



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
Band17	LTE/TM1	5	LCH	RB1#0	24.34	17.49	34.7	PASS
				RB1#13	24.18	17.33	34.7	PASS
				RB1#24	24.06	17.21	34.7	PASS
				RB12#0	23.25	16.40	34.7	PASS
				RB12#6	23.34	16.49	34.7	PASS
				RB12#13	23.21	16.36	34.7	PASS
				RB25#0	23.28	16.43	34.7	PASS
			MCH	RB1#0	24.24	17.39	34.7	PASS
				RB1#13	24.16	17.31	34.7	PASS
				RB1#24	24.00	17.15	34.7	PASS
				RB12#0	23.29	16.44	34.7	PASS
				RB12#6	23.22	16.37	34.7	PASS
				RB12#13	23.17	16.32	34.7	PASS
				RB25#0	23.22	16.37	34.7	PASS
HCH	RB1#0	24.17	17.32	34.7	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#13	24.13	17.28	34.7	PASS
				RB1#24	24.00	17.15	34.7	PASS
				RB12#0	23.26	16.41	34.7	PASS
				RB12#6	23.28	16.43	34.7	PASS
				RB12#13	23.17	16.32	34.7	PASS
				RB25#0	23.24	16.39	34.7	PASS
		10	LCH	RB1#0	24.18	17.33	34.7	PASS
				RB1#25	24.11	17.26	34.7	PASS
				RB1#49	23.99	17.14	34.7	PASS
				RB25#0	23.25	16.40	34.7	PASS
				RB25#13	23.28	16.43	34.7	PASS
				RB25#25	23.20	16.35	34.7	PASS
				RB50#0	23.30	16.45	34.7	PASS
				MCH	RB1#0	24.20	17.35	34.7
		RB1#25	24.13		17.28	34.7	PASS	
		RB1#49	24.07		17.22	34.7	PASS	
RB25#0	23.28	16.43	34.7		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	23.21	16.36	34.7	PASS
				RB25#25	23.25	16.40	34.7	PASS
				RB50#0	23.20	16.35	34.7	PASS
			HCH	RB1#0	24.18	17.33	34.7	PASS
				RB1#25	24.07	17.22	34.7	PASS
				RB1#49	23.94	17.09	34.7	PASS
				RB25#0	23.23	16.38	34.7	PASS
				RB25#13	23.28	16.43	34.7	PASS
				RB25#25	23.15	16.30	34.7	PASS
				RB50#0	23.18	16.33	34.7	PASS
			LCH	RB1#0	23.82	16.97	34.7	PASS
				RB1#13	23.82	16.97	34.7	PASS
				RB1#24	23.72	16.87	34.7	PASS
				RB12#0	22.47	15.62	34.7	PASS
				RB12#6	22.46	15.61	34.7	PASS
RB12#13	22.41	15.56		34.7	PASS			
RB25#0	22.35	15.50		34.7	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	23.39	16.54	34.7	PASS
				RB1#13	23.31	16.46	34.7	PASS
				RB1#24	23.30	16.45	34.7	PASS
				RB12#0	22.31	15.46	34.7	PASS
				RB12#6	22.30	15.45	34.7	PASS
				RB12#13	22.25	15.40	34.7	PASS
				RB25#0	22.23	15.38	34.7	PASS
			HCH	RB1#0	23.32	16.47	34.7	PASS
				RB1#13	23.31	16.46	34.7	PASS
				RB1#24	23.10	16.25	34.7	PASS
				RB12#0	22.27	15.42	34.7	PASS
				RB12#6	22.26	15.41	34.7	PASS
				RB12#13	22.20	15.35	34.7	PASS
				RB25#0	22.14	15.29	34.7	PASS
		10	LCH	RB1#0	23.75	16.90	34.7	PASS
RB1#25	23.63			16.78	34.7	PASS		
RB1#49	23.47			16.62	34.7	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.28	15.43	34.7	PASS
				RB25#13	22.34	15.49	34.7	PASS
				RB25#25	22.27	15.42	34.7	PASS
				RB50#0	22.29	15.44	34.7	PASS
			MCH	RB1#0	23.15	16.30	34.7	PASS
				RB1#25	23.20	16.35	34.7	PASS
				RB1#49	23.09	16.24	34.7	PASS
				RB25#0	22.29	15.44	34.7	PASS
				RB25#13	22.23	15.38	34.7	PASS
				RB25#25	22.25	15.40	34.7	PASS
				RB50#0	22.22	15.37	34.7	PASS
			HCH	RB1#0	23.24	16.39	34.7	PASS
				RB1#25	23.15	16.30	34.7	PASS
				RB1#49	23.10	16.25	34.7	PASS
				RB25#0	22.36	15.51	34.7	PASS
				RB25#13	22.42	15.57	34.7	PASS
				RB25#25	22.28	15.43	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	22.21	15.36	34.7	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
Band17	LTE/TM1	5	LCH	RB1#0	3.44	13	PASS
				RB1#13	3.38	13	PASS
				RB1#24	3.46	13	PASS
				RB12#0	4.76	13	PASS
				RB12#6	4.70	13	PASS
				RB12#13	4.75	13	PASS
				RB25#0	5.31	13	PASS
			MCH	RB1#0	3.41	13	PASS
				RB1#13	3.26	13	PASS
				RB1#24	3.24	13	PASS
				RB12#0	4.74	13	PASS
				RB12#6	4.55	13	PASS
				RB12#13	4.60	13	PASS
				RB25#0	5.36	13	PASS
		HCH	RB1#0	3.31	13	PASS	
			RB1#13	3.16	13	PASS	
			RB1#24	3.22	13	PASS	
			RB12#0	4.52	13	PASS	
			RB12#6	4.37	13	PASS	
			RB12#13	4.42	13	PASS	
			RB25#0	5.05	13	PASS	
		10	LCH	RB1#0	3.40	13	PASS
				RB1#25	3.37	13	PASS
				RB1#49	3.25	13	PASS
				RB25#0	4.81	13	PASS
				RB25#13	4.71	13	PASS
				RB25#25	4.64	13	PASS
				RB50#0	5.42	13	PASS
MCH	RB1#0		3.38	13	PASS		
	RB1#25		3.31	13	PASS		
	RB1#49		3.21	13	PASS		
	RB25#0		4.71	13	PASS		
	RB25#13		4.64	13	PASS		
	RB25#25		4.53	13	PASS		
	RB50#0		5.62	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			HCH	RB1#0	3.39	13	PASS	
				RB1#25	3.23	13	PASS	
				RB1#49	3.18	13	PASS	
				RB25#0	4.71	13	PASS	
				RB25#13	4.59	13	PASS	
				RB25#25	4.52	13	PASS	
				RB50#0	5.38	13	PASS	
			LCH	RB1#0	4.96	13	PASS	
				RB1#13	4.99	13	PASS	
				RB1#24	5.00	13	PASS	
				RB12#0	5.61	13	PASS	
				RB12#6	5.52	13	PASS	
				RB12#13	5.65	13	PASS	
				RB25#0	6.37	13	PASS	
	MCH	RB1#0	5.07	13	PASS			
		RB1#13	4.82	13	PASS			
		RB1#24	4.80	13	PASS			
		RB12#0	5.61	13	PASS			
		RB12#6	5.47	13	PASS			
		RB12#13	5.47	13	PASS			
		RB25#0	6.50	13	PASS			
	HCH	RB1#0	4.35	13	PASS			
		RB1#13	4.19	13	PASS			
		RB1#24	4.20	13	PASS			
		RB12#0	5.28	13	PASS			
		RB12#6	5.21	13	PASS			
		RB12#13	5.24	13	PASS			
		RB25#0	6.06	13	PASS			
			10	LCH	RB1#0	4.69	13	PASS
					RB1#25	4.73	13	PASS
					RB1#49	4.45	13	PASS
					RB25#0	5.70	13	PASS
RB25#13					5.60	13	PASS	
RB25#25					5.48	13	PASS	
RB50#0					6.30	13	PASS	
MCH				RB1#0	5.16	13	PASS	
				RB1#25	5.08	13	PASS	
				RB1#49	4.83	13	PASS	
				RB25#0	5.79	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.61	13	PASS
				RB25#25	5.62	13	PASS
				RB50#0	6.45	13	PASS
			HCH	RB1#0	5.13	13	PASS
				RB1#25	4.93	13	PASS
				RB1#49	4.84	13	PASS
				RB25#0	5.60	13	PASS
				RB25#13	5.37	13	PASS
				RB25#25	5.52	13	PASS
				RB50#0	6.16	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

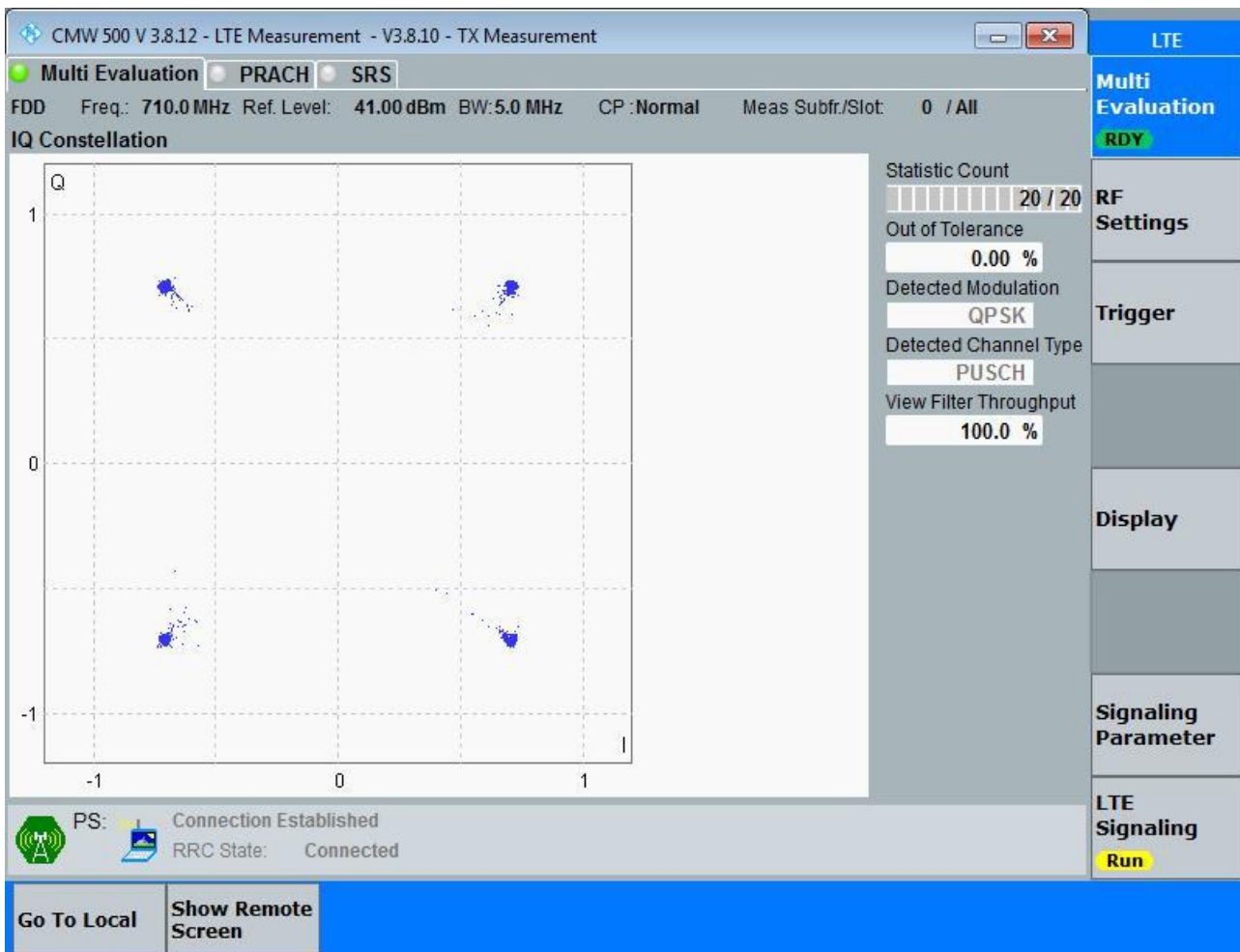
3.1.1 Test Band = Band17

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

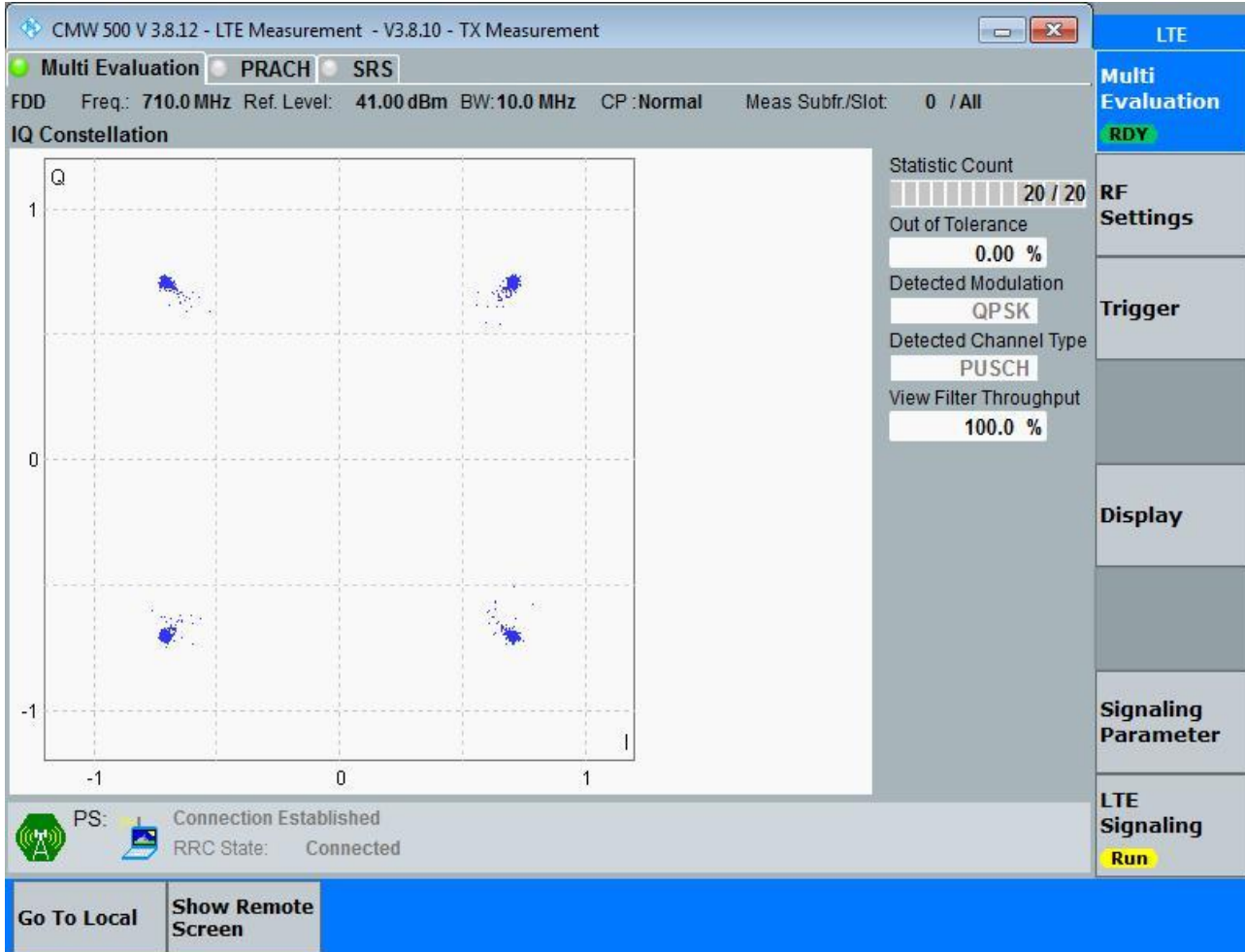
3.1.1.1.1.1.1 Test RB = RB25#0



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

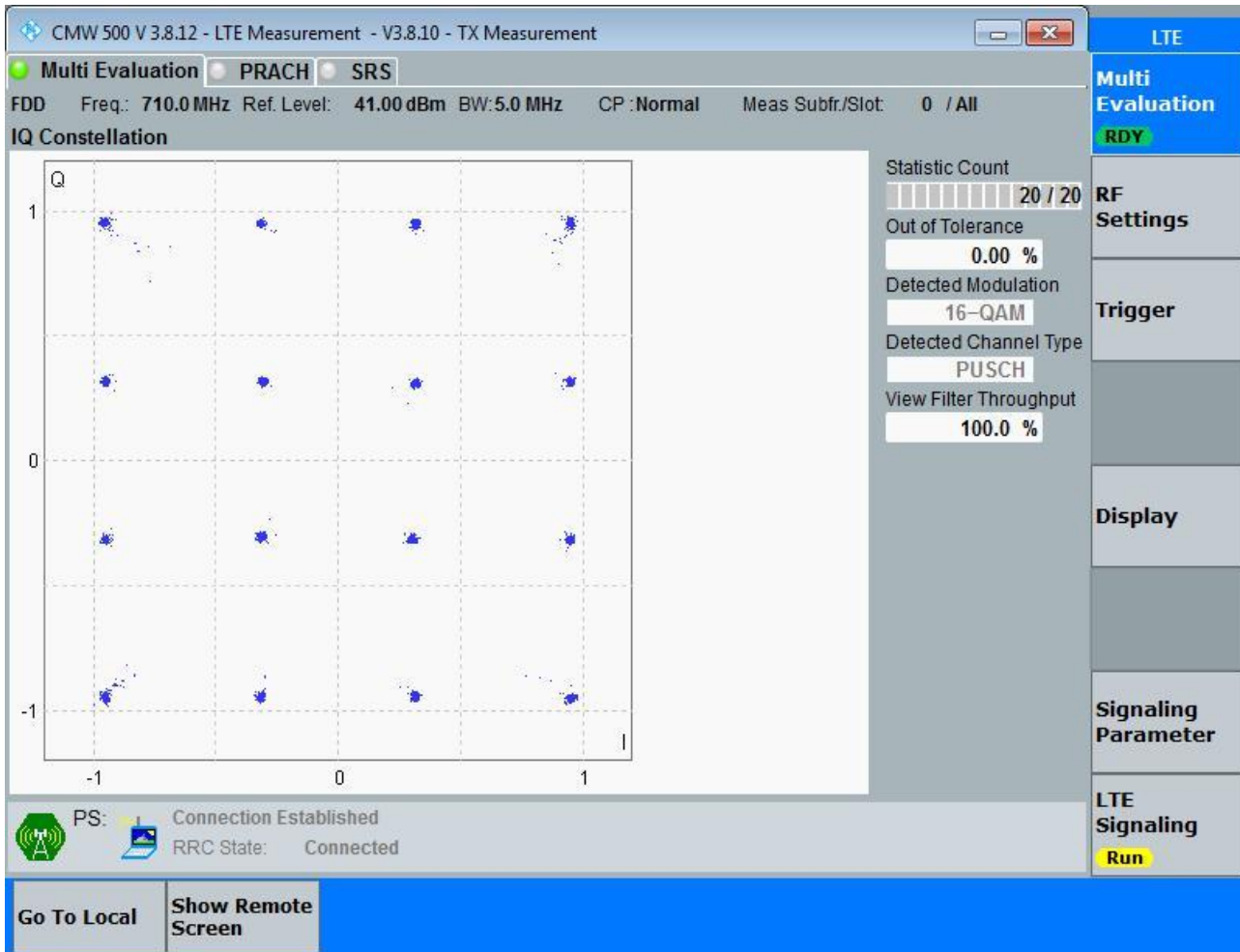


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

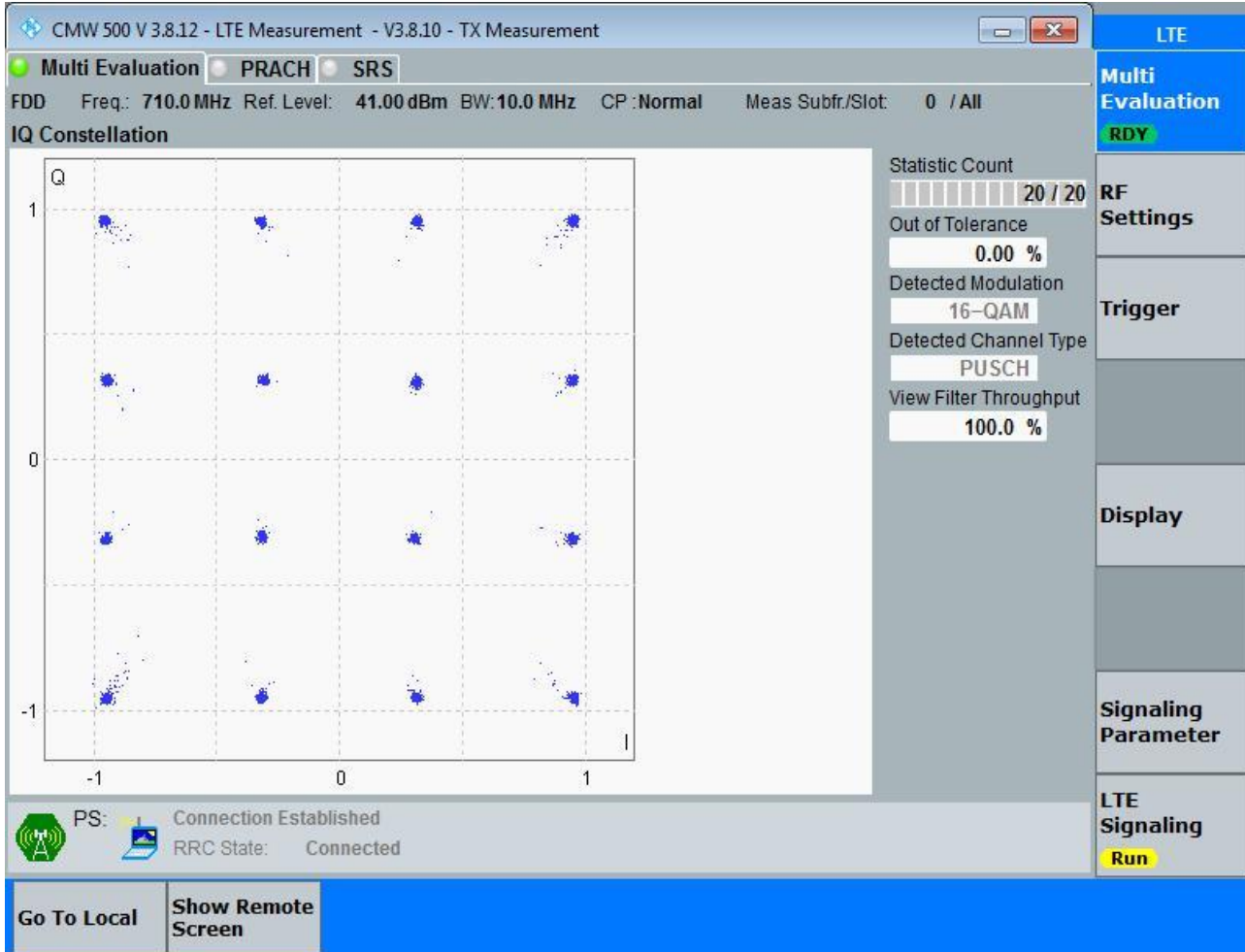
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.4 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
Band17	LTE/TM1	5	LCH	RB25#0	4.52	4.98	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.50	4.93	Pass
		10	LCH	RB50#0	8.97	9.79	Pass
			MCH	RB50#0	8.98	9.92	Pass
			HCH	RB50#0	8.99	9.79	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	5.00	Pass
			MCH	RB25#0	4.50	4.94	Pass
			HCH	RB25#0	4.50	4.96	Pass
		10	LCH	RB50#0	8.97	9.83	Pass
			MCH	RB50#0	9.00	9.82	Pass
			HCH	RB50#0	9.00	9.80	Pass

Part II - Test Plots

4.1 For LTE

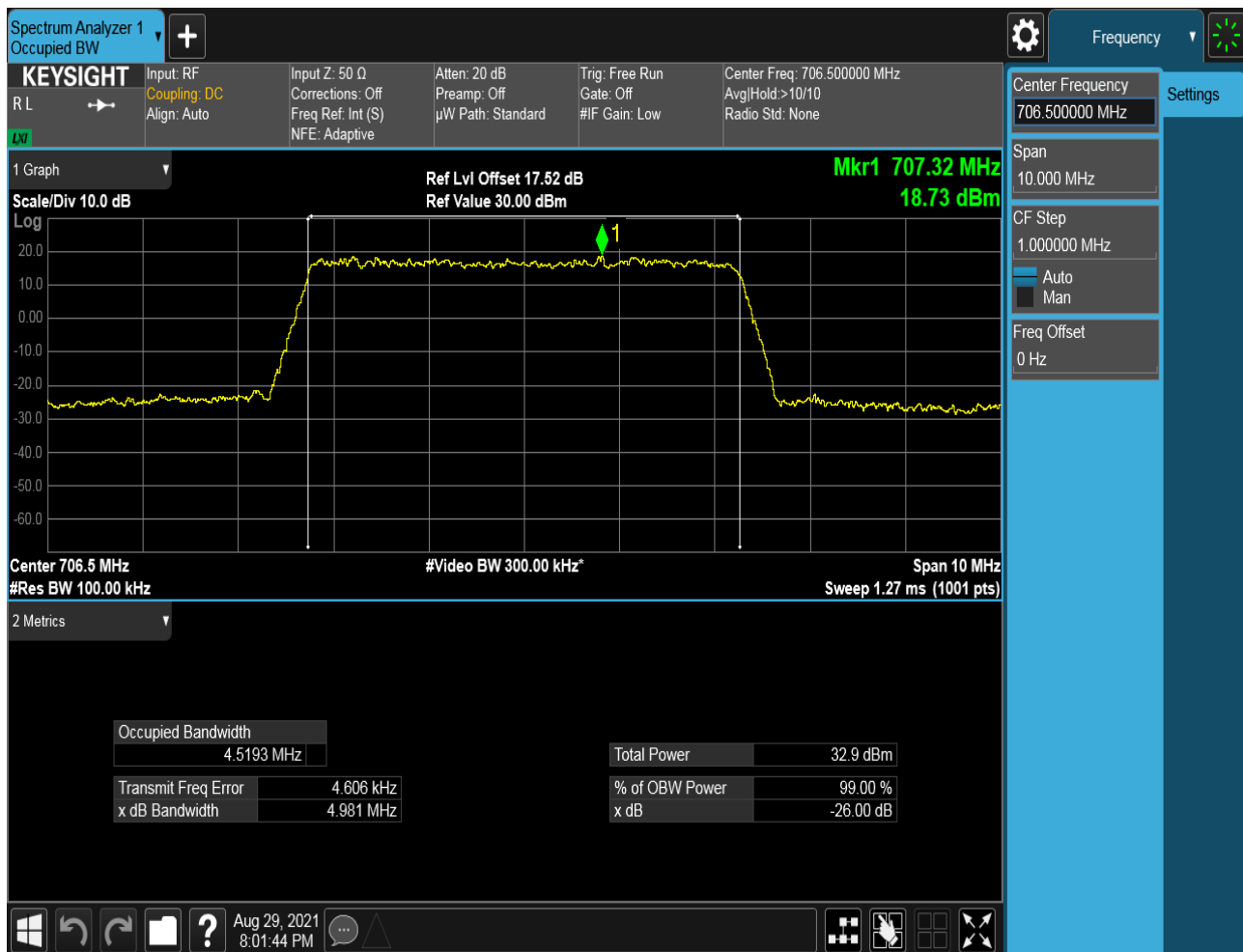
4.1.1 Test Band = Band17

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

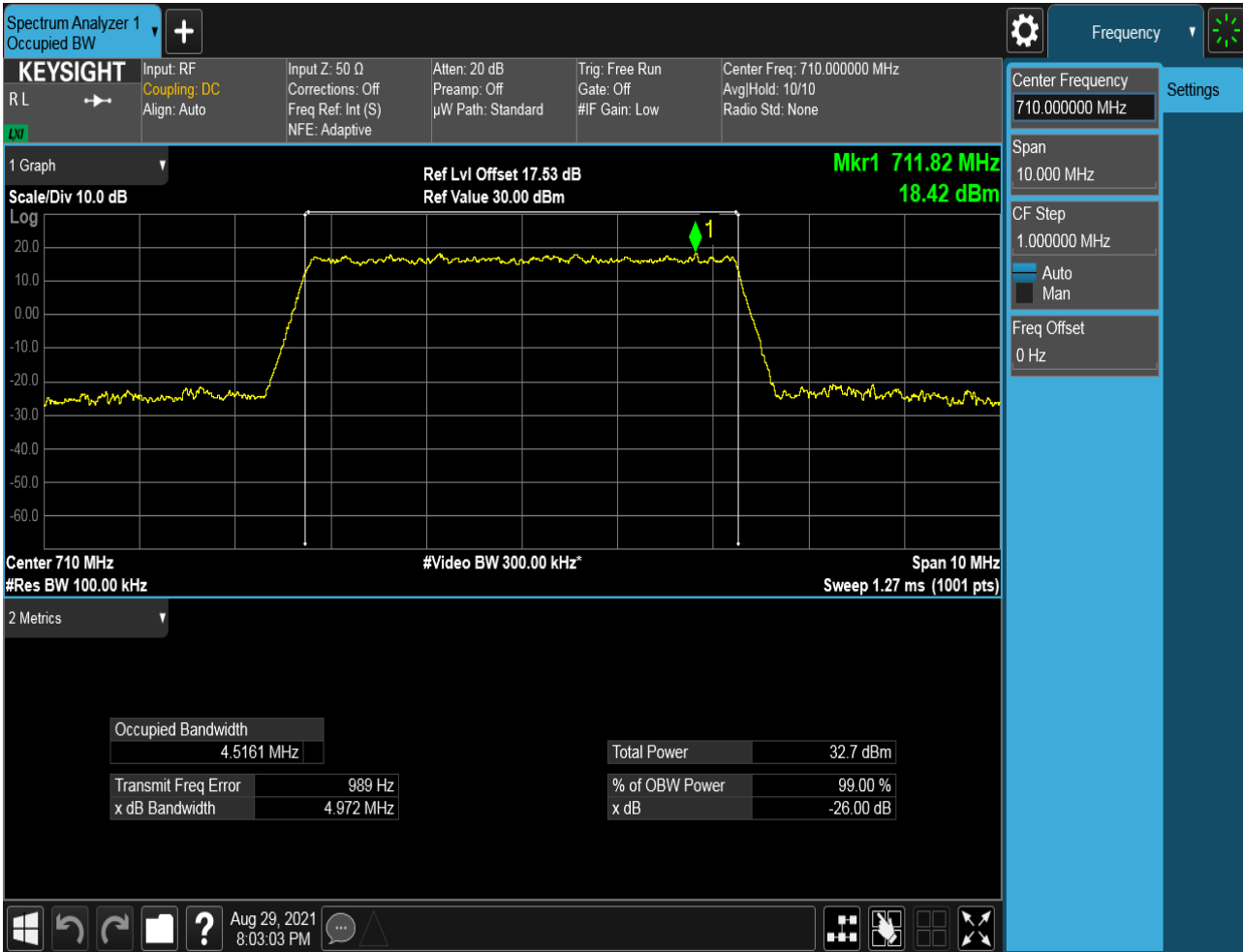
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



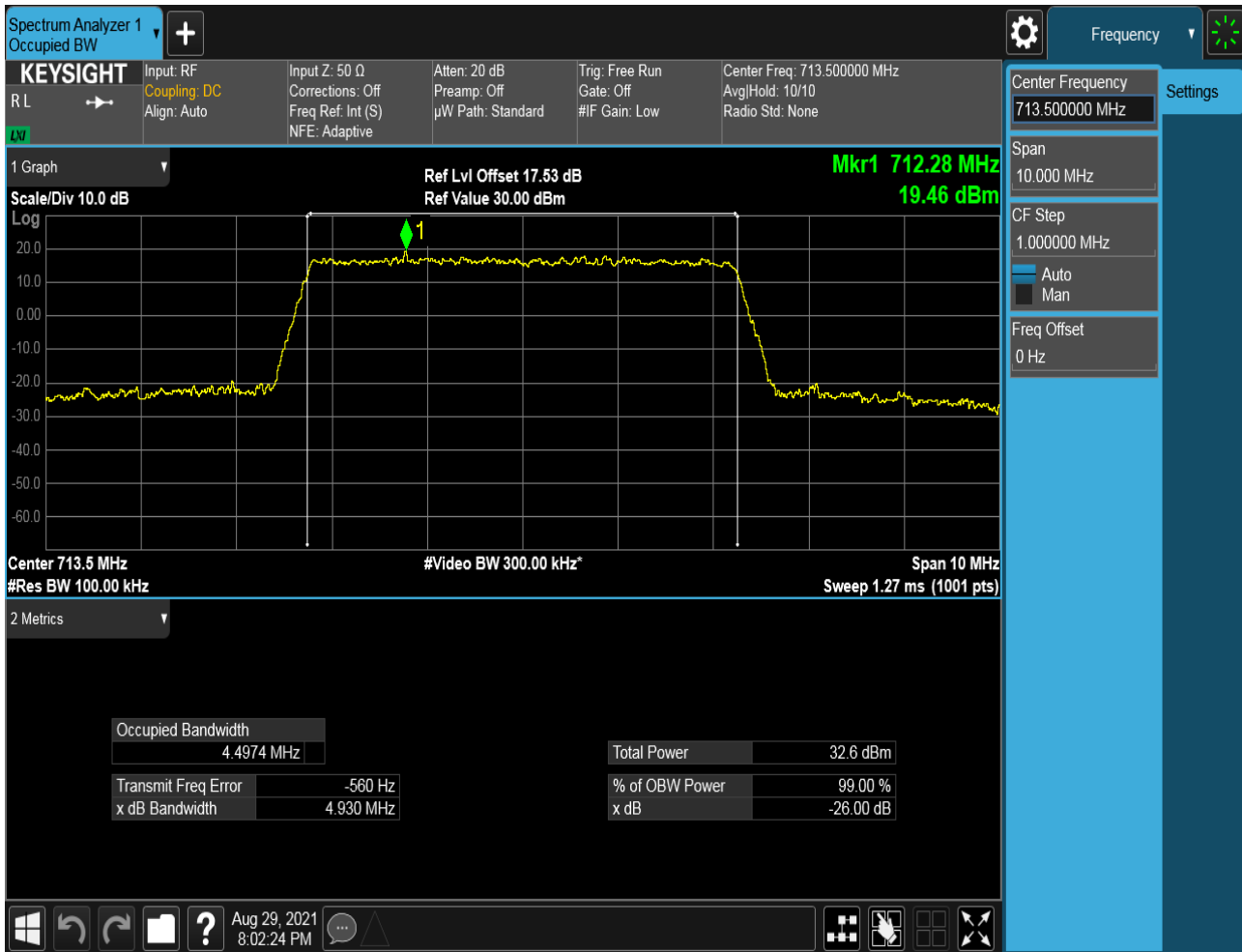
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

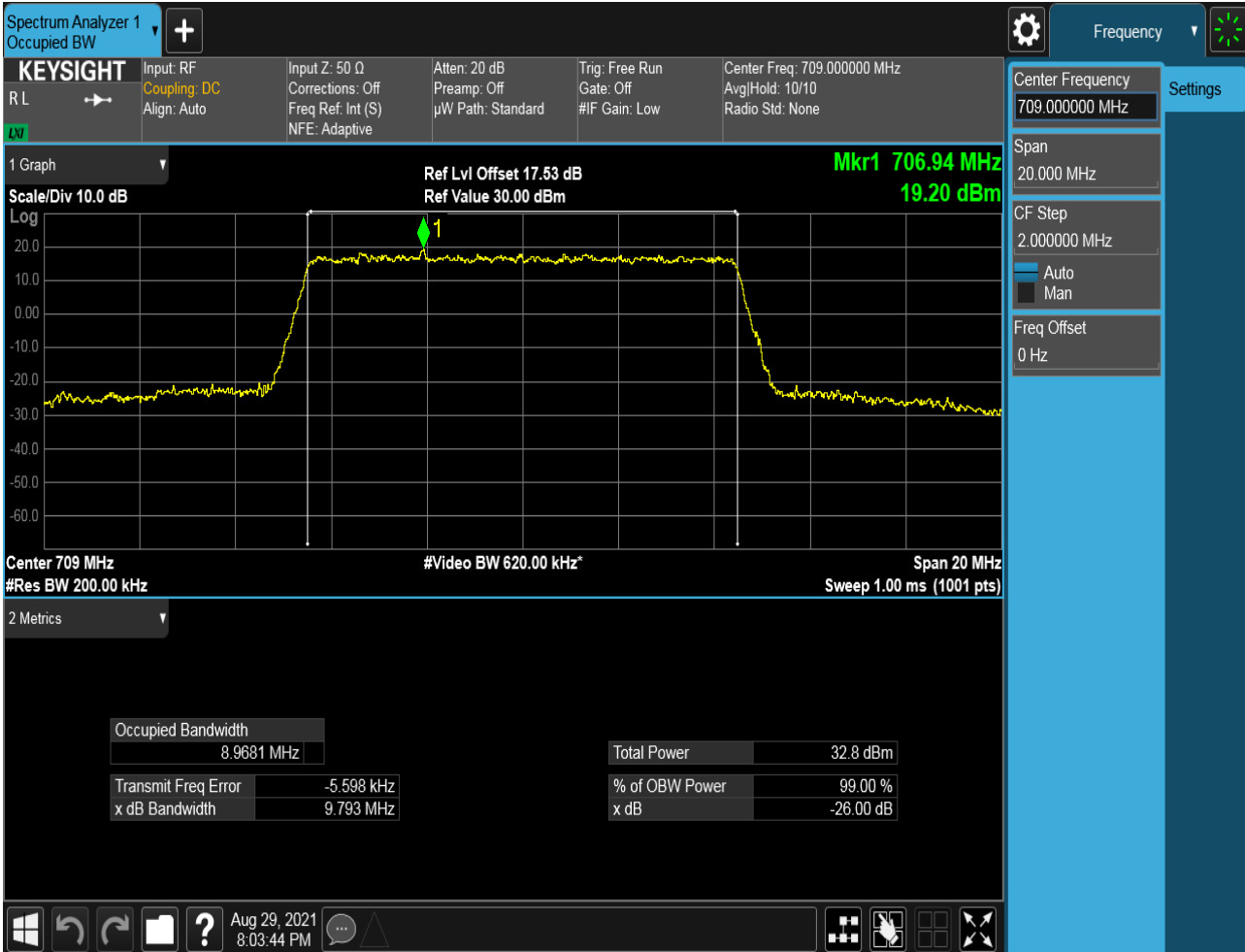
4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

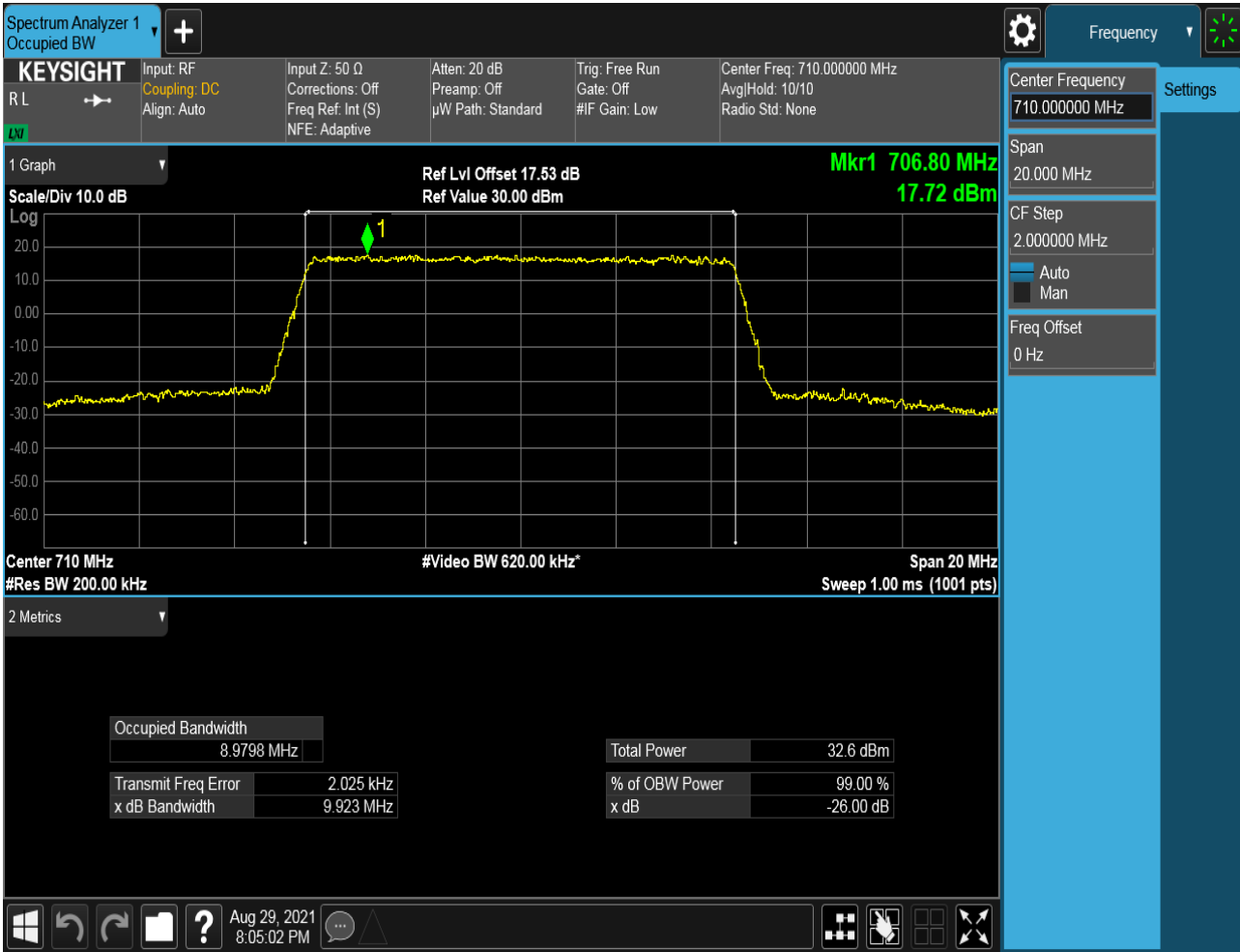
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0



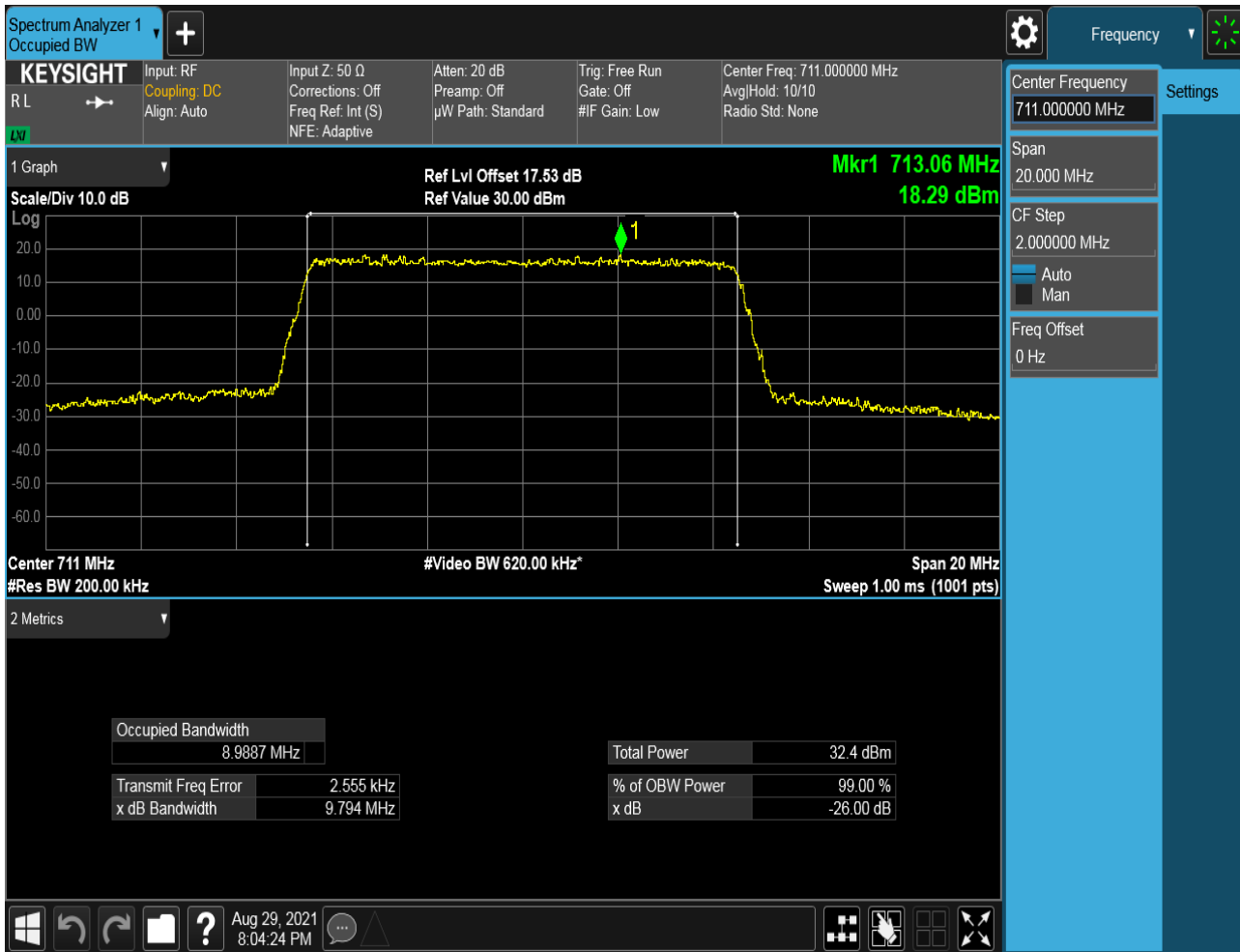
4.1.1.1.2.2 Test Channel = MCH

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

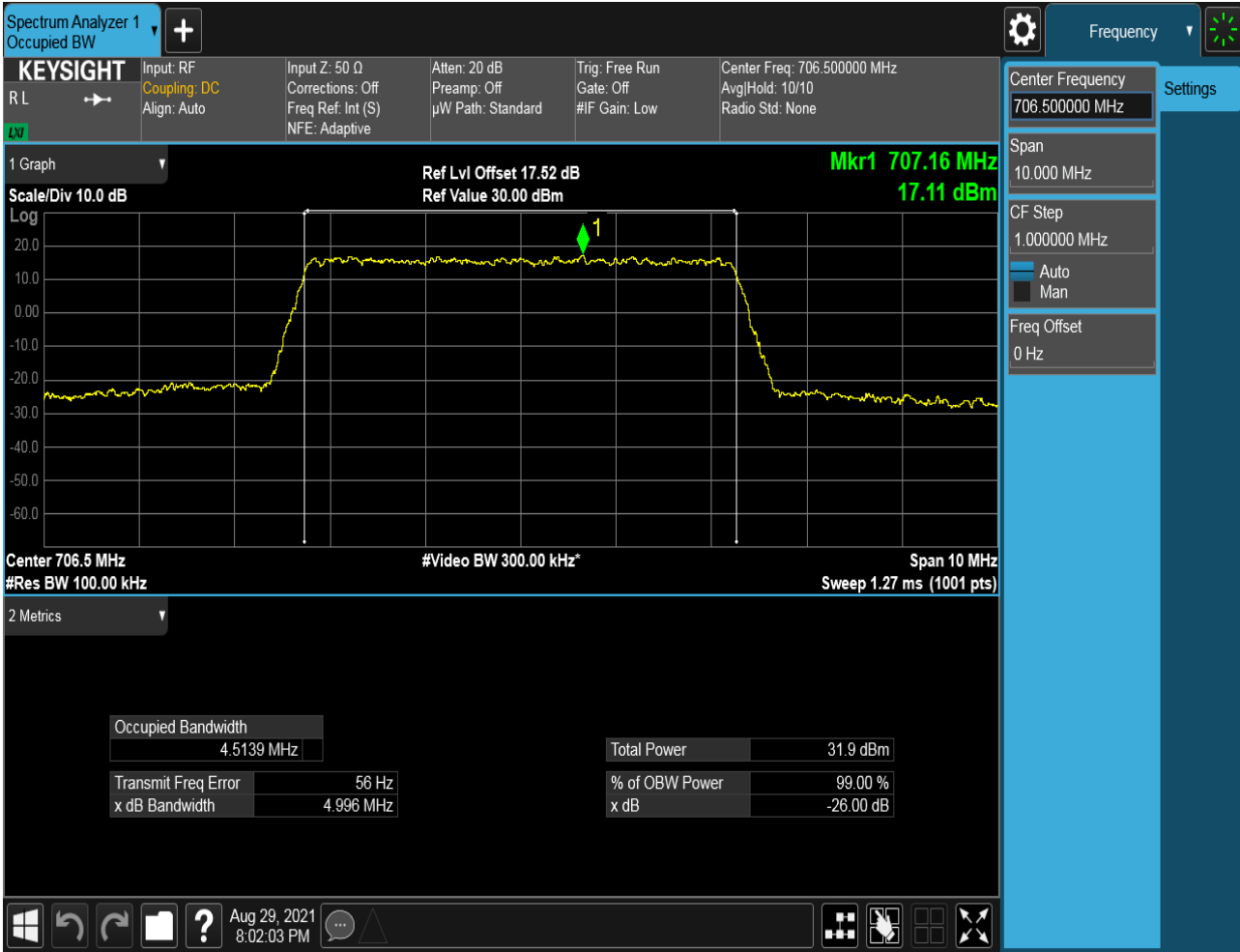


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

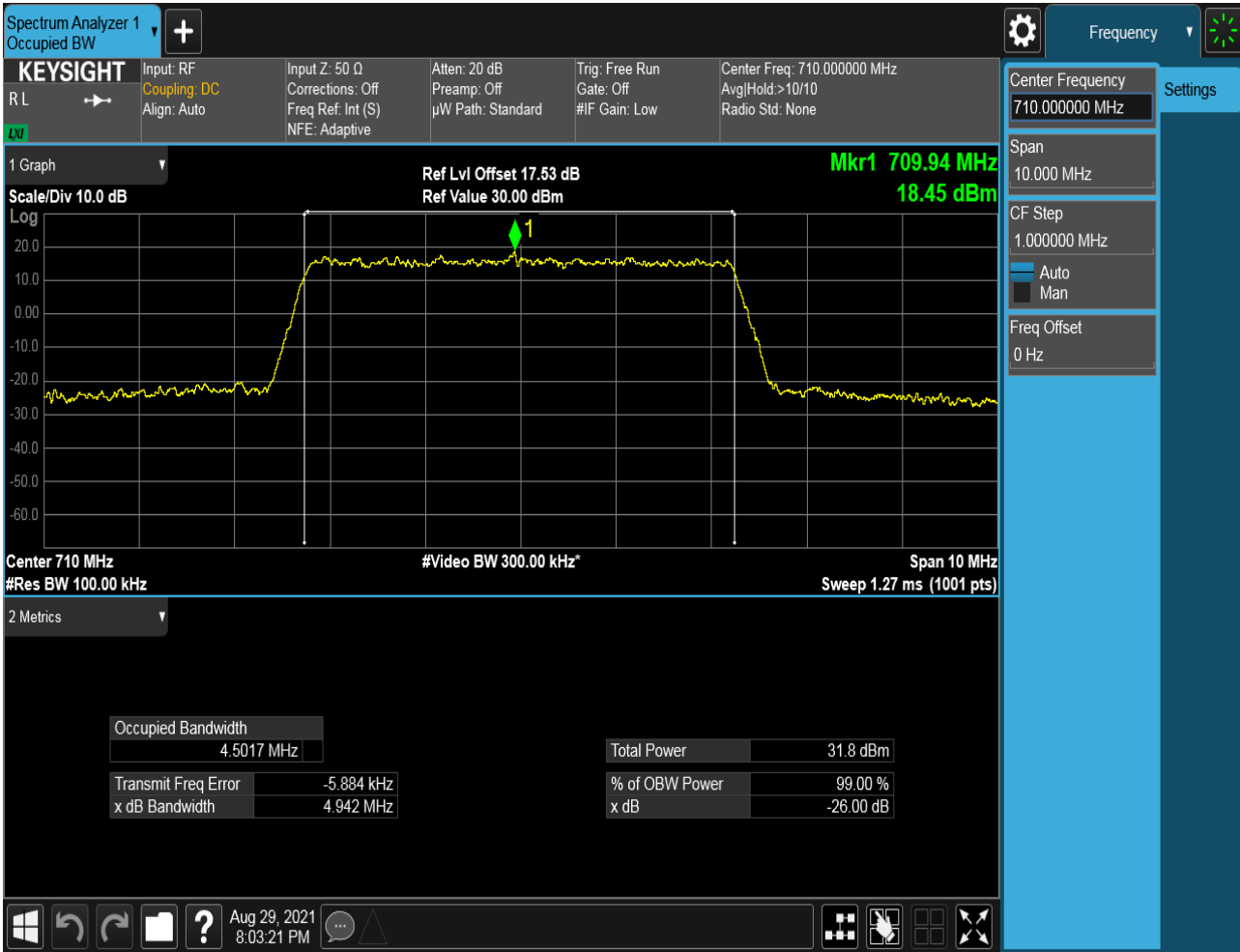
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB25#0



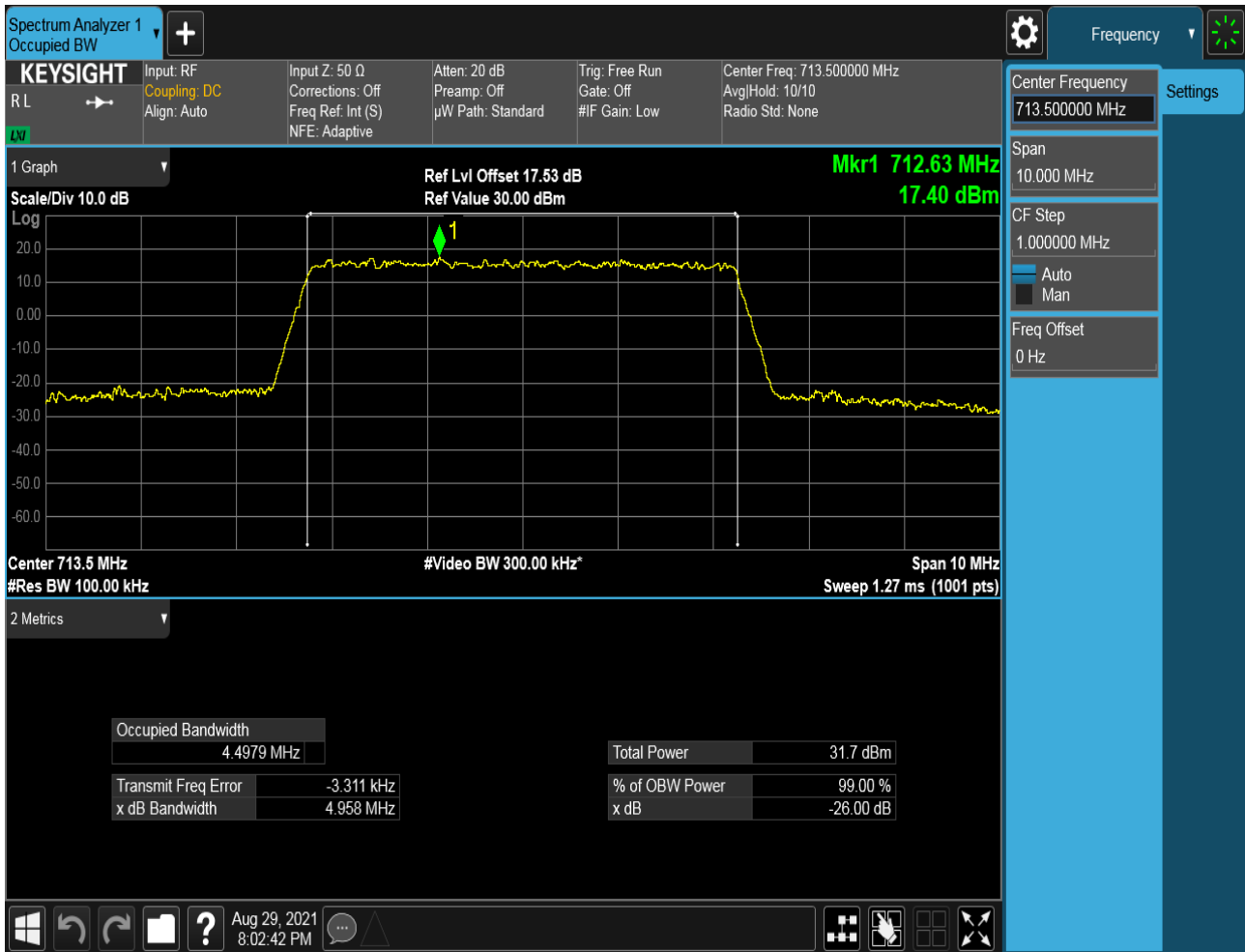
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

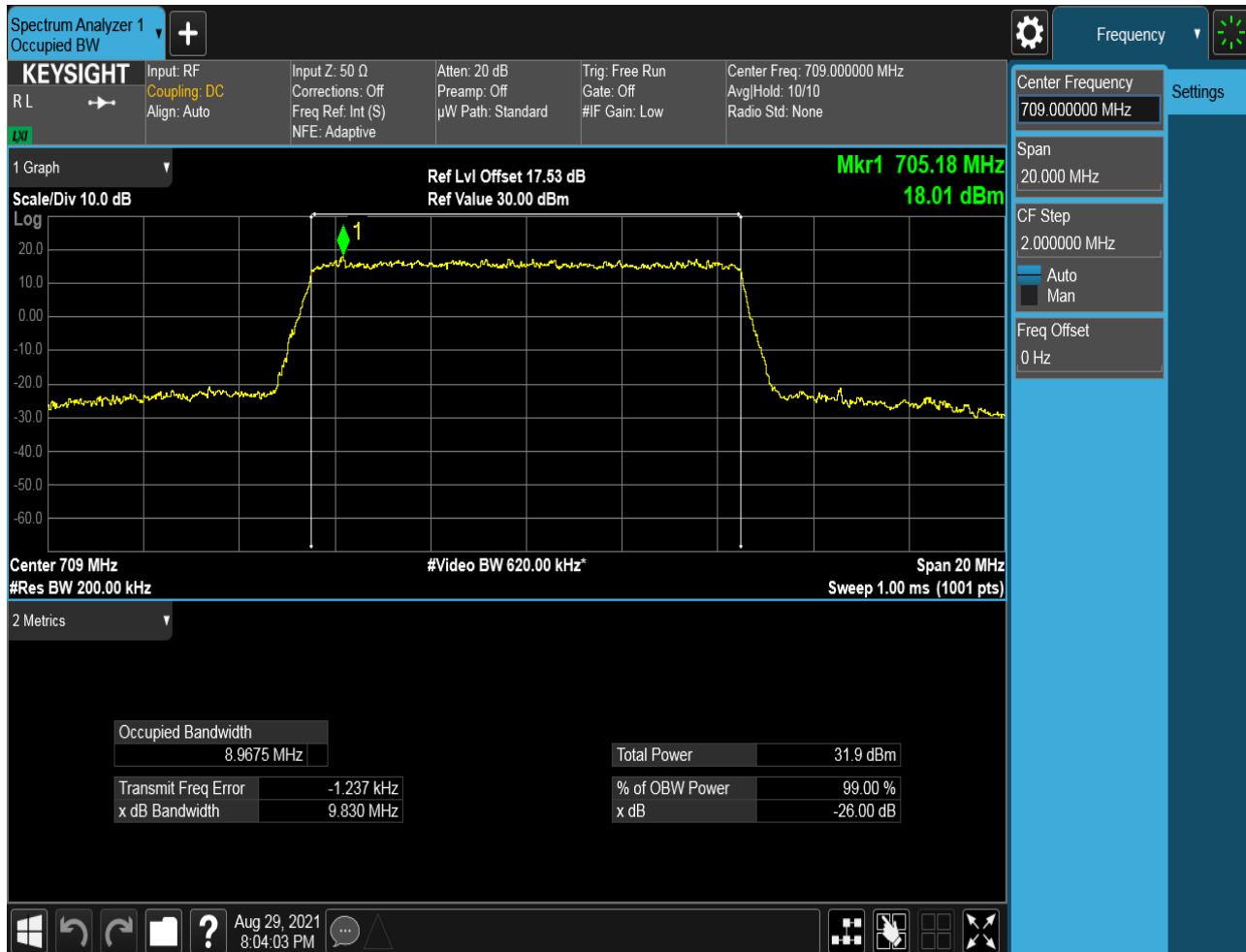
4.1.1.2.1.3.1 Test RB = RB25#0



4.1.1.2.2 Test Bandwidth = 10

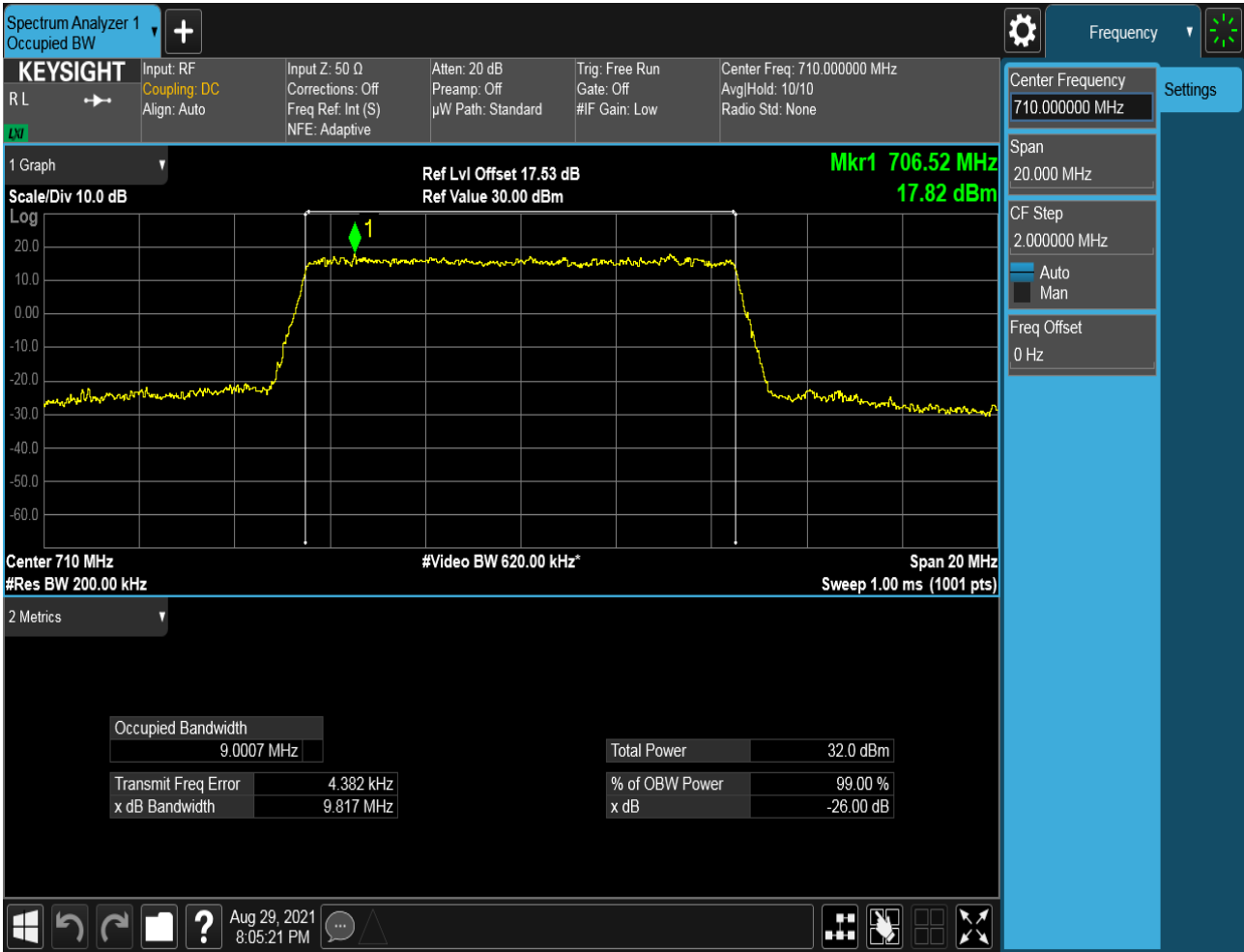
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



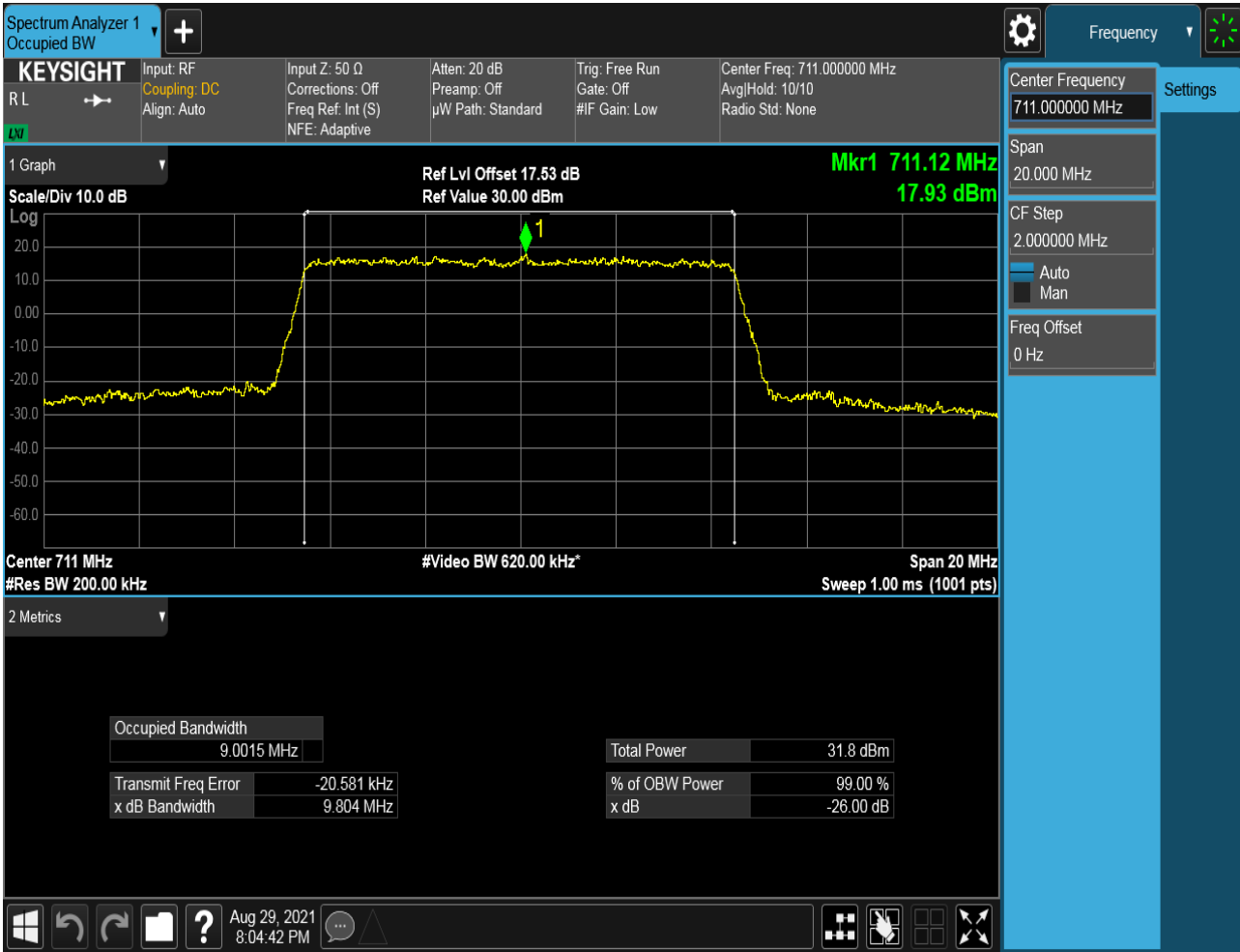
4.1.1.2.2.2 Test Channel = MCH

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



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

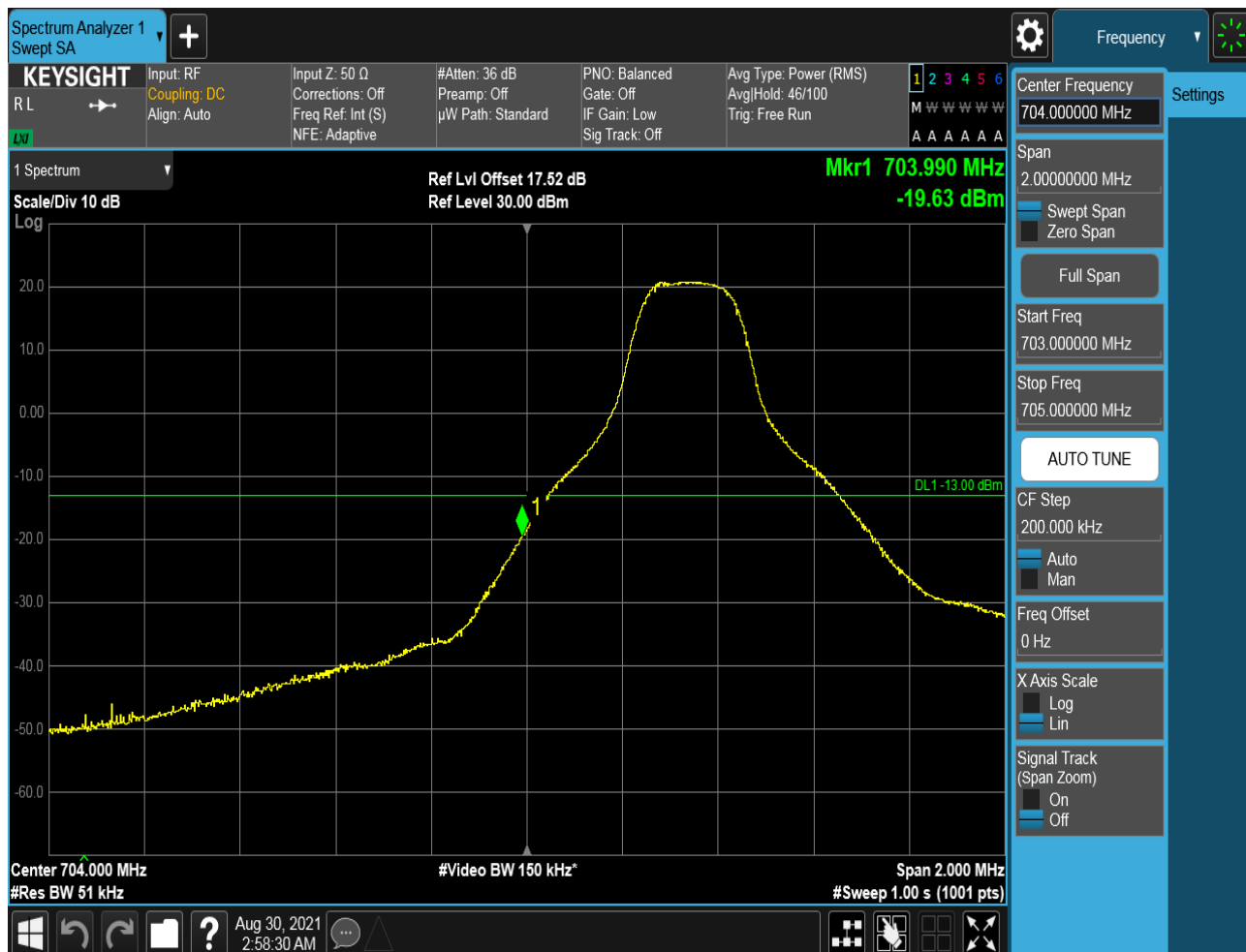
5.1.1 Test Band = Band17

5.1.1.1 Test Mode = LTE/TM1

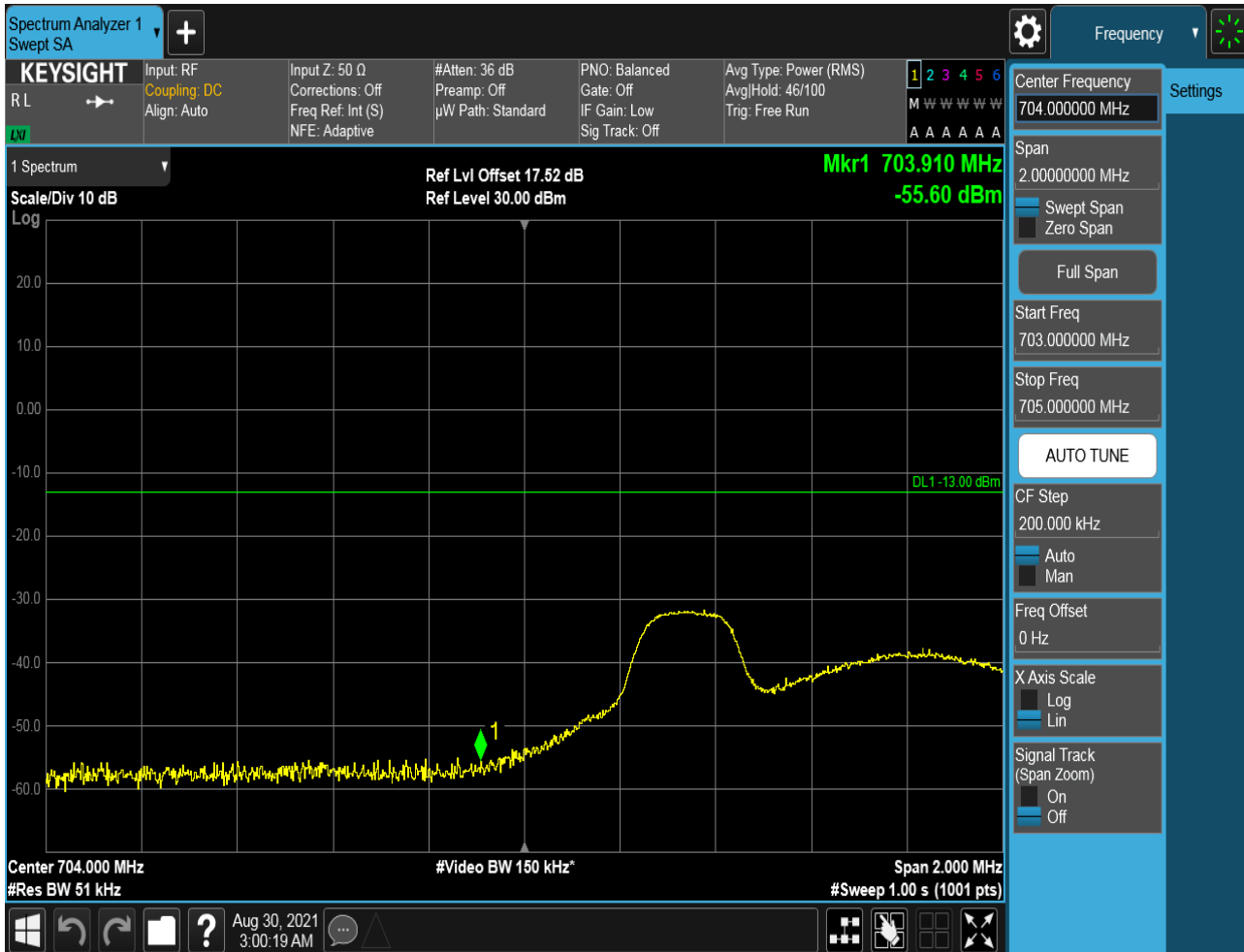
5.1.1.1.1 Test Bandwidth = 5

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



5.1.1.1.1.3 Test RB = RB12#6

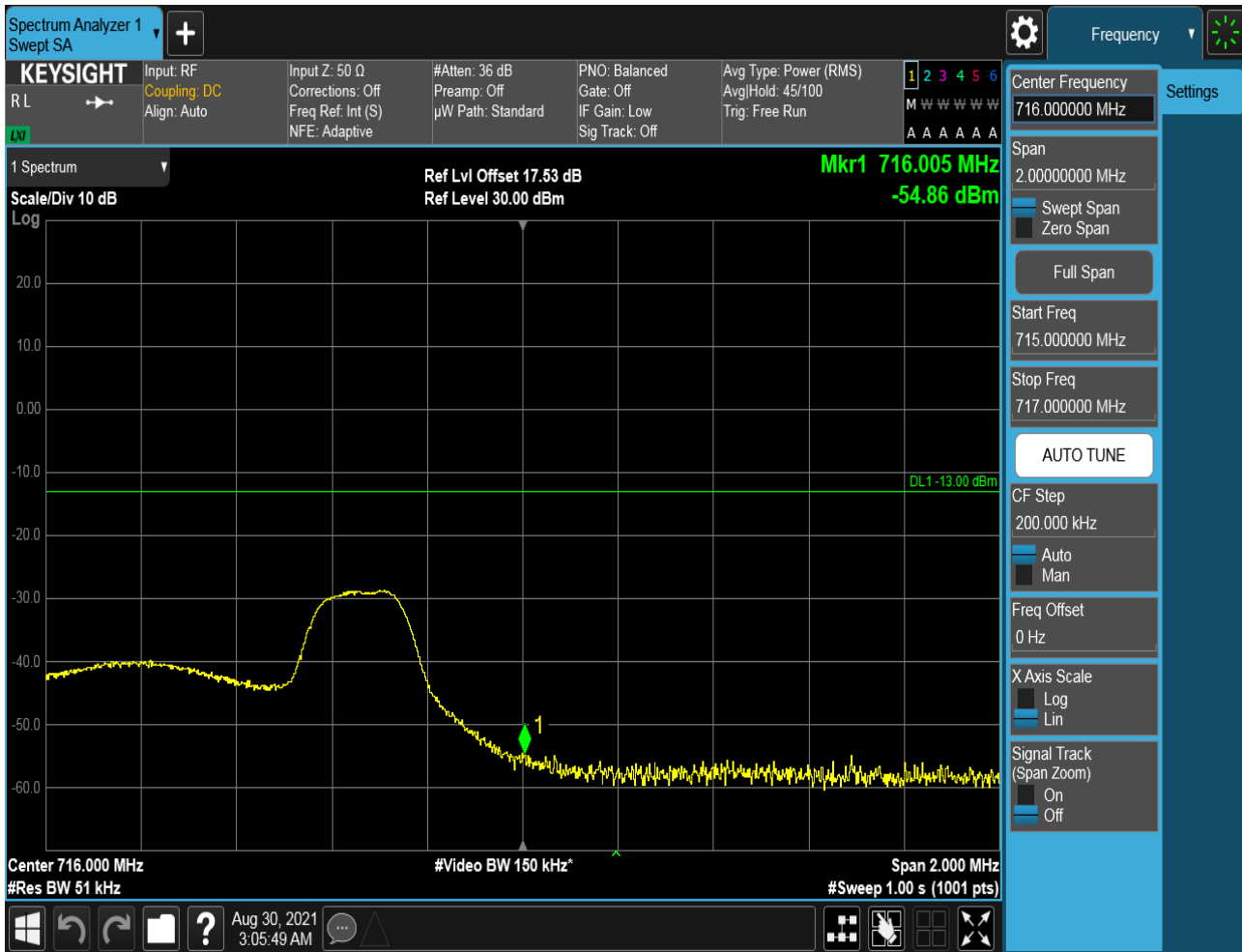


5.1.1.1.1.4 Test RB = RB25#0

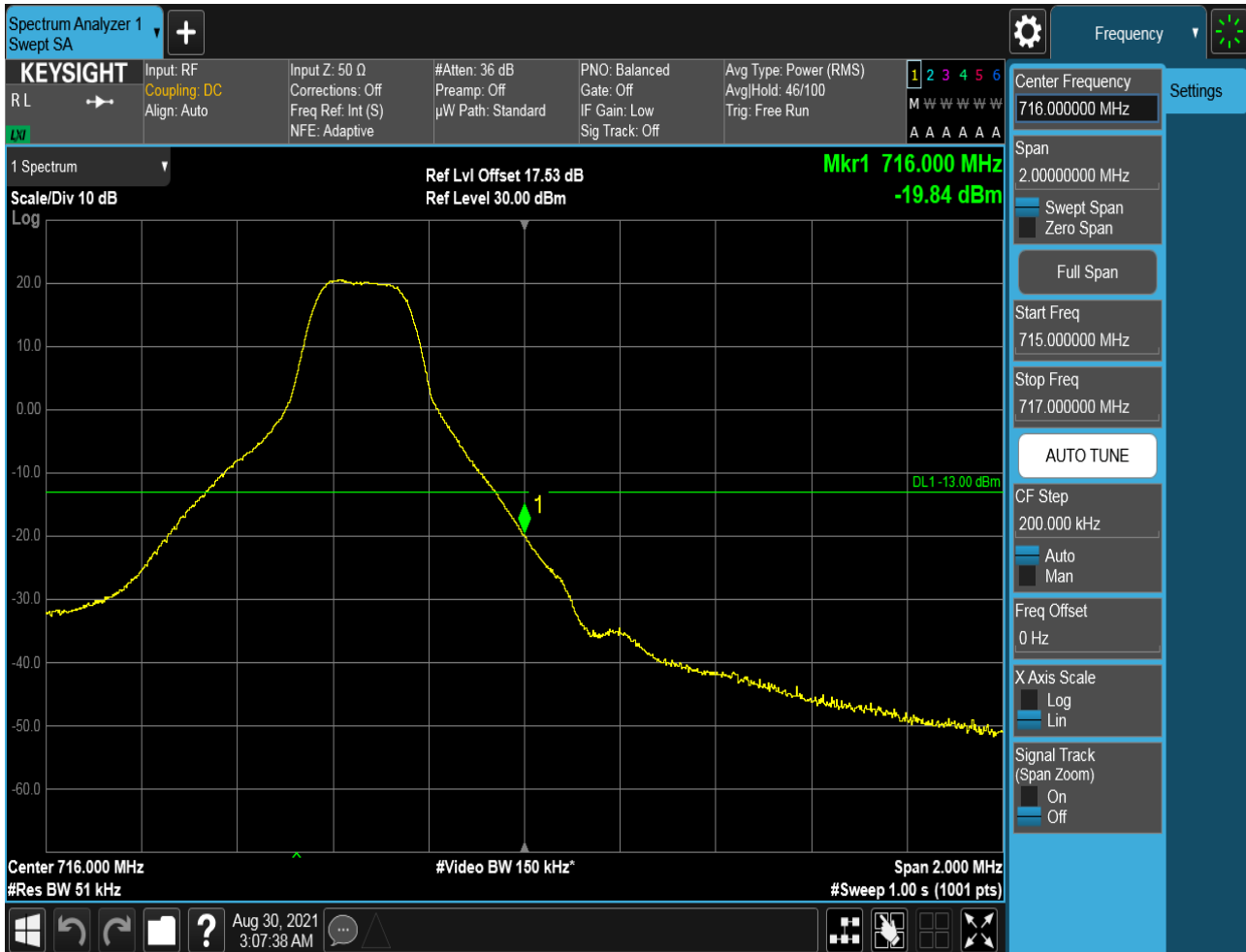


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.2.2 Test RB = RB1#24



5.1.1.1.1.2.3 Test RB = RB12#6



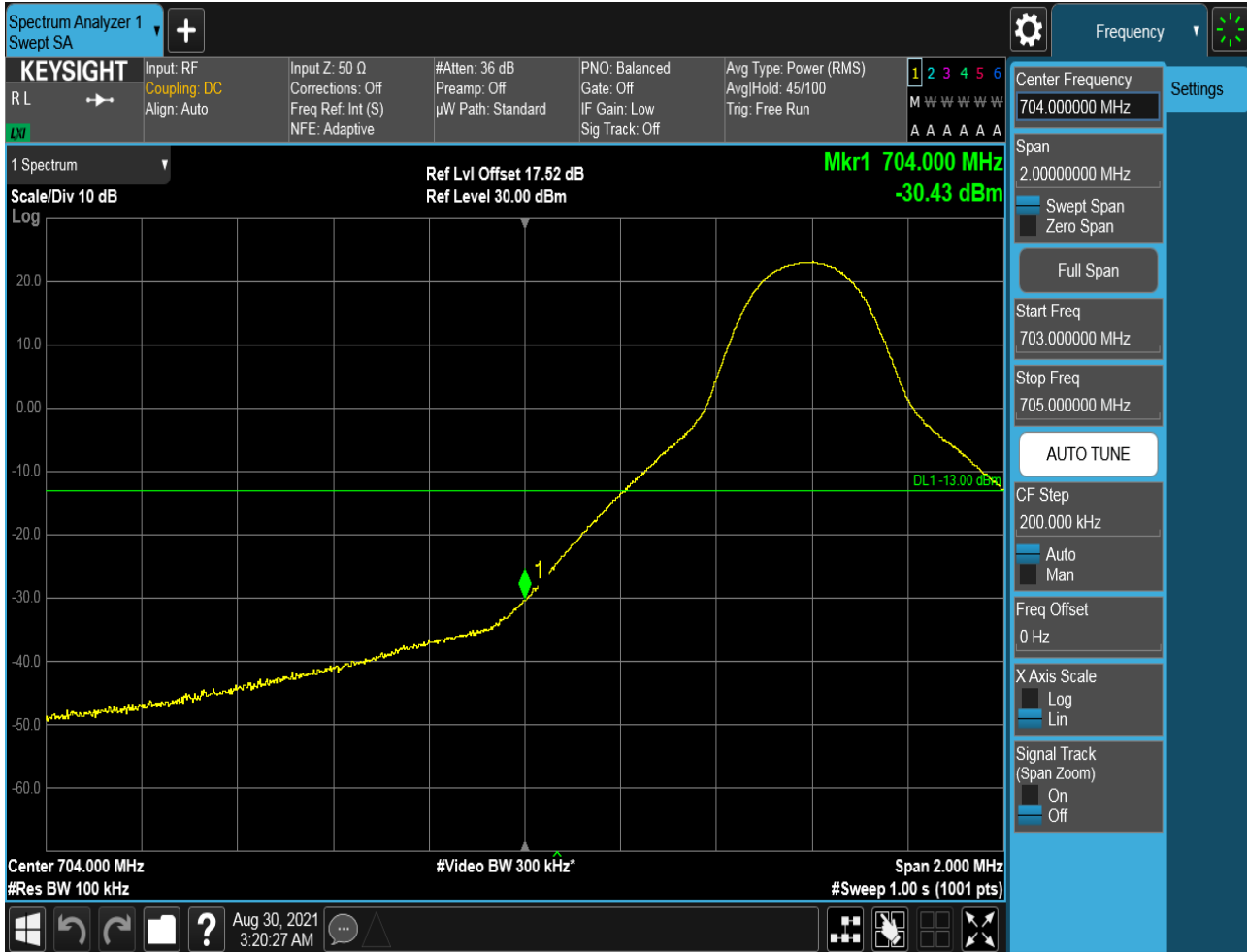
5.1.1.1.2.4 Test RB = RB25#0



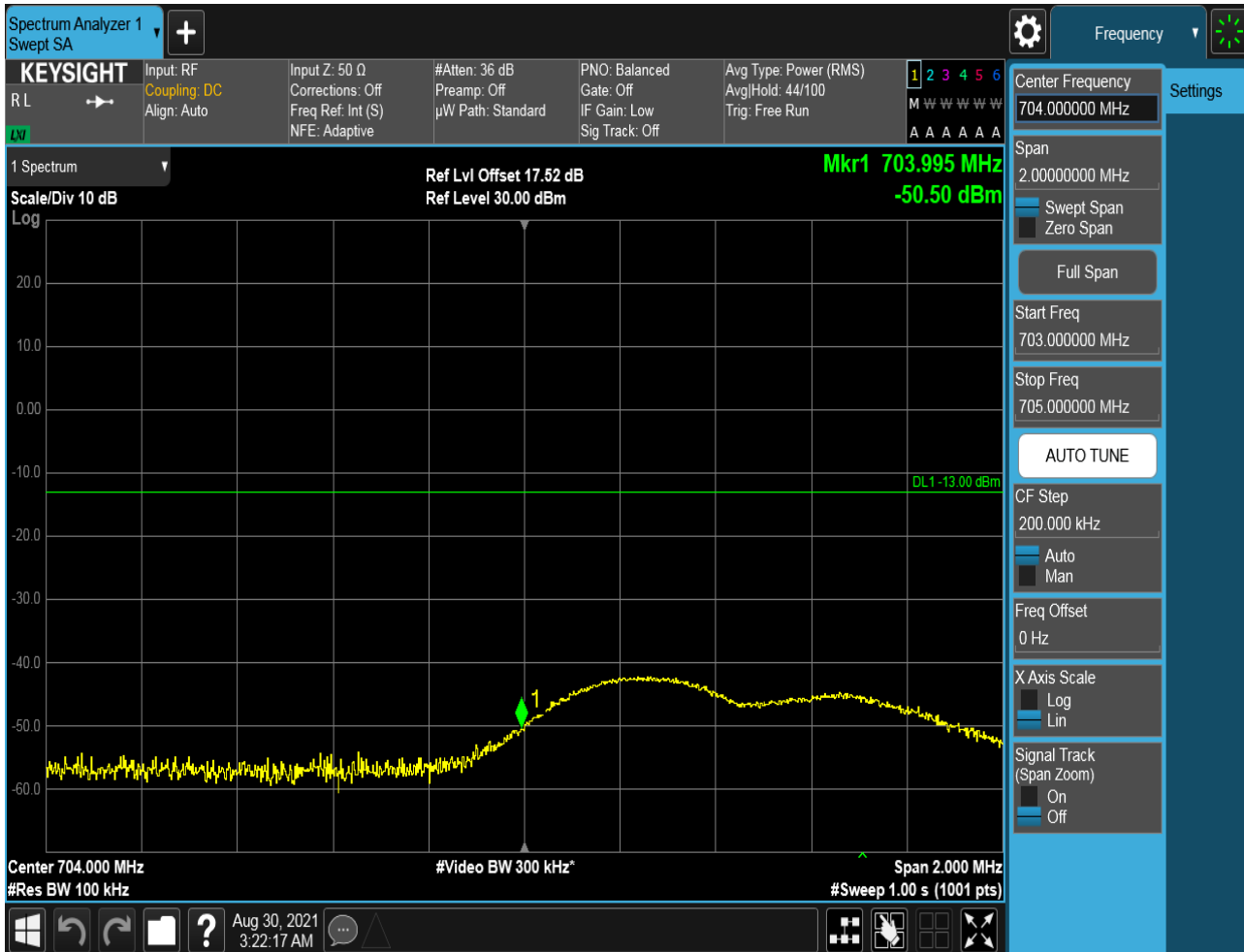
5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

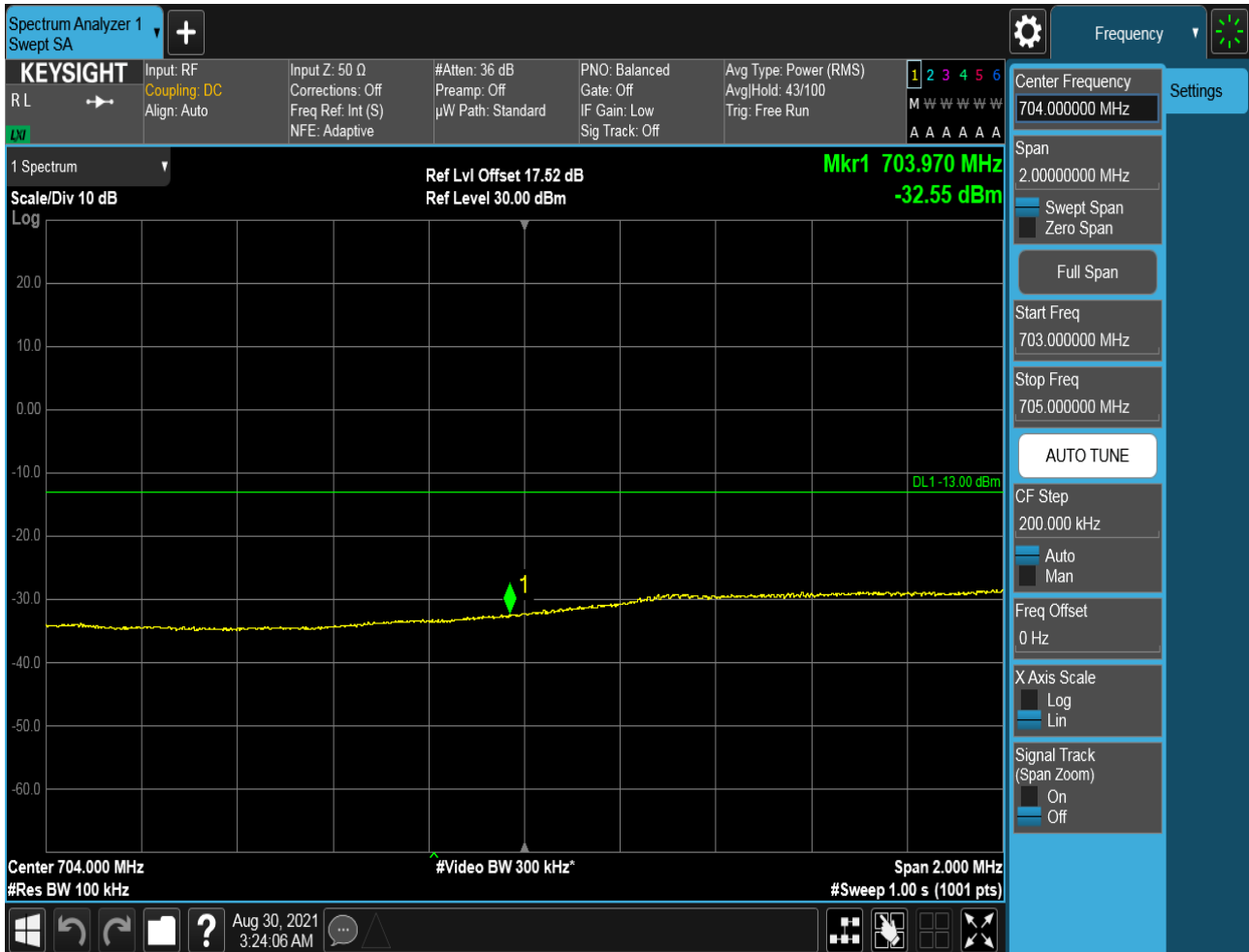
5.1.1.1.2.1.1 Test RB = RB1#0



5.1.1.1.2.1.2 Test RB = RB1#49



5.1.1.1.2.1.3 Test RB = RB25#13

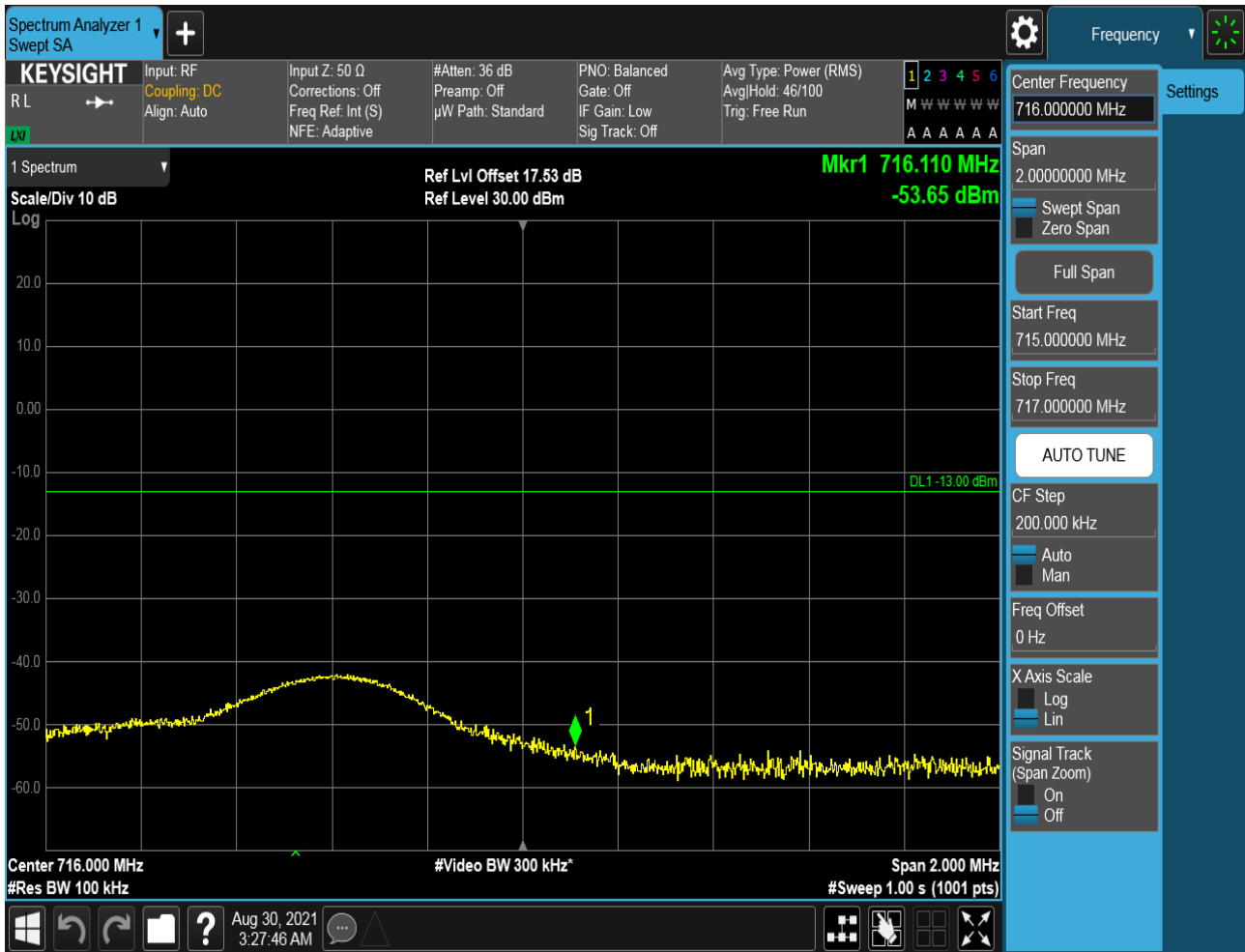


5.1.1.1.2.1.4 Test RB = RB50#0



5.1.1.1.2.2 Test Channel = HCH

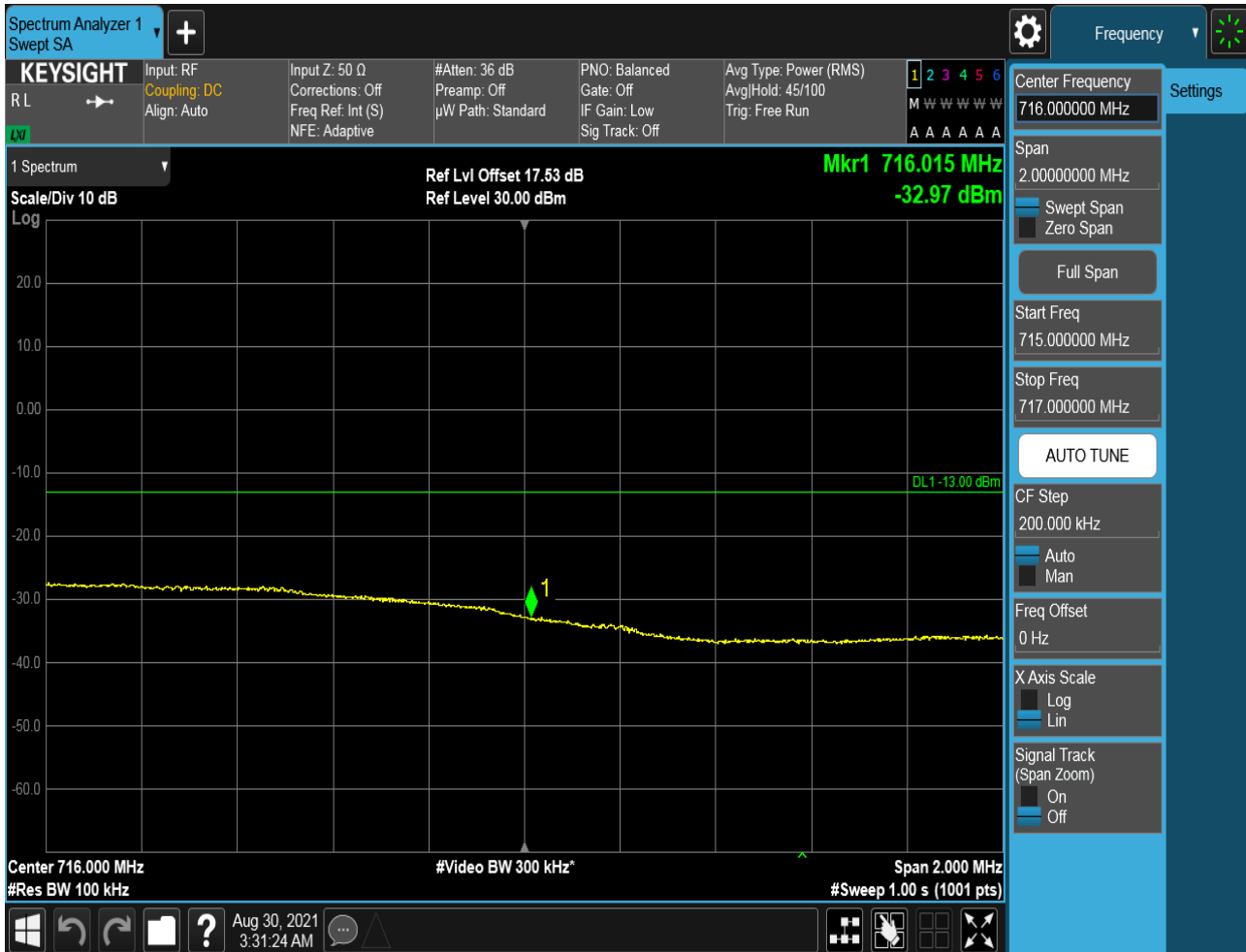
5.1.1.1.2.2.1 Test RB = RB1#0



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

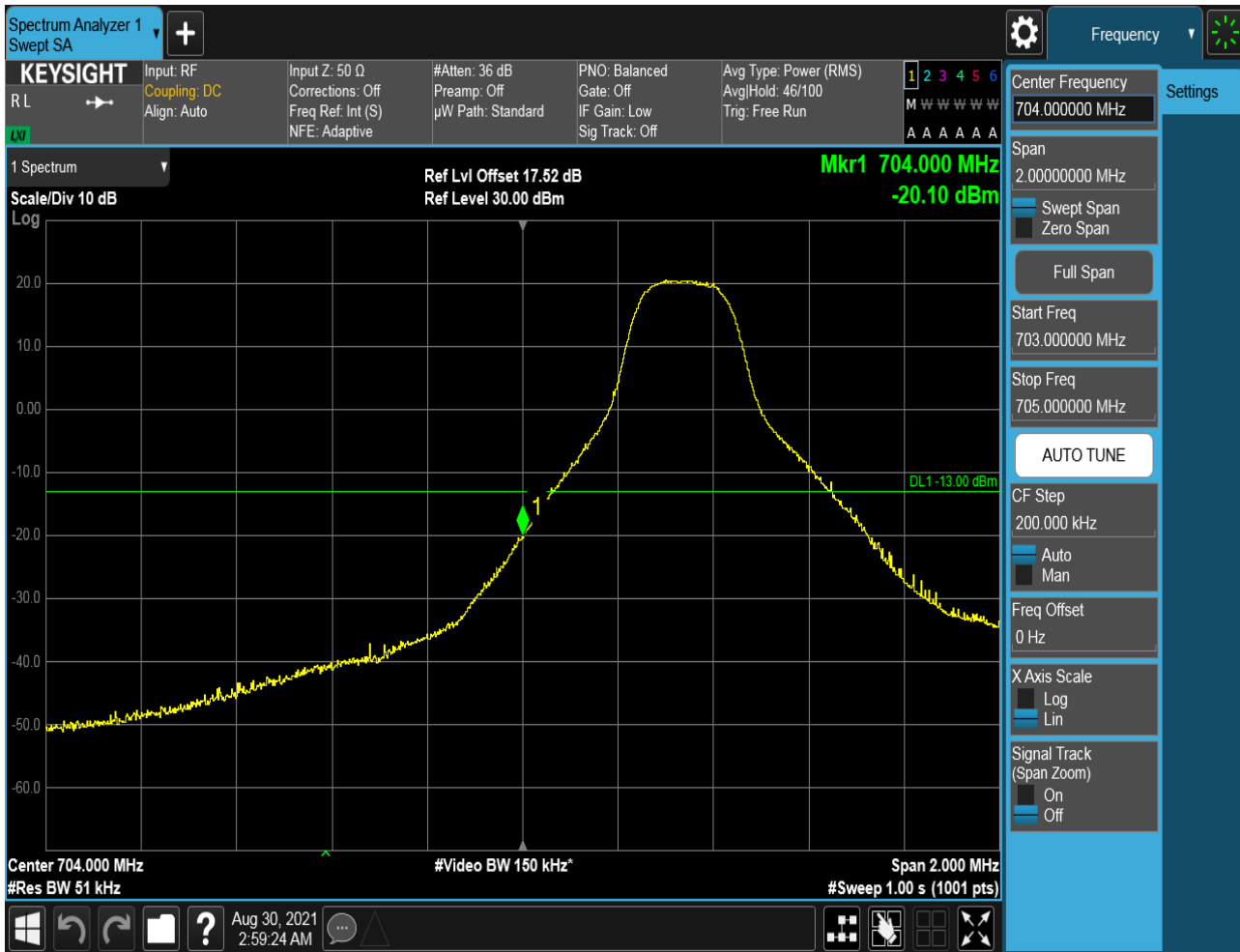


5.1.1.2 Test Mode = LTE/TM2

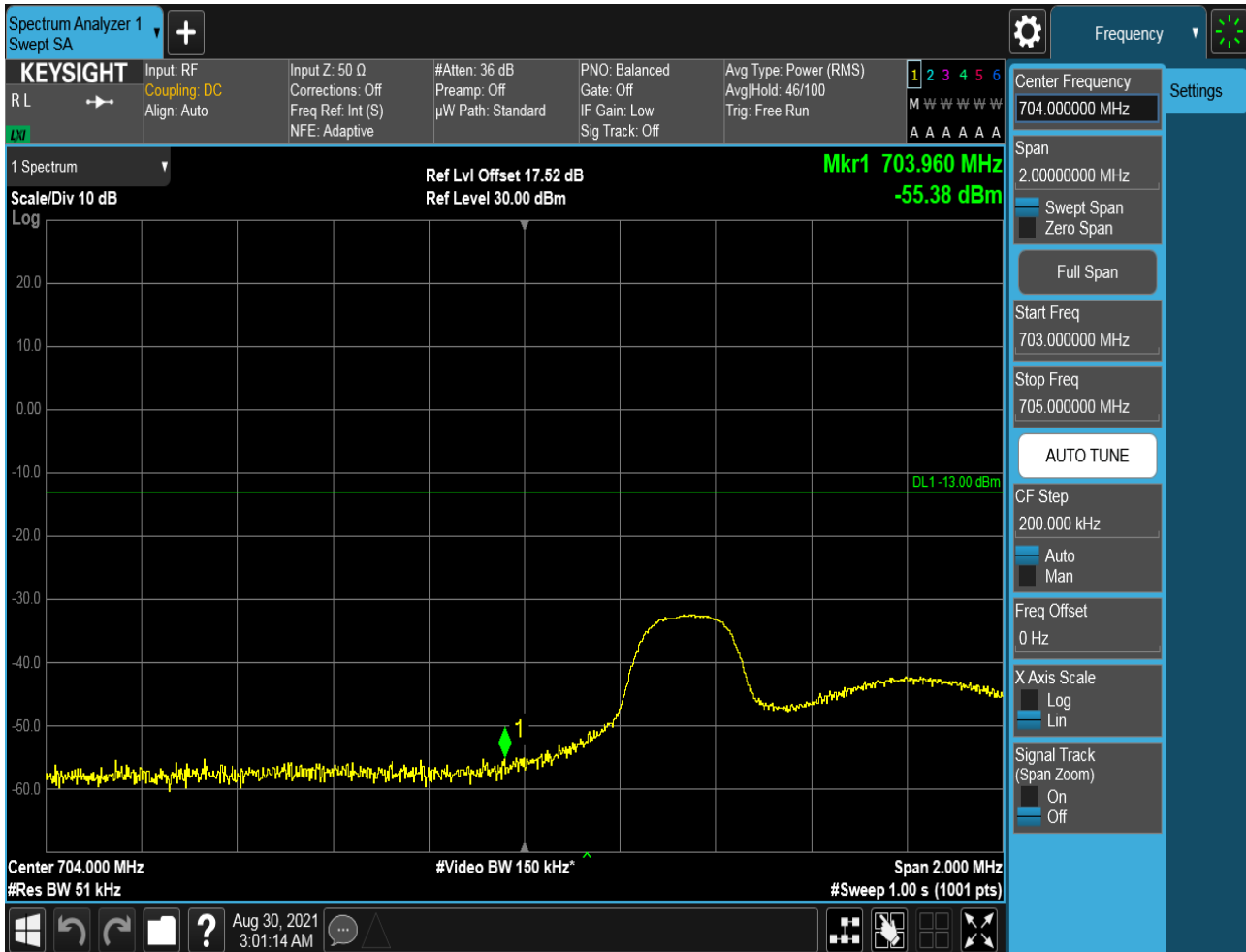
5.1.1.2.1 Test Bandwidth = 5

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#24



5.1.1.2.1.1.3 Test RB = RB12#6

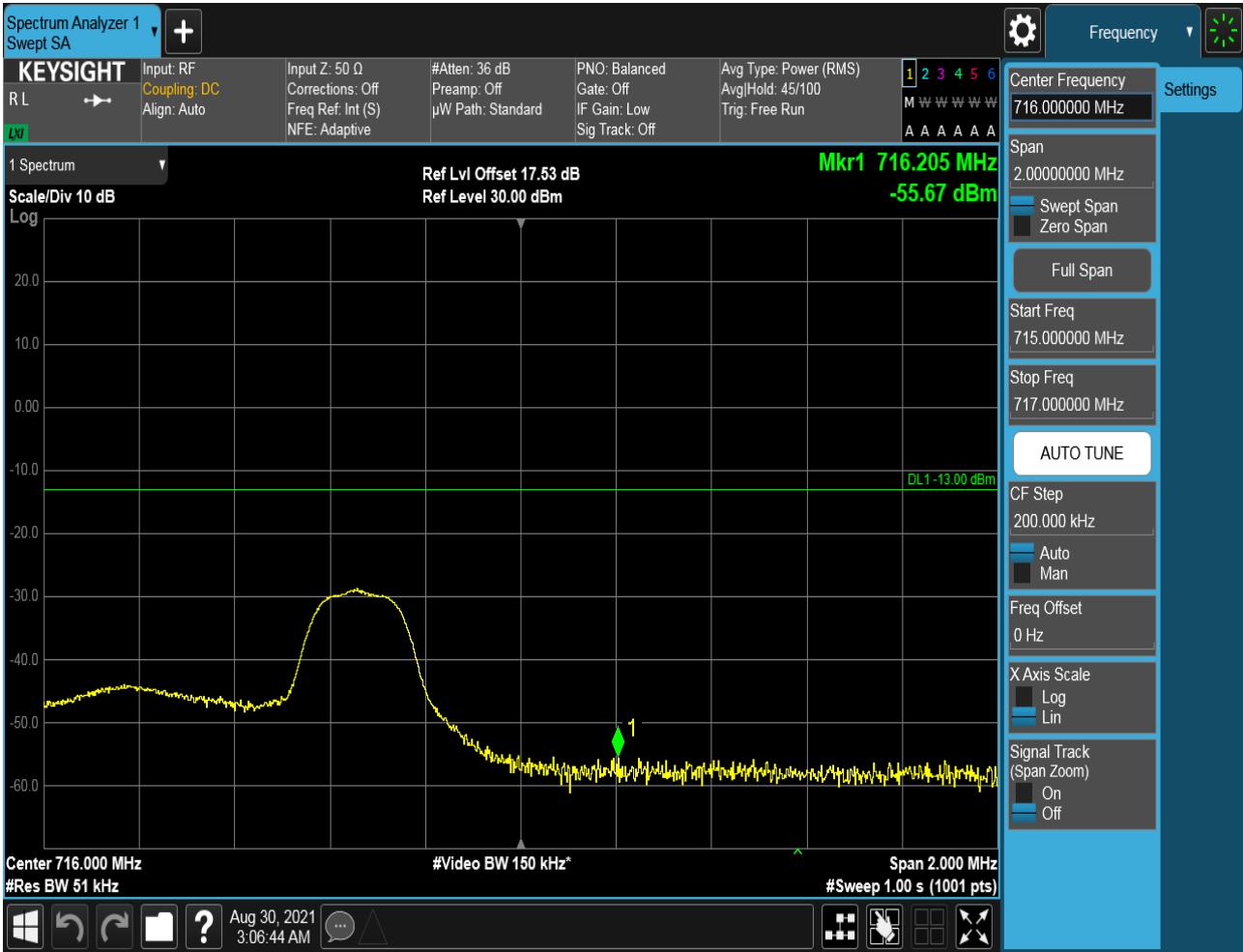


5.1.1.2.1.1.4 Test RB = RB25#0

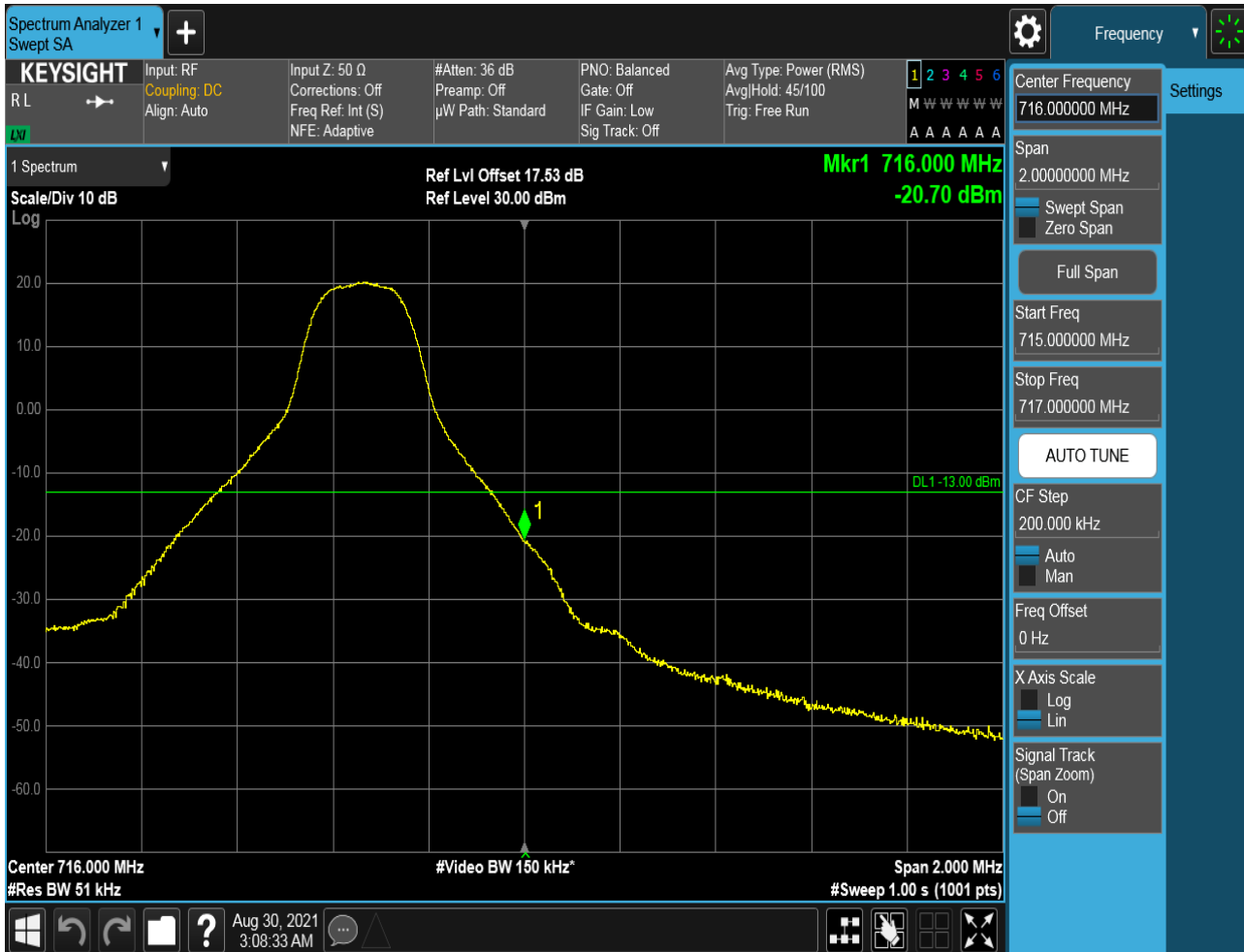


5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#24



5.1.1.2.1.2.3 Test RB = RB12#6



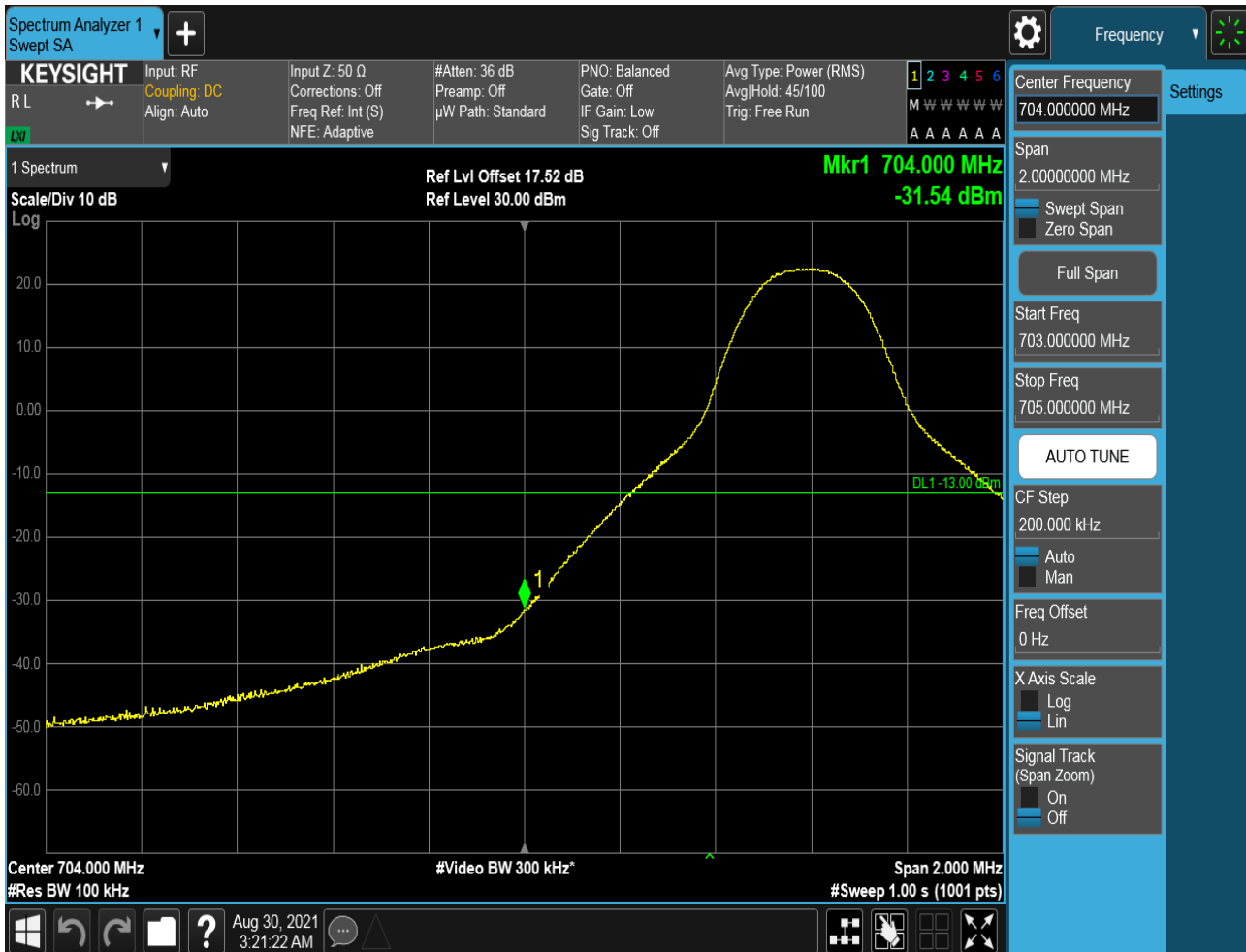
5.1.1.2.1.2.4 Test RB = RB25#0



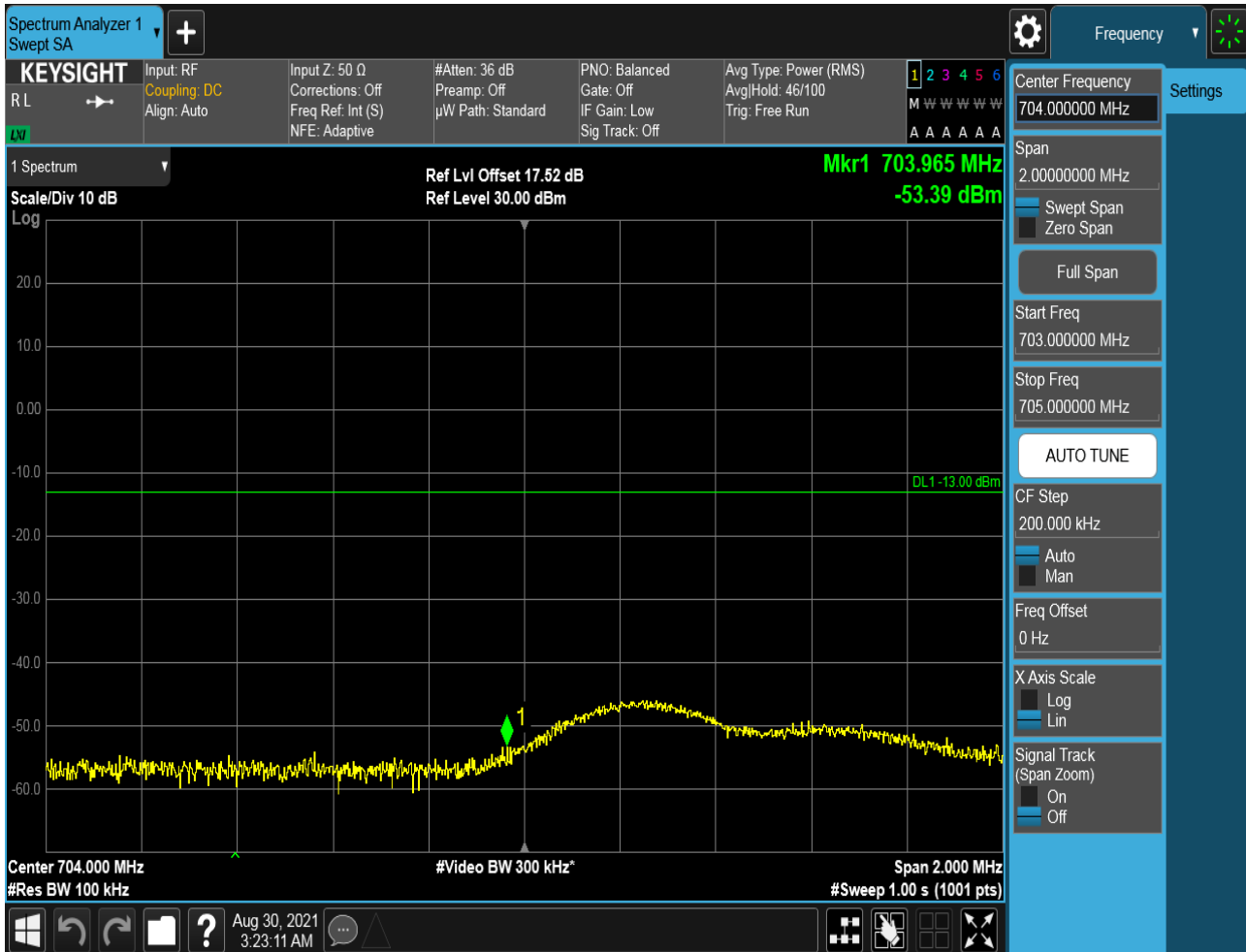
5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

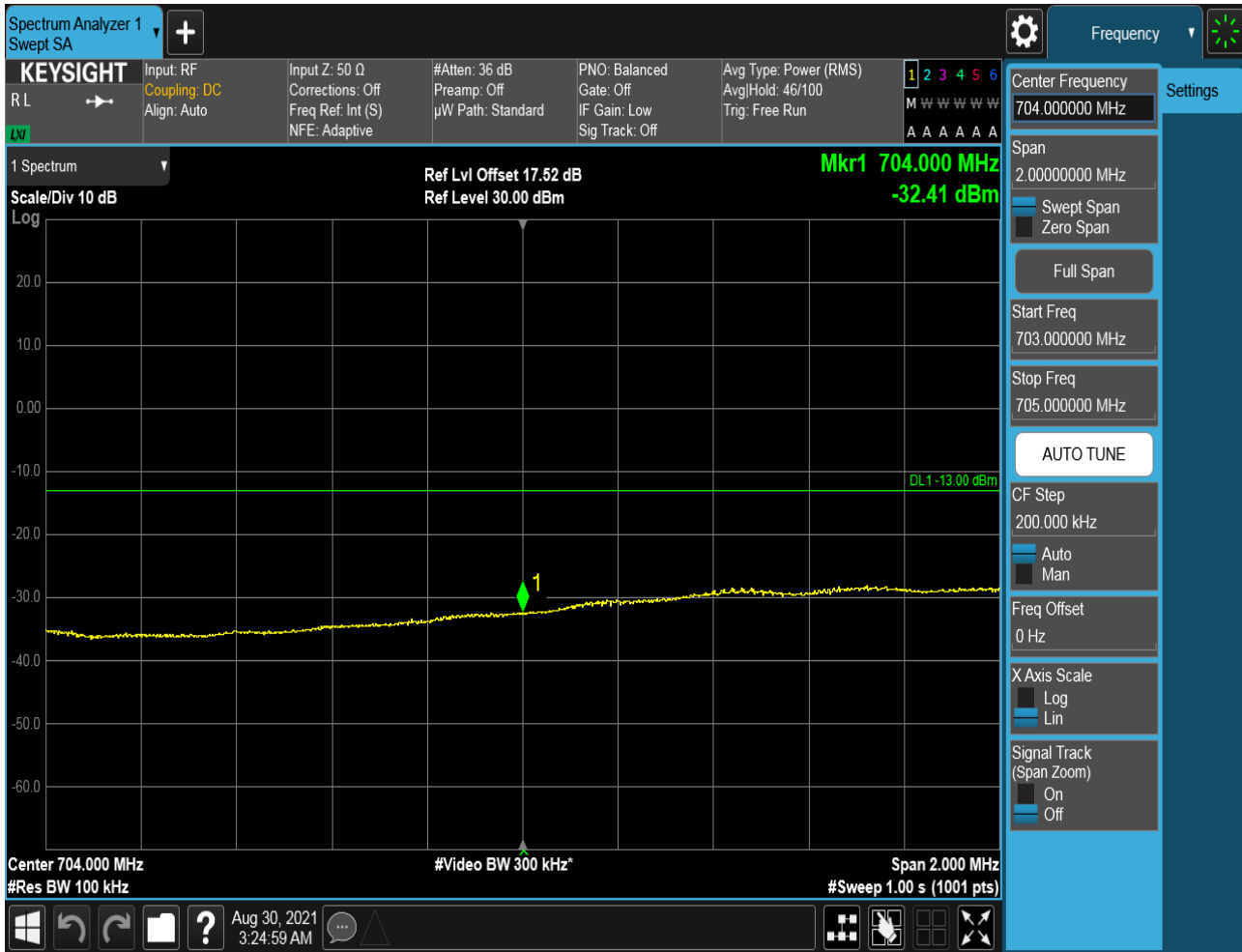
5.1.1.2.2.1.1 Test RB = RB1#0



5.1.1.2.2.1.2 Test RB = RB1#49



5.1.1.2.2.1.3 Test RB = RB25#13

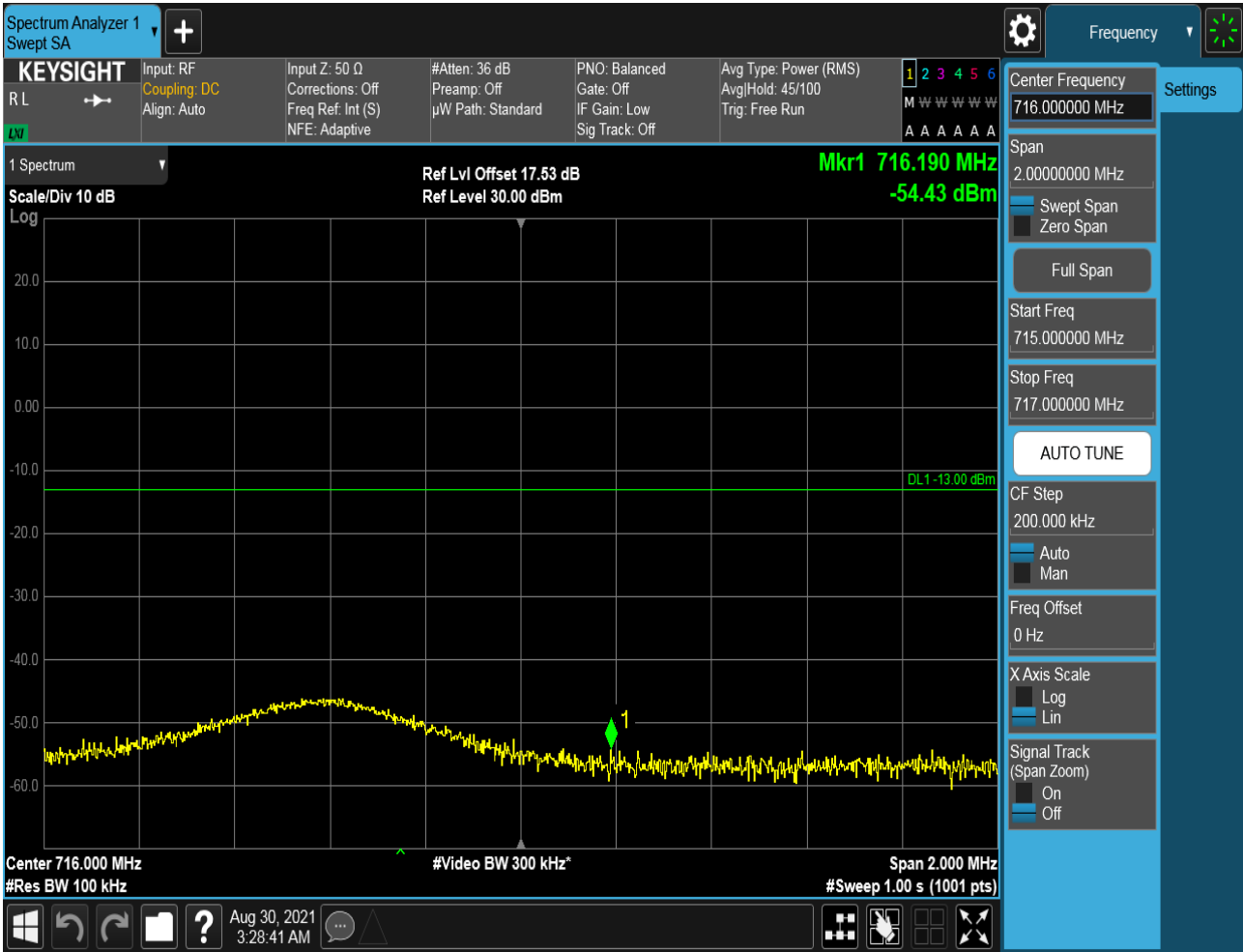


5.1.1.2.2.1.4 Test RB = RB50#0

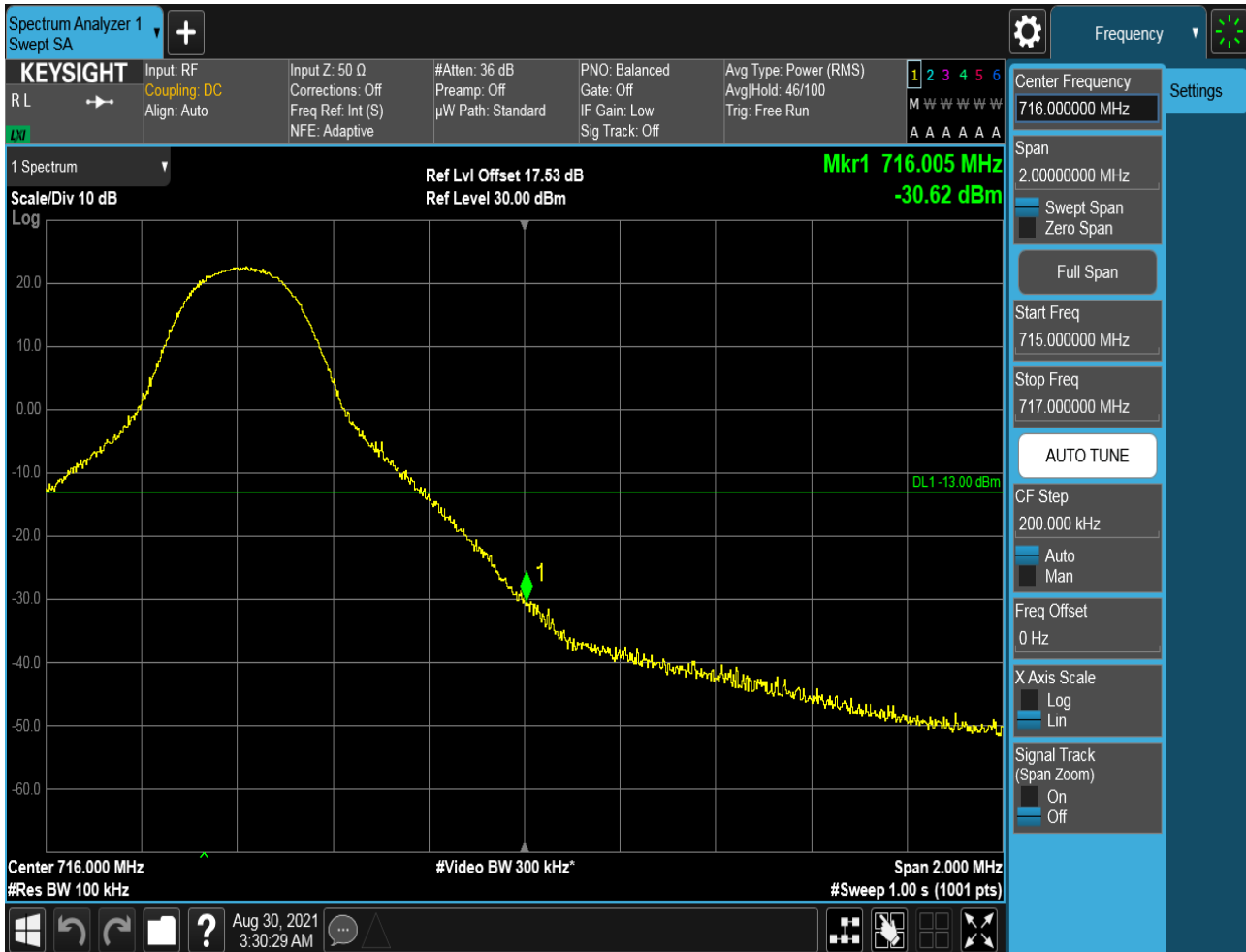


5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#49



5.1.1.2.2.2.3 Test RB = RB25#13



5.1.1.2.2.4 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

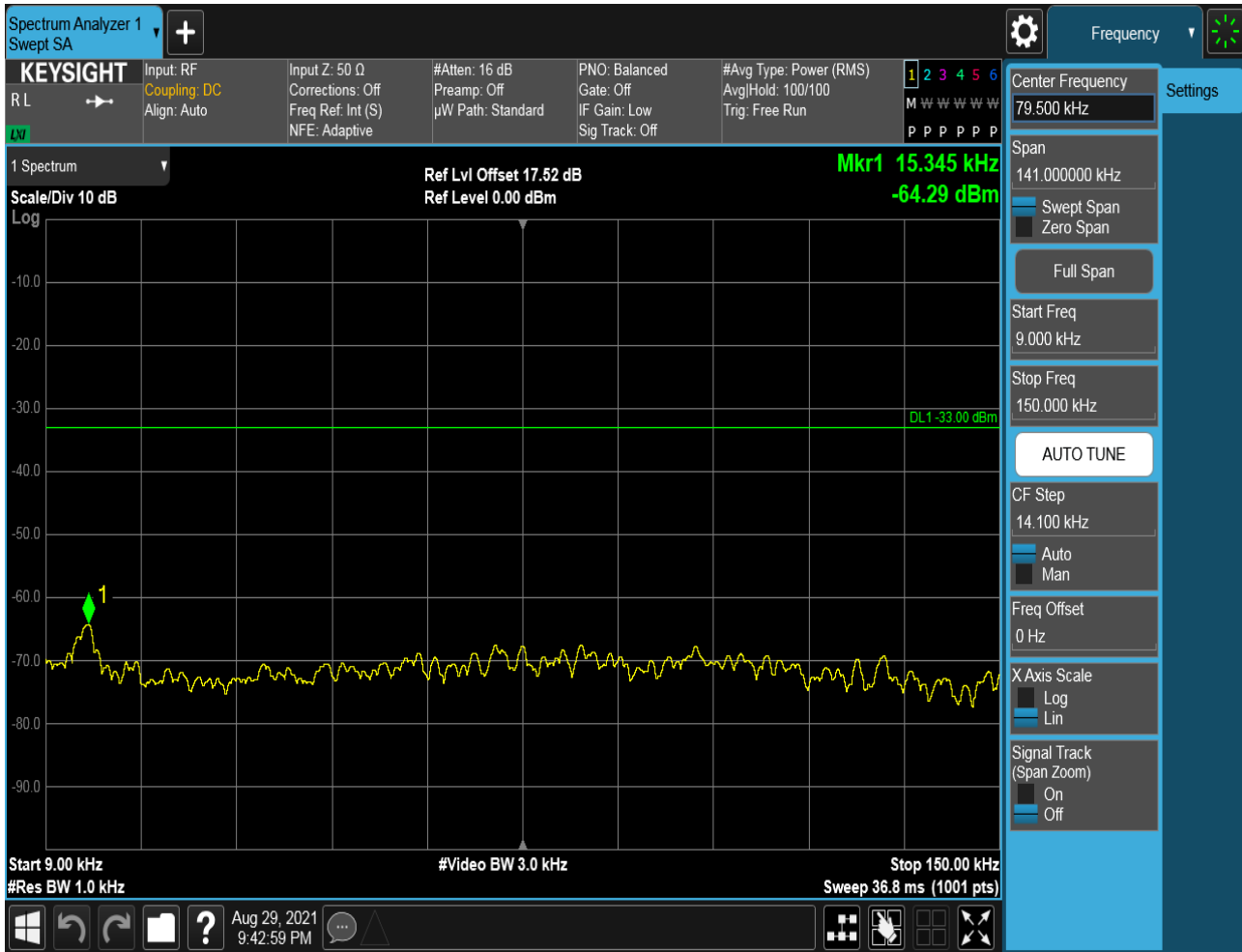
6.1.1 Test Band = Band17

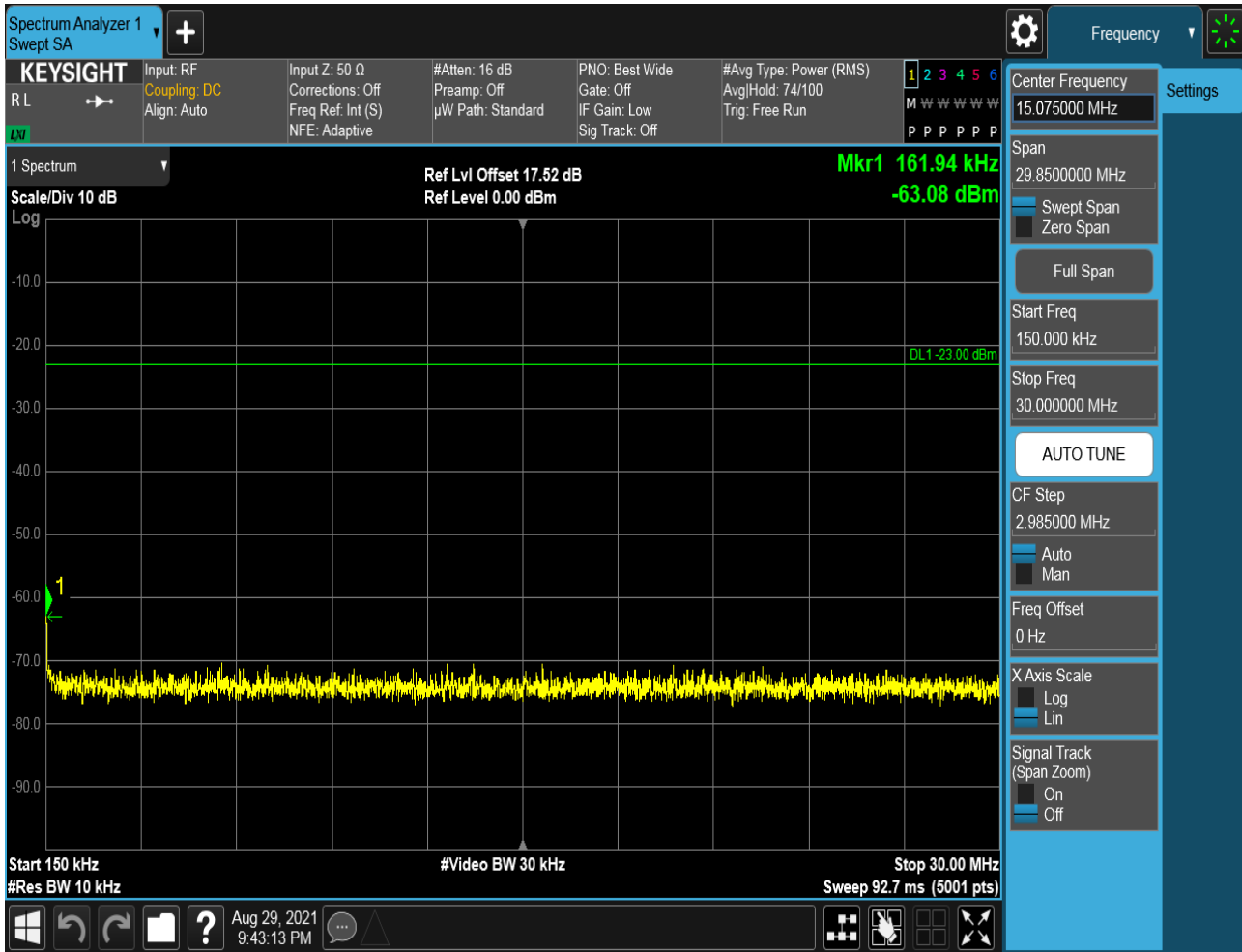
6.1.1.1 Test Mode = LTE/TM1

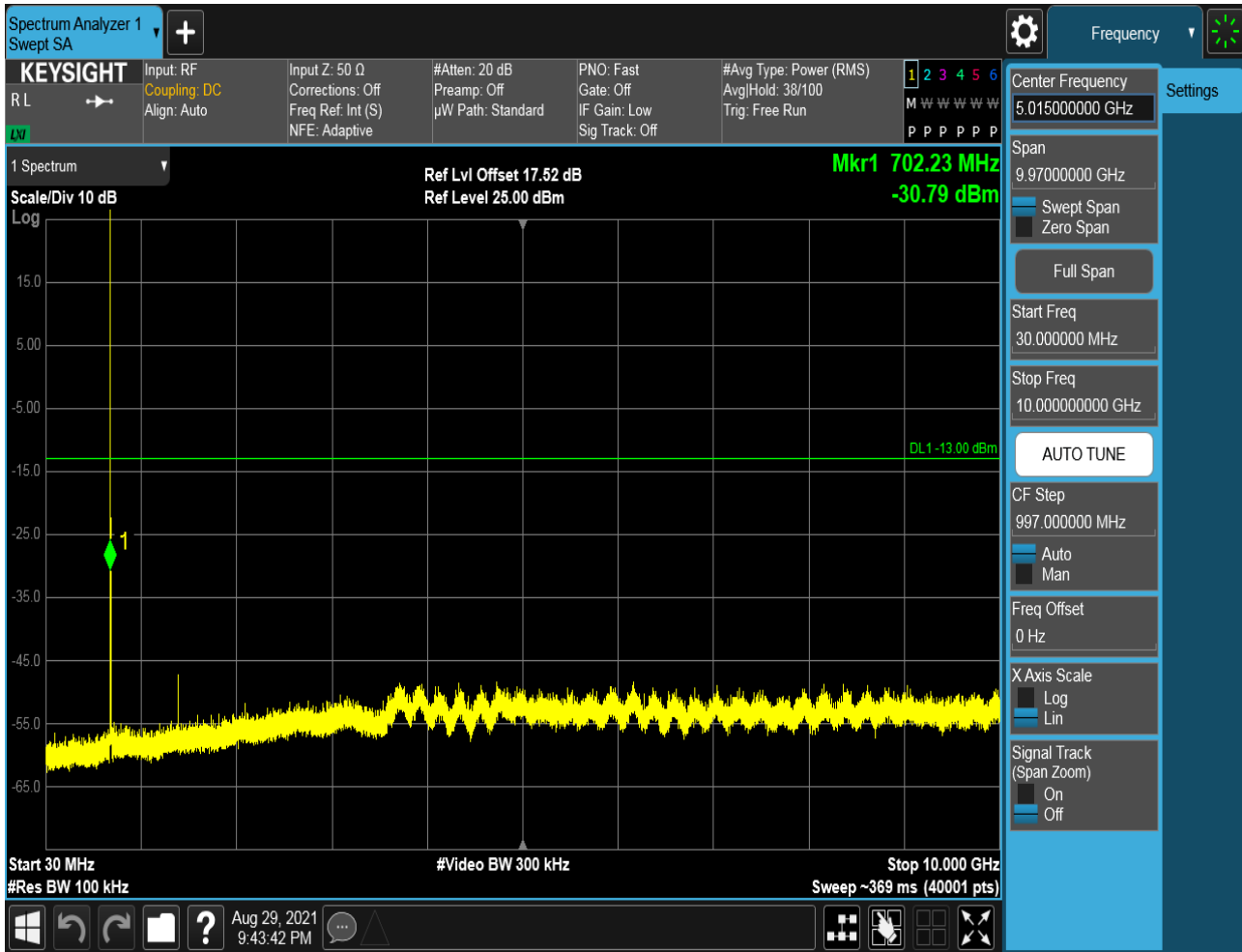
6.2.1.1.1 Test Bandwidth = 5

6.2.1.1.1.1 Test Channel = LCH

6.2.1.1.1.1.1 Test RB = RB1#0

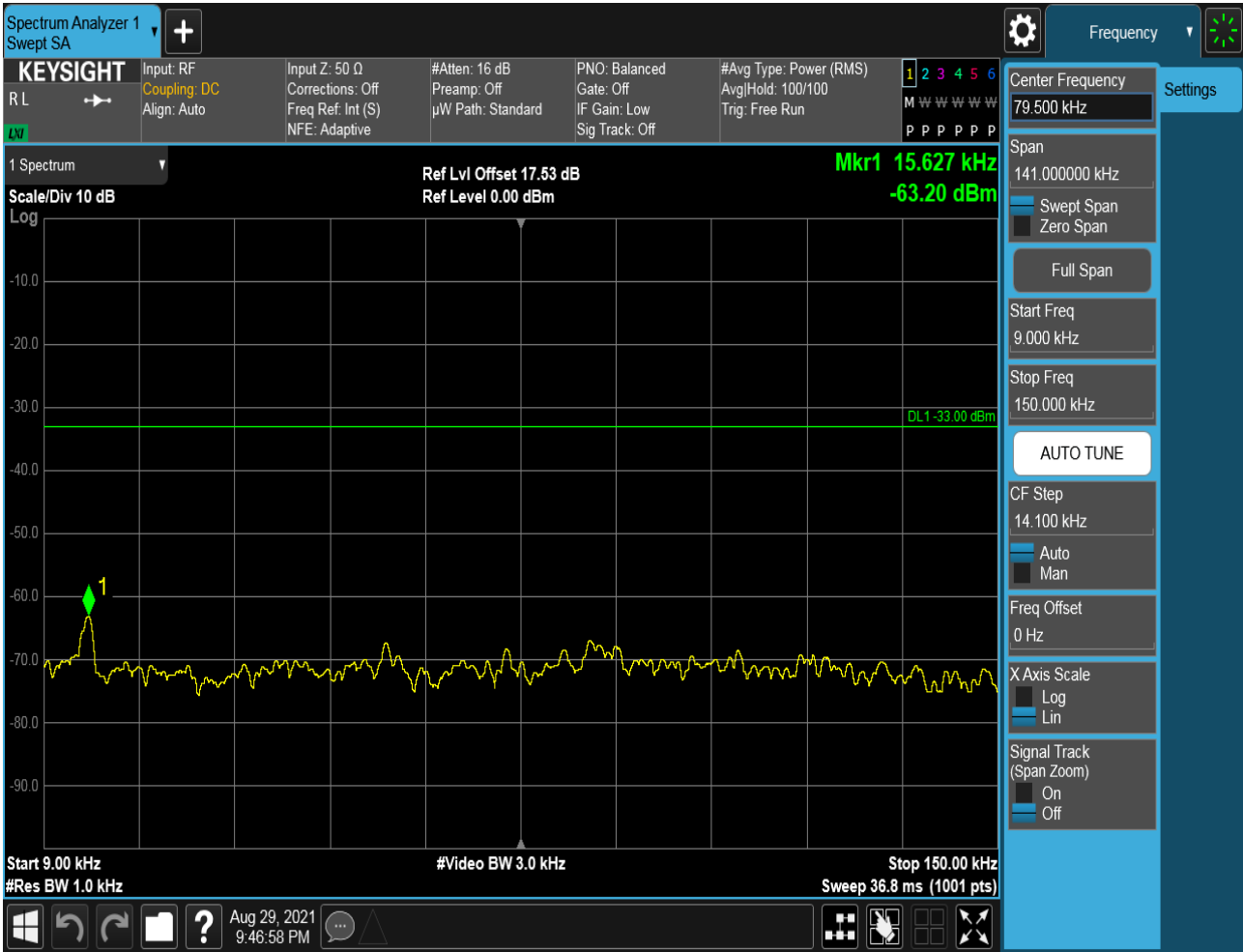


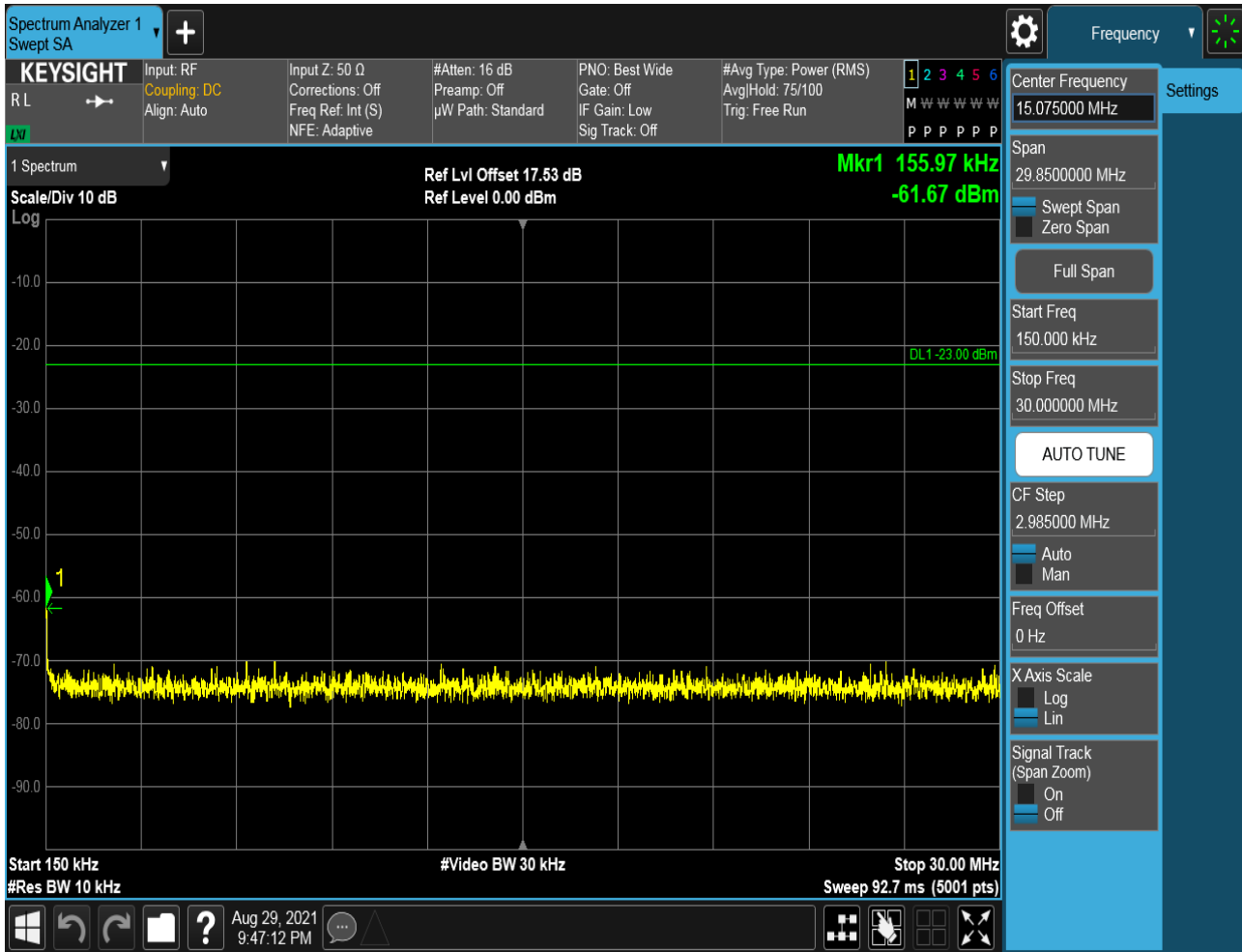


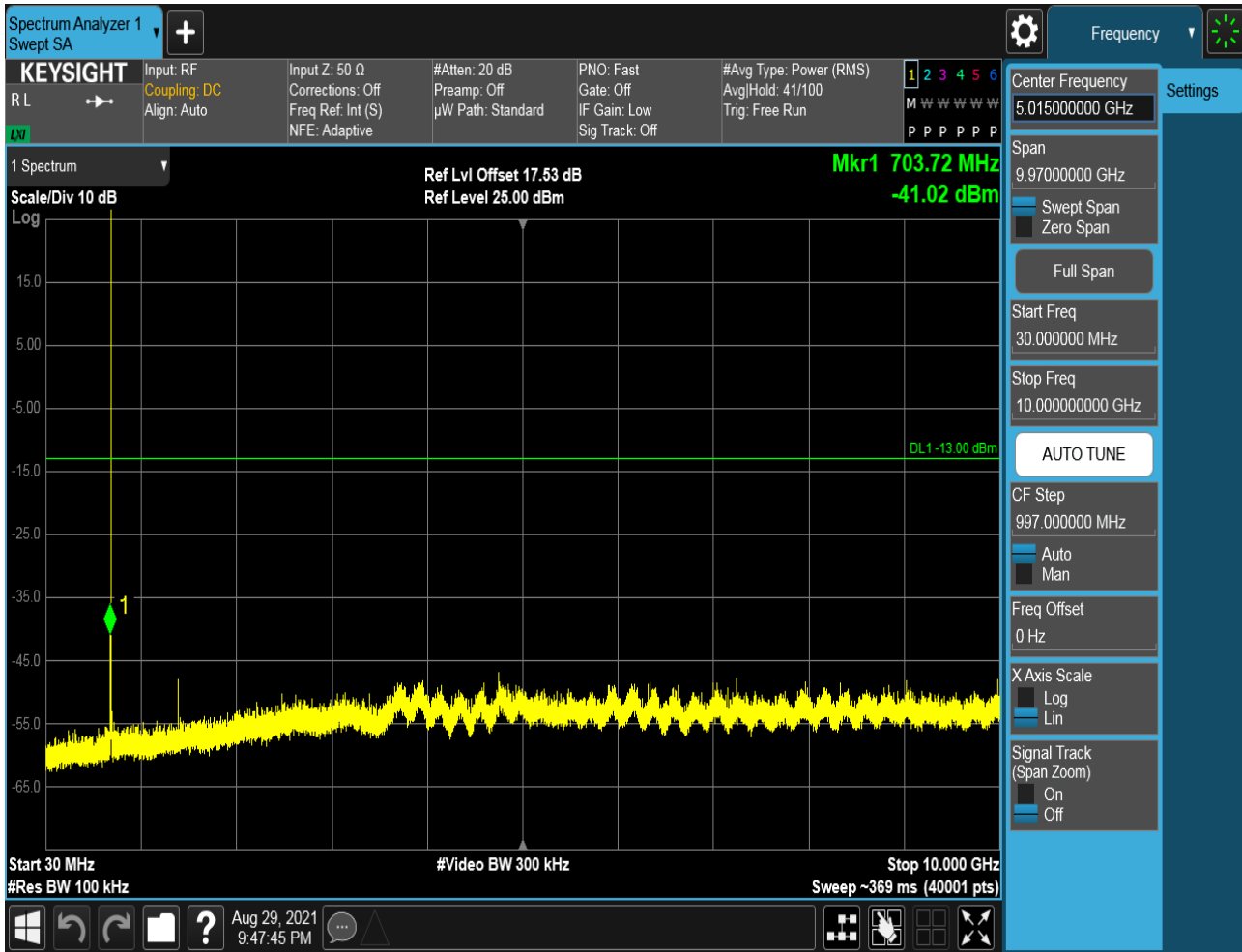


6.2.1.1.1.2 Test Channel = MCH

6.2.1.1.1.2.1 Test RB = RB1#0

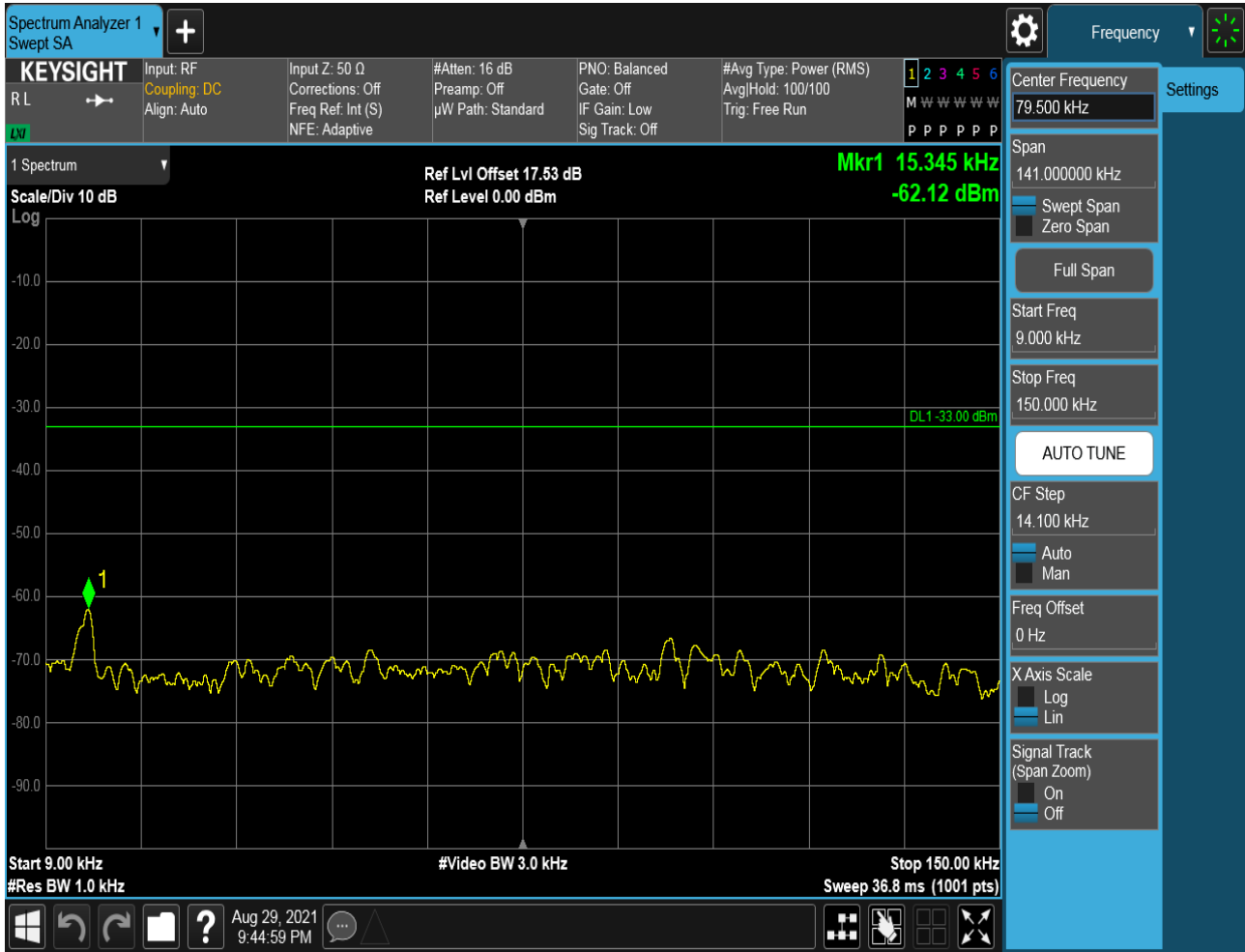


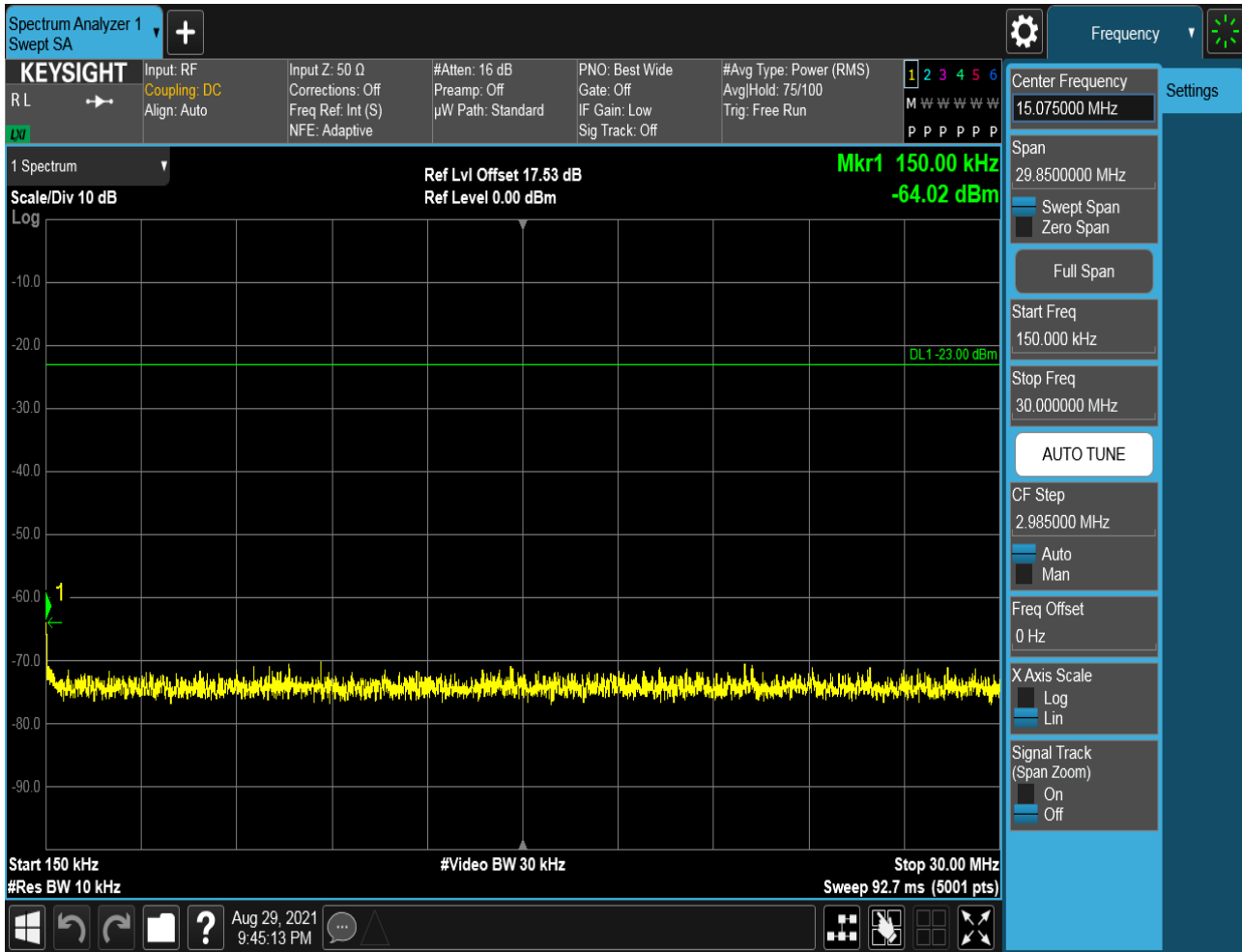


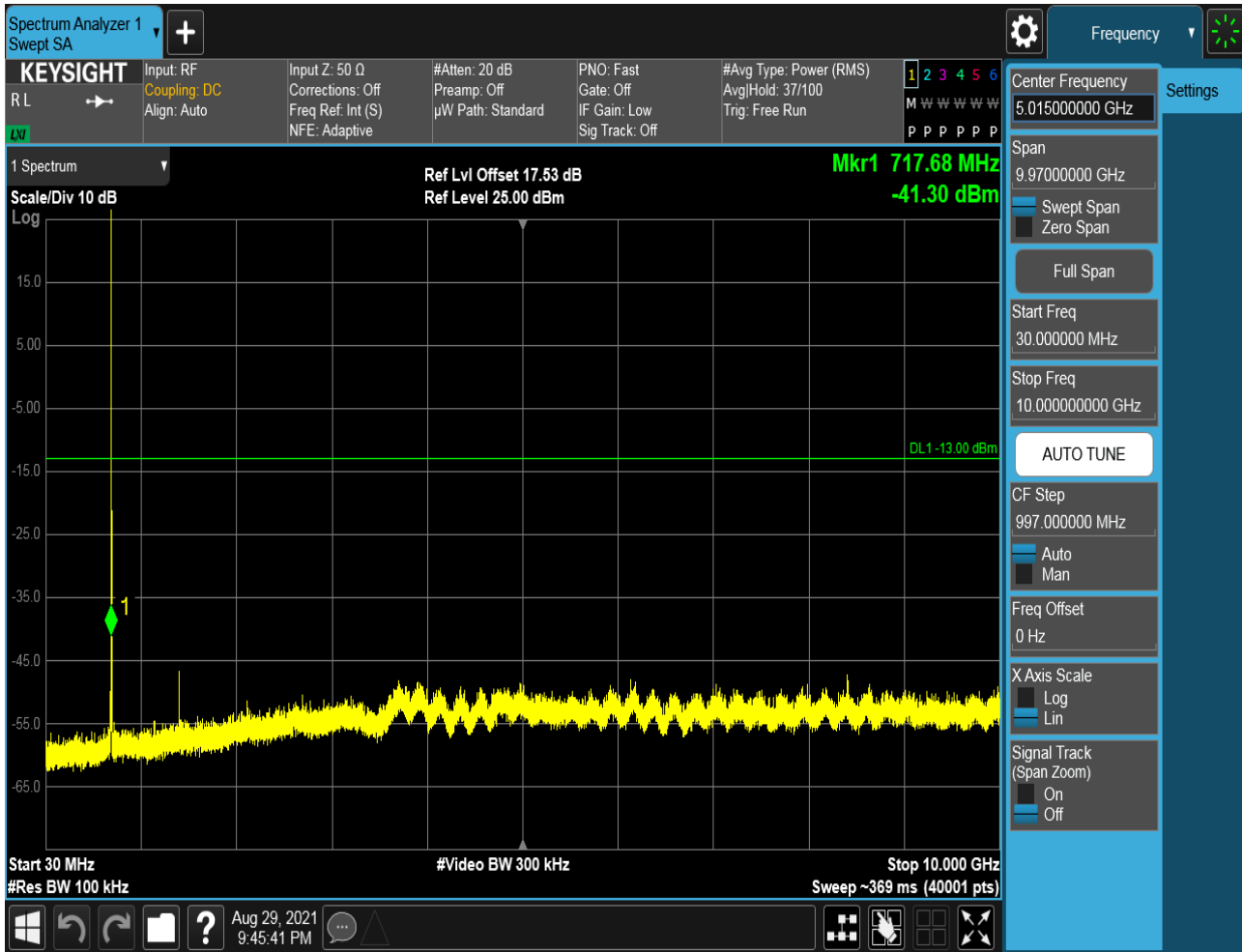


6.2.1.1.1.3 Test Channel = HCH

6.2.1.1.1.3.1 Test RB = RB1#0



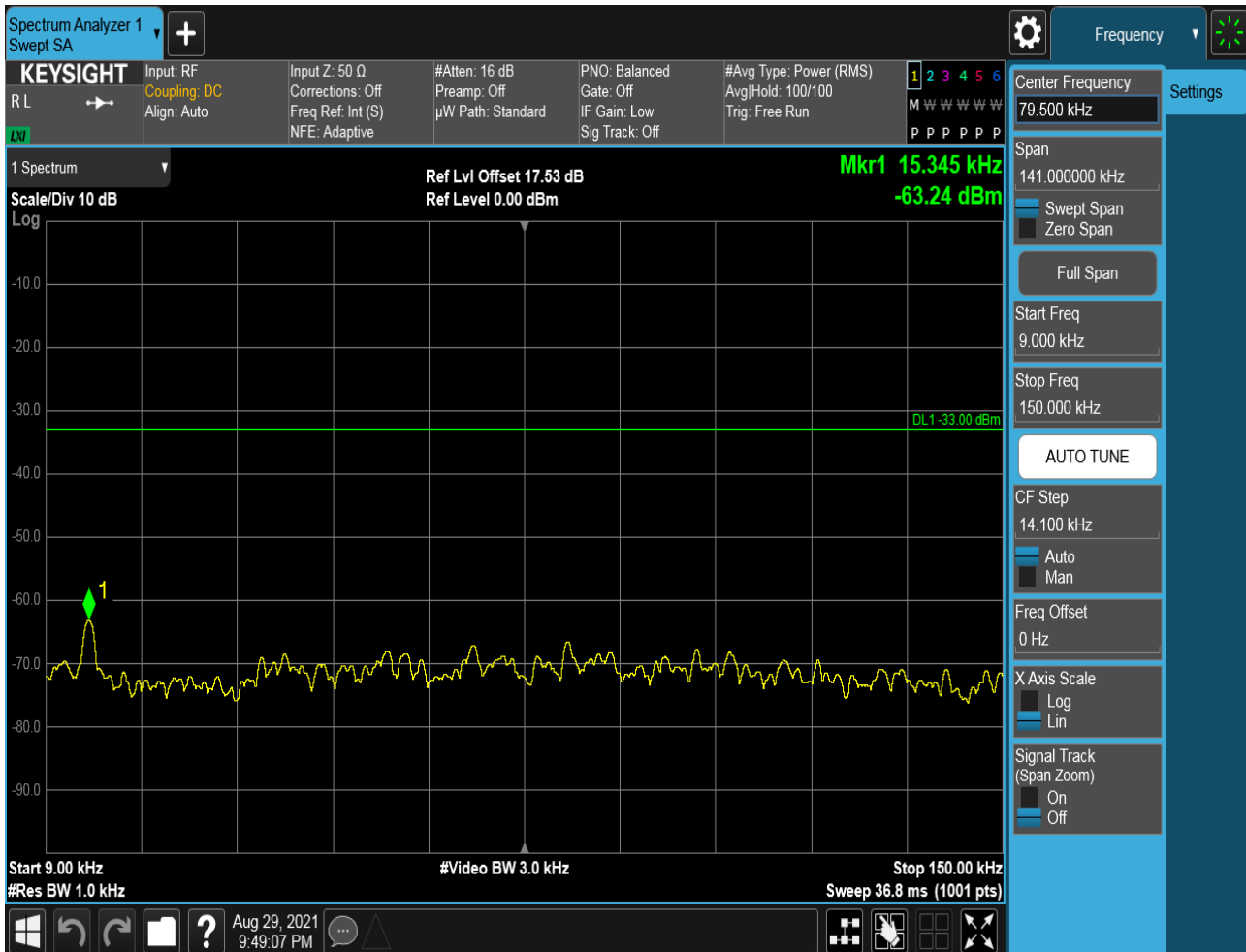


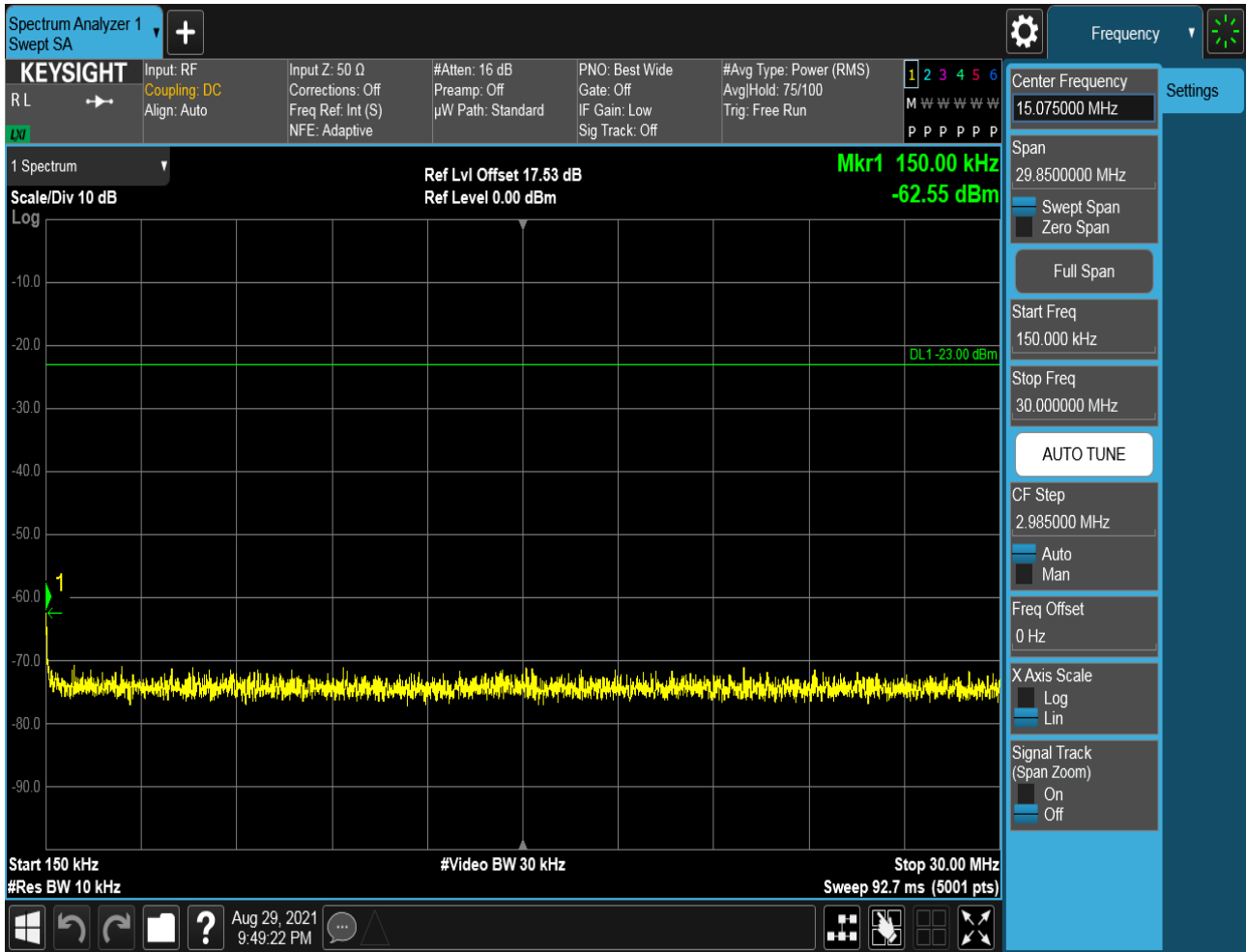


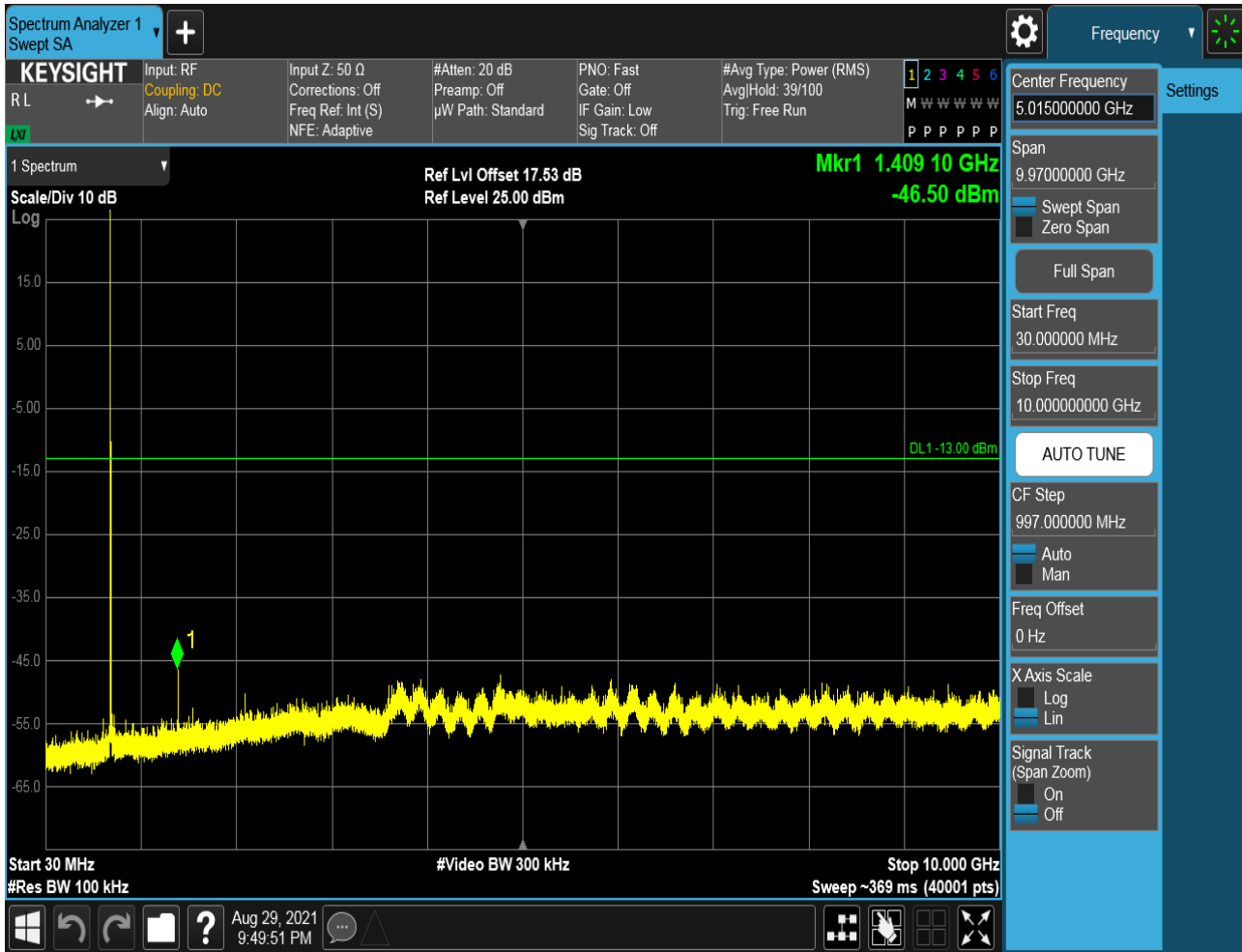
6.2.1.1.2 Test Bandwidth = 10

6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0

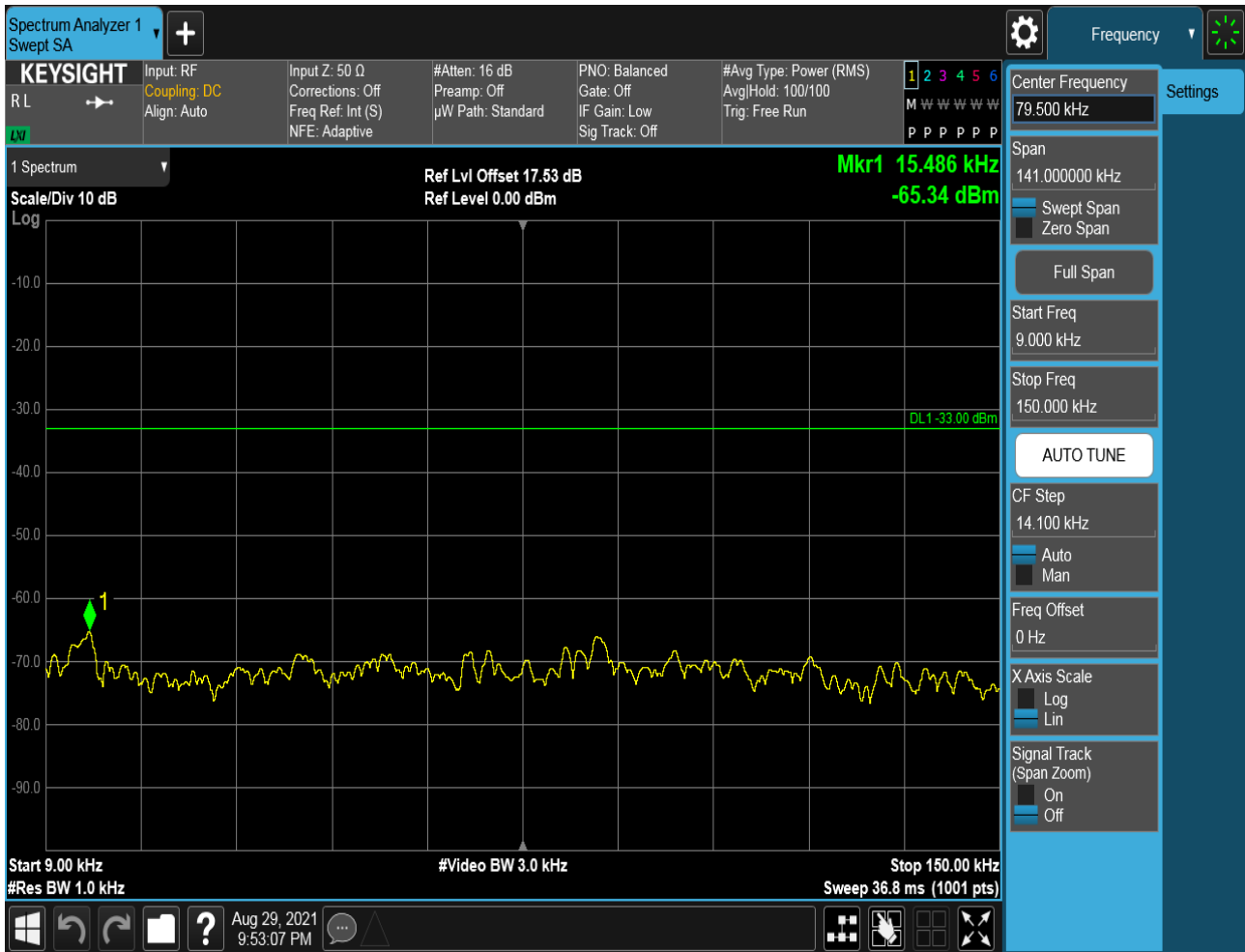


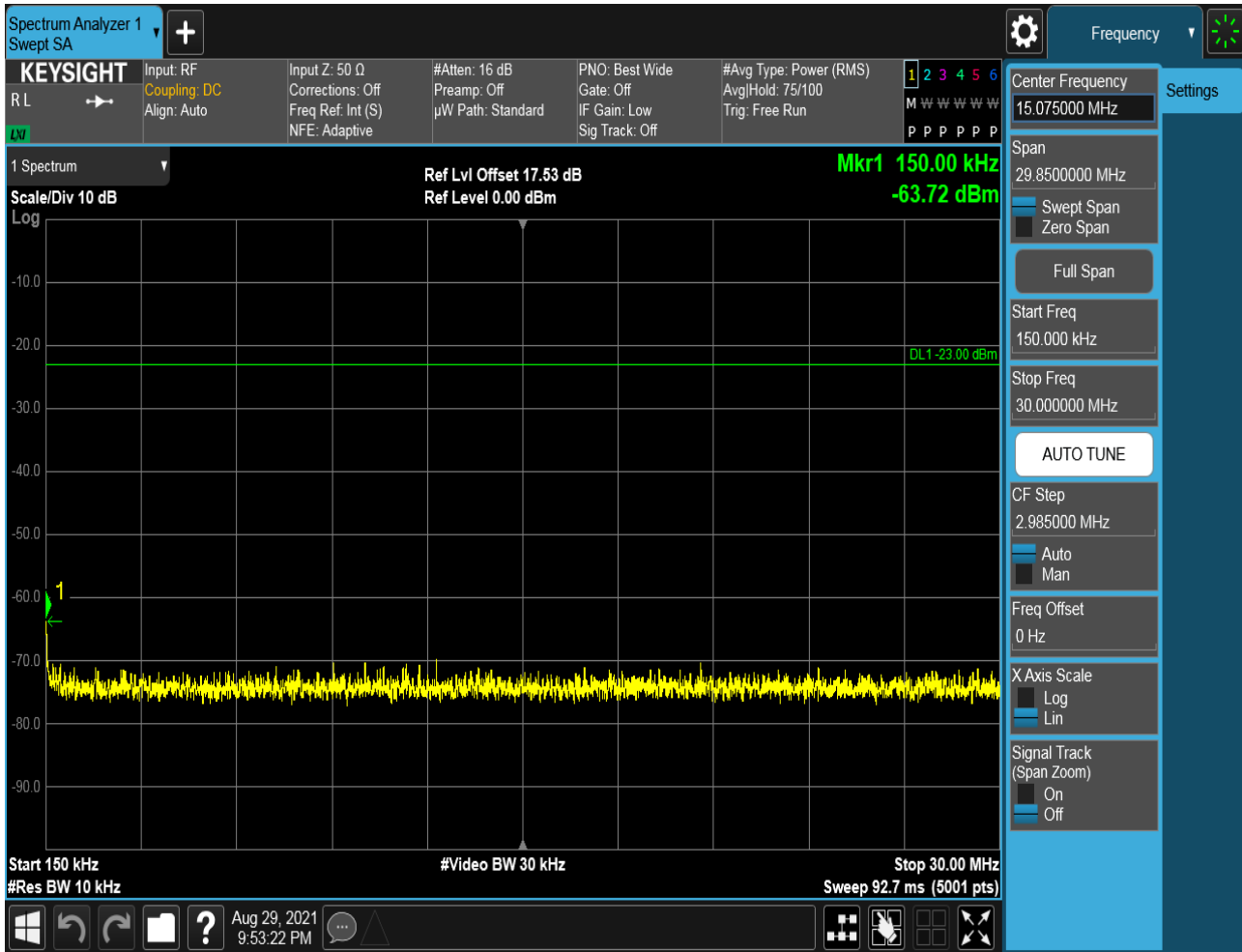


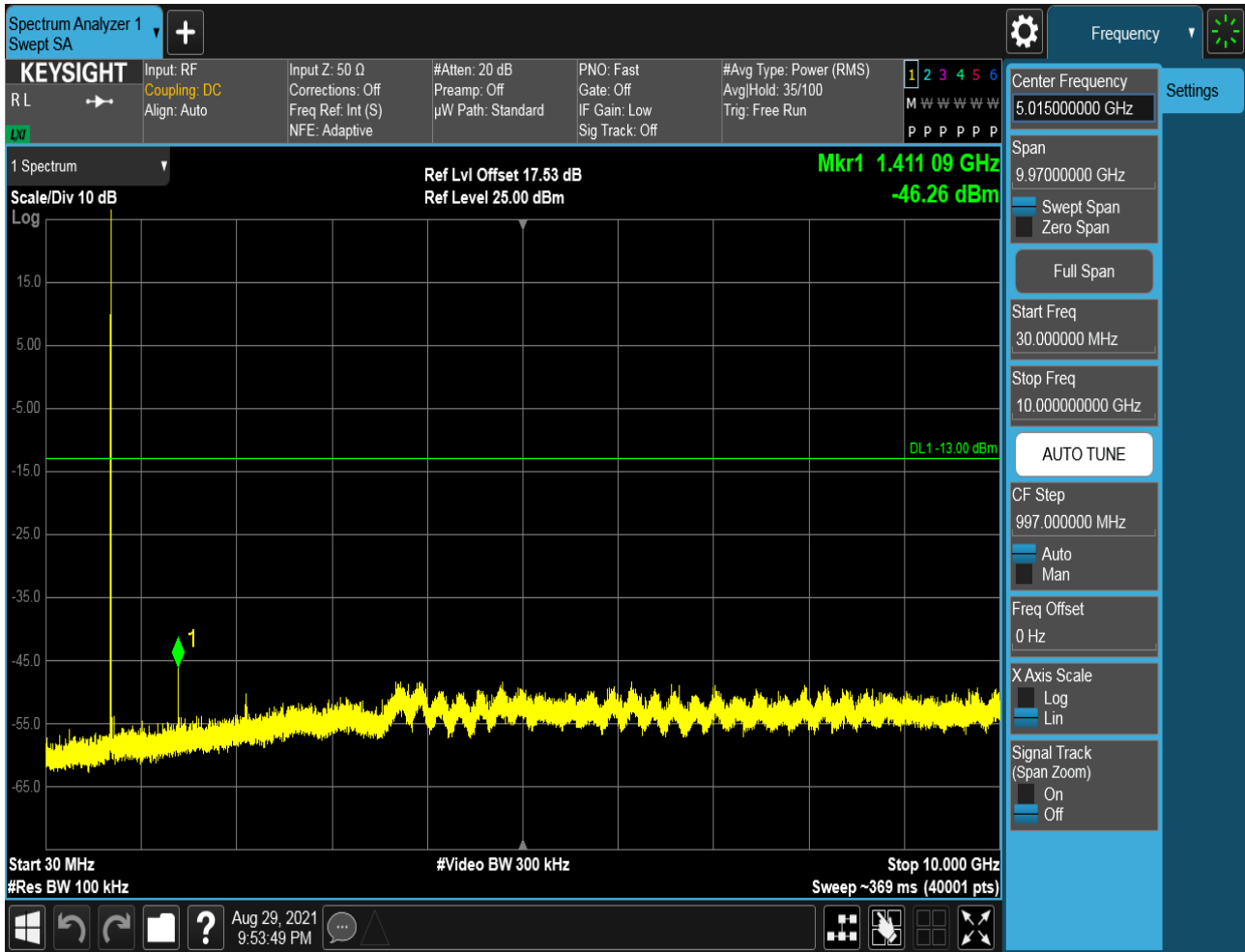


6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0

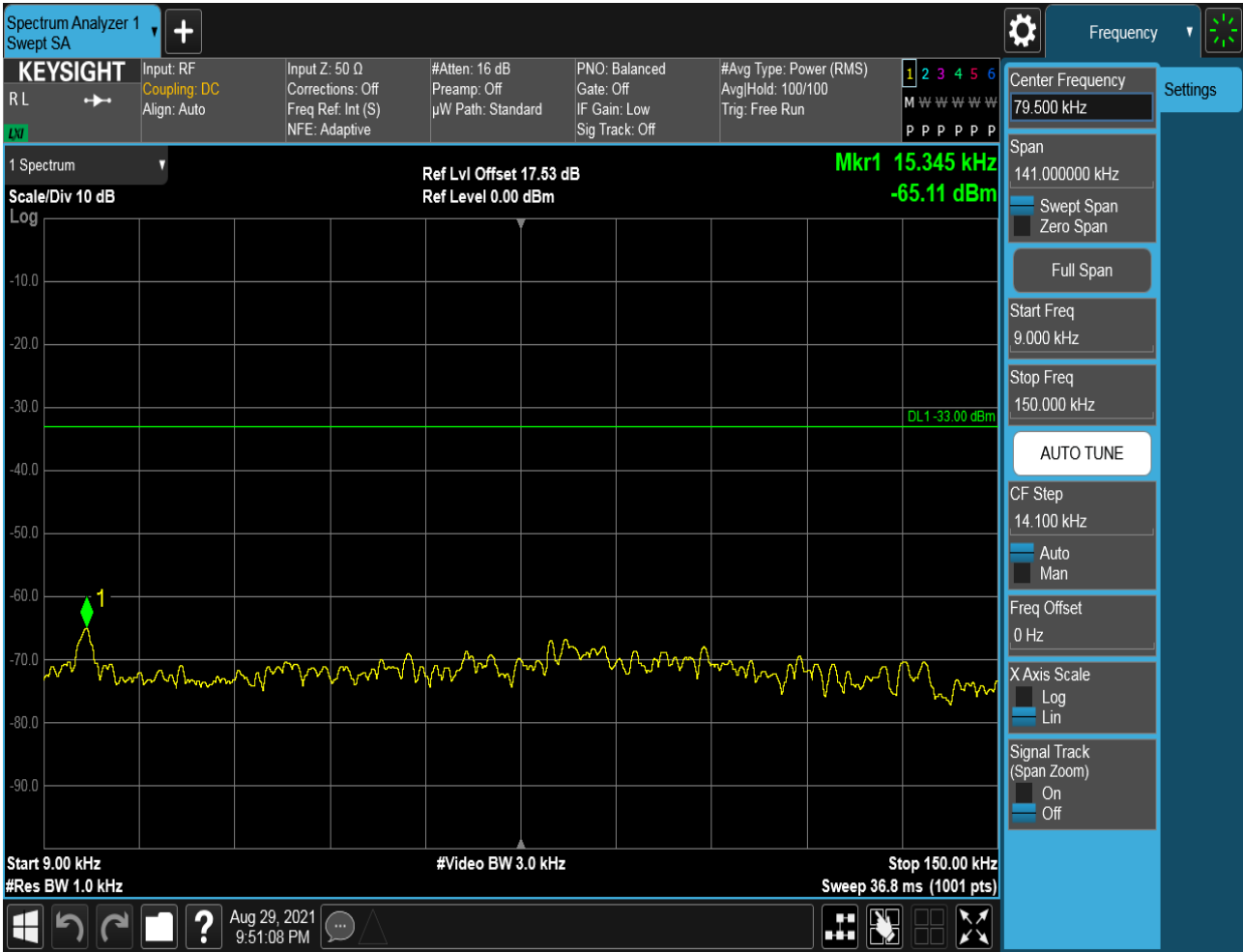


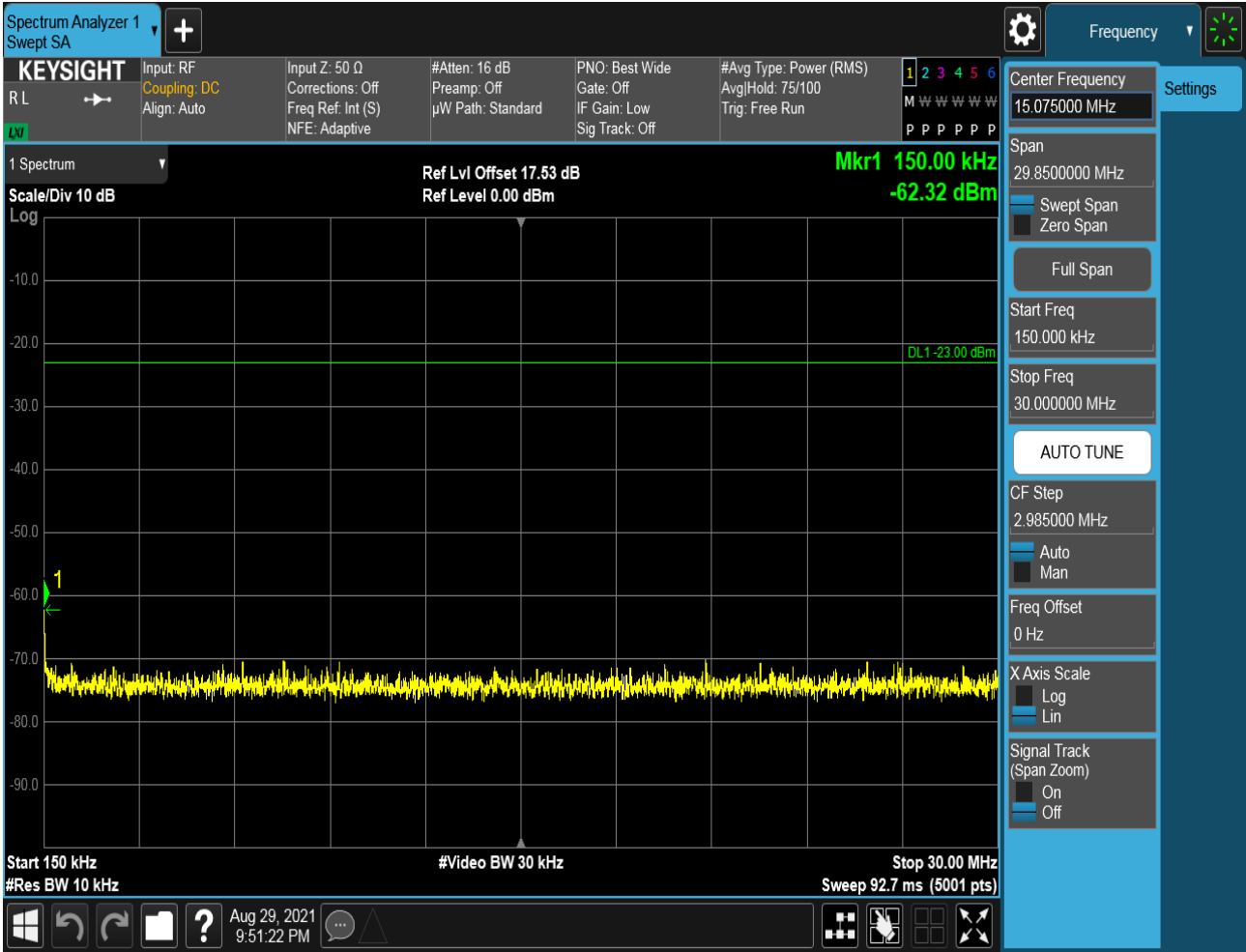


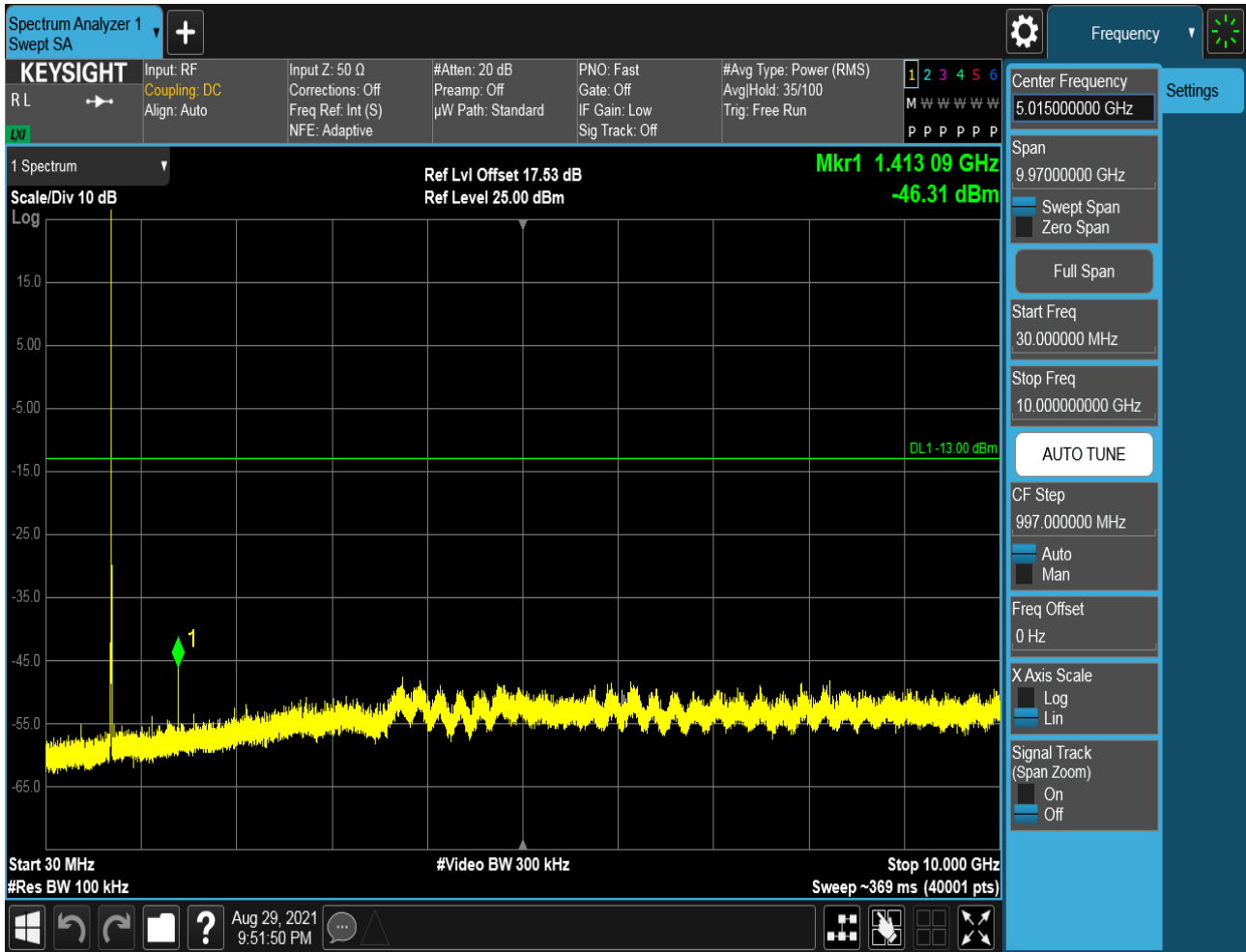


6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0





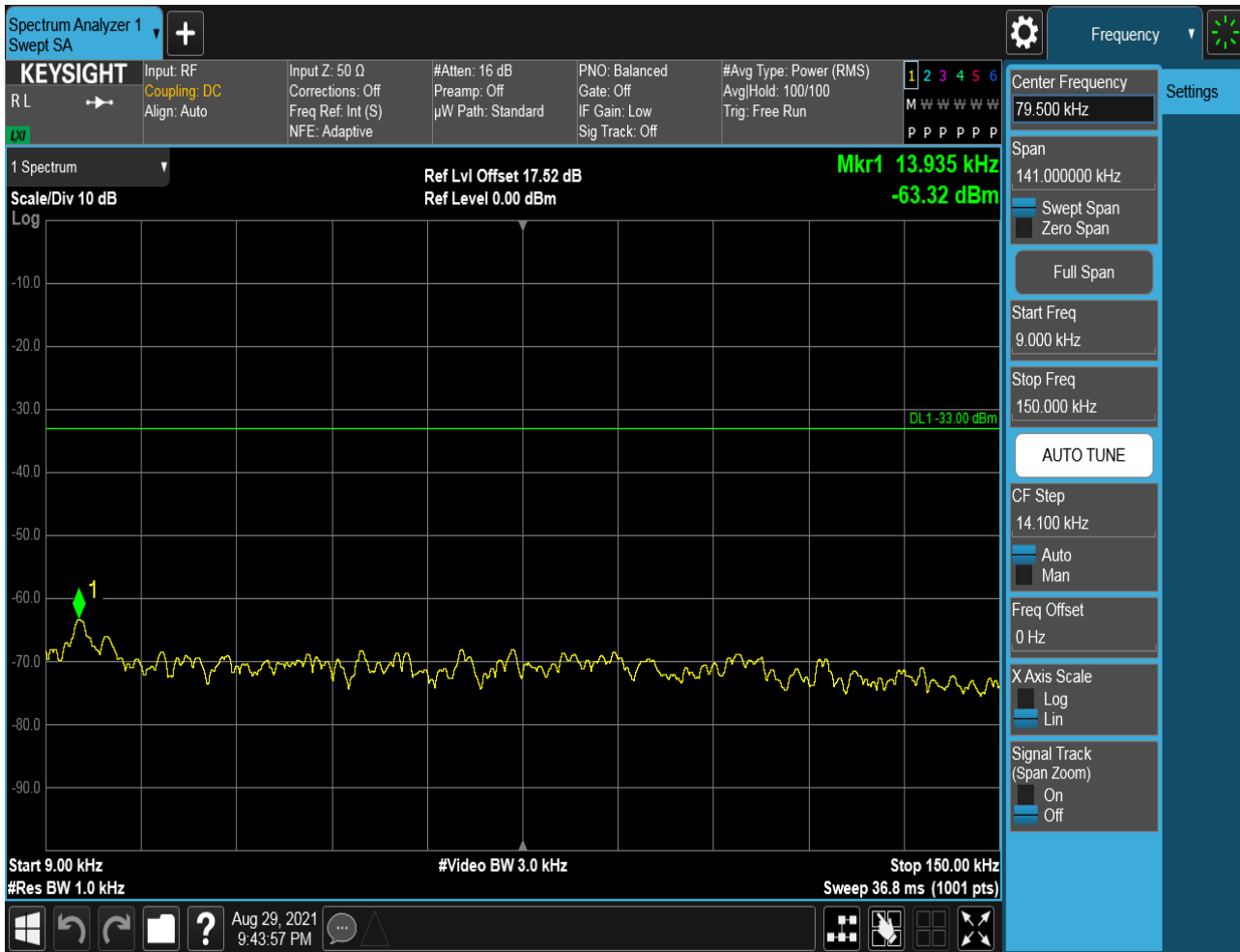


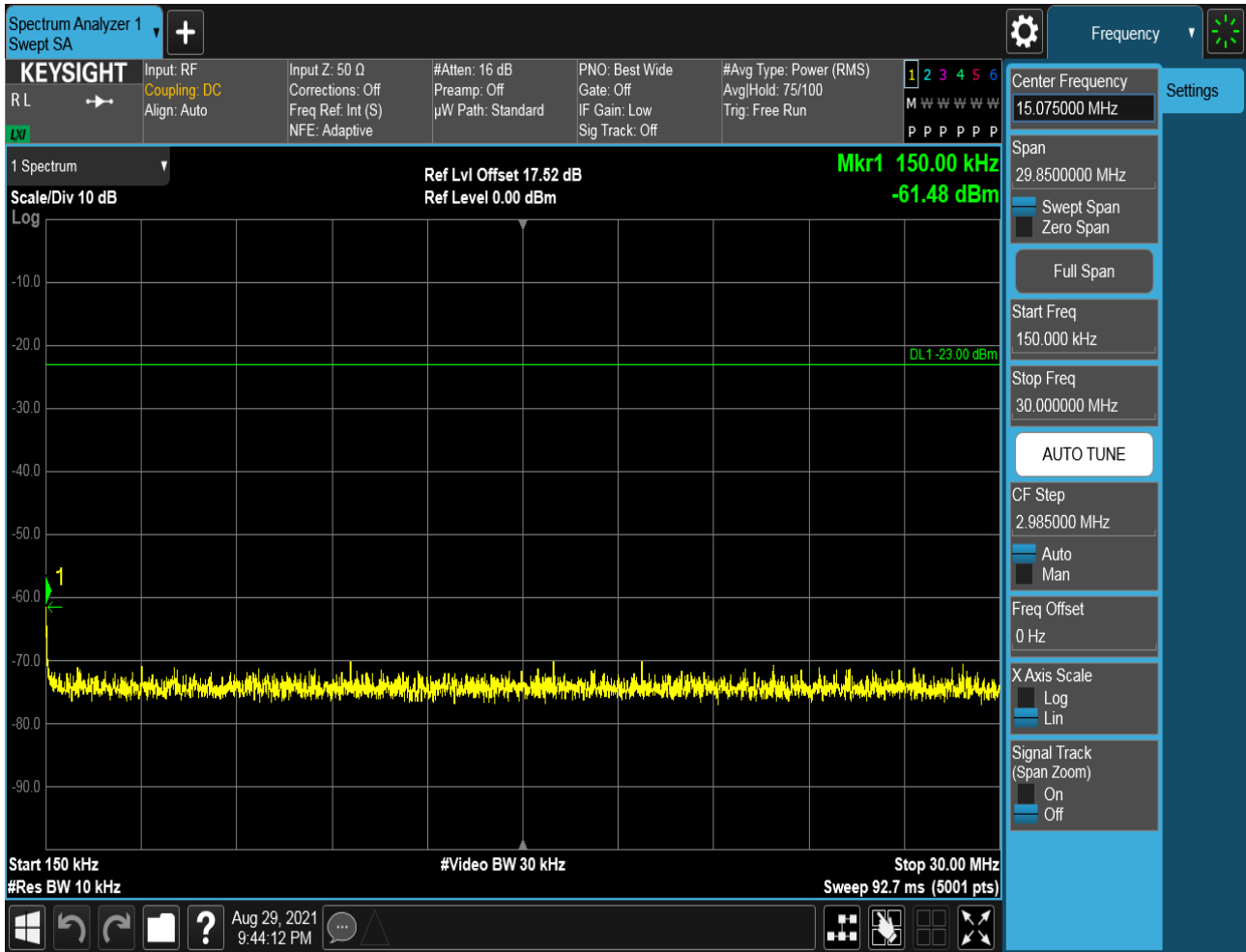
6.2.1.2 Test Mode = LTE/TM2

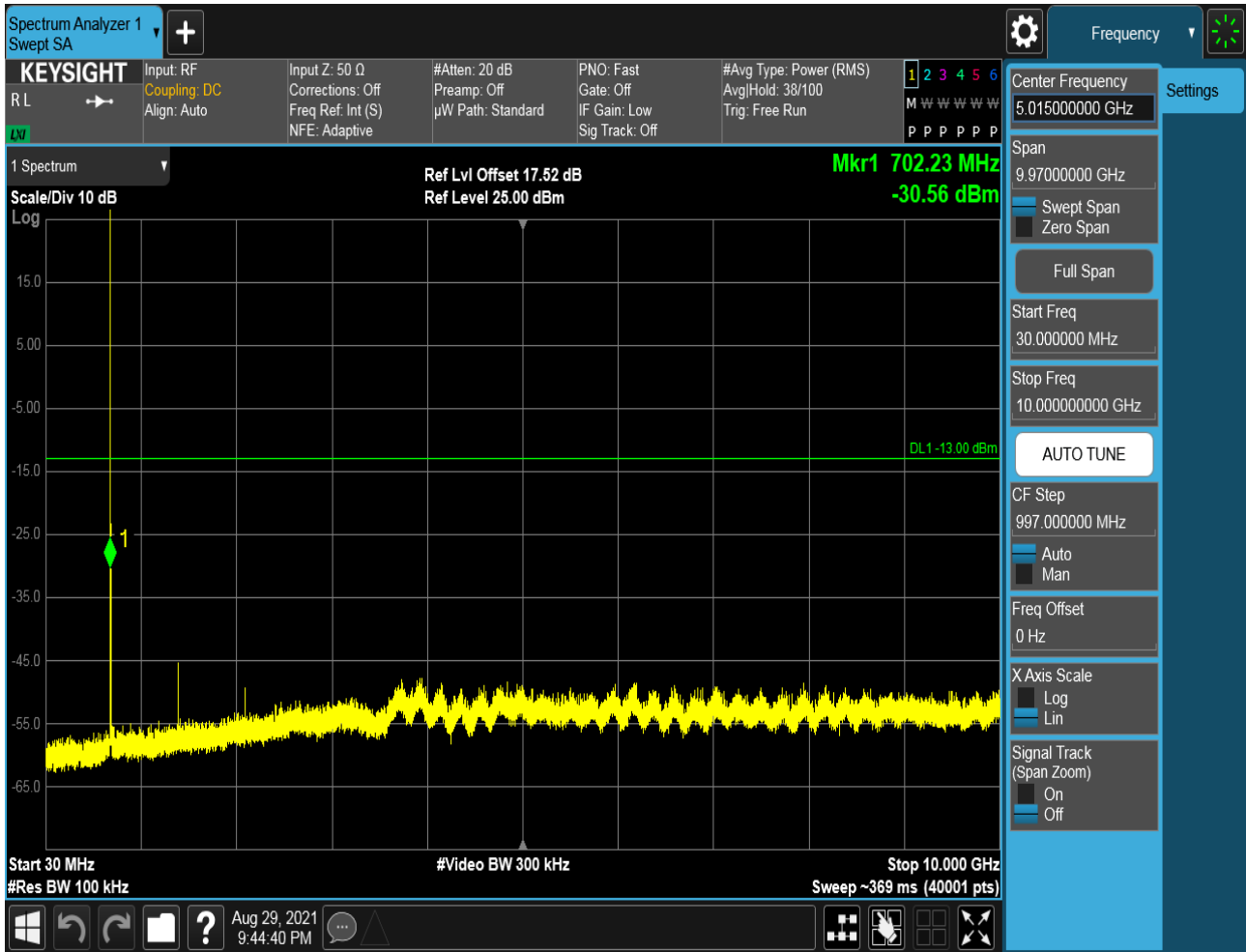
6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0

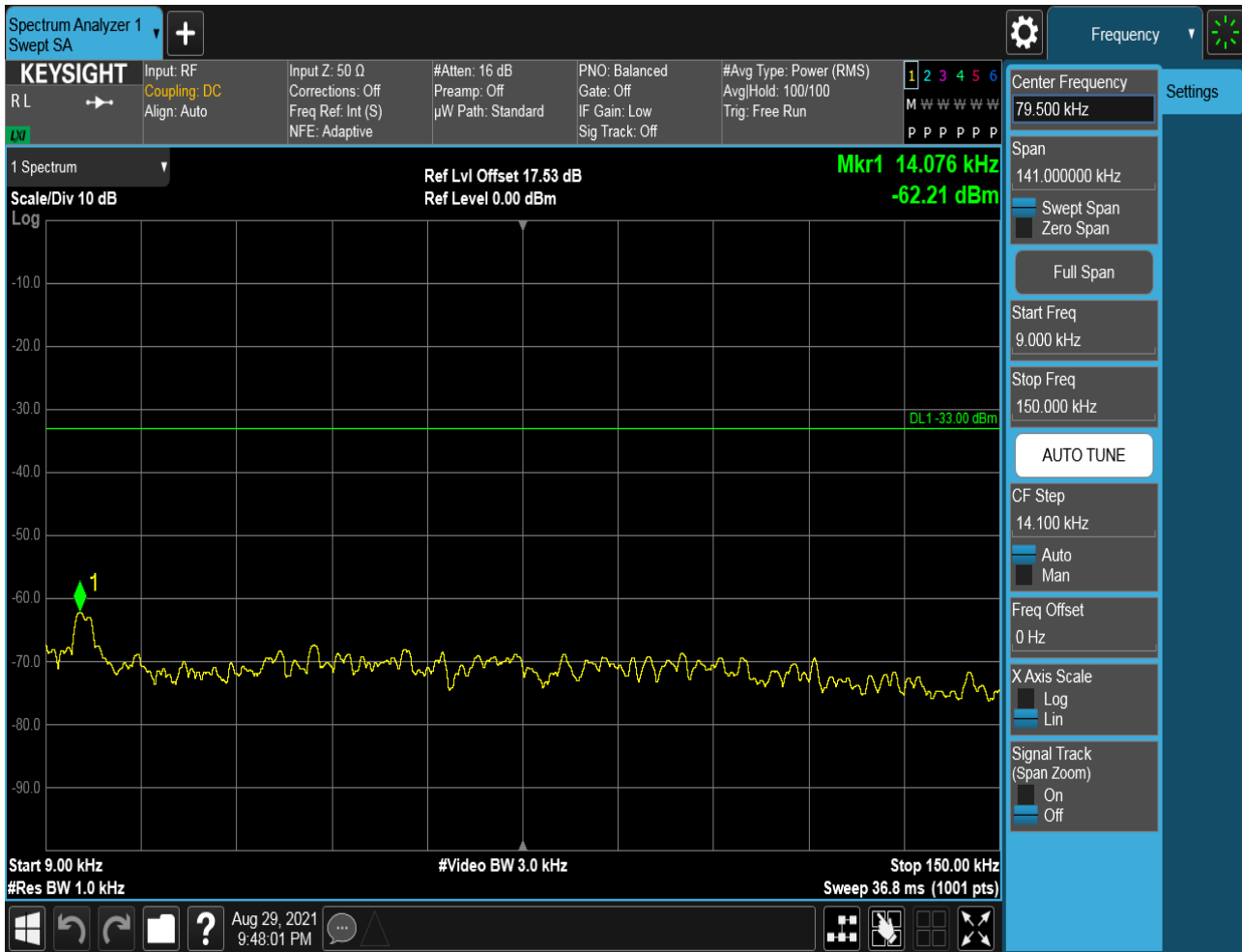


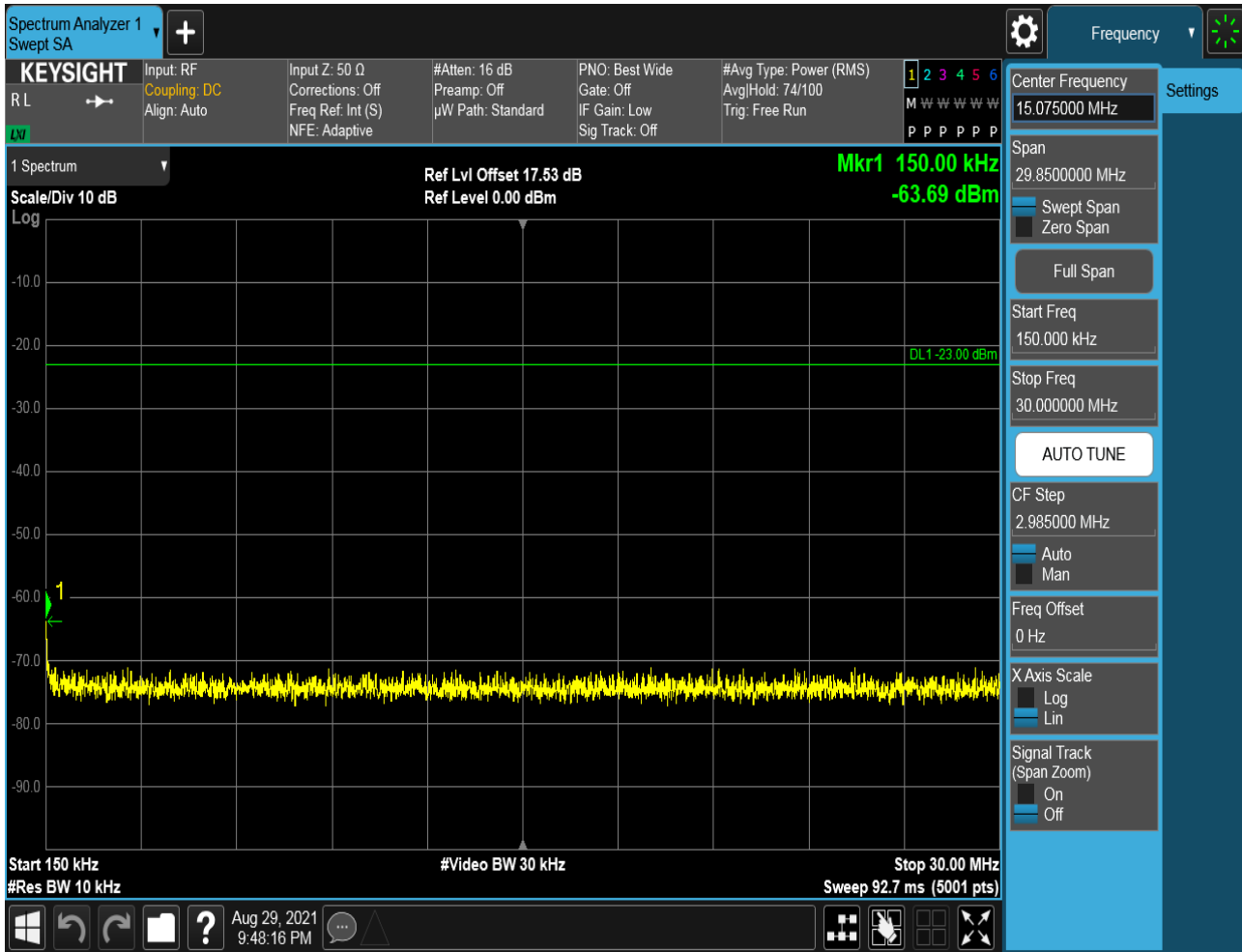


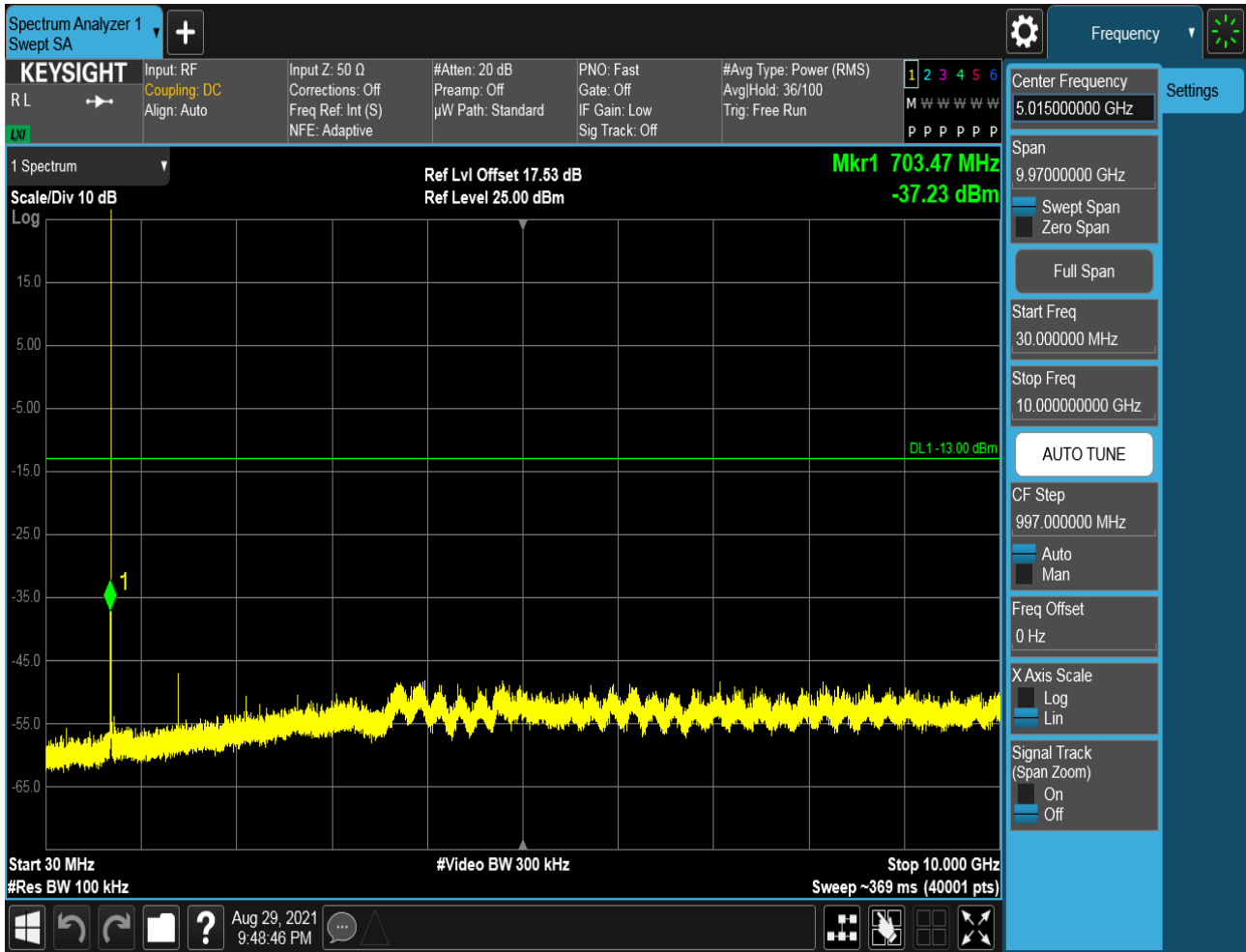


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0

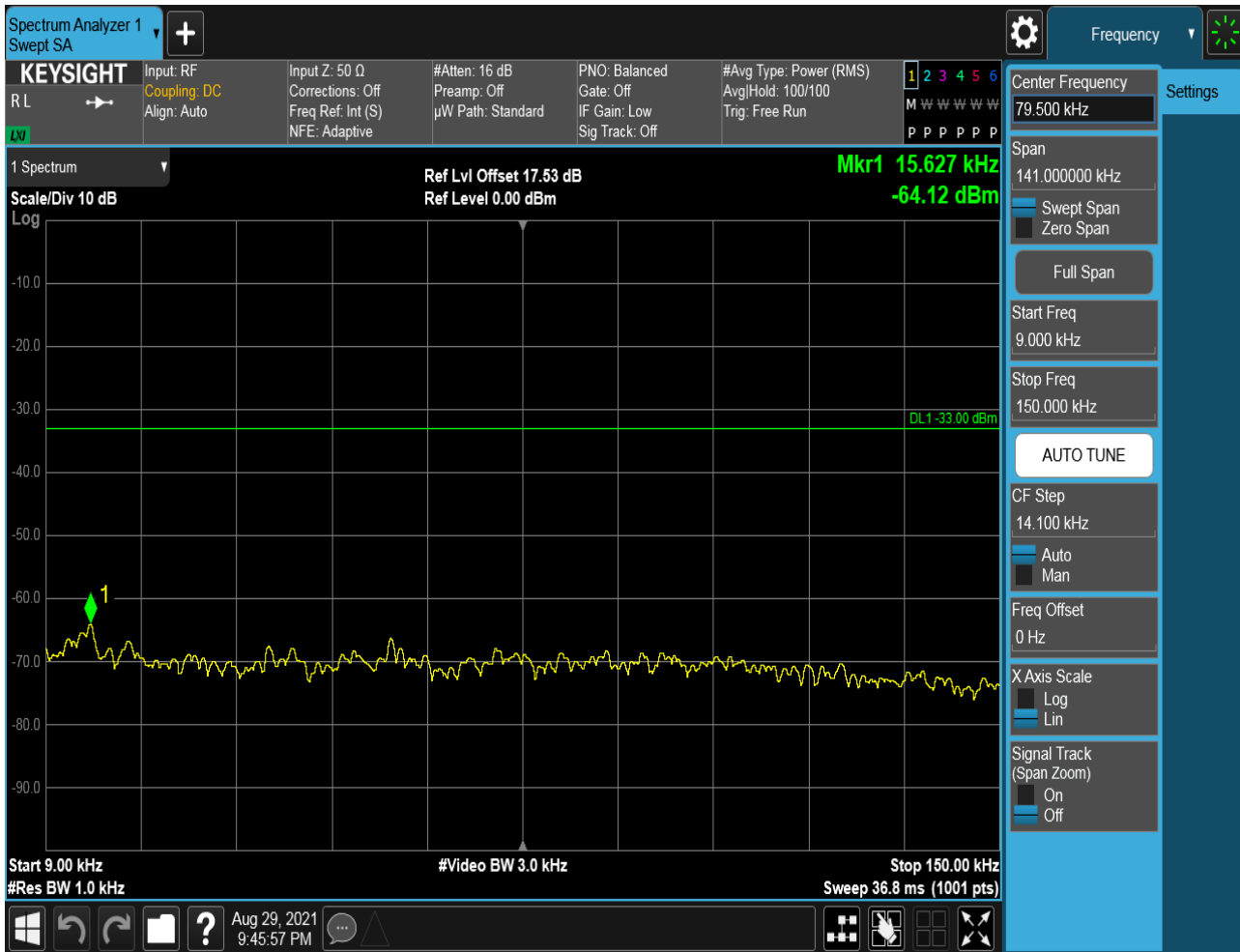


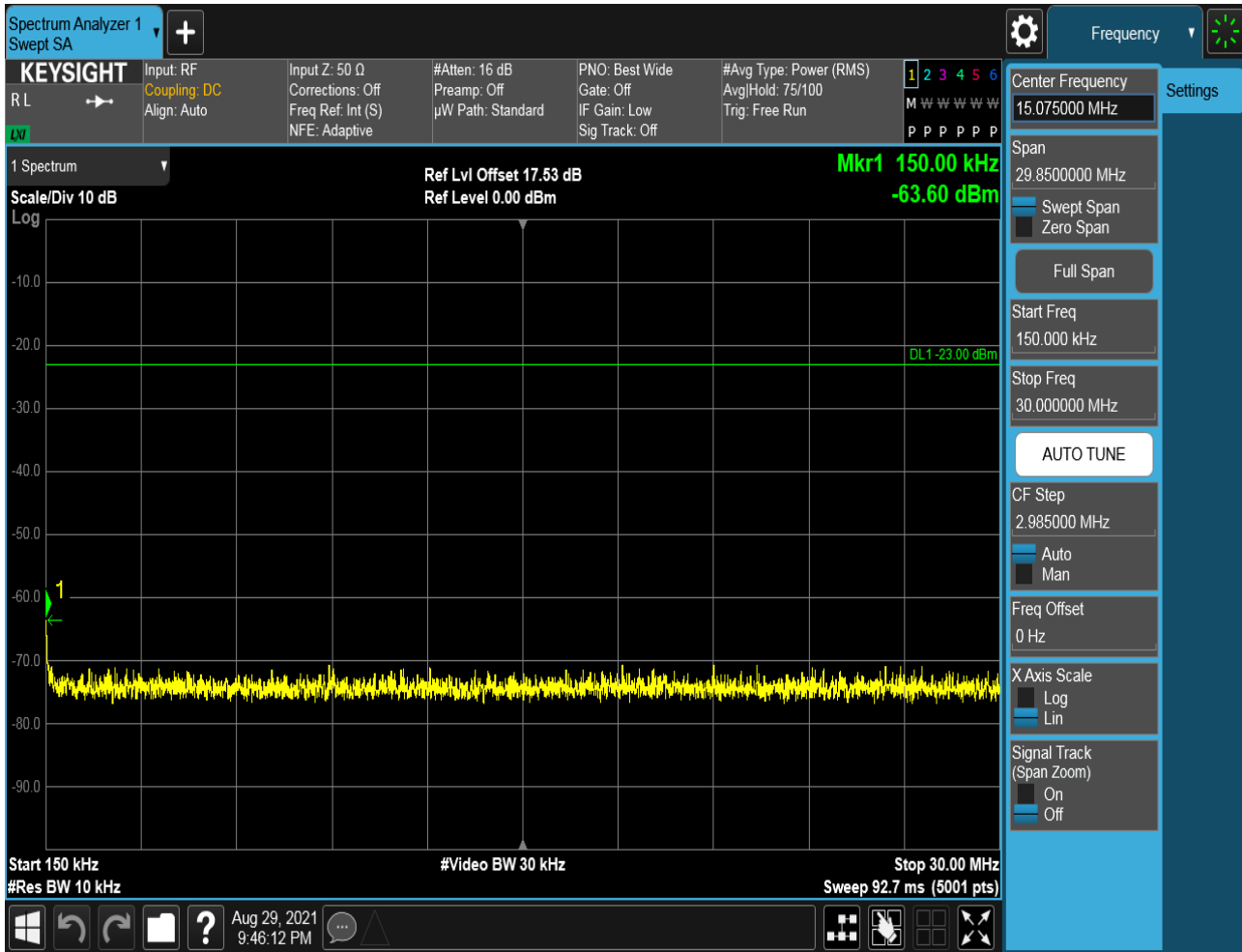


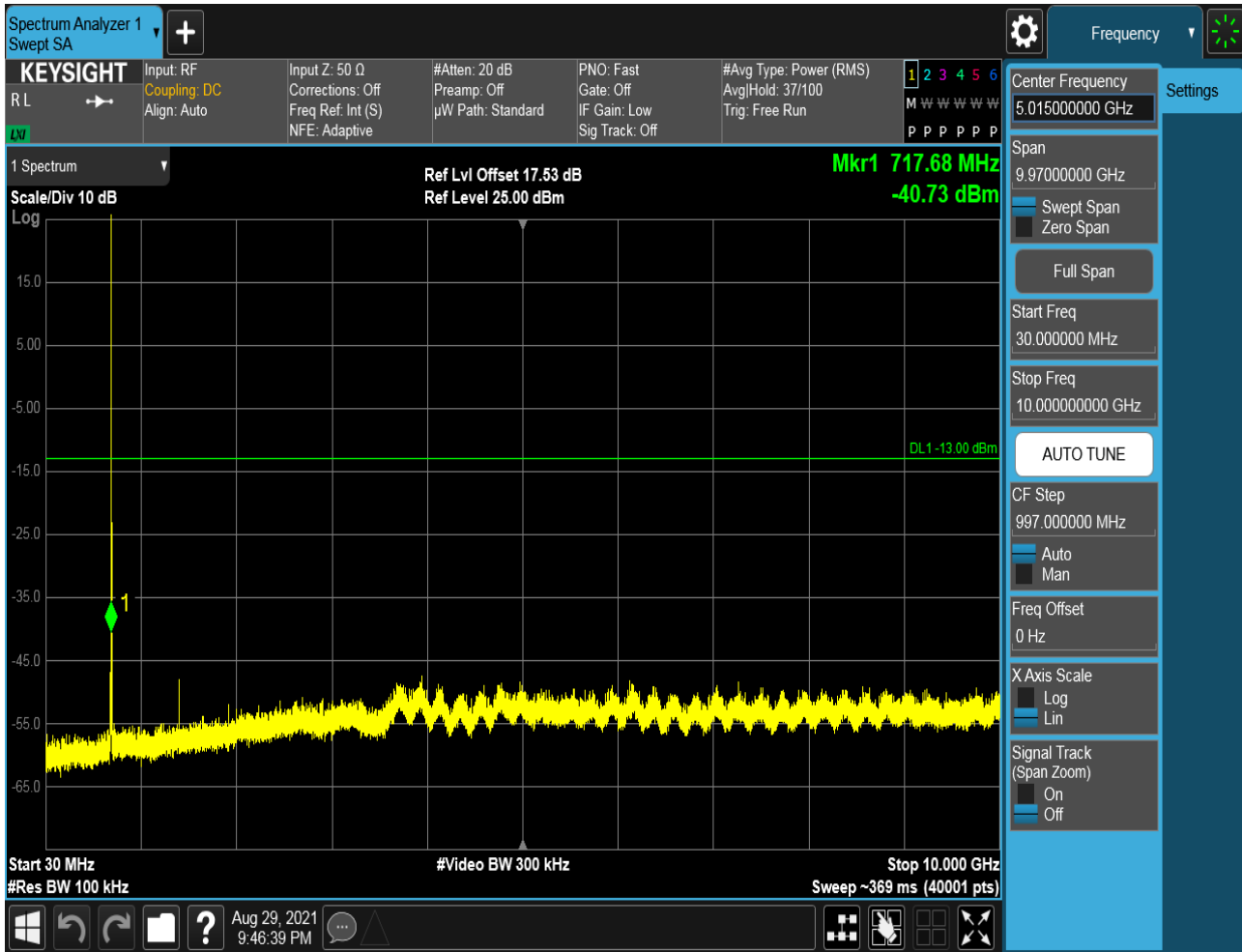


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



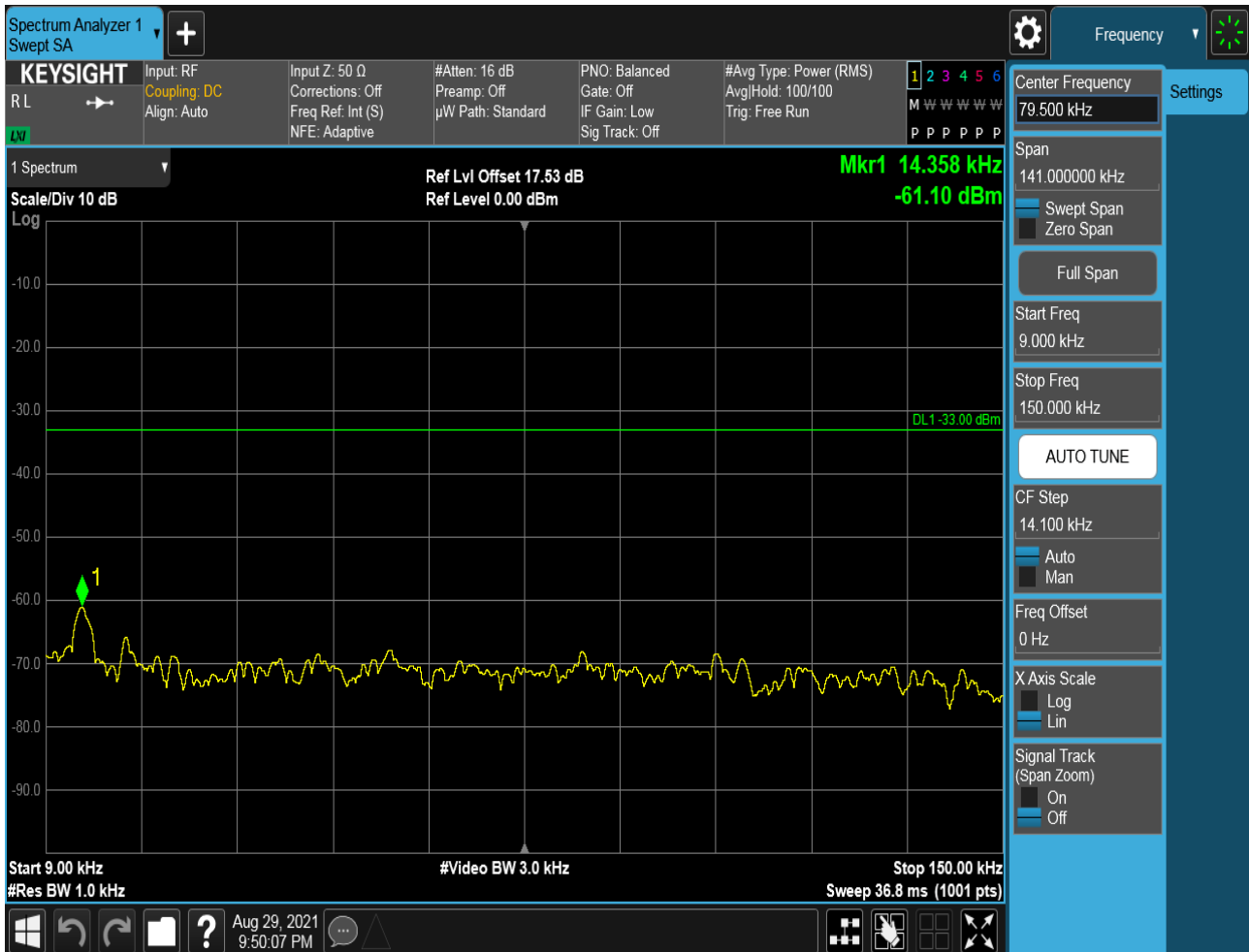


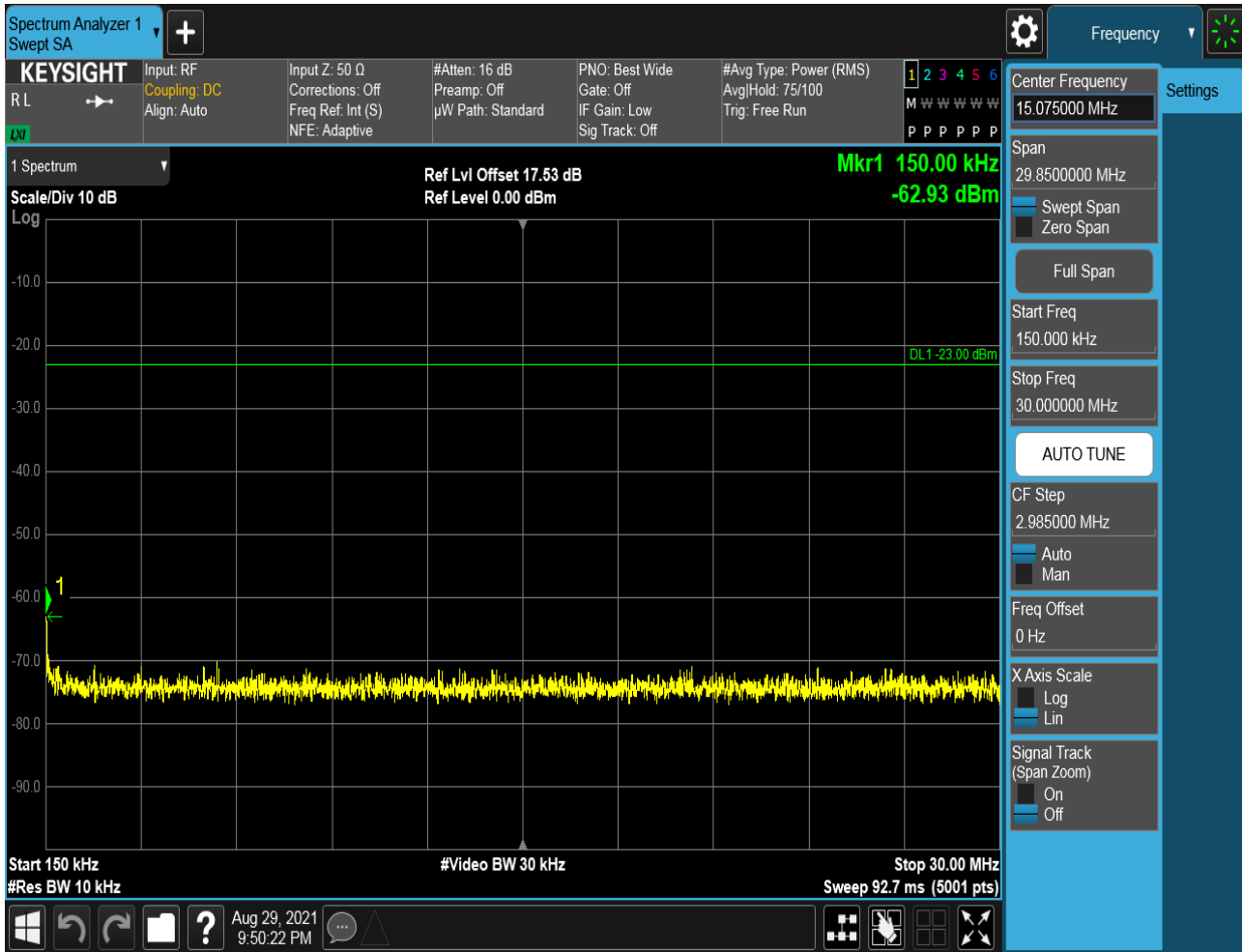


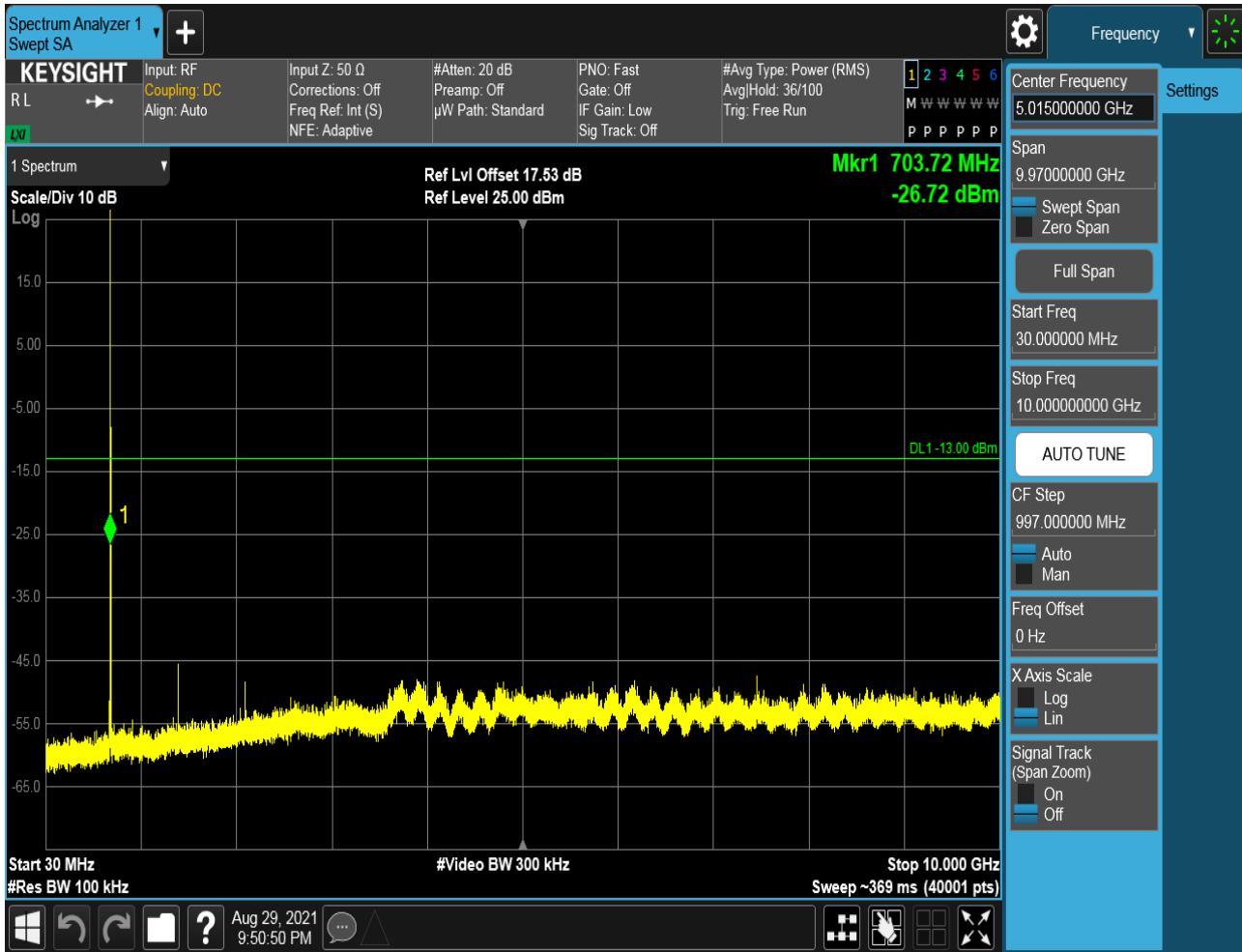
6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0

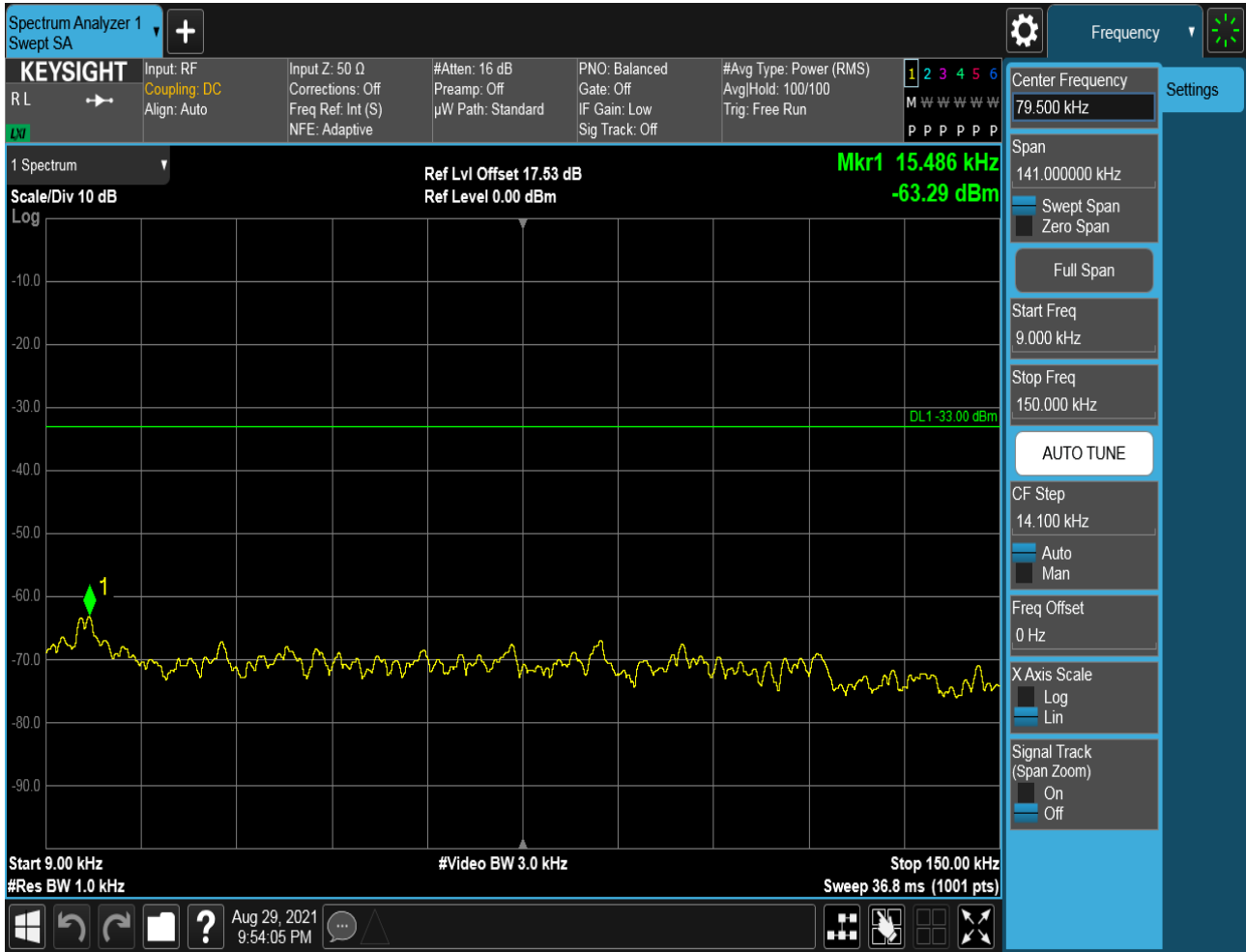


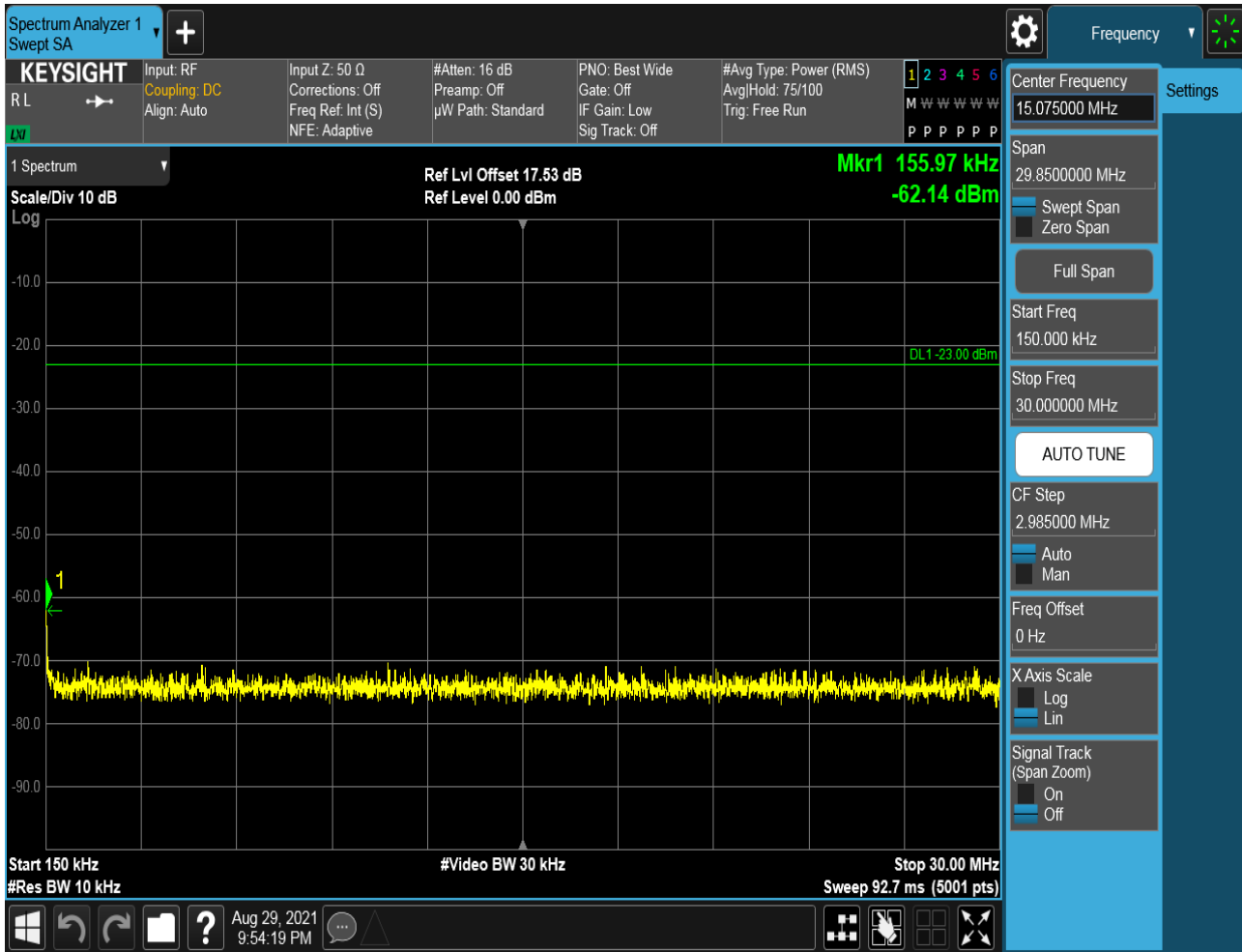


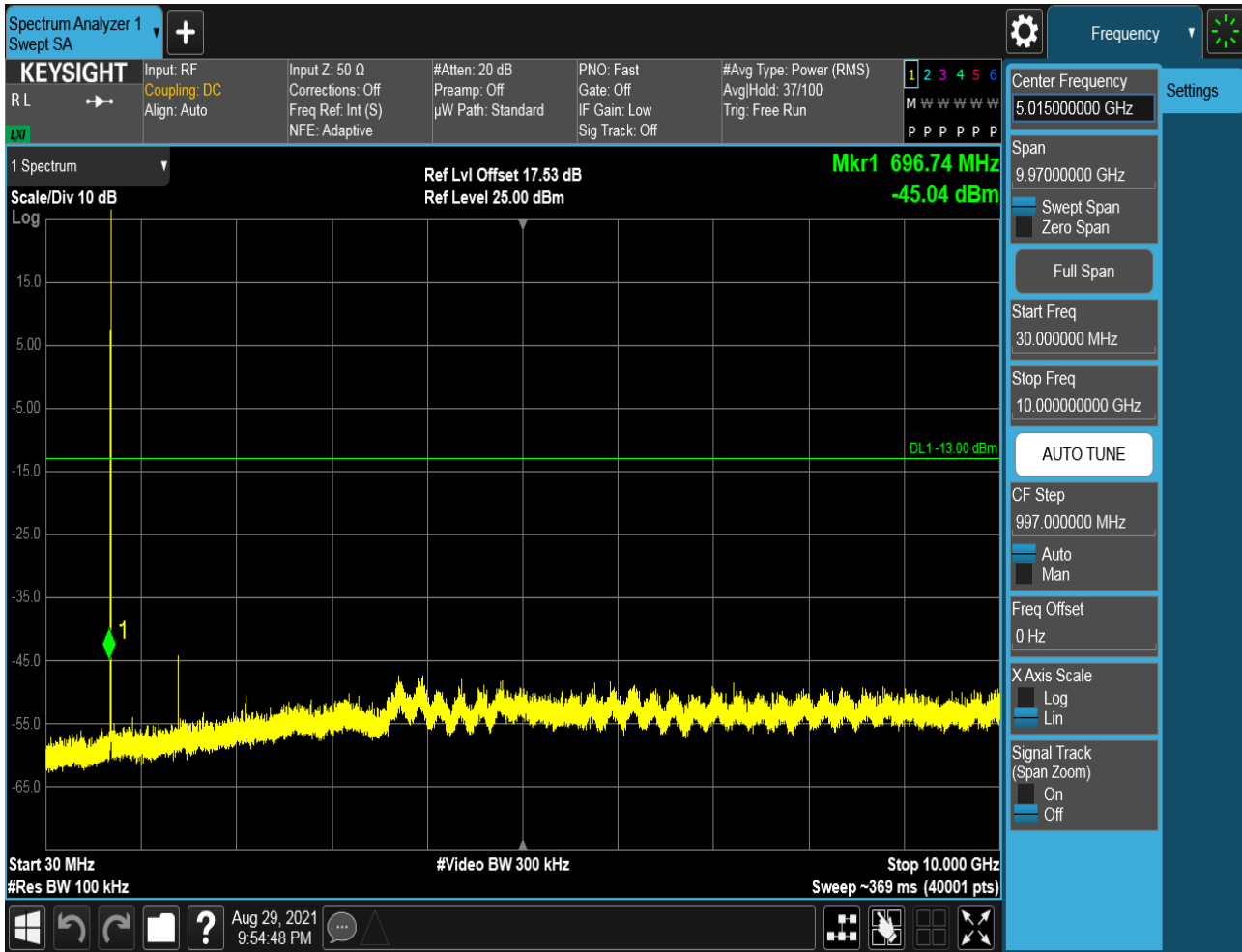


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0

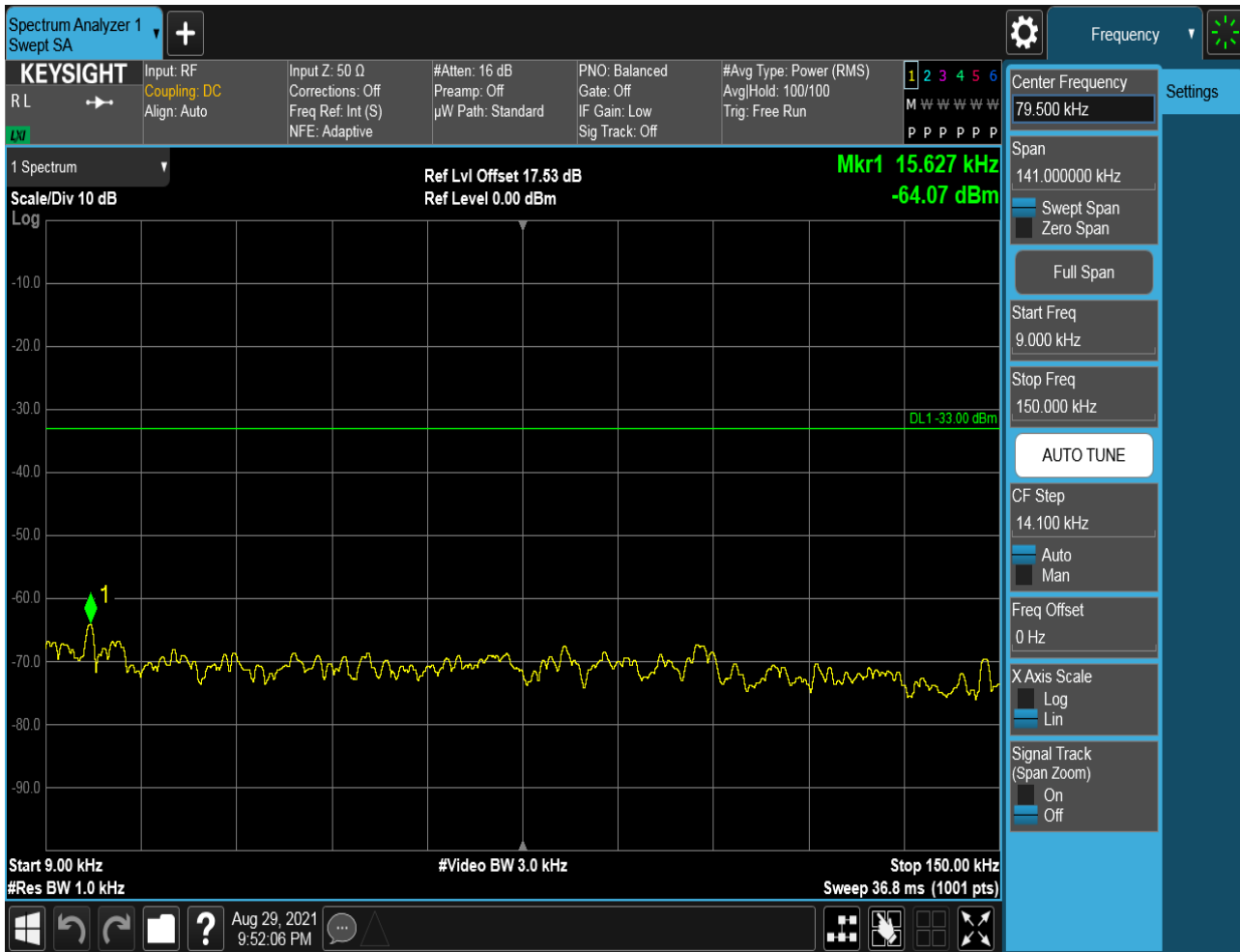


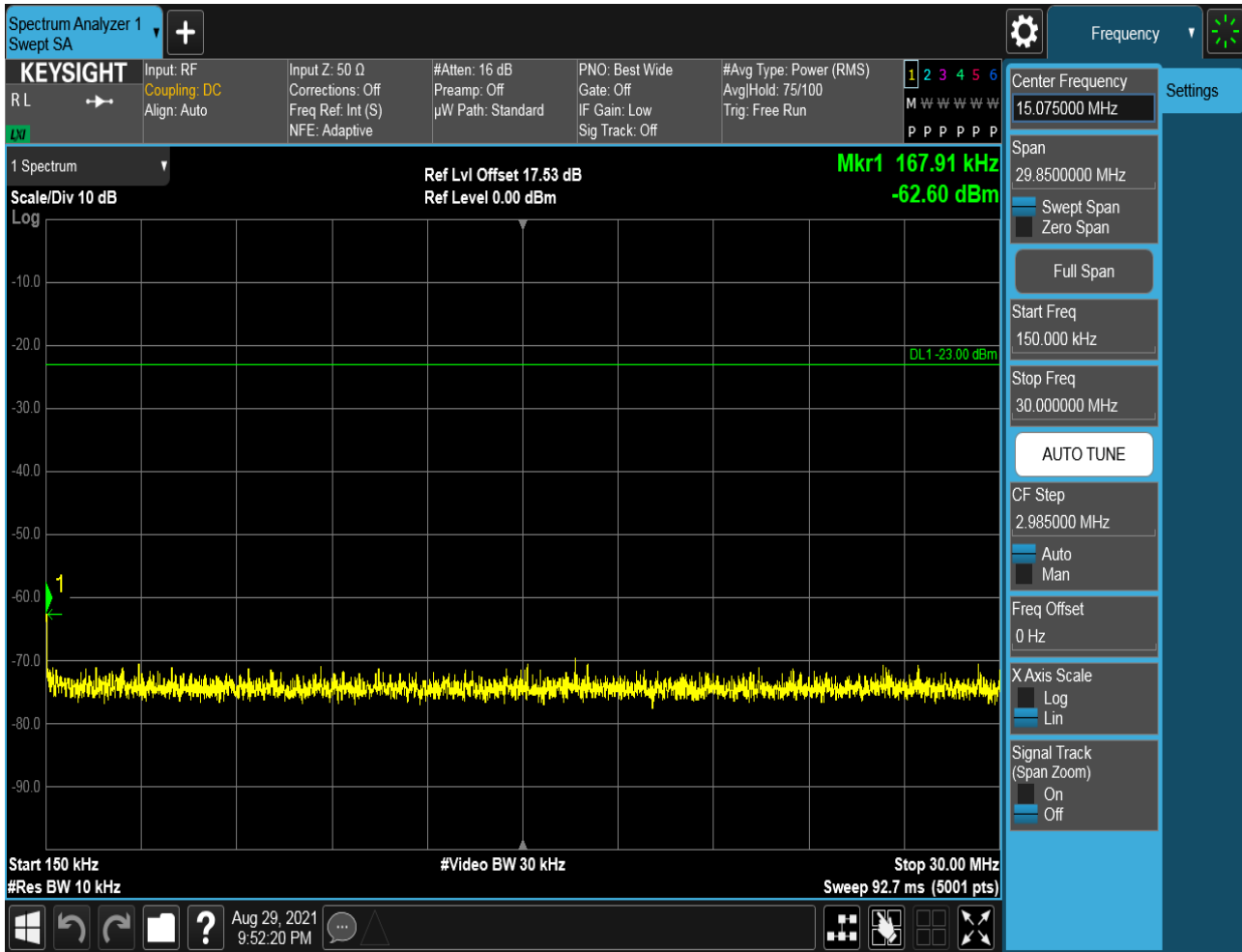


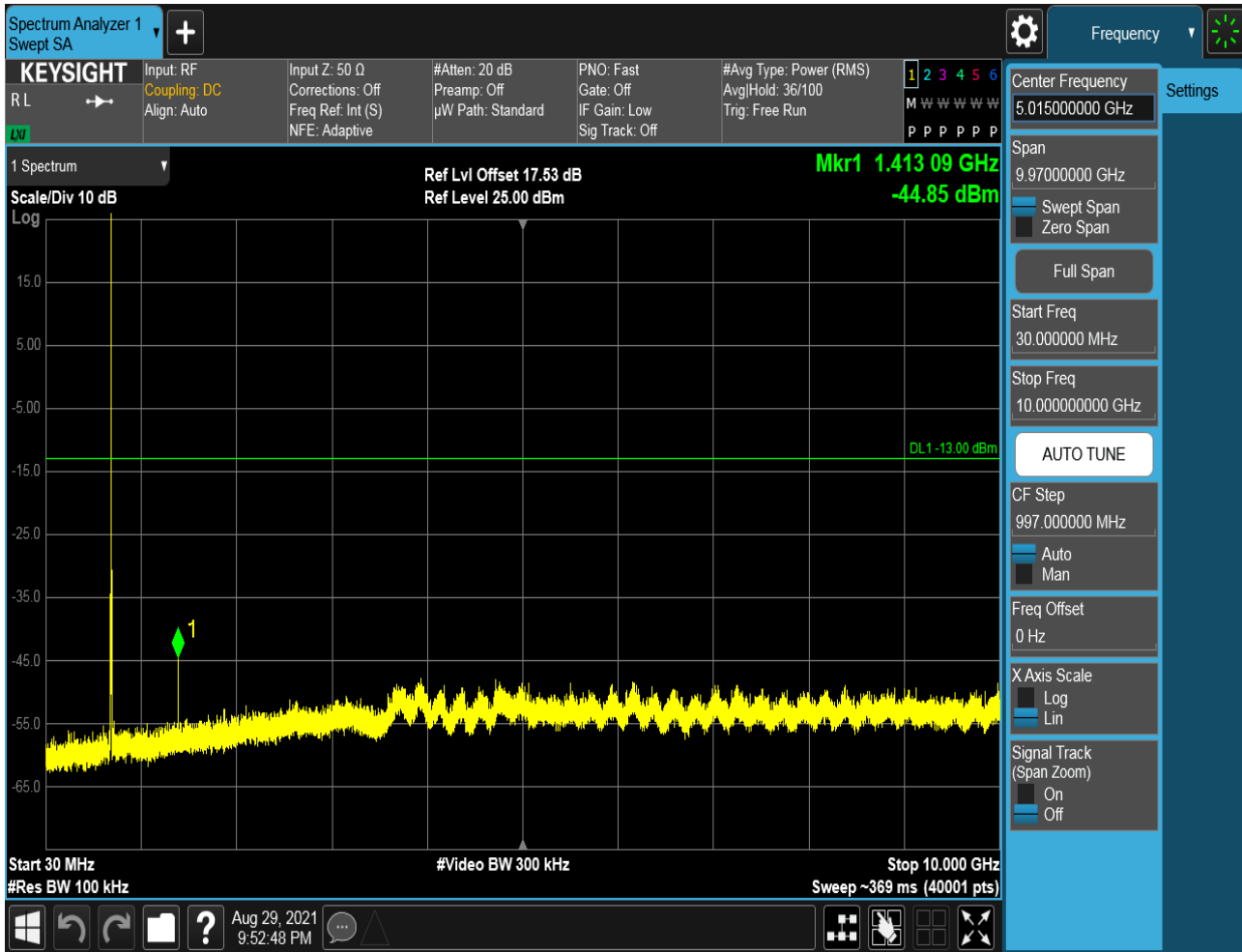


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note 1: We tested all modes & antennas, the data presented below is the worst case.

Note 2: For Below 30MHz, the data presented below is the worst case for all Channel Bandwidth.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

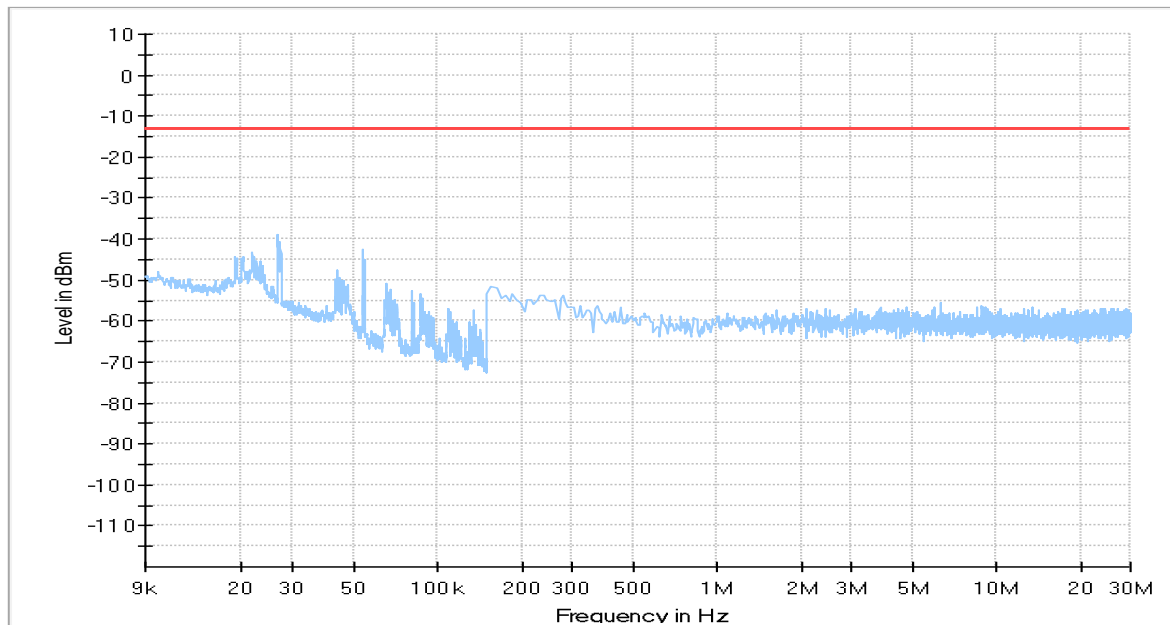
Part I - Test Plots

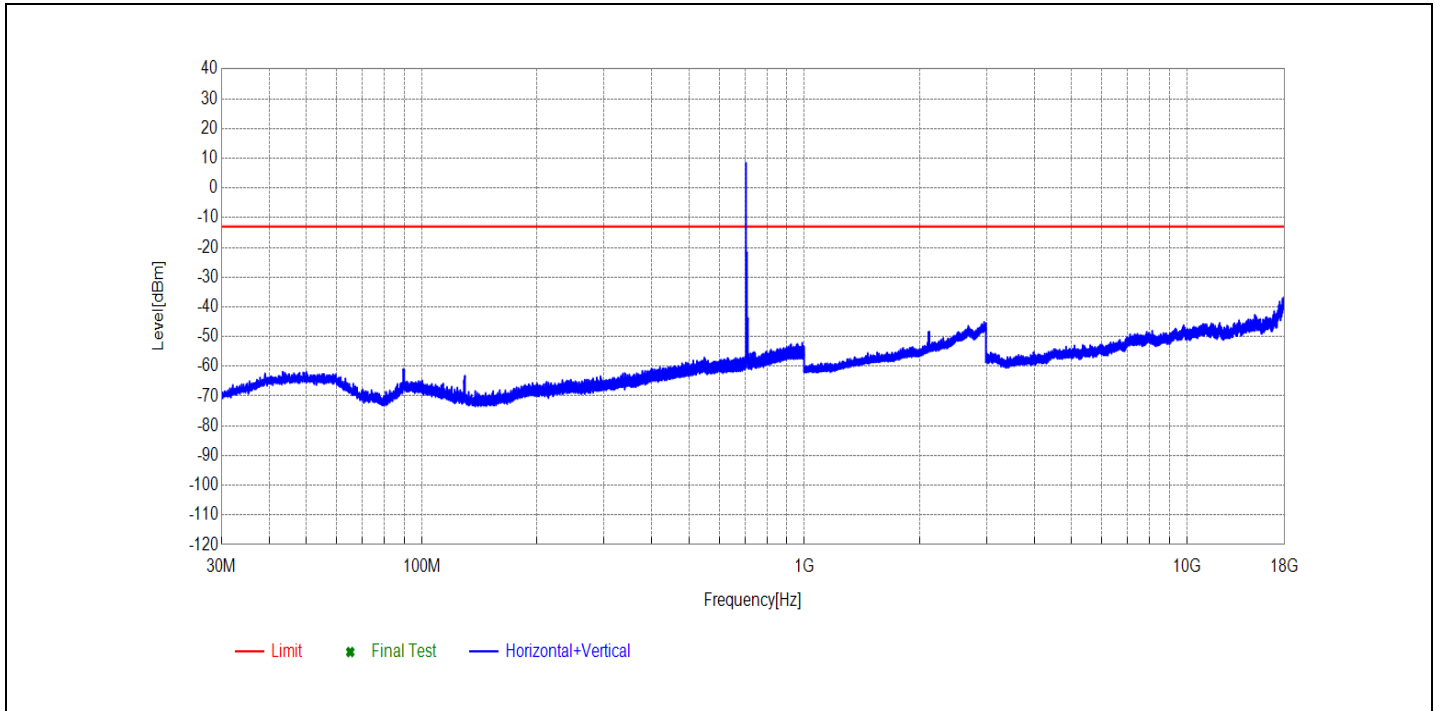
7.1 For LTE

7.1.1 Test Band = Band17

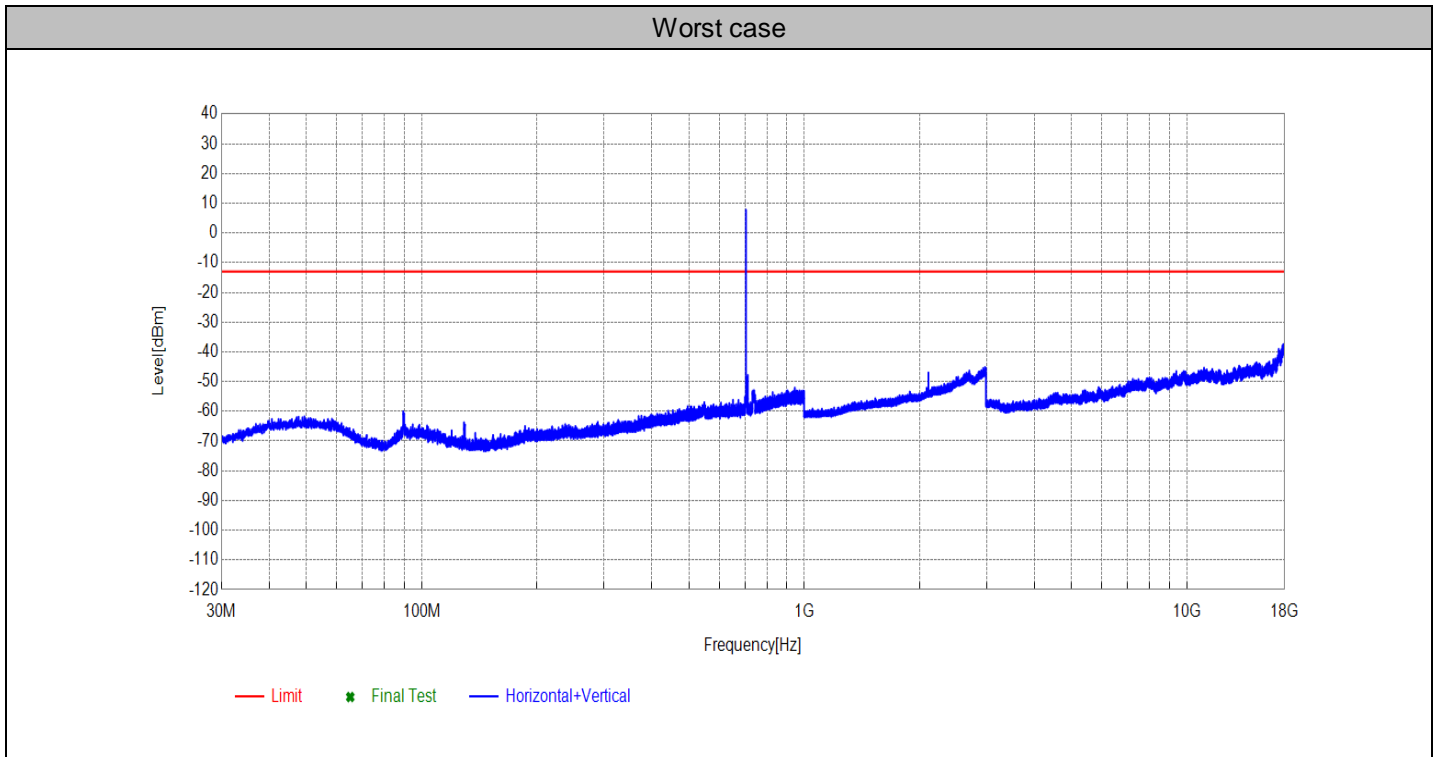
7.1.1.1 Test Bandwidth = 5

Worst case





7.1.1.2 Test Bandwidth = 10



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band17	LTE/TM1	5	LCH	TN	VL	-3.67014	-0.00519	PASS
					VN	7.02811	0.00995	PASS
					VH	4.79624	0.00679	PASS
			MCH	TN	VL	-1.95923	-0.00276	PASS
					VN	2.33249	0.00329	PASS
					VH	1.35024	0.00190	PASS
		HCH	TN	VL	1.51822	0.00213	PASS	
				VN	-0.96008	-0.00135	PASS	
				VH	7.19154	0.01008	PASS	
		10	LCH	TN	VL	-6.25604	-0.00882	PASS
					VN	-1.17003	-0.00165	PASS
					VH	-2.85223	-0.00402	PASS
	MCH		TN	VL	-14.61304	-0.02058	PASS	
				VN	-6.11504	-0.00861	PASS	
				VH	-37.99425	-0.05351	PASS	
	HCH	TN	VL	21.77118	0.03062	PASS		
			VN	-4.83893	-0.00681	PASS		
			VH	13.74938	0.01934	PASS		
	LTE/TM2	5	LCH	TN	VL	2.92080	0.00413	PASS
					VN	7.00654	0.00992	PASS
					VH	-1.16866	-0.00165	PASS
			MCH	TN	VL	8.06255	0.01136	PASS
					VN	6.05293	0.00853	PASS
					VH	-0.52500	-0.00074	PASS
HCH		TN	VL	4.33634	0.00608	PASS		
			VN	-3.78333	-0.00530	PASS		
			VH	-2.41074	-0.00338	PASS		
10		LCH	TN	VL	-28.27717	-0.03988	PASS	
				VN	-7.11612	-0.01004	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VH	-25.14319	-0.03546	PASS
					VL	29.13374	0.04103	PASS
					VN	2.61134	0.00368	PASS
					VH	3.81847	0.00538	PASS
			HCH	TN	VL	9.78019	0.01376	PASS
					VN	-9.32497	-0.01312	PASS
					VH	11.32495	0.01593	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band17	LTE/TM1	5	LCH	VN	-30	-6.31061	-0.00893	PASS
					-20	-4.98882	-0.00706	PASS
					-10	-3.26407	-0.00462	PASS
					0	-3.95348	-0.00560	PASS
					10	0.47293	0.00067	PASS
					20	7.02811	0.00995	PASS
					30	2.91956	0.00413	PASS
					40	0.37108	0.00053	PASS
					50	-5.63204	-0.00797	PASS
			MCH	VN	-30	-0.30688	-0.00043	PASS
					-20	-1.00858	-0.00142	PASS
					-10	0.02733	0.00004	PASS
					0	2.61372	0.00368	PASS
					10	2.04303	0.00288	PASS
					20	2.33249	0.00329	PASS
					30	-5.30538	-0.00747	PASS
					40	4.99657	0.00704	PASS
					50	5.22910	0.00736	PASS
			HCH	VN	-30	3.65694	0.00513	PASS
					-20	0.67671	0.00095	PASS
					-10	2.89755	0.00406	PASS
					0	-8.15253	-0.01143	PASS
					10	2.28775	0.00321	PASS
					20	-0.96008	-0.00135	PASS
30	-0.01609	-0.00002			PASS			
40	1.41649	0.00199			PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		10	LCH	VN	50	0.67184	0.00094	PASS		
					-30	-2.15870	-0.00304	PASS		
					-20	-5.77939	-0.00815	PASS		
					-10	-5.40964	-0.00763	PASS		
					0	21.20975	0.02992	PASS		
					10	0.69908	0.00099	PASS		
					20	-1.17003	-0.00165	PASS		
					30	-3.33443	-0.00470	PASS		
					40	-0.05477	-0.00008	PASS		
			50	-5.34248	-0.00754	PASS				
			MCH	VN	-30	-4.75047	-0.00669	PASS		
					-20	-20.54902	-0.02894	PASS		
					-10	-14.43108	-0.02033	PASS		
					0	-4.46171	-0.00628	PASS		
					10	-14.65676	-0.02064	PASS		
					20	-6.11504	-0.00861	PASS		
					30	-18.81157	-0.02650	PASS		
					40	-1.98940	-0.00280	PASS		
					50	-14.13576	-0.01991	PASS		
			HCH	VN	-30	18.73996	0.02636	PASS		
					-20	4.62229	0.00650	PASS		
					-10	-67.99086	-0.09563	PASS		
					0	25.42285	0.03576	PASS		
					10	11.50293	0.01618	PASS		
					20	-4.83893	-0.00681	PASS		
					30	-1.28615	-0.00181	PASS		
					40	3.47285	0.00488	PASS		
					50	18.58407	0.02614	PASS		
			LTE/TM2	5	LCH	VN	-30	-7.86085	-0.01113	PASS
							-20	3.72768	0.00528	PASS
	-10	3.37730					0.00478	PASS		
	0	1.12115					0.00159	PASS		
	10	2.73947					0.00388	PASS		
	20	7.00654					0.00992	PASS		
	30	-2.12646					-0.00301	PASS		
	40	-3.58440					-0.00507	PASS		
	50	-5.19338					-0.00735	PASS		
	MCH	VN			-30	0.50245	0.00071	PASS		
					-20	10.28788	0.01449	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-10	6.61686	0.00932	PASS		
					0	2.10467	0.00296	PASS		
					10	0.36391	0.00051	PASS		
					20	6.05293	0.00853	PASS		
					30	3.89237	0.00548	PASS		
					40	1.14515	0.00161	PASS		
					50	5.25812	0.00741	PASS		
			HCH	VN	-30	3.53110	0.00495	PASS		
					-20	1.56815	0.00220	PASS		
					-10	-5.25250	-0.00736	PASS		
					0	0.37430	0.00052	PASS		
					10	-4.67120	-0.00655	PASS		
					20	-3.78333	-0.00530	PASS		
					30	4.12701	0.00578	PASS		
					40	2.78681	0.00391	PASS		
		LCH	VN	50	2.36436	0.00331	PASS			
				-30	-12.38630	-0.01747	PASS			
				-20	-21.20535	-0.02991	PASS			
				-10	-25.76952	-0.03635	PASS			
				0	-6.64490	-0.00937	PASS			
				10	-17.19392	-0.02425	PASS			
				20	-7.11612	-0.01004	PASS			
				30	-18.17202	-0.02563	PASS			
				40	-6.27569	-0.00885	PASS			
				50	-10.84672	-0.01530	PASS			
		MCH	VN	-30	-1.52967	-0.00215	PASS			
				-20	1.32746	0.00187	PASS			
				-10	6.02987	0.00849	PASS			
				0	5.24097	0.00738	PASS			
				10	-4.98456	-0.00702	PASS			
				20	2.61134	0.00368	PASS			
				30	2.85731	0.00402	PASS			
				40	2.96268	0.00417	PASS			
		HCH	VN	50	-3.94680	-0.00556	PASS			
				-30	-0.00740	-0.00001	PASS			
				-20	-4.91658	-0.00692	PASS			
				-10	-11.32074	-0.01592	PASS			
				0	-10.65696	-0.01499	PASS			
							10	-10.35553	-0.01456	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-9.32497	-0.01312	PASS
					30	-10.92458	-0.01537	PASS
					40	-8.68648	-0.01222	PASS
					50	-7.26235	-0.01021	PASS

END