



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	23.46	24.46	30	PASS
				RB1#3	23.09	24.09	30	PASS
				RB1#5	23.51	24.51	30	PASS
				RB3#0	23.36	24.36	30	PASS
				RB3#2	22.97	23.97	30	PASS
				RB3#3	23.32	24.32	30	PASS
				RB6#0	22.34	23.34	30	PASS
			MCH	RB1#0	23.47	24.47	30	PASS
				RB1#3	23.07	24.07	30	PASS
				RB1#5	23.50	24.50	30	PASS
				RB3#0	23.33	24.33	30	PASS
				RB3#2	23.32	24.32	30	PASS
				RB3#3	23.39	24.39	30	PASS
				RB6#0	22.39	23.39	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
			HCH	RB1#0	23.25	24.25	30	PASS	
				RB1#3	23.10	24.10	30	PASS	
				RB1#5	23.24	24.24	30	PASS	
				RB3#0	23.28	24.28	30	PASS	
				RB3#2	22.98	23.98	30	PASS	
				RB3#3	23.20	24.20	30	PASS	
				RB6#0	22.21	23.21	30	PASS	
		3	LCH	RB1#0	23.48	24.48	30	PASS	
				RB1#7	23.23	24.23	30	PASS	
				RB1#14	23.48	24.48	30	PASS	
				RB8#0	22.48	23.48	30	PASS	
				RB8#4	22.36	23.36	30	PASS	
				RB8#7	22.46	23.46	30	PASS	
				RB15#0	22.48	23.48	30	PASS	
				MCH	RB1#0	23.34	24.34	30	PASS
					RB1#7	22.88	23.88	30	PASS
		RB1#14	23.37		24.37	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	22.31	23.31	30	PASS	
				RB8#4	22.36	23.36	30	PASS	
				RB8#7	22.40	23.40	30	PASS	
				RB15#0	22.48	23.48	30	PASS	
			HCH	RB1#0	23.29	24.29	30	PASS	
				RB1#7	22.77	23.77	30	PASS	
				RB1#14	23.29	24.29	30	PASS	
				RB8#0	22.20	23.20	30	PASS	
				RB8#4	22.17	23.17	30	PASS	
				RB8#7	22.25	23.25	30	PASS	
				RB15#0	22.23	23.23	30	PASS	
			5	LCH	RB1#0	23.47	24.47	30	PASS
					RB1#13	23.45	24.45	30	PASS
					RB1#24	23.38	24.38	30	PASS
		RB12#0			22.51	23.51	30	PASS	
		RB12#6			22.45	23.45	30	PASS	
		RB12#13			22.45	23.45	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.43	23.43	30	PASS
			MCH	RB1#0	23.44	24.44	30	PASS
				RB1#13	23.46	24.46	30	PASS
				RB1#24	23.41	24.41	30	PASS
				RB12#0	22.45	23.45	30	PASS
				RB12#6	22.46	23.46	30	PASS
				RB12#13	22.51	23.51	30	PASS
				RB25#0	22.44	23.44	30	PASS
				HCH	RB1#0	23.28	24.28	30
			RB1#13		23.29	24.29	30	PASS
			RB1#24		23.26	24.26	30	PASS
			RB12#0		22.31	23.31	30	PASS
			RB12#6		22.29	23.29	30	PASS
			RB12#13		22.27	23.27	30	PASS
			RB25#0		22.25	23.25	30	PASS
		10	LCH	RB1#0	23.45	24.45	30	PASS
				RB1#25	23.17	24.17	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.42	24.42	30	PASS
				RB25#0	22.44	23.44	30	PASS
				RB25#13	22.45	23.45	30	PASS
				RB25#25	22.43	23.43	30	PASS
				RB50#0	22.43	23.43	30	PASS
			MCH	RB1#0	23.48	24.48	30	PASS
				RB1#25	23.18	24.18	30	PASS
				RB1#49	23.38	24.38	30	PASS
				RB25#0	22.53	23.53	30	PASS
				RB25#13	22.47	23.47	30	PASS
				RB25#25	22.39	23.39	30	PASS
				RB50#0	22.43	23.43	30	PASS
			HCH	RB1#0	23.29	24.29	30	PASS
				RB1#25	22.90	23.90	30	PASS
				RB1#49	23.27	24.27	30	PASS
				RB25#0	22.28	23.28	30	PASS
				RB25#13	22.27	23.27	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.22	23.22	30	PASS
				RB50#0	22.23	23.23	30	PASS
		LCH	RB1#0	23.30	24.30	30	PASS	
			RB1#38	23.48	24.48	30	PASS	
			RB1#74	23.32	24.32	30	PASS	
			RB38#0	22.41	23.41	30	PASS	
			RB38#19	22.50	23.50	30	PASS	
			RB38#39	22.46	23.46	30	PASS	
			RB75#0	22.46	23.46	30	PASS	
		MCH	RB1#0	23.34	24.34	30	PASS	
			RB1#38	23.46	24.46	30	PASS	
			RB1#74	23.30	24.30	30	PASS	
			RB38#0	22.53	23.53	30	PASS	
			RB38#19	22.52	23.52	30	PASS	
			RB38#39	22.43	23.43	30	PASS	
HCH	RB75#0	22.47	23.47	30	PASS			
	RB1#0	23.21	24.21	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	23.28	24.28	30	PASS	
				RB1#74	23.15	24.15	30	PASS	
				RB38#0	22.35	23.35	30	PASS	
				RB38#19	22.31	23.31	30	PASS	
				RB38#39	22.27	23.27	30	PASS	
				RB75#0	22.26	23.26	30	PASS	
		20	LCH	RB1#0	23.33	24.33	30	PASS	
				RB1#50	22.92	23.92	30	PASS	
				RB1#99	23.35	24.35	30	PASS	
				RB50#0	22.41	23.41	30	PASS	
				RB50#25	22.43	23.43	30	PASS	
				RB50#50	22.43	23.43	30	PASS	
				RB100#0	22.40	23.40	30	PASS	
				MCH	RB1#0	23.31	24.31	30	PASS
					RB1#50	23.03	24.03	30	PASS
					RB1#99	23.22	24.22	30	PASS
RB50#0	22.40	23.40	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.48	23.48	30	PASS
				RB50#50	22.33	23.33	30	PASS
				RB100#0	22.40	23.40	30	PASS
			HCH	RB1#0	23.25	24.25	30	PASS
				RB1#50	22.95	23.95	30	PASS
				RB1#99	23.15	24.15	30	PASS
				RB50#0	22.29	23.29	30	PASS
				RB50#25	22.27	23.27	30	PASS
				RB50#50	22.22	23.22	30	PASS
				RB100#0	22.24	23.24	30	PASS
				LCH	RB1#0	22.57	23.57	30
			RB1#3		22.13	23.13	30	PASS
			RB1#5		22.60	23.60	30	PASS
			RB3#0		22.55	23.55	30	PASS
			RB3#2		22.50	23.50	30	PASS
RB3#3	22.32	23.32	30		PASS			
RB6#0	21.52	22.52	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.84	23.84	30	PASS
				RB1#3	22.33	23.33	30	PASS
				RB1#5	22.78	23.78	30	PASS
				RB3#0	22.42	23.42	30	PASS
				RB3#2	22.20	23.20	30	PASS
				RB3#3	22.44	23.44	30	PASS
			RB6#0	21.35	22.35	30	PASS	
			HCH	RB1#0	22.45	23.45	30	PASS
				RB1#3	22.14	23.14	30	PASS
				RB1#5	22.45	23.45	30	PASS
				RB3#0	22.15	23.15	30	PASS
				RB3#2	22.12	23.12	30	PASS
		RB3#3		22.12	23.12	30	PASS	
		3	LCH	RB1#0	22.88	23.88	30	PASS
				RB1#7	22.27	23.27	30	PASS
				RB1#14	22.84	23.84	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.40	22.40	30	PASS
				RB8#4	21.42	22.42	30	PASS
				RB8#7	21.46	22.46	30	PASS
				RB15#0	21.39	22.39	30	PASS
			MCH	RB1#0	22.84	23.84	30	PASS
				RB1#7	22.17	23.17	30	PASS
				RB1#14	22.83	23.83	30	PASS
				RB8#0	21.28	22.28	30	PASS
				RB8#4	21.41	22.41	30	PASS
				RB8#7	21.30	22.30	30	PASS
				RB15#0	21.42	22.42	30	PASS
			HCH	RB1#0	22.38	23.38	30	PASS
				RB1#7	22.12	23.12	30	PASS
				RB1#14	22.33	23.33	30	PASS
				RB8#0	21.19	22.19	30	PASS
				RB8#4	21.23	22.23	30	PASS
				RB8#7	21.22	22.22	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB15#0	21.13	22.13	30	PASS
				RB1#0	22.79	23.79	30	PASS
				RB1#13	22.79	23.79	30	PASS
				RB1#24	22.72	23.72	30	PASS
				RB12#0	21.55	22.55	30	PASS
				RB12#6	21.48	22.48	30	PASS
				RB12#13	21.49	22.49	30	PASS
				RB25#0	21.37	22.37	30	PASS
				MCH	RB1#0	22.65	23.65	30
			RB1#13		22.73	23.73	30	PASS
			RB1#24		22.69	23.69	30	PASS
			RB12#0		21.51	22.51	30	PASS
			RB12#6		21.42	22.42	30	PASS
			RB12#13		21.51	22.51	30	PASS
			RB25#0		21.42	22.42	30	PASS
			HCH	RB1#0	22.60	23.60	30	PASS
				RB1#13	22.58	23.58	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#24	22.58	23.58	30	PASS		
				RB12#0	21.29	22.29	30	PASS		
				RB12#6	21.29	22.29	30	PASS		
				RB12#13	21.30	22.30	30	PASS		
				RB25#0	21.19	22.19	30	PASS		
				10	LCH	RB1#0	22.70	23.70	30	PASS
						RB1#25	22.16	23.16	30	PASS
						RB1#49	22.71	23.71	30	PASS
						RB25#0	21.45	22.45	30	PASS
						RB25#13	21.40	22.40	30	PASS
		RB25#25	21.43			22.43	30	PASS		
		RB50#0	21.40			22.40	30	PASS		
		MCH	RB1#0			22.64	23.64	30	PASS	
			RB1#25			22.40	23.40	30	PASS	
			RB1#49			22.60	23.60	30	PASS	
			RB25#0	21.48	22.48	30	PASS			
			RB25#13	21.43	22.43	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.41	22.41	30	PASS
				RB50#0	21.38	22.38	30	PASS
			HCH	RB1#0	22.40	23.40	30	PASS
				RB1#25	22.10	23.10	30	PASS
				RB1#49	22.24	23.24	30	PASS
				RB25#0	21.29	22.29	30	PASS
				RB25#13	21.24	22.24	30	PASS
				RB25#25	21.27	22.27	30	PASS
				RB50#0	21.23	22.23	30	PASS
		15	LCH	RB1#0	22.74	23.74	30	PASS
				RB1#38	22.84	23.84	30	PASS
				RB1#74	22.72	23.72	30	PASS
				RB38#0	21.44	22.44	30	PASS
				RB38#19	21.48	22.48	30	PASS
				RB38#39	21.44	22.44	30	PASS
RB75#0	21.42	22.42		30	PASS			
MCH	RB1#0	22.63	23.63	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.76	23.76	30	PASS
				RB1#74	22.51	23.51	30	PASS
				RB38#0	21.45	22.45	30	PASS
				RB38#19	21.48	22.48	30	PASS
				RB38#39	21.40	22.40	30	PASS
				RB75#0	21.41	22.41	30	PASS
			HCH	RB1#0	22.37	23.37	30	PASS
				RB1#38	22.43	23.43	30	PASS
				RB1#74	22.27	23.27	30	PASS
				RB38#0	21.32	22.32	30	PASS
				RB38#19	21.32	22.32	30	PASS
				RB38#39	21.22	22.22	30	PASS
		20	LCH	RB1#0	22.69	23.69	30	PASS
				RB1#50	22.43	23.43	30	PASS
				RB1#99	22.72	23.72	30	PASS
				RB50#0	21.35	22.35	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.39	22.39	30	PASS
				RB50#50	21.35	22.35	30	PASS
				RB100#0	21.33	22.33	30	PASS
			MCH	RB1#0	22.74	23.74	30	PASS
				RB1#50	22.46	23.46	30	PASS
				RB1#99	22.68	23.68	30	PASS
				RB50#0	21.42	22.42	30	PASS
				RB50#25	21.42	22.42	30	PASS
				RB50#50	21.33	22.33	30	PASS
				RB100#0	21.34	22.34	30	PASS
			HCH	RB1#0	22.61	23.61	30	PASS
				RB1#50	22.24	23.24	30	PASS
				RB1#99	22.47	23.47	30	PASS
				RB50#0	21.22	22.22	30	PASS
				RB50#25	21.18	22.18	30	PASS
				RB50#50	21.22	22.22	30	PASS
				RB100#0	21.20	22.20	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	4.20	13	PASS
				RB1#3	4.72	13	PASS
				RB1#5	4.58	13	PASS
				RB3#0	4.80	13	PASS
				RB3#2	4.59	13	PASS
				RB3#3	4.62	13	PASS
			RB6#0	5.75	13	PASS	
			MCH	RB1#0	5.20	13	PASS
				RB1#3	5.41	13	PASS
				RB1#5	5.19	13	PASS
				RB3#0	5.18	13	PASS
				RB3#2	5.07	13	PASS
		RB3#3		5.26	13	PASS	
		HCH	RB6#0	5.77	13	PASS	
			RB1#0	4.88	13	PASS	
			RB1#3	5.35	13	PASS	
			RB1#5	4.88	13	PASS	
			RB3#0	4.95	13	PASS	
			RB3#2	5.27	13	PASS	
		3	LCH	RB3#3	4.89	13	PASS
				RB6#0	6.21	13	PASS
				RB1#0	4.64	13	PASS
				RB1#7	5.20	13	PASS
				RB1#14	4.75	13	PASS
RB8#0	5.38			13	PASS		
MCH	RB8#4		5.46	13	PASS		
	RB8#7		5.54	13	PASS		
	RB15#0		5.60	13	PASS		
	RB1#0		4.91	13	PASS		
	RB1#7		4.93	13	PASS		
	RB1#14		4.88	13	PASS		
RB8#0	5.94	13	PASS				
RB8#4	5.92	13	PASS				
RB8#7	5.89	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	6.01	13	PASS
				RB1#0	4.69	13	PASS
				RB1#7	4.80	13	PASS
				RB1#14	4.52	13	PASS
				RB8#0	5.74	13	PASS
				RB8#4	5.66	13	PASS
				RB8#7	5.76	13	PASS
				RB15#0	6.16	13	PASS
		5	LCH	RB1#0	4.50	13	PASS
				RB1#13	4.54	13	PASS
				RB1#24	4.71	13	PASS
				RB12#0	5.60	13	PASS
				RB12#6	5.56	13	PASS
				RB12#13	5.83	13	PASS
				RB25#0	6.02	13	PASS
			MCH	RB1#0	5.16	13	PASS
				RB1#13	5.08	13	PASS
				RB1#24	4.99	13	PASS
				RB12#0	6.36	13	PASS
				RB12#6	5.90	13	PASS
				RB12#13	6.25	13	PASS
			HCH	RB1#0	4.92	13	PASS
				RB1#13	4.87	13	PASS
				RB1#24	4.66	13	PASS
				RB12#0	5.55	13	PASS
		RB12#6		5.66	13	PASS	
		RB12#13		5.92	13	PASS	
		RB25#0		6.00	13	PASS	
		10	LCH	RB1#0	4.68	13	PASS
				RB1#25	5.04	13	PASS
				RB1#49	5.01	13	PASS
				RB25#0	5.91	13	PASS
				RB25#13	5.95	13	PASS
RB25#25	6.03			13	PASS		
RB50#0	6.25			13	PASS		
MCH	RB1#0		5.02	13	PASS		
	RB1#25		5.15	13	PASS		
	RB1#49		4.90	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	6.11	13	PASS
				RB25#25	6.23	13	PASS
				RB50#0	6.19	13	PASS
			HCH	RB1#0	4.55	13	PASS
				RB1#25	4.65	13	PASS
				RB1#49	4.50	13	PASS
				RB25#0	6.40	13	PASS
				RB25#13	6.34	13	PASS
				RB25#25	5.93	13	PASS
				RB50#0	6.55	13	PASS
				LCH	RB1#0	4.72	13
			RB1#38		4.91	13	PASS
			RB1#74		5.17	13	PASS
		RB38#0	6.01		13	PASS	
		RB38#19	6.06		13	PASS	
		RB38#39	6.25		13	PASS	
		RB75#0	6.33		13	PASS	
		MCH	RB1#0	5.04	13	PASS	
			RB1#38	4.98	13	PASS	
			RB1#74	4.87	13	PASS	
			RB38#0	6.19	13	PASS	
			RB38#19	6.15	13	PASS	
			RB38#39	6.13	13	PASS	
			RB75#0	6.40	13	PASS	
		HCH	RB1#0	4.86	13	PASS	
			RB1#38	4.79	13	PASS	
			RB1#74	4.74	13	PASS	
			RB38#0	6.49	13	PASS	
			RB38#19	6.35	13	PASS	
			RB38#39	6.16	13	PASS	
			RB75#0	6.55	13	PASS	
20	LCH	RB1#0	4.60	13	PASS		
		RB1#50	4.68	13	PASS		
		RB1#99	4.86	13	PASS		
		RB50#0	6.18	13	PASS		
		RB50#25	6.25	13	PASS		
		RB50#50	6.39	13	PASS		
		RB100#0	6.38	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2	1.4	MCH	RB1#0	4.94	13	PASS
				RB1#50	5.00	13	PASS
				RB1#99	4.75	13	PASS
				RB50#0	6.26	13	PASS
				RB50#25	6.22	13	PASS
				RB50#50	6.20	13	PASS
				RB100#0	6.41	13	PASS
			HCH	RB1#0	5.13	13	PASS
				RB1#50	4.93	13	PASS
				RB1#99	4.81	13	PASS
				RB50#0	6.45	13	PASS
				RB50#25	6.37	13	PASS
				RB50#50	6.18	13	PASS
				RB100#0	6.55	13	PASS
	LCH	RB1#0	5.66	13	PASS		
		RB1#3	5.79	13	PASS		
		RB1#5	5.58	13	PASS		
		RB3#0	5.66	13	PASS		
		RB3#2	5.59	13	PASS		
		RB3#3	5.67	13	PASS		
		RB6#0	6.41	13	PASS		
		MCH	RB1#0	5.30	13	PASS	
			RB1#3	5.32	13	PASS	
			RB1#5	5.45	13	PASS	
			RB3#0	6.20	13	PASS	
			RB3#2	6.31	13	PASS	
			RB3#3	6.38	13	PASS	
			RB6#0	6.58	13	PASS	
	HCH	RB1#0	5.59	13	PASS		
		RB1#3	6.34	13	PASS		
		RB1#5	5.94	13	PASS		
		RB3#0	6.04	13	PASS		
RB3#2		6.09	13	PASS			
RB3#3		6.03	13	PASS			
RB6#0		7.02	13	PASS			
3	LCH	RB1#0	5.23	13	PASS		
		RB1#7	5.89	13	PASS		
		RB1#14	5.09	13	PASS		
		RB8#0	6.65	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
		5		RB8#4	6.54	13	PASS			
				RB8#7	6.68	13	PASS			
				RB15#0	6.79	13	PASS			
			MCH	RB1#0	5.94	13	PASS			
				RB1#7	6.29	13	PASS			
				RB1#14	5.78	13	PASS			
				RB8#0	6.49	13	PASS			
				RB8#4	6.45	13	PASS			
				RB8#7	6.43	13	PASS			
			HCH	RB15#0	6.71	13	PASS			
				RB1#0	5.30	13	PASS			
				RB1#7	5.39	13	PASS			
				RB1#14	5.73	13	PASS			
				RB8#0	6.62	13	PASS			
				RB8#4	6.70	13	PASS			
			10	LCH	5		RB8#7	6.64	13	PASS
							RB15#0	6.75	13	PASS
							RB1#0	5.22	13	PASS
		RB1#13					5.26	13	PASS	
		RB1#24					5.37	13	PASS	
		RB12#0					6.57	13	PASS	
		MCH		RB12#6	6.55	13	PASS			
				RB12#13	7.11	13	PASS			
				RB25#0	7.06	13	PASS			
				RB1#0	6.24	13	PASS			
				RB1#13	6.16	13	PASS			
				RB1#24	6.13	13	PASS			
		HCH	RB12#0	6.62	13	PASS				
			RB12#6	6.62	13	PASS				
			RB12#13	6.66	13	PASS				
RB25#0	6.98		13	PASS						
RB1#0	5.75		13	PASS						
RB1#13	5.51		13	PASS						
LCH	RB1#24	5.60	13	PASS						
	RB12#0	6.92	13	PASS						
	RB12#6	7.15	13	PASS						
	RB12#13	7.11	13	PASS						
	RB25#0	6.93	13	PASS						
	RB1#0	5.03	13	PASS						



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.38	13	PASS
				RB1#49	5.44	13	PASS
				RB25#0	6.71	13	PASS
				RB25#13	6.71	13	PASS
				RB25#25	6.83	13	PASS
				RB50#0	7.08	13	PASS
			MCH	RB1#0	6.00	13	PASS
				RB1#25	6.19	13	PASS
				RB1#49	5.93	13	PASS
				RB25#0	7.12	13	PASS
				RB25#13	7.07	13	PASS
				RB25#25	7.13	13	PASS
			HCH	RB50#0	7.38	13	PASS
				RB1#0	5.79	13	PASS
				RB1#25	5.94	13	PASS
				RB1#49	5.64	13	PASS
				RB25#0	7.22	13	PASS
				RB25#13	7.29	13	PASS
		15	LCH	RB25#25	7.00	13	PASS
				RB50#0	7.36	13	PASS
				RB1#0	5.39	13	PASS
				RB1#38	5.38	13	PASS
				RB1#74	5.64	13	PASS
				RB38#0	6.94	13	PASS
			MCH	RB38#19	7.01	13	PASS
				RB38#39	7.03	13	PASS
				RB75#0	7.21	13	PASS
				RB1#0	6.22	13	PASS
				RB1#38	6.04	13	PASS
				RB1#74	5.93	13	PASS
HCH	RB38#0	7.03	13	PASS			
	RB38#19	6.93	13	PASS			
	RB38#39	7.02	13	PASS			
	RB75#0	7.29	13	PASS			
	RB1#0	6.08	13	PASS			
			HCH	RB1#38	5.89	13	PASS
			HCH	RB1#74	5.92	13	PASS
			HCH	RB38#0	7.21	13	PASS
			HCH	RB38#19	6.94	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#39	6.77	13	PASS	
				RB75#0	7.45	13	PASS	
		20	LCH	RB1#0	5.38	13	PASS	
				RB1#50	5.74	13	PASS	
				RB1#99	5.76	13	PASS	
				RB50#0	7.14	13	PASS	
				RB50#25	7.29	13	PASS	
				RB50#50	7.43	13	PASS	
				RB100#0	7.38	13	PASS	
				MCH	RB1#0	5.62	13	PASS
					RB1#50	5.43	13	PASS
			RB1#99		5.42	13	PASS	
			RB50#0		7.20	13	PASS	
			RB50#25		7.06	13	PASS	
			RB50#50		7.10	13	PASS	
			HCH	RB100#0	7.32	13	PASS	
				RB1#0	6.04	13	PASS	
				RB1#50	5.84	13	PASS	
				RB1#99	5.68	13	PASS	
				RB50#0	7.51	13	PASS	
				RB50#25	7.39	13	PASS	
				RB50#50	7.14	13	PASS	
				RB100#0	7.45	13	PASS	

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

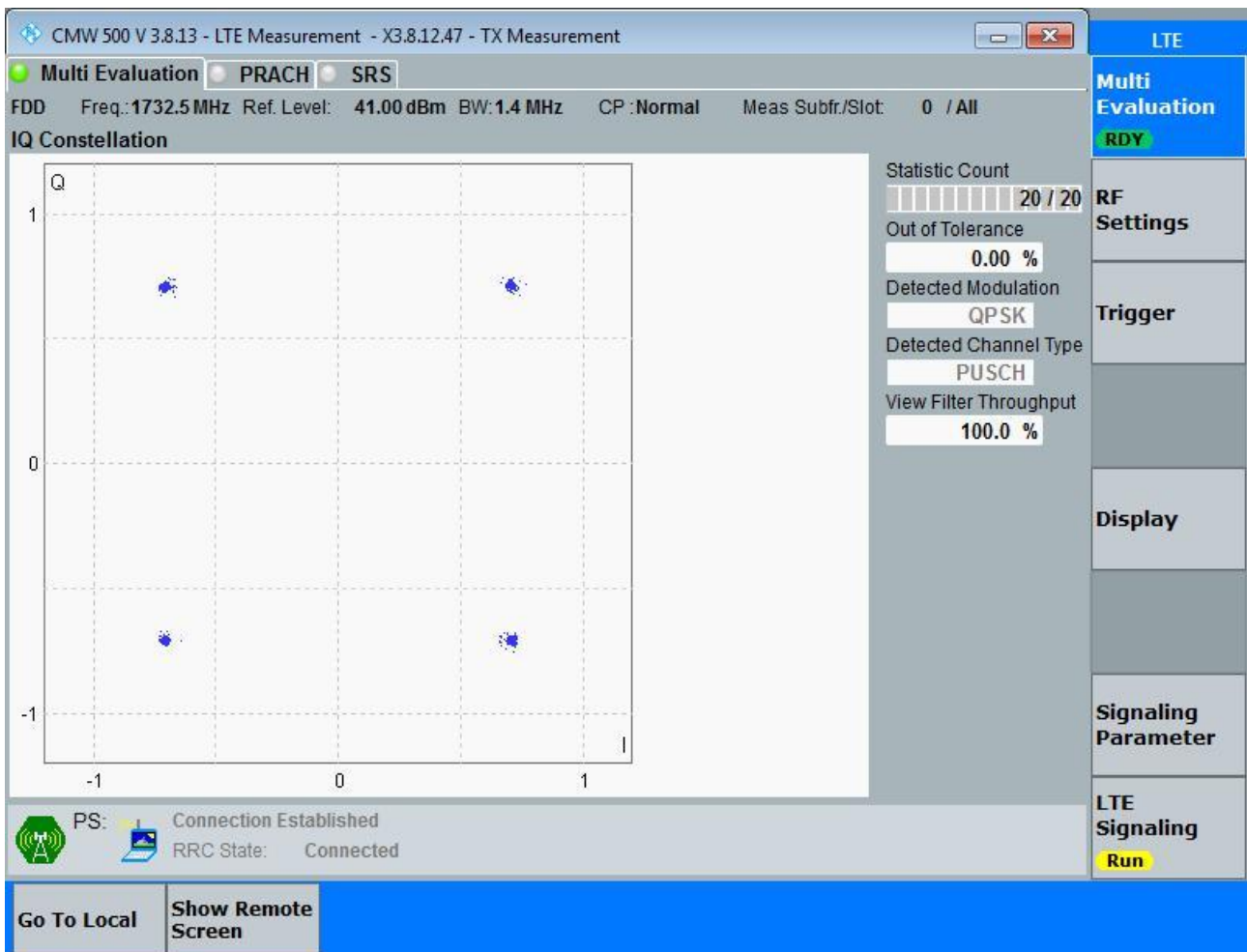
3.1.1 Test Band = Band4

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

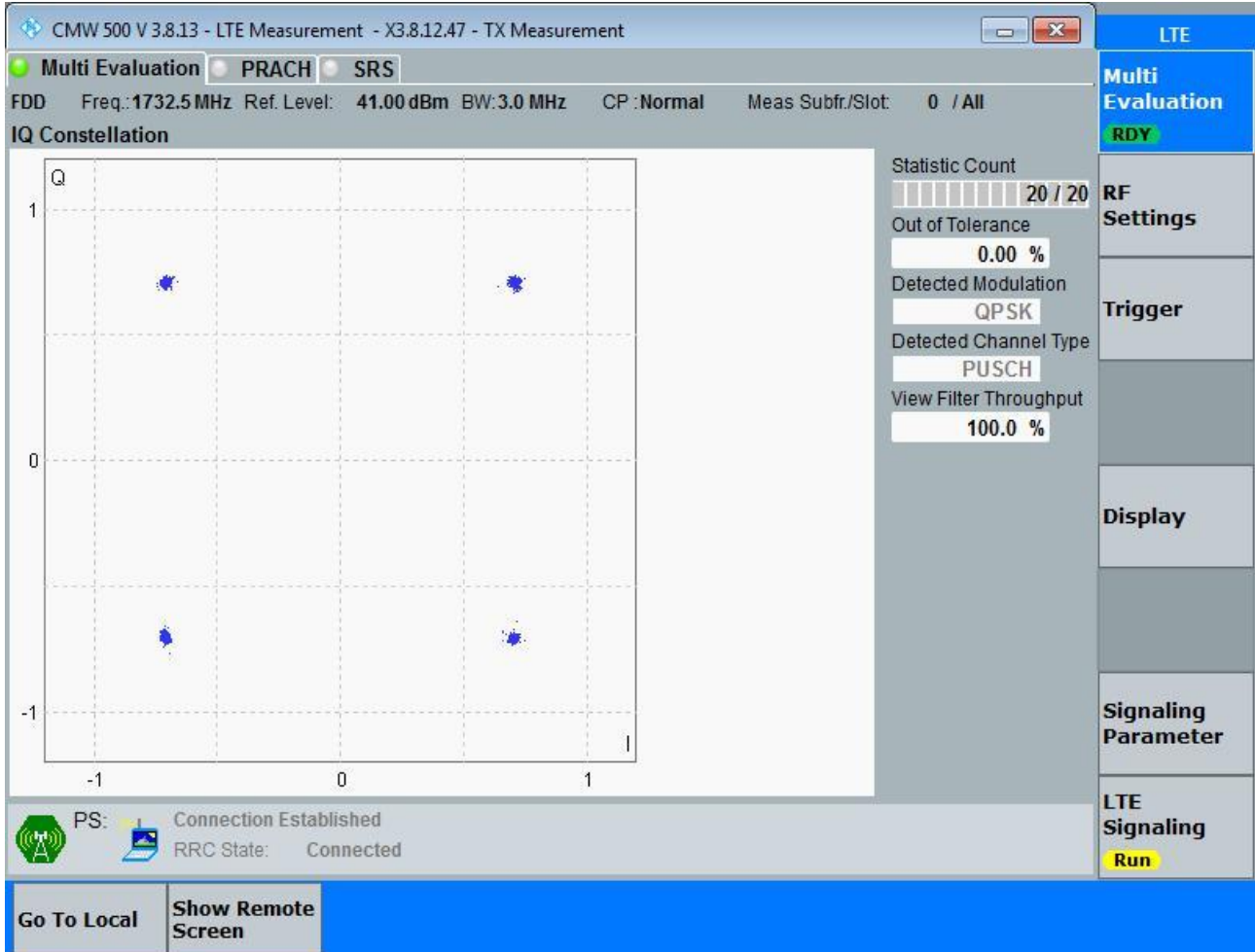
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3MHz

3.1.1.1.2.1 Test Channel = MCH

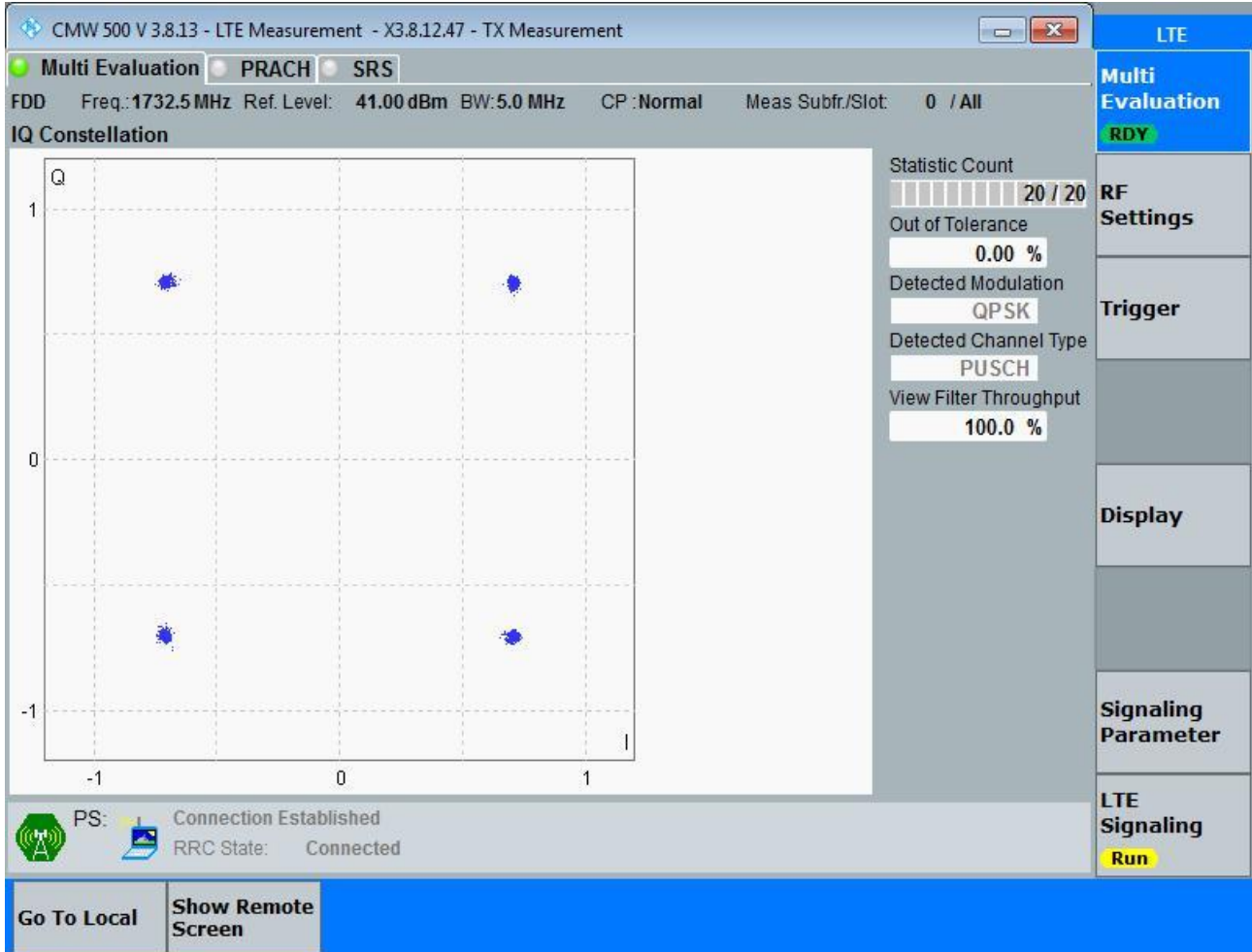
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5MHz

3.1.1.1.3.1 Test Channel = MCH

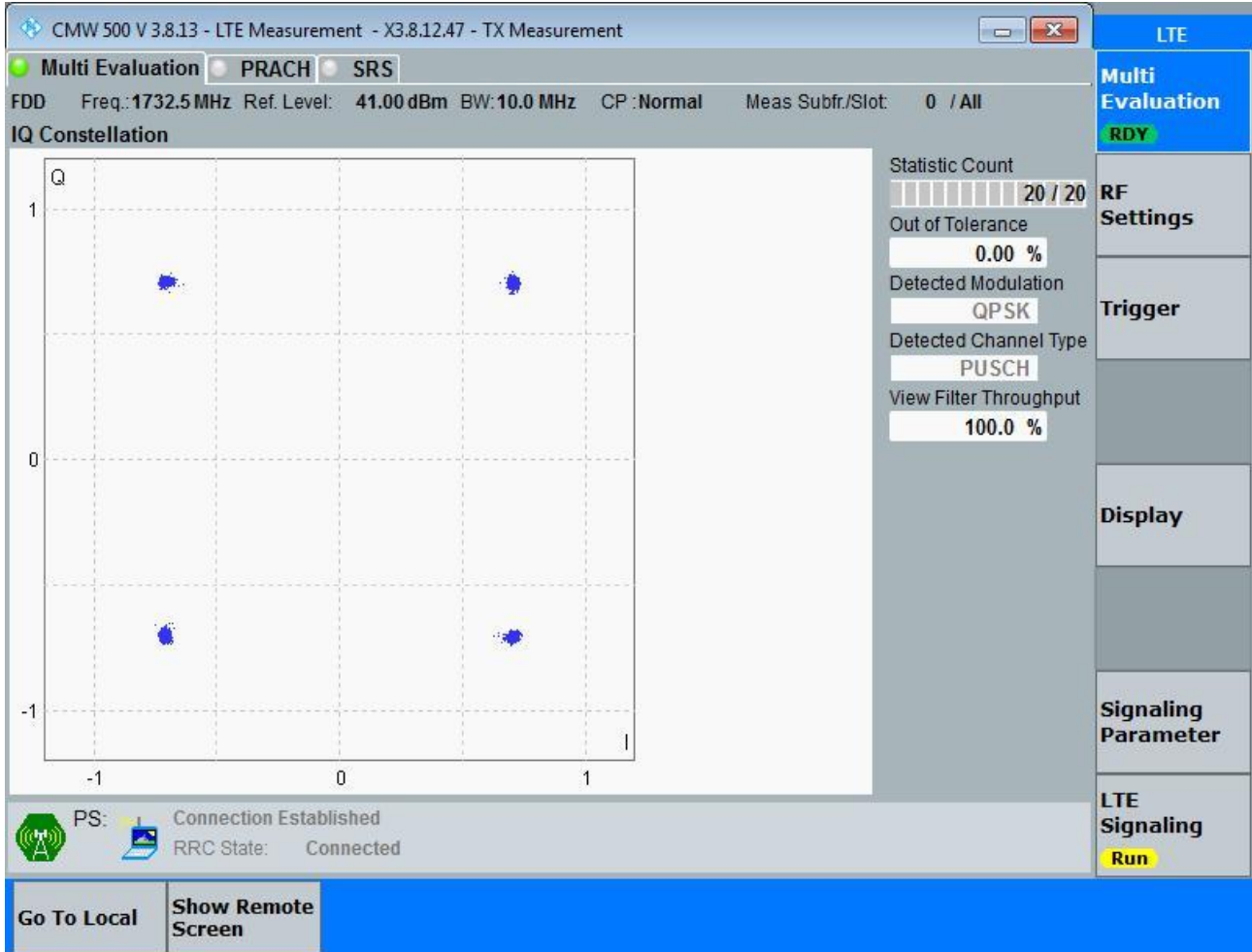
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10MHz

3.1.1.1.4.1 Test Channel = MCH

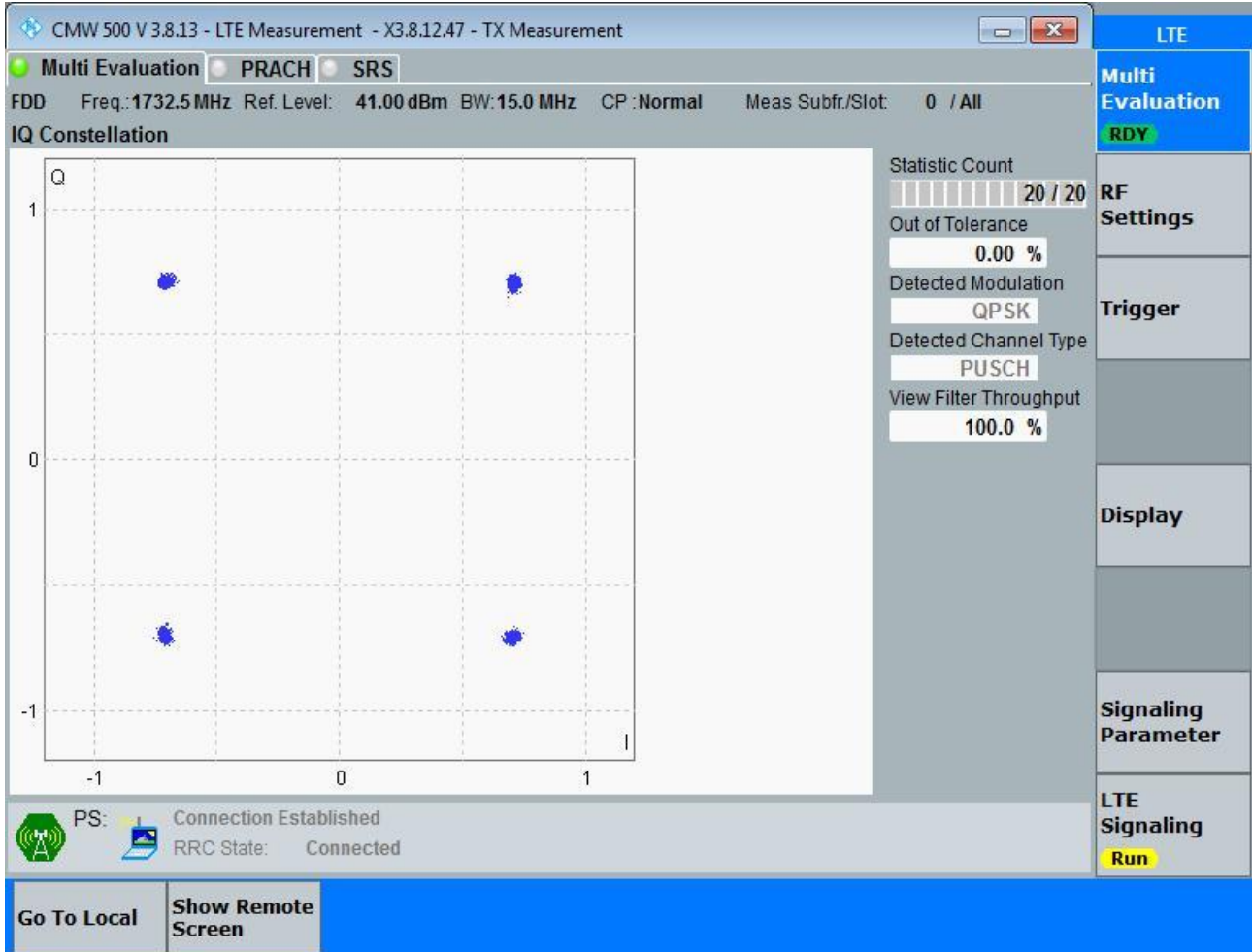
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15MHz

3.1.1.1.5.1 Test Channel = MCH

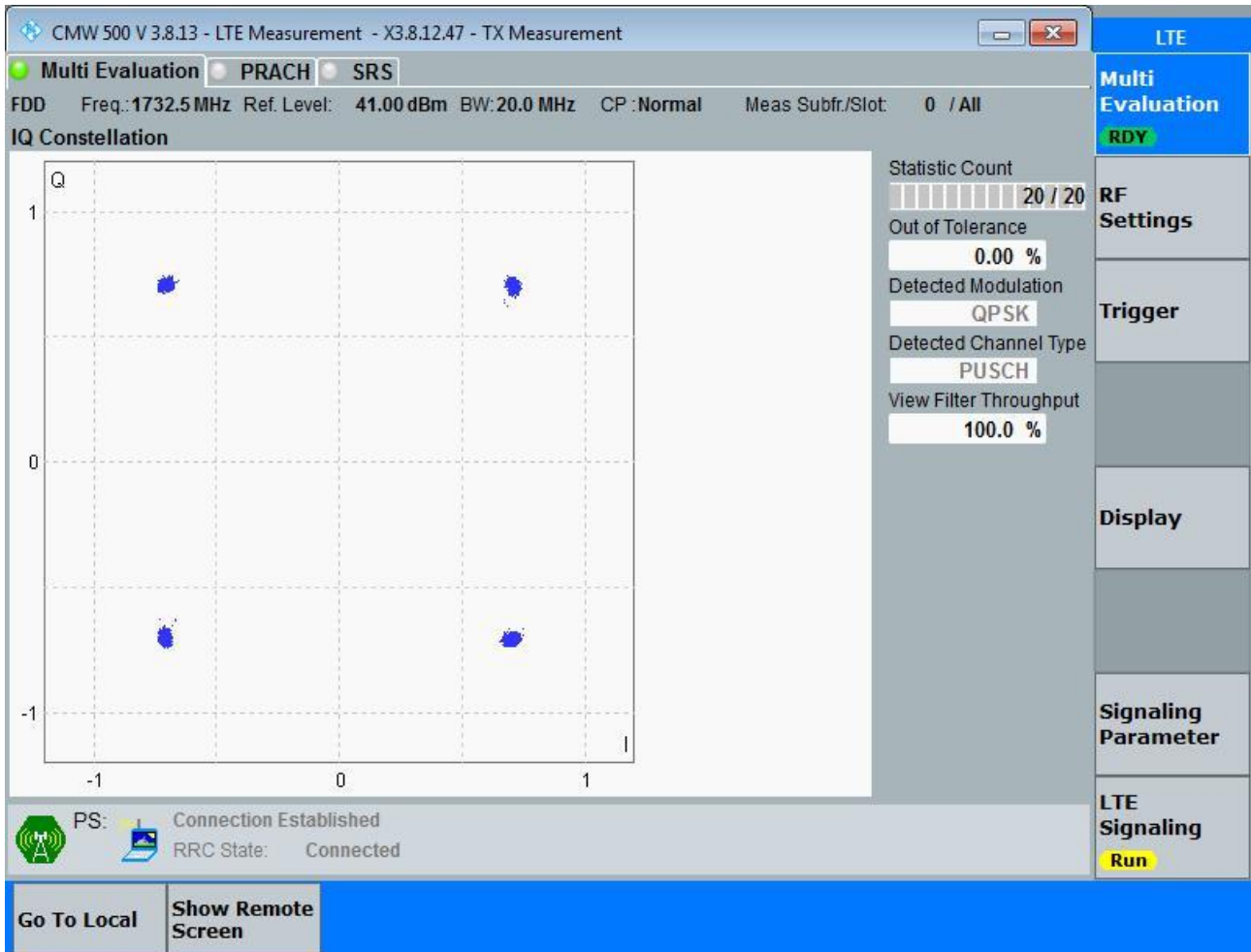
3.1.1.1.5.1.1 Test RB = RB75#0



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



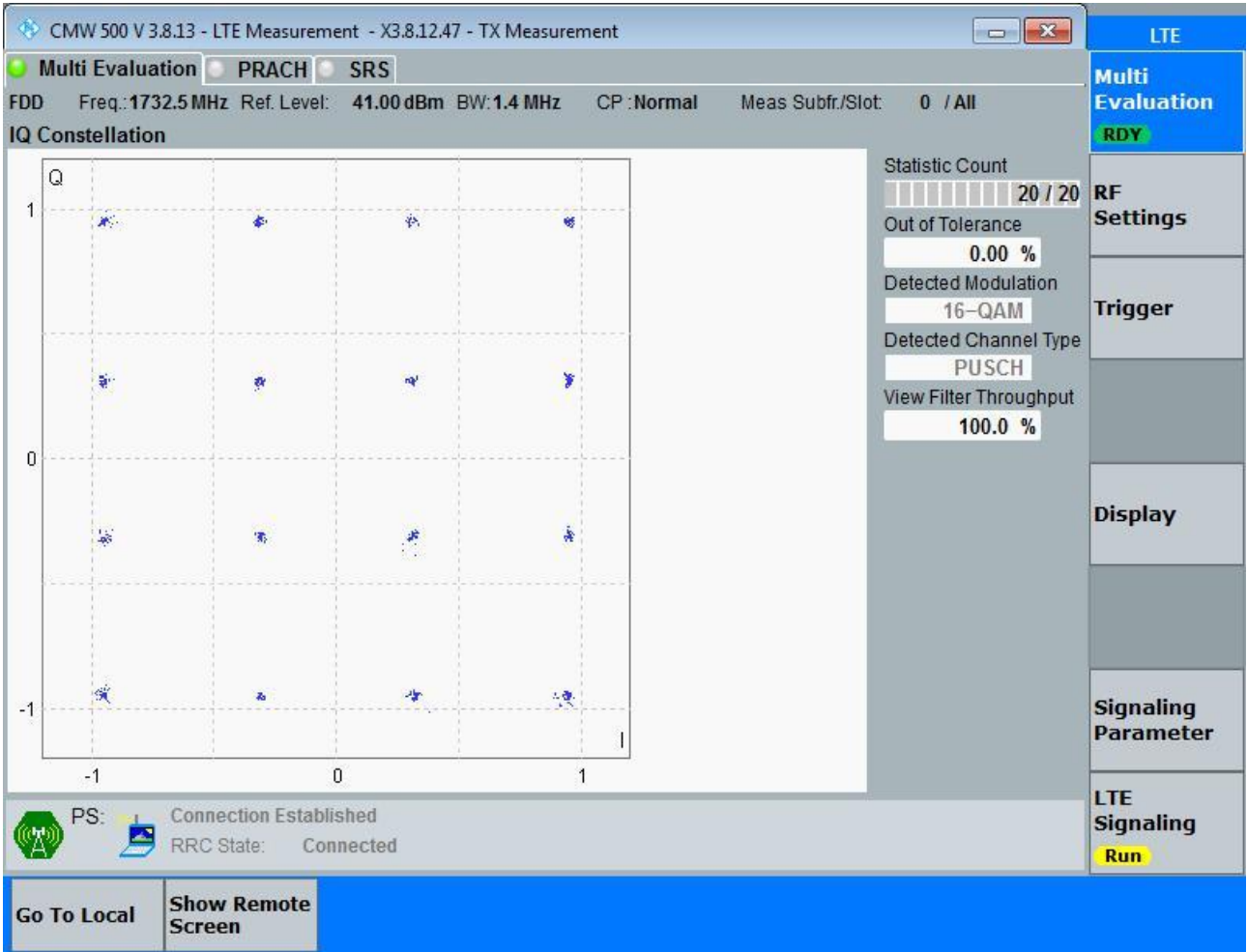


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4MHz

3.1.1.2.1.1 Test Channel = MCH

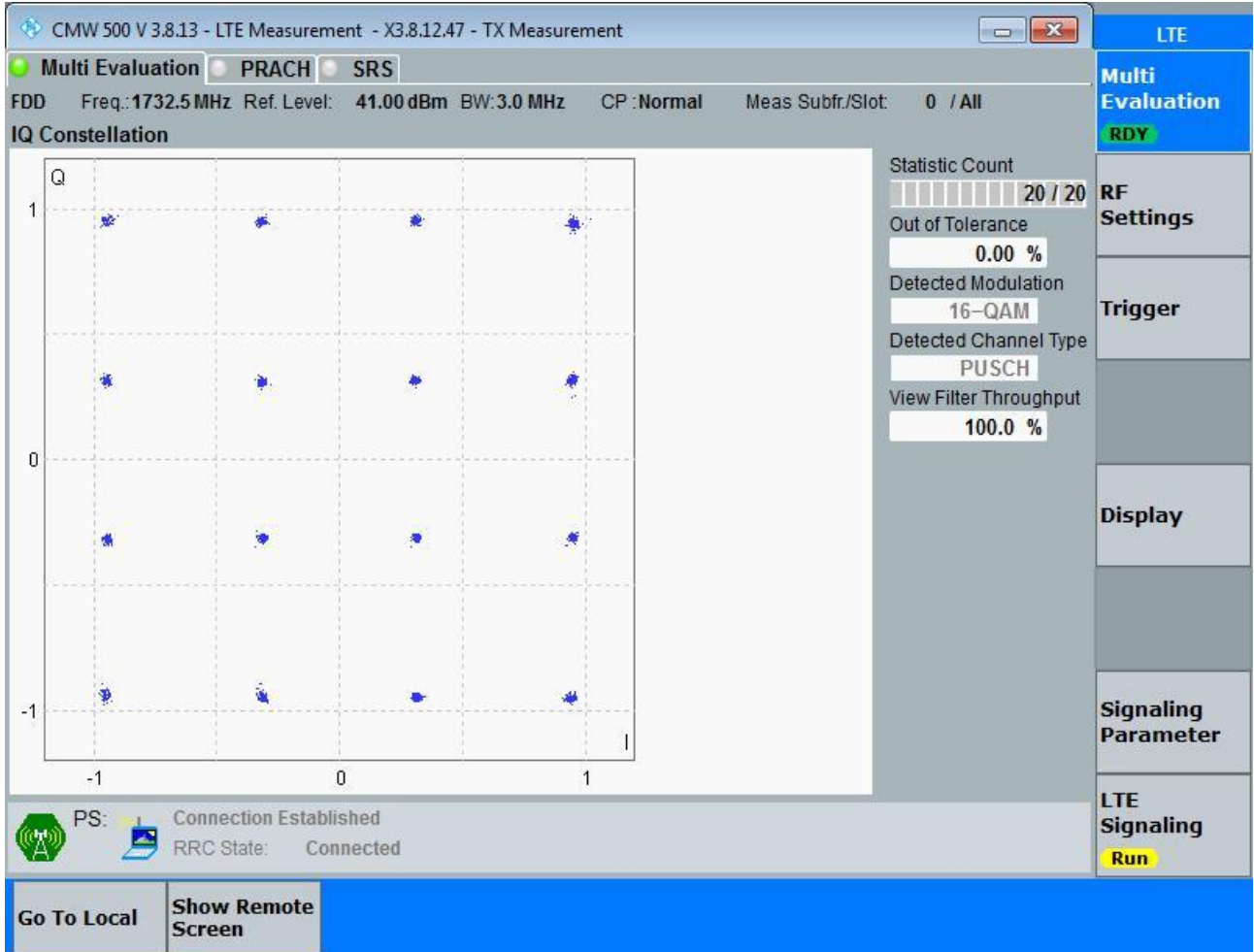
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3MHz

3.1.1.2.2.1 Test Channel = MCH

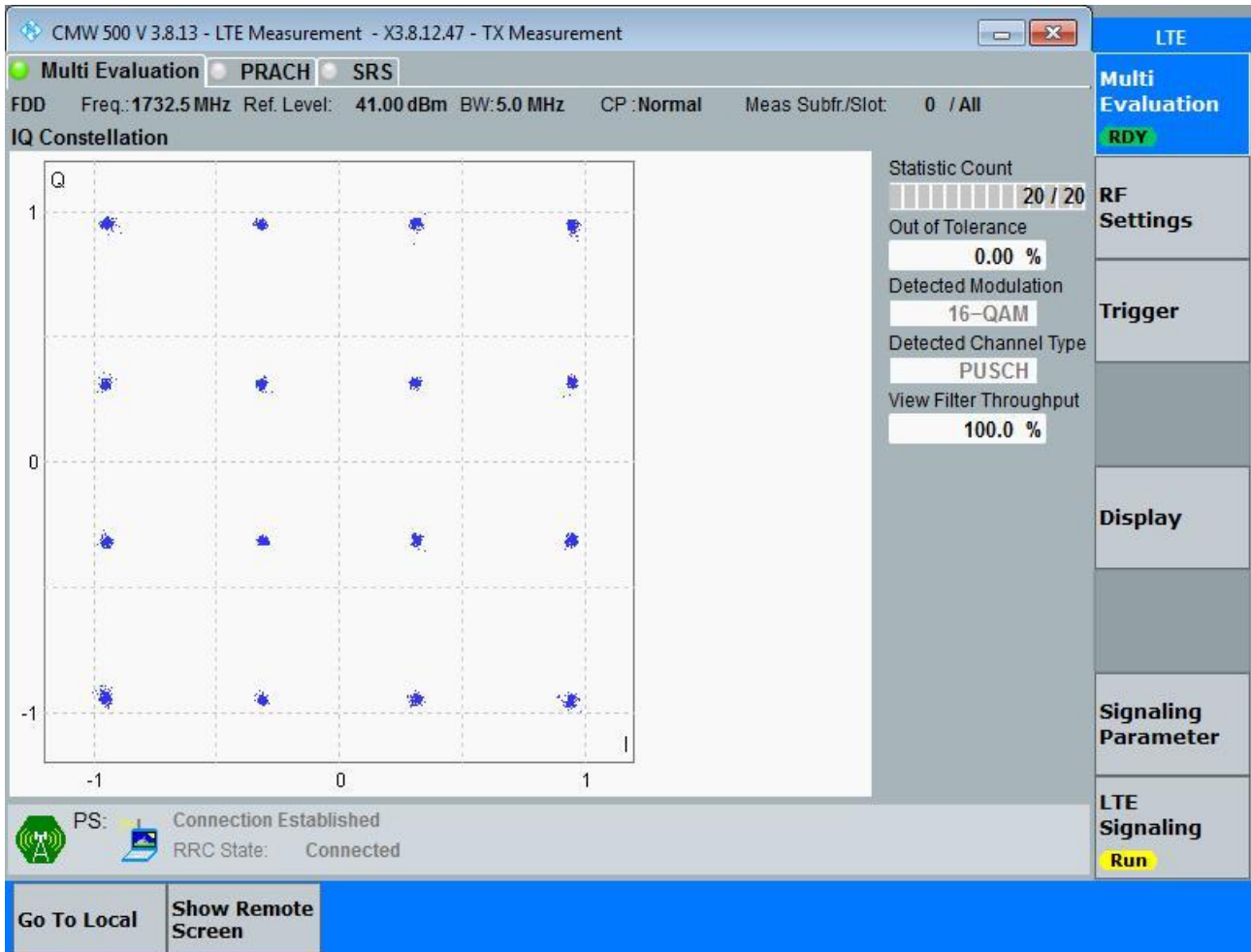
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5MHz

3.1.1.2.3.1 Test Channel = MCH

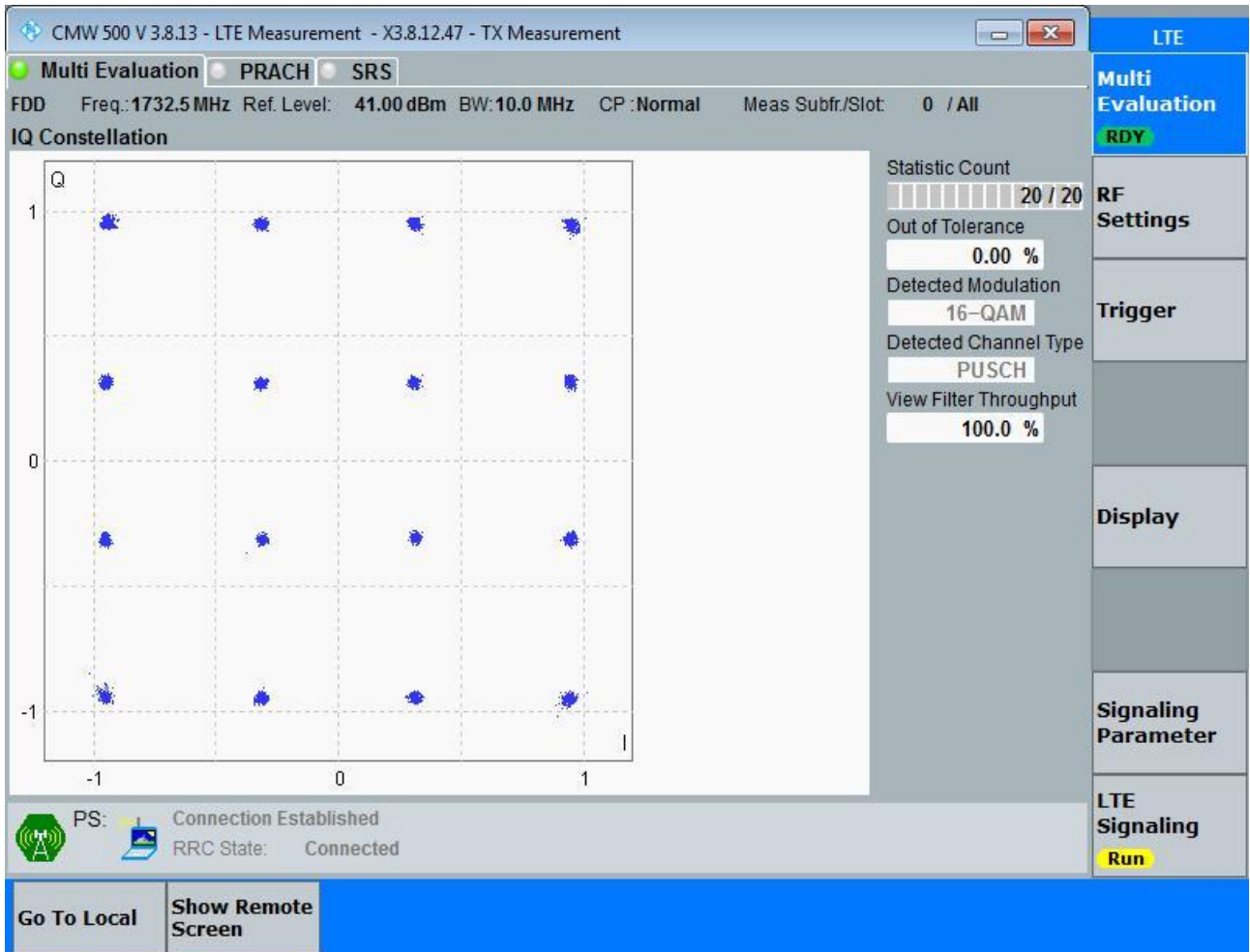
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10MHz

3.1.1.2.4.1 Test Channel = MCH

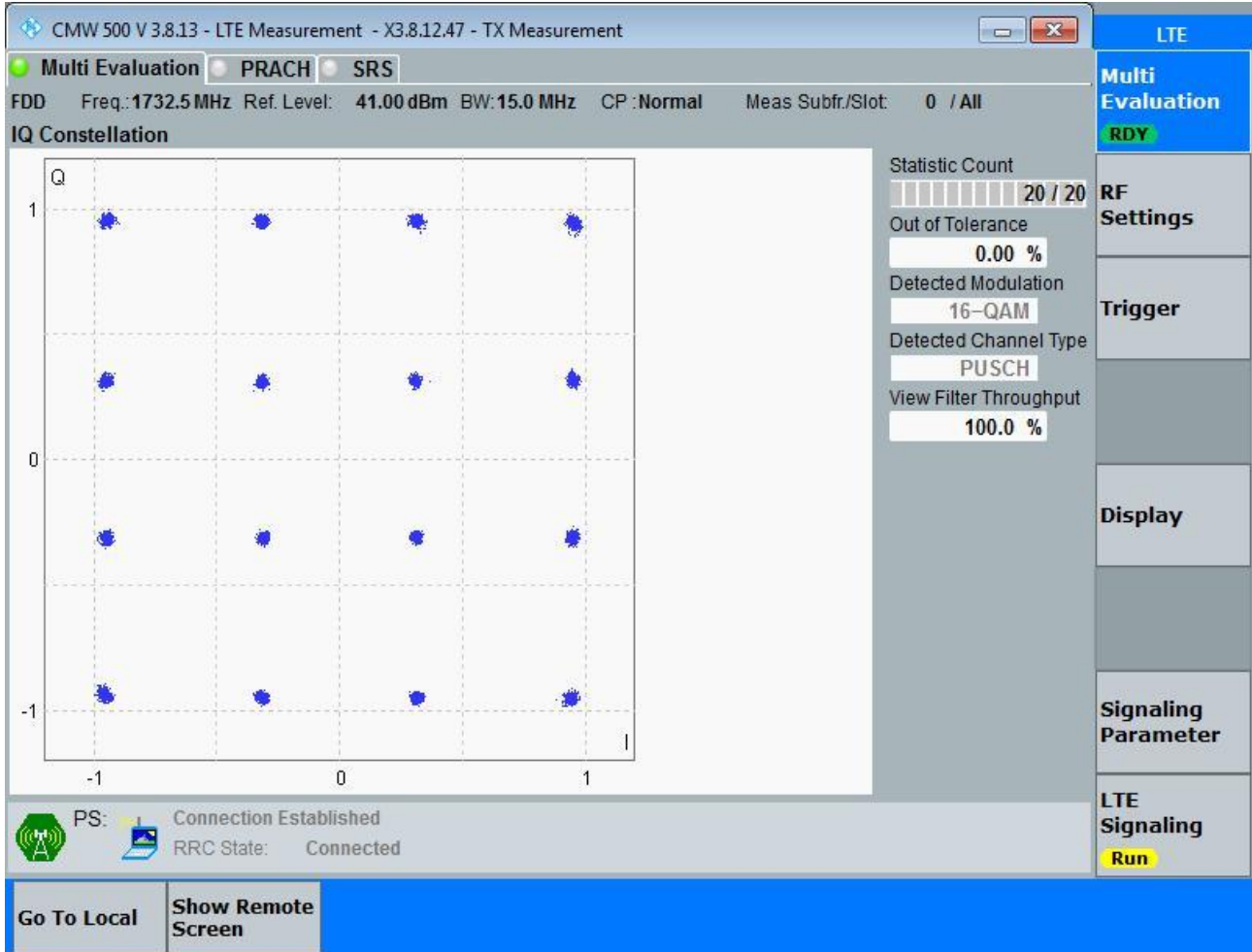
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15MHz

3.1.1.2.5.1 Test Channel = MCH

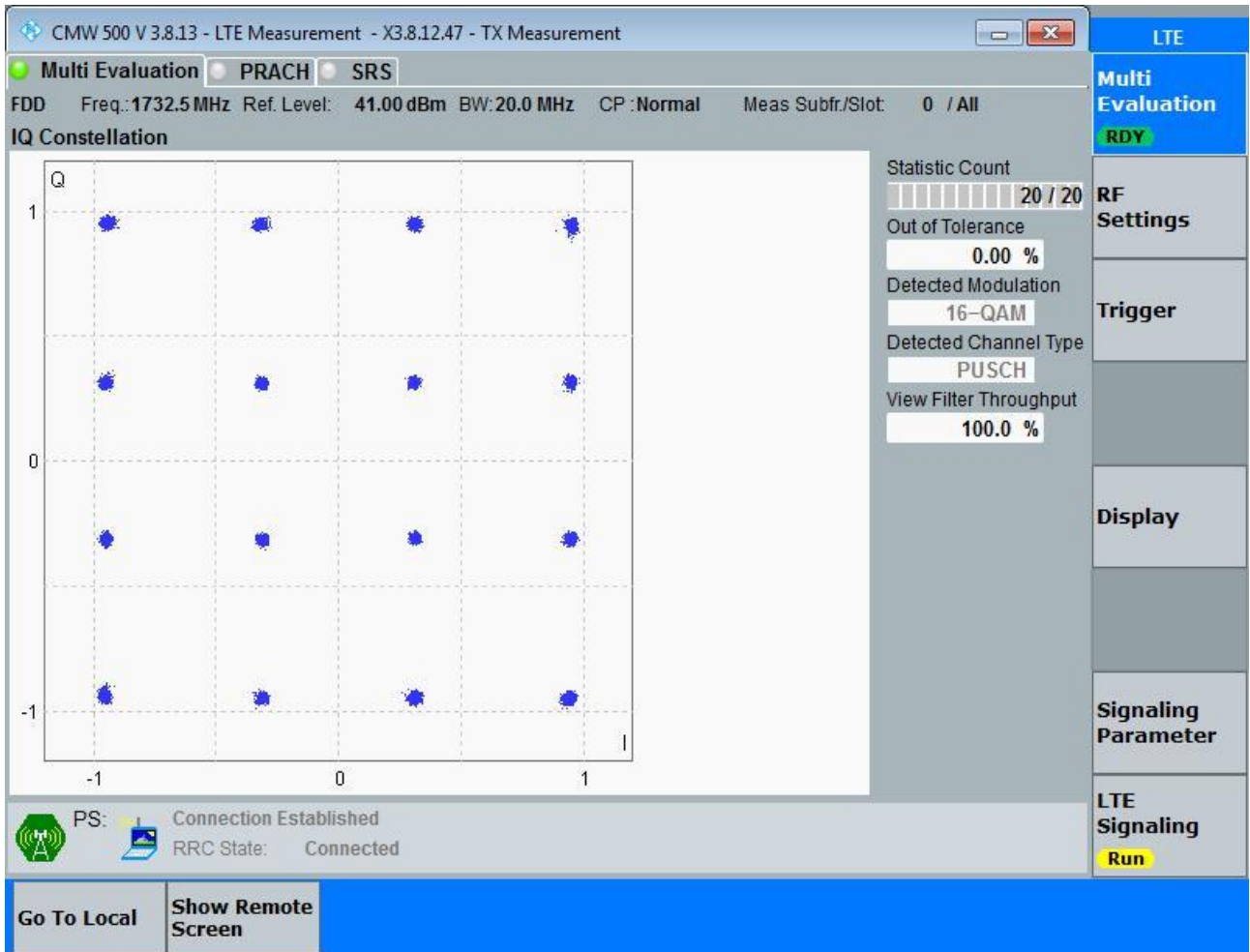
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.10	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	2.99	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.53	4.97	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.99	Pass
		10	LCH	RB50#0	8.99	9.92	Pass
			MCH	RB50#0	9.00	9.90	Pass
			HCH	RB50#0	9.00	9.89	Pass
		15	LCH	RB75#0	13.52	14.98	Pass
			MCH	RB75#0	13.46	14.88	Pass
			HCH	RB75#0	13.52	14.78	Pass
		20	LCH	RB100#0	18.01	19.79	Pass
			MCH	RB100#0	17.97	19.84	Pass
			HCH	RB100#0	18.00	19.67	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.99	Pass
			MCH	RB25#0	4.53	4.97	Pass
			HCH	RB25#0	4.53	4.97	Pass
10		LCH	RB50#0	9.01	9.98	Pass	
		MCH	RB50#0	9.00	9.88	Pass	
		HCH	RB50#0	9.02	9.93	Pass	
15		LCH	RB75#0	13.50	14.92	Pass	
		MCH	RB75#0	13.48	14.84	Pass	
		HCH	RB75#0	13.51	14.84	Pass	
20		LCH	RB100#0	17.98	19.68	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	18.01	19.78	Pass
			HCH	RB100#0	17.98	19.70	Pass

Part II - Test Plots

4.1 For LTE

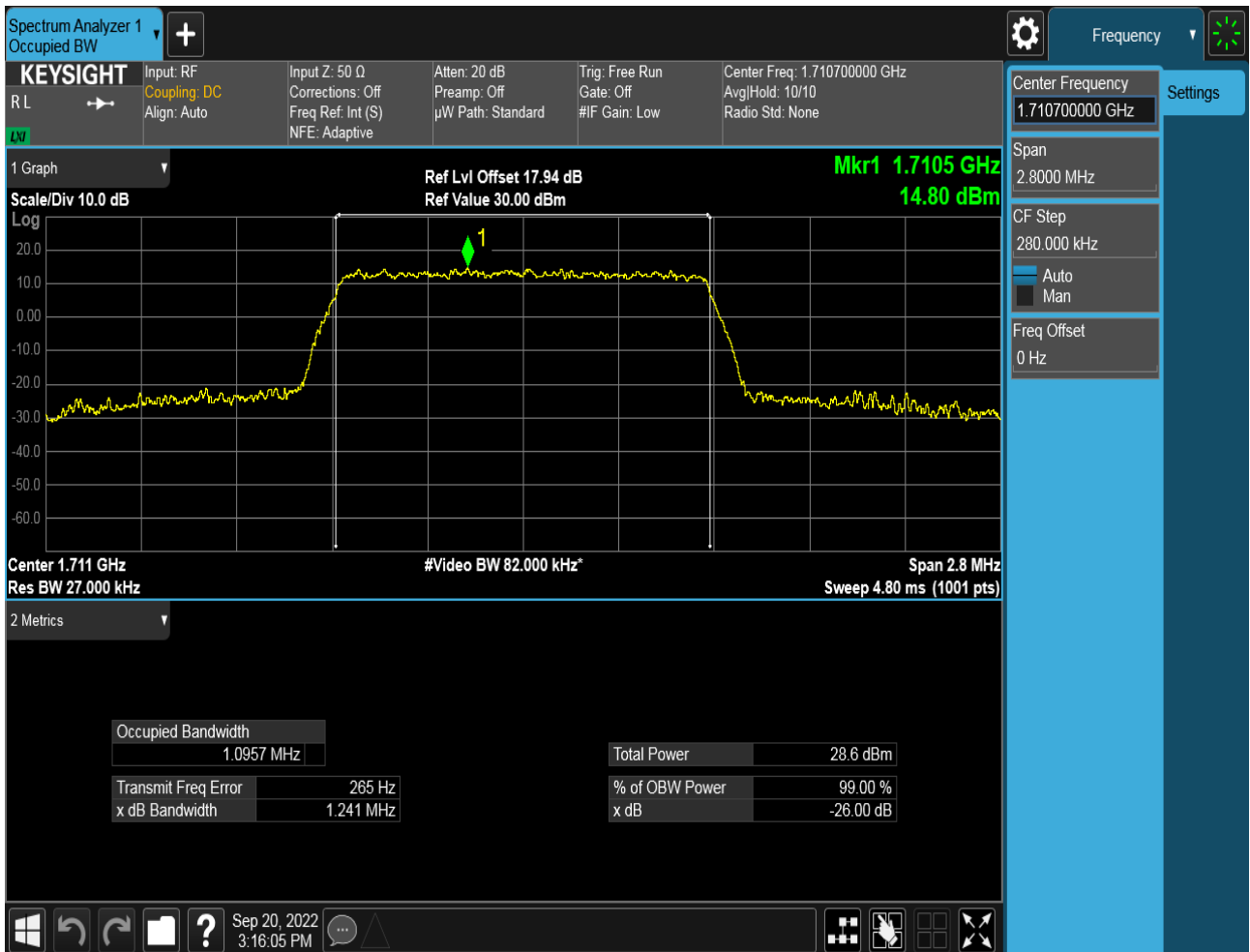
4.1.1 Test Band = Band4

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

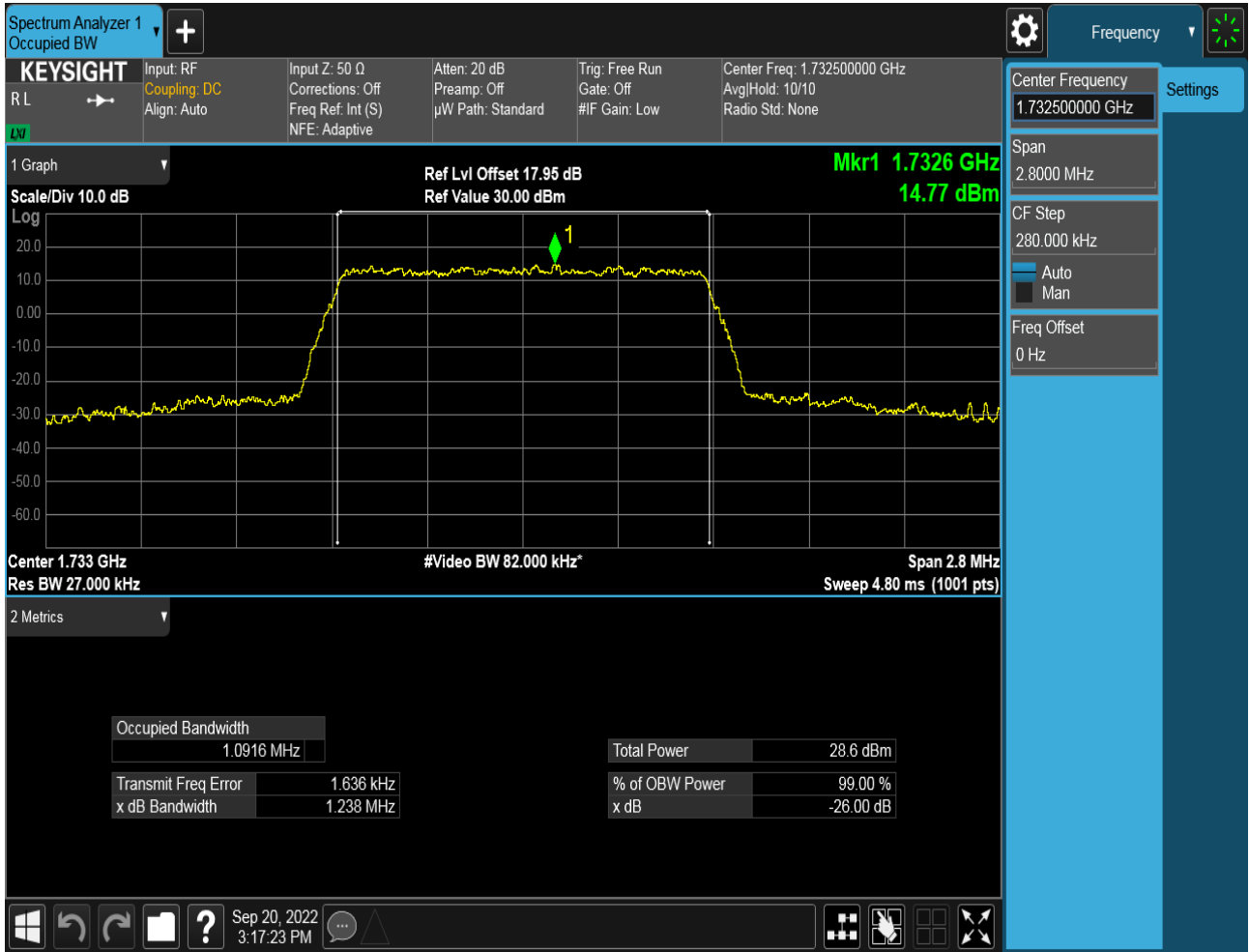
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

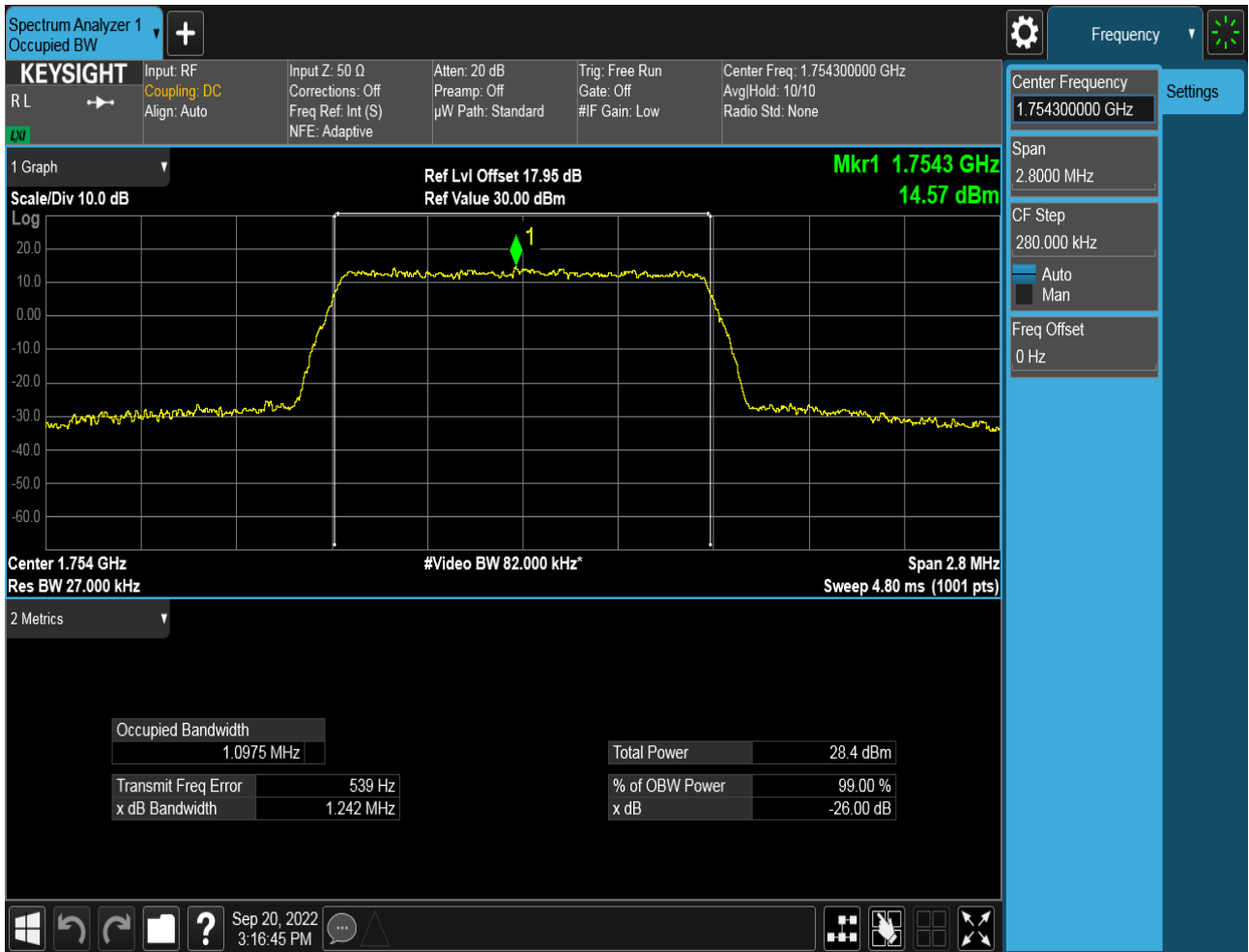
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

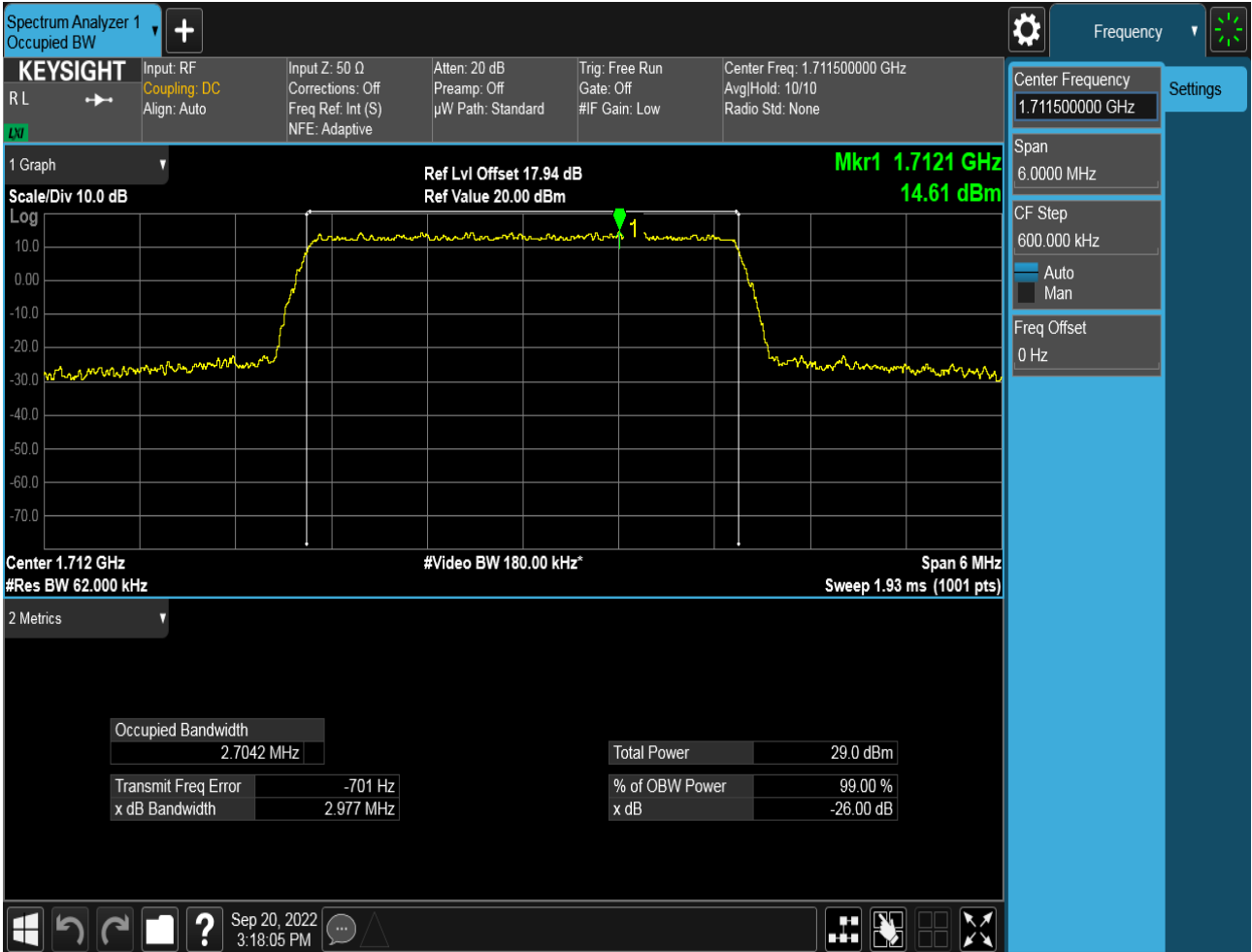




4.1.1.1.2 Test Bandwidth = 3MHz

4.1.1.1.2.1 Test Channel = LCH

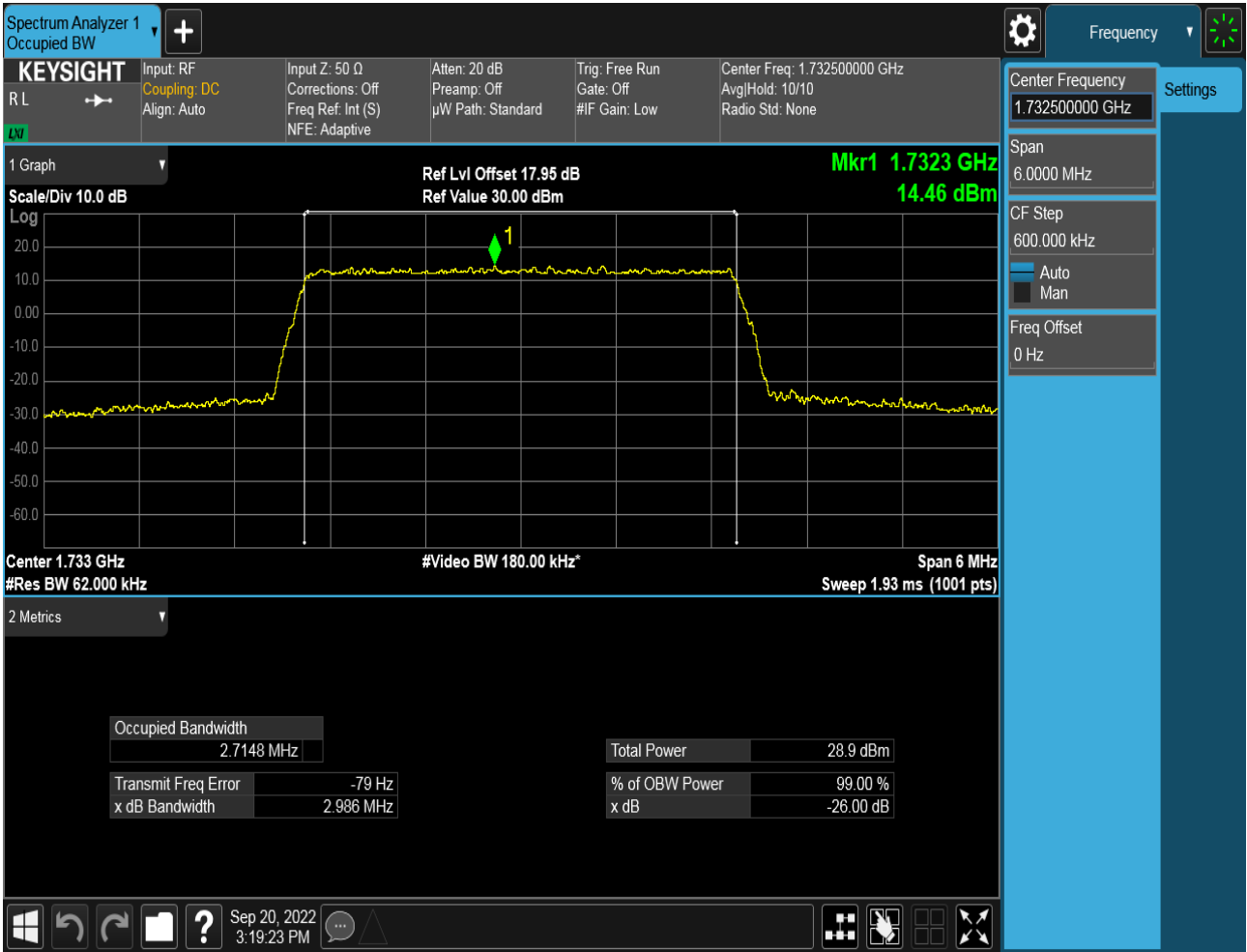
4.1.1.1.2.1.1 Test RB = RB15#0





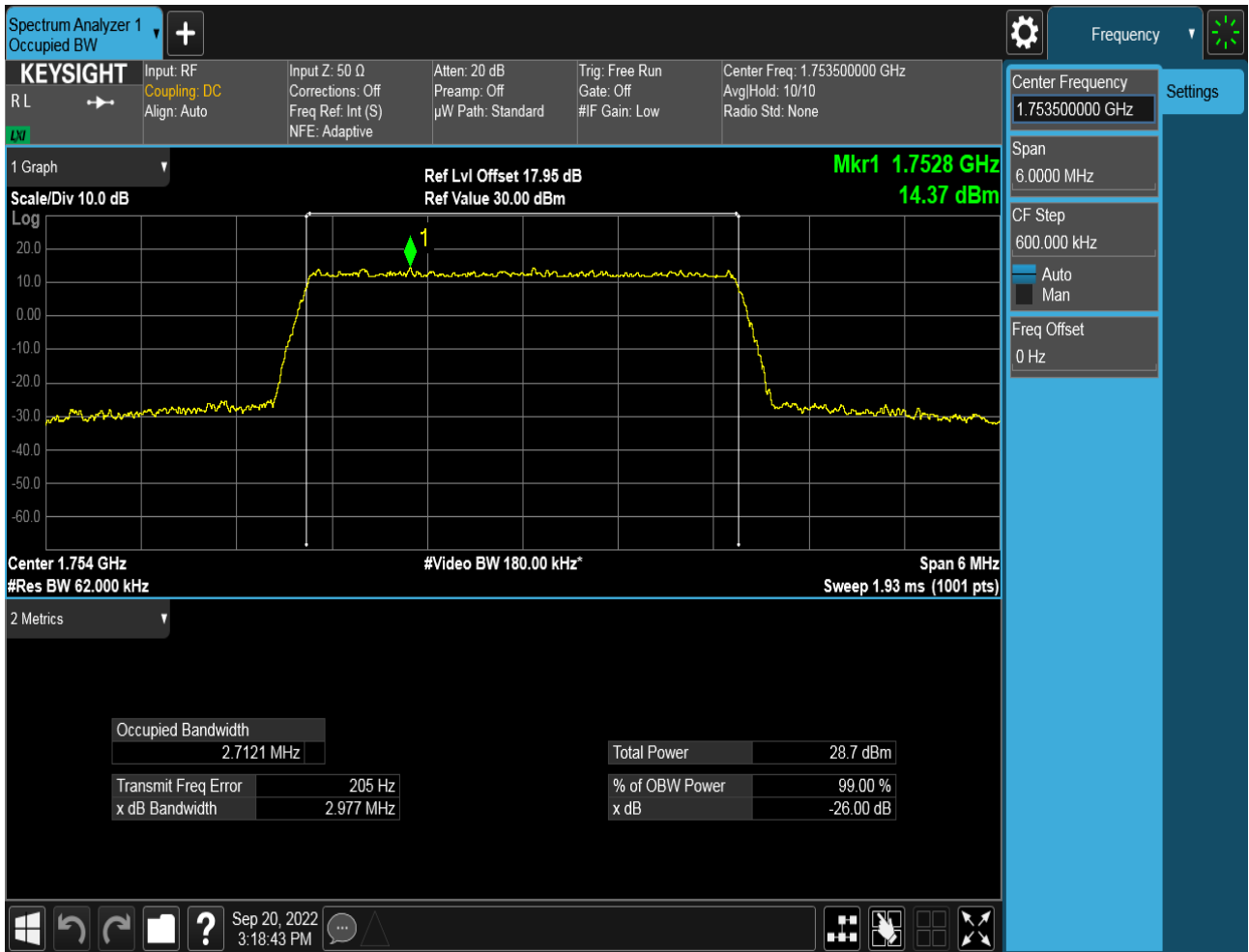
4.1.1.1.2.2 Test Channel = MCH

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

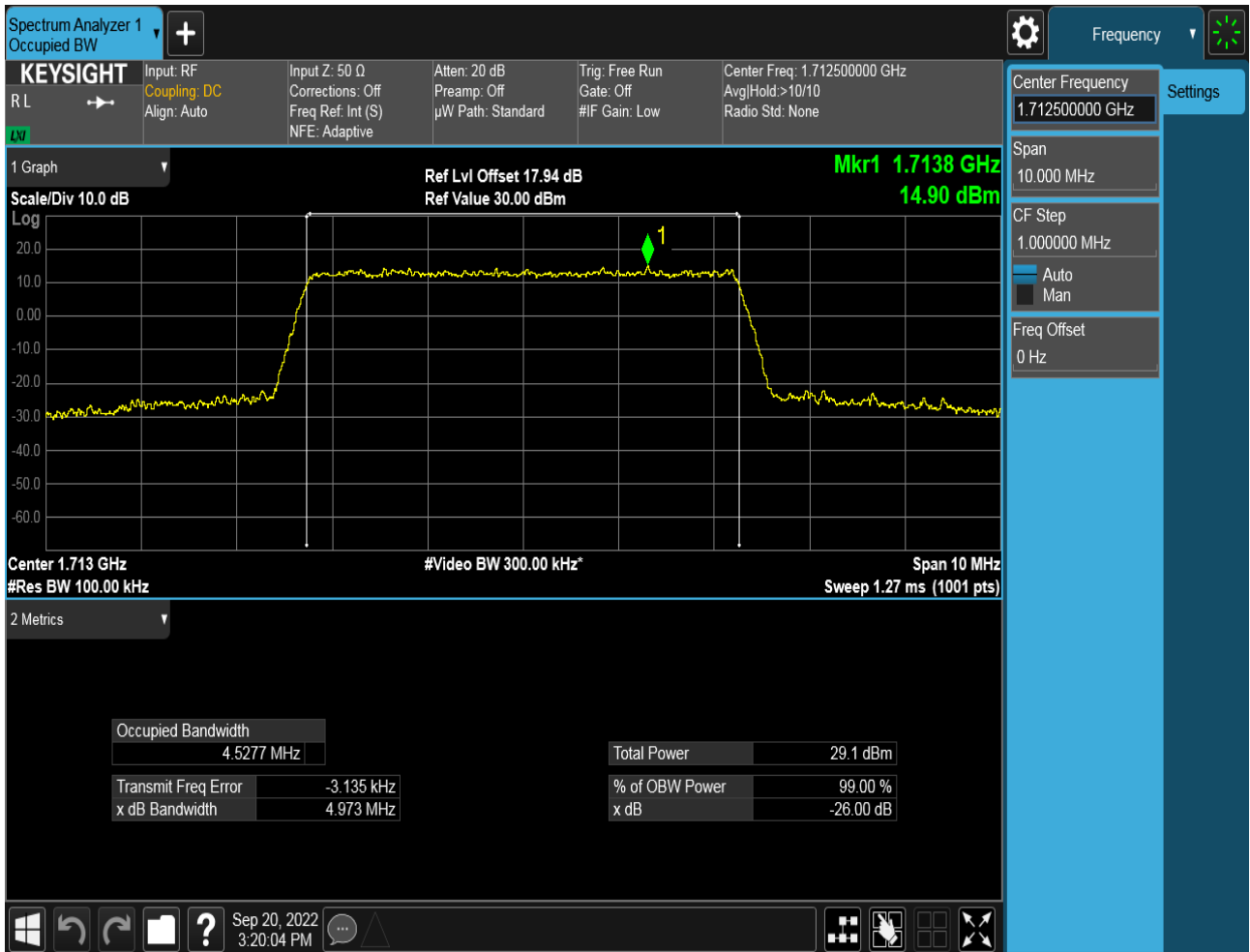




4.1.1.1.3 Test Bandwidth = 5MHz

4.1.1.1.3.1 Test Channel = LCH

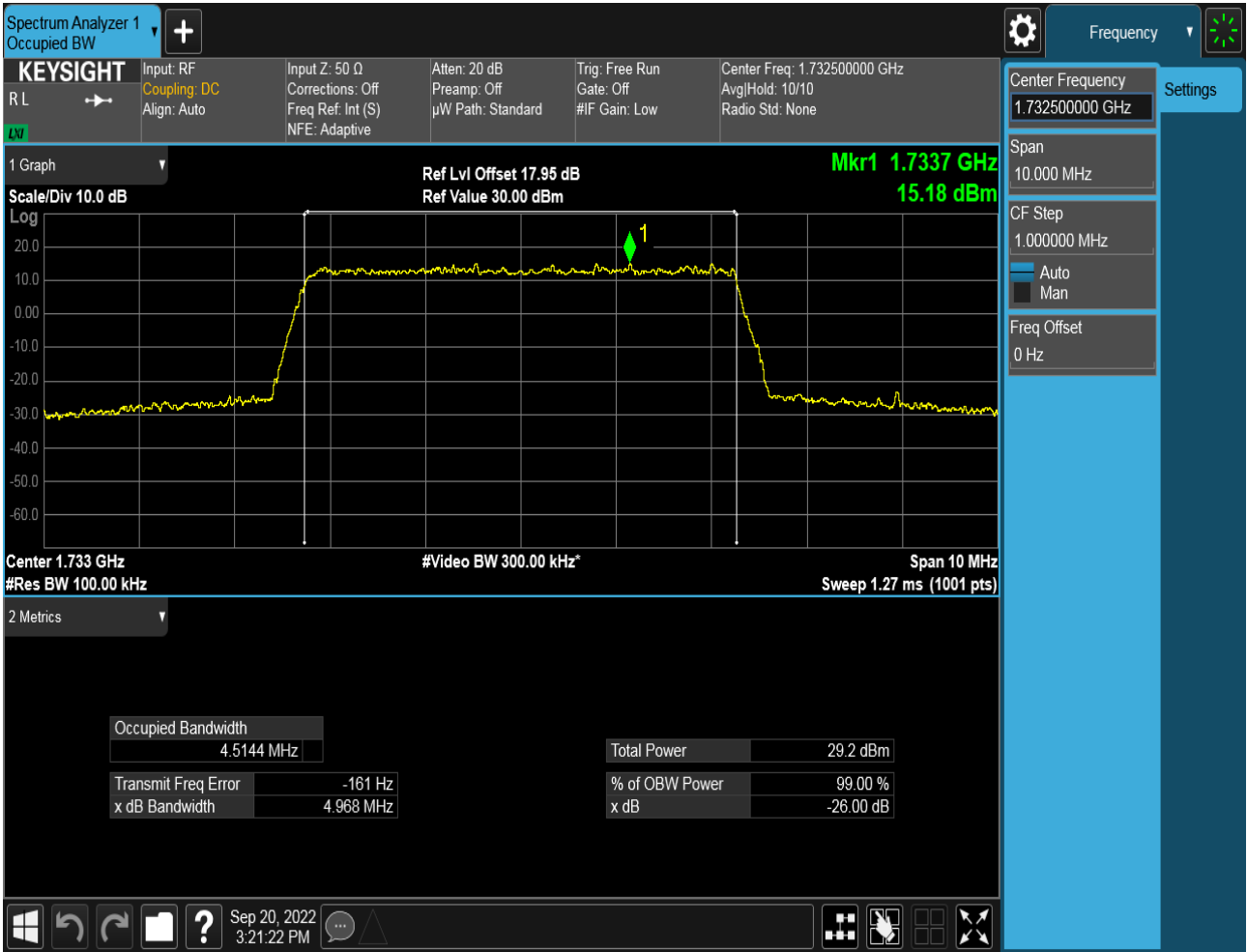
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

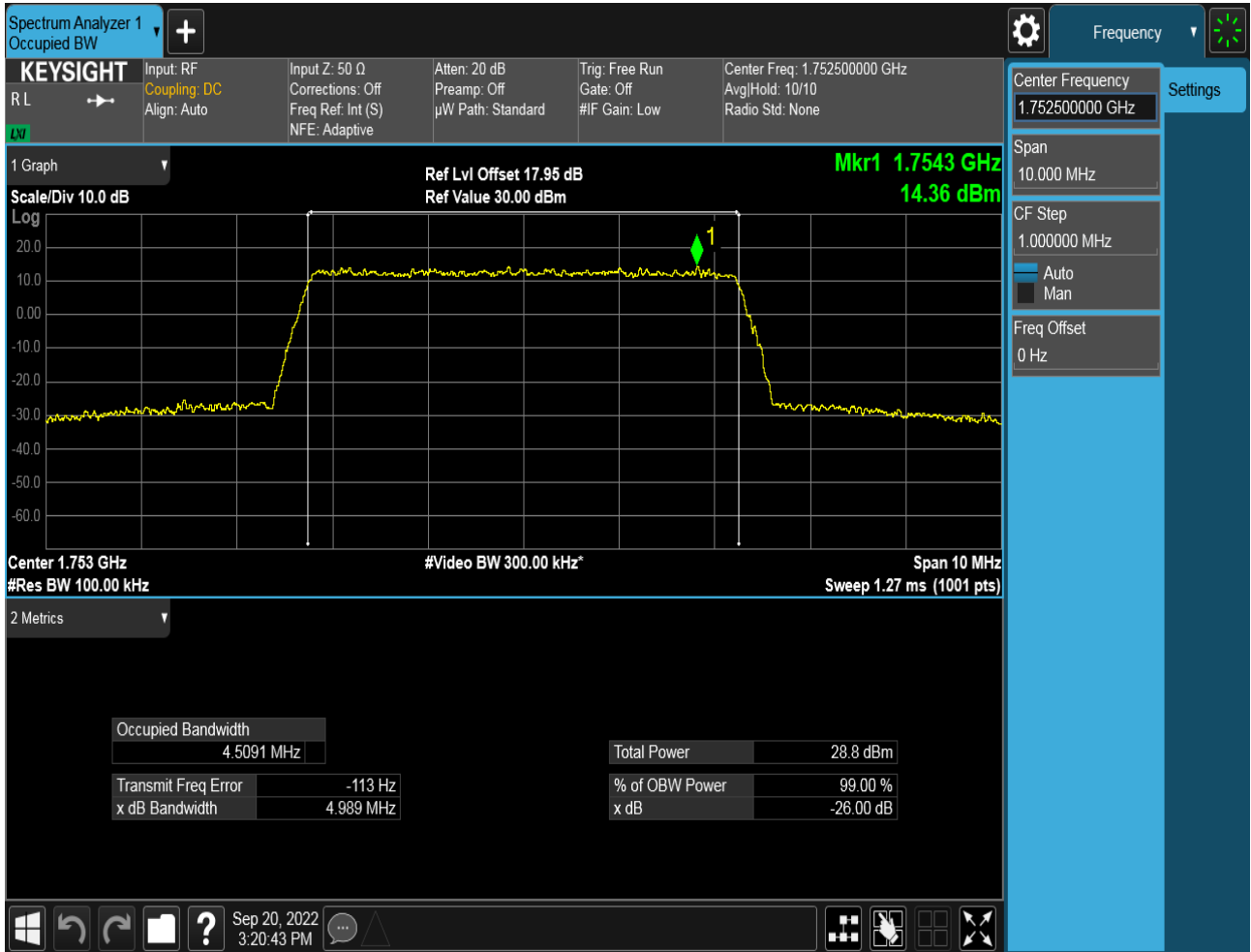
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

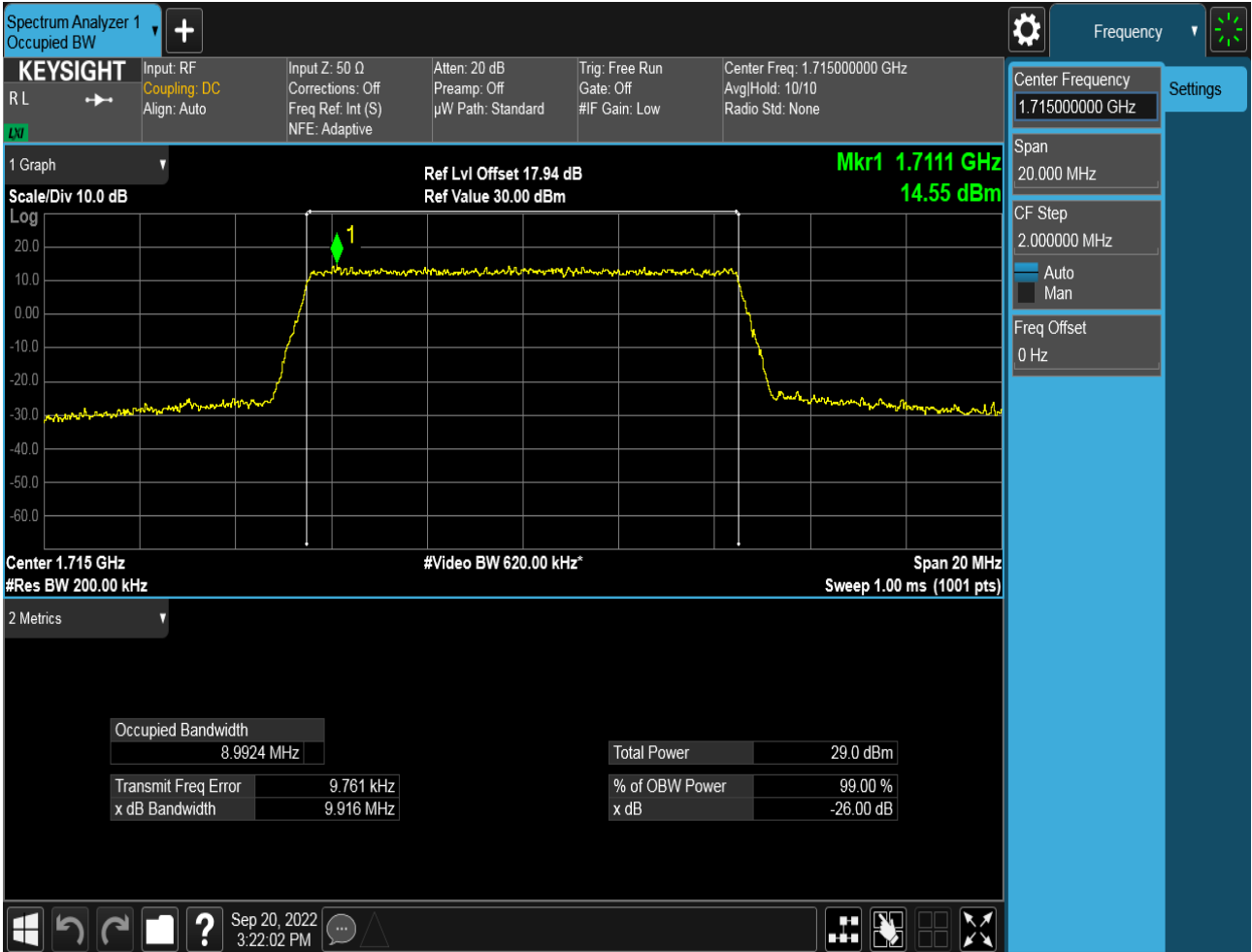




4.1.1.1.4 Test Bandwidth = 10MHz

4.1.1.1.4.1 Test Channel = LCH

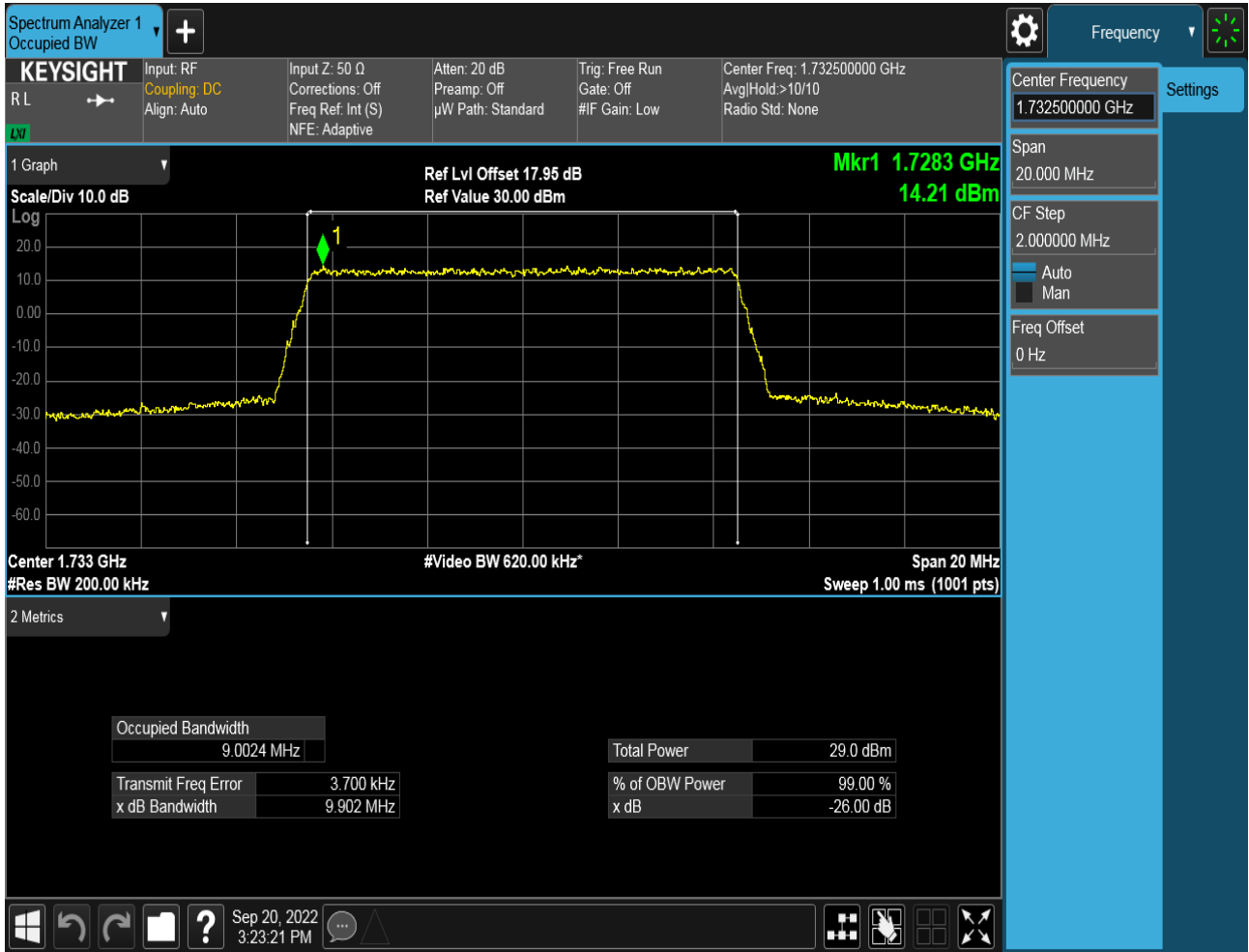
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

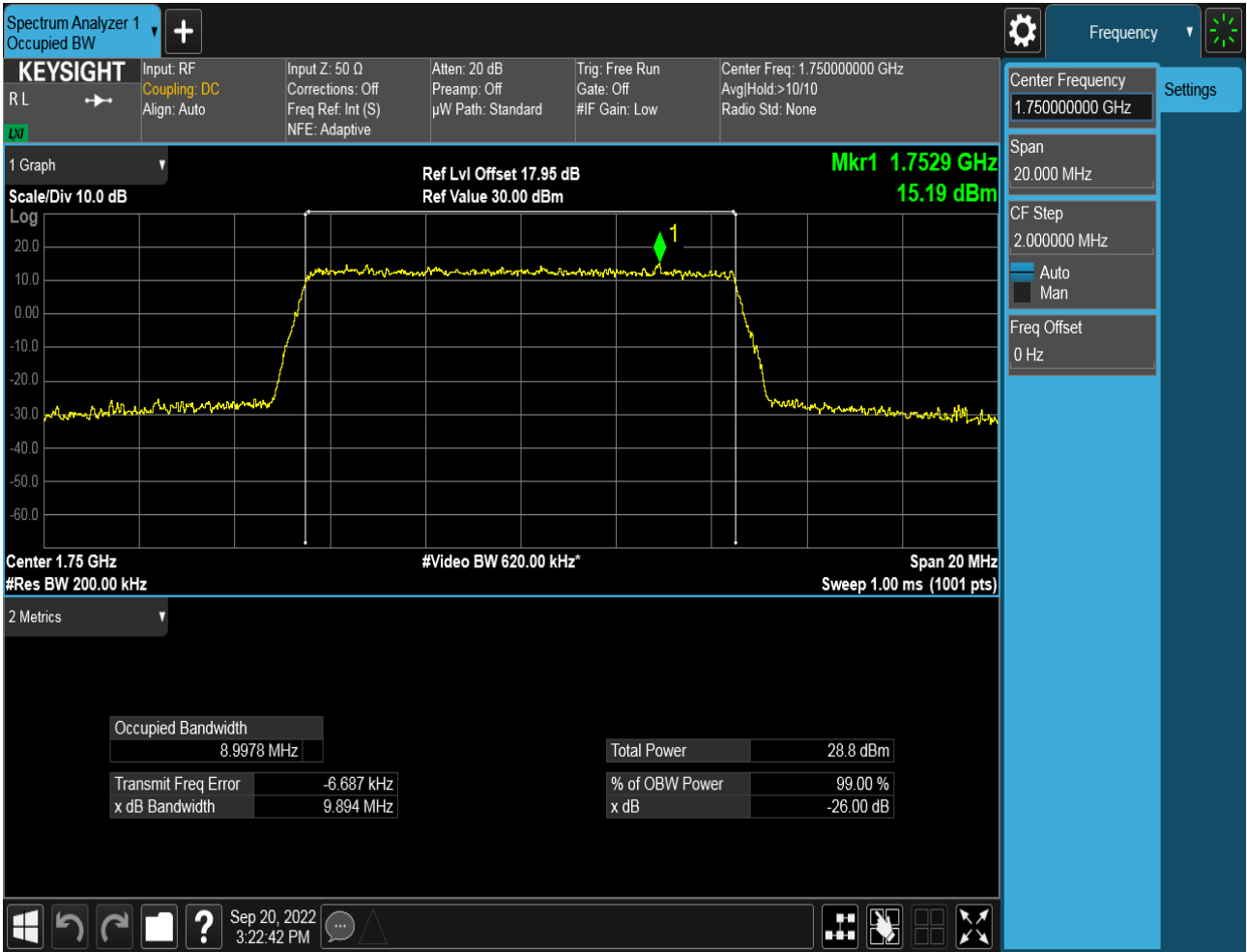
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

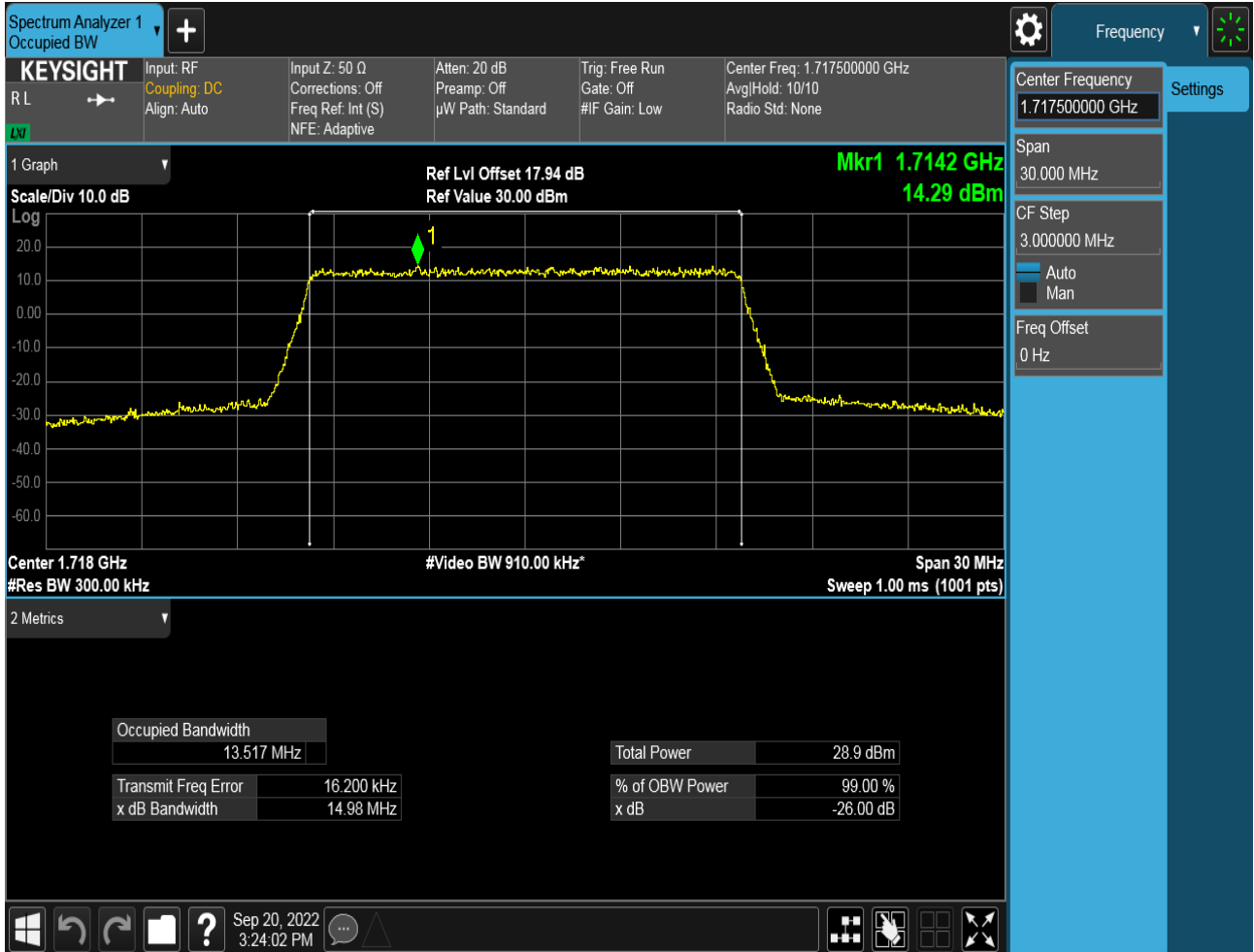




4.1.1.1.5 Test Bandwidth = 15MHz

4.1.1.1.5.1 Test Channel = LCH

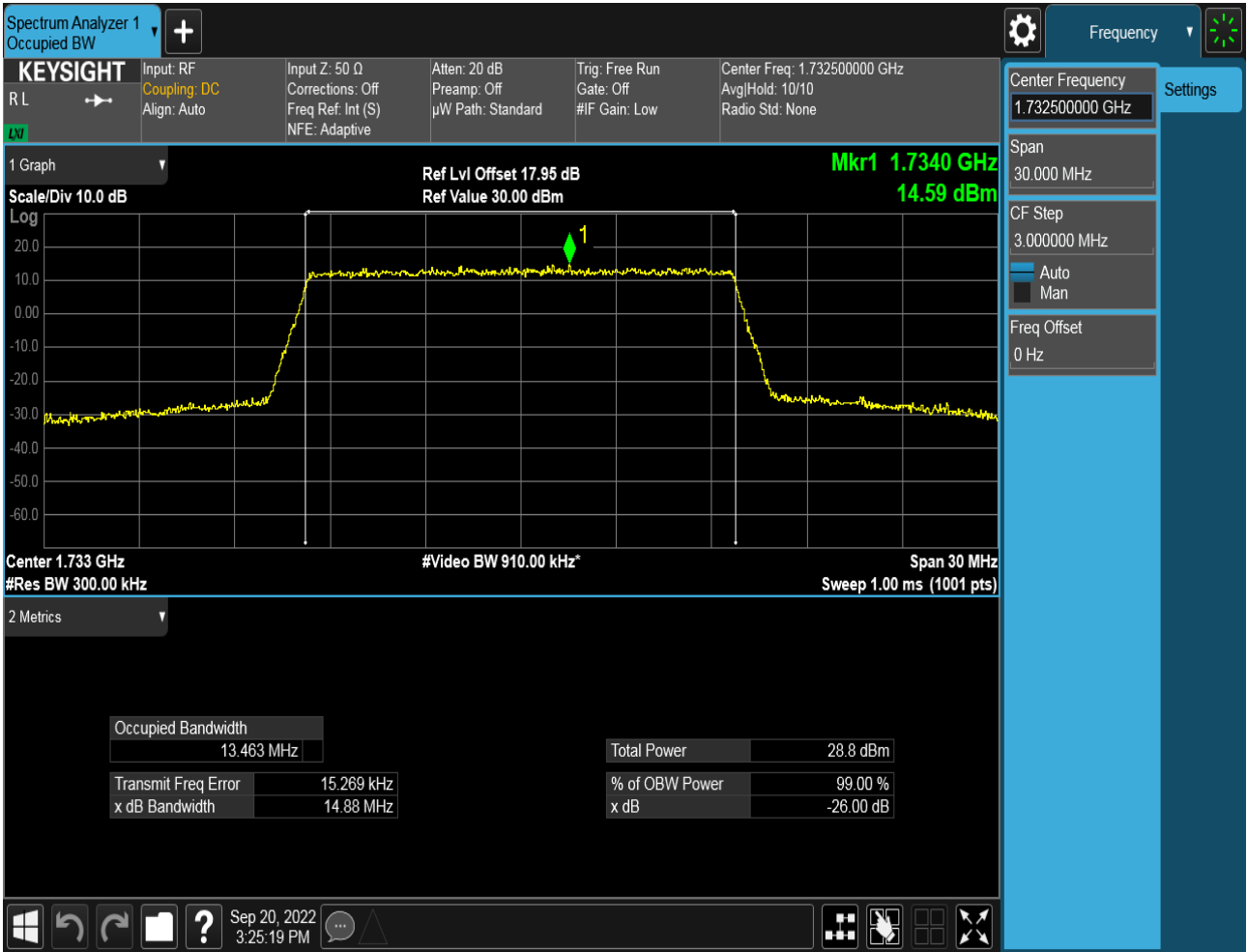
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

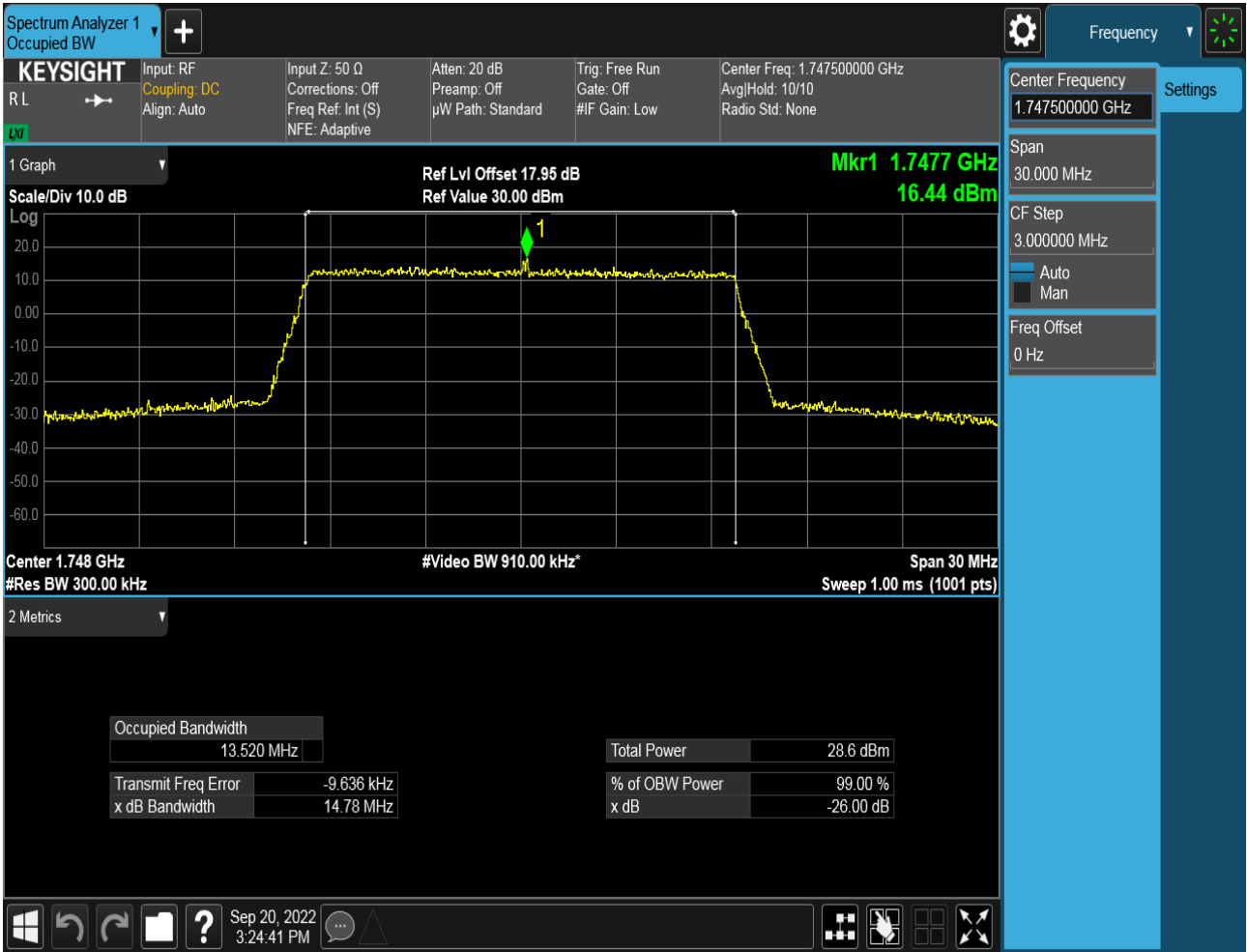
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

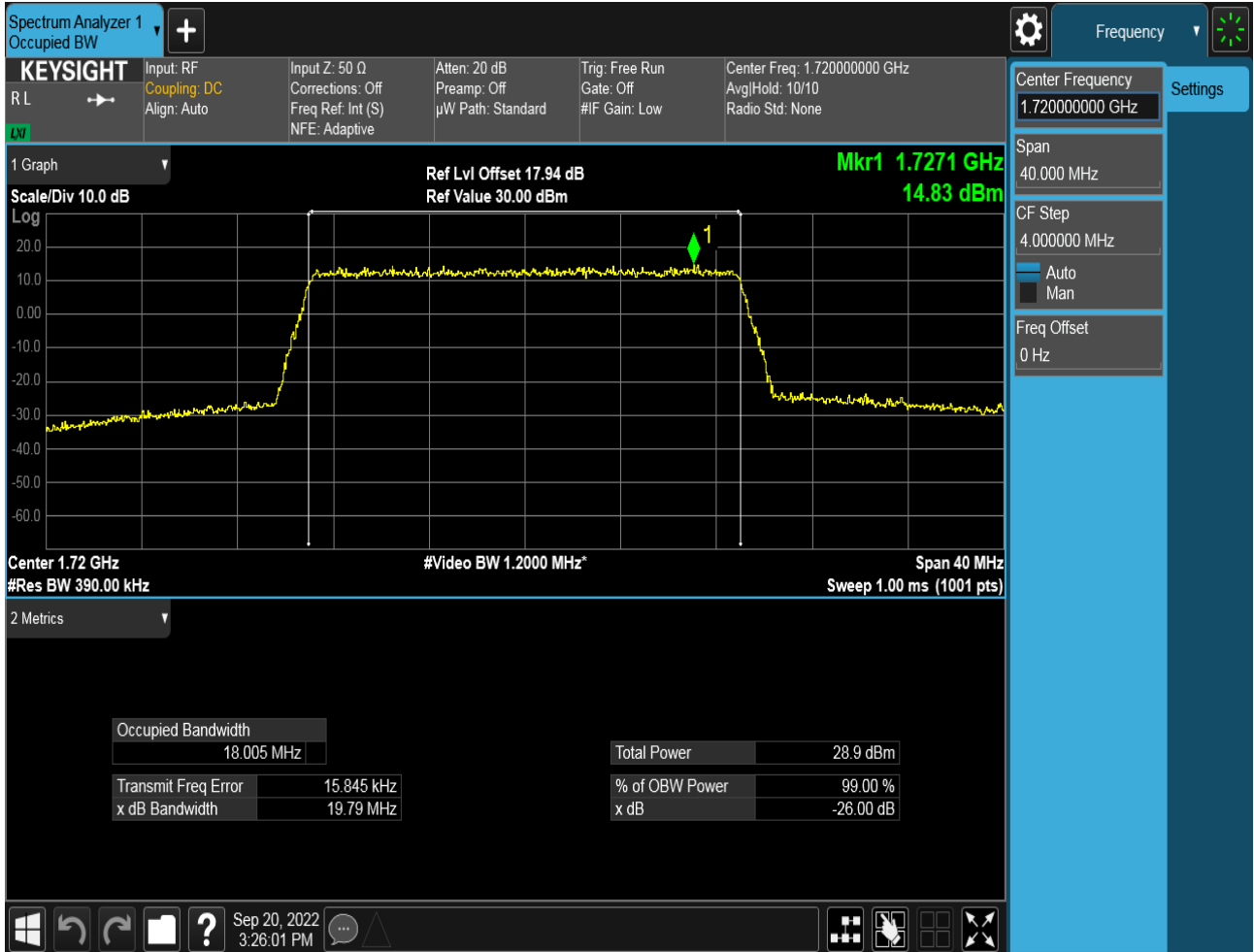




4.1.1.1.6 Test Bandwidth = 20MHz

4.1.1.1.6.1 Test Channel = LCH

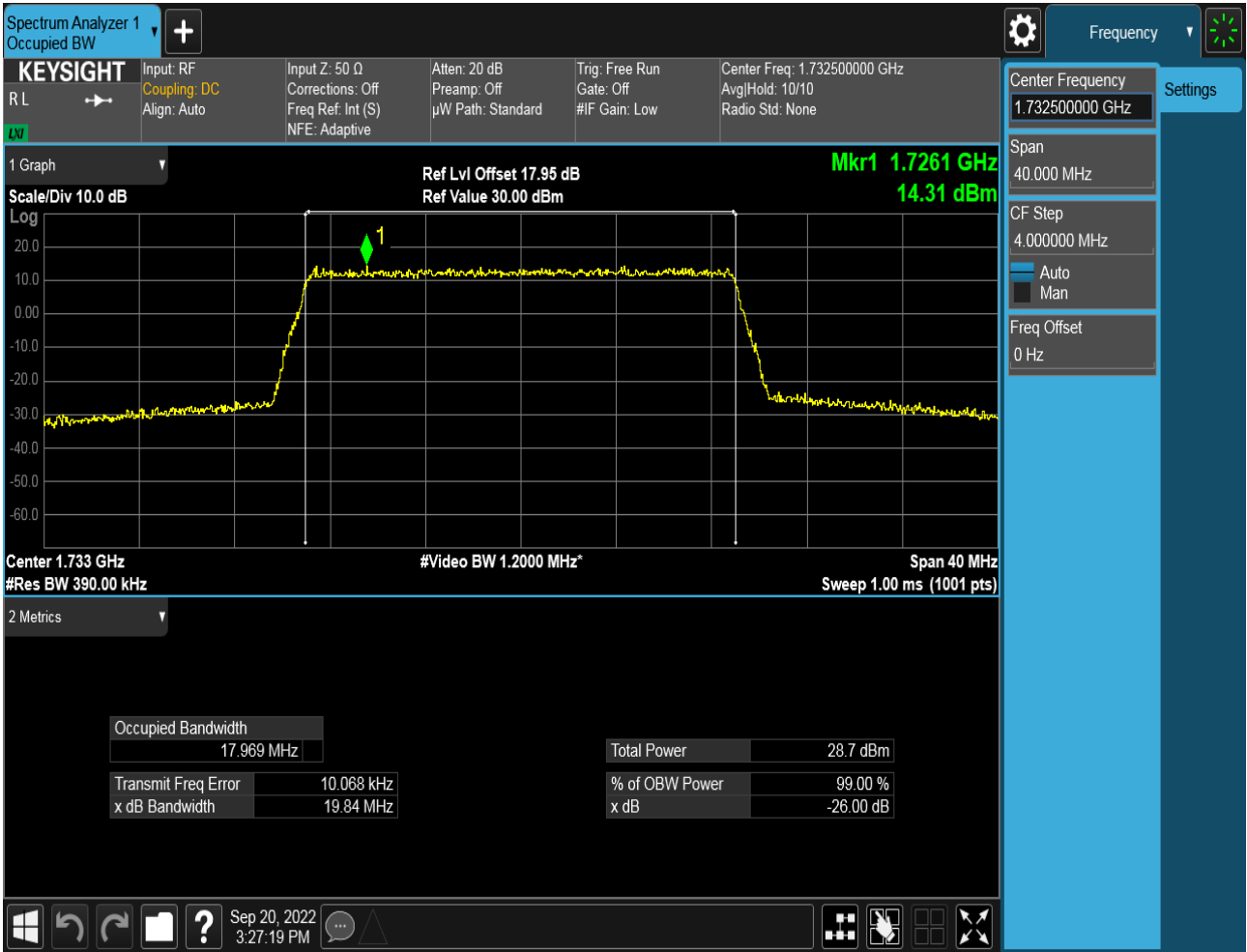
4.1.1.1.6.1.1 Test RB = RB100#0





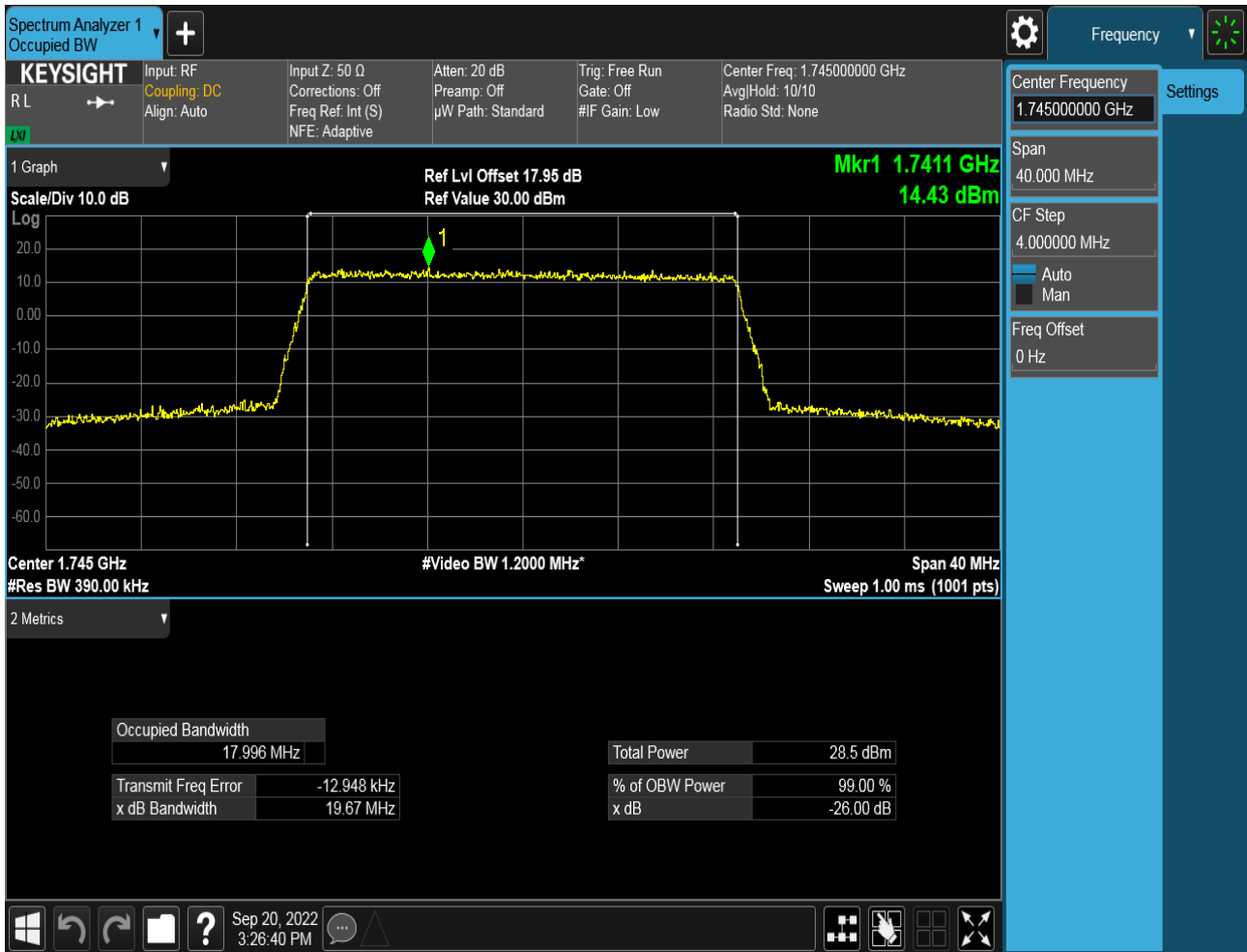
4.1.1.1.6.2 Test Channel = MCH

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



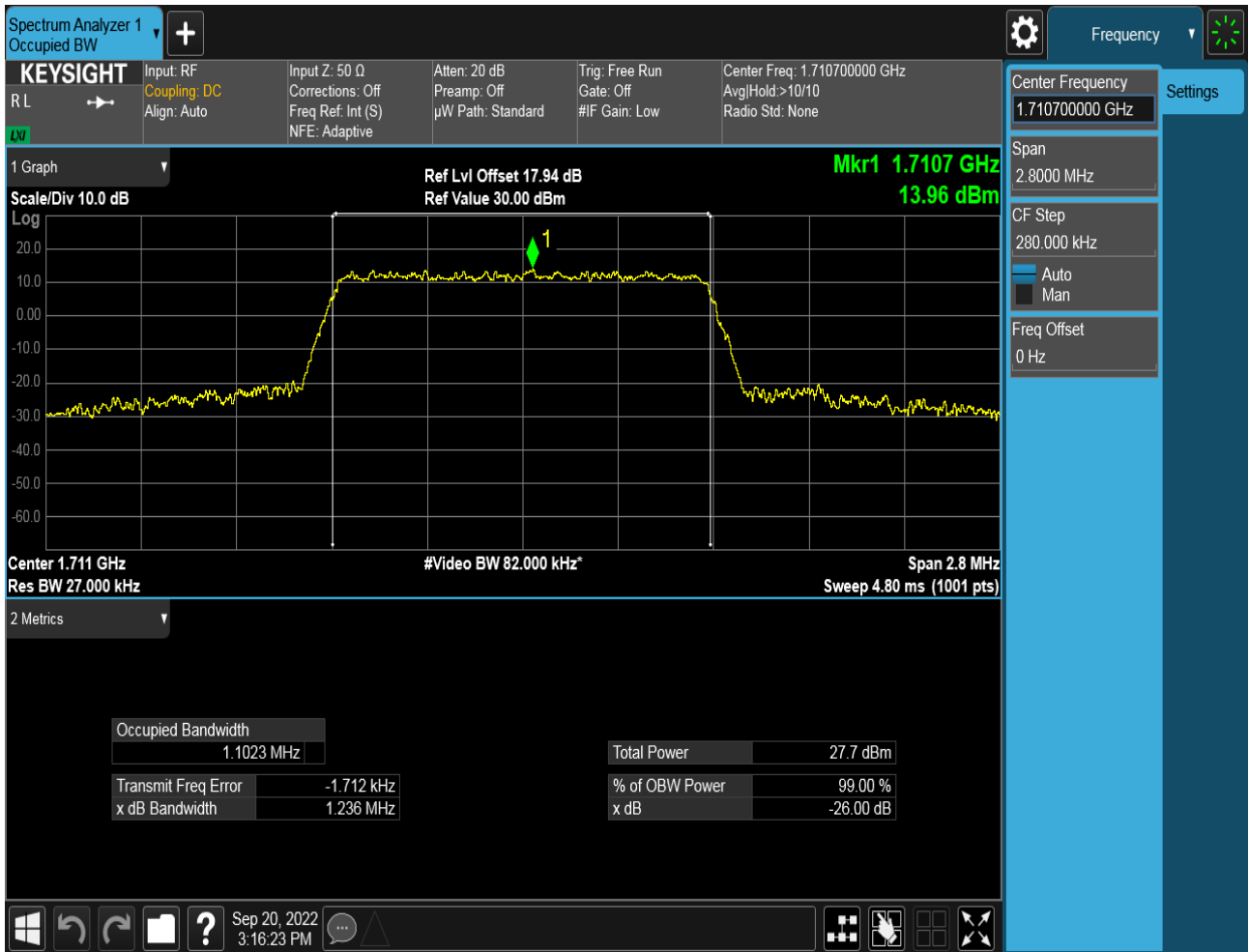


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4MHz

4.1.1.2.1.1 Test Channel = LCH

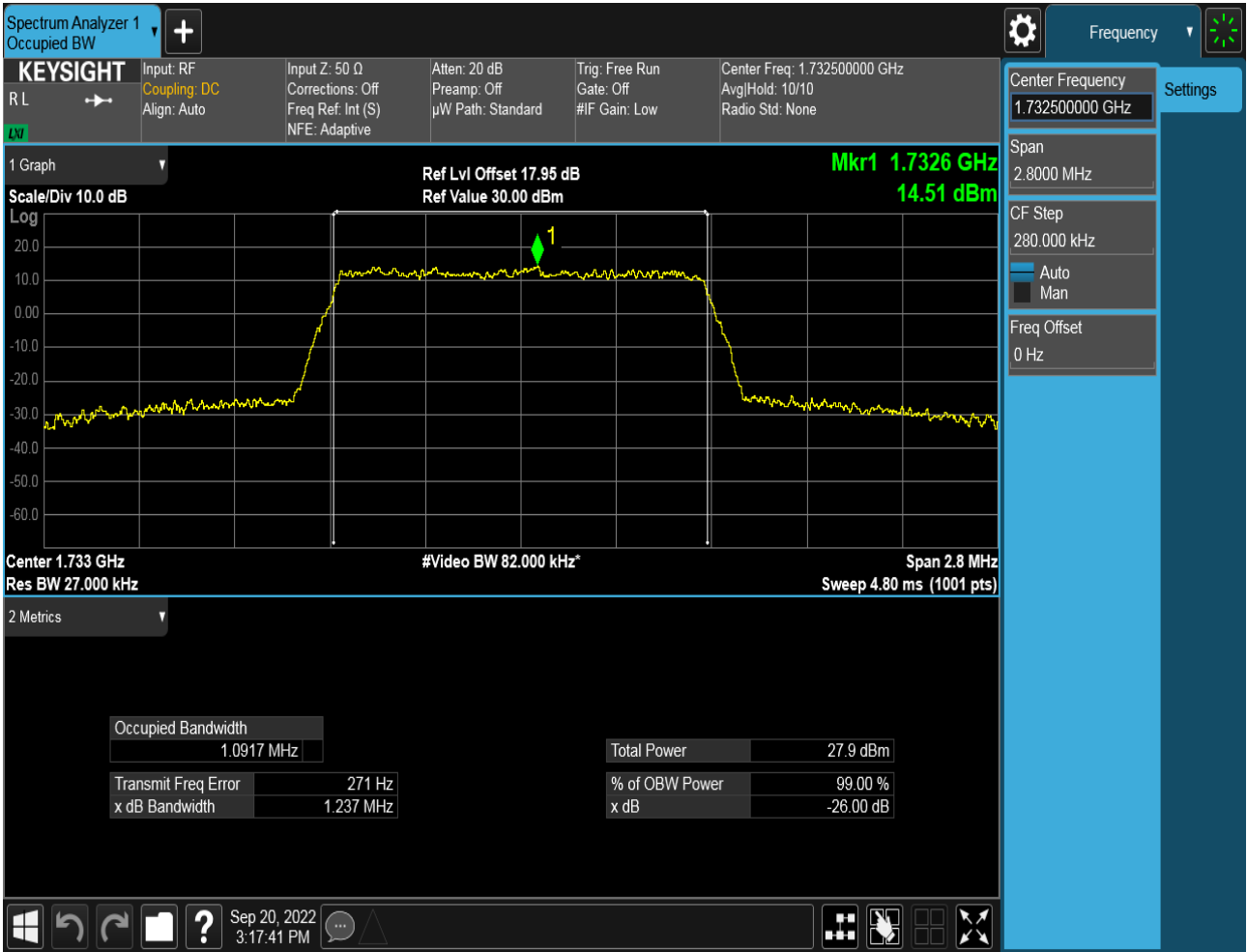
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

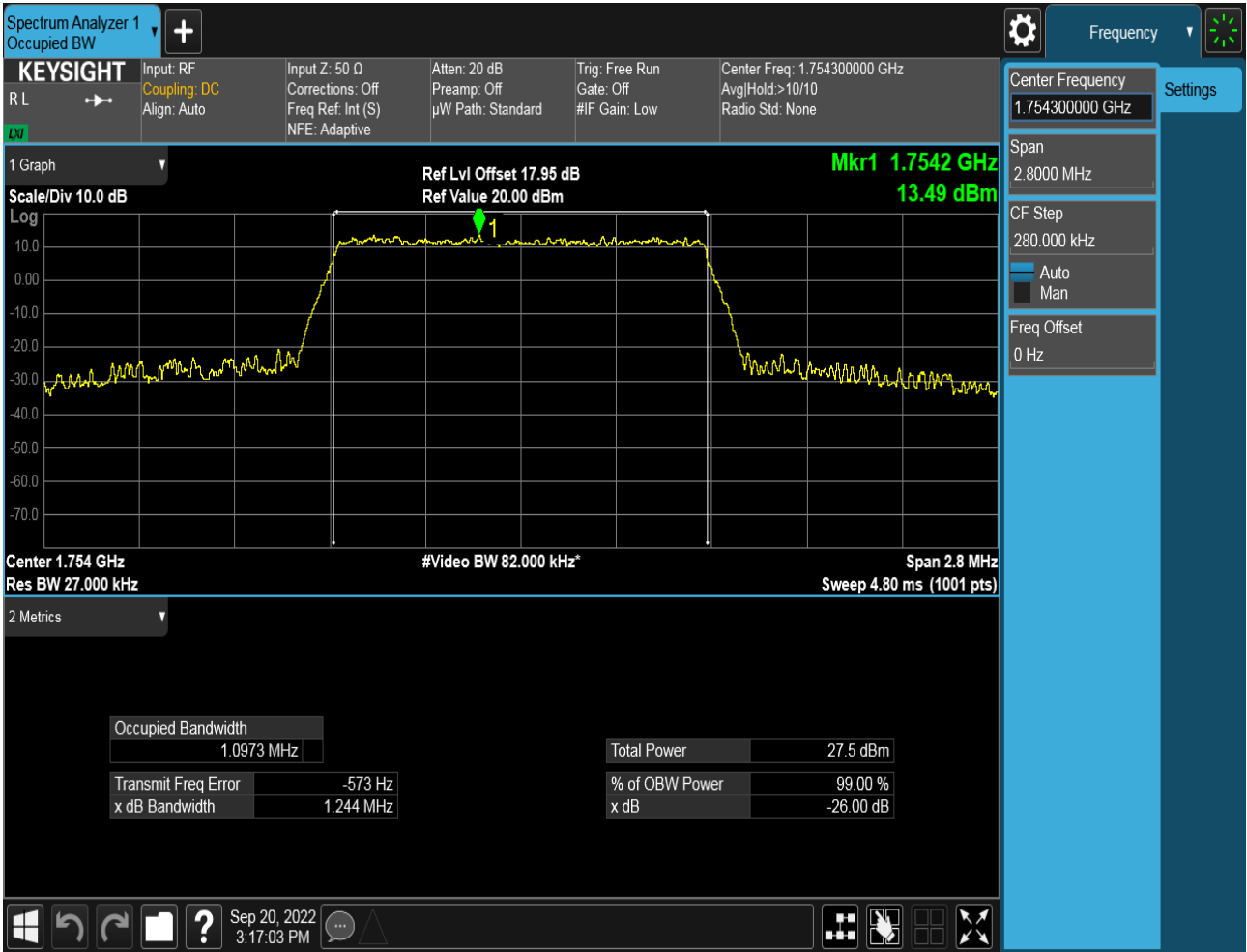
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

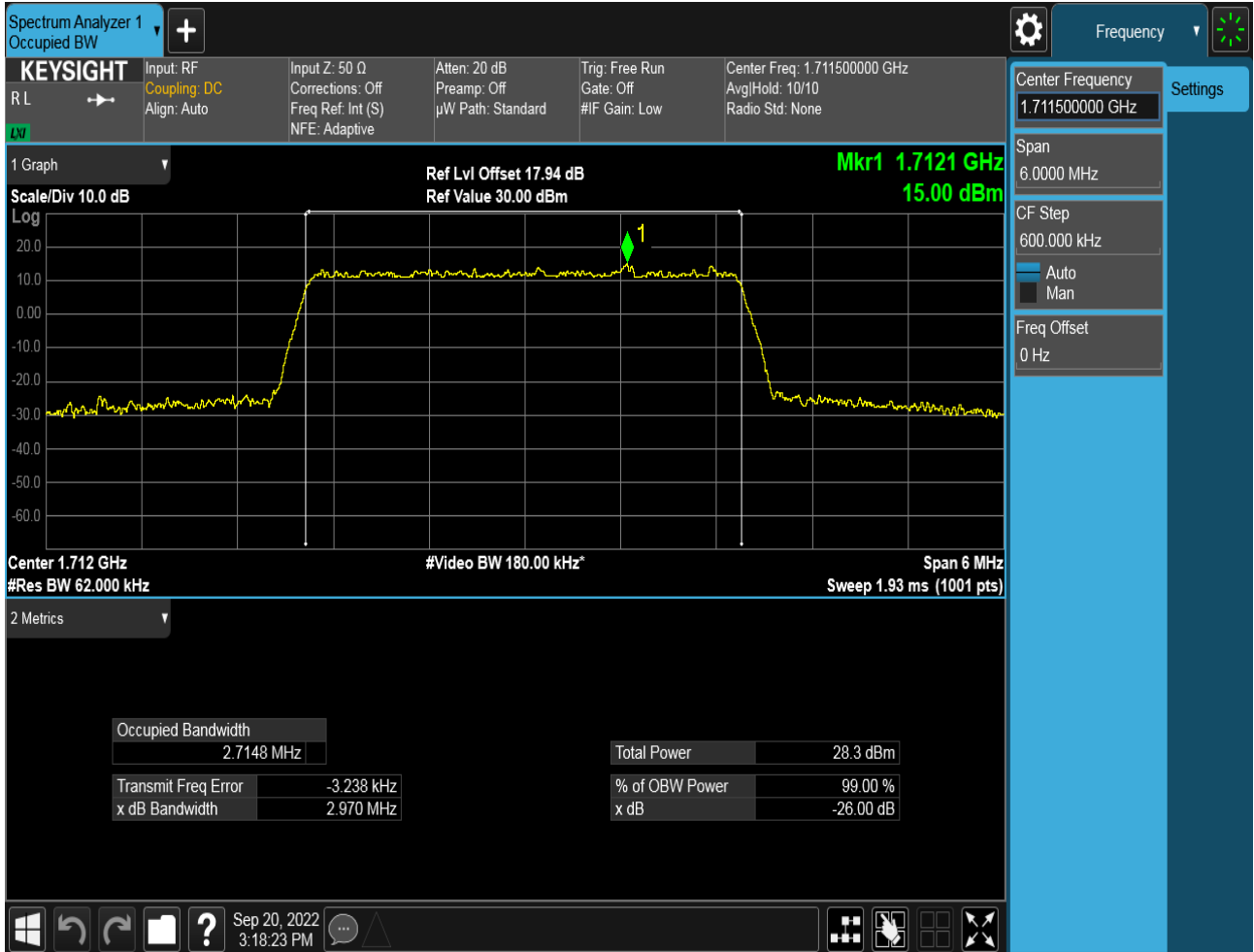




4.1.1.2.2 Test Bandwidth = 3MHz

4.1.1.2.2.1 Test Channel = LCH

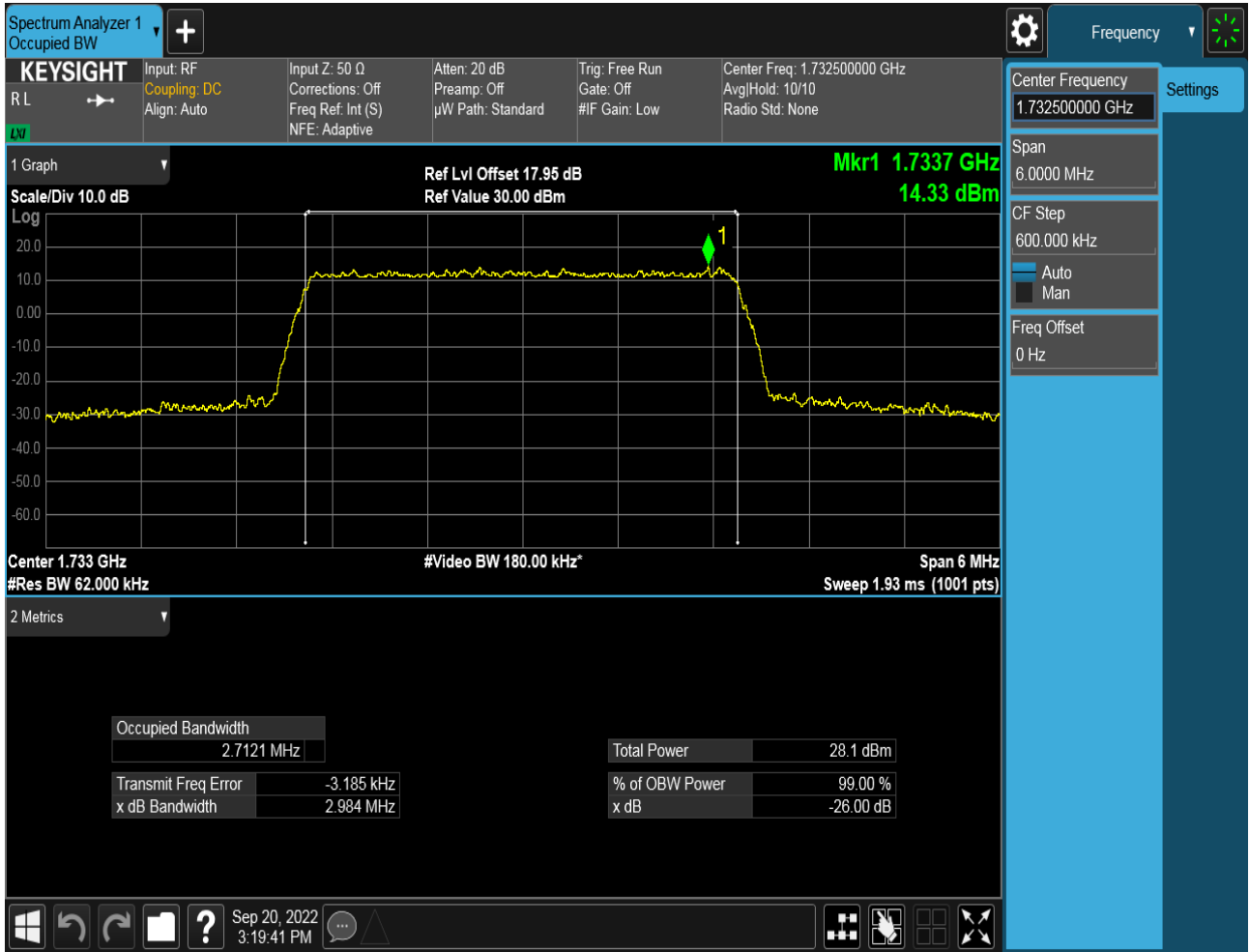
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

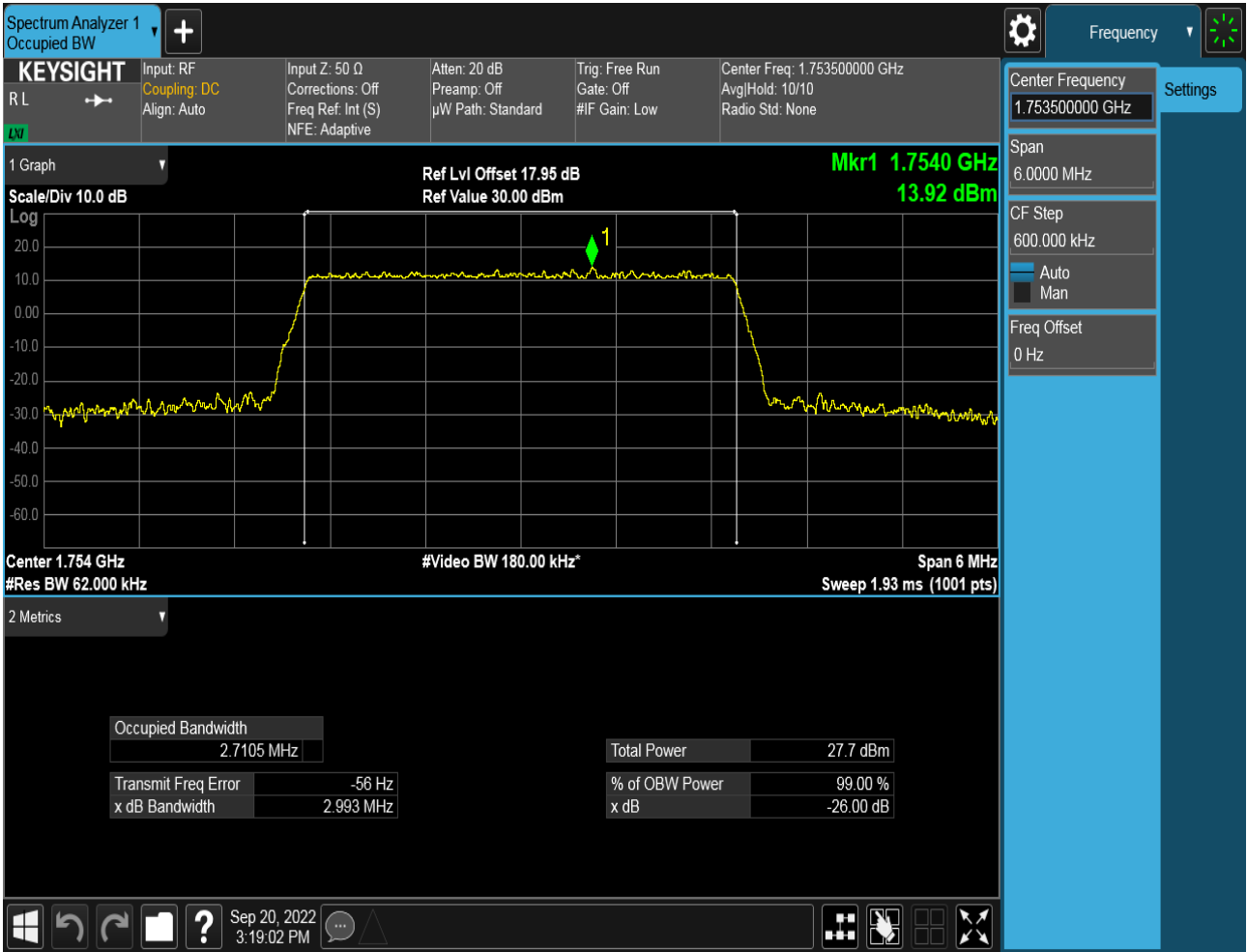
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

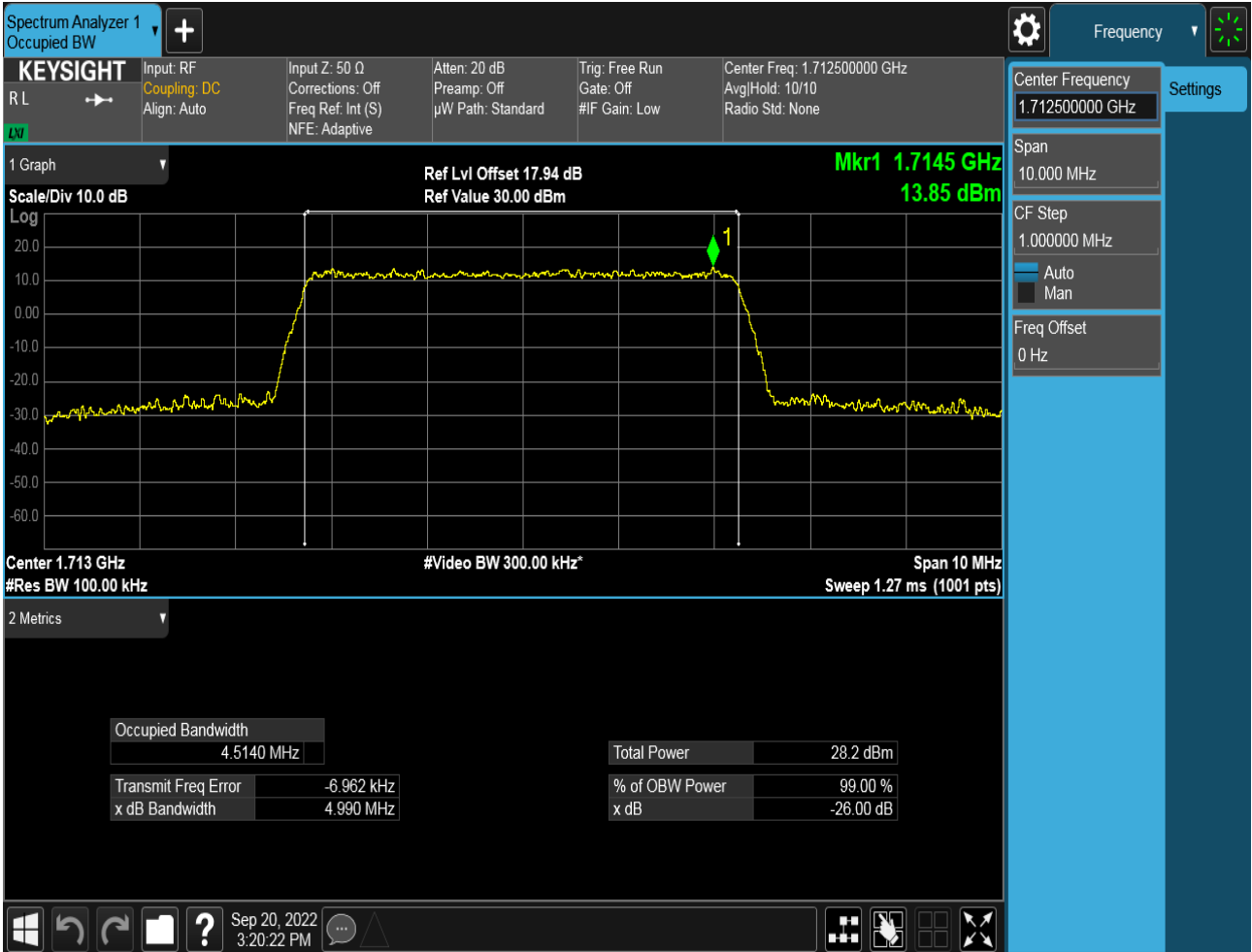




4.1.1.2.3 Test Bandwidth = 5MHz

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

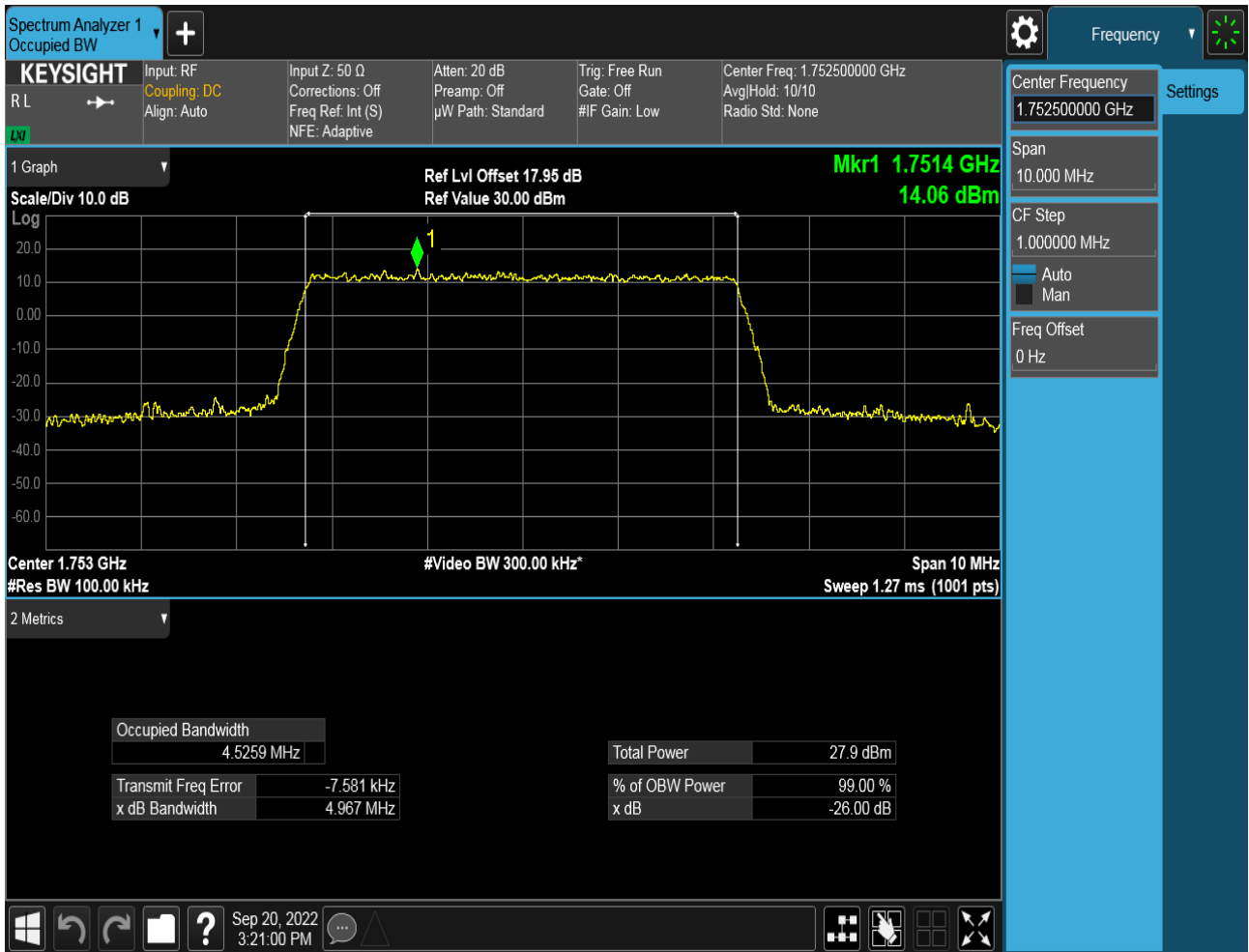
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

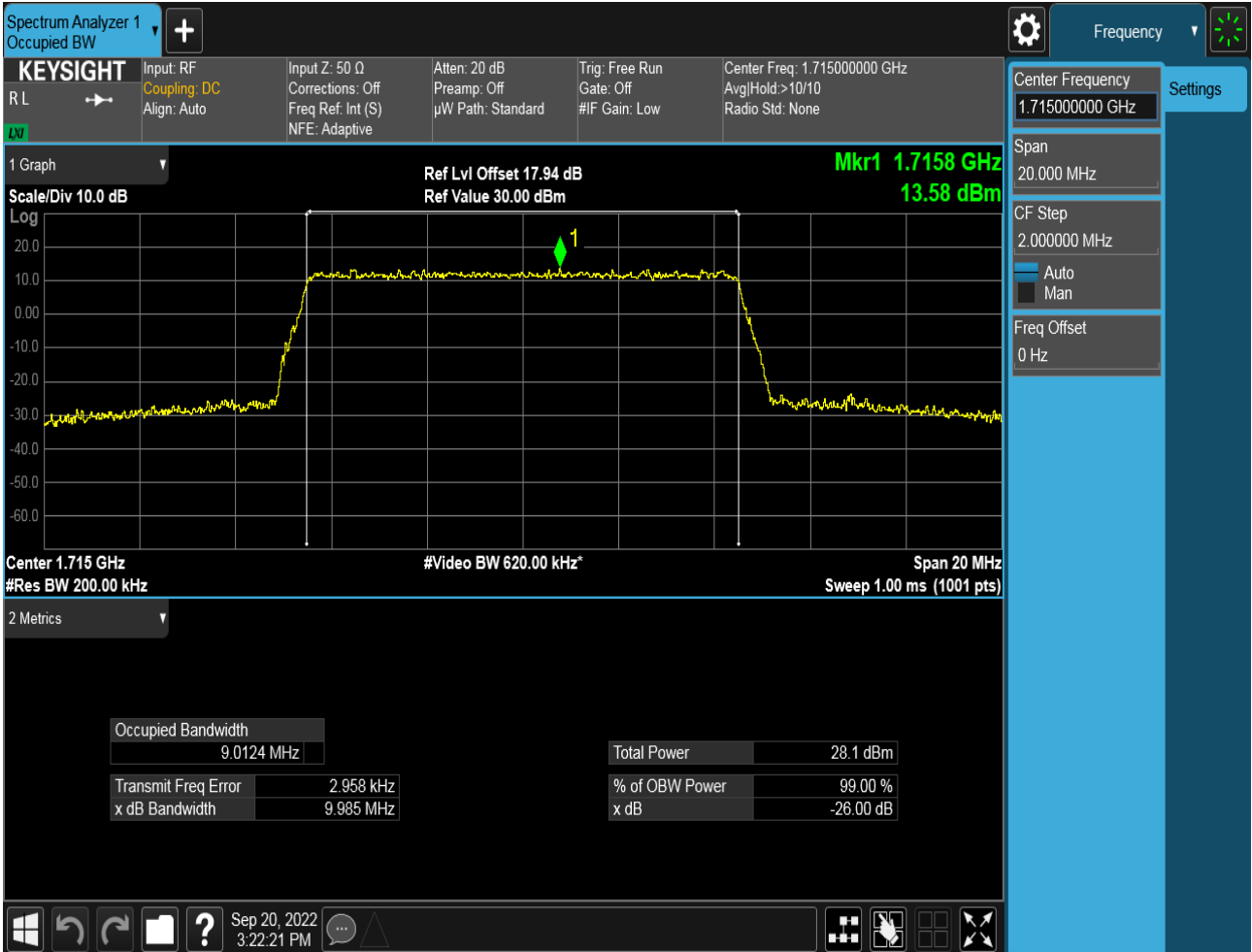




4.1.1.2.4 Test Bandwidth = 10MHz

4.1.1.2.4.1 Test Channel = LCH

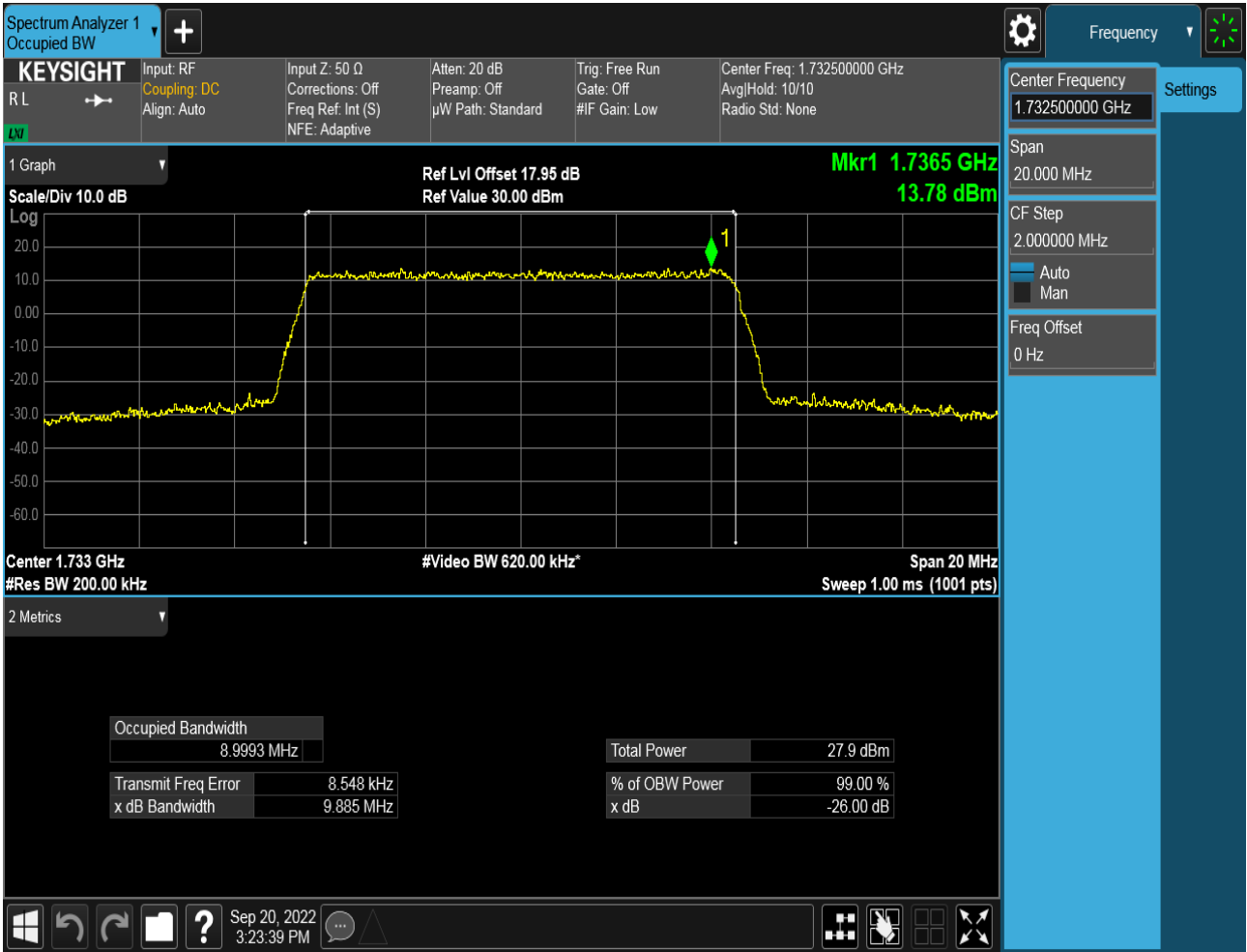
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

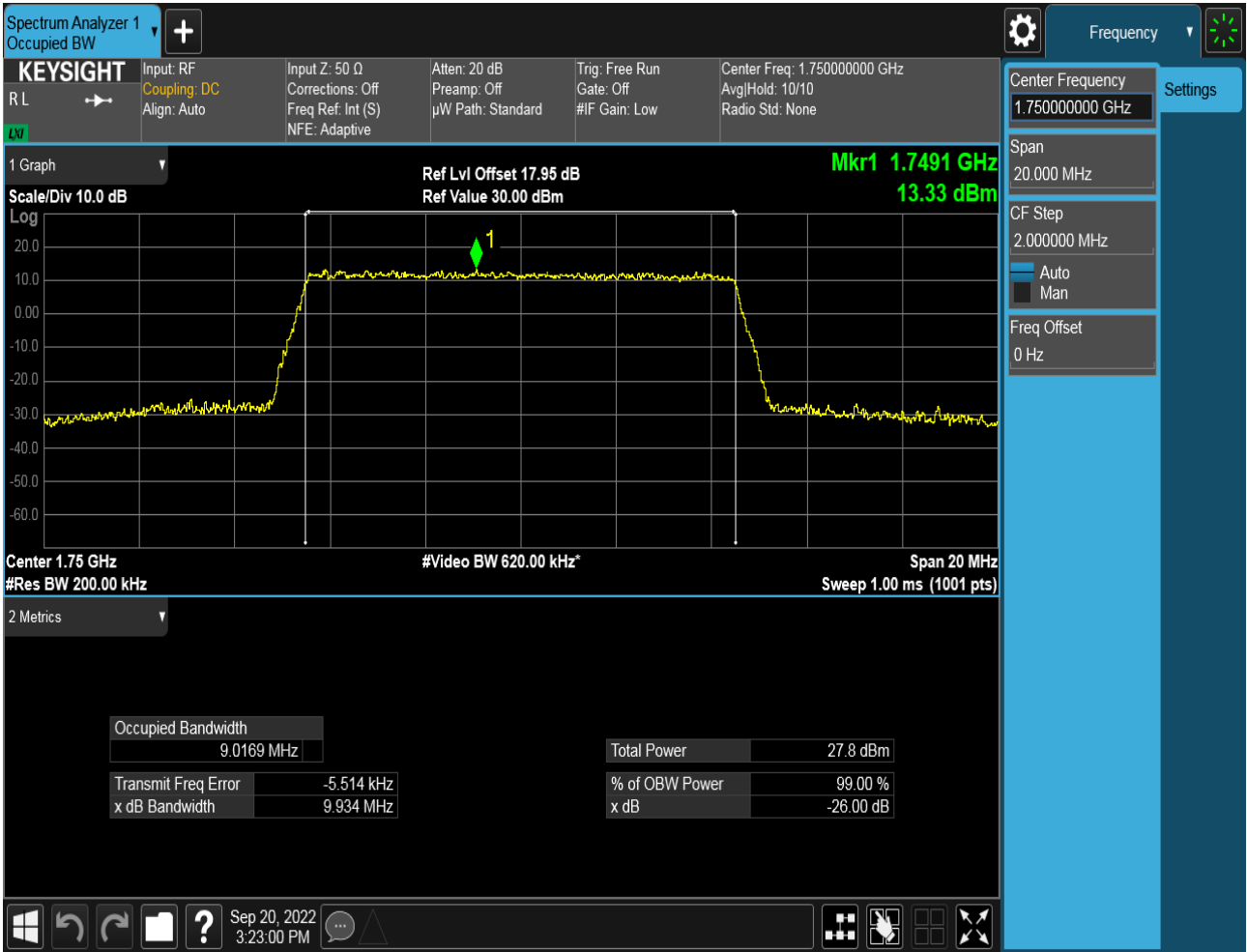
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

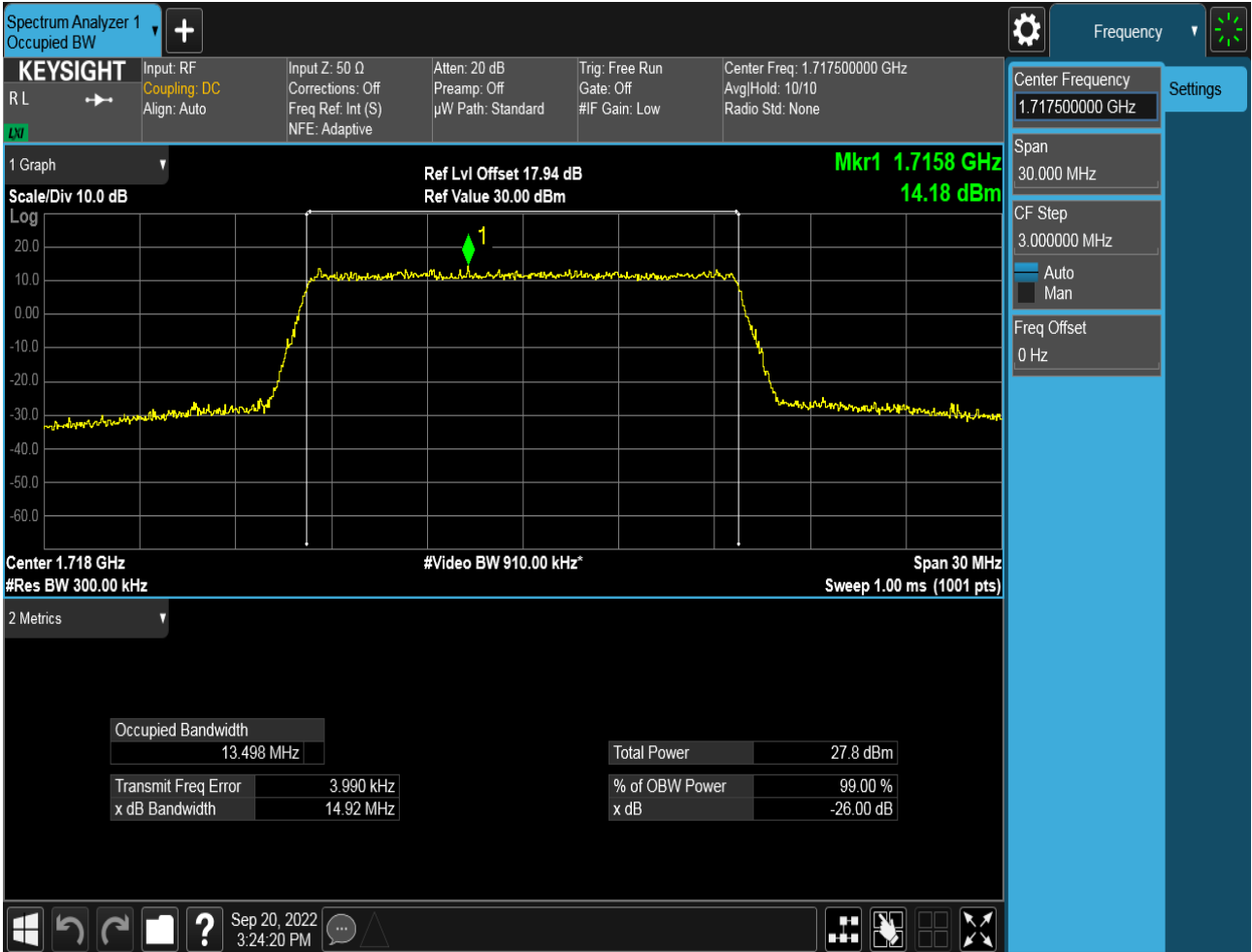




4.1.1.2.5 Test Bandwidth = 15MHz

4.1.1.2.5.1 Test Channel = LCH

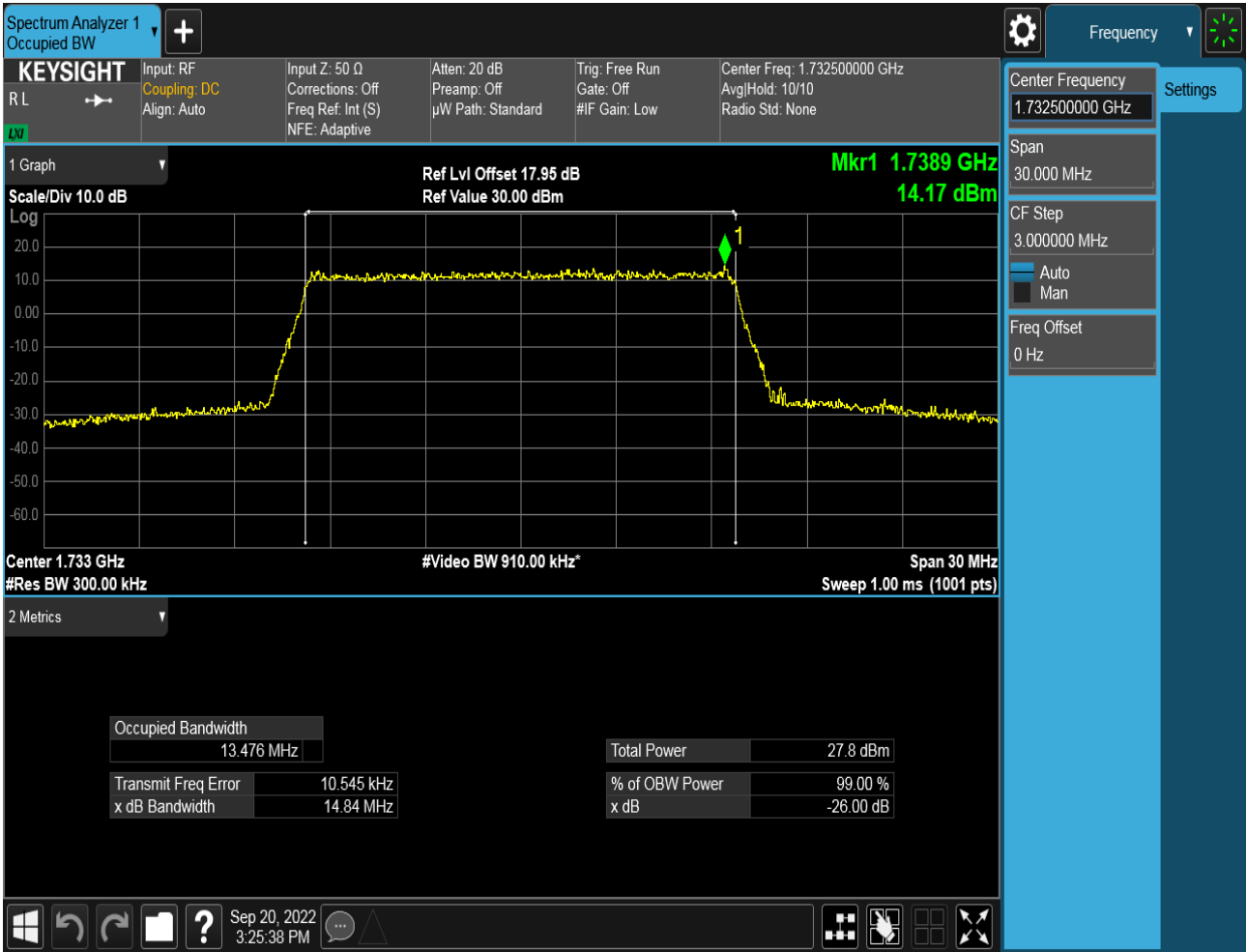
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

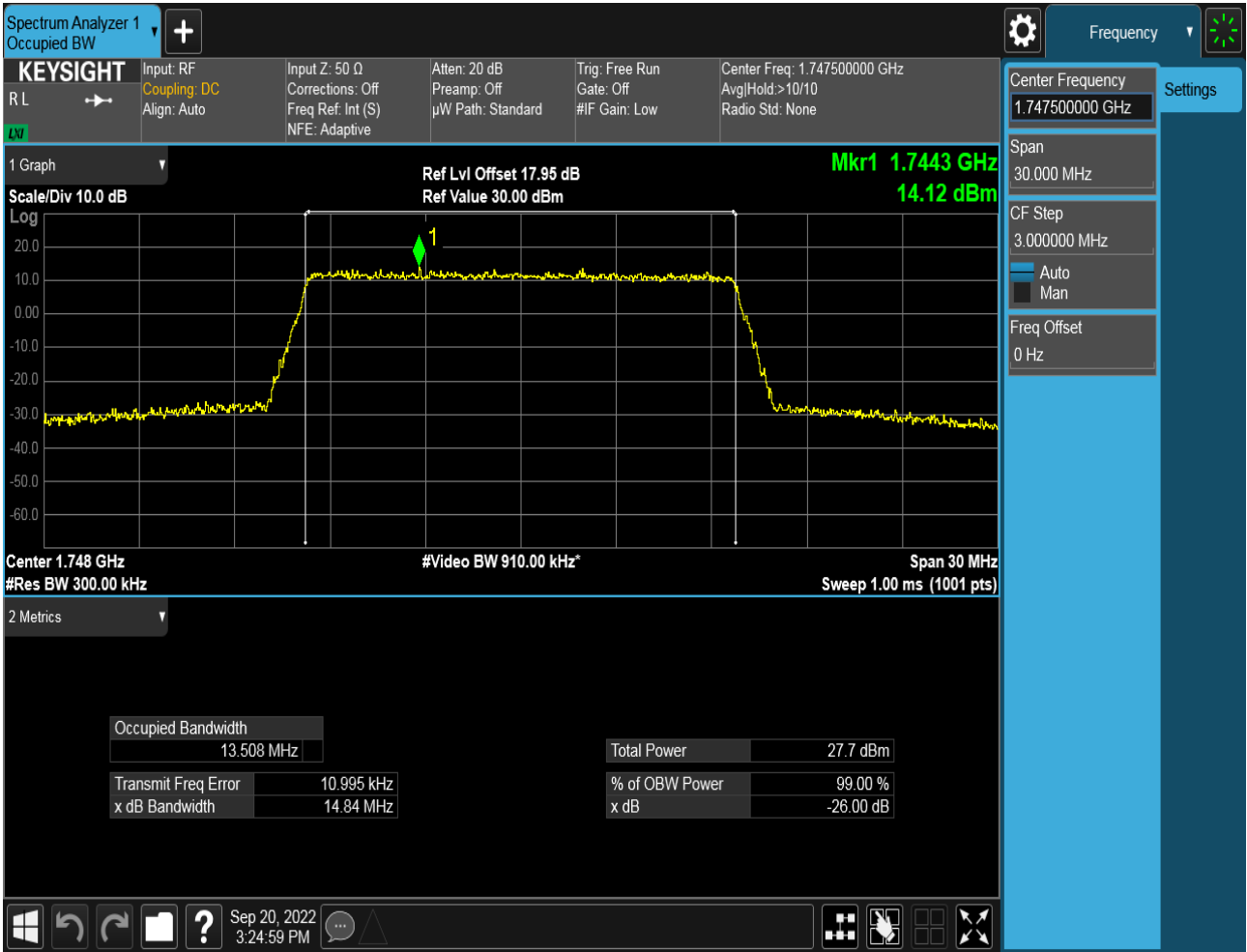
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

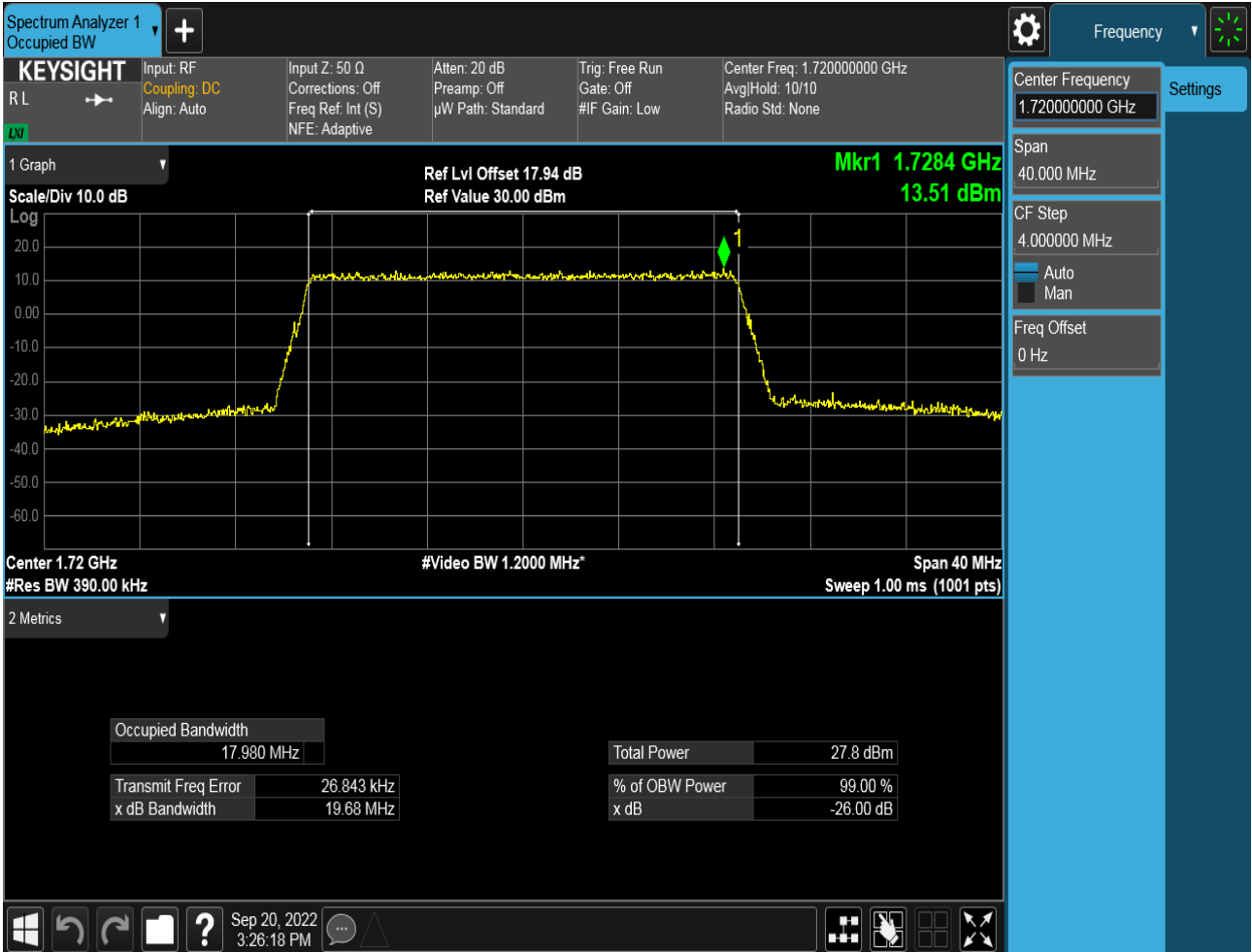




4.1.1.2.6 Test Bandwidth = 20MHz

4.1.1.2.6.1 Test Channel = LCH

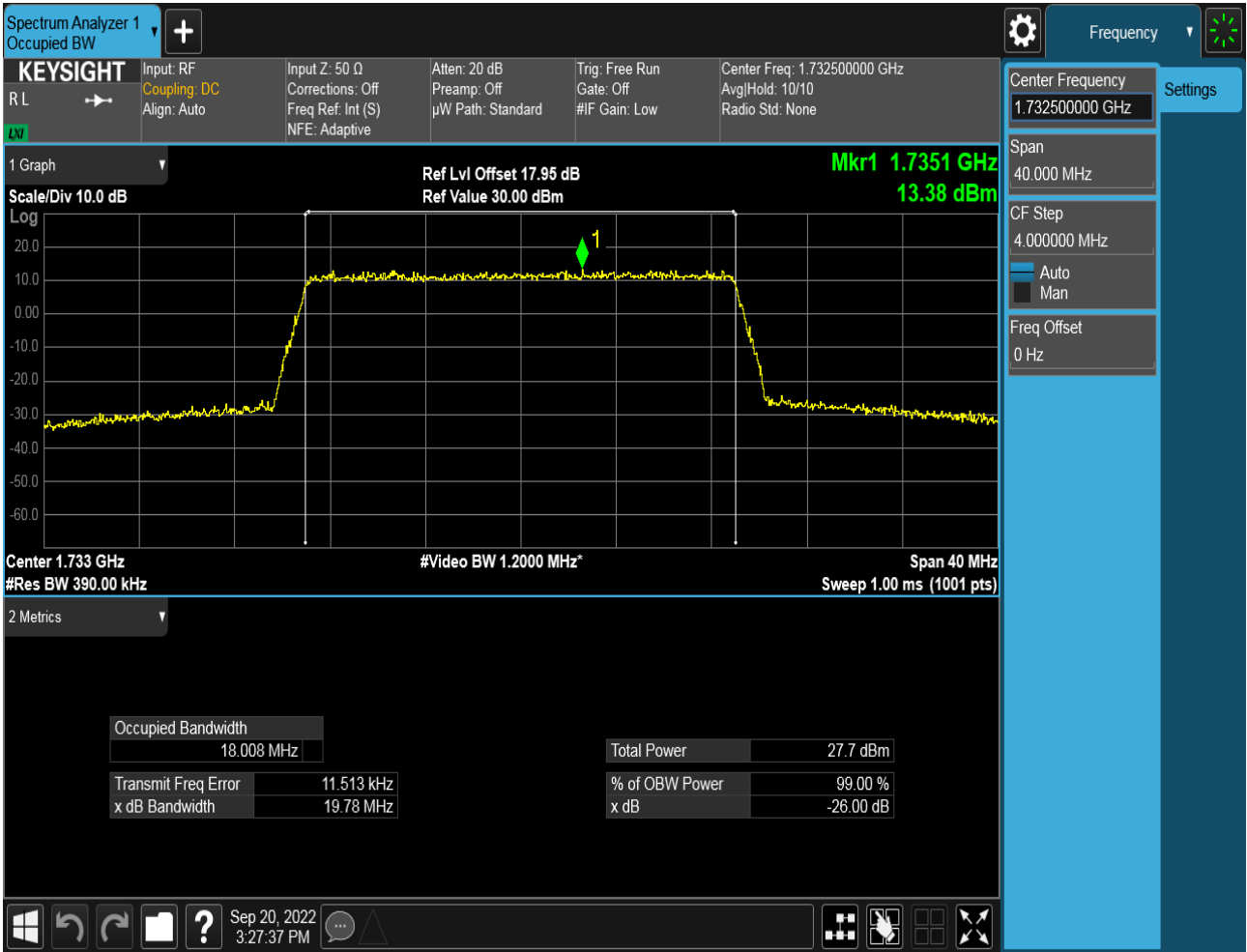
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

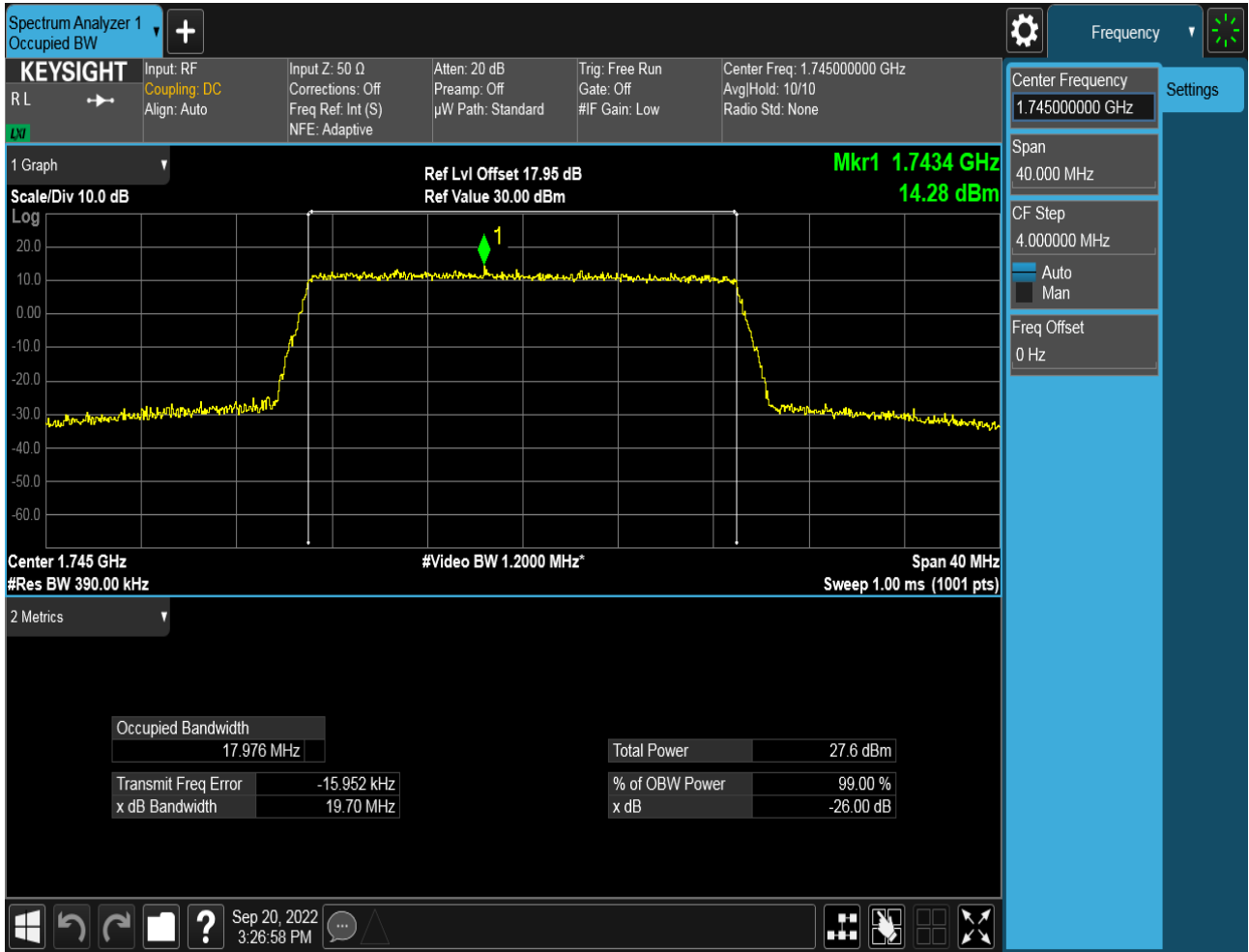
4.1.1.2.6.2.1 Test RB = RB100#0





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

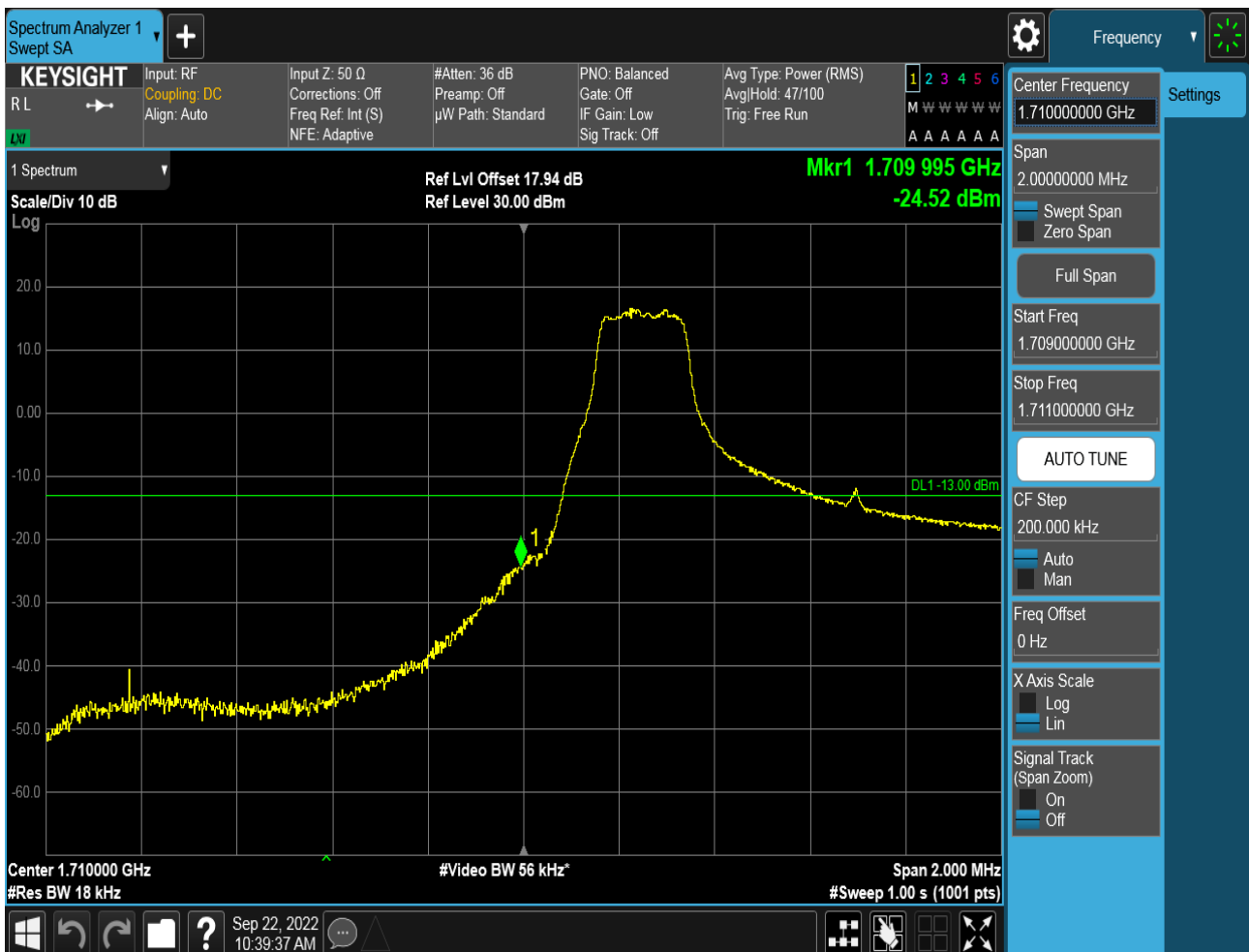
5.1.1 Test Band = Band4

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



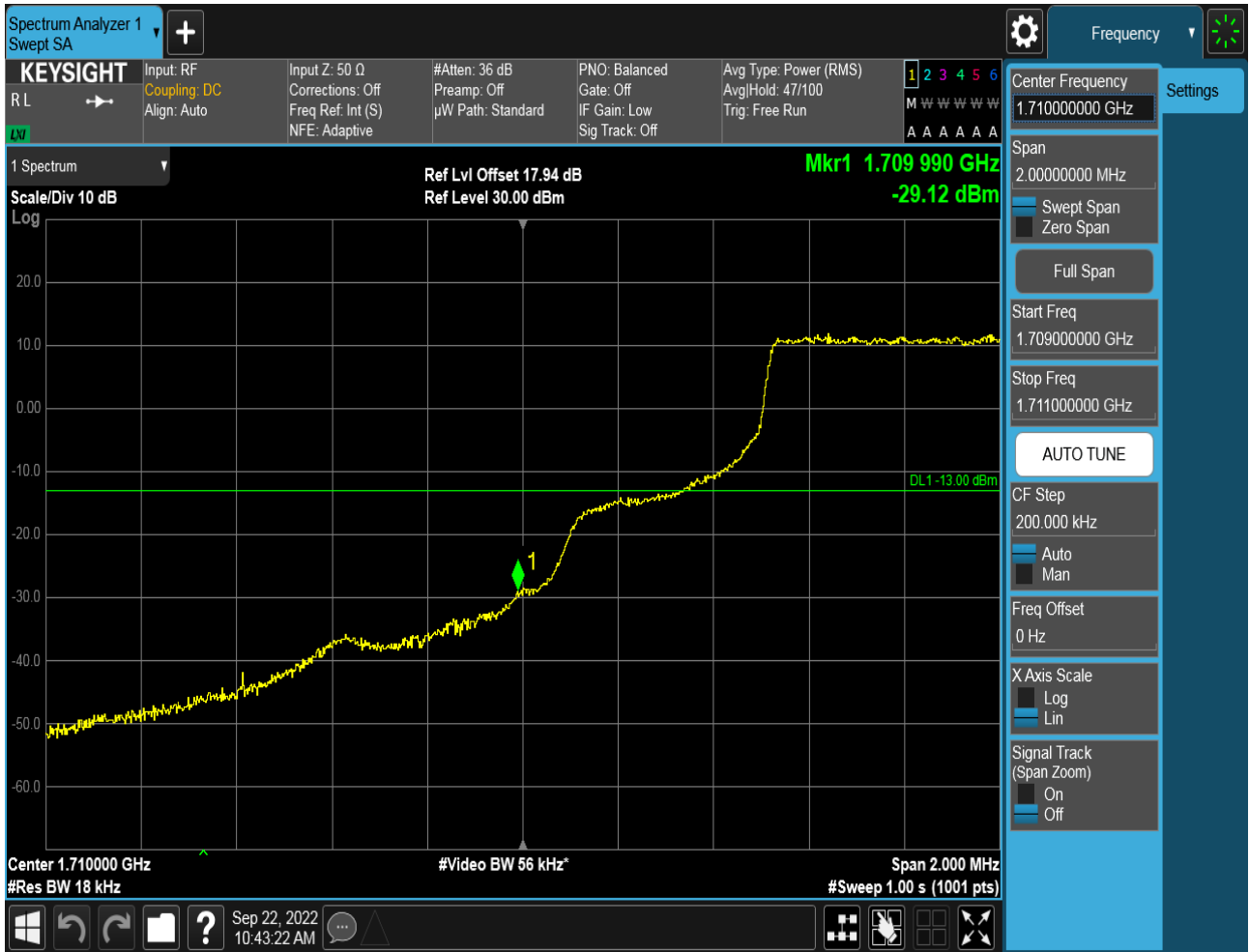


5.1.1.1.1.2 Test RB = RB1#5



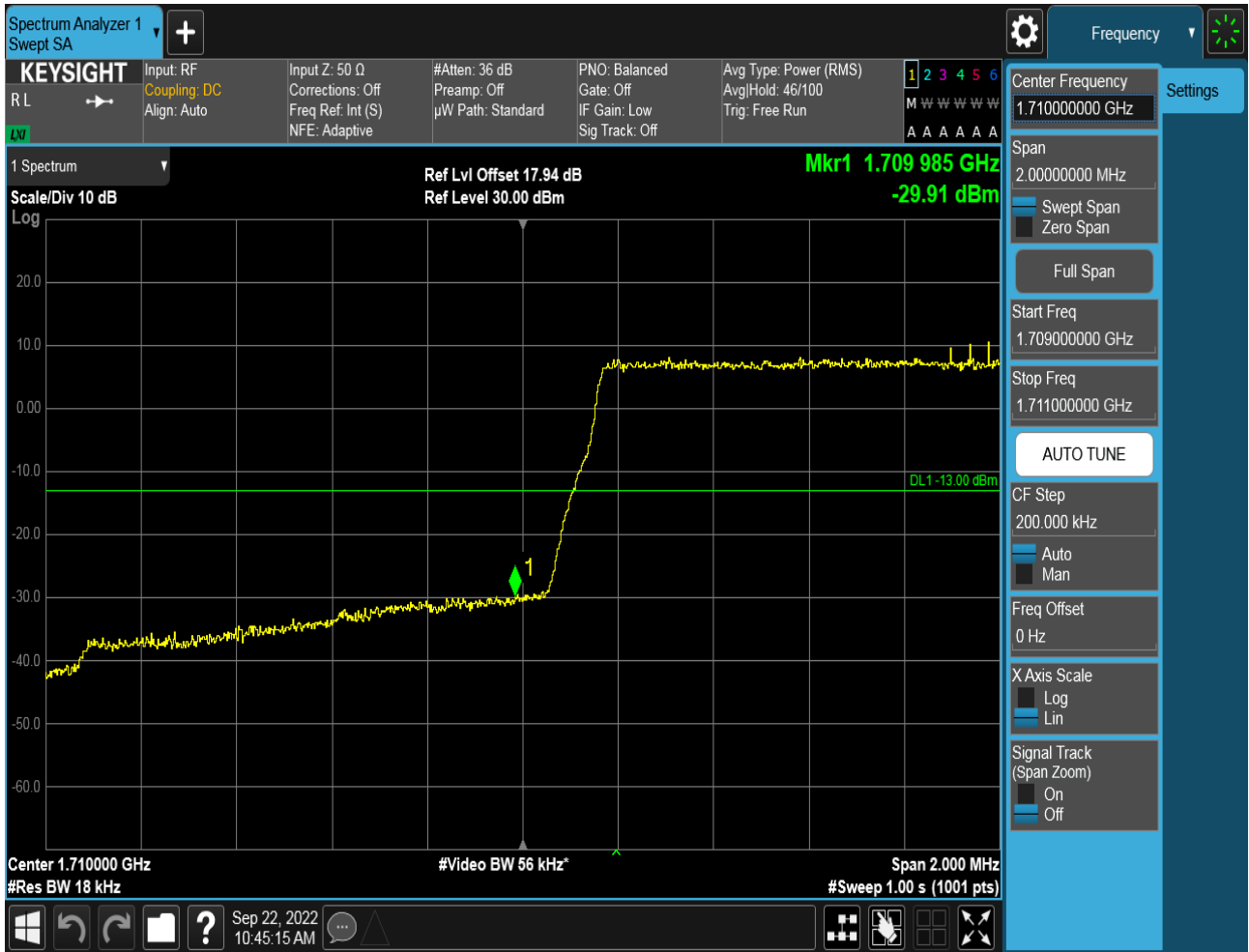


5.1.1.1.1.3 Test RB = RB3#2





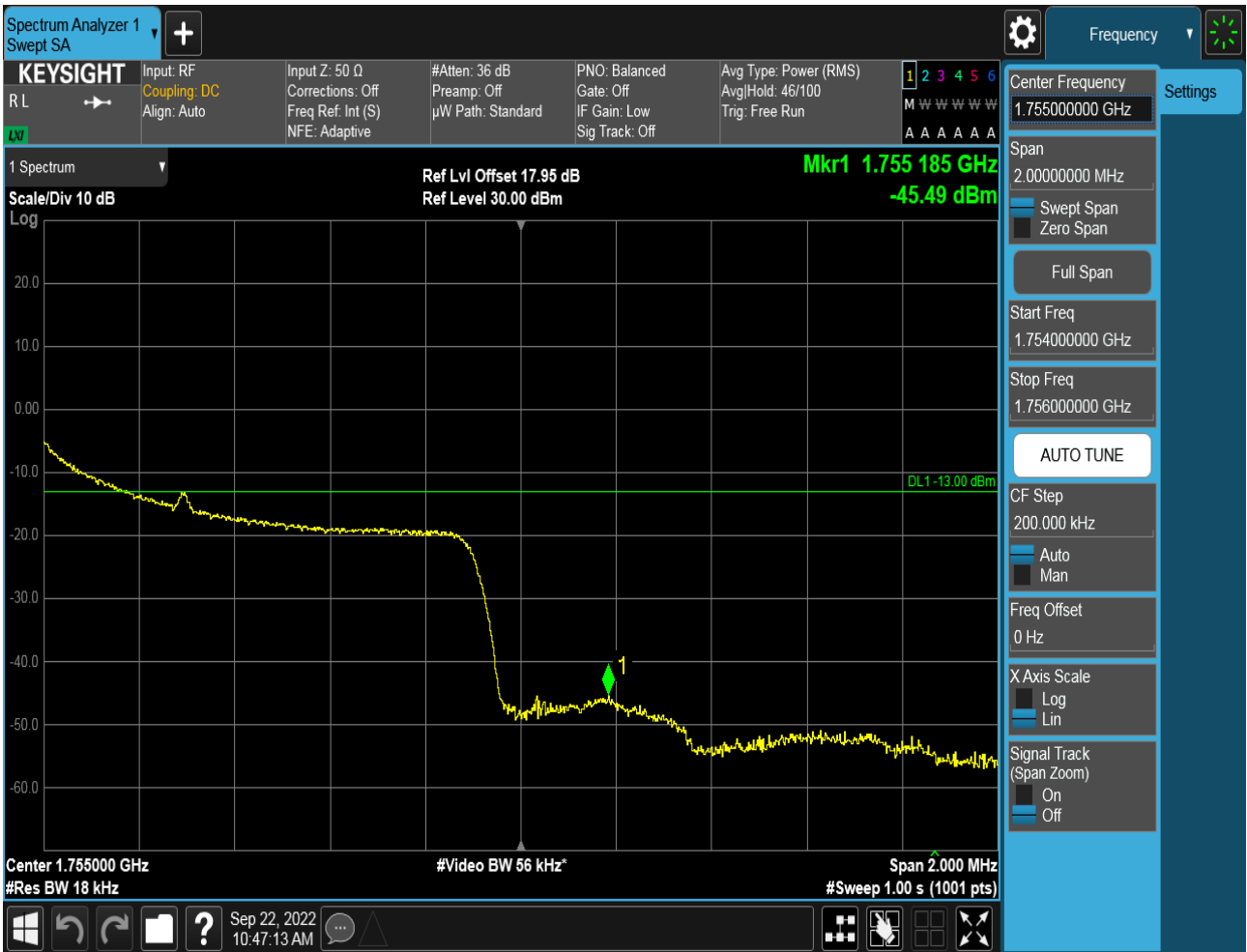
5.1.1.1.1.4 Test RB = RB6#0





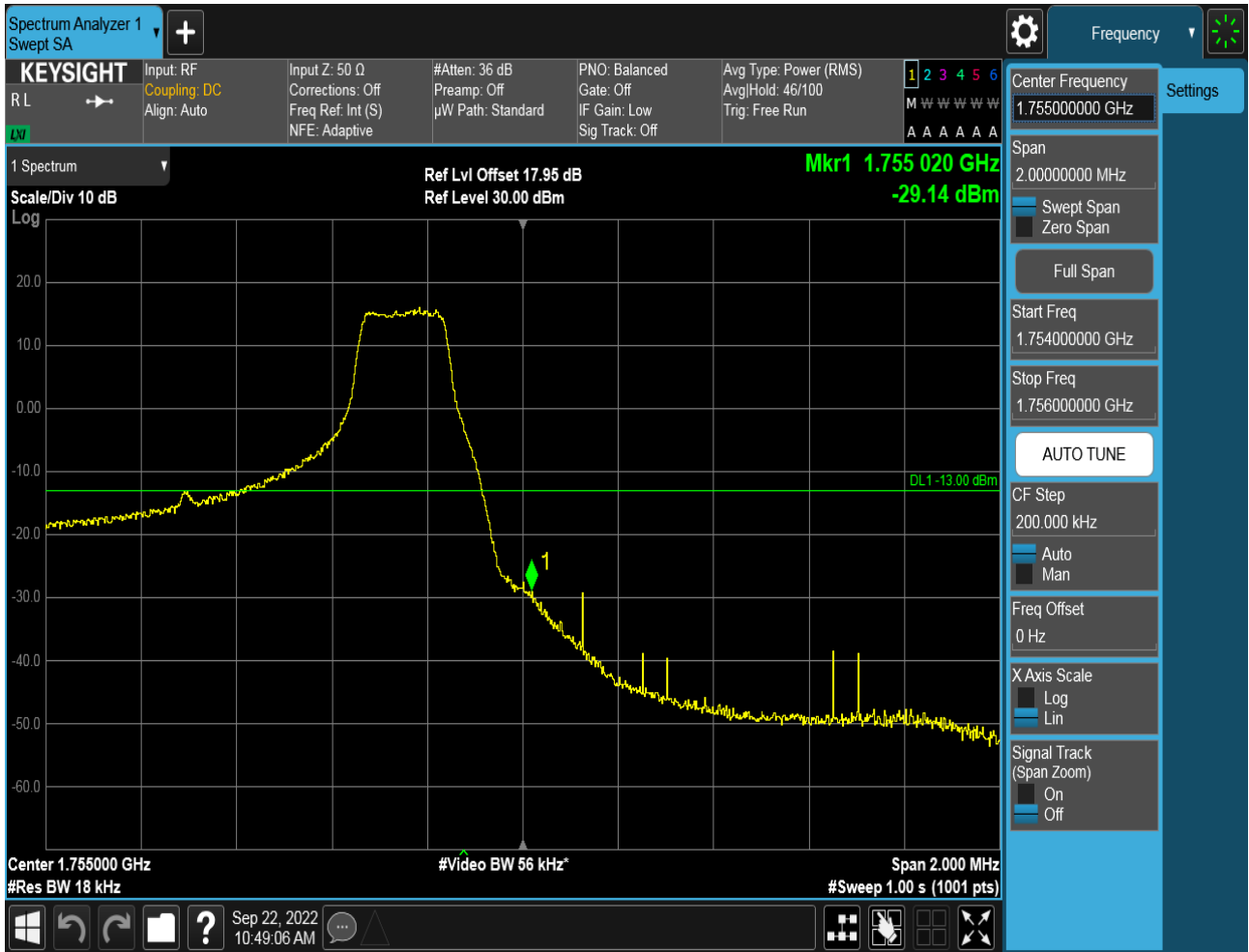
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5



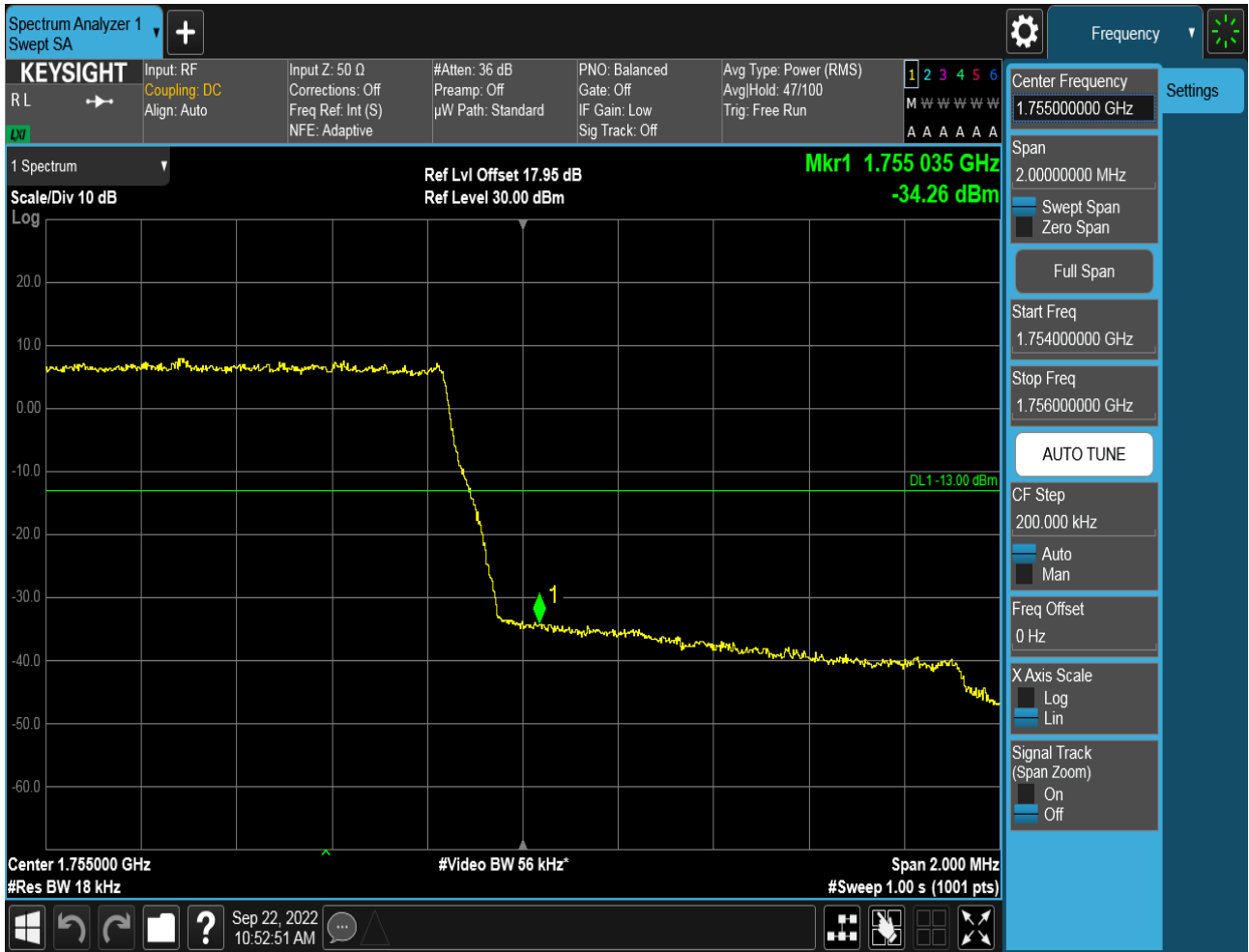


5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

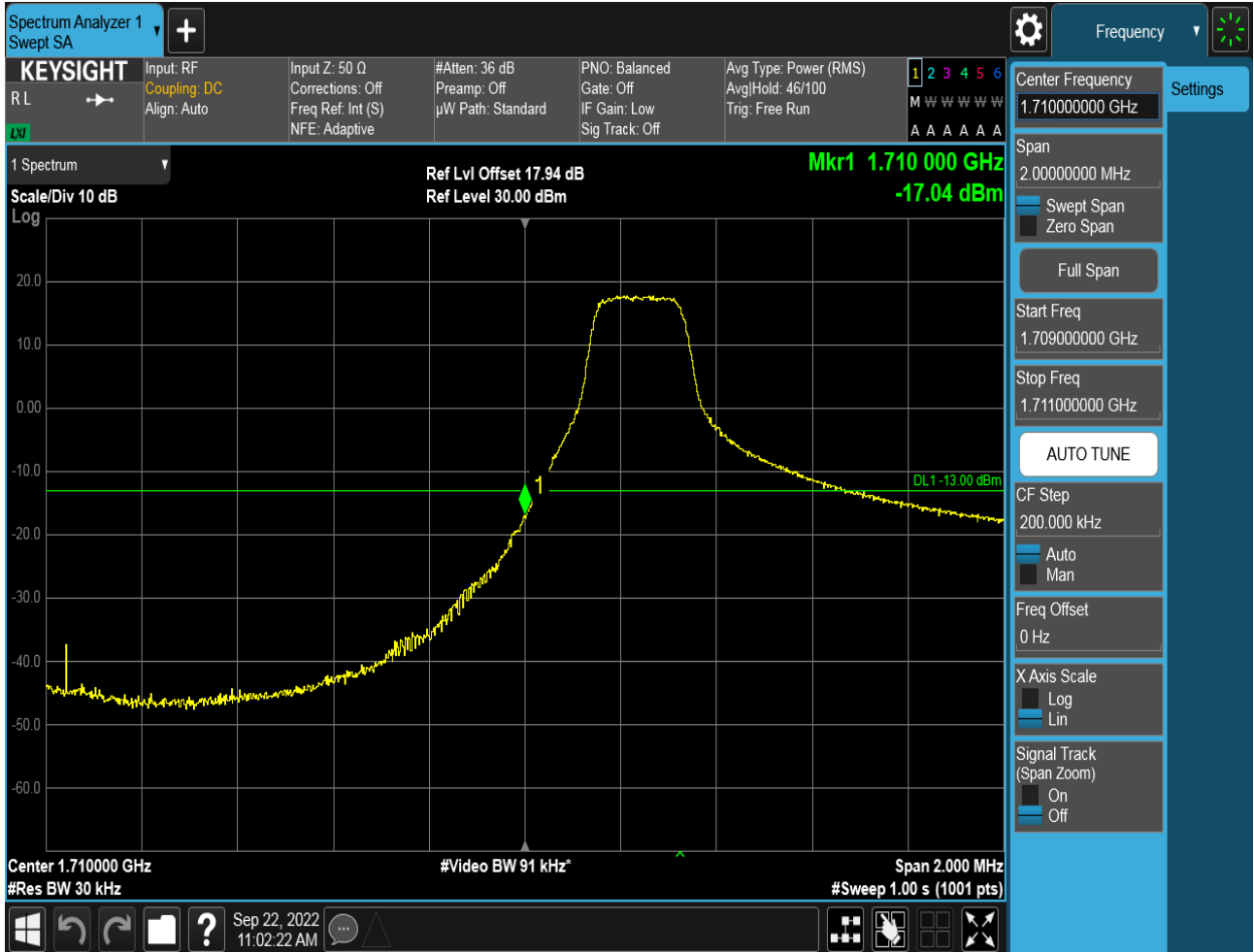




5.1.1.1.2 Test Bandwidth = 3MHz

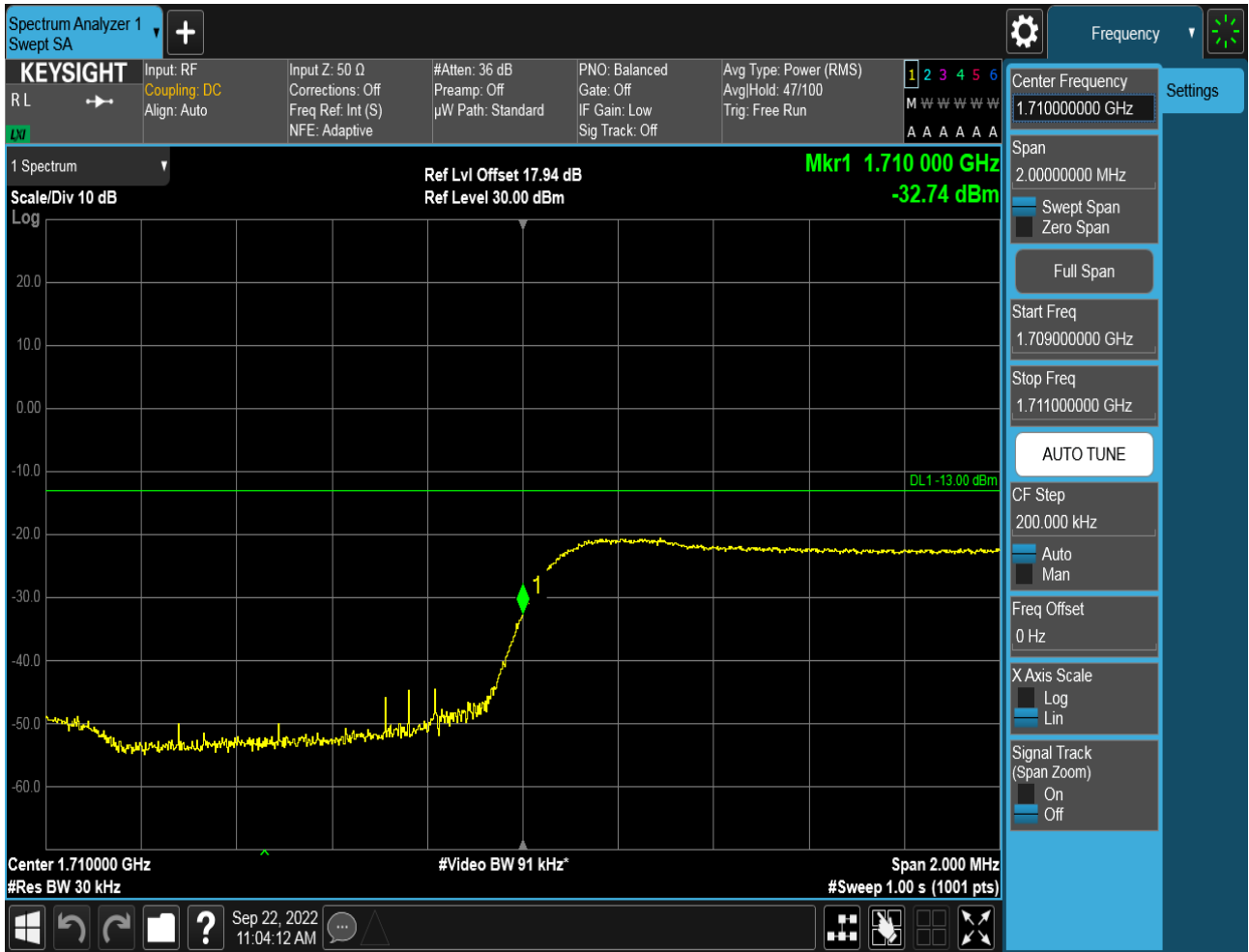
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



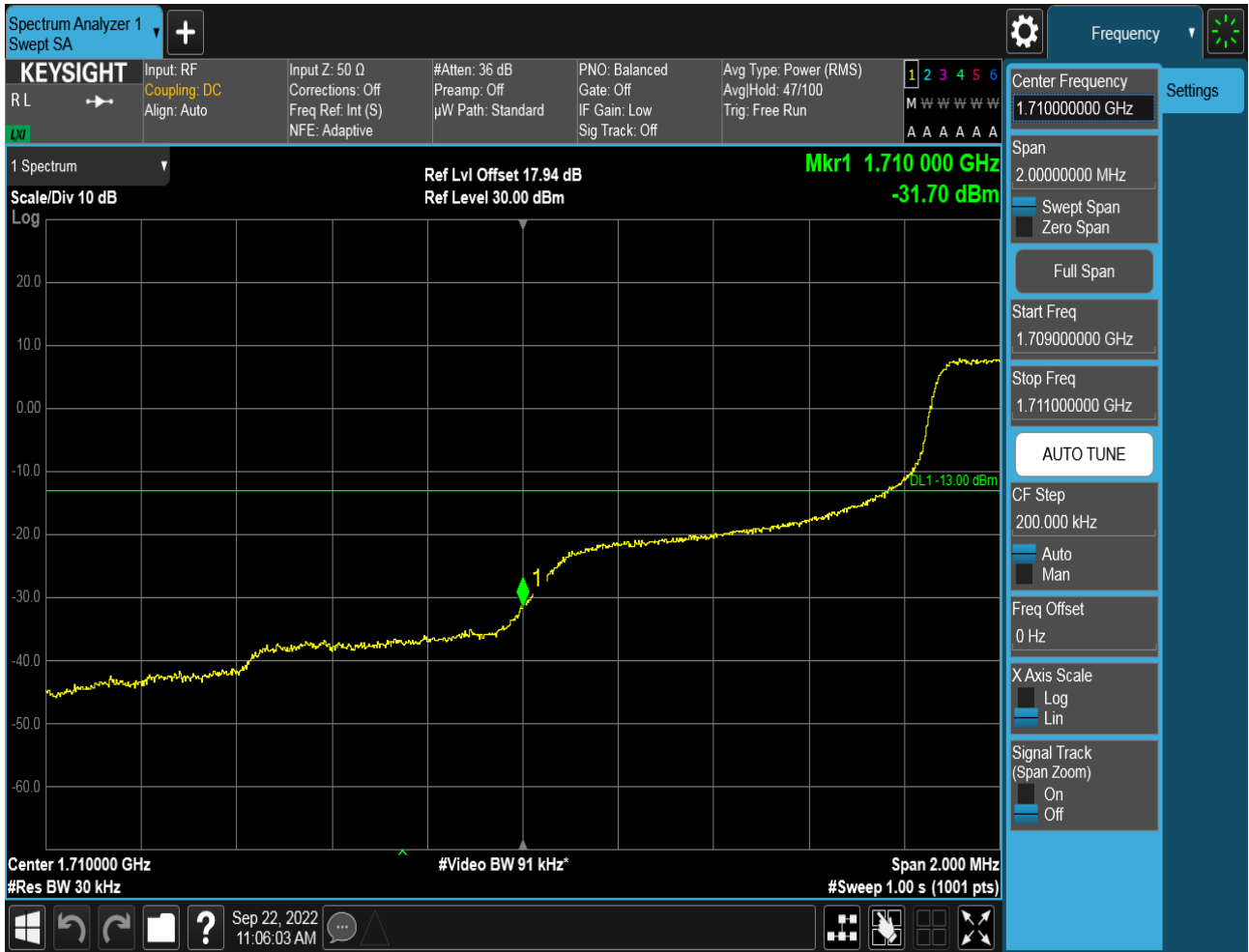


5.1.1.1.2.1.2 Test RB = RB1#14



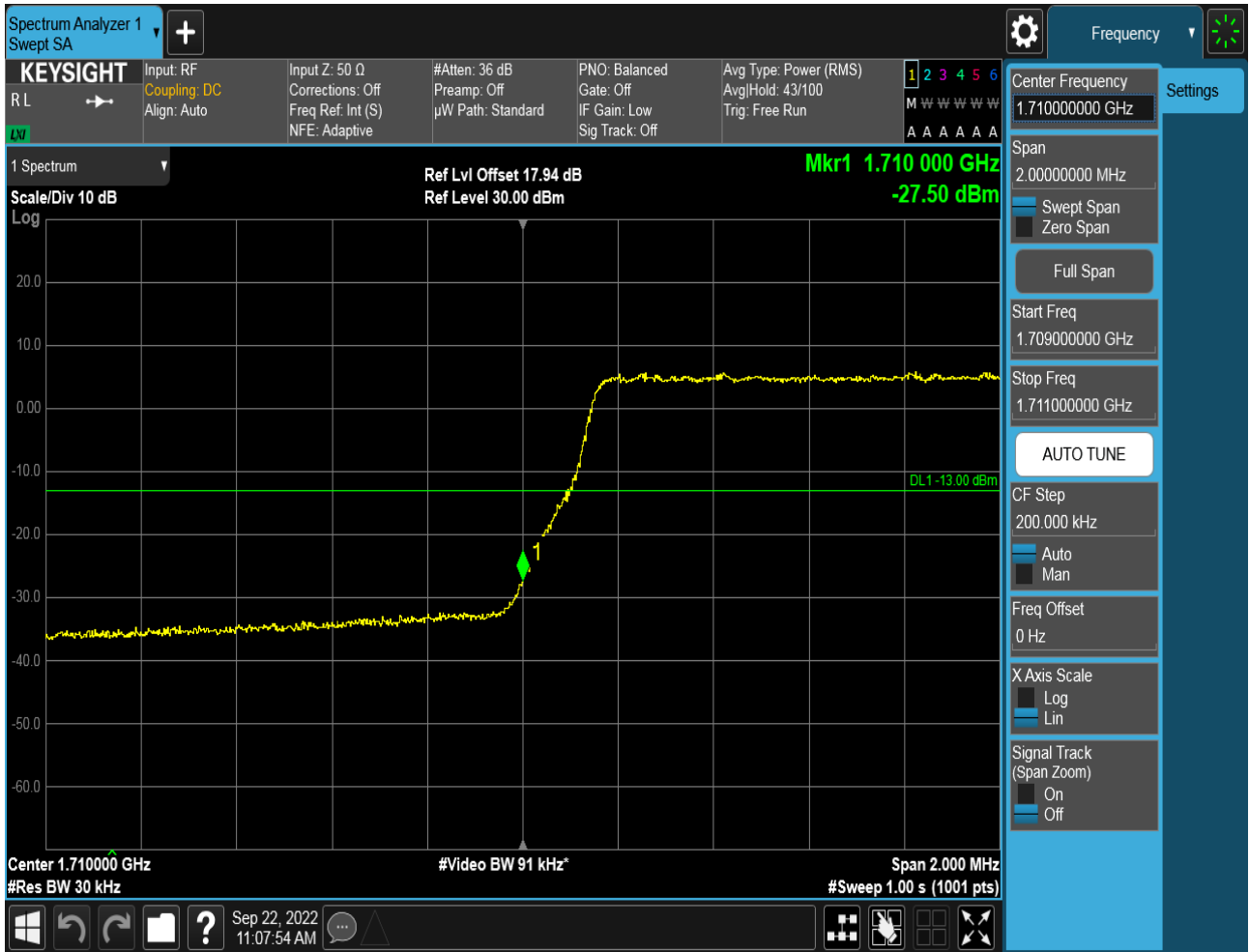


5.1.1.1.2.1.3 Test RB = RB8#4





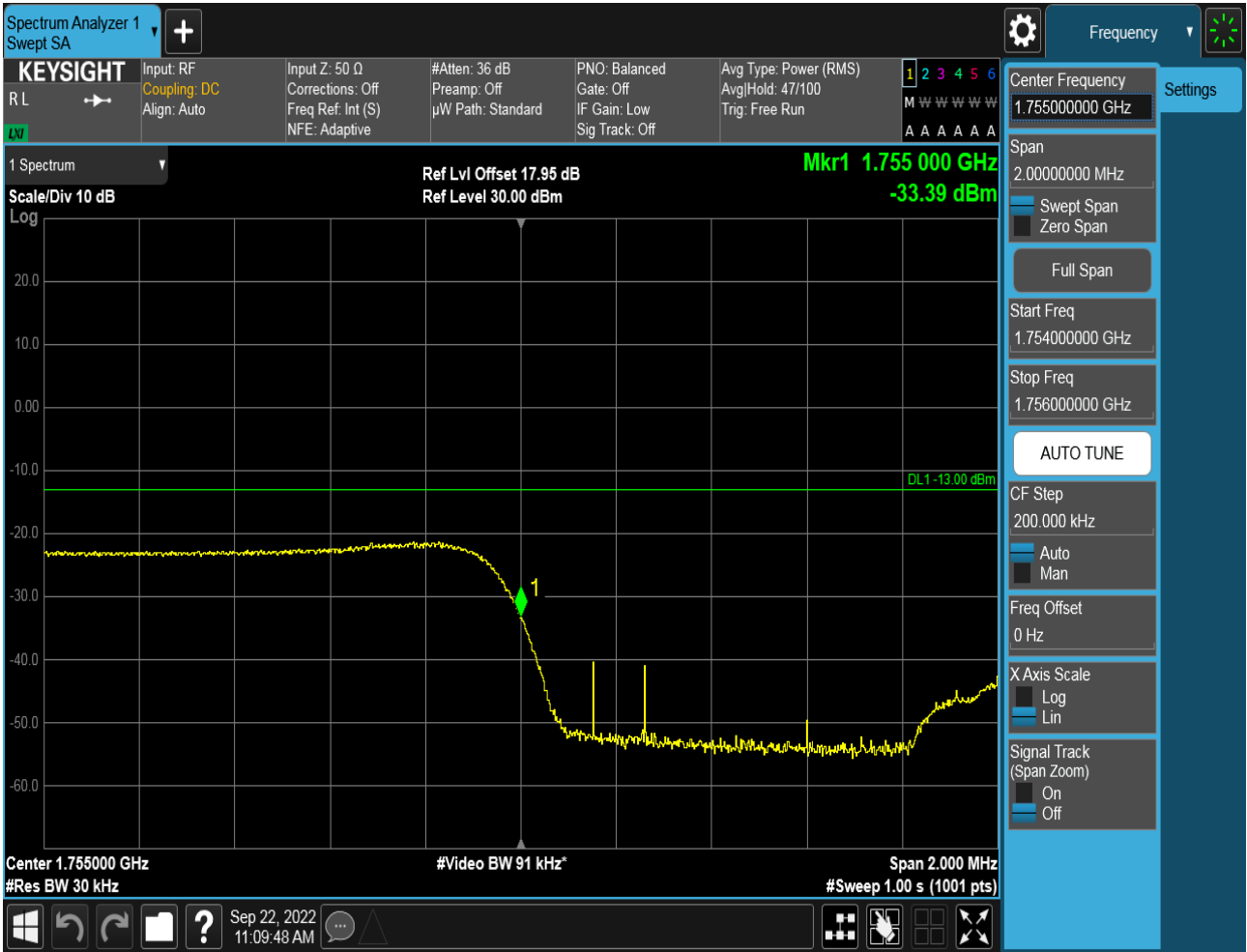
5.1.1.1.2.1.4 Test RB = RB15#0





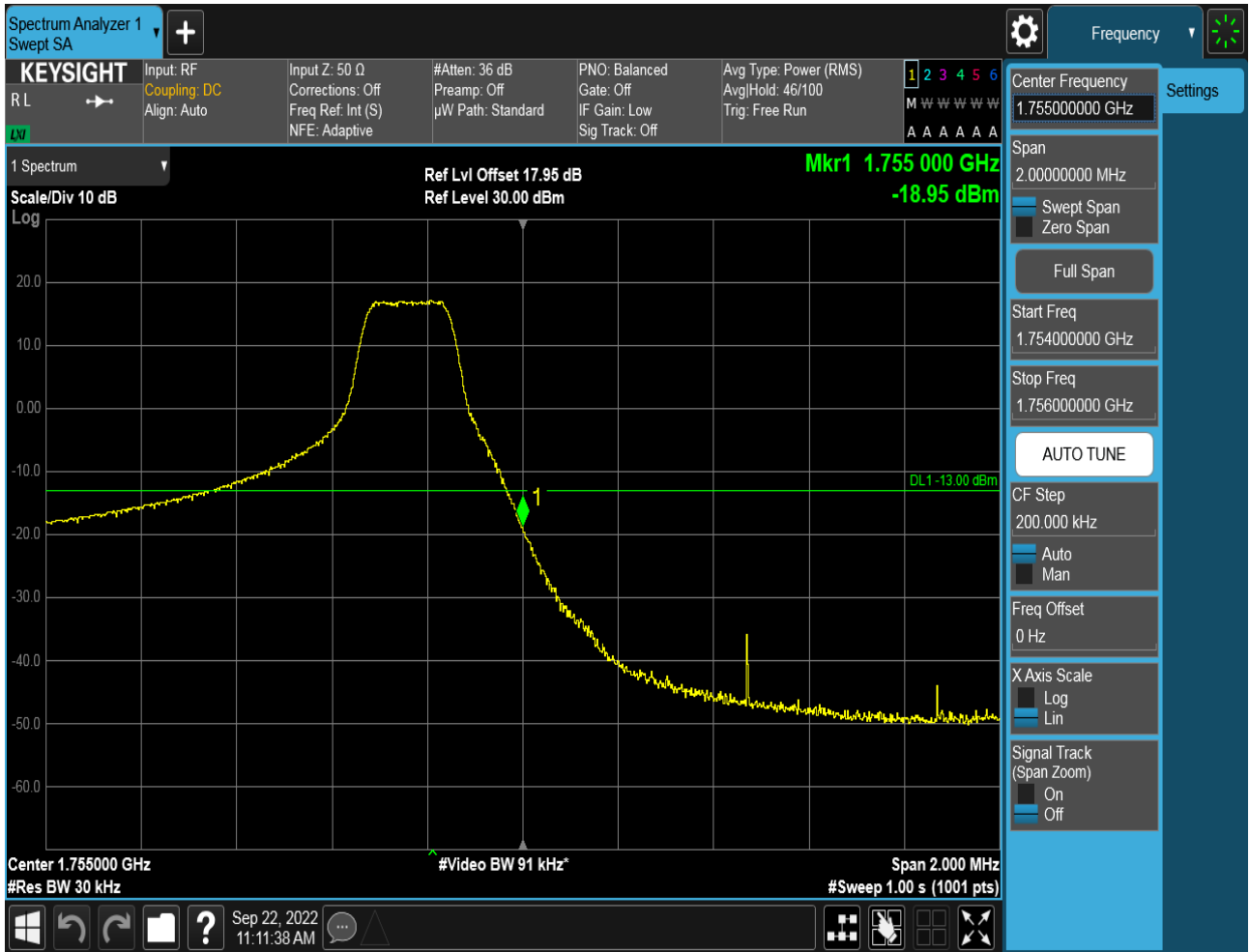
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

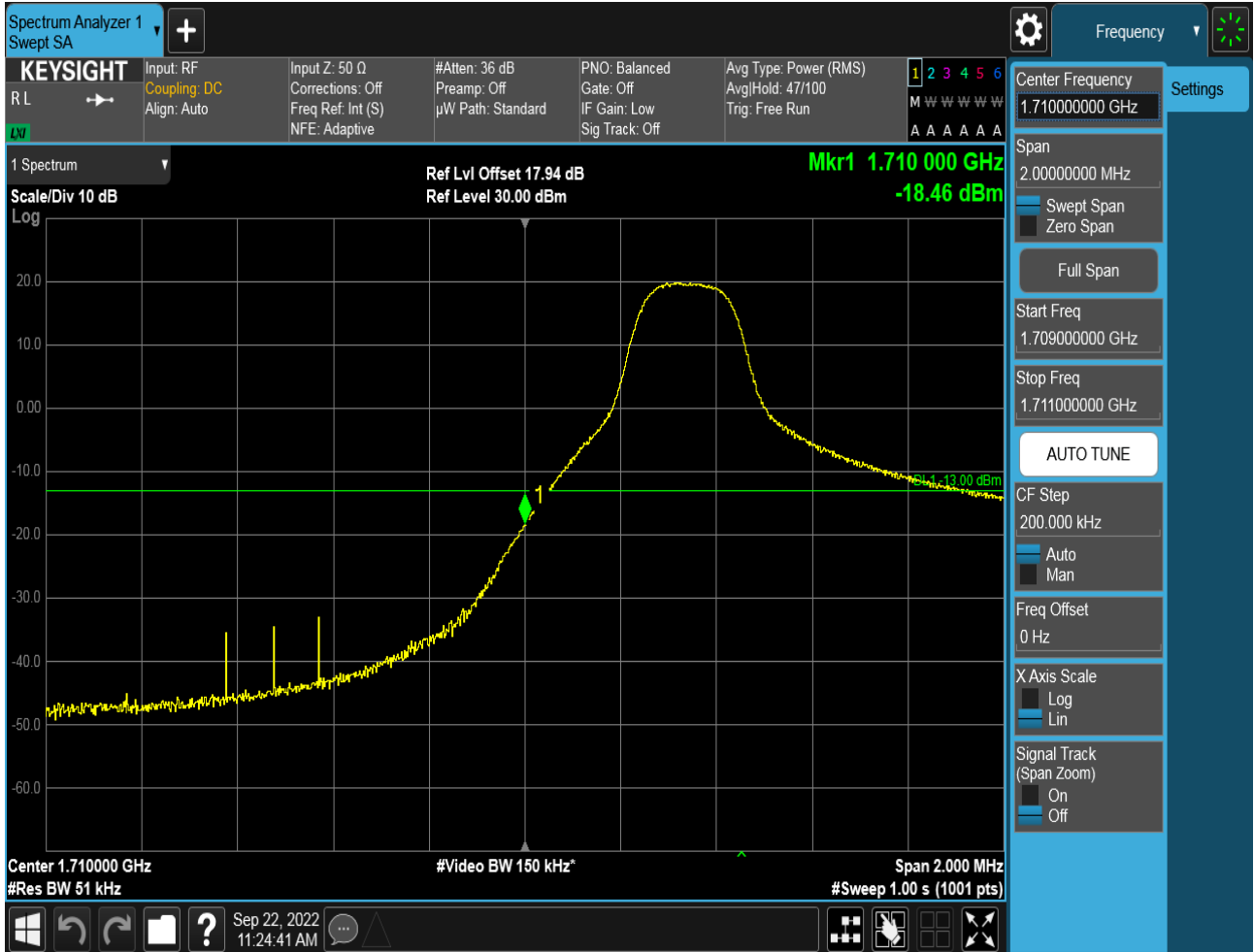




5.1.1.1.3 Test Bandwidth = 5MHz

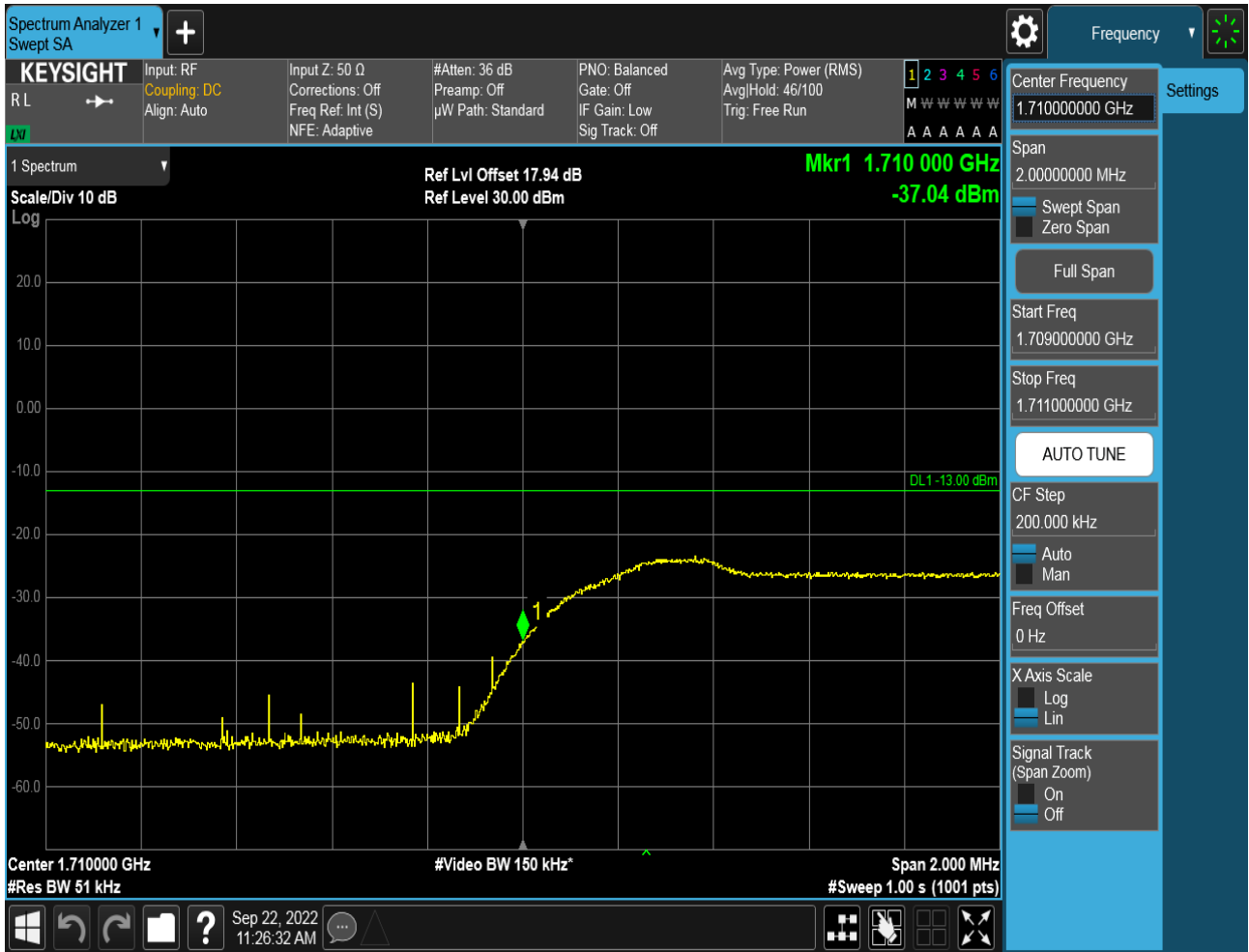
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



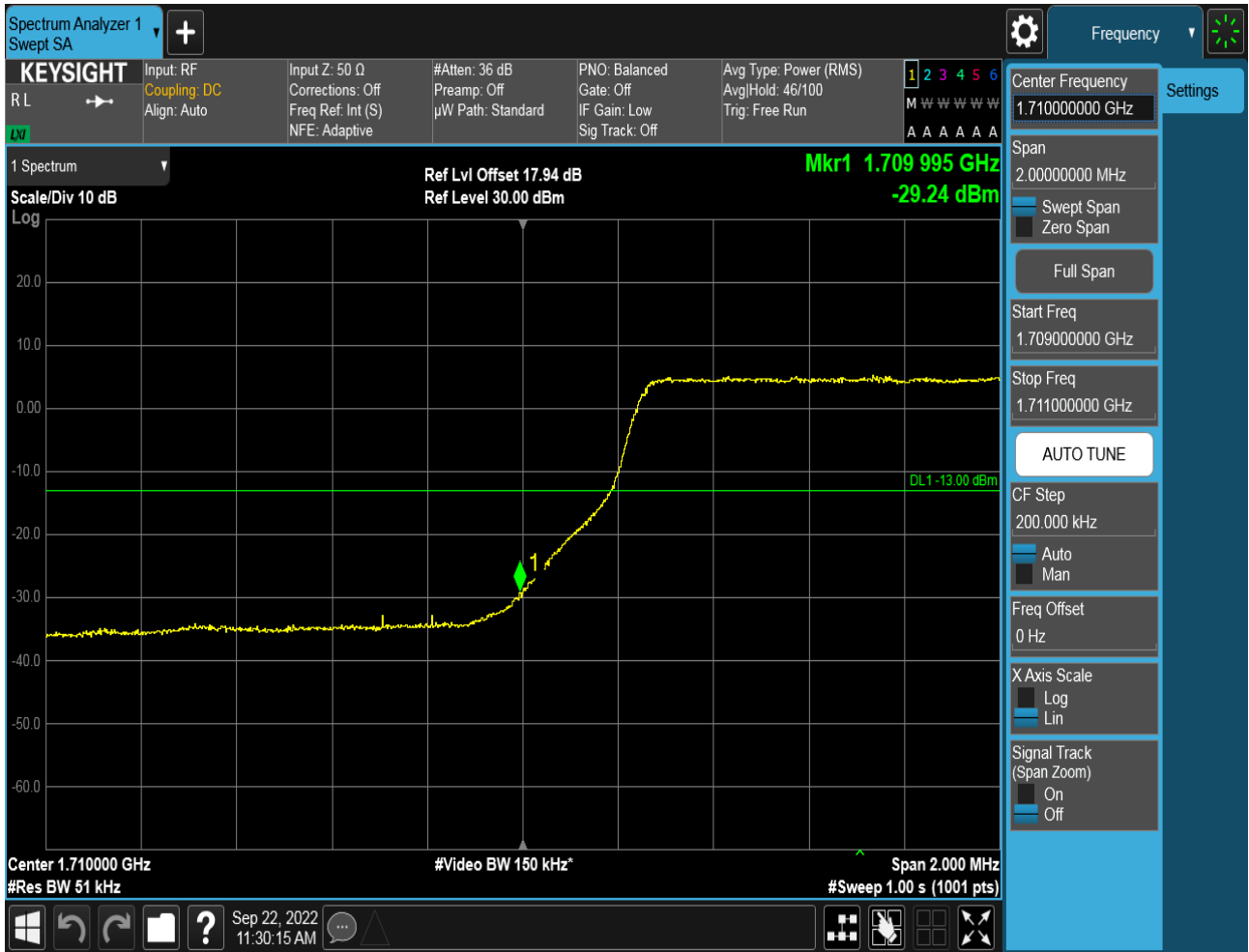


5.1.1.1.3.1.3 Test RB = RB12#6





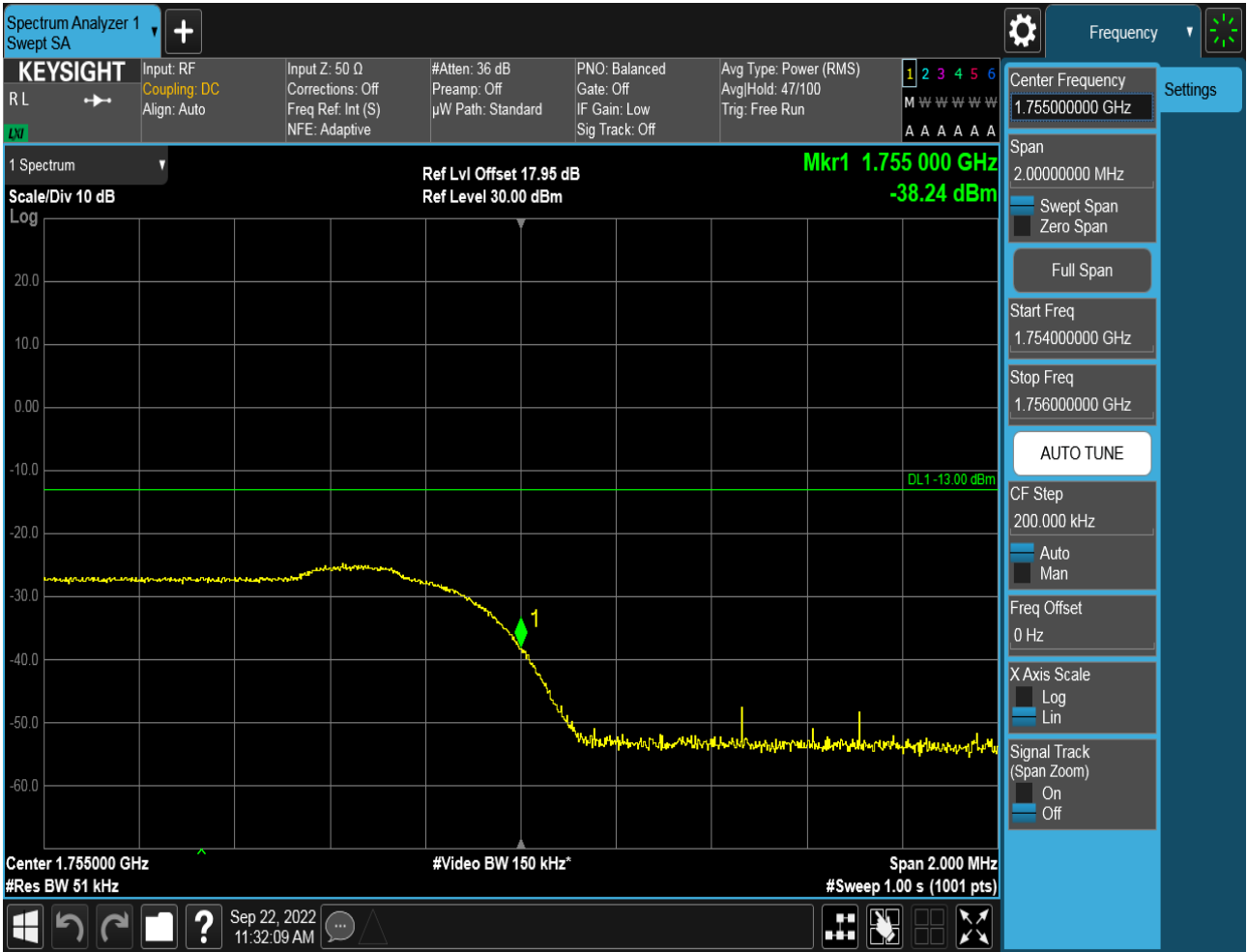
5.1.1.1.3.1.4 Test RB = RB25#0





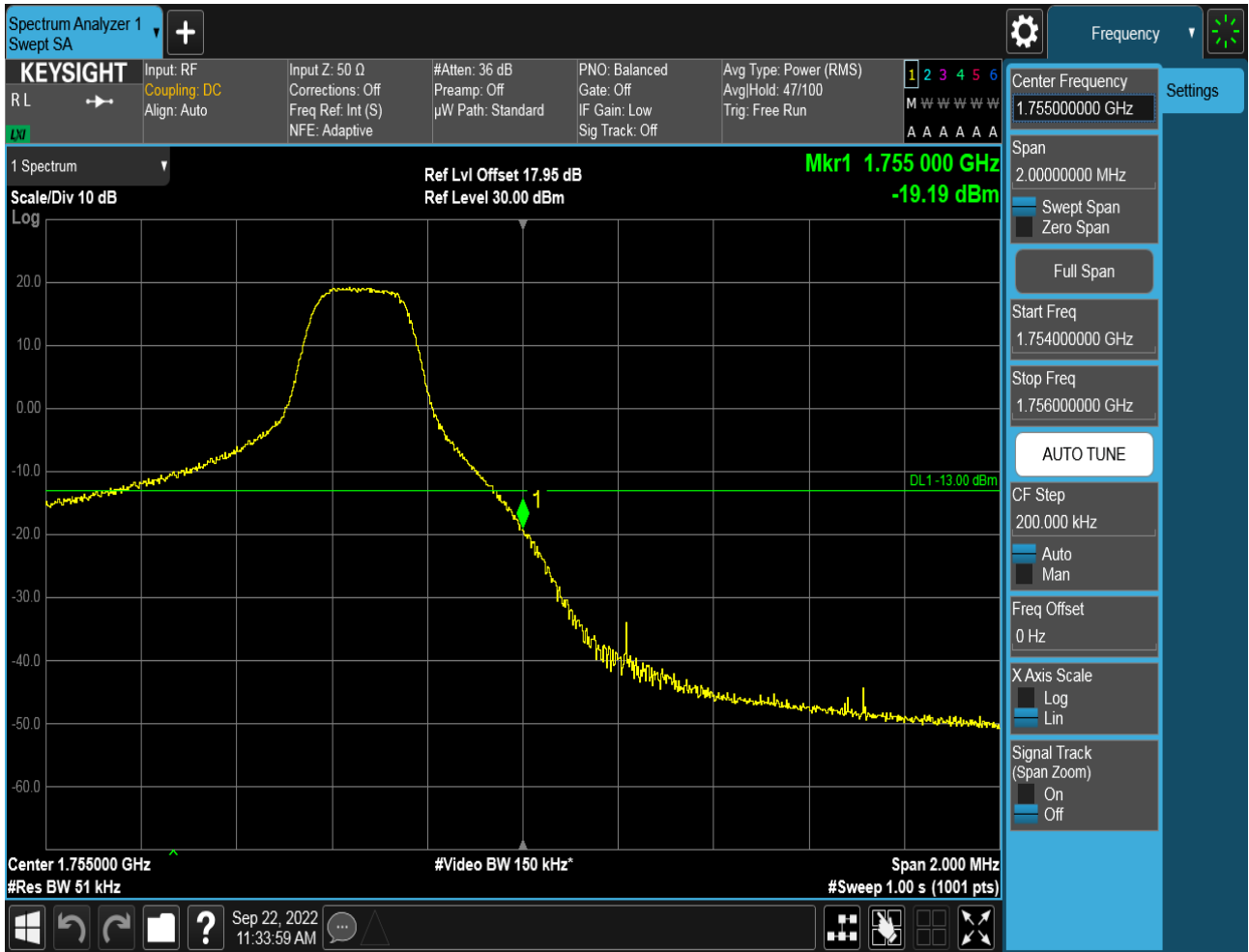
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

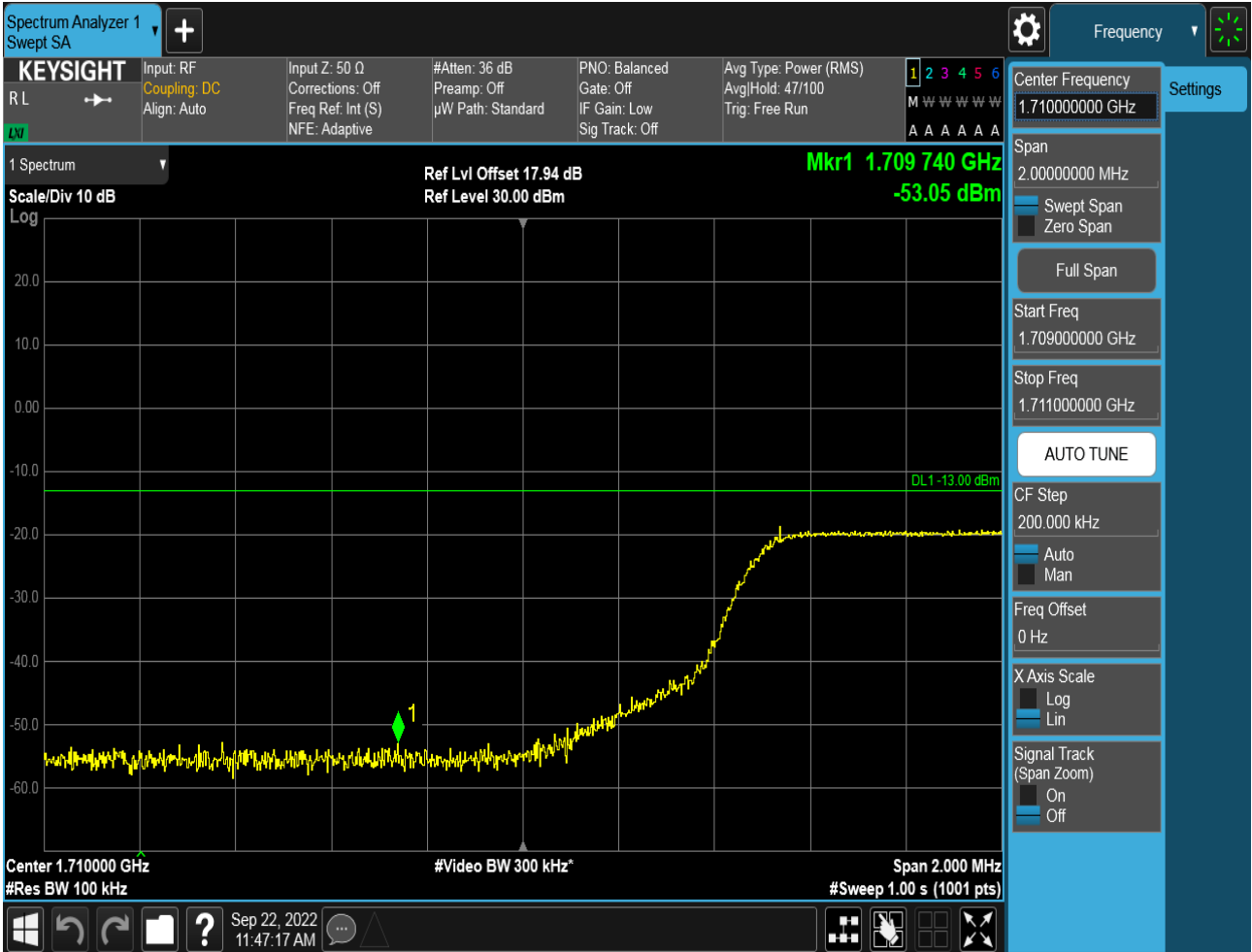




5.1.1.1.4 Test Bandwidth = 10MHz

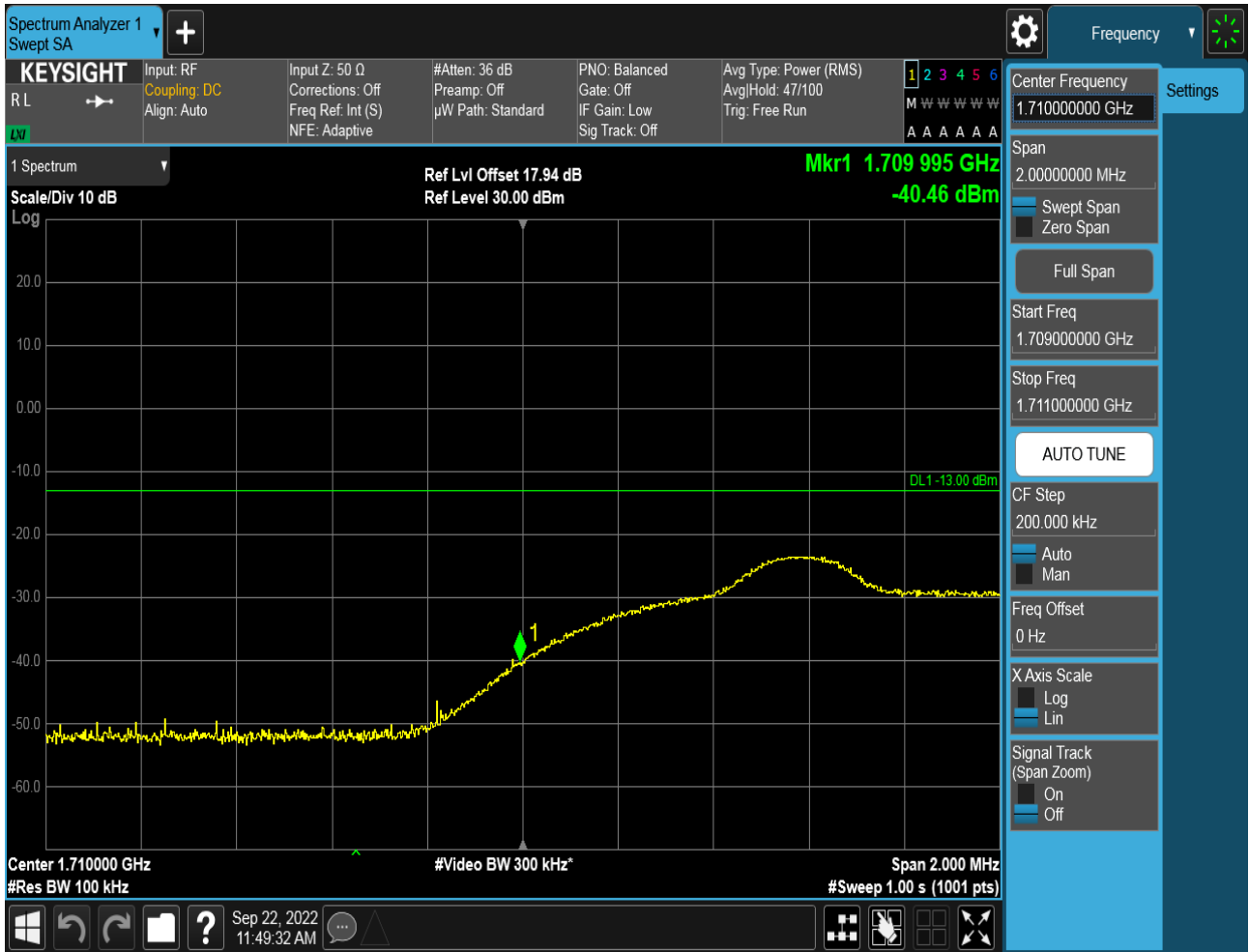
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





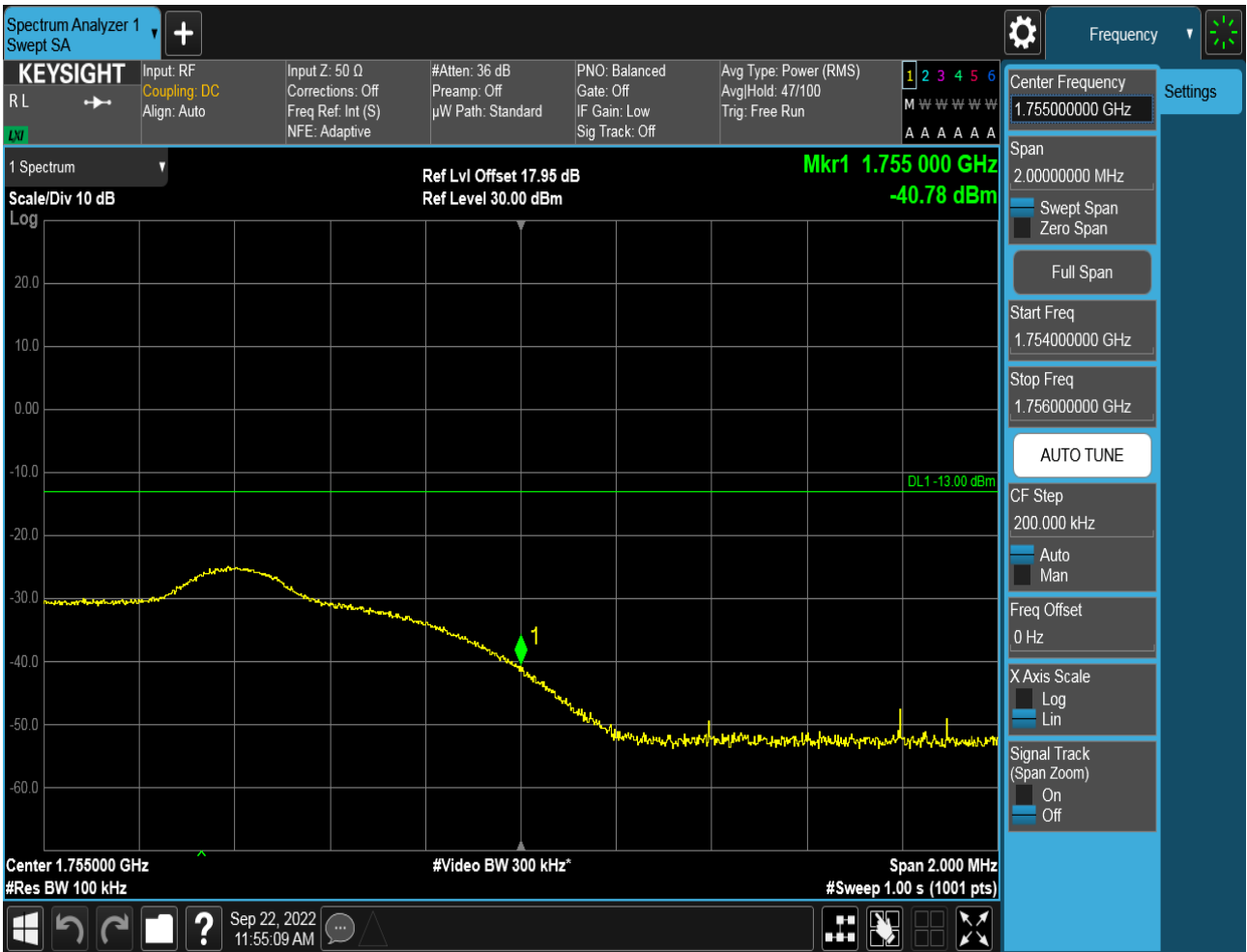
5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



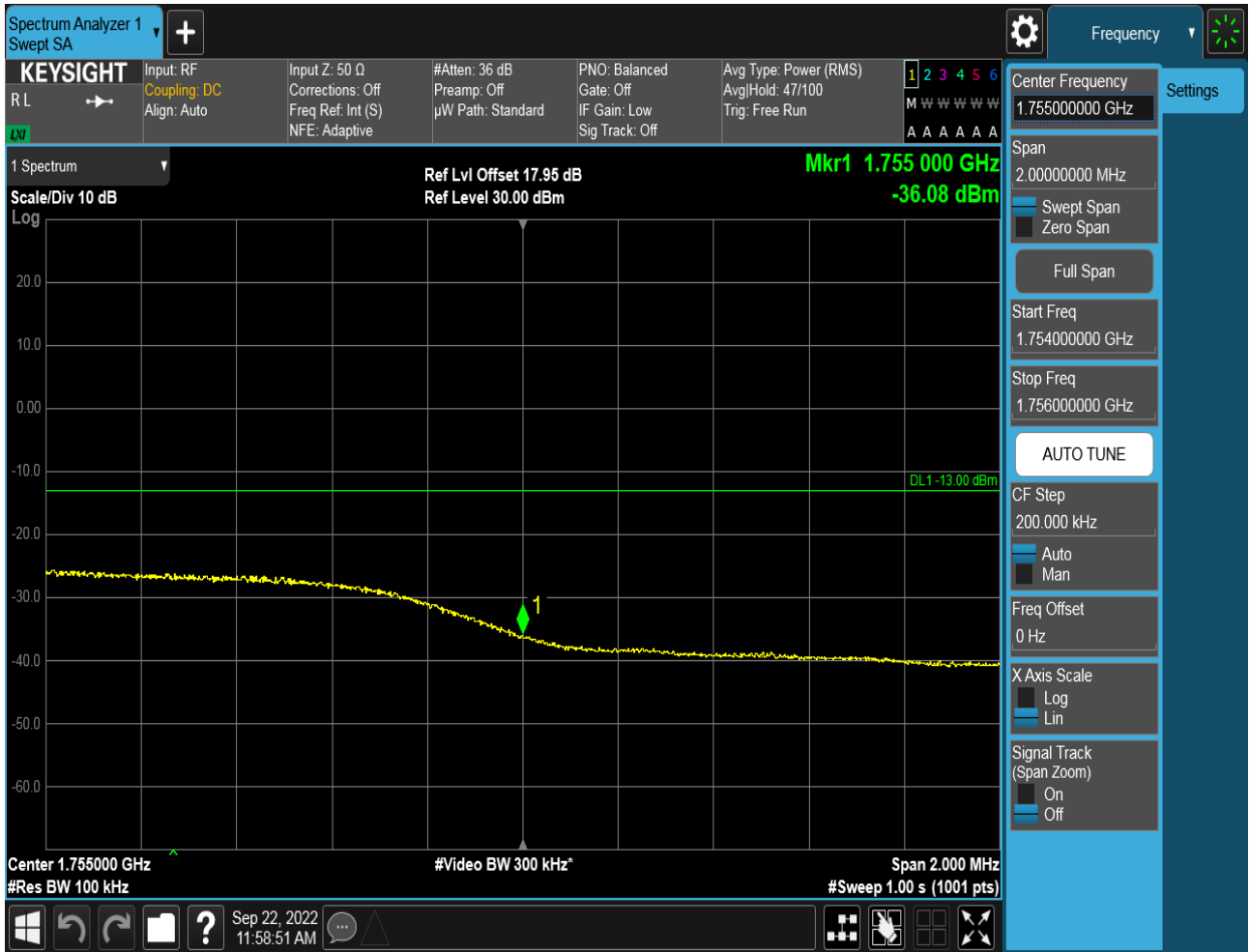


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

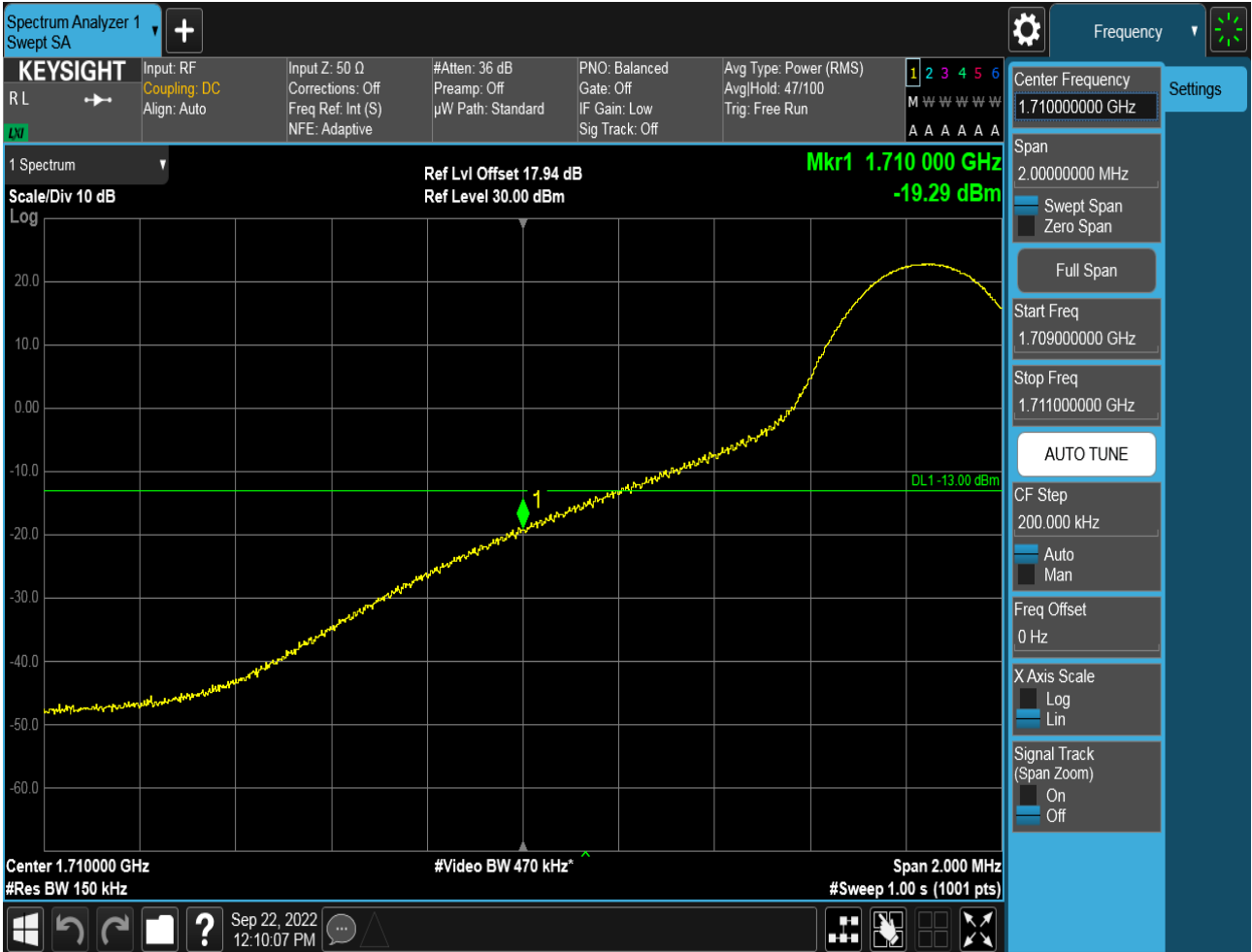




5.1.1.1.5 Test Bandwidth = 15MHz

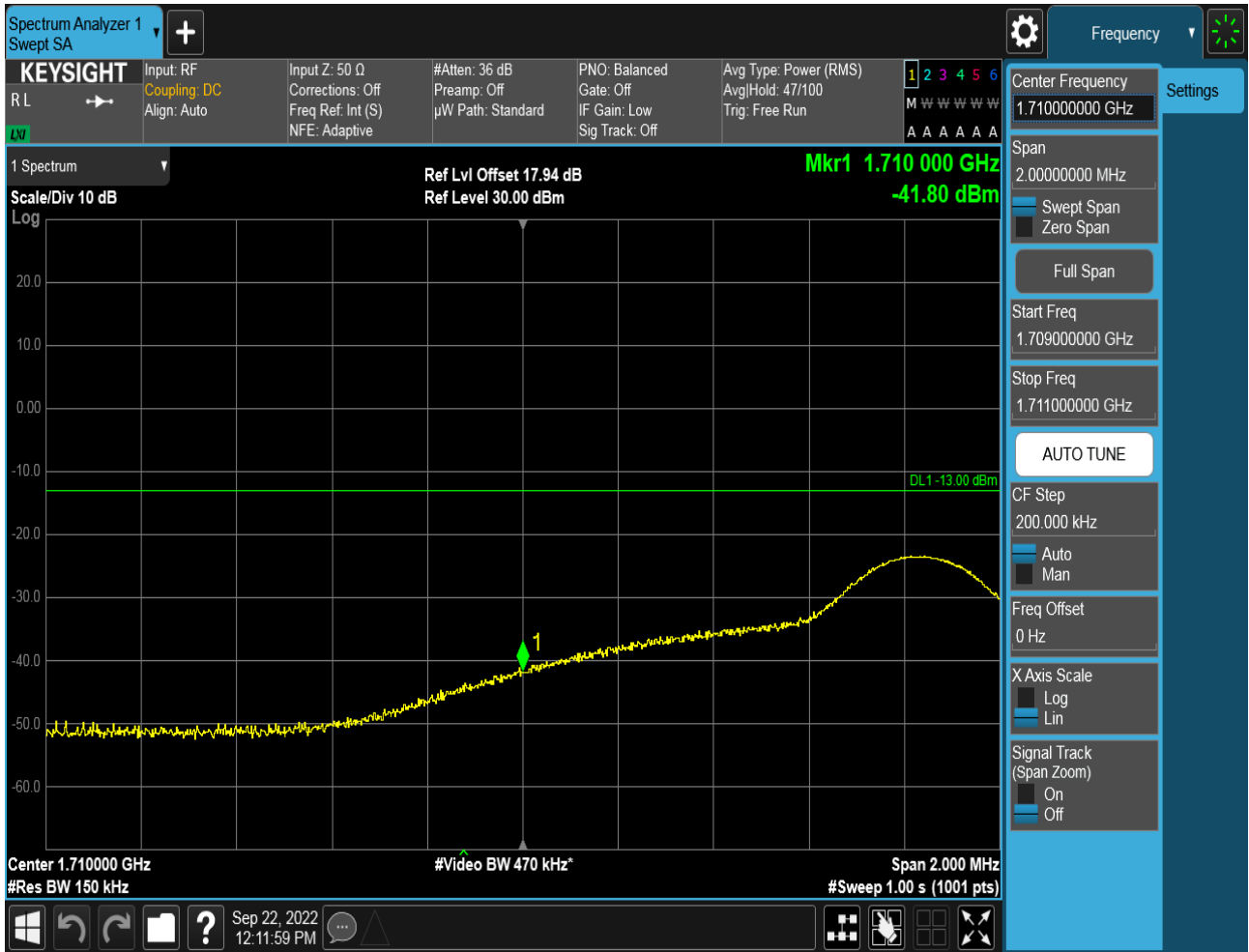
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



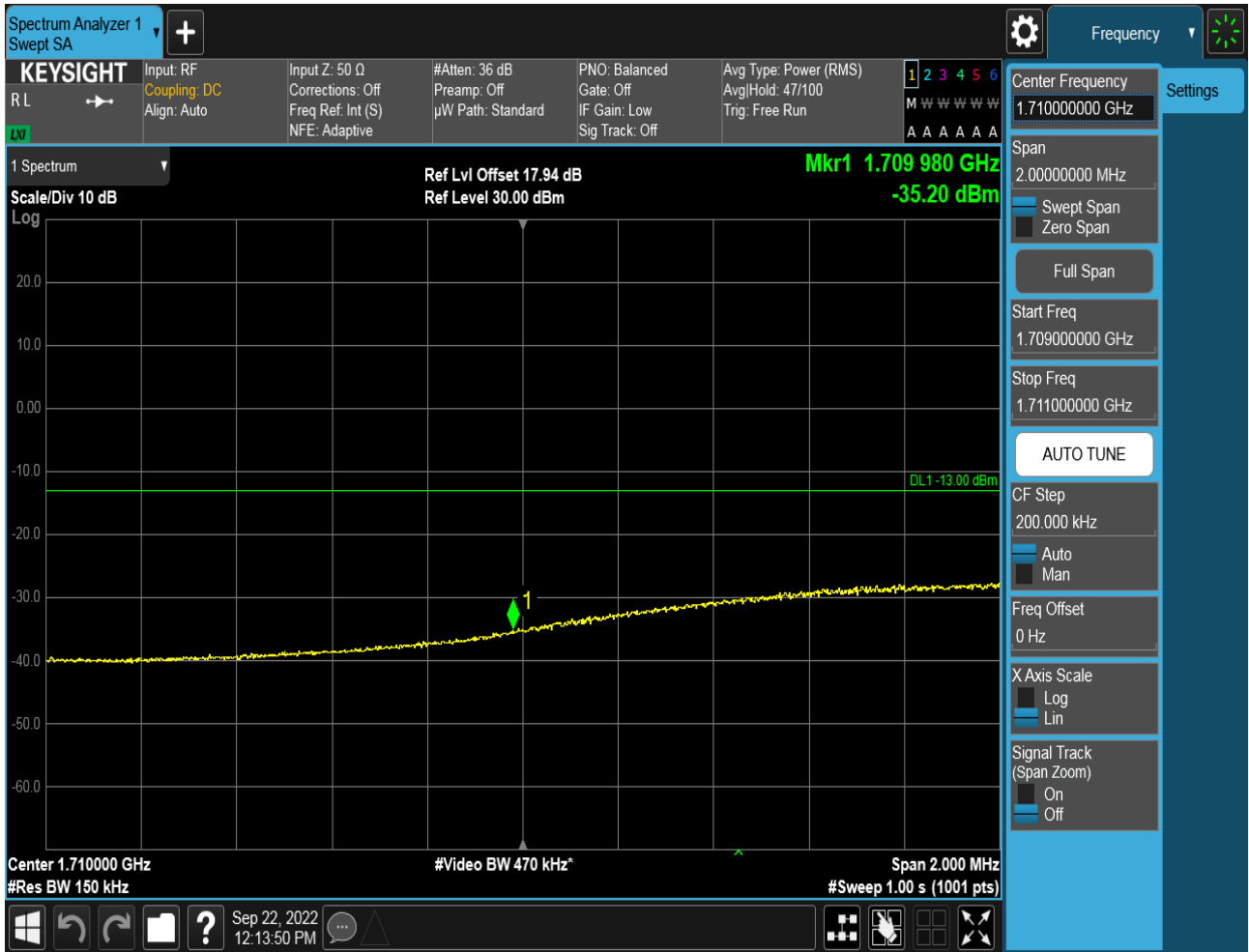


5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





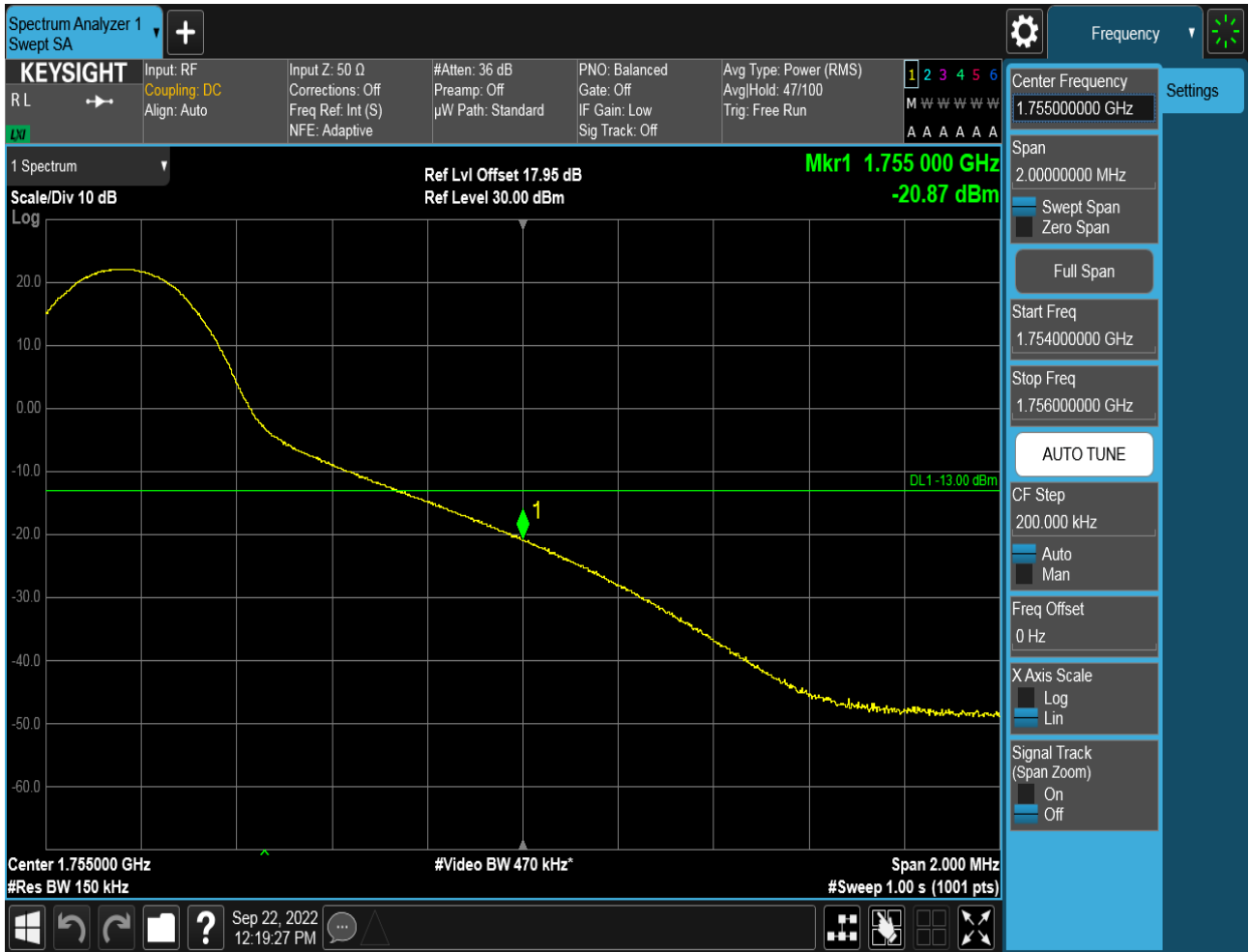
5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

