



# 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
Band4	LTE/TM1	1.4	LCH	RB1#0	23.30	23.20	30	PASS
				RB1#3	22.76	22.66	30	PASS
				RB1#5	23.30	23.20	30	PASS
				RB3#0	23.35	23.25	30	PASS
				RB3#2	23.20	23.10	30	PASS
				RB3#3	23.27	23.17	30	PASS
				RB6#0	22.29	22.19	30	PASS
			MCH	RB1#0	23.45	23.35	30	PASS
				RB1#3	22.98	22.88	30	PASS
				RB1#5	23.51	23.41	30	PASS
				RB3#0	23.12	23.02	30	PASS
				RB3#2	23.13	23.03	30	PASS
				RB3#3	23.20	23.10	30	PASS
				RB6#0	22.36	22.26	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.50	23.40	30	PASS
				RB1#3	23.29	23.19	30	PASS
				RB1#5	23.45	23.35	30	PASS
				RB3#0	23.28	23.18	30	PASS
				RB3#2	23.24	23.14	30	PASS
				RB3#3	23.33	23.23	30	PASS
				RB6#0	22.28	22.18	30	PASS
		3	LCH	RB1#0	23.47	23.37	30	PASS
				RB1#7	22.69	22.59	30	PASS
				RB1#14	23.29	23.19	30	PASS
				RB8#0	22.29	22.19	30	PASS
				RB8#4	22.23	22.13	30	PASS
				RB8#7	22.19	22.09	30	PASS
				RB15#0	22.30	22.20	30	PASS
			MCH	RB1#0	23.43	23.33	30	PASS
				RB1#7	22.52	22.42	30	PASS
				RB1#14	23.22	23.12	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.25	22.15	30	PASS
				RB8#4	22.25	22.15	30	PASS
				RB8#7	22.22	22.12	30	PASS
				RB15#0	22.29	22.19	30	PASS
			HCH	RB1#0	23.58	23.48	30	PASS
				RB1#7	22.88	22.78	30	PASS
				RB1#14	23.37	23.27	30	PASS
				RB8#0	22.40	22.30	30	PASS
		RB8#4	22.35	22.25	30	PASS		
		RB8#7	22.27	22.17	30	PASS		
		RB15#0	22.39	22.29	30	PASS		
		5	LCH	RB1#0	23.29	23.19	30	PASS
				RB1#13	23.36	23.26	30	PASS
				RB1#24	23.30	23.20	30	PASS
				RB12#0	22.37	22.27	30	PASS
				RB12#6	22.35	22.25	30	PASS
				RB12#13	22.39	22.29	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.31	22.21	30	PASS
			MCH	RB1#0	23.29	23.19	30	PASS
				RB1#13	23.26	23.16	30	PASS
				RB1#24	23.41	23.31	30	PASS
				RB12#0	22.46	22.36	30	PASS
				RB12#6	22.25	22.15	30	PASS
				RB12#13	22.47	22.37	30	PASS
				RB25#0	22.46	22.36	30	PASS
				HCH	RB1#0	23.45	23.35	30
			RB1#13		23.54	23.44	30	PASS
			RB1#24		23.44	23.34	30	PASS
			RB12#0		22.51	22.41	30	PASS
			RB12#6		22.47	22.37	30	PASS
			RB12#13		22.45	22.35	30	PASS
			RB25#0		22.48	22.38	30	PASS
		10	LCH	RB1#0	23.35	23.25	30	PASS
				RB1#25	23.05	22.95	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.37	23.27	30	PASS
				RB25#0	22.31	22.21	30	PASS
				RB25#13	22.29	22.19	30	PASS
				RB25#25	22.41	22.31	30	PASS
				RB50#0	22.40	22.30	30	PASS
			MCH	RB1#0	23.28	23.18	30	PASS
				RB1#25	23.04	22.94	30	PASS
				RB1#49	23.25	23.15	30	PASS
				RB25#0	22.40	22.30	30	PASS
				RB25#13	22.30	22.20	30	PASS
				RB25#25	22.45	22.35	30	PASS
				RB50#0	22.42	22.32	30	PASS
			HCH	RB1#0	23.45	23.35	30	PASS
				RB1#25	23.07	22.97	30	PASS
				RB1#49	23.32	23.22	30	PASS
				RB25#0	22.38	22.28	30	PASS
				RB25#13	22.37	22.27	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.37	22.27	30	PASS
				RB50#0	22.39	22.29	30	PASS
		15	LCH	RB1#0	23.19	23.09	30	PASS
				RB1#38	23.40	23.30	30	PASS
				RB1#74	23.17	23.07	30	PASS
				RB38#0	22.31	22.21	30	PASS
				RB38#19	22.44	22.34	30	PASS
				RB38#39	22.30	22.20	30	PASS
				RB75#0	22.37	22.27	30	PASS
		15	MCH	RB1#0	23.12	23.02	30	PASS
				RB1#38	23.31	23.21	30	PASS
				RB1#74	23.22	23.12	30	PASS
				RB38#0	22.39	22.29	30	PASS
				RB38#19	22.45	22.35	30	PASS
				RB38#39	22.39	22.29	30	PASS
15	HCH	RB1#0	23.28	23.18	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.48	23.38	30	PASS
				RB1#74	23.21	23.11	30	PASS
				RB38#0	22.49	22.39	30	PASS
				RB38#19	22.46	22.36	30	PASS
				RB38#39	22.42	22.32	30	PASS
				RB75#0	22.47	22.37	30	PASS
		20	LCH	RB1#0	23.30	23.20	30	PASS
				RB1#50	23.04	22.94	30	PASS
				RB1#99	23.22	23.12	30	PASS
				RB50#0	22.36	22.26	30	PASS
				RB50#25	22.39	22.29	30	PASS
				RB50#50	22.33	22.23	30	PASS
				RB100#0	22.38	22.28	30	PASS
				MCH	RB1#0	23.23	23.13	30
		RB1#50	22.91		22.81	30	PASS	
		RB1#99	23.23		23.13	30	PASS	
RB50#0	22.39	22.29	30		PASS			





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.42	22.32	30	PASS
				RB50#50	22.40	22.30	30	PASS
				RB100#0	22.39	22.29	30	PASS
			HCH	RB1#0	23.35	23.25	30	PASS
				RB1#50	23.07	22.97	30	PASS
				RB1#99	23.33	23.23	30	PASS
				RB50#0	22.29	22.19	30	PASS
				RB50#25	22.45	22.35	30	PASS
				RB50#50	22.43	22.33	30	PASS
				RB100#0	22.31	22.21	30	PASS
			LCH	RB1#0	22.53	22.43	30	PASS
				RB1#3	22.17	22.07	30	PASS
				RB1#5	22.55	22.45	30	PASS
				RB3#0	22.43	22.33	30	PASS
RB3#2	22.02	21.92		30	PASS			
RB3#3	22.27	22.17		30	PASS			
RB6#0	21.28	21.18		30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.29	22.19	30	PASS
				RB1#3	22.23	22.13	30	PASS
				RB1#5	22.25	22.15	30	PASS
				RB3#0	22.37	22.27	30	PASS
				RB3#2	22.15	22.05	30	PASS
				RB3#3	22.26	22.16	30	PASS
			RB6#0	21.28	21.18	30	PASS	
			HCH	RB1#0	22.72	22.62	30	PASS
				RB1#3	22.33	22.23	30	PASS
				RB1#5	22.87	22.77	30	PASS
				RB3#0	22.46	22.36	30	PASS
				RB3#2	22.29	22.19	30	PASS
		RB3#3		22.39	22.29	30	PASS	
		3	LCH	RB1#0	22.69	22.59	30	PASS
				RB1#7	22.69	22.59	30	PASS
				RB1#14	22.75	22.65	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.20	21.10	30	PASS
				RB8#4	21.32	21.22	30	PASS
				RB8#7	21.30	21.20	30	PASS
				RB15#0	21.30	21.20	30	PASS
			MCH	RB1#0	22.93	22.83	30	PASS
				RB1#7	22.47	22.37	30	PASS
				RB1#14	22.93	22.83	30	PASS
				RB8#0	21.28	21.18	30	PASS
				RB8#4	21.14	21.04	30	PASS
				RB8#7	21.27	21.17	30	PASS
				RB15#0	21.33	21.23	30	PASS
			HCH	RB1#0	22.26	22.16	30	PASS
				RB1#7	21.90	21.80	30	PASS
				RB1#14	22.16	22.06	30	PASS
				RB8#0	21.29	21.19	30	PASS
				RB8#4	21.30	21.20	30	PASS
				RB8#7	21.22	21.12	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.33	21.23	30	PASS
		5	LCH	RB1#0	22.51	22.41	30	PASS
				RB1#13	22.49	22.39	30	PASS
				RB1#24	22.56	22.46	30	PASS
				RB12#0	21.41	21.31	30	PASS
				RB12#6	21.30	21.20	30	PASS
				RB12#13	21.49	21.39	30	PASS
				RB25#0	21.25	21.15	30	PASS
				MCH	RB1#0	22.70	22.60	30
			RB1#13		22.71	22.61	30	PASS
			RB1#24		22.63	22.53	30	PASS
			RB12#0		21.31	21.21	30	PASS
			RB12#6		21.34	21.24	30	PASS
			RB12#13		21.40	21.30	30	PASS
			RB25#0		21.33	21.23	30	PASS
			HCH	RB1#0	22.78	22.68	30	PASS
		RB1#13		22.75	22.65	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.62	22.52	30	PASS
				RB12#0	21.43	21.33	30	PASS
				RB12#6	21.26	21.16	30	PASS
				RB12#13	21.41	21.31	30	PASS
				RB25#0	21.38	21.28	30	PASS
		10	LCH	RB1#0	22.50	22.40	30	PASS
				RB1#25	22.18	22.08	30	PASS
				RB1#49	22.60	22.50	30	PASS
				RB25#0	21.35	21.25	30	PASS
				RB25#13	21.37	21.27	30	PASS
			MCH	RB25#25	21.36	21.26	30	PASS
				RB50#0	21.29	21.19	30	PASS
				RB1#0	22.52	22.42	30	PASS
				RB1#25	22.04	21.94	30	PASS
				RB1#49	22.62	22.52	30	PASS
				RB25#0	21.38	21.28	30	PASS
				RB25#13	21.36	21.26	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.41	21.31	30	PASS
				RB50#0	21.31	21.21	30	PASS
			HCH	RB1#0	22.51	22.41	30	PASS
				RB1#25	22.31	22.21	30	PASS
				RB1#49	22.53	22.43	30	PASS
				RB25#0	21.29	21.19	30	PASS
				RB25#13	21.30	21.20	30	PASS
				RB25#25	21.32	21.22	30	PASS
				RB50#0	21.30	21.20	30	PASS
		15	LCH	RB1#0	22.30	22.20	30	PASS
				RB1#38	22.65	22.55	30	PASS
				RB1#74	22.34	22.24	30	PASS
				RB38#0	21.39	21.29	30	PASS
				RB38#19	21.34	21.24	30	PASS
				RB38#39	21.20	21.10	30	PASS
				RB75#0	21.30	21.20	30	PASS
			MCH	RB1#0	22.28	22.18	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.62	22.52	30	PASS
				RB1#74	22.40	22.30	30	PASS
				RB38#0	21.32	21.22	30	PASS
				RB38#19	21.35	21.25	30	PASS
				RB38#39	21.34	21.24	30	PASS
				RB75#0	21.29	21.19	30	PASS
			HCH	RB1#0	22.42	22.32	30	PASS
				RB1#38	22.63	22.53	30	PASS
				RB1#74	22.33	22.23	30	PASS
				RB38#0	21.39	21.29	30	PASS
				RB38#19	21.37	21.27	30	PASS
				RB38#39	21.34	21.24	30	PASS
		20	LCH	RB1#0	22.47	22.37	30	PASS
				RB1#50	22.12	22.02	30	PASS
				RB1#99	22.44	22.34	30	PASS
				RB50#0	21.31	21.21	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.28	21.18	30	PASS
				RB50#50	21.24	21.14	30	PASS
				RB100#0	21.28	21.18	30	PASS
			MCH	RB1#0	22.60	22.50	30	PASS
				RB1#50	22.55	22.45	30	PASS
				RB1#99	22.67	22.57	30	PASS
				RB50#0	21.30	21.20	30	PASS
				RB50#25	21.36	21.26	30	PASS
				RB50#50	21.29	21.19	30	PASS
				RB100#0	21.27	21.17	30	PASS
			HCH	RB1#0	22.53	22.43	30	PASS
				RB1#50	22.46	22.36	30	PASS
				RB1#99	22.45	22.35	30	PASS
				RB50#0	21.35	21.25	30	PASS
				RB50#25	21.39	21.29	30	PASS
RB50#50	21.36	21.26		30	PASS			
RB100#0	21.32	21.22		30	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:

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

SET RBW = 1% 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
Band4	LTE/TM1	1.4	LCH	RB1#0	5.08	13	PASS
				RB1#3	5.47	13	PASS
				RB1#5	5.01	13	PASS
				RB3#0	5.53	13	PASS
				RB3#2	5.59	13	PASS
				RB3#3	5.56	13	PASS
			RB6#0	5.93	13	PASS	
			MCH	RB1#0	5.18	13	PASS
				RB1#3	4.97	13	PASS
				RB1#5	4.98	13	PASS
				RB3#0	5.88	13	PASS
				RB3#2	5.78	13	PASS
				RB3#3	5.80	13	PASS
			HCH	RB6#0	5.96	13	PASS
				RB1#0	5.43	13	PASS
				RB1#3	4.97	13	PASS
				RB1#5	4.90	13	PASS
				RB3#0	5.59	13	PASS
		RB3#2		5.29	13	PASS	
		3	LCH	RB3#3	5.64	13	PASS
				RB6#0	5.77	13	PASS
				RB1#0	5.48	13	PASS
				RB1#7	5.49	13	PASS
				RB1#14	5.52	13	PASS
				RB8#0	5.99	13	PASS
			MCH	RB8#4	5.98	13	PASS
				RB8#7	6.02	13	PASS
				RB15#0	5.86	13	PASS
RB1#0	5.23			13	PASS		
RB1#7	5.56	13	PASS				
RB1#14	5.51	13	PASS				
RB8#0	5.63	13	PASS				
RB8#4	5.63	13	PASS				
RB8#7	5.66	13	PASS				
RB15#0	6.05	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB1#0	4.95	13	PASS
				RB1#7	5.15	13	PASS
				RB1#14	4.93	13	PASS
				RB8#0	5.95	13	PASS
				RB8#4	5.84	13	PASS
				RB8#7	5.96	13	PASS
				RB15#0	6.03	13	PASS
			LCH	RB1#0	5.16	13	PASS
				RB1#13	4.82	13	PASS
				RB1#24	4.97	13	PASS
				RB12#0	6.34	13	PASS
				RB12#6	6.32	13	PASS
				RB12#13	6.39	13	PASS
				RB25#0	6.09	13	PASS
		MCH	RB1#0	5.29	13	PASS	
			RB1#13	5.44	13	PASS	
			RB1#24	5.32	13	PASS	
			RB12#0	6.19	13	PASS	
			RB12#6	5.69	13	PASS	
			RB12#13	5.84	13	PASS	
		HCH	RB1#0	5.19	13	PASS	
			RB1#13	5.04	13	PASS	
			RB1#24	5.05	13	PASS	
			RB12#0	5.86	13	PASS	
			RB12#6	5.89	13	PASS	
			RB12#13	5.67	13	PASS	
		10	LCH	RB1#0	5.37	13	PASS
				RB1#25	5.52	13	PASS
				RB1#49	5.29	13	PASS
				RB25#0	6.12	13	PASS
				RB25#13	6.09	13	PASS
				RB25#25	6.19	13	PASS
			MCH	RB50#0	6.44	13	PASS
				RB1#0	5.26	13	PASS
				RB1#25	5.21	13	PASS
				RB1#49	5.27	13	PASS
RB25#0	6.24			13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	6.32	13	PASS
				RB25#25	6.33	13	PASS
				RB50#0	6.32	13	PASS
			HCH	RB1#0	5.08	13	PASS
				RB1#25	5.15	13	PASS
				RB1#49	4.95	13	PASS
				RB25#0	6.05	13	PASS
				RB25#13	5.96	13	PASS
				RB25#25	6.06	13	PASS
				RB50#0	6.34	13	PASS
			LCH	RB1#0	5.59	13	PASS
				RB1#38	5.58	13	PASS
		RB1#74		5.33	13	PASS	
		RB38#0		6.14	13	PASS	
		RB38#19		6.18	13	PASS	
		RB38#39		6.20	13	PASS	
		RB75#0		6.50	13	PASS	
		MCH	RB1#0	5.17	13	PASS	
			RB1#38	5.12	13	PASS	
			RB1#74	5.04	13	PASS	
			RB38#0	6.21	13	PASS	
			RB38#19	6.13	13	PASS	
			RB38#39	6.20	13	PASS	
			RB75#0	6.53	13	PASS	
		HCH	RB1#0	5.33	13	PASS	
			RB1#38	5.15	13	PASS	
			RB1#74	5.05	13	PASS	
			RB38#0	6.28	13	PASS	
			RB38#19	6.17	13	PASS	
			RB38#39	6.33	13	PASS	
			RB75#0	6.41	13	PASS	
		20	LCH	RB1#0	4.98	13	PASS
				RB1#50	4.99	13	PASS
RB1#99	7.45			13	PASS		
RB50#0	6.31			13	PASS		
RB50#25	6.25			13	PASS		
RB50#50	6.32			13	PASS		
RB100#0	6.39			13	PASS		
MCH	RB1#0		5.60	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	5.56	13	PASS			
				RB1#99	5.43	13	PASS			
				RB50#0	6.21	13	PASS			
				RB50#25	6.13	13	PASS			
				RB50#50	6.29	13	PASS			
				RB100#0	6.27	13	PASS			
			HCH	RB1#0	5.29	13	PASS			
				RB1#50	5.31	13	PASS			
				RB1#99	5.38	13	PASS			
				RB50#0	6.28	13	PASS			
				RB50#25	6.18	13	PASS			
				RB50#50	6.33	13	PASS			
					1.4	LCH	RB1#0	5.49	13	PASS
							RB1#3	5.62	13	PASS
	RB1#5	5.67					13	PASS		
	RB3#0	6.24					13	PASS		
	RB3#2	6.60					13	PASS		
	RB3#3	6.36					13	PASS		
	MCH	RB6#0				6.72	13	PASS		
		RB1#0				6.25	13	PASS		
		RB1#3				5.85	13	PASS		
		RB1#5				5.81	13	PASS		
		RB3#0				6.00	13	PASS		
		RB3#2				6.53	13	PASS		
	HCH	RB3#3				6.01	13	PASS		
		RB6#0				6.49	13	PASS		
		RB1#0	5.40	13	PASS					
		RB1#3	5.39	13	PASS					
		RB1#5	5.61	13	PASS					
		RB3#0	6.52	13	PASS					
			3	LCH	RB3#2	6.52	13	PASS		
					RB3#3	6.58	13	PASS		
RB6#0					6.64	13	PASS			
RB1#0					5.29	13	PASS			
RB1#7					5.81	13	PASS			
				RB1#14	5.29	13	PASS			
				RB8#0	6.58	13	PASS			
				RB8#4	6.57	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#7	6.65	13	PASS	
				RB15#0	6.63	13	PASS	
			MCH	RB1#0	6.01	13	PASS	
				RB1#7	6.43	13	PASS	
				RB1#14	6.31	13	PASS	
				RB8#0	6.54	13	PASS	
				RB8#4	6.47	13	PASS	
				RB8#7	6.52	13	PASS	
				RB15#0	6.72	13	PASS	
			HCH	RB1#0	5.92	13	PASS	
				RB1#7	5.93	13	PASS	
				RB1#14	5.82	13	PASS	
				RB8#0	6.76	13	PASS	
				RB8#4	6.70	13	PASS	
				RB8#7	6.78	13	PASS	
		5	LCH		RB1#0	5.64	13	PASS
					RB1#13	5.49	13	PASS
					RB1#24	5.71	13	PASS
					RB12#0	6.48	13	PASS
					RB12#6	6.52	13	PASS
					RB12#13	6.48	13	PASS
					RB25#0	6.80	13	PASS
			MCH	RB1#0	6.09	13	PASS	
				RB1#13	6.07	13	PASS	
				RB1#24	6.07	13	PASS	
				RB12#0	6.71	13	PASS	
				RB12#6	6.61	13	PASS	
				RB12#13	6.59	13	PASS	
				RB25#0	6.75	13	PASS	
			HCH	RB1#0	6.15	13	PASS	
RB1#13	6.25	13		PASS				
RB1#24	6.13	13		PASS				
RB12#0	6.42	13		PASS				
RB12#6	6.49	13		PASS				
RB12#13	6.41	13		PASS				
RB25#0	6.82	13		PASS				
10	LCH	RB1#0	5.33	13	PASS			
		RB1#25	5.32	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.47	13	PASS
				RB25#0	6.99	13	PASS
				RB25#13	6.90	13	PASS
				RB25#25	7.05	13	PASS
				RB50#0	7.05	13	PASS
			MCH	RB1#0	6.07	13	PASS
				RB1#25	6.22	13	PASS
				RB1#49	6.06	13	PASS
				RB25#0	6.86	13	PASS
				RB25#13	6.75	13	PASS
				RB25#25	6.87	13	PASS
			HCH	RB50#0	6.91	13	PASS
				RB1#0	6.13	13	PASS
				RB1#25	6.25	13	PASS
				RB1#49	6.14	13	PASS
				RB25#0	7.06	13	PASS
				RB25#13	7.06	13	PASS
			15	LCH	RB25#25	7.17	13
		RB50#0			6.99	13	PASS
		RB1#0			5.54	13	PASS
		RB1#38			5.55	13	PASS
		RB1#74			5.62	13	PASS
		RB38#0			7.06	13	PASS
		RB38#19			7.02	13	PASS
		MCH		RB38#39	6.96	13	PASS
				RB75#0	7.34	13	PASS
				RB1#0	6.13	13	PASS
				RB1#38	6.00	13	PASS
				RB1#74	6.34	13	PASS
				RB38#0	6.84	13	PASS
				RB38#19	6.75	13	PASS
		HCH		RB38#39	6.78	13	PASS
			RB75#0	7.24	13	PASS	
RB1#0	6.01		13	PASS			
RB1#38	5.88		13	PASS			
RB1#74	5.93		13	PASS			
RB38#0	7.08		13	PASS			
				RB38#19	6.91	13	PASS
				RB38#39	7.19	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	7.28	13	PASS
		20	LCH	RB1#0	6.21	13	PASS
				RB1#50	6.41	13	PASS
				RB1#99	0.00	13	PASS
				RB50#0	6.96	13	PASS
				RB50#25	6.81	13	PASS
				RB50#50	7.01	13	PASS
				RB100#0	7.35	13	PASS
				MCH	RB1#0	6.14	13
			RB1#50		6.07	13	PASS
			RB1#99		6.09	13	PASS
			RB50#0		6.88	13	PASS
			RB50#25		6.78	13	PASS
			RB50#50		6.83	13	PASS
			RB100#0		7.18	13	PASS
			HCH	RB1#0	5.69	13	PASS
				RB1#50	5.74	13	PASS
				RB1#99	5.77	13	PASS
				RB50#0	7.00	13	PASS
				RB50#25	6.92	13	PASS
				RB50#50	7.11	13	PASS
				RB100#0	7.20	13	PASS



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

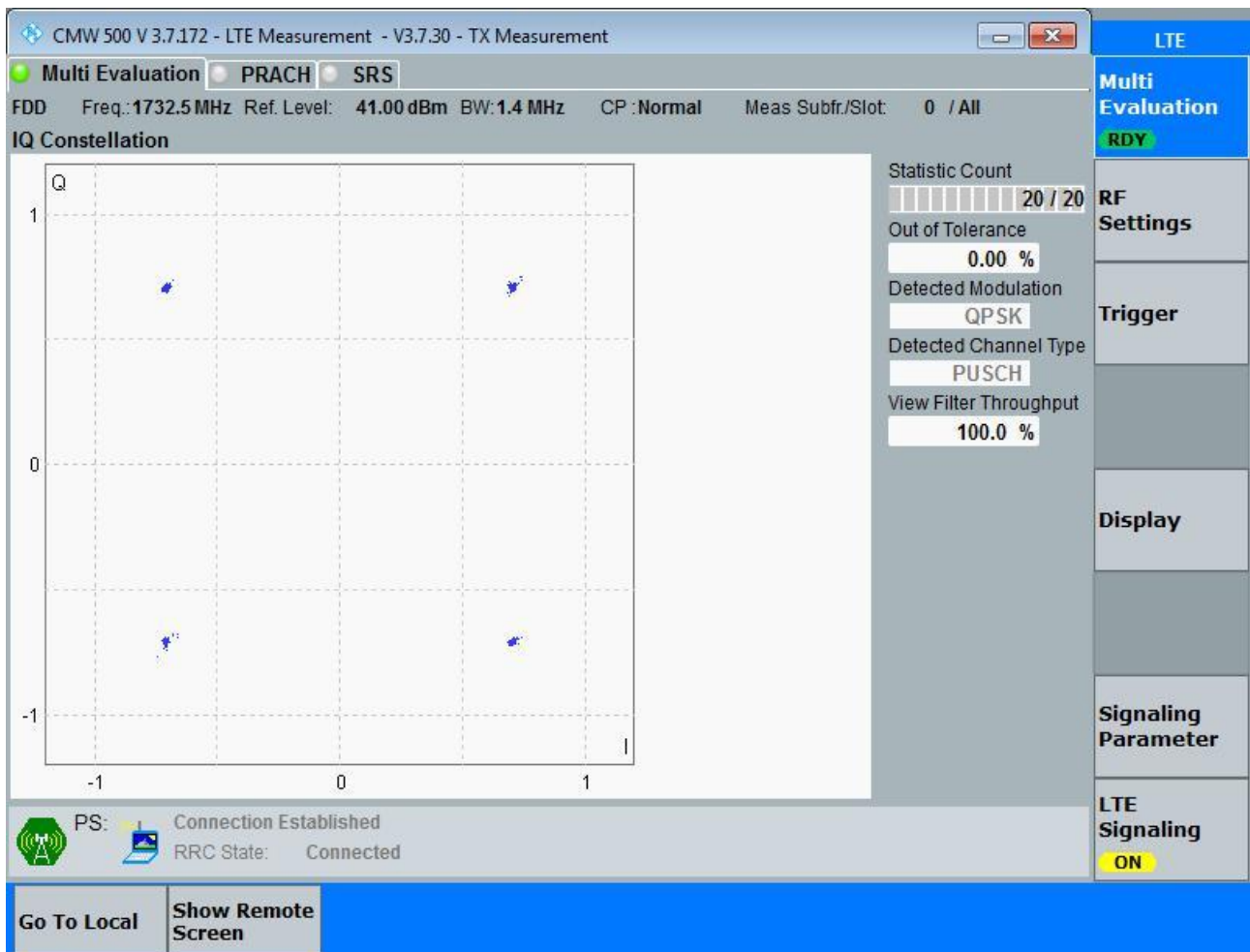
##### 3.1.1 Test Band = Band4

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

##### 3.1.1.1.1 Test Bandwidth = 1.4MHz

##### 3.1.1.1.1.1 Test Channel = MCH

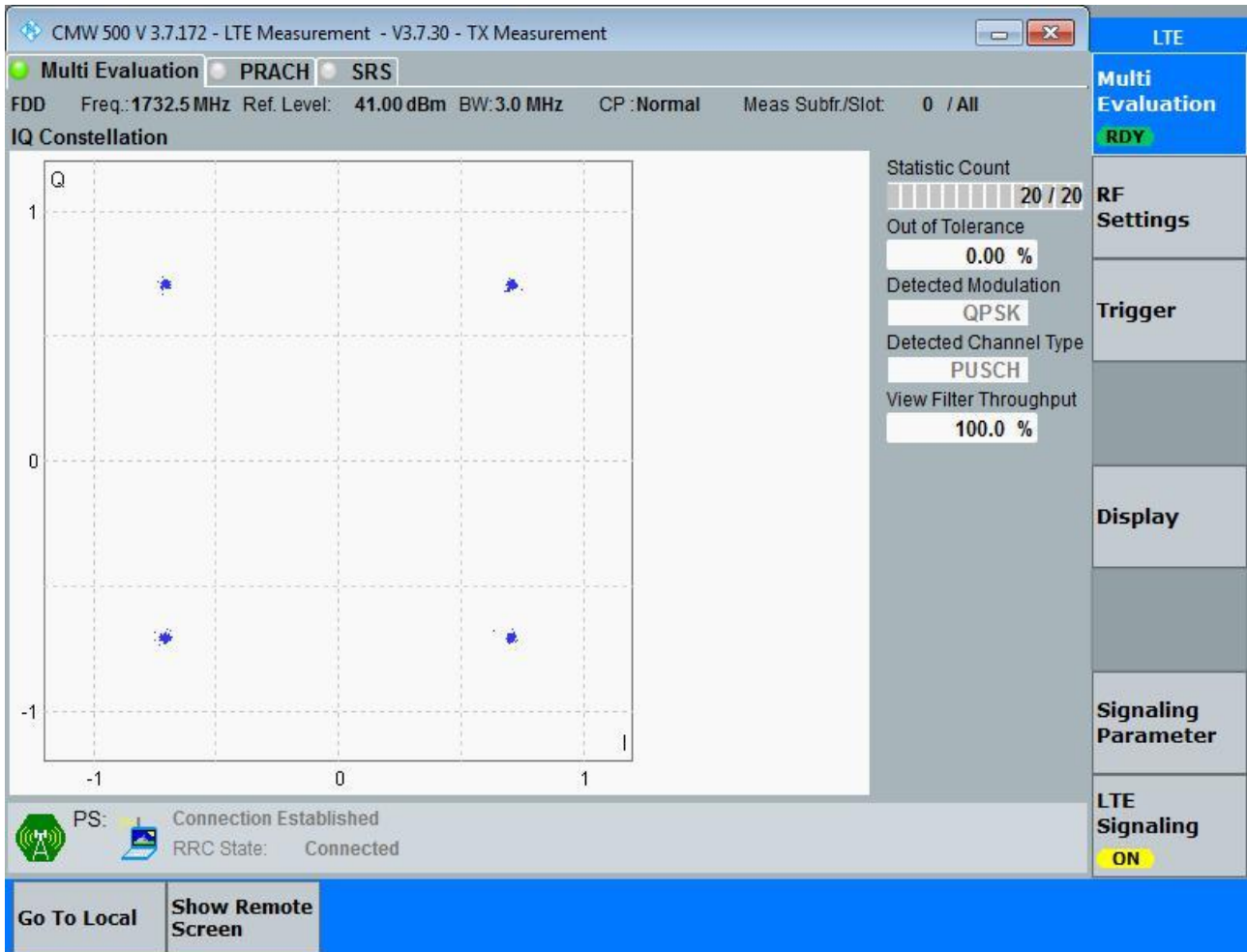
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3MHz

#### 3.1.1.1.2.1 Test Channel = MCH

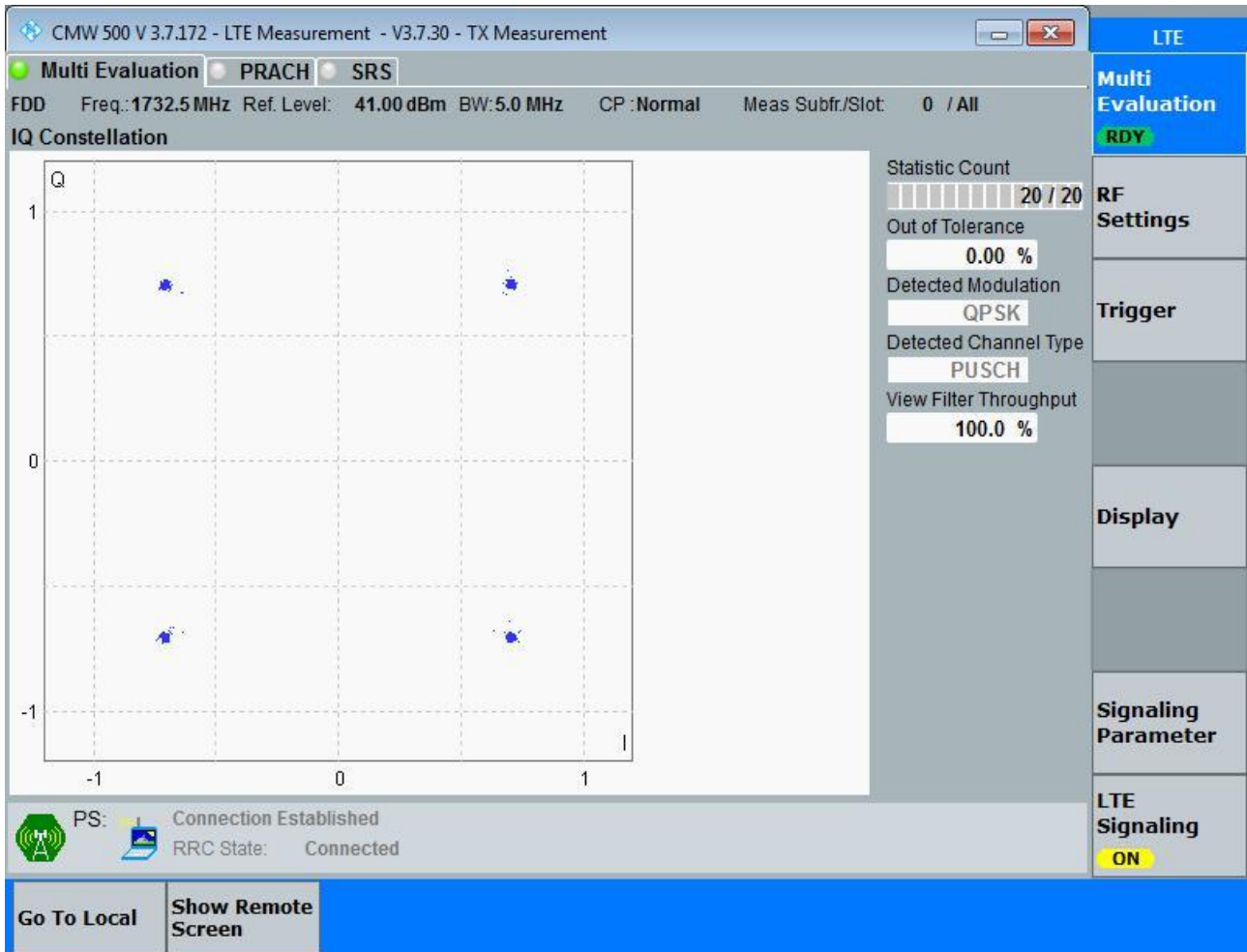
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5MHz

#### 3.1.1.1.3.1 Test Channel = MCH

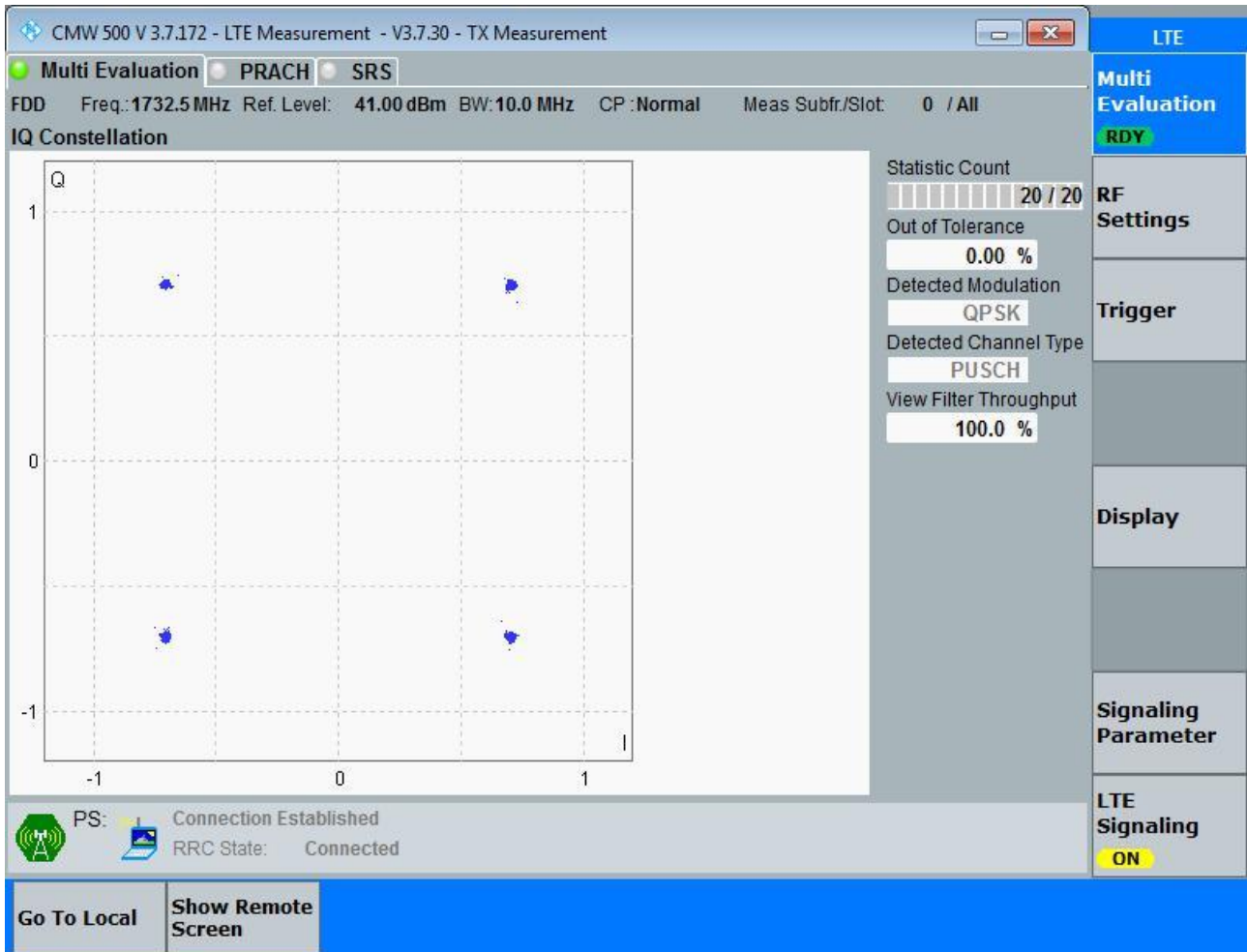
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10MHz

#### 3.1.1.1.4.1 Test Channel = MCH

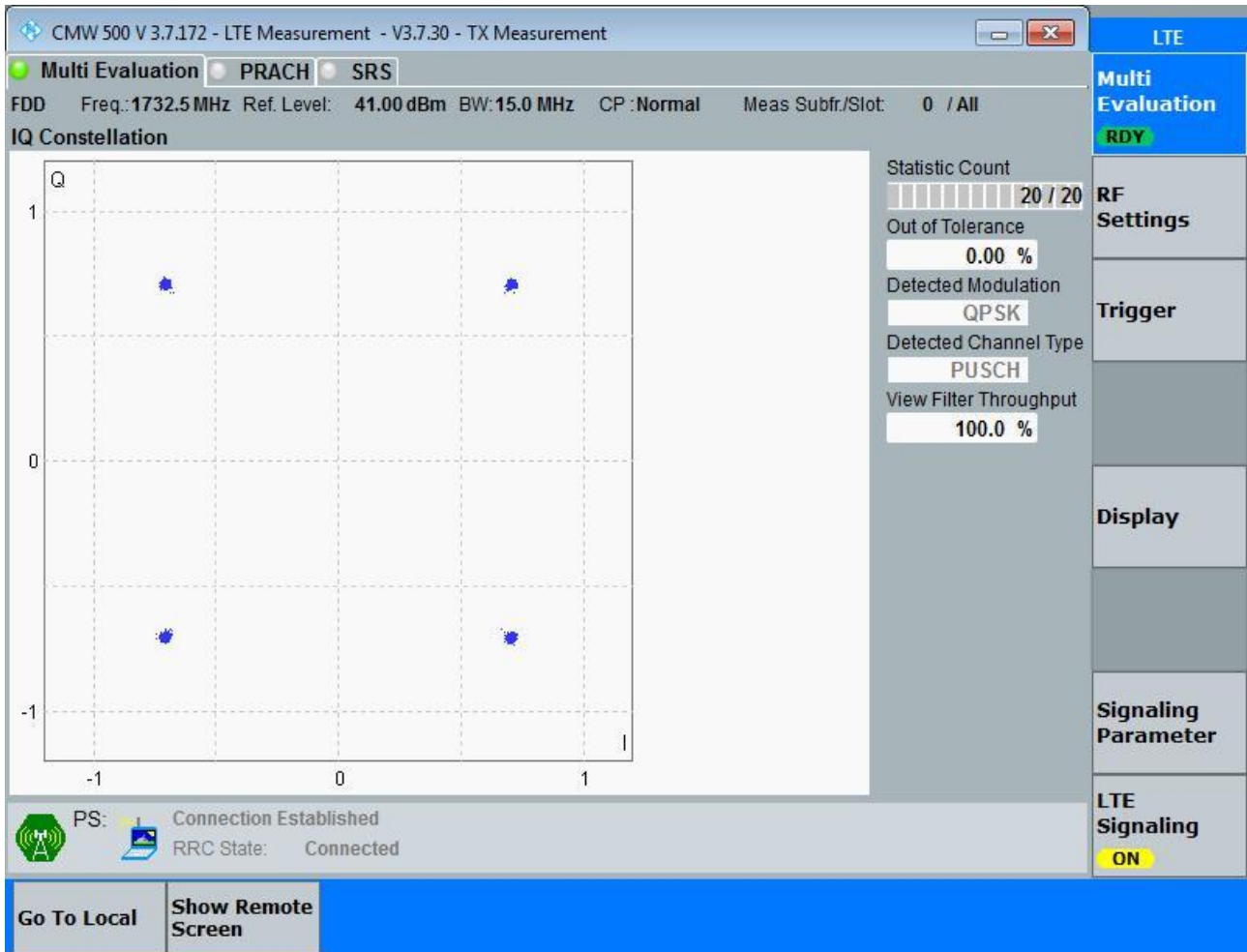
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15MHz

#### 3.1.1.1.5.1 Test Channel = MCH

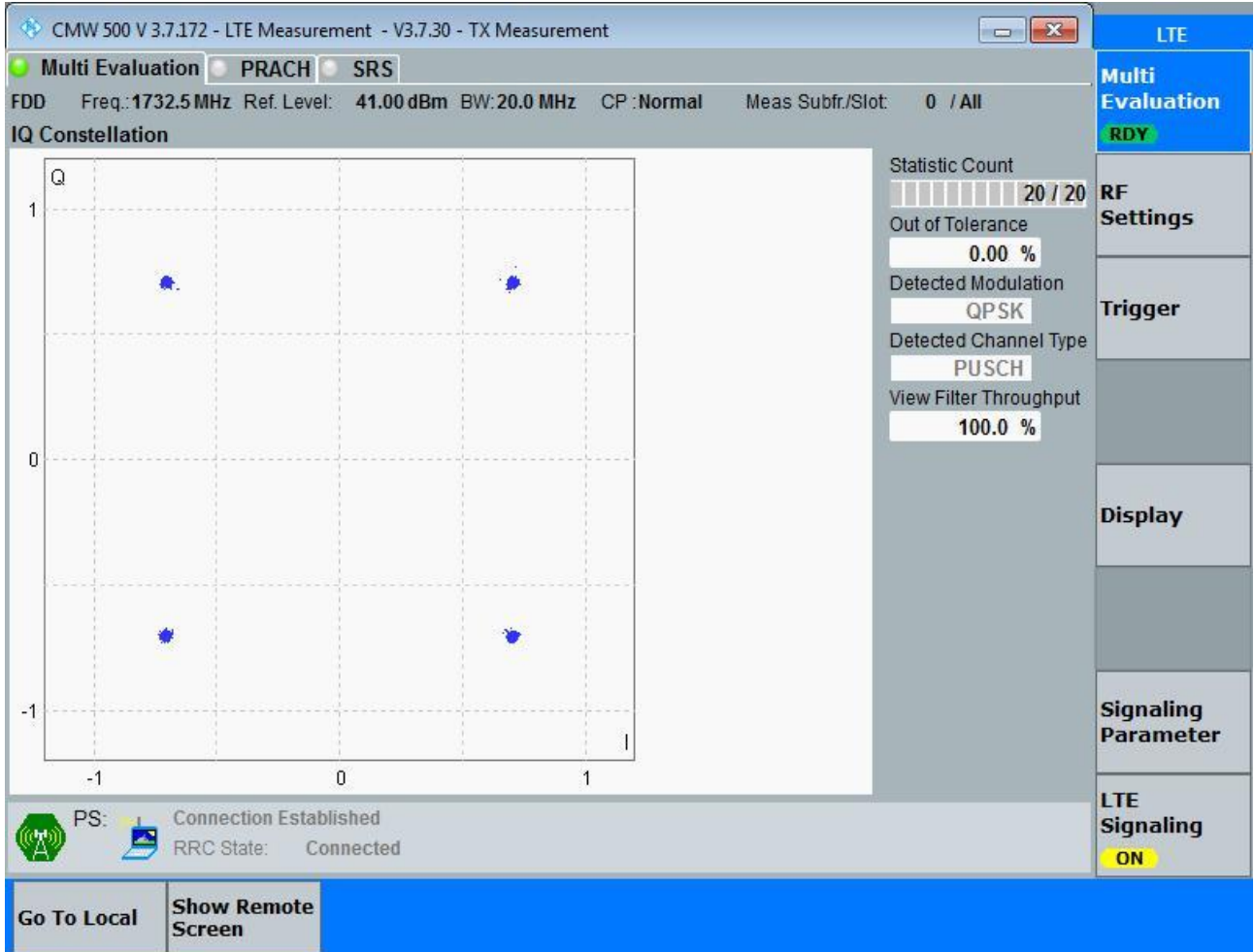
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 3.1.1.1.6 Test Bandwidth = 20MHz

#### 3.1.1.1.6.1 Test Channel = MCH

##### 3.1.1.1.6.1.1 Test RB = RB100#0



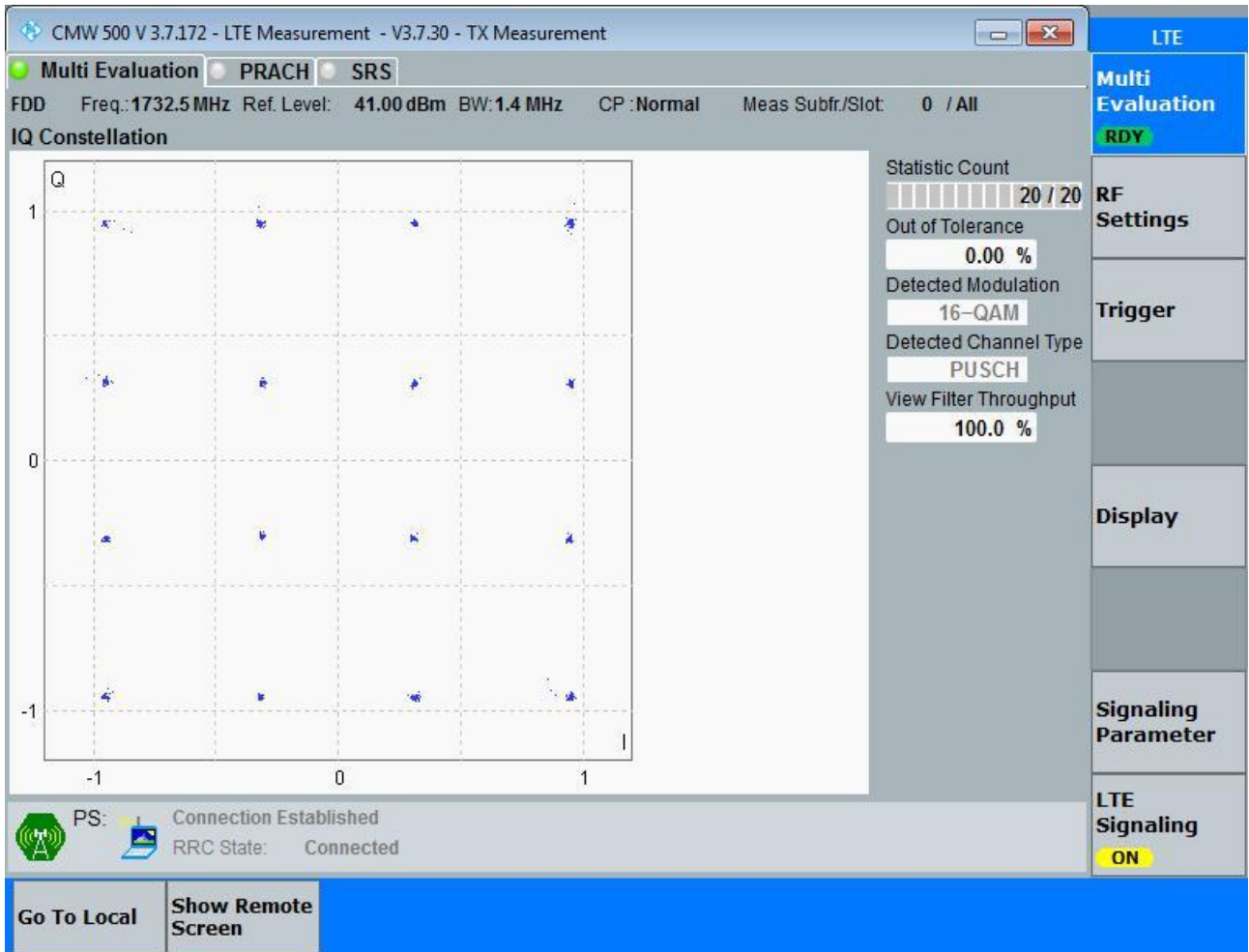


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4MHz

##### 3.1.1.2.1.1 Test Channel = MCH

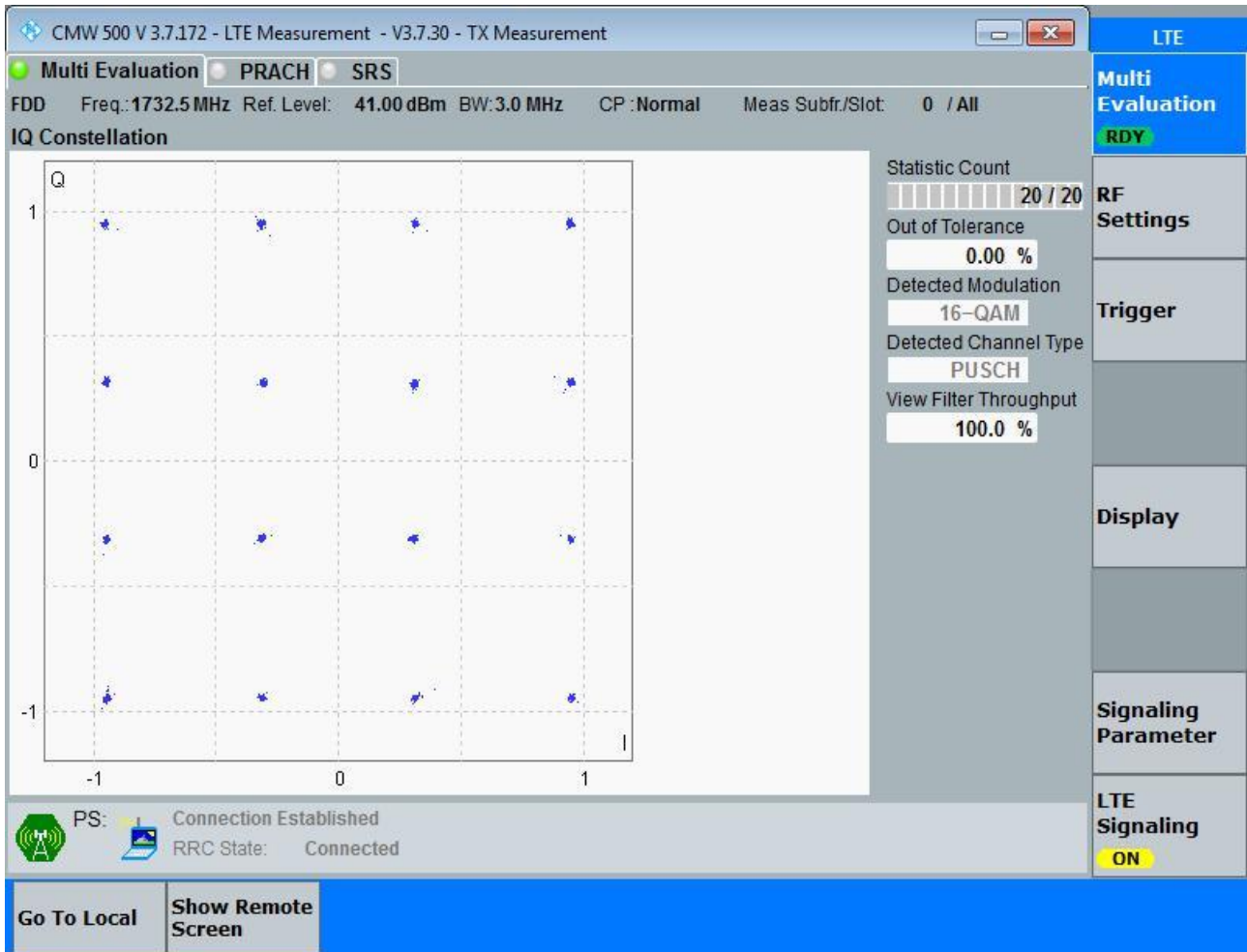
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3MHz

#### 3.1.1.2.2.1 Test Channel = MCH

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

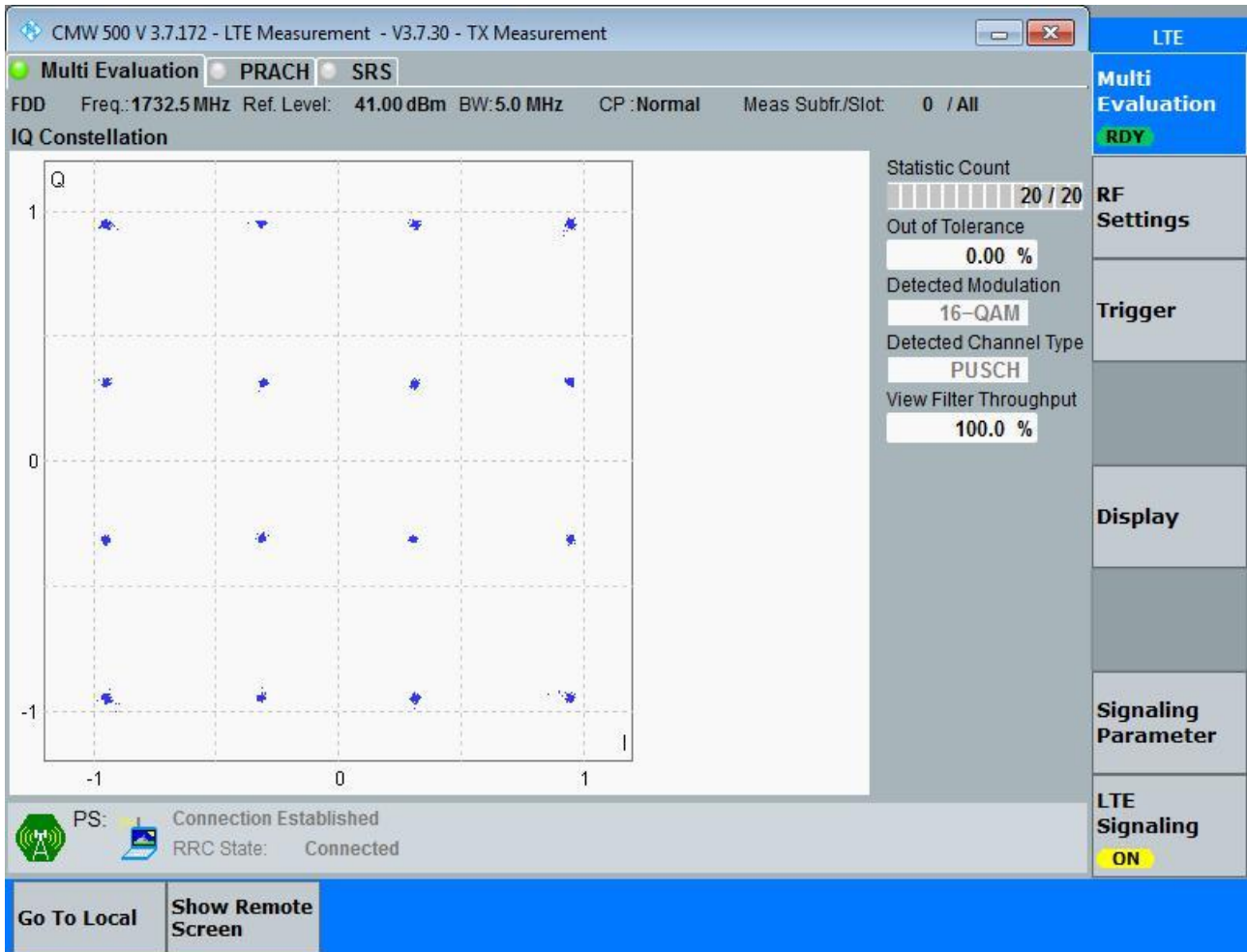




### 3.1.1.2.3 Test Bandwidth = 5MHz

#### 3.1.1.2.3.1 Test Channel = MCH

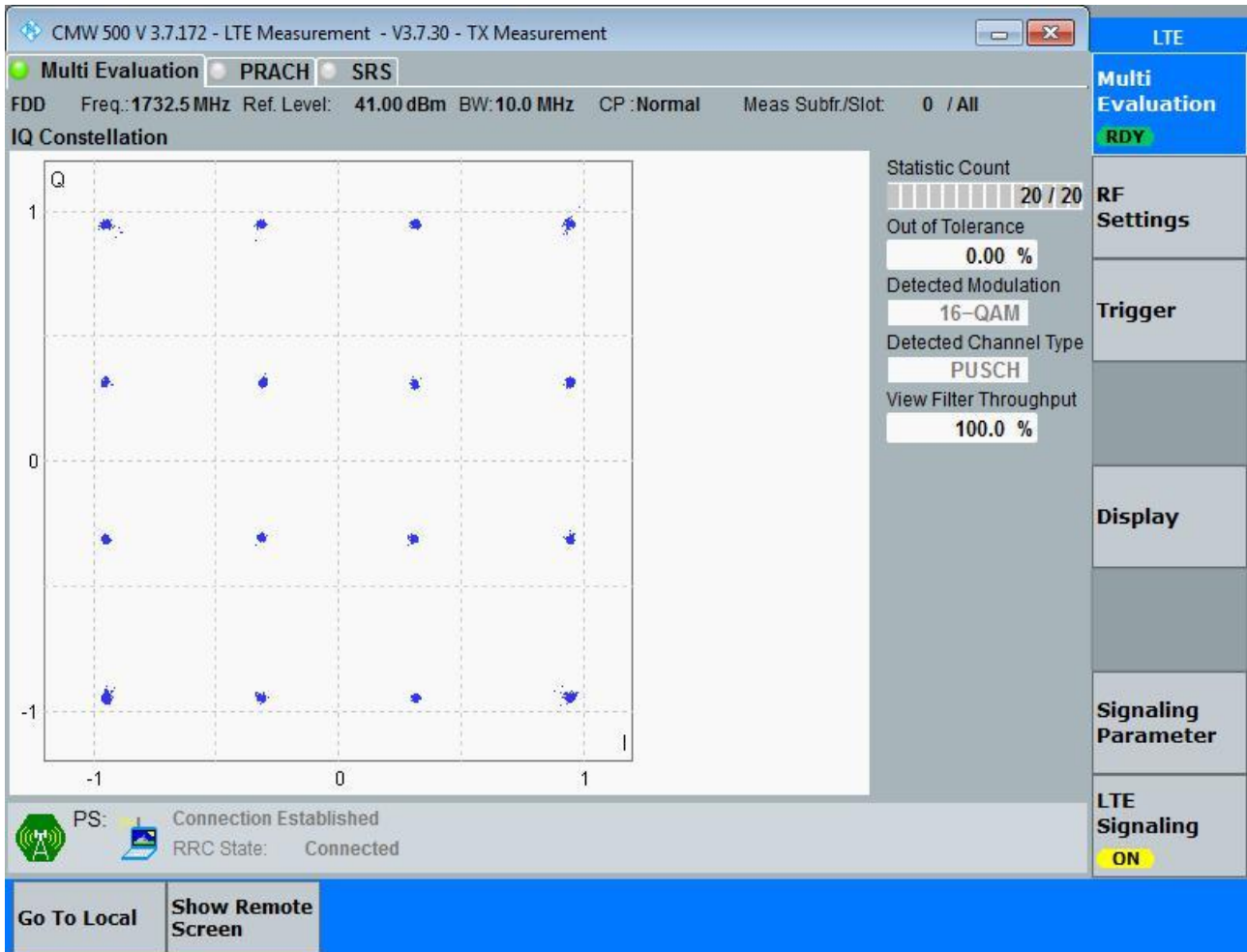
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10MHz

#### 3.1.1.2.4.1 Test Channel = MCH

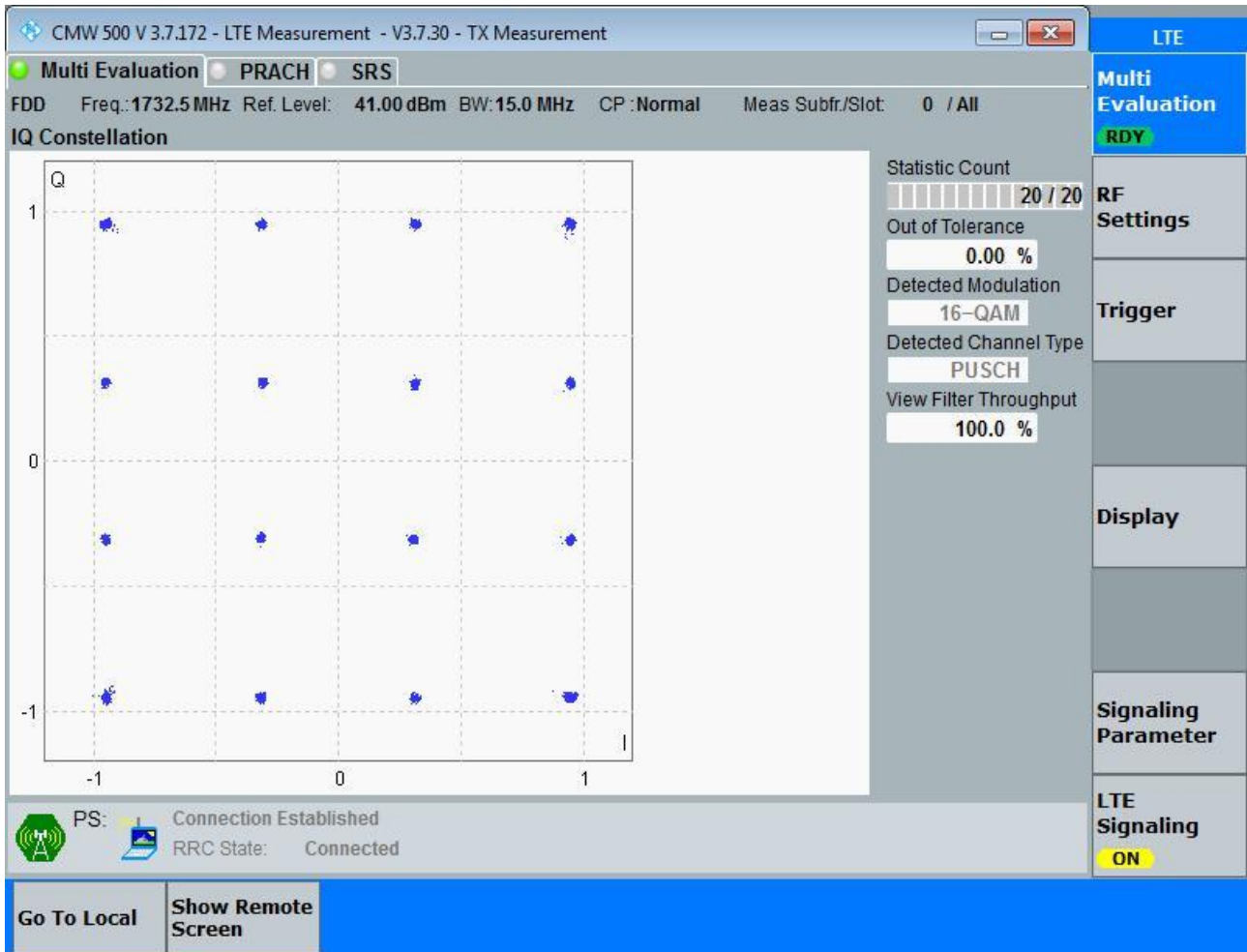
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15MHz

#### 3.1.1.2.5.1 Test Channel = MCH

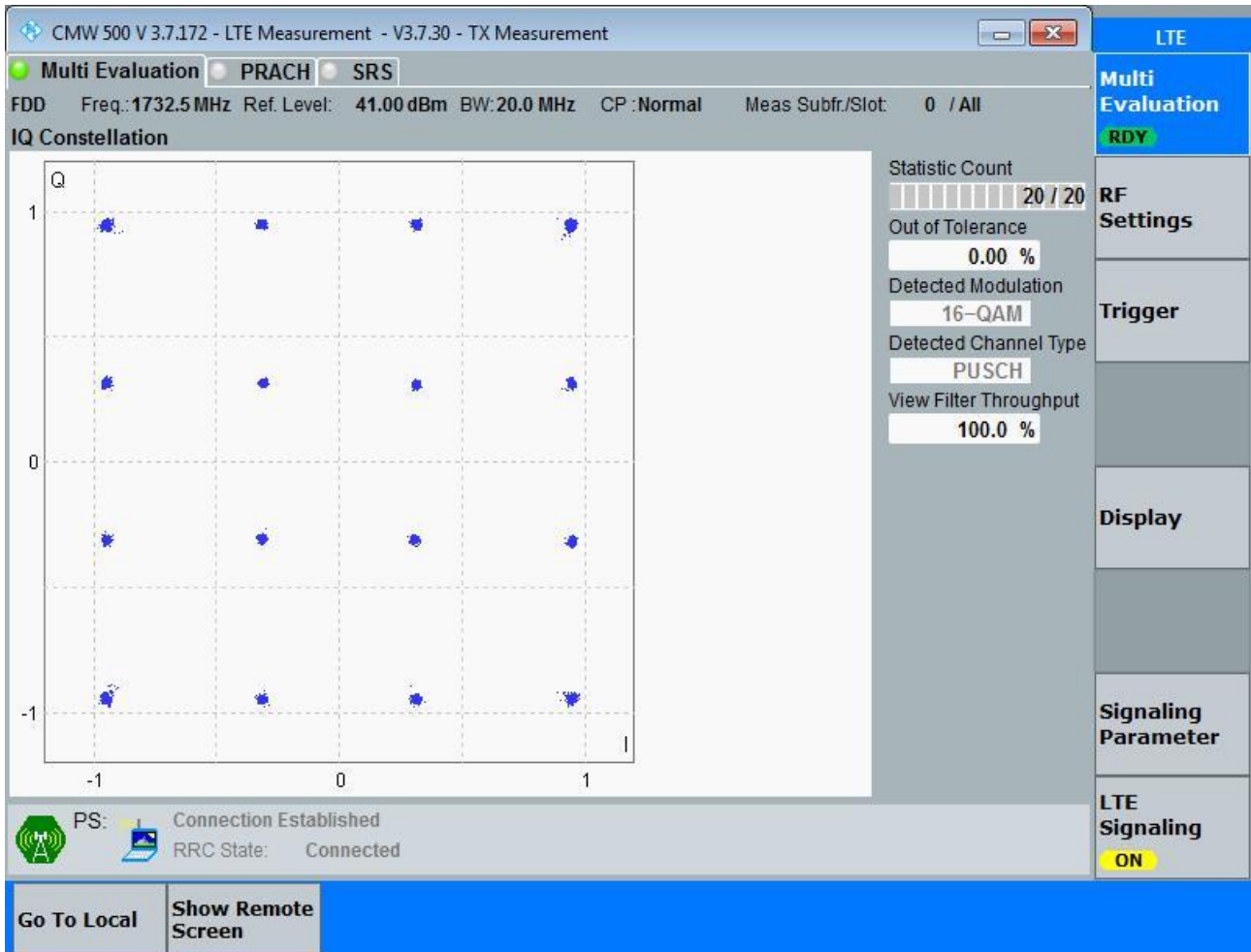
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 3.1.1.2.6 Test Bandwidth = 20MHz

#### 3.1.1.2.6.1 Test Channel = MCH

##### 3.1.1.2.6.1.1 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
Band4	LTE/TM1	1.4	LCH	RB6#0	1.09	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	2.99	Pass
			MCH	RB15#0	2.70	2.98	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.51	4.99	Pass
			MCH	RB25#0	4.50	4.96	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	9.02	9.92	Pass
			MCH	RB50#0	9.00	9.92	Pass
			HCH	RB50#0	8.99	9.87	Pass
	15	LCH	RB75#0	13.51	14.84	Pass	
		MCH	RB75#0	13.51	14.91	Pass	
		HCH	RB75#0	13.48	15.00	Pass	
	20	LCH	RB100#0	17.99	19.71	Pass	
		MCH	RB100#0	17.98	19.77	Pass	
		HCH	RB100#0	18.03	19.73	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	2.72	2.99	Pass
			HCH	RB15#0	2.71	2.98	Pass
5		LCH	RB25#0	4.52	4.97	Pass	
		MCH	RB25#0	4.51	4.98	Pass	
		HCH	RB25#0	4.50	4.95	Pass	
10		LCH	RB50#0	9.01	9.91	Pass	
		MCH	RB50#0	9.01	9.95	Pass	
		HCH	RB50#0	9.02	9.88	Pass	
15	LCH	RB75#0	13.49	14.99	Pass		
	MCH	RB75#0	13.52	15.01	Pass		
	HCH	RB75#0	13.48	14.91	Pass		
20	LCH	RB100#0	18.00	19.69	Pass		
	MCH	RB100#0	17.98	19.71	Pass		



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Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	17.99	19.69	Pass

## Part II - Test Plots

### 4.1 For LTE

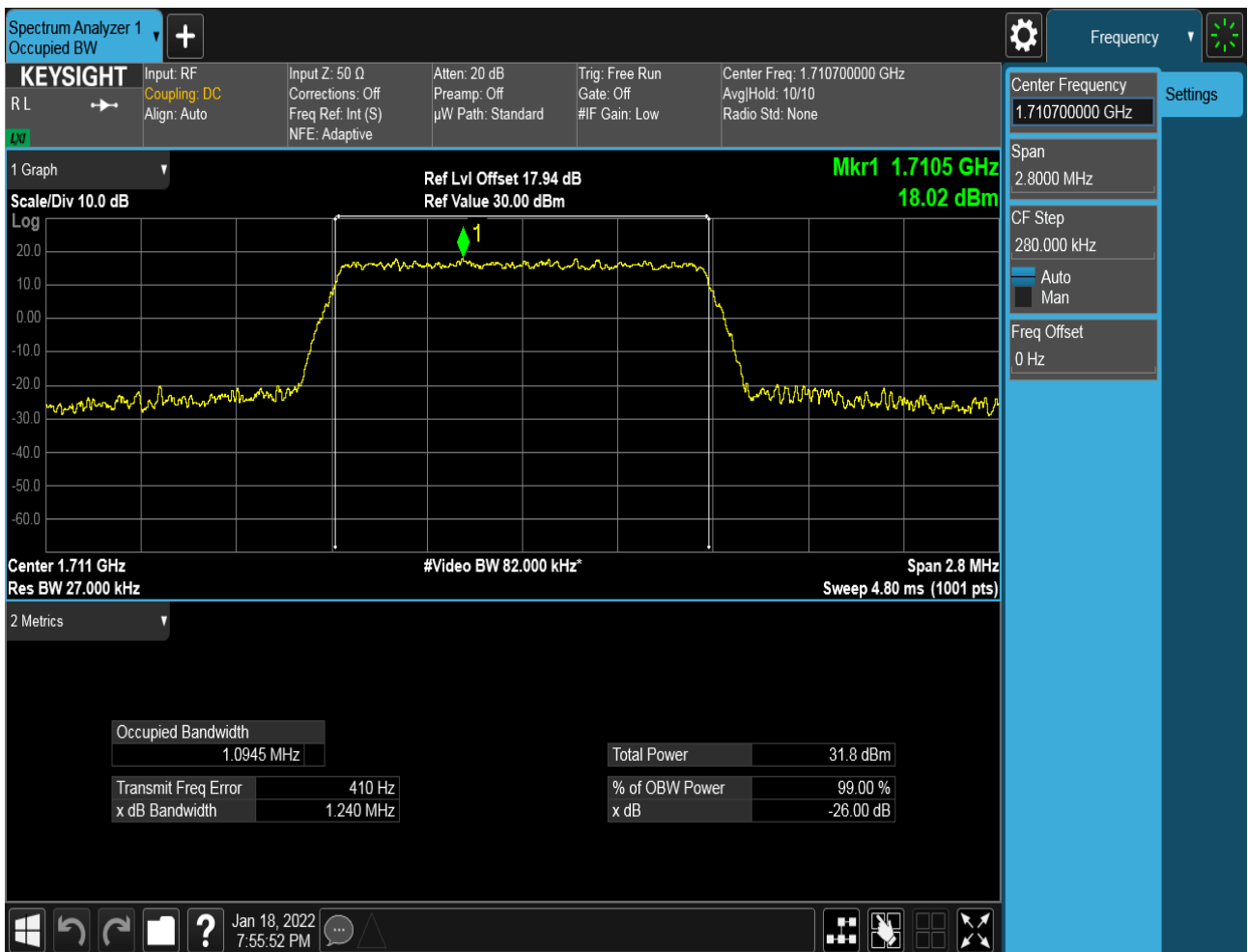
#### 4.1.1 Test Band = Band4

##### 4.1.1.1 Test Mode = LTE/TM1

##### 4.1.1.1.1 Test Bandwidth = 1.4MHz

##### 4.1.1.1.1.1 Test Channel = LCH

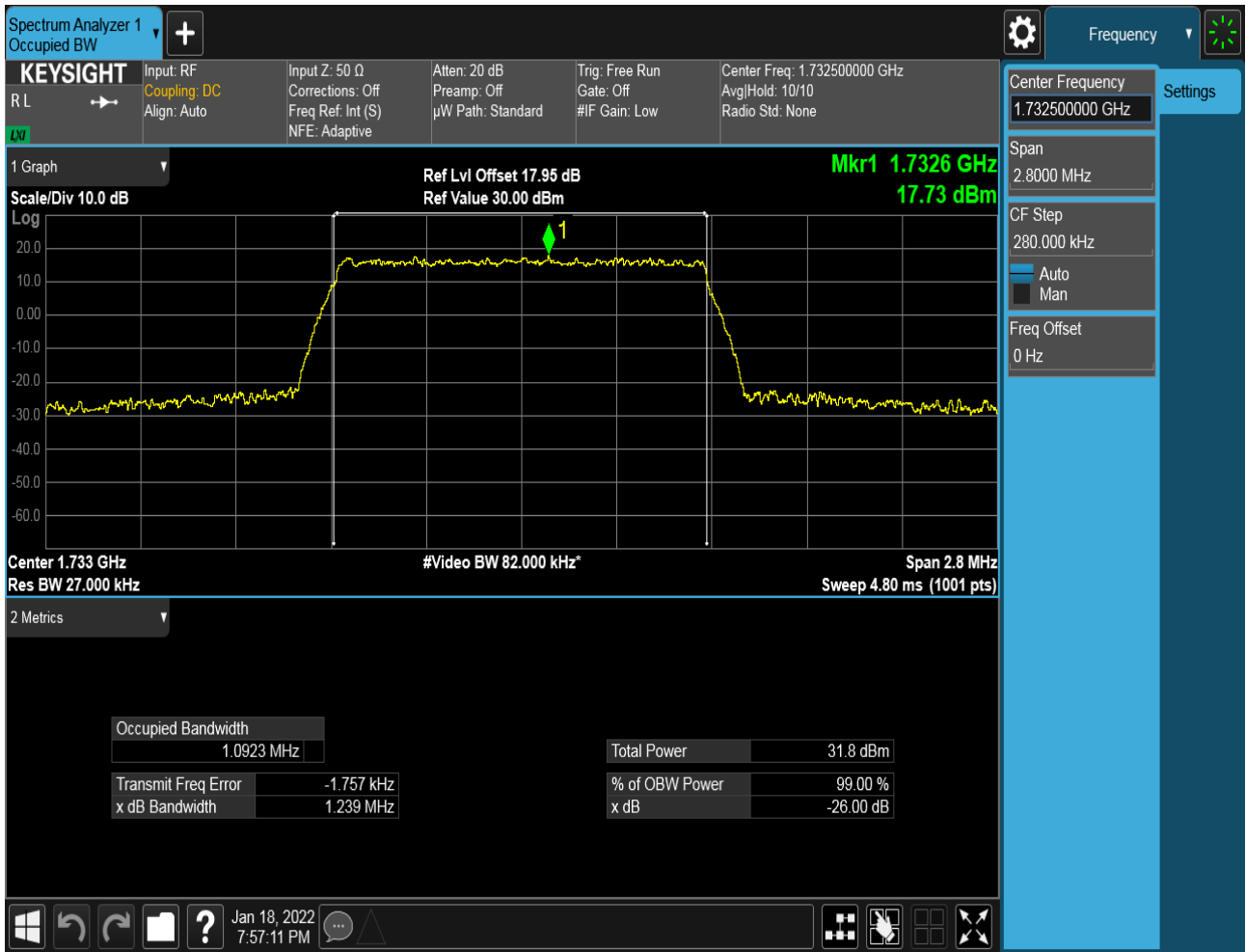
##### 4.1.1.1.1.1.1 Test RB = RB#0





### 4.1.1.1.1.2 Test Channel = MCH

#### 4.1.1.1.1.2.1 Test RB = RB6#0

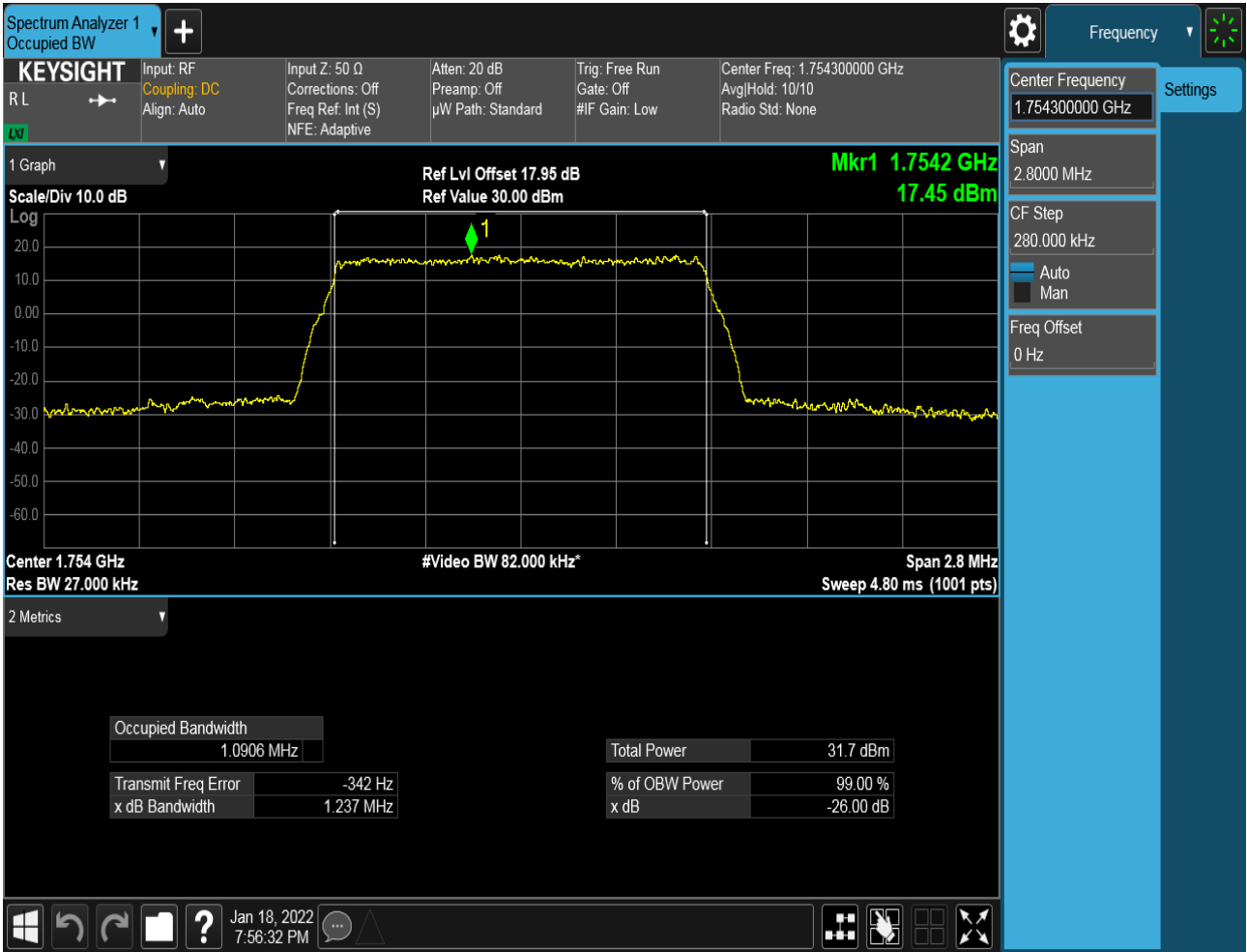






### 4.1.1.1.1.3 Test Channel = HCH

#### 4.1.1.1.1.3.1 Test RB = RB6#0

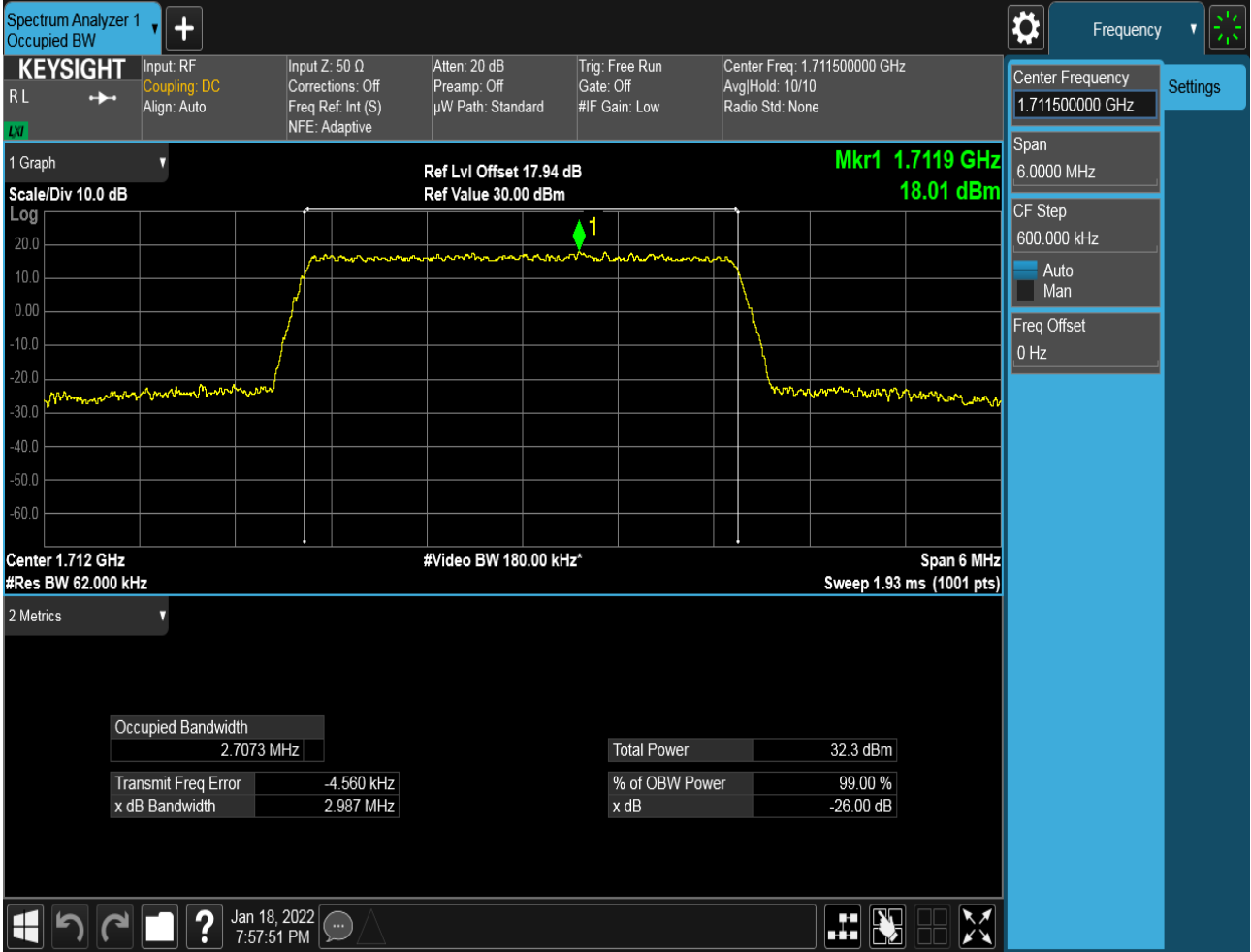




### 4.1.1.1.2 Test Bandwidth = 3MHz

#### 4.1.1.1.2.1 Test Channel = LCH

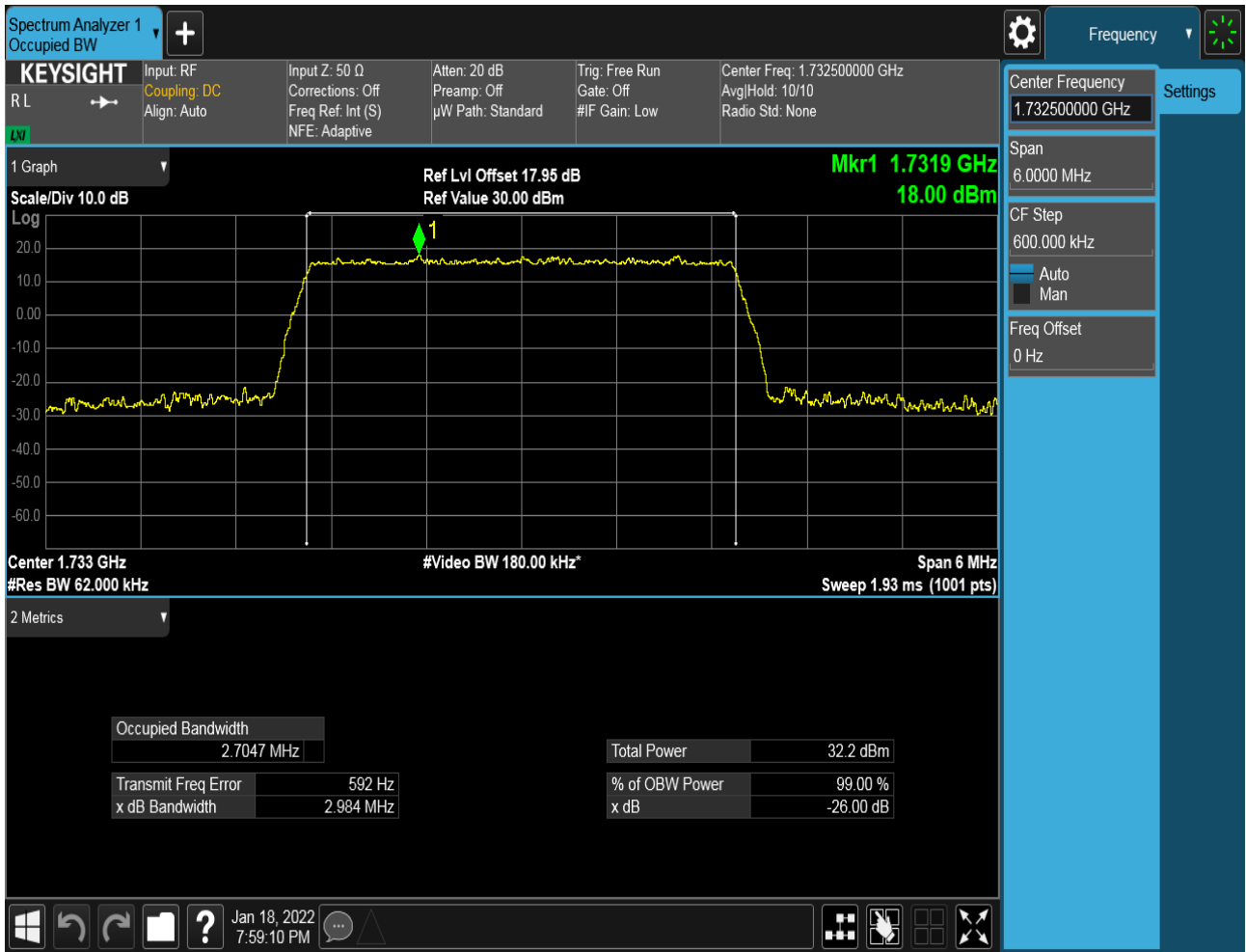
##### 4.1.1.1.2.1.1 Test RB = RB15#0





### 4.1.1.1.2.2 Test Channel = MCH

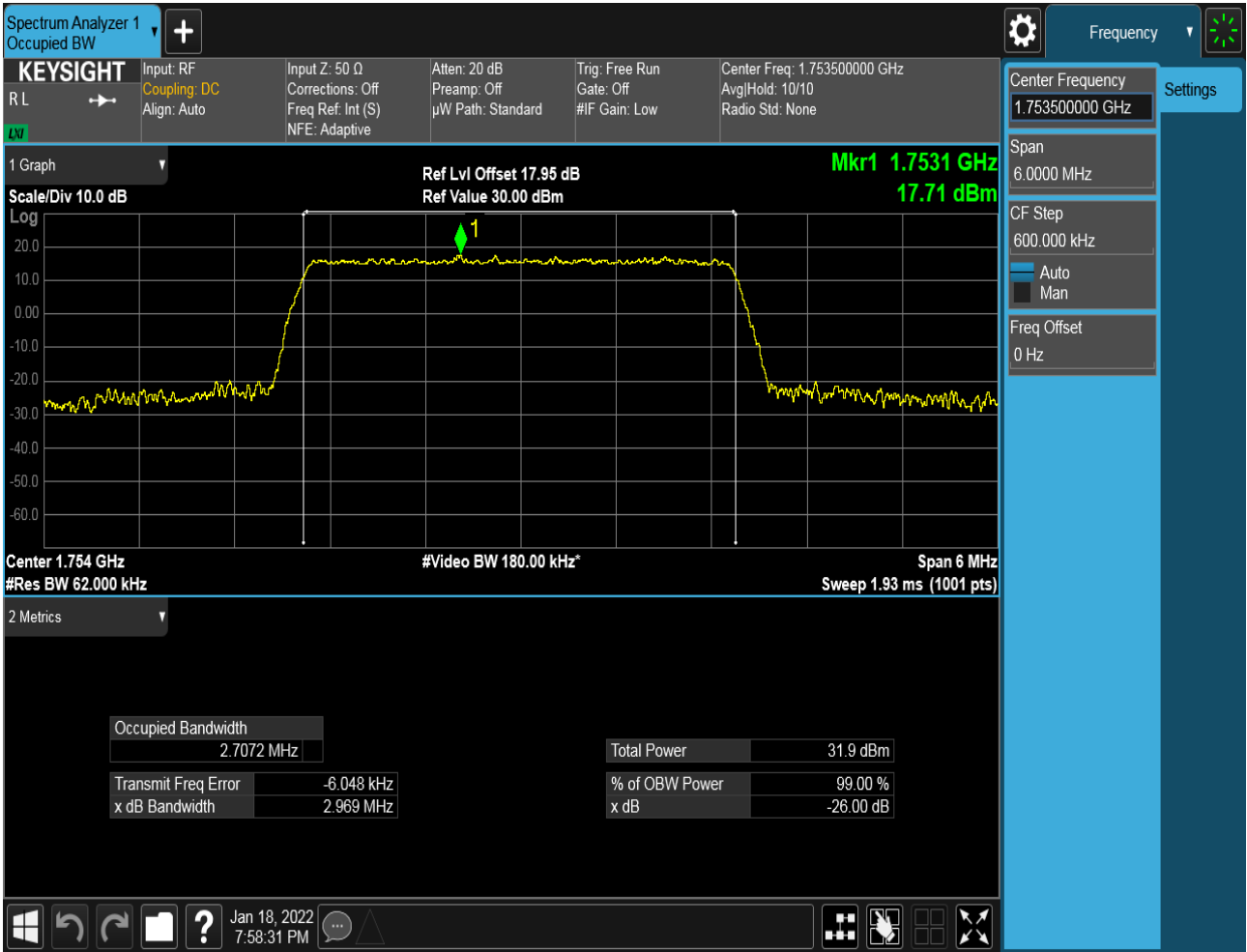
#### 4.1.1.1.2.2.1 Test RB = RB15#0





### 4.1.1.1.2.3 Test Channel = HCH

#### 4.1.1.1.2.3.1 Test RB = RB15#0

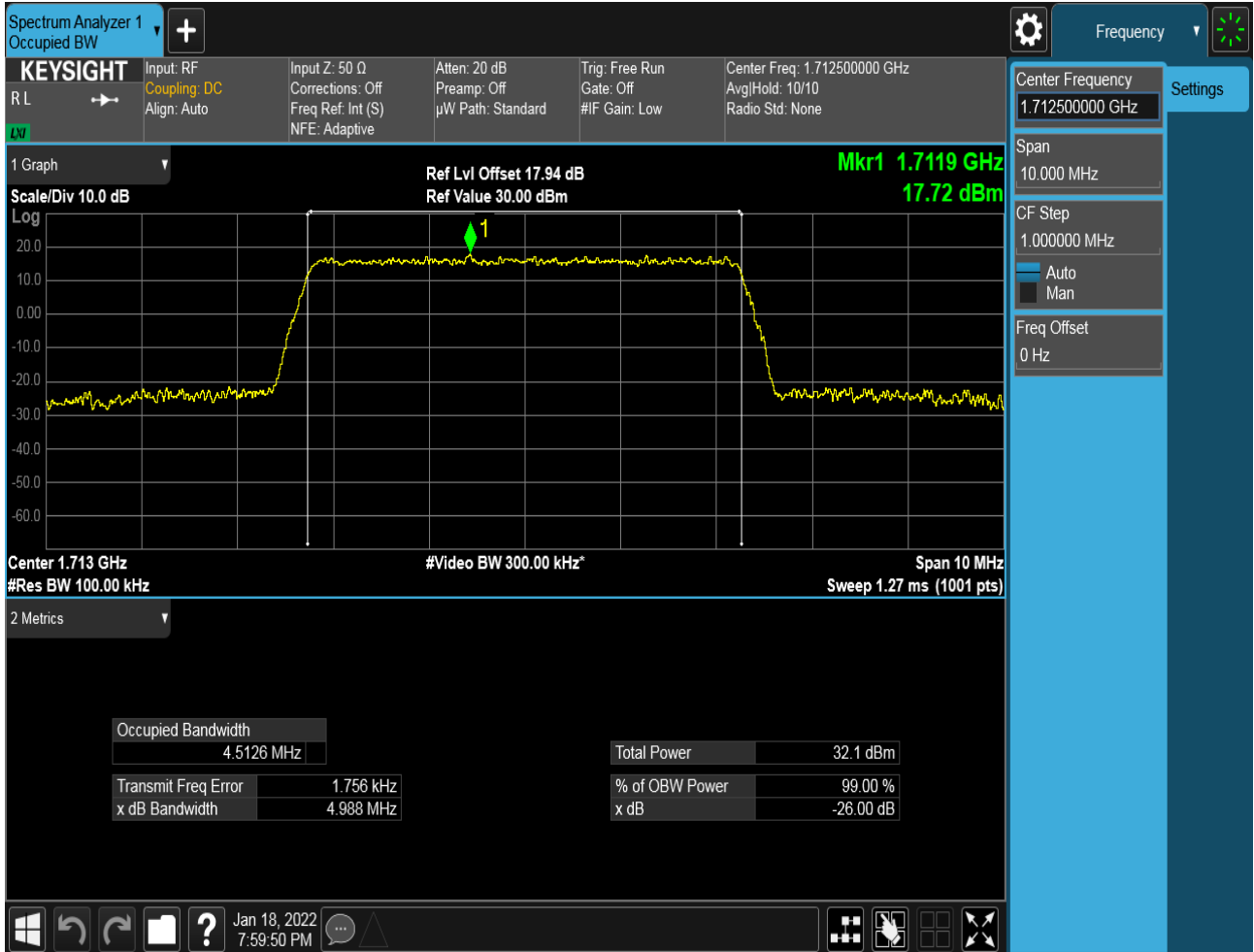




### 4.1.1.1.3 Test Bandwidth = 5MHz

#### 4.1.1.1.3.1 Test Channel = LCH

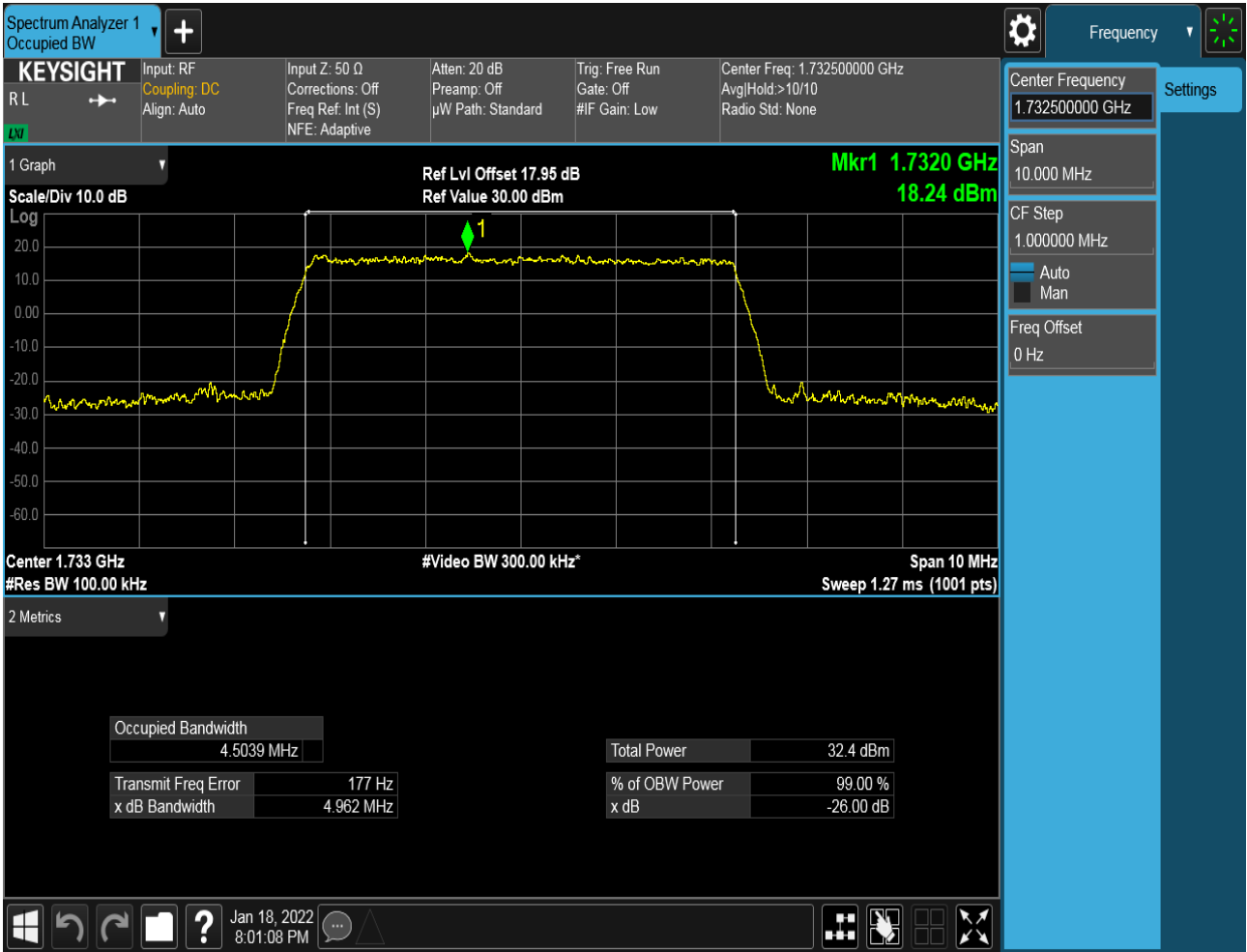
##### 4.1.1.1.3.1.1 Test RB = RB25#0





### 4.1.1.1.3.2 Test Channel = MCH

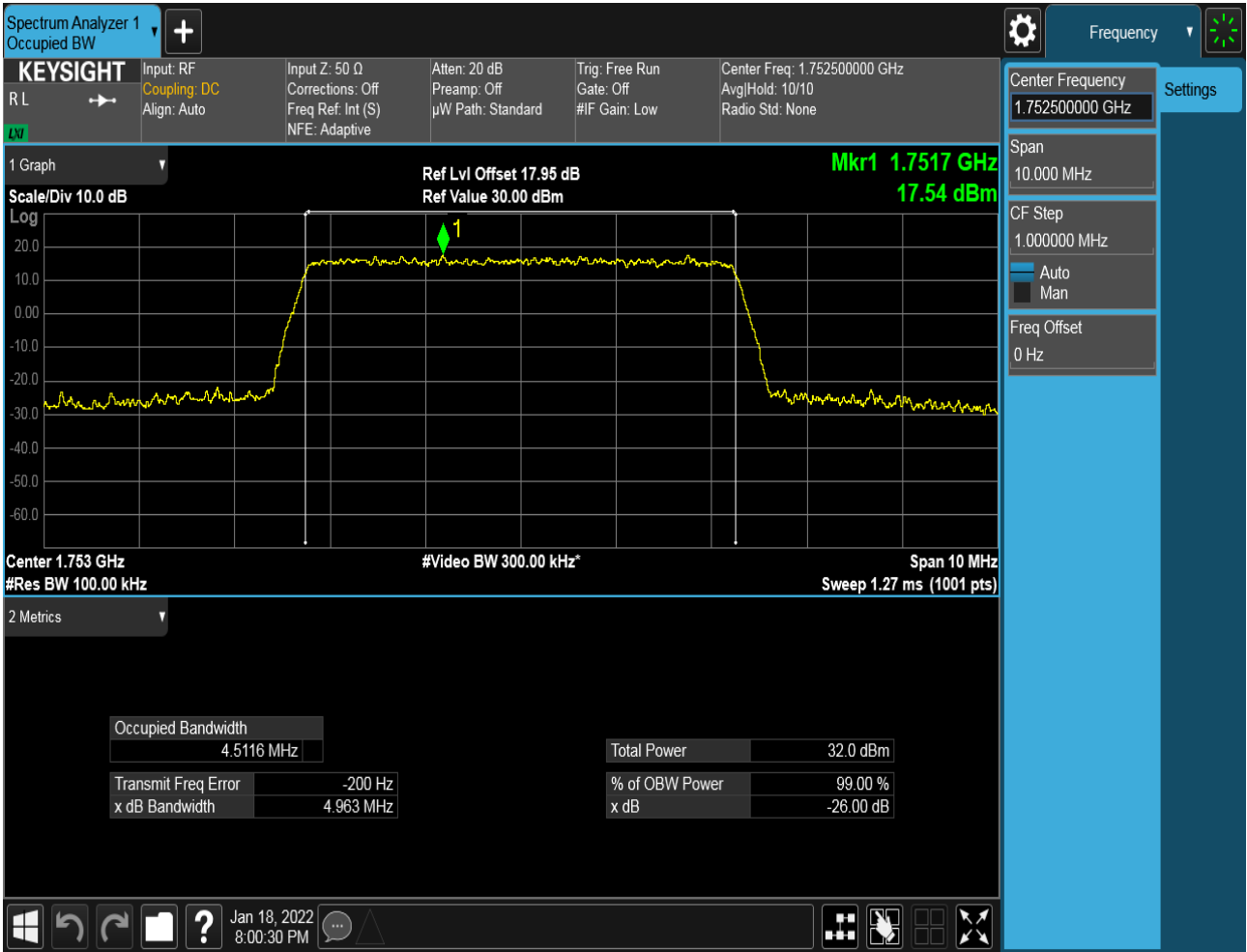
#### 4.1.1.1.3.2.1 Test RB = RB25#0





### 4.1.1.1.3.3 Test Channel = HCH

#### 4.1.1.1.3.3.1 Test RB = RB25#0

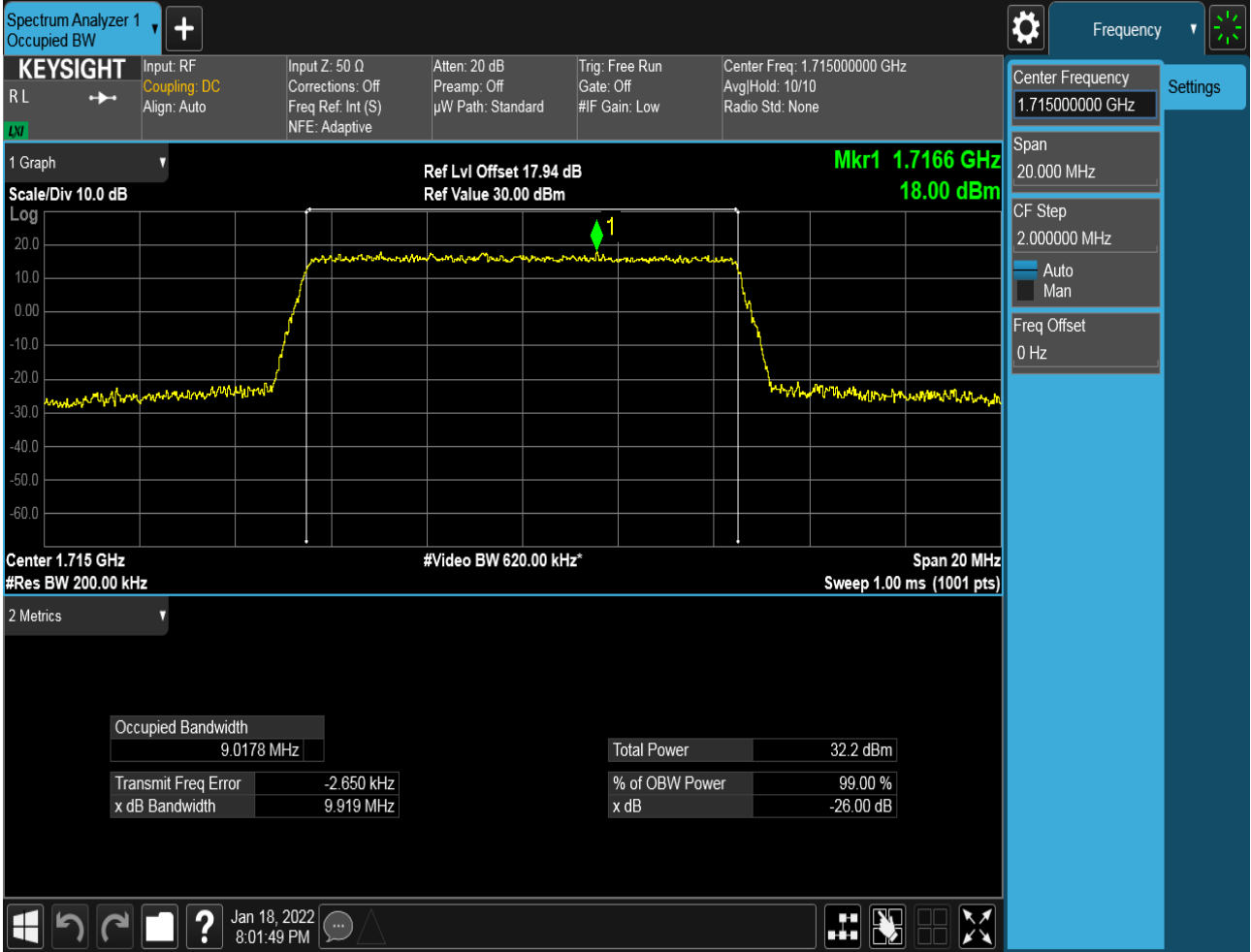




### 4.1.1.1.4 Test Bandwidth = 10MHz

#### 4.1.1.1.4.1 Test Channel = LCH

##### 4.1.1.1.4.1.1 Test RB = RB50#0

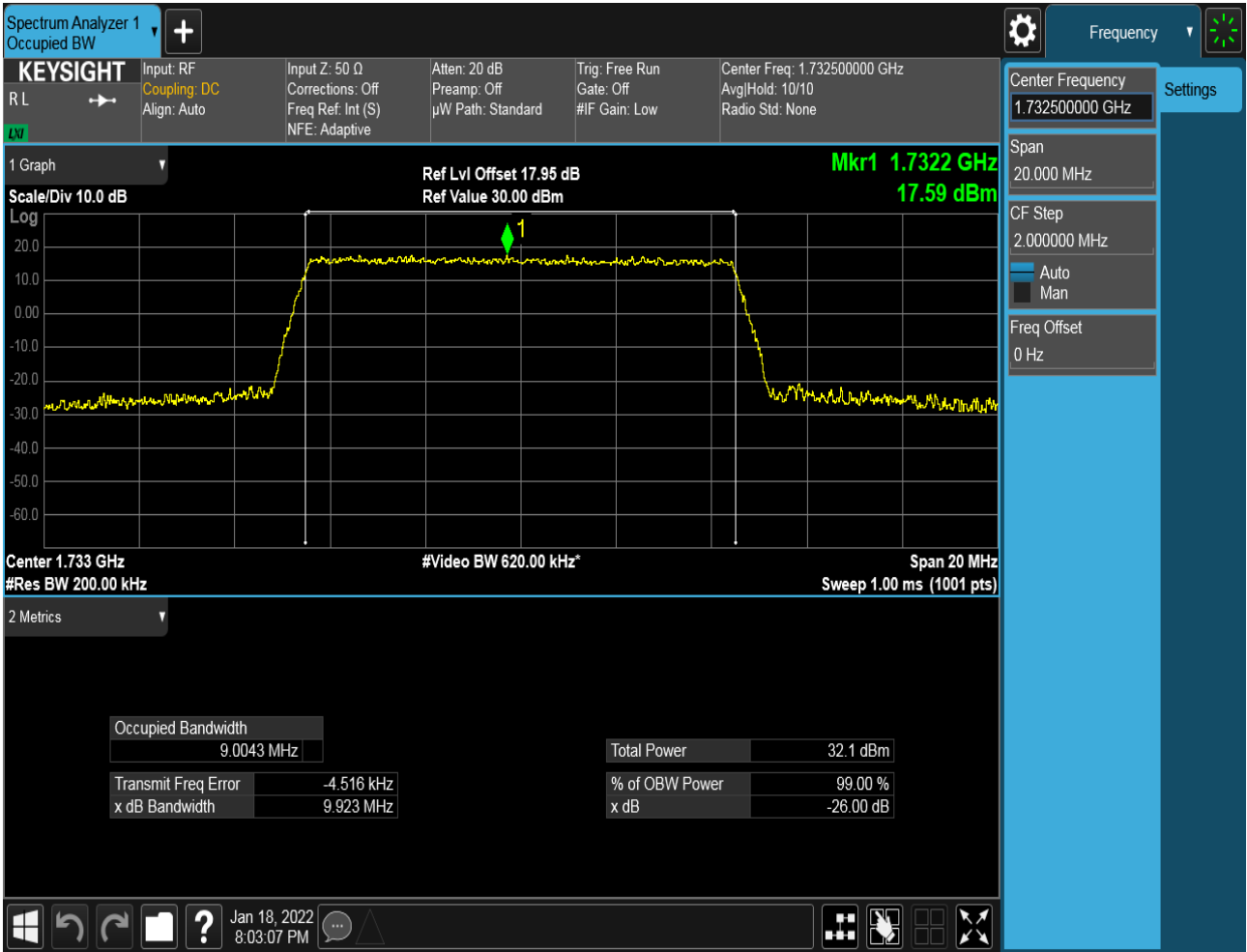






### 4.1.1.1.4.2 Test Channel = MCH

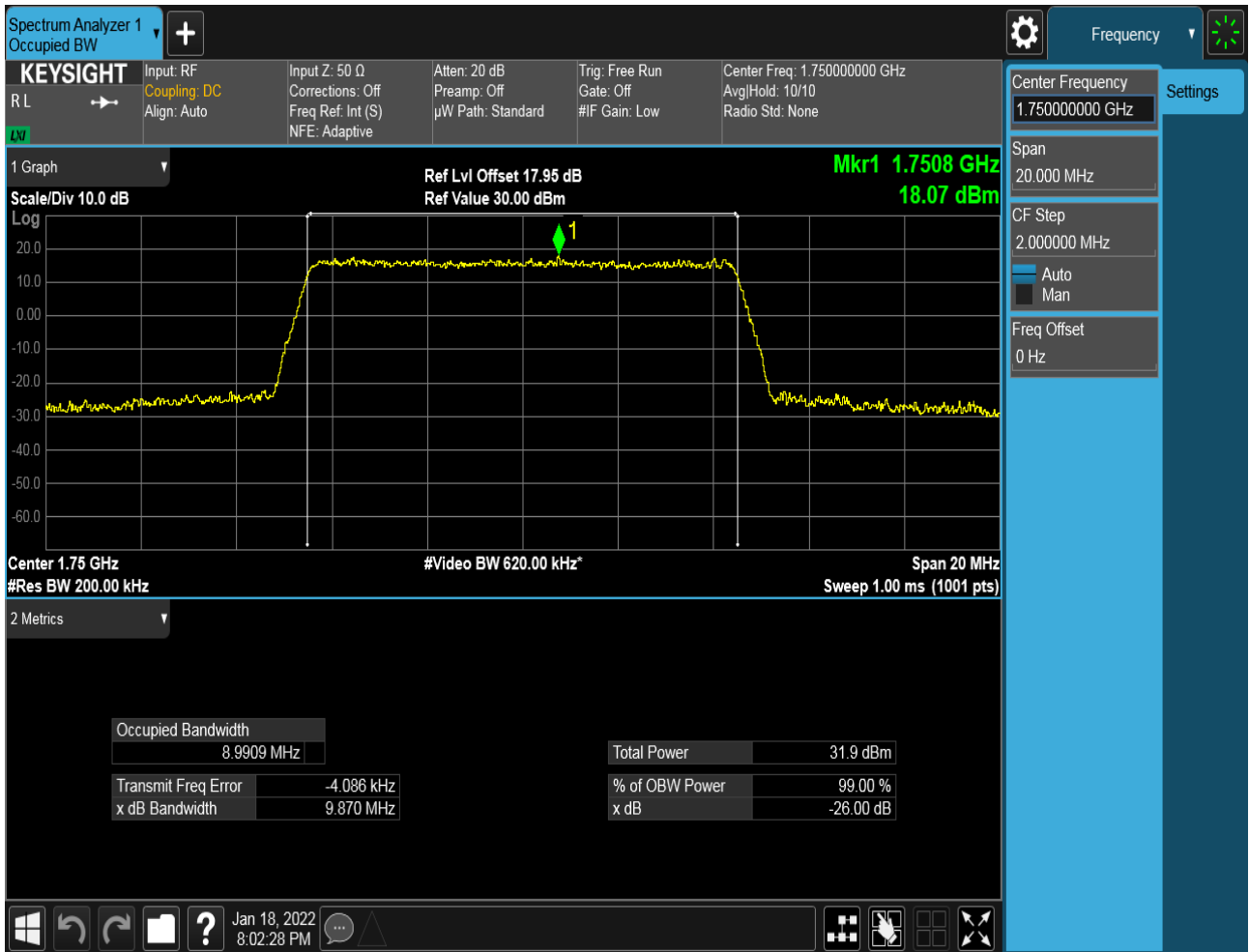
#### 4.1.1.1.4.2.1 Test RB = RB50#0





### 4.1.1.1.4.3 Test Channel = HCH

#### 4.1.1.1.4.3.1 Test RB = RB50#0

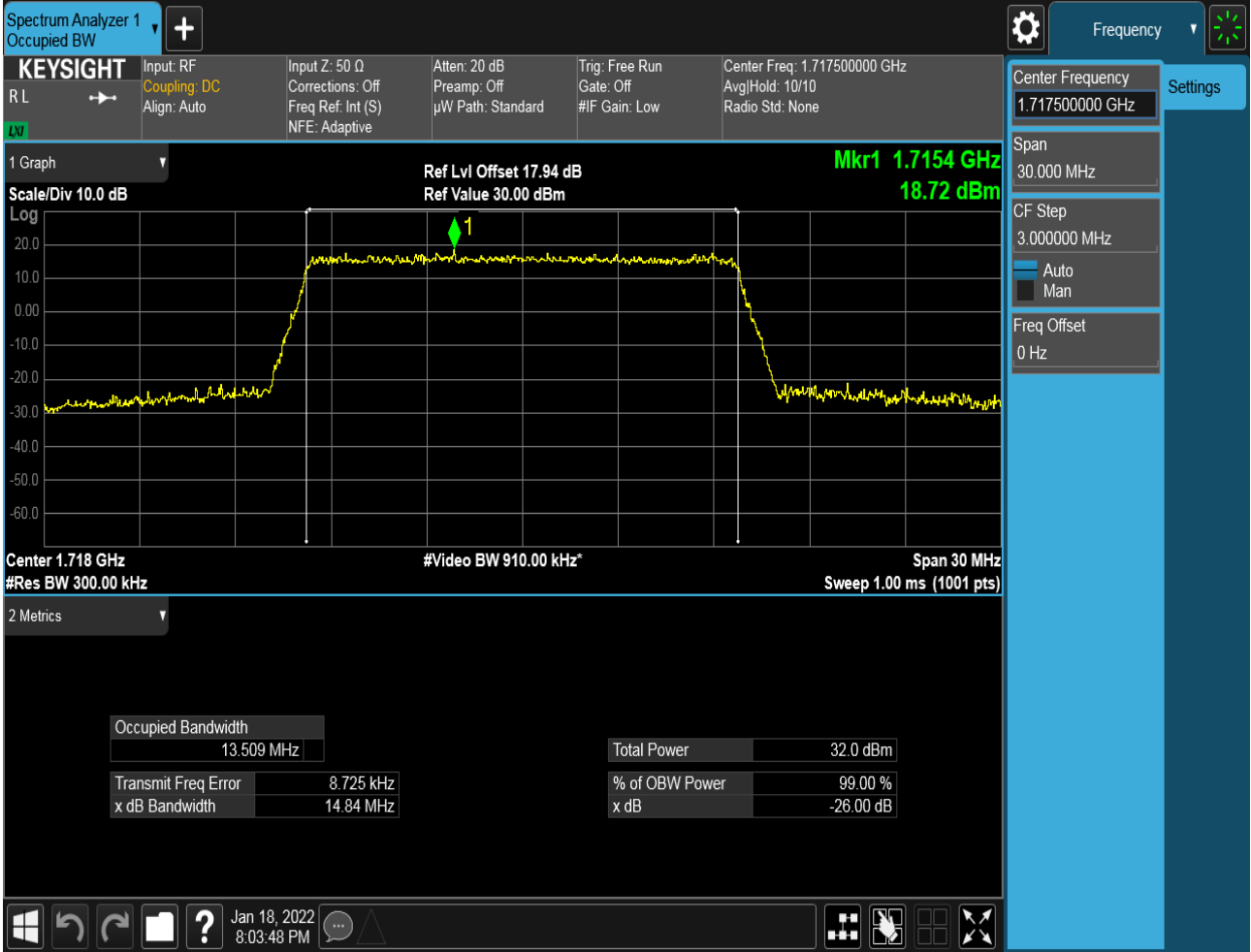




### 4.1.1.1.5 Test Bandwidth = 15MHz

#### 4.1.1.1.5.1 Test Channel = LCH

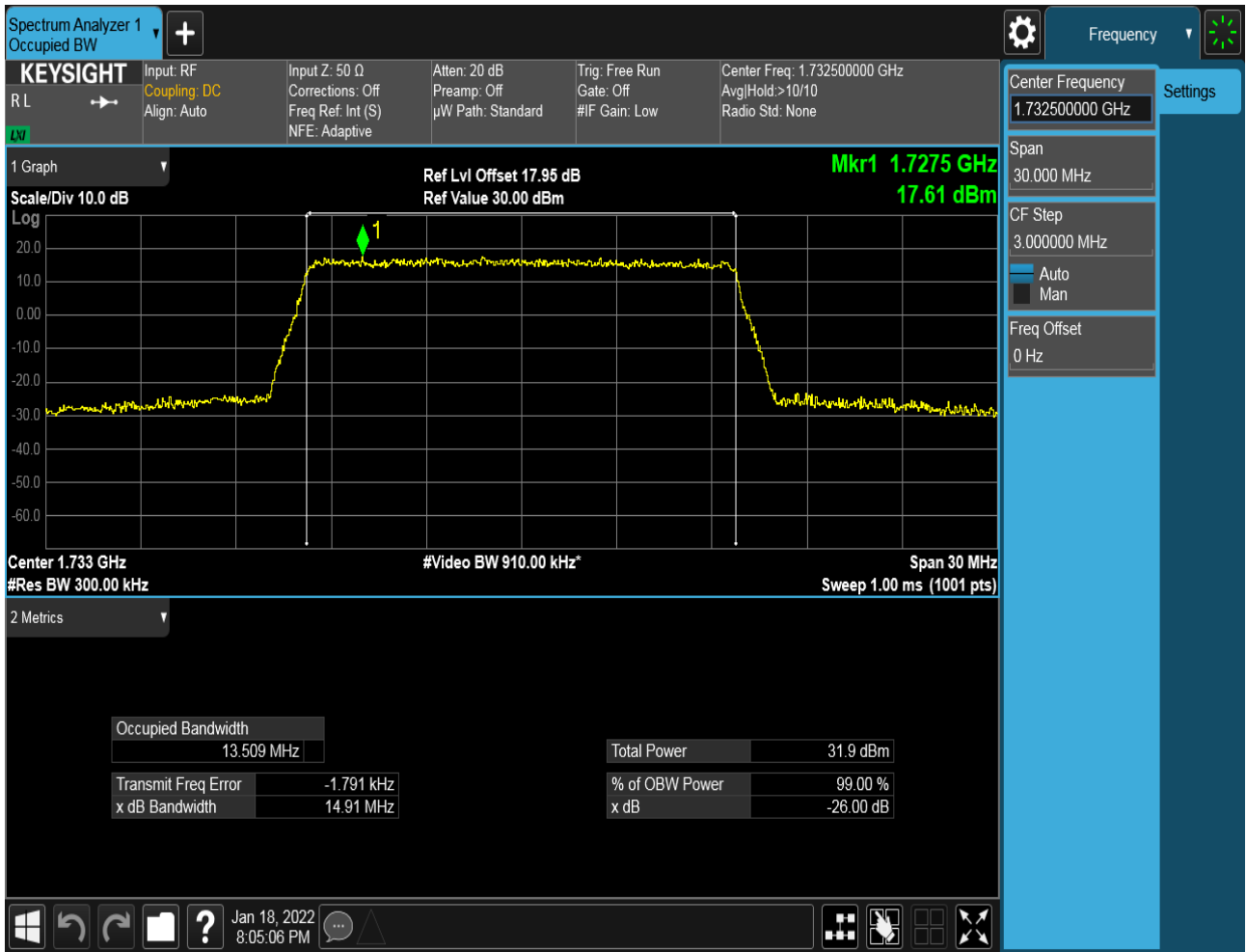
##### 4.1.1.1.5.1.1 Test RB = RB75#0





### 4.1.1.1.5.2 Test Channel = MCH

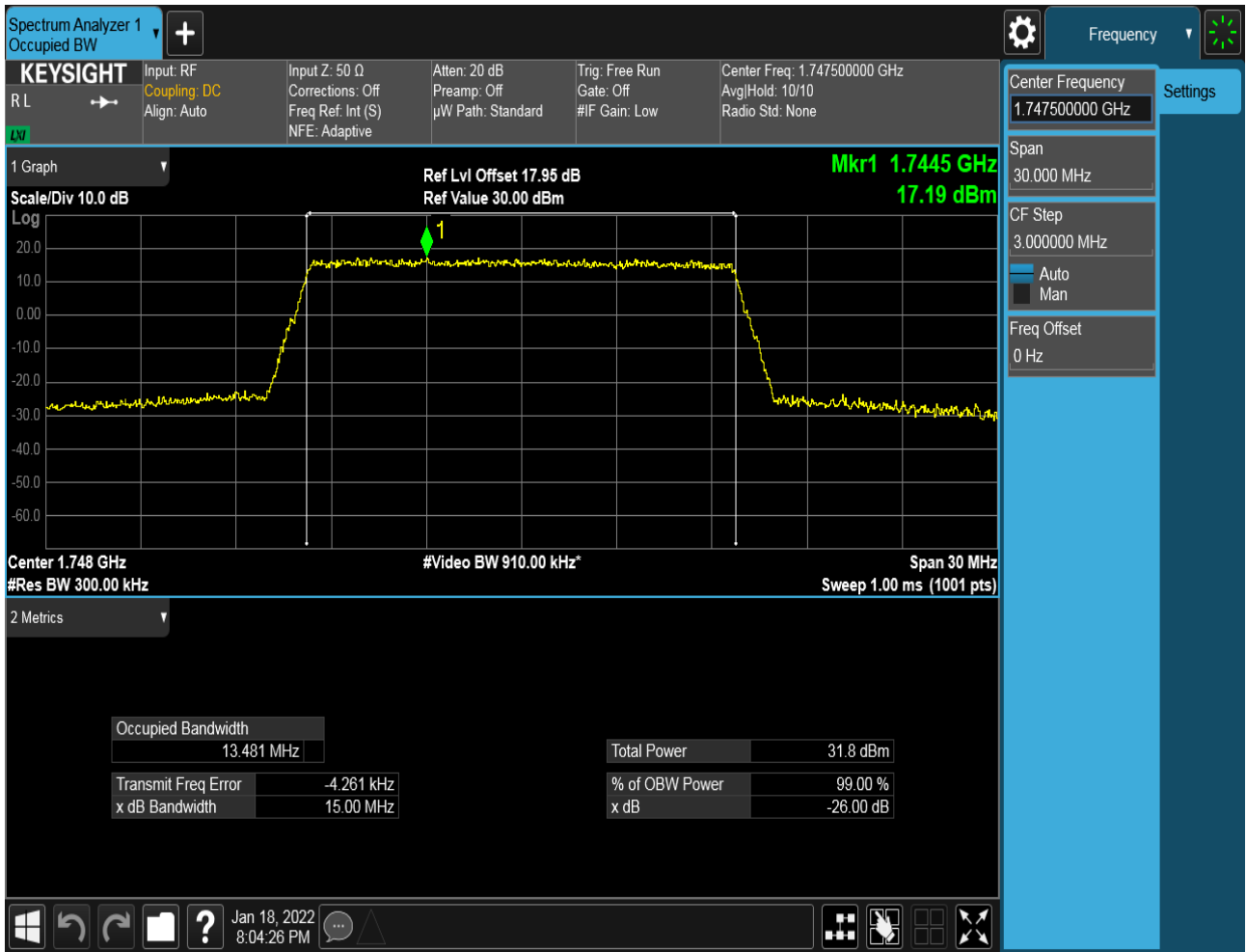
#### 4.1.1.1.5.2.1 Test RB = RB75#0





### 4.1.1.1.5.3 Test Channel = HCH

#### 4.1.1.1.5.3.1 Test RB = RB75#0

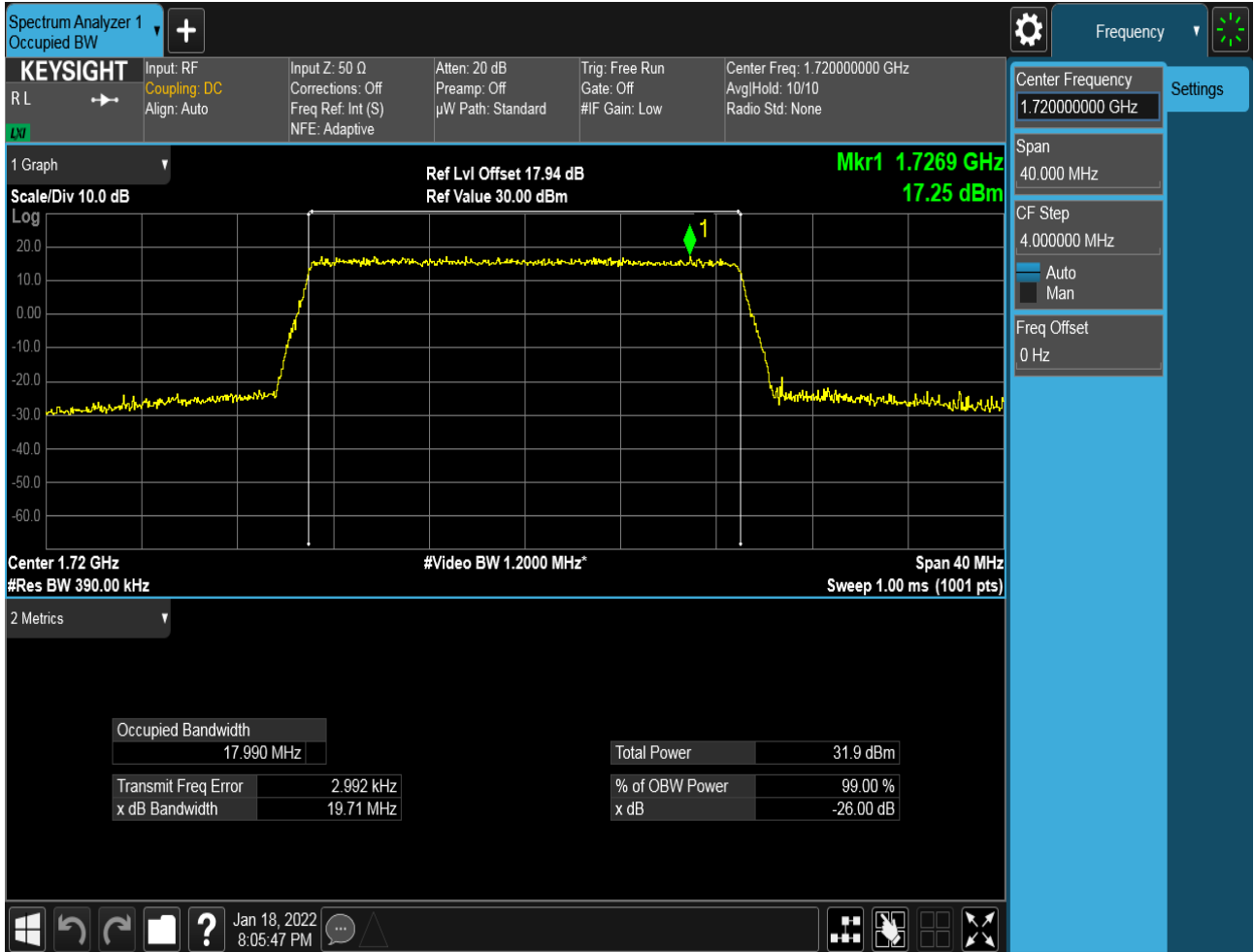




### 4.1.1.1.6 Test Bandwidth = 20MHz

#### 4.1.1.1.6.1 Test Channel = LCH

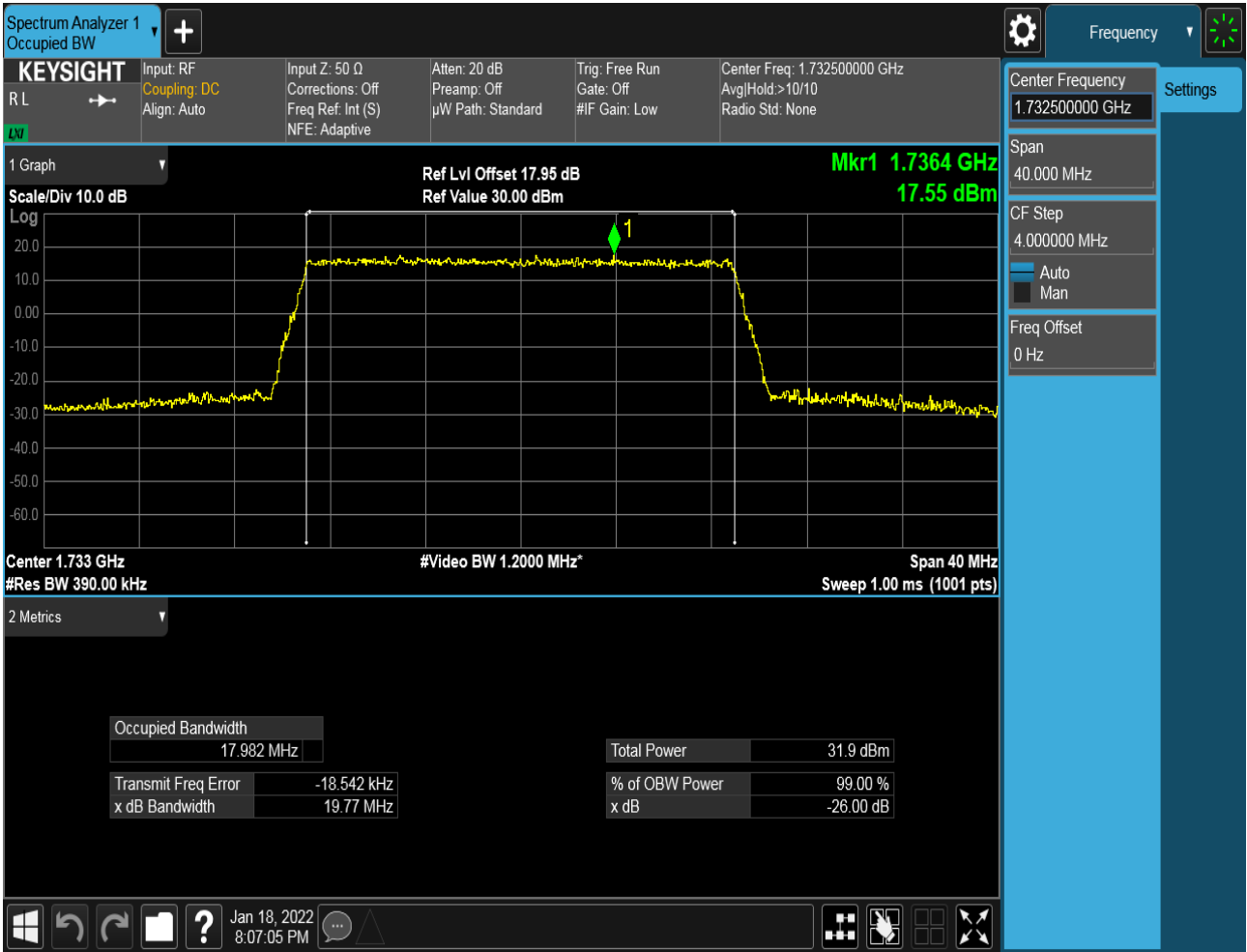
##### 4.1.1.1.6.1.1 Test RB = RB100#0





### 4.1.1.1.6.2 Test Channel = MCH

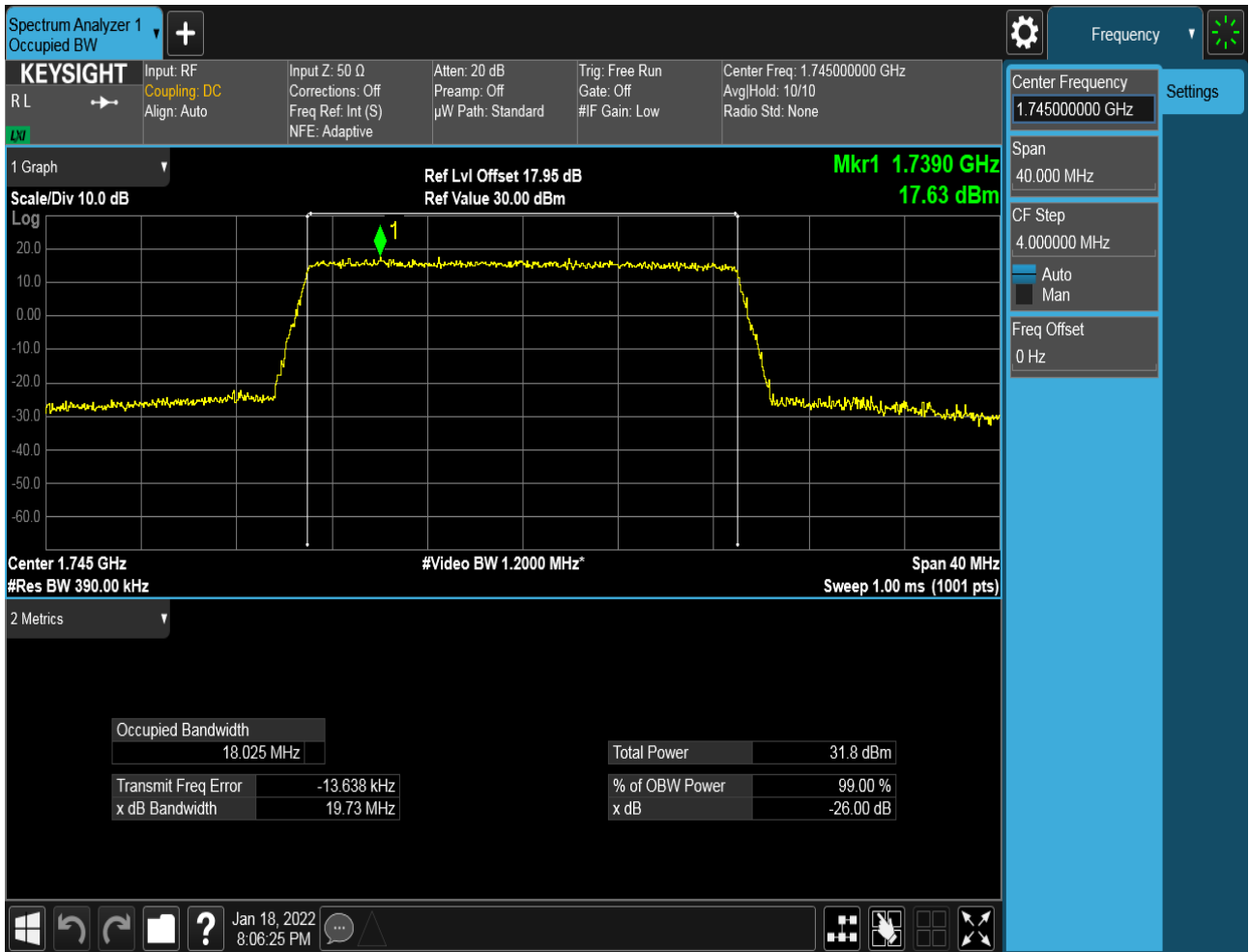
#### 4.1.1.1.6.2.1 Test RB = RB100#0





### 4.1.1.1.6.3 Test Channel = HCH

#### 4.1.1.1.6.3.1 Test RB = RB100#0





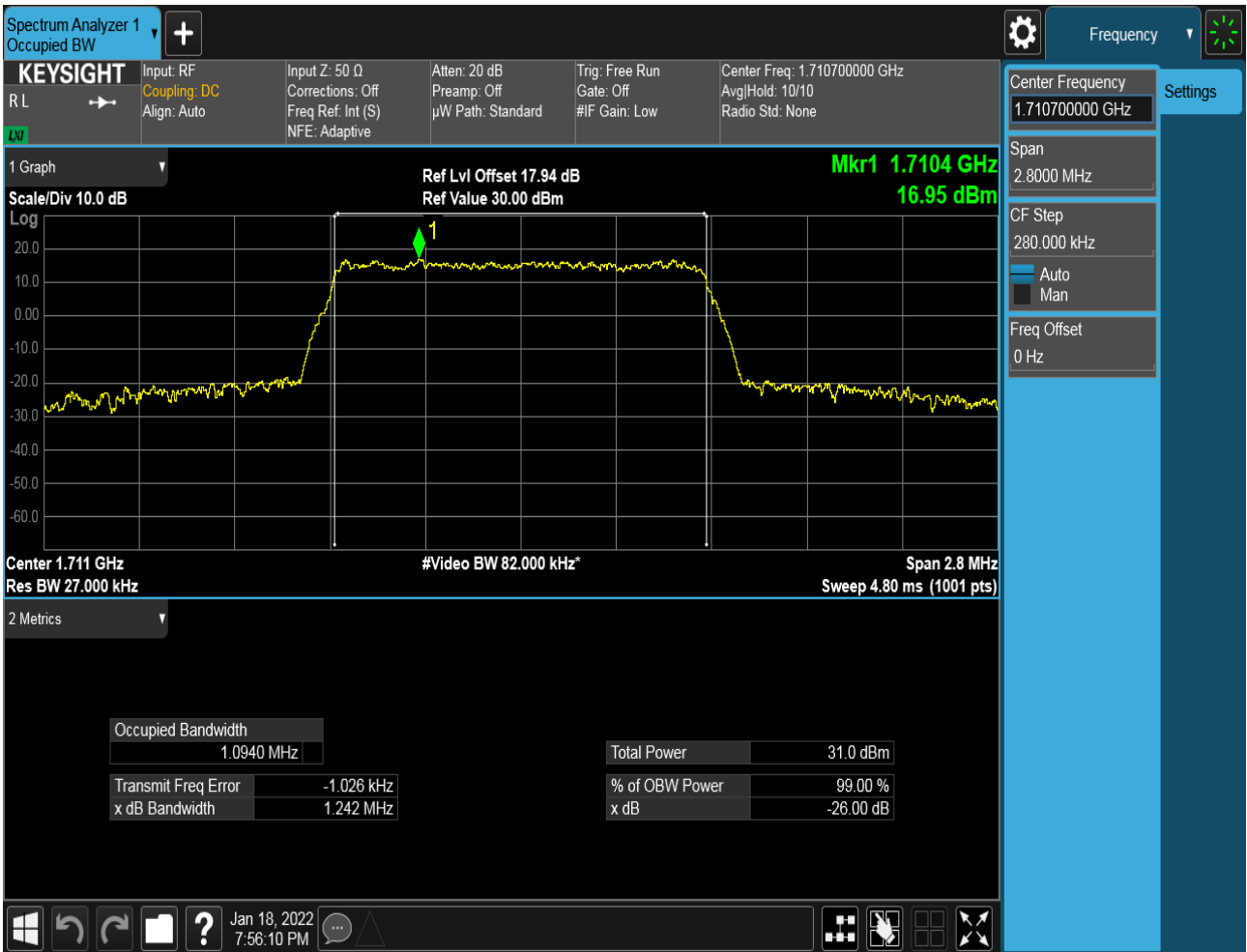


### 4.1.1.2 Test Mode = LTE/TM2

#### 4.1.1.2.1 Test Bandwidth = 1.4MHz

##### 4.1.1.2.1.1 Test Channel = LCH

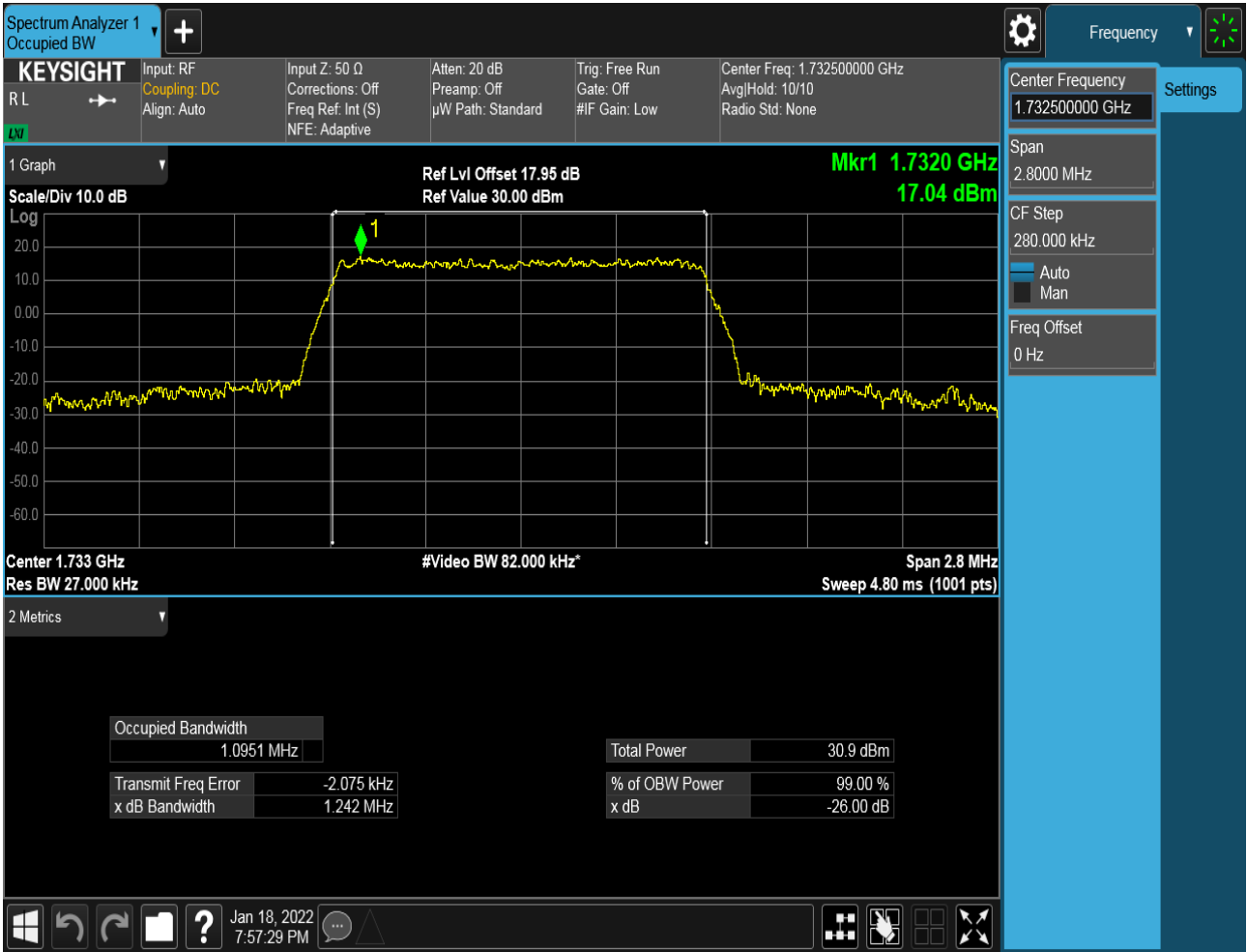
##### 4.1.1.2.1.1.1 Test RB = RB6#0





### 4.1.1.2.1.2 Test Channel = MCH

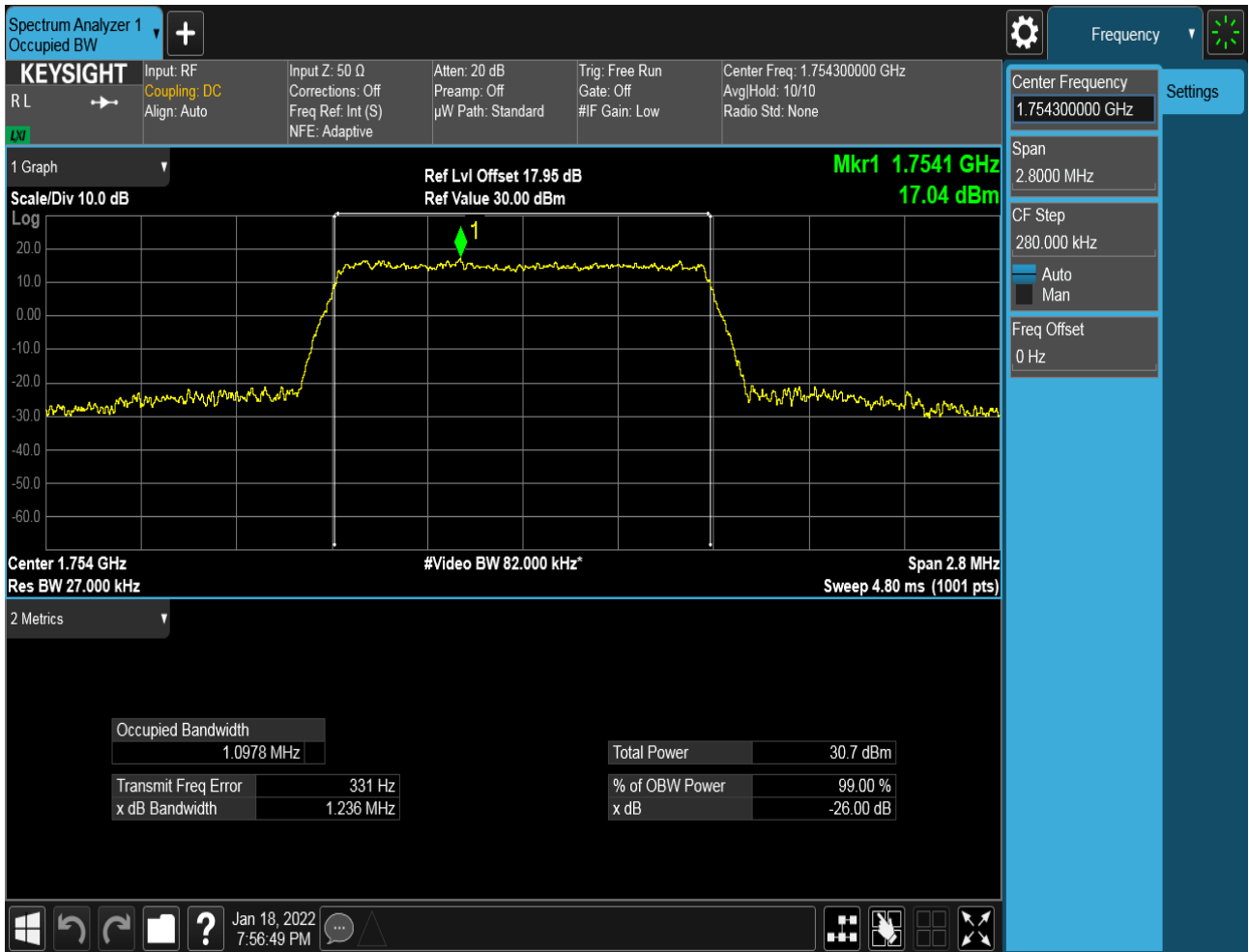
#### 4.1.1.2.1.2.1 Test RB = RB6#0





### 4.1.1.2.1.3 Test Channel = HCH

#### 4.1.1.2.1.3.1 Test RB = RB6#0

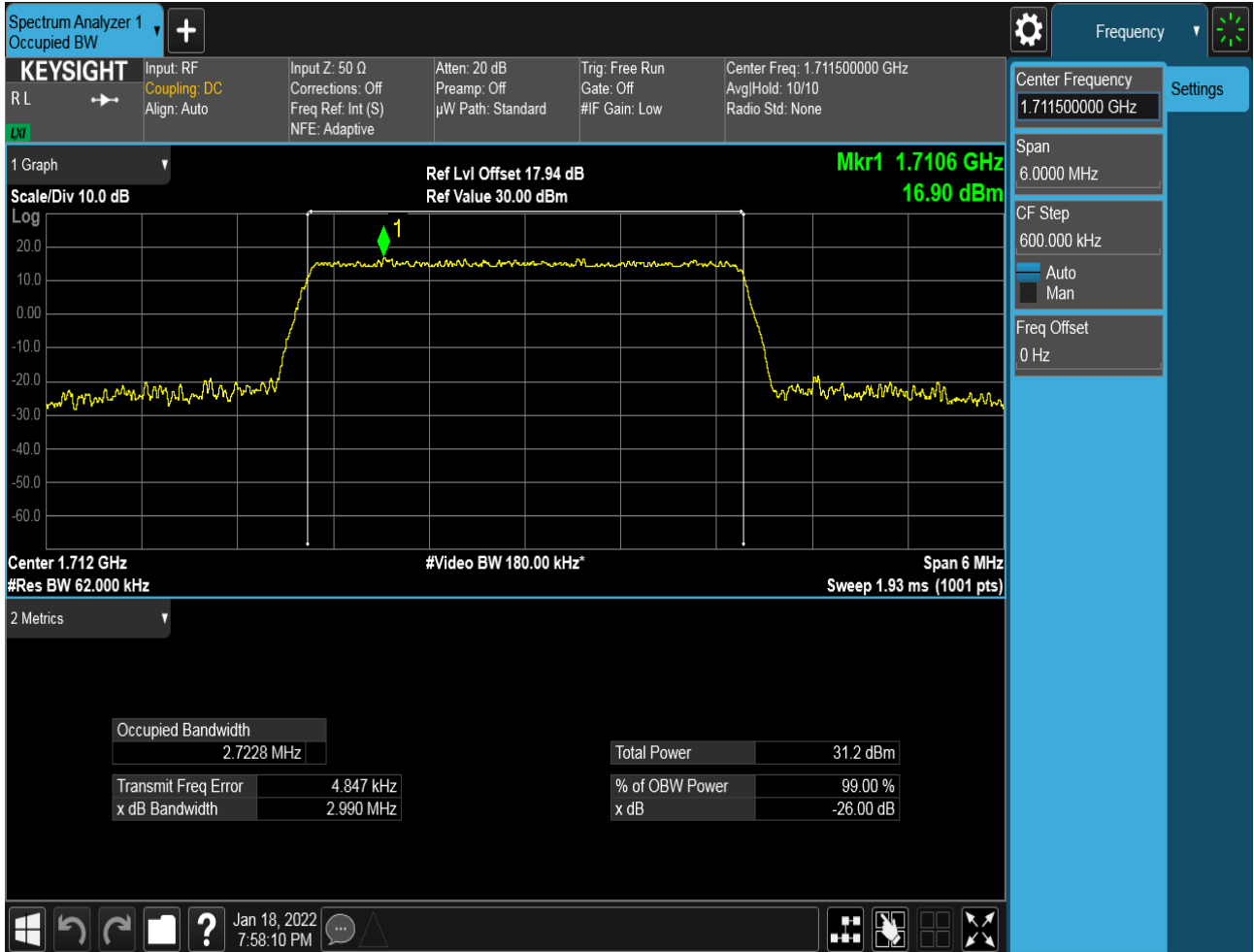




### 4.1.1.2.2 Test Bandwidth = 3MHz

#### 4.1.1.2.2.1 Test Channel = LCH

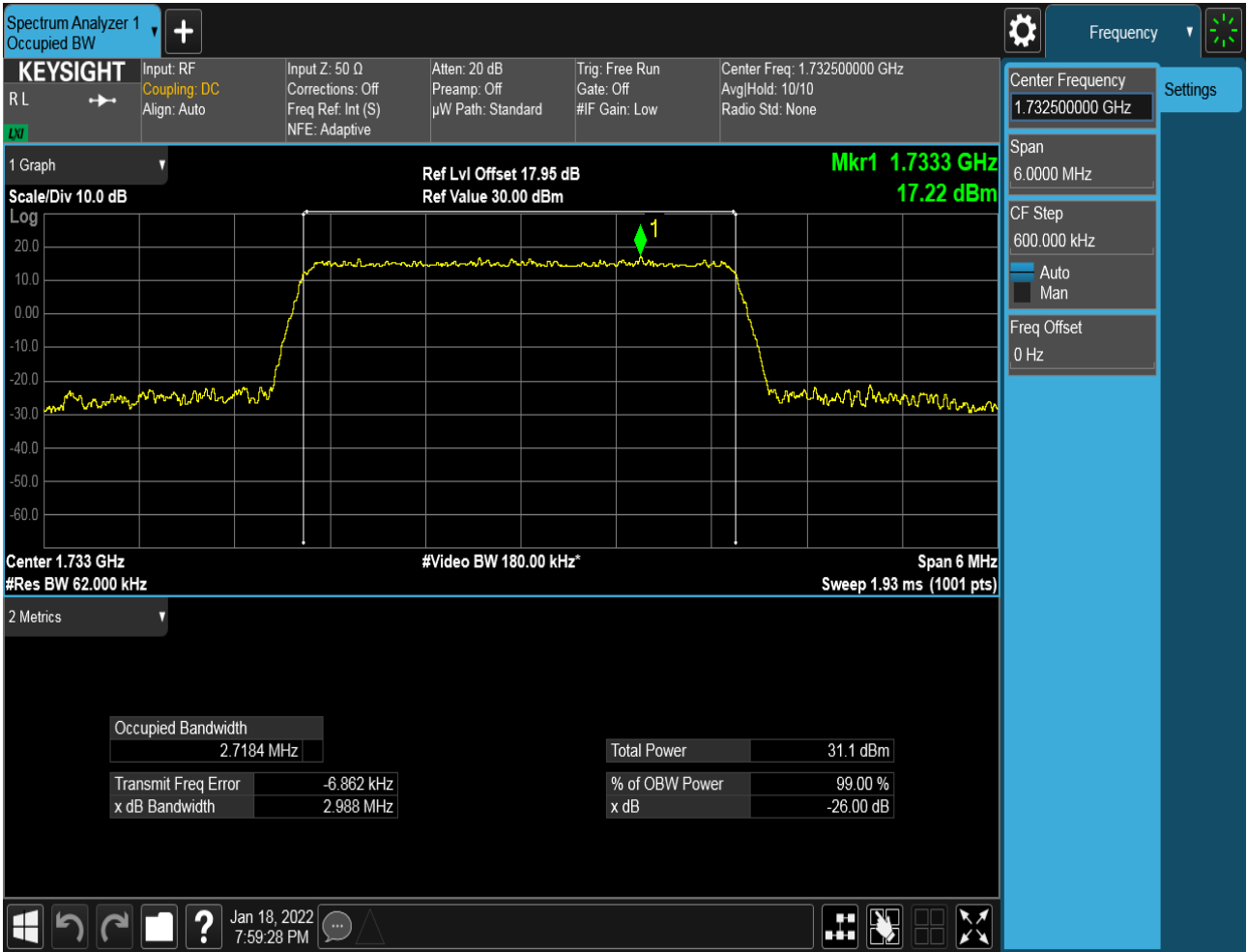
##### 4.1.1.2.2.1.1 Test RB = RB15#0





### 4.1.1.2.2.2 Test Channel = MCH

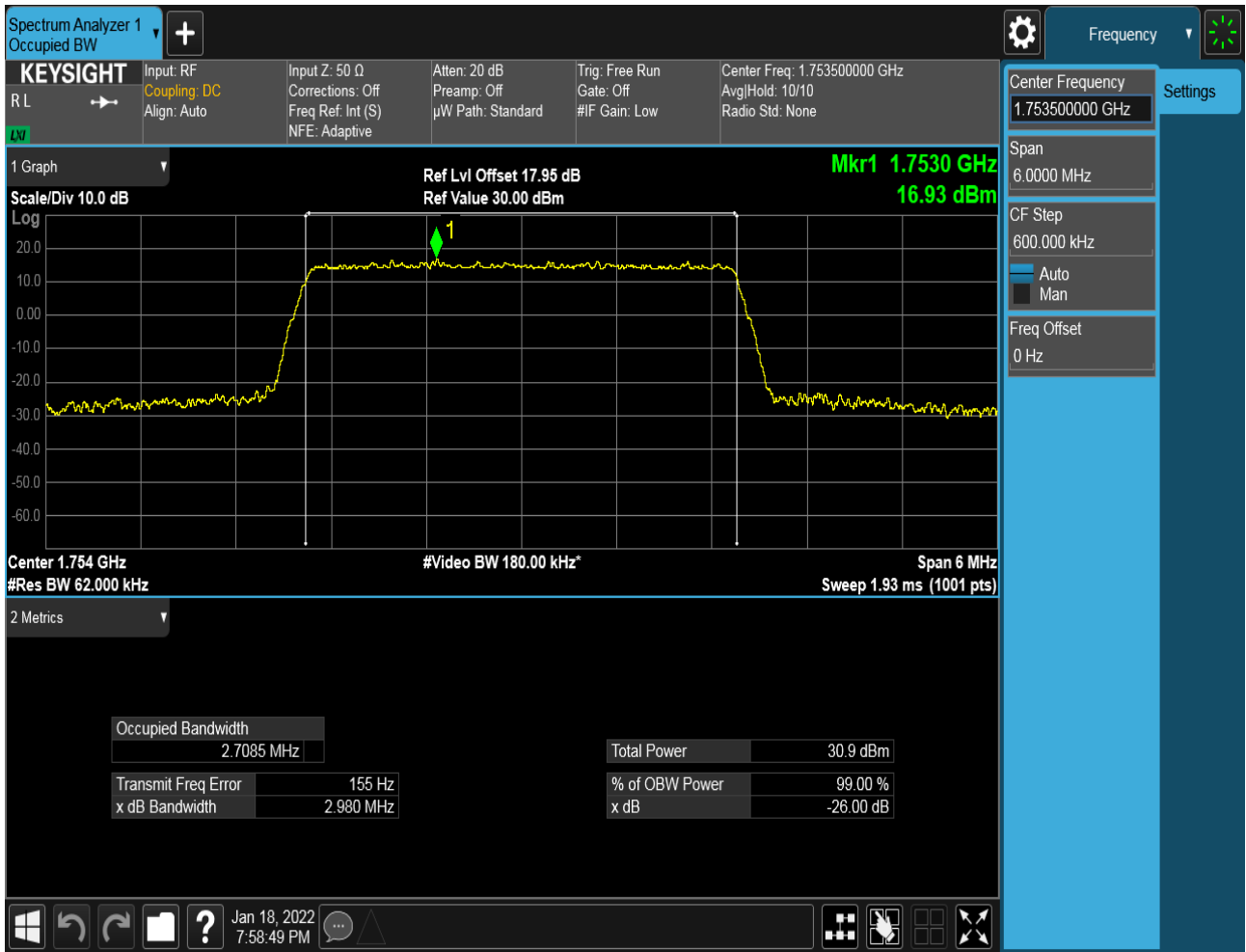
#### 4.1.1.2.2.2.1 Test RB = RB15#0





### 4.1.1.2.2.3 Test Channel = HCH

#### 4.1.1.2.2.3.1 Test RB = RB15#0

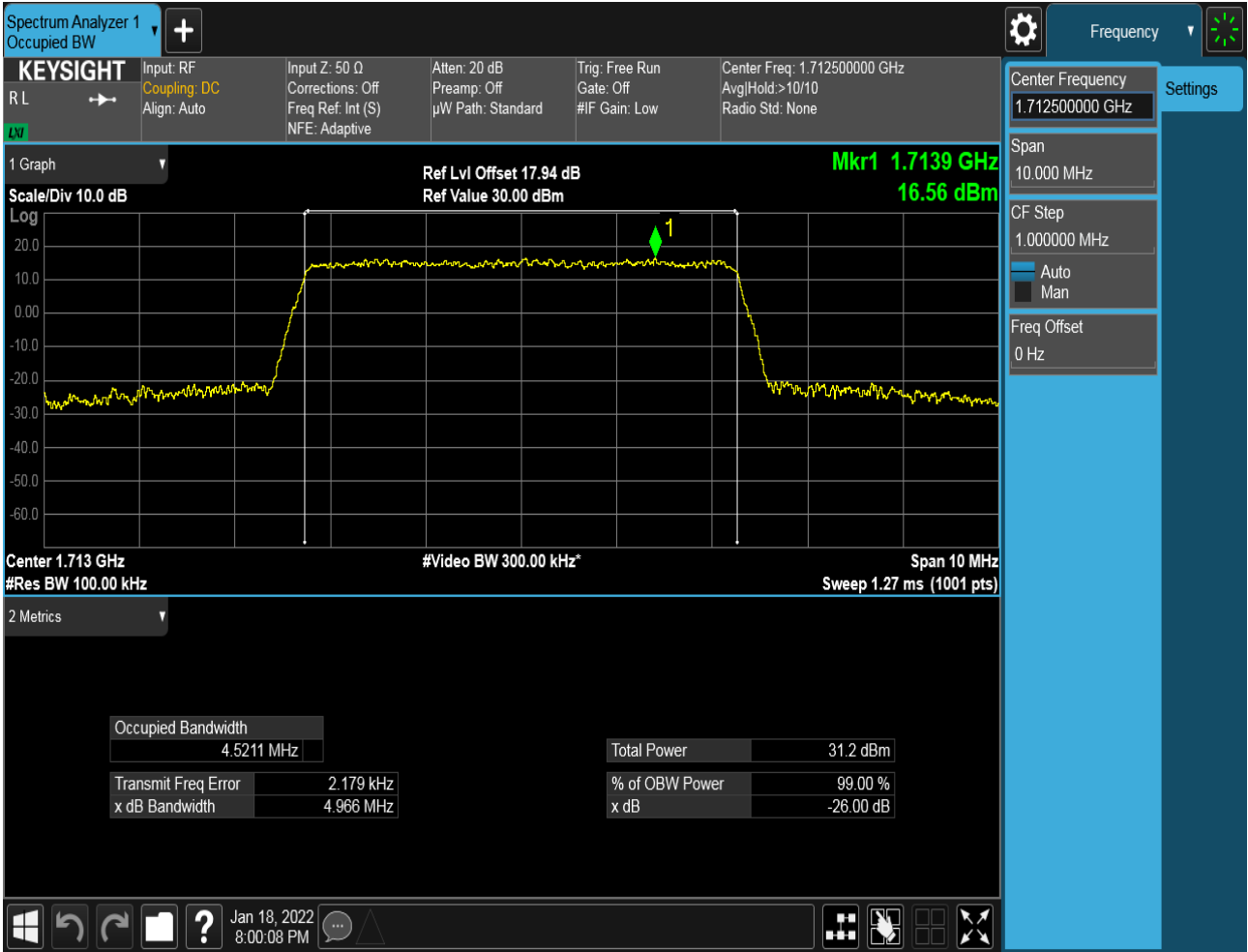




### 4.1.1.2.3 Test Bandwidth = 5MHz

#### 4.1.1.2.3.1 Test Channel = LCH

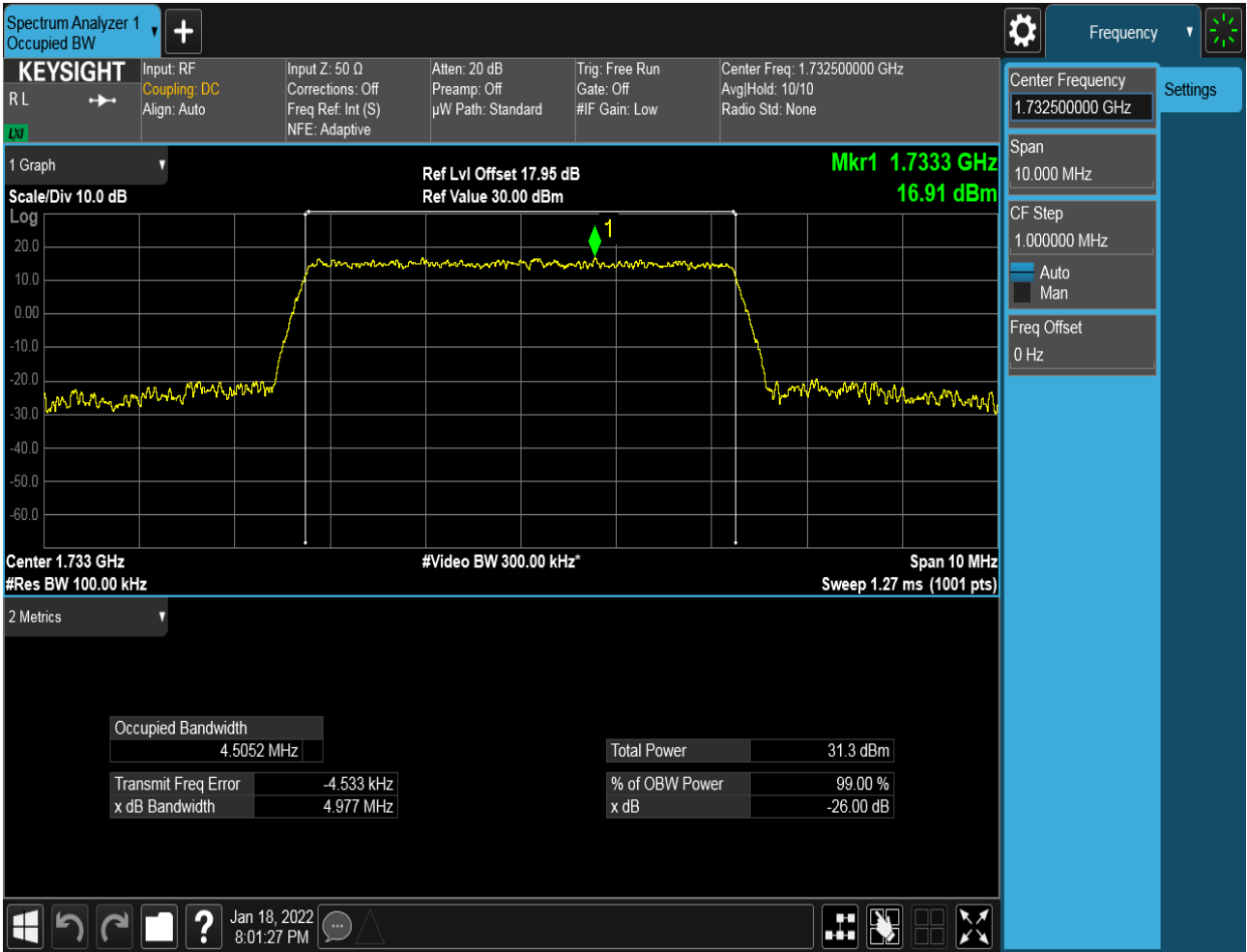
##### 4.1.1.2.3.1.1 Test RB = RB25#0





### 4.1.1.2.3.2 Test Channel = MCH

#### 4.1.1.2.3.2.1 Test RB = RB25#0

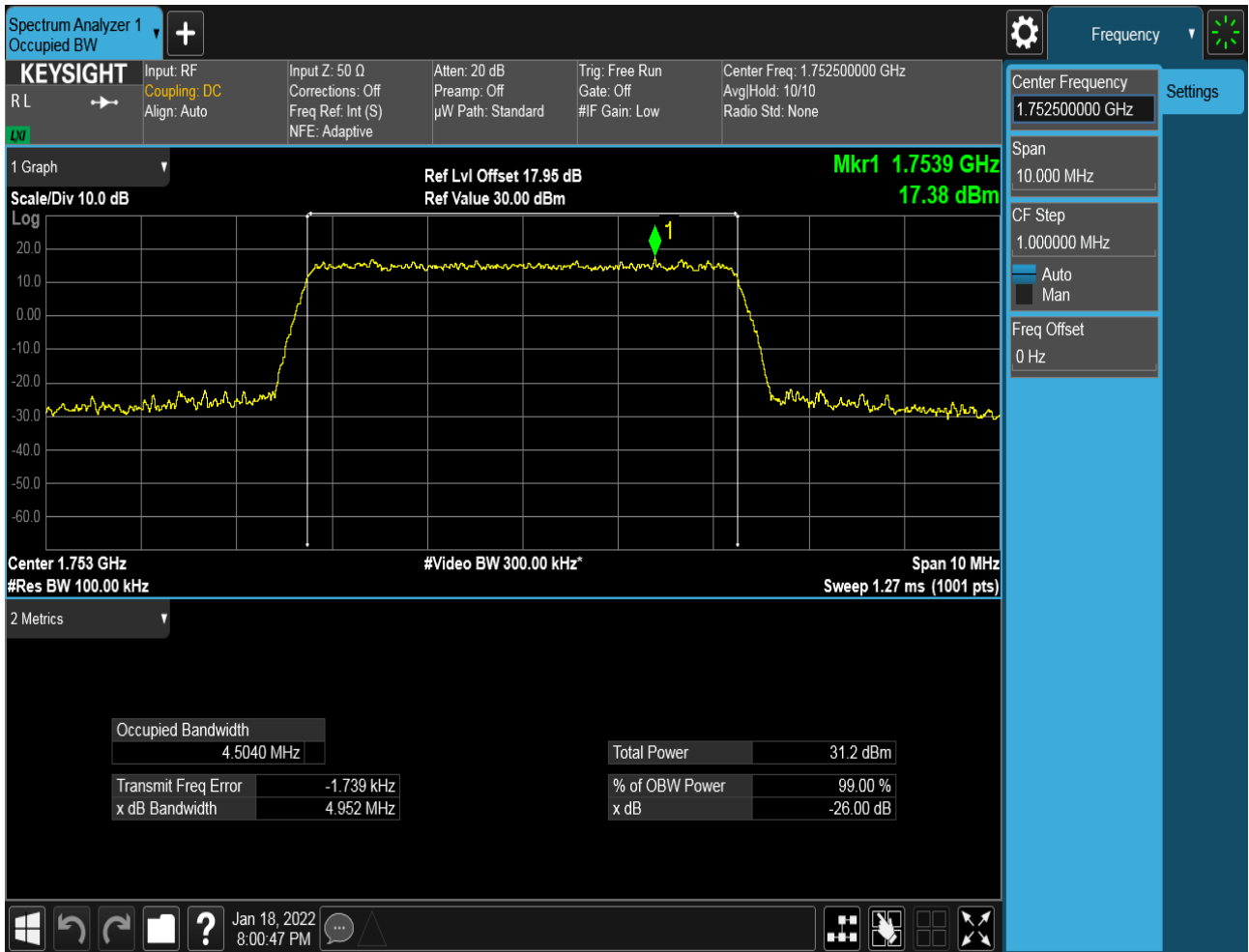






### 4.1.1.2.3.3 Test Channel = HCH

#### 4.1.1.2.3.3.1 Test RB = RB25#0

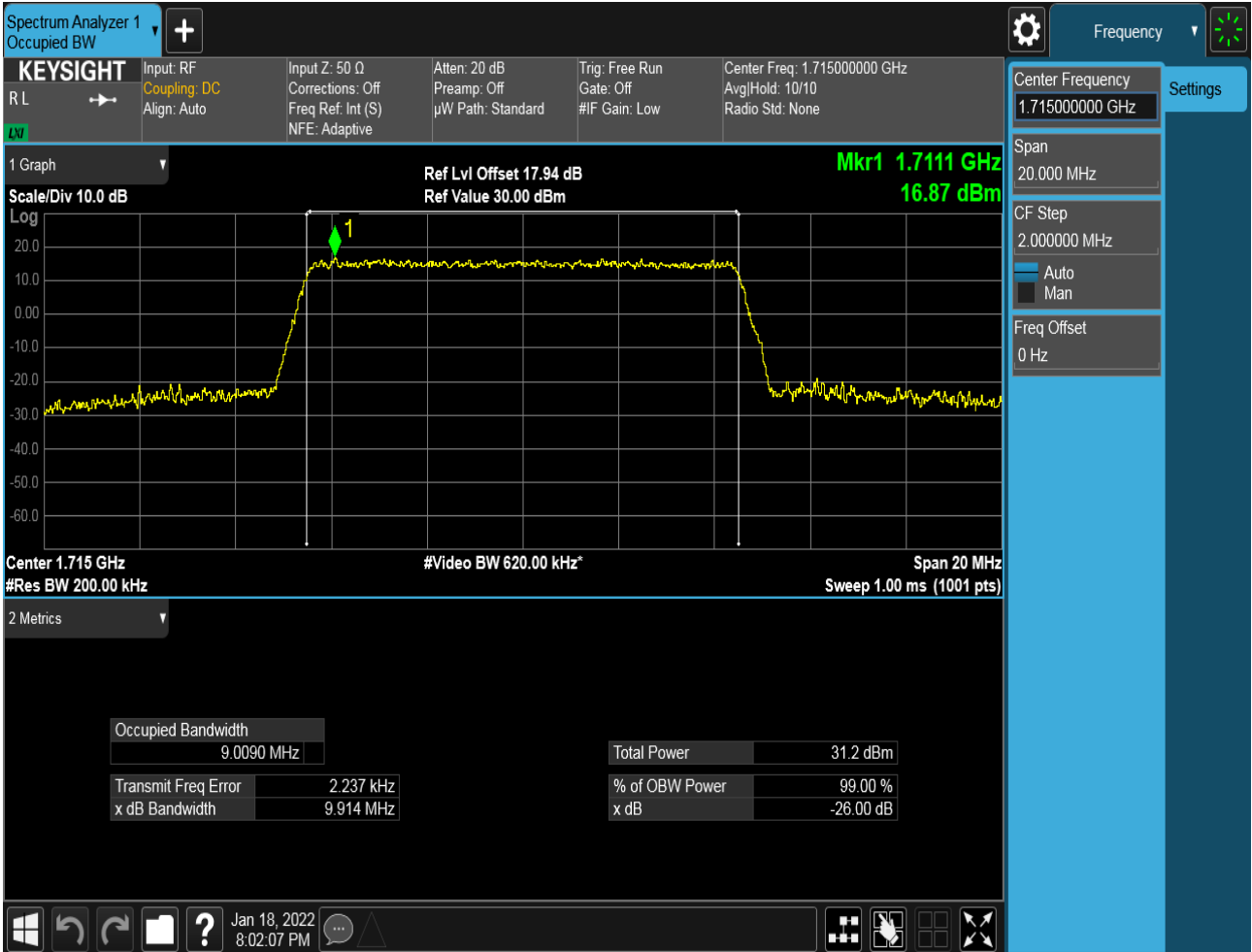




### 4.1.1.2.4 Test Bandwidth = 10MHz

#### 4.1.1.2.4.1 Test Channel = LCH

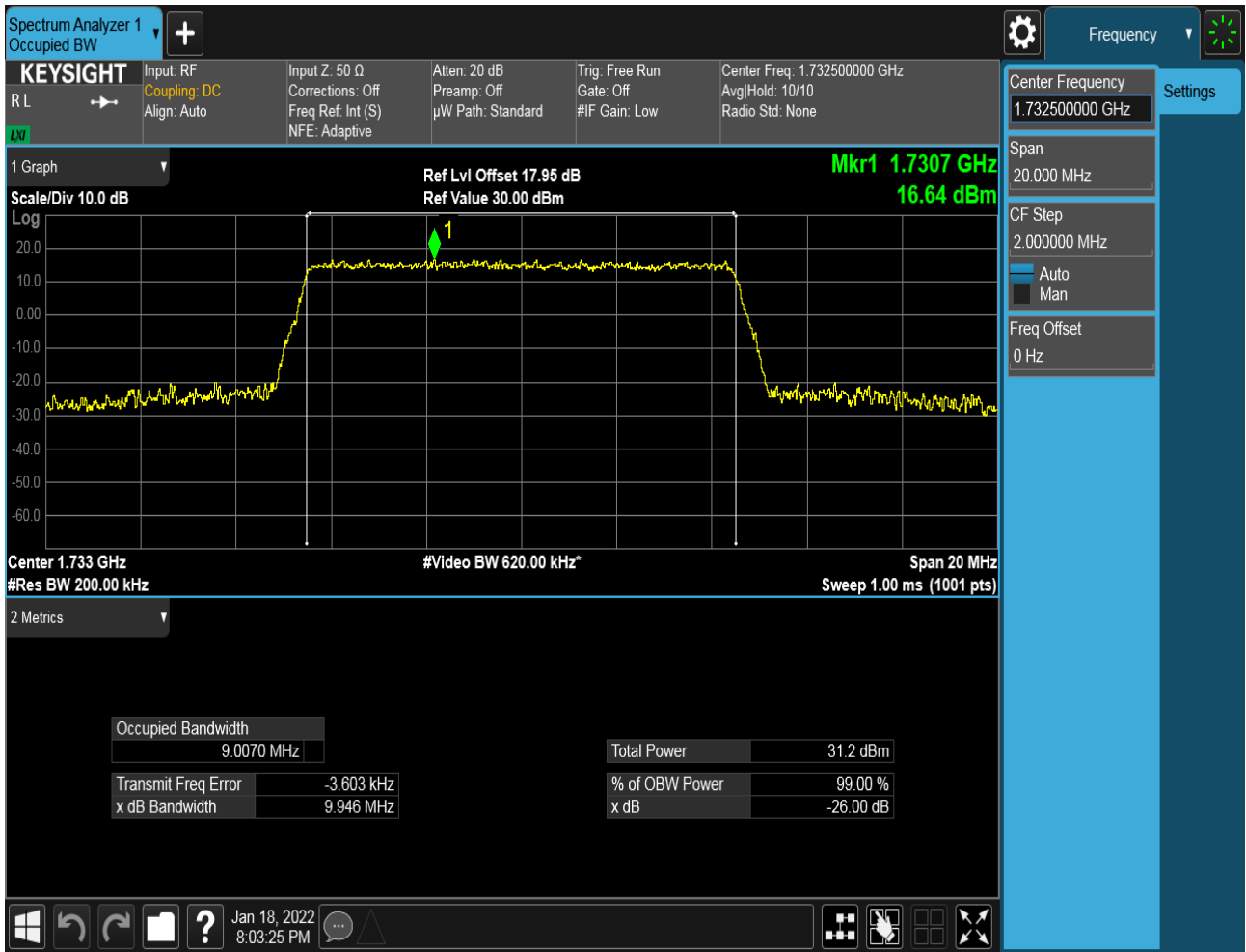
##### 4.1.1.2.4.1.1 Test RB = RB50#0





### 4.1.1.2.4.2 Test Channel = MCH

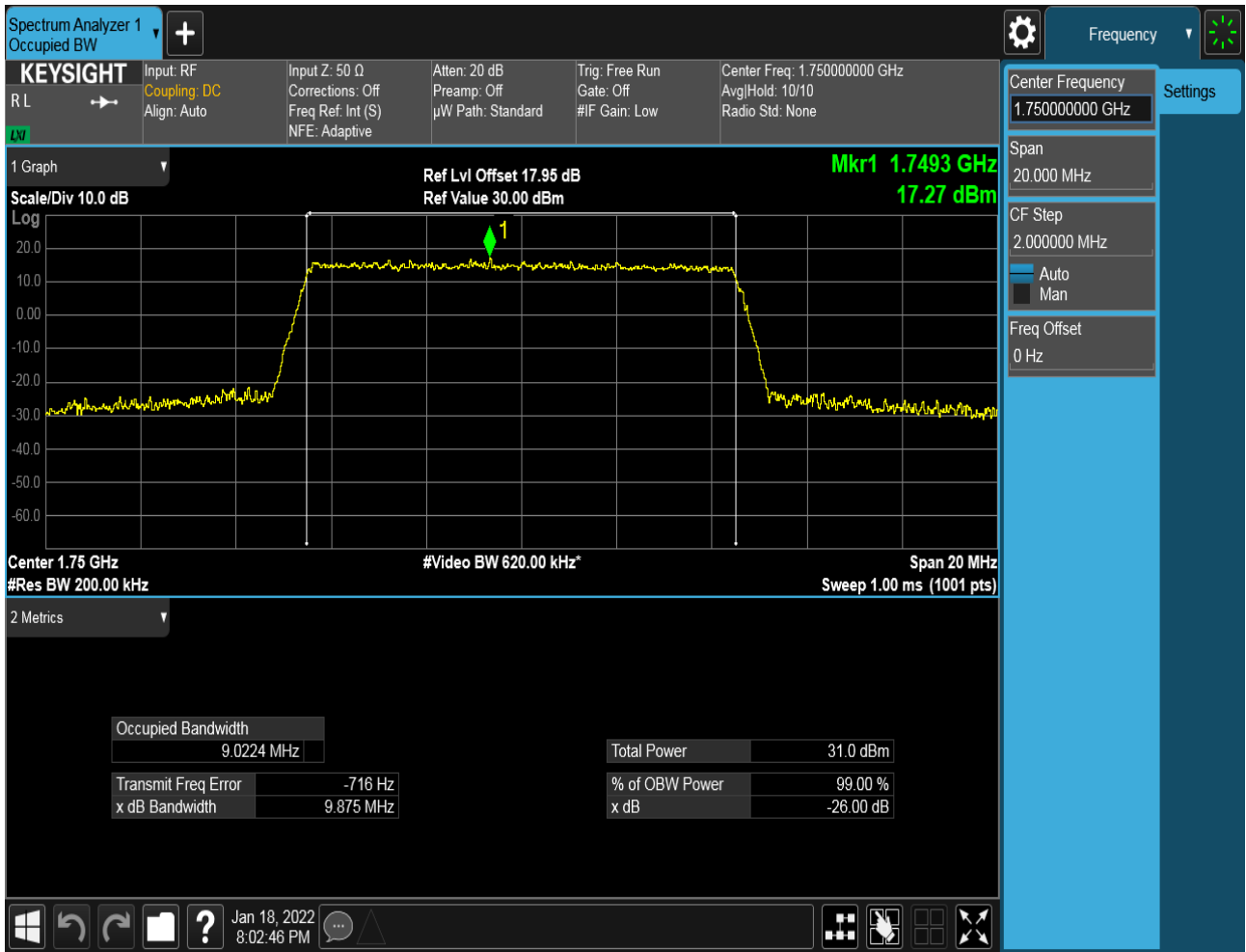
#### 4.1.1.2.4.2.1 Test RB = RB50#0





### 4.1.1.2.4.3 Test Channel = HCH

#### 4.1.1.2.4.3.1 Test RB = RB50#0

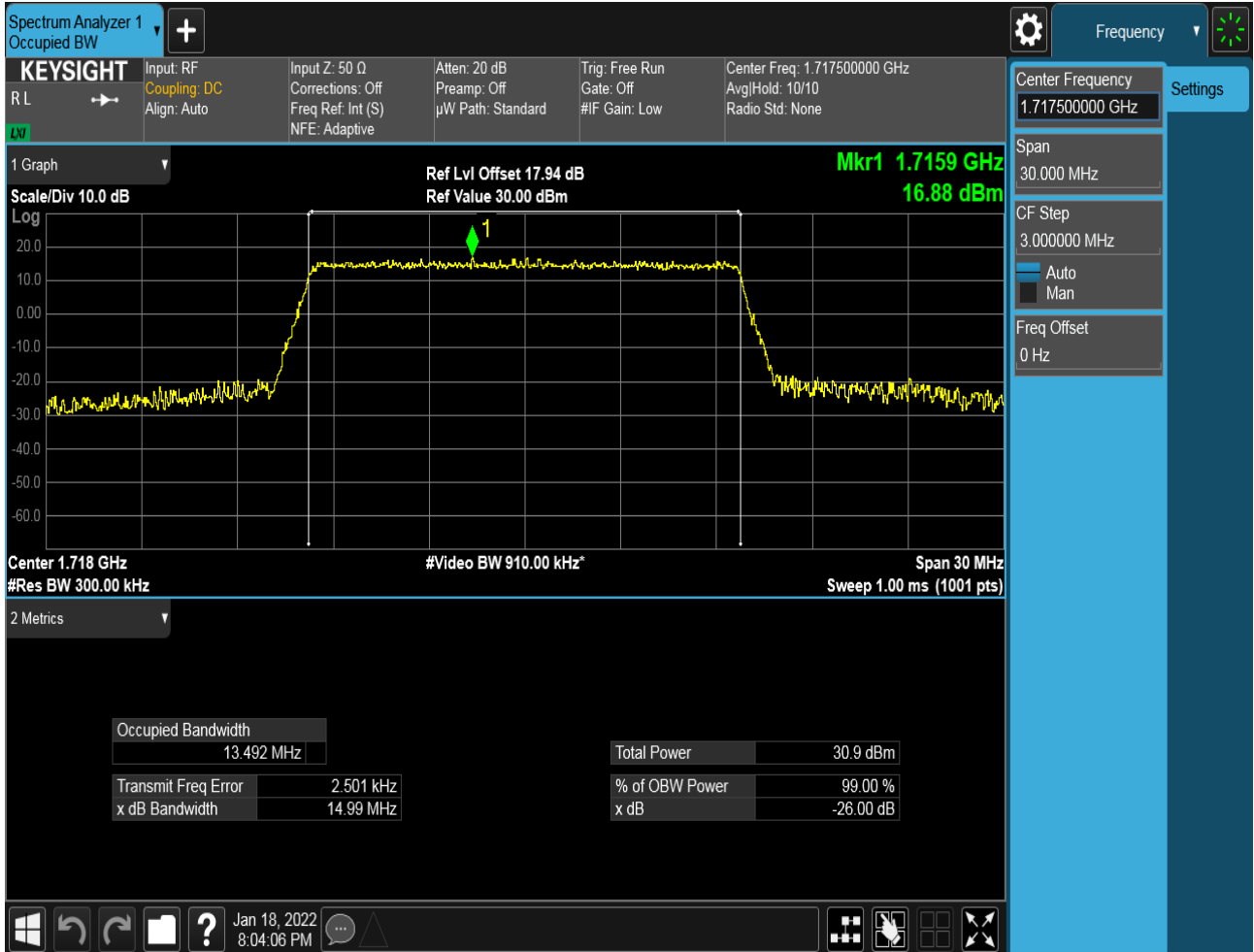




### 4.1.1.2.5 Test Bandwidth = 15MHz

#### 4.1.1.2.5.1 Test Channel = LCH

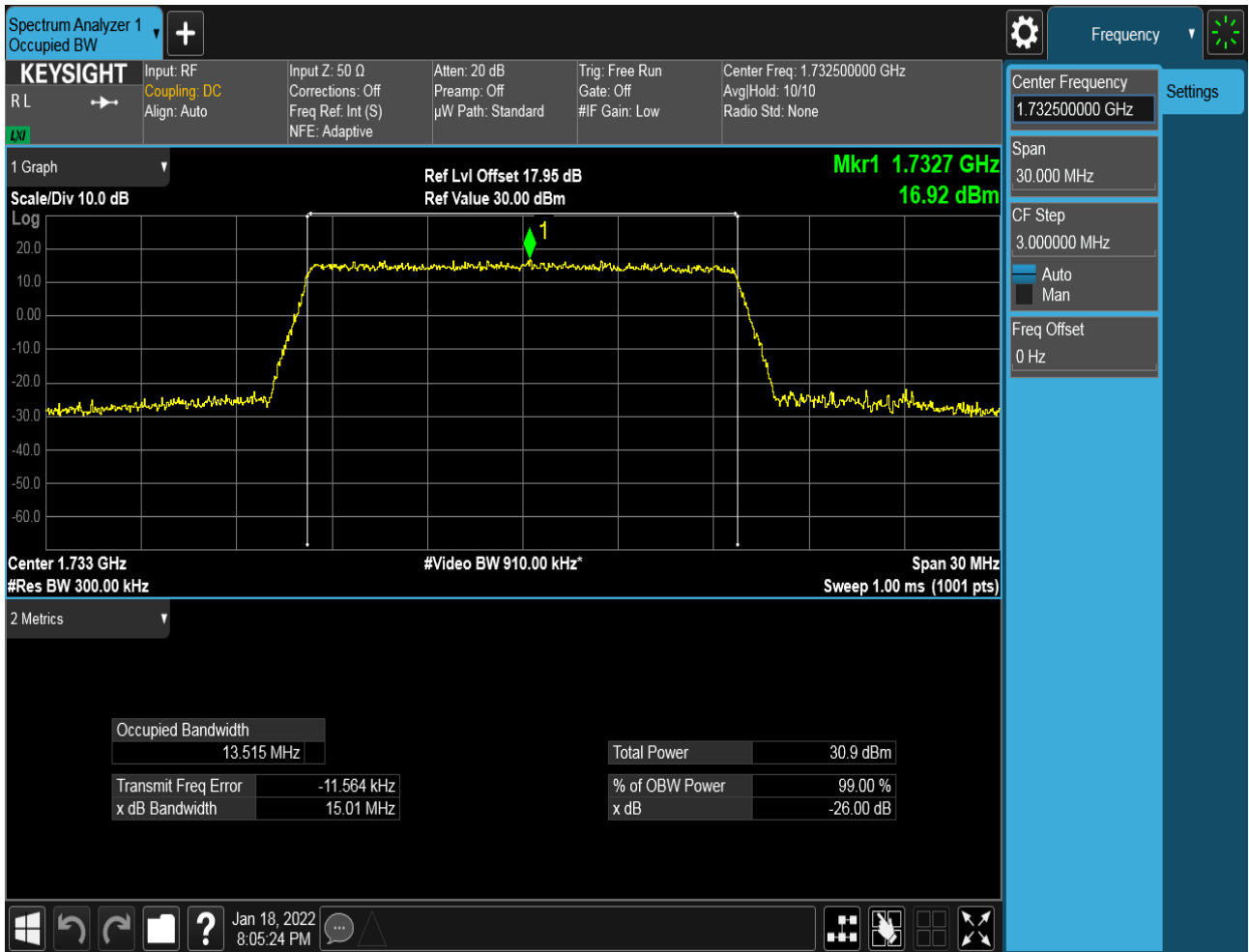
##### 4.1.1.2.5.1.1 Test RB = RB75#0





### 4.1.1.2.5.2 Test Channel = MCH

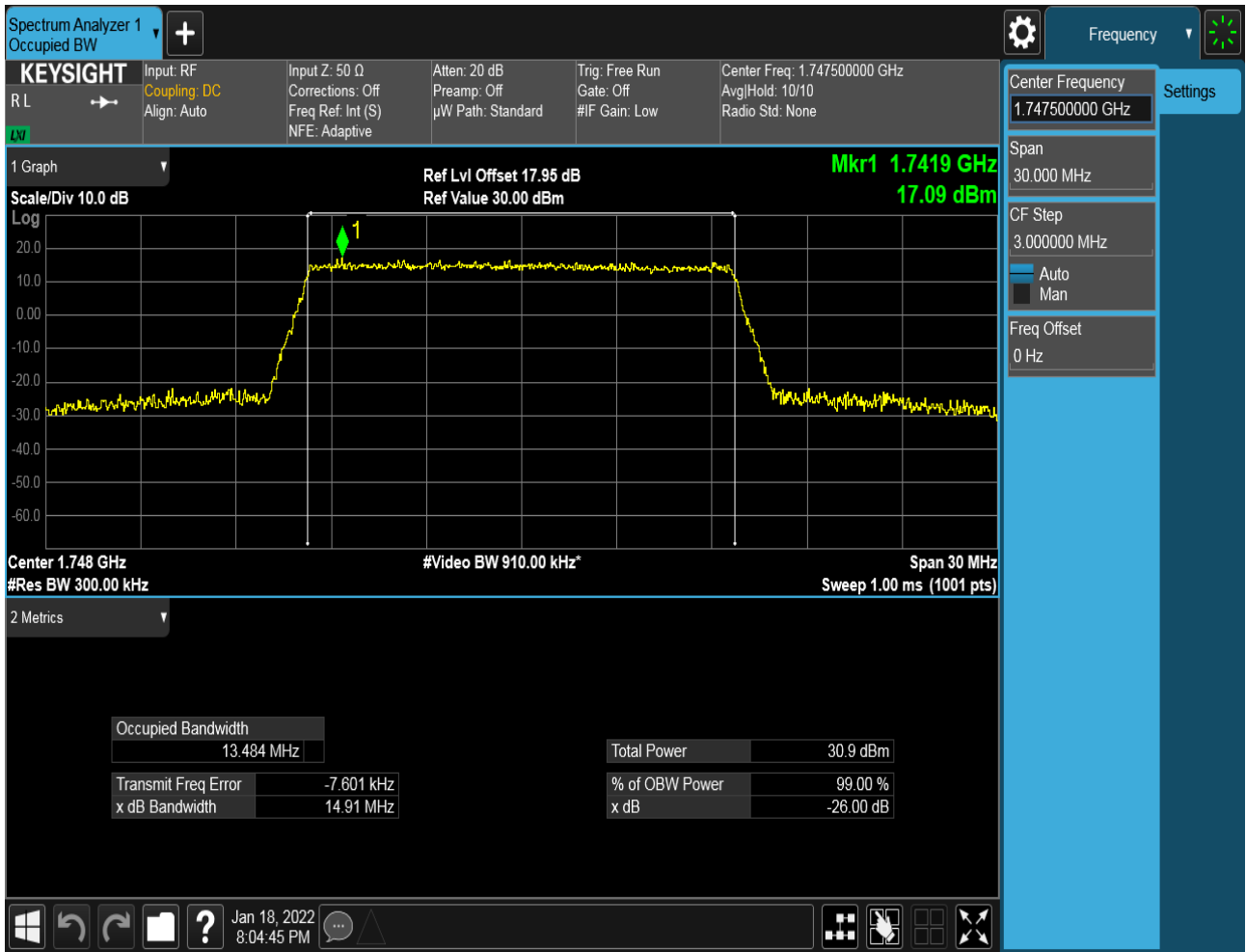
#### 4.1.1.2.5.2.1 Test RB = RB75#0





### 4.1.1.2.5.3 Test Channel = HCH

#### 4.1.1.2.5.3.1 Test RB = RB75#0

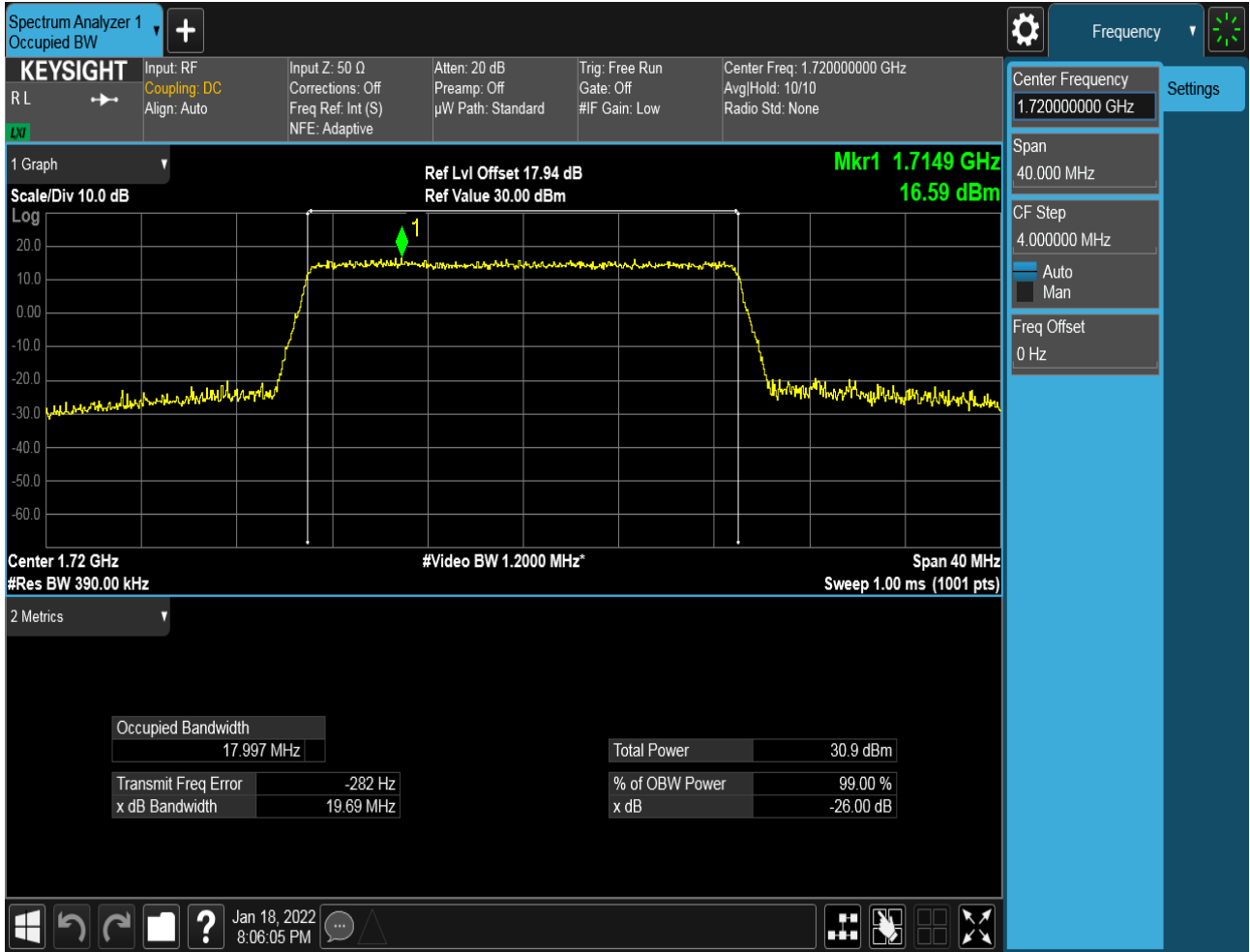




### 4.1.1.2.6 Test Bandwidth = 20MHz

#### 4.1.1.2.6.1 Test Channel = LCH

##### 4.1.1.2.6.1.1 Test RB = RB100#0

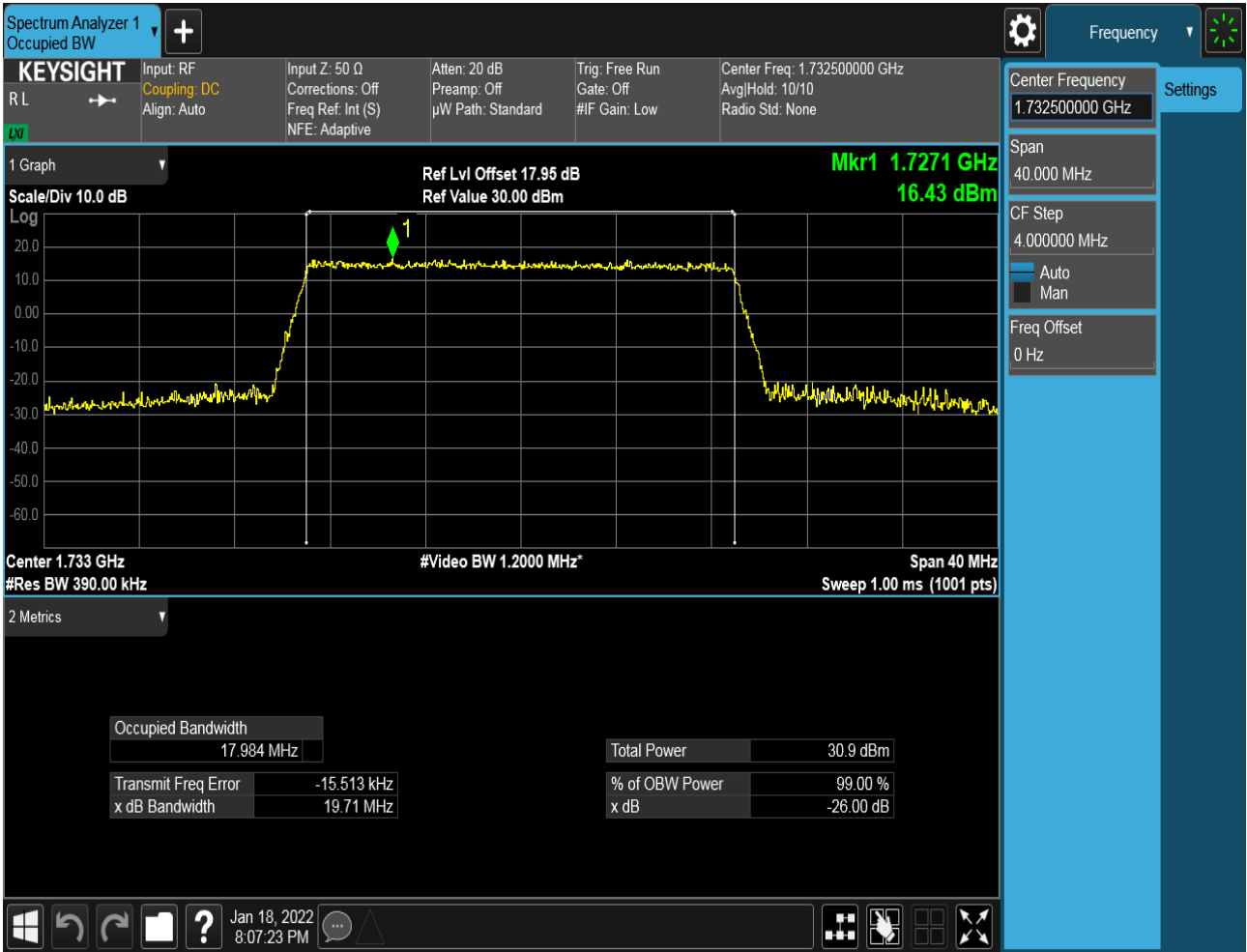






### 4.1.1.2.6.2 Test Channel = MCH

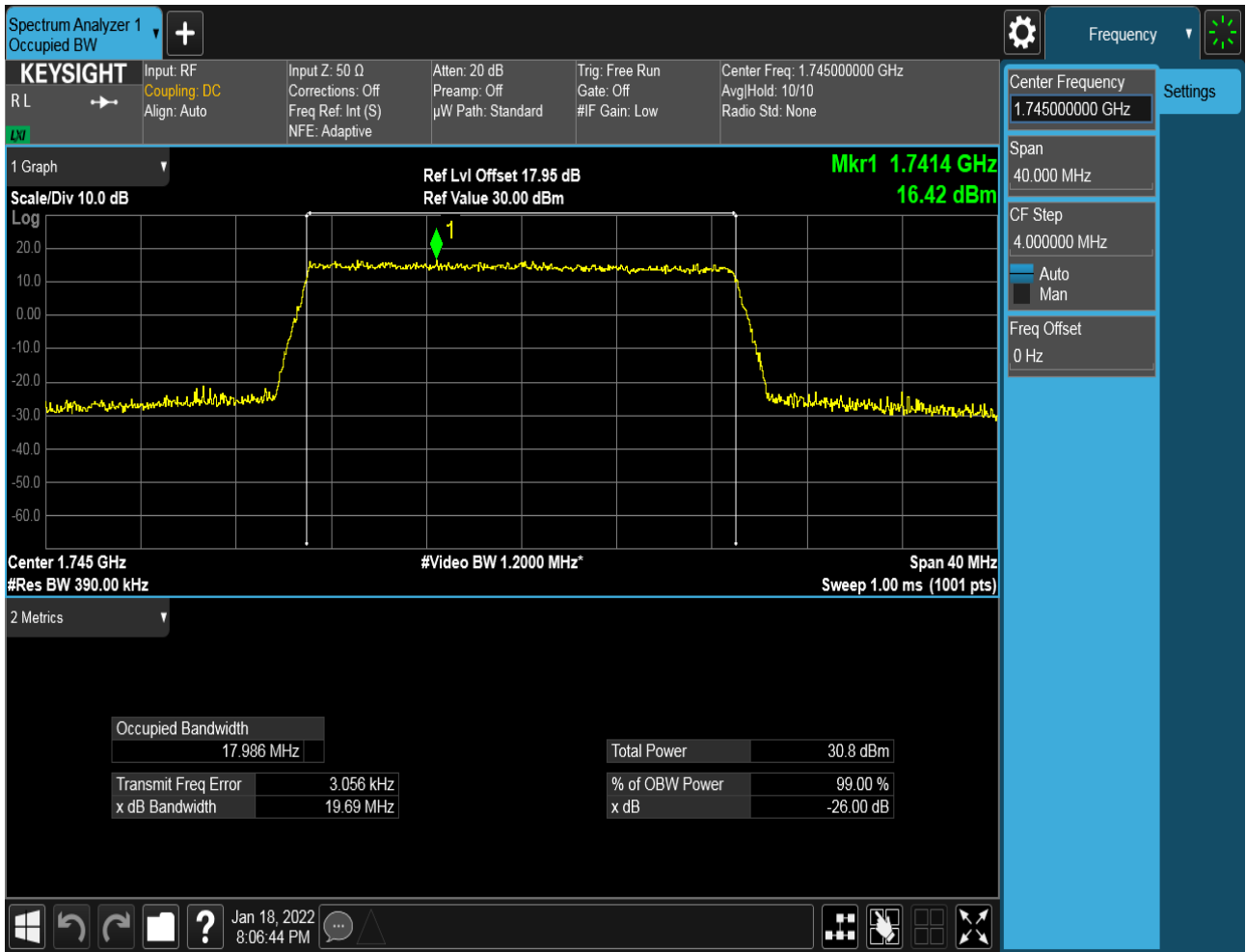
#### 4.1.1.2.6.2.1 Test RB = RB100#0





### 4.1.1.2.6.3 Test Channel = HCH

#### 4.1.1.2.6.3.1 Test RB = RB100#0



## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

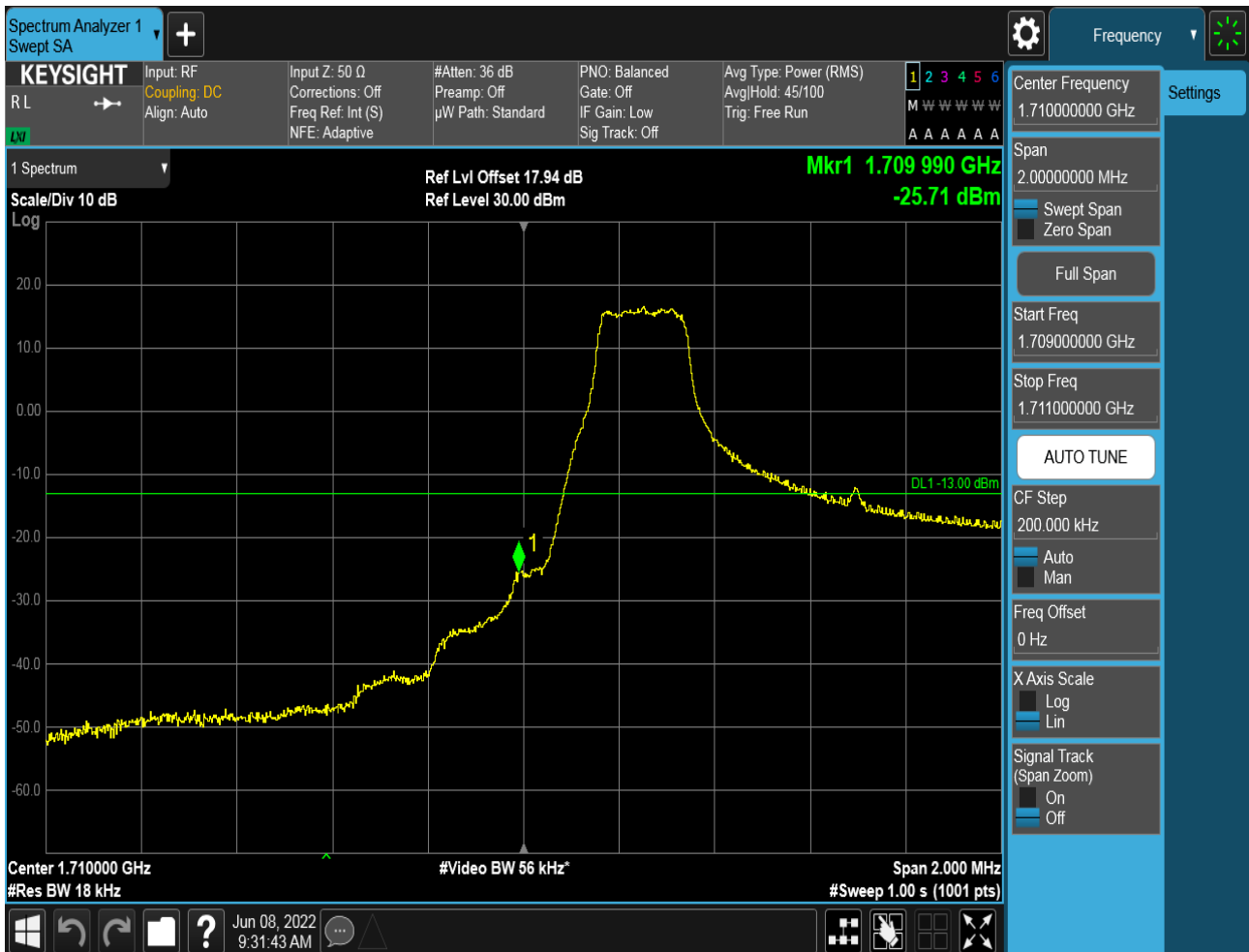
##### 5.1.1 Test Band = Band4

##### 5.1.1.1 Test Mode = LTE/TM1

##### 5.1.1.1.1 Test Bandwidth = 1.4MHz

##### 5.1.1.1.1.1 Test Channel = LCH

##### 5.1.1.1.1.1.1 Test RB = RB1#0





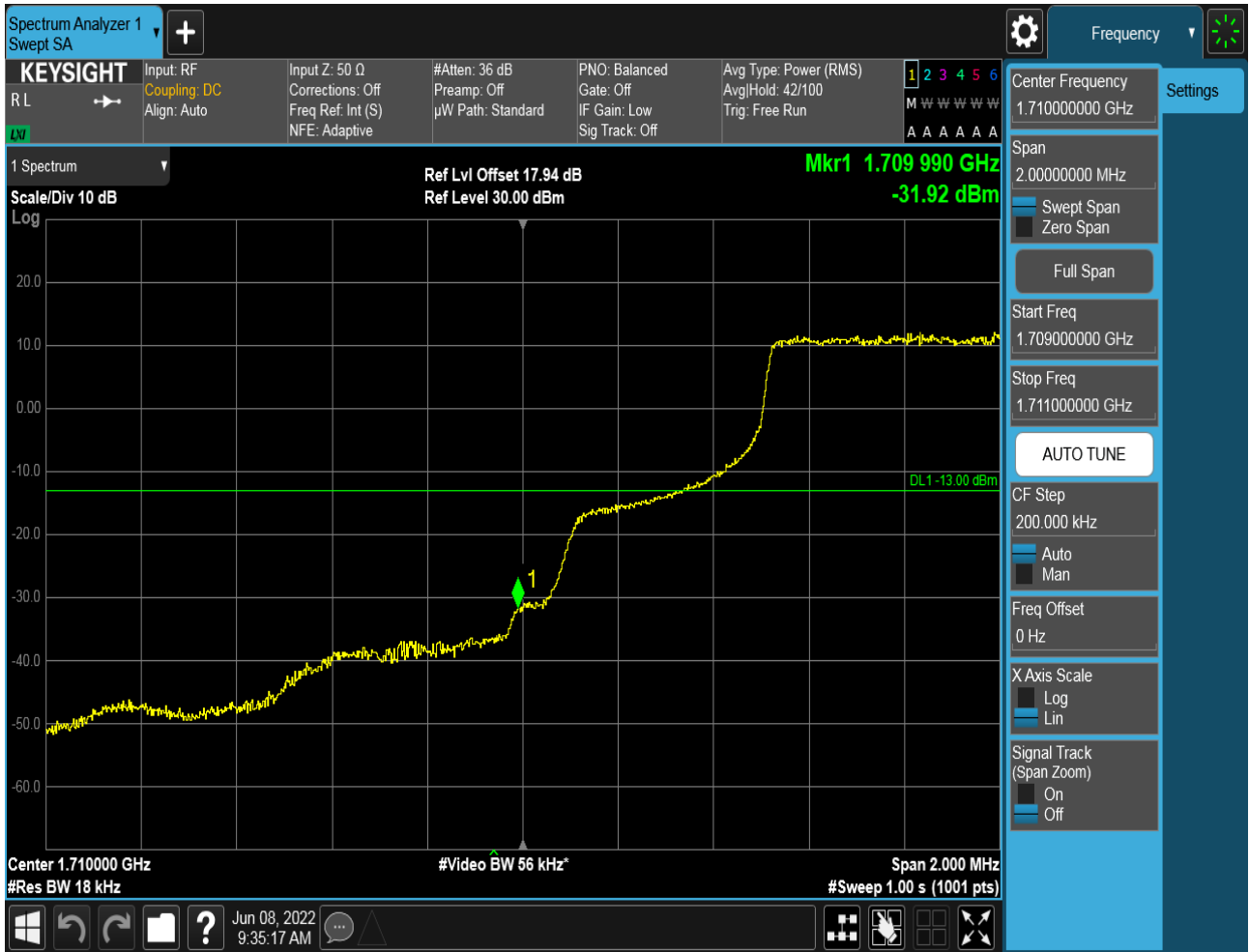


5.1.1.1.1.2 Test RB = RB1#5



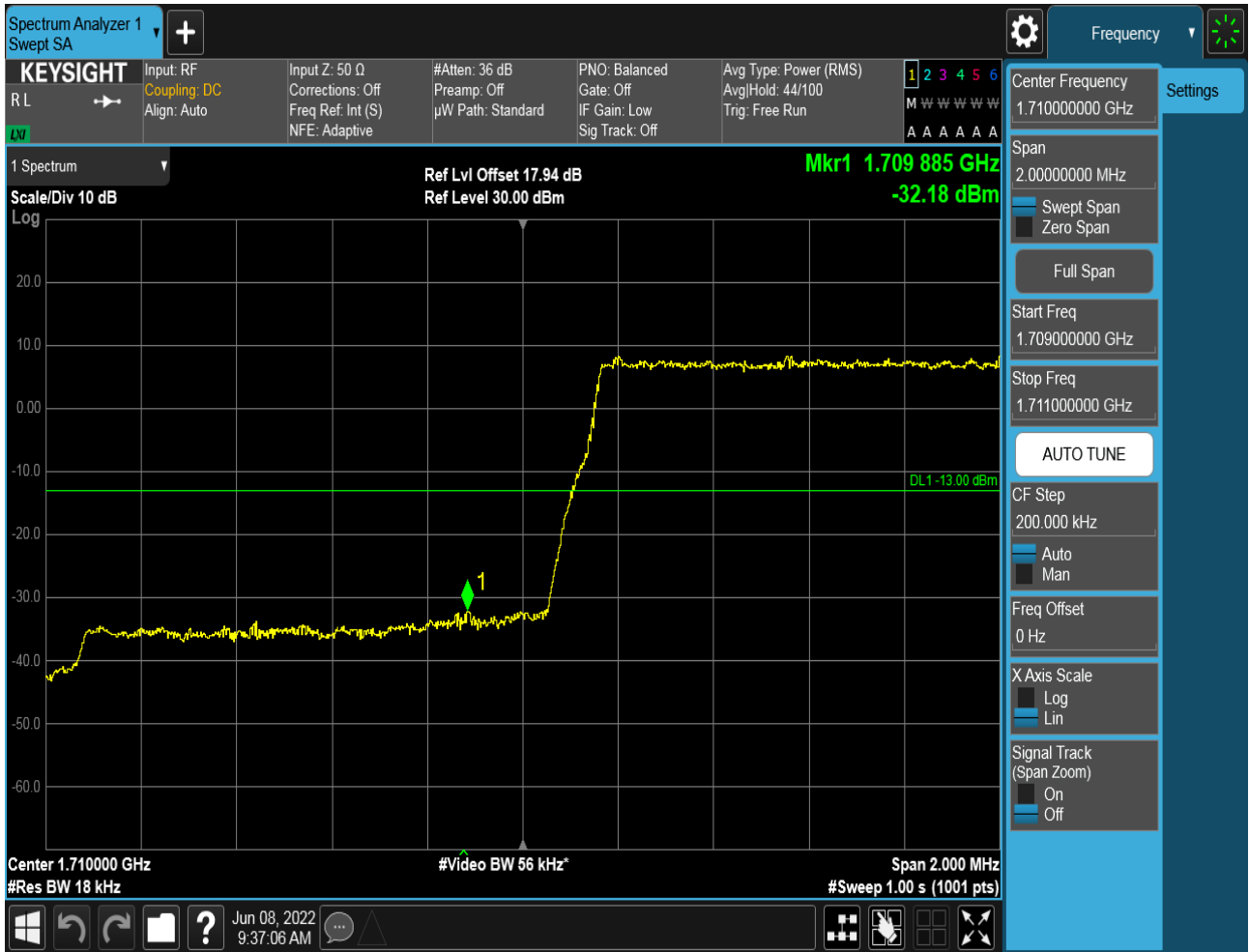


### 5.1.1.1.1.3 Test RB = RB3#2





### 5.1.1.1.1.4 Test RB = RB6#0





### 5.1.1.1.1.2 Test Channel = HCH

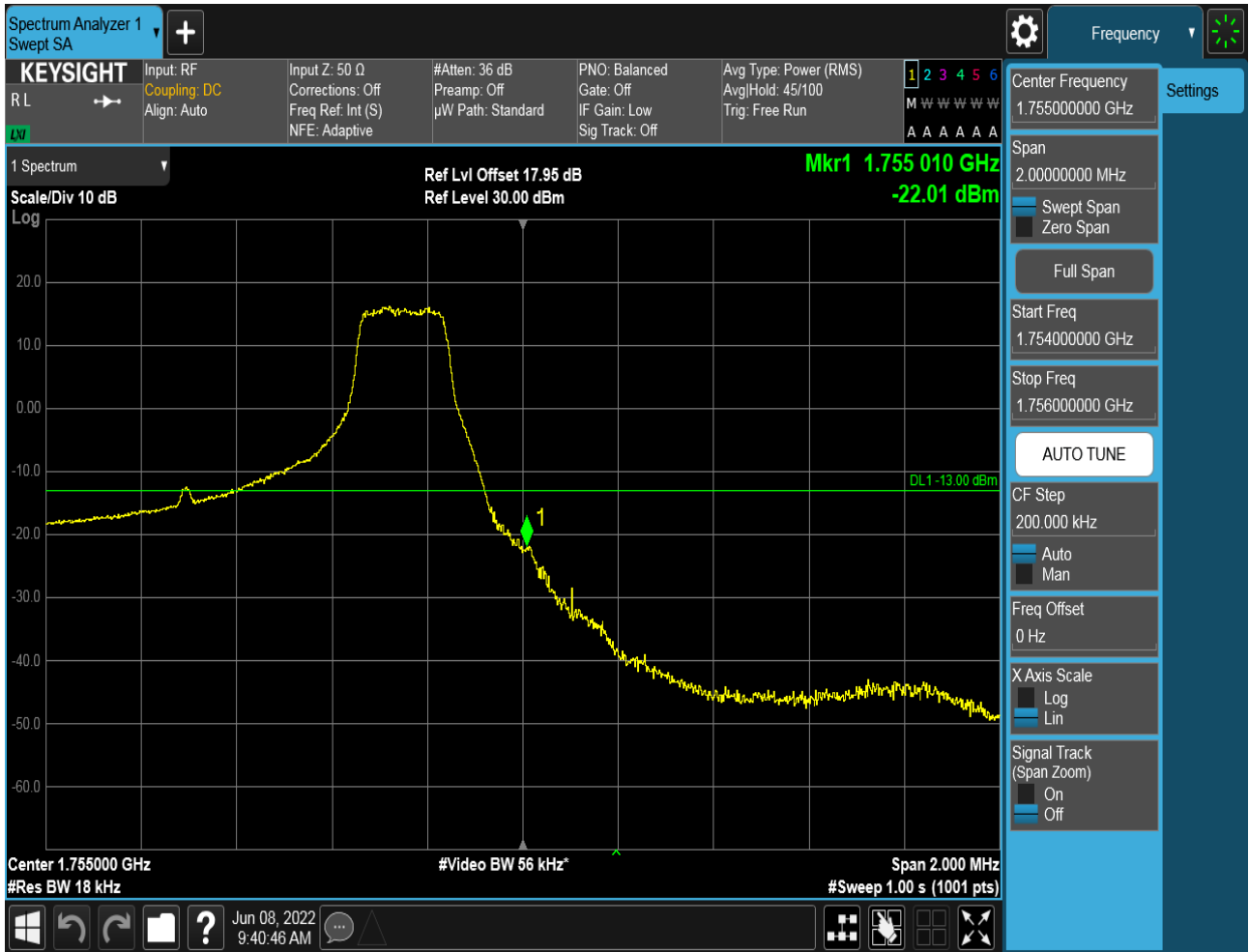
#### 5.1.1.1.1.2.1 Test RB = RB1#0







5.1.1.1.2.2 Test RB = RB1#5



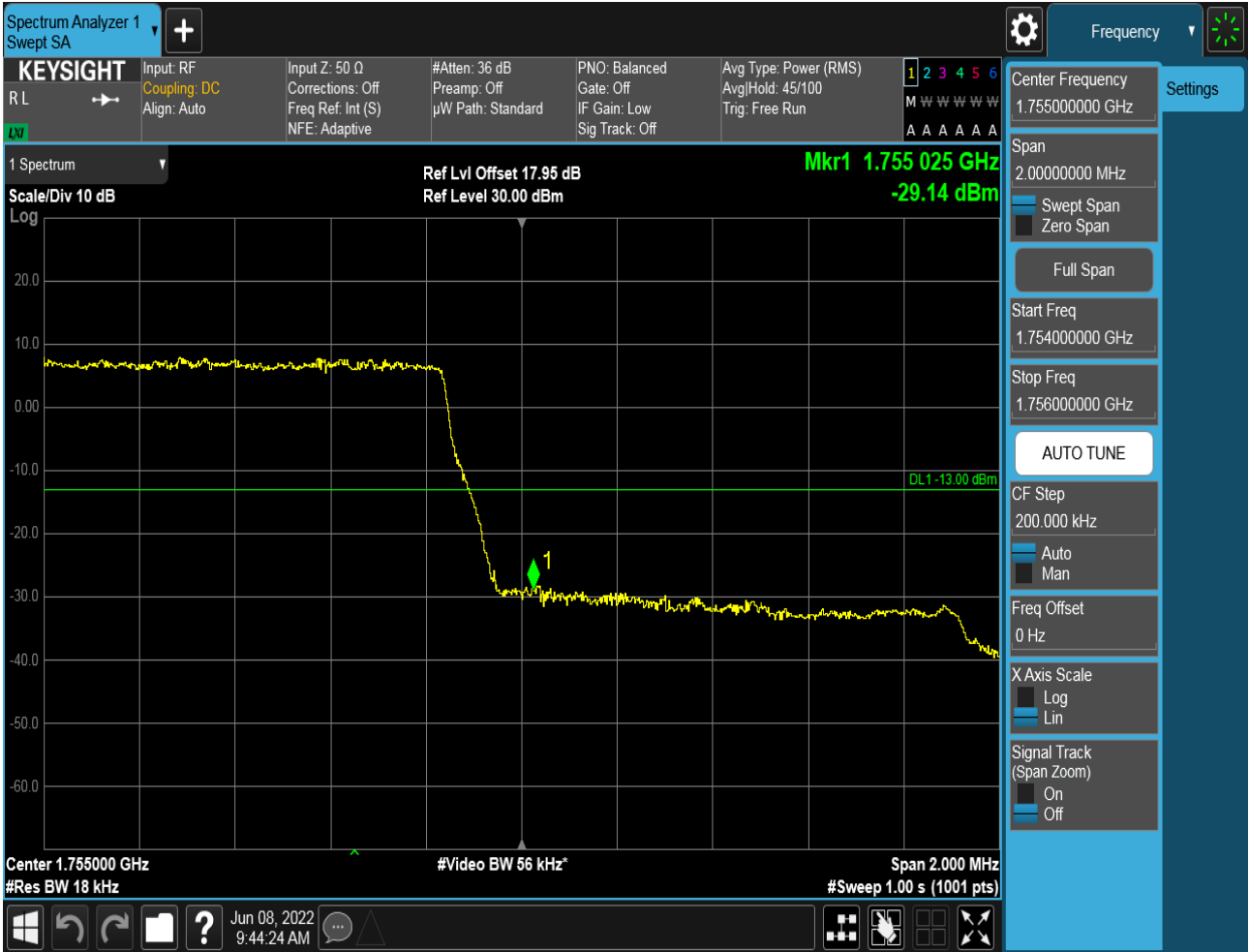


### 5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

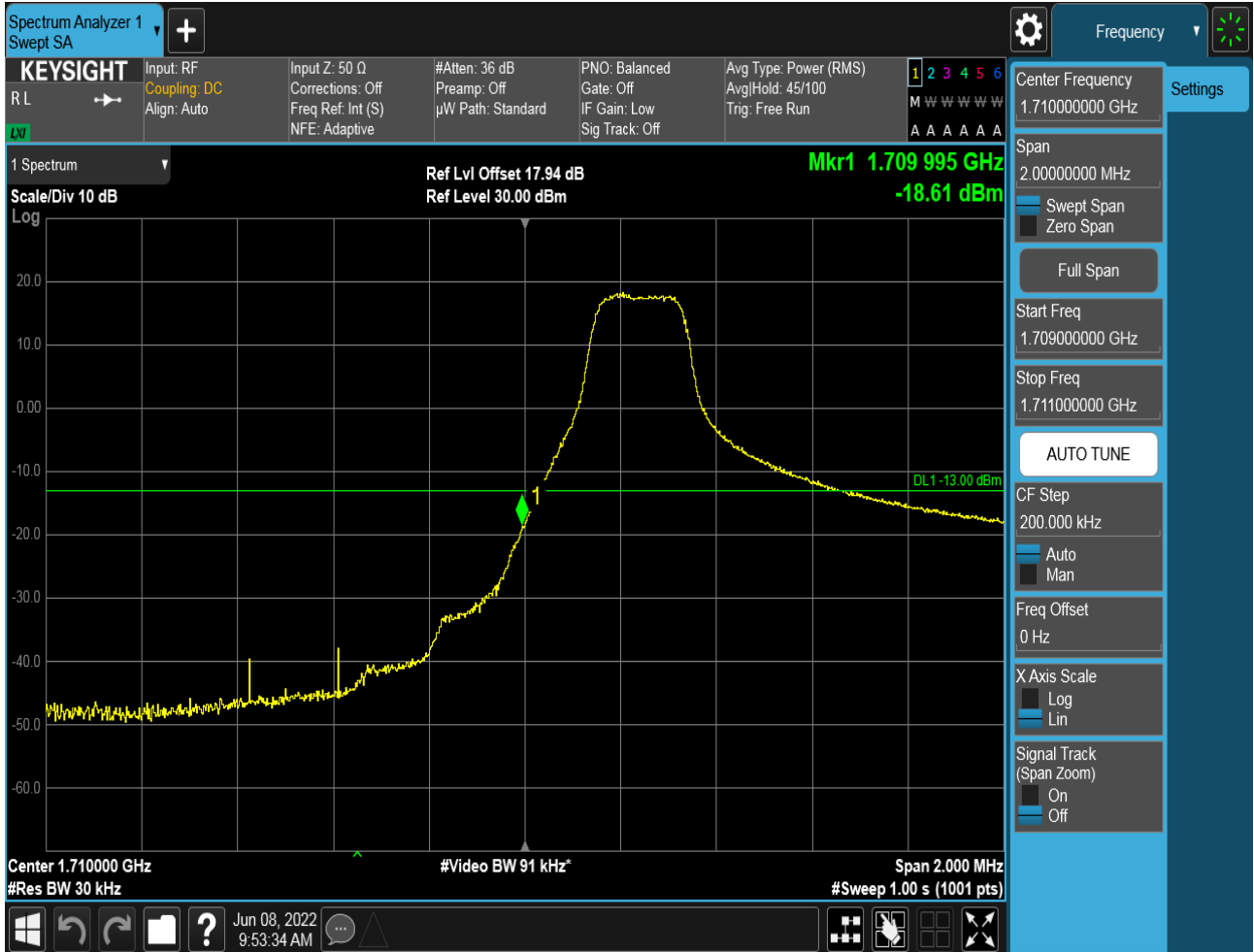




### 5.1.1.1.2 Test Bandwidth = 3MHz

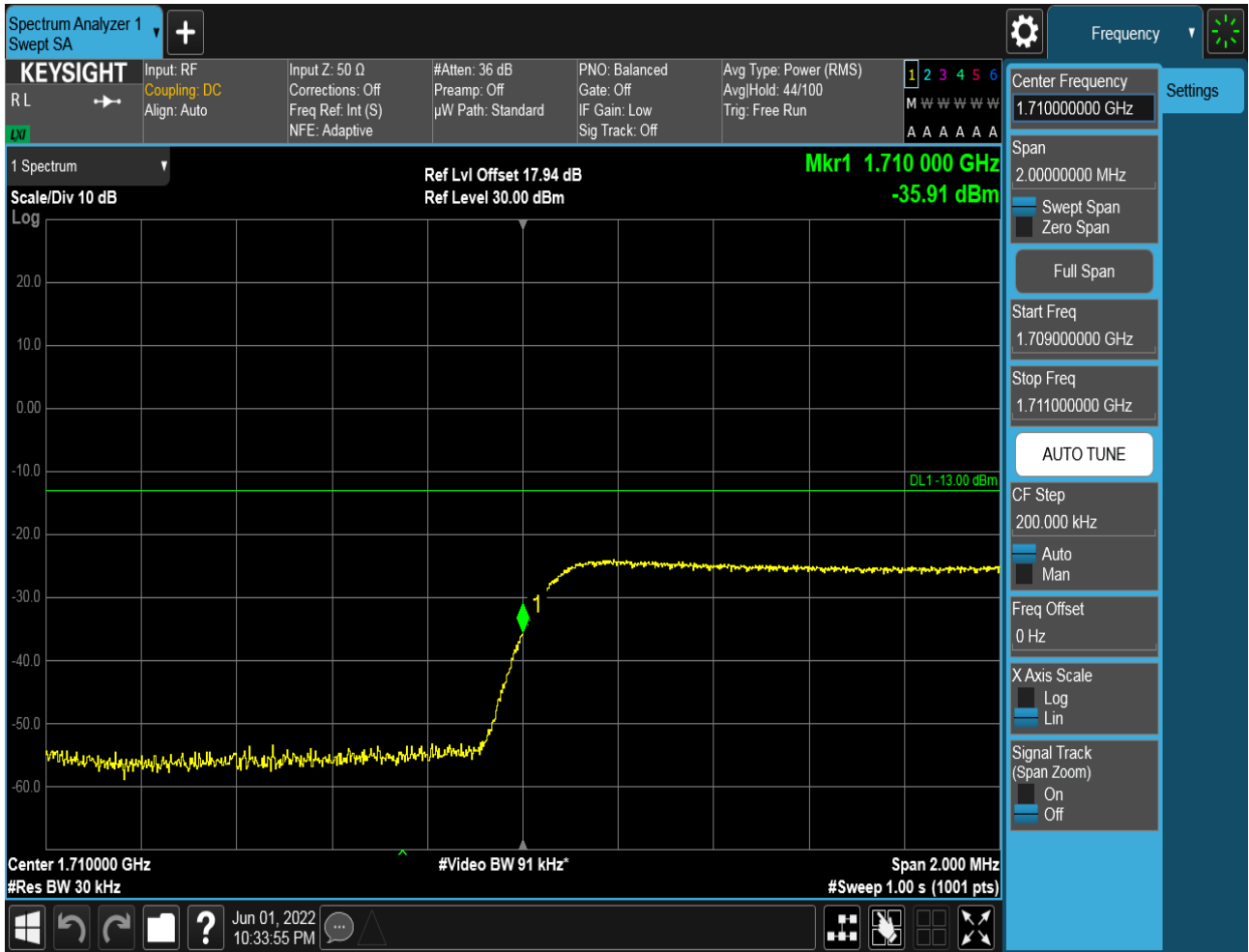
#### 5.1.1.1.2.1 Test Channel = LCH

##### 5.1.1.1.2.1.1 Test RB = RB1#0



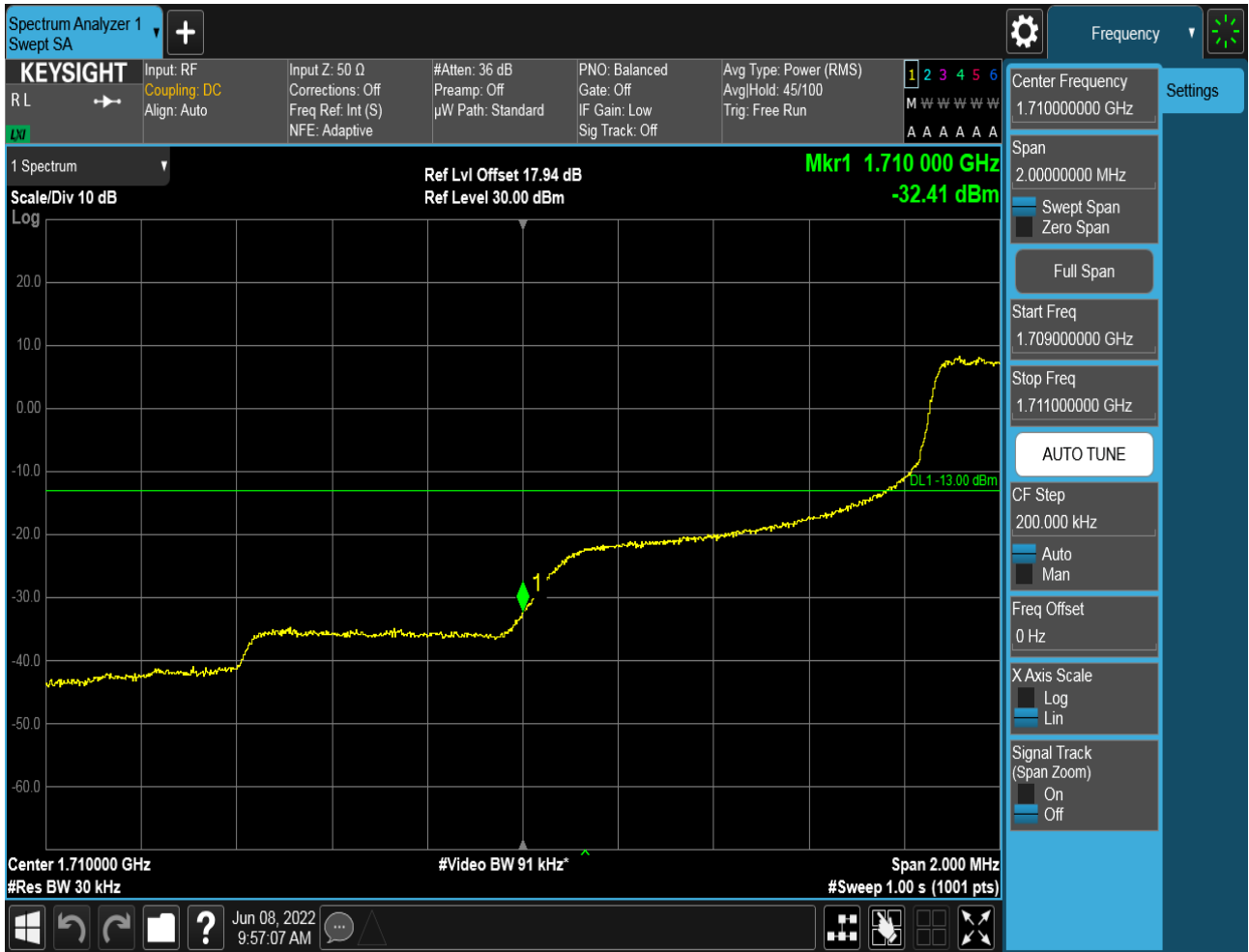


### 5.1.1.1.2.1.2 Test RB = RB1#14



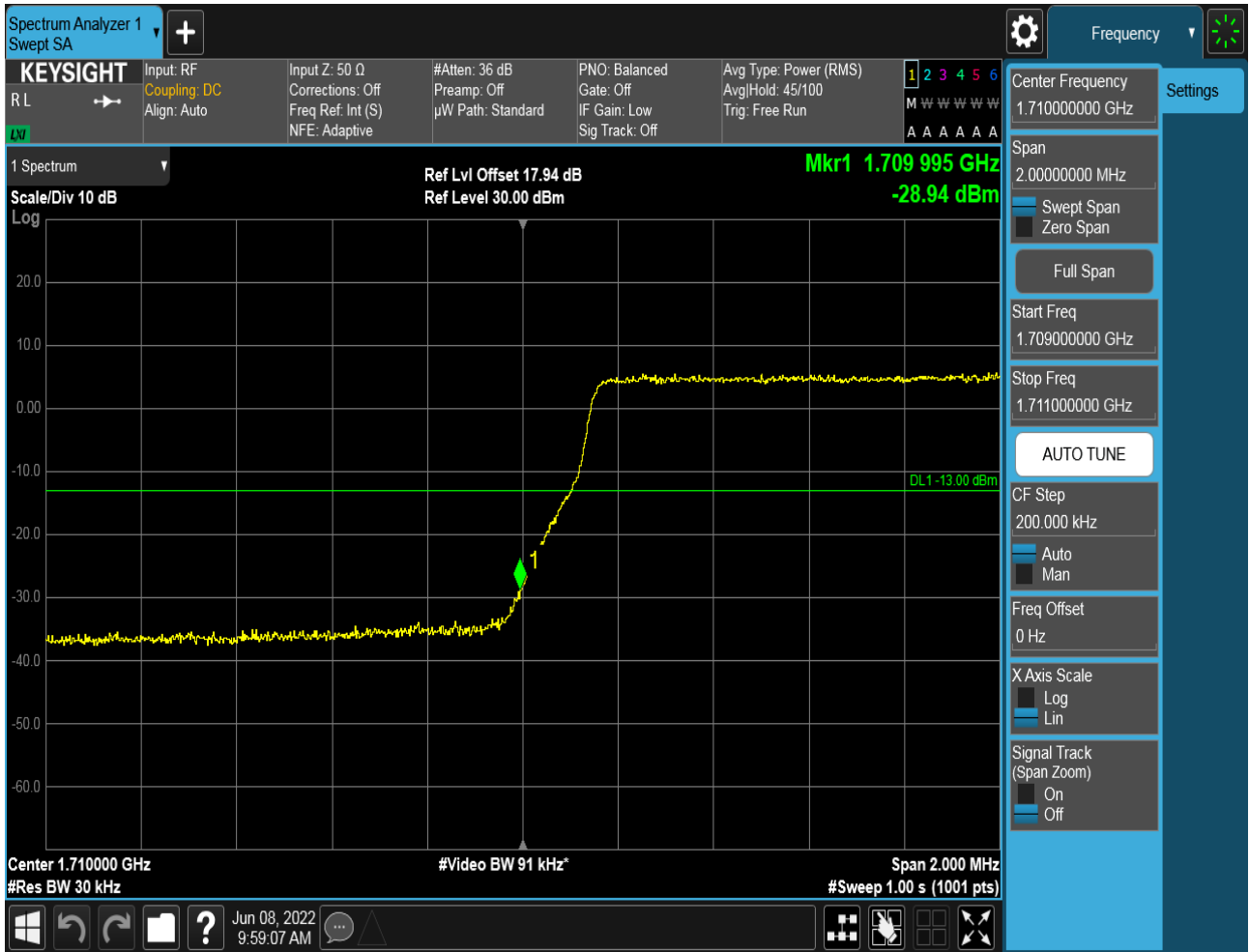


### 5.1.1.1.2.1.3 Test RB = RB8#4





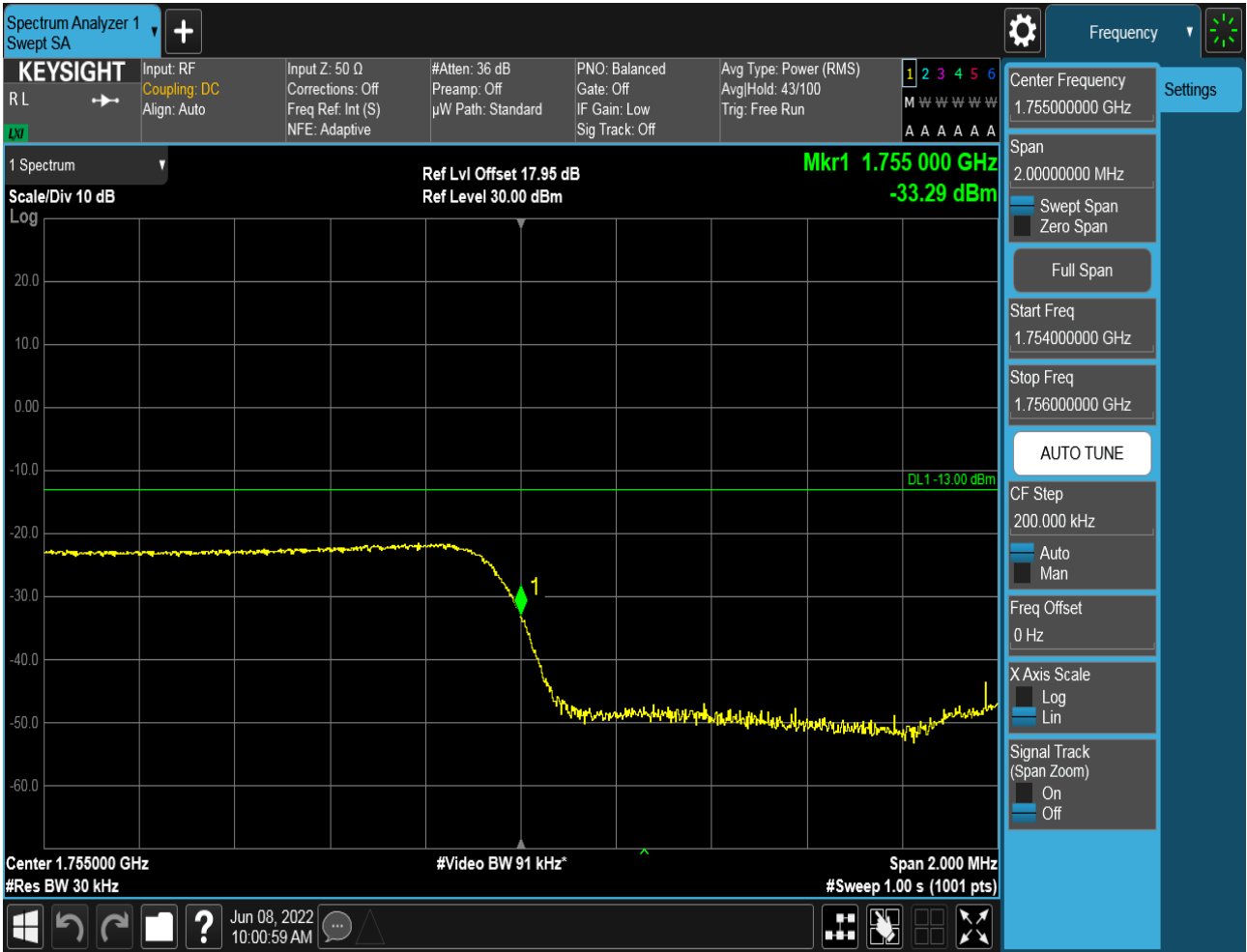
### 5.1.1.1.2.1.4 Test RB = RB15#0





### 5.1.1.1.2.2 Test Channel = HCH

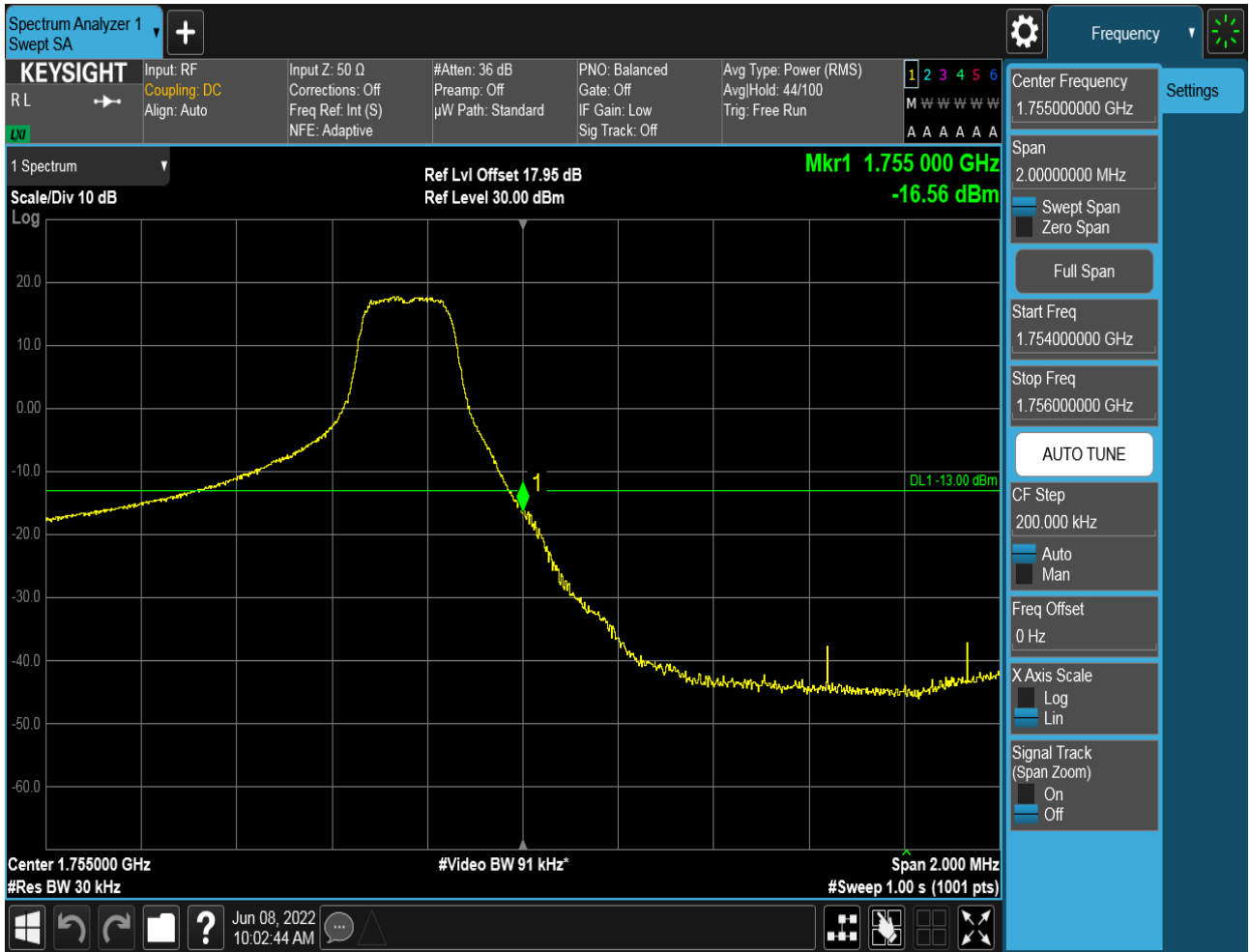
#### 5.1.1.1.2.2.1 Test RB = RB1#0







### 5.1.1.1.2.2.2 Test RB = RB1#14



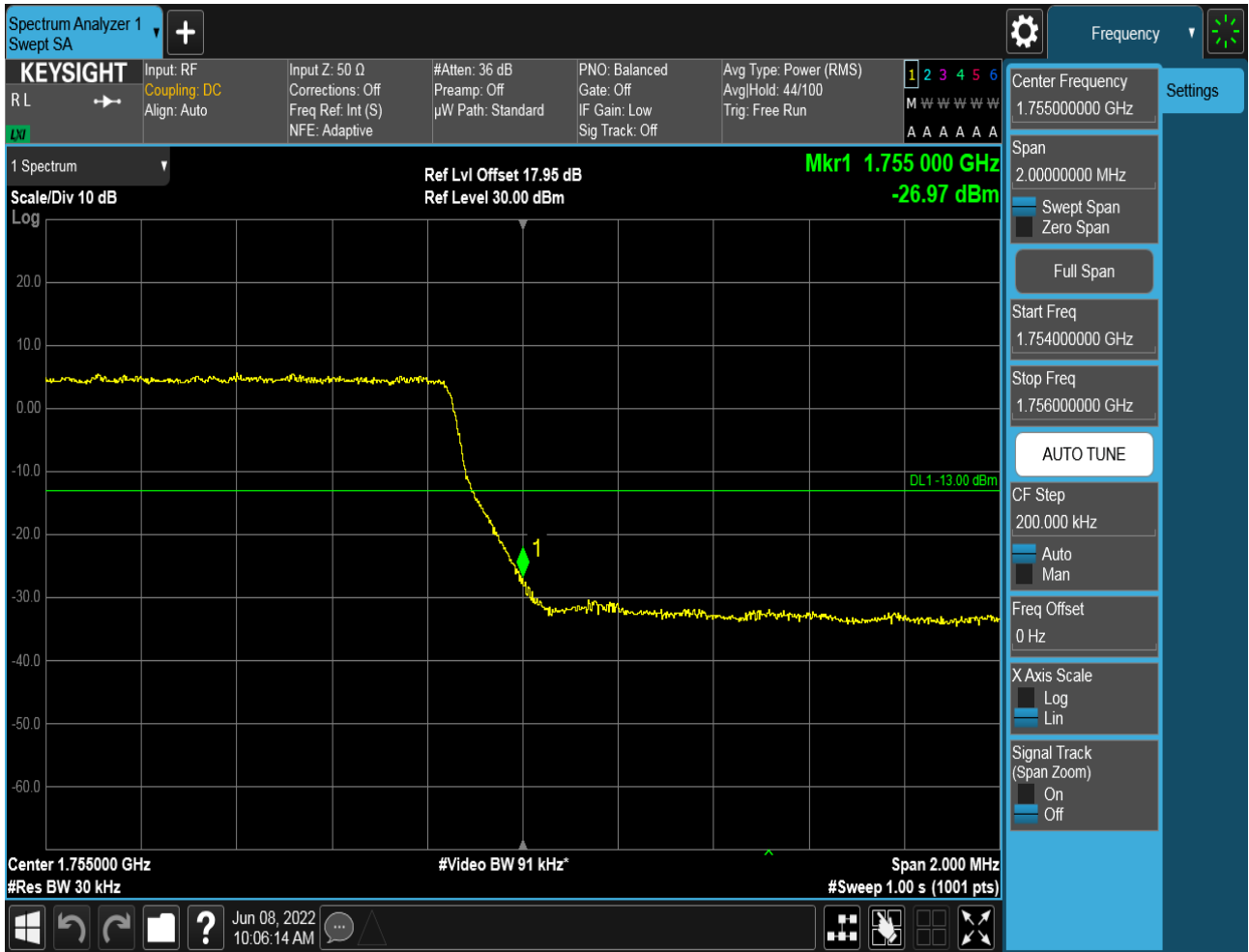


### 5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

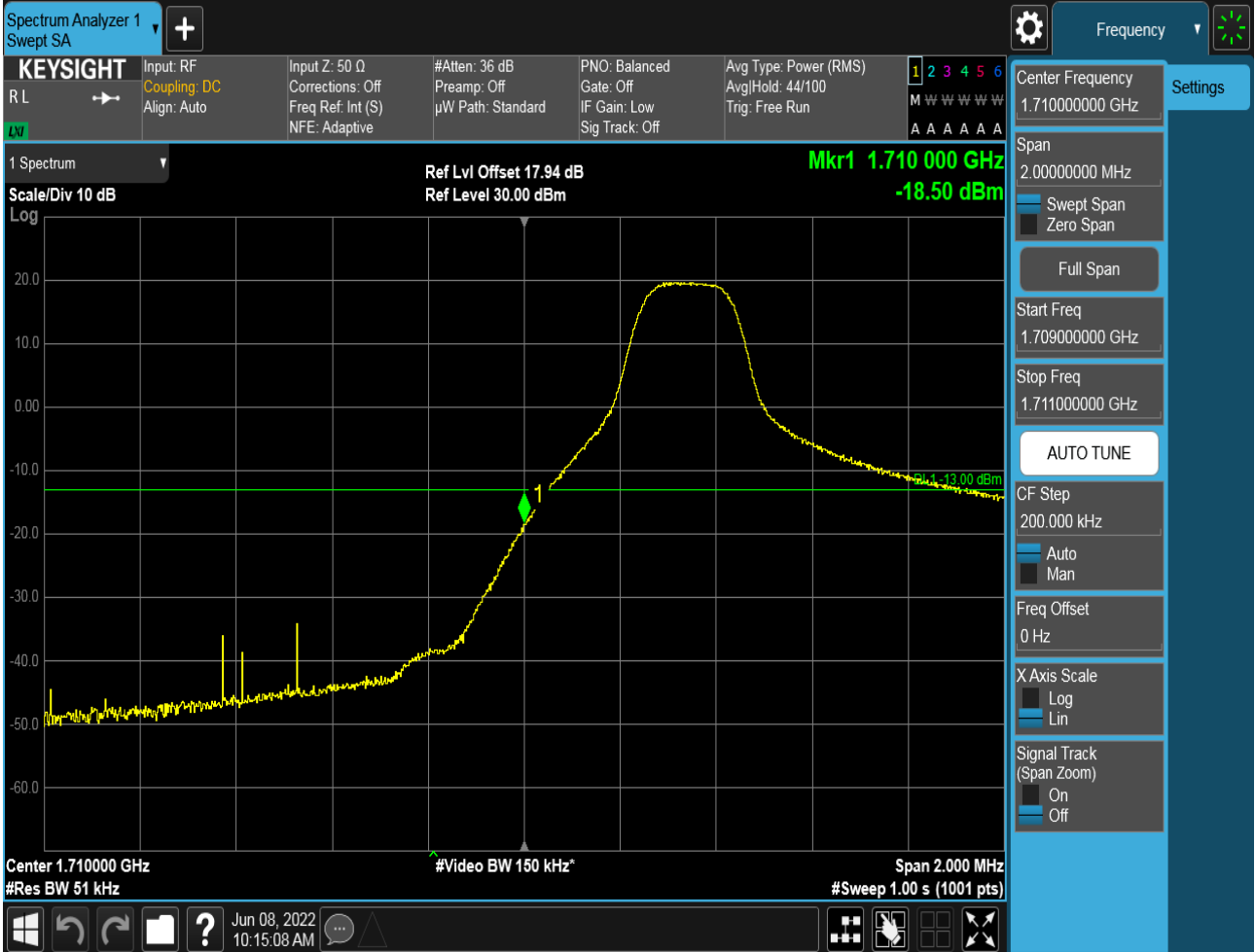




### 5.1.1.1.3 Test Bandwidth = 5MHz

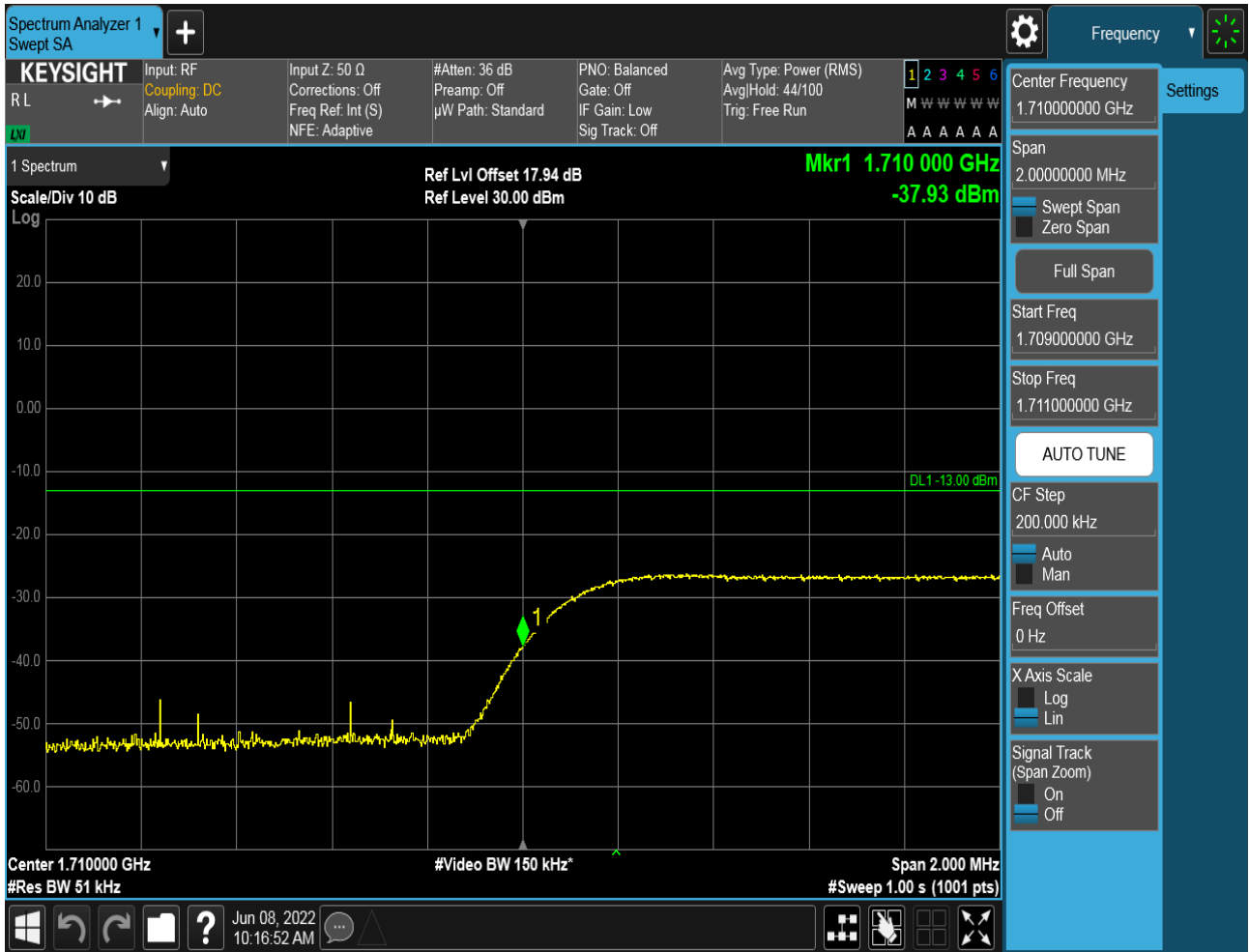
#### 5.1.1.1.3.1 Test Channel = LCH

##### 5.1.1.1.3.1.1 Test RB = RB1#0





### 5.1.1.1.3.1.2 Test RB = RB1#24



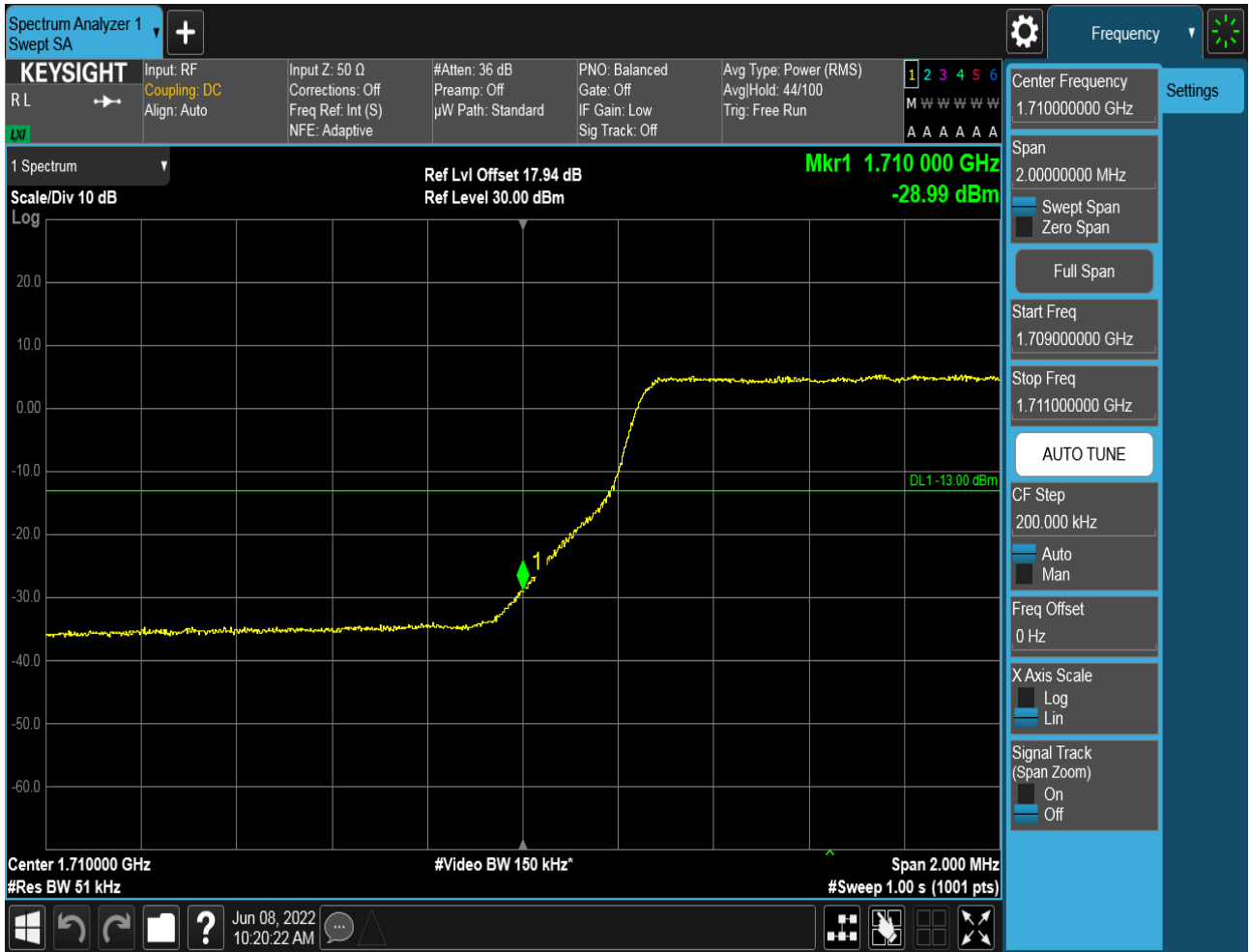


### 5.1.1.1.3.1.3 Test RB = RB12#6





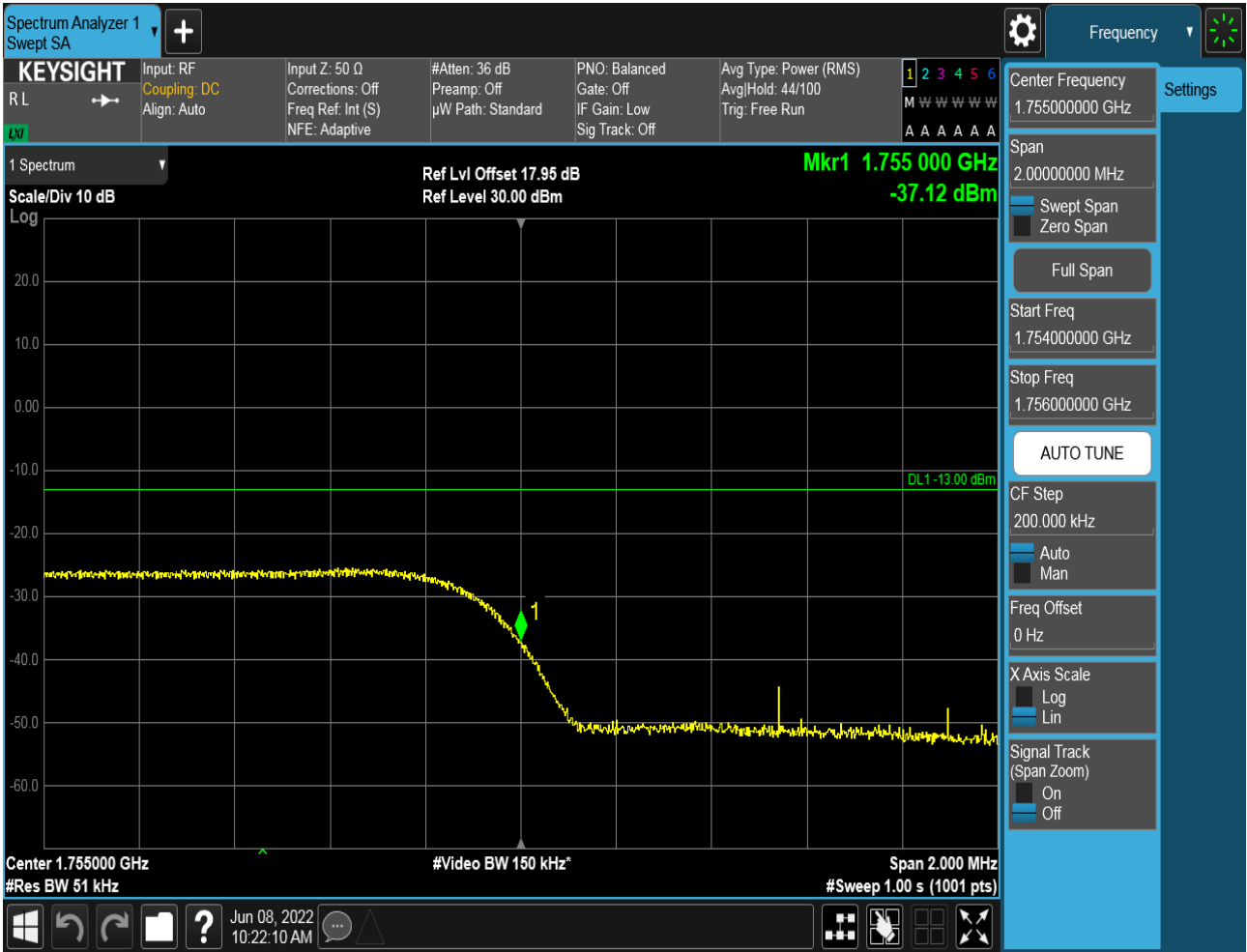
### 5.1.1.1.3.1.4 Test RB = RB25#0





### 5.1.1.1.3.2 Test Channel = HCH

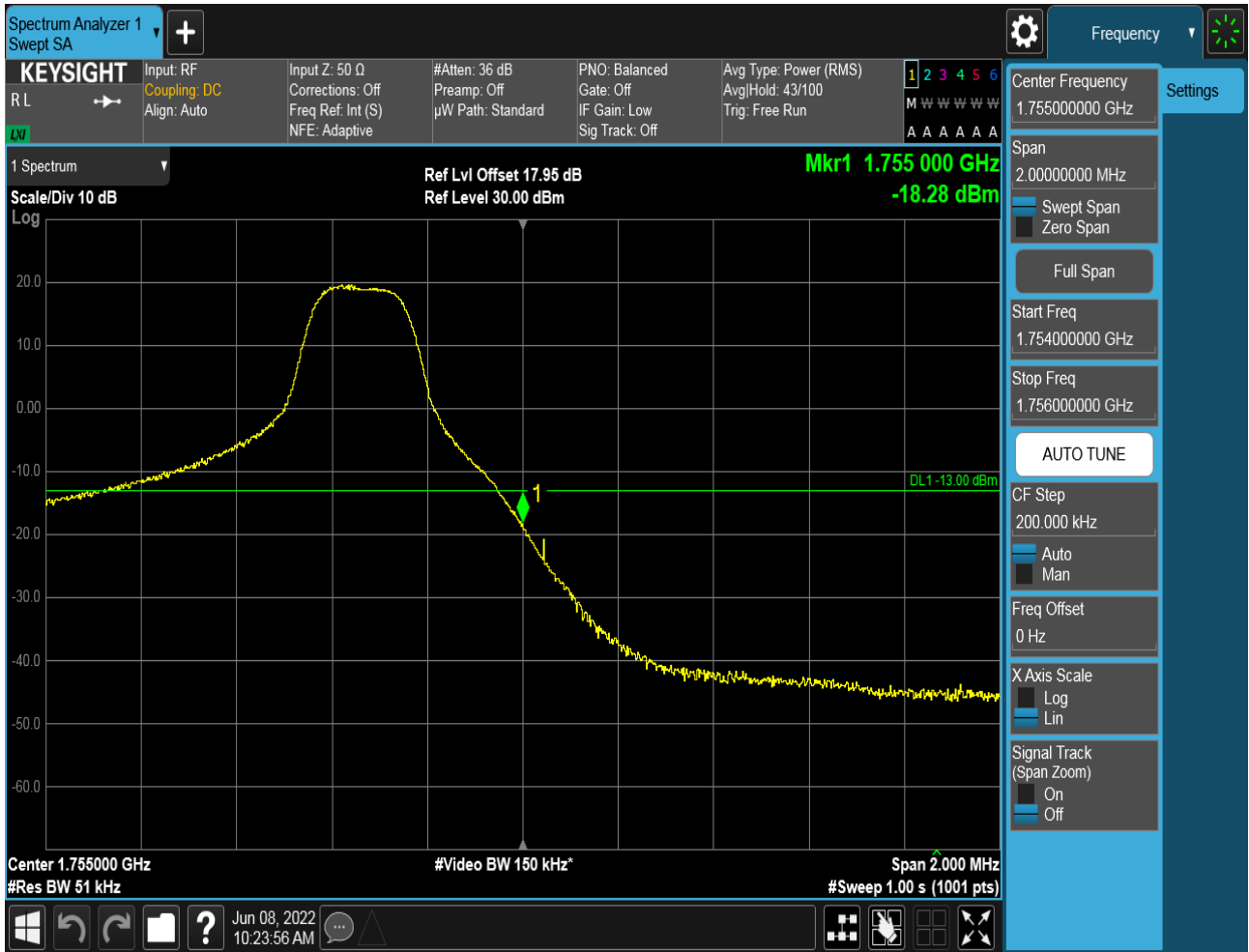
#### 5.1.1.1.3.2.1 Test RB = RB1#0







### 5.1.1.1.3.2.2 Test RB = RB1#24





### 5.1.1.1.3.2.3 Test RB = RB12#6





### 5.1.1.1.3.2.4 Test RB = RB25#0

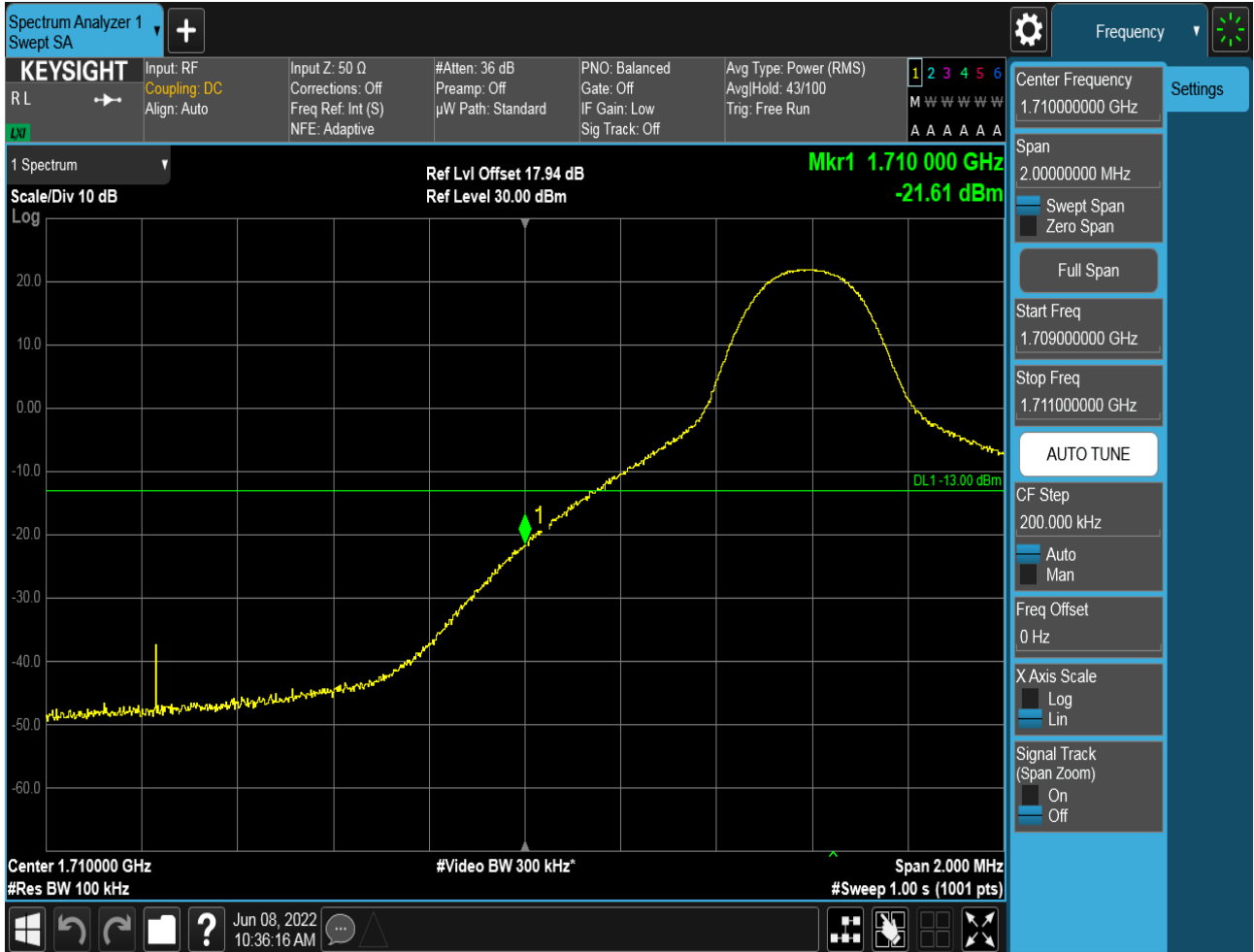




### 5.1.1.1.4 Test Bandwidth = 10MHz

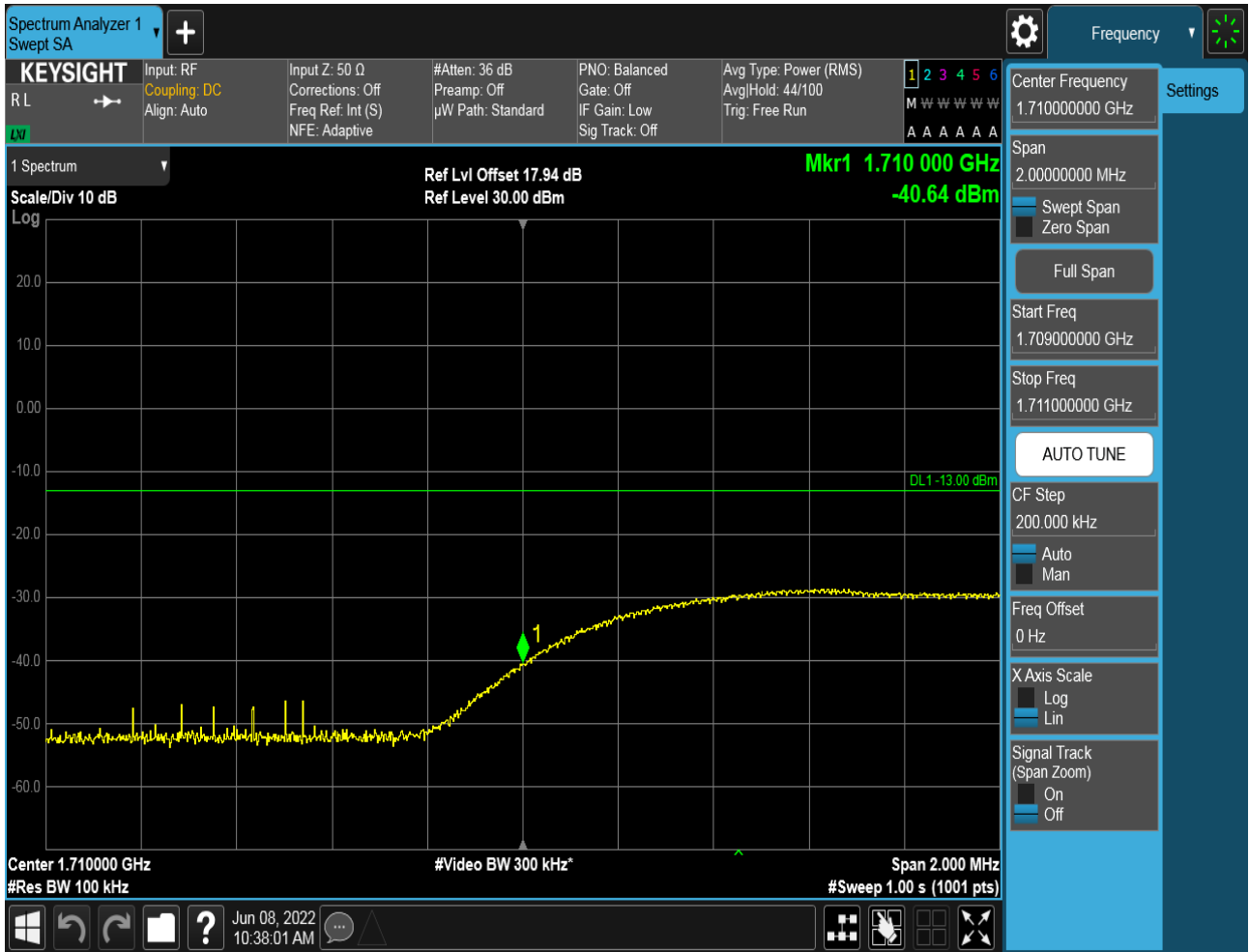
#### 5.1.1.1.4.1 Test Channel = LCH

##### 5.1.1.1.4.1.1 Test RB = RB1#0



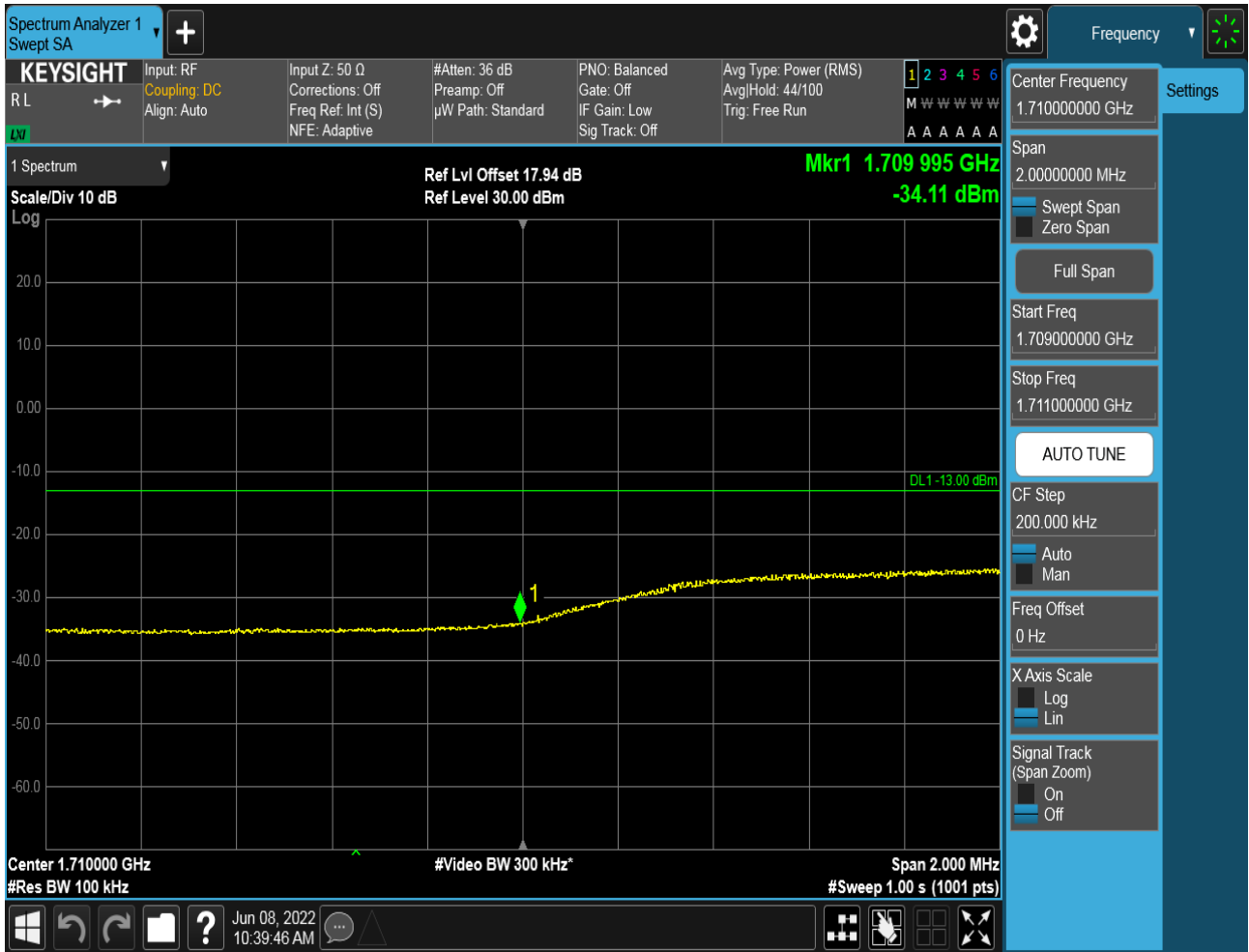


### 5.1.1.1.4.1.2 Test RB = RB1#49



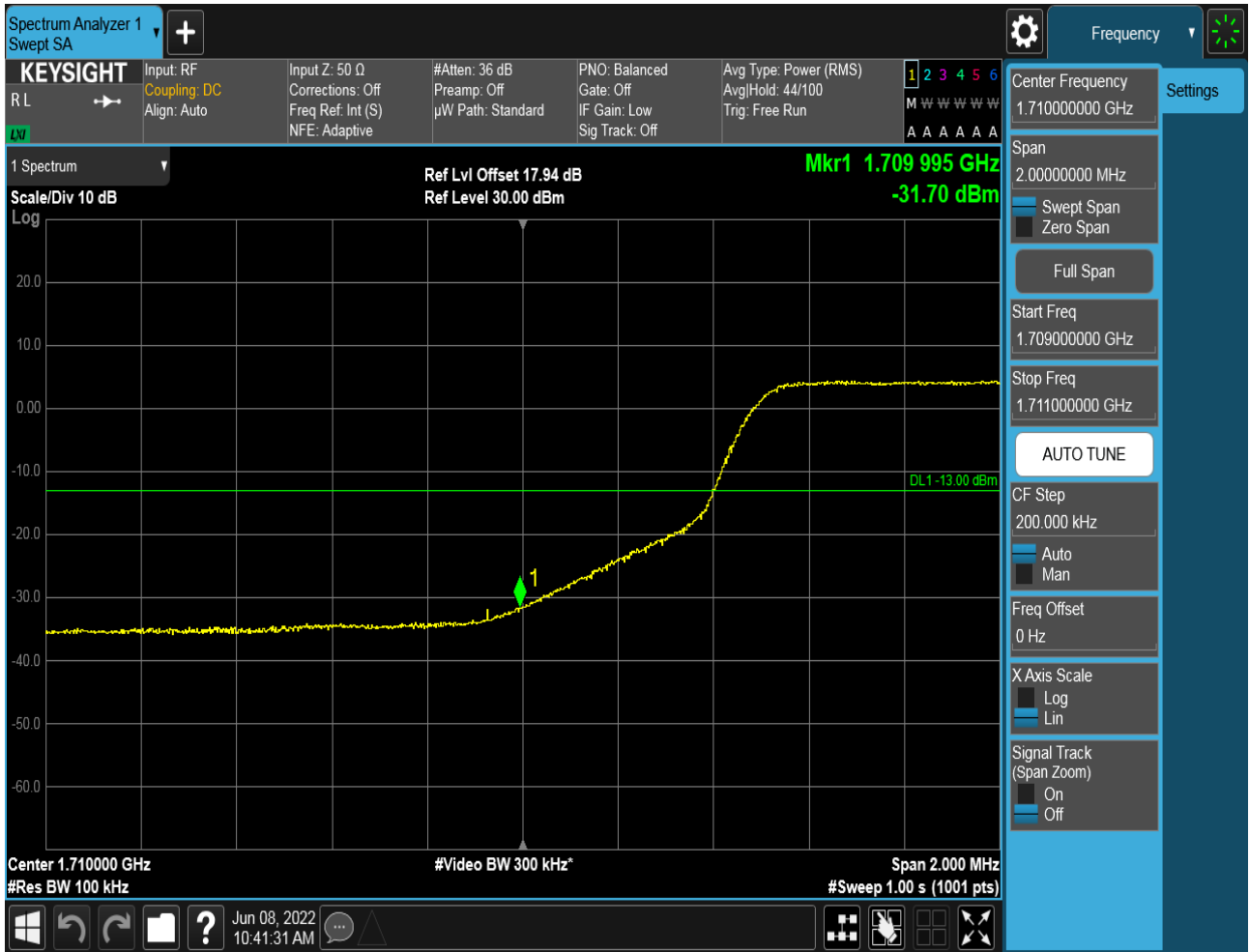


### 5.1.1.1.4.1.3 Test RB = RB25#13





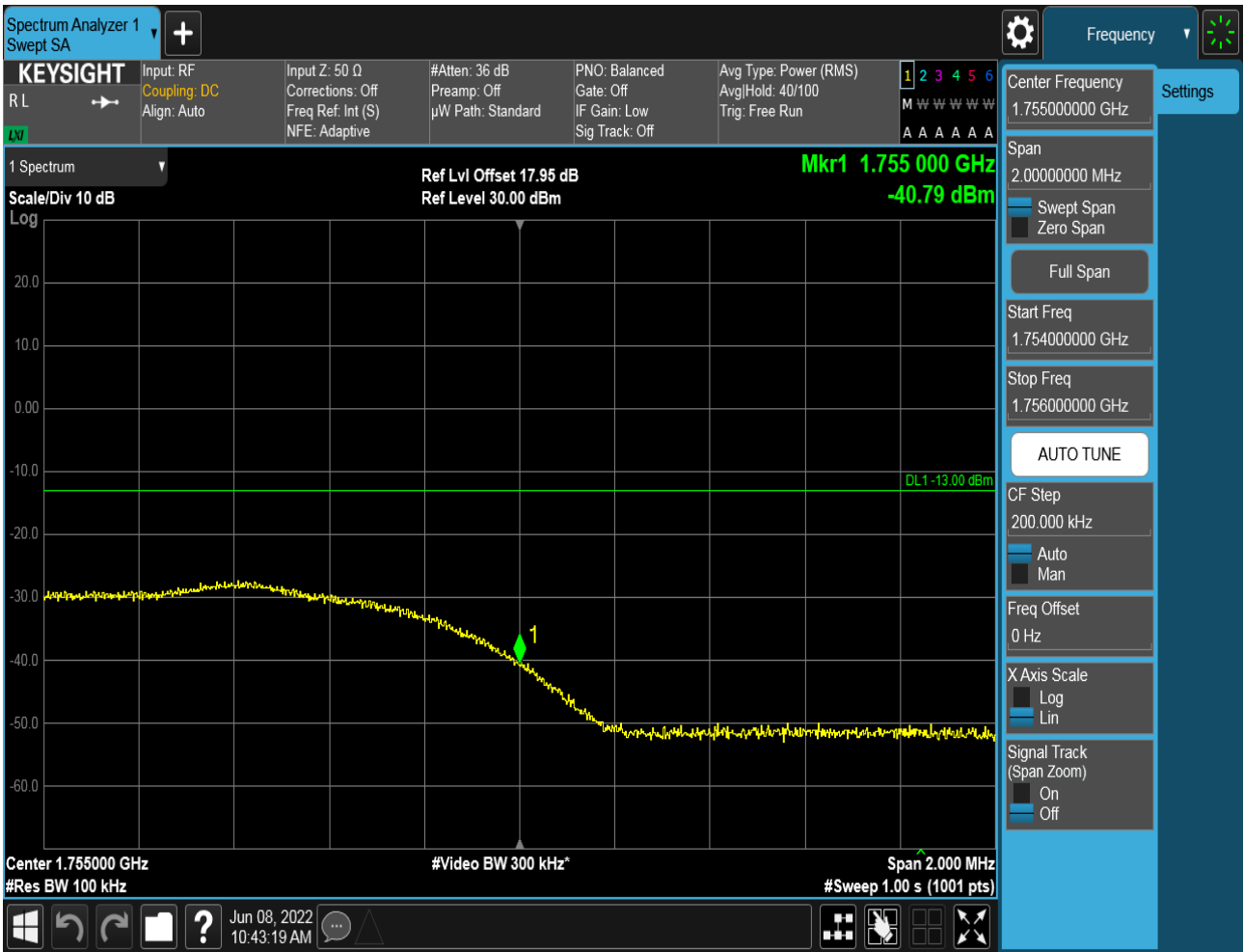
### 5.1.1.1.4.1.4 Test RB = RB50#0





### 5.1.1.1.4.2 Test Channel = HCH

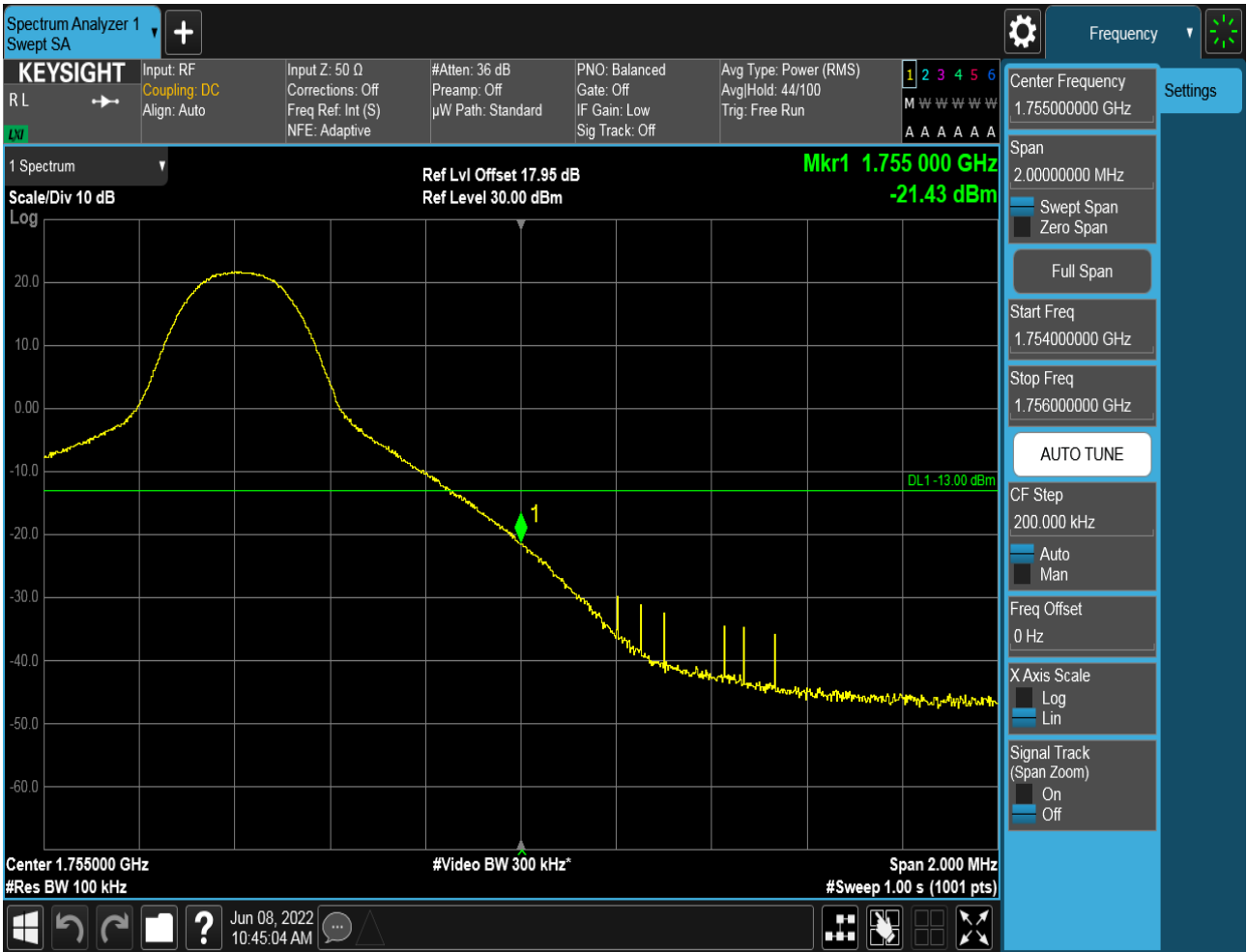
#### 5.1.1.1.4.2.1 Test RB = RB1#0





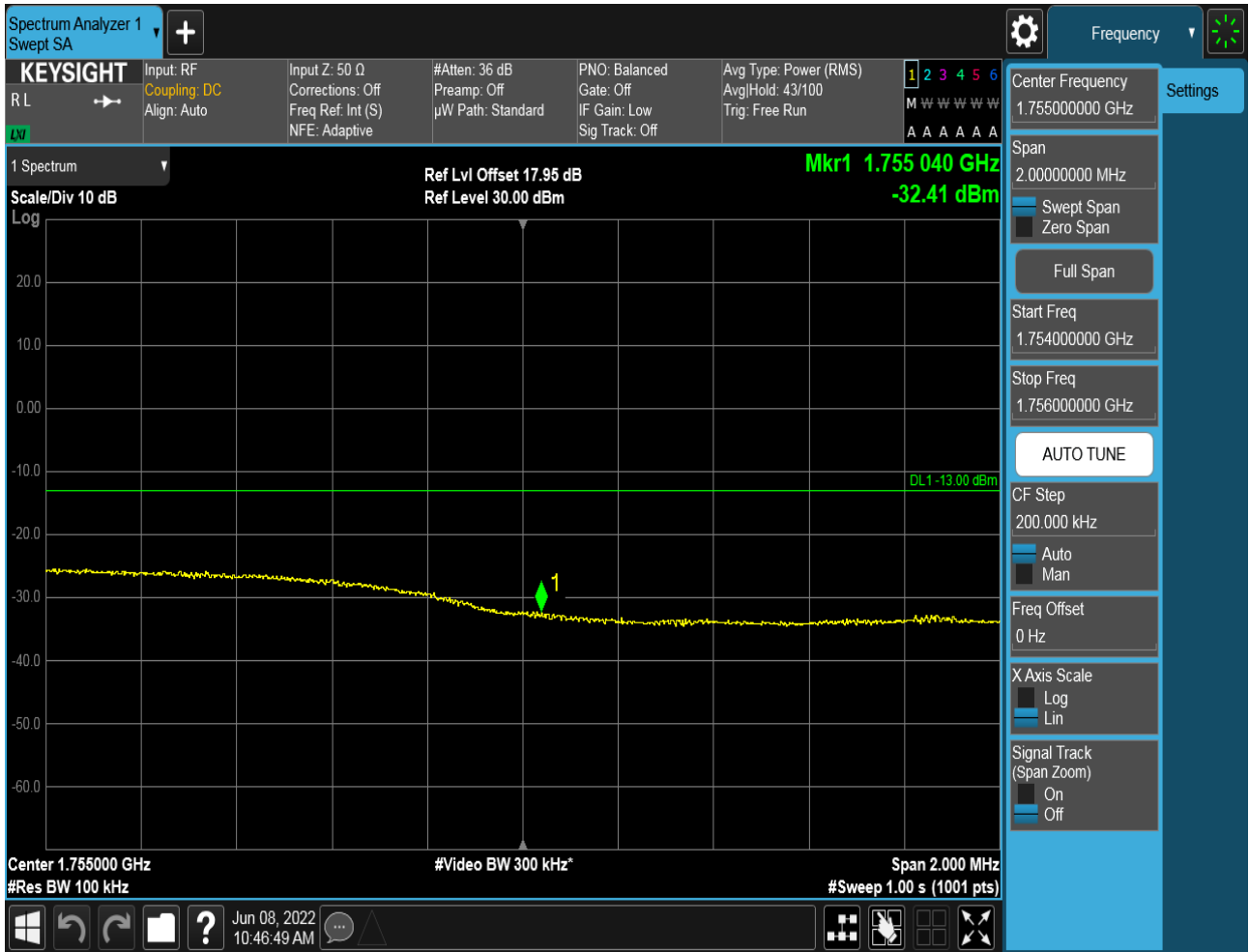


5.1.1.1.4.2.2 Test RB = RB1#49





### 5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

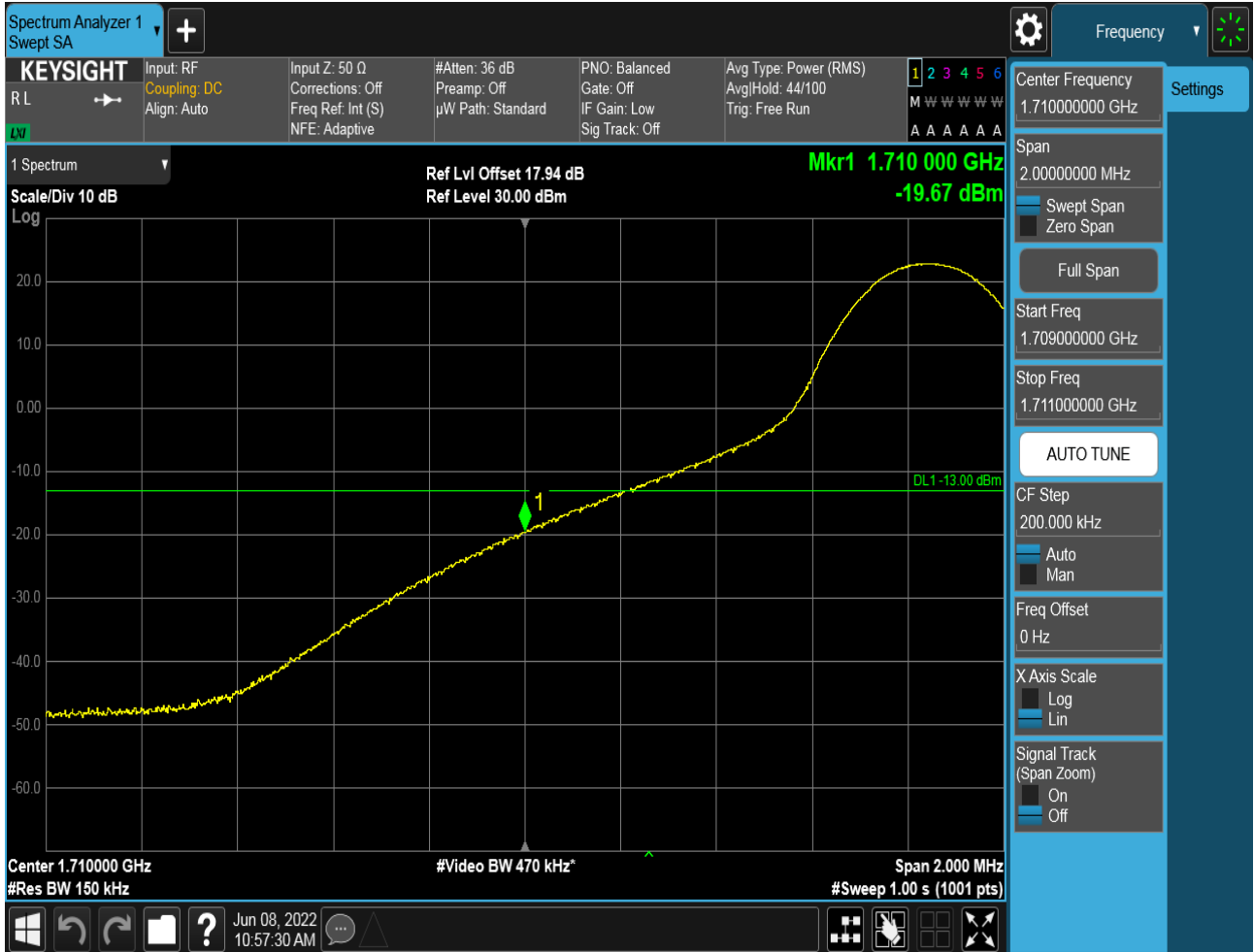




### 5.1.1.1.5 Test Bandwidth = 15MHz

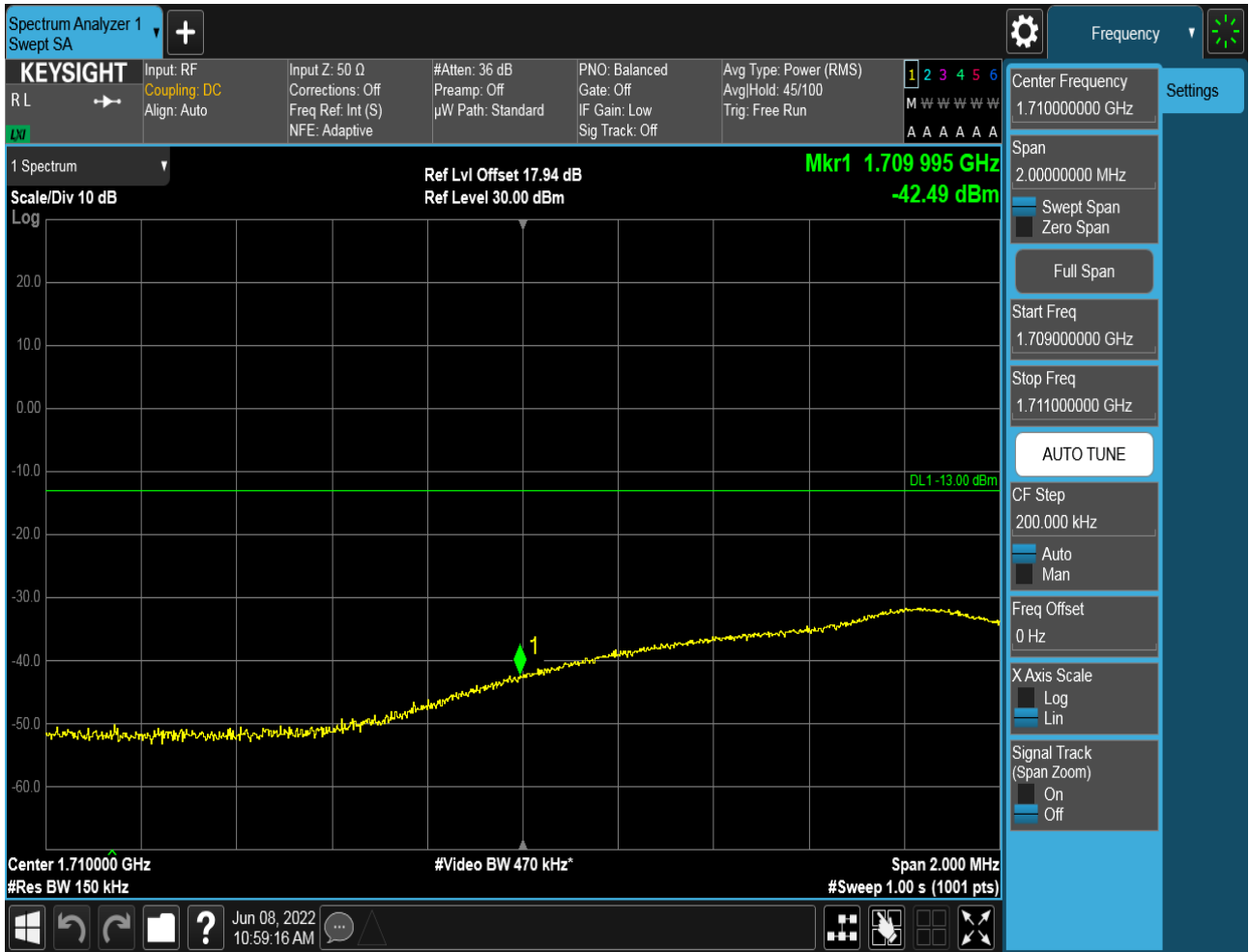
#### 5.1.1.1.5.1 Test Channel = LCH

##### 5.1.1.1.5.1.1 Test RB = RB1#0





### 5.1.1.1.5.1.2 Test RB = RB1#74





### 5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





### 5.1.1.1.5.2 Test Channel = HCH

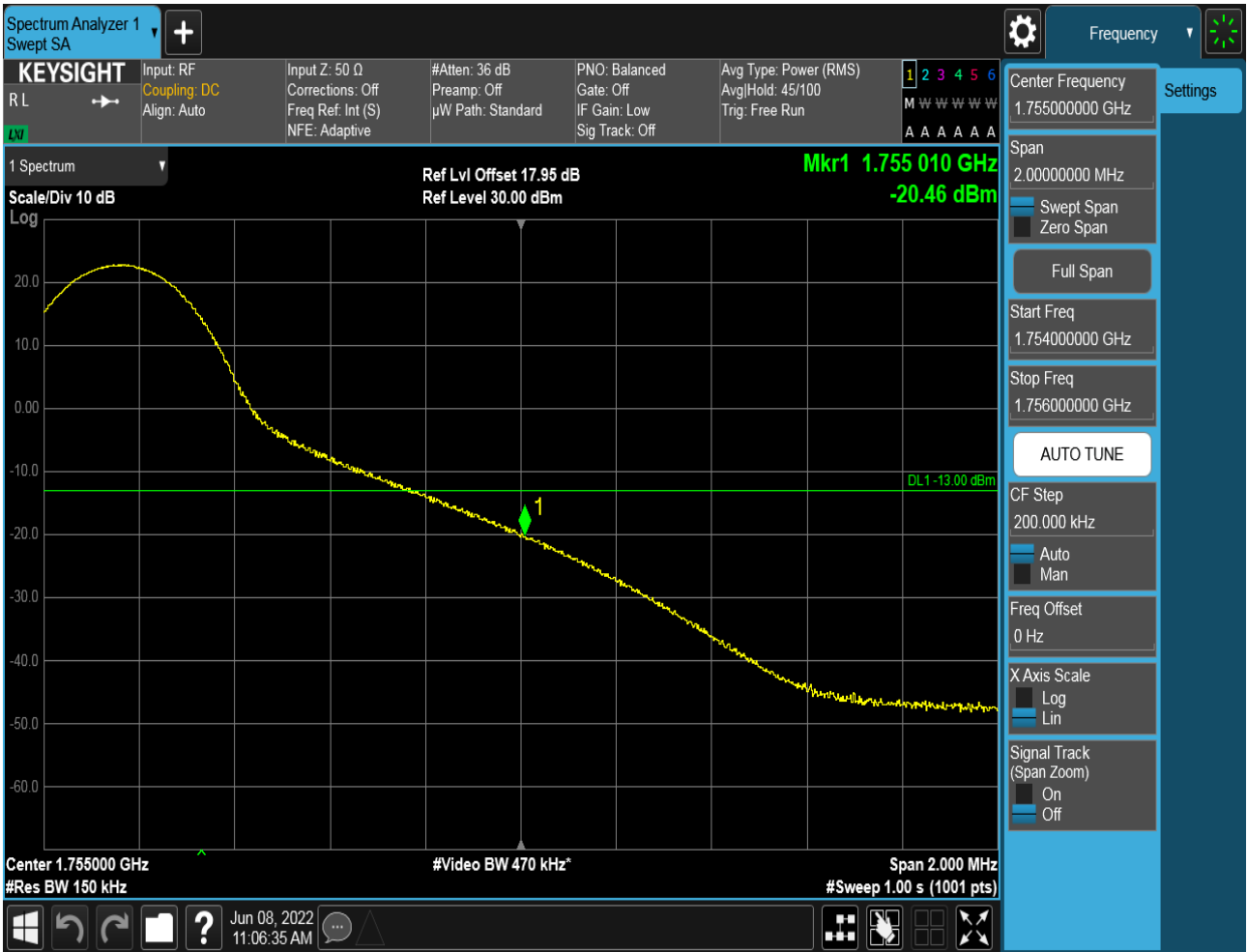
#### 5.1.1.1.5.2.1 Test RB = RB1#0





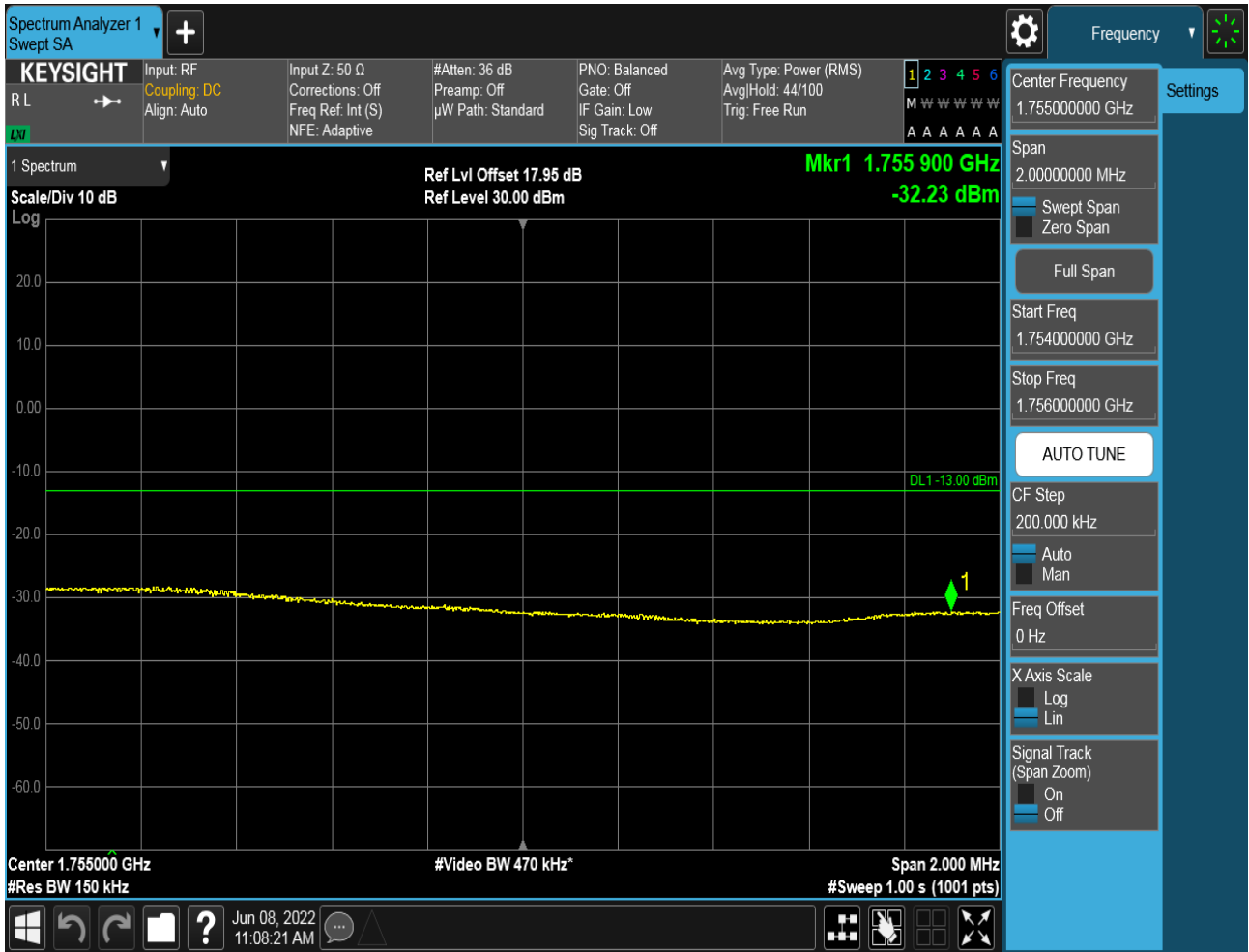


5.1.1.1.5.2.2 Test RB = RB1#74





### 5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

