



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	21.43	16.38	38.5	PASS
				RB1#3	21.59	16.54	38.5	PASS
				RB1#5	21.49	16.44	38.5	PASS
				RB3#0	21.48	16.43	38.5	PASS
				RB3#2	21.57	16.52	38.5	PASS
				RB3#3	21.55	16.5	38.5	PASS
			MCH	RB6#0	20.47	15.42	38.5	PASS
				RB1#0	21.6	16.55	38.5	PASS
				RB1#3	21.59	16.54	38.5	PASS
				RB1#5	21.43	16.38	38.5	PASS
				RB3#0	21.57	16.52	38.5	PASS
				RB3#2	21.54	16.49	38.5	PASS
				RB3#3	21.48	16.43	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.53	15.48	38.5	PASS
			HCH	RB1#0	21.67	16.62	38.5	PASS
				RB1#3	21.59	16.54	38.5	PASS
				RB1#5	21.3	16.25	38.5	PASS
				RB3#0	21.54	16.49	38.5	PASS
				RB3#2	21.44	16.39	38.5	PASS
				RB3#3	21.37	16.32	38.5	PASS
				RB6#0	20.6	15.55	38.5	PASS
		3	LCH	RB1#0	21.19	16.14	38.5	PASS
				RB1#7	21.75	16.7	38.5	PASS
				RB1#14	21.48	16.43	38.5	PASS
				RB8#0	20.43	15.38	38.5	PASS
				RB8#4	20.65	15.6	38.5	PASS
				RB8#7	20.66	15.61	38.5	PASS
				RB15#0	20.54	15.49	38.5	PASS
			MCH	RB1#0	21.33	16.28	38.5	PASS
				RB1#7	21.58	16.53	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.24	16.19	38.5	PASS
				RB8#0	20.45	15.4	38.5	PASS
				RB8#4	20.51	15.46	38.5	PASS
				RB8#7	20.46	15.41	38.5	PASS
				RB15#0	20.44	15.39	38.5	PASS
			HCH	RB1#0	21.55	16.5	38.5	PASS
				RB1#7	21.76	16.71	38.5	PASS
				RB1#14	21.03	15.98	38.5	PASS
				RB8#0	20.62	15.57	38.5	PASS
				RB8#4	20.68	15.63	38.5	PASS
				RB8#7	20.41	15.36	38.5	PASS
				RB15#0	20.61	15.56	38.5	PASS
		5	LCH	RB1#0	21.67	16.62	38.5	PASS
				RB1#13	21.95	16.9	38.5	PASS
				RB1#24	21.99	16.94	38.5	PASS
				RB12#0	20.63	15.58	38.5	PASS
				RB12#6	20.91	15.86	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	20.77	15.72	38.5	PASS
				RB25#0	20.69	15.64	38.5	PASS
			MCH	RB1#0	21.81	16.76	38.5	PASS
				RB1#13	21.63	16.58	38.5	PASS
				RB1#24	21.59	16.54	38.5	PASS
				RB12#0	20.65	15.6	38.5	PASS
				RB12#6	20.64	15.59	38.5	PASS
				RB12#13	20.49	15.44	38.5	PASS
				RB25#0	20.59	15.54	38.5	PASS
			HCH	RB1#0	21.97	16.92	38.5	PASS
				RB1#13	21.75	16.7	38.5	PASS
				RB1#24	21.28	16.23	38.5	PASS
				RB12#0	20.87	15.82	38.5	PASS
				RB12#6	20.89	15.84	38.5	PASS
				RB12#13	20.55	15.5	38.5	PASS
				RB25#0	20.8	15.75	38.5	PASS
		10	LCH	RB1#0	21.71	16.66	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.36	17.31	38.5	PASS
				RB1#49	21.8	16.75	38.5	PASS
				RB25#0	20.95	15.9	38.5	PASS
				RB25#13	21.18	16.13	38.5	PASS
				RB25#25	20.88	15.83	38.5	PASS
				RB50#0	20.95	15.9	38.5	PASS
			MCH	RB1#0	22.05	17	38.5	PASS
				RB1#25	22.01	16.96	38.5	PASS
				RB1#49	21.88	16.83	38.5	PASS
				RB25#0	20.86	15.81	38.5	PASS
				RB25#13	20.9	15.85	38.5	PASS
				RB25#25	20.66	15.61	38.5	PASS
				RB50#0	20.79	15.74	38.5	PASS
			HCH	RB1#0	21.94	16.89	38.5	PASS
				RB1#25	22.29	17.24	38.5	PASS
				RB1#49	21.54	16.49	38.5	PASS
				RB25#0	21.01	15.96	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.19	16.14	38.5	PASS
				RB25#25	20.99	15.94	38.5	PASS
				RB50#0	21.06	16.01	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	20.44	15.39	38.5	PASS
				RB1#3	20.74	15.69	38.5	PASS
				RB1#5	20.56	15.51	38.5	PASS
				RB3#0	20.54	15.49	38.5	PASS
				RB3#2	20.54	15.49	38.5	PASS
				RB3#3	20.53	15.48	38.5	PASS
				RB6#0	20.46	15.41	38.5	PASS
			MCH	RB1#0	20.8	15.75	38.5	PASS
				RB1#3	20.8	15.75	38.5	PASS
				RB1#5	20.55	15.5	38.5	PASS
				RB3#0	20.66	15.61	38.5	PASS
				RB3#2	20.63	15.58	38.5	PASS
				RB3#3	20.57	15.52	38.5	PASS
				RB6#0	20.5	15.45	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	20.79	15.74	38.5	PASS
				RB1#3	20.73	15.68	38.5	PASS
				RB1#5	20.52	15.47	38.5	PASS
				RB3#0	20.65	15.6	38.5	PASS
				RB3#2	20.59	15.54	38.5	PASS
				RB3#3	20.57	15.52	38.5	PASS
				RB6#0	20.5	15.45	38.5	PASS
		3	LCH	RB1#0	20.12	15.07	38.5	PASS
				RB1#7	20.74	15.69	38.5	PASS
				RB1#14	20.41	15.36	38.5	PASS
				RB8#0	20.48	15.43	38.5	PASS
				RB8#4	20.69	15.64	38.5	PASS
				RB8#7	20.64	15.59	38.5	PASS
				RB15#0	20.46	15.41	38.5	PASS
			MCH	RB1#0	20.03	14.98	38.5	PASS
				RB1#7	20.75	15.7	38.5	PASS
				RB1#14	19.96	14.91	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.42	15.37	38.5	PASS
				RB8#4	20.48	15.43	38.5	PASS
				RB8#7	20.44	15.39	38.5	PASS
				RB15#0	20.39	15.34	38.5	PASS
			HCH	RB1#0	20.48	15.43	38.5	PASS
				RB1#7	20.98	15.93	38.5	PASS
				RB1#14	20.09	15.04	38.5	PASS
				RB8#0	20.61	15.56	38.5	PASS
				RB8#4	20.68	15.63	38.5	PASS
				RB8#7	20.4	15.35	38.5	PASS
				RB15#0	20.54	15.49	38.5	PASS
		5	LCH	RB1#0	20.83	15.78	38.5	PASS
				RB1#13	21.16	16.11	38.5	PASS
				RB1#24	21.16	16.11	38.5	PASS
				RB12#0	20.62	15.57	38.5	PASS
				RB12#6	20.89	15.84	38.5	PASS
				RB12#13	20.74	15.69	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.64	15.59	38.5	PASS
			MCH	RB1#0	20.79	15.74	38.5	PASS
				RB1#13	20.61	15.56	38.5	PASS
				RB1#24	20.64	15.59	38.5	PASS
				RB12#0	20.55	15.5	38.5	PASS
				RB12#6	20.61	15.56	38.5	PASS
				RB12#13	20.47	15.42	38.5	PASS
				RB25#0	20.55	15.5	38.5	PASS
			HCH	RB1#0	21.2	16.15	38.5	PASS
				RB1#13	21	15.95	38.5	PASS
				RB1#24	20.7	15.65	38.5	PASS
				RB12#0	20.83	15.78	38.5	PASS
				RB12#6	20.85	15.8	38.5	PASS
				RB12#13	20.52	15.47	38.5	PASS
				RB25#0	20.75	15.7	38.5	PASS
		10	LCH	RB1#0	20.93	15.88	38.5	PASS
				RB1#25	21.49	16.44	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.01	15.96	38.5	PASS
				RB25#0	20.9	15.85	38.5	PASS
				RB25#13	21.11	16.06	38.5	PASS
				RB25#25	20.82	15.77	38.5	PASS
				RB50#0	20.91	15.86	38.5	PASS
			MCH	RB1#0	21.16	16.11	38.5	PASS
				RB1#25	21.03	15.98	38.5	PASS
				RB1#49	21.04	15.99	38.5	PASS
				RB25#0	20.78	15.73	38.5	PASS
				RB25#13	20.89	15.84	38.5	PASS
				RB25#25	20.64	15.59	38.5	PASS
				RB50#0	20.75	15.7	38.5	PASS
			HCH	RB1#0	21	15.95	38.5	PASS
				RB1#25	21.3	16.25	38.5	PASS
				RB1#49	20.75	15.7	38.5	PASS
				RB25#0	20.94	15.89	38.5	PASS
				RB25#13	21.06	16.01	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.88	15.83	38.5	PASS
				RB50#0	20.94	15.89	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:

SET Span=1.5*OBW

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

SET VBW>= 3*RBW

SET Sweep time=auto-couple.

Detector:RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	4.82	13	PASS
				RB1#3	5.05	13	PASS
				RB1#5	4.76	13	PASS
				RB3#0	5.29	13	PASS
				RB3#2	5.25	13	PASS
				RB3#3	5.24	13	PASS
				RB6#0	5.72	13	PASS
			MCH	RB1#0	4.83	13	PASS
				RB1#3	4.83	13	PASS
				RB1#5	5.09	13	PASS
				RB3#0	5.38	13	PASS
				RB3#2	5.13	13	PASS
				RB3#3	5.44	13	PASS
				RB6#0	5.74	13	PASS
			HCH	RB1#0	4.47	13	PASS
				RB1#3	4.61	13	PASS
				RB1#5	4.7	13	PASS
				RB3#0	5.12	13	PASS
				RB3#2	5.39	13	PASS
				RB3#3	5.38	13	PASS
				RB6#0	5.87	13	PASS
		3	LCH	RB1#0	5.01	13	PASS
				RB1#7	4.71	13	PASS
				RB1#14	4.51	13	PASS
				RB8#0	5.53	13	PASS
				RB8#4	5.63	13	PASS
				RB8#7	5.49	13	PASS
				RB15#0	5.58	13	PASS
			MCH	RB1#0	4.47	13	PASS
				RB1#7	4.26	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.35	13	PASS
				RB8#0	5.75	13	PASS
				RB8#4	5.73	13	PASS
				RB8#7	5.54	13	PASS
				RB15#0	5.68	13	PASS
			HCH	RB1#0	4.58	13	PASS
				RB1#7	4.28	13	PASS
				RB1#14	5.18	13	PASS
				RB8#0	5.38	13	PASS
				RB8#4	5.33	13	PASS
				RB8#7	5.5	13	PASS
				RB15#0	5.49	13	PASS
		5	LCH	RB1#0	4.88	13	PASS
				RB1#13	4.67	13	PASS
				RB1#24	4.37	13	PASS
				RB12#0	5.72	13	PASS
				RB12#6	5.54	13	PASS
				RB12#13	5.58	13	PASS
				RB25#0	6.01	13	PASS
			MCH	RB1#0	4.6	13	PASS
				RB1#13	4.86	13	PASS
				RB1#24	4.92	13	PASS
				RB12#0	5.78	13	PASS
				RB12#6	5.81	13	PASS
				RB12#13	5.87	13	PASS
				RB25#0	5.98	13	PASS
			HCH	RB1#0	4.36	13	PASS
				RB1#13	4.4	13	PASS
				RB1#24	4.93	13	PASS
				RB12#0	5.33	13	PASS
				RB12#6	5.26	13	PASS
				RB12#13	5.48	13	PASS
				RB25#0	5.55	13	PASS
		10	LCH	RB1#0	4.98	13	PASS
				RB1#25	4.14	13	PASS
				RB1#49	4.72	13	PASS
				RB25#0	5.56	13	PASS
				RB25#13	5.28	13	PASS
				RB25#25	5.47	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.88	13	PASS
			MCH	RB1#0	4.11	13	PASS
				RB1#25	4.42	13	PASS
				RB1#49	4.63	13	PASS
				RB25#0	5.67	13	PASS
				RB25#13	6.06	13	PASS
				RB25#25	6.19	13	PASS
				RB50#0	6.37	13	PASS
			HCH	RB1#0	5	13	PASS
				RB1#25	4.21	13	PASS
				RB1#49	4.82	13	PASS
				RB25#0	5.58	13	PASS
				RB25#13	5.24	13	PASS
				RB25#25	5.58	13	PASS
				RB50#0	5.83	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.78	13	PASS
				RB1#3	5.88	13	PASS
				RB1#5	5.71	13	PASS
				RB3#0	5.79	13	PASS
				RB3#2	6.05	13	PASS
				RB3#3	5.75	13	PASS
				RB6#0	6.26	13	PASS
			MCH	RB1#0	5.68	13	PASS
				RB1#3	5.55	13	PASS
				RB1#5	5.55	13	PASS
				RB3#0	6.08	13	PASS
				RB3#2	6.09	13	PASS
				RB3#3	6.19	13	PASS
				RB6#0	6.4	13	PASS
			HCH	RB1#0	5.1	13	PASS
				RB1#3	5.32	13	PASS
				RB1#5	5.53	13	PASS
				RB3#0	5.53	13	PASS
				RB3#2	5.95	13	PASS
				RB3#3	6.07	13	PASS
				RB6#0	6.2	13	PASS
		3	LCH	RB1#0	6.08	13	PASS
				RB1#7	5.8	13	PASS
				RB1#14	5.82	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.21	13	PASS
				RB8#4	6.1	13	PASS
				RB8#7	6.08	13	PASS
				RB15#0	6.61	13	PASS
			MCH	RB1#0	5.62	13	PASS
				RB1#7	5.98	13	PASS
				RB1#14	6.14	13	PASS
				RB8#0	6.16	13	PASS
				RB8#4	6.14	13	PASS
				RB8#7	6.19	13	PASS
				RB15#0	6.57	13	PASS
			HCH	RB1#0	5.32	13	PASS
				RB1#7	5.28	13	PASS
				RB1#14	5.95	13	PASS
				RB8#0	5.7	13	PASS
				RB8#4	5.6	13	PASS
				RB8#7	5.83	13	PASS
				RB15#0	5.83	13	PASS
		5	LCH	RB1#0	5.75	13	PASS
				RB1#13	5.61	13	PASS
				RB1#24	5.31	13	PASS
				RB12#0	6.13	13	PASS
				RB12#6	5.89	13	PASS
				RB12#13	5.96	13	PASS
				RB25#0	6.53	13	PASS
			MCH	RB1#0	5.42	13	PASS
				RB1#13	5.87	13	PASS
				RB1#24	6.02	13	PASS
				RB12#0	6.01	13	PASS
				RB12#6	6.1	13	PASS
				RB12#13	6.16	13	PASS
				RB25#0	6.67	13	PASS
			HCH	RB1#0	5.01	13	PASS
				RB1#13	5.17	13	PASS
				RB1#24	5.63	13	PASS
				RB12#0	5.6	13	PASS
				RB12#6	5.55	13	PASS
				RB12#13	5.85	13	PASS
				RB25#0	6.12	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.67	13	PASS
				RB1#25	4.89	13	PASS
				RB1#49	5.49	13	PASS
				RB25#0	5.89	13	PASS
				RB25#13	5.5	13	PASS
				RB25#25	5.76	13	PASS
				RB50#0	6.2	13	PASS
			MCH	RB1#0	5.14	13	PASS
				RB1#25	5.62	13	PASS
				RB1#49	5.53	13	PASS
				RB25#0	5.95	13	PASS
				RB25#13	6.37	13	PASS
				RB25#25	6.62	13	PASS
				RB50#0	6.68	13	PASS
			HCH	RB1#0	5.55	13	PASS
				RB1#25	4.84	13	PASS
				RB1#49	5.25	13	PASS
				RB25#0	5.85	13	PASS
				RB25#13	5.49	13	PASS
				RB25#25	5.84	13	PASS
				RB50#0	6.4	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

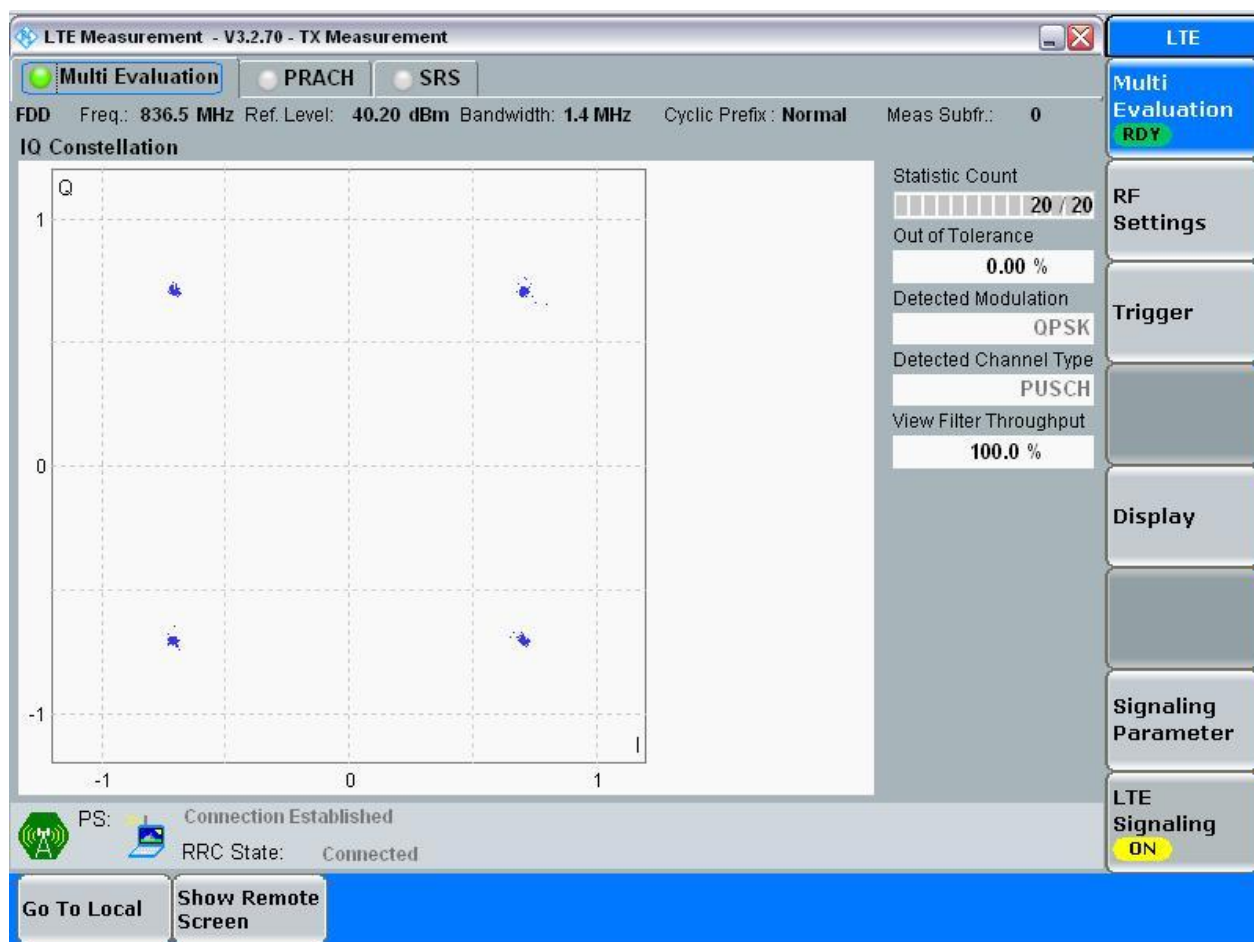
3.1.1 Test Band = BAND5

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

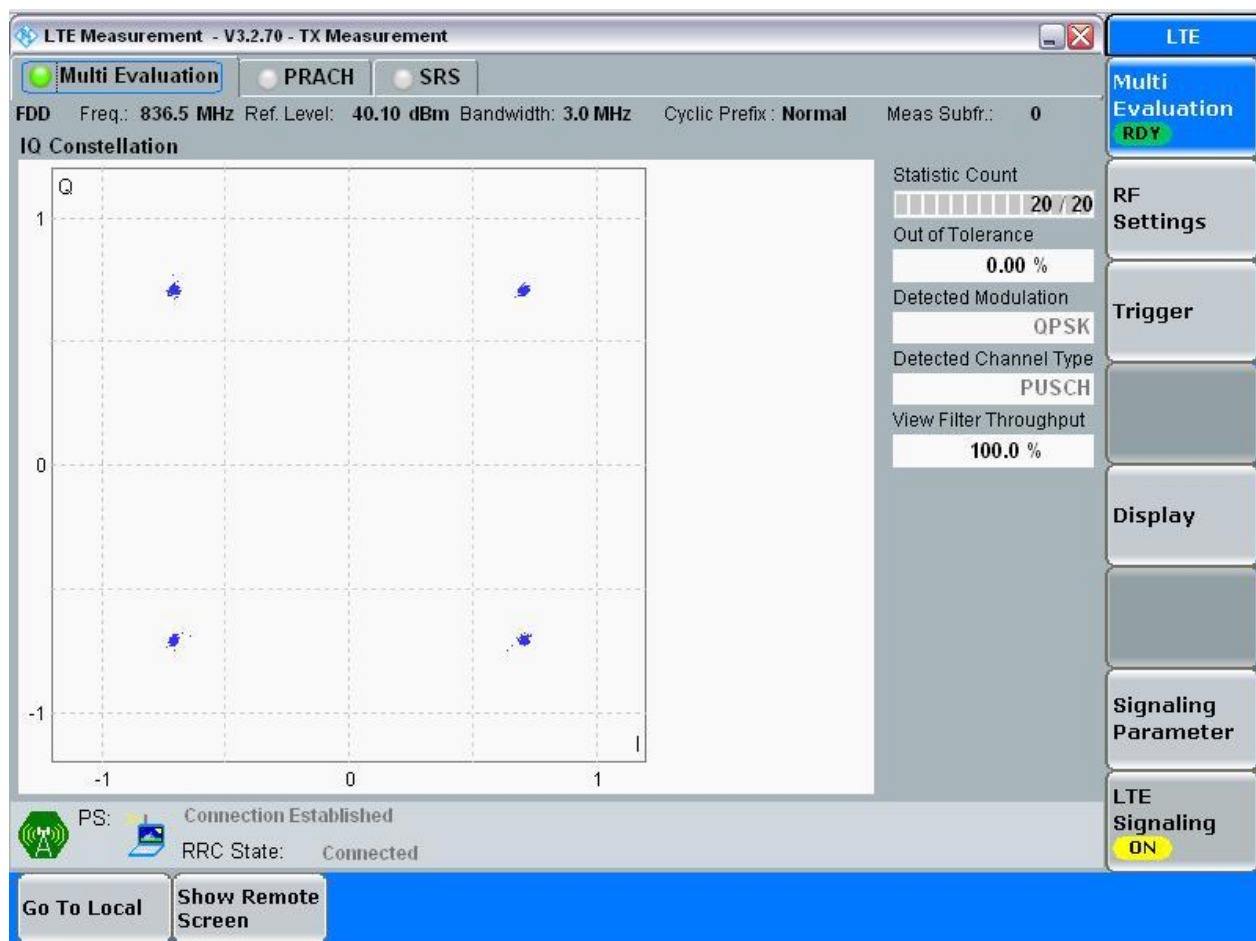
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

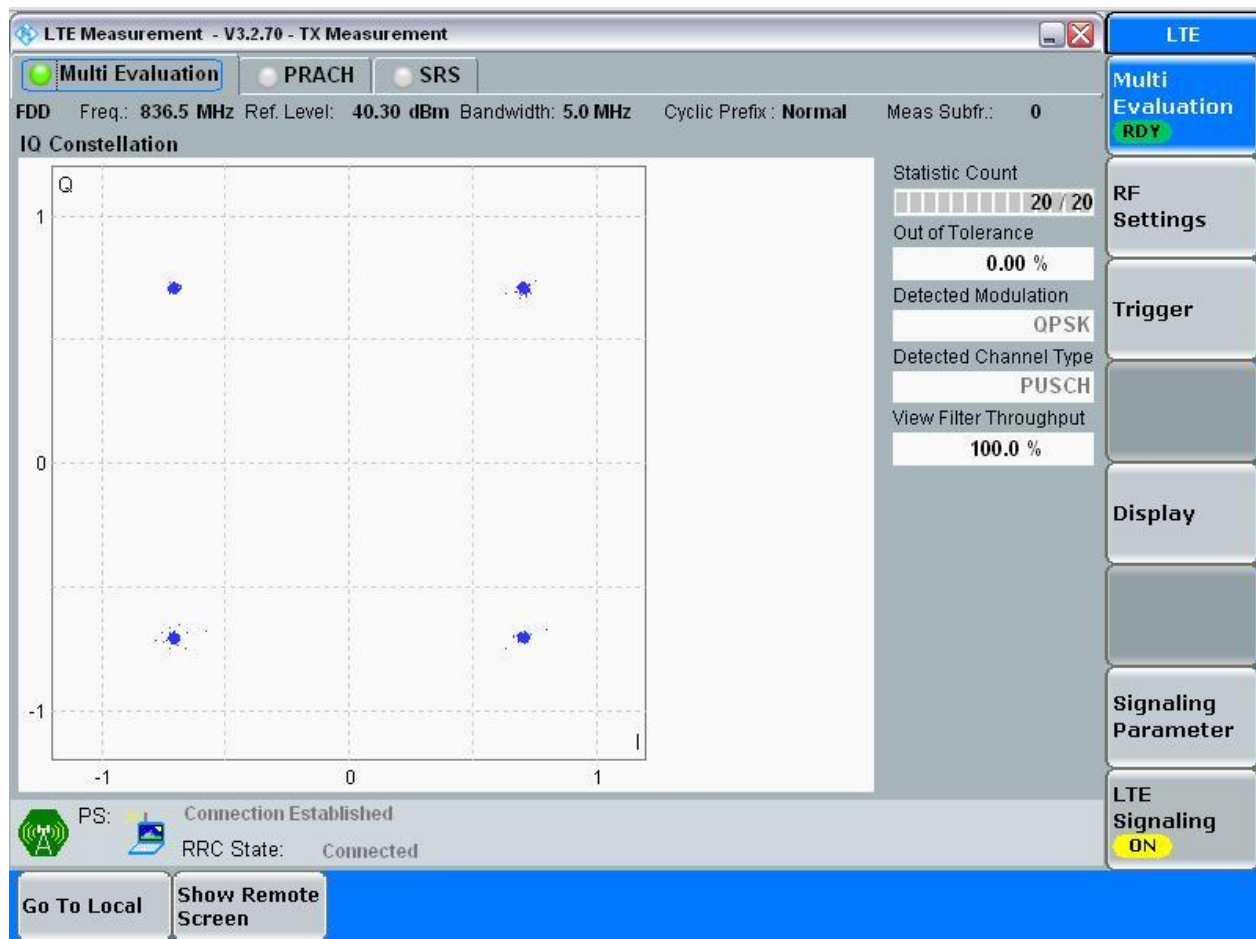
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

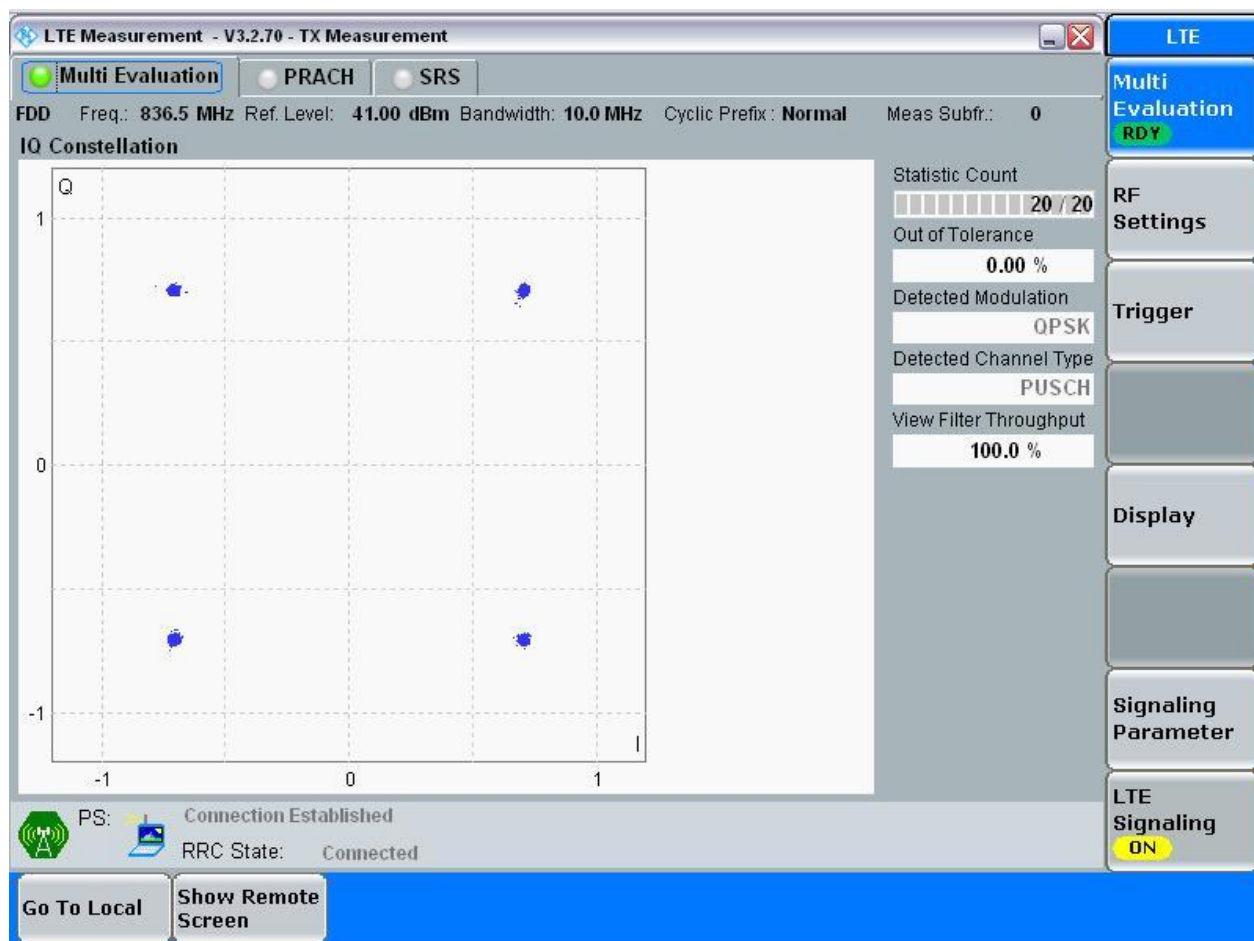
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0

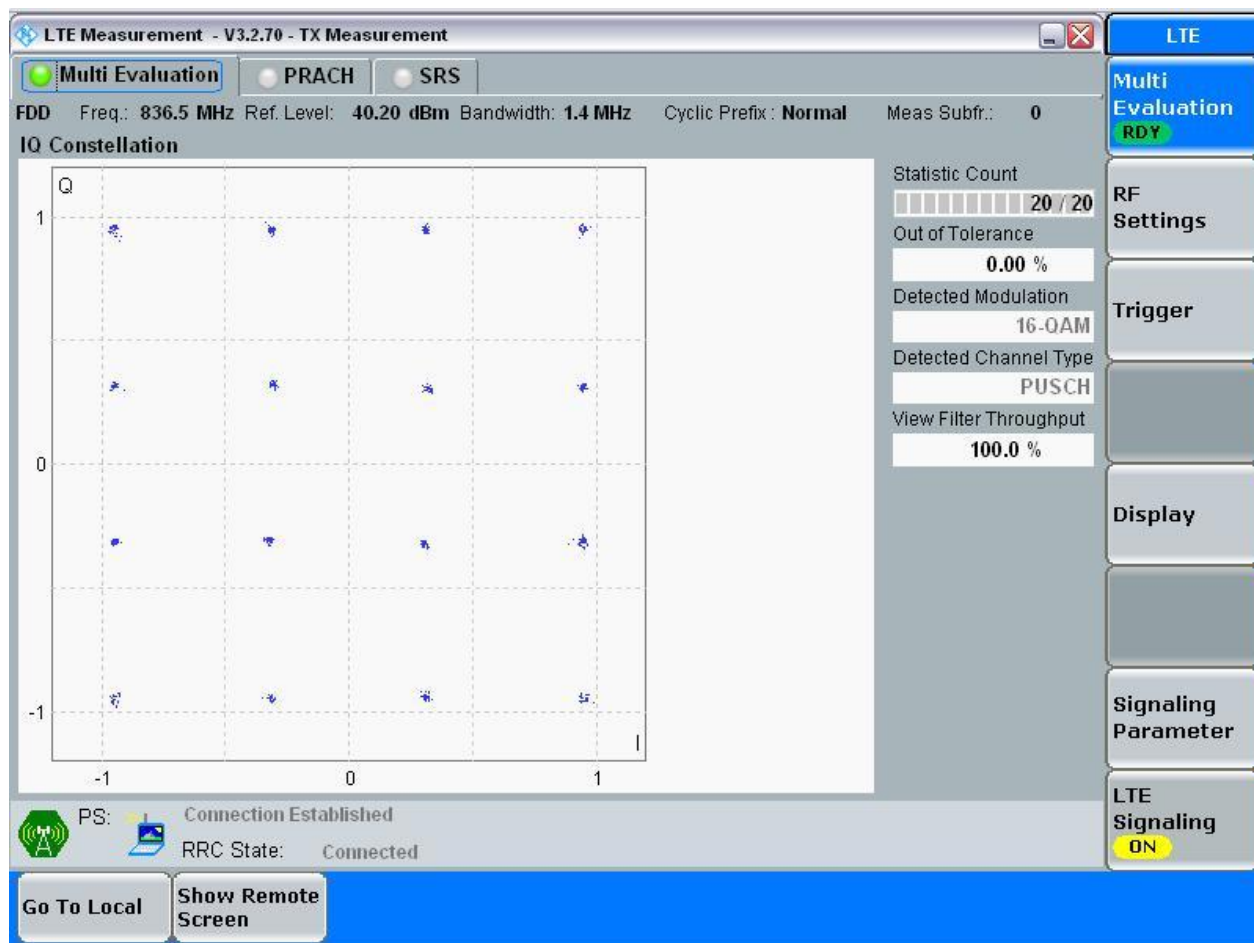


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

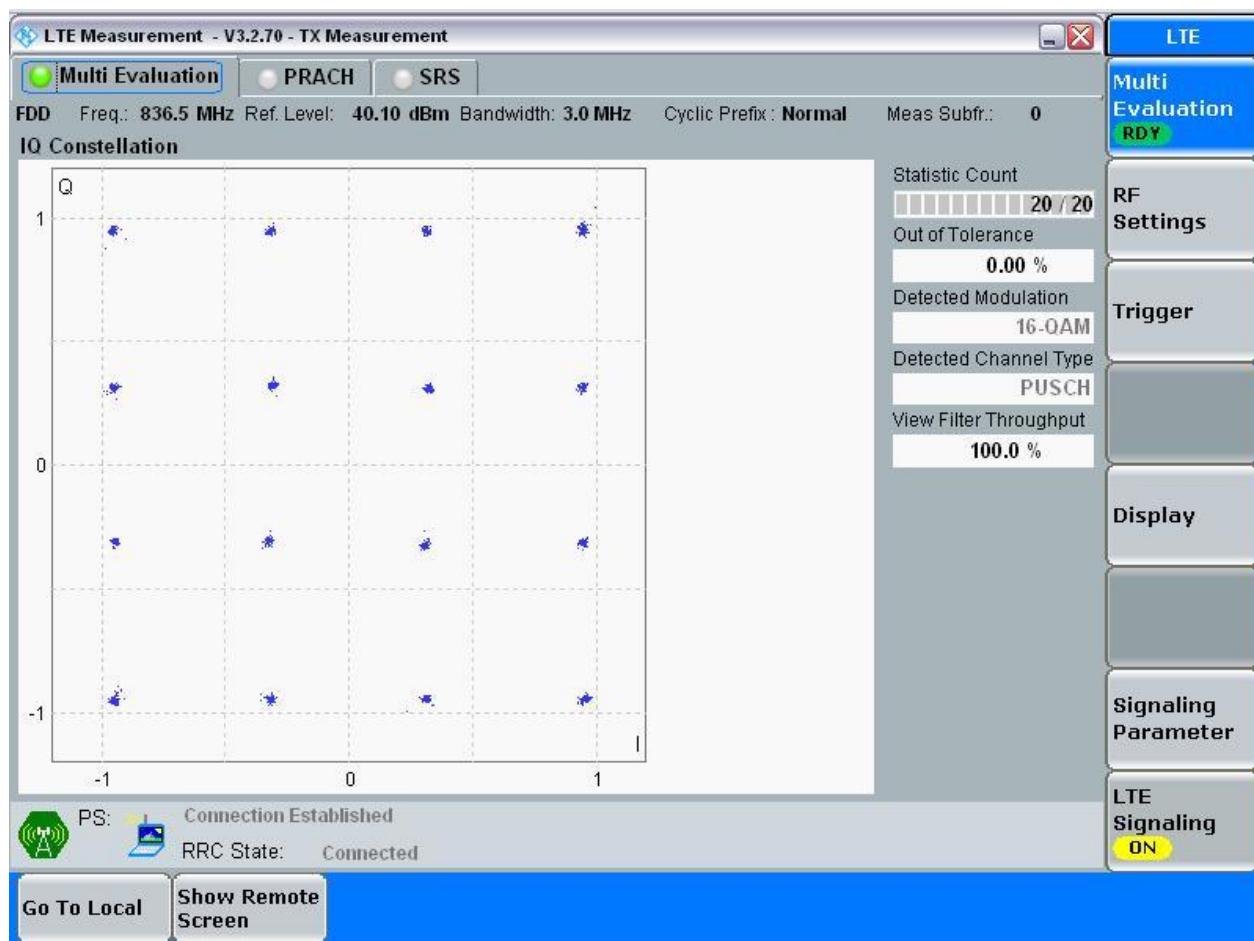
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

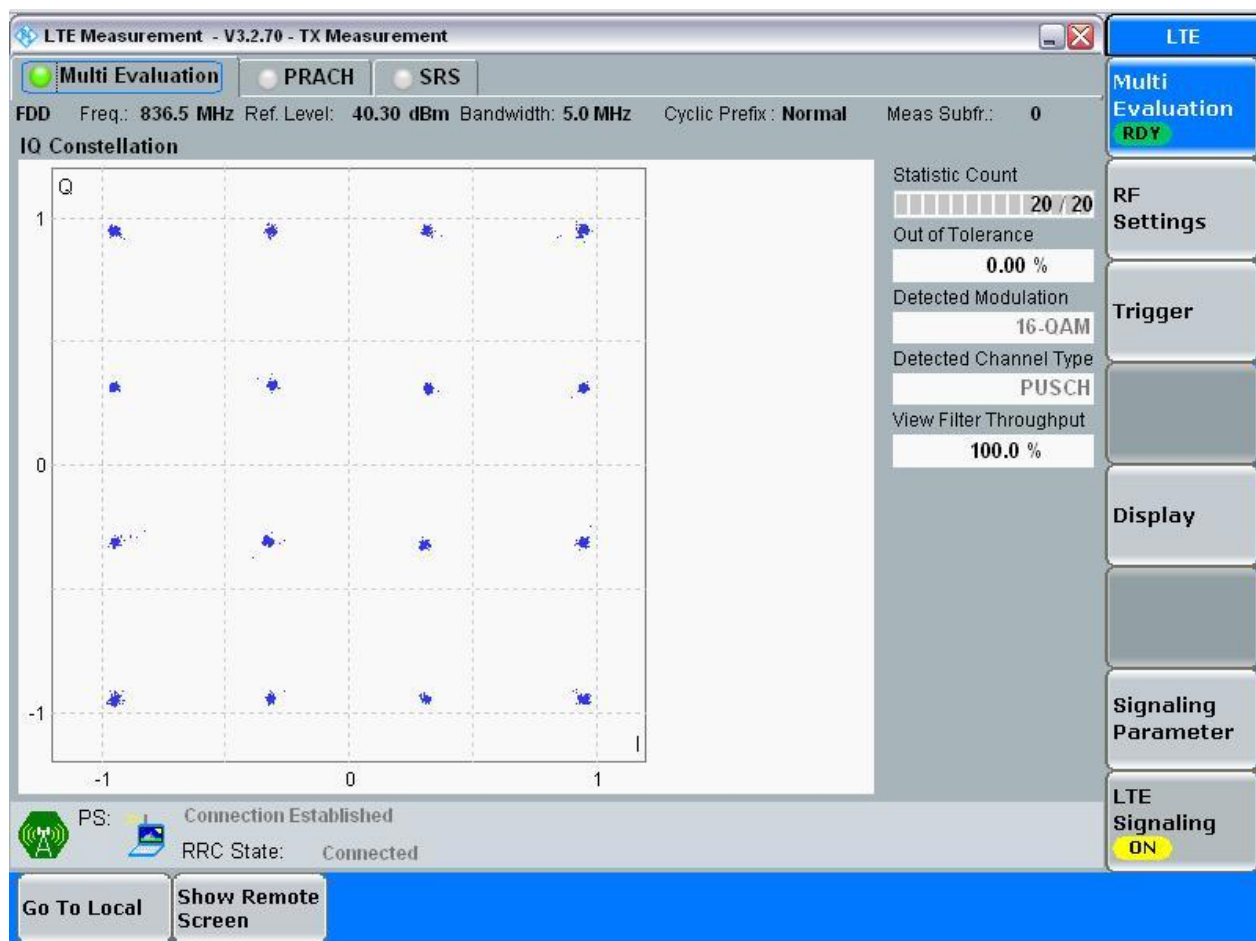
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

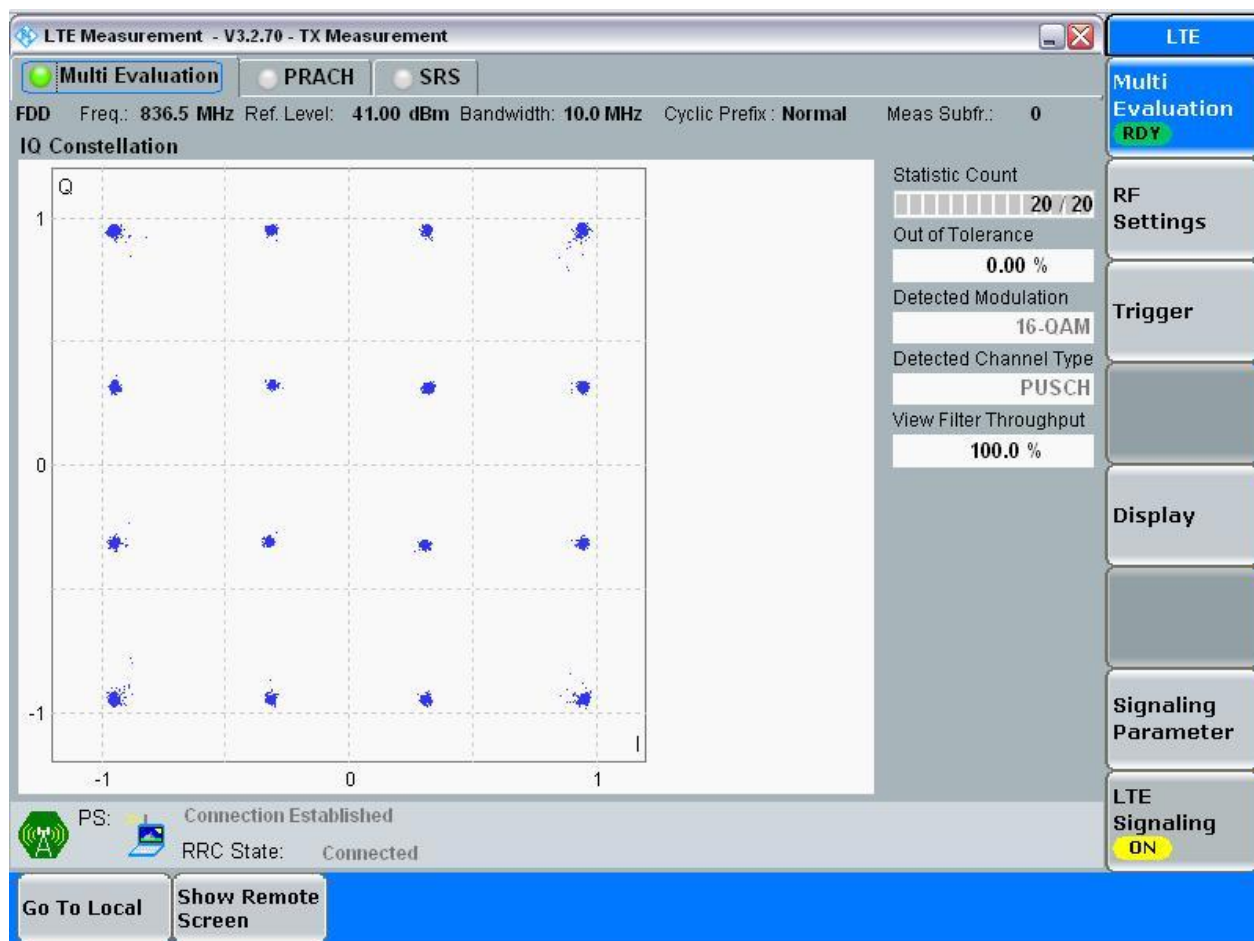
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.99	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.96	Pass
		5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	8.98	9.90	Pass
			MCH	RB50#0	9.01	9.92	Pass
			HCH	RB50#0	8.97	9.88	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.23	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.52	4.99	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	9.00	9.86	Pass
			MCH	RB50#0	9.02	9.94	Pass
			HCH	RB50#0	8.97	9.89	Pass



Part II - Test Plots

4.1 For LTE

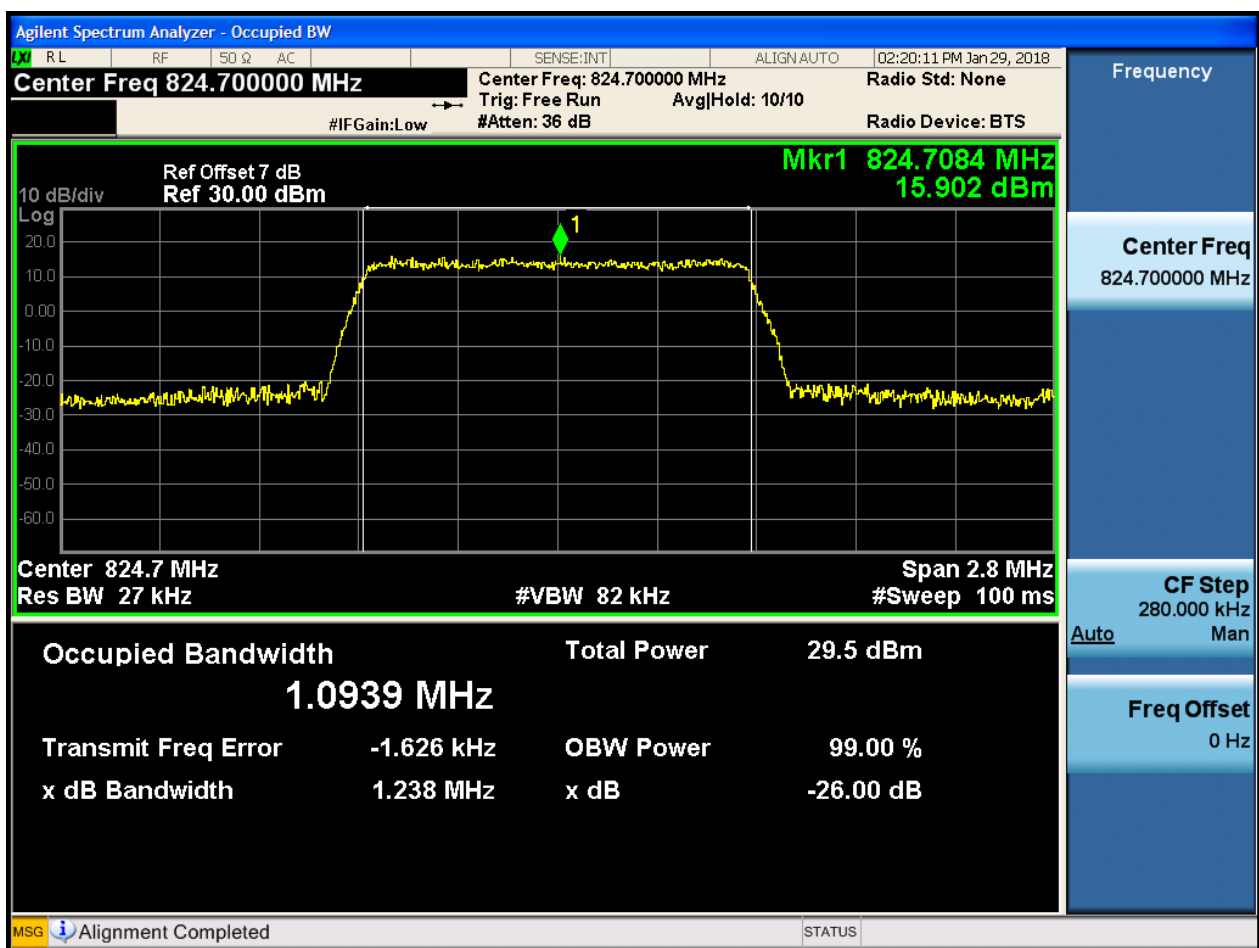
4.1.1 Test Band = BAND5

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

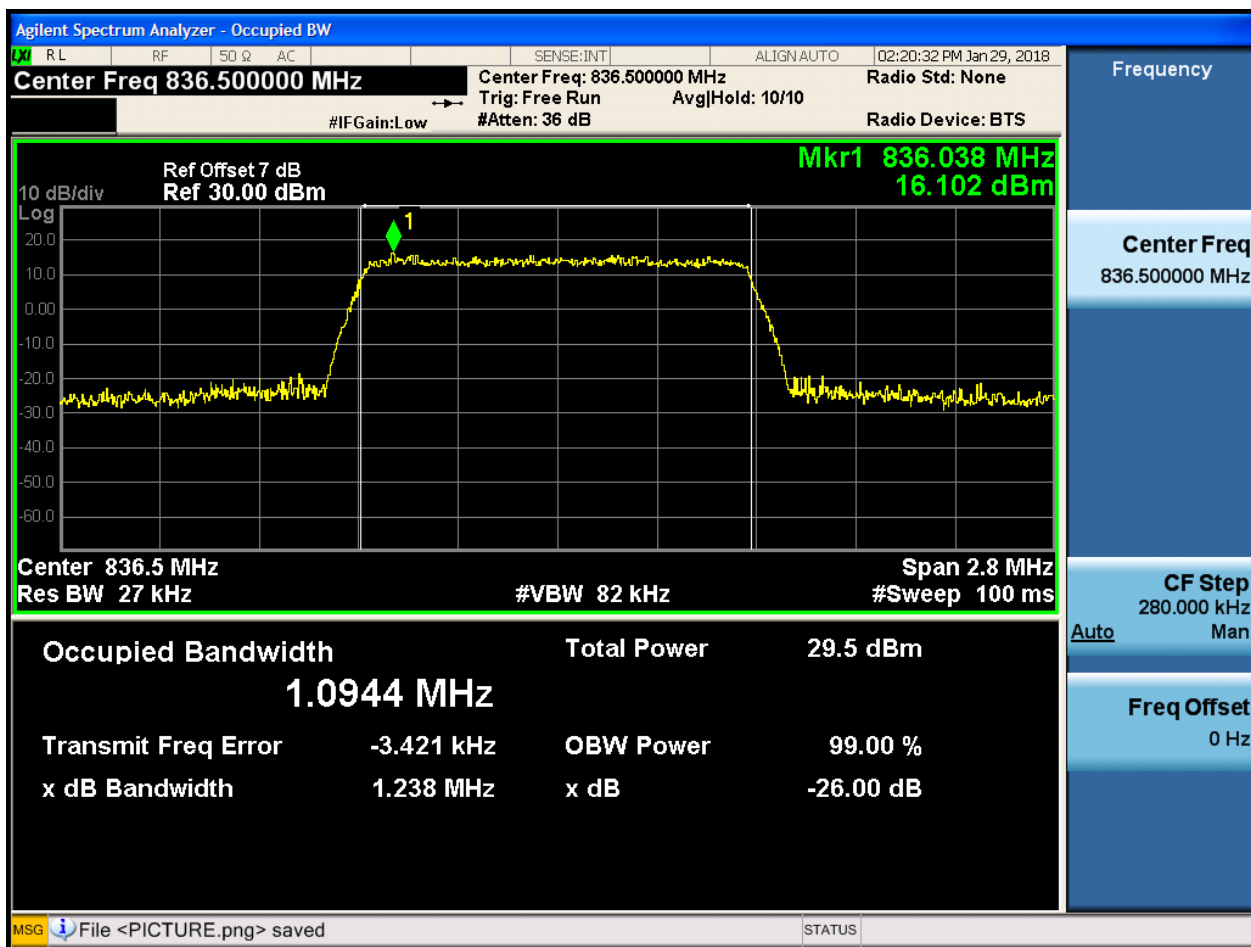
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

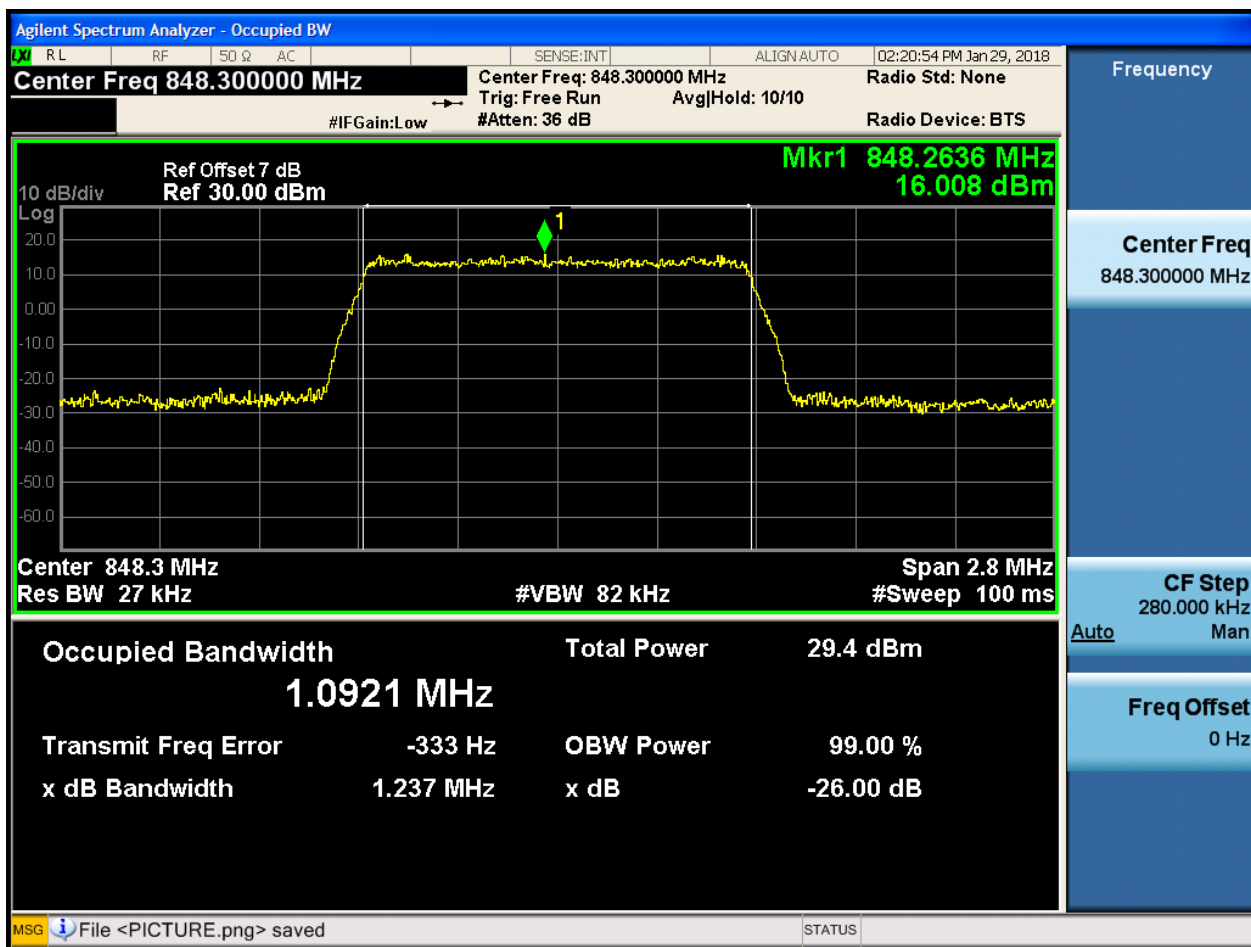
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

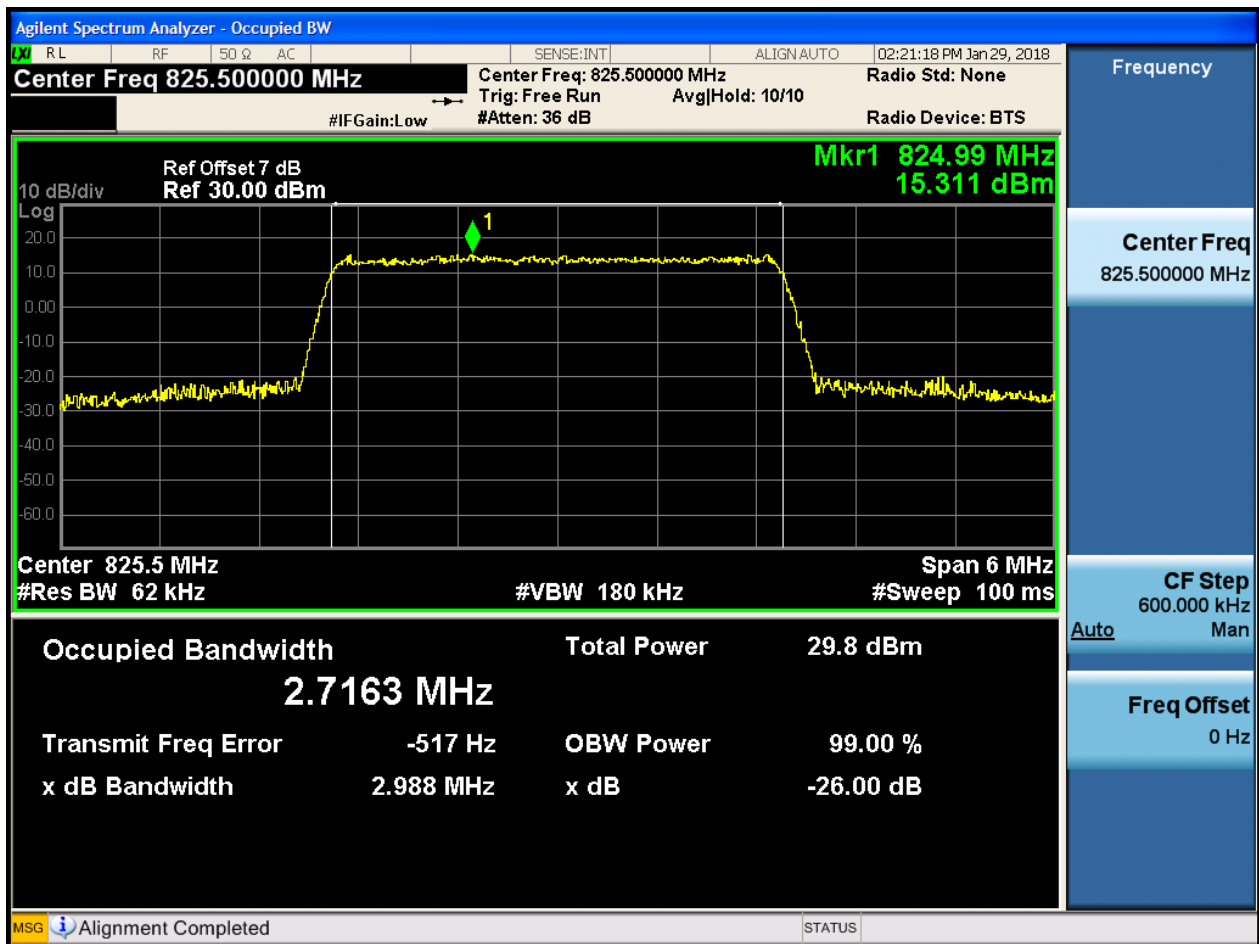




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

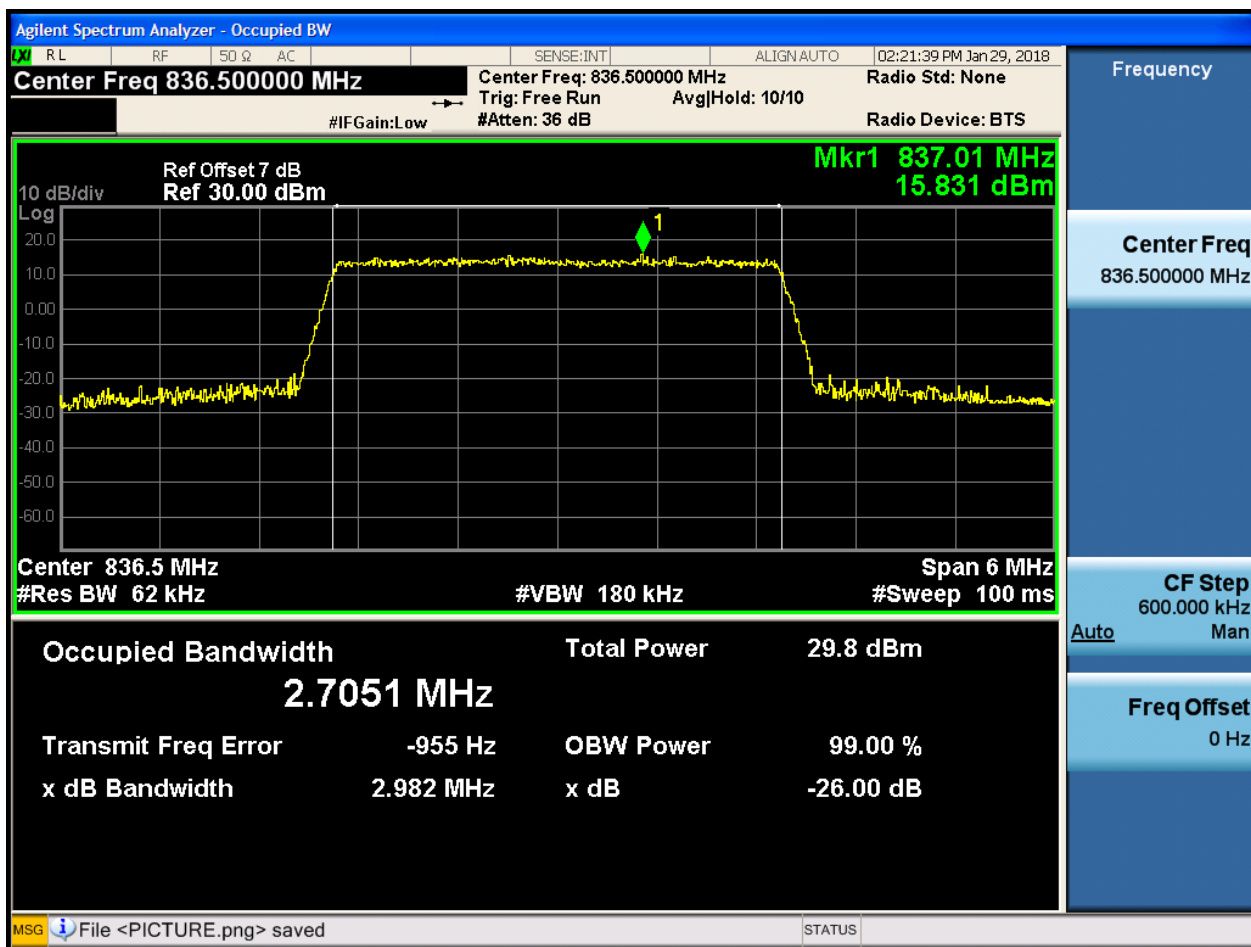
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

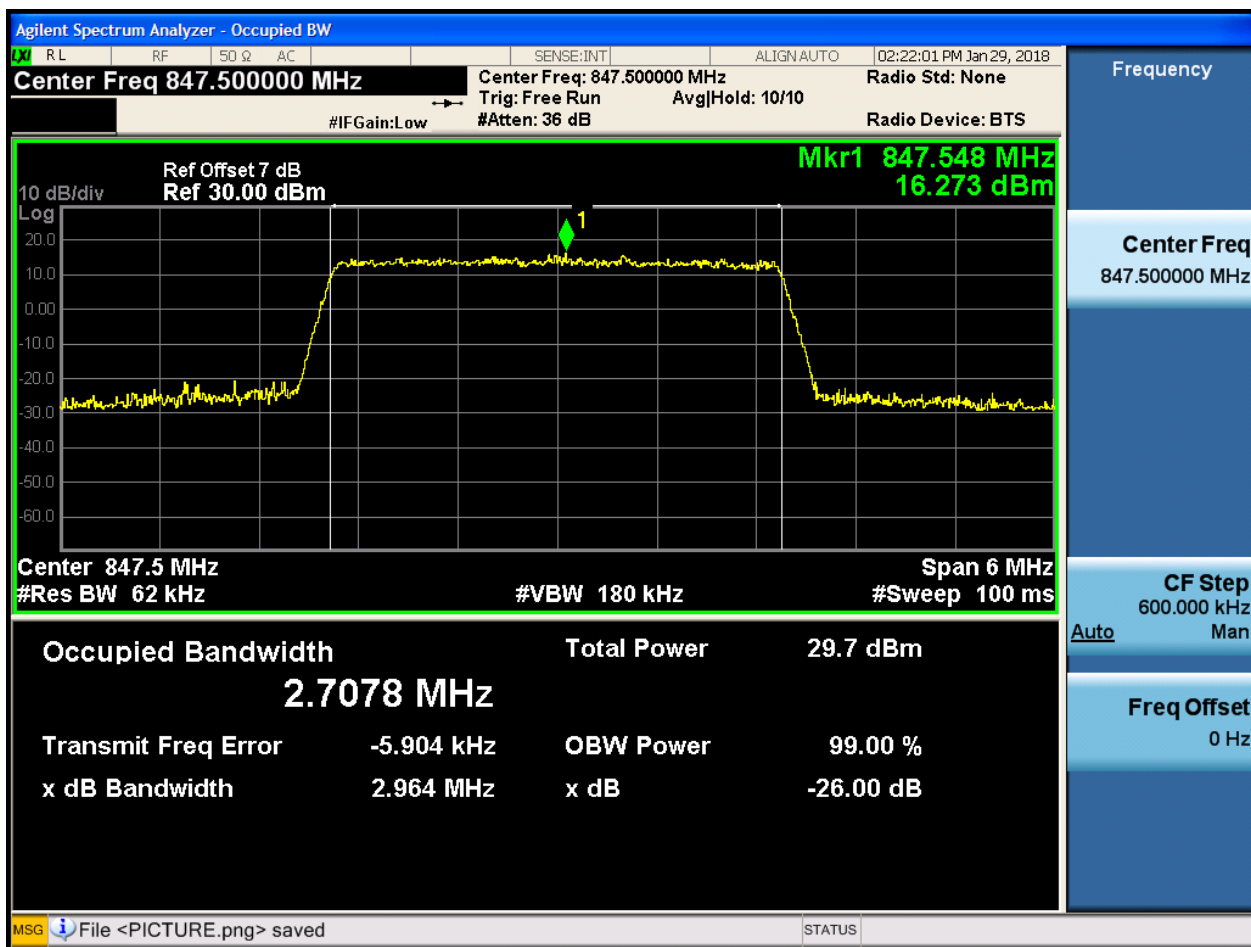
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

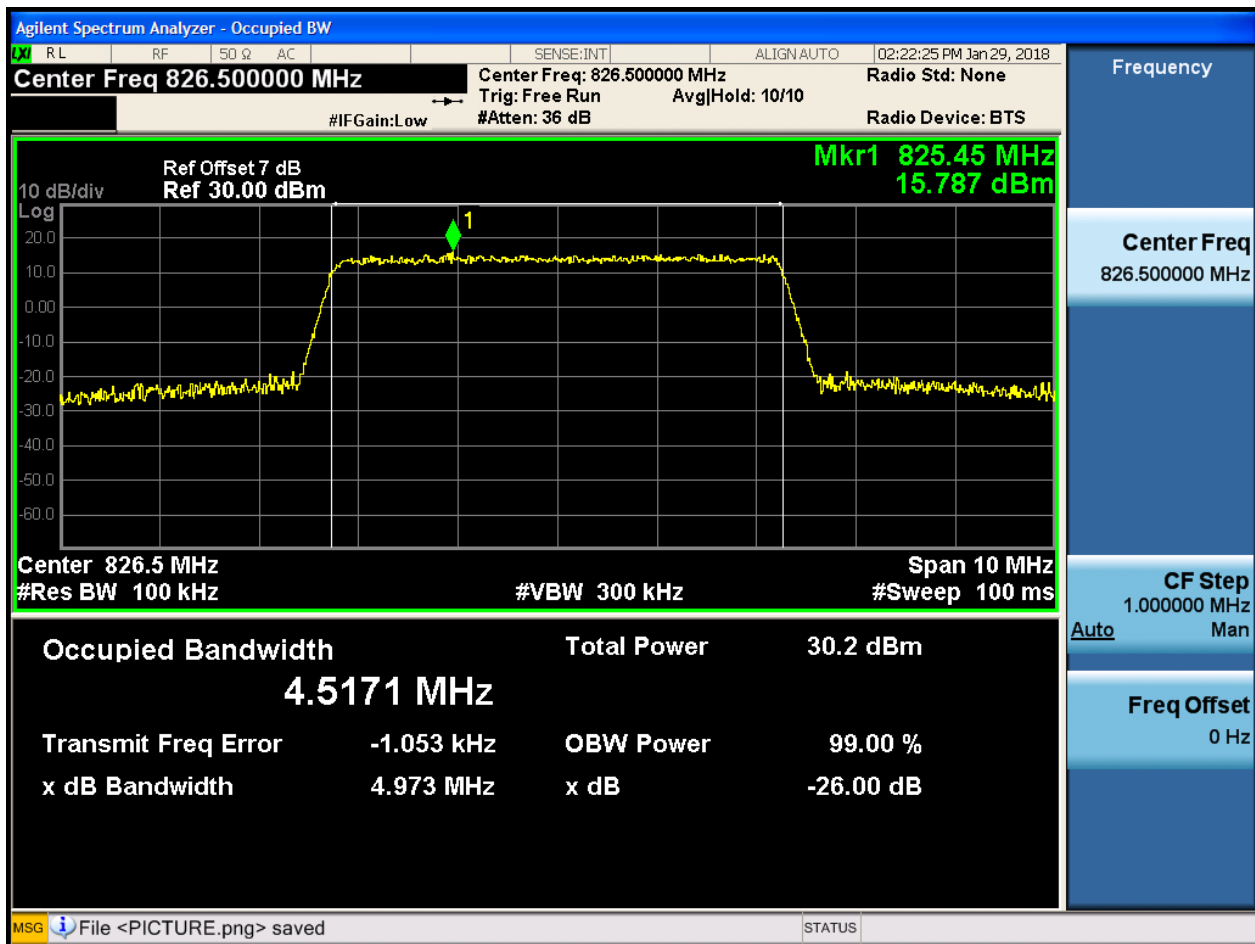




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

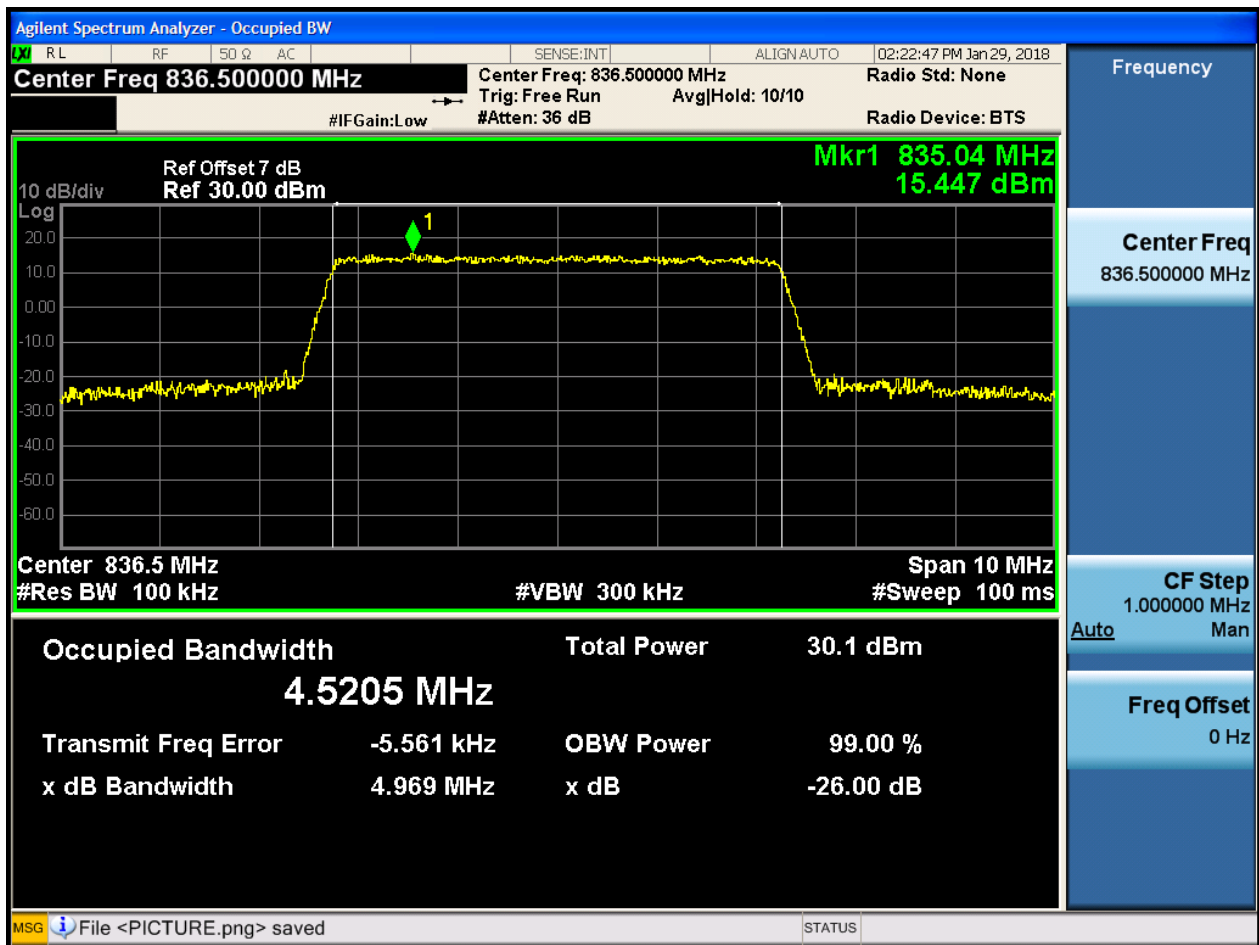
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

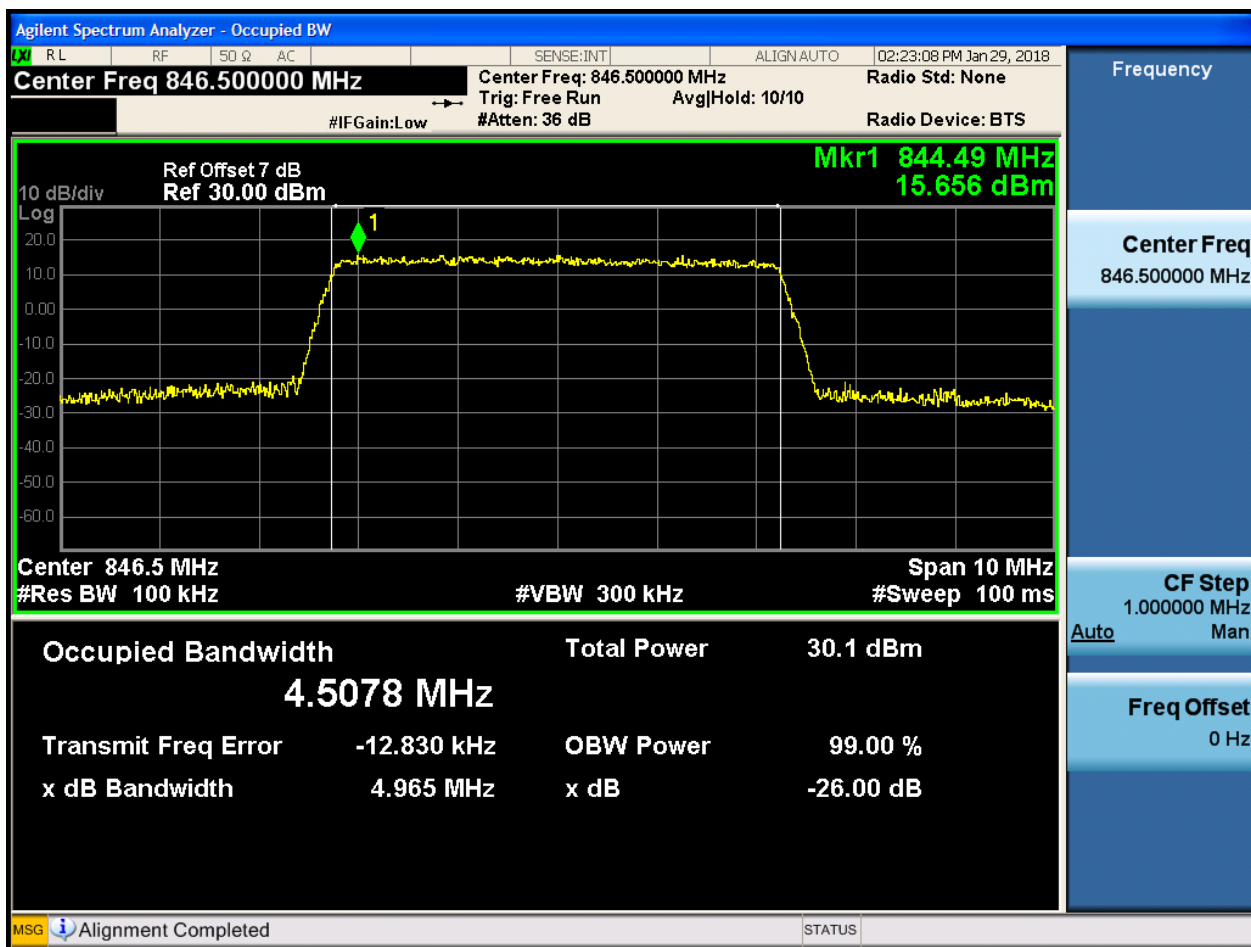
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

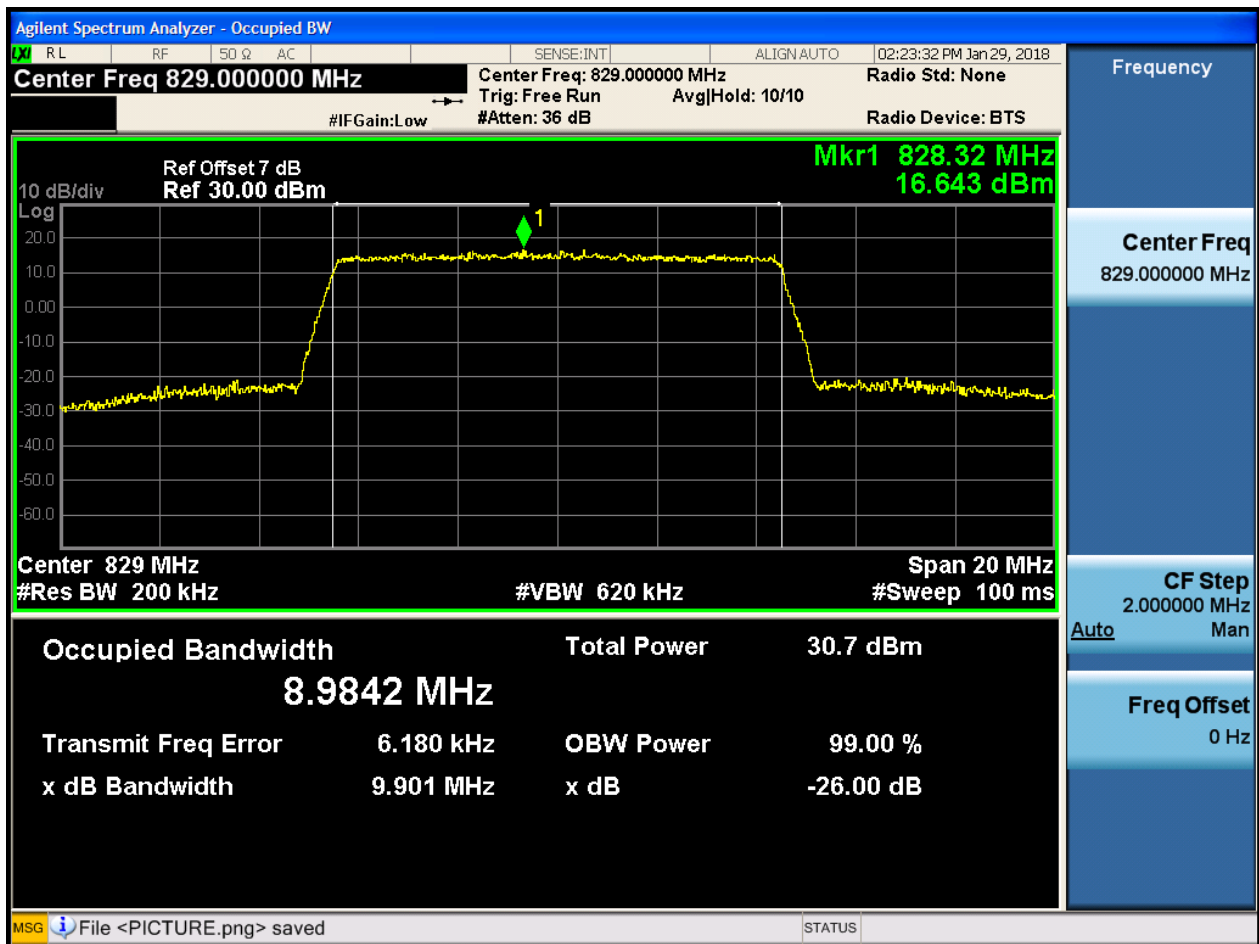




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

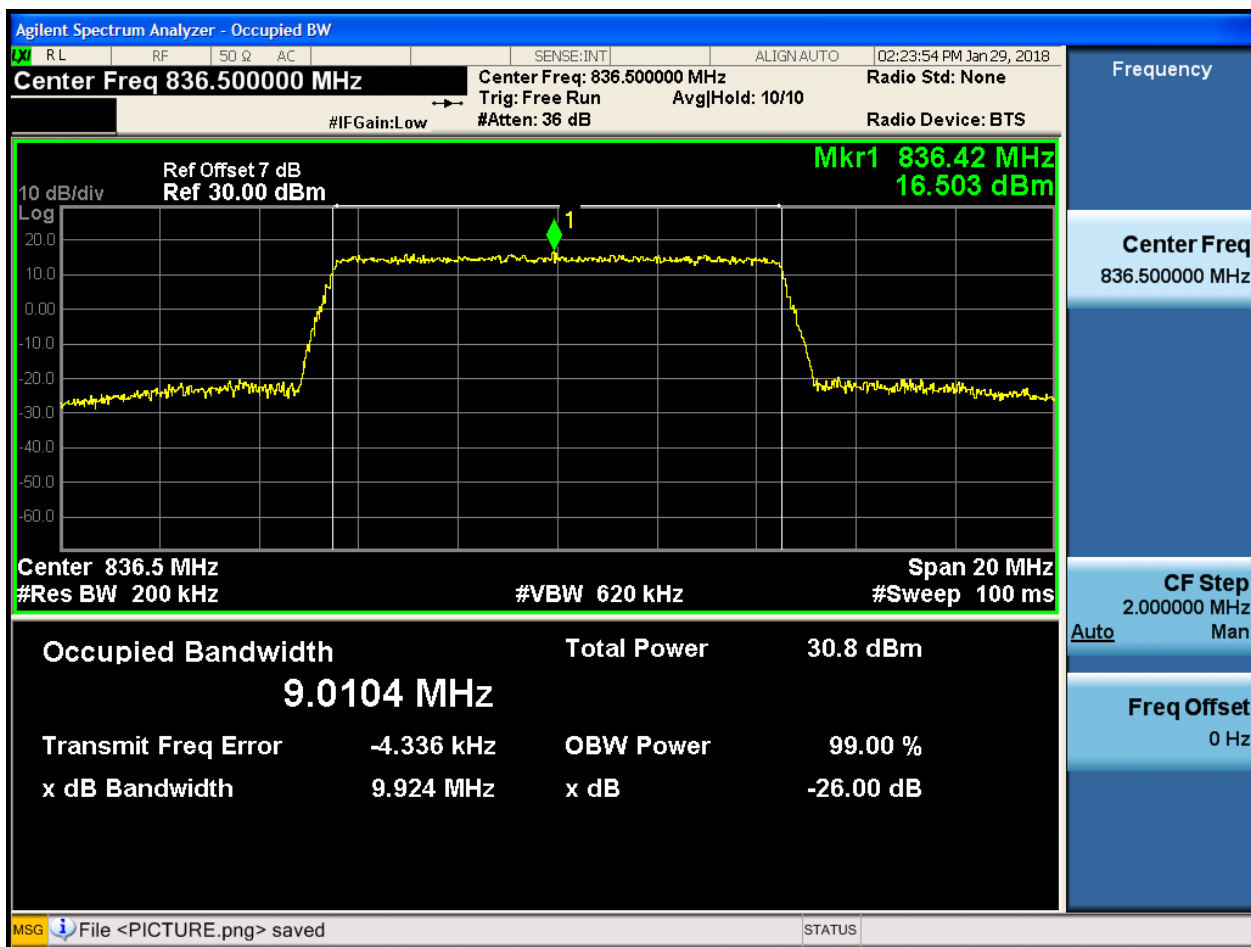
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

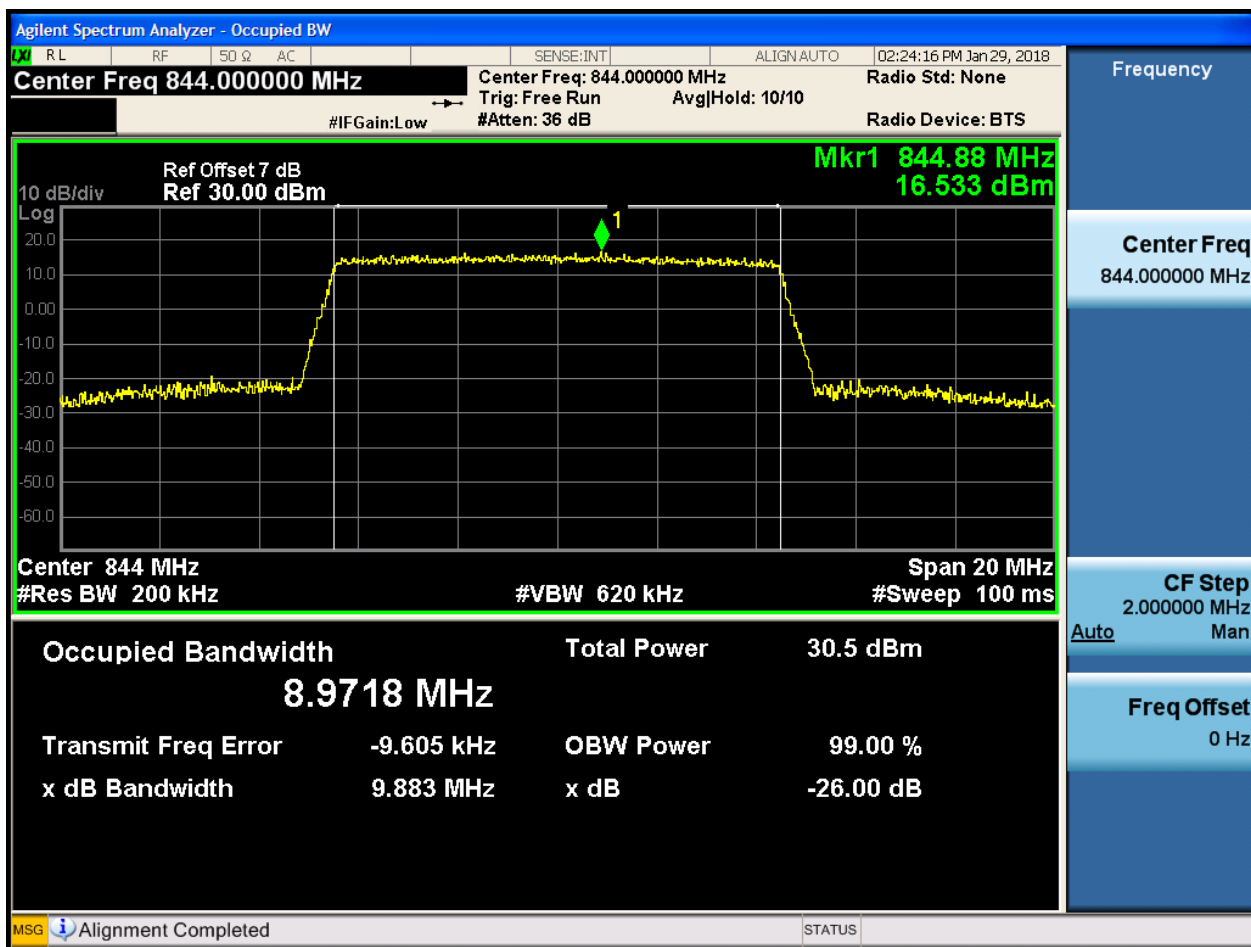
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

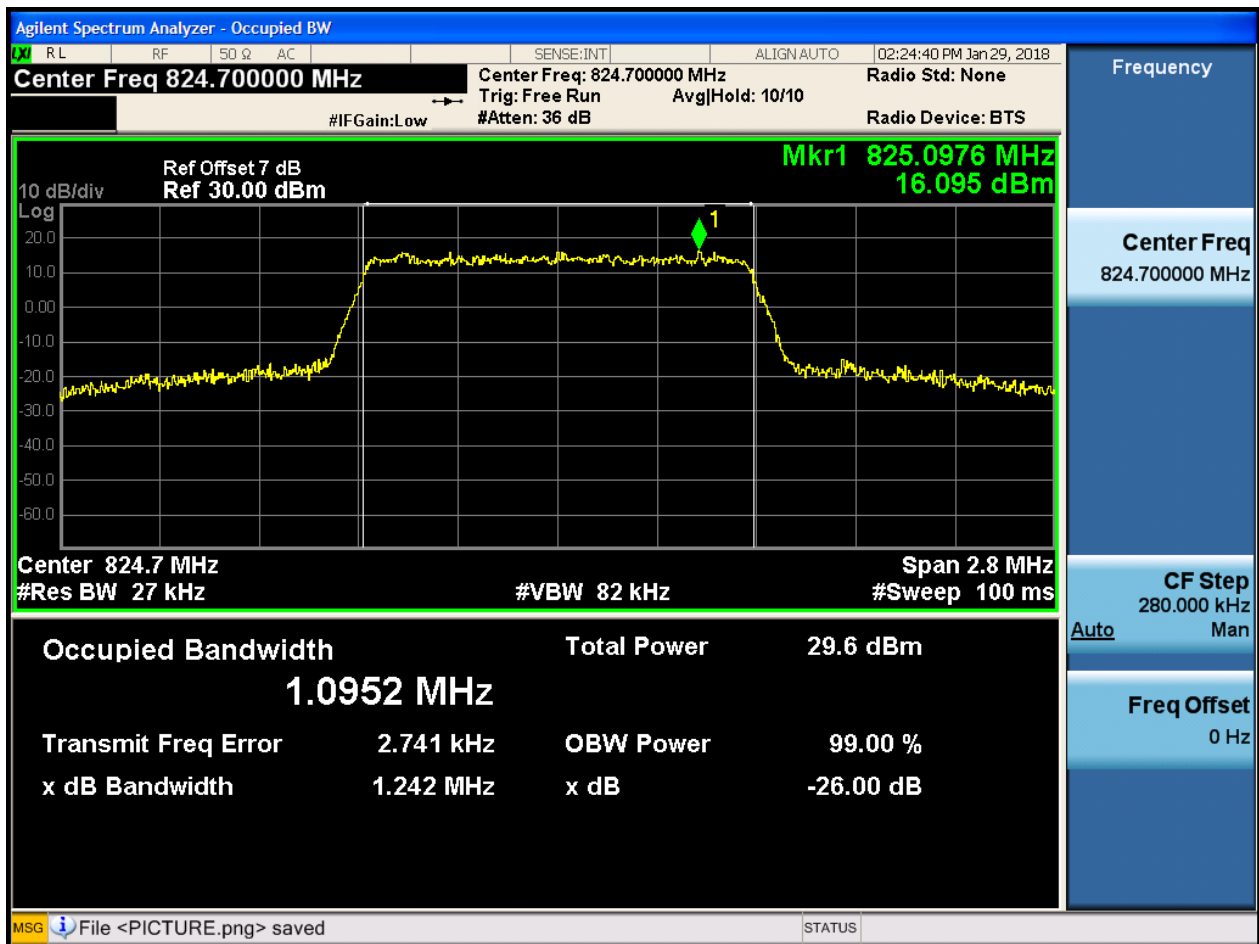


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

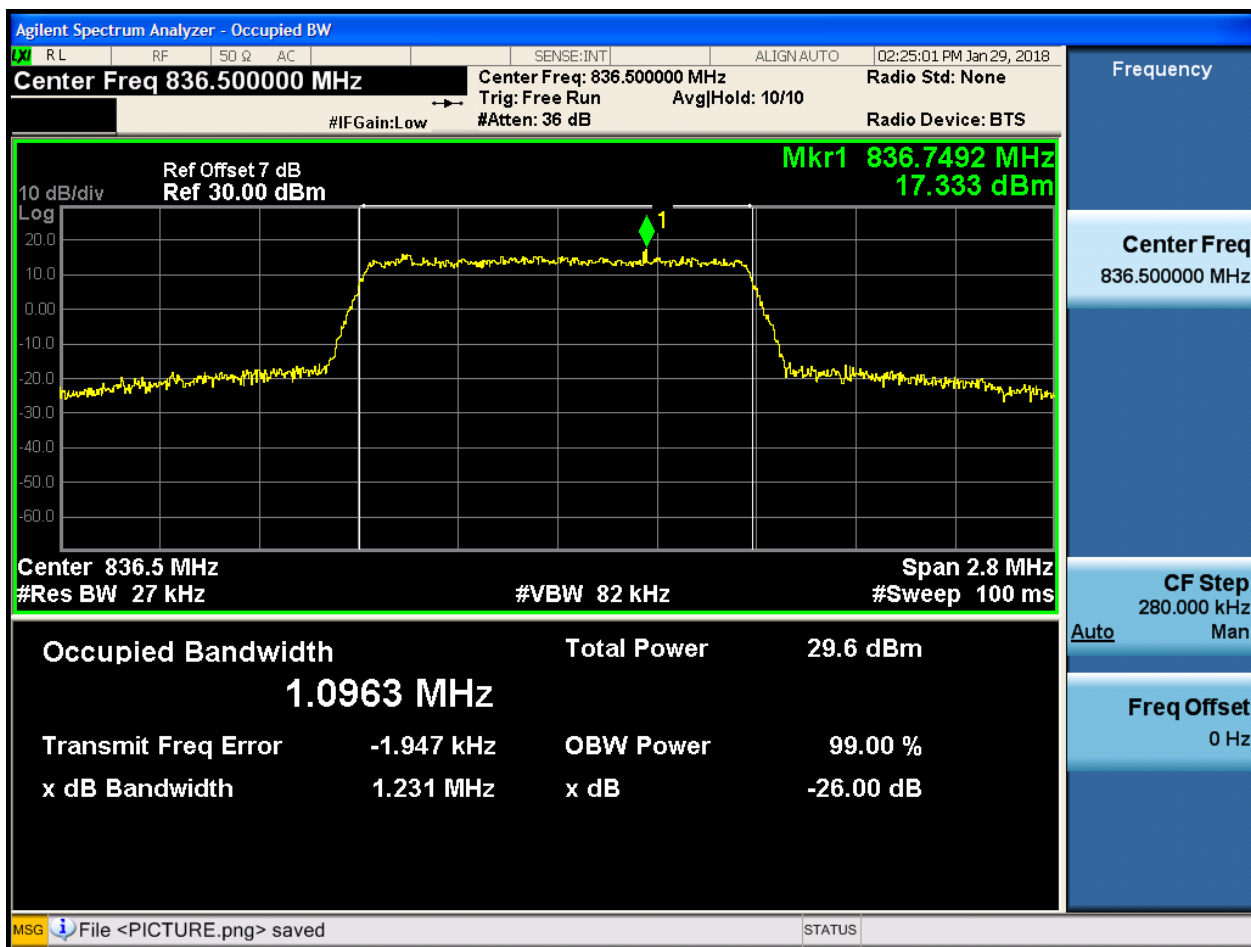
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

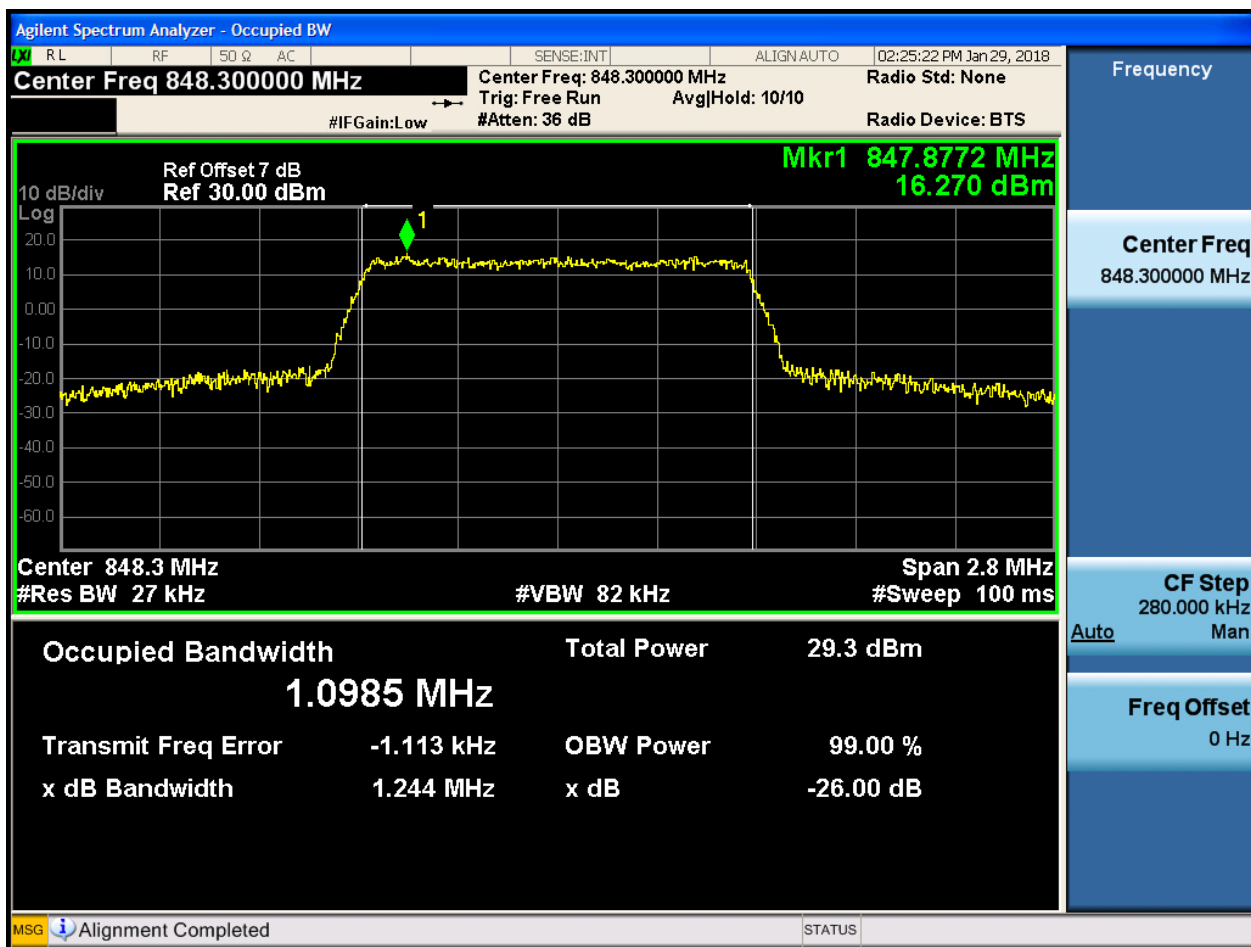
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

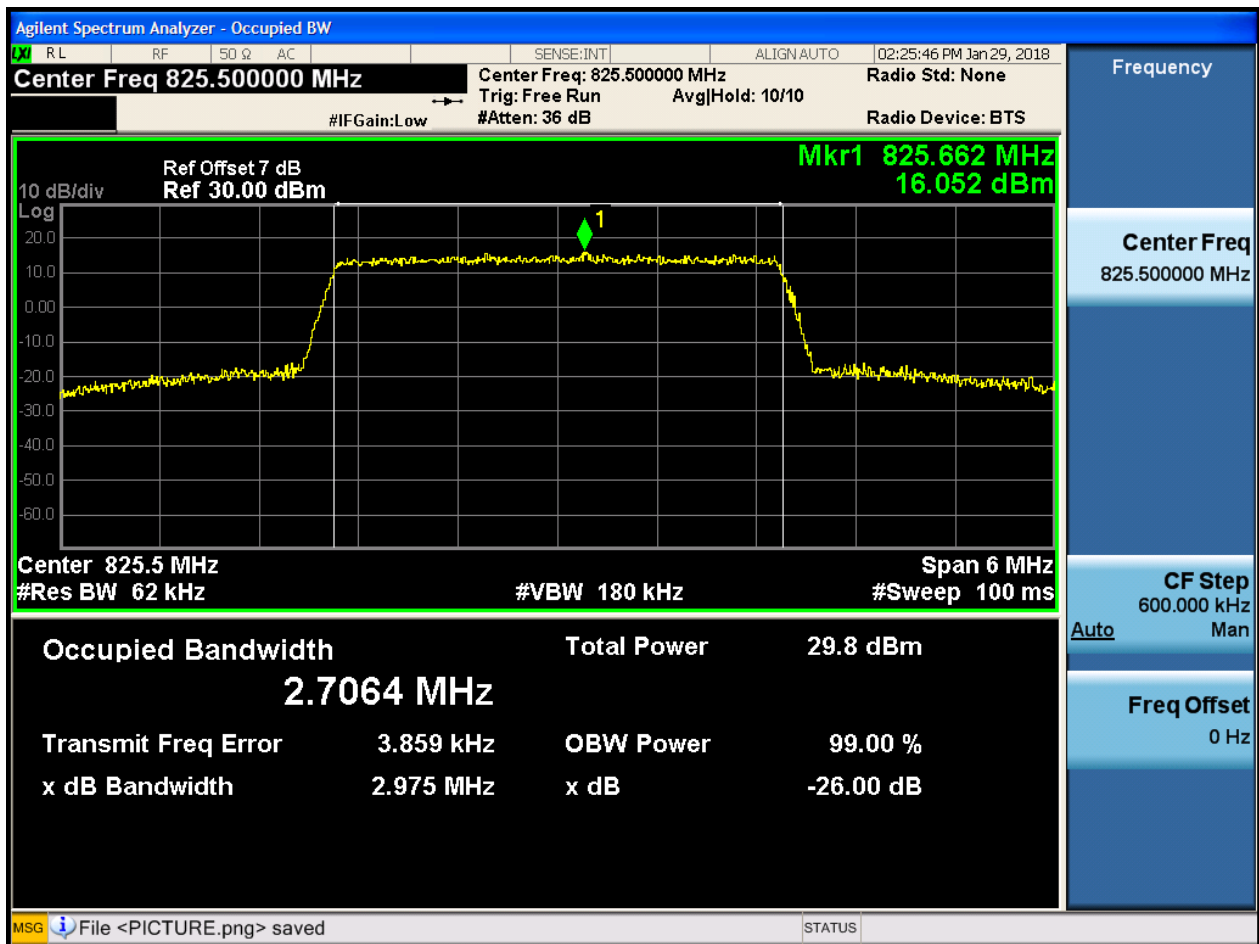




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

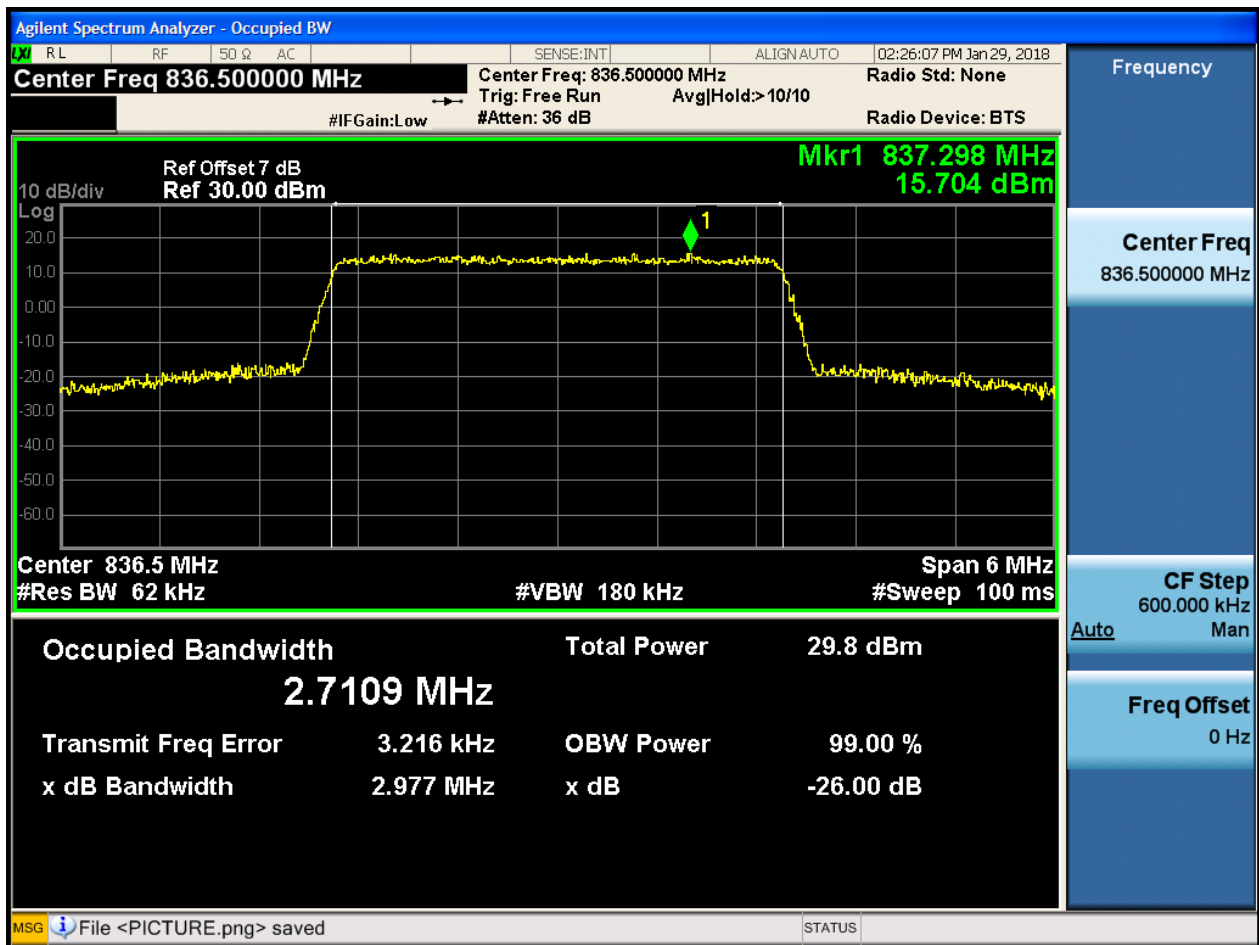
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

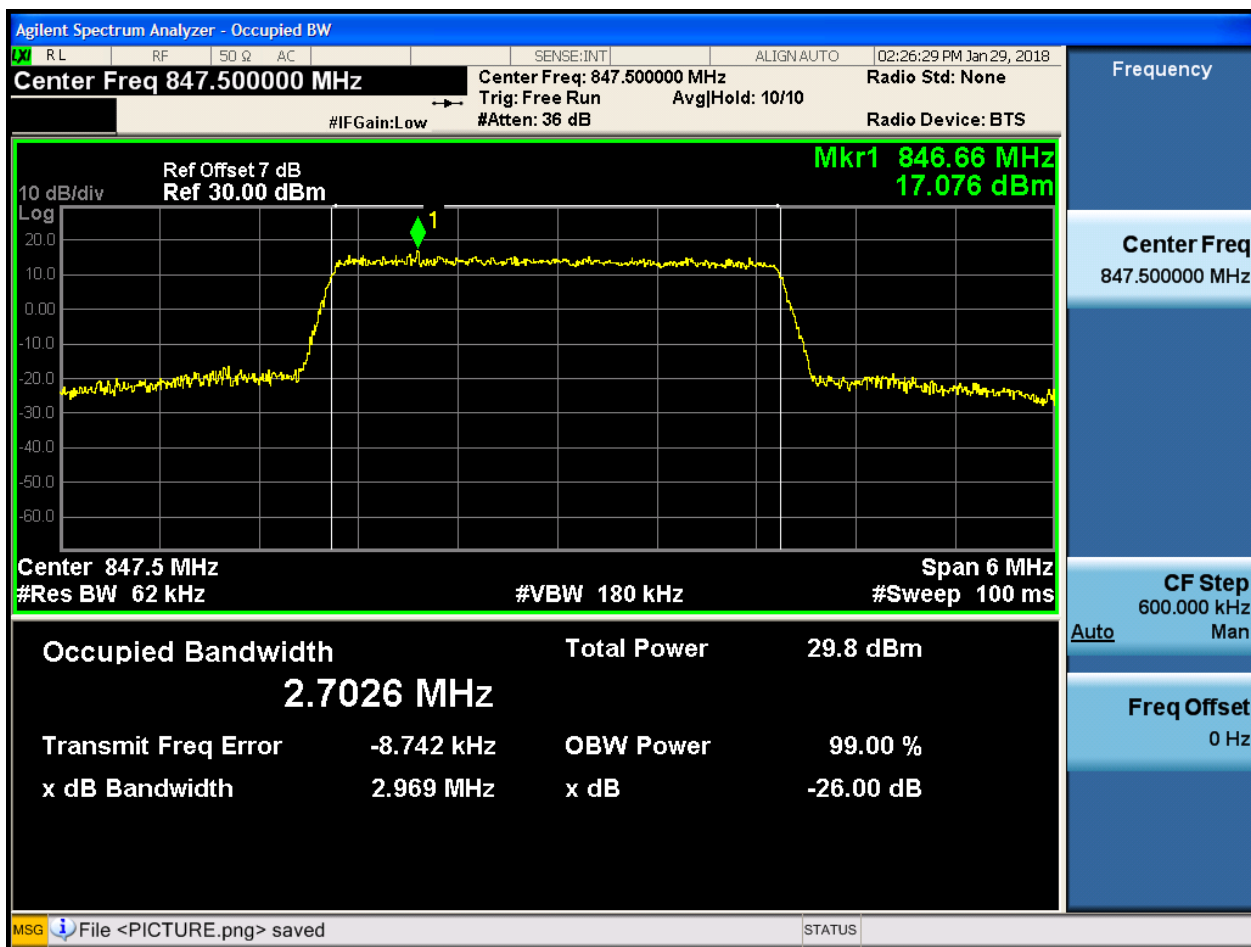
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

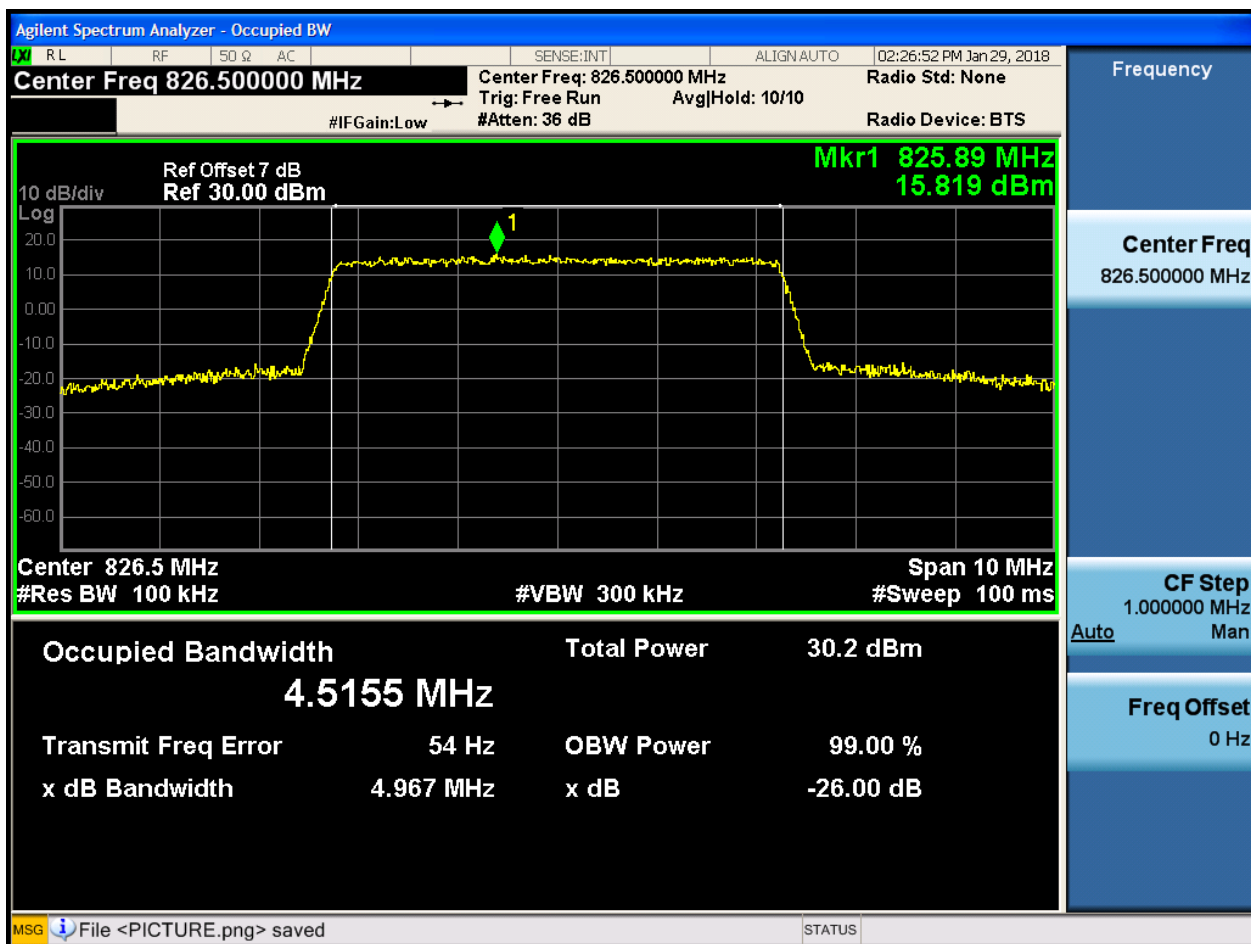




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

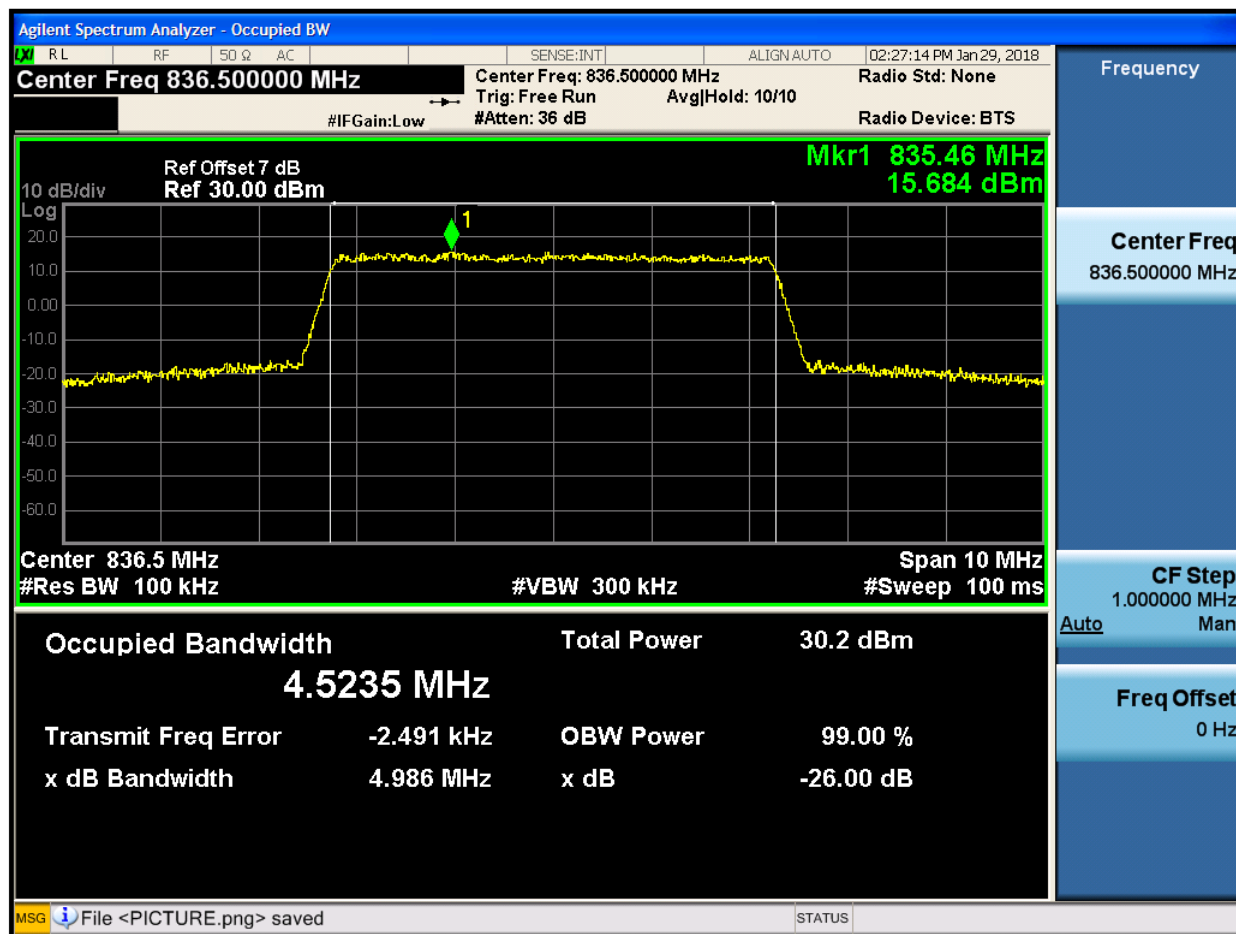
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

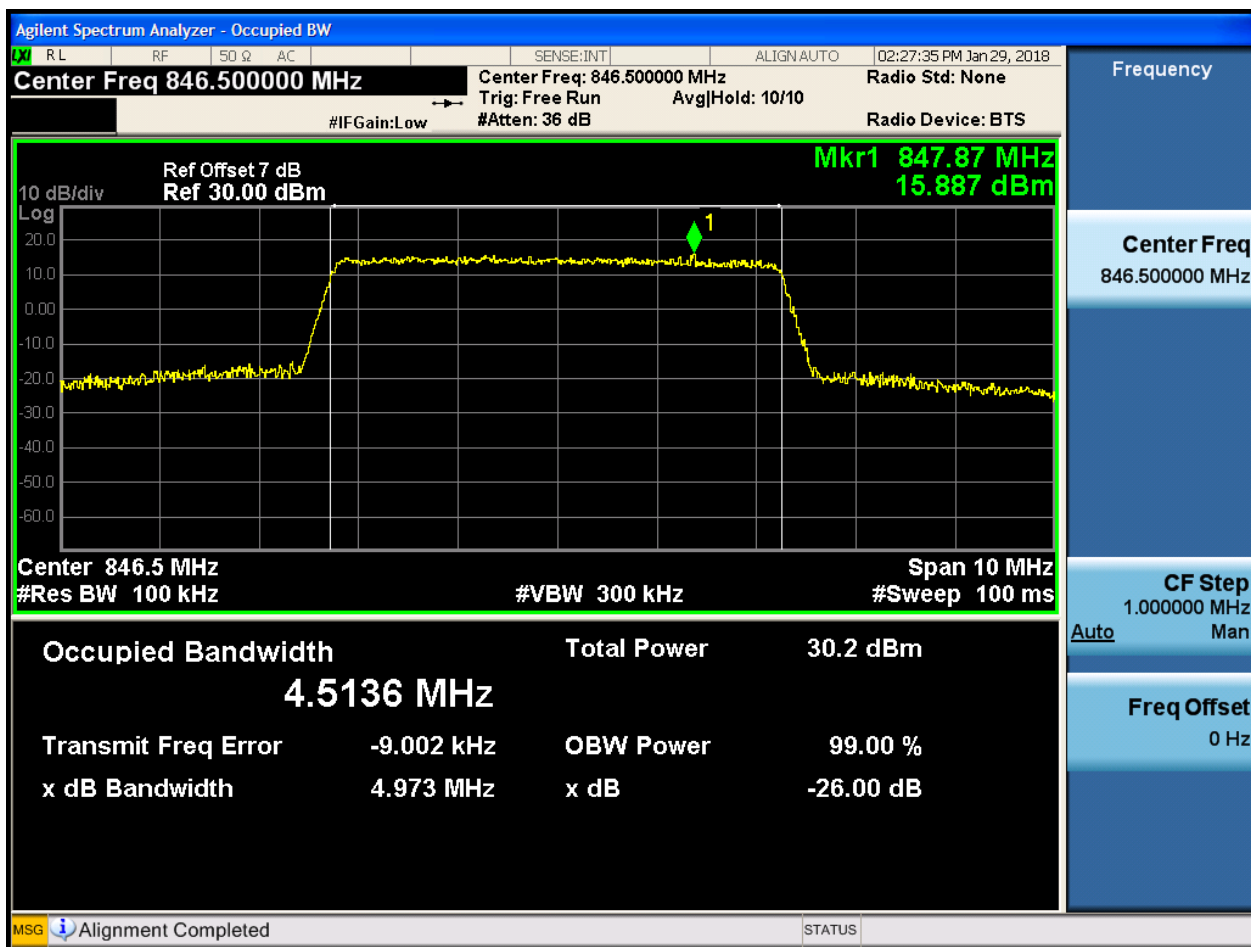
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

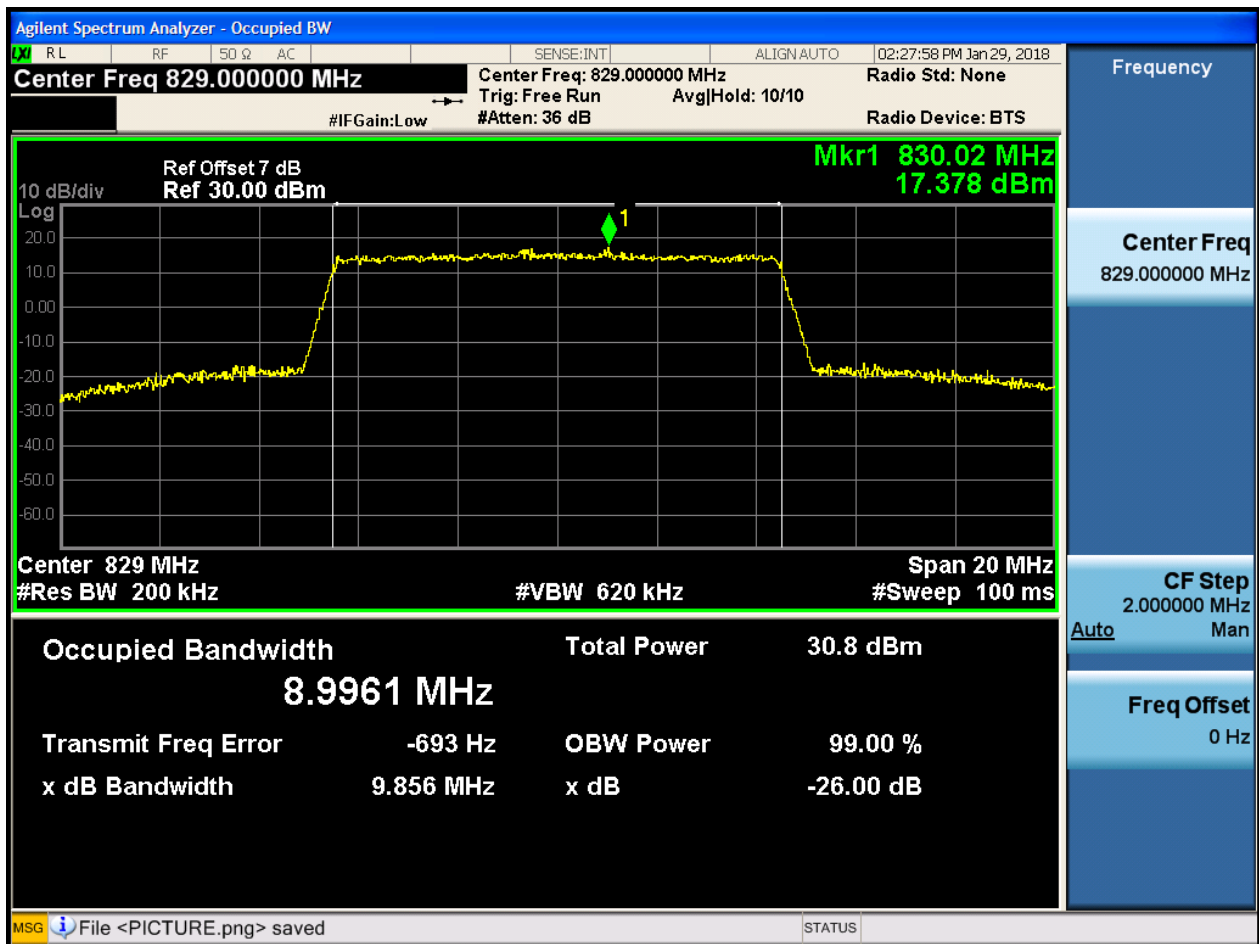




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

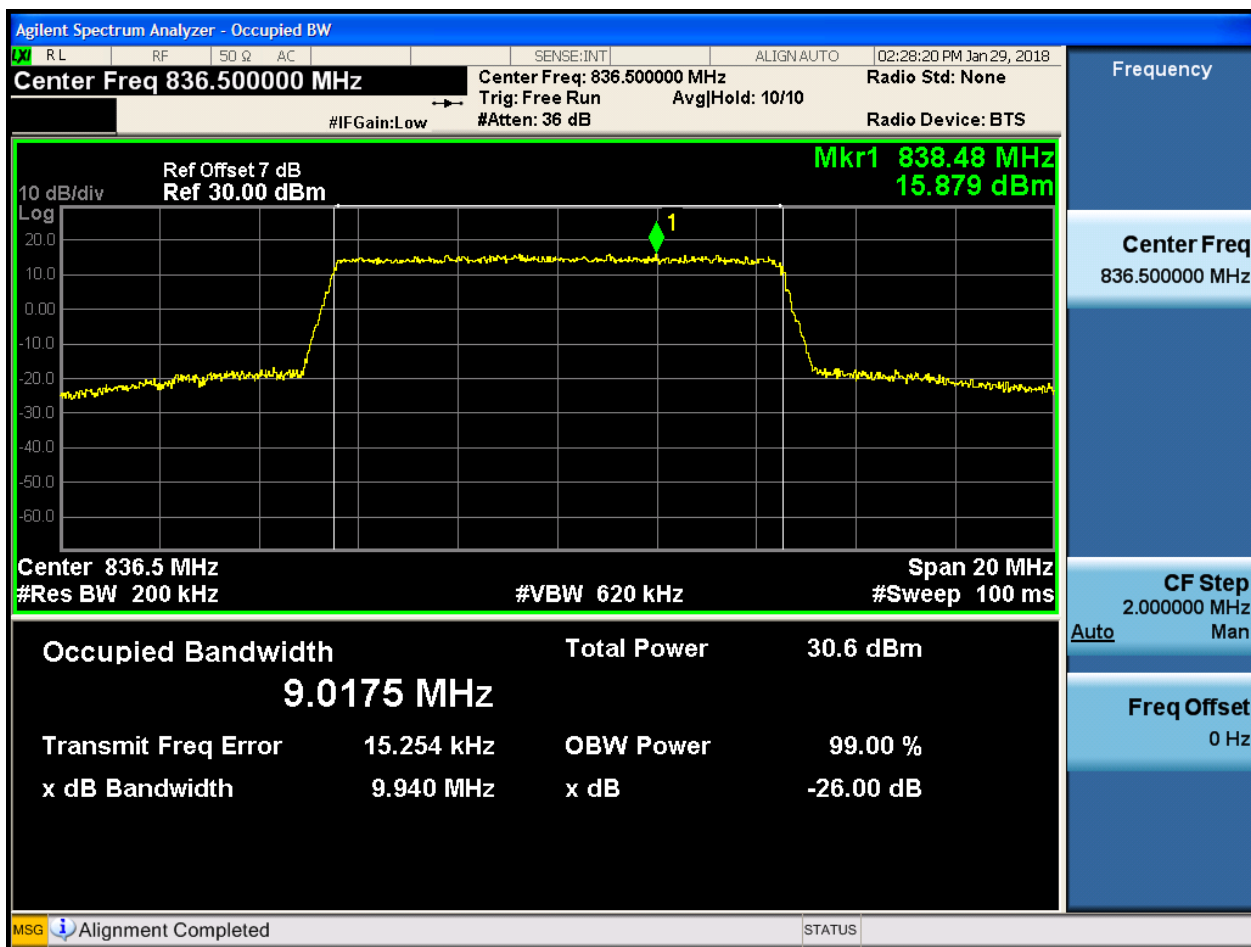
4.1.1.2.4.1.1 Test RB = RB50#0





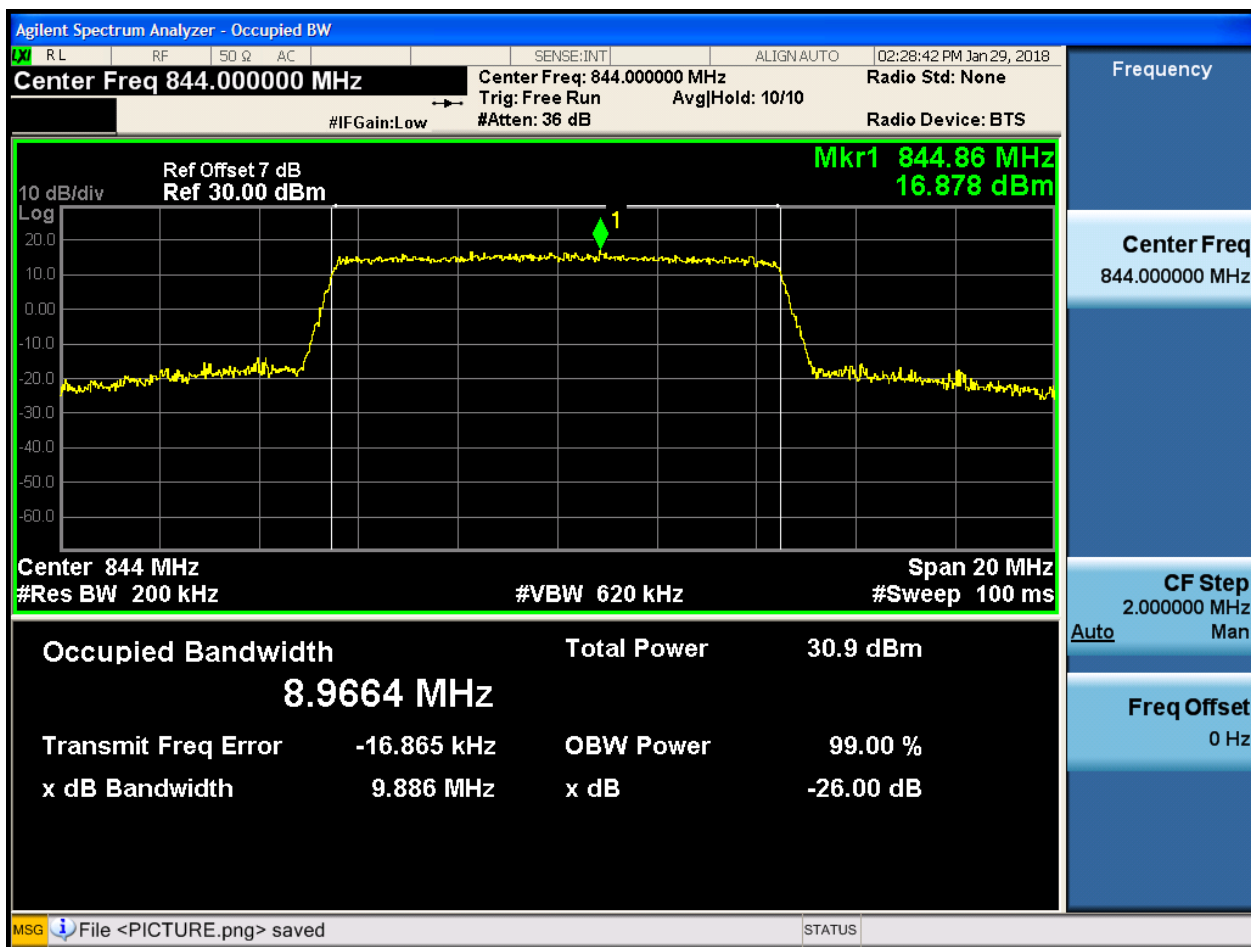
4.1.1.2.4.2 Test Channel = MCH

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

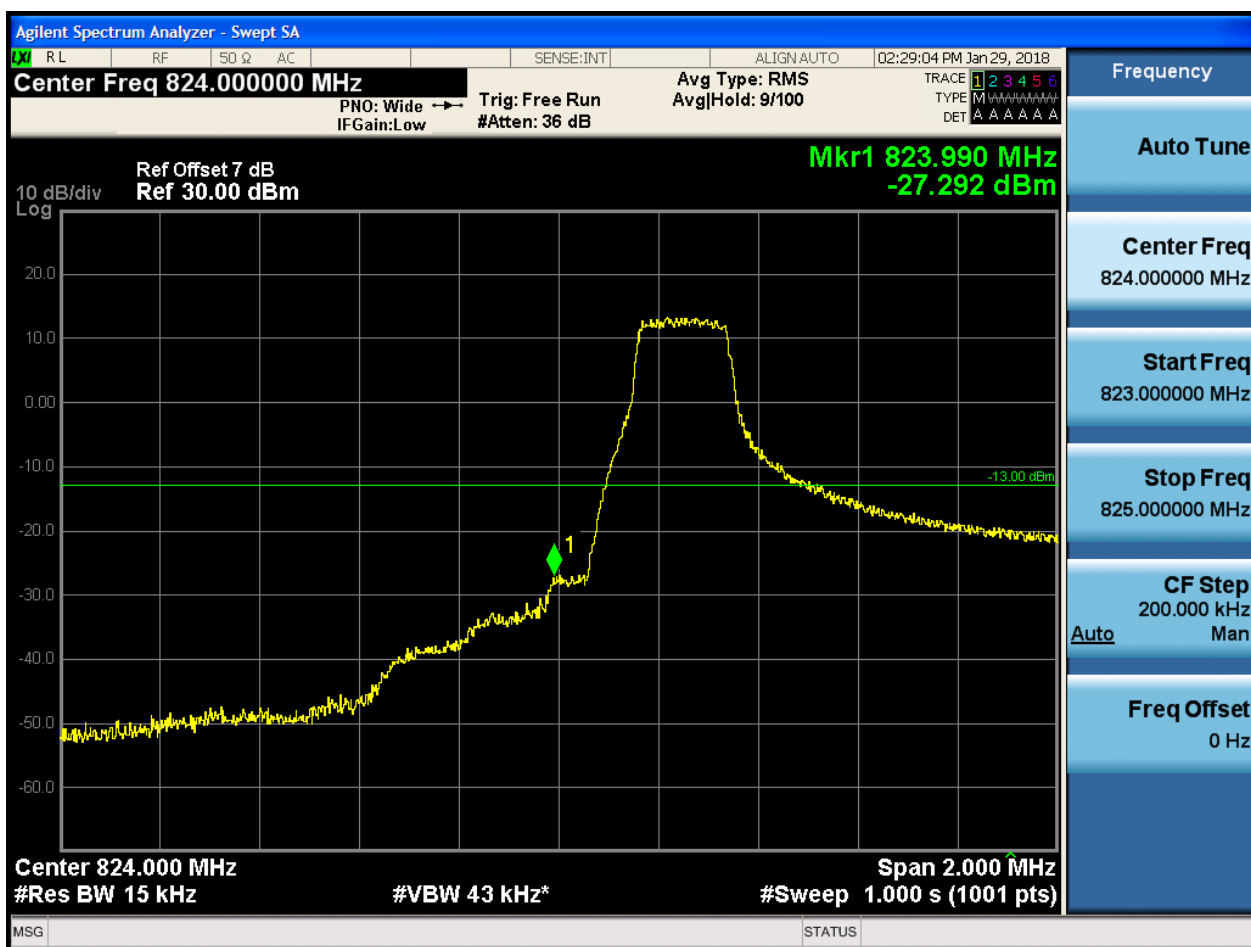
5.1.1 Test Band = BAND5

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

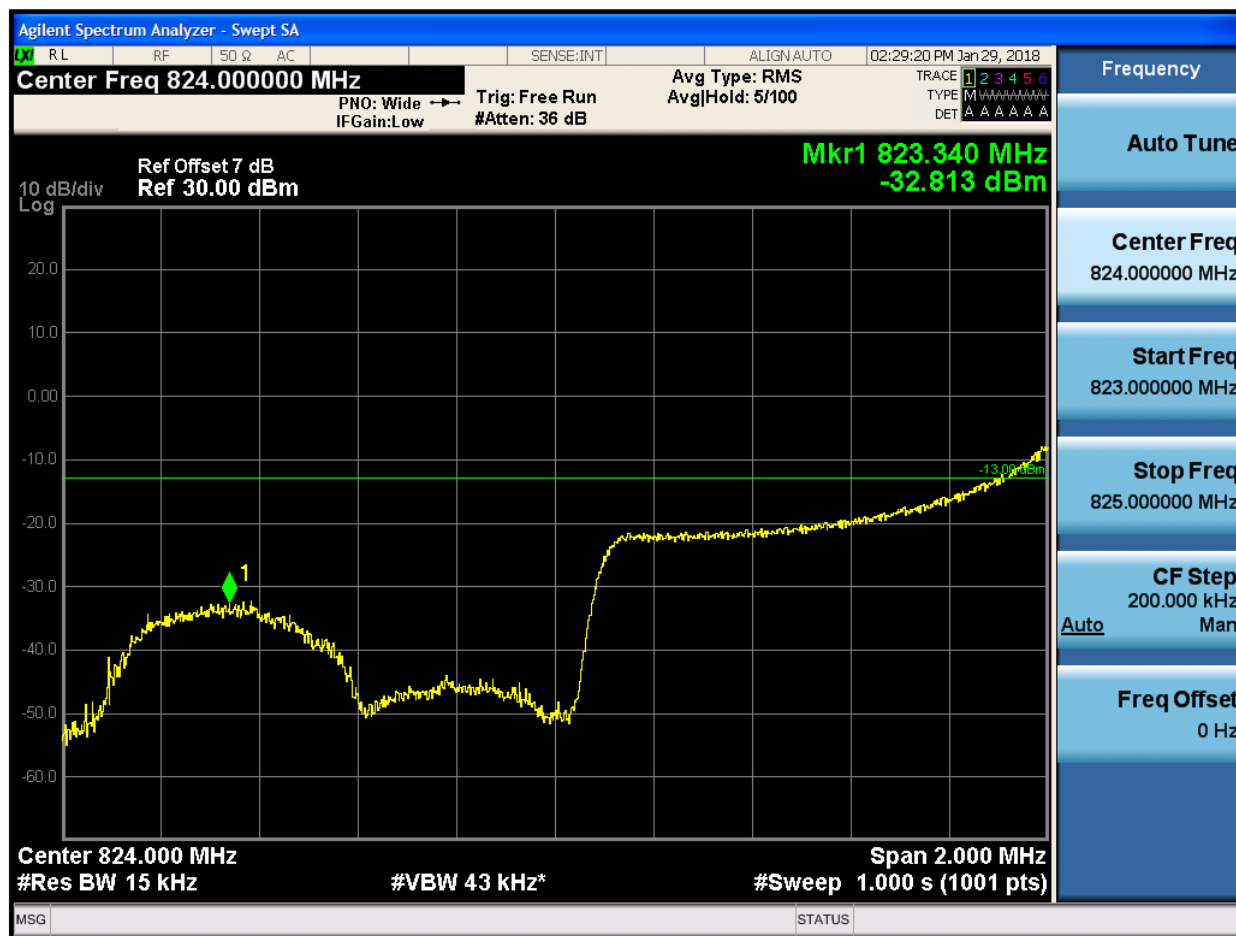
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:29:37 PM Jan 29, 2018

Center Freq 824.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 10/100
#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 7 dB
Ref 30.00 dBm

Mkr1 823.990 MHz
-32.036 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)

MSG STATUS

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

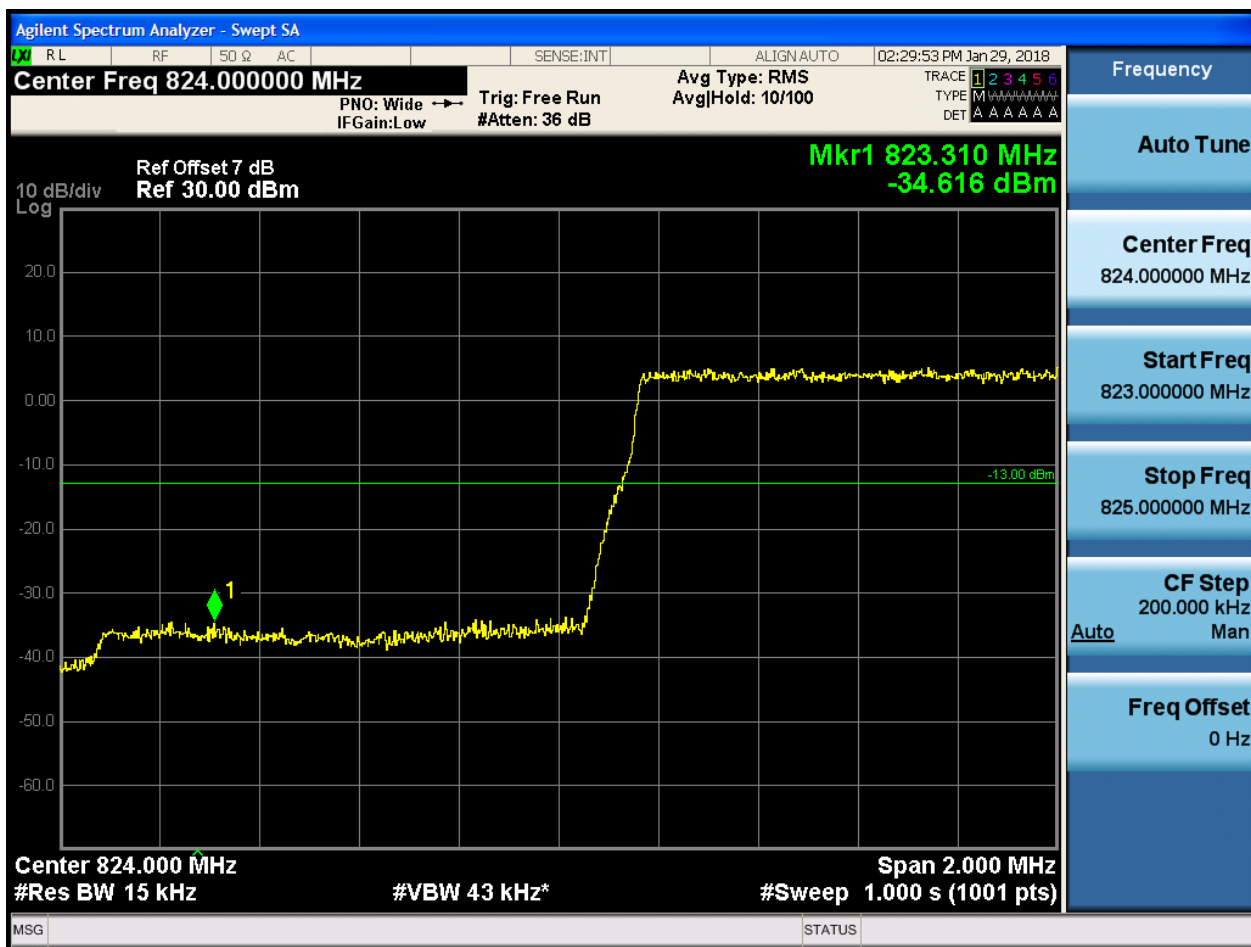
Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

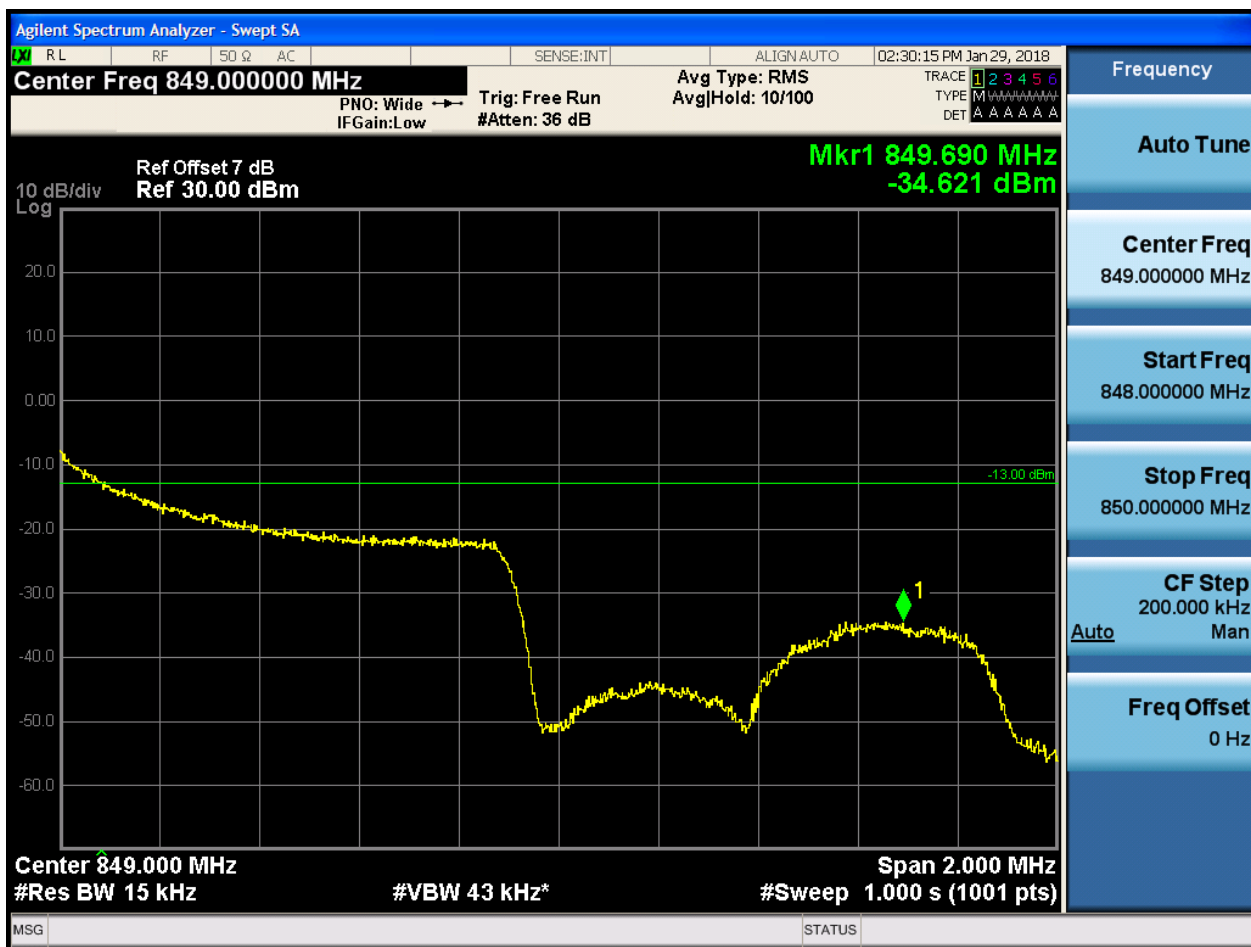


5.1.1.1.1.4 Test RB = RB6#0



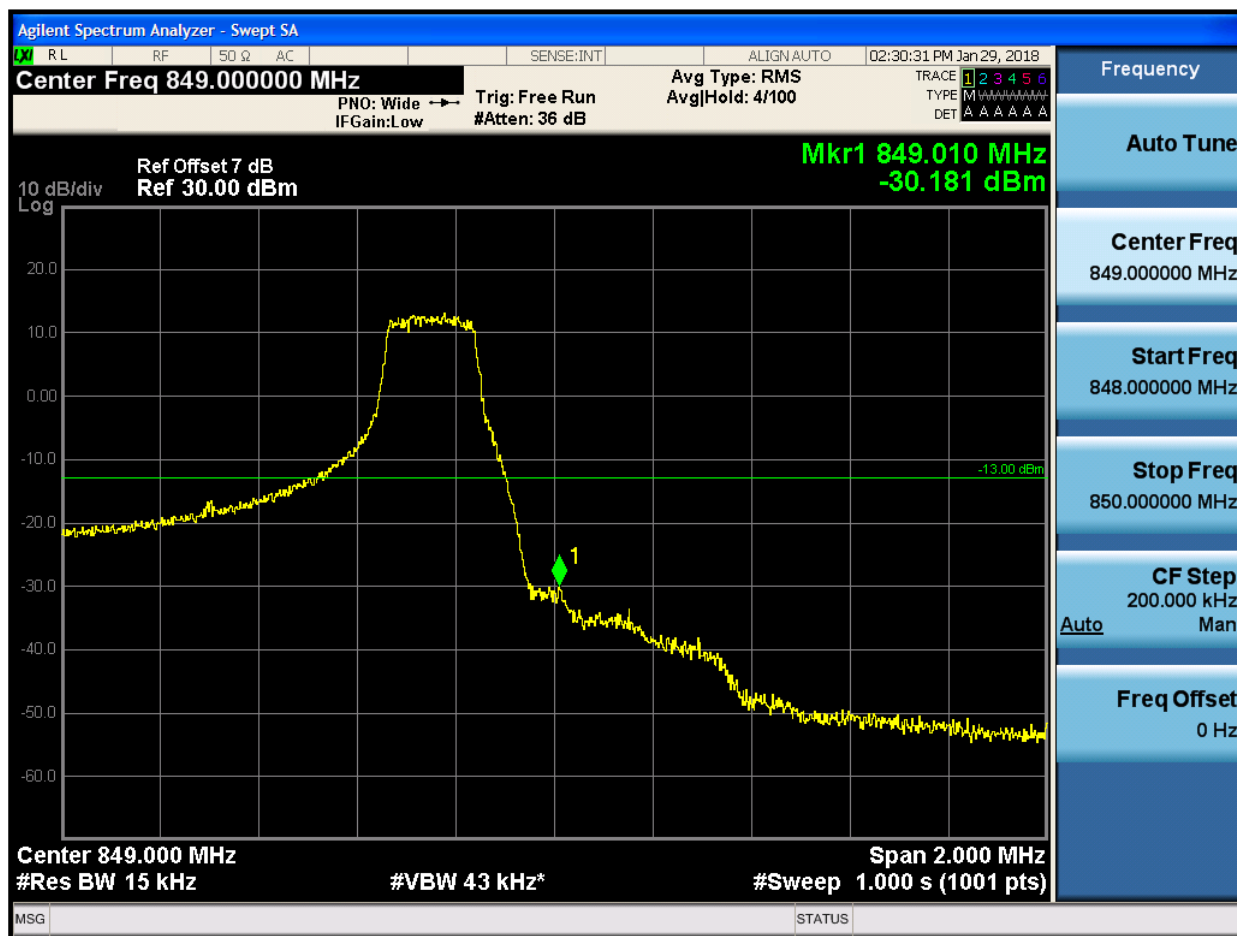


5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.000 MHz
-36.403 dBm

Center 849.000 MHz
#Res BW 15 kHz
#VBW 43 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

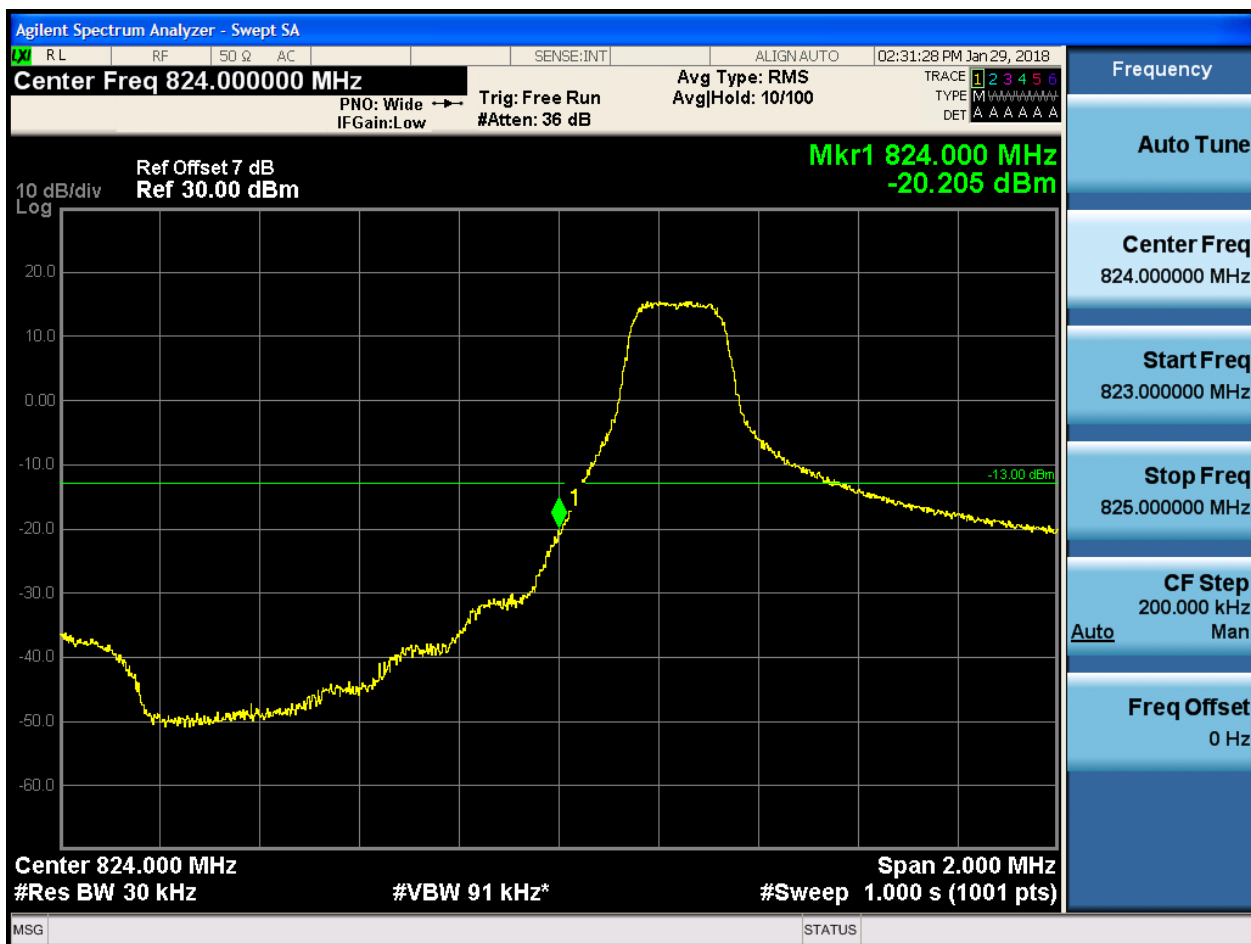
Freq Offset
0 Hz



5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:31:44 PM Jan 29, 2018

Center Freq 824.000000 MHz Avg Type: RMS
PNO: Wide Trig: Free Run AvgHold: 10/100
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 7 dB
Ref 30.00 dBm

Mkr1 824.000 MHz
-34.858 dBm

10 dB/div
Log

-13.00 dBm

Center 824.000 MHz
#Res BW 30 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

#VBW 91 kHz*

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



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:32:00 PM Jan 29, 2018

Center Freq 824.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 10/100
#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 7 dB
Ref 30.00 dBm

Mkr1 824.000 MHz
-33.991 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

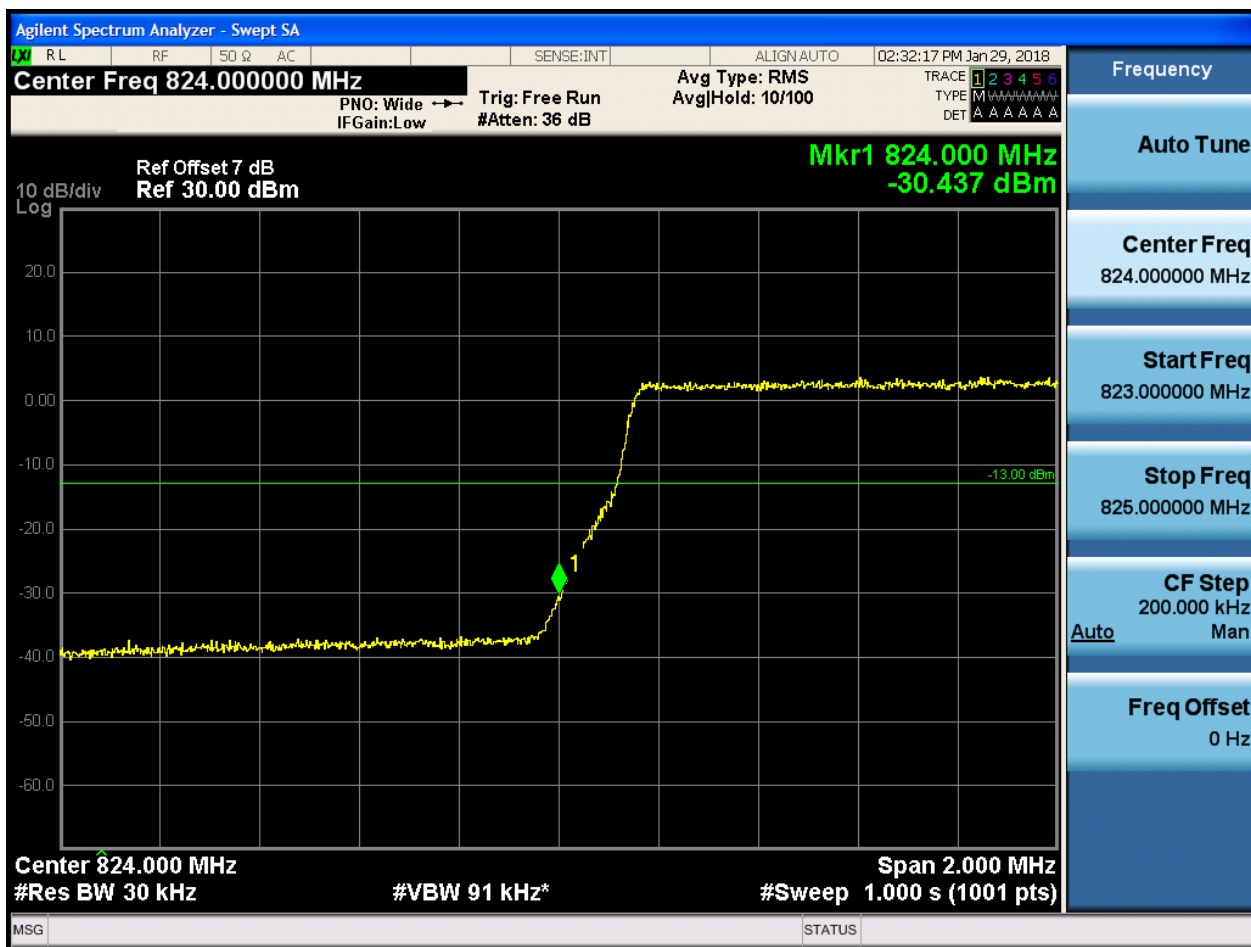
Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



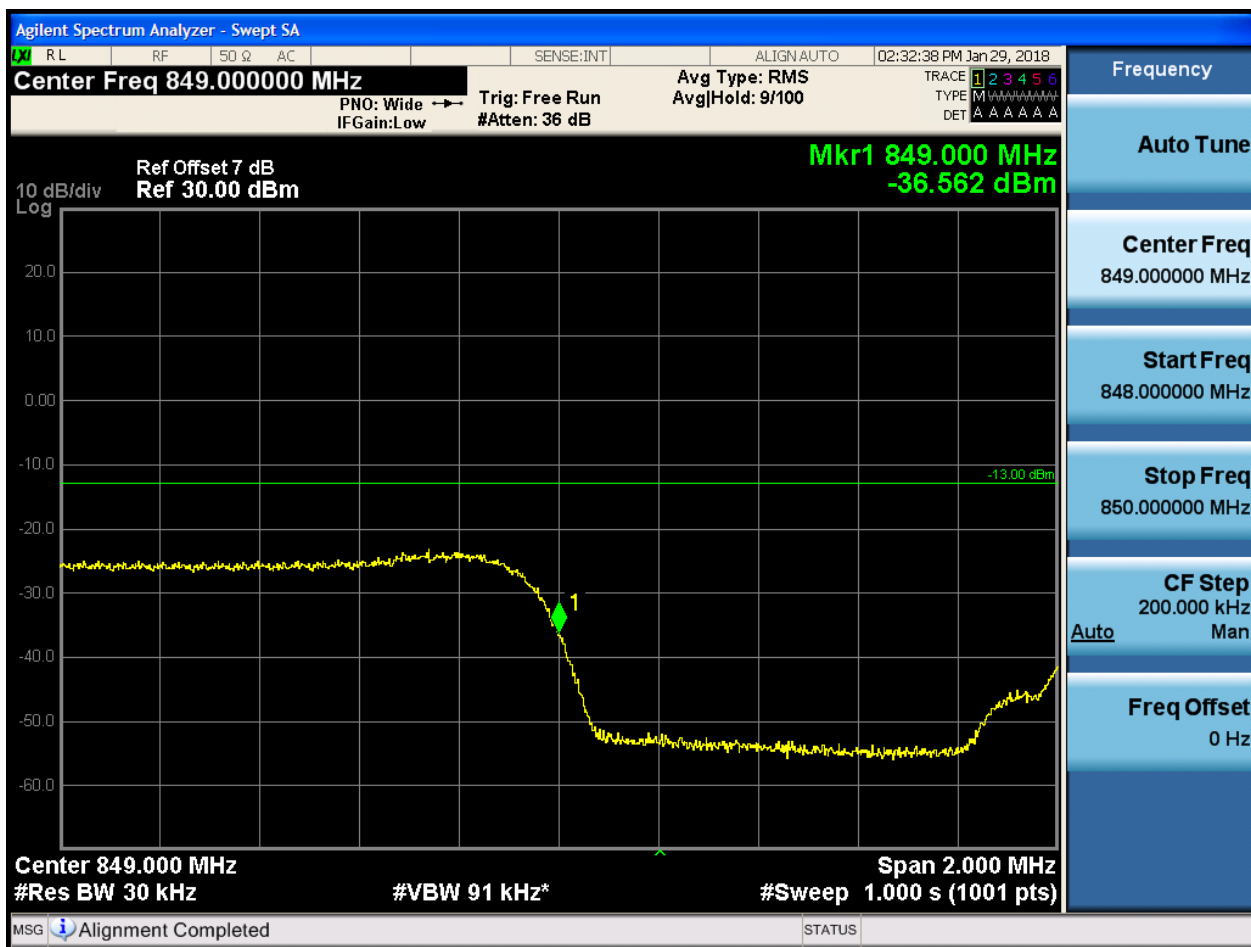
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:32:55 PM Jan 29, 2018

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 10/100
#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

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-21.820 dBm

10 dB/div
Log

Center 849.000 MHz
#Res BW 30 kHz #VBW 91 kHz* Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:33:11 PM Jan 29, 2018

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide → Trig: Free Run AvgHold: 10/100
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 7 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-34.045 dBm

10 dB/div
Log

-13.00 dBm

Center 849.000 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 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

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:33:28 PM Jan 29, 2018

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 10/100
#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

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-31.787 dBm

10 dB/div
Log

Center 849.000 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
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Auto Man

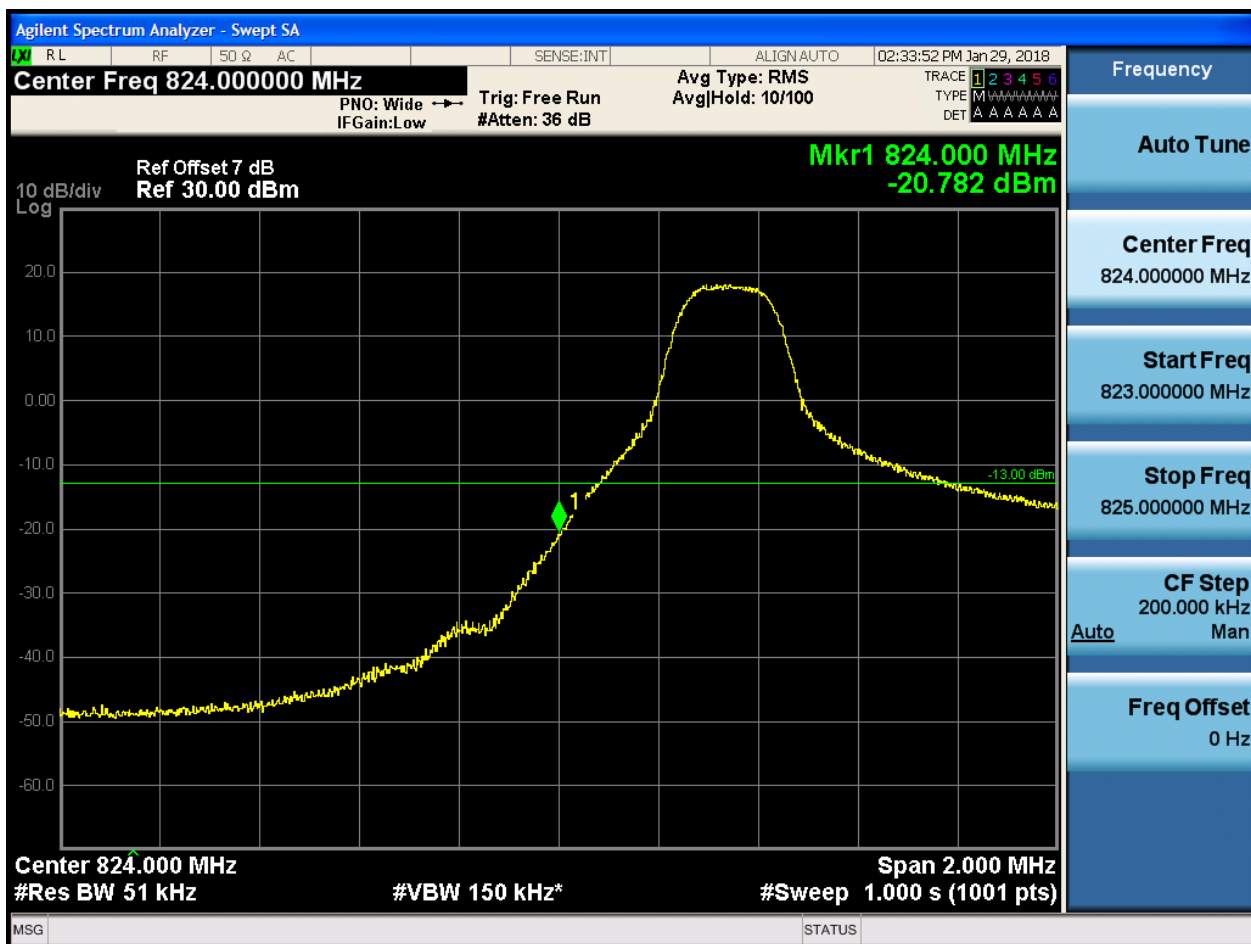
Freq Offset
0 Hz



5.1.1.1.3 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

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:34:08 PM Jan 29, 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 M W W W W W W W
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 824.000 MHz
-38.840 dBm

10 dB/div
Log

-13.00 dBm

Center 824.000 MHz
#Res BW 51 kHz

#VBW 150 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



Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

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

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg|Hold: 9/100

Mkr1 824.000 MHz
-33.965 dBm

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



Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7 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

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
Man

Freq Offset
0 Hz

Center 824.000 MHz
#Res BW 51 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

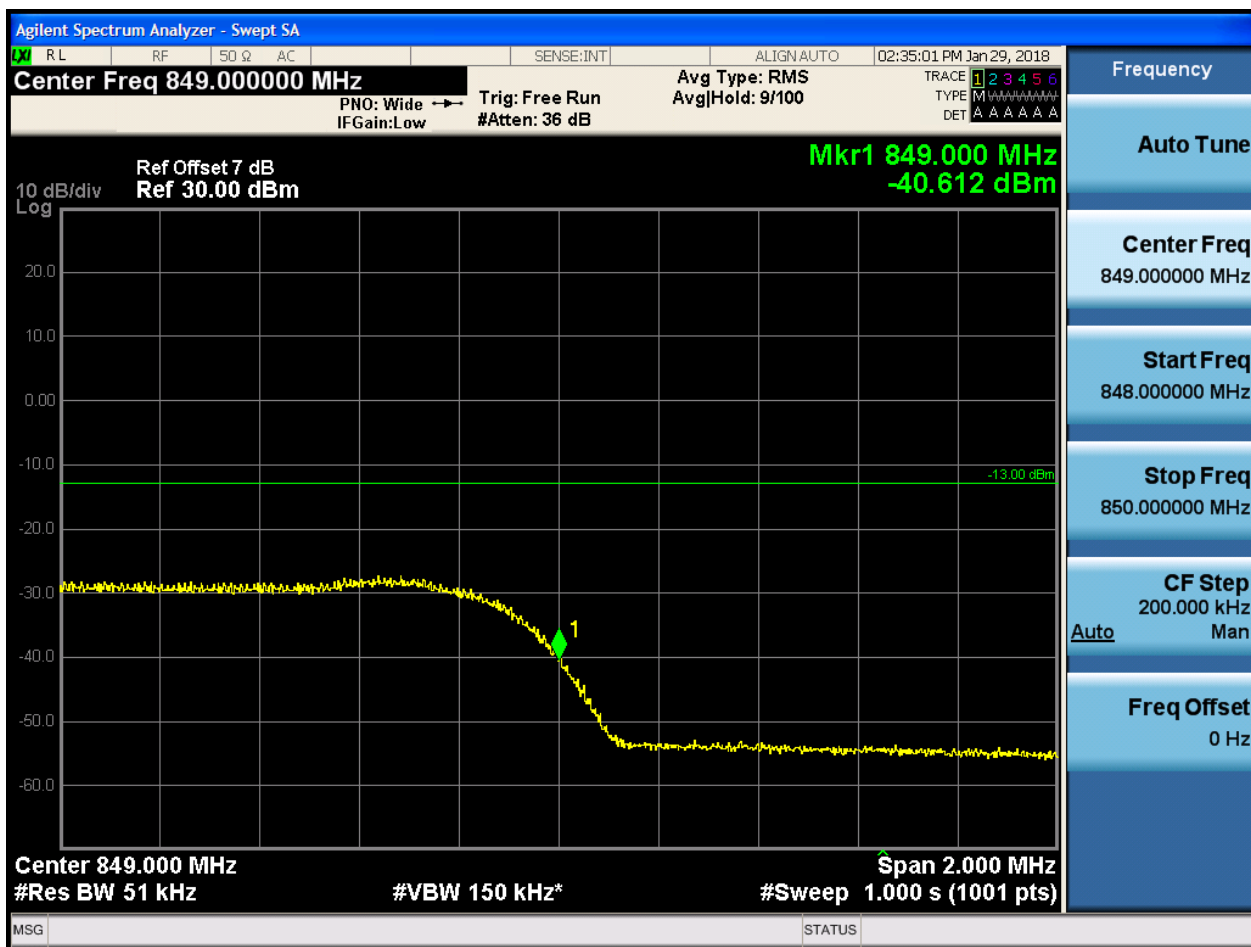
Auto

MSG STATUS



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

Center Freq 849.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

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

Msg

Status



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:35:33 PM Jan 29, 2018

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
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-34.725 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)

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

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:35:49 PM Jan 29, 2018

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 7/100
#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

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-32.705 dBm

10 dB/div
Log

-13.00 dBm

Center 849.000 MHz
#Res BW 51 kHz
#VBW 150 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG Alignment Completed 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

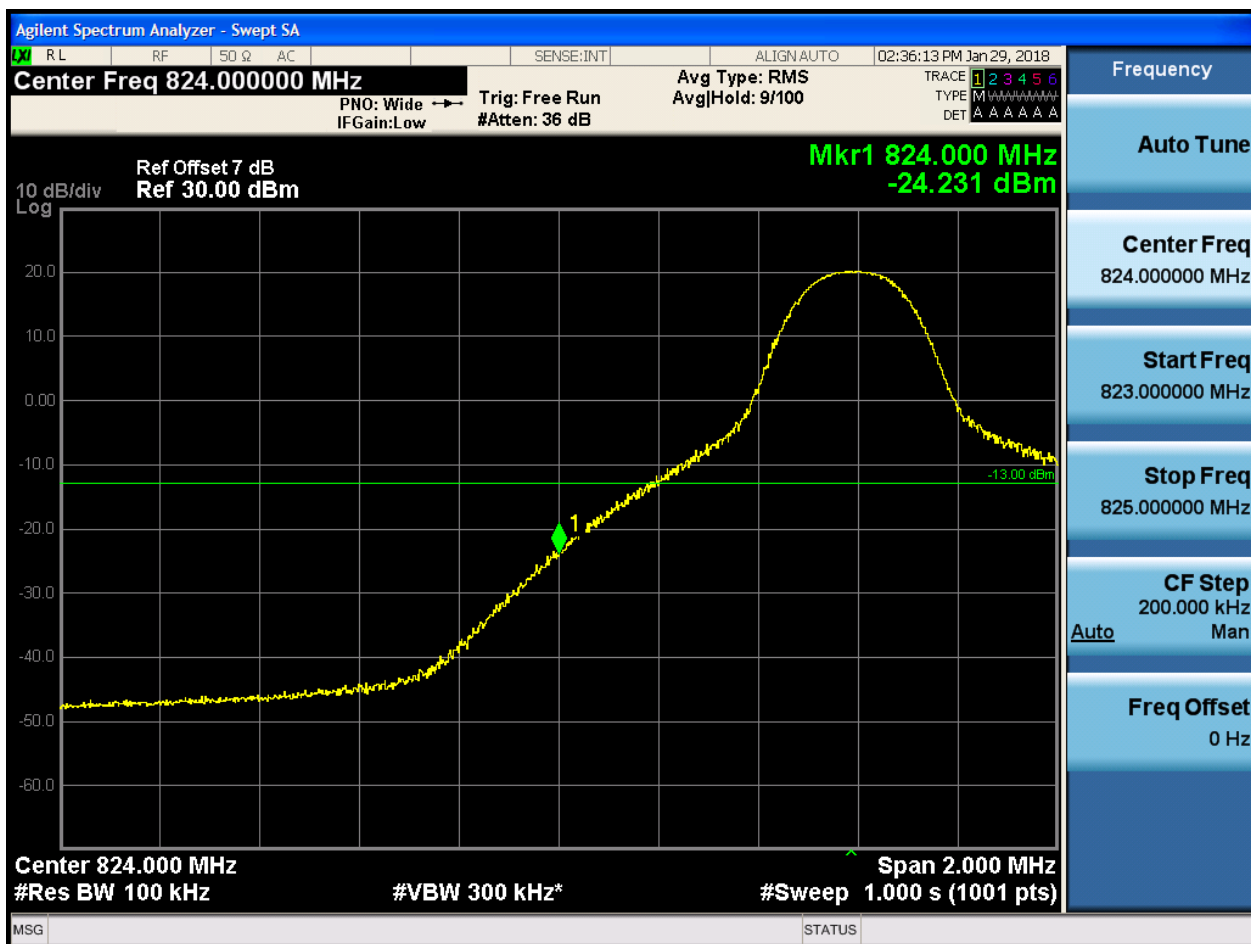
Freq Offset
0 Hz



5.1.1.1.4 Test Bandwidth = 10

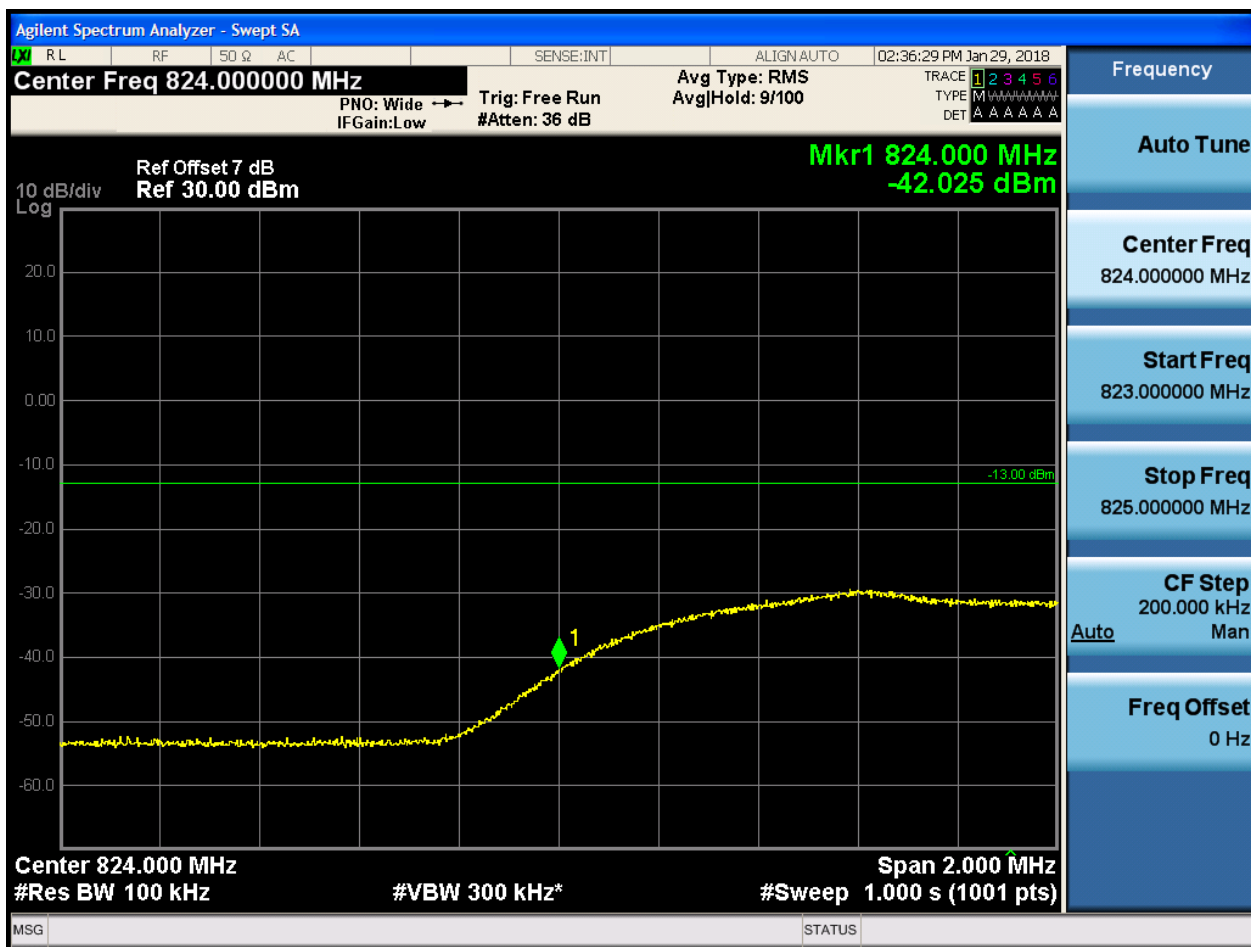
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0

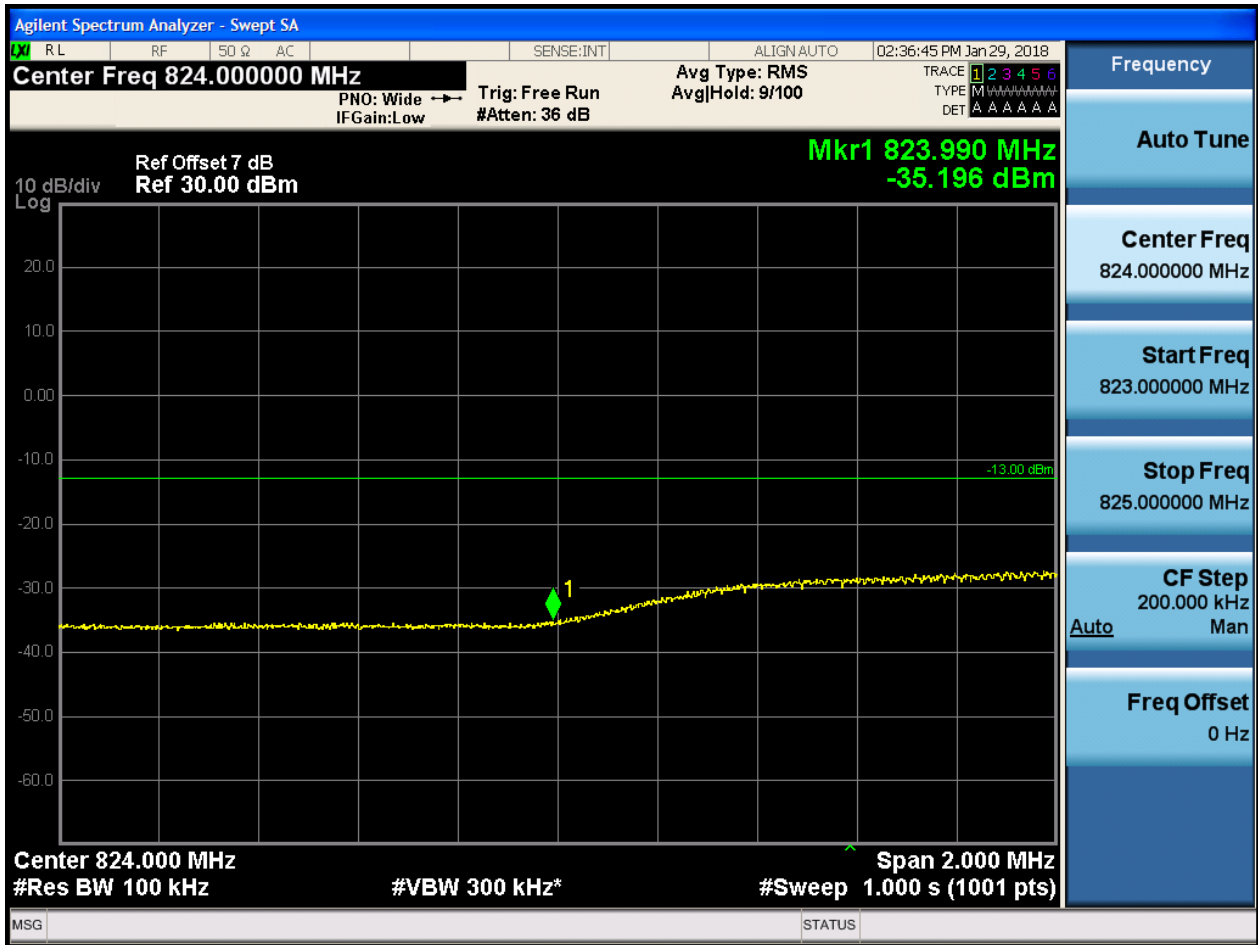




5.1.1.1.4.1.2 Test RB = RB1#49

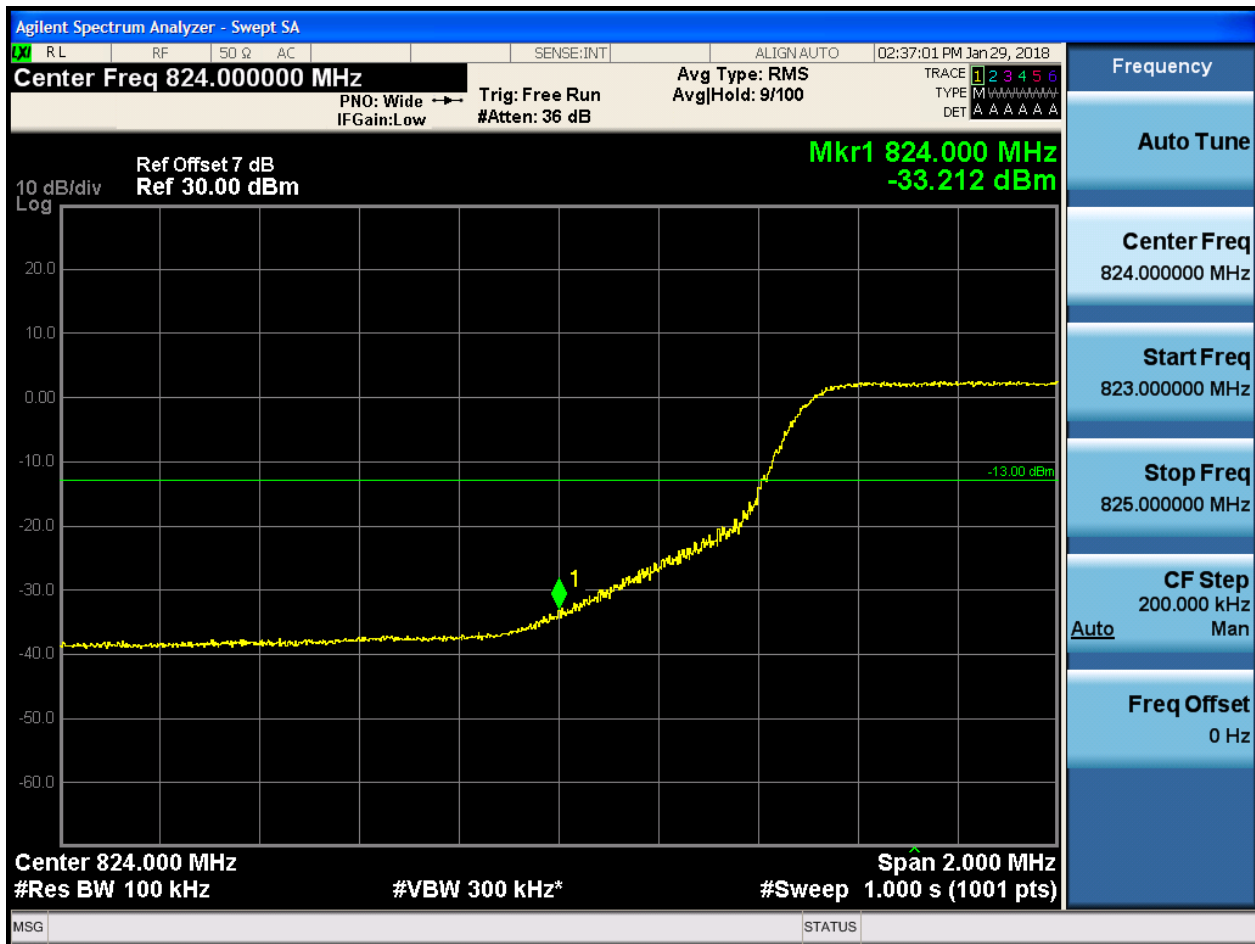


5.1.1.1.4.1.3 Test RB = RB25#13





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





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Agilent

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:37:40 PM Jan 29, 2018

Avg Type: RMS
Avg|Hold: 9/100

Trig: Free Run
#Atten: 36 dB

PNO: Wide $\rightarrow$
IFGain:Low

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

Mkr1 849.010 MHz
-24.279 dBm

-13.00 dBm

1

Center 849.000 MHz
#Res BW 100 kHz

#VBW 300 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

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:37:56 PM Jan 29, 2018

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
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 849.020 MHz
-34.549 dBm

10 dB/div
Log

Center 849.000 MHz
#Res BW 100 kHz
#VBW 300 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

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:38:11 PM Jan 29, 2018

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run
#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 7 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-34.204 dBm

10 dB/div
Log

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 Man

Freq Offset
0 Hz

MSG STATUS

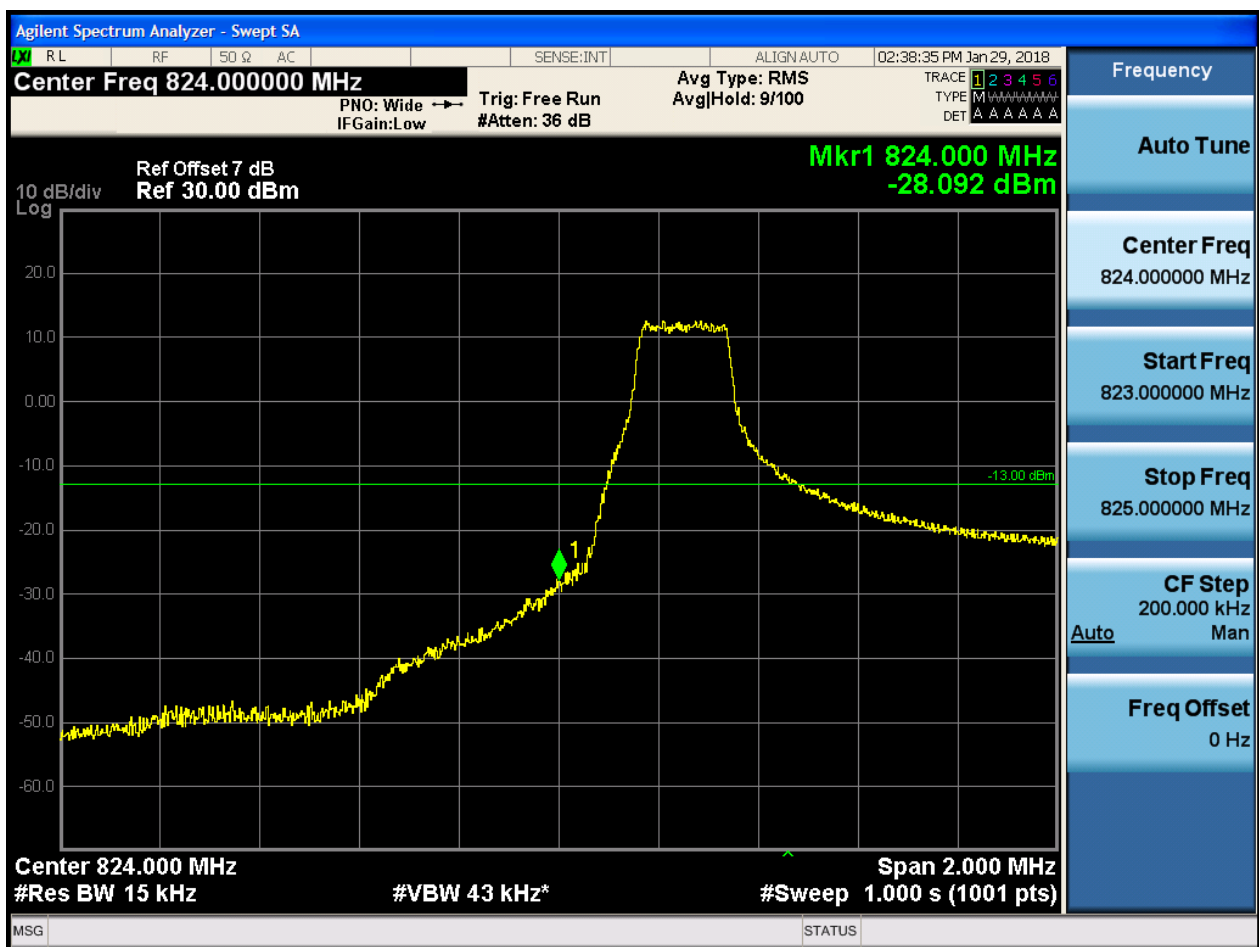


5.1.1.2 Test Mode = LTE/TM2

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



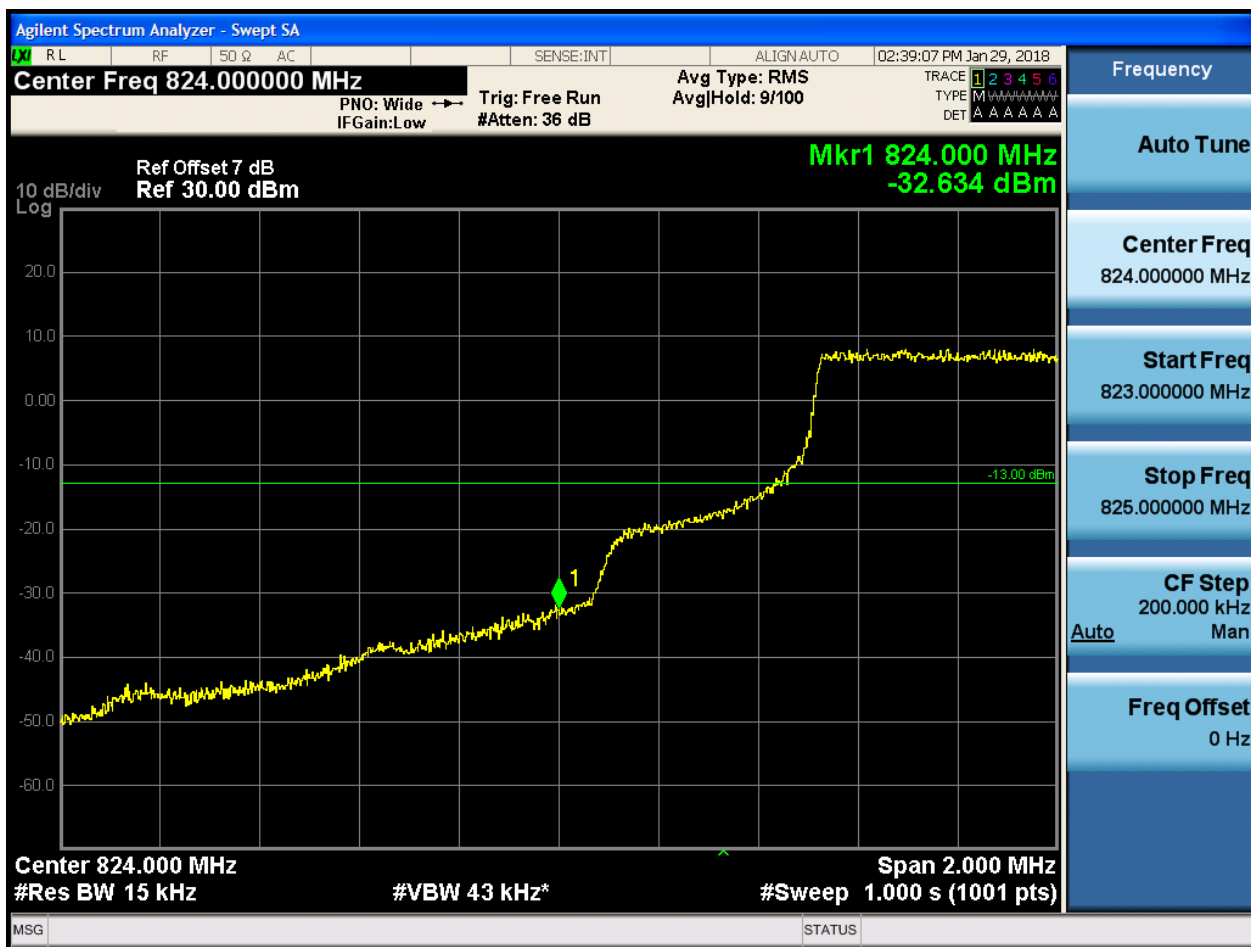


5.1.1.2.1.1.2 Test RB = RB1#5



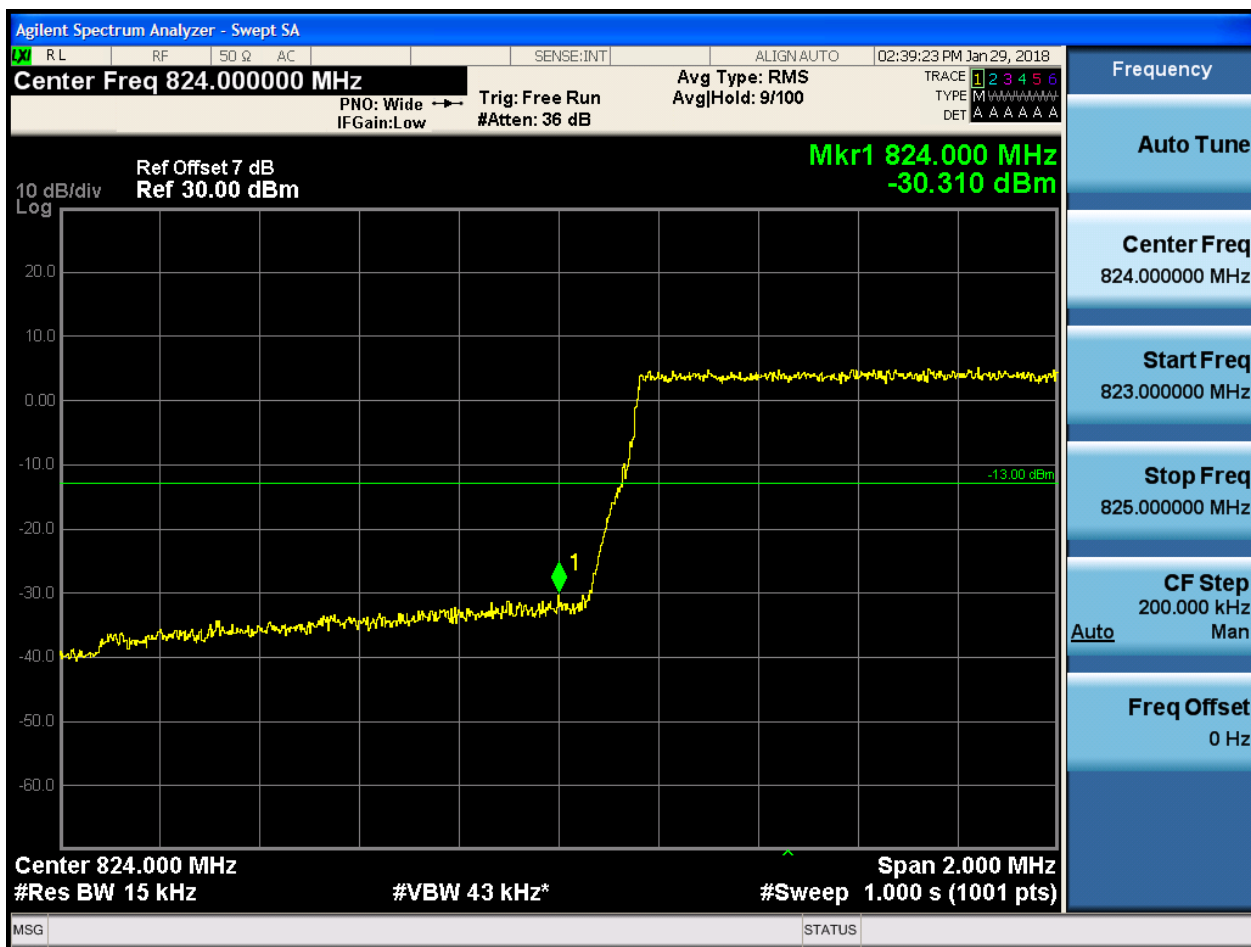


5.1.1.2.1.1.3 Test RB = RB3#2





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





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Center 849.000 MHz
#Res BW 15 kHz
#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Mkr1 849.080 MHz
-33.095 dBm

13.00 dBm

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

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:40:33 PM Jan 29, 2018

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
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 849.100 MHz
-33.049 dBm

10 dB/div
Log

-13.00 dBm

Center 849.000 MHz
#Res BW 15 kHz

#VBW 43 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

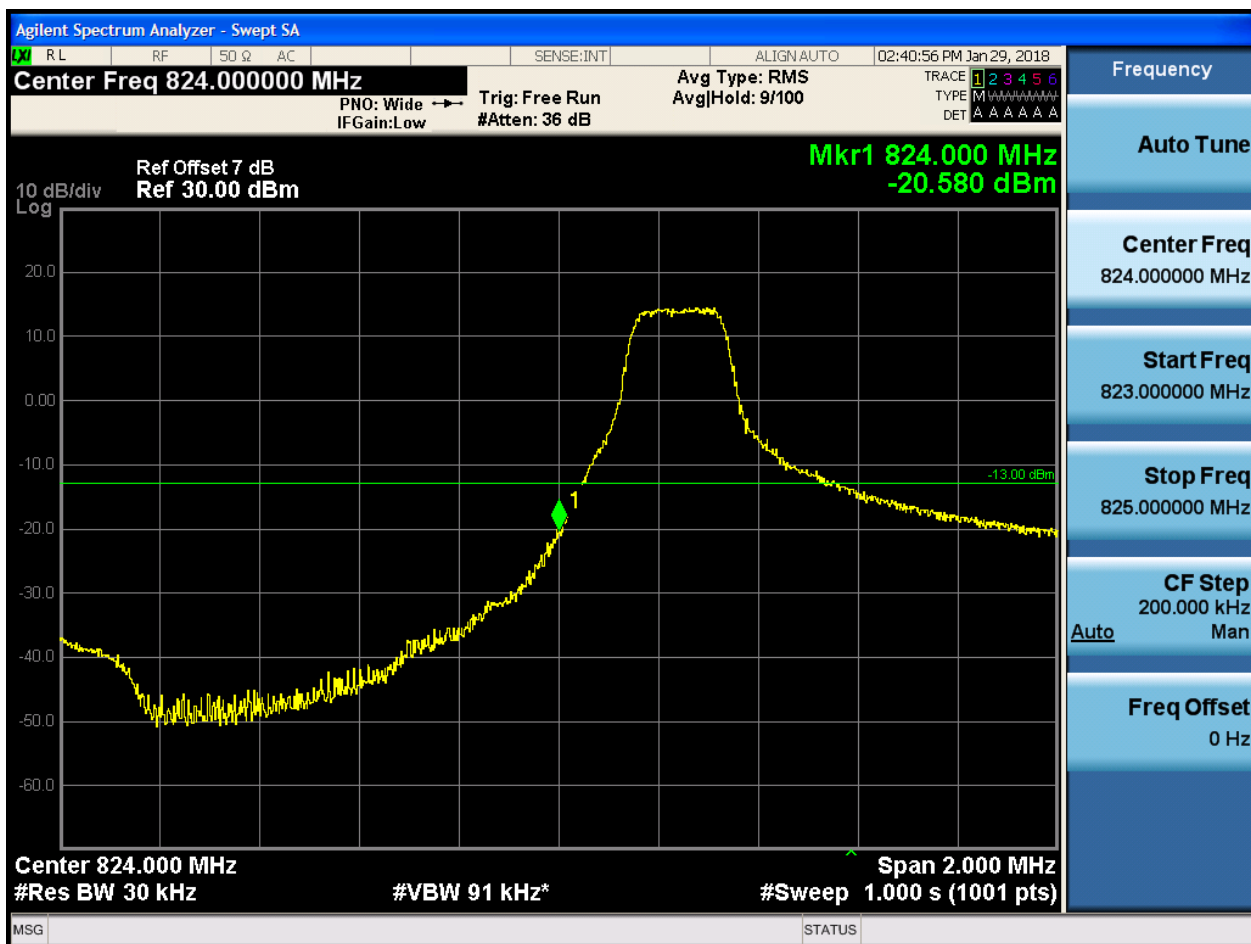
Freq Offset
0 Hz



5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:41:12 PM Jan 29, 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 M W W W W W W W
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 824.000 MHz
-34.870 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



Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 824.000 MHz
-31.829 dBm

Center 824.000 MHz
#Res BW 30 kHz

#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

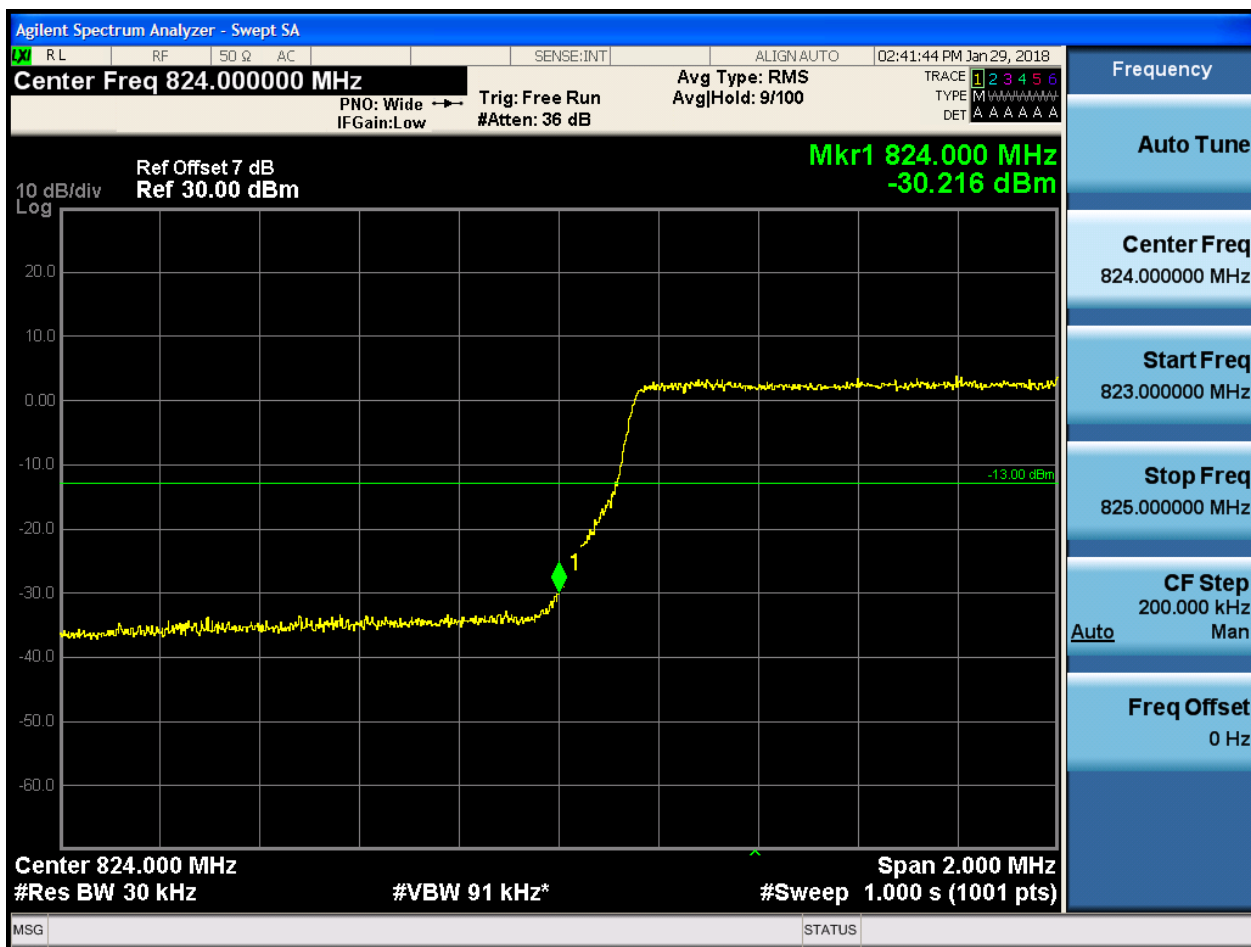
Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Auto

Freq Offset
0 Hz



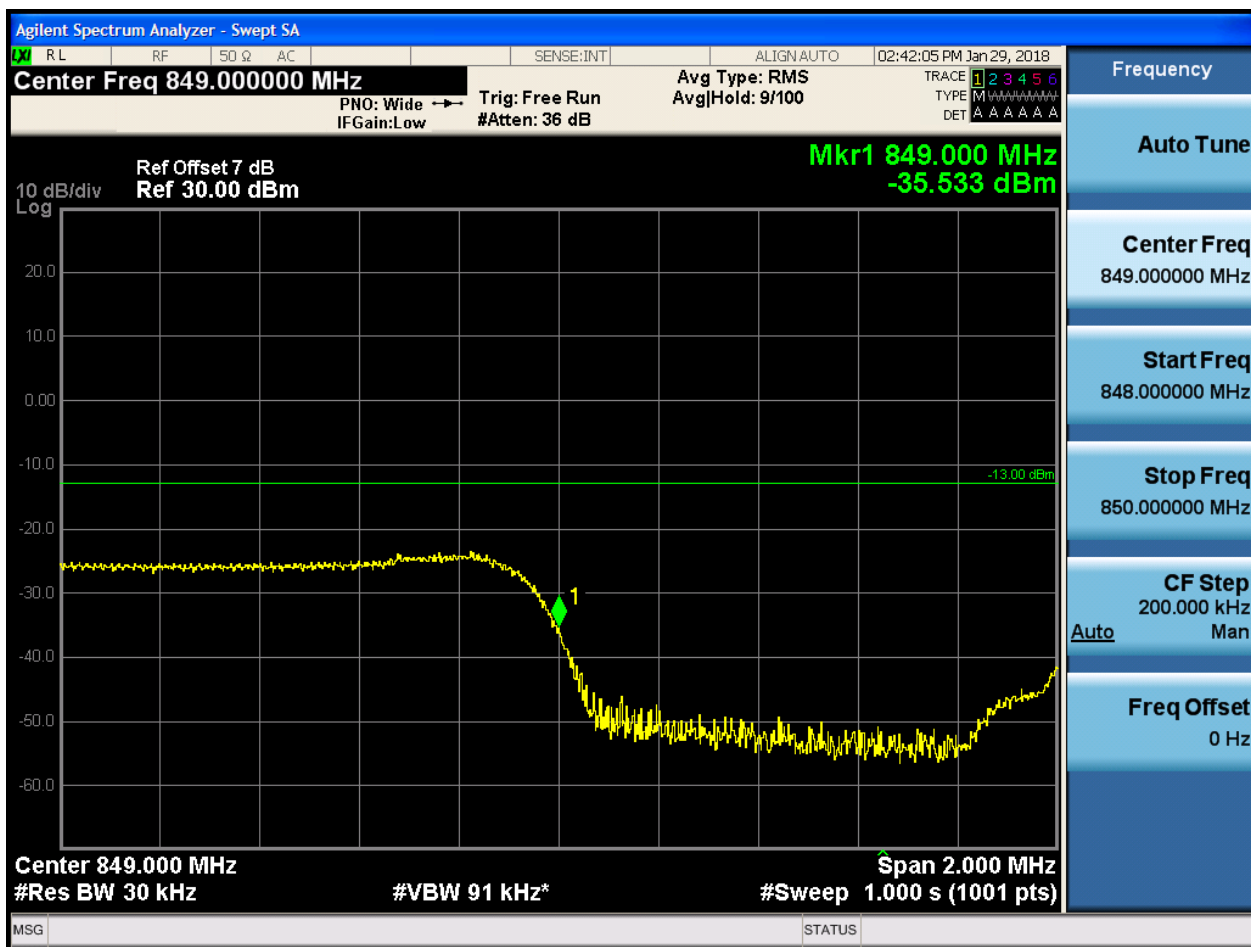
5.1.1.2.2.1.4 Test RB = RB15#0





5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:42:21 PM Jan 29, 2018

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
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-20.808 dBm

10 dB/div
Log

Center 849.000 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
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

5.1.1.2.2.2.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:42:53 PM Jan 29, 2018

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 6/100
#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 7 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-30.989 dBm

10 dB/div
Log

-13.00 dBm

Center 849.000 MHz
#Res BW 30 kHz
#VBW 91 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG Alignment Completed 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

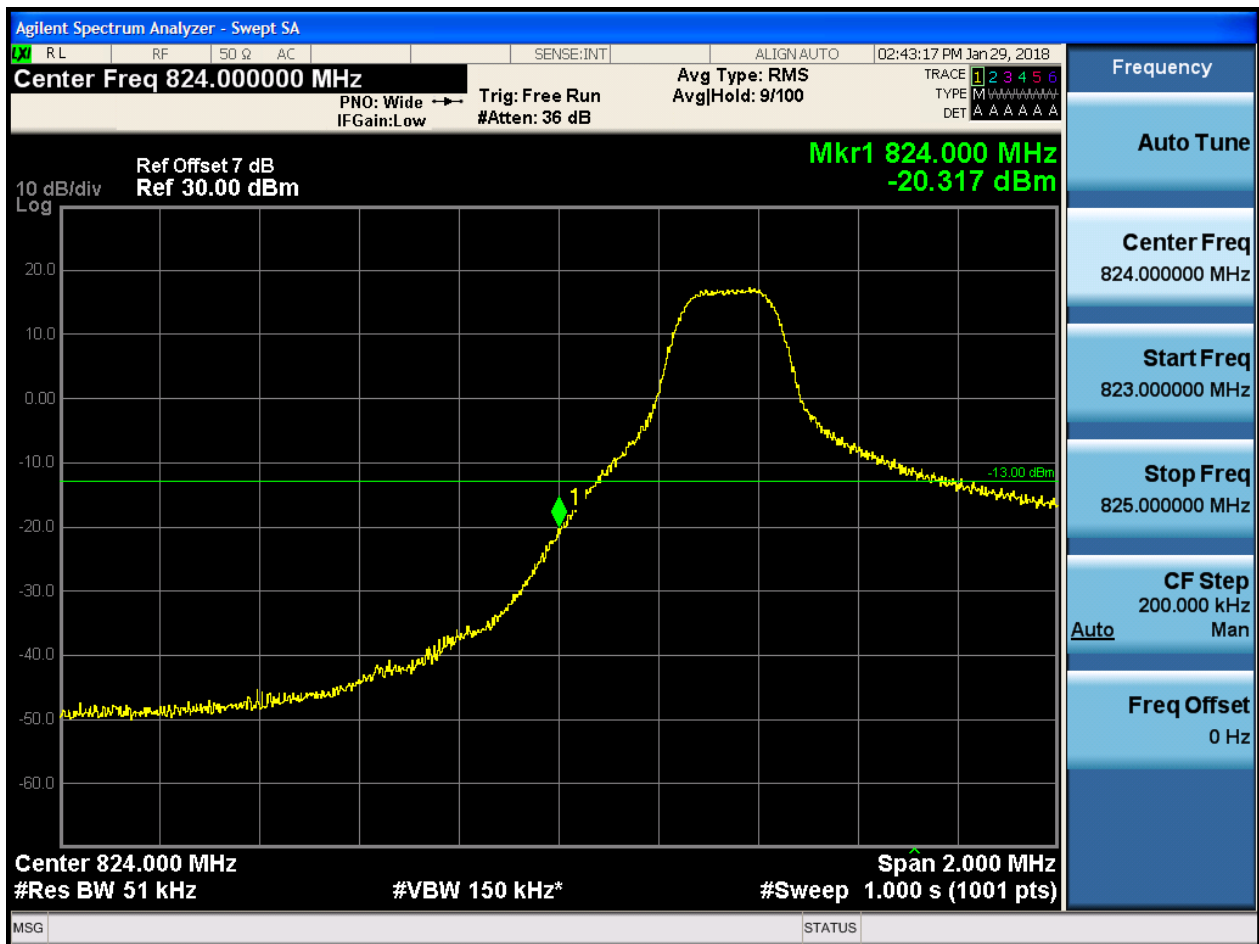
Freq Offset
0 Hz



5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:43:33 PM Jan 29, 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 M W W W W W W W W W
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

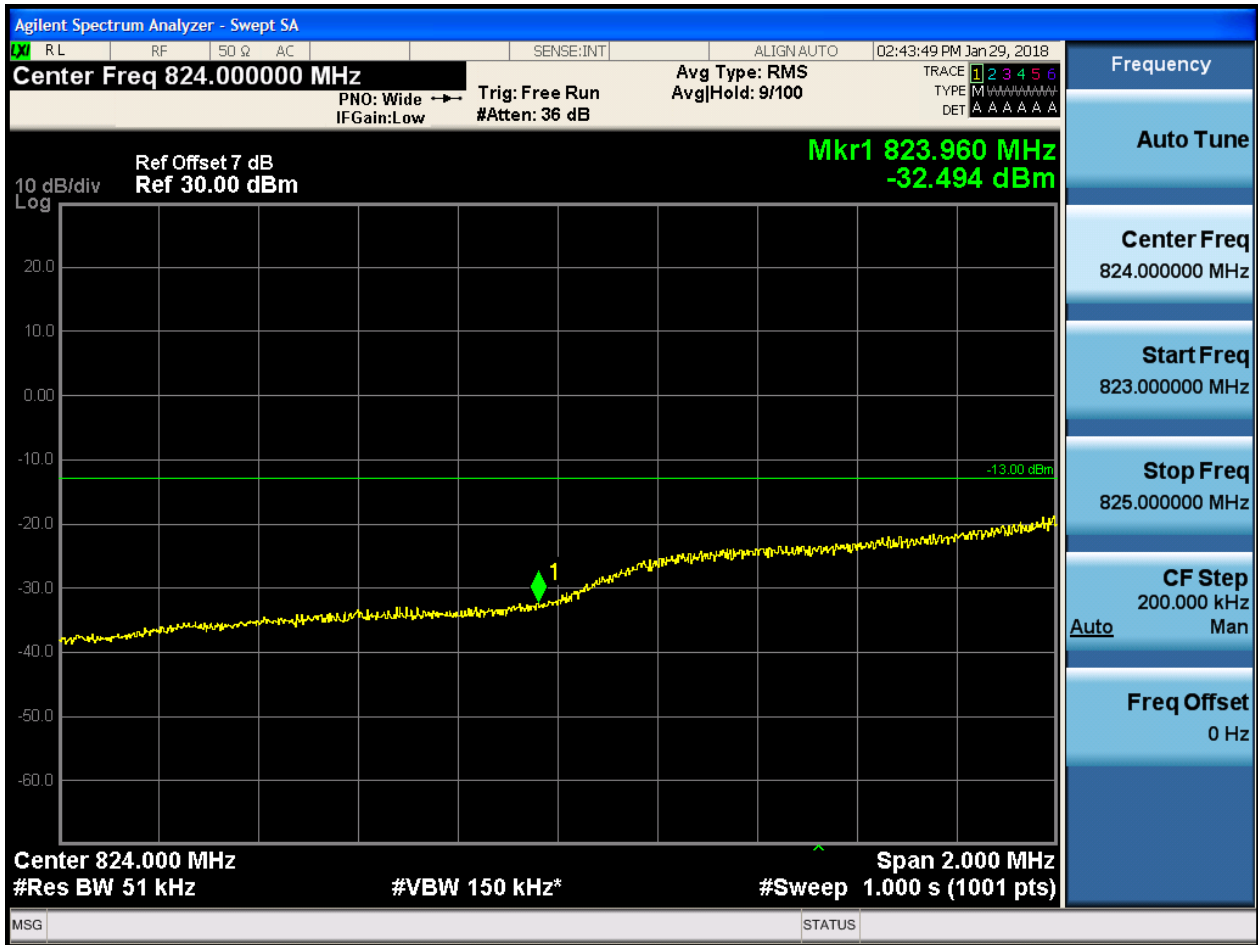
Mkr1 824.000 MHz
-39.982 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 51 kHz
#VBW 150 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

5.1.1.2.3.1.3 Test RB = RB12#6





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:44:05 PM Jan 29, 2018

Center Freq 824.000000 MHz Avg Type: RMS
 PNO: Wide → Trig: Free Run AvgHold: 9/100
 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 7 dB
 Ref 30.00 dBm

**Mkr1 824.000 MHz
 -30.808 dBm**

10 dB/div
 Log

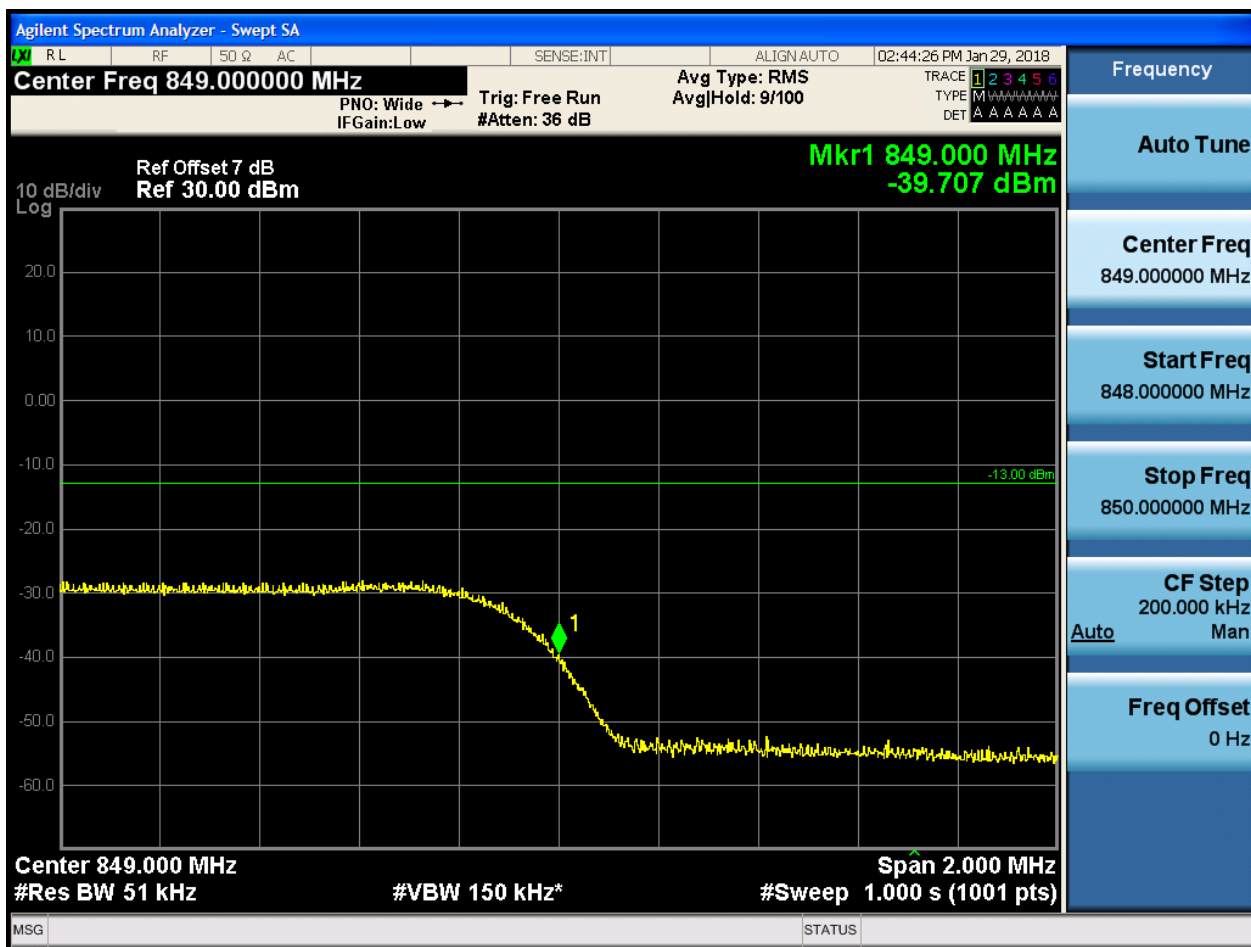
Center 824.000 MHz
 #Res BW 51 kHz
 #VBW 150 kHz*
 Span 2.000 MHz
 #Sweep 1.000 s (1001 pts)

MSG STATUS



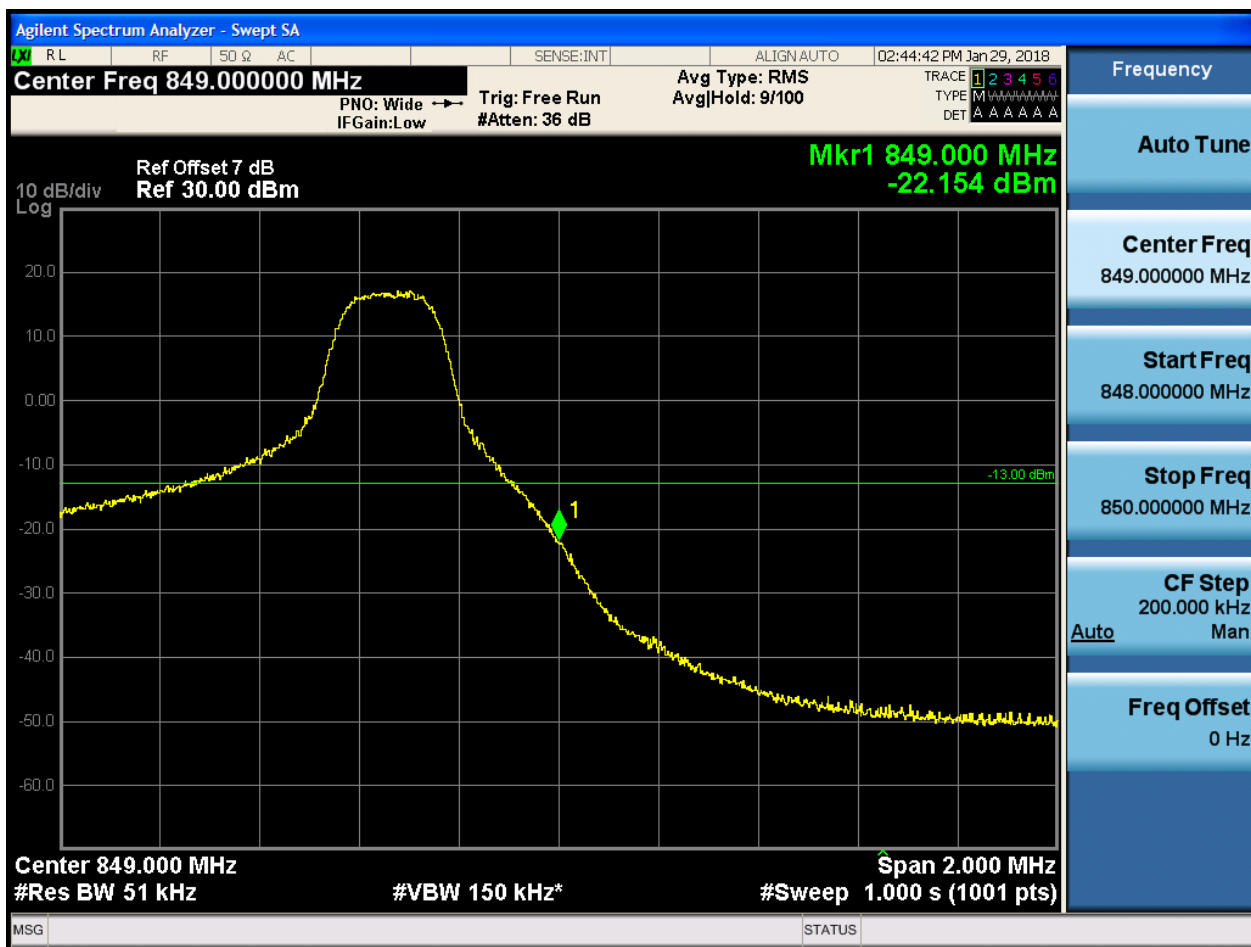
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:44:58 PM Jan 29, 2018

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide Trig: 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 7 dB
Ref 30.00 dBm

Mkr1 849.020 MHz
-33.115 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 Man

Freq Offset
0 Hz

MSG Alignment Completed STATUS



5.1.1.2.3.2.4 Test RB = RB25#0

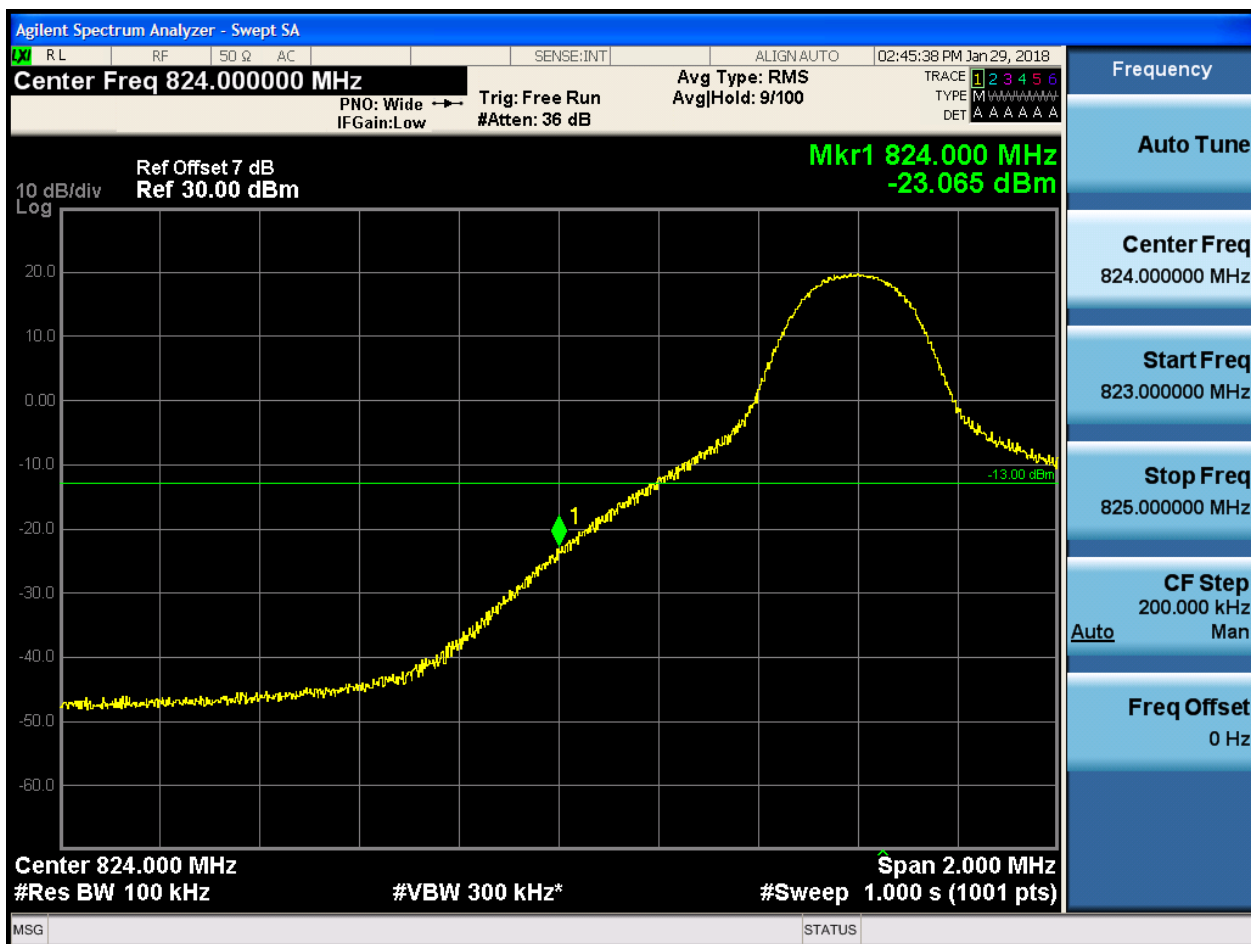




5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:45:54 PM Jan 29, 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 M W W W W W W W
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 824.000 MHz
-42.468 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 100 kHz
#VBW 300 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



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:46:10 PM Jan 29, 2018

Center Freq 824.000000 MHz Avg Type: RMS
PNO: Wide Trg: Free Run AvgHold: 9/100
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 7 dB
Ref 30.00 dBm

Mkr1 823.960 MHz
-33.583 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 100 kHz #VBW 300 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



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:46:26 PM Jan 29, 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 M W W W W W W W
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 823.990 MHz
-32.550 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 100 kHz
#VBW 300 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS



5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0

