



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	23.82	19.74	38.5	PASS
				RB1#3	23.27	18.88	38.5	PASS
				RB1#5	23.82	19.71	38.5	PASS
				RB3#0	23.64	19.27	38.5	PASS
				RB3#2	23.27	18.89	38.5	PASS
				RB3#3	23.65	19.52	38.5	PASS
				RB6#0	22.65	18.25	38.5	PASS
			MCH	RB1#0	23.84	19.73	38.5	PASS
				RB1#3	23.54	19.46	38.5	PASS
				RB1#5	23.83	19.56	38.5	PASS
				RB3#0	23.56	19.51	38.5	PASS
				RB3#2	23.66	19.55	38.5	PASS
				RB3#3	23.64	19.57	38.5	PASS
				RB6#0	22.54	18.15	38.5	PASS
			HCH	RB1#0	23.68	19.47	38.5	PASS
				RB1#3	23.28	19.04	38.5	PASS
				RB1#5	23.65	19.52	38.5	PASS
				RB3#0	23.57	19.39	38.5	PASS
				RB3#2	23.59	19.34	38.5	PASS
				RB3#3	23.63	19.23	38.5	PASS
				RB6#0	22.59	18.46	38.5	PASS
		3	LCH	RB1#0	23.82	19.60	38.5	PASS
				RB1#7	23.4	18.98	38.5	PASS
				RB1#14	23.85	19.64	38.5	PASS
				RB8#0	22.57	18.40	38.5	PASS
				RB8#4	22.69	18.41	38.5	PASS
				RB8#7	22.7	18.47	38.5	PASS
				RB15#0	22.75	18.45	38.5	PASS
			MCH	RB1#0	23.67	19.28	38.5	PASS
				RB1#7	23.26	19.00	38.5	PASS
				RB1#14	23.67	19.35	38.5	PASS
				RB8#0	22.67	18.62	38.5	PASS
				RB8#4	22.61	18.16	38.5	PASS
				RB8#7	22.68	18.26	38.5	PASS

Test Band(L TE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit	Verdict
			HCH	RB15#0	22.75	18.59	38.5	PASS
				RB1#0	23.62	19.40	38.5	PASS
				RB1#7	24.2	19.84	38.5	PASS
				RB1#14	23.7	19.36	38.5	PASS
				RB8#0	22.55	18.42	38.5	PASS
				RB8#4	22.58	18.43	38.5	PASS
				RB8#7	22.61	18.51	38.5	PASS
				RB15#0	22.58	18.37	38.5	PASS
		5	LCH	RB1#0	23.76	19.57	38.5	PASS
				RB1#13	23.79	19.36	38.5	PASS
				RB1#24	23.73	19.42	38.5	PASS
				RB12#0	22.81	18.52	38.5	PASS
				RB12#6	22.69	18.34	38.5	PASS
				RB12#13	22.75	18.63	38.5	PASS
				RB25#0	22.67	18.55	38.5	PASS
			MCH	RB1#0	23.74	19.64	38.5	PASS
				RB1#13	23.75	19.64	38.5	PASS
				RB1#24	23.75	19.64	38.5	PASS
				RB12#0	22.8	18.62	38.5	PASS
				RB12#6	22.8	18.72	38.5	PASS
				RB12#13	22.75	18.57	38.5	PASS
				RB25#0	22.7	18.62	38.5	PASS
			HCH	RB1#0	23.66	19.28	38.5	PASS
				RB1#13	23.7	19.43	38.5	PASS
				RB1#24	23.7	19.64	38.5	PASS
				RB12#0	22.63	18.18	38.5	PASS
				RB12#6	22.68	18.62	38.5	PASS
				RB12#13	22.64	18.40	38.5	PASS
				RB25#0	22.64	18.47	38.5	PASS
		10	LCH	RB1#0	23.77	19.38	38.5	PASS
				RB1#25	23.46	19.24	38.5	PASS
				RB1#49	23.79	19.66	38.5	PASS
				RB25#0	22.77	18.34	38.5	PASS
				RB25#13	22.75	18.52	38.5	PASS
				RB25#25	22.74	18.58	38.5	PASS
				RB50#0	22.71	18.65	38.5	PASS
			MCH	RB1#0	23.74	19.67	38.5	PASS
				RB1#25	23.58	19.52	38.5	PASS
				RB1#49	23.64	19.44	38.5	PASS
				RB25#0	22.7	18.48	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit	Verdict
				RB25#13	22.71	18.45	38.5	PASS
				RB25#25	22.69	18.46	38.5	PASS
				RB50#0	22.71	18.53	38.5	PASS
			HCH	RB1#0	23.58	19.42	38.5	PASS
				RB1#25	23.4	19.27	38.5	PASS
				RB1#49	23.69	19.62	38.5	PASS
				RB25#0	22.64	18.22	38.5	PASS
				RB25#13	22.67	18.29	38.5	PASS
				RB25#25	22.64	18.51	38.5	PASS
				RB50#0	22.64	18.44	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.76	18.55	38.5	PASS
				RB1#3	22.65	18.28	38.5	PASS
				RB1#5	22.78	18.66	38.5	PASS
				RB3#0	22.81	18.65	38.5	PASS
				RB3#2	22.46	18.05	38.5	PASS
				RB3#3	22.78	18.64	38.5	PASS
				RB6#0	21.74	17.41	38.5	PASS
			MCH	RB1#0	22.88	18.67	38.5	PASS
				RB1#3	22.59	18.53	38.5	PASS
				RB1#5	22.85	18.69	38.5	PASS
				RB3#0	22.84	18.52	38.5	PASS
				RB3#2	22.8	18.68	38.5	PASS
				RB3#3	22.77	18.67	38.5	PASS
				RB6#0	21.6	17.22	38.5	PASS
			HCH	RB1#0	22.78	18.54	38.5	PASS
				RB1#3	22.48	18.24	38.5	PASS
				RB1#5	22.82	18.75	38.5	PASS
				RB3#0	22.56	18.48	38.5	PASS
				RB3#2	22.29	17.89	38.5	PASS
				RB3#3	22.48	18.22	38.5	PASS
				RB6#0	21.62	17.17	38.5	PASS
		3	LCH	RB1#0	23.1	18.81	38.5	PASS
				RB1#7	22.04	17.71	38.5	PASS
				RB1#14	23.1	18.85	38.5	PASS
				RB8#0	21.64	17.47	38.5	PASS
				RB8#4	21.74	17.47	38.5	PASS
				RB8#7	21.64	17.45	38.5	PASS
				RB15#0	21.69	17.58	38.5	PASS
			MCH	RB1#0	22.97	18.76	38.5	PASS
				RB1#7	22.92	18.63	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit	Verdict
				RB1#14	22.93	18.50	38.5	PASS
				RB8#0	21.54	17.45	38.5	PASS
				RB8#4	21.74	17.40	38.5	PASS
				RB8#7	21.68	17.33	38.5	PASS
				RB15#0	21.67	17.45	38.5	PASS
			HCH	RB1#0	22.79	18.48	38.5	PASS
				RB1#7	22.84	18.69	38.5	PASS
				RB1#14	23	18.67	38.5	PASS
				RB8#0	21.52	17.28	38.5	PASS
				RB8#4	21.5	17.41	38.5	PASS
				RB8#7	21.66	17.46	38.5	PASS
				RB15#0	21.52	17.38	38.5	PASS
		5	LCH	RB1#0	22.94	18.66	38.5	PASS
				RB1#13	22.95	18.77	38.5	PASS
				RB1#24	22.9	18.57	38.5	PASS
				RB12#0	21.77	17.67	38.5	PASS
				RB12#6	21.69	17.40	38.5	PASS
				RB12#13	21.84	17.41	38.5	PASS
				RB25#0	21.65	17.30	38.5	PASS
			MCH	RB1#0	23.03	18.92	38.5	PASS
				RB1#13	23.05	18.79	38.5	PASS
				RB1#24	23.02	18.74	38.5	PASS
				RB12#0	21.7	17.48	38.5	PASS
				RB12#6	21.76	17.42	38.5	PASS
				RB12#13	21.75	17.39	38.5	PASS
				RB25#0	21.7	17.28	38.5	PASS
			HCH	RB1#0	23	18.90	38.5	PASS
				RB1#13	22.95	18.68	38.5	PASS
				RB1#24	22.99	18.84	38.5	PASS
				RB12#0	21.69	17.24	38.5	PASS
				RB12#6	21.54	17.29	38.5	PASS
				RB12#13	21.63	17.31	38.5	PASS
				RB25#0	21.63	17.41	38.5	PASS
		10	LCH	RB1#0	22.83	18.63	38.5	PASS
				RB1#25	22.27	17.82	38.5	PASS
				RB1#49	22.86	18.69	38.5	PASS
				RB25#0	21.66	17.37	38.5	PASS
				RB25#13	21.68	17.47	38.5	PASS
				RB25#25	21.63	17.31	38.5	PASS
				RB50#0	21.76	17.44	38.5	PASS



Test Band (LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit	Verdict
			MCH	RB1#0	23	18.65	38.5	PASS
				RB1#25	22.57	18.39	38.5	PASS
				RB1#49	22.98	18.57	38.5	PASS
				RB25#0	21.66	17.61	38.5	PASS
				RB25#13	21.68	17.45	38.5	PASS
				RB25#25	21.63	17.56	38.5	PASS
				RB50#0	21.62	17.42	38.5	PASS
			HCH	RB1#0	22.74	18.53	38.5	PASS
				RB1#25	22.58	18.29	38.5	PASS
				RB1#49	22.73	18.46	38.5	PASS
				RB25#0	21.62	17.27	38.5	PASS
				RB25#13	21.57	17.40	38.5	PASS
				RB25#25	21.61	17.39	38.5	PASS
				RB50#0	21.56	17.20	38.5	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP = Signal Generator Level

Note2:

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

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

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

SET Sweep time = auto - couple.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
Band5	LTE/TM1	1.4	LCH	RB1#0	4.32	13	PASS
				RB1#3	4.33	13	PASS
				RB1#5	4.04	13	PASS
				RB3#0	4.83	13	PASS
				RB3#2	4.80	13	PASS
				RB3#3	4.77	13	PASS
				RB6#0	5.54	13	PASS
			MCH	RB1#0	5.02	13	PASS
				RB1#3	5.20	13	PASS
				RB1#5	5.07	13	PASS
				RB3#0	5.28	13	PASS
				RB3#2	5.32	13	PASS
				RB3#3	5.44	13	PASS
				RB6#0	6.14	13	PASS
			HCH	RB1#0	4.21	13	PASS
				RB1#3	4.39	13	PASS
				RB1#5	4.22	13	PASS
				RB3#0	4.59	13	PASS
				RB3#2	4.77	13	PASS
				RB3#3	4.57	13	PASS
				RB6#0	5.70	13	PASS
		3	LCH	RB1#0	4.70	13	PASS
				RB1#7	4.46	13	PASS
				RB1#14	4.09	13	PASS
				RB8#0	5.42	13	PASS
				RB8#4	5.28	13	PASS
				RB8#7	5.36	13	PASS
				RB15#0	5.64	13	PASS
			MCH	RB1#0	4.22	13	PASS
				RB1#7	4.29	13	PASS
				RB1#14	4.77	13	PASS
				RB8#0	5.86	13	PASS
				RB8#4	5.87	13	PASS
				RB8#7	5.91	13	PASS
				RB15#0	5.98	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.47	13	PASS
				RB1#7	4.48	13	PASS
				RB1#14	4.35	13	PASS
				RB8#0	5.48	13	PASS
				RB8#4	5.41	13	PASS
				RB8#7	5.44	13	PASS
				RB15#0	5.71	13	PASS
		5	LCH	RB1#0	4.67	13	PASS
				RB1#13	4.42	13	PASS
				RB1#24	4.55	13	PASS
				RB12#0	5.41	13	PASS
				RB12#6	5.34	13	PASS
				RB12#13	5.31	13	PASS
				RB25#0	5.74	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#13	4.82	13	PASS
				RB1#24	4.82	13	PASS
				RB12#0	6.04	13	PASS
				RB12#6	6.05	13	PASS
				RB12#13	6.11	13	PASS
				RB25#0	6.14	13	PASS
			HCH	RB1#0	4.49	13	PASS
				RB1#13	4.30	13	PASS
				RB1#24	4.23	13	PASS
				RB12#0	5.69	13	PASS
				RB12#6	5.52	13	PASS
				RB12#13	5.68	13	PASS
				RB25#0	5.87	13	PASS
		10	LCH	RB1#0	4.28	13	PASS
				RB1#25	4.45	13	PASS
				RB1#49	4.74	13	PASS
				RB25#0	5.81	13	PASS
				RB25#13	5.60	13	PASS
				RB25#25	5.94	13	PASS
				RB50#0	6.11	13	PASS
			MCH	RB1#0	4.45	13	PASS
				RB1#25	5.11	13	PASS
				RB1#49	4.70	13	PASS
				RB25#0	5.99	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	6.17	13	PASS
				RB25#25	6.18	13	PASS
				RB50#0	6.32	13	PASS
			HCH	RB1#0	4.71	13	PASS
				RB1#25	4.27	13	PASS
				RB1#49	4.08	13	PASS
				RB25#0	5.91	13	PASS
				RB25#13	5.65	13	PASS
				RB25#25	5.57	13	PASS
				RB50#0	6.06	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.60	13	PASS
				RB1#3	5.48	13	PASS
				RB1#5	4.89	13	PASS
				RB3#0	5.61	13	PASS
				RB3#2	5.63	13	PASS
				RB3#3	5.39	13	PASS
				RB6#0	6.43	13	PASS
			MCH	RB1#0	5.30	13	PASS
				RB1#3	5.53	13	PASS
				RB1#5	5.41	13	PASS
				RB3#0	6.18	13	PASS
				RB3#2	6.43	13	PASS
				RB3#3	5.88	13	PASS
				RB6#0	6.83	13	PASS
			HCH	RB1#0	5.15	13	PASS
				RB1#3	5.08	13	PASS
				RB1#5	4.92	13	PASS
				RB3#0	5.59	13	PASS
				RB3#2	5.46	13	PASS
				RB3#3	5.57	13	PASS
				RB6#0	6.39	13	PASS
		3	LCH	RB1#0	5.07	13	PASS
				RB1#7	5.56	13	PASS
				RB1#14	4.86	13	PASS
				RB8#0	6.40	13	PASS
				RB8#4	6.19	13	PASS
				RB8#7	6.25	13	PASS
				RB15#0	6.32	13	PASS
			MCH	RB1#0	5.65	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	5.81	13	PASS
				RB1#14	5.97	13	PASS
				RB8#0	6.85	13	PASS
				RB8#4	6.89	13	PASS
				RB8#7	6.84	13	PASS
				RB15#0	6.74	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#7	4.87	13	PASS
				RB1#14	4.72	13	PASS
				RB8#0	6.47	13	PASS
				RB8#4	6.41	13	PASS
				RB8#7	6.41	13	PASS
				RB15#0	6.37	13	PASS
		5	LCH	RB1#0	5.49	13	PASS
				RB1#13	5.33	13	PASS
				RB1#24	5.32	13	PASS
				RB12#0	6.42	13	PASS
				RB12#6	6.36	13	PASS
				RB12#13	6.18	13	PASS
				RB25#0	6.94	13	PASS
			MCH	RB1#0	5.45	13	PASS
				RB1#13	5.65	13	PASS
				RB1#24	5.62	13	PASS
				RB12#0	6.85	13	PASS
				RB12#6	6.83	13	PASS
				RB12#13	7.07	13	PASS
				RB25#0	7.24	13	PASS
			HCH	RB1#0	4.86	13	PASS
				RB1#13	4.85	13	PASS
				RB1#24	4.78	13	PASS
				RB12#0	6.55	13	PASS
				RB12#6	6.54	13	PASS
				RB12#13	6.51	13	PASS
				RB25#0	6.67	13	PASS
		10	LCH	RB1#0	4.99	13	PASS
				RB1#25	5.18	13	PASS
				RB1#49	5.26	13	PASS
				RB25#0	6.50	13	PASS
				RB25#13	6.40	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.71	13	PASS
				RB50#0	6.86	13	PASS
			MCH	RB1#0	5.60	13	PASS
				RB1#25	6.13	13	PASS
				RB1#49	5.87	13	PASS
				RB25#0	7.04	13	PASS
				RB25#13	7.20	13	PASS
				RB25#25	7.27	13	PASS
				RB50#0	7.23	13	PASS
			HCH	RB1#0	5.67	13	PASS
				RB1#25	5.32	13	PASS
				RB1#49	5.09	13	PASS
				RB25#0	6.92	13	PASS
				RB25#13	6.63	13	PASS
				RB25#25	6.58	13	PASS
				RB50#0	6.89	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

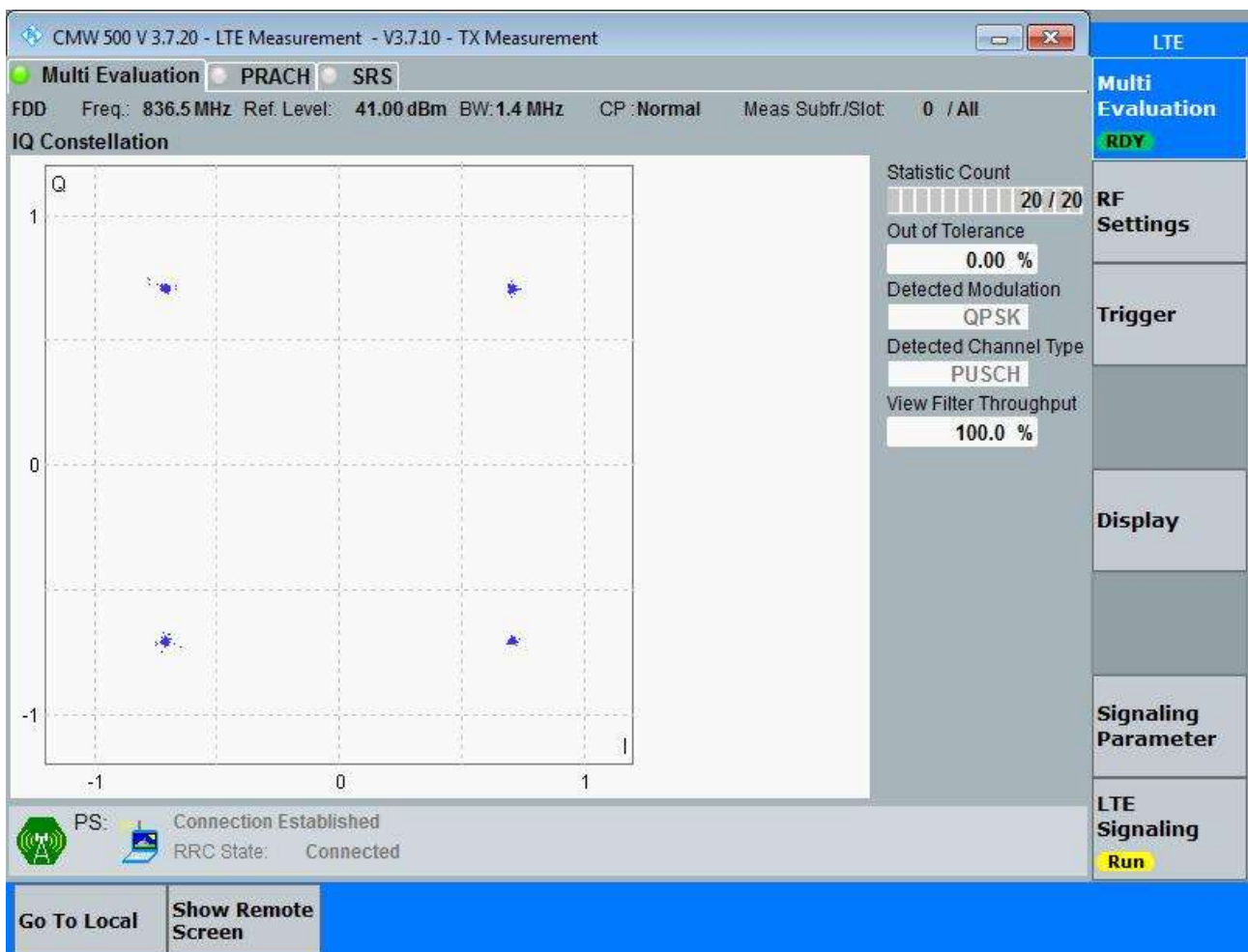
3.1.1 Test Band = Band5

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

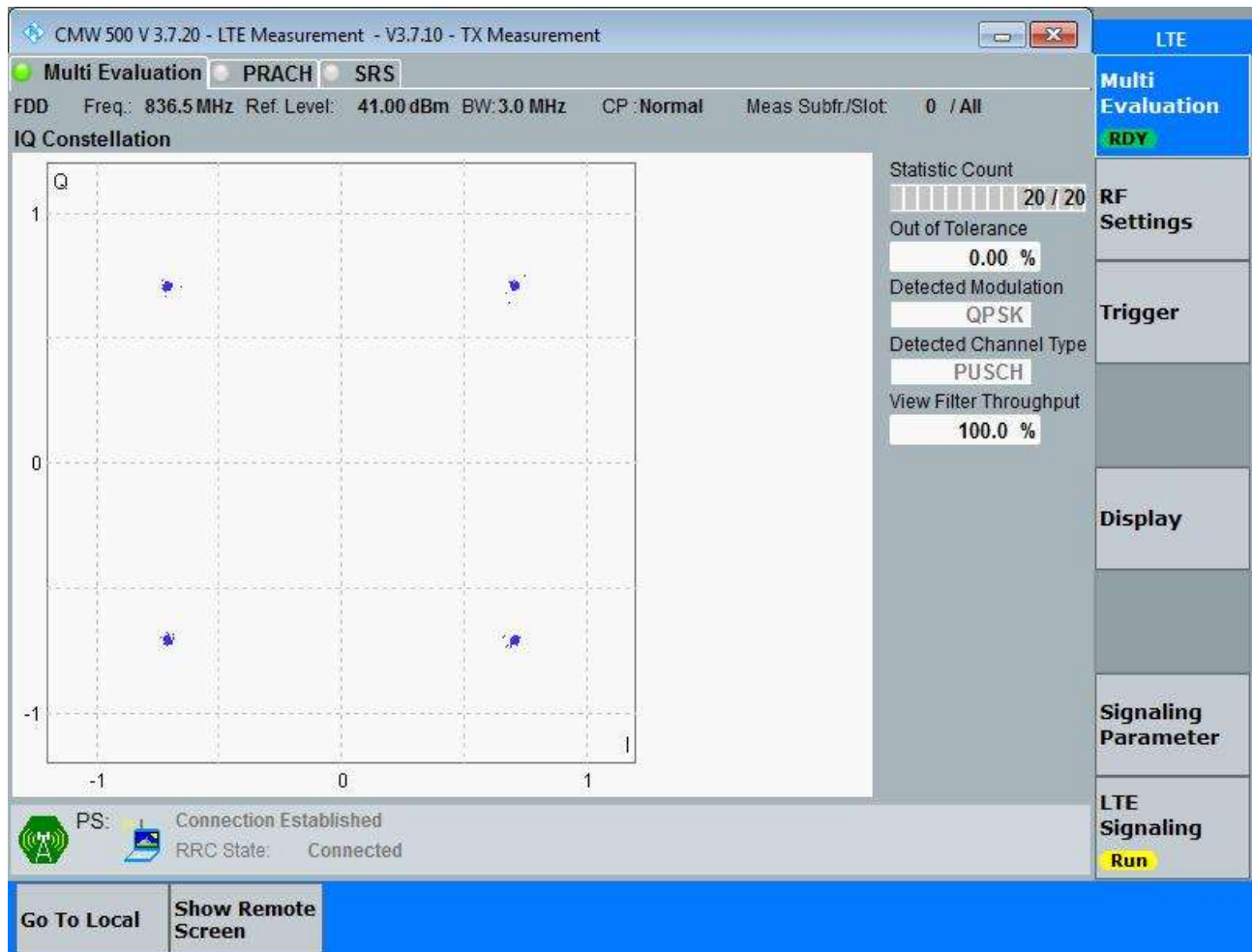
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

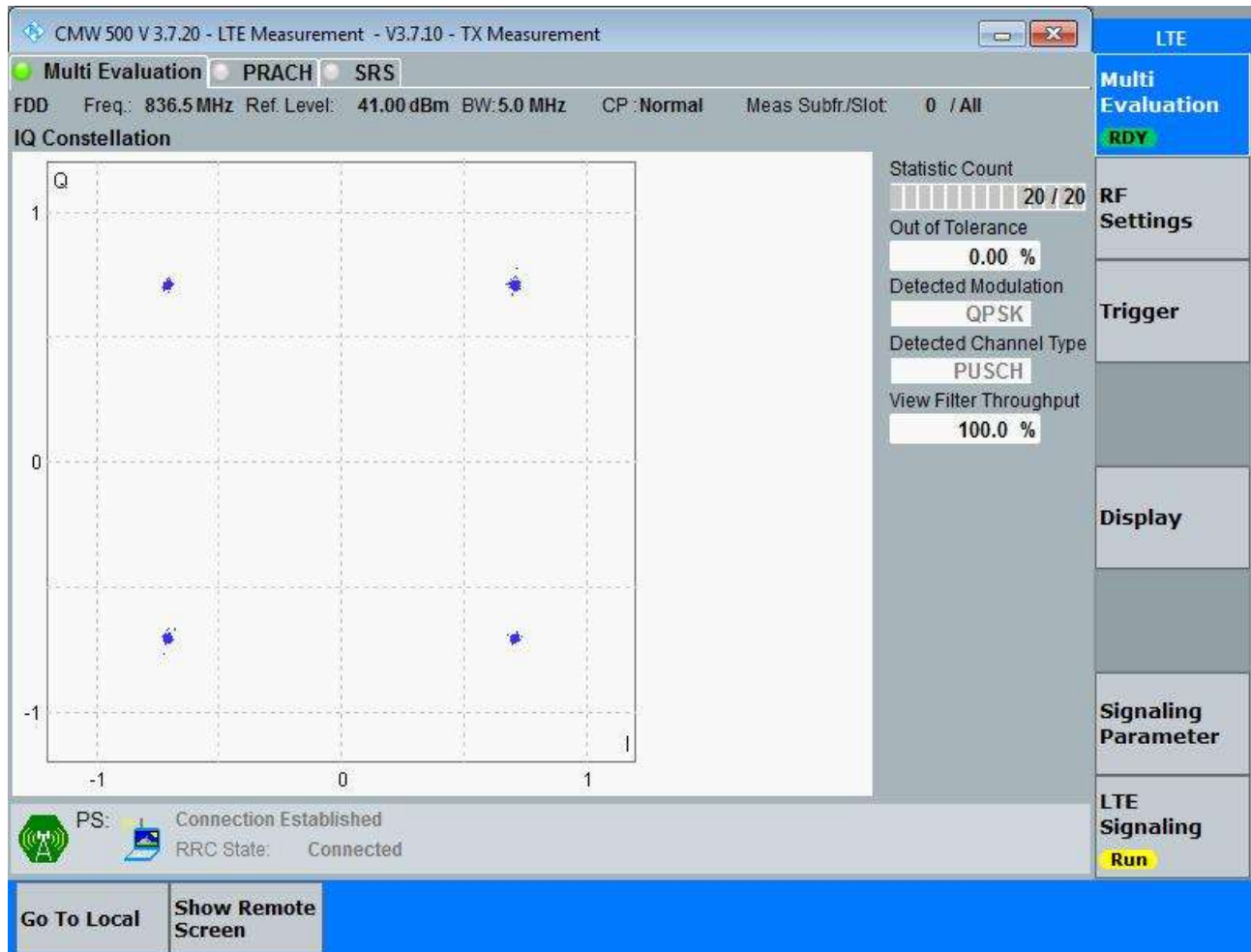
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

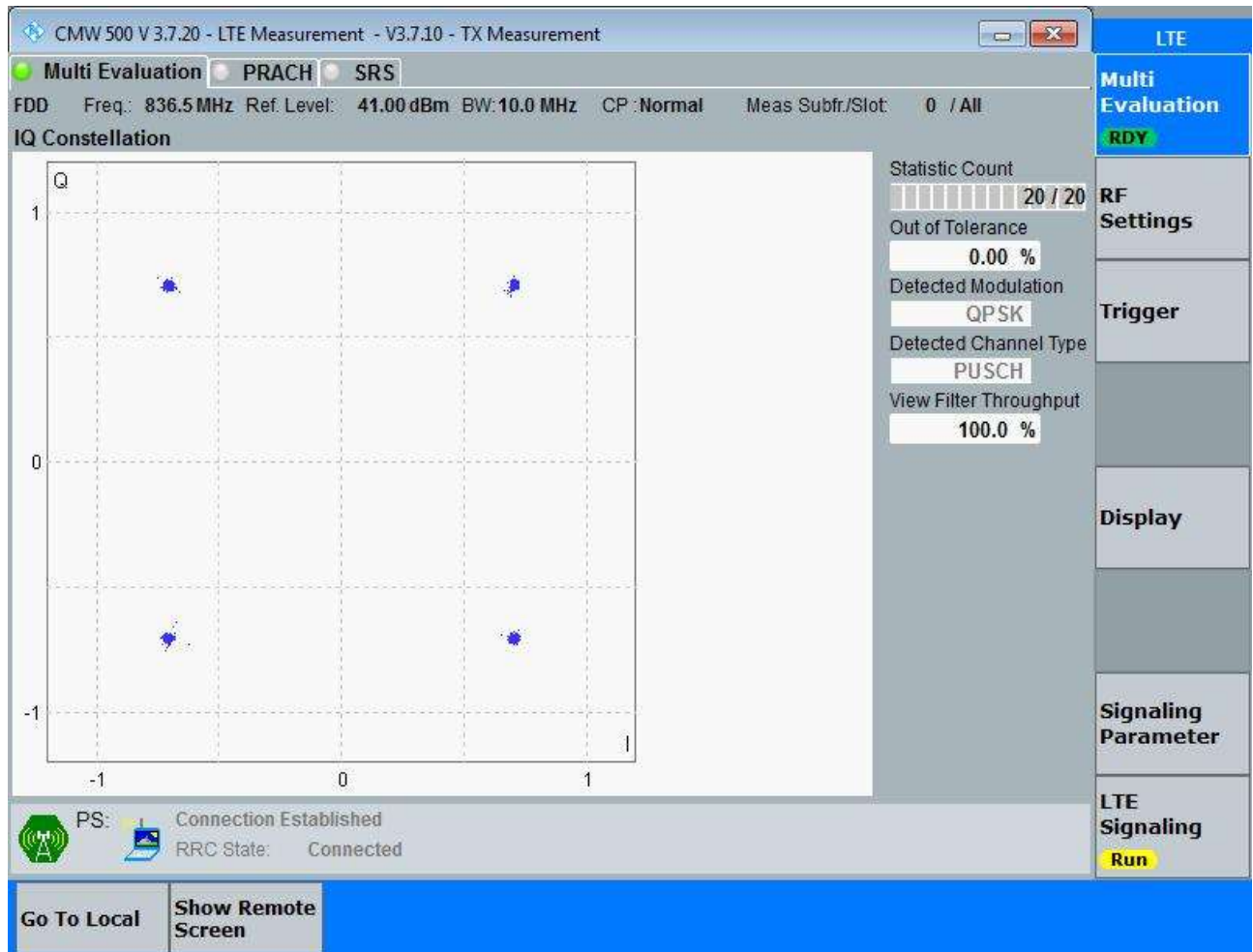
3.1.1.1.3.1.1 Test RB = RB25#0



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

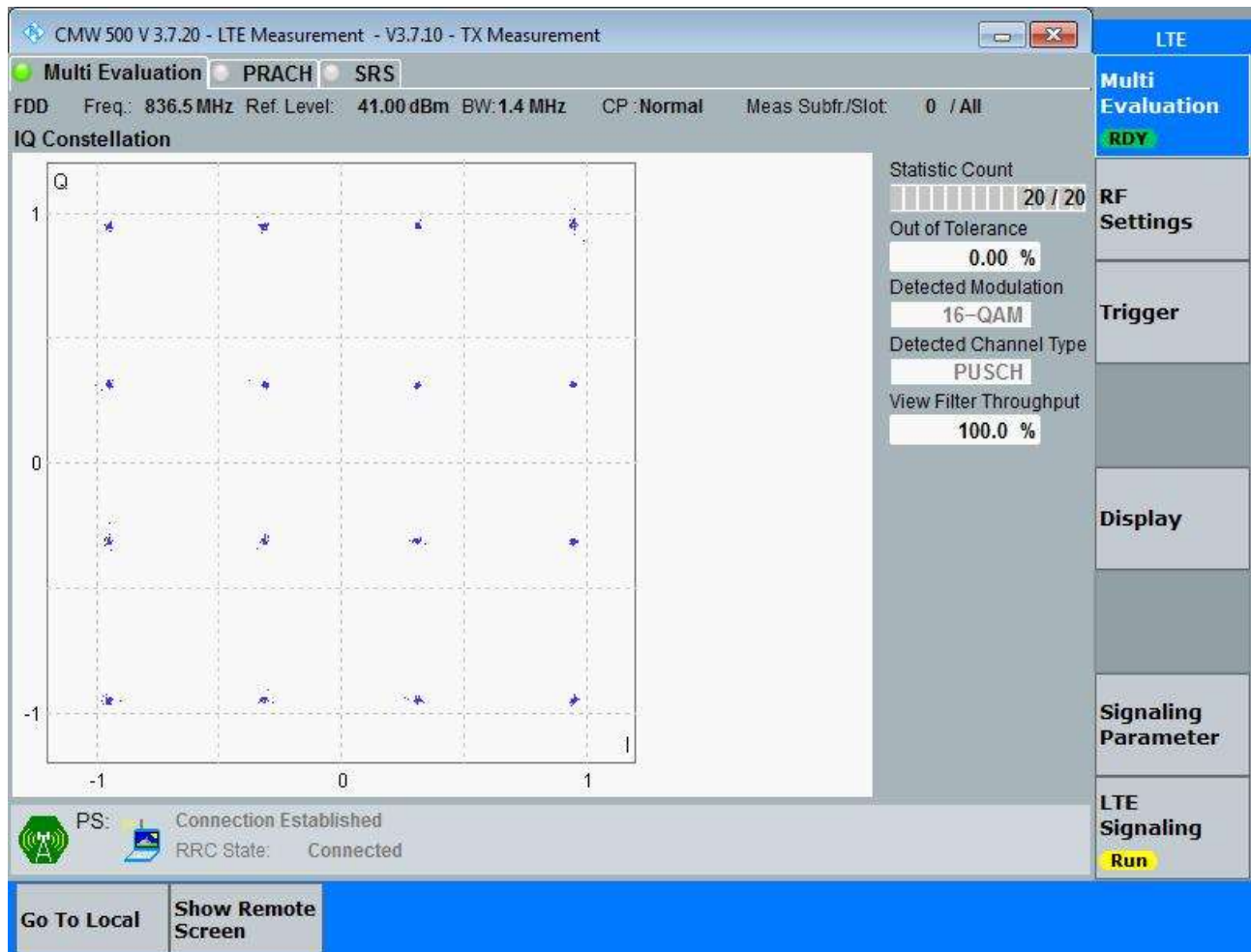


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

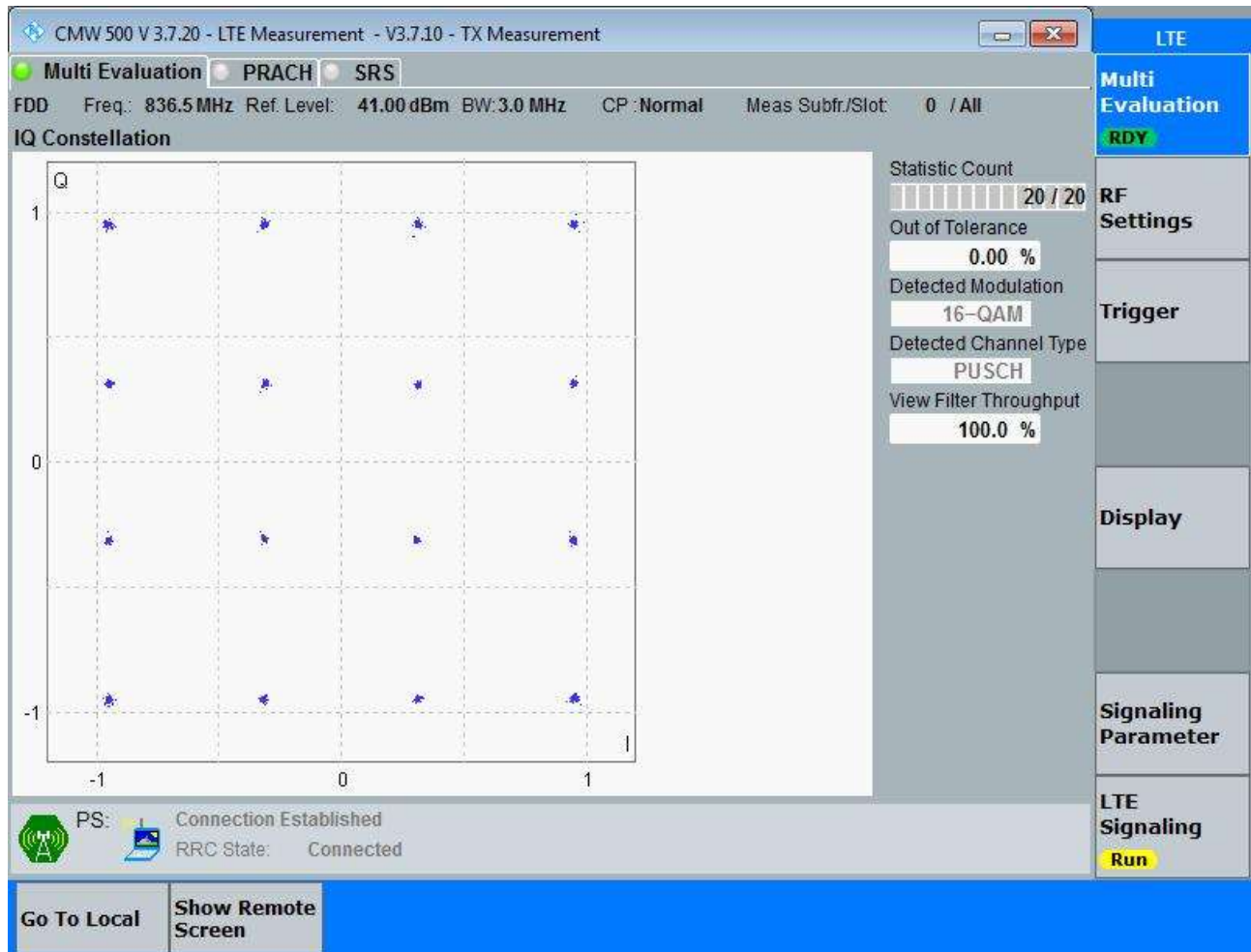
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

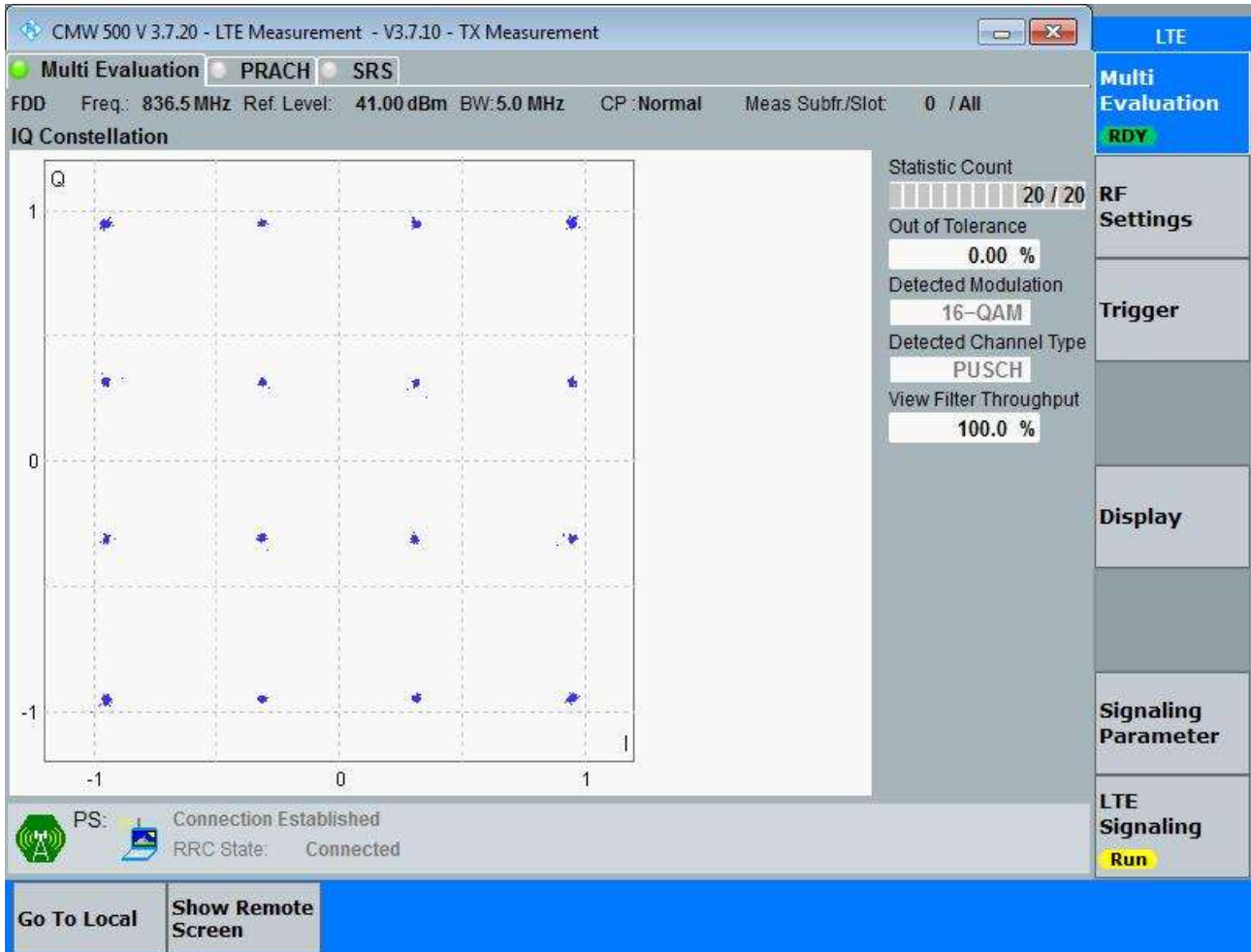
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

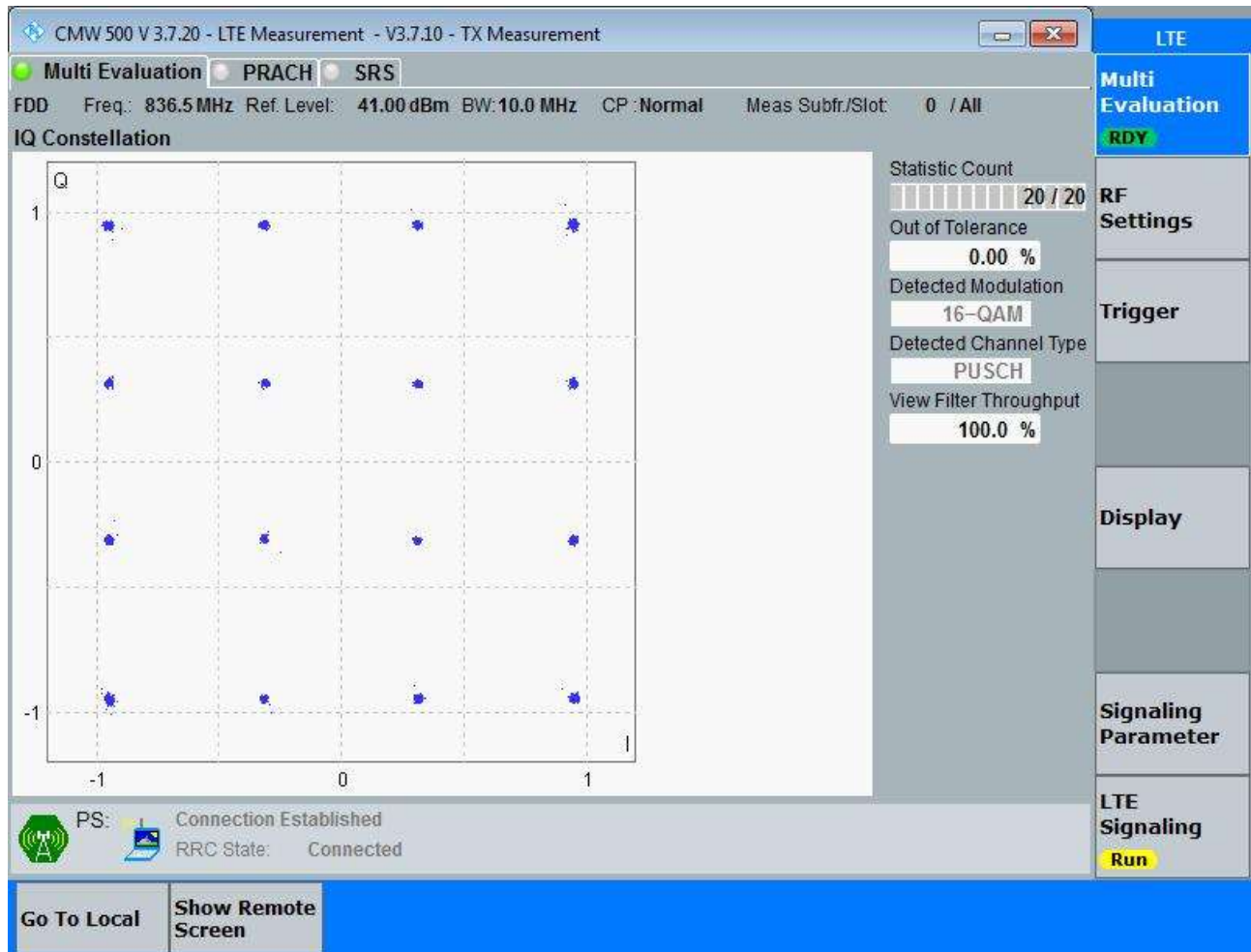
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.52	4.99	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	9.03	10.63	Pass
			MCH	RB50#0	9.00	9.89	Pass
			HCH	RB50#0	8.98	9.88	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.72	2.99	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.71	3.05	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.52	4.94	Pass
			HCH	RB25#0	4.52	4.97	Pass
		10	LCH	RB50#0	8.99	9.90	Pass
			MCH	RB50#0	9.02	9.90	Pass
			HCH	RB50#0	8.99	9.90	Pass

Part II - Test Plots

4.1 For LTE

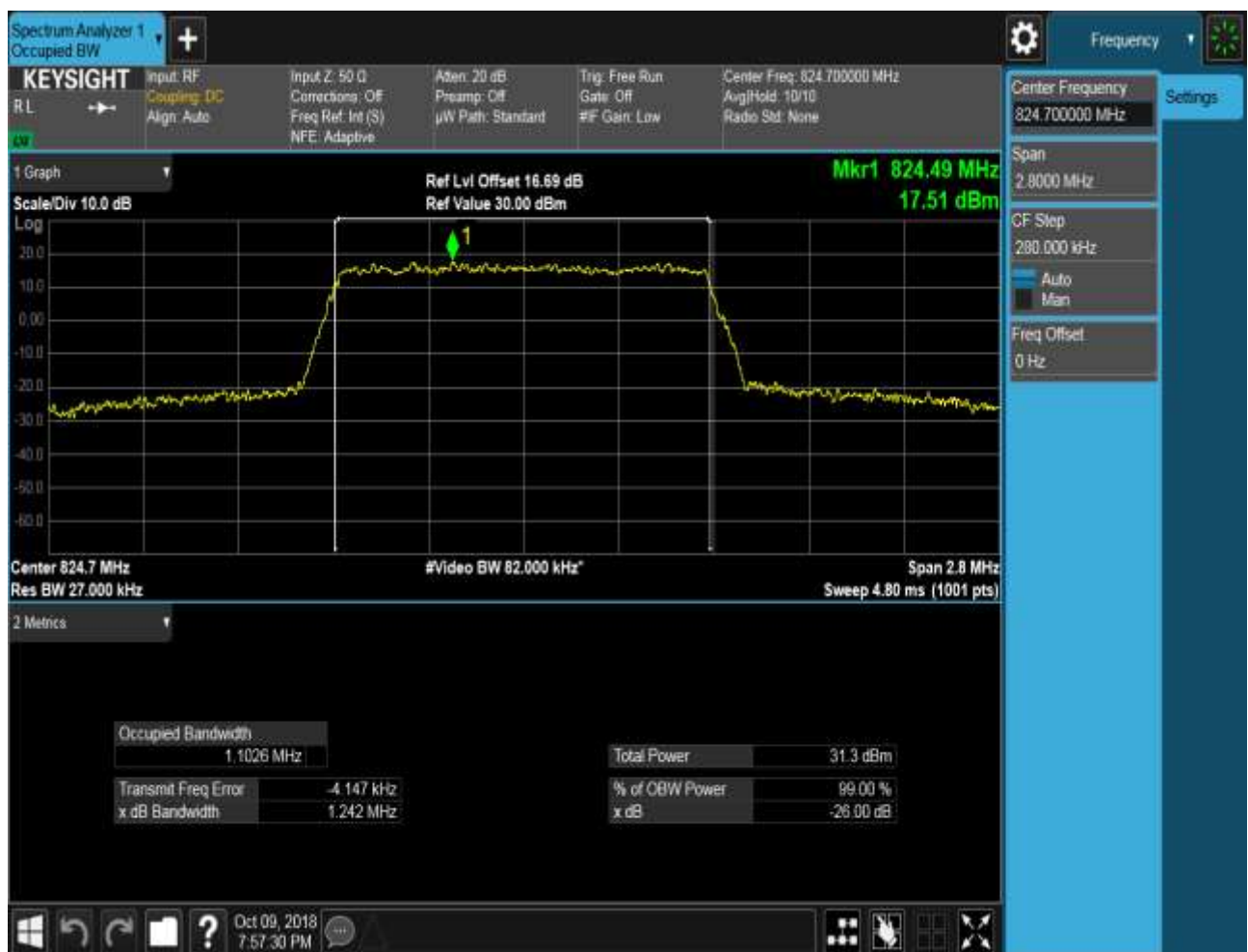
4.1.1 Test Band = Band5

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

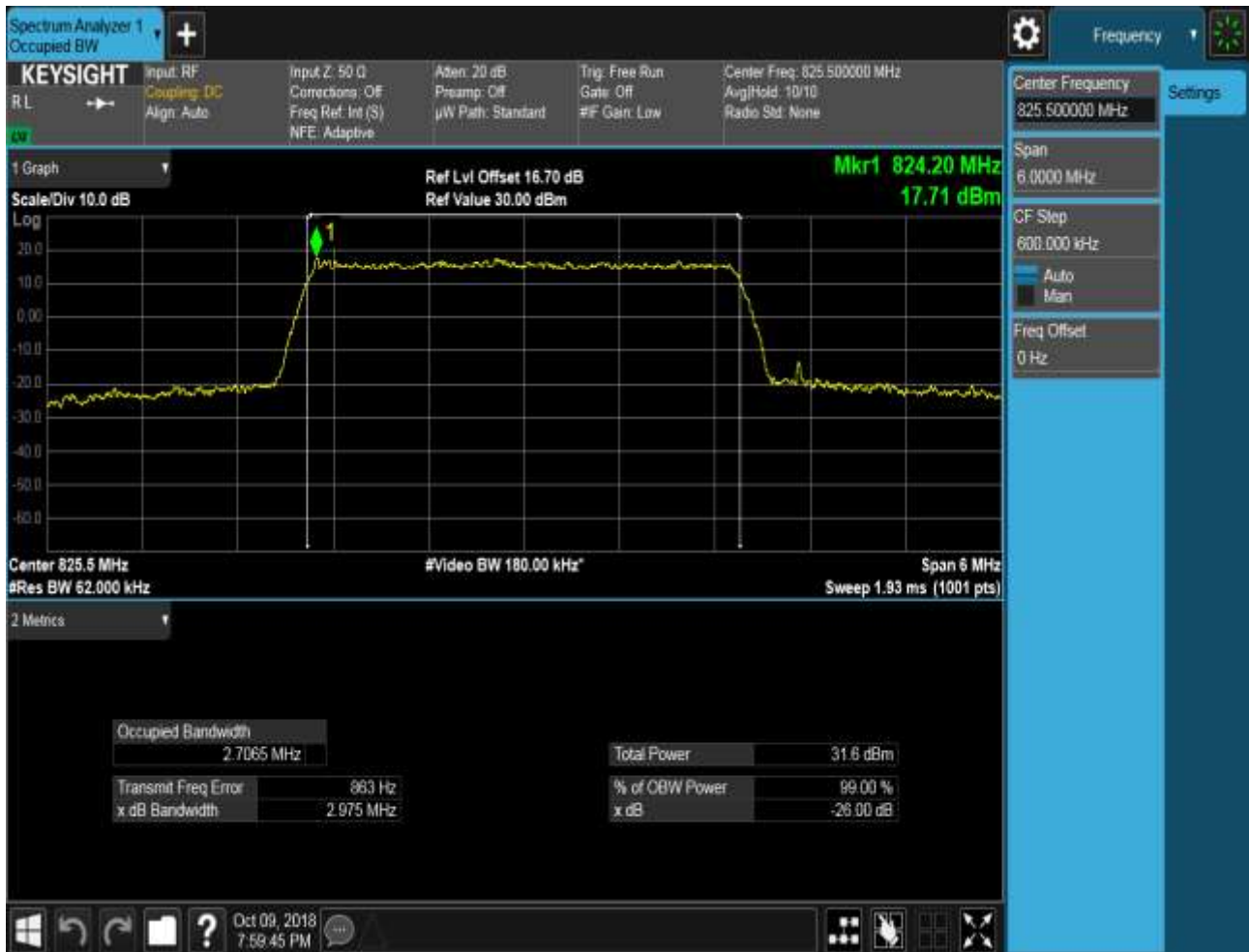




4.1.1.1.2 Test Bandwidth = 3

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

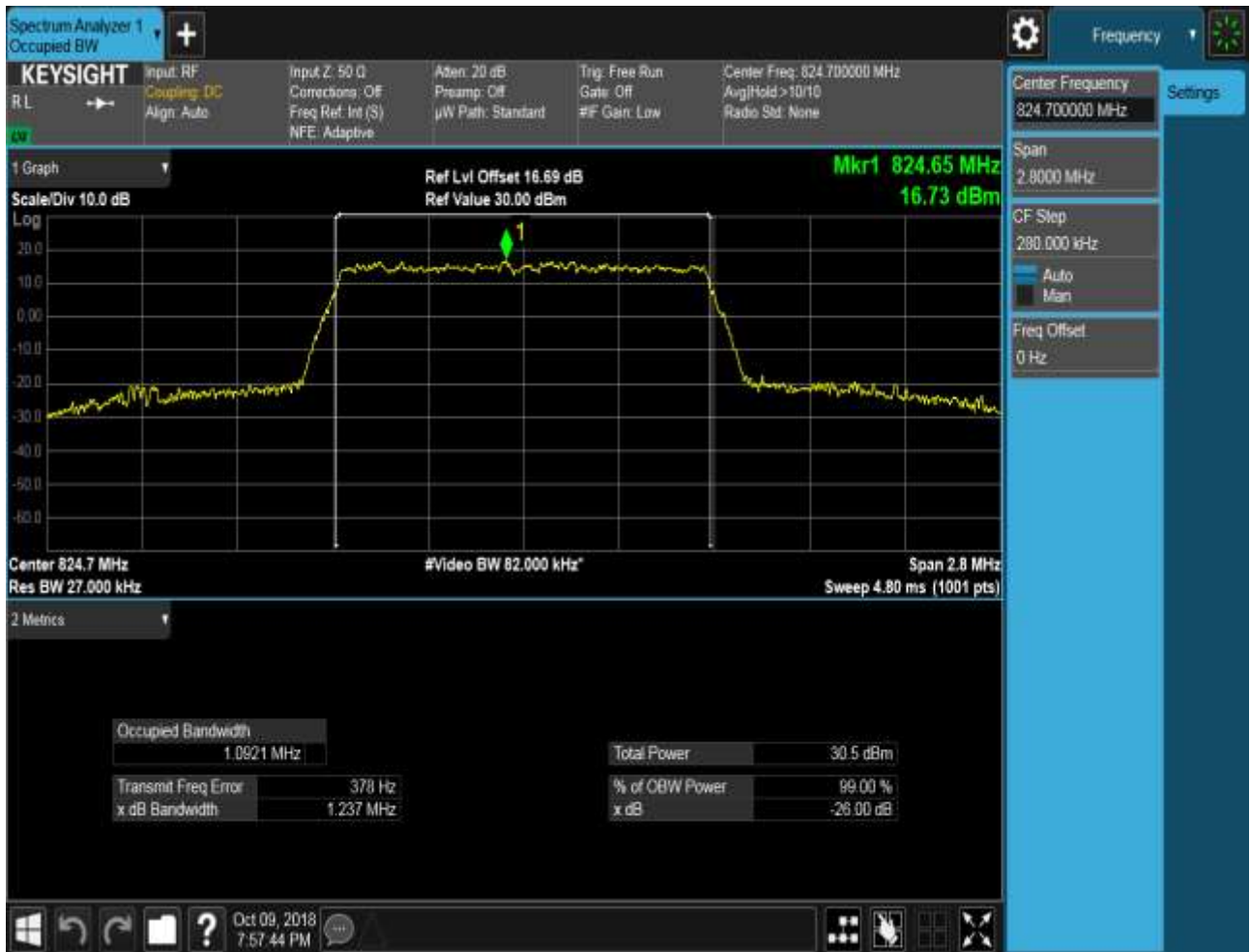


4.1.1.2 Test Mode = LTE/TM2

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

4.1.1.2.2.1 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

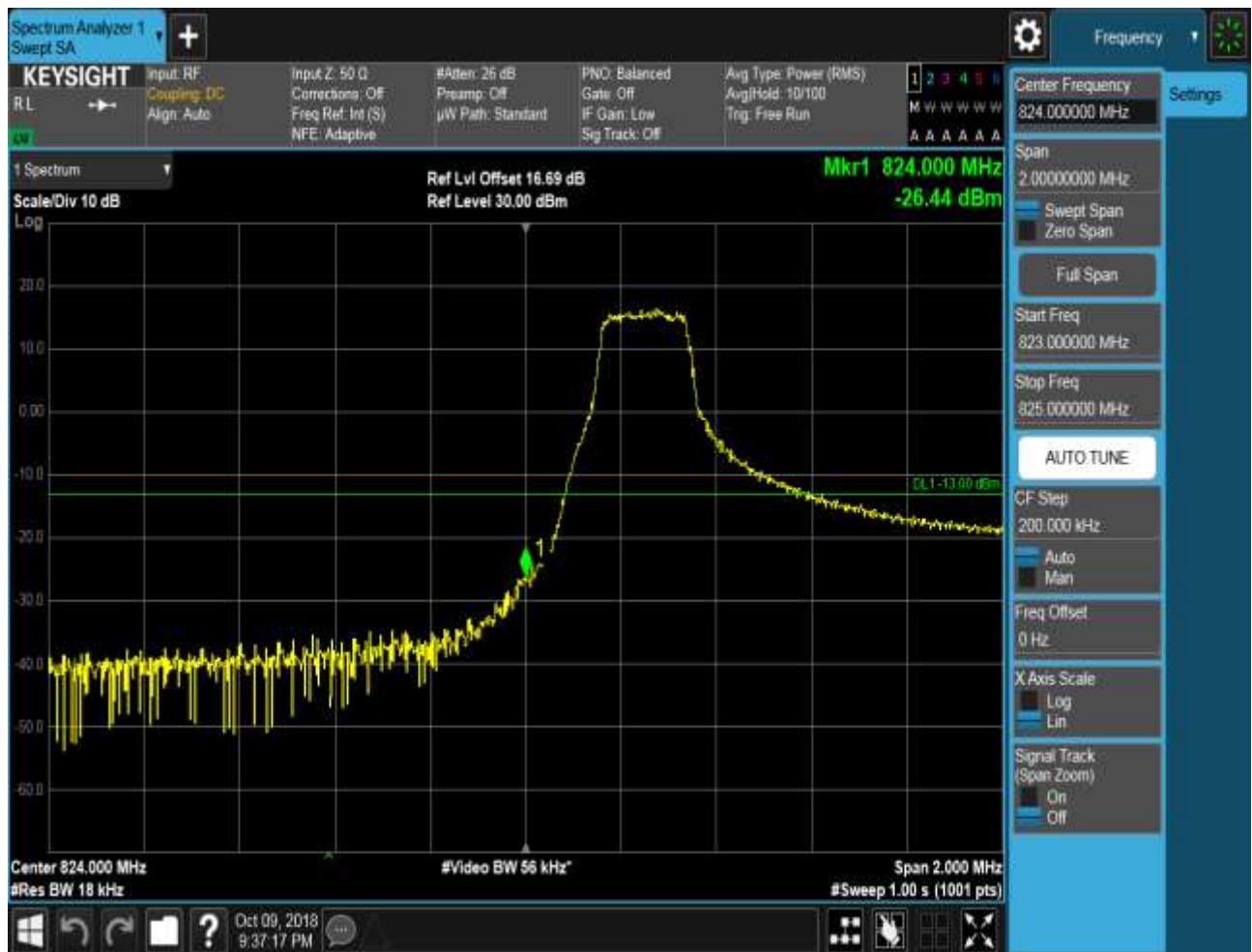
5.1.1 Test Band = Band5

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



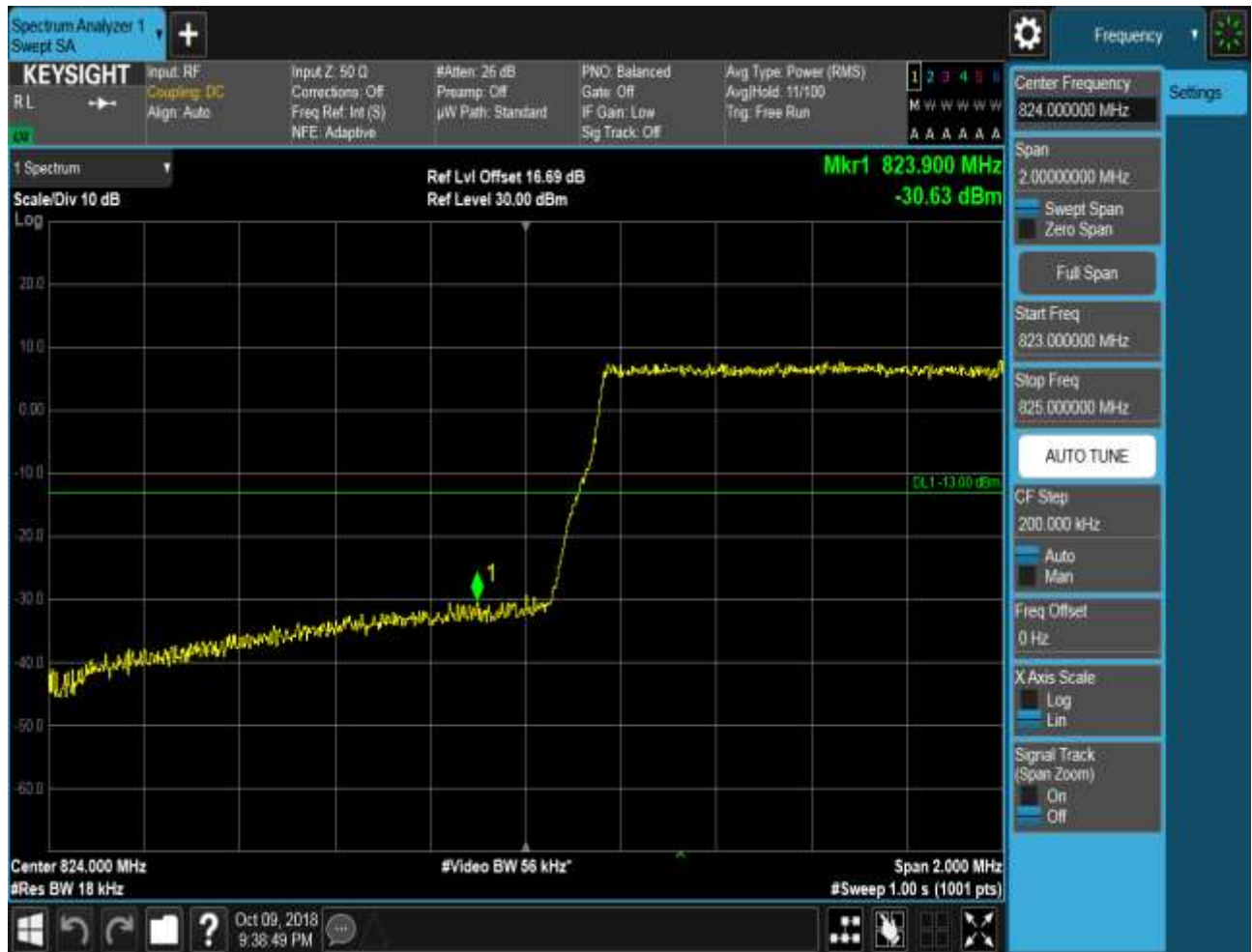
5.1.1.1.1.2 Test RB = RB1#5



5.1.1.1.1.1.3 Test RB = RB3#2



5.1.1.1.1.4 Test RB = RB6#0

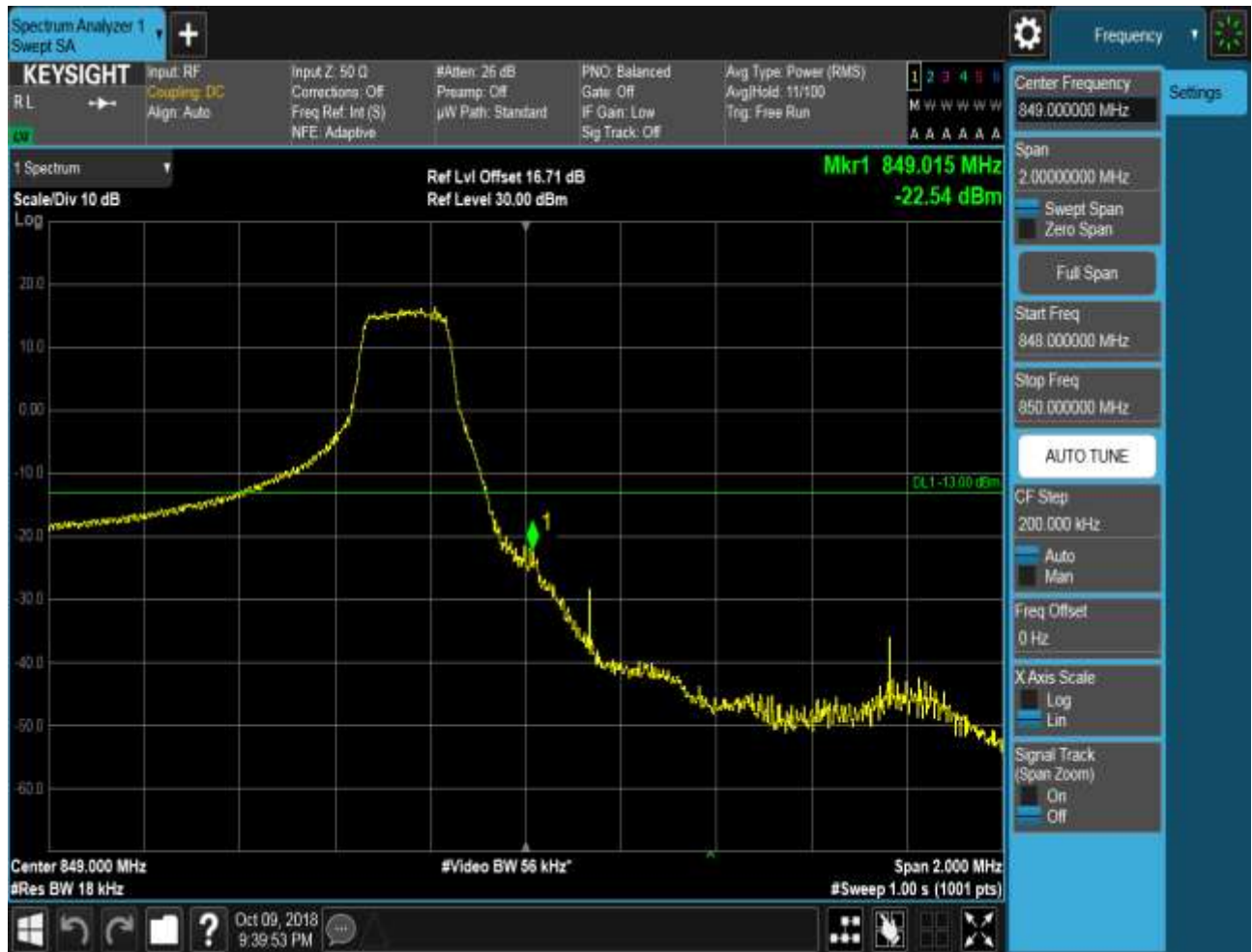


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



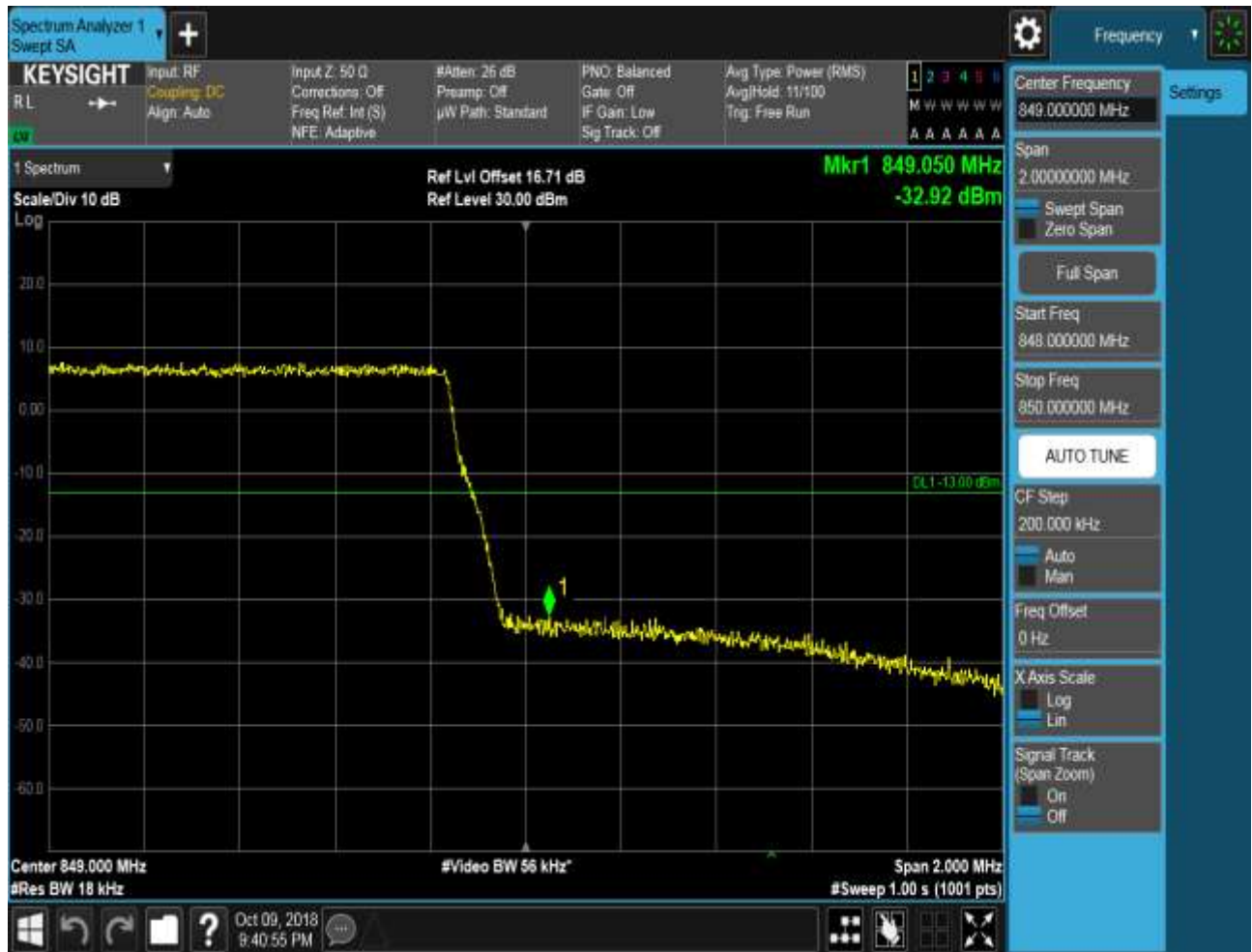
5.1.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2



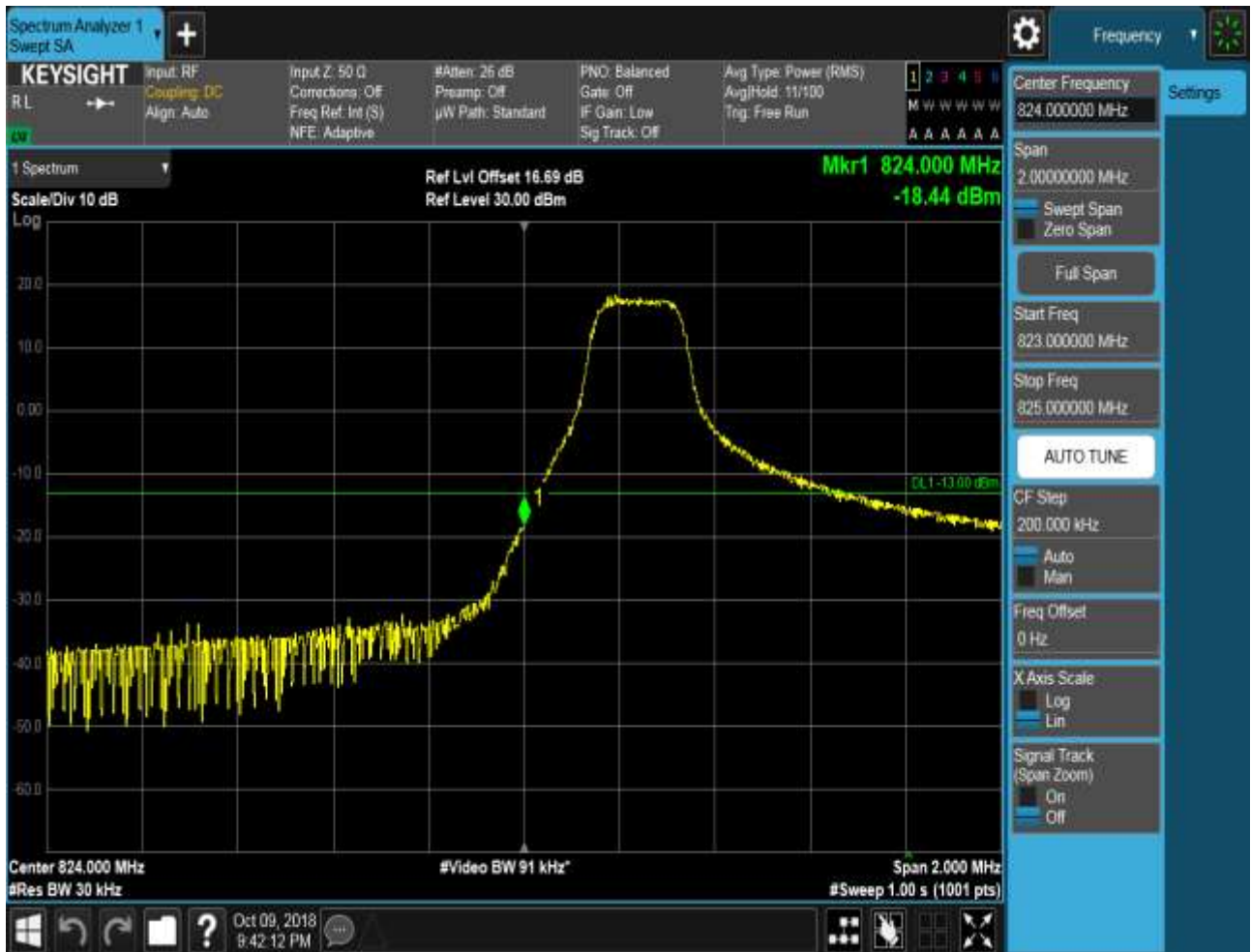
5.1.1.1.1.2.4 Test RB = RB6#0



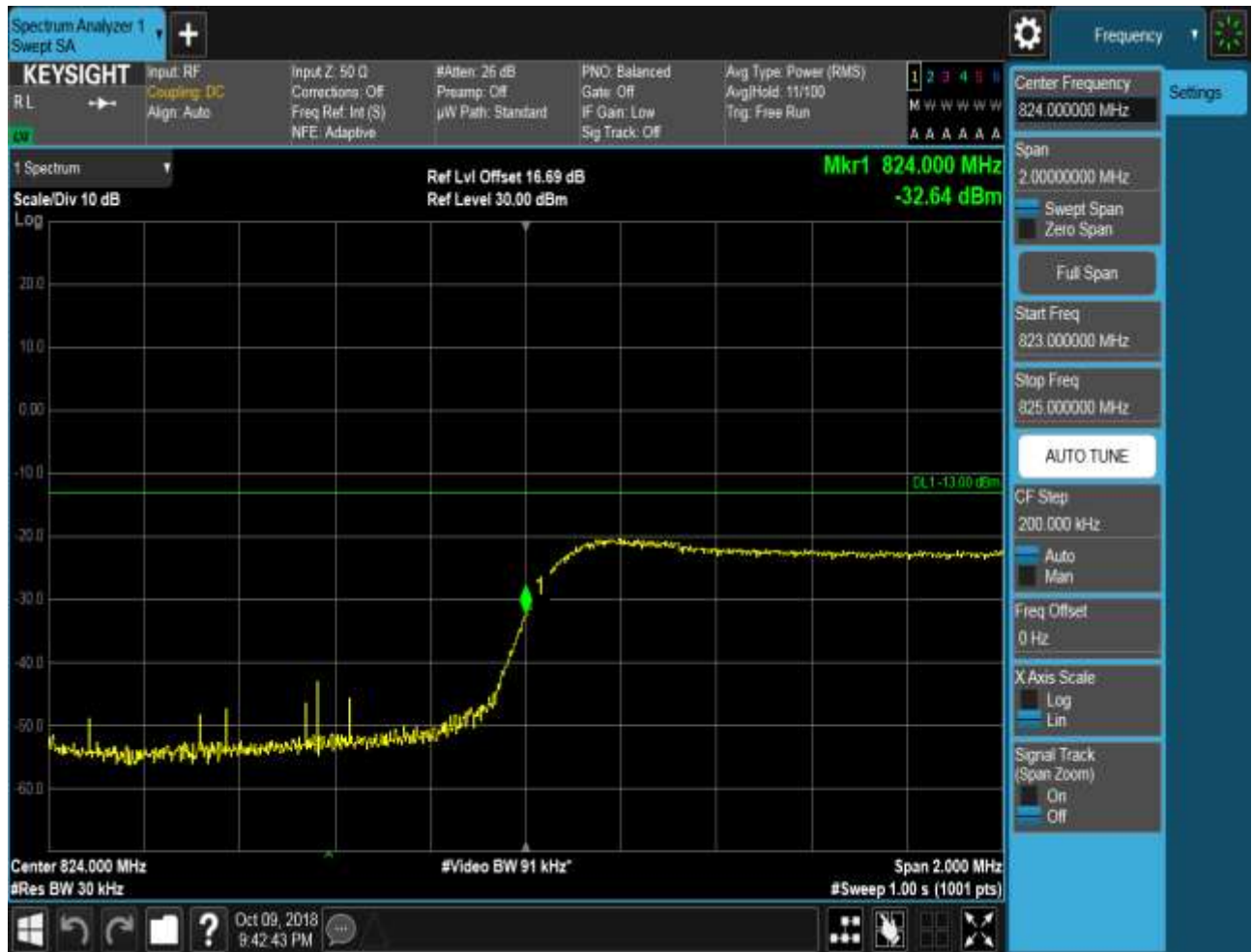
5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0

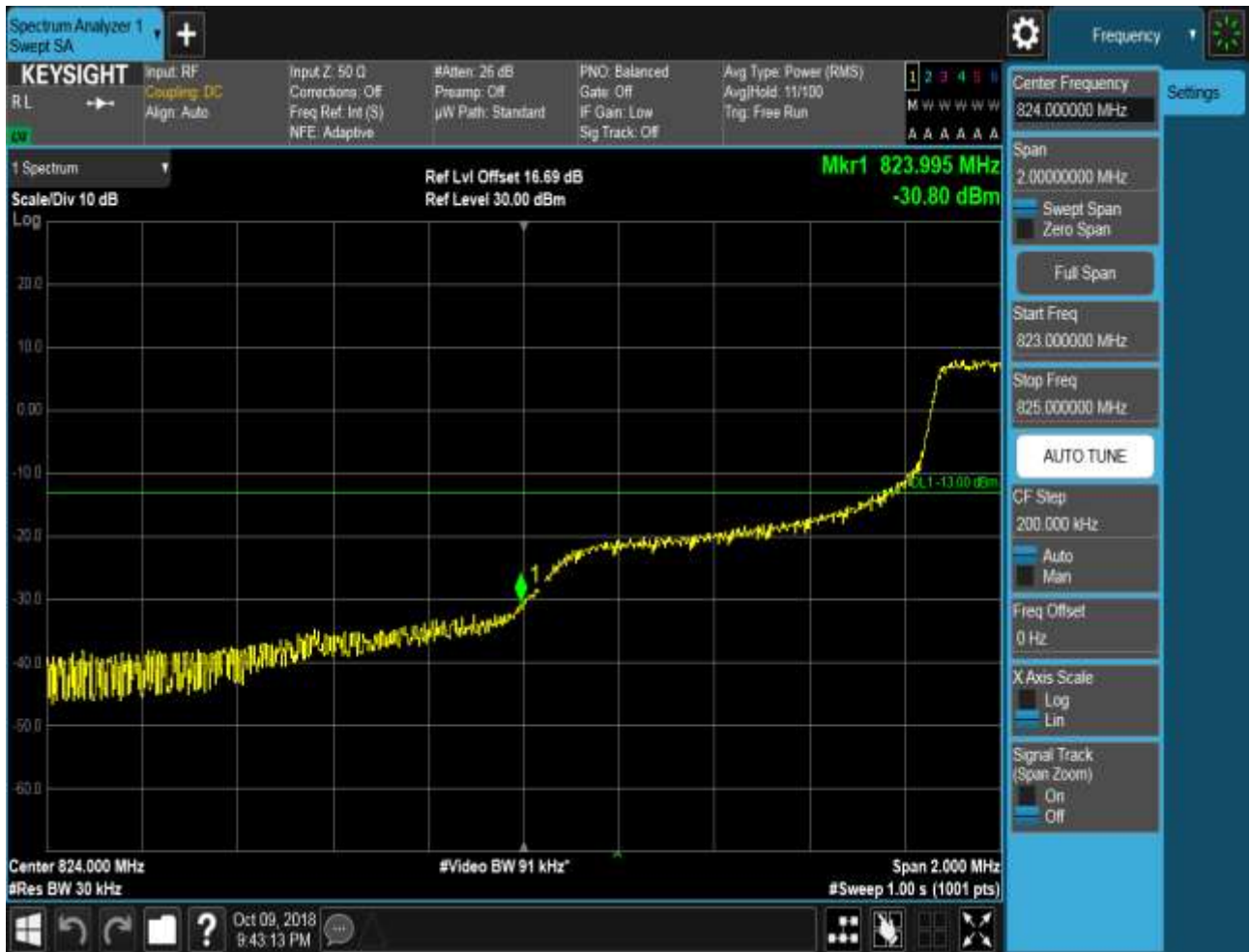


5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4



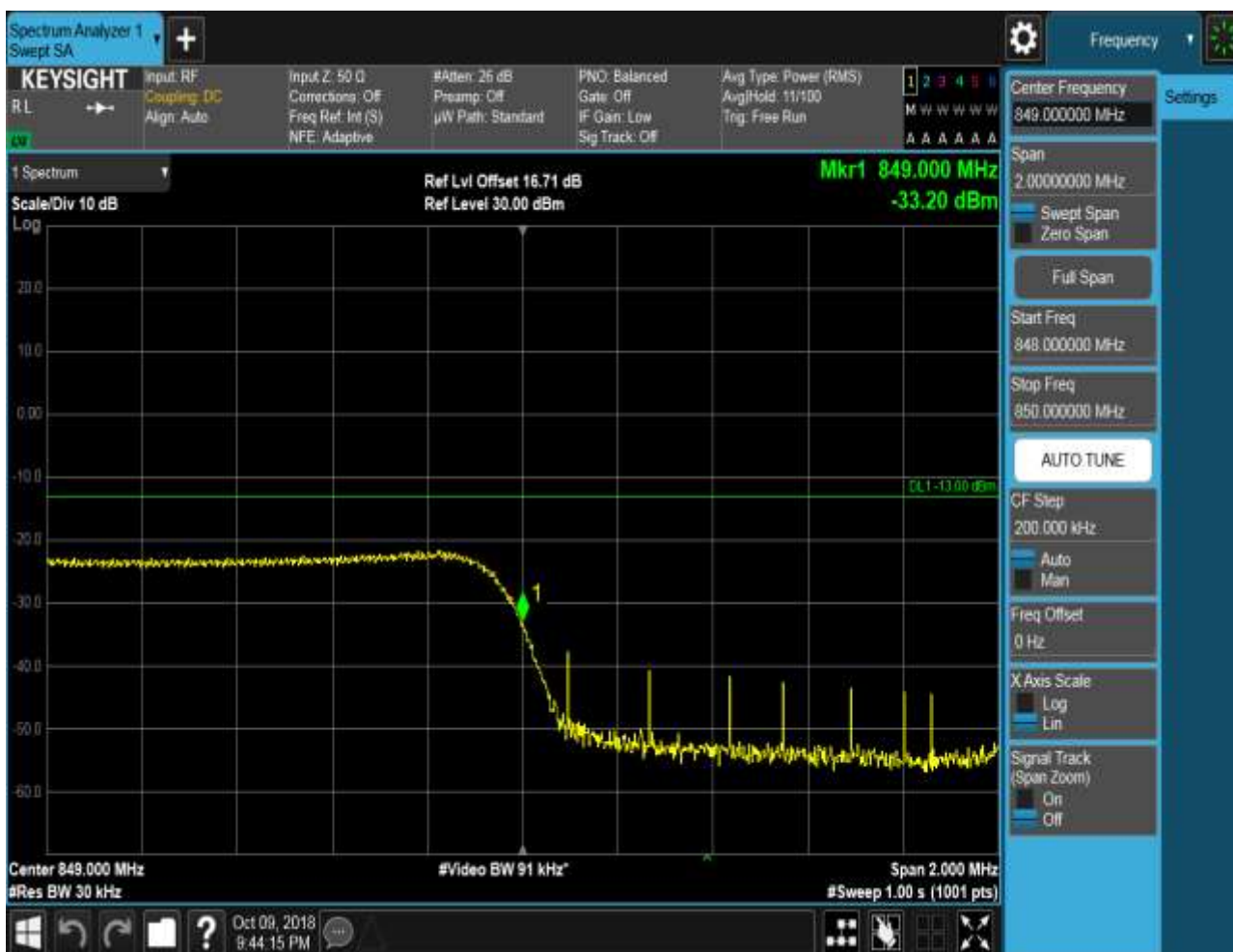
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.3 Test RB = RB8#4



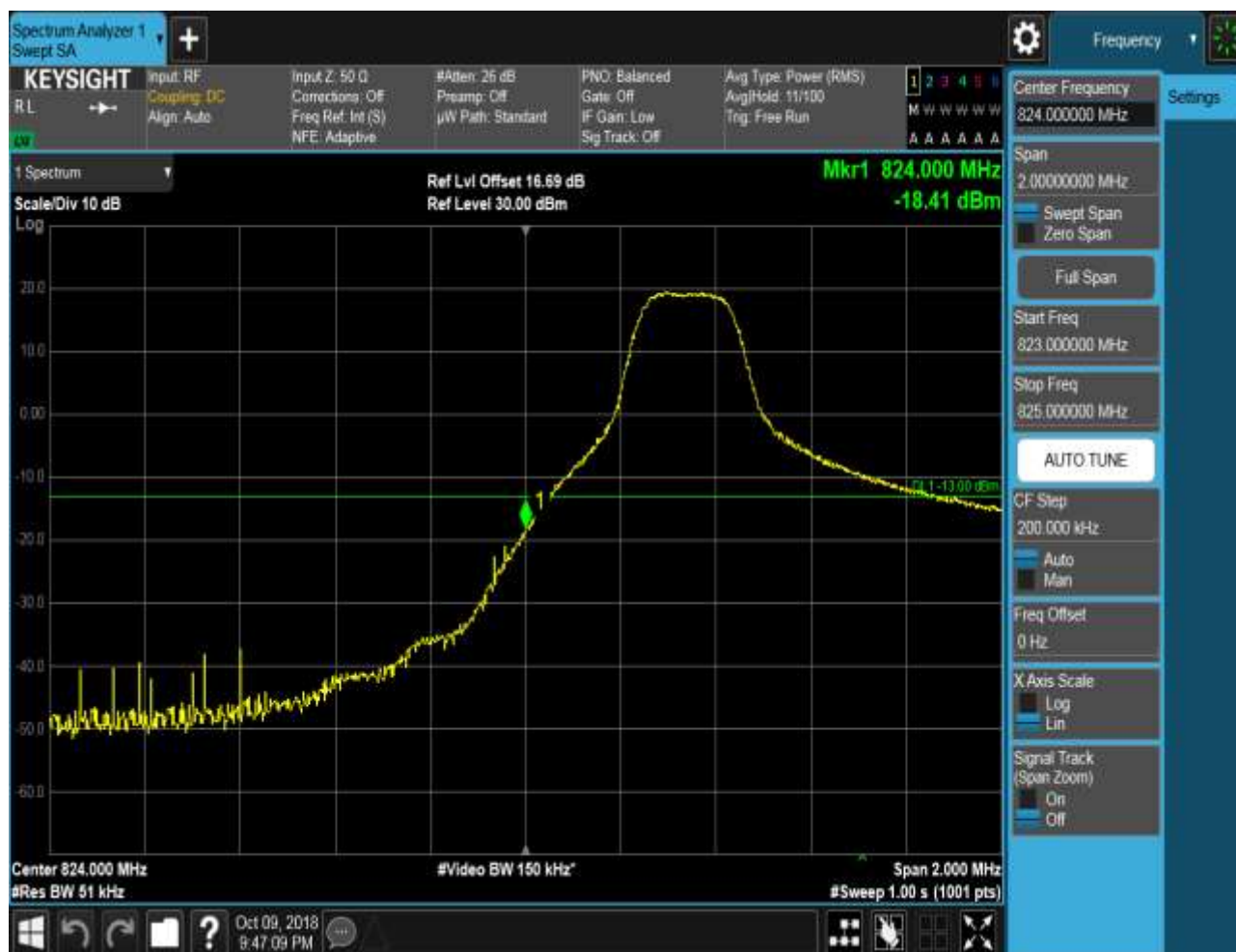
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



5.1.1.1.3.1.2 Test RB = RB1#24



5.1.1.1.3.1.3 Test RB = RB12#6



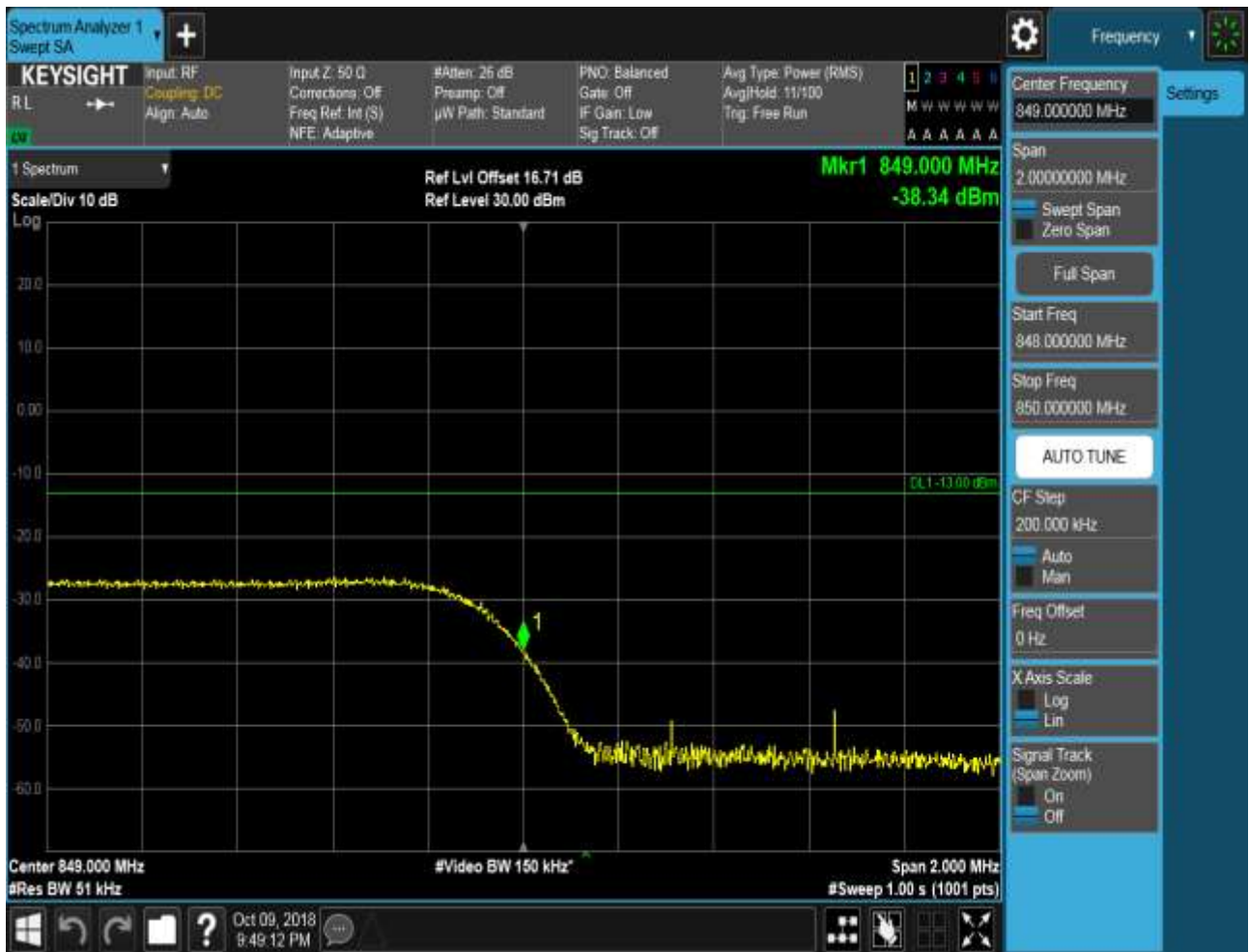
5.1.1.1.3.1.4 Test RB = RB25#0



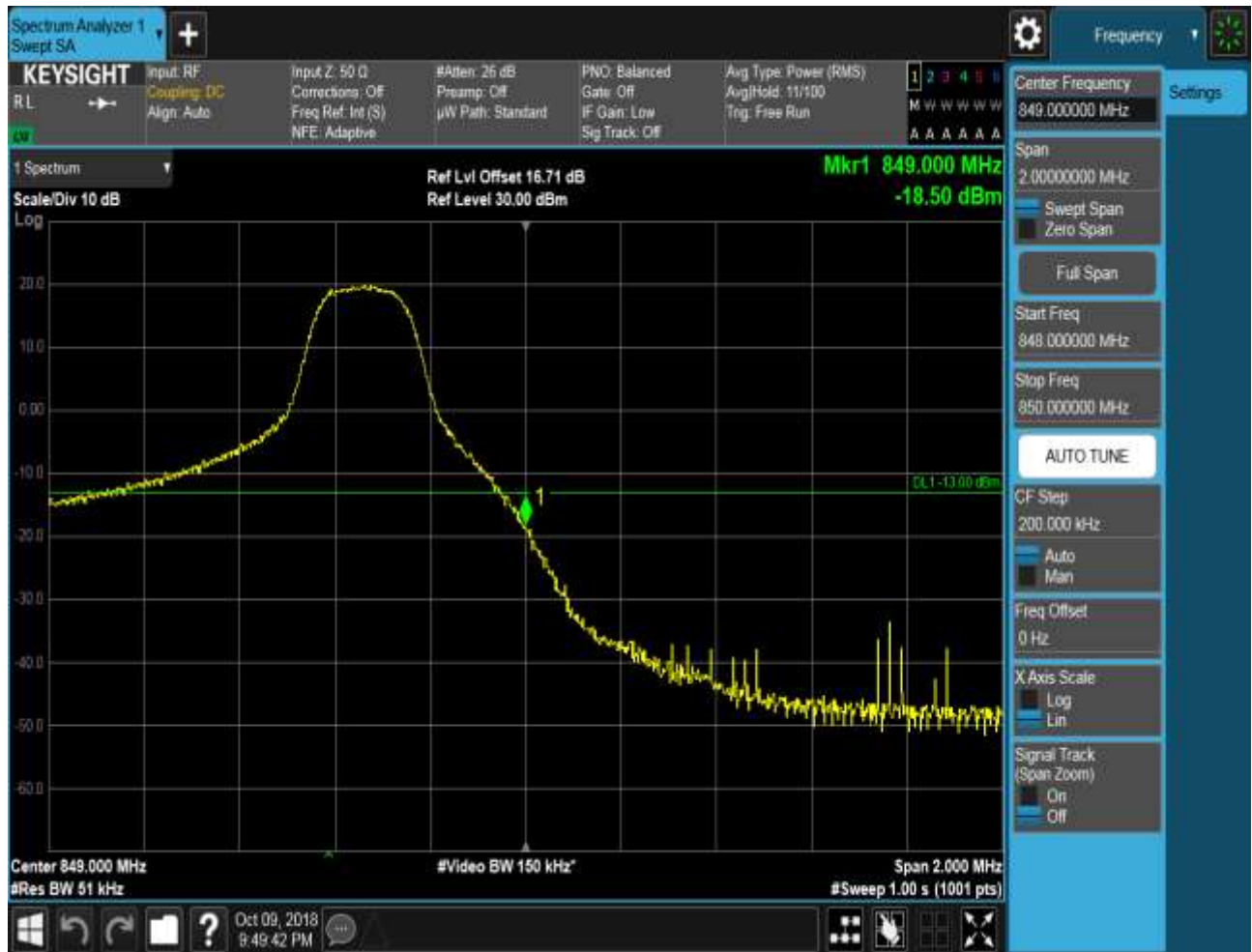


5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



5.1.1.1.3.2.2 Test RB = RB1#24



5.1.1.1.3.2.3 Test RB = RB12#6





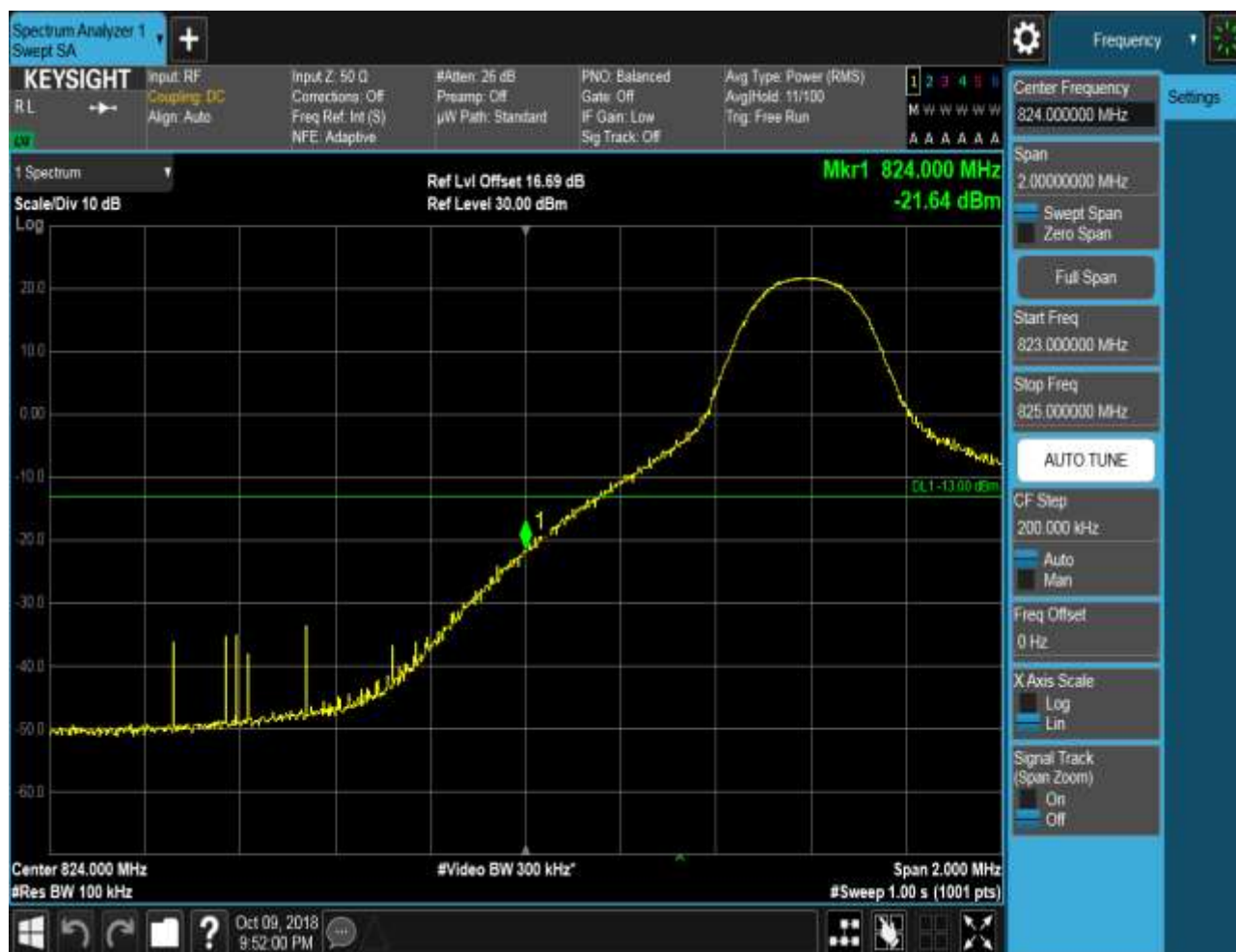
The screenshot displays the Keysight Spectrum Analyzer software interface. The main display area shows a spectrum plot with a yellow trace. A marker labeled '1' is positioned at a frequency of 849.000 MHz and a power level of -30.08 dBm. The plot has a logarithmic scale (Log) and a resolution bandwidth (RBW) of 51 kHz. The center frequency is set to 849.000 MHz, and the span is 2.000 MHz. The plot shows a signal that drops sharply around 849.000 MHz, reaching a noise floor of approximately -40 dBm. The interface includes various control panels on the right for settings like Center Frequency, Span, Start Freq, Stop Freq, AUTO TUNE, CF Step, Auto Man, Freq Offset, X Axis Scale, and Signal Track. The bottom status bar shows the date and time as Oct 09, 2018, 9:50:43 PM.



5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



5.1.1.1.4.1.2 Test RB = RB1#49



5.1.1.1.4.1.3 Test RB = RB25#13



5.1.1.1.4.1.4 Test RB = RB50#0



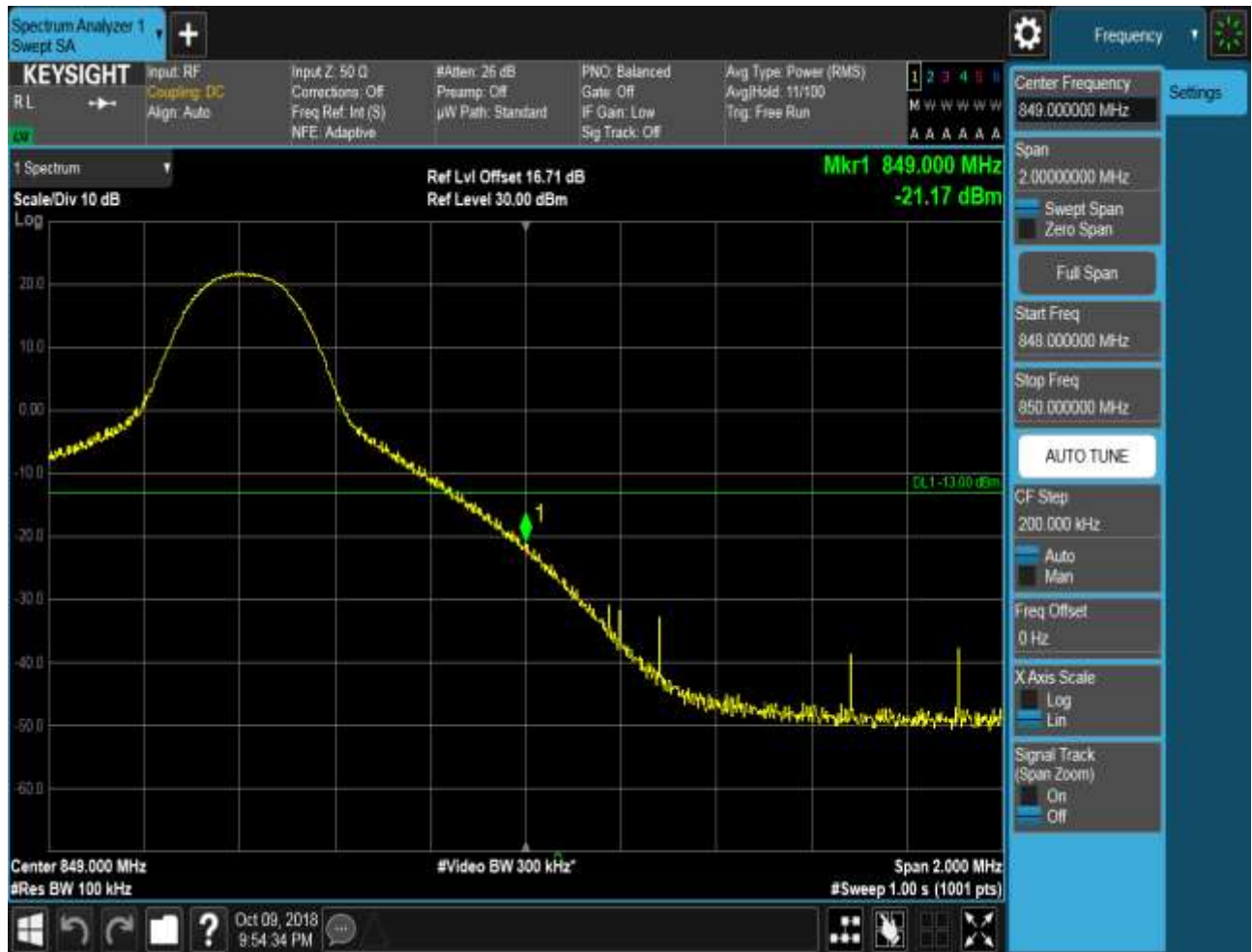


5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



5.1.1.1.4.2.2 Test RB = RB1#49



5.1.1.1.4.2.3 Test RB = RB25#13



5.1.1.1.4.2.4 Test RB = RB50#0

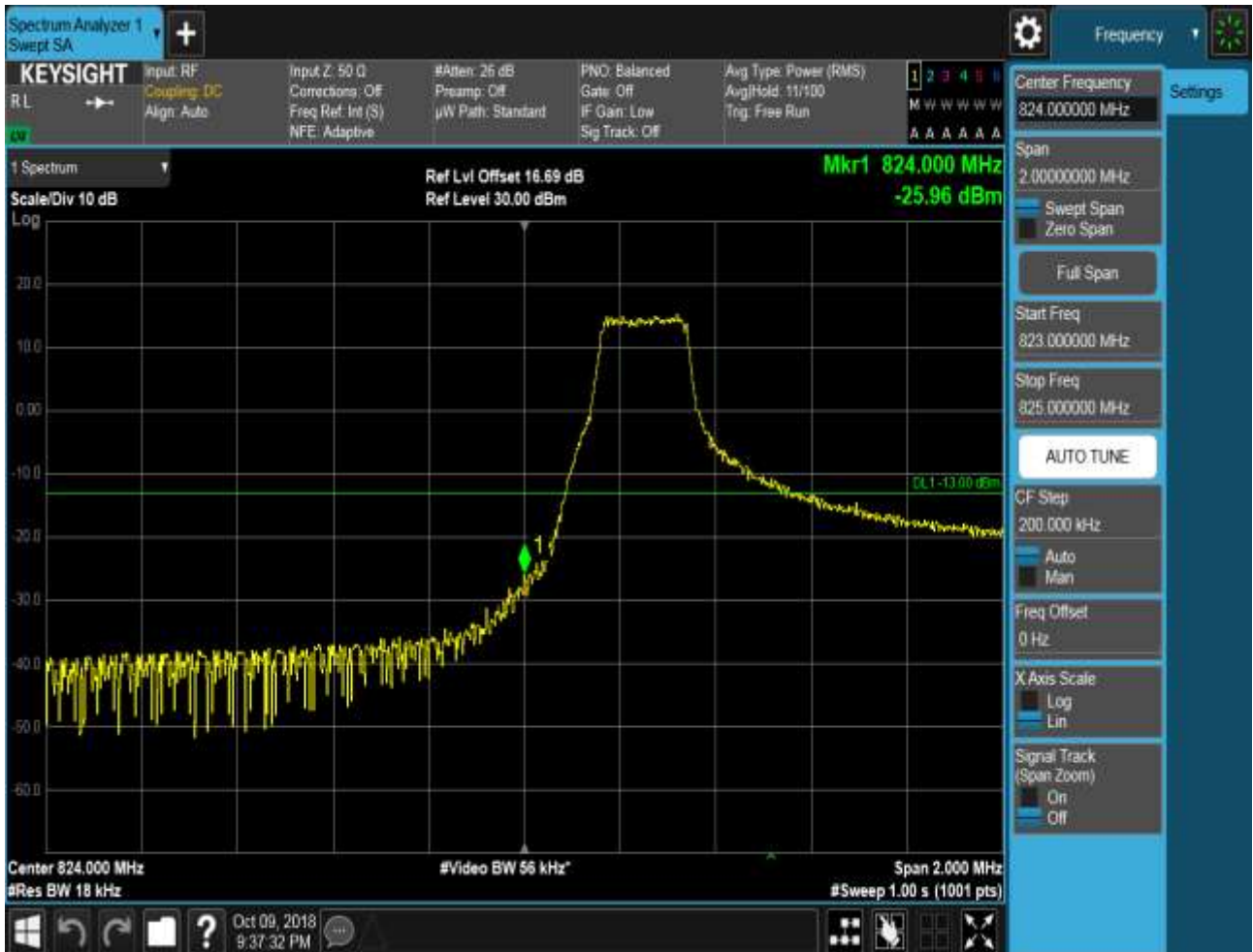


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



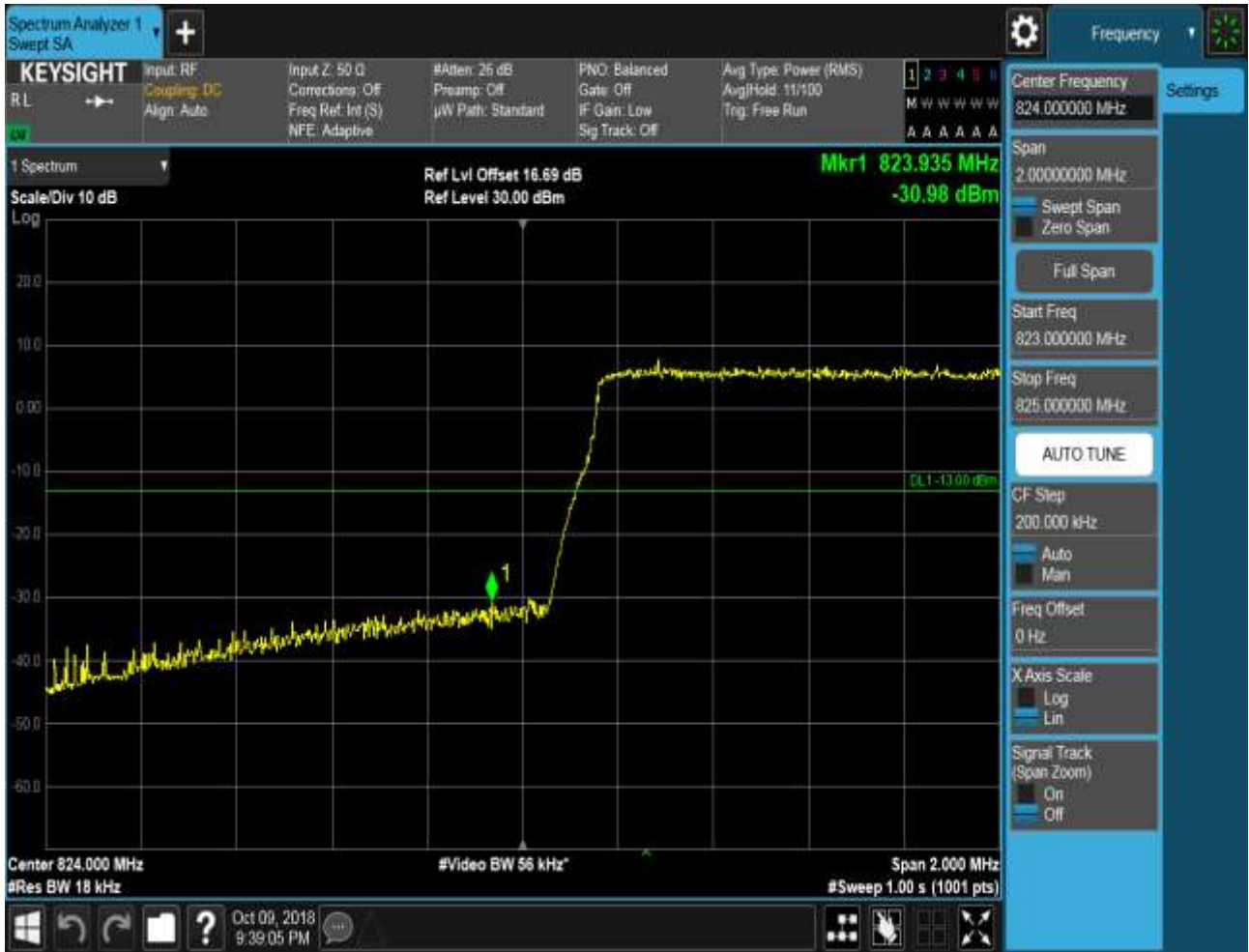
5.1.1.2.1.1.2 Test RB = RB1#5



5.1.1.2.1.1.3 Test RB = RB3#2

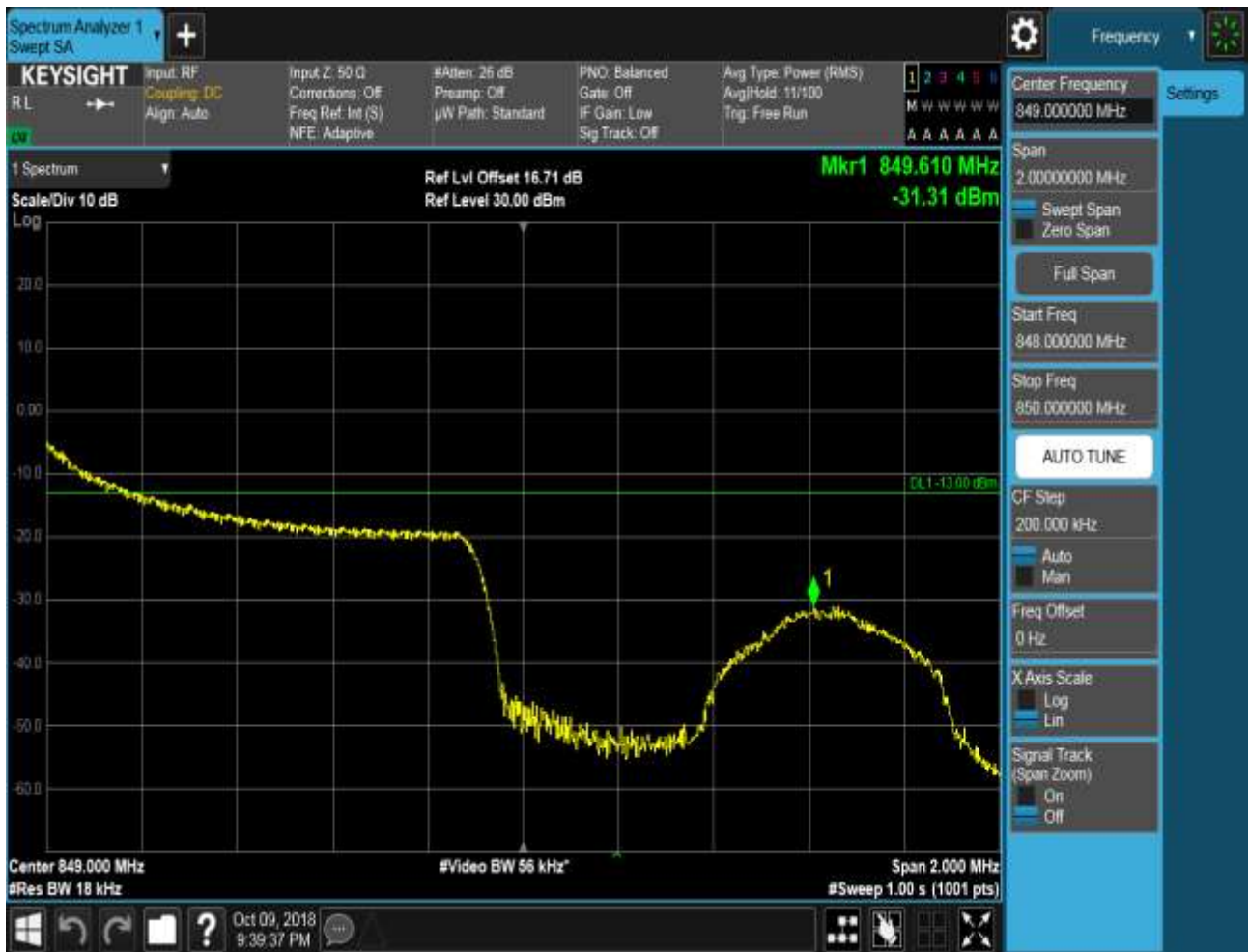


5.1.1.2.1.1.4 Test RB = RB6#0

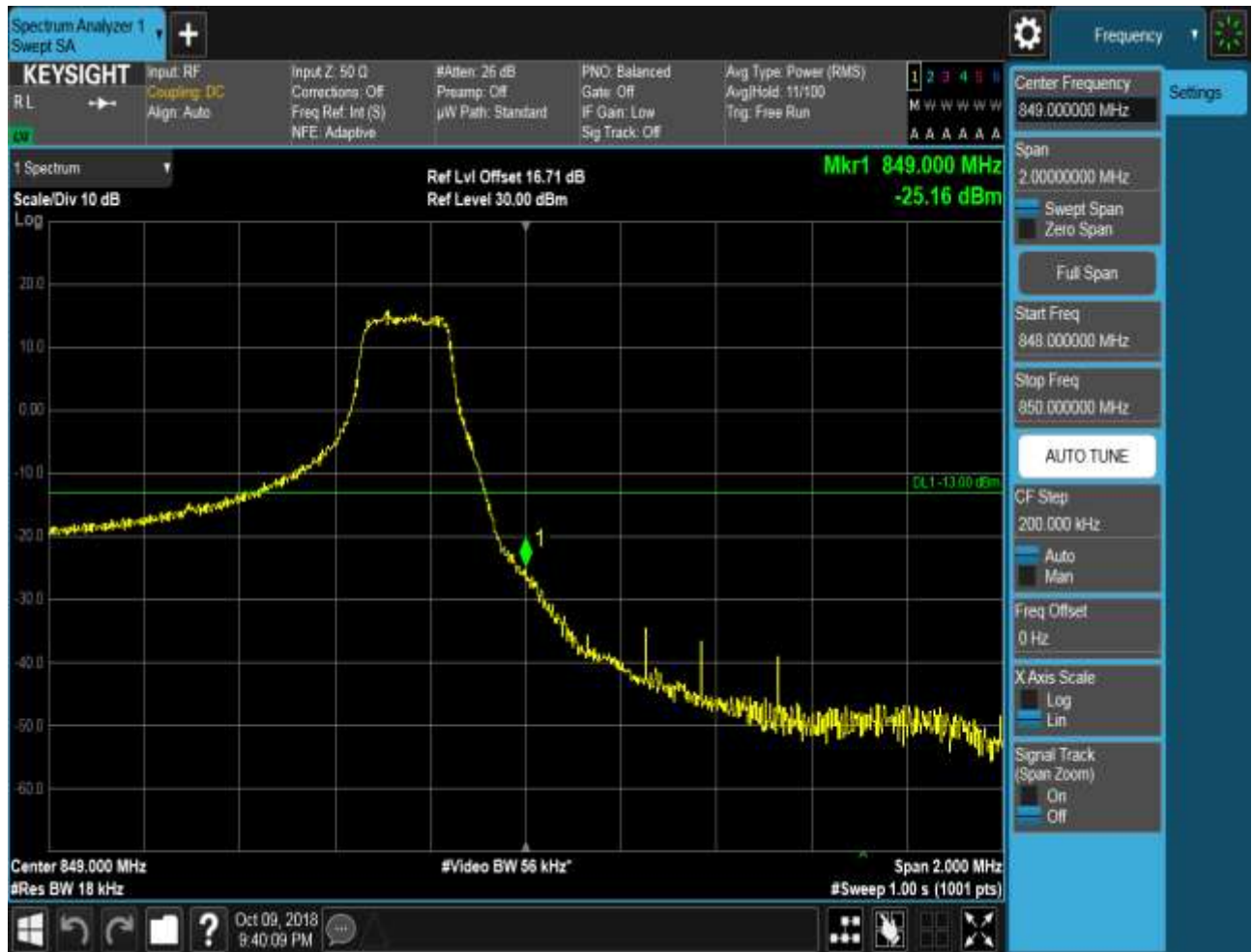


5.1.1.2.1.2 Test Channel = HCH

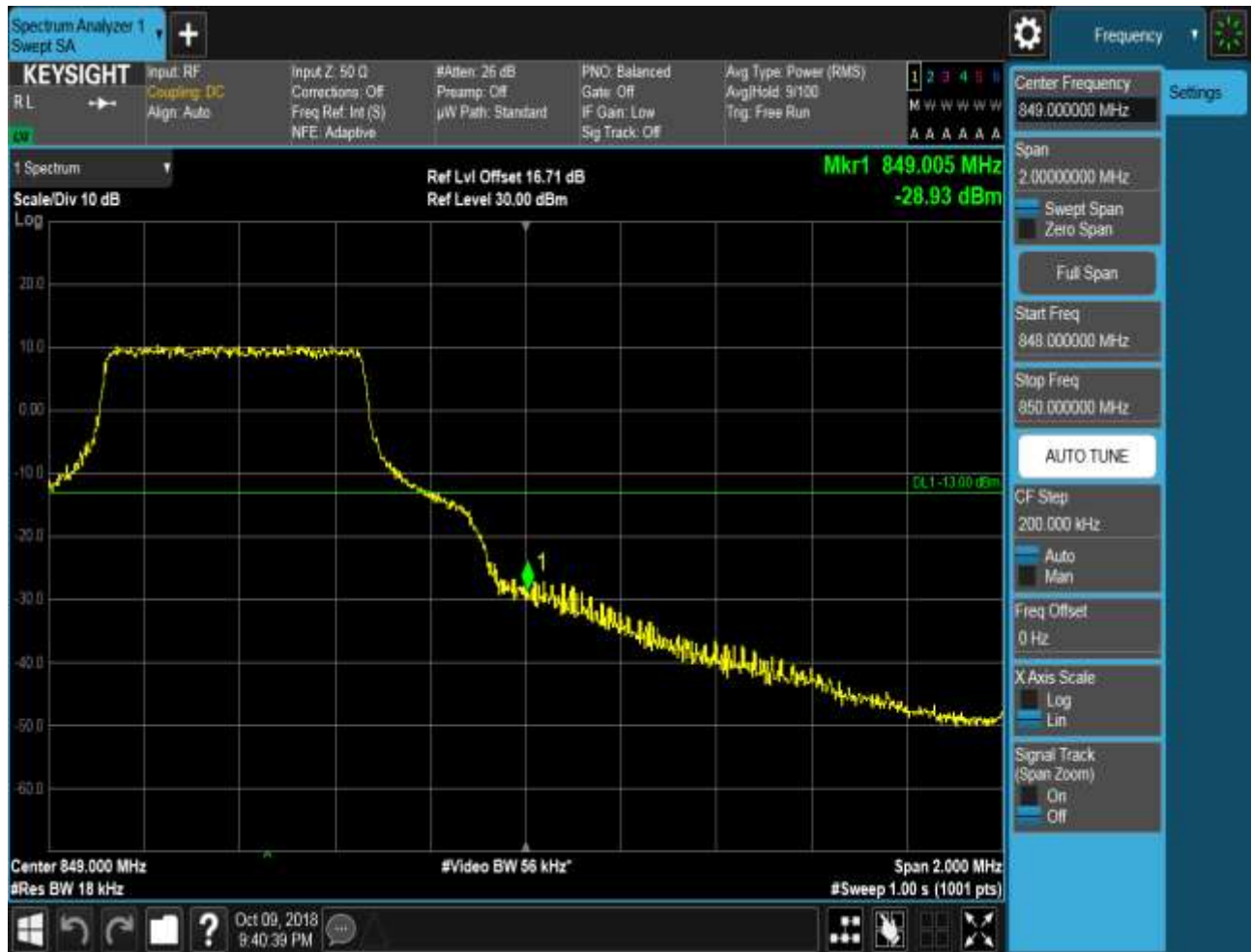
5.1.1.2.1.2.1 Test RB = RB1#0



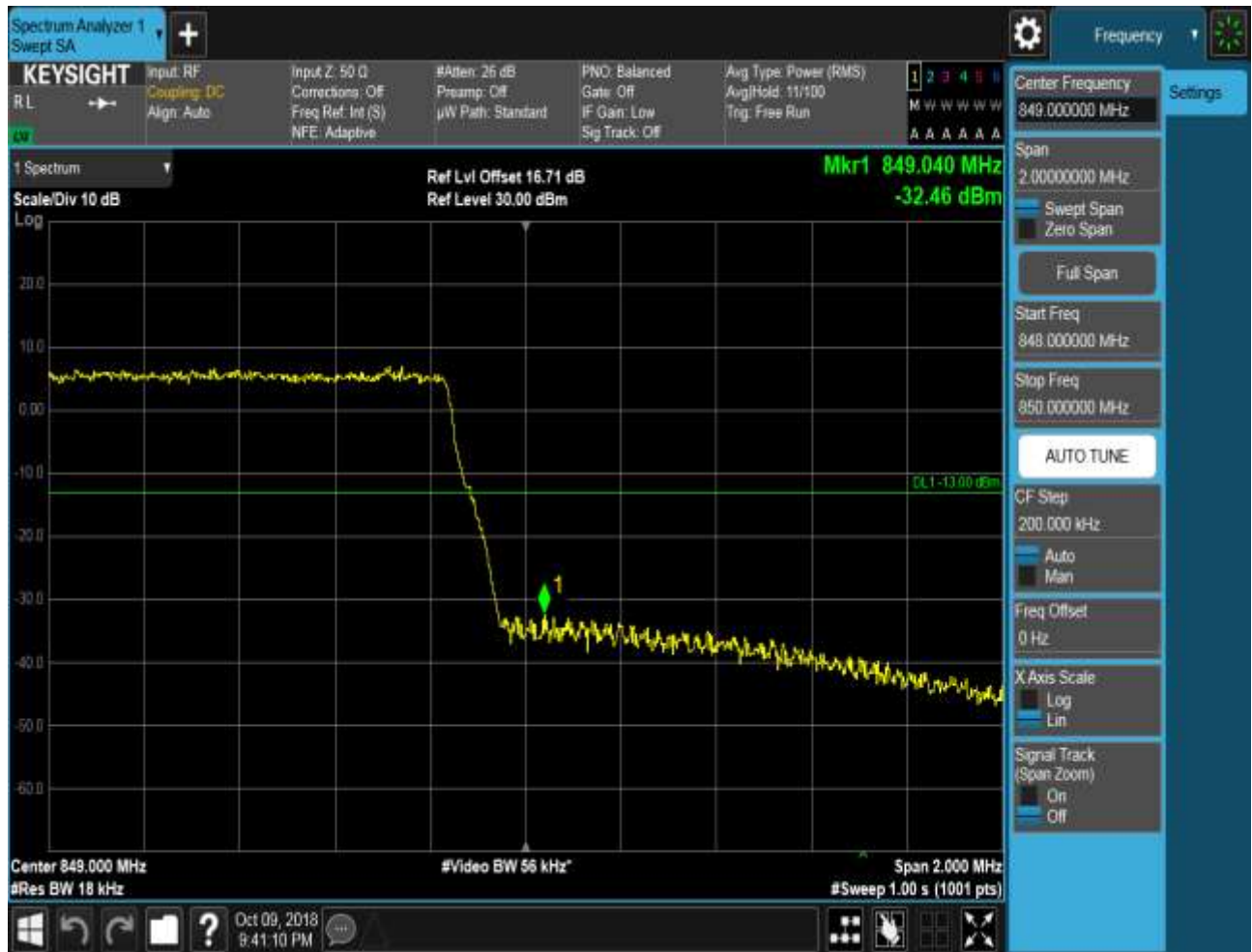
5.1.1.2.1.2.2 Test RB = RB1#5



5.1.1.2.1.2.3 Test RB = RB3#2



5.1.1.2.1.2.4 Test RB = RB6#0

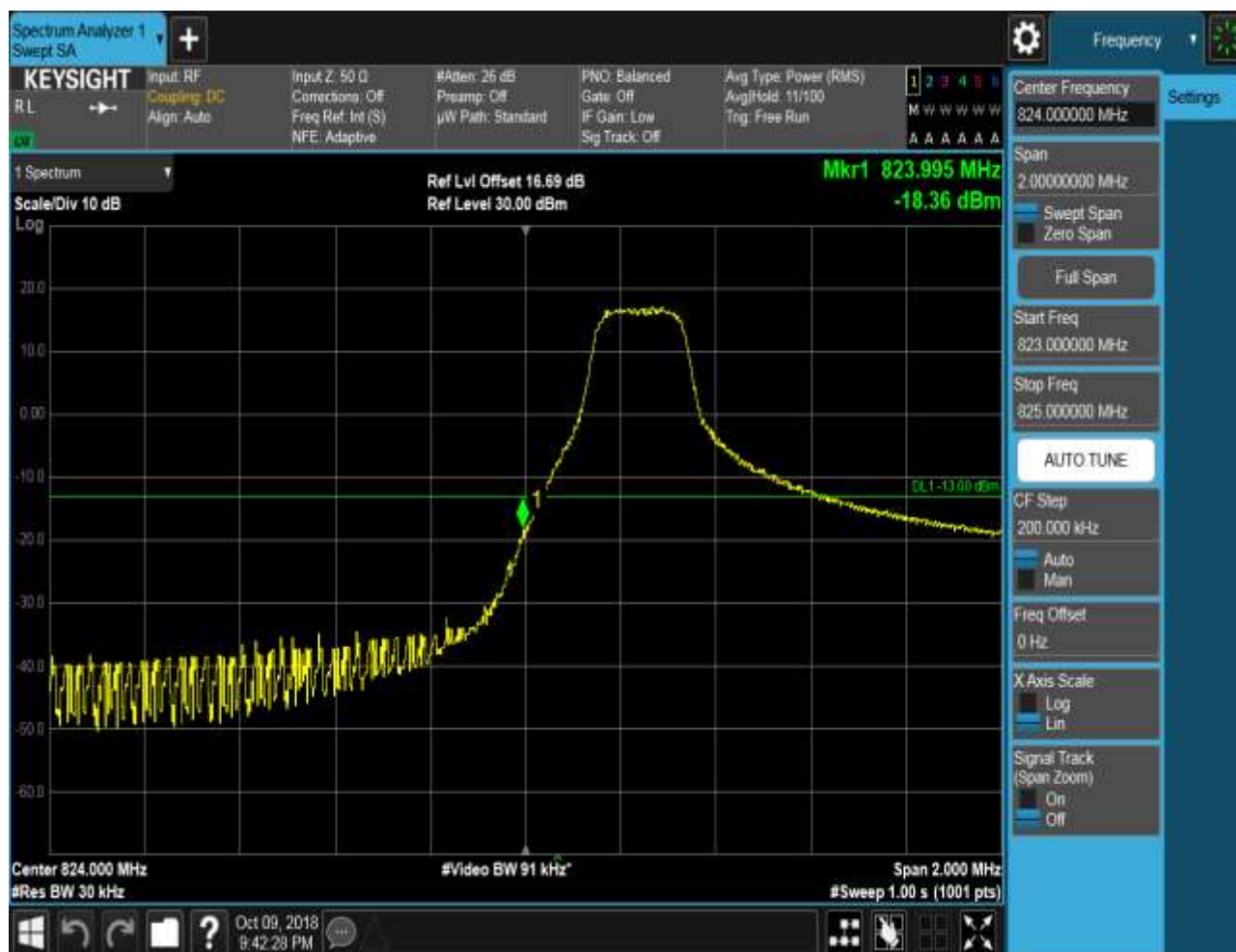




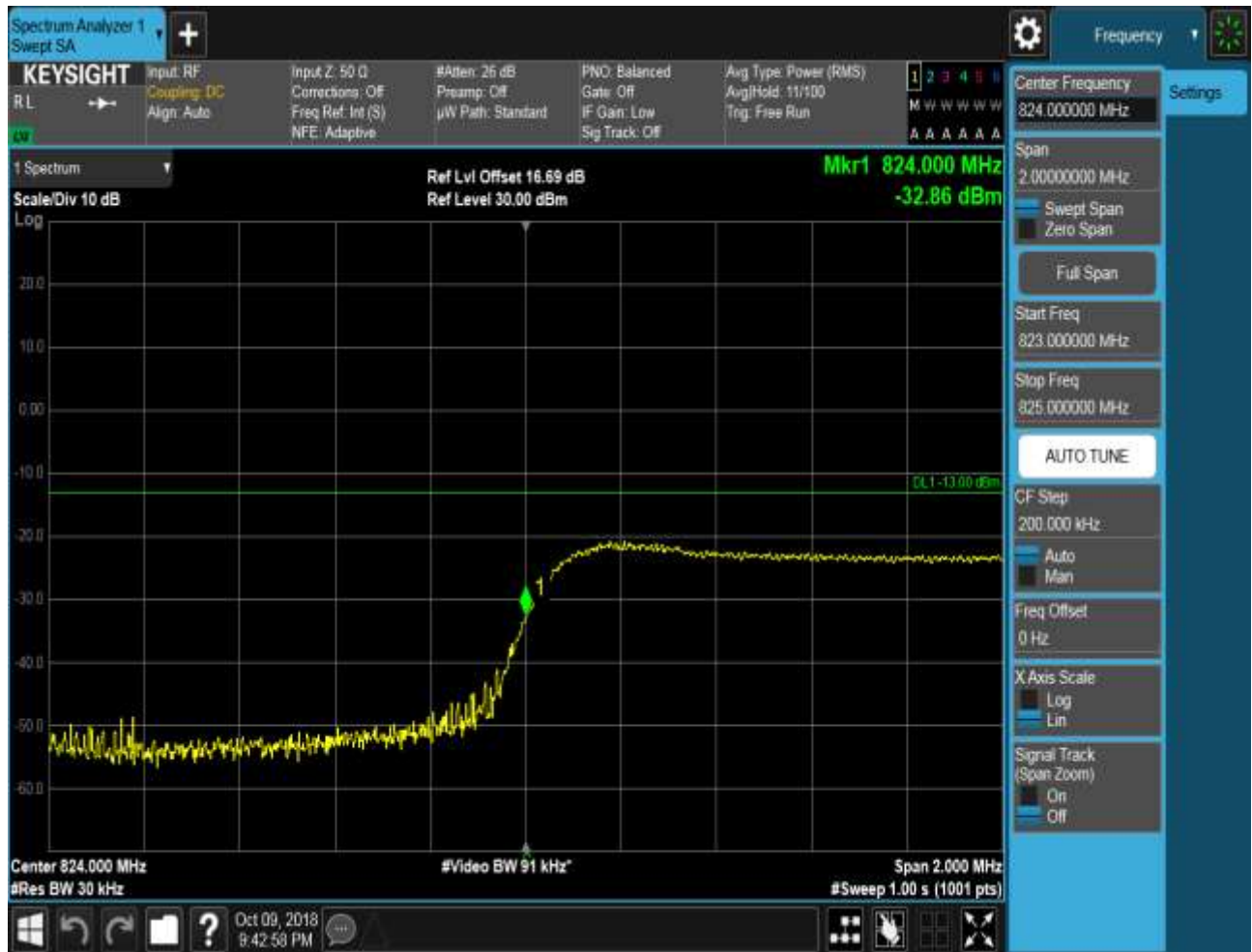
5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



5.1.1.2.2.1.2 Test RB = RB1#14



5.1.1.2.2.1.3 Test RB = RB8#4





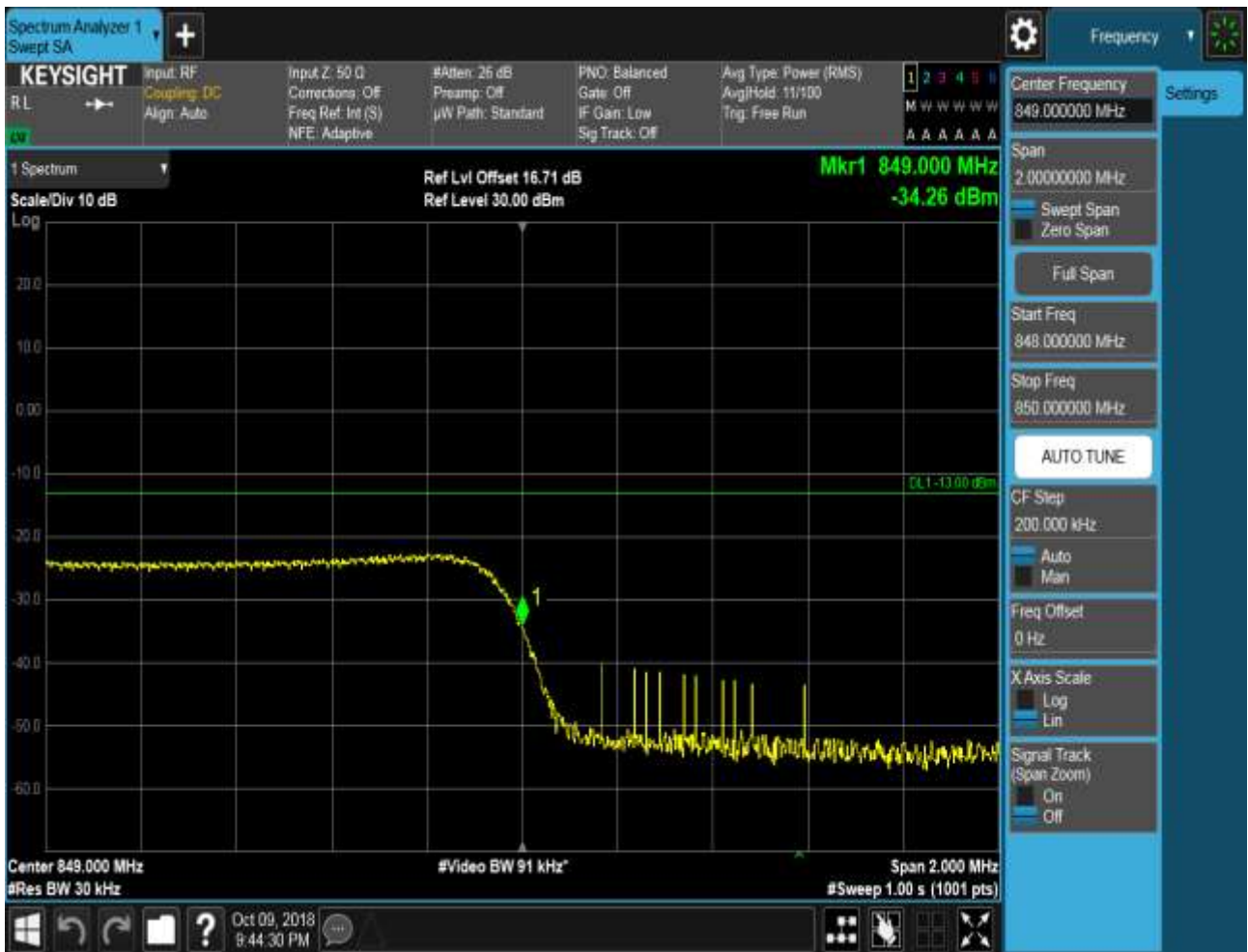
5.1.1.2.2.1.4 Test RB = RB15#0



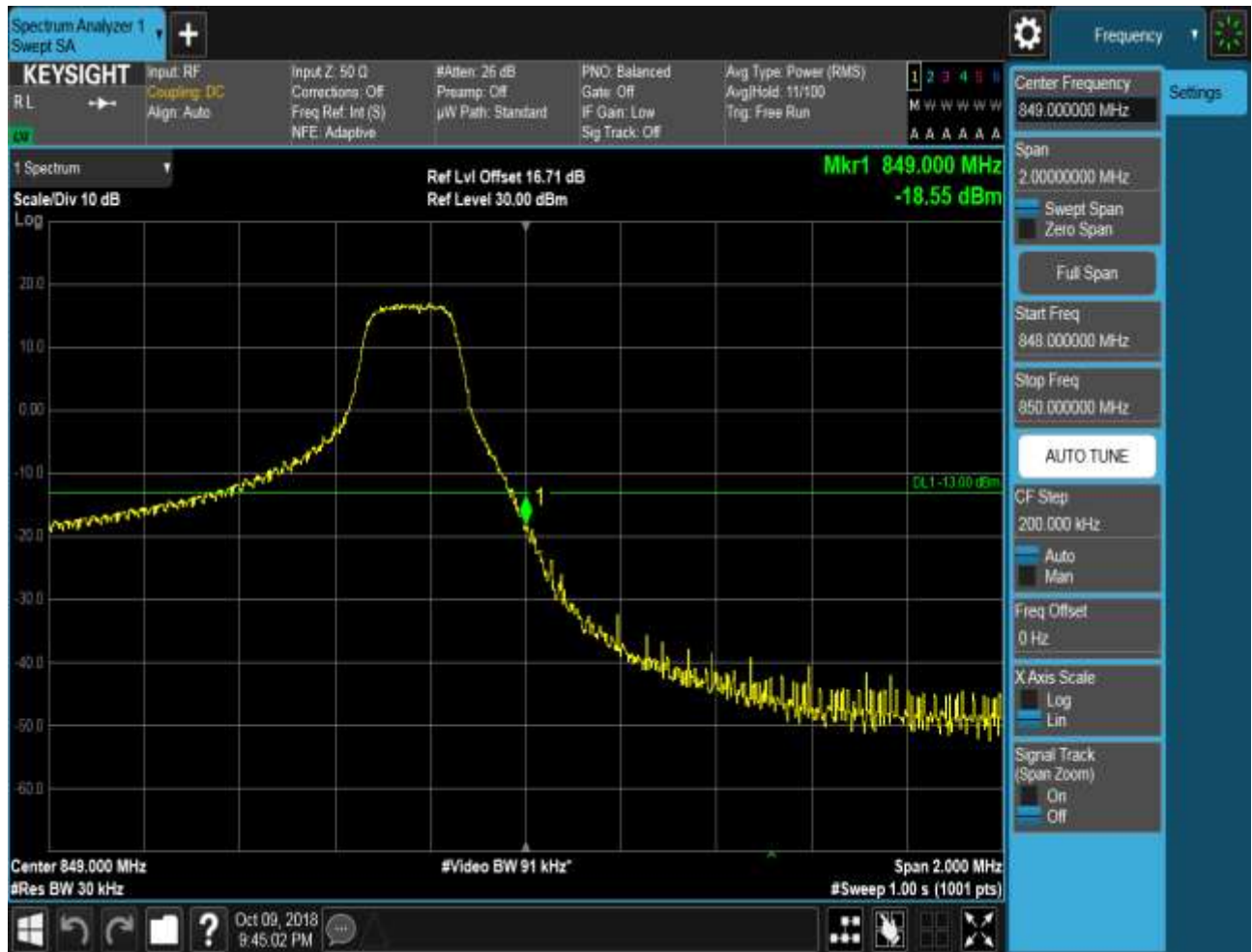


5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



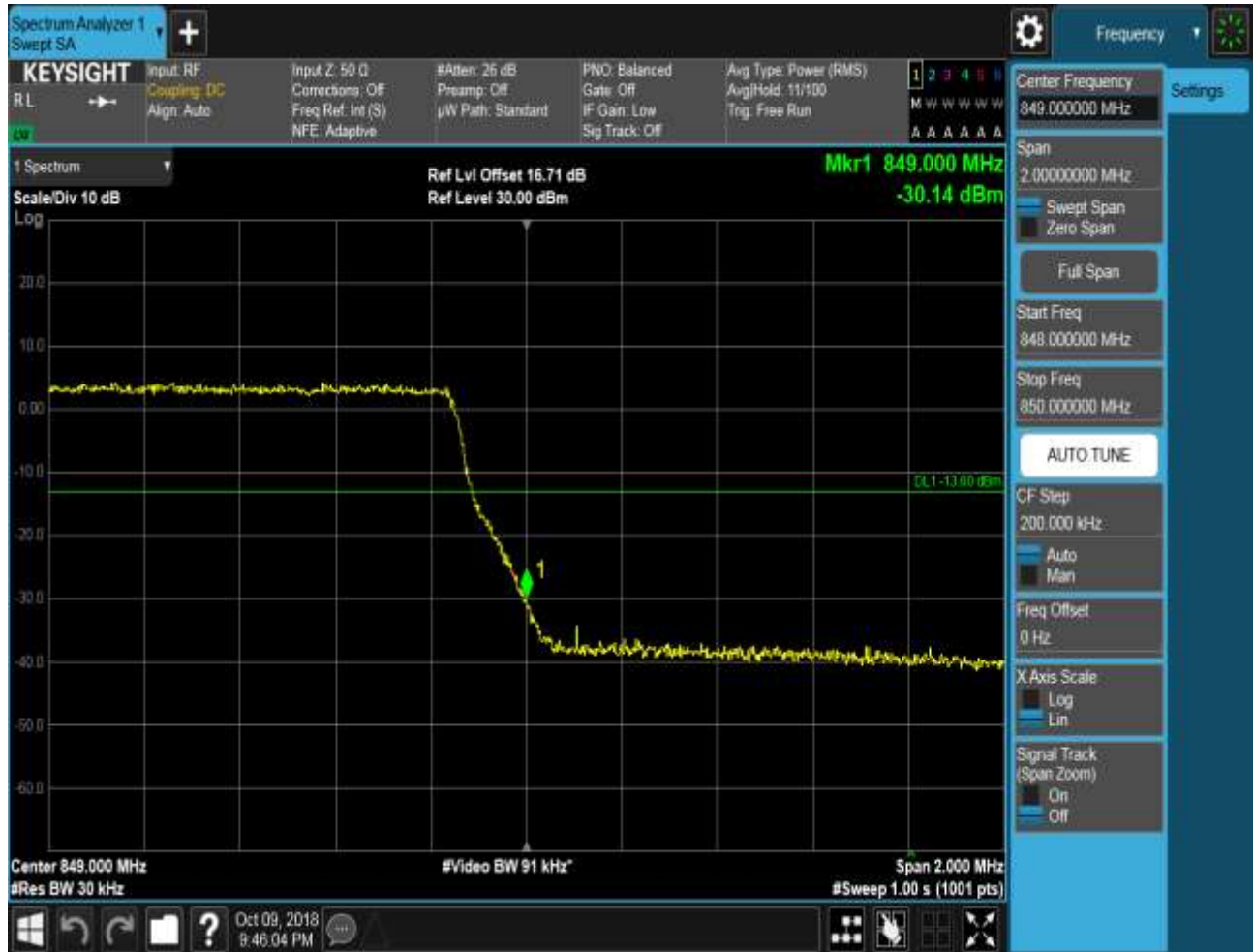
5.1.1.2.2.2 Test RB = RB1#14



5.1.1.2.2.3 Test RB = RB8#4

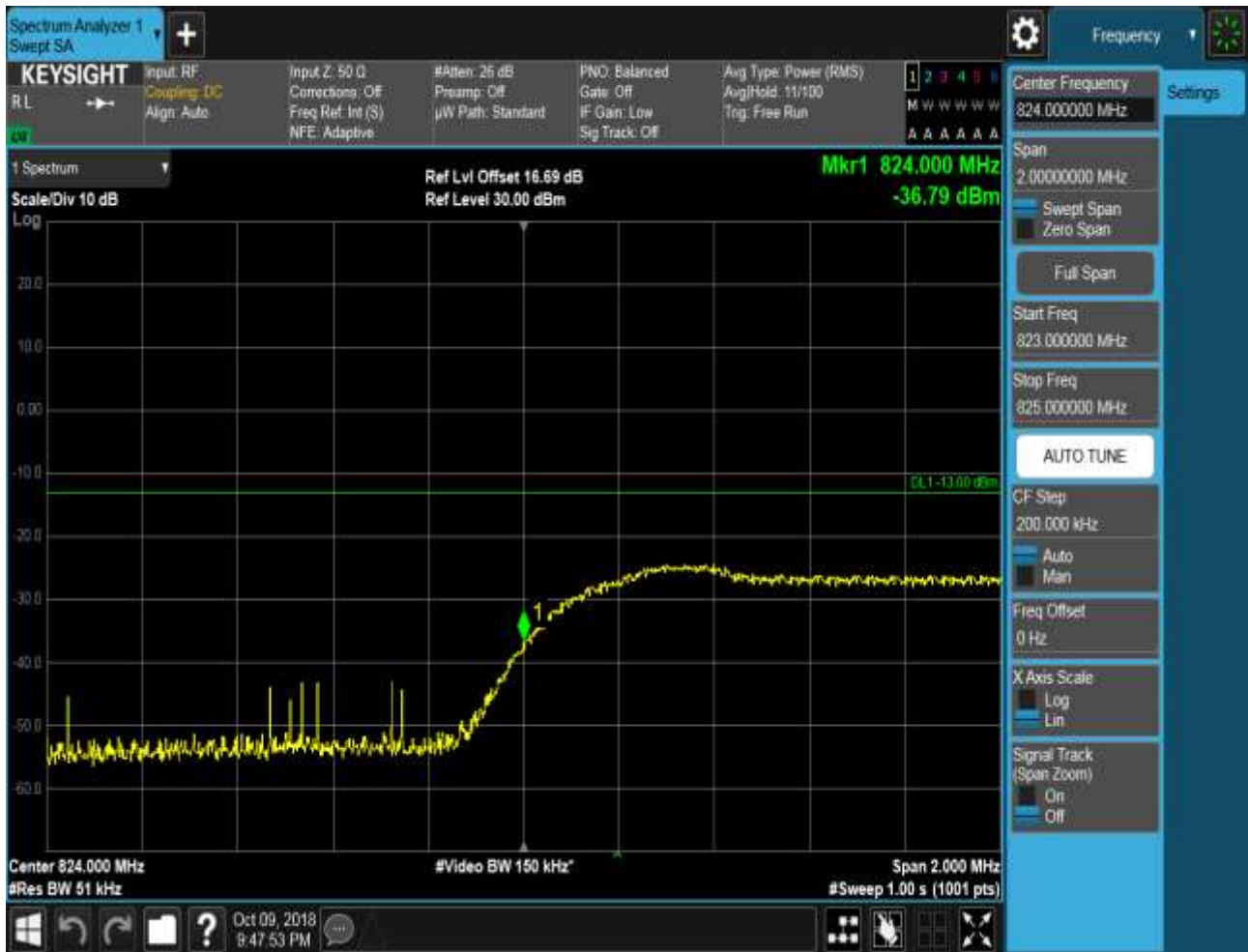


5.1.1.2.2.4 Test RB = RB15#0





5.1.1.2.3.1.2 Test RB = RB1#24



5.1.1.2.3.1.3 Test RB = RB12#6



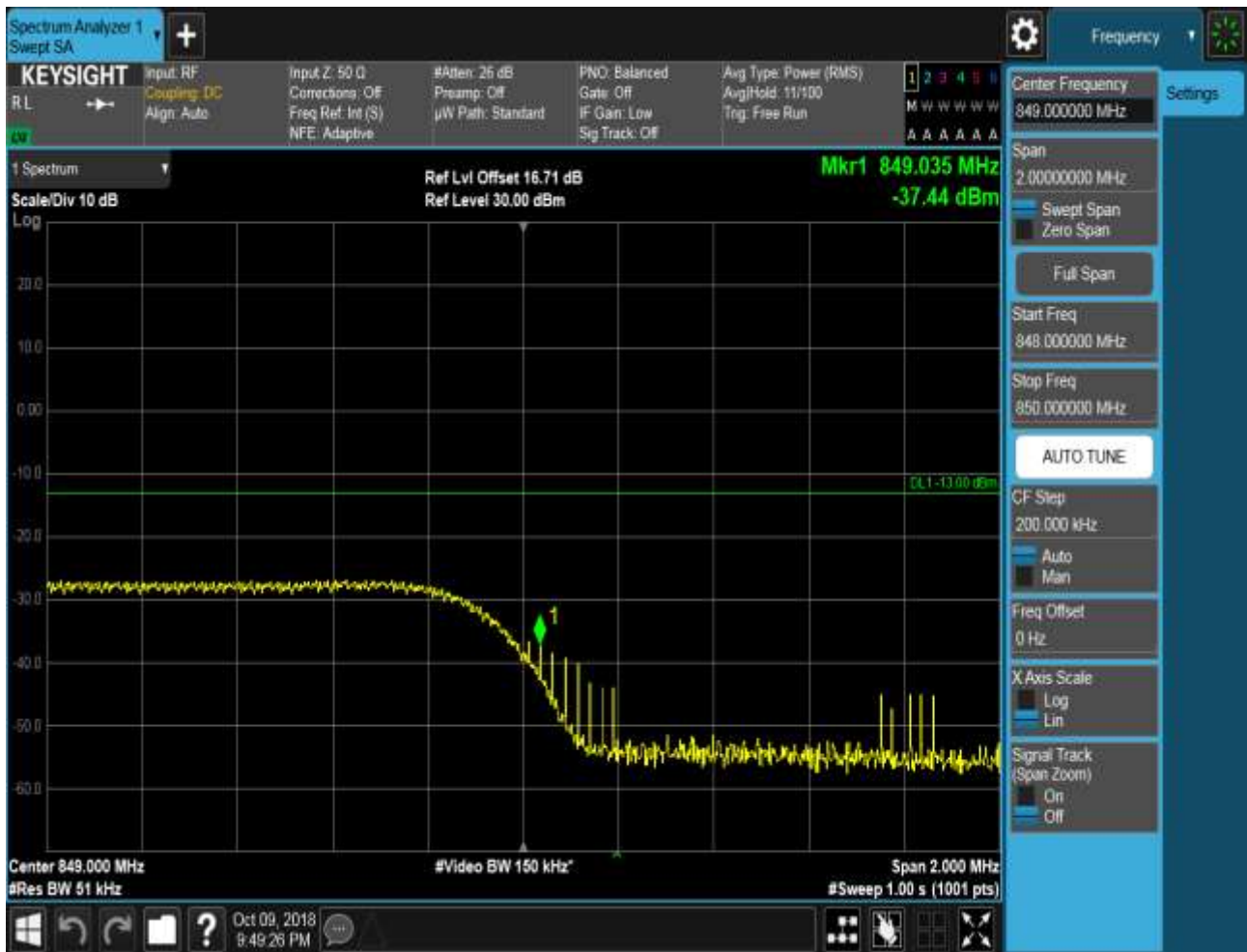
5.1.1.2.3.1.4 Test RB = RB25#0



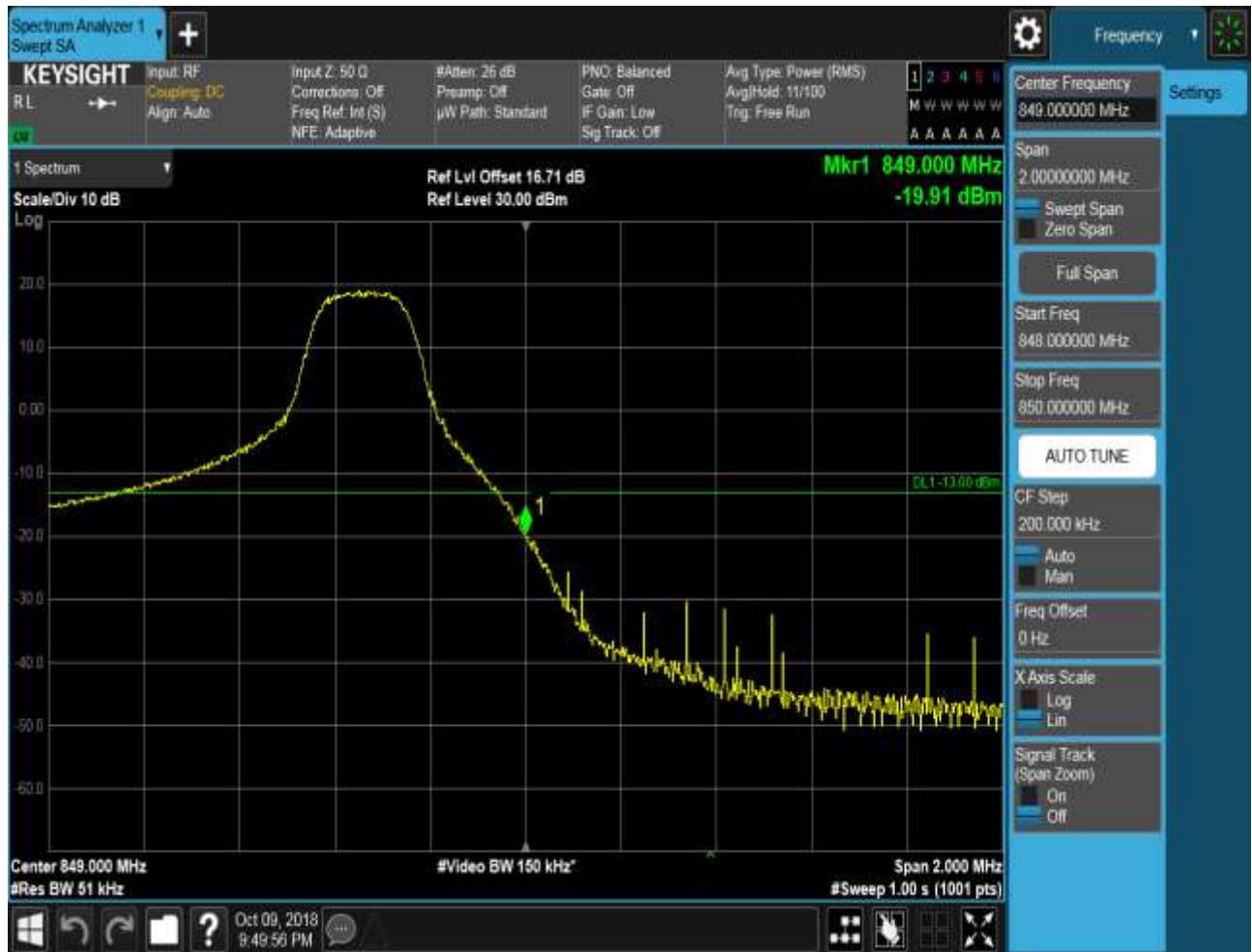


5.1.1.2.3.2 Test Channel = HCH

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



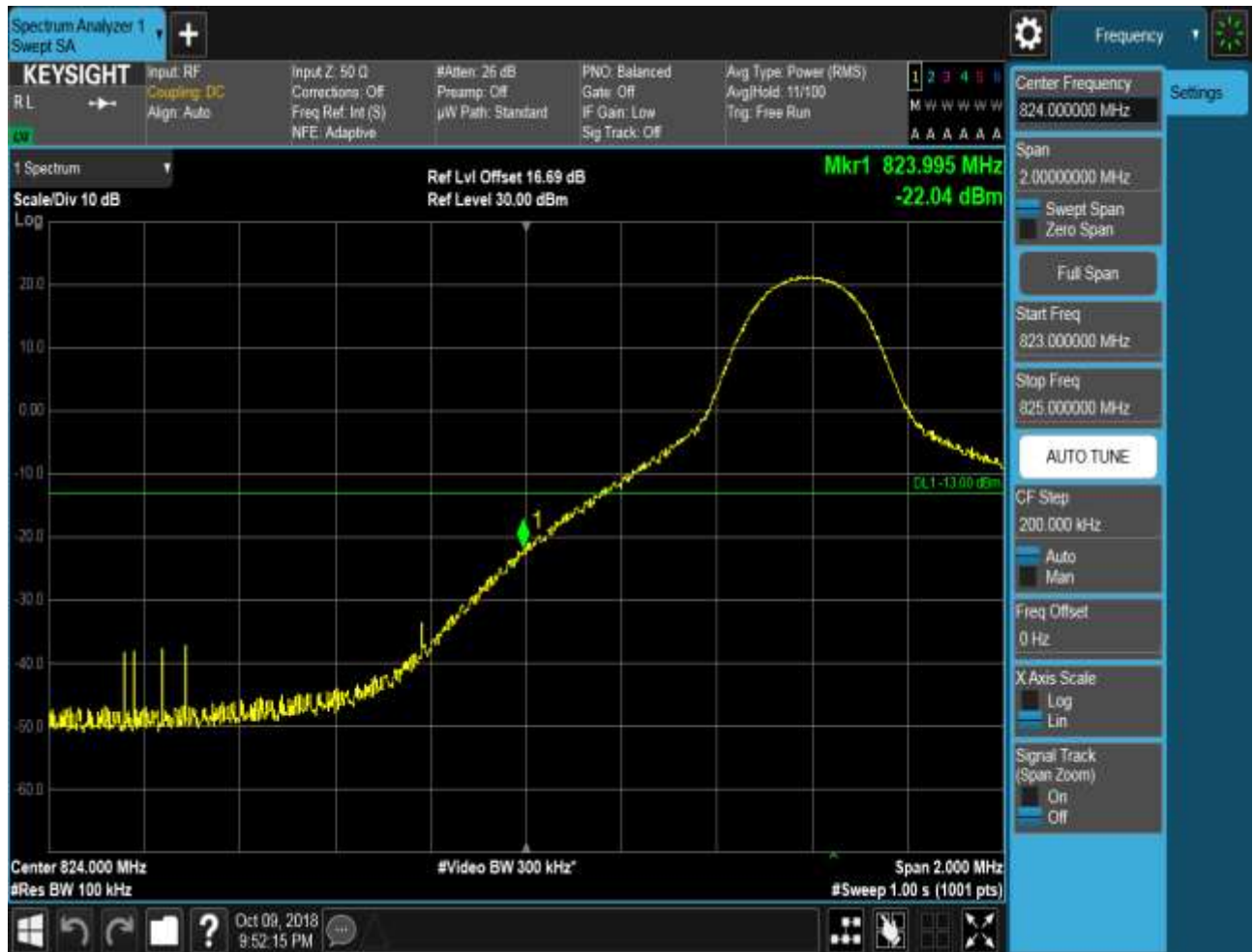
5.1.1.2.3.2.4 Test RB = RB25#0



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



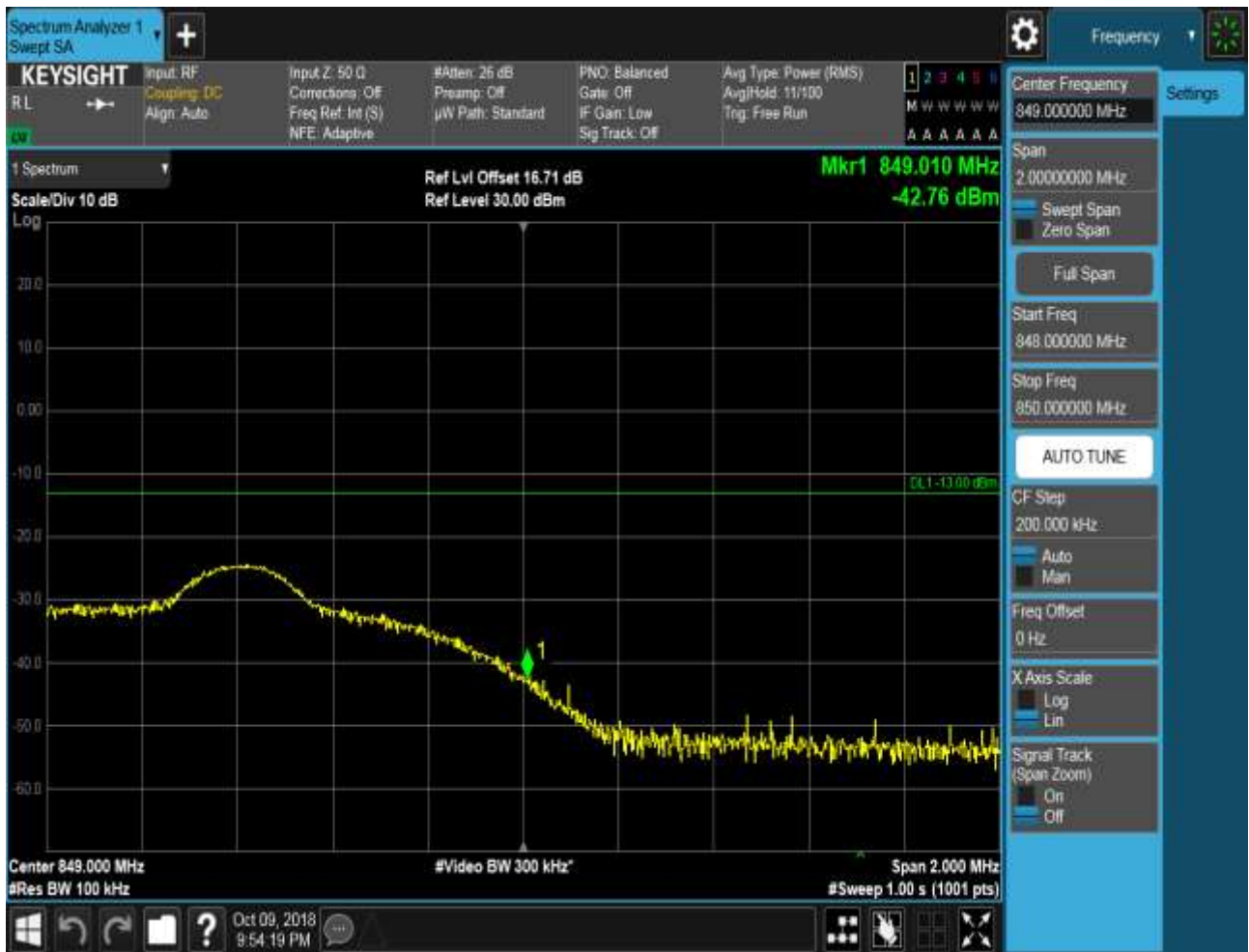
5.1.1.2.4.1.4 Test RB = RB50#0





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









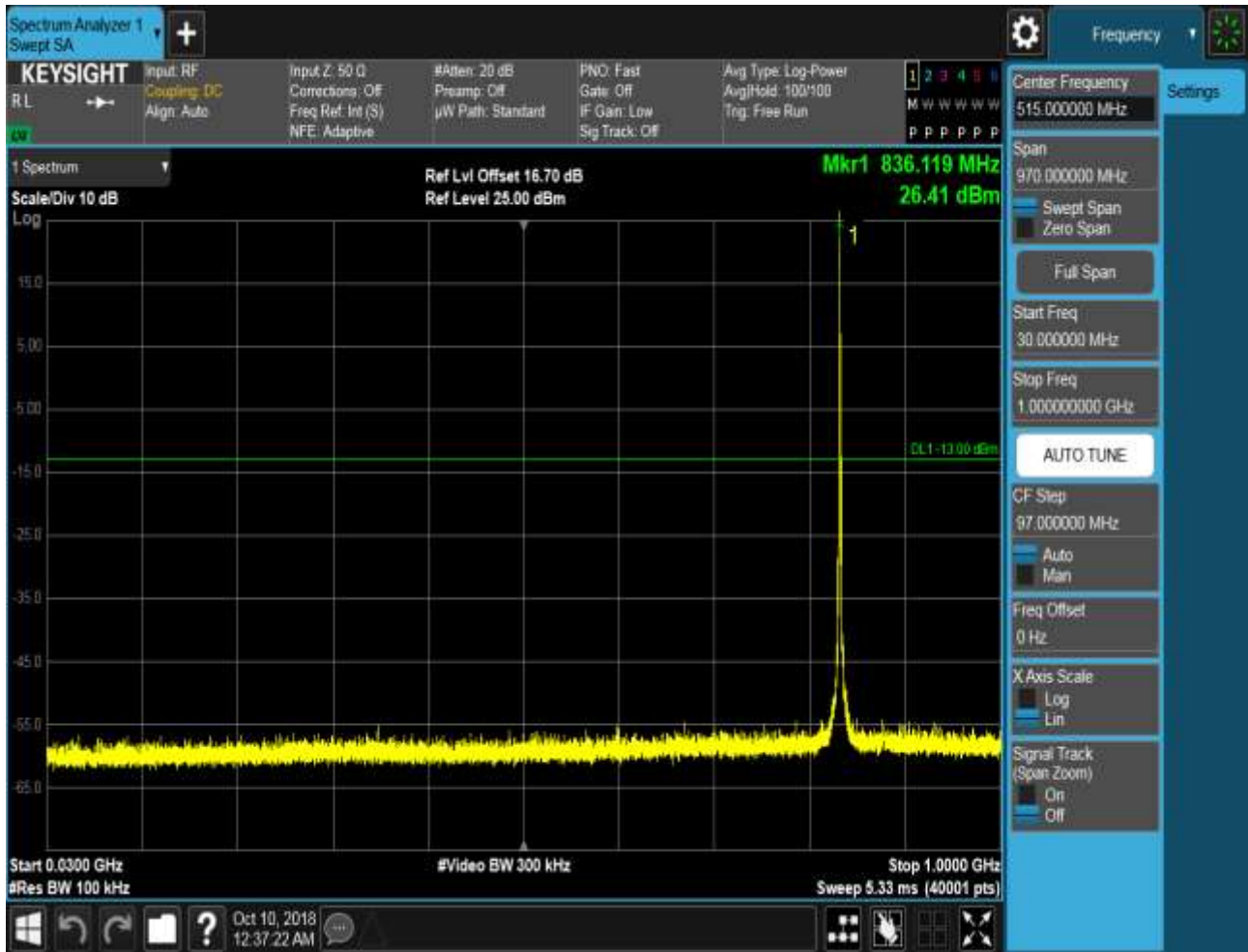


6.1.1.1.1.2 Test Channel = MCH

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





