



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/TM 1	1.4	LCH	RB1#0	23.11	18.86	38.5	PASS
				RB1#3	23.25	19.00	38.5	PASS
				RB1#5	23.06	18.81	38.5	PASS
				RB3#0	23.11	18.86	38.5	PASS
				RB3#2	23.15	18.90	38.5	PASS
				RB3#3	23.18	18.93	38.5	PASS
				RB6#0	22.23	17.98	38.5	PASS
			MCH	RB1#0	23.09	18.84	38.5	PASS
				RB1#3	23.31	19.06	38.5	PASS
				RB1#5	23.11	18.86	38.5	PASS
				RB3#0	23.15	18.90	38.5	PASS
				RB3#2	23.19	18.94	38.5	PASS
				RB3#3	23.11	18.86	38.5	PASS
				RB6#0	22.14	17.89	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.08	18.83	38.5	PASS
				RB1#3	23.27	19.02	38.5	PASS
				RB1#5	23.07	18.82	38.5	PASS
				RB3#0	23.19	18.94	38.5	PASS
				RB3#2	23.14	18.89	38.5	PASS
				RB3#3	23.25	19.00	38.5	PASS
				RB6#0	22.17	17.92	38.5	PASS
		3	LCH	RB1#0	23.15	18.90	38.5	PASS
				RB1#7	23.24	18.99	38.5	PASS
				RB1#14	23.15	18.90	38.5	PASS
				RB8#0	22.19	17.94	38.5	PASS
				RB8#4	22.16	17.91	38.5	PASS
				RB8#7	22.13	17.88	38.5	PASS
				RB15#0	22.12	17.87	38.5	PASS
			MCH	RB1#0	23.10	18.85	38.5	PASS
				RB1#7	23.23	18.98	38.5	PASS
				RB1#14	23.08	18.83	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.14	17.89	38.5	PASS
				RB8#4	22.16	17.91	38.5	PASS
				RB8#7	22.13	17.88	38.5	PASS
				RB15#0	22.14	17.89	38.5	PASS
			HCH	RB1#0	23.18	18.93	38.5	PASS
				RB1#7	23.25	19.00	38.5	PASS
				RB1#14	23.12	18.87	38.5	PASS
				RB8#0	22.22	17.97	38.5	PASS
				RB8#4	22.22	17.97	38.5	PASS
				RB8#7	22.22	17.97	38.5	PASS
				RB15#0	22.17	17.92	38.5	PASS
		5	LCH	RB1#0	23.05	18.80	38.5	PASS
				RB1#13	23.18	18.93	38.5	PASS
				RB1#24	23.10	18.85	38.5	PASS
				RB12#0	22.16	17.91	38.5	PASS
				RB12#6	22.18	17.93	38.5	PASS
				RB12#1	22.20	17.95	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				3				
				RB25#0	22.17	17.92	38.5	PASS
			MCH	RB1#0	22.97	18.72	38.5	PASS
				RB1#13	23.13	18.88	38.5	PASS
				RB1#24	23.02	18.77	38.5	PASS
				RB12#0	22.11	17.86	38.5	PASS
				RB12#6	22.16	17.91	38.5	PASS
				RB12#13	22.10	17.85	38.5	PASS
				RB25#0	22.09	17.84	38.5	PASS
			HCH	RB1#0	23.01	18.76	38.5	PASS
				RB1#13	23.20	18.95	38.5	PASS
				RB1#24	23.07	18.82	38.5	PASS
				RB12#0	22.15	17.90	38.5	PASS
				RB12#6	22.23	17.98	38.5	PASS
				RB12#13	22.17	17.92	38.5	PASS
				RB25#0	22.17	17.92	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
		10	LCH	RB1#0	23.10	18.85	38.5	PASS
				RB1#25	23.15	18.90	38.5	PASS
				RB1#49	23.08	18.83	38.5	PASS
				RB25#0	22.15	17.90	38.5	PASS
				RB25#13	22.21	17.96	38.5	PASS
				RB25#25	22.26	18.01	38.5	PASS
				RB50#0	22.19	17.94	38.5	PASS
			MCH	RB1#0	23.08	18.83	38.5	PASS
				RB1#25	23.22	18.97	38.5	PASS
				RB1#49	23.07	18.82	38.5	PASS
				RB25#0	22.13	17.88	38.5	PASS
				RB25#13	22.14	17.89	38.5	PASS
				RB25#25	22.14	17.89	38.5	PASS
				RB50#0	22.09	17.84	38.5	PASS
			HCH	RB1#0	23.05	18.80	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	23.27	19.02	38.5	PASS
				RB1#49	23.17	18.92	38.5	PASS
				RB25#0	22.22	17.97	38.5	PASS
				RB25#13	22.22	17.97	38.5	PASS
				RB25#25	22.20	17.95	38.5	PASS
				RB50#0	22.21	17.96	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.20	17.95	38.5	PASS
				RB1#3	22.28	18.03	38.5	PASS
				RB1#5	22.17	17.92	38.5	PASS
				RB3#0	22.36	18.11	38.5	PASS
				RB3#2	22.35	18.10	38.5	PASS
				RB3#3	22.35	18.10	38.5	PASS
				RB6#0	21.31	17.06	38.5	PASS
			MCH	RB1#0	22.42	18.17	38.5	PASS
				RB1#3	22.63	18.38	38.5	PASS
				RB1#5	22.42	18.17	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB3#0	22.32	18.07	38.5	PASS
				RB3#2	22.33	18.08	38.5	PASS
				RB3#3	22.34	18.09	38.5	PASS
				RB6#0	21.03	16.78	38.5	PASS
			HCH	RB1#0	22.24	17.99	38.5	PASS
				RB1#3	22.41	18.16	38.5	PASS
				RB1#5	22.25	18.00	38.5	PASS
				RB3#0	22.31	18.06	38.5	PASS
				RB3#2	22.24	17.99	38.5	PASS
				RB3#3	22.24	17.99	38.5	PASS
				RB6#0	21.34	17.09	38.5	PASS
		3	LCH	RB1#0	22.48	18.23	38.5	PASS
				RB1#7	22.65	18.40	38.5	PASS
				RB1#14	22.57	18.32	38.5	PASS
				RB8#0	21.26	17.01	38.5	PASS
				RB8#4	21.26	17.01	38.5	PASS
				RB8#7	21.20	16.95	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.18	16.93	38.5	PASS
				RB1#0	22.02	17.77	38.5	PASS
			MCH	RB1#7	22.18	17.93	38.5	PASS
				RB1#14	22.02	17.77	38.5	PASS
				RB8#0	21.24	16.99	38.5	PASS
				RB8#4	21.26	17.01	38.5	PASS
				RB8#7	21.23	16.98	38.5	PASS
				RB15#0	21.14	16.89	38.5	PASS
			HCH	RB1#0	22.24	17.99	38.5	PASS
				RB1#7	22.34	18.09	38.5	PASS
				RB1#14	22.17	17.92	38.5	PASS
				RB8#0	21.26	17.01	38.5	PASS
				RB8#4	21.27	17.02	38.5	PASS
				RB8#7	21.22	16.97	38.5	PASS
				RB15#0	21.16	16.91	38.5	PASS
		5	LCH	RB1#0	22.54	18.29	38.5	PASS
				RB1#13	22.75	18.50	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.63	18.38	38.5	PASS
				RB12#0	21.27	17.02	38.5	PASS
				RB12#6	21.31	17.06	38.5	PASS
				RB12#13	21.33	17.08	38.5	PASS
				RB25#0	21.23	16.98	38.5	PASS
			MCH	RB1#0	22.19	17.94	38.5	PASS
				RB1#13	22.32	18.07	38.5	PASS
				RB1#24	22.21	17.96	38.5	PASS
				RB12#0	21.14	16.89	38.5	PASS
				RB12#6	21.22	16.97	38.5	PASS
				RB12#13	21.12	16.87	38.5	PASS
				RB25#0	21.08	16.83	38.5	PASS
			HCH	RB1#0	22.21	17.96	38.5	PASS
				RB1#13	22.39	18.14	38.5	PASS
				RB1#24	22.26	18.01	38.5	PASS
				RB12#0	21.19	16.94	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#6	21.26	17.01	38.5	PASS
				RB12#13	21.22	16.97	38.5	PASS
				RB25#0	21.12	16.87	38.5	PASS
		10	LCH	RB1#0	22.46	18.21	38.5	PASS
				RB1#25	22.70	18.45	38.5	PASS
				RB1#49	22.51	18.26	38.5	PASS
				RB25#0	21.14	16.89	38.5	PASS
				RB25#13	21.25	17.00	38.5	PASS
				RB25#25	21.30	17.05	38.5	PASS
				RB50#0	21.21	16.96	38.5	PASS
			MCH	RB1#0	22.07	17.82	38.5	PASS
				RB1#25	22.20	17.95	38.5	PASS
				RB1#49	22.04	17.79	38.5	PASS
				RB25#0	21.17	16.92	38.5	PASS
				RB25#13	21.14	16.89	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.14	16.89	38.5	PASS
				RB50#0	21.09	16.84	38.5	PASS
			HCH	RB1#0	22.11	17.86	38.5	PASS
				RB1#25	22.36	18.11	38.5	PASS
				RB1#49	22.20	17.95	38.5	PASS
				RB25#0	21.29	17.04	38.5	PASS
				RB25#13	21.27	17.02	38.5	PASS
				RB25#25	21.27	17.02	38.5	PASS
				RB50#0	21.21	16.96	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:

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

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



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	4.45	13	PASS
				RB1#5	4.63	13	PASS
				RB3#0	4.41	13	PASS
				RB3#2	4.33	13	PASS
				RB3#3	4.48	13	PASS
				RB6#0	5.49	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#3	4.66	13	PASS
				RB1#5	4.72	13	PASS
				RB3#0	4.91	13	PASS
				RB3#2	4.71	13	PASS
				RB3#3	4.80	13	PASS
				RB6#0	6.11	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#3	4.49	13	PASS
				RB1#5	4.51	13	PASS
				RB3#0	5.33	13	PASS
				RB3#2	5.16	13	PASS
				RB3#3	5.18	13	PASS
				RB6#0	6.20	13	PASS
		3	LCH	RB1#0	4.46	13	PASS
				RB1#7	4.55	13	PASS
				RB1#14	4.83	13	PASS
				RB8#0	5.33	13	PASS
				RB8#4	5.31	13	PASS
				RB8#7	5.65	13	PASS
				RB15#0	5.84	13	PASS
			MCH	RB1#0	4.40	13	PASS
				RB1#7	4.19	13	PASS
				RB1#14	4.21	13	PASS
				RB8#0	5.73	13	PASS
				RB8#4	5.72	13	PASS
				RB8#7	5.55	13	PASS
				RB15#0	5.57	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.66	13	PASS
				RB1#7	4.56	13	PASS
				RB1#14	4.48	13	PASS
				RB8#0	6.18	13	PASS
				RB8#4	6.01	13	PASS
				RB8#7	5.93	13	PASS
				RB15#0	6.18	13	PASS
		5	LCH	RB1#0	4.56	13	PASS
				RB1#13	4.78	13	PASS
				RB1#24	5.04	13	PASS
				RB12#0	5.69	13	PASS
				RB12#6	5.69	13	PASS
				RB12#13	5.91	13	PASS
				RB25#0	5.76	13	PASS
			MCH	RB1#0	5.16	13	PASS
				RB1#13	4.71	13	PASS
				RB1#24	4.70	13	PASS
				RB12#0	5.61	13	PASS
				RB12#6	5.40	13	PASS
				RB12#13	5.50	13	PASS
				RB25#0	5.50	13	PASS
			HCH	RB1#0	4.80	13	PASS
				RB1#13	4.90	13	PASS
				RB1#24	4.75	13	PASS
				RB12#0	5.87	13	PASS
				RB12#6	6.02	13	PASS
				RB12#13	5.89	13	PASS
				RB25#0	6.20	13	PASS
		10	LCH	RB1#0	4.57	13	PASS
				RB1#25	4.96	13	PASS
				RB1#49	4.95	13	PASS
				RB25#0	6.04	13	PASS
				RB25#13	6.14	13	PASS
				RB25#25	6.07	13	PASS
				RB50#0	6.25	13	PASS
			MCH	RB1#0	4.74	13	PASS
				RB1#25	4.18	13	PASS
				RB1#49	4.27	13	PASS
				RB25#0	5.80	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.52	13	PASS
				RB25#25	5.56	13	PASS
				RB50#0	6.17	13	PASS
			HCH	RB1#0	4.15	13	PASS
				RB1#25	4.43	13	PASS
				RB1#49	4.59	13	PASS
				RB25#0	5.74	13	PASS
				RB25#13	6.12	13	PASS
				RB25#25	6.12	13	PASS
				RB50#0	6.19	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.11	13	PASS
				RB1#3	5.07	13	PASS
				RB1#5	5.20	13	PASS
				RB3#0	5.61	13	PASS
				RB3#2	5.59	13	PASS
				RB3#3	5.68	13	PASS
				RB6#0	6.40	13	PASS
			MCH	RB1#0	5.43	13	PASS
				RB1#3	5.16	13	PASS
				RB1#5	5.31	13	PASS
				RB3#0	5.85	13	PASS
				RB3#2	5.68	13	PASS
				RB3#3	5.78	13	PASS
				RB6#0	6.30	13	PASS
		3	HCH	RB1#0	5.63	13	PASS
				RB1#3	5.54	13	PASS
				RB1#5	5.51	13	PASS
				RB3#0	6.03	13	PASS
				RB3#2	5.89	13	PASS
				RB3#3	5.96	13	PASS
				RB6#0	6.39	13	PASS
			LCH	RB1#0	5.07	13	PASS
				RB1#7	5.13	13	PASS
				RB1#14	5.36	13	PASS
				RB8#0	6.48	13	PASS
				RB8#4	6.40	13	PASS
				RB8#7	6.71	13	PASS
				RB15#0	6.11	13	PASS
			MCH	RB1#0	5.76	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	5.56	13	PASS
				RB1#14	5.55	13	PASS
				RB8#0	6.12	13	PASS
				RB8#4	6.28	13	PASS
				RB8#7	6.08	13	PASS
				RB15#0	6.84	13	PASS
			HCH	RB1#0	5.65	13	PASS
				RB1#7	5.61	13	PASS
				RB1#14	5.54	13	PASS
				RB8#0	6.44	13	PASS
				RB8#4	6.41	13	PASS
				RB8#7	6.26	13	PASS
				RB15#0	6.50	13	PASS
		5	LCH	RB1#0	4.53	13	PASS
				RB1#13	4.70	13	PASS
				RB1#24	4.88	13	PASS
				RB12#0	6.25	13	PASS
				RB12#6	6.26	13	PASS
				RB12#13	6.48	13	PASS
				RB25#0	6.95	13	PASS
			MCH	RB1#0	5.76	13	PASS
				RB1#13	5.36	13	PASS
				RB1#24	5.35	13	PASS
				RB12#0	6.60	13	PASS
				RB12#6	6.29	13	PASS
				RB12#13	6.34	13	PASS
				RB25#0	6.77	13	PASS
			HCH	RB1#0	5.65	13	PASS
				RB1#13	5.74	13	PASS
				RB1#24	5.63	13	PASS
				RB12#0	6.56	13	PASS
				RB12#6	6.52	13	PASS
				RB12#13	6.60	13	PASS
				RB25#0	7.61	13	PASS
		10	LCH	RB1#0	5.14	13	PASS
				RB1#25	5.52	13	PASS
				RB1#49	5.57	13	PASS
				RB25#0	6.82	13	PASS
				RB25#13	6.92	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.90	13	PASS
				RB50#0	7.23	13	PASS
			MCH	RB1#0	6.16	13	PASS
				RB1#25	5.52	13	PASS
				RB1#49	5.56	13	PASS
				RB25#0	7.25	13	PASS
				RB25#13	6.81	13	PASS
				RB25#25	6.74	13	PASS
				RB50#0	7.17	13	PASS
			HCH	RB1#0	5.22	13	PASS
				RB1#25	5.47	13	PASS
				RB1#49	5.63	13	PASS
				RB25#0	6.76	13	PASS
				RB25#13	7.05	13	PASS
				RB25#25	7.30	13	PASS
				RB50#0	7.05	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

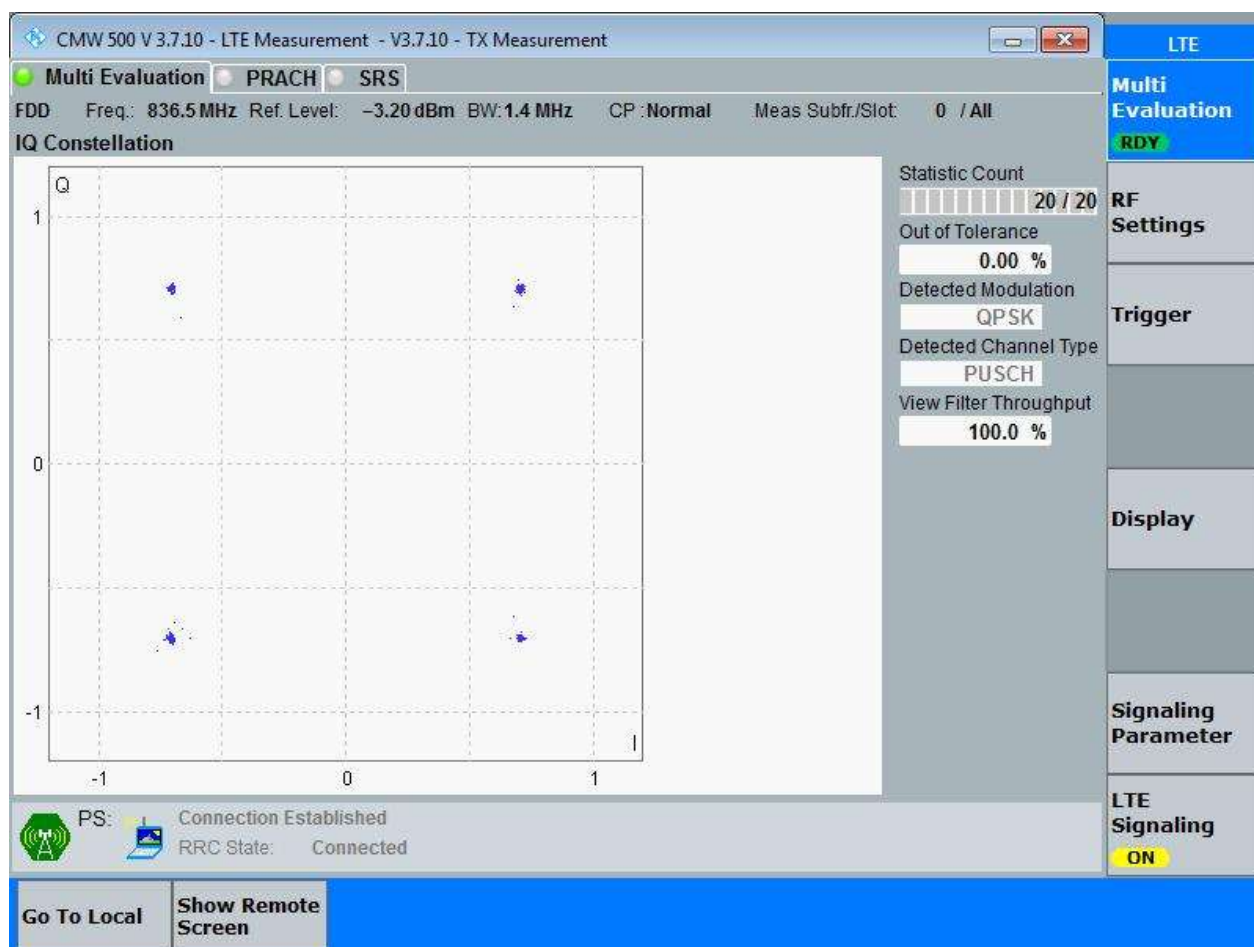
3.1.1 Test Band = Band5

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

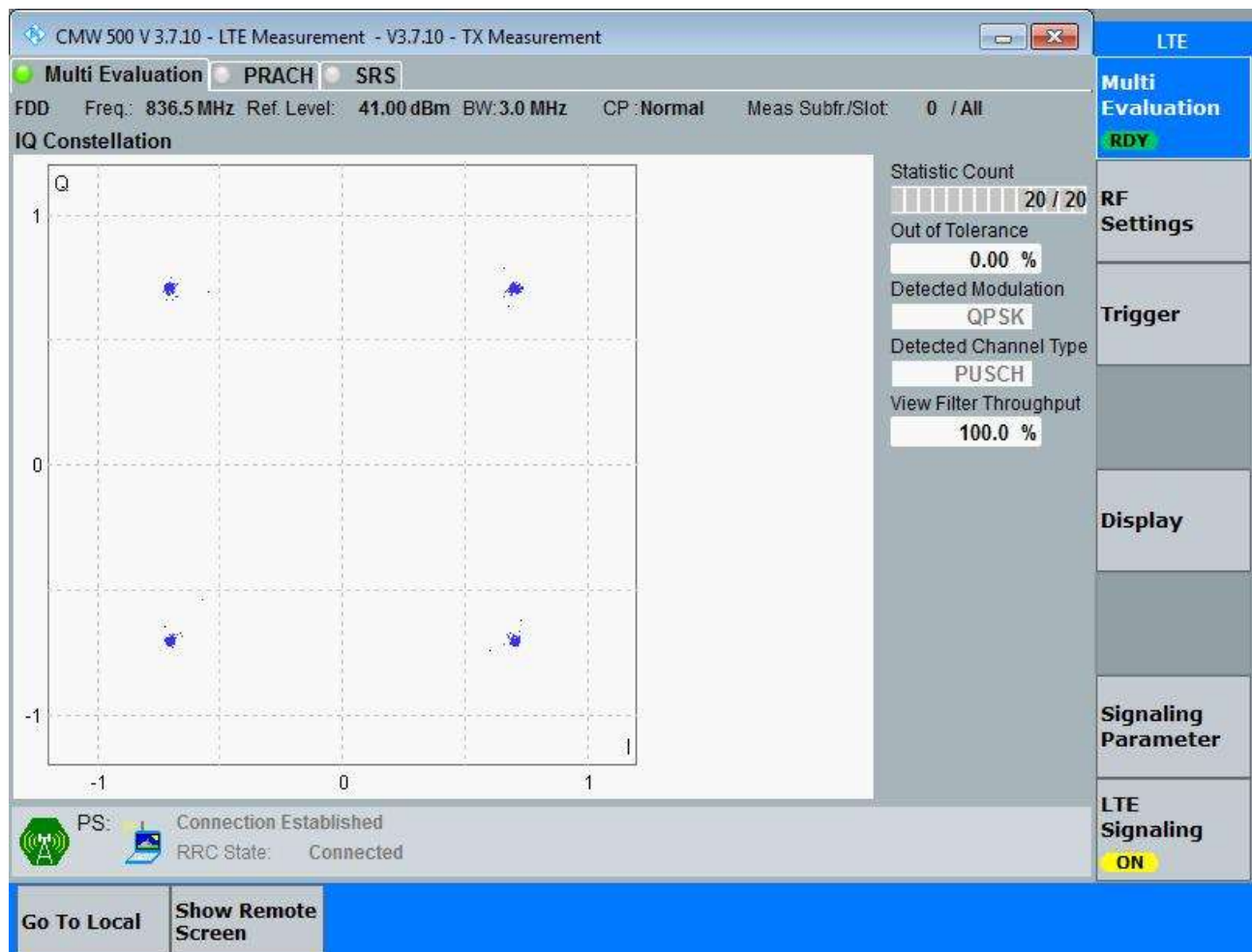
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

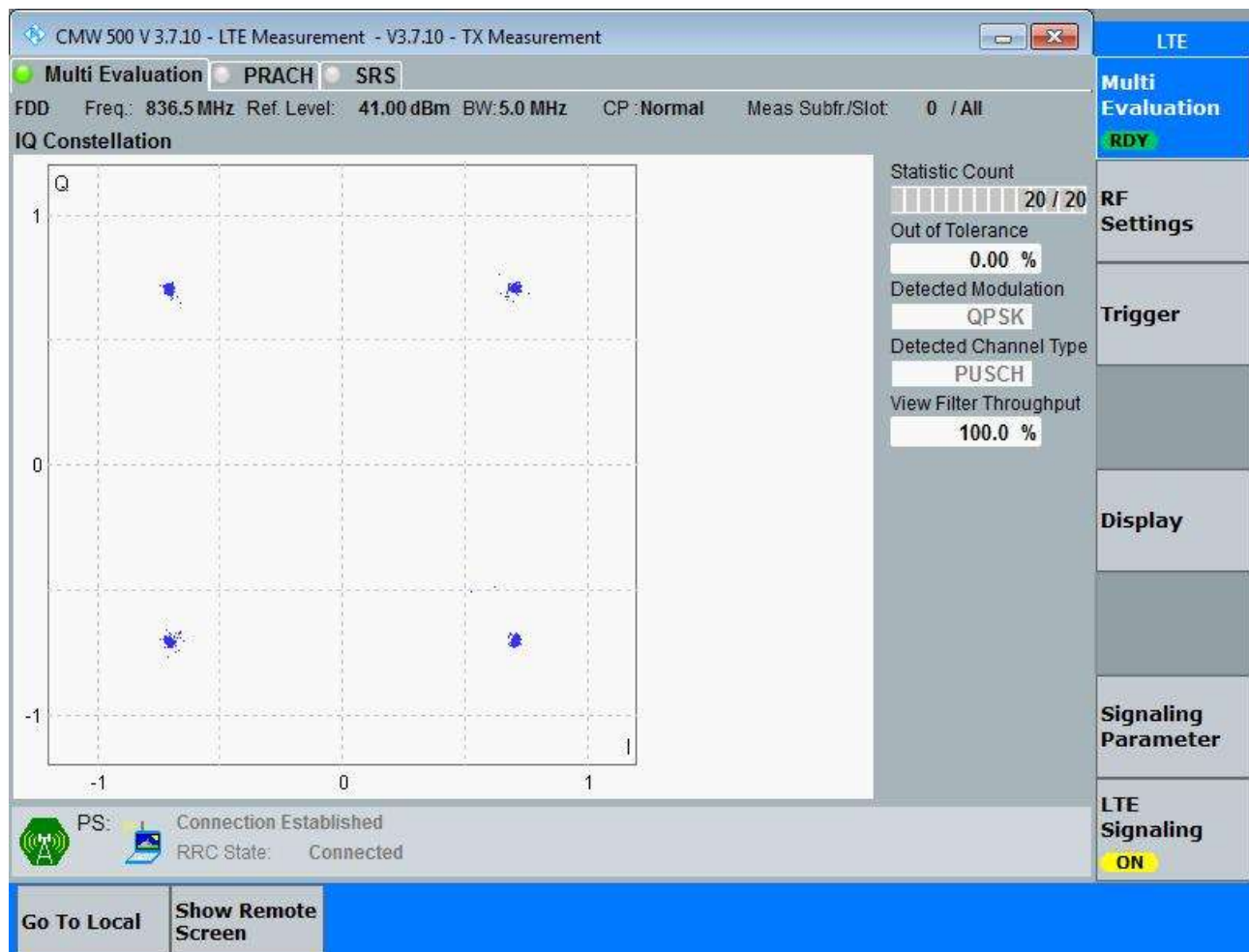
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

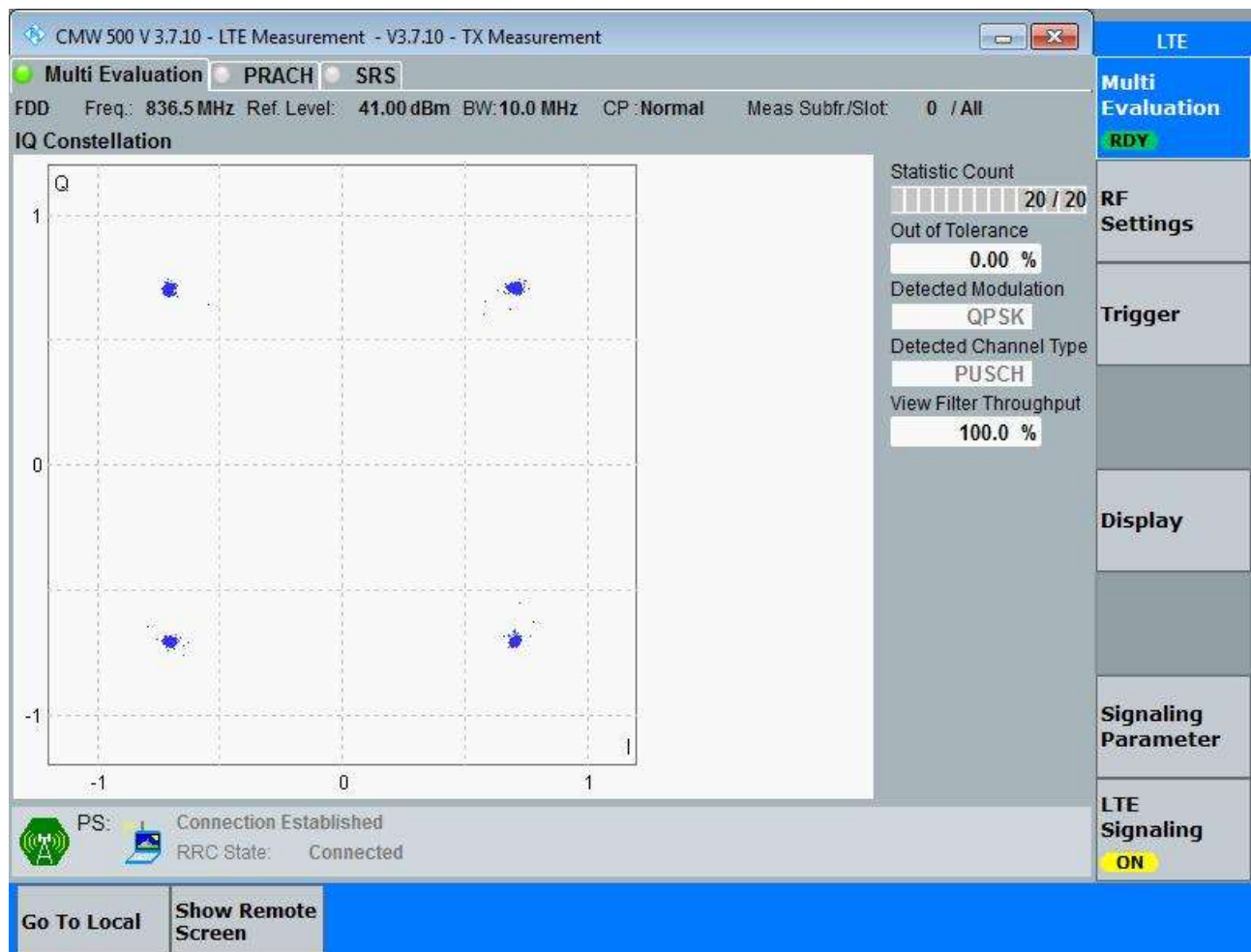
3.1.1.1.3.1.1 Test RB = RB25#0



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

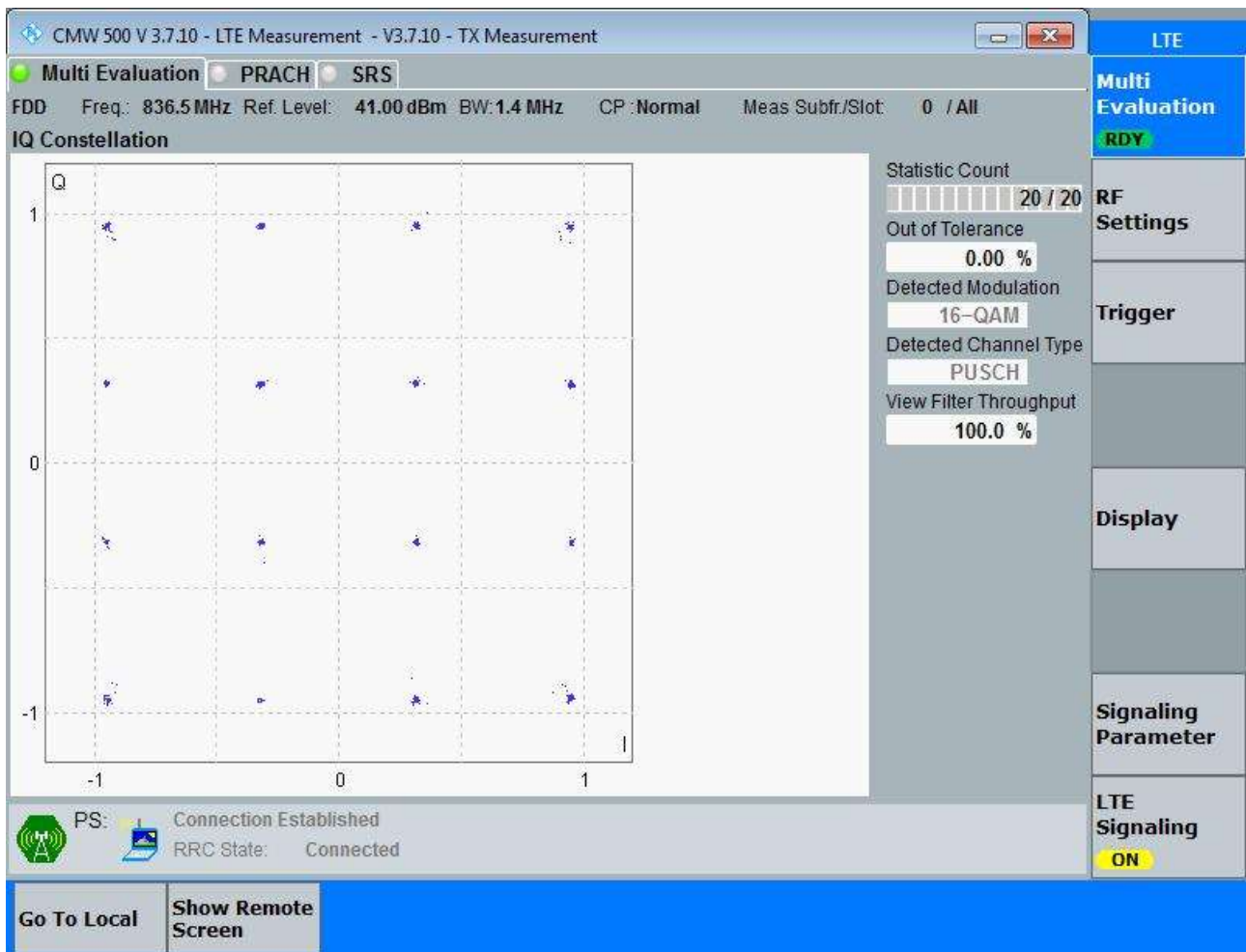


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

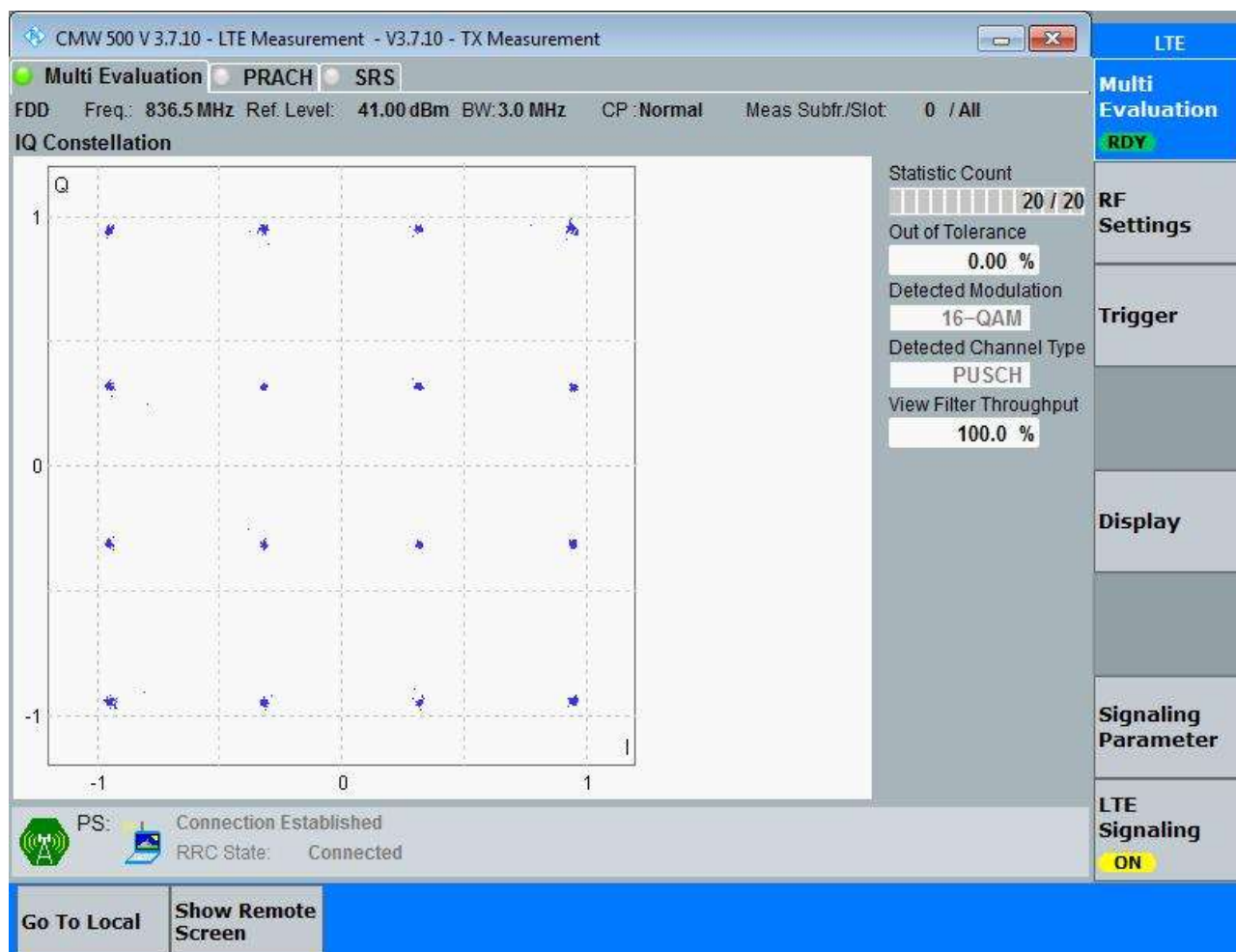
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

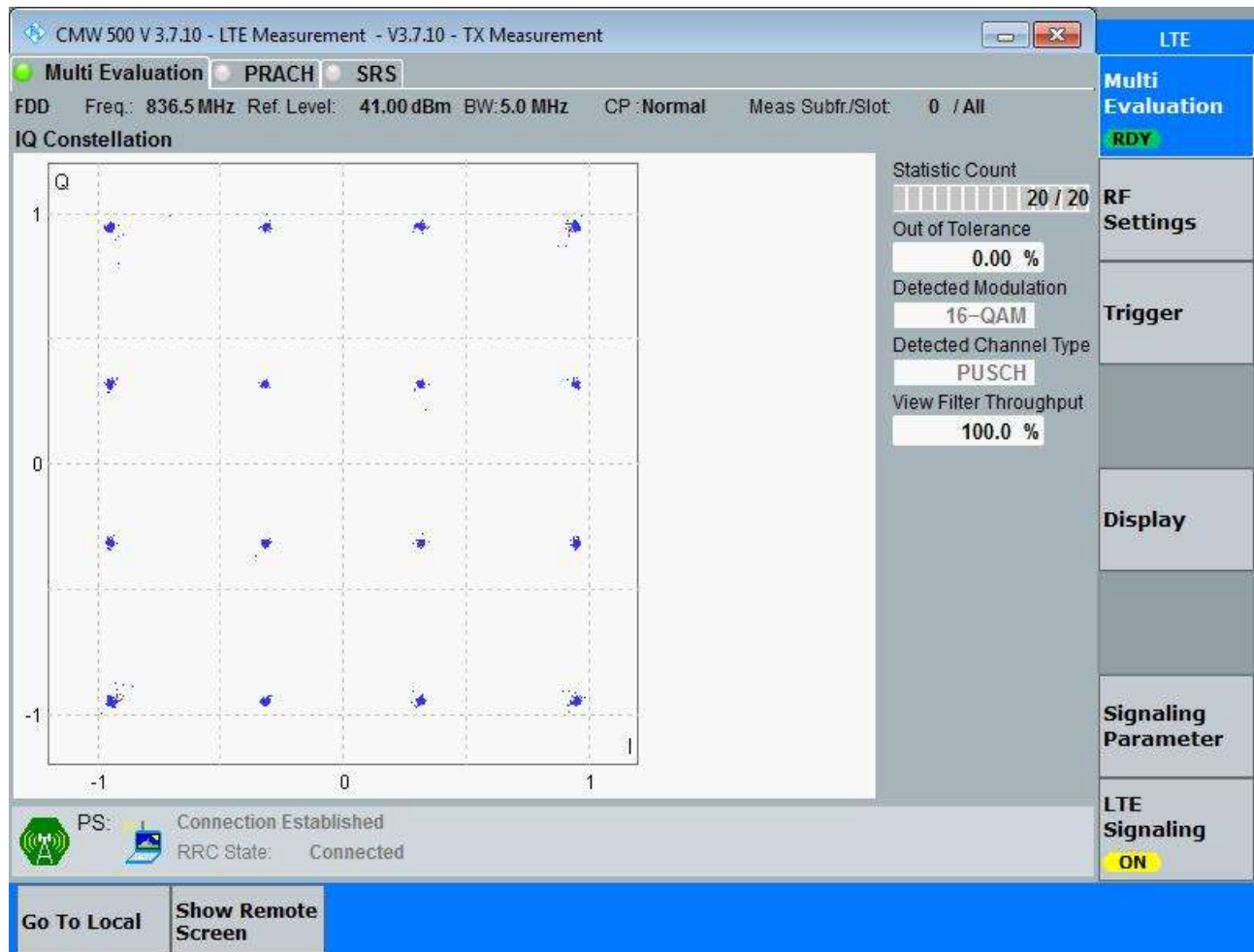
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

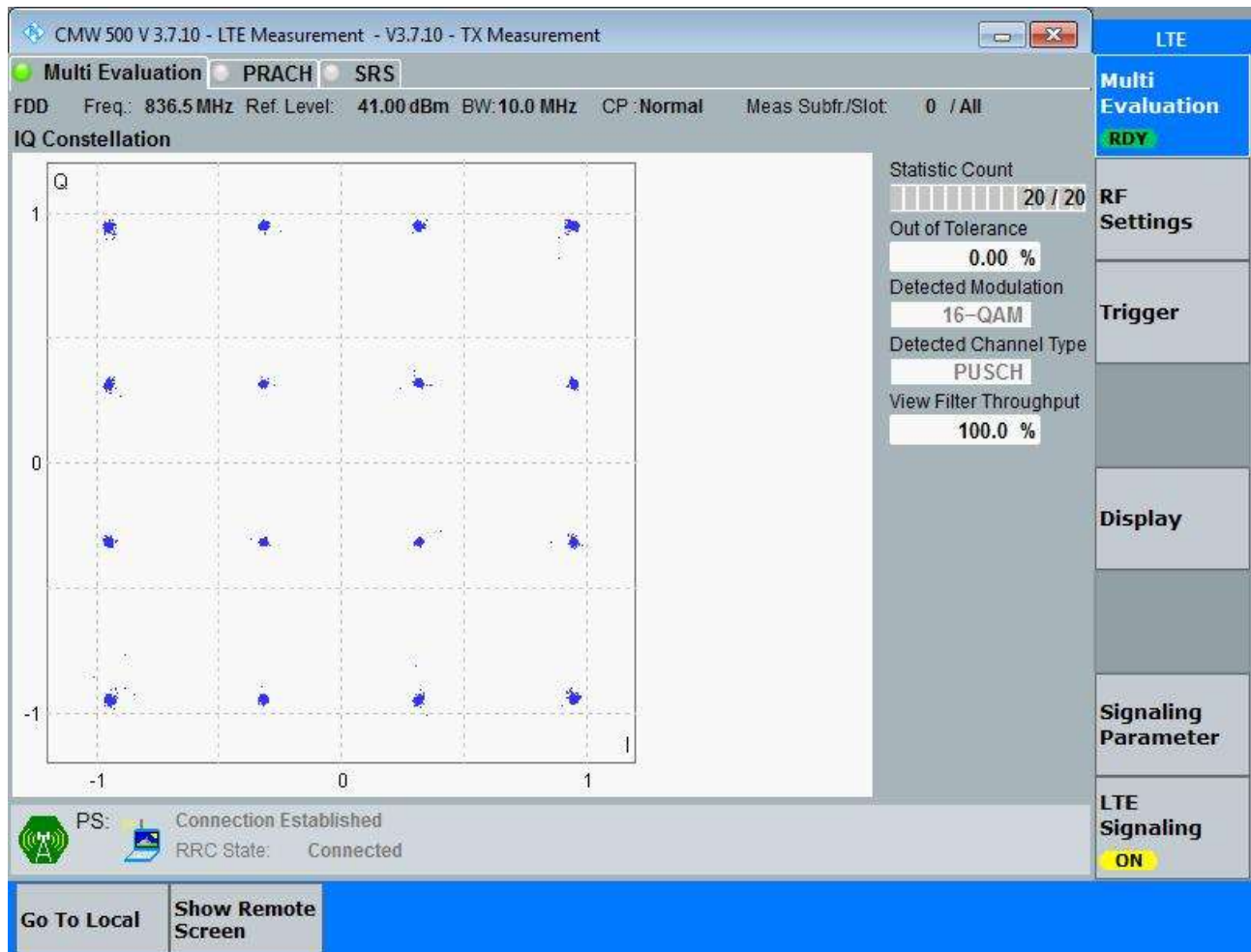
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.10	1.31	Pass
			MCH	RB6#0	1.10	1.31	Pass
			HCH	RB6#0	1.09	1.30	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.69	2.98	Pass
			HCH	RB15#0	2.69	2.91	Pass
		5	LCH	RB25#0	4.51	4.92	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.51	4.87	Pass
		10	LCH	RB50#0	8.97	9.72	Pass
			MCH	RB50#0	8.98	9.83	Pass
			HCH	RB50#0	9.01	9.76	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.33	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.10	1.30	Pass
		3	LCH	RB15#0	2.69	3.51	Pass
			MCH	RB15#0	2.69	2.93	Pass
			HCH	RB15#0	2.69	2.92	Pass
		5	LCH	RB25#0	4.50	4.89	Pass
			MCH	RB25#0	4.49	4.88	Pass
			HCH	RB25#0	4.49	4.87	Pass
		10	LCH	RB50#0	8.98	9.75	Pass
			MCH	RB50#0	8.99	9.77	Pass
			HCH	RB50#0	9.01	9.78	Pass

Part II - Test Plots

4.1 For LTE

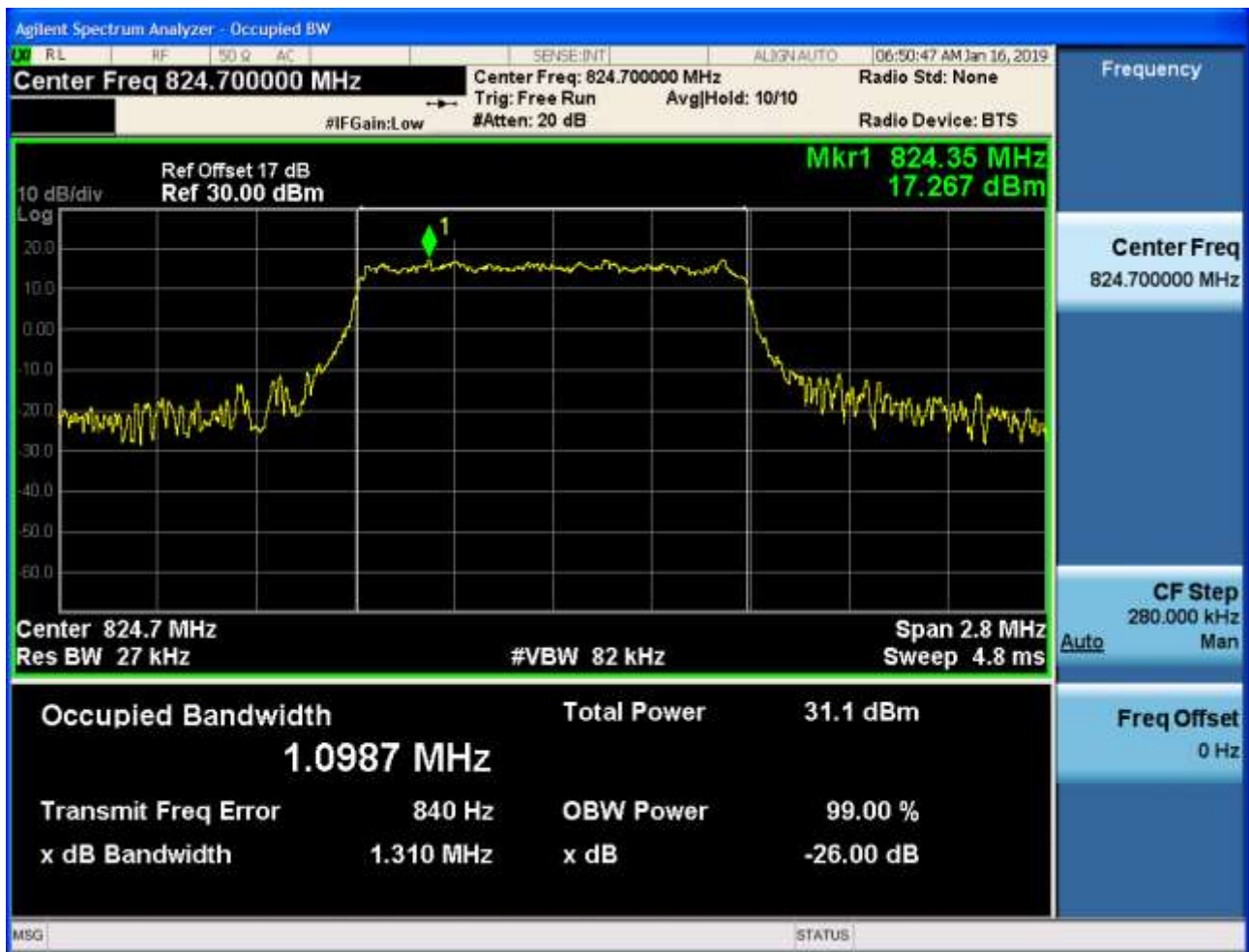
4.1.1 Test Band = Band5

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

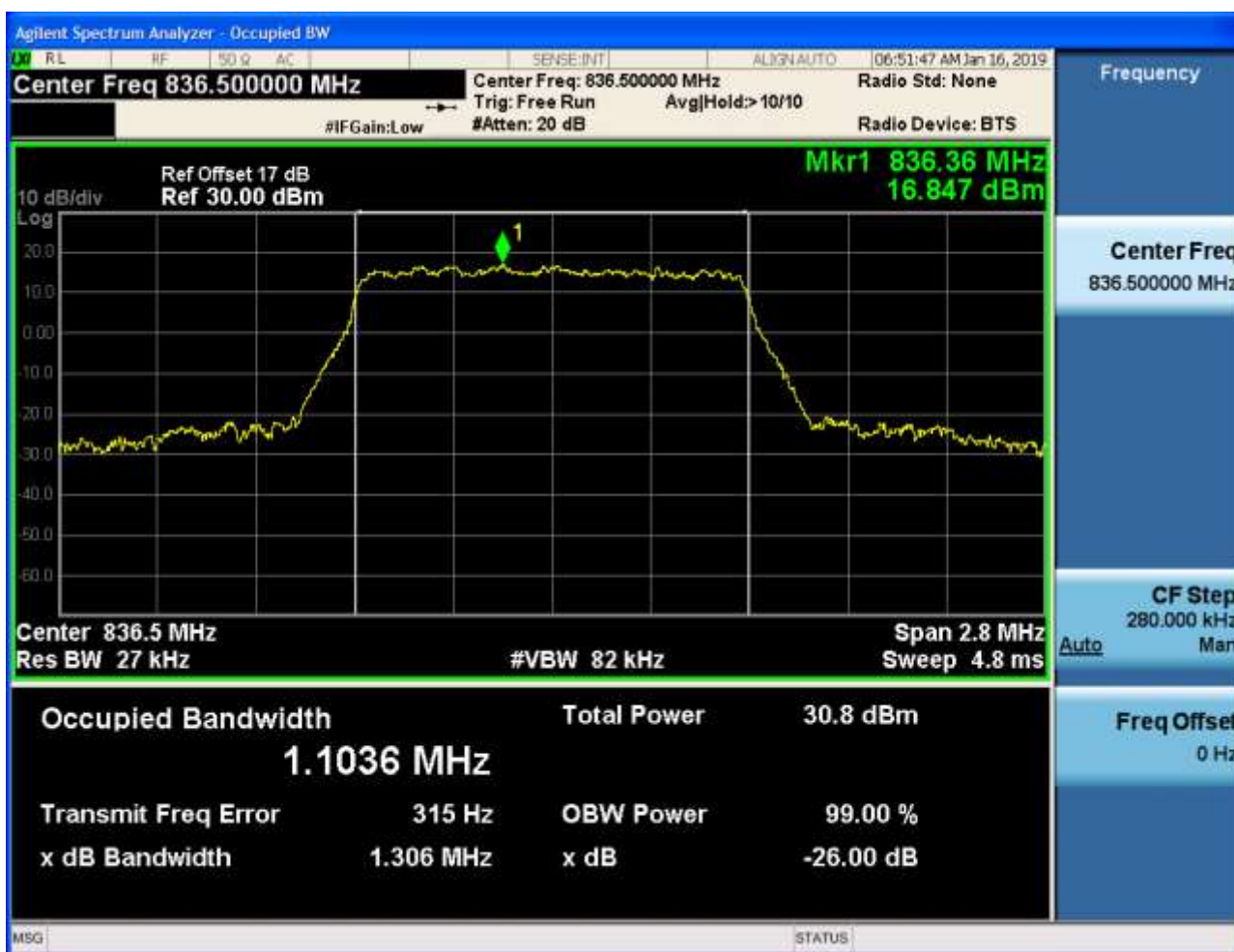
4.1.1.1.1.1 Test Channel = LCH

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

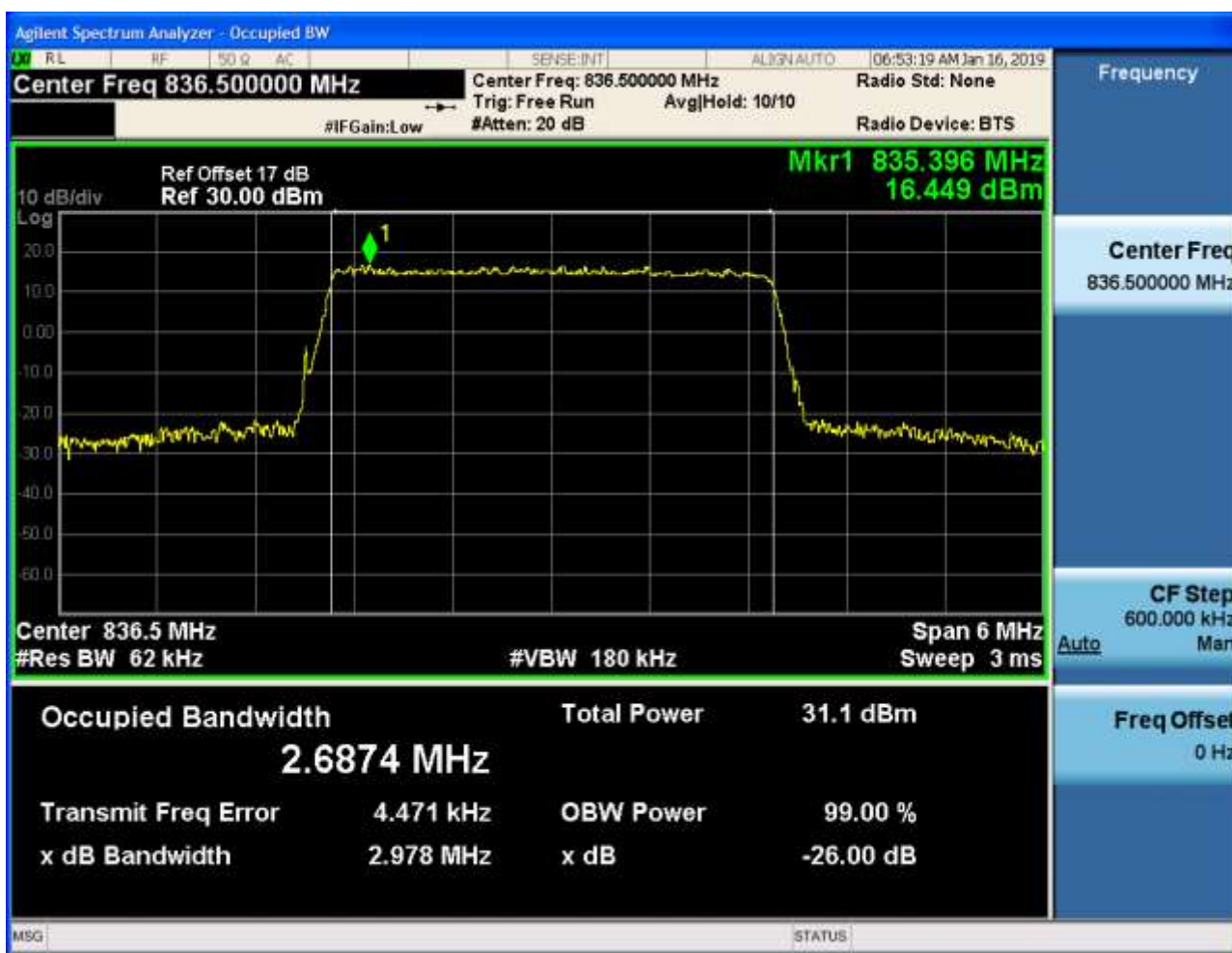
4.1.1.1.2.1 Test Channel = LCH

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

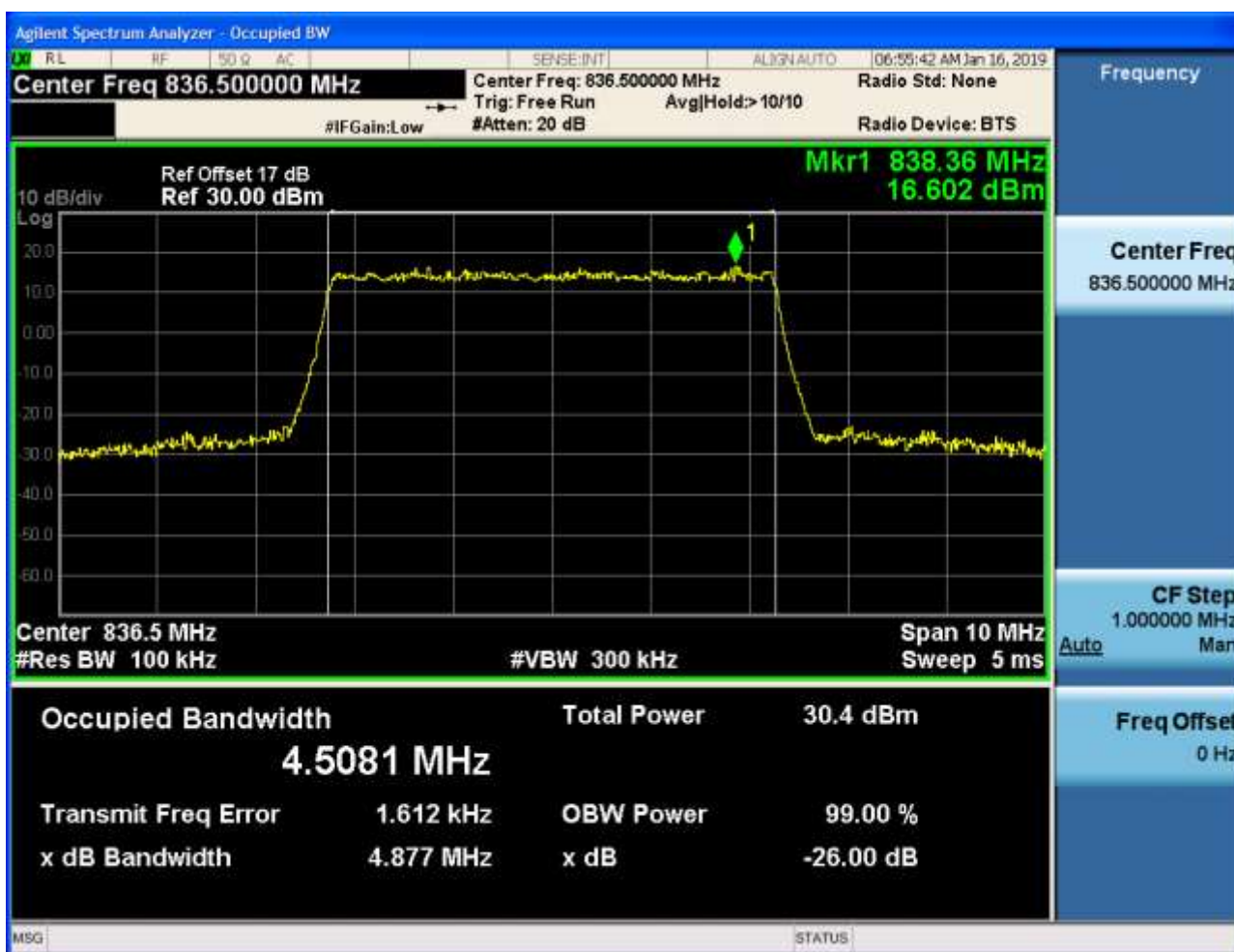
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



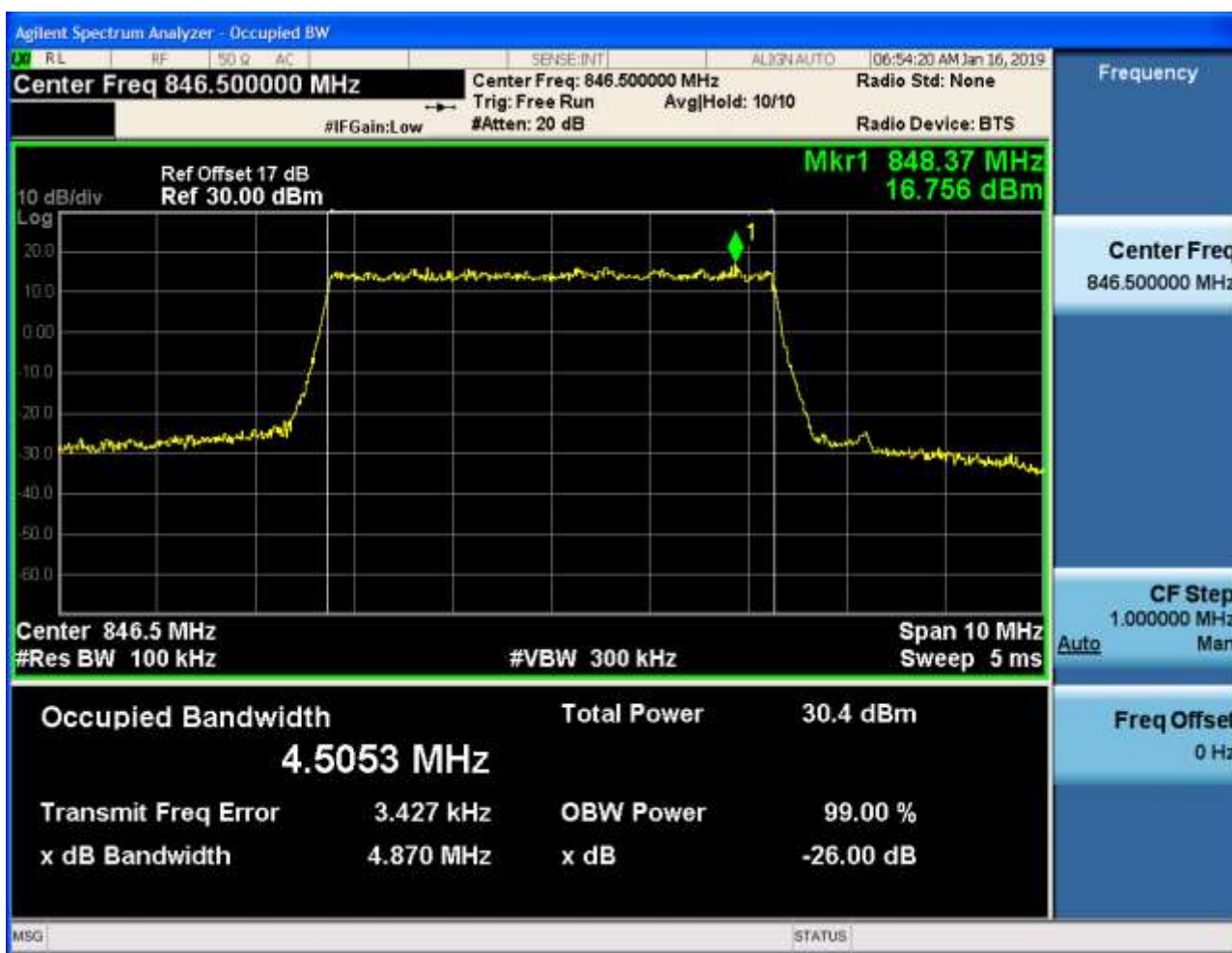
4.1.1.1.3.2 Test Channel = MCH

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

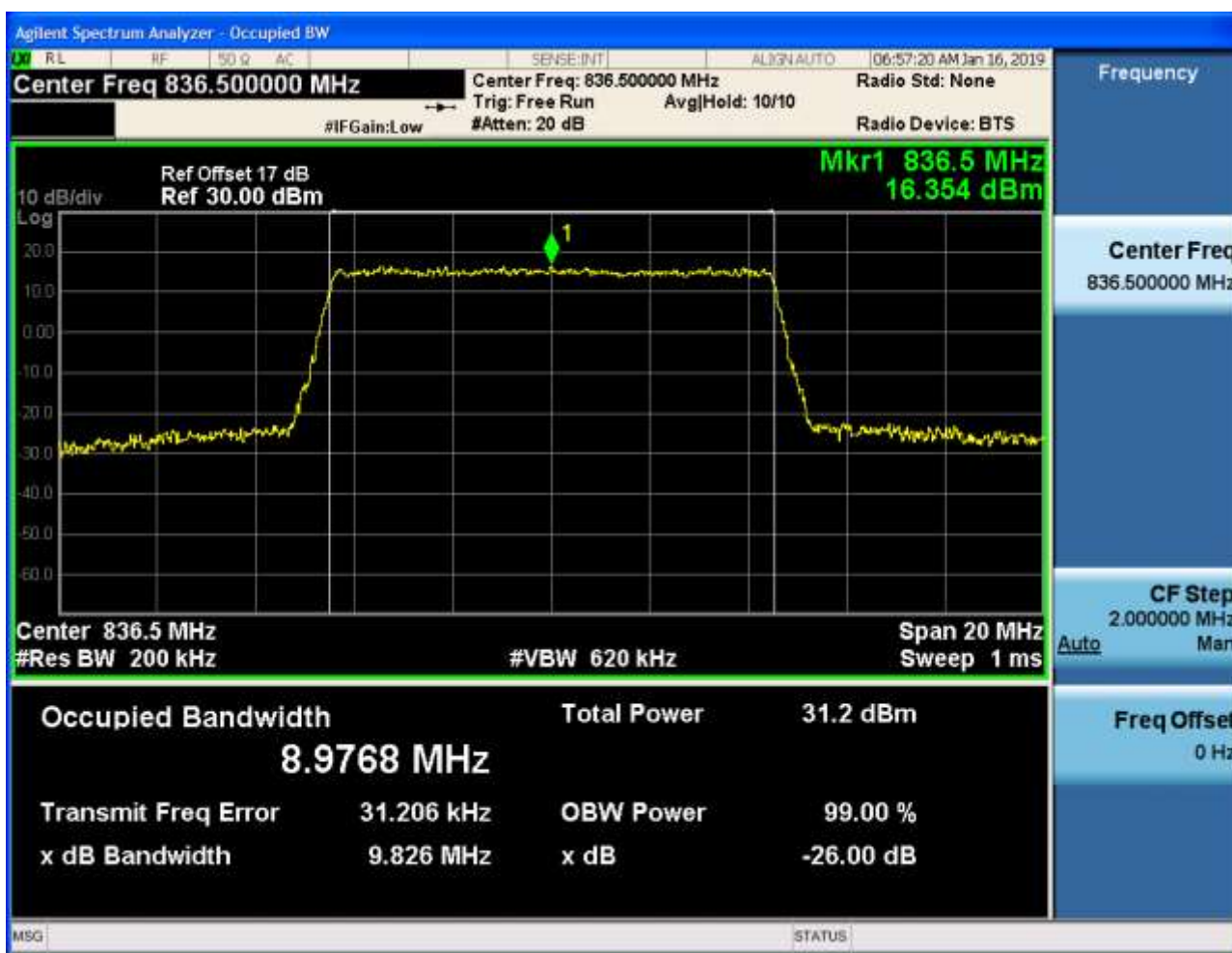
4.1.1.1.4.1 Test Channel = LCH

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

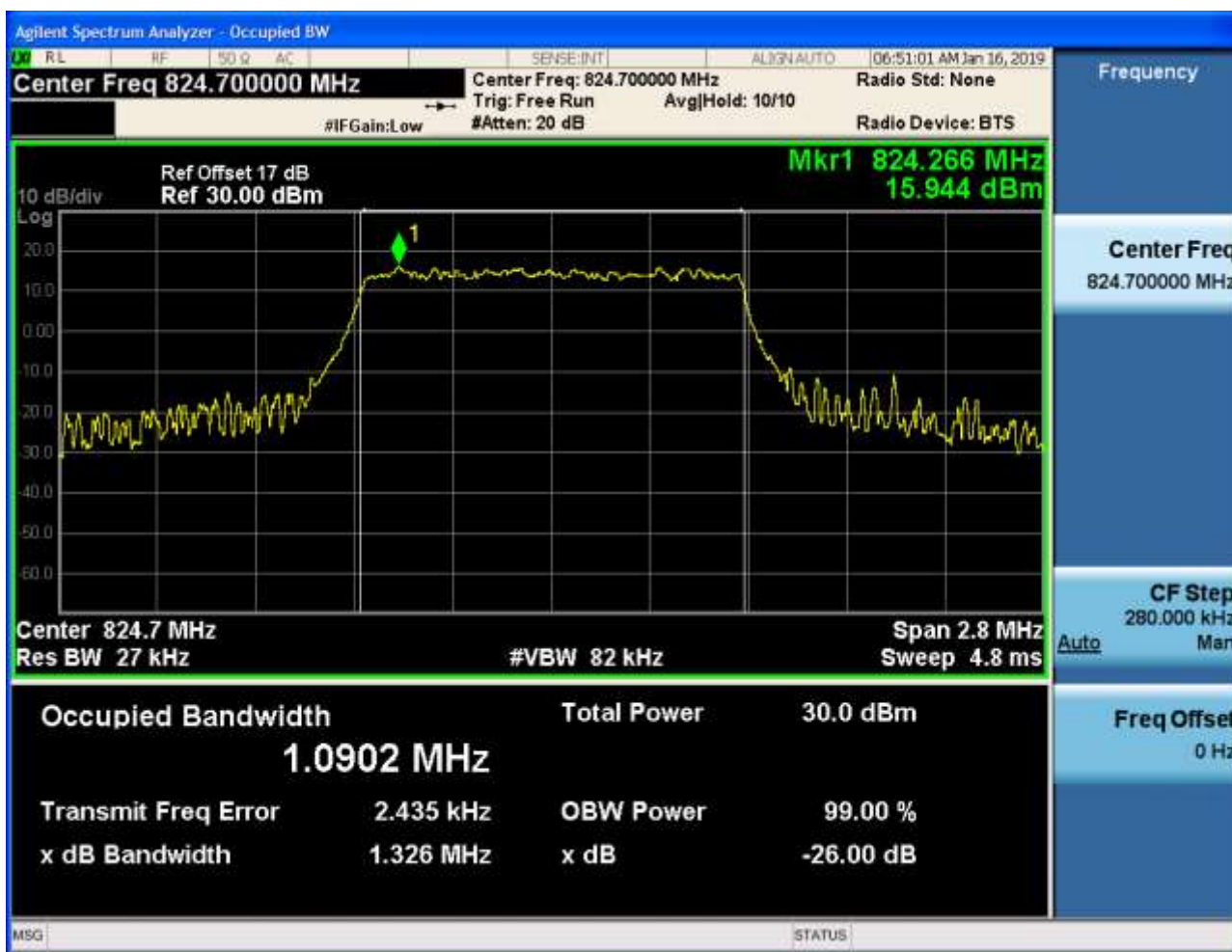


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

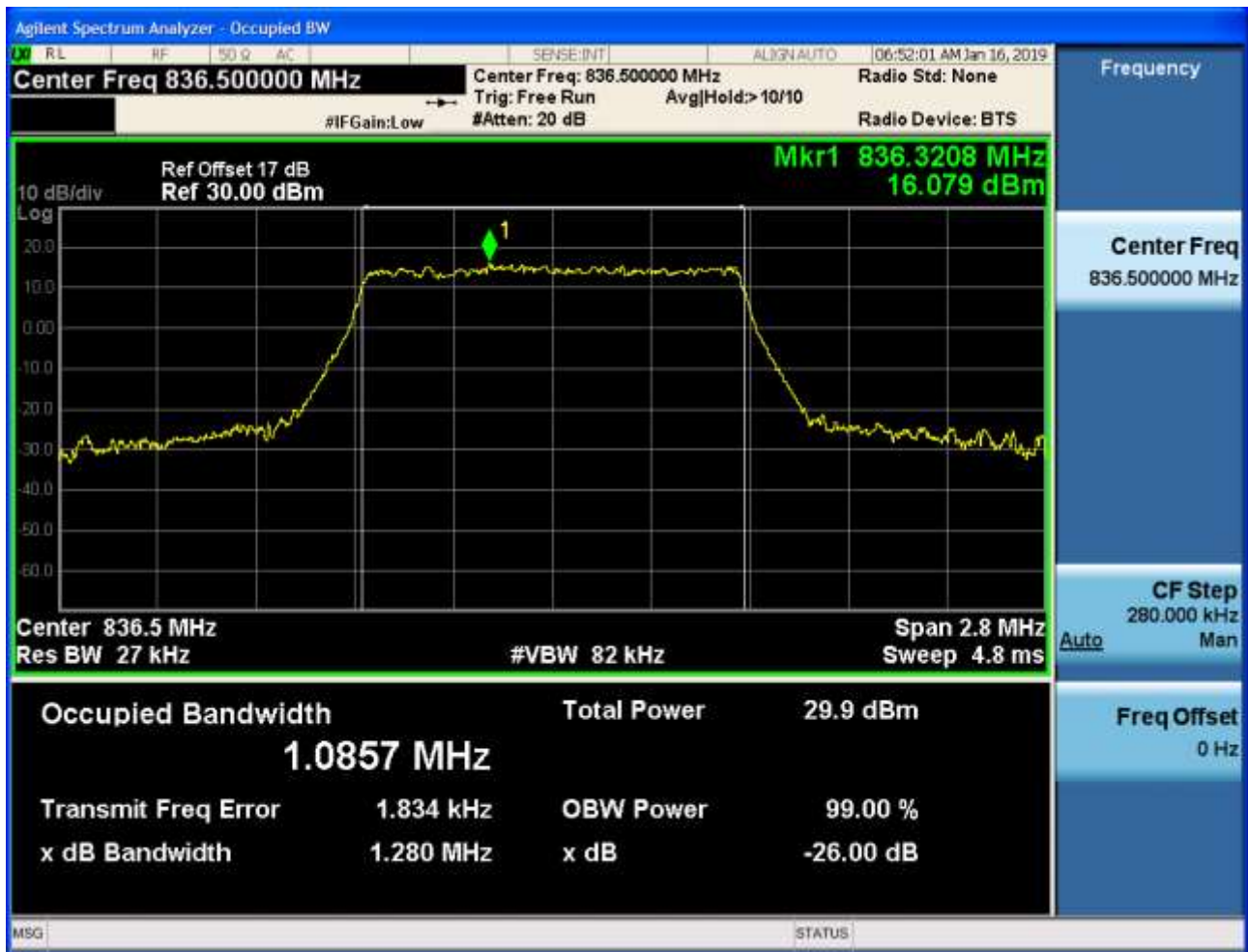
4.1.1.2.1.1 Test Channel = LCH

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

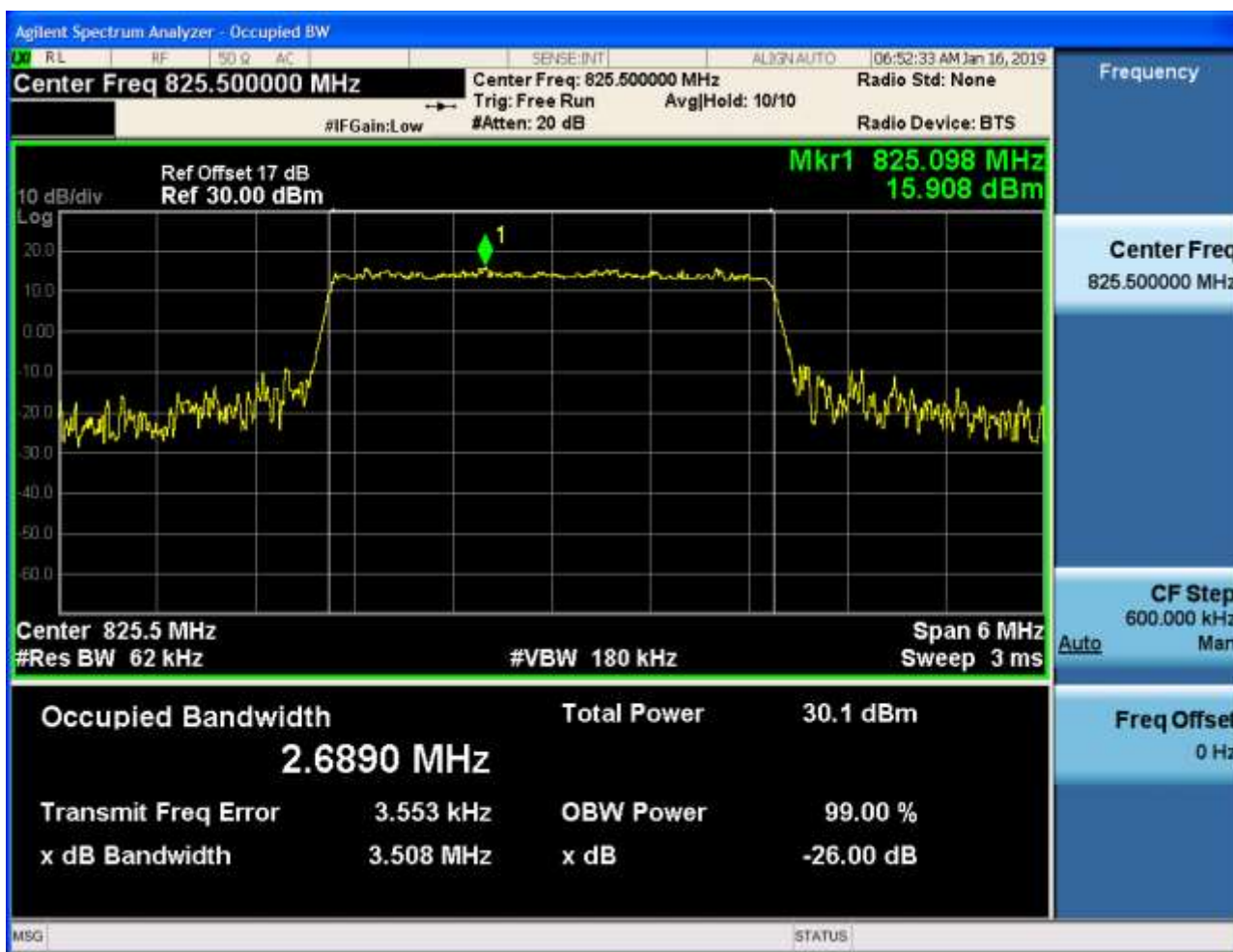
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

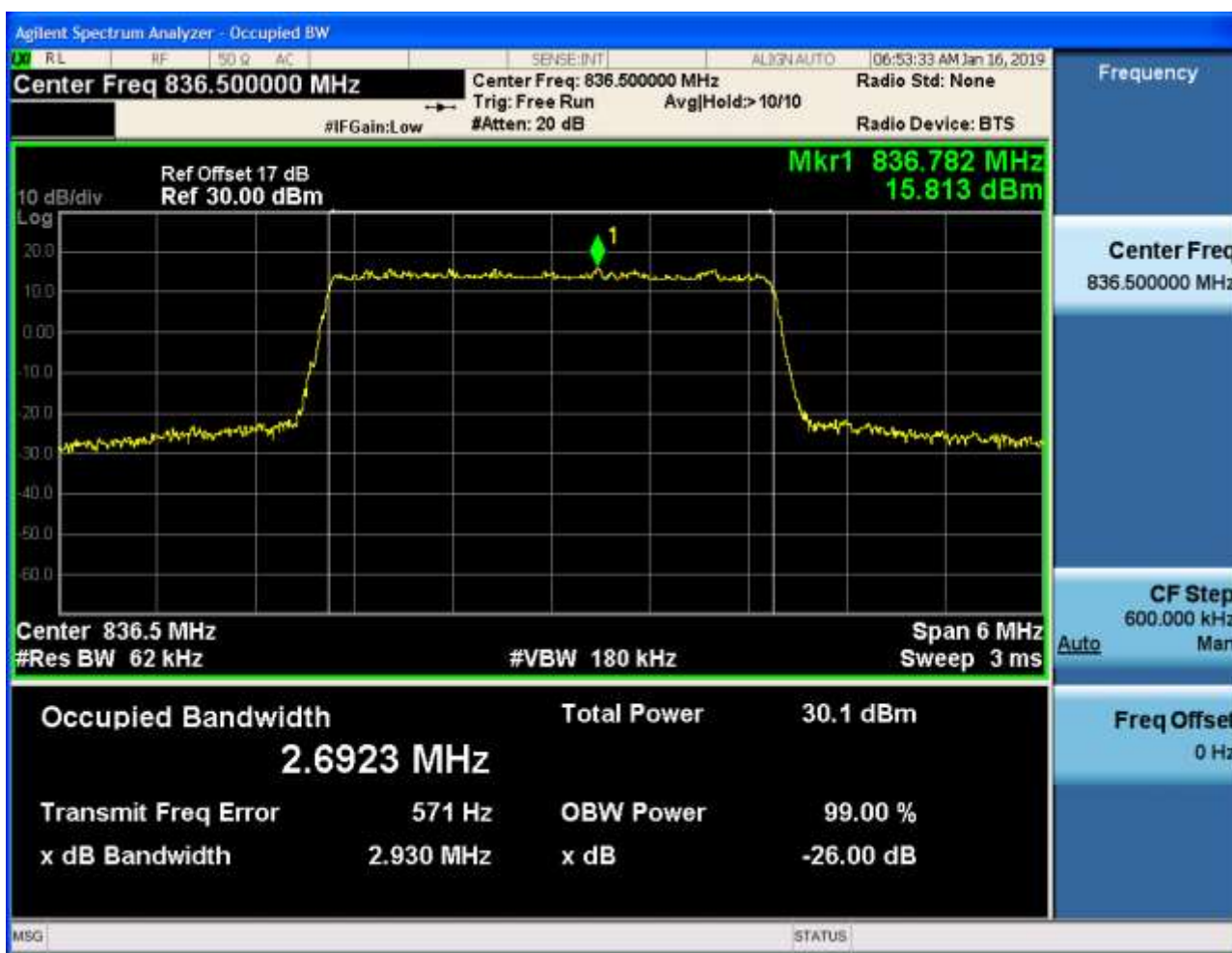
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



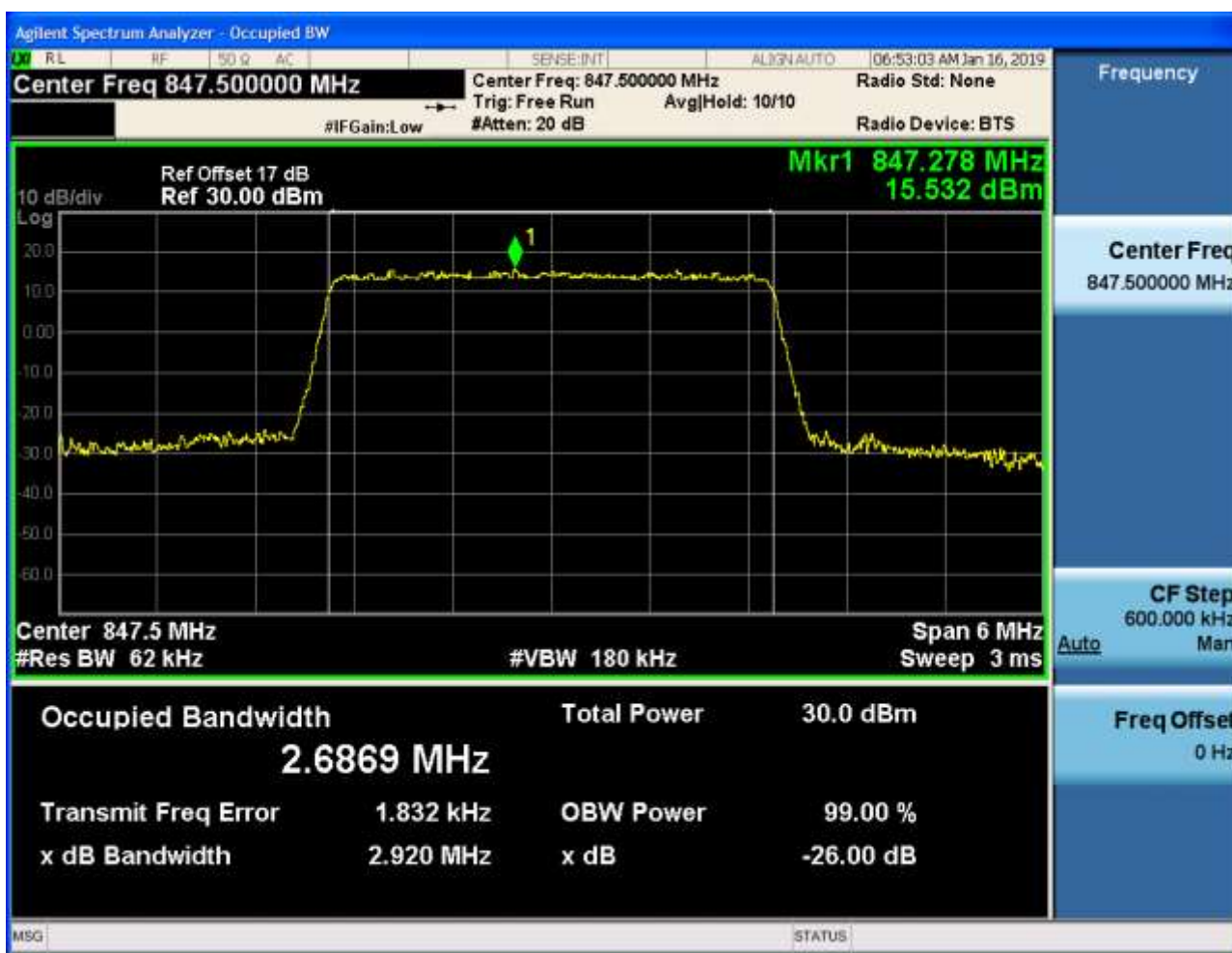
4.1.1.2.2.2 Test Channel = MCH

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

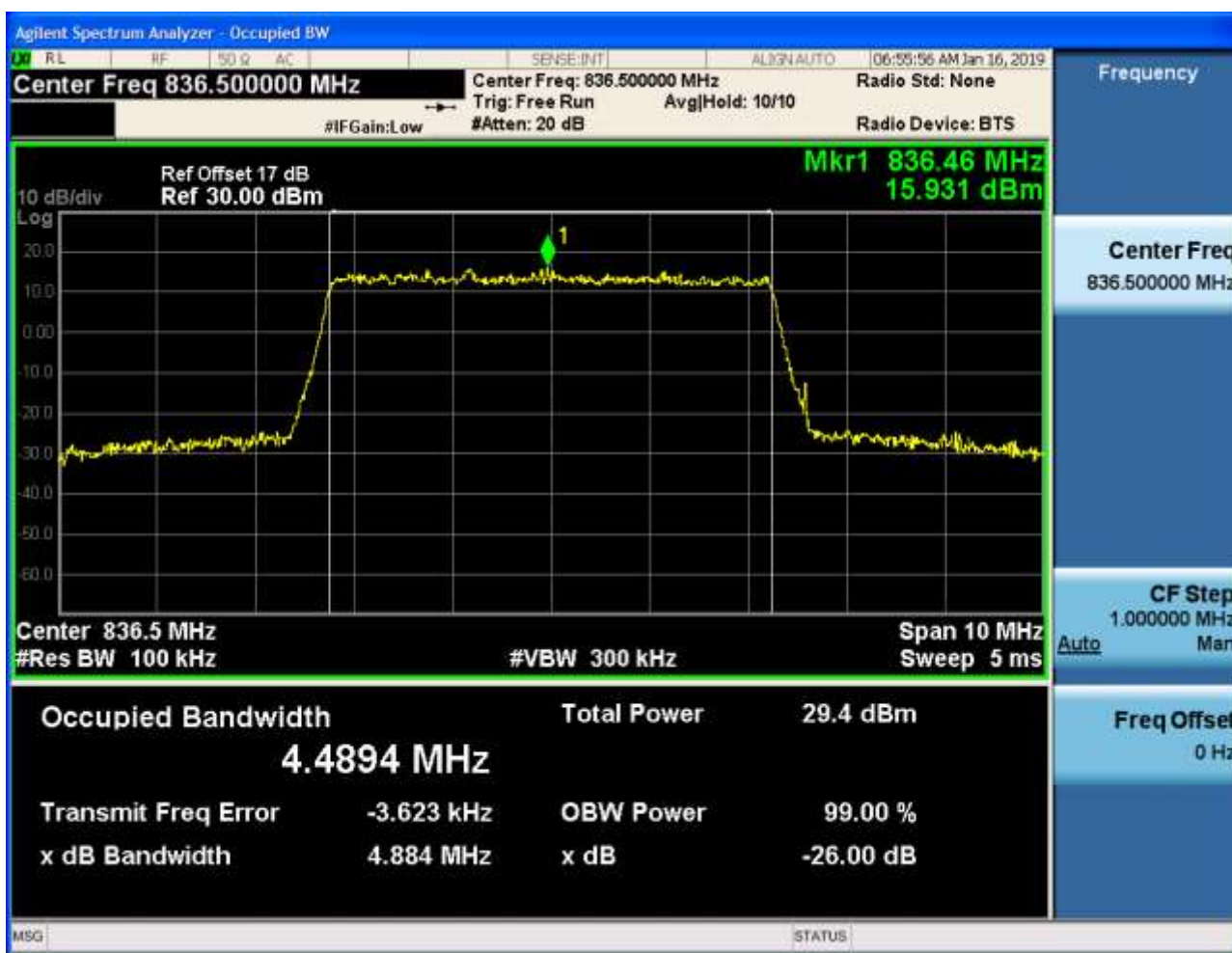
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



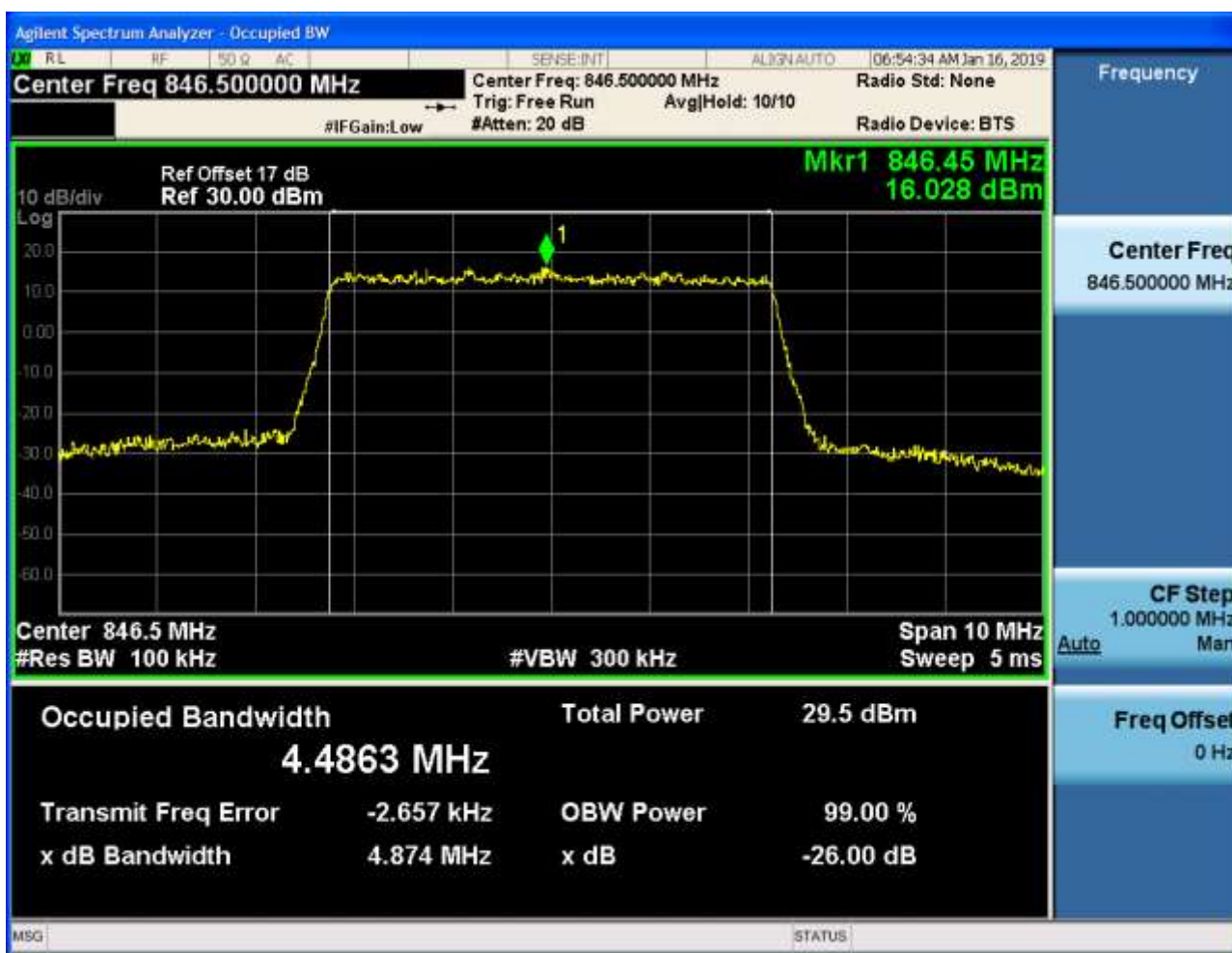
4.1.1.2.3.2 Test Channel = MCH

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

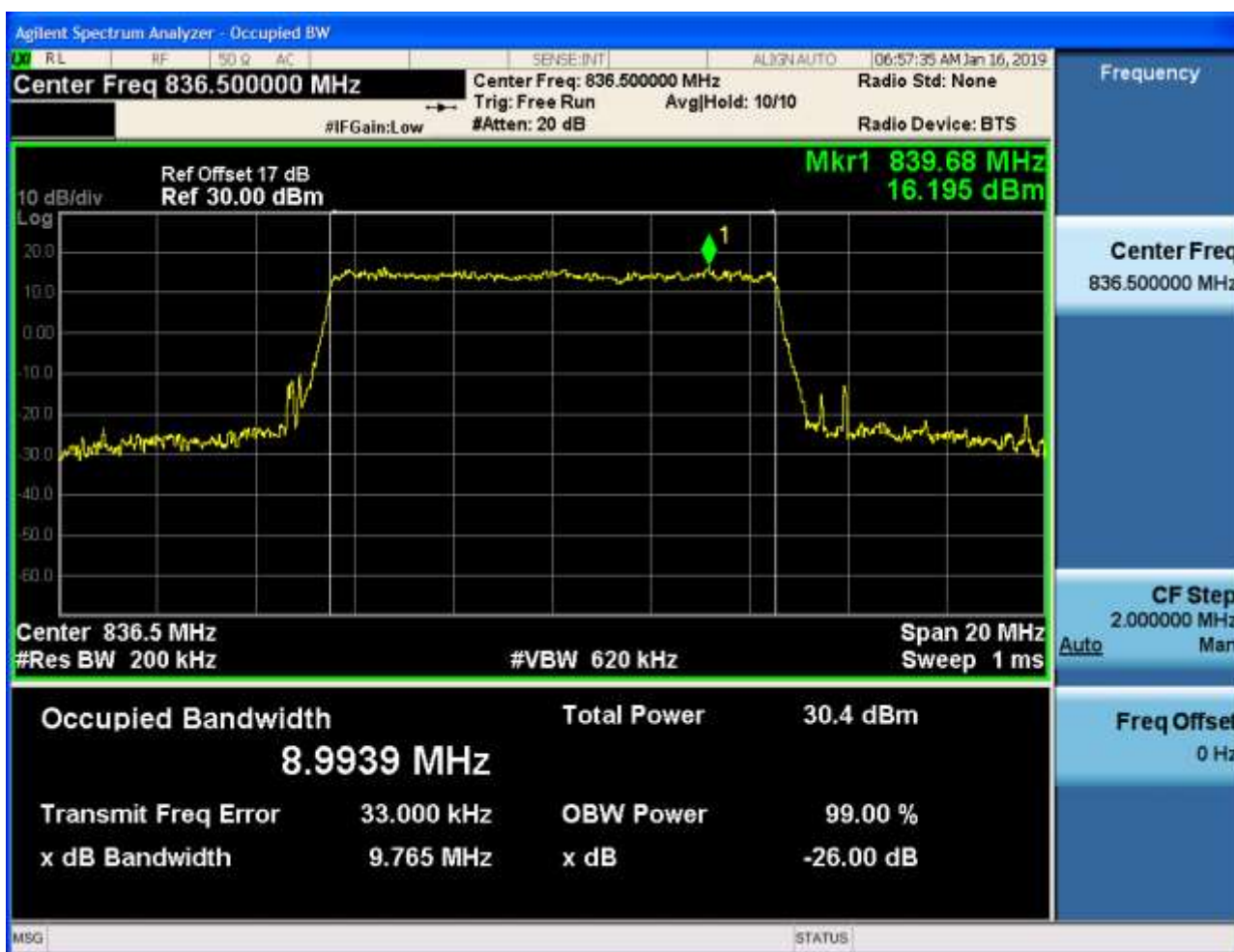
4.1.1.2.4.1 Test Channel = LCH

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

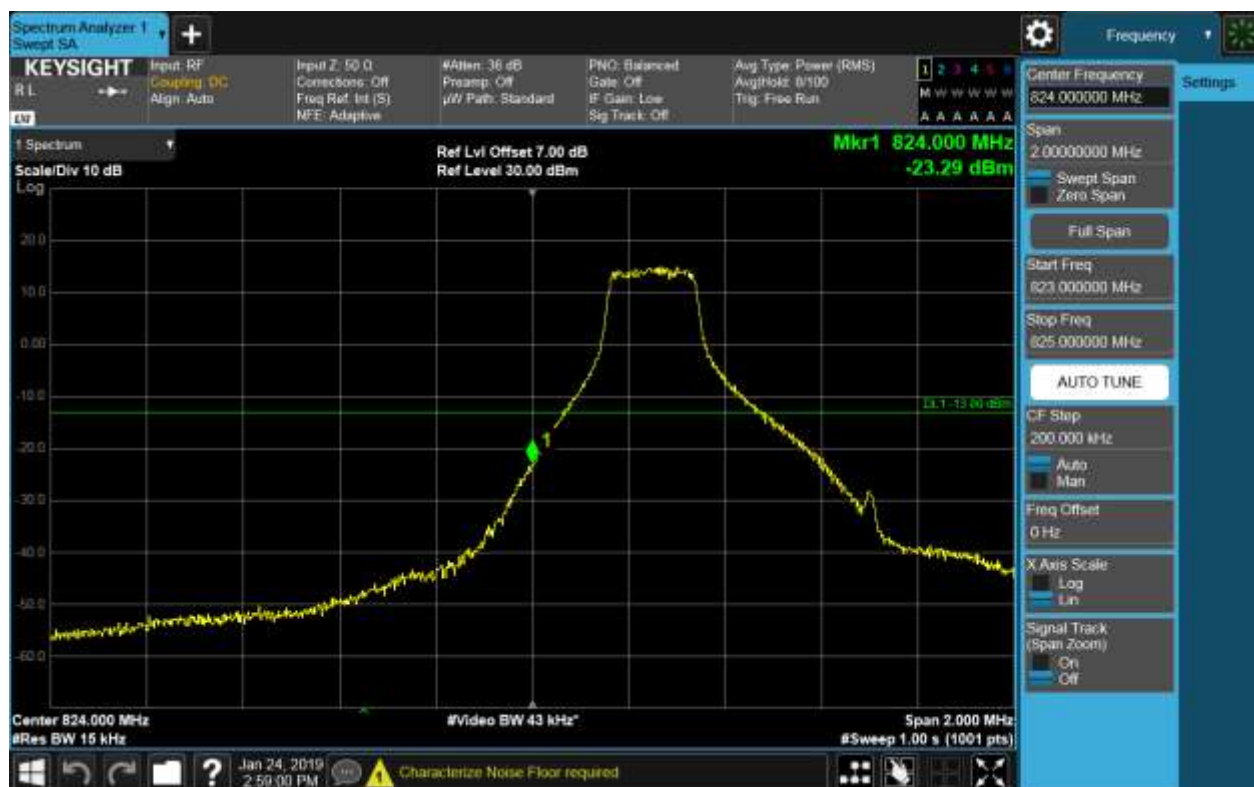
5.1.1 Test Band = Band5

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



5.1.1.1.1.3 Test RB = RB3#2



5.1.1.1.1.4 Test RB = RB6#0

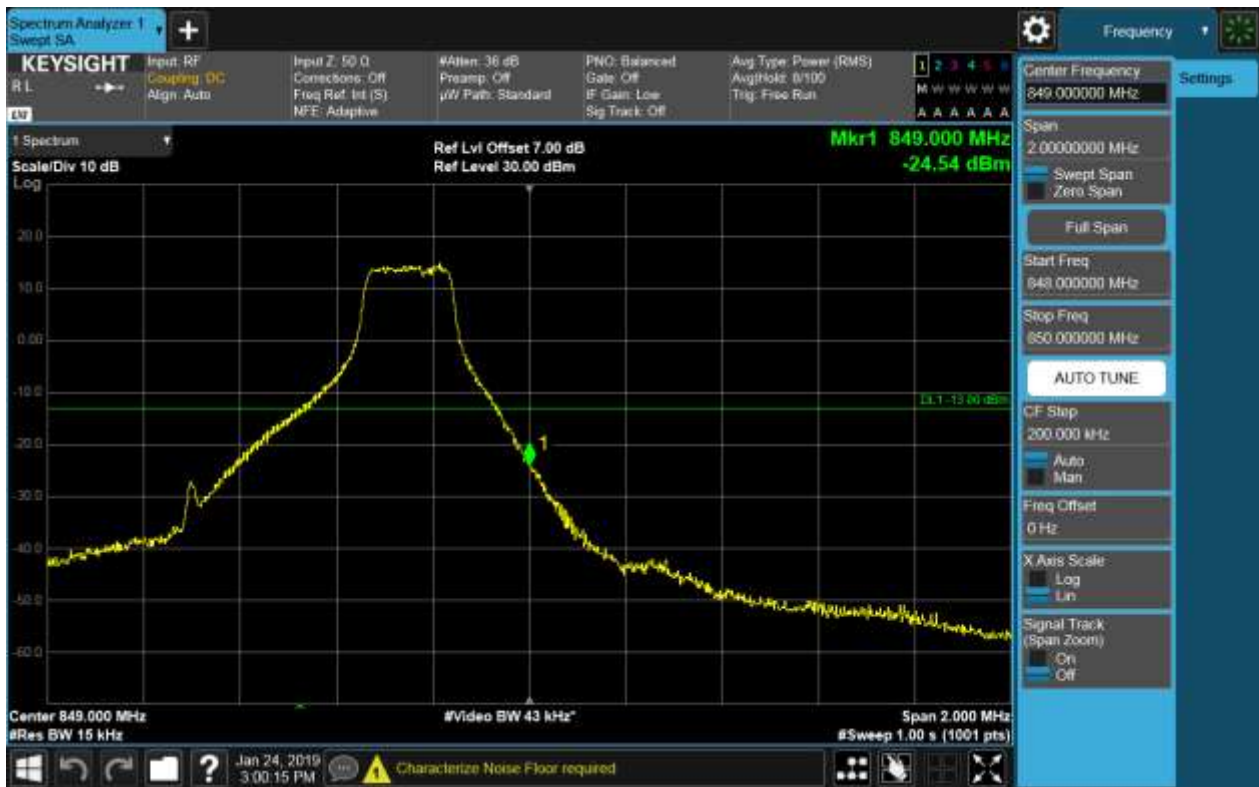


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.2.3 Test RB = RB3#2



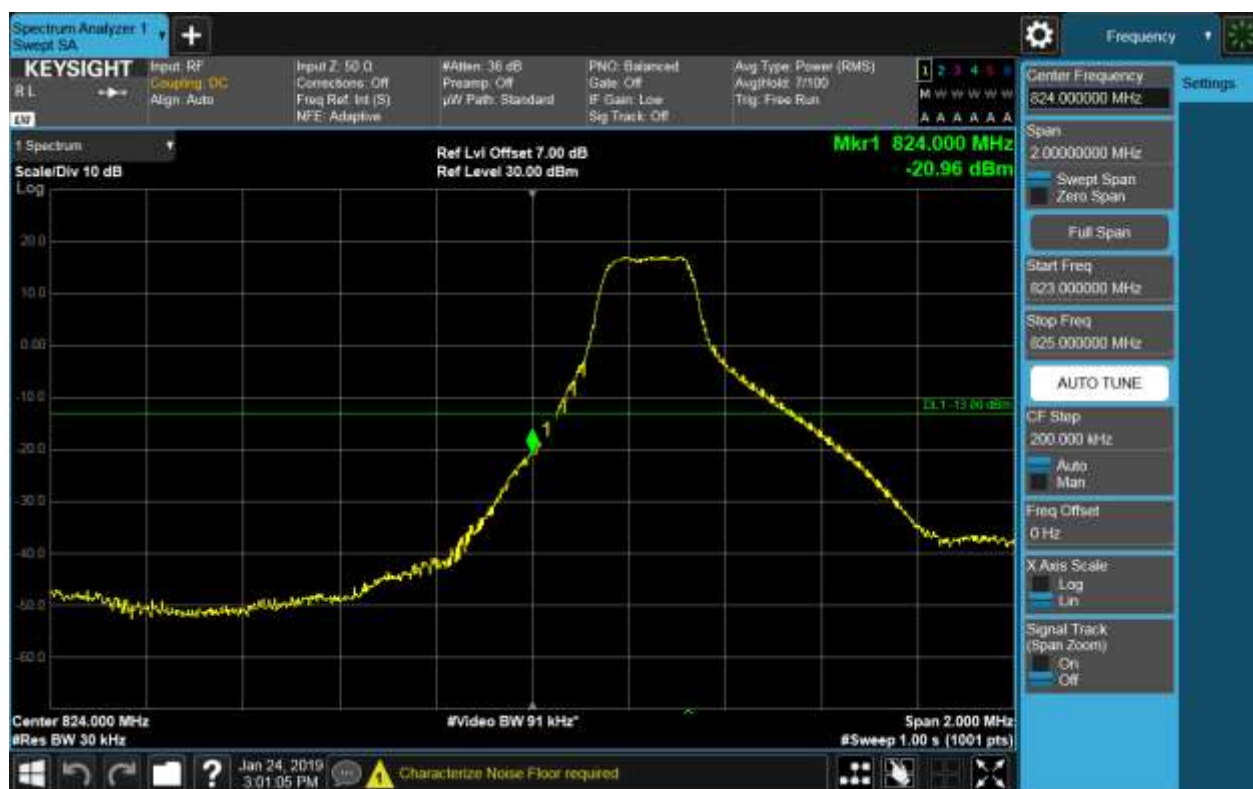
5.1.1.1.2.4 Test RB = RB6#0



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

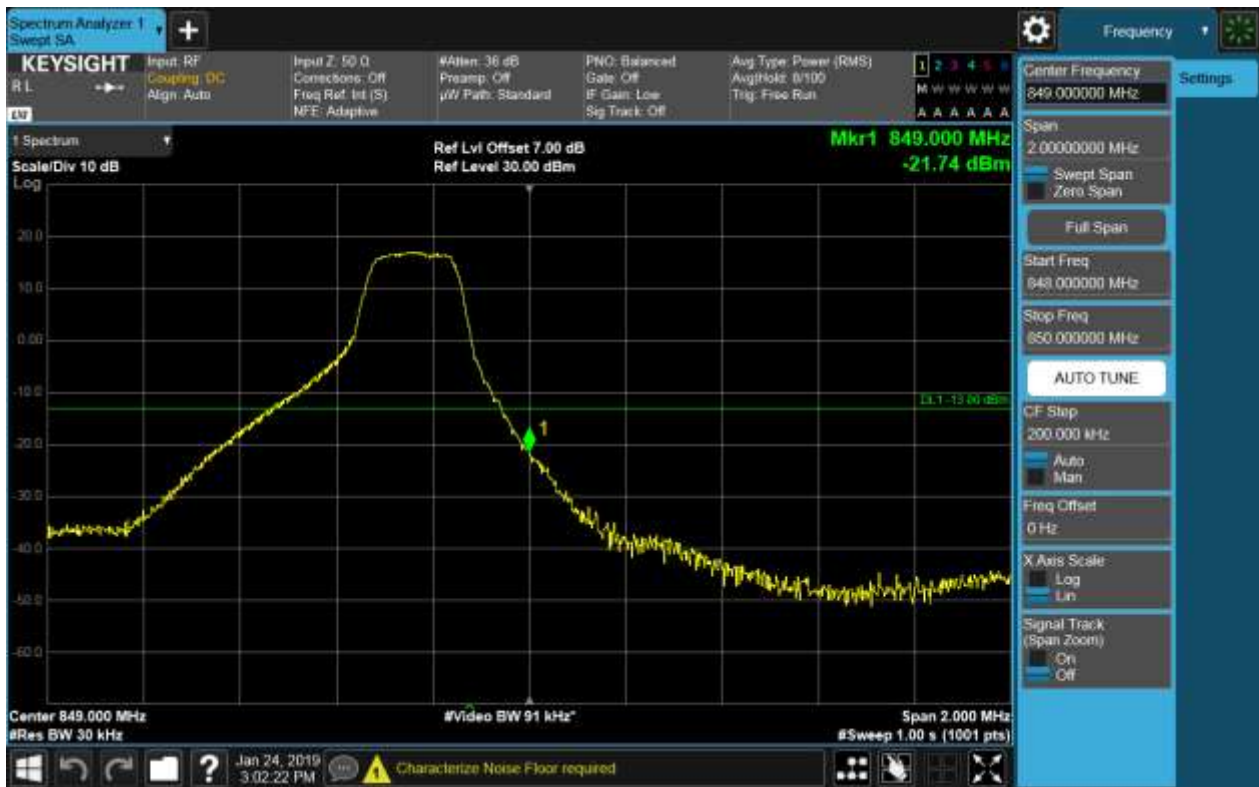


5.1.1.1.2.2 Test Channel = HCH

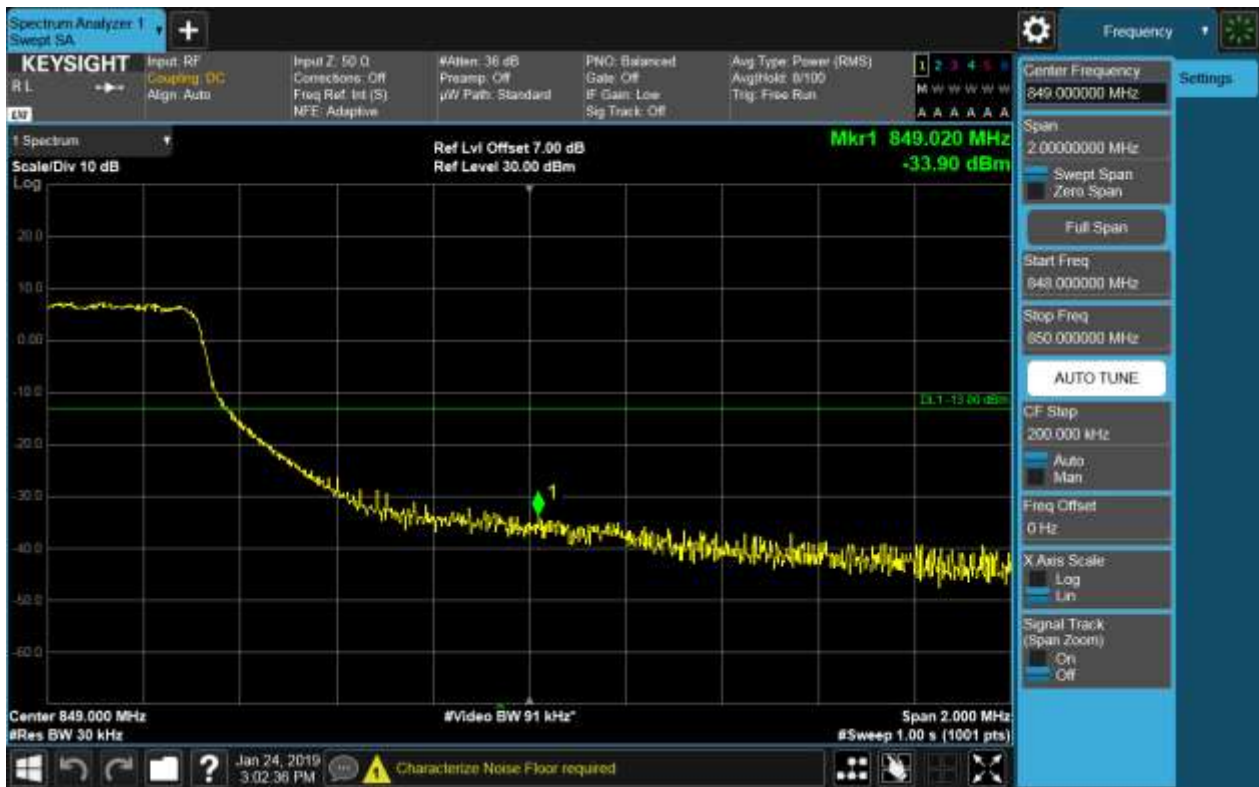
5.1.1.1.2.2.1 Test RB = RB1#0



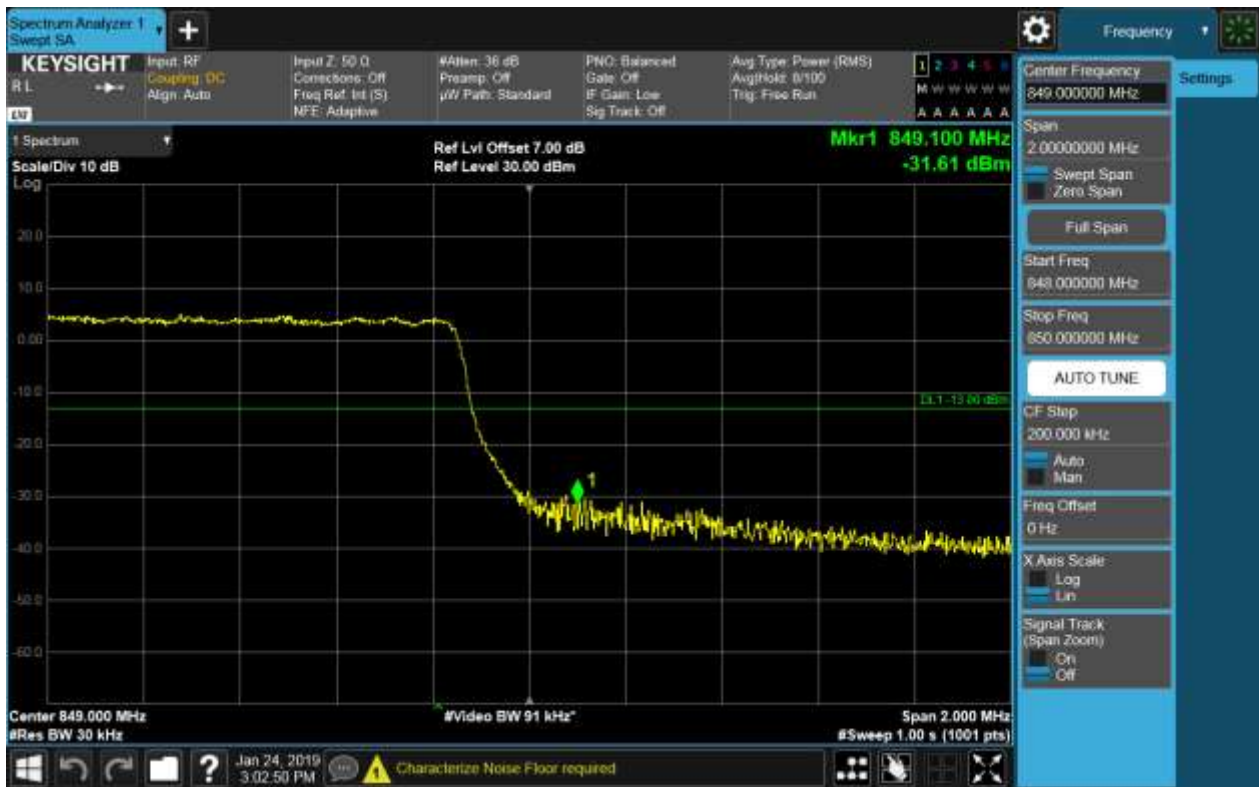
5.1.1.1.2.2.2 Test RB = RB1#14



5.1.1.1.2.3 Test RB = RB8#4



5.1.1.1.2.2.4 Test RB = RB15#0





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

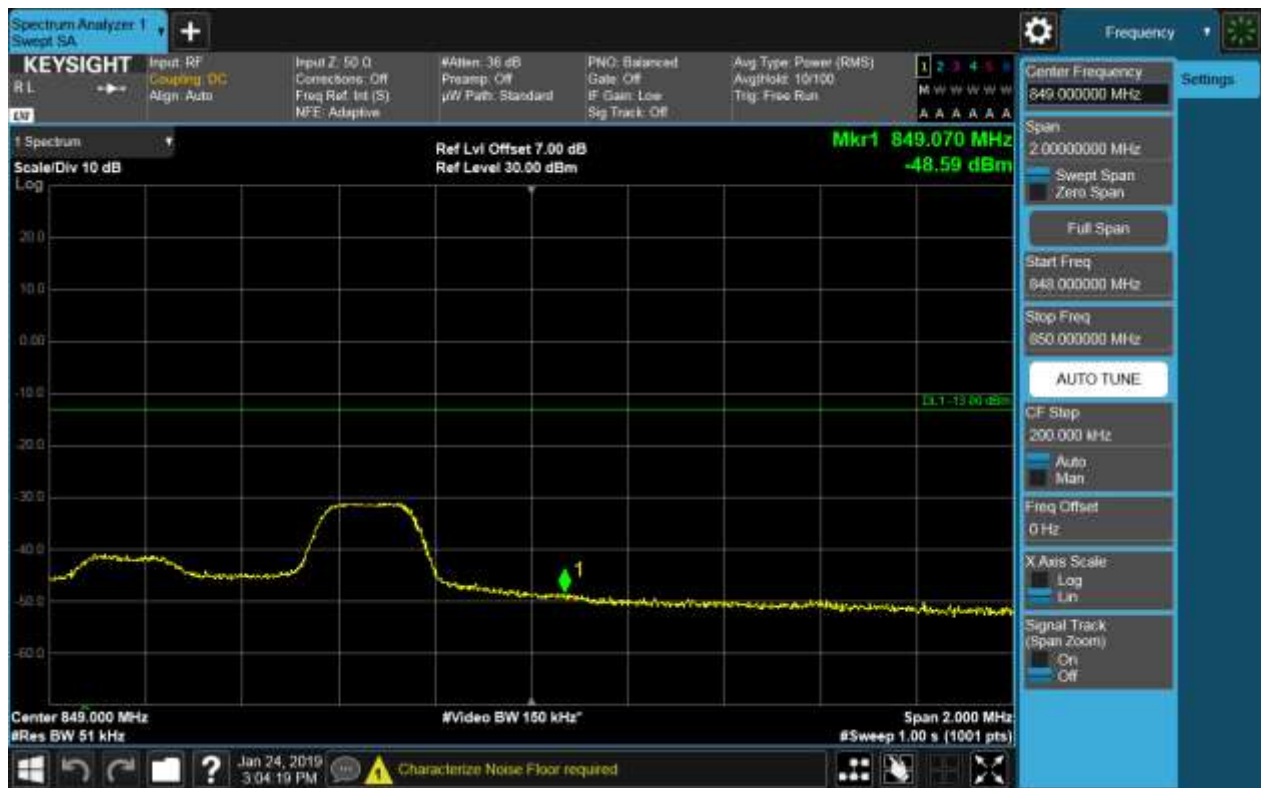


5.1.1.1.3.1.4 Test RB = RB25#0

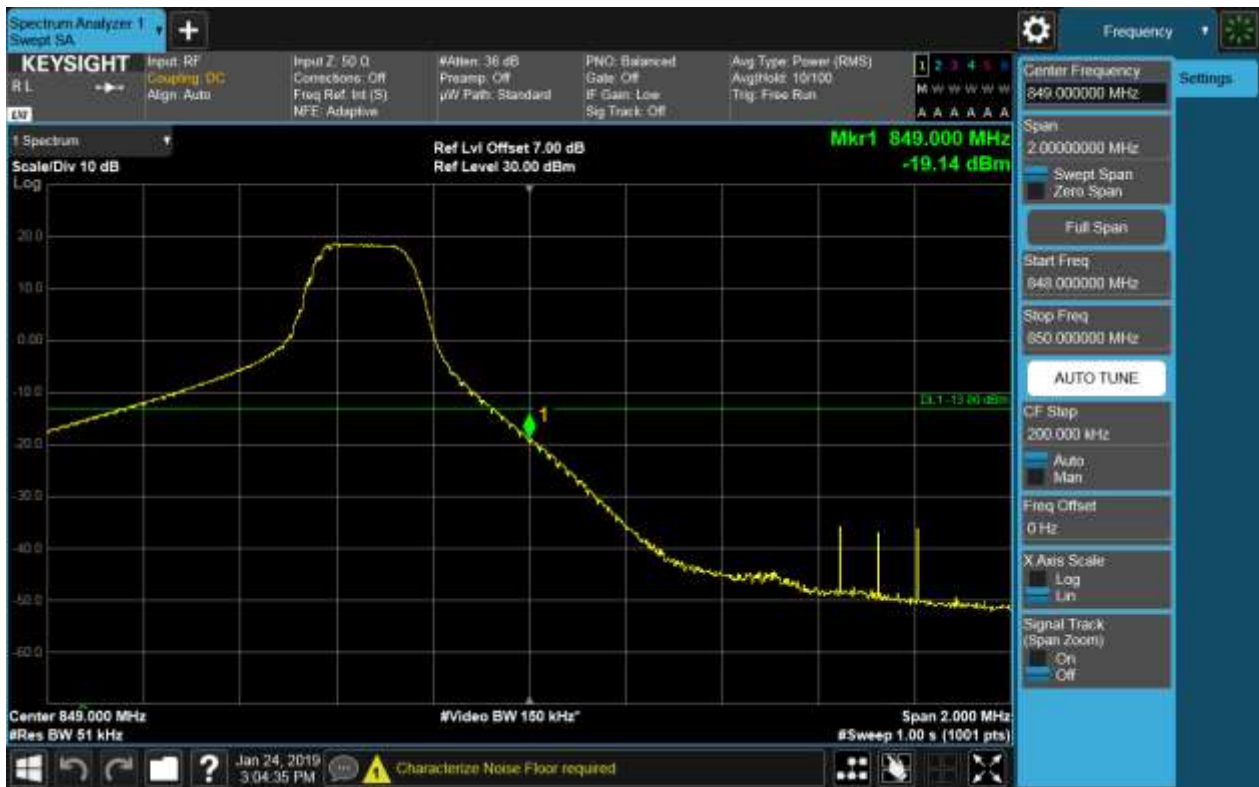


5.1.1.1.3.2 Test Channel = HCH

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



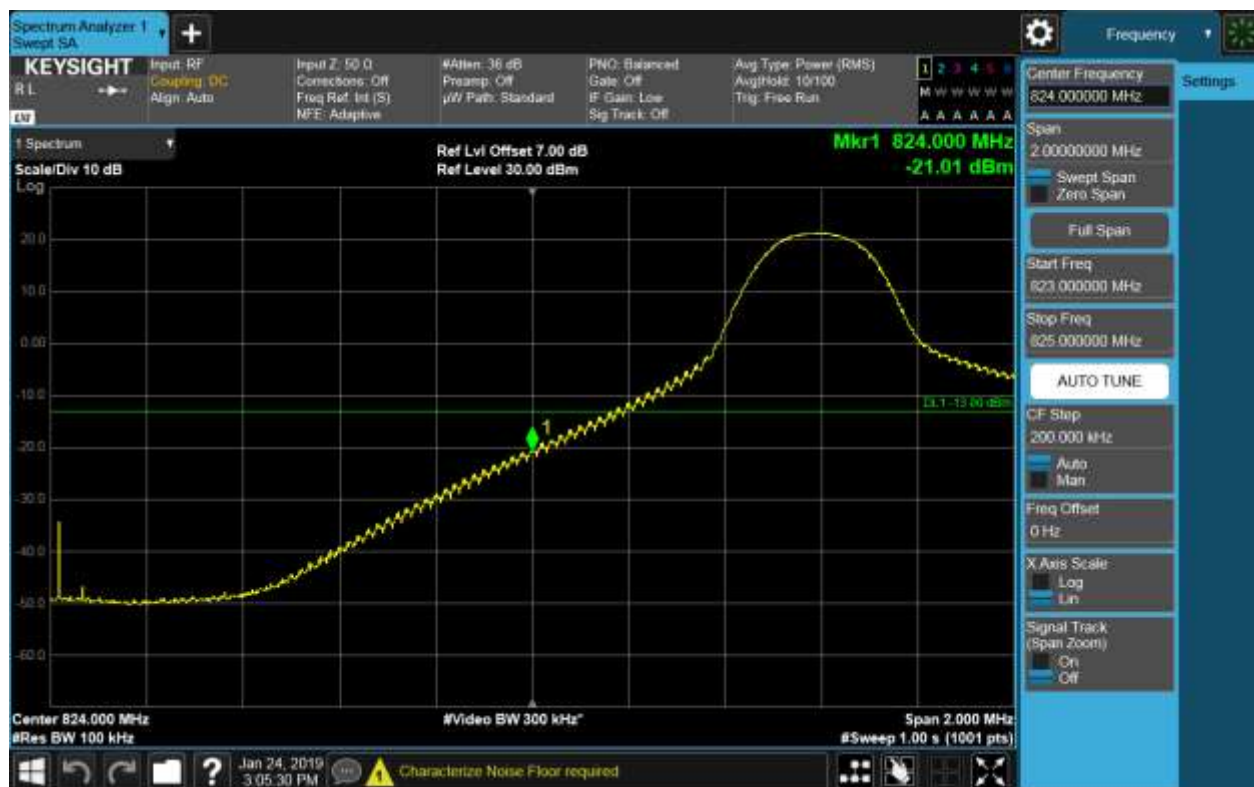
5.1.1.1.3.2.4 Test RB = RB25#0



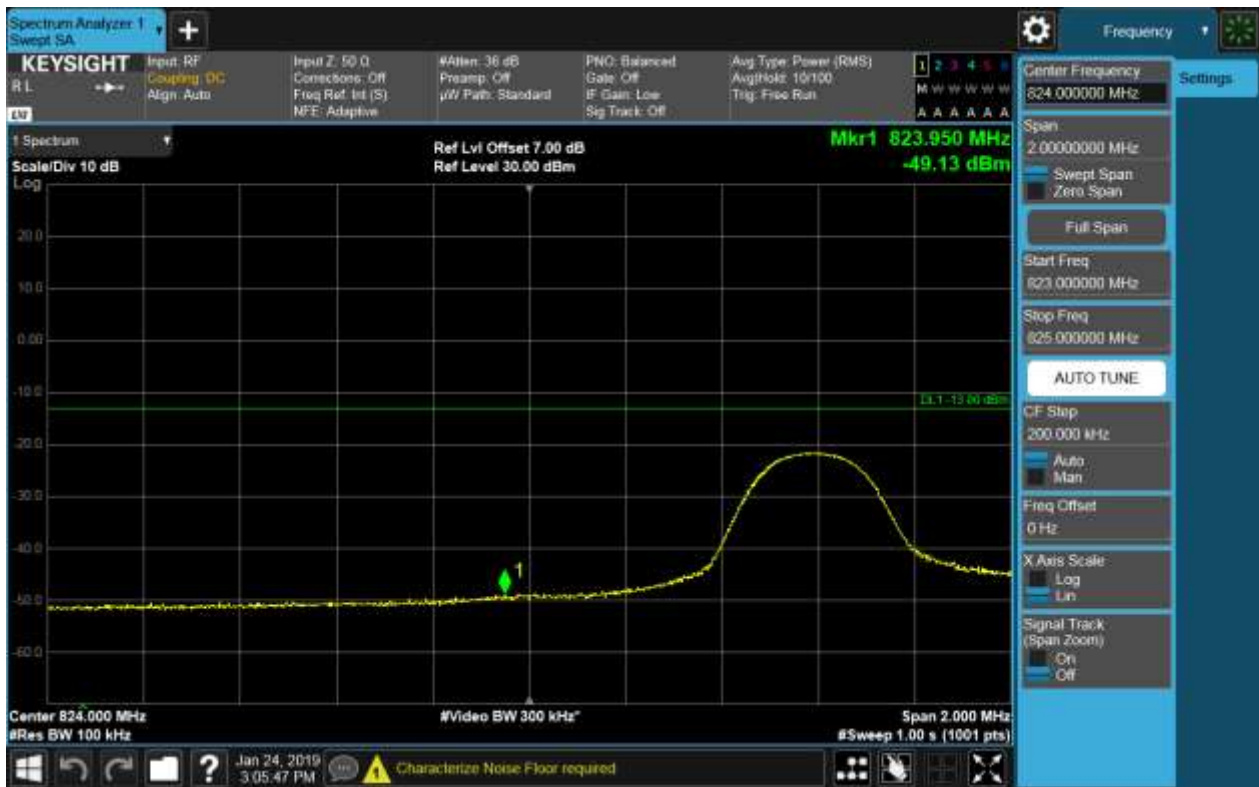
5.1.1.1.4 Test Bandwidth = 10

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

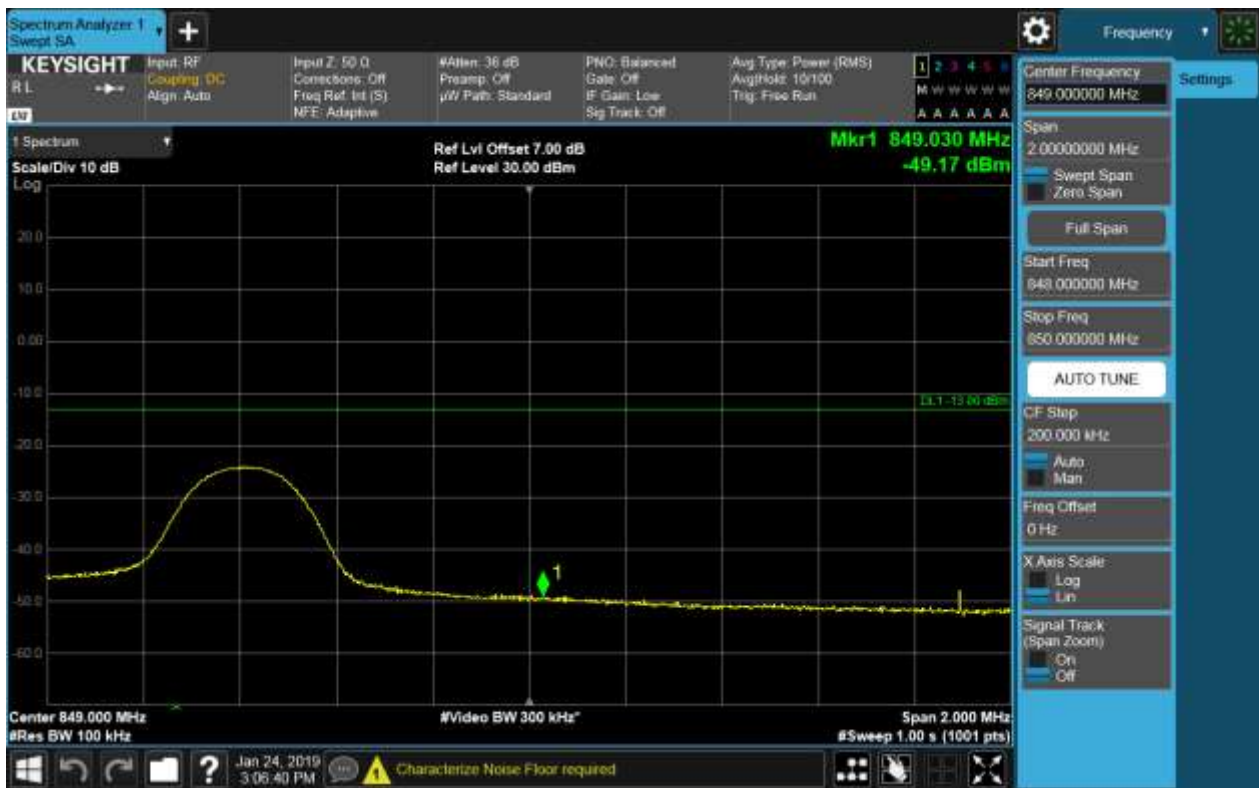


5.1.1.1.4.1.4 Test RB = RB50#0



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

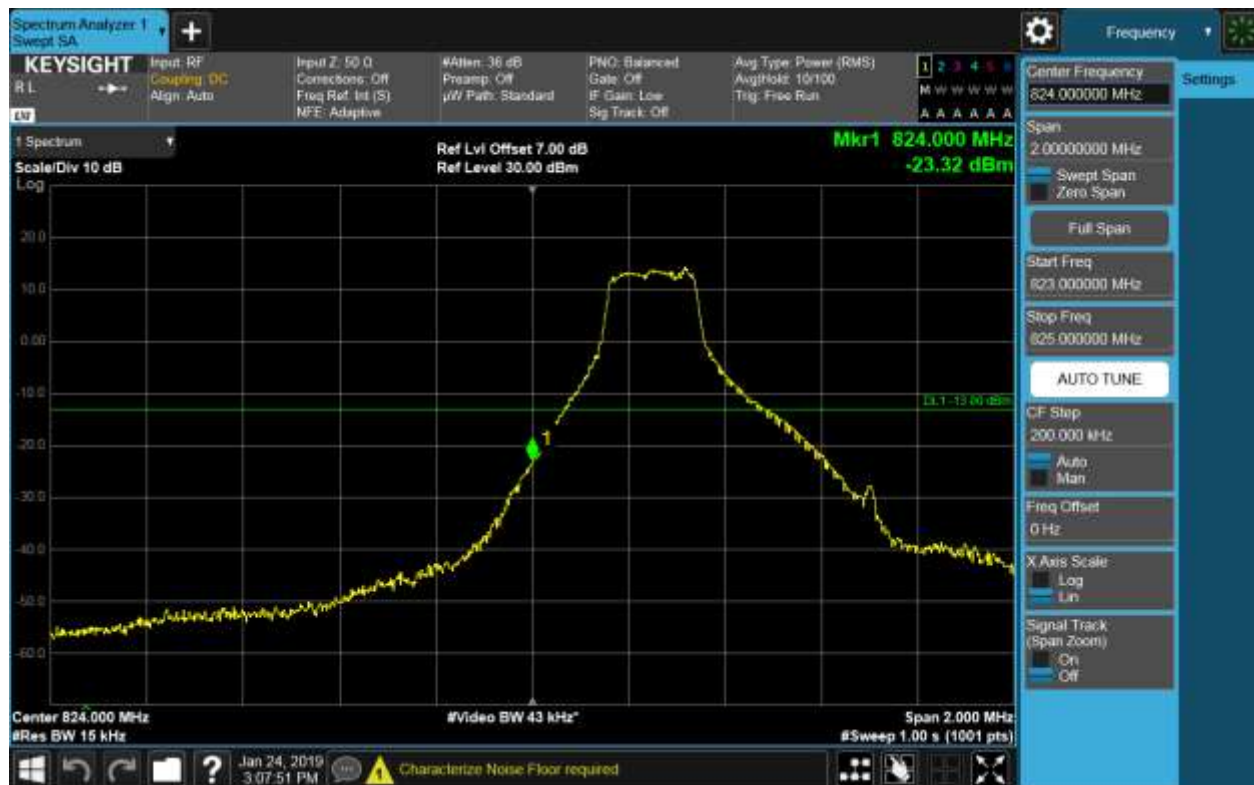


5.1.1.2 Test Mode = LTE/TM2

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



5.1.1.2.1.2 Test RB = RB1#5



5.1.1.2.1.3 Test RB = RB3#2



5.1.1.2.1.1.4 Test RB = RB6#0

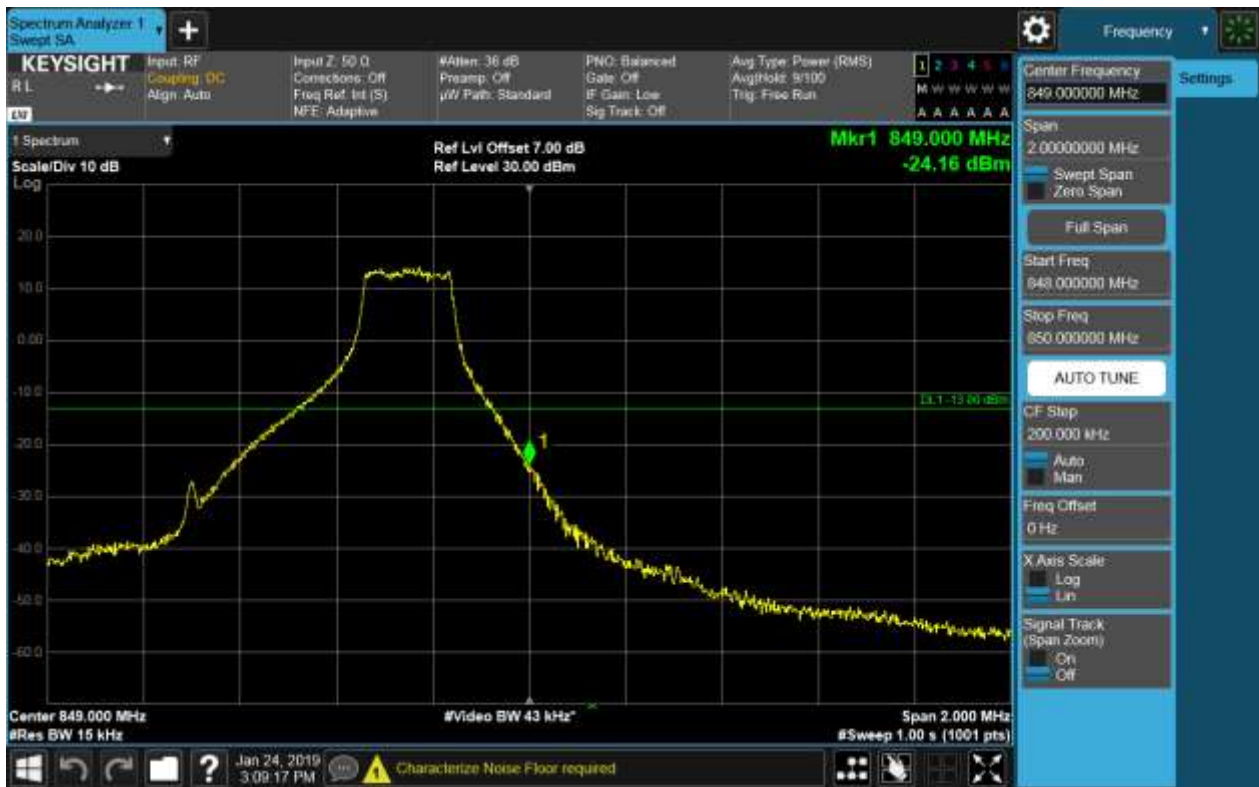


5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



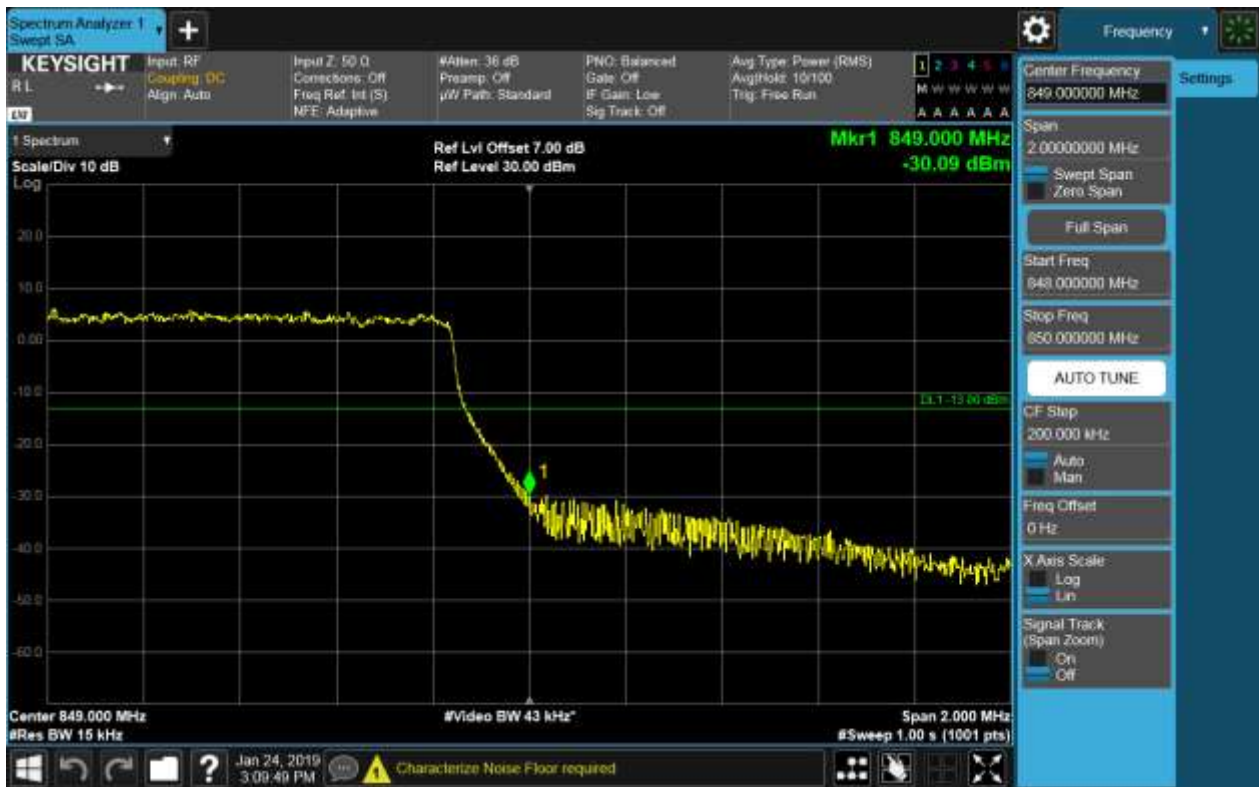
5.1.1.2.1.2.2 Test RB = RB1#5



5.1.1.2.1.2.3 Test RB = RB3#2



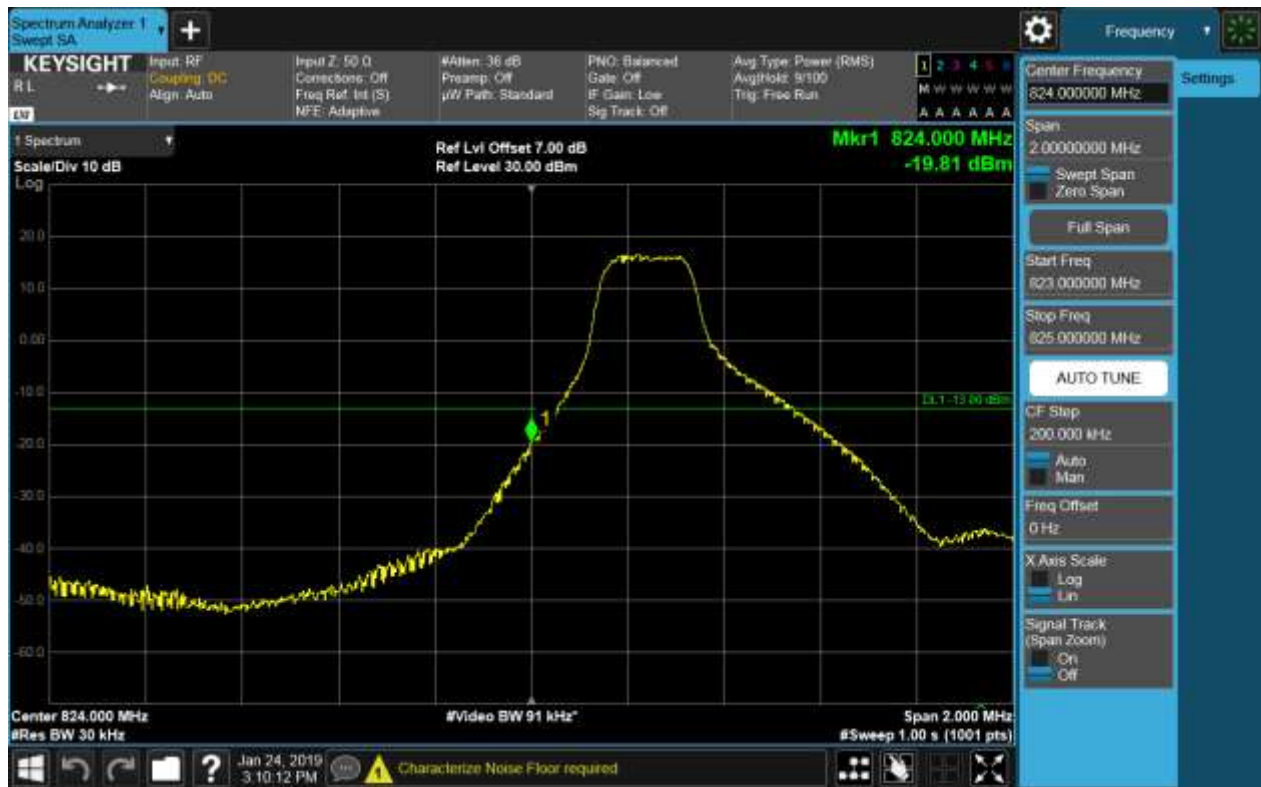
5.1.1.2.1.2.4 Test RB = RB6#0



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

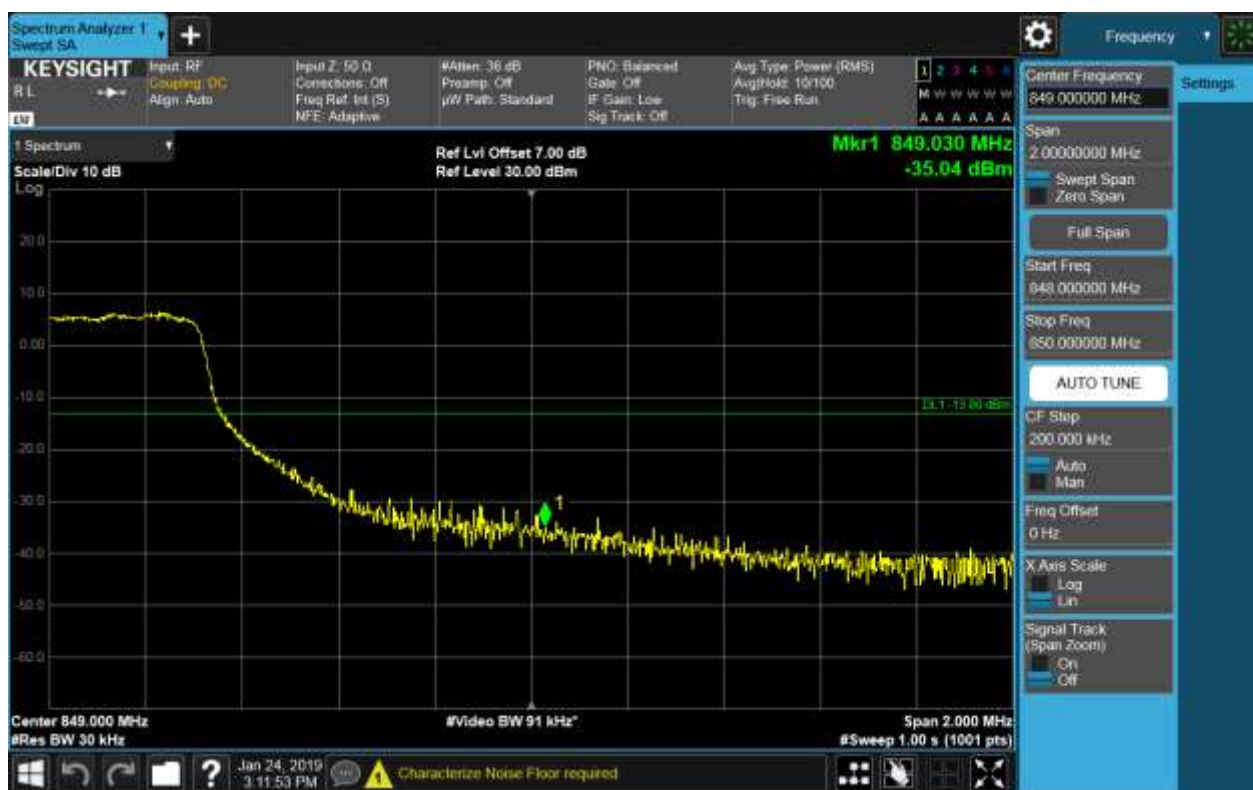
5.1.1.2.2.2.1 Test RB = RB1#0



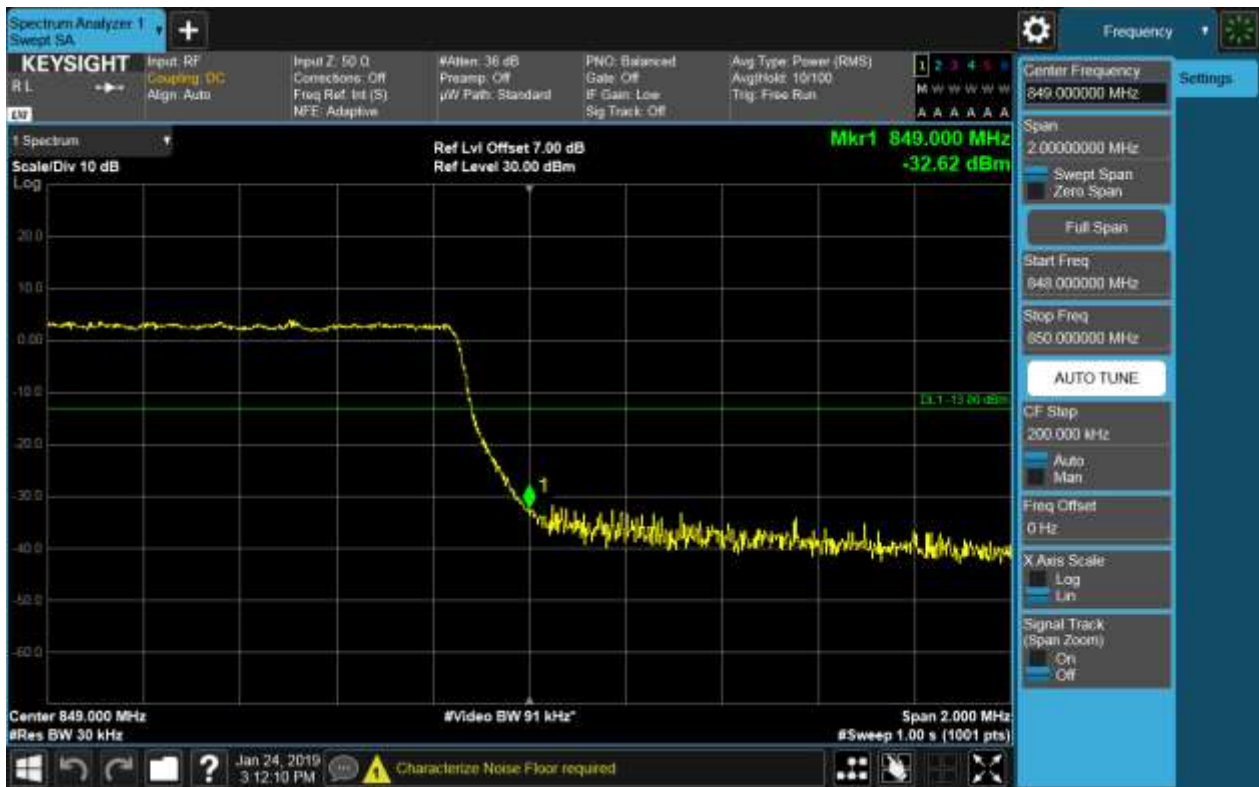


The screenshot displays a Keysight Spectrum Analyzer interface. The main plot area shows a signal spectrum with a prominent peak at 849.000 MHz, labeled 'Mkr1 849.000 MHz -22.02 dBm'. The x-axis represents frequency in MHz, and the y-axis represents power in dBm. The signal is a narrowband peak. The interface includes various settings panels on the right and bottom, such as 'Center Frequency', 'Span', 'Start Freq', 'Stop Freq', 'X Axis Scale', and 'Signal Track'. The bottom status bar shows the date 'Jan 24, 2019' and a warning 'Characterize Noise Floor required'.

5.1.1.2.2.3 Test RB = RB8#4



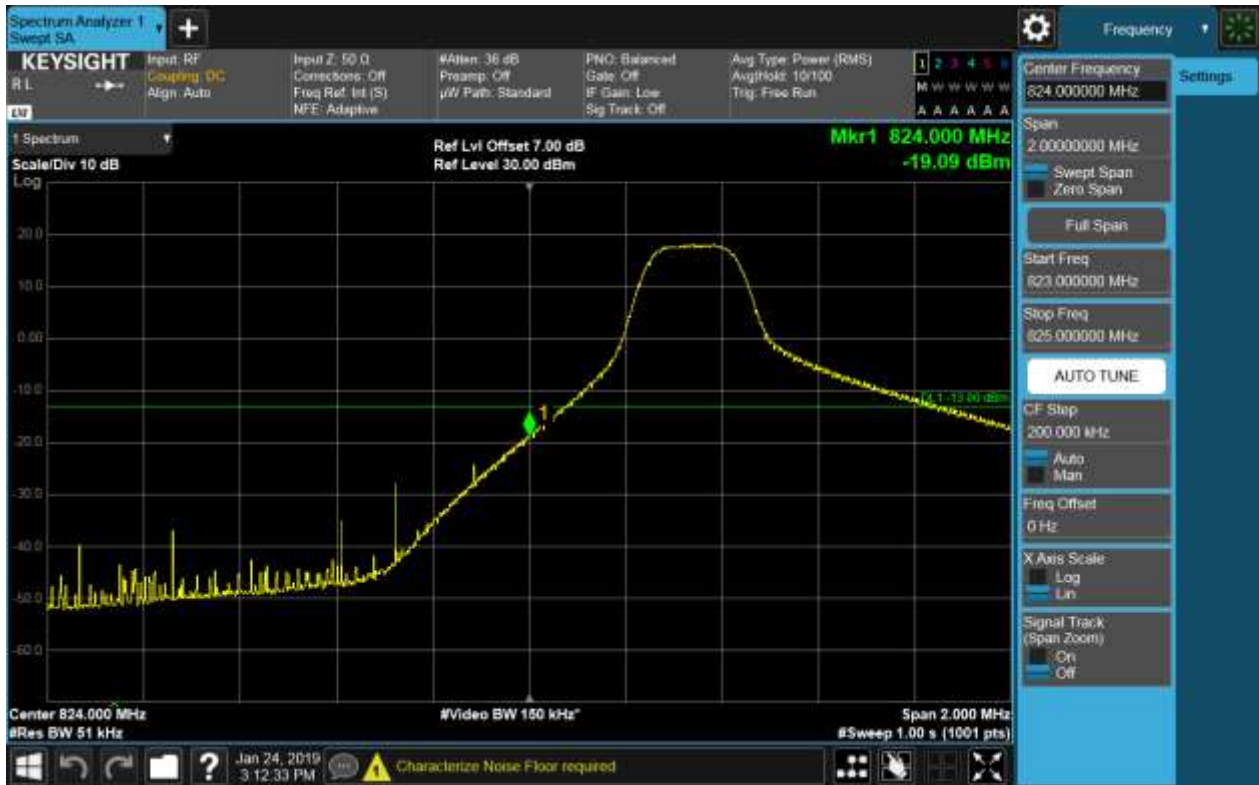
5.1.1.2.2.4 Test RB = RB15#0



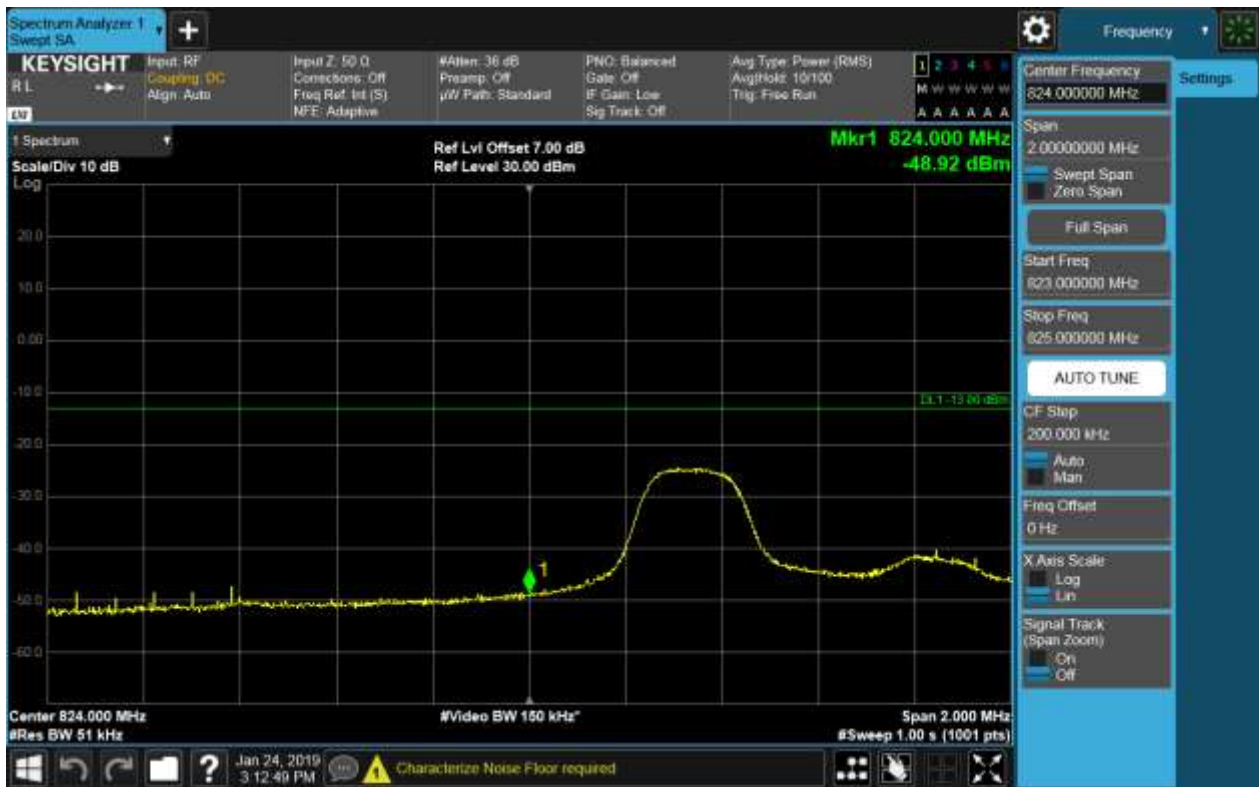
5.1.1.2.3 Test Bandwidth = 5

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

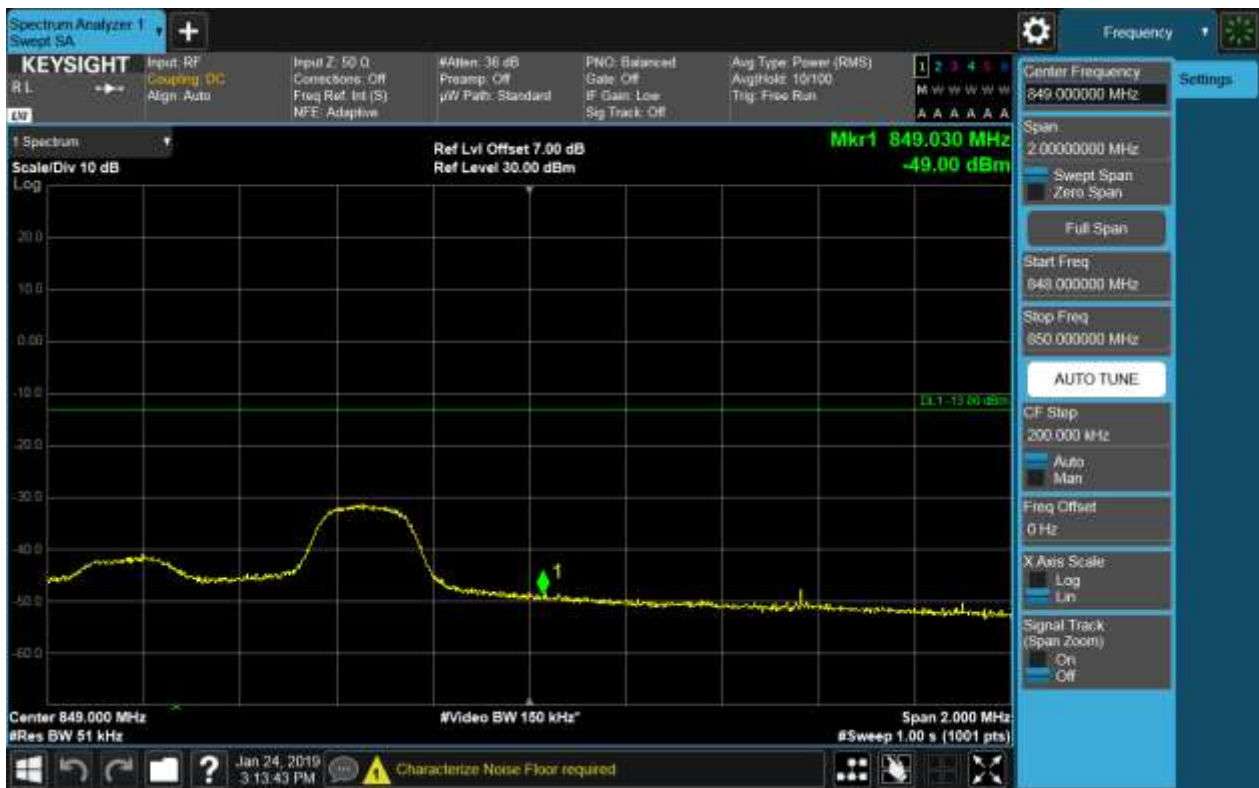


5.1.1.2.3.1.4 Test RB = RB25#0

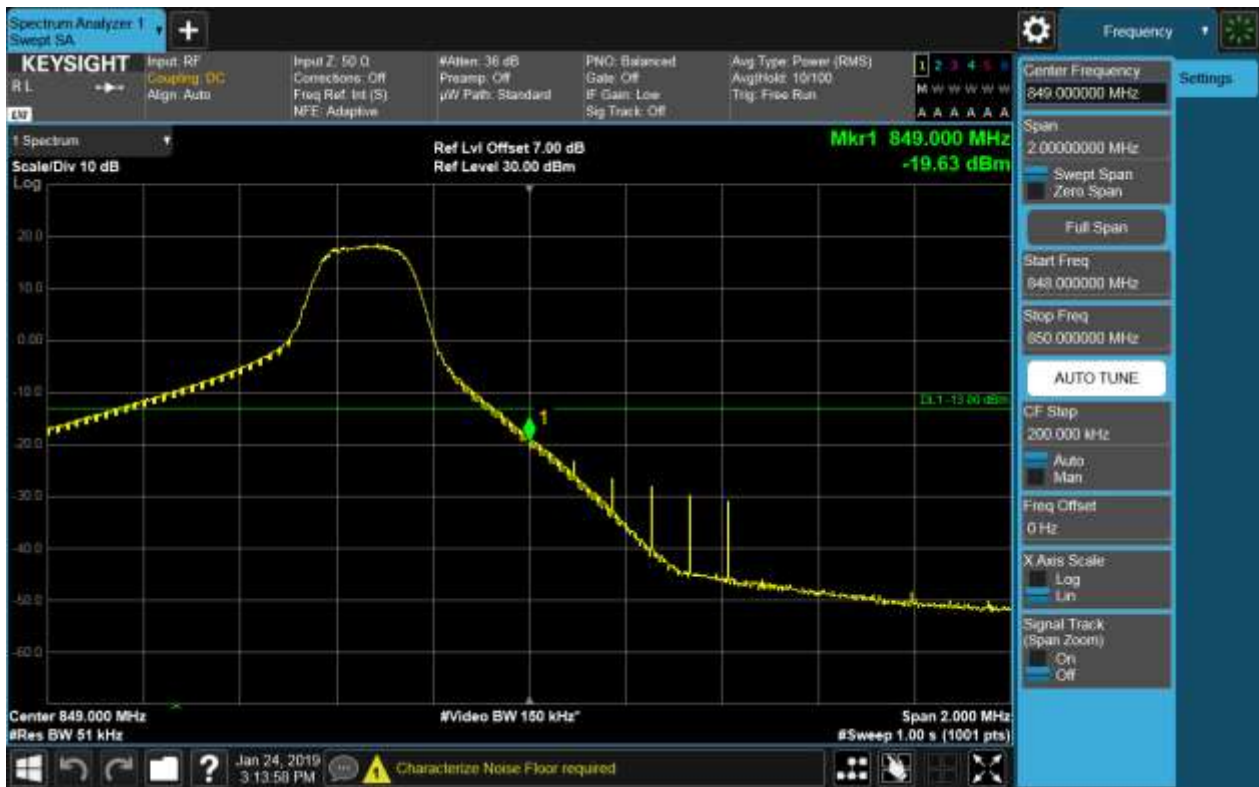


5.1.1.2.3.2 Test Channel = HCH

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



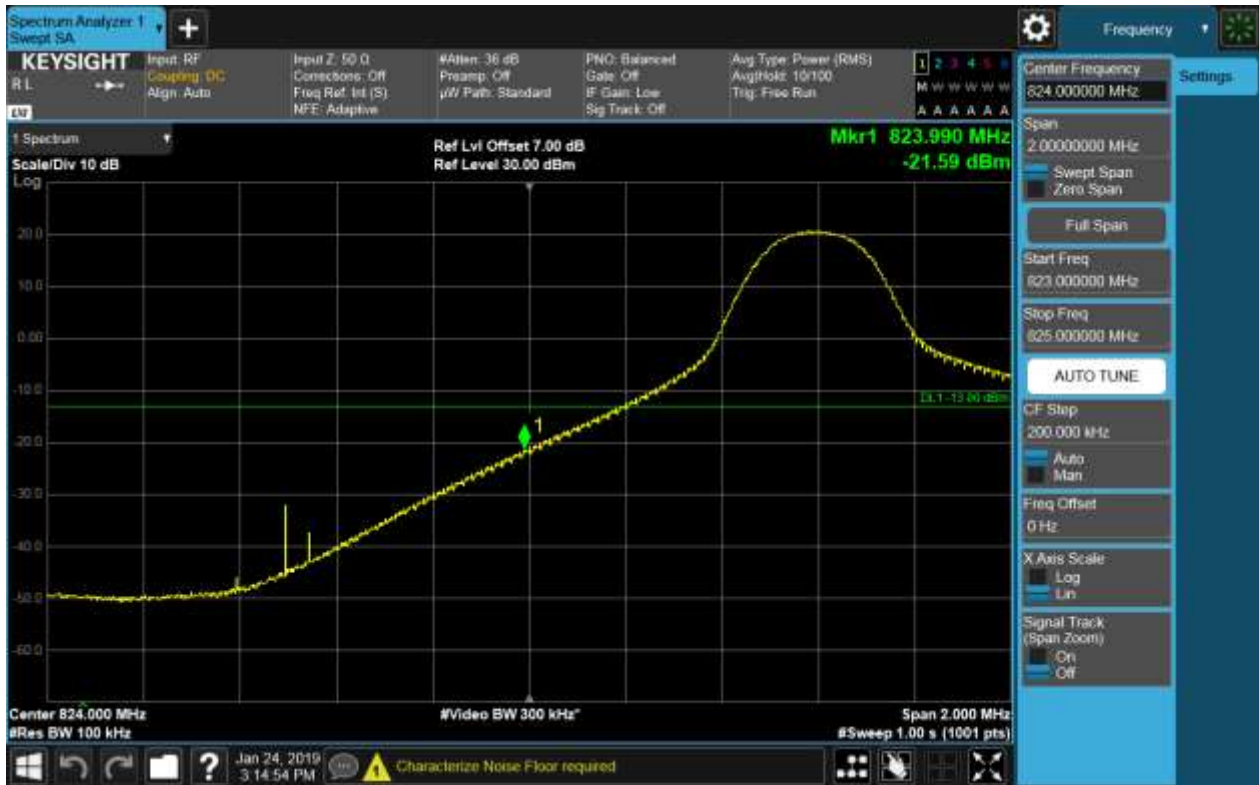
5.1.1.2.3.2.4 Test RB = RB25#0



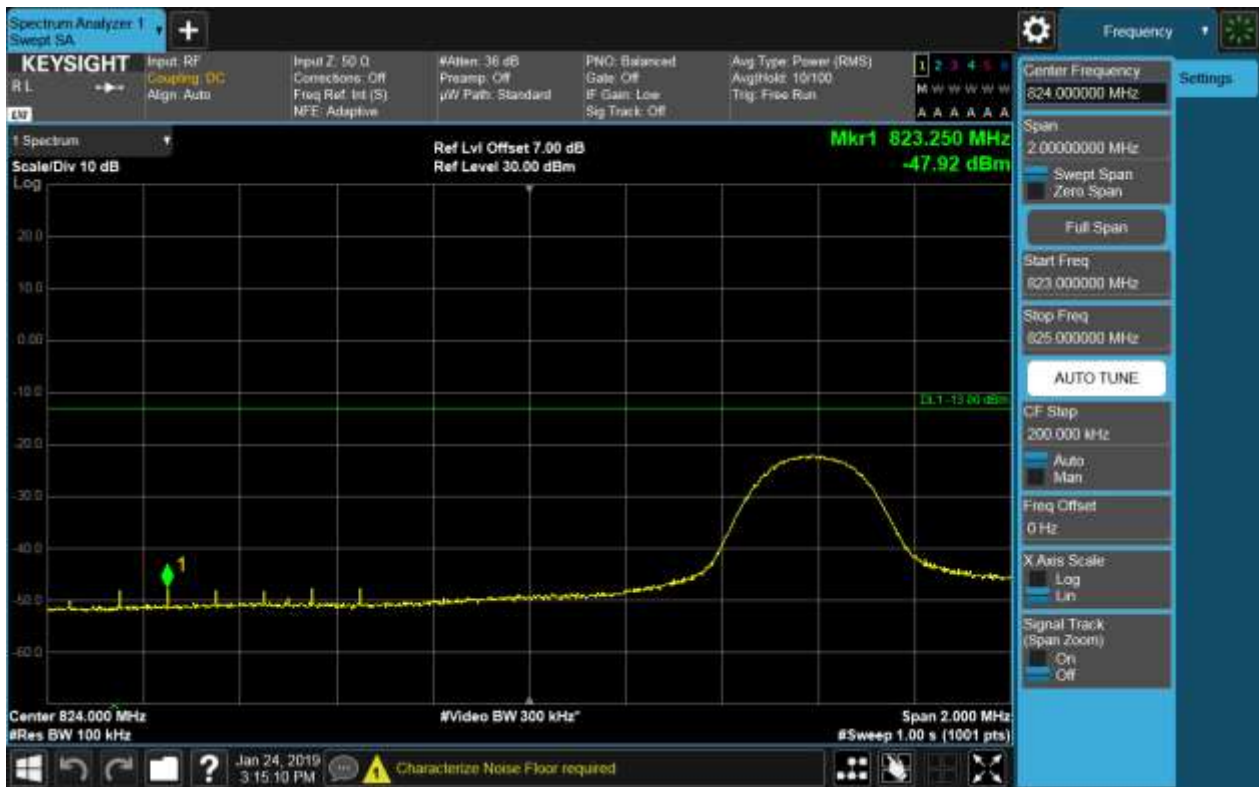
5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

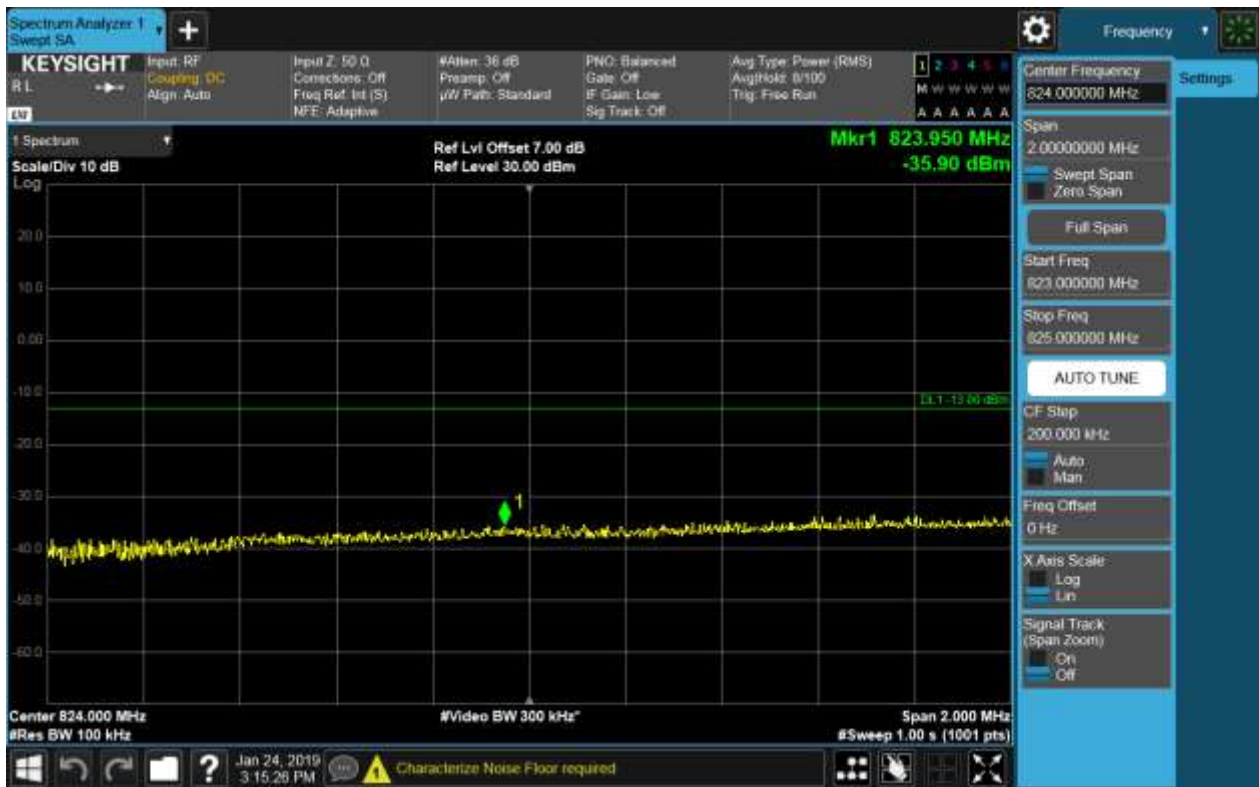
5.1.1.2.4.1.1 Test RB = RB1#0



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



5.1.1.2.4.2.4 Test RB = RB50#0



6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = Band5

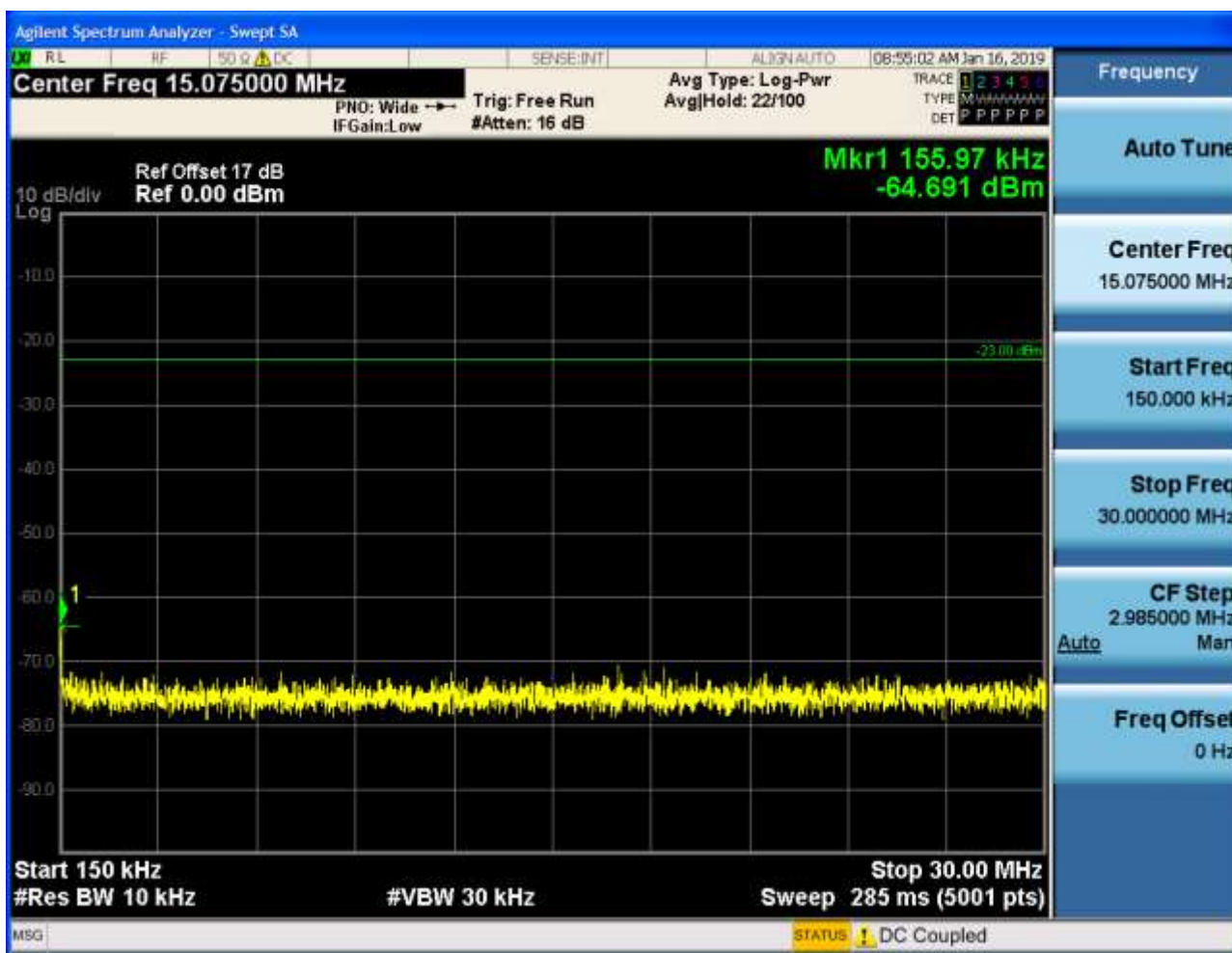
6.1.1.1 Test Mode = LTE/TM1

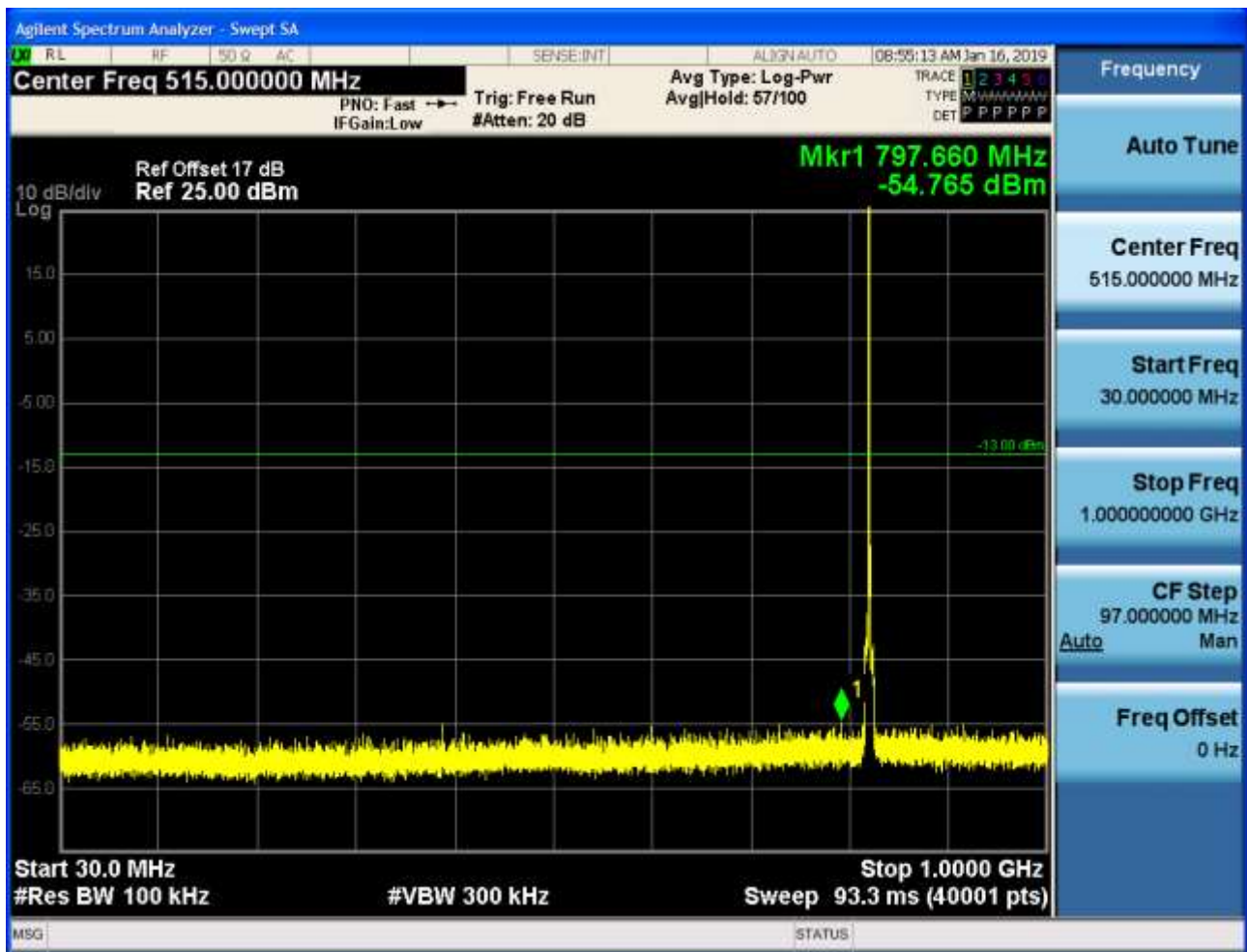
6.1.1.1.1 Test Bandwidth = 1.4

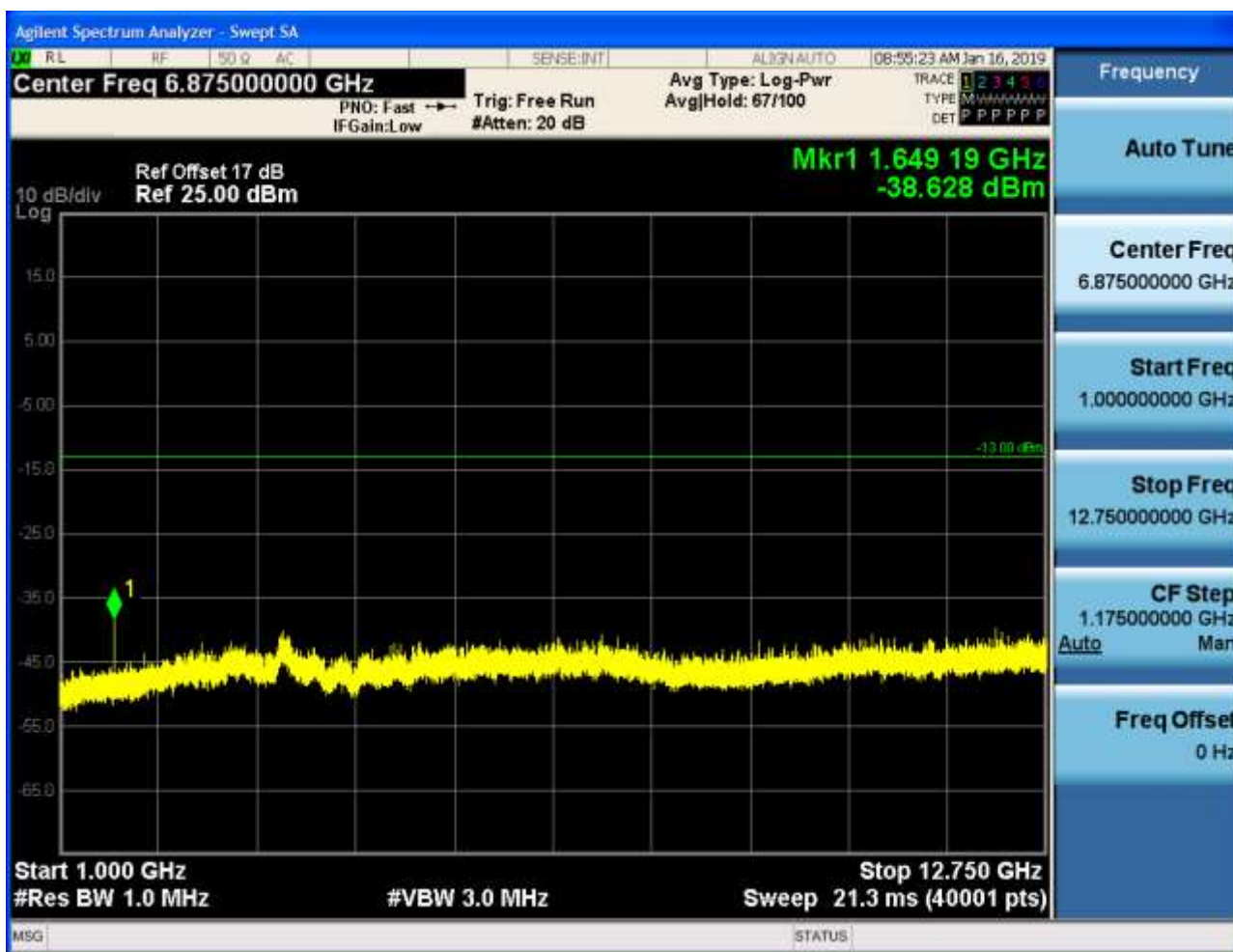
6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0



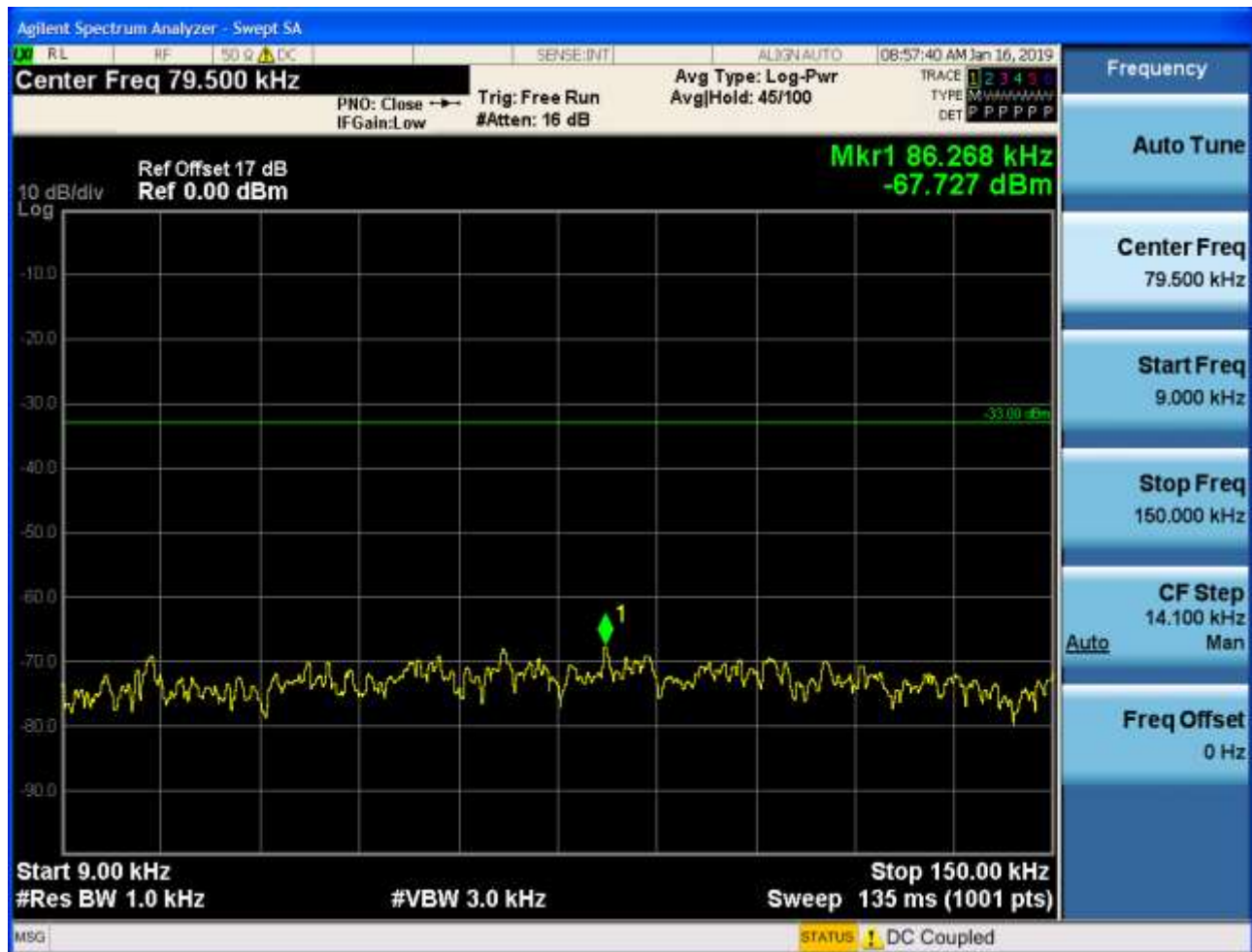




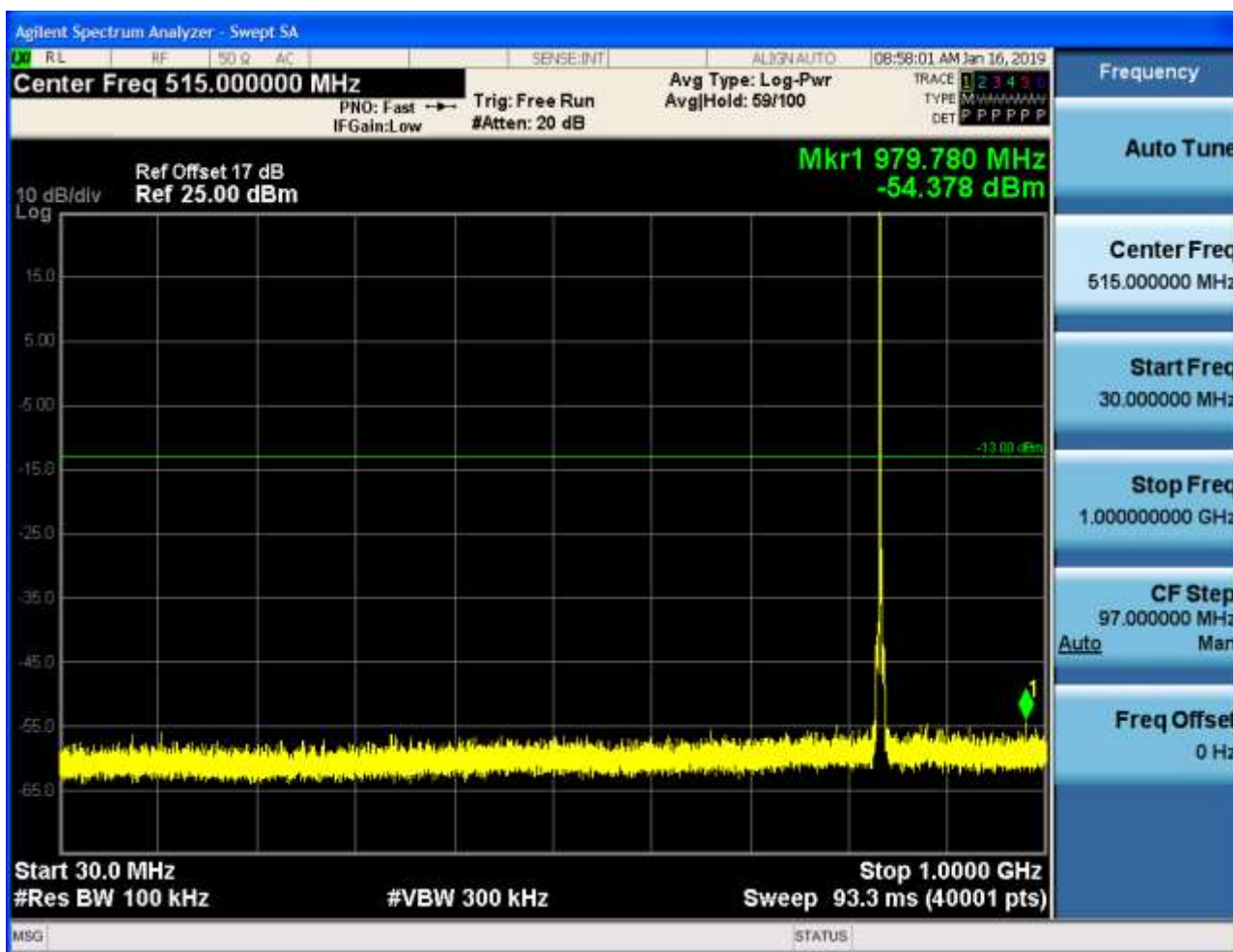


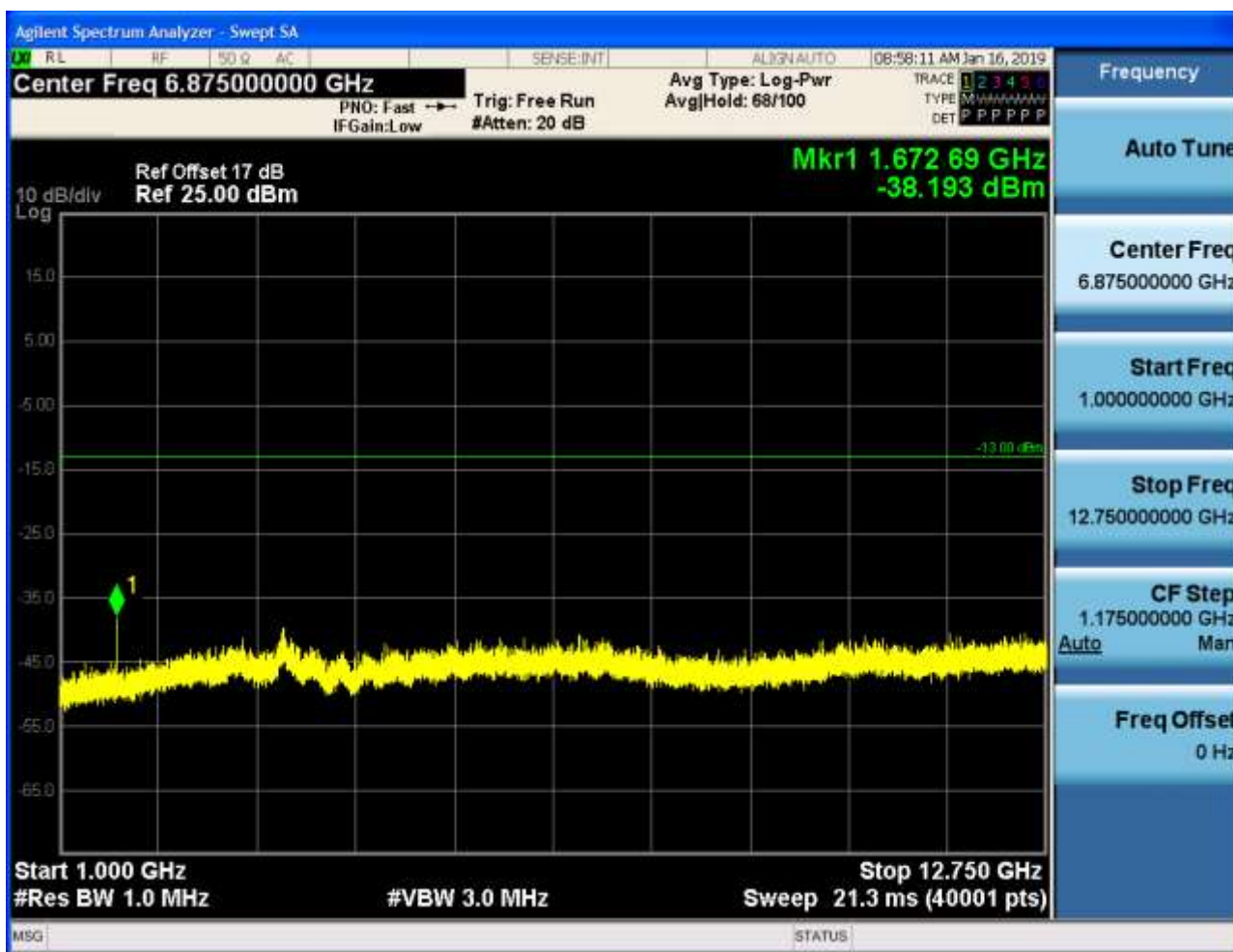
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0







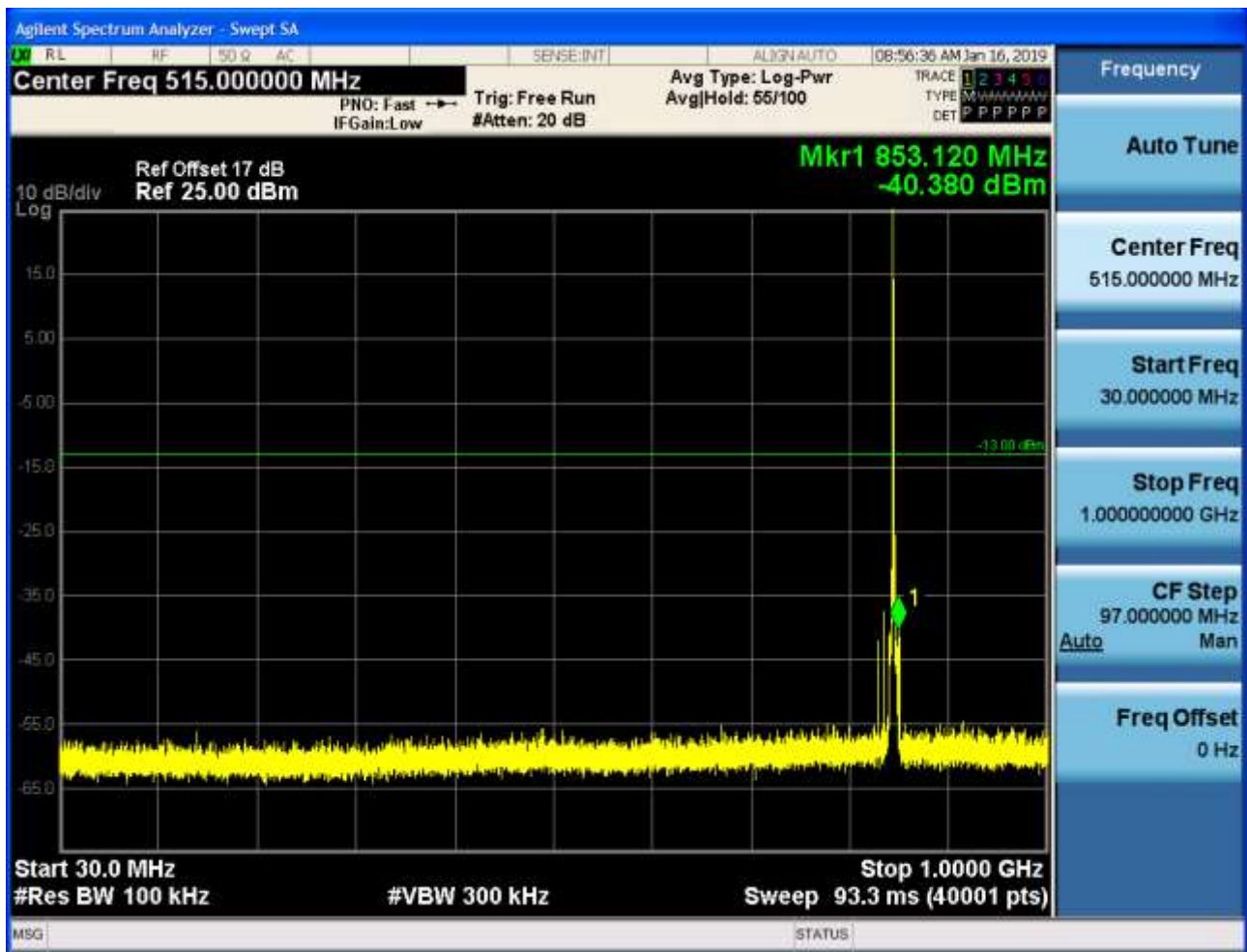


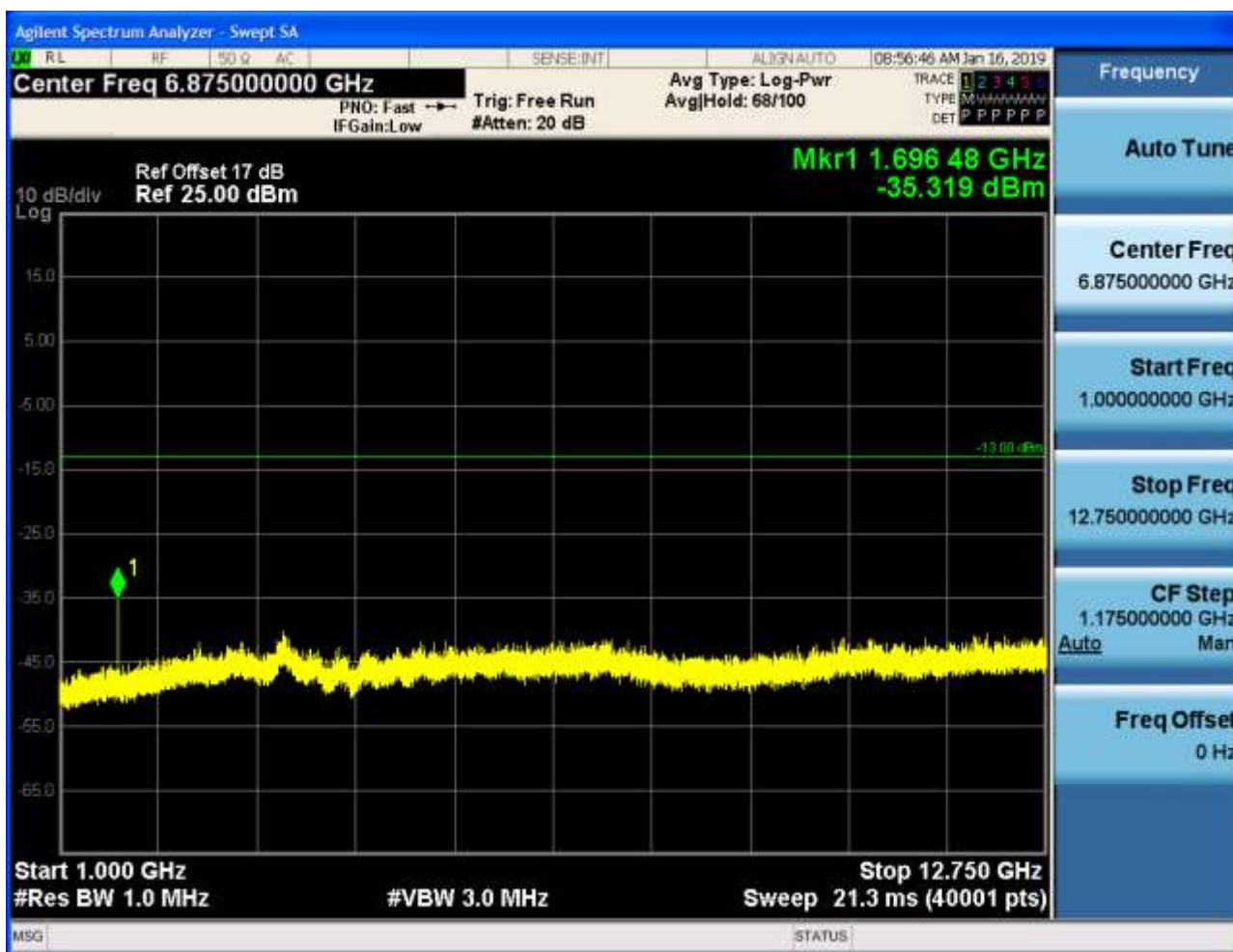
6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0







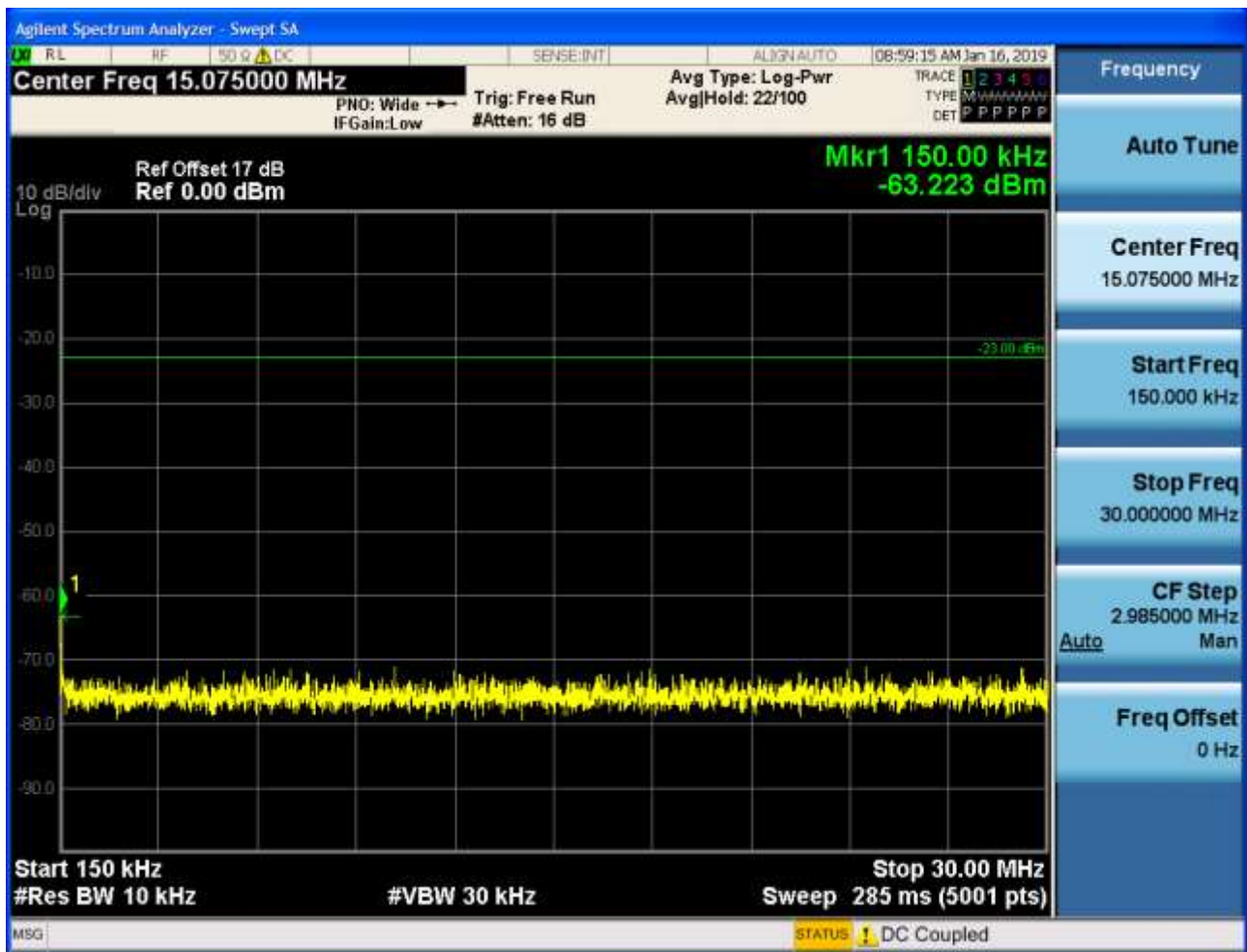


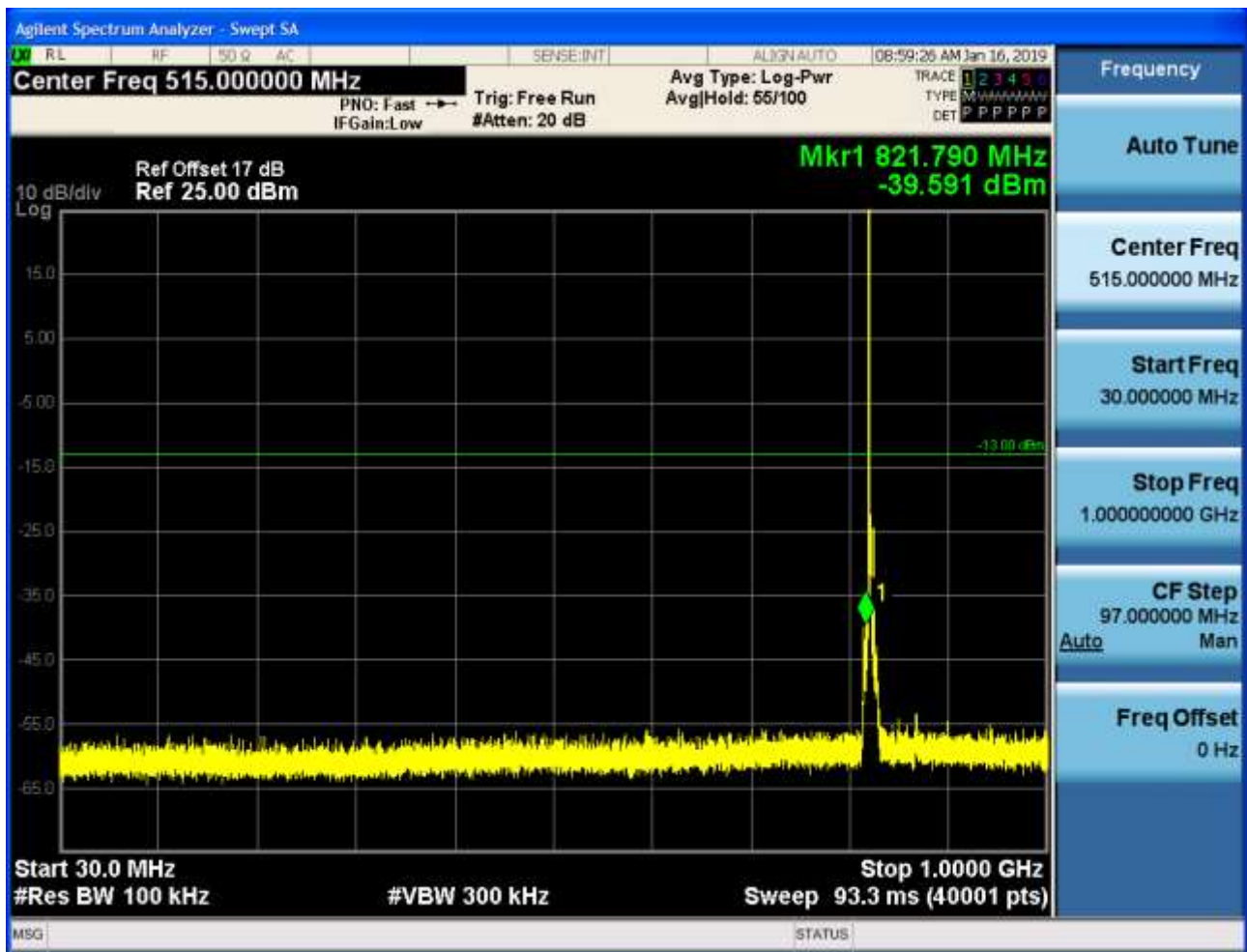
6.2.1.1.2 Test Bandwidth = 3

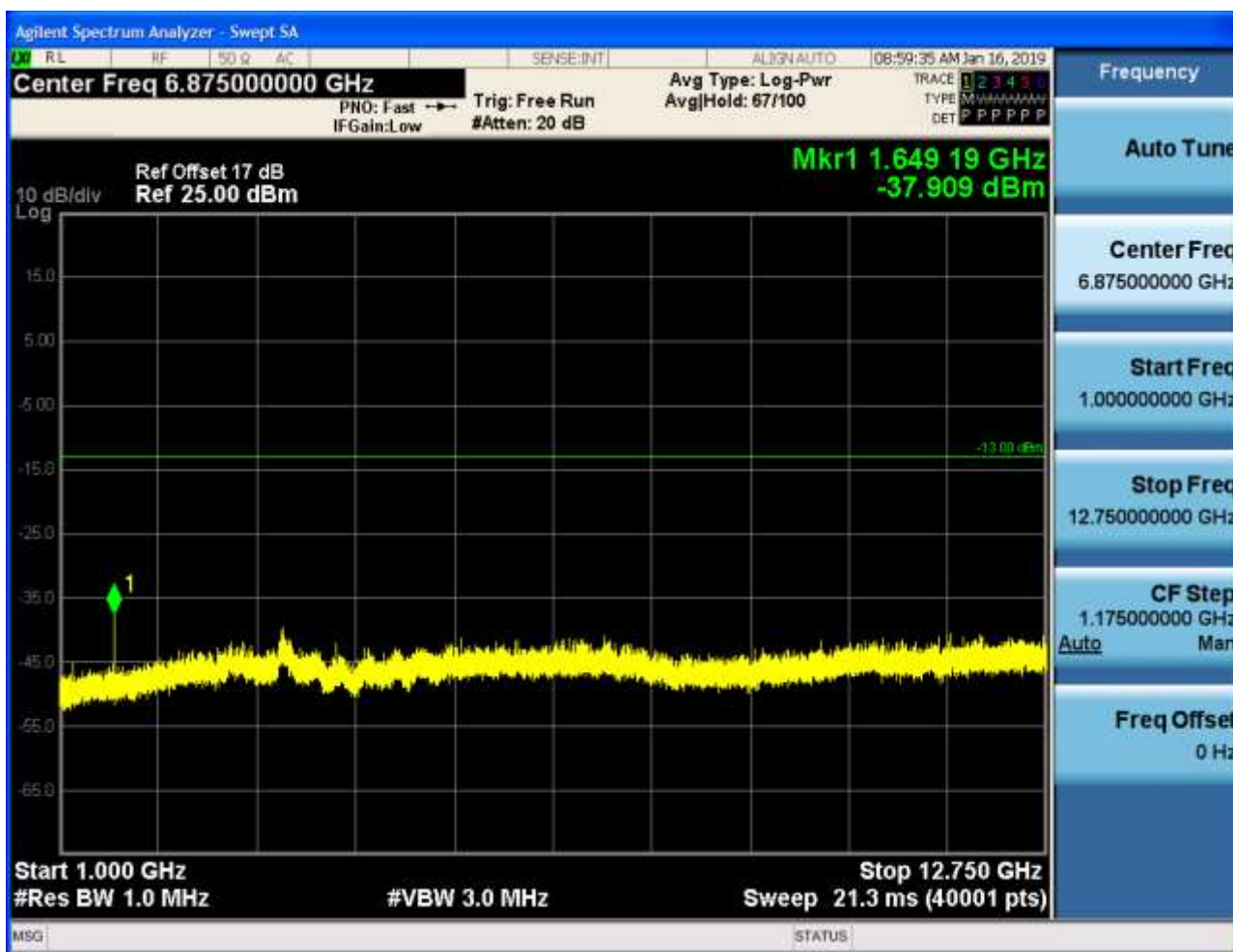
6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0







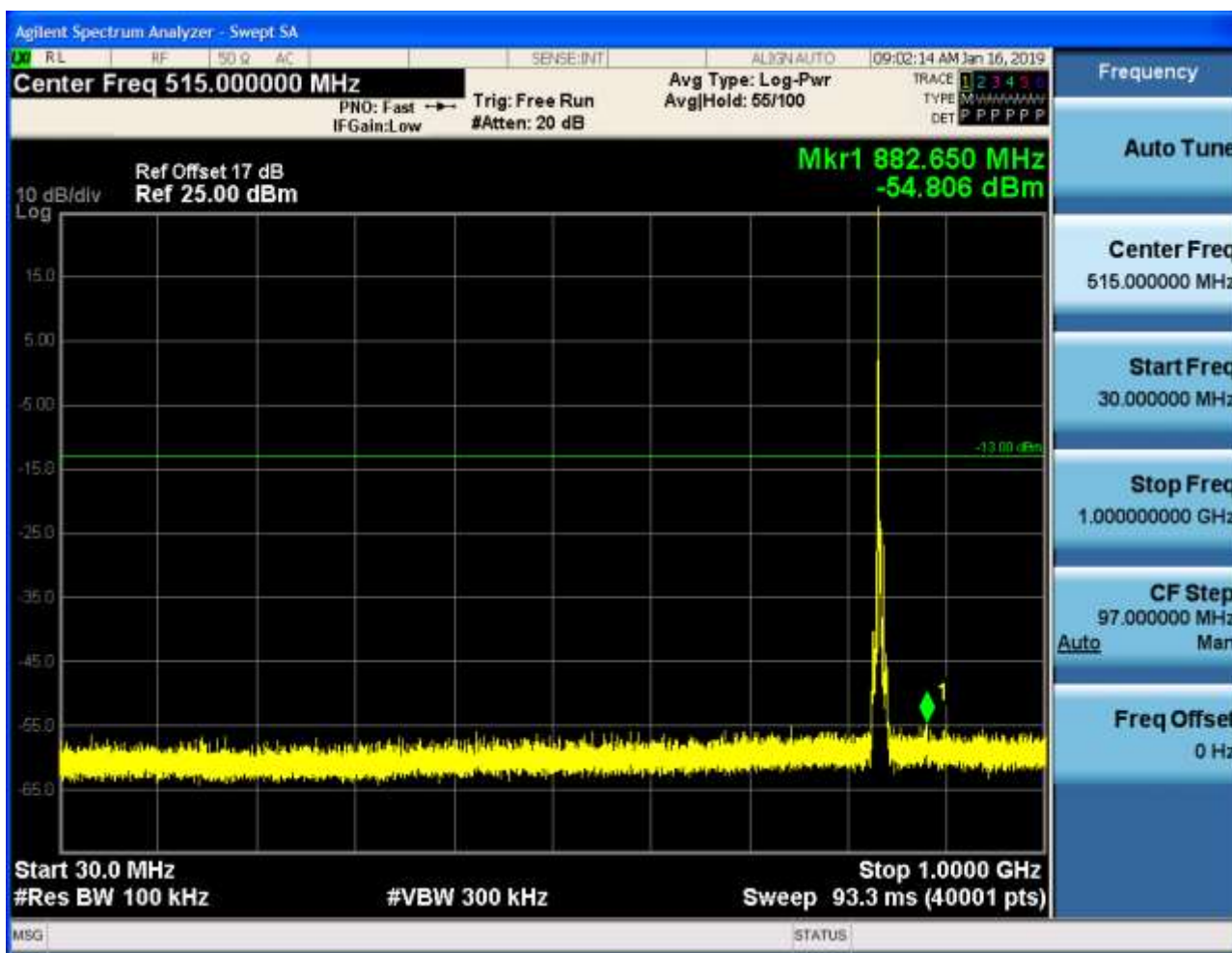


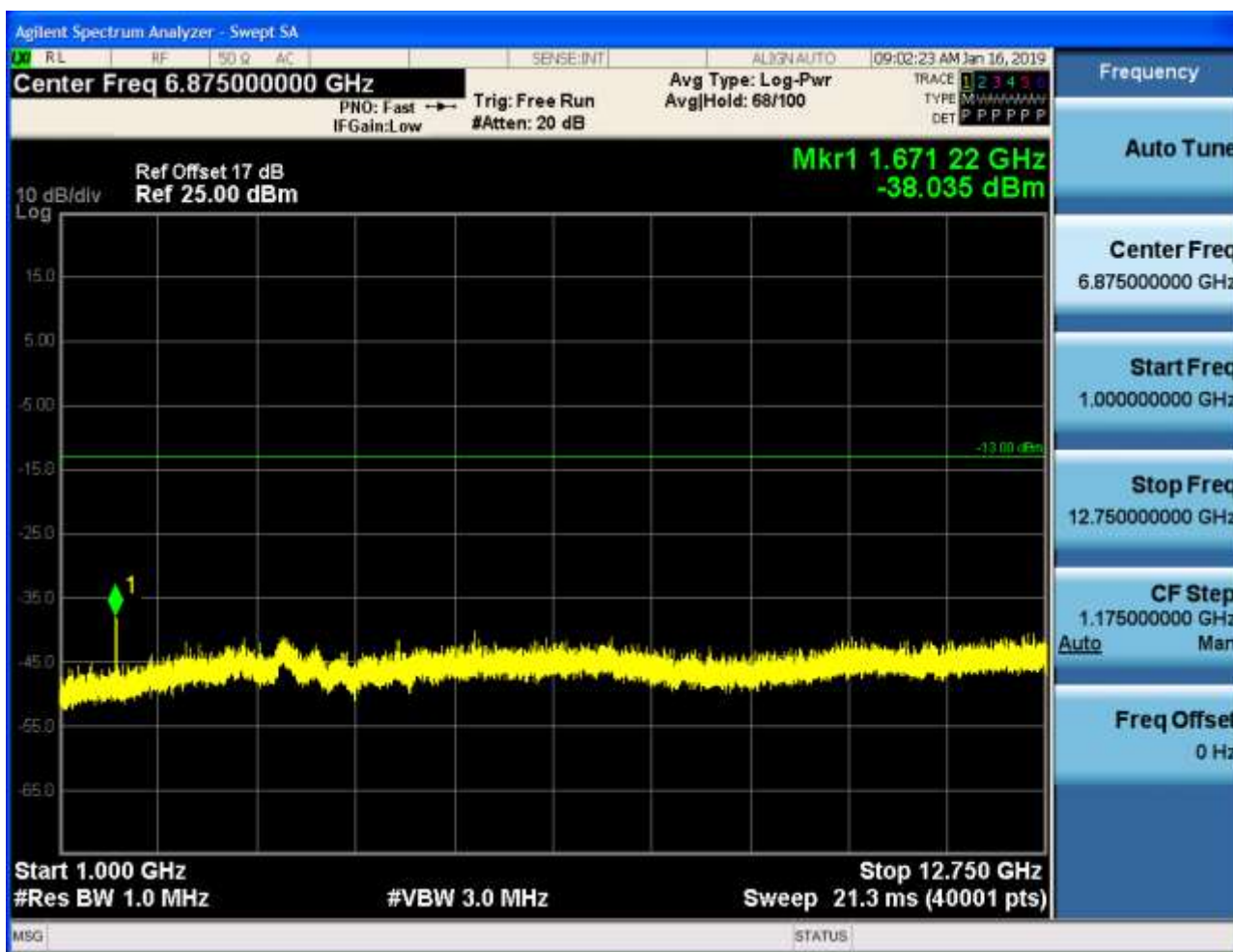
6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0









6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0

