

# 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	23.79	17.04	38.5	PASS
				RB1#3	23.79	17.04	38.5	PASS
				RB1#5	23.77	17.02	38.5	PASS
				RB3#0	23.76	17.01	38.5	PASS
				RB3#2	23.80	17.05	38.5	PASS
				RB3#3	23.77	17.02	38.5	PASS
				RB6#0	23.13	16.38	38.5	PASS
			MCH	RB1#0	23.69	16.94	38.5	PASS
				RB1#3	23.78	17.03	38.5	PASS
				RB1#5	23.69	16.94	38.5	PASS
				RB3#0	23.65	16.90	38.5	PASS
				RB3#2	23.58	16.83	38.5	PASS
				RB3#3	23.68	16.93	38.5	PASS
				RB6#0	23.02	16.27	38.5	PASS
HCH	RB1#0	23.67	16.92	38.5	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB1#3	23.71	16.96	38.5	PASS	
				RB1#5	23.63	16.88	38.5	PASS	
				RB3#0	23.67	16.92	38.5	PASS	
				RB3#2	23.67	16.92	38.5	PASS	
				RB3#3	23.69	16.94	38.5	PASS	
				RB6#0	23.11	16.36	38.5	PASS	
		3	LCH	RB1#0	23.92	17.17	38.5	PASS	
				RB1#7	23.85	17.10	38.5	PASS	
				RB1#14	23.92	17.17	38.5	PASS	
				RB8#0	23.25	16.50	38.5	PASS	
				RB8#4	23.24	16.49	38.5	PASS	
				RB8#7	23.23	16.48	38.5	PASS	
				RB15#0	23.23	16.48	38.5	PASS	
				MCH	RB1#0	23.78	17.03	38.5	PASS
					RB1#7	23.62	16.87	38.5	PASS
RB1#14	23.76	17.01	38.5		PASS				
RB8#0	23.08	16.33	38.5		PASS				
RB8#4	23.17	16.42	38.5		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#7	23.13	16.38	38.5	PASS
				RB15#0	23.18	16.43	38.5	PASS
			HCH	RB1#0	23.76	17.01	38.5	PASS
				RB1#7	23.71	16.96	38.5	PASS
				RB1#14	23.73	16.98	38.5	PASS
				RB8#0	23.06	16.31	38.5	PASS
				RB8#4	23.11	16.36	38.5	PASS
				RB8#7	23.15	16.40	38.5	PASS
				RB15#0	23.14	16.39	38.5	PASS
				5	LCH	RB1#0	23.98	17.23
		RB1#13	23.87			17.12	38.5	PASS
		RB1#24	23.81			17.06	38.5	PASS
		RB12#0	23.25			16.50	38.5	PASS
		RB12#6	23.27			16.52	38.5	PASS
		RB12#13	23.22			16.47	38.5	PASS
		RB25#0	23.24			16.49	38.5	PASS
		MCH	RB1#0			23.80	17.05	38.5
			RB1#13	23.78	17.03	38.5	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB1#24	23.78	17.03	38.5	PASS	
				RB12#0	23.11	16.36	38.5	PASS	
				RB12#6	23.07	16.32	38.5	PASS	
				RB12#13	23.16	16.41	38.5	PASS	
				RB25#0	23.11	16.36	38.5	PASS	
			HCH	RB1#0	23.75	17.00	38.5	PASS	
				RB1#13	23.75	17.00	38.5	PASS	
				RB1#24	23.77	17.02	38.5	PASS	
				RB12#0	23.11	16.36	38.5	PASS	
				RB12#6	23.21	16.46	38.5	PASS	
				RB12#13	23.21	16.46	38.5	PASS	
				RB25#0	23.12	16.37	38.5	PASS	
			10	LCH	RB1#0	23.84	17.09	38.5	PASS
					RB1#25	23.77	17.02	38.5	PASS
		RB1#49			23.68	16.93	38.5	PASS	
		RB25#0			23.18	16.43	38.5	PASS	
		RB25#13			23.24	16.49	38.5	PASS	
		RB25#25			23.21	16.46	38.5	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB50#0	23.27	16.52	38.5	PASS	
				MCH	RB1#0	23.78	17.03	38.5	PASS
					RB1#25	23.73	16.98	38.5	PASS
					RB1#49	23.74	16.99	38.5	PASS
					RB25#0	23.15	16.40	38.5	PASS
					RB25#13	23.19	16.44	38.5	PASS
					RB25#25	23.17	16.42	38.5	PASS
					RB50#0	23.11	16.36	38.5	PASS
					HCH	RB1#0	23.77	17.02	38.5
				RB1#25		23.73	16.98	38.5	PASS
				RB1#49		23.75	17.00	38.5	PASS
				RB25#0		23.09	16.34	38.5	PASS
				RB25#13		23.13	16.38	38.5	PASS
				RB25#25		23.10	16.35	38.5	PASS
				RB50#0		23.21	16.46	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	23.27	16.52	38.5	PASS	
				RB1#3	23.38	16.63	38.5	PASS	
				RB1#5	23.28	16.53	38.5	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB3#0	23.22	16.47	38.5	PASS
				RB3#2	23.28	16.53	38.5	PASS
				RB3#3	23.20	16.45	38.5	PASS
				RB6#0	22.31	15.56	38.5	PASS
			MCH	RB1#0	23.04	16.29	38.5	PASS
				RB1#3	23.18	16.43	38.5	PASS
				RB1#5	23.13	16.38	38.5	PASS
				RB3#0	23.20	16.45	38.5	PASS
				RB3#2	23.36	16.61	38.5	PASS
				RB3#3	23.30	16.55	38.5	PASS
				RB6#0	22.24	15.49	38.5	PASS
			HCH	RB1#0	23.53	16.78	38.5	PASS
				RB1#3	23.53	16.78	38.5	PASS
				RB1#5	23.52	16.77	38.5	PASS
				RB3#0	23.29	16.54	38.5	PASS
				RB3#2	23.19	16.44	38.5	PASS
				RB3#3	23.22	16.47	38.5	PASS
				RB6#0	21.88	15.13	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
		3	LCH	RB1#0	23.75	17.00	38.5	PASS
				RB1#7	23.56	16.81	38.5	PASS
				RB1#14	23.59	16.84	38.5	PASS
				RB8#0	22.30	15.55	38.5	PASS
				RB8#4	22.34	15.59	38.5	PASS
				RB8#7	22.26	15.51	38.5	PASS
				RB15#0	22.28	15.53	38.5	PASS
			MCH	RB1#0	22.98	16.23	38.5	PASS
				RB1#7	23.07	16.32	38.5	PASS
				RB1#14	23.10	16.35	38.5	PASS
				RB8#0	22.19	15.44	38.5	PASS
				RB8#4	22.28	15.53	38.5	PASS
				RB8#7	22.26	15.51	38.5	PASS
				RB15#0	22.17	15.42	38.5	PASS
			HCH	RB1#0	23.22	16.47	38.5	PASS
				RB1#7	23.09	16.34	38.5	PASS
RB1#14	23.15	16.40		38.5	PASS			
RB8#0	22.03	15.28		38.5	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB8#4	22.22	15.47	38.5	PASS	
				RB8#7	22.15	15.40	38.5	PASS	
				RB15#0	22.08	15.33	38.5	PASS	
		5	LCH	RB1#0	23.72	16.97	38.5	PASS	
				RB1#13	23.82	17.07	38.5	PASS	
				RB1#24	23.69	16.94	38.5	PASS	
				RB12#0	22.40	15.65	38.5	PASS	
				RB12#6	22.42	15.67	38.5	PASS	
				RB12#13	22.41	15.66	38.5	PASS	
				RB25#0	22.37	15.62	38.5	PASS	
				MCH	RB1#0	23.27	16.52	38.5	PASS
					RB1#13	23.32	16.57	38.5	PASS
					RB1#24	23.27	16.52	38.5	PASS
					RB12#0	22.18	15.43	38.5	PASS
					RB12#6	22.21	15.46	38.5	PASS
RB12#13	22.25	15.50	38.5		PASS				
RB25#0	22.07	15.32	38.5		PASS				
HCH	RB1#0	23.22	16.47	38.5	PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#13	23.27	16.52	38.5	PASS
				RB1#24	23.20	16.45	38.5	PASS
				RB12#0	22.13	15.38	38.5	PASS
				RB12#6	22.20	15.45	38.5	PASS
				RB12#13	22.22	15.47	38.5	PASS
				RB25#0	22.09	15.34	38.5	PASS
		10	LCH	RB1#0	23.57	16.82	38.5	PASS
				RB1#25	23.65	16.90	38.5	PASS
				RB1#49	23.54	16.79	38.5	PASS
				RB25#0	22.25	15.50	38.5	PASS
				RB25#13	22.26	15.51	38.5	PASS
				RB25#25	22.27	15.52	38.5	PASS
			MCH	RB50#0	22.29	15.54	38.5	PASS
				RB1#0	23.12	16.37	38.5	PASS
				RB1#25	23.13	16.38	38.5	PASS
				RB1#49	23.12	16.37	38.5	PASS
				RB25#0	22.19	15.44	38.5	PASS
						RB25#13	22.22	15.47

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.22	15.47	38.5	PASS
				RB50#0	22.09	15.34	38.5	PASS
			HCH	RB1#0	23.17	16.42	38.5	PASS
				RB1#25	23.04	16.29	38.5	PASS
				RB1#49	23.04	16.29	38.5	PASS
				RB25#0	22.19	15.44	38.5	PASS
				RB25#13	22.33	15.58	38.5	PASS
				RB25#25	22.24	15.49	38.5	PASS
				RB50#0	22.20	15.45	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,

$$ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]$$

$$EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]$$

b, SGP = Signal Generator Level

Note2:

$$SET Span = 1.5 * OBW$$

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

$$SET VBW \geq 3 * RBW$$

SET Sweep time = auto - couple.

Detector: RMS

## 2Appendix\_B: Peak-to-Average Ratio

### Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
Band5	LTE/TM1	1.4	LCH	RB1#0	3.56	13	PASS
				RB1#3	3.36	13	PASS
				RB1#5	3.62	13	PASS
				RB3#0	3.74	13	PASS
				RB3#2	3.67	13	PASS
				RB3#3	3.73	13	PASS
				RB6#0	4.92	13	PASS
			MCH	RB1#0	3.77	13	PASS
				RB1#3	3.56	13	PASS
				RB1#5	3.87	13	PASS
				RB3#0	4.01	13	PASS
				RB3#2	3.97	13	PASS
				RB3#3	4.02	13	PASS
				RB6#0	5.45	13	PASS
		HCH	RB1#0	3.68	13	PASS	
			RB1#3	3.49	13	PASS	
			RB1#5	3.62	13	PASS	
			RB3#0	3.97	13	PASS	
			RB3#2	3.91	13	PASS	
			RB3#3	3.93	13	PASS	
			RB6#0	5.04	13	PASS	
		3	LCH	RB1#0	3.36	13	PASS
				RB1#7	3.31	13	PASS
				RB1#14	3.33	13	PASS
				RB8#0	4.56	13	PASS
				RB8#4	4.53	13	PASS
				RB8#7	4.50	13	PASS
				RB15#0	5.04	13	PASS
MCH	RB1#0		3.50	13	PASS		
	RB1#7		3.48	13	PASS		
	RB1#14		3.58	13	PASS		
	RB8#0		4.83	13	PASS		
	RB8#4		4.75	13	PASS		
	RB8#7		4.91	13	PASS		
	RB15#0		5.06	13	PASS		
HCH	RB1#0	3.41	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB1#7	3.41	13	PASS
				RB1#14	3.47	13	PASS
				RB8#0	4.81	13	PASS
				RB8#4	4.68	13	PASS
				RB8#7	4.76	13	PASS
				RB15#0	5.35	13	PASS
			LCH	RB1#0	3.37	13	PASS
				RB1#13	3.24	13	PASS
				RB1#24	3.33	13	PASS
				RB12#0	4.54	13	PASS
				RB12#6	4.45	13	PASS
				RB12#13	4.48	13	PASS
		MCH	RB25#0	4.91	13	PASS	
			RB1#0	3.42	13	PASS	
			RB1#13	3.43	13	PASS	
			RB1#24	3.63	13	PASS	
			RB12#0	4.81	13	PASS	
			RB12#6	4.80	13	PASS	
		HCH	RB12#13	4.89	13	PASS	
			RB25#0	5.07	13	PASS	
			RB1#0	3.46	13	PASS	
			RB1#13	3.36	13	PASS	
			RB1#24	3.48	13	PASS	
			RB12#0	4.74	13	PASS	
		10	LCH	RB12#6	4.58	13	PASS
				RB12#13	4.65	13	PASS
				RB25#0	5.37	13	PASS
				RB1#0	3.38	13	PASS
				RB1#25	3.33	13	PASS
				RB1#49	3.43	13	PASS
			MCH	RB25#0	4.61	13	PASS
				RB25#13	4.45	13	PASS
				RB25#25	4.59	13	PASS
RB50#0	4.98			13	PASS		
RB1#0	3.32			13	PASS		
RB1#25	3.51			13	PASS		
RB1#49	3.53	13	PASS				
RB25#0	4.74	13	PASS				
RB25#13	4.89	13	PASS				
RB25#25	4.94	13	PASS				
RB50#0	5.15	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	3.54	13	PASS
				RB1#25	3.41	13	PASS
				RB1#49	3.48	13	PASS
				RB25#0	4.93	13	PASS
				RB25#13	4.75	13	PASS
				RB25#25	4.75	13	PASS
				RB50#0	5.33	13	PASS
			LCH	RB1#0	4.63	13	PASS
				RB1#3	4.54	13	PASS
				RB1#5	4.62	13	PASS
				RB3#0	4.91	13	PASS
				RB3#2	4.86	13	PASS
				RB3#3	4.87	13	PASS
				RB6#0	5.92	13	PASS
	MCH	RB1#0	5.13	13	PASS		
		RB1#3	5.08	13	PASS		
		RB1#5	5.21	13	PASS		
		RB3#0	5.27	13	PASS		
		RB3#2	5.23	13	PASS		
		RB3#3	5.29	13	PASS		
		RB6#0	5.87	13	PASS		
	HCH	RB1#0	5.13	13	PASS		
		RB1#3	5.03	13	PASS		
		RB1#5	5.14	13	PASS		
		RB3#0	4.99	13	PASS		
		RB3#2	4.93	13	PASS		
		RB3#3	4.98	13	PASS		
		RB6#0	5.61	13	PASS		
	3	LCH	RB1#0	4.50	13	PASS	
			RB1#7	4.55	13	PASS	
RB1#14			4.43	13	PASS		
RB8#0			5.53	13	PASS		
RB8#4			5.37	13	PASS		
RB8#7			5.51	13	PASS		
RB15#0			5.72	13	PASS		
MCH			RB1#0	5.19	13	PASS	
		RB1#7	5.24	13	PASS		
		RB1#14	5.35	13	PASS		
		RB8#0	5.64	13	PASS		
		RB8#4	5.52	13	PASS		
		RB8#7	5.59	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB15#0	6.15	13	PASS
				RB1#0	4.89	13	PASS
				RB1#7	4.97	13	PASS
				RB1#14	5.01	13	PASS
				RB8#0	5.59	13	PASS
				RB8#4	5.52	13	PASS
				RB8#7	5.54	13	PASS
				RB15#0	5.96	13	PASS
			LCH	RB1#0	4.32	13	PASS
				RB1#13	4.15	13	PASS
				RB1#24	4.23	13	PASS
				RB12#0	5.31	13	PASS
				RB12#6	5.24	13	PASS
				RB12#13	5.27	13	PASS
		RB25#0		5.82	13	PASS	
		MCH		RB1#0	4.80	13	PASS
				RB1#13	4.87	13	PASS
				RB1#24	5.16	13	PASS
				RB12#0	5.63	13	PASS
				RB12#6	5.57	13	PASS
				RB12#13	5.77	13	PASS
				RB25#0	6.15	13	PASS
		HCH	RB1#0	4.93	13	PASS	
			RB1#13	4.83	13	PASS	
			RB1#24	4.91	13	PASS	
			RB12#0	5.61	13	PASS	
			RB12#6	5.50	13	PASS	
			RB12#13	5.60	13	PASS	
			RB25#0	6.61	13	PASS	
		10	LCH	RB1#0	4.51	13	PASS
				RB1#25	4.36	13	PASS
				RB1#49	4.56	13	PASS
				RB25#0	5.56	13	PASS
				RB25#13	5.36	13	PASS
				RB25#25	5.50	13	PASS
				RB50#0	5.97	13	PASS
				MCH	RB1#0	4.88	13
			RB1#25		5.25	13	PASS
			RB1#49		5.38	13	PASS
			RB25#0		5.75	13	PASS
RB25#13	5.77		13		PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.00	13	PASS
				RB50#0	6.08	13	PASS
			HCH	RB1#0	5.30	13	PASS
				RB1#25	5.02	13	PASS
				RB1#49	5.12	13	PASS
				RB25#0	5.78	13	PASS
				RB25#13	5.54	13	PASS
				RB25#25	5.65	13	PASS
				RB50#0	6.06	13	PASS



### 3Appendix\_C: Modulation Characteristics

#### Part I - Test Plots

##### 3.1 For LTE

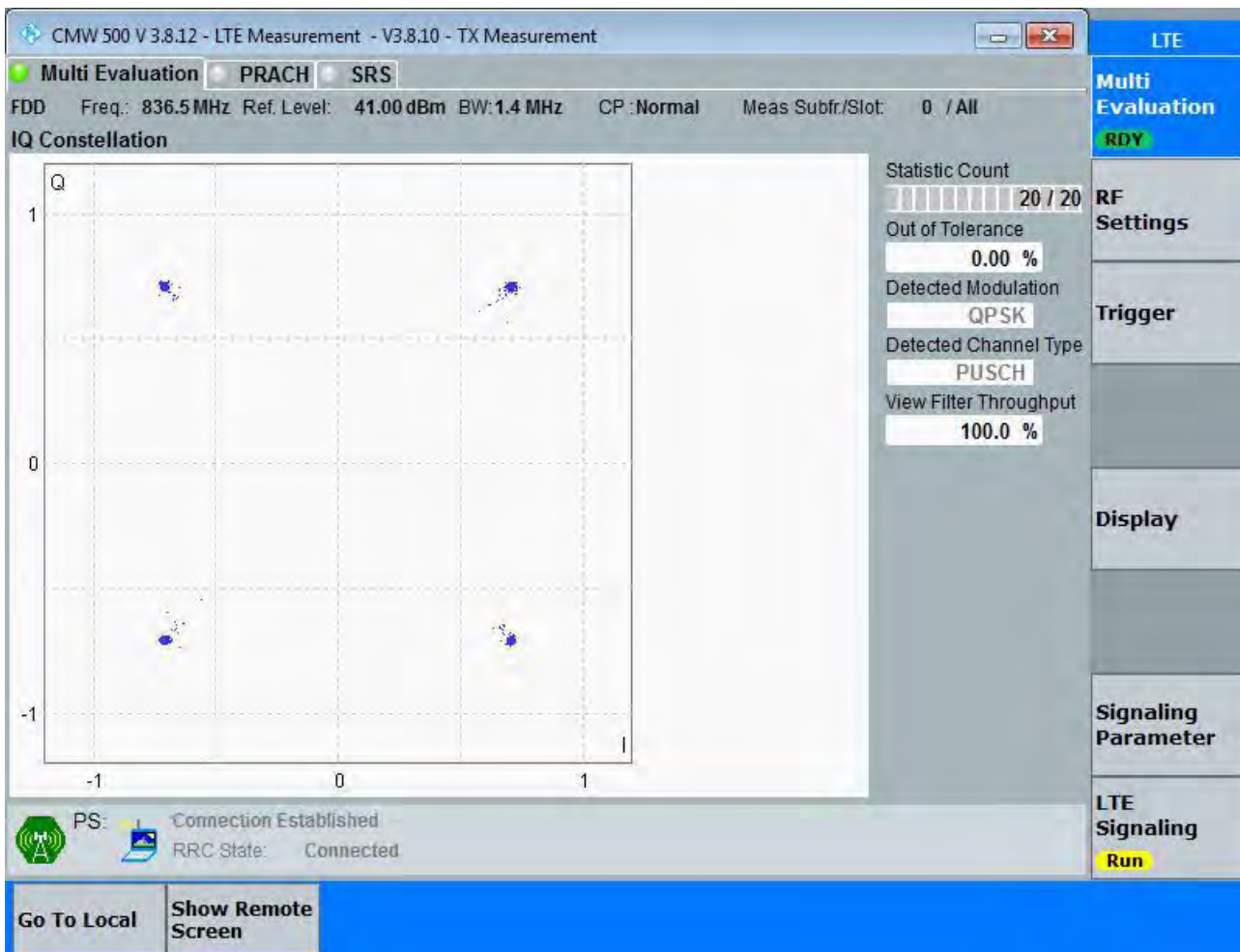
##### 3.1.1 Test Band = Band5

##### 3.1.1.1 Test Mode = LTE/TM1

##### 3.1.1.1.1 Test Bandwidth = 1.4

##### 3.1.1.1.1.1 Test Channel = MCH

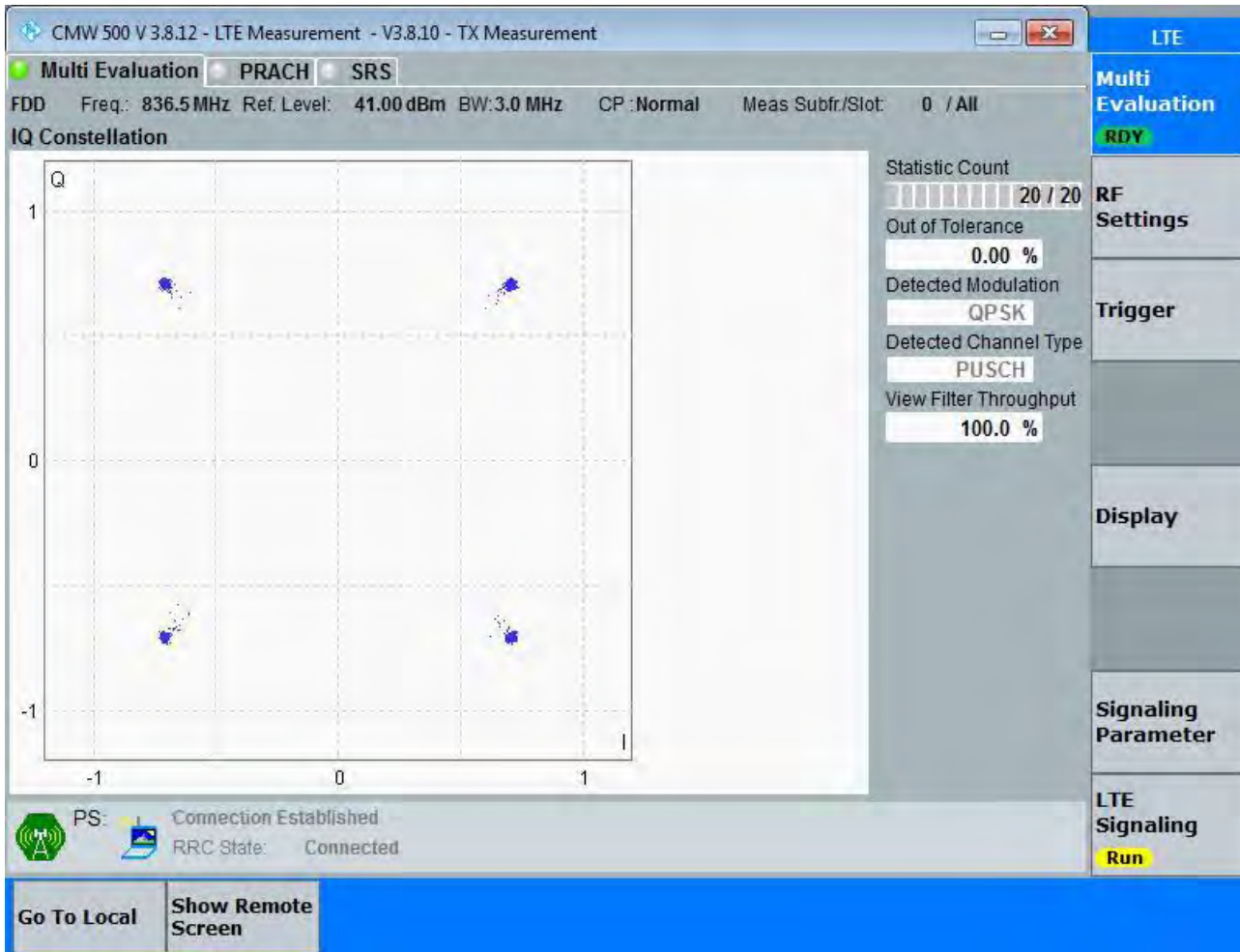
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

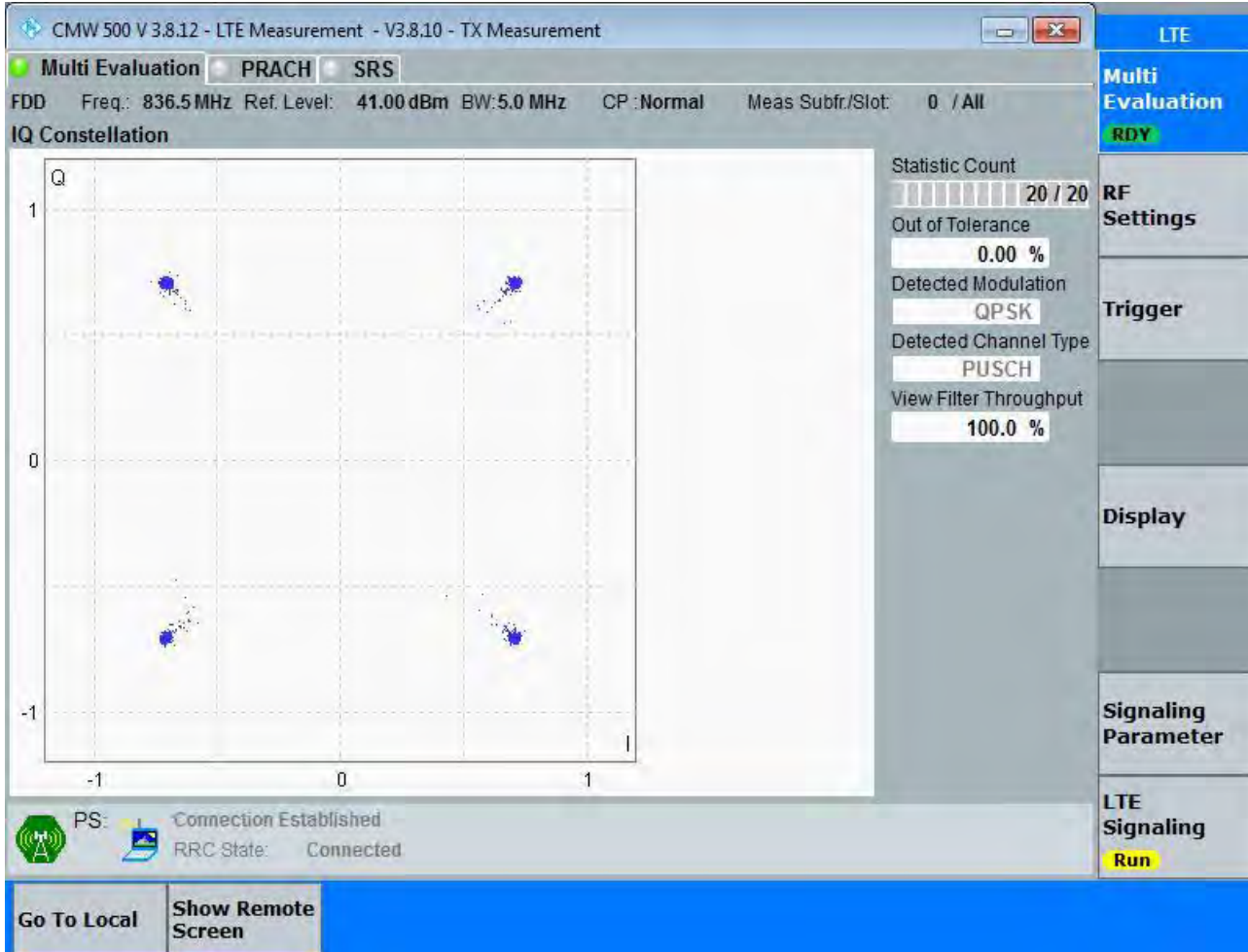
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

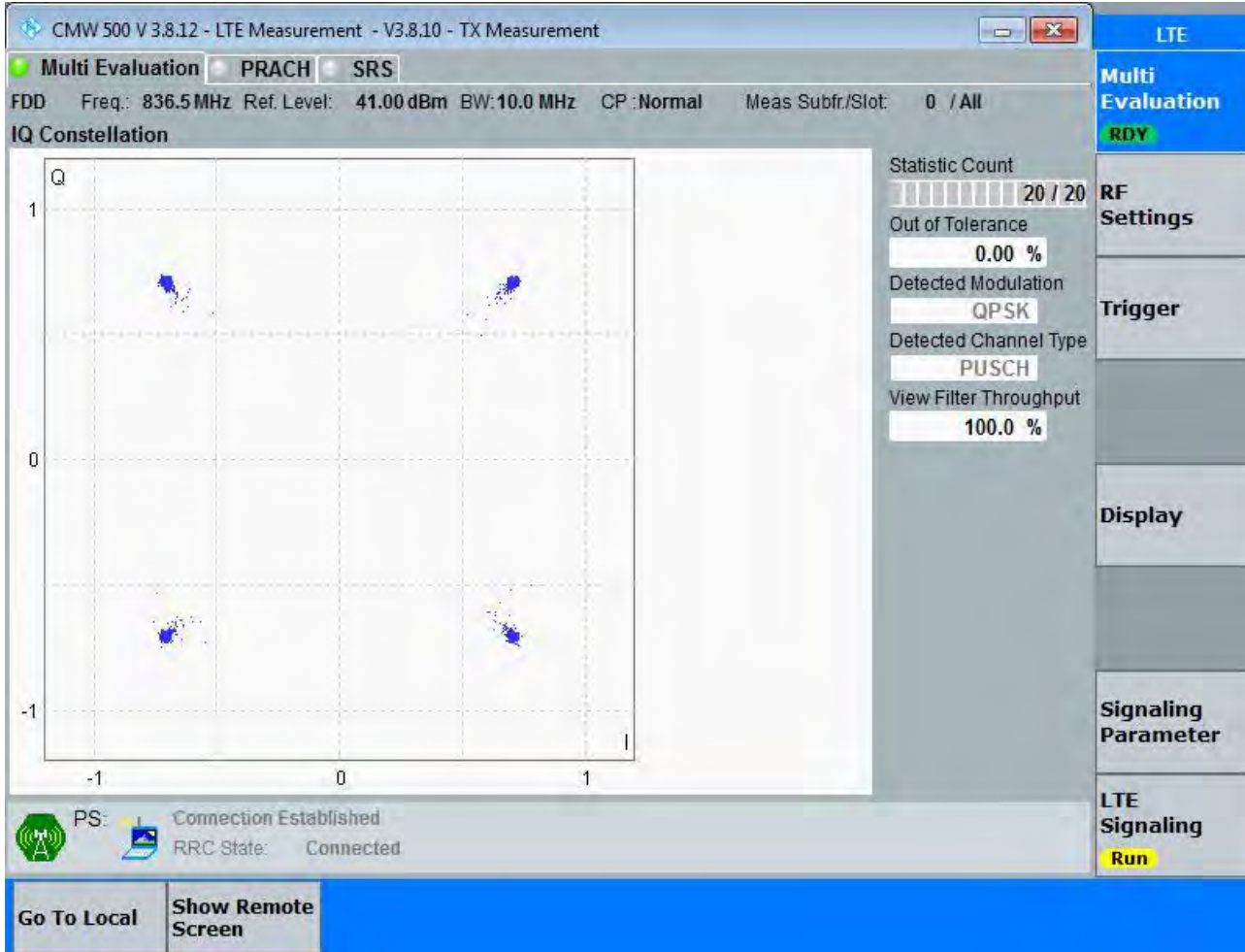
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

##### 3.1.1.1.4.1.1 Test RB = RB50#0

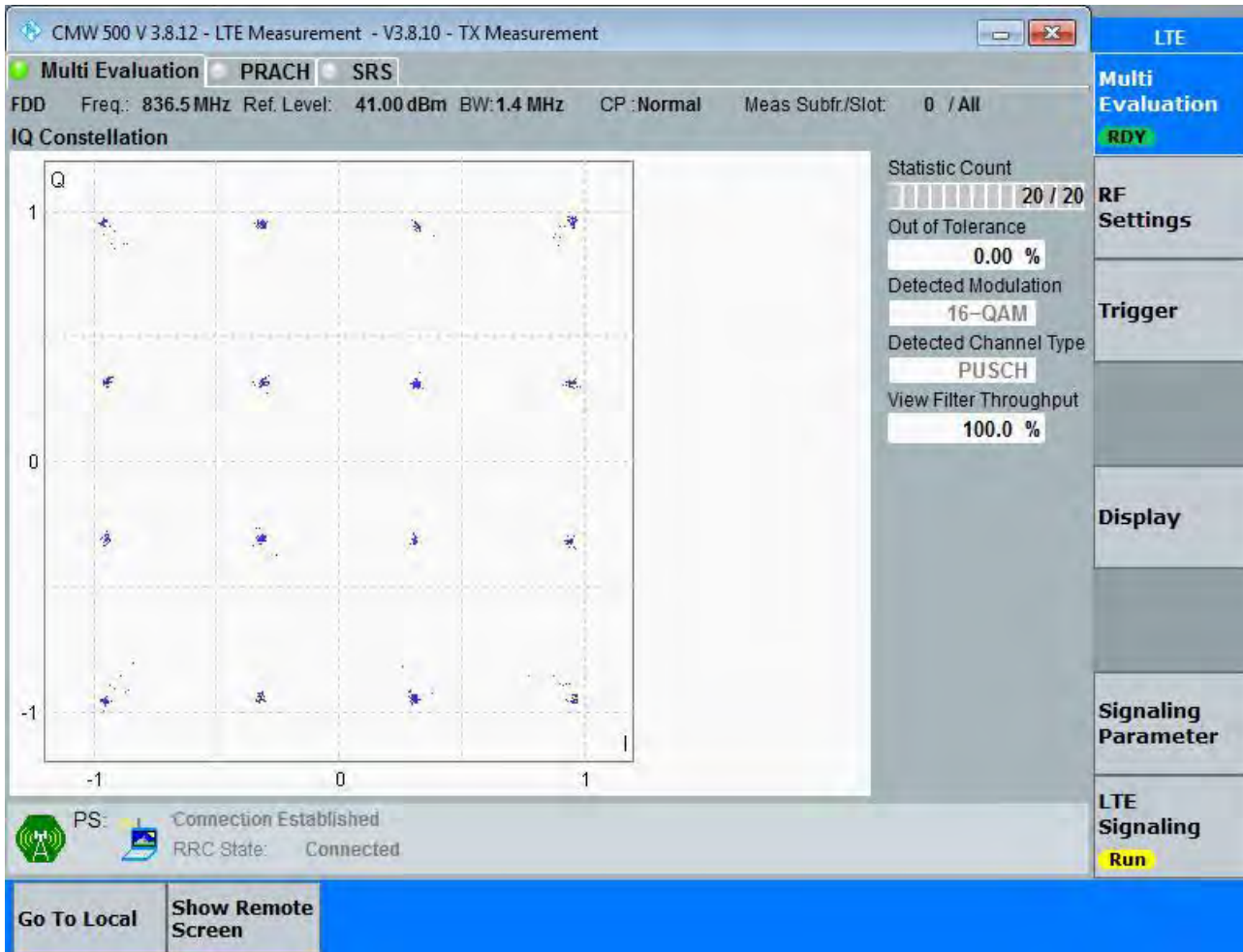


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

###### 3.1.1.2.1.1.1 Test RB = RB6#0

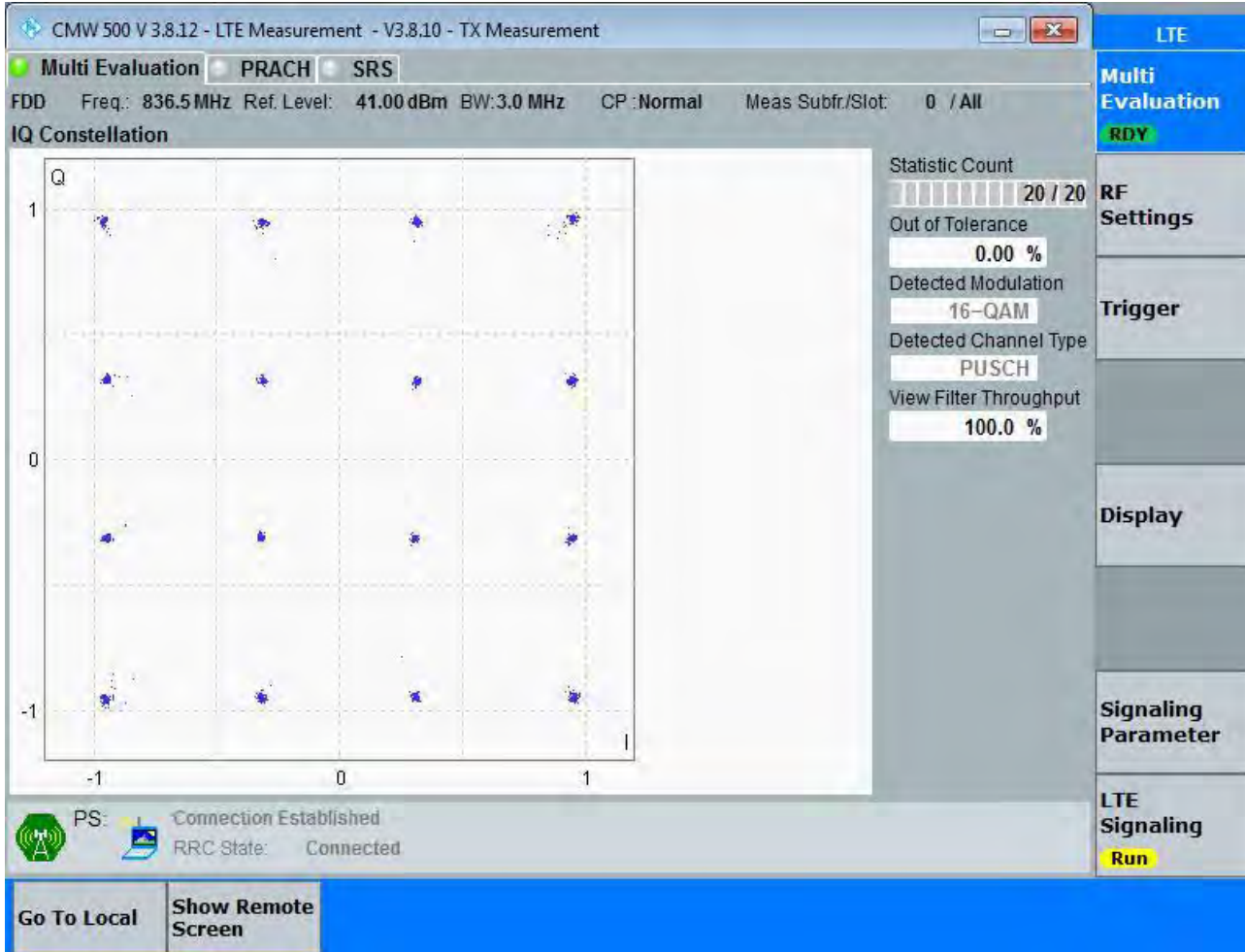




### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

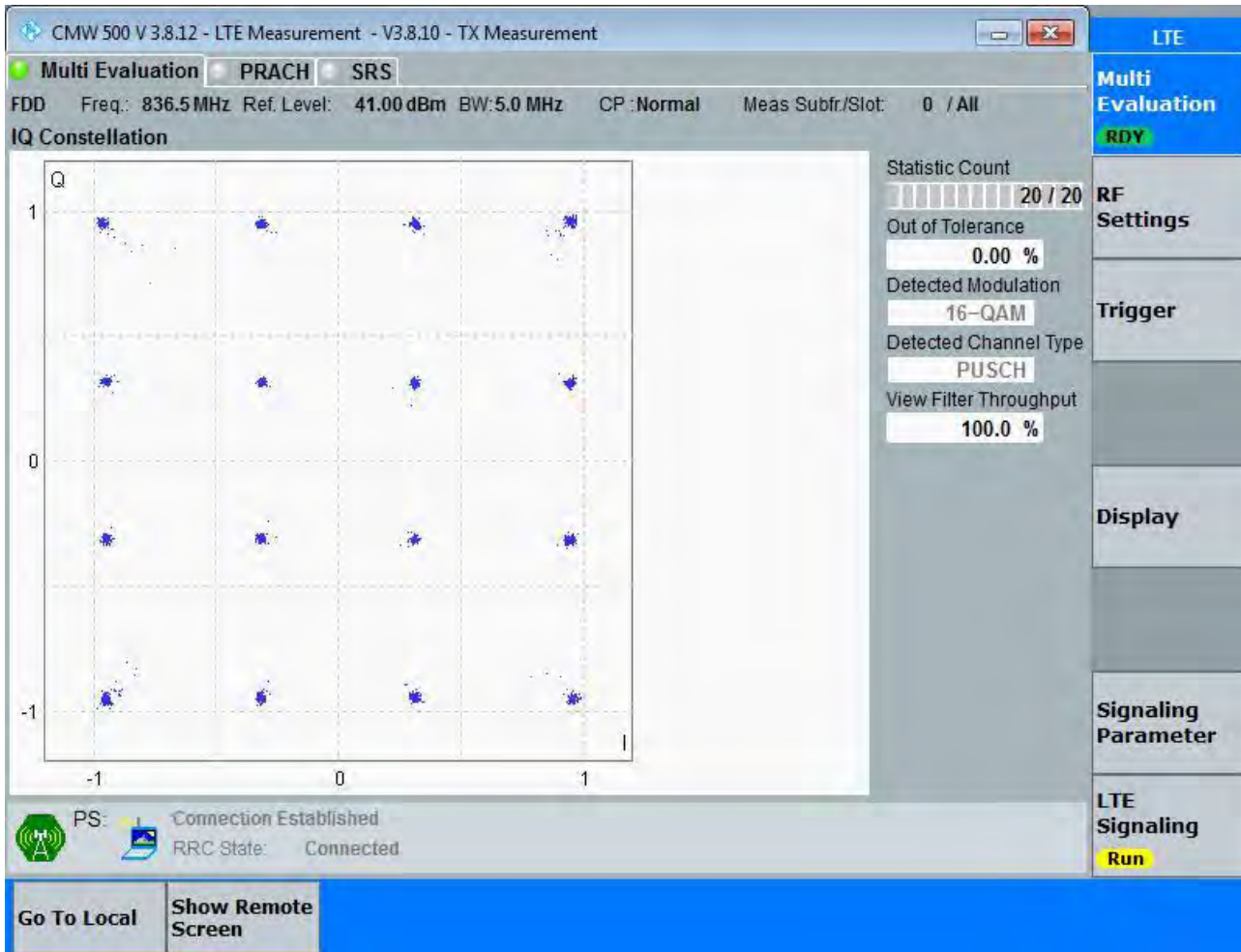
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

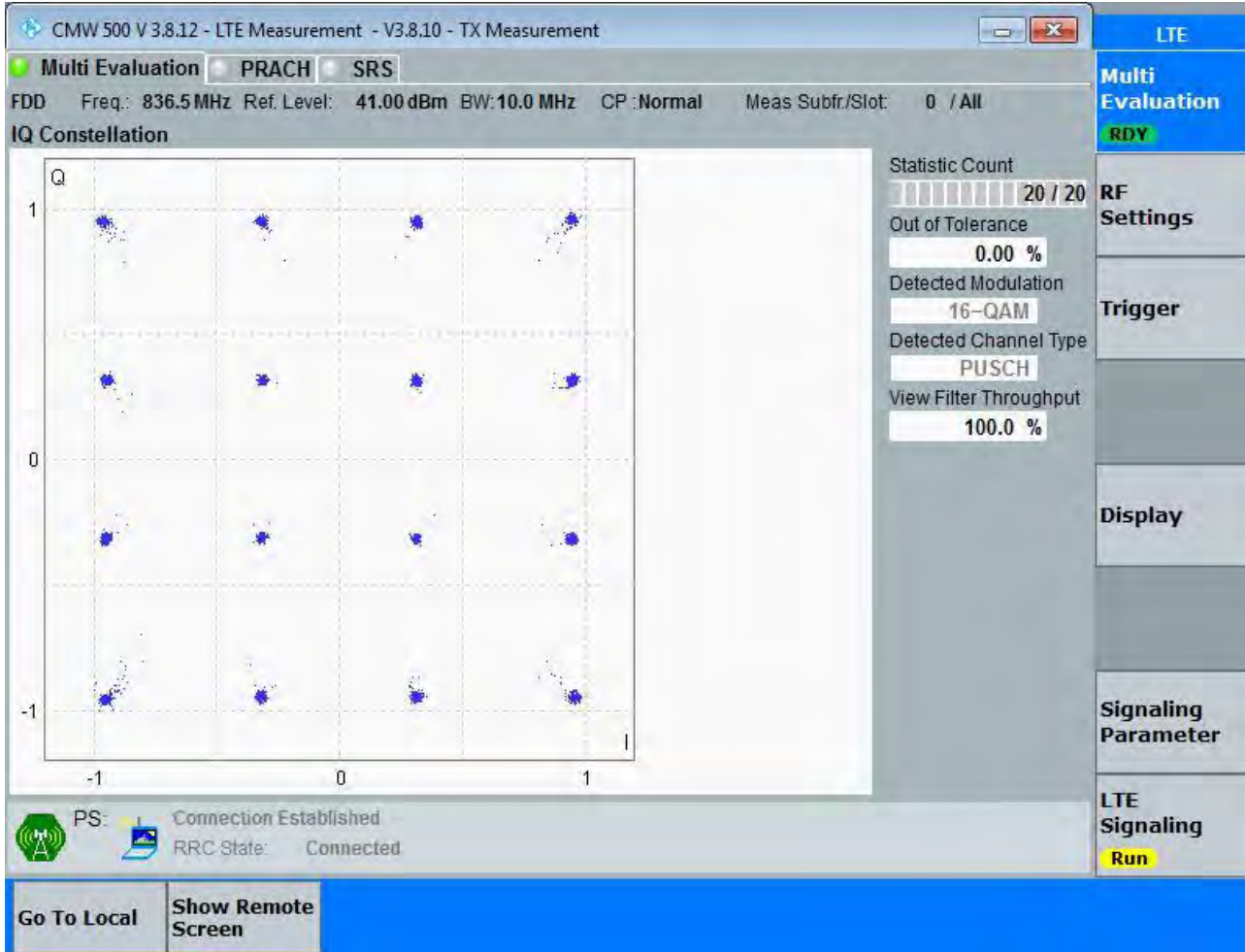
##### 3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0





## 4Appendix\_D: Bandwidth

### Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band5	LTE/TM1	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	3.01	Pass
			MCH	RB15#0	2.70	3.02	Pass
			HCH	RB15#0	2.70	3.00	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.54	4.96	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	8.97	9.85	Pass
			MCH	RB50#0	8.99	9.90	Pass
			HCH	RB50#0	9.01	9.81	Pass
	LTE/TM2	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	2.70	3.01	Pass
			MCH	RB15#0	2.70	3.03	Pass
			HCH	RB15#0	2.70	3.03	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.50	4.95	Pass
10		LCH	RB50#0	8.98	9.87	Pass	
		MCH	RB50#0	9.01	9.87	Pass	
		HCH	RB50#0	8.98	9.81	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

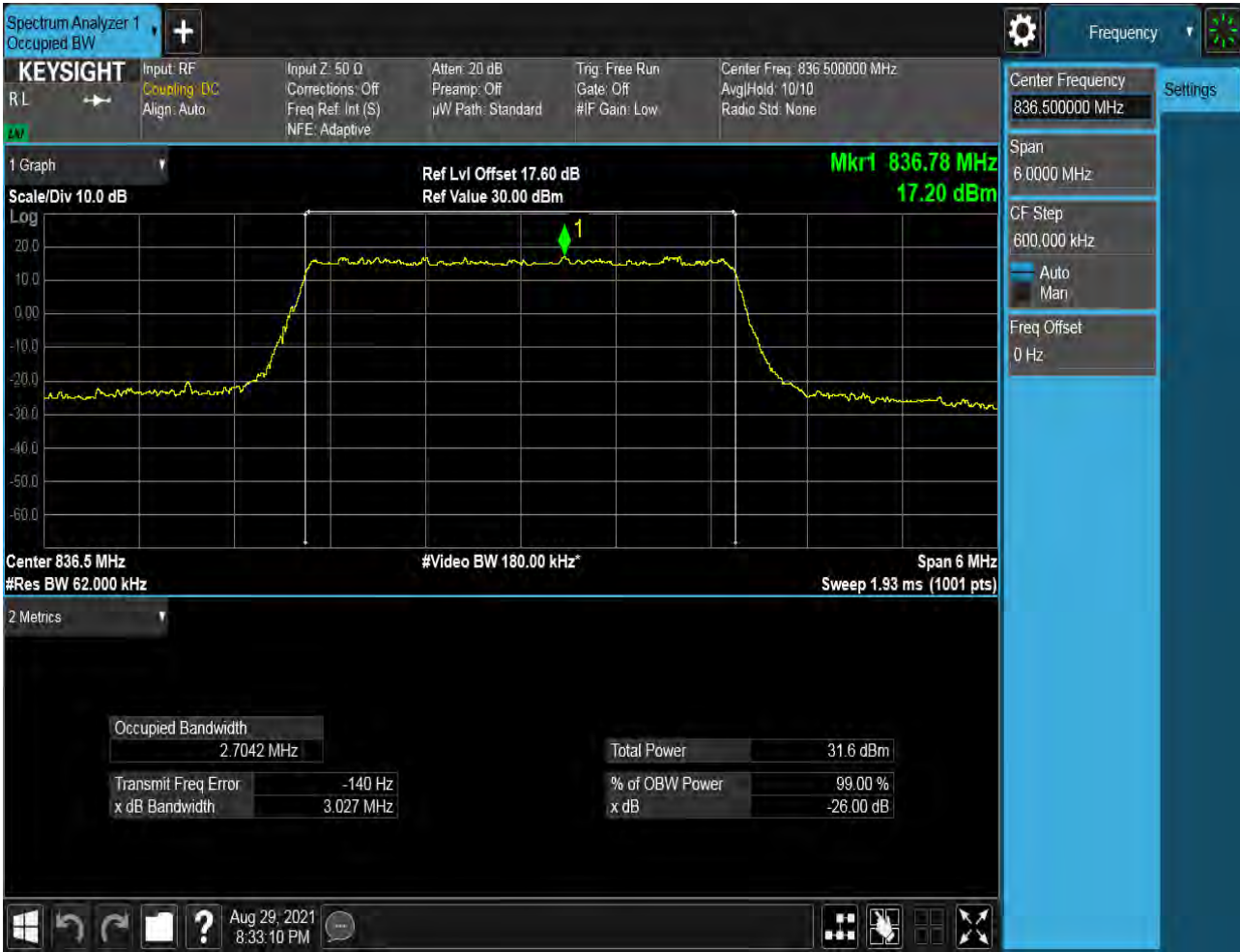
4.1.1.2.2.1 Test Channel = LCH

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

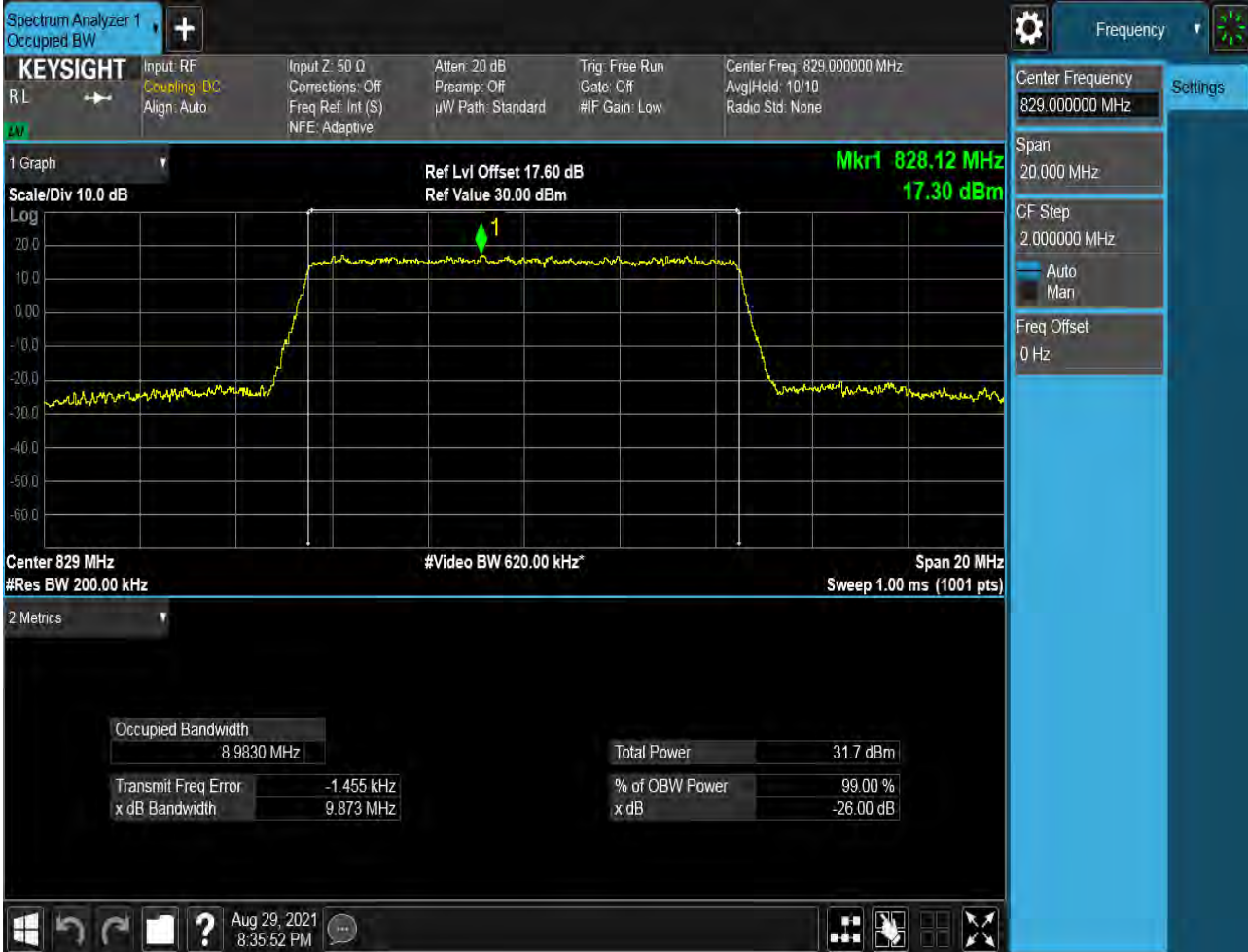
#### 4.1.1.2.3.3.1 Test RB = RB25#0



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

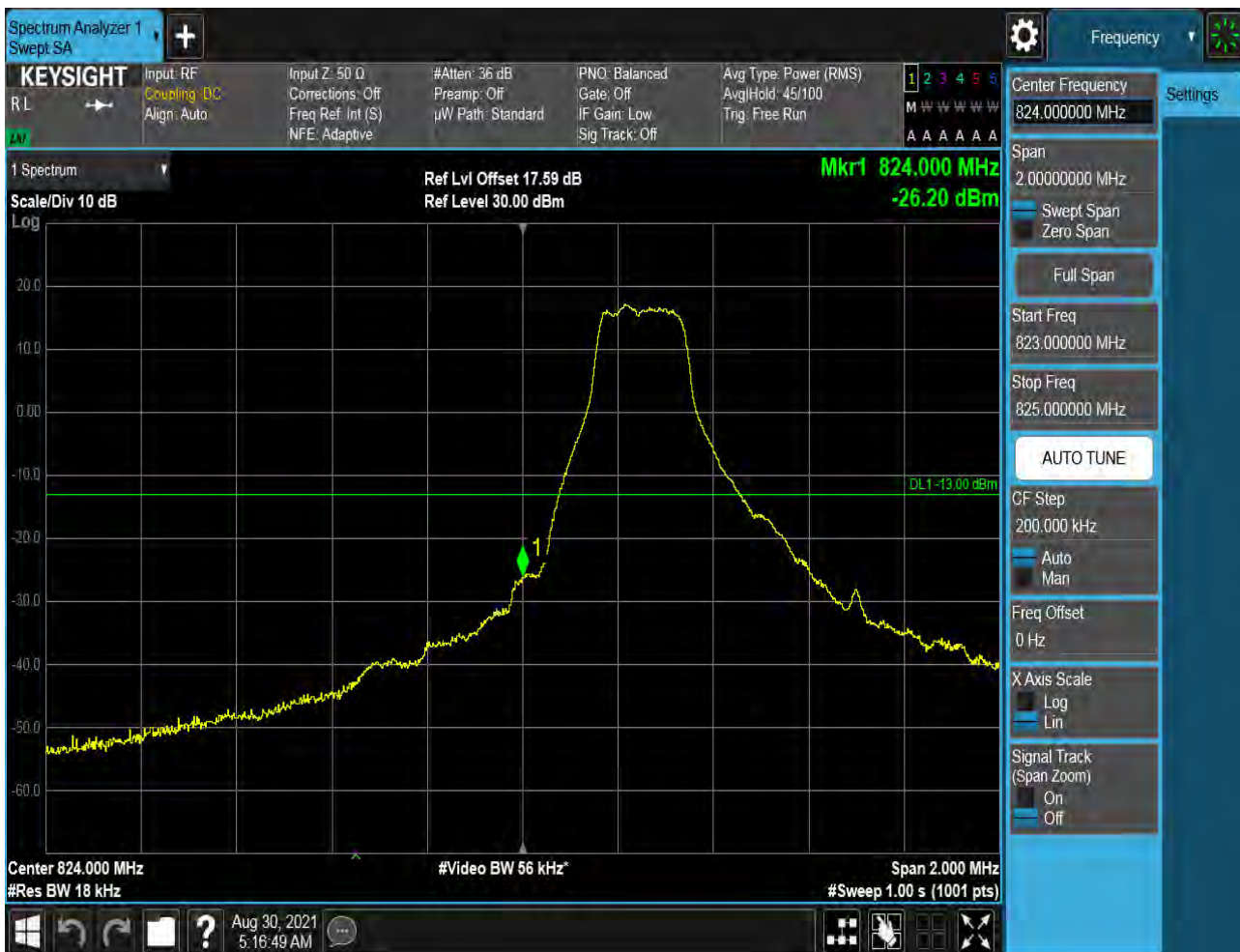
##### 5.1.1 Test Band = Band5

##### 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

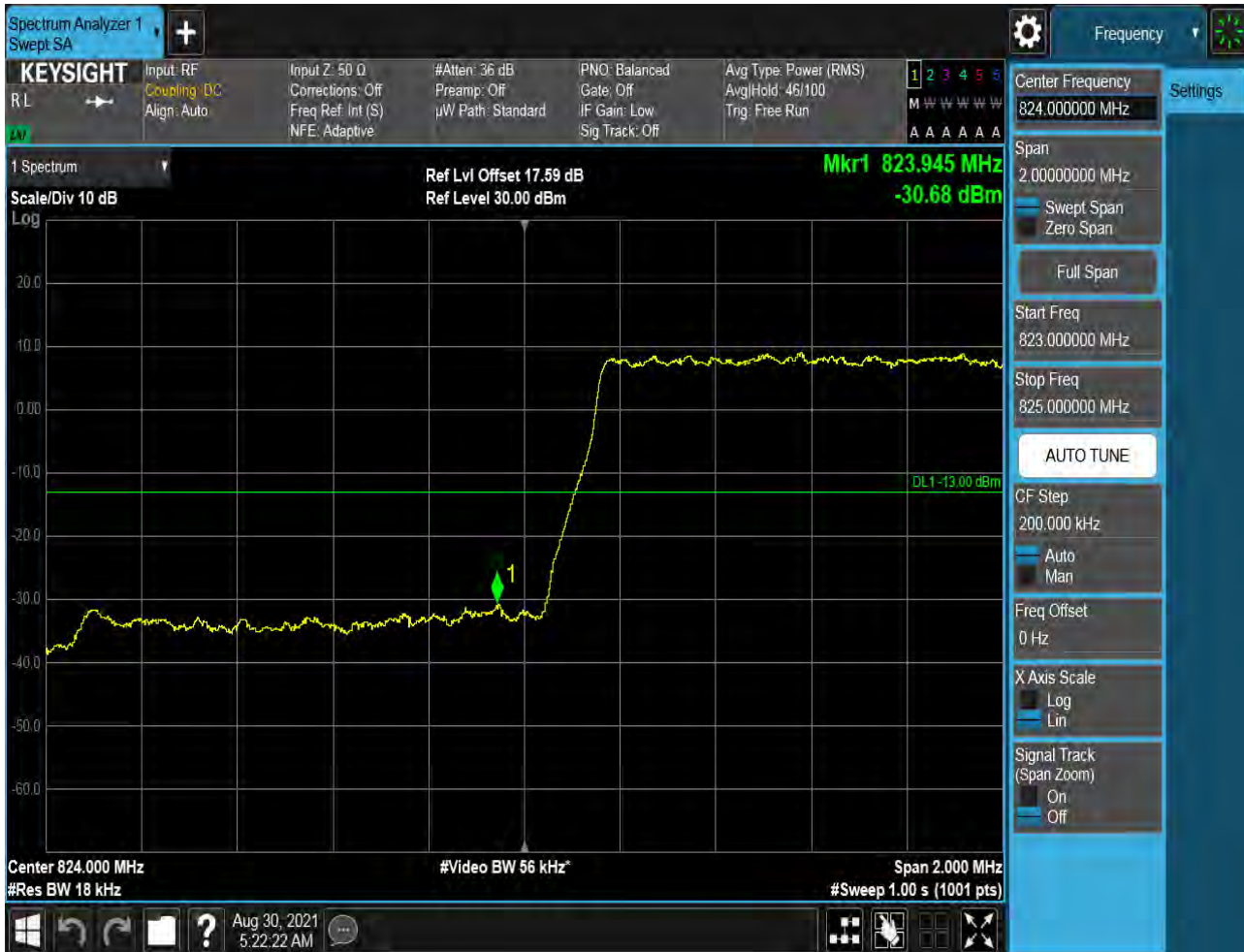


## 5.1.1.1.1.3 Test RB = RB3#2





## 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

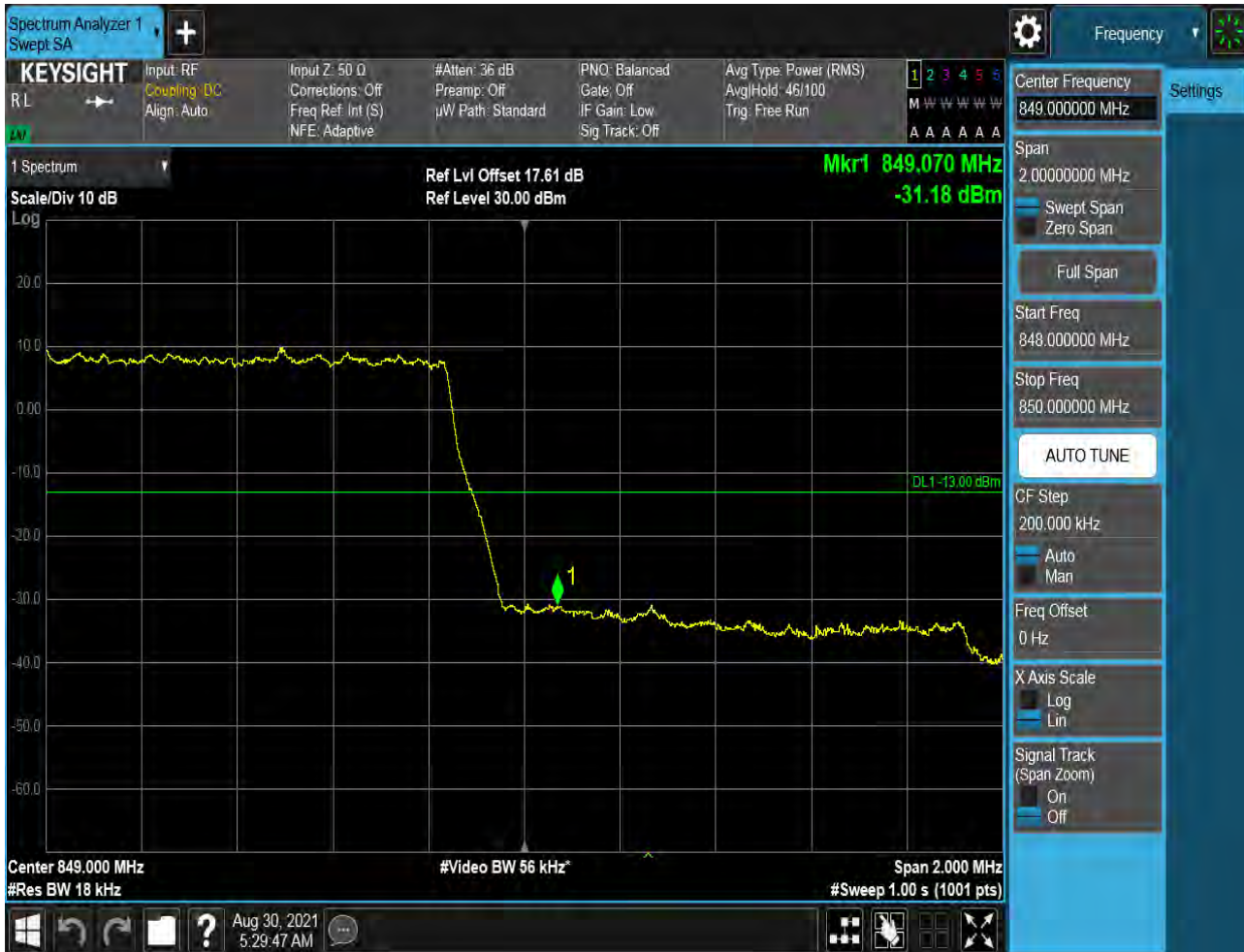




## 5.1.1.1.1.2.3 Test RB = RB3#2



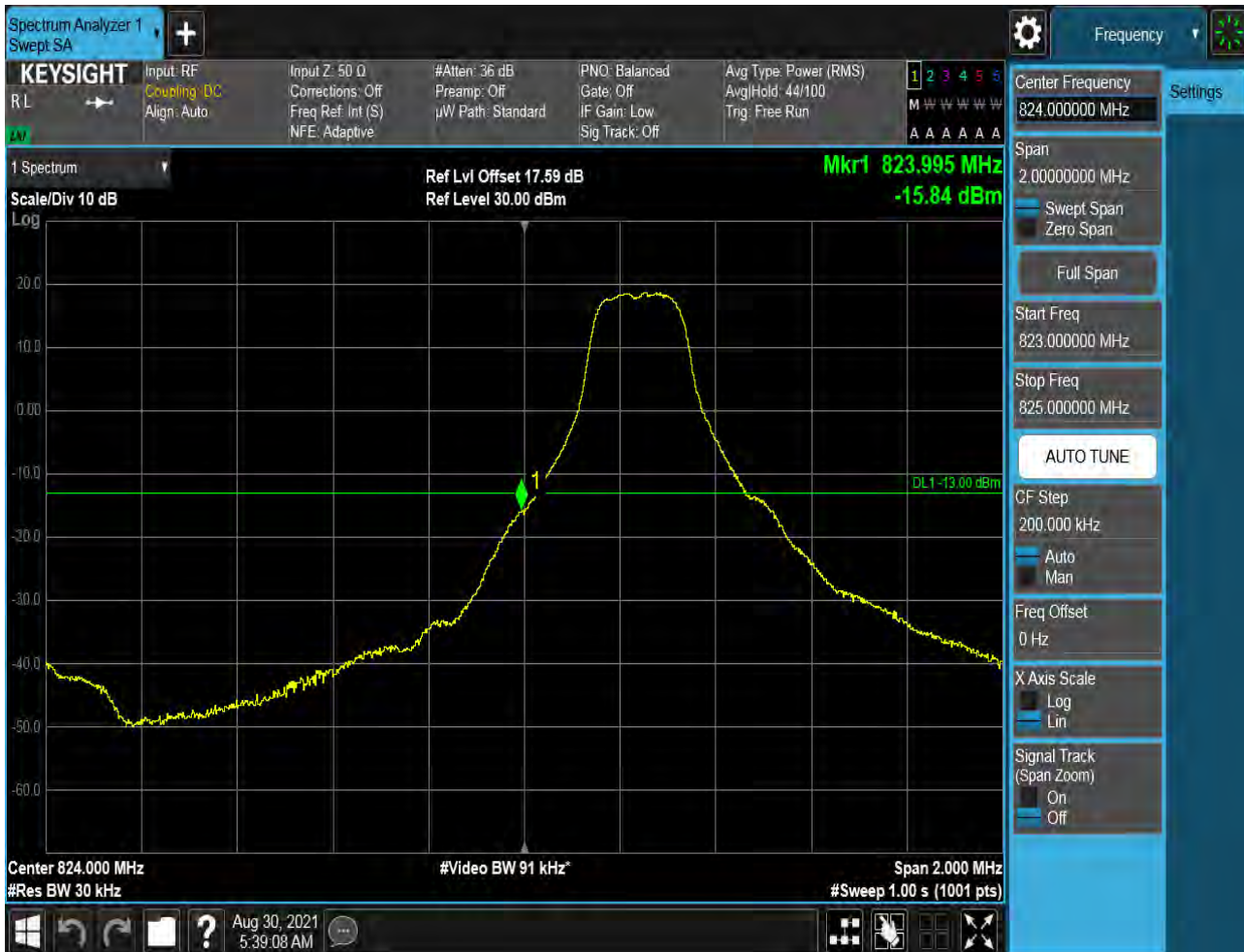
## 5.1.1.1.2.4 Test RB = RB6#0



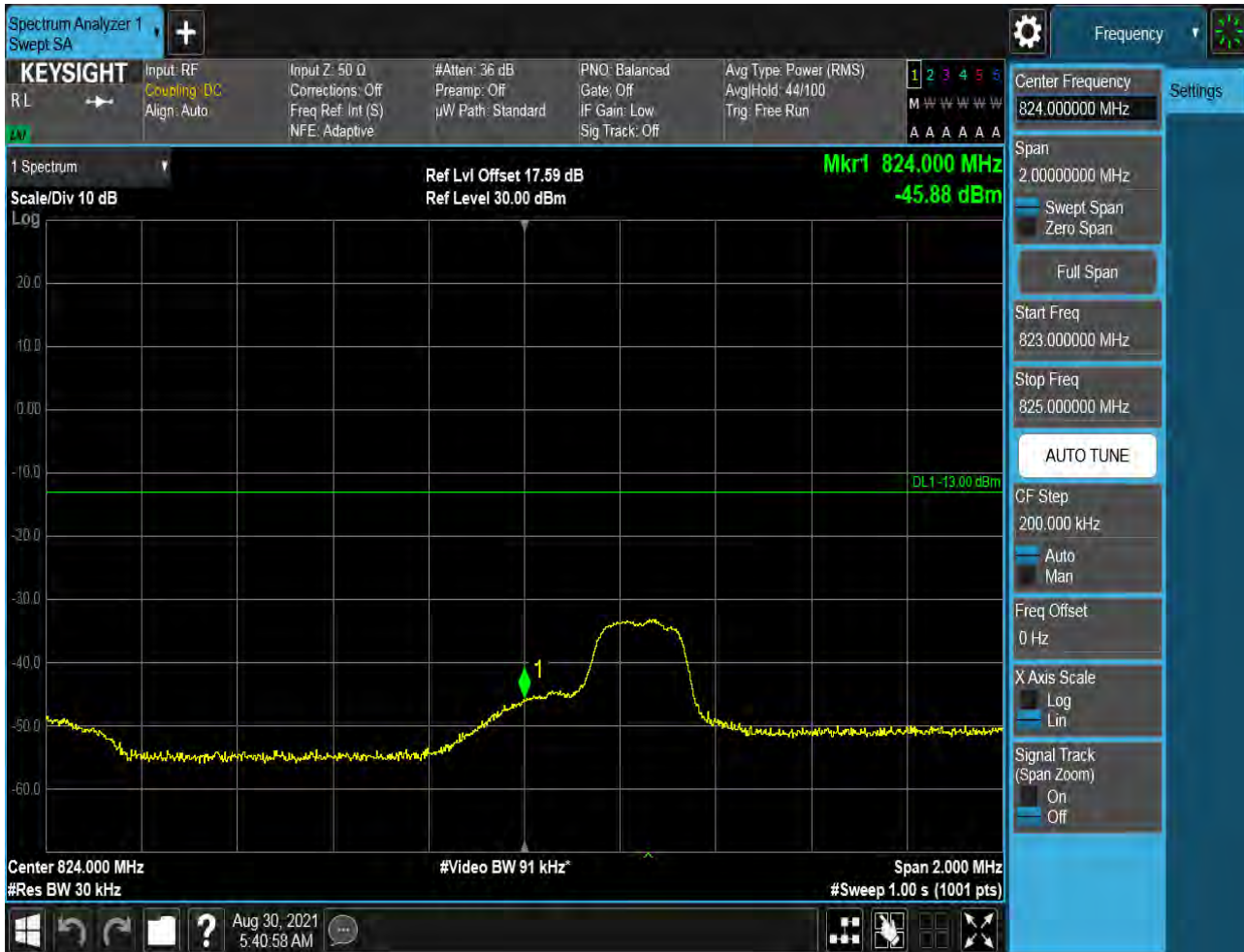
### 5.1.1.1.2 Test Bandwidth = 3

#### 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









## 5.1.1.1.2.2.3 Test RB = RB8#4



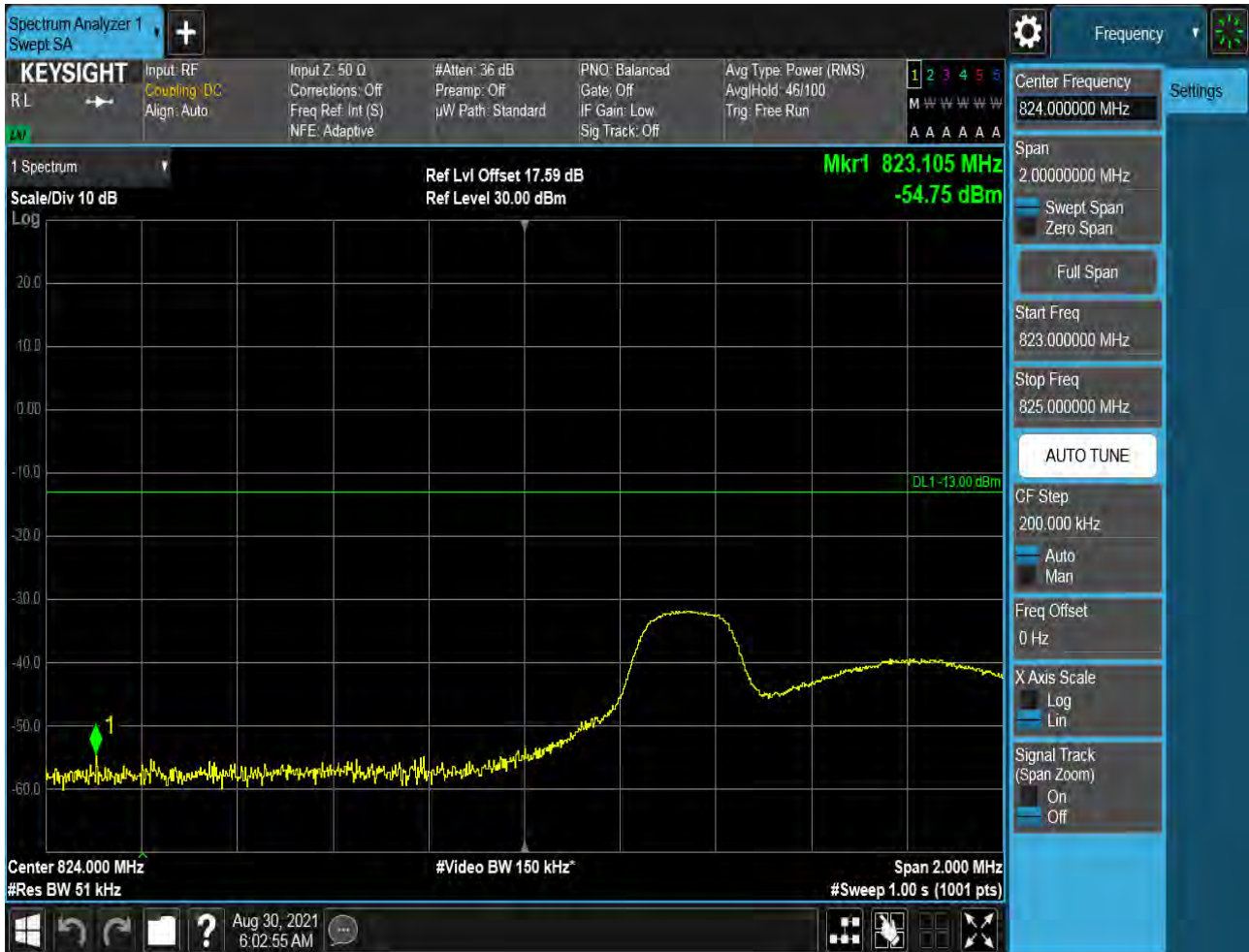
## 5.1.1.1.2.2.4 Test RB = RB15#0







## 5.1.1.1.3.1.2 Test RB = RB1#24



## 5.1.1.1.3.1.3 Test RB = RB12#6



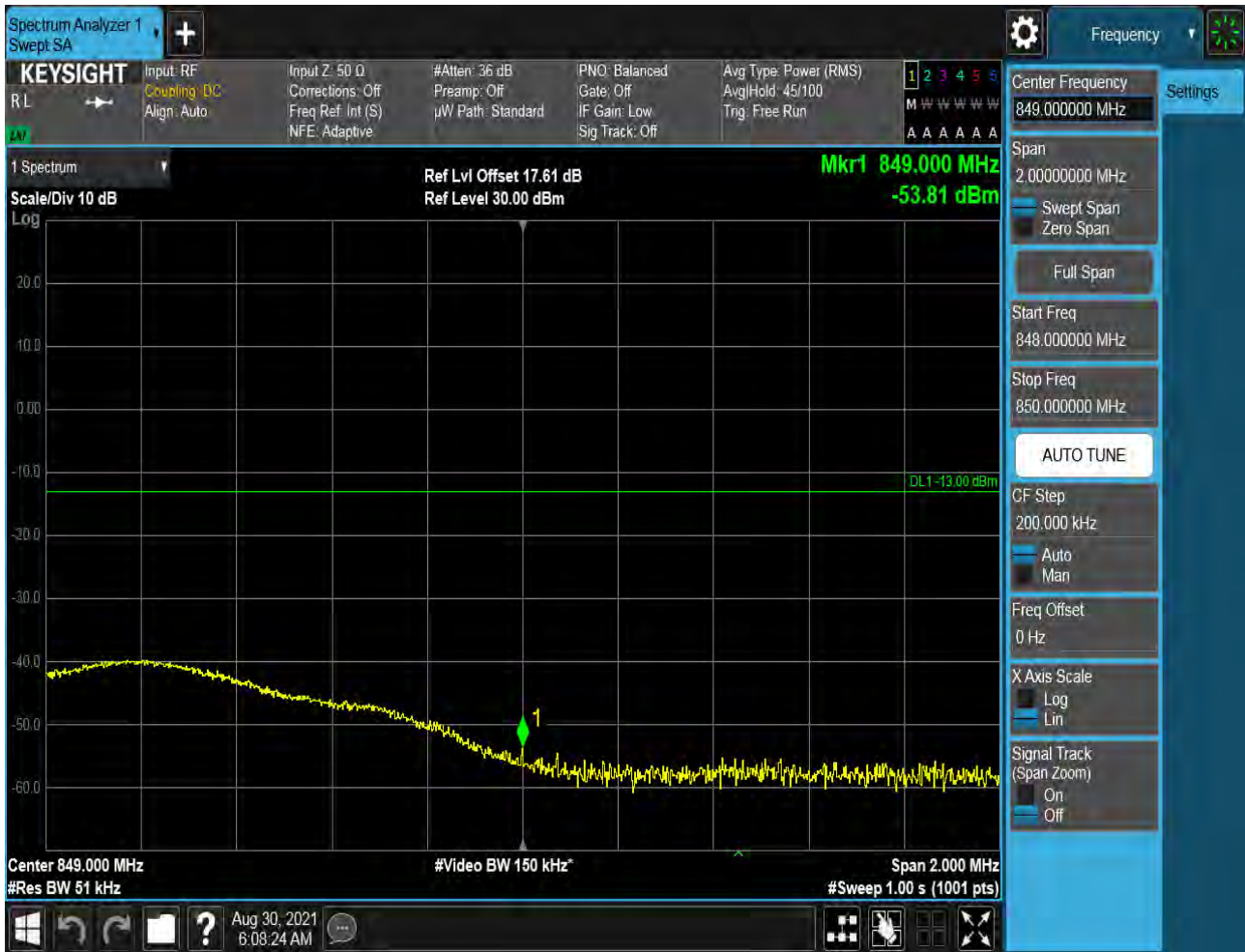


## 5.1.1.1.3.1.4 Test RB = RB25#0

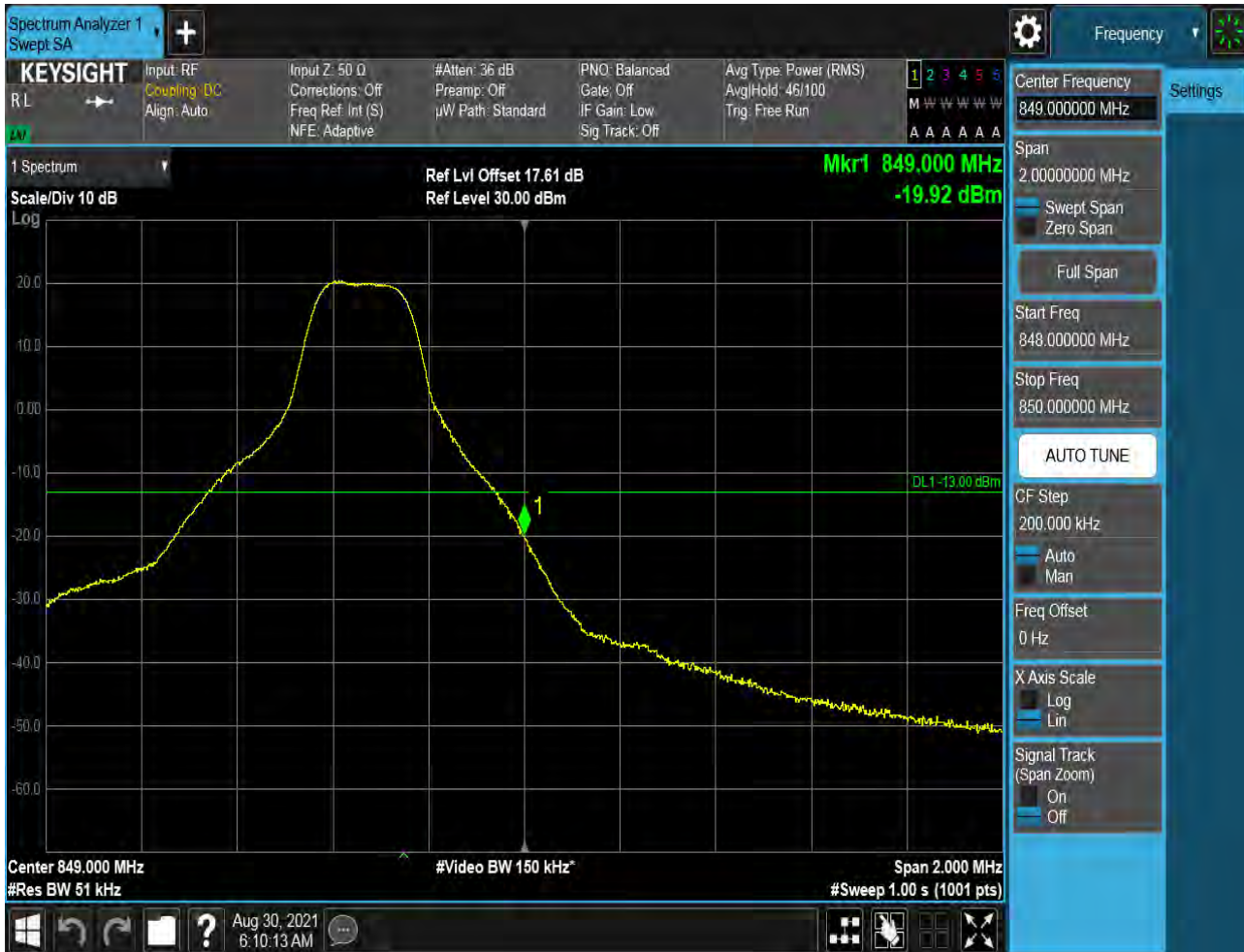


## 5.1.1.1.3.2 Test Channel = HCH

## 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

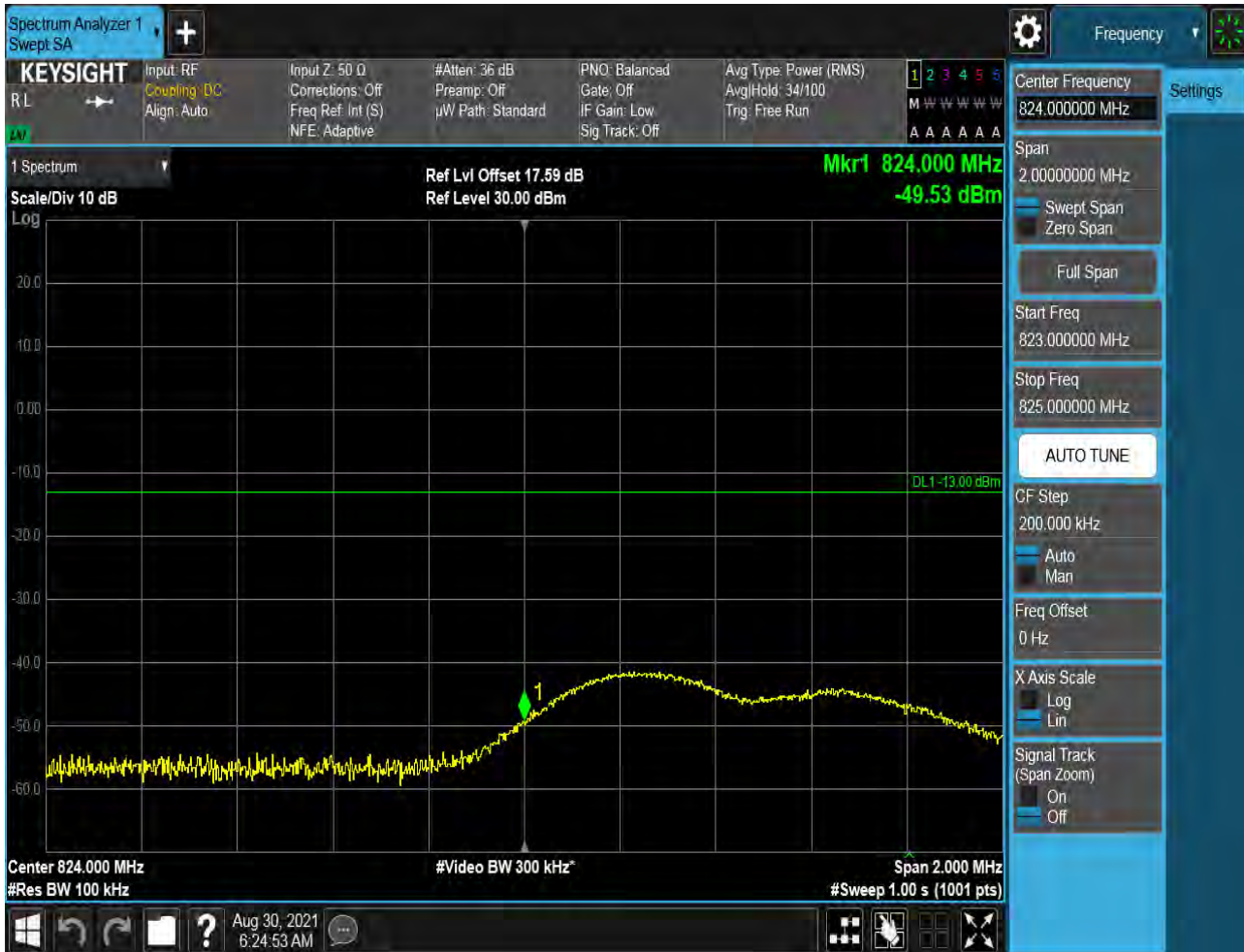
#### 5.1.1.1.4.1 Test Channel = LCH

##### 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

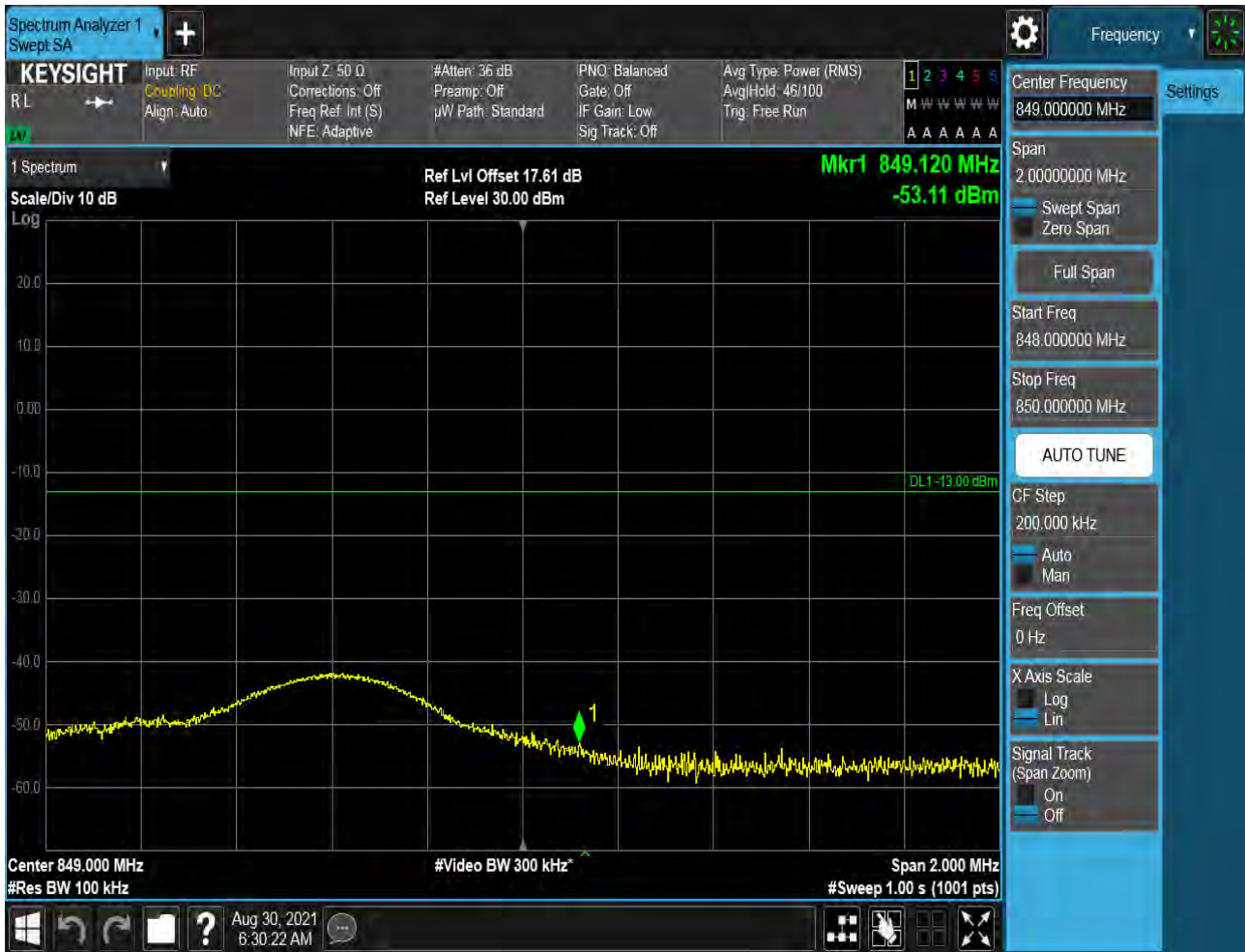


5.1.1.1.4.1.4 Test RB = RB50#0



## 5.1.1.1.4.2 Test Channel = HCH

## 5.1.1.1.4.2.1 Test RB = RB1#0



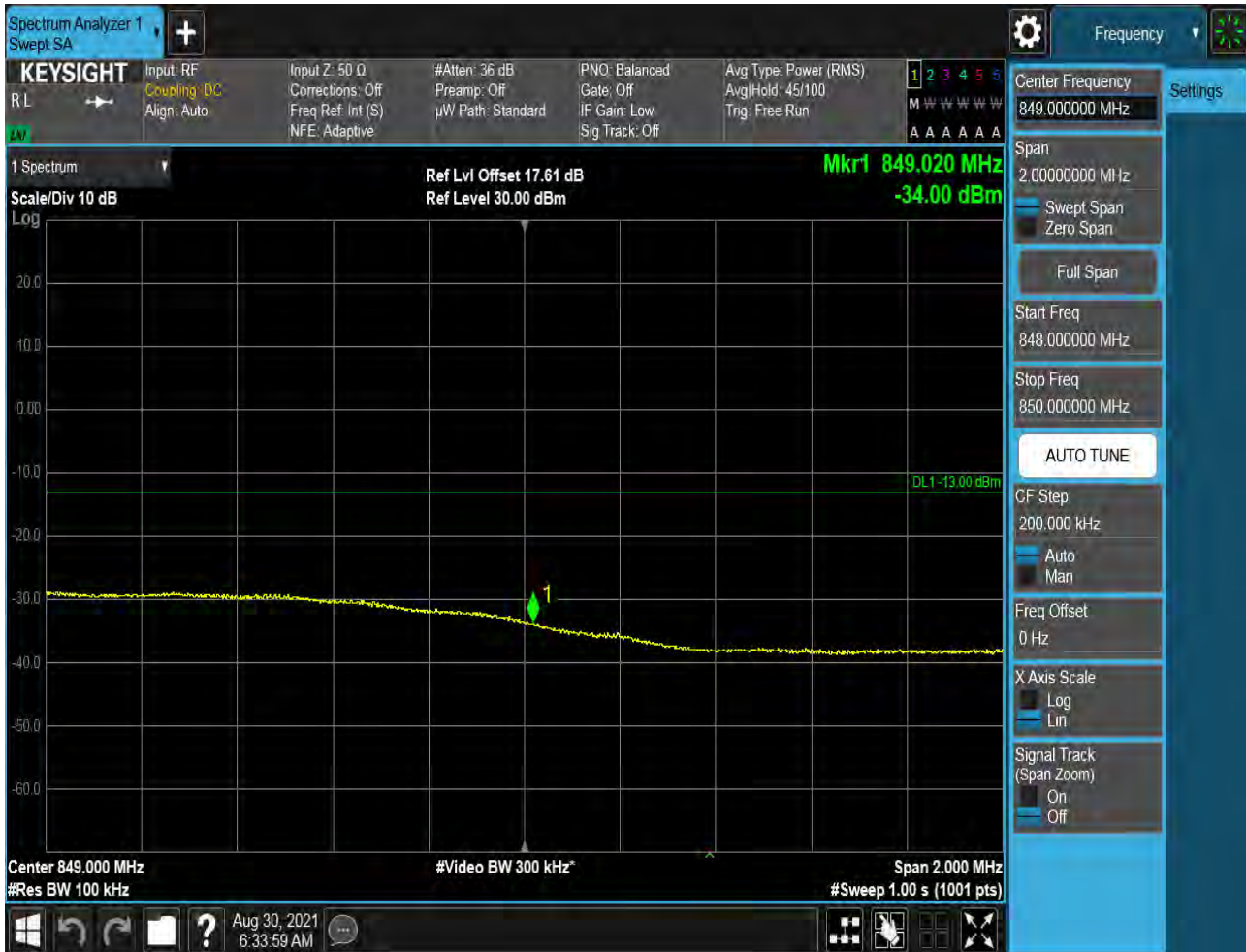


## 5.1.1.1.4.2.2 Test RB = RB1#49





## 5.1.1.1.4.2.3 Test RB = RB25#13



## 5.1.1.1.4.2.4 Test RB = RB50#0

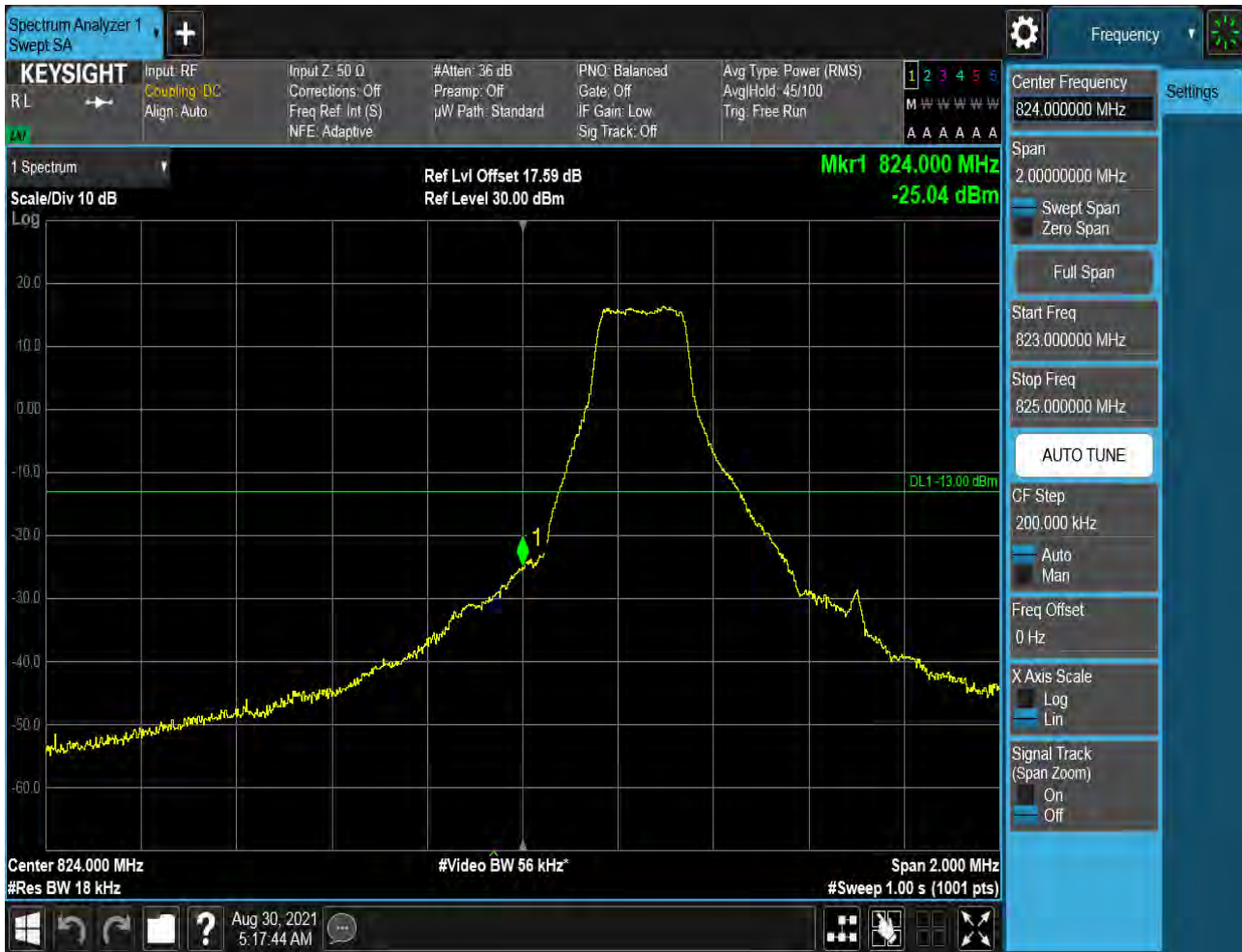


### 5.1.1.2 Test Mode = LTE/TM2

#### 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



## 5.1.1.2.1.1.2 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

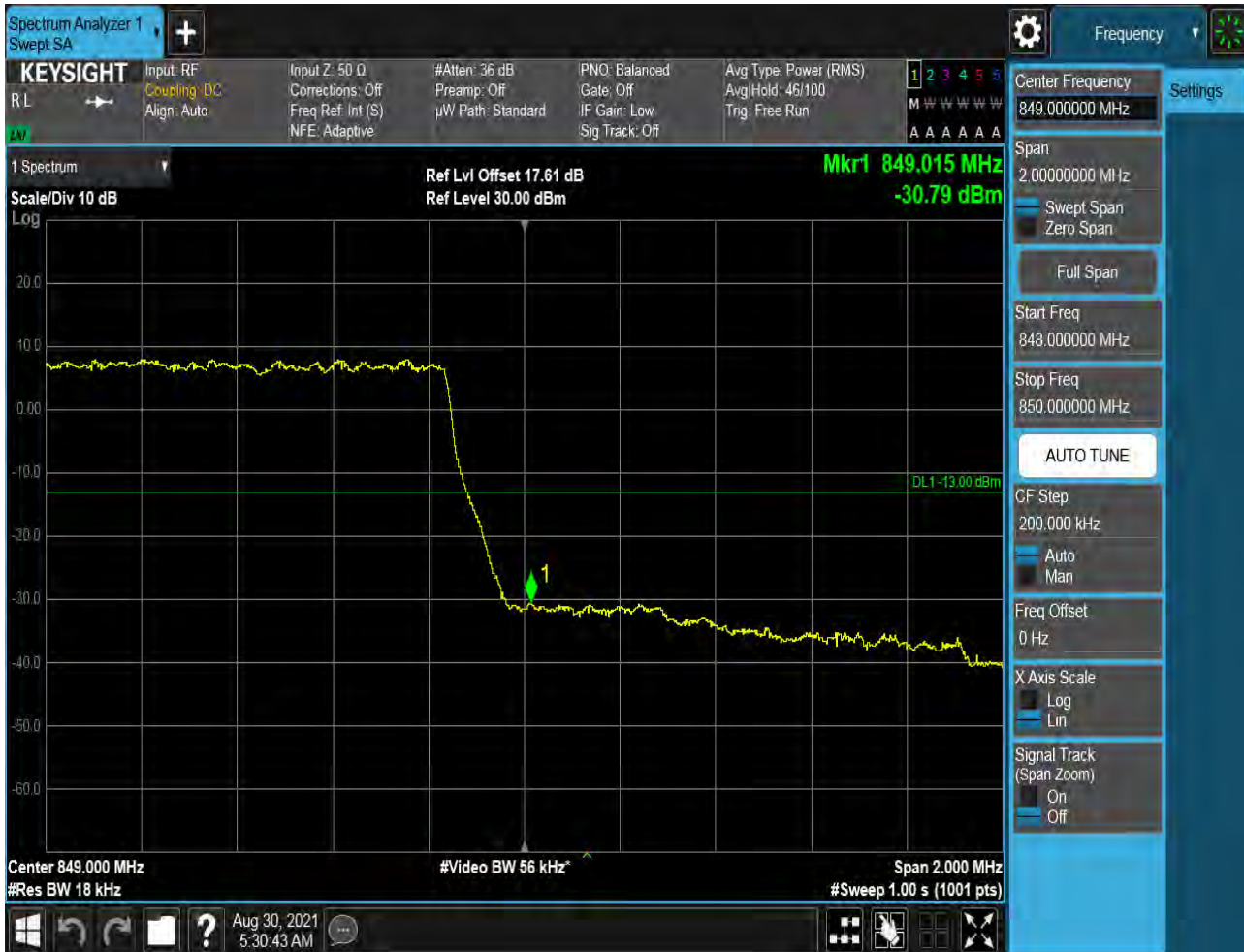


## 5.1.1.2.1.2.3 Test RB = RB3#2





## 5.1.1.2.1.2.4 Test RB = RB6#0

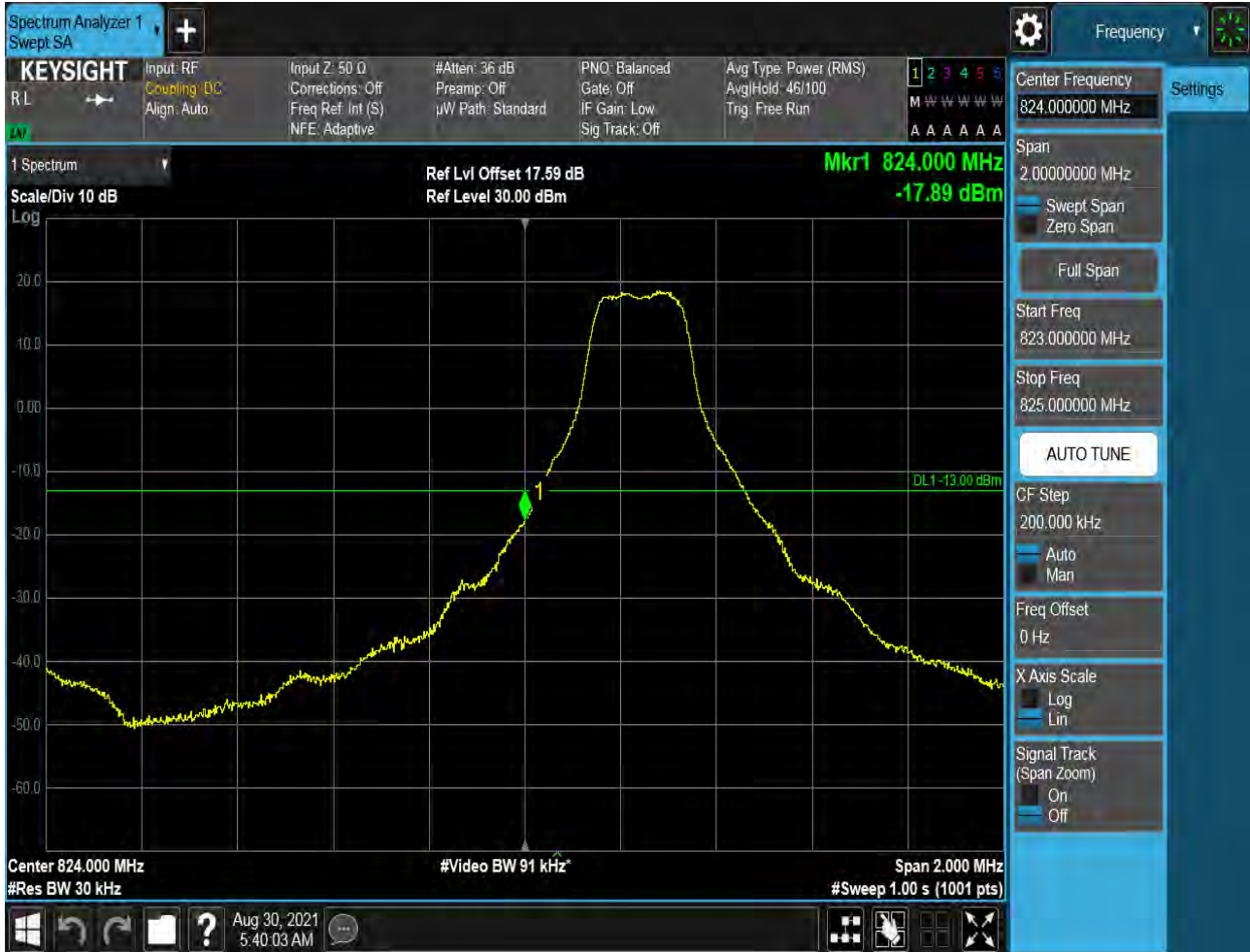




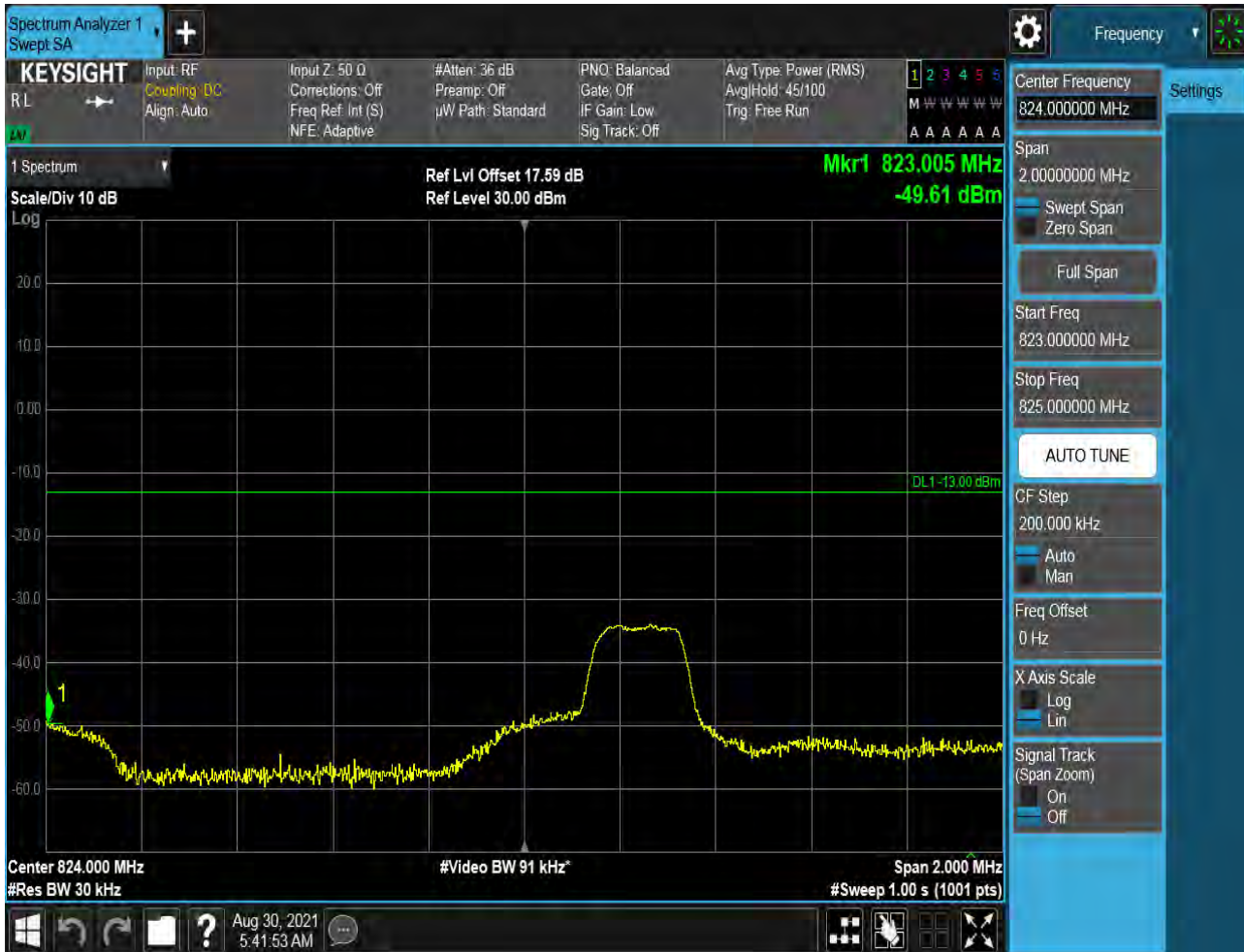
### 5.1.1.2.2 Test Bandwidth = 3

#### 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











## 5.1.1.2.2.3 Test RB = RB8#4



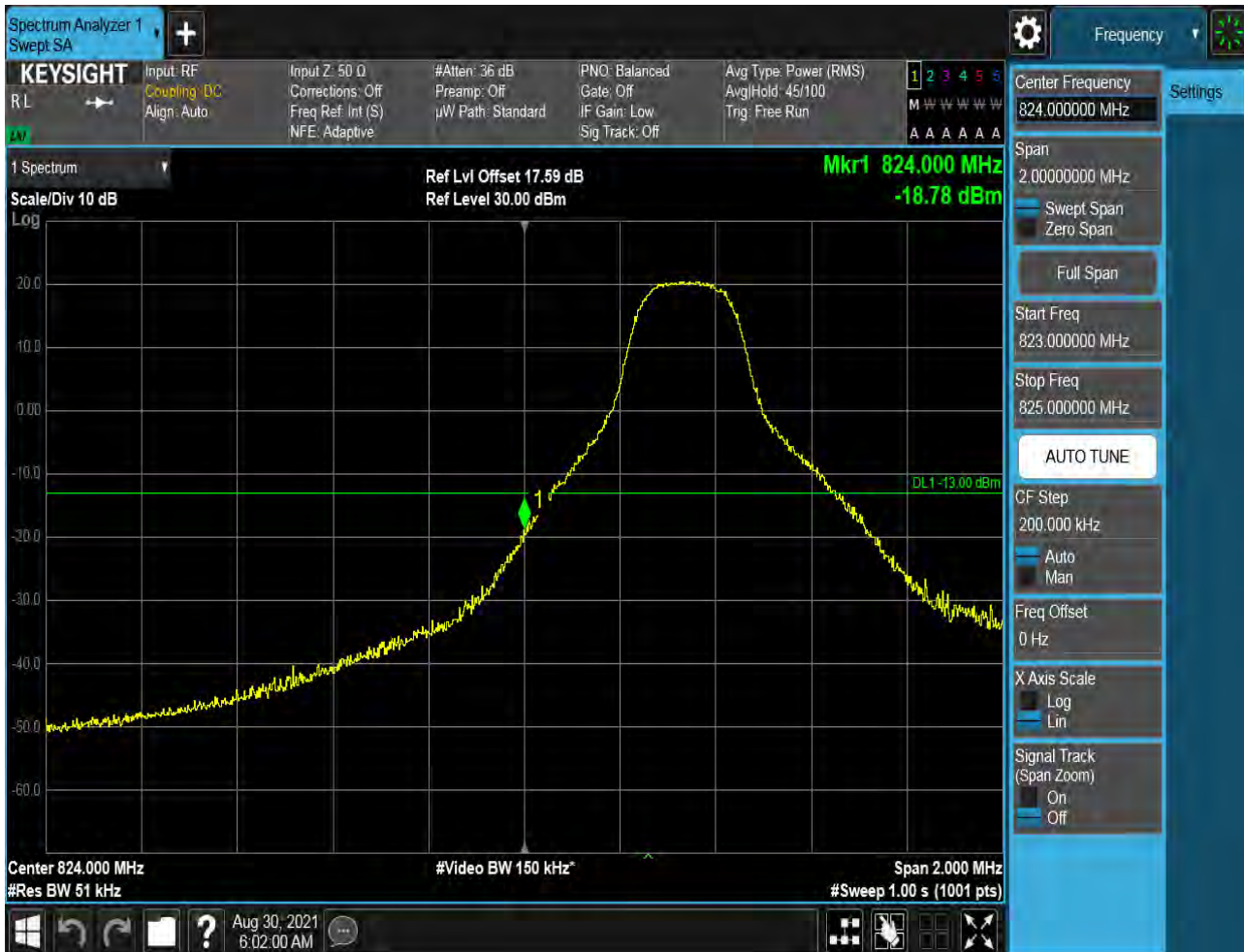
## 5.1.1.2.2.4 Test RB = RB15#0



### 5.1.1.2.3 Test Bandwidth = 5

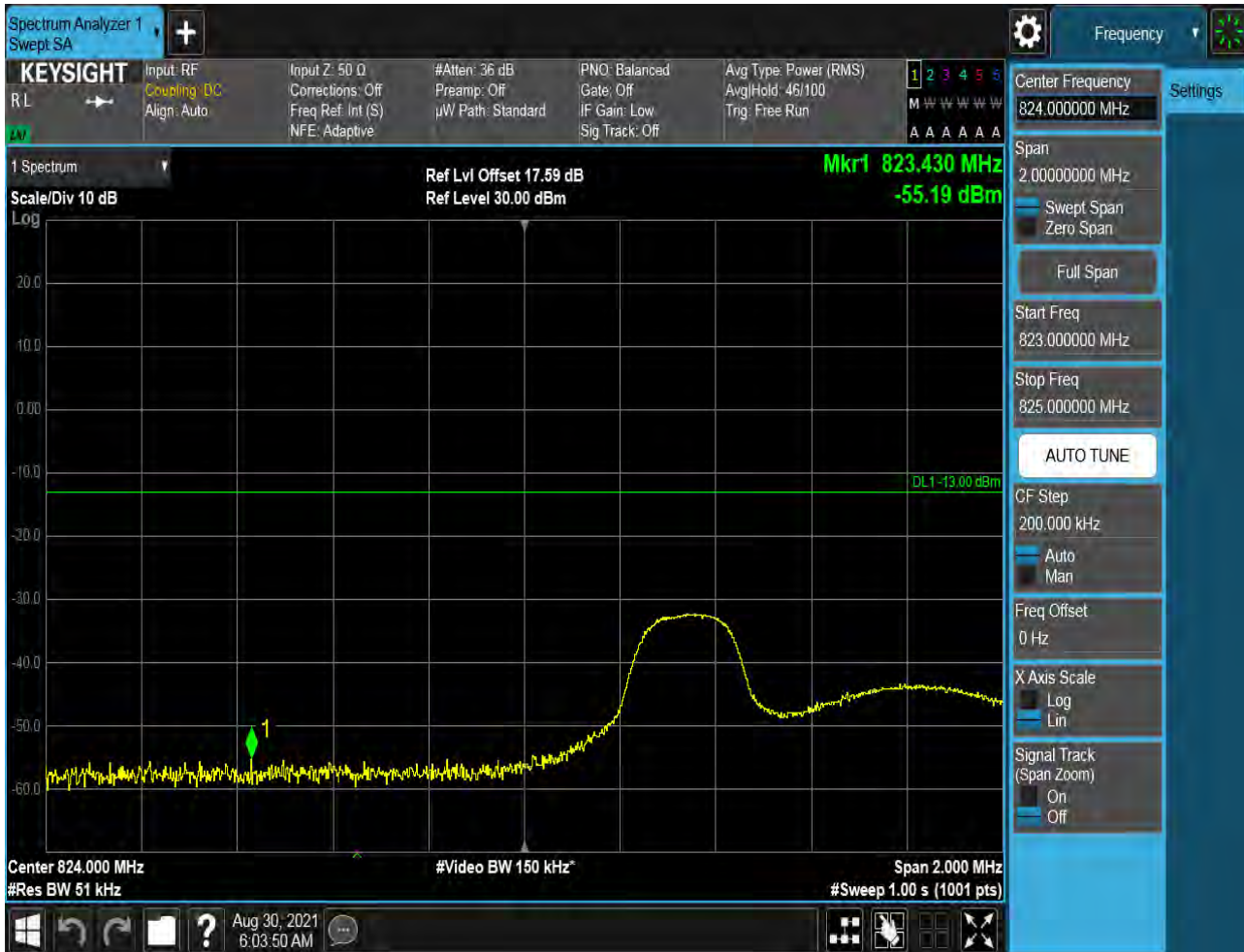
#### 5.1.1.2.3.1 Test Channel = LCH

##### 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

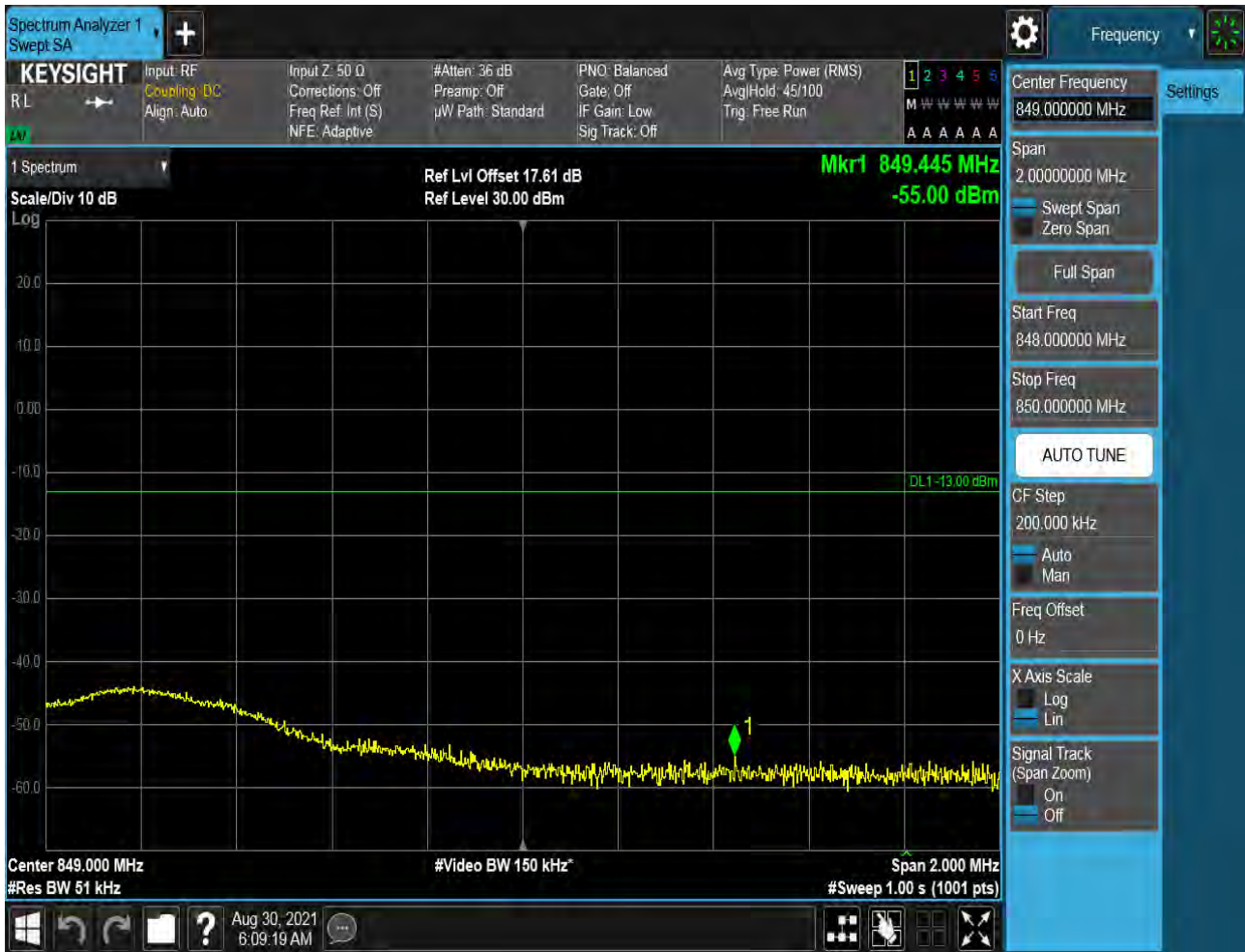


## 5.1.1.2.3.1.4 Test RB = RB25#0

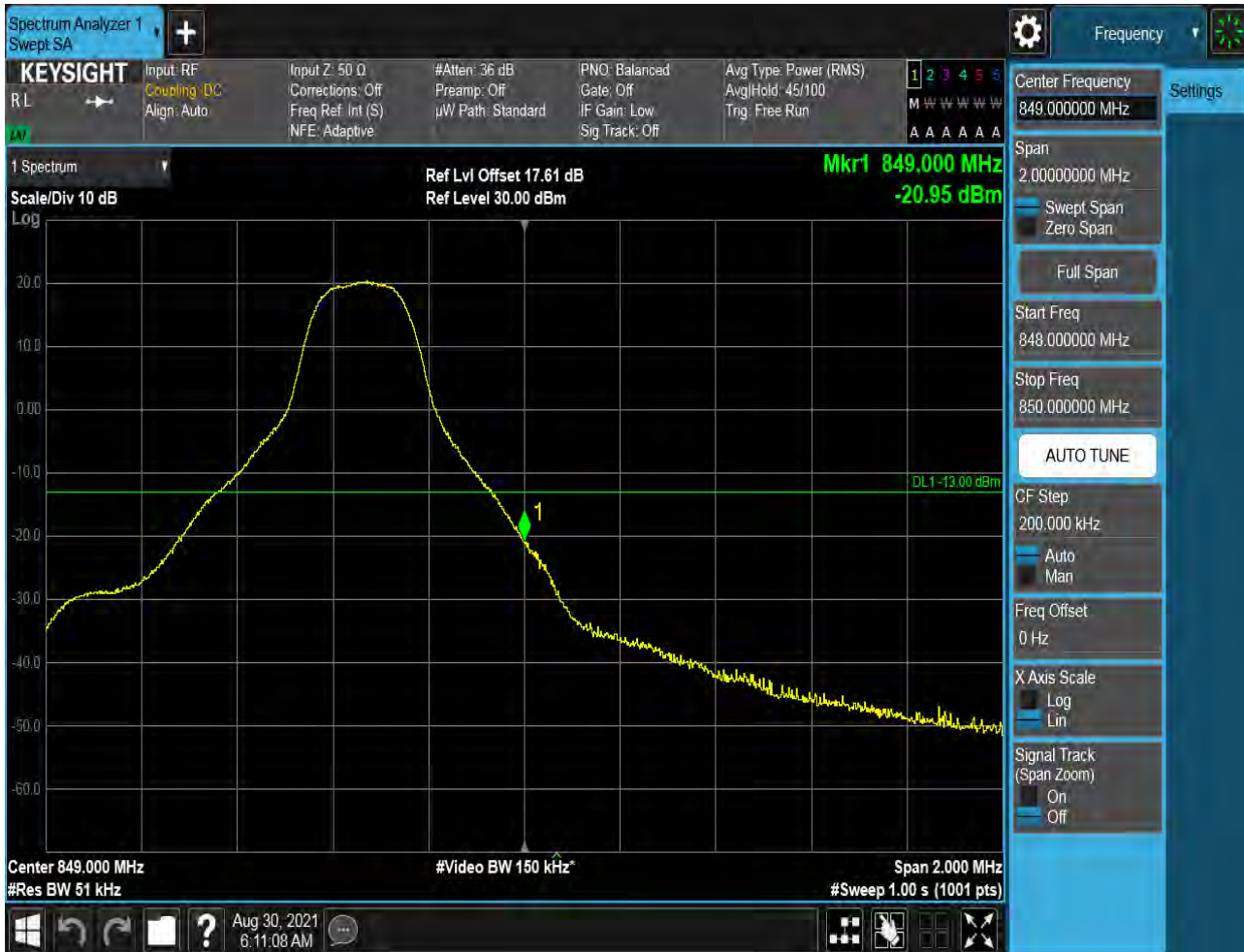


## 5.1.1.2.3.2 Test Channel = HCH

## 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







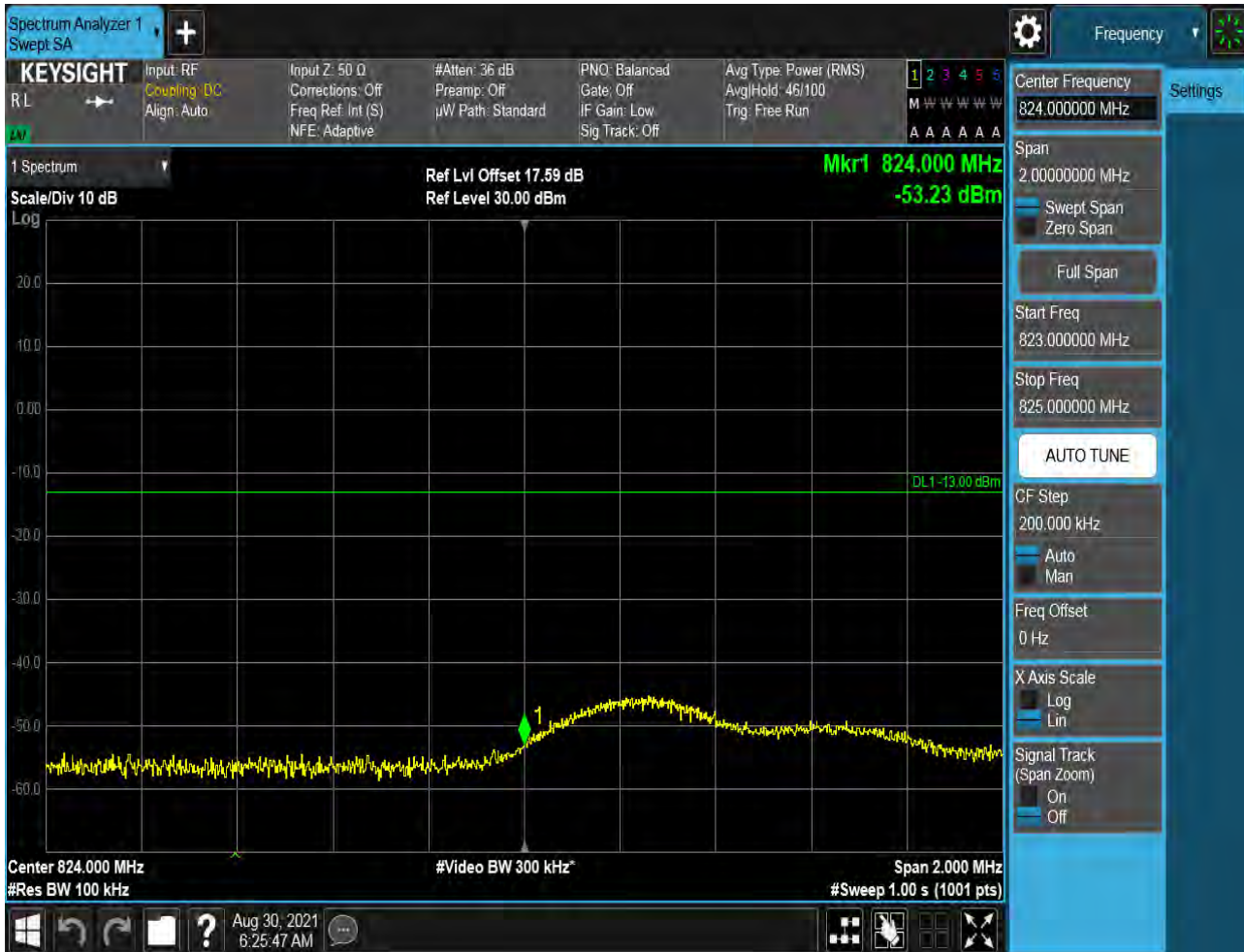
### 5.1.1.2.4 Test Bandwidth = 10

#### 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





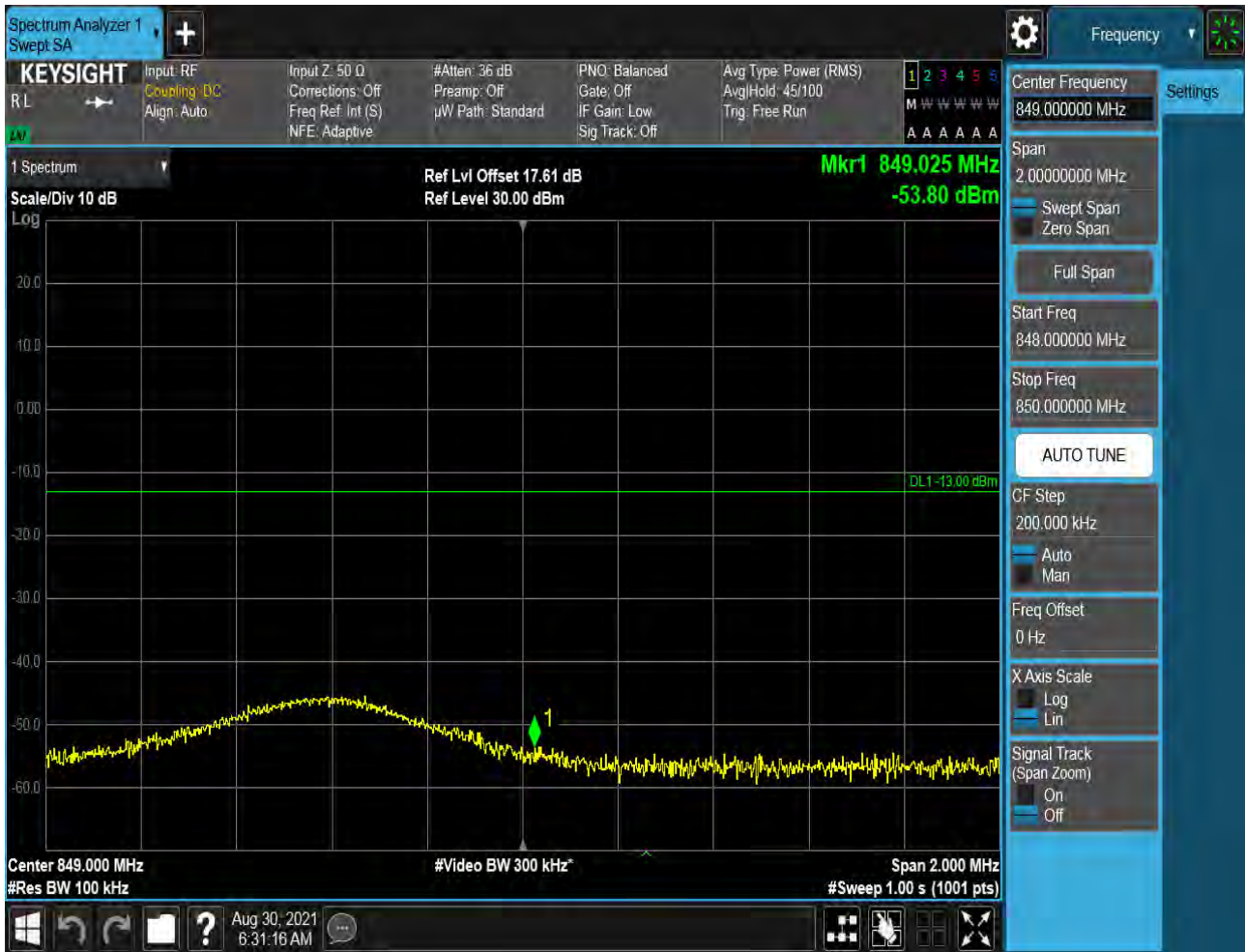
## 5.1.1.2.4.1.4 Test RB = RB50#0





## 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

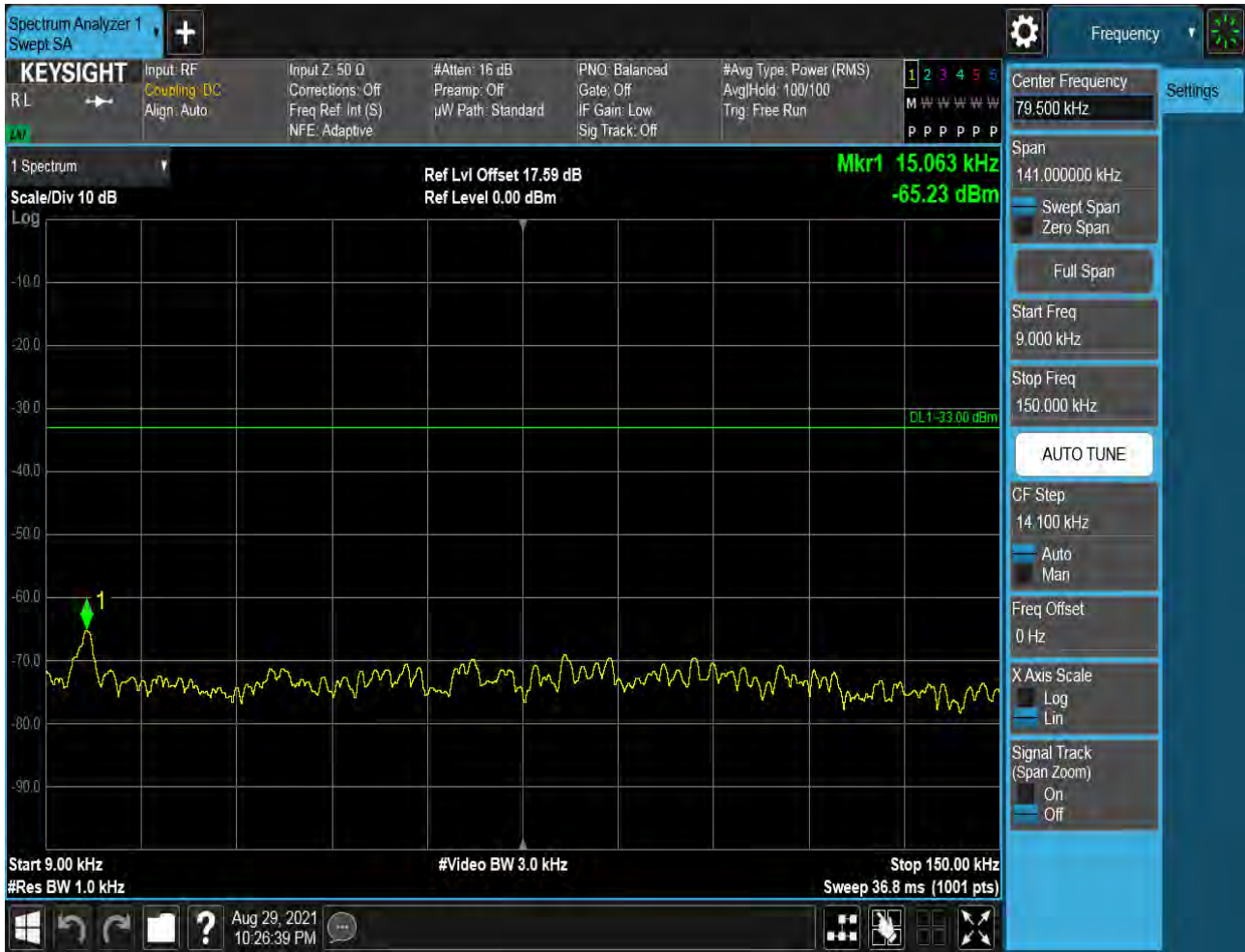
##### 6.1.1.1 Test Mode = LTE/TM1

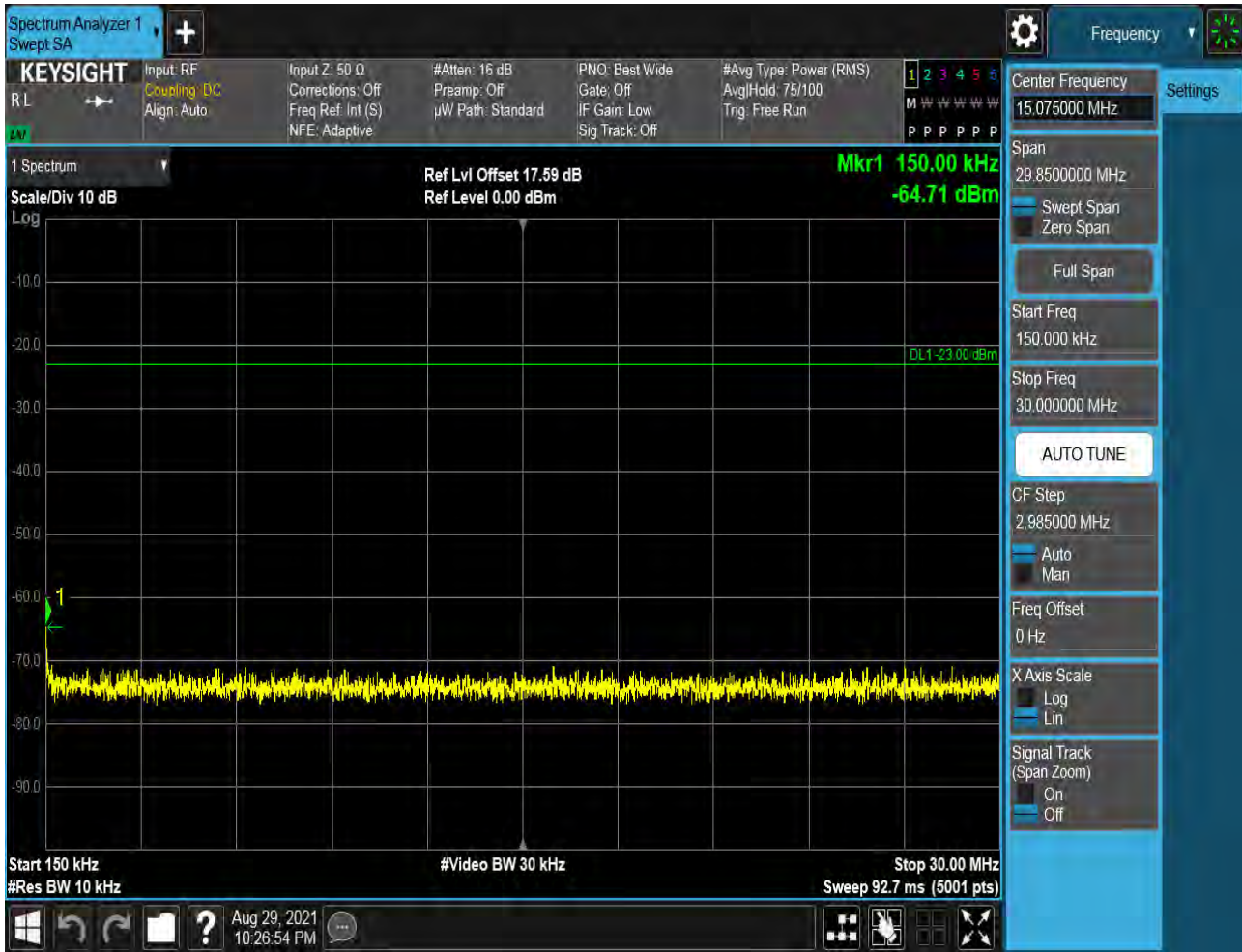
##### 6.1.1.1.1 Test Bandwidth = 1.4

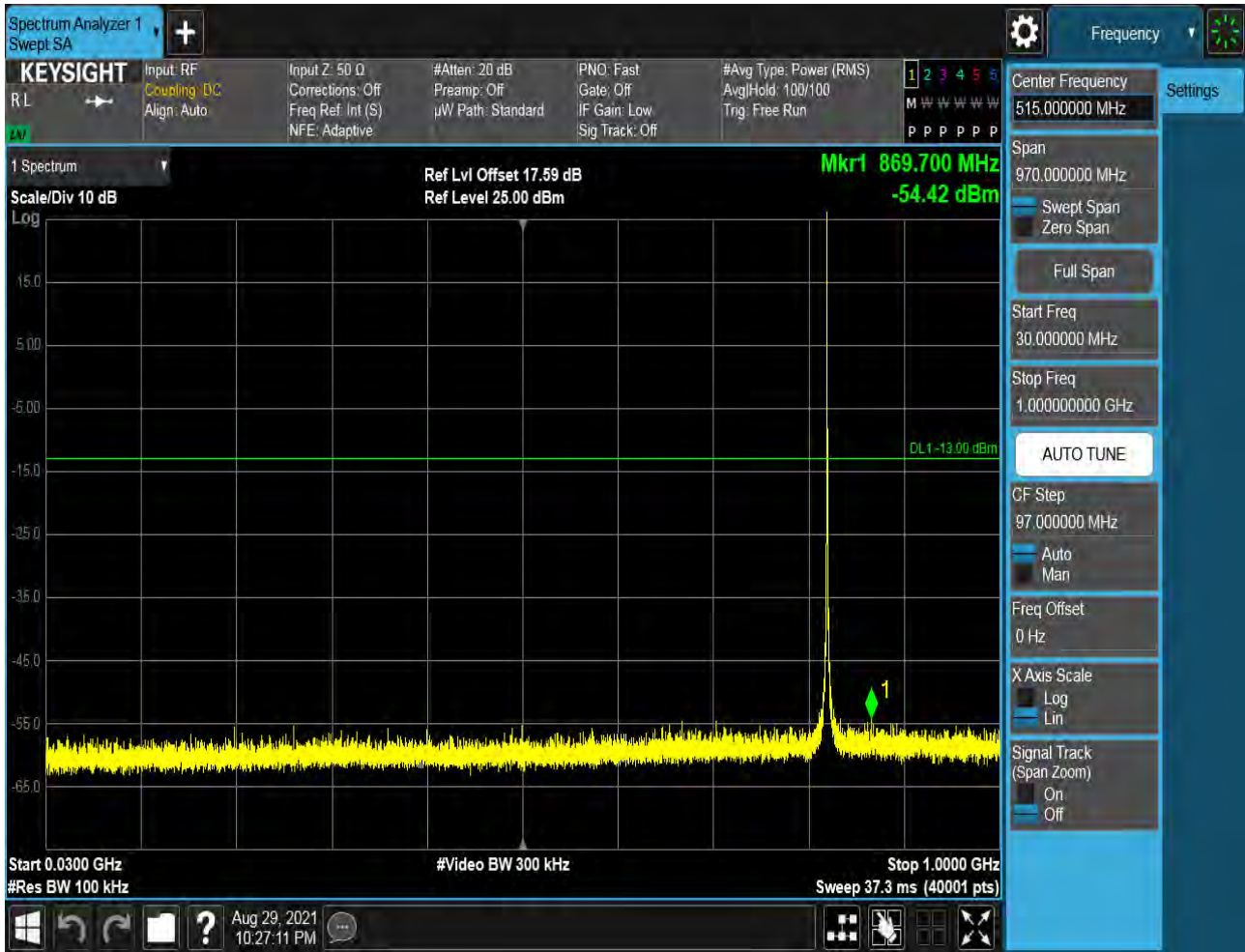
##### 6.1.1.1.1.1 Test Channel = LCH

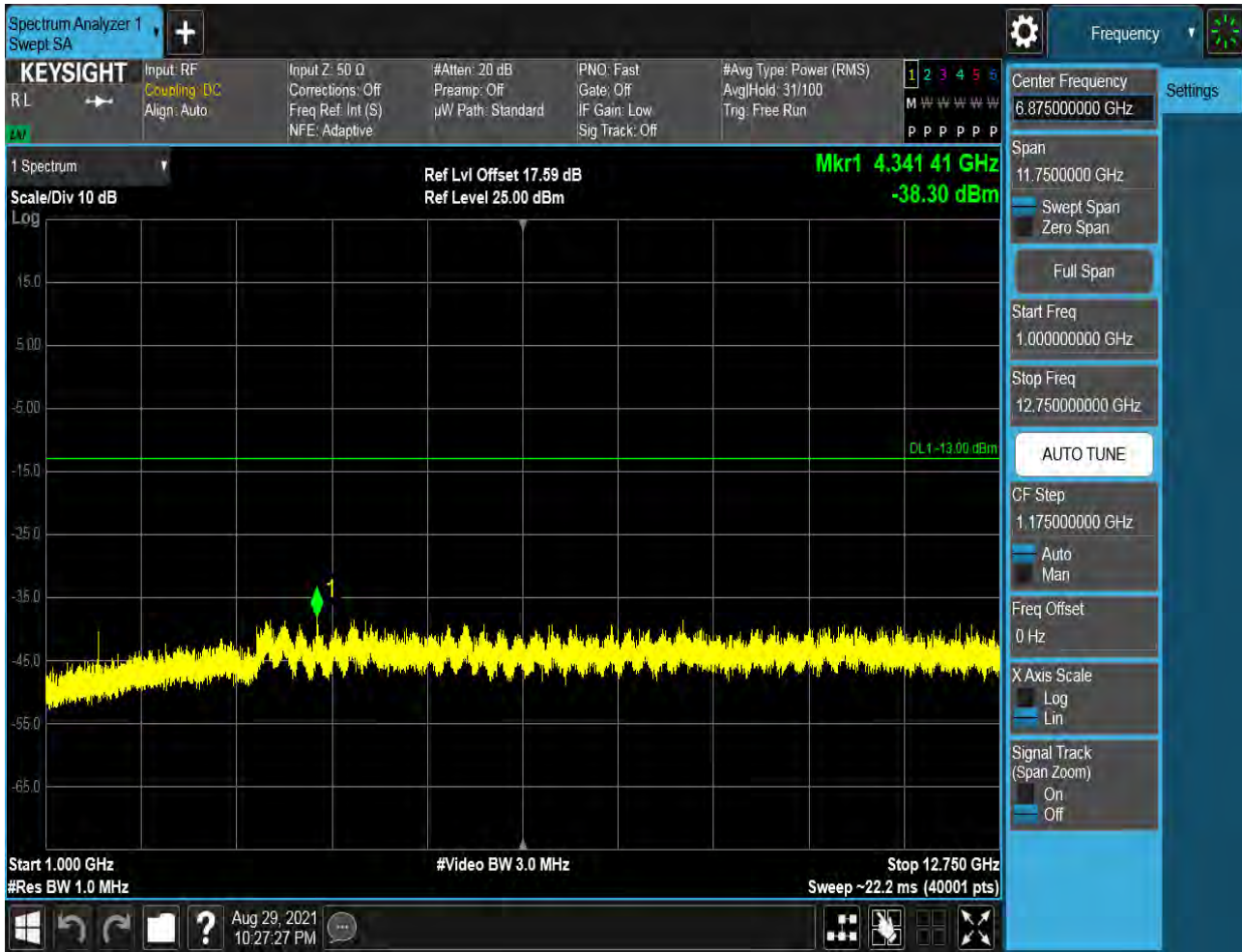
##### 6.1.1.1.1.1.1 Test RB = RB1#0











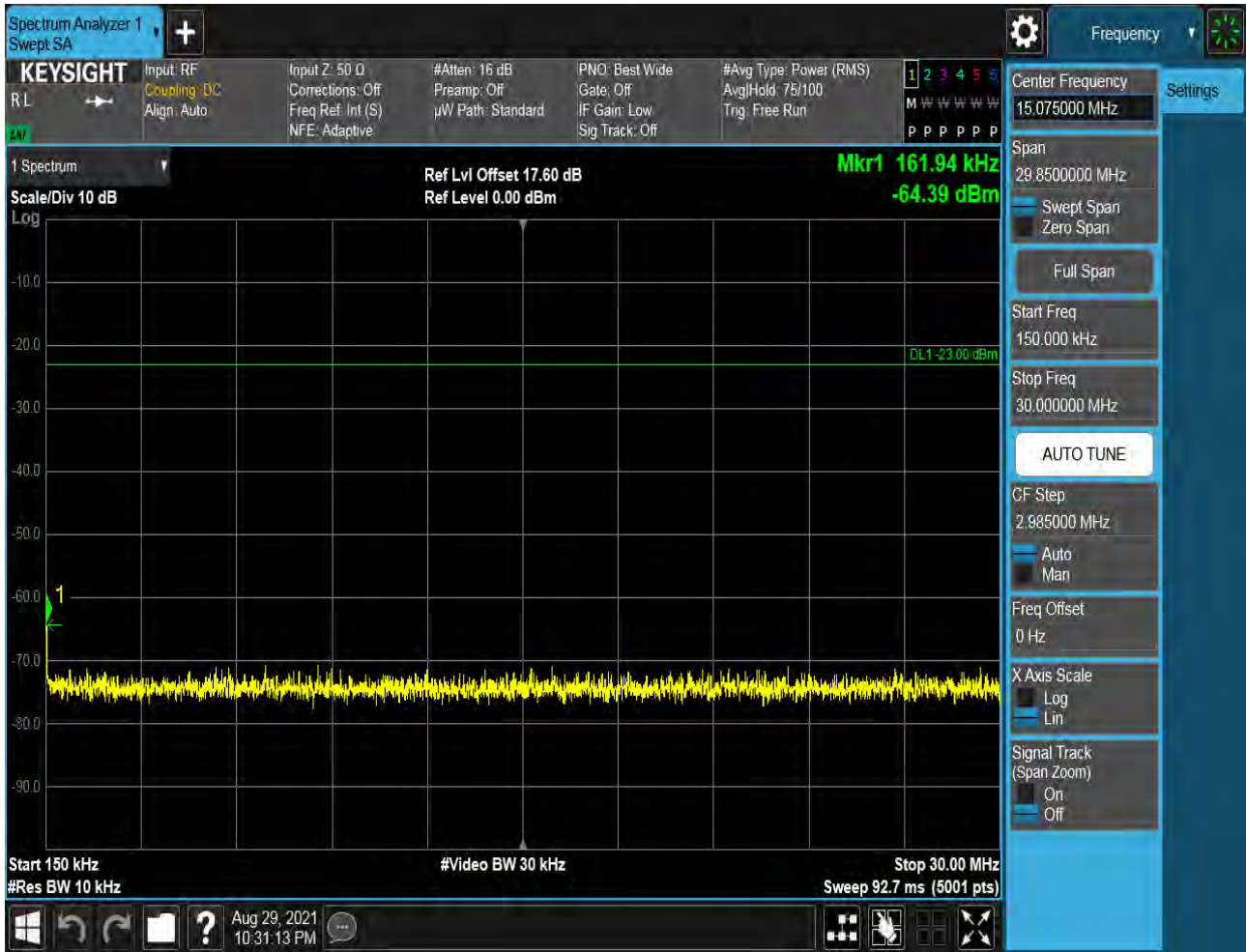


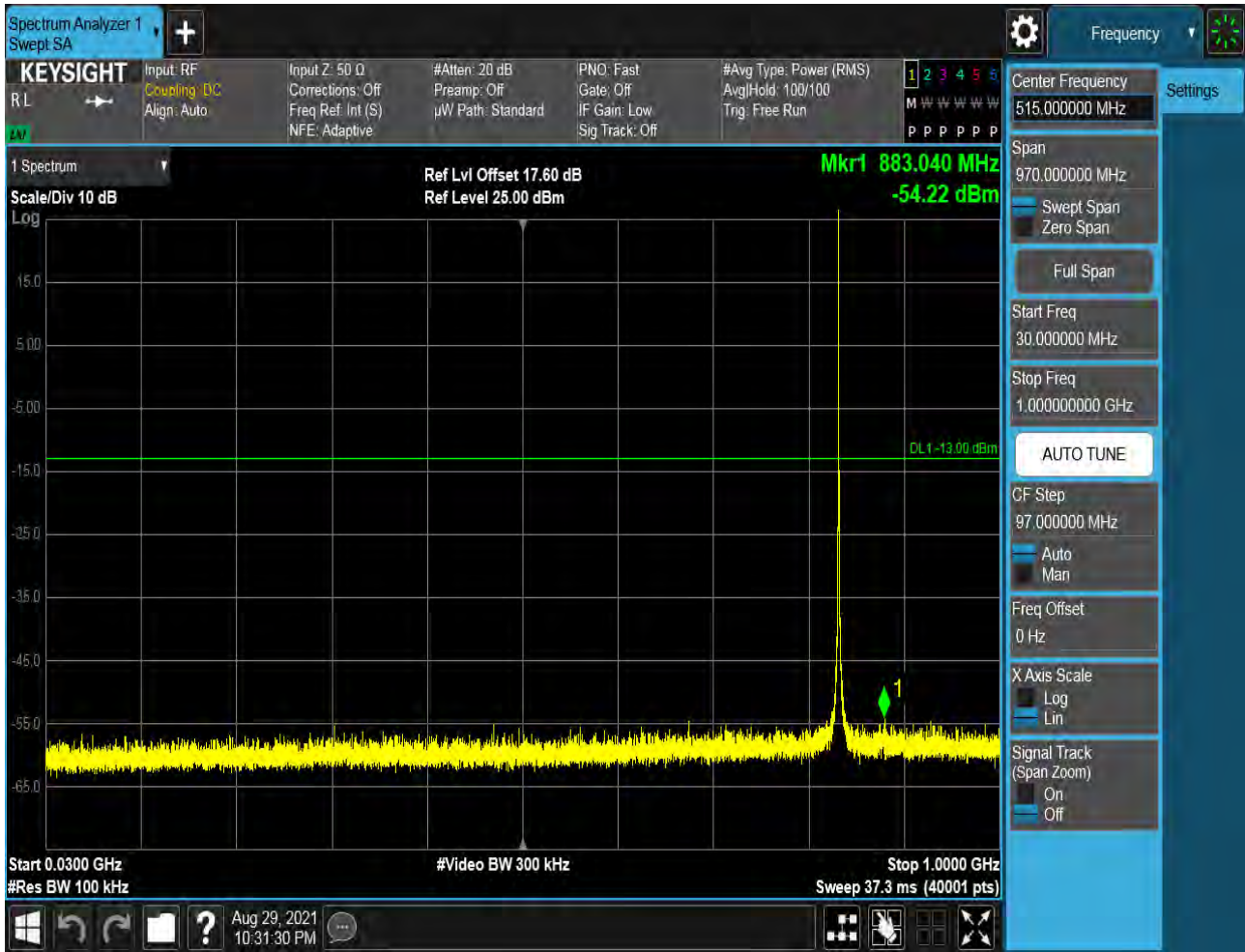
### 6.1.1.1.1.2 Test Channel = MCH

#### 6.1.1.1.1.2.1 Test RB = RB1#0





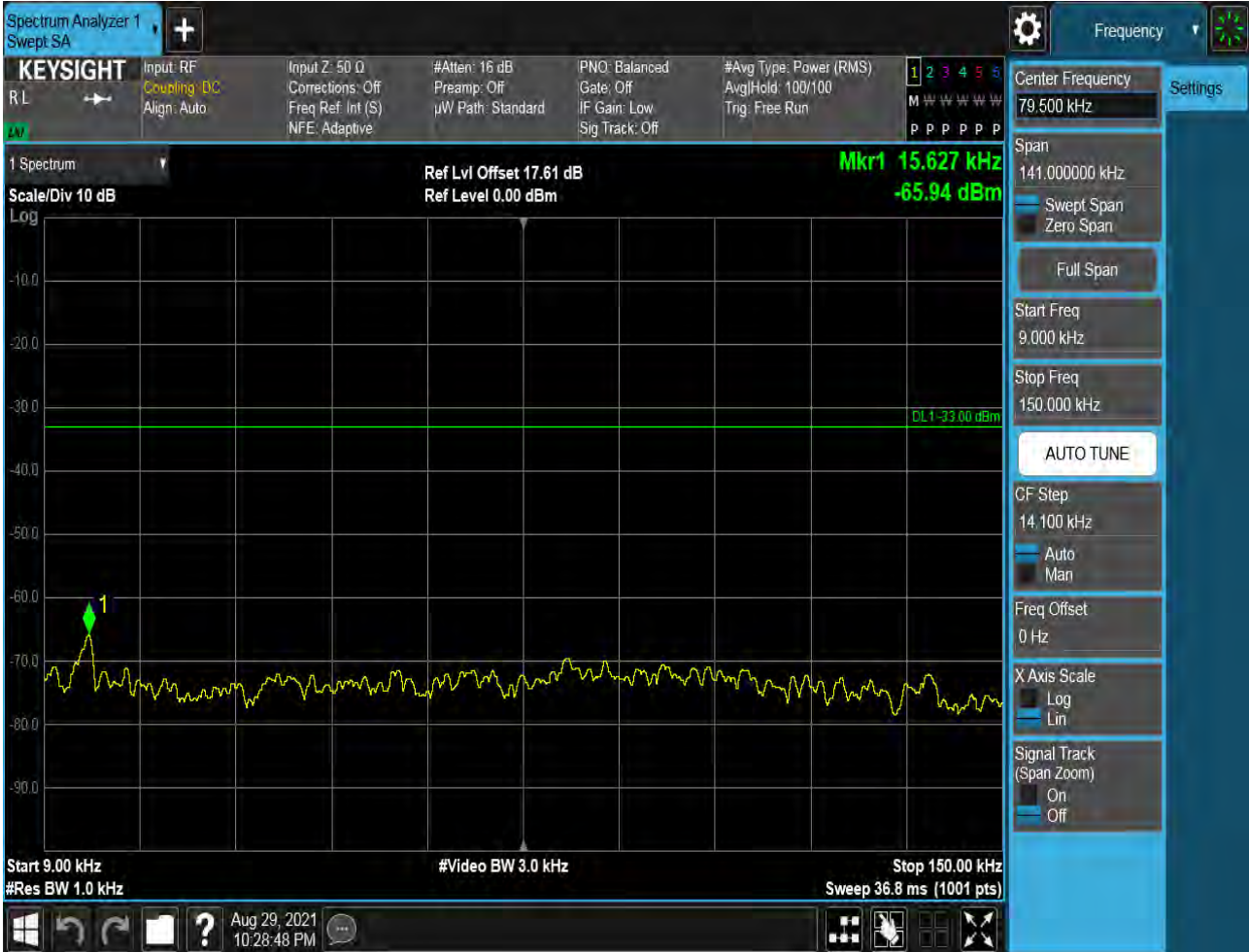






### 6.1.1.1.1.3 Test Channel = HCH

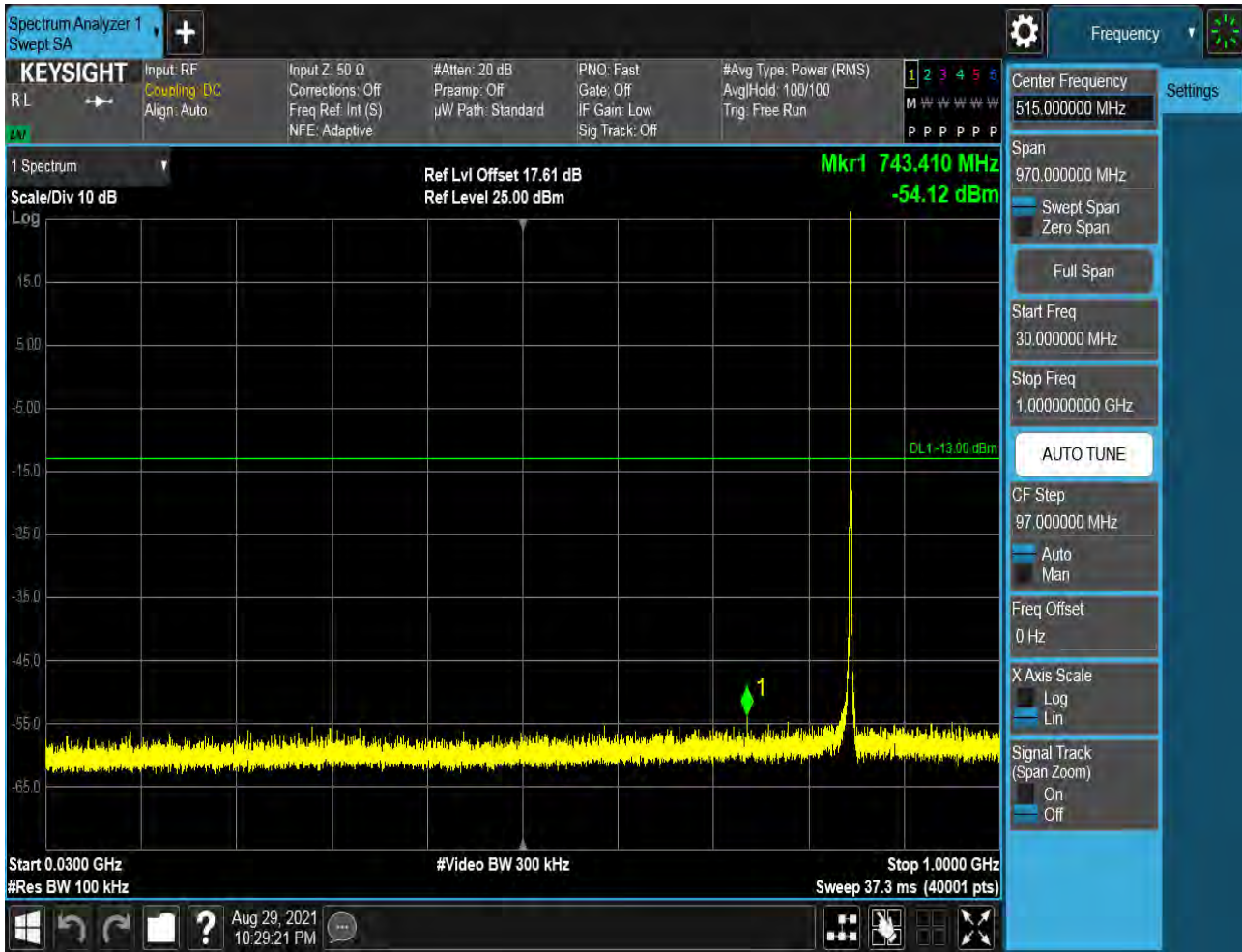
#### 6.1.1.1.1.3.1 Test RB = RB1#0









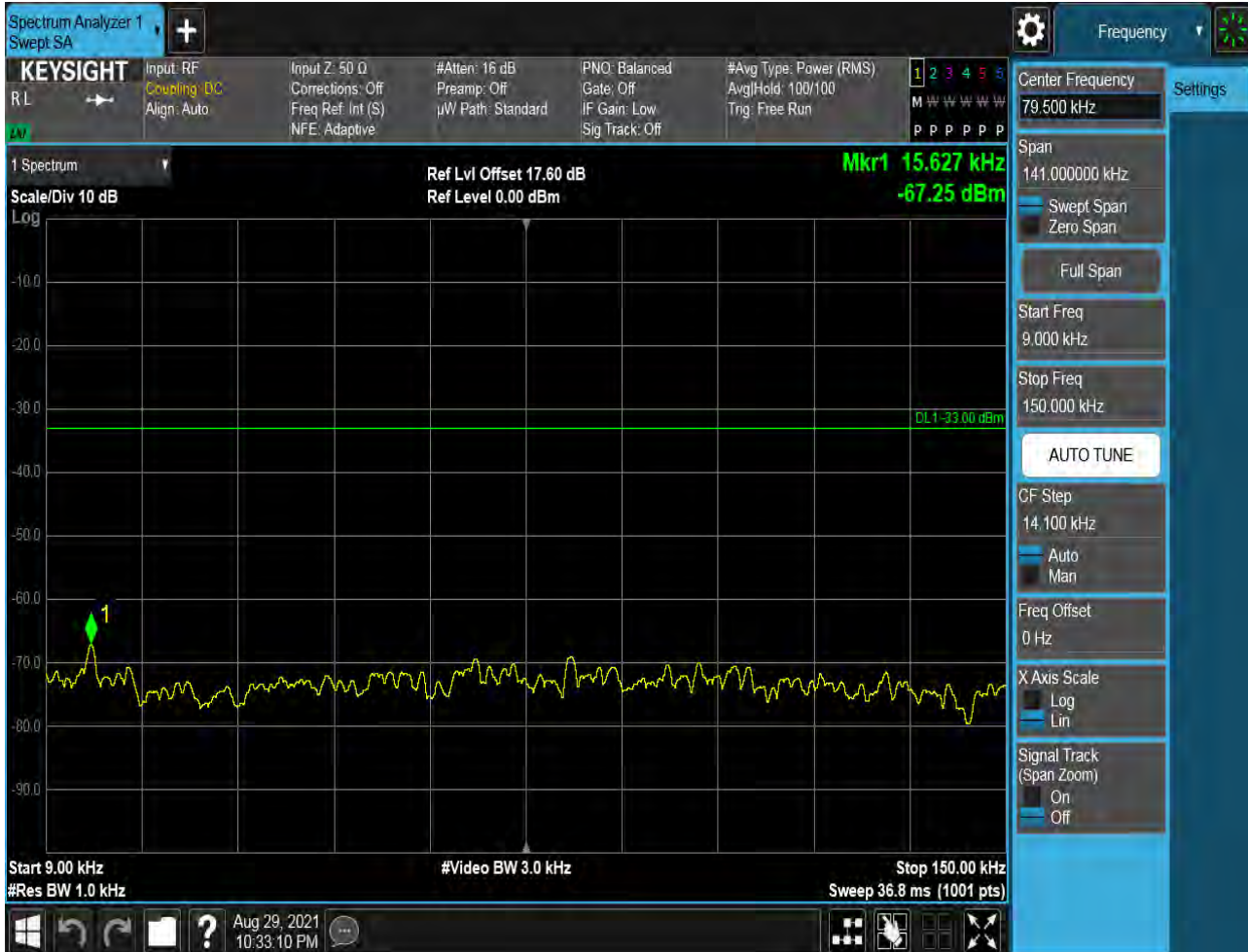


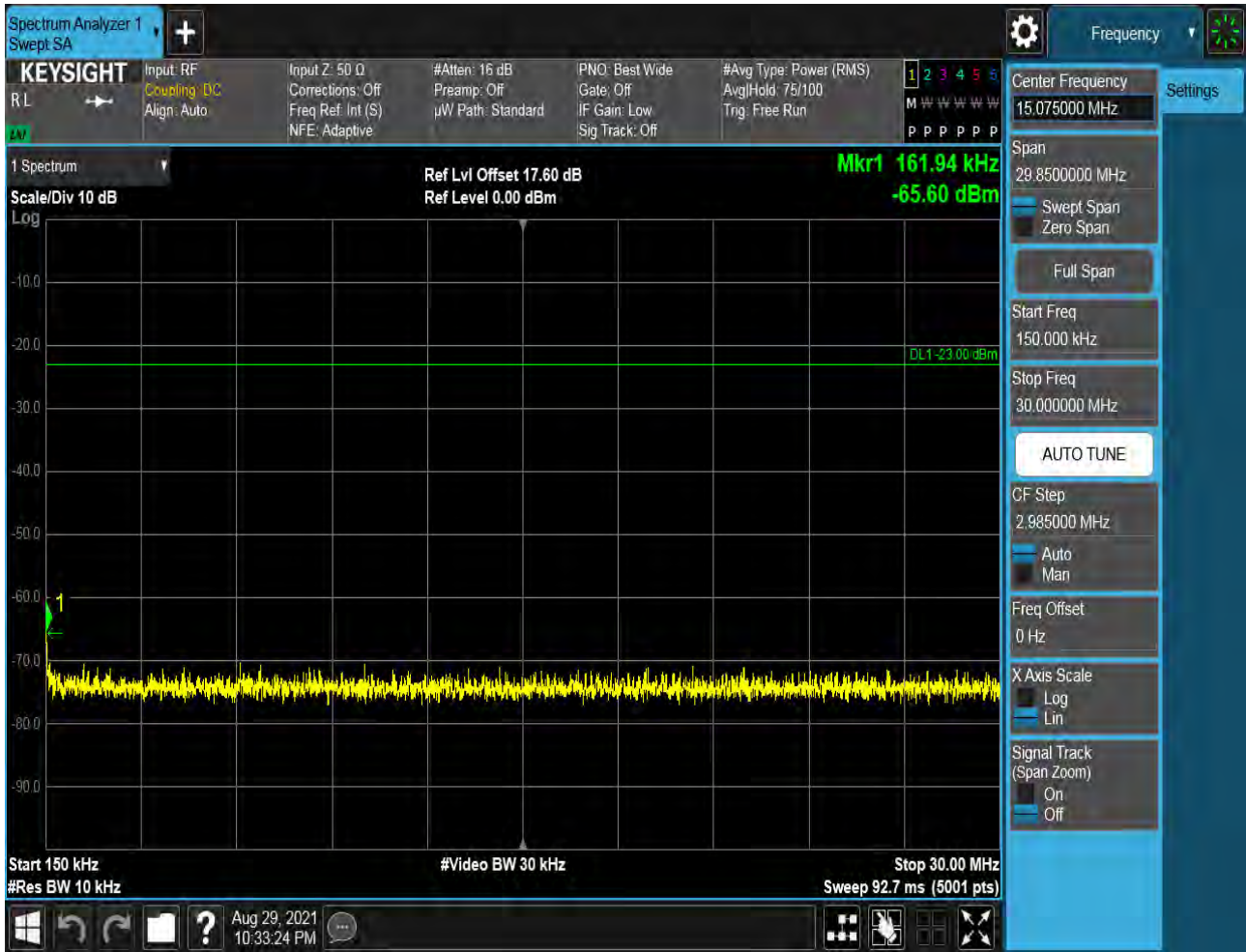


### 6.2.1.1.2 Test Bandwidth = 3

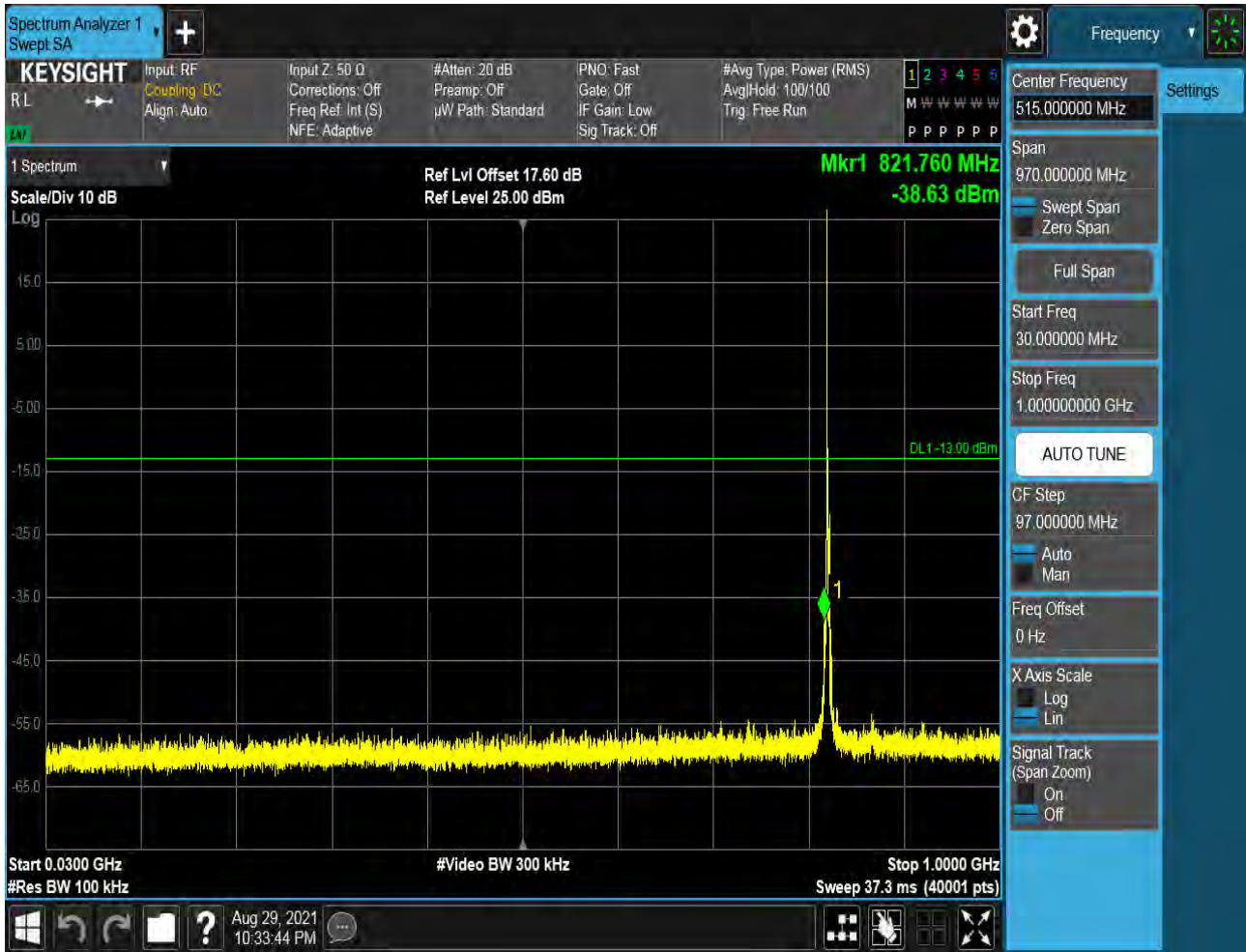
#### 6.2.1.1.2.1 Test Channel = LCH

##### 6.2.1.1.2.1.1 Test RB = RB1#0







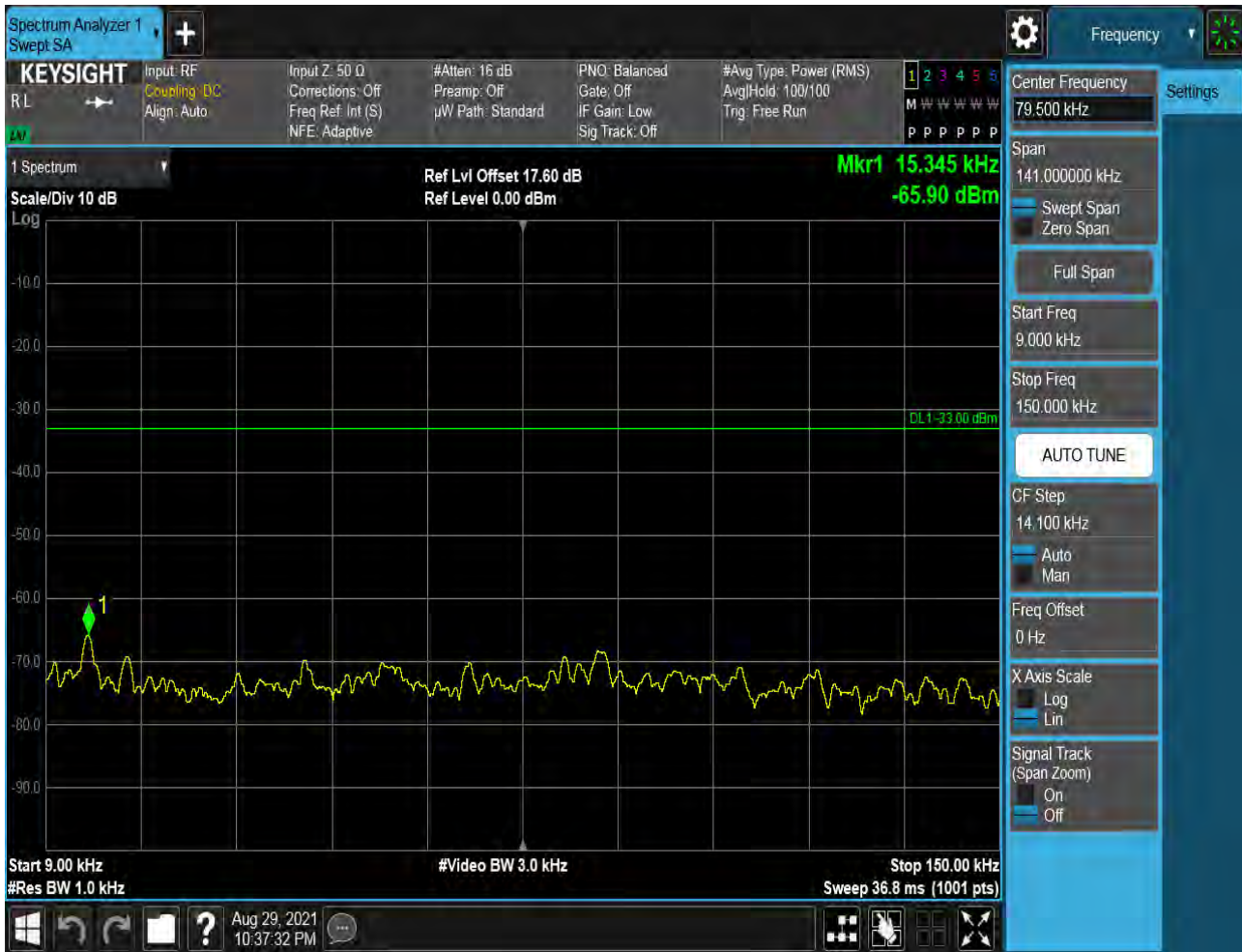


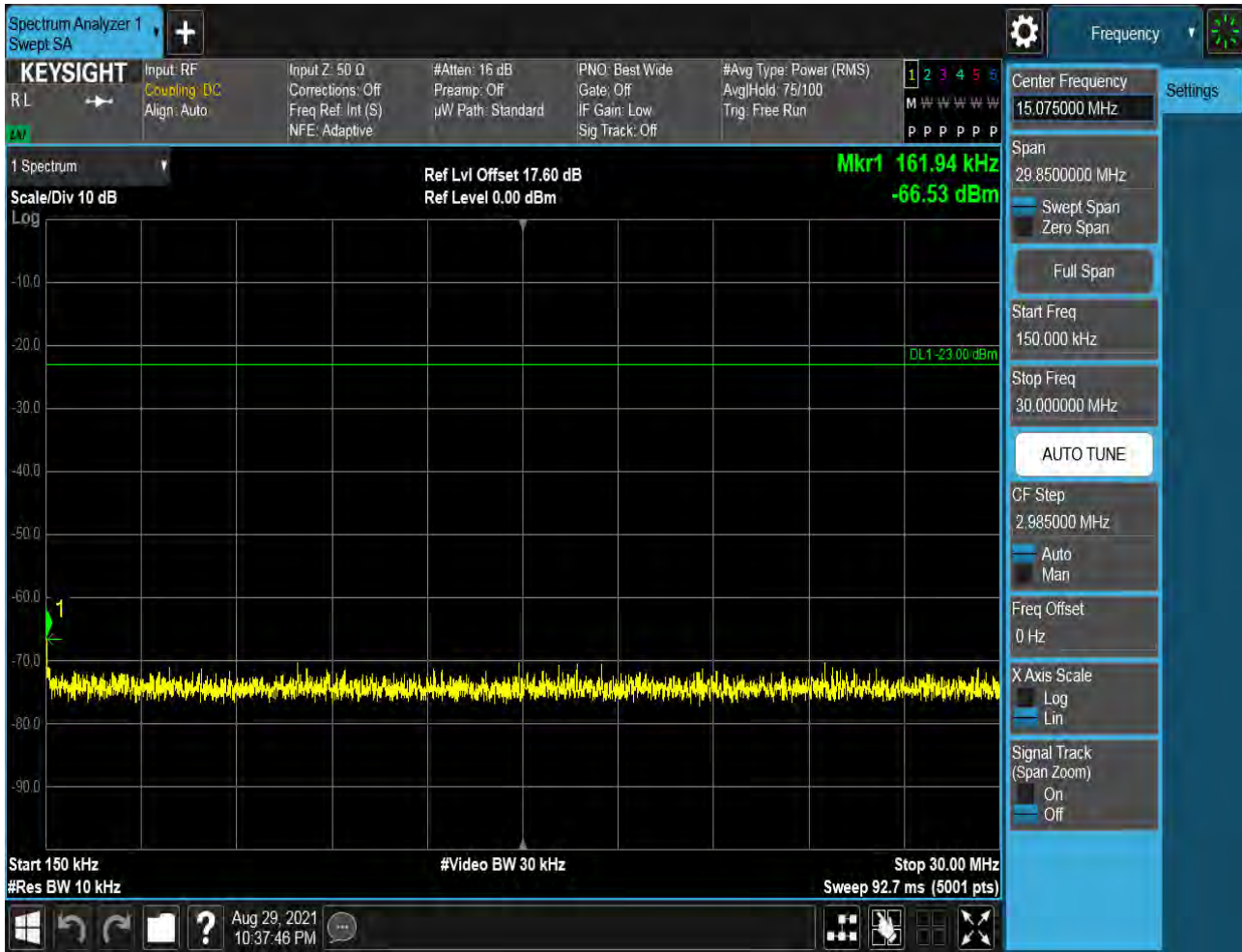




### 6.2.1.1.2.2 Test Channel = MCH

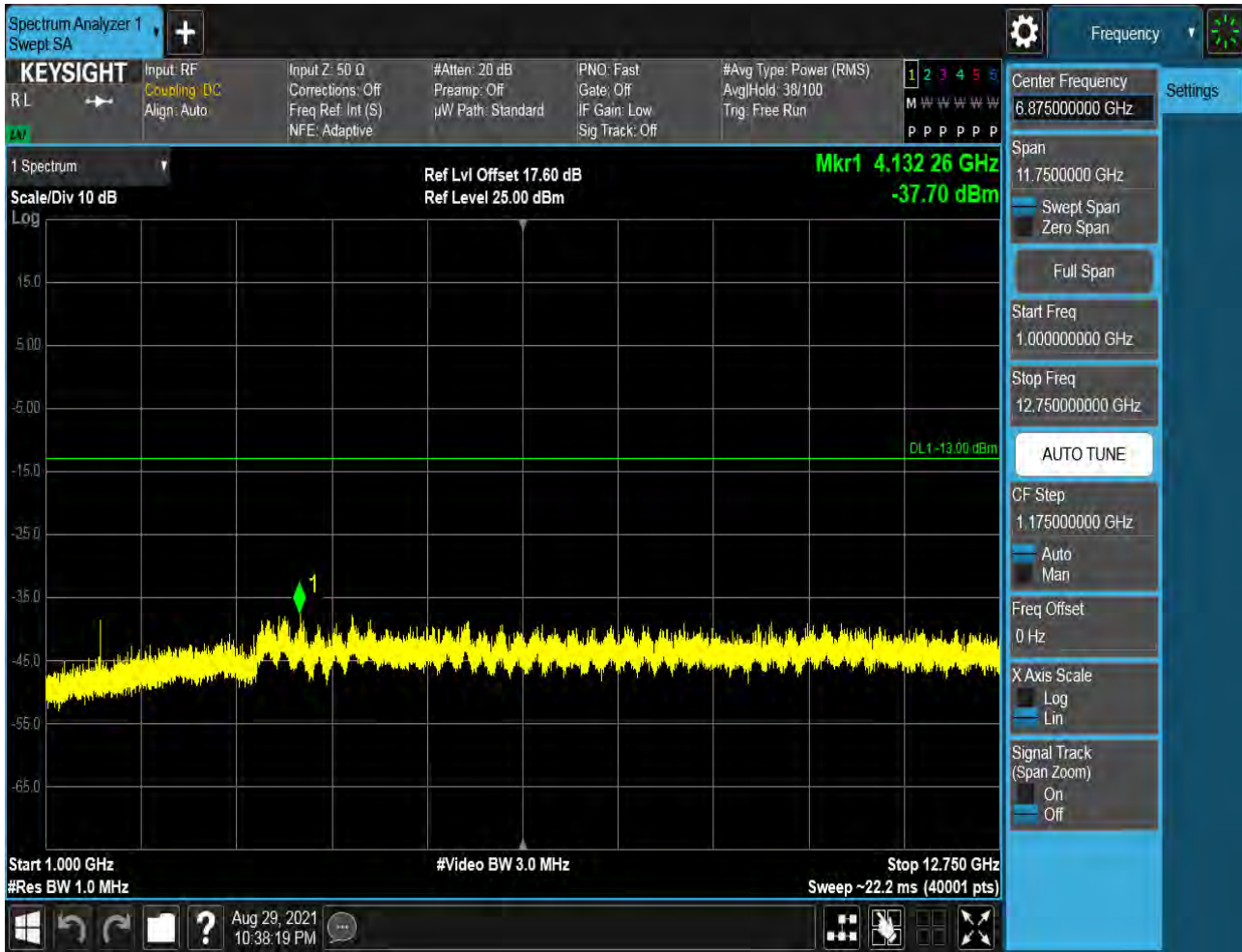
#### 6.2.1.1.2.2.1 Test RB = RB1#0





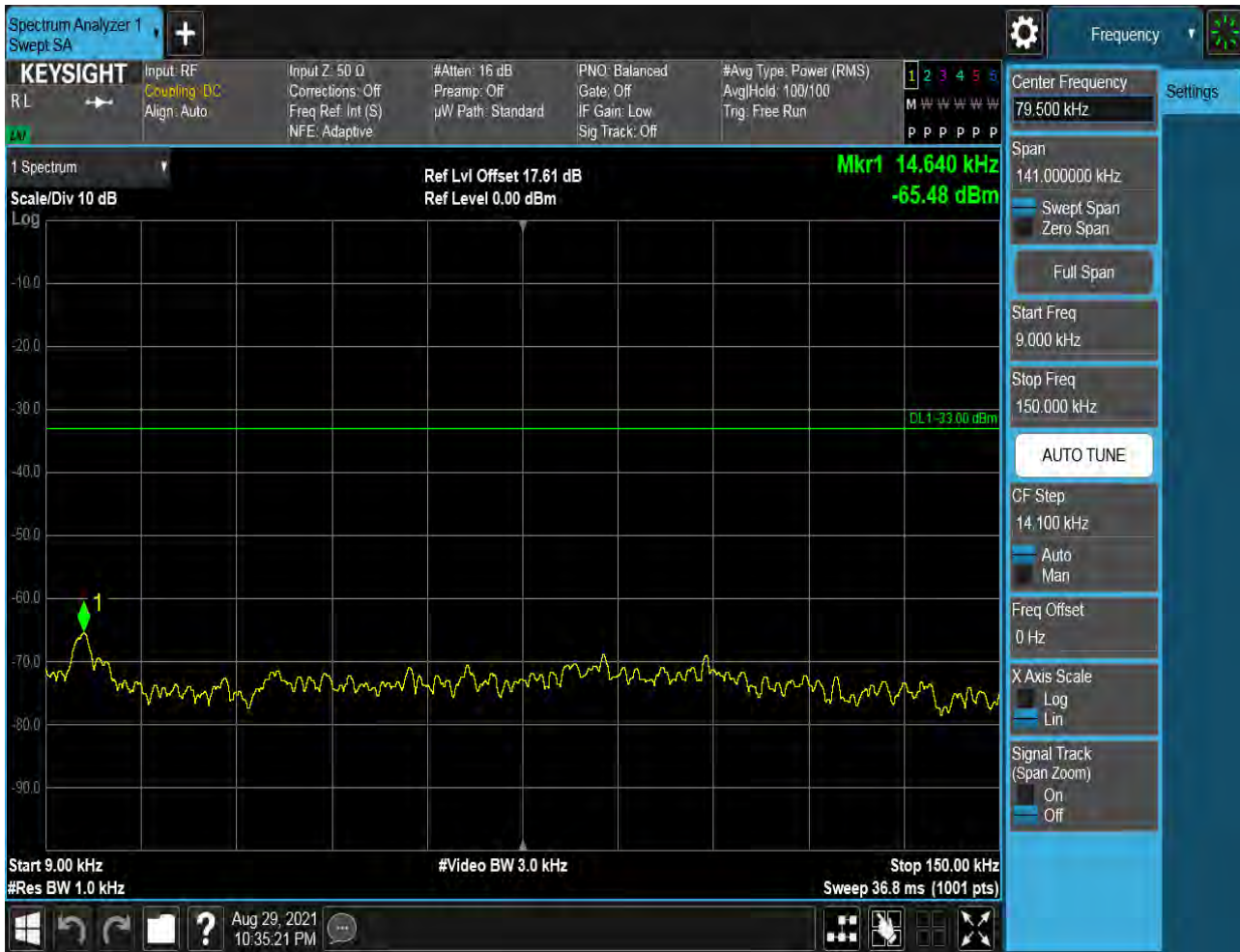


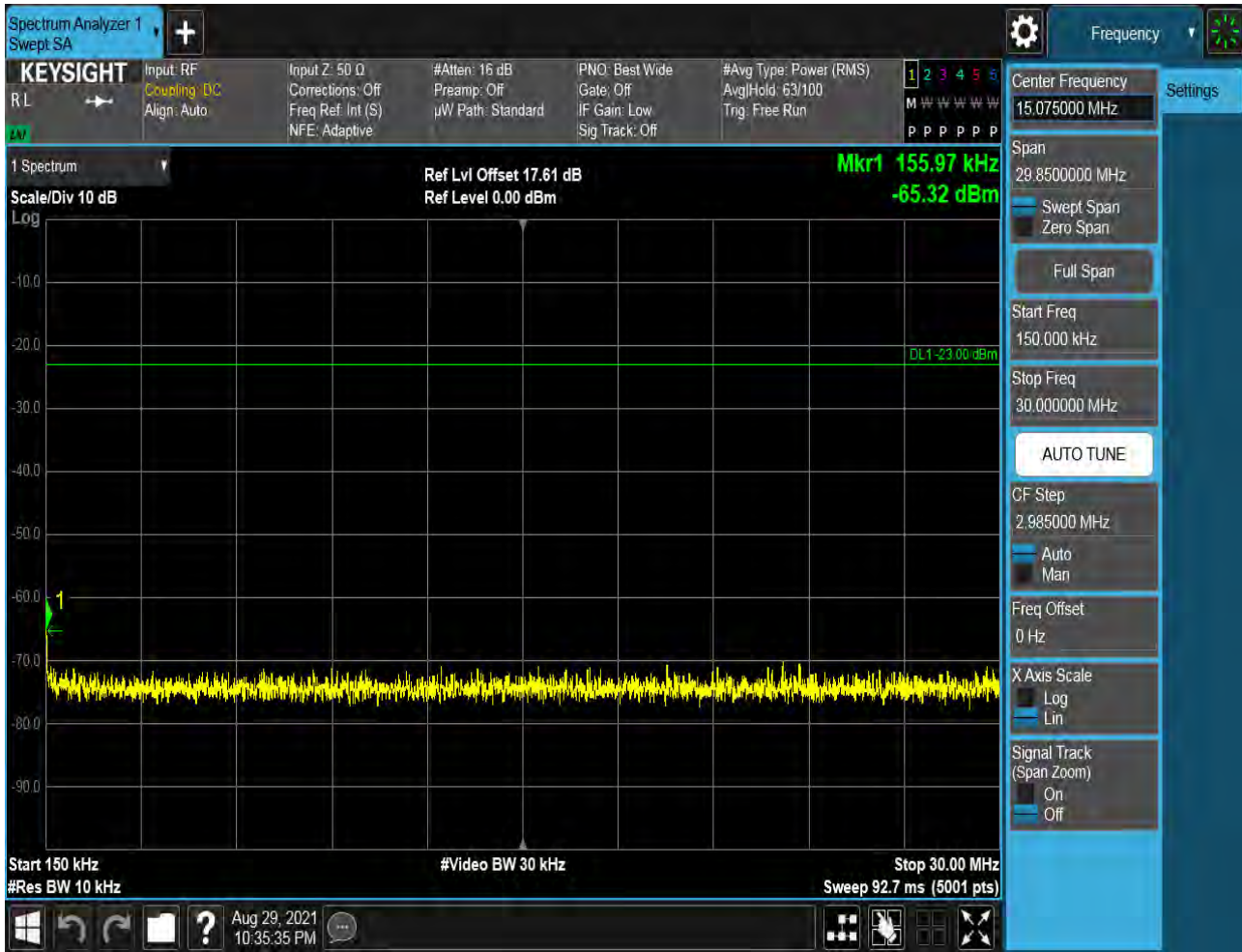




### 6.2.1.1.2.3 Test Channel = HCH

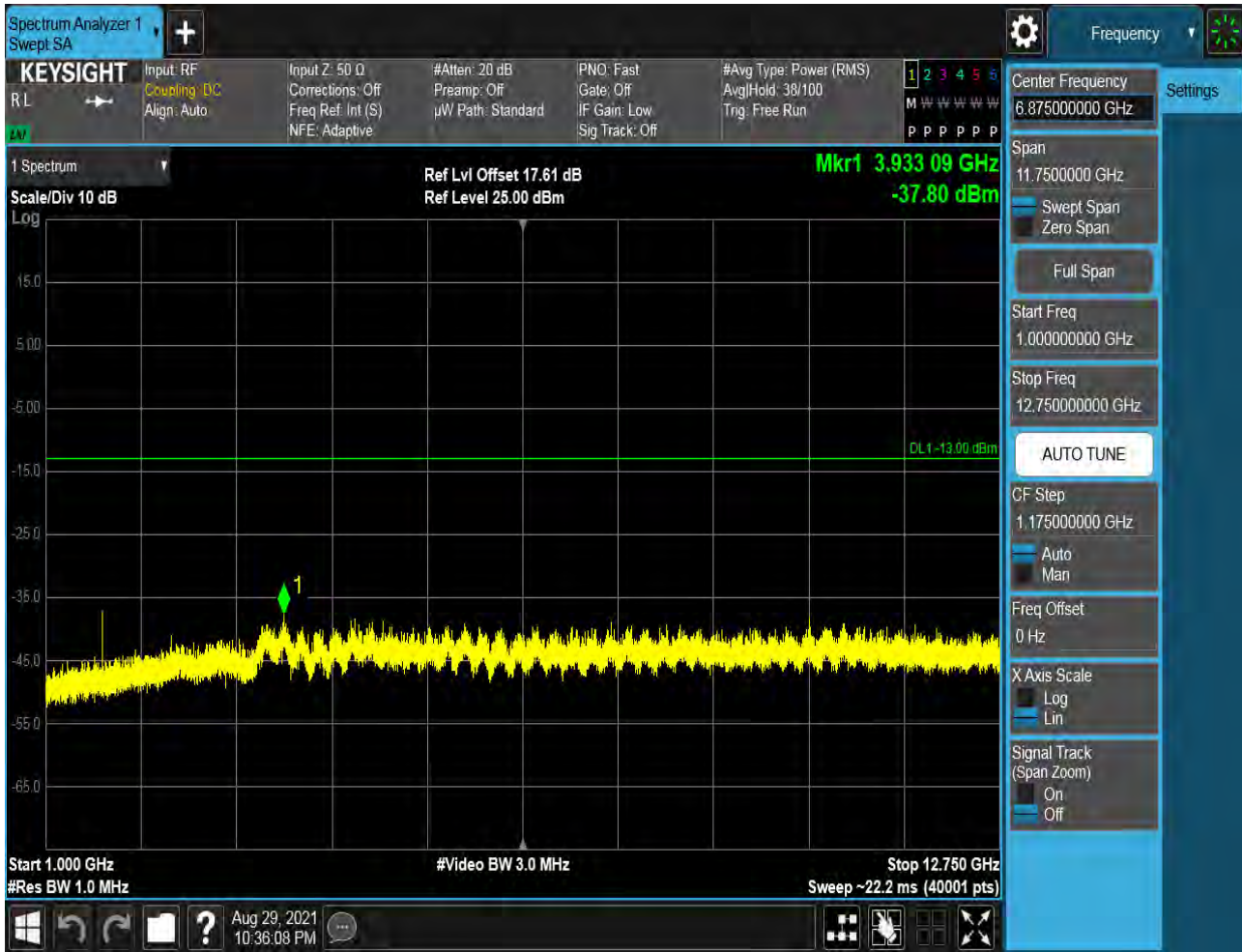
#### 6.2.1.1.2.3.1 Test RB = RB1#0







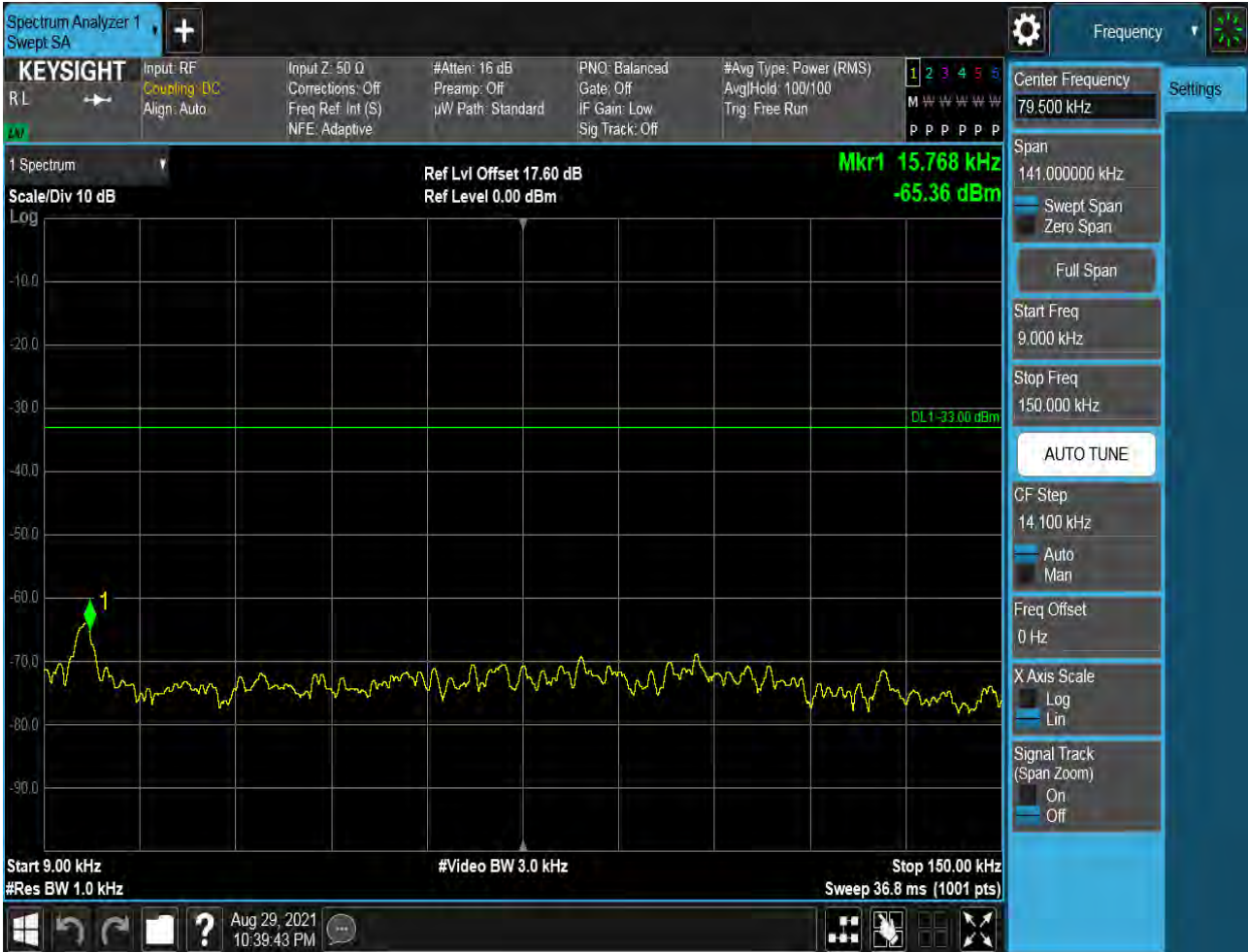


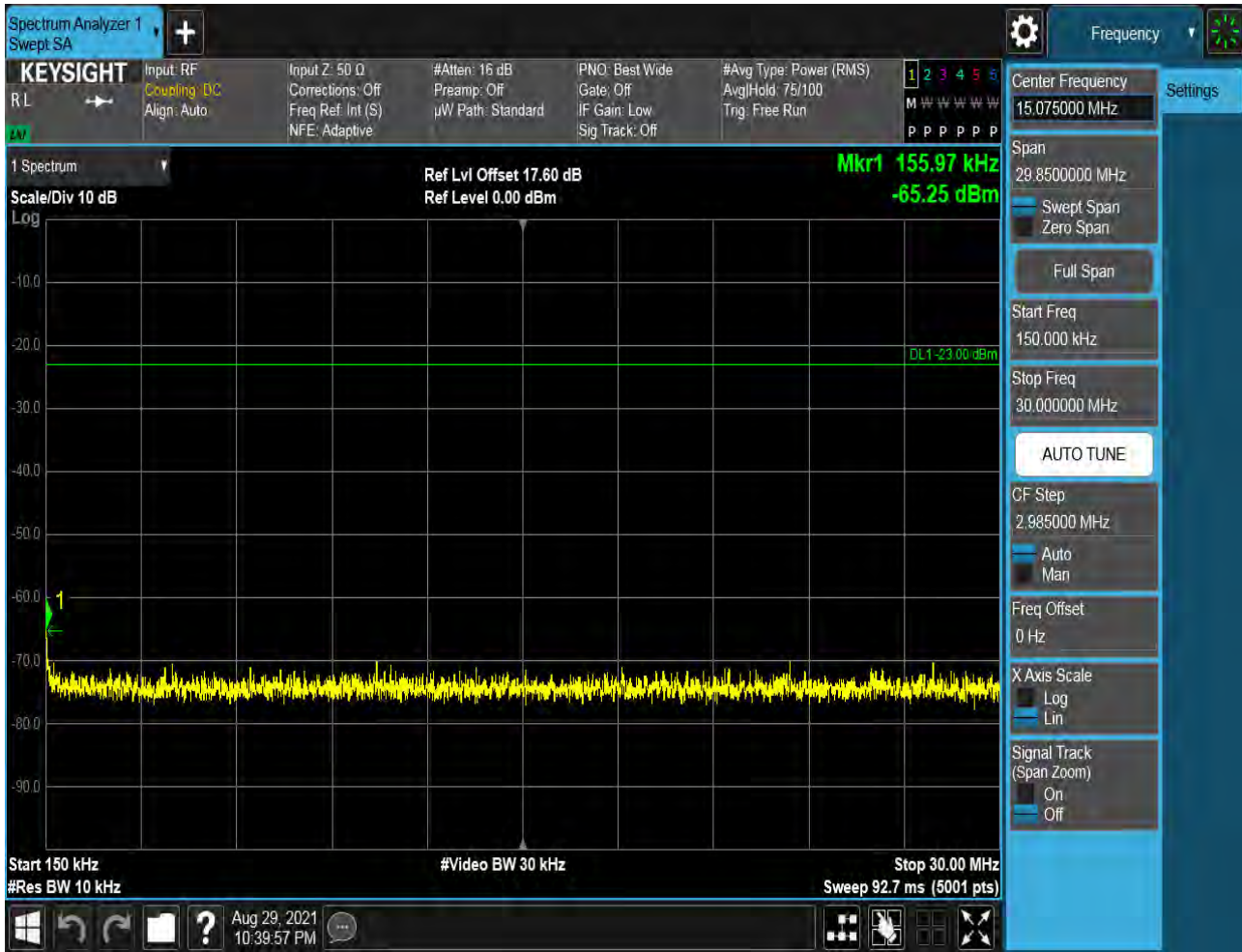


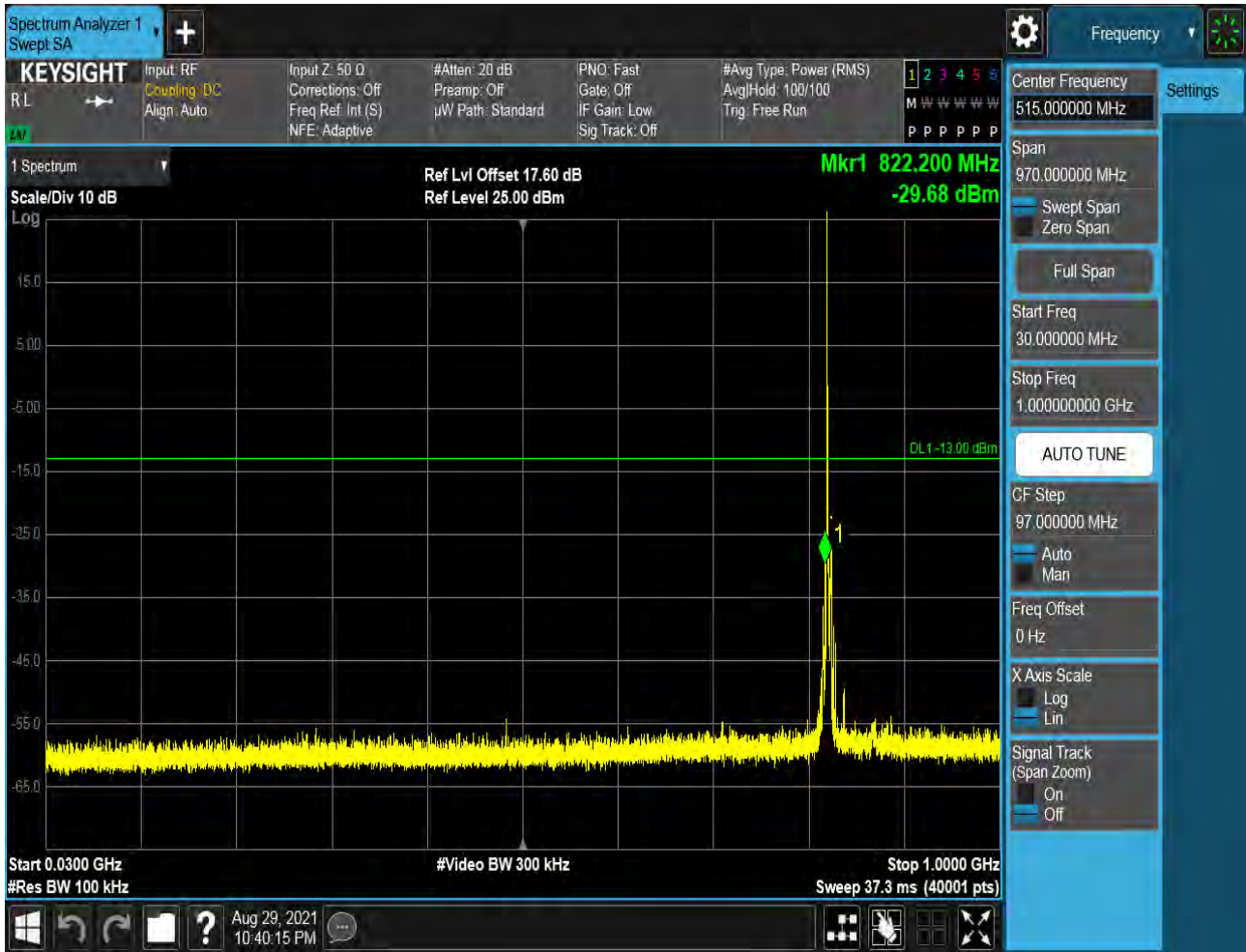
### 6.2.1.1.3 Test Bandwidth = 5

#### 6.2.1.1.3.1 Test Channel = LCH

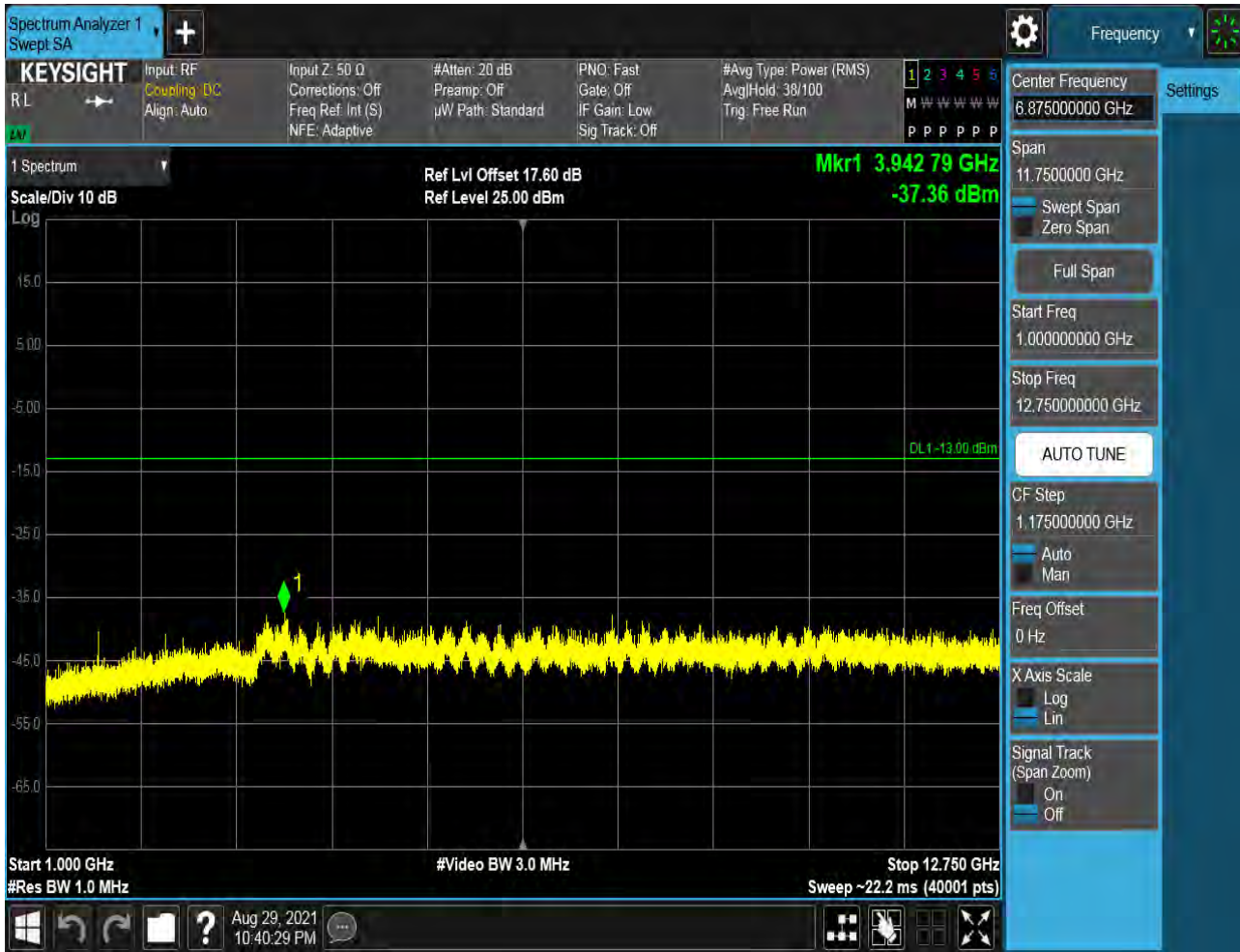
##### 6.2.1.1.3.1.1 Test RB = RB1#0











### 6.2.1.1.3.2 Test Channel = MCH

#### 6.2.1.1.3.2.1 Test RB = RB1#0

