



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
Band2	LTE/TM1	1.4	LCH	RB1#0	23.69	23.99	33	PASS
				RB1#3	23.66	23.96	33	PASS
				RB1#5	23.64	23.94	33	PASS
				RB3#0	23.53	23.83	33	PASS
				RB3#2	23.38	23.68	33	PASS
				RB3#3	23.57	23.87	33	PASS
				RB6#0	22.52	22.82	33	PASS
			MCH	RB1#0	23.61	23.91	33	PASS
				RB1#3	23.51	23.81	33	PASS
				RB1#5	23.61	23.91	33	PASS
				RB3#0	23.55	23.85	33	PASS
				RB3#2	23.45	23.75	33	PASS
				RB3#3	23.56	23.86	33	PASS
				RB6#0	22.59	22.89	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
			HCH	RB1#0	23.51	23.81	33	PASS		
				RB1#3	23.05	23.35	33	PASS		
				RB1#5	23.55	23.85	33	PASS		
				RB3#0	23.44	23.74	33	PASS		
				RB3#2	23.68	23.98	33	PASS		
				RB3#3	23.50	23.80	33	PASS		
				RB6#0	22.37	22.67	33	PASS		
		3	LCH	RB1#0	23.68	23.98	33	PASS		
				RB1#7	23.46	23.76	33	PASS		
				RB1#14	23.65	23.95	33	PASS		
				RB8#0	22.64	22.94	33	PASS		
				RB8#4	22.56	22.86	33	PASS		
				RB8#7	22.53	22.83	33	PASS		
		MCH	RB15#0	22.60	22.90	33	PASS			
			RB1#0	23.55	23.85	33	PASS			
			RB1#7	23.61	23.91	33	PASS			
					MCH	RB1#14	23.58	23.88	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	22.65	22.95	33	PASS	
				RB8#4	22.64	22.94	33	PASS	
				RB8#7	22.55	22.85	33	PASS	
				RB15#0	22.67	22.97	33	PASS	
			HCH	RB1#0	23.60	23.90	33	PASS	
				RB1#7	23.58	23.88	33	PASS	
				RB1#14	23.67	23.97	33	PASS	
				RB8#0	22.60	22.90	33	PASS	
				RB8#4	22.56	22.86	33	PASS	
				RB8#7	22.52	22.82	33	PASS	
				RB15#0	22.61	22.91	33	PASS	
			5	LCH	RB1#0	23.66	23.96	33	PASS
					RB1#13	23.65	23.95	33	PASS
					RB1#24	23.59	23.89	33	PASS
		RB12#0			22.65	22.95	33	PASS	
		RB12#6			22.66	22.96	33	PASS	
		RB12#13			22.65	22.95	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.63	22.93	33	PASS
			MCH	RB1#0	23.54	23.84	33	PASS
				RB1#13	23.59	23.89	33	PASS
				RB1#24	23.54	23.84	33	PASS
				RB12#0	22.66	22.96	33	PASS
				RB12#6	22.60	22.90	33	PASS
				RB12#13	22.60	22.90	33	PASS
				RB25#0	22.57	22.87	33	PASS
			HCH	RB1#0	23.64	23.94	33	PASS
				RB1#13	23.72	24.02	33	PASS
				RB1#24	23.62	23.92	33	PASS
				RB12#0	22.68	22.98	33	PASS
				RB12#6	22.58	22.88	33	PASS
				RB12#13	22.66	22.96	33	PASS
			10	LCH	RB1#0	23.68	23.98	33
		RB1#25			23.23	23.53	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.62	23.92	33	PASS
				RB25#0	22.67	22.97	33	PASS
				RB25#13	22.62	22.92	33	PASS
				RB25#25	22.65	22.95	33	PASS
				RB50#0	22.67	22.97	33	PASS
			MCH	RB1#0	23.46	23.76	33	PASS
				RB1#25	23.41	23.71	33	PASS
				RB1#49	23.54	23.84	33	PASS
				RB25#0	22.67	22.97	33	PASS
				RB25#13	22.63	22.93	33	PASS
				RB25#25	22.69	22.99	33	PASS
				RB50#0	22.69	22.99	33	PASS
			HCH	RB1#0	23.71	24.01	33	PASS
				RB1#25	23.24	23.54	33	PASS
				RB1#49	23.63	23.93	33	PASS
				RB25#0	22.61	22.91	33	PASS
				RB25#13	22.53	22.83	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.68	22.98	33	PASS
				RB50#0	22.64	22.94	33	PASS
		15	LCH	RB1#0	23.52	23.82	33	PASS
				RB1#38	23.70	24.00	33	PASS
				RB1#74	23.50	23.80	33	PASS
				RB38#0	22.59	22.89	33	PASS
				RB38#19	22.65	22.95	33	PASS
				RB38#39	22.64	22.94	33	PASS
				RB75#0	22.57	22.87	33	PASS
				MCH	RB1#0	23.33	23.63	33
			RB1#38		23.62	23.92	33	PASS
			RB1#74		23.34	23.64	33	PASS
			RB38#0		22.58	22.88	33	PASS
			RB38#19		22.61	22.91	33	PASS
			RB38#39		22.59	22.89	33	PASS
HCH	RB75#0	22.60	22.90	33	PASS			
HCH	RB1#0	23.47	23.77	33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	23.66	23.96	33	PASS	
				RB1#74	23.46	23.76	33	PASS	
				RB38#0	22.68	22.98	33	PASS	
				RB38#19	22.68	22.98	33	PASS	
				RB38#39	22.55	22.85	33	PASS	
				RB75#0	22.57	22.87	33	PASS	
		20	LCH	RB1#0	23.55	23.85	33	PASS	
				RB1#50	23.31	23.61	33	PASS	
				RB1#99	23.37	23.67	33	PASS	
				RB50#0	22.63	22.93	33	PASS	
				RB50#25	22.54	22.84	33	PASS	
				RB50#50	22.48	22.78	33	PASS	
				RB100#0	22.51	22.81	33	PASS	
				MCH	RB1#0	23.42	23.72	33	PASS
					RB1#50	23.09	23.39	33	PASS
					RB1#99	23.55	23.85	33	PASS
RB50#0	22.64	22.94	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.70	23.00	33	PASS
				RB50#50	22.66	22.96	33	PASS
				RB100#0	22.59	22.89	33	PASS
			HCH	RB1#0	23.58	23.88	33	PASS
				RB1#50	23.40	23.70	33	PASS
				RB1#99	23.49	23.79	33	PASS
				RB50#0	22.62	22.92	33	PASS
				RB50#25	22.65	22.95	33	PASS
				RB50#50	22.55	22.85	33	PASS
				RB100#0	22.52	22.82	33	PASS
			LCH	RB1#0	22.85	23.15	33	PASS
				RB1#3	22.13	22.43	33	PASS
				RB1#5	22.87	23.17	33	PASS
				RB3#0	22.58	22.88	33	PASS
RB3#2	22.50	22.80		33	PASS			
RB3#3	22.61	22.91		33	PASS			
RB6#0	21.51	21.81		33	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.67	22.97	33	PASS
				RB1#3	22.86	23.16	33	PASS
				RB1#5	22.64	22.94	33	PASS
				RB3#0	22.35	22.65	33	PASS
				RB3#2	22.53	22.83	33	PASS
				RB3#3	22.57	22.87	33	PASS
			RB6#0	21.68	21.98	33	PASS	
			HCH	RB1#0	22.76	23.06	33	PASS
				RB1#3	22.23	22.53	33	PASS
				RB1#5	22.84	23.14	33	PASS
				RB3#0	22.45	22.75	33	PASS
				RB3#2	22.42	22.72	33	PASS
		RB3#3		22.50	22.80	33	PASS	
		3	LCH	RB1#0	22.90	23.20	33	PASS
				RB1#7	22.07	22.37	33	PASS
				RB1#14	23.04	23.34	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.59	21.89	33	PASS
				RB8#4	21.55	21.85	33	PASS
				RB8#7	21.53	21.83	33	PASS
				RB15#0	21.56	21.86	33	PASS
			MCH	RB1#0	22.86	23.16	33	PASS
				RB1#7	22.56	22.86	33	PASS
				RB1#14	22.88	23.18	33	PASS
				RB8#0	21.67	21.97	33	PASS
				RB8#4	21.65	21.95	33	PASS
				RB8#7	21.55	21.85	33	PASS
				RB15#0	21.60	21.90	33	PASS
			HCH	RB1#0	22.69	22.99	33	PASS
				RB1#7	22.59	22.89	33	PASS
				RB1#14	22.66	22.96	33	PASS
				RB8#0	21.54	21.84	33	PASS
				RB8#4	21.61	21.91	33	PASS
				RB8#7	21.51	21.81	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.62	21.92	33	PASS
		5	LCH	RB1#0	22.93	23.23	33	PASS
				RB1#13	22.99	23.29	33	PASS
				RB1#24	22.86	23.16	33	PASS
				RB12#0	21.62	21.92	33	PASS
				RB12#6	21.53	21.83	33	PASS
				RB12#13	21.58	21.88	33	PASS
				RB25#0	21.55	21.85	33	PASS
				MCH	RB1#0	22.67	22.97	33
			RB1#13		22.76	23.06	33	PASS
			RB1#24		22.68	22.98	33	PASS
			RB12#0		21.58	21.88	33	PASS
			RB12#6		21.53	21.83	33	PASS
			RB12#13		21.68	21.98	33	PASS
			RB25#0		21.53	21.83	33	PASS
			HCH	RB1#0	22.95	23.25	33	PASS
				RB1#13	22.96	23.26	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#24	22.94	23.24	33	PASS		
				RB12#0	21.72	22.02	33	PASS		
				RB12#6	21.52	21.82	33	PASS		
				RB12#13	21.63	21.93	33	PASS		
				RB25#0	21.43	21.73	33	PASS		
				10	LCH	RB1#0	22.98	23.28	33	PASS
						RB1#25	22.68	22.98	33	PASS
						RB1#49	22.90	23.20	33	PASS
						RB25#0	21.61	21.91	33	PASS
						RB25#13	21.58	21.88	33	PASS
		RB25#25	21.57			21.87	33	PASS		
		MCH	RB50#0	21.56	21.86	33	PASS			
			RB1#0	22.74	23.04	33	PASS			
			RB1#25	22.39	22.69	33	PASS			
			RB1#49	22.90	23.20	33	PASS			
			RB25#0	21.62	21.92	33	PASS			
		RB25#13	21.56	21.86	33	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.63	21.93	33	PASS
				RB50#0	21.61	21.91	33	PASS
			HCH	RB1#0	22.67	22.97	33	PASS
				RB1#25	22.26	22.56	33	PASS
				RB1#49	22.61	22.91	33	PASS
				RB25#0	21.60	21.90	33	PASS
				RB25#13	21.61	21.91	33	PASS
				RB25#25	21.60	21.90	33	PASS
				RB50#0	21.55	21.85	33	PASS
		15	LCH	RB1#0	22.80	23.10	33	PASS
				RB1#38	23.05	23.35	33	PASS
				RB1#74	22.85	23.15	33	PASS
				RB38#0	21.54	21.84	33	PASS
				RB38#19	21.55	21.85	33	PASS
				RB38#39	21.58	21.88	33	PASS
				RB75#0	21.50	21.80	33	PASS
			MCH	RB1#0	22.49	22.79	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.77	23.07	33	PASS
				RB1#74	22.54	22.84	33	PASS
				RB38#0	21.51	21.81	33	PASS
				RB38#19	21.56	21.86	33	PASS
				RB38#39	21.53	21.83	33	PASS
				RB75#0	21.47	21.77	33	PASS
			HCH	RB1#0	22.65	22.95	33	PASS
				RB1#38	22.79	23.09	33	PASS
				RB1#74	22.57	22.87	33	PASS
				RB38#0	21.65	21.95	33	PASS
				RB38#19	21.62	21.92	33	PASS
				RB38#39	21.61	21.91	33	PASS
		20	LCH	RB1#0	22.79	23.09	33	PASS
				RB1#50	22.53	22.83	33	PASS
				RB1#99	22.64	22.94	33	PASS
				RB50#0	21.57	21.87	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.48	21.78	33	PASS
				RB50#50	21.46	21.76	33	PASS
				RB100#0	21.43	21.73	33	PASS
			MCH	RB1#0	22.77	23.07	33	PASS
				RB1#50	22.75	23.05	33	PASS
				RB1#99	22.91	23.21	33	PASS
				RB50#0	21.56	21.86	33	PASS
				RB50#25	21.62	21.92	33	PASS
				RB50#50	21.57	21.87	33	PASS
				RB100#0	21.51	21.81	33	PASS
			HCH	RB1#0	22.88	23.18	33	PASS
				RB1#50	22.61	22.91	33	PASS
				RB1#99	22.88	23.18	33	PASS
				RB50#0	21.54	21.84	33	PASS
				RB50#25	21.54	21.84	33	PASS
RB50#50	21.51	21.81		33	PASS			
RB100#0	21.58	21.88		33	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
Band2	LTE/TM1	1.4	LCH	RB1#0	4.60	13	PASS
				RB1#3	4.47	13	PASS
				RB1#5	5.09	13	PASS
				RB3#0	5.18	13	PASS
				RB3#2	5.19	13	PASS
				RB3#3	5.15	13	PASS
			RB6#0	5.85	13	PASS	
			MCH	RB1#0	5.12	13	PASS
				RB1#3	5.32	13	PASS
				RB1#5	5.11	13	PASS
				RB3#0	5.28	13	PASS
				RB3#2	5.23	13	PASS
		RB3#3		5.34	13	PASS	
		HCH	RB6#0	5.67	13	PASS	
			RB1#0	4.52	13	PASS	
			RB1#3	4.51	13	PASS	
			RB1#5	5.08	13	PASS	
			RB3#0	5.22	13	PASS	
			RB3#2	5.00	13	PASS	
		3	LCH	RB3#3	5.22	13	PASS
				RB6#0	5.44	13	PASS
				RB1#0	5.32	13	PASS
				RB1#7	5.00	13	PASS
				RB1#14	4.78	13	PASS
RB8#0	5.48			13	PASS		
MCH	RB8#4		5.47	13	PASS		
	RB8#7		5.55	13	PASS		
	RB15#0		5.66	13	PASS		
	RB1#0		5.04	13	PASS		
	RB1#7		5.07	13	PASS		
	RB1#14		4.84	13	PASS		
RB8#0	5.71	13	PASS				
RB8#4	5.67	13	PASS				
RB8#7	5.68	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	5.72	13	PASS
				RB1#0	4.61	13	PASS
				RB1#7	5.00	13	PASS
				RB1#14	4.98	13	PASS
				RB8#0	5.43	13	PASS
				RB8#4	5.35	13	PASS
				RB8#7	5.41	13	PASS
				RB15#0	5.62	13	PASS
		5	LCH	RB1#0	5.14	13	PASS
				RB1#13	4.92	13	PASS
				RB1#24	5.24	13	PASS
				RB12#0	5.71	13	PASS
				RB12#6	5.57	13	PASS
				RB12#13	5.62	13	PASS
				RB25#0	5.96	13	PASS
			MCH	RB1#0	4.64	13	PASS
				RB1#13	4.62	13	PASS
				RB1#24	4.67	13	PASS
				RB12#0	5.45	13	PASS
				RB12#6	5.45	13	PASS
				RB12#13	5.77	13	PASS
			HCH	RB25#0	5.81	13	PASS
				RB1#0	4.48	13	PASS
				RB1#13	4.49	13	PASS
				RB1#24	4.57	13	PASS
				RB12#0	5.05	13	PASS
				RB12#6	5.17	13	PASS
				RB12#13	5.22	13	PASS
		10	LCH	RB25#0	5.60	13	PASS
				RB1#0	5.13	13	PASS
				RB1#25	5.16	13	PASS
				RB1#49	5.12	13	PASS
				RB25#0	5.96	13	PASS
RB25#13	5.89			13	PASS		
RB25#25	6.01			13	PASS		
RB50#0	6.09		13	PASS			
MCH	RB1#0		4.95	13	PASS		
	RB1#25		5.01	13	PASS		
	RB1#49	4.94	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.60	13	PASS
				RB25#13	5.56	13	PASS
				RB25#25	5.74	13	PASS
				RB50#0	6.09	13	PASS
			HCH	RB1#0	4.55	13	PASS
				RB1#25	4.58	13	PASS
				RB1#49	4.63	13	PASS
				RB25#0	5.38	13	PASS
				RB25#13	5.24	13	PASS
				RB25#25	5.30	13	PASS
				RB50#0	5.67	13	PASS
				LCH	RB1#0	5.24	13
			RB1#38		5.27	13	PASS
			RB1#74		5.25	13	PASS
		RB38#0	6.05		13	PASS	
		RB38#19	6.03		13	PASS	
		RB38#39	6.09		13	PASS	
		RB75#0	6.29		13	PASS	
		MCH	RB1#0	5.09	13	PASS	
			RB1#38	4.93	13	PASS	
			RB1#74	5.05	13	PASS	
			RB38#0	5.89	13	PASS	
			RB38#19	5.80	13	PASS	
			RB38#39	6.02	13	PASS	
			RB75#0	6.20	13	PASS	
		HCH	RB1#0	4.65	13	PASS	
			RB1#38	4.54	13	PASS	
			RB1#74	4.68	13	PASS	
			RB38#0	5.70	13	PASS	
			RB38#19	5.45	13	PASS	
			RB38#39	5.58	13	PASS	
			RB75#0	5.93	13	PASS	
20	LCH	RB1#0	4.91	13	PASS		
		RB1#50	5.15	13	PASS		
		RB1#99	4.93	13	PASS		
		RB50#0	6.04	13	PASS		
		RB50#25	6.05	13	PASS		
		RB50#50	6.11	13	PASS		
		RB100#0	6.18	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	5.13	13	PASS	
				RB1#50	5.29	13	PASS	
				RB1#99	5.17	13	PASS	
				RB50#0	5.90	13	PASS	
				RB50#25	5.78	13	PASS	
				RB50#50	6.10	13	PASS	
				RB100#0	6.28	13	PASS	
			HCH	RB1#0	4.83	13	PASS	
				RB1#50	4.62	13	PASS	
				RB1#99	4.68	13	PASS	
				RB50#0	5.69	13	PASS	
				RB50#25	5.42	13	PASS	
				RB50#50	5.49	13	PASS	
				RB100#0	6.09	13	PASS	
	LTE/TM2	1.4	LCH	RB1#0	5.38	13	PASS	
				RB1#3	6.03	13	PASS	
				RB1#5	5.35	13	PASS	
				RB3#0	5.96	13	PASS	
				RB3#2	6.01	13	PASS	
				RB3#3	6.25	13	PASS	
				RB6#0	6.52	13	PASS	
				MCH	RB1#0	5.40	13	PASS
					RB1#3	5.26	13	PASS
					RB1#5	5.29	13	PASS
					RB3#0	5.81	13	PASS
					RB3#2	6.07	13	PASS
					RB3#3	5.86	13	PASS
				HCH	RB1#0	4.93	13	PASS
			RB1#3		4.86	13	PASS	
			RB1#5		4.82	13	PASS	
			RB3#0		5.76	13	PASS	
			RB3#2		5.69	13	PASS	
RB3#3	5.66	13	PASS					
3	LCH	RB1#0	5.41	13	PASS			
		RB1#7	5.52	13	PASS			
		RB1#14	5.48	13	PASS			
		RB8#0	6.61	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	6.53	13	PASS	
				RB8#7	6.80	13	PASS	
				RB15#0	6.77	13	PASS	
			MCH	RB1#0	4.92	13	PASS	
				RB1#7	5.66	13	PASS	
				RB1#14	5.81	13	PASS	
				RB8#0	6.41	13	PASS	
				RB8#4	6.41	13	PASS	
				RB8#7	6.42	13	PASS	
				RB15#0	6.48	13	PASS	
				HCH	RB1#0	5.09	13	PASS
					RB1#7	5.46	13	PASS
			RB1#14		5.13	13	PASS	
			RB8#0		6.10	13	PASS	
			RB8#4		6.07	13	PASS	
			RB8#7		6.14	13	PASS	
			5	LCH	RB1#0	5.52	13	PASS
					RB1#13	5.56	13	PASS
		RB1#24			5.58	13	PASS	
		RB12#0			6.46	13	PASS	
		RB12#6			6.52	13	PASS	
		RB12#13			6.61	13	PASS	
		RB25#0			6.55	13	PASS	
		MCH		RB1#0	5.30	13	PASS	
				RB1#13	5.35	13	PASS	
				RB1#24	5.37	13	PASS	
				RB12#0	6.44	13	PASS	
				RB12#6	6.32	13	PASS	
				RB12#13	6.27	13	PASS	
		HCH		RB25#0	6.63	13	PASS	
				RB1#0	4.60	13	PASS	
			RB1#13	4.74	13	PASS		
			RB1#24	4.71	13	PASS		
RB12#0	5.78		13	PASS				
RB12#6	6.08		13	PASS				
RB12#13	6.14		13	PASS				
10	LCH	RB1#0	5.15	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
		15		RB1#25	5.24	13	PASS	
				RB1#49	5.14	13	PASS	
				RB25#0	6.71	13	PASS	
				RB25#13	6.76	13	PASS	
				RB25#25	6.85	13	PASS	
				RB50#0	6.97	13	PASS	
			MCH	RB1#0	5.36	13	PASS	
				RB1#25	5.44	13	PASS	
				RB1#49	5.74	13	PASS	
				RB25#0	6.45	13	PASS	
				RB25#13	6.36	13	PASS	
				RB25#25	6.70	13	PASS	
			HCH	RB50#0	6.75	13	PASS	
				RB1#0	5.25	13	PASS	
				RB1#25	5.38	13	PASS	
				RB1#49	5.36	13	PASS	
				RB25#0	6.26	13	PASS	
				RB25#13	6.15	13	PASS	
			15	LCH	RB25#25	6.17	13	PASS
					RB50#0	6.48	13	PASS
					RB1#0	5.45	13	PASS
		RB1#38			5.31	13	PASS	
		RB1#74			5.30	13	PASS	
		RB38#0			6.69	13	PASS	
		MCH		RB38#19	6.72	13	PASS	
				RB38#39	6.59	13	PASS	
				RB75#0	7.20	13	PASS	
				RB1#0	5.54	13	PASS	
				RB1#38	5.43	13	PASS	
				RB1#74	5.74	13	PASS	
		HCH	RB38#0	6.57	13	PASS		
			RB38#19	6.56	13	PASS		
			RB38#39	6.72	13	PASS		
RB75#0	7.09		13	PASS				
RB38#19	6.20		13	PASS				
			HCH	RB1#0	5.75	13	PASS	
			HCH	RB1#38	5.14	13	PASS	
			HCH	RB1#74	5.52	13	PASS	
			HCH	RB38#0	6.37	13	PASS	
			HCH	RB38#19	6.20	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#39	6.20	13	PASS
				RB75#0	6.78	13	PASS
		20	LCH	RB1#0	5.58	13	PASS
				RB1#50	5.64	13	PASS
				RB1#99	5.36	13	PASS
				RB50#0	6.81	13	PASS
				RB50#25	6.77	13	PASS
				RB50#50	6.80	13	PASS
				RB100#0	7.04	13	PASS
				MCH	RB1#0	5.00	13
			RB1#50		5.27	13	PASS
			RB1#99		5.45	13	PASS
			RB50#0		6.69	13	PASS
			RB50#25		6.60	13	PASS
			RB50#50		6.92	13	PASS
			HCH	RB100#0	7.09	13	PASS
				RB1#0	5.93	13	PASS
				RB1#50	5.41	13	PASS
				RB1#99	5.31	13	PASS
				RB50#0	6.69	13	PASS
RB50#25	6.37	13		PASS			
				RB50#50	6.36	13	PASS
				RB100#0	6.80	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

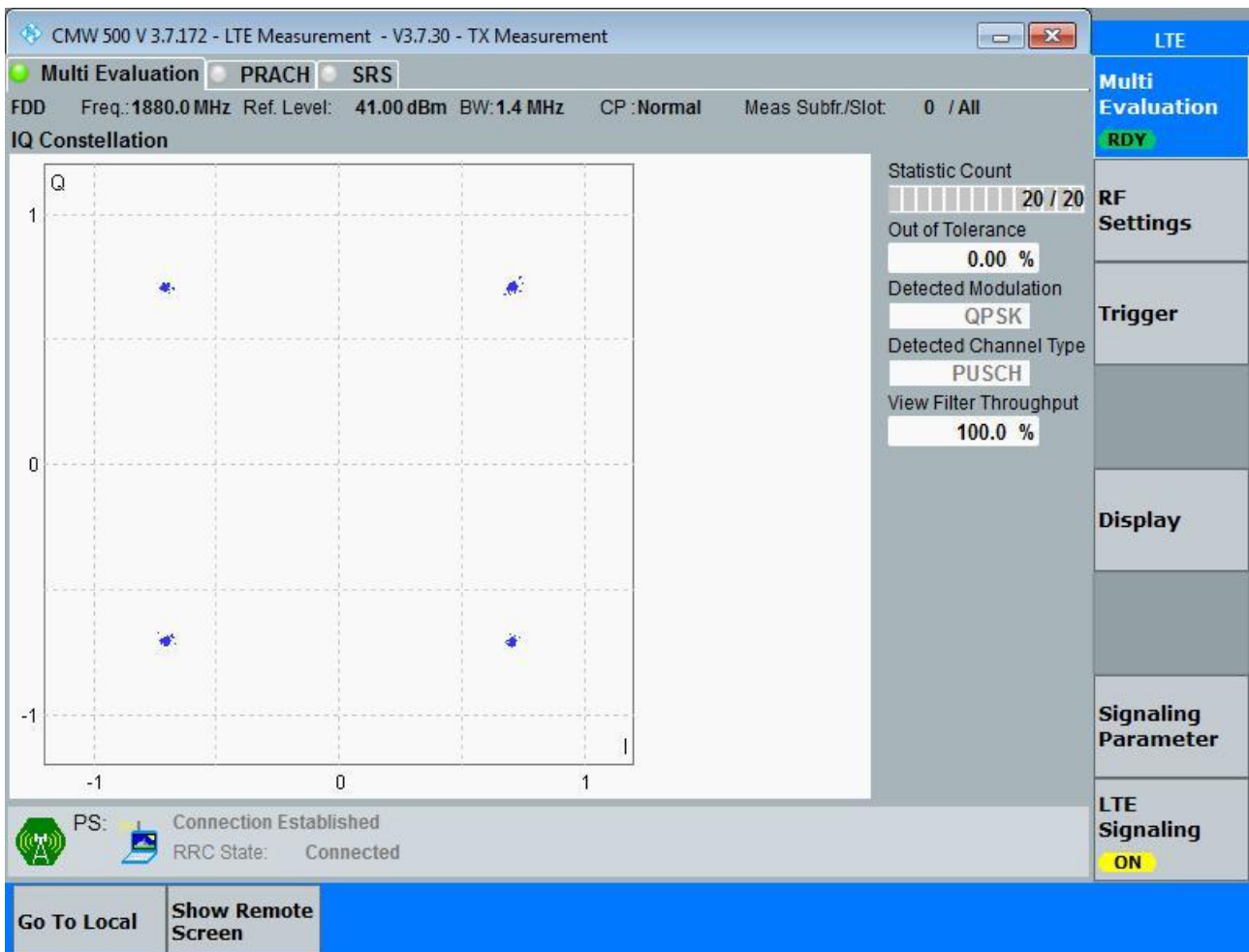
3.1.1 Test Band = Band2

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

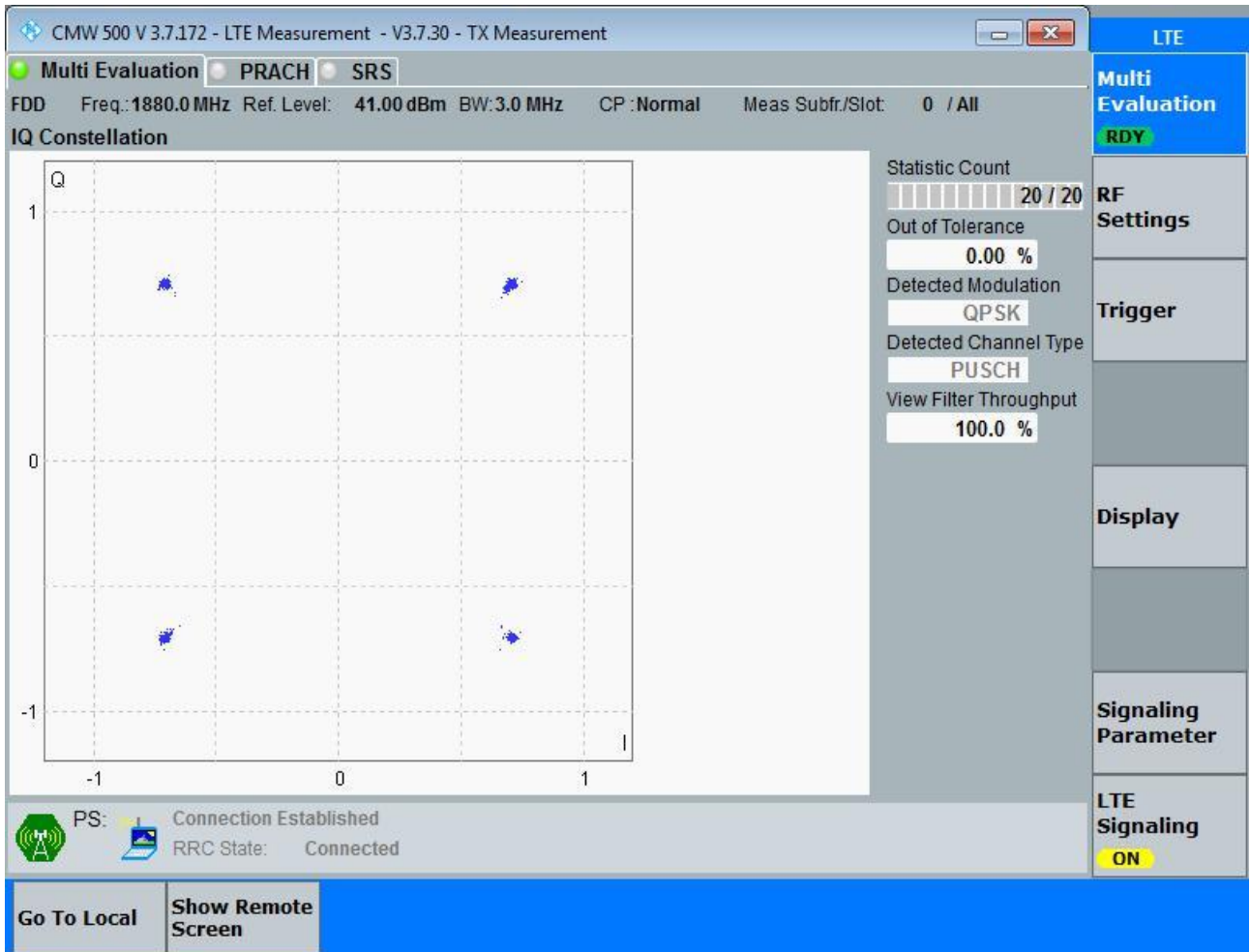




3.1.1.1.2 Test Bandwidth = 3MHz

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0

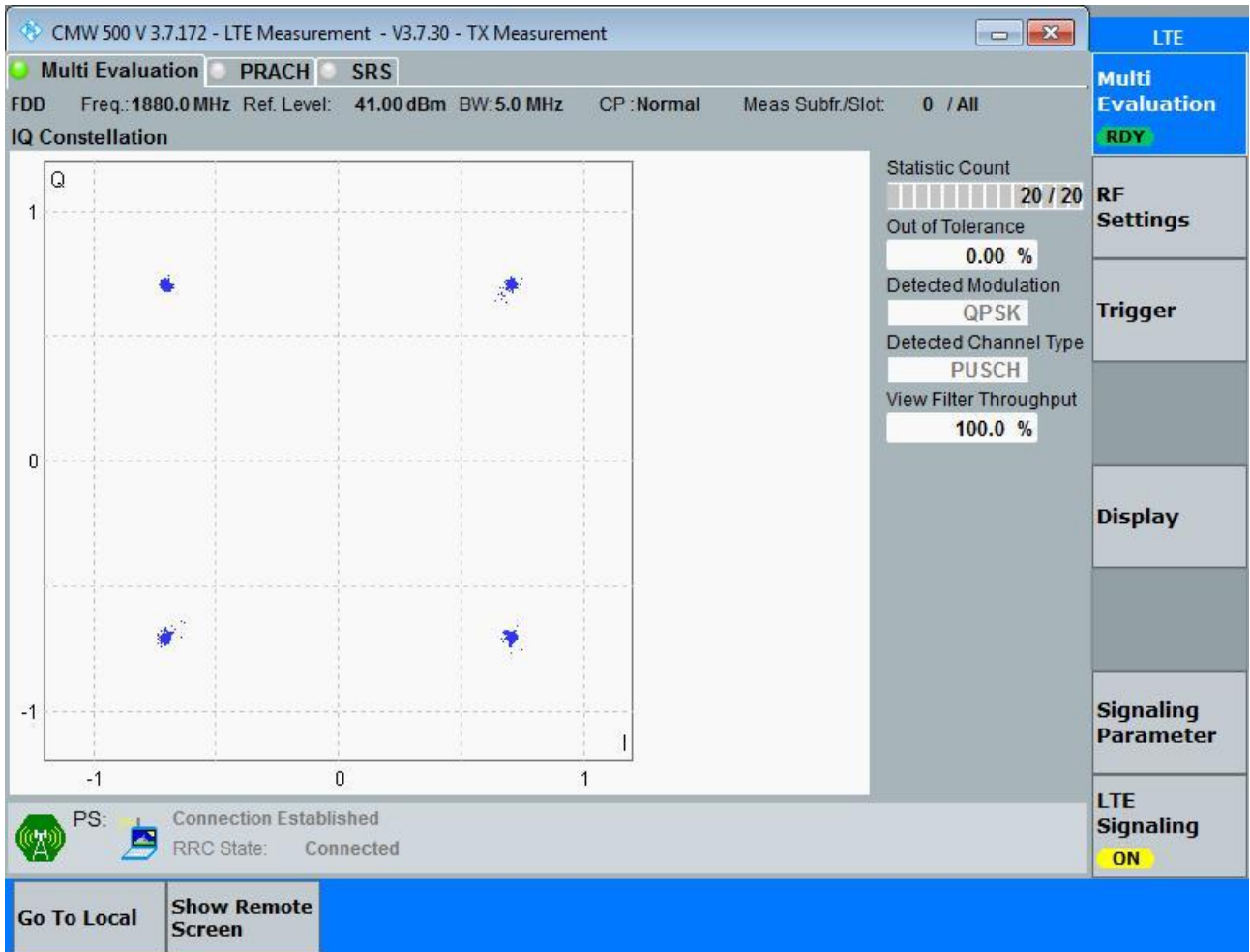




3.1.1.1.3 Test Bandwidth = 5MHz

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0

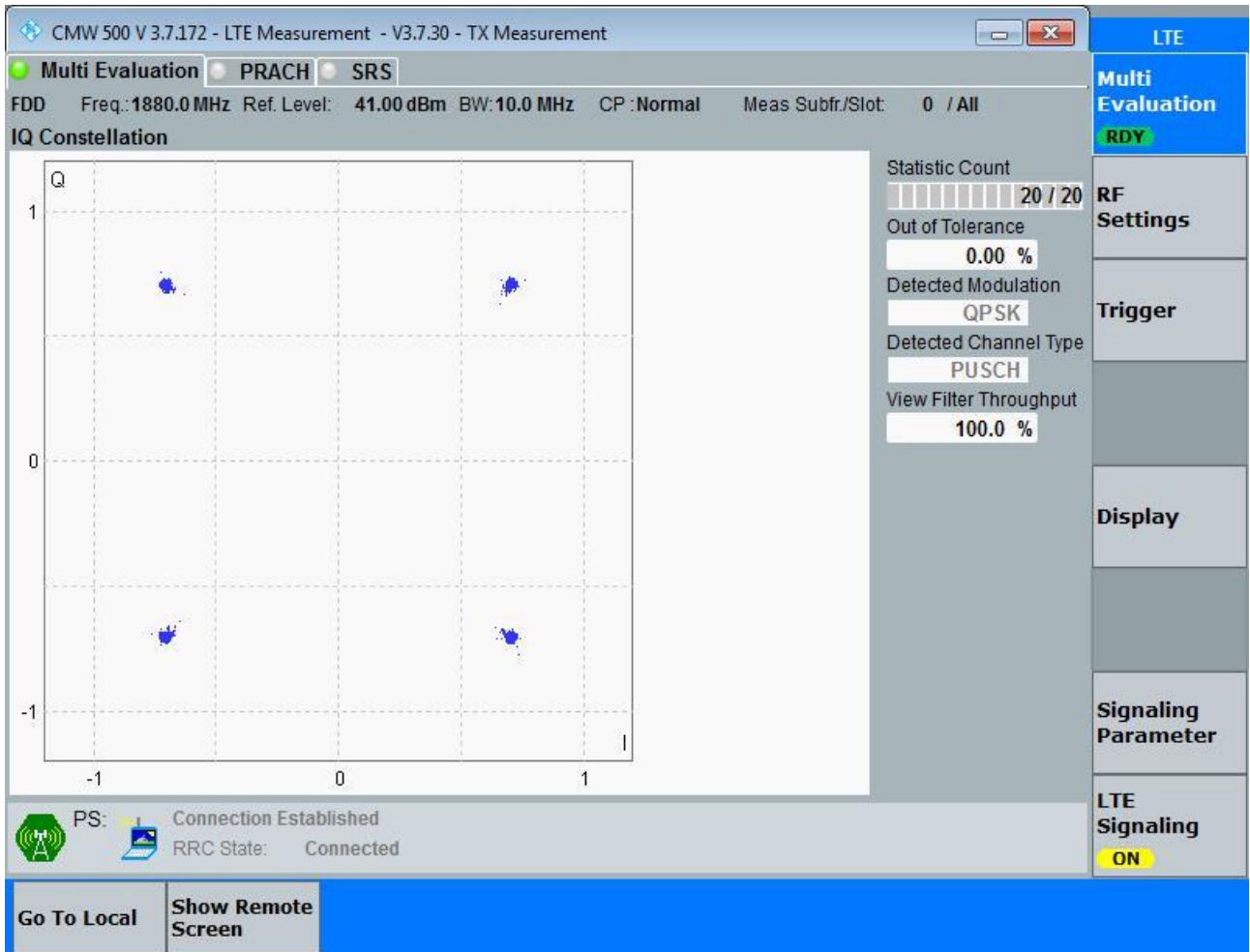




3.1.1.1.4 Test Bandwidth = 10MHz

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0

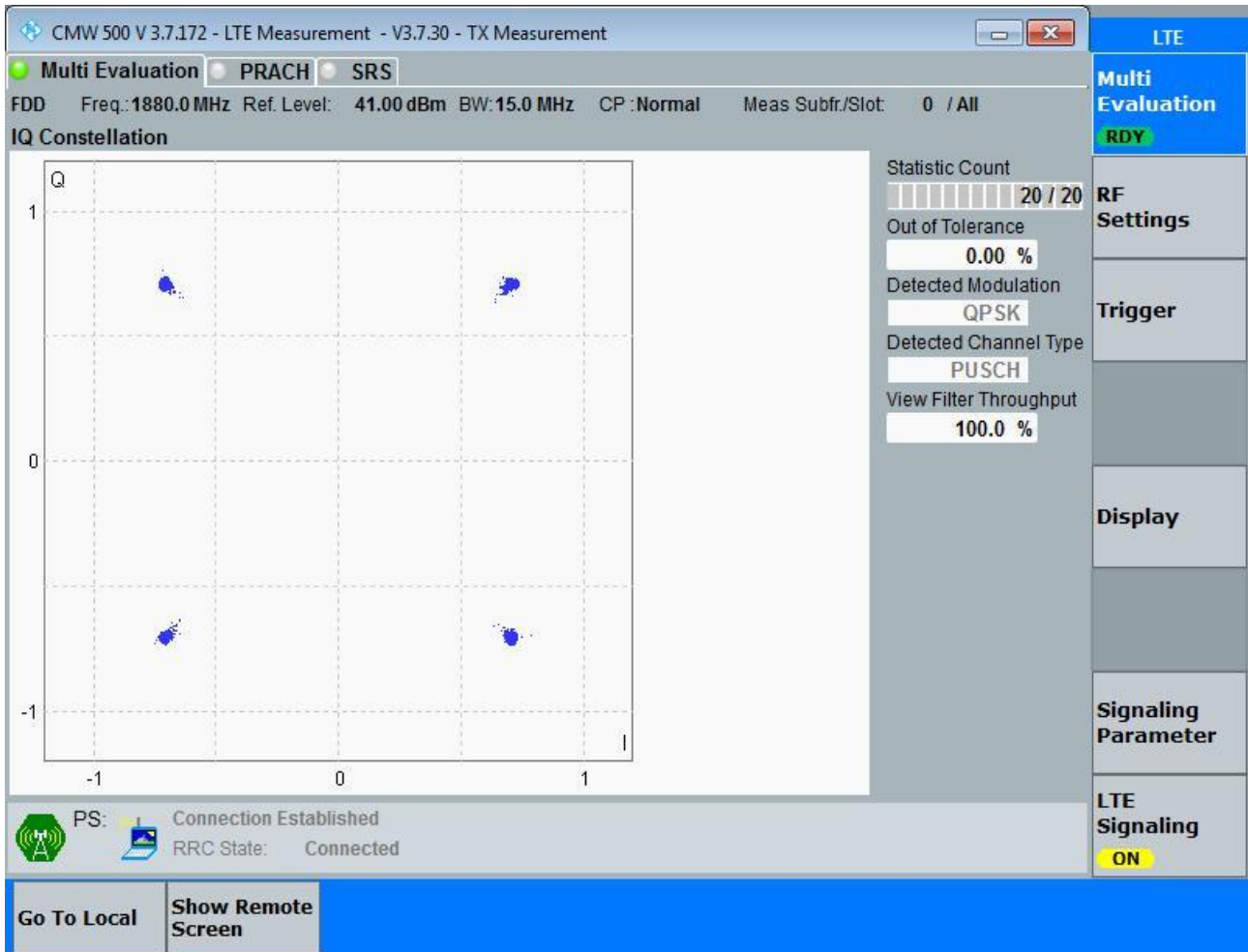




3.1.1.1.5 Test Bandwidth = 15MHz

3.1.1.1.5.1 Test Channel = MCH

3.1.1.1.5.1.1 Test RB = RB75#0

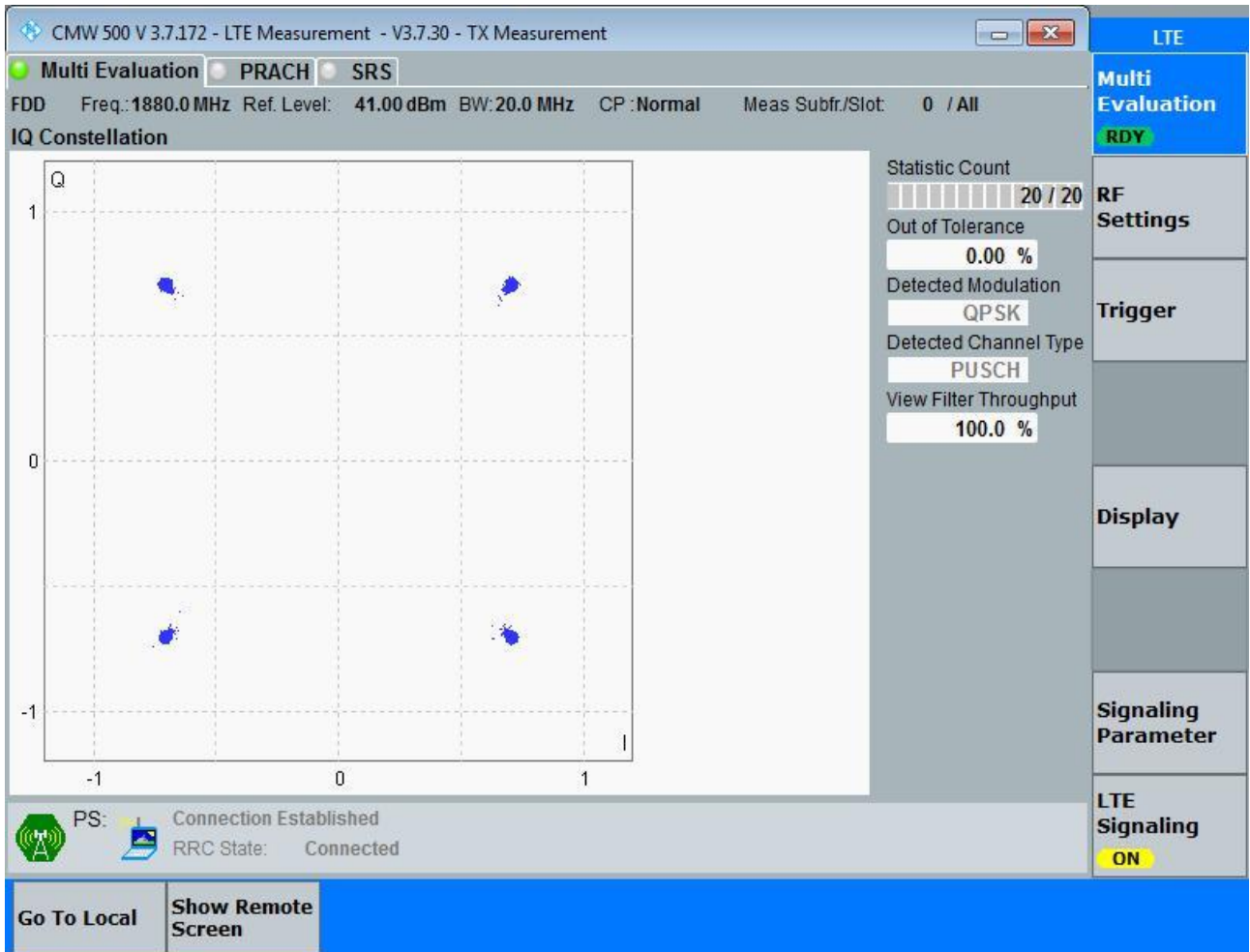




3.1.1.1.6 Test Bandwidth = 20MHz

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0



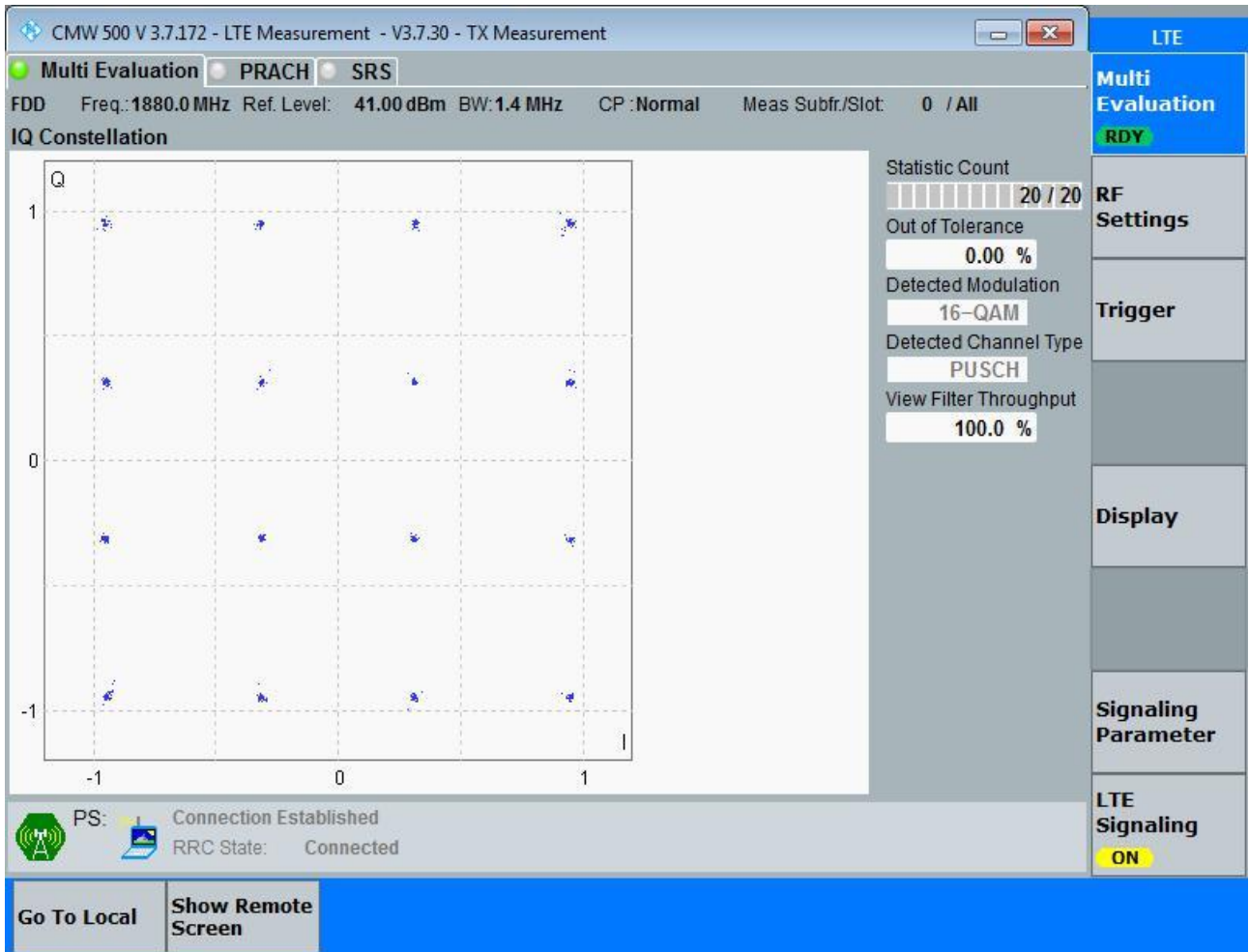


3.1.1.2 Test Mode = LTE/TM2

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

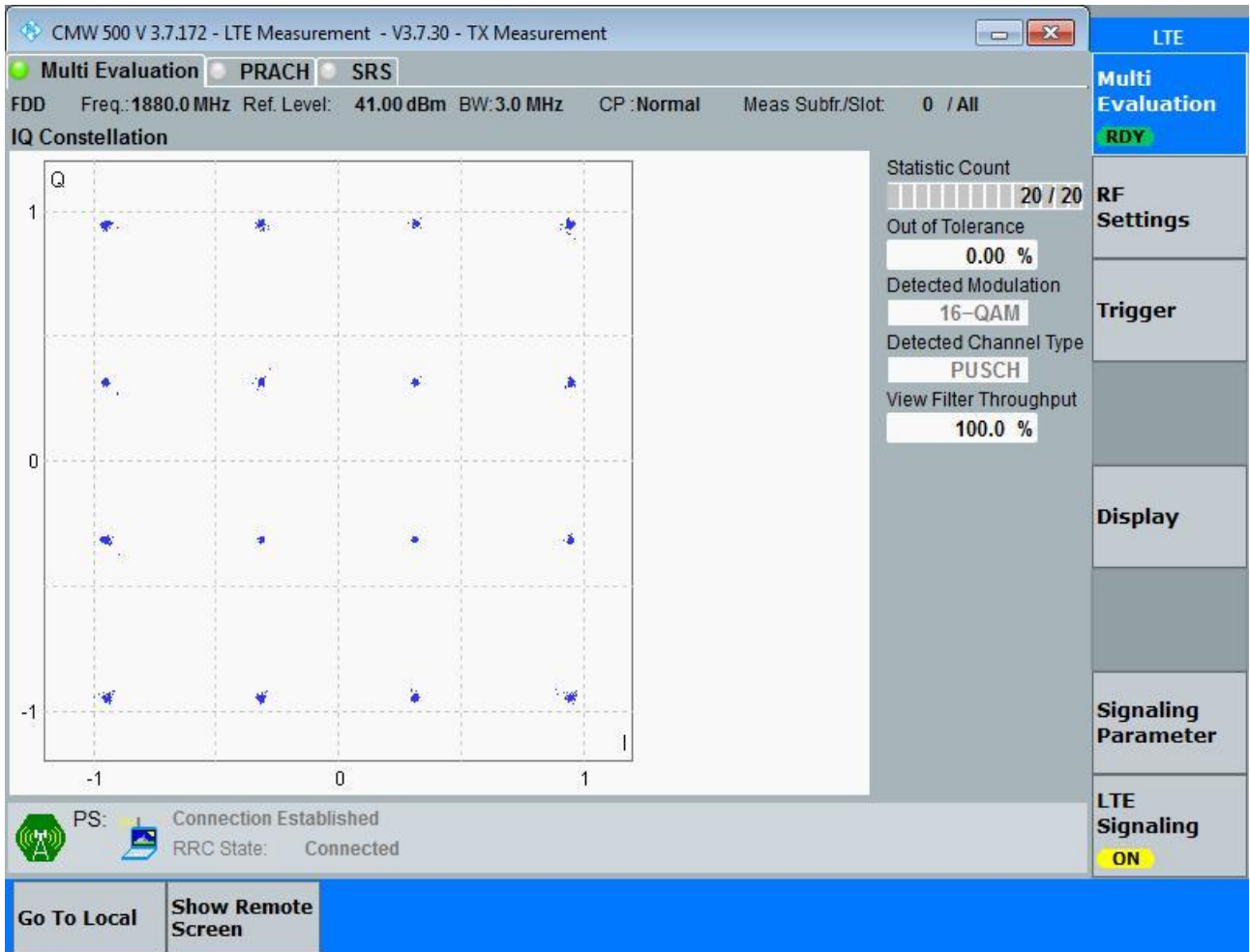




3.1.1.2.2 Test Bandwidth = 3MHz

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0

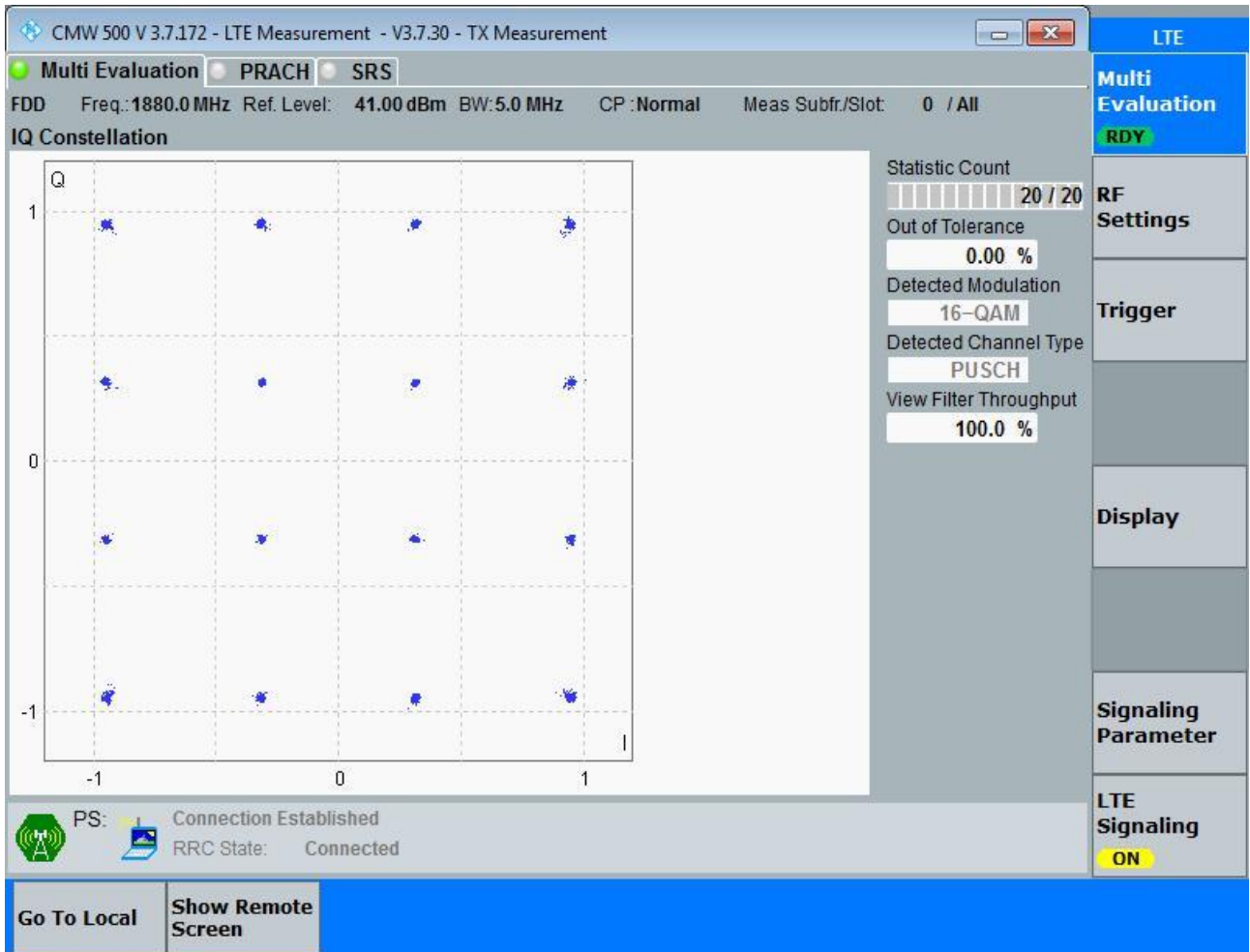




3.1.1.2.3 Test Bandwidth = 5MHz

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0

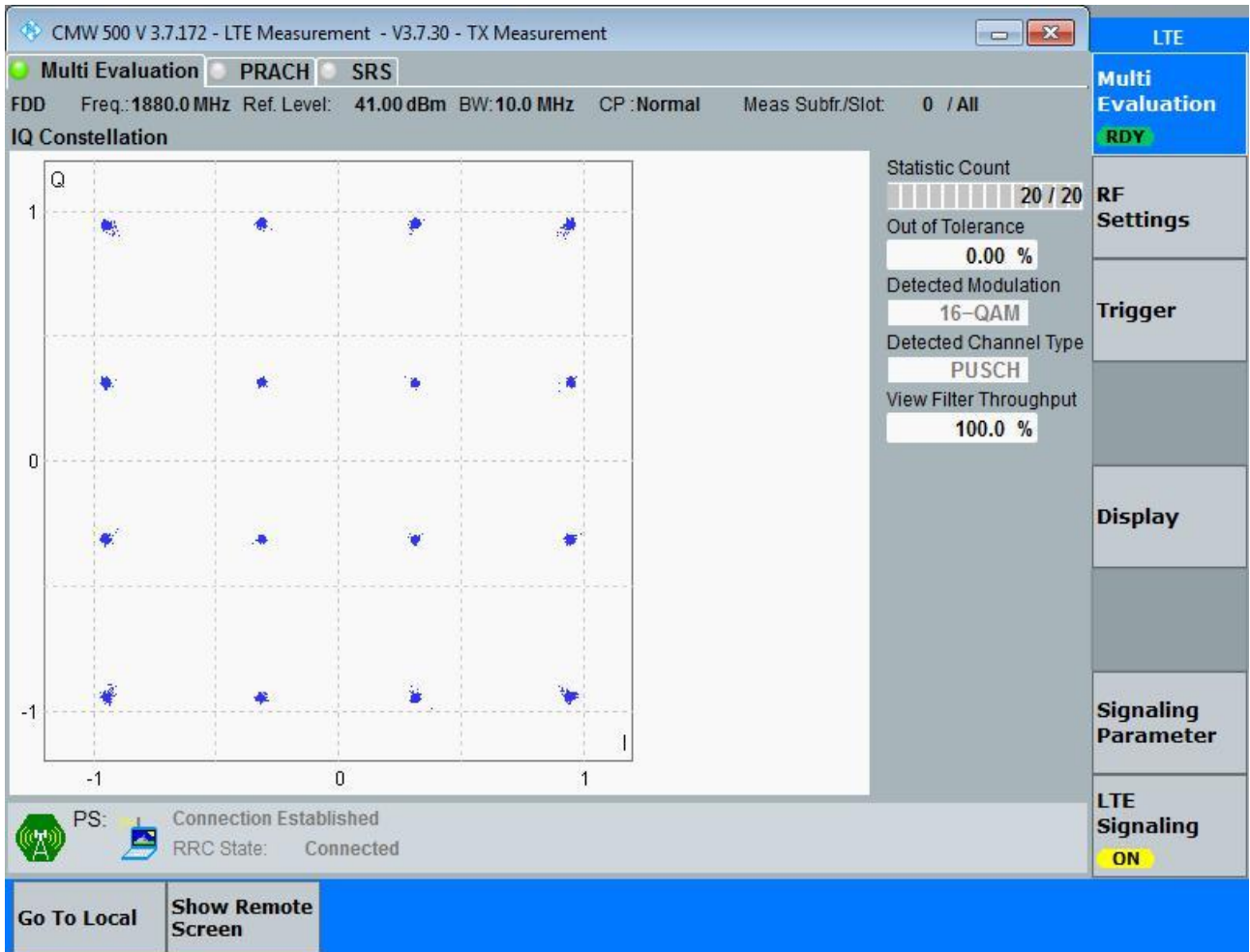




3.1.1.2.4 Test Bandwidth = 10MHz

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0

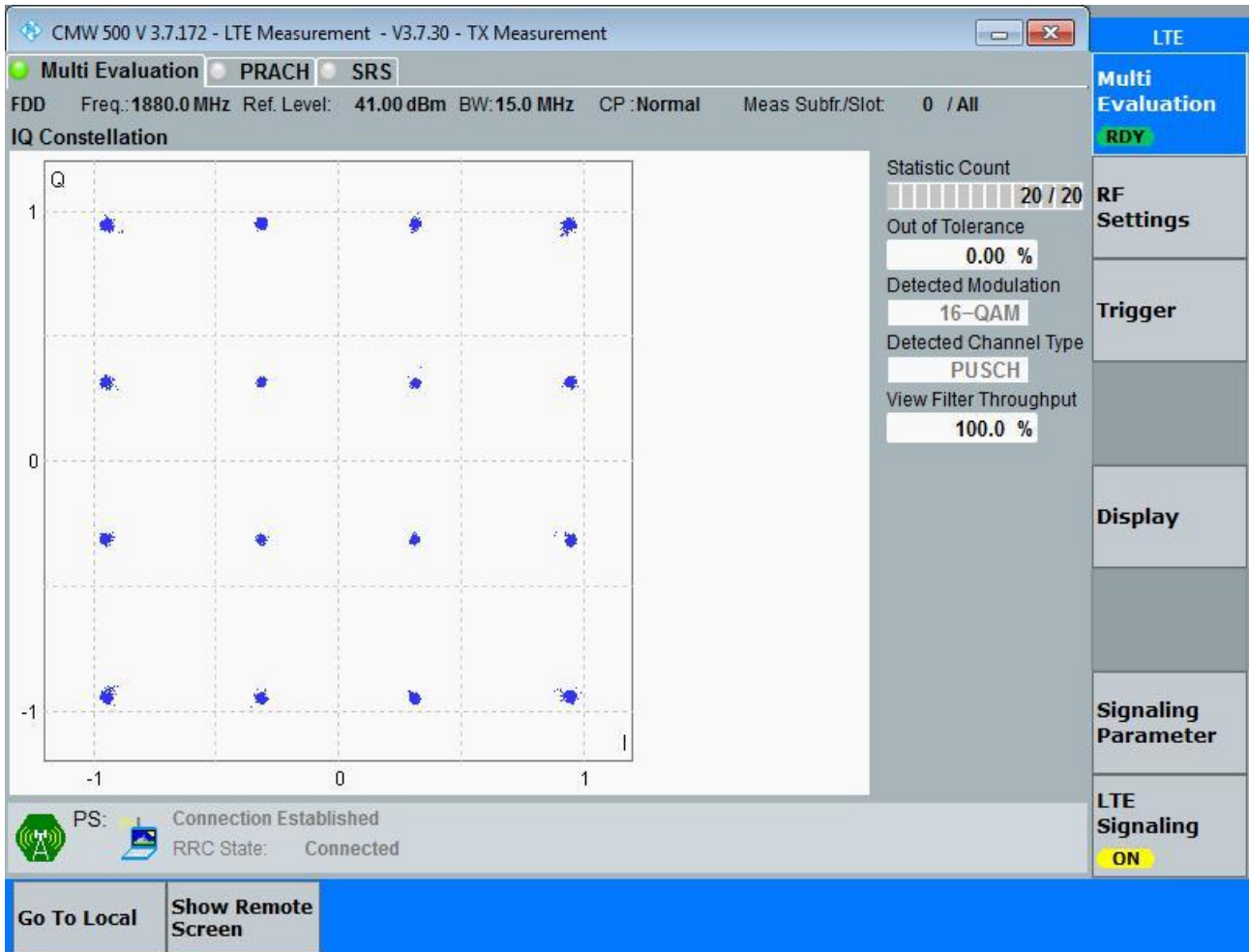




3.1.1.2.5 Test Bandwidth = 15MHz

3.1.1.2.5.1 Test Channel = MCH

3.1.1.2.5.1.1 Test RB = RB75#0

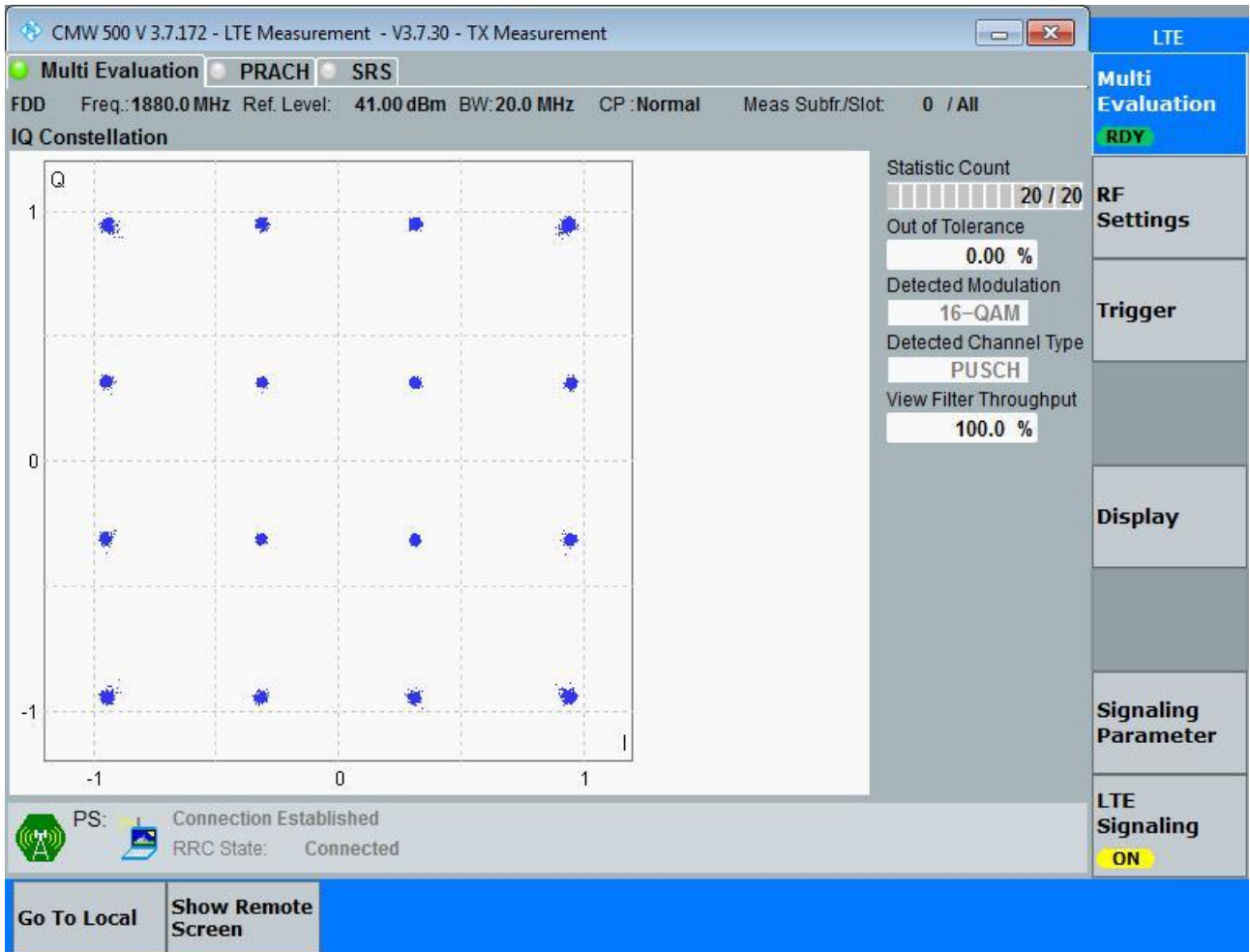




3.1.1.2.6 Test Bandwidth = 20MHz

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
Band2	LTE/TM1	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	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.50	4.95	Pass
			MCH	RB25#0	4.52	4.95	Pass
			HCH	RB25#0	4.53	4.97	Pass
		10	LCH	RB50#0	9.00	9.89	Pass
			MCH	RB50#0	9.02	9.87	Pass
			HCH	RB50#0	9.01	9.90	Pass
		15	LCH	RB75#0	13.50	15.03	Pass
			MCH	RB75#0	13.50	14.95	Pass
			HCH	RB75#0	13.46	14.81	Pass
		20	LCH	RB100#0	18.02	19.72	Pass
			MCH	RB100#0	18.00	19.75	Pass
			HCH	RB100#0	17.96	19.78	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.72	2.99	Pass
		5	LCH	RB25#0	4.52	4.98	Pass
			MCH	RB25#0	4.53	4.96	Pass
			HCH	RB25#0	4.52	4.99	Pass
10		LCH	RB50#0	9.00	9.87	Pass	
		MCH	RB50#0	9.01	9.89	Pass	
		HCH	RB50#0	9.00	9.91	Pass	
15		LCH	RB75#0	13.48	14.89	Pass	
		MCH	RB75#0	13.47	14.92	Pass	
		HCH	RB75#0	13.49	14.92	Pass	
20		LCH	RB100#0	18.01	19.68	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	18.00	19.70	Pass
			HCH	RB100#0	18.00	19.78	Pass



Part II - Test Plots

4.1 For LTE

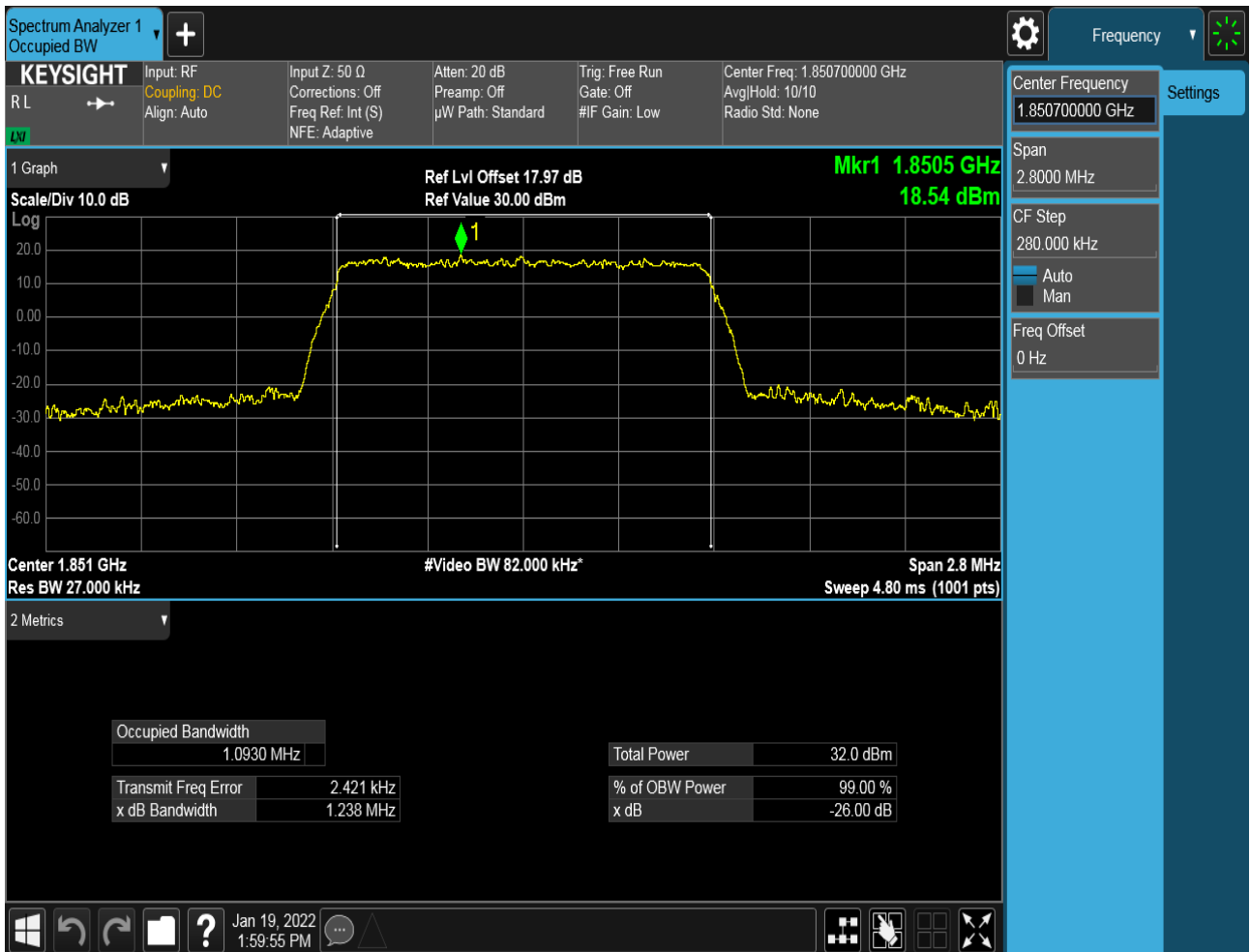
4.1.1 Test Band = Band2

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

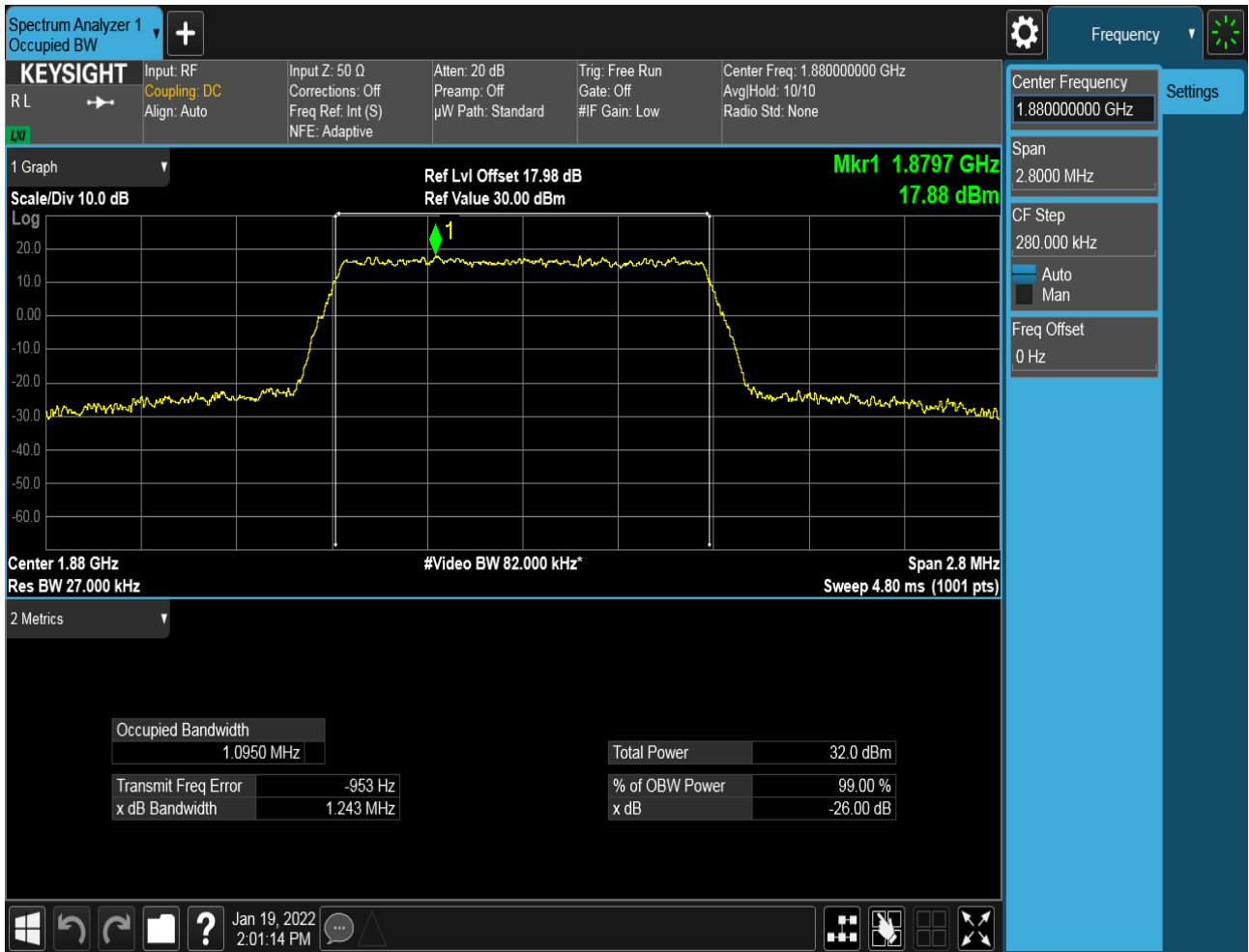
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

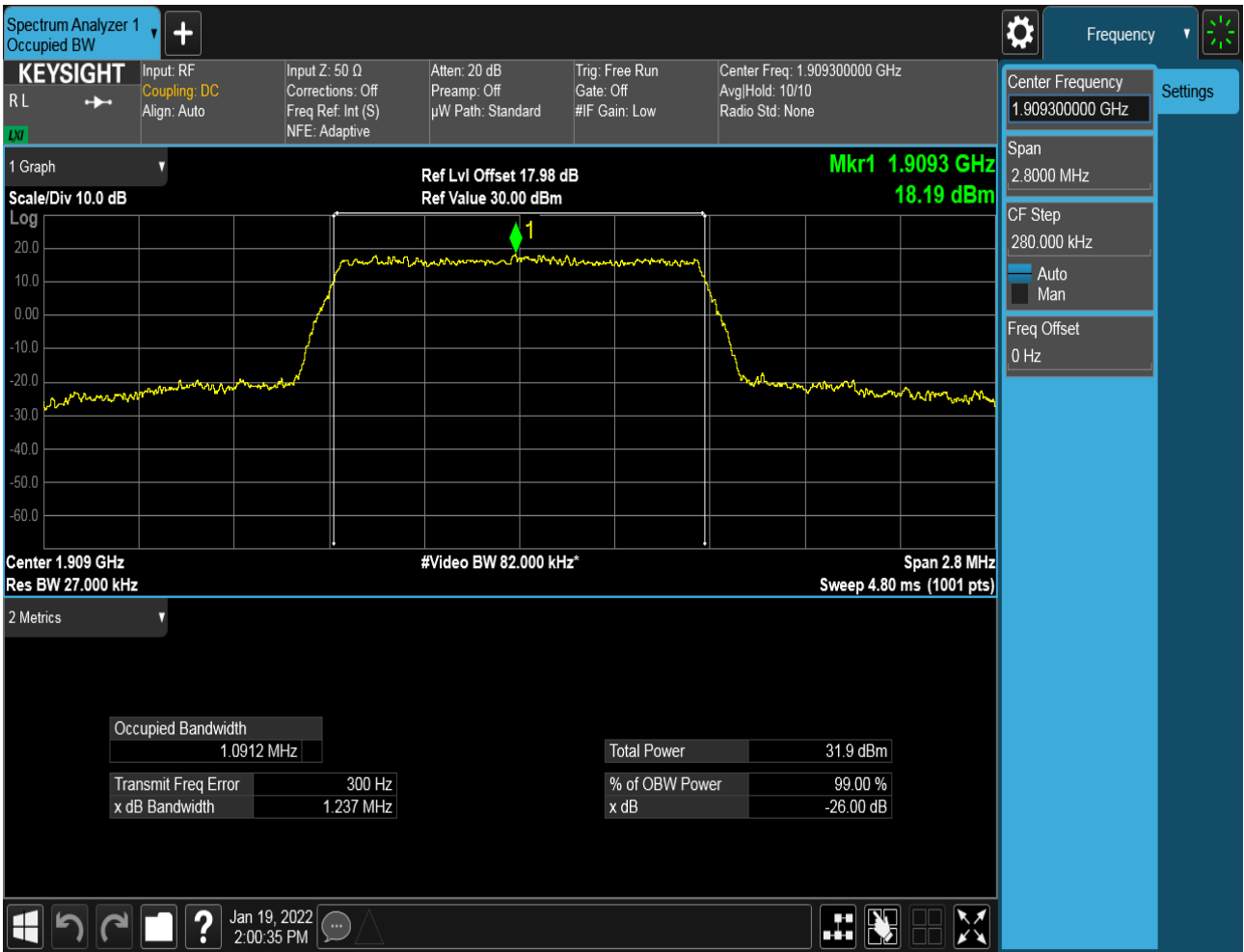
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

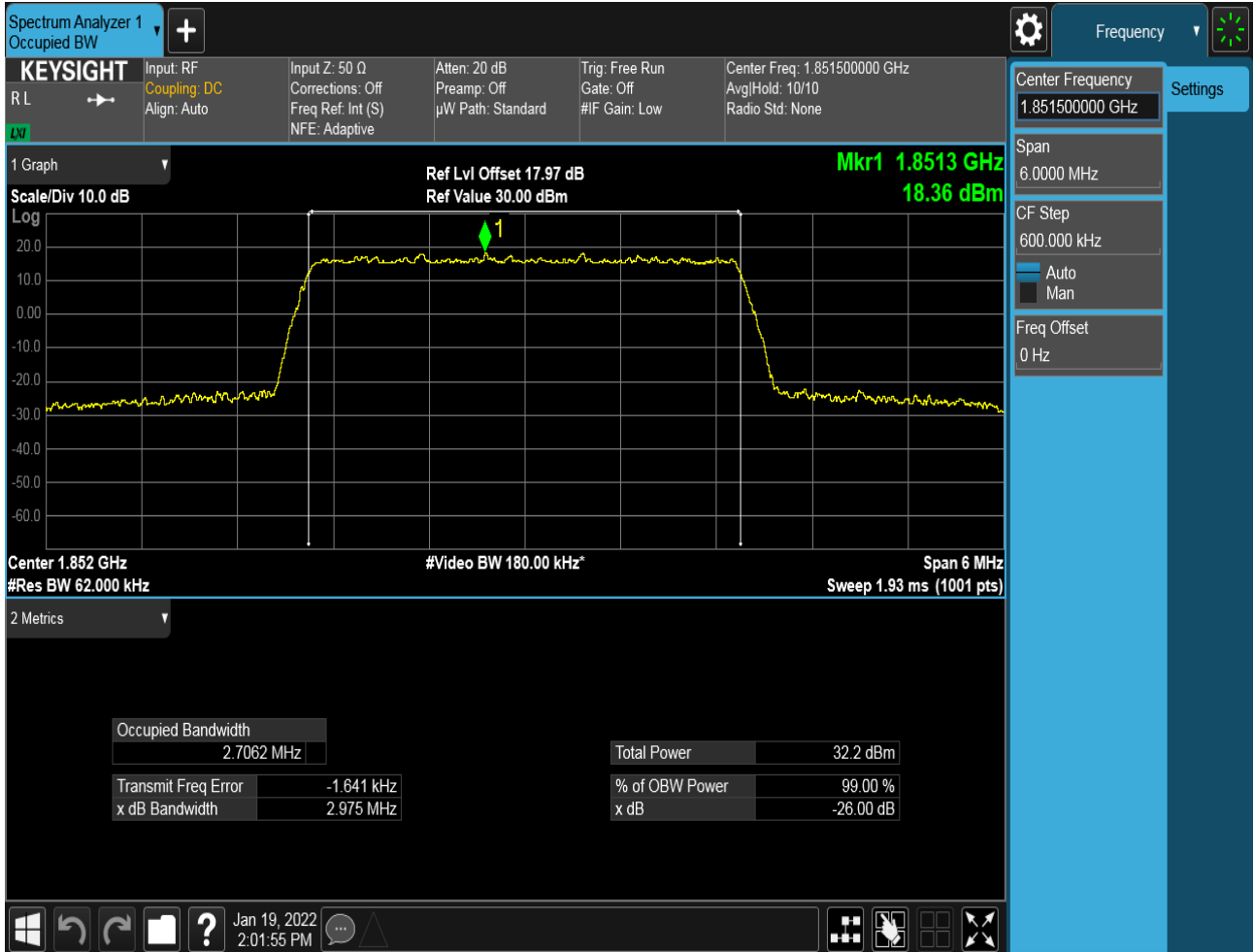




4.1.1.1.2 Test Bandwidth = 3MHz

4.1.1.1.2.1 Test Channel = LCH

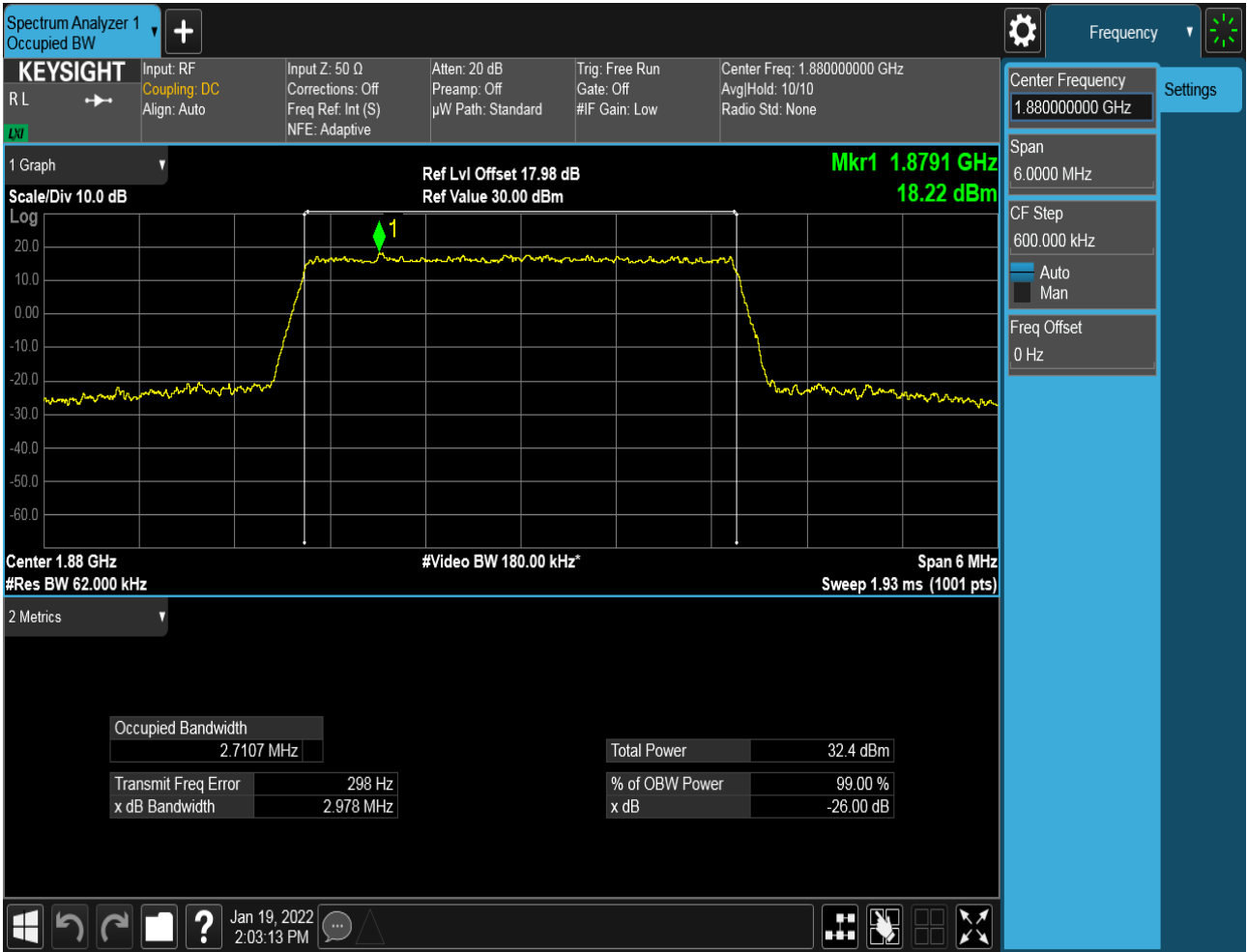
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

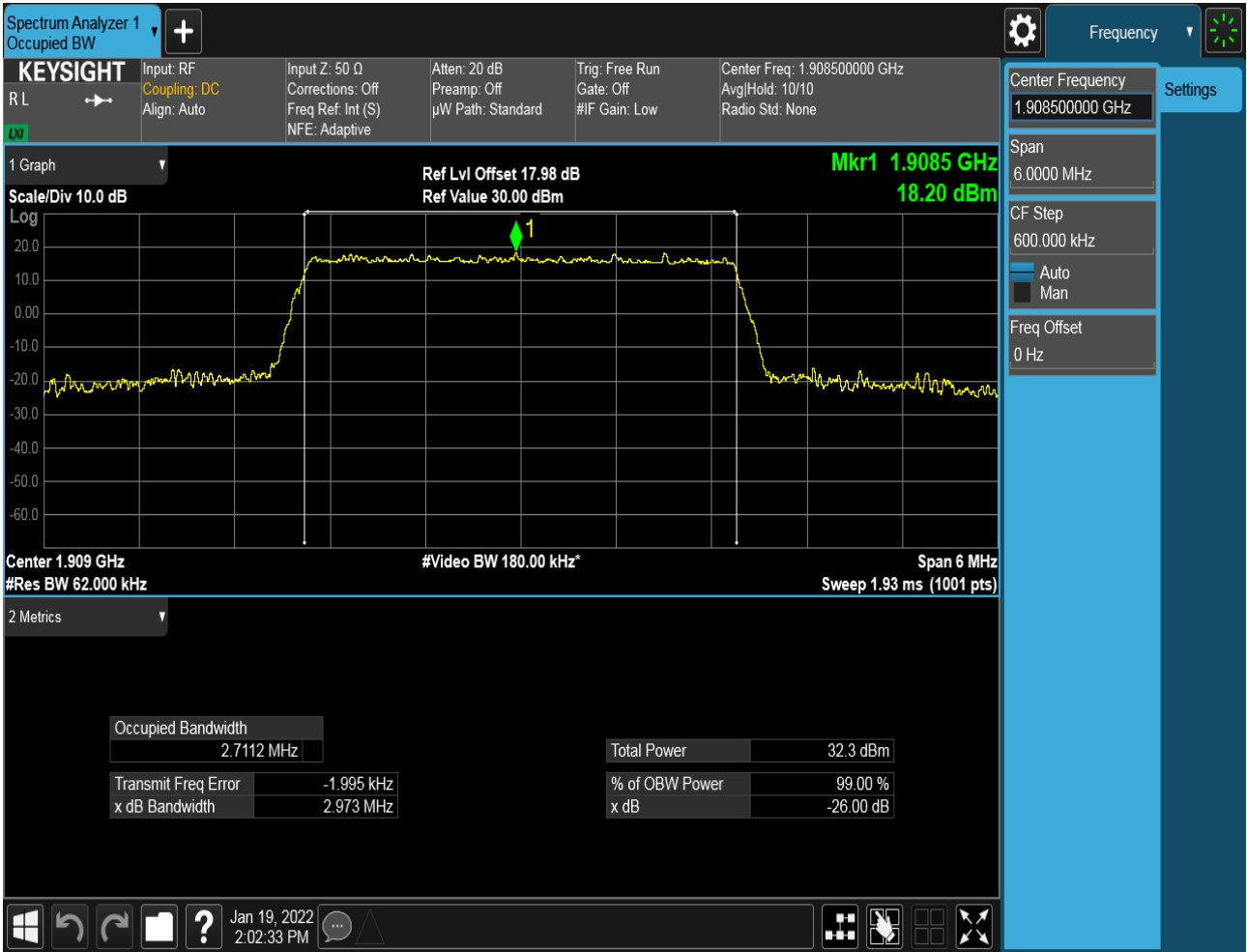
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

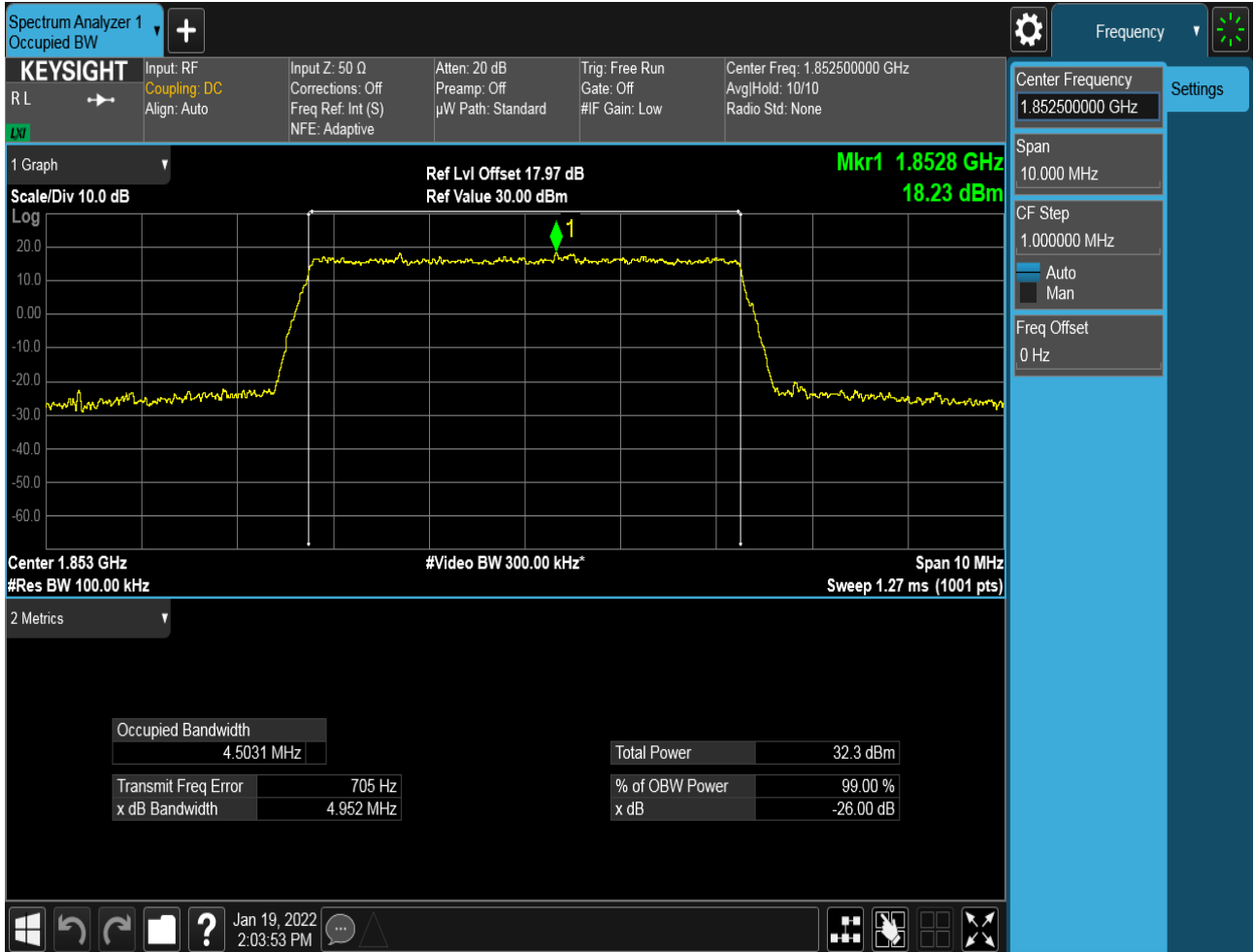




4.1.1.1.3 Test Bandwidth = 5MHz

4.1.1.1.3.1 Test Channel = LCH

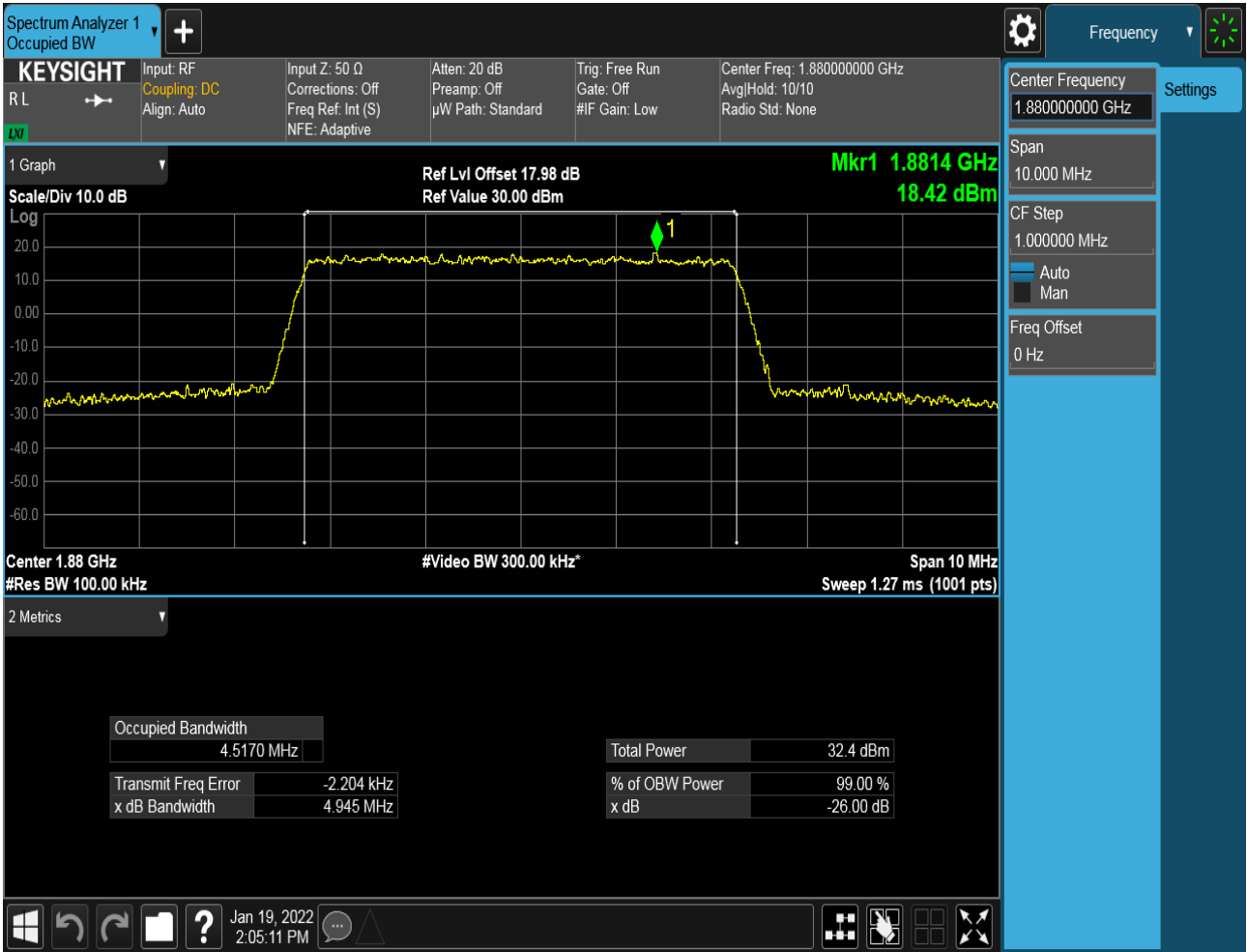
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

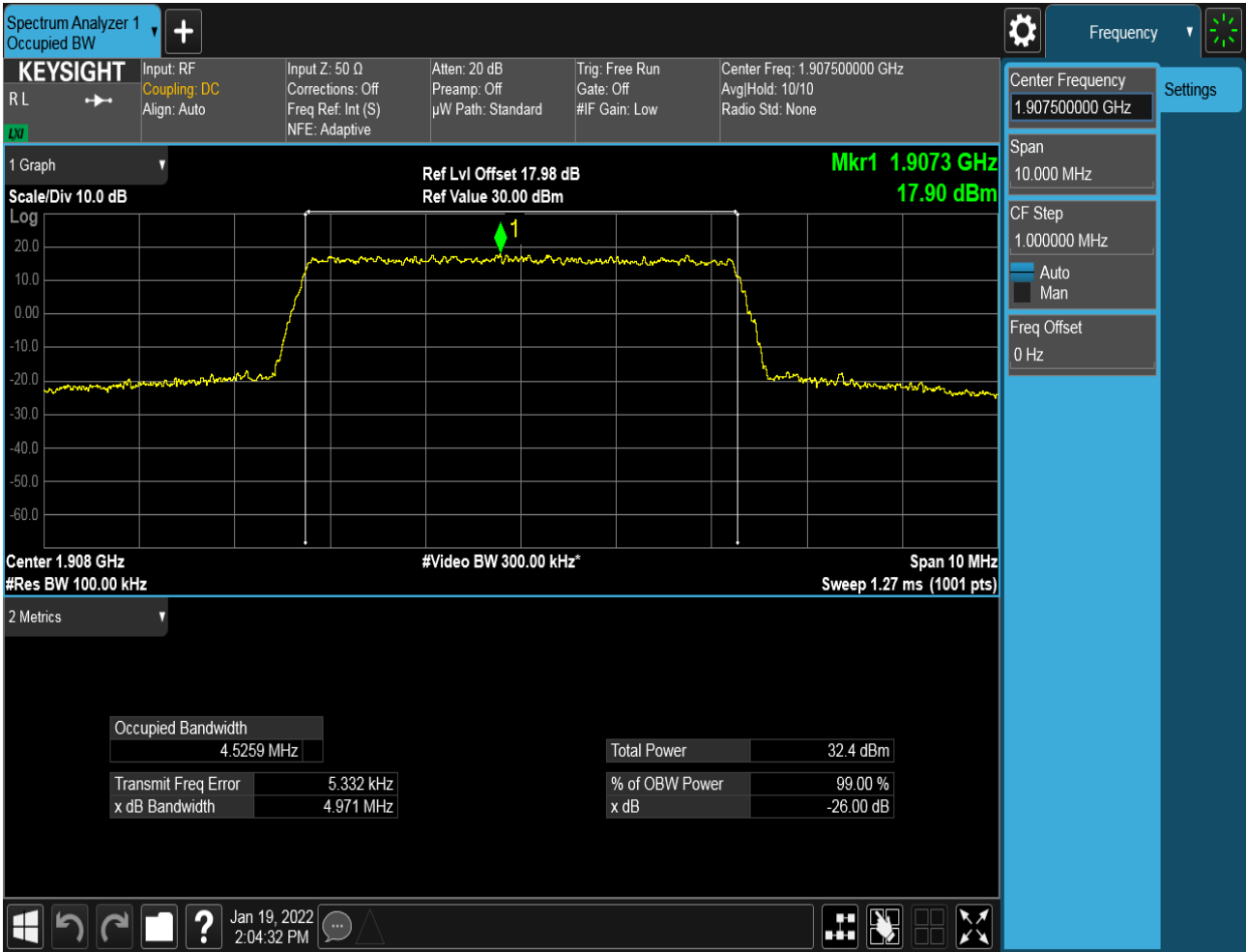
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

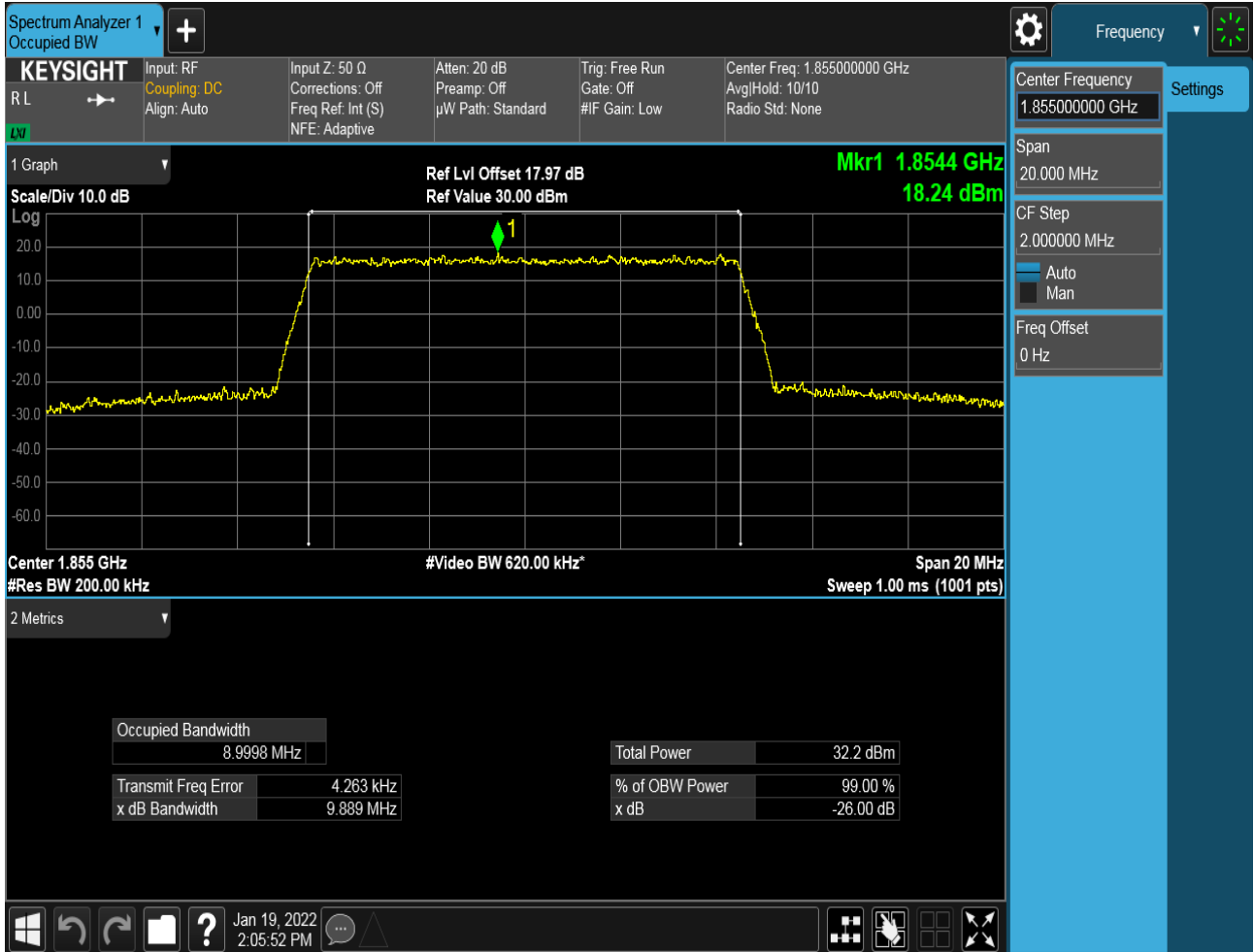




4.1.1.1.4 Test Bandwidth = 10MHz

4.1.1.1.4.1 Test Channel = LCH

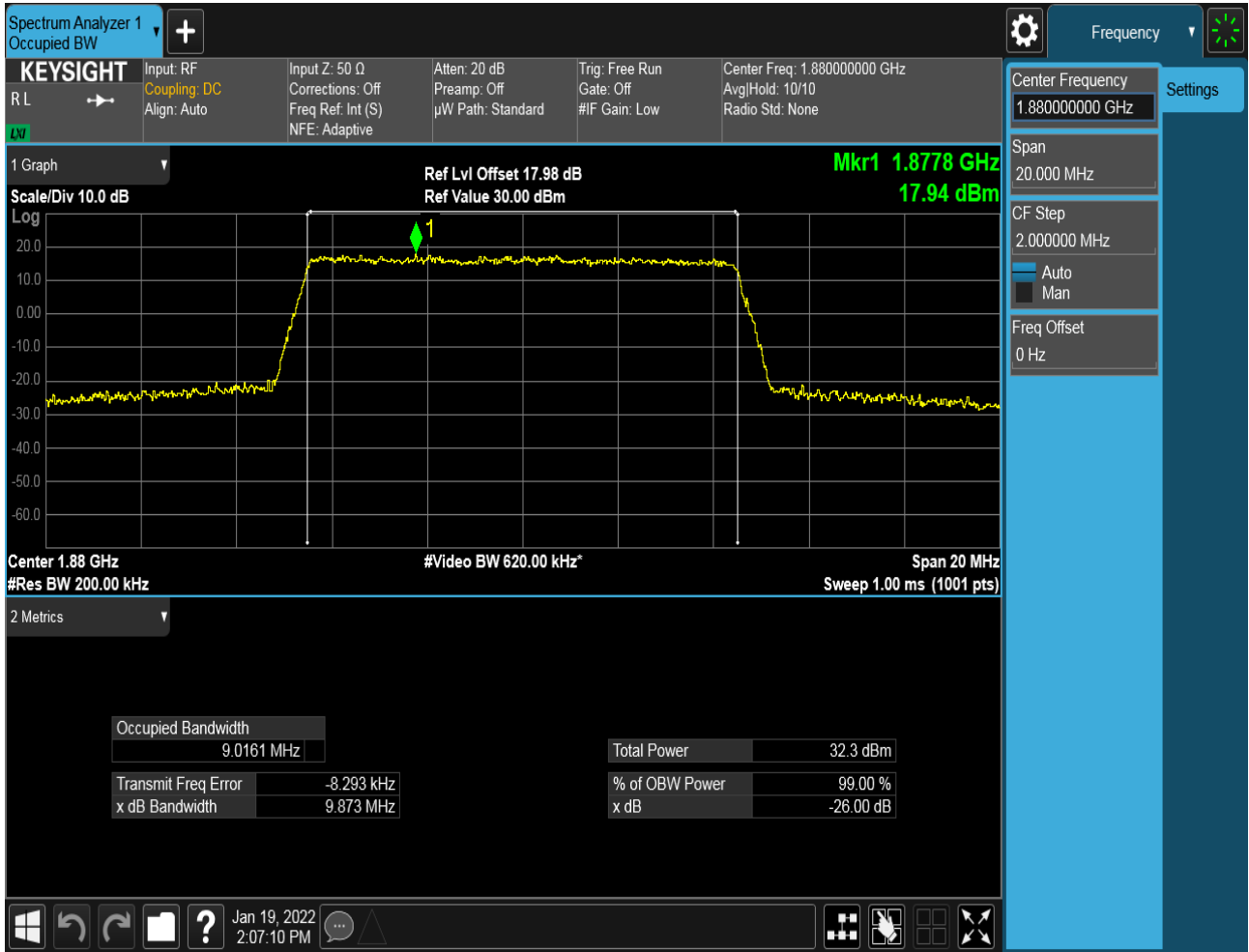
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

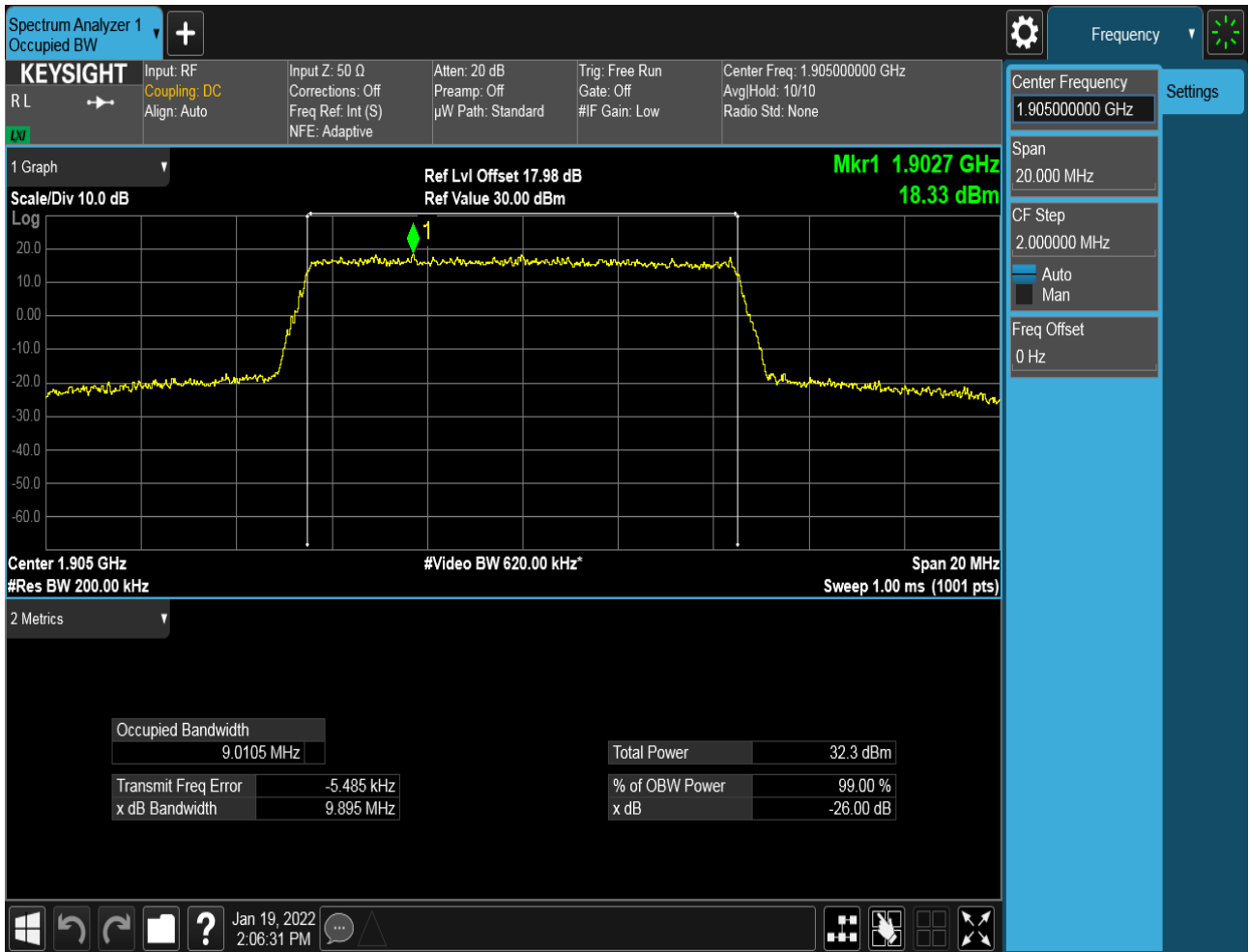
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

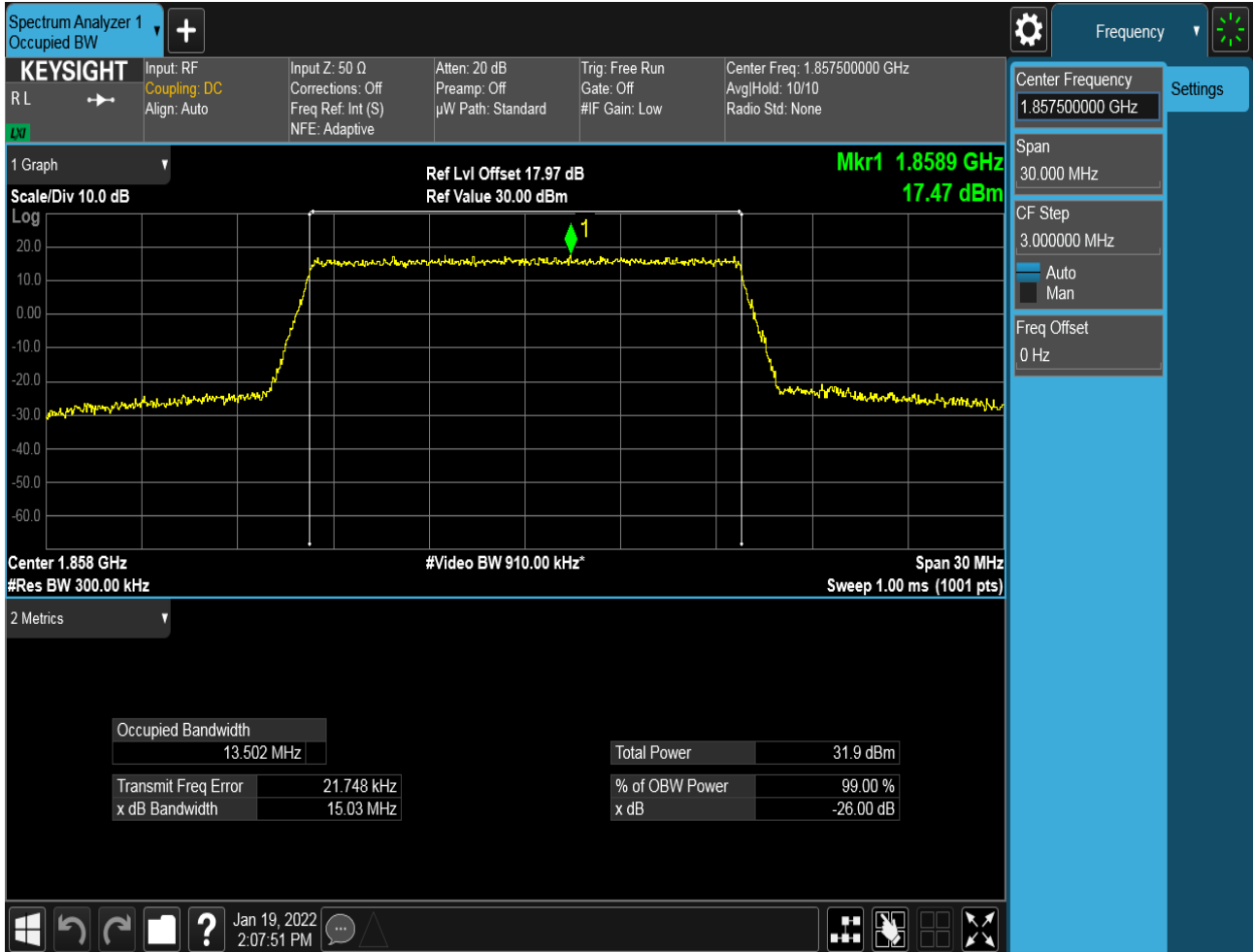




4.1.1.1.5 Test Bandwidth = 15MHz

4.1.1.1.5.1 Test Channel = LCH

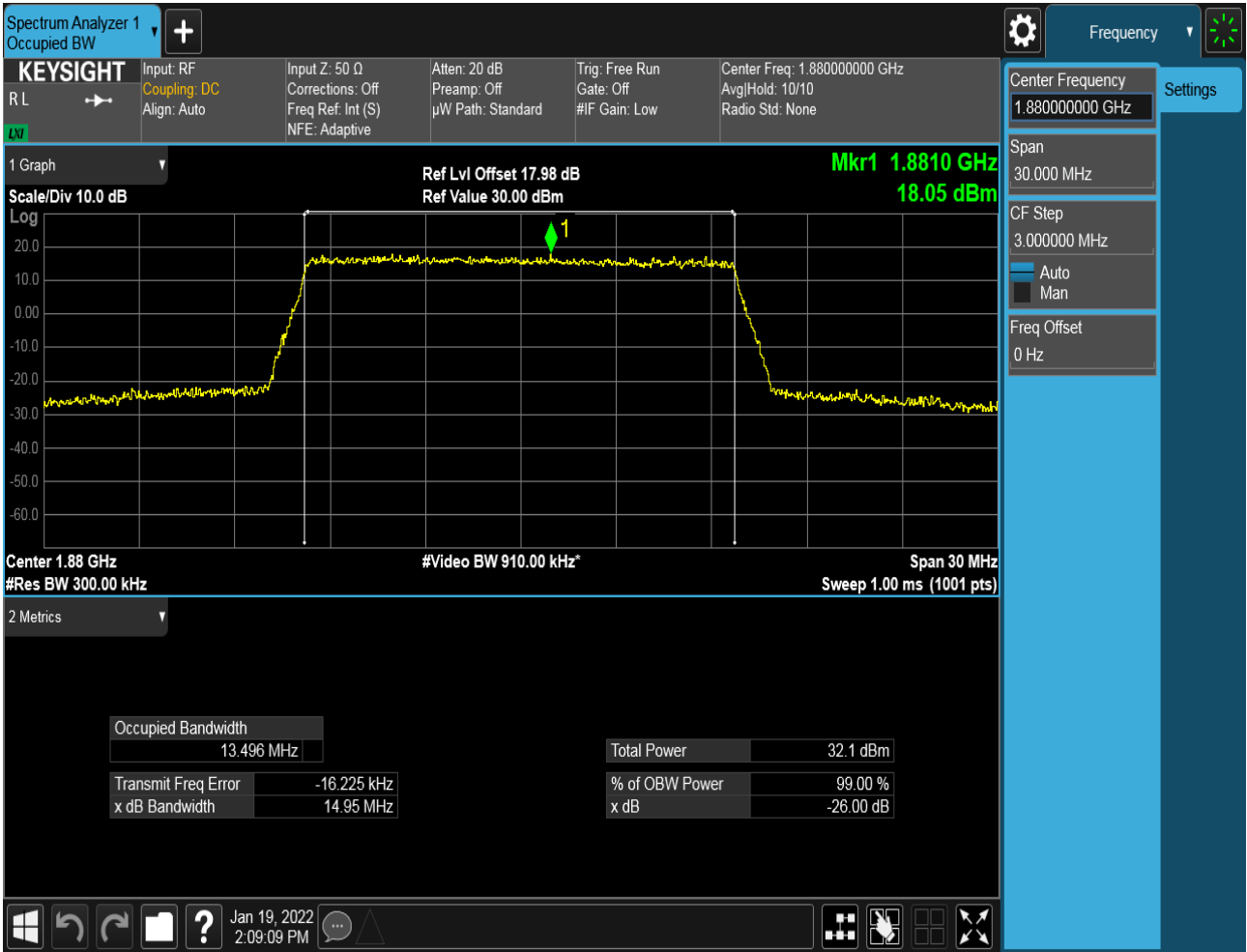
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

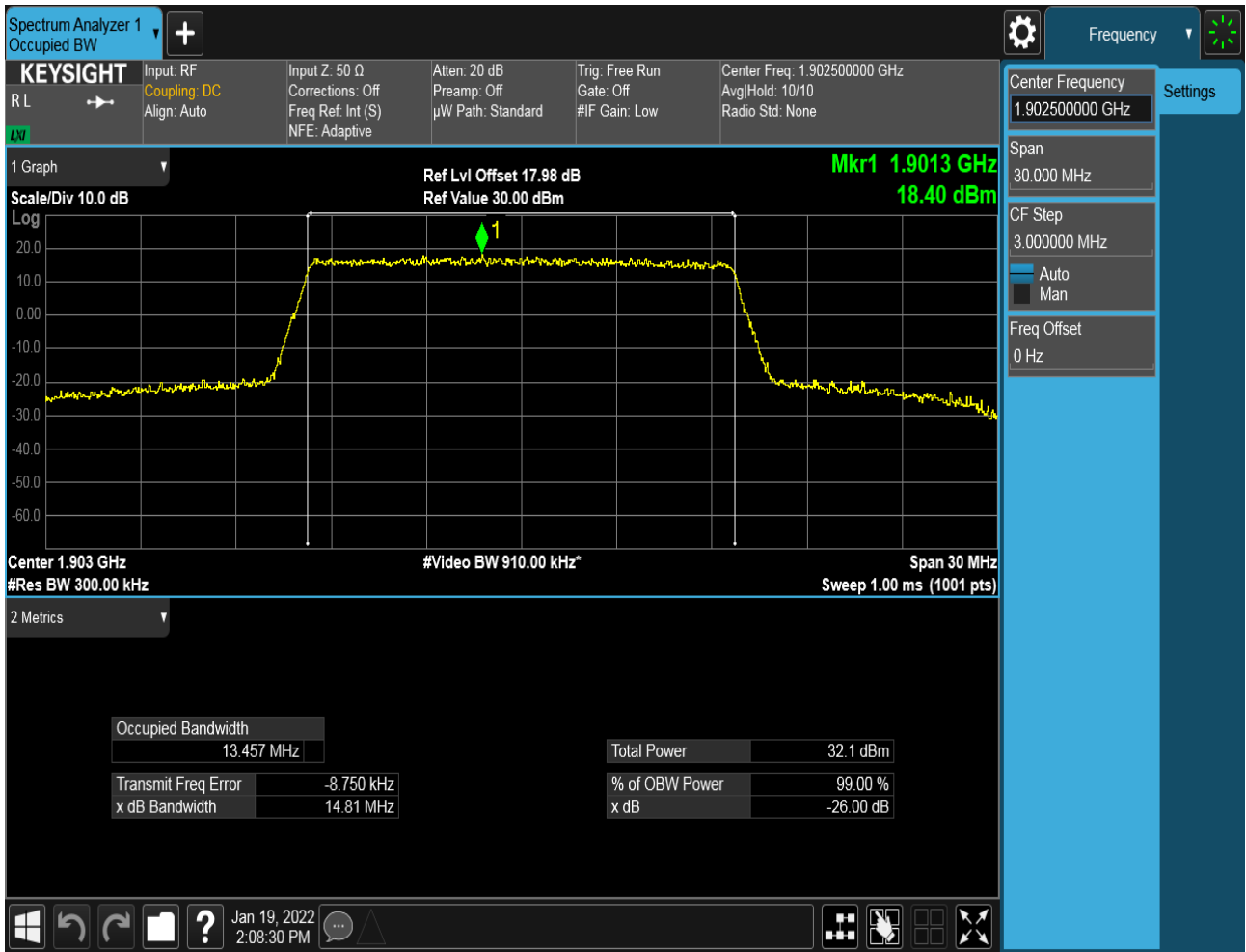
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

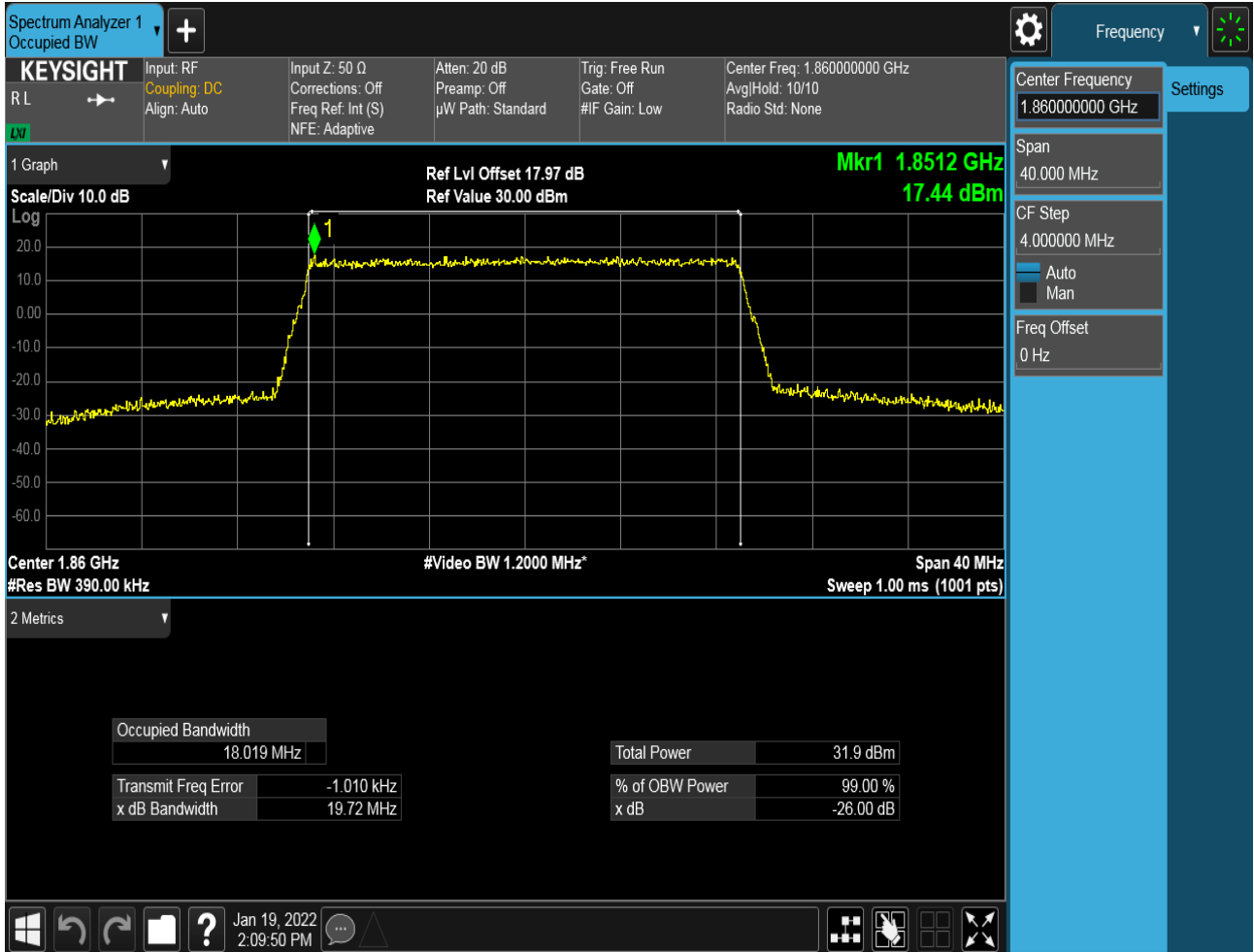




4.1.1.1.6 Test Bandwidth = 20MHz

4.1.1.1.6.1 Test Channel = LCH

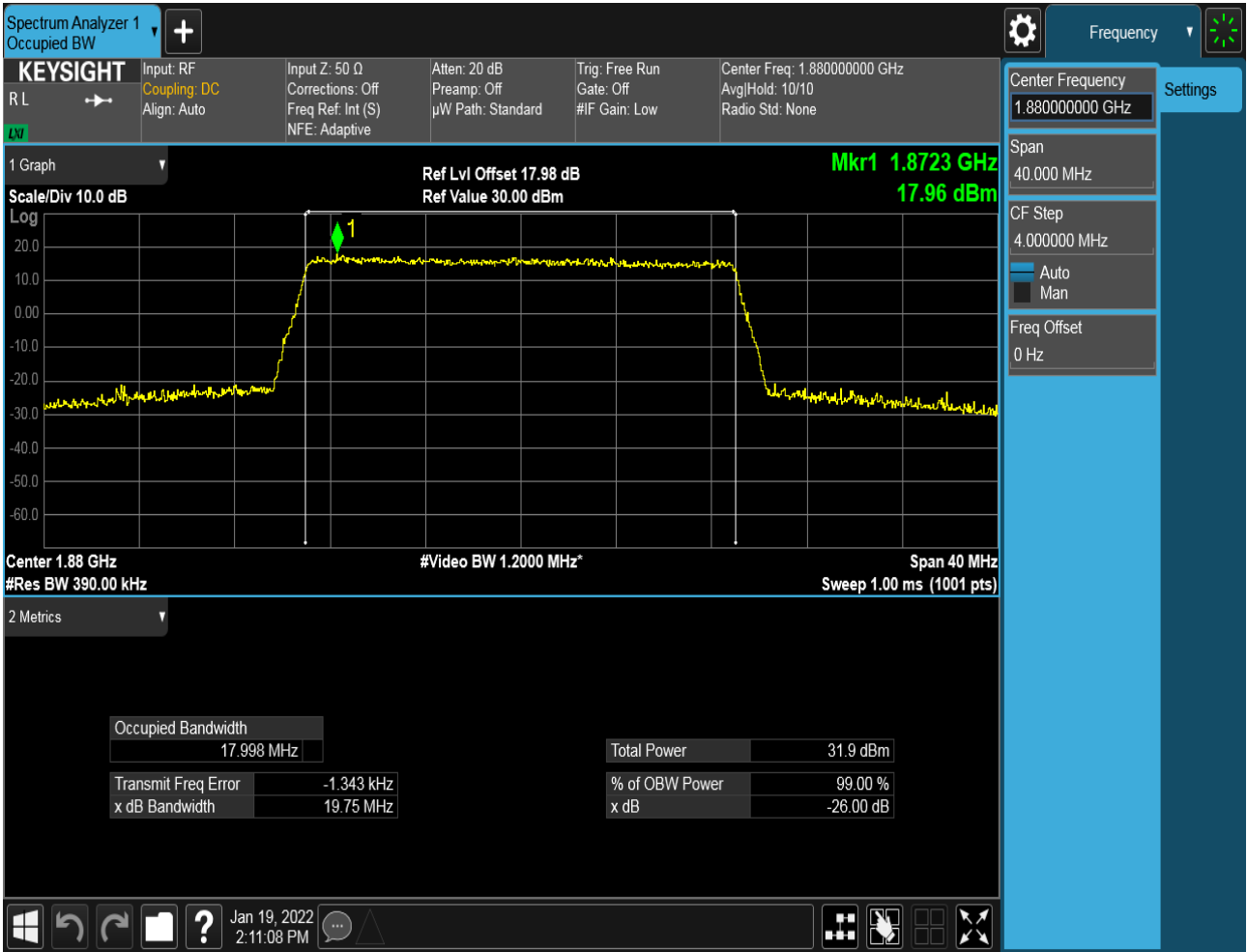
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

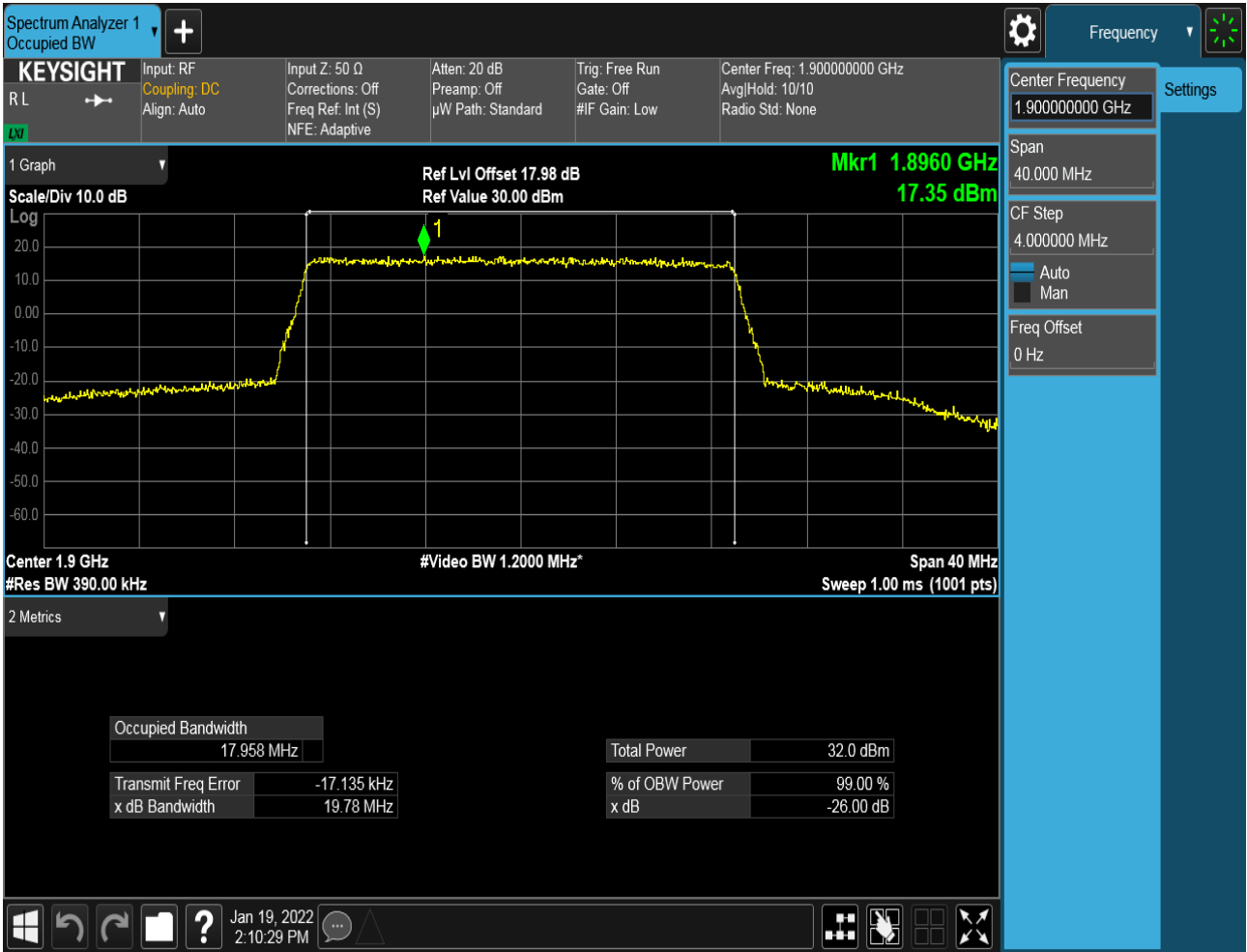
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



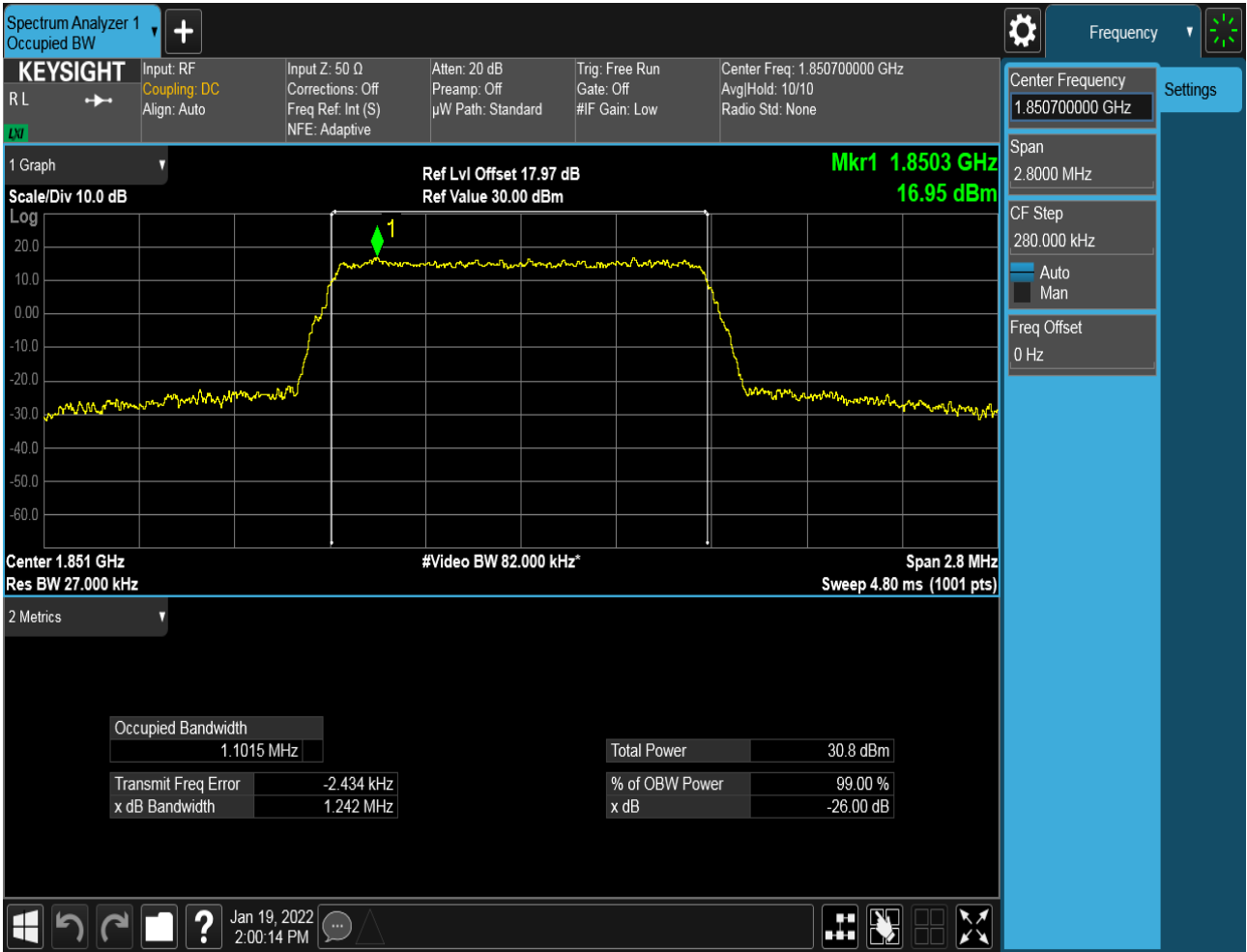


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4MHz

4.1.1.2.1.1 Test Channel = LCH

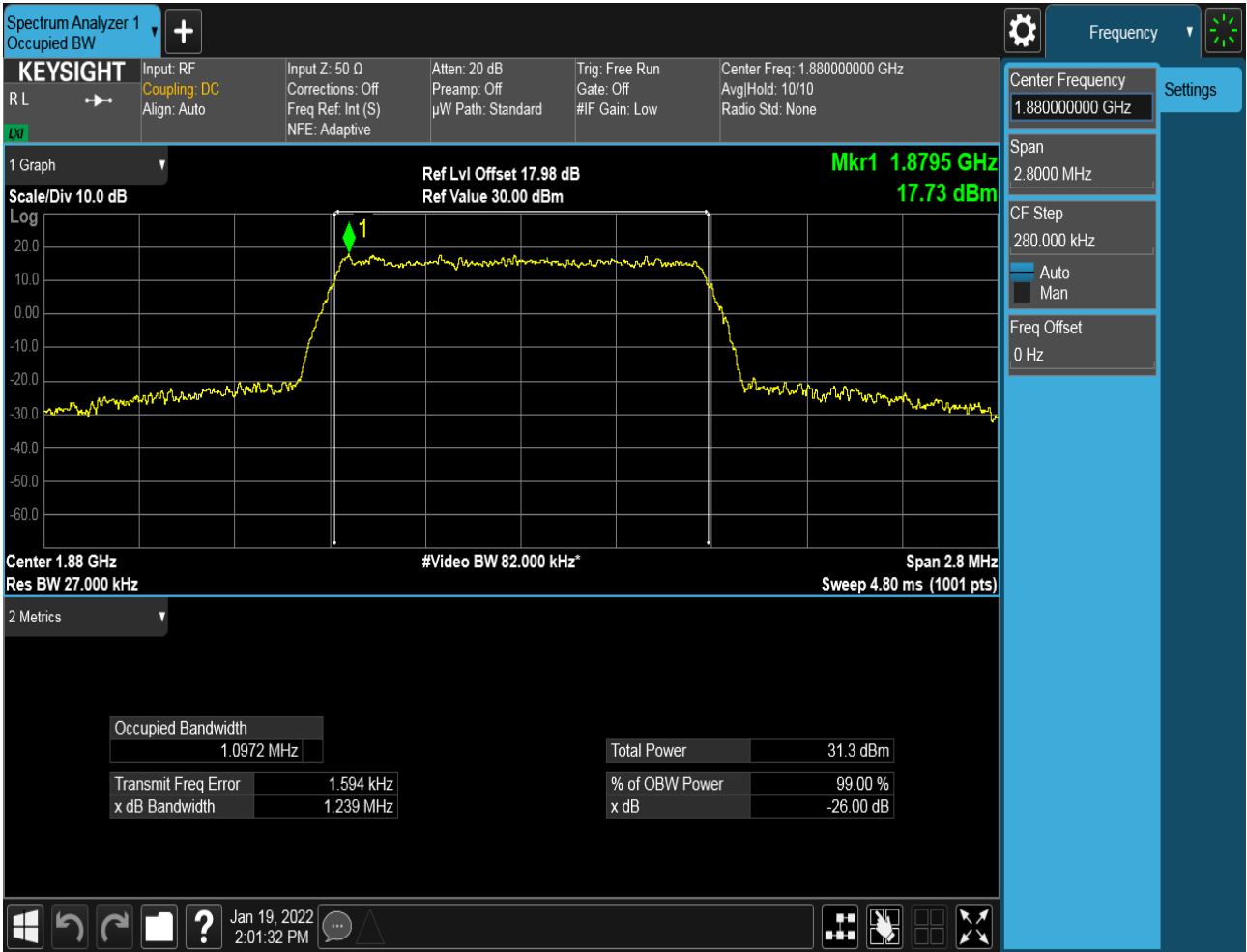
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

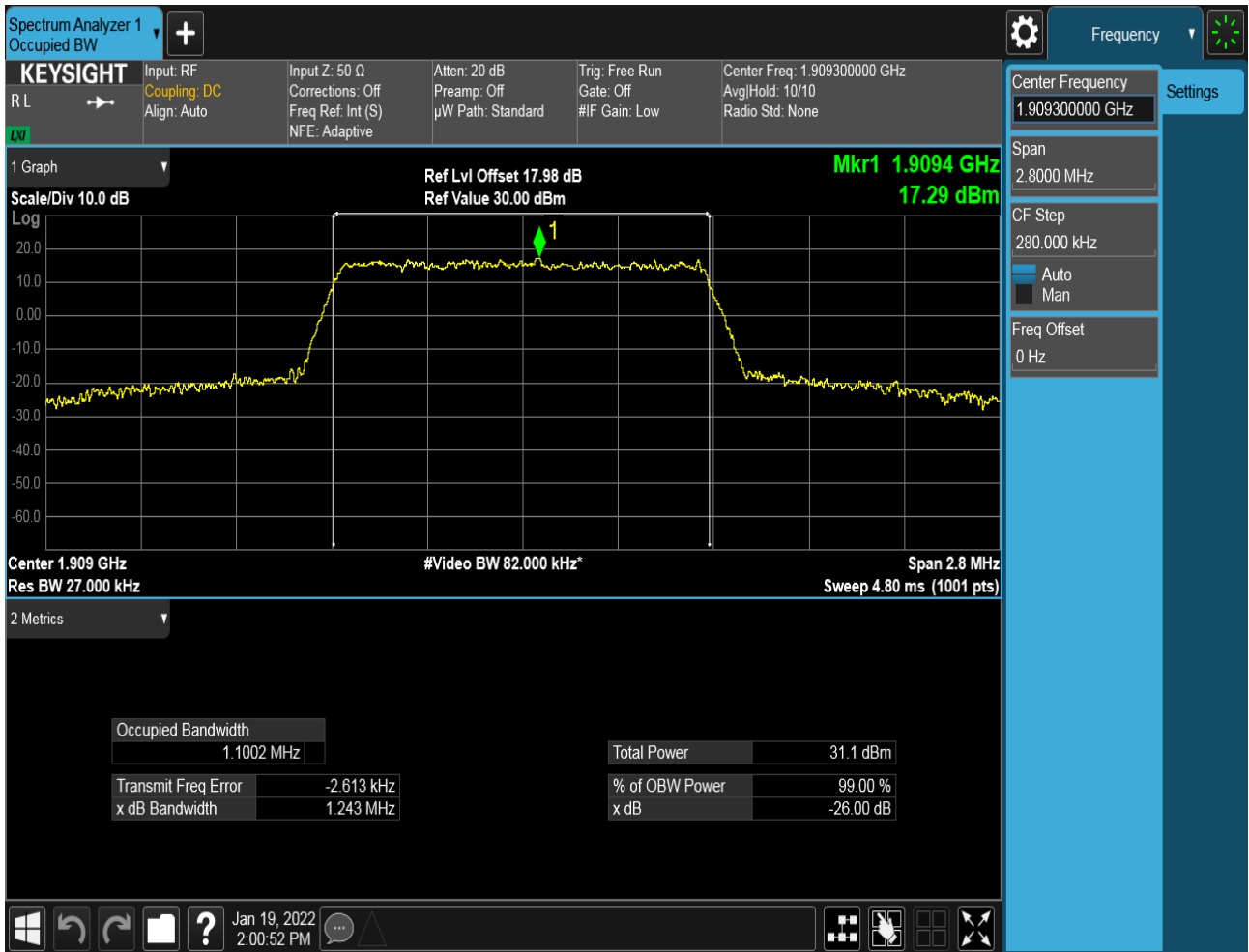
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

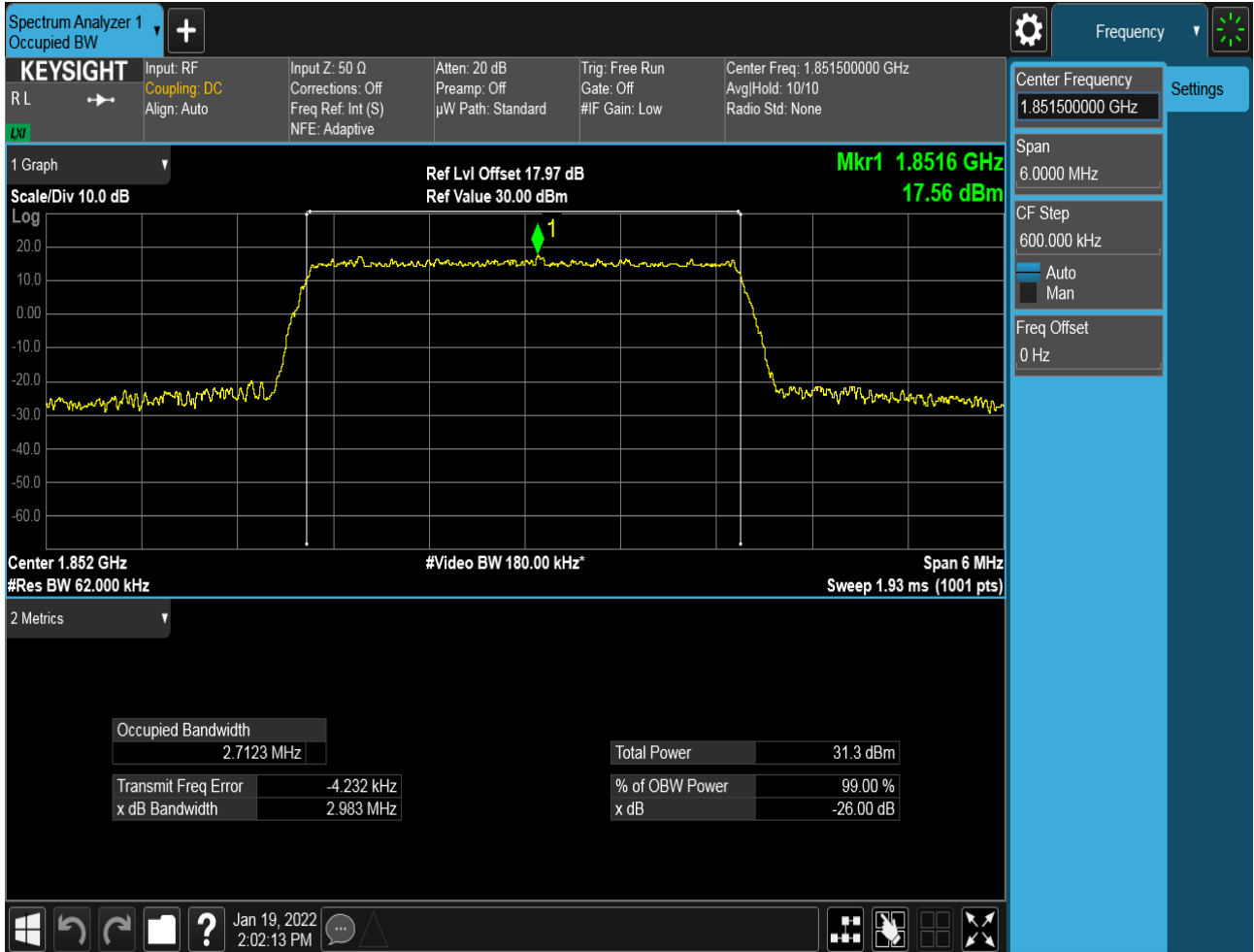




4.1.1.2.2 Test Bandwidth = 3MHz

4.1.1.2.2.1 Test Channel = LCH

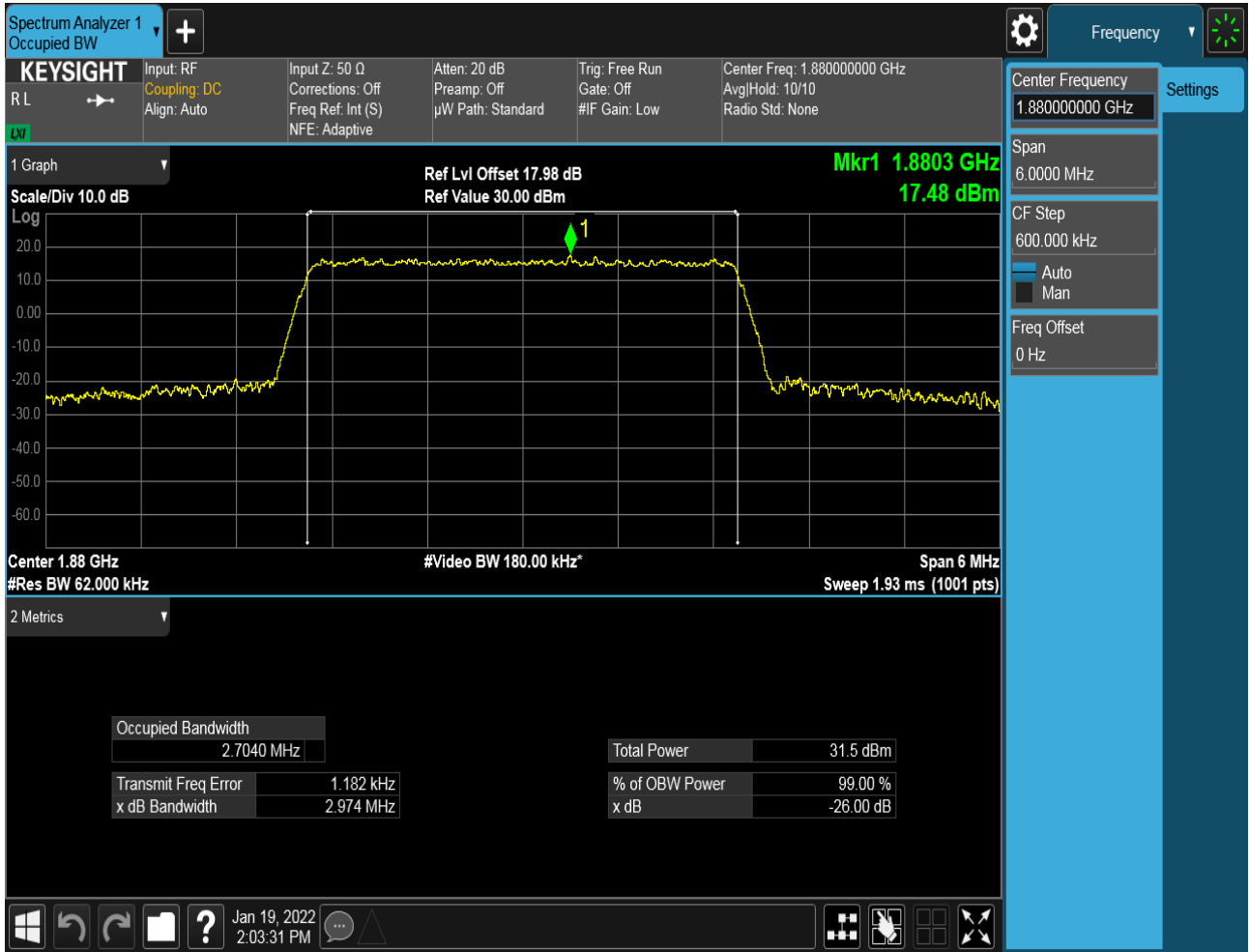
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

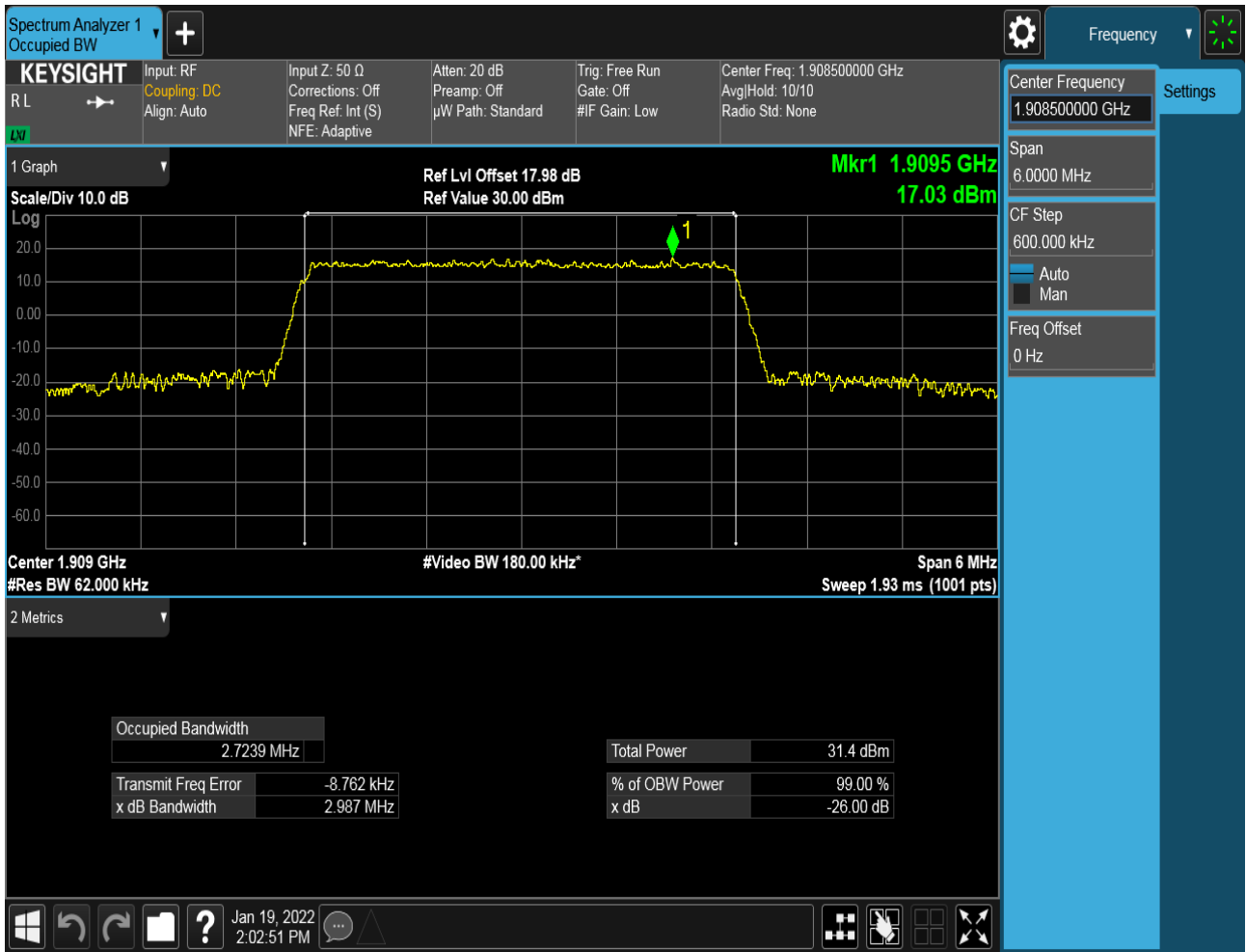
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

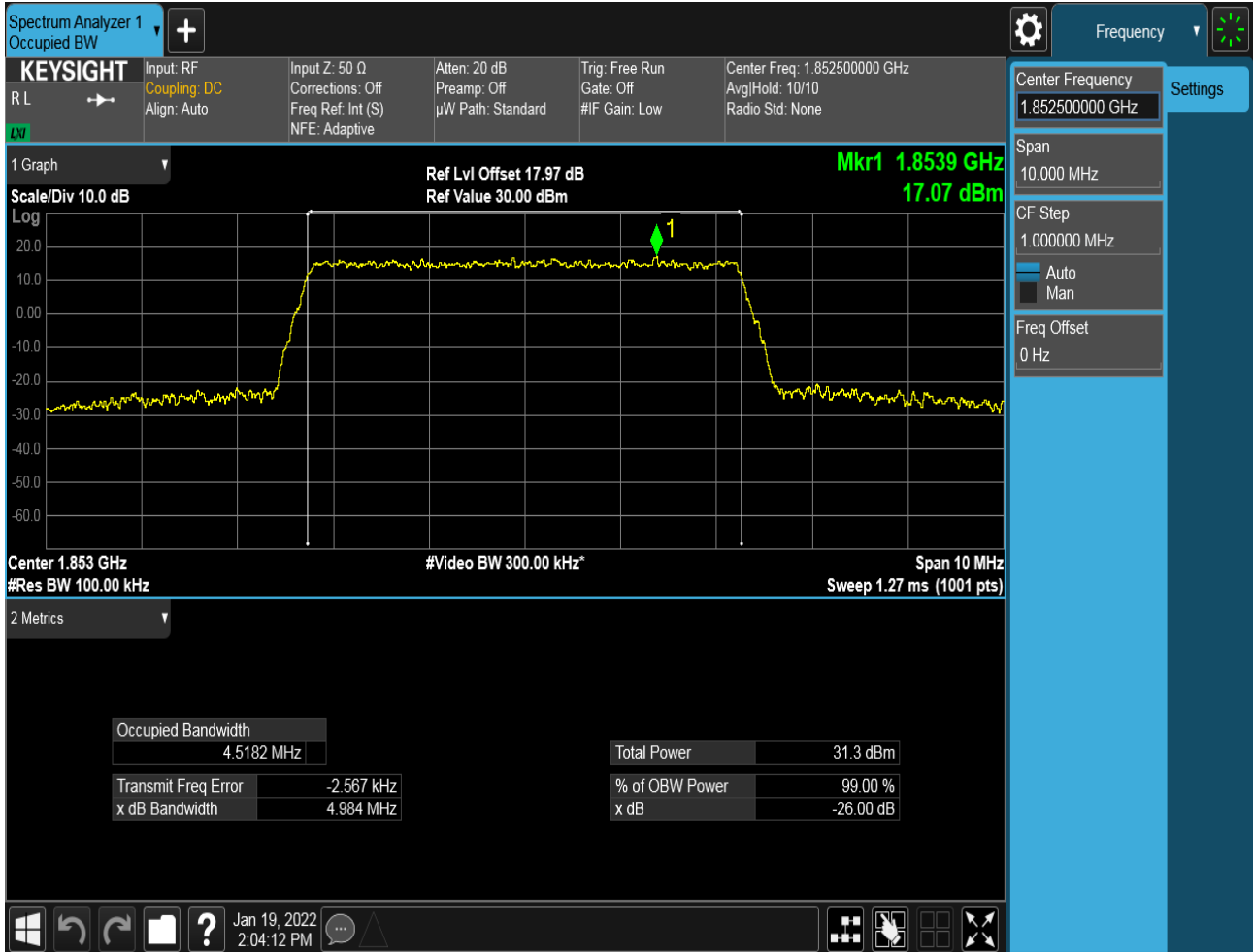




4.1.1.2.3 Test Bandwidth = 5MHz

4.1.1.2.3.1 Test Channel = LCH

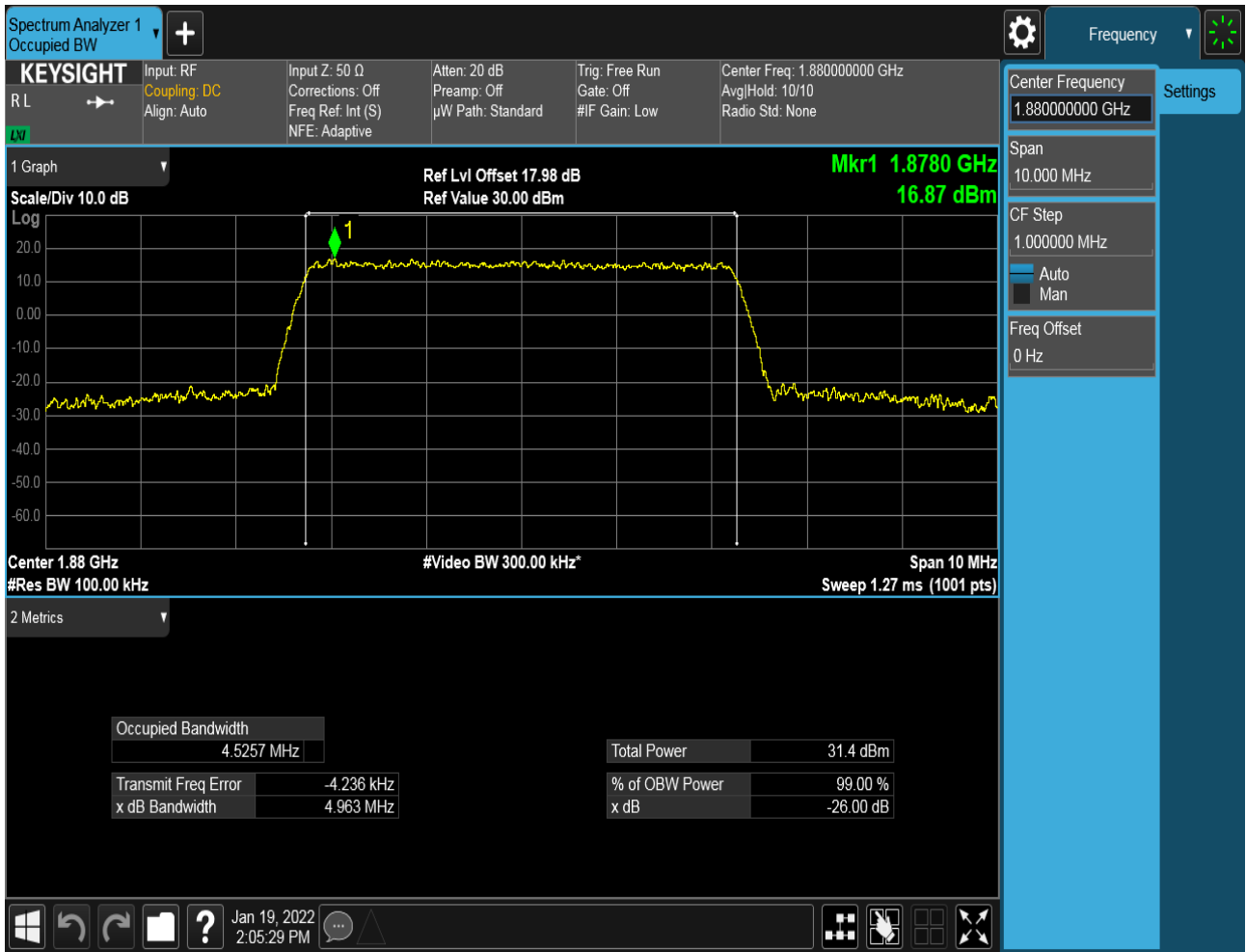
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

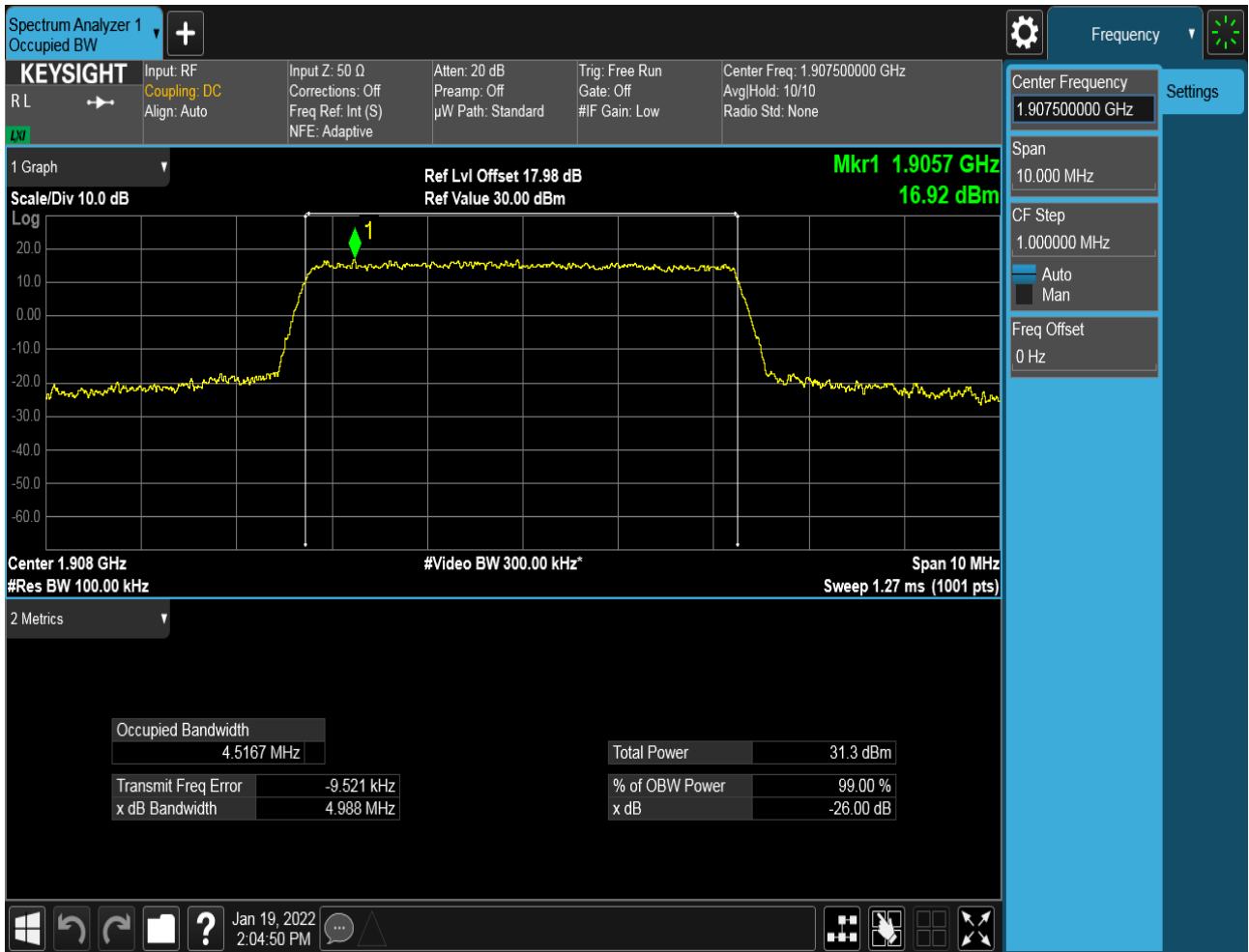
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

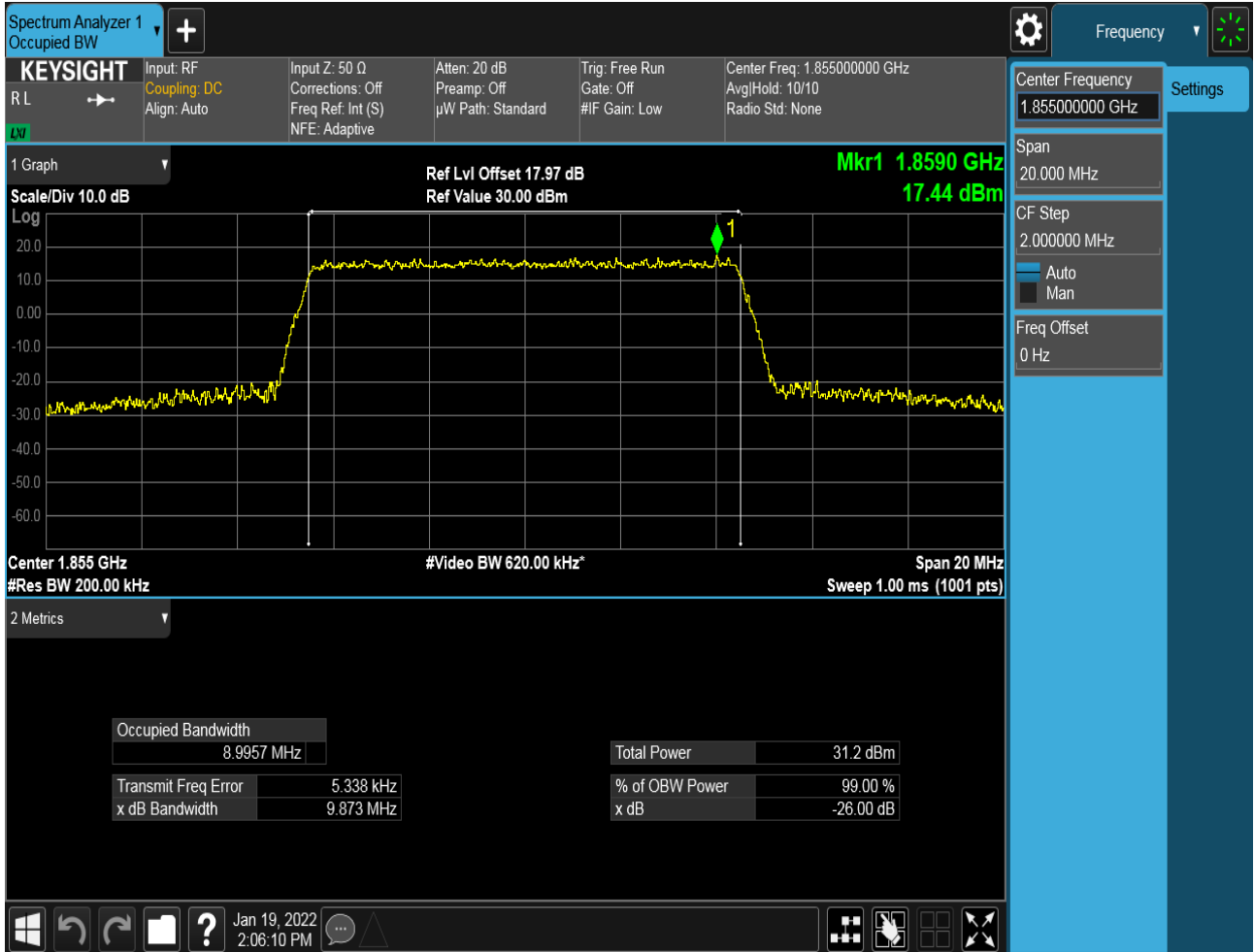




4.1.1.2.4 Test Bandwidth = 10MHz

4.1.1.2.4.1 Test Channel = LCH

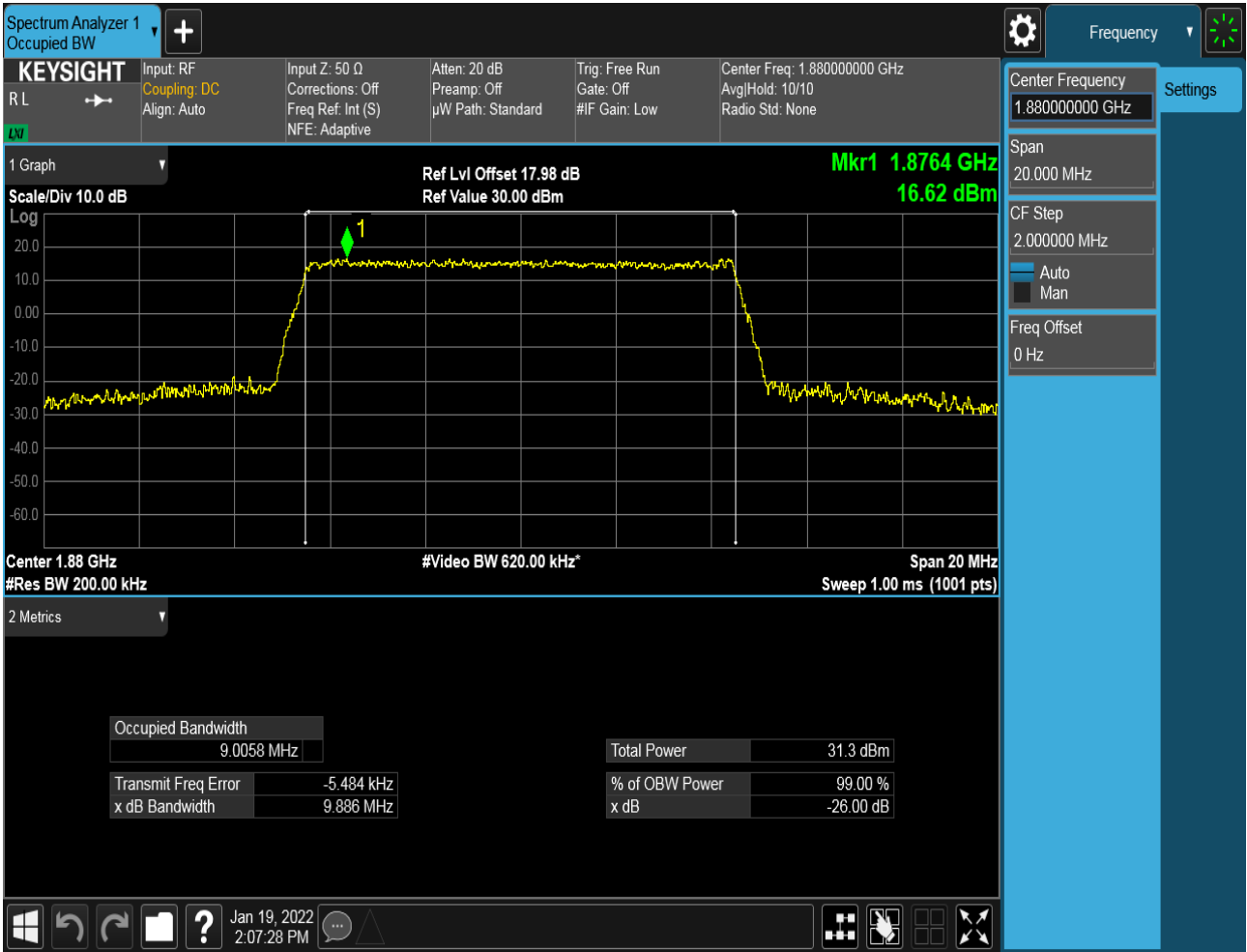
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

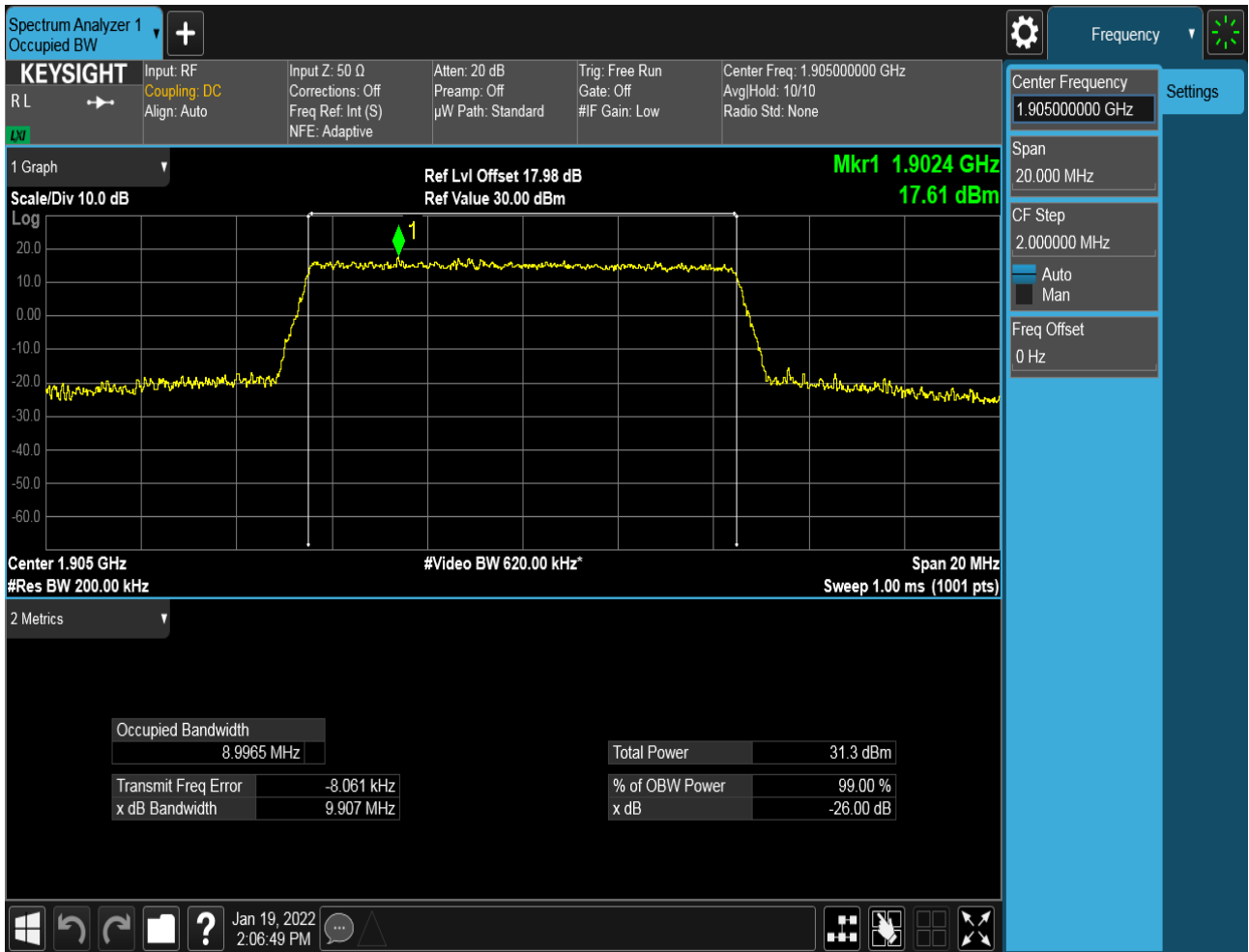
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

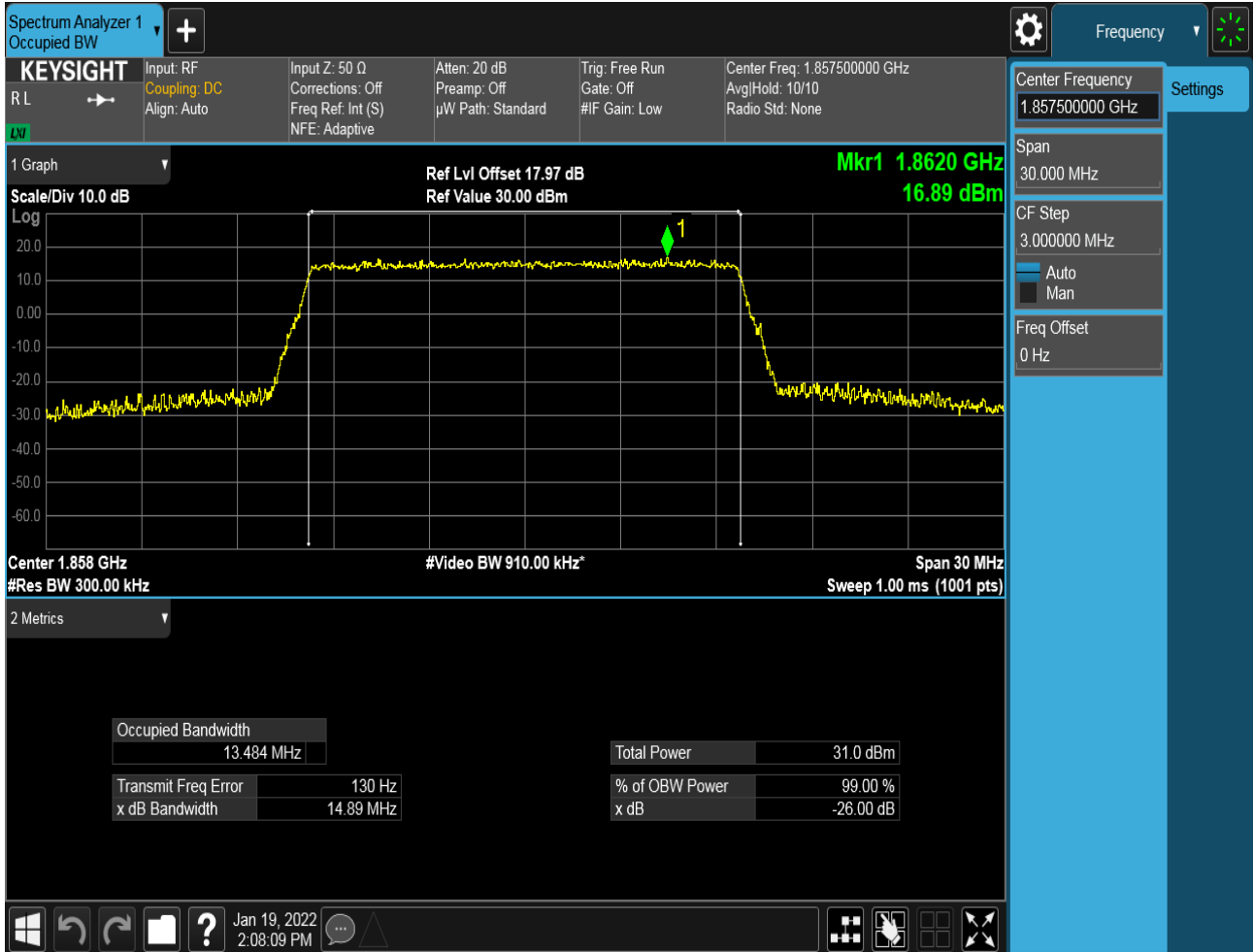




4.1.1.2.5 Test Bandwidth = 15MHz

4.1.1.2.5.1 Test Channel = LCH

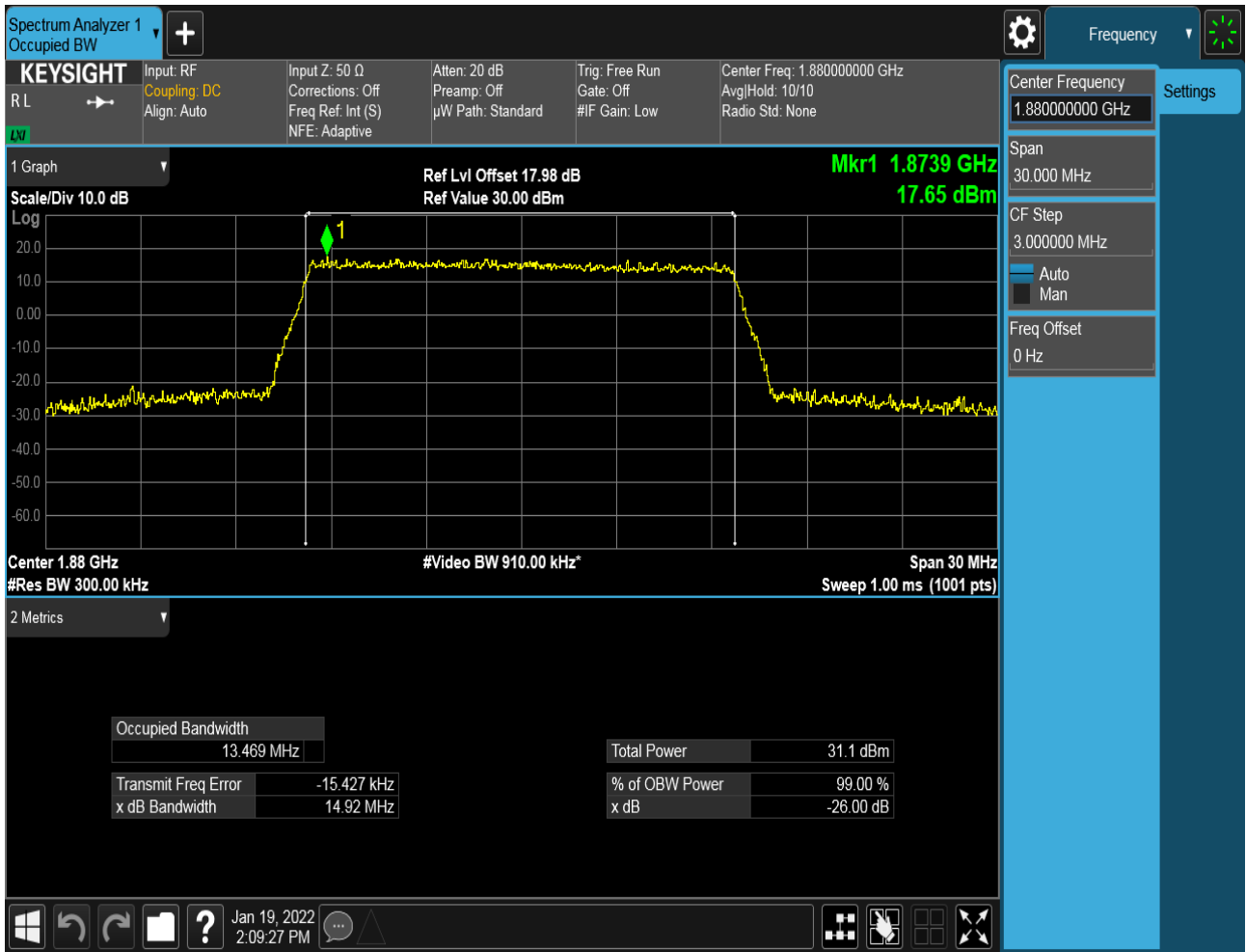
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

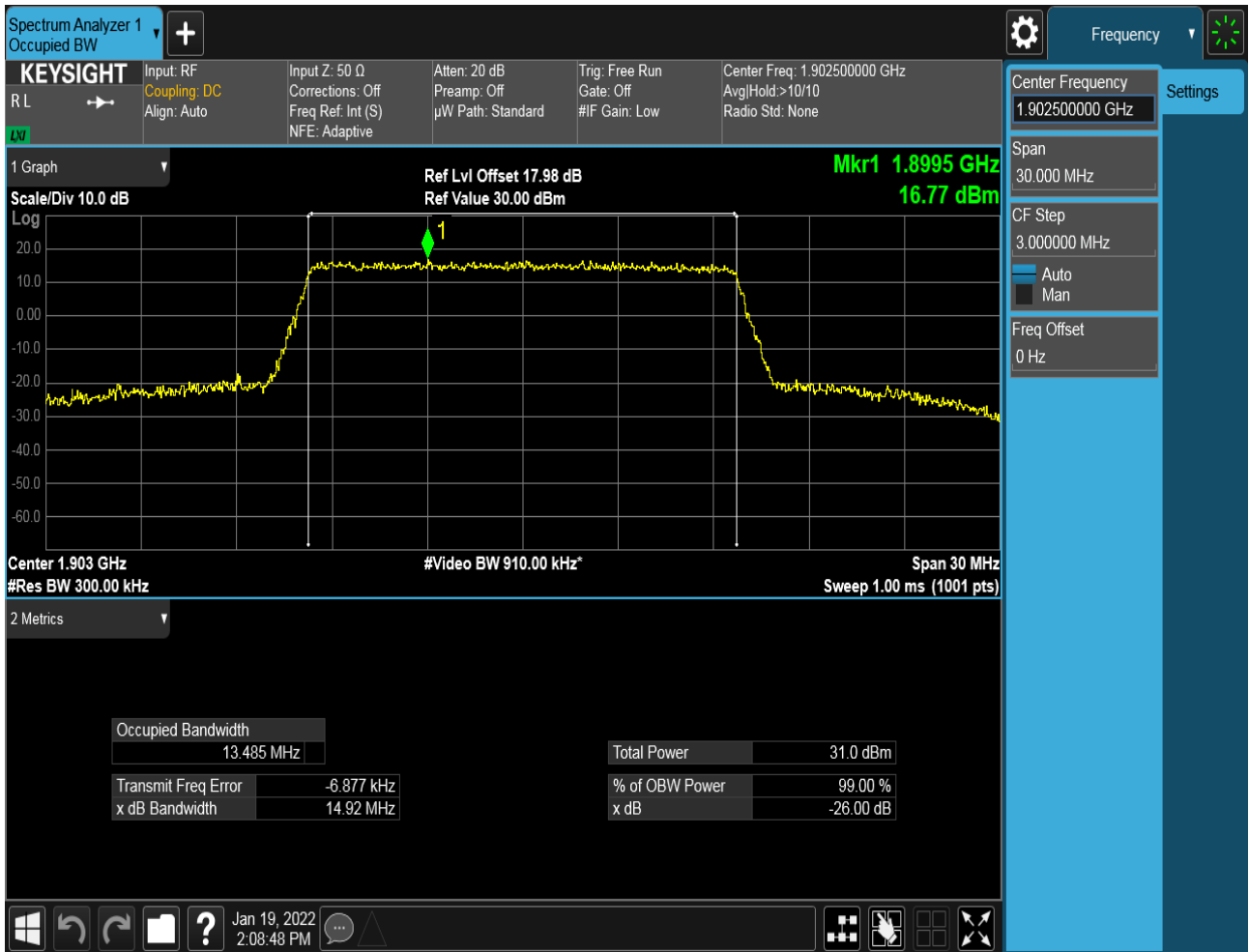
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

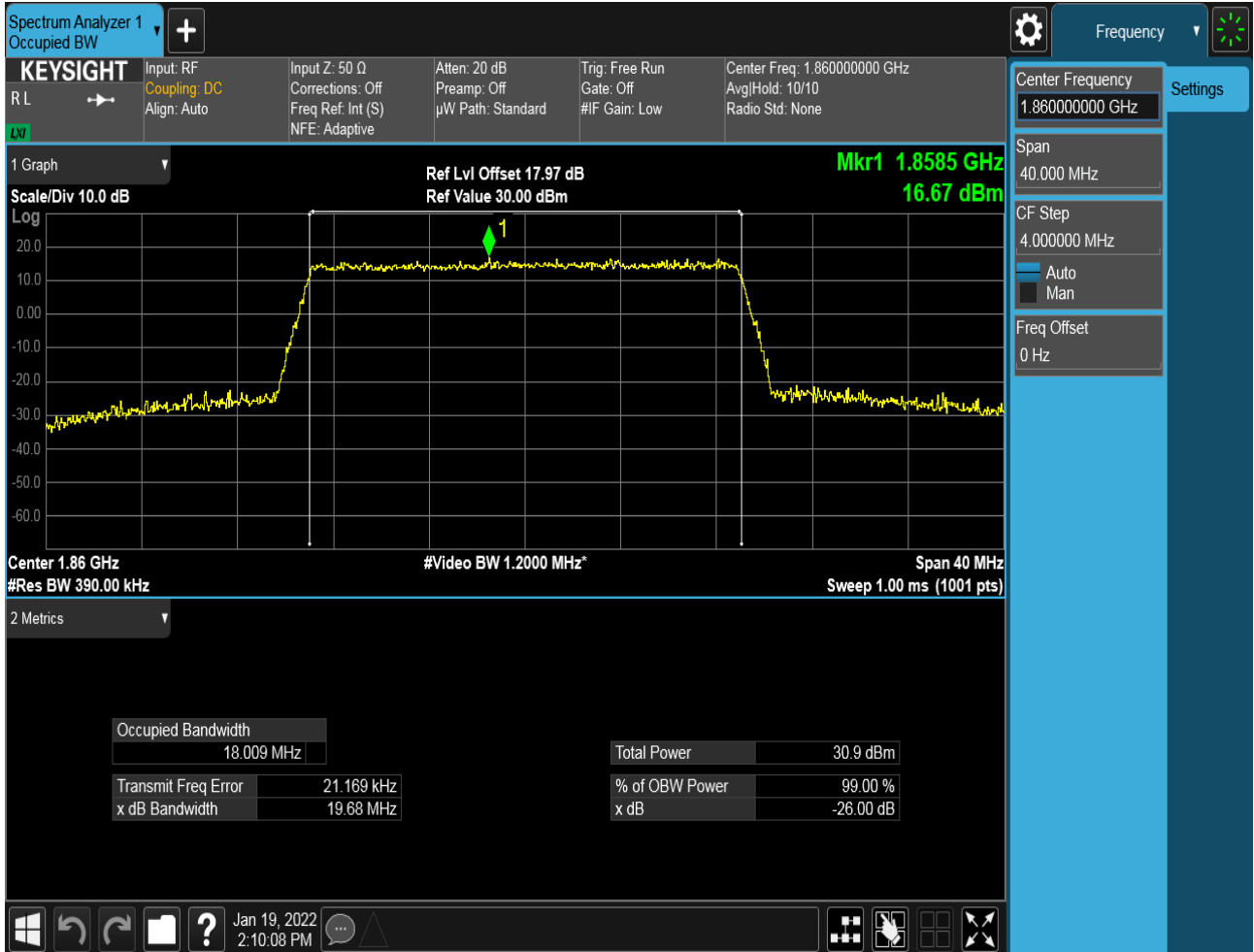




4.1.1.2.6 Test Bandwidth = 20MHz

4.1.1.2.6.1 Test Channel = LCH

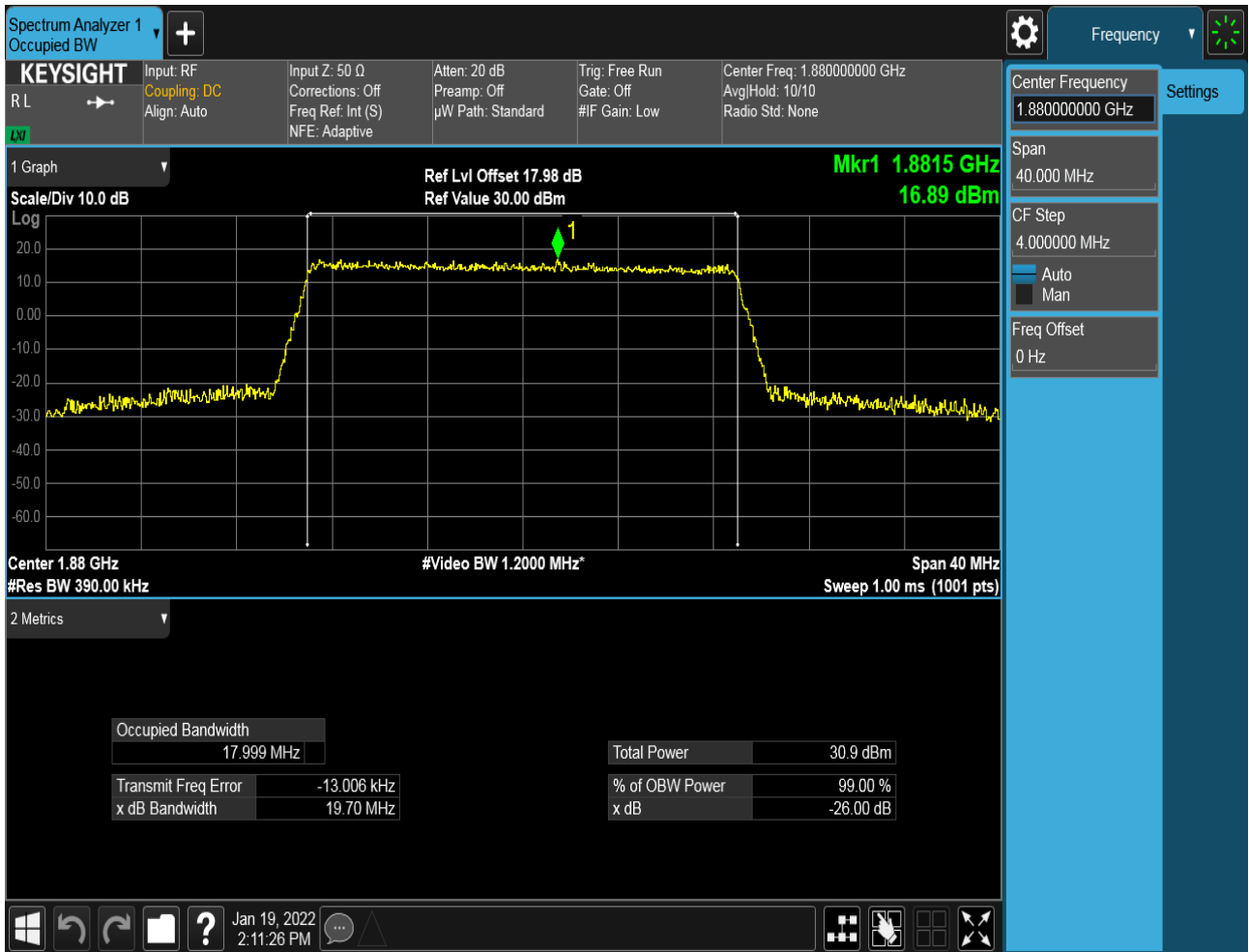
4.1.1.2.6.1.1 Test RB = RB100#0





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

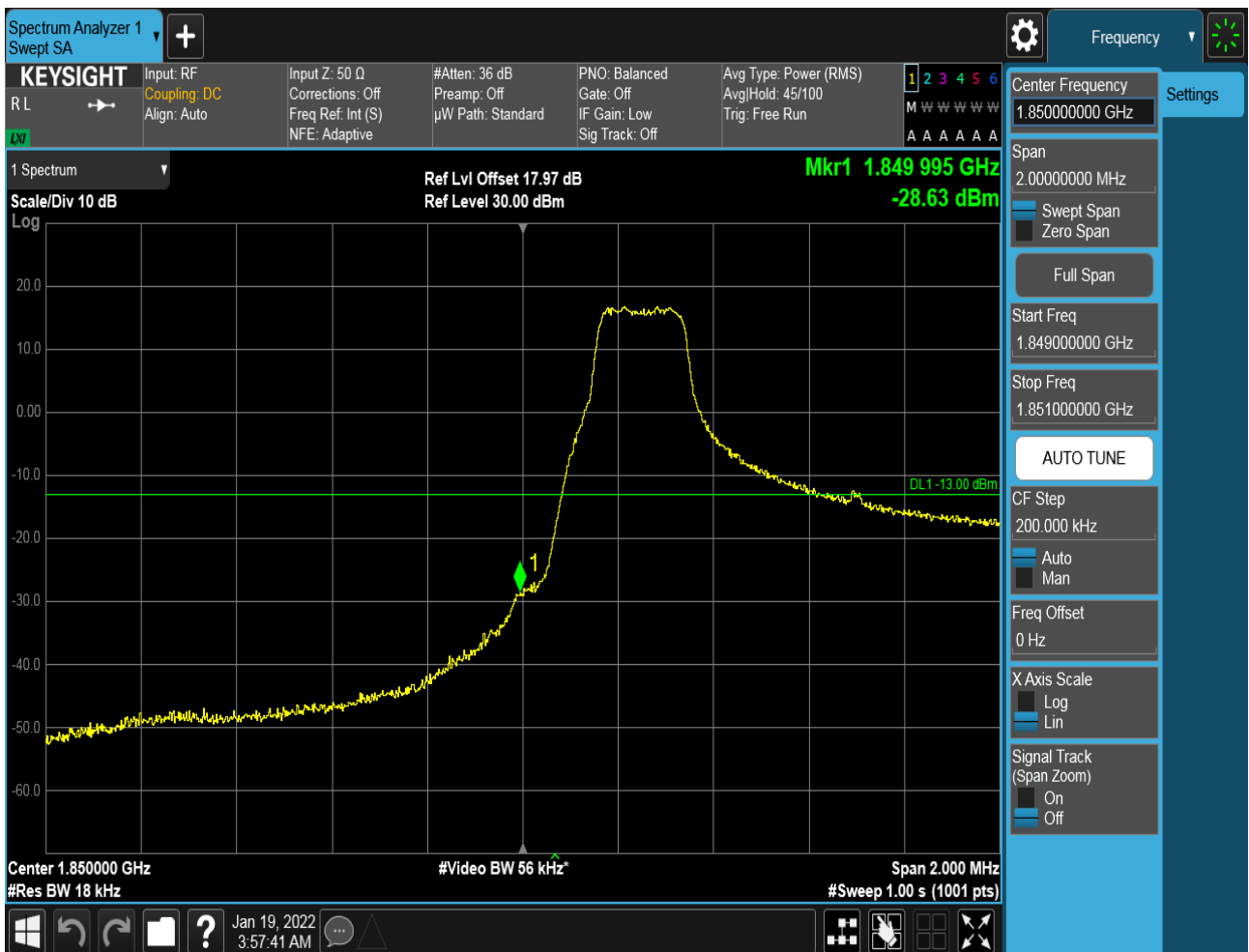
5.1.1 Test Band = Band2

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



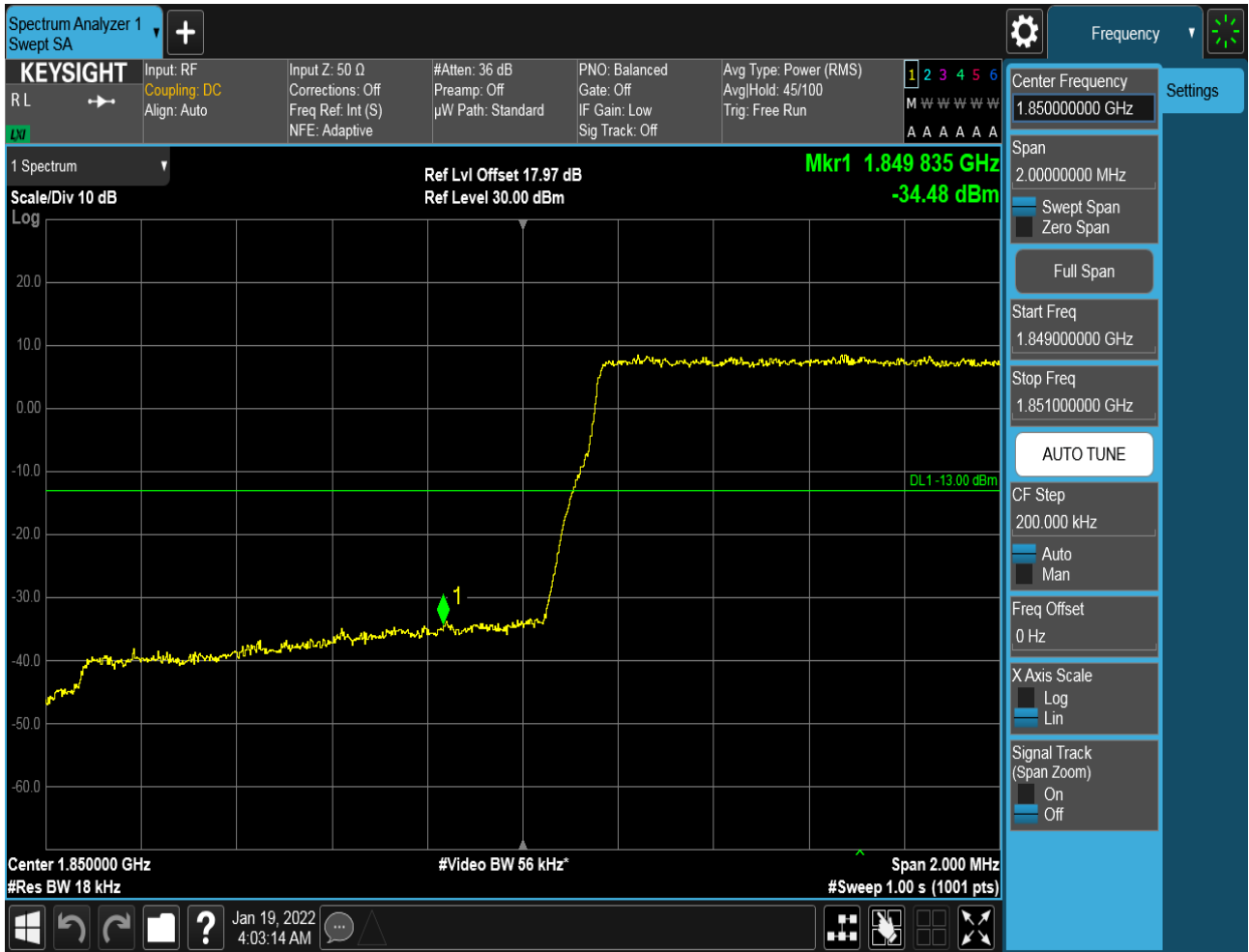


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





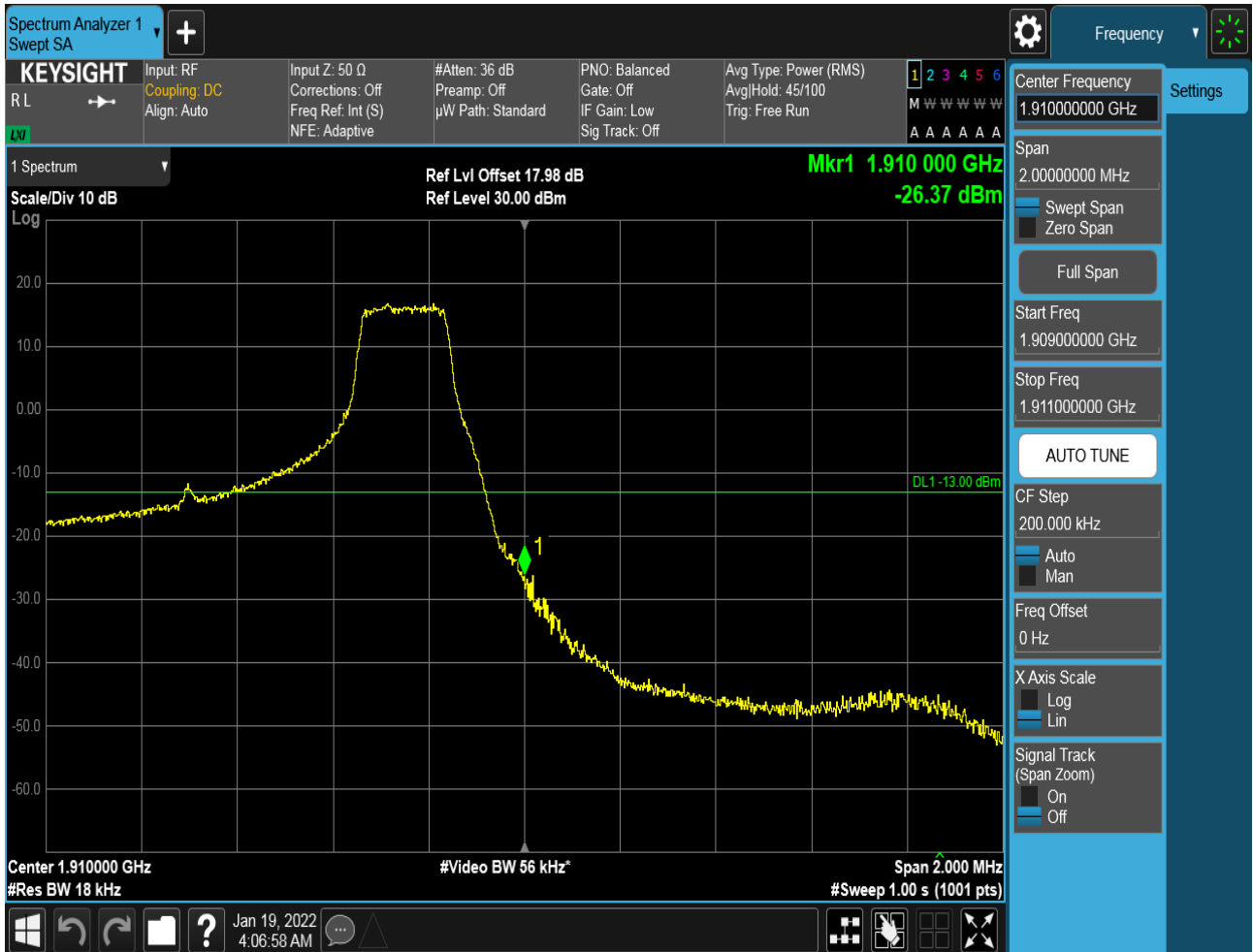
5.1.1.1.1.2 Test Channel = HCH

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

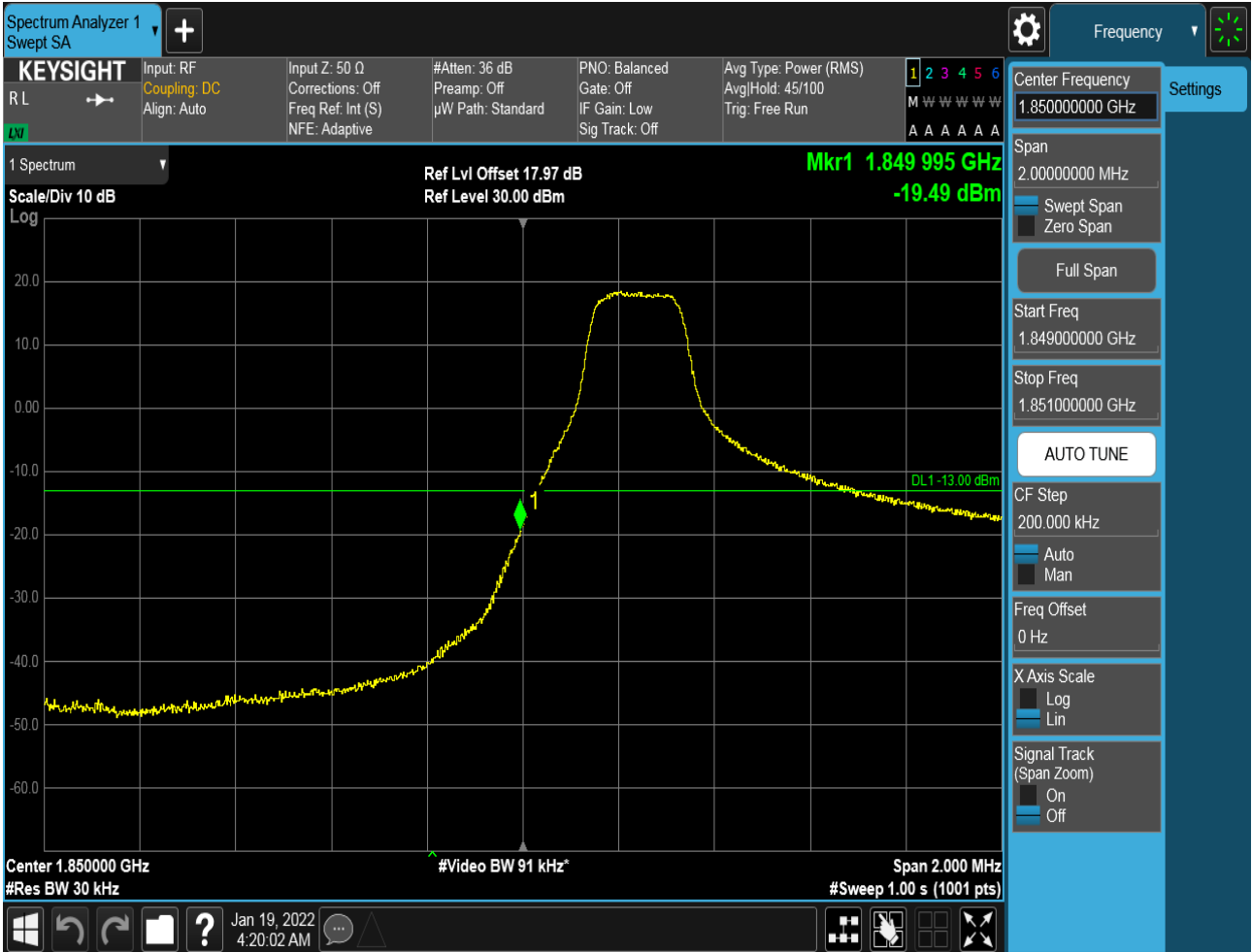




5.1.1.1.2 Test Bandwidth = 3MHz

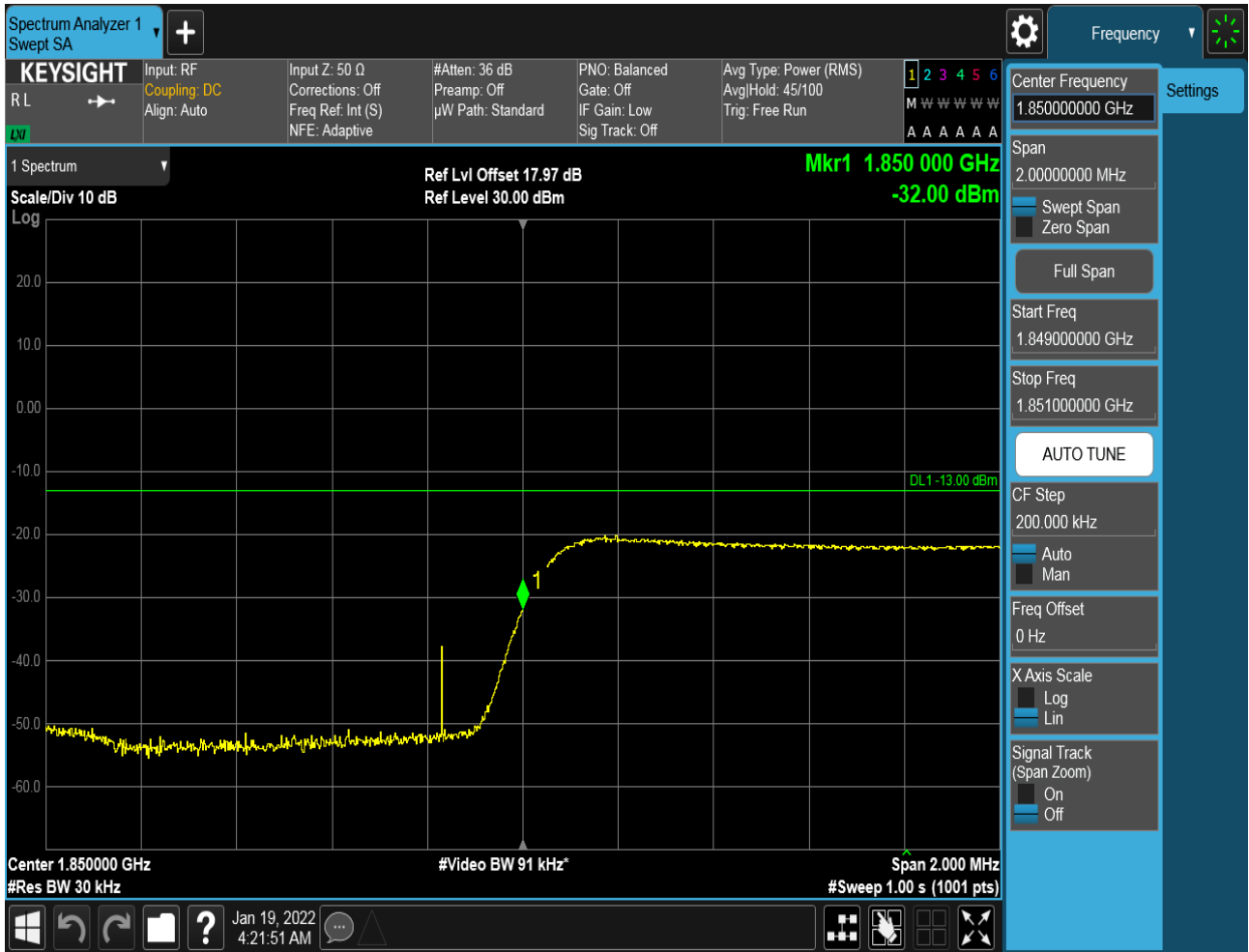
5.1.1.1.2.1 Test Channel = LCH

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





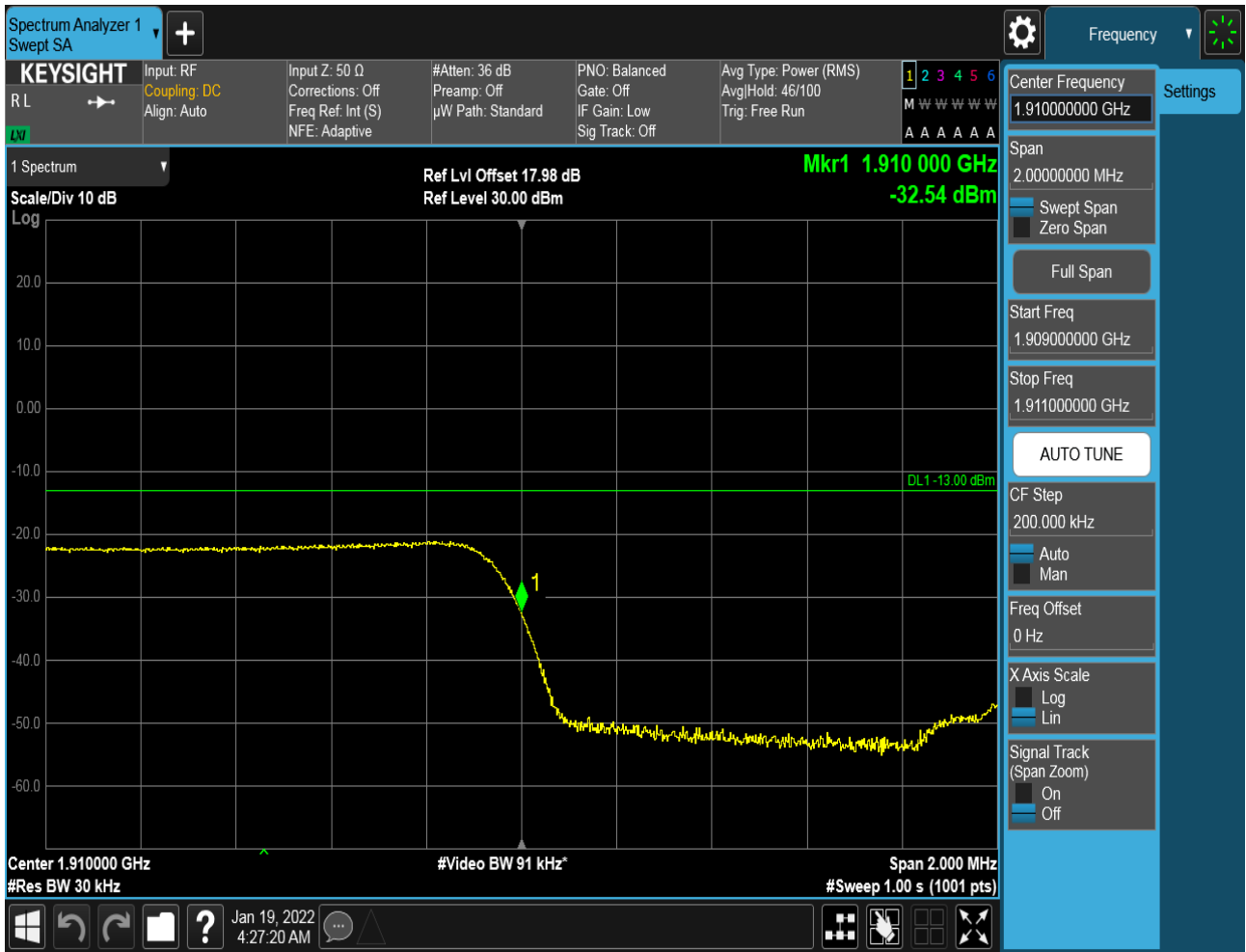
5.1.1.1.2.1.4 Test RB = RB15#0





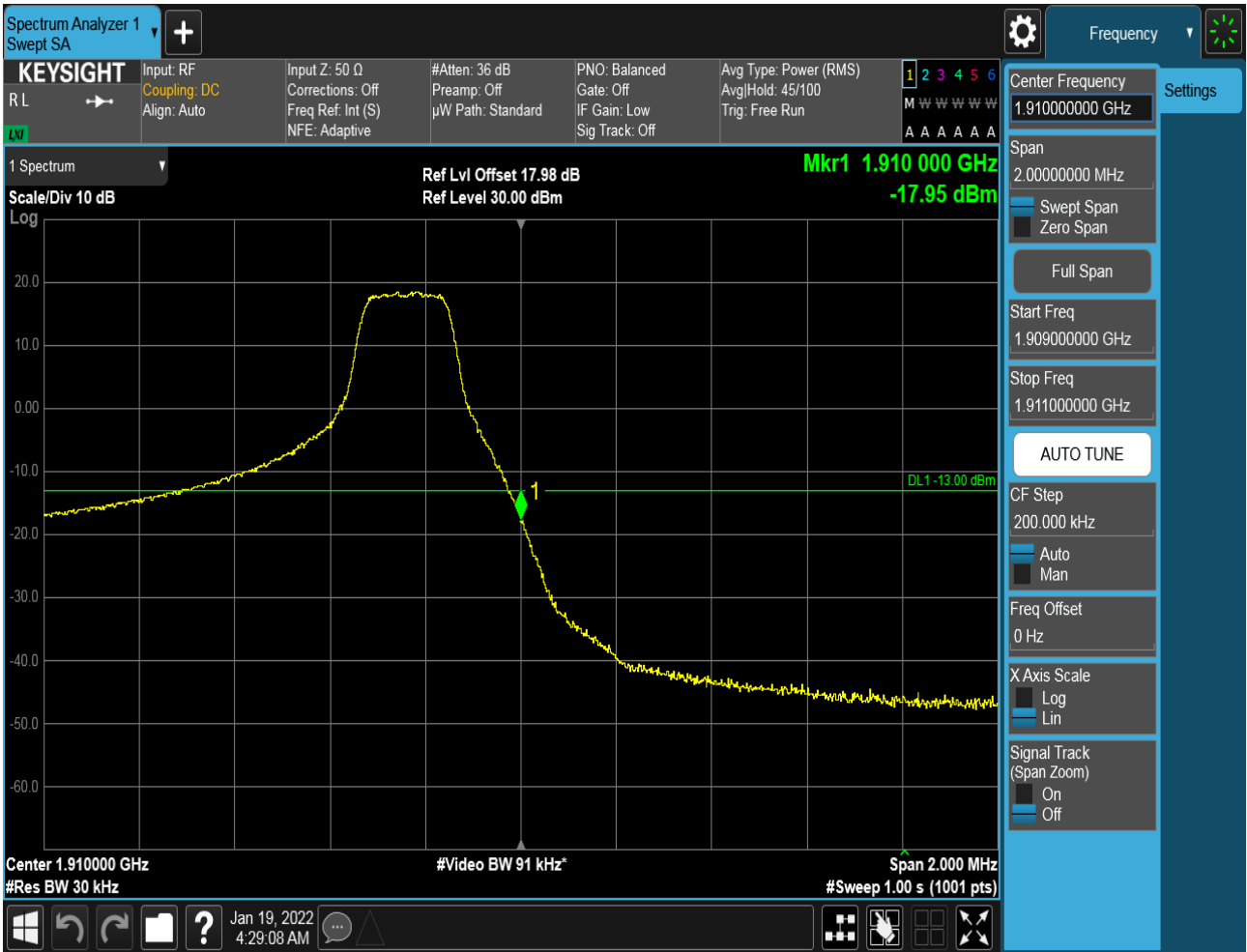
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



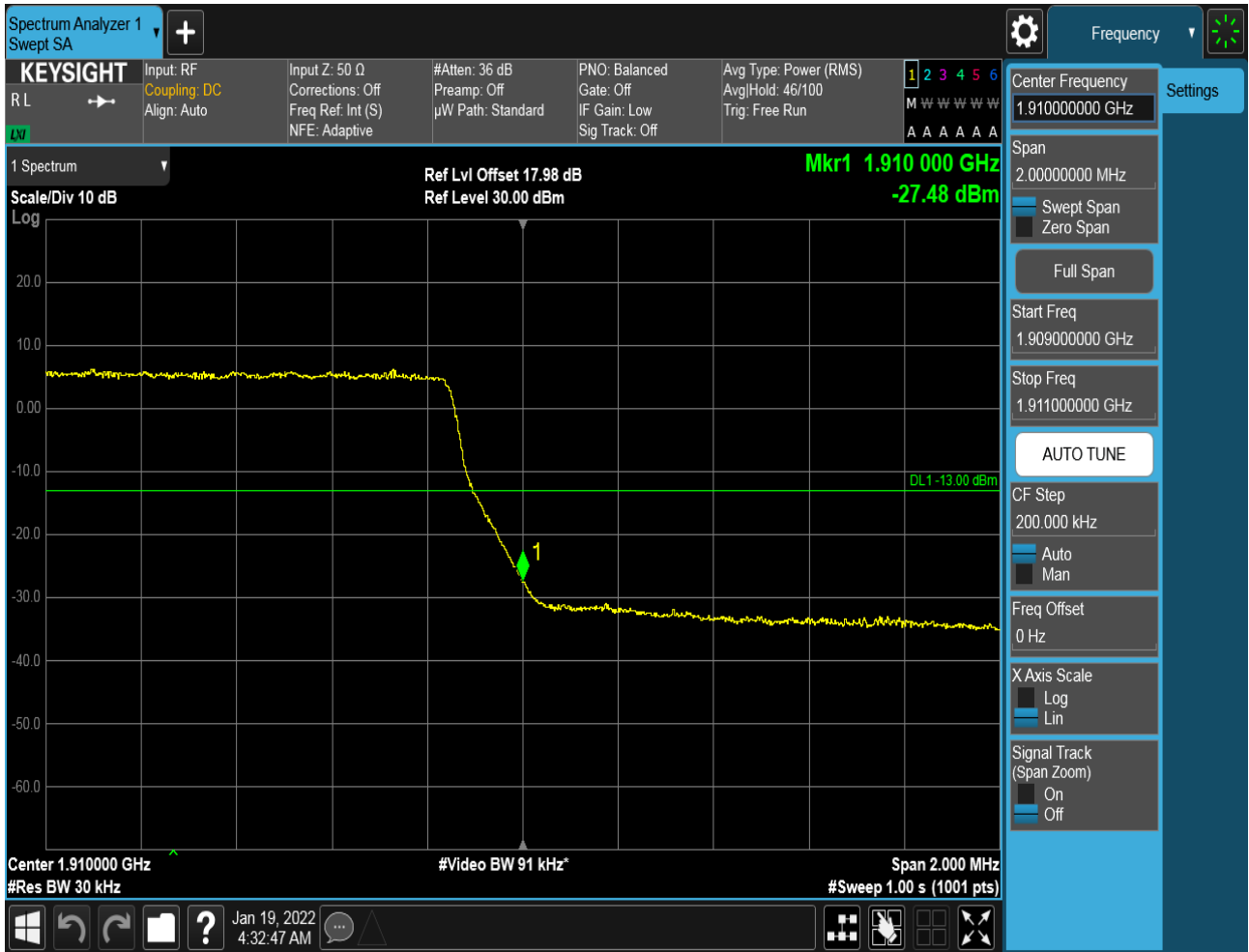


5.1.1.1.2.2.3 Test RB = RB#4





5.1.1.1.2.2.4 Test RB = RB15#0

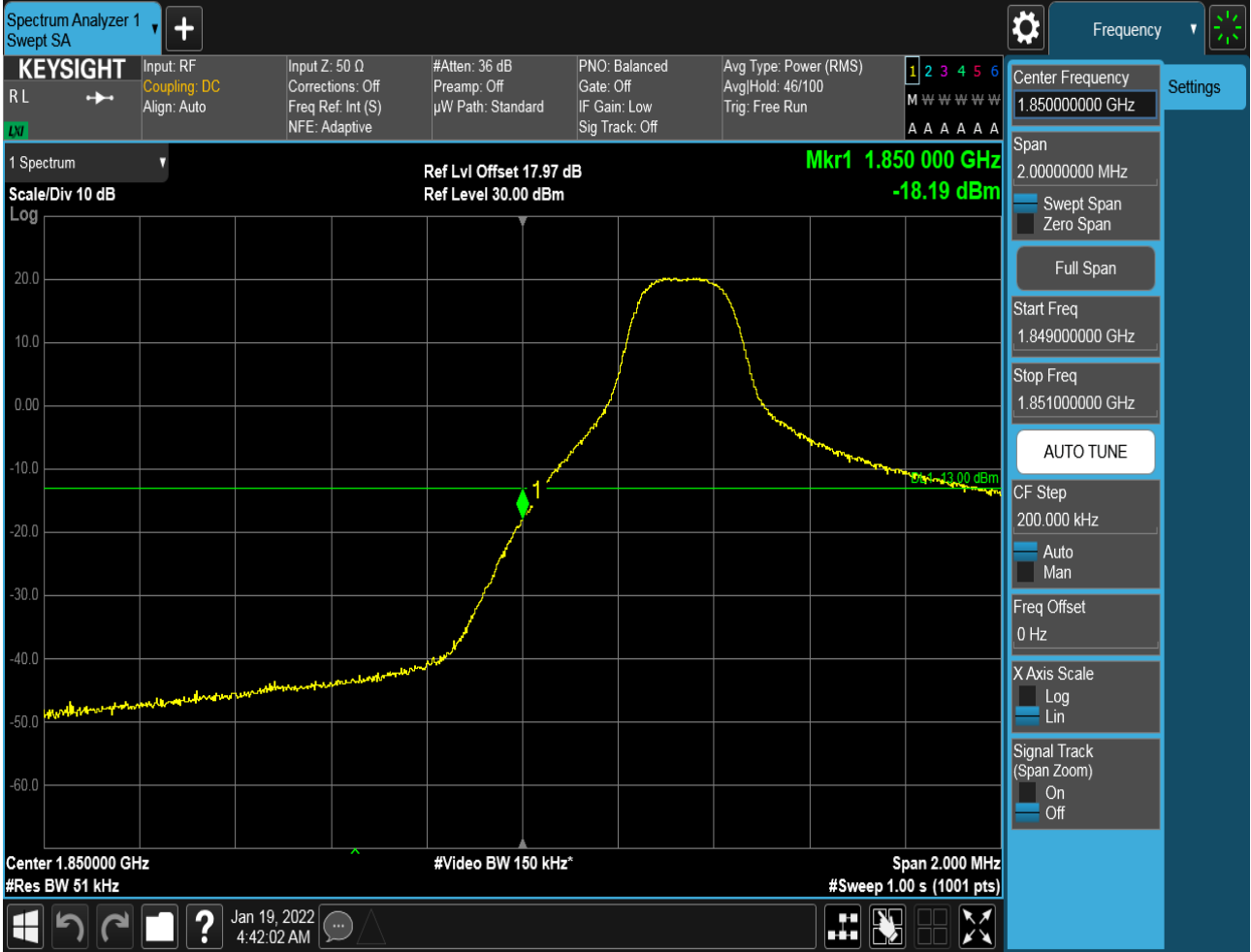




5.1.1.1.3 Test Bandwidth = 5MHz

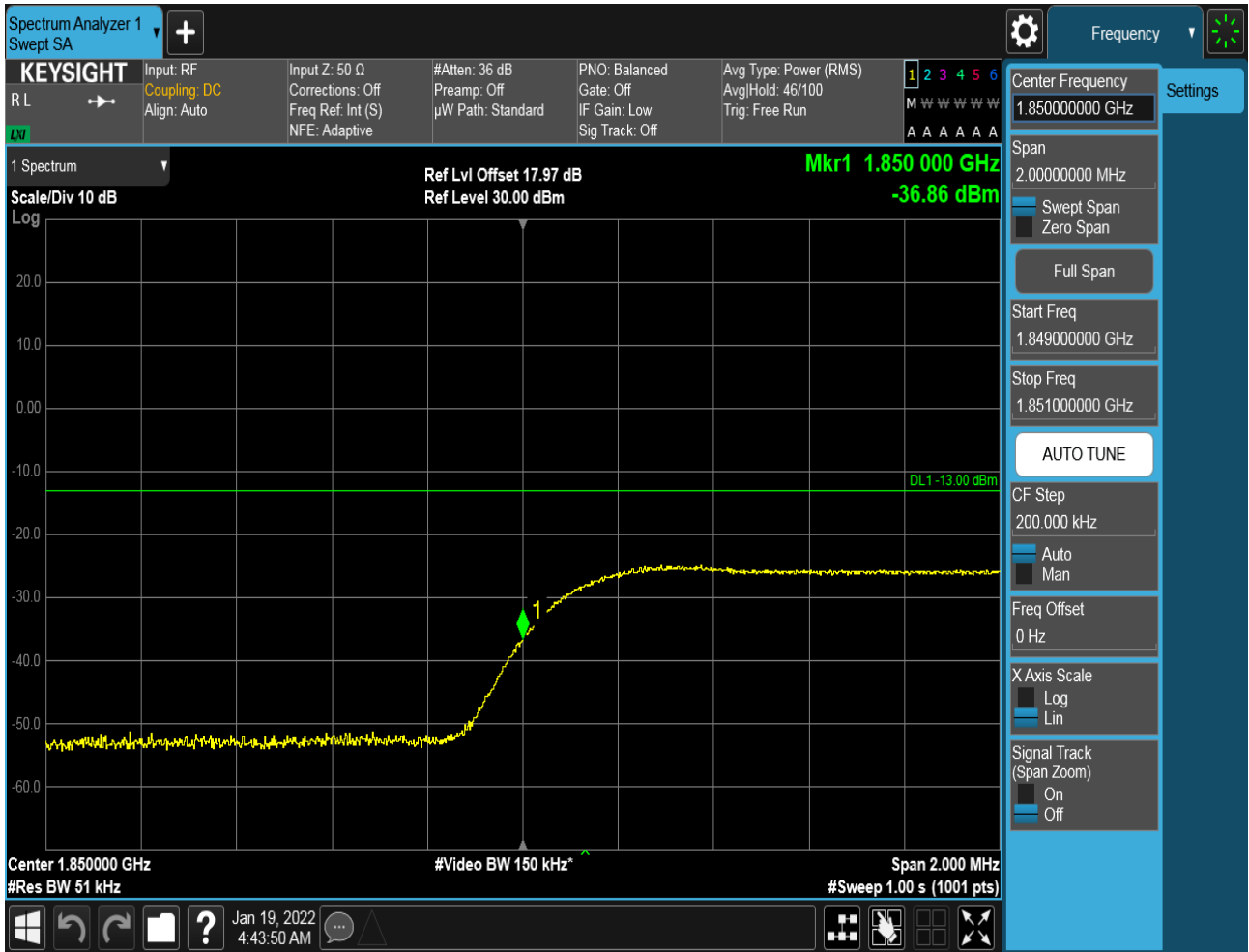
5.1.1.1.3.1 Test Channel = LCH

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





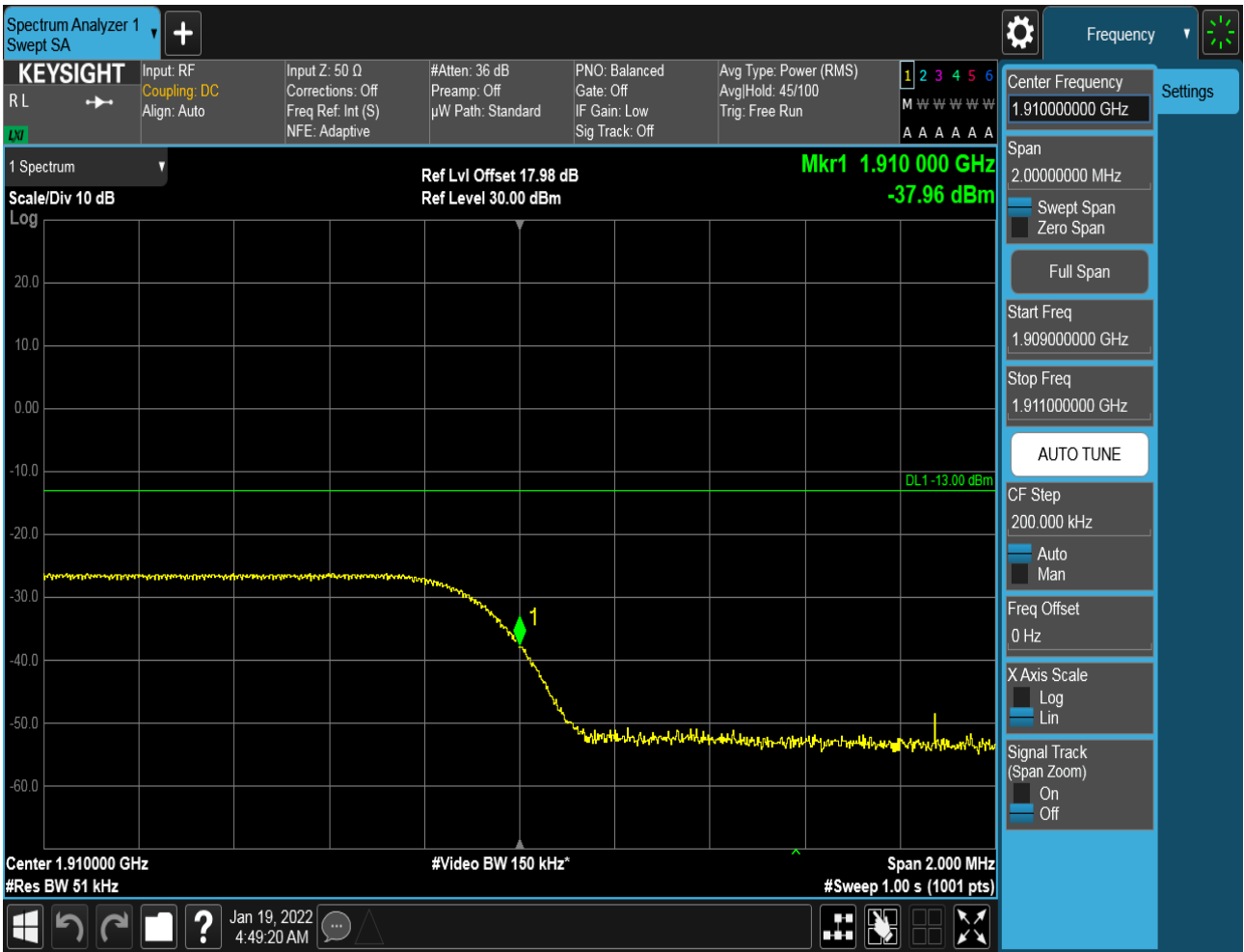
5.1.1.1.3.1.4 Test RB = RB25#0





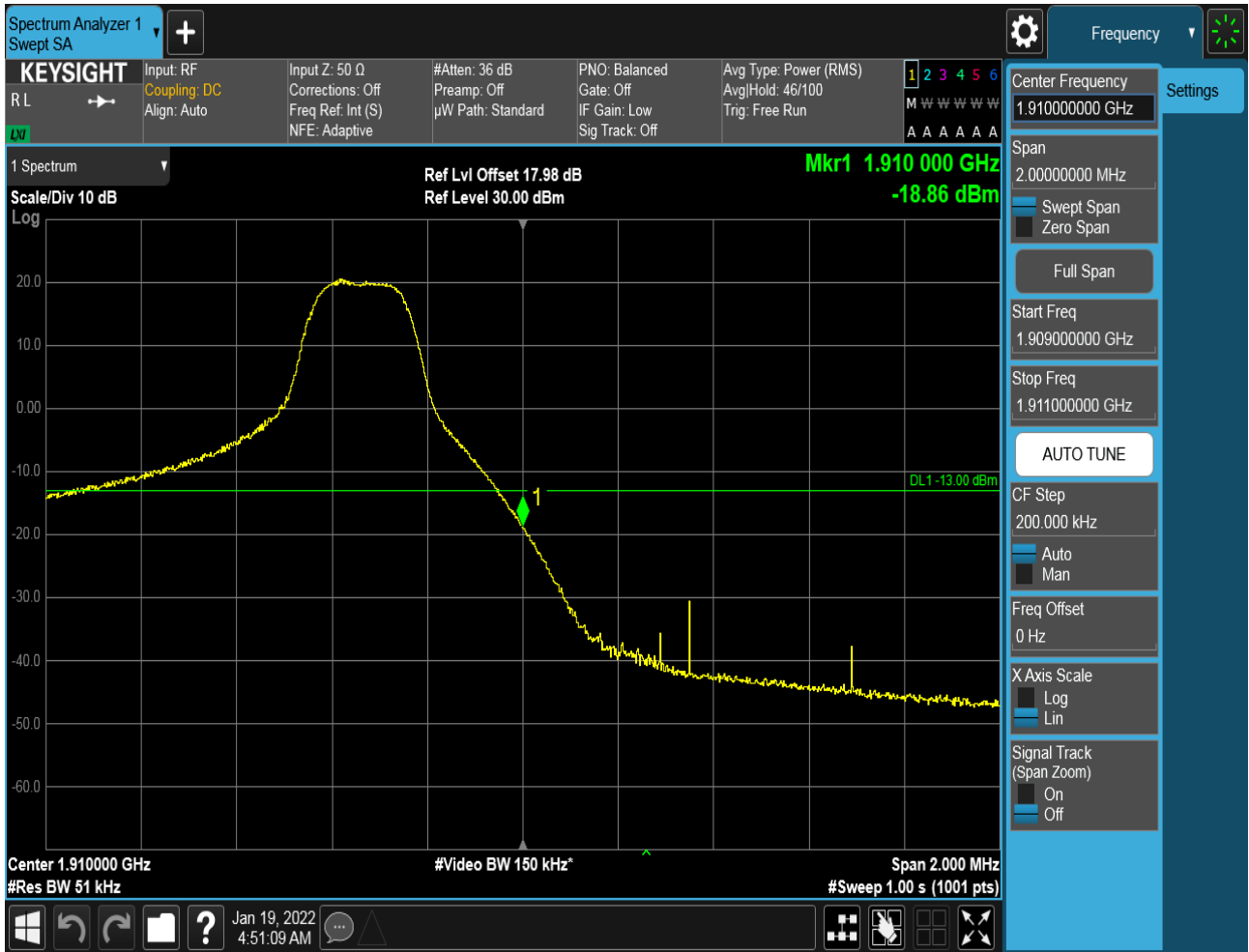
5.1.1.1.3.2 Test Channel = HCH

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

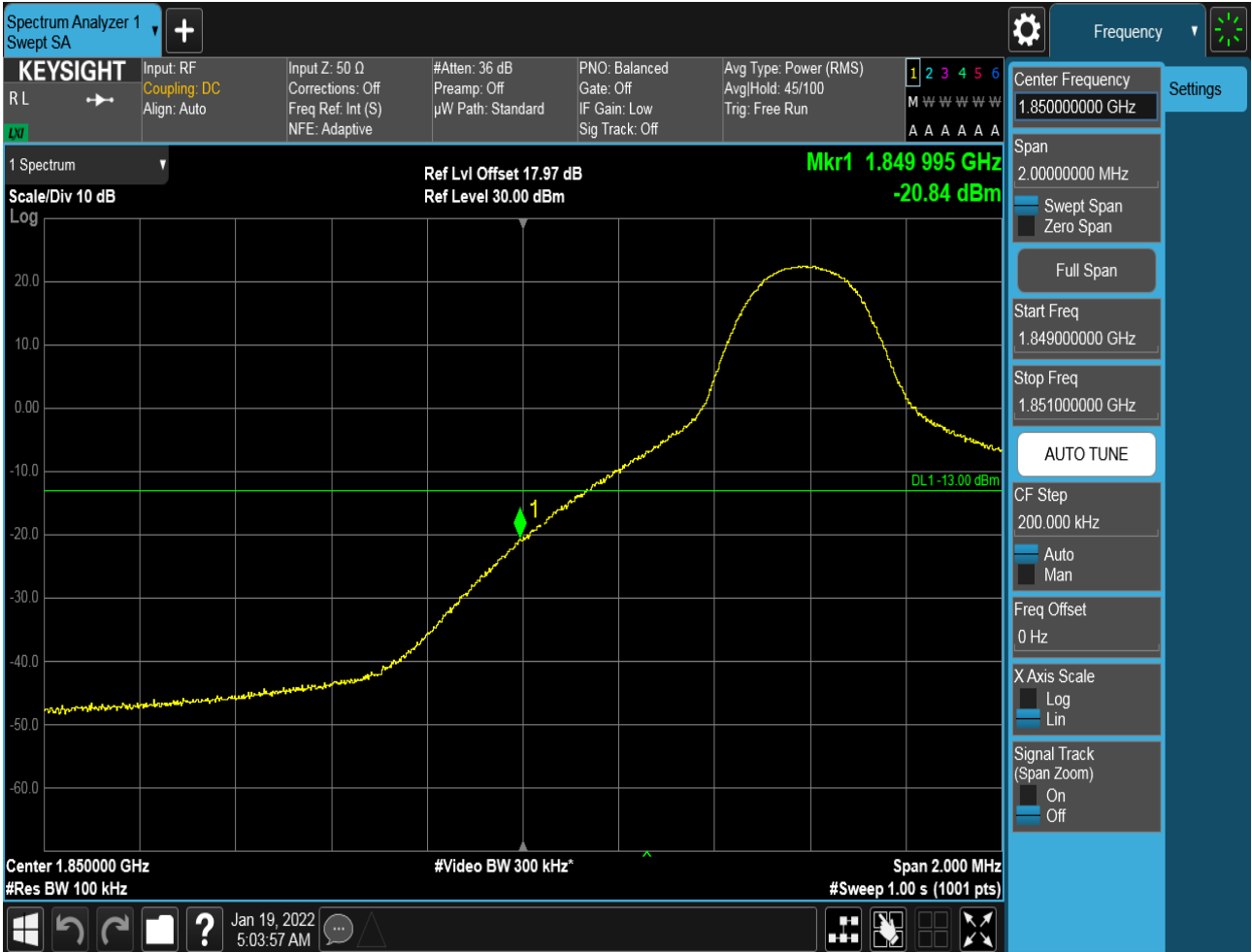




5.1.1.1.4 Test Bandwidth = 10MHz

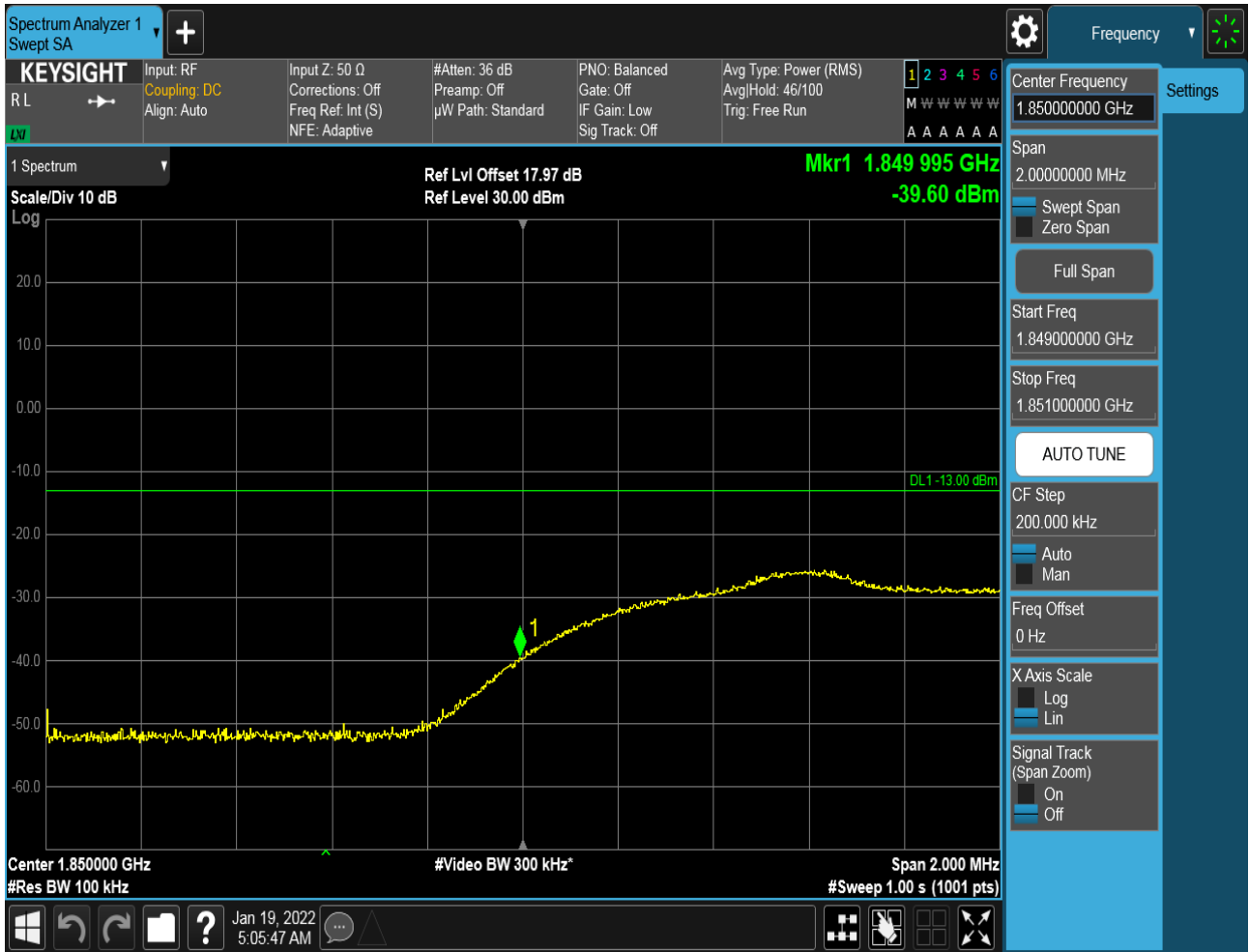
5.1.1.1.4.1 Test Channel = LCH

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





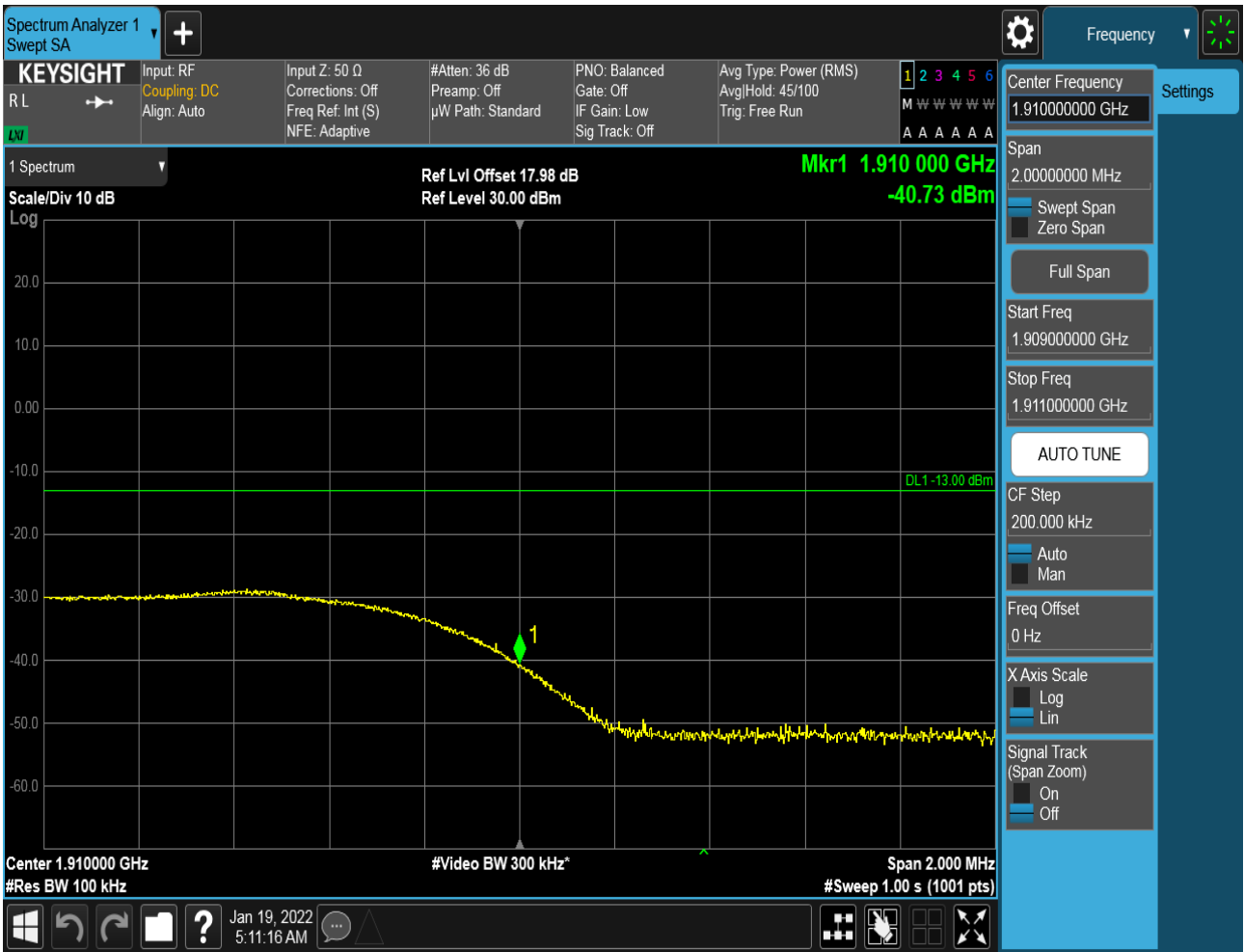
5.1.1.1.4.1.4 Test RB = RB50#0





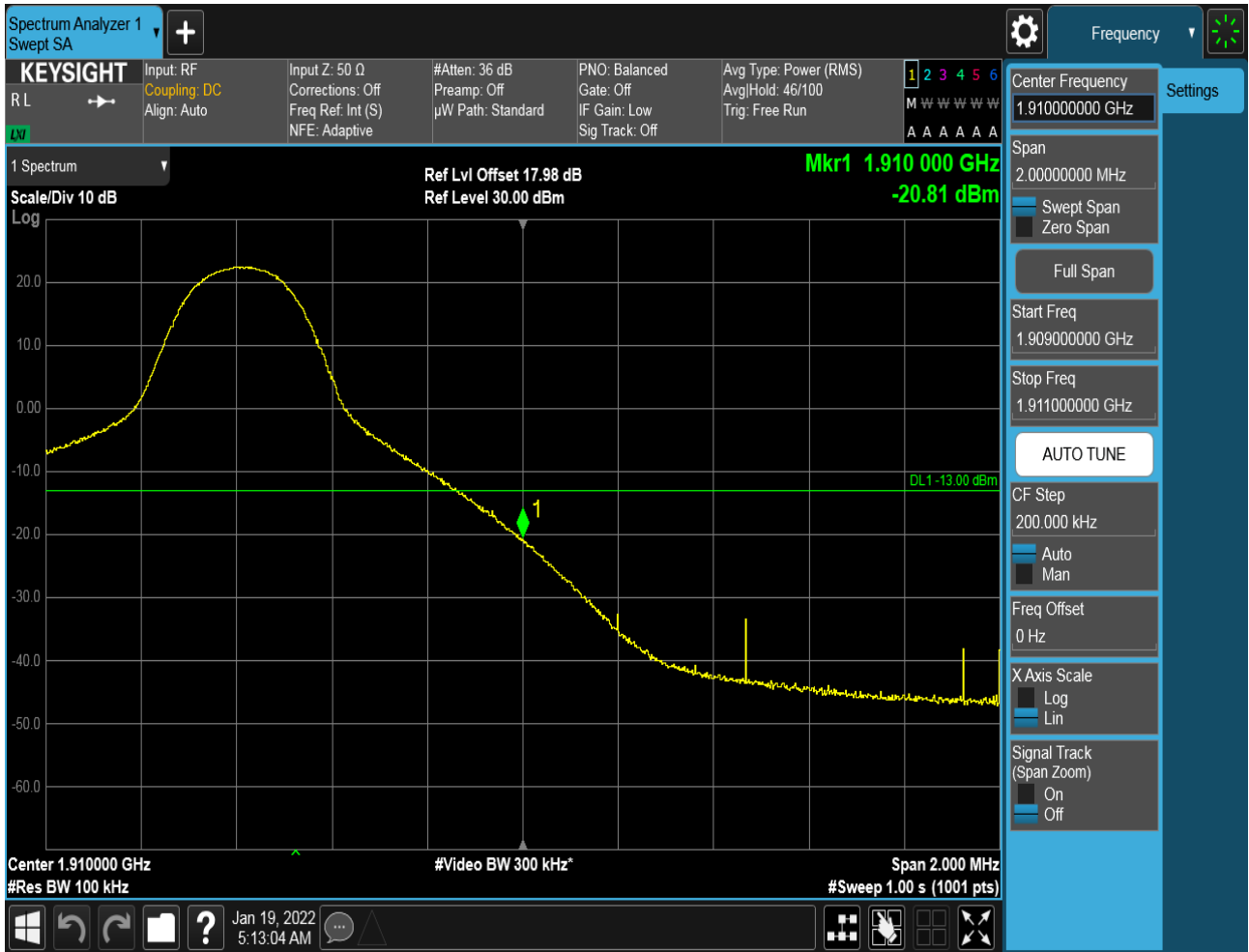
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



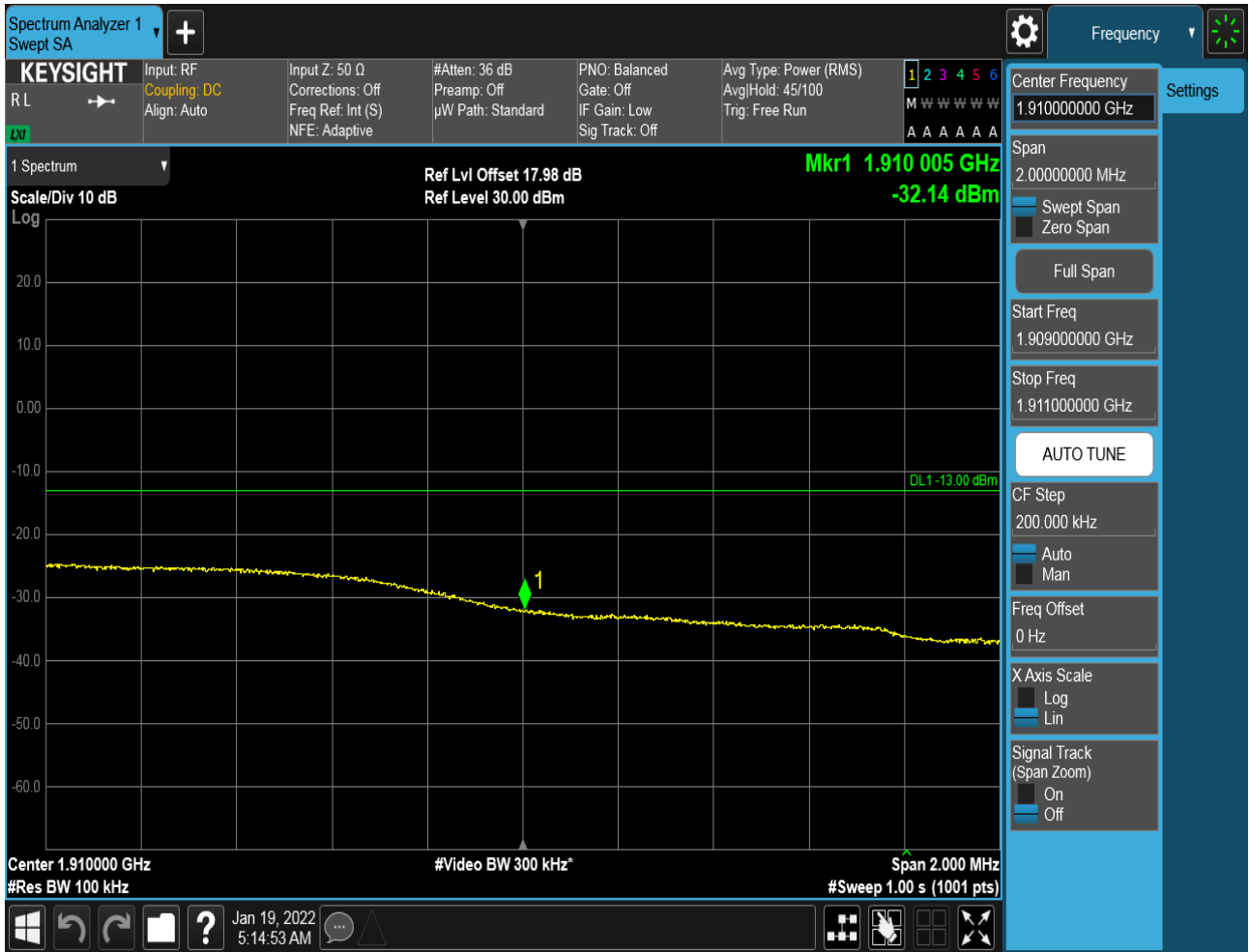


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

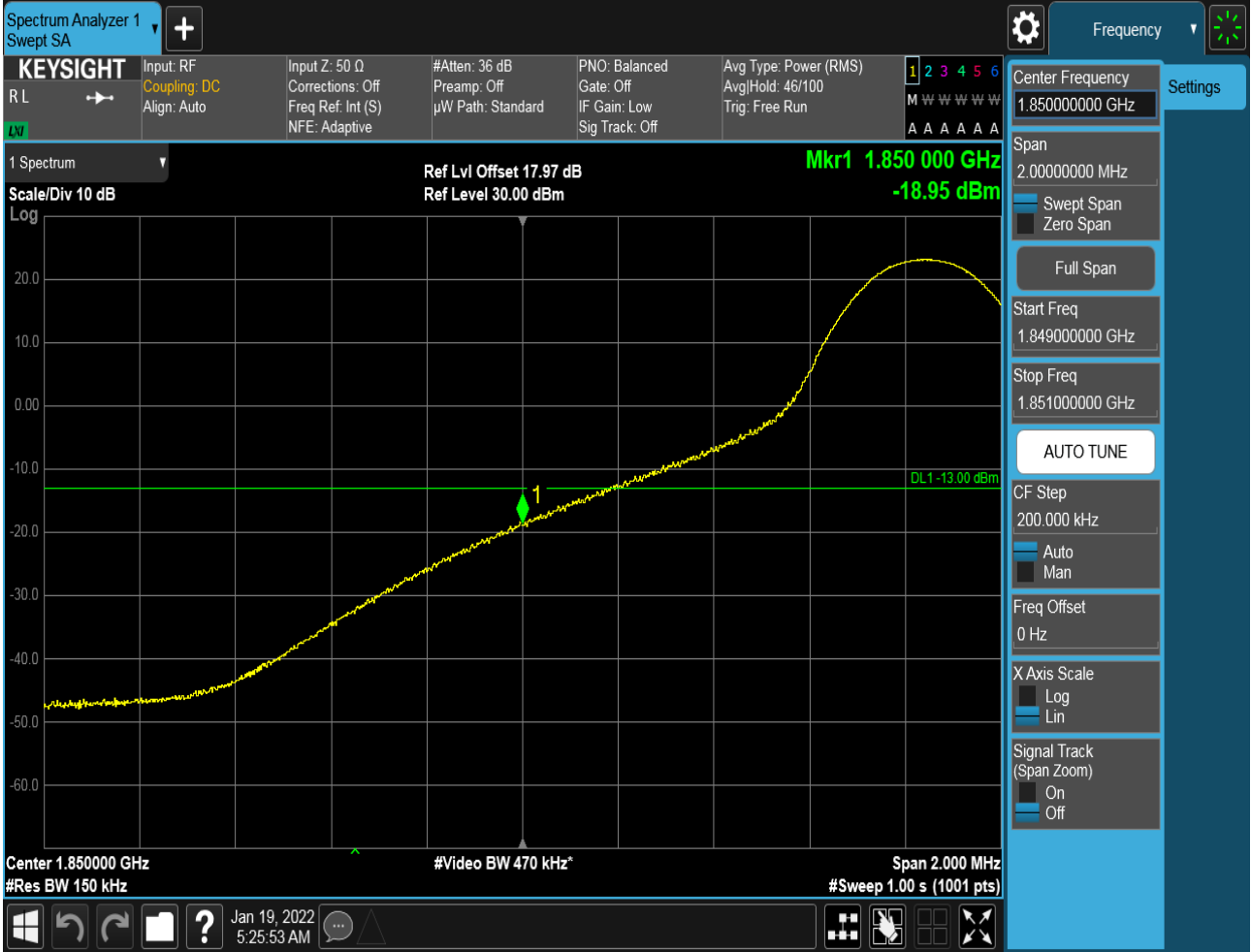




5.1.1.1.5 Test Bandwidth = 15MHz

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



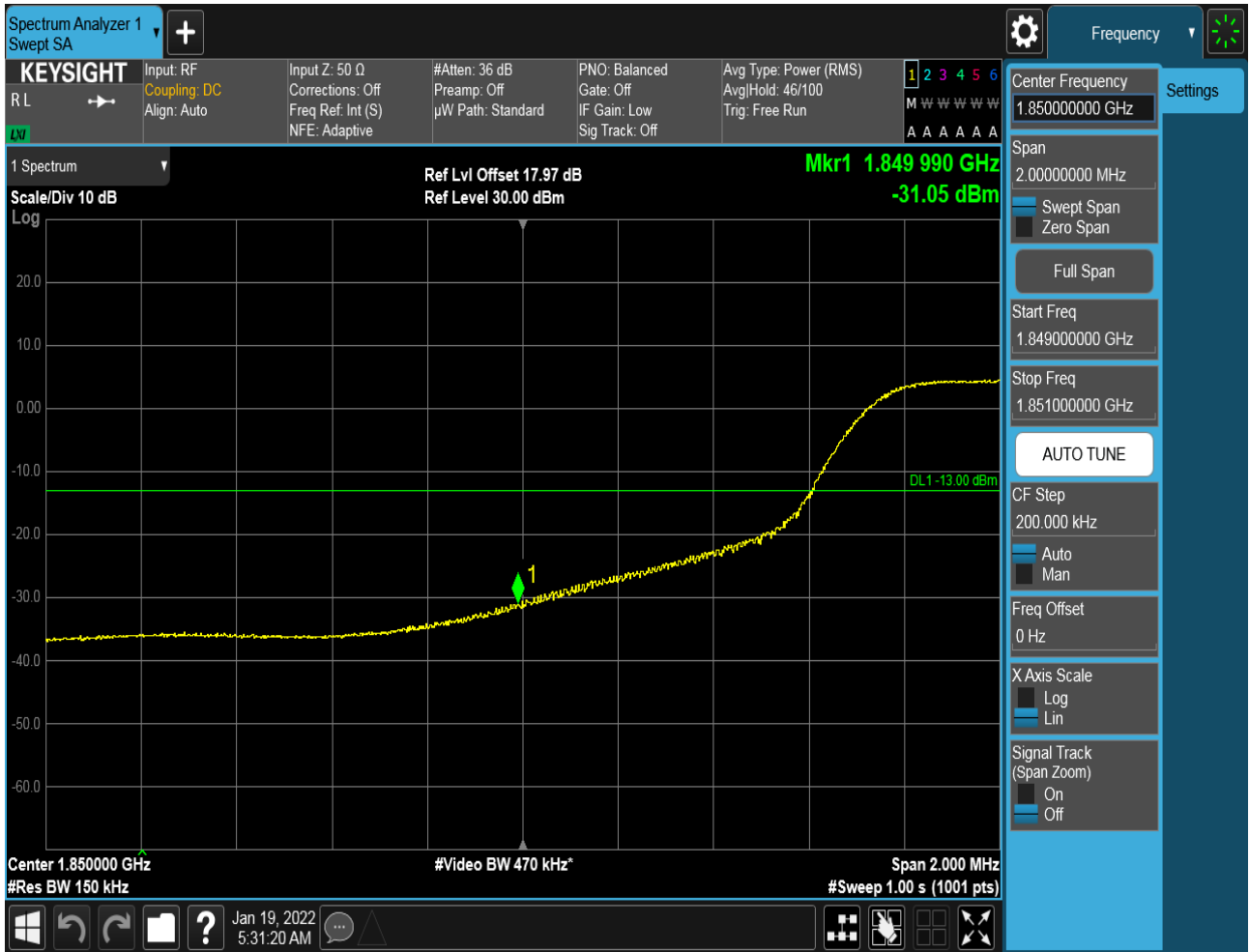


5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





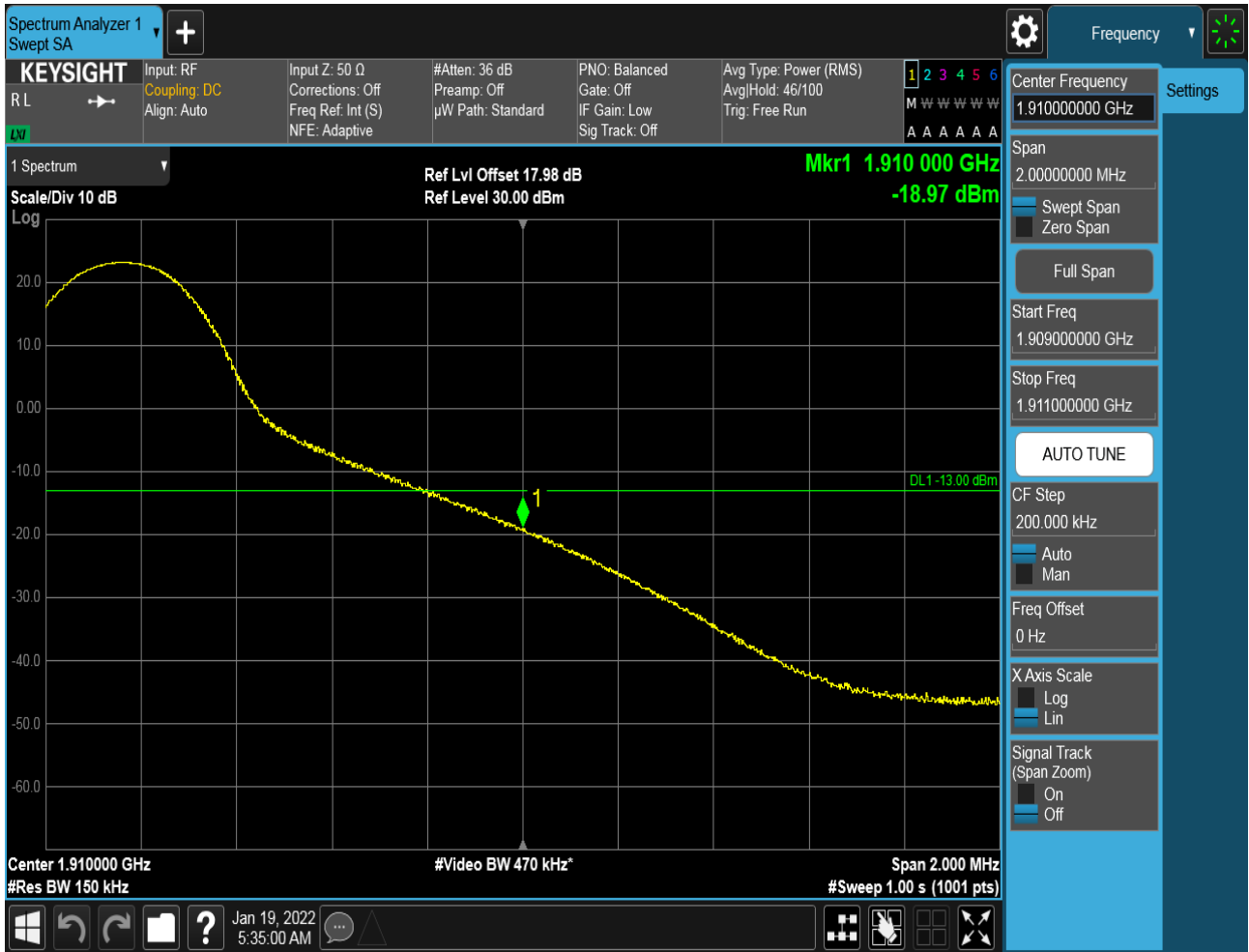
5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



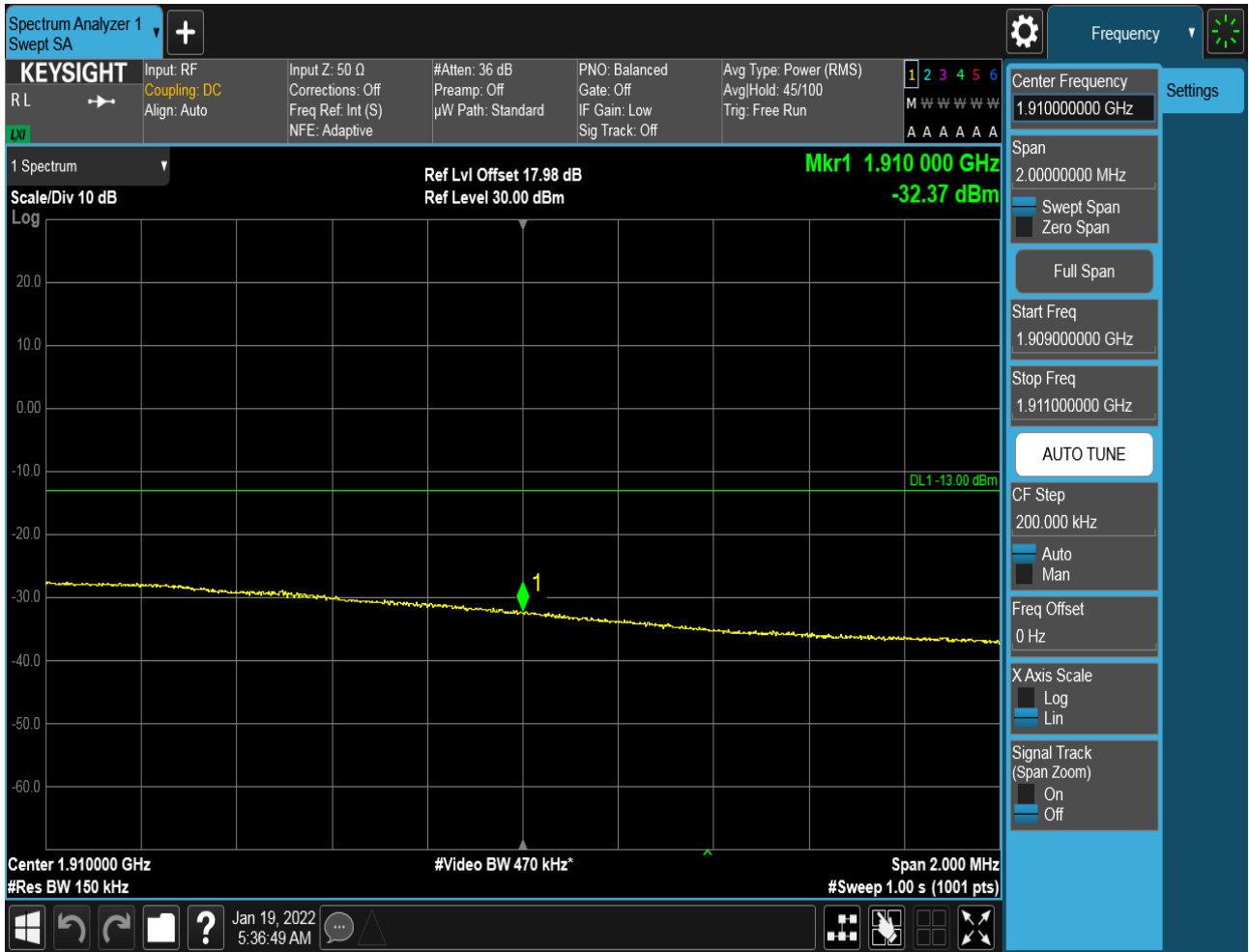


5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

