



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]	EIRP [dBm]	Limit [dBm]	Verdict
Band7	LTE/TM1	5	LCH	RB1#0	22.90	23.50	33	PASS
				RB1#13	22.88	23.48	33	PASS
				RB1#24	22.80	23.40	33	PASS
				RB12#0	21.97	22.57	33	PASS
				RB12#6	21.85	22.45	33	PASS
				RB12#13	22.00	22.60	33	PASS
			MCH	RB25#0	21.90	22.50	33	PASS
				RB1#0	22.56	23.16	33	PASS
				RB1#13	22.59	23.19	33	PASS
				RB1#24	22.62	23.22	33	PASS
				RB12#0	21.62	22.22	33	PASS
				RB12#6	21.59	22.19	33	PASS
				RB12#13	21.59	22.19	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB25#0	21.55	22.15	33	PASS
				RB1#0	22.57	23.17	33	PASS
				RB1#13	22.63	23.23	33	PASS
				RB1#24	22.56	23.16	33	PASS
				RB12#0	21.58	22.18	33	PASS
				RB12#6	21.59	22.19	33	PASS
				RB12#13	21.68	22.28	33	PASS
				RB25#0	21.57	22.17	33	PASS
		10	LCH	RB1#0	22.87	23.47	33	PASS
				RB1#25	22.53	23.13	33	PASS
				RB1#49	22.89	23.49	33	PASS
				RB25#0	21.81	22.41	33	PASS
				RB25#13	21.88	22.48	33	PASS
				RB25#25	21.91	22.51	33	PASS
				RB50#0	21.87	22.47	33	PASS
			MCH	RB1#0	22.64	23.24	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.16	22.76	33	PASS
				RB1#49	22.58	23.18	33	PASS
				RB25#0	21.57	22.17	33	PASS
				RB25#13	21.57	22.17	33	PASS
				RB25#25	21.48	22.08	33	PASS
				RB50#0	21.51	22.11	33	PASS
			HCH	RB1#0	22.56	23.16	33	PASS
				RB1#25	22.44	23.04	33	PASS
				RB1#49	22.70	23.30	33	PASS
				RB25#0	21.57	22.17	33	PASS
				RB25#13	21.63	22.23	33	PASS
				RB25#25	21.59	22.19	33	PASS
				RB50#0	21.54	22.14	33	PASS
		15	LCH	RB1#0	22.75	23.35	33	PASS
				RB1#38	22.88	23.48	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	22.68	23.28	33	PASS
				RB38#0	21.81	22.41	33	PASS
				RB38#19	21.91	22.51	33	PASS
				RB38#39	21.93	22.53	33	PASS
				RB75#0	21.89	22.49	33	PASS
			MCH	RB1#0	22.49	23.09	33	PASS
				RB1#38	22.55	23.15	33	PASS
				RB1#74	22.42	23.02	33	PASS
				RB38#0	21.58	22.18	33	PASS
				RB38#19	21.60	22.20	33	PASS
				RB38#39	21.55	22.15	33	PASS
				RB75#0	21.52	22.12	33	PASS
			HCH	RB1#0	22.48	23.08	33	PASS
				RB1#38	22.72	23.32	33	PASS
				RB1#74	22.54	23.14	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#0	21.51	22.11	33	PASS
				RB38#19	21.59	22.19	33	PASS
				RB38#39	21.63	22.23	33	PASS
				RB75#0	21.55	22.15	33	PASS
		20	LCH	RB1#0	22.90	23.50	33	PASS
				RB1#50	22.71	23.31	33	PASS
				RB1#99	22.82	23.42	33	PASS
				RB50#0	21.84	22.44	33	PASS
				RB50#25	21.88	22.48	33	PASS
				RB50#50	21.79	22.39	33	PASS
				RB100#0	21.83	22.43	33	PASS
			MCH	RB1#0	22.60	23.20	33	PASS
				RB1#50	22.26	22.86	33	PASS
				RB1#99	22.57	23.17	33	PASS
				RB50#0	21.61	22.21	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.55	22.15	33	PASS
				RB50#50	21.54	22.14	33	PASS
				RB100#0	21.48	22.08	33	PASS
			HCH	RB1#0	22.43	23.03	33	PASS
				RB1#50	22.23	22.83	33	PASS
				RB1#99	22.68	23.28	33	PASS
				RB50#0	21.52	22.12	33	PASS
				RB50#25	21.60	22.20	33	PASS
				RB50#50	21.59	22.19	33	PASS
				RB100#0	21.55	22.15	33	PASS
	LTE/TM2	5	LCH	RB1#0	22.10	22.70	33	PASS
				RB1#13	22.05	22.65	33	PASS
				RB1#24	22.13	22.73	33	PASS
				RB12#0	20.89	21.49	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#6	20.86	21.46	33	PASS
				RB12#13	20.88	21.48	33	PASS
				RB25#0	20.81	21.41	33	PASS
			MCH	RB1#0	21.88	22.48	33	PASS
				RB1#13	21.95	22.55	33	PASS
				RB1#24	21.82	22.42	33	PASS
				RB12#0	20.50	21.10	33	PASS
				RB12#6	20.50	21.10	33	PASS
				RB12#13	20.50	21.10	33	PASS
				RB25#0	20.44	21.04	33	PASS
			HCH	RB1#0	21.93	22.53	33	PASS
				RB1#13	22.00	22.60	33	PASS
				RB1#24	21.94	22.54	33	PASS
				RB12#0	20.58	21.18	33	PASS
				RB12#6	20.56	21.16	33	PASS
				RB12#13	20.62	21.22	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		10		RB25#0	20.64	21.24	33	PASS
				RB1#0	22.26	22.86	33	PASS
			LCH	RB1#25	21.63	22.23	33	PASS
				RB1#49	22.21	22.81	33	PASS
				RB25#0	20.75	21.35	33	PASS
				RB25#13	20.85	21.45	33	PASS
				RB25#25	20.84	21.44	33	PASS
				RB50#0	20.75	21.35	33	PASS
			MCH	RB1#0	21.69	22.29	33	PASS
				RB1#25	21.40	22.00	33	PASS
				RB1#49	21.63	22.23	33	PASS
				RB25#0	20.58	21.18	33	PASS
				RB25#13	20.46	21.06	33	PASS
				RB25#25	20.51	21.11	33	PASS
				RB50#0	20.48	21.08	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.81	22.41	33	PASS
				RB1#25	21.66	22.26	33	PASS
				RB1#49	21.92	22.52	33	PASS
				RB25#0	20.56	21.16	33	PASS
				RB25#13	20.57	21.17	33	PASS
				RB25#25	20.56	21.16	33	PASS
				RB50#0	20.51	21.11	33	PASS
		15	LCH	RB1#0	22.12	22.72	33	PASS
				RB1#38	22.15	22.75	33	PASS
				RB1#74	22.07	22.67	33	PASS
				RB38#0	20.81	21.41	33	PASS
				RB38#19	20.88	21.48	33	PASS
				RB38#39	20.85	21.45	33	PASS
				RB75#0	20.79	21.39	33	PASS
			MCH	RB1#0	21.63	22.23	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.76	22.36	33	PASS
				RB1#74	21.56	22.16	33	PASS
				RB38#0	20.58	21.18	33	PASS
				RB38#19	20.49	21.09	33	PASS
				RB38#39	20.44	21.04	33	PASS
				RB75#0	20.47	21.07	33	PASS
			HCH	RB1#0	21.73	22.33	33	PASS
				RB1#38	21.87	22.47	33	PASS
				RB1#74	21.78	22.38	33	PASS
				RB38#0	20.50	21.10	33	PASS
				RB38#19	20.57	21.17	33	PASS
				RB38#39	20.60	21.20	33	PASS
				RB75#0	20.53	21.13	33	PASS
		20	LCH	RB1#0	22.20	22.80	33	PASS
				RB1#50	21.84	22.44	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	22.15	22.75	33	PASS
				RB50#0	20.80	21.40	33	PASS
				RB50#25	20.78	21.38	33	PASS
				RB50#50	20.76	21.36	33	PASS
				RB100#0	20.78	21.38	33	PASS
			MCH	RB1#0	22.00	22.60	33	PASS
				RB1#50	21.72	22.32	33	PASS
				RB1#99	21.92	22.52	33	PASS
				RB50#0	20.52	21.12	33	PASS
				RB50#25	20.49	21.09	33	PASS
				RB50#50	20.43	21.03	33	PASS
				RB100#0	20.46	21.06	33	PASS
			HCH	RB1#0	21.69	22.29	33	PASS
				RB1#50	21.51	22.11	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	21.96	22.56	33	PASS
				RB50#0	20.45	21.05	33	PASS
				RB50#25	20.46	21.06	33	PASS
				RB50#50	20.57	21.17	33	PASS
				RB100#0	20.53	21.13	33	PASS

Note1:

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

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

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

b, SGP = Signal Generator Level

Note2:

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

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

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

SET Sweep time = auto - couple.

Detector: RMS



2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
Band7	LTE/TM1	5	LCH	RB1#0	4.89	13	PASS
				RB1#13	4.90	13	PASS
				RB1#24	4.99	13	PASS
				RB12#0	5.53	13	PASS
				RB12#6	5.69	13	PASS
				RB12#13	5.67	13	PASS
				RB25#0	5.93	13	PASS
			MCH	RB1#0	4.78	13	PASS
				RB1#13	4.83	13	PASS
				RB1#24	4.93	13	PASS
				RB12#0	5.96	13	PASS
				RB12#6	6.15	13	PASS
				RB12#13	6.01	13	PASS
				RB25#0	6.13	13	PASS
			HCH	RB1#0	4.95	13	PASS
				RB1#13	4.74	13	PASS
				RB1#24	4.70	13	PASS
				RB12#0	6.03	13	PASS
				RB12#6	6.03	13	PASS
				RB12#13	5.67	13	PASS
				RB25#0	6.10	13	PASS
		10	LCH	RB1#0	4.50	13	PASS
				RB1#25	4.64	13	PASS
				RB1#49	4.66	13	PASS
				RB25#0	5.73	13	PASS
				RB25#13	5.83	13	PASS
				RB25#25	5.93	13	PASS
				RB50#0	6.04	13	PASS
			MCH	RB1#0	4.60	13	PASS
				RB1#25	4.80	13	PASS
				RB1#49	4.85	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	6.10	13	PASS
				RB25#25	6.23	13	PASS
				RB50#0	6.36	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.83	13	PASS
				RB1#25	4.75	13	PASS
				RB1#49	4.68	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	5.99	13	PASS
				RB25#25	6.02	13	PASS
				RB50#0	6.18	13	PASS
		15	LCH	RB1#0	4.46	13	PASS
				RB1#38	4.49	13	PASS
				RB1#74	4.56	13	PASS
				RB38#0	6.03	13	PASS
				RB38#19	5.99	13	PASS
				RB38#39	6.10	13	PASS
				RB75#0	6.20	13	PASS
			MCH	RB1#0	4.55	13	PASS
				RB1#38	4.63	13	PASS
				RB1#74	4.72	13	PASS
				RB38#0	6.13	13	PASS
				RB38#19	6.24	13	PASS
				RB38#39	6.38	13	PASS
				RB75#0	6.47	13	PASS
			HCH	RB1#0	4.99	13	PASS
				RB1#38	4.86	13	PASS
				RB1#74	4.88	13	PASS
				RB38#0	6.10	13	PASS
				RB38#19	6.01	13	PASS
				RB38#39	6.10	13	PASS
				RB75#0	6.39	13	PASS
		20	LCH	RB1#0	4.51	13	PASS
				RB1#50	4.75	13	PASS
				RB1#99	4.59	13	PASS
				RB50#0	5.99	13	PASS
				RB50#25	5.92	13	PASS
				RB50#50	6.09	13	PASS
				RB100#0	6.24	13	PASS
			MCH	RB1#0	4.56	13	PASS
				RB1#50	4.91	13	PASS
				RB1#99	4.92	13	PASS
				RB50#0	6.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	6.30	13	PASS
				RB50#50	6.45	13	PASS
				RB100#0	6.41	13	PASS
			HCH	RB1#0	4.66	13	PASS
				RB1#50	4.74	13	PASS
				RB1#99	4.60	13	PASS
				RB50#0	6.32	13	PASS
				RB50#25	6.23	13	PASS
				RB50#50	6.22	13	PASS
				RB100#0	6.52	13	PASS
	LTE/TM1	5	LCH	RB1#0	5.58	13	PASS
				RB1#13	5.55	13	PASS
				RB1#24	5.78	13	PASS
				RB12#0	6.52	13	PASS
				RB12#6	6.70	13	PASS
				RB12#13	6.53	13	PASS
				RB25#0	6.71	13	PASS
			MCH	RB1#0	5.45	13	PASS
				RB1#13	5.48	13	PASS
				RB1#24	5.51	13	PASS
				RB12#0	6.88	13	PASS
				RB12#6	6.71	13	PASS
				RB12#13	6.90	13	PASS
				RB25#0	7.21	13	PASS
		10	HCH	RB1#0	5.38	13	PASS
				RB1#13	5.28	13	PASS
				RB1#24	5.12	13	PASS
				RB12#0	6.71	13	PASS
				RB12#6	6.78	13	PASS
				RB12#13	6.96	13	PASS
				RB25#0	6.93	13	PASS
			LCH	RB1#0	5.44	13	PASS
				RB1#25	5.86	13	PASS
				RB1#49	5.78	13	PASS
				RB25#0	6.80	13	PASS
				RB25#13	6.81	13	PASS
				RB25#25	6.98	13	PASS
				RB50#0	6.91	13	PASS
			MCH	RB1#0	5.40	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.50	13	PASS
				RB1#49	5.56	13	PASS
				RB25#0	6.95	13	PASS
				RB25#13	6.98	13	PASS
				RB25#25	7.05	13	PASS
				RB50#0	7.38	13	PASS
			HCH	RB1#0	5.39	13	PASS
				RB1#25	5.56	13	PASS
				RB1#49	5.31	13	PASS
				RB25#0	6.95	13	PASS
				RB25#13	6.89	13	PASS
				RB25#25	6.99	13	PASS
				RB50#0	7.16	13	PASS
		15	LCH	RB1#0	5.59	13	PASS
				RB1#38	5.70	13	PASS
				RB1#74	5.72	13	PASS
				RB38#0	6.76	13	PASS
				RB38#19	6.99	13	PASS
				RB38#39	6.88	13	PASS
				RB75#0	7.25	13	PASS
			MCH	RB1#0	5.77	13	PASS
				RB1#38	5.85	13	PASS
				RB1#74	6.00	13	PASS
				RB38#0	7.19	13	PASS
				RB38#19	7.17	13	PASS
				RB38#39	7.20	13	PASS
				RB75#0	7.47	13	PASS
			HCH	RB1#0	5.44	13	PASS
				RB1#38	5.34	13	PASS
				RB1#74	5.48	13	PASS
				RB38#0	7.14	13	PASS
				RB38#19	7.01	13	PASS
				RB38#39	7.15	13	PASS
				RB75#0	7.34	13	PASS
		20	LCH	RB1#0	5.29	13	PASS
				RB1#50	5.45	13	PASS
				RB1#99	5.35	13	PASS
				RB50#0	6.94	13	PASS
				RB50#25	6.89	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#50	6.99	13	PASS
				RB100#0	7.07	13	PASS
			MCH	RB1#0	5.62	13	PASS
				RB1#50	5.58	13	PASS
				RB1#99	5.79	13	PASS
				RB50#0	6.98	13	PASS
				RB50#25	7.16	13	PASS
				RB50#50	7.22	13	PASS
				RB100#0	7.35	13	PASS
			HCH	RB1#0	5.59	13	PASS
				RB1#50	5.83	13	PASS
				RB1#99	5.52	13	PASS
				RB50#0	7.38	13	PASS
				RB50#25	7.19	13	PASS
				RB50#50	7.09	13	PASS
				RB100#0	7.46	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

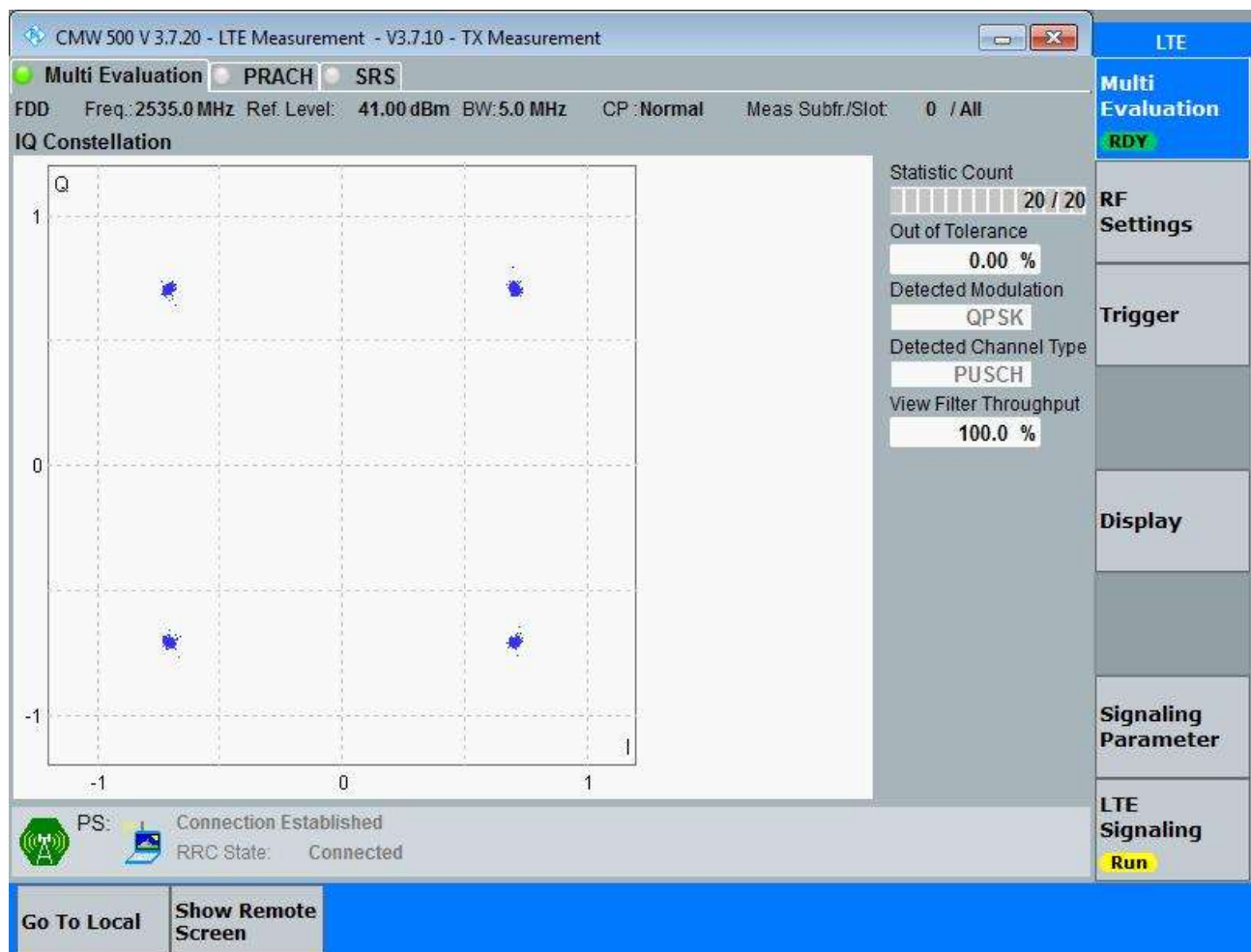
3.1.1 Test Band = Band7

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 5

3.1.1.1.1.1 Test Channel = MCH

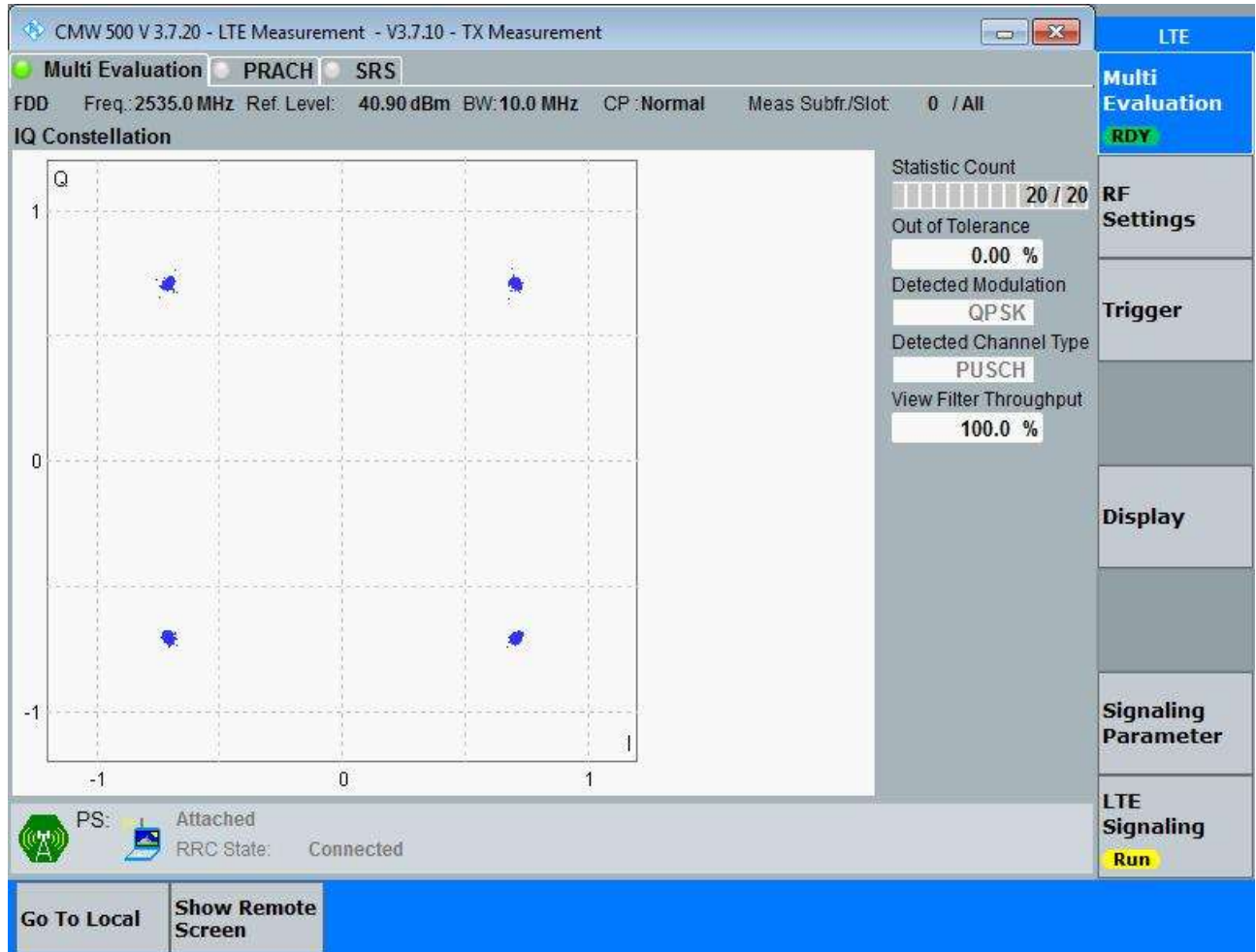
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

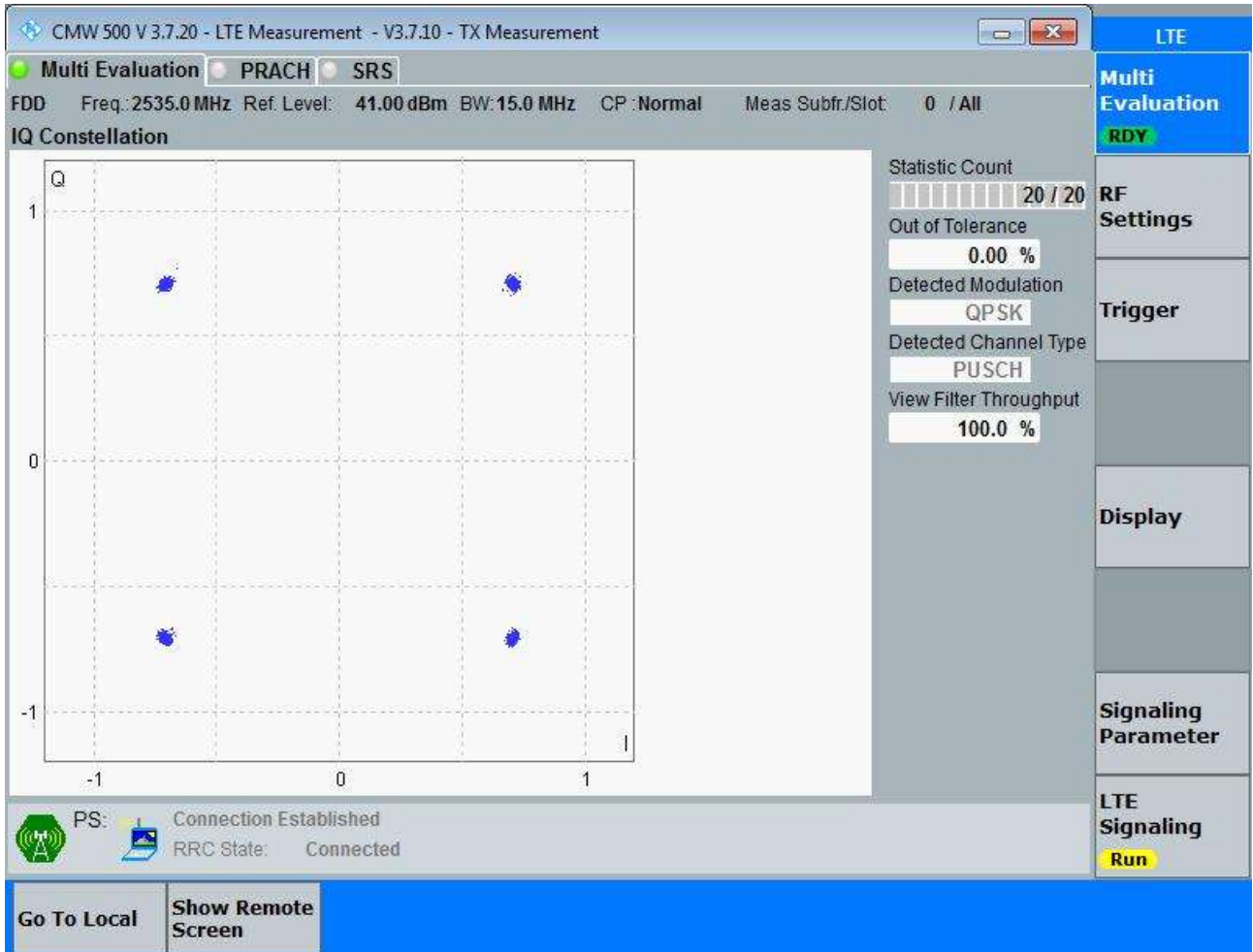
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

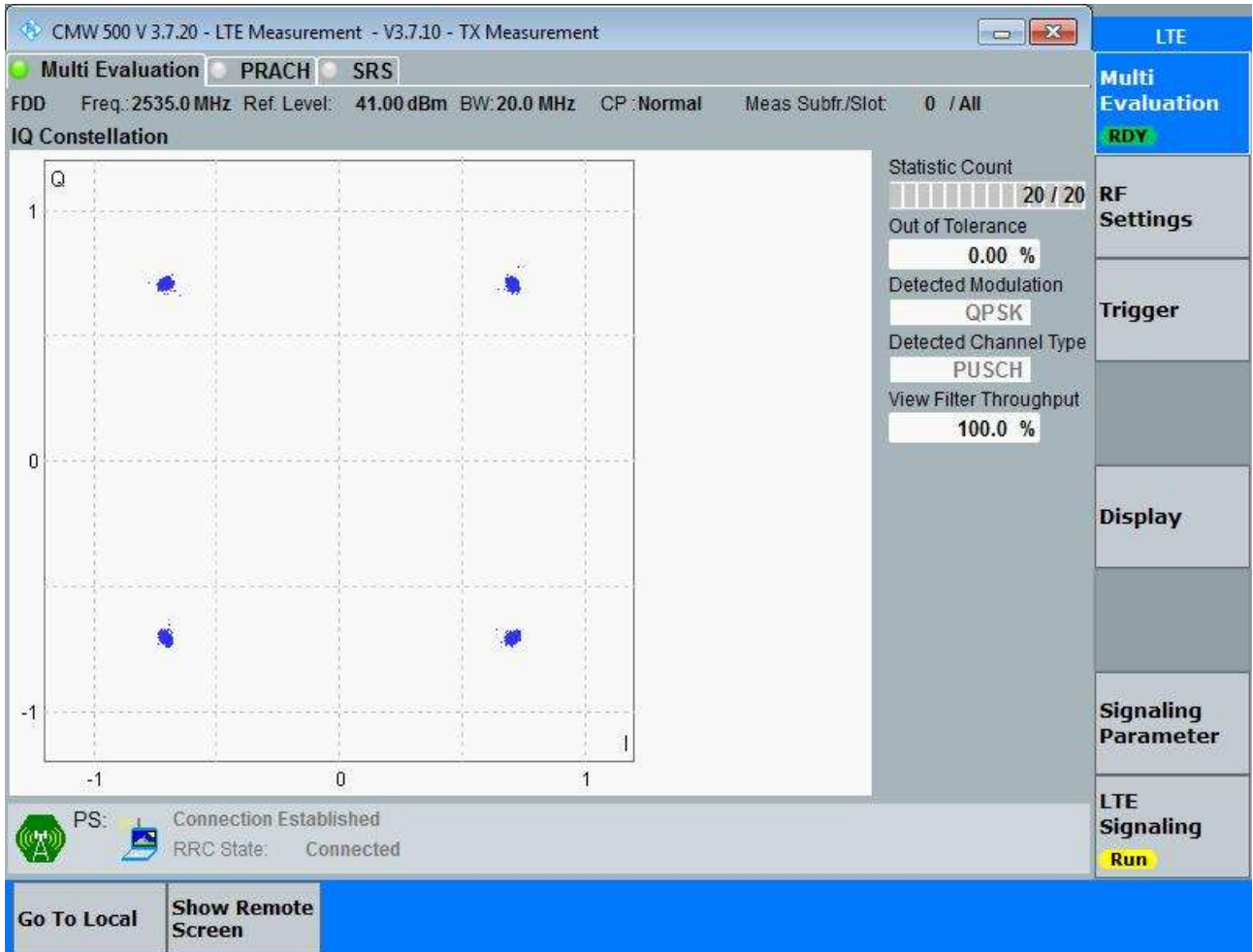
3.1.1.1.3.1.1 Test RB = RB75#0



3.1.1.1.4 Test Bandwidth = 20

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB100#0

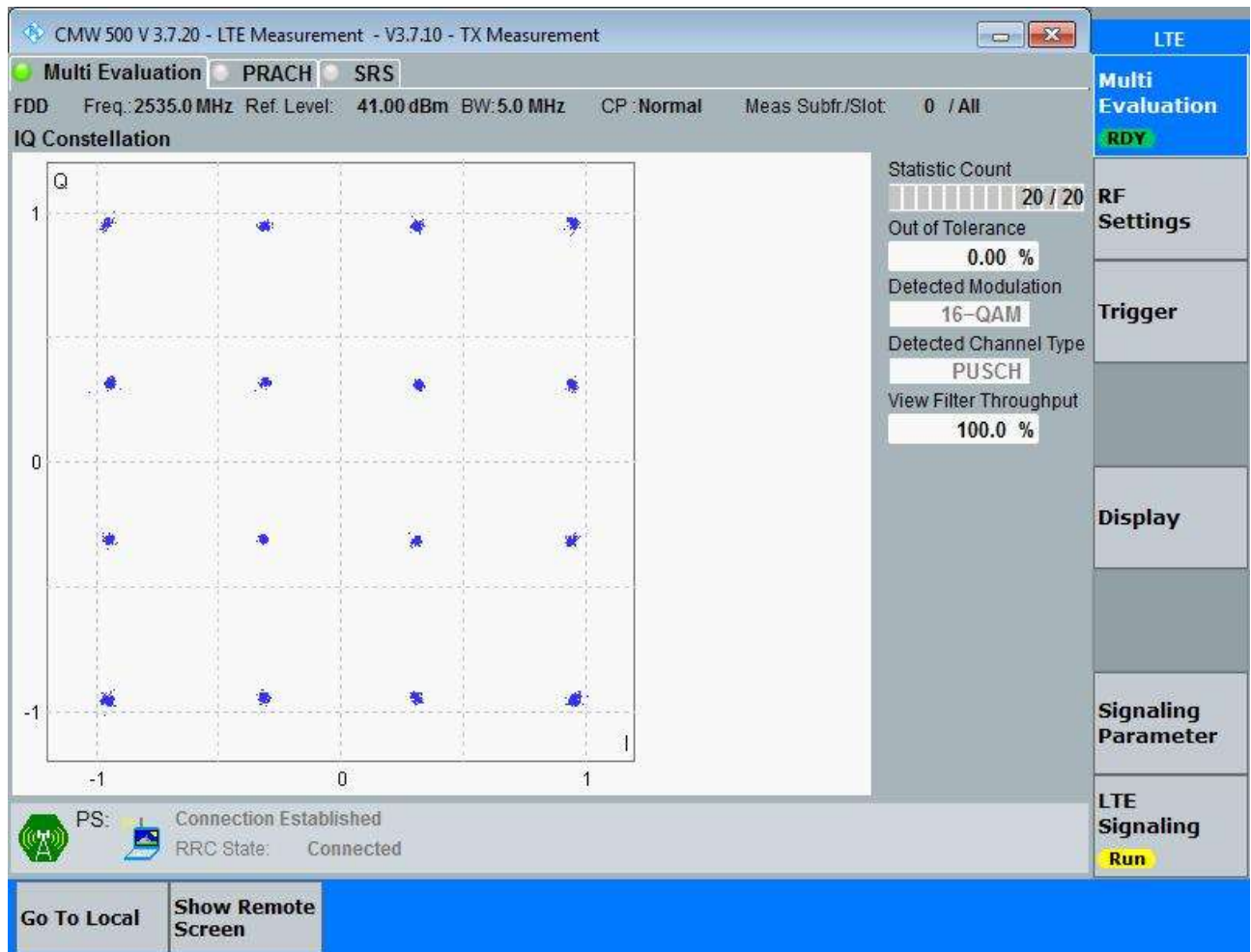


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

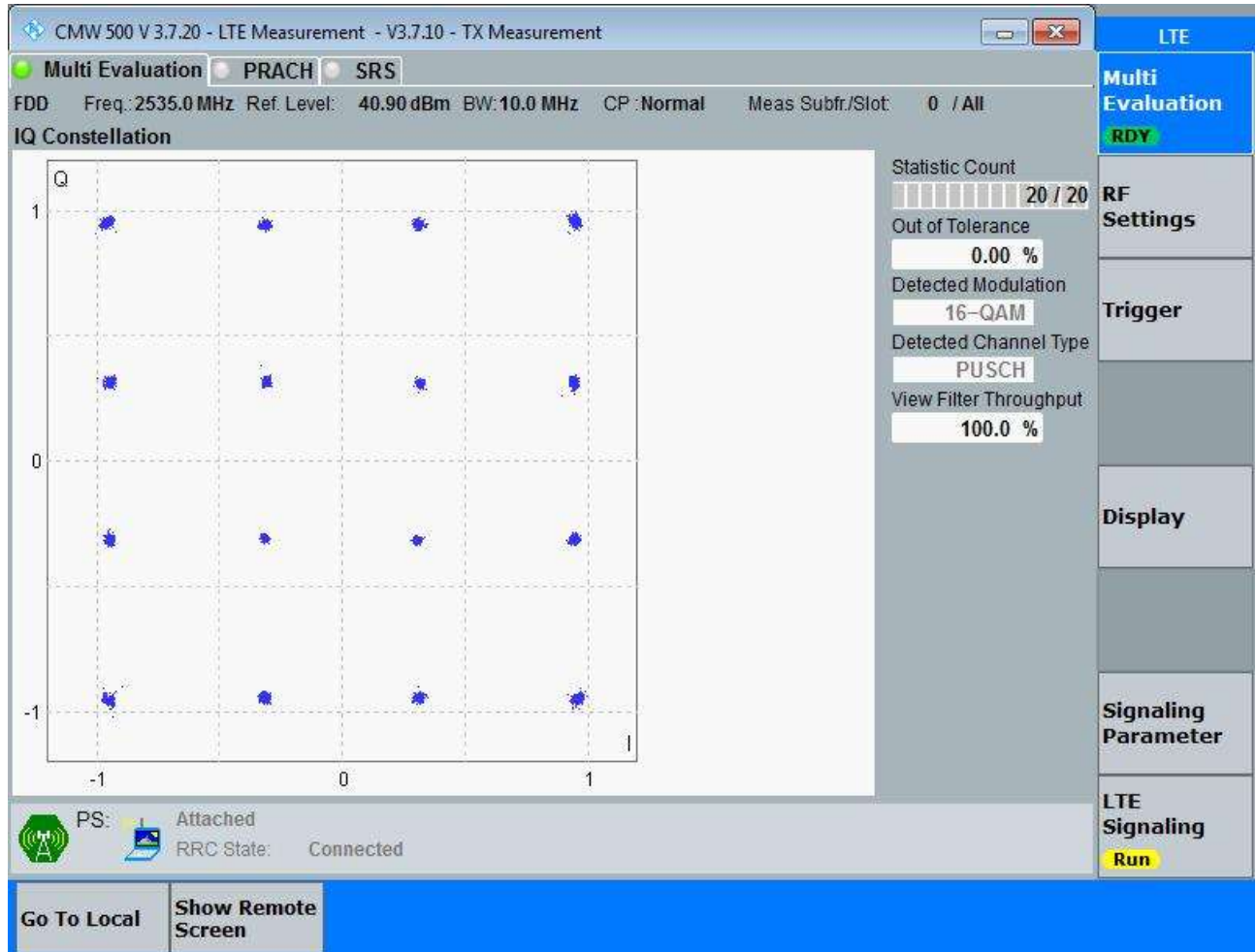
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

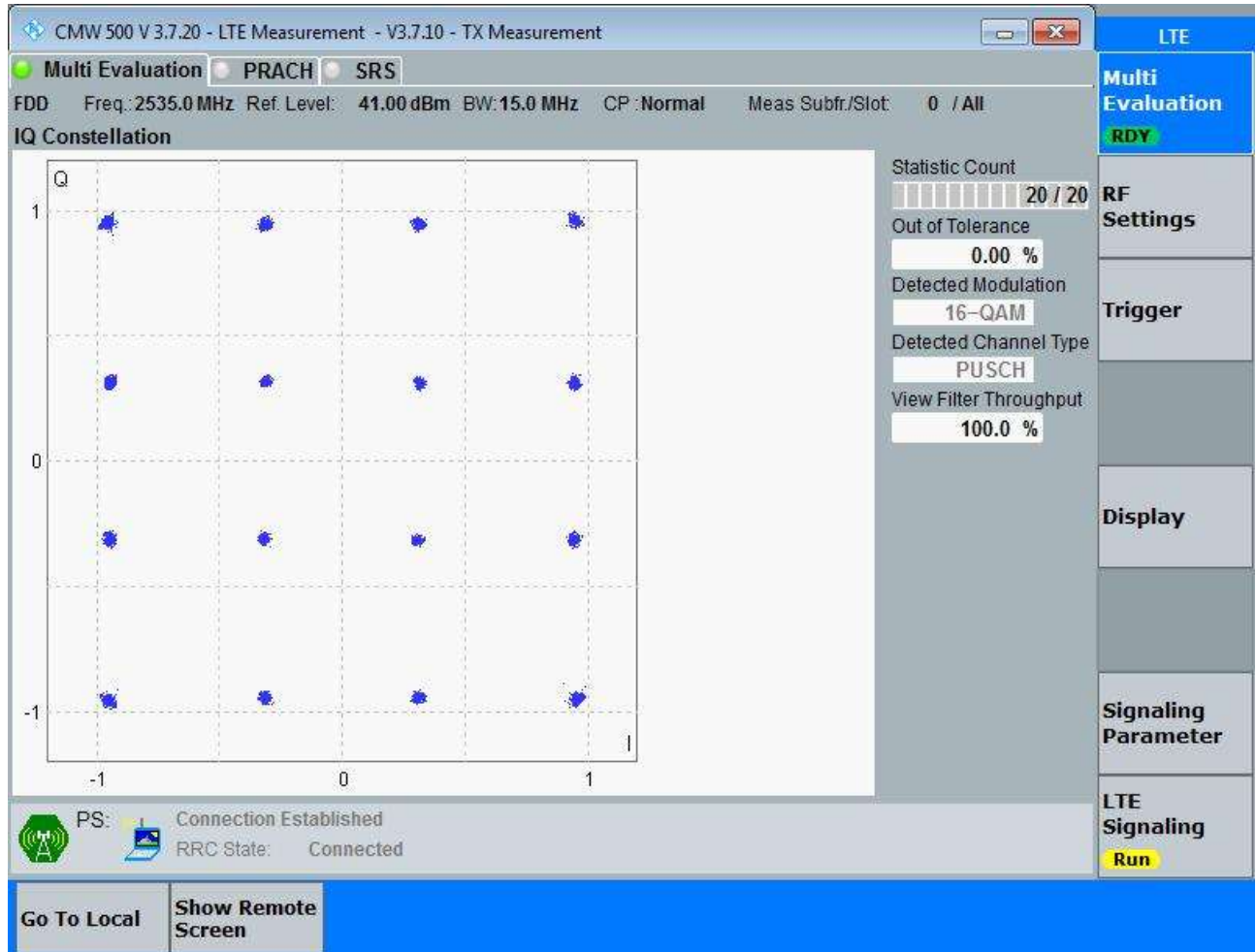
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

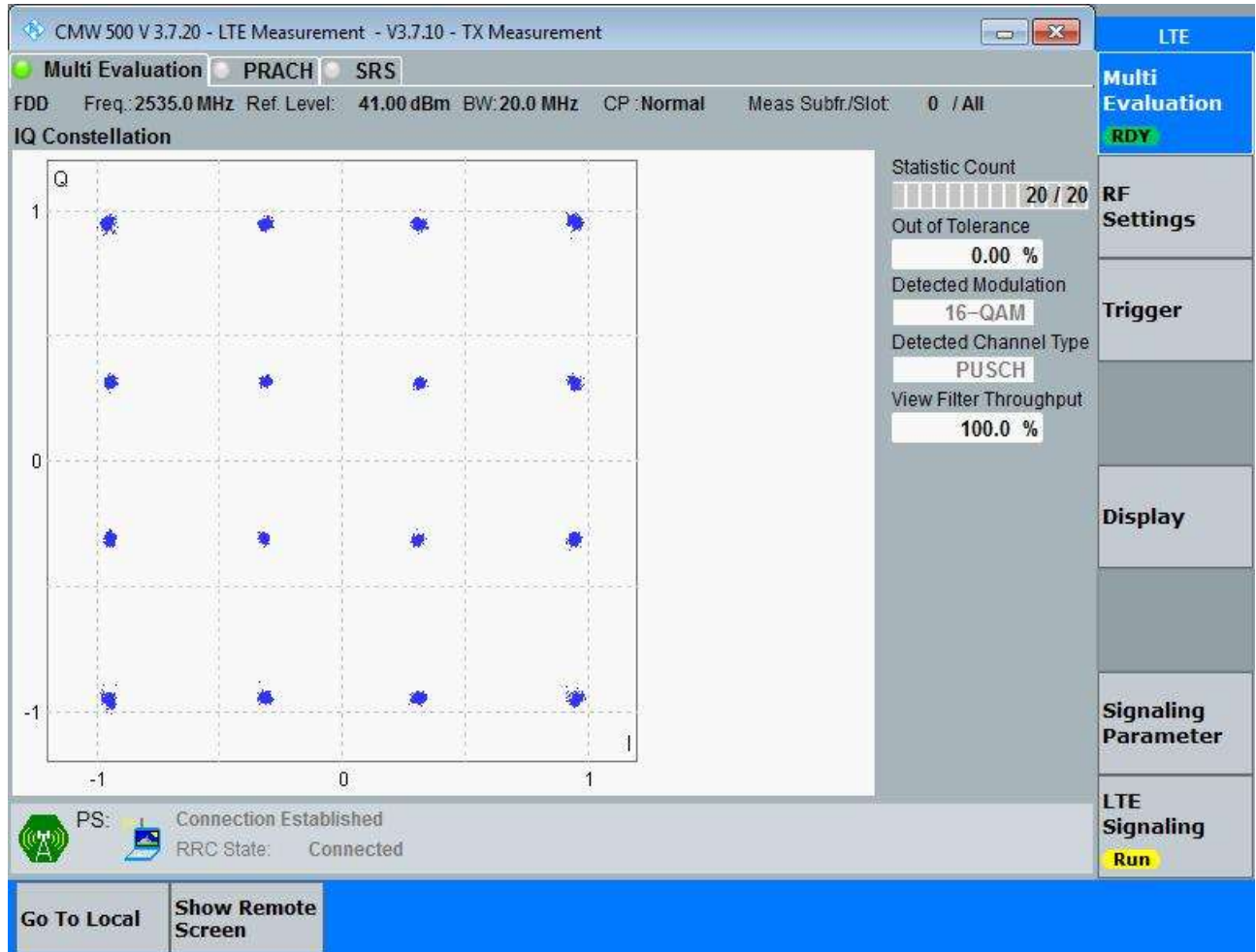
3.1.1.2.3.1.1 Test RB = RB75#0



3.1.1.2.4 Test Bandwidth = 20

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB100#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
Band7	LTE/TM1	5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	9.03	9.95	Pass
			MCH	RB50#0	9.03	9.89	Pass
			HCH	RB50#0	9.01	9.89	Pass
		15	LCH	RB75#0	13.54	14.88	Pass
			MCH	RB75#0	13.52	15.07	Pass
			HCH	RB75#0	13.53	14.94	Pass
		20	LCH	RB100#0	18.04	19.67	Pass
			MCH	RB100#0	18.00	19.86	Pass
			HCH	RB100#0	17.97	19.65	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	5.02	Pass
			MCH	RB25#0	4.53	4.97	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	9.01	9.91	Pass
			MCH	RB50#0	8.99	9.88	Pass
			HCH	RB50#0	8.98	9.96	Pass
		15	LCH	RB75#0	13.49	14.88	Pass
			MCH	RB75#0	13.51	14.99	Pass
			HCH	RB75#0	13.50	14.95	Pass
		20	LCH	RB100#0	18.00	19.72	Pass
			MCH	RB100#0	18.00	19.73	Pass
			HCH	RB100#0	18.03	19.66	Pass



Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = Band7

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0





4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0





4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0



4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB50#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0





4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0





4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB100#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

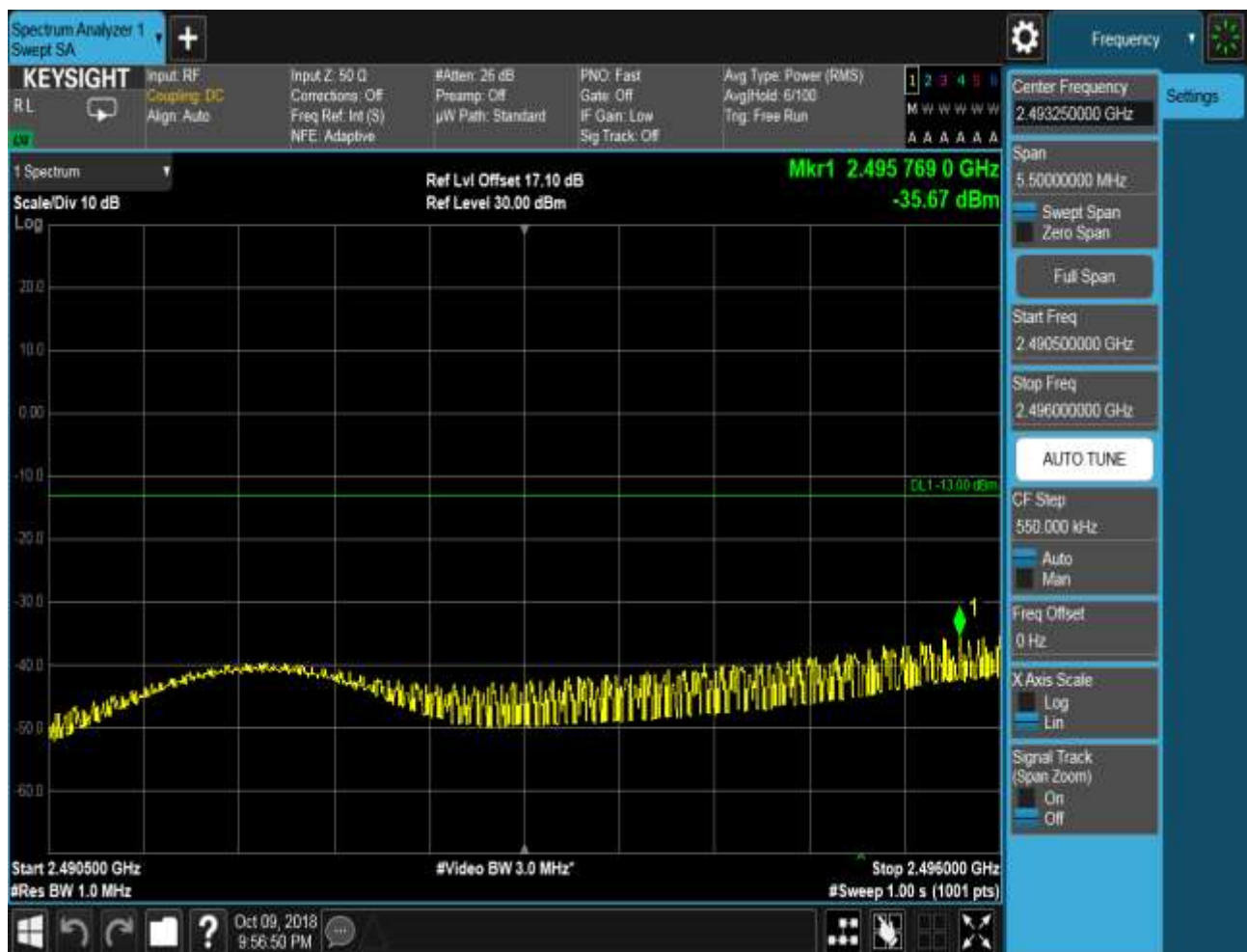
5.1.1 Test Band = Band7

5.1.1.1 Test Mode = LTE/TM1

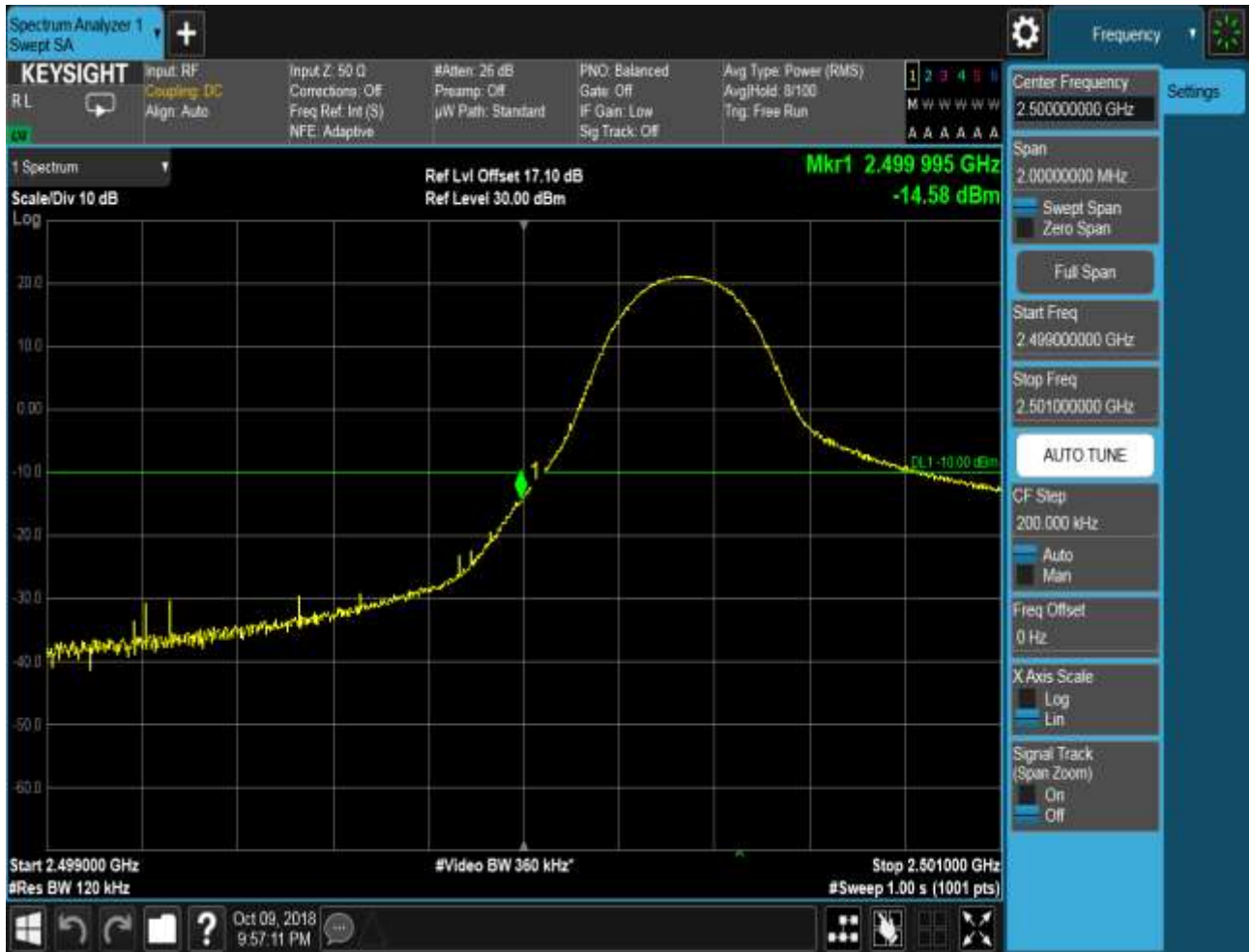
5.1.1.1.1 Test Bandwidth = 5

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0

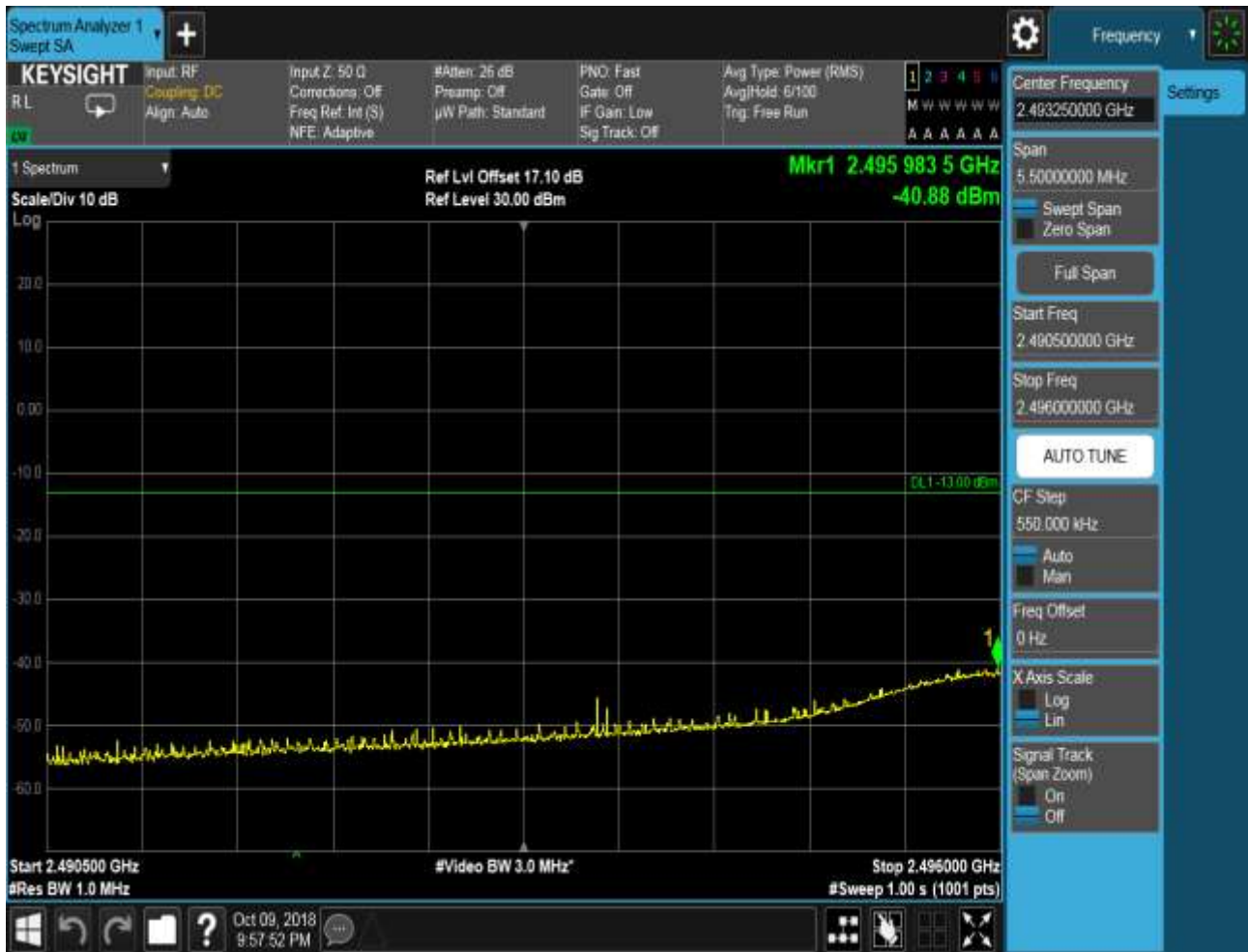








5.1.1.1.1.2 Test RB = RB1#24









KEYSIGHT Spectrum Analyzer 1
Sweep SA

Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive

#Att: 26 dB
Preamp: Off
μW Path: Standard

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

Avg Type: Power (RMS)
Avg/Hold: 5/100
Trig: Free Run

1 2 3 4 5
M W W W W W
A A A A A A

Center Frequency
2.493250000 GHz

Span
5.50000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
2.490500000 GHz

Stop Freq
2.496000000 GHz

AUTO TUNE

CF Step
550.000 kHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)
On
Off

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 17.10 dB
Ref Level 30.00 dBm

Mkr1 2.495 983 5 GHz
-36.10 dBm

CL1 -13.00 dBm

Start 2.490500 GHz
#Res BW 1.0 MHz

#Video BW 3.0 MHz

Stop 2.496000 GHz
#Sweep 1.00 s (1001 pts)

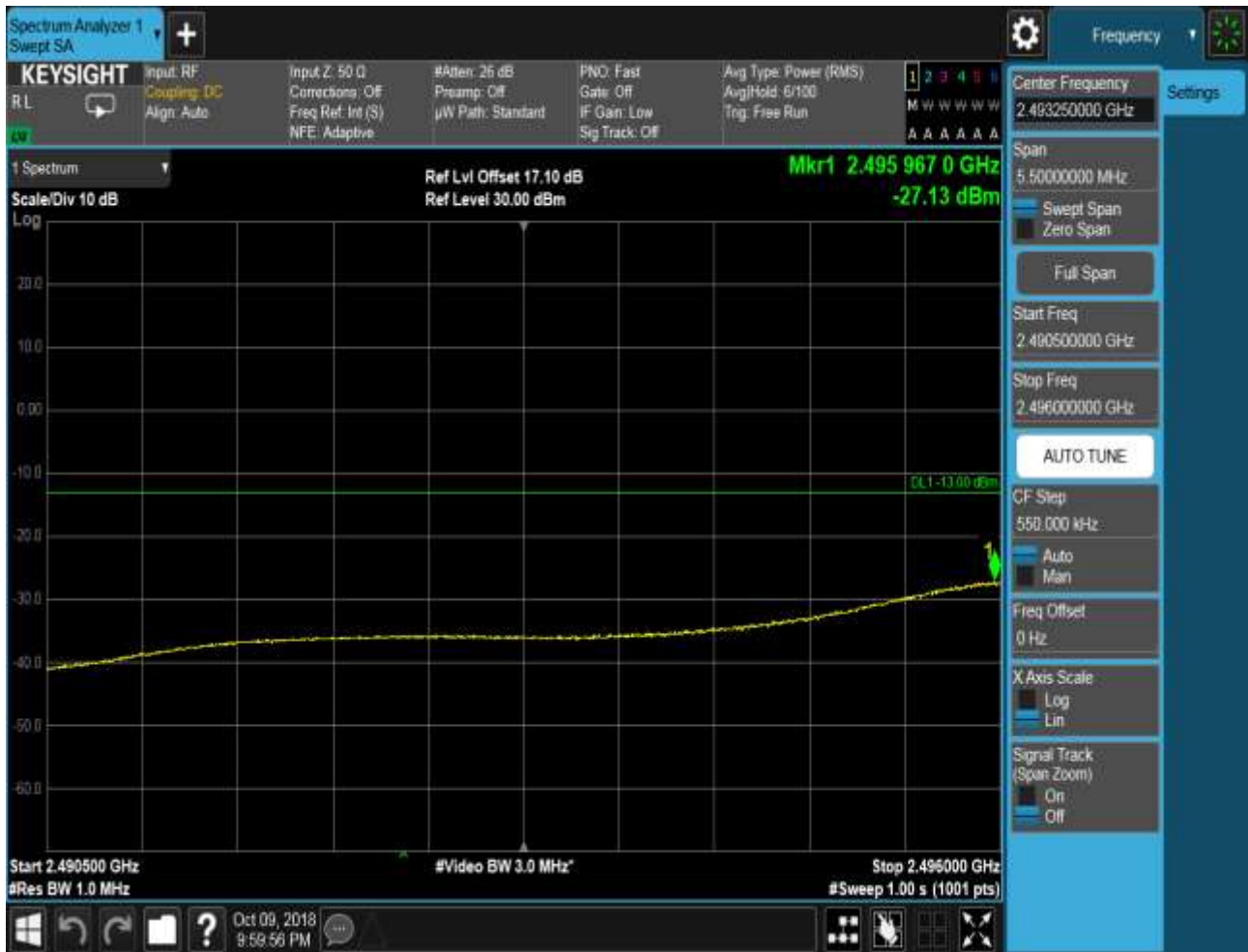
Oct 09, 2018
9:58:54 PM







5.1.1.1.1.4 Test RB = RB25#0







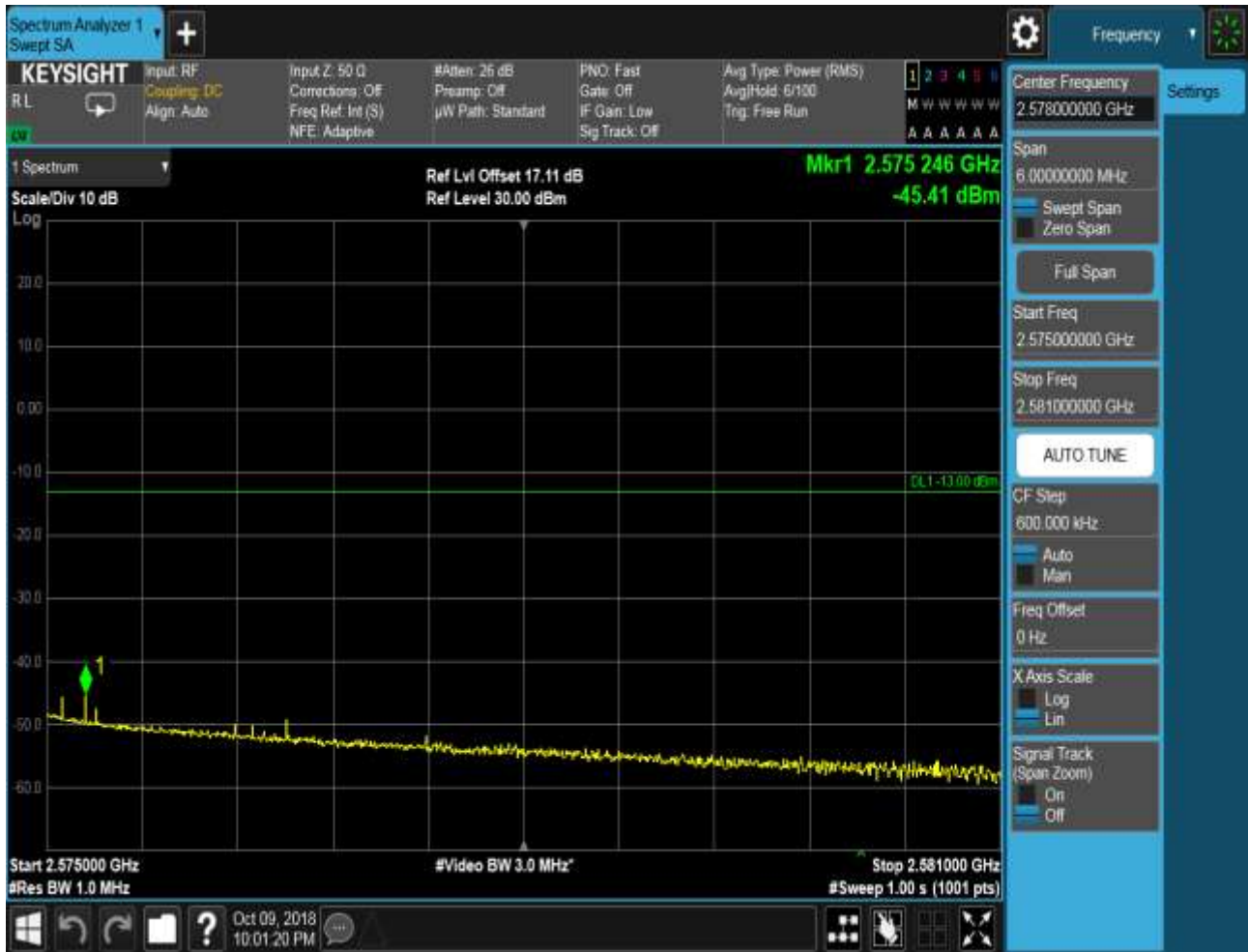


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0







5.1.1.1.1.2.2 Test RB = RB1#24







5.1.1.1.1.2.3 Test RB = RB12#6







5.1.1.1.1.2.4 Test RB = RB25#0



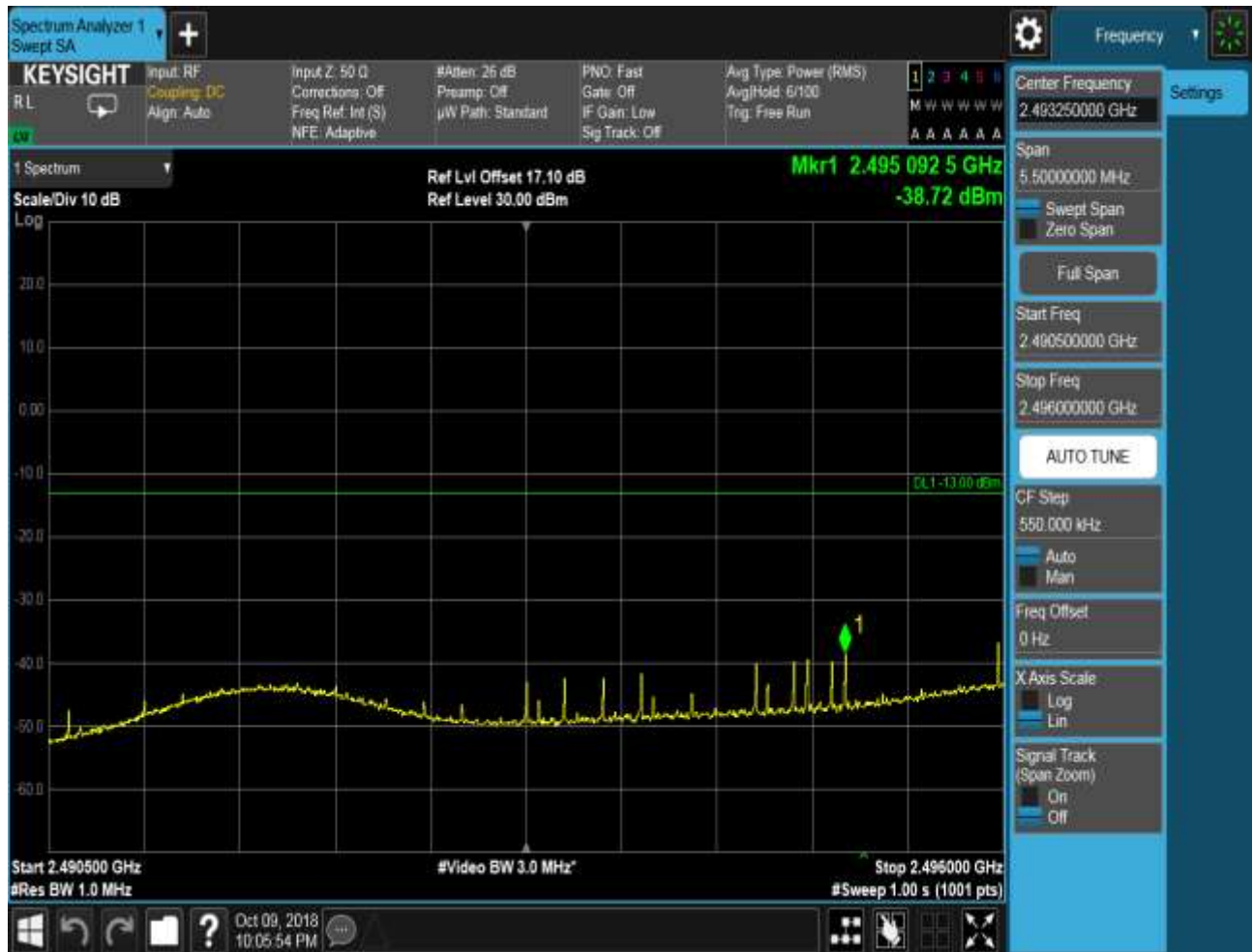




5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0

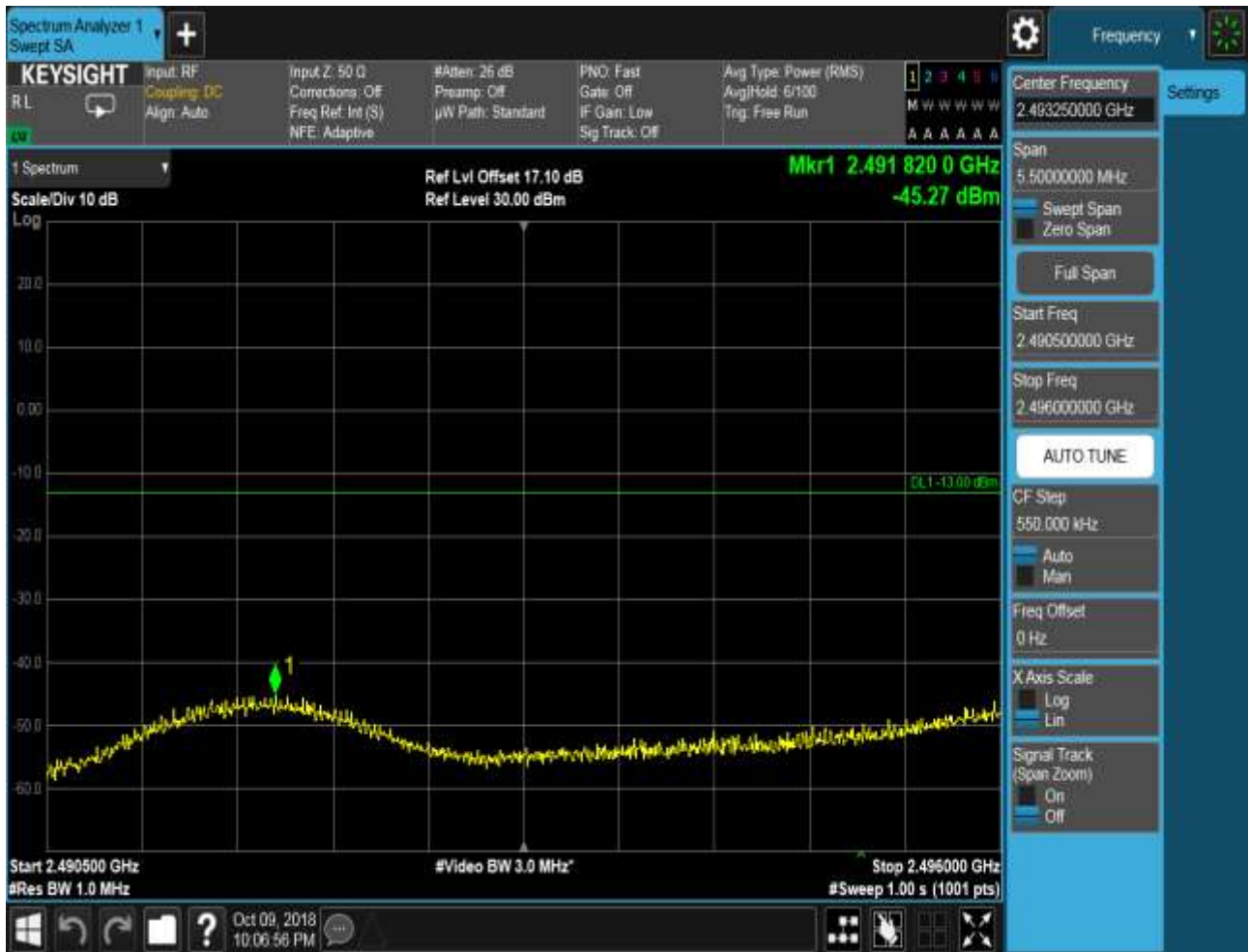








5.1.1.1.2.1.2 Test RB = RB1#49









5.1.1.1.2.1.3 Test RB = RB25#13

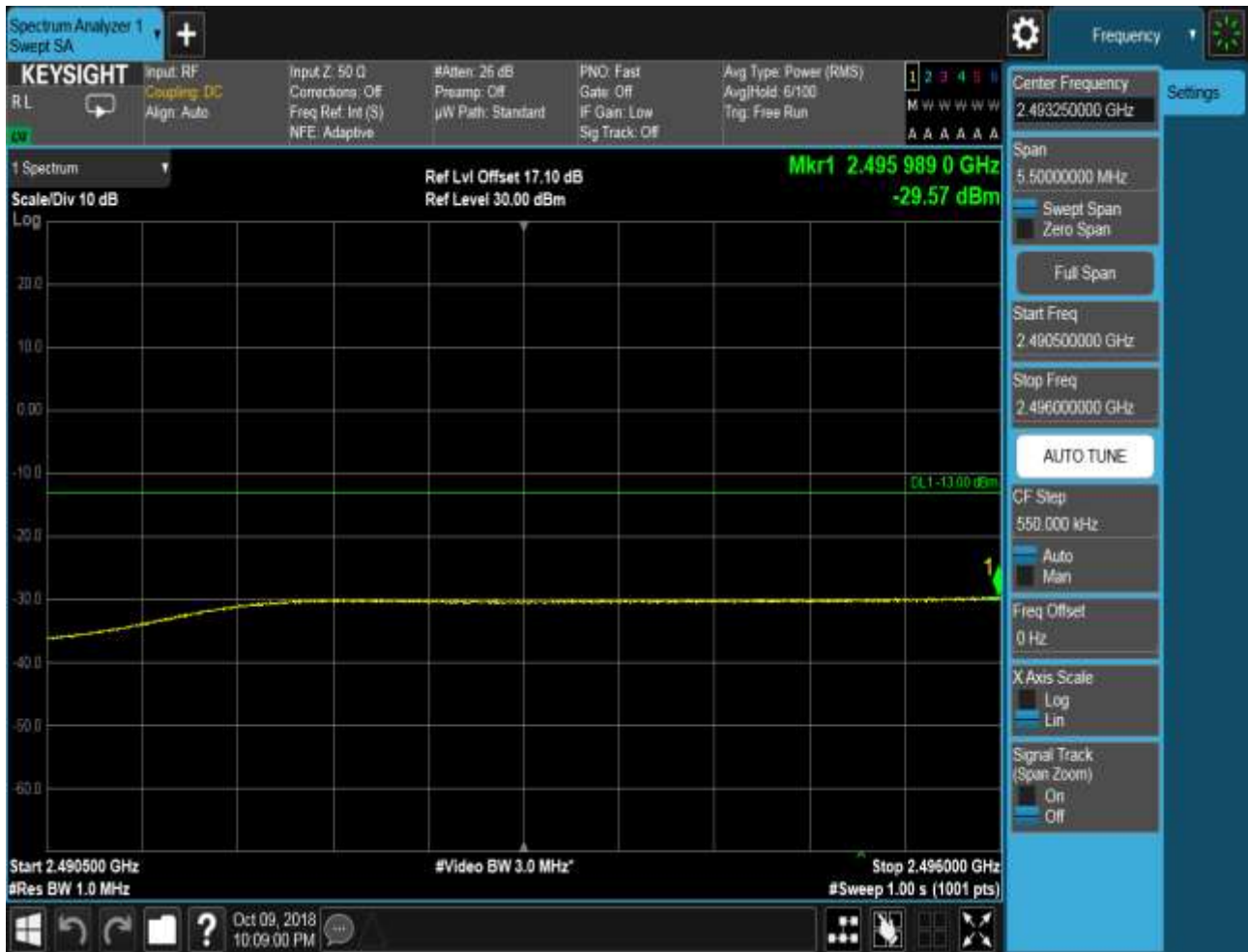








5.1.1.1.2.1.4 Test RB = RB50#0

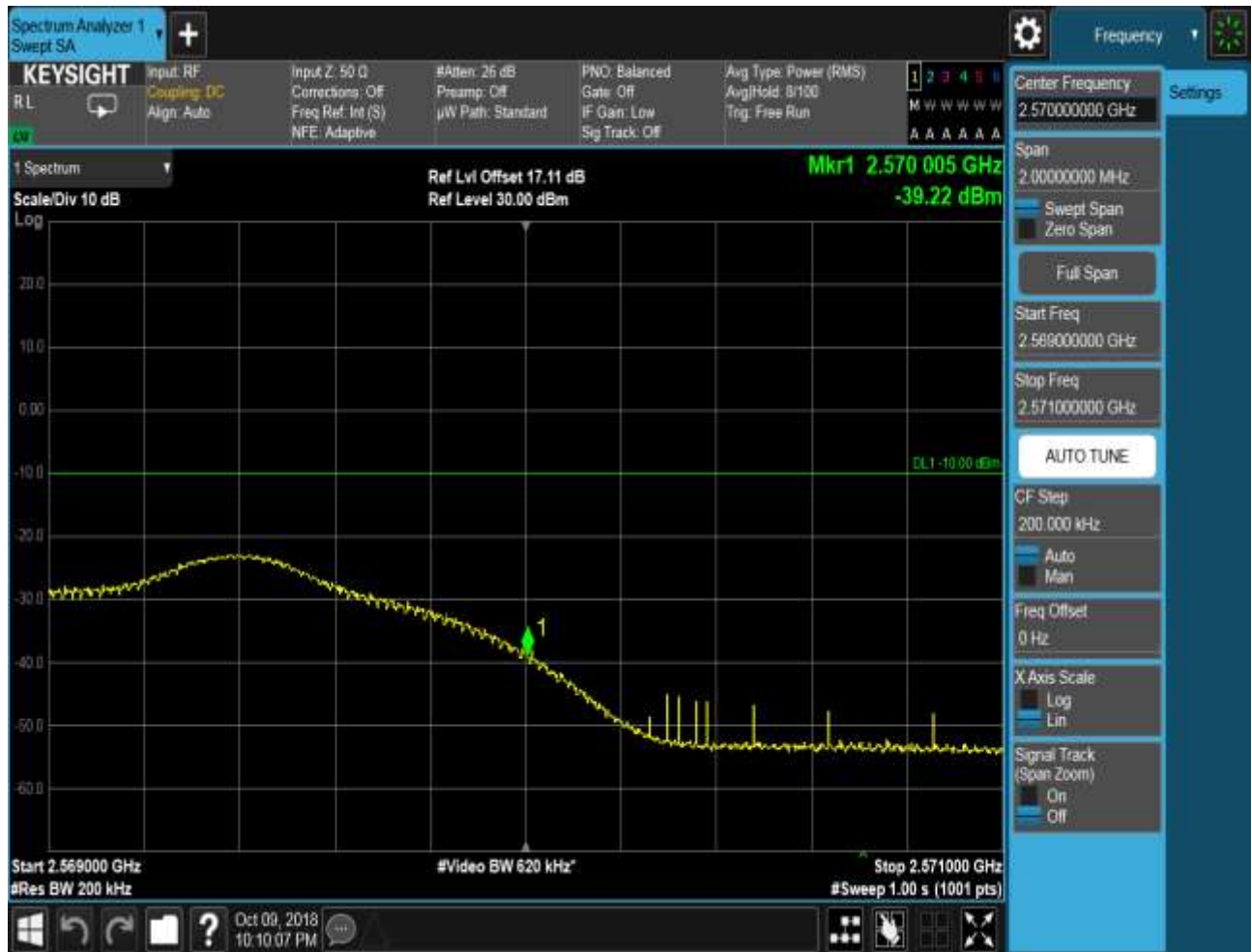


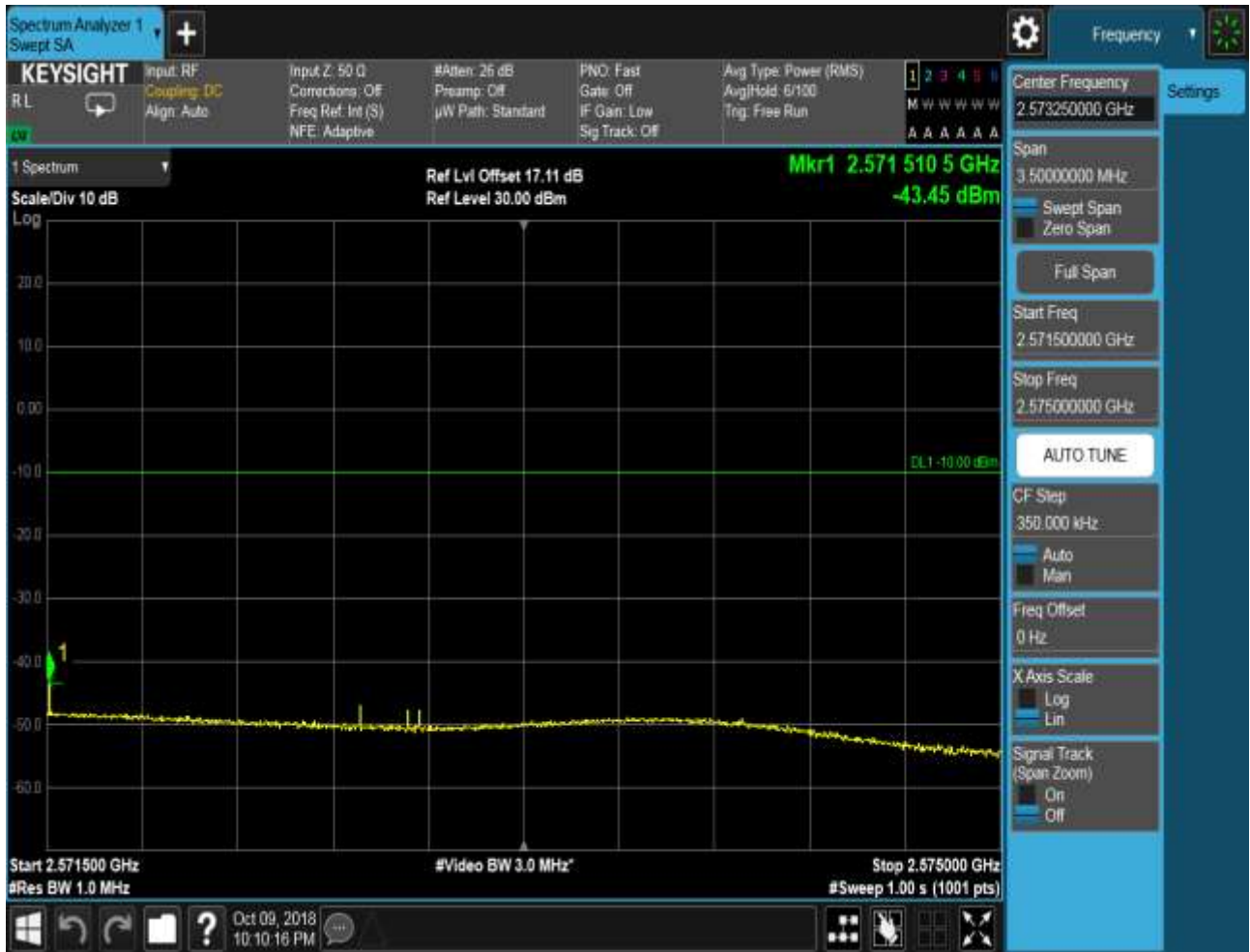


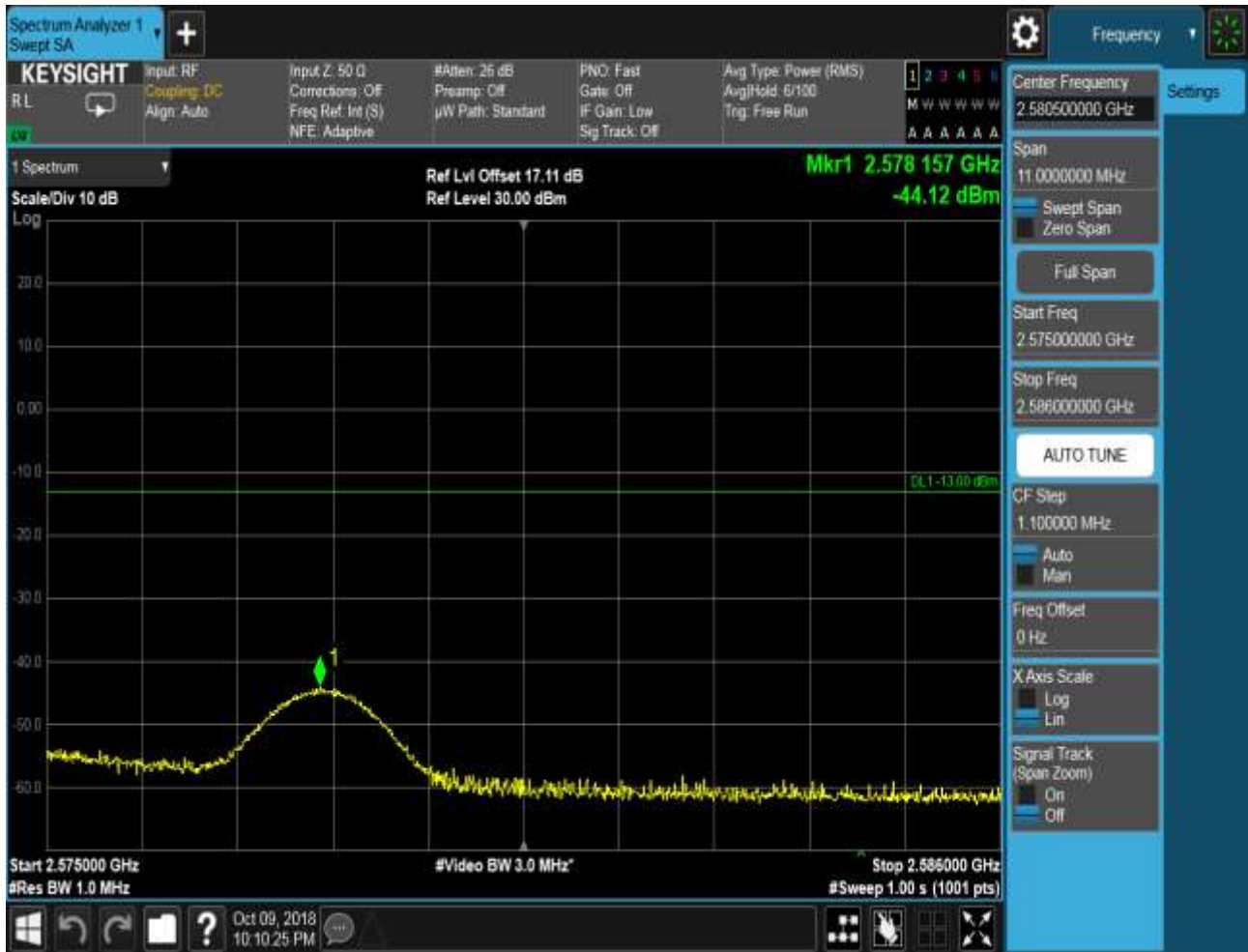


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



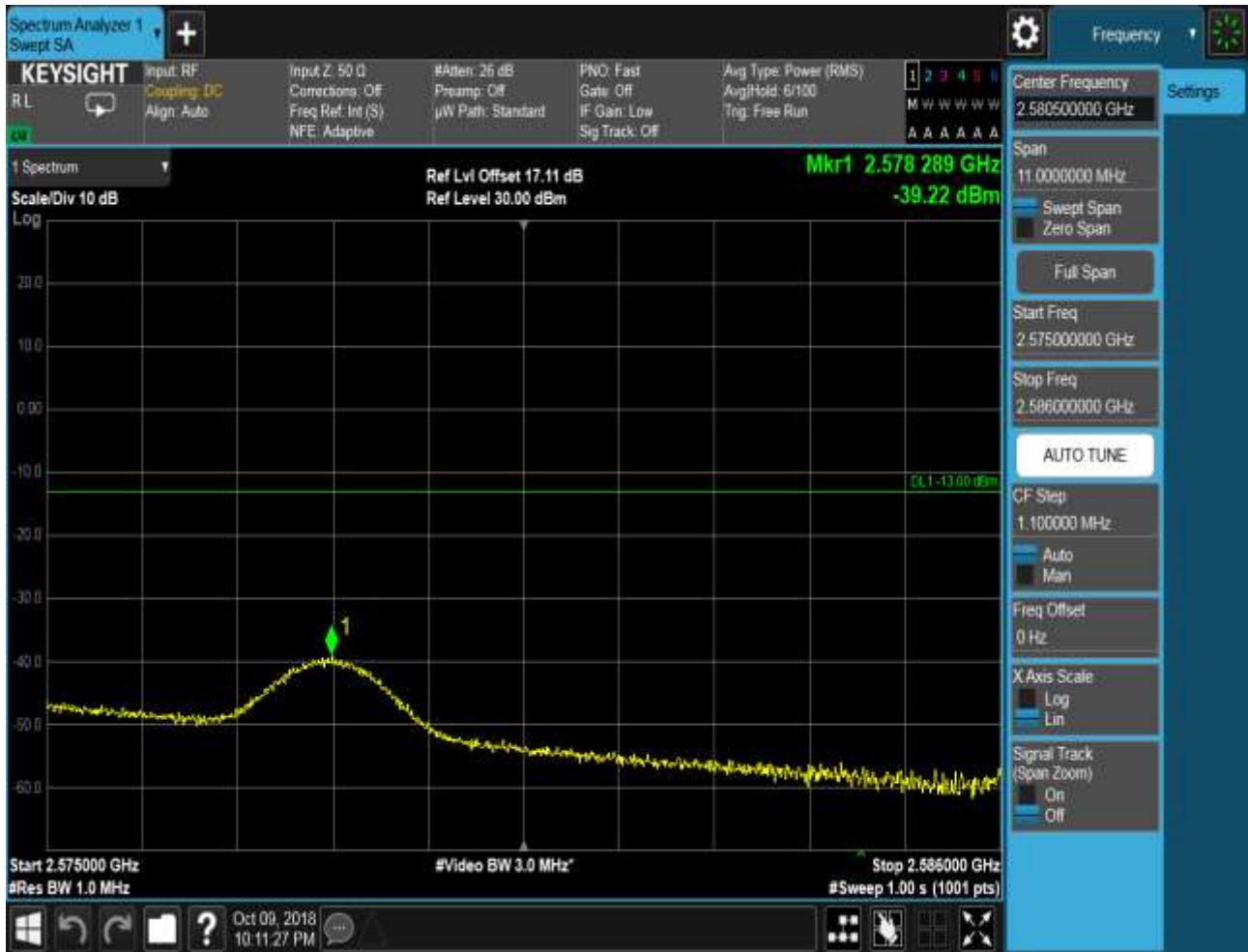




5.1.1.1.2.2.2 Test RB = RB1#49









5.1.1.1.2.2.3 Test RB = RB25#13







5.1.1.1.2.2.4 Test RB = RB50#0







5.1.1.1.3 Test Bandwidth = 15

5.1.1.1.3.1 Test Channel = LCH

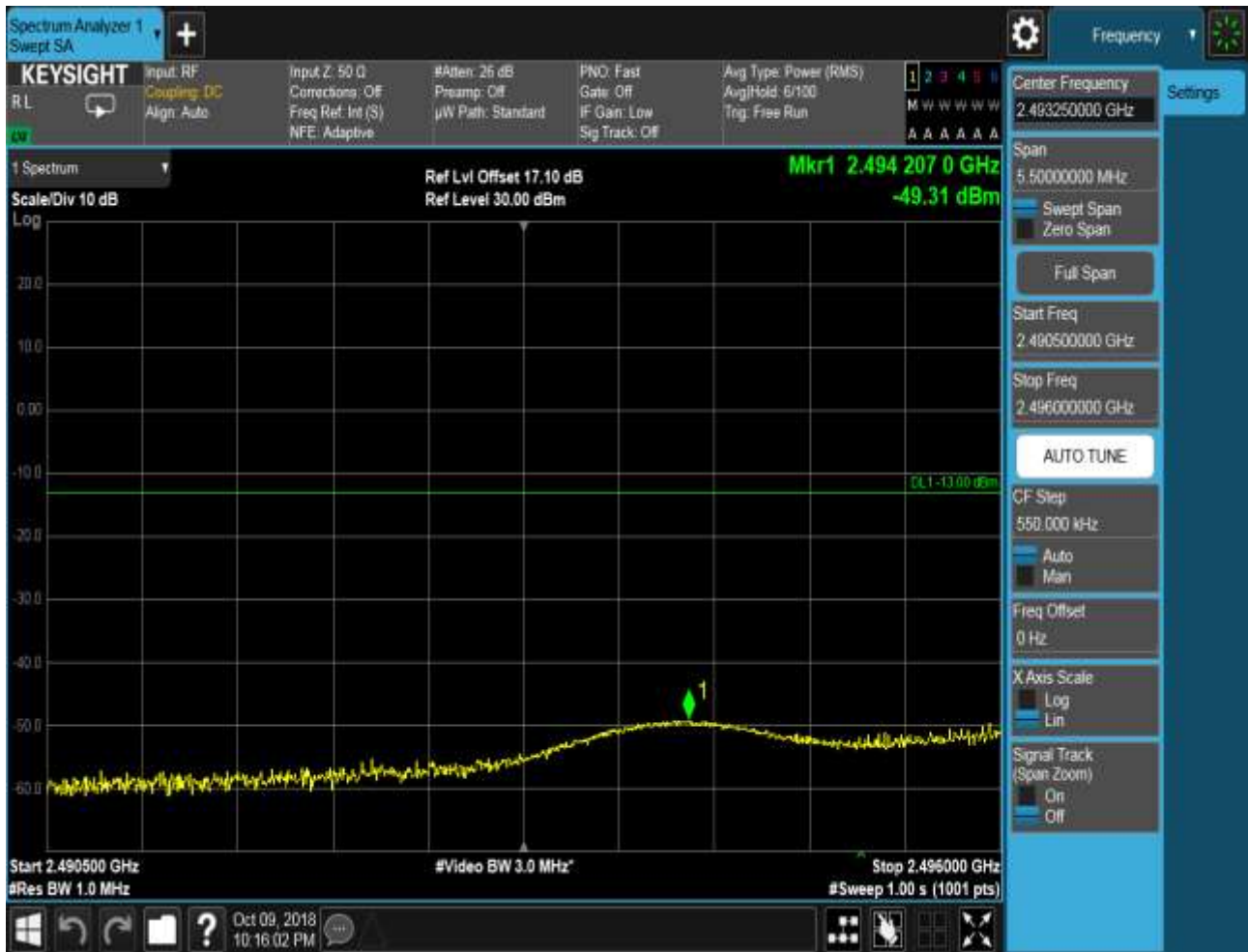
5.1.1.1.3.1.1 Test RB = RB1#0

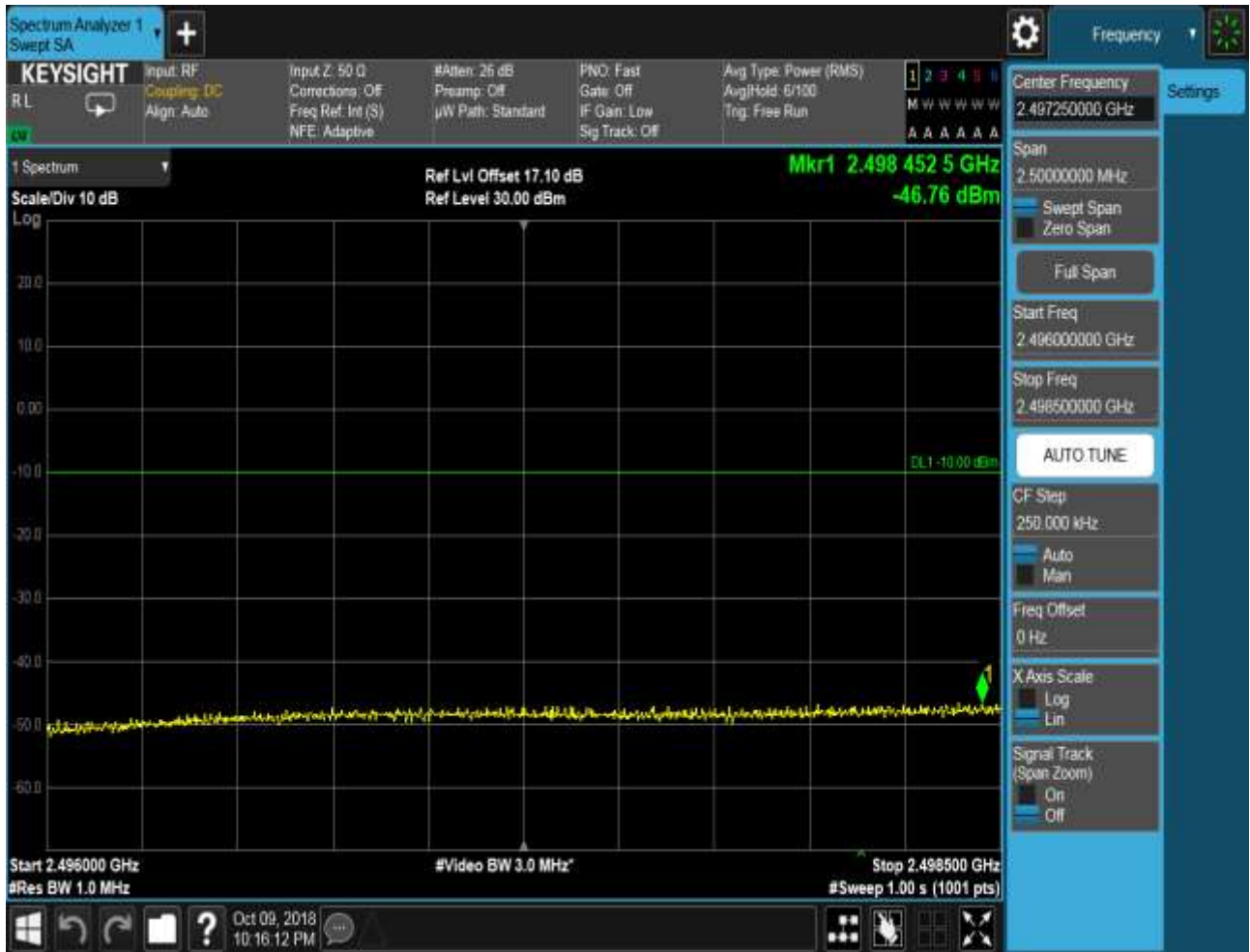






5.1.1.1.3.1.2 Test RB = RB1#74







5.1.1.1.3.1.3 Test RB = RB38#19









5.1.1.1.3.1.4 Test RB = RB75#0







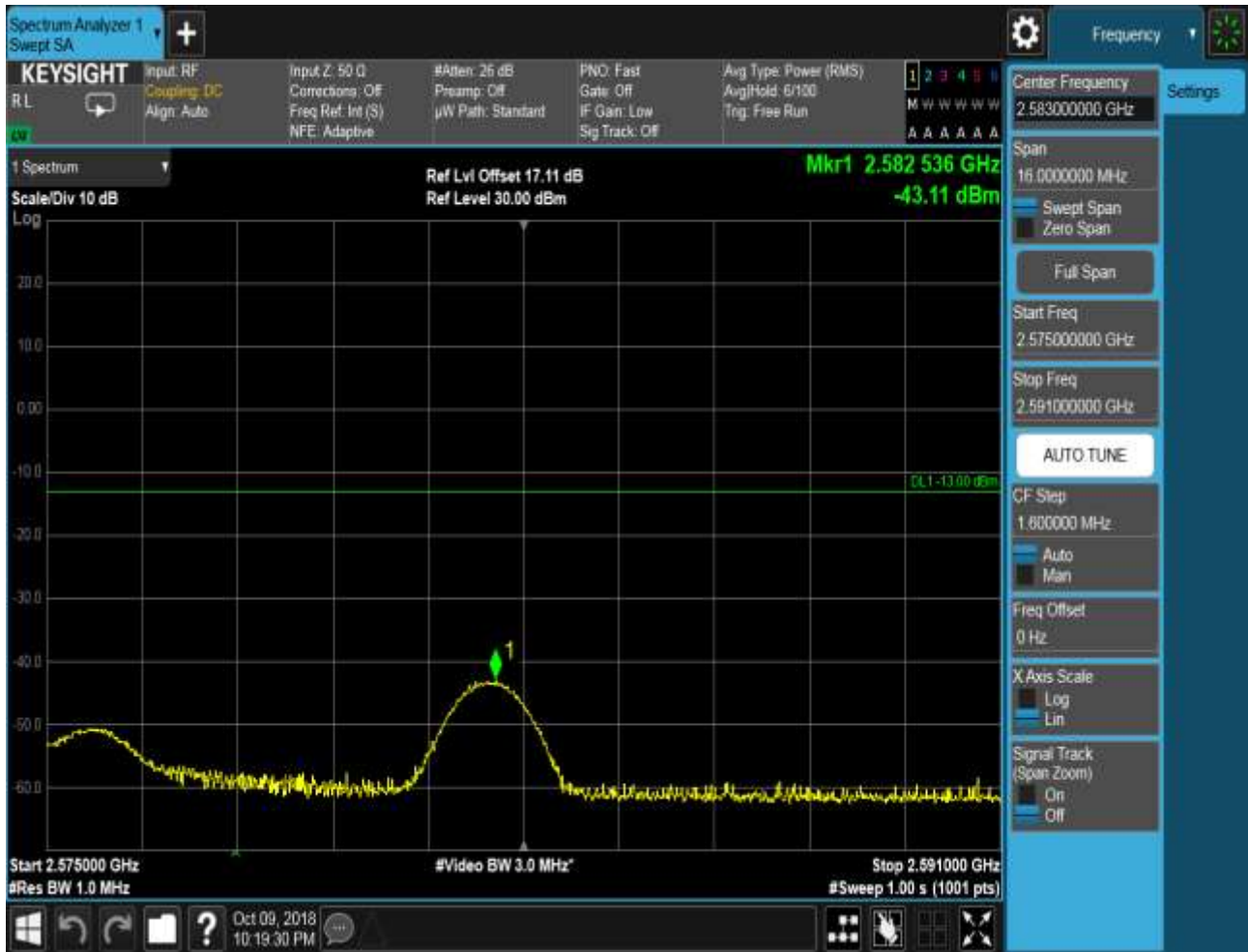


5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



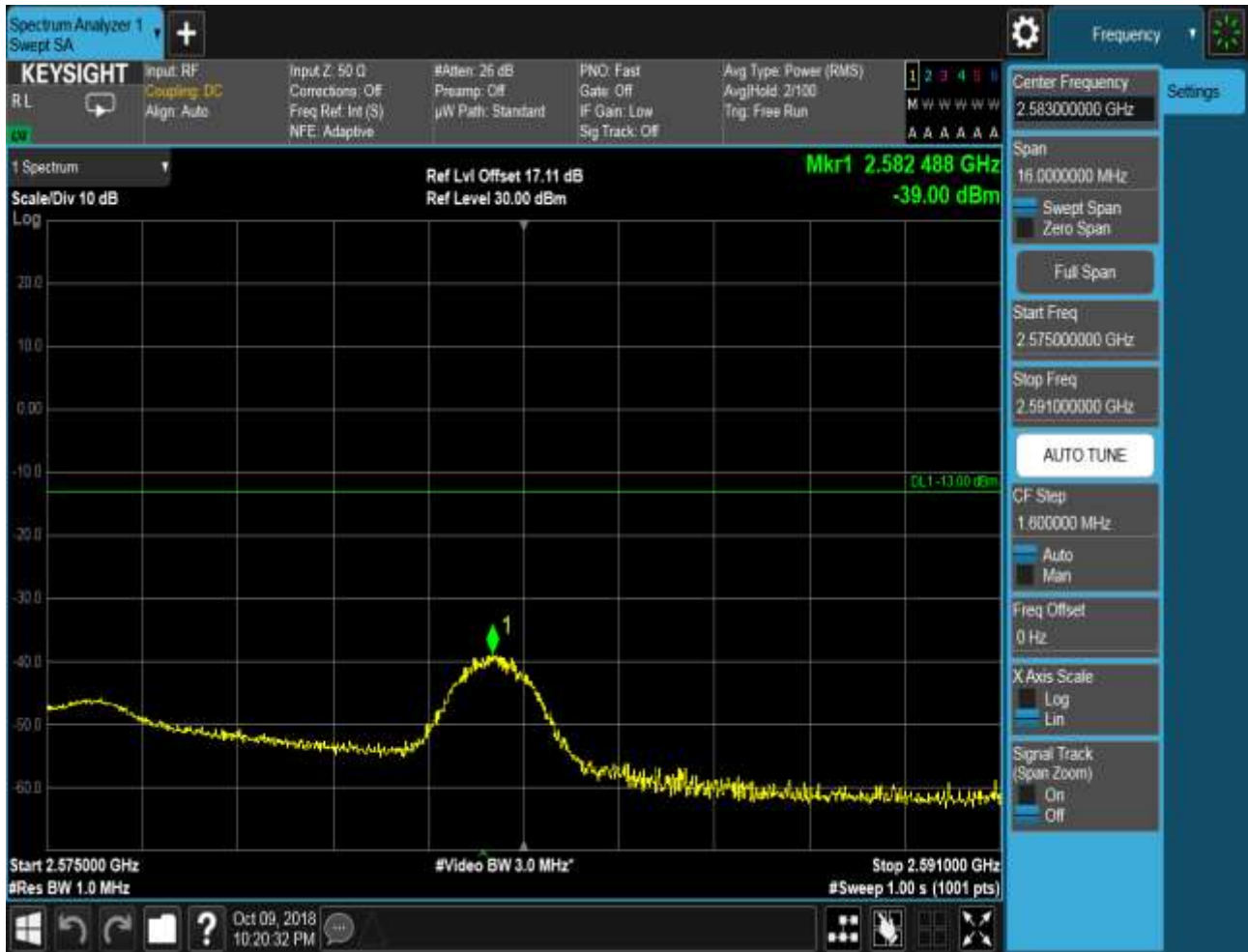




5.1.1.1.3.2.2 Test RB = RB1#74









5.1.1.1.3.2.3 Test RB = RB38#19







5.1.1.1.3.2.4 Test RB = RB75#0



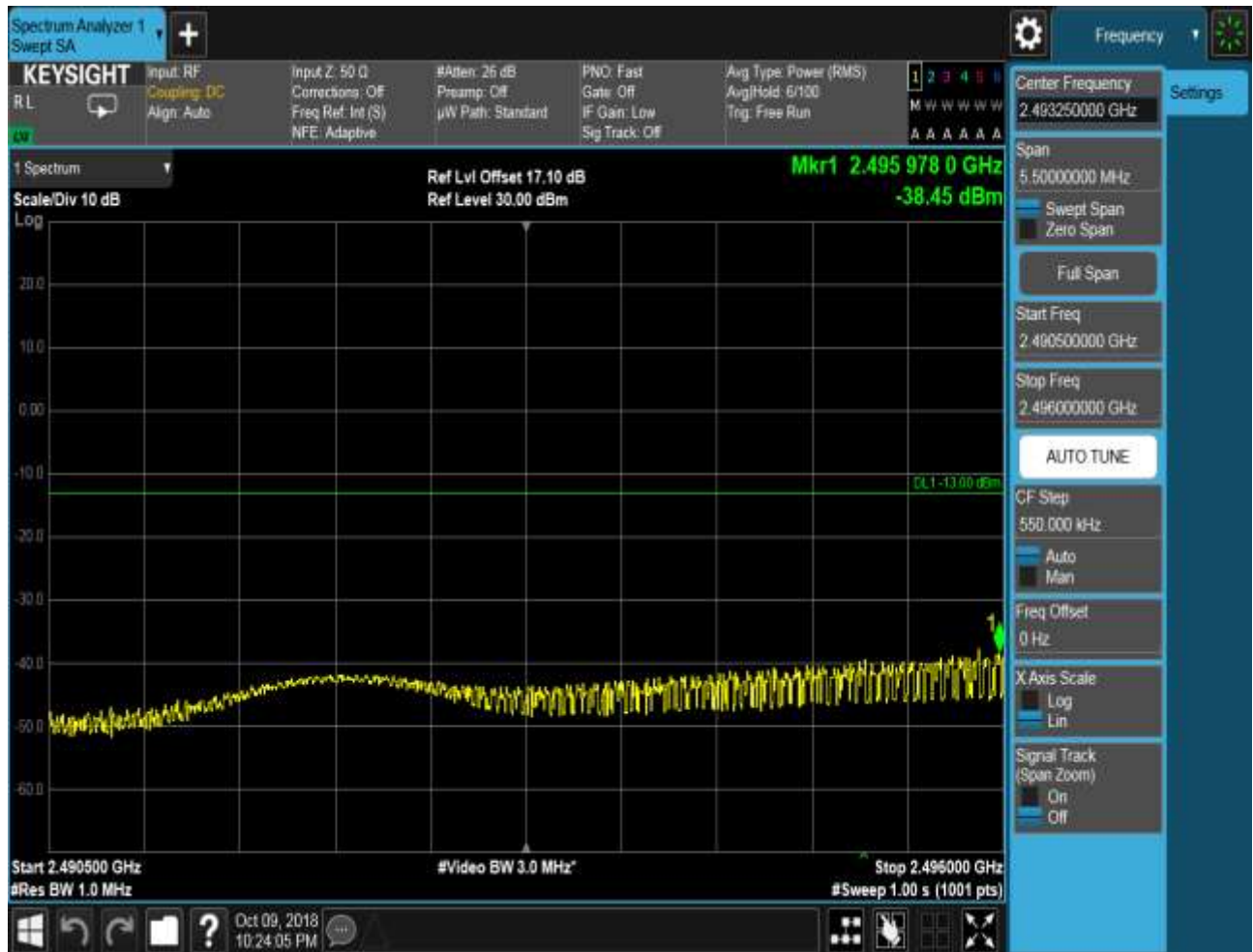




5.1.1.1.4 Test Bandwidth = 20

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#99

