



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	23.58	18.73	38.5	PASS
				RB1#3	23.81	18.96	38.5	PASS
				RB1#5	23.51	18.66	38.5	PASS
				RB3#0	23.56	18.71	38.5	PASS
				RB3#2	23.59	18.74	38.5	PASS
				RB3#3	23.45	18.6	38.5	PASS
				RB6#0	22.58	17.73	38.5	PASS
			MCH	RB1#0	23.45	18.6	38.5	PASS
				RB1#3	23.53	18.68	38.5	PASS
				RB1#5	23.48	18.63	38.5	PASS
				RB3#0	23.5	18.65	38.5	PASS
				RB3#2	23.49	18.64	38.5	PASS
				RB3#3	23.56	18.71	38.5	PASS
				RB6#0	22.53	17.68	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.67	18.82	38.5	PASS
				RB1#3	23.54	18.69	38.5	PASS
				RB1#5	23.5	18.65	38.5	PASS
				RB3#0	23.39	18.54	38.5	PASS
				RB3#2	23.46	18.61	38.5	PASS
				RB3#3	23.52	18.67	38.5	PASS
				RB6#0	22.62	17.77	38.5	PASS
		3	LCH	RB1#0	23.78	18.93	38.5	PASS
				RB1#7	23.66	18.81	38.5	PASS
				RB1#14	23.74	18.89	38.5	PASS
				RB8#0	22.68	17.83	38.5	PASS
				RB8#4	22.56	17.71	38.5	PASS
				RB8#7	22.58	17.73	38.5	PASS
				RB15#0	22.65	17.8	38.5	PASS
			MCH	RB1#0	23.58	18.73	38.5	PASS
				RB1#7	23.64	18.79	38.5	PASS
				RB1#14	23.67	18.82	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.57	17.72	38.5	PASS
				RB8#4	22.56	17.71	38.5	PASS
				RB8#7	22.48	17.63	38.5	PASS
				RB15#0	22.51	17.66	38.5	PASS
			HCH	RB1#0	23.75	18.9	38.5	PASS
				RB1#7	23.45	18.6	38.5	PASS
				RB1#14	23.25	18.4	38.5	PASS
				RB8#0	22.62	17.77	38.5	PASS
				RB8#4	22.63	17.78	38.5	PASS
				RB8#7	22.57	17.72	38.5	PASS
				RB15#0	22.57	17.72	38.5	PASS
		5	LCH	RB1#0	23.46	18.61	38.5	PASS
				RB1#13	23.4	18.55	38.5	PASS
				RB1#24	23.53	18.68	38.5	PASS
				RB12#0	22.6	17.75	38.5	PASS
				RB12#6	22.53	17.68	38.5	PASS
				RB12#13	22.59	17.74	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.59	17.74	38.5	PASS
			MCH	RB1#0	23.31	18.46	38.5	PASS
				RB1#13	23.3	18.45	38.5	PASS
				RB1#24	23.42	18.57	38.5	PASS
				RB12#0	22.54	17.69	38.5	PASS
				RB12#6	22.5	17.65	38.5	PASS
				RB12#13	22.49	17.64	38.5	PASS
				RB25#0	22.58	17.73	38.5	PASS
			HCH	RB1#0	23.43	18.58	38.5	PASS
				RB1#13	23.52	18.67	38.5	PASS
				RB1#24	23.36	18.51	38.5	PASS
				RB12#0	22.56	17.71	38.5	PASS
				RB12#6	22.57	17.72	38.5	PASS
				RB12#13	22.53	17.68	38.5	PASS
				RB25#0	22.58	17.73	38.5	PASS
		10	LCH	RB1#0	23.79	18.94	38.5	PASS
				RB1#25	23.74	18.89	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.66	18.81	38.5	PASS
				RB25#0	22.6	17.75	38.5	PASS
				RB25#13	22.64	17.79	38.5	PASS
				RB25#25	22.63	17.78	38.5	PASS
				RB50#0	22.65	17.8	38.5	PASS
			MCH	RB1#0	23.77	18.92	38.5	PASS
				RB1#25	23.7	18.85	38.5	PASS
				RB1#49	23.86	19.01	38.5	PASS
				RB25#0	22.62	17.77	38.5	PASS
				RB25#13	22.5	17.65	38.5	PASS
				RB25#25	22.61	17.76	38.5	PASS
				RB50#0	22.59	17.74	38.5	PASS
			HCH	RB1#0	23.79	18.94	38.5	PASS
				RB1#25	23.52	18.67	38.5	PASS
				RB1#49	23.58	18.73	38.5	PASS
				RB25#0	22.63	17.78	38.5	PASS
				RB25#13	22.59	17.74	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.58	17.73	38.5	PASS
				RB50#0	22.65	17.8	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	23.22	18.37	38.5	PASS
				RB1#3	23.27	18.42	38.5	PASS
				RB1#5	23.1	18.25	38.5	PASS
				RB3#0	22.61	17.76	38.5	PASS
				RB3#2	22.61	17.76	38.5	PASS
				RB3#3	22.6	17.75	38.5	PASS
				RB6#0	21.58	16.73	38.5	PASS
			MCH	RB1#0	23.01	18.16	38.5	PASS
				RB1#3	23.05	18.2	38.5	PASS
				RB1#5	22.98	18.13	38.5	PASS
				RB3#0	22.59	17.74	38.5	PASS
				RB3#2	22.57	17.72	38.5	PASS
				RB3#3	22.51	17.66	38.5	PASS
				RB6#0	21.66	16.81	38.5	PASS
			HCH	RB1#0	22.58	17.73	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.55	17.7	38.5	PASS
				RB1#5	22.51	17.66	38.5	PASS
				RB3#0	22.56	17.71	38.5	PASS
				RB3#2	22.22	17.37	38.5	PASS
				RB3#3	22.37	17.52	38.5	PASS
				RB6#0	21.37	16.52	38.5	PASS
		3	LCH	RB1#0	22.91	18.06	38.5	PASS
				RB1#7	22.89	18.04	38.5	PASS
				RB1#14	22.58	17.73	38.5	PASS
				RB8#0	21.5	16.65	38.5	PASS
				RB8#4	21.31	16.46	38.5	PASS
				RB8#7	21.46	16.61	38.5	PASS
				RB15#0	21.41	16.56	38.5	PASS
			MCH	RB1#0	22.8	17.95	38.5	PASS
				RB1#7	22.9	18.05	38.5	PASS
				RB1#14	22.66	17.81	38.5	PASS
				RB8#0	21.43	16.58	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	21.32	16.47	38.5	PASS
				RB8#7	21.53	16.68	38.5	PASS
				RB15#0	21.68	16.83	38.5	PASS
			HCH	RB1#0	22.8	17.95	38.5	PASS
				RB1#7	22.41	17.56	38.5	PASS
				RB1#14	22.57	17.72	38.5	PASS
				RB8#0	21.49	16.64	38.5	PASS
				RB8#4	21.37	16.52	38.5	PASS
				RB8#7	21.51	16.66	38.5	PASS
				RB15#0	21.57	16.72	38.5	PASS
		5	LCH	RB1#0	22.28	17.43	38.5	PASS
				RB1#13	22.23	17.38	38.5	PASS
				RB1#24	22.21	17.36	38.5	PASS
				RB12#0	21.45	16.6	38.5	PASS
				RB12#6	21.53	16.68	38.5	PASS
				RB12#13	21.62	16.77	38.5	PASS
				RB25#0	21.64	16.79	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.43	17.58	38.5	PASS
				RB1#13	22.25	17.4	38.5	PASS
				RB1#24	22.22	17.37	38.5	PASS
				RB12#0	21.5	16.65	38.5	PASS
				RB12#6	21.36	16.51	38.5	PASS
				RB12#13	21.38	16.53	38.5	PASS
				RB25#0	21.45	16.6	38.5	PASS
			HCH	RB1#0	22.99	18.14	38.5	PASS
				RB1#13	22.77	17.92	38.5	PASS
				RB1#24	22.74	17.89	38.5	PASS
				RB12#0	21.75	16.9	38.5	PASS
				RB12#6	21.65	16.8	38.5	PASS
				RB12#13	21.56	16.71	38.5	PASS
				RB25#0	21.56	16.71	38.5	PASS
		10	LCH	RB1#0	22.93	18.08	38.5	PASS
				RB1#25	23.03	18.18	38.5	PASS
				RB1#49	22.9	18.05	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.51	16.66	38.5	PASS
				RB25#13	21.53	16.68	38.5	PASS
				RB25#25	21.71	16.86	38.5	PASS
				RB50#0	21.63	16.78	38.5	PASS
			MCH	RB1#0	22.74	17.89	38.5	PASS
				RB1#25	22.76	17.91	38.5	PASS
				RB1#49	22.61	17.76	38.5	PASS
				RB25#0	21.66	16.81	38.5	PASS
				RB25#13	21.46	16.61	38.5	PASS
				RB25#25	21.46	16.61	38.5	PASS
				RB50#0	21.61	16.76	38.5	PASS
			HCH	RB1#0	22.87	18.02	38.5	PASS
				RB1#25	22.27	17.42	38.5	PASS
				RB1#49	22.19	17.34	38.5	PASS
				RB25#0	21.73	16.88	38.5	PASS
				RB25#13	21.58	16.73	38.5	PASS
				RB25#25	21.47	16.62	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.56	16.71	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:

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

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

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

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	4.36	13	PASS
				RB1#3	4.31	13	PASS
				RB1#5	4.39	13	PASS
				RB3#0	4.77	13	PASS
				RB3#2	4.7	13	PASS
				RB3#3	4.73	13	PASS
				RB6#0	5.6	13	PASS
			MCH	RB1#0	4.08	13	PASS
				RB1#3	4.05	13	PASS
				RB1#5	4.09	13	PASS
				RB3#0	4.45	13	PASS
				RB3#2	4.37	13	PASS
				RB3#3	4.47	13	PASS
				RB6#0	5.44	13	PASS
			HCH	RB1#0	4.3	13	PASS
				RB1#3	4.19	13	PASS
				RB1#5	4.31	13	PASS
				RB3#0	4.43	13	PASS
				RB3#2	4.46	13	PASS
				RB3#3	4.48	13	PASS
				RB6#0	5.41	13	PASS
		3	LCH	RB1#0	4.5	13	PASS
				RB1#7	4.43	13	PASS
				RB1#14	4.39	13	PASS
				RB8#0	5.24	13	PASS
				RB8#4	5.09	13	PASS
				RB8#7	5.2	13	PASS
				RB15#0	5.6	13	PASS
			MCH	RB1#0	4.19	13	PASS
				RB1#7	4.1	13	PASS
				RB1#14	4.17	13	PASS
				RB8#0	5.03	13	PASS
				RB8#4	4.94	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5	13	PASS
				RB15#0	5.51	13	PASS
			HCH	RB1#0	4.36	13	PASS
				RB1#7	4.29	13	PASS
				RB1#14	4.37	13	PASS
				RB8#0	5.13	13	PASS
				RB8#4	5.04	13	PASS
				RB8#7	5.07	13	PASS
				RB15#0	5.44	13	PASS
		5	LCH	RB1#0	4.56	13	PASS
				RB1#13	4.35	13	PASS
				RB1#24	4.34	13	PASS
				RB12#0	5.13	13	PASS
				RB12#6	5.01	13	PASS
				RB12#13	5.07	13	PASS
				RB25#0	5.67	13	PASS
			MCH	RB1#0	4.24	13	PASS
				RB1#13	4.24	13	PASS
				RB1#24	4.28	13	PASS
				RB12#0	4.85	13	PASS
				RB12#6	4.83	13	PASS
				RB12#13	4.94	13	PASS
				RB25#0	5.46	13	PASS
			HCH	RB1#0	4.36	13	PASS
				RB1#13	4.36	13	PASS
				RB1#24	4.27	13	PASS
				RB12#0	5.16	13	PASS
				RB12#6	4.99	13	PASS
				RB12#13	5.11	13	PASS
				RB25#0	5.54	13	PASS
		10	LCH	RB1#0	4.46	13	PASS
				RB1#25	4.28	13	PASS
				RB1#49	4.17	13	PASS
				RB25#0	5.08	13	PASS
				RB25#13	5.08	13	PASS
				RB25#25	5.01	13	PASS
				RB50#0	5.68	13	PASS
			MCH	RB1#0	4.18	13	PASS
				RB1#25	4.12	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.17	13	PASS
				RB25#0	4.94	13	PASS
				RB25#13	4.91	13	PASS
				RB25#25	4.93	13	PASS
				RB50#0	5.96	13	PASS
			HCH	RB1#0	4.16	13	PASS
				RB1#25	4.29	13	PASS
				RB1#49	4.22	13	PASS
				RB25#0	5	13	PASS
				RB25#13	5.11	13	PASS
				RB25#25	5.07	13	PASS
				RB50#0	5.86	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.3	13	PASS
				RB1#3	5.2	13	PASS
				RB1#5	5.24	13	PASS
				RB3#0	5.62	13	PASS
				RB3#2	5.62	13	PASS
				RB3#3	5.71	13	PASS
				RB6#0	6.24	13	PASS
			MCH	RB1#0	4.93	13	PASS
				RB1#3	4.81	13	PASS
				RB1#5	4.8	13	PASS
				RB3#0	5.34	13	PASS
				RB3#2	5.28	13	PASS
				RB3#3	5.4	13	PASS
				RB6#0	5.83	13	PASS
			HCH	RB1#0	5.22	13	PASS
				RB1#3	4.97	13	PASS
				RB1#5	4.95	13	PASS
				RB3#0	4.99	13	PASS
				RB3#2	5.13	13	PASS
				RB3#3	5.17	13	PASS
				RB6#0	5.98	13	PASS
		3	LCH	RB1#0	5.19	13	PASS
				RB1#7	5.02	13	PASS
				RB1#14	5.1	13	PASS
				RB8#0	6.04	13	PASS
				RB8#4	5.85	13	PASS
				RB8#7	5.9	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB15#0	6.46	13	PASS
				RB1#0	4.95	13	PASS
			MCH	RB1#7	4.77	13	PASS
				RB1#14	5.02	13	PASS
				RB8#0	5.65	13	PASS
				RB8#4	5.62	13	PASS
				RB8#7	5.68	13	PASS
				RB15#0	6.32	13	PASS
			HCH	RB1#0	5.1	13	PASS
				RB1#7	5	13	PASS
				RB1#14	5.06	13	PASS
				RB8#0	5.75	13	PASS
				RB8#4	5.82	13	PASS
				RB8#7	5.73	13	PASS
				RB15#0	6.07	13	PASS
		5	LCH	RB1#0	5.49	13	PASS
				RB1#13	5.32	13	PASS
				RB1#24	5.32	13	PASS
				RB12#0	5.94	13	PASS
				RB12#6	5.92	13	PASS
				RB12#13	5.9	13	PASS
				RB25#0	6.46	13	PASS
			MCH	RB1#0	5.2	13	PASS
				RB1#13	5.14	13	PASS
				RB1#24	5.15	13	PASS
				RB12#0	5.65	13	PASS
				RB12#6	5.79	13	PASS
				RB12#13	5.81	13	PASS
				RB25#0	6.32	13	PASS
			HCH	RB1#0	4.74	13	PASS
				RB1#13	4.64	13	PASS
				RB1#24	4.63	13	PASS
				RB12#0	5.96	13	PASS
				RB12#6	5.89	13	PASS
				RB12#13	5.91	13	PASS
				RB25#0	6.77	13	PASS
		10	LCH	RB1#0	5.52	13	PASS
				RB1#25	5.13	13	PASS
				RB1#49	5.01	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.2	13	PASS
				RB25#13	5.99	13	PASS
				RB25#25	6.09	13	PASS
				RB50#0	6.22	13	PASS
			MCH	RB1#0	5.24	13	PASS
				RB1#25	4.89	13	PASS
				RB1#49	5.09	13	PASS
				RB25#0	5.94	13	PASS
				RB25#13	5.87	13	PASS
				RB25#25	5.99	13	PASS
				RB50#0	6.82	13	PASS
			HCH	RB1#0	5.1	13	PASS
				RB1#25	5.25	13	PASS
				RB1#49	5.22	13	PASS
				RB25#0	5.87	13	PASS
				RB25#13	5.94	13	PASS
				RB25#25	5.99	13	PASS
				RB50#0	6.17	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

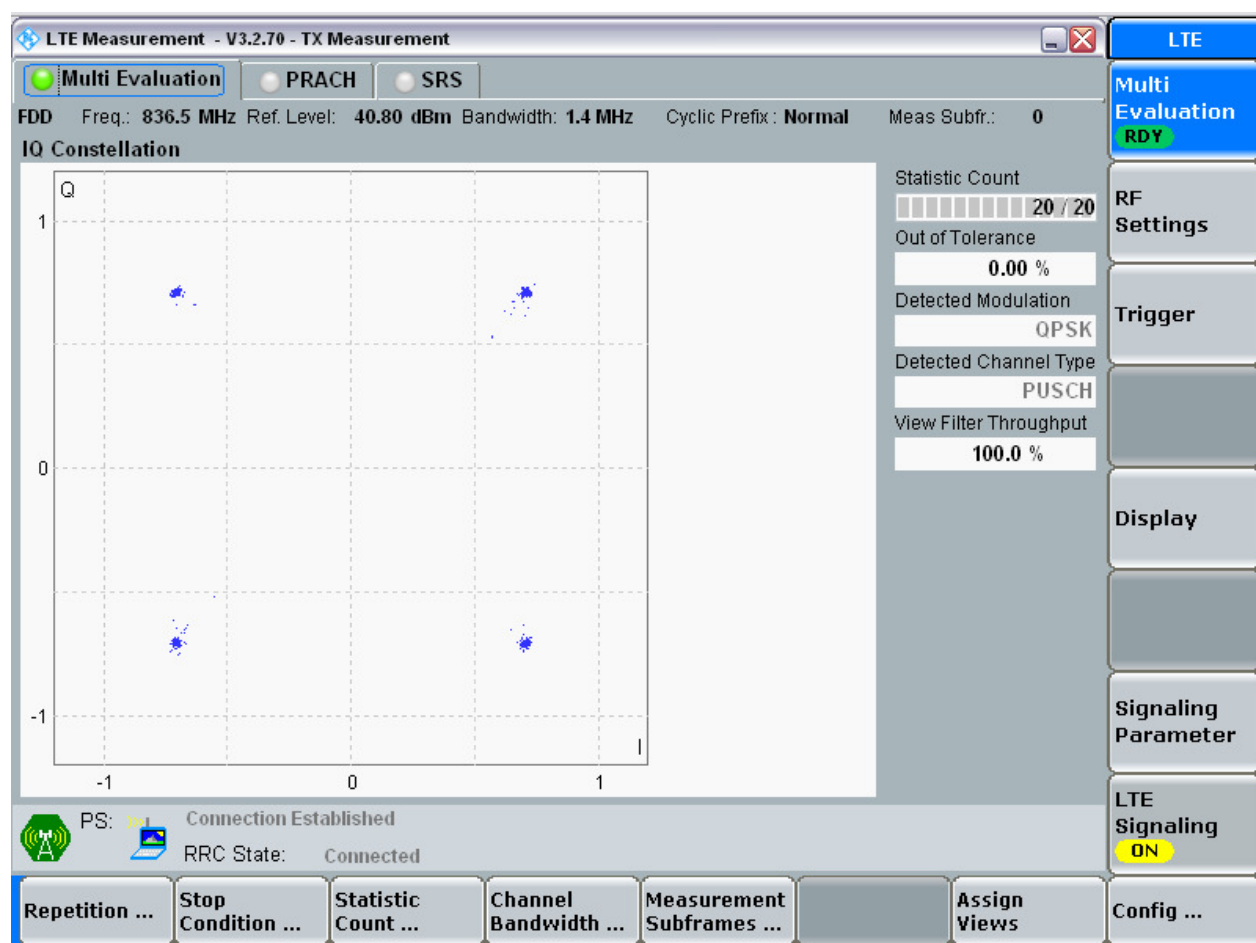
3.1.1 Test Band = BAND5

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

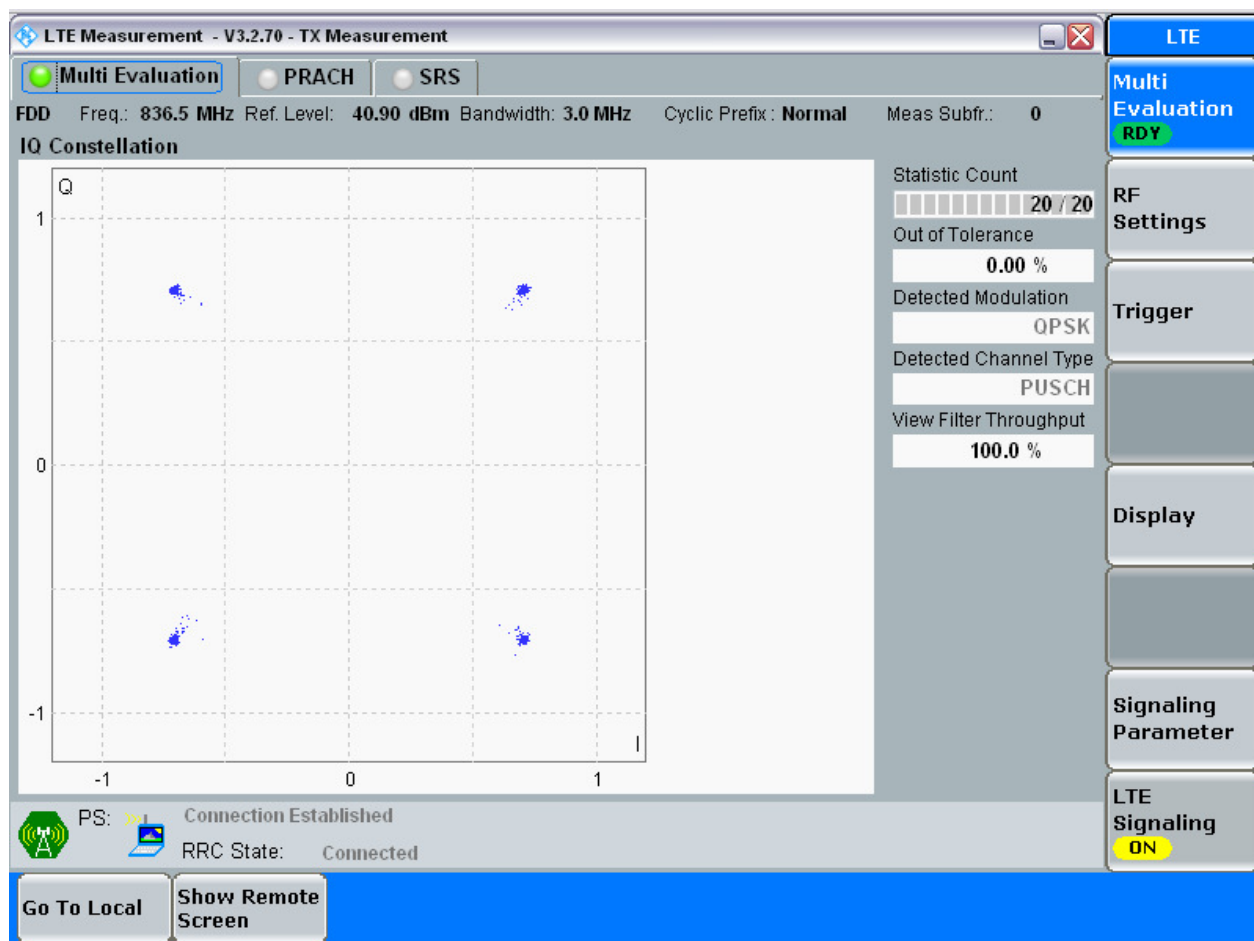
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

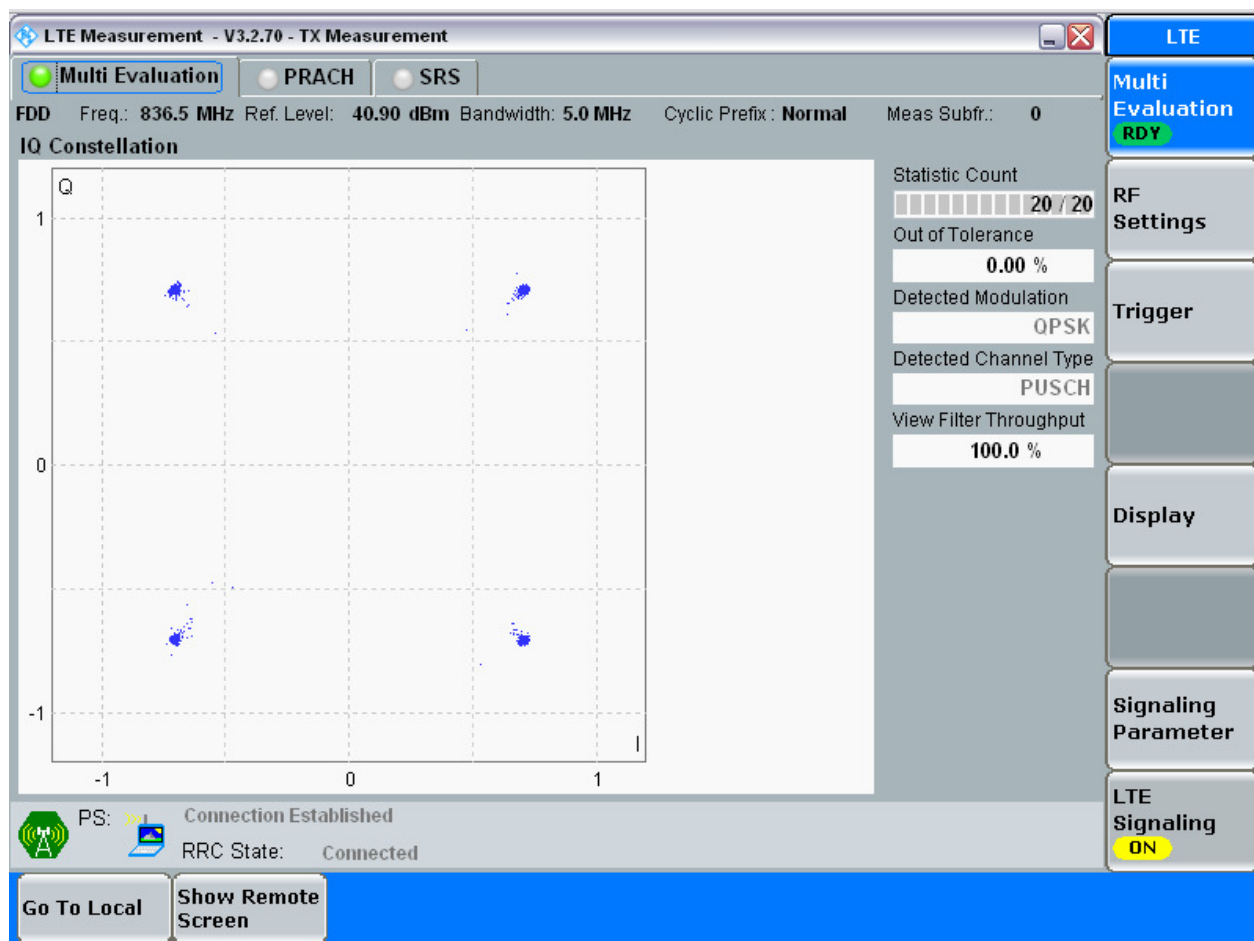
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

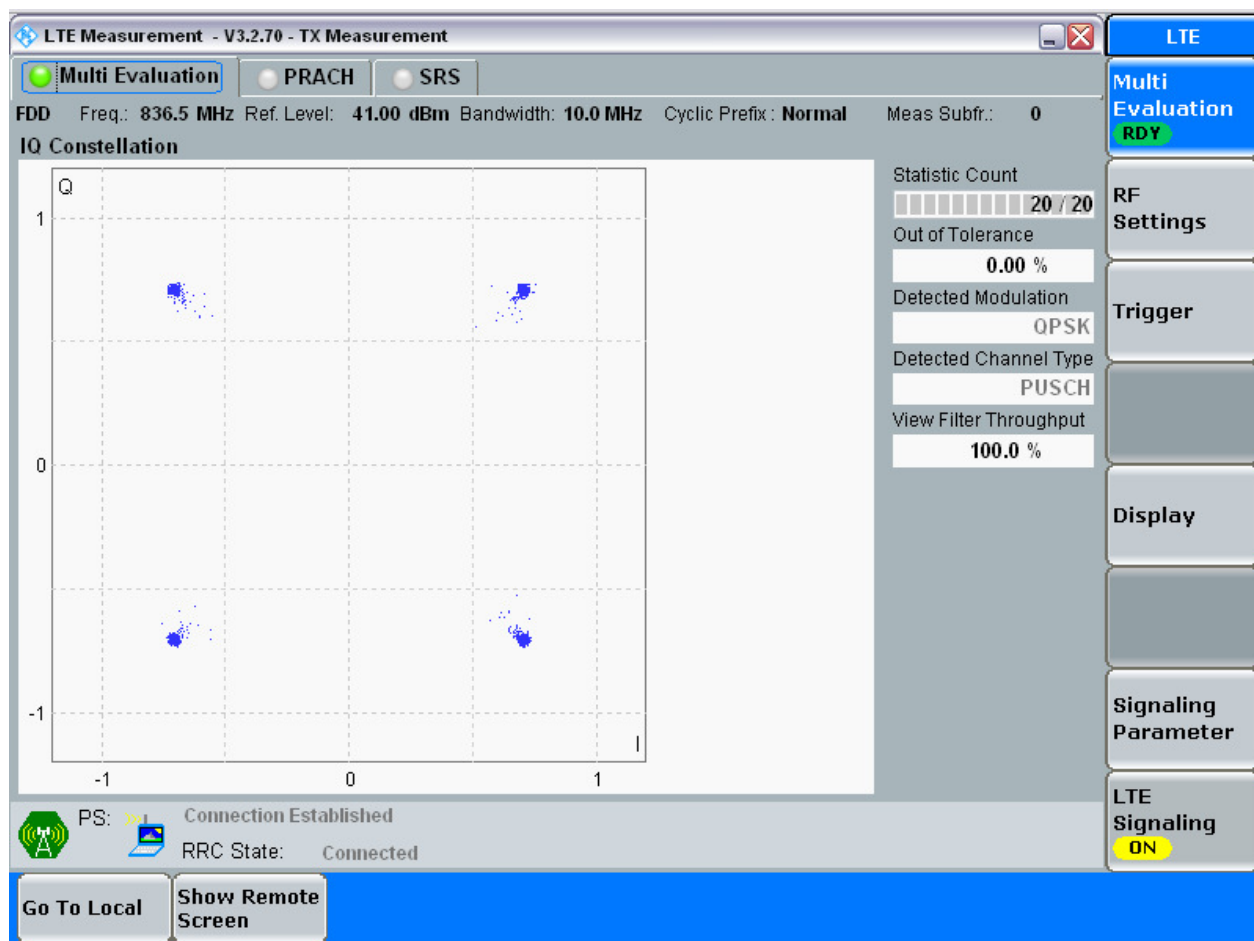
3.1.1.1.3.1.1 Test RB = RB25#0



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

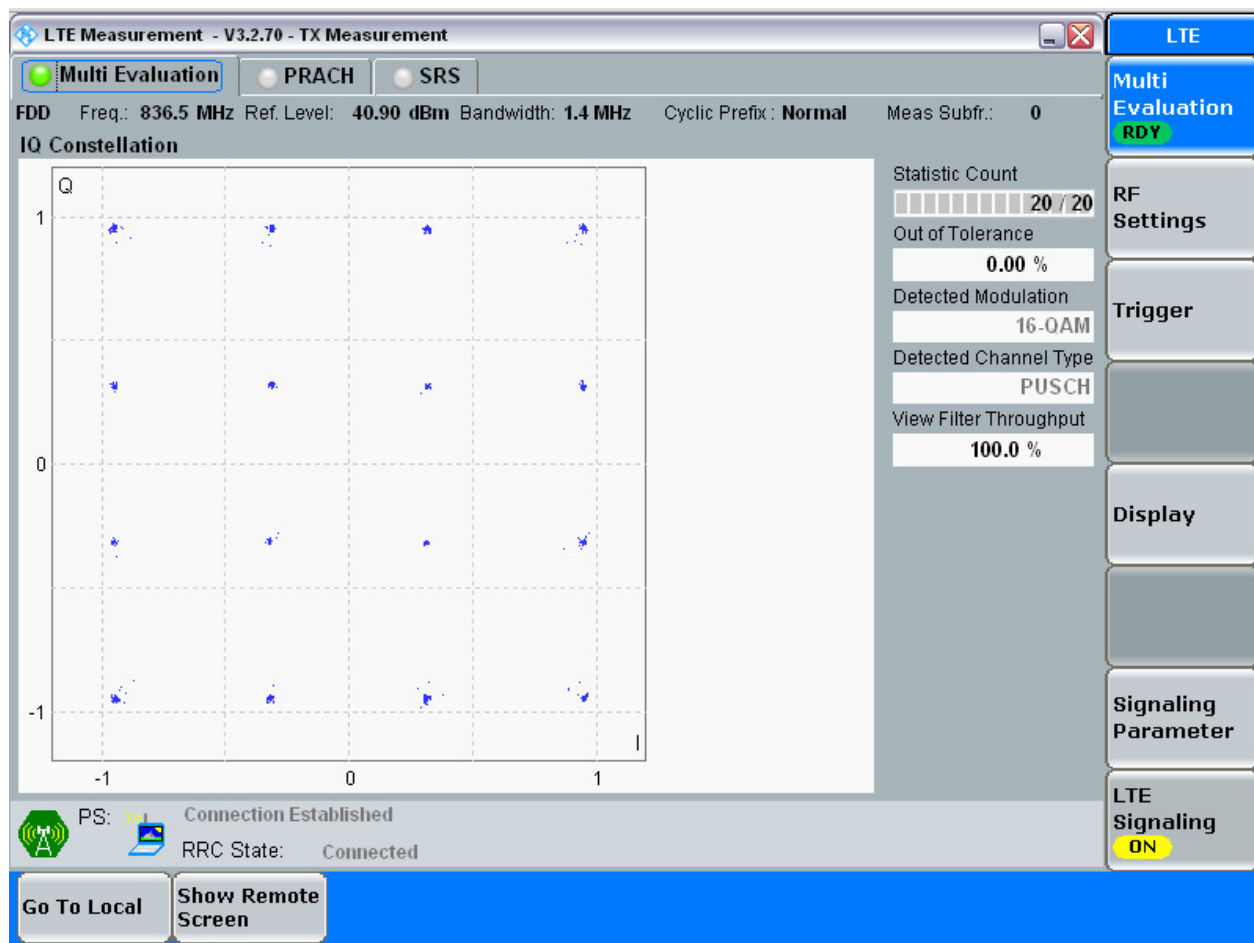


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

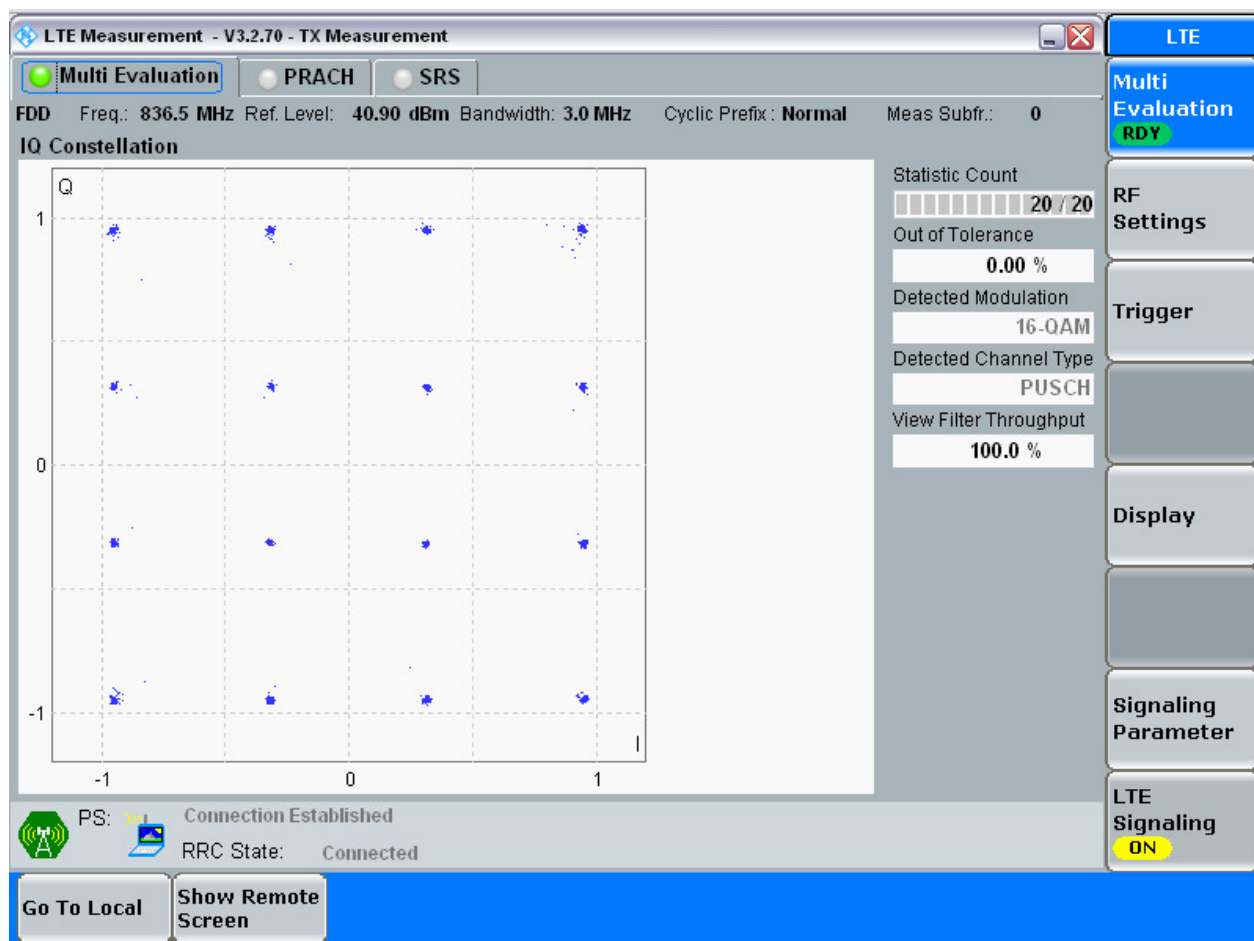
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

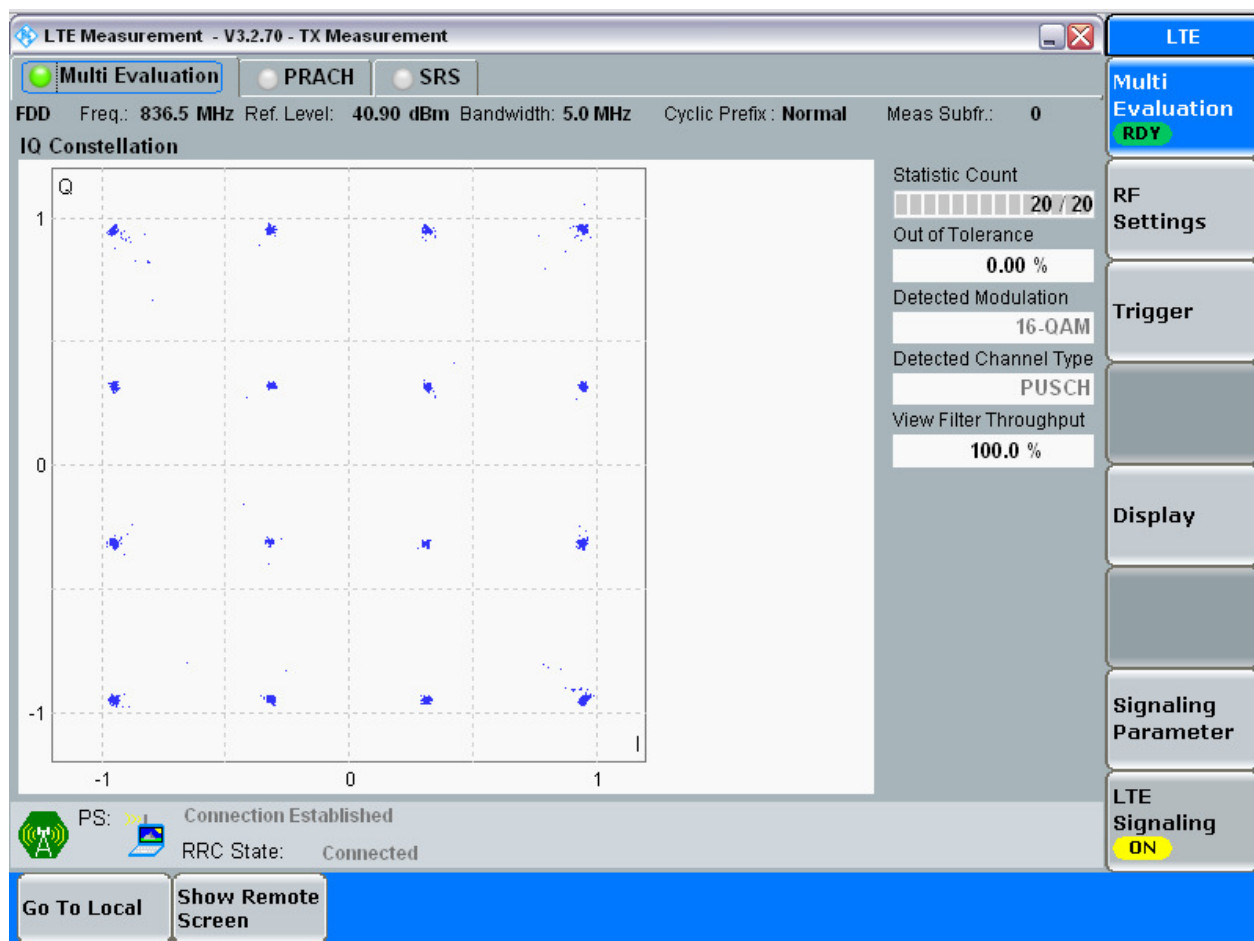
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

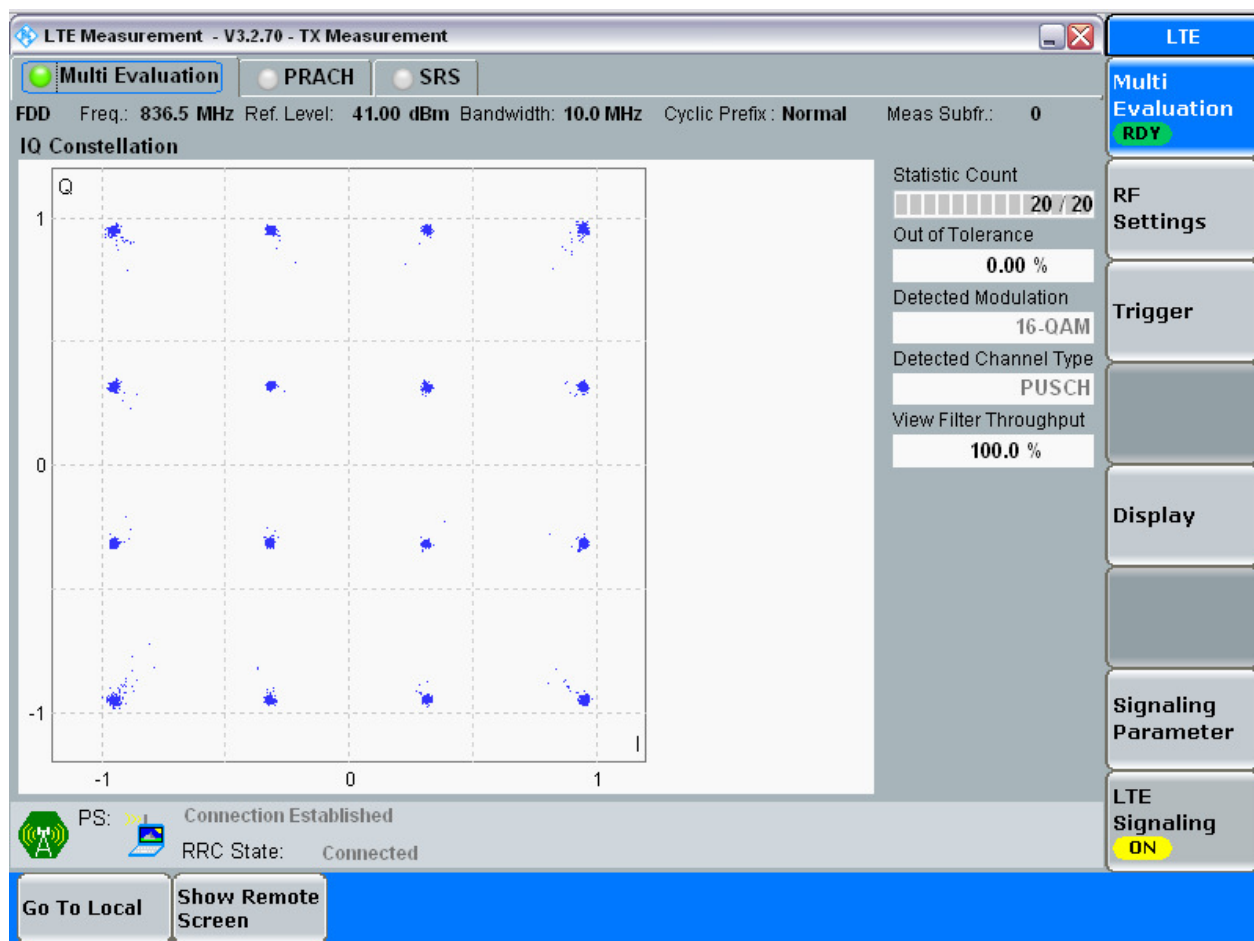
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.25	Pass
			MCH	RB6#0	1.09	1.26	Pass
			HCH	RB6#0	1.08	1.26	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.95	Pass
		5	LCH	RB25#0	4.51	4.87	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	9.00	9.64	Pass
			MCH	RB50#0	9.01	9.64	Pass
			HCH	RB50#0	8.99	9.62	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.27	Pass
			HCH	RB6#0	1.09	1.26	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.71	2.94	Pass
		5	LCH	RB25#0	4.50	4.84	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.51	4.87	Pass
		10	LCH	RB50#0	8.99	9.61	Pass
			MCH	RB50#0	9.00	9.65	Pass
			HCH	RB50#0	9.00	9.59	Pass
			HCH	RB50#0	8.99	9.56	Pass

Part II - Test Plots

4.1 For LTE

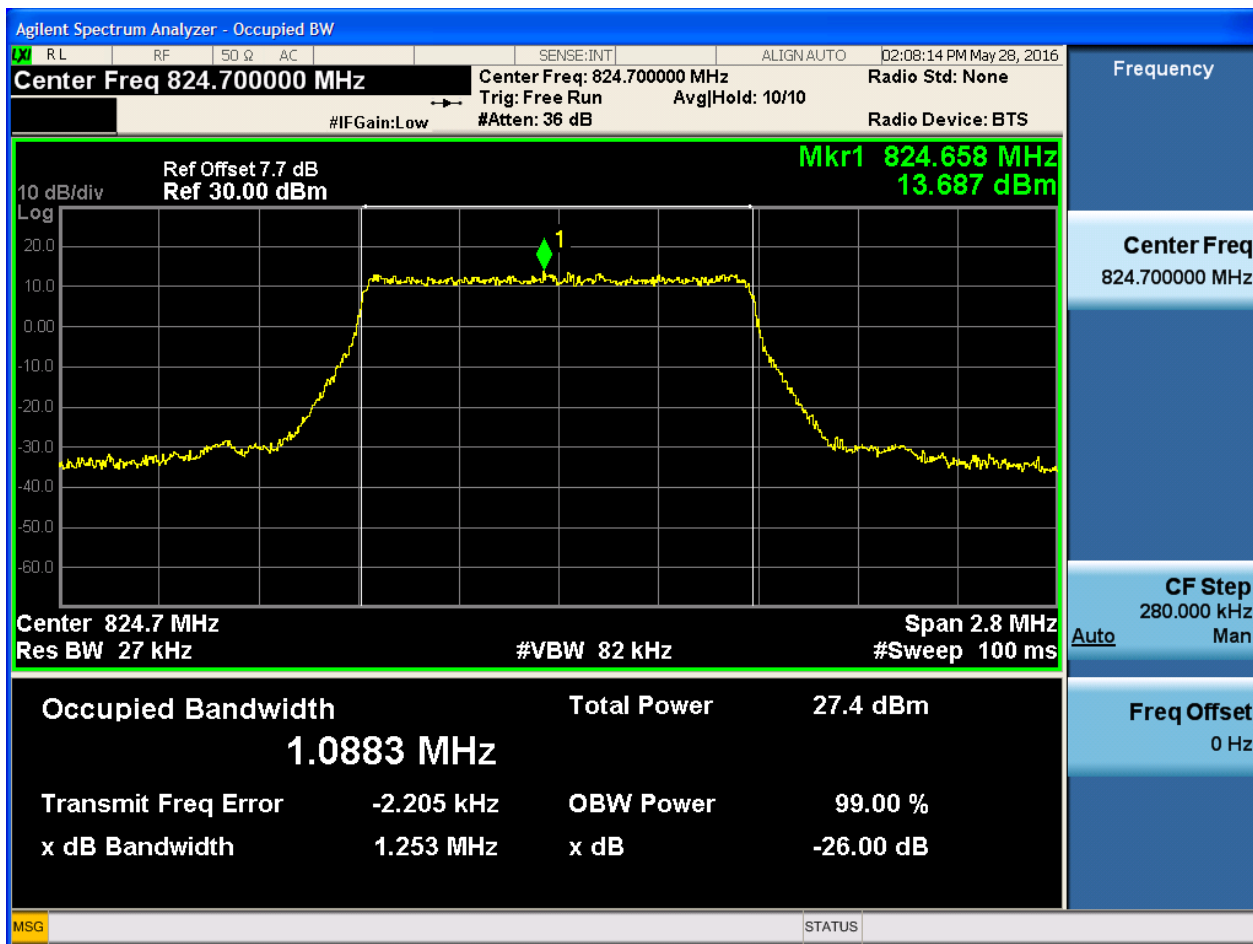
4.1.1 Test Band = BAND5

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

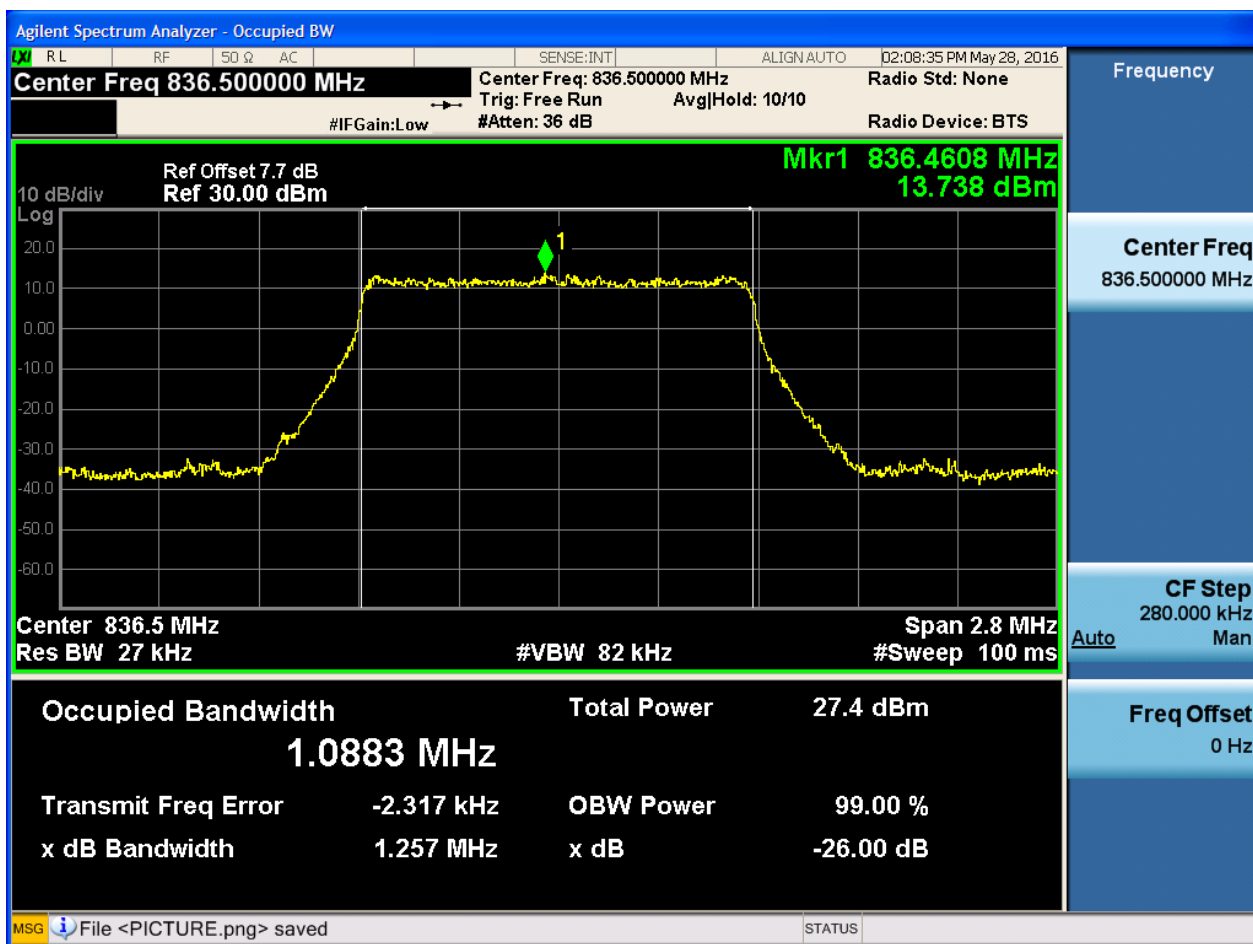
4.1.1.1.1.1 Test RB = RB6#0





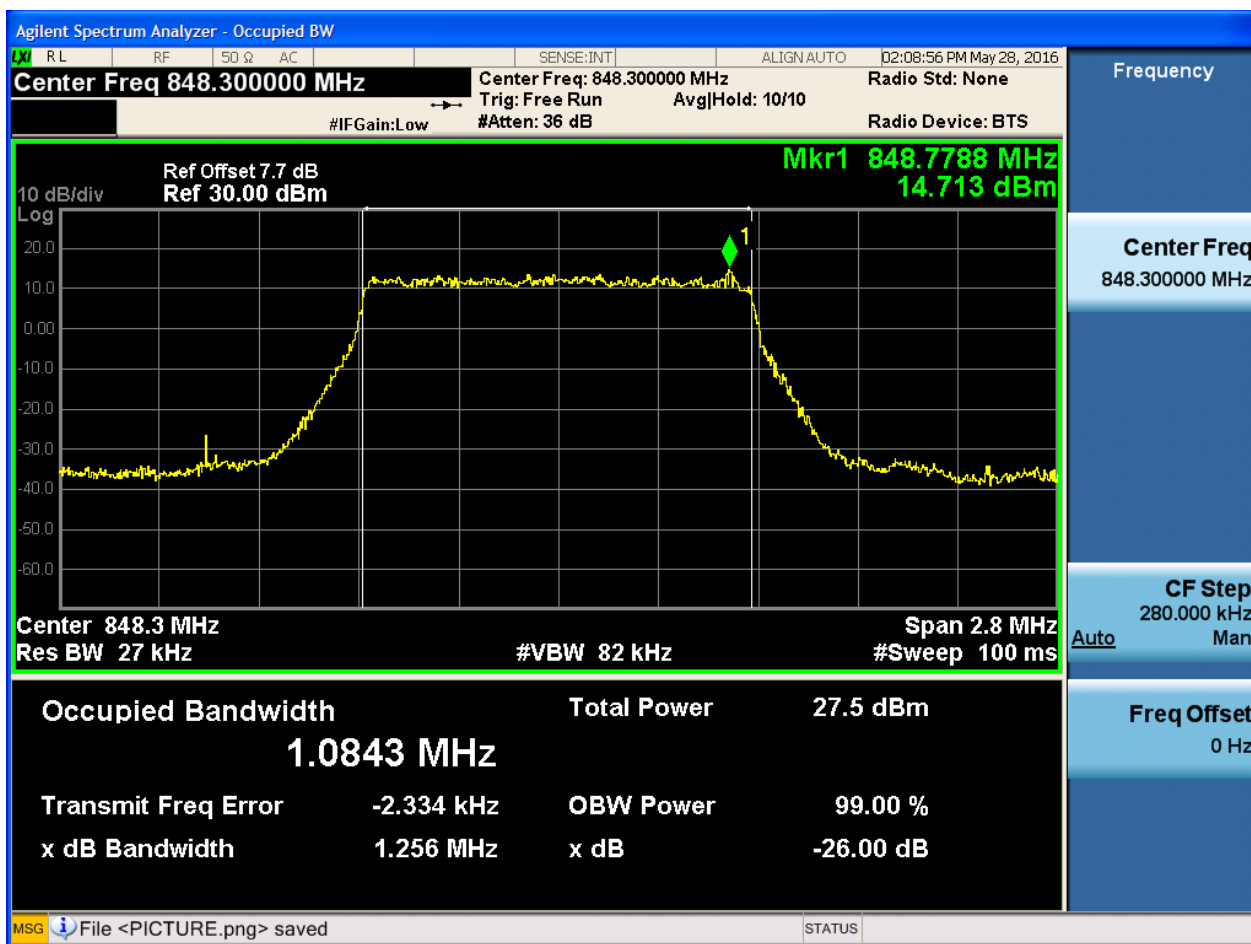
4.1.1.1.2 Test Channel = MCH

4.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.3 Test Channel = HCH

4.1.1.1.3.1 Test RB = RB6#0

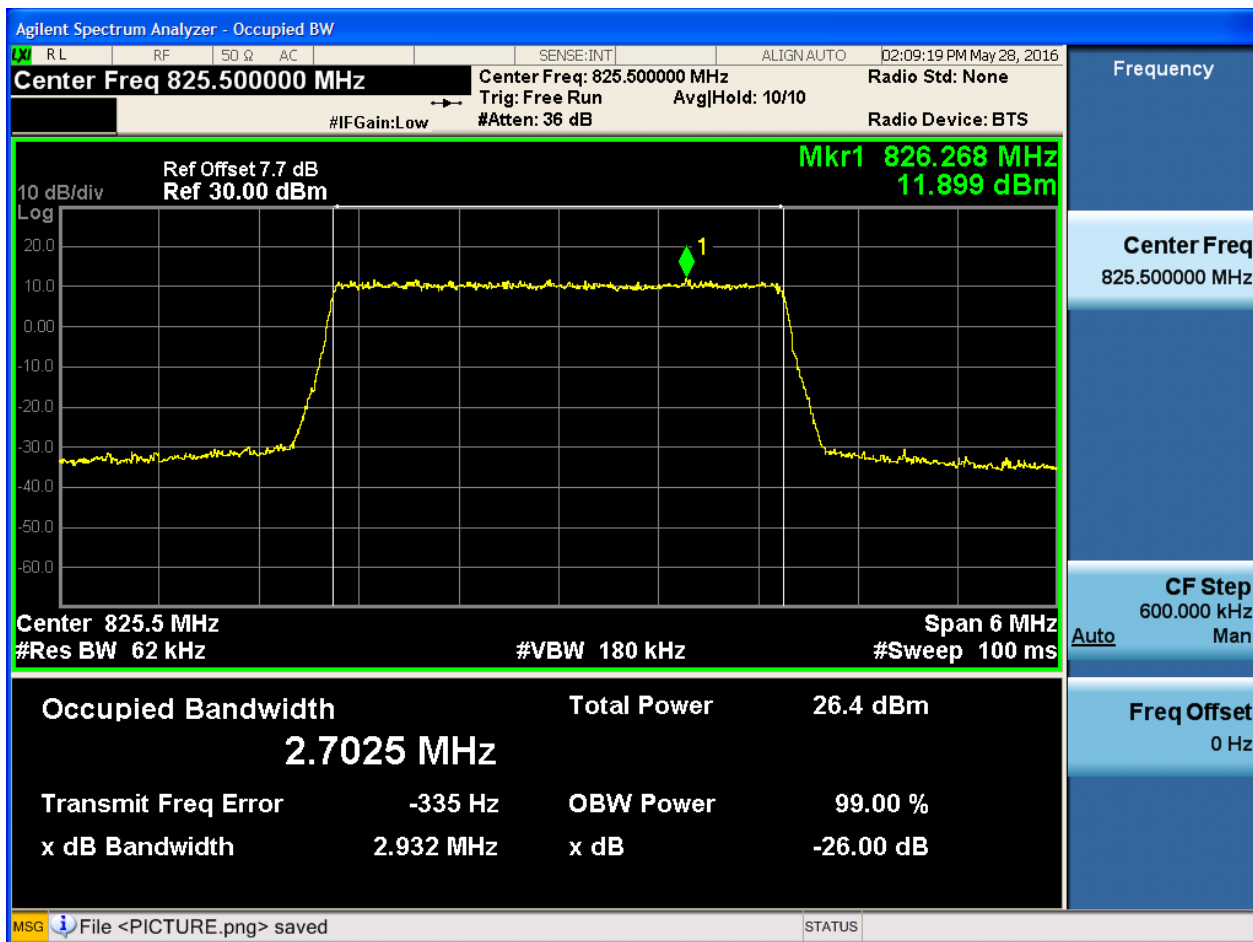




4.1.1.1.2 Test Bandwidth = 3

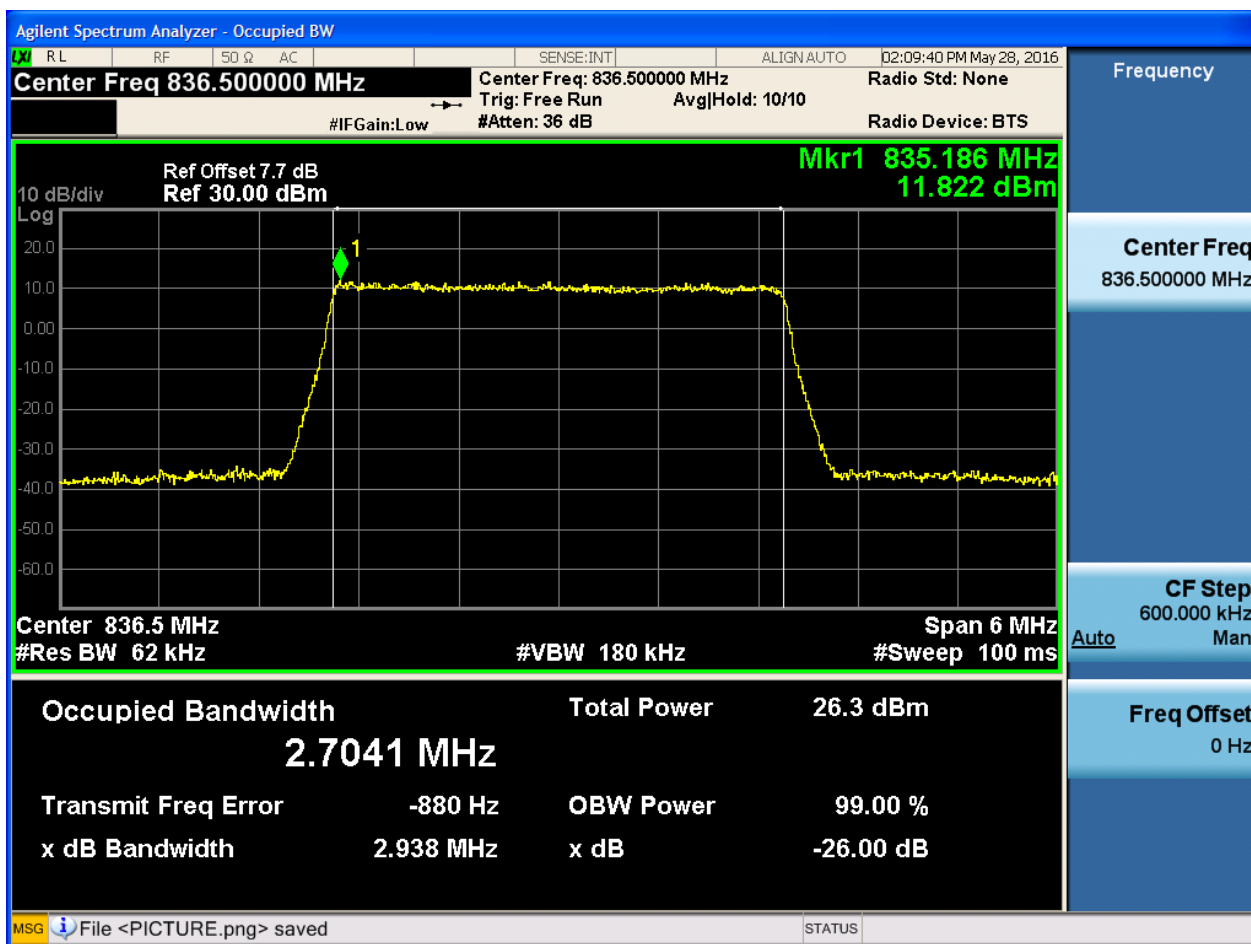
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



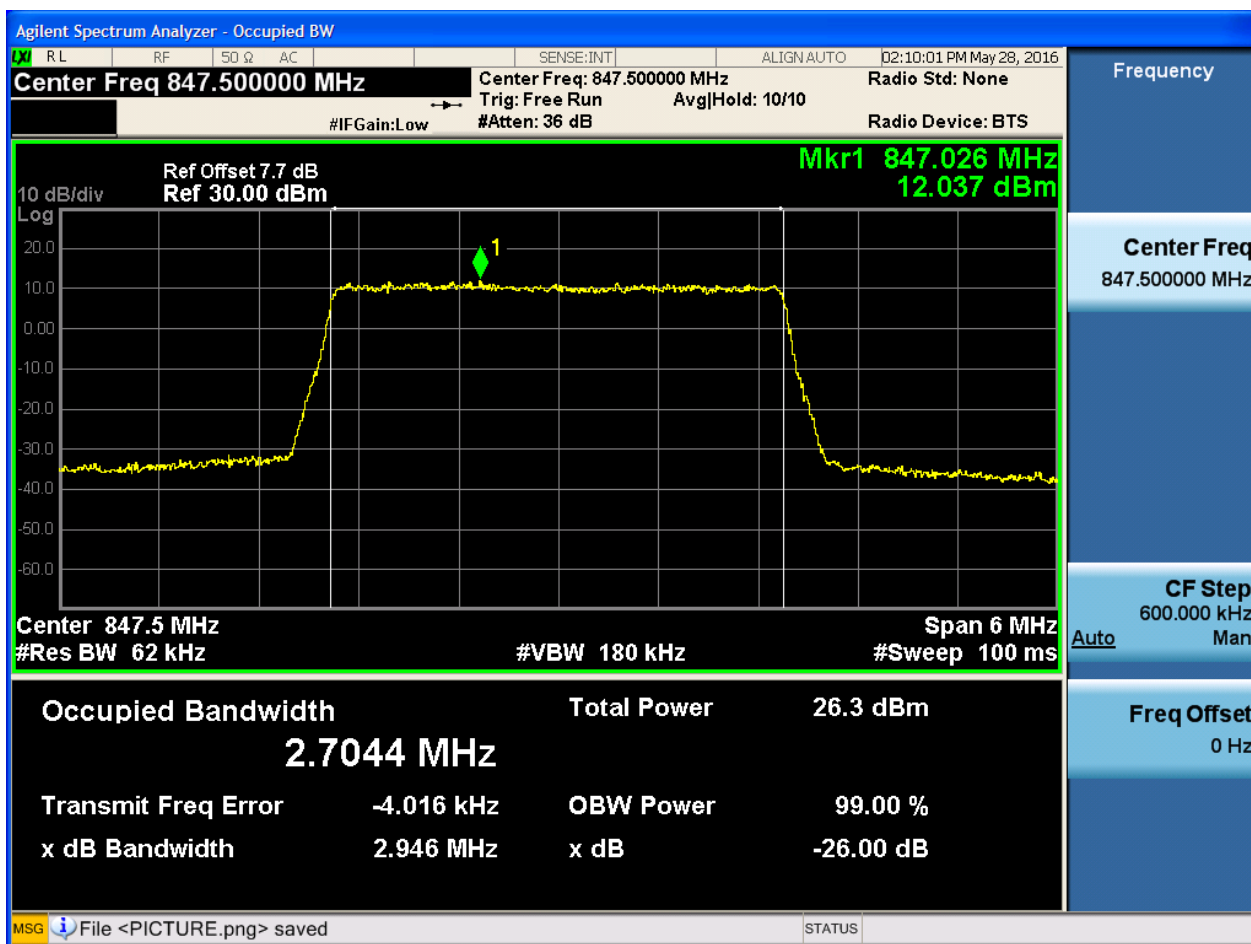
4.1.1.1.2.2 Test Channel = MCH

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

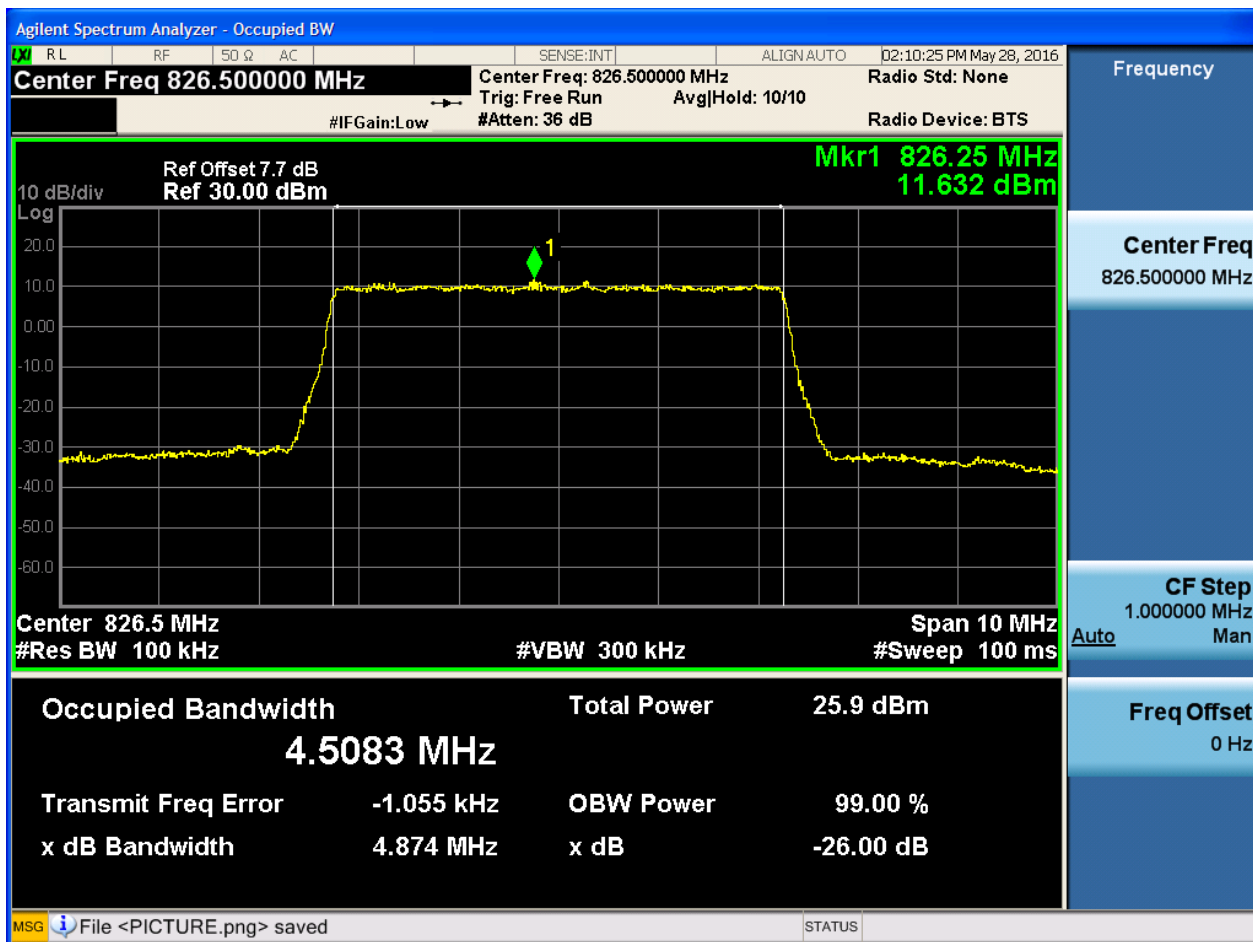




4.1.1.1.3 Test Bandwidth = 5

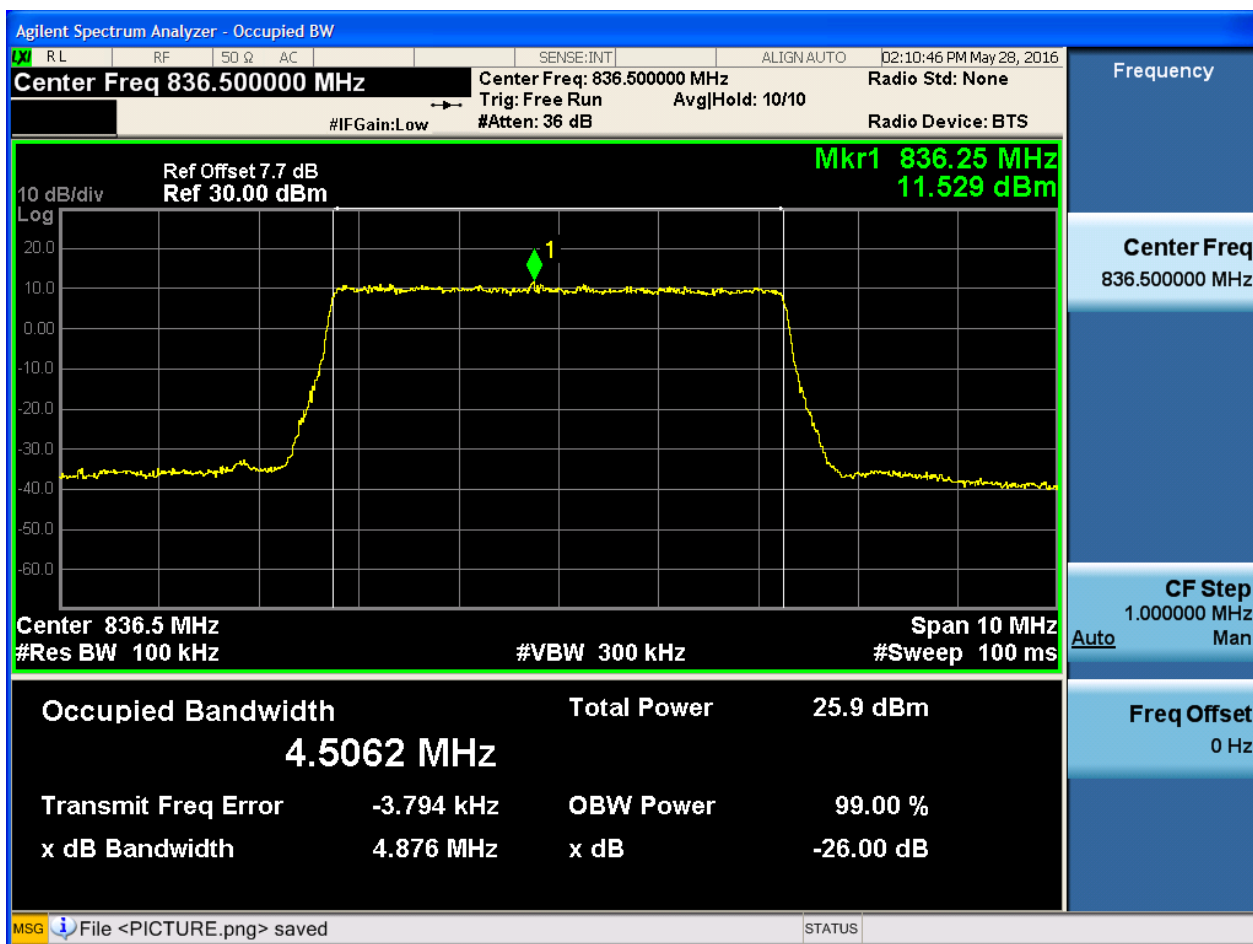
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



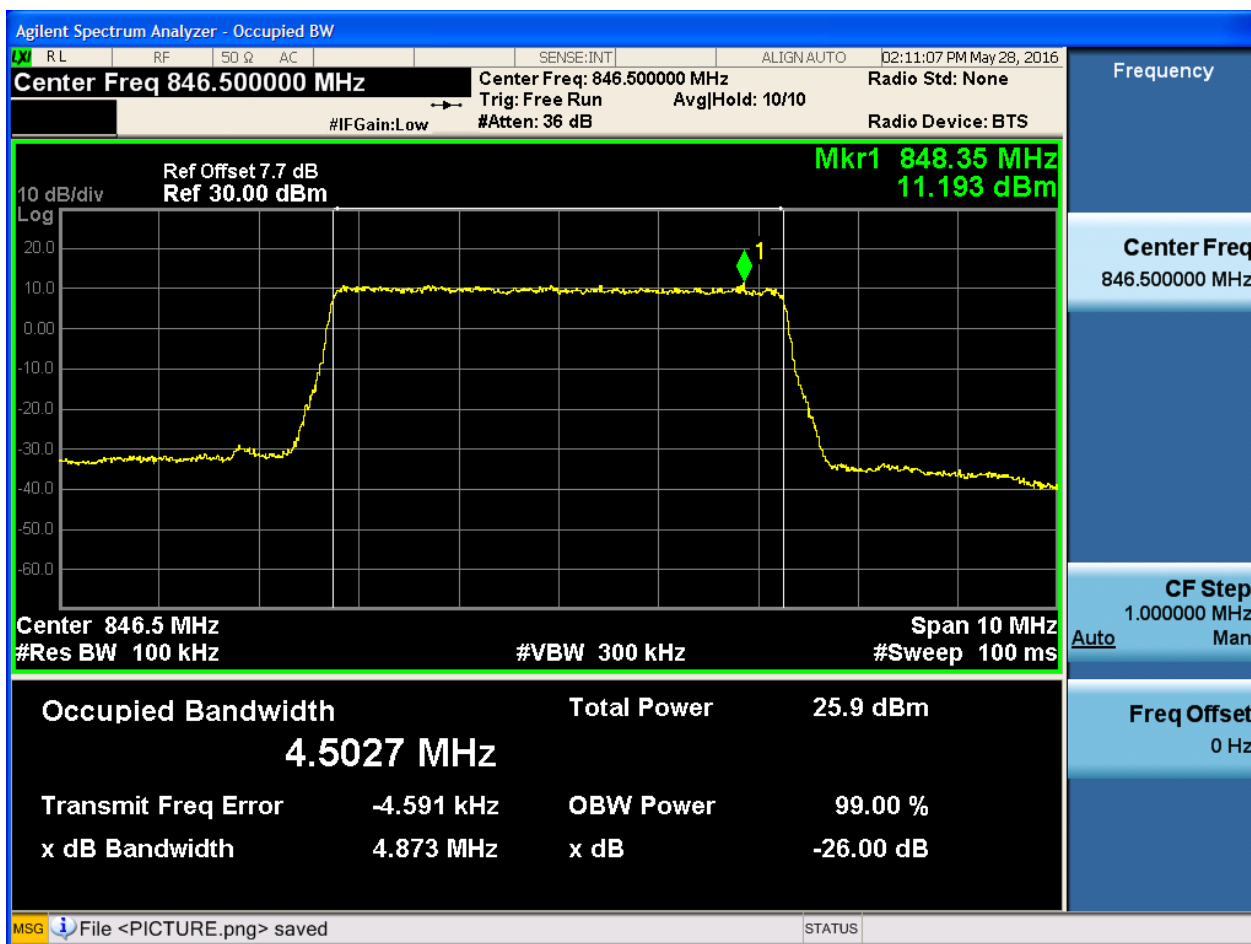
4.1.1.1.3.2 Test Channel = MCH

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

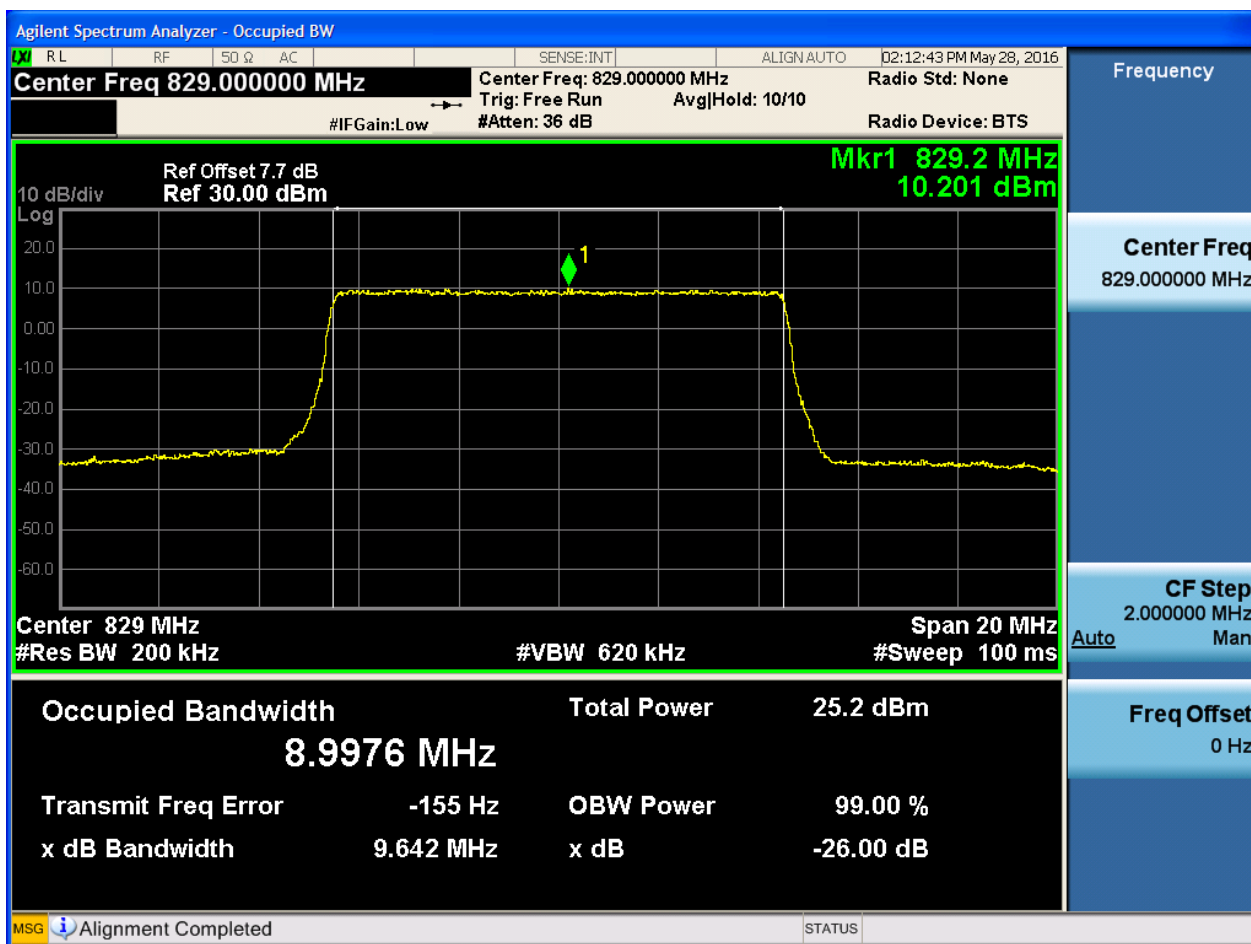




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

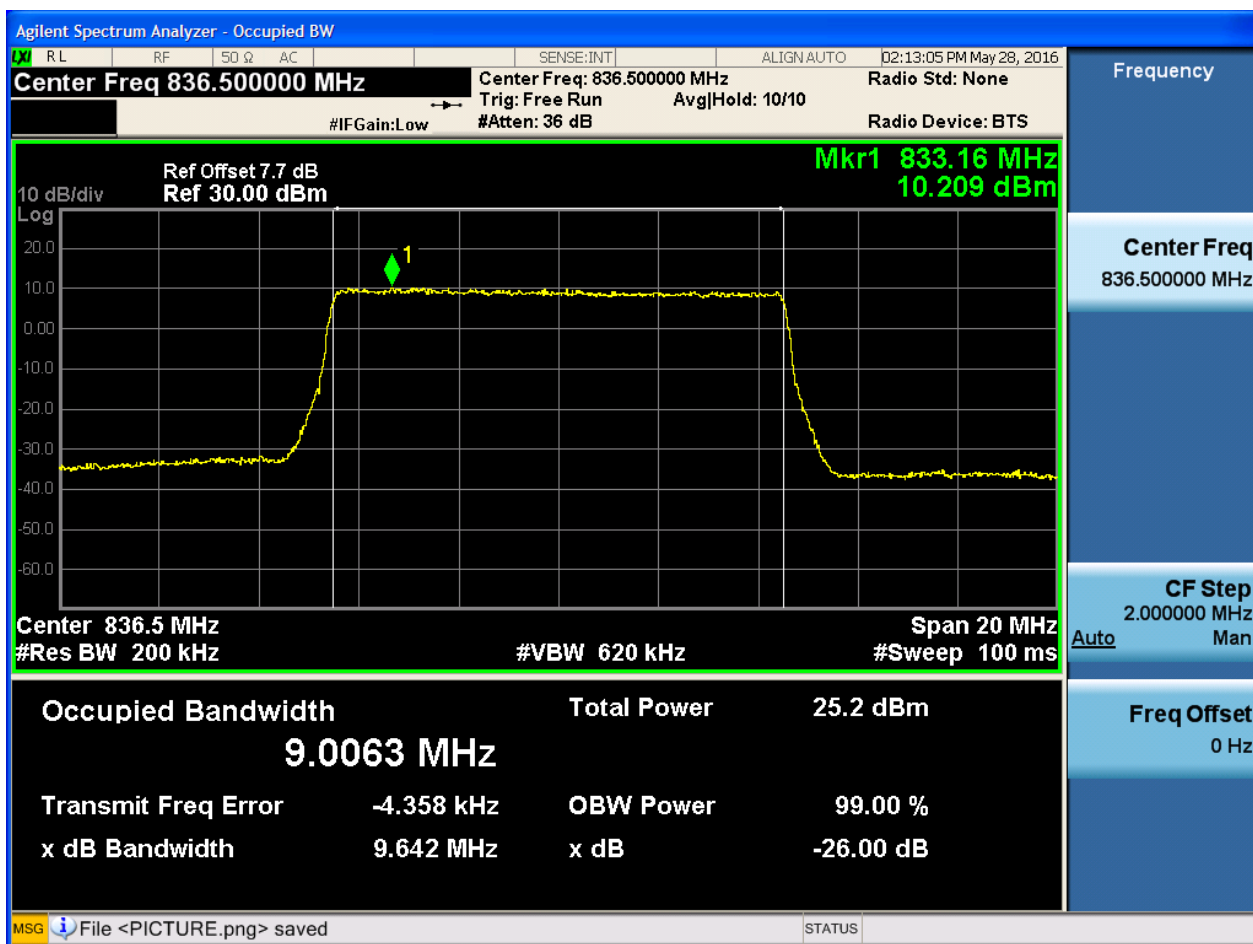
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

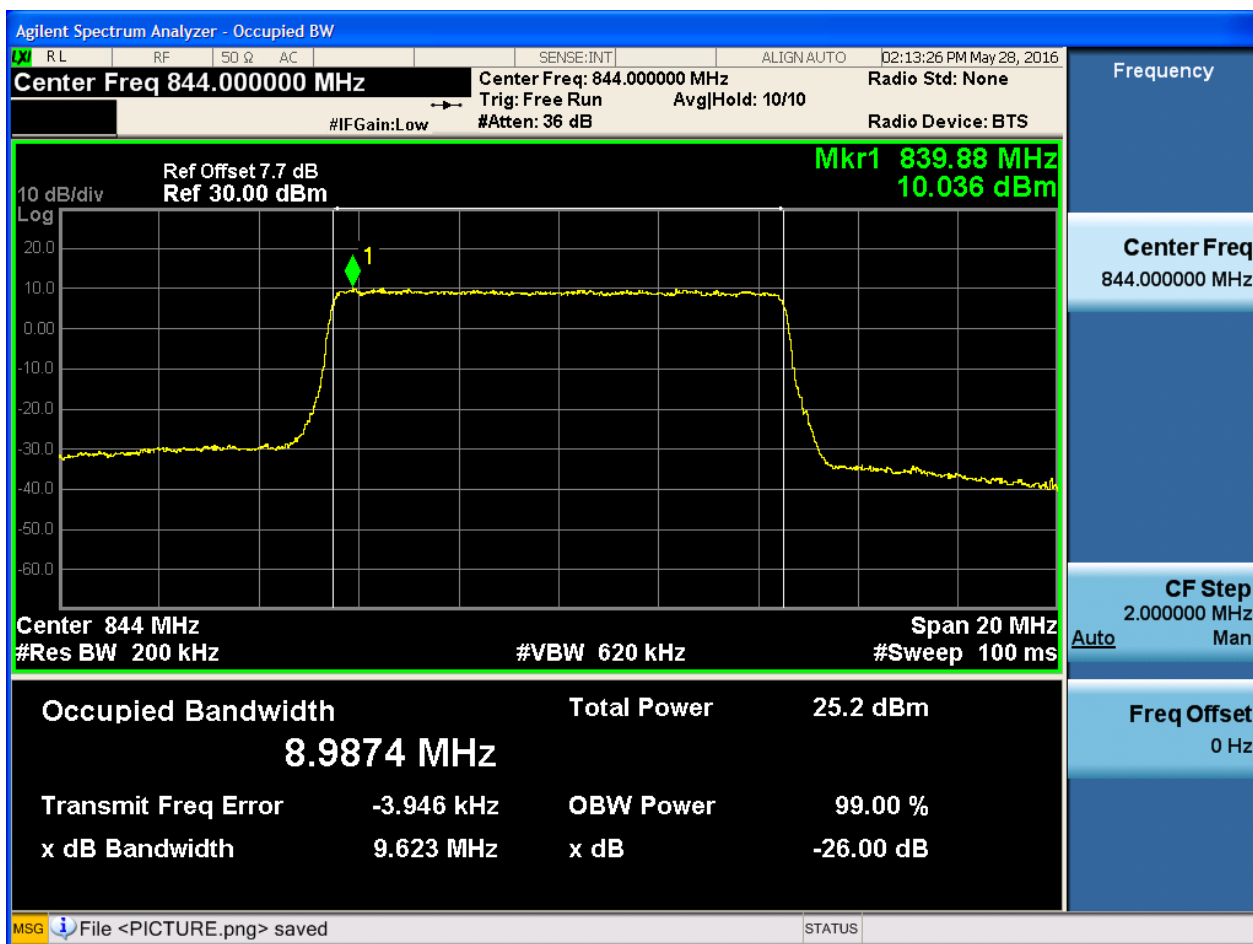
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



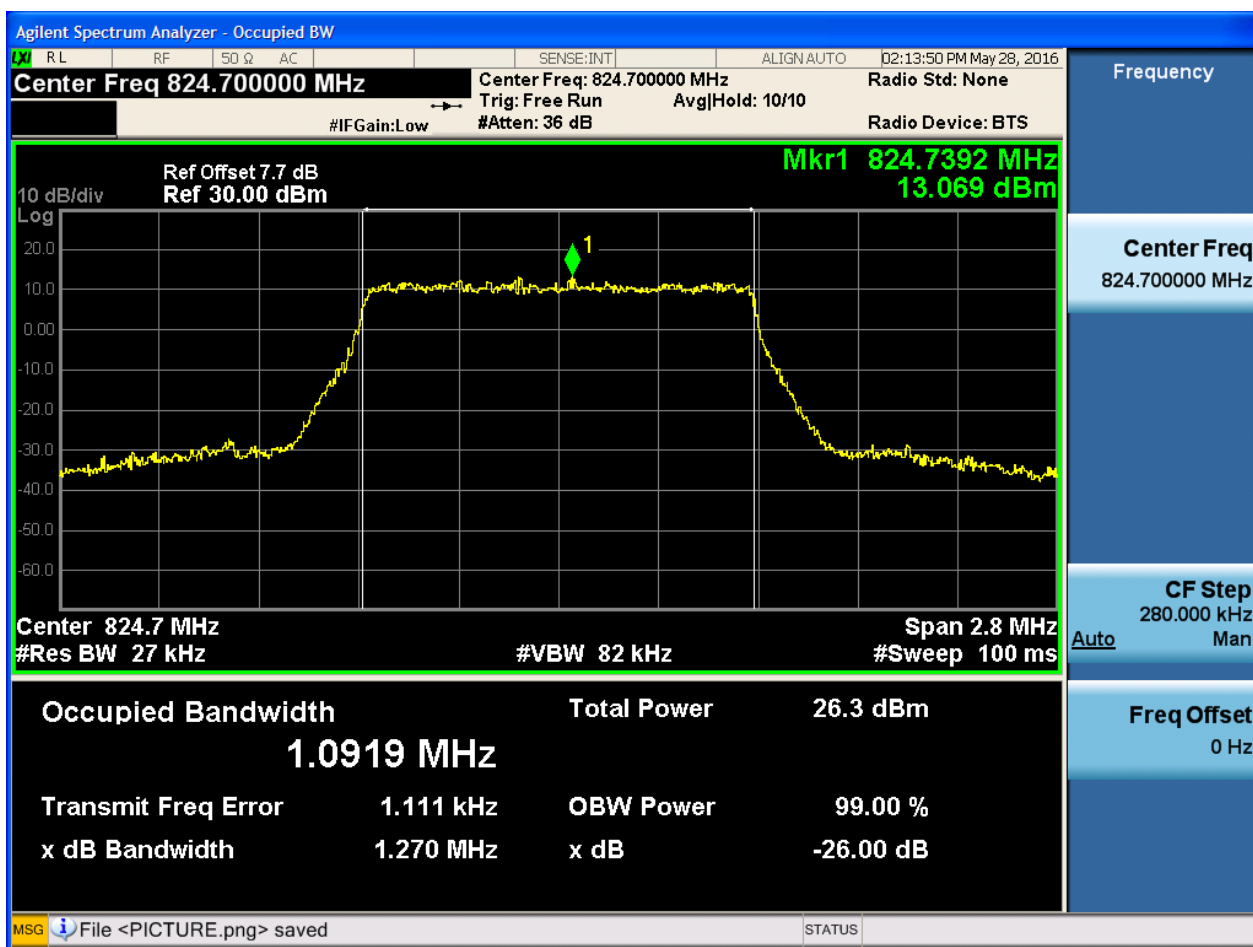


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

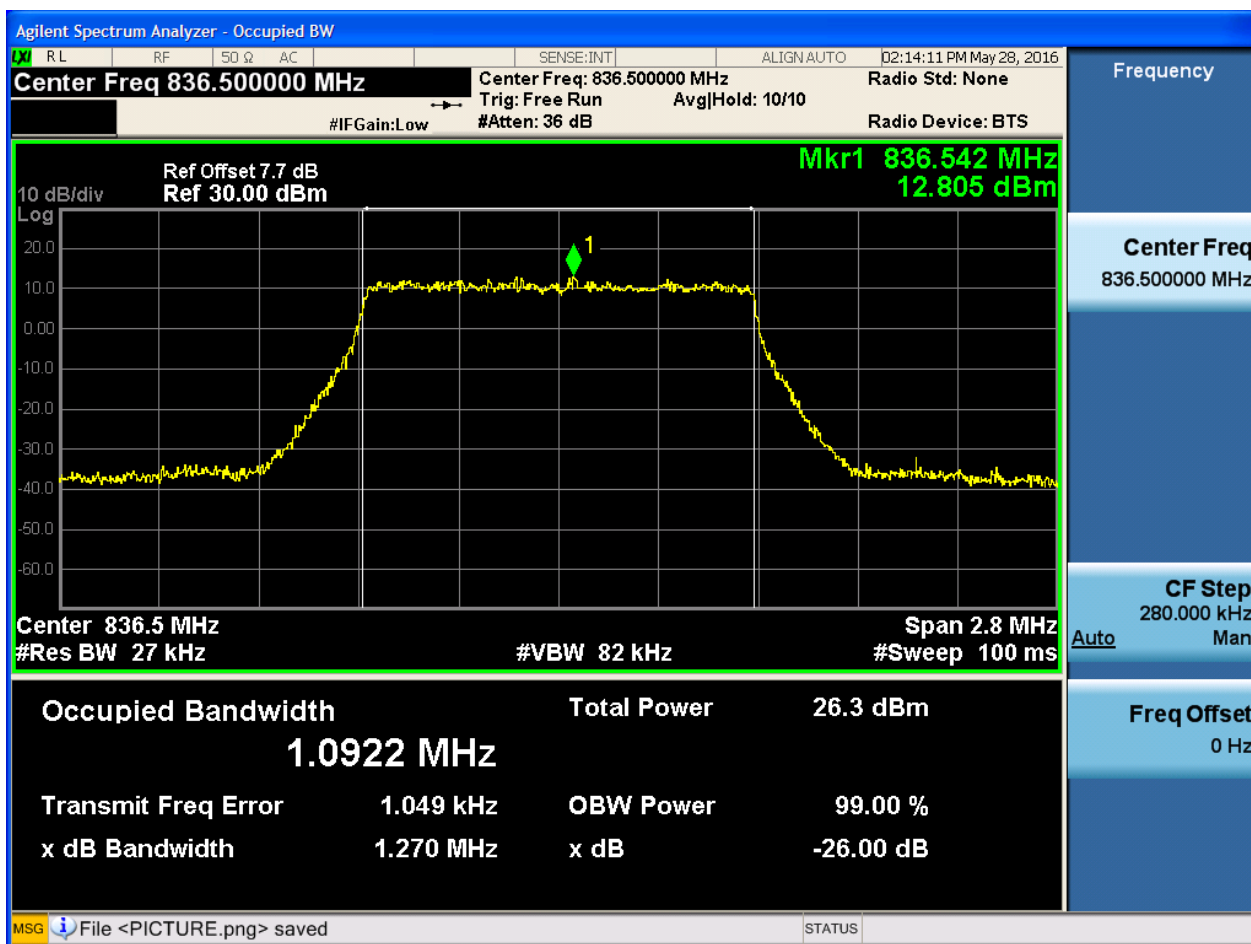
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



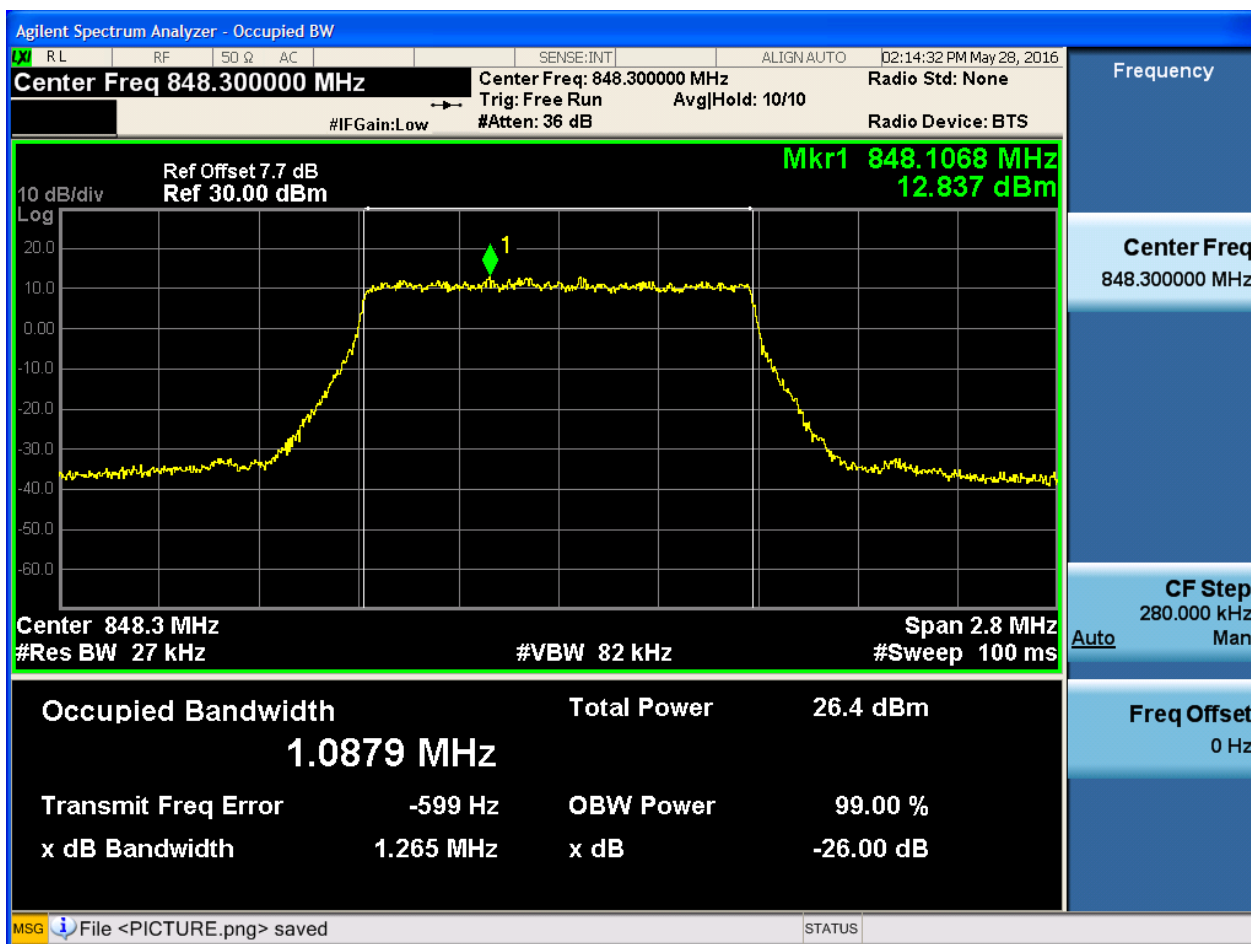
4.1.1.2.1.2 Test Channel = MCH

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

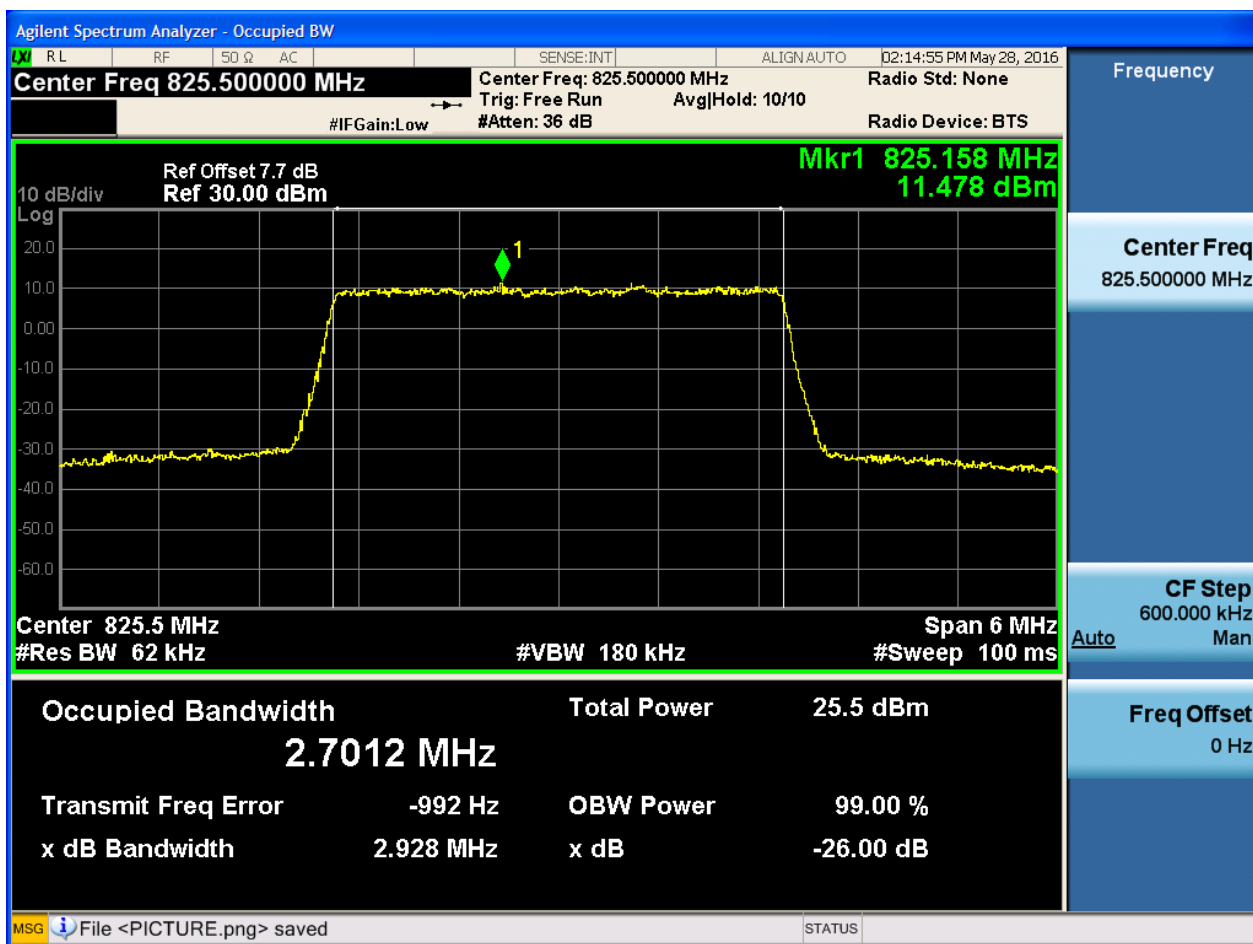




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

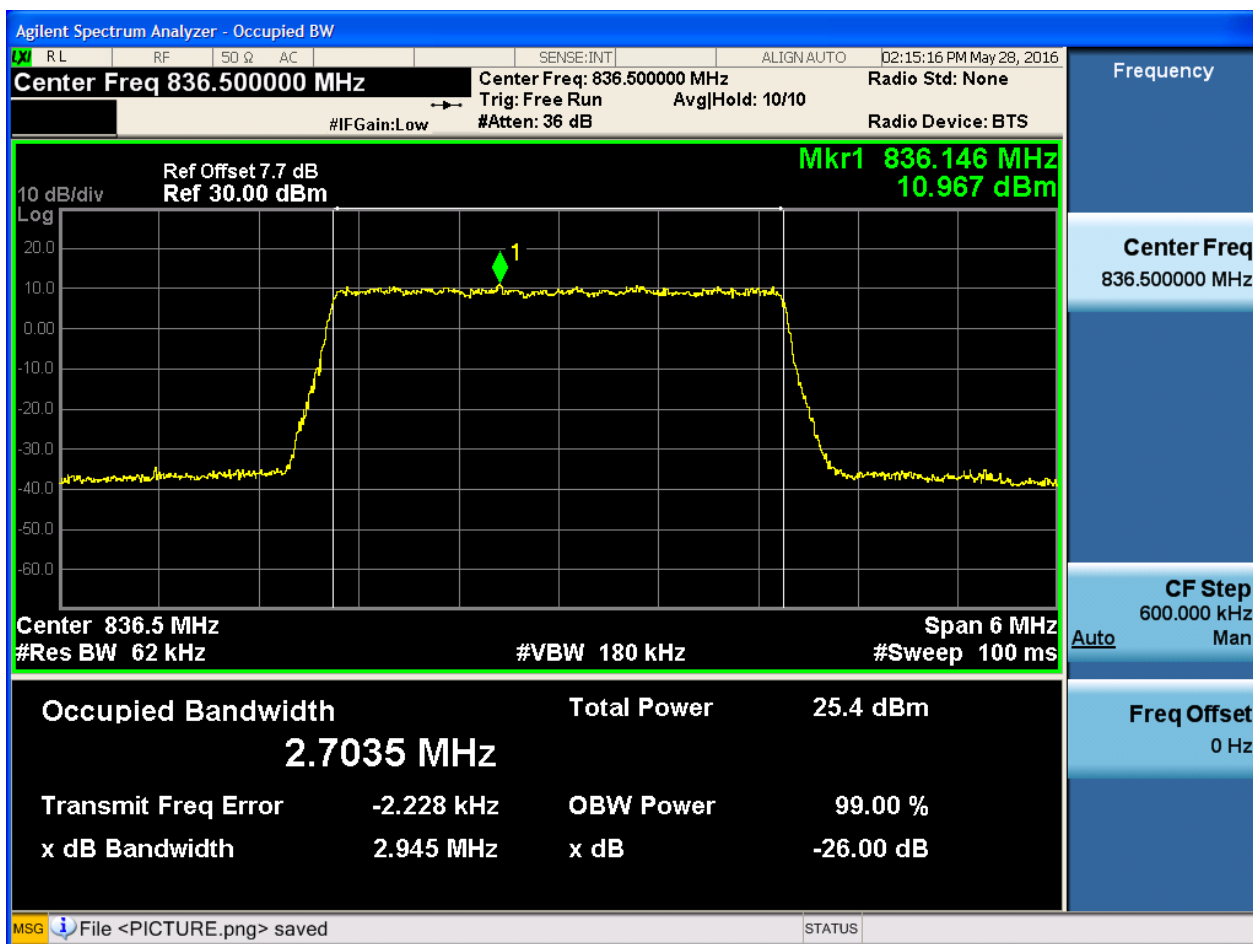
4.1.1.2.2.1.1 Test RB = RB15#0





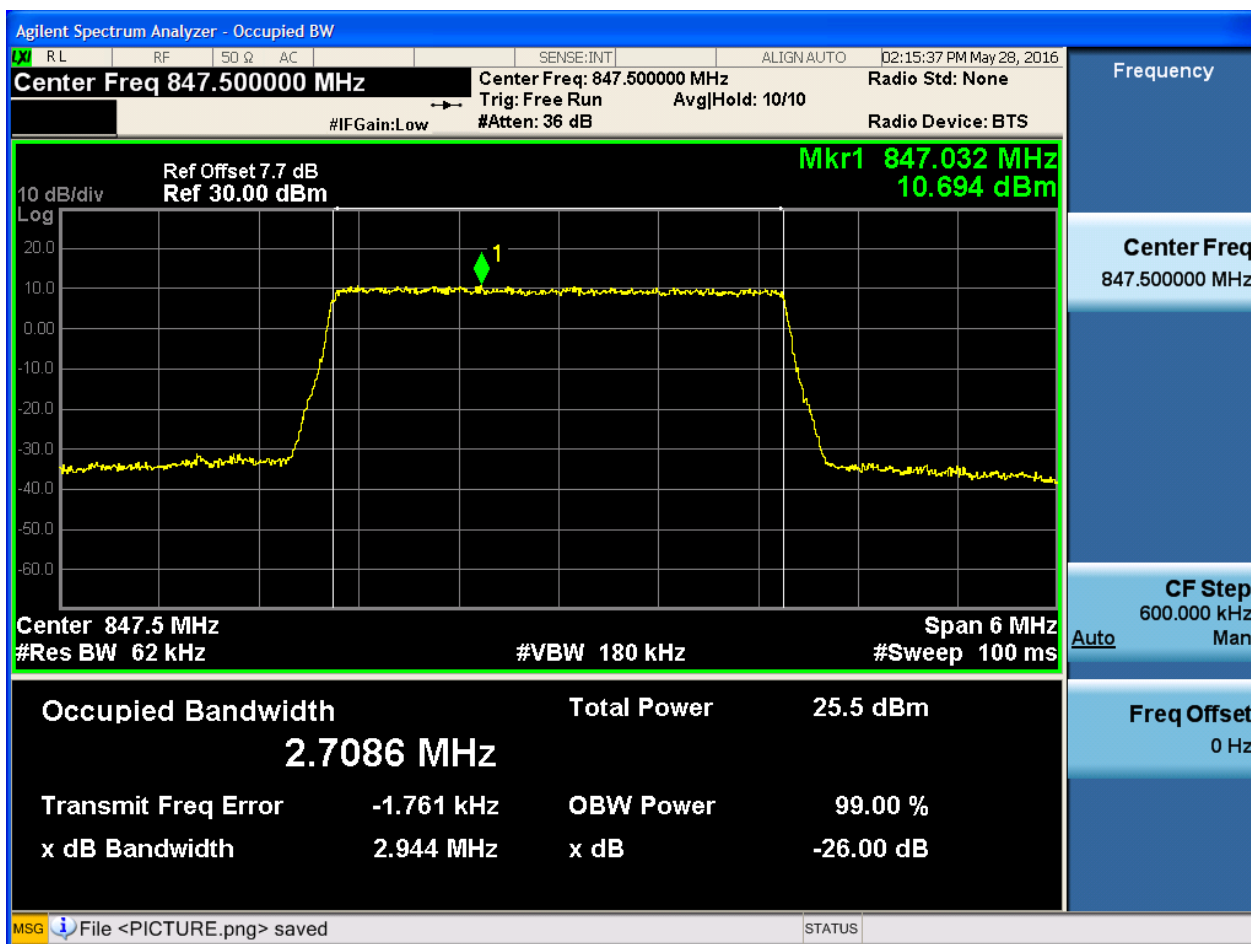
4.1.1.2.2.2 Test Channel = MCH

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

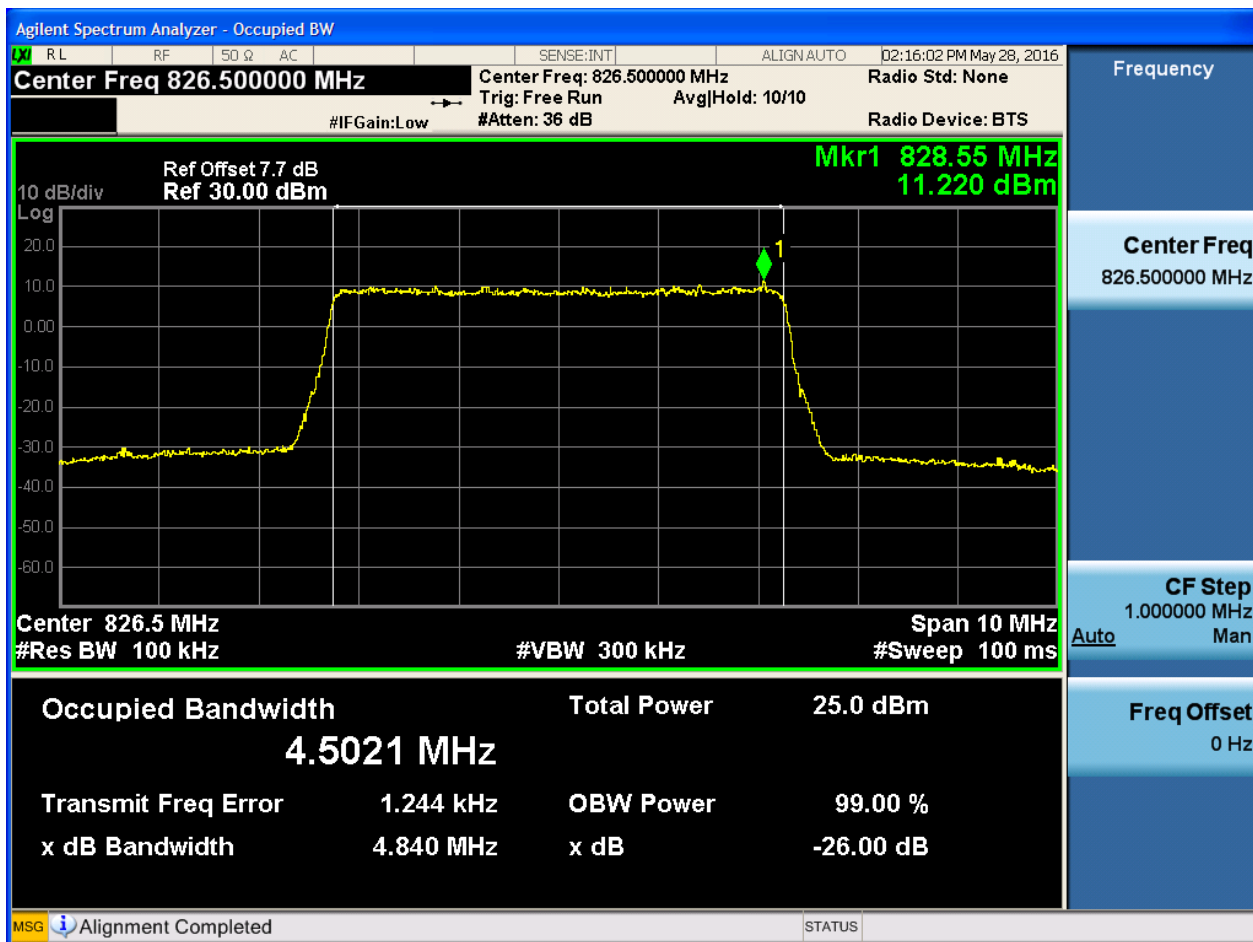




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

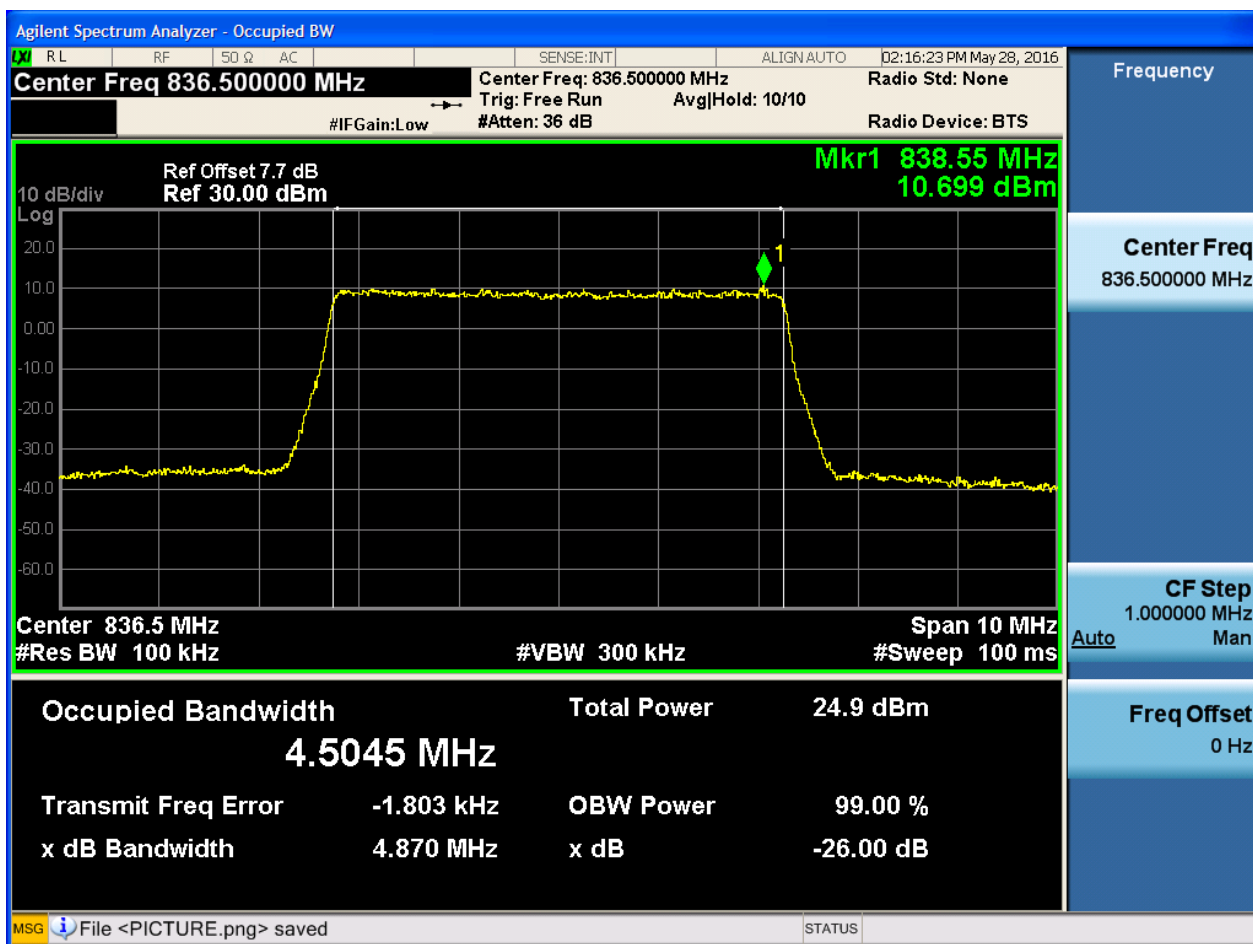
4.1.1.2.3.1.1 Test RB = RB25#0





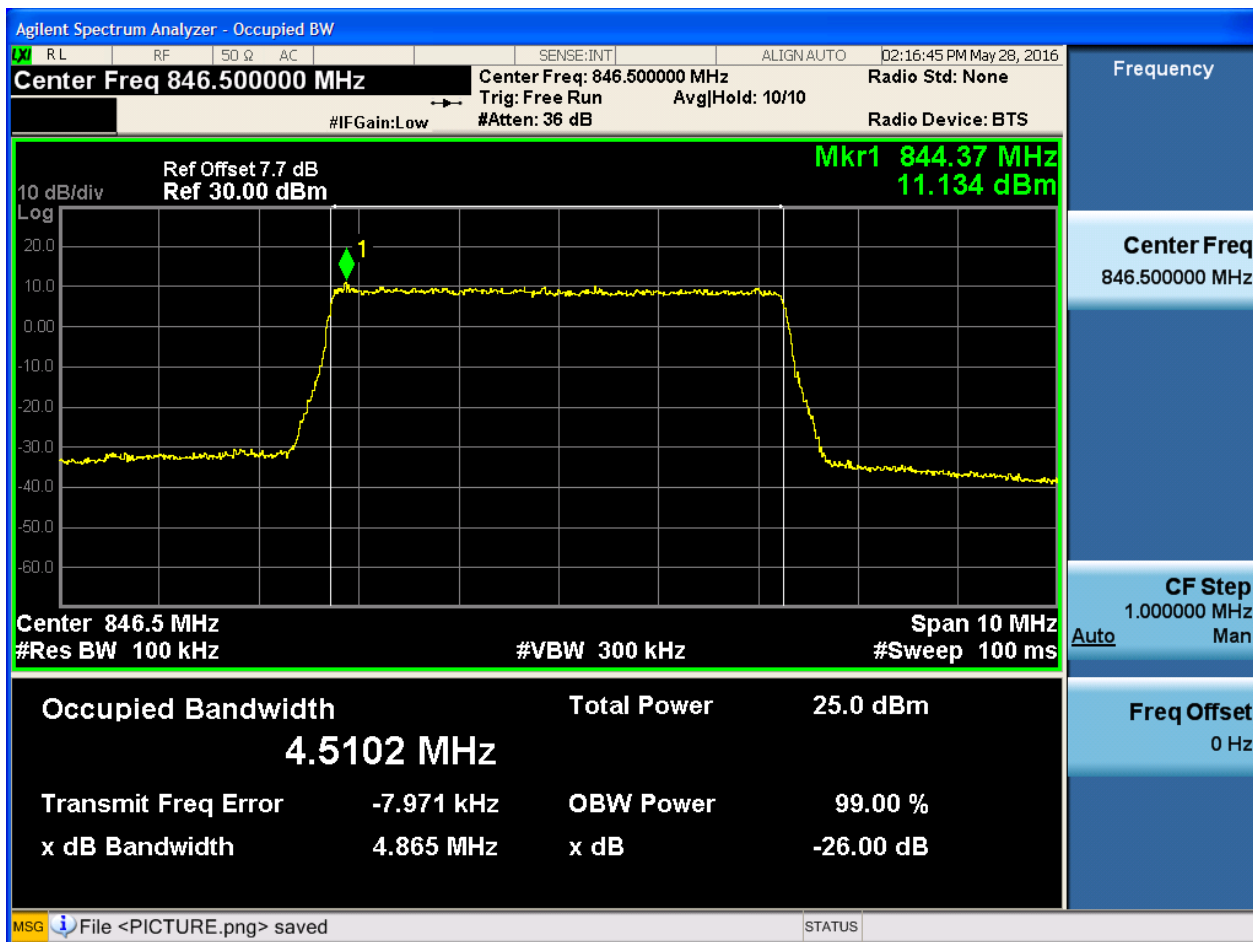
4.1.1.2.3.2 Test Channel = MCH

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

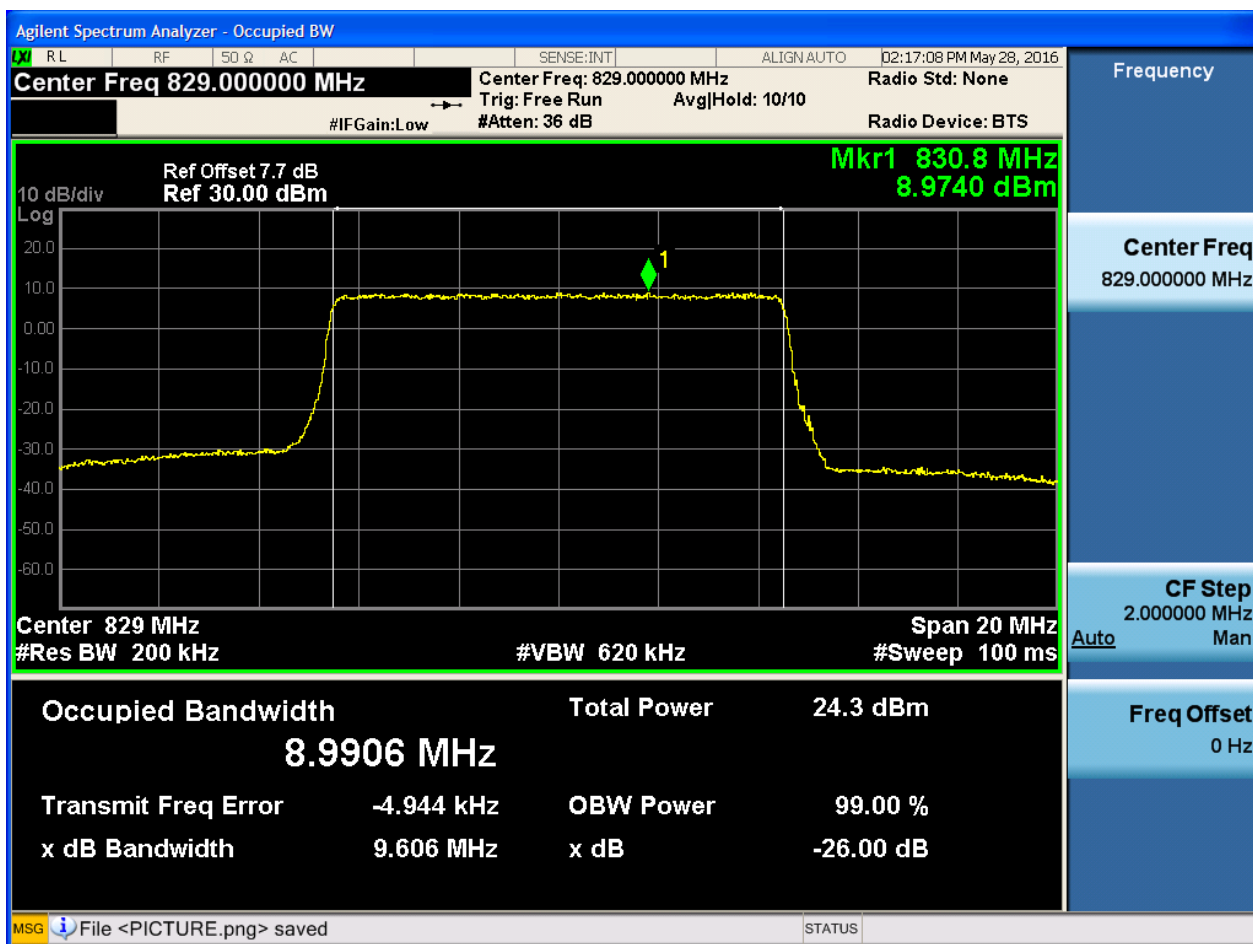




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

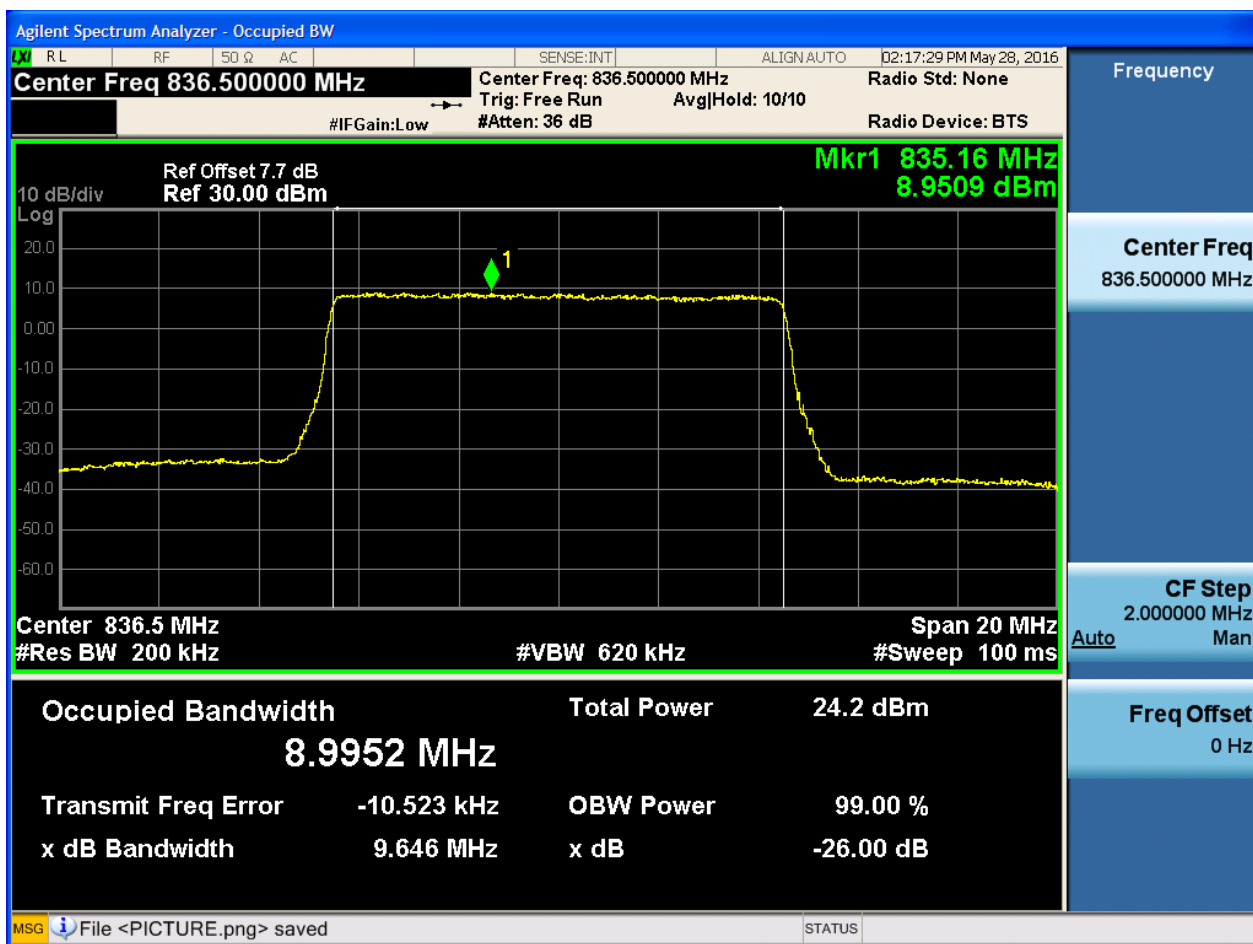
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

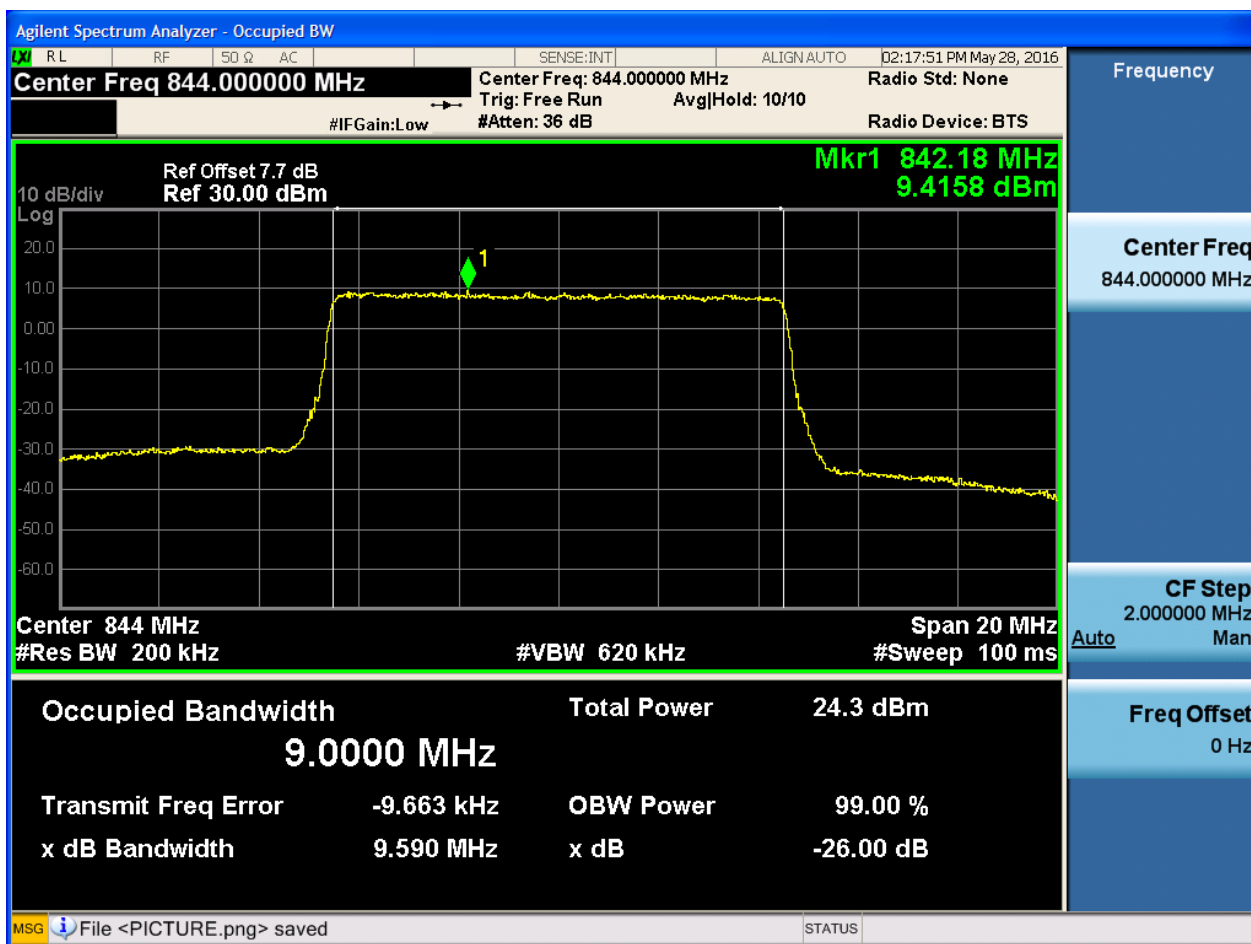
4.1.1.2.4.2.1 Test RB = RB50#0





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

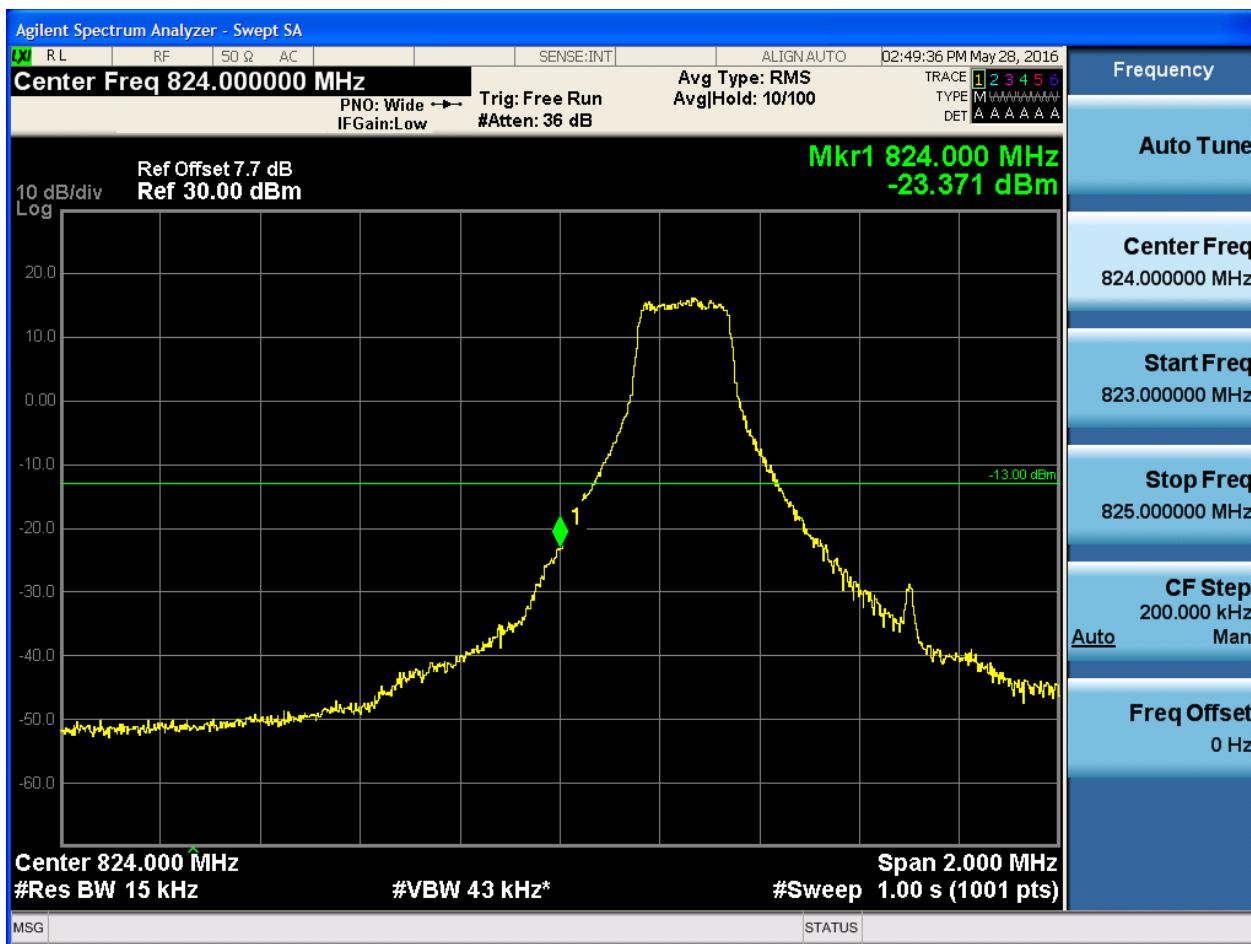
5.1.1 Test Band = BAND5

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



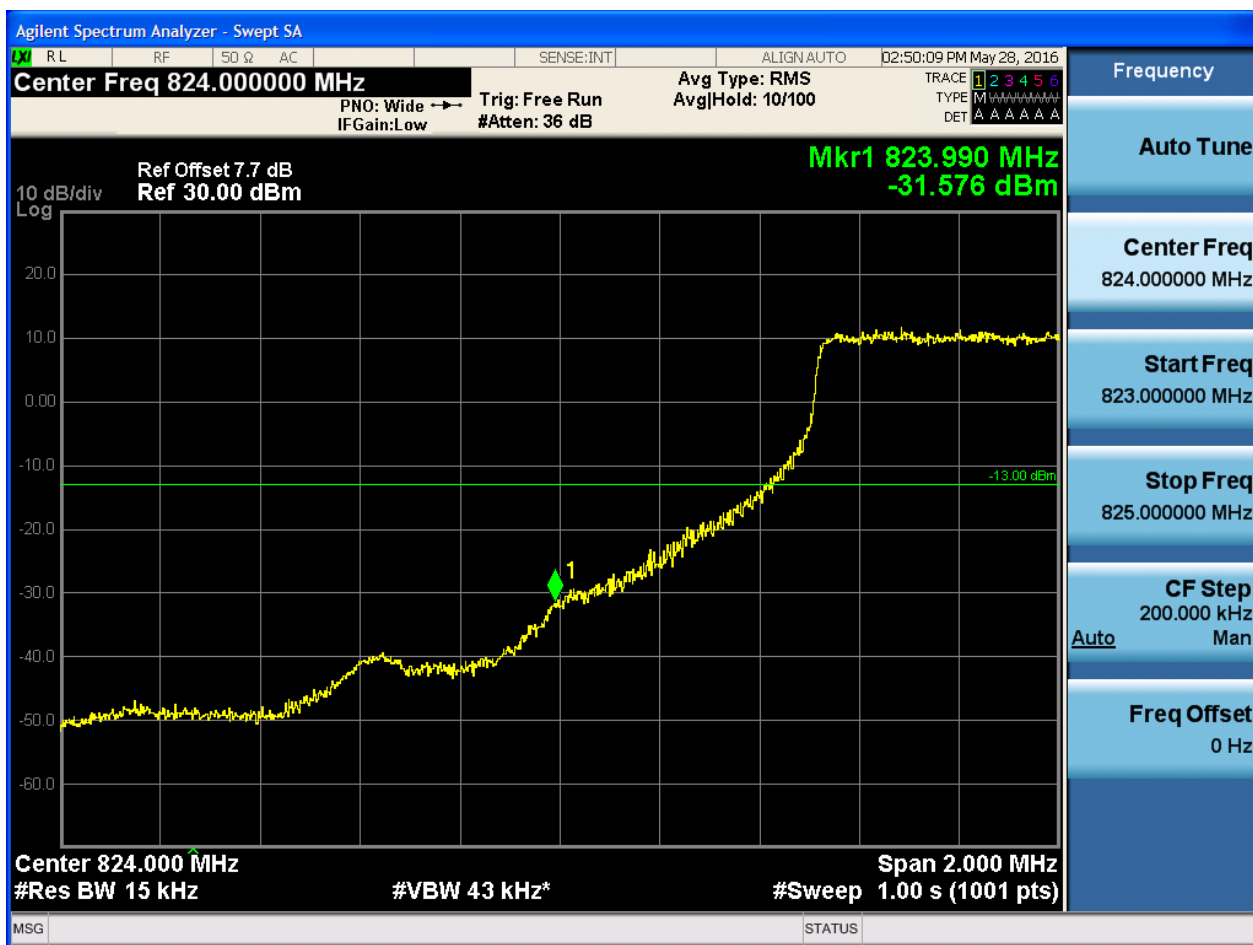


5.1.2.1.1.2 Test RB = RB1#5



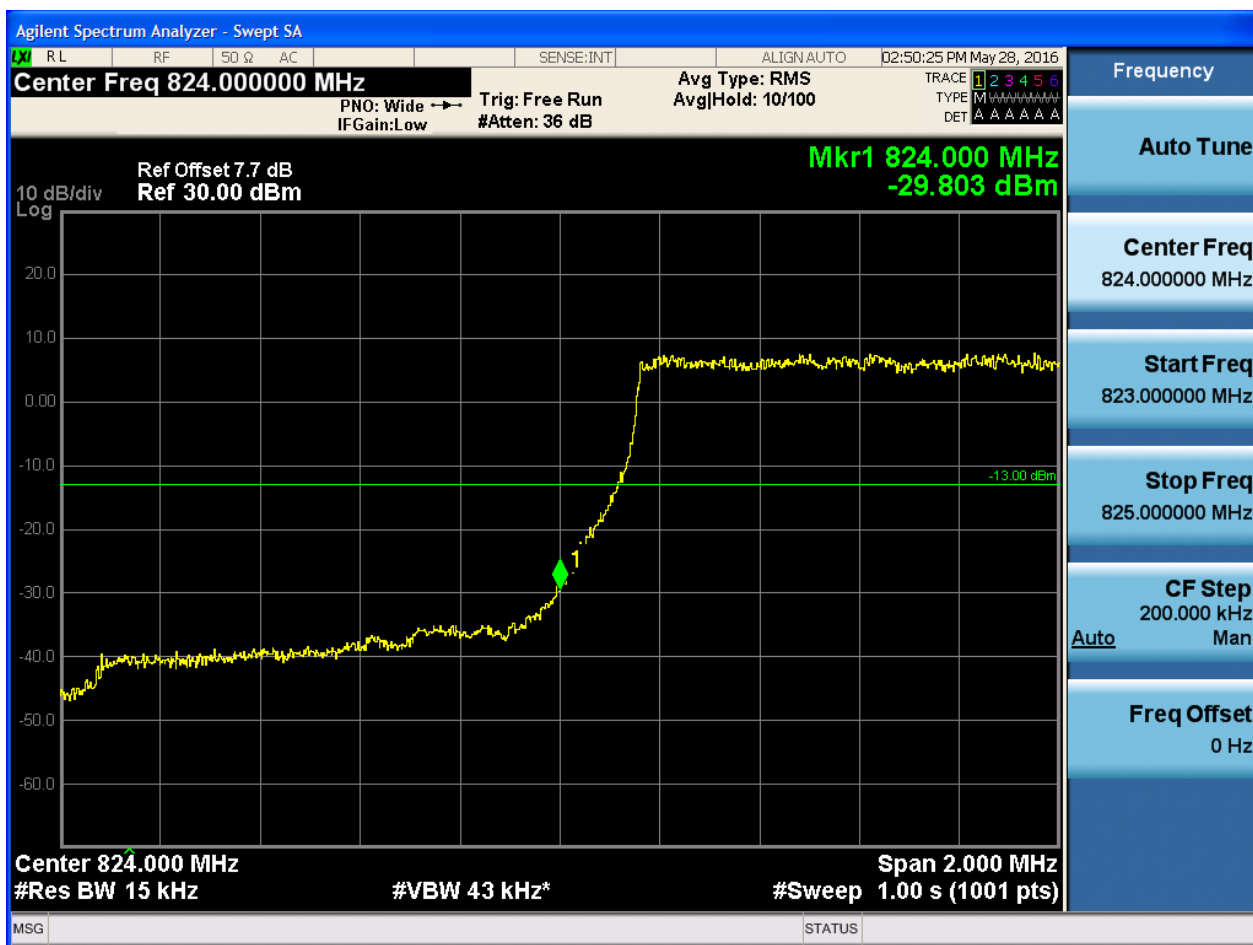


5.1.2.1.1.3 Test RB = RB3#2





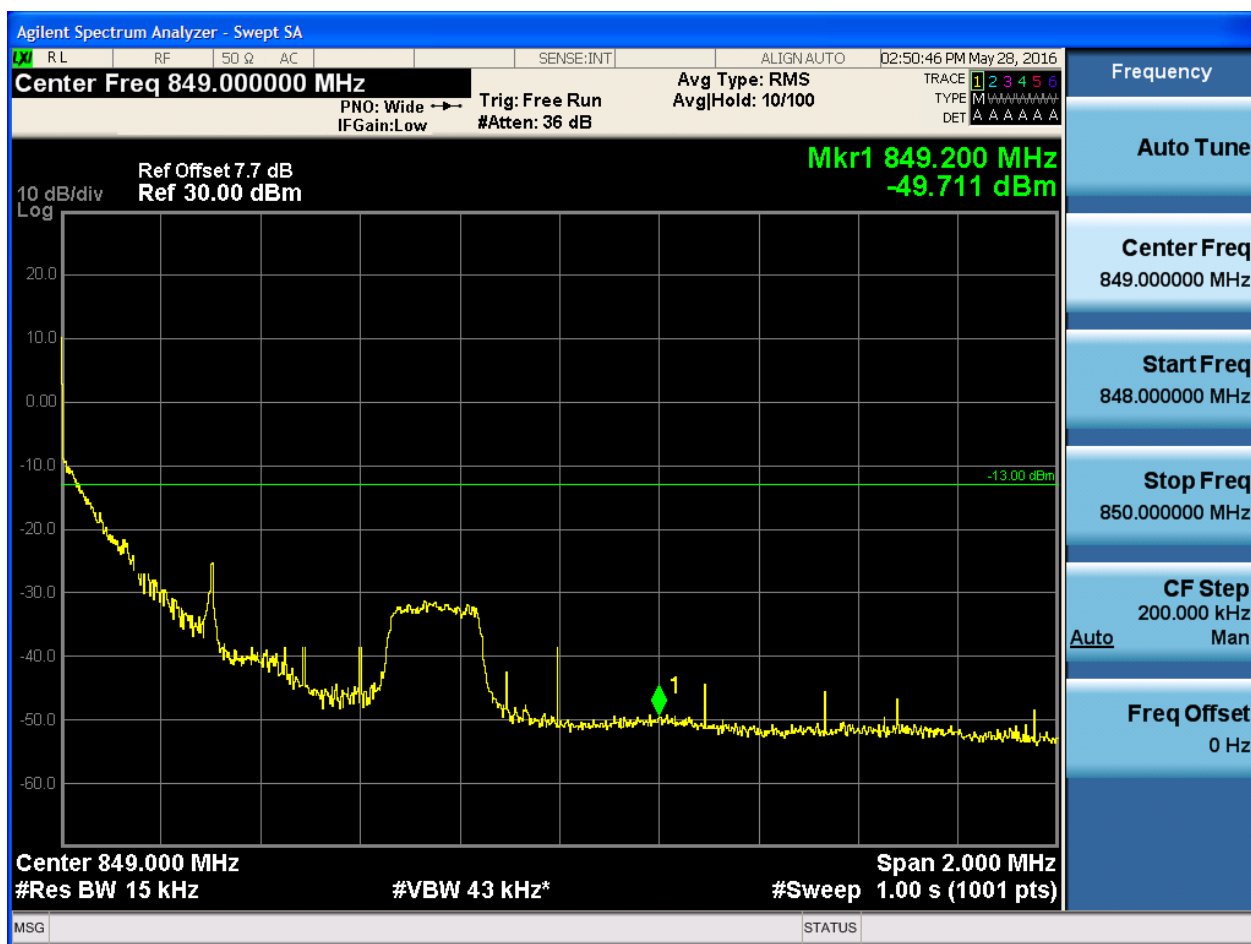
5.1.2.1.1.4 Test RB = RB6#0





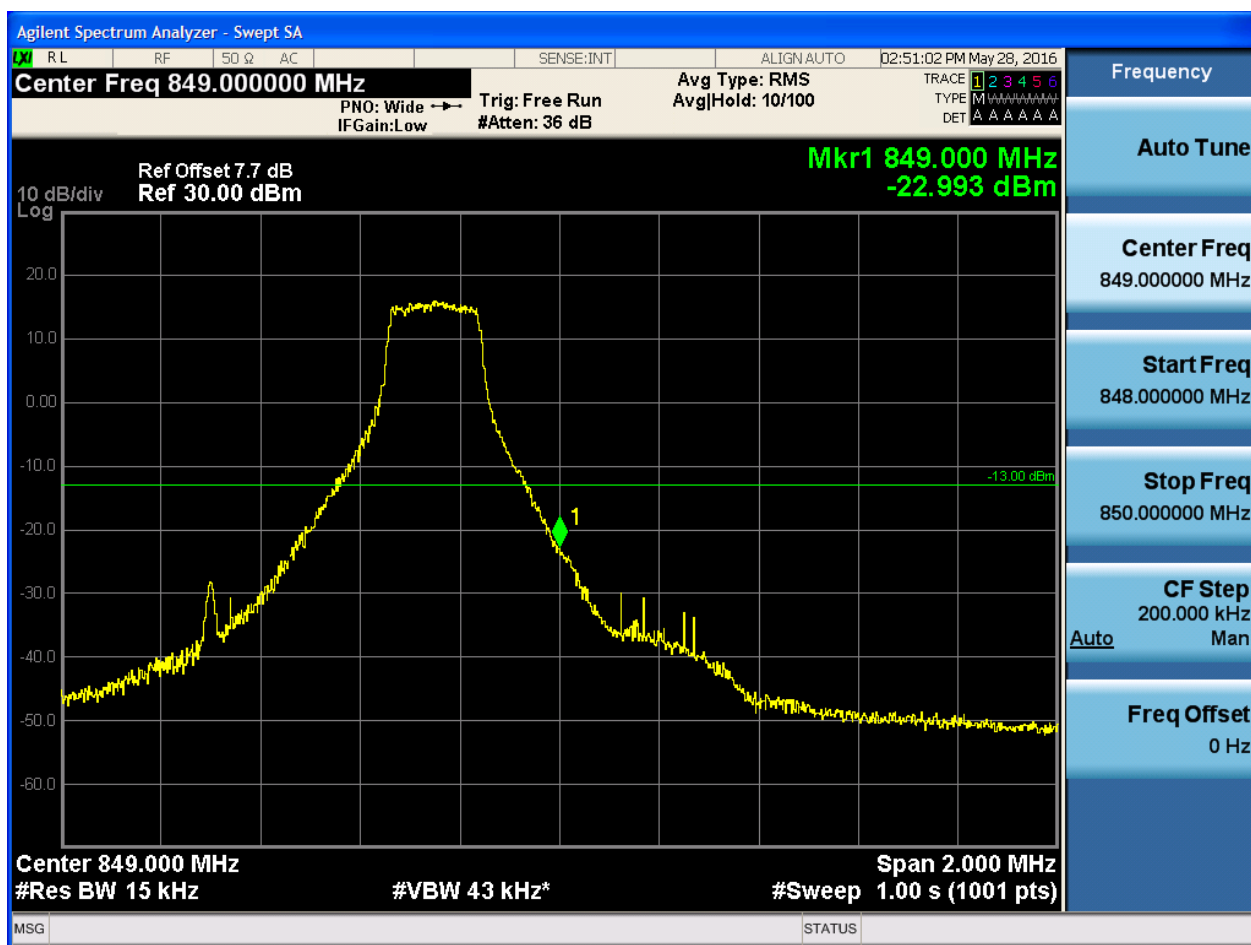
5.1.2.1.1.2 Test Channel = HCH

5.1.2.1.1.2.1 Test RB = RB1#0





5.1.2.1.1.2.2 Test RB = RB1#5





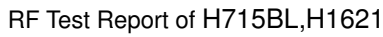
5.1.2.1.1.2.3 Test RB = RB3#2





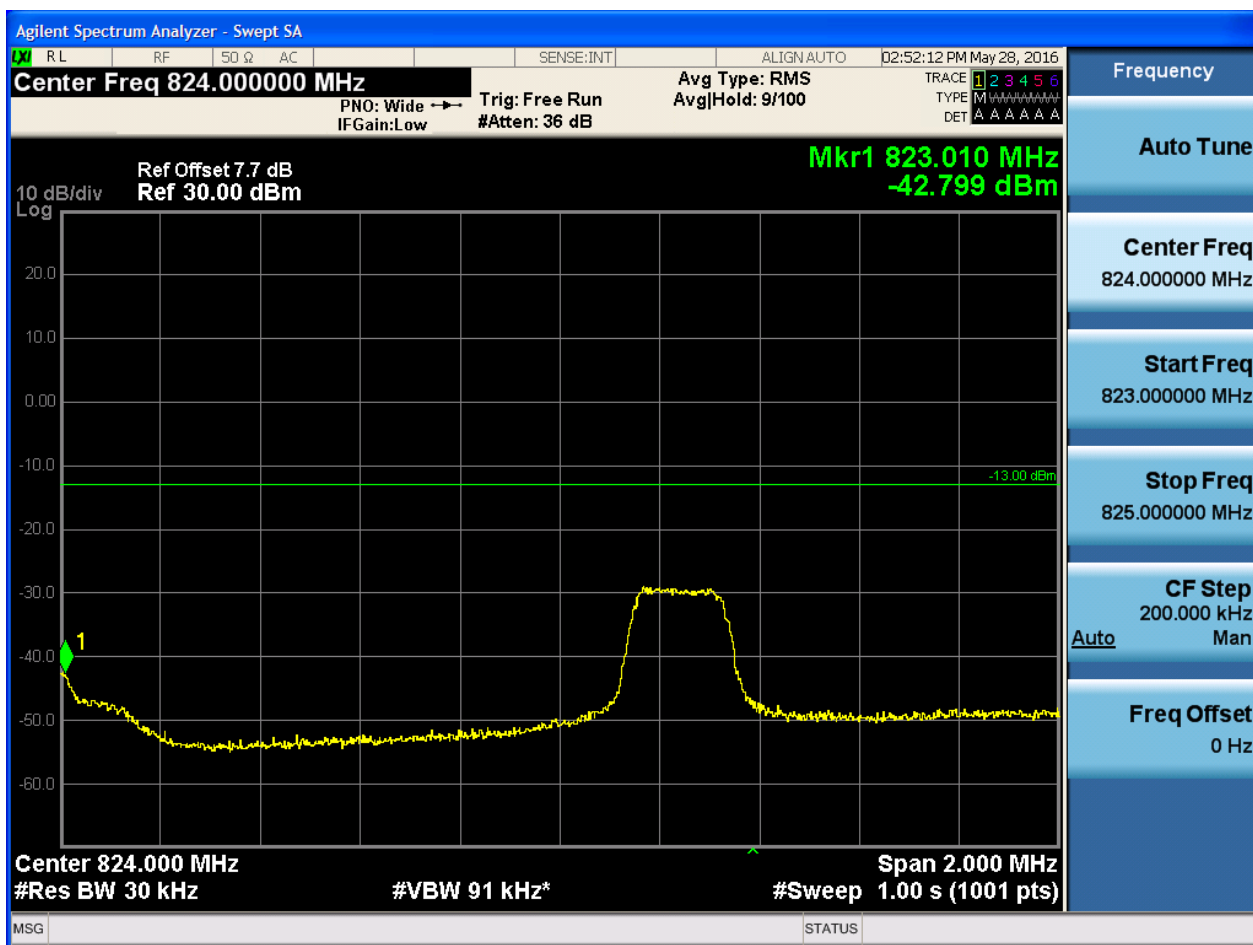
5.1.2.1.1.2.4 Test RB = RB6#0





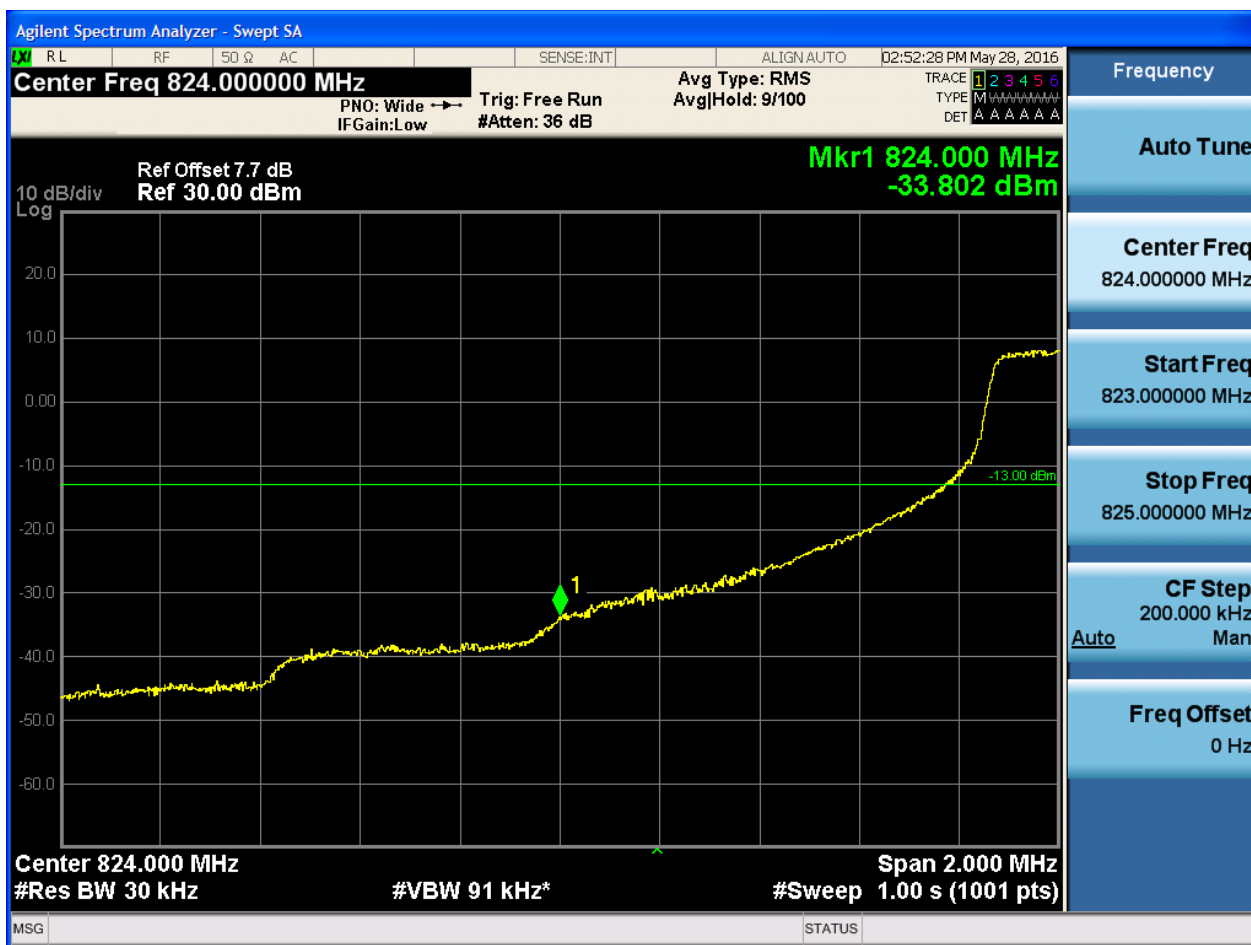


5.1.2.1.2.1.2 Test RB = RB1#14



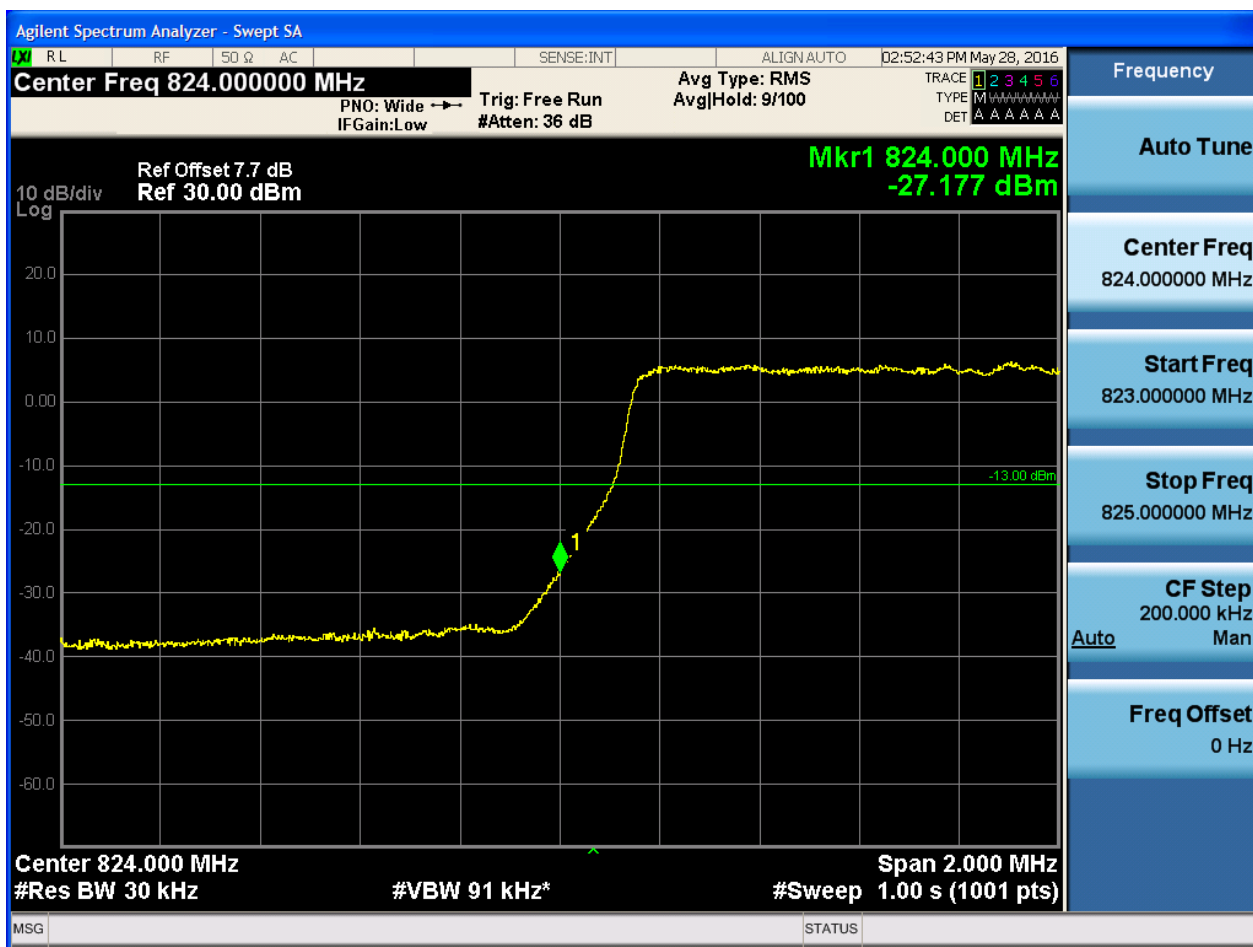


5.1.2.1.2.1.3 Test RB = RB8#4



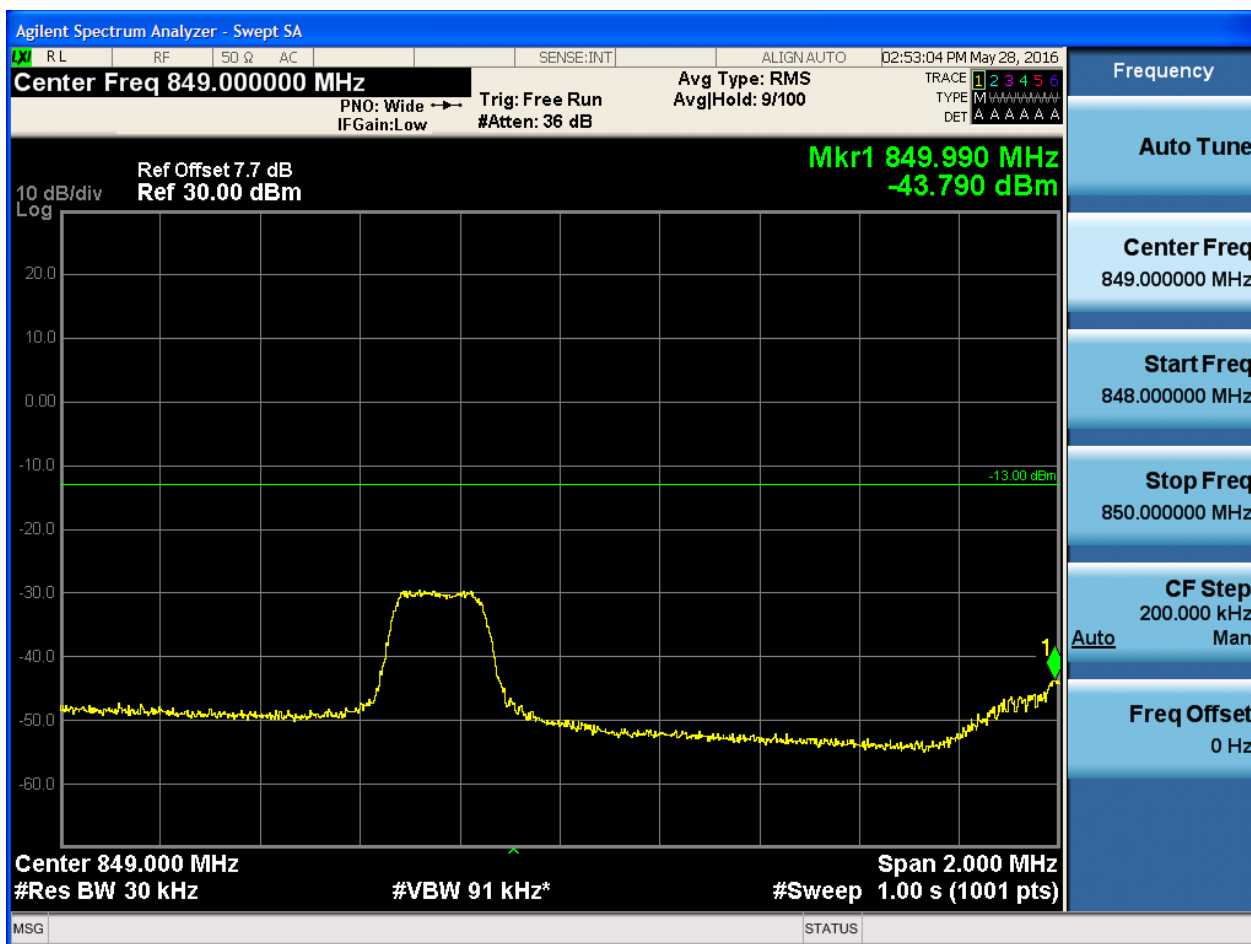


5.1.2.1.2.1.4 Test RB = RB15#0



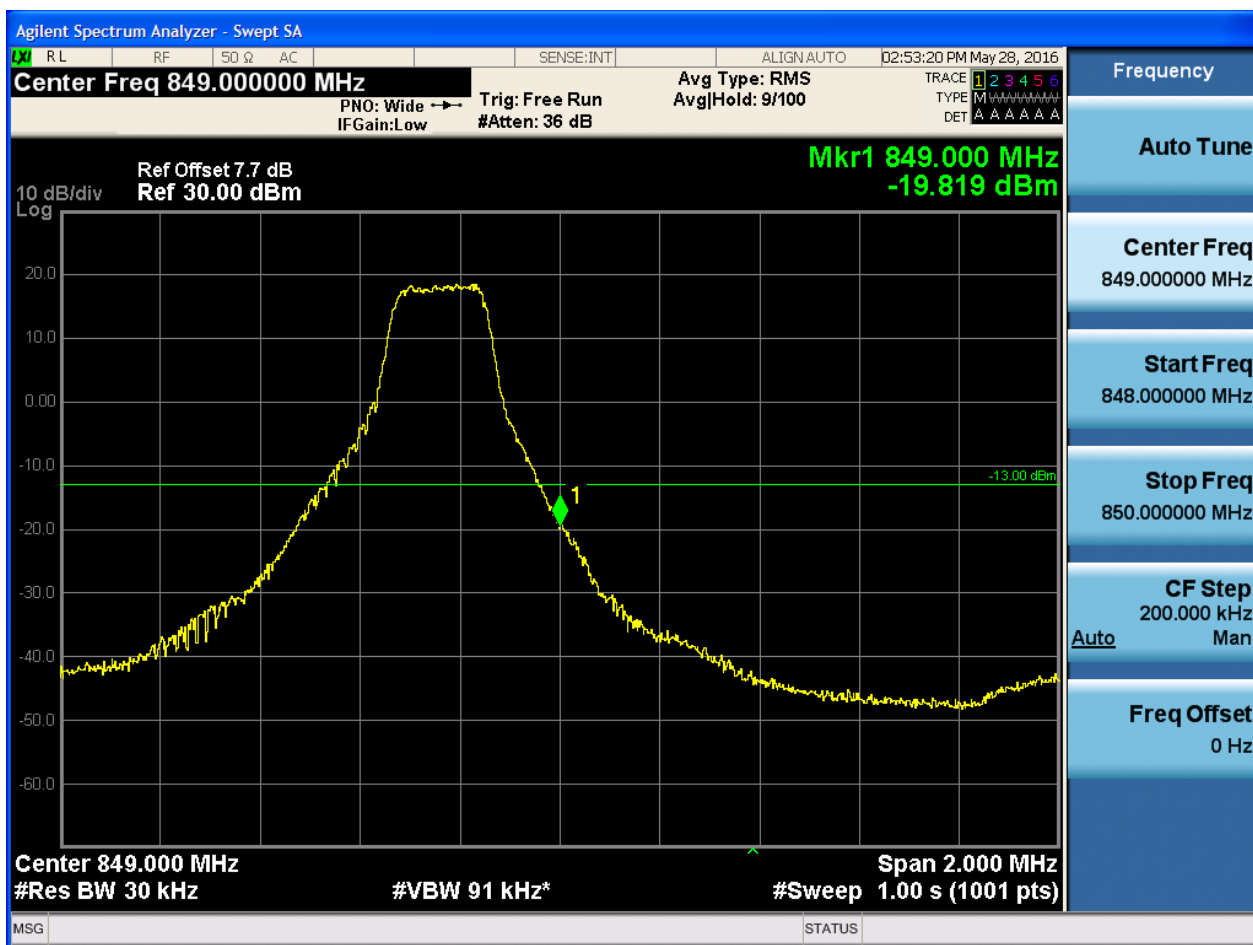
5.1.2.1.2.2 Test Channel = HCH

5.1.2.1.2.2.1 Test RB = RB1#0





5.1.2.1.2.2.2 Test RB = RB1#14



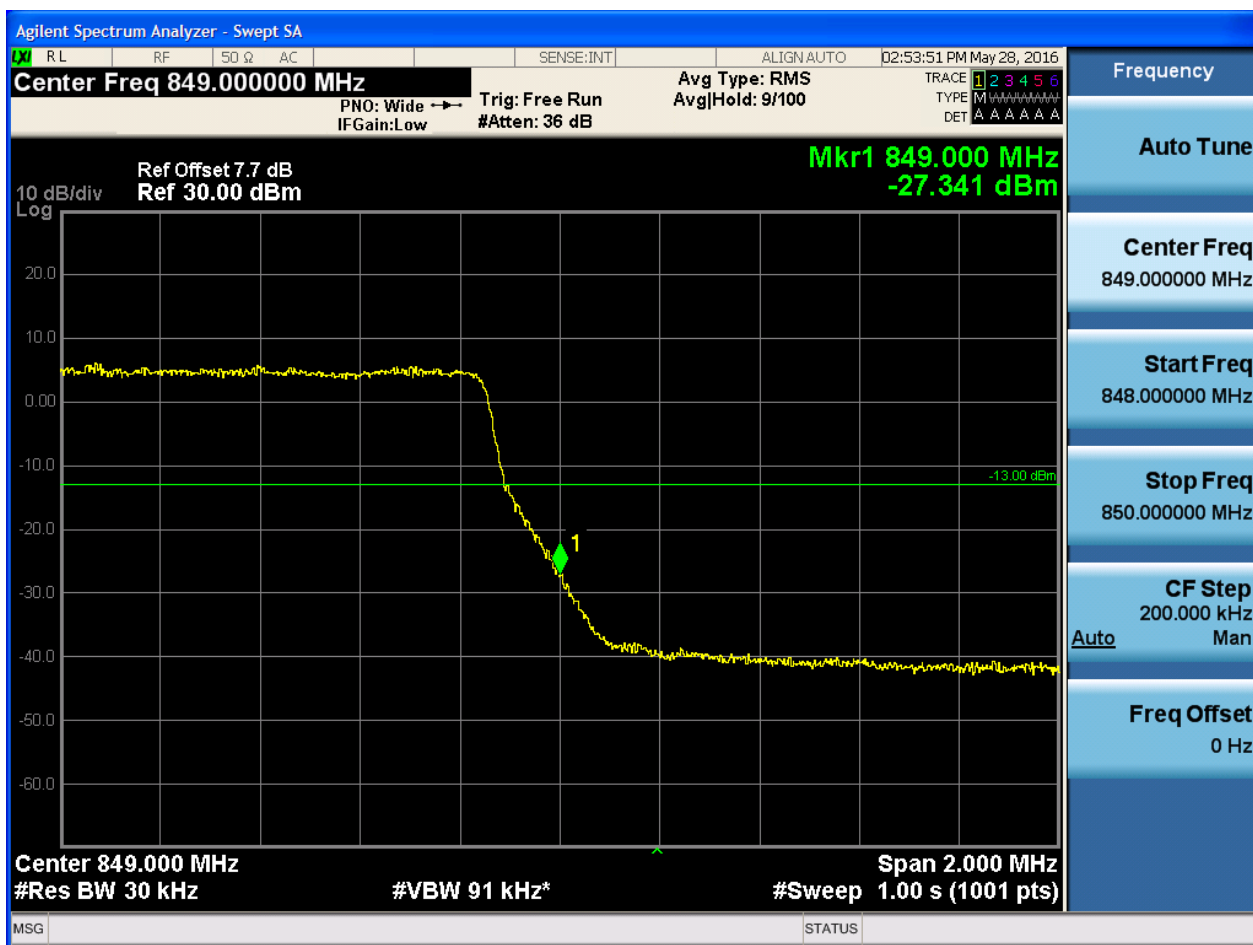


5.1.2.1.2.2.3 Test RB = RB8#4





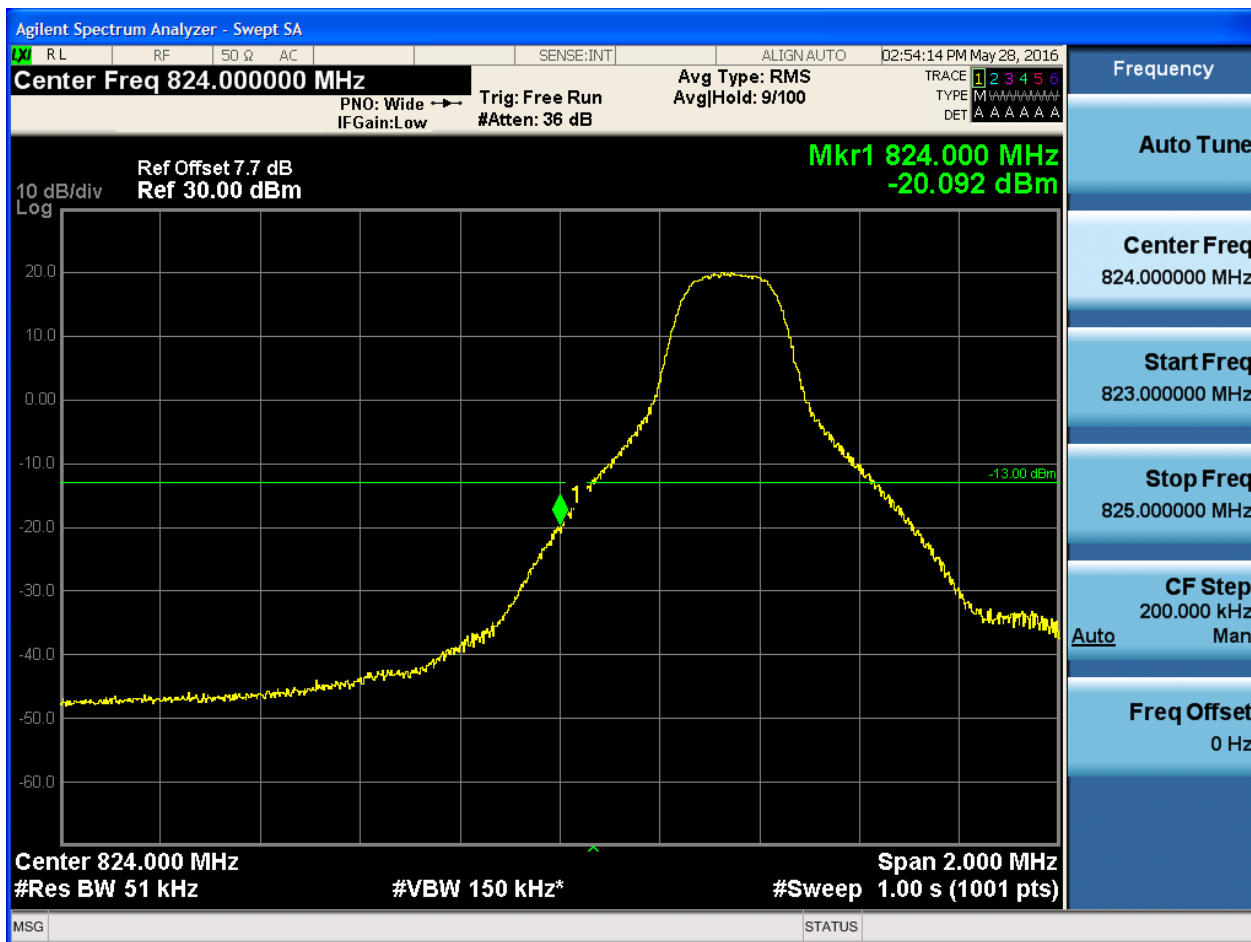
5.1.2.1.2.2.4 Test RB = RB15#0



5.1.2.1.3 Test Bandwidth = 5

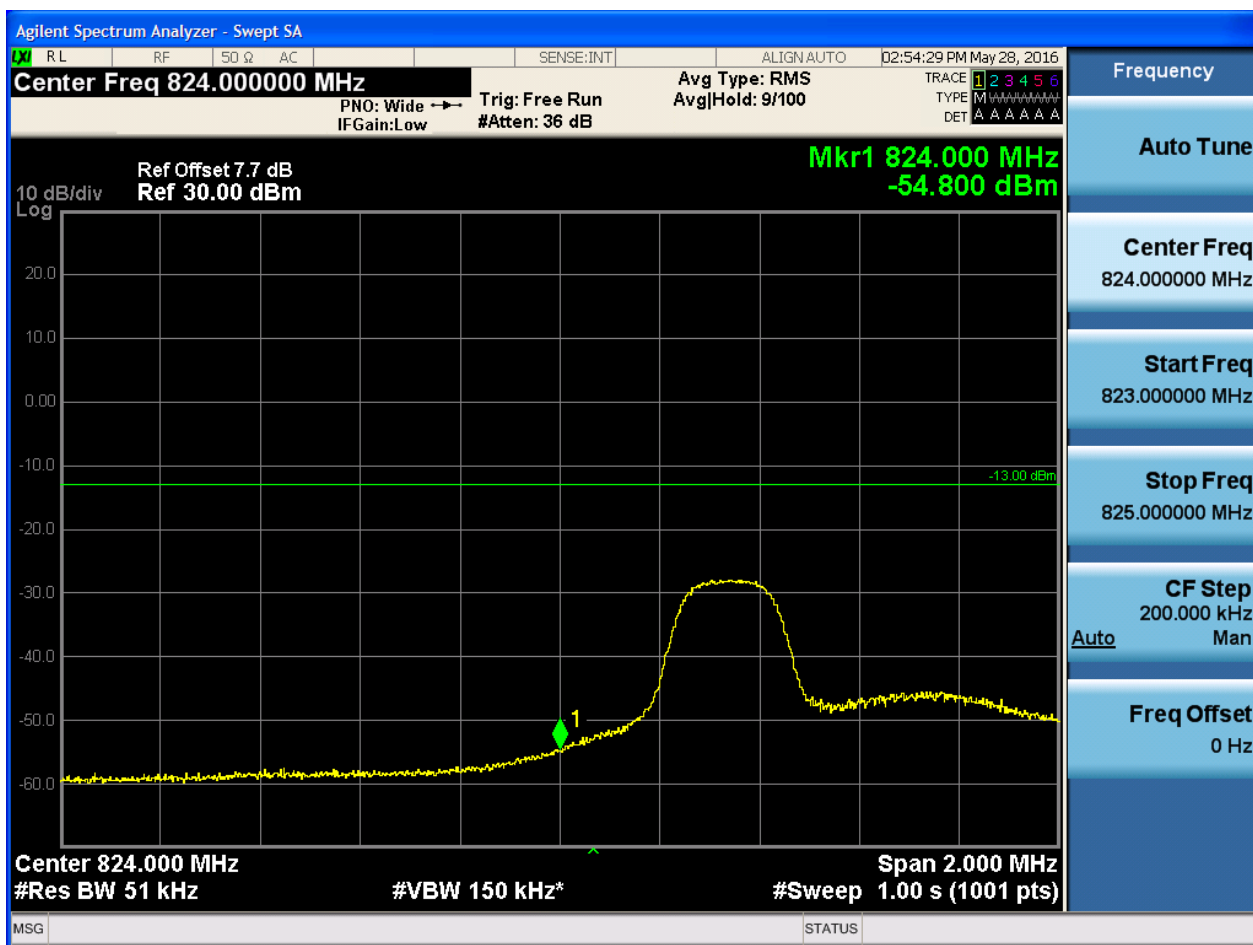
5.1.2.1.3.1 Test Channel = LCH

5.1.2.1.3.1.1 Test RB = RB1#0





5.1.2.1.3.1.2 Test RB = RB1#24



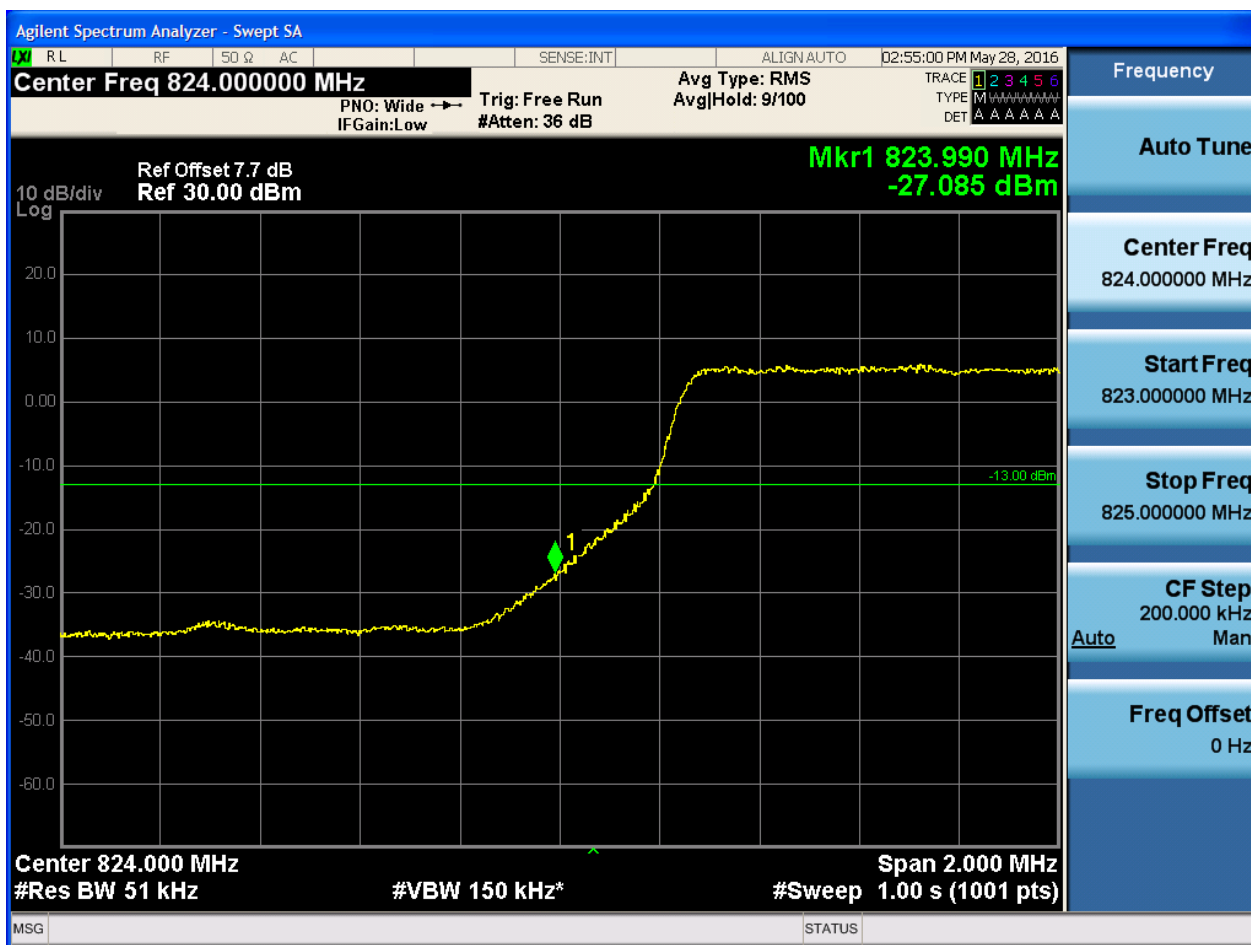


5.1.2.1.3.1.3 Test RB = RB12#6



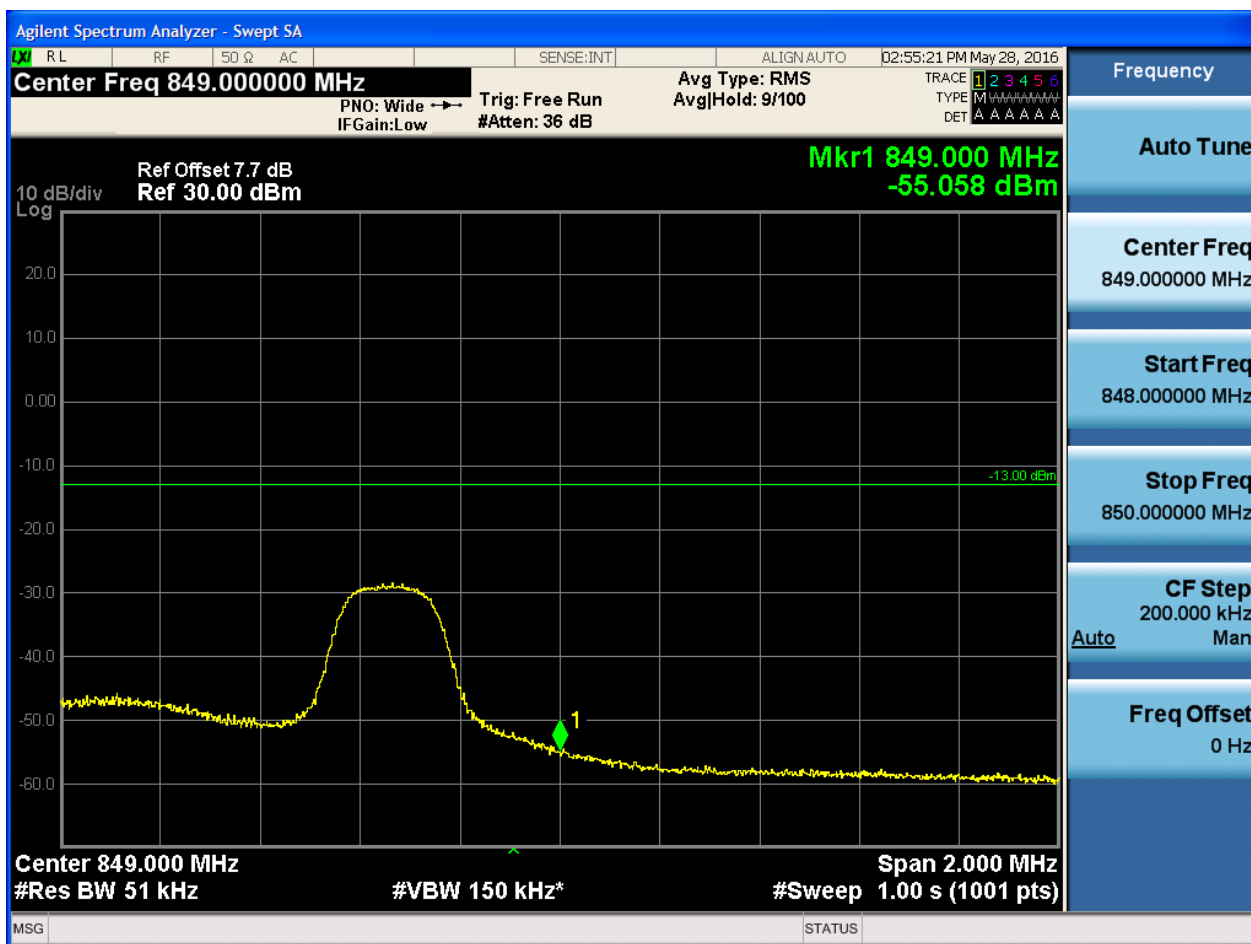


5.1.2.1.3.1.4 Test RB = RB25#0



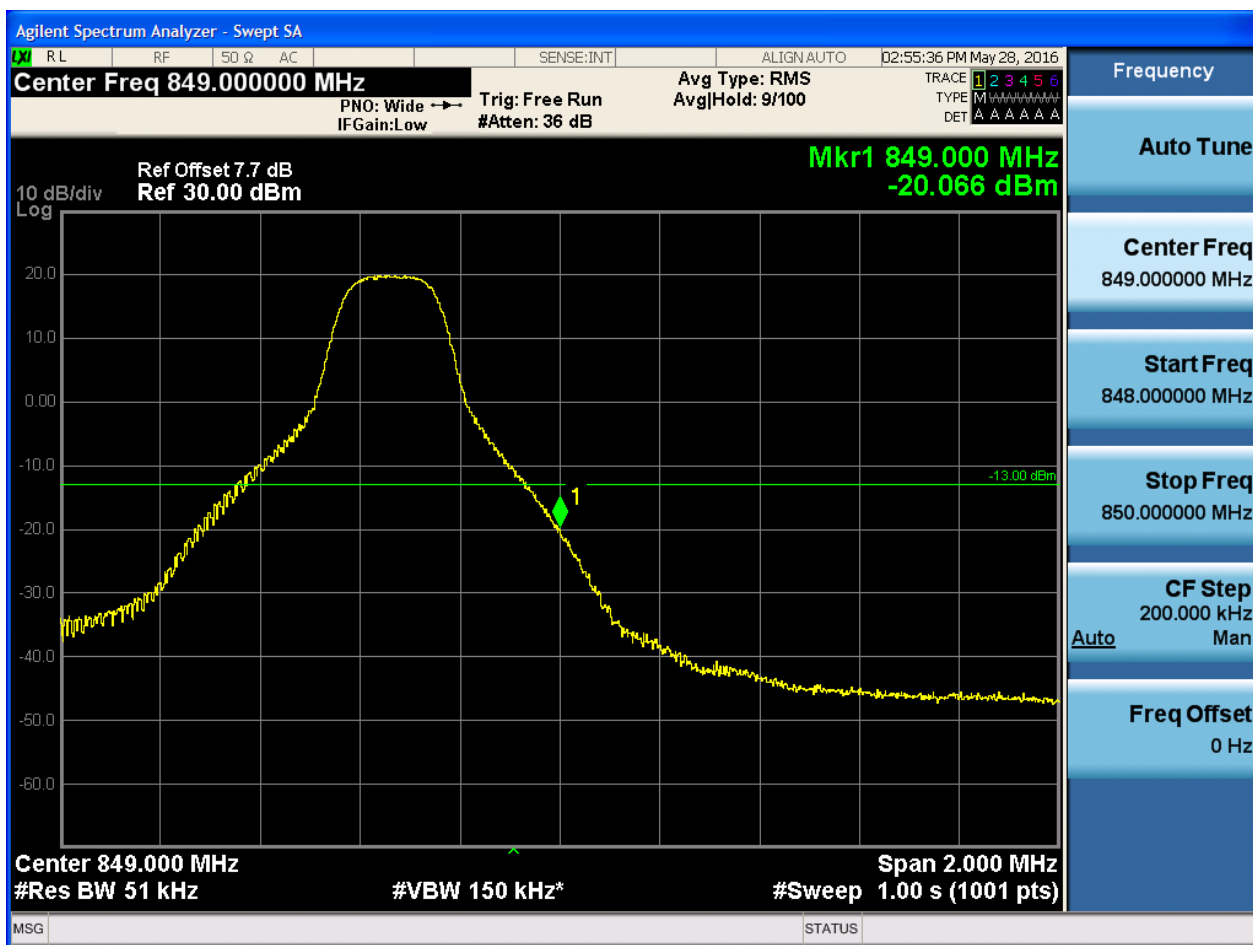
5.1.2.1.3.2 Test Channel = HCH

5.1.2.1.3.2.1 Test RB = RB1#0





5.1.2.1.3.2.2 Test RB = RB1#24





5.1.2.1.3.2.3 Test RB = RB12#6





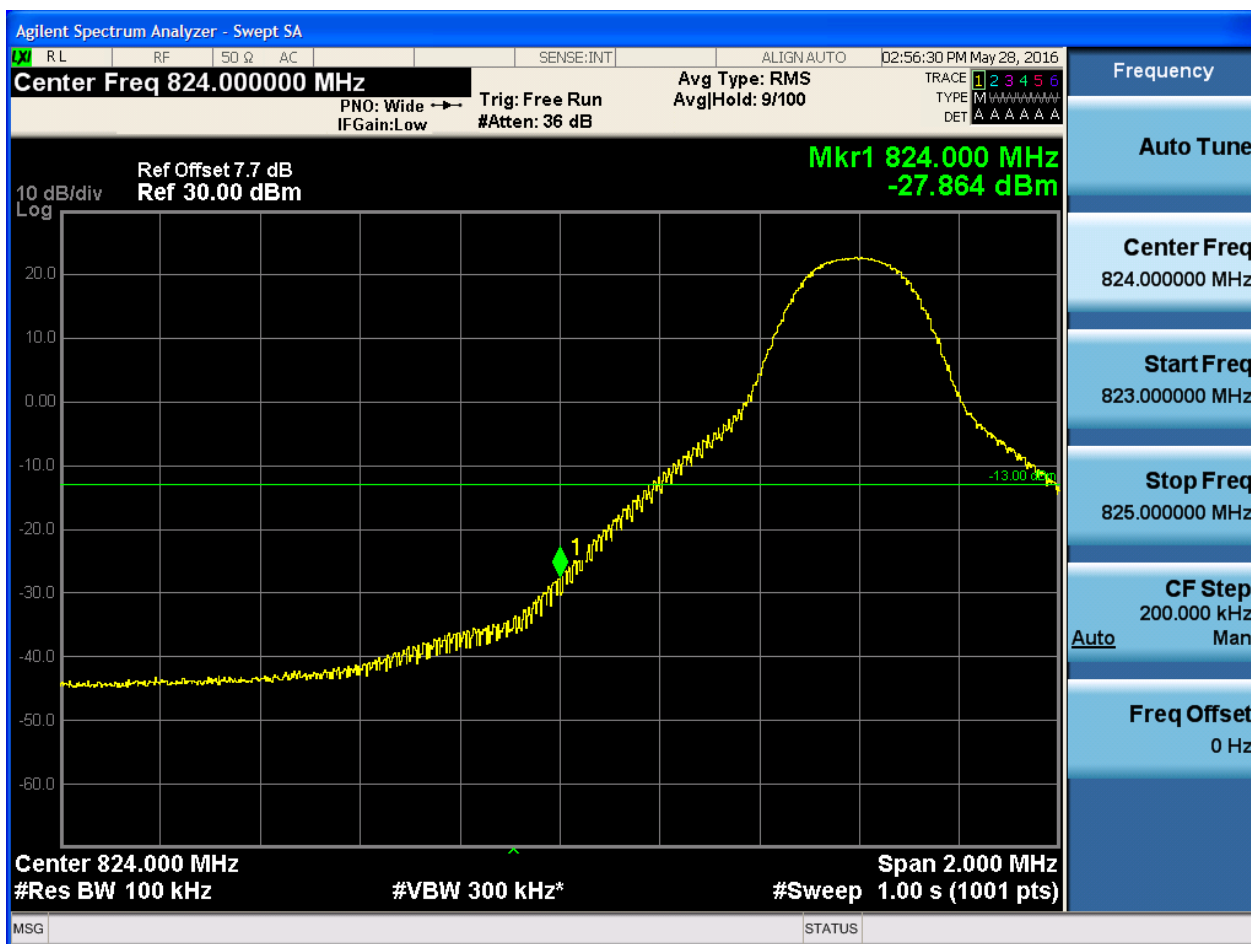
5.1.2.1.3.2.4 Test RB = RB25#0



5.1.2.1.4 Test Bandwidth = 10

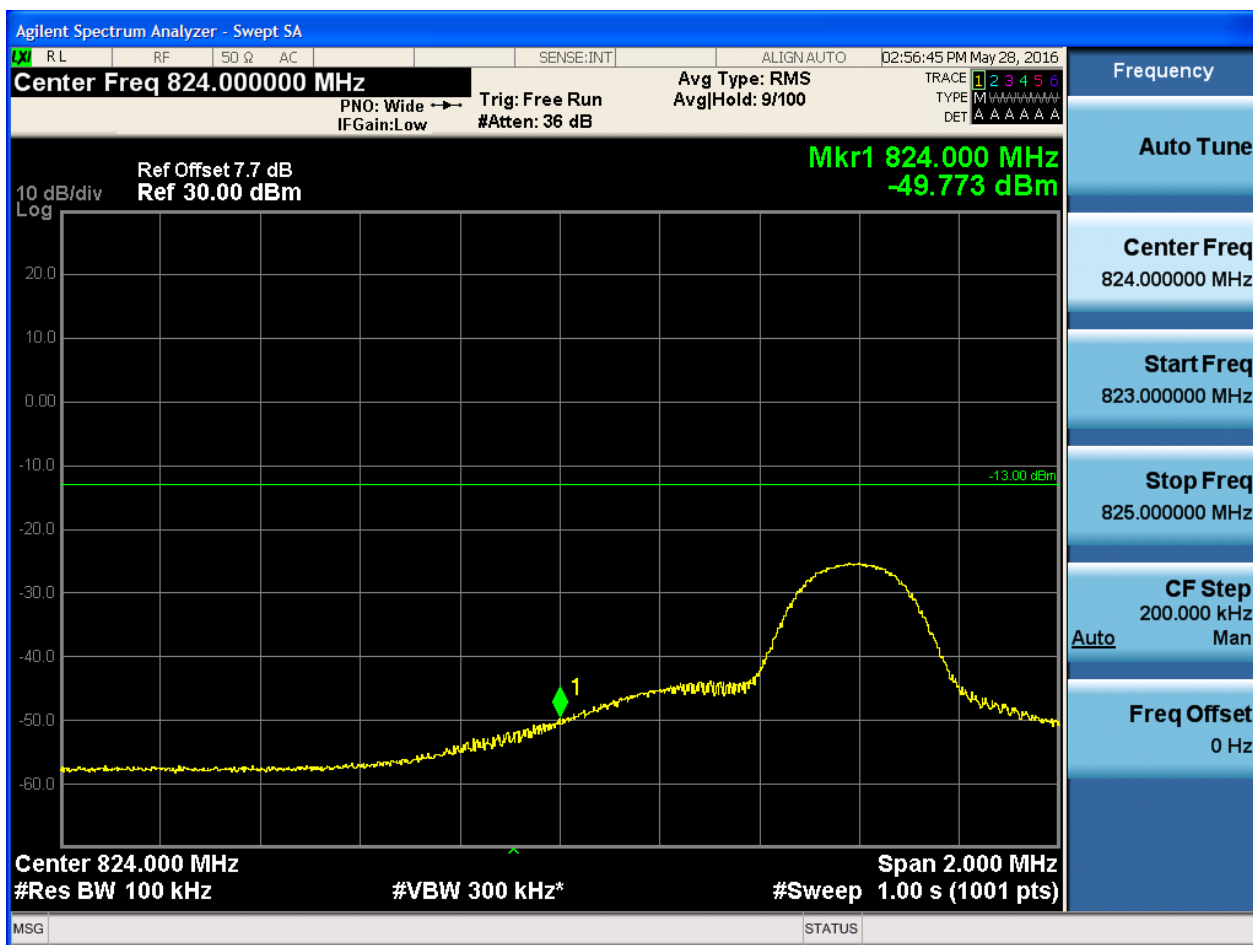
5.1.2.1.4.1 Test Channel = LCH

5.1.2.1.4.1.1 Test RB = RB1#0



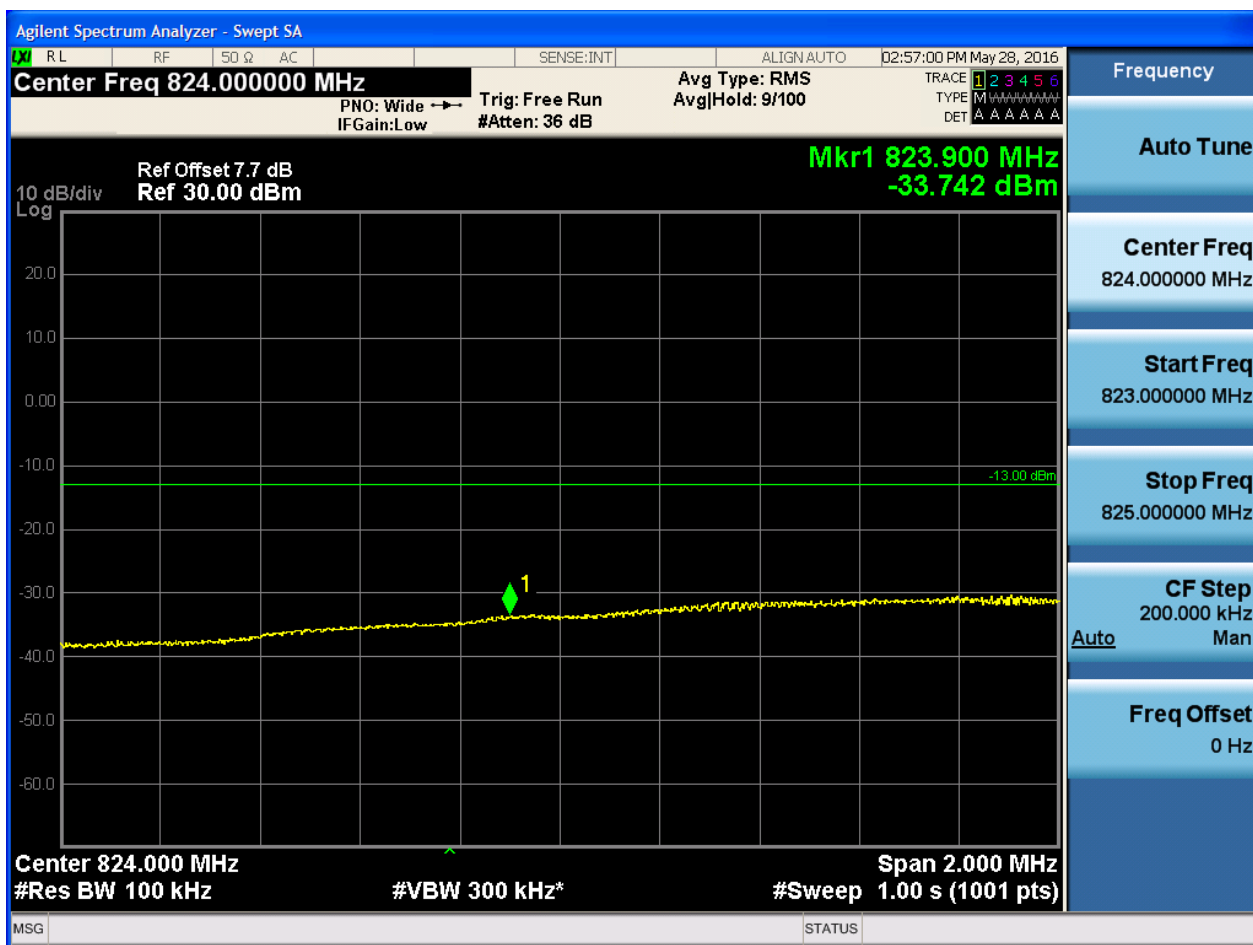


5.1.2.1.4.1.2 Test RB = RB1#49



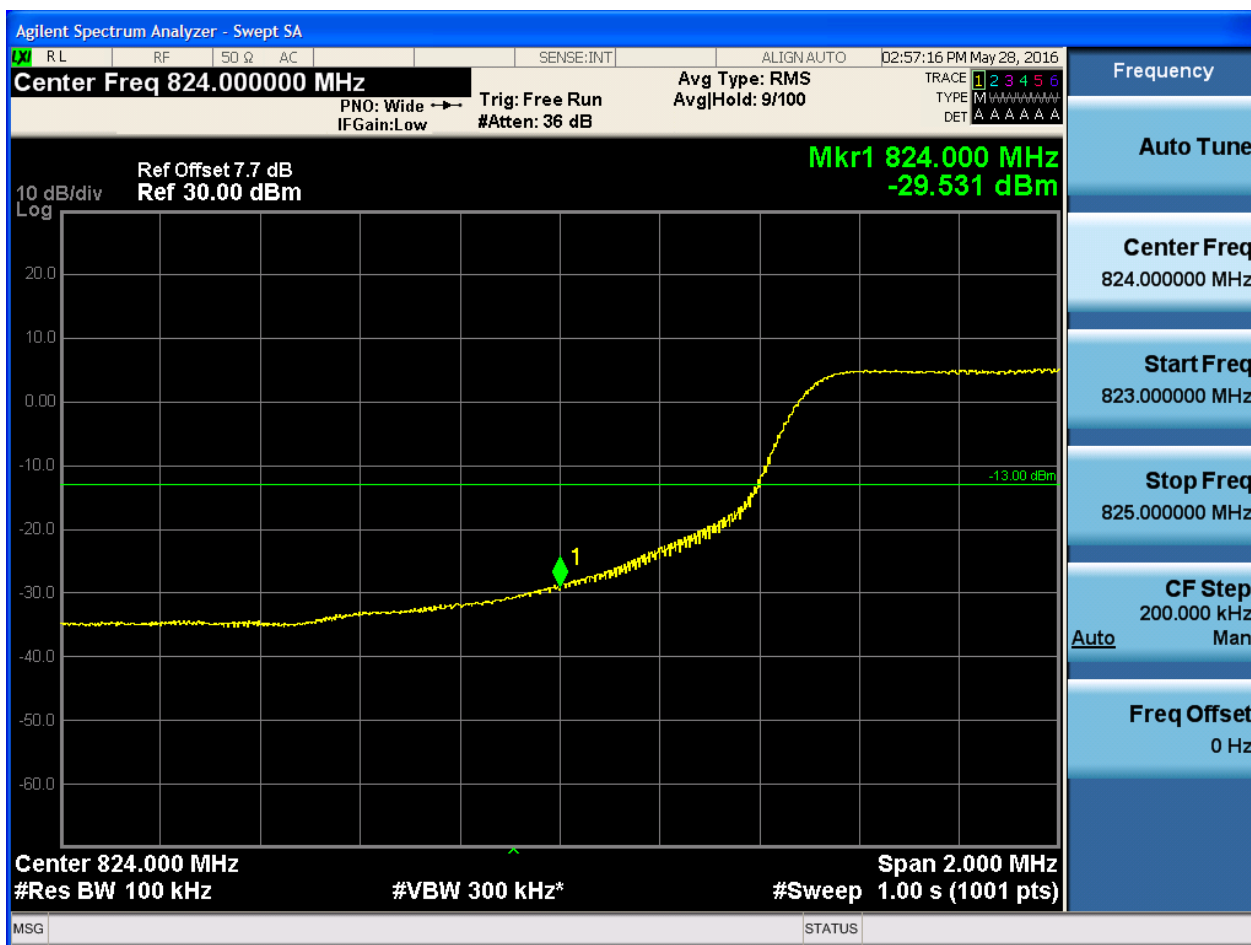


5.1.2.1.4.1.3 Test RB = RB25#13



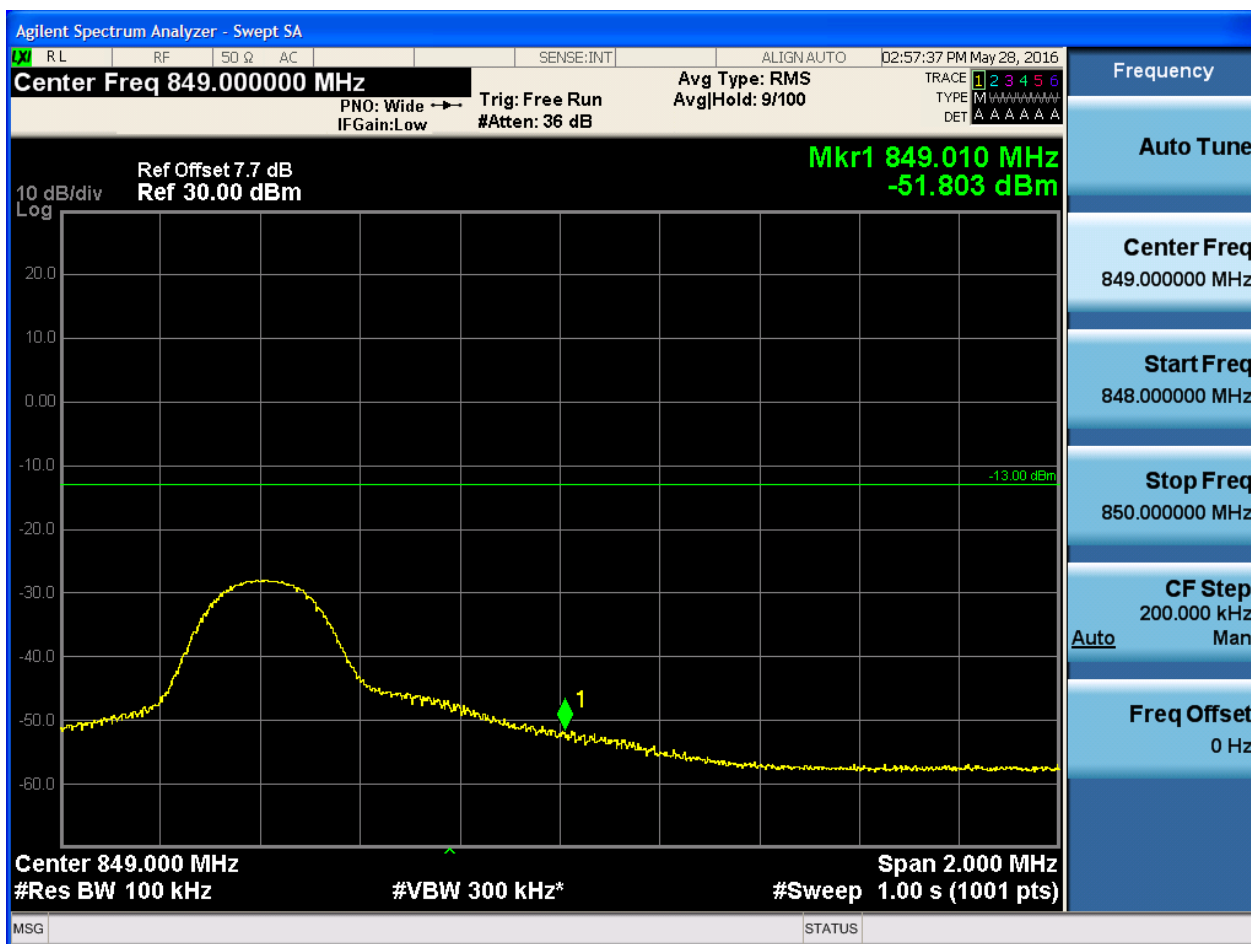


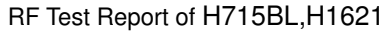
5.1.2.1.4.1.4 Test RB = RB50#0



5.1.2.1.4.2 Test Channel = HCH

5.1.2.1.4.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Center 849.000 MHz
#Res BW 100 kHz

Span 2.000 MHz
#Sweep 1.00 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

Msg

Status



5.1.2.1.4.2.3 Test RB = RB25#13





5.1.2.1.4.2.4 Test RB = RB50#0



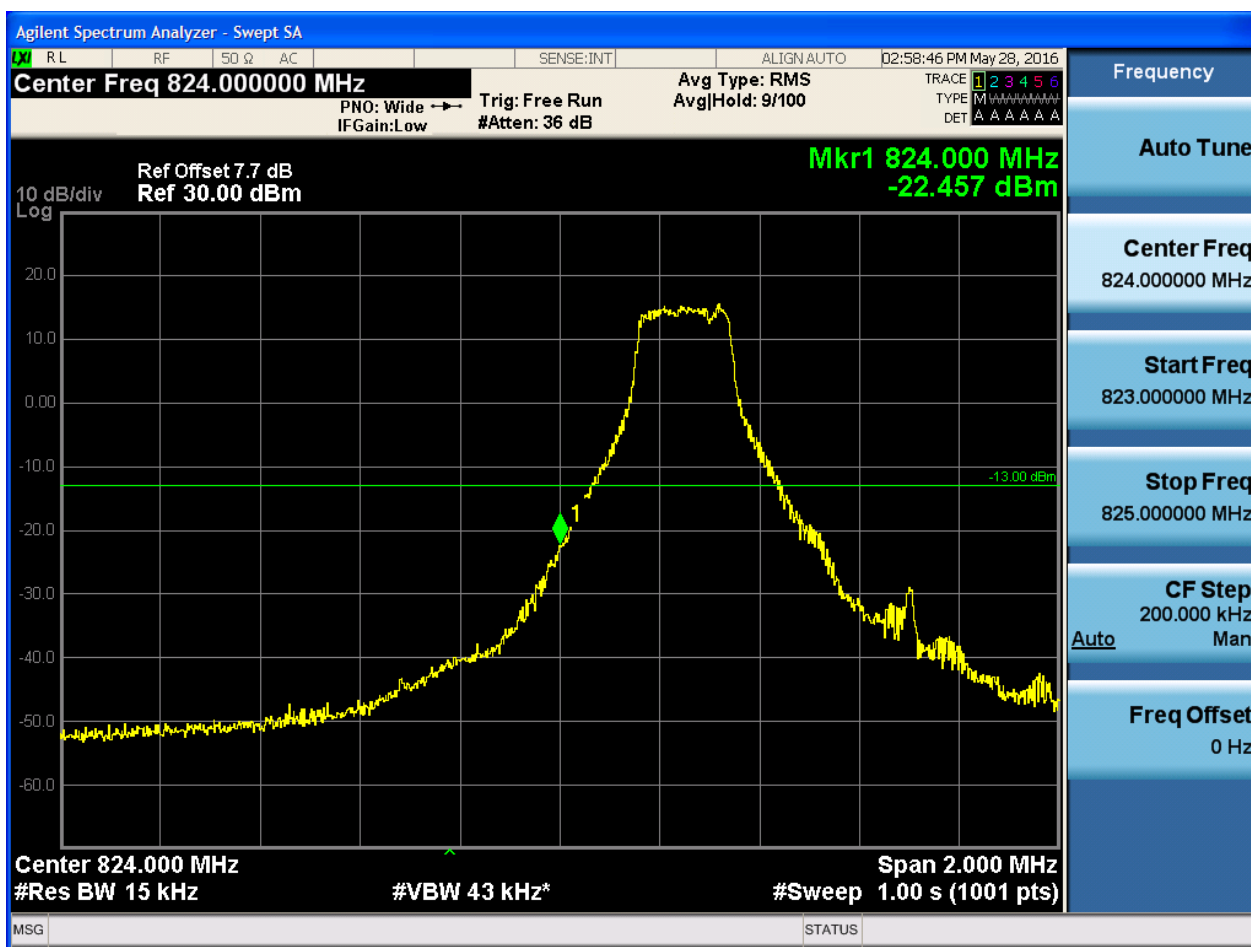


5.1.2.2 Test Mode = LTE/TM2

5.1.2.2.1 Test Bandwidth = 1.4

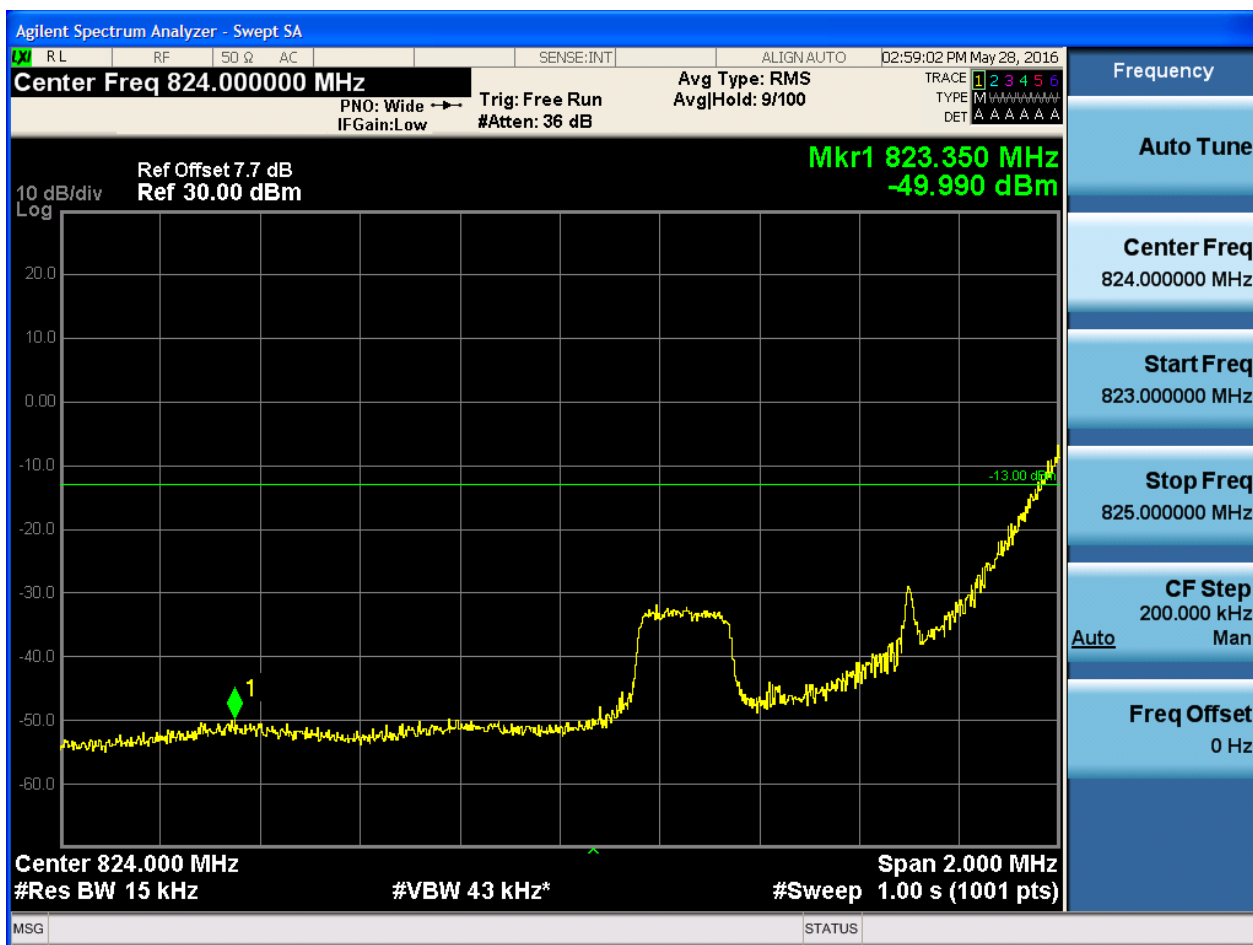
5.1.2.2.1.1 Test Channel = LCH

5.1.2.2.1.1.1 Test RB = RB1#0



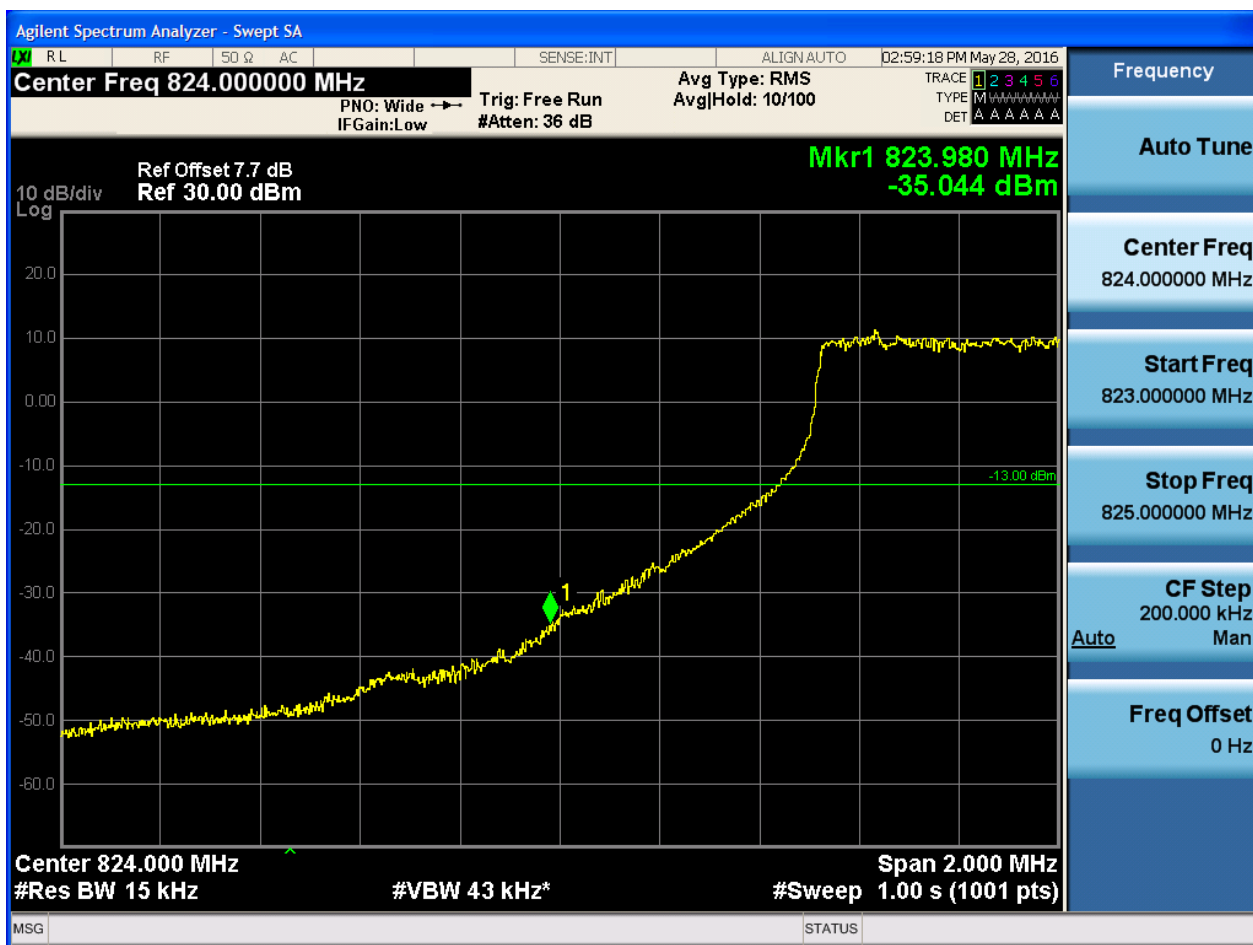


5.1.2.2.1.1.2 Test RB = RB1#5



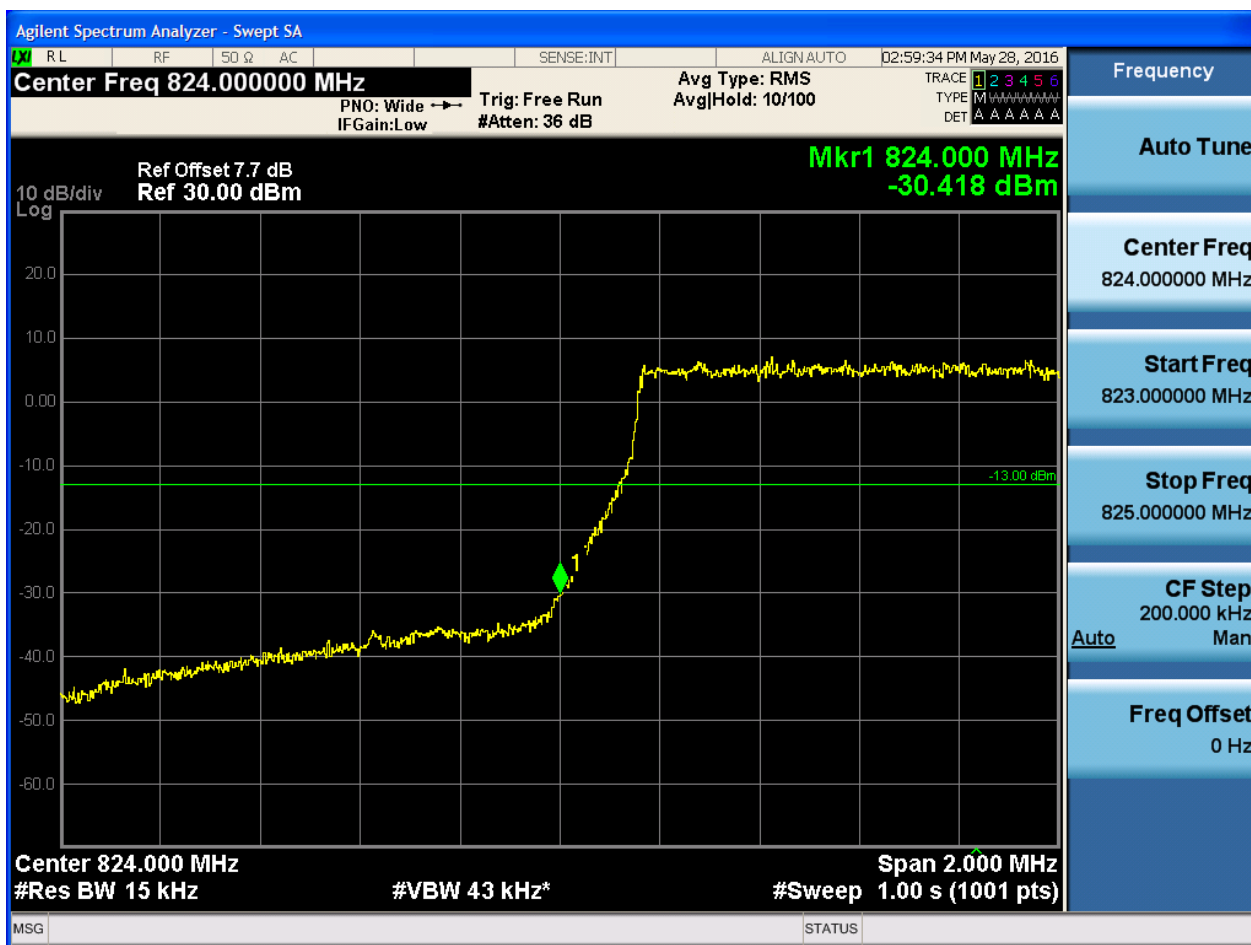


5.1.2.2.1.1.3 Test RB = RB3#2





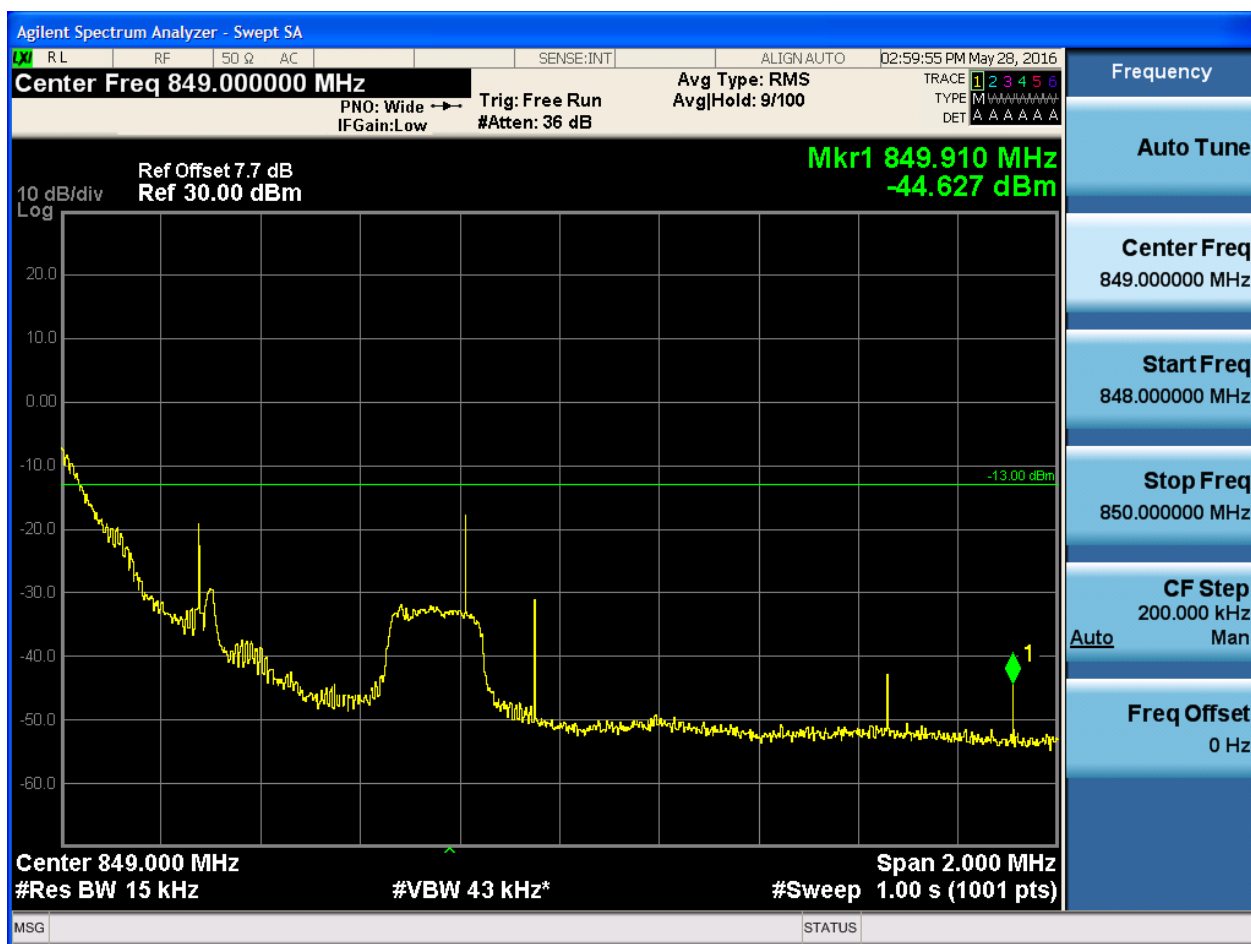
5.1.2.2.1.1.4 Test RB = RB6#0





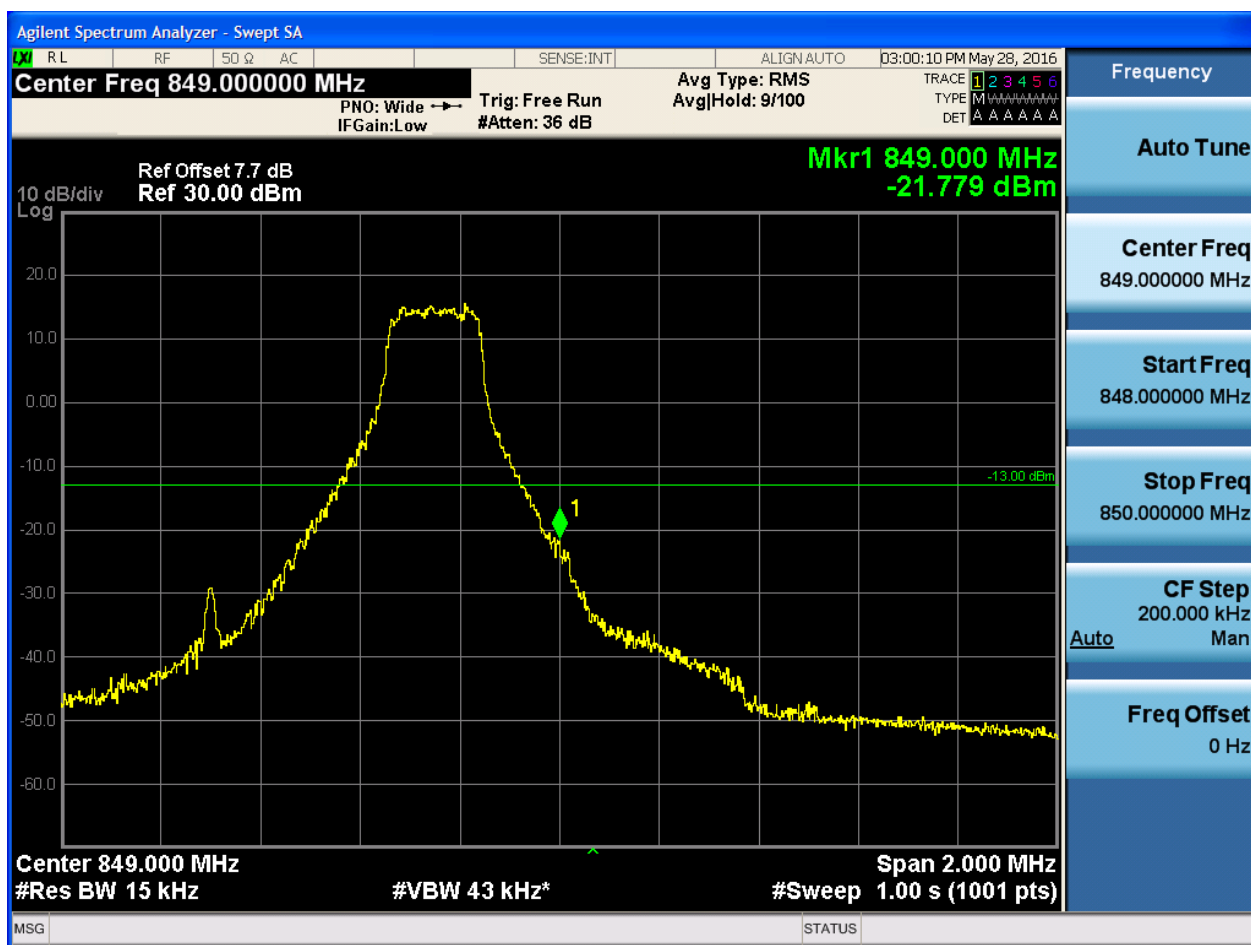
5.1.2.2.1.2 Test Channel = HCH

5.1.2.2.1.2.1 Test RB = RB1#0





5.1.2.2.1.2.2 Test RB = RB1#5





5.1.2.2.1.2.3 Test RB = RB3#2





5.1.2.2.1.2.4 Test RB = RB6#0

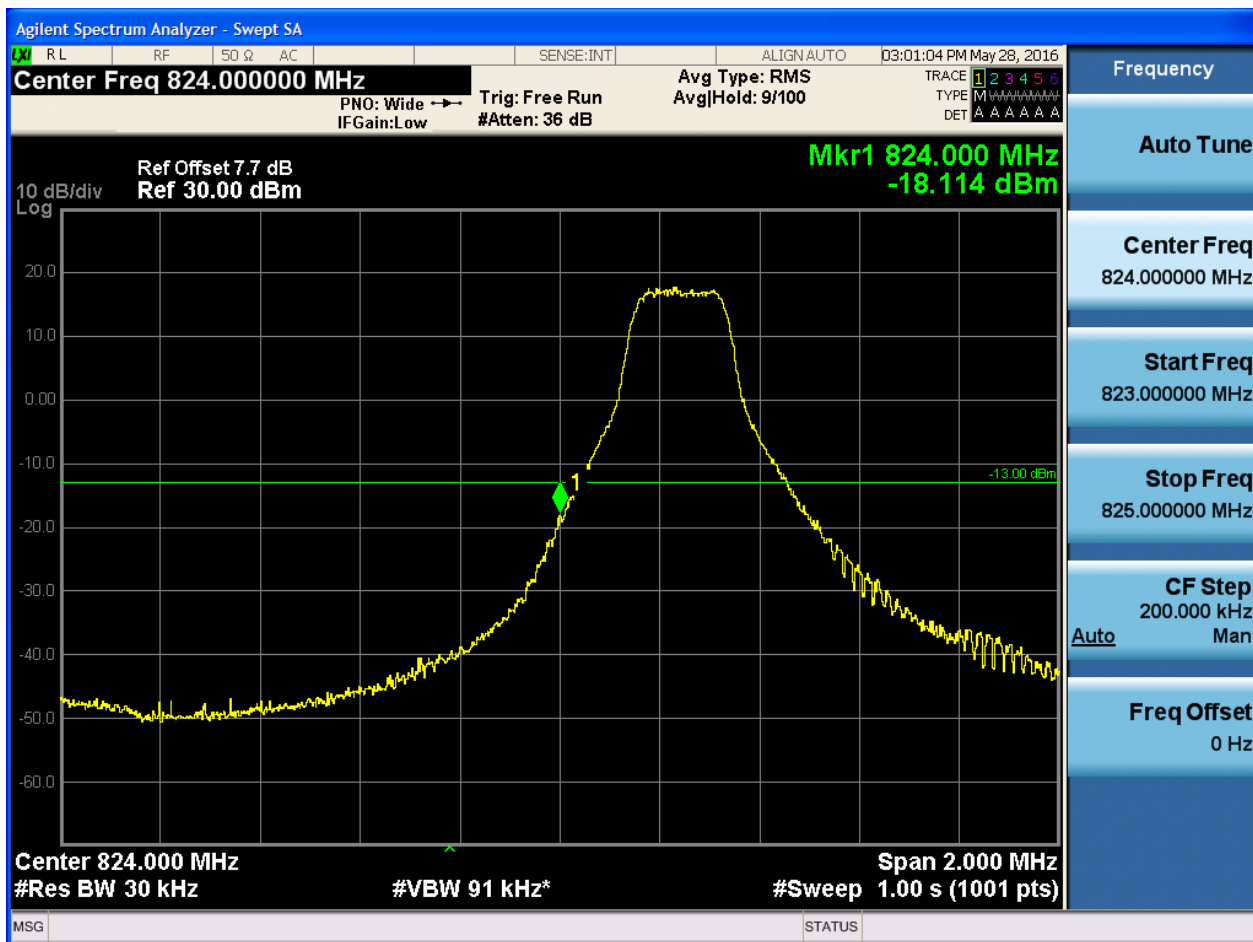




5.1.2.2.2 Test Bandwidth = 3

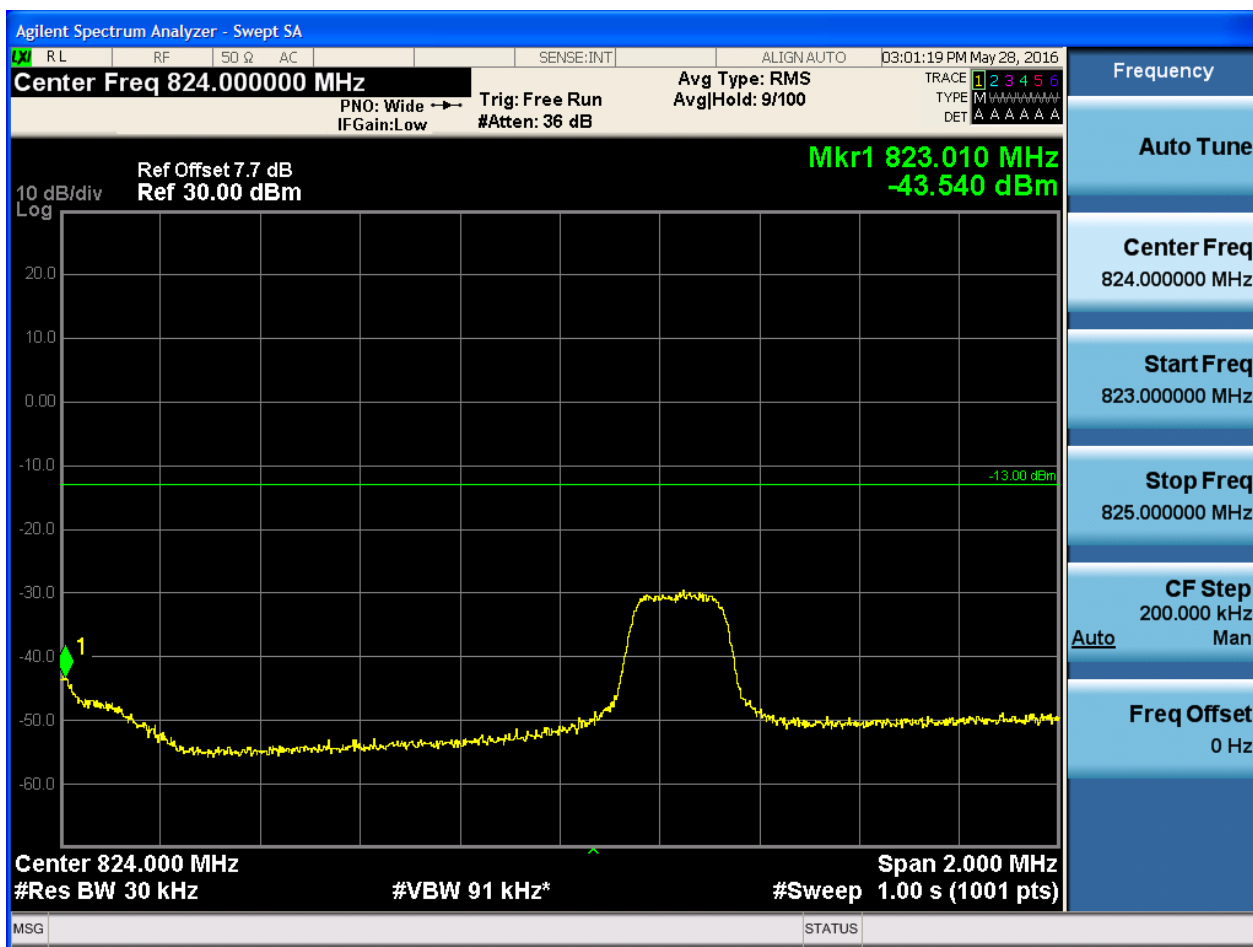
5.1.2.2.2.1 Test Channel = LCH

5.1.2.2.2.1.1 Test RB = RB1#0



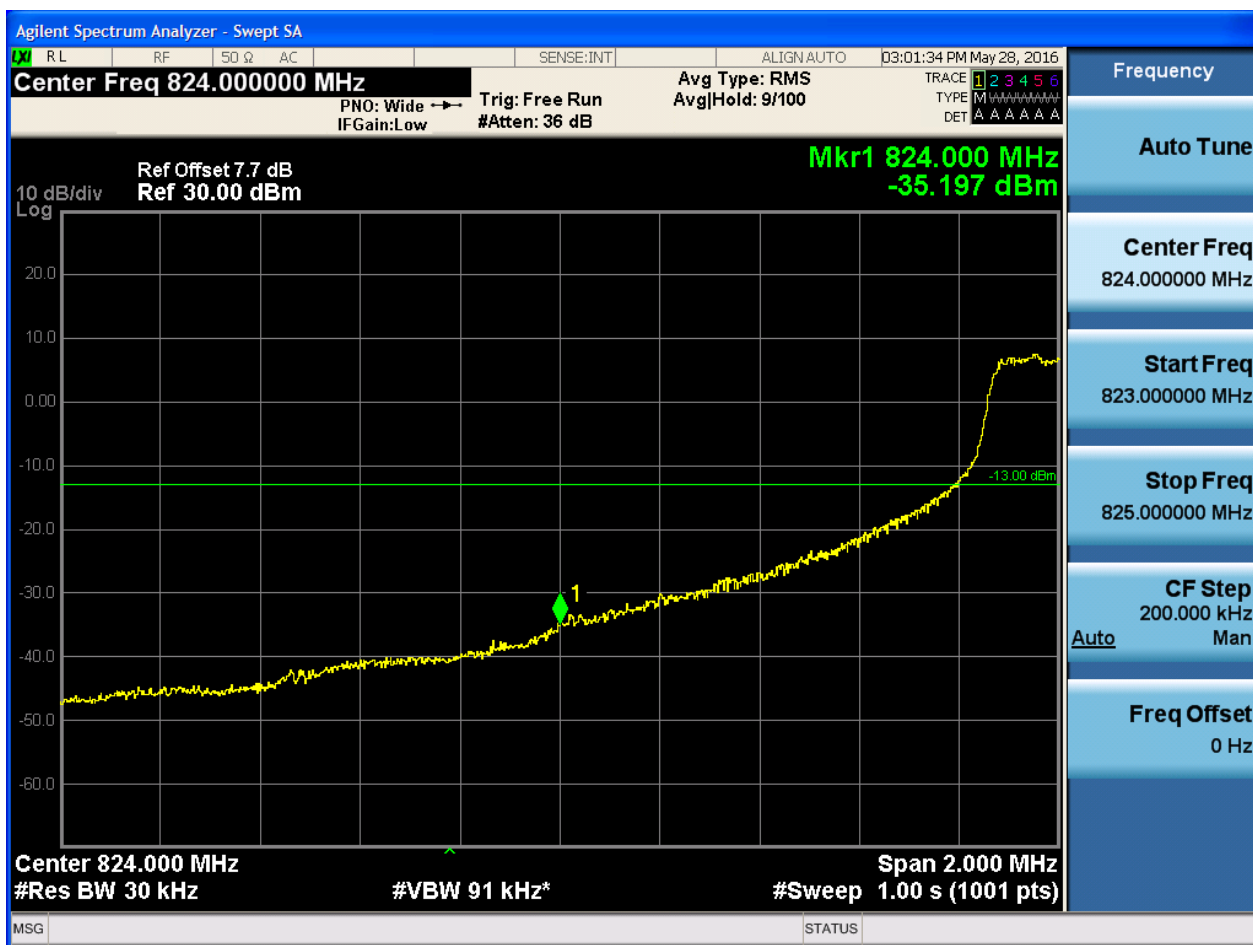


5.1.2.2.1.2 Test RB = RB1#14



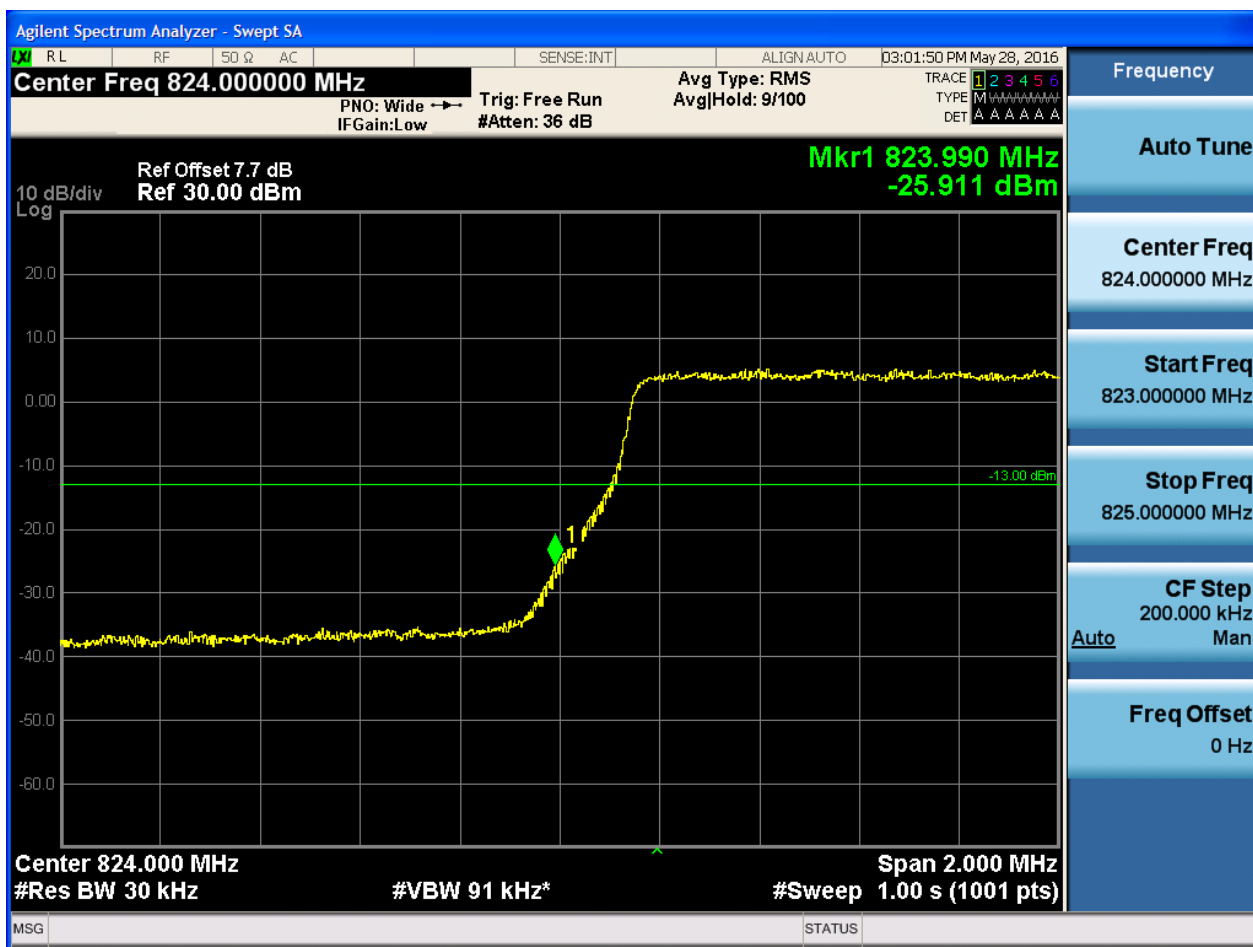


5.1.2.2.1.3 Test RB = RB8#4



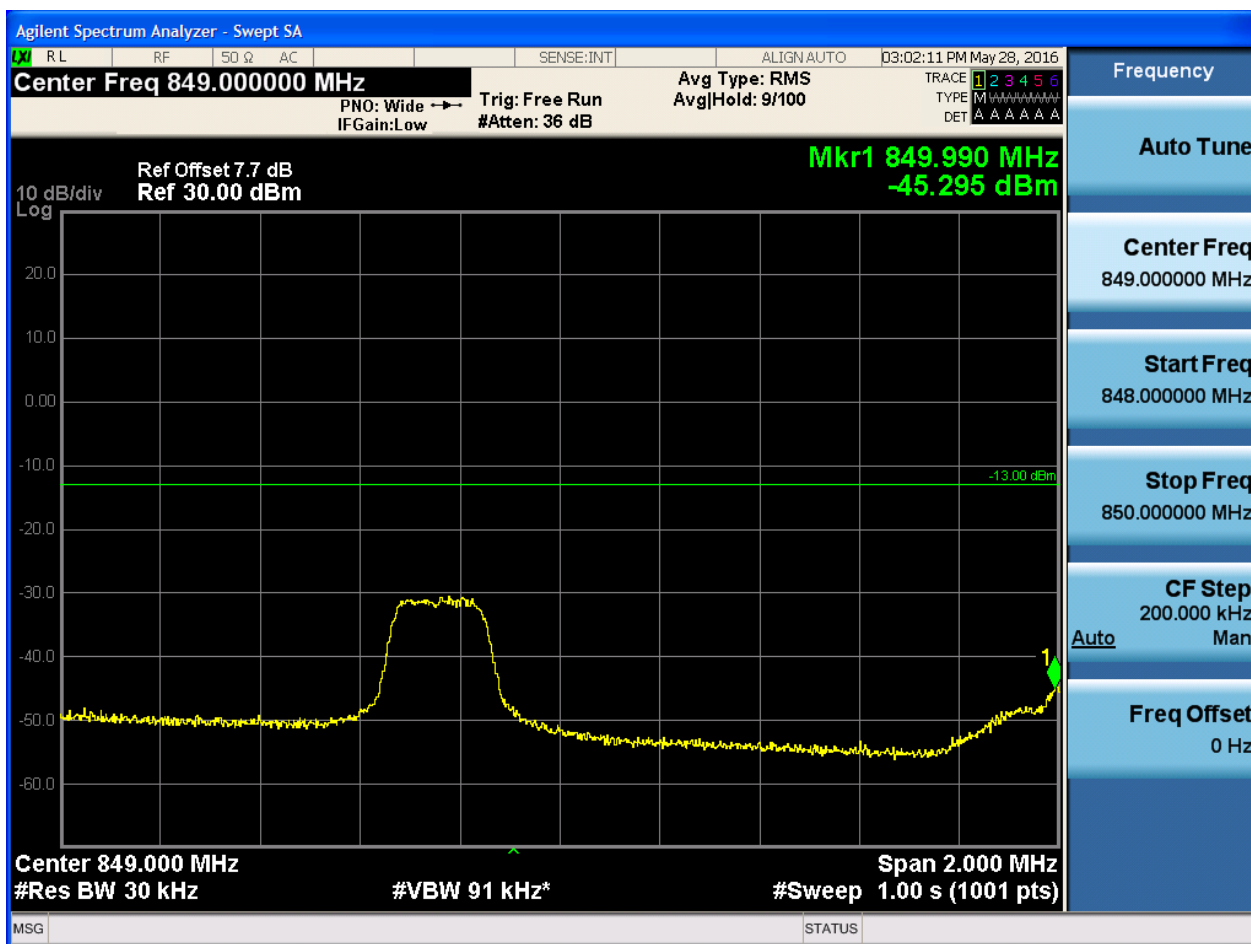


5.1.2.2.1.4 Test RB = RB15#0



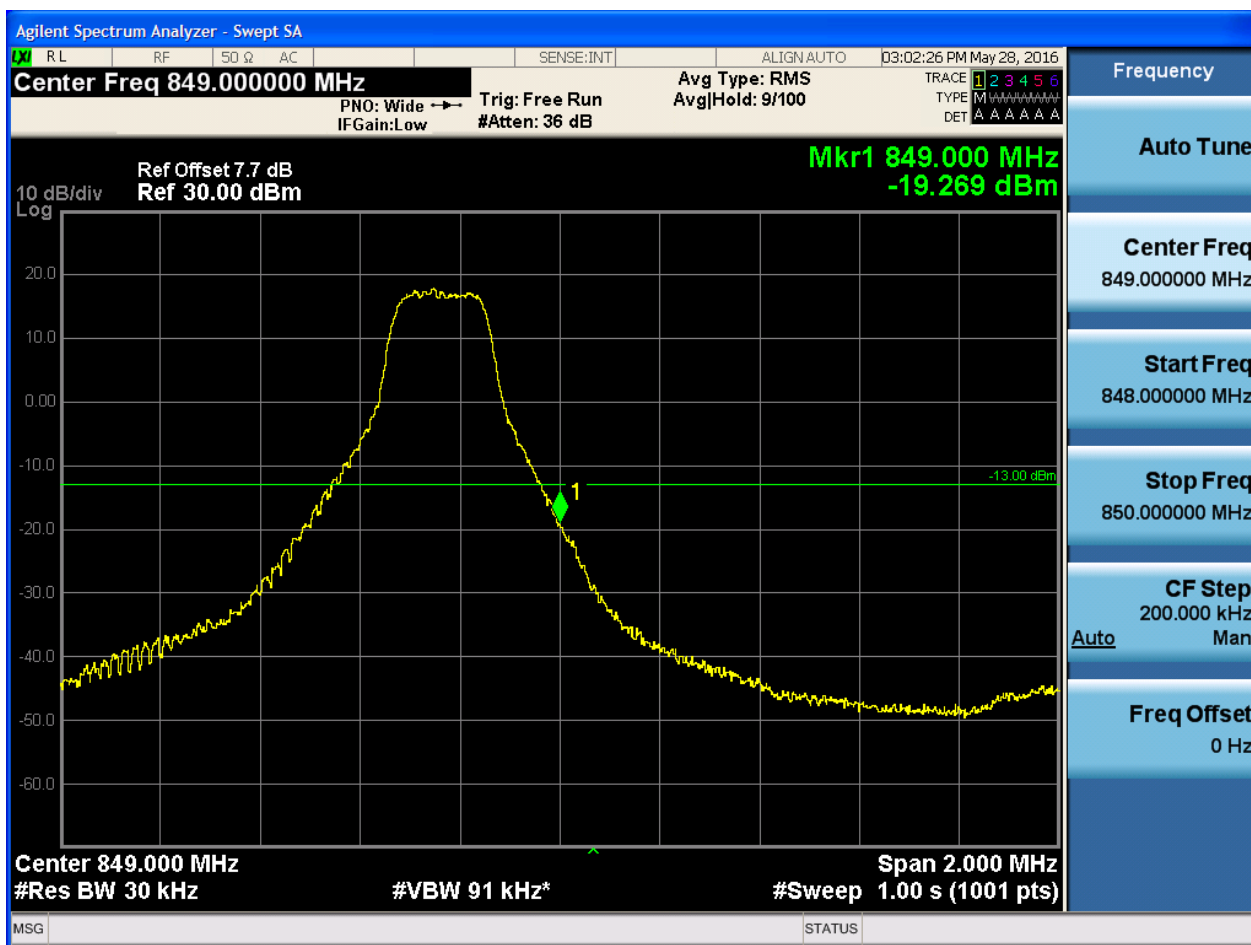
5.1.2.2.2.2 Test Channel = HCH

5.1.2.2.2.1 Test RB = RB1#0





5.1.2.2.2.2 Test RB = RB1#14



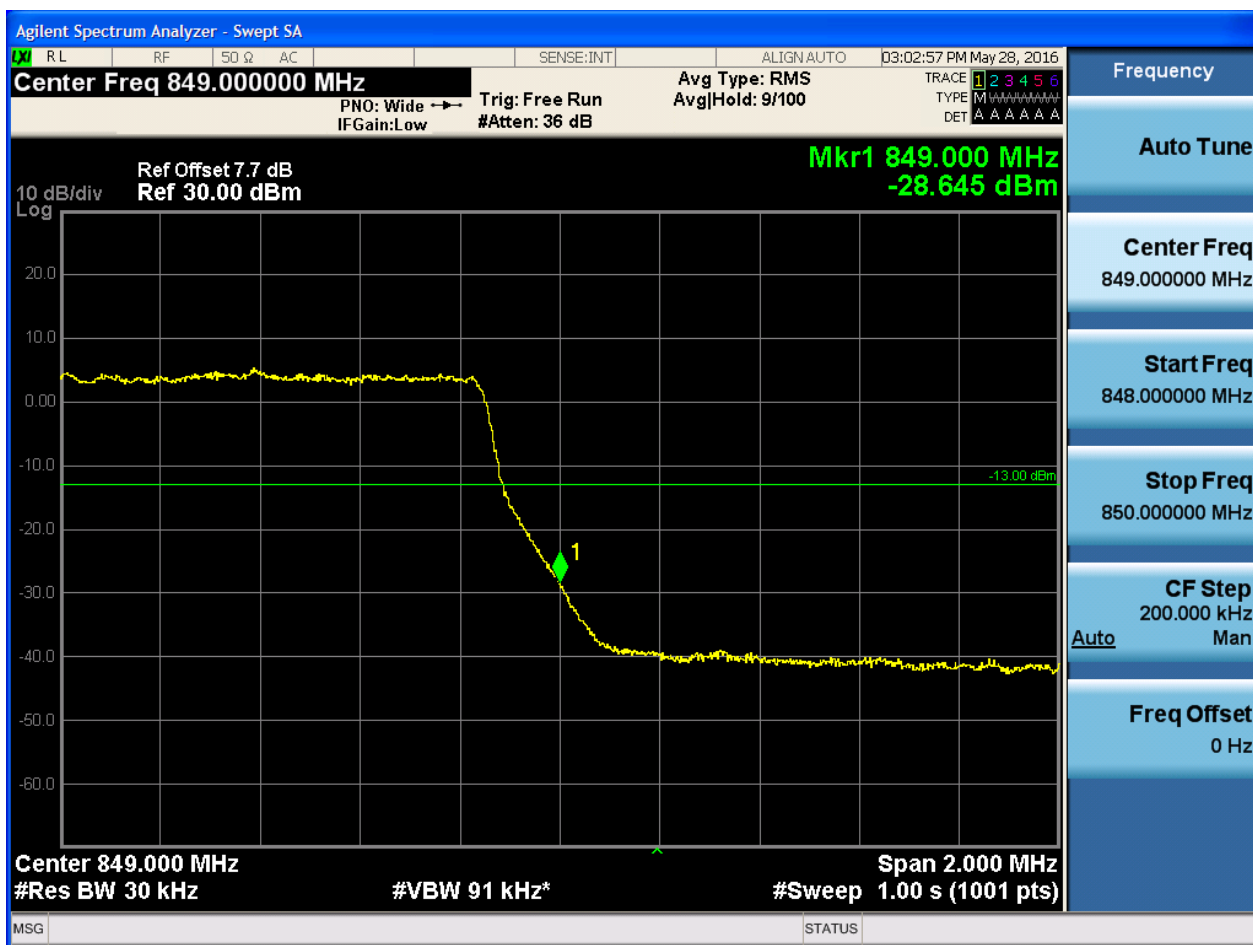


5.1.2.2.2.3 Test RB = RB8#4





5.1.2.2.2.4 Test RB = RB15#0

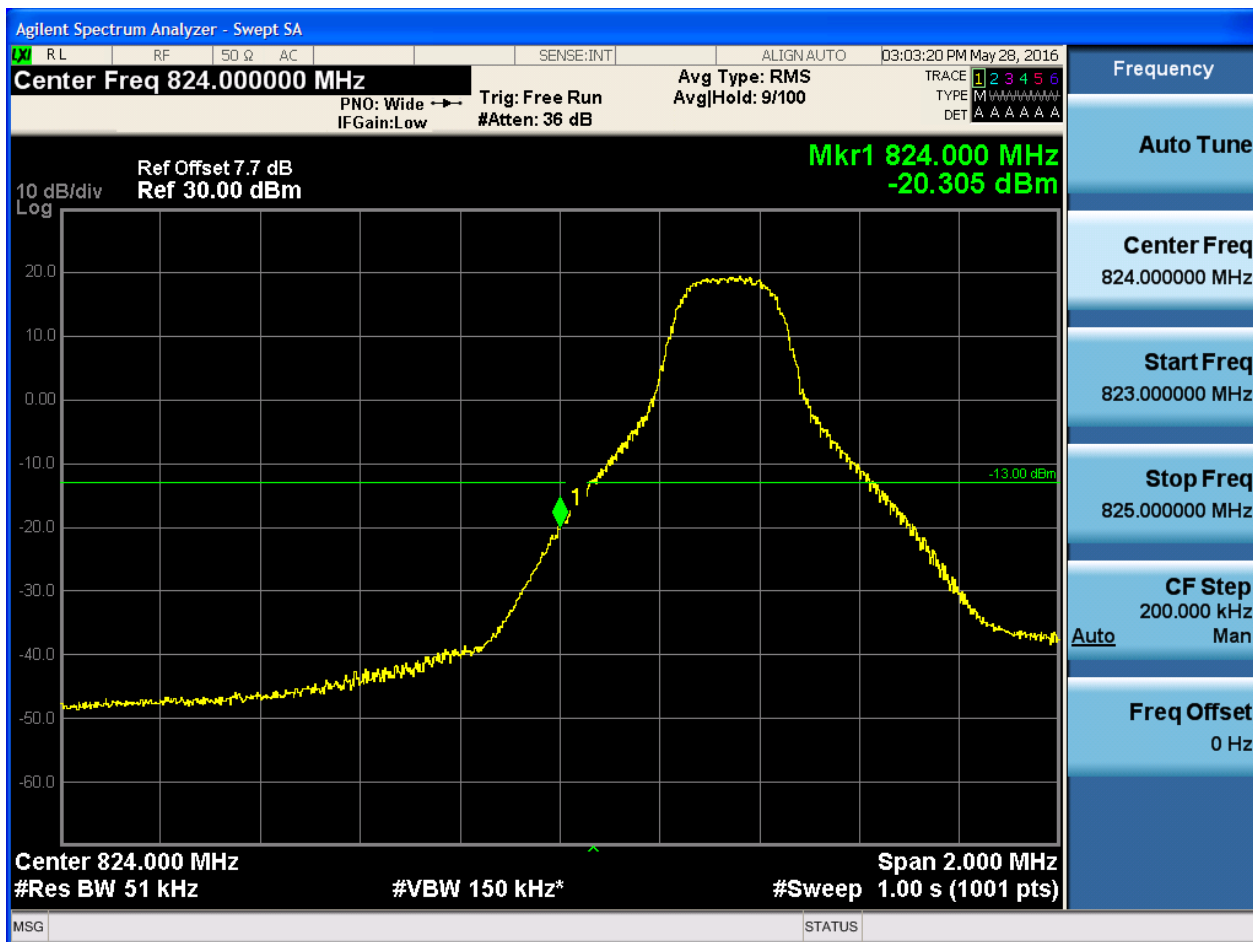




5.1.2.2.3 Test Bandwidth = 5

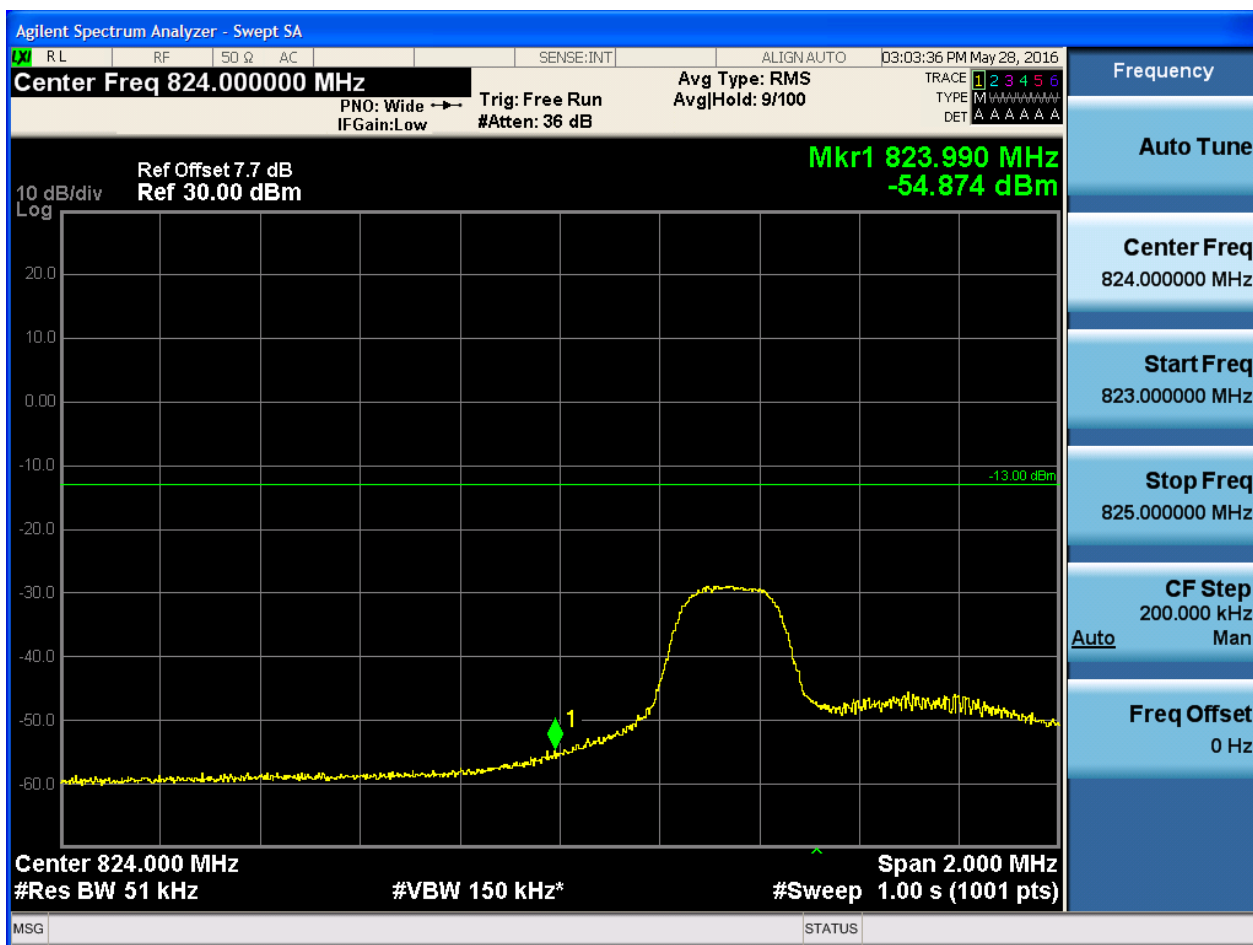
5.1.2.2.3.1 Test Channel = LCH

5.1.2.2.3.1.1 Test RB = RB1#0





5.1.2.2.3.1.2 Test RB = RB1#24



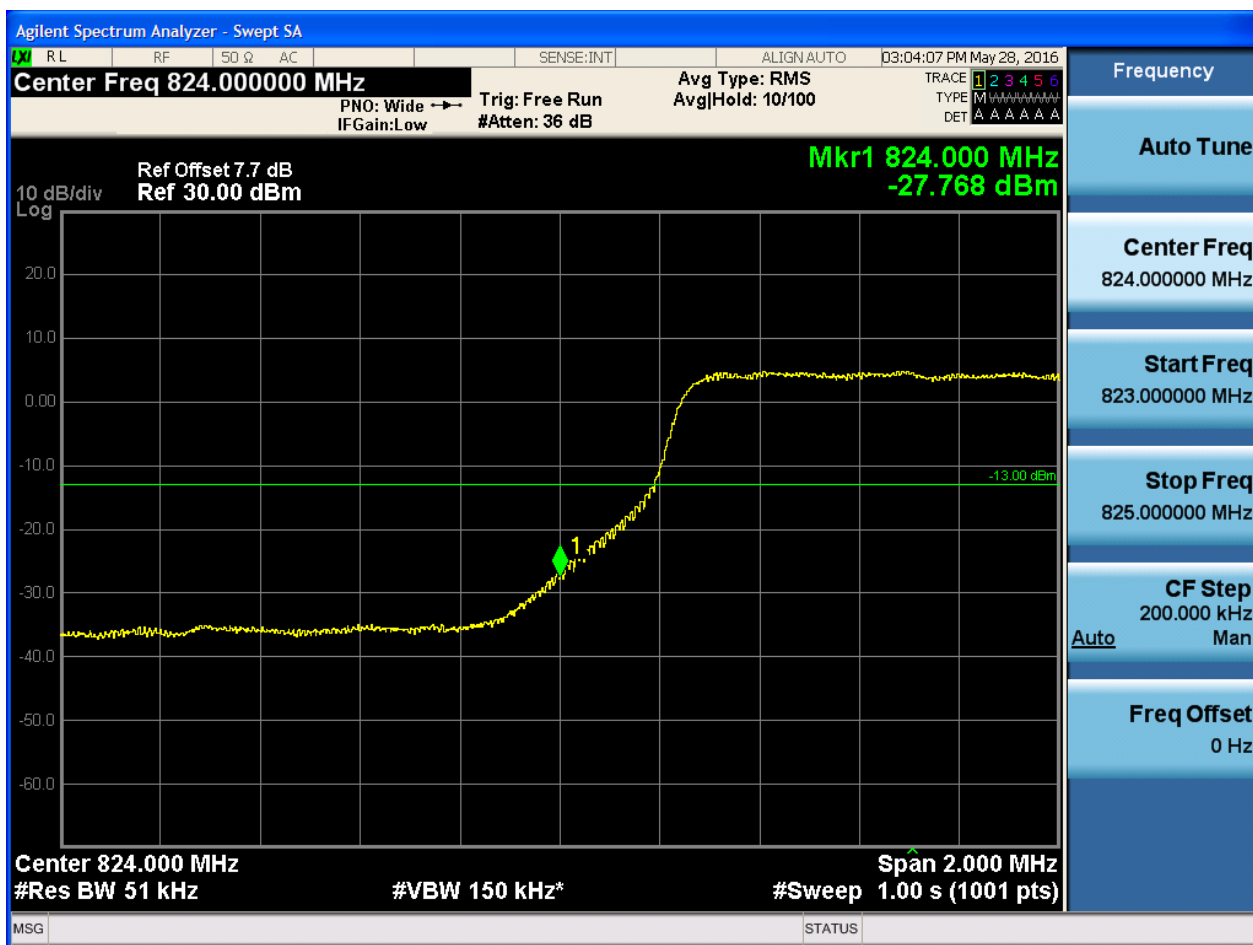


5.1.2.2.3.1.3 Test RB = RB12#6



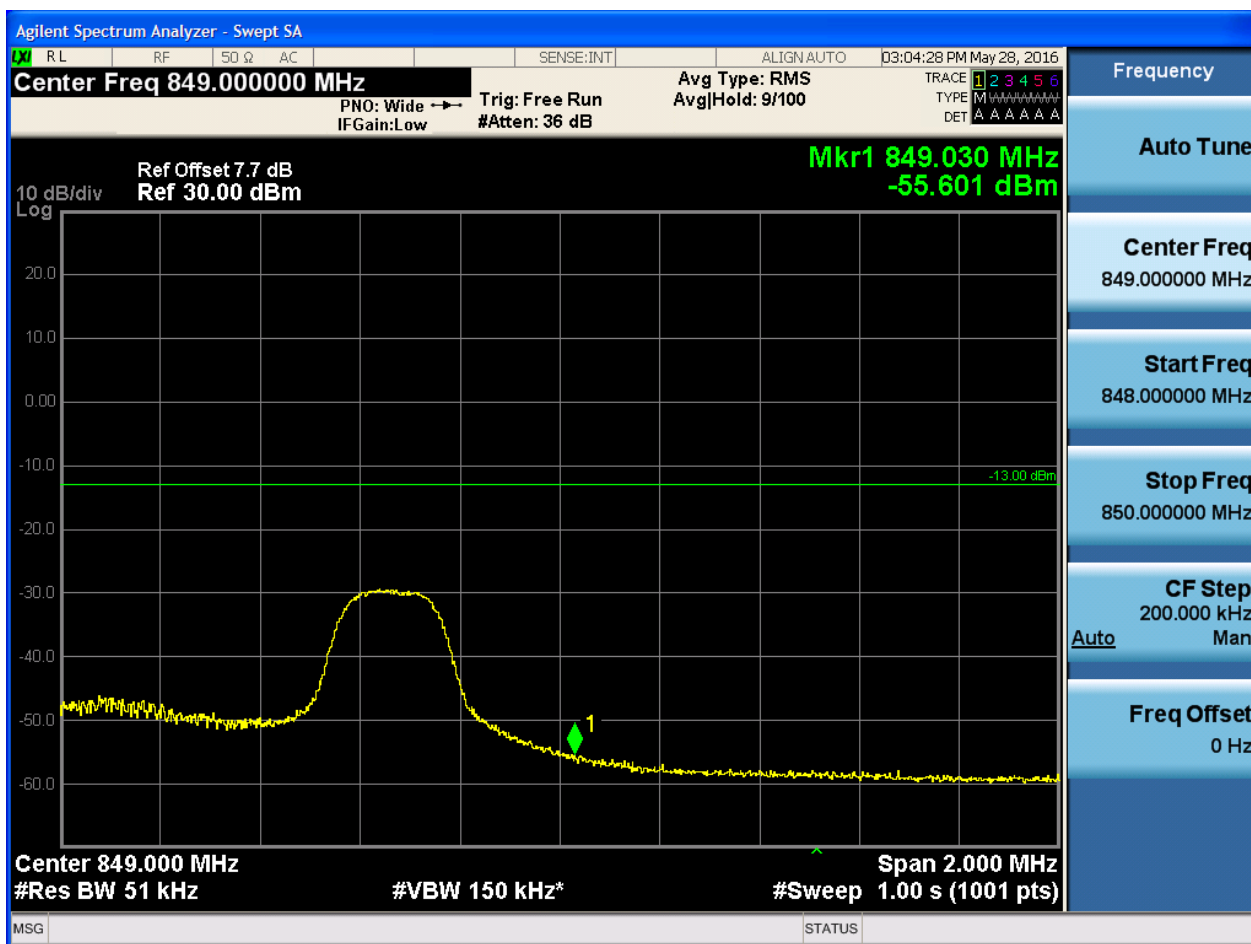


5.1.2.2.3.1.4 Test RB = RB25#0



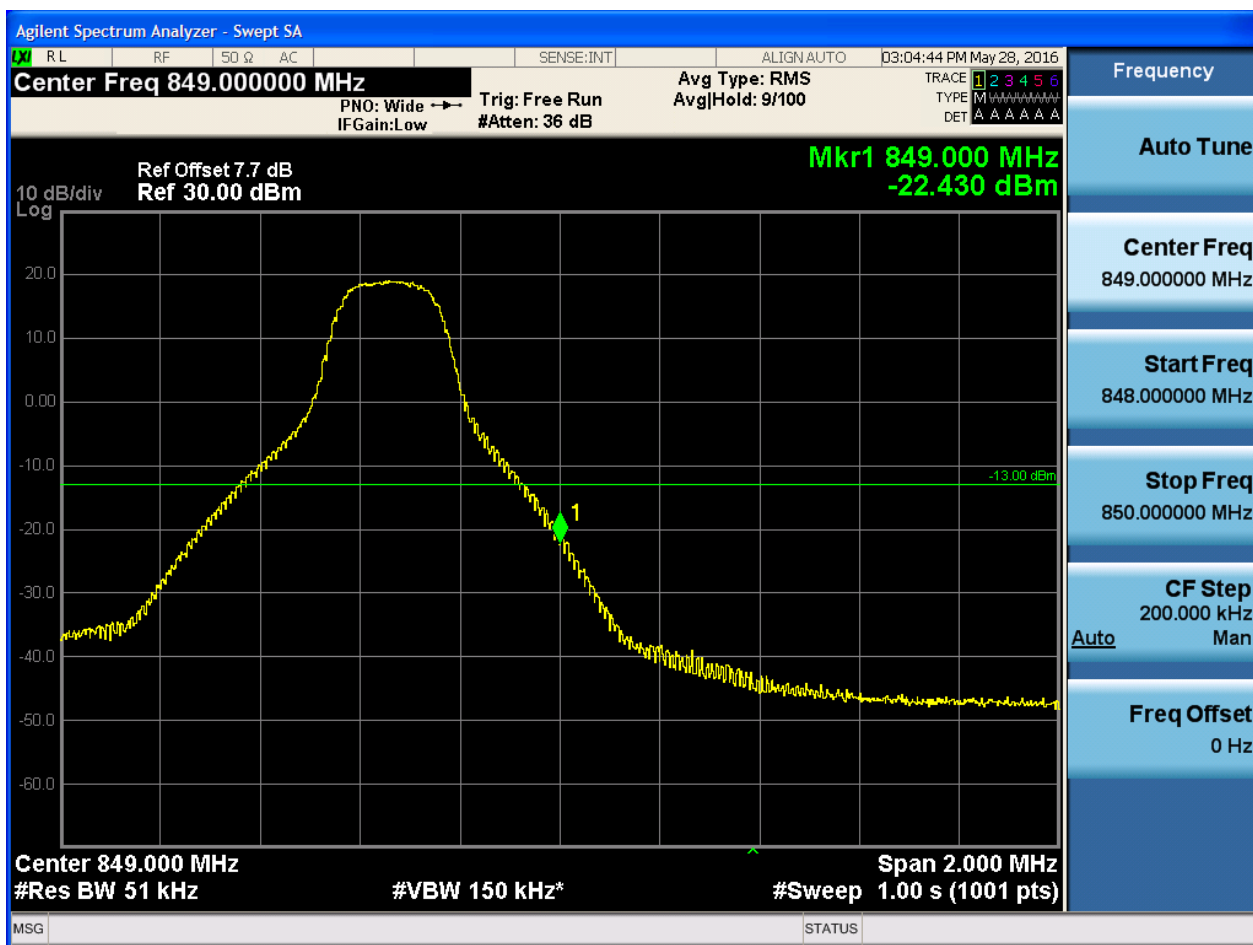
5.1.2.2.3.2 Test Channel = HCH

5.1.2.2.3.2.1 Test RB = RB1#0





5.1.2.2.3.2.2 Test RB = RB1#24





5.1.2.2.3.2.3 Test RB = RB12#6





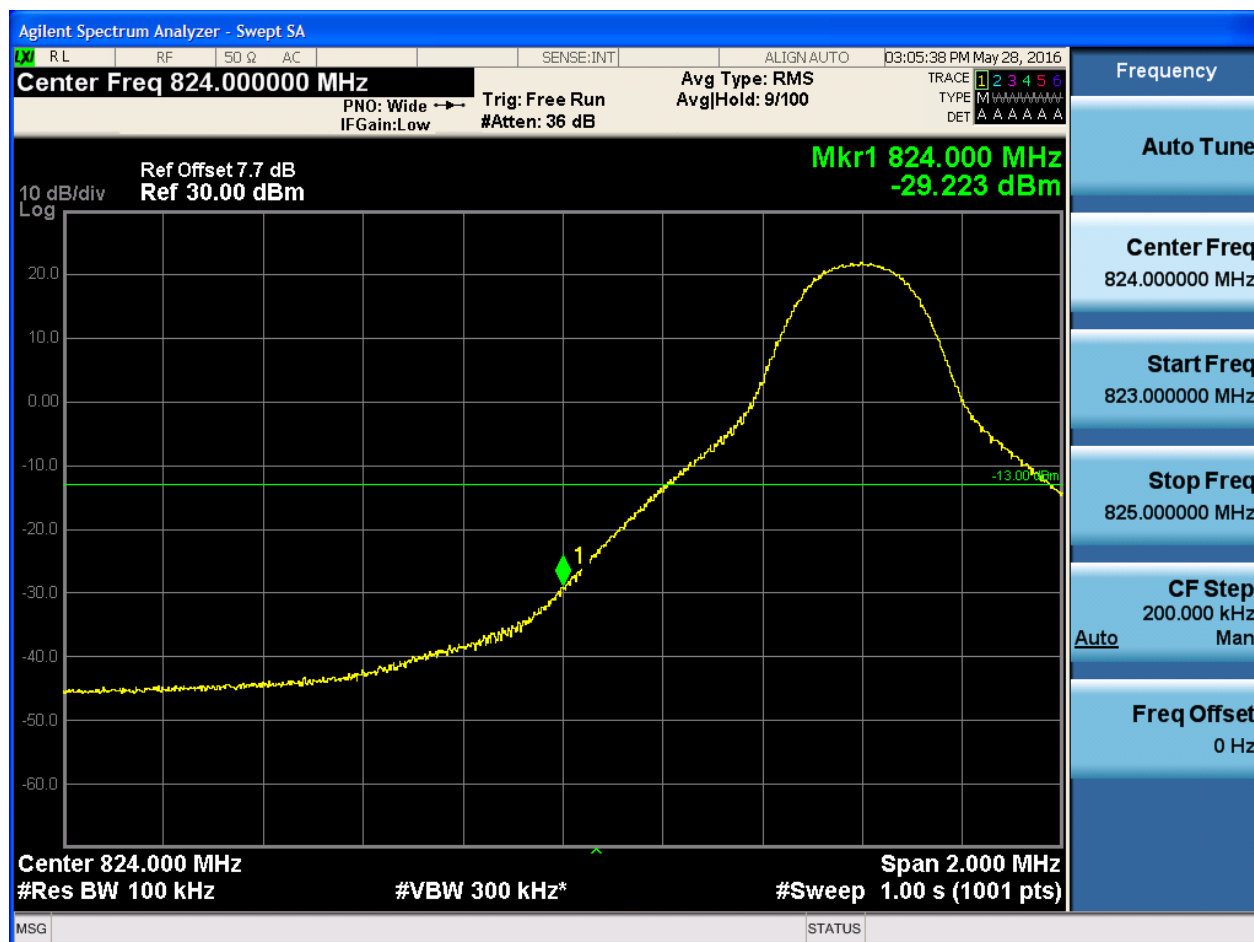
5.1.2.2.3.2.4 Test RB = RB25#0



5.1.2.2.4 Test Bandwidth = 10

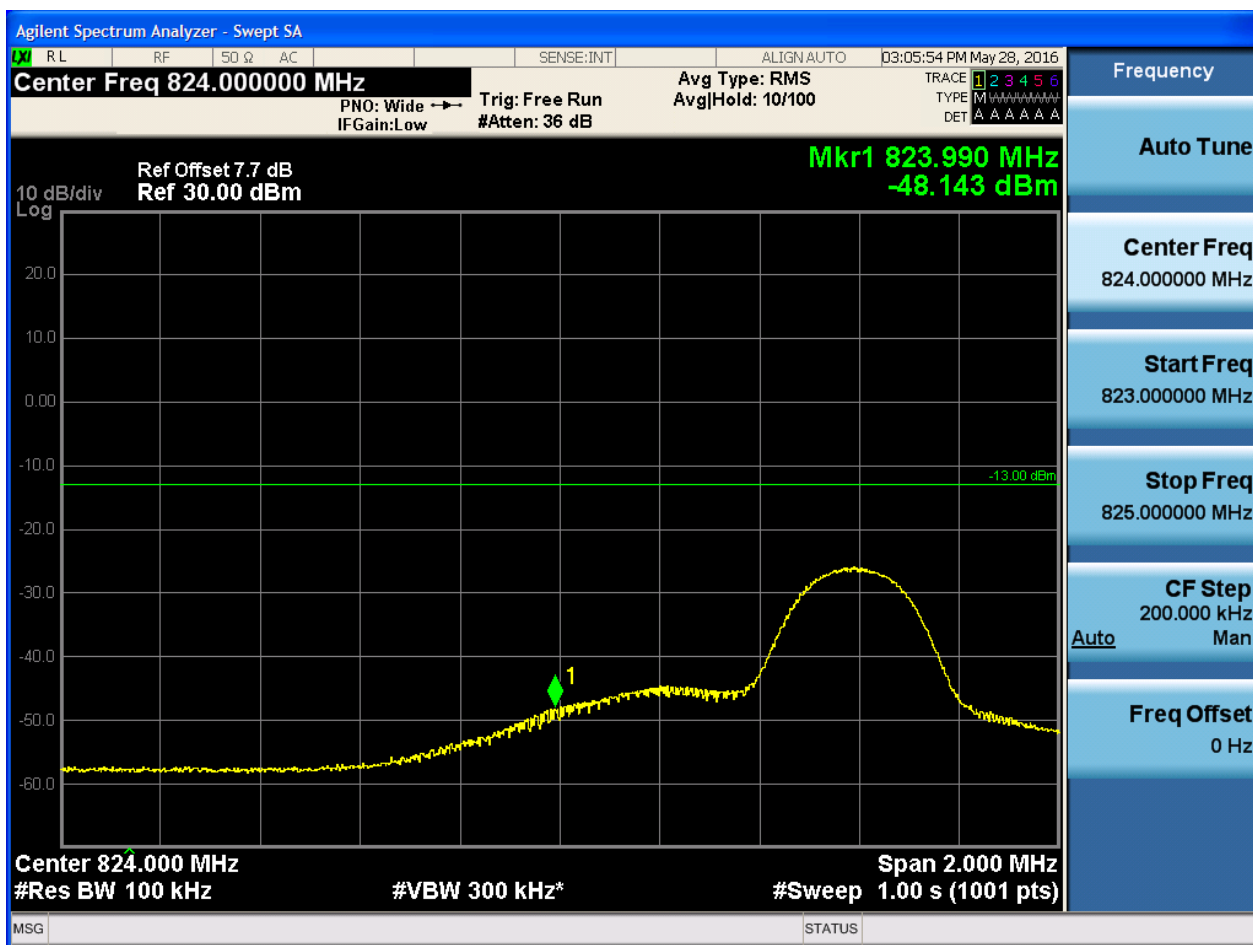
5.1.2.2.4.1 Test Channel = LCH

5.1.2.2.4.1.1 Test RB = RB1#0



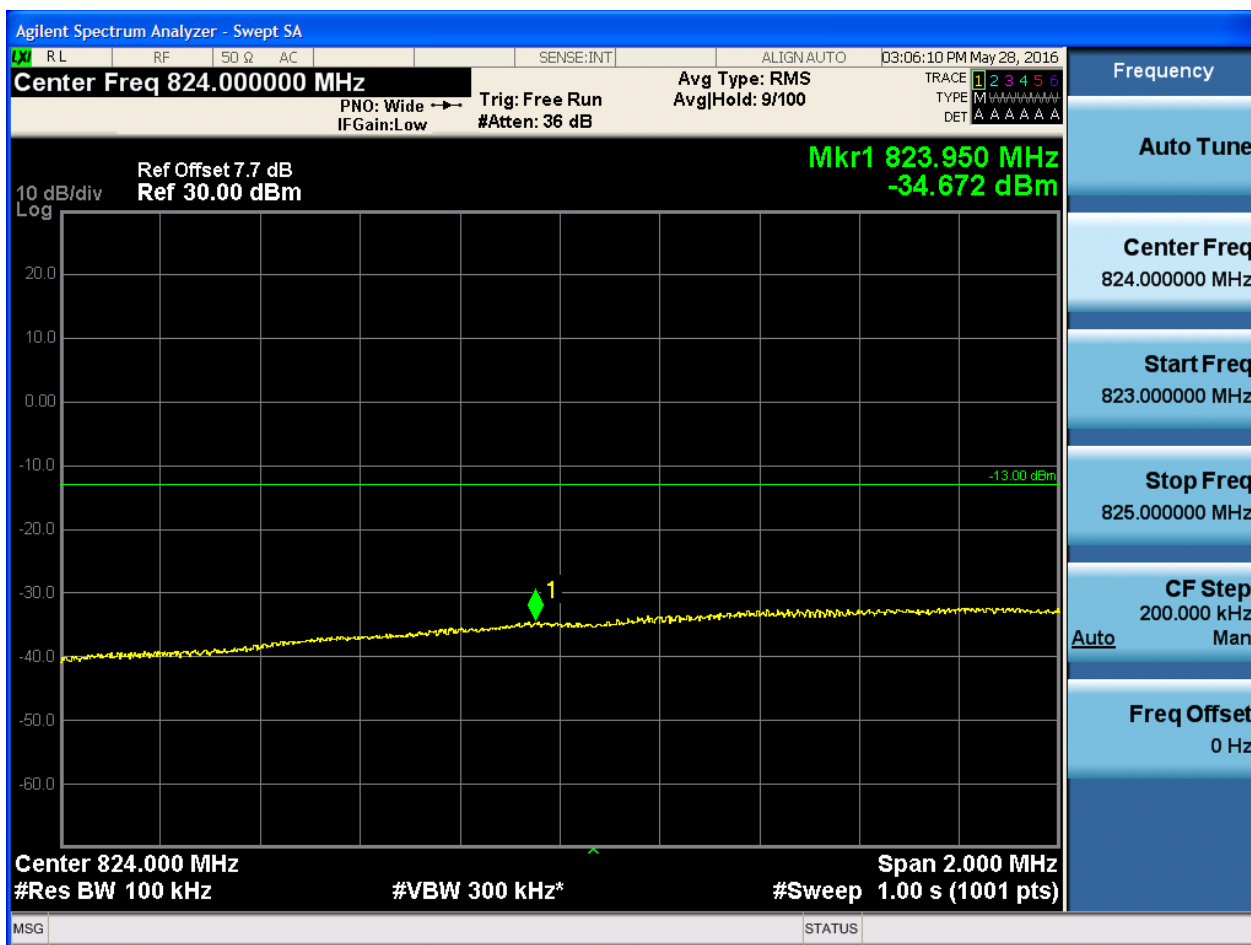


5.1.2.2.4.1.2 Test RB = RB1#49





5.1.2.2.4.1.3 Test RB = RB25#13



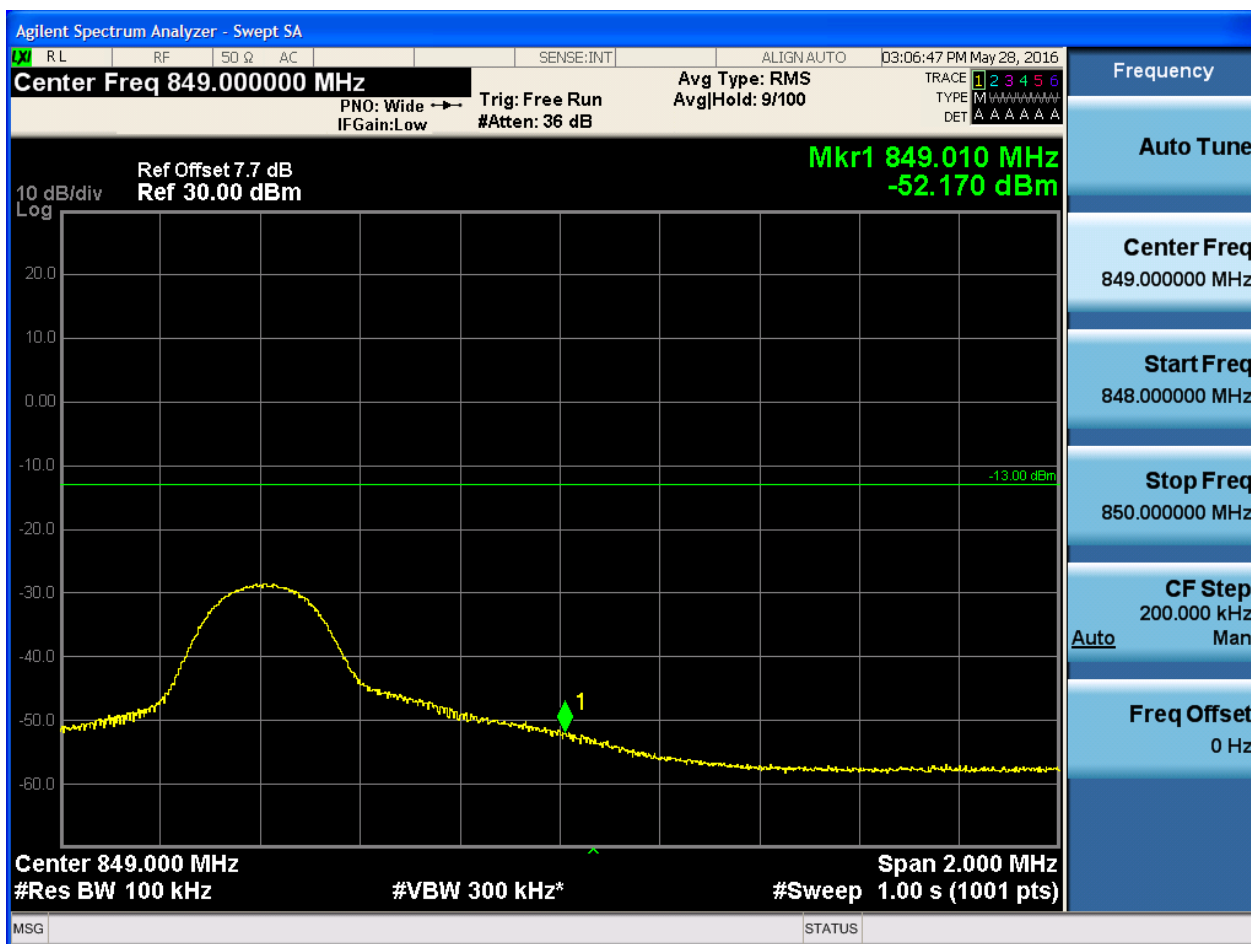


5.1.2.2.4.1.4 Test RB = RB50#0



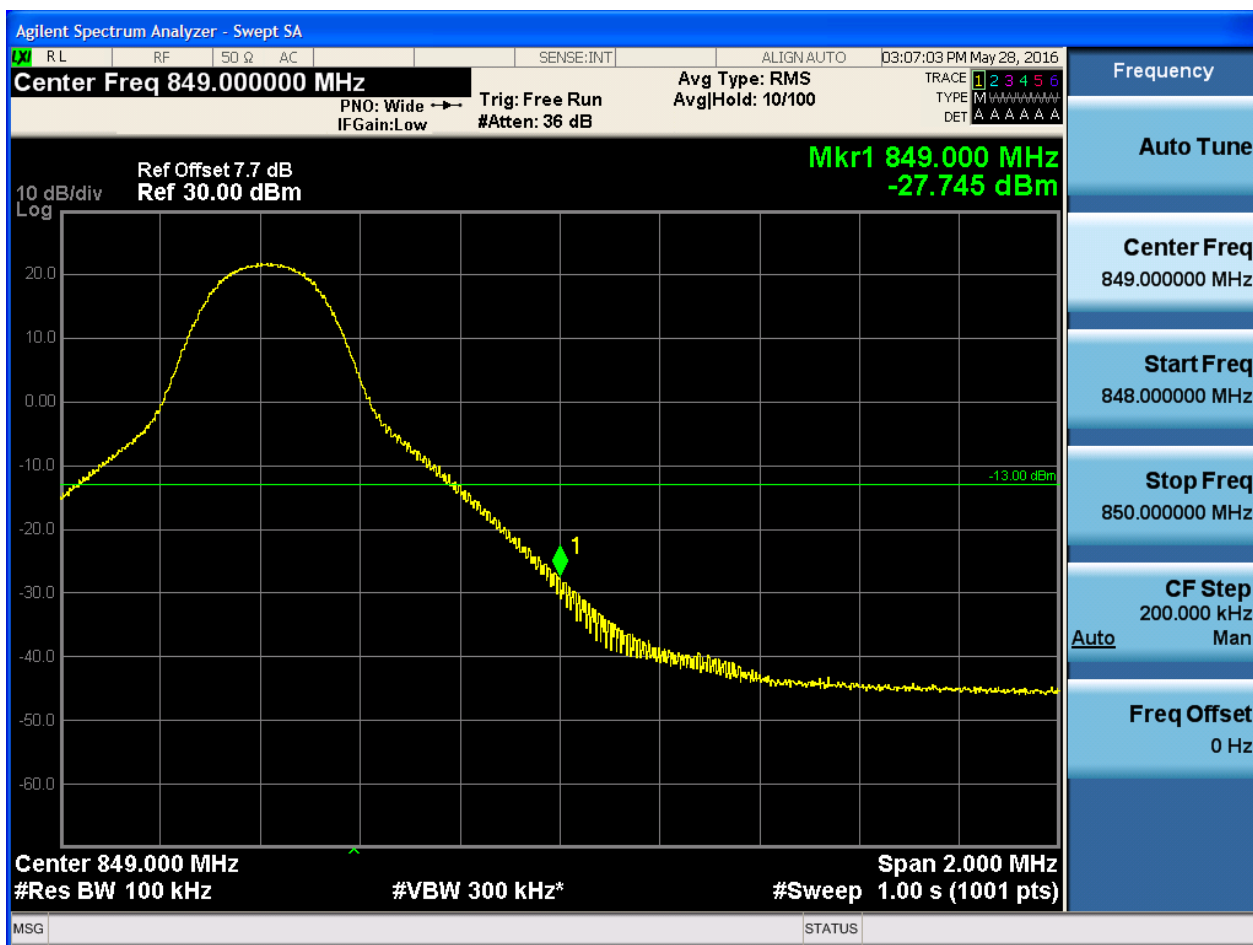
5.1.2.2.4.2 Test Channel = HCH

5.1.2.2.4.2.1 Test RB = RB1#0





5.1.2.2.4.2.2 Test RB = RB1#49





5.1.2.2.4.2.3 Test RB = RB25#13





5.1.2.2.4.2.4 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

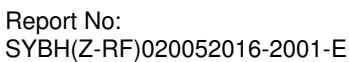
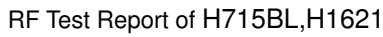
6.1.1 Test Band = BAND5

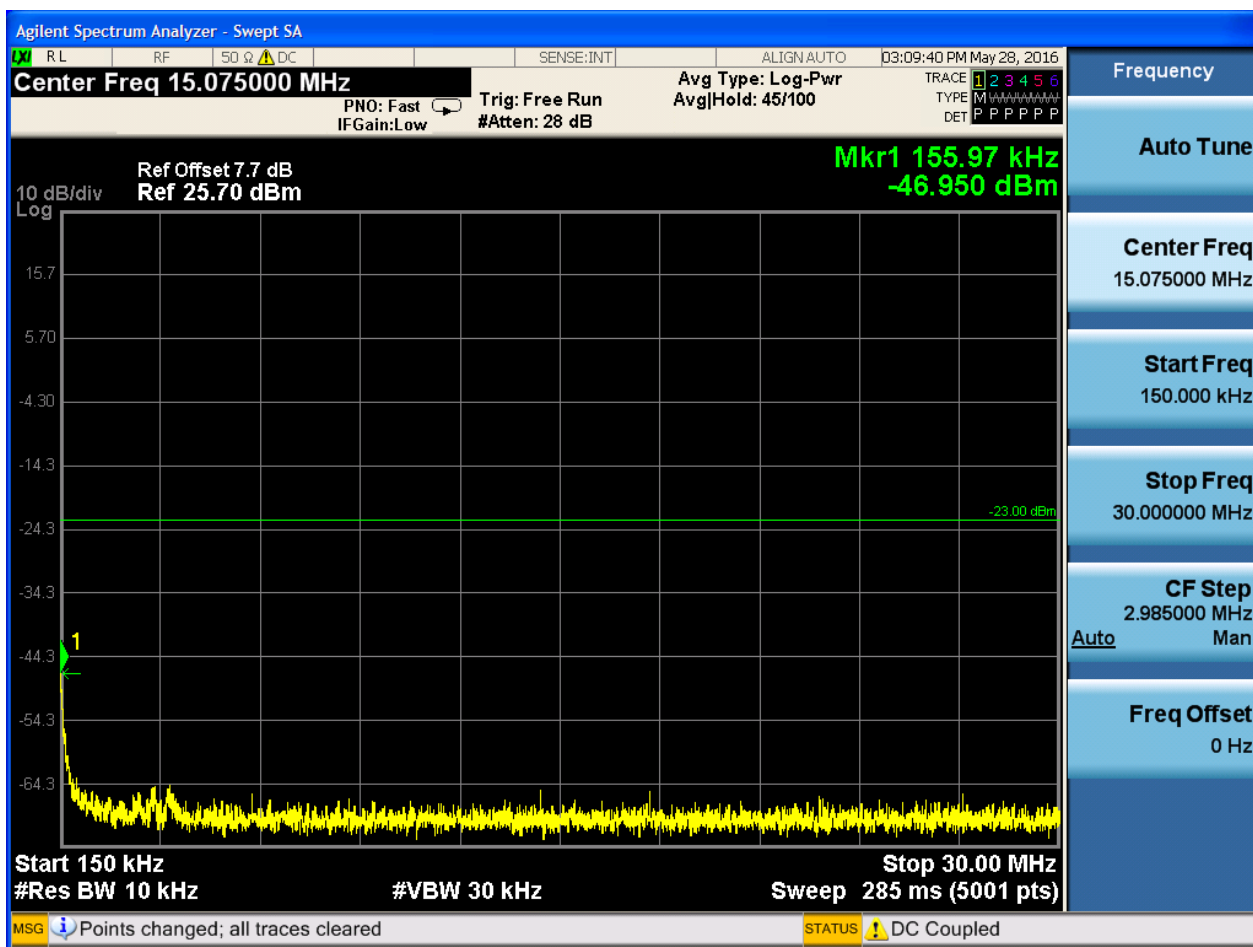
6.1.1.1 Test Mode = LTE/TM1

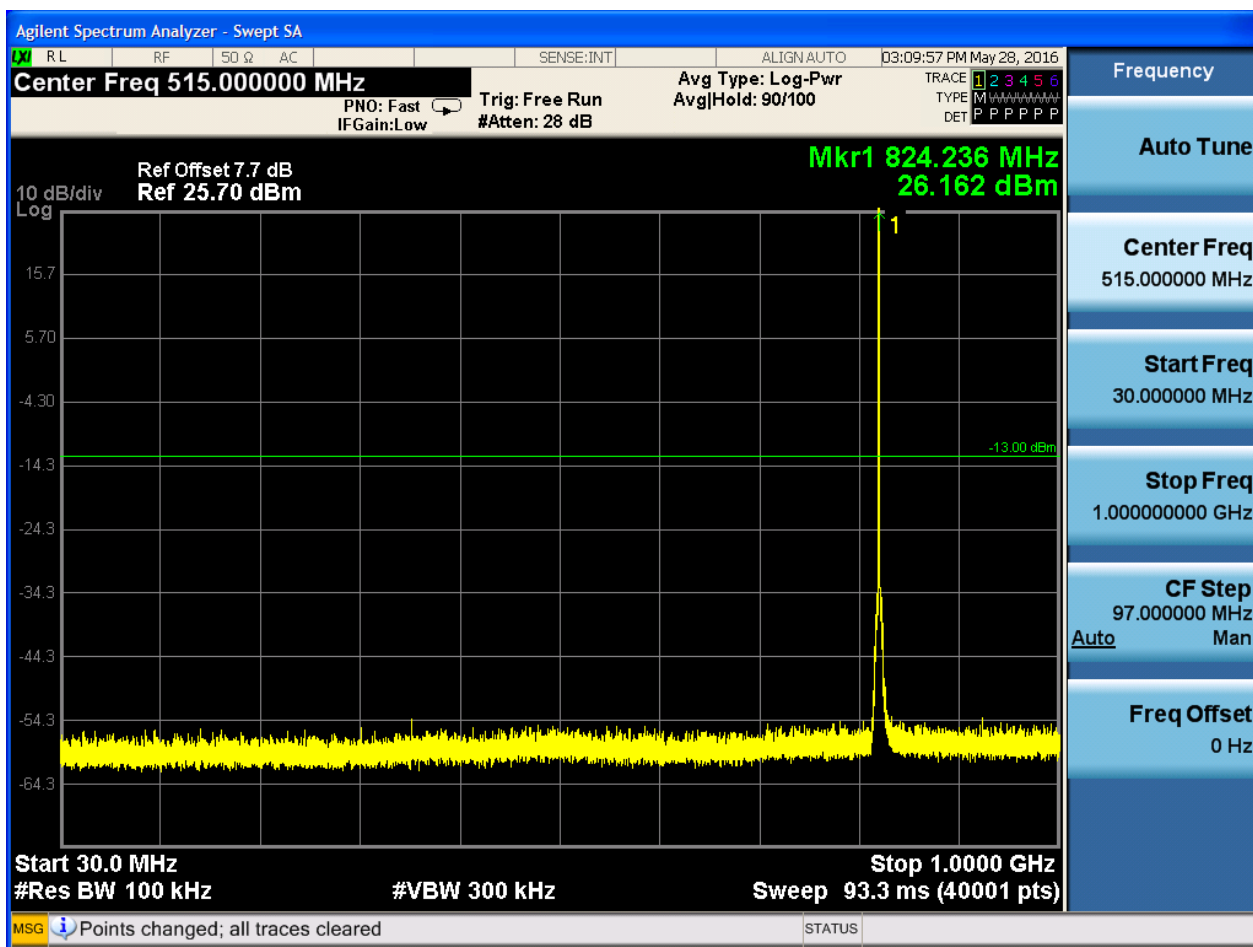
6.1.1.1.1 Test Bandwidth = 1.4

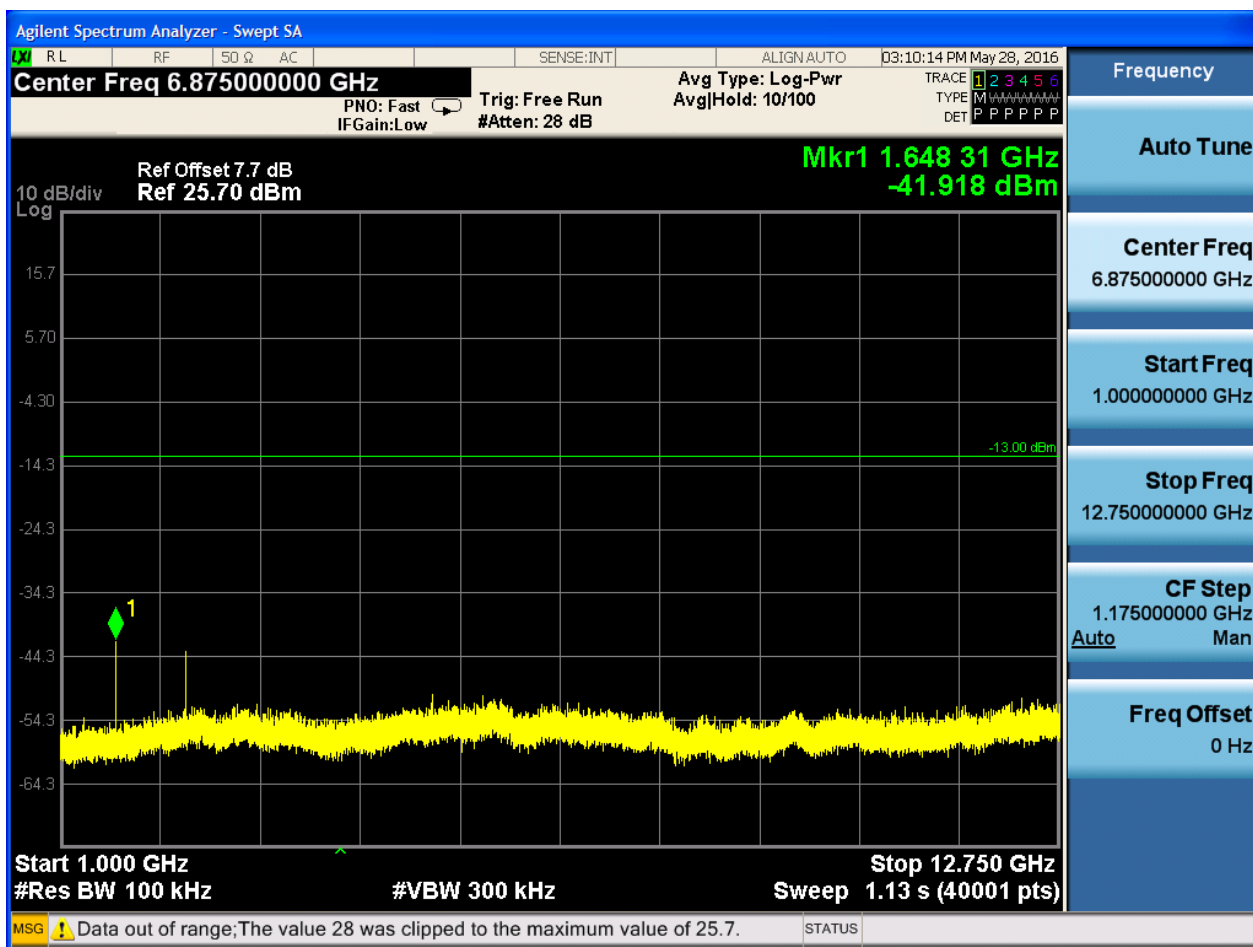
6.1.2.1.1.1 Test Channel = LCH

6.1.2.1.1.1.1 Test RB = RB1#0



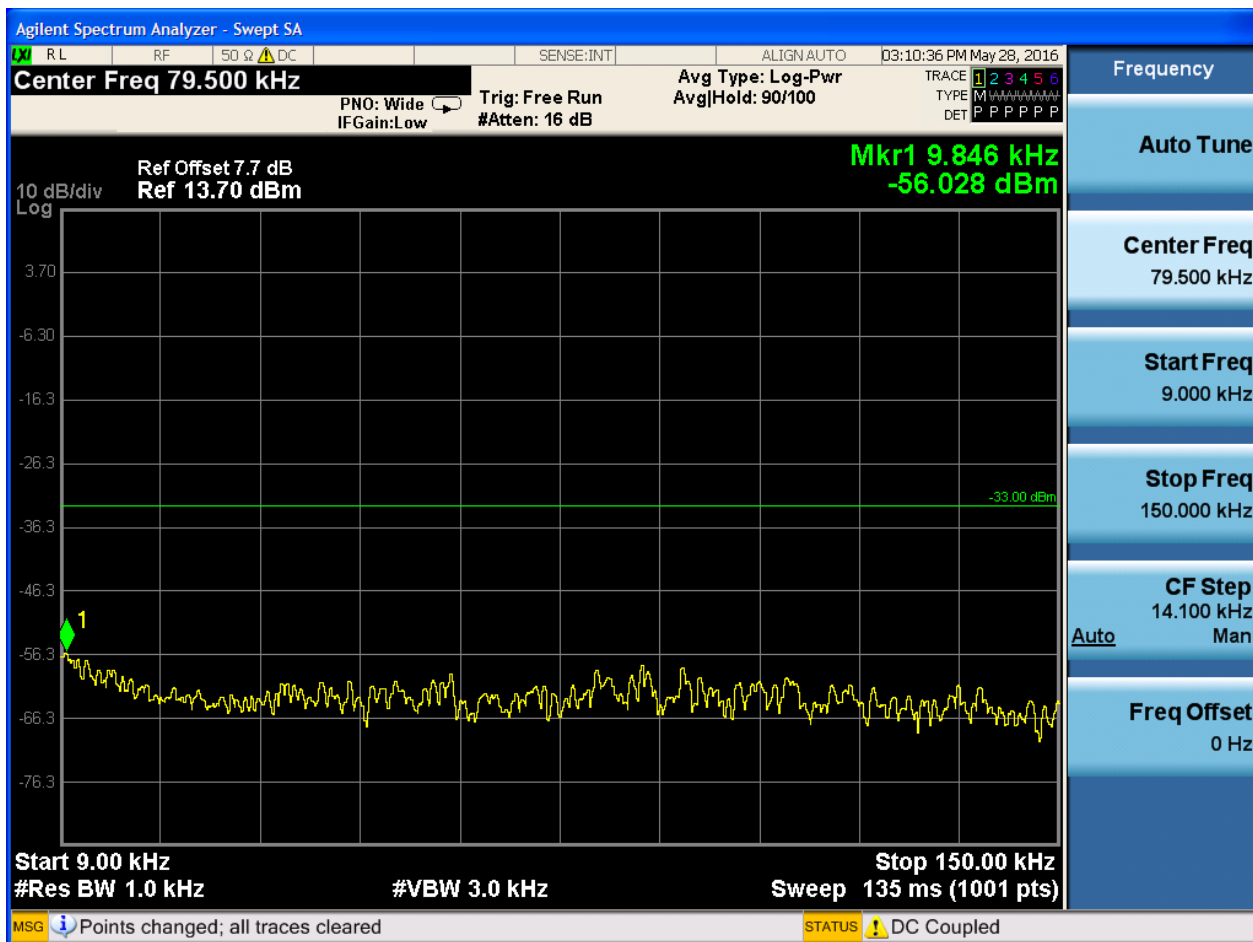


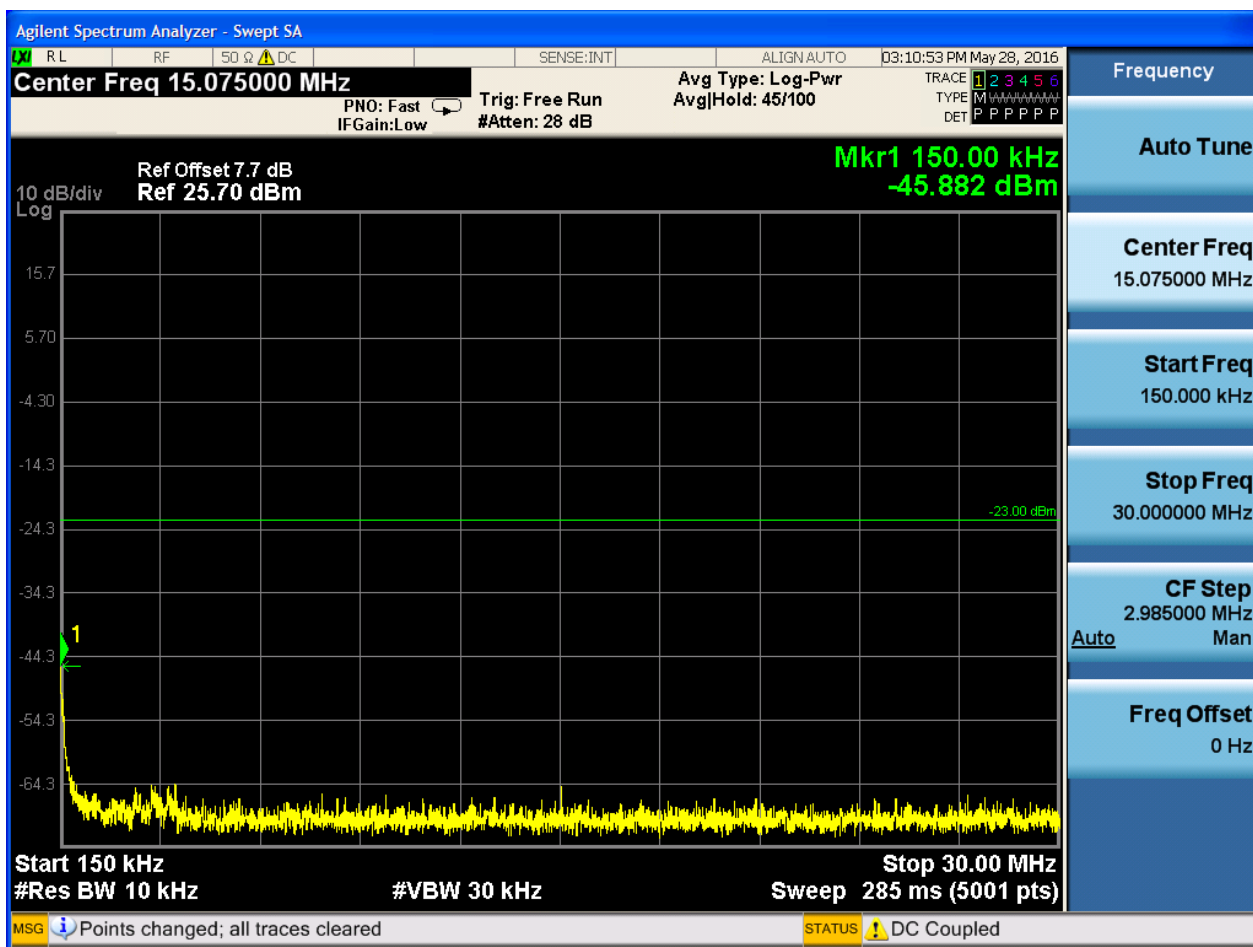


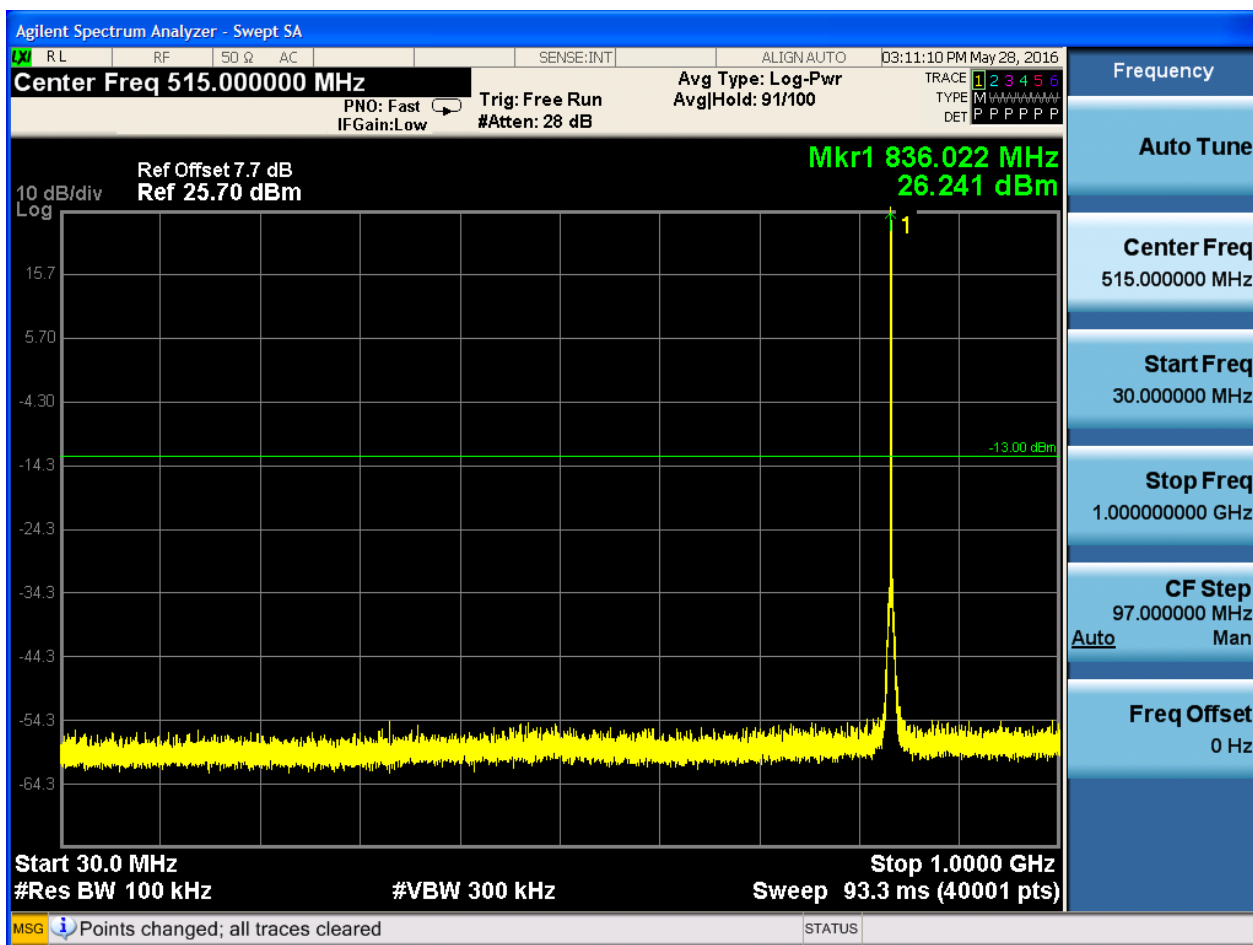


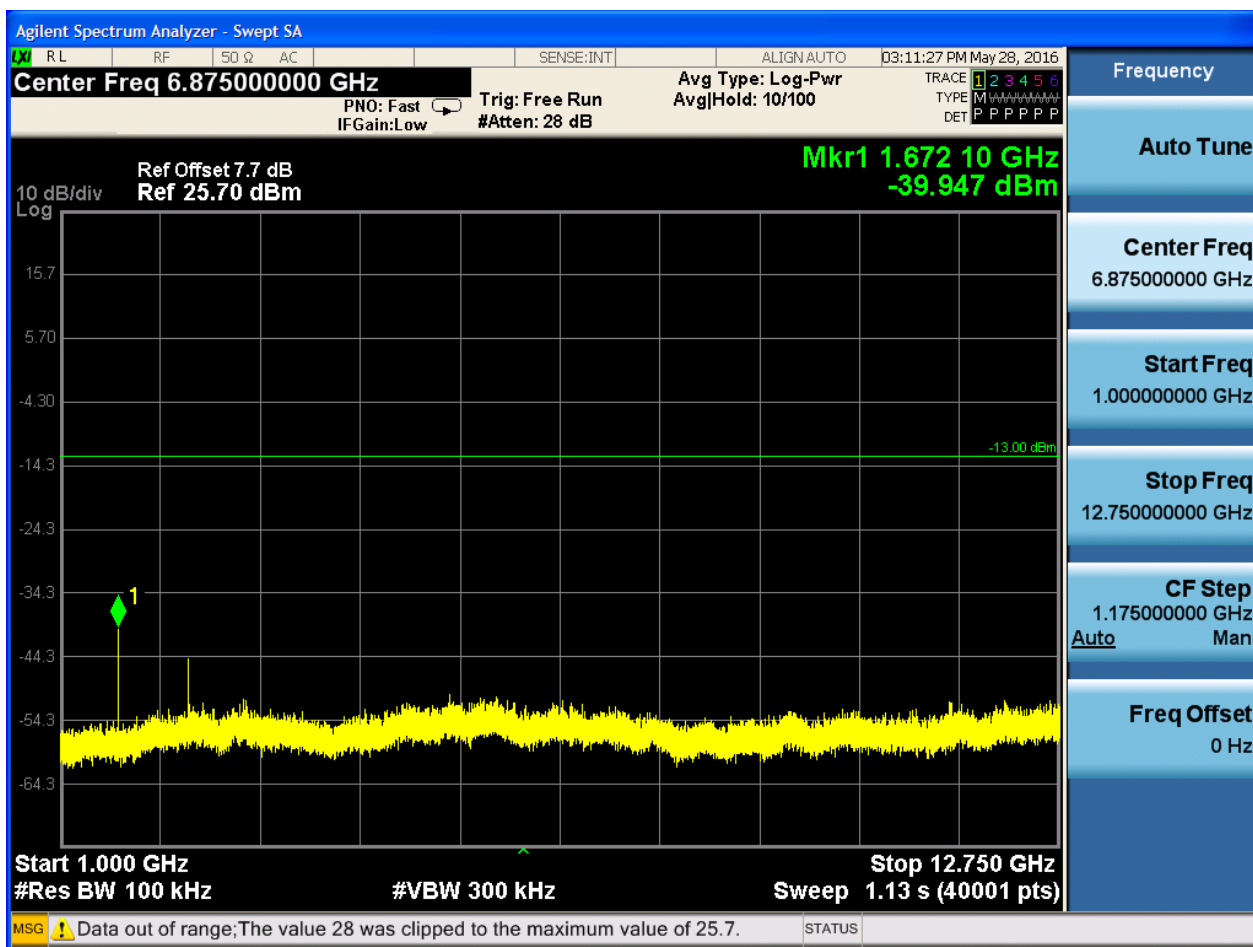
6.1.2.1.1.2 Test Channel = MCH

6.1.2.1.1.2.1 Test RB = RB1#0









6.1.2.1.1.3 Test Channel = HCH

6.1.2.1.1.3.1 Test RB = RB1#0

