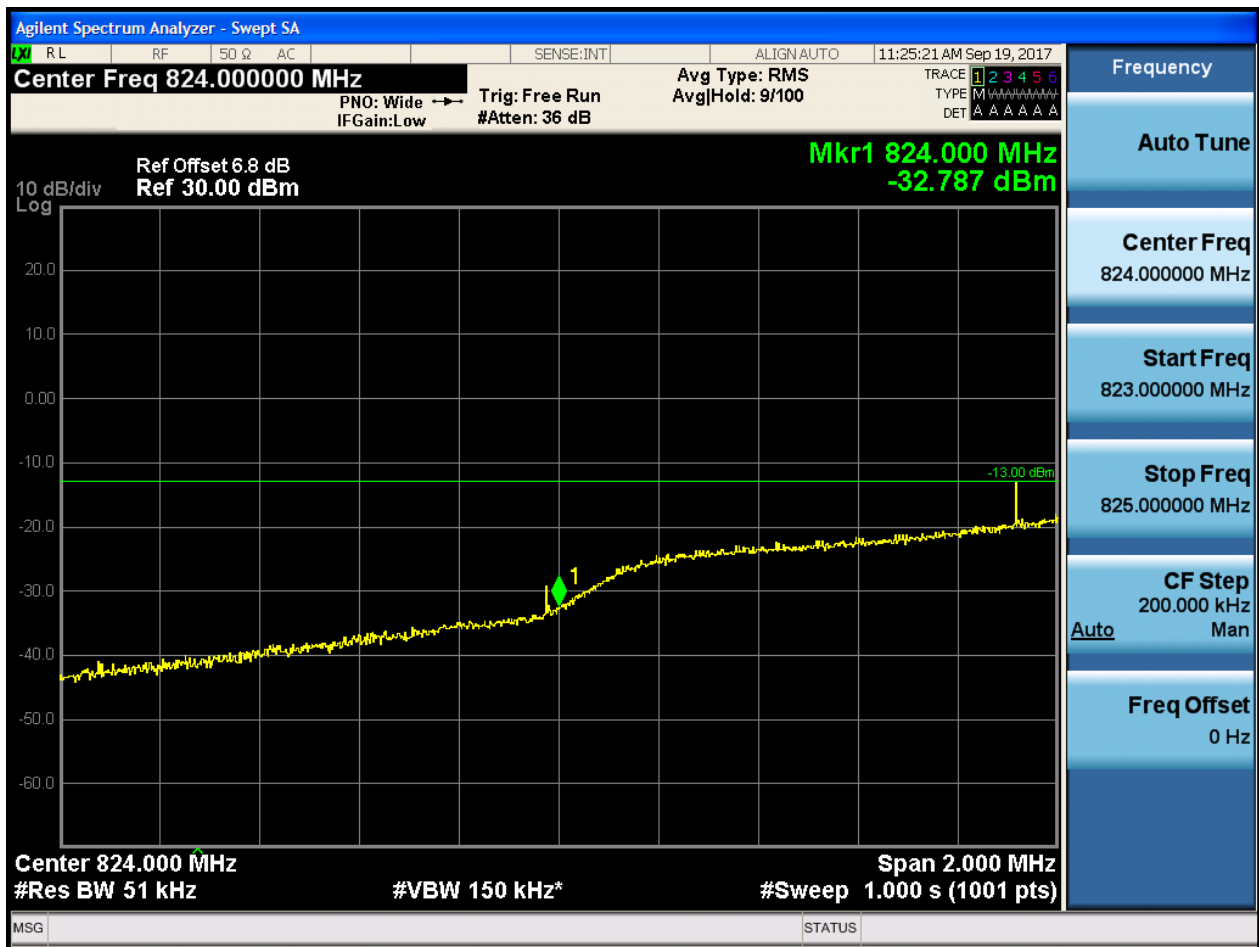
Avg Type: RMS
Avg/Hold: 9/100

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

MSG STATUS

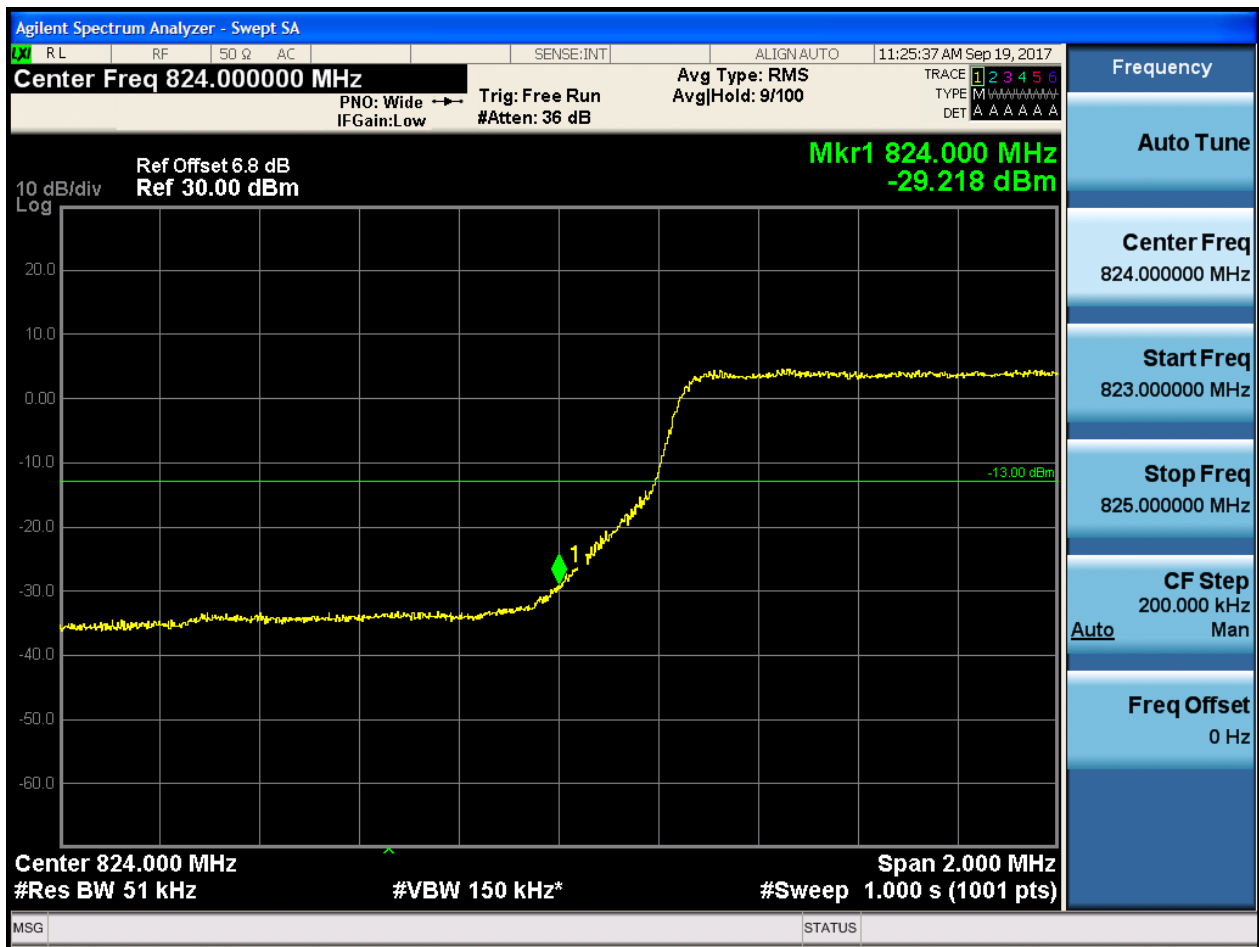


5.1.1.1.3.1.3 Test RB = RB12#6



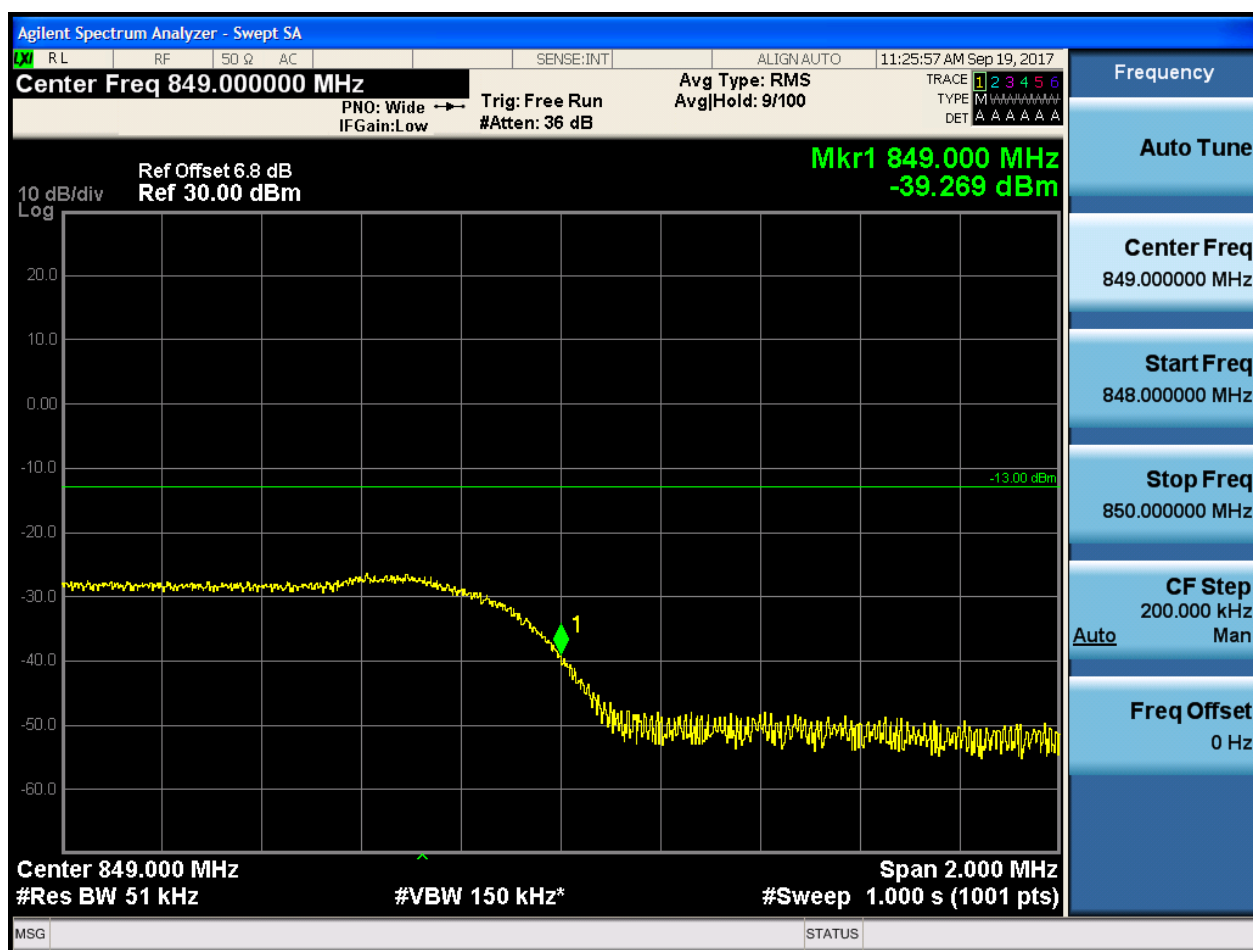


5.1.1.1.3.1.4 Test RB = RB25#0



5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:26:13 AM Sep 19, 2017

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide Trg: Free Run
IFGain:Low #Atten: 36 dB

Ref Offset 6.8 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-19.583 dBm

10 dB/div
Log

Center 849.000 MHz
#Res BW 51 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

Mkr1 849.050 MHz
-31.792 dBm

10 dB/div
Log

Center 849.000 MHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Auto

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.020 MHz
-29.658 dBm

Center 849.000 MHz
#Res BW 51 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

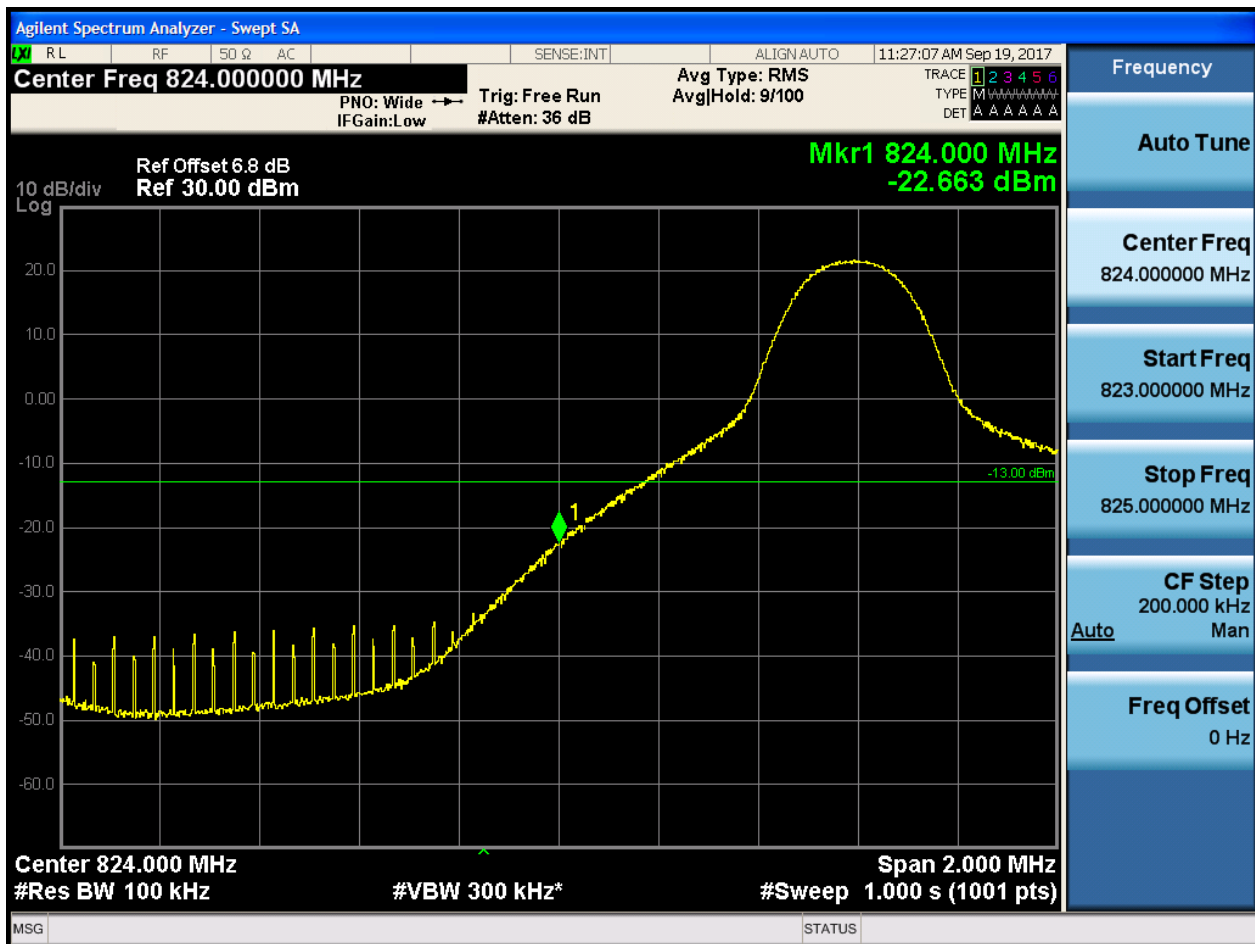
CF Step
200.000 kHz
Auto

Freq Offset
0 Hz

5.1.1.1.4 Test Bandwidth = 10

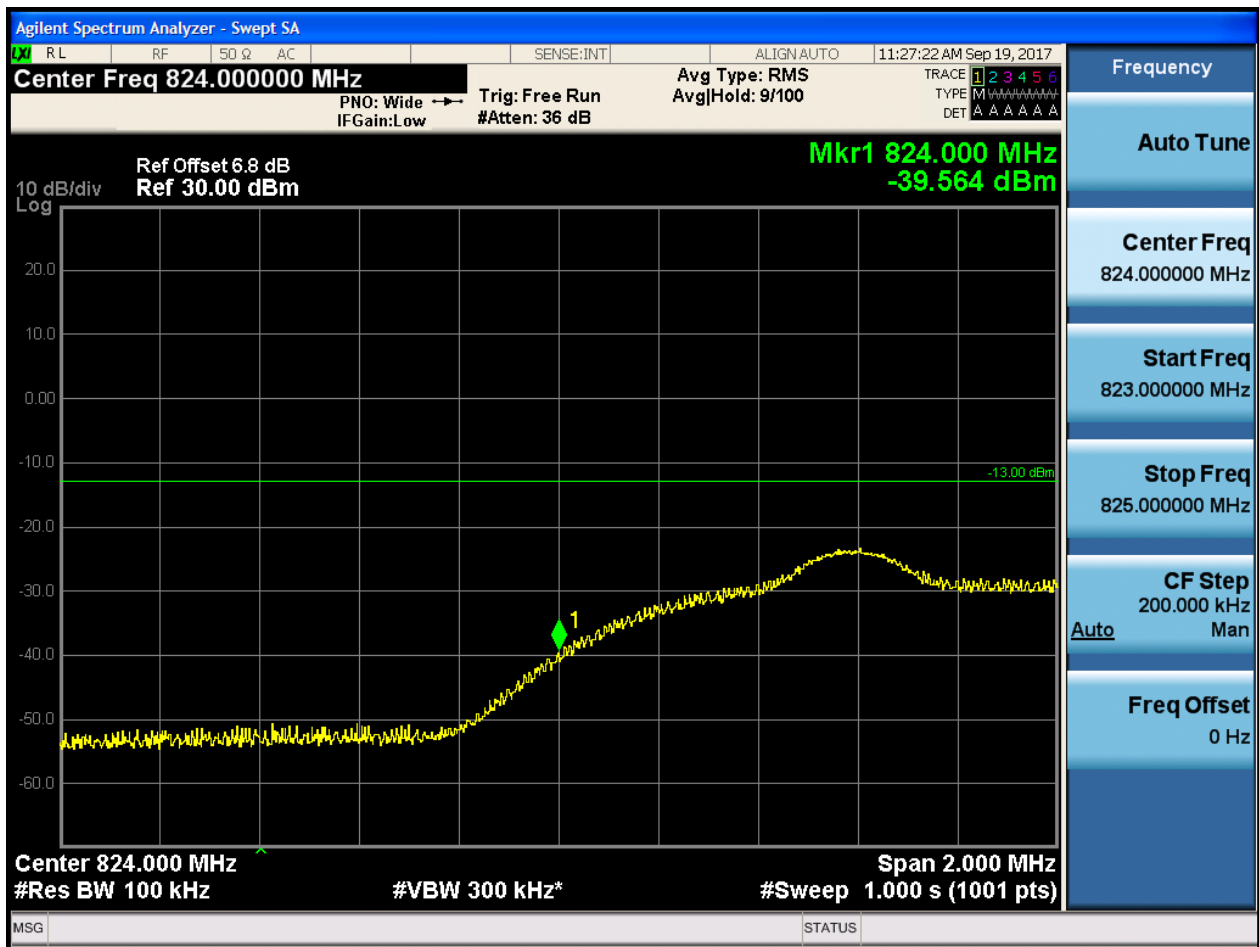
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



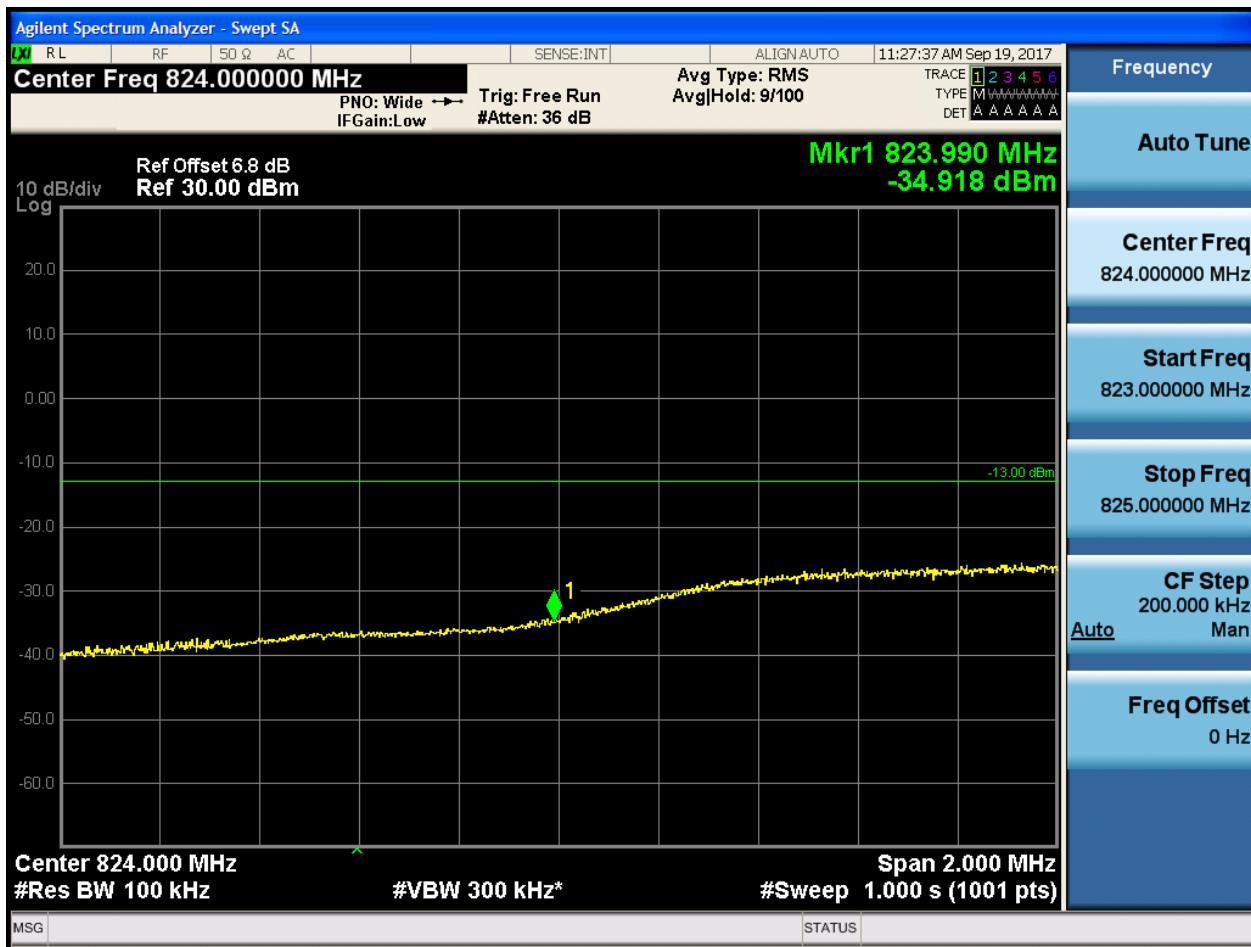


5.1.1.1.4.1.2 Test RB = RB1#49



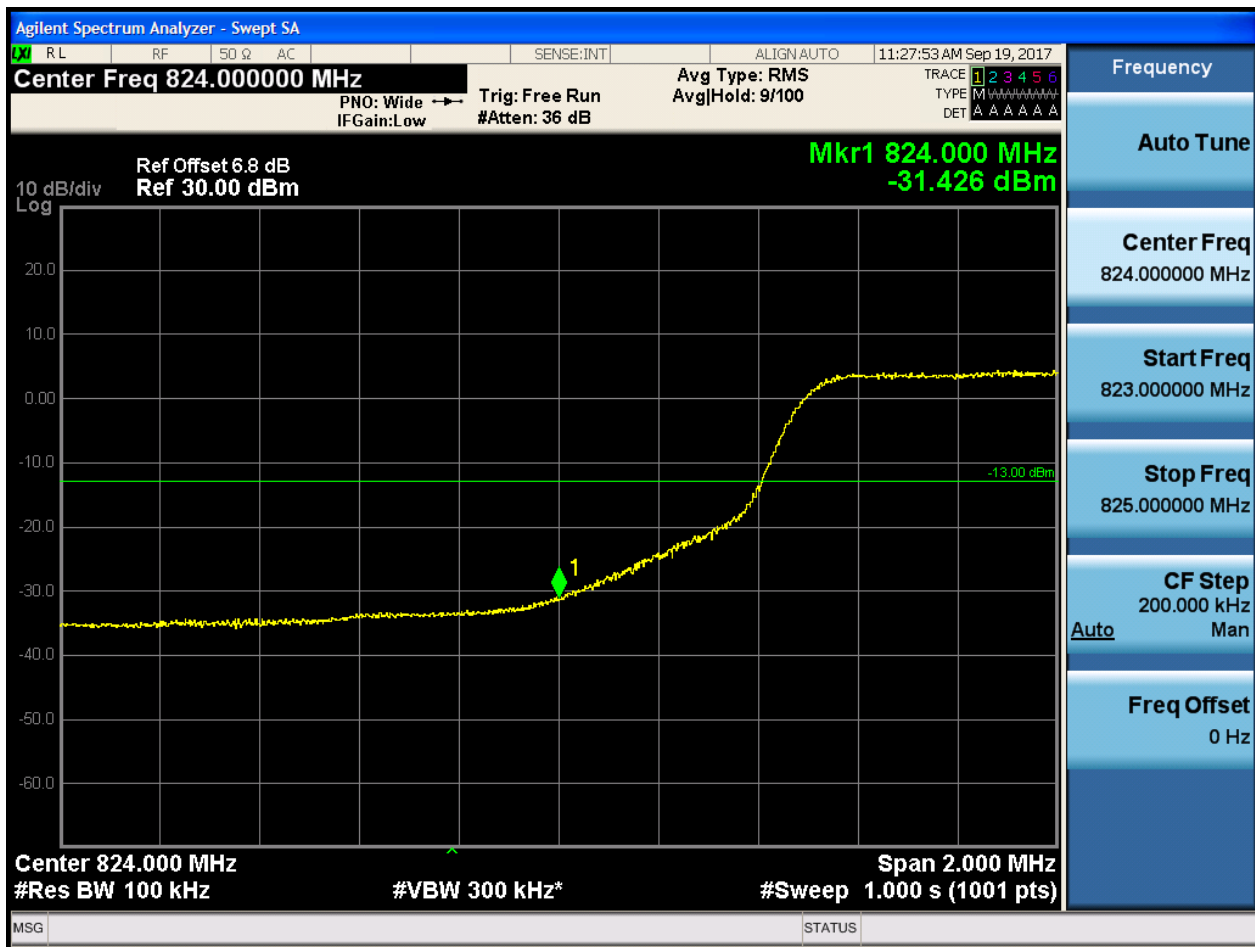


5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





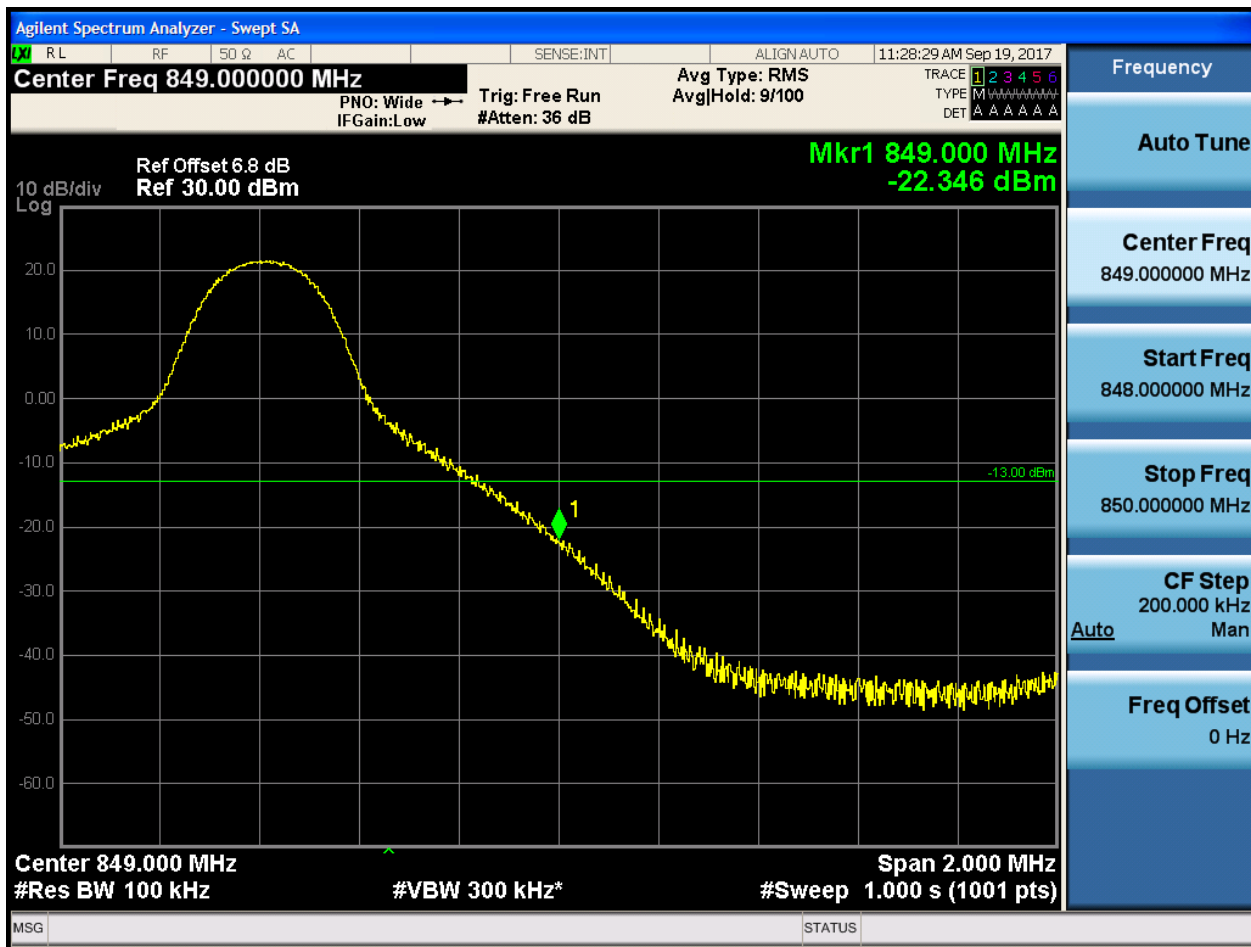
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.000 MHz
-32.254 dBm

Center 849.000 MHz
#Res BW 100 kHz

#VBW 300 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Auto

Freq Offset
0 Hz



5.1.1.1.4.2.4 Test RB = RB50#0

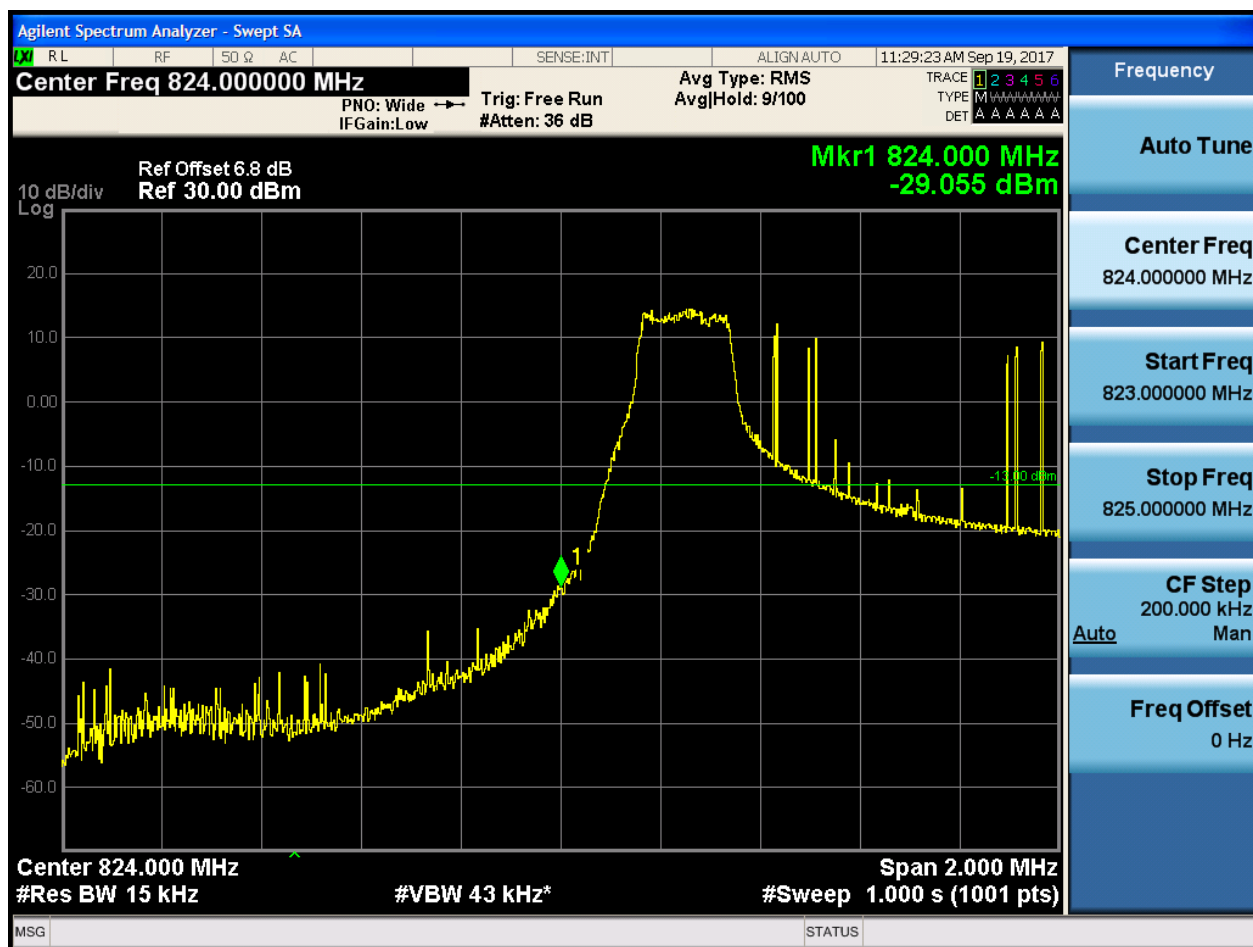


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

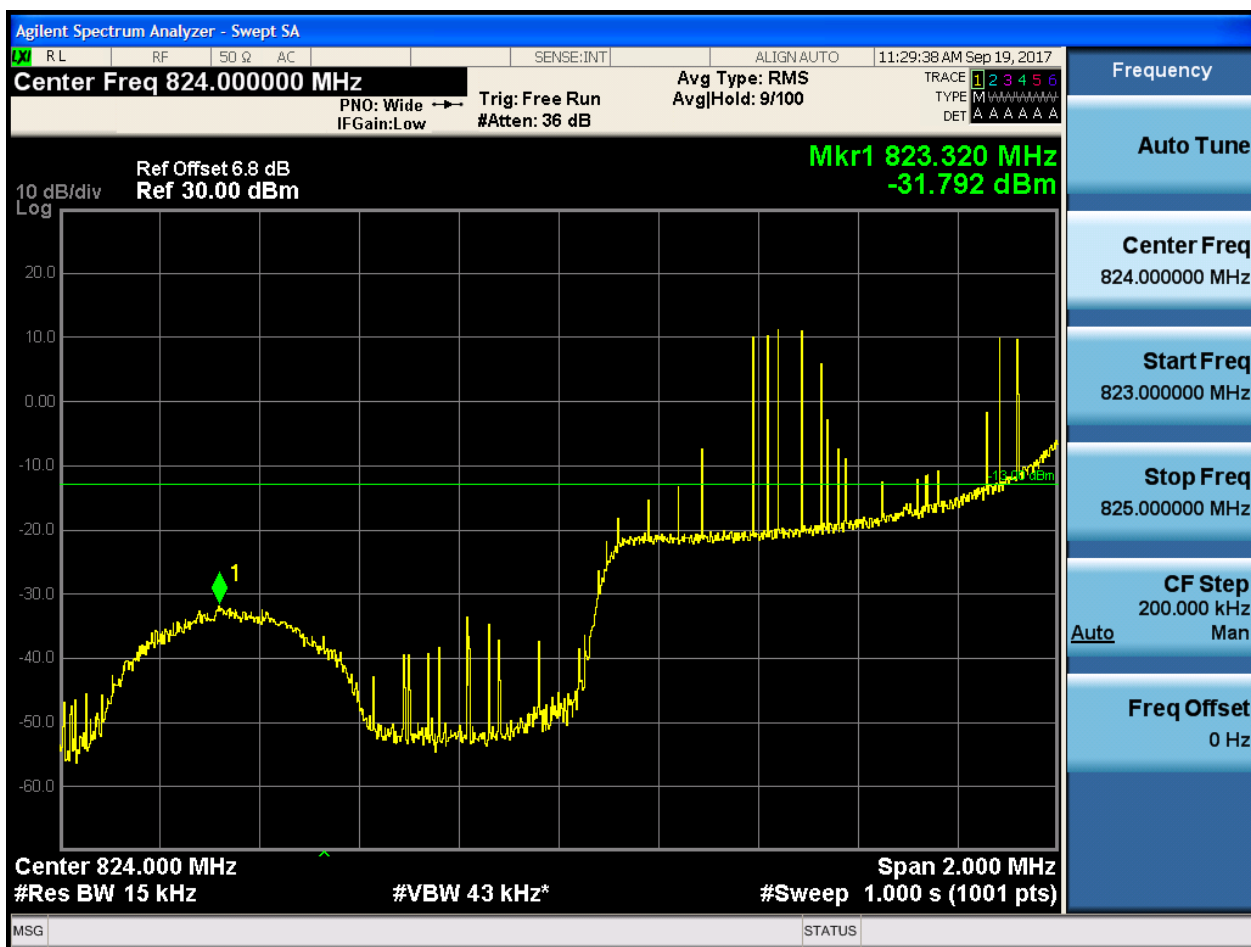
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



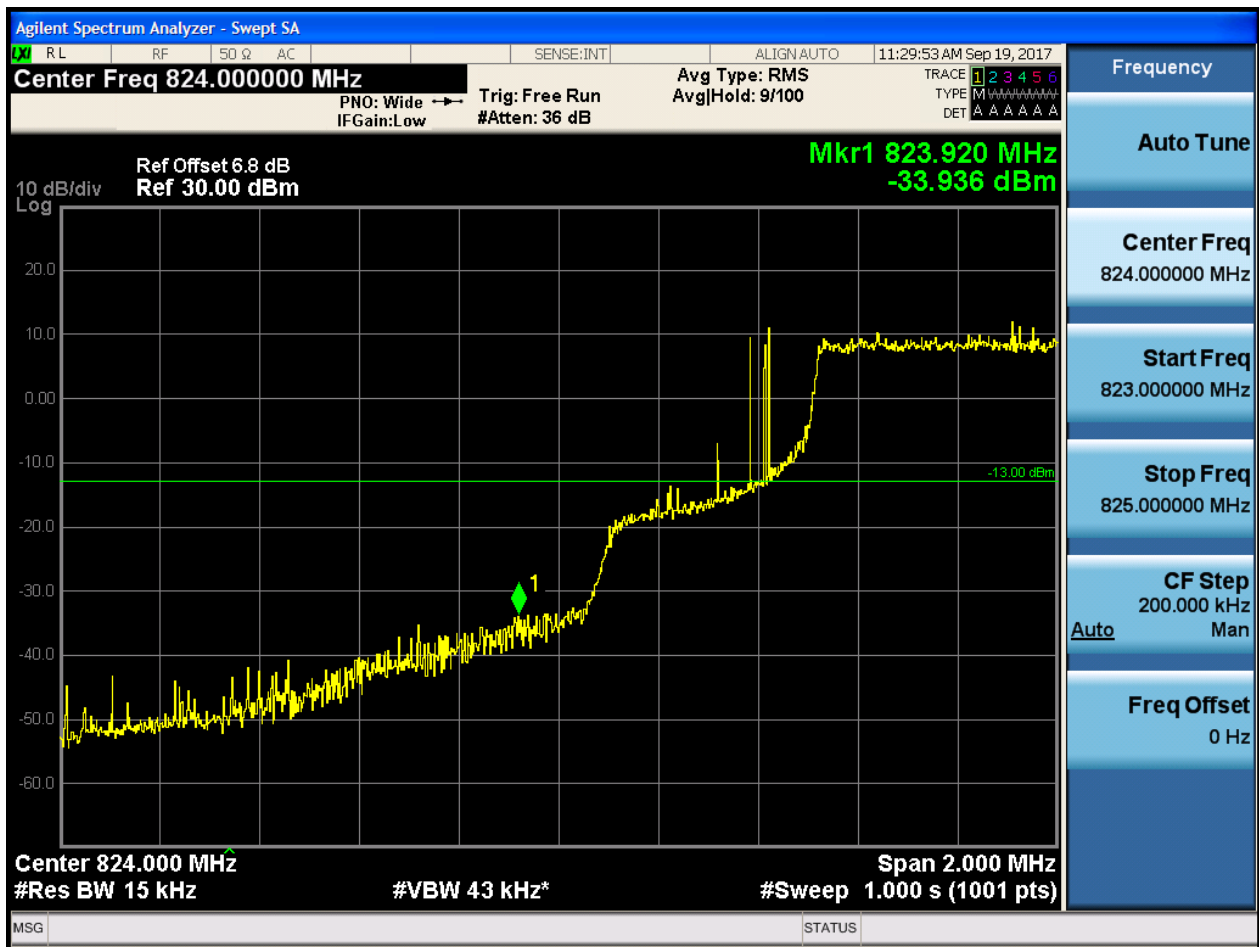


5.1.1.2.1.1.2 Test RB = RB1#5

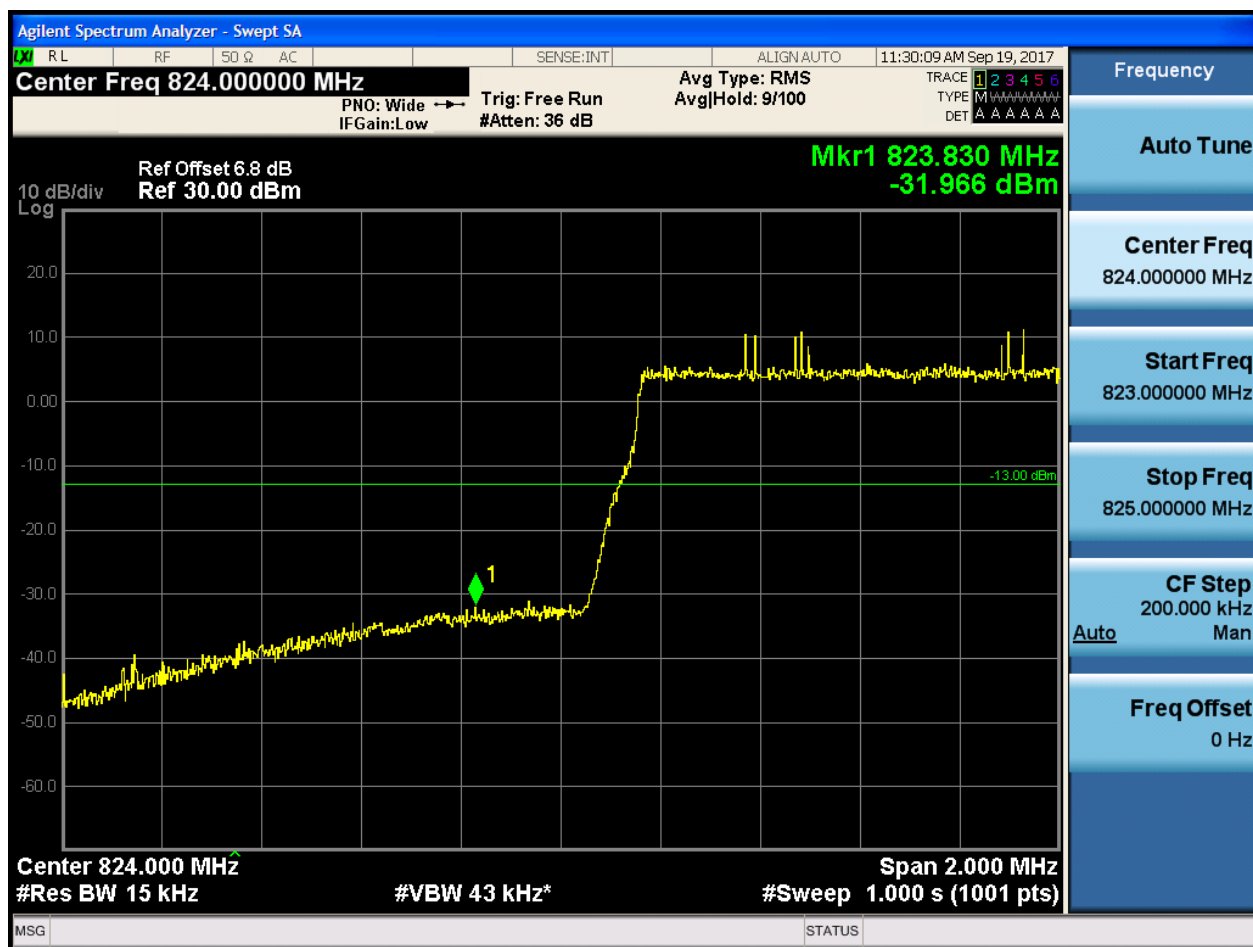




5.1.1.2.1.1.3 Test RB = RB3#2

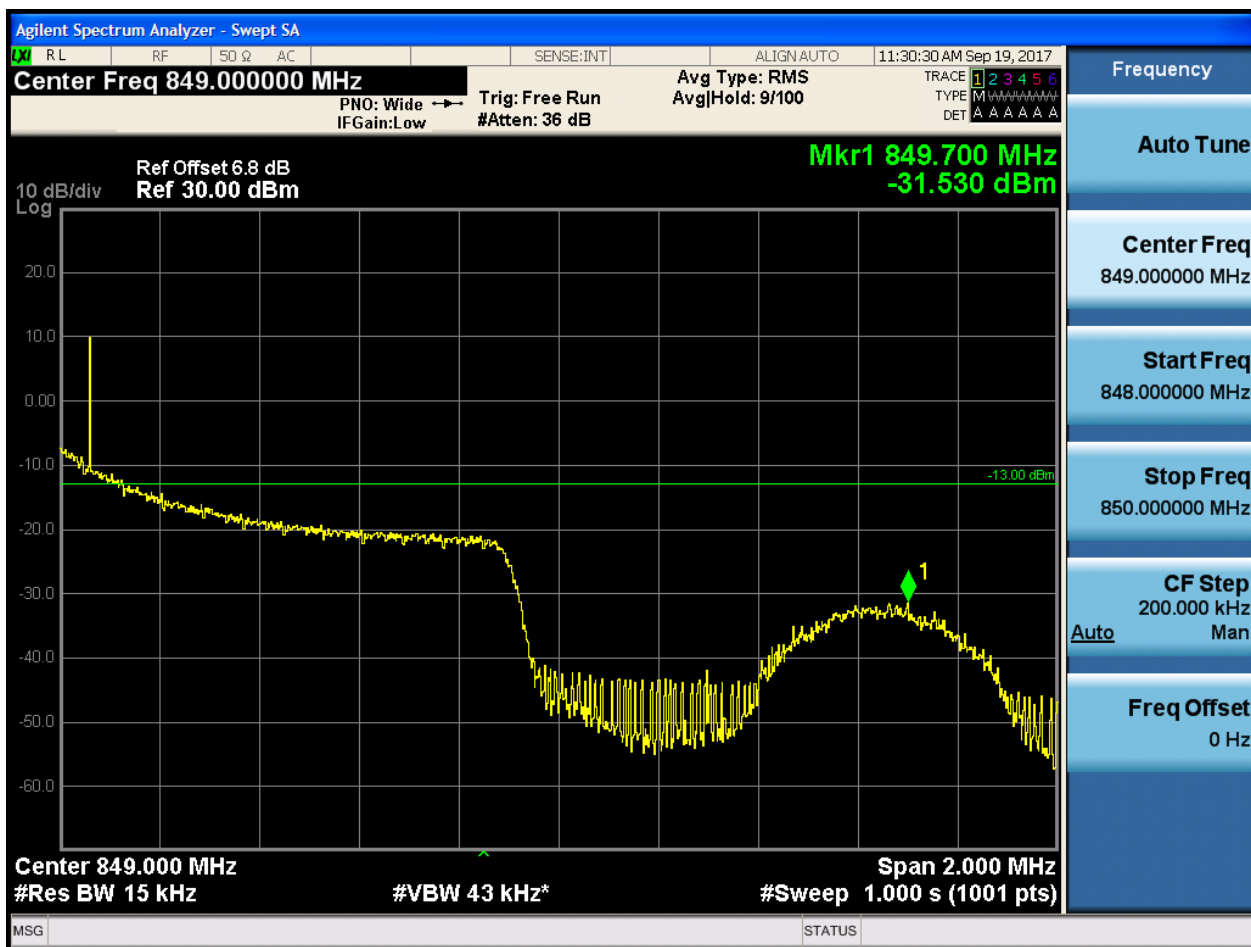


5.1.1.2.1.1.4 Test RB = RB6#0



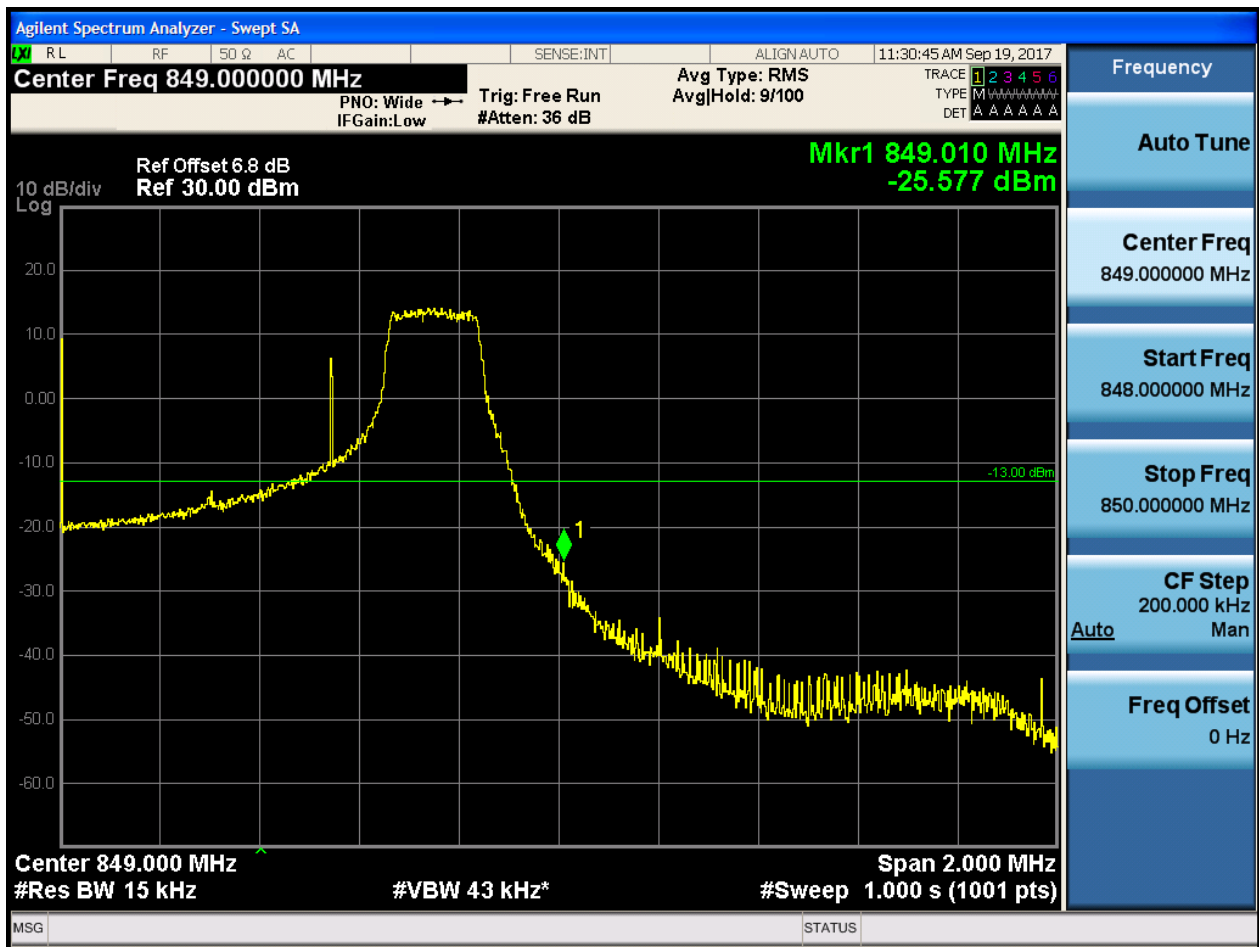
5.1.1.2.1.2 Test Channel = HCH

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





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 9/100

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Mkr1 849.040 MHz
-32.467 dBm

Center 849.000 MHz
#Res BW 15 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

#VBW 43 kHz*

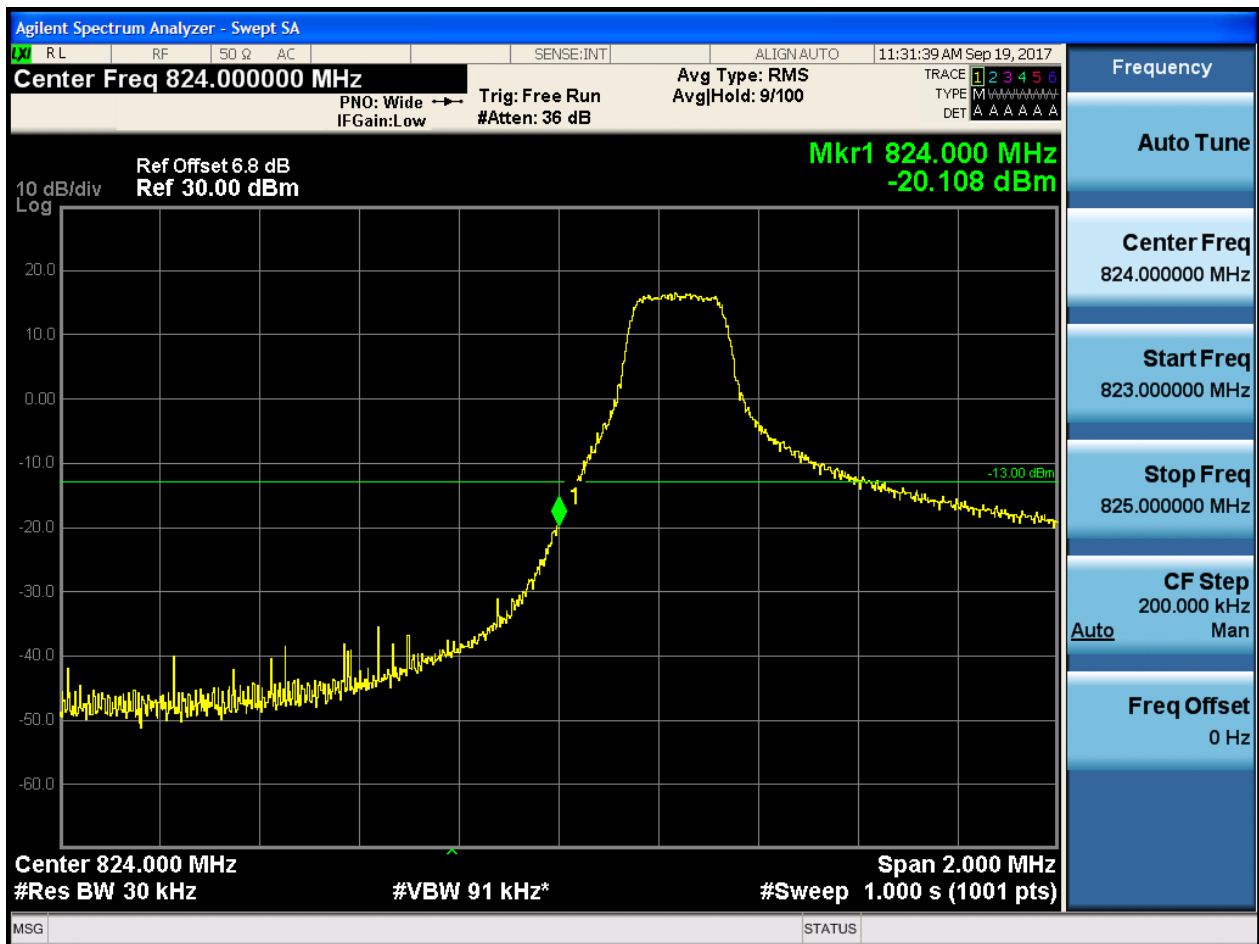
MSG STATUS



5.1.1.2.2 Test Bandwidth = 3

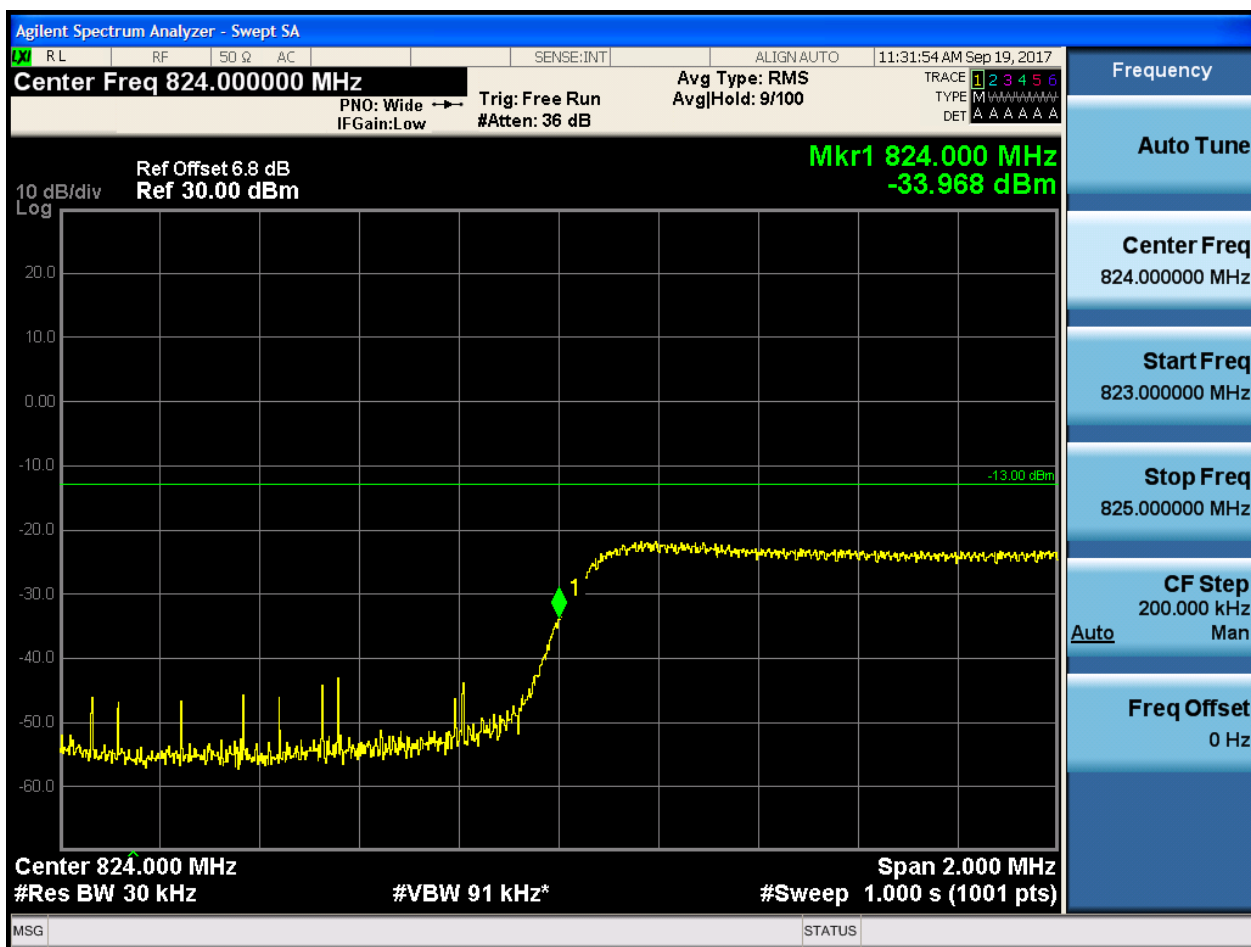
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0

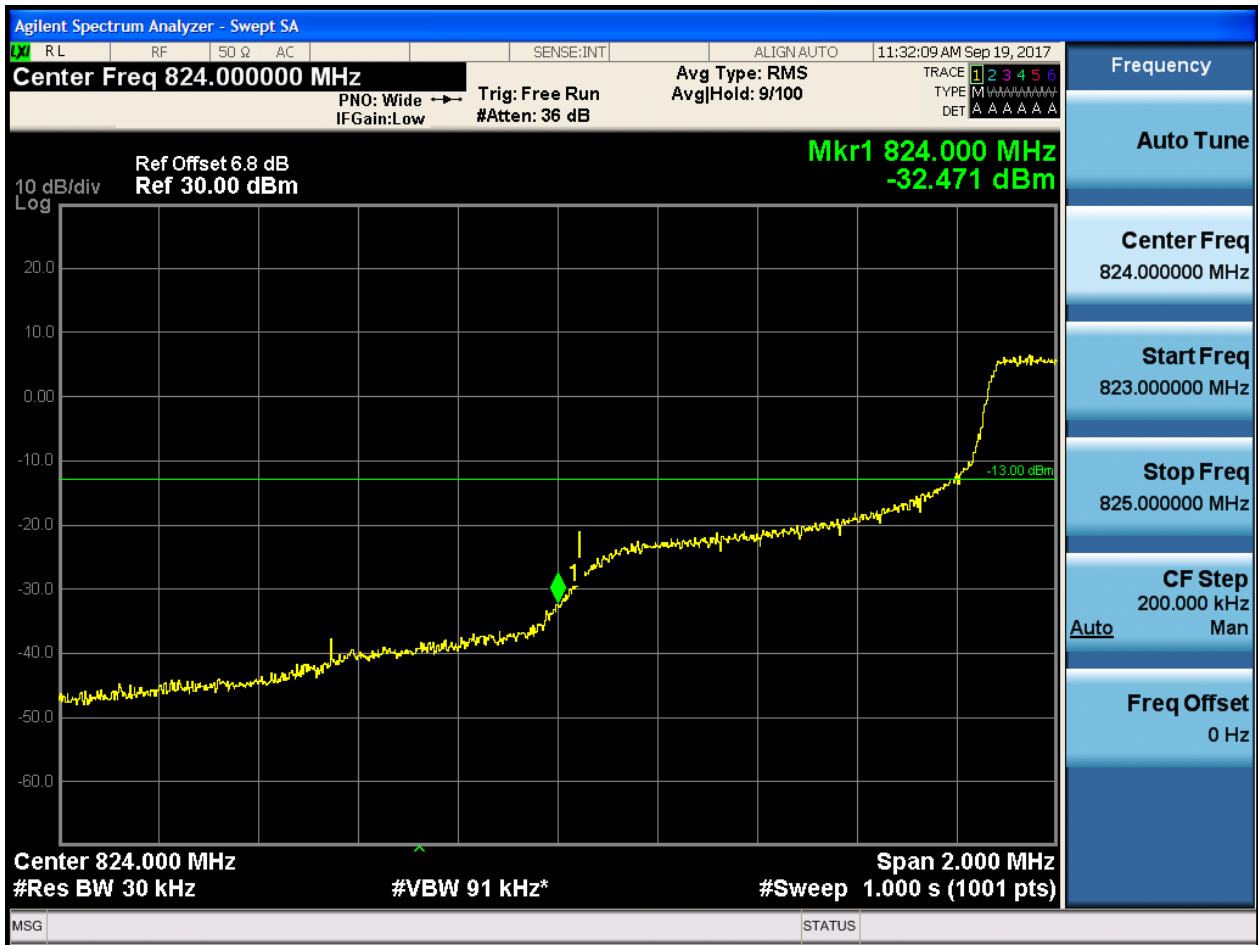




5.1.1.2.2.1.2 Test RB = RB1#14

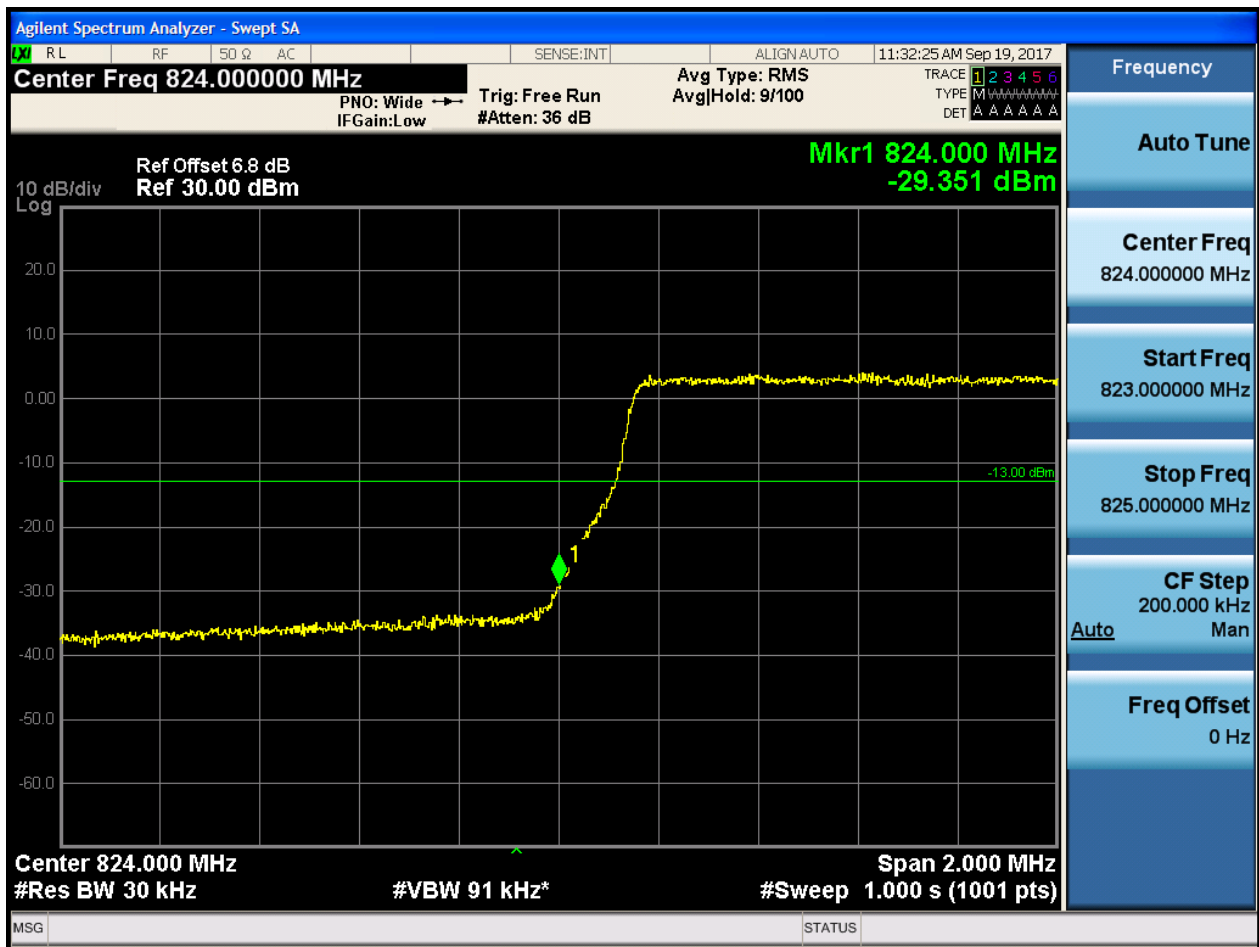


5.1.1.2.2.1.3 Test RB = RB8#4





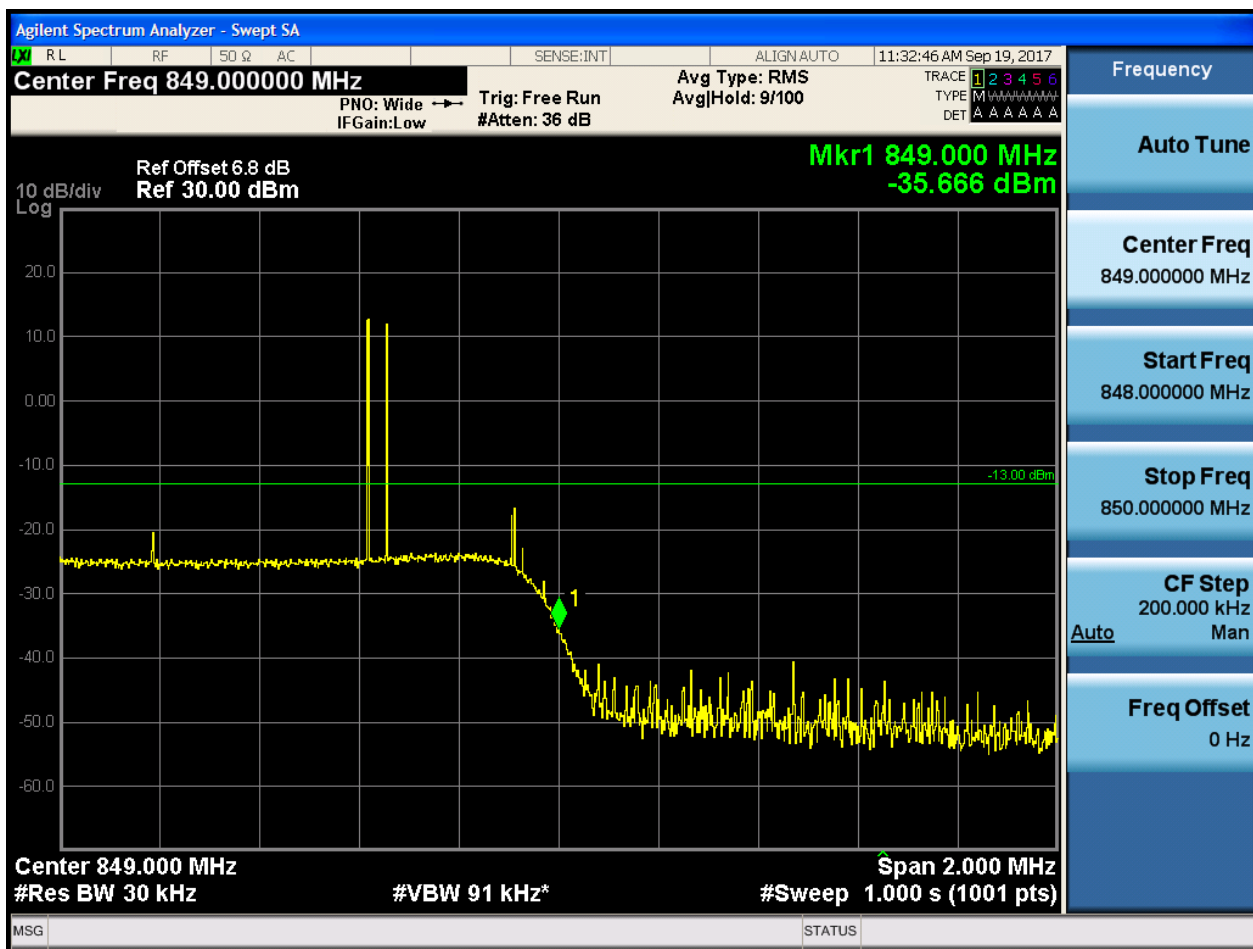
5.1.1.2.2.1.4 Test RB = RB15#0





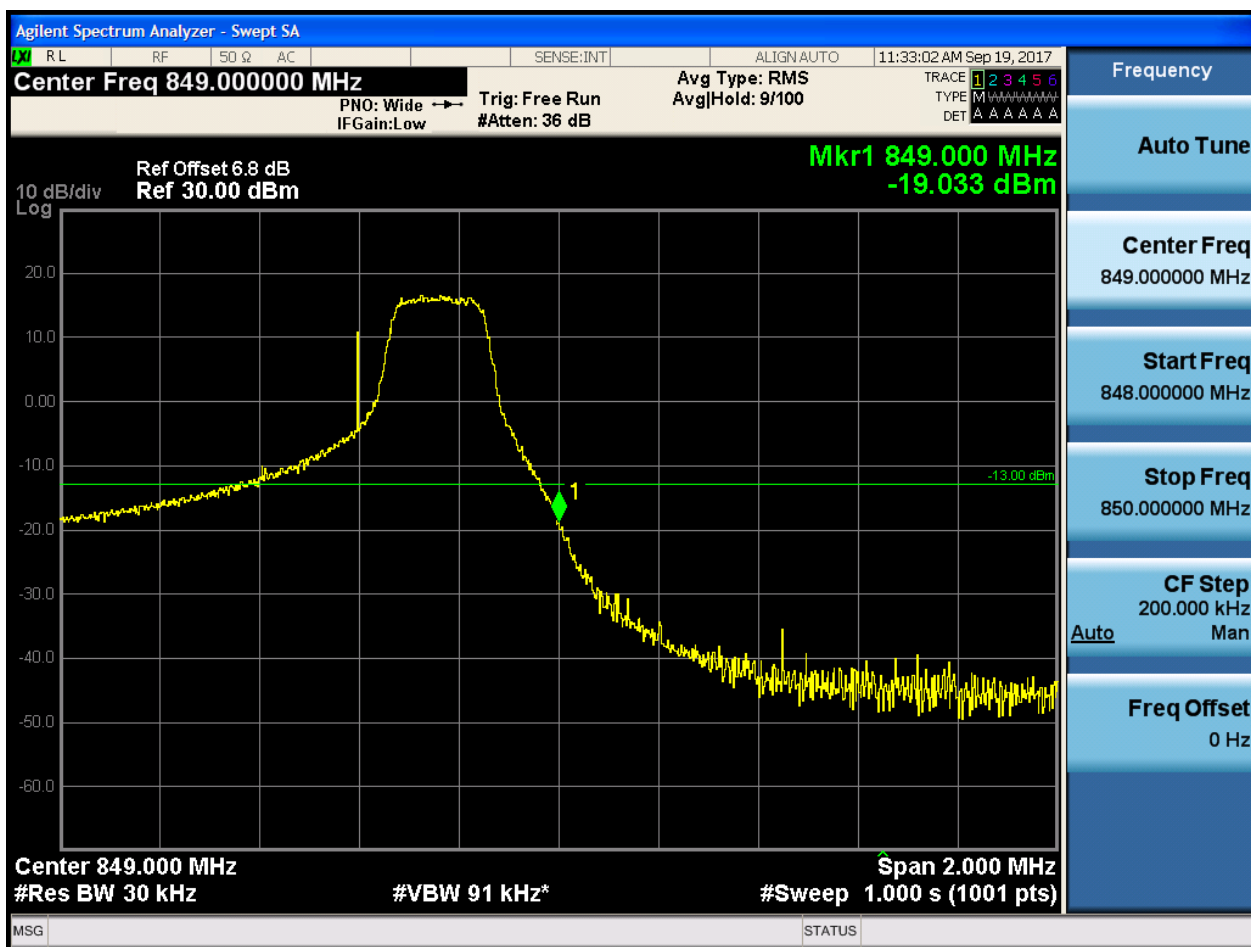
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14



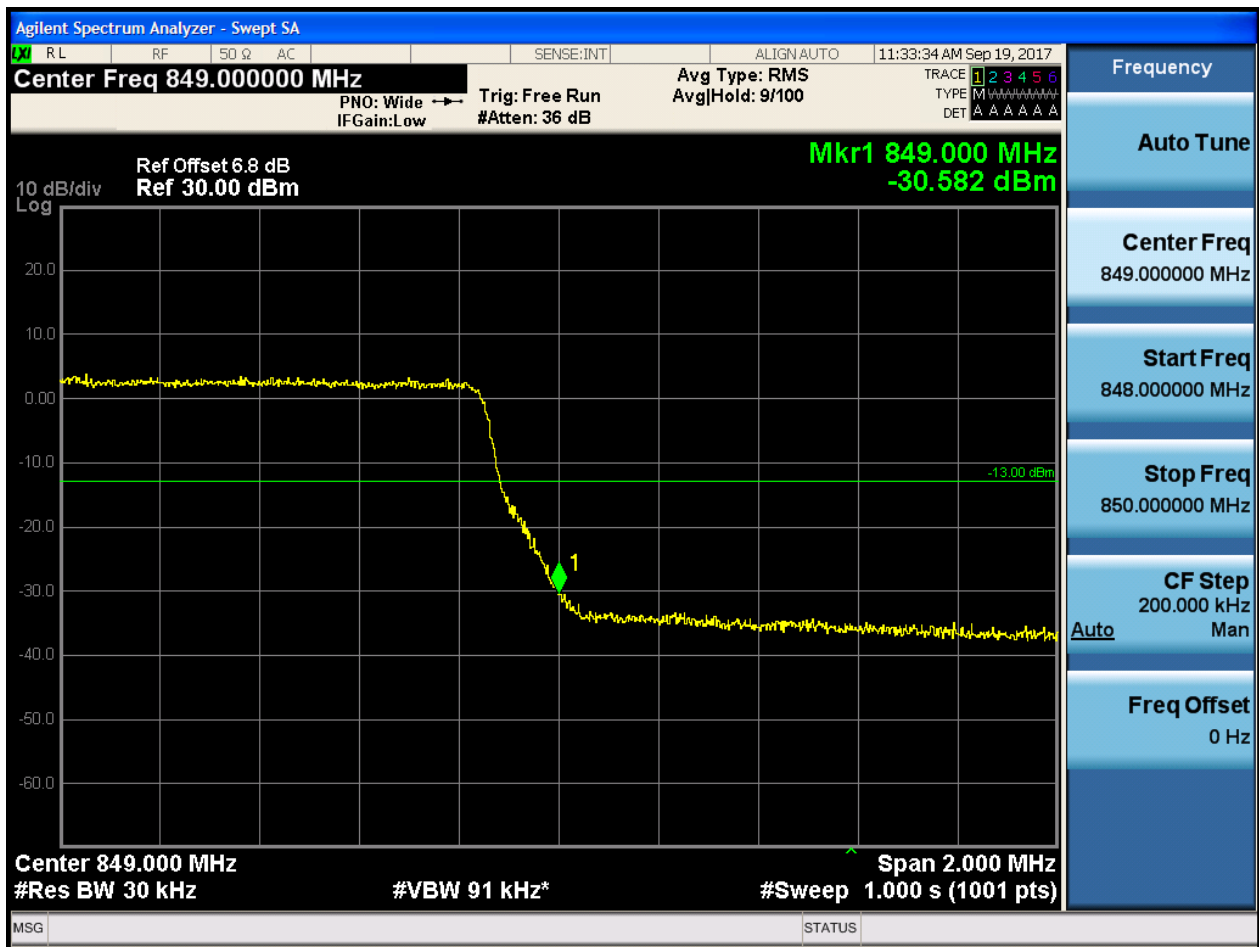


5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

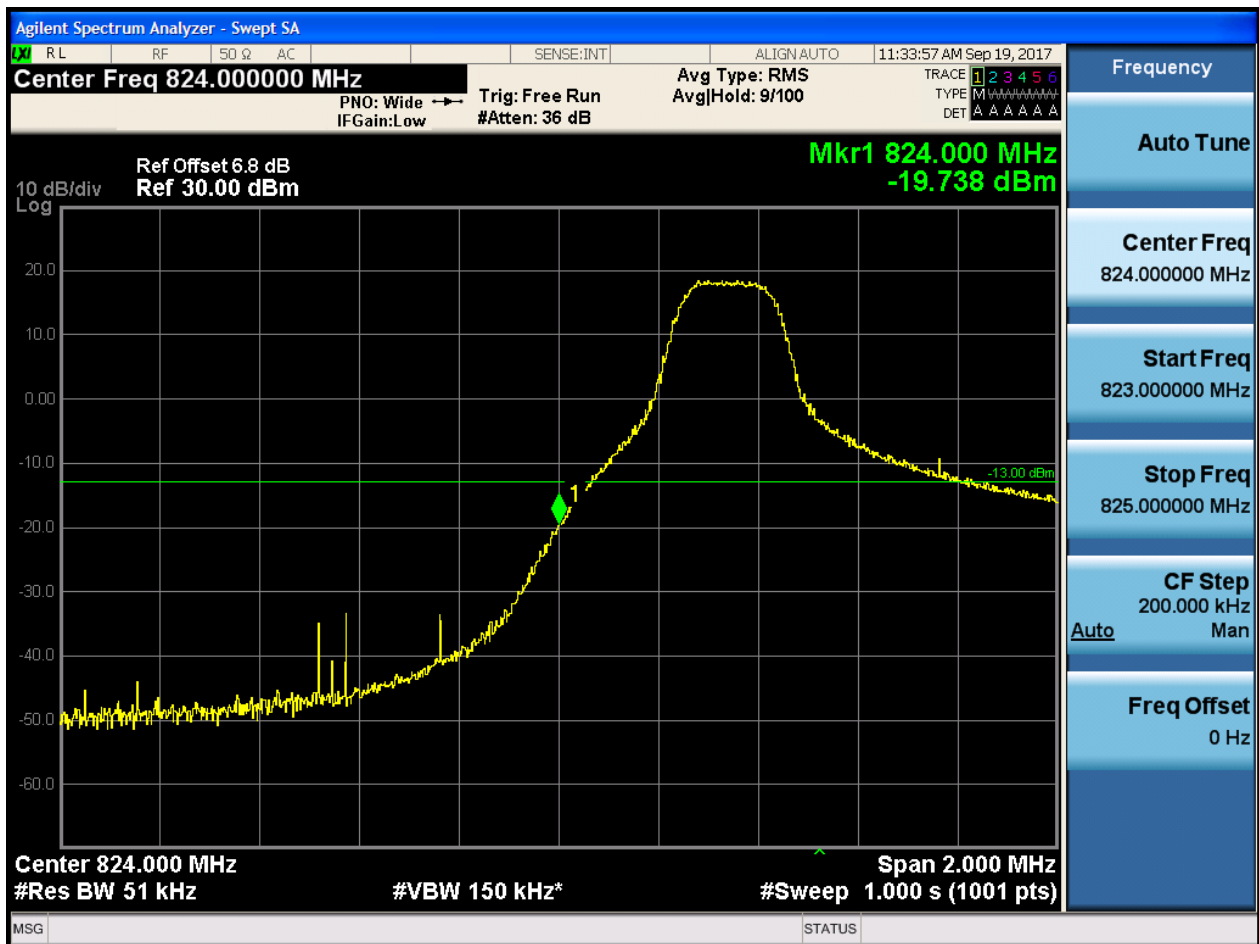




5.1.1.2.3 Test Bandwidth = 5

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

