



# 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	23.61	23.51	30	PASS
				RB1#3	23.15	23.05	30	PASS
				RB1#5	23.59	23.49	30	PASS
				RB3#0	23.44	23.34	30	PASS
				RB3#2	23.42	23.32	30	PASS
				RB3#3	23.46	23.36	30	PASS
				RB6#0	22.46	22.36	30	PASS
			MCH	RB1#0	23.67	23.57	30	PASS
				RB1#3	23.12	23.02	30	PASS
				RB1#5	23.53	23.43	30	PASS
				RB3#0	23.47	23.37	30	PASS
				RB3#2	23.52	23.42	30	PASS
				RB3#3	23.55	23.45	30	PASS
				RB6#0	22.60	22.50	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
			HCH	RB1#0	23.67	23.57	30	PASS		
				RB1#3	23.47	23.37	30	PASS		
				RB1#5	23.49	23.39	30	PASS		
				RB3#0	23.52	23.42	30	PASS		
				RB3#2	23.40	23.30	30	PASS		
				RB3#3	23.48	23.38	30	PASS		
				RB6#0	22.45	22.35	30	PASS		
		3	LCH	RB1#0	23.50	23.40	30	PASS		
				RB1#7	23.25	23.15	30	PASS		
				RB1#14	23.57	23.47	30	PASS		
				RB8#0	22.49	22.39	30	PASS		
				RB8#4	22.52	22.42	30	PASS		
				RB8#7	22.54	22.44	30	PASS		
		MCH	RB15#0	22.53	22.43	30	PASS			
			RB1#0	23.56	23.46	30	PASS			
			RB1#7	22.70	22.60	30	PASS			
					MCH	RB1#14	23.55	23.45	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	22.59	22.49	30	PASS	
				RB8#4	22.64	22.54	30	PASS	
				RB8#7	22.59	22.49	30	PASS	
				RB15#0	22.66	22.56	30	PASS	
			HCH	RB1#0	23.63	23.53	30	PASS	
				RB1#7	23.25	23.15	30	PASS	
				RB1#14	23.58	23.48	30	PASS	
				RB8#0	22.58	22.48	30	PASS	
				RB8#4	22.61	22.51	30	PASS	
				RB8#7	22.47	22.37	30	PASS	
				RB15#0	22.57	22.47	30	PASS	
			5	LCH	RB1#0	23.62	23.52	30	PASS
					RB1#13	23.62	23.52	30	PASS
					RB1#24	23.58	23.48	30	PASS
		RB12#0			22.55	22.45	30	PASS	
		RB12#6			22.51	22.41	30	PASS	
		RB12#13			22.58	22.48	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.56	22.46	30	PASS
			MCH	RB1#0	23.64	23.54	30	PASS
				RB1#13	23.71	23.61	30	PASS
				RB1#24	23.64	23.54	30	PASS
				RB12#0	22.70	22.60	30	PASS
				RB12#6	22.67	22.57	30	PASS
				RB12#13	22.64	22.54	30	PASS
				RB25#0	22.65	22.55	30	PASS
				HCH	RB1#0	23.51	23.41	30
			RB1#13		23.52	23.42	30	PASS
			RB1#24		23.56	23.46	30	PASS
			RB12#0		22.58	22.48	30	PASS
			RB12#6		22.54	22.44	30	PASS
			RB12#13		22.61	22.51	30	PASS
			10	LCH	RB1#0	23.57	23.47	30
		RB1#25			23.43	23.33	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.67	23.57	30	PASS
				RB25#0	22.52	22.42	30	PASS
				RB25#13	22.66	22.56	30	PASS
				RB25#25	22.64	22.54	30	PASS
				RB50#0	22.59	22.49	30	PASS
			MCH	RB1#0	23.49	23.39	30	PASS
				RB1#25	23.20	23.10	30	PASS
				RB1#49	23.57	23.47	30	PASS
				RB25#0	22.69	22.59	30	PASS
				RB25#13	22.67	22.57	30	PASS
				RB25#25	22.64	22.54	30	PASS
				RB50#0	22.67	22.57	30	PASS
			HCH	RB1#0	23.54	23.44	30	PASS
				RB1#25	23.20	23.10	30	PASS
				RB1#49	23.48	23.38	30	PASS
				RB25#0	22.64	22.54	30	PASS
				RB25#13	22.59	22.49	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.57	22.47	30	PASS
				RB50#0	22.58	22.48	30	PASS
		15	LCH	RB1#0	23.41	23.31	30	PASS
				RB1#38	23.66	23.56	30	PASS
				RB1#74	23.46	23.36	30	PASS
				RB38#0	22.64	22.54	30	PASS
				RB38#19	22.63	22.53	30	PASS
				RB38#39	22.60	22.50	30	PASS
				RB75#0	22.63	22.53	30	PASS
				MCH	RB1#0	23.37	23.27	30
			RB1#38		23.69	23.59	30	PASS
			RB1#74		23.50	23.40	30	PASS
			RB38#0		22.66	22.56	30	PASS
			RB38#19		22.66	22.56	30	PASS
			HCH	RB38#39	22.64	22.54	30	PASS
RB75#0	22.58	22.48		30	PASS			
			HCH	RB1#0	23.45	23.35	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.64	23.54	30	PASS
				RB1#74	23.35	23.25	30	PASS
				RB38#0	22.63	22.53	30	PASS
				RB38#19	22.64	22.54	30	PASS
				RB38#39	22.56	22.46	30	PASS
				RB75#0	22.61	22.51	30	PASS
		20	LCH	RB1#0	23.43	23.33	30	PASS
				RB1#50	23.17	23.07	30	PASS
				RB1#99	23.43	23.33	30	PASS
				RB50#0	22.53	22.43	30	PASS
				RB50#25	22.67	22.57	30	PASS
				RB50#50	22.55	22.45	30	PASS
				RB100#0	22.60	22.50	30	PASS
				MCH	RB1#0	23.41	23.31	30
		RB1#50	23.36		23.26	30	PASS	
		RB1#99	23.50		23.40	30	PASS	
RB50#0	22.62	22.52	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.64	22.54	30	PASS
				RB50#50	22.56	22.46	30	PASS
				RB100#0	22.61	22.51	30	PASS
			HCH	RB1#0	23.39	23.29	30	PASS
				RB1#50	23.26	23.16	30	PASS
				RB1#99	23.35	23.25	30	PASS
				RB50#0	22.55	22.45	30	PASS
				RB50#25	22.60	22.50	30	PASS
				RB50#50	22.52	22.42	30	PASS
				RB100#0	22.56	22.46	30	PASS
			LCH	RB1#0	22.83	22.73	30	PASS
				RB1#3	22.16	22.06	30	PASS
				RB1#5	22.89	22.79	30	PASS
				RB3#0	22.74	22.64	30	PASS
				RB3#2	22.46	22.36	30	PASS
RB3#3	22.66	22.56		30	PASS			
RB6#0	21.41	21.31		30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.75	22.65	30	PASS
				RB1#3	22.49	22.39	30	PASS
				RB1#5	22.71	22.61	30	PASS
				RB3#0	22.52	22.42	30	PASS
				RB3#2	22.69	22.59	30	PASS
				RB3#3	22.51	22.41	30	PASS
				RB6#0	21.47	21.37	30	PASS
			HCH	RB1#0	22.58	22.48	30	PASS
				RB1#3	22.59	22.49	30	PASS
				RB1#5	22.89	22.79	30	PASS
				RB3#0	22.51	22.41	30	PASS
				RB3#2	22.38	22.28	30	PASS
				RB3#3	22.44	22.34	30	PASS
				RB6#0	21.53	21.43	30	PASS
		3	LCH	RB1#0	22.71	22.61	30	PASS
				RB1#7	22.47	22.37	30	PASS
				RB1#14	22.74	22.64	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.48	21.38	30	PASS
				RB8#4	21.56	21.46	30	PASS
				RB8#7	21.50	21.40	30	PASS
				RB15#0	21.59	21.49	30	PASS
			MCH	RB1#0	23.00	22.90	30	PASS
				RB1#7	22.83	22.73	30	PASS
				RB1#14	22.99	22.89	30	PASS
				RB8#0	21.55	21.45	30	PASS
				RB8#4	21.56	21.46	30	PASS
				RB8#7	21.52	21.42	30	PASS
				RB15#0	21.58	21.48	30	PASS
			HCH	RB1#0	22.69	22.59	30	PASS
				RB1#7	22.38	22.28	30	PASS
				RB1#14	22.86	22.76	30	PASS
				RB8#0	21.50	21.40	30	PASS
				RB8#4	21.44	21.34	30	PASS
				RB8#7	21.47	21.37	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB15#0	21.56	21.46	30	PASS
				RB1#0	22.87	22.77	30	PASS
				RB1#13	22.82	22.72	30	PASS
				RB1#24	22.97	22.87	30	PASS
				RB12#0	21.48	21.38	30	PASS
				RB12#6	21.42	21.32	30	PASS
				RB12#13	21.58	21.48	30	PASS
				RB25#0	21.50	21.40	30	PASS
				MCH	RB1#0	22.99	22.89	30
			RB1#13		23.01	22.91	30	PASS
			RB1#24		22.98	22.88	30	PASS
			RB12#0		21.68	21.58	30	PASS
			RB12#6		21.56	21.46	30	PASS
			RB12#13		21.74	21.64	30	PASS
			RB25#0		21.61	21.51	30	PASS
			HCH	RB1#0	22.85	22.75	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	22.87	22.77	30	PASS		
				RB12#0	21.50	21.40	30	PASS		
				RB12#6	21.56	21.46	30	PASS		
				RB12#13	21.59	21.49	30	PASS		
				RB25#0	21.56	21.46	30	PASS		
				RB1#0	22.80	22.70	30	PASS		
				RB1#25	22.72	22.62	30	PASS		
				RB1#49	22.96	22.86	30	PASS		
				RB25#0	21.52	21.42	30	PASS		
				RB25#13	21.63	21.53	30	PASS		
		RB25#25	21.65	21.55	30	PASS				
		RB50#0	21.52	21.42	30	PASS				
		LCH		10		RB1#0	22.75	22.65	30	PASS
						RB1#25	22.57	22.47	30	PASS
						RB1#49	22.85	22.75	30	PASS
						RB25#0	21.65	21.55	30	PASS
						RB25#13	21.65	21.55	30	PASS
		MCH		10		RB1#0	22.75	22.65	30	PASS
						RB1#25	22.57	22.47	30	PASS
RB1#49	22.85					22.75	30	PASS		
RB25#0	21.65					21.55	30	PASS		
RB25#13	21.65					21.55	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.61	21.51	30	PASS
				RB50#0	21.55	21.45	30	PASS
			HCH	RB1#0	22.59	22.49	30	PASS
				RB1#25	22.19	22.09	30	PASS
				RB1#49	22.59	22.49	30	PASS
				RB25#0	21.55	21.45	30	PASS
				RB25#13	21.54	21.44	30	PASS
				RB25#25	21.55	21.45	30	PASS
				RB50#0	21.55	21.45	30	PASS
		15	LCH	RB1#0	22.71	22.61	30	PASS
				RB1#38	23.02	22.92	30	PASS
				RB1#74	22.79	22.69	30	PASS
				RB38#0	21.57	21.47	30	PASS
				RB38#19	21.63	21.53	30	PASS
				RB38#39	21.61	21.51	30	PASS
				RB75#0	21.54	21.44	30	PASS
			MCH	RB1#0	22.85	22.75	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.10	23.00	30	PASS
				RB1#74	22.86	22.76	30	PASS
				RB38#0	21.61	21.51	30	PASS
				RB38#19	21.65	21.55	30	PASS
				RB38#39	21.63	21.53	30	PASS
				RB75#0	21.51	21.41	30	PASS
			HCH	RB1#0	22.55	22.45	30	PASS
				RB1#38	22.76	22.66	30	PASS
				RB1#74	22.54	22.44	30	PASS
				RB38#0	21.59	21.49	30	PASS
				RB38#19	21.59	21.49	30	PASS
				RB38#39	21.54	21.44	30	PASS
		20	LCH	RB1#0	22.71	22.61	30	PASS
				RB1#50	22.53	22.43	30	PASS
				RB1#99	22.85	22.75	30	PASS
				RB50#0	21.53	21.43	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.57	21.47	30	PASS
				RB50#50	21.54	21.44	30	PASS
				RB100#0	21.50	21.40	30	PASS
			MCH	RB1#0	22.76	22.66	30	PASS
				RB1#50	22.69	22.59	30	PASS
				RB1#99	22.90	22.80	30	PASS
				RB50#0	21.52	21.42	30	PASS
				RB50#25	21.56	21.46	30	PASS
				RB50#50	21.54	21.44	30	PASS
				RB100#0	21.52	21.42	30	PASS
			HCH	RB1#0	22.74	22.64	30	PASS
				RB1#50	22.66	22.56	30	PASS
				RB1#99	22.69	22.59	30	PASS
				RB50#0	21.48	21.38	30	PASS
				RB50#25	21.51	21.41	30	PASS
				RB50#50	21.44	21.34	30	PASS
				RB100#0	21.49	21.39	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
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				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	6.05	13	PASS
				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
		5	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	RB25#0	6.04	13	PASS
				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	RB25#0	6.12	13	PASS
				RB1#0	5.37	13	PASS
				RB1#25	5.52	13	PASS
				RB1#49	5.29	13	PASS
				RB25#13	6.09	13	PASS
RB25#25	6.19			13	PASS		
RB50#0	6.44			13	PASS		
MCH	RB1#0		5.26	13	PASS		
	RB1#25		5.21	13	PASS		
	RB1#49		5.27	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.24	13	PASS
				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
			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		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	5.60	13	PASS	
				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	
				RB100#0	6.50	13	PASS	
		LTE/TM2	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
					RB6#0	6.72	13	PASS
				MCH	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
					RB3#3	6.01	13	PASS
					RB6#0	6.49	13	PASS
			HCH	RB1#0	5.40	13	PASS	
				RB1#3	5.39	13	PASS	
				RB1#5	5.61	13	PASS	
				RB3#0	6.52	13	PASS	
RB3#2	6.52	13		PASS				
RB3#3	6.58	13		PASS				
RB6#0	6.64	13		PASS				
		3	LCH	RB1#0	5.29	13	PASS	
				RB1#7	5.81	13	PASS	
				RB1#14	5.29	13	PASS	
				RB8#0	6.58	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	6.57	13	PASS	
				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	
		HCH		RB25#0	6.75	13	PASS	
				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				
10	LCH	RB1#0	5.33	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
		15		RB1#25	5.32	13	PASS	
				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	PASS
					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	
		MCH		RB38#19	7.02	13	PASS	
				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	
		HCH	RB38#0	6.84	13	PASS		
			RB38#19	6.75	13	PASS		
			RB38#39	6.78	13	PASS		
RB75#0	7.24		13	PASS				
RB1#0	6.01		13	PASS				
			HCH	RB1#38	5.88	13	PASS	
			HCH	RB1#74	5.93	13	PASS	
			HCH	RB38#0	7.08	13	PASS	
			HCH	RB38#19	6.91	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20		RB38#39	7.19	13	PASS
				RB75#0	7.28	13	PASS
			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
			HCH	RB100#0	7.18	13	PASS
				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

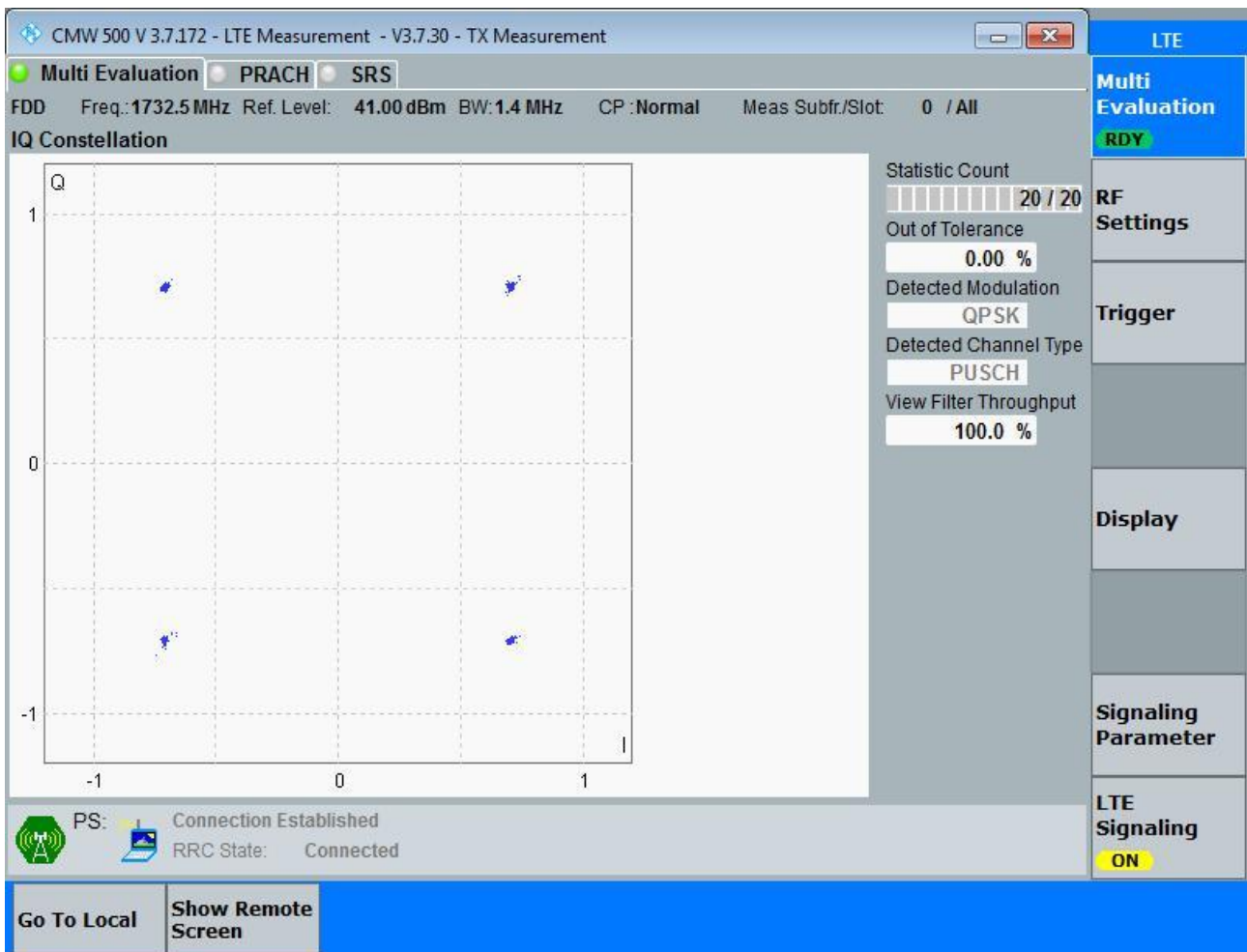
##### 3.1.1 Test Band = Band4

##### 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

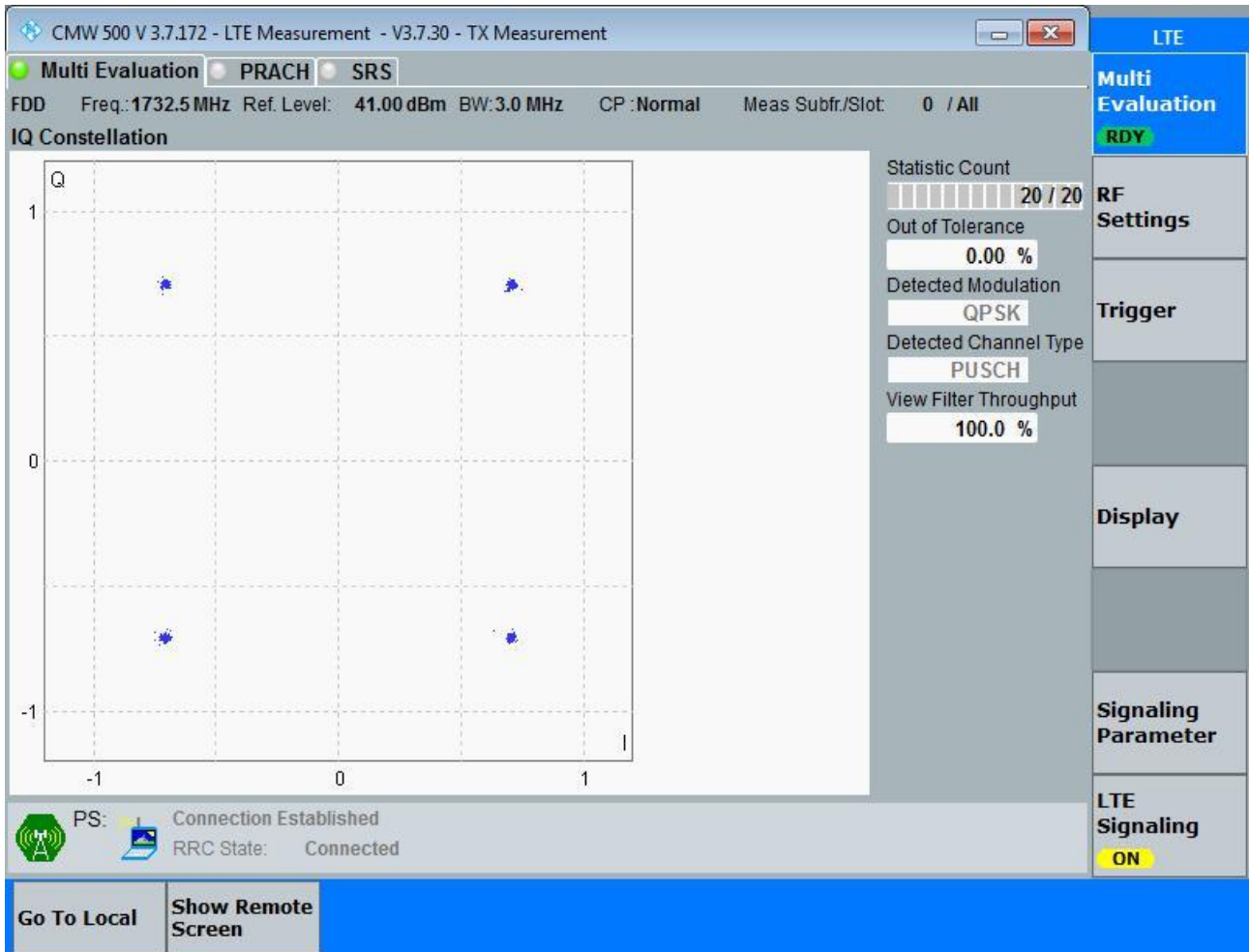




### 3.1.1.1.2 Test Bandwidth = 3MHz

#### 3.1.1.1.2.1 Test Channel = MCH

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

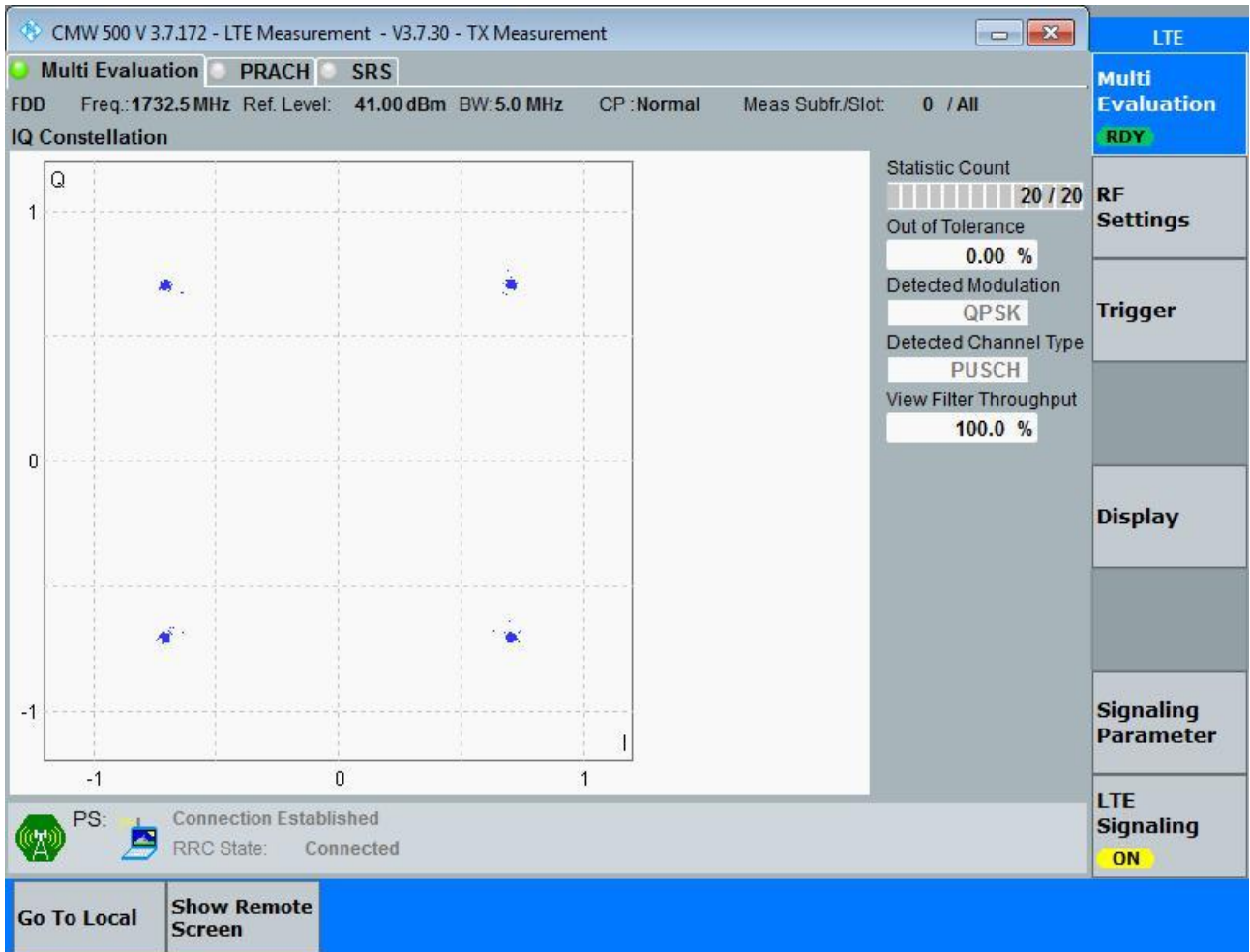




### 3.1.1.1.3 Test Bandwidth = 5MHz

#### 3.1.1.1.3.1 Test Channel = MCH

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

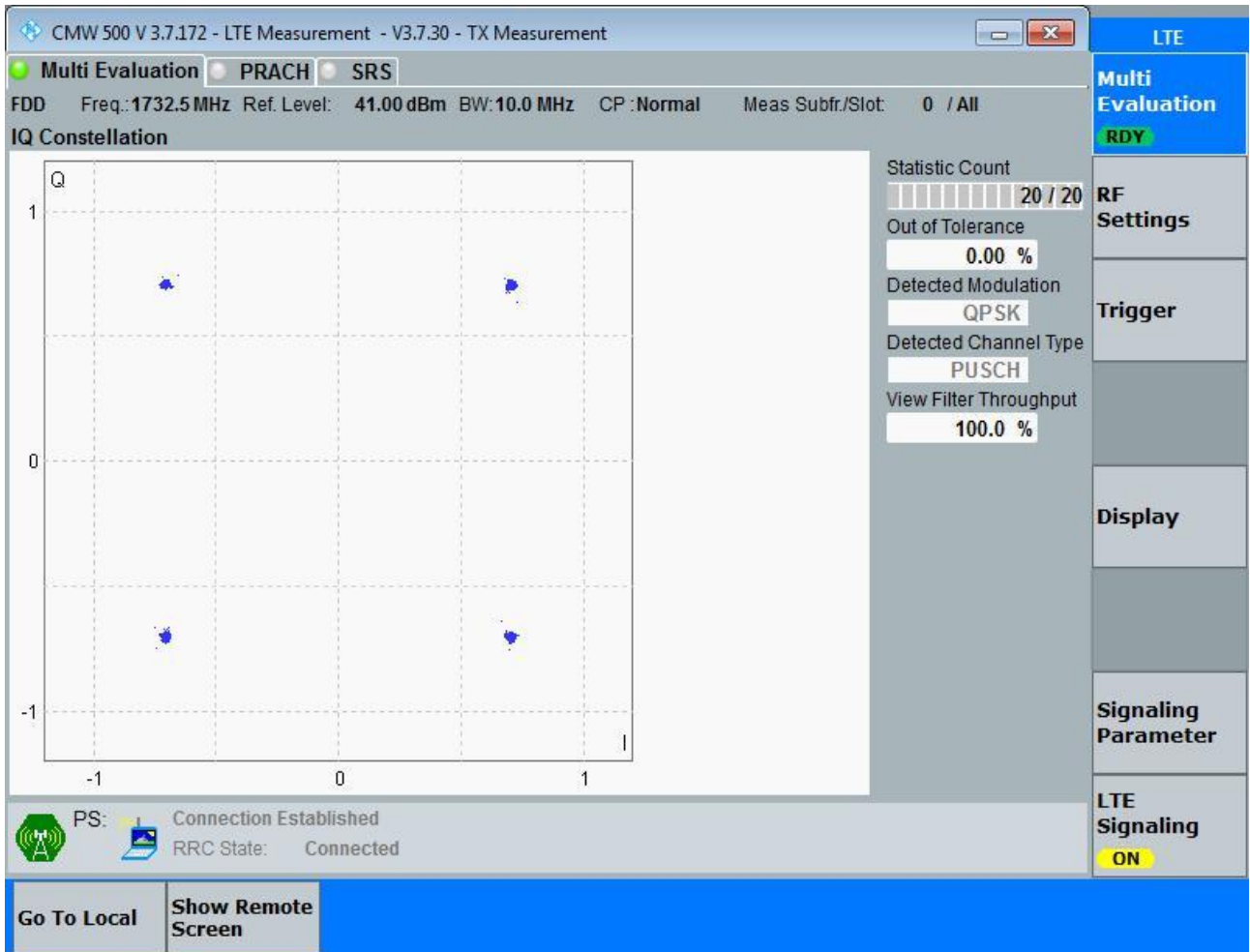




### 3.1.1.1.4 Test Bandwidth = 10MHz

#### 3.1.1.1.4.1 Test Channel = MCH

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

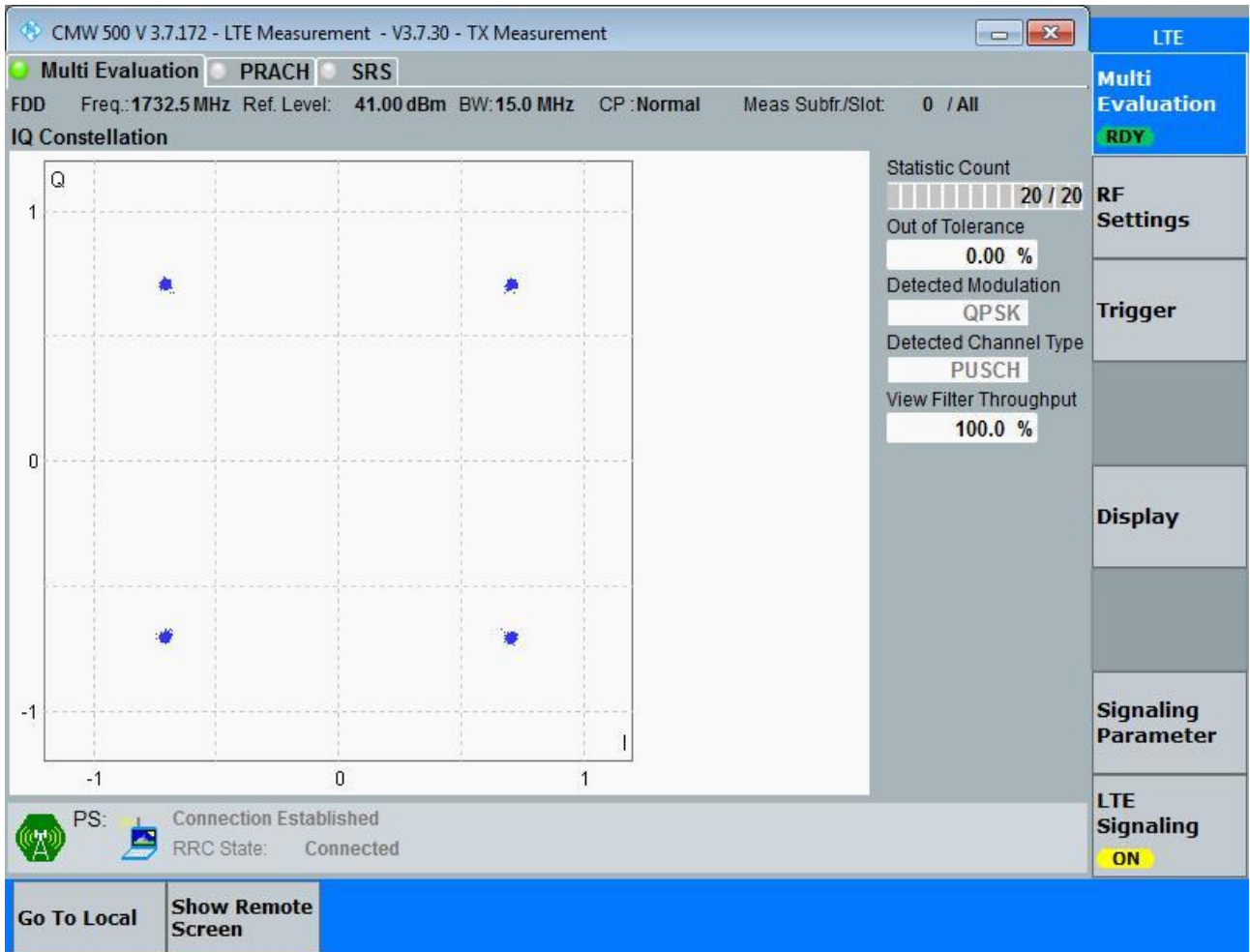




### 3.1.1.1.5 Test Bandwidth = 15MHz

#### 3.1.1.1.5.1 Test Channel = MCH

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

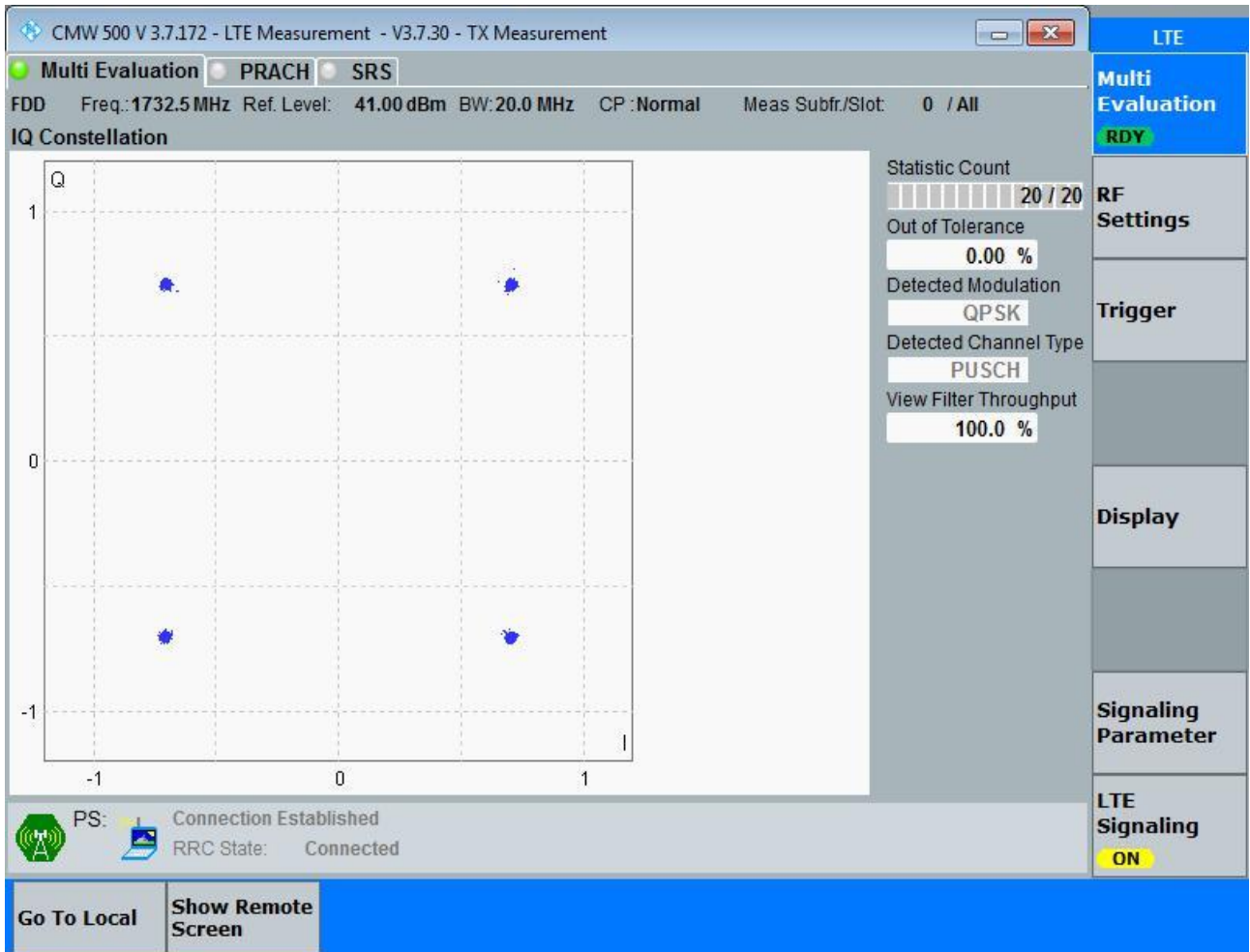




### 3.1.1.1.6 Test Bandwidth = 20MHz

#### 3.1.1.1.6.1 Test Channel = MCH

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





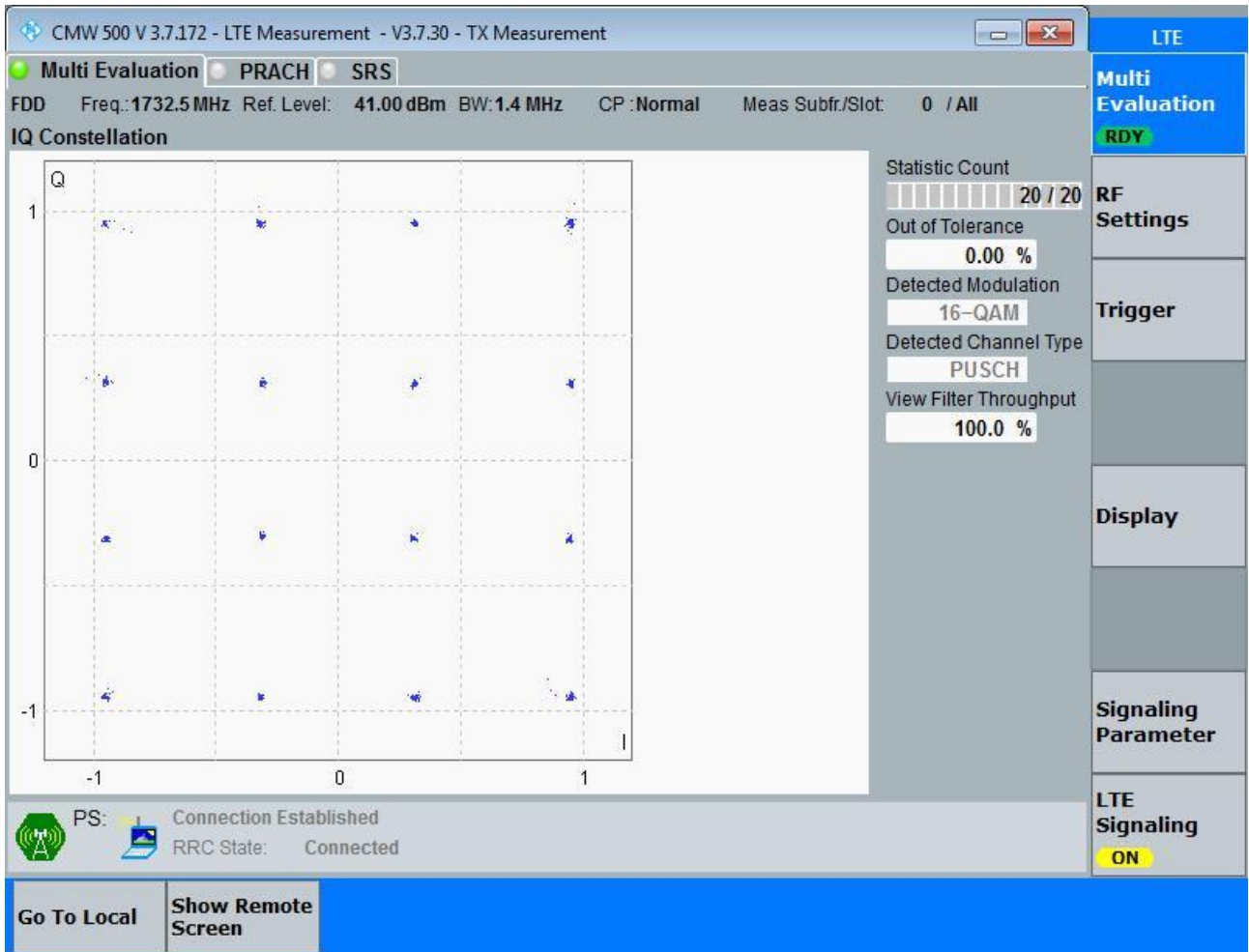


### 3.1.1.2 Test Mode = LTE/TM2

#### 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

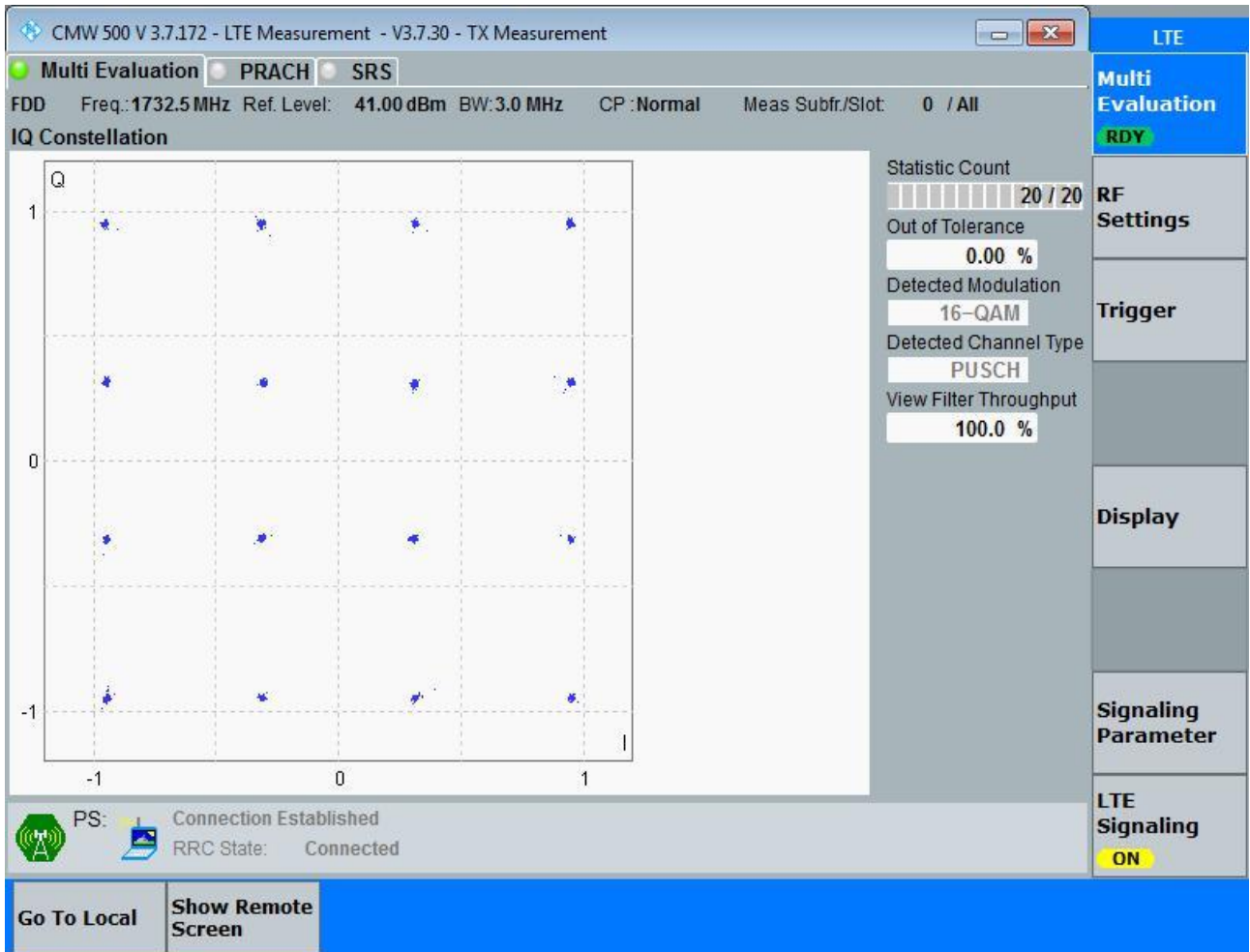




### 3.1.1.2.2 Test Bandwidth = 3MHz

#### 3.1.1.2.2.1 Test Channel = MCH

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



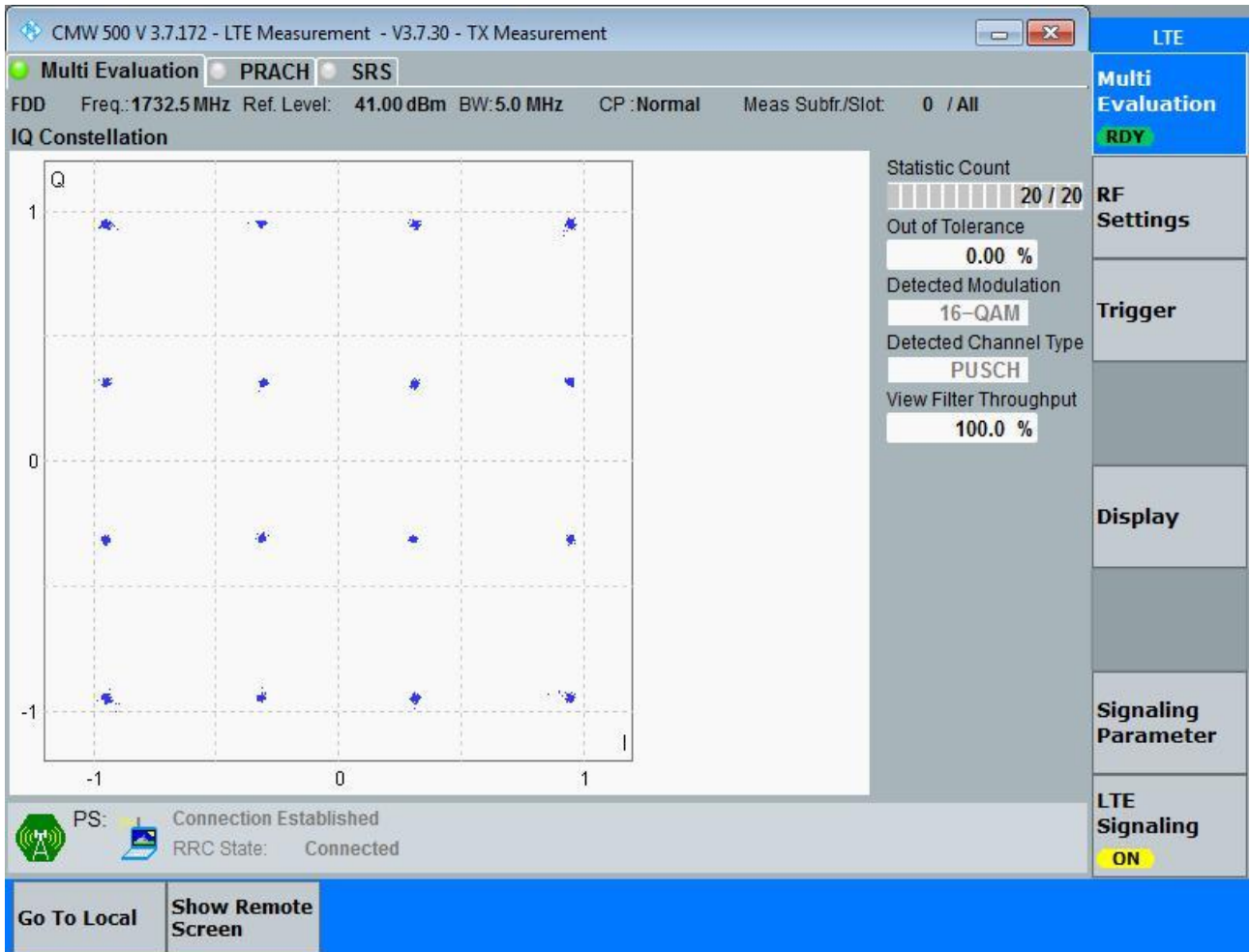




### 3.1.1.2.3 Test Bandwidth = 5MHz

#### 3.1.1.2.3.1 Test Channel = MCH

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

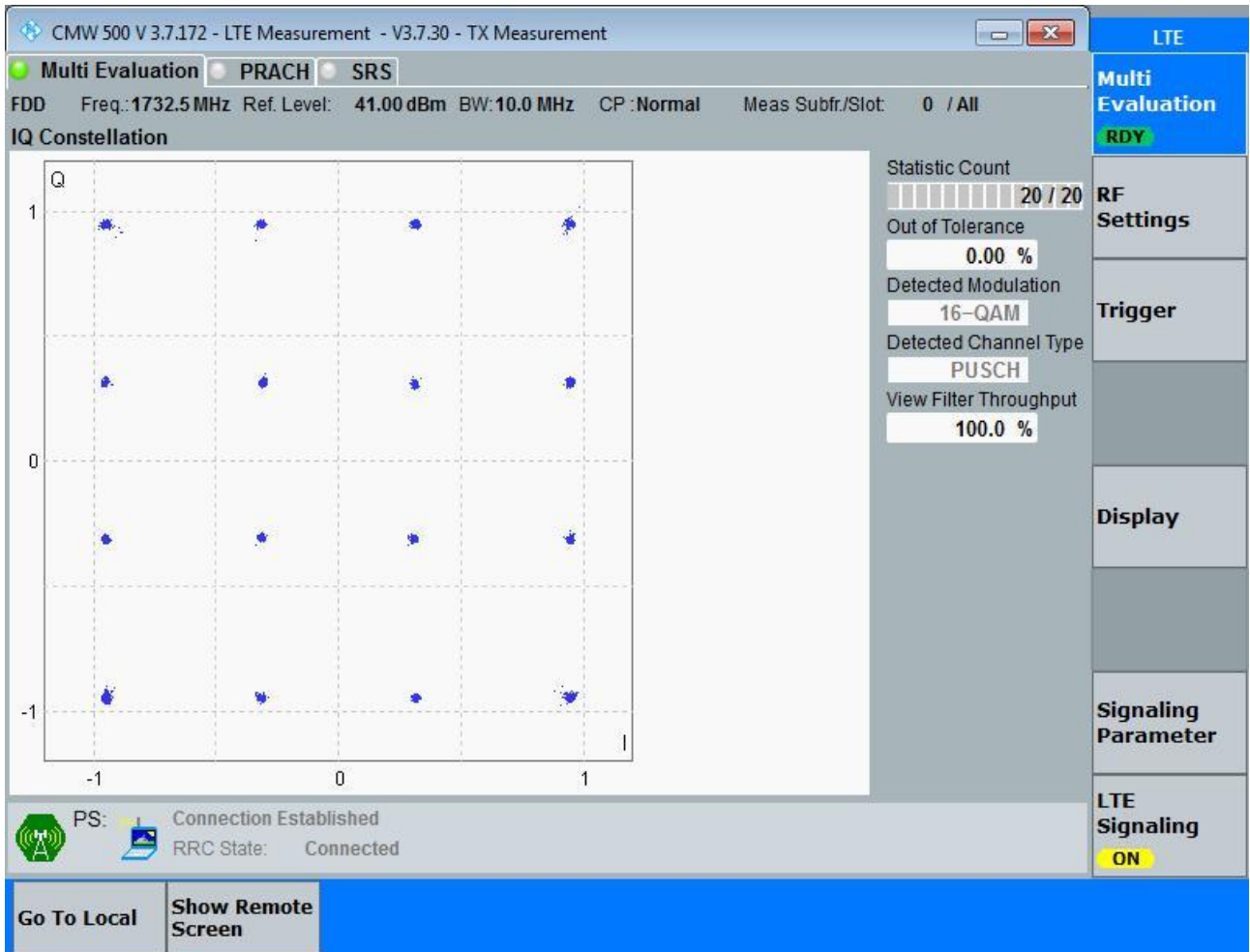




### 3.1.1.2.4 Test Bandwidth = 10MHz

#### 3.1.1.2.4.1 Test Channel = MCH

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

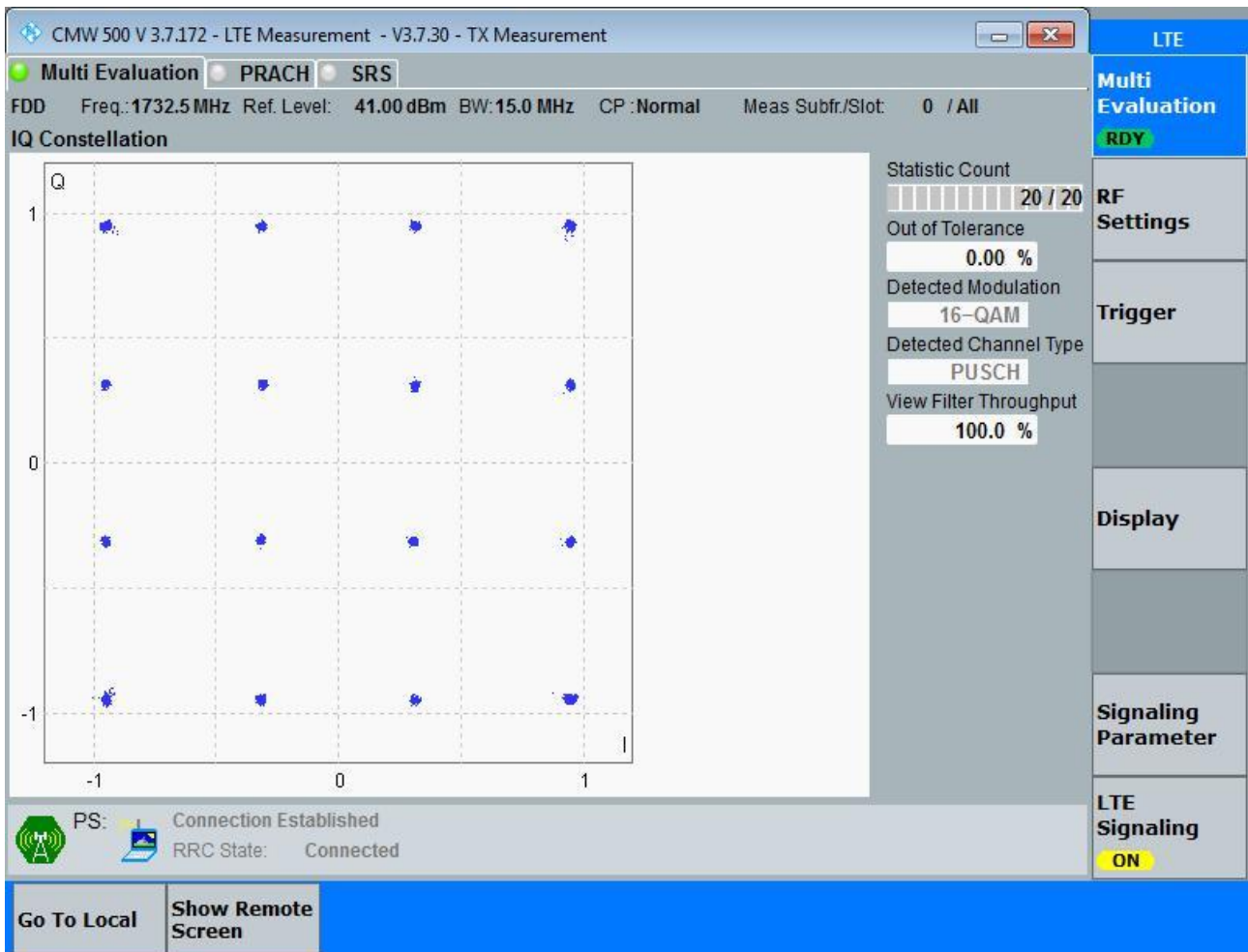




### 3.1.1.2.5 Test Bandwidth = 15MHz

#### 3.1.1.2.5.1 Test Channel = MCH

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

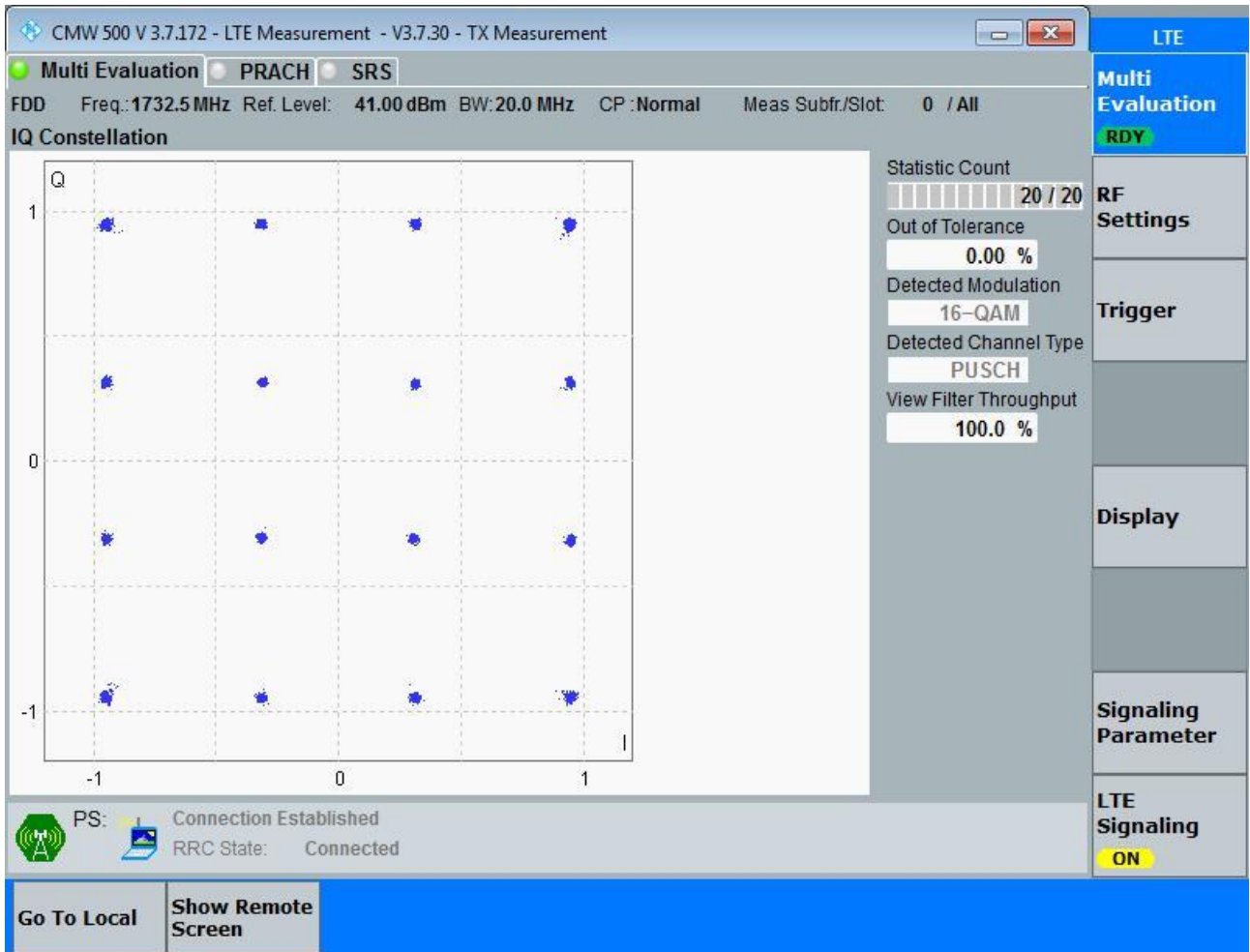




### 3.1.1.2.6 Test Bandwidth = 20MHz

#### 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	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	17.98	19.71	Pass
			HCH	RB100#0	17.99	19.69	Pass



### Part II - Test Plots

#### 4.1 For LTE

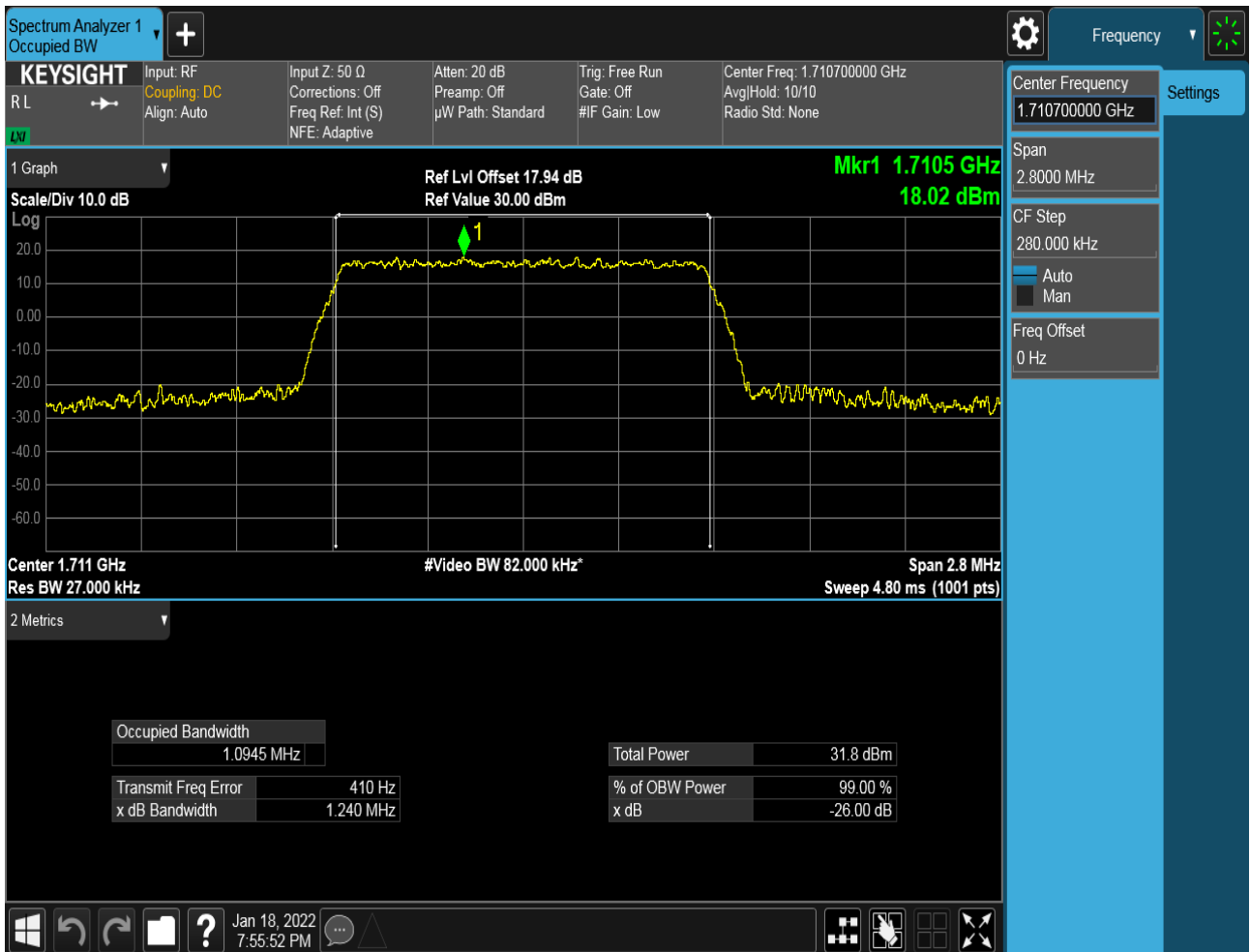
##### 4.1.1 Test Band = Band4

##### 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

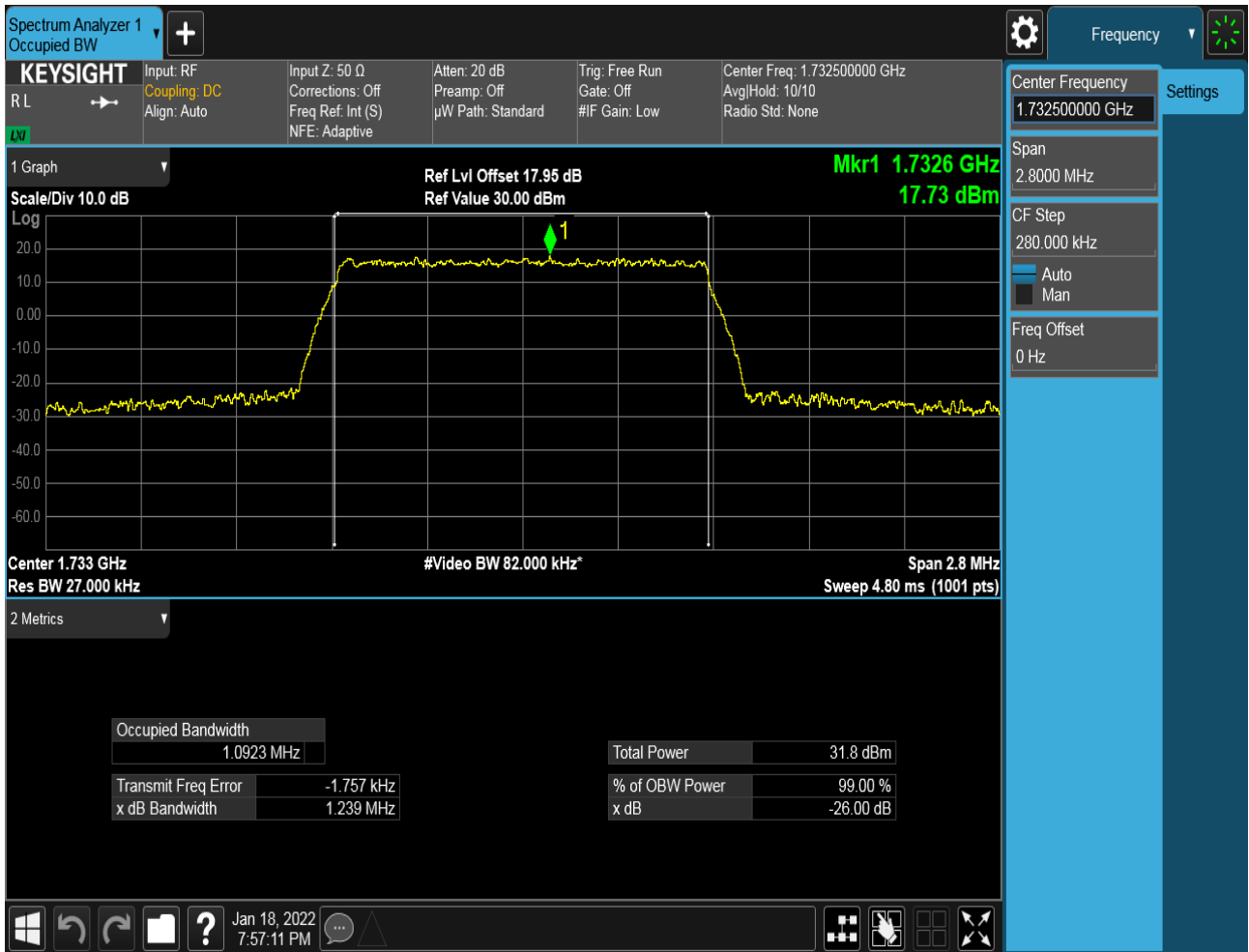
##### 4.1.1.1.1.1.1 Test RB = RB6#0





### 4.1.1.1.1.2 Test Channel = MCH

#### 4.1.1.1.1.2.1 Test RB = RB6#0

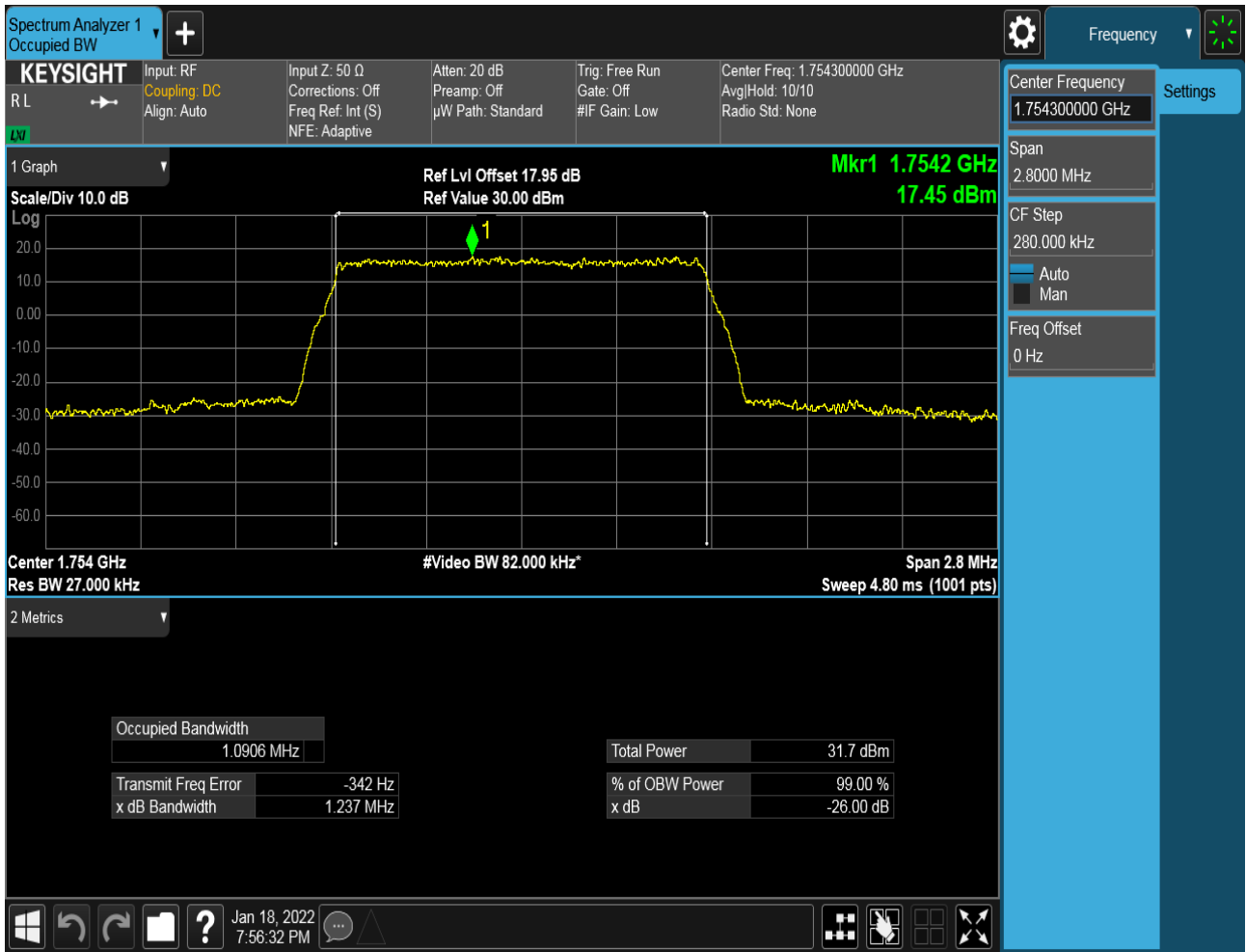






### 4.1.1.1.1.3 Test Channel = HCH

#### 4.1.1.1.1.3.1 Test RB = RB6#0

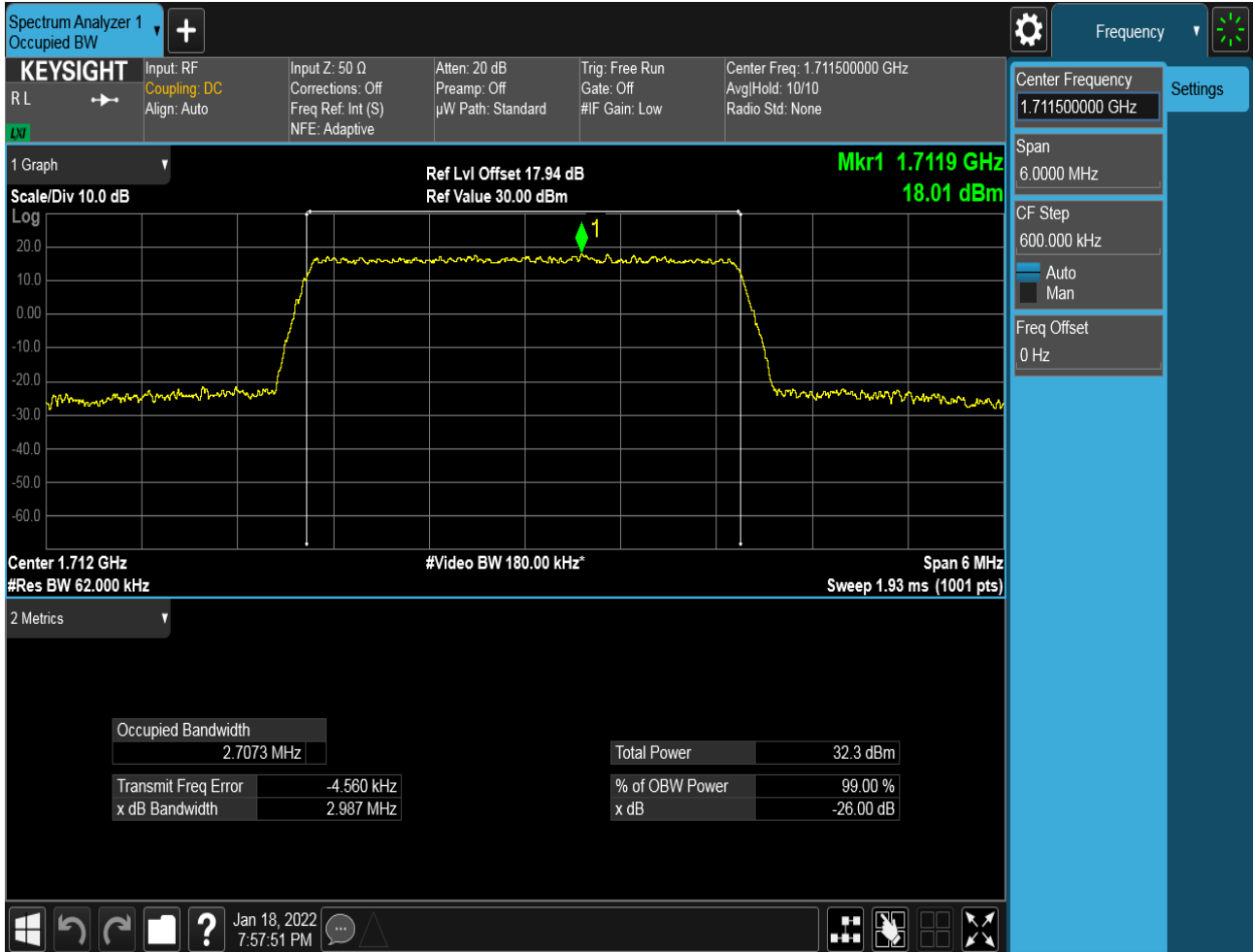




### 4.1.1.1.2 Test Bandwidth = 3MHz

#### 4.1.1.1.2.1 Test Channel = LCH

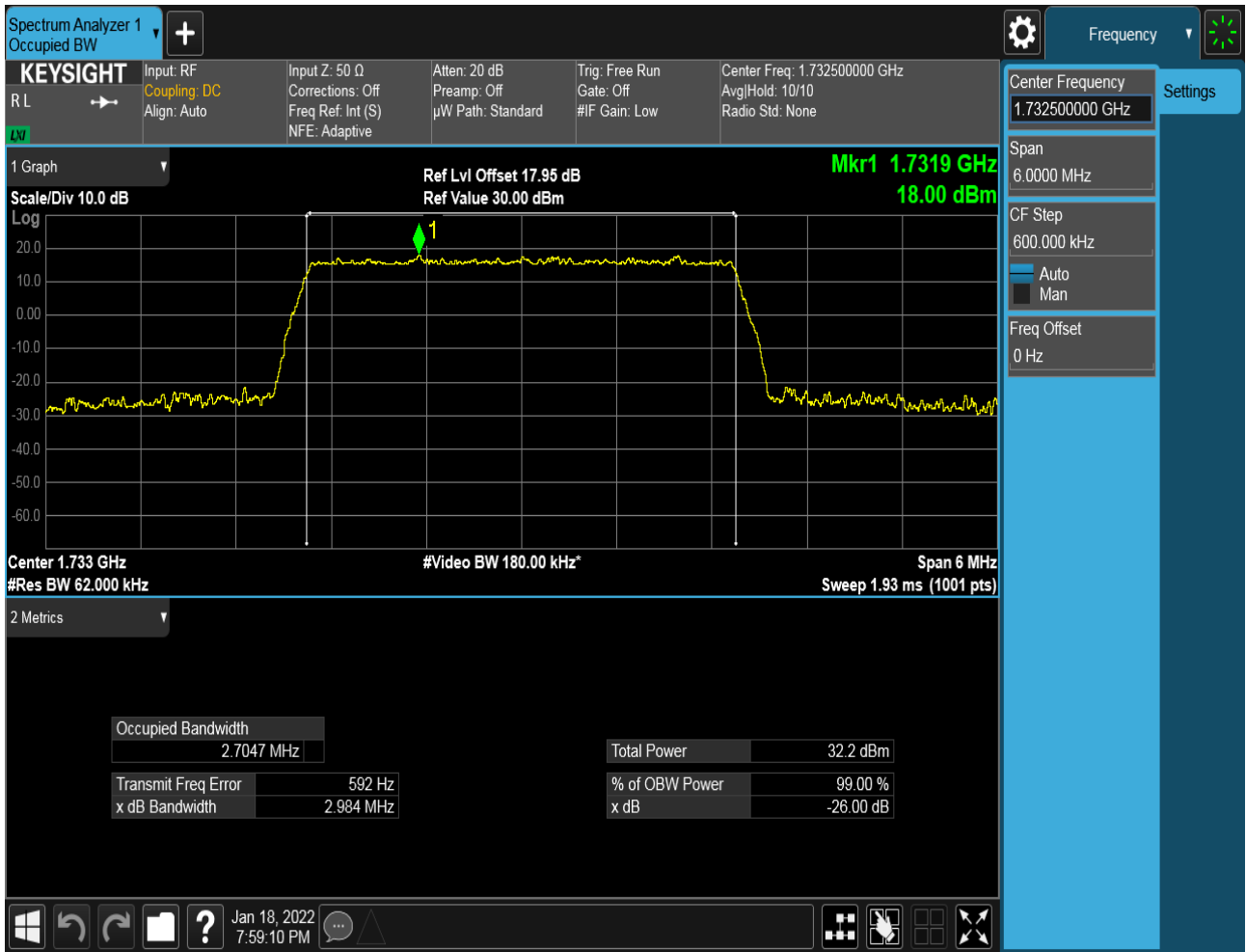
##### 4.1.1.1.2.1.1 Test RB = RB15#0





### 4.1.1.1.2.2 Test Channel = MCH

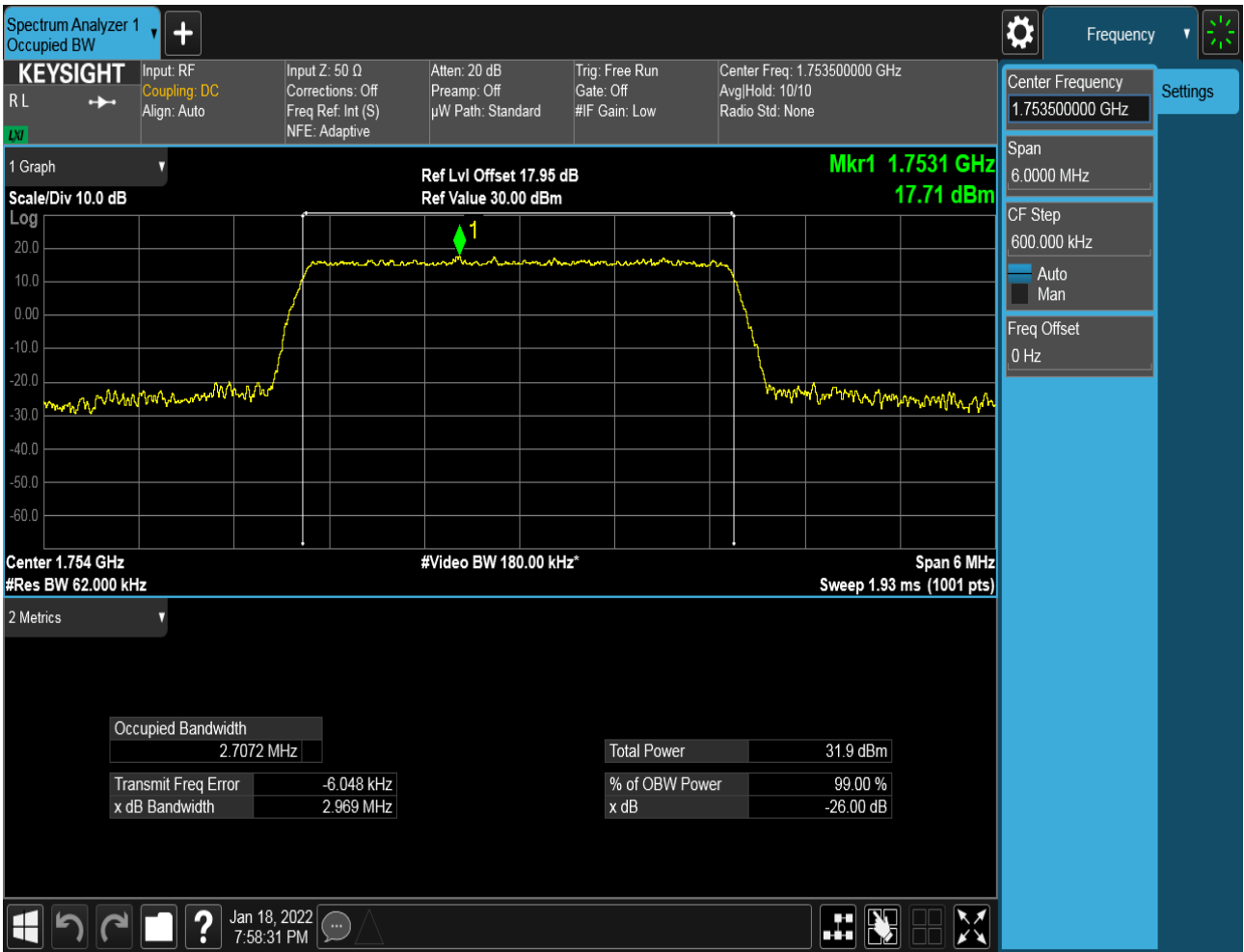
#### 4.1.1.1.2.2.1 Test RB = RB15#0





### 4.1.1.1.2.3 Test Channel = HCH

#### 4.1.1.1.2.3.1 Test RB = RB15#0

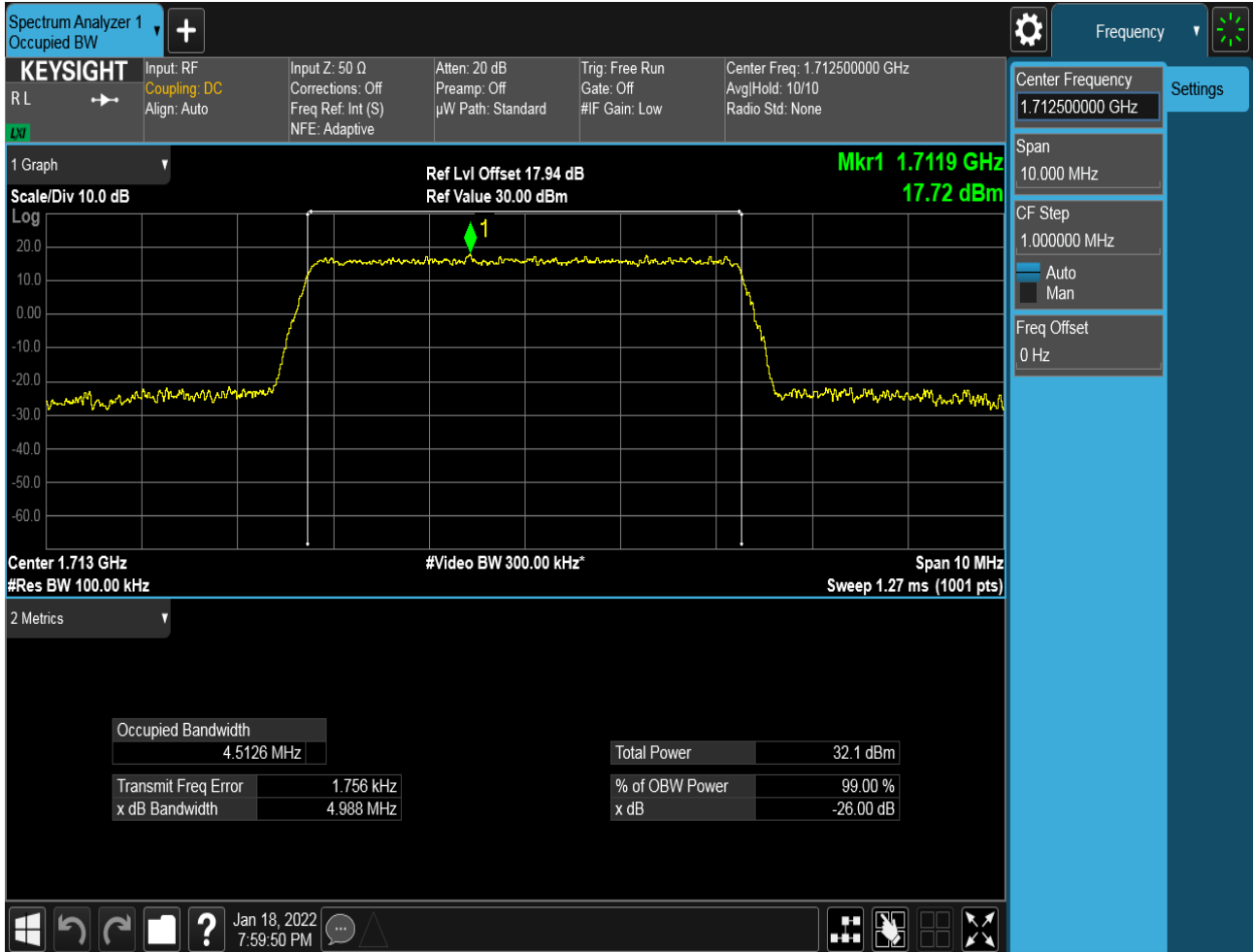




### 4.1.1.1.3 Test Bandwidth = 5MHz

#### 4.1.1.1.3.1 Test Channel = LCH

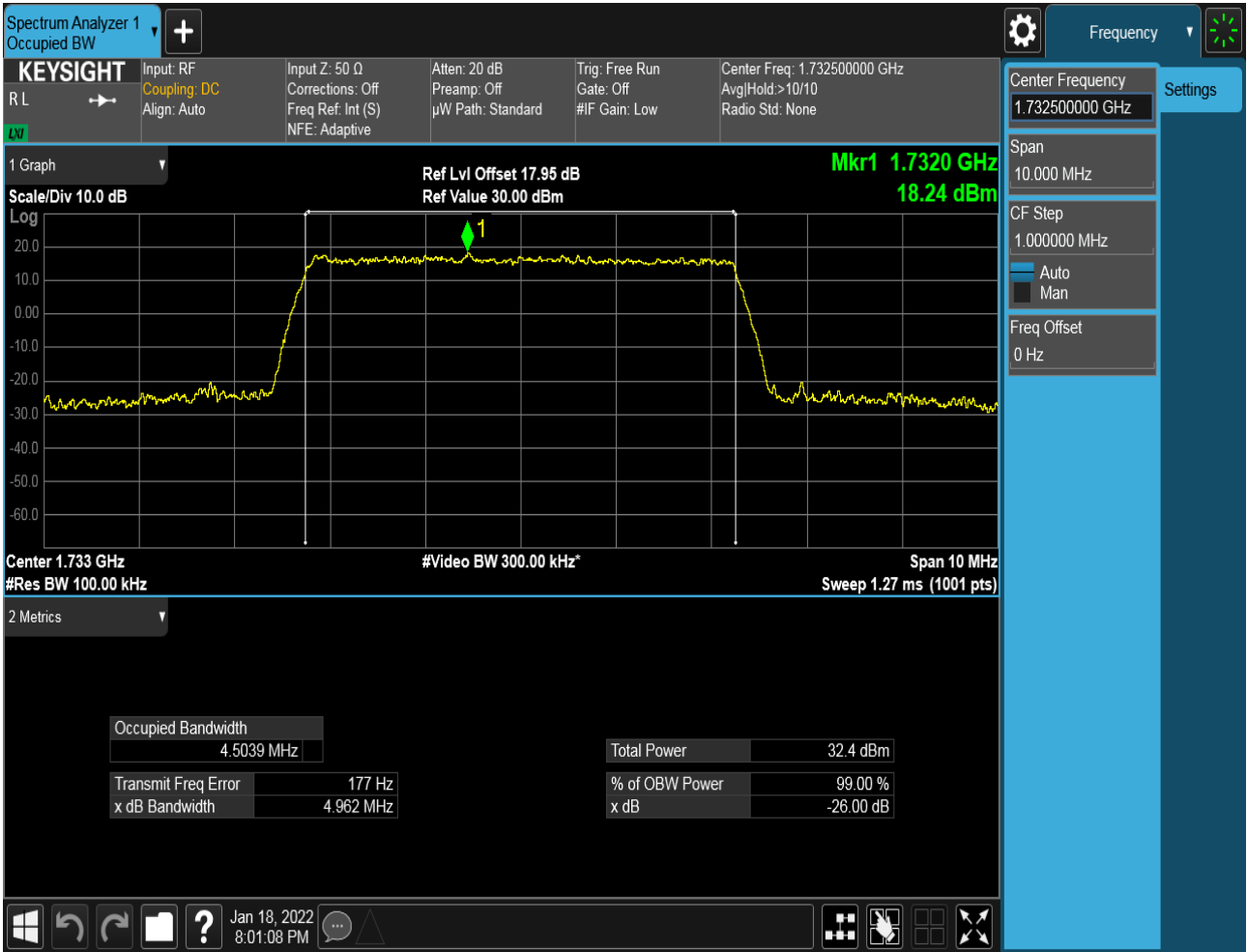
##### 4.1.1.1.3.1.1 Test RB = RB25#0





### 4.1.1.1.3.2 Test Channel = MCH

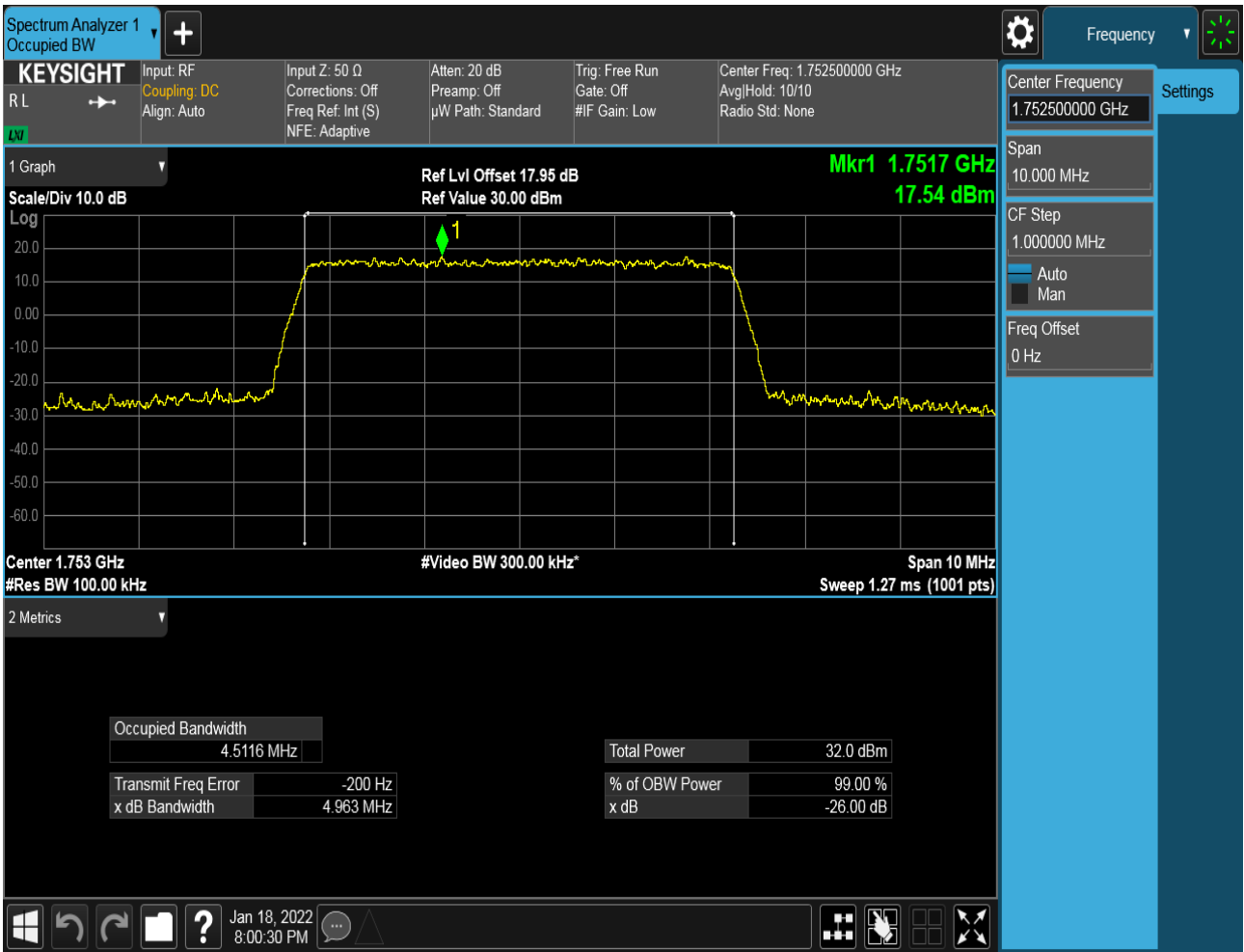
#### 4.1.1.1.3.2.1 Test RB = RB25#0





### 4.1.1.1.3.3 Test Channel = HCH

#### 4.1.1.1.3.3.1 Test RB = RB25#0

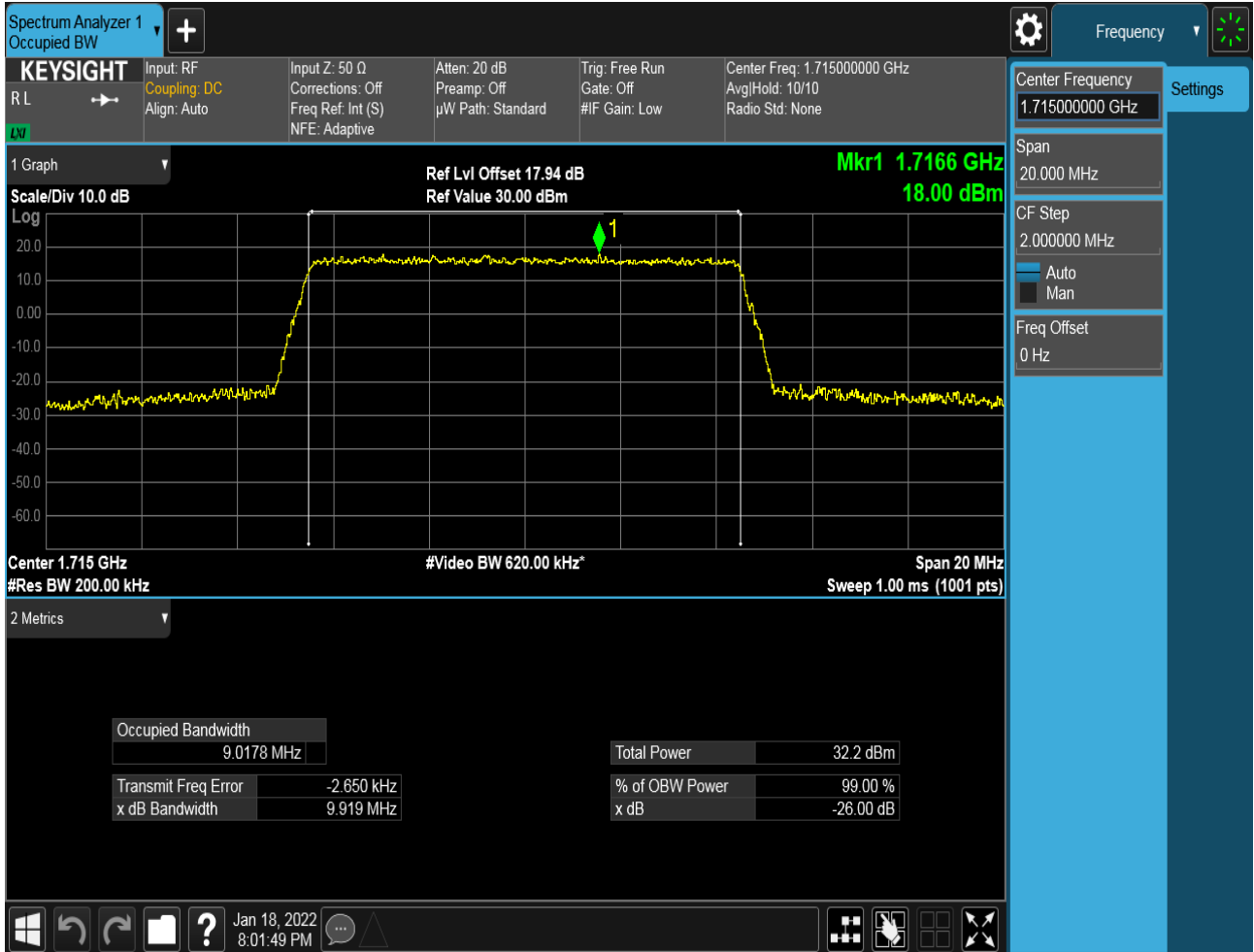




### 4.1.1.1.4 Test Bandwidth = 10MHz

#### 4.1.1.1.4.1 Test Channel = LCH

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

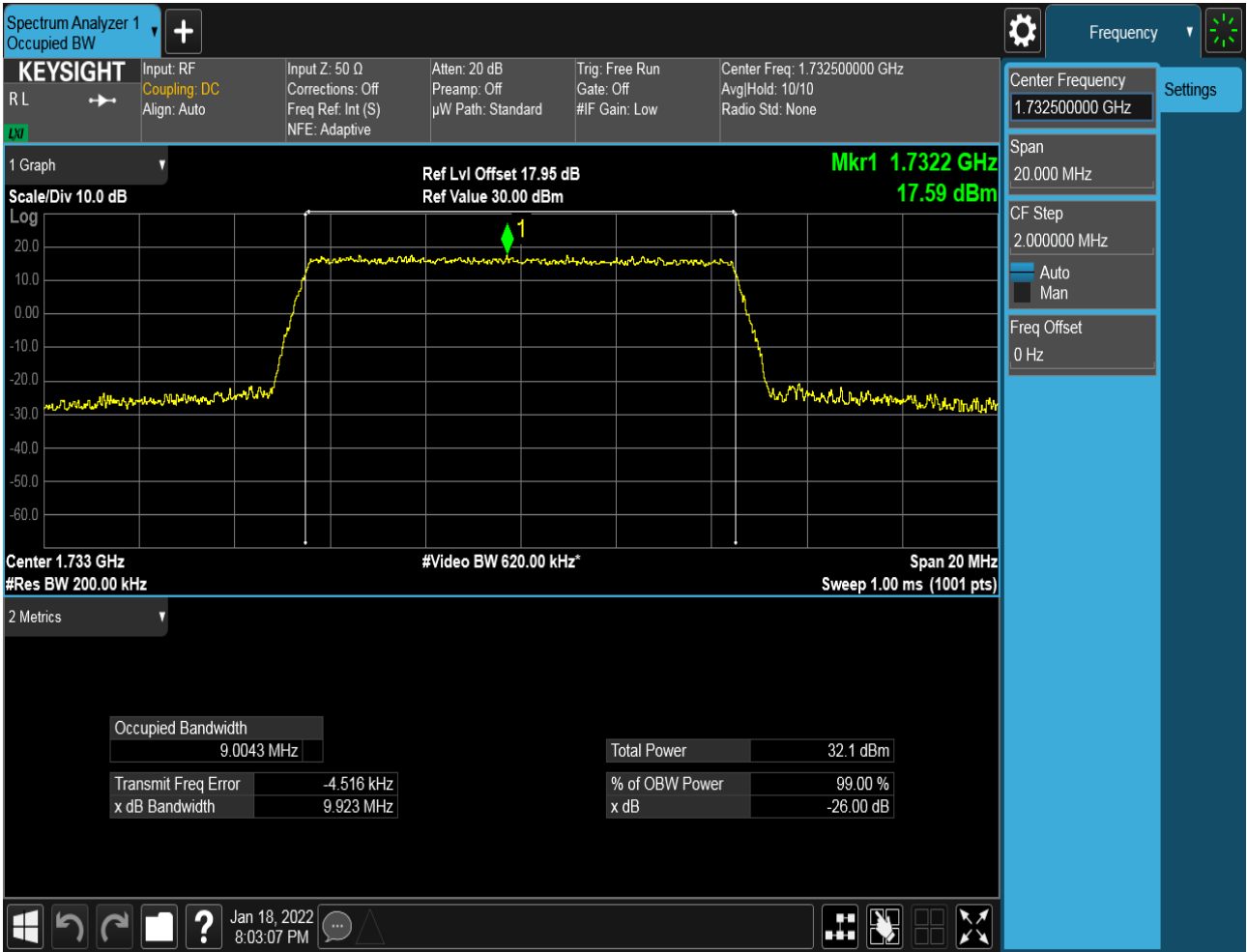






### 4.1.1.1.4.2 Test Channel = MCH

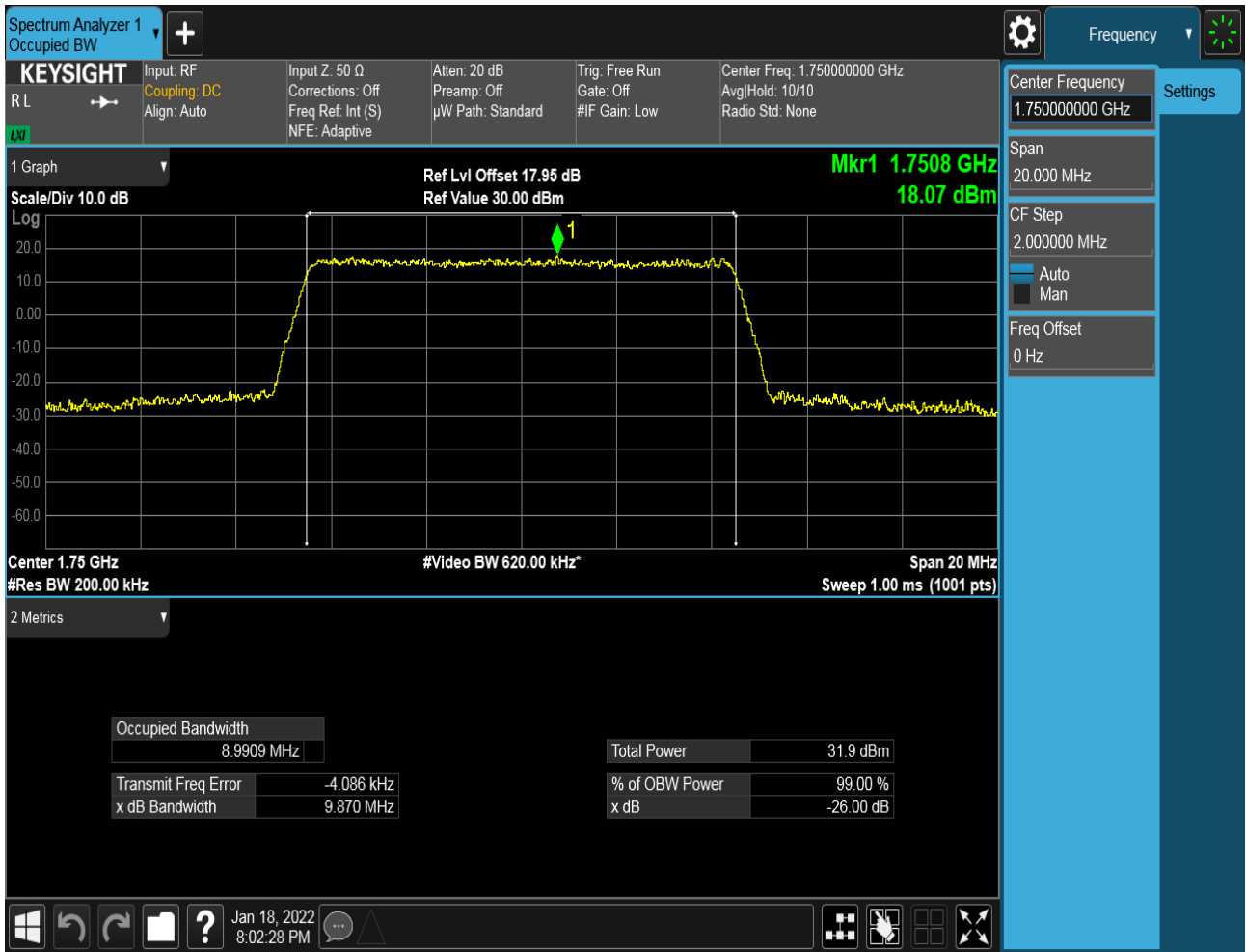
#### 4.1.1.1.4.2.1 Test RB = RB50#0





### 4.1.1.1.4.3 Test Channel = HCH

#### 4.1.1.1.4.3.1 Test RB = RB50#0

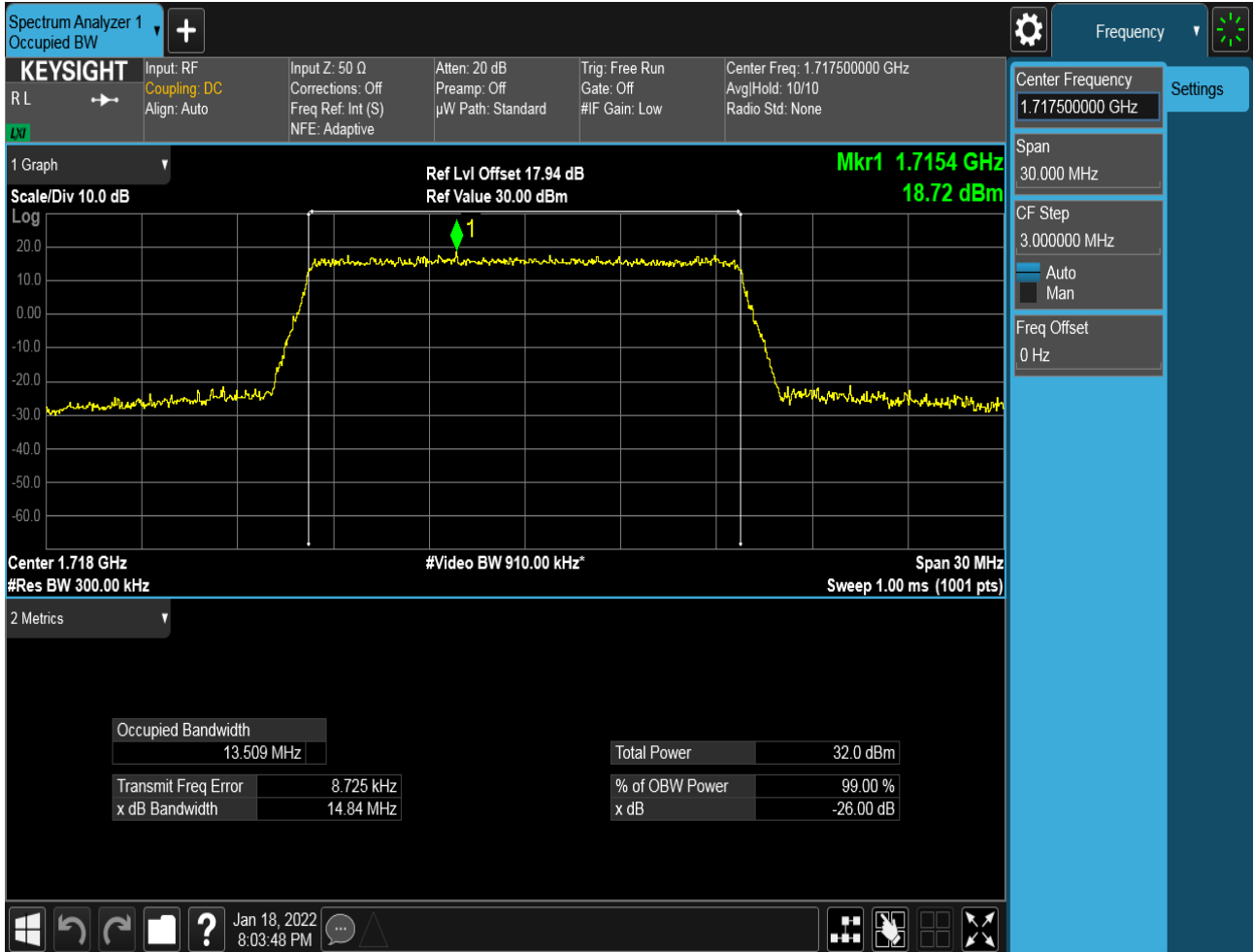




### 4.1.1.1.5 Test Bandwidth = 15MHz

#### 4.1.1.1.5.1 Test Channel = LCH

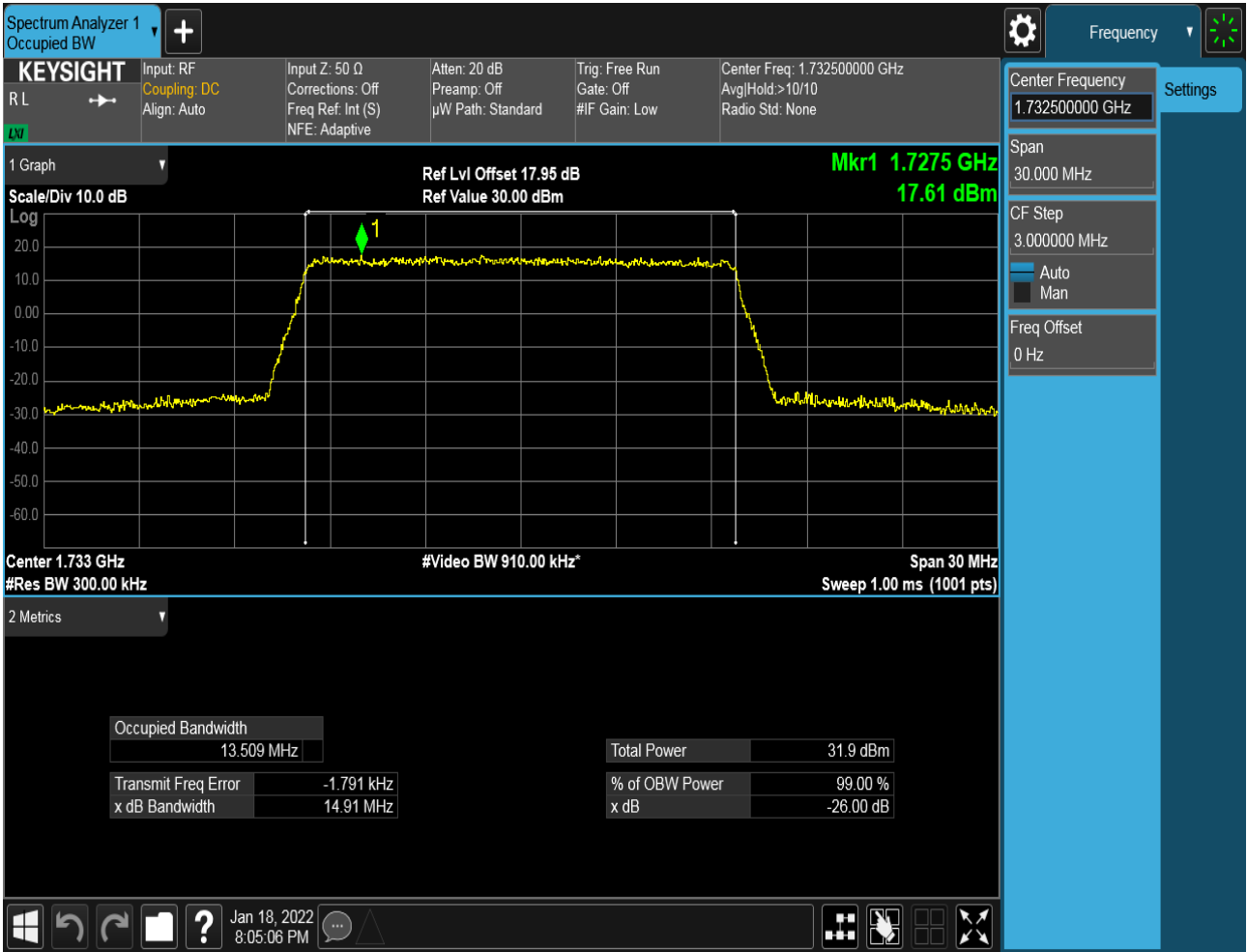
##### 4.1.1.1.5.1.1 Test RB = RB75#0





### 4.1.1.1.5.2 Test Channel = MCH

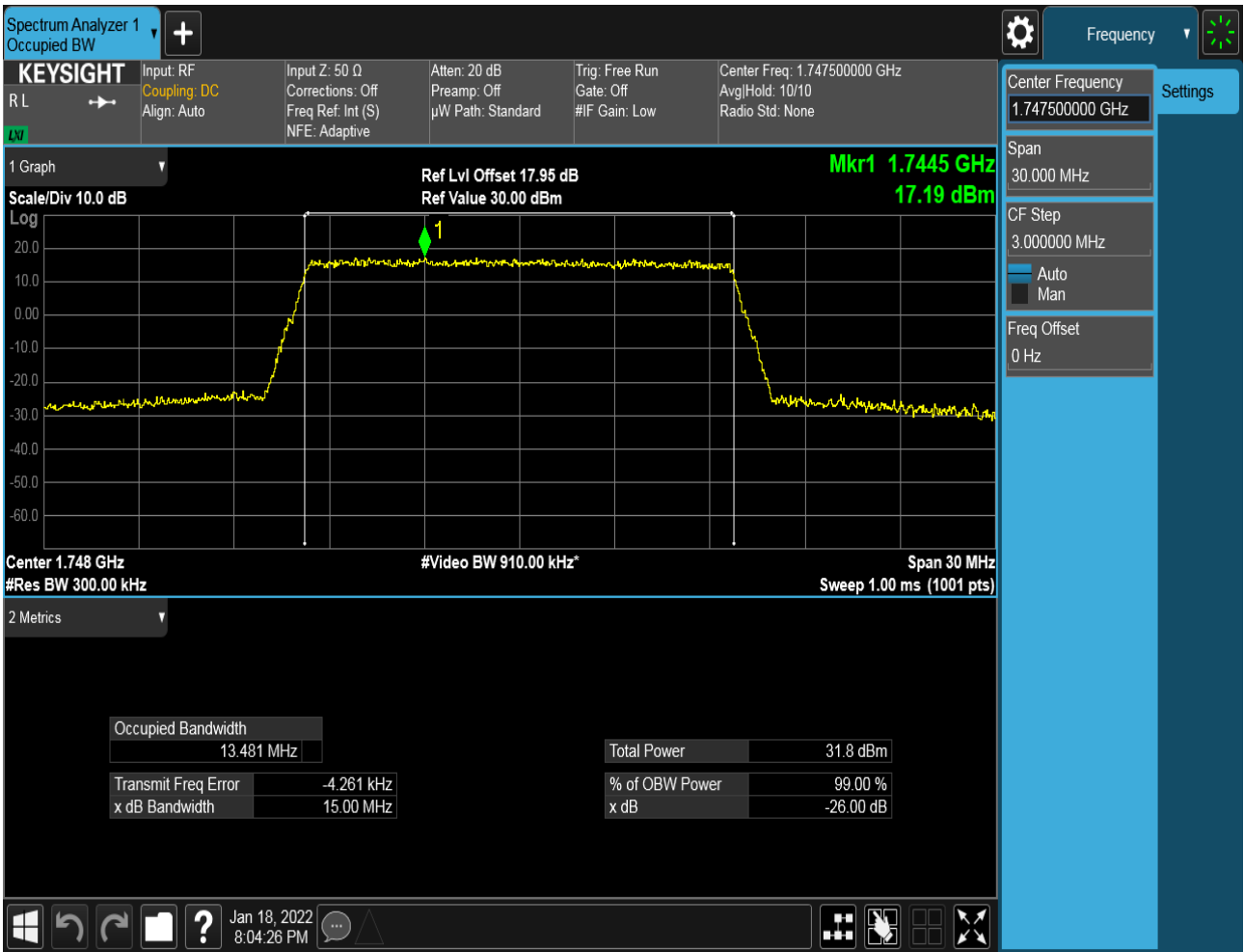
#### 4.1.1.1.5.2.1 Test RB = RB75#0





### 4.1.1.1.5.3 Test Channel = HCH

#### 4.1.1.1.5.3.1 Test RB = RB75#0

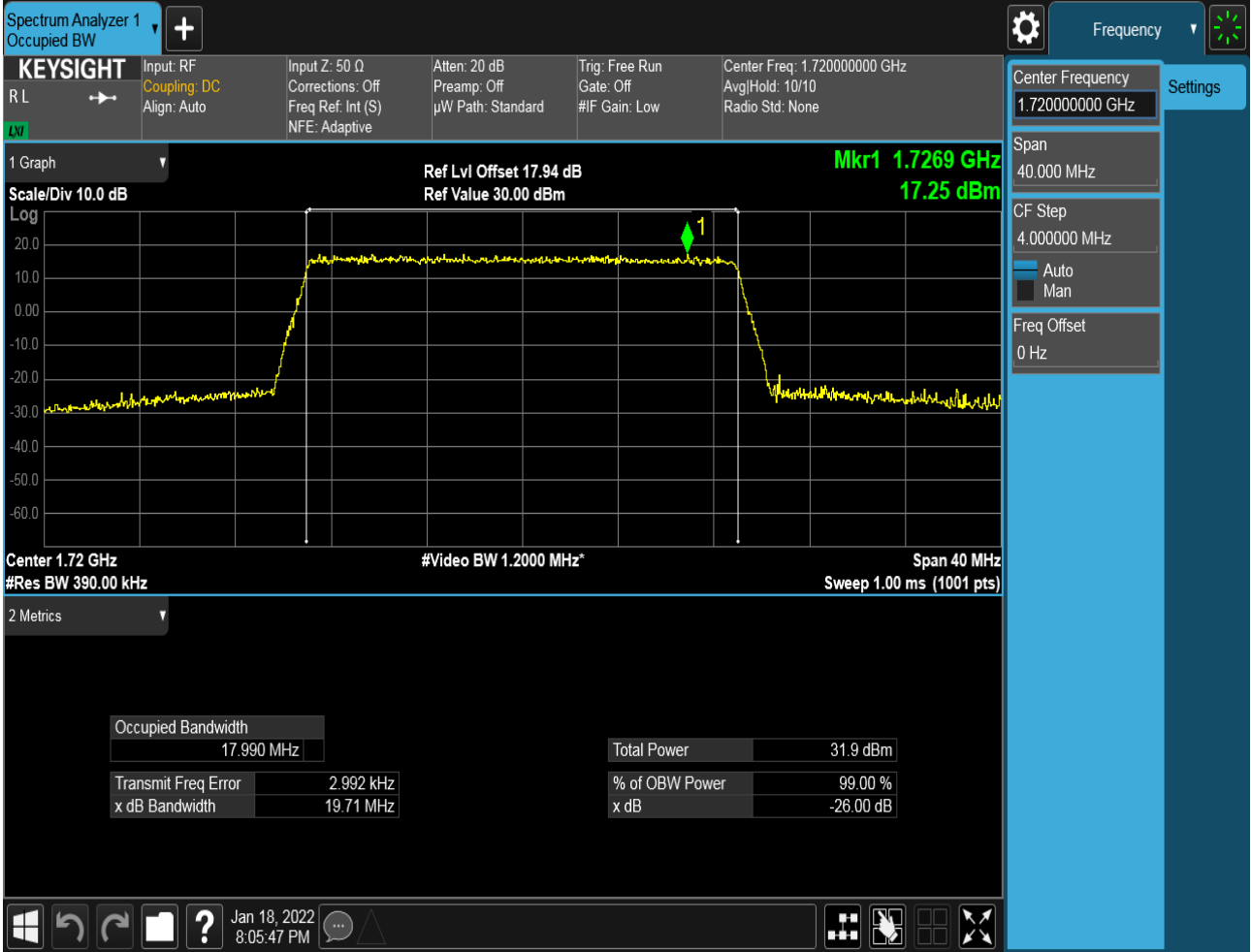




### 4.1.1.1.6 Test Bandwidth = 20MHz

#### 4.1.1.1.6.1 Test Channel = LCH

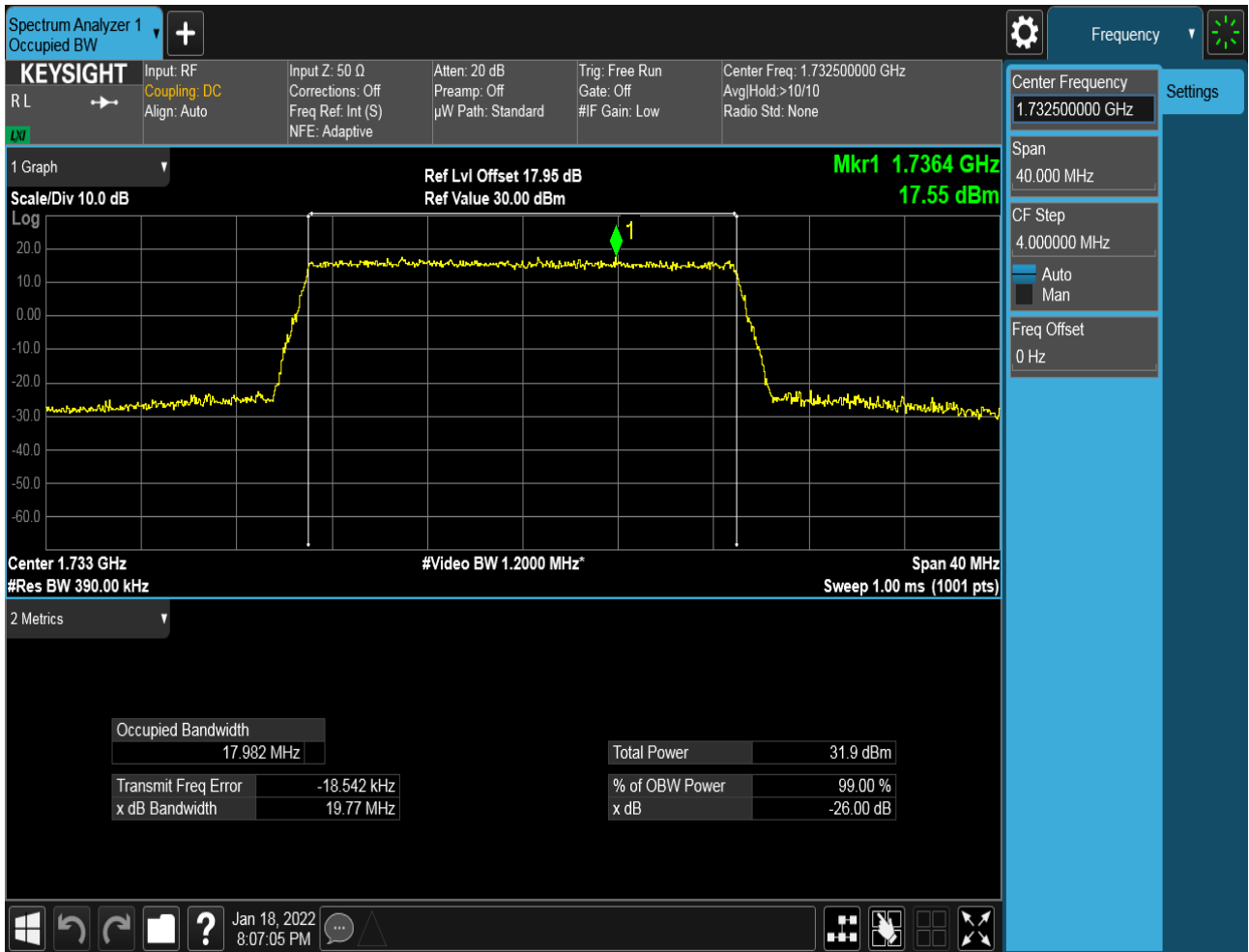
##### 4.1.1.1.6.1.1 Test RB = RB100#0





### 4.1.1.1.6.2 Test Channel = MCH

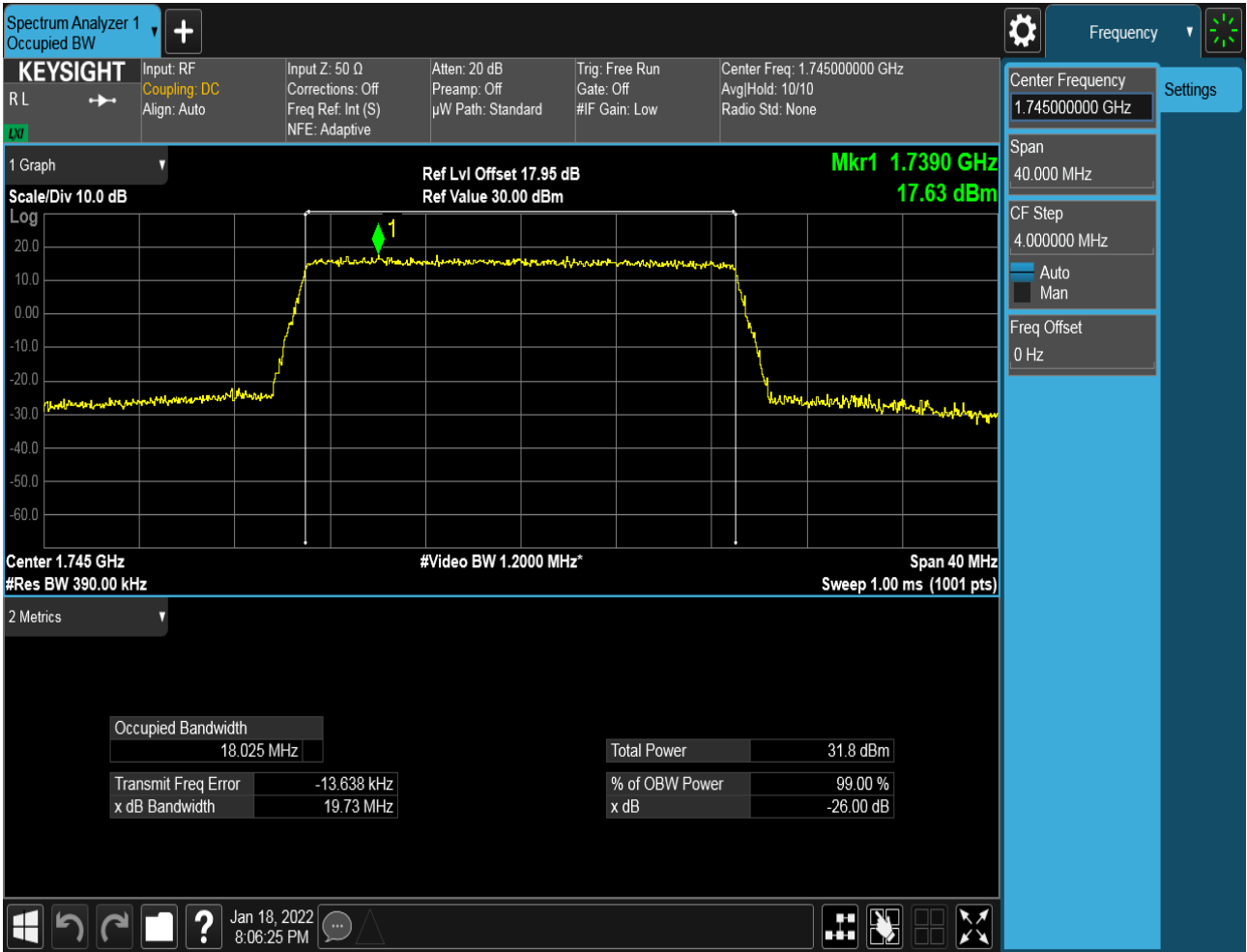
#### 4.1.1.1.6.2.1 Test RB = RB100#0





### 4.1.1.1.6.3 Test Channel = HCH

#### 4.1.1.1.6.3.1 Test RB = RB100#0





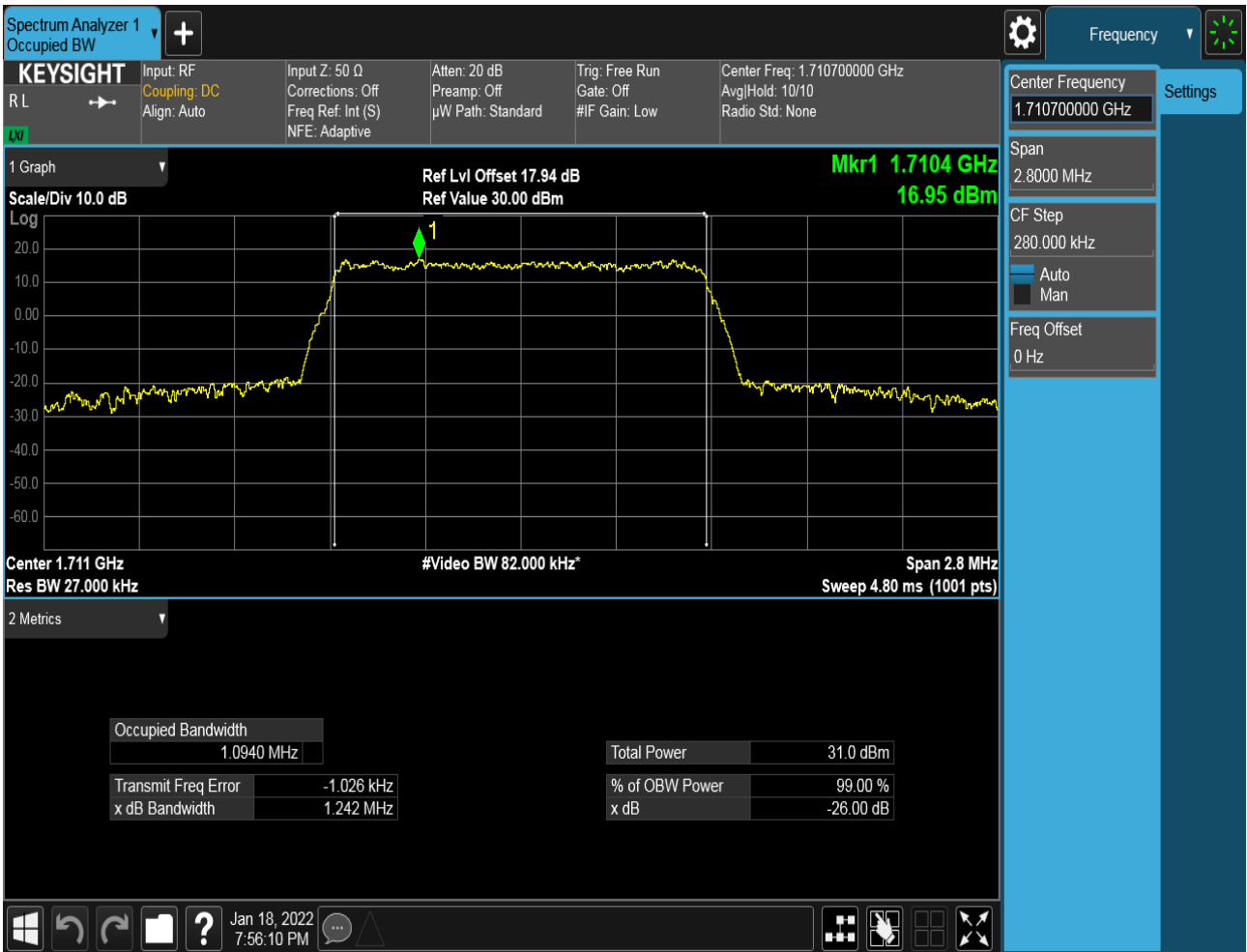


### 4.1.1.2 Test Mode = LTE/TM2

#### 4.1.1.2.1 Test Bandwidth = 1.4MHz

##### 4.1.1.2.1.1 Test Channel = LCH

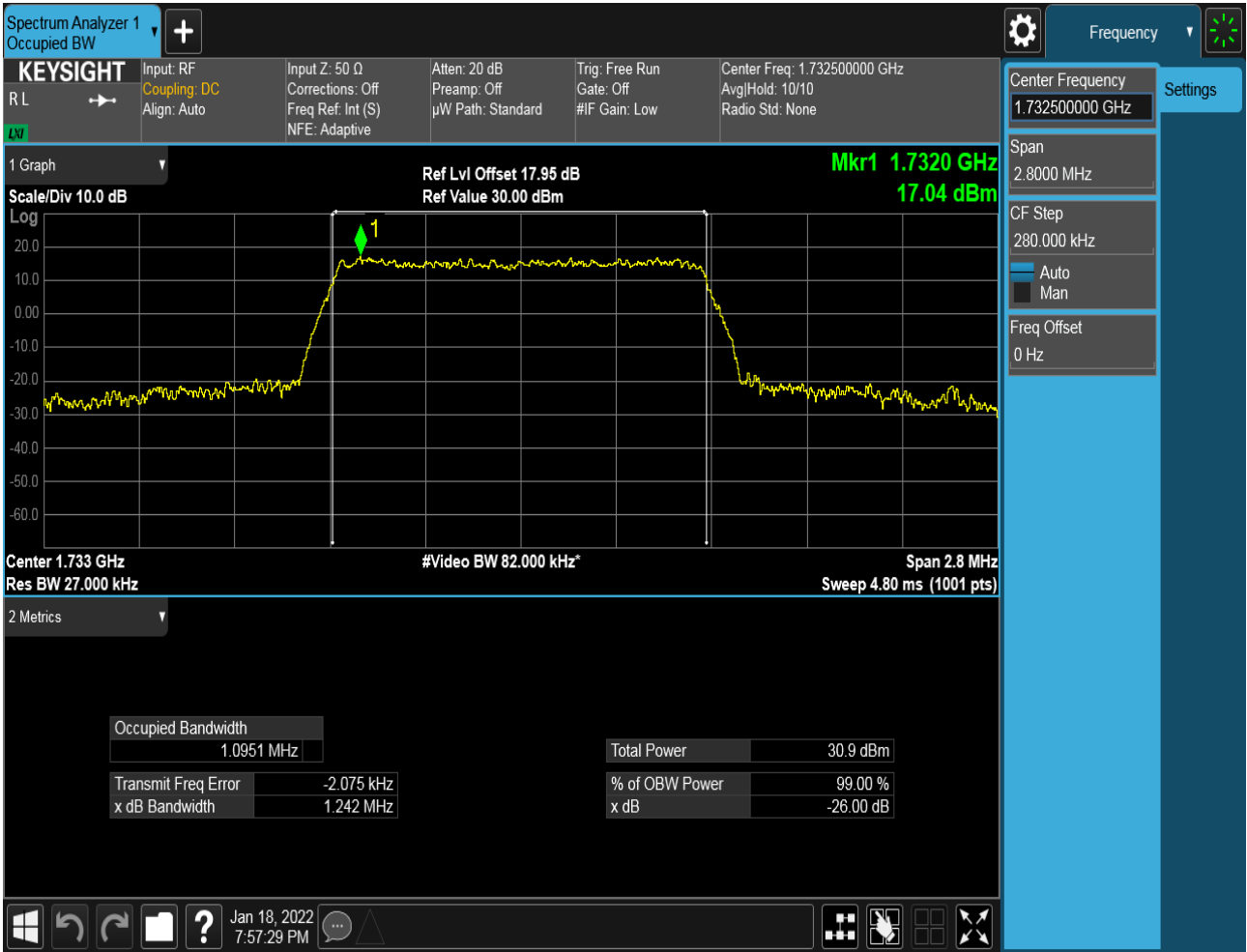
##### 4.1.1.2.1.1.1 Test RB = RB6#0





### 4.1.1.2.1.2 Test Channel = MCH

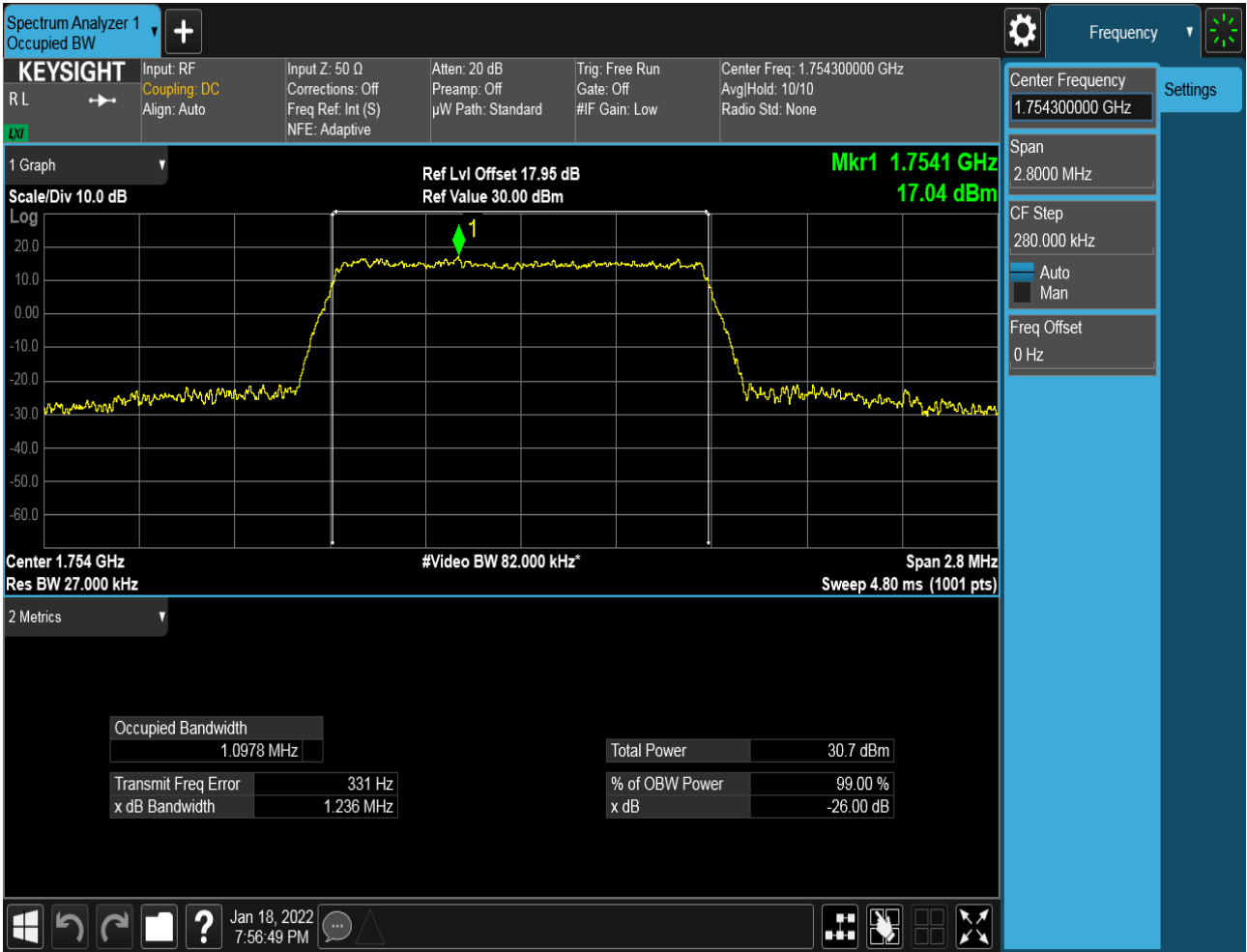
#### 4.1.1.2.1.2.1 Test RB = RB6#0





### 4.1.1.2.1.3 Test Channel = HCH

#### 4.1.1.2.1.3.1 Test RB = RB6#0

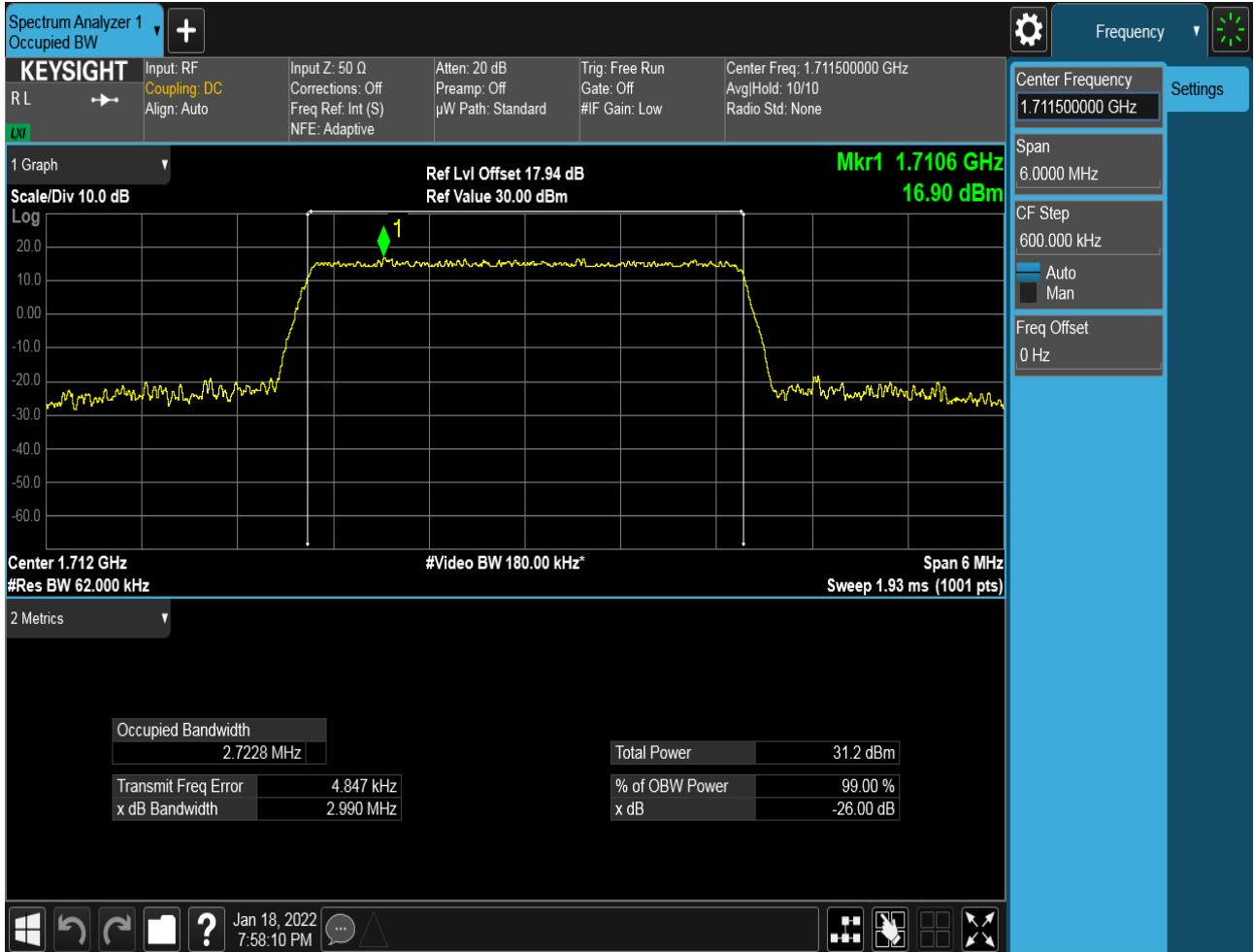




### 4.1.1.2.2 Test Bandwidth = 3MHz

#### 4.1.1.2.2.1 Test Channel = LCH

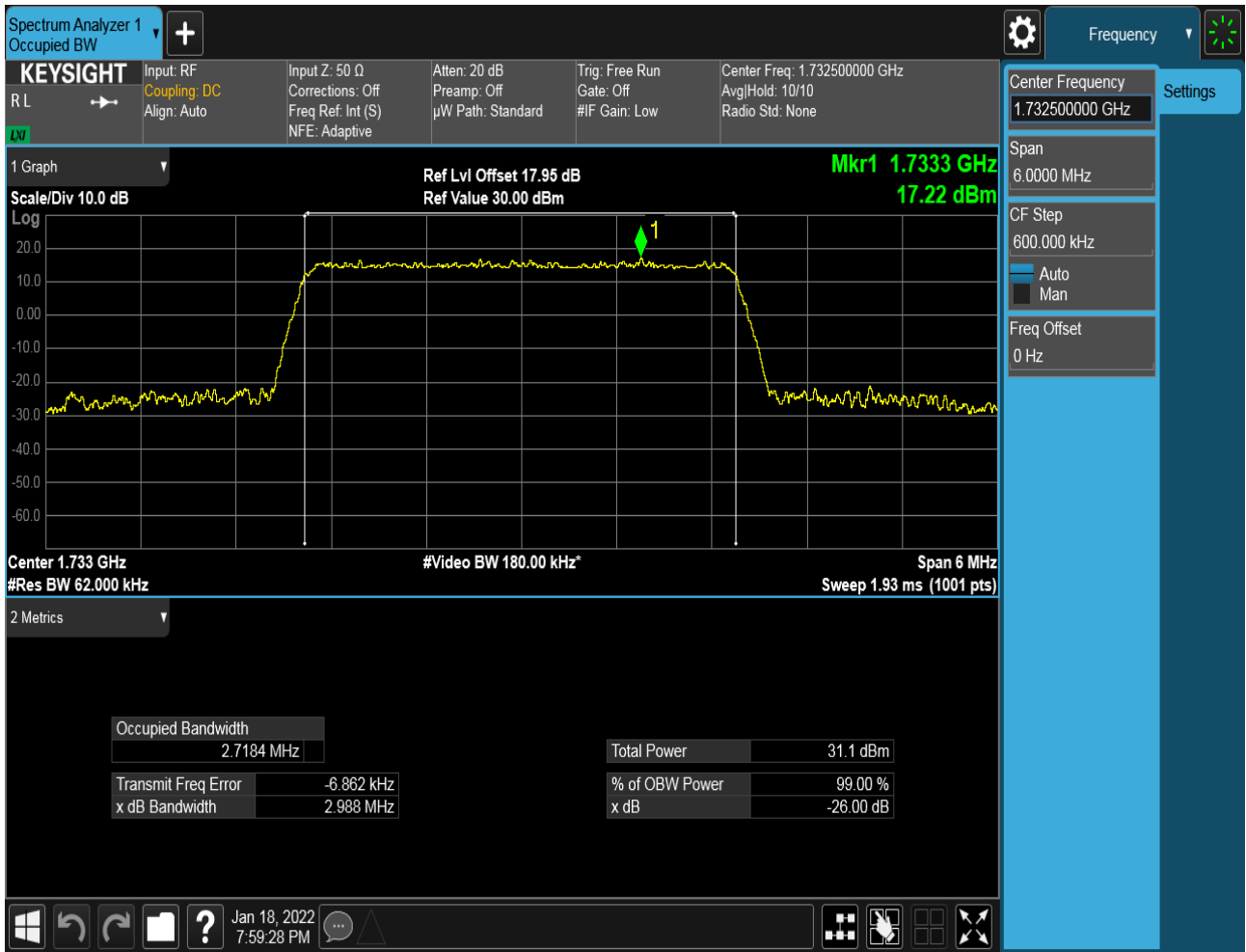
##### 4.1.1.2.2.1.1 Test RB = RB15#0





### 4.1.1.2.2.2 Test Channel = MCH

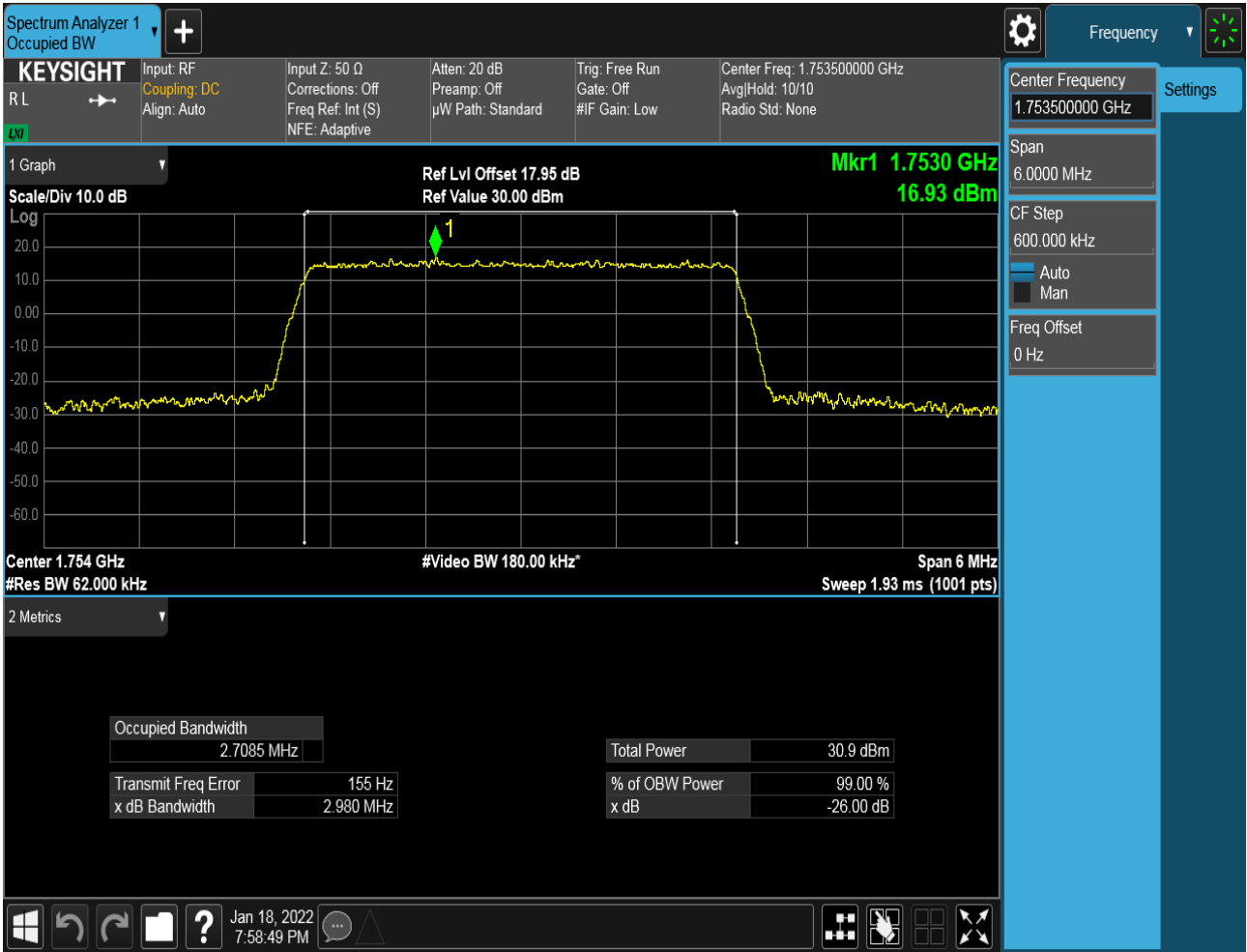
#### 4.1.1.2.2.2.1 Test RB = RB15#0





### 4.1.1.2.2.3 Test Channel = HCH

#### 4.1.1.2.2.3.1 Test RB = RB15#0

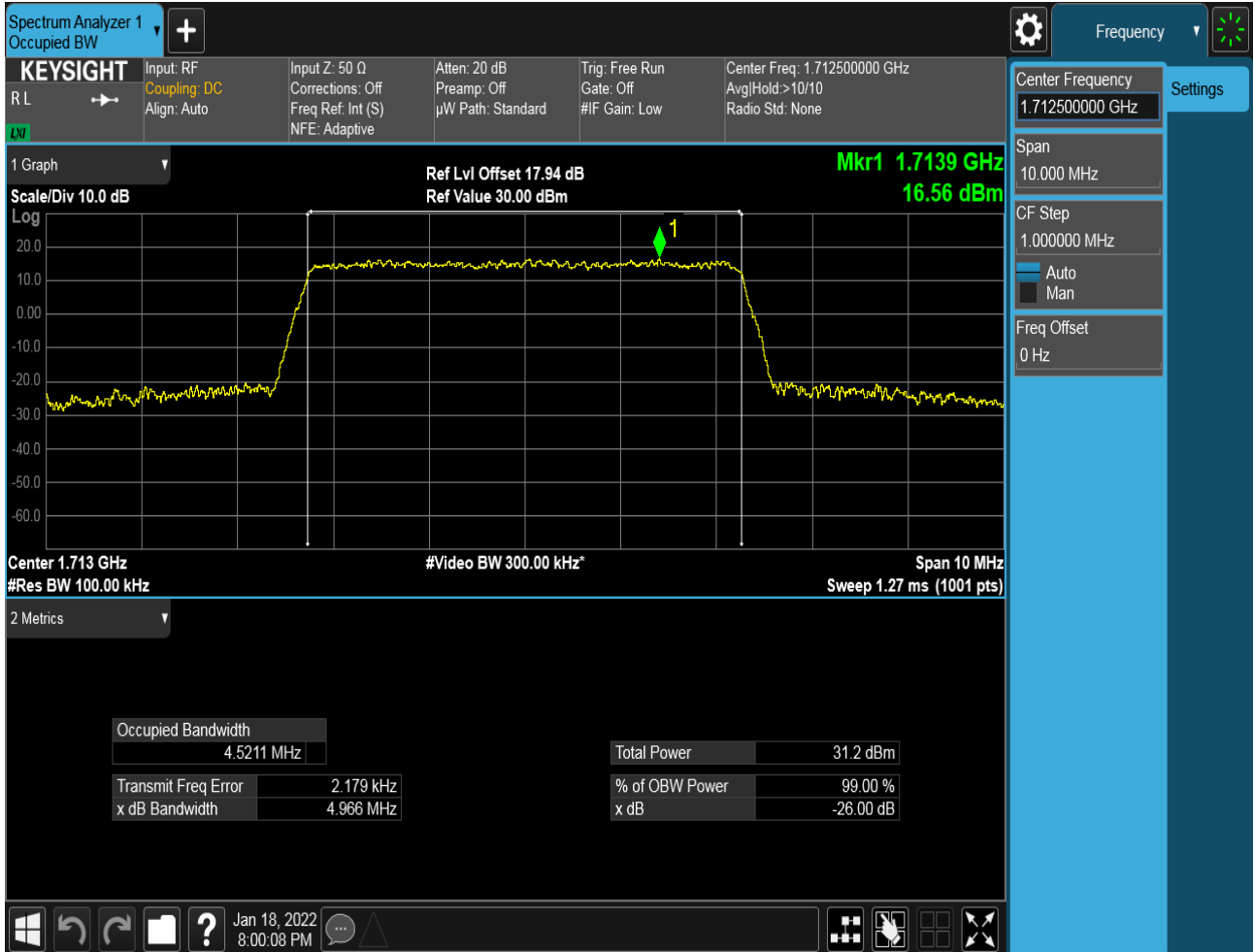




### 4.1.1.2.3 Test Bandwidth = 5MHz

#### 4.1.1.2.3.1 Test Channel = LCH

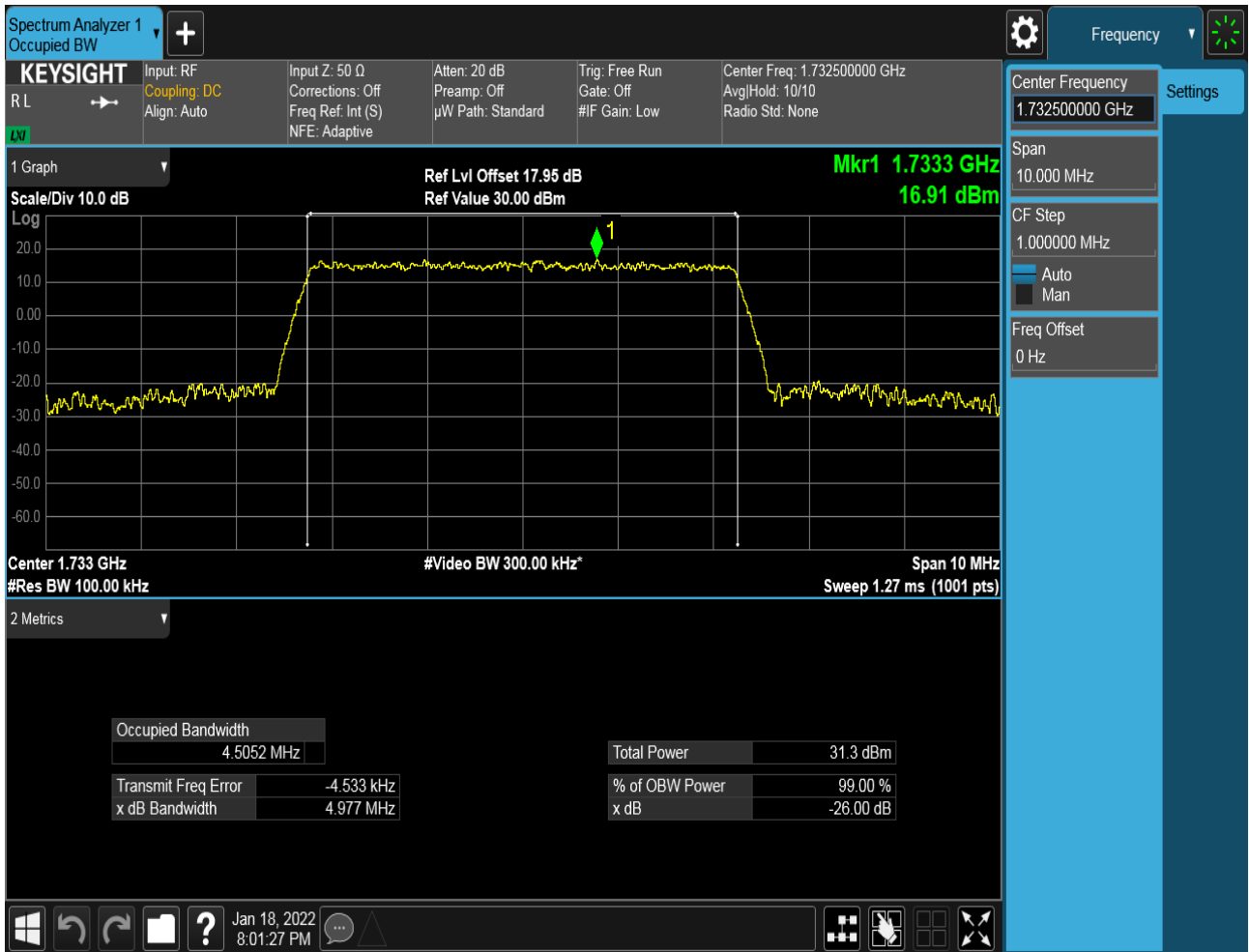
##### 4.1.1.2.3.1.1 Test RB = RB25#0





### 4.1.1.2.3.2 Test Channel = MCH

#### 4.1.1.2.3.2.1 Test RB = RB25#0

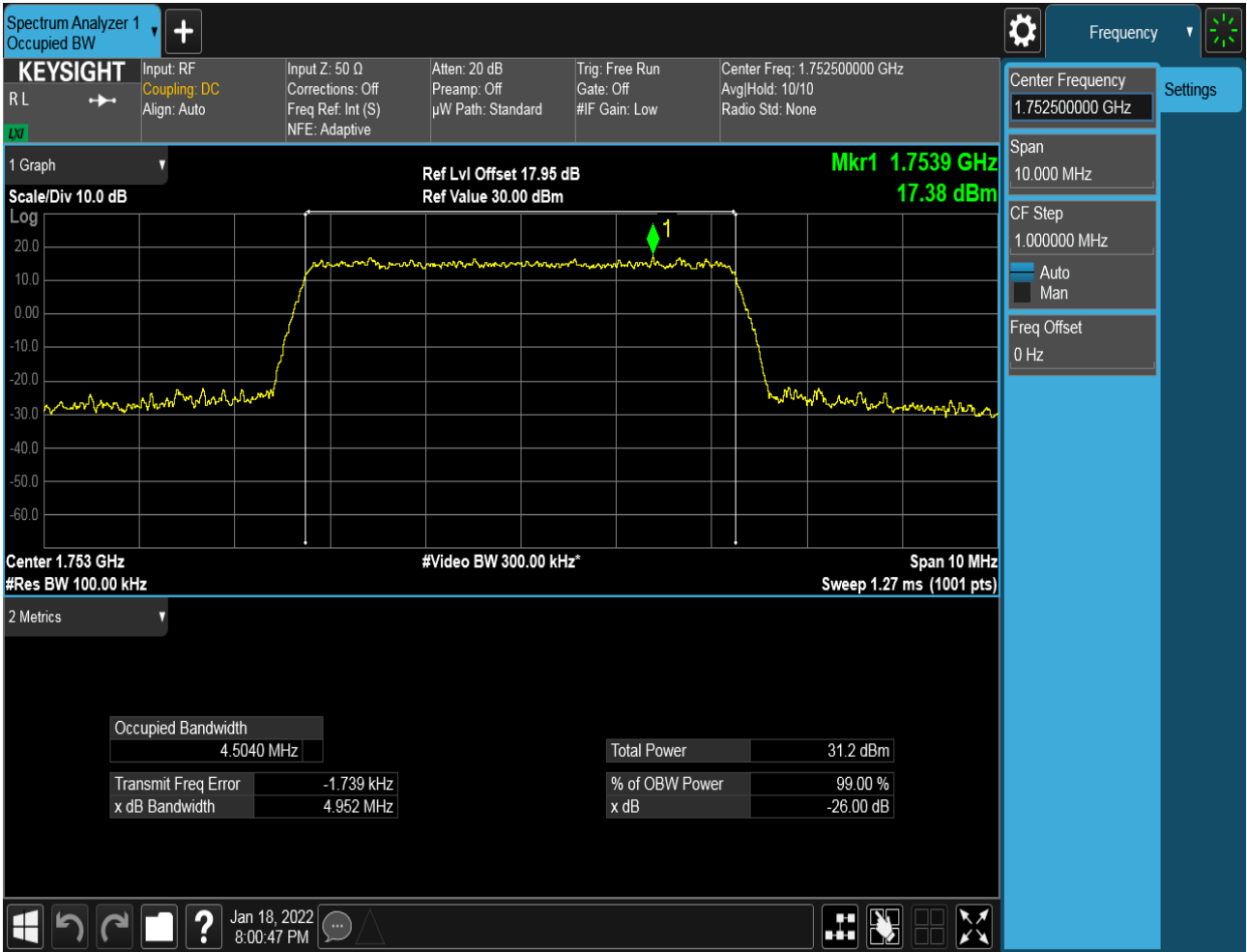






### 4.1.1.2.3.3 Test Channel = HCH

#### 4.1.1.2.3.3.1 Test RB = RB25#0

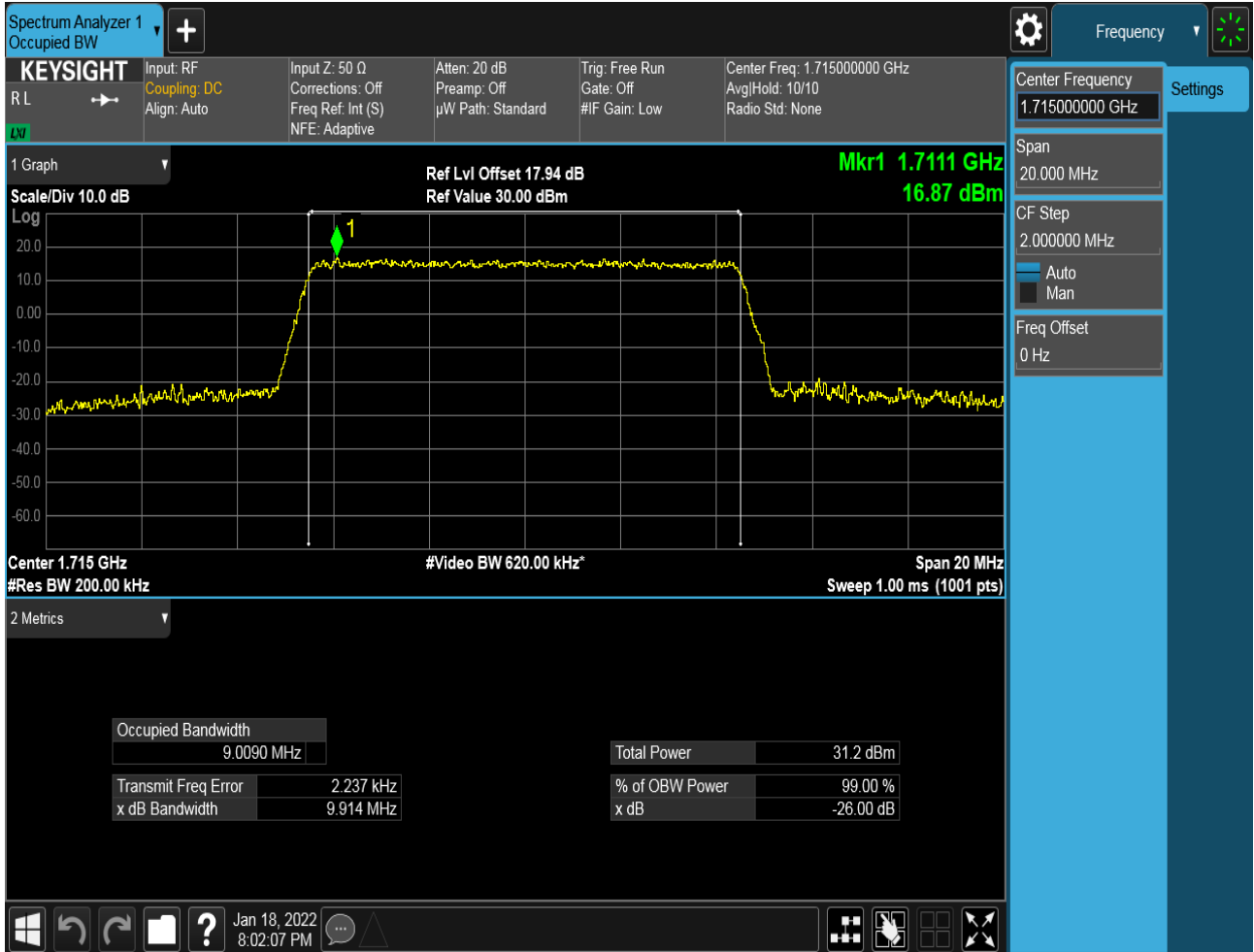




### 4.1.1.2.4 Test Bandwidth = 10MHz

#### 4.1.1.2.4.1 Test Channel = LCH

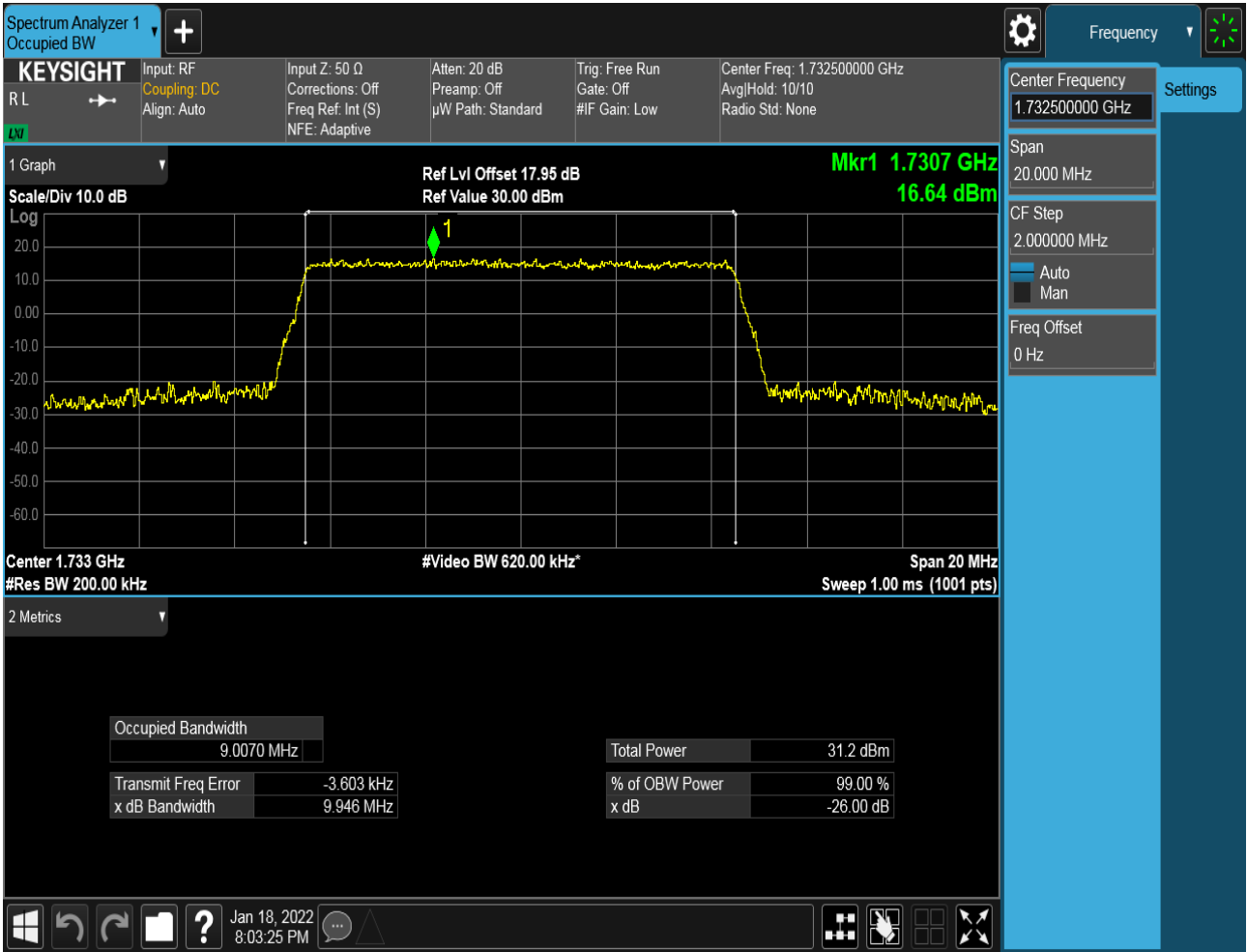
##### 4.1.1.2.4.1.1 Test RB = RB50#0





### 4.1.1.2.4.2 Test Channel = MCH

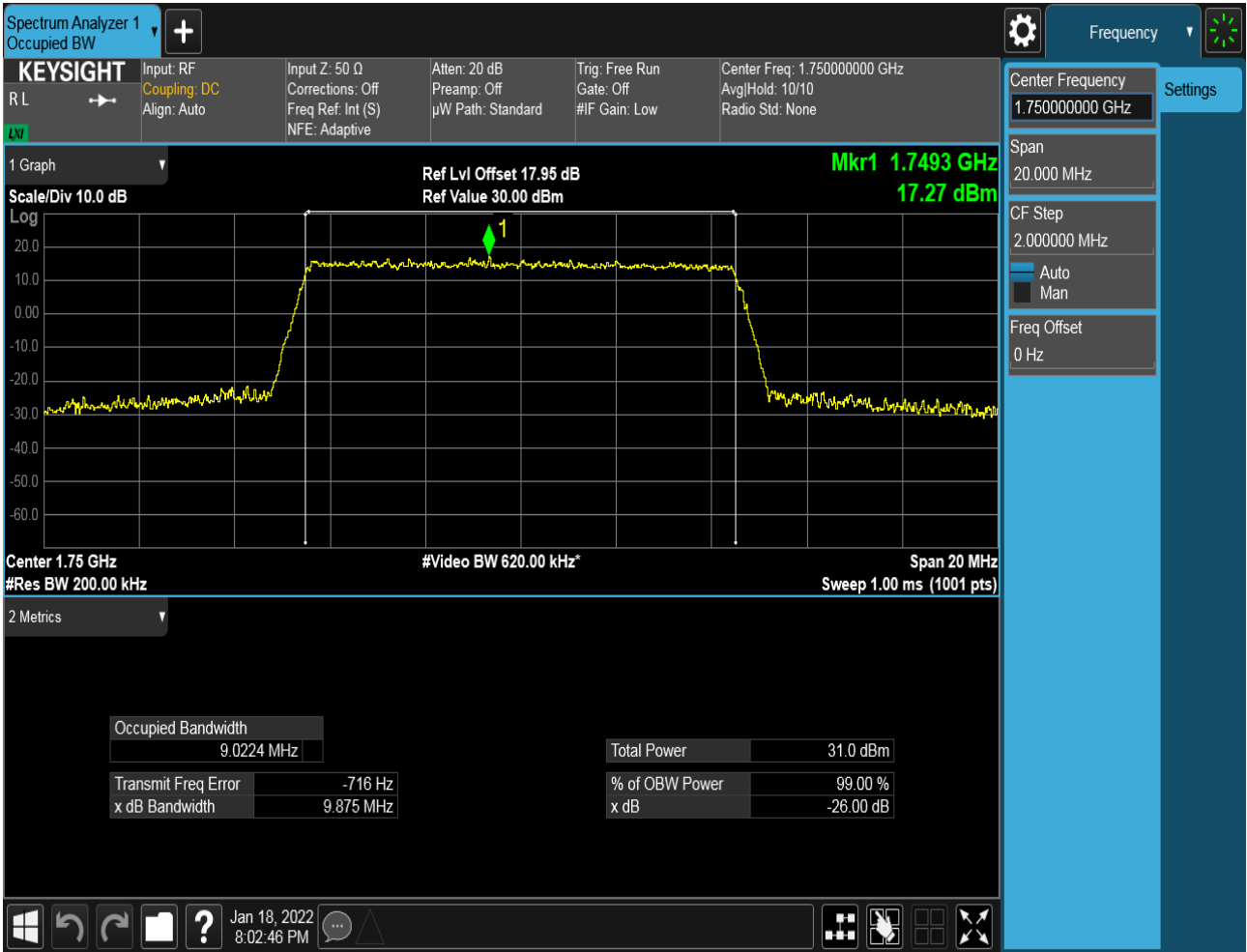
#### 4.1.1.2.4.2.1 Test RB = RB50#0





### 4.1.1.2.4.3 Test Channel = HCH

#### 4.1.1.2.4.3.1 Test RB = RB50#0

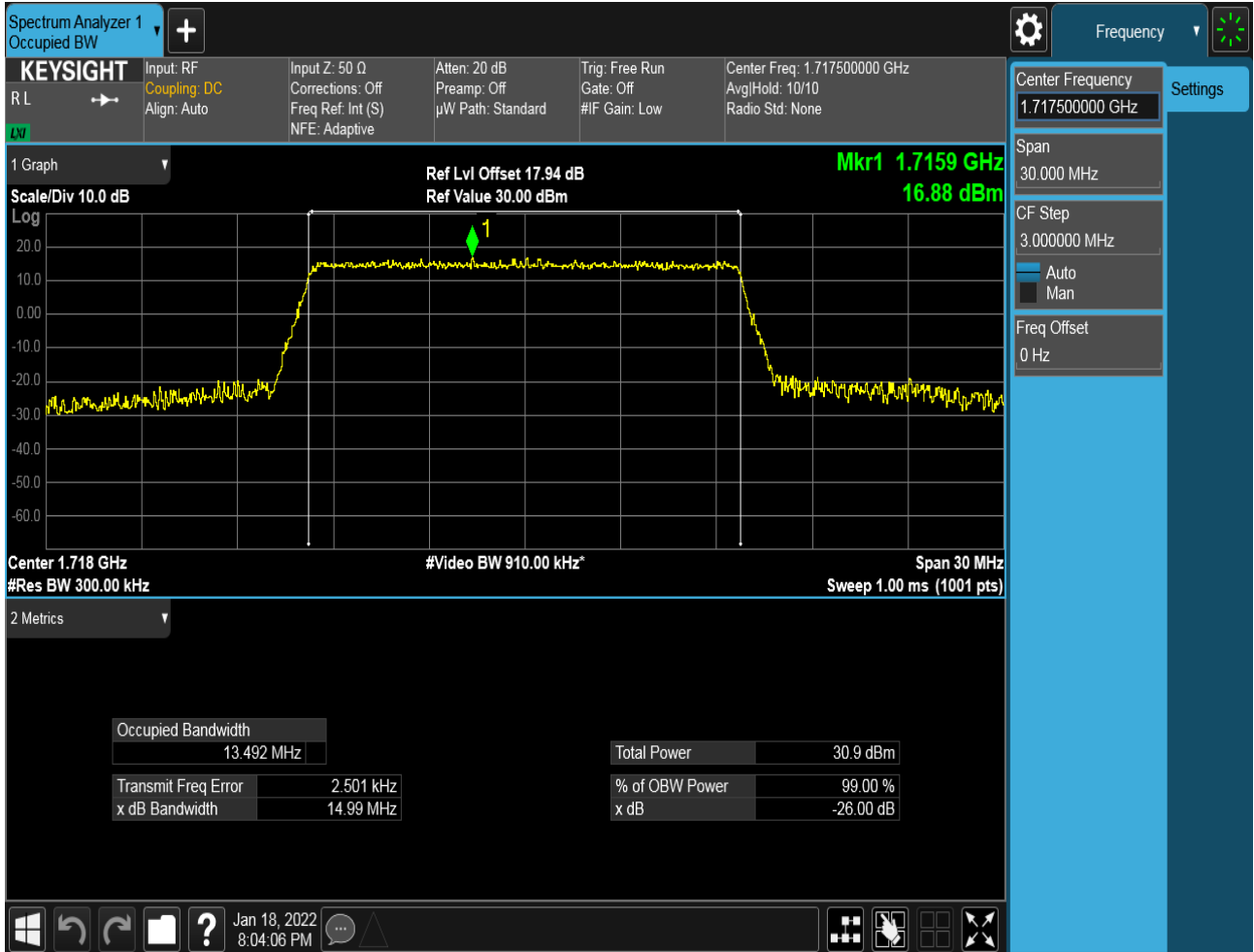




### 4.1.1.2.5 Test Bandwidth = 15MHz

#### 4.1.1.2.5.1 Test Channel = LCH

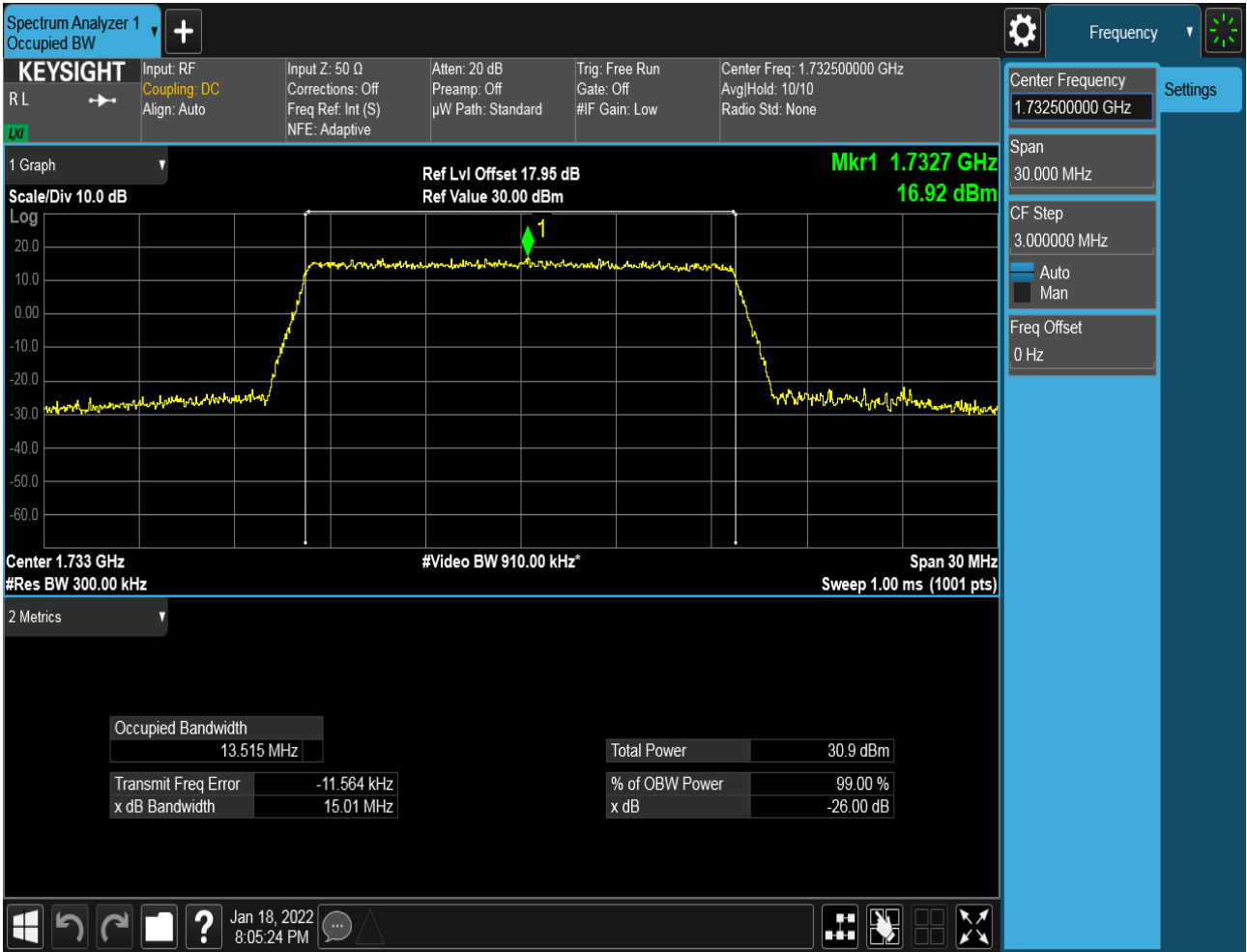
##### 4.1.1.2.5.1.1 Test RB = RB75#0





### 4.1.1.2.5.2 Test Channel = MCH

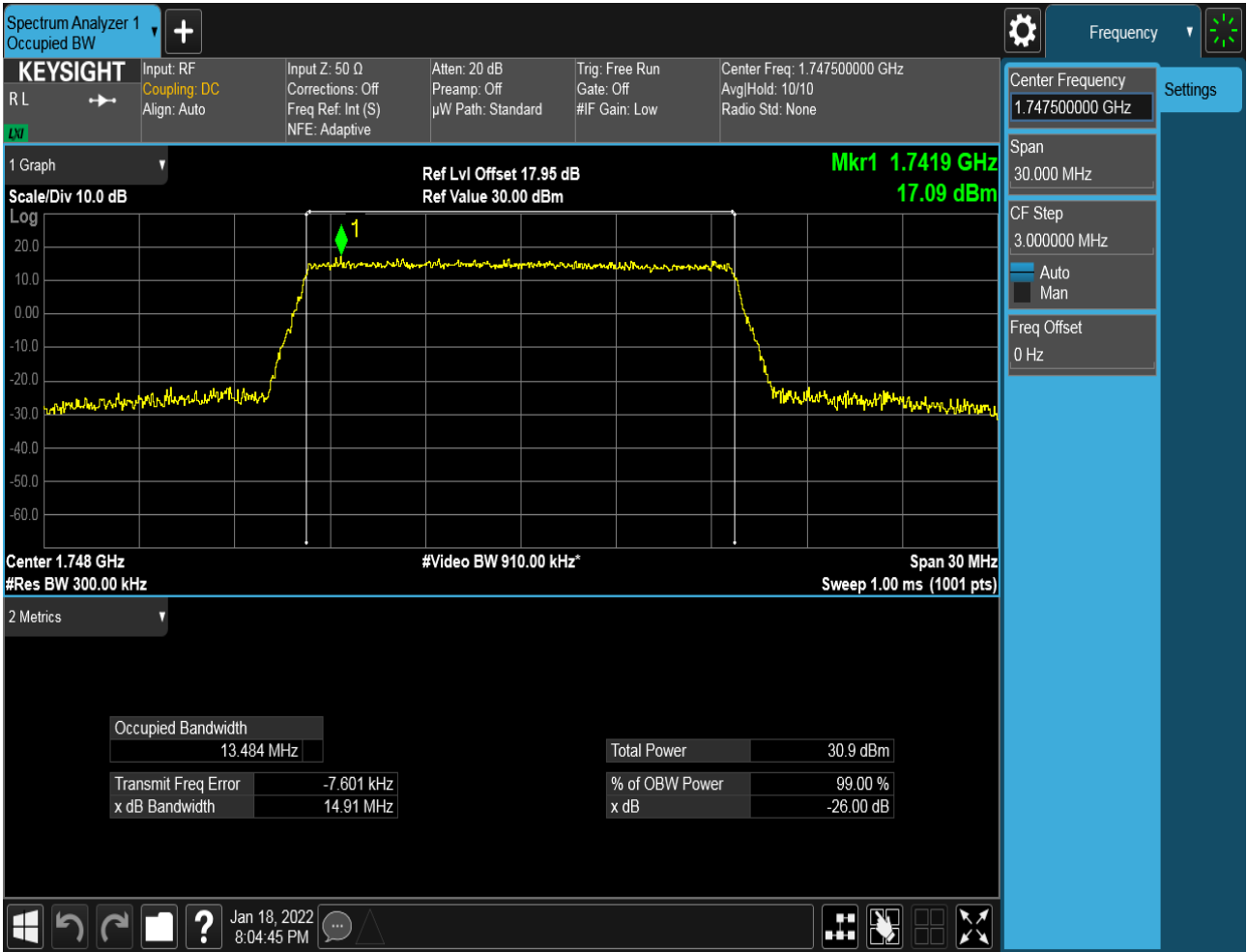
#### 4.1.1.2.5.2.1 Test RB = RB75#0





### 4.1.1.2.5.3 Test Channel = HCH

#### 4.1.1.2.5.3.1 Test RB = RB75#0

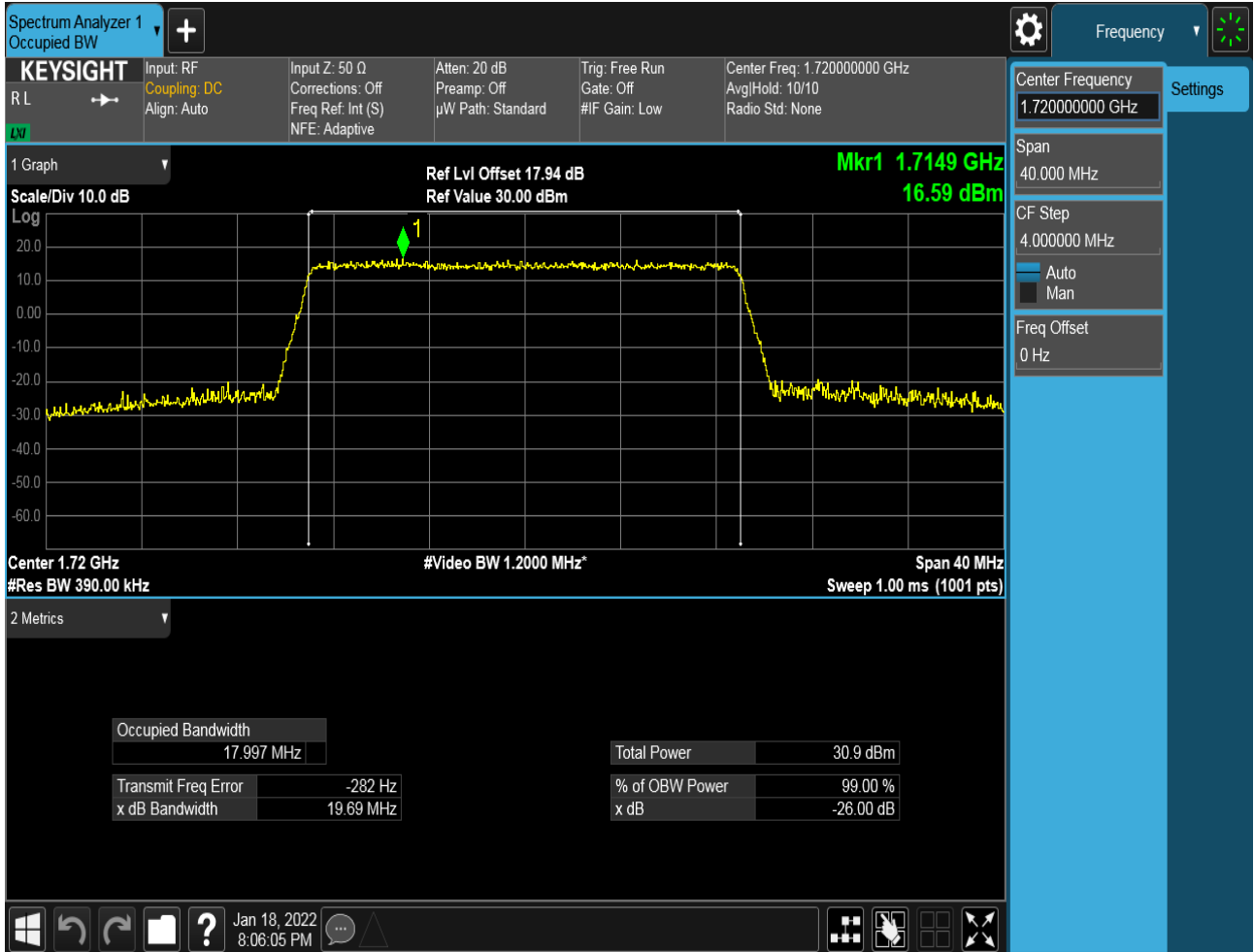




### 4.1.1.2.6 Test Bandwidth = 20MHz

#### 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

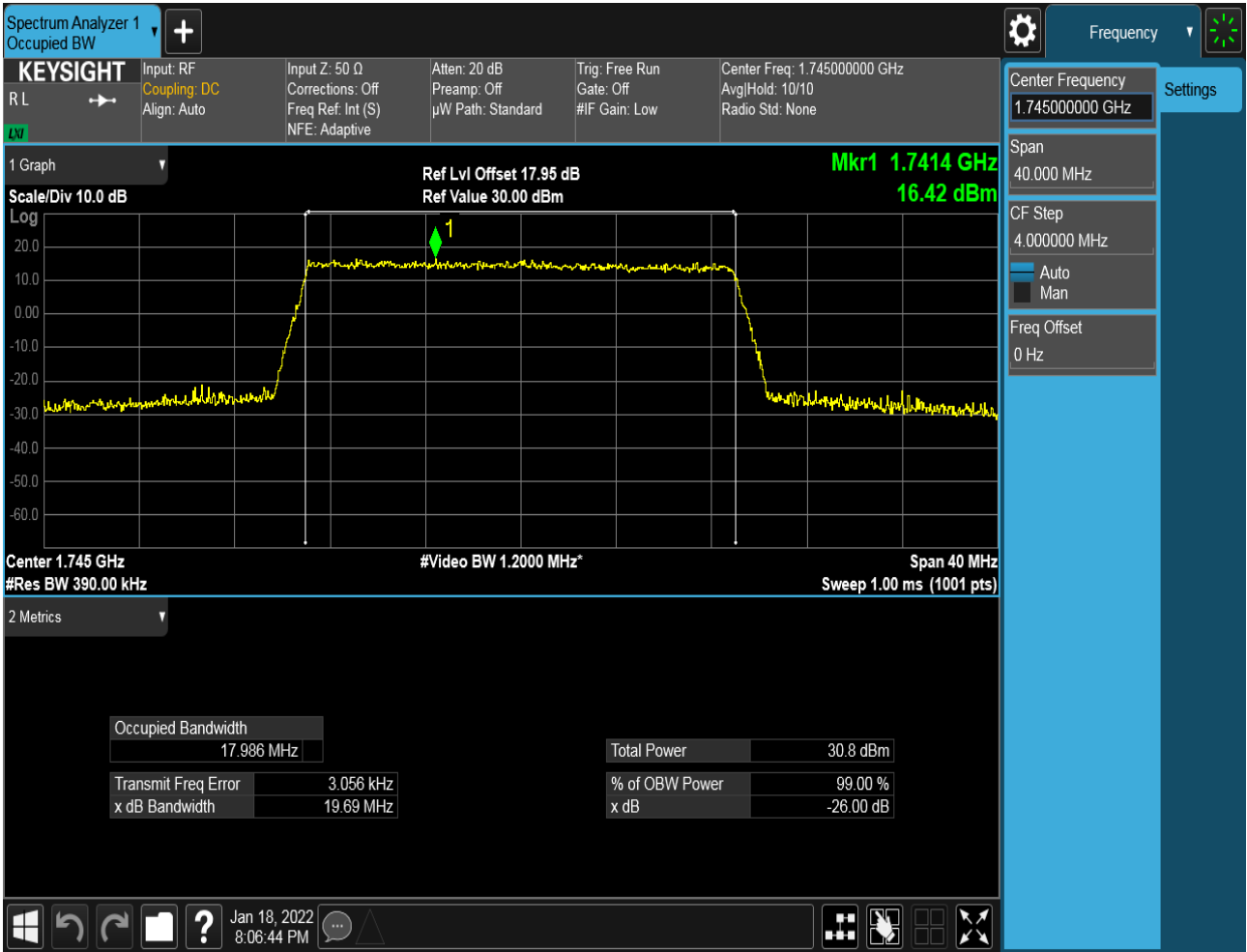
#### 4.1.1.2.6.2.1 Test RB = RB100#0





### 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

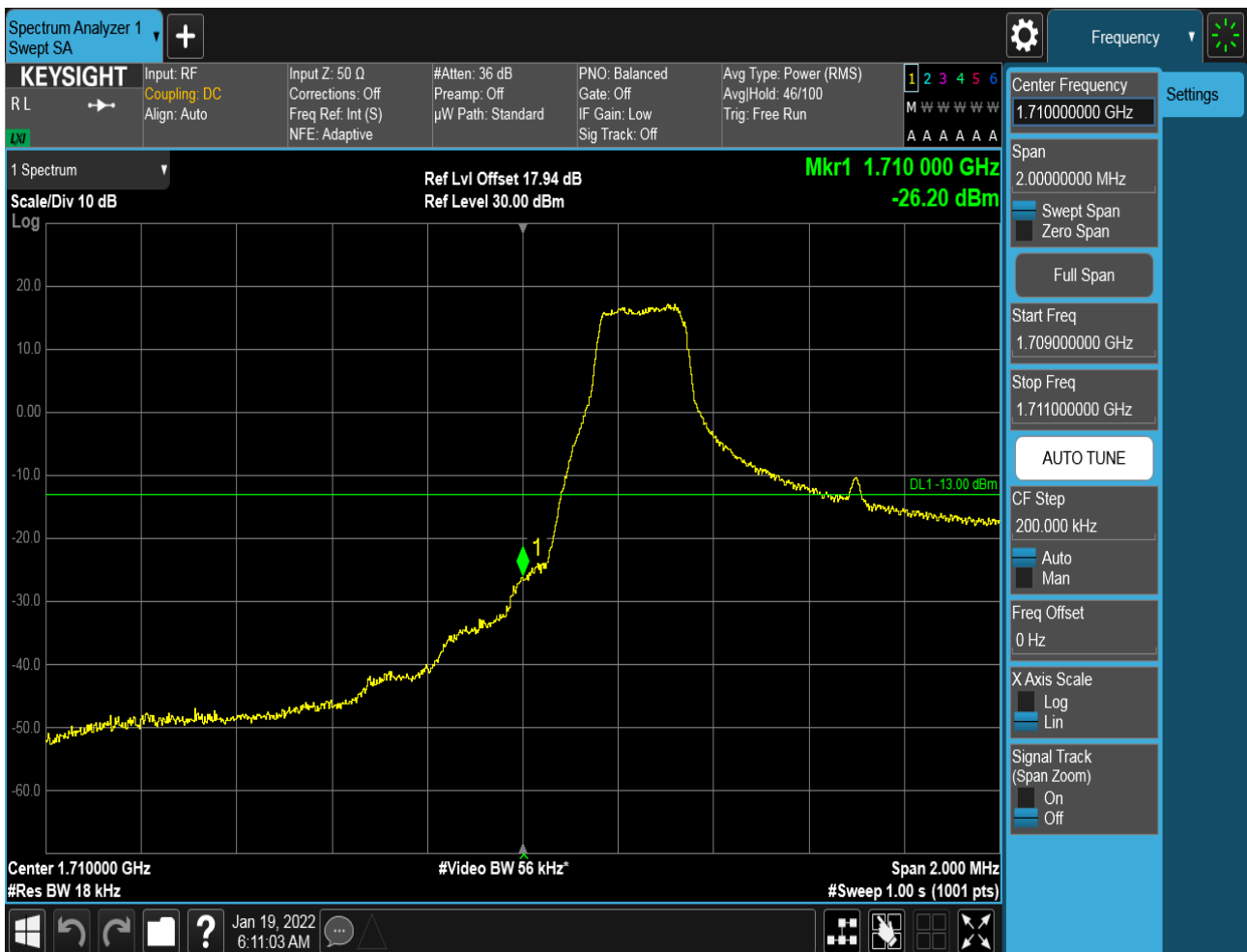
#### 5.1.1 Test Band = Band4

##### 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



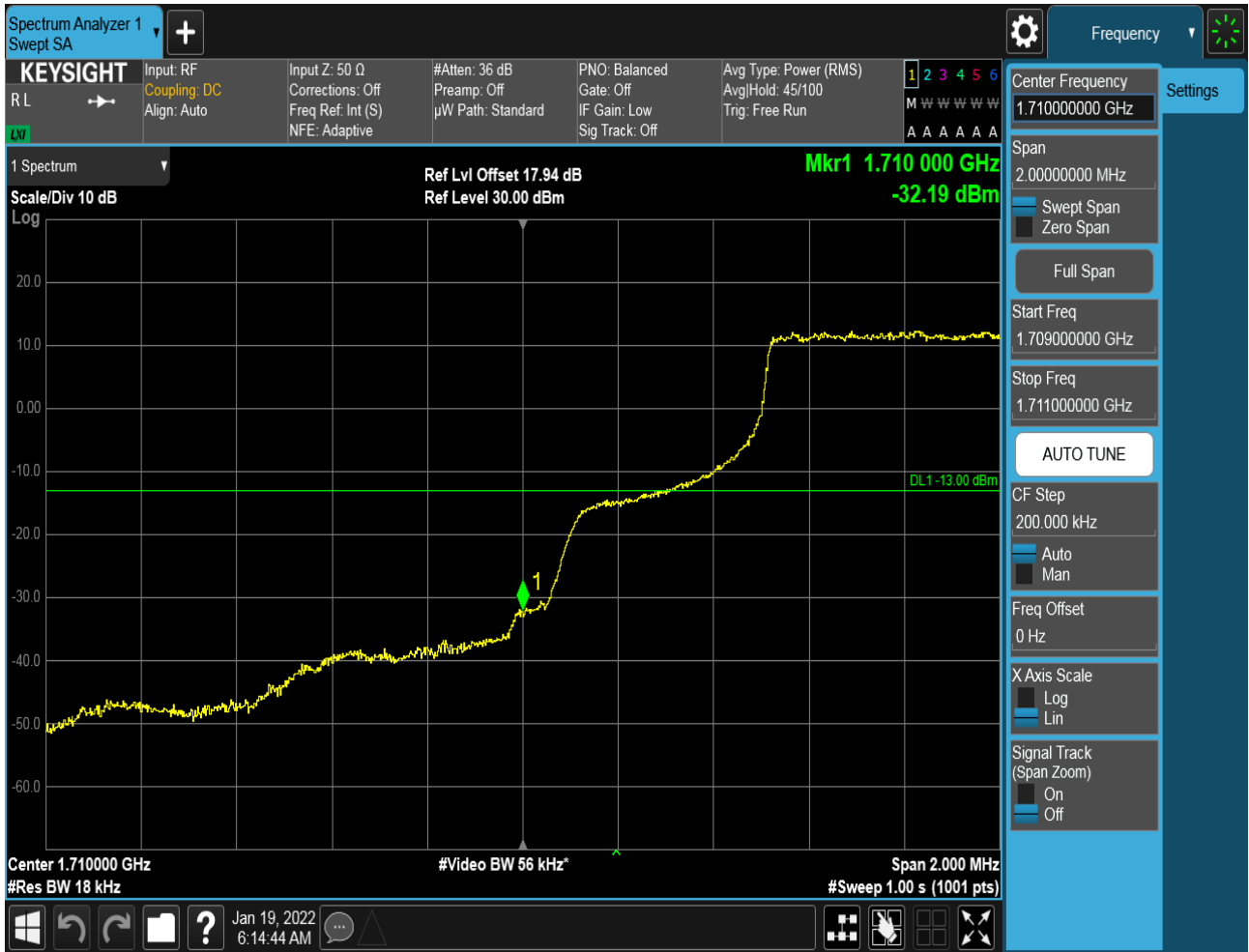


### 5.1.1.1.1.2 Test RB = RB1#5



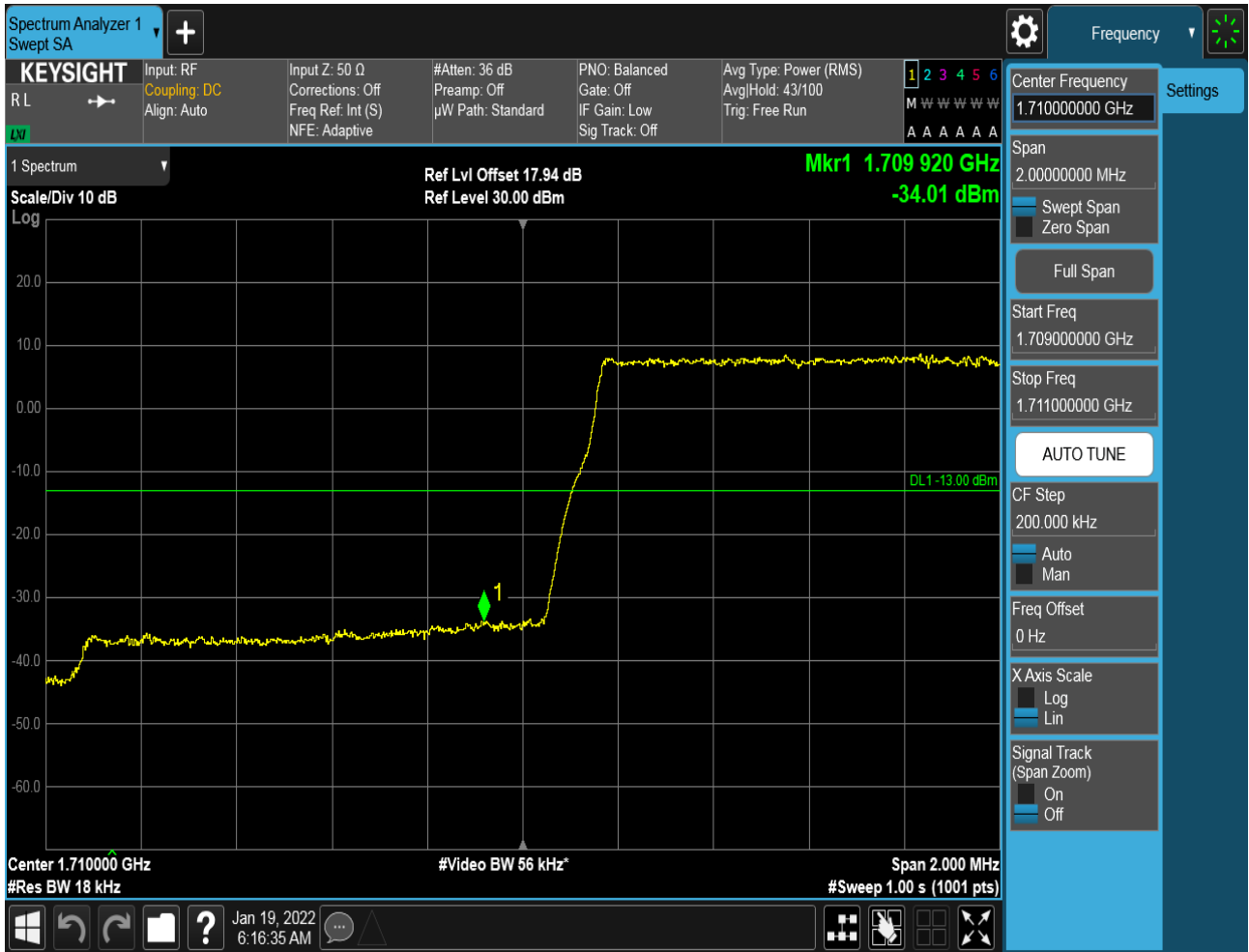


5.1.1.1.1.3 Test RB = RB3#2





### 5.1.1.1.1.4 Test RB = RB6#0





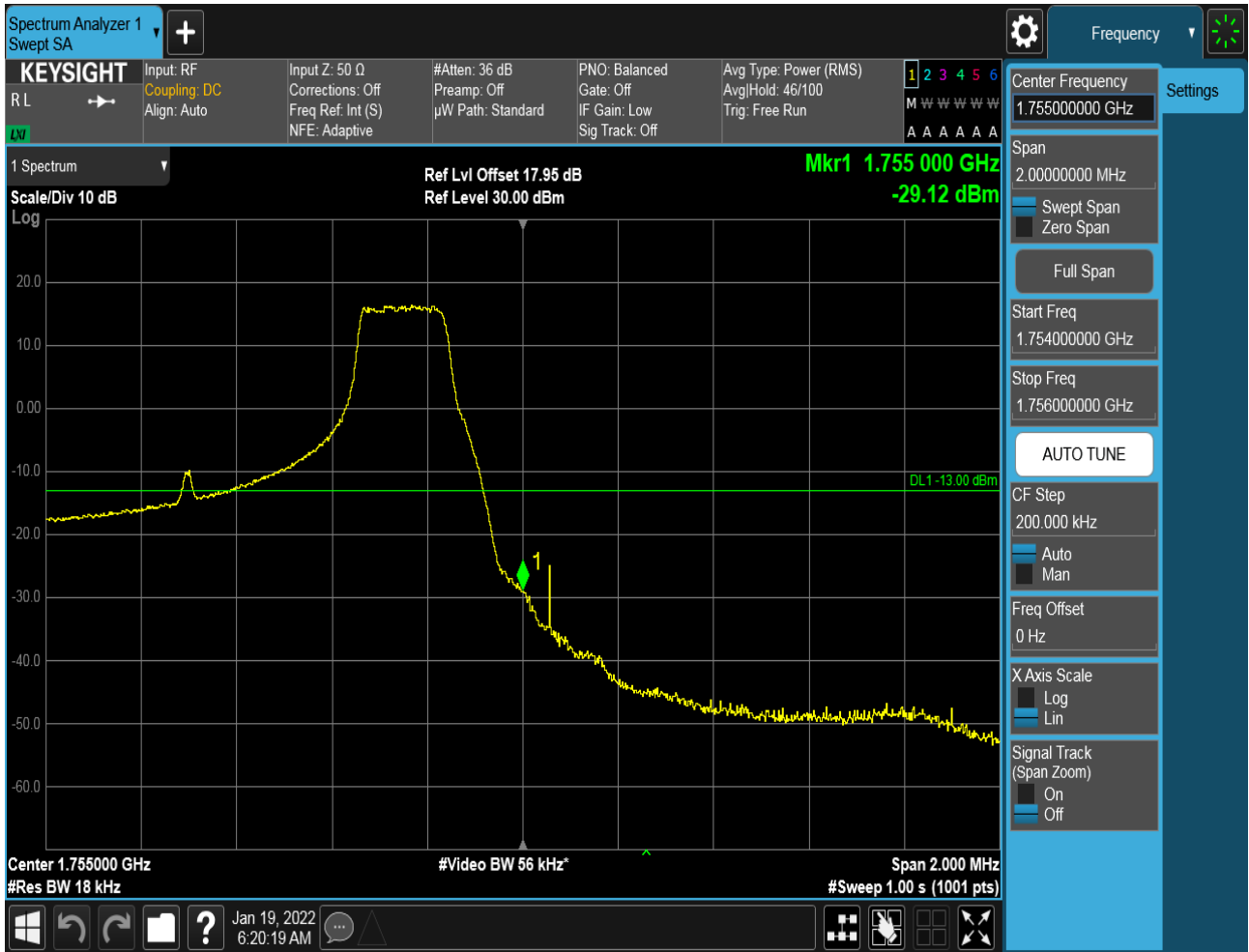
### 5.1.1.1.1.2 Test Channel = HCH

#### 5.1.1.1.1.2.1 Test RB = RB1#0





### 5.1.1.1.2.2 Test RB = RB1#5





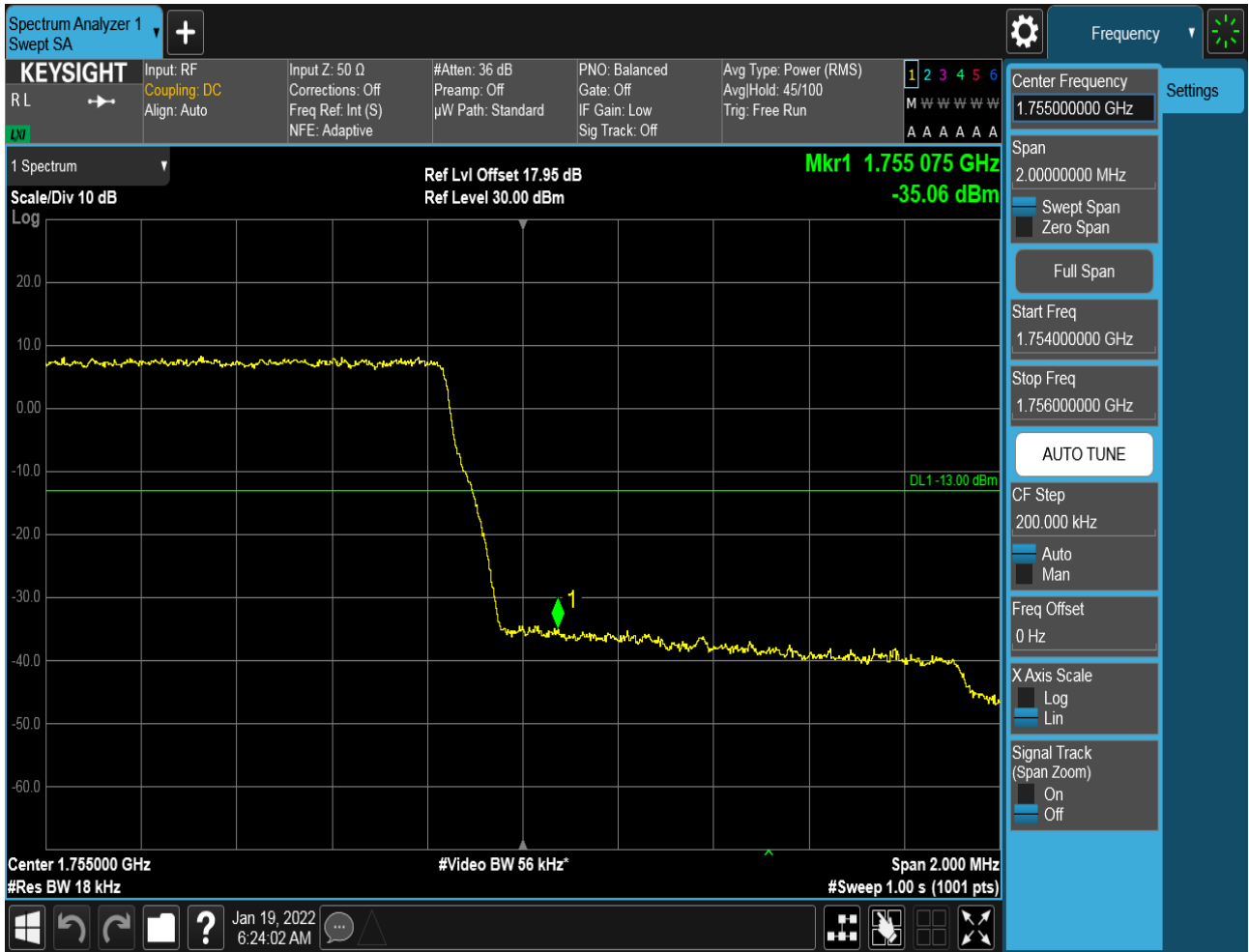


### 5.1.1.1.2.3 Test RB = RB3#2





### 5.1.1.1.2.4 Test RB = RB6#0

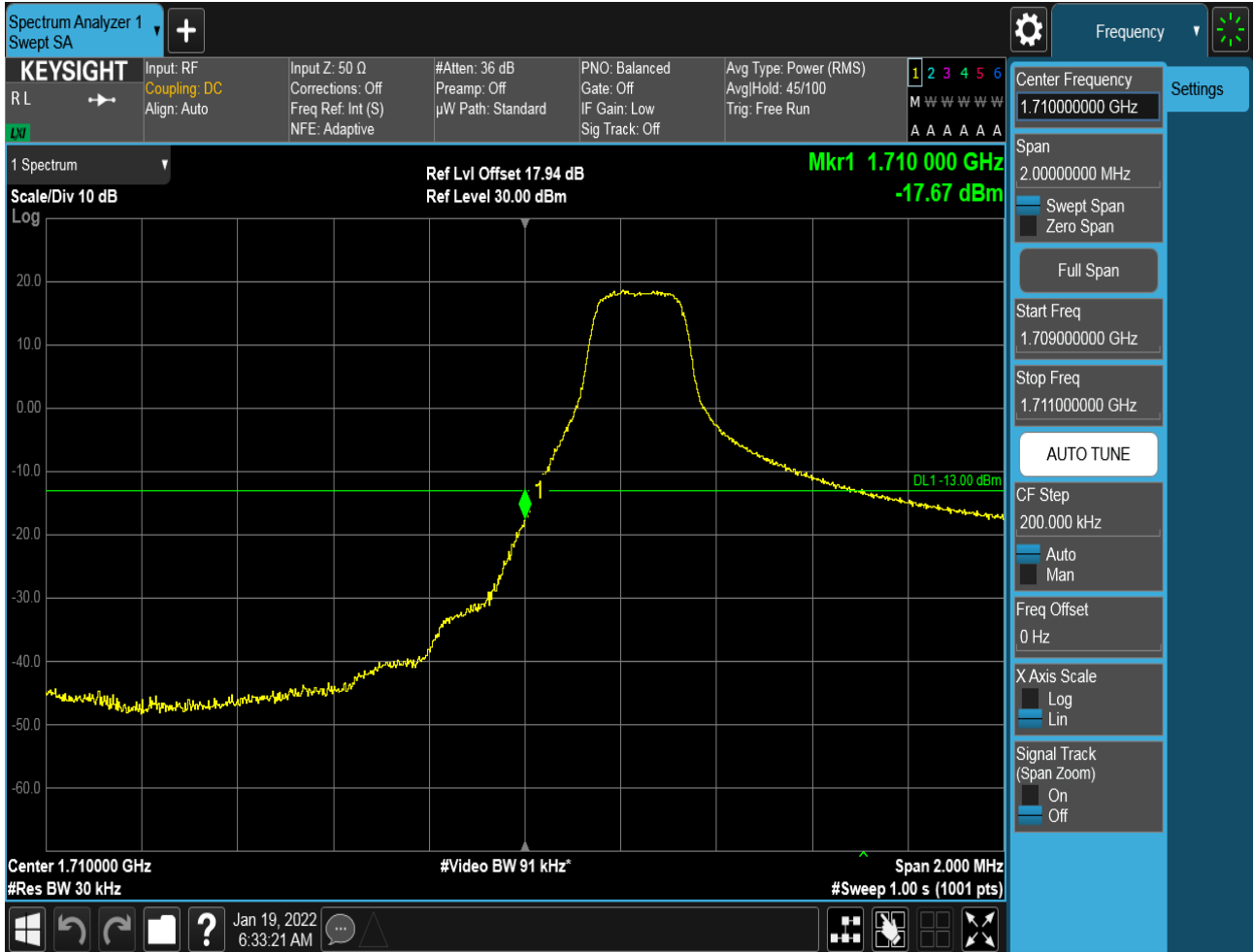




### 5.1.1.1.2 Test Bandwidth = 3MHz

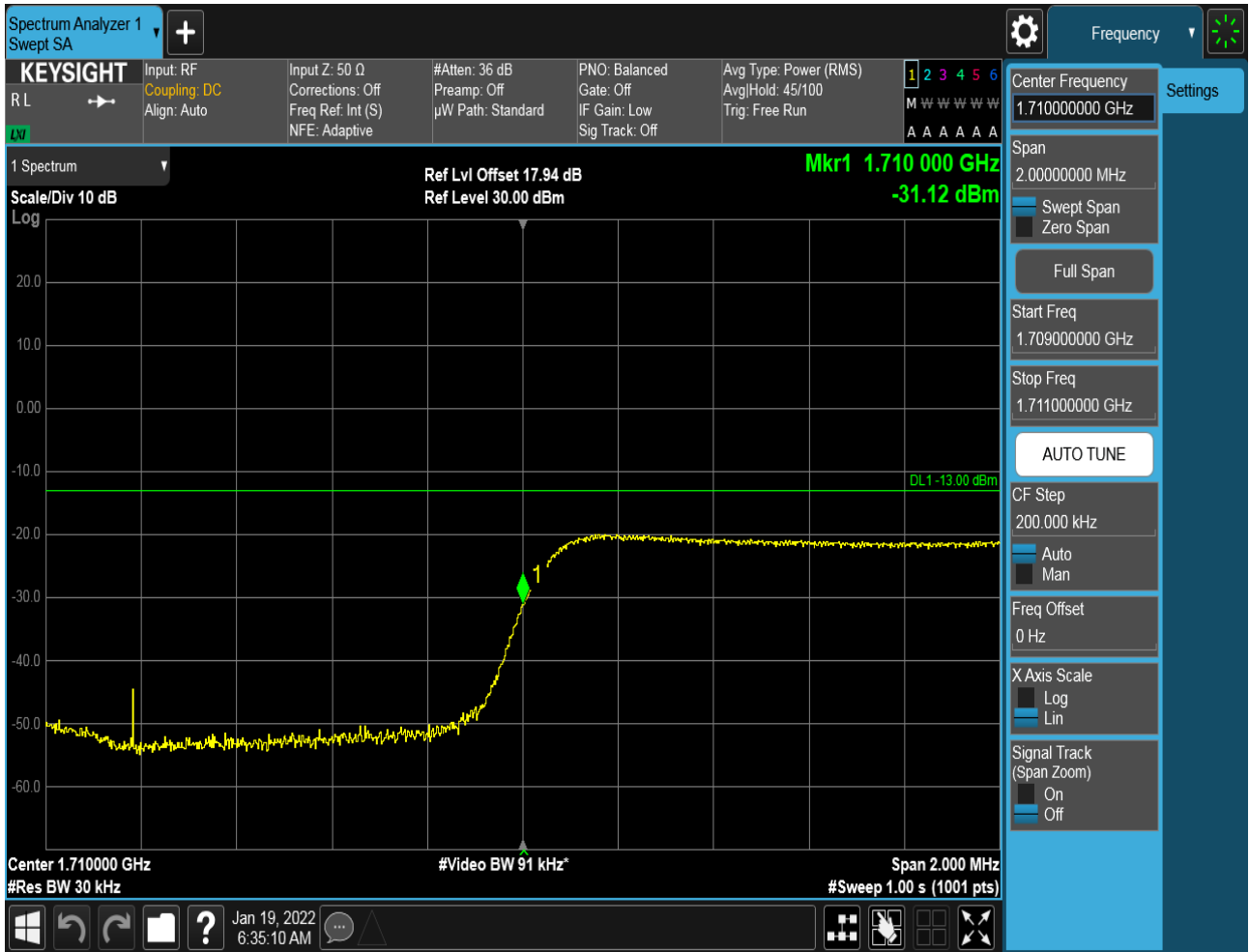
#### 5.1.1.1.2.1 Test Channel = LCH

##### 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





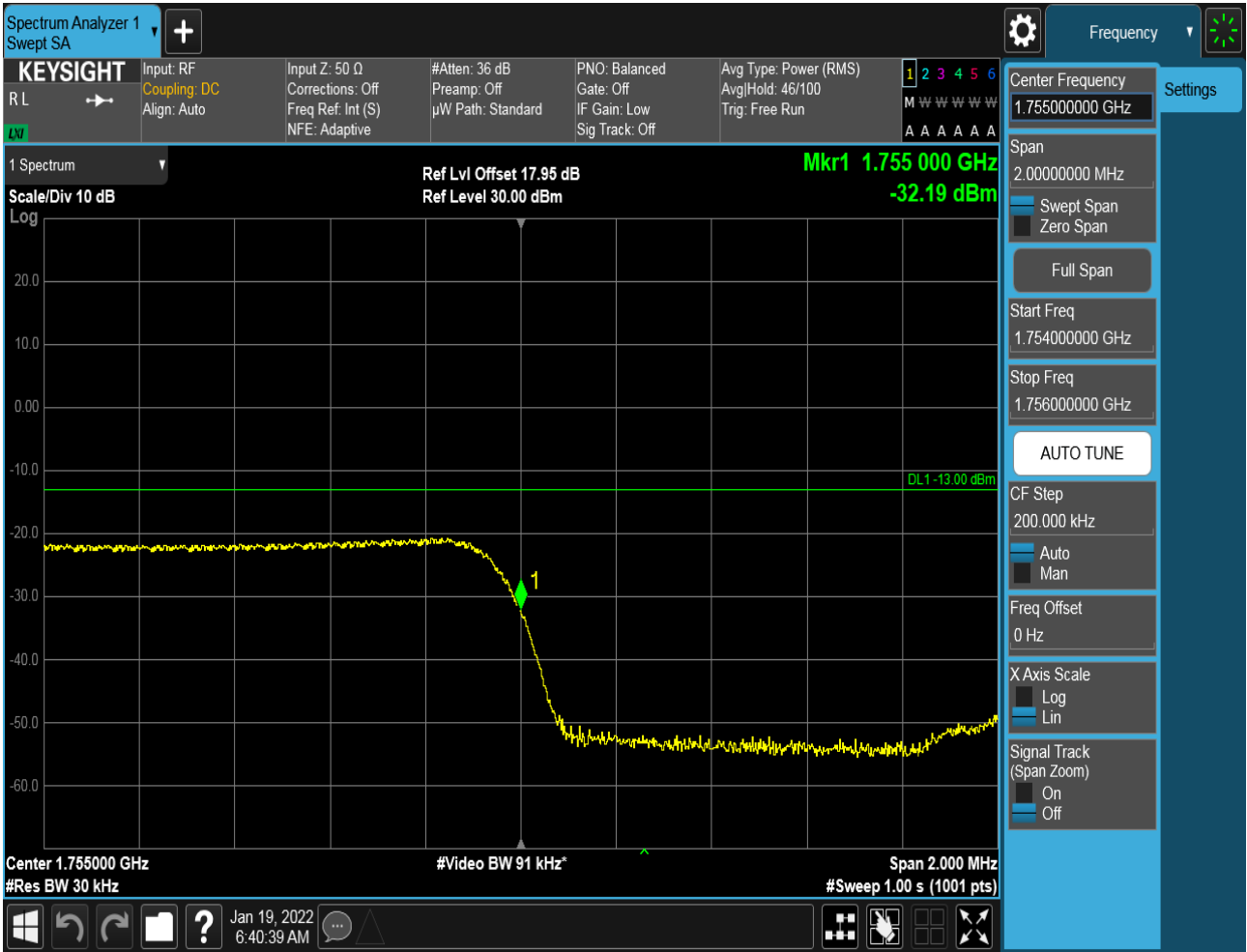
### 5.1.1.1.2.1.4 Test RB = RB15#0





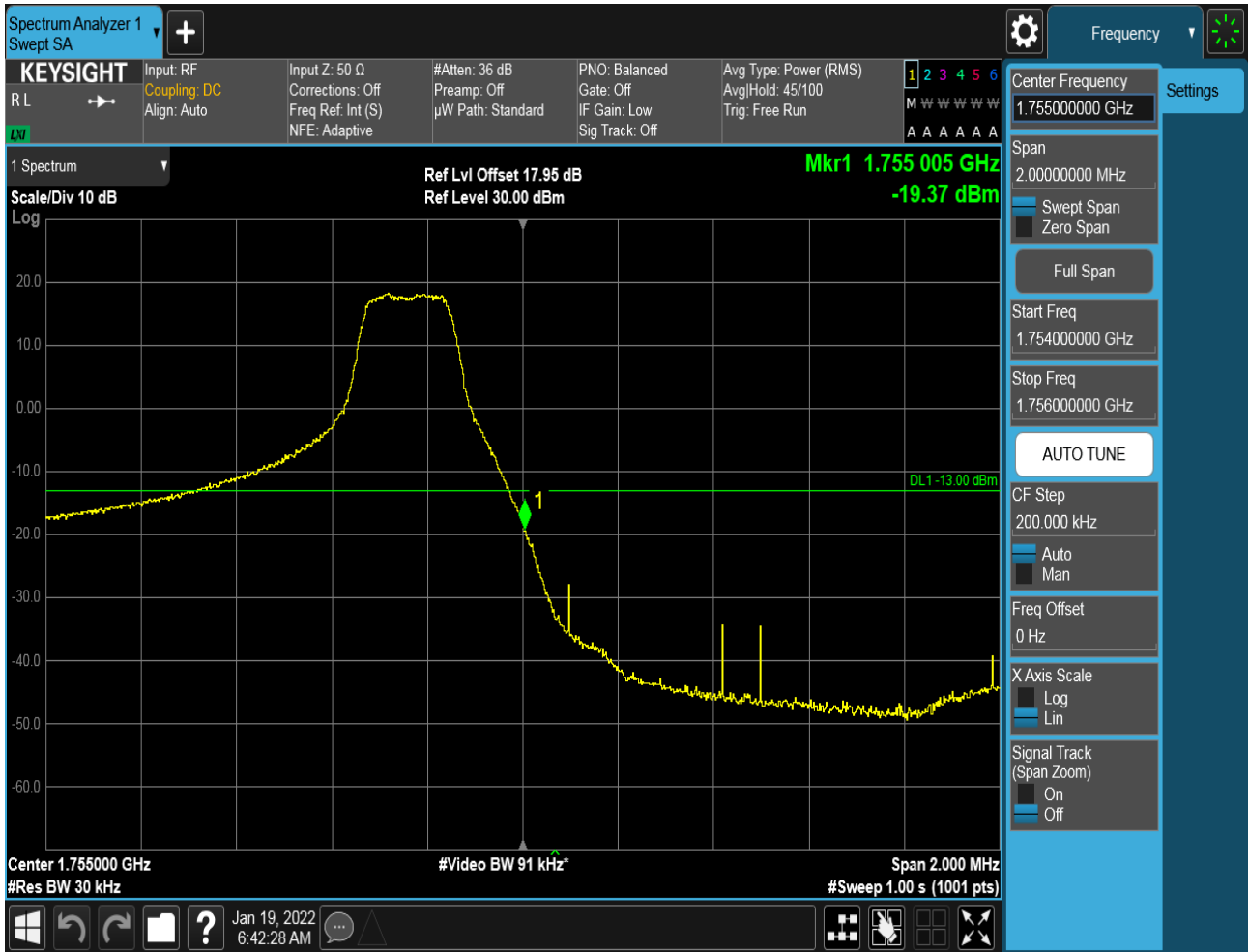
### 5.1.1.1.2.2 Test Channel = HCH

#### 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

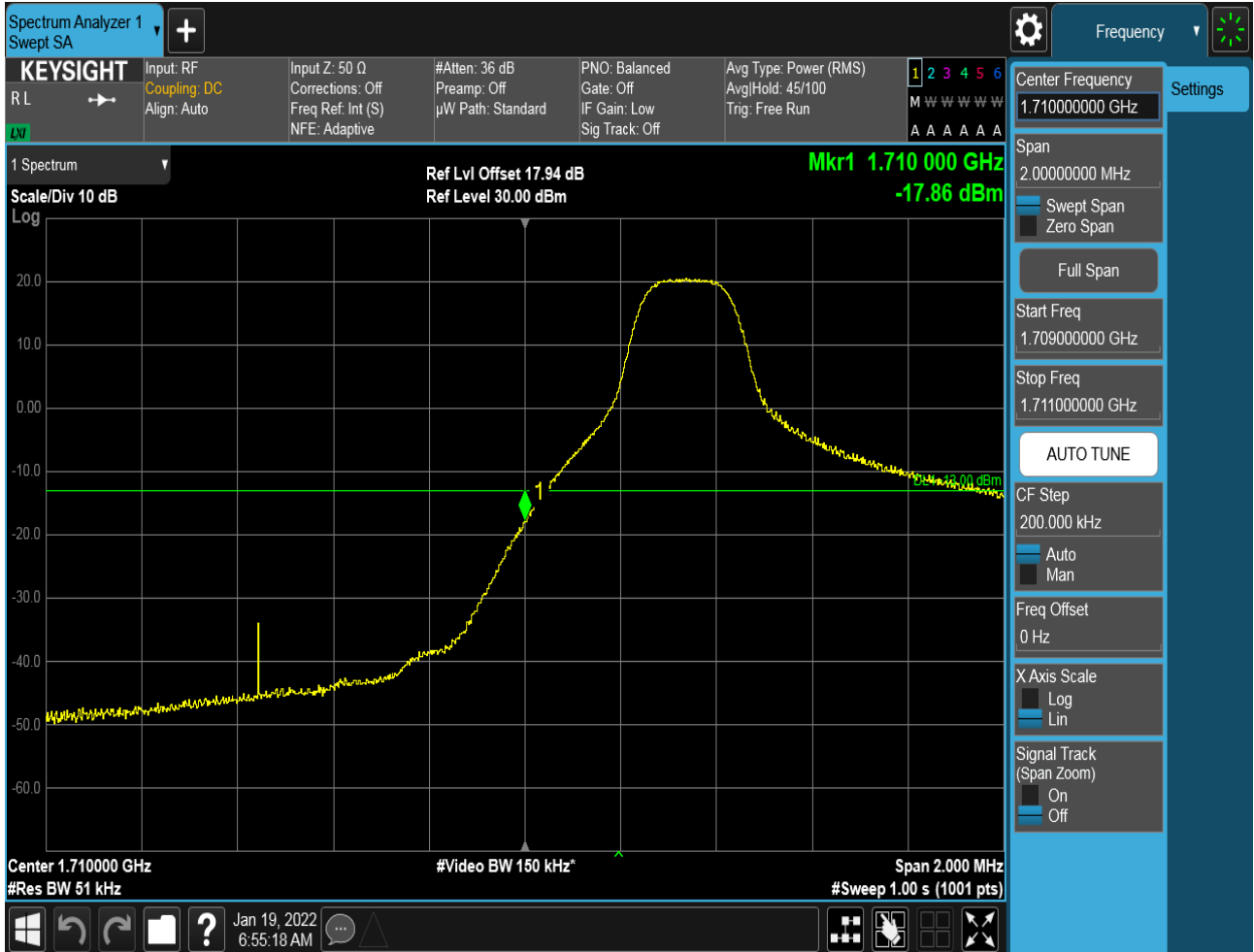




### 5.1.1.1.3 Test Bandwidth = 5MHz

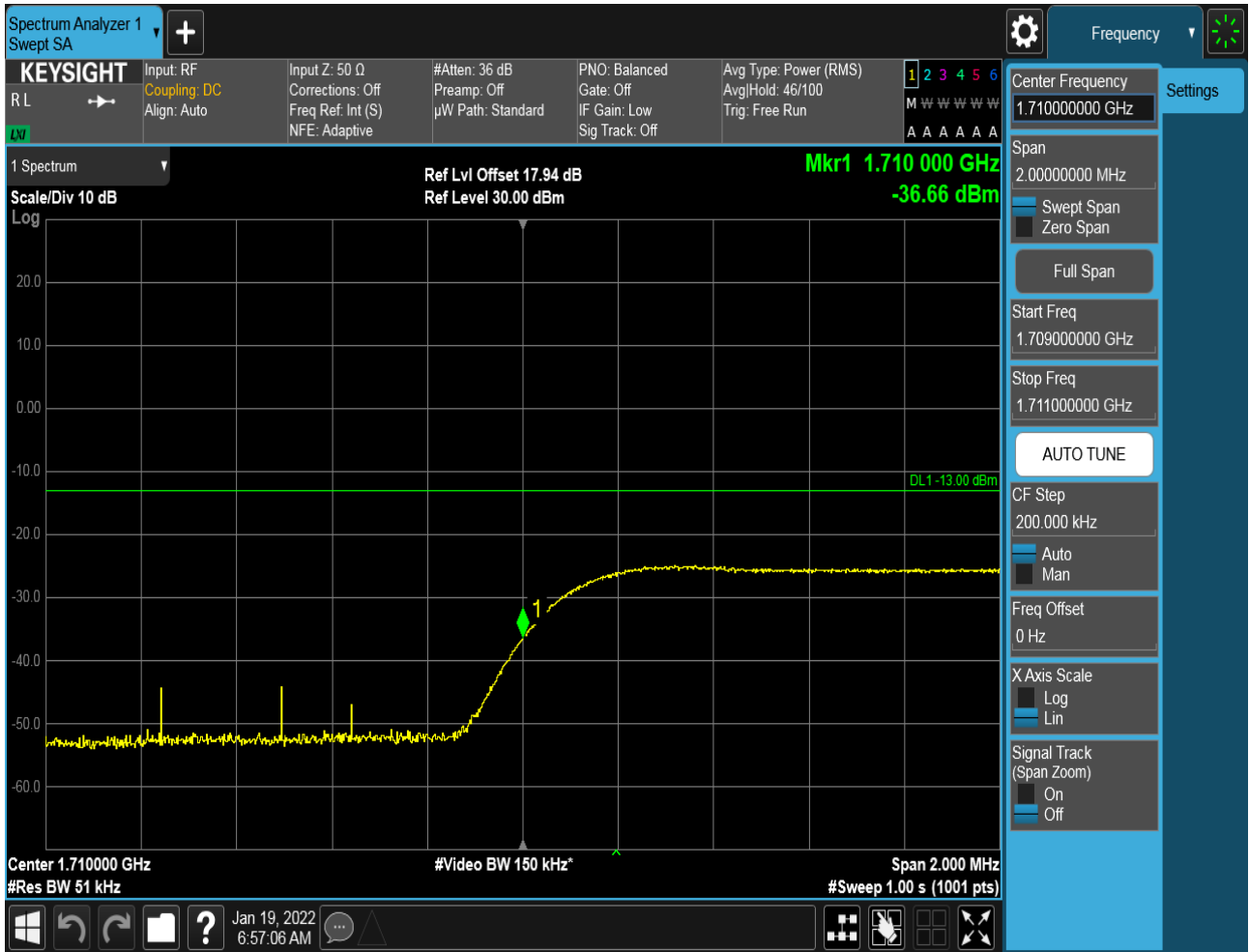
#### 5.1.1.1.3.1 Test Channel = LCH

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





### 5.1.1.1.3.1.2 Test RB = RB1#24



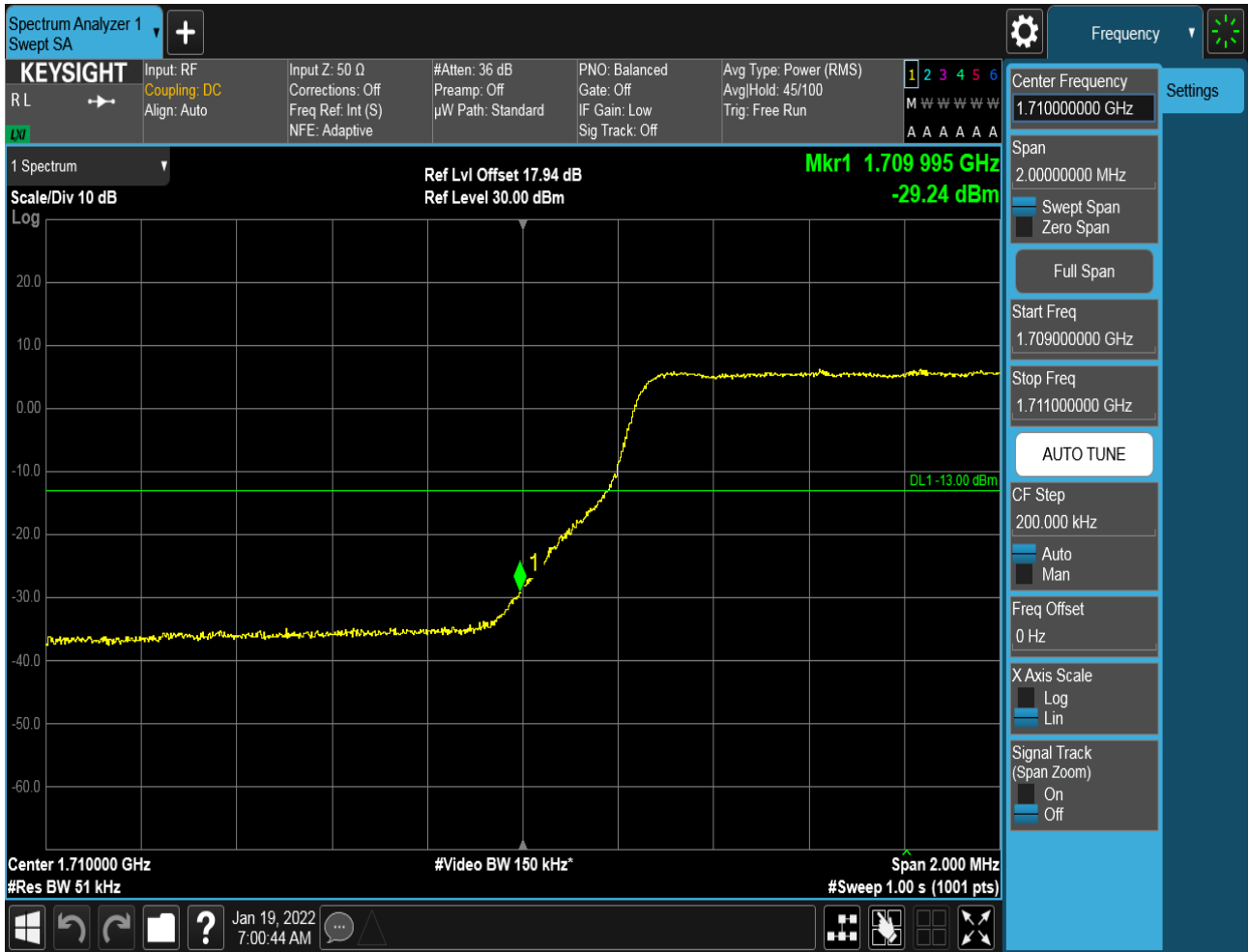


### 5.1.1.1.3.1.3 Test RB = RB12#6





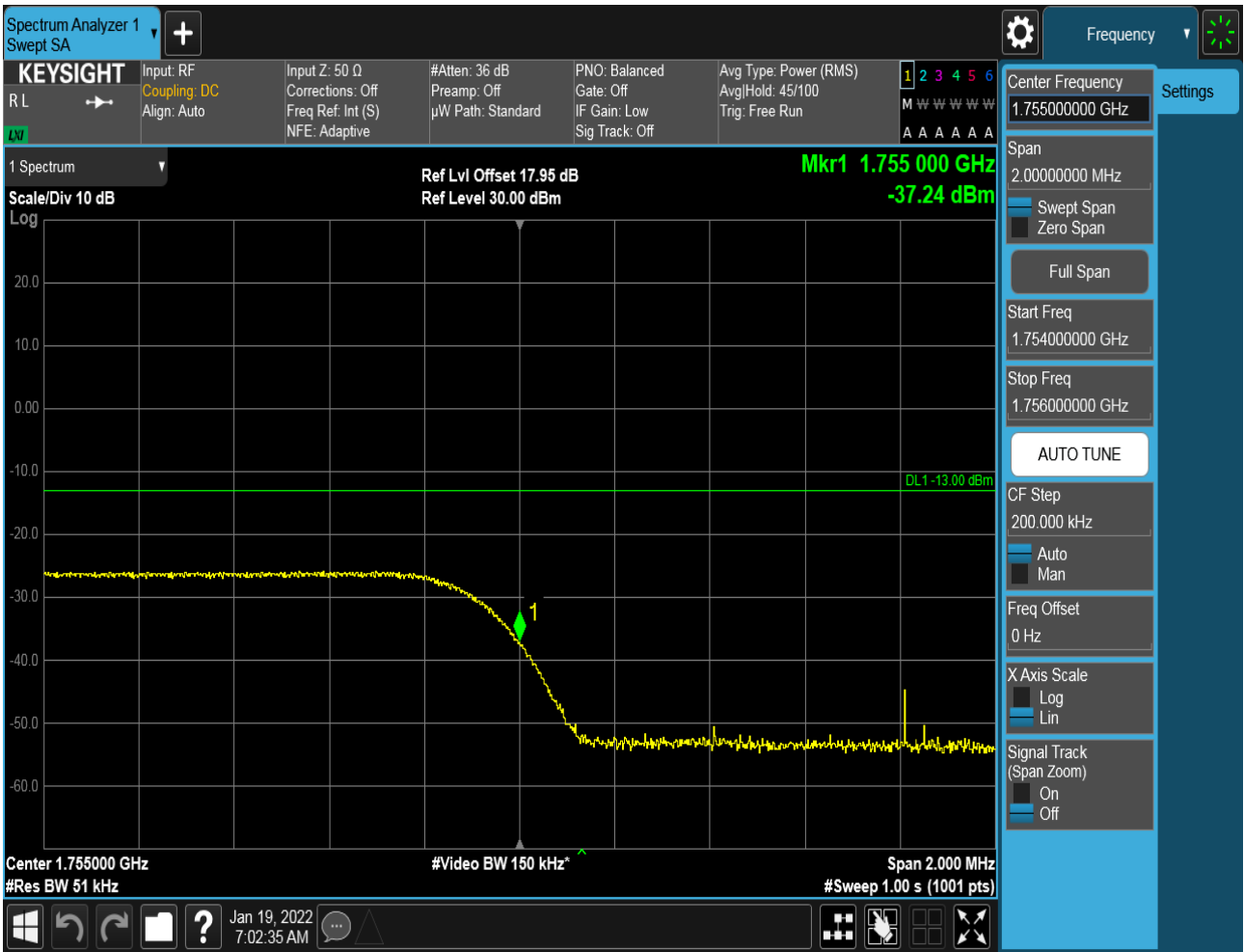
### 5.1.1.1.3.1.4 Test RB = RB25#0





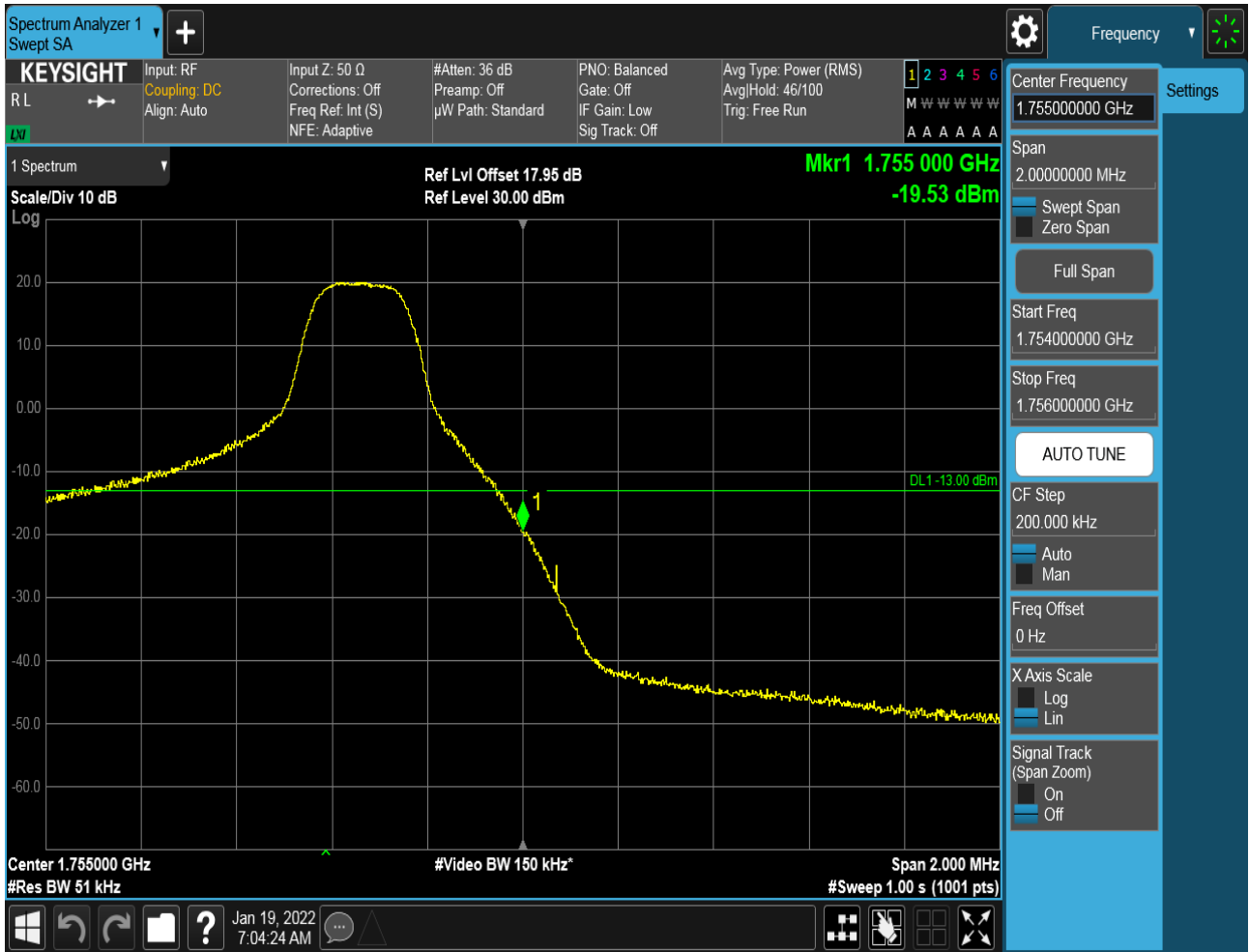
### 5.1.1.1.3.2 Test Channel = HCH

#### 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

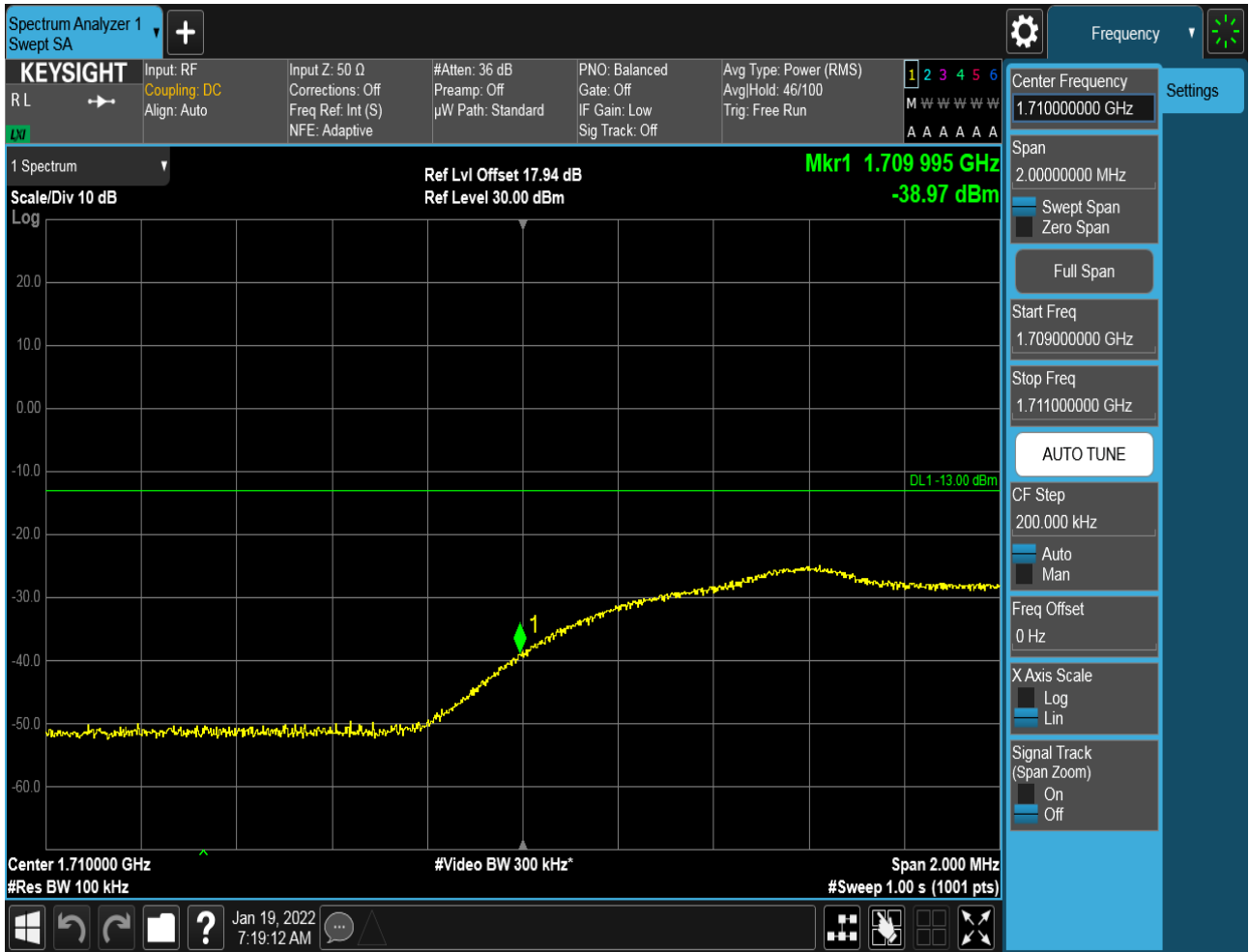
#### 5.1.1.1.4.1 Test Channel = LCH

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



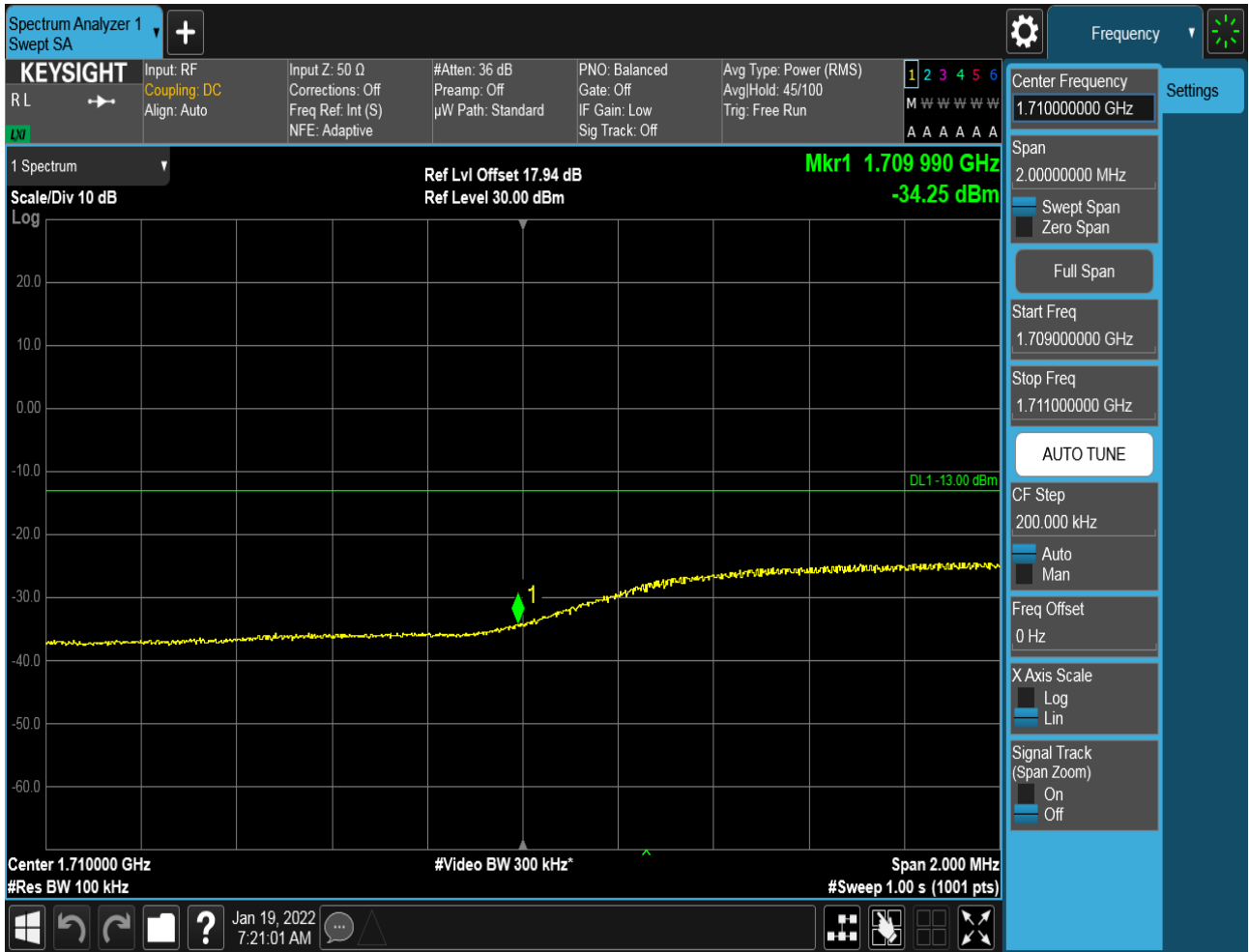


5.1.1.1.4.1.2 Test RB = RB1#49





### 5.1.1.1.4.1.3 Test RB = RB25#13





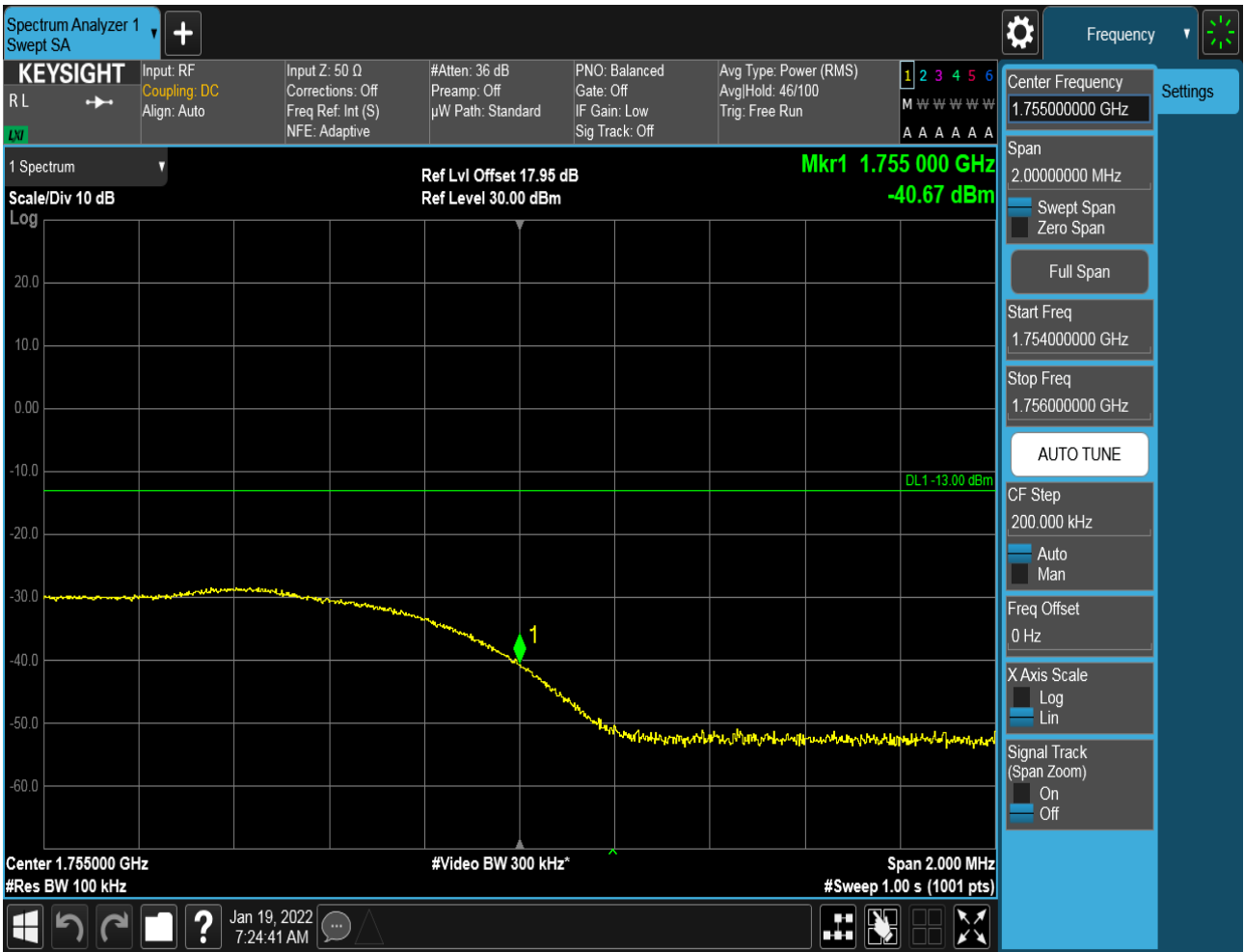
### 5.1.1.1.4.1.4 Test RB = RB50#0





### 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

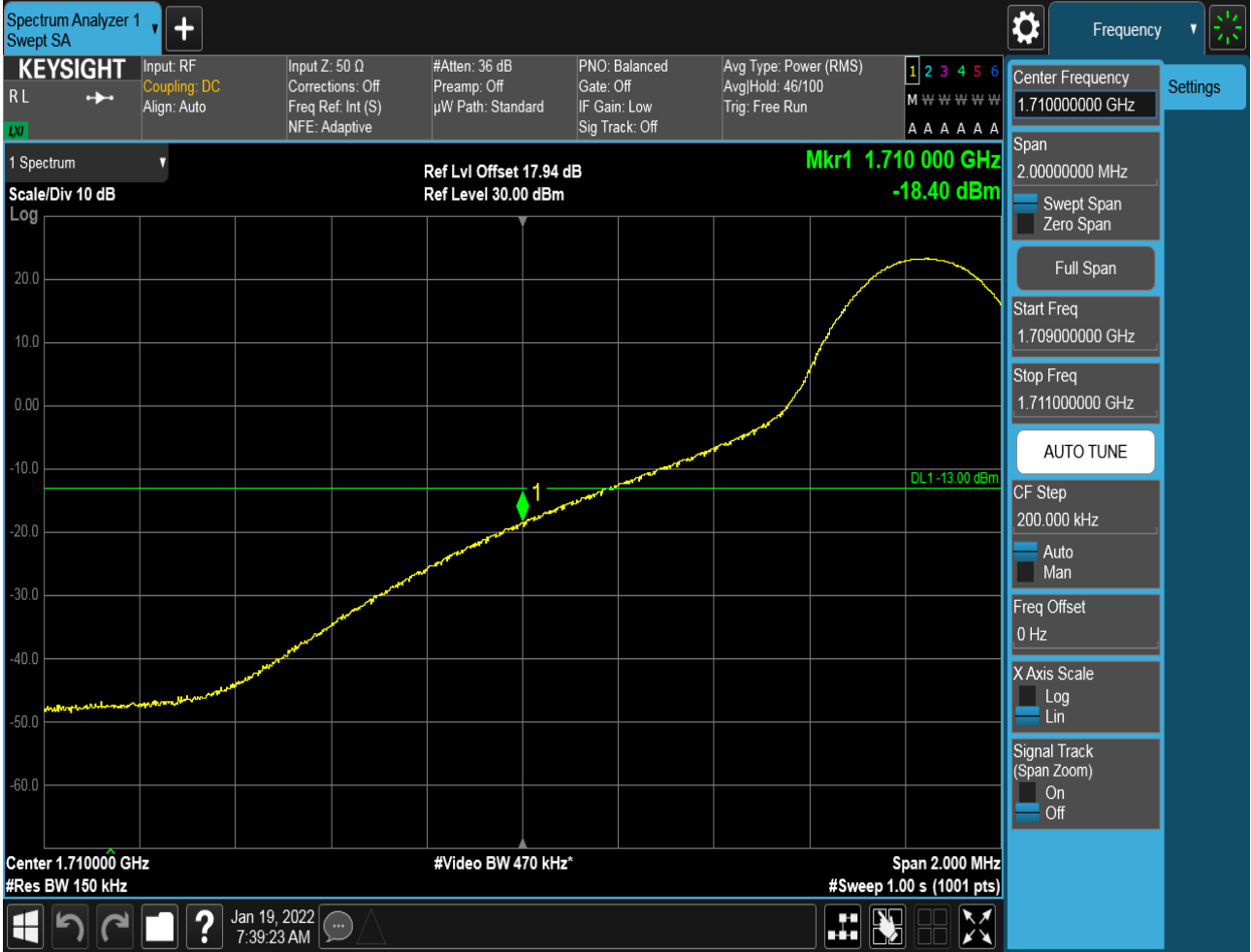




### 5.1.1.1.5 Test Bandwidth = 15MHz

#### 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





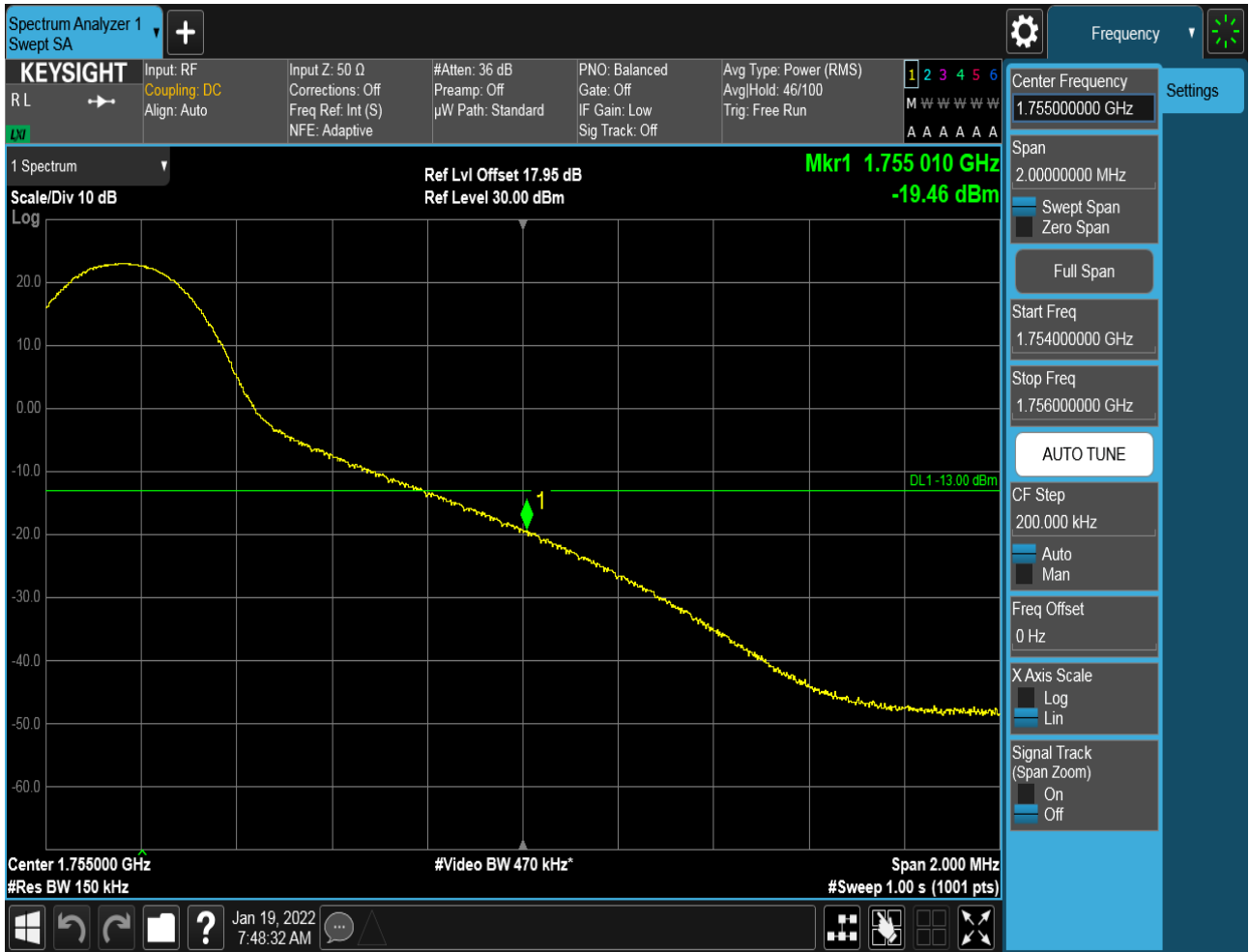
### 5.1.1.1.5.2 Test Channel = HCH

#### 5.1.1.1.5.2.1 Test RB = RB1#0





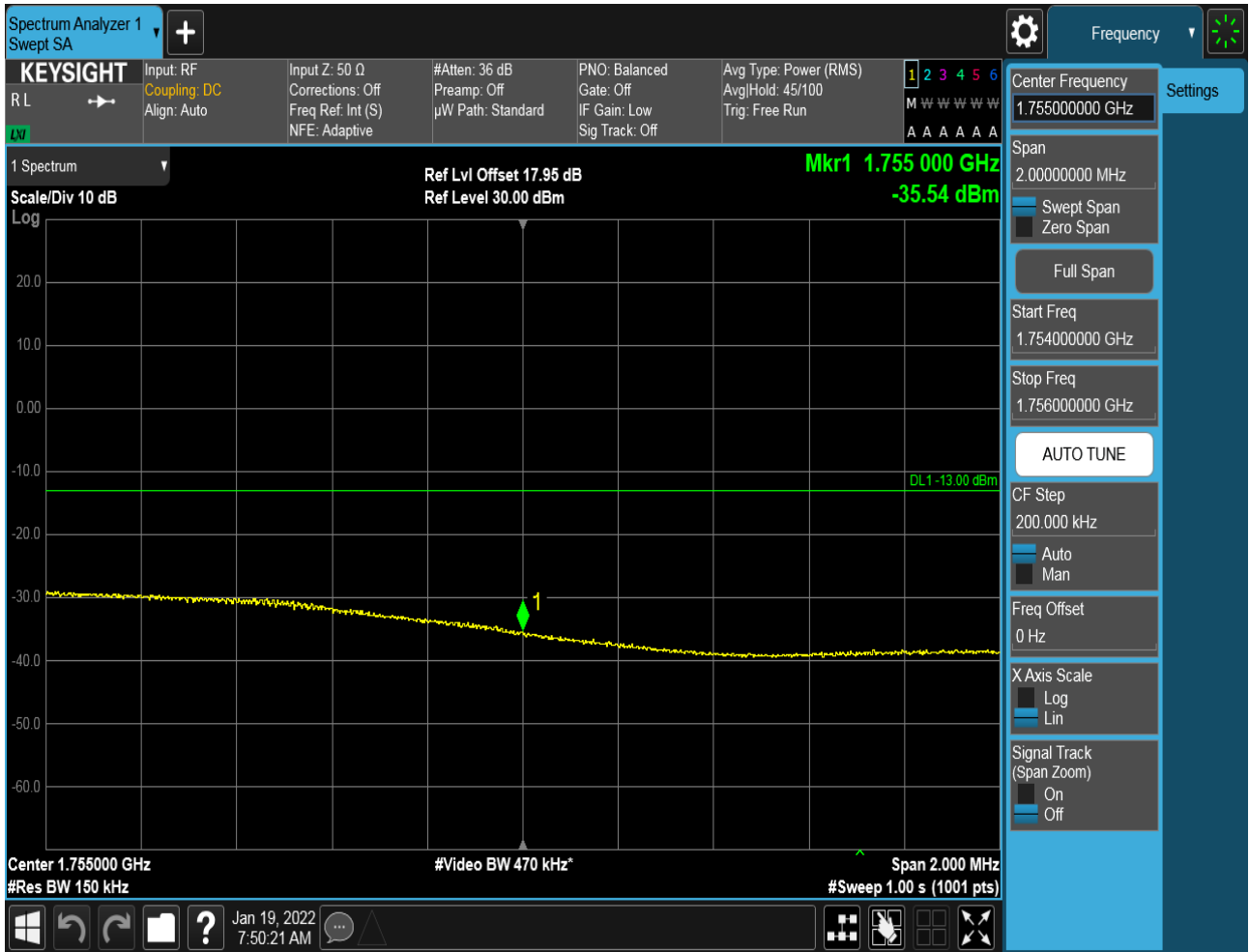
### 5.1.1.1.5.2.2 Test RB = RB1#74







### 5.1.1.1.5.2.3 Test RB = RB38#19





### 5.1.1.1.5.2.4 Test RB = RB75#0

