



# 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
Band66	LTE/TM1	1.4	LCH	RB1#0	23.79	23.79	30	PASS
				RB1#3	23.11	23.11	30	PASS
				RB1#5	23.66	23.66	30	PASS
				RB3#0	23.73	23.73	30	PASS
				RB3#2	23.40	23.40	30	PASS
				RB3#3	23.67	23.67	30	PASS
				RB6#0	22.60	22.60	30	PASS
			MCH	RB1#0	23.86	23.86	30	PASS
				RB1#3	23.39	23.39	30	PASS
				RB1#5	23.82	23.82	30	PASS
				RB3#0	23.80	23.80	30	PASS
				RB3#2	23.62	23.62	30	PASS
				RB3#3	23.61	23.61	30	PASS
				RB6#0	22.60	22.60	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.36	23.36	30	PASS
				RB1#3	23.18	23.18	30	PASS
				RB1#5	23.36	23.36	30	PASS
				RB3#0	23.34	23.34	30	PASS
				RB3#2	23.06	23.06	30	PASS
				RB3#3	23.31	23.31	30	PASS
				RB6#0	22.34	22.34	30	PASS
		3	LCH	RB1#0	23.71	23.71	30	PASS
				RB1#7	23.64	23.64	30	PASS
				RB1#14	23.82	23.82	30	PASS
				RB8#0	22.64	22.64	30	PASS
				RB8#4	22.65	22.65	30	PASS
				RB8#7	22.58	22.58	30	PASS
		MCH	RB1#0	23.70	23.70	30	PASS	
			RB1#7	23.37	23.37	30	PASS	
			RB1#14	23.84	23.84	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.78	22.78	30	PASS
				RB8#4	22.79	22.79	30	PASS
				RB8#7	22.75	22.75	30	PASS
				RB15#0	22.76	22.76	30	PASS
			HCH	RB1#0	23.32	23.32	30	PASS
				RB1#7	23.56	23.56	30	PASS
				RB1#14	23.31	23.31	30	PASS
				RB8#0	22.24	22.24	30	PASS
				RB8#4	22.32	22.32	30	PASS
				RB8#7	22.41	22.41	30	PASS
				RB15#0	22.32	22.32	30	PASS
				5	LCH	RB1#0	23.67	23.67
		RB1#13	23.86			23.86	30	PASS
		RB1#24	23.81			23.81	30	PASS
		RB12#0	22.72			22.72	30	PASS
		RB12#6	22.83			22.83	30	PASS
		RB12#13	22.88			22.88	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.72	22.72	30	PASS
			MCH	RB1#0	23.81	23.81	30	PASS
				RB1#13	23.78	23.78	30	PASS
				RB1#24	23.79	23.79	30	PASS
				RB12#0	22.84	22.84	30	PASS
				RB12#6	22.77	22.77	30	PASS
				RB12#13	22.78	22.78	30	PASS
				RB25#0	22.78	22.78	30	PASS
				HCH	RB1#0	23.28	23.28	30
			RB1#13		23.33	23.33	30	PASS
			RB1#24		23.32	23.32	30	PASS
			RB12#0		22.34	22.34	30	PASS
			RB12#6		22.28	22.28	30	PASS
			RB12#13		22.34	22.34	30	PASS
			RB25#0		22.32	22.32	30	PASS
		10	LCH	RB1#0	23.70	23.70	30	PASS
				RB1#25	23.56	23.56	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.72	23.72	30	PASS
				RB25#0	22.81	22.81	30	PASS
				RB25#13	22.81	22.81	30	PASS
				RB25#25	22.81	22.81	30	PASS
				RB50#0	22.78	22.78	30	PASS
			MCH	RB1#0	23.70	23.70	30	PASS
				RB1#25	23.43	23.43	30	PASS
				RB1#49	23.75	23.75	30	PASS
				RB25#0	22.80	22.80	30	PASS
				RB25#13	22.77	22.77	30	PASS
				RB25#25	22.75	22.75	30	PASS
				RB50#0	22.76	22.76	30	PASS
			HCH	RB1#0	23.49	23.49	30	PASS
				RB1#25	23.15	23.15	30	PASS
				RB1#49	23.27	23.27	30	PASS
				RB25#0	22.36	22.36	30	PASS
				RB25#13	22.31	22.31	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.34	22.34	30	PASS
				RB50#0	22.28	22.28	30	PASS
		15	LCH	RB1#0	23.61	23.61	30	PASS
				RB1#38	23.83	23.83	30	PASS
				RB1#74	23.60	23.60	30	PASS
				RB38#0	22.81	22.81	30	PASS
				RB38#19	22.78	22.78	30	PASS
				RB38#39	22.73	22.73	30	PASS
				RB75#0	22.79	22.79	30	PASS
				MCH	RB1#0	23.58	23.58	30
			RB1#38		23.77	23.77	30	PASS
			RB1#74		23.53	23.53	30	PASS
			RB38#0		22.74	22.74	30	PASS
			RB38#19		22.75	22.75	30	PASS
			HCH	RB38#39	22.76	22.76	30	PASS
RB75#0	22.72	22.72		30	PASS			
		HCH	RB1#0	23.43	23.43	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.46	23.46	30	PASS
				RB1#74	23.19	23.19	30	PASS
				RB38#0	22.66	22.66	30	PASS
				RB38#19	22.47	22.47	30	PASS
				RB38#39	22.32	22.32	30	PASS
				RB75#0	22.42	22.42	30	PASS
		20	LCH	RB1#0	23.56	23.56	30	PASS
				RB1#50	23.15	23.15	30	PASS
				RB1#99	23.67	23.67	30	PASS
				RB50#0	22.77	22.77	30	PASS
				RB50#25	22.81	22.81	30	PASS
				RB50#50	22.71	22.71	30	PASS
				RB100#0	22.75	22.75	30	PASS
				MCH	RB1#0	23.70	23.70	30
		RB1#50	23.21		23.21	30	PASS	
		RB1#99	23.57		23.57	30	PASS	
RB50#0	22.77	22.77	30		PASS			





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.75	22.75	30	PASS
				RB50#50	22.69	22.69	30	PASS
				RB100#0	22.71	22.71	30	PASS
			HCH	RB1#0	23.51	23.51	30	PASS
				RB1#50	23.28	23.28	30	PASS
				RB1#99	23.18	23.18	30	PASS
				RB50#0	22.67	22.67	30	PASS
				RB50#25	22.54	22.54	30	PASS
				RB50#50	22.33	22.33	30	PASS
				RB100#0	22.51	22.51	30	PASS
			LCH	RB1#0	22.96	22.96	30	PASS
				RB1#3	22.39	22.39	30	PASS
				RB1#5	22.93	22.93	30	PASS
				RB3#0	22.69	22.69	30	PASS
RB3#2	22.62	22.62		30	PASS			
RB3#3	22.44	22.44		30	PASS			
RB6#0	21.62	21.62		30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.91	22.91	30	PASS
				RB1#3	22.84	22.84	30	PASS
				RB1#5	23.04	23.04	30	PASS
				RB3#0	22.85	22.85	30	PASS
				RB3#2	22.63	22.63	30	PASS
				RB3#3	22.73	22.73	30	PASS
			RB6#0	21.77	21.77	30	PASS	
			HCH	RB1#0	22.73	22.73	30	PASS
				RB1#3	22.47	22.47	30	PASS
				RB1#5	22.47	22.47	30	PASS
				RB3#0	22.45	22.45	30	PASS
				RB3#2	22.15	22.15	30	PASS
		RB3#3		22.40	22.40	30	PASS	
		3	LCH	RB1#0	23.30	23.30	30	PASS
				RB1#7	22.60	22.60	30	PASS
				RB1#14	22.98	22.98	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.63	21.63	30	PASS
				RB8#4	21.73	21.73	30	PASS
				RB8#7	21.73	21.73	30	PASS
				RB15#0	21.72	21.72	30	PASS
			MCH	RB1#0	22.98	22.98	30	PASS
				RB1#7	22.27	22.27	30	PASS
				RB1#14	22.77	22.77	30	PASS
				RB8#0	21.75	21.75	30	PASS
				RB8#4	21.70	21.70	30	PASS
				RB8#7	21.72	21.72	30	PASS
				RB15#0	21.70	21.70	30	PASS
			HCH	RB1#0	22.37	22.37	30	PASS
				RB1#7	21.71	21.71	30	PASS
				RB1#14	22.39	22.39	30	PASS
				RB8#0	21.34	21.34	30	PASS
				RB8#4	21.18	21.18	30	PASS
				RB8#7	21.40	21.40	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.38	21.38	30	PASS
		5	LCH	RB1#0	23.12	23.12	30	PASS
				RB1#13	23.18	23.18	30	PASS
				RB1#24	23.18	23.18	30	PASS
				RB12#0	21.85	21.85	30	PASS
				RB12#6	21.79	21.79	30	PASS
				RB12#13	21.80	21.80	30	PASS
				RB25#0	21.80	21.80	30	PASS
				MCH	RB1#0	23.08	23.08	30
			RB1#13		23.06	23.06	30	PASS
			RB1#24		23.10	23.10	30	PASS
			RB12#0		21.84	21.84	30	PASS
			RB12#6		21.85	21.85	30	PASS
			RB12#13		21.86	21.86	30	PASS
			RB25#0		21.72	21.72	30	PASS
			HCH	RB1#0	22.52	22.52	30	PASS
				RB1#13	22.51	22.51	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	22.50	22.50	30	PASS	
				RB12#0	21.44	21.44	30	PASS	
				RB12#6	21.32	21.32	30	PASS	
				RB12#13	21.42	21.42	30	PASS	
				RB25#0	21.25	21.25	30	PASS	
				LCH	RB1#0	22.81	22.81	30	PASS
					RB1#25	22.55	22.55	30	PASS
					RB1#49	22.93	22.93	30	PASS
					RB25#0	21.76	21.76	30	PASS
					RB25#13	21.79	21.79	30	PASS
		RB25#25	21.75		21.75	30	PASS		
		RB50#0	21.72		21.72	30	PASS		
		MCH	RB1#0		22.92	22.92	30	PASS	
			RB1#25		22.51	22.51	30	PASS	
			RB1#49	22.89	22.89	30	PASS		
			RB25#0	21.77	21.77	30	PASS		
			RB25#13	21.76	21.76	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.71	21.71	30	PASS
				RB50#0	21.68	21.68	30	PASS
			HCH	RB1#0	22.80	22.80	30	PASS
				RB1#25	22.10	22.10	30	PASS
				RB1#49	22.45	22.45	30	PASS
				RB25#0	21.35	21.35	30	PASS
				RB25#13	21.27	21.27	30	PASS
				RB25#25	21.28	21.28	30	PASS
				RB50#0	21.23	21.23	30	PASS
		15	LCH	RB1#0	22.94	22.94	30	PASS
				RB1#38	23.11	23.11	30	PASS
				RB1#74	23.02	23.02	30	PASS
				RB38#0	21.75	21.75	30	PASS
				RB38#19	21.79	21.79	30	PASS
				RB38#39	21.75	21.75	30	PASS
				RB75#0	21.69	21.69	30	PASS
			MCH	RB1#0	23.01	23.01	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.16	23.16	30	PASS
				RB1#74	23.00	23.00	30	PASS
				RB38#0	21.77	21.77	30	PASS
				RB38#19	21.78	21.78	30	PASS
				RB38#39	21.75	21.75	30	PASS
				RB75#0	21.67	21.67	30	PASS
			HCH	RB1#0	22.85	22.85	30	PASS
				RB1#38	22.71	22.71	30	PASS
				RB1#74	22.45	22.45	30	PASS
				RB38#0	21.62	21.62	30	PASS
				RB38#19	21.49	21.49	30	PASS
				RB38#39	21.28	21.28	30	PASS
		LCH	RB1#0	22.70	22.70	30	PASS	
			RB1#50	22.60	22.60	30	PASS	
			RB1#99	22.85	22.85	30	PASS	
			RB50#0	21.65	21.65	30	PASS	
		20						

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.67	21.67	30	PASS
				RB50#50	21.63	21.63	30	PASS
				RB100#0	21.68	21.68	30	PASS
			MCH	RB1#0	22.97	22.97	30	PASS
				RB1#50	22.85	22.85	30	PASS
				RB1#99	22.87	22.87	30	PASS
				RB50#0	21.69	21.69	30	PASS
				RB50#25	21.66	21.66	30	PASS
				RB50#50	21.66	21.66	30	PASS
				RB100#0	21.63	21.63	30	PASS
			HCH	RB1#0	22.86	22.86	30	PASS
				RB1#50	22.42	22.42	30	PASS
				RB1#99	22.47	22.47	30	PASS
				RB50#0	21.63	21.63	30	PASS
				RB50#25	21.48	21.48	30	PASS
RB50#50	21.26	21.26		30	PASS			
RB100#0	21.44	21.44		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:

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

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

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

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
Band66	LTE/TM1	1.4	LCH	RB1#0	4.83	13	PASS
				RB1#3	4.82	13	PASS
				RB1#5	5.42	13	PASS
				RB3#0	5.66	13	PASS
				RB3#2	5.49	13	PASS
				RB3#3	5.63	13	PASS
			RB6#0	5.83	13	PASS	
			MCH	RB1#0	5.65	13	PASS
				RB1#3	5.81	13	PASS
				RB1#5	5.34	13	PASS
				RB3#0	5.51	13	PASS
				RB3#2	5.52	13	PASS
		RB3#3		5.53	13	PASS	
		HCH	RB6#0	6.08	13	PASS	
			RB1#0	5.11	13	PASS	
			RB1#3	5.07	13	PASS	
			RB1#5	5.12	13	PASS	
			RB3#0	5.81	13	PASS	
			RB3#2	5.57	13	PASS	
		3	LCH	RB3#3	5.65	13	PASS
				RB6#0	6.15	13	PASS
				RB1#0	5.32	13	PASS
				RB1#7	5.11	13	PASS
				RB1#14	5.81	13	PASS
RB8#0	5.79			13	PASS		
MCH	RB8#4		5.70	13	PASS		
	RB8#7		5.63	13	PASS		
	RB15#0		5.88	13	PASS		
	RB1#0		5.37	13	PASS		
	RB1#7		5.02	13	PASS		
	RB1#14		5.00	13	PASS		
RB8#0	5.90	13	PASS				
RB8#4	5.75	13	PASS				
RB8#7	5.87	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	5.96	13	PASS
				RB1#0	4.29	13	PASS
				RB1#7	4.21	13	PASS
				RB1#14	5.29	13	PASS
				RB8#0	5.65	13	PASS
				RB8#4	5.56	13	PASS
				RB8#7	5.65	13	PASS
				RB15#0	6.34	13	PASS
		5	LCH	RB1#0	4.83	13	PASS
				RB1#13	4.71	13	PASS
				RB1#24	4.87	13	PASS
				RB12#0	5.79	13	PASS
				RB12#6	5.55	13	PASS
				RB12#13	5.57	13	PASS
				RB25#0	5.98	13	PASS
			MCH	RB1#0	5.09	13	PASS
				RB1#13	5.02	13	PASS
				RB1#24	4.99	13	PASS
				RB12#0	6.16	13	PASS
				RB12#6	5.86	13	PASS
				RB12#13	6.15	13	PASS
			HCH	RB25#0	6.14	13	PASS
				RB1#0	5.04	13	PASS
				RB1#13	4.98	13	PASS
				RB1#24	4.98	13	PASS
		RB12#0		6.06	13	PASS	
		RB12#6		6.00	13	PASS	
		RB12#13		5.99	13	PASS	
		10	LCH	RB25#0	5.87	13	PASS
				RB1#0	5.54	13	PASS
				RB1#25	5.51	13	PASS
				RB1#49	5.35	13	PASS
				RB25#0	6.13	13	PASS
RB25#13	5.99			13	PASS		
RB25#25	6.08			13	PASS		
RB50#0	6.28		13	PASS			
MCH	RB1#0		5.09	13	PASS		
	RB1#25		5.02	13	PASS		
	RB1#49	5.02	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#0	6.18	13	PASS	
				RB25#13	6.20	13	PASS	
				RB25#25	6.23	13	PASS	
				RB50#0	6.36	13	PASS	
			HCH	RB1#0	4.57	13	PASS	
				RB1#25	4.62	13	PASS	
				RB1#49	4.59	13	PASS	
				RB25#0	6.10	13	PASS	
				RB25#13	5.94	13	PASS	
				RB25#25	6.00	13	PASS	
				RB50#0	6.34	13	PASS	
				LCH	RB1#0	5.35	13	PASS
					RB1#38	5.25	13	PASS
		RB1#74	5.44		13	PASS		
		RB38#0	6.19		13	PASS		
		RB38#19	6.08		13	PASS		
		RB38#39	6.15		13	PASS		
		RB75#0	6.35		13	PASS		
		MCH	RB1#0	5.09	13	PASS		
			RB1#38	5.06	13	PASS		
			RB1#74	5.15	13	PASS		
			RB38#0	6.27	13	PASS		
			RB38#19	6.25	13	PASS		
			RB38#39	6.38	13	PASS		
			RB75#0	6.53	13	PASS		
		HCH	RB1#0	4.93	13	PASS		
			RB1#38	4.89	13	PASS		
			RB1#74	4.98	13	PASS		
			RB38#0	6.27	13	PASS		
			RB38#19	6.16	13	PASS		
			RB38#39	6.33	13	PASS		
			RB75#0	6.47	13	PASS		
		20	LCH	RB1#0	5.12	13	PASS	
RB1#50	5.09			13	PASS			
RB1#99	5.26			13	PASS			
RB50#0	6.08			13	PASS			
RB50#25	6.09			13	PASS			
RB50#50	6.20			13	PASS			
RB100#0	6.36			13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2		MCH	RB1#0	5.23	13	PASS
				RB1#50	5.29	13	PASS
				RB1#99	5.18	13	PASS
				RB50#0	6.33	13	PASS
				RB50#25	6.25	13	PASS
				RB50#50	6.42	13	PASS
				RB100#0	6.52	13	PASS
			HCH	RB1#0	5.14	13	PASS
				RB1#50	5.01	13	PASS
				RB1#99	5.14	13	PASS
				RB50#0	6.34	13	PASS
				RB50#25	6.25	13	PASS
				RB50#50	6.39	13	PASS
				RB100#0	6.44	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.92	13	PASS
				RB1#3	5.76	13	PASS
				RB1#5	5.61	13	PASS
				RB3#0	6.25	13	PASS
				RB3#2	6.43	13	PASS
				RB3#3	6.33	13	PASS
				RB6#0	6.76	13	PASS
			MCH	RB1#0	5.79	13	PASS
				RB1#3	5.32	13	PASS
				RB1#5	5.42	13	PASS
				RB3#0	6.49	13	PASS
				RB3#2	6.42	13	PASS
				RB3#3	6.37	13	PASS
				RB6#0	6.56	13	PASS
		HCH	RB1#0	6.07	13	PASS	
			RB1#3	5.64	13	PASS	
			RB1#5	6.02	13	PASS	
			RB3#0	6.70	13	PASS	
RB3#2			6.59	13	PASS		
RB3#3			6.56	13	PASS		
RB6#0			6.47	13	PASS		
3	LCH	RB1#0	5.24	13	PASS		
		RB1#7	5.29	13	PASS		
		RB1#14	5.61	13	PASS		
		RB8#0	6.57	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
		5		RB8#4	6.48	13	PASS			
				RB8#7	6.61	13	PASS			
				RB15#0	6.96	13	PASS			
			MCH	RB1#0	5.77	13	PASS			
				RB1#7	5.90	13	PASS			
				RB1#14	5.69	13	PASS			
				RB8#0	6.59	13	PASS			
				RB8#4	6.60	13	PASS			
				RB8#7	6.58	13	PASS			
			HCH	RB15#0	6.47	13	PASS			
				RB1#0	5.61	13	PASS			
				RB1#7	5.73	13	PASS			
				RB1#14	5.62	13	PASS			
				RB8#0	6.62	13	PASS			
				RB8#4	6.61	13	PASS			
			10	LCH	5		RB8#7	6.67	13	PASS
							RB15#0	6.56	13	PASS
							RB1#0	5.25	13	PASS
		RB1#13					5.36	13	PASS	
		RB1#24					5.47	13	PASS	
		RB12#0					6.56	13	PASS	
		MCH		RB12#6	6.38	13	PASS			
				RB12#13	6.40	13	PASS			
				RB25#0	6.75	13	PASS			
				RB1#0	5.85	13	PASS			
				RB1#13	5.82	13	PASS			
				RB1#24	5.86	13	PASS			
		HCH	RB12#0	6.75	13	PASS				
			RB12#6	6.57	13	PASS				
			RB12#13	6.69	13	PASS				
RB25#0	6.90		13	PASS						
RB1#0	5.71		13	PASS						
RB1#13	5.66		13	PASS						
LCH	RB1#24	5.66	13	PASS						
	RB12#0	6.31	13	PASS						
	RB12#6	6.33	13	PASS						
	RB12#13	6.45	13	PASS						
	RB25#0	6.97	13	PASS						
	RB1#0	5.28	13	PASS						



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
		15		RB1#25	5.11	13	PASS	
				RB1#49	5.16	13	PASS	
				RB25#0	6.70	13	PASS	
				RB25#13	6.68	13	PASS	
				RB25#25	6.75	13	PASS	
				RB50#0	6.96	13	PASS	
			MCH	RB1#0	5.84	13	PASS	
				RB1#25	5.88	13	PASS	
				RB1#49	6.11	13	PASS	
				RB25#0	6.78	13	PASS	
				RB25#13	6.72	13	PASS	
				RB25#25	6.84	13	PASS	
			HCH	RB50#0	6.85	13	PASS	
				RB1#0	5.89	13	PASS	
				RB1#25	5.92	13	PASS	
				RB1#49	5.85	13	PASS	
				RB25#0	6.84	13	PASS	
				RB25#13	6.70	13	PASS	
			15	LCH	RB25#25	6.87	13	PASS
					RB50#0	6.86	13	PASS
					RB1#0	5.59	13	PASS
		RB1#38			5.32	13	PASS	
		RB1#74			5.44	13	PASS	
		RB38#0			6.71	13	PASS	
		MCH		RB38#19	6.62	13	PASS	
				RB38#39	6.78	13	PASS	
				RB75#0	7.08	13	PASS	
				RB1#0	6.10	13	PASS	
				RB1#38	6.19	13	PASS	
				RB1#74	6.42	13	PASS	
		HCH		RB38#0	6.94	13	PASS	
				RB38#19	6.87	13	PASS	
				RB38#39	7.02	13	PASS	
			RB75#0	7.26	13	PASS		
			RB38#19	6.72	13	PASS		
					HCH	RB1#0	6.05	13
			HCH	RB1#38	5.87	13	PASS	
			HCH	RB1#74	6.07	13	PASS	
			HCH	RB38#0	6.77	13	PASS	
			HCH	RB38#19	6.72	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#39	6.81	13	PASS	
				RB75#0	7.14	13	PASS	
		20	LCH	RB1#0	5.51	13	PASS	
				RB1#50	5.65	13	PASS	
				RB1#99	5.60	13	PASS	
				RB50#0	6.76	13	PASS	
				RB50#25	6.73	13	PASS	
				RB50#50	6.89	13	PASS	
				RB100#0	7.31	13	PASS	
				MCH	RB1#0	5.48	13	PASS
					RB1#50	5.66	13	PASS
			RB1#99		5.66	13	PASS	
			RB50#0		6.89	13	PASS	
			RB50#25		6.91	13	PASS	
			RB50#50		7.01	13	PASS	
			HCH	RB100#0	7.19	13	PASS	
				RB1#0	5.93	13	PASS	
				RB1#50	5.98	13	PASS	
				RB1#99	5.67	13	PASS	
				RB50#0	6.89	13	PASS	
		RB50#25		6.85	13	PASS		
				RB50#50	6.95	13	PASS	
				RB100#0	7.20	13	PASS	





### 3Appendix\_C: Modulation Characteristics

#### Part I - Test Plots

##### 3.1 For LTE

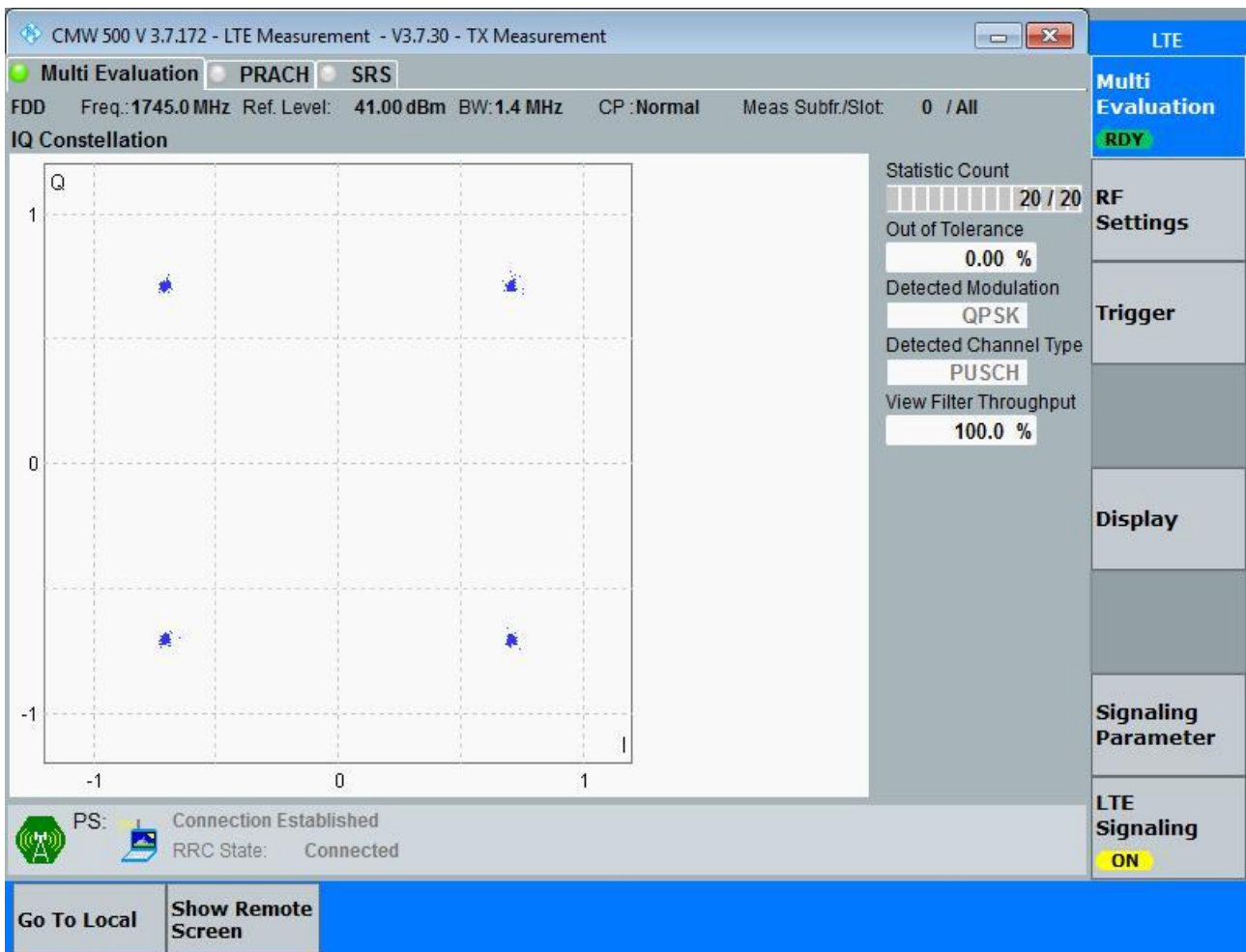
##### 3.1.1 Test Band = Band66

##### 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

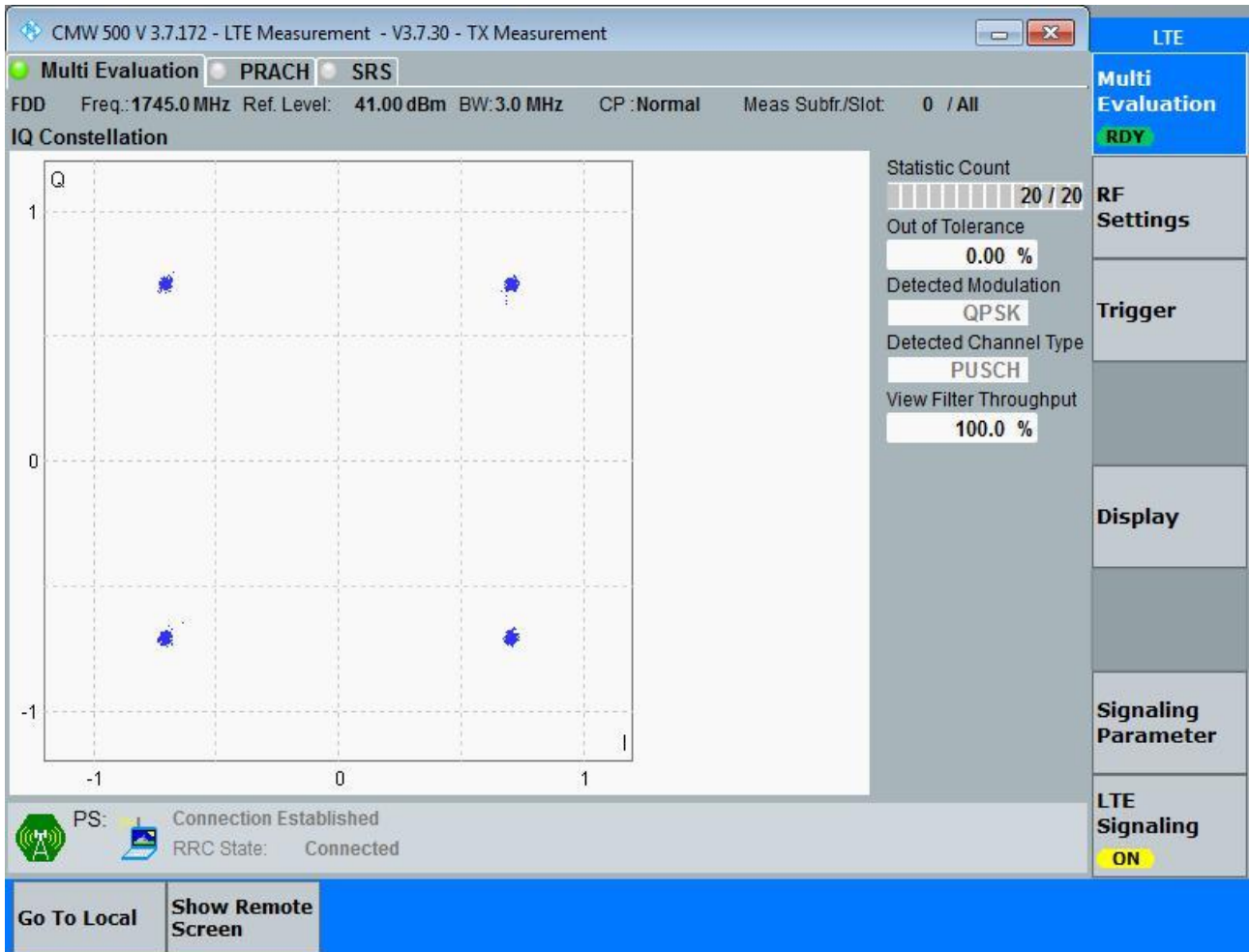




### 3.1.1.1.2 Test Bandwidth = 3MHz

#### 3.1.1.1.2.1 Test Channel = MCH

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

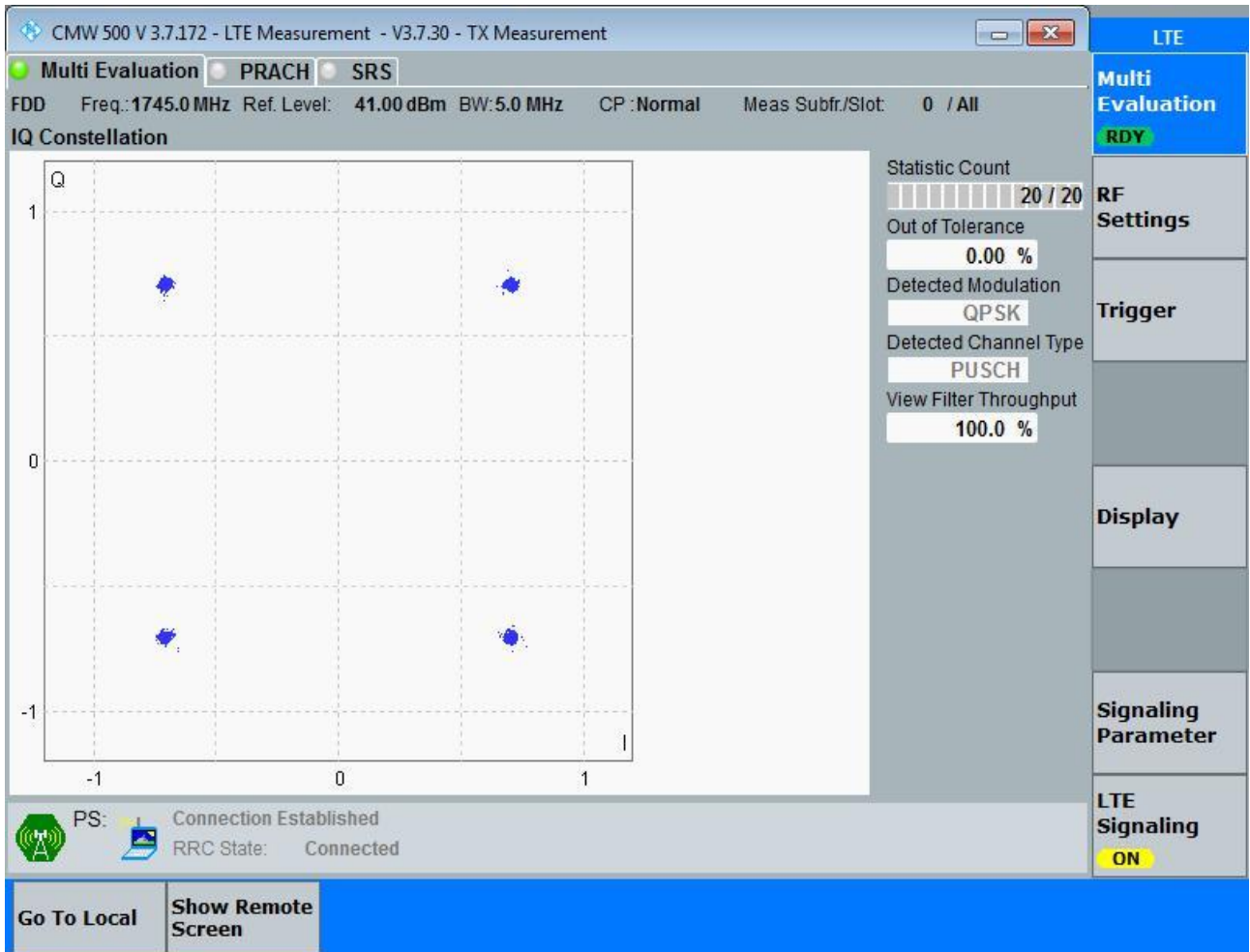




### 3.1.1.1.3 Test Bandwidth = 5MHz

#### 3.1.1.1.3.1 Test Channel = MCH

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

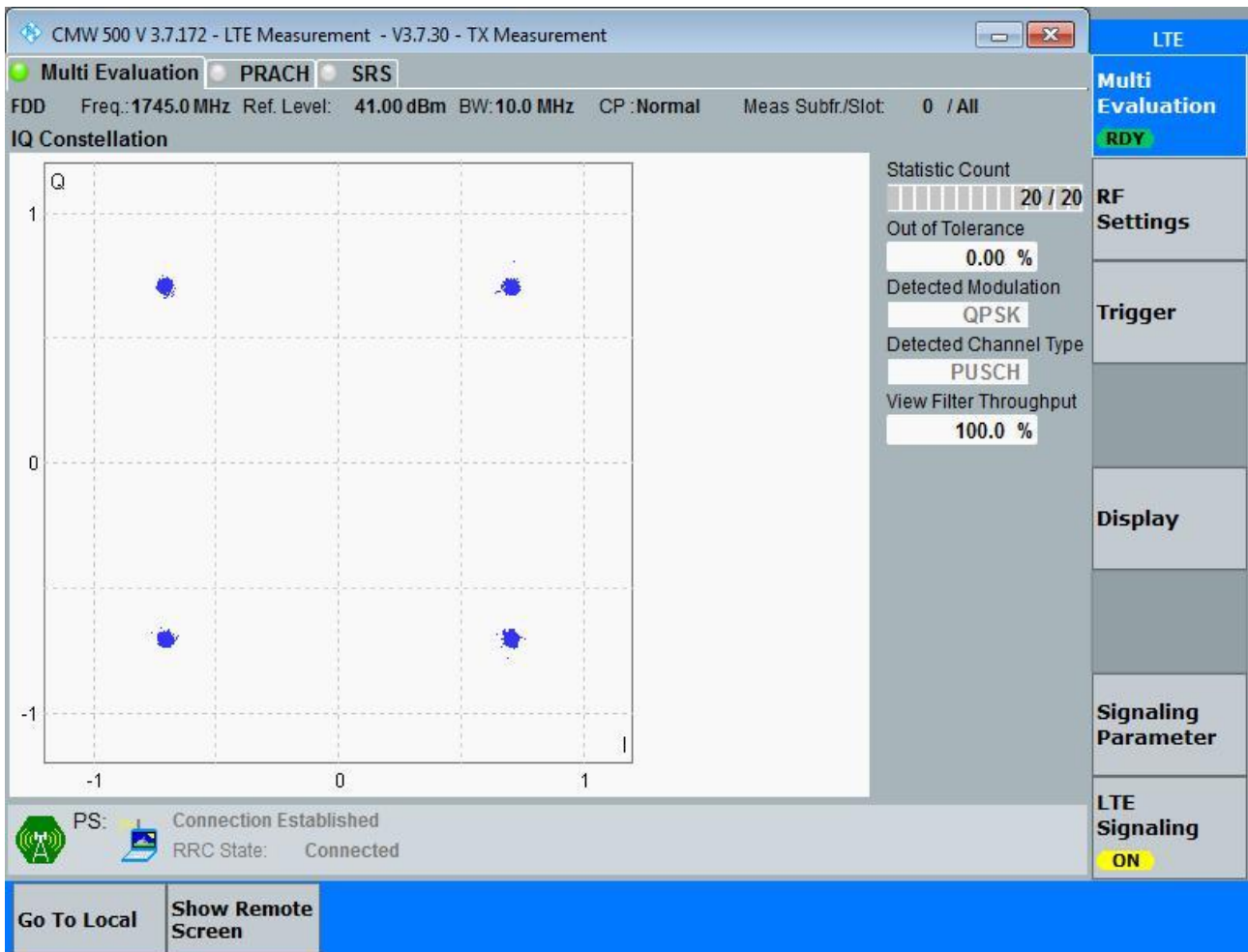




### 3.1.1.1.4 Test Bandwidth = 10MHz

#### 3.1.1.1.4.1 Test Channel = MCH

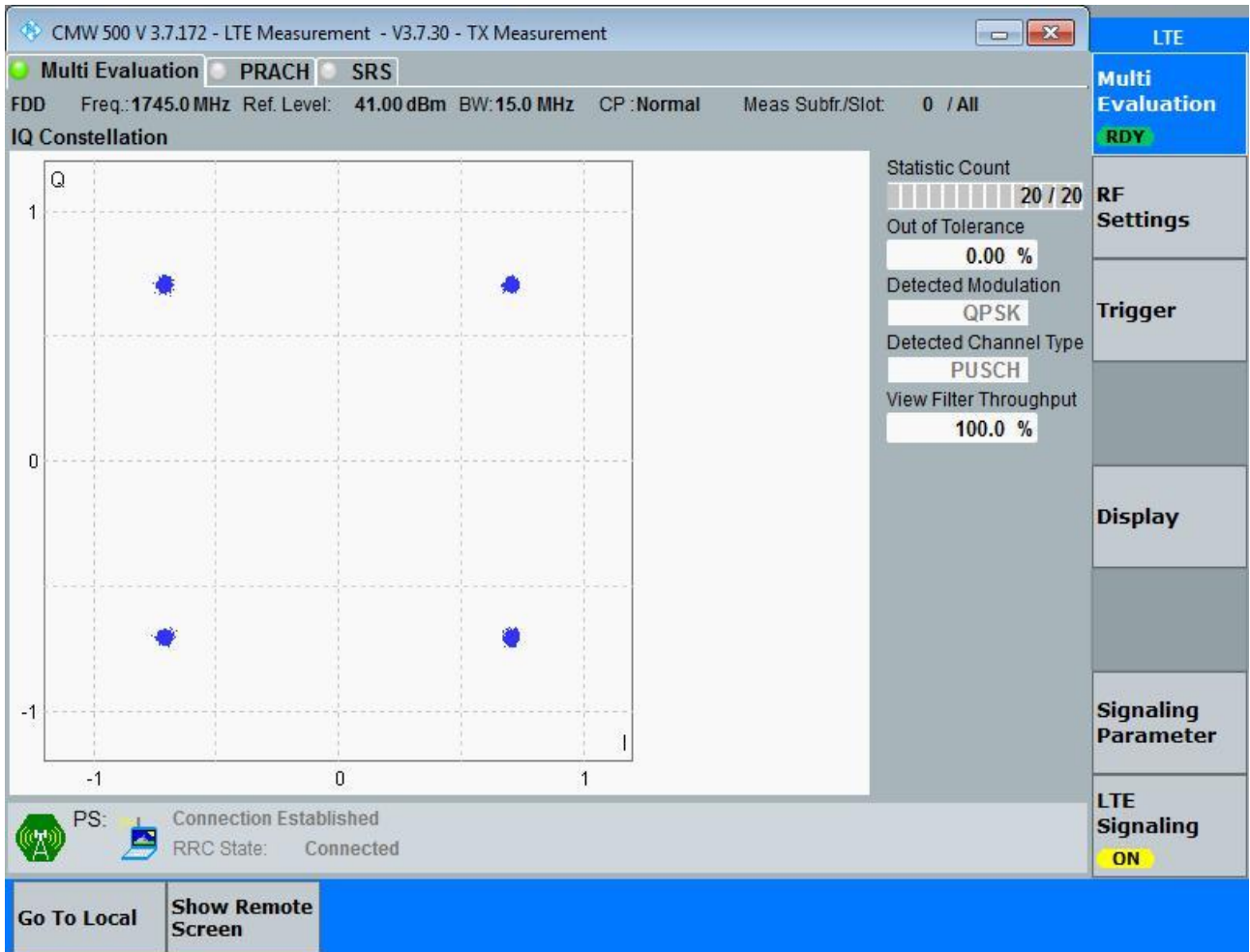
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15MHz

#### 3.1.1.1.5.1 Test Channel = MCH

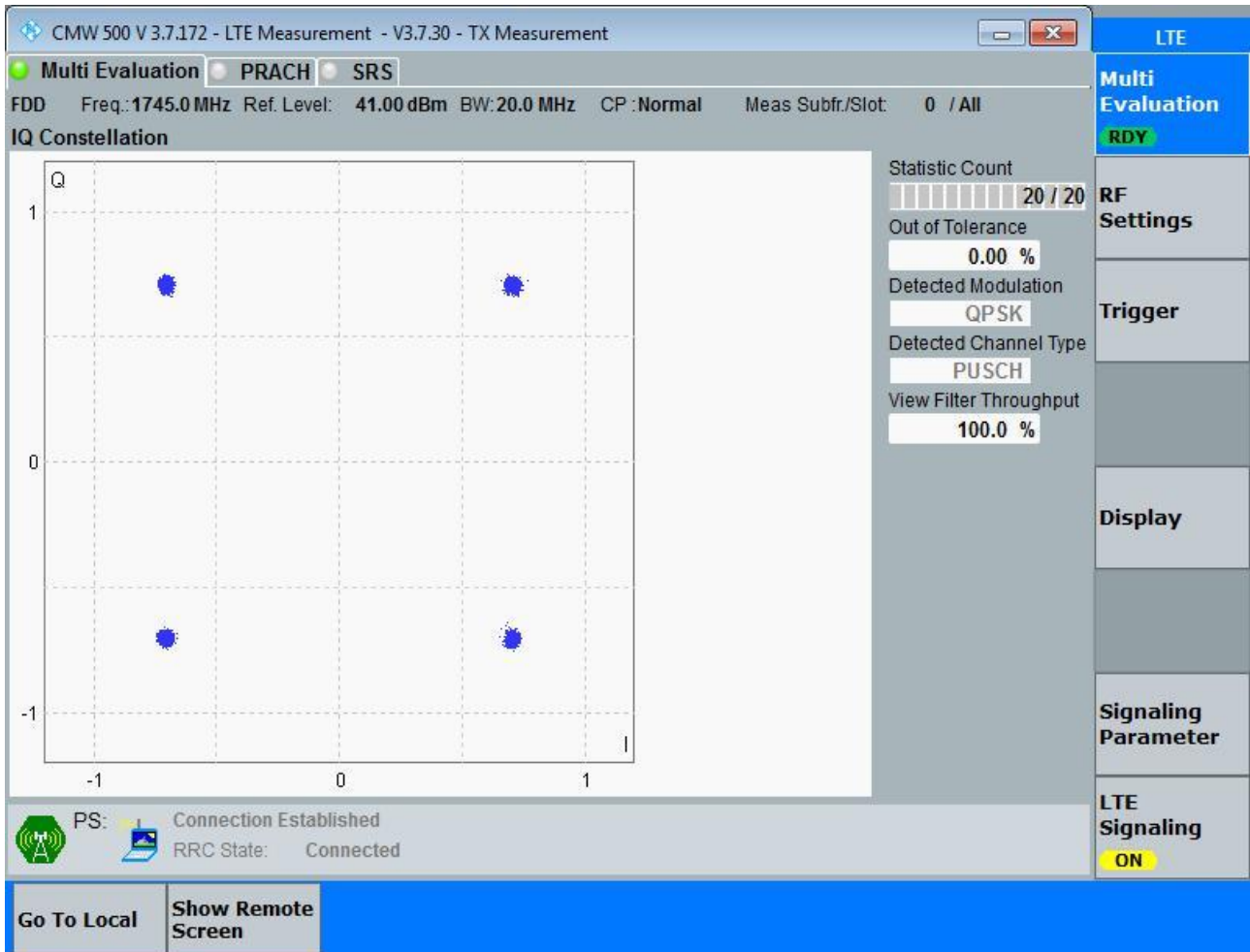
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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



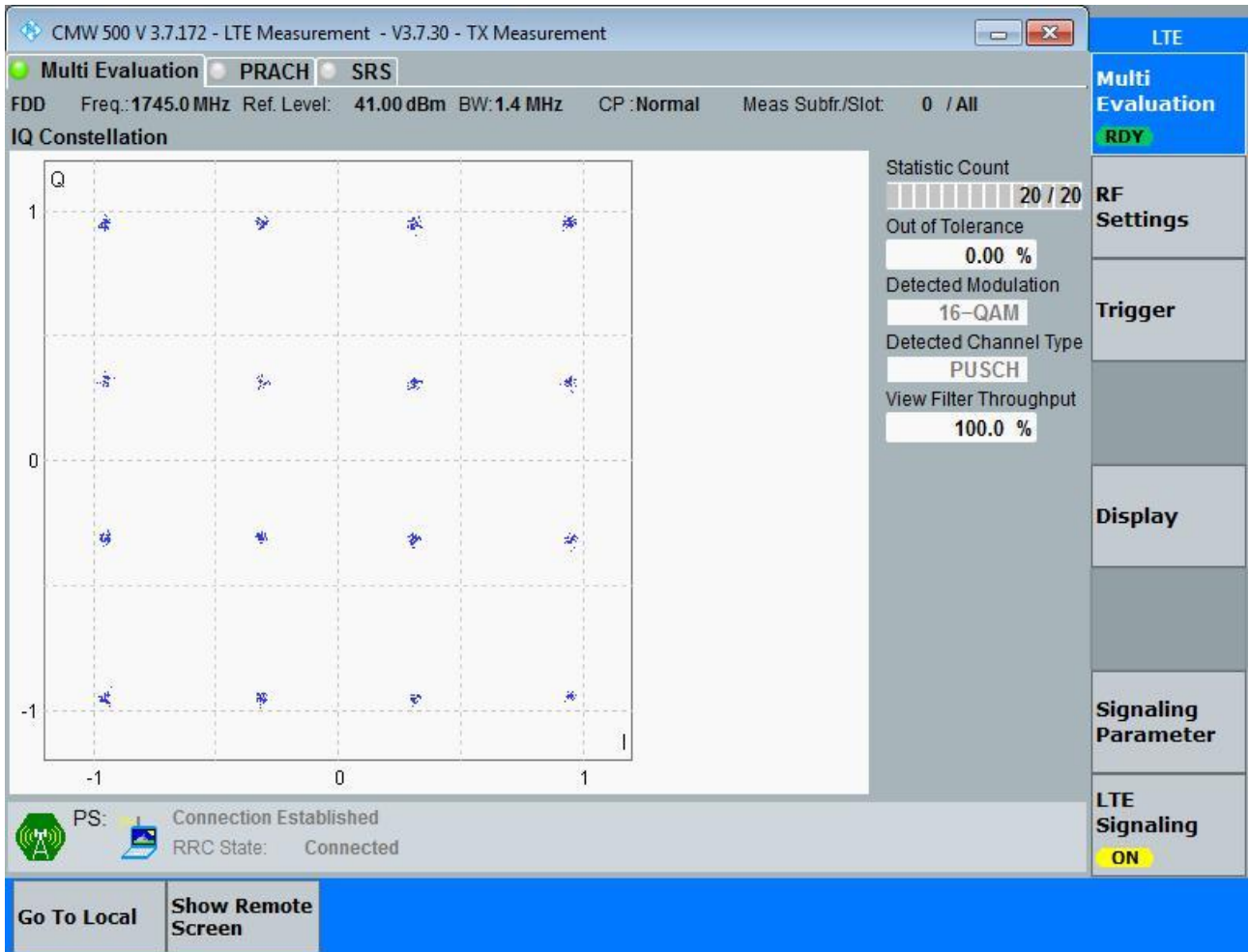


### 3.1.1.2 Test Mode = LTE/TM2

#### 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

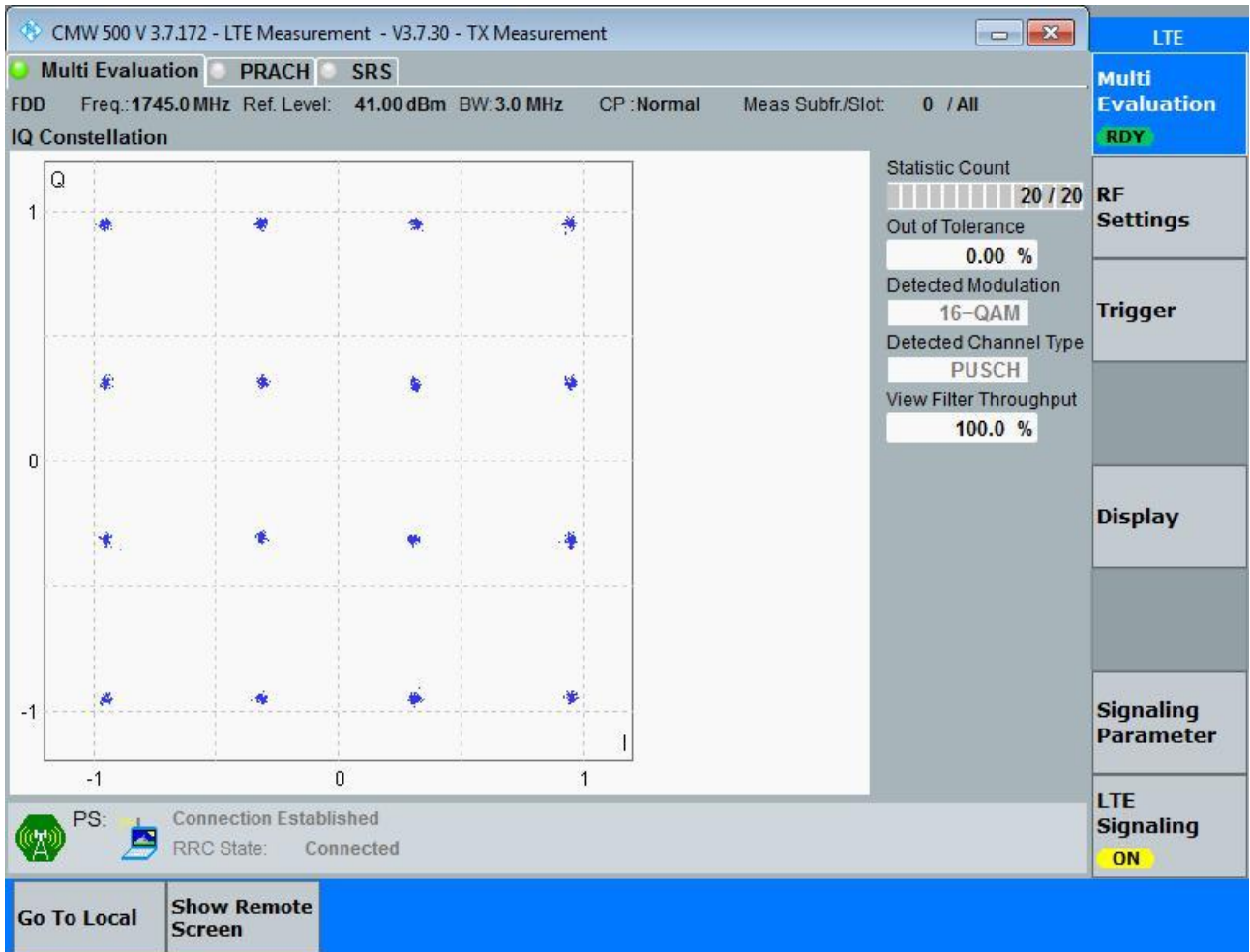




### 3.1.1.2.2 Test Bandwidth = 3MHz

#### 3.1.1.2.2.1 Test Channel = MCH

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



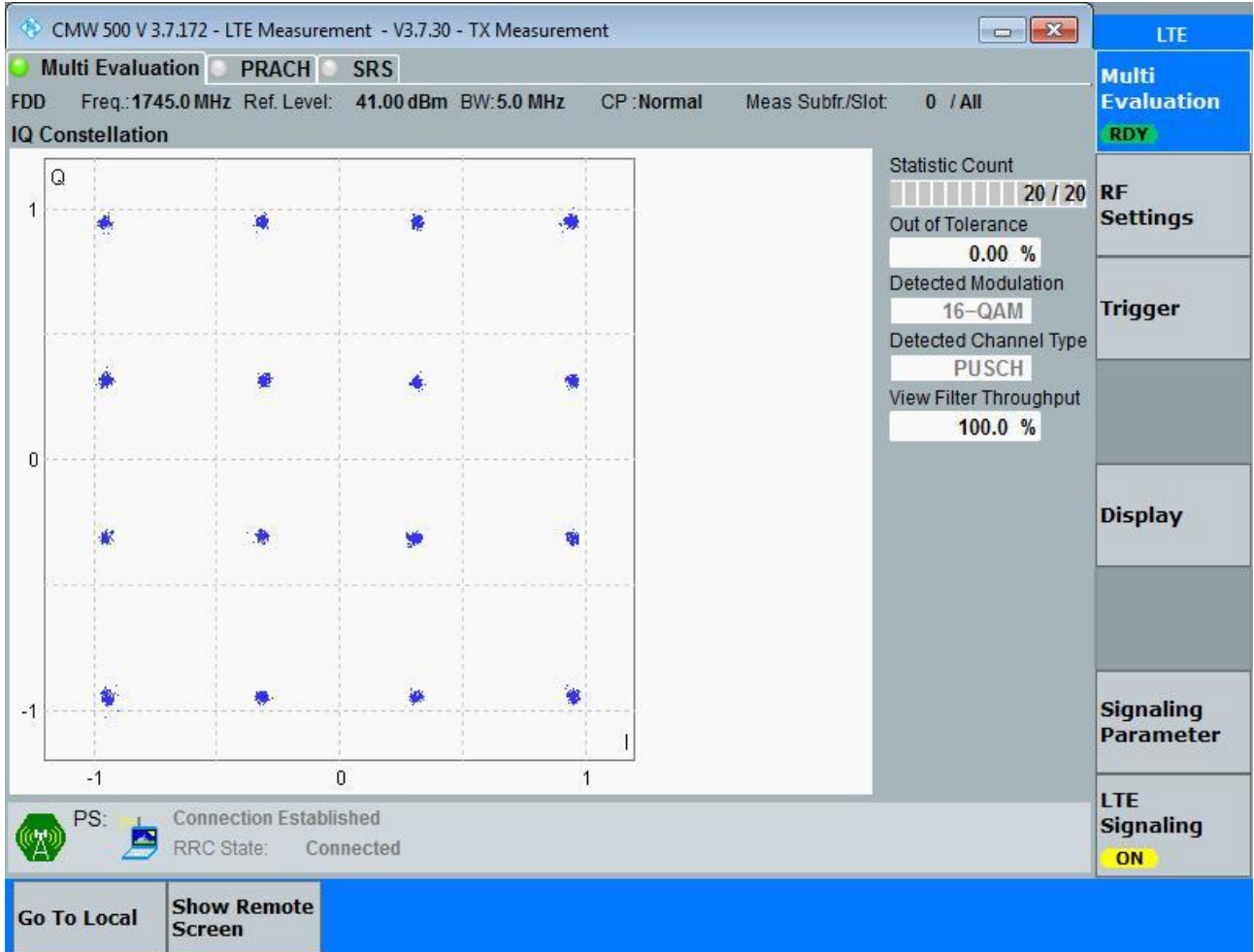




### 3.1.1.2.3 Test Bandwidth = 5MHz

#### 3.1.1.2.3.1 Test Channel = MCH

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

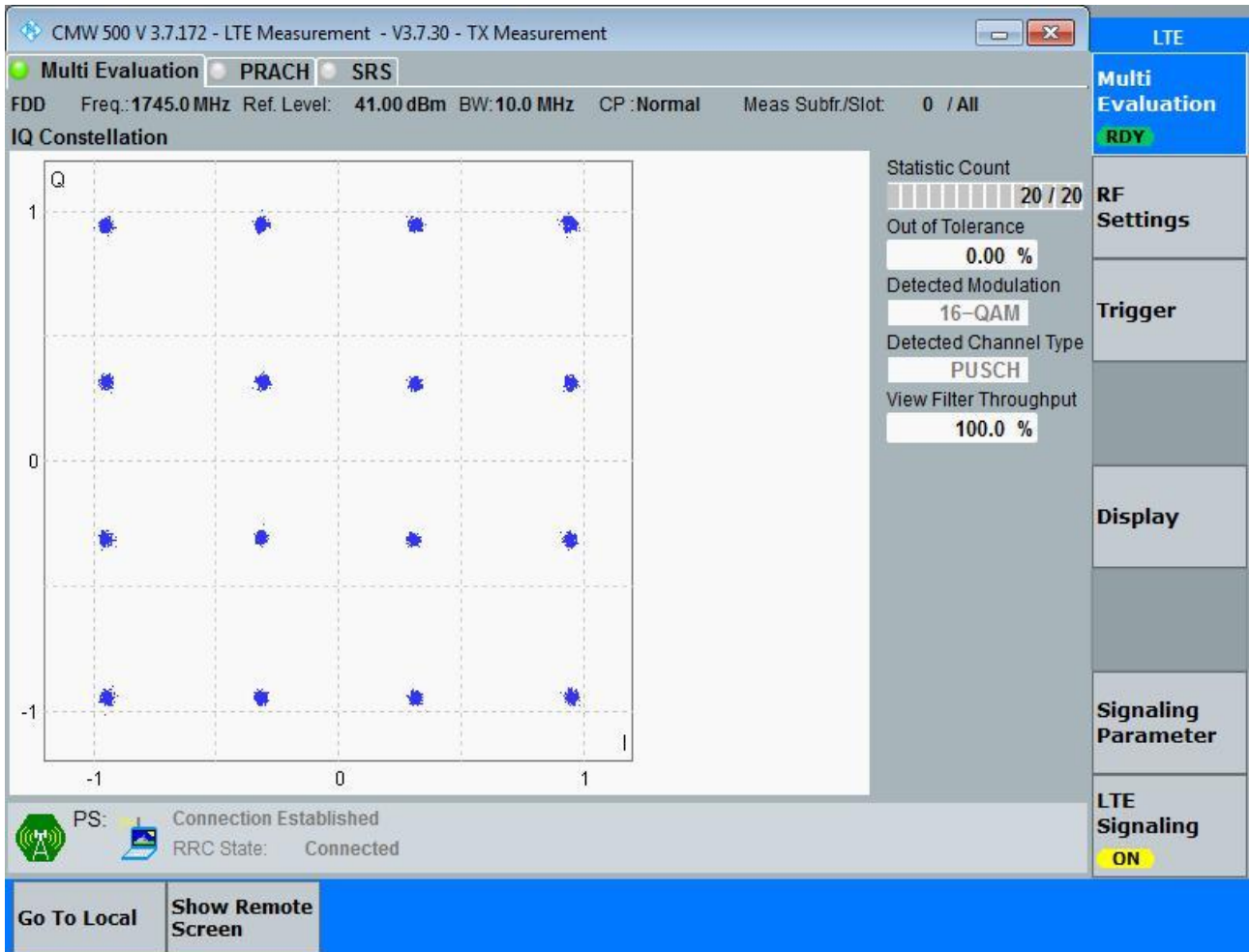




### 3.1.1.2.4 Test Bandwidth = 10MHz

#### 3.1.1.2.4.1 Test Channel = MCH

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

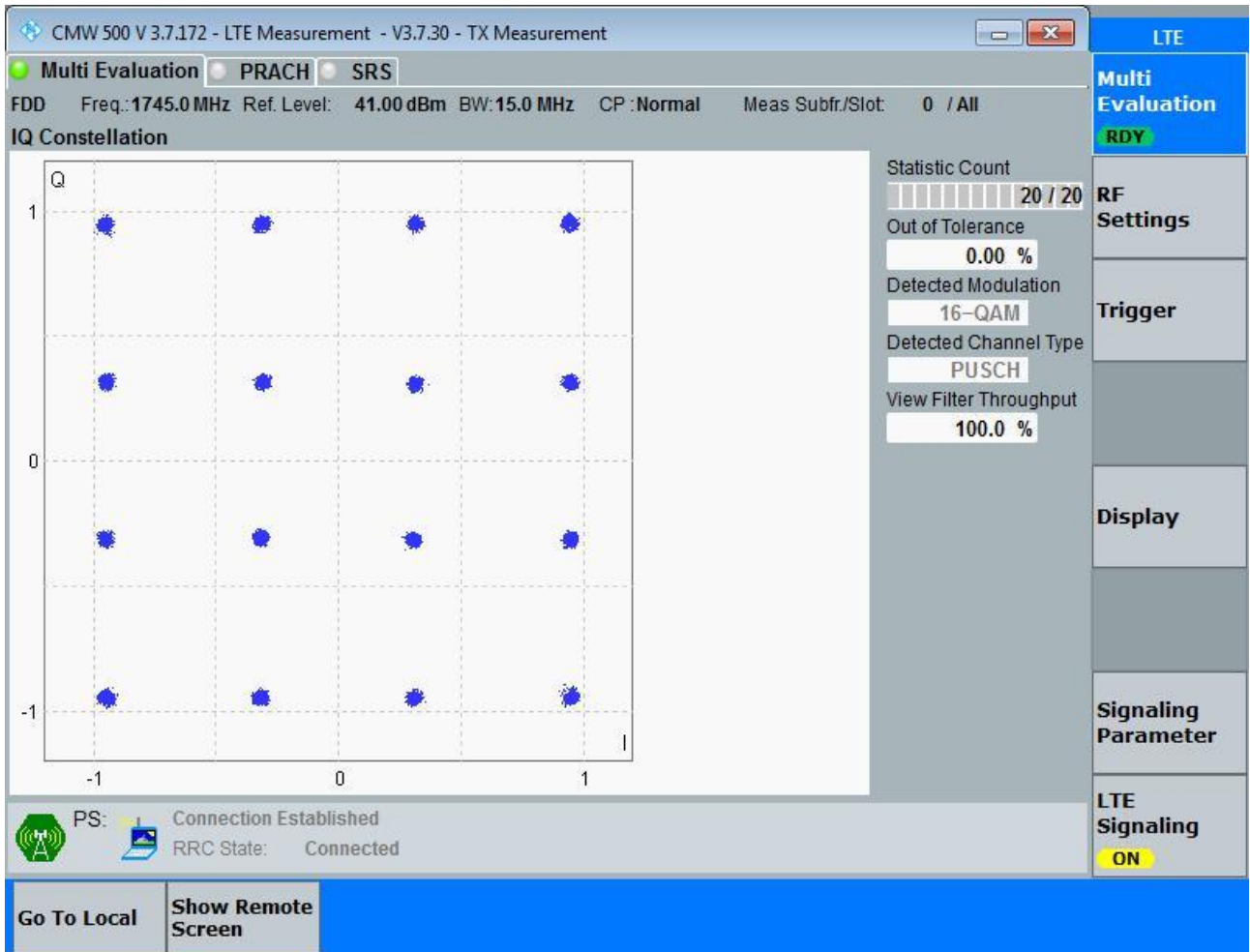




### 3.1.1.2.5 Test Bandwidth = 15MHz

#### 3.1.1.2.5.1 Test Channel = MCH

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

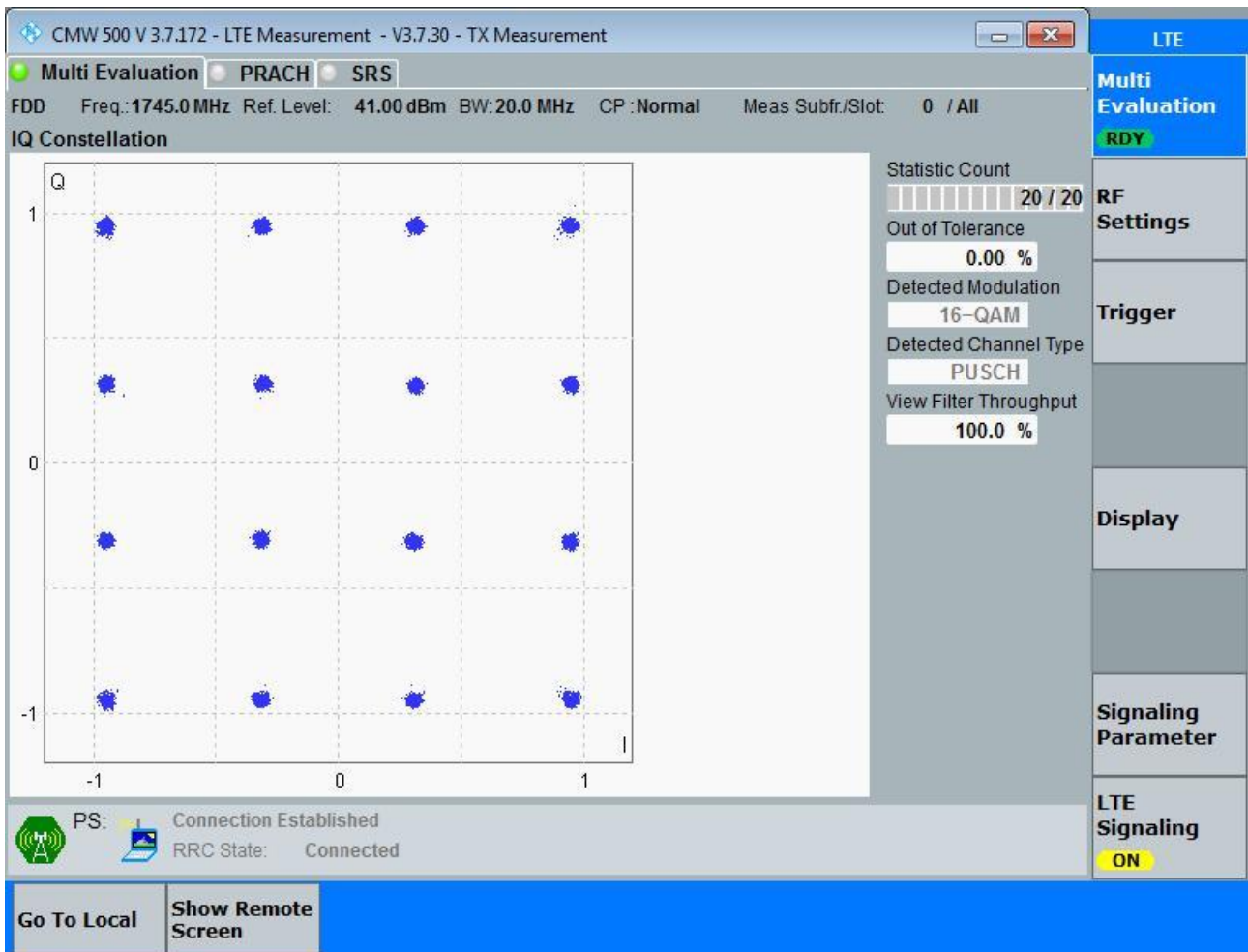




### 3.1.1.2.6 Test Bandwidth = 20MHz

#### 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
Band66	LTE/TM1	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.72	2.98	Pass
		5	LCH	RB25#0	4.51	4.94	Pass
			MCH	RB25#0	4.50	4.97	Pass
			HCH	RB25#0	4.53	4.98	Pass
		10	LCH	RB50#0	9.00	9.88	Pass
			MCH	RB50#0	9.01	9.89	Pass
			HCH	RB50#0	9.01	9.90	Pass
		15	LCH	RB75#0	13.48	14.86	Pass
			MCH	RB75#0	13.51	14.85	Pass
			HCH	RB75#0	13.53	14.98	Pass
		20	LCH	RB100#0	18.01	19.68	Pass
			MCH	RB100#0	18.01	19.67	Pass
			HCH	RB100#0	18.00	19.65	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.72	2.99	Pass
			HCH	RB15#0	2.71	3.00	Pass
		5	LCH	RB25#0	4.53	4.96	Pass
			MCH	RB25#0	4.51	4.94	Pass
			HCH	RB25#0	4.51	4.98	Pass
10		LCH	RB50#0	9.00	9.89	Pass	
		MCH	RB50#0	9.00	9.90	Pass	
		HCH	RB50#0	9.02	9.90	Pass	
15		LCH	RB75#0	13.50	14.95	Pass	
		MCH	RB75#0	13.50	14.79	Pass	
		HCH	RB75#0	13.49	14.91	Pass	
20		LCH	RB100#0	18.01	19.84	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	17.97	19.66	Pass
			HCH	RB100#0	18.01	19.70	Pass



### Part II - Test Plots

#### 4.1 For LTE

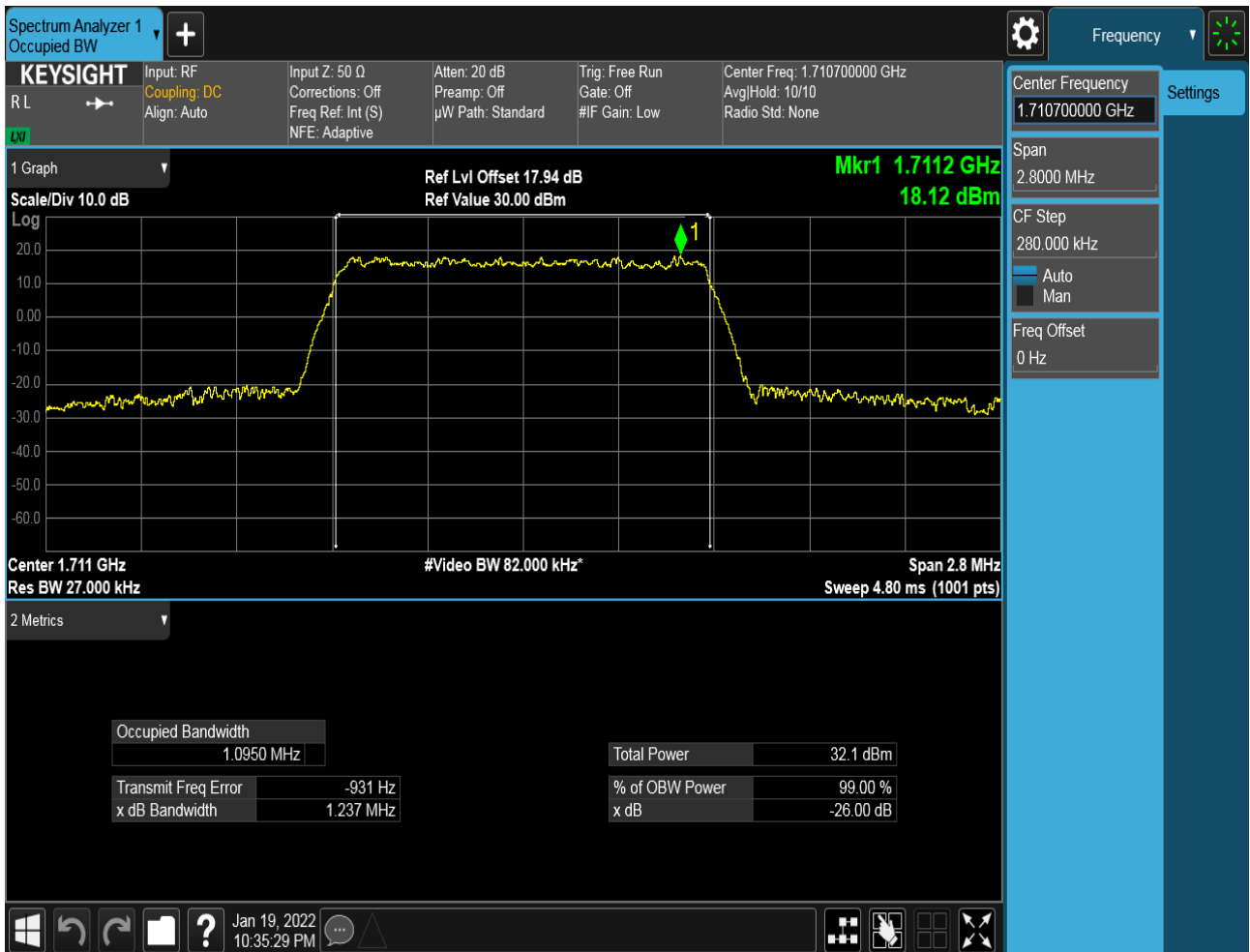
##### 4.1.1 Test Band = Band66

##### 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

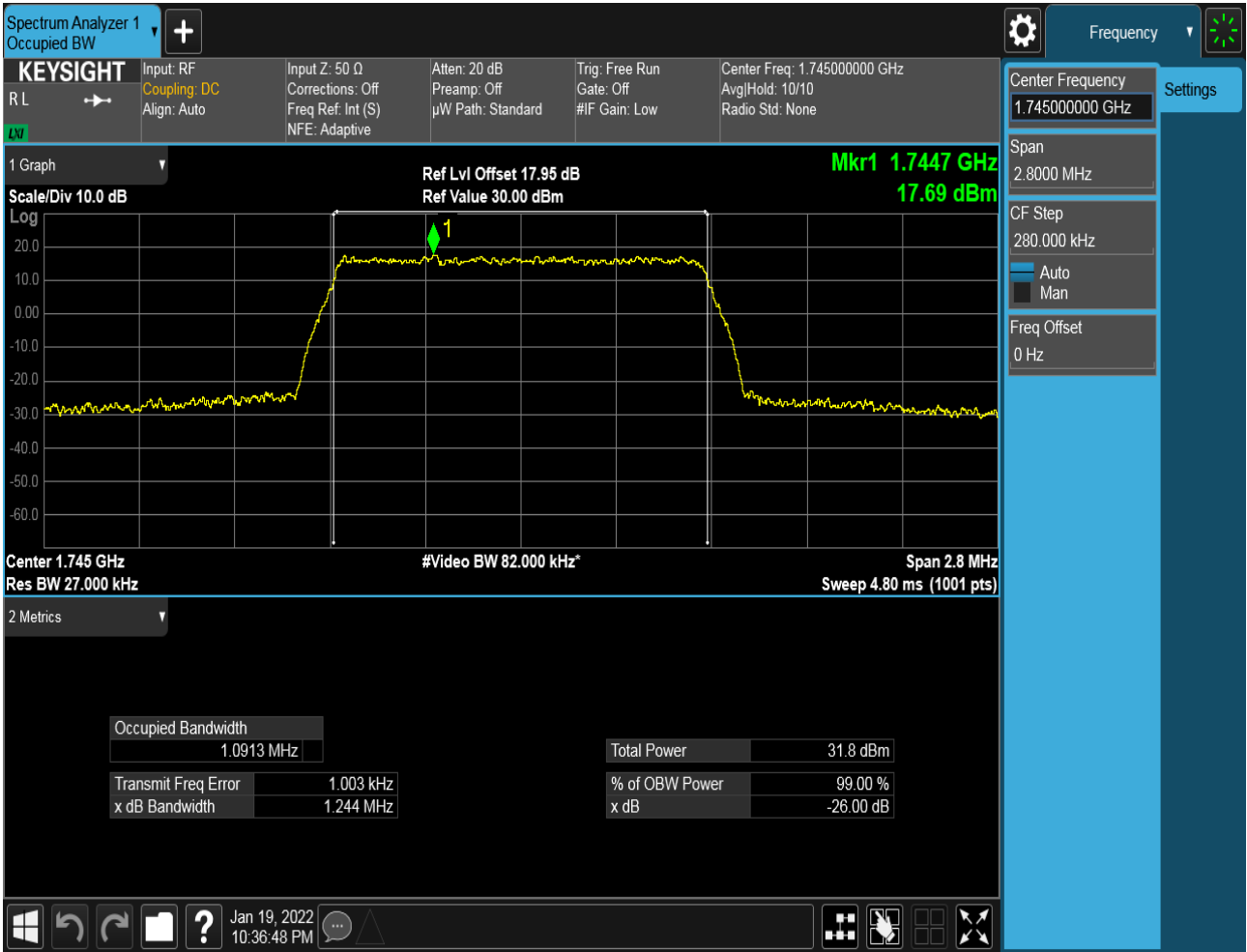
##### 4.1.1.1.1.1.1 Test RB = RB6#0





### 4.1.1.1.1.2 Test Channel = MCH

#### 4.1.1.1.1.2.1 Test RB = RB6#0

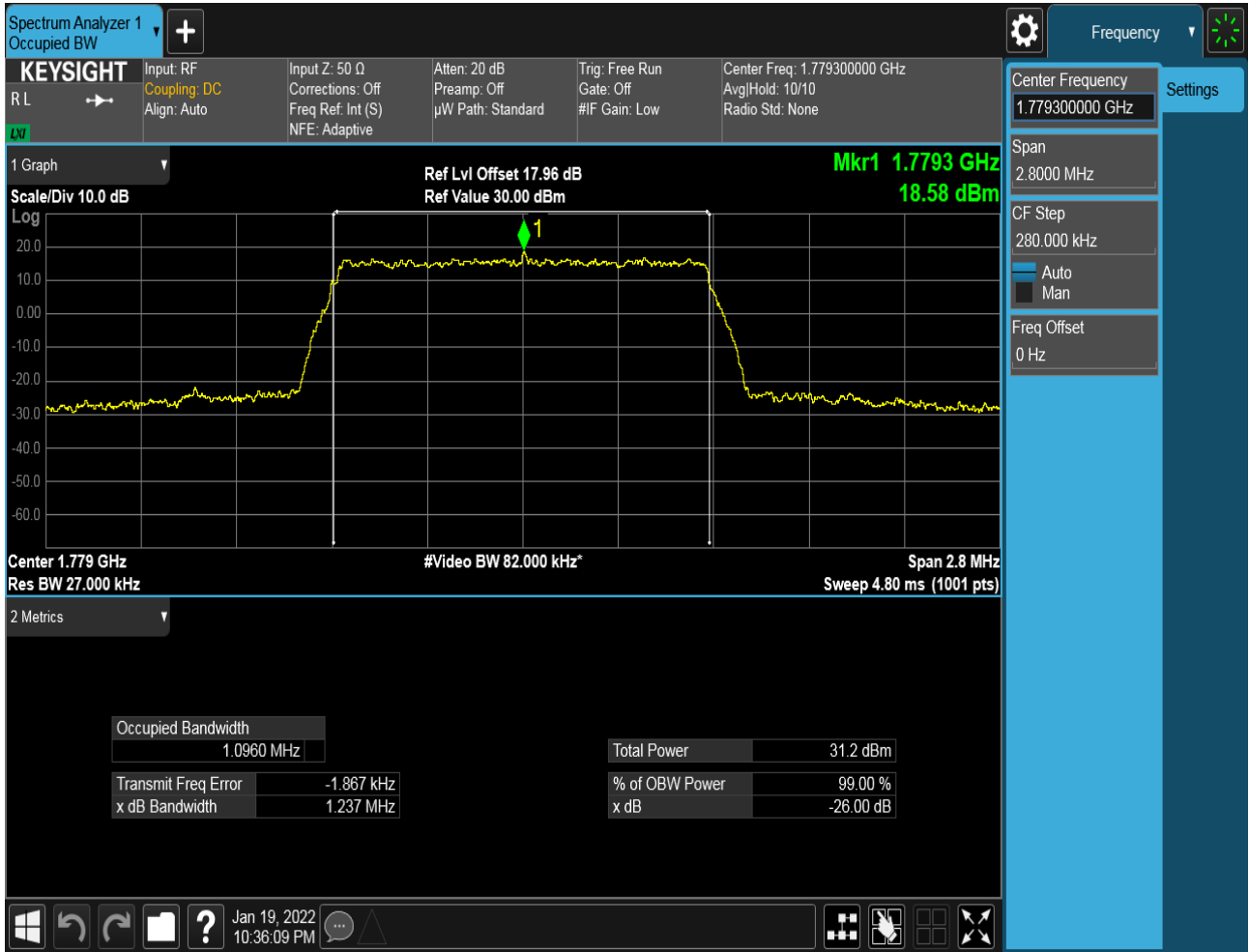






### 4.1.1.1.1.3 Test Channel = HCH

#### 4.1.1.1.1.3.1 Test RB = RB6#0

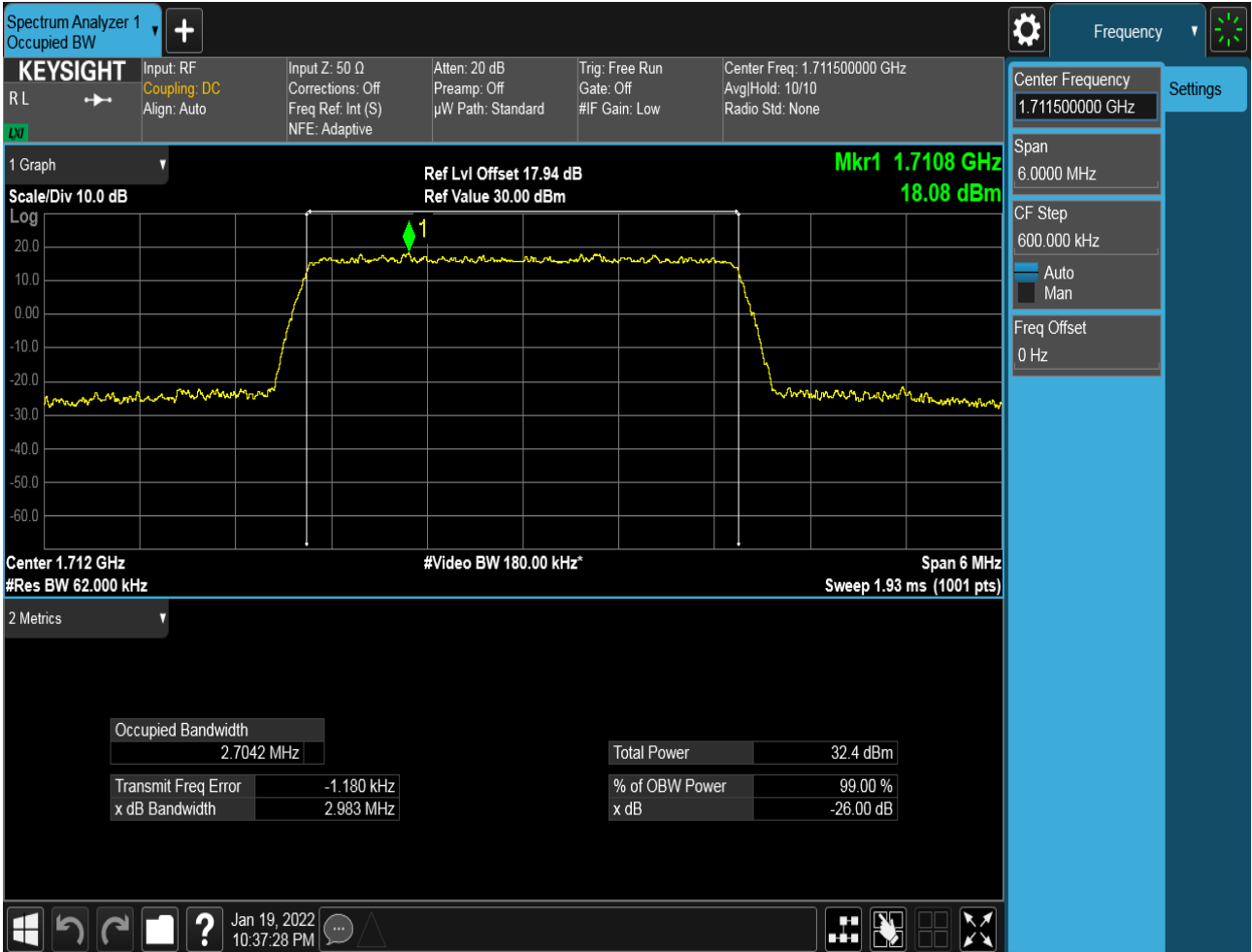




### 4.1.1.1.2 Test Bandwidth = 3MHz

#### 4.1.1.1.2.1 Test Channel = LCH

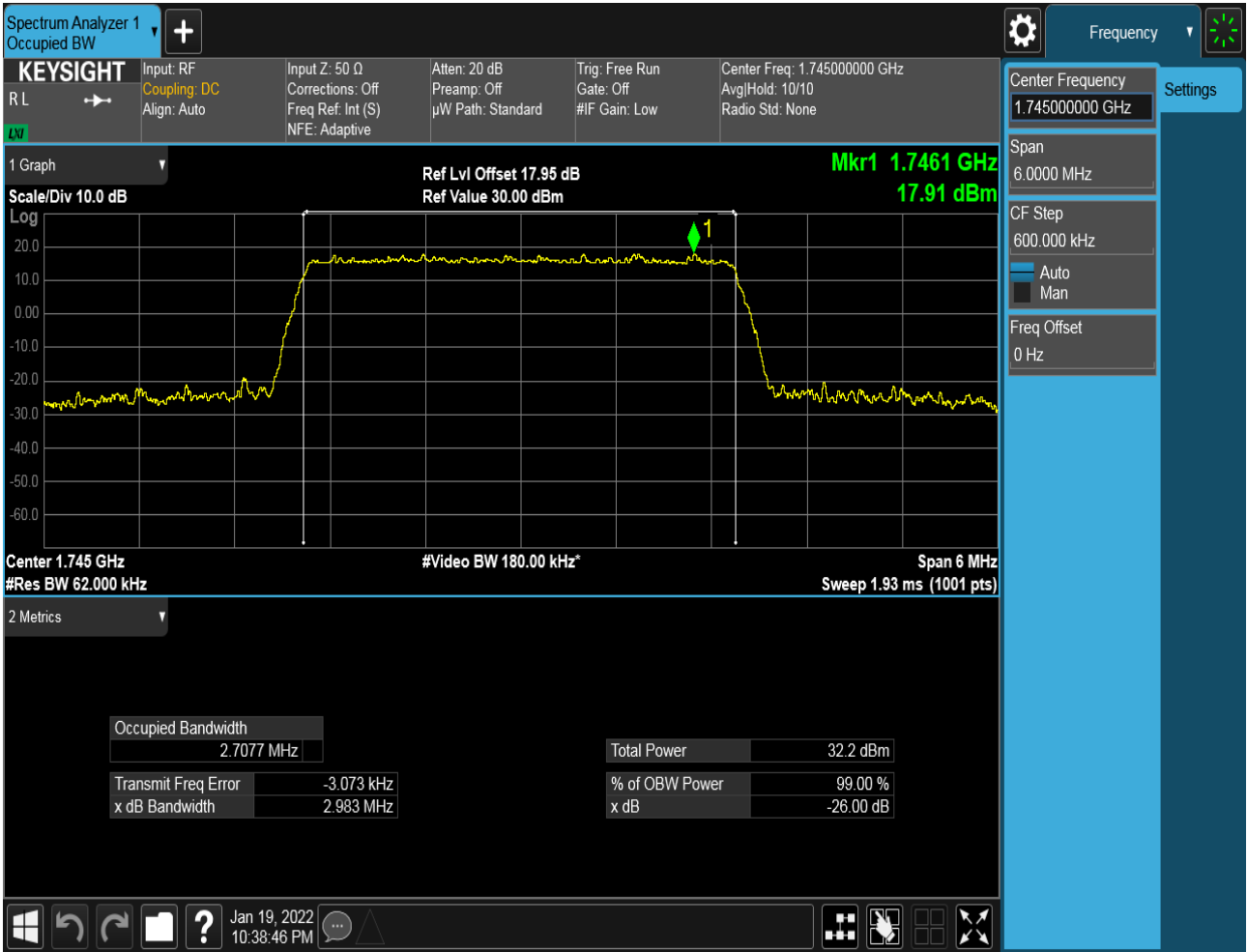
##### 4.1.1.1.2.1.1 Test RB = RB15#0





### 4.1.1.1.2.2 Test Channel = MCH

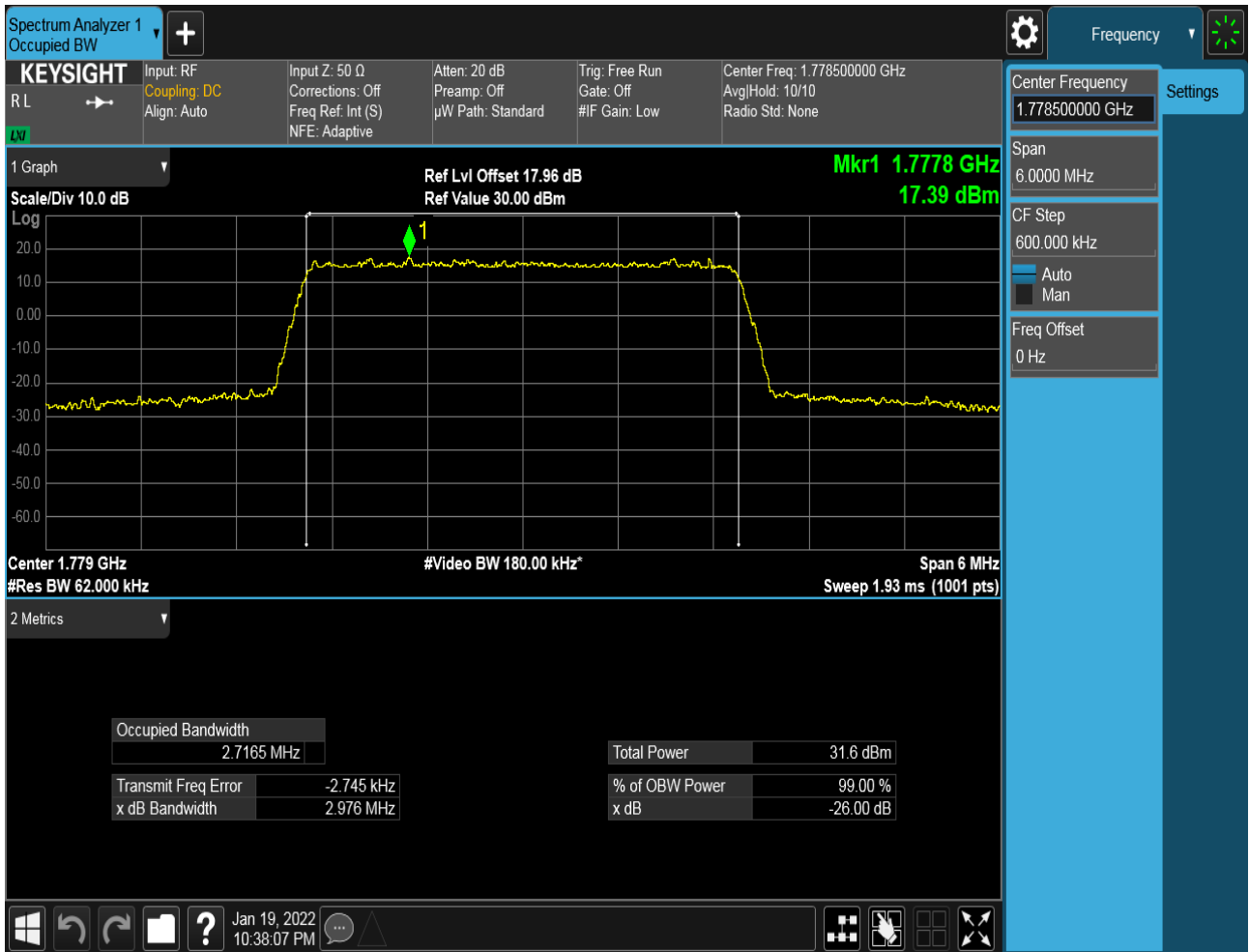
#### 4.1.1.1.2.2.1 Test RB = RB15#0





### 4.1.1.1.2.3 Test Channel = HCH

#### 4.1.1.1.2.3.1 Test RB = RB15#0

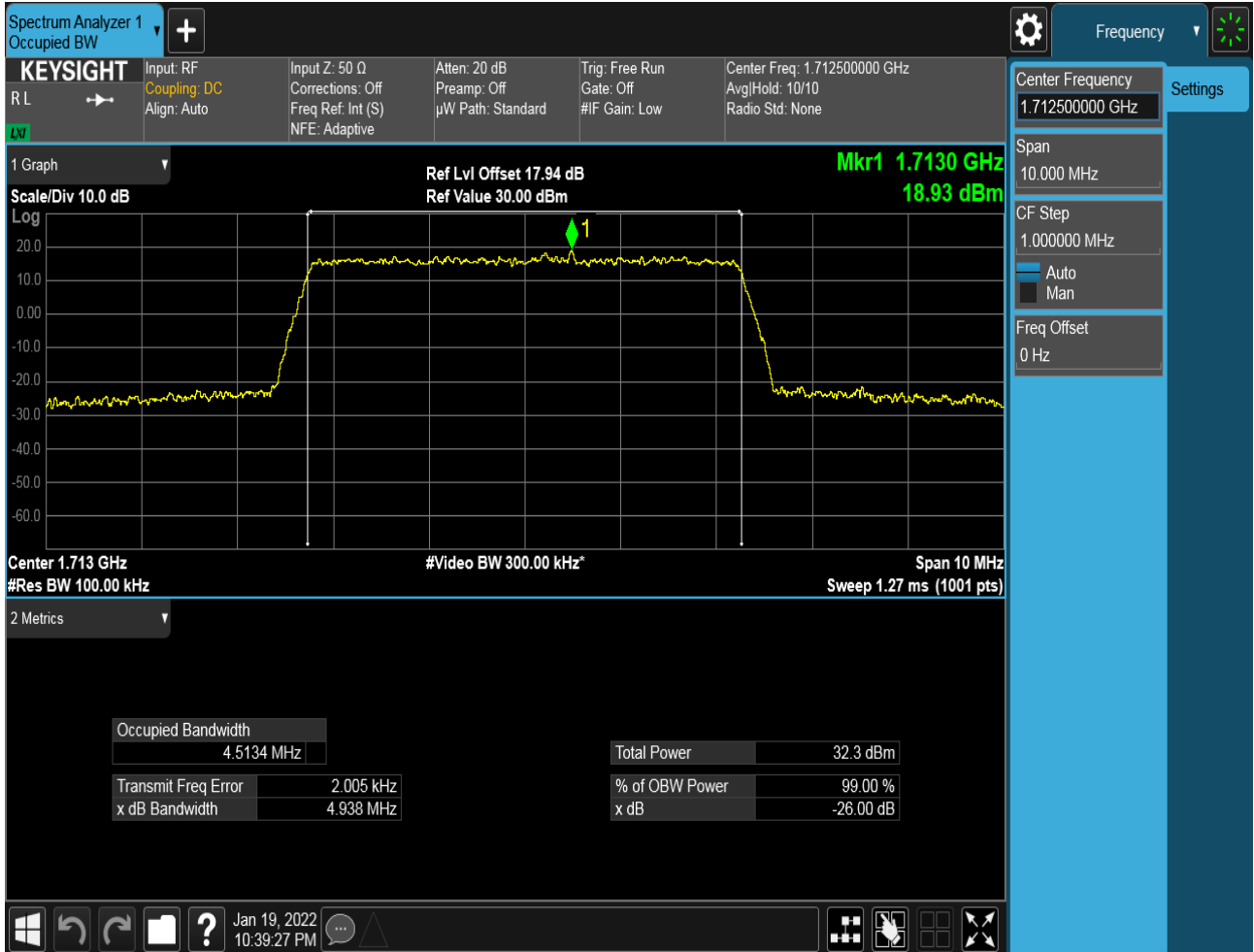




### 4.1.1.1.3 Test Bandwidth = 5MHz

#### 4.1.1.1.3.1 Test Channel = LCH

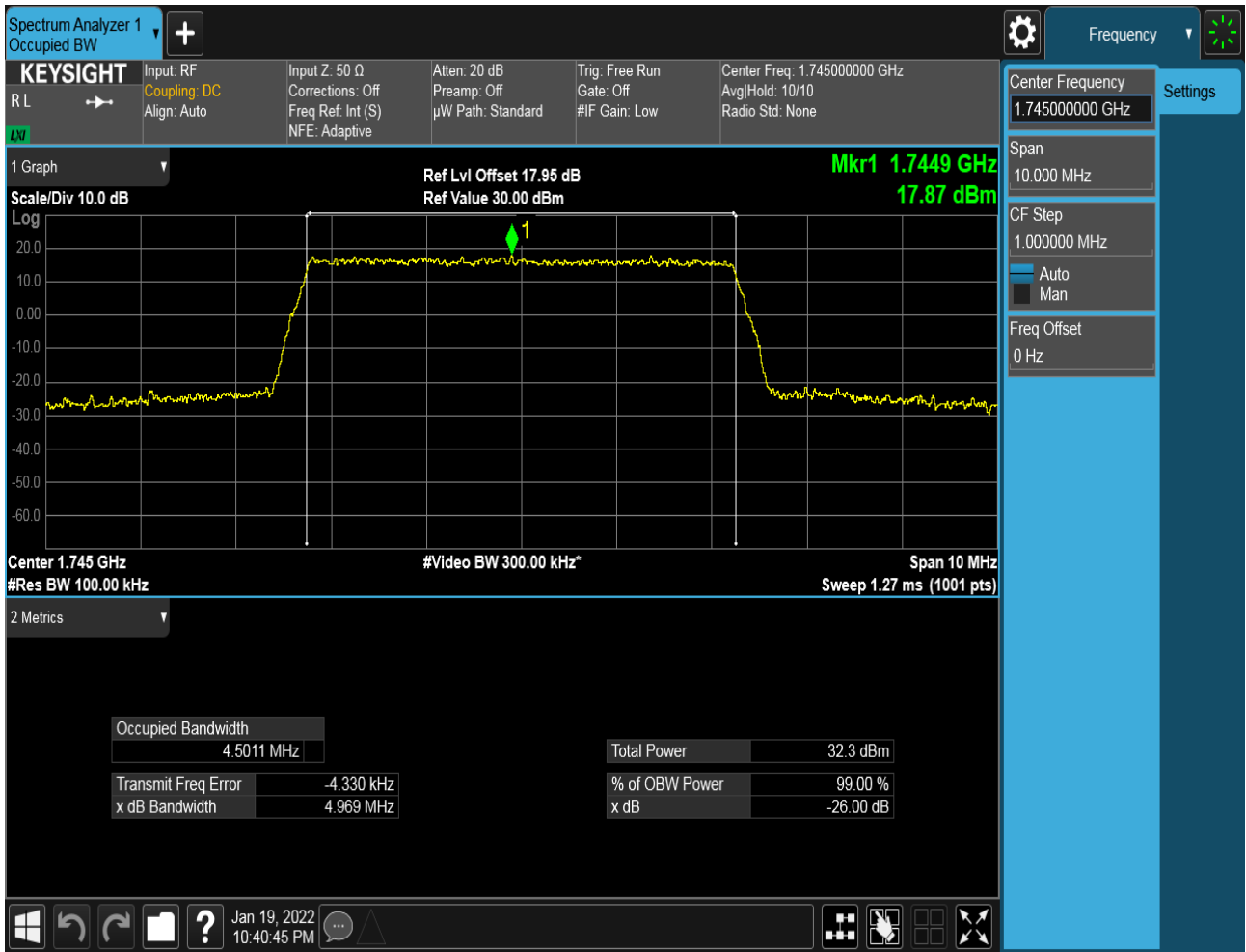
##### 4.1.1.1.3.1.1 Test RB = RB25#0





### 4.1.1.1.3.2 Test Channel = MCH

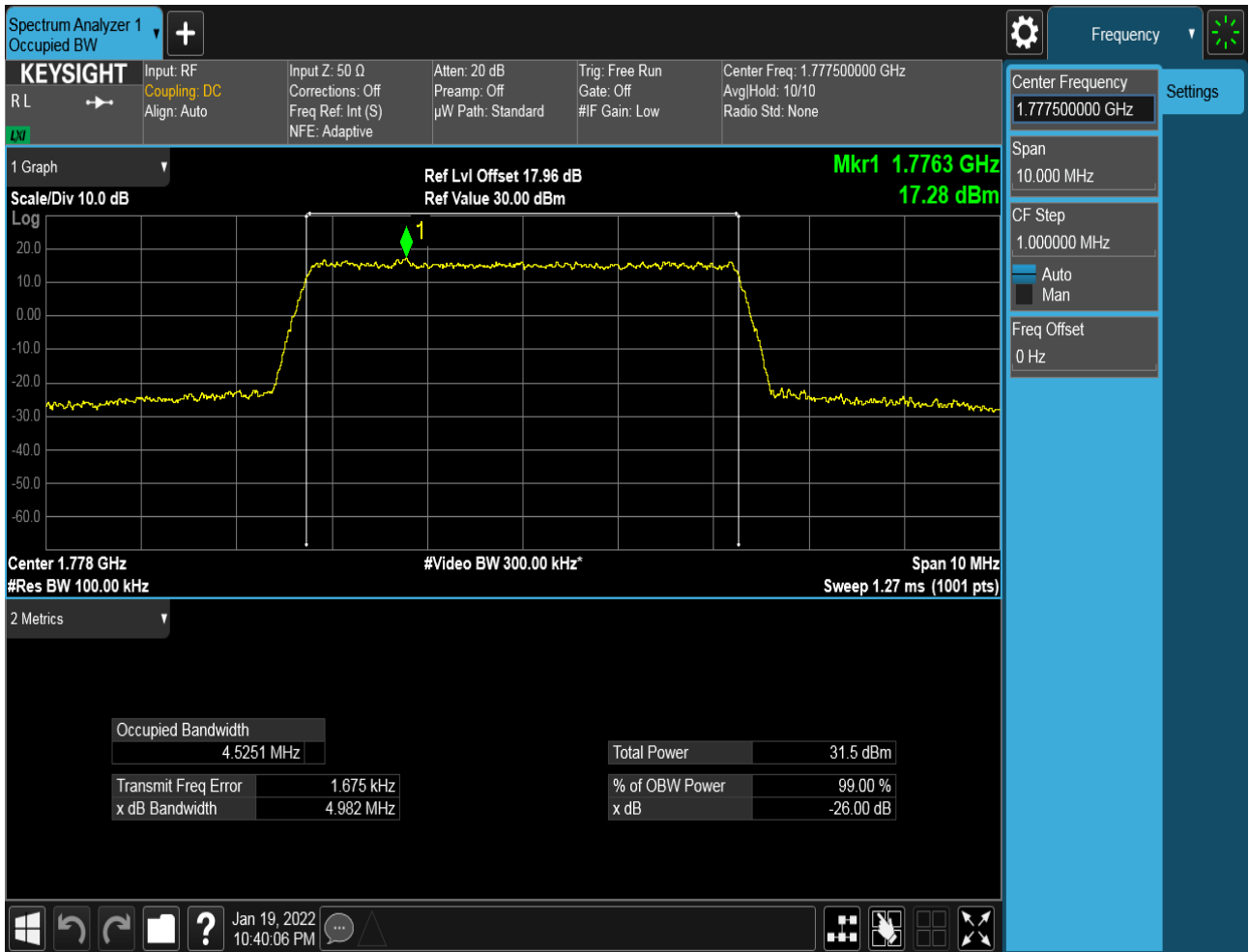
#### 4.1.1.1.3.2.1 Test RB = RB25#0





### 4.1.1.1.3.3 Test Channel = HCH

#### 4.1.1.1.3.3.1 Test RB = RB25#0

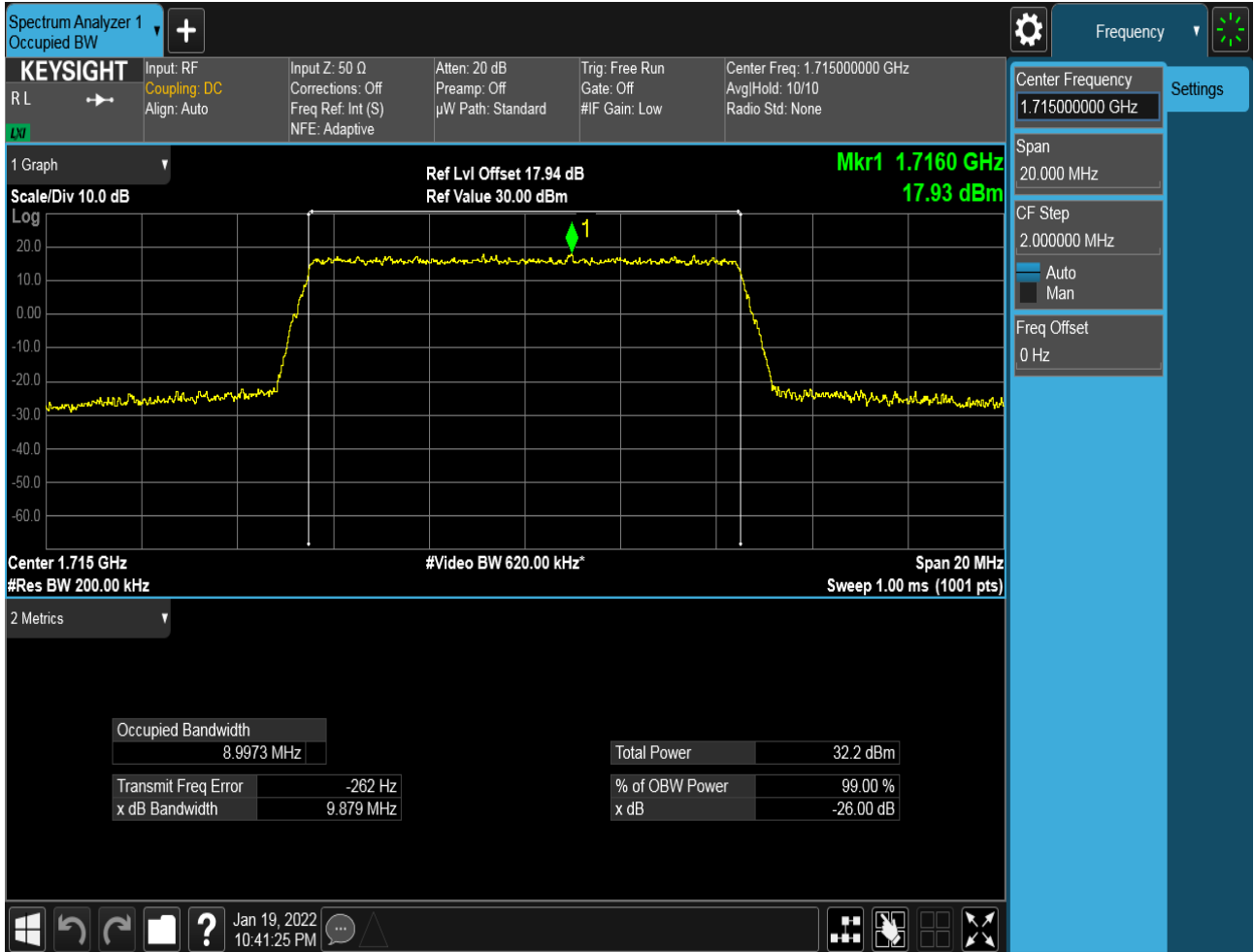




### 4.1.1.1.4 Test Bandwidth = 10MHz

#### 4.1.1.1.4.1 Test Channel = LCH

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

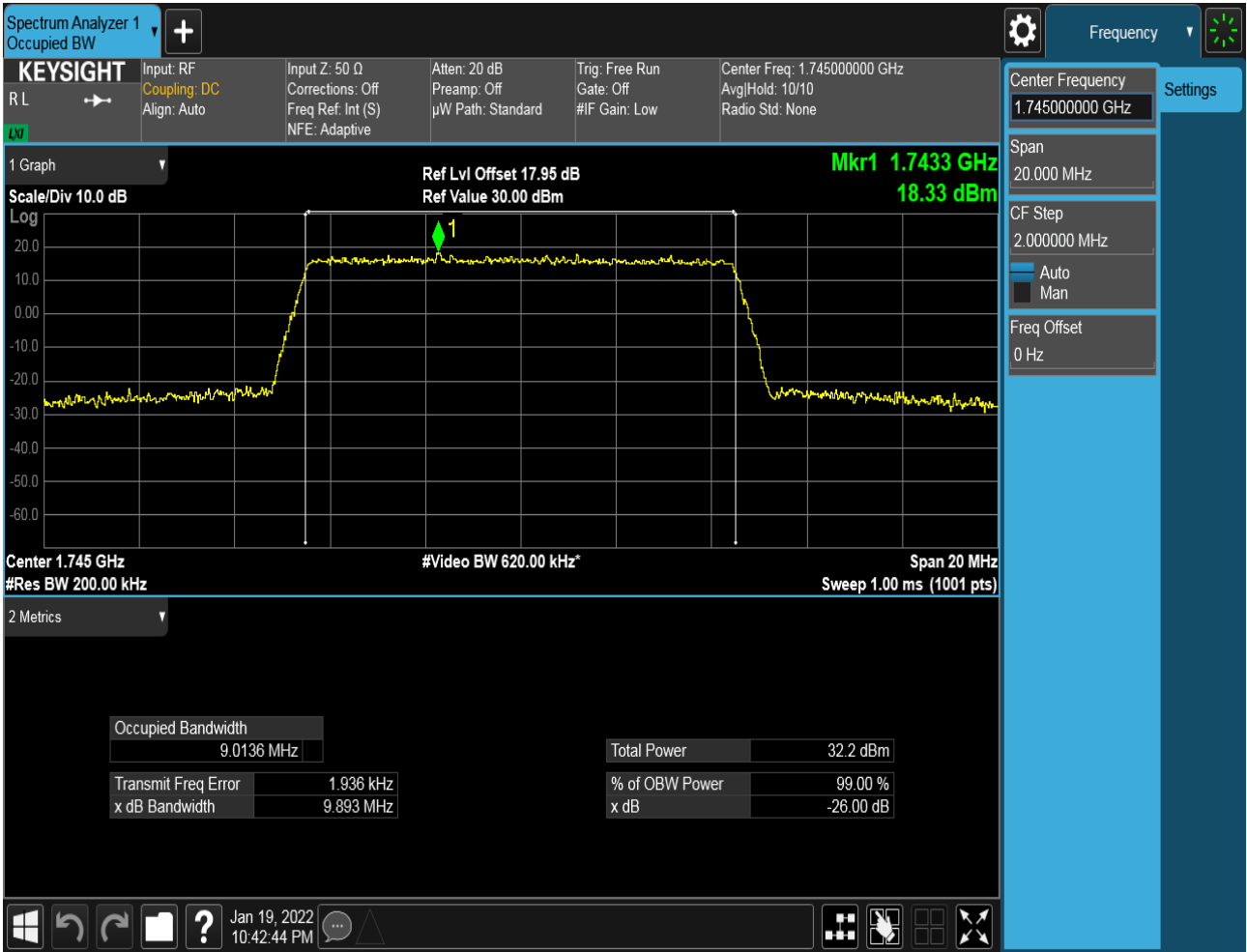






### 4.1.1.1.4.2 Test Channel = MCH

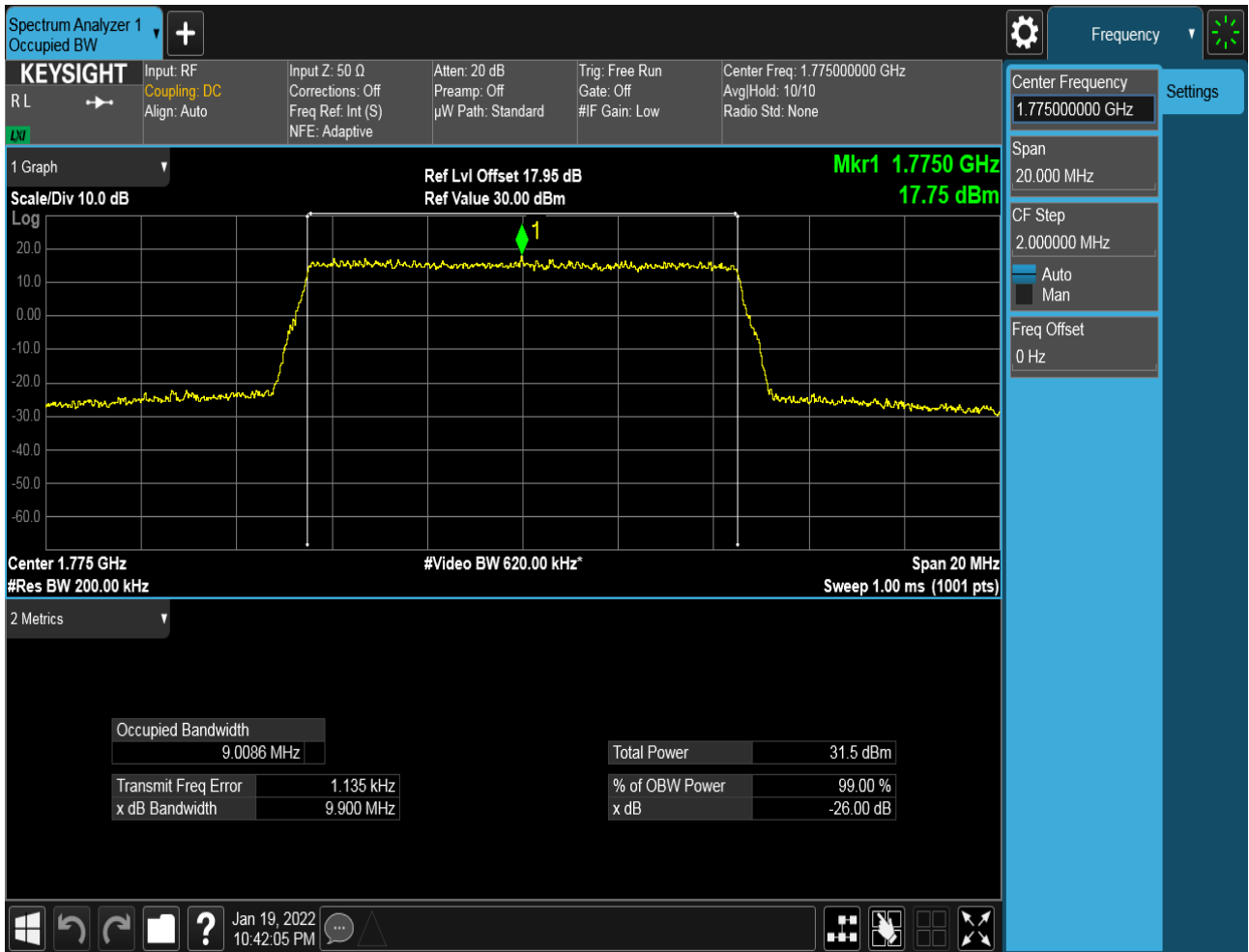
#### 4.1.1.1.4.2.1 Test RB = RB50#0





### 4.1.1.1.4.3 Test Channel = HCH

#### 4.1.1.1.4.3.1 Test RB = RB50#0

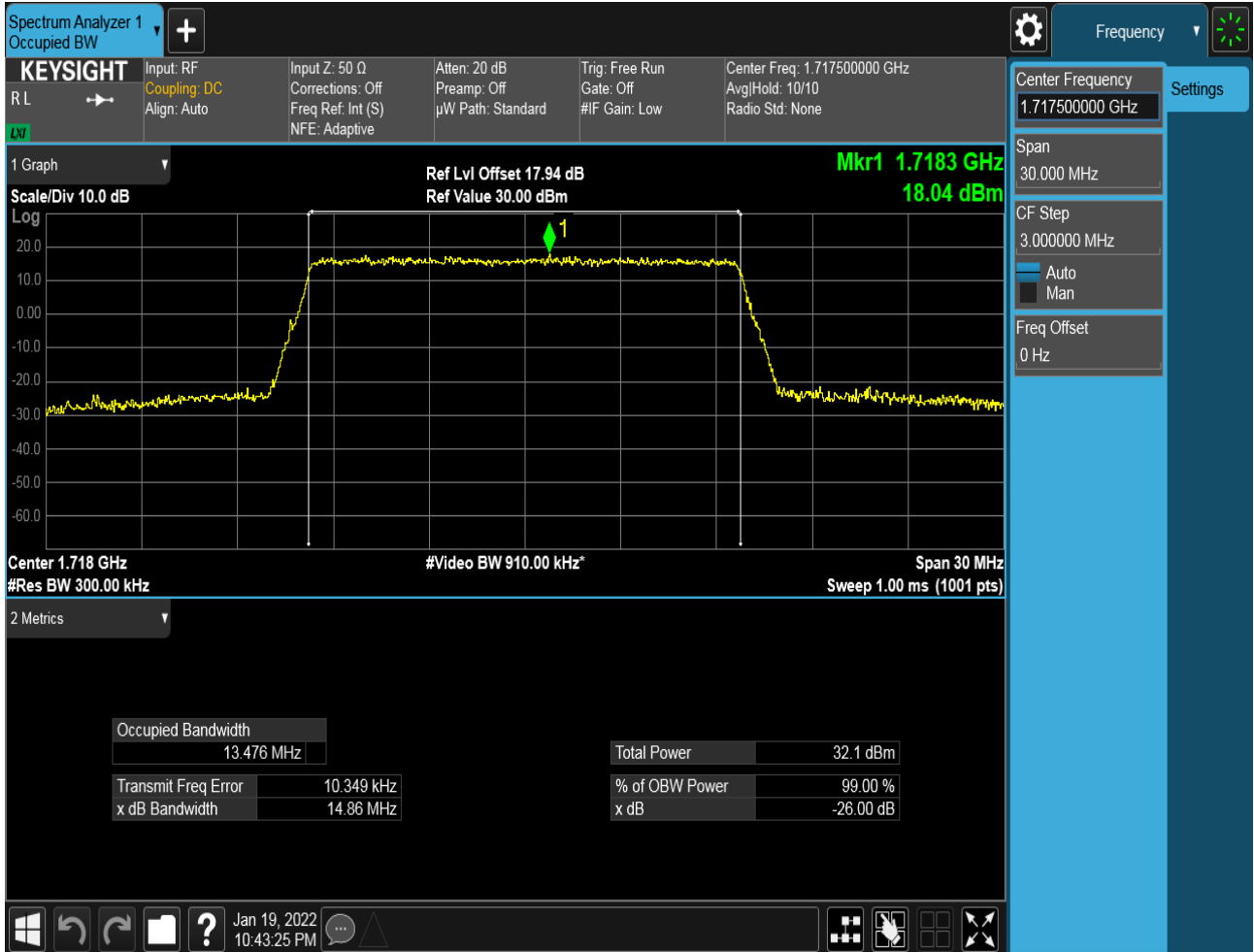




### 4.1.1.1.5 Test Bandwidth = 15MHz

#### 4.1.1.1.5.1 Test Channel = LCH

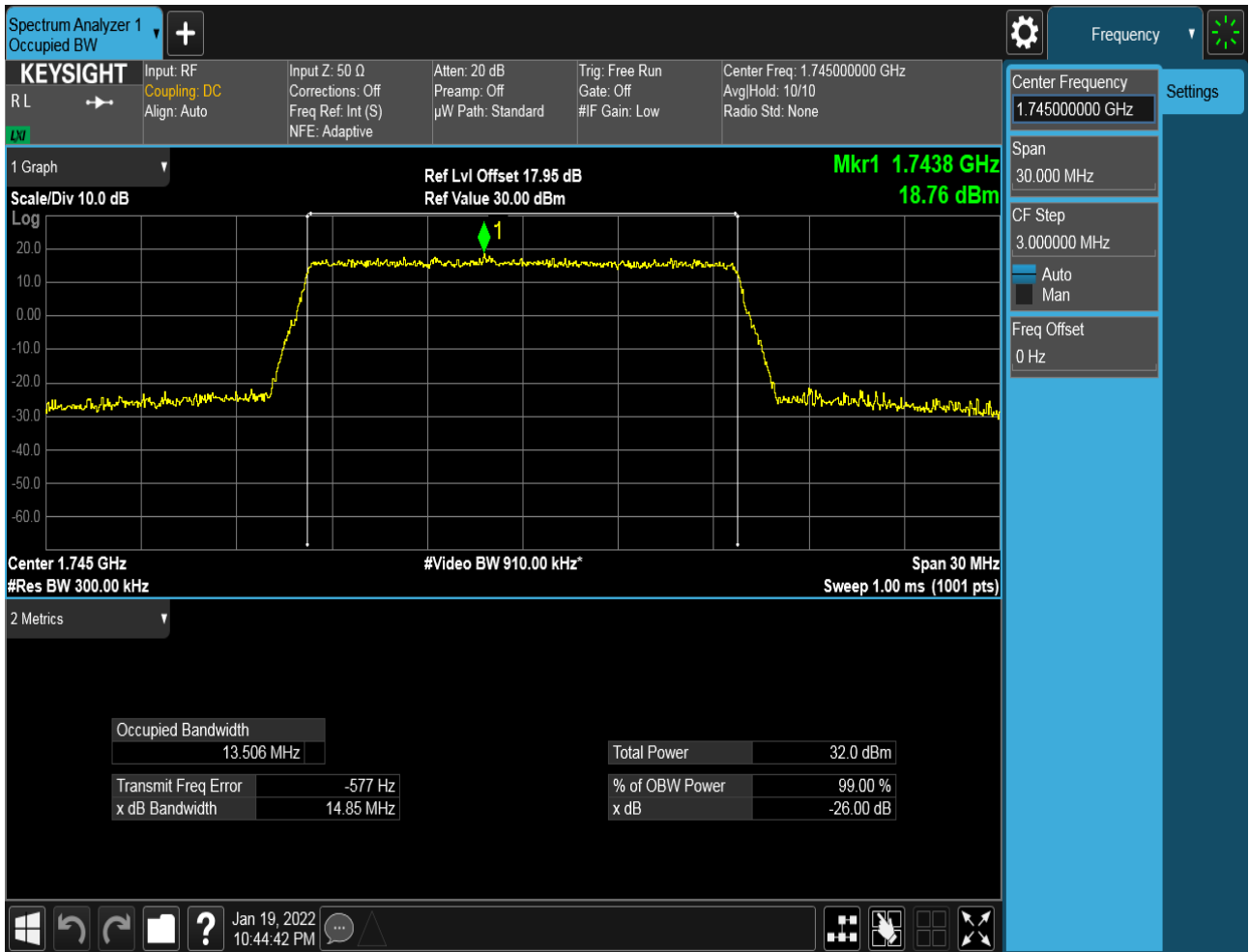
##### 4.1.1.1.5.1.1 Test RB = RB75#0





### 4.1.1.1.5.2 Test Channel = MCH

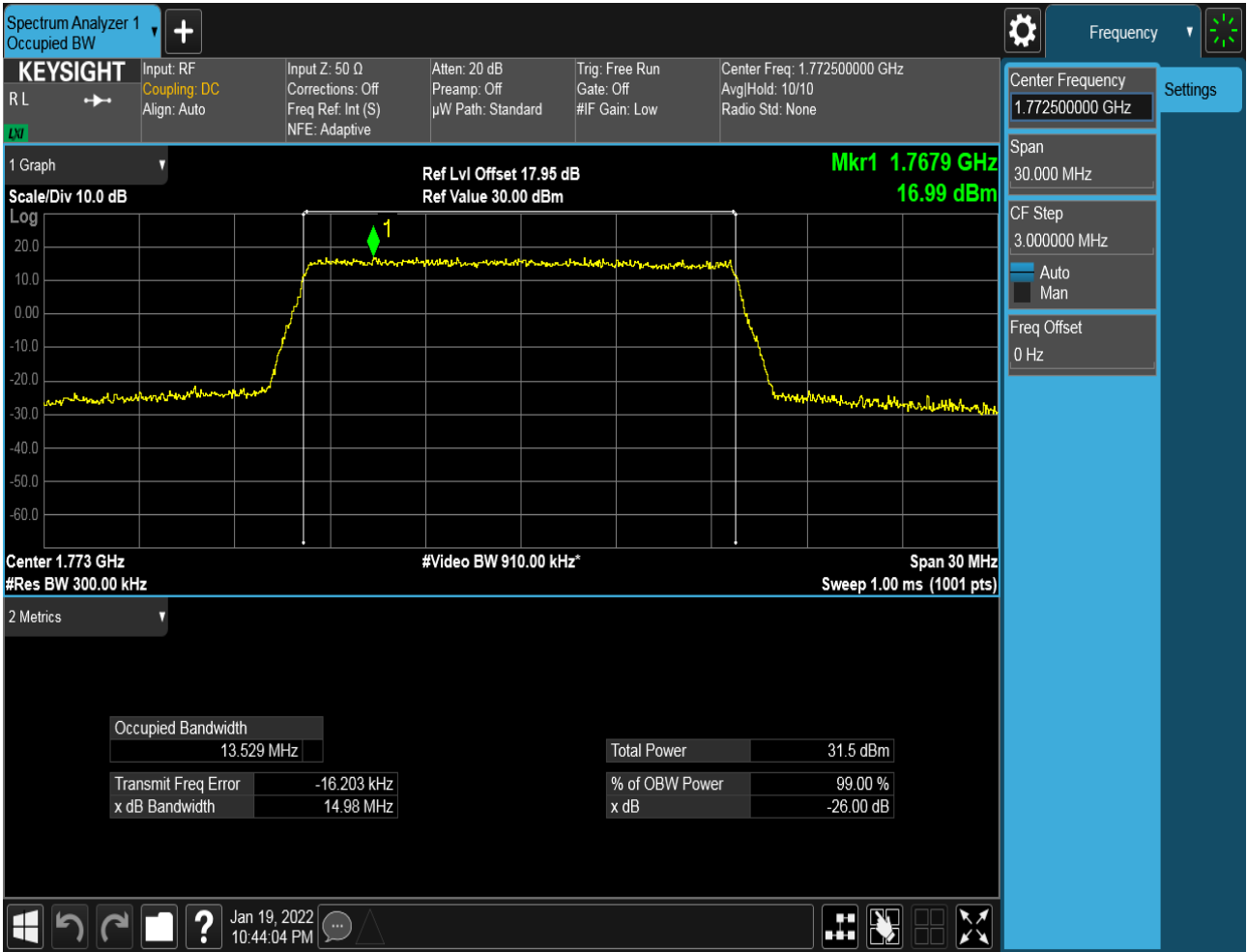
#### 4.1.1.1.5.2.1 Test RB = RB75#0





### 4.1.1.1.5.3 Test Channel = HCH

#### 4.1.1.1.5.3.1 Test RB = RB75#0

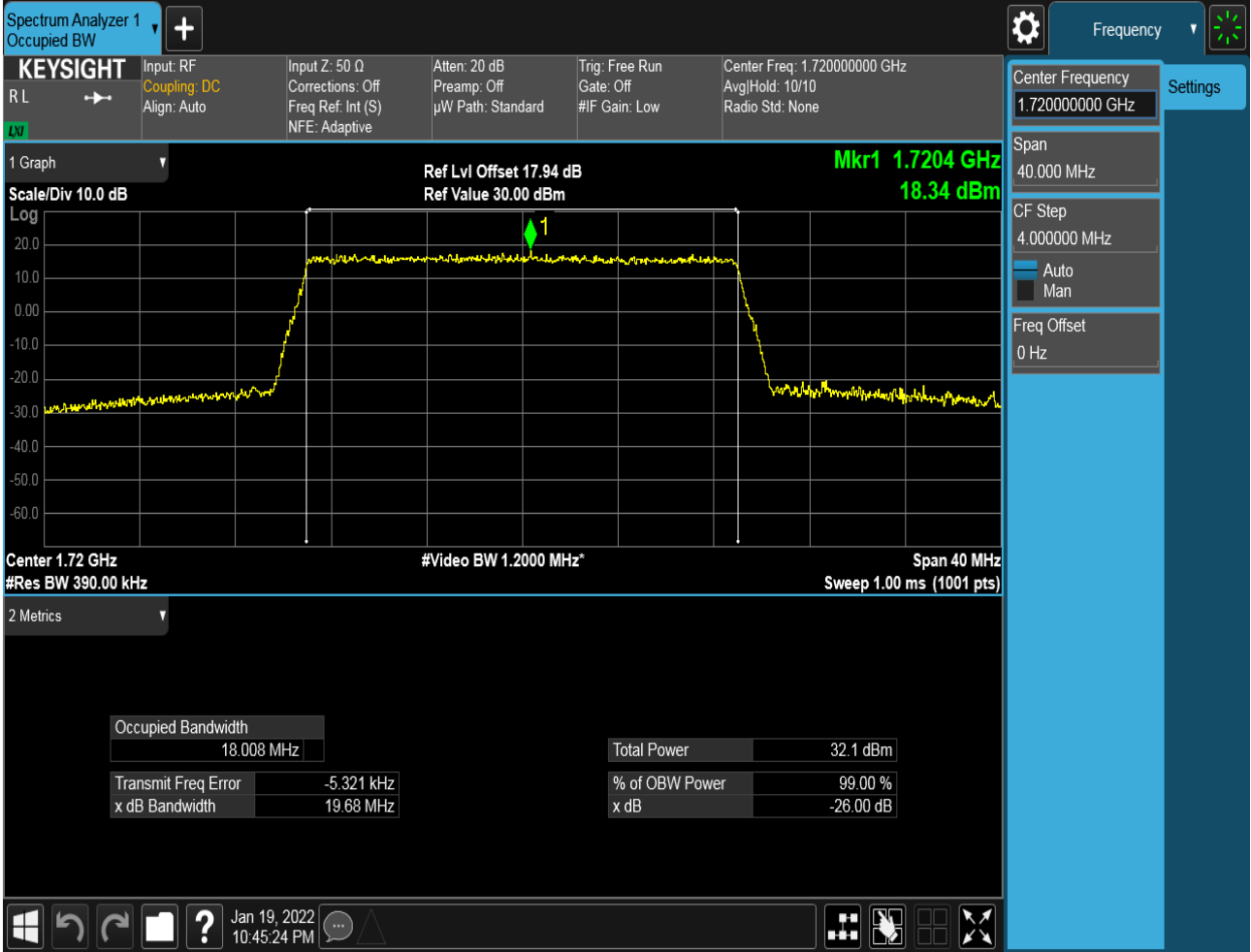




### 4.1.1.1.6 Test Bandwidth = 20MHz

#### 4.1.1.1.6.1 Test Channel = LCH

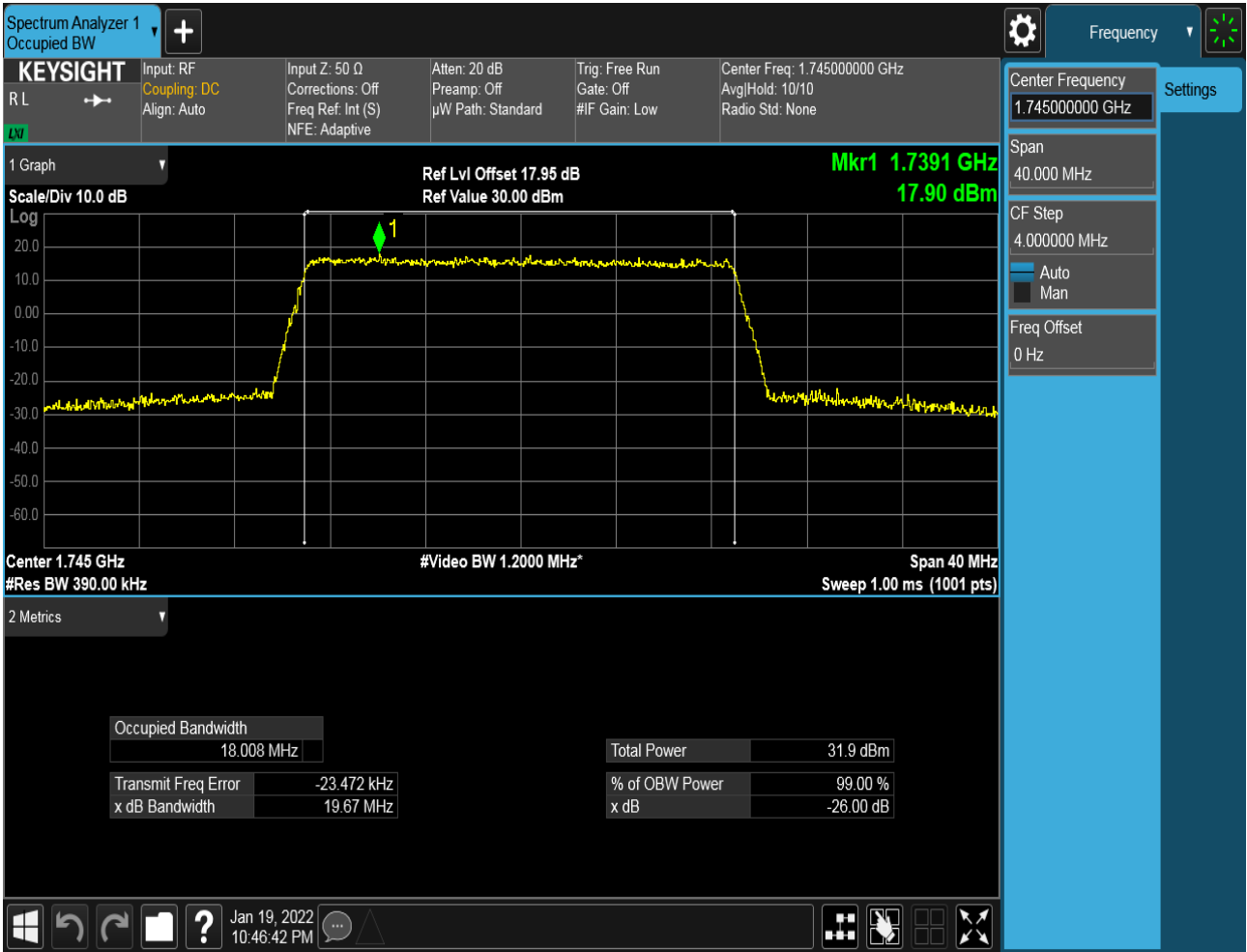
##### 4.1.1.1.6.1.1 Test RB = RB100#0





### 4.1.1.1.6.2 Test Channel = MCH

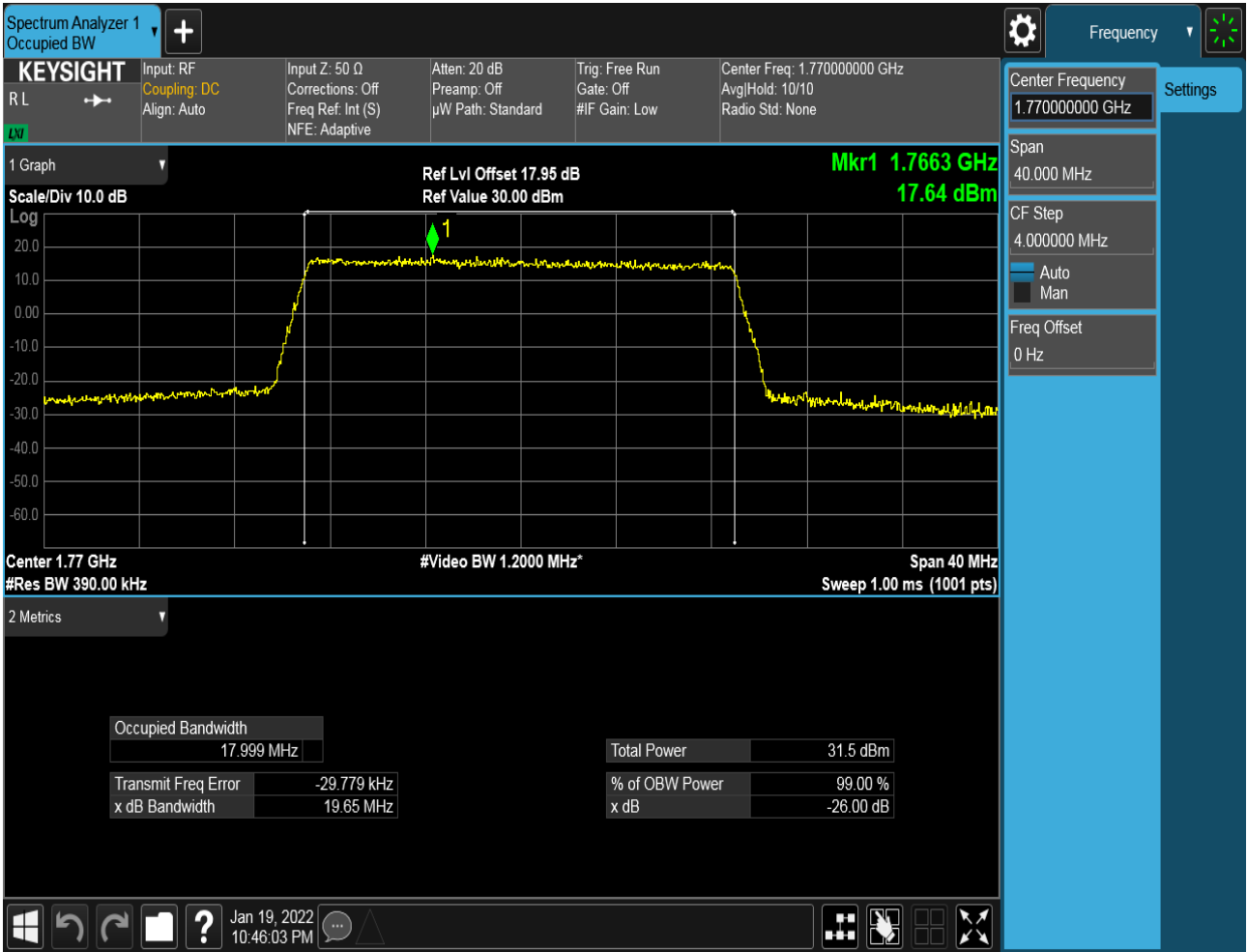
#### 4.1.1.1.6.2.1 Test RB = RB100#0





### 4.1.1.1.6.3 Test Channel = HCH

#### 4.1.1.1.6.3.1 Test RB = RB100#0





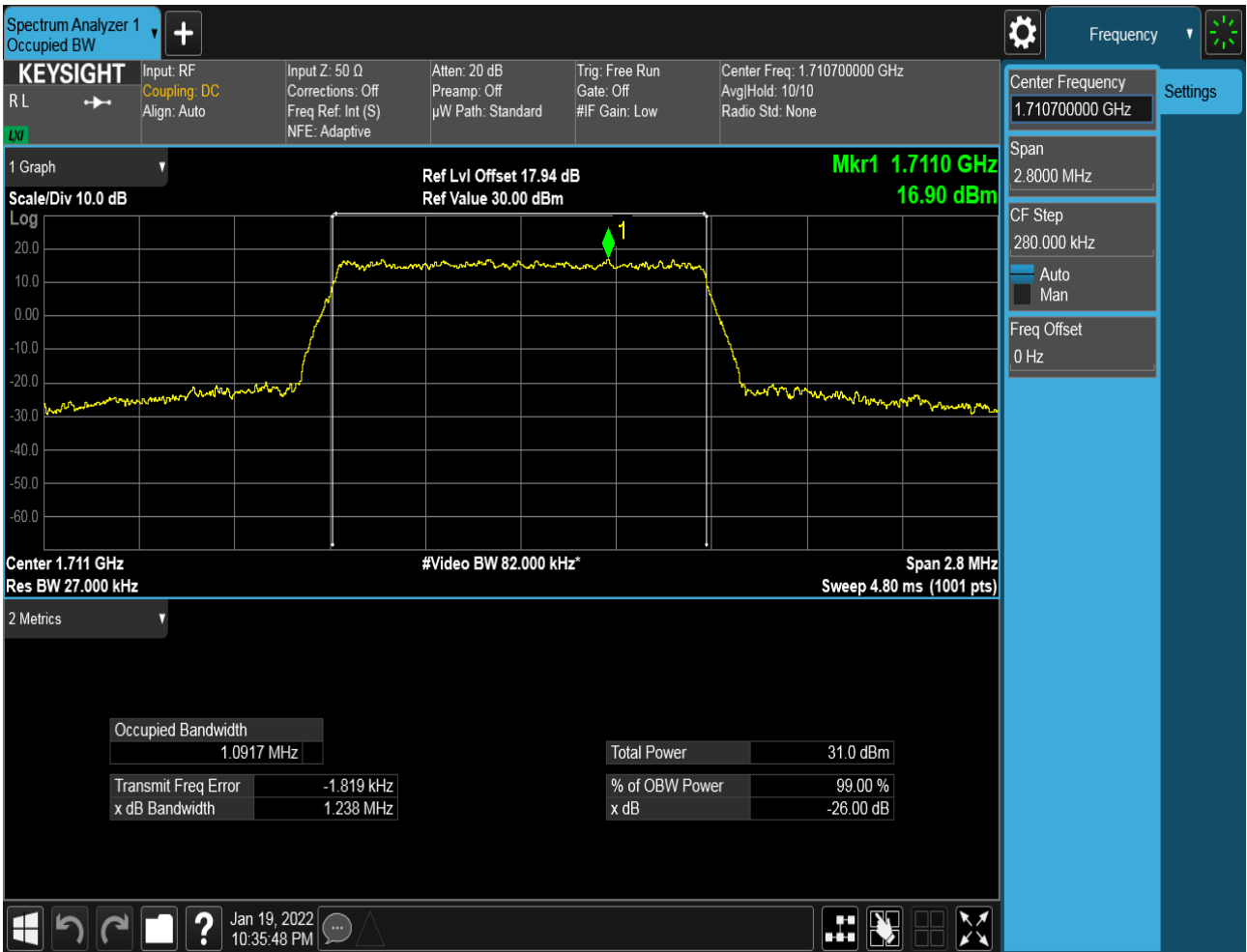


### 4.1.1.2 Test Mode = LTE/TM2

#### 4.1.1.2.1 Test Bandwidth = 1.4MHz

##### 4.1.1.2.1.1 Test Channel = LCH

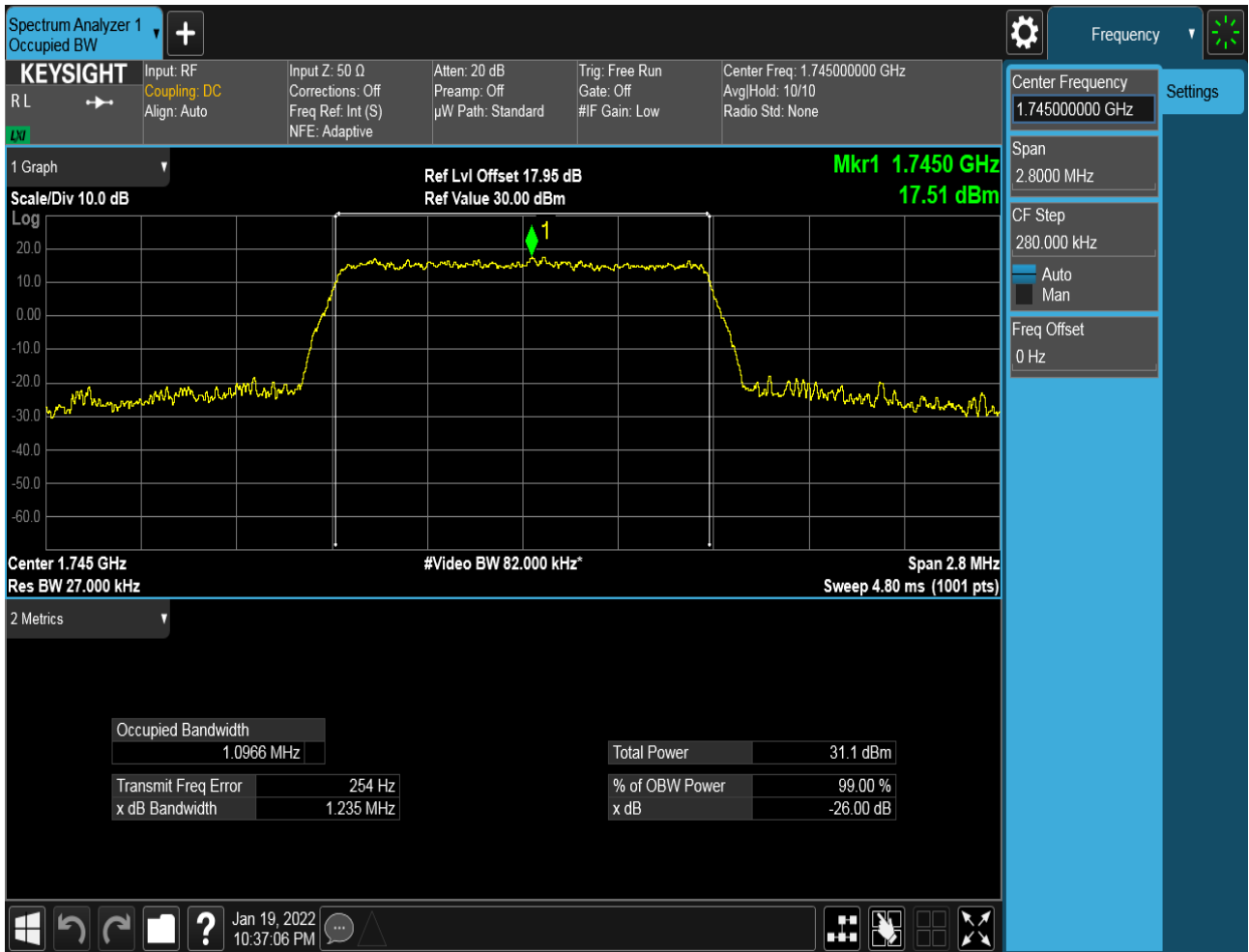
##### 4.1.1.2.1.1.1 Test RB = RB6#0





### 4.1.1.2.1.2 Test Channel = MCH

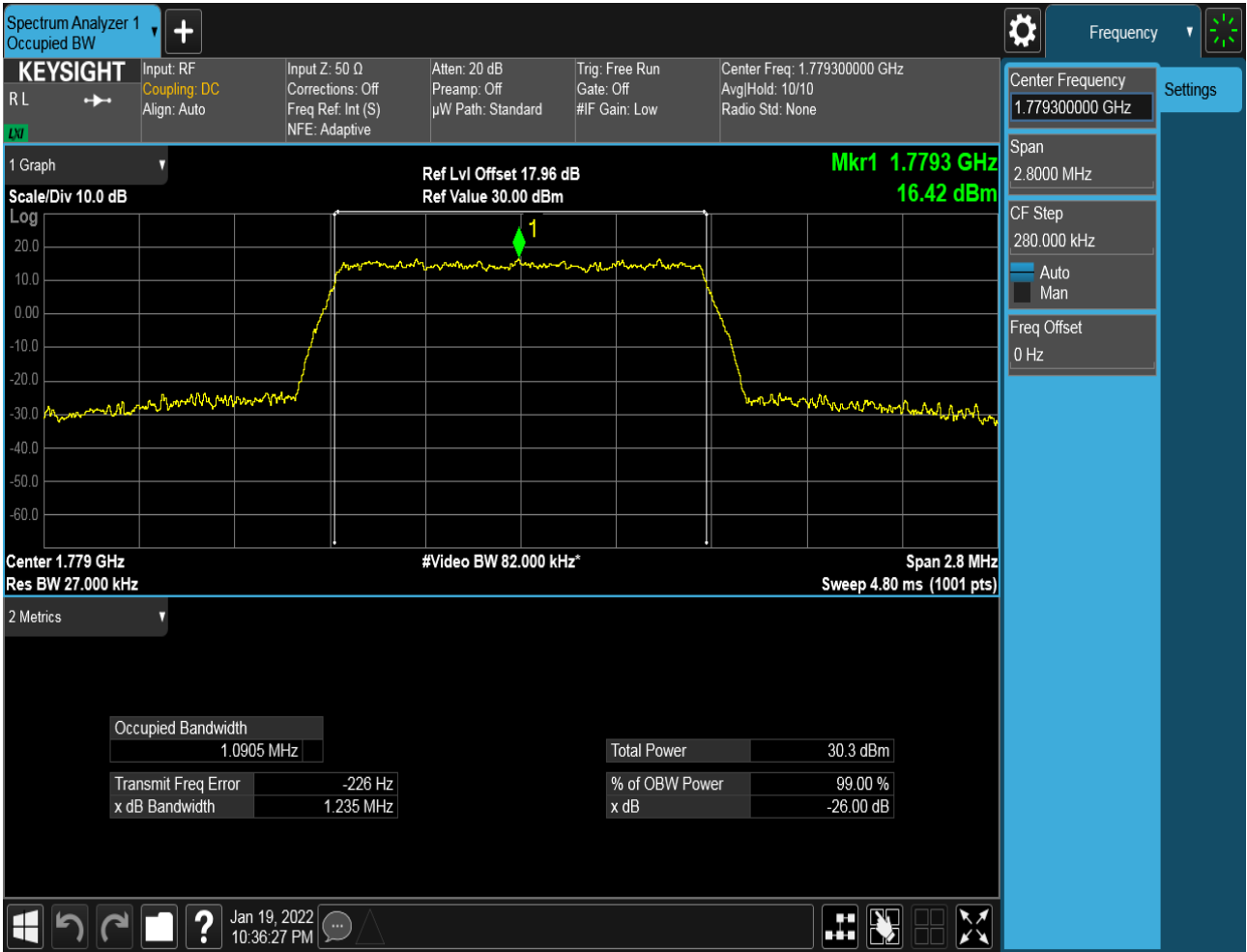
#### 4.1.1.2.1.2.1 Test RB = RB6#0





### 4.1.1.2.1.3 Test Channel = HCH

#### 4.1.1.2.1.3.1 Test RB = RB6#0

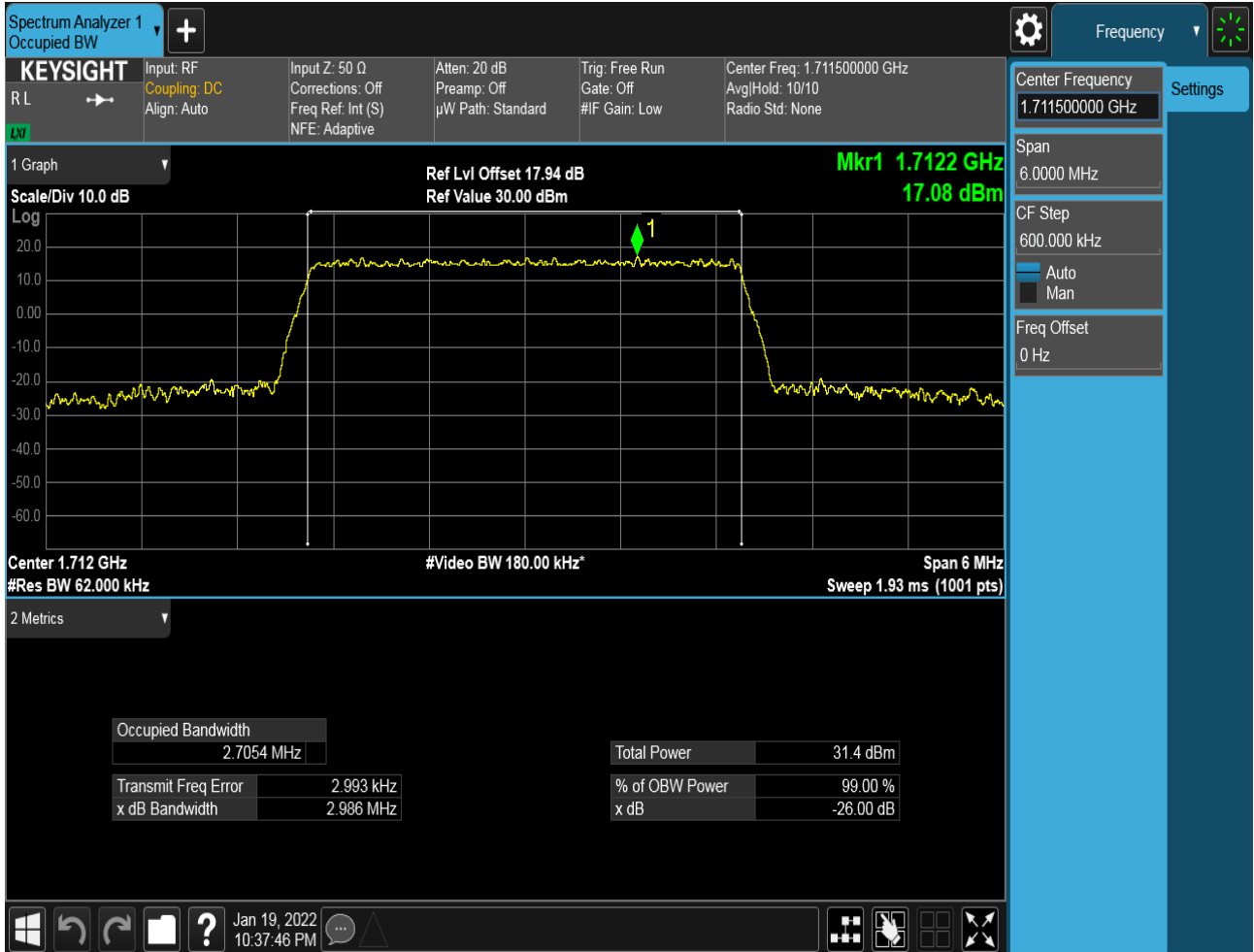




### 4.1.1.2.2 Test Bandwidth = 3MHz

#### 4.1.1.2.2.1 Test Channel = LCH

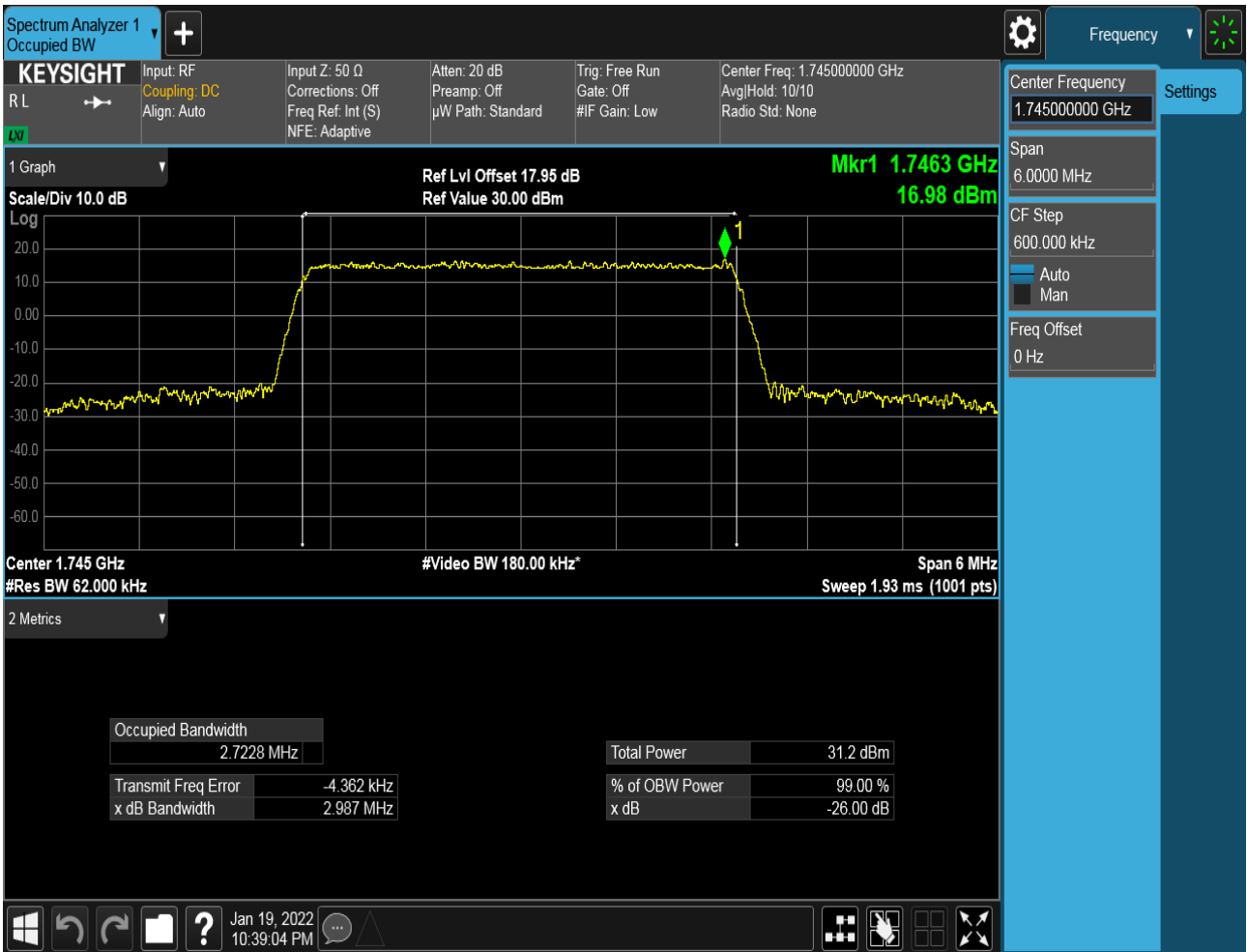
##### 4.1.1.2.2.1.1 Test RB = RB15#0





### 4.1.1.2.2.2 Test Channel = MCH

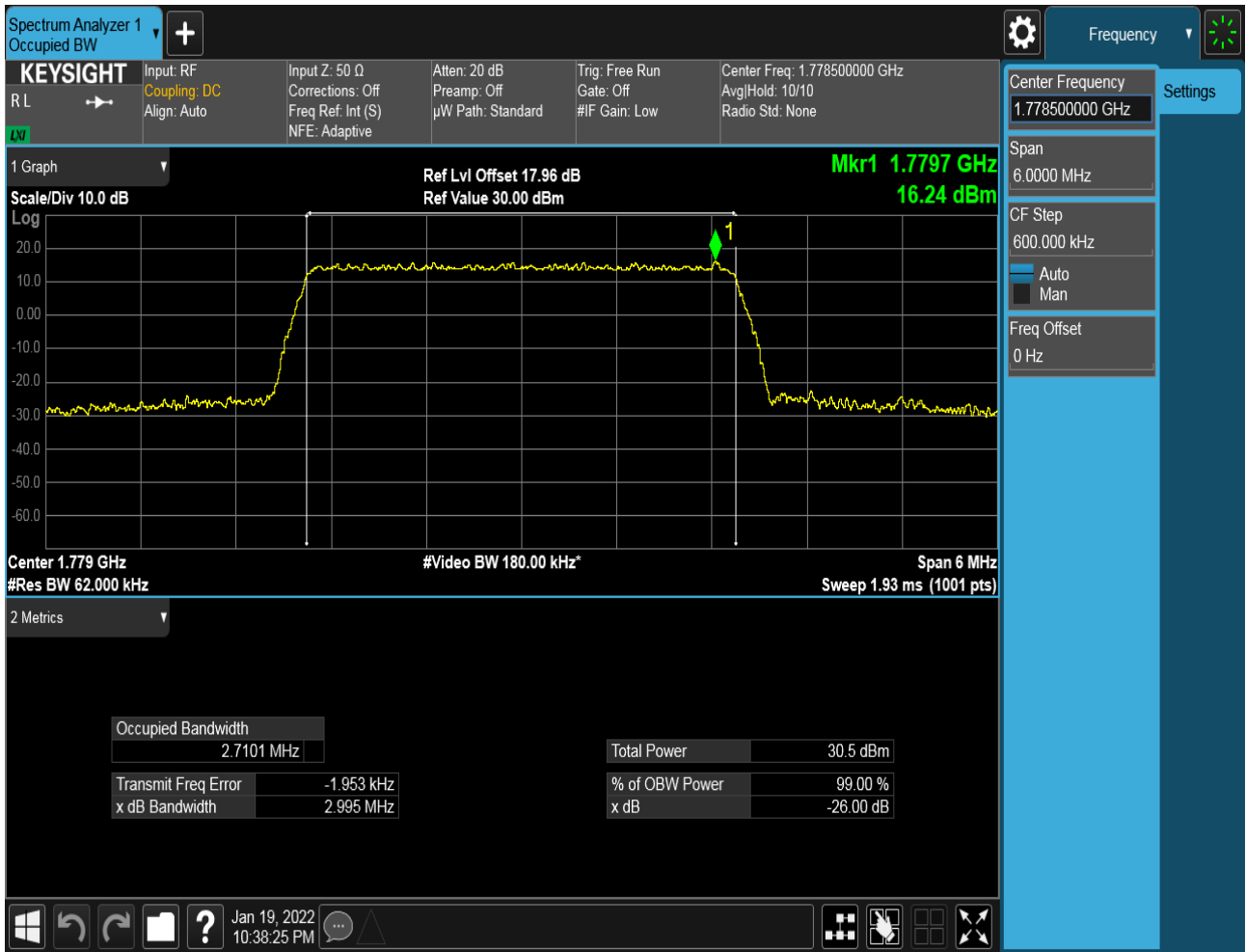
#### 4.1.1.2.2.2.1 Test RB = RB15#0





### 4.1.1.2.2.3 Test Channel = HCH

#### 4.1.1.2.2.3.1 Test RB = RB15#0

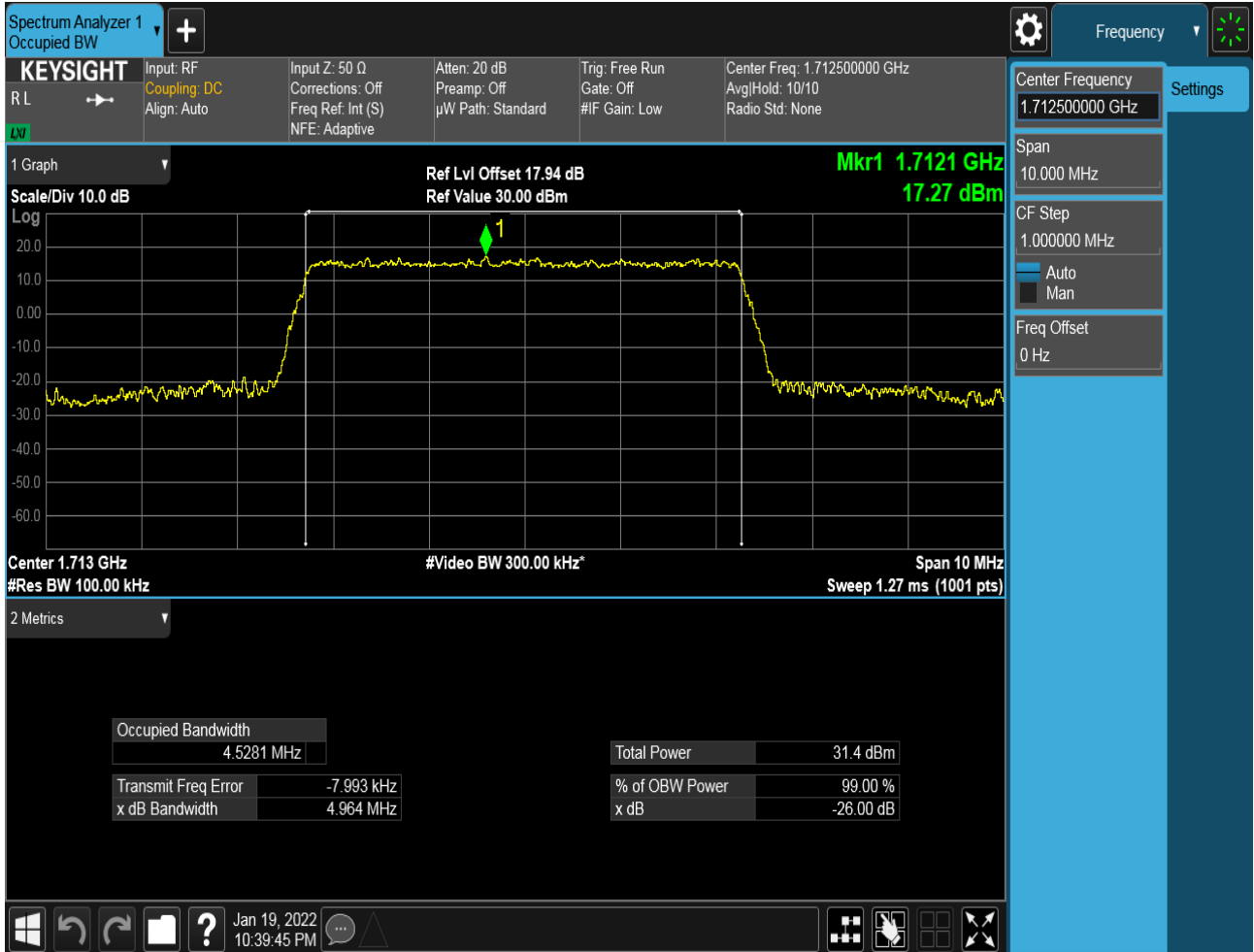




### 4.1.1.2.3 Test Bandwidth = 5MHz

#### 4.1.1.2.3.1 Test Channel = LCH

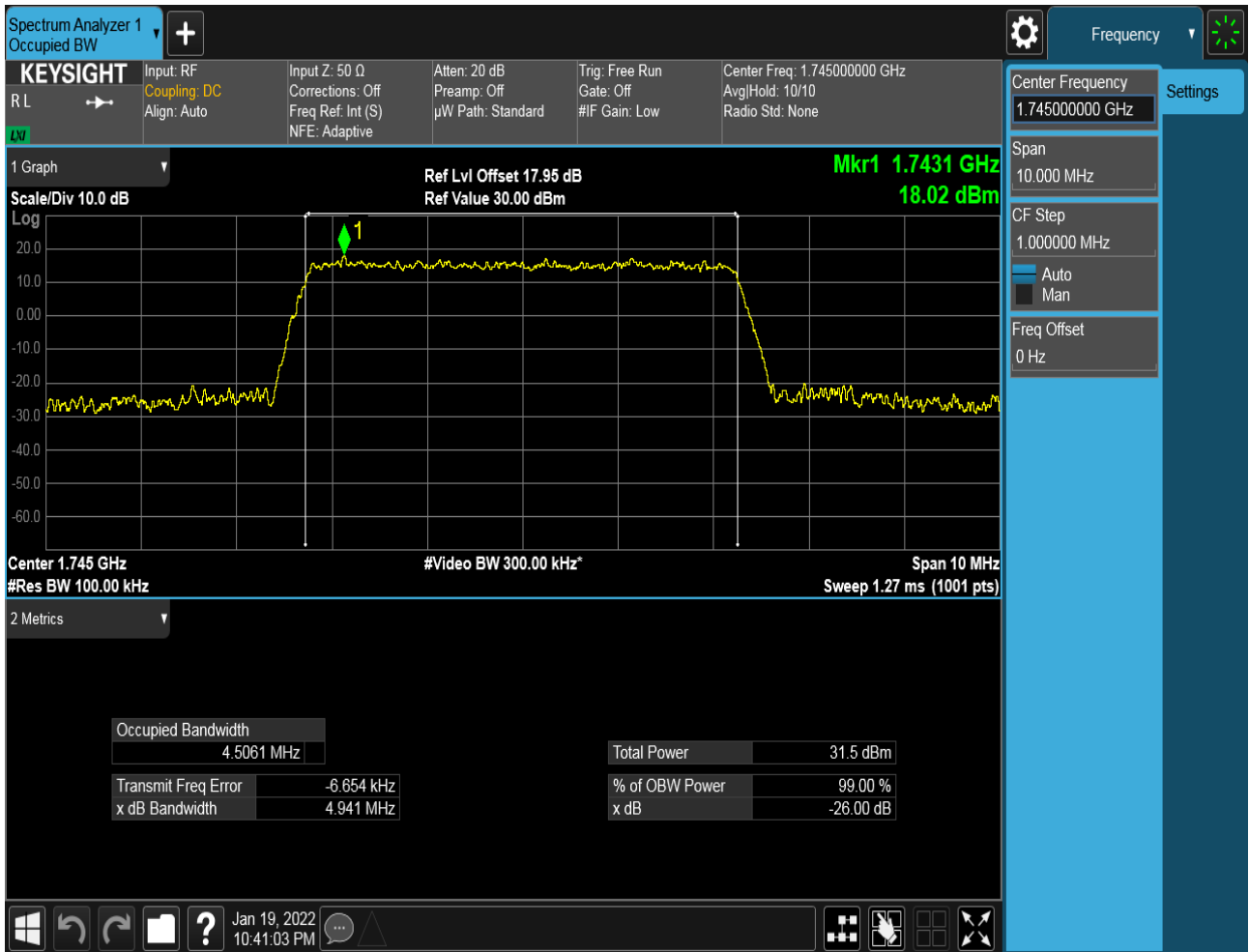
##### 4.1.1.2.3.1.1 Test RB = RB25#0





### 4.1.1.2.3.2 Test Channel = MCH

#### 4.1.1.2.3.2.1 Test RB = RB25#0

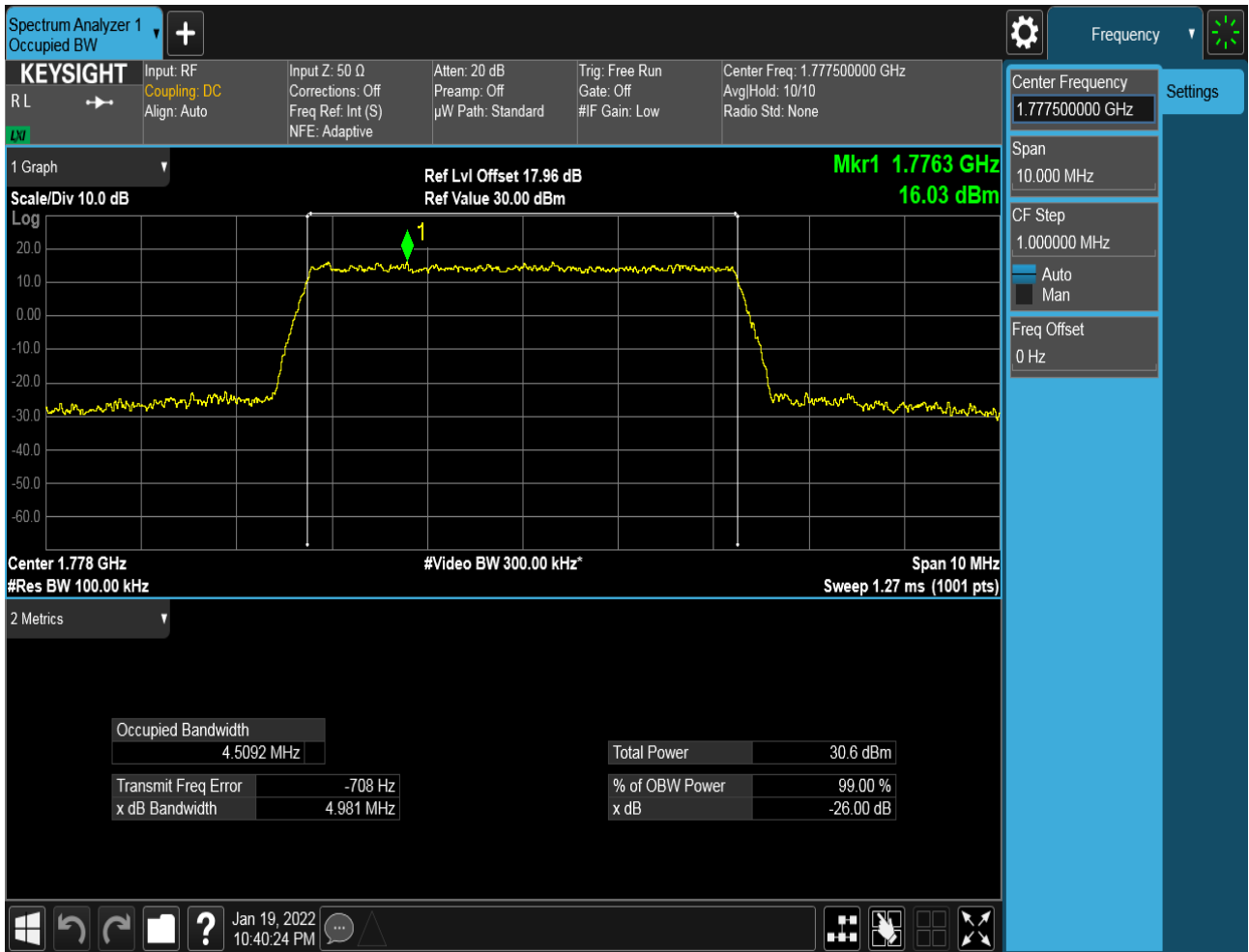






### 4.1.1.2.3.3 Test Channel = HCH

#### 4.1.1.2.3.3.1 Test RB = RB25#0

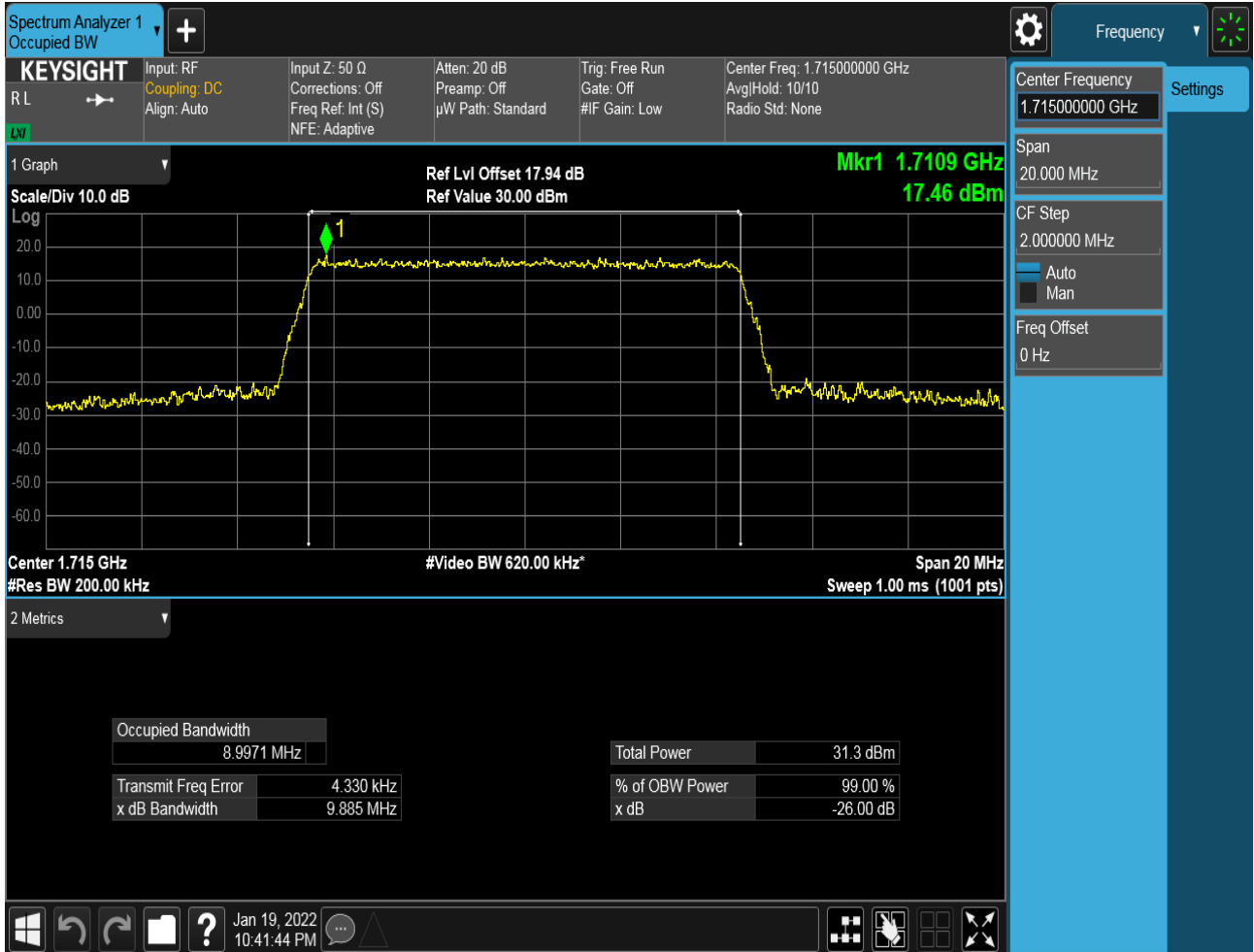




### 4.1.1.2.4 Test Bandwidth = 10MHz

#### 4.1.1.2.4.1 Test Channel = LCH

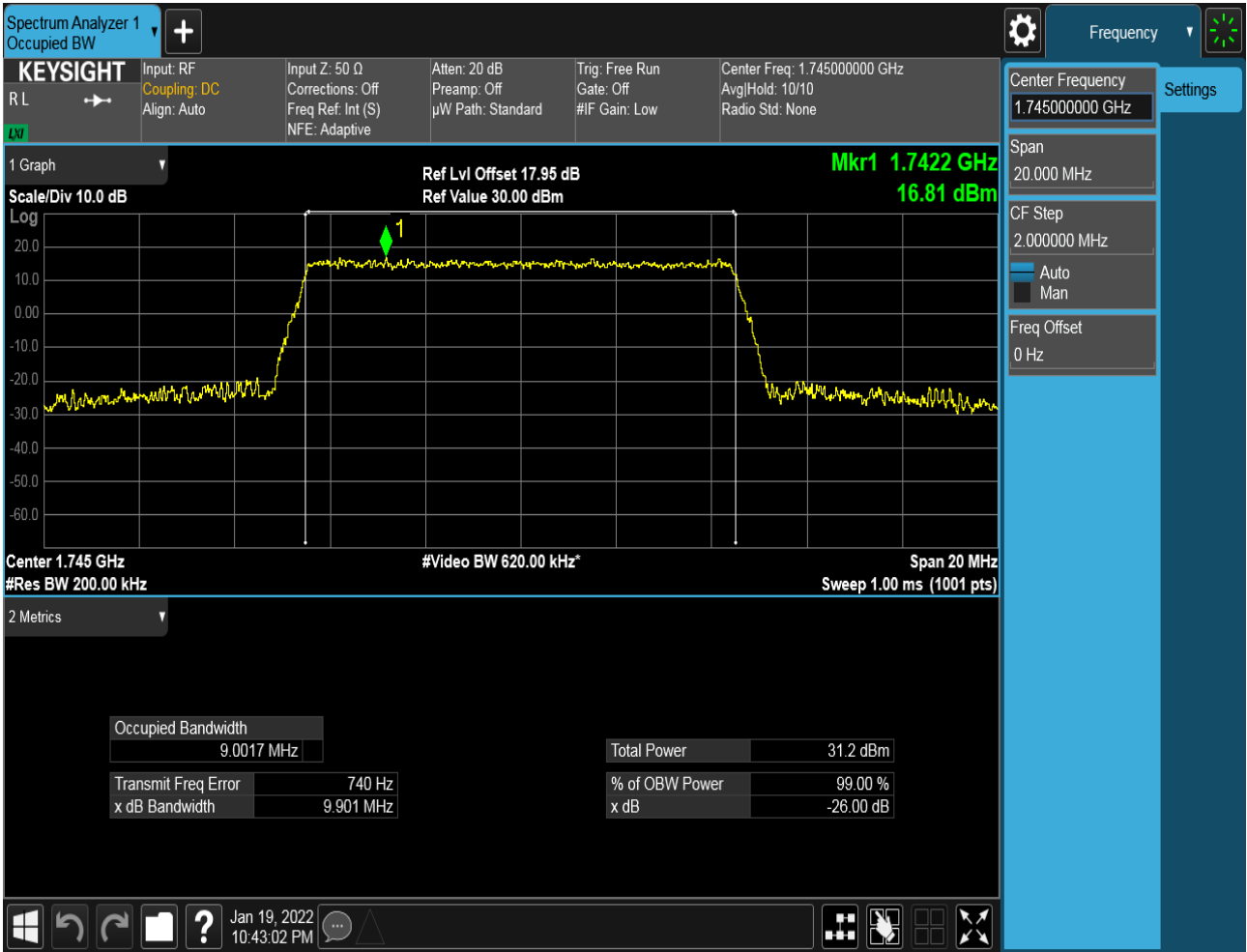
##### 4.1.1.2.4.1.1 Test RB = RB50#0





### 4.1.1.2.4.2 Test Channel = MCH

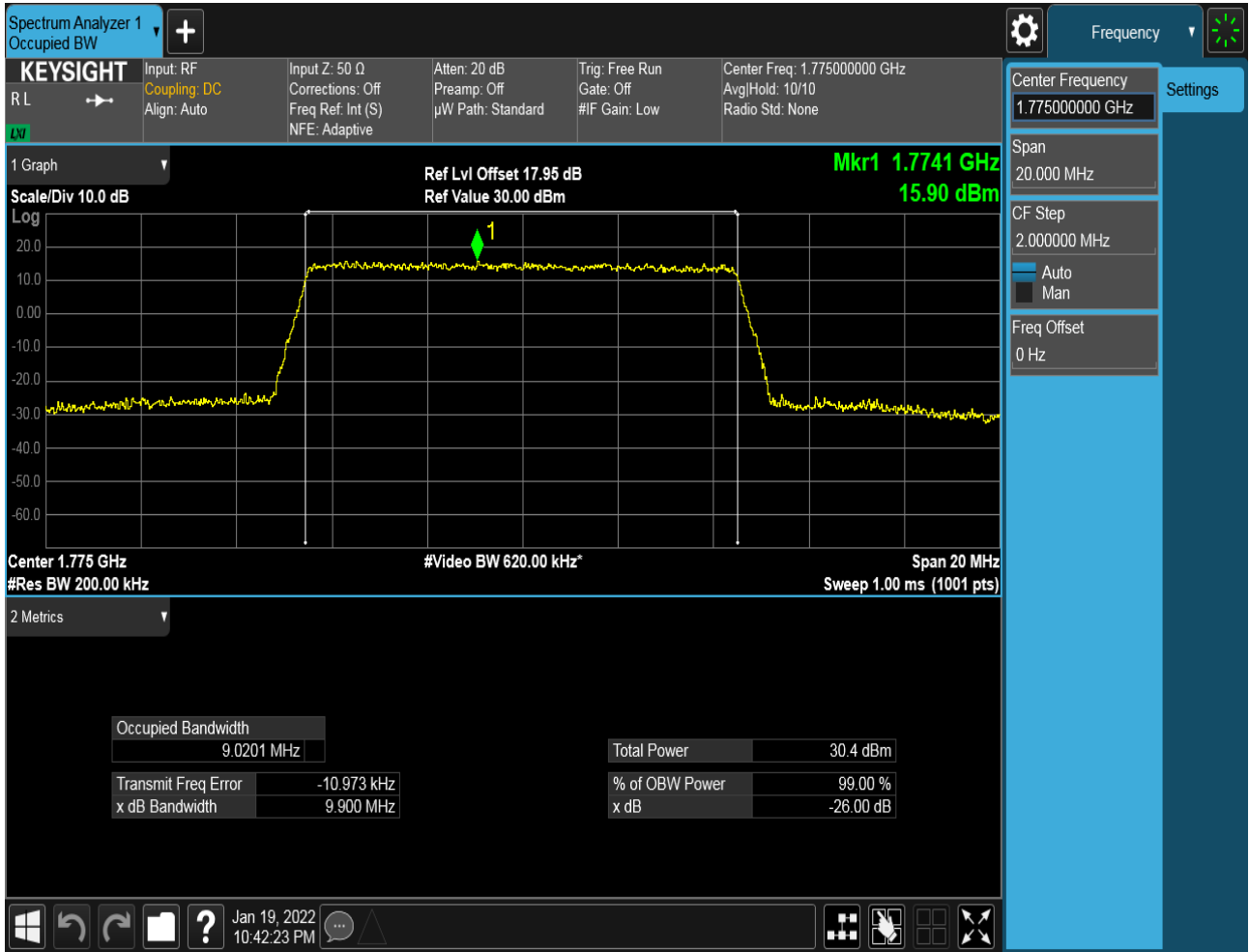
#### 4.1.1.2.4.2.1 Test RB = RB50#0





### 4.1.1.2.4.3 Test Channel = HCH

#### 4.1.1.2.4.3.1 Test RB = RB50#0

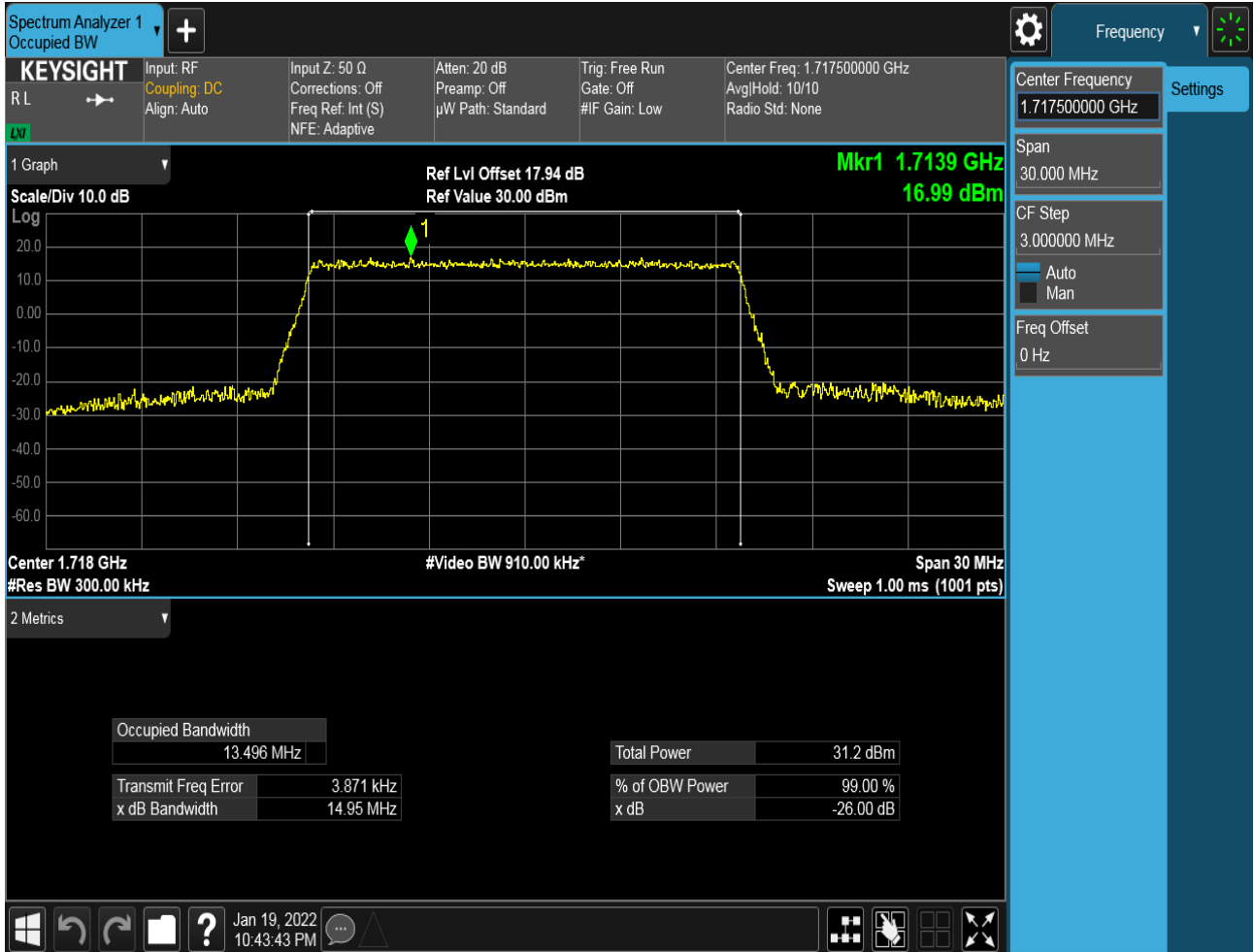




### 4.1.1.2.5 Test Bandwidth = 15MHz

#### 4.1.1.2.5.1 Test Channel = LCH

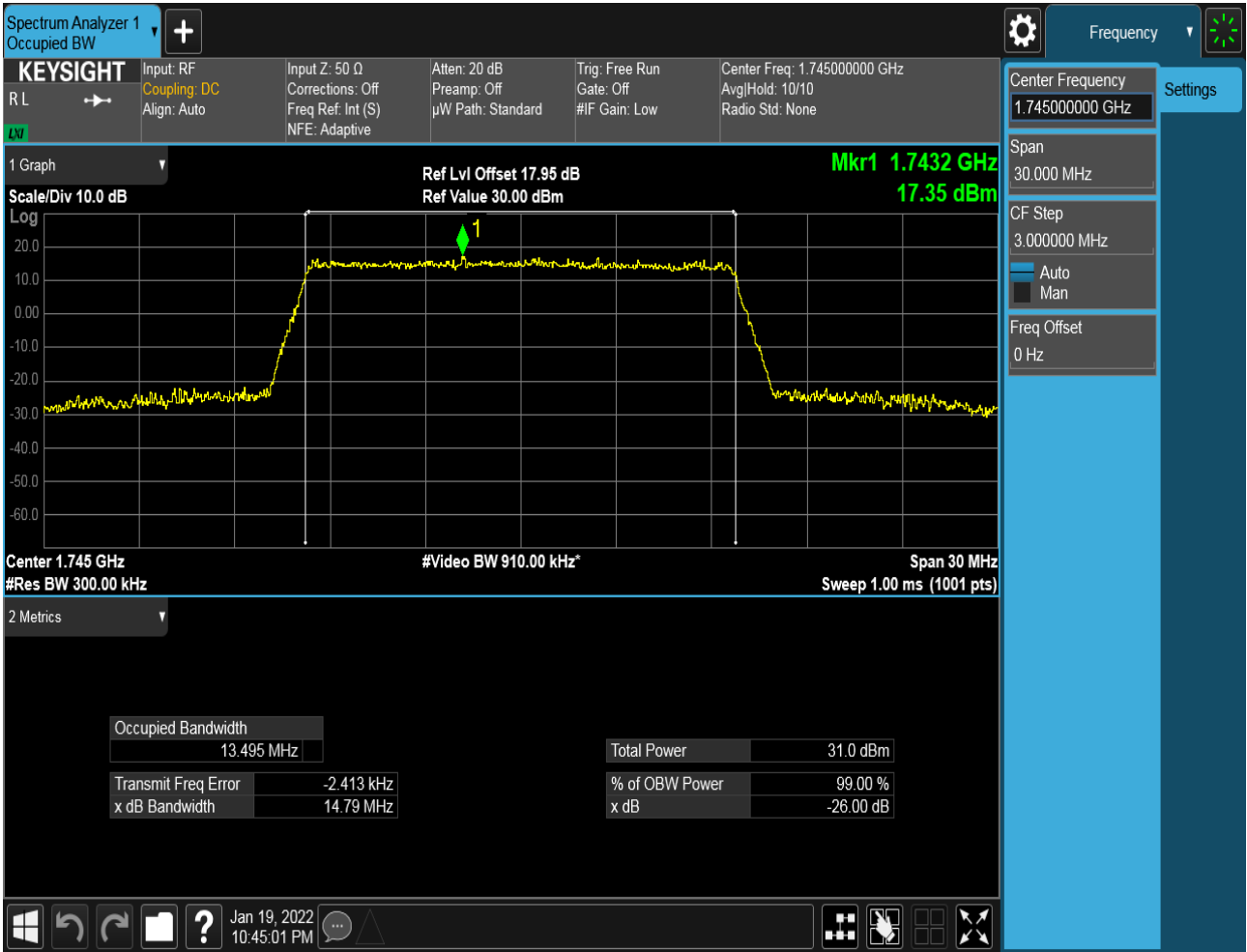
##### 4.1.1.2.5.1.1 Test RB = RB75#0





### 4.1.1.2.5.2 Test Channel = MCH

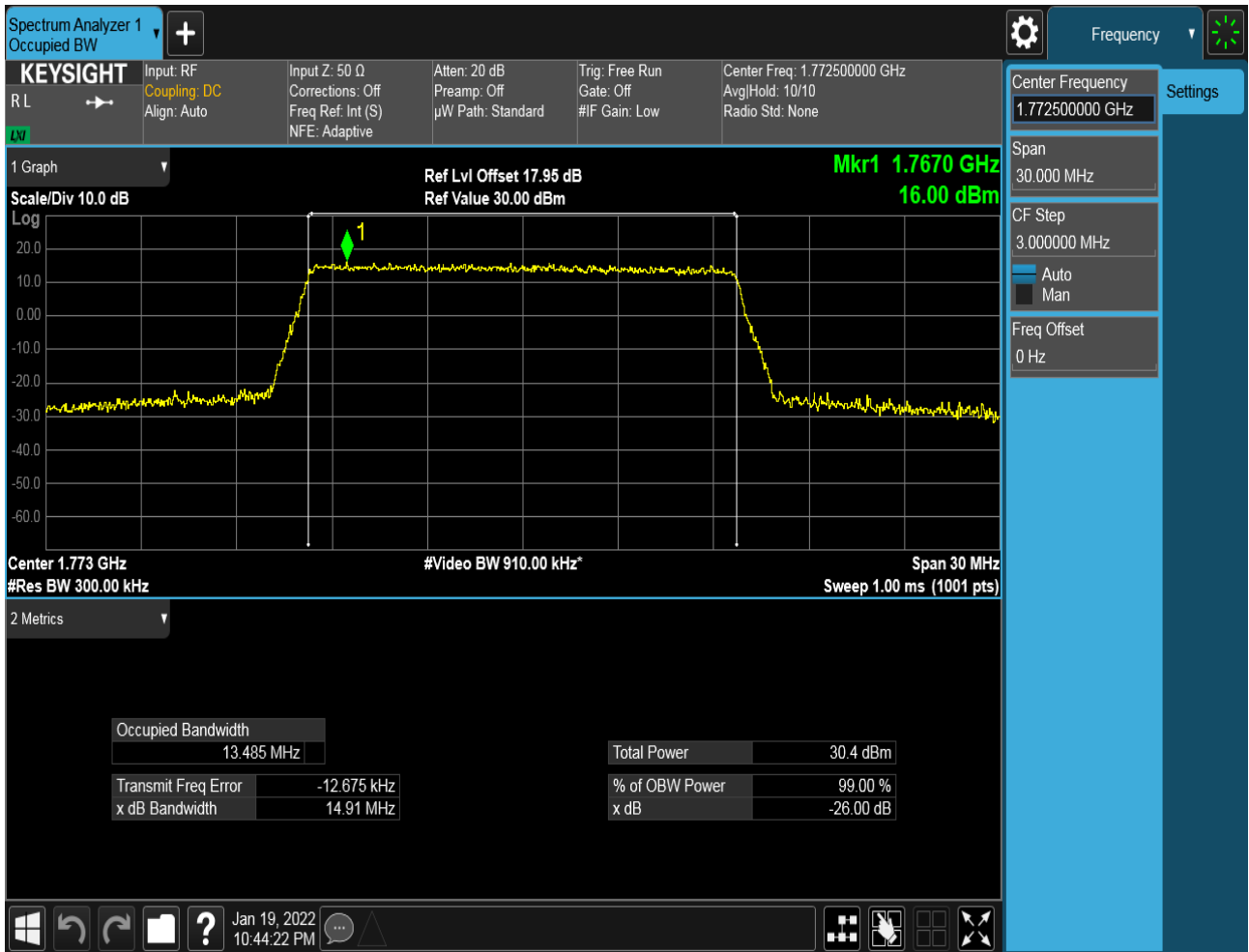
#### 4.1.1.2.5.2.1 Test RB = RB75#0





### 4.1.1.2.5.3 Test Channel = HCH

#### 4.1.1.2.5.3.1 Test RB = RB75#0

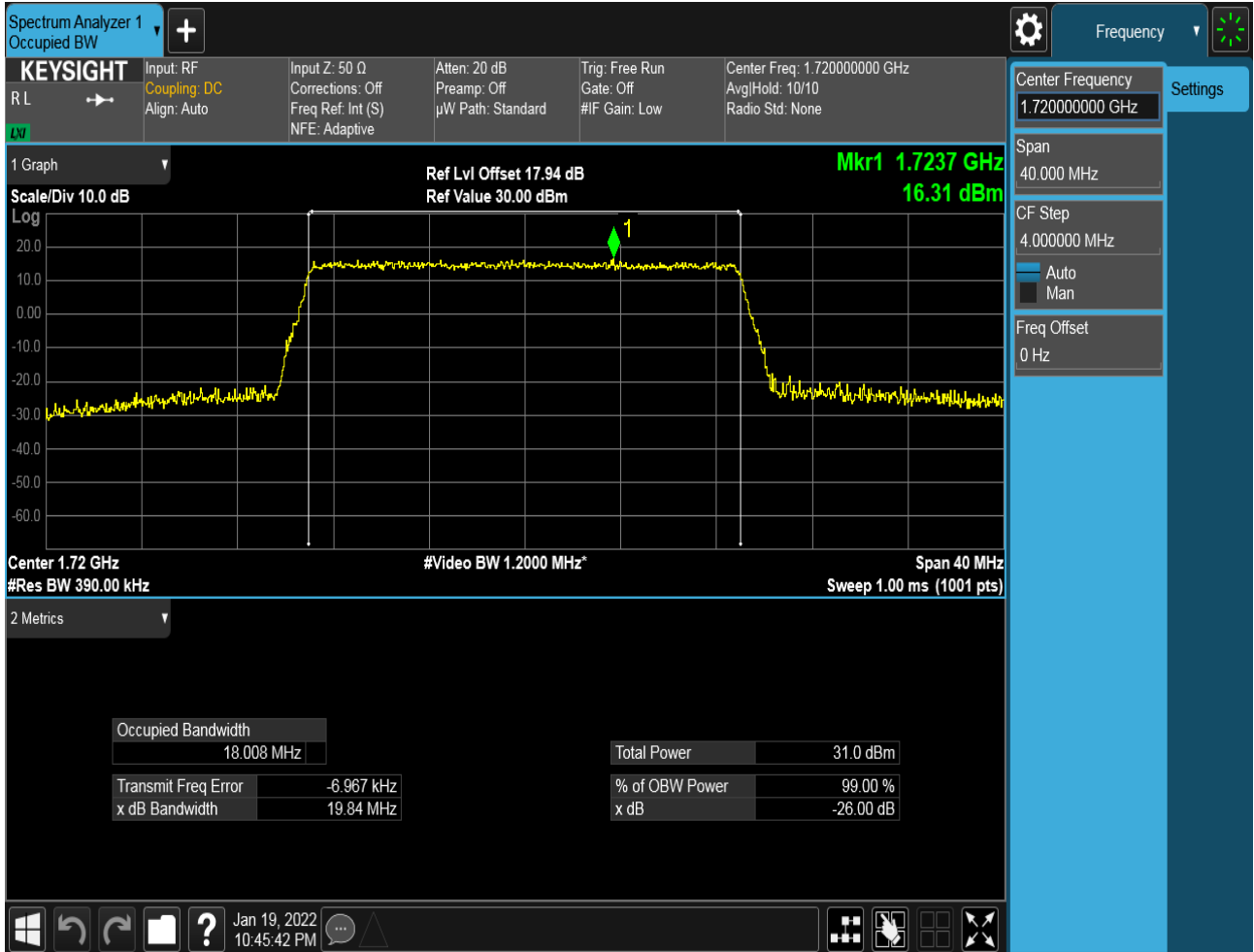




### 4.1.1.2.6 Test Bandwidth = 20MHz

#### 4.1.1.2.6.1 Test Channel = LCH

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

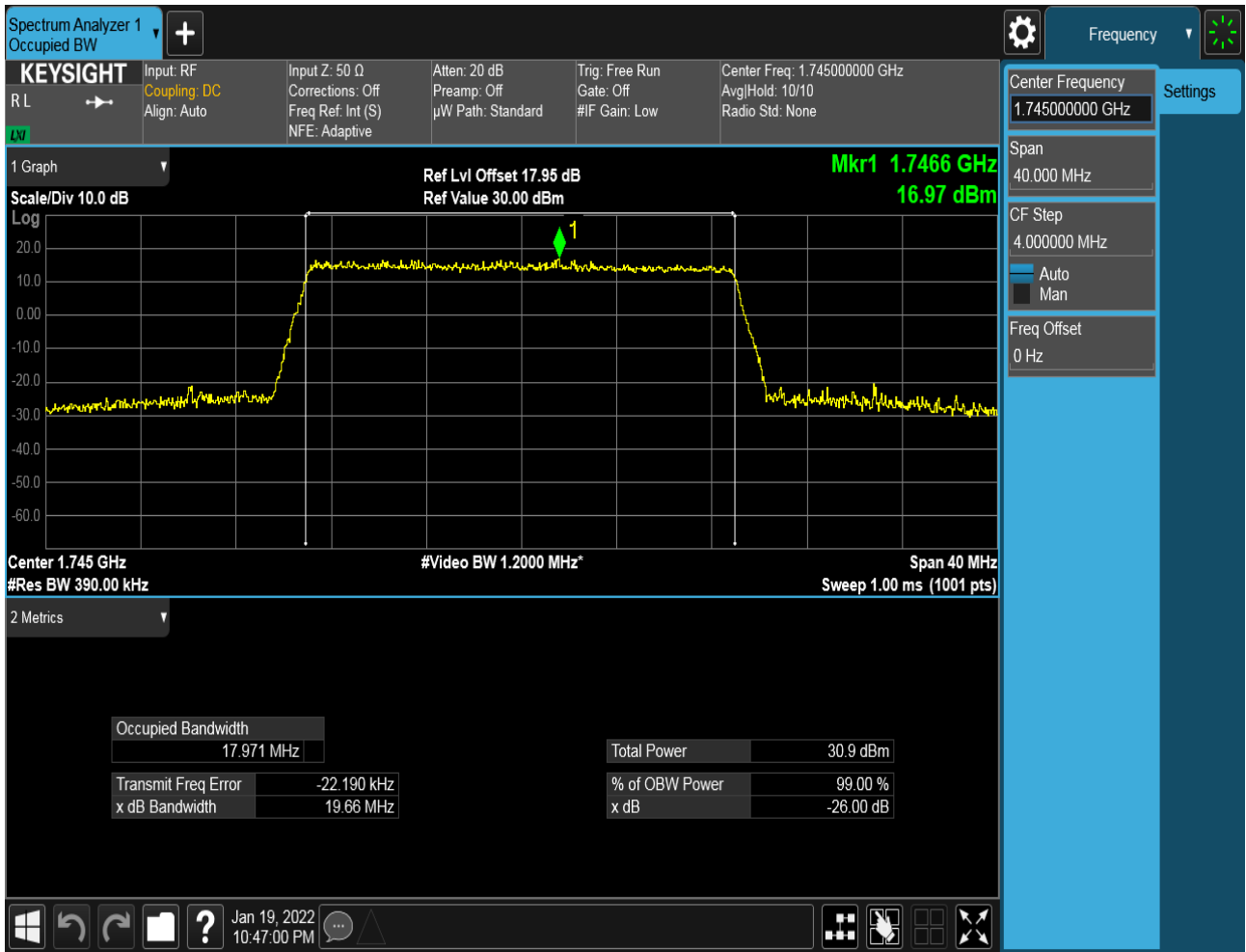






### 4.1.1.2.6.2 Test Channel = MCH

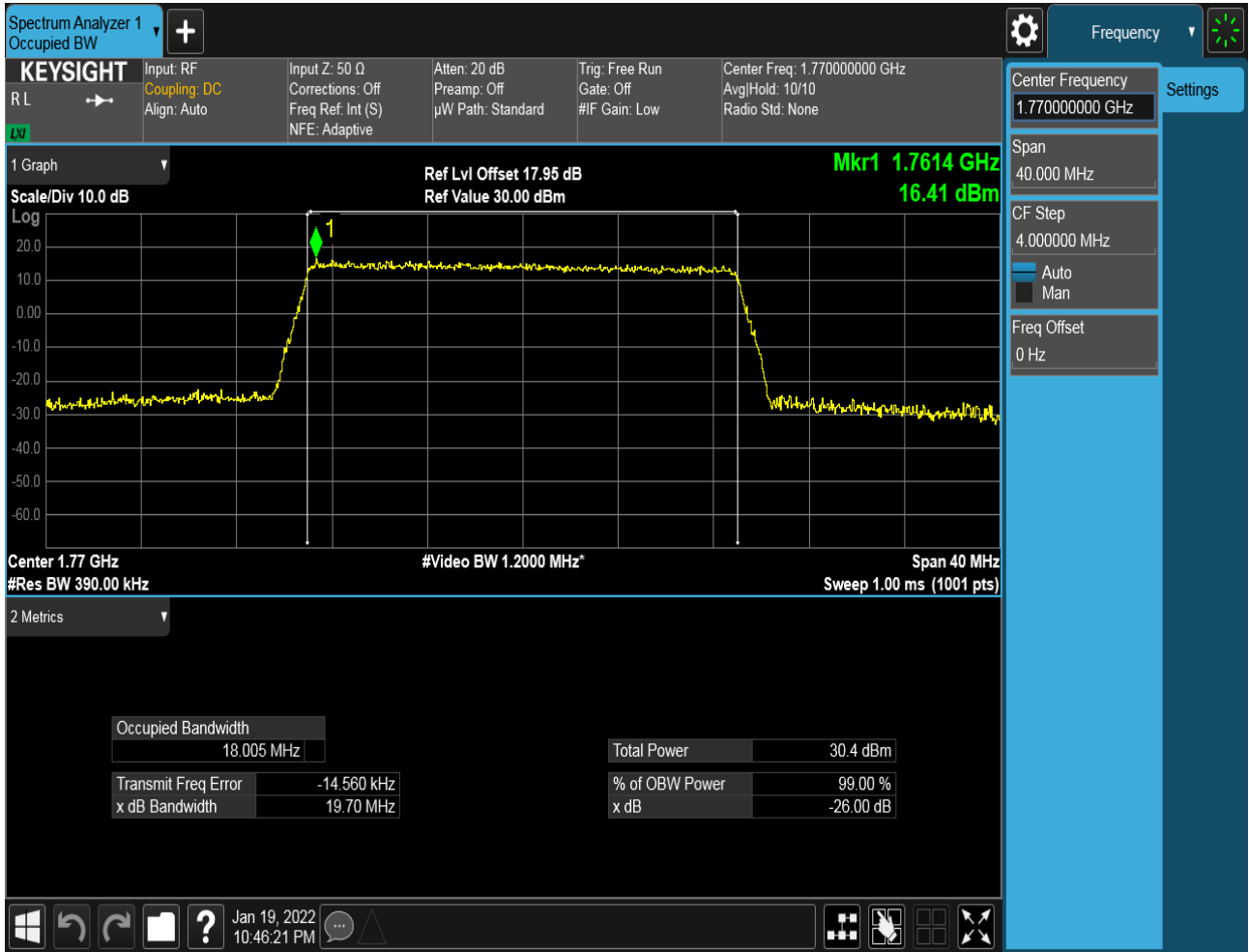
#### 4.1.1.2.6.2.1 Test RB = RB100#0





### 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

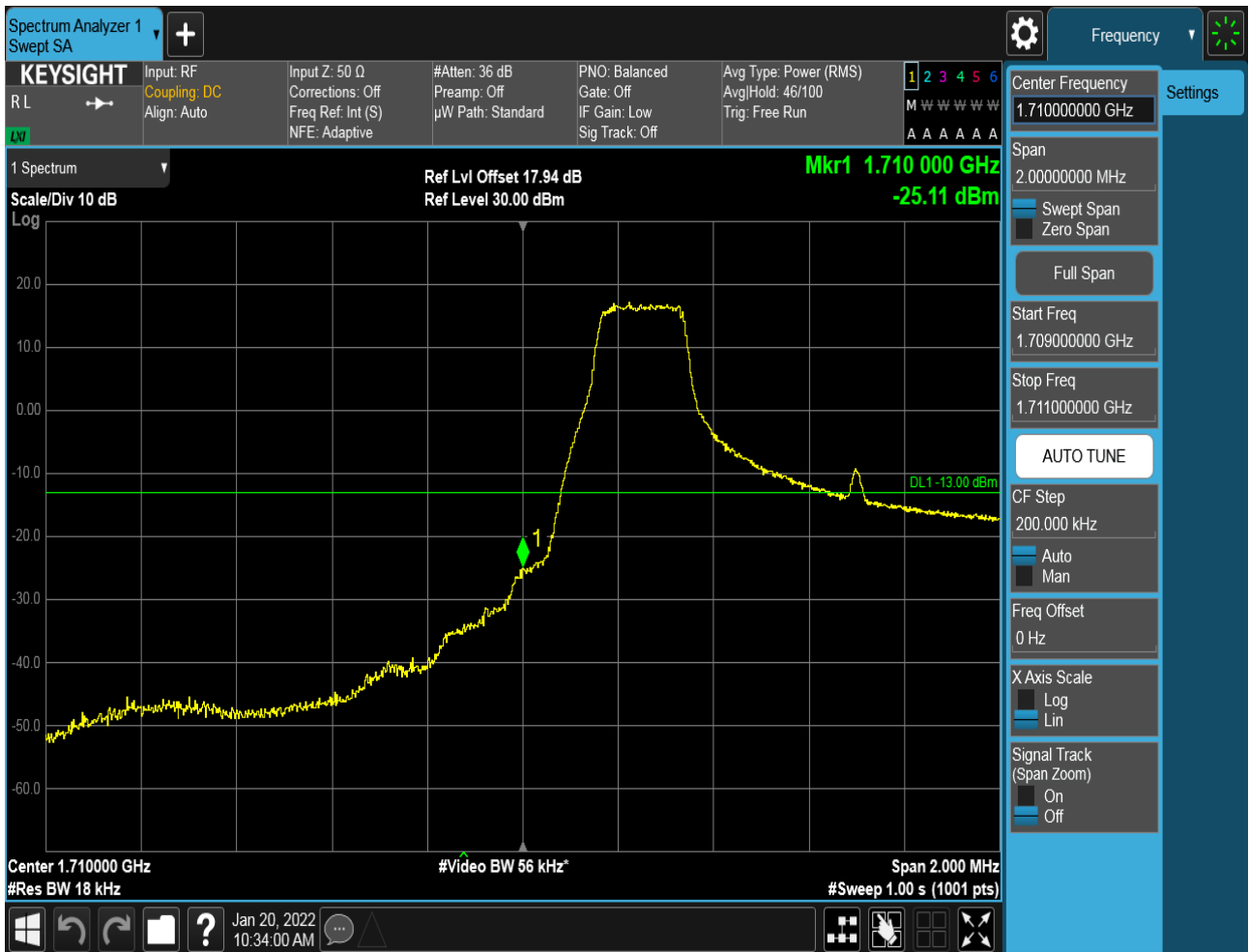
#### 5.1.1 Test Band = Band66

##### 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



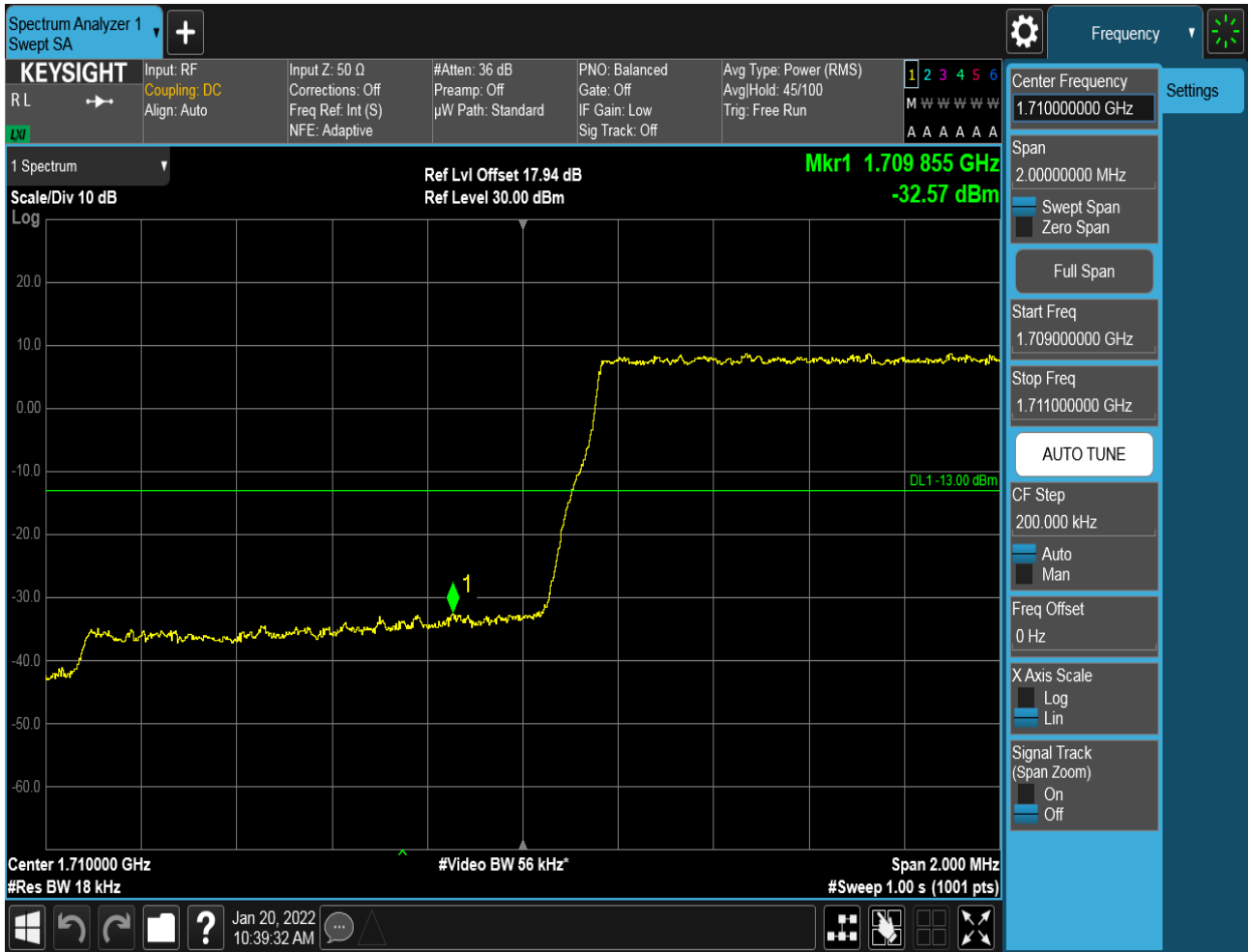


### 5.1.1.1.1.3 Test RB = RB3#2





### 5.1.1.1.1.4 Test RB = RB6#0





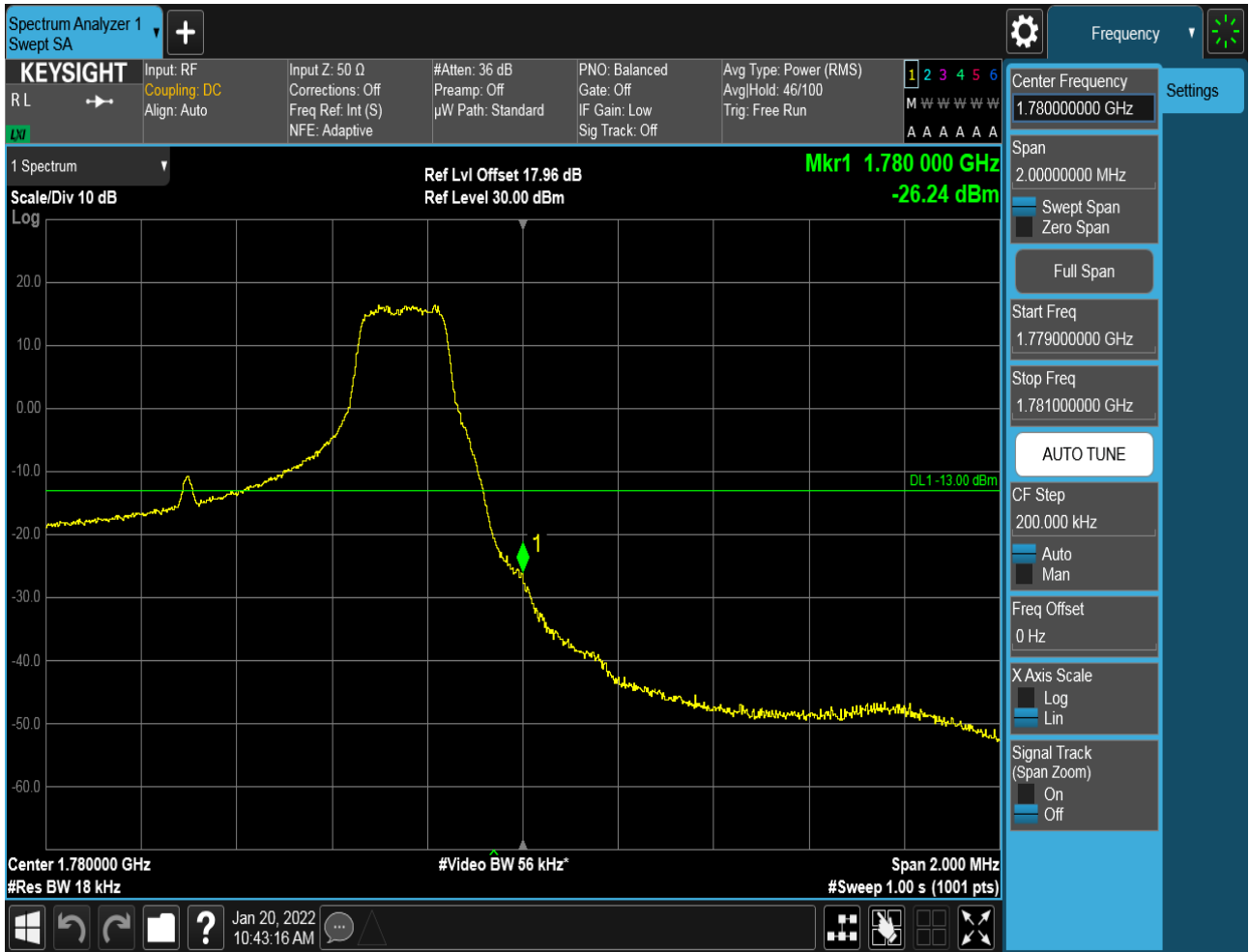
### 5.1.1.1.1.2 Test Channel = HCH

#### 5.1.1.1.1.2.1 Test RB = RB1#0





### 5.1.1.1.2.2 Test RB = RB1#5







5.1.1.1.2.3 Test RB = RB3#2





### 5.1.1.1.2.4 Test RB = RB6#0

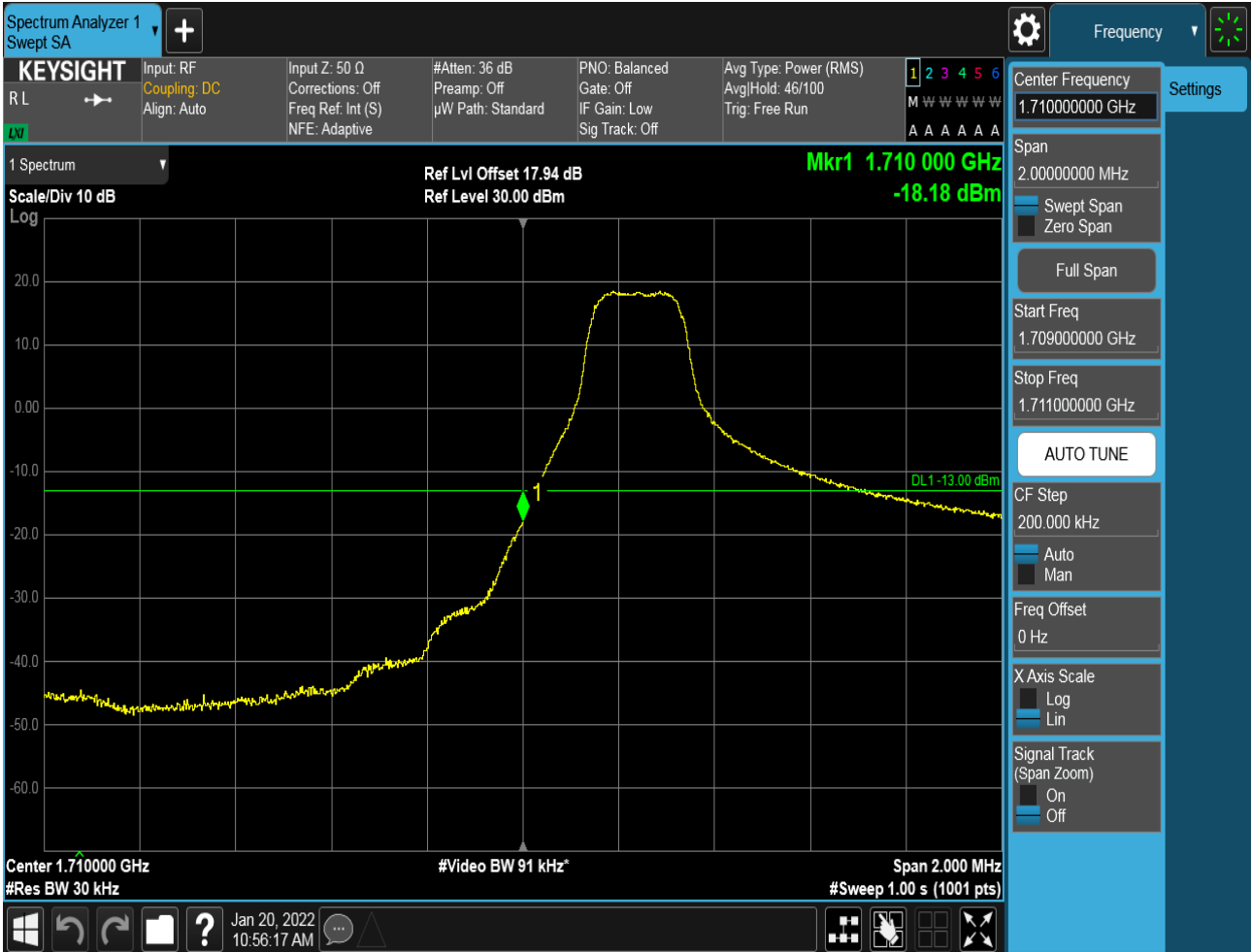




### 5.1.1.1.2 Test Bandwidth = 3MHz

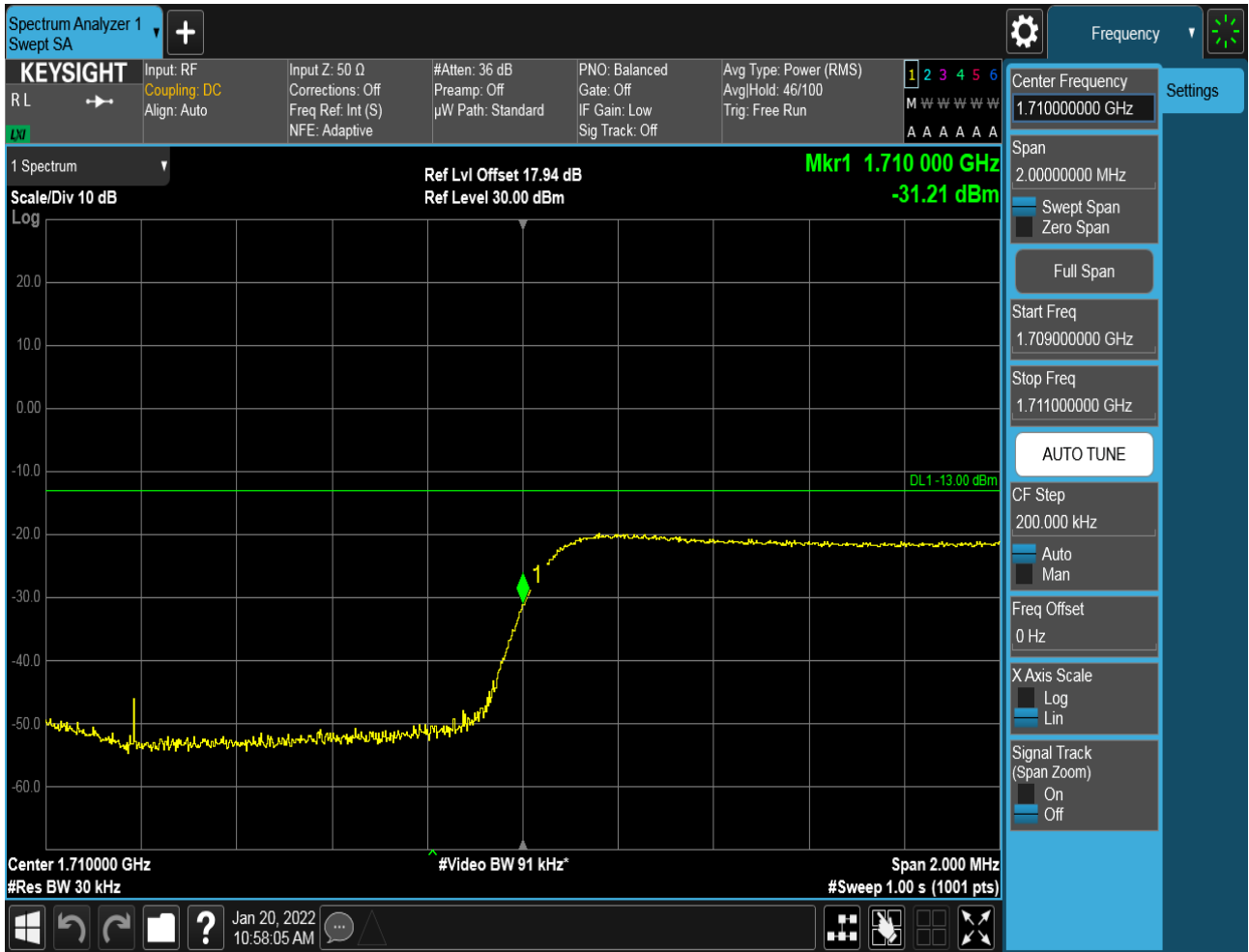
#### 5.1.1.1.2.1 Test Channel = LCH

##### 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 = RB#4





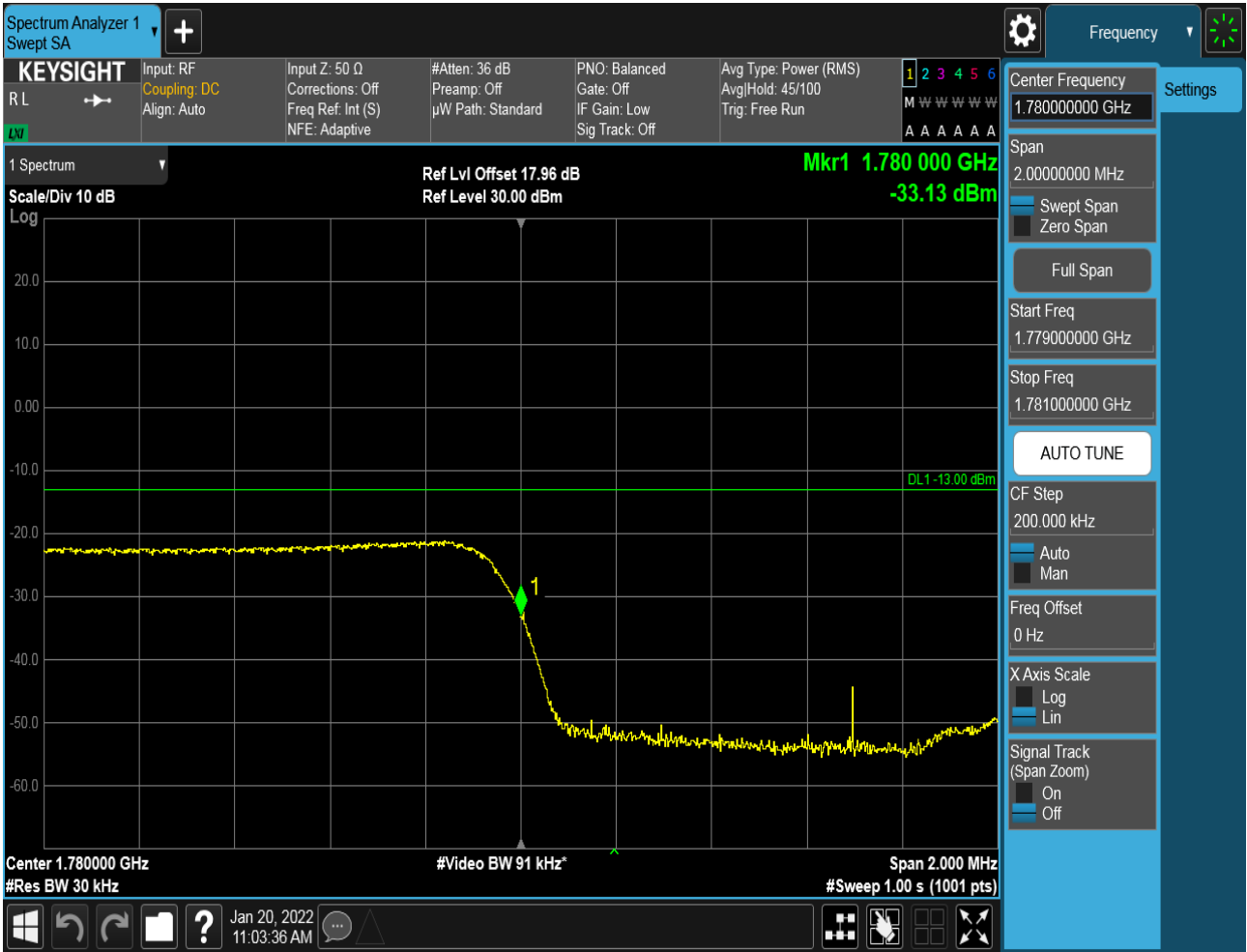
### 5.1.1.1.2.1.4 Test RB = RB15#0





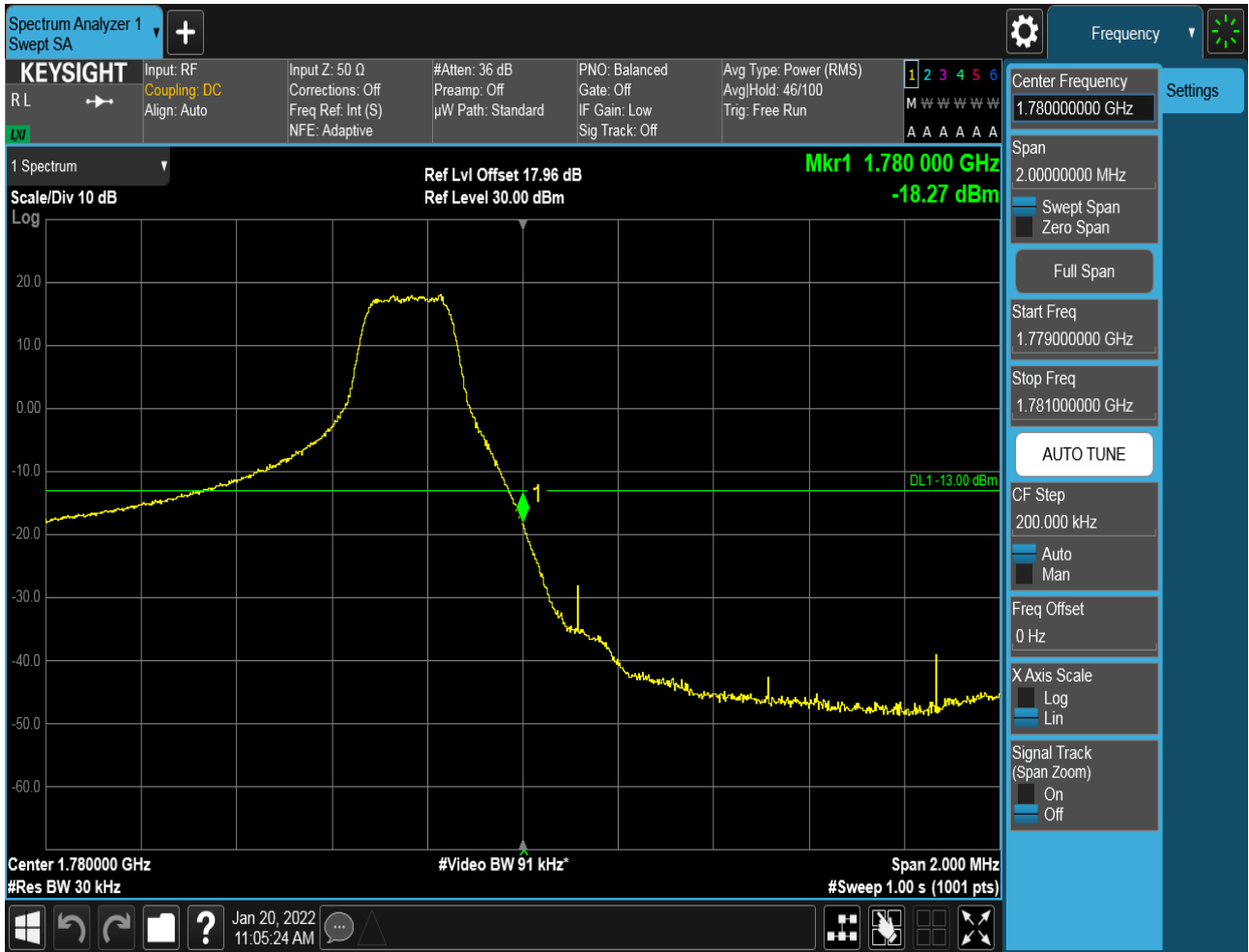
### 5.1.1.1.2.2 Test Channel = HCH

#### 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

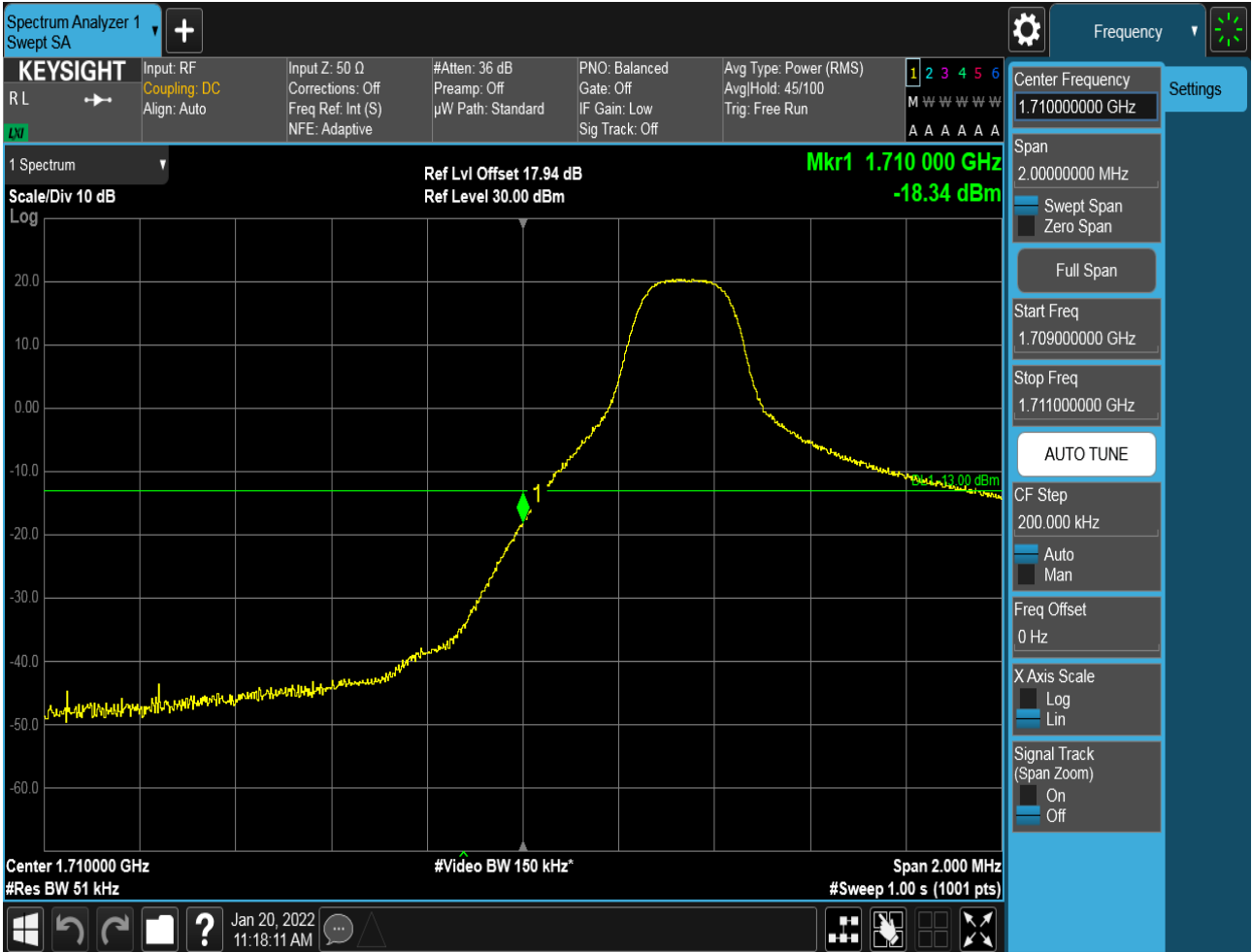




5.1.1.1.3 Test Bandwidth = 5MHz

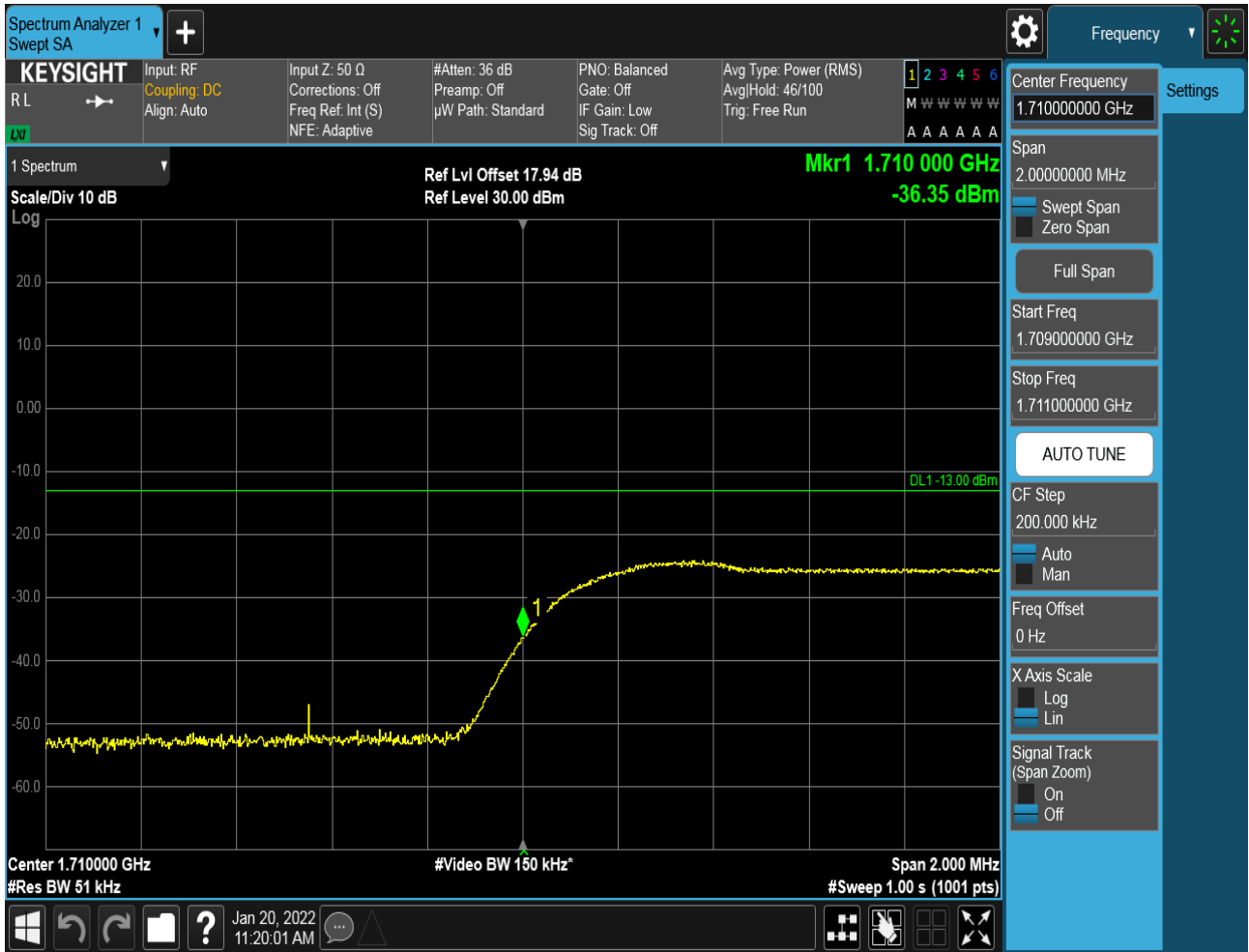
5.1.1.1.3.1 Test Channel = LCH

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





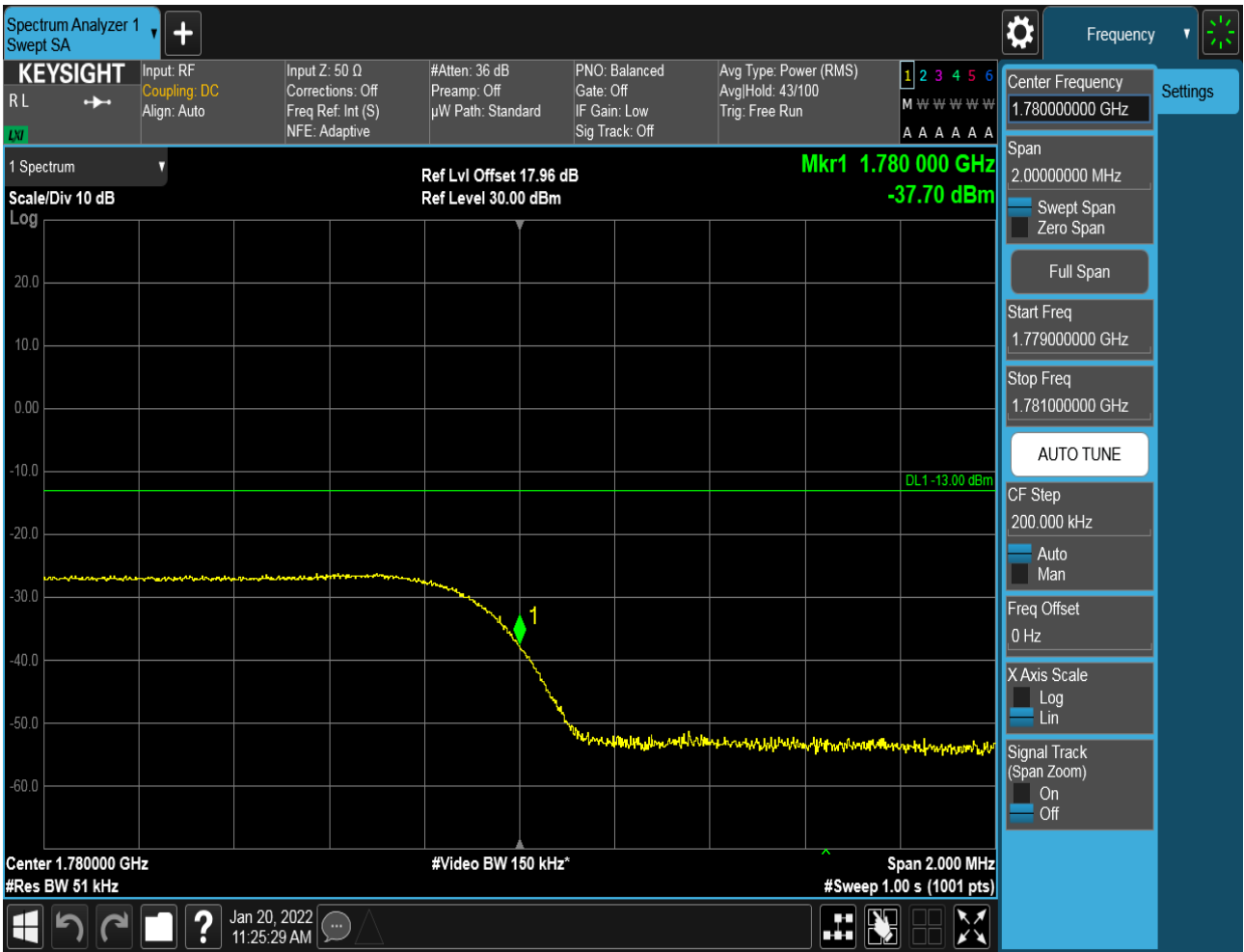
### 5.1.1.1.3.1.4 Test RB = RB25#0





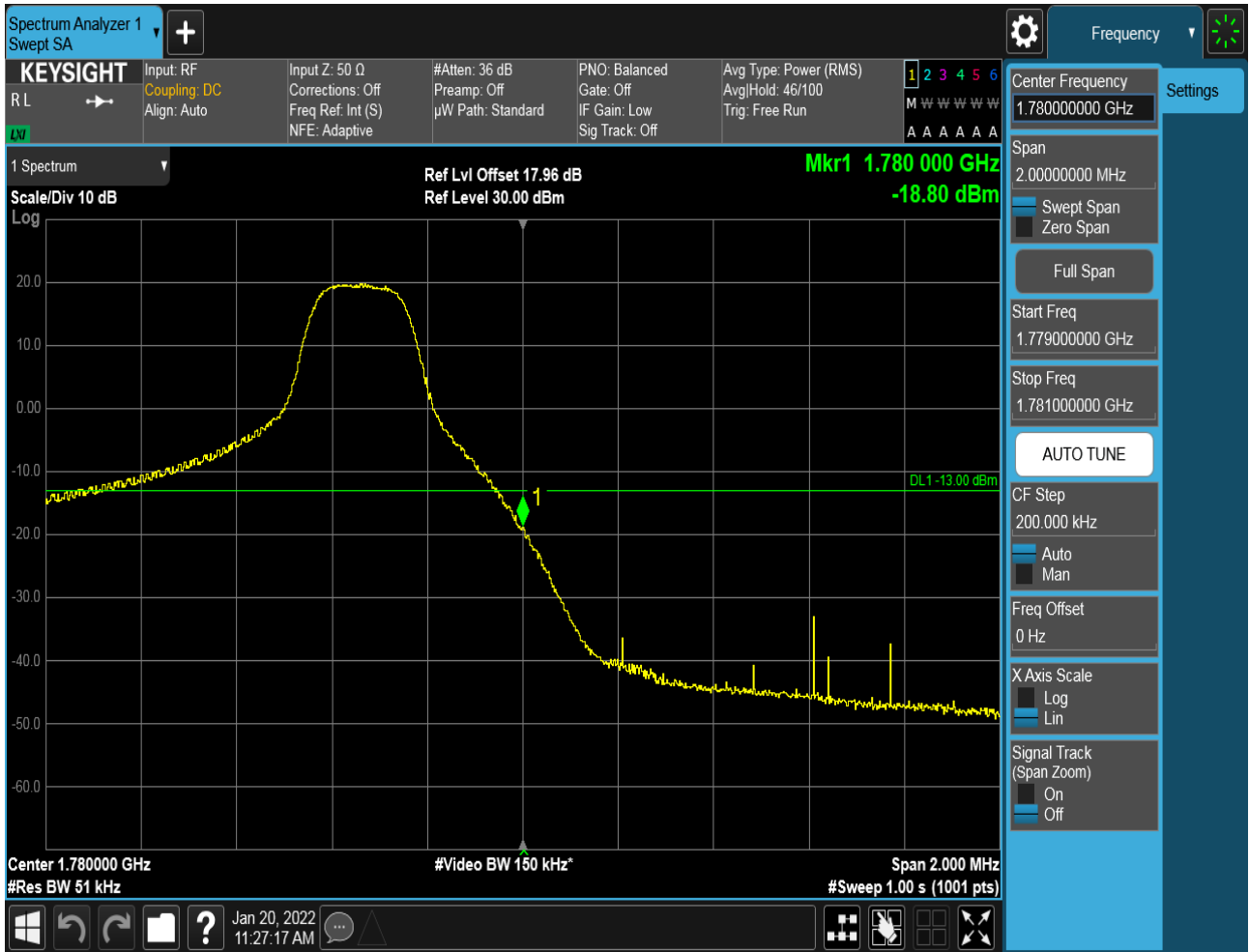
### 5.1.1.1.3.2 Test Channel = HCH

#### 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

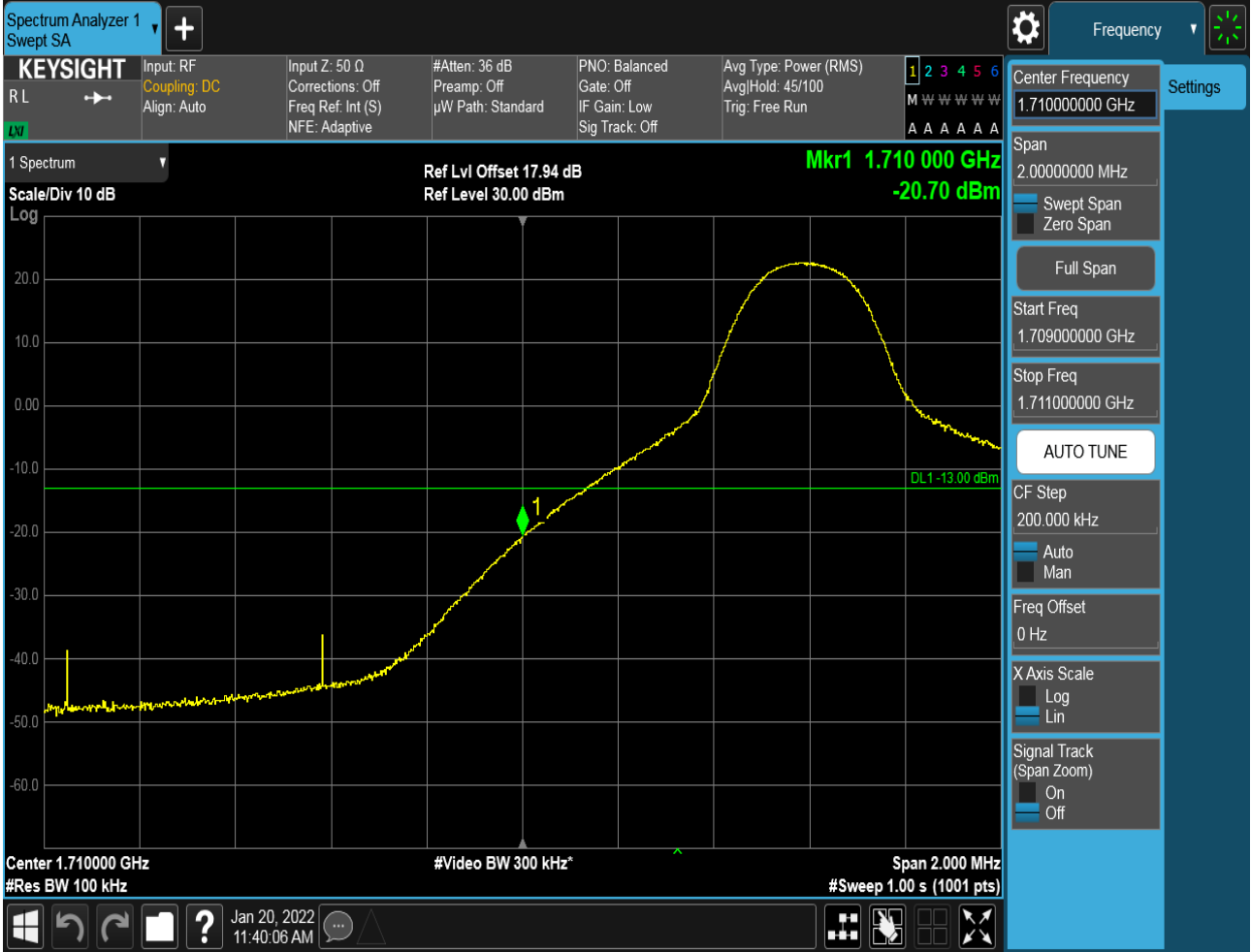




### 5.1.1.1.4 Test Bandwidth = 10MHz

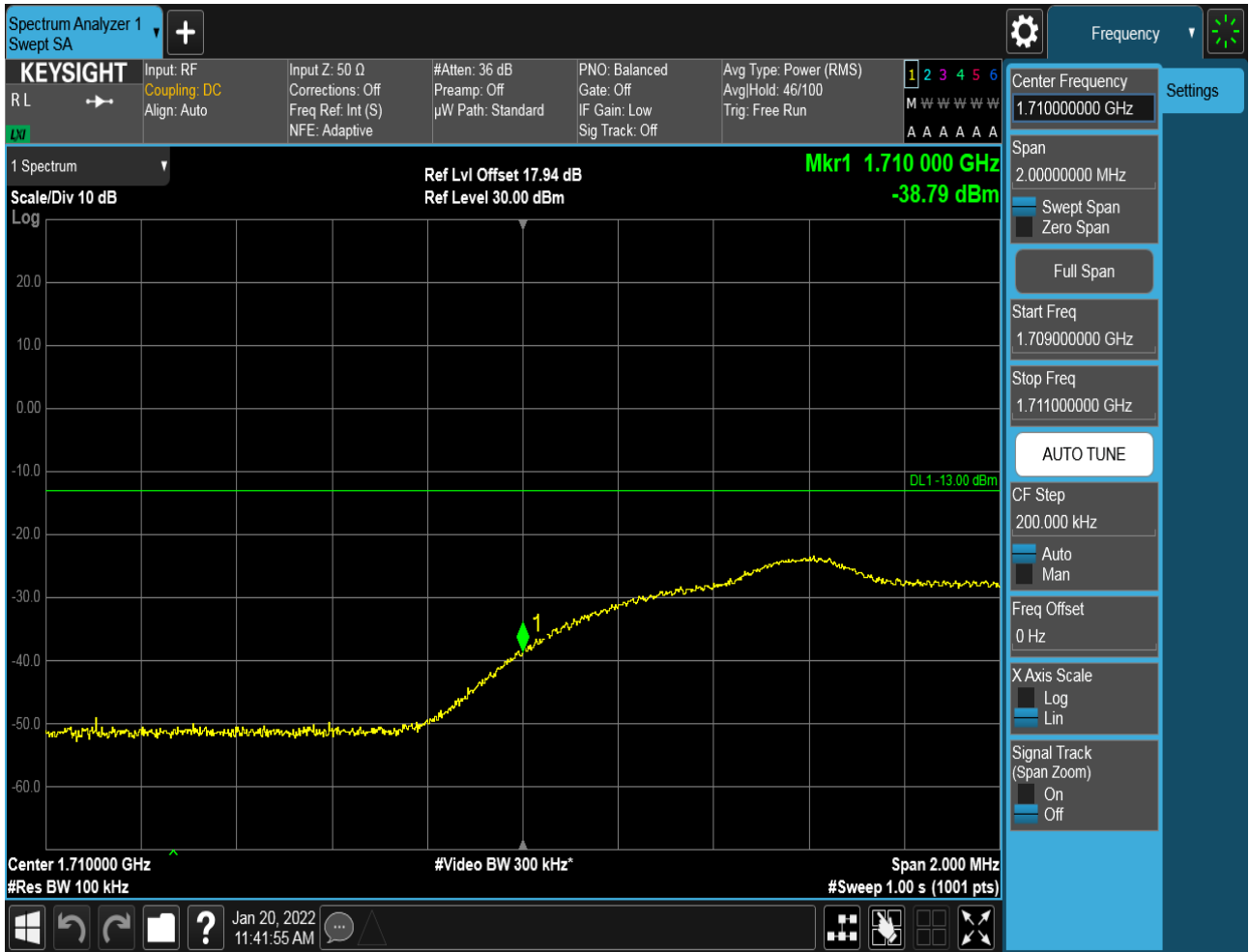
#### 5.1.1.1.4.1 Test Channel = LCH

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



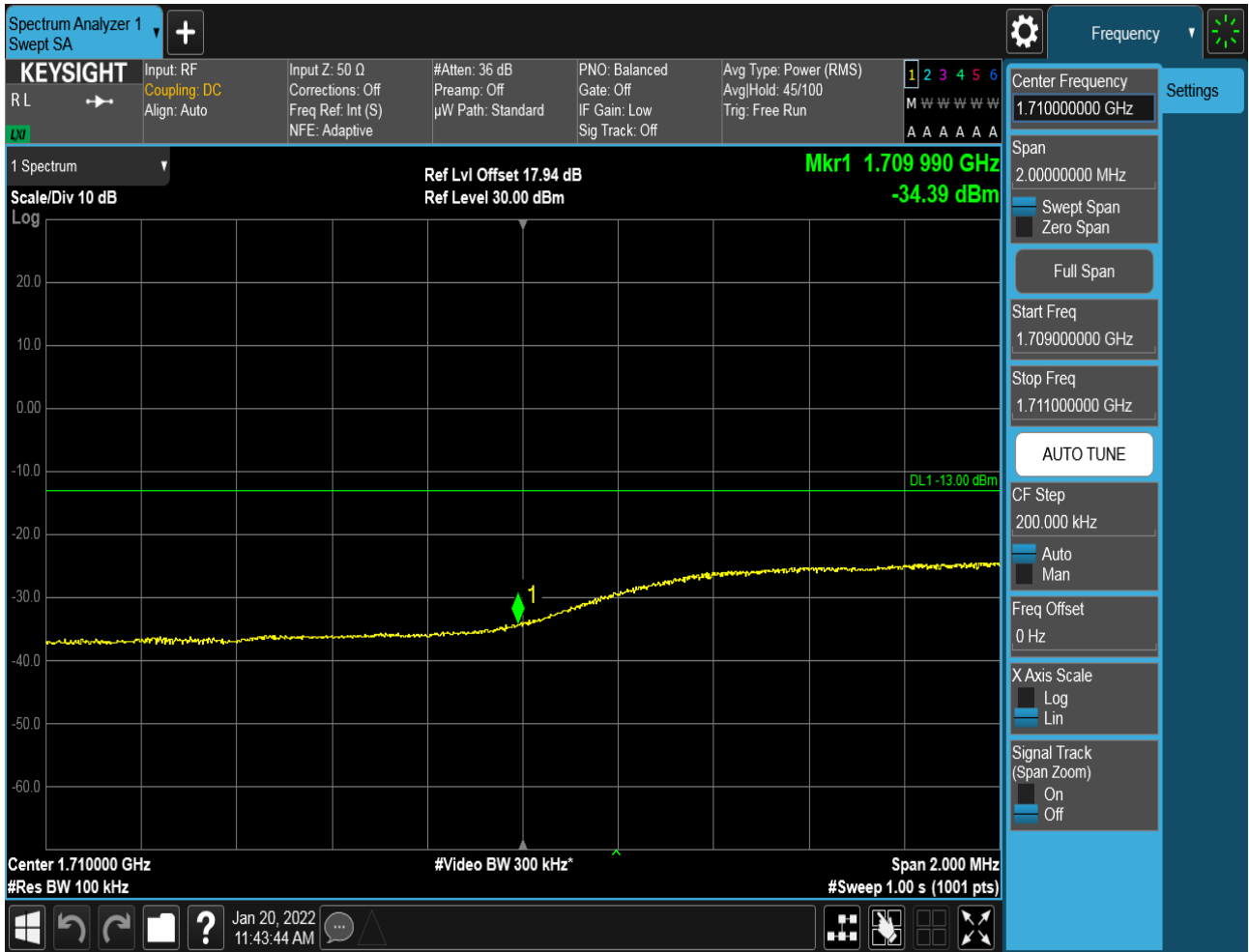


### 5.1.1.1.4.1.2 Test RB = RB1#49





### 5.1.1.1.4.1.3 Test RB = RB25#13





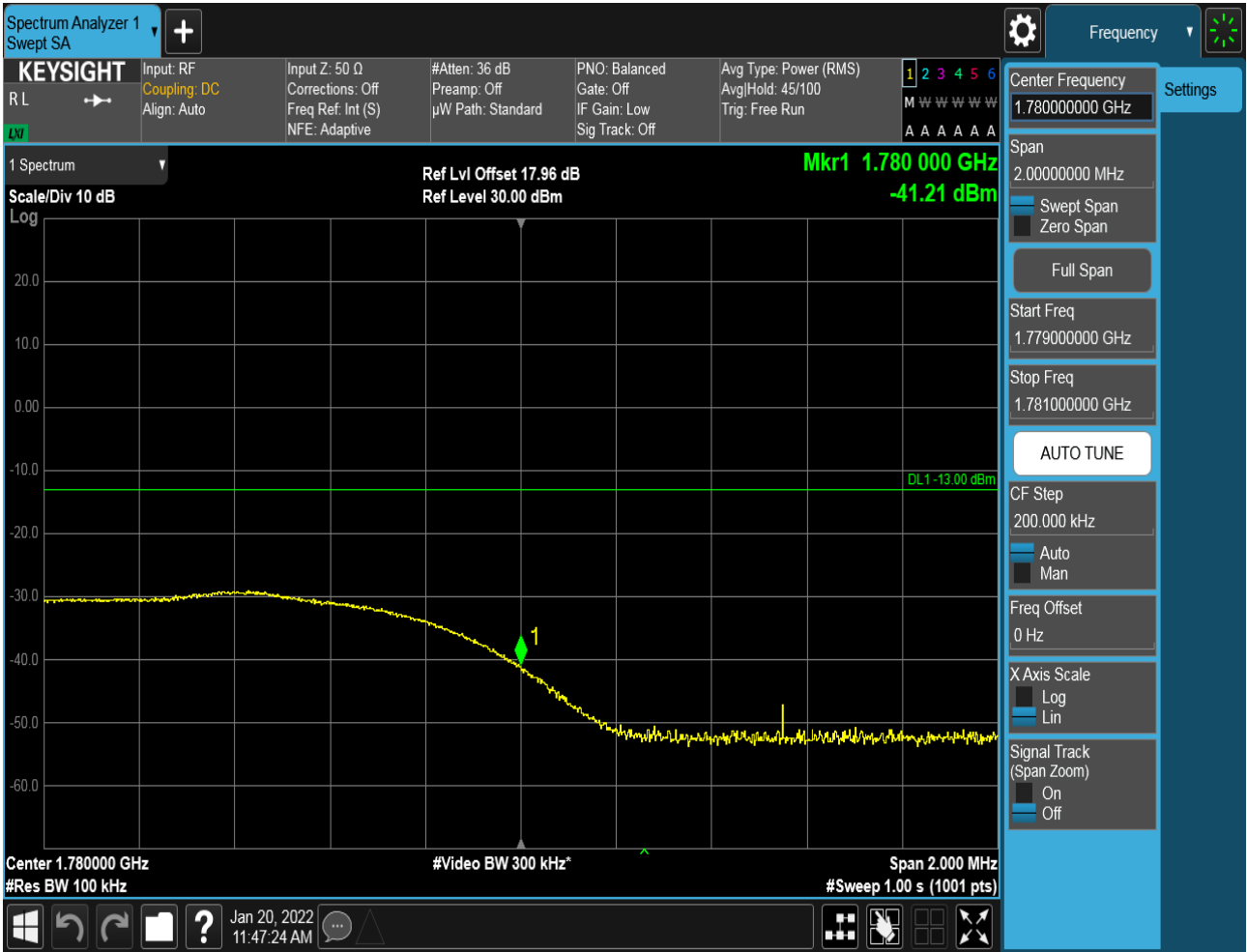
### 5.1.1.1.4.1.4 Test RB = RB50#0





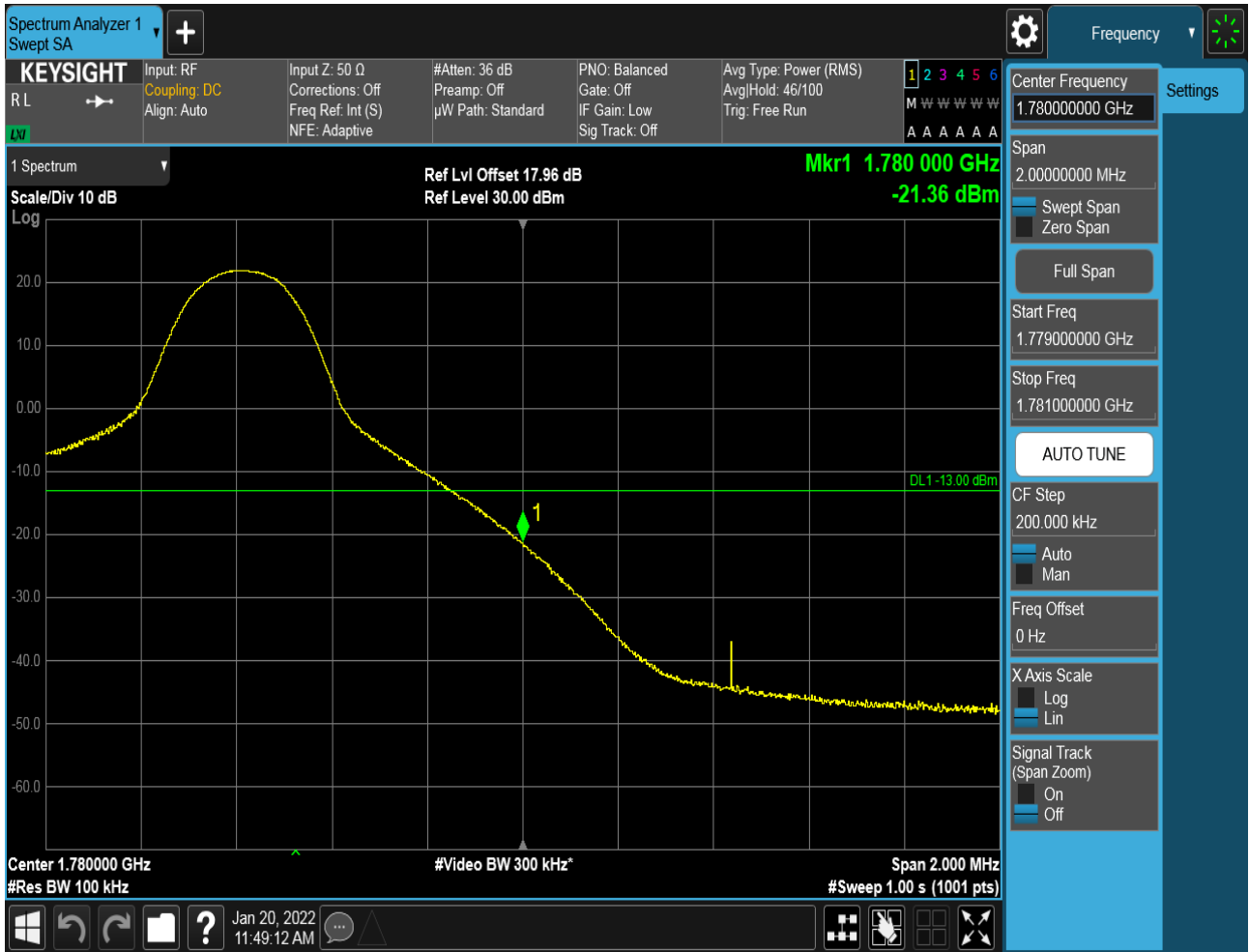
### 5.1.1.1.4.2 Test Channel = HCH

#### 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



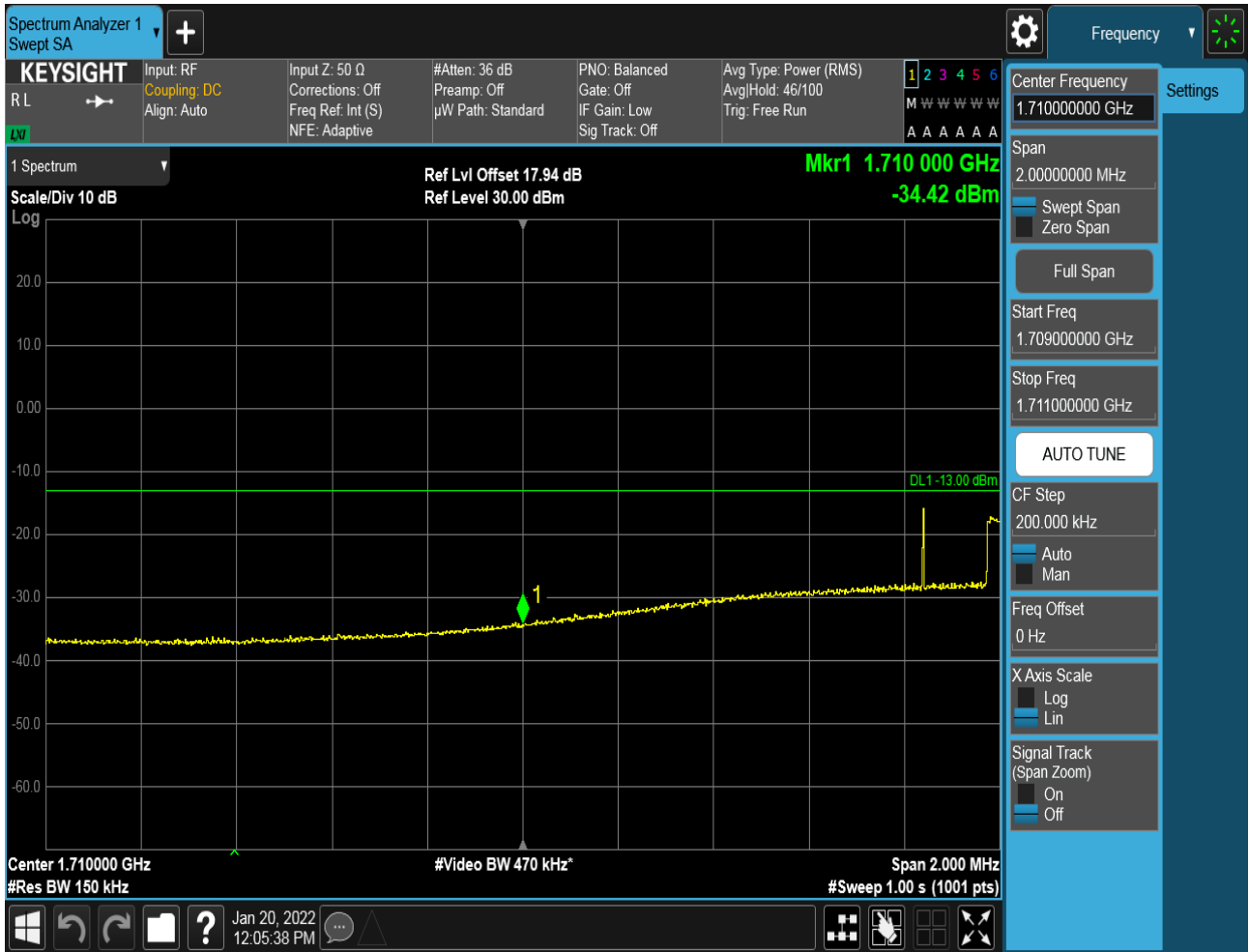


### 5.1.1.1.5.1.2 Test RB = RB1#74



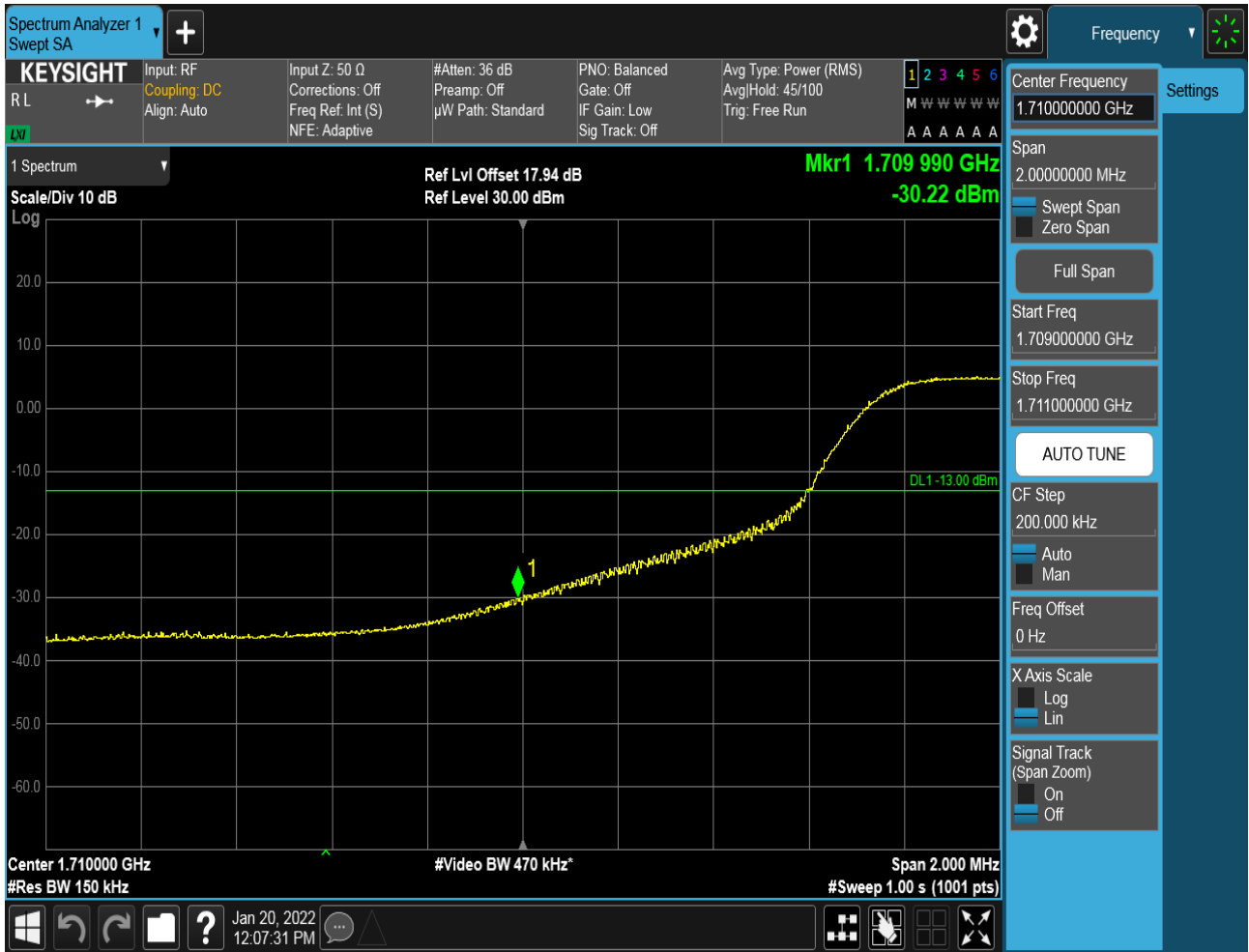


### 5.1.1.1.5.1.3 Test RB = RB38#19





### 5.1.1.1.5.1.4 Test RB = RB75#0





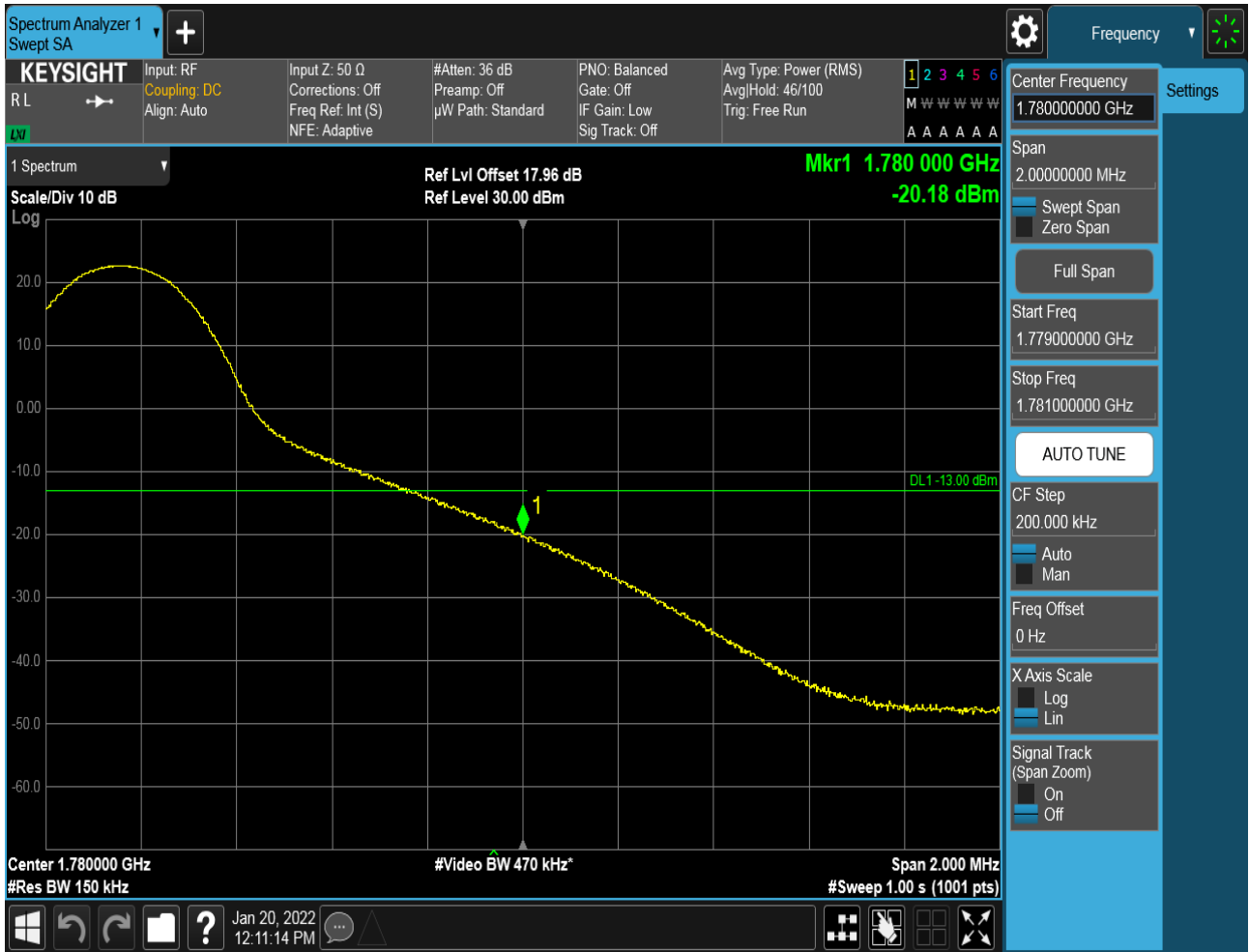
### 5.1.1.1.5.2 Test Channel = HCH

#### 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

