



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	21.68	18.91	38.5	PASS
				RB1#3	21.91	19.35	38.5	PASS
				RB1#5	21.64	18.80	38.5	PASS
				RB3#0	23.72	21.15	38.5	PASS
				RB3#2	23.56	20.85	38.5	PASS
				RB3#3	23.55	20.91	38.5	PASS
				RB6#0	22.63	19.86	38.5	PASS
			MCH	RB1#0	21.35	18.64	38.5	PASS
				RB1#3	21.54	18.99	38.5	PASS
				RB1#5	21.35	18.66	38.5	PASS
				RB3#0	23.32	20.50	38.5	PASS
				RB3#2	23.36	20.62	38.5	PASS
				RB3#3	23.36	20.68	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	22.38	19.60	38.5	PASS
			HCH	RB1#0	21.35	18.77	38.5	PASS
				RB1#3	21.64	18.97	38.5	PASS
				RB1#5	21.34	18.79	38.5	PASS
				RB3#0	23.44	20.62	38.5	PASS
				RB3#2	23.45	20.75	38.5	PASS
				RB3#3	23.42	20.72	38.5	PASS
				RB6#0	22.47	19.90	38.5	PASS
		3	LCH	RB1#0	21.54	18.74	38.5	PASS
				RB1#7	21.63	18.87	38.5	PASS
				RB1#14	21.48	18.79	38.5	PASS
				RB8#0	22.57	19.74	38.5	PASS
				RB8#4	22.57	19.75	38.5	PASS
				RB8#7	22.55	19.82	38.5	PASS
				RB15#0	22.54	19.86	38.5	PASS
			MCH	RB1#0	21.32	18.73	38.5	PASS
				RB1#7	21.54	18.92	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.27	18.45	38.5	PASS
				RB8#0	22.38	19.58	38.5	PASS
				RB8#4	22.4	19.57	38.5	PASS
				RB8#7	22.37	19.83	38.5	PASS
				RB15#0	22.35	19.71	38.5	PASS
			HCH	RB1#0	21.45	18.62	38.5	PASS
				RB1#7	21.6	19.06	38.5	PASS
				RB1#14	21.45	18.63	38.5	PASS
				RB8#0	22.43	19.80	38.5	PASS
				RB8#4	22.52	19.78	38.5	PASS
				RB8#7	22.45	19.72	38.5	PASS
				RB15#0	22.42	19.79	38.5	PASS
		5	LCH	RB1#0	21.55	18.86	38.5	PASS
				RB1#13	21.61	18.94	38.5	PASS
				RB1#24	21.45	18.89	38.5	PASS
				RB12#0	22.49	19.72	38.5	PASS
				RB12#6	22.52	19.84	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	22.5	19.75	38.5	PASS
				RB25#0	22.51	19.94	38.5	PASS
			MCH	RB1#0	21.3	18.67	38.5	PASS
				RB1#13	21.44	18.71	38.5	PASS
				RB1#24	21.35	18.66	38.5	PASS
				RB12#0	22.32	19.68	38.5	PASS
				RB12#6	22.39	19.83	38.5	PASS
				RB12#13	22.36	19.71	38.5	PASS
				RB25#0	22.36	19.65	38.5	PASS
			HCH	RB1#0	21.48	18.89	38.5	PASS
				RB1#13	21.58	18.84	38.5	PASS
				RB1#24	21.48	18.90	38.5	PASS
				RB12#0	22.48	19.84	38.5	PASS
				RB12#6	22.59	19.78	38.5	PASS
				RB12#13	22.56	19.80	38.5	PASS
				RB25#0	22.53	19.90	38.5	PASS
		10	LCH	RB1#0	21.56	18.82	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.57	19.02	38.5	PASS
				RB1#49	21.31	18.77	38.5	PASS
				RB25#0	22.57	19.92	38.5	PASS
				RB25#13	22.49	19.73	38.5	PASS
				RB25#25	22.45	19.80	38.5	PASS
				RB50#0	22.5	19.90	38.5	PASS
			MCH	RB1#0	21.28	18.51	38.5	PASS
				RB1#25	21.47	18.83	38.5	PASS
				RB1#49	21.29	18.46	38.5	PASS
				RB25#0	22.38	19.57	38.5	PASS
				RB25#13	22.4	19.69	38.5	PASS
				RB25#25	22.43	19.76	38.5	PASS
				RB50#0	22.41	19.69	38.5	PASS
			HCH	RB1#0	21.48	18.93	38.5	PASS
				RB1#25	21.67	19.12	38.5	PASS
				RB1#49	21.62	18.94	38.5	PASS
				RB25#0	22.56	19.93	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	22.56	19.79	38.5	PASS
				RB25#25	22.58	19.81	38.5	PASS
				RB50#0	22.58	19.99	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	20.86	18.04	38.5	PASS
				RB1#3	20.98	18.18	38.5	PASS
				RB1#5	20.81	18.12	38.5	PASS
				RB3#0	22.7	20.13	38.5	PASS
				RB3#2	22.7	19.90	38.5	PASS
				RB3#3	22.67	19.85	38.5	PASS
				RB6#0	21.64	18.89	38.5	PASS
			MCH	RB1#0	20.68	17.88	38.5	PASS
				RB1#3	20.8	18.18	38.5	PASS
				RB1#5	20.71	18.01	38.5	PASS
				RB3#0	22.56	19.83	38.5	PASS
				RB3#2	22.59	19.80	38.5	PASS
				RB3#3	22.56	19.79	38.5	PASS
				RB6#0	21.46	18.81	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	20.45	17.86	38.5	PASS
				RB1#3	20.67	17.90	38.5	PASS
				RB1#5	20.49	17.95	38.5	PASS
				RB3#0	22.3	19.61	38.5	PASS
				RB3#2	22.37	19.67	38.5	PASS
				RB3#3	22.31	19.72	38.5	PASS
				RB6#0	21.38	18.59	38.5	PASS
		3	LCH	RB1#0	21.04	18.39	38.5	PASS
				RB1#7	21.05	18.32	38.5	PASS
				RB1#14	20.97	18.21	38.5	PASS
				RB8#0	21.62	18.99	38.5	PASS
				RB8#4	21.61	18.91	38.5	PASS
				RB8#7	21.62	19.08	38.5	PASS
				RB15#0	21.54	18.94	38.5	PASS
			MCH	RB1#0	20.76	18.17	38.5	PASS
				RB1#7	20.72	18.03	38.5	PASS
				RB1#14	20.58	17.83	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.43	18.72	38.5	PASS
				RB8#4	21.46	18.70	38.5	PASS
				RB8#7	21.42	18.72	38.5	PASS
				RB15#0	21.37	18.81	38.5	PASS
			HCH	RB1#0	20.53	17.88	38.5	PASS
				RB1#7	20.71	17.90	38.5	PASS
				RB1#14	20.5	17.78	38.5	PASS
				RB8#0	21.45	18.84	38.5	PASS
				RB8#4	21.54	18.87	38.5	PASS
				RB8#7	21.46	18.72	38.5	PASS
				RB15#0	21.4	18.82	38.5	PASS
		5	LCH	RB1#0	20.76	18.07	38.5	PASS
				RB1#13	20.8	18.24	38.5	PASS
				RB1#24	20.61	17.90	38.5	PASS
				RB12#0	21.52	18.92	38.5	PASS
				RB12#6	21.56	18.73	38.5	PASS
				RB12#13	21.52	18.95	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.47	18.74	38.5	PASS
			MCH	RB1#0	20.53	17.95	38.5	PASS
				RB1#13	20.58	17.82	38.5	PASS
				RB1#24	20.53	17.83	38.5	PASS
				RB12#0	21.42	18.71	38.5	PASS
				RB12#6	21.49	18.79	38.5	PASS
				RB12#13	21.47	18.74	38.5	PASS
				RB25#0	21.46	18.62	38.5	PASS
			HCH	RB1#0	20.92	18.33	38.5	PASS
				RB1#13	21.01	18.32	38.5	PASS
				RB1#24	20.91	18.11	38.5	PASS
				RB12#0	21.39	18.71	38.5	PASS
				RB12#6	21.45	18.66	38.5	PASS
				RB12#13	21.42	18.81	38.5	PASS
				RB25#0	21.37	18.81	38.5	PASS
		10	LCH	RB1#0	21.13	18.30	38.5	PASS
				RB1#25	21.06	18.44	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	20.92	18.31	38.5	PASS
				RB25#0	21.67	19.08	38.5	PASS
				RB25#13	21.6	18.96	38.5	PASS
				RB25#25	21.53	18.83	38.5	PASS
				RB50#0	21.61	18.96	38.5	PASS
			MCH	RB1#0	20.59	17.96	38.5	PASS
				RB1#25	20.68	18.05	38.5	PASS
				RB1#49	20.59	17.87	38.5	PASS
				RB25#0	21.37	18.74	38.5	PASS
				RB25#13	21.37	18.76	38.5	PASS
				RB25#25	21.42	18.88	38.5	PASS
				RB50#0	21.41	18.70	38.5	PASS
			HCH	RB1#0	20.44	17.72	38.5	PASS
				RB1#25	20.62	18.01	38.5	PASS
				RB1#49	20.54	17.82	38.5	PASS
				RB25#0	21.44	18.71	38.5	PASS
				RB25#13	21.44	18.81	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.49	18.69	38.5	PASS
				RB50#0	21.35	18.59	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:

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

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

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

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
BAND5	LTE/TM1	1.4	LCH	RB1#0	4.51	13	PASS
				RB1#3	4.5	13	PASS
				RB1#5	4.56	13	PASS
				RB3#0	4.05	13	PASS
				RB3#2	3.91	13	PASS
				RB3#3	4.09	13	PASS
				RB6#0	5.59	13	PASS
			MCH	RB1#0	4.75	13	PASS
				RB1#3	4.66	13	PASS
				RB1#5	4.78	13	PASS
				RB3#0	4.18	13	PASS
				RB3#2	3.98	13	PASS
				RB3#3	4.18	13	PASS
				RB6#0	5.6	13	PASS
			HCH	RB1#0	5.06	13	PASS
				RB1#3	4.91	13	PASS
				RB1#5	5	13	PASS
				RB3#0	3.87	13	PASS
				RB3#2	3.76	13	PASS
				RB3#3	3.9	13	PASS
				RB6#0	5.19	13	PASS
		3	LCH	RB1#0	4.74	13	PASS
				RB1#7	4.73	13	PASS
				RB1#14	4.79	13	PASS
				RB8#0	5	13	PASS
				RB8#4	4.9	13	PASS
				RB8#7	5.04	13	PASS
				RB15#0	4.97	13	PASS
			MCH	RB1#0	4.69	13	PASS
				RB1#7	4.6	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.72	13	PASS
				RB8#0	5.21	13	PASS
				RB8#4	5.07	13	PASS
				RB8#7	5.14	13	PASS
				RB15#0	5.86	13	PASS
			HCH	RB1#0	5.08	13	PASS
				RB1#7	4.95	13	PASS
				RB1#14	5.02	13	PASS
				RB8#0	5.1	13	PASS
				RB8#4	4.93	13	PASS
				RB8#7	4.96	13	PASS
				RB15#0	5.3	13	PASS
		5	LCH	RB1#0	4.68	13	PASS
				RB1#13	4.73	13	PASS
				RB1#24	4.81	13	PASS
				RB12#0	5.02	13	PASS
				RB12#6	4.99	13	PASS
				RB12#13	5.16	13	PASS
				RB25#0	5.37	13	PASS
			MCH	RB1#0	5.01	13	PASS
				RB1#13	4.89	13	PASS
				RB1#24	5.02	13	PASS
				RB12#0	5.22	13	PASS
				RB12#6	5.06	13	PASS
				RB12#13	5.12	13	PASS
				RB25#0	5.6	13	PASS
			HCH	RB1#0	5.21	13	PASS
				RB1#13	5.12	13	PASS
				RB1#24	5.17	13	PASS
				RB12#0	5.13	13	PASS
				RB12#6	4.95	13	PASS
				RB12#13	5.04	13	PASS
				RB25#0	5.54	13	PASS
		10	LCH	RB1#0	4.78	13	PASS
				RB1#25	4.82	13	PASS
				RB1#49	4.88	13	PASS
				RB25#0	5.08	13	PASS
				RB25#13	4.98	13	PASS
				RB25#25	5.08	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
			MCH	RB1#0	4.81	13	PASS
				RB1#25	4.68	13	PASS
				RB1#49	4.81	13	PASS
				RB25#0	5.22	13	PASS
				RB25#13	5.22	13	PASS
				RB25#25	5.3	13	PASS
				RB50#0	5.71	13	PASS
			HCH	RB1#0	5.27	13	PASS
				RB1#25	5.02	13	PASS
				RB1#49	5.07	13	PASS
				RB25#0	5.33	13	PASS
				RB25#13	5.03	13	PASS
				RB25#25	5.17	13	PASS
				RB50#0	5.63	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.77	13	PASS
				RB1#3	5.7	13	PASS
				RB1#5	5.85	13	PASS
				RB3#0	4.86	13	PASS
				RB3#2	4.73	13	PASS
				RB3#3	4.89	13	PASS
				RB6#0	5.94	13	PASS
			MCH	RB1#0	5.85	13	PASS
				RB1#3	5.77	13	PASS
				RB1#5	5.85	13	PASS
				RB3#0	4.95	13	PASS
				RB3#2	4.82	13	PASS
				RB3#3	5	13	PASS
				RB6#0	5.97	13	PASS
			HCH	RB1#0	5.63	13	PASS
				RB1#3	5.56	13	PASS
				RB1#5	5.61	13	PASS
				RB3#0	4.9	13	PASS
				RB3#2	4.72	13	PASS
				RB3#3	4.87	13	PASS
				RB6#0	6.16	13	PASS
		3	LCH	RB1#0	6.06	13	PASS
				RB1#7	5.95	13	PASS
				RB1#14	6.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.03	13	PASS
				RB8#4	5.92	13	PASS
				RB8#7	6.04	13	PASS
				RB15#0	6.41	13	PASS
			MCH	RB1#0	5.97	13	PASS
				RB1#7	5.72	13	PASS
				RB1#14	6.03	13	PASS
				RB8#0	5.65	13	PASS
				RB8#4	5.66	13	PASS
				RB8#7	5.73	13	PASS
				RB15#0	6.32	13	PASS
			HCH	RB1#0	5.47	13	PASS
				RB1#7	5.4	13	PASS
				RB1#14	5.47	13	PASS
				RB8#0	5.88	13	PASS
				RB8#4	5.79	13	PASS
				RB8#7	5.91	13	PASS
				RB15#0	6.19	13	PASS
		5	LCH	RB1#0	5.97	13	PASS
				RB1#13	6.05	13	PASS
				RB1#24	6.15	13	PASS
				RB12#0	5.91	13	PASS
				RB12#6	5.85	13	PASS
				RB12#13	6.09	13	PASS
				RB25#0	6.21	13	PASS
			MCH	RB1#0	6.02	13	PASS
				RB1#13	5.89	13	PASS
				RB1#24	6.03	13	PASS
				RB12#0	5.99	13	PASS
				RB12#6	5.85	13	PASS
				RB12#13	5.95	13	PASS
				RB25#0	7.01	13	PASS
			HCH	RB1#0	4.92	13	PASS
				RB1#13	4.87	13	PASS
				RB1#24	4.9	13	PASS
				RB12#0	5.75	13	PASS
				RB12#6	5.67	13	PASS
				RB12#13	5.78	13	PASS
				RB25#0	6.47	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	6.17	13	PASS
				RB1#25	6.3	13	PASS
				RB1#49	6.3	13	PASS
				RB25#0	6.27	13	PASS
				RB25#13	6.26	13	PASS
				RB25#25	6.42	13	PASS
				RB50#0	6.84	13	PASS
			MCH	RB1#0	5.94	13	PASS
				RB1#25	5.8	13	PASS
				RB1#49	5.95	13	PASS
				RB25#0	6.22	13	PASS
				RB25#13	6.2	13	PASS
				RB25#25	6.33	13	PASS
				RB50#0	6.48	13	PASS
			HCH	RB1#0	5.84	13	PASS
				RB1#25	5.62	13	PASS
				RB1#49	5.67	13	PASS
				RB25#0	6.12	13	PASS
				RB25#13	6	13	PASS
				RB25#25	6.04	13	PASS
				RB50#0	6.49	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

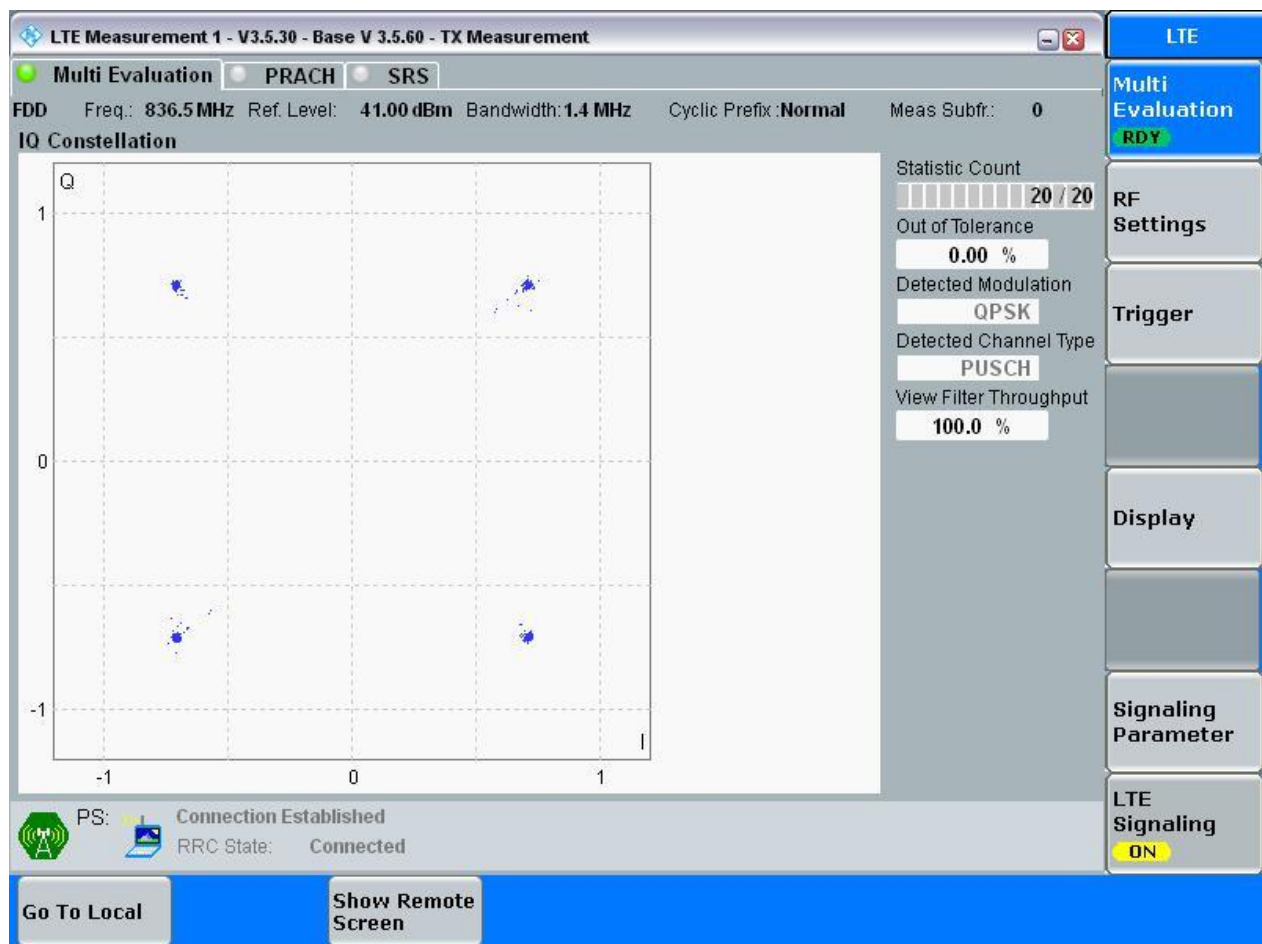
3.1.1 Test Band = BAND5

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

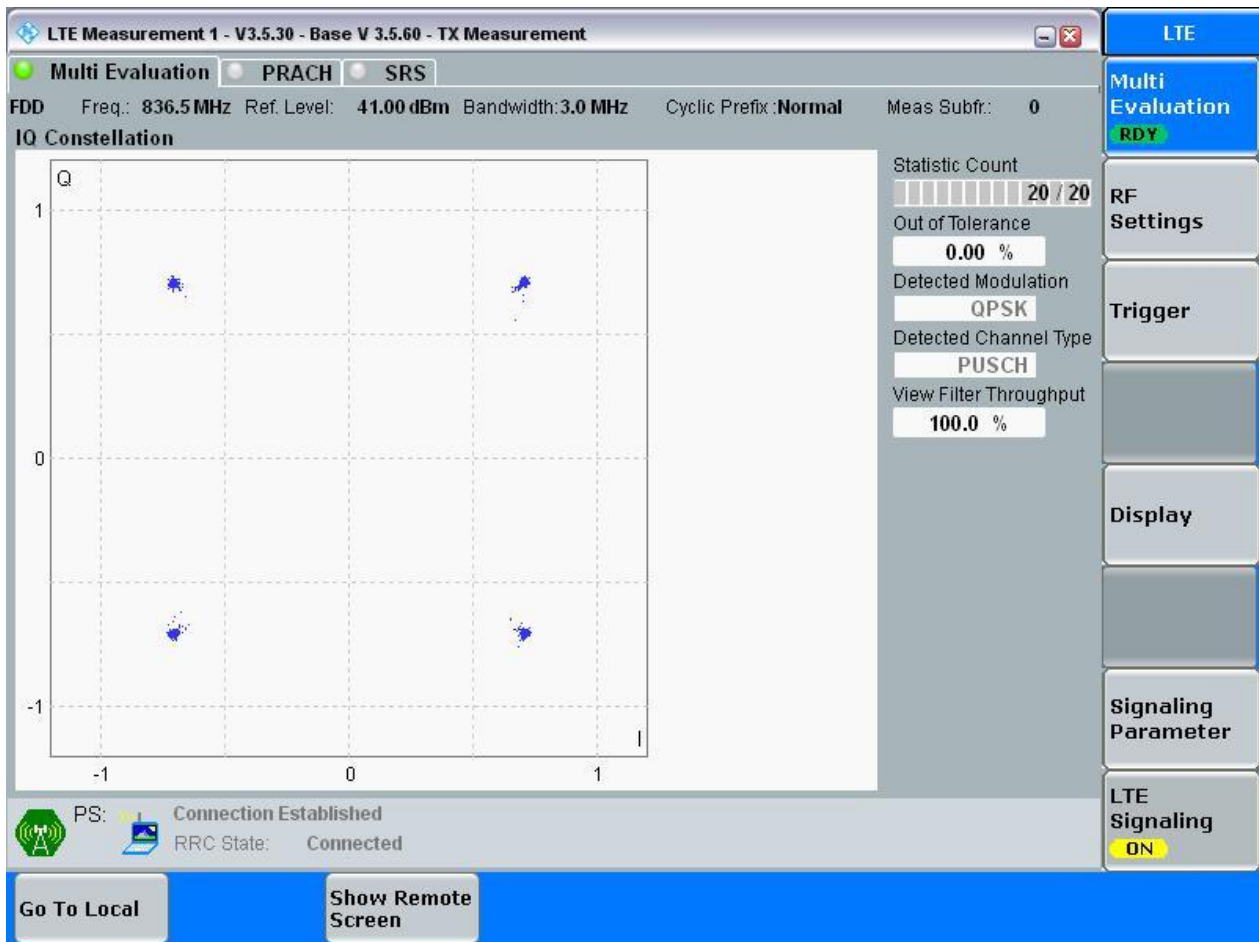
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

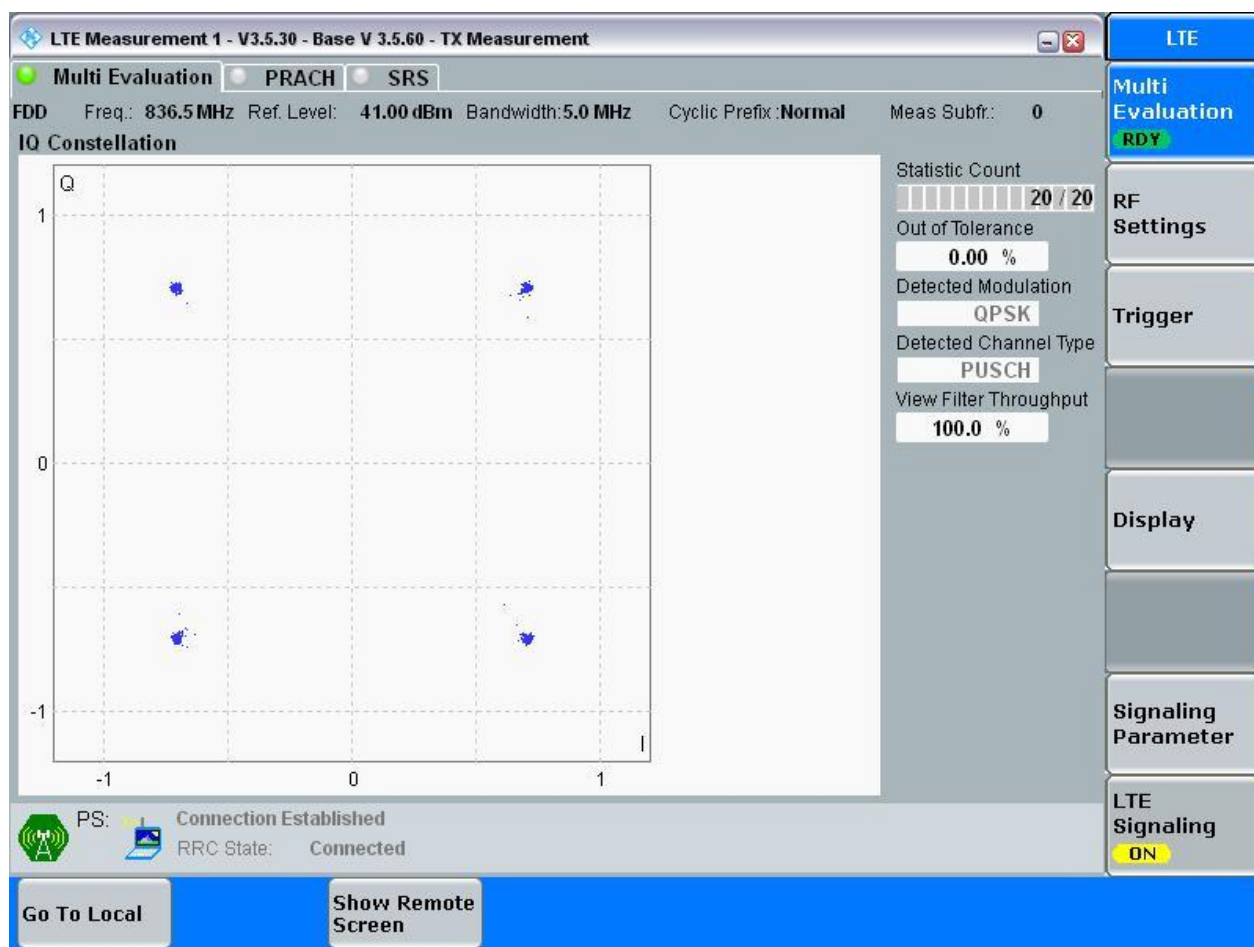
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

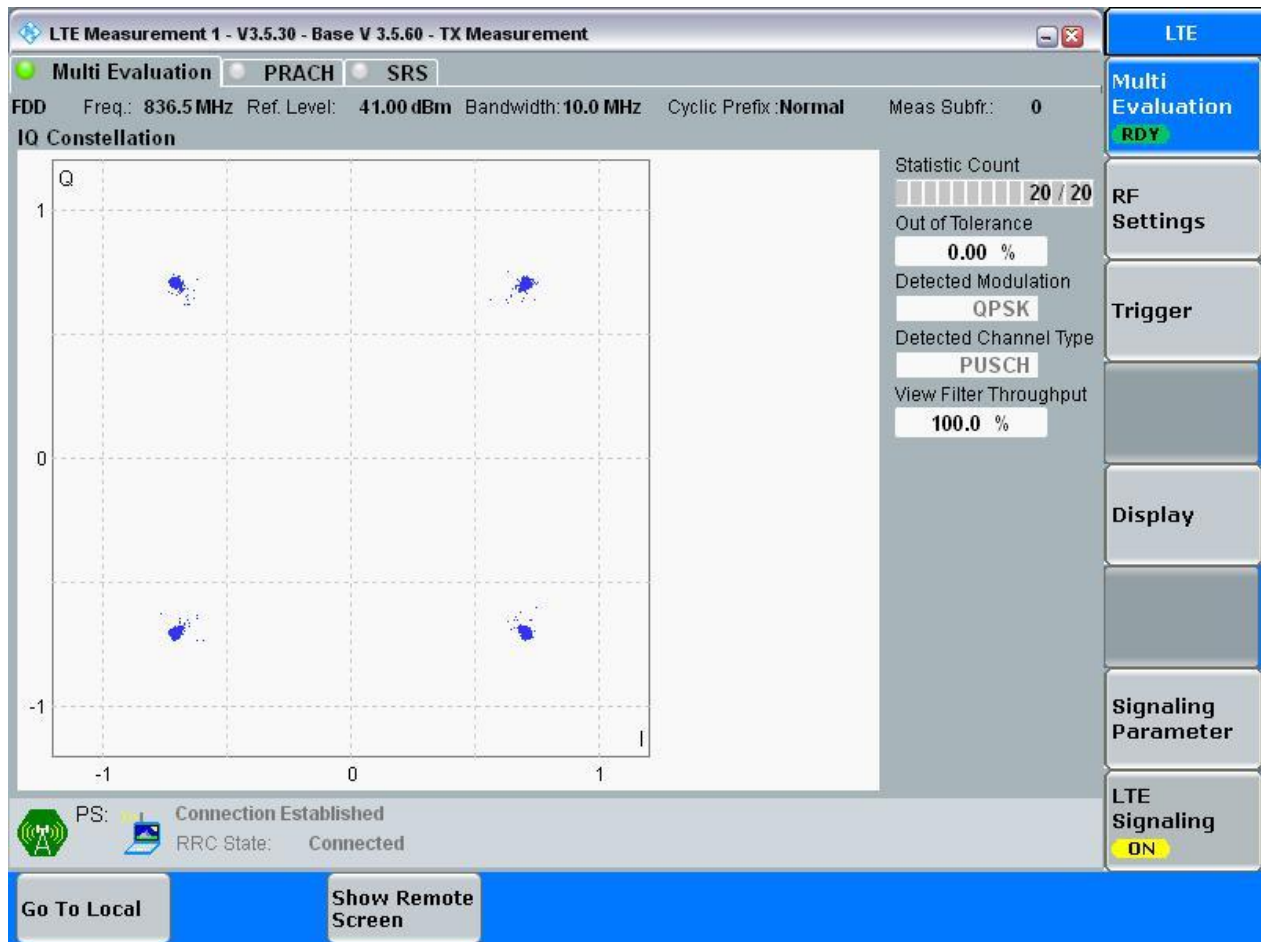
3.1.1.1.3.1.1 Test RB = RB25#0



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

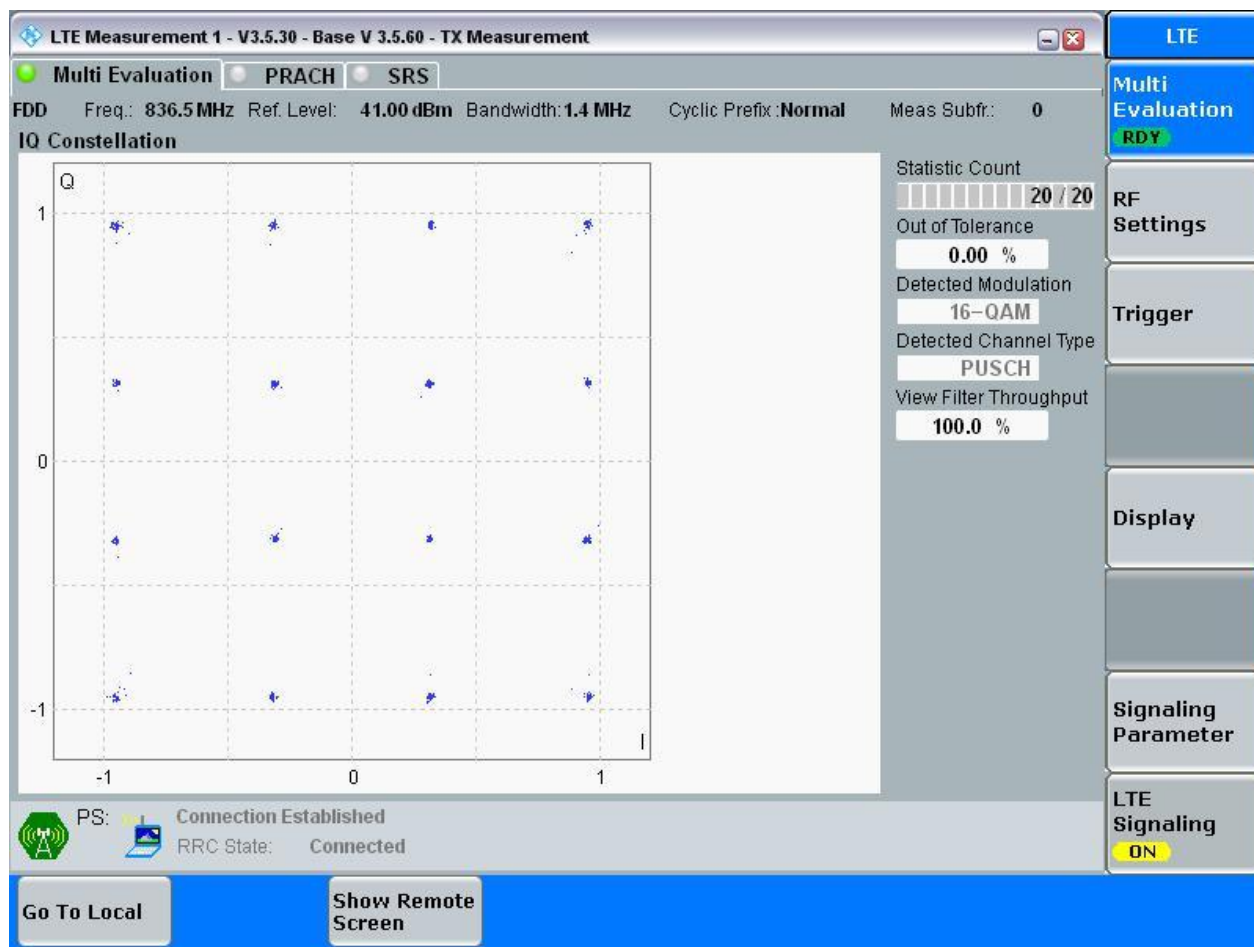


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

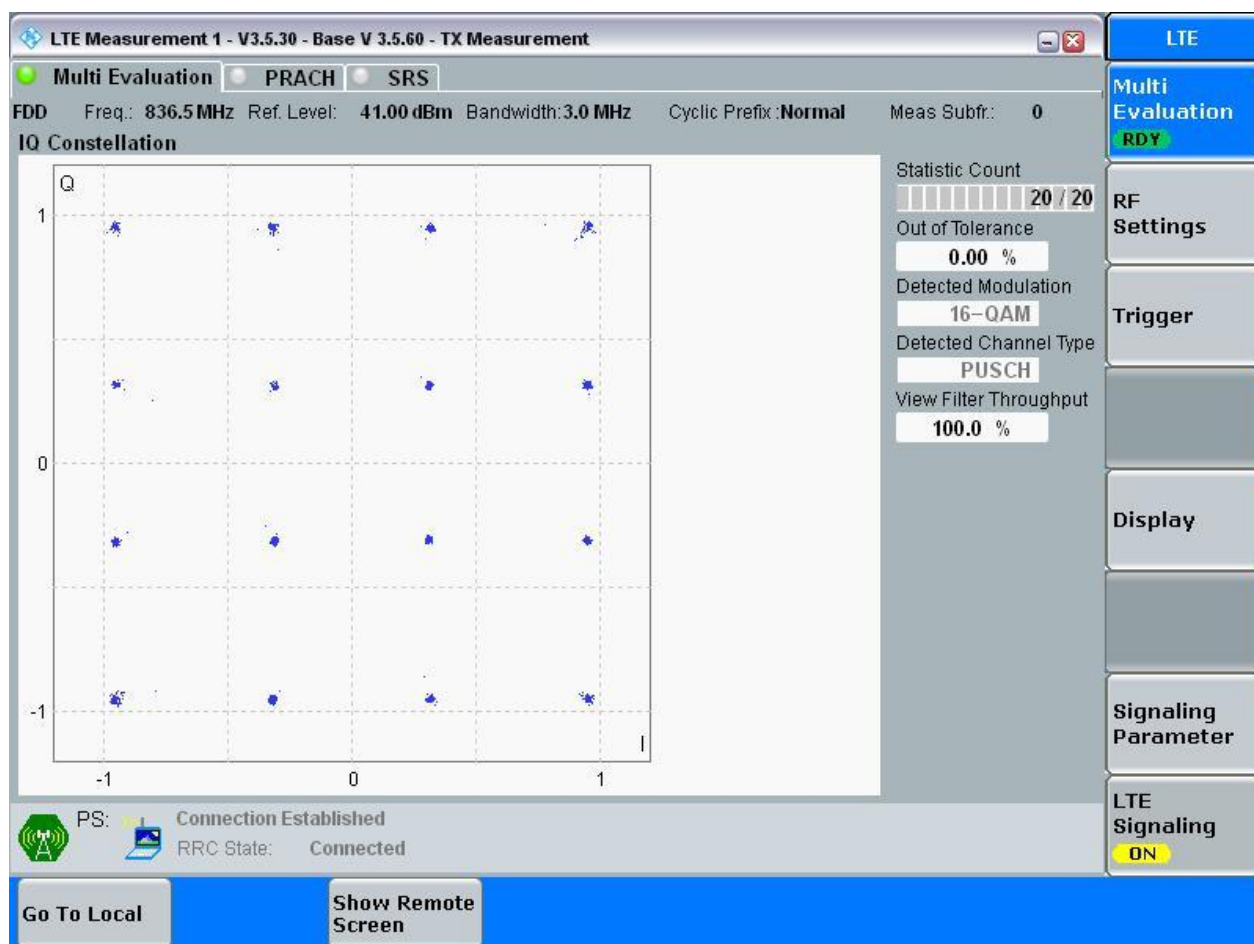
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

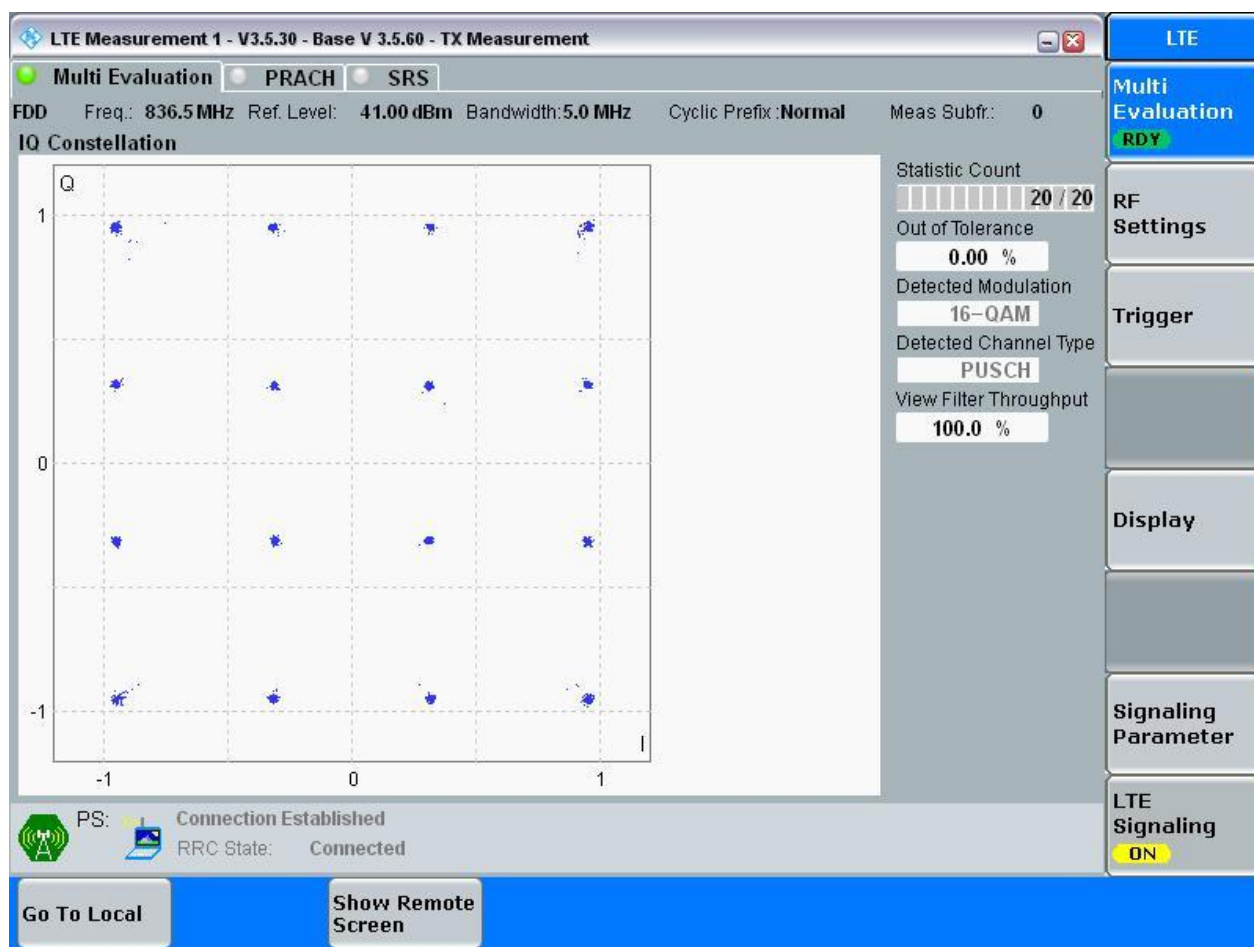
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

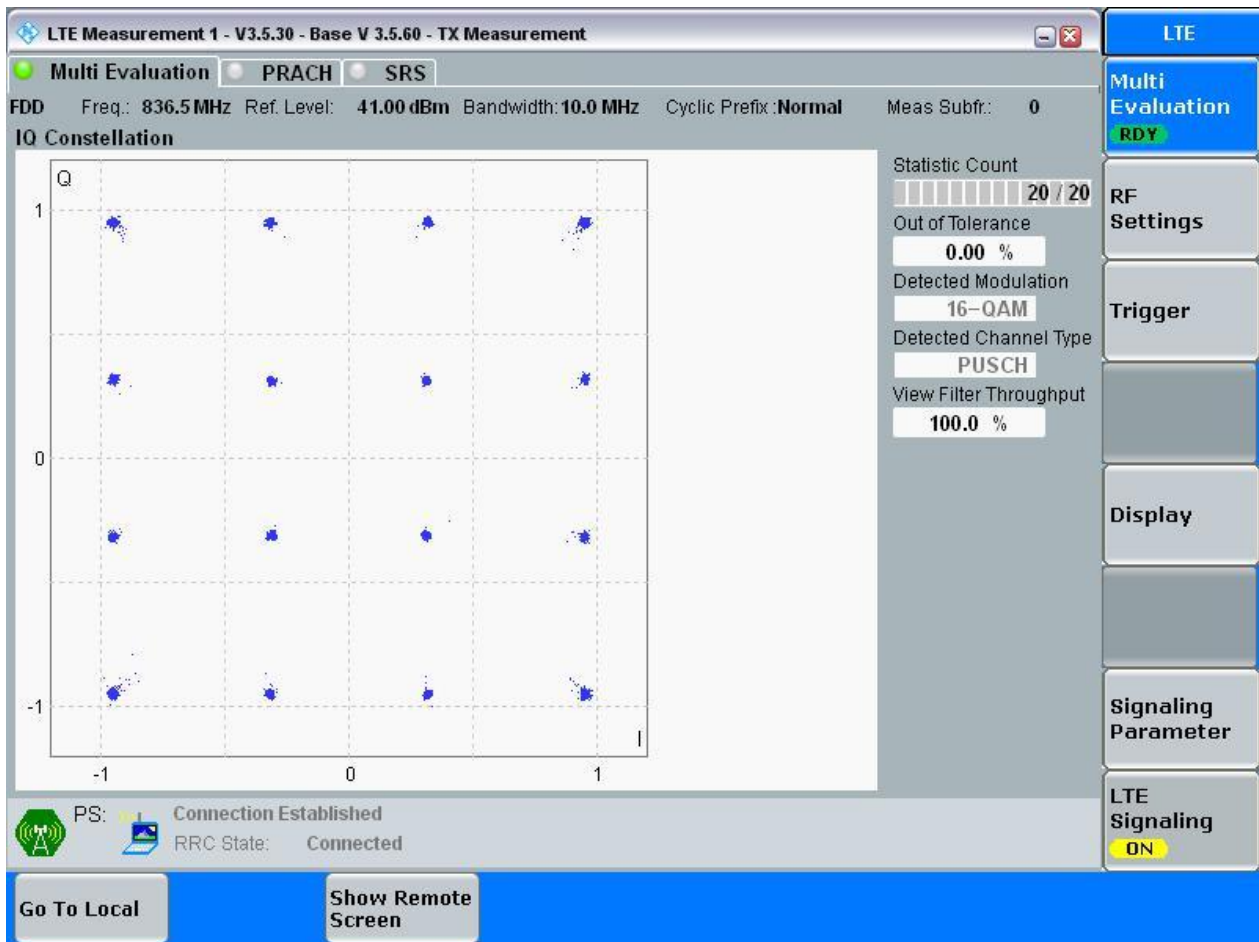
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.29	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.09	1.29	Pass
		3	LCH	RB15#0	2.69	2.92	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.69	2.92	Pass
		5	LCH	RB25#0	4.54	5.22	Pass
			MCH	RB25#0	4.51	5.16	Pass
			HCH	RB25#0	4.51	5.19	Pass
		10	LCH	RB50#0	9.02	10.17	Pass
			MCH	RB50#0	9.00	10.15	Pass
			HCH	RB50#0	9.02	10.09	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.31	Pass
			MCH	RB6#0	1.09	1.30	Pass
			HCH	RB6#0	1.09	1.28	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.69	2.94	Pass
			HCH	RB15#0	2.69	2.92	Pass
		5	LCH	RB25#0	4.53	5.22	Pass
			MCH	RB25#0	4.51	5.12	Pass
			HCH	RB25#0	4.52	5.21	Pass
		10	LCH	RB50#0	9.01	10.31	Pass
			MCH	RB50#0	9.03	10.16	Pass
			HCH	RB50#0	9.00	10.15	Pass



Part II - Test Plots

4.1 For LTE

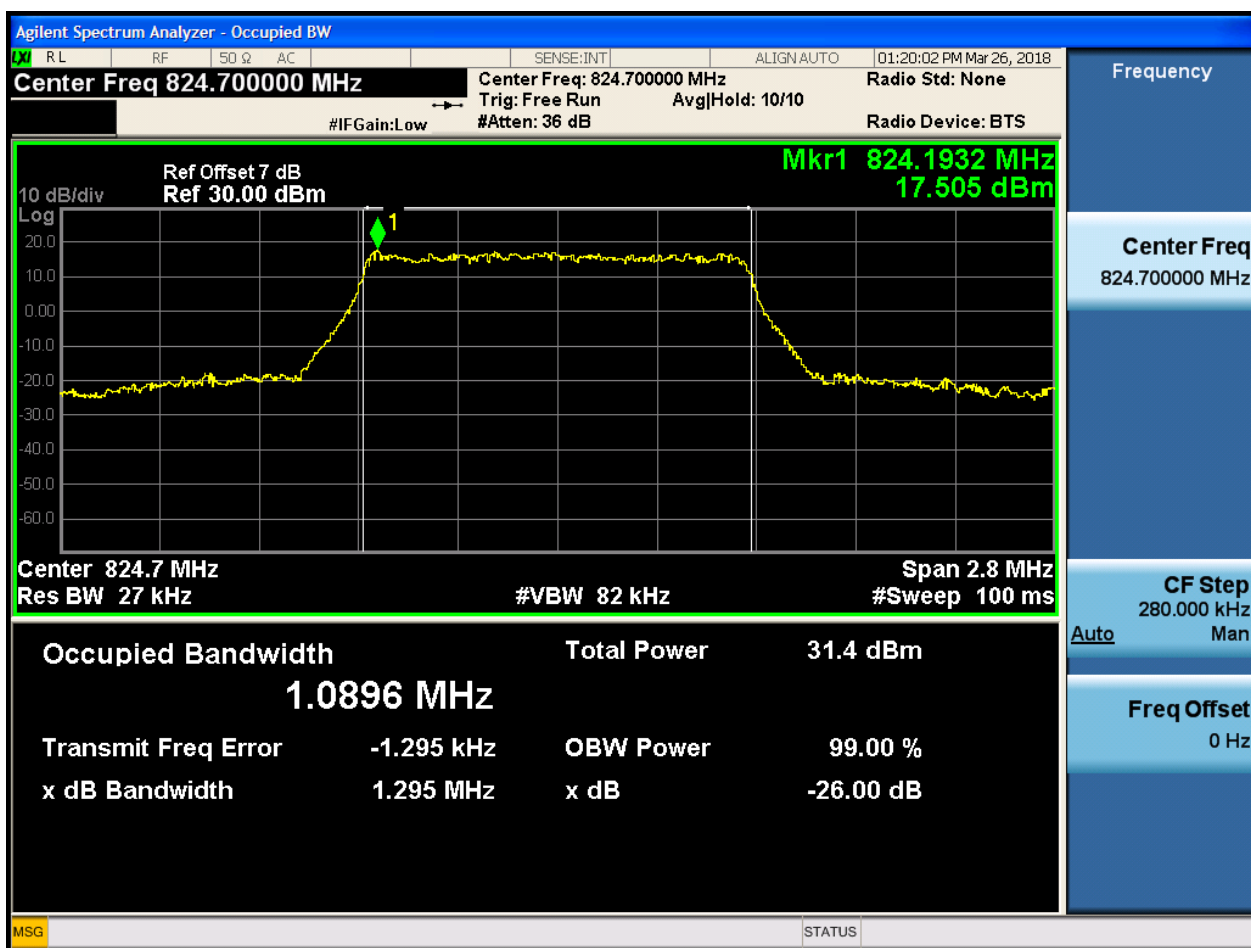
4.1.1 Test Band = BAND5

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

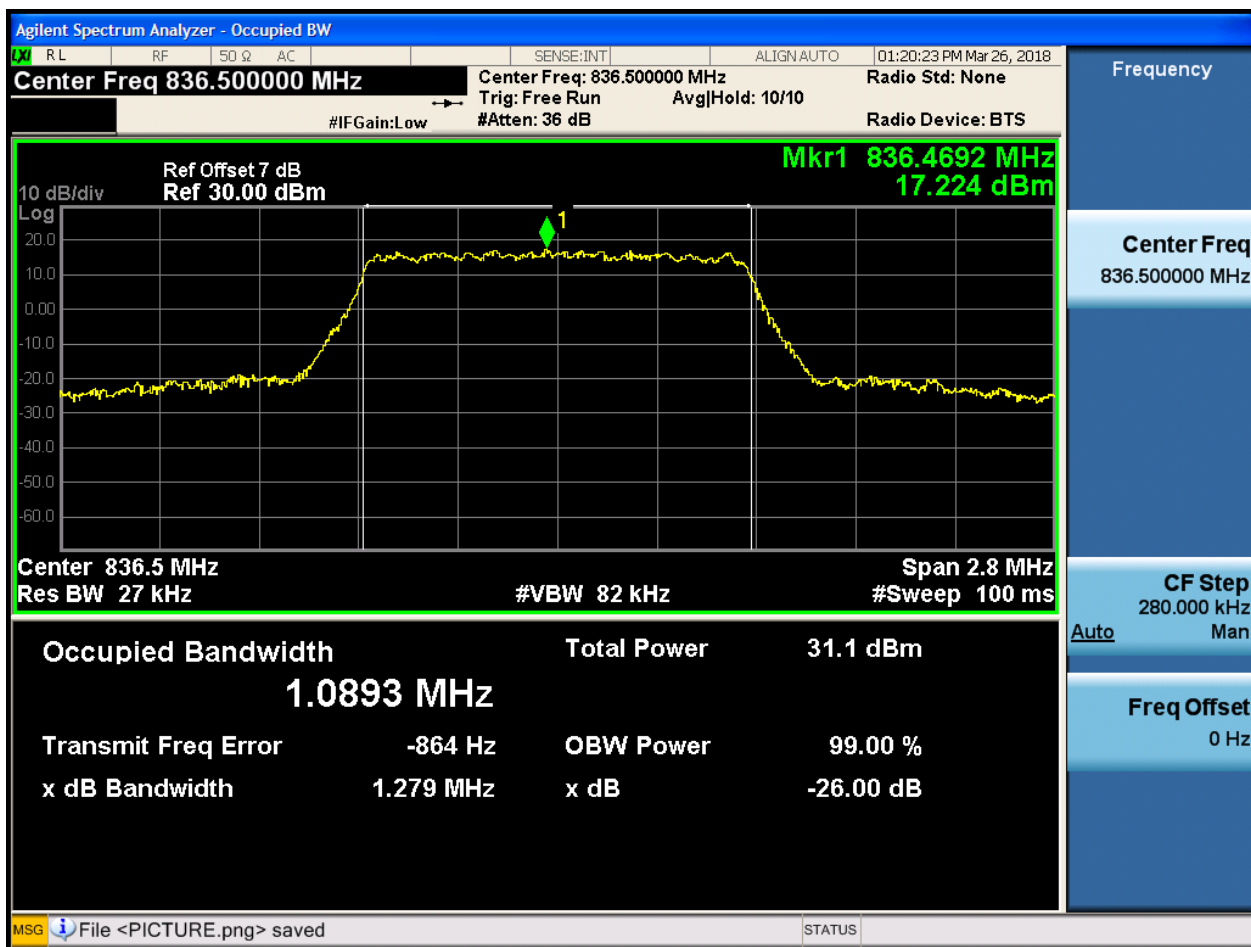
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



4.1.1.1.1.2 Test Channel = MCH

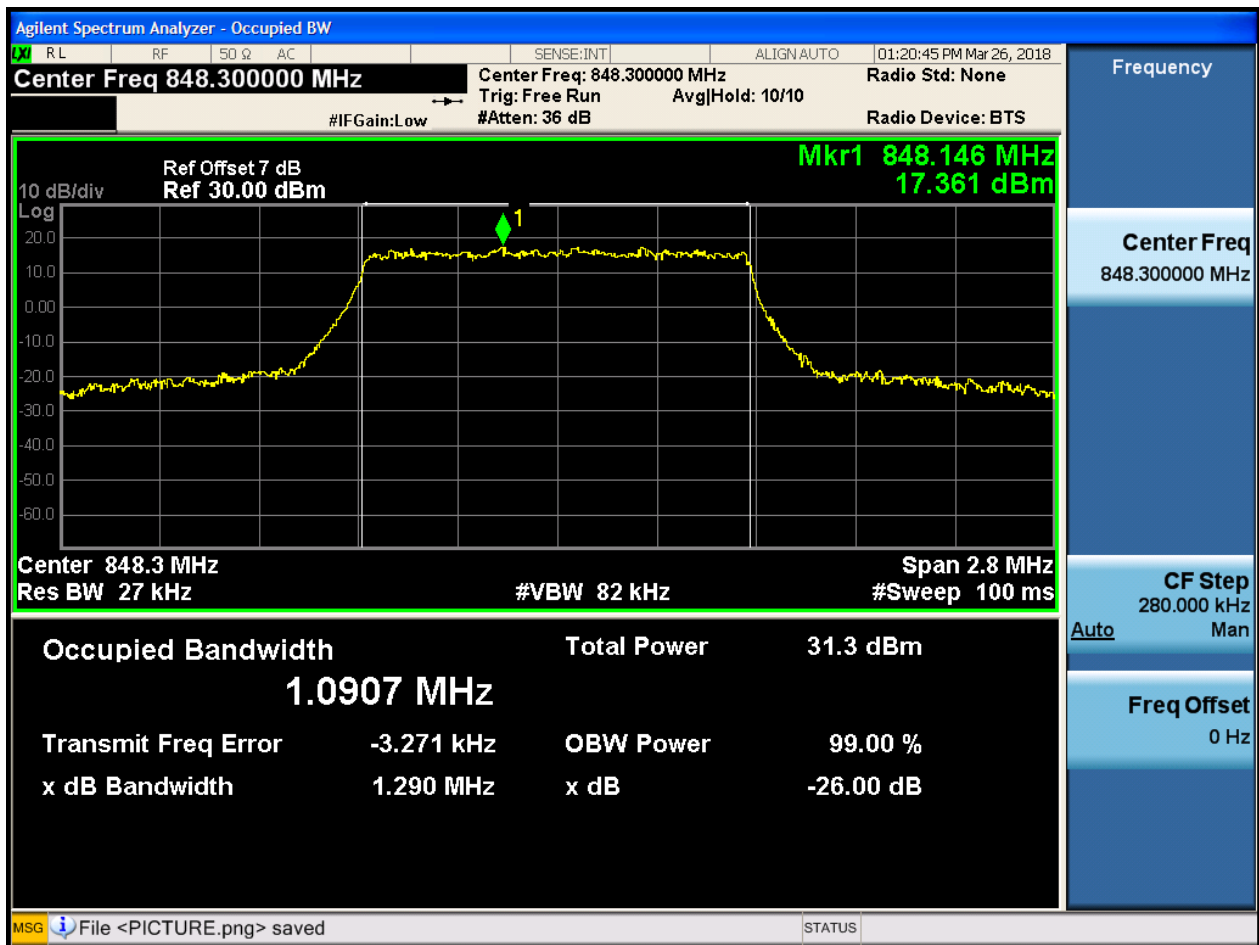
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

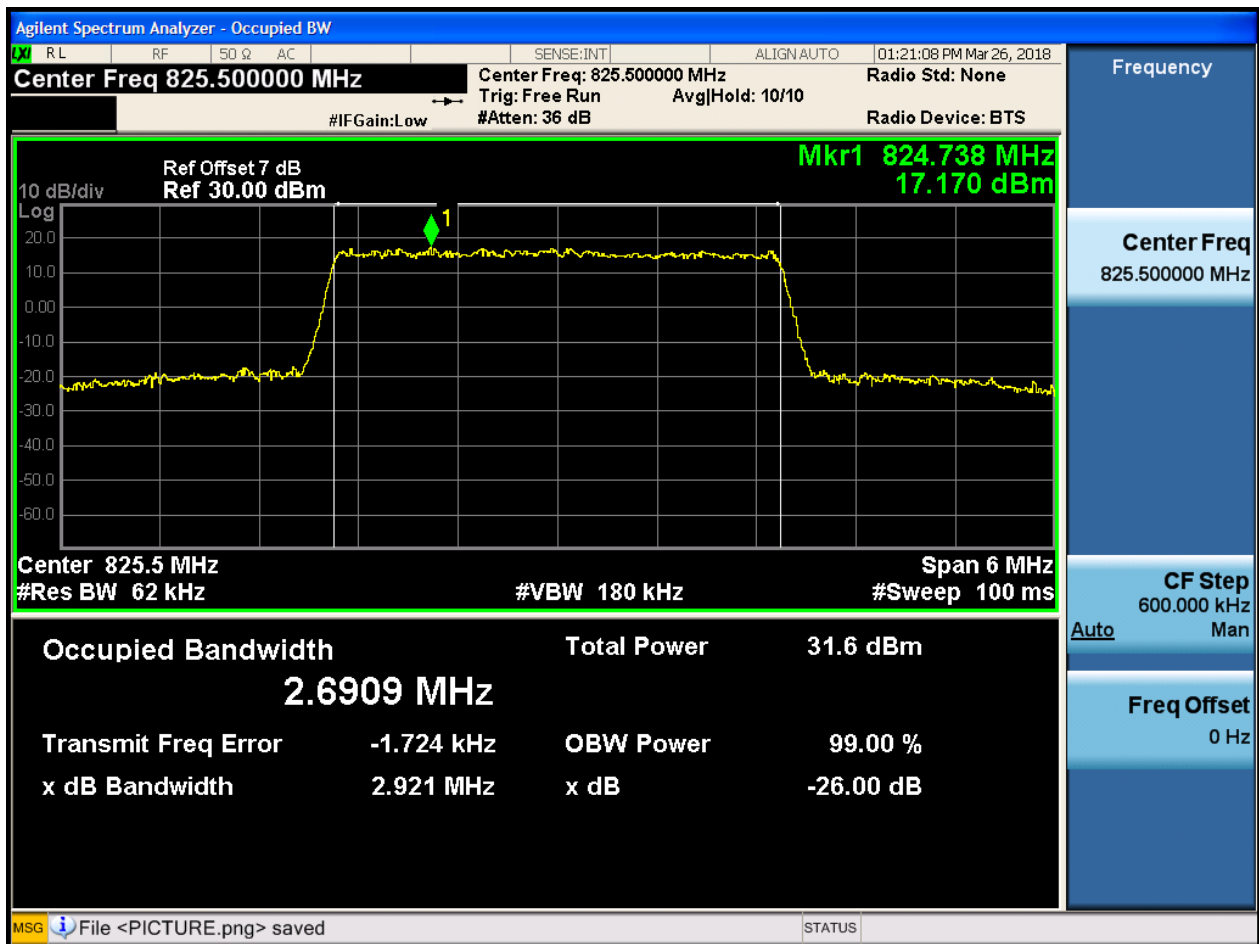




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

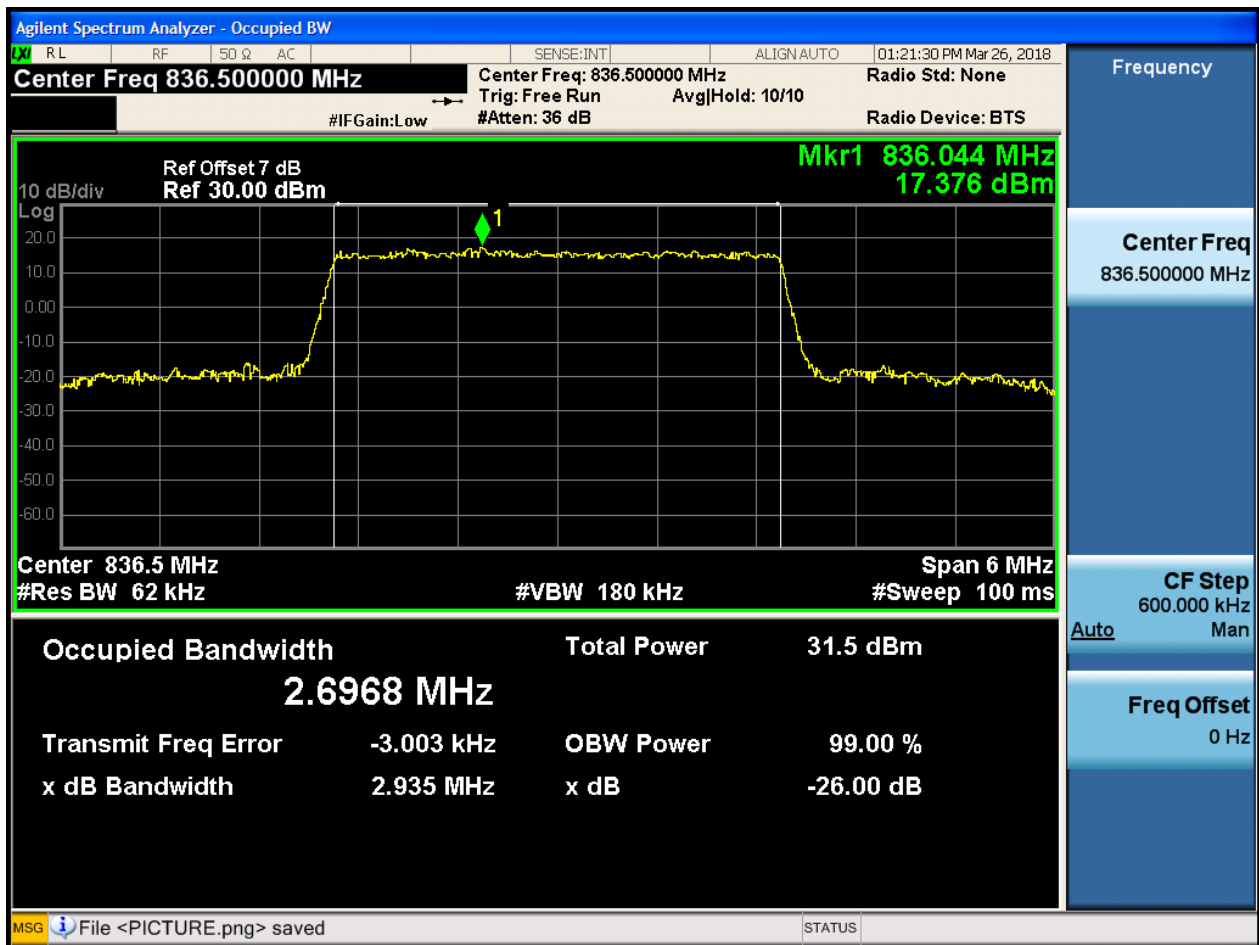
4.1.1.1.2.1.1 Test RB = RB15#0





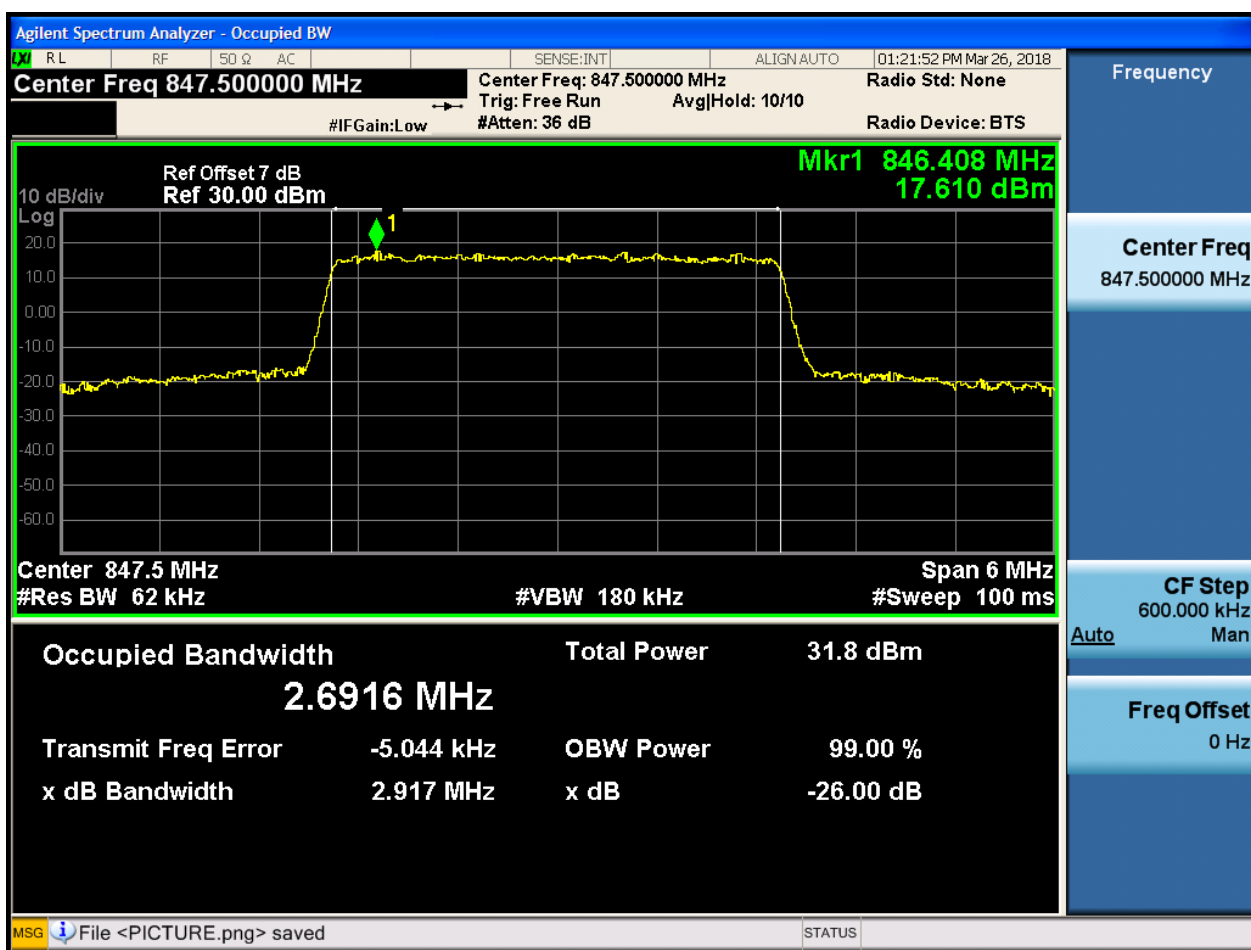
4.1.1.1.2.2 Test Channel = MCH

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

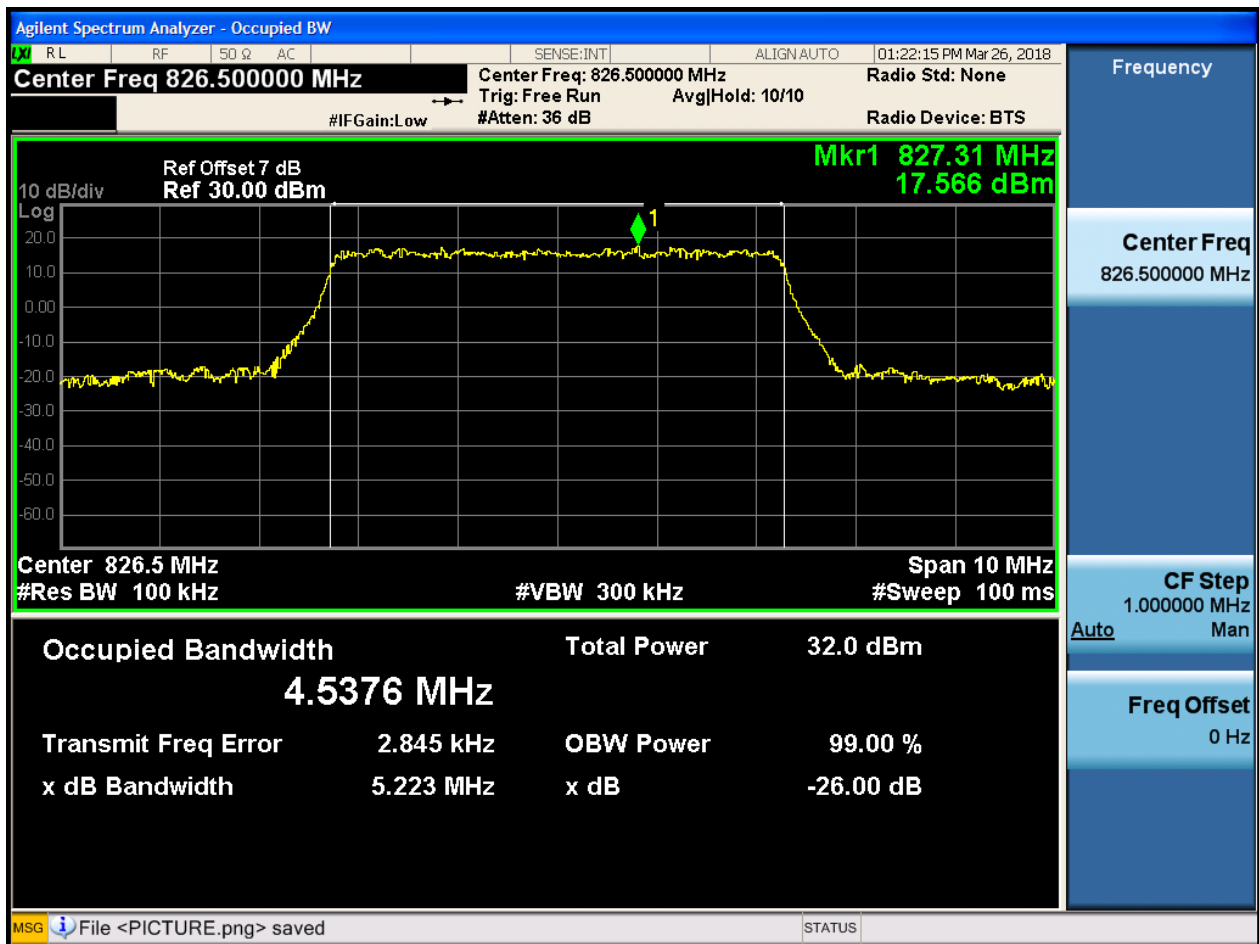




4.1.1.1.3 Test Bandwidth = 5

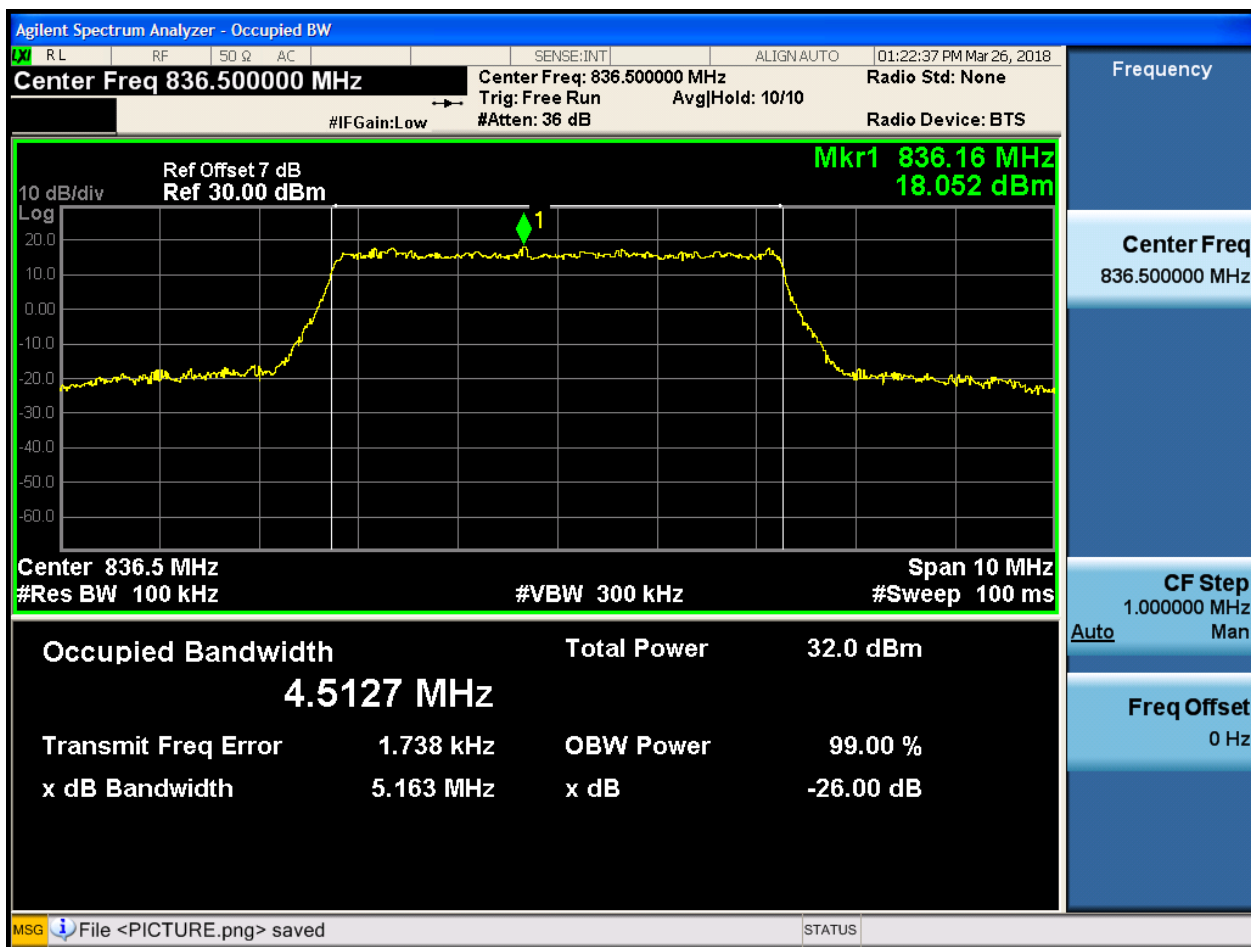
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



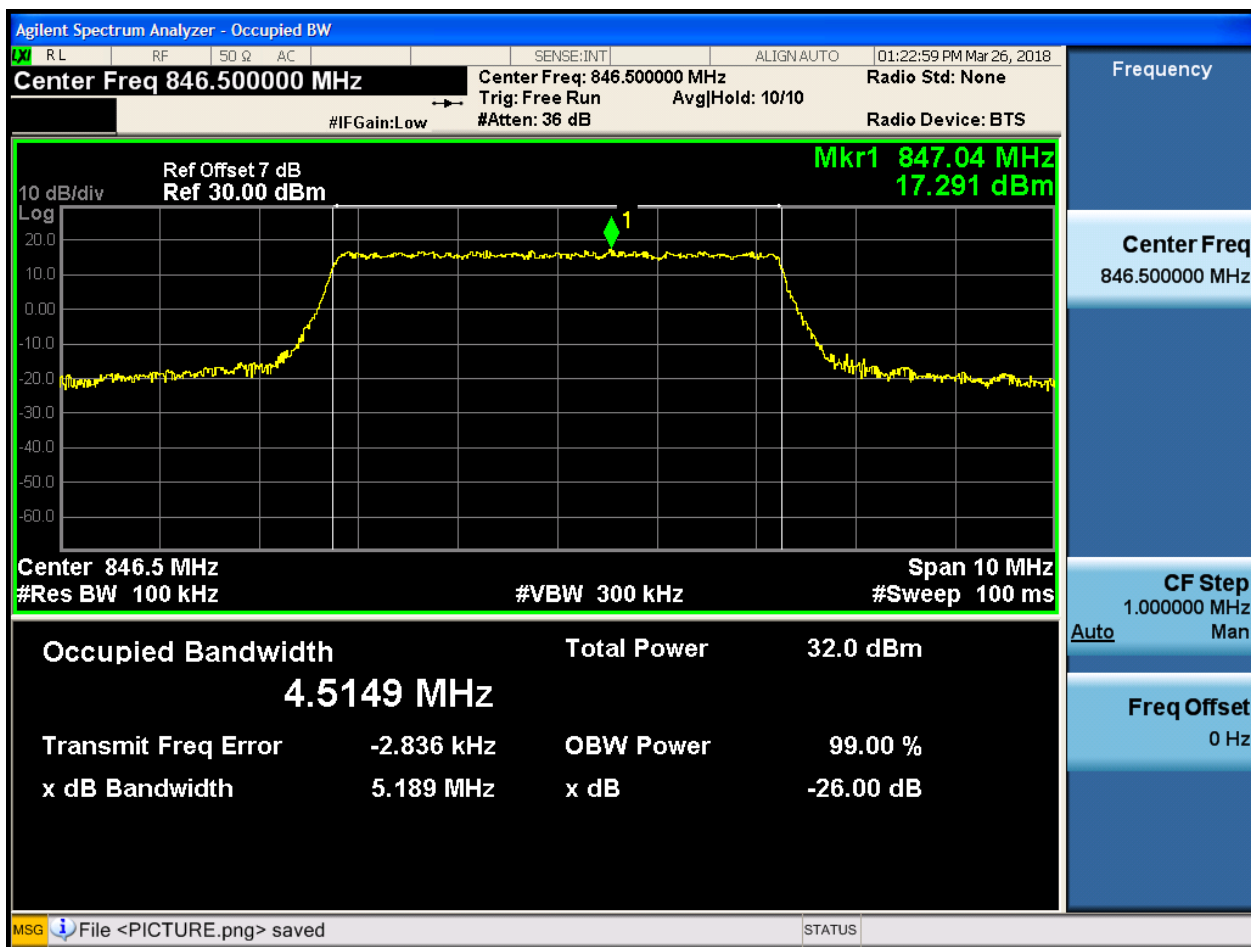
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

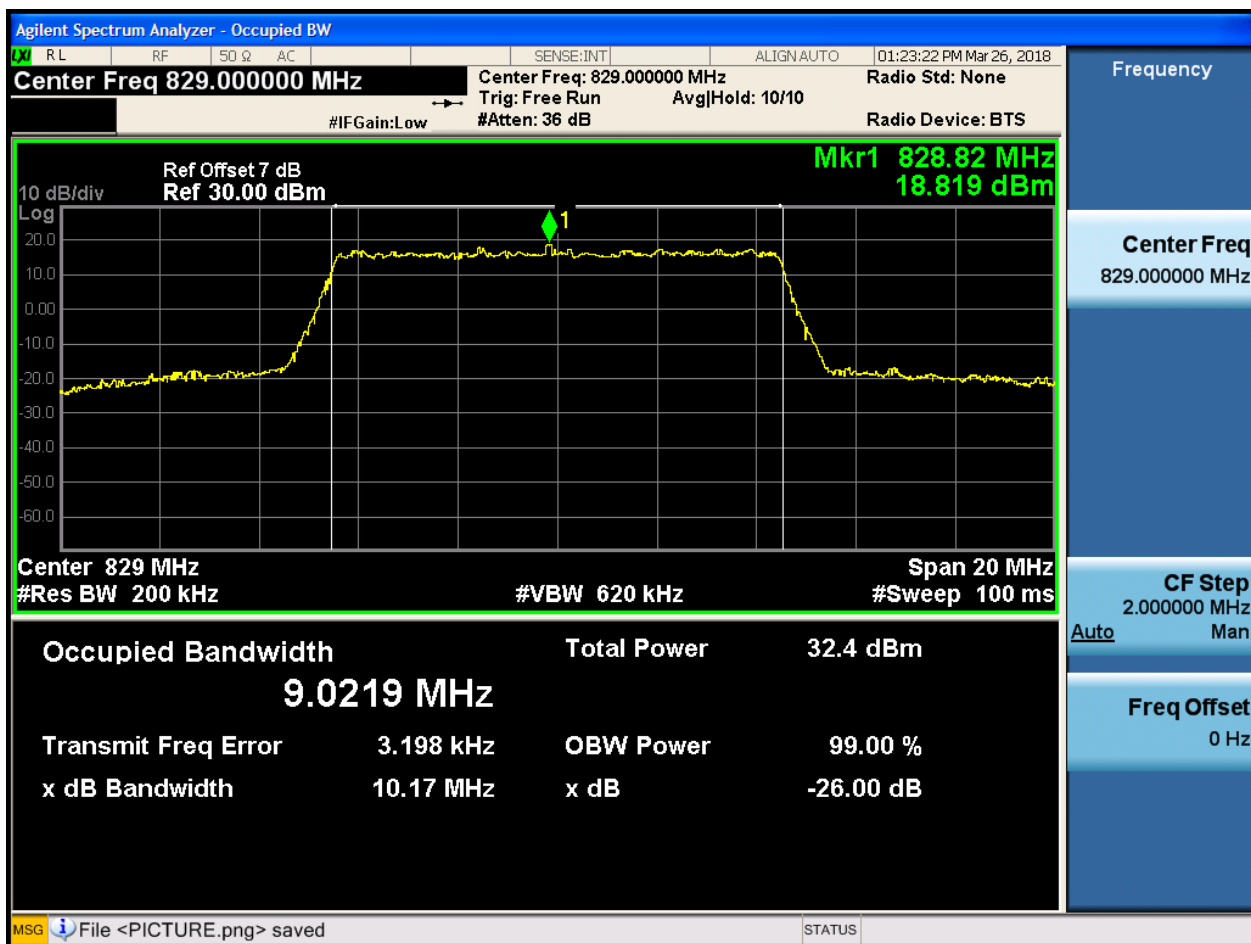
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

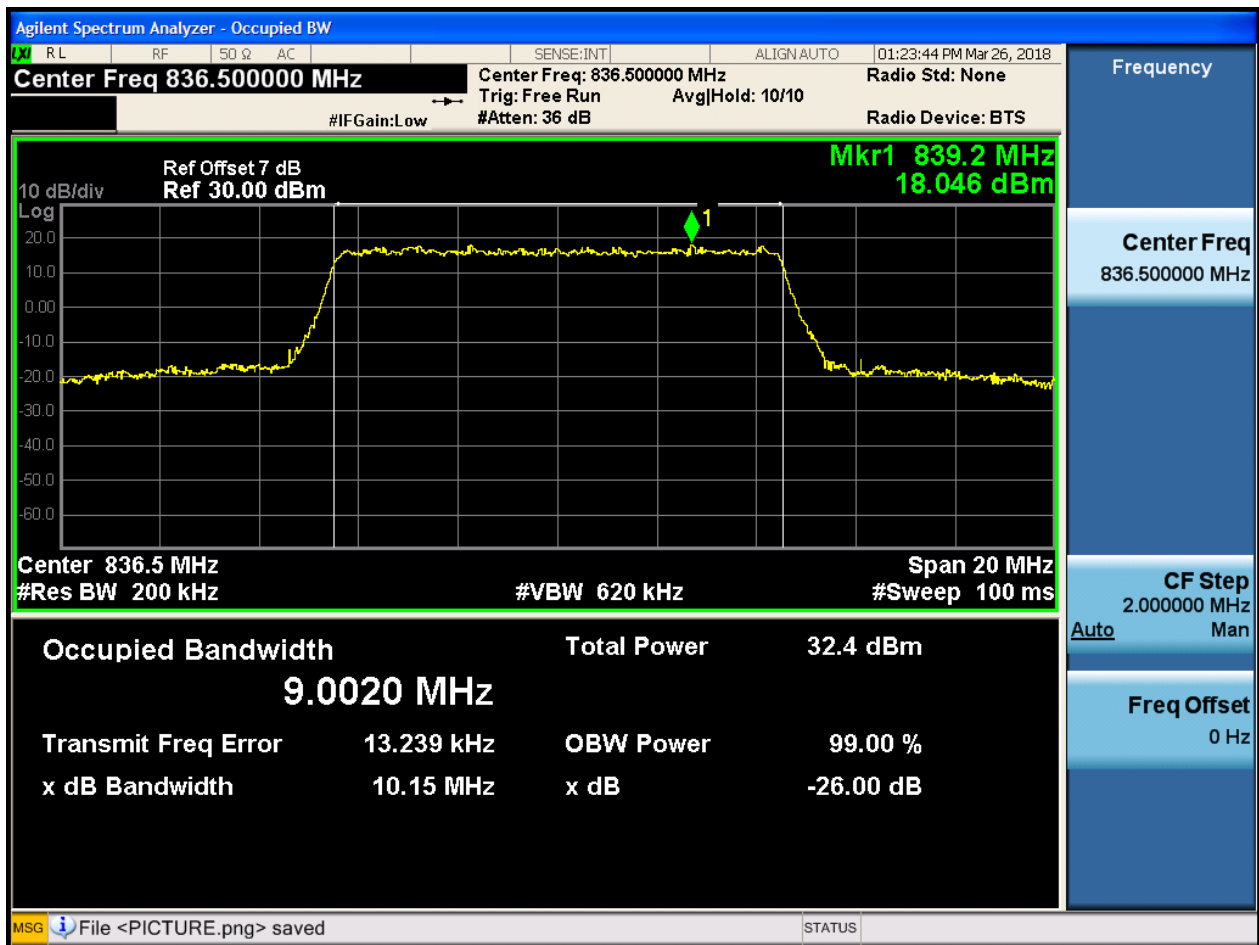
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



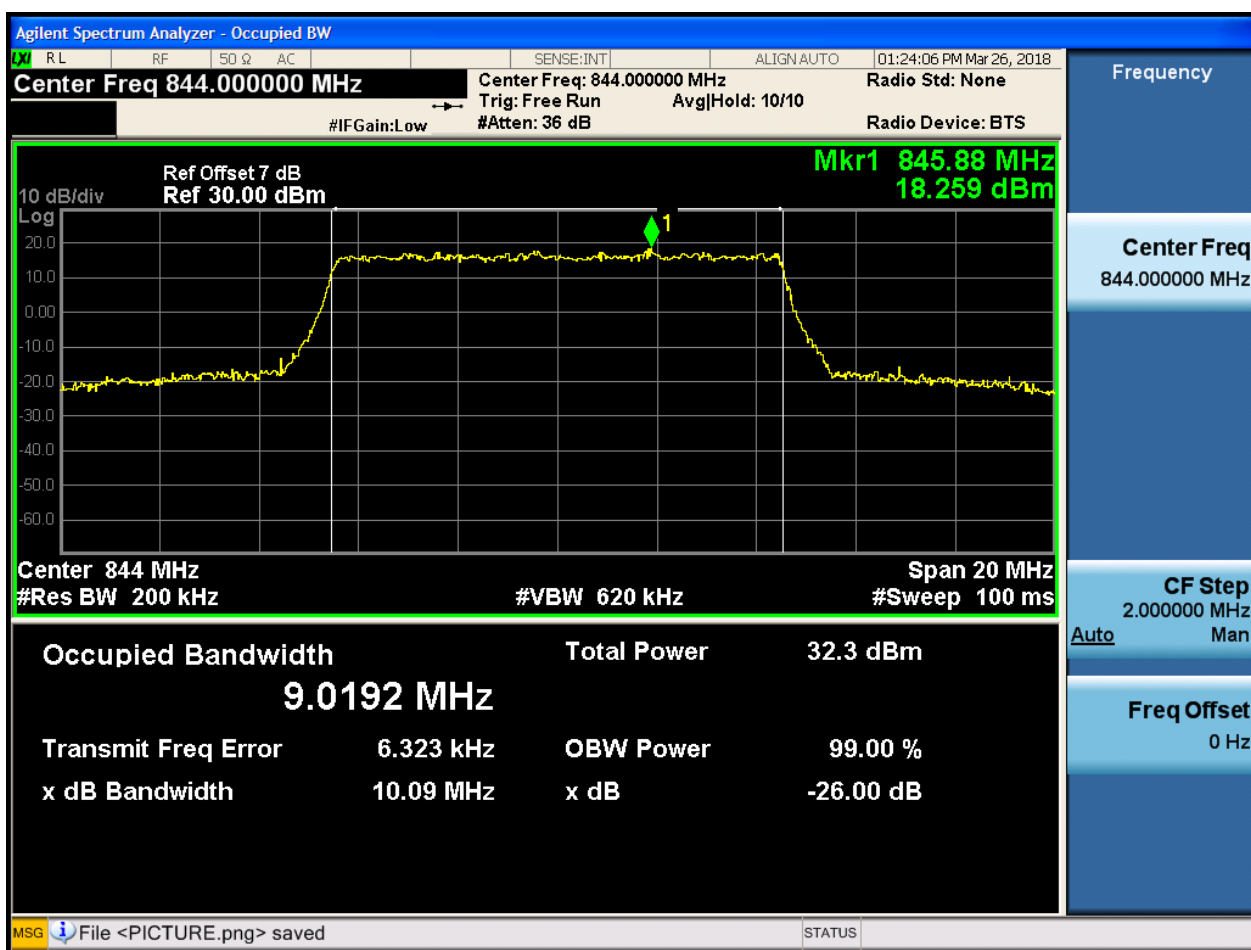
4.1.1.1.4.2 Test Channel = MCH

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

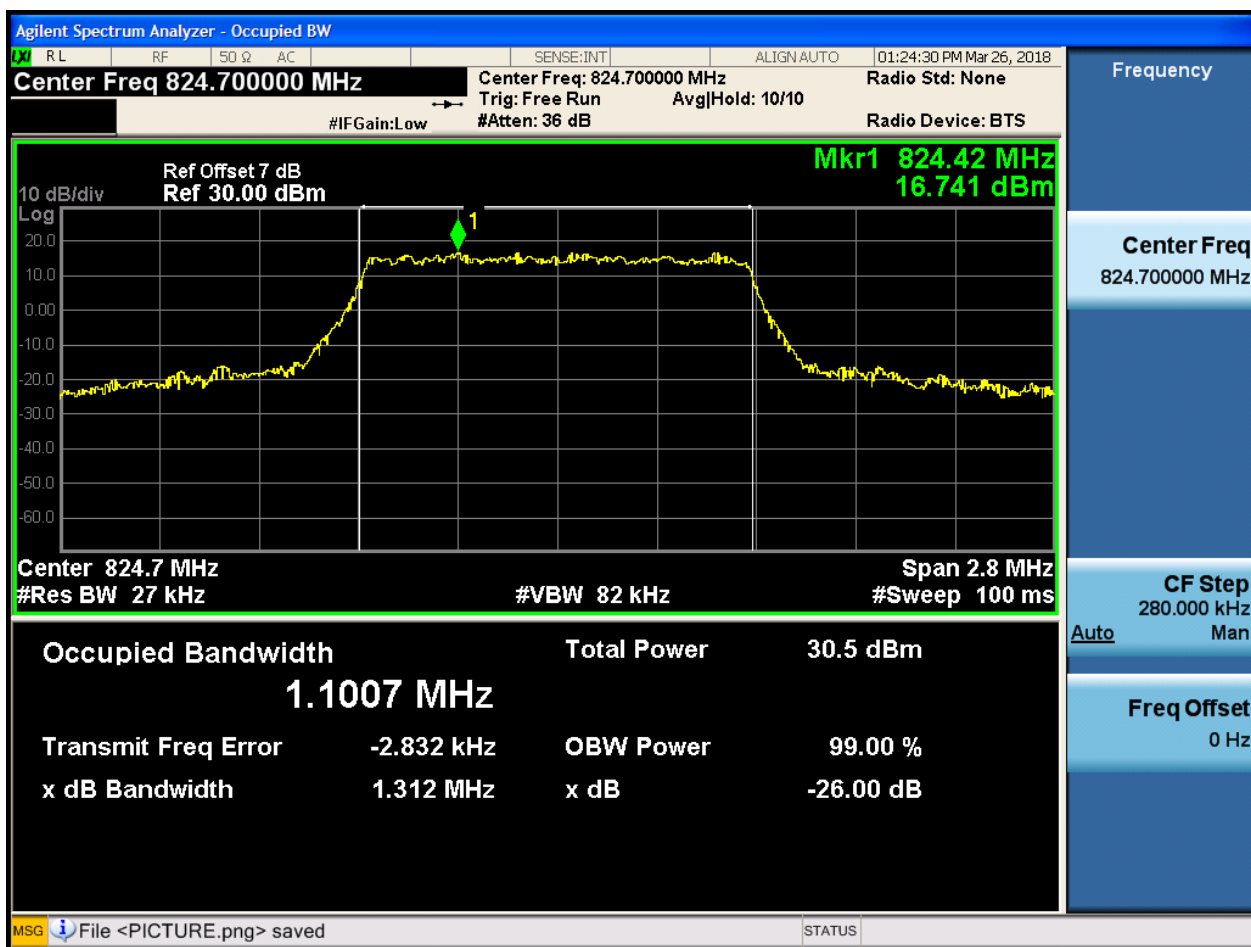


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

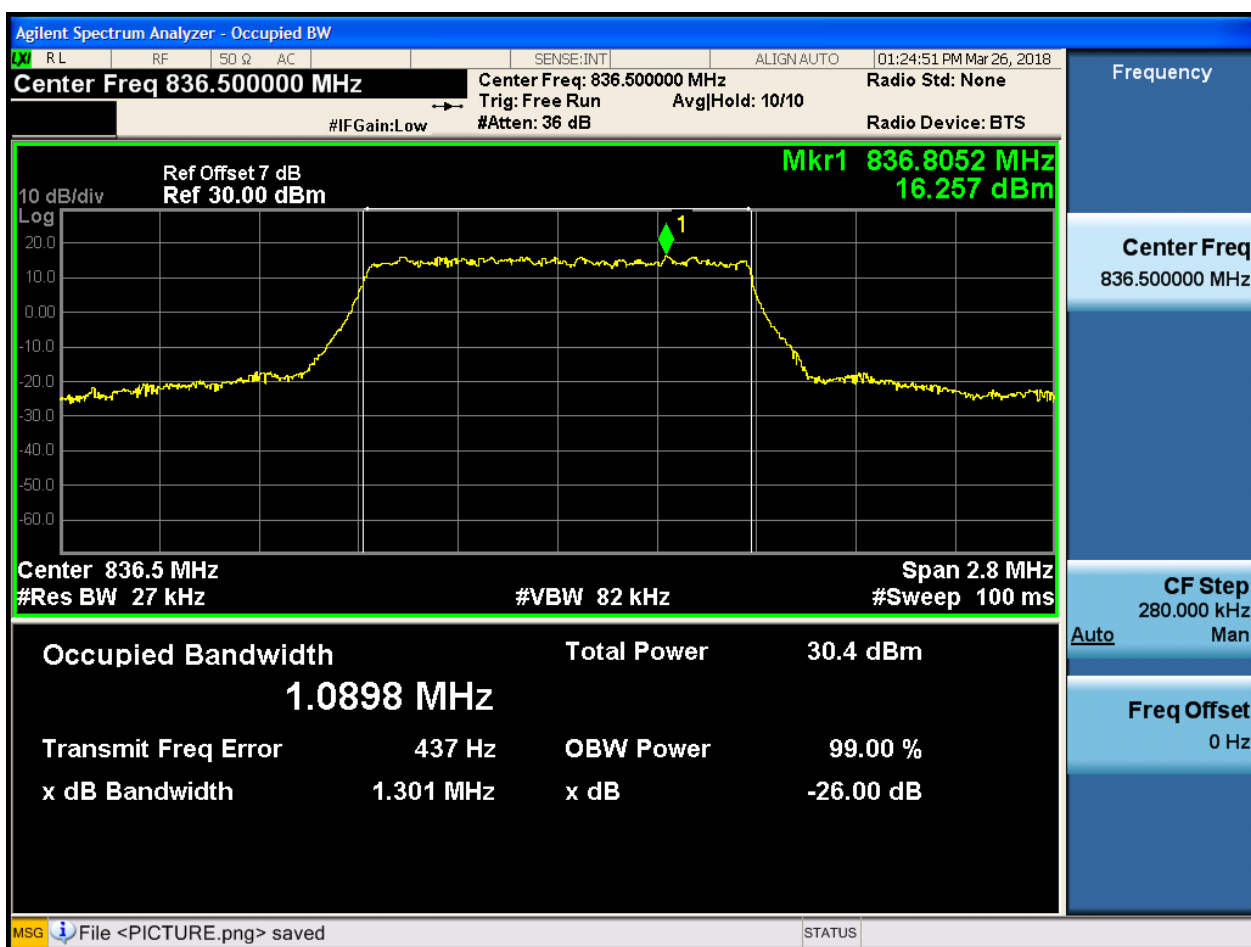
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



4.1.1.2.1.2 Test Channel = MCH

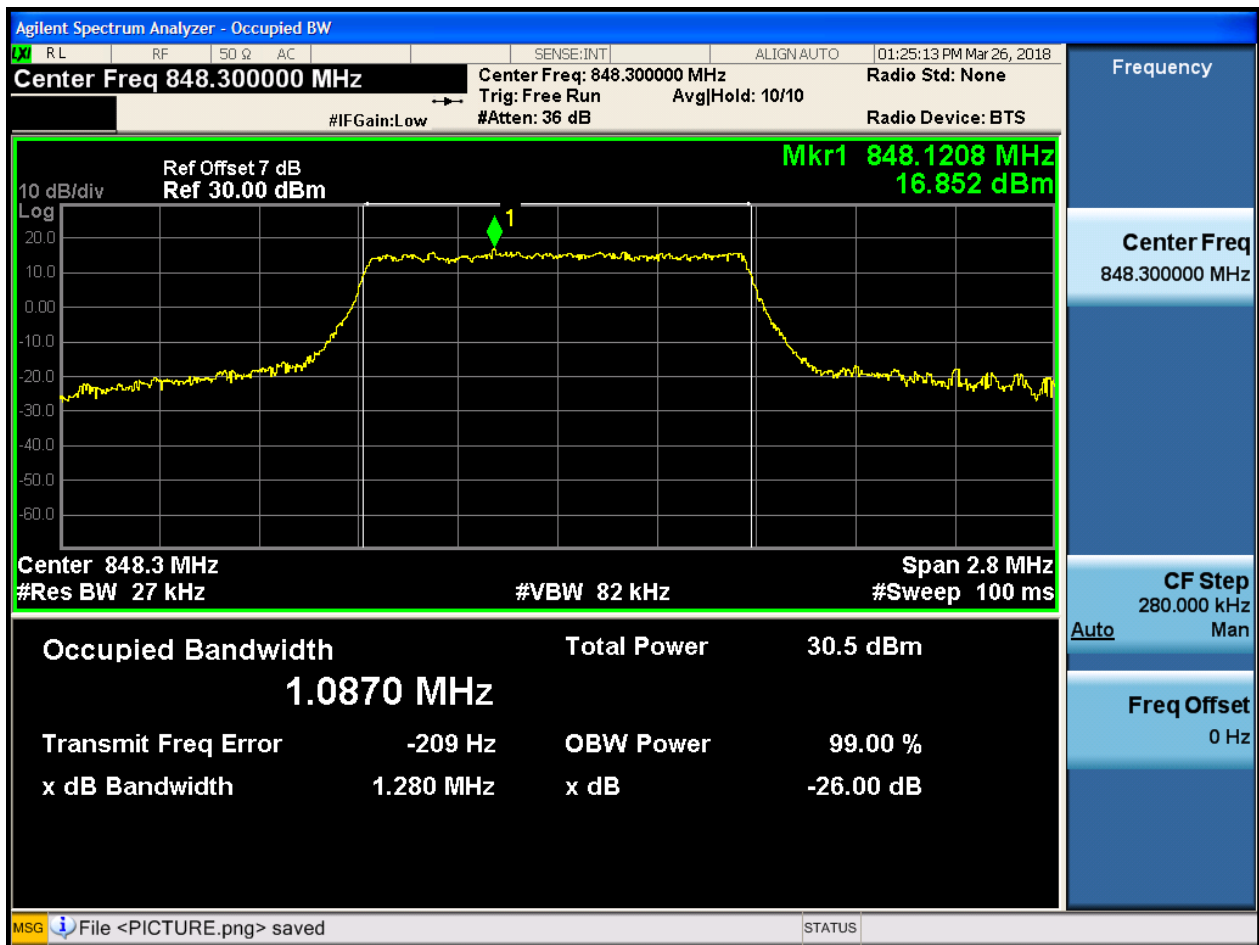
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

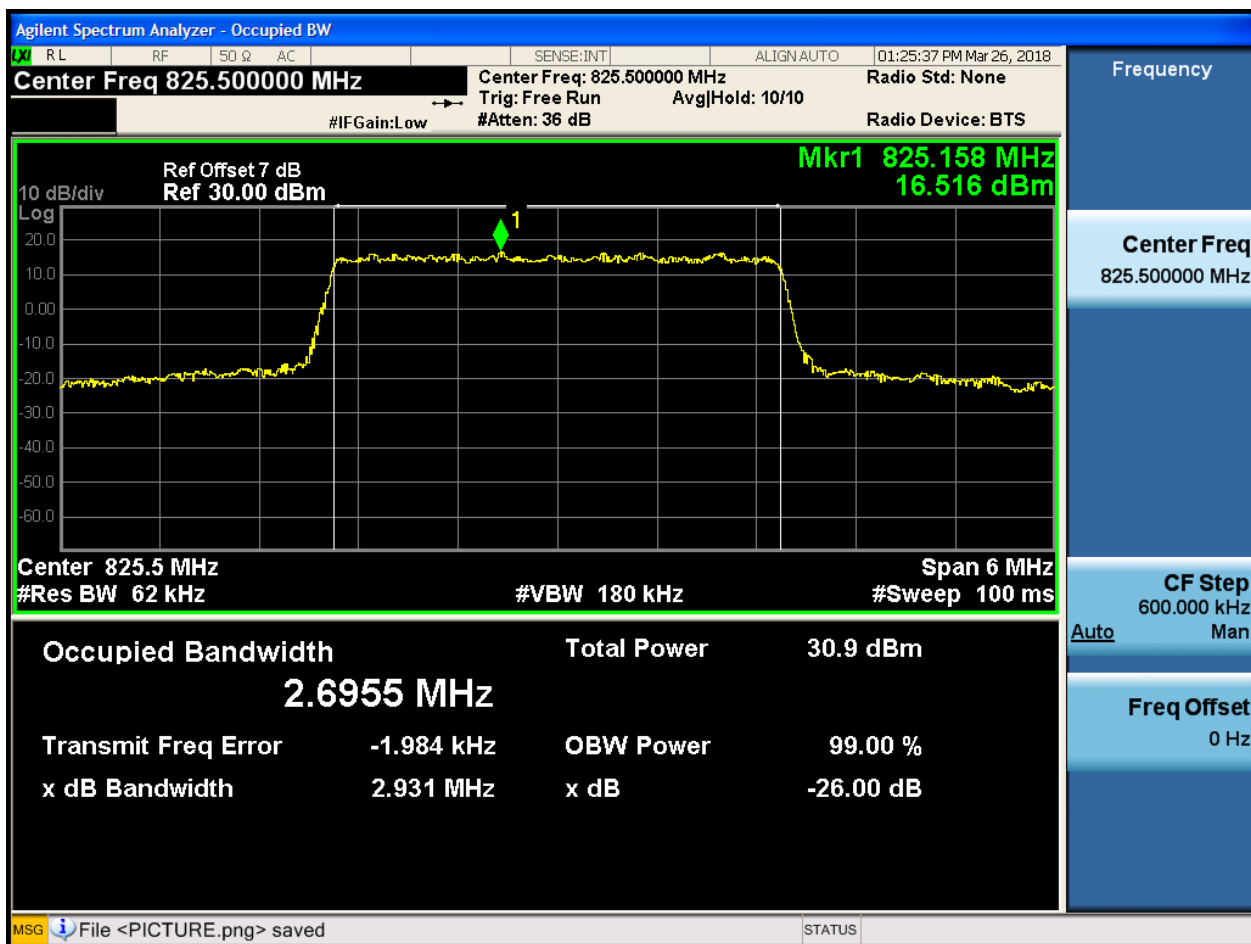




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

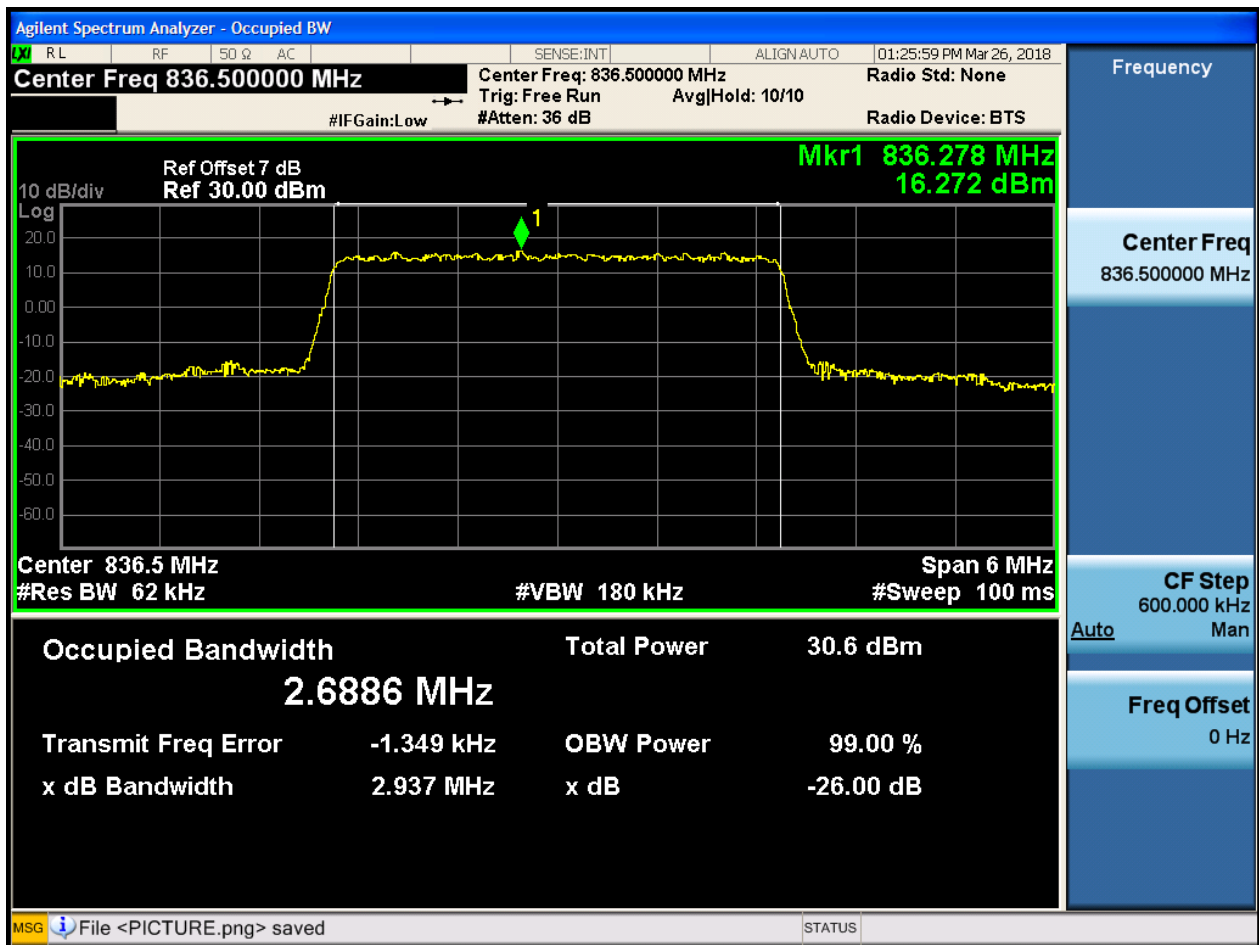
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

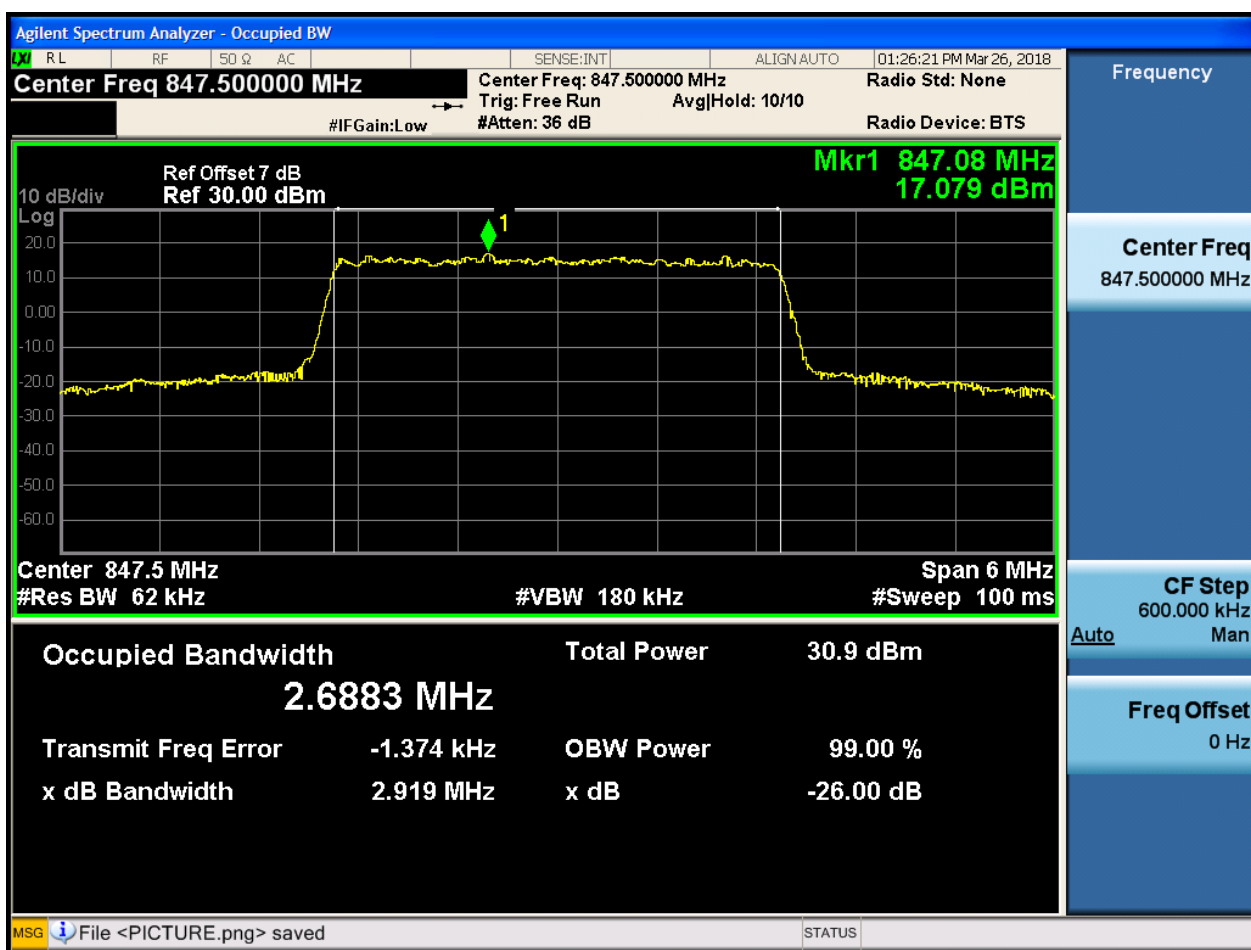
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

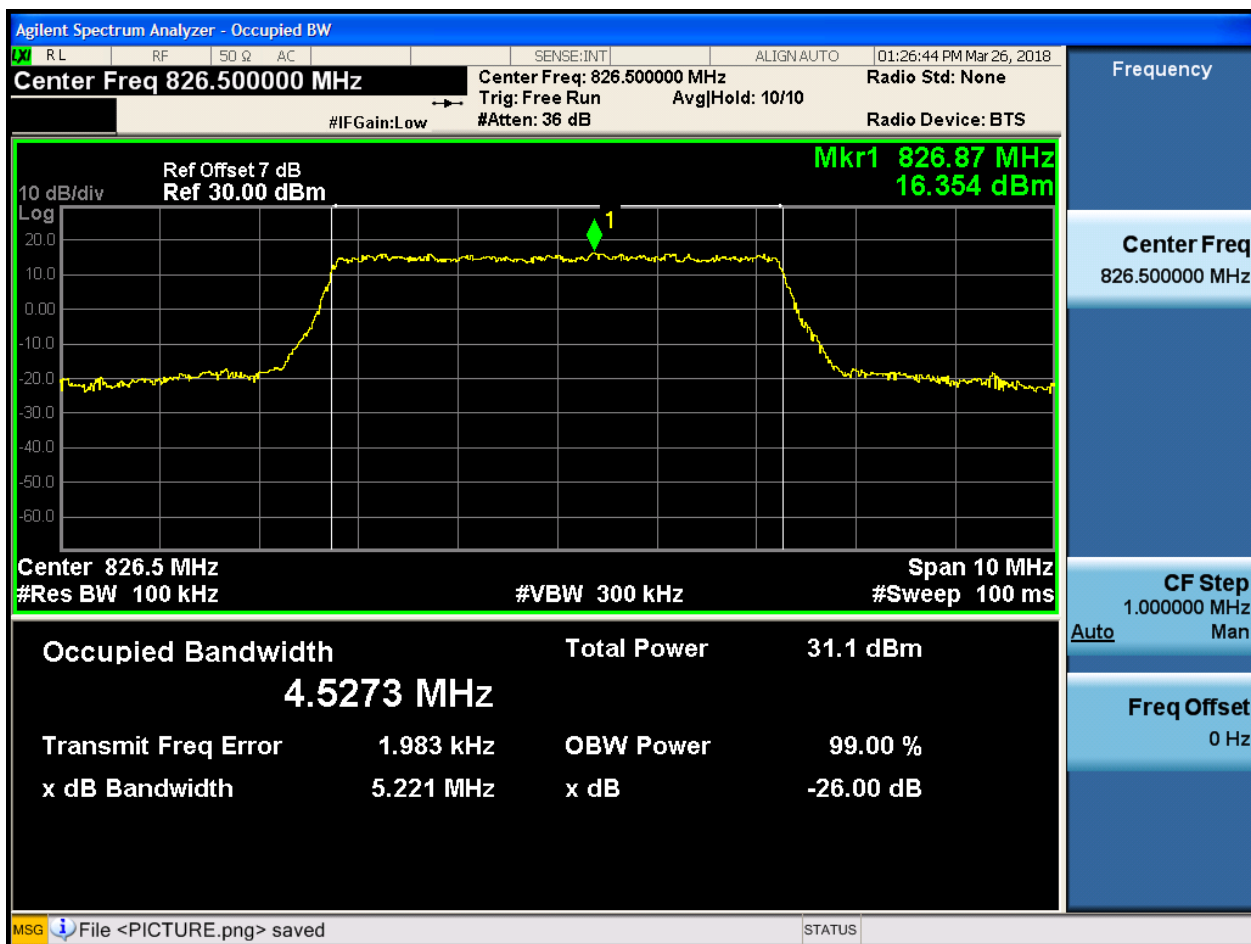
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

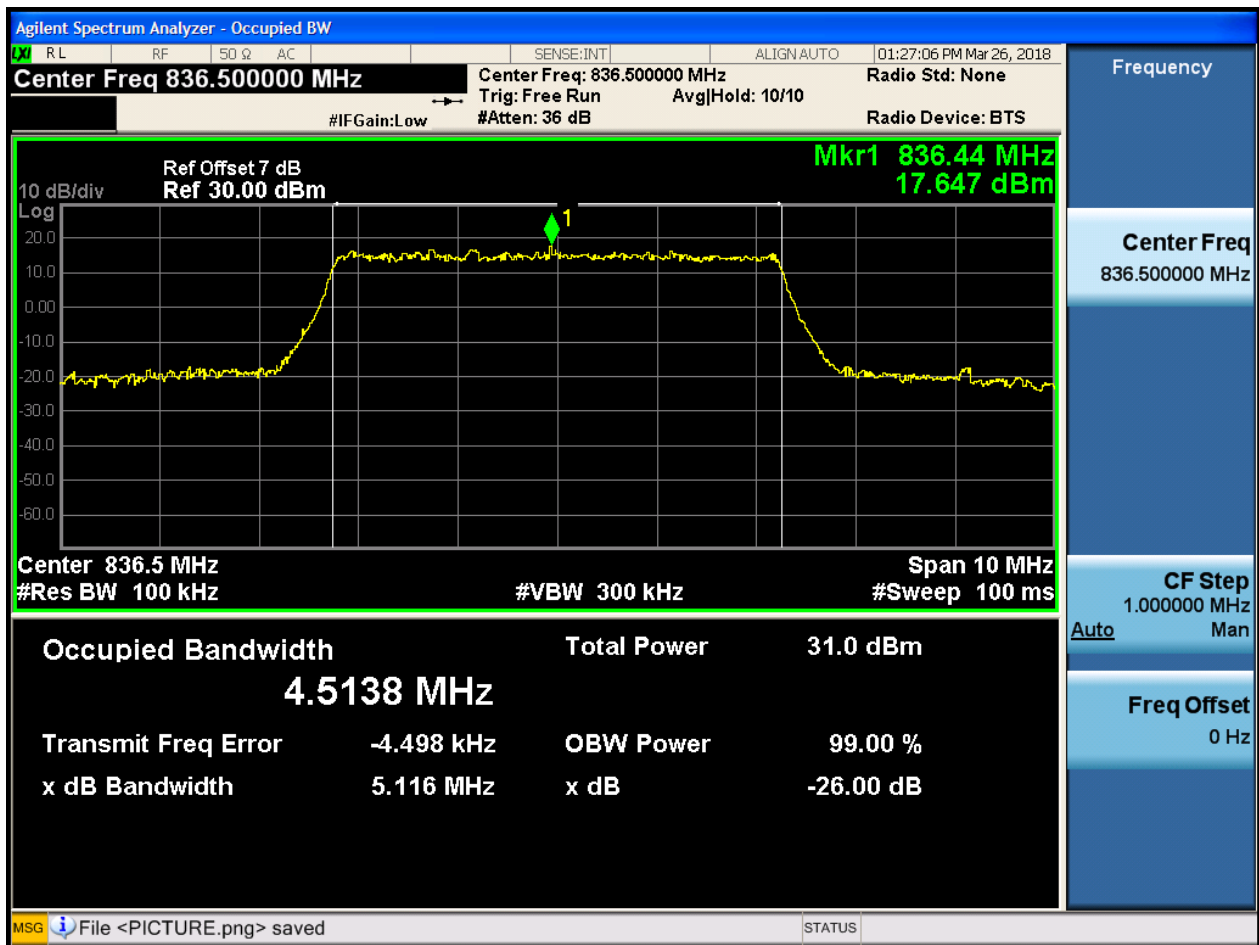
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

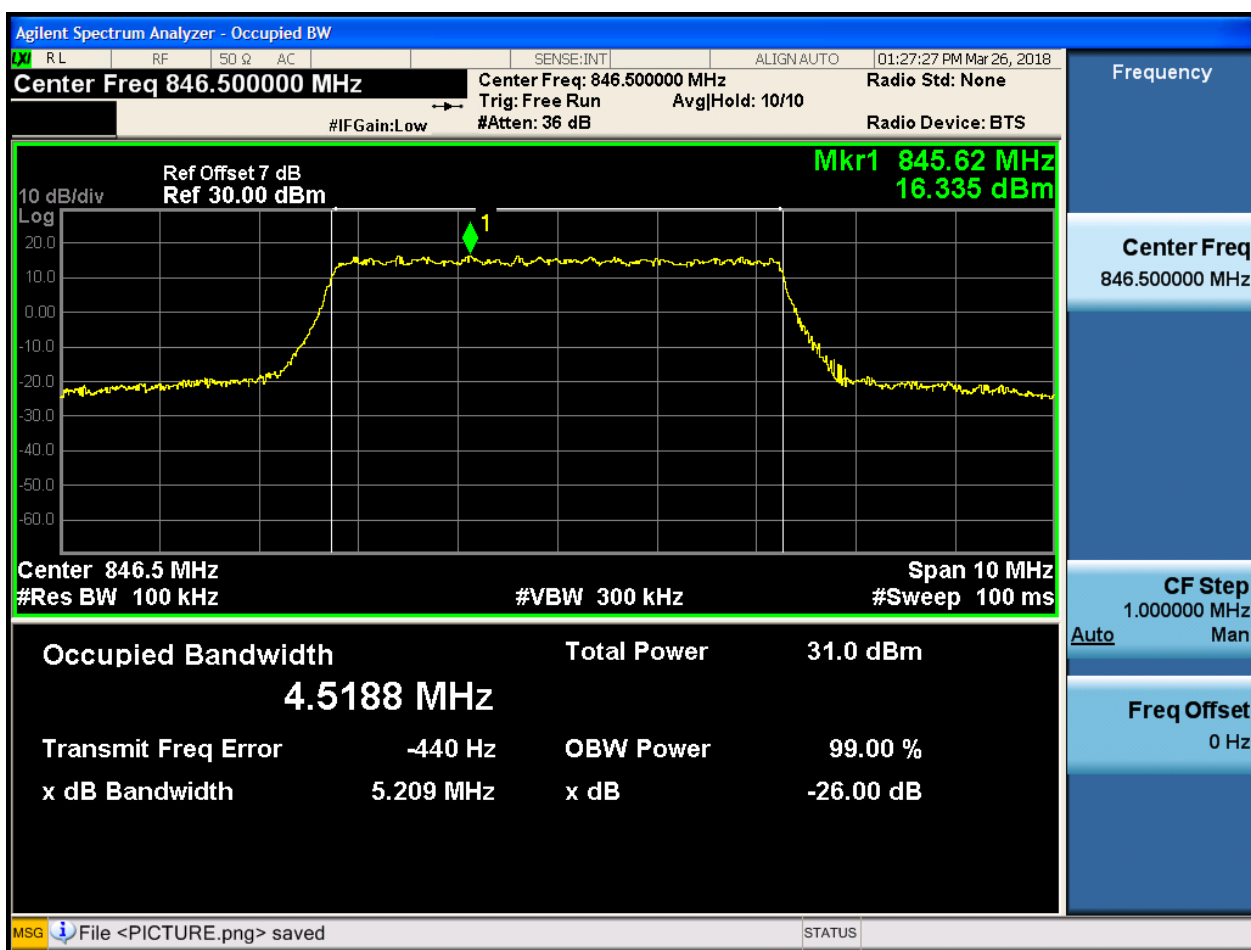
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

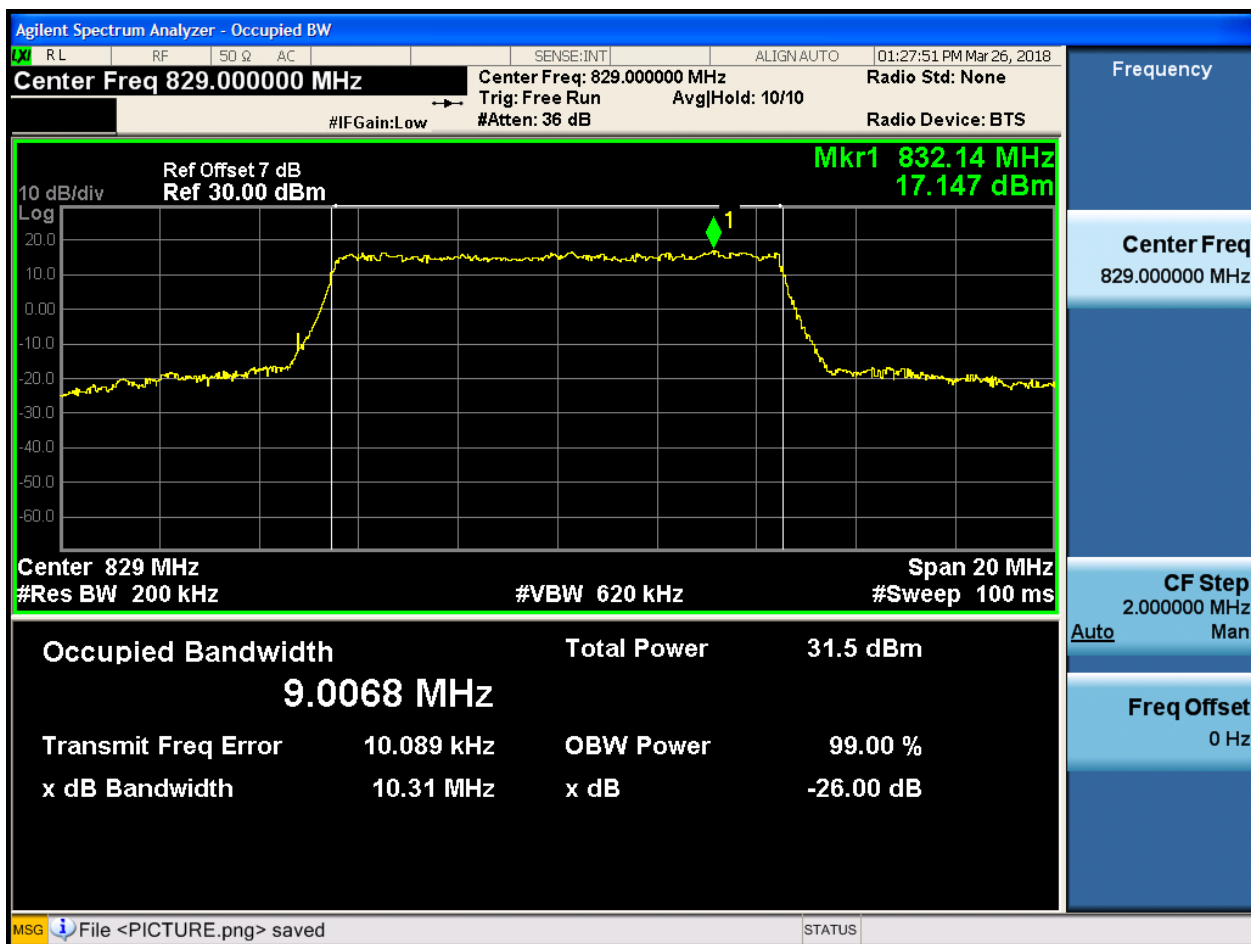




4.1.1.2.4 Test Bandwidth = 10

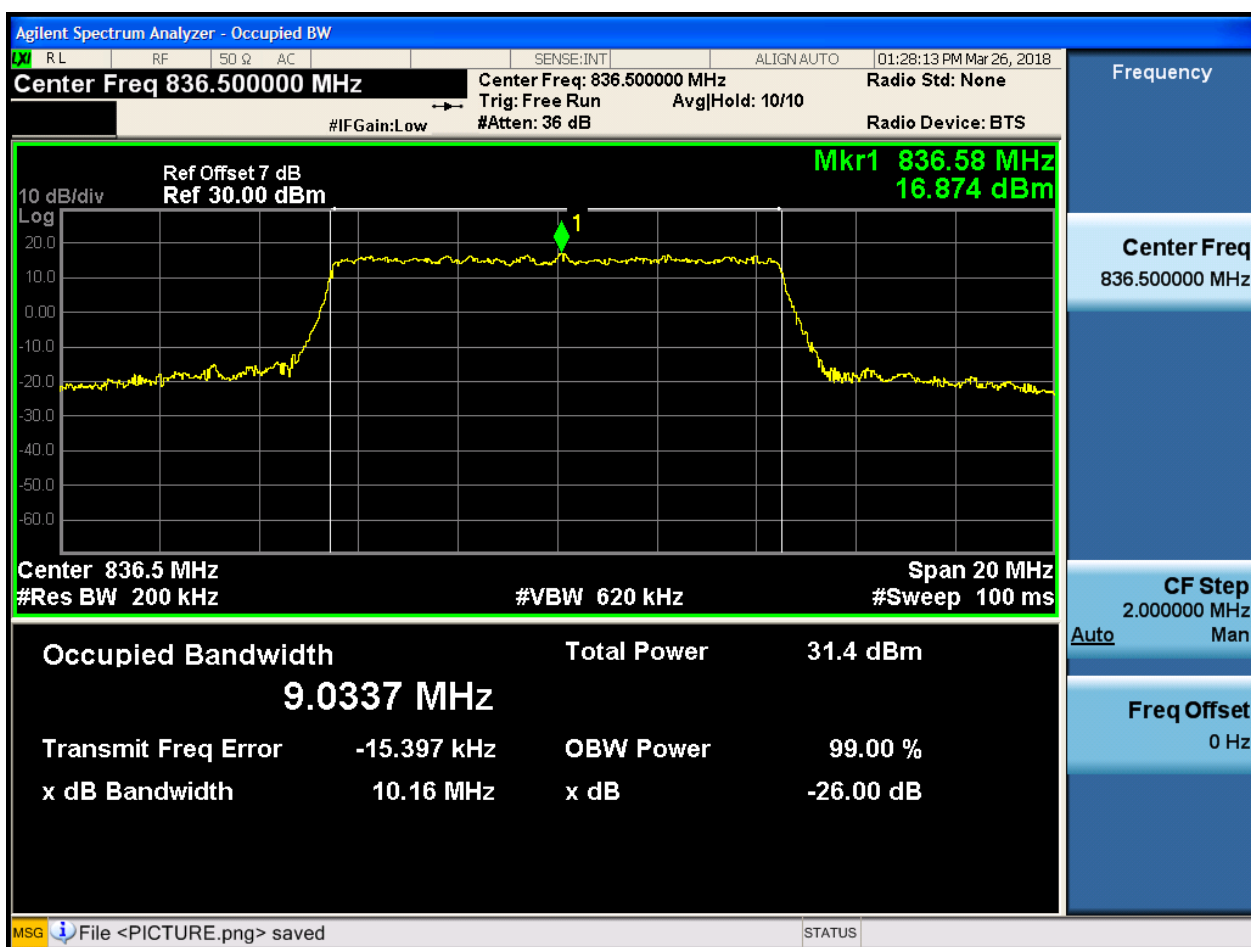
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



4.1.1.2.4.2 Test Channel = MCH

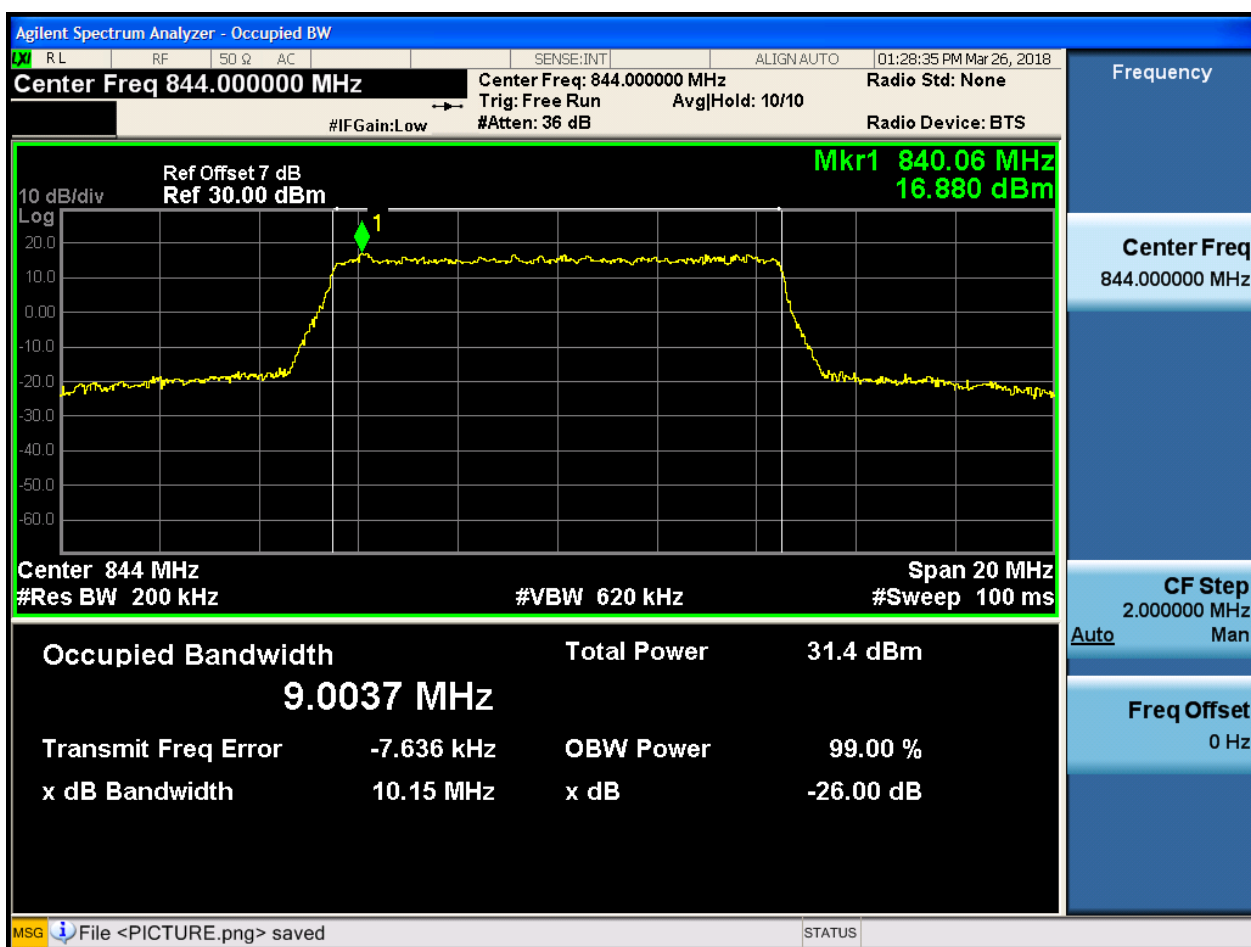
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

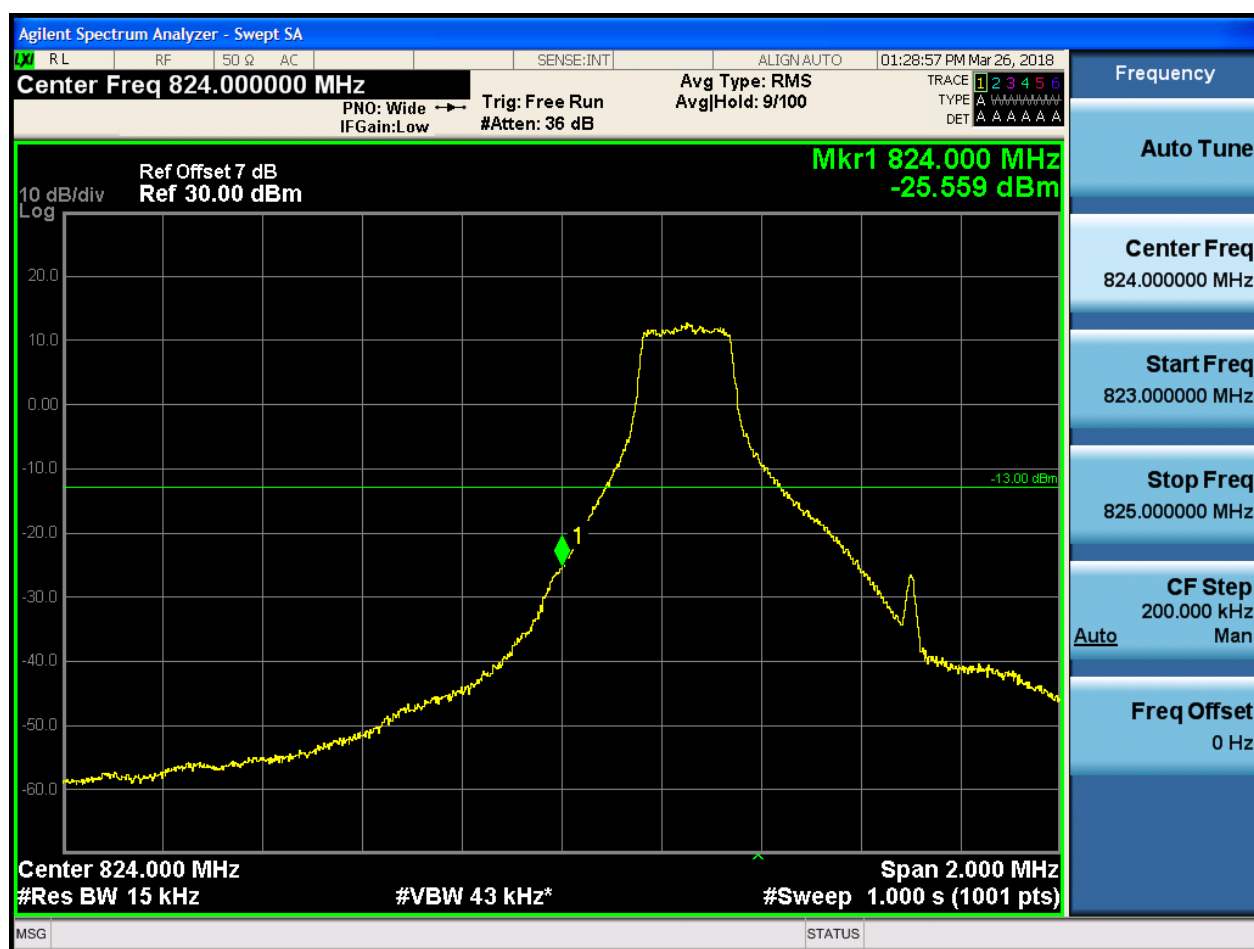
5.1.1 Test Band = BAND5

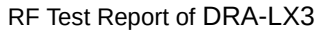
5.1.1.1 Test Mode = LTE/TM1

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 01:29:13 PM Mar 26, 2018

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 A A A A A A
 DET A A A A A A

Ref Offset 7 dB
 Ref 30.00 dBm

Mkr1 823.350 MHz
 -41.261 dBm

10 dB/div
 Log

Center 824.000 MHz
 #Res BW 15 kHz

#VBW 43 kHz*

Span 2.000 MHz
 #Sweep 1.000 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
 Auto Man

Freq Offset
 0 Hz

MSG STATUS

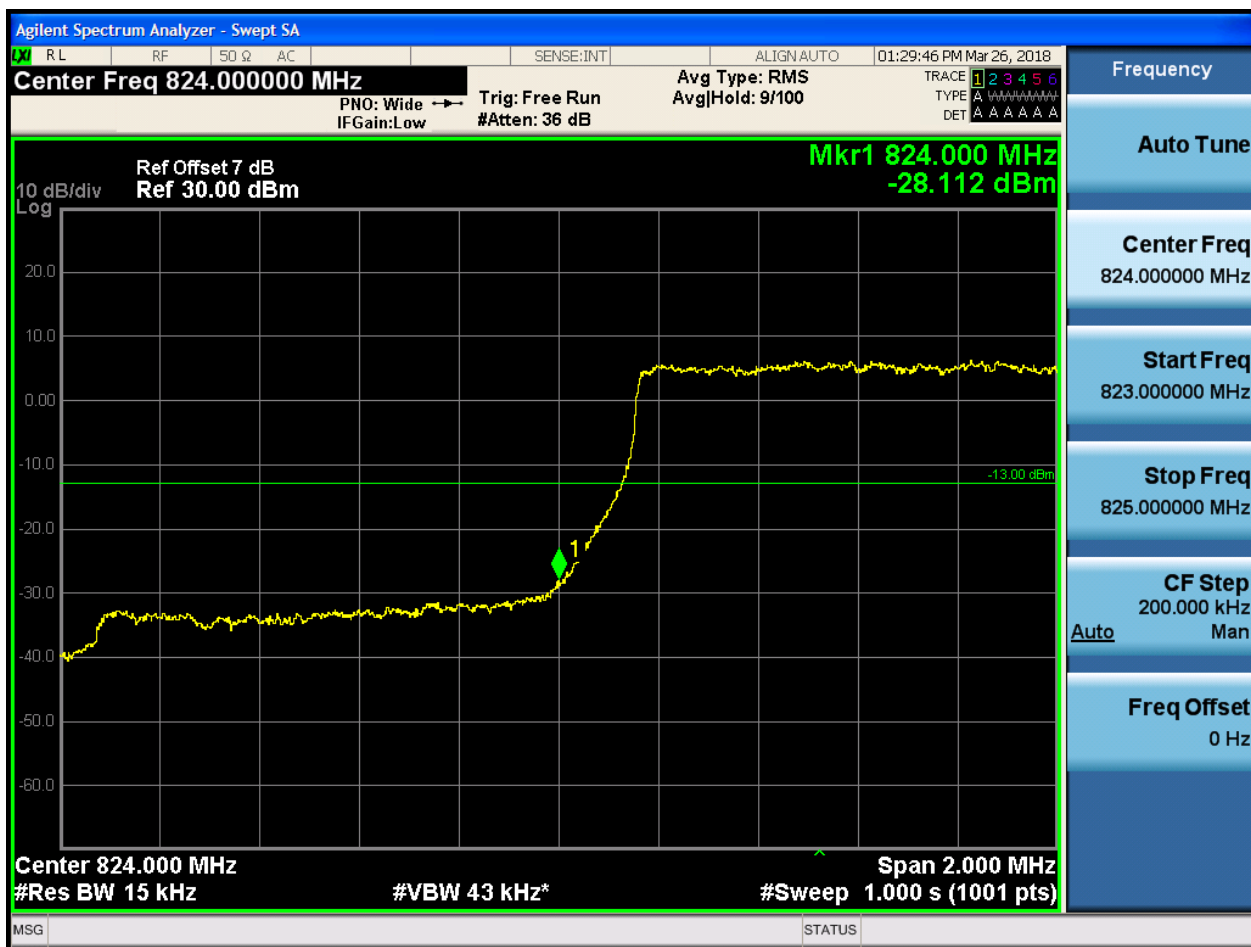


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0



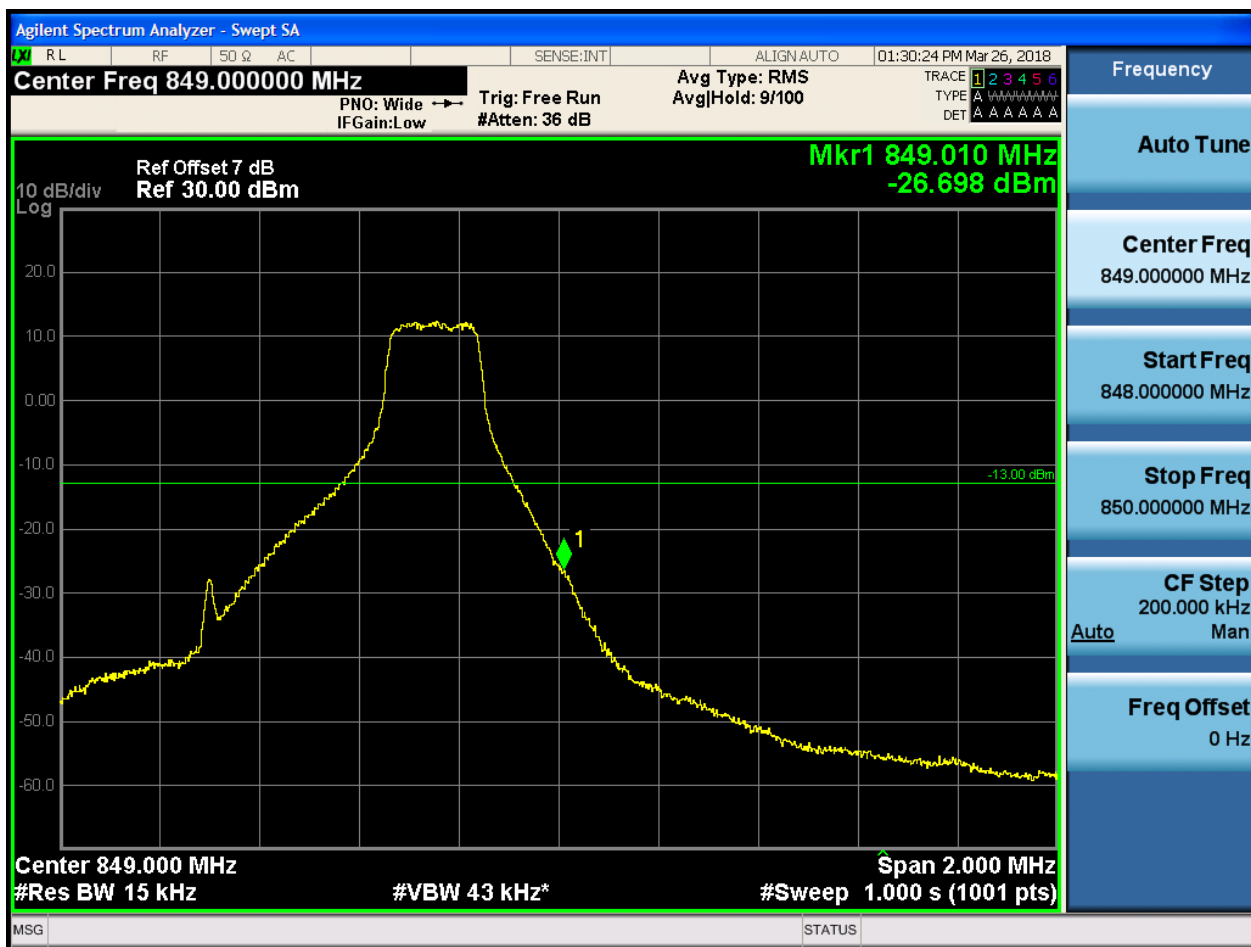
5.1.1.1.1.2 Test Channel = HCH

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

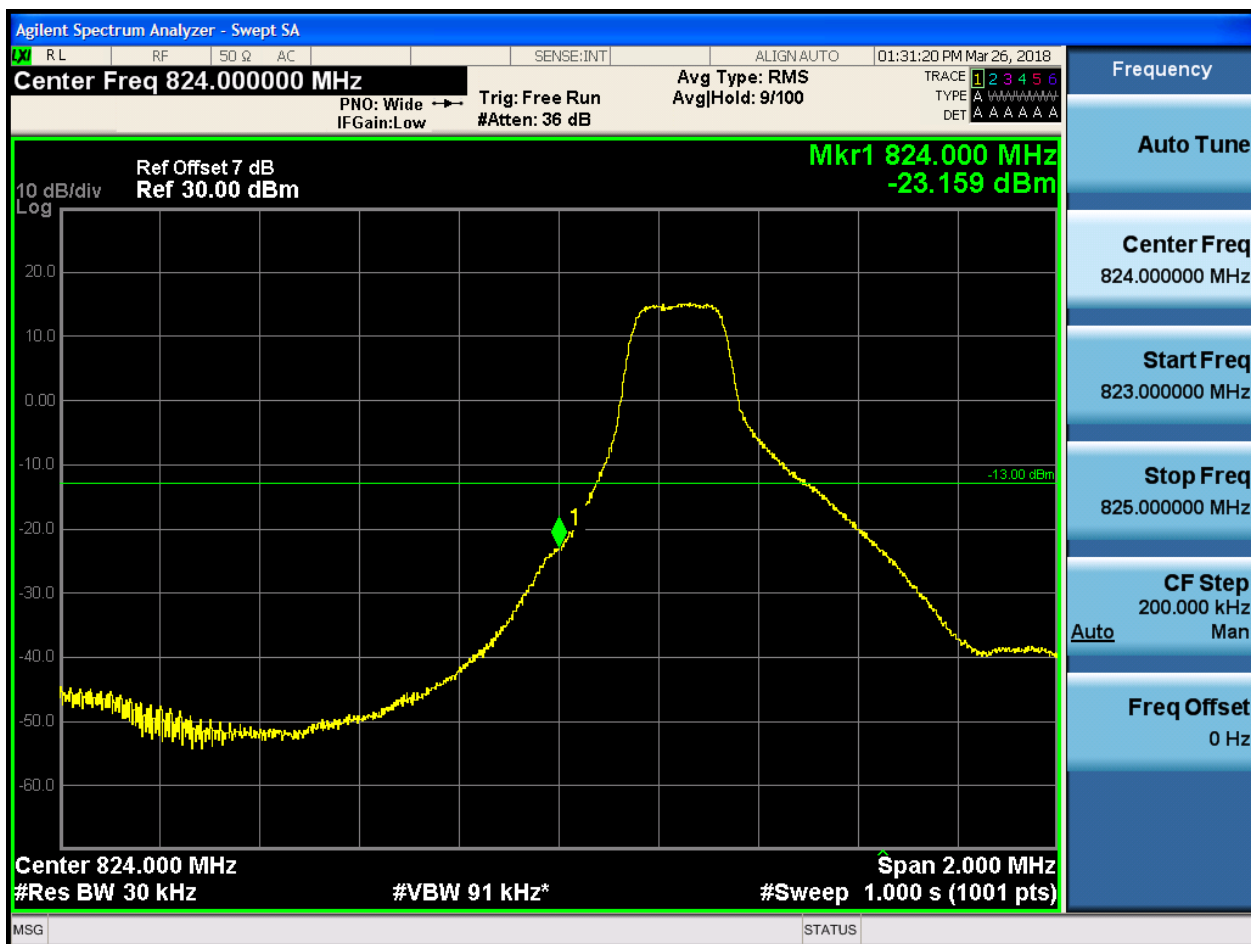




5.1.1.1.2 Test Bandwidth = 3

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



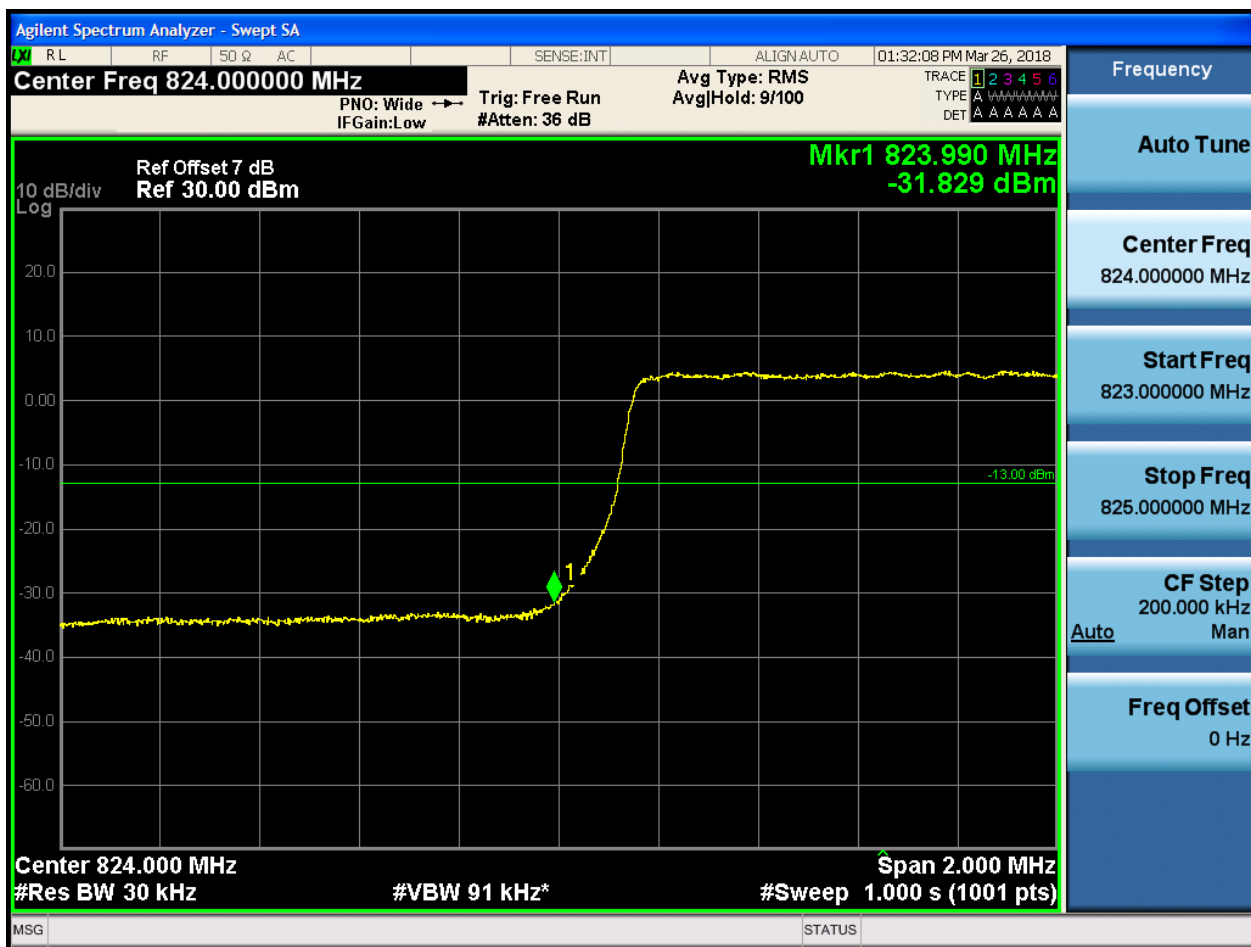


5.1.1.1.2.1.3 Test RB = RB8#4





5.1.1.1.2.1.4 Test RB = RB15#0





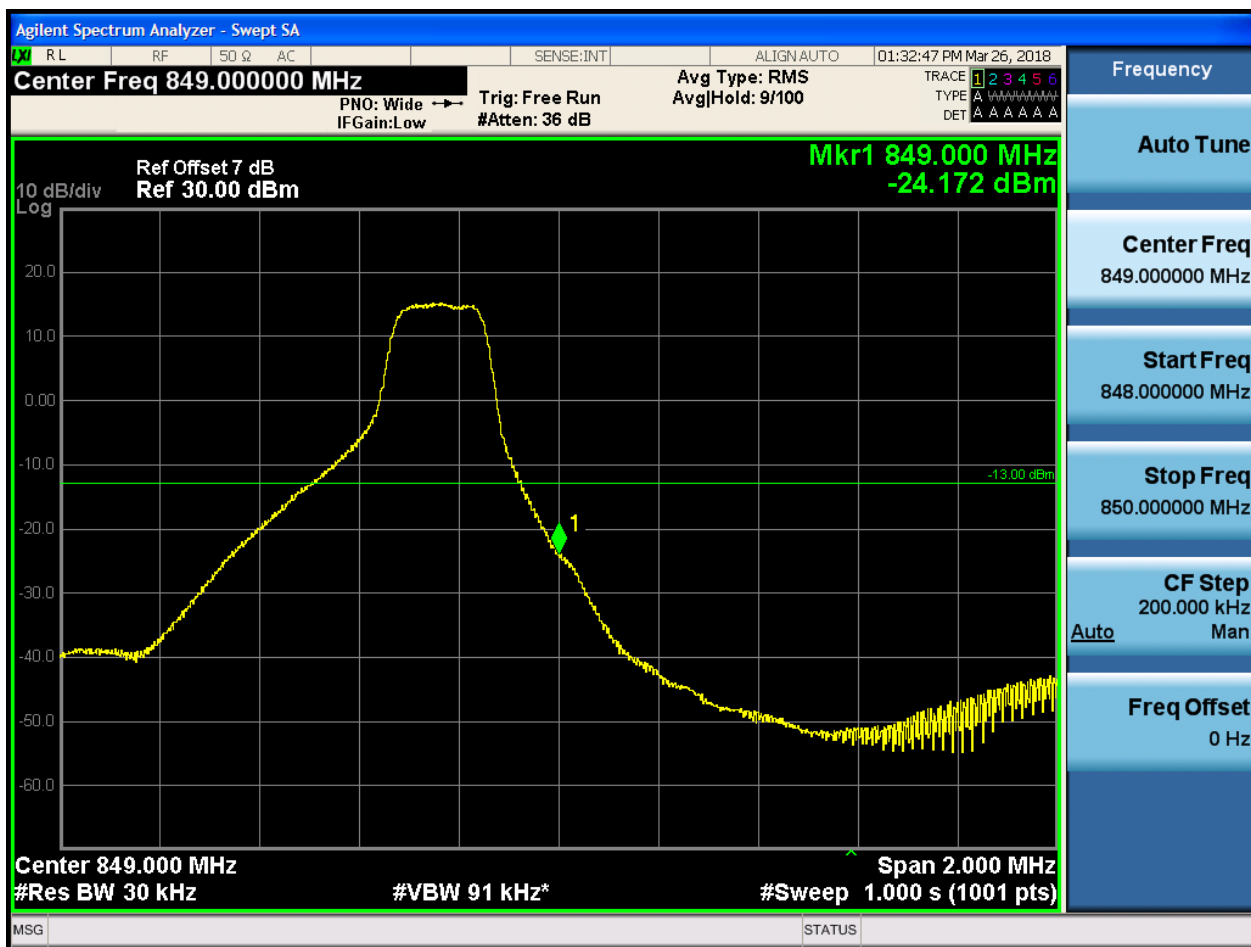
5.1.1.1.2.2 Test Channel = HCH

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

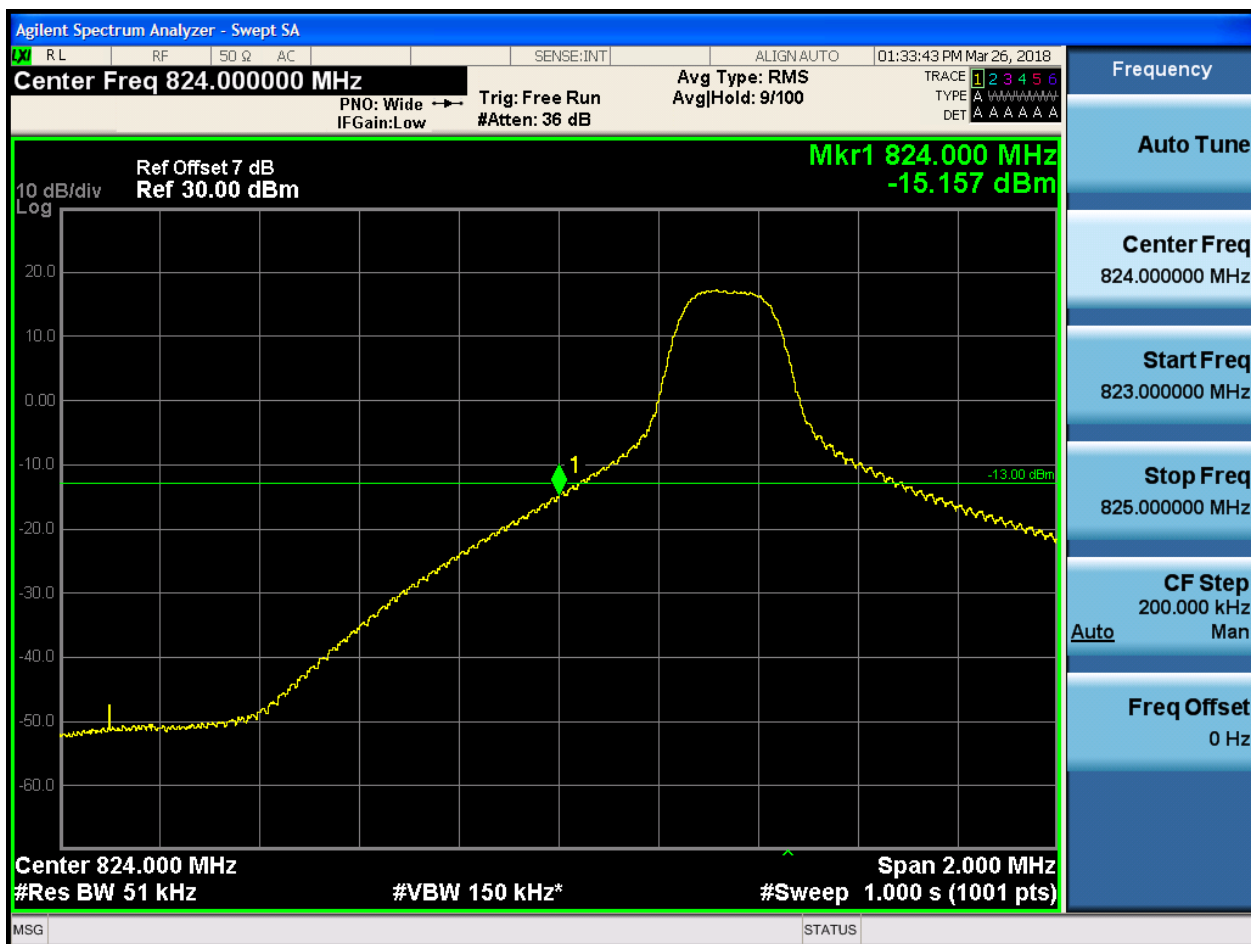




5.1.1.1.3 Test Bandwidth = 5

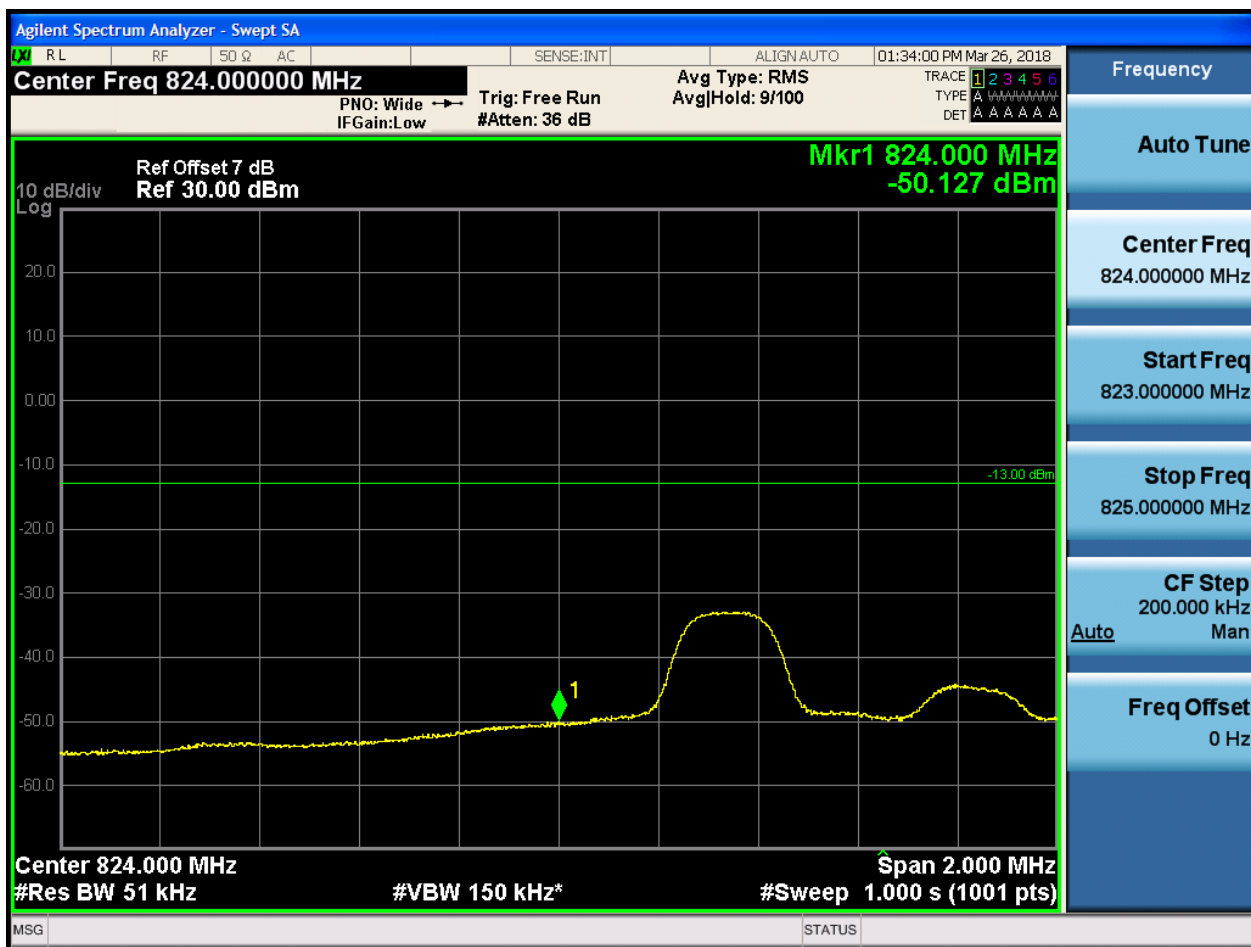
5.1.1.1.3.1 Test Channel = LCH

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





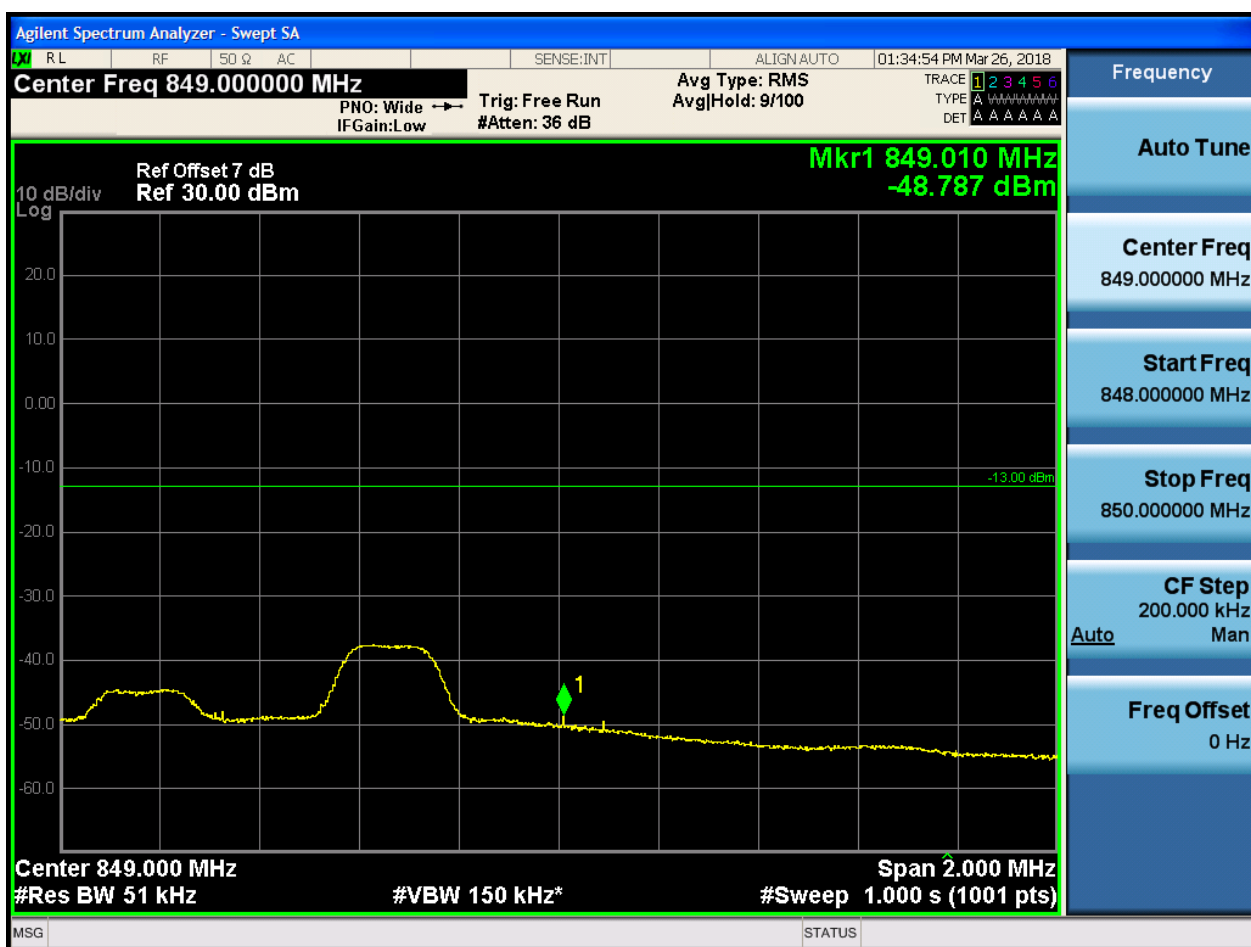
5.1.1.1.3.1.4 Test RB = RB25#0





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

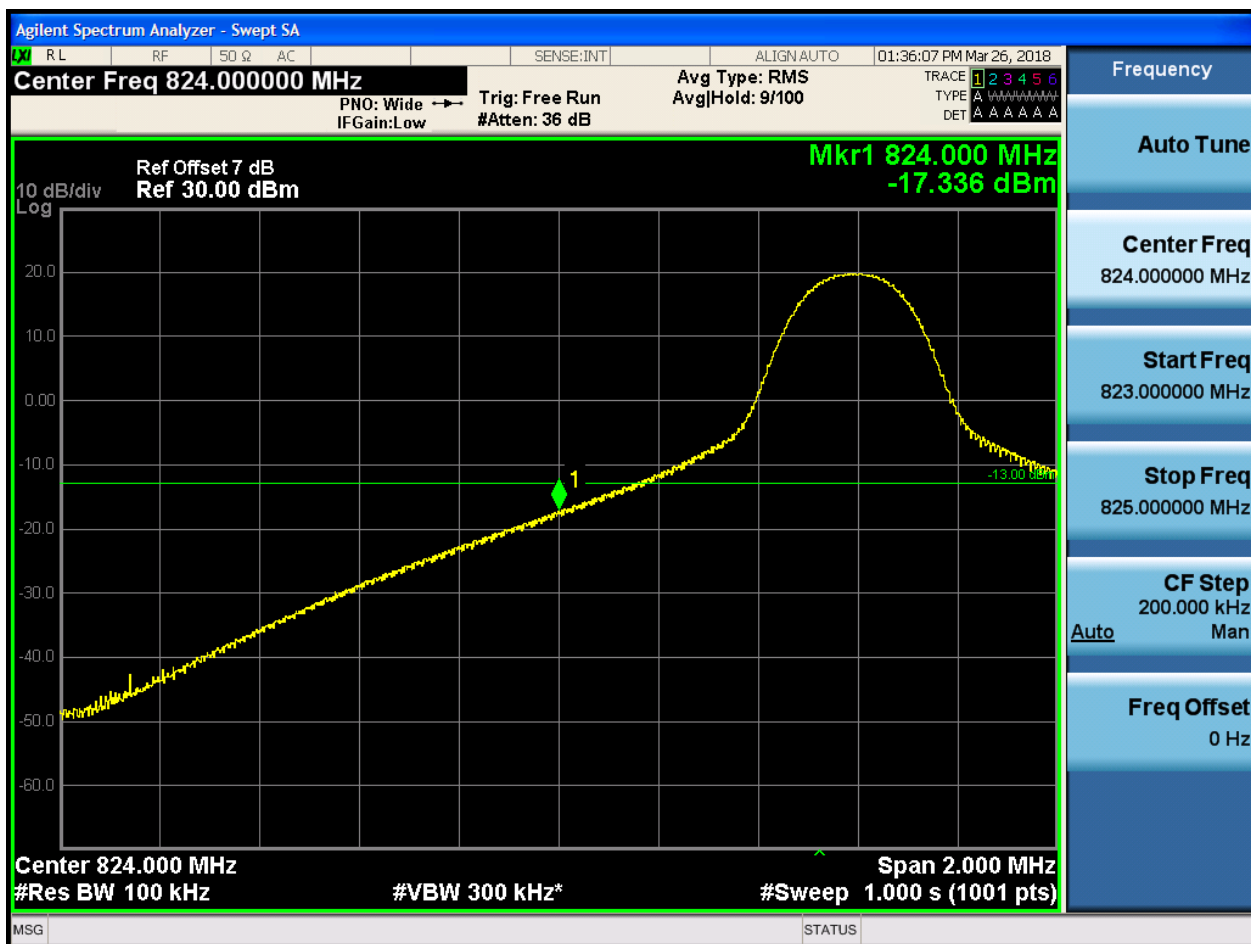




5.1.1.1.4 Test Bandwidth = 10

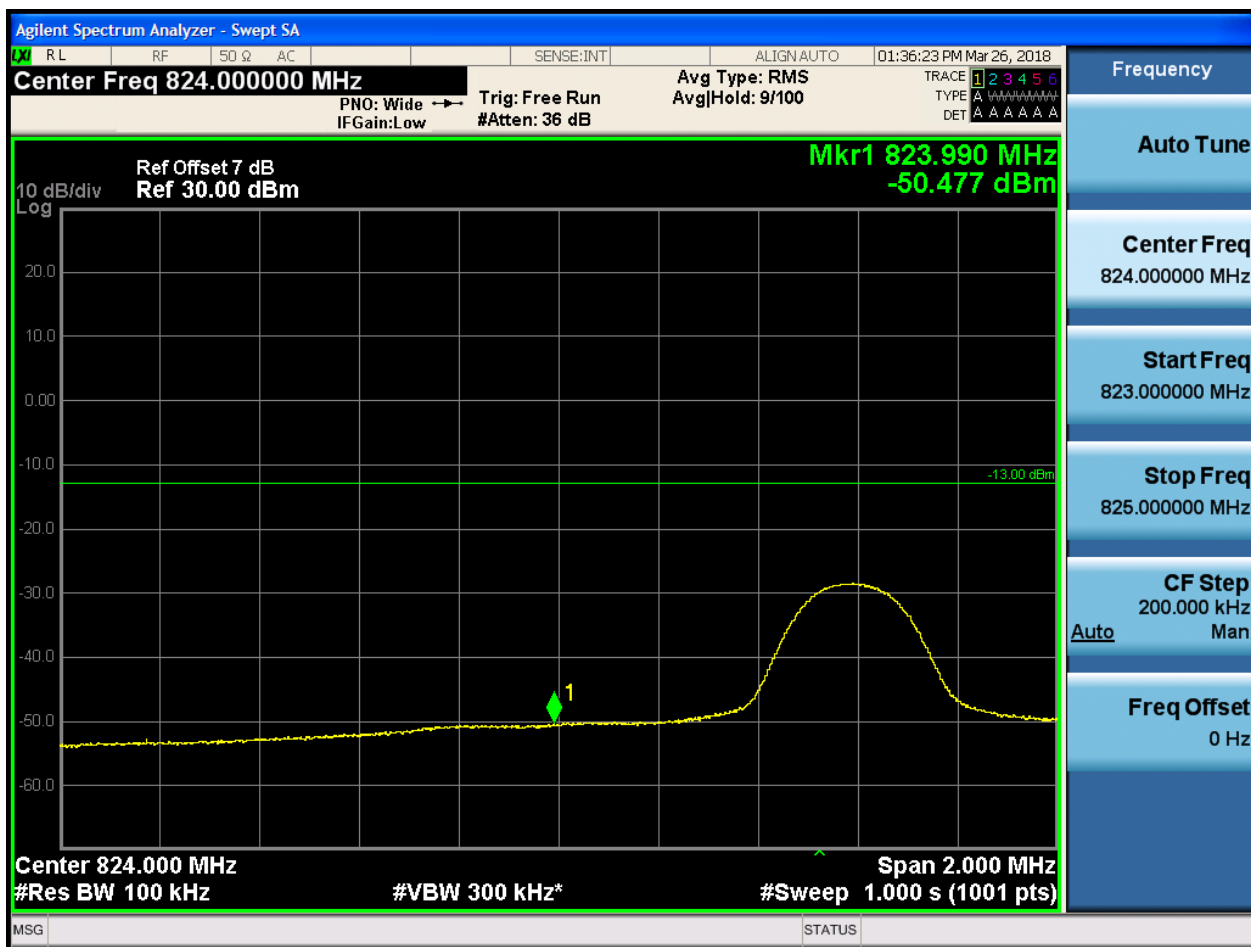
5.1.1.1.4.1 Test Channel = LCH

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





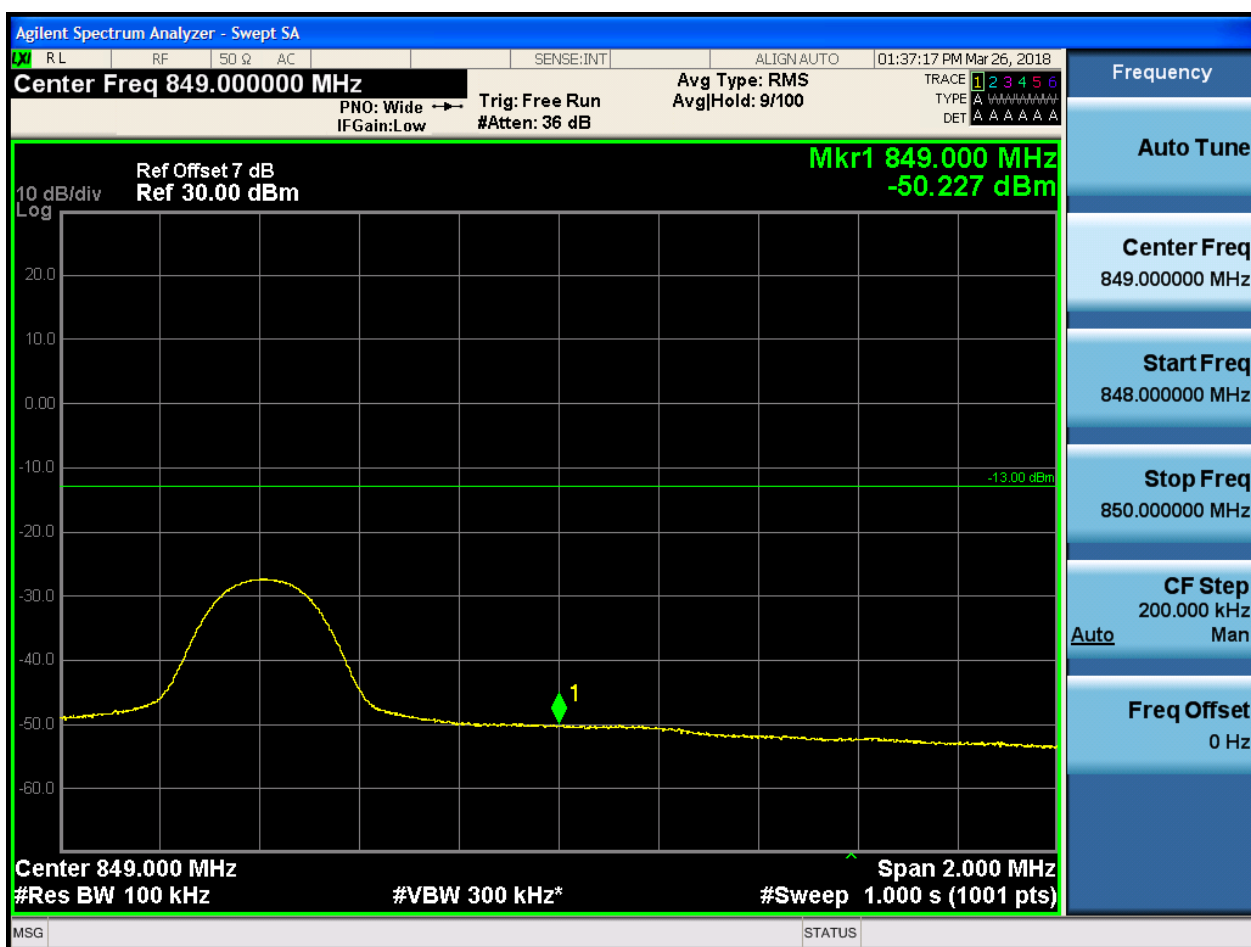
5.1.1.1.4.1.4 Test RB = RB50#0





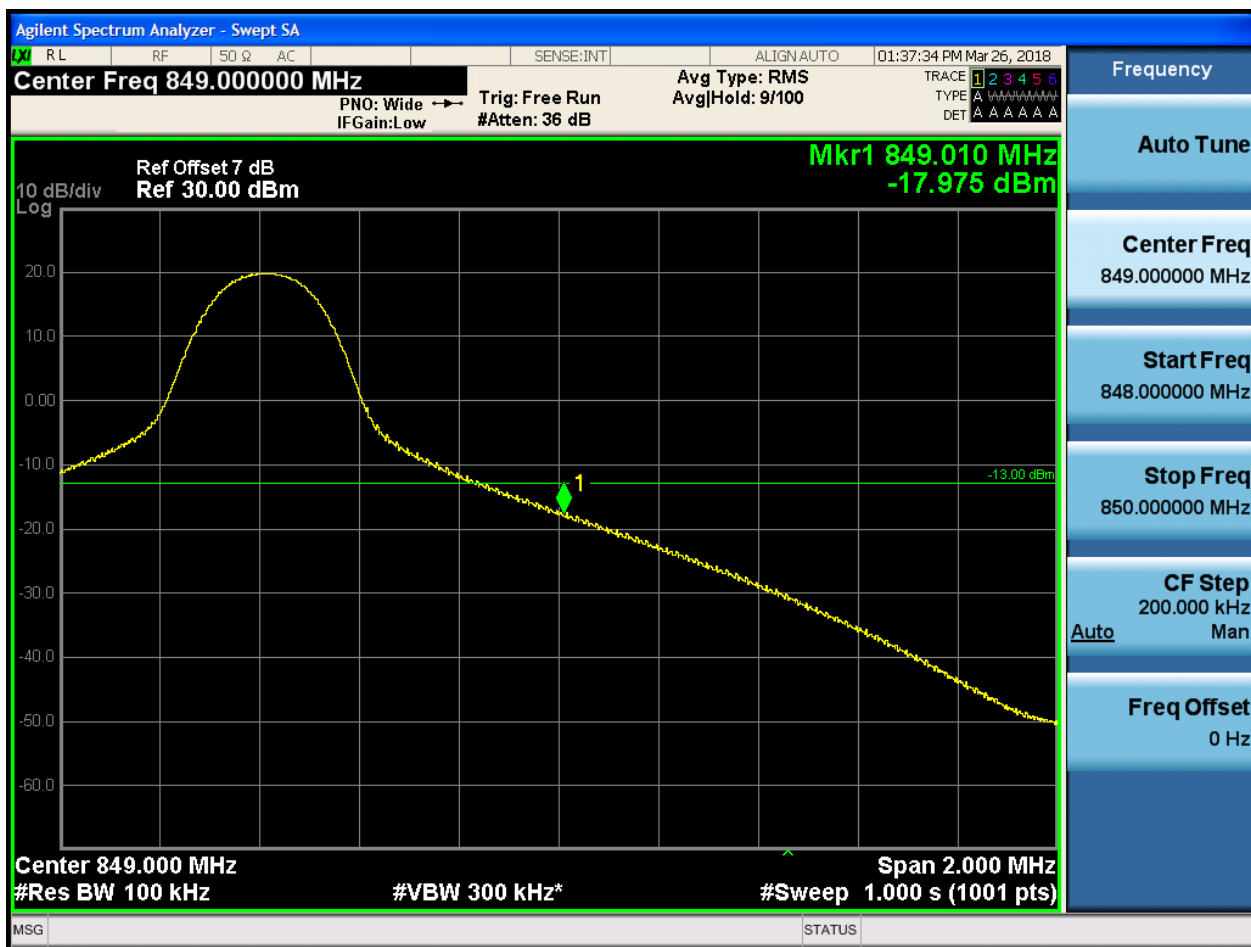
5.1.1.1.4.2 Test Channel = HCH

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



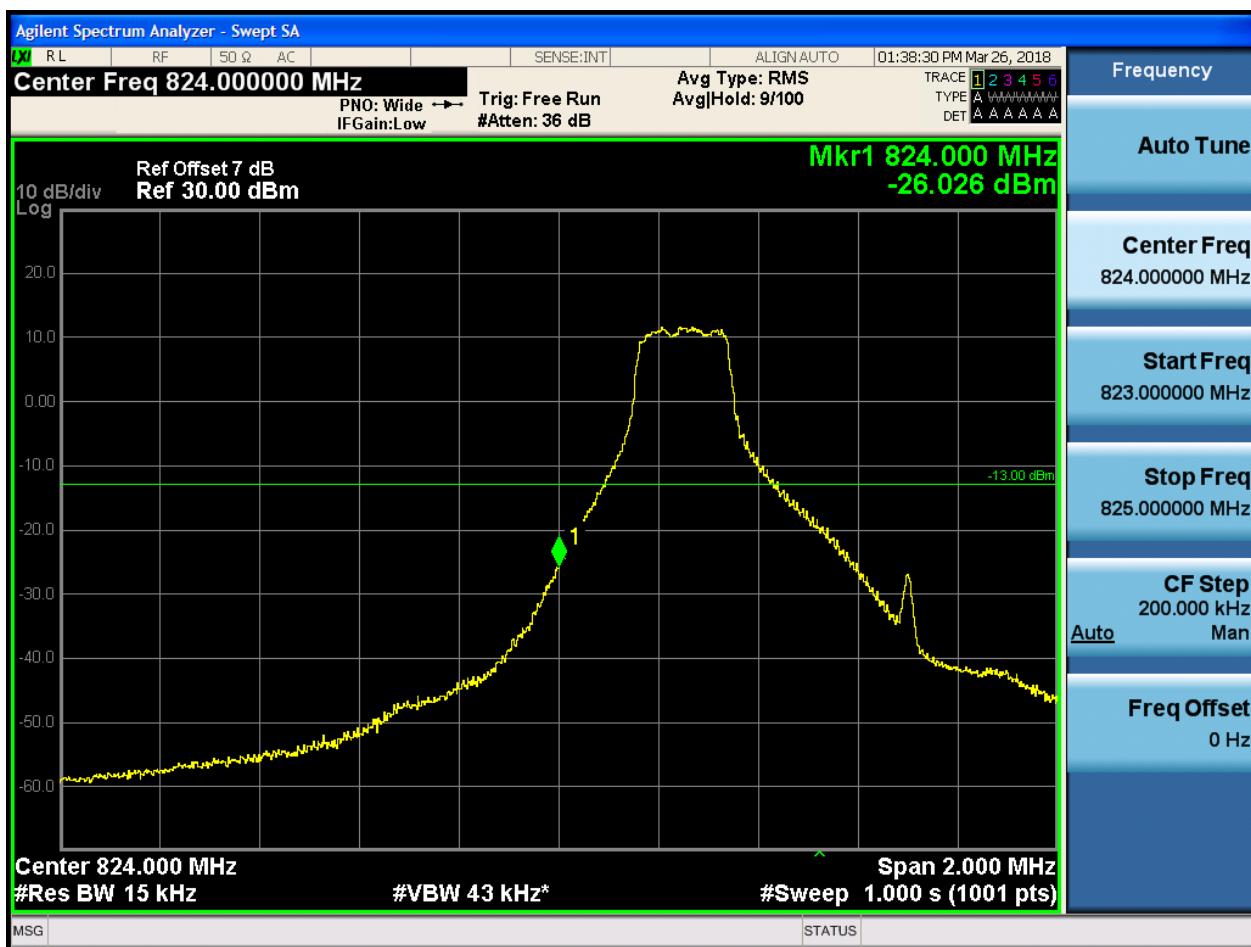


5.1.1.2 Test Mode = LTE/TM2

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





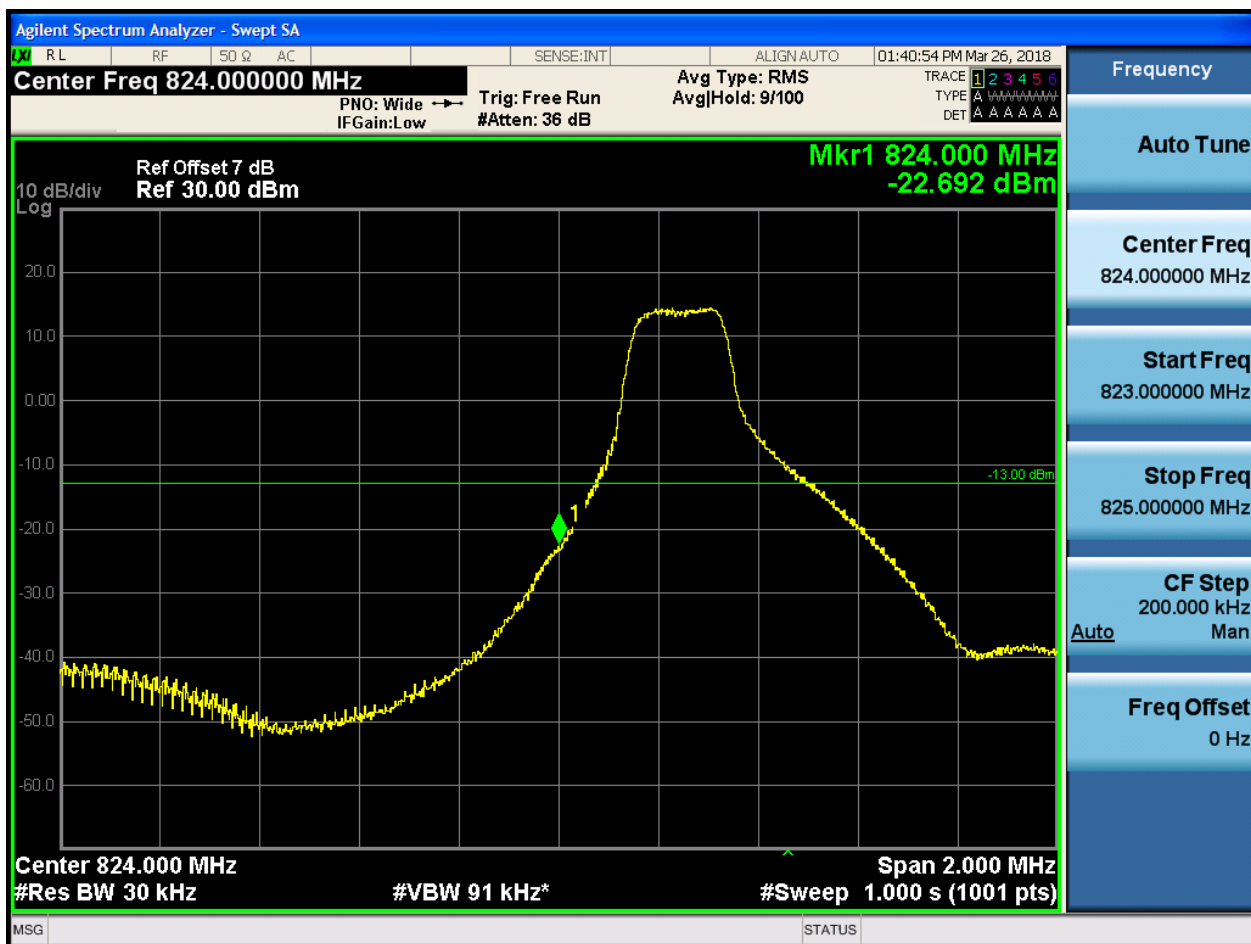
5.1.1.2.1.2.4 Test RB = RB6#0



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



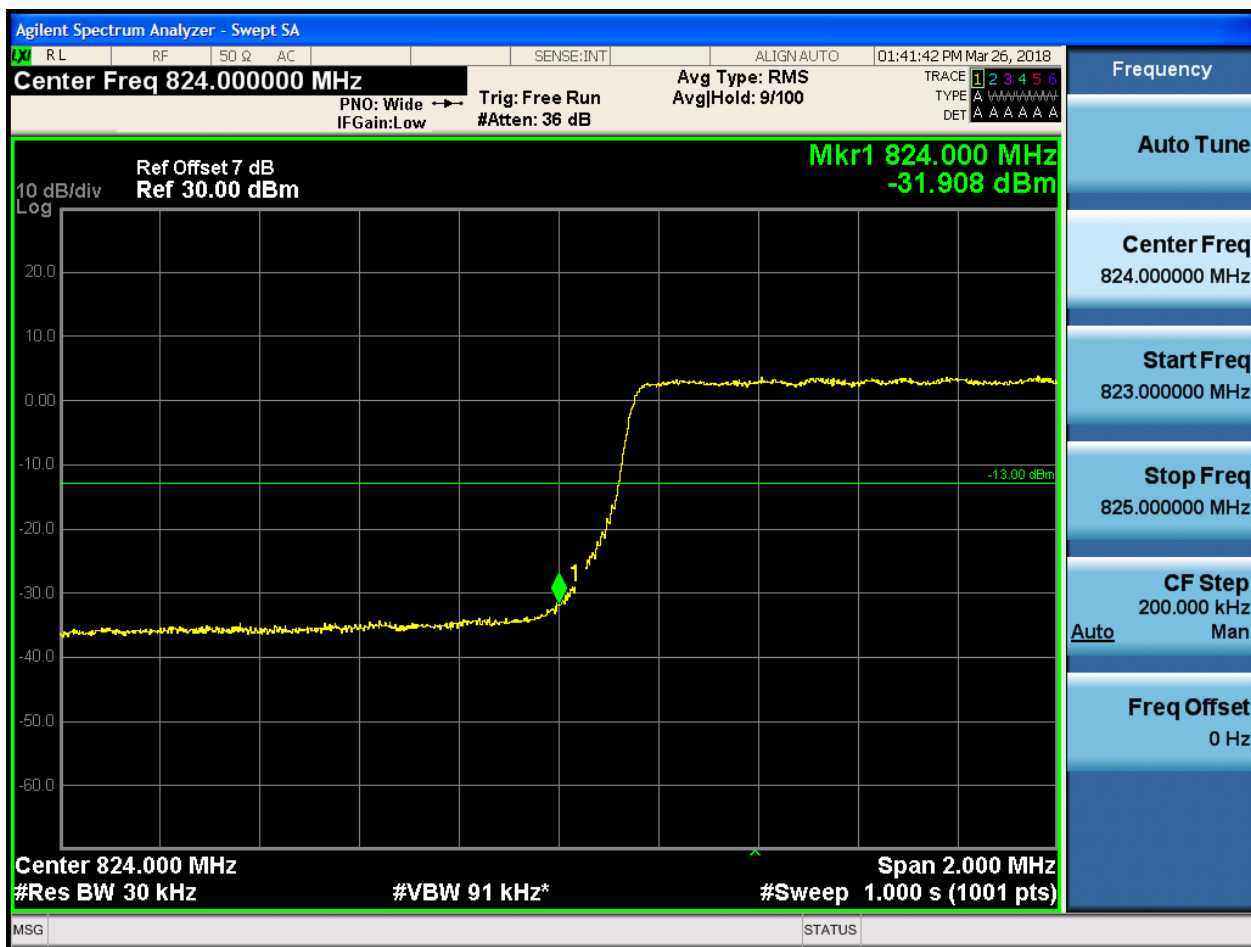


5.1.1.2.2.1.3 Test RB = RB8#4



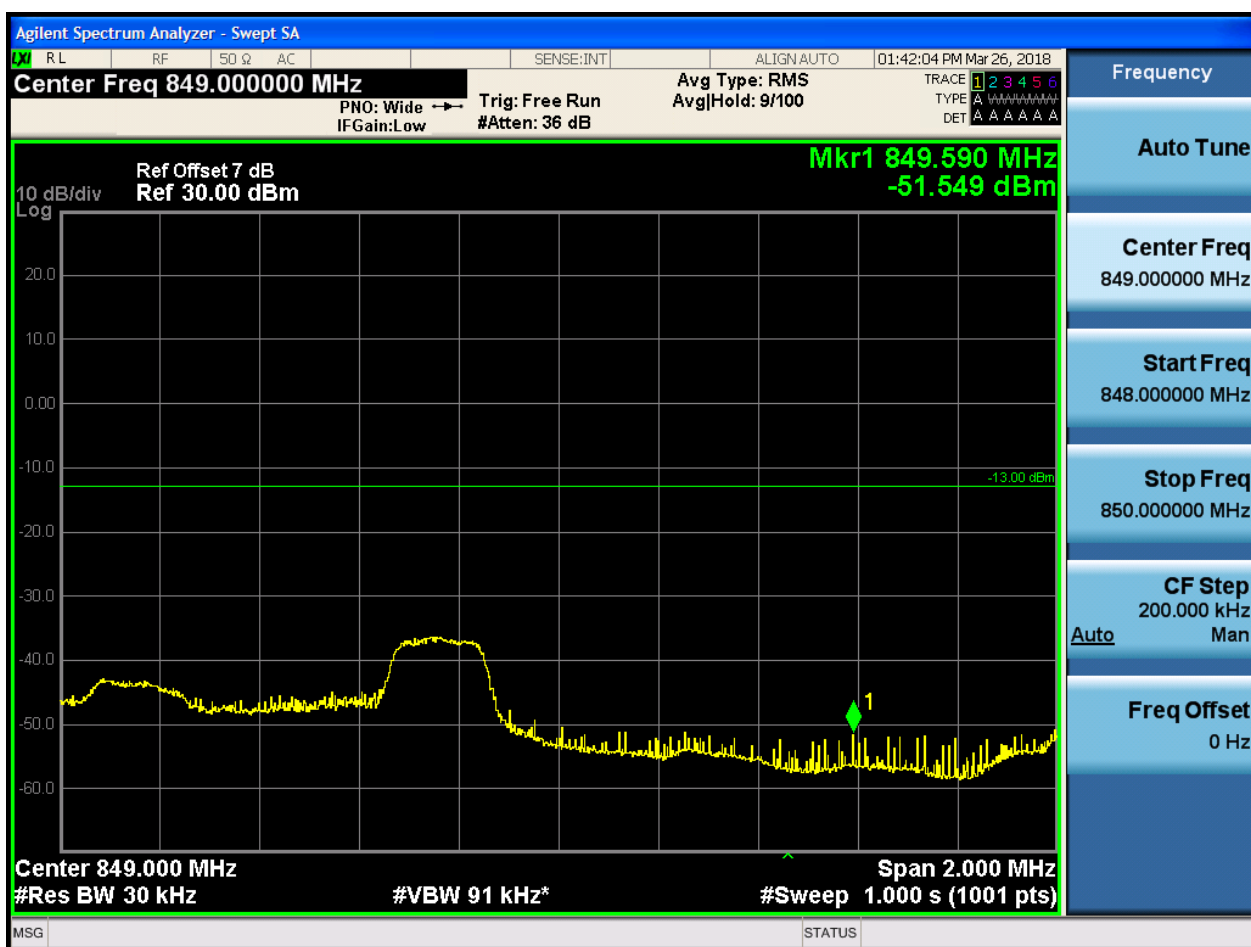


5.1.1.2.2.1.4 Test RB = RB15#0



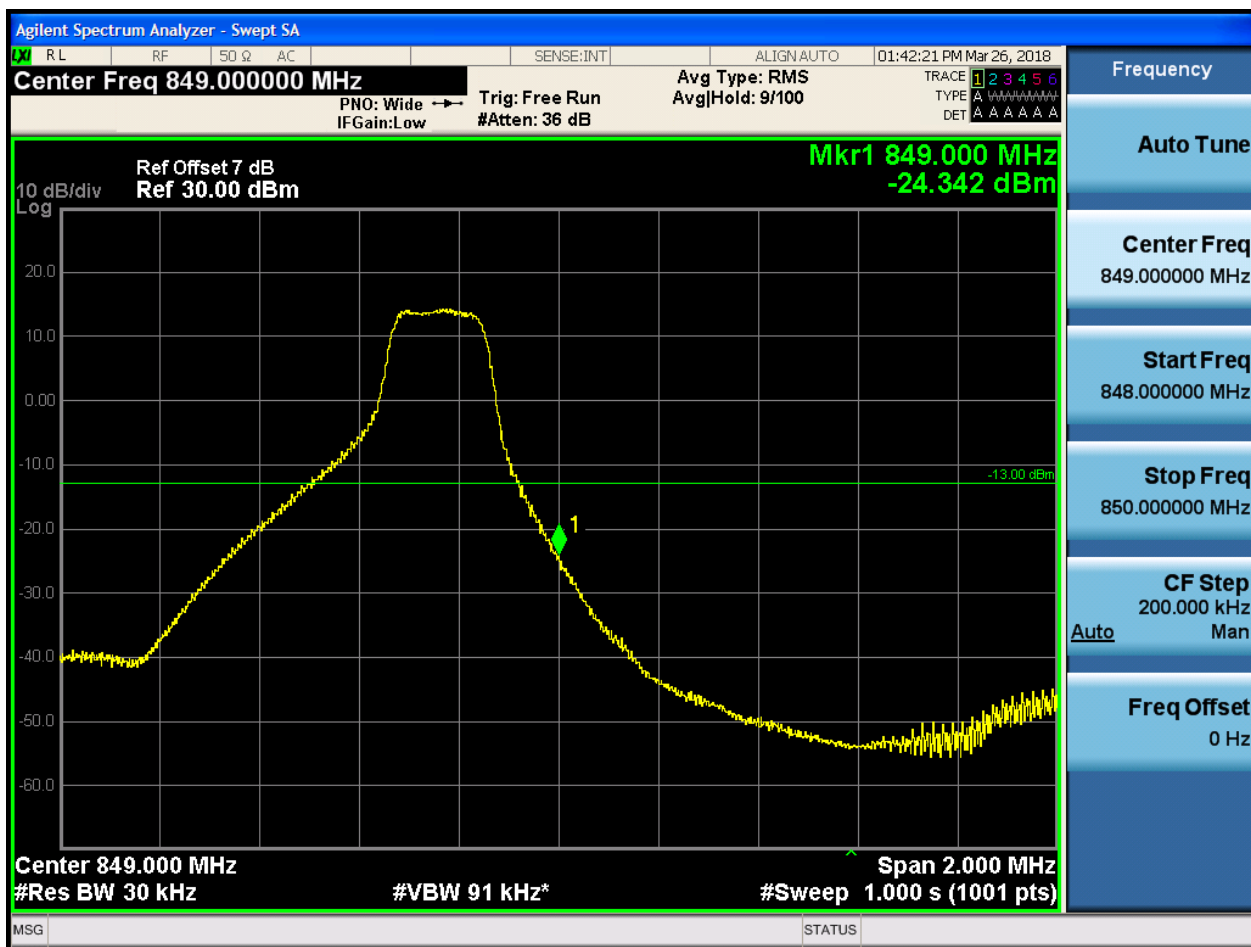
5.1.1.2.2.2 Test Channel = HCH

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

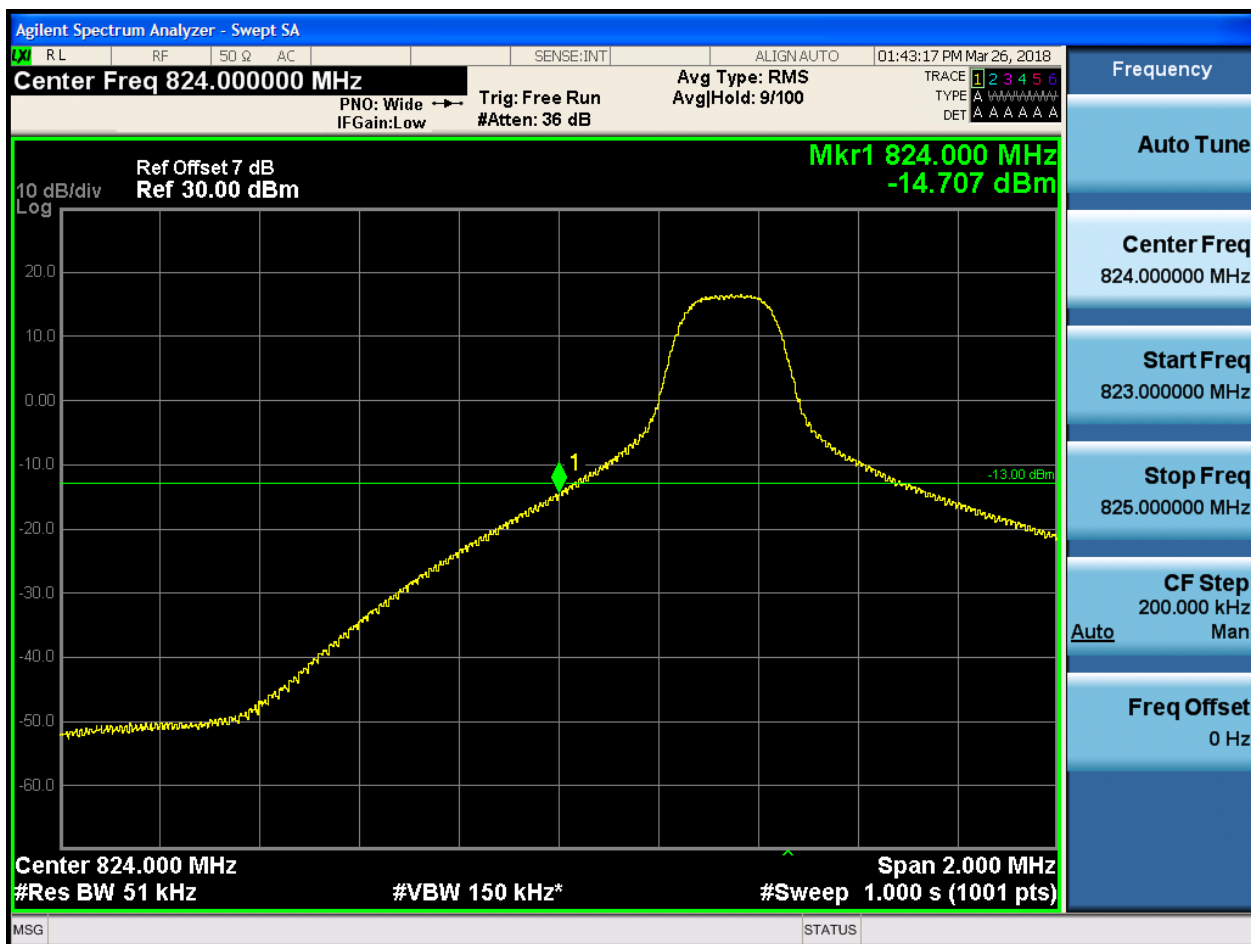




5.1.1.2.3 Test Bandwidth = 5

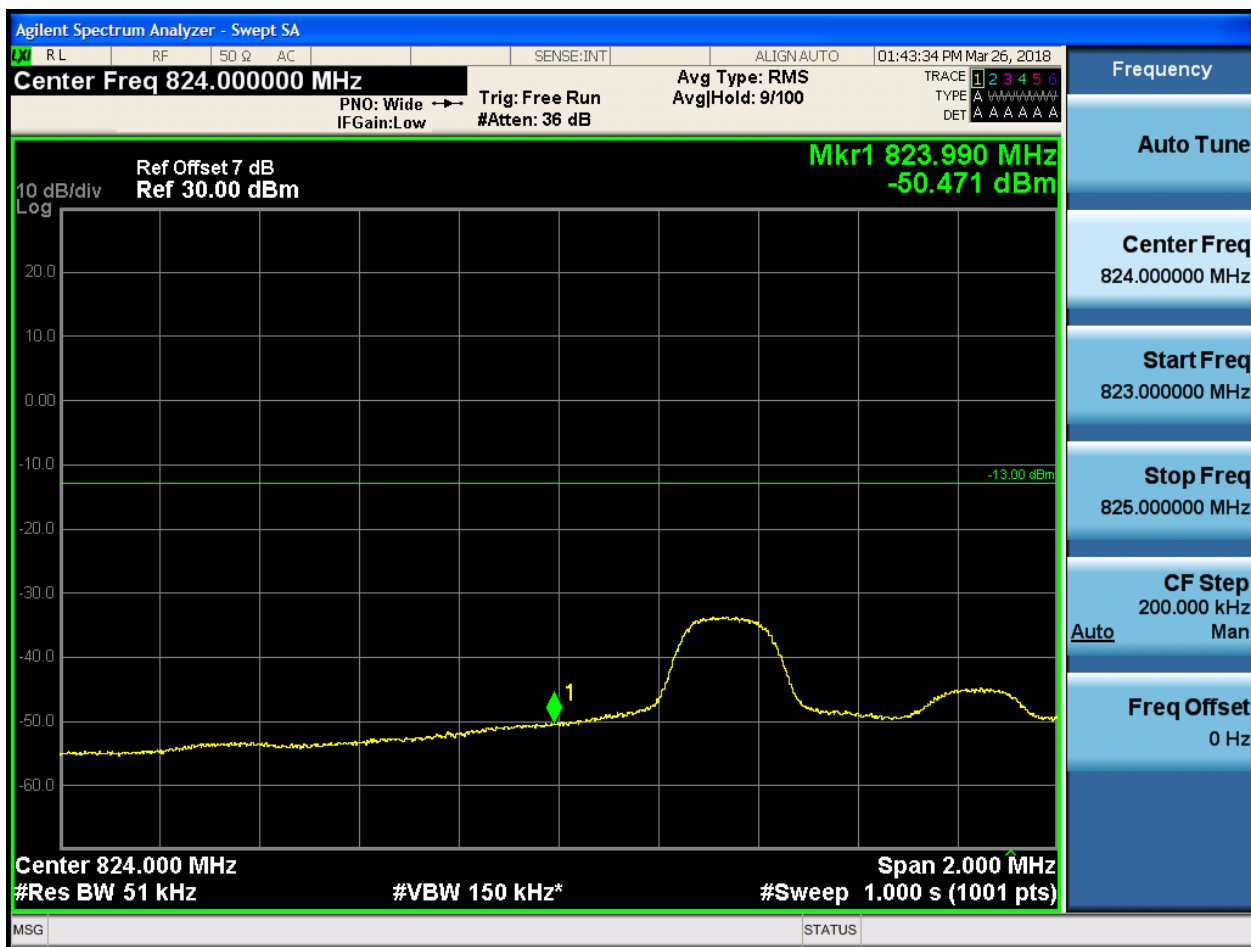
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24





5.1.1.2.3.1.3 Test RB = RB12#6





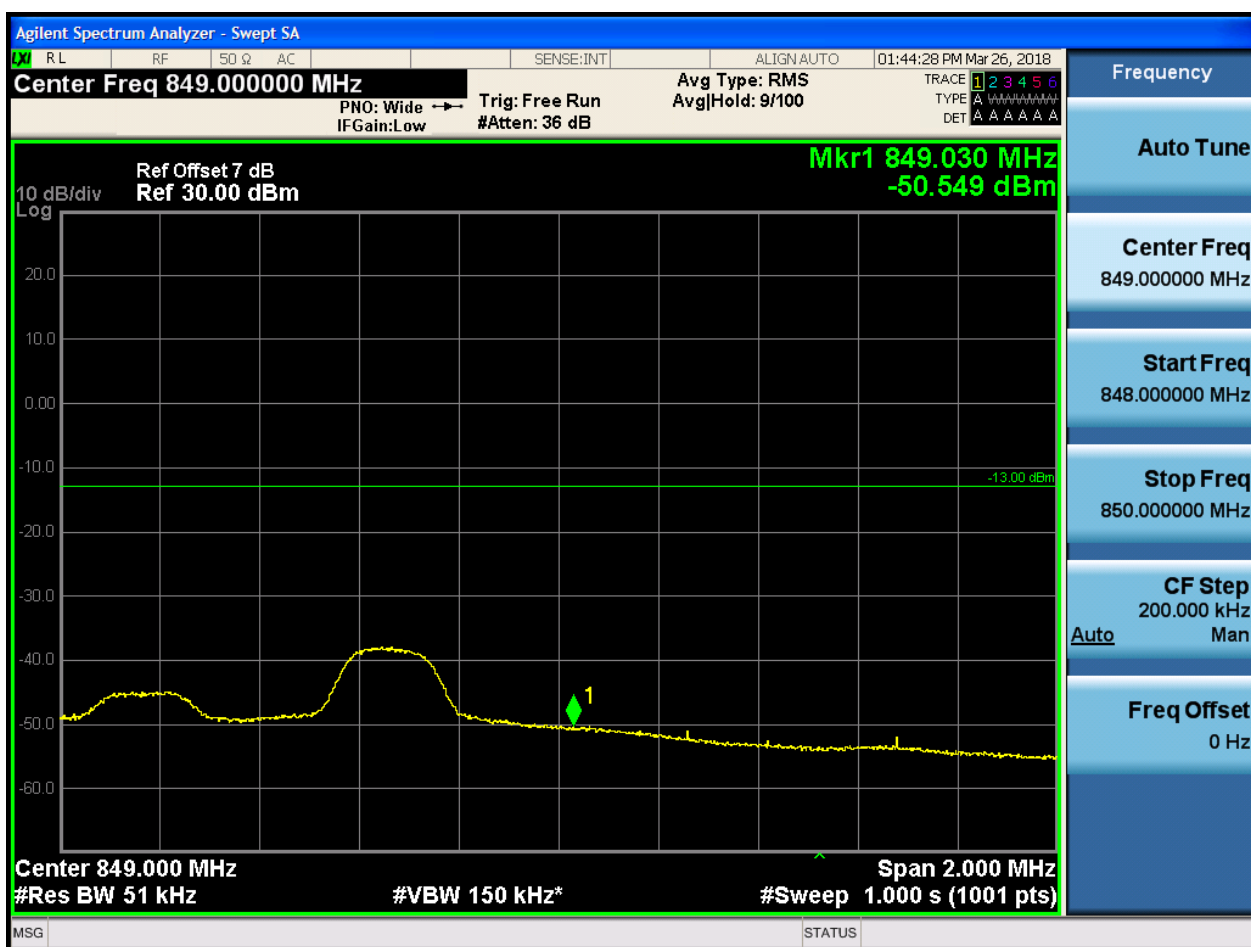
5.1.1.2.3.1.4 Test RB = RB25#0





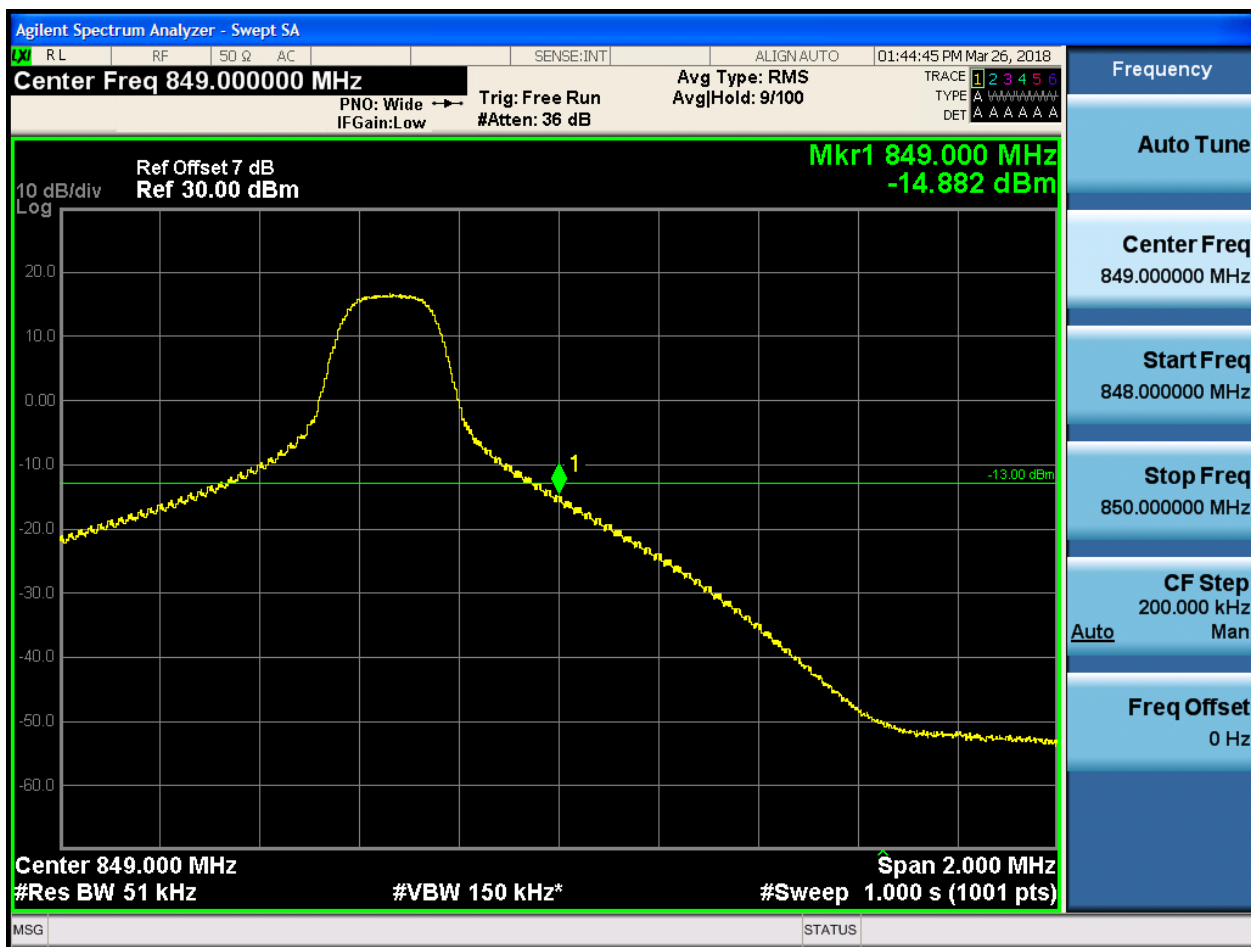
5.1.1.2.3.2 Test Channel = HCH

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





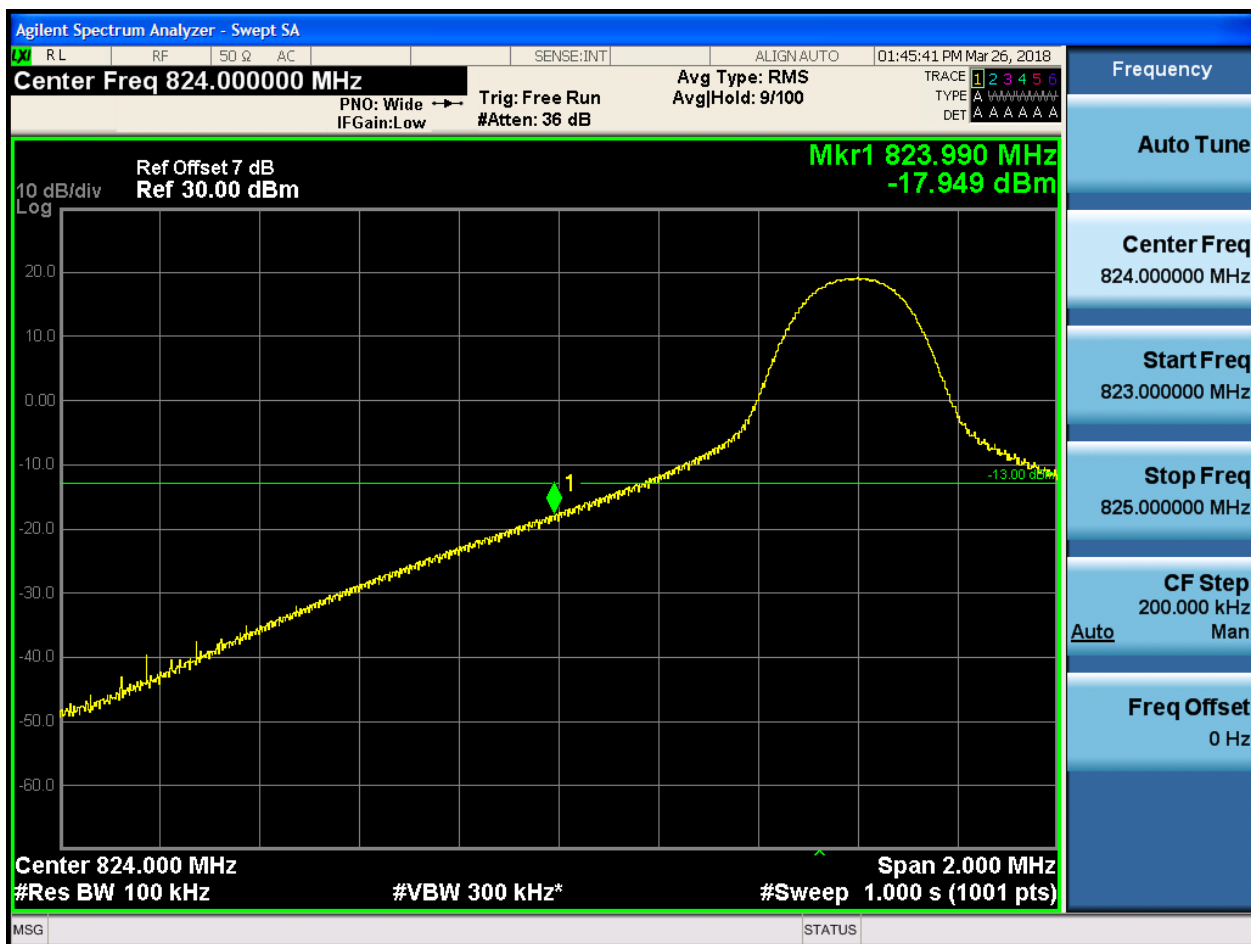
5.1.1.2.3.2.4 Test RB = RB25#0



5.1.1.2.4 Test Bandwidth = 10

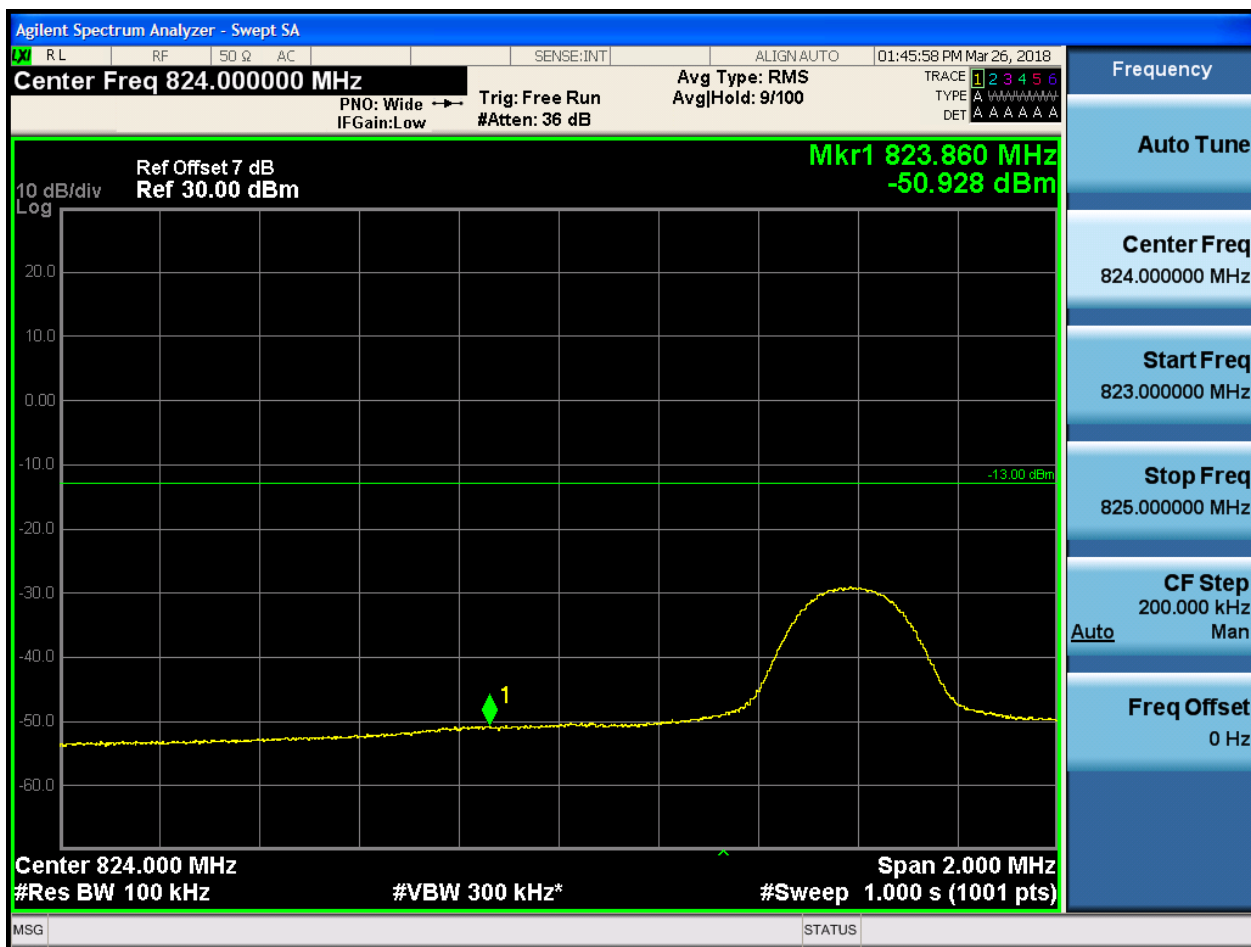
5.1.1.2.4.1 Test Channel = LCH

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





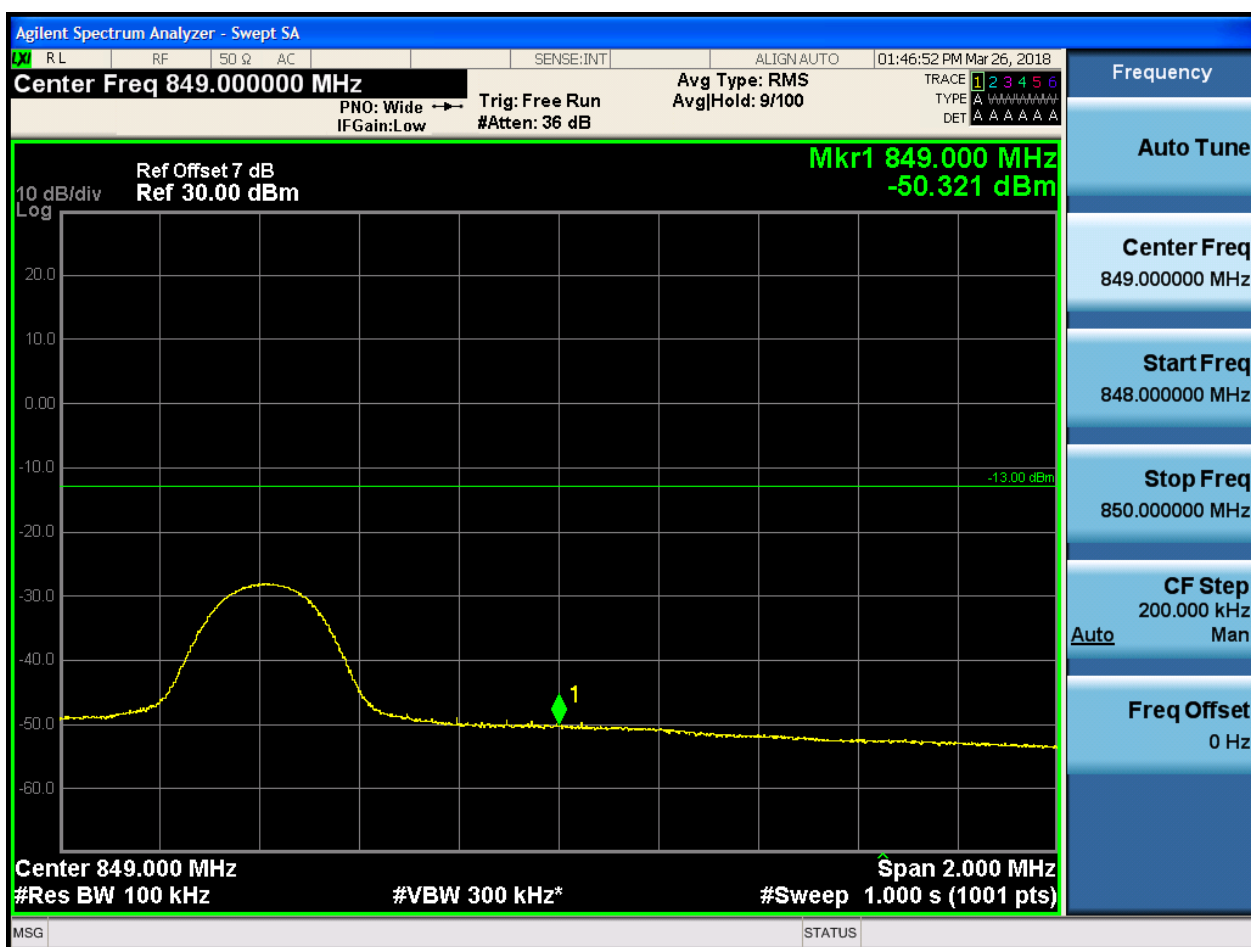
5.1.1.2.4.1.4 Test RB = RB50#0





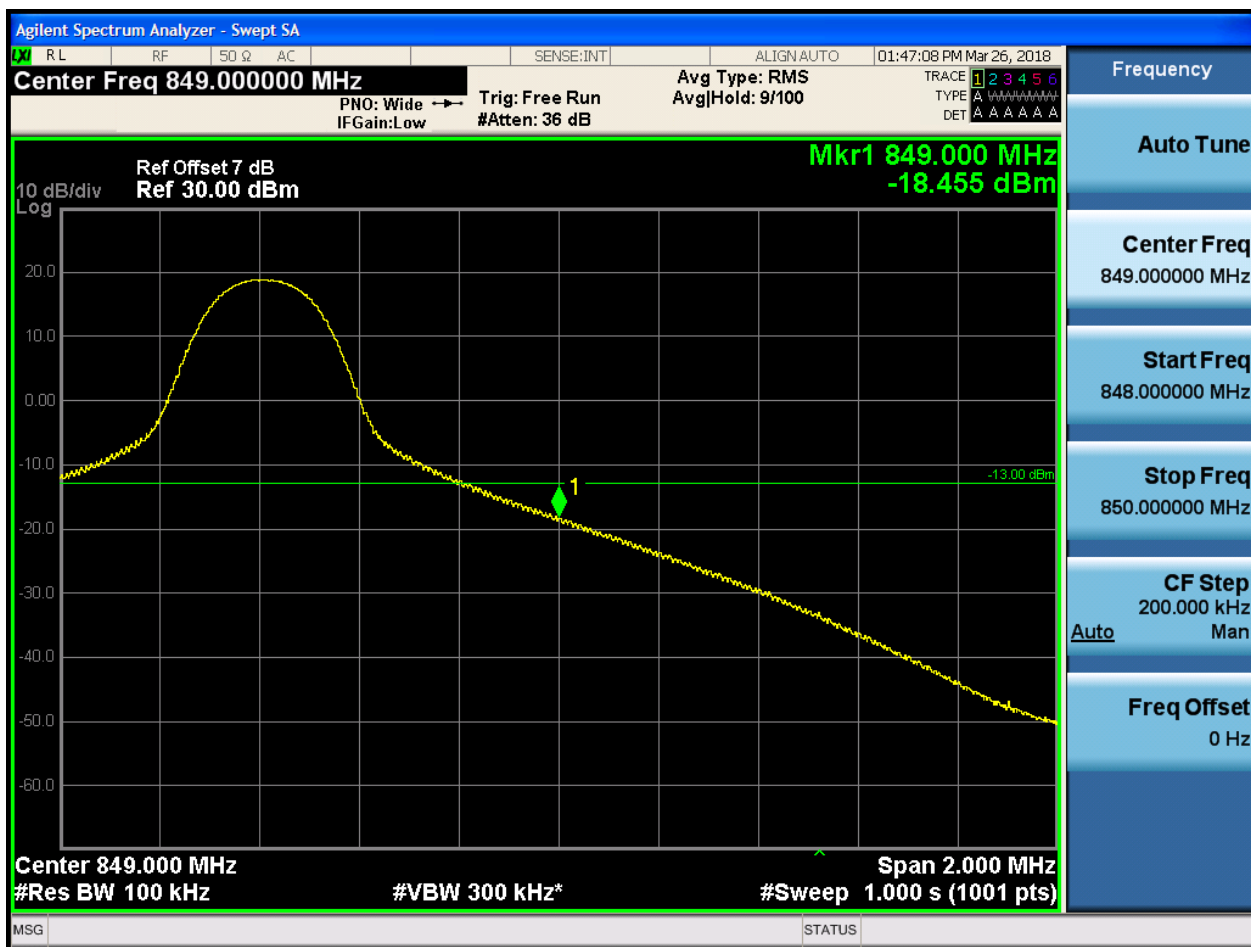
5.1.1.2.4.2 Test Channel = HCH

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

