



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	23.75	23.45	33	PASS
				RB1#3	23.30	23.00	33	PASS
				RB1#5	23.78	23.48	33	PASS
				RB3#0	23.47	23.17	33	PASS
				RB3#2	23.64	23.34	33	PASS
				RB3#3	23.77	23.47	33	PASS
				RB6#0	22.73	22.43	33	PASS
			MCH	RB1#0	23.68	23.38	33	PASS
				RB1#3	23.47	23.17	33	PASS
				RB1#5	23.79	23.49	33	PASS
				RB3#0	23.55	23.25	33	PASS
				RB3#2	23.41	23.11	33	PASS
				RB3#3	23.66	23.36	33	PASS
				RB6#0	22.70	22.40	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
			HCH	RB1#0	23.74	23.44	33	PASS	
				RB1#3	23.25	22.95	33	PASS	
				RB1#5	23.60	23.30	33	PASS	
				RB3#0	23.51	23.21	33	PASS	
				RB3#2	23.43	23.13	33	PASS	
				RB3#3	23.54	23.24	33	PASS	
				RB6#0	22.59	22.29	33	PASS	
		3	LCH	RB1#0	23.72	23.42	33	PASS	
				RB1#7	23.10	22.80	33	PASS	
				RB1#14	23.78	23.48	33	PASS	
				RB8#0	22.63	22.33	33	PASS	
				RB8#4	22.74	22.44	33	PASS	
				RB8#7	22.70	22.40	33	PASS	
				RB15#0	22.70	22.40	33	PASS	
				MCH	RB1#0	23.65	23.35	33	PASS
					RB1#7	23.26	22.96	33	PASS
		RB1#14	23.62		23.32	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.65	22.35	33	PASS
				RB8#4	22.65	22.35	33	PASS
				RB8#7	22.69	22.39	33	PASS
				RB15#0	22.56	22.26	33	PASS
			HCH	RB1#0	23.65	23.35	33	PASS
				RB1#7	23.57	23.27	33	PASS
				RB1#14	23.58	23.28	33	PASS
				RB8#0	22.57	22.27	33	PASS
				RB8#4	22.52	22.22	33	PASS
				RB8#7	22.58	22.28	33	PASS
				RB15#0	22.58	22.28	33	PASS
				5	LCH	RB1#0	23.73	23.43
		RB1#13	23.72			23.42	33	PASS
		RB1#24	23.73			23.43	33	PASS
		RB12#0	22.74			22.44	33	PASS
		RB12#6	22.70			22.40	33	PASS
		RB12#13	22.75			22.45	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.64	22.34	33	PASS
			MCH	RB1#0	23.68	23.38	33	PASS
				RB1#13	23.64	23.34	33	PASS
				RB1#24	23.61	23.31	33	PASS
				RB12#0	22.75	22.45	33	PASS
				RB12#6	22.66	22.36	33	PASS
				RB12#13	22.73	22.43	33	PASS
				RB25#0	22.61	22.31	33	PASS
				HCH	RB1#0	23.51	23.21	33
			RB1#13		23.59	23.29	33	PASS
			RB1#24		23.52	23.22	33	PASS
			RB12#0		22.62	22.32	33	PASS
			RB12#6		22.57	22.27	33	PASS
			RB12#13		22.62	22.32	33	PASS
			RB25#0		22.51	22.21	33	PASS
		10	LCH	RB1#0	23.62	23.32	33	PASS
				RB1#25	23.51	23.21	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.71	23.41	33	PASS
				RB25#0	22.69	22.39	33	PASS
				RB25#13	22.72	22.42	33	PASS
				RB25#25	22.68	22.38	33	PASS
				RB50#0	22.63	22.33	33	PASS
			MCH	RB1#0	23.57	23.27	33	PASS
				RB1#25	23.47	23.17	33	PASS
				RB1#49	23.50	23.20	33	PASS
				RB25#0	22.70	22.40	33	PASS
				RB25#13	22.66	22.36	33	PASS
				RB25#25	22.64	22.34	33	PASS
				RB50#0	22.60	22.30	33	PASS
			HCH	RB1#0	23.47	23.17	33	PASS
				RB1#25	23.22	22.92	33	PASS
				RB1#49	23.47	23.17	33	PASS
				RB25#0	22.58	22.28	33	PASS
				RB25#13	22.55	22.25	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.52	22.22	33	PASS
				RB50#0	22.44	22.14	33	PASS
		15	LCH	RB1#0	23.57	23.27	33	PASS
				RB1#38	23.71	23.41	33	PASS
				RB1#74	23.59	23.29	33	PASS
				RB38#0	22.70	22.40	33	PASS
				RB38#19	22.73	22.43	33	PASS
				RB38#39	22.70	22.40	33	PASS
				RB75#0	22.61	22.31	33	PASS
		15	MCH	RB1#0	23.42	23.12	33	PASS
				RB1#38	23.60	23.30	33	PASS
				RB1#74	23.37	23.07	33	PASS
				RB38#0	22.67	22.37	33	PASS
				RB38#19	22.64	22.34	33	PASS
				RB38#39	22.57	22.27	33	PASS
15	HCH	RB1#0	23.32	23.02	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	23.45	23.15	33	PASS	
				RB1#74	23.24	22.94	33	PASS	
				RB38#0	22.58	22.28	33	PASS	
				RB38#19	22.51	22.21	33	PASS	
				RB38#39	22.58	22.28	33	PASS	
				RB75#0	22.54	22.24	33	PASS	
		20	LCH	RB1#0	23.45	23.15	33	PASS	
				RB1#50	23.38	23.08	33	PASS	
				RB1#99	23.53	23.23	33	PASS	
				RB50#0	22.62	22.32	33	PASS	
				RB50#25	22.70	22.40	33	PASS	
				RB50#50	22.66	22.36	33	PASS	
				RB100#0	22.60	22.30	33	PASS	
				MCH	RB1#0	23.61	23.31	33	PASS
					RB1#50	23.35	23.05	33	PASS
					RB1#99	23.49	23.19	33	PASS
RB50#0	22.58	22.28	33		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.60	22.30	33	PASS
				RB50#50	22.53	22.23	33	PASS
				RB100#0	22.61	22.31	33	PASS
			HCH	RB1#0	23.50	23.20	33	PASS
				RB1#50	23.23	22.93	33	PASS
				RB1#99	23.34	23.04	33	PASS
				RB50#0	22.55	22.25	33	PASS
				RB50#25	22.57	22.27	33	PASS
				RB50#50	22.57	22.27	33	PASS
				RB100#0	22.39	22.09	33	PASS
			LCH	RB1#0	22.96	22.66	33	PASS
				RB1#3	22.50	22.20	33	PASS
				RB1#5	23.06	22.76	33	PASS
				RB3#0	22.69	22.39	33	PASS
RB3#2	22.89	22.59		33	PASS			
RB3#3	22.71	22.41		33	PASS			
RB6#0	21.62	21.32		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.87	22.57	33	PASS
				RB1#3	22.60	22.30	33	PASS
				RB1#5	23.00	22.70	33	PASS
				RB3#0	22.66	22.36	33	PASS
				RB3#2	22.58	22.28	33	PASS
				RB3#3	22.80	22.50	33	PASS
			RB6#0	21.60	21.30	33	PASS	
			HCH	RB1#0	22.79	22.49	33	PASS
				RB1#3	22.43	22.13	33	PASS
				RB1#5	23.04	22.74	33	PASS
				RB3#0	22.75	22.45	33	PASS
				RB3#2	22.53	22.23	33	PASS
		RB3#3		22.67	22.37	33	PASS	
		3	LCH	RB1#0	23.13	22.83	33	PASS
				RB1#7	22.76	22.46	33	PASS
RB1#14	23.06			22.76	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.75	21.45	33	PASS
				RB8#4	21.77	21.47	33	PASS
				RB8#7	21.71	21.41	33	PASS
				RB15#0	21.70	21.40	33	PASS
			MCH	RB1#0	22.90	22.60	33	PASS
				RB1#7	22.33	22.03	33	PASS
				RB1#14	23.06	22.76	33	PASS
				RB8#0	21.79	21.49	33	PASS
				RB8#4	21.78	21.48	33	PASS
				RB8#7	21.60	21.30	33	PASS
				RB15#0	21.56	21.26	33	PASS
			HCH	RB1#0	22.63	22.33	33	PASS
				RB1#7	22.01	21.71	33	PASS
				RB1#14	22.58	22.28	33	PASS
				RB8#0	21.52	21.22	33	PASS
				RB8#4	21.56	21.26	33	PASS
				RB8#7	21.55	21.25	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB15#0	21.50	21.20	33	PASS
				RB1#0	23.08	22.78	33	PASS
				RB1#13	23.13	22.83	33	PASS
				RB1#24	23.03	22.73	33	PASS
				RB12#0	21.70	21.40	33	PASS
				RB12#6	21.67	21.37	33	PASS
				RB12#13	21.82	21.52	33	PASS
				RB25#0	21.62	21.32	33	PASS
				MCH	RB1#0	23.02	22.72	33
			RB1#13		23.04	22.74	33	PASS
			RB1#24		23.00	22.70	33	PASS
			RB12#0		21.69	21.39	33	PASS
			RB12#6		21.69	21.39	33	PASS
			RB12#13		21.75	21.45	33	PASS
			RB25#0		21.59	21.29	33	PASS
			HCH	RB1#0	22.93	22.63	33	PASS
				RB1#13	22.84	22.54	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.80	22.50	33	PASS
				RB12#0	21.61	21.31	33	PASS
				RB12#6	21.56	21.26	33	PASS
				RB12#13	21.60	21.30	33	PASS
				RB25#0	21.51	21.21	33	PASS
		10	LCH	RB1#0	22.95	22.65	33	PASS
				RB1#25	22.76	22.46	33	PASS
				RB1#49	23.03	22.73	33	PASS
				RB25#0	21.66	21.36	33	PASS
				RB25#13	21.70	21.40	33	PASS
				RB25#25	21.64	21.34	33	PASS
				RB50#0	21.55	21.25	33	PASS
		MCH	RB1#0	23.04	22.74	33	PASS	
			RB1#25	22.66	22.36	33	PASS	
			RB1#49	23.01	22.71	33	PASS	
			RB25#0	21.71	21.41	33	PASS	
			RB25#13	21.67	21.37	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.68	21.38	33	PASS
				RB50#0	21.56	21.26	33	PASS
			HCH	RB1#0	22.69	22.39	33	PASS
				RB1#25	22.28	21.98	33	PASS
				RB1#49	22.54	22.24	33	PASS
				RB25#0	21.53	21.23	33	PASS
				RB25#13	21.52	21.22	33	PASS
				RB25#25	21.56	21.26	33	PASS
				RB50#0	21.42	21.12	33	PASS
		15	LCH	RB1#0	22.90	22.60	33	PASS
				RB1#38	23.06	22.76	33	PASS
				RB1#74	22.88	22.58	33	PASS
				RB38#0	21.64	21.34	33	PASS
				RB38#19	21.64	21.34	33	PASS
				RB38#39	21.65	21.35	33	PASS
RB75#0	21.60	21.30		33	PASS			
MCH	RB1#0	22.76	22.46	33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.91	22.61	33	PASS
				RB1#74	22.65	22.35	33	PASS
				RB38#0	21.64	21.34	33	PASS
				RB38#19	21.65	21.35	33	PASS
				RB38#39	21.56	21.26	33	PASS
				RB75#0	21.57	21.27	33	PASS
			HCH	RB1#0	22.60	22.30	33	PASS
				RB1#38	22.70	22.40	33	PASS
				RB1#74	22.57	22.27	33	PASS
				RB38#0	21.53	21.23	33	PASS
				RB38#19	21.52	21.22	33	PASS
				RB38#39	21.51	21.21	33	PASS
		20	LCH	RB1#0	22.82	22.52	33	PASS
				RB1#50	22.64	22.34	33	PASS
				RB1#99	22.76	22.46	33	PASS
				RB50#0	21.57	21.27	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.64	21.34	33	PASS
				RB50#50	21.62	21.32	33	PASS
				RB100#0	21.55	21.25	33	PASS
			MCH	RB1#0	22.98	22.68	33	PASS
				RB1#50	22.67	22.37	33	PASS
				RB1#99	22.82	22.52	33	PASS
				RB50#0	21.50	21.20	33	PASS
				RB50#25	21.53	21.23	33	PASS
				RB50#50	21.59	21.29	33	PASS
				RB100#0	21.54	21.24	33	PASS
			HCH	RB1#0	22.76	22.46	33	PASS
				RB1#50	22.32	22.02	33	PASS
				RB1#99	22.64	22.34	33	PASS
				RB50#0	21.59	21.29	33	PASS
				RB50#25	21.51	21.21	33	PASS
RB50#50	21.51	21.21		33	PASS			
RB100#0	21.33	21.03		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	5.28	13	PASS
				RB1#3	5.36	13	PASS
				RB1#5	5.19	13	PASS
				RB3#0	5.37	13	PASS
				RB3#2	5.37	13	PASS
				RB3#3	5.25	13	PASS
			RB6#0	5.93	13	PASS	
			MCH	RB1#0	5.21	13	PASS
				RB1#3	5.41	13	PASS
				RB1#5	5.20	13	PASS
				RB3#0	5.05	13	PASS
				RB3#2	5.20	13	PASS
				RB3#3	5.09	13	PASS
			HCH	RB6#0	6.12	13	PASS
				RB1#0	4.46	13	PASS
				RB1#3	4.62	13	PASS
				RB1#5	4.36	13	PASS
				RB3#0	4.69	13	PASS
		RB3#2		4.64	13	PASS	
		3	LCH	RB3#3	4.66	13	PASS
				RB6#0	5.41	13	PASS
				RB1#0	5.37	13	PASS
				RB1#7	5.26	13	PASS
				RB1#14	5.33	13	PASS
				RB8#0	5.86	13	PASS
			MCH	RB8#4	6.03	13	PASS
				RB8#7	5.96	13	PASS
				RB15#0	6.09	13	PASS
				RB1#0	5.09	13	PASS
				RB1#7	5.24	13	PASS
RB1#14	4.97			13	PASS		
RB8#0	6.11	13	PASS				
RB8#4	6.16	13	PASS				
RB8#7	6.08	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	6.16	13	PASS
				RB1#0	4.30	13	PASS
				RB1#7	4.47	13	PASS
				RB1#14	4.23	13	PASS
				RB8#0	5.59	13	PASS
				RB8#4	5.51	13	PASS
				RB8#7	5.65	13	PASS
				RB15#0	5.59	13	PASS
		5	LCH	RB1#0	5.26	13	PASS
				RB1#13	5.13	13	PASS
				RB1#24	5.09	13	PASS
				RB12#0	6.16	13	PASS
				RB12#6	6.12	13	PASS
				RB12#13	6.16	13	PASS
				RB25#0	6.43	13	PASS
			MCH	RB1#0	5.24	13	PASS
				RB1#13	5.18	13	PASS
				RB1#24	5.09	13	PASS
				RB12#0	6.03	13	PASS
				RB12#6	6.14	13	PASS
				RB12#13	6.16	13	PASS
			HCH	RB25#0	6.24	13	PASS
				RB1#0	4.48	13	PASS
				RB1#13	4.40	13	PASS
				RB1#24	4.42	13	PASS
		RB12#0		5.54	13	PASS	
		RB12#6		5.48	13	PASS	
		RB12#13		5.52	13	PASS	
		10	LCH	RB25#0	5.71	13	PASS
				RB1#0	5.34	13	PASS
				RB1#25	5.28	13	PASS
				RB1#49	5.06	13	PASS
				RB25#0	6.29	13	PASS
RB25#13	6.14			13	PASS		
RB25#25	6.12			13	PASS		
RB50#0	6.45		13	PASS			
MCH	RB1#0		5.03	13	PASS		
	RB1#25		5.06	13	PASS		
	RB1#49	4.87	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.42	13	PASS
				RB25#13	6.34	13	PASS
				RB25#25	6.21	13	PASS
				RB50#0	6.55	13	PASS
			HCH	RB1#0	4.53	13	PASS
				RB1#25	4.49	13	PASS
				RB1#49	4.29	13	PASS
				RB25#0	5.88	13	PASS
				RB25#13	5.72	13	PASS
				RB25#25	5.65	13	PASS
				RB50#0	6.20	13	PASS
				LCH	RB1#0	5.37	13
			RB1#38		5.07	13	PASS
			RB1#74		5.09	13	PASS
		RB38#0	6.40		13	PASS	
		RB38#19	6.37		13	PASS	
		RB38#39	6.35		13	PASS	
		RB75#0	6.74		13	PASS	
		MCH	RB1#0	5.12	13	PASS	
			RB1#38	5.03	13	PASS	
			RB1#74	5.03	13	PASS	
			RB38#0	6.56	13	PASS	
			RB38#19	6.50	13	PASS	
			RB38#39	6.44	13	PASS	
			RB75#0	6.70	13	PASS	
		HCH	RB1#0	4.86	13	PASS	
			RB1#38	4.60	13	PASS	
			RB1#74	4.63	13	PASS	
			RB38#0	6.18	13	PASS	
			RB38#19	5.95	13	PASS	
			RB38#39	5.82	13	PASS	
			RB75#0	6.40	13	PASS	
20	LCH	RB1#0	5.20	13	PASS		
		RB1#50	5.03	13	PASS		
		RB1#99	4.91	13	PASS		
		RB50#0	6.52	13	PASS		
		RB50#25	6.38	13	PASS		
		RB50#50	6.47	13	PASS		
		RB100#0	6.64	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	5.09	13	PASS
				RB1#50	5.06	13	PASS
				RB1#99	4.98	13	PASS
				RB50#0	6.49	13	PASS
				RB50#25	6.36	13	PASS
				RB50#50	6.38	13	PASS
				RB100#0	6.45	13	PASS
			HCH	RB1#0	4.88	13	PASS
				RB1#50	4.72	13	PASS
				RB1#99	4.50	13	PASS
				RB50#0	6.54	13	PASS
				RB50#25	6.17	13	PASS
				RB50#50	6.17	13	PASS
				RB100#0	6.36	13	PASS
	LCH	RB1#0	6.31	13	PASS		
		RB1#3	6.36	13	PASS		
		RB1#5	6.24	13	PASS		
		RB3#0	5.93	13	PASS		
		RB3#2	6.12	13	PASS		
		RB3#3	6.07	13	PASS		
		RB6#0	6.75	13	PASS		
		MCH	RB1#0	5.72	13	PASS	
			RB1#3	5.96	13	PASS	
			RB1#5	5.73	13	PASS	
			RB3#0	6.51	13	PASS	
			RB3#2	6.45	13	PASS	
			RB3#3	6.35	13	PASS	
			RB6#0	6.96	13	PASS	
	HCH	RB1#0	5.44	13	PASS		
		RB1#3	5.74	13	PASS		
		RB1#5	5.48	13	PASS		
		RB3#0	5.44	13	PASS		
RB3#2		5.61	13	PASS			
RB3#3		5.57	13	PASS			
RB6#0		6.20	13	PASS			
3	LCH	RB1#0	5.83	13	PASS		
		RB1#7	5.96	13	PASS		
		RB1#14	5.85	13	PASS		
		RB8#0	7.07	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	7.16	13	PASS	
				RB8#7	7.17	13	PASS	
				RB15#0	7.11	13	PASS	
			MCH	RB1#0	5.95	13	PASS	
				RB1#7	6.22	13	PASS	
				RB1#14	5.91	13	PASS	
				RB8#0	6.43	13	PASS	
				RB8#4	6.52	13	PASS	
				RB8#7	6.54	13	PASS	
				RB15#0	6.86	13	PASS	
				HCH	RB1#0	5.27	13	PASS
					RB1#7	5.63	13	PASS
			RB1#14		5.28	13	PASS	
			RB8#0		6.59	13	PASS	
			RB8#4		6.52	13	PASS	
			RB8#7		6.60	13	PASS	
			RB15#0		6.66	13	PASS	
			5	LCH	RB1#0	5.72	13	PASS
		RB1#13			5.57	13	PASS	
		RB1#24			5.56	13	PASS	
		RB12#0			6.99	13	PASS	
		RB12#6			6.94	13	PASS	
		RB12#13			6.89	13	PASS	
		RB25#0			7.13	13	PASS	
		MCH		RB1#0	5.97	13	PASS	
				RB1#13	6.01	13	PASS	
				RB1#24	5.92	13	PASS	
				RB12#0	7.16	13	PASS	
				RB12#6	7.23	13	PASS	
				RB12#13	7.09	13	PASS	
				RB25#0	6.98	13	PASS	
		HCH		RB1#0	5.35	13	PASS	
			RB1#13	5.26	13	PASS		
RB1#24	5.24		13	PASS				
RB12#0	6.53		13	PASS				
RB12#6	6.47		13	PASS				
RB12#13	6.54		13	PASS				
RB25#0	6.67		13	PASS				
10	LCH	RB1#0	5.65	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.48	13	PASS
				RB1#49	5.46	13	PASS
				RB25#0	7.44	13	PASS
				RB25#13	7.29	13	PASS
				RB25#25	7.25	13	PASS
				RB50#0	7.46	13	PASS
			MCH	RB1#0	6.12	13	PASS
				RB1#25	6.29	13	PASS
				RB1#49	5.91	13	PASS
				RB25#0	7.26	13	PASS
				RB25#13	7.16	13	PASS
				RB25#25	7.13	13	PASS
			HCH	RB50#0	7.37	13	PASS
				RB1#0	5.64	13	PASS
				RB1#25	5.55	13	PASS
				RB1#49	5.40	13	PASS
				RB25#0	7.00	13	PASS
				RB25#13	6.76	13	PASS
		15	LCH	RB25#25	6.81	13	PASS
				RB50#0	7.08	13	PASS
				RB1#0	5.79	13	PASS
				RB1#38	5.47	13	PASS
				RB1#74	5.48	13	PASS
				RB38#0	7.44	13	PASS
			MCH	RB38#19	7.36	13	PASS
				RB38#39	7.35	13	PASS
				RB75#0	7.65	13	PASS
				RB1#0	6.12	13	PASS
				RB1#38	5.96	13	PASS
				RB1#74	5.95	13	PASS
			HCH	RB38#0	7.35	13	PASS
				RB38#19	7.35	13	PASS
				RB38#39	7.27	13	PASS
RB75#0	7.76	13		PASS			
RB38#19	6.93	13		PASS			
				RB1#0	6.19	13	PASS
				RB1#38	5.86	13	PASS
				RB1#74	5.74	13	PASS
				RB38#0	7.17	13	PASS
				RB38#19	6.93	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#39	6.83	13	PASS	
				RB75#0	7.18	13	PASS	
		20	LCH	RB1#0	6.61	13	PASS	
				RB1#50	6.49	13	PASS	
				RB1#99	6.41	13	PASS	
				RB50#0	7.44	13	PASS	
				RB50#25	7.35	13	PASS	
				RB50#50	7.36	13	PASS	
				RB100#0	7.44	13	PASS	
				MCH	RB1#0	5.77	13	PASS
					RB1#50	5.70	13	PASS
			RB1#99		5.57	13	PASS	
			RB50#0		7.38	13	PASS	
			RB50#25		7.33	13	PASS	
			RB50#50		7.23	13	PASS	
			HCH	RB100#0	7.57	13	PASS	
				RB1#0	6.18	13	PASS	
				RB1#50	5.99	13	PASS	
				RB1#99	5.70	13	PASS	
				RB50#0	7.18	13	PASS	
		RB50#25		7.04	13	PASS		
RB50#50	6.81	13		PASS				
RB100#0	7.35	13	PASS					

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

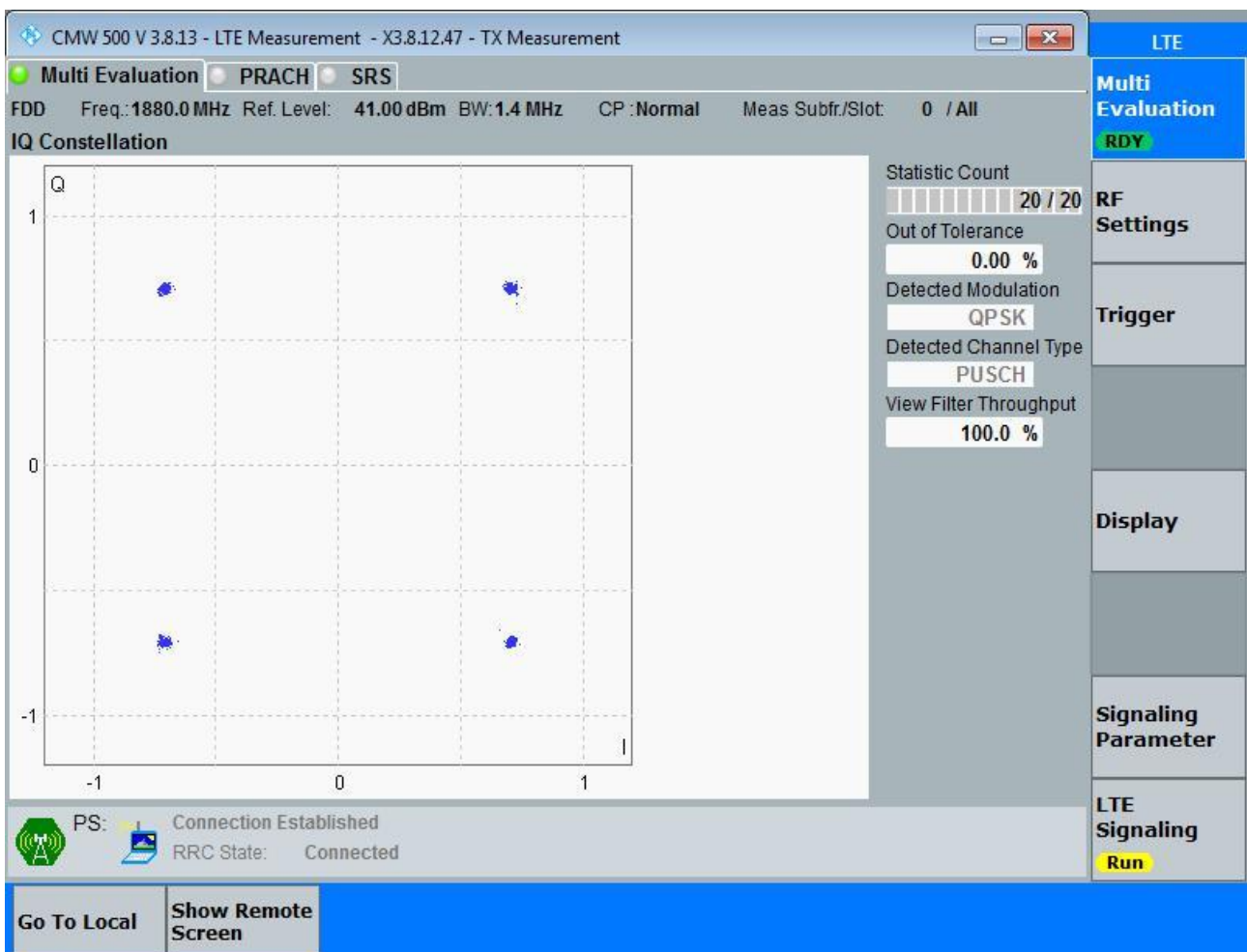
3.1.1 Test Band = Band2

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

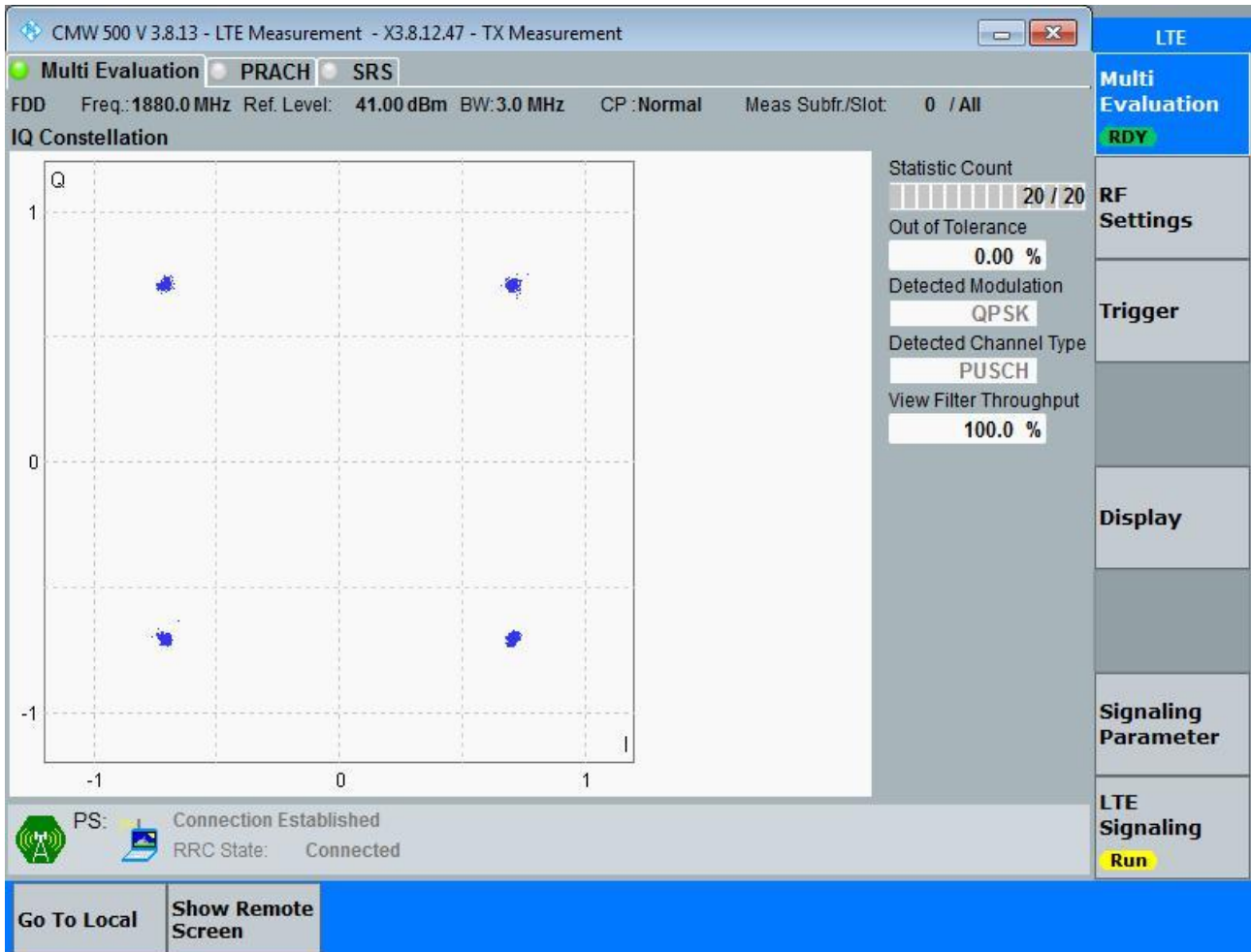
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3MHz

3.1.1.1.2.1 Test Channel = MCH

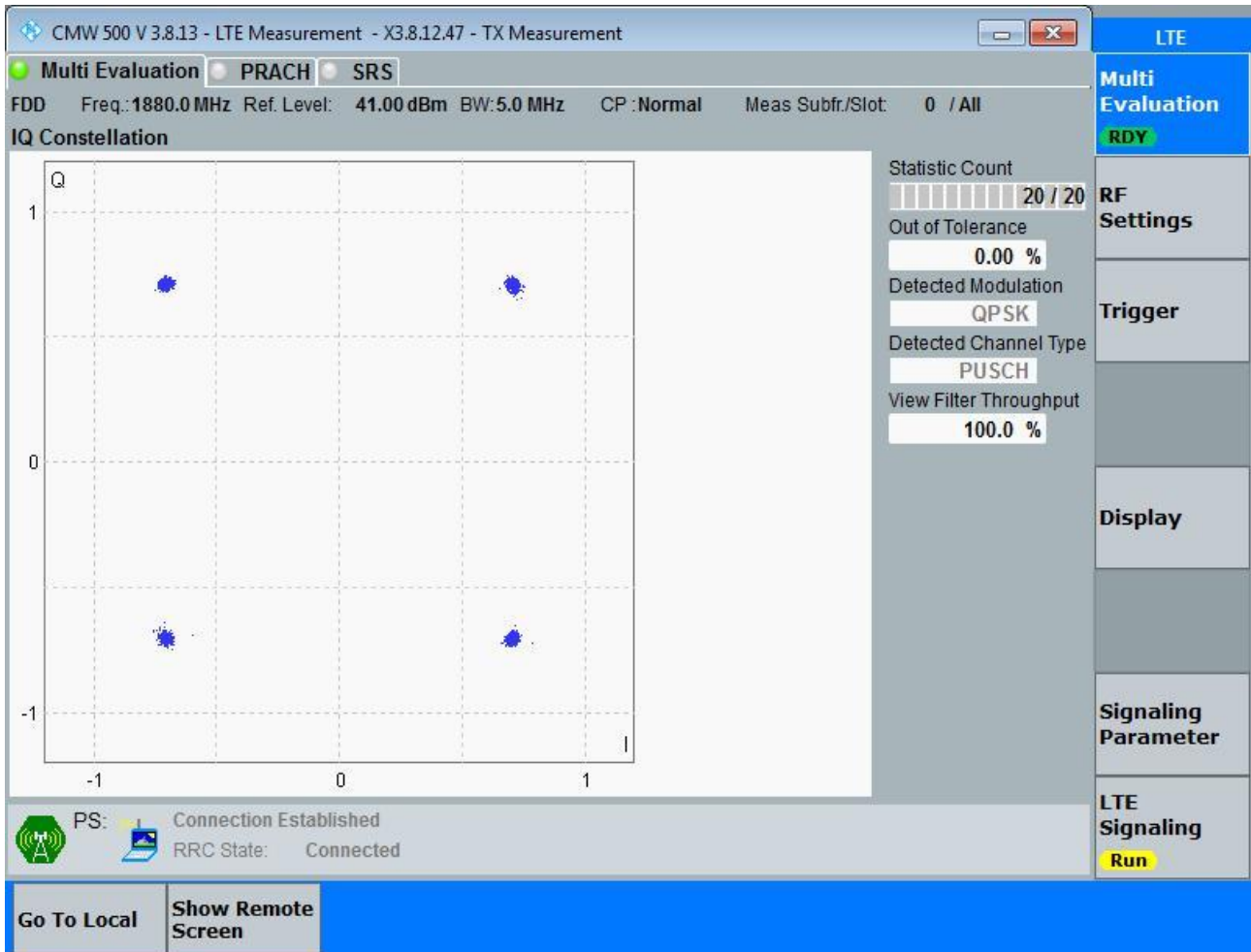
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5MHz

3.1.1.1.3.1 Test Channel = MCH

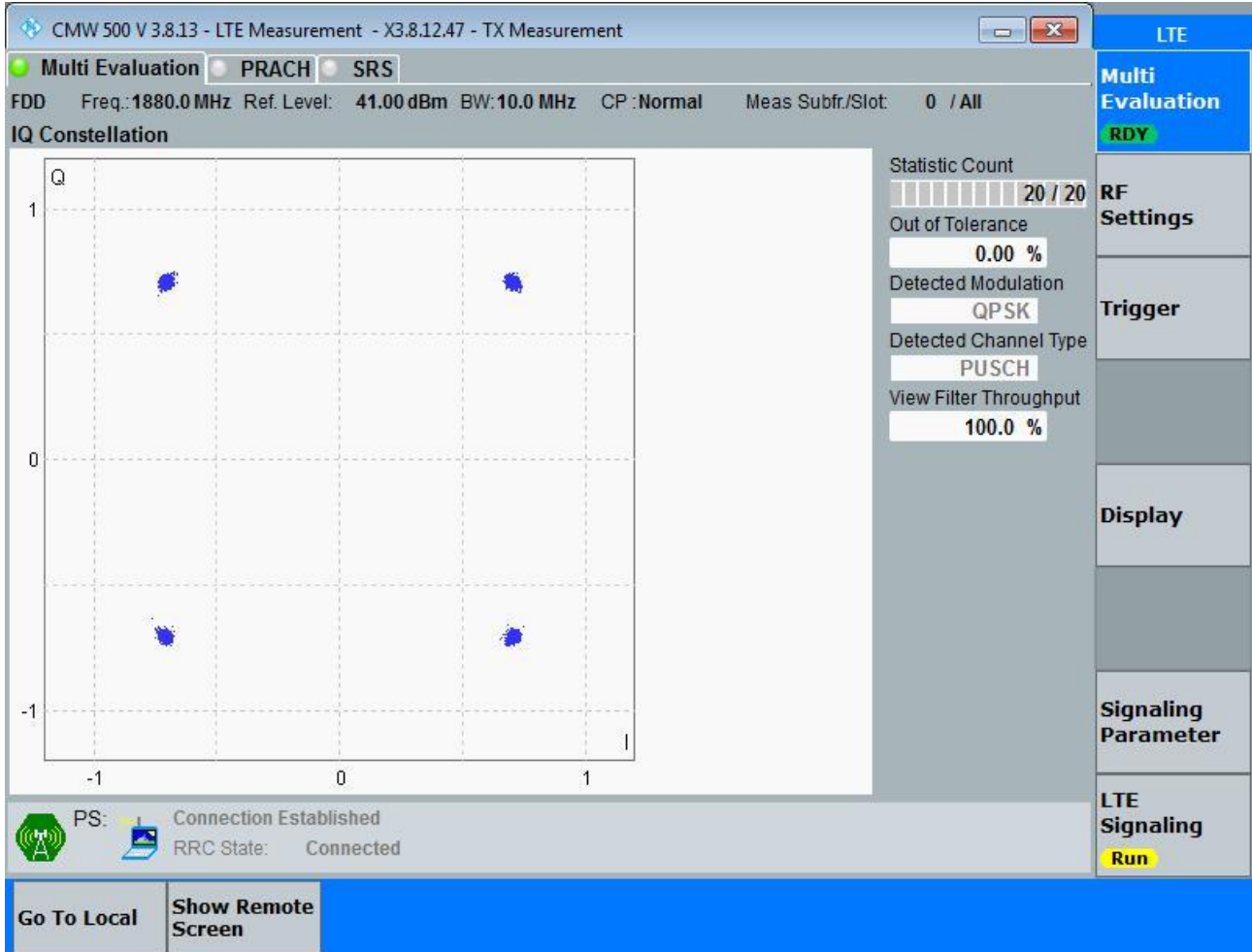
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10MHz

3.1.1.1.4.1 Test Channel = MCH

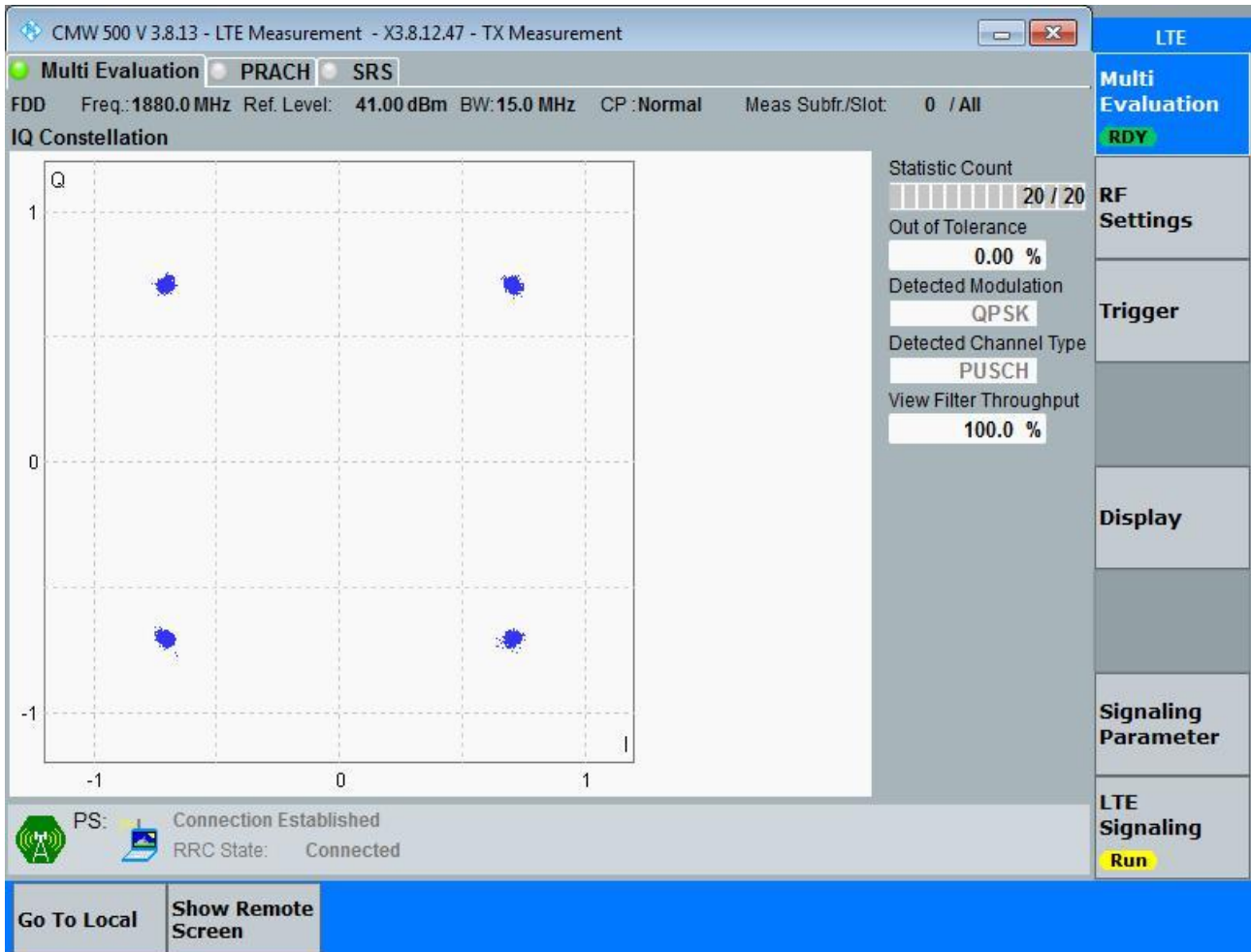
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15MHz

3.1.1.1.5.1 Test Channel = MCH

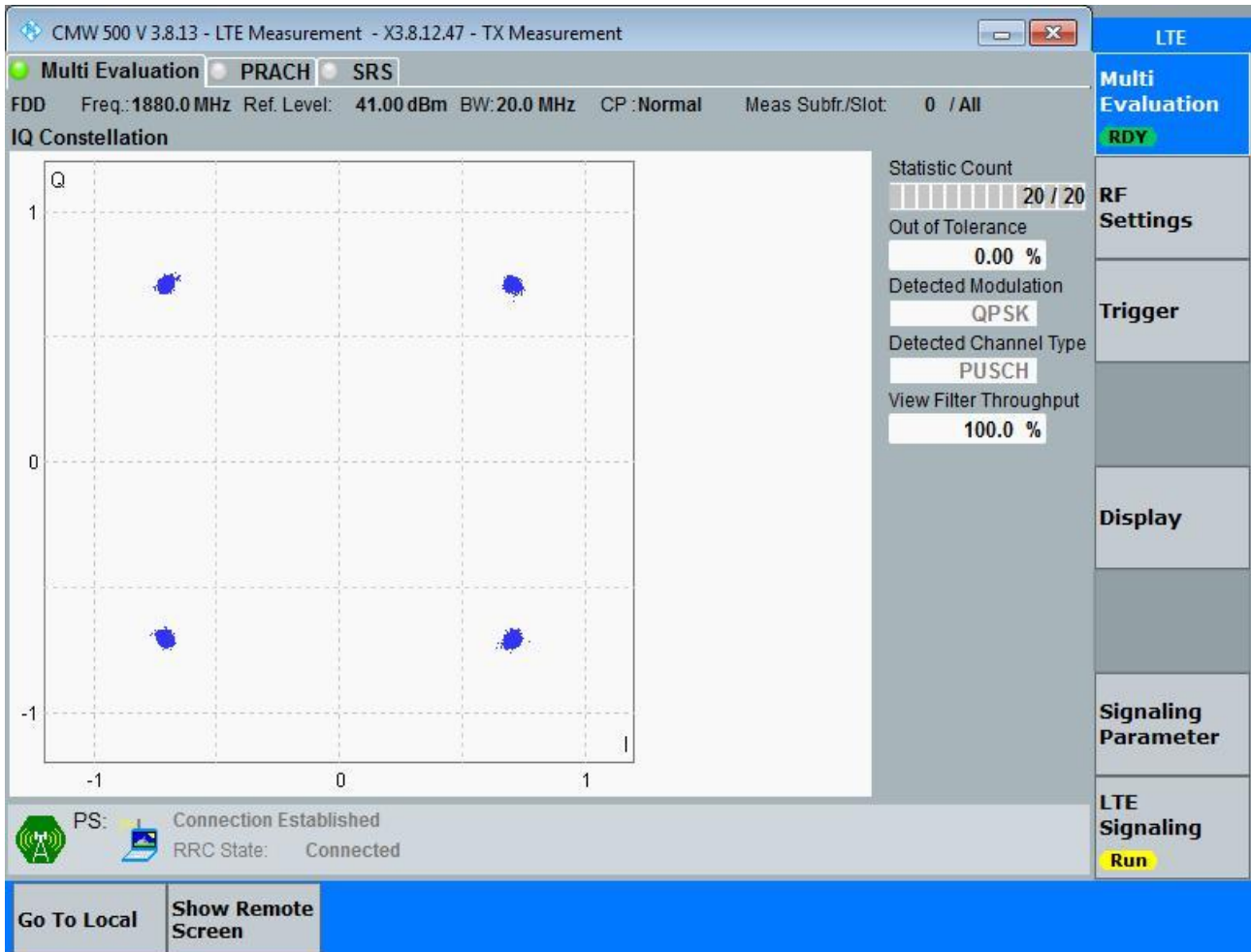
3.1.1.1.5.1.1 Test RB = RB75#0



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

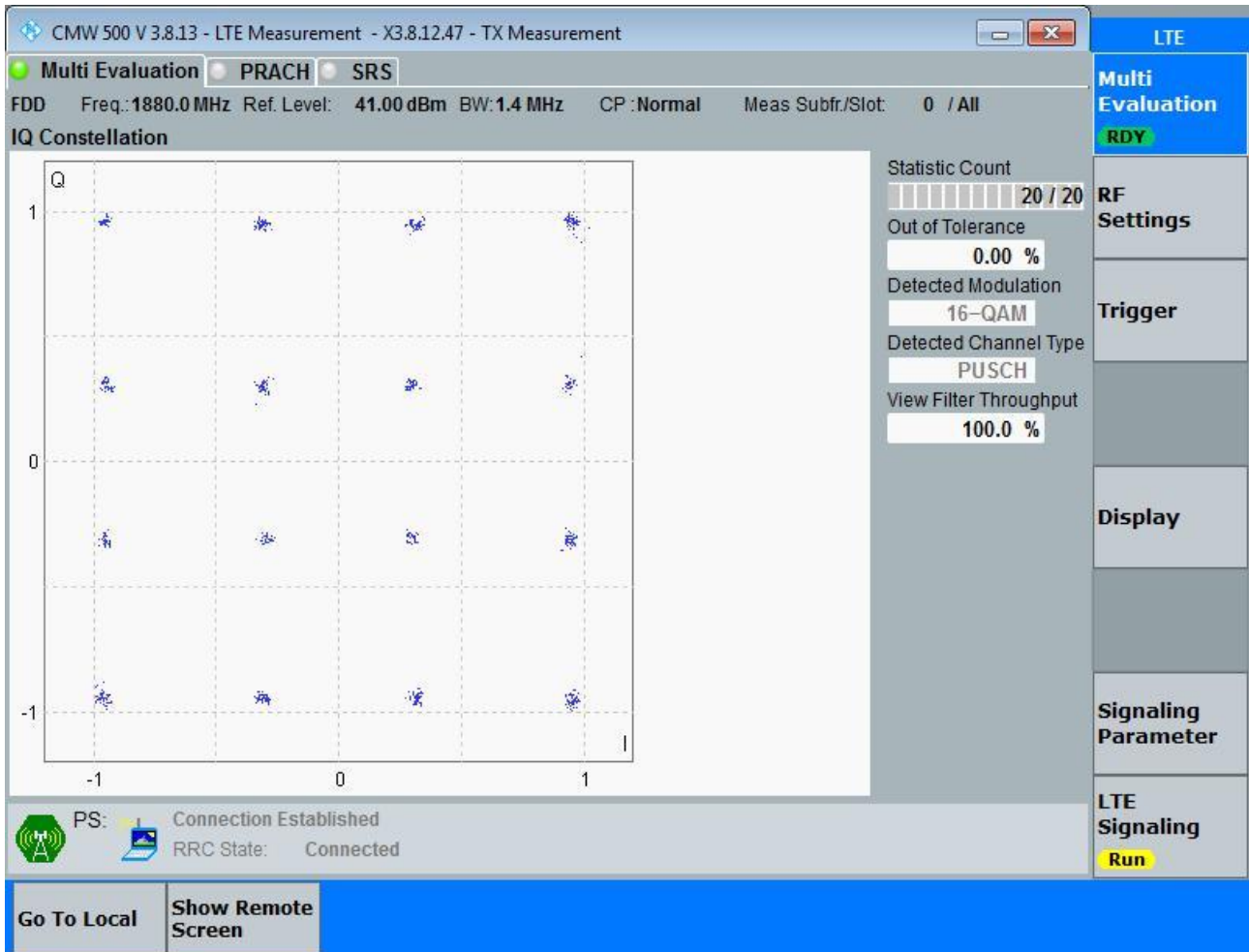


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4MHz

3.1.1.2.1.1 Test Channel = MCH

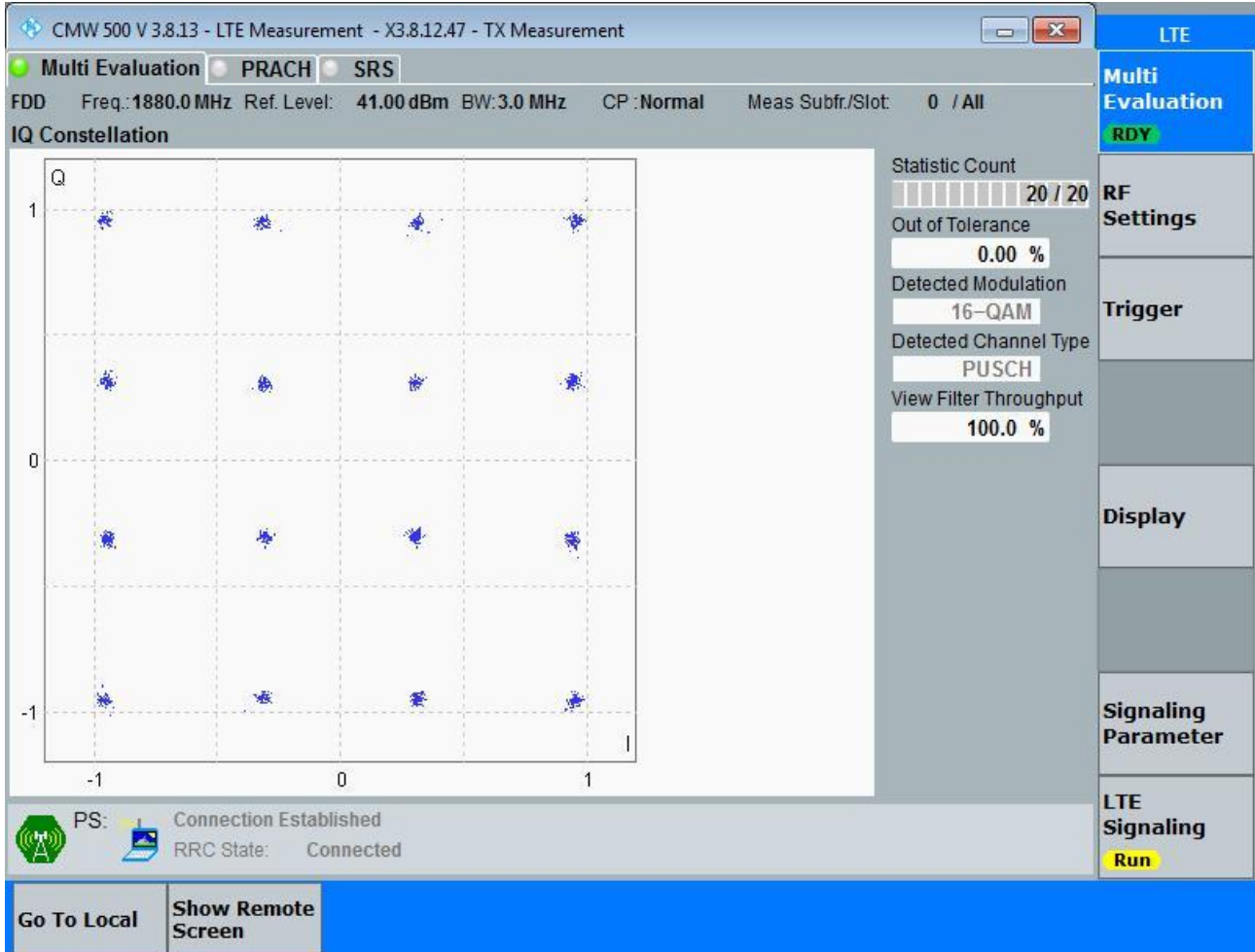
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3MHz

3.1.1.2.2.1 Test Channel = MCH

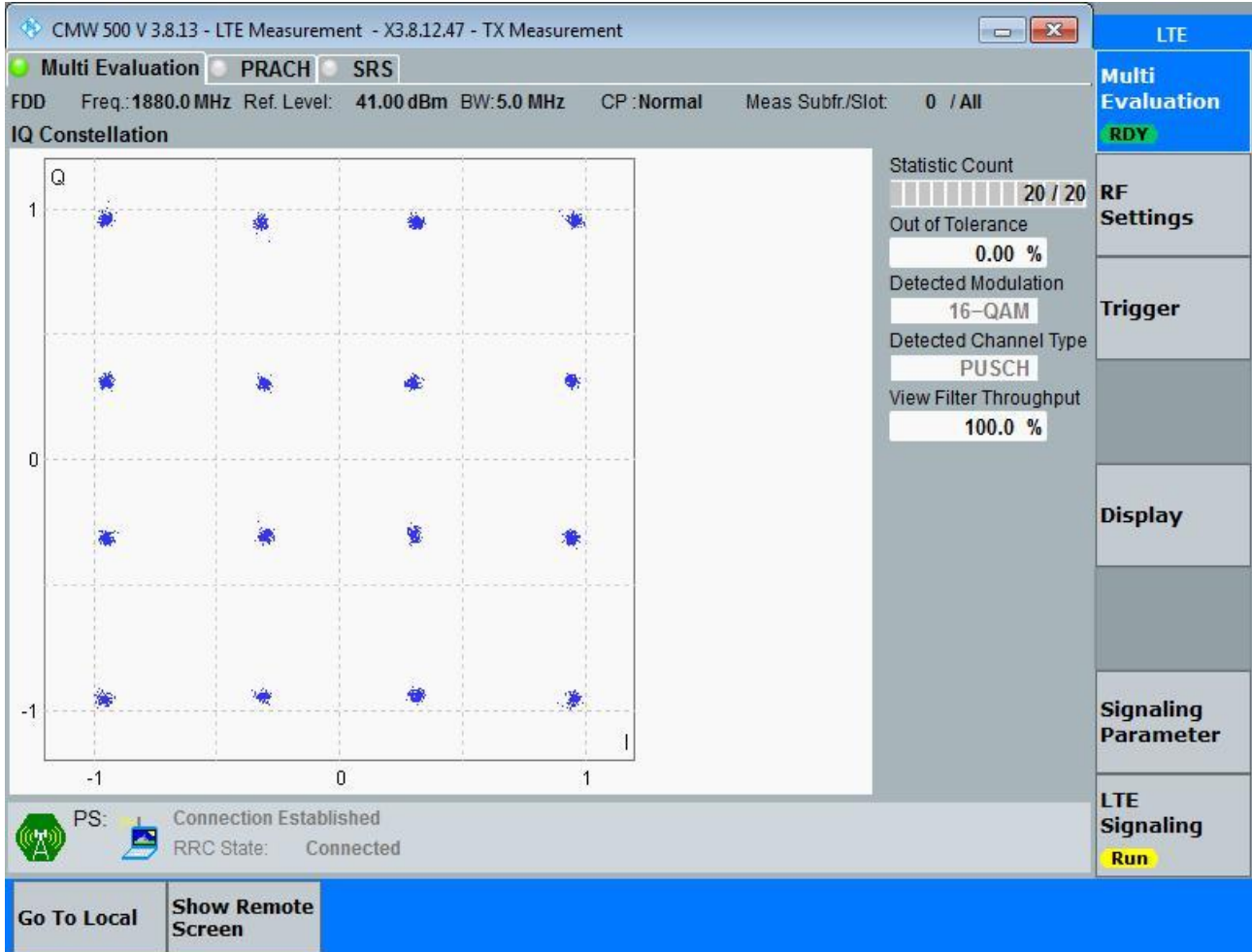
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5MHz

3.1.1.2.3.1 Test Channel = MCH

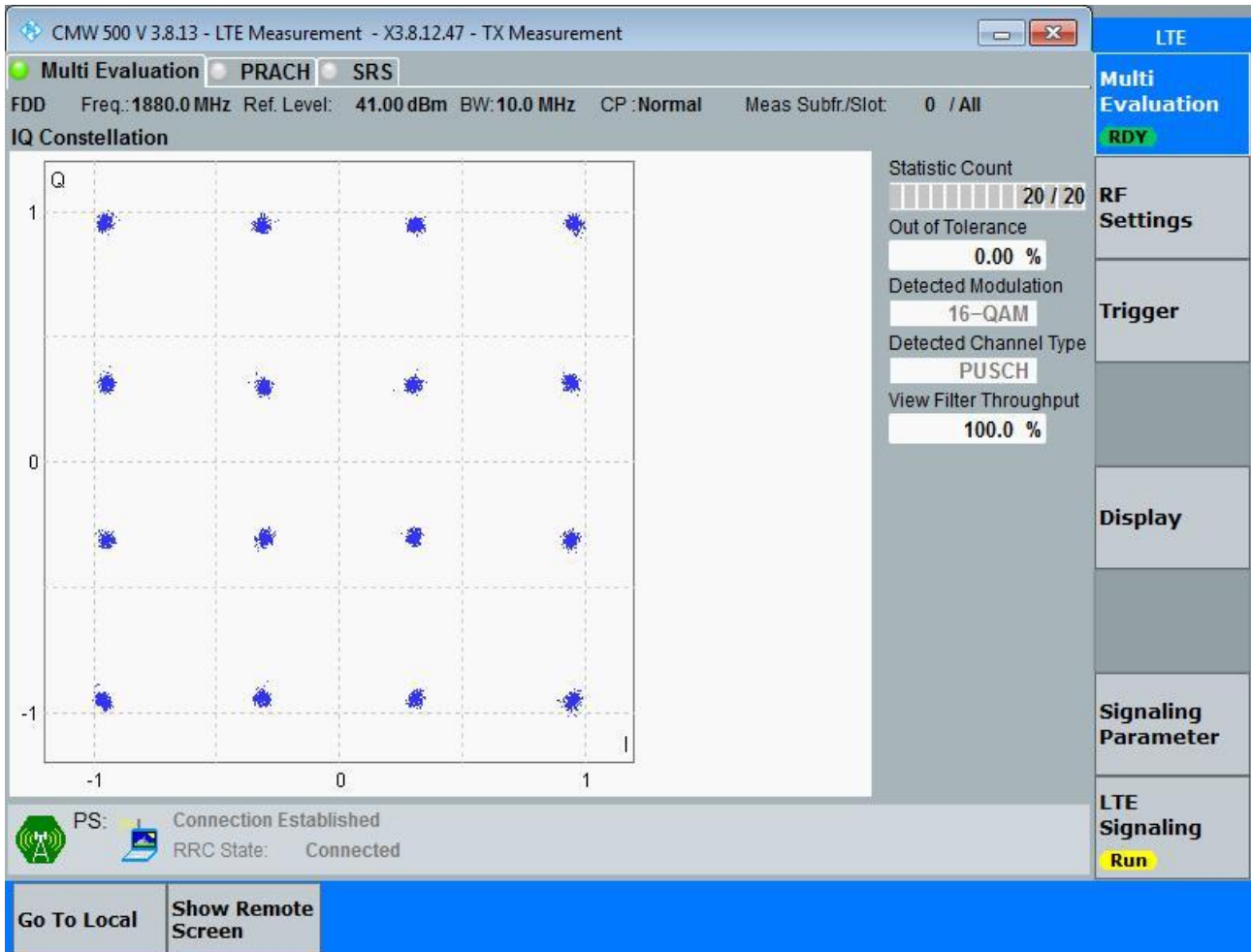
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10MHz

3.1.1.2.4.1 Test Channel = MCH

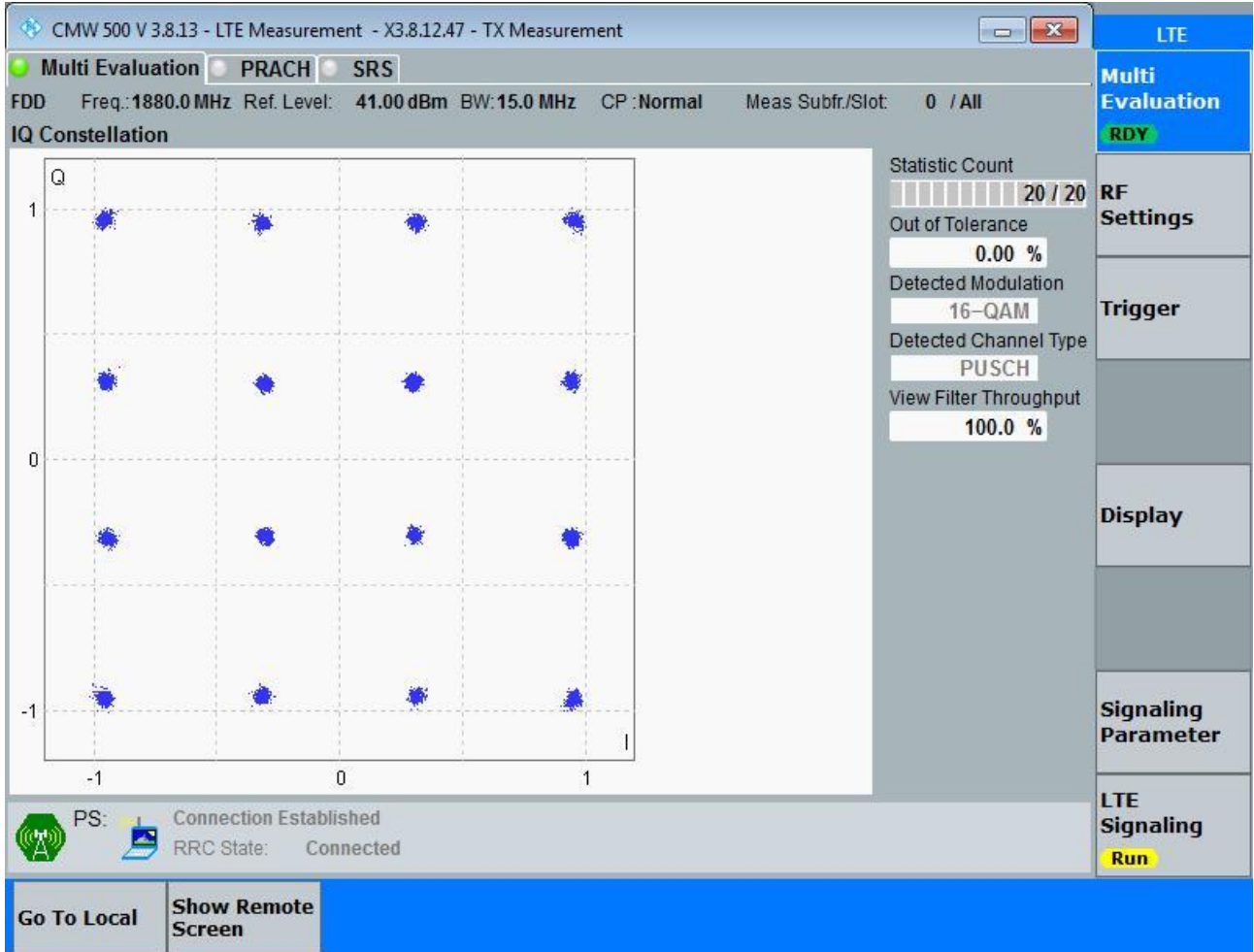
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15MHz

3.1.1.2.5.1 Test Channel = MCH

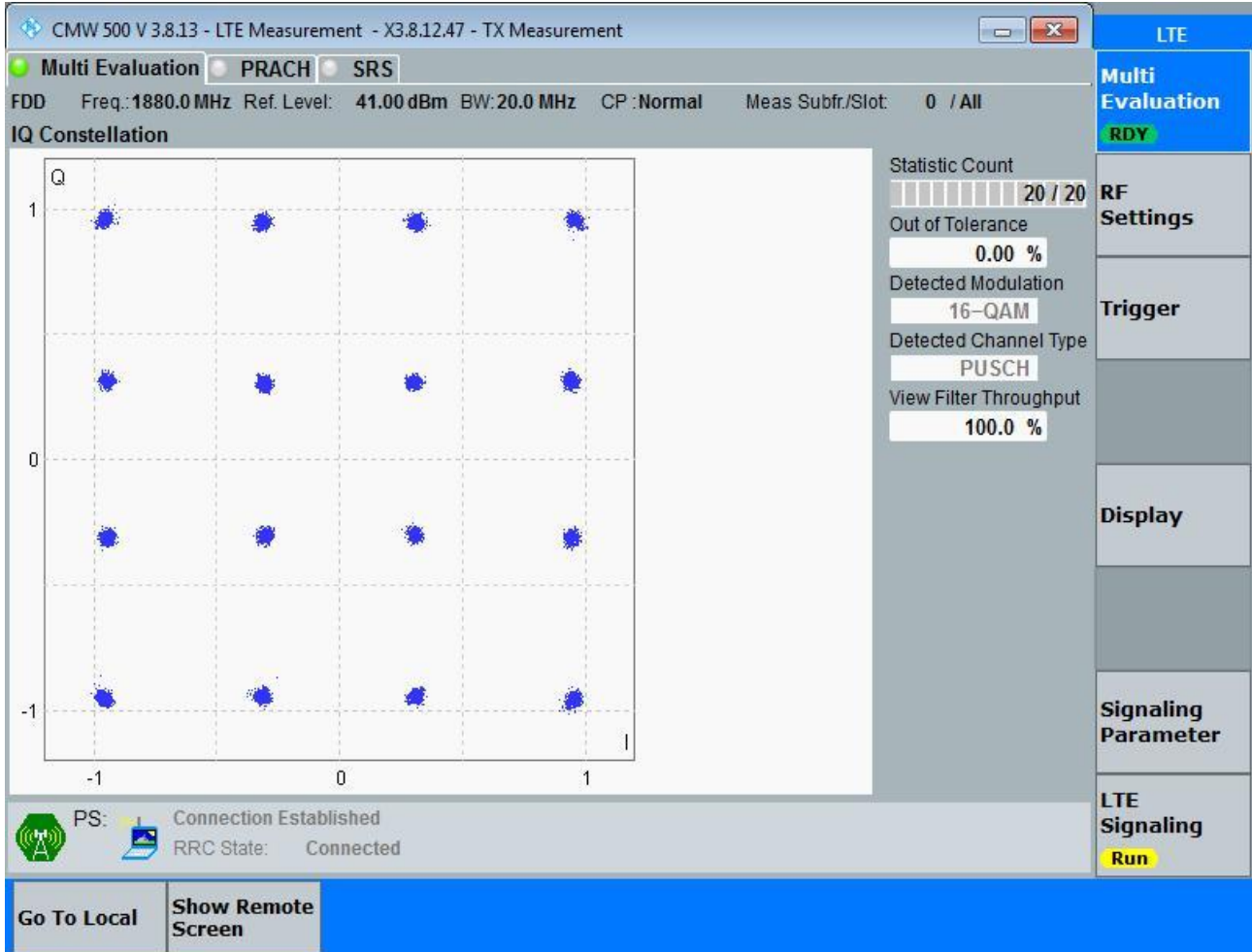
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.10	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	2.99	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.53	4.98	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.50	4.99	Pass
		10	LCH	RB50#0	9.00	9.96	Pass
			MCH	RB50#0	9.01	9.87	Pass
			HCH	RB50#0	9.01	9.96	Pass
		15	LCH	RB75#0	13.49	14.94	Pass
			MCH	RB75#0	13.51	14.93	Pass
			HCH	RB75#0	13.52	14.88	Pass
		20	LCH	RB100#0	17.96	19.68	Pass
			MCH	RB100#0	18.00	19.69	Pass
			HCH	RB100#0	18.00	19.72	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	2.99	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.72	2.97	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.97	Pass
10		LCH	RB50#0	9.00	9.90	Pass	
		MCH	RB50#0	9.01	9.89	Pass	
		HCH	RB50#0	9.01	9.92	Pass	
15		LCH	RB75#0	13.49	15.05	Pass	
		MCH	RB75#0	13.53	14.96	Pass	
		HCH	RB75#0	13.49	14.92	Pass	
20		LCH	RB100#0	18.01	19.73	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	18.02	19.76	Pass
			HCH	RB100#0	17.99	19.76	Pass

Part II - Test Plots

4.1 For LTE

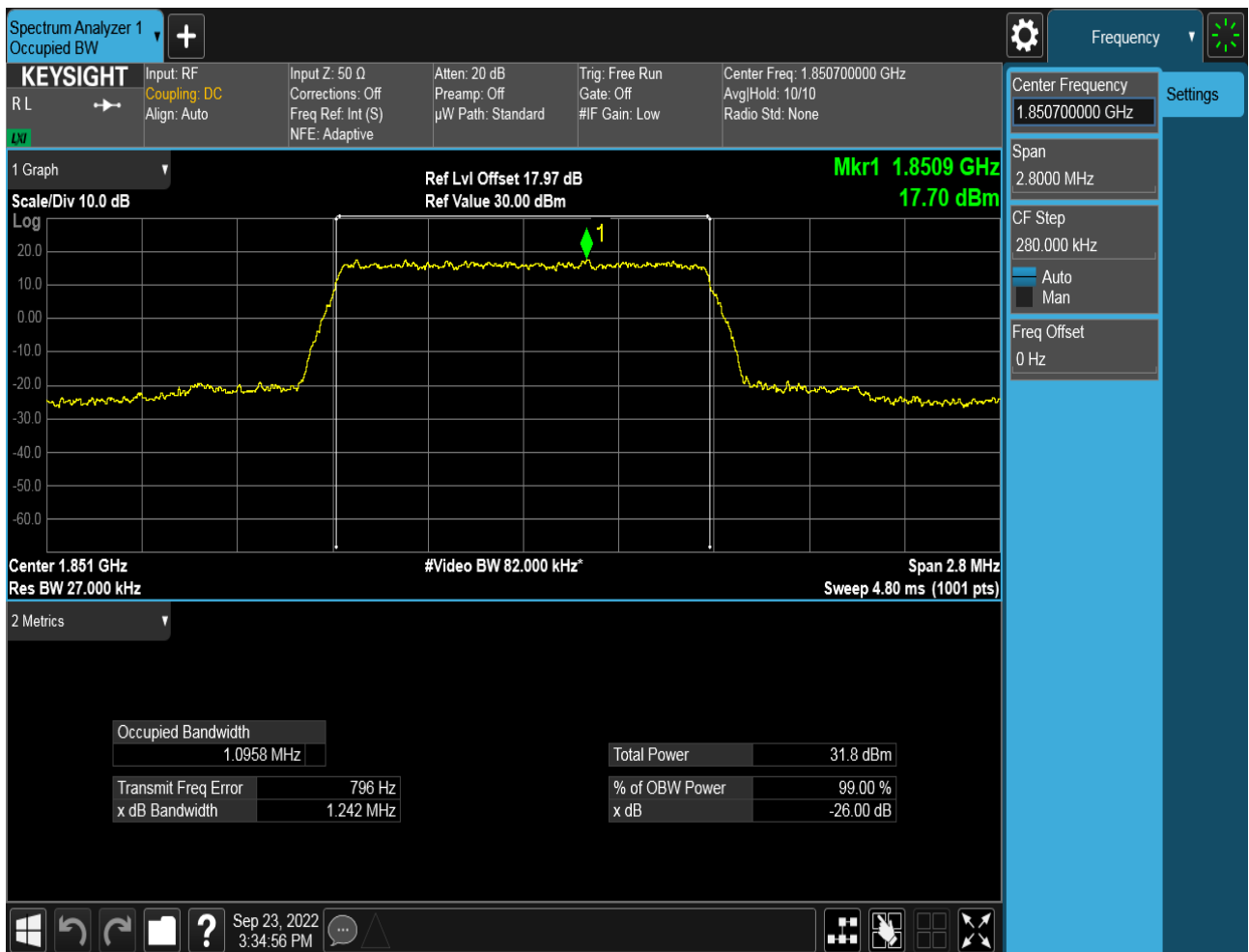
4.1.1 Test Band = Band2

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

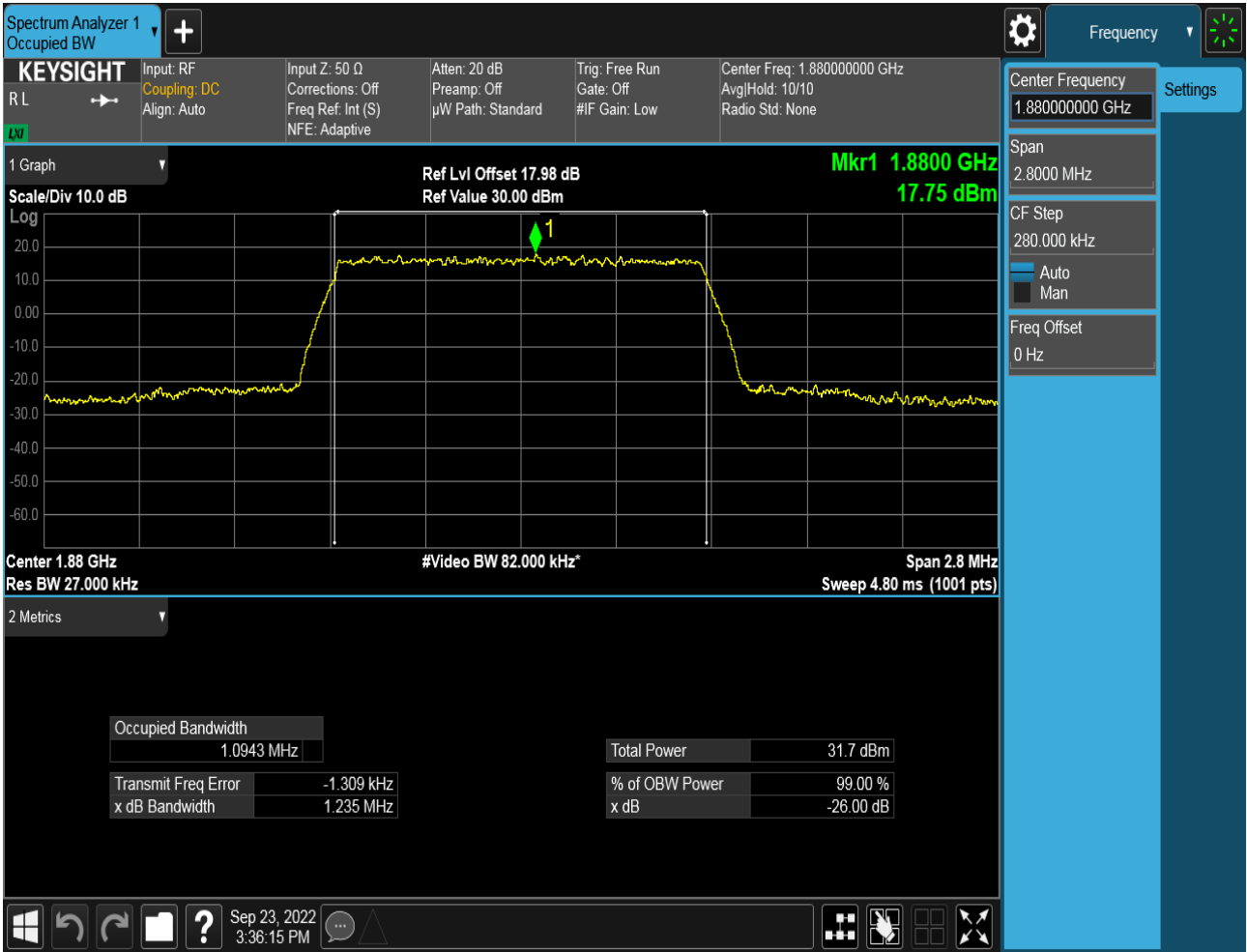
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

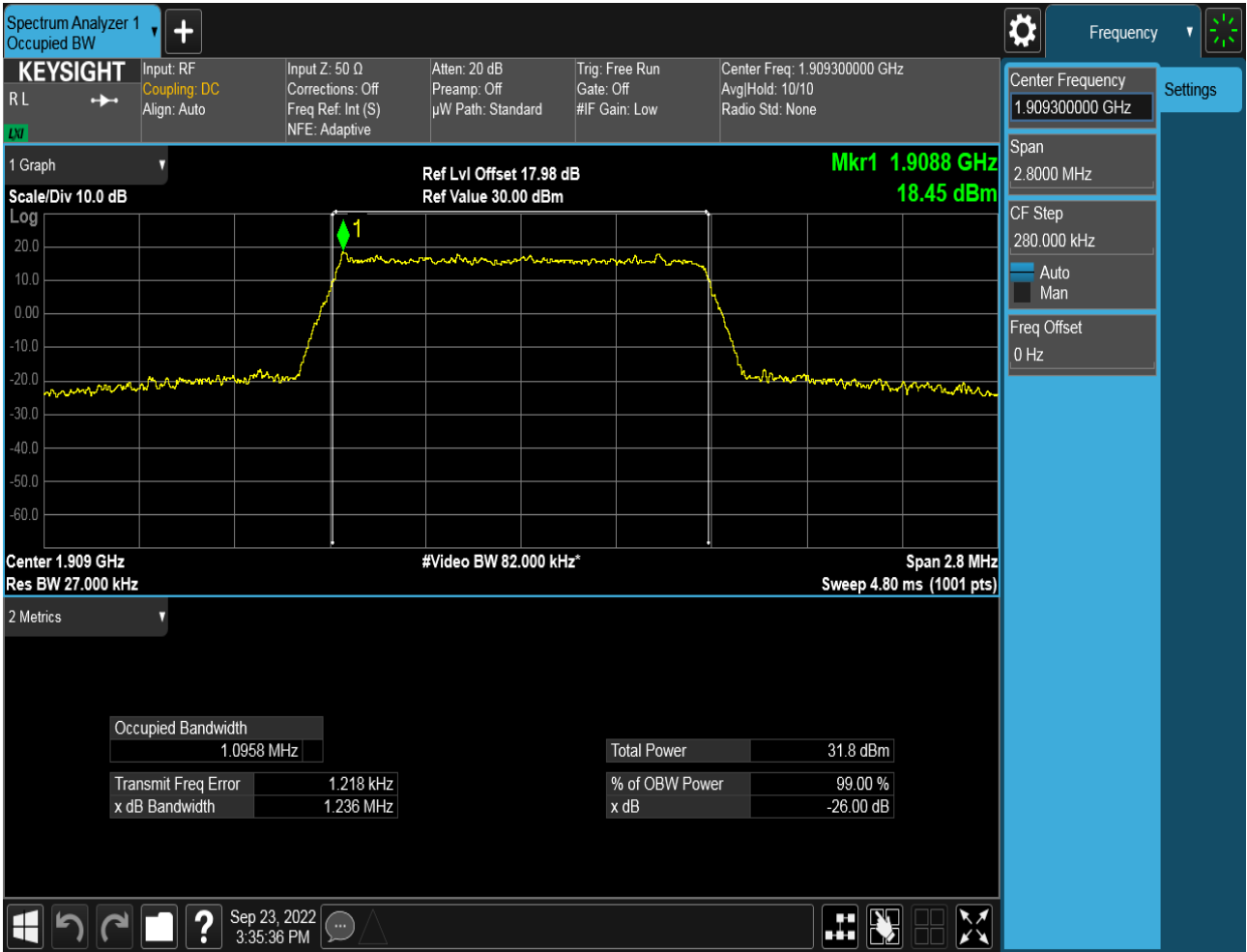
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

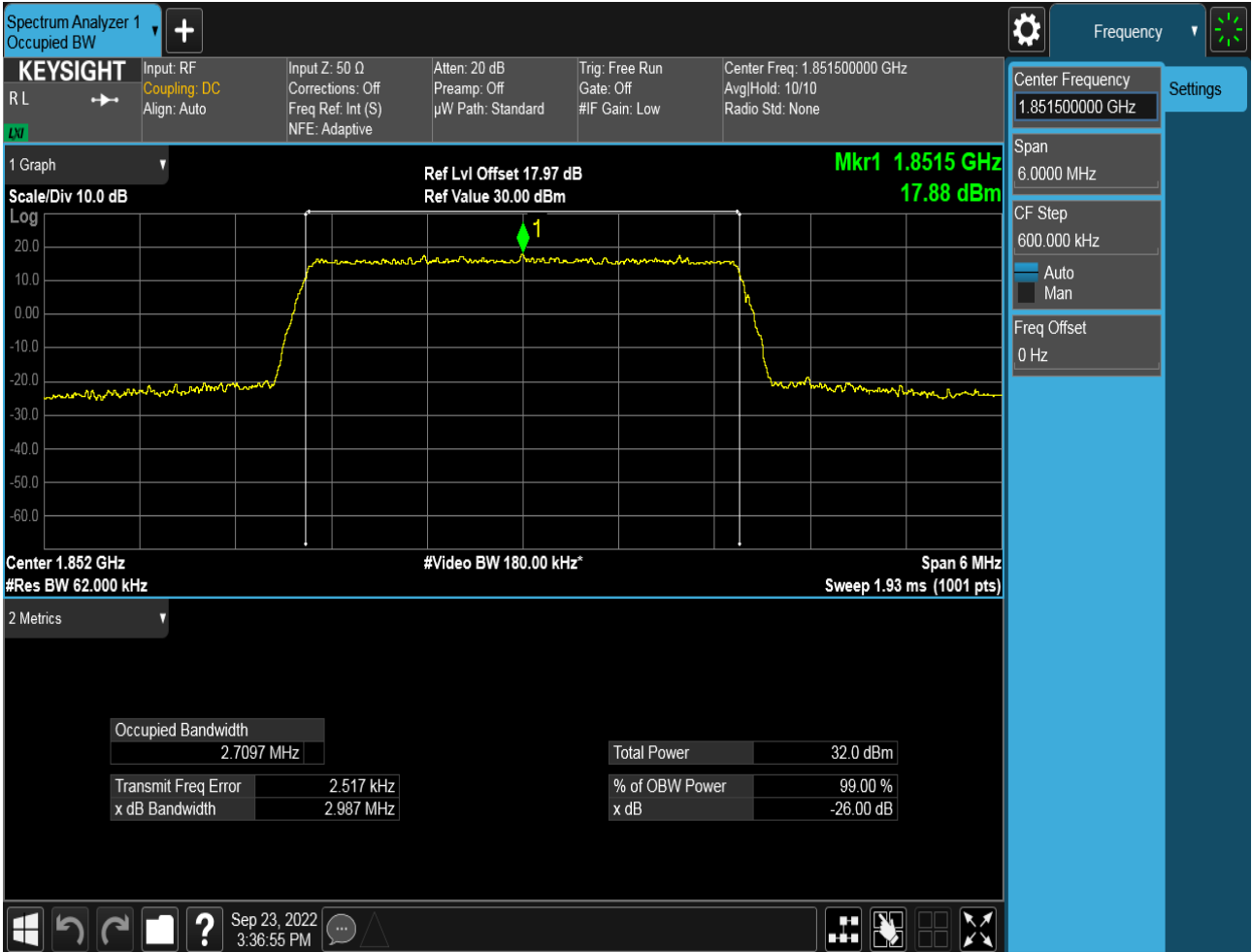




4.1.1.1.2 Test Bandwidth = 3MHz

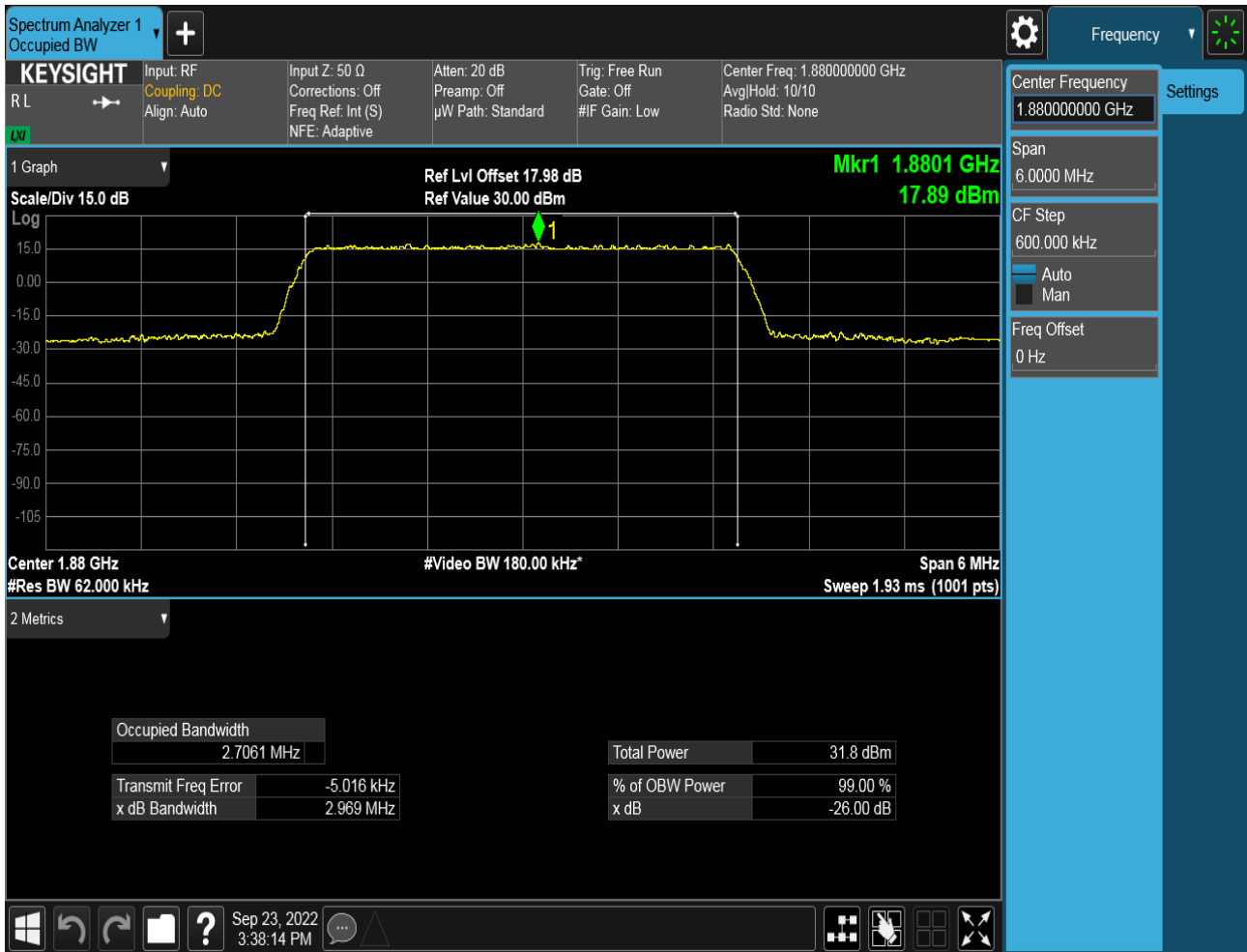
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

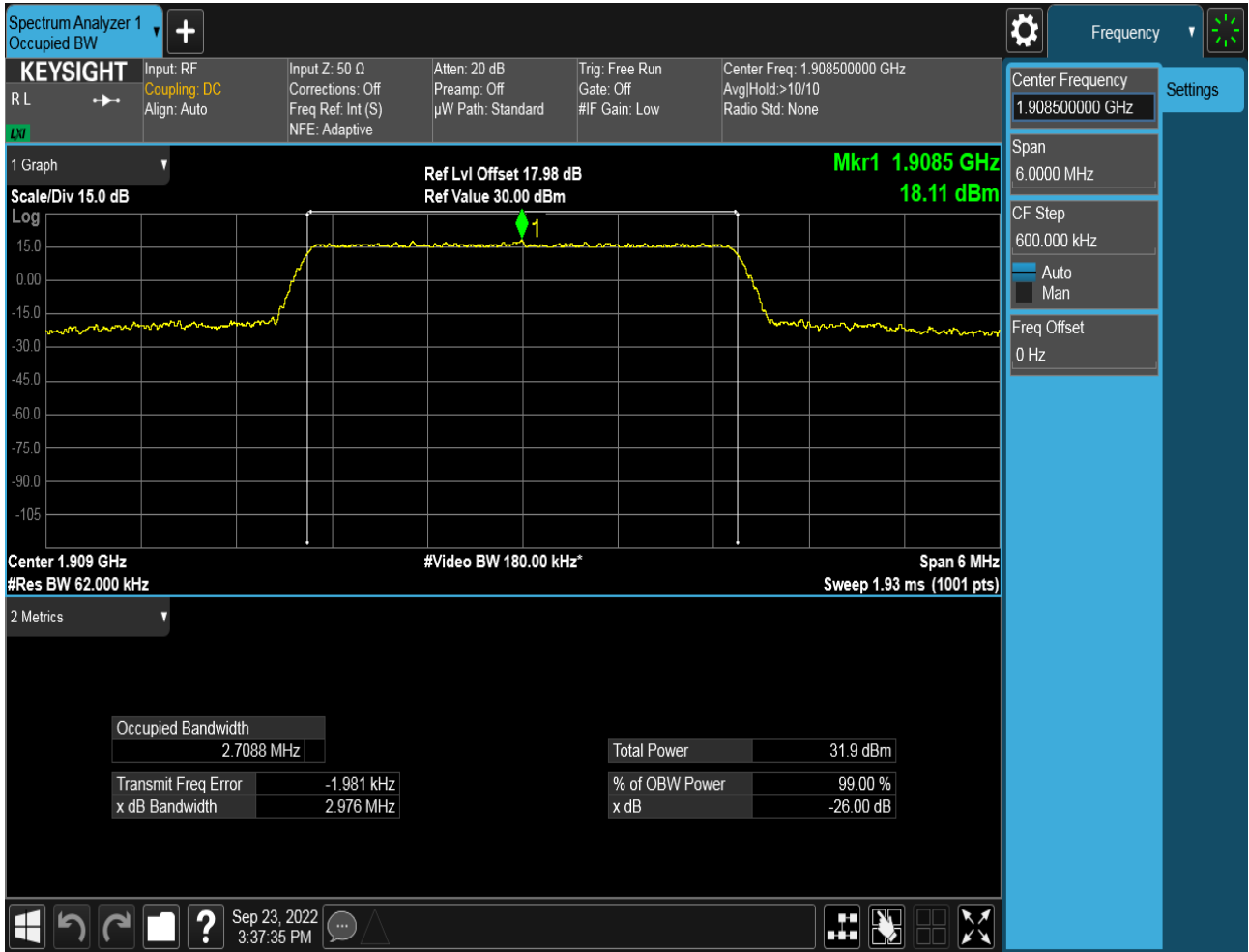
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

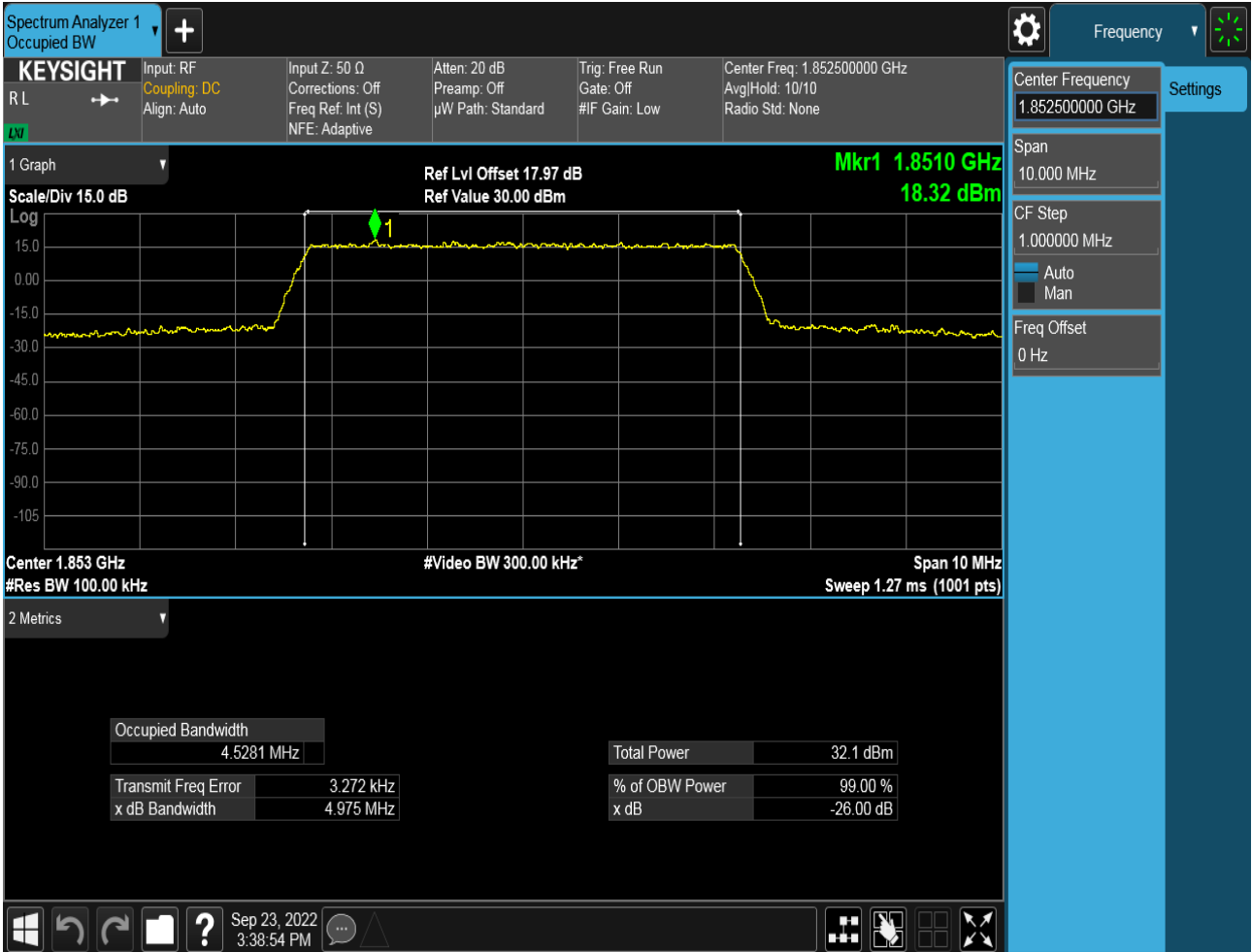




4.1.1.1.3 Test Bandwidth = 5MHz

4.1.1.1.3.1 Test Channel = LCH

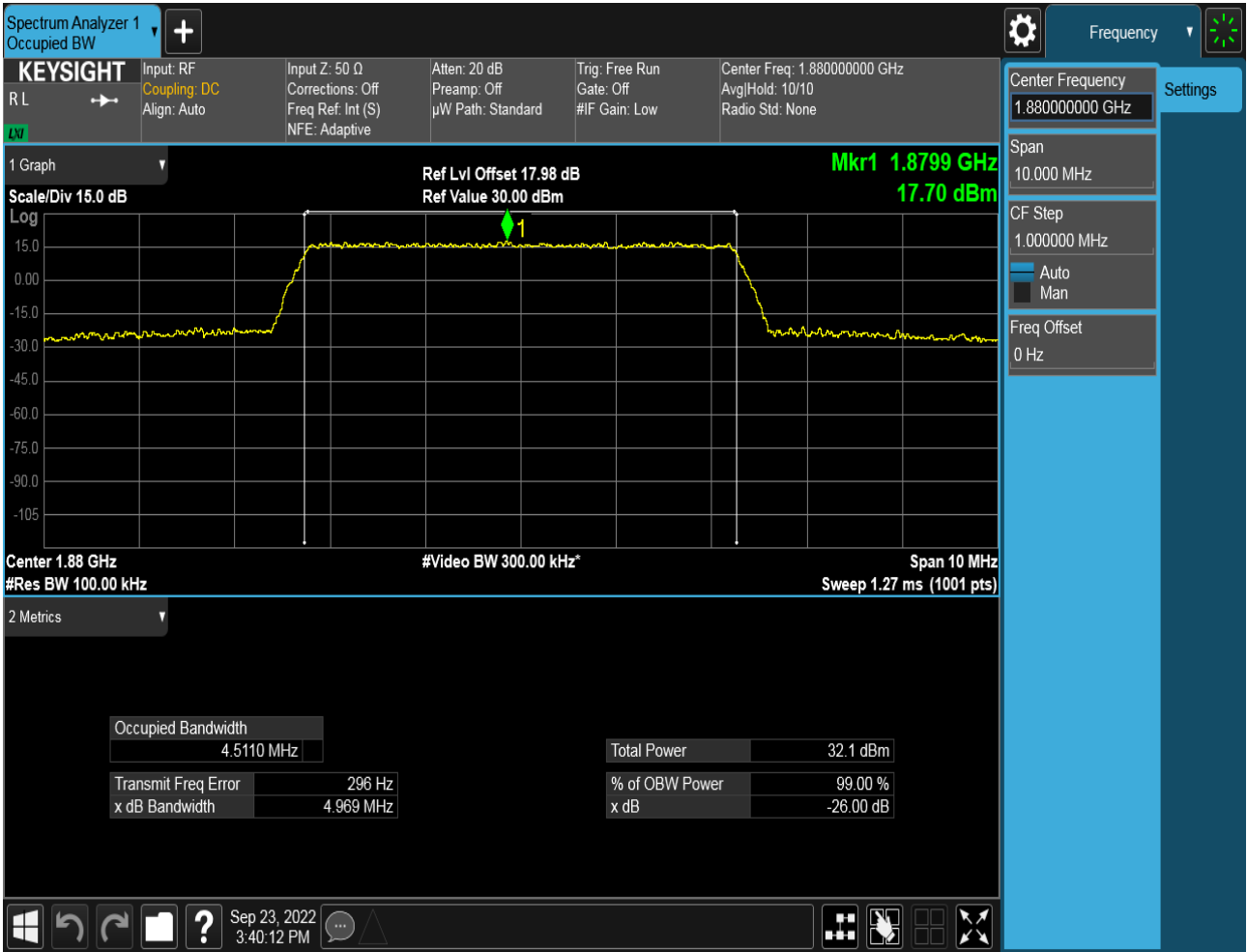
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

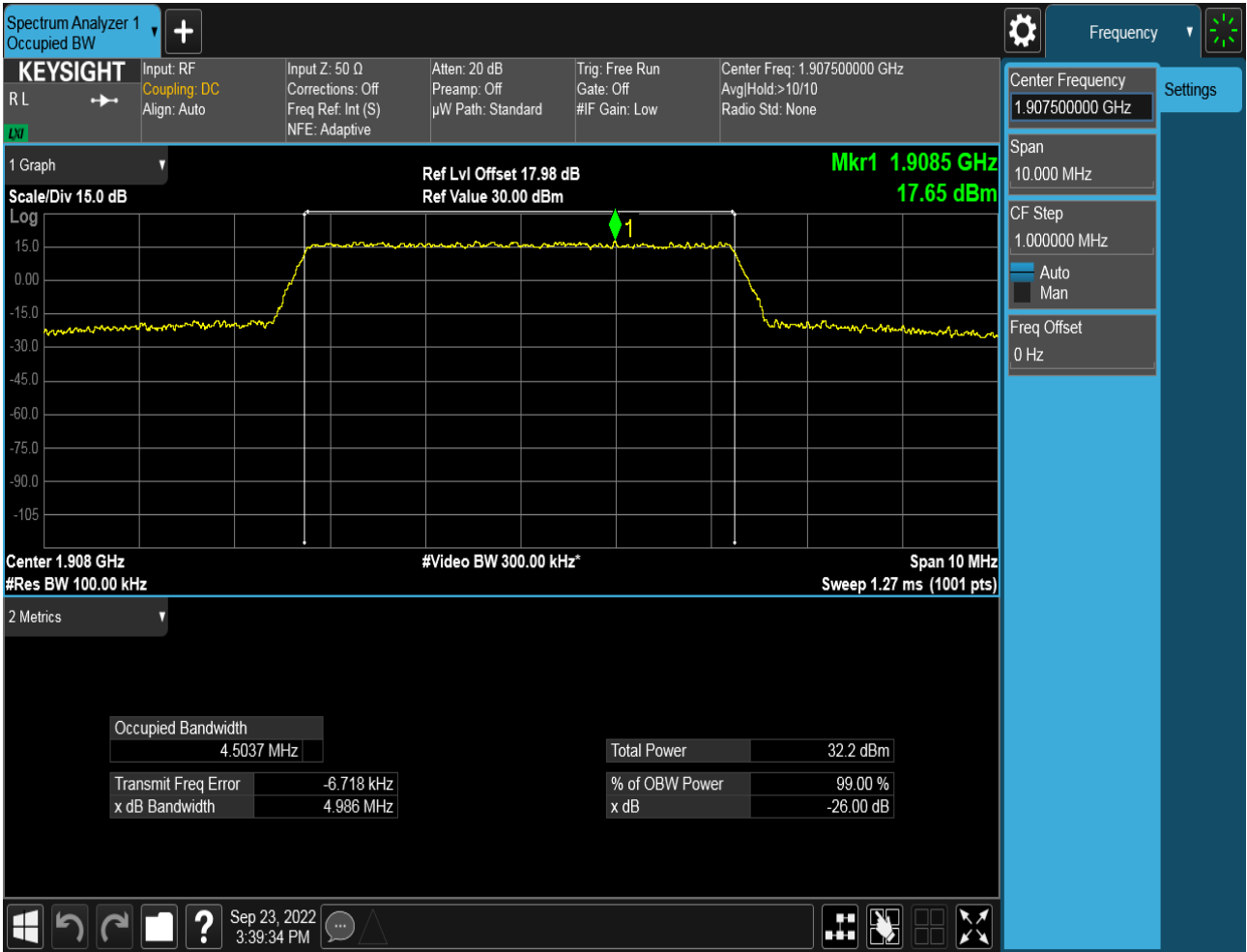
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

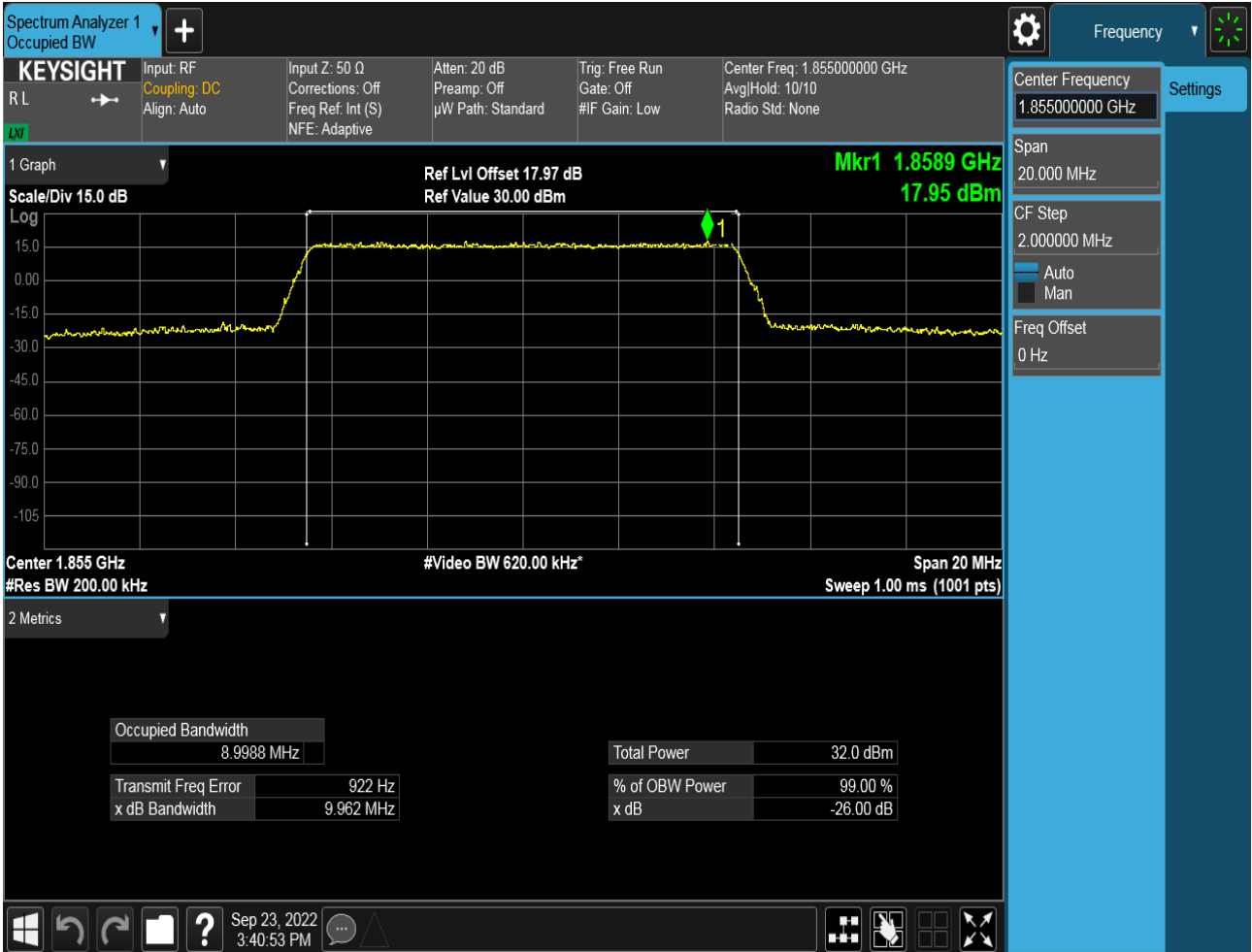




4.1.1.1.4 Test Bandwidth = 10MHz

4.1.1.1.4.1 Test Channel = LCH

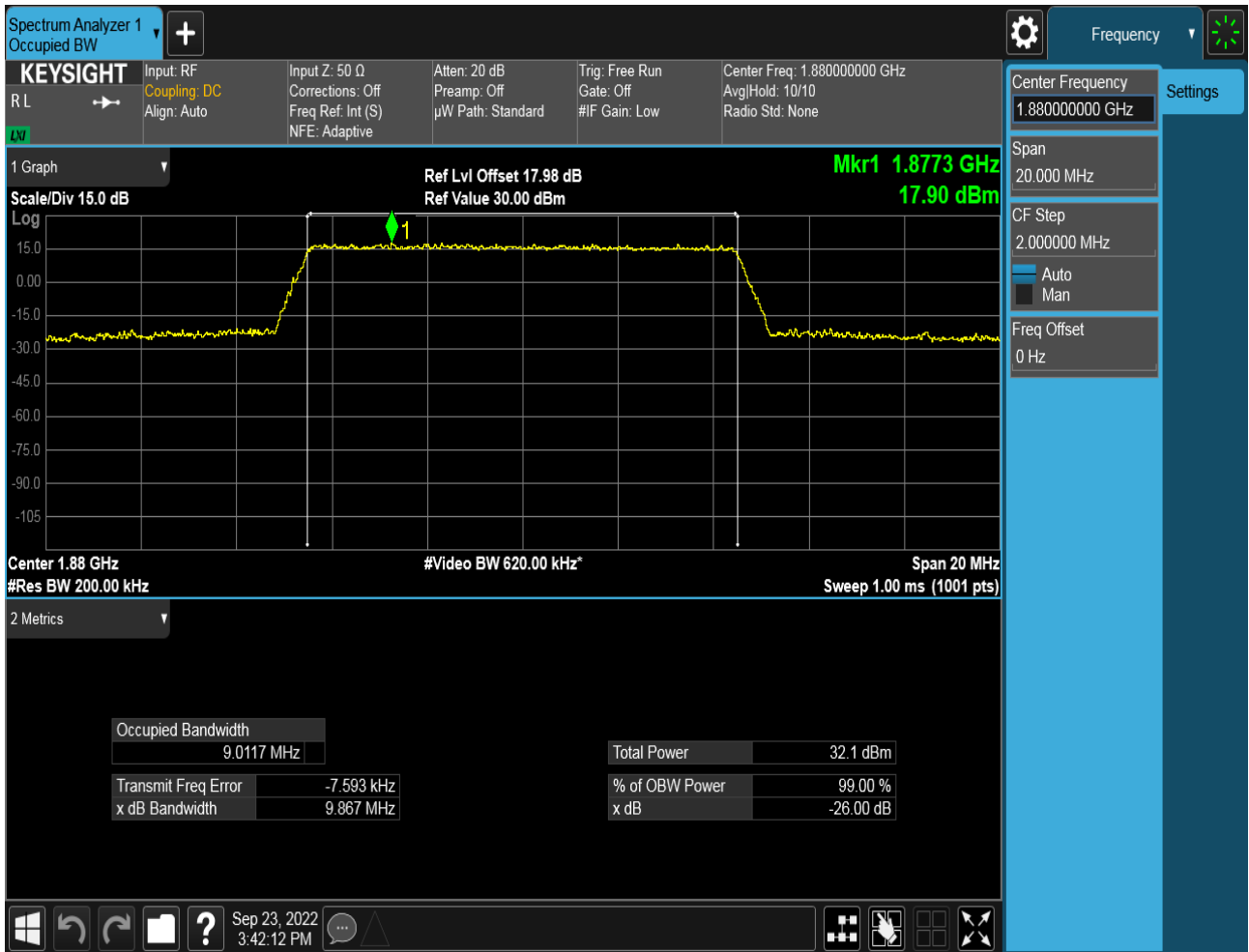
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

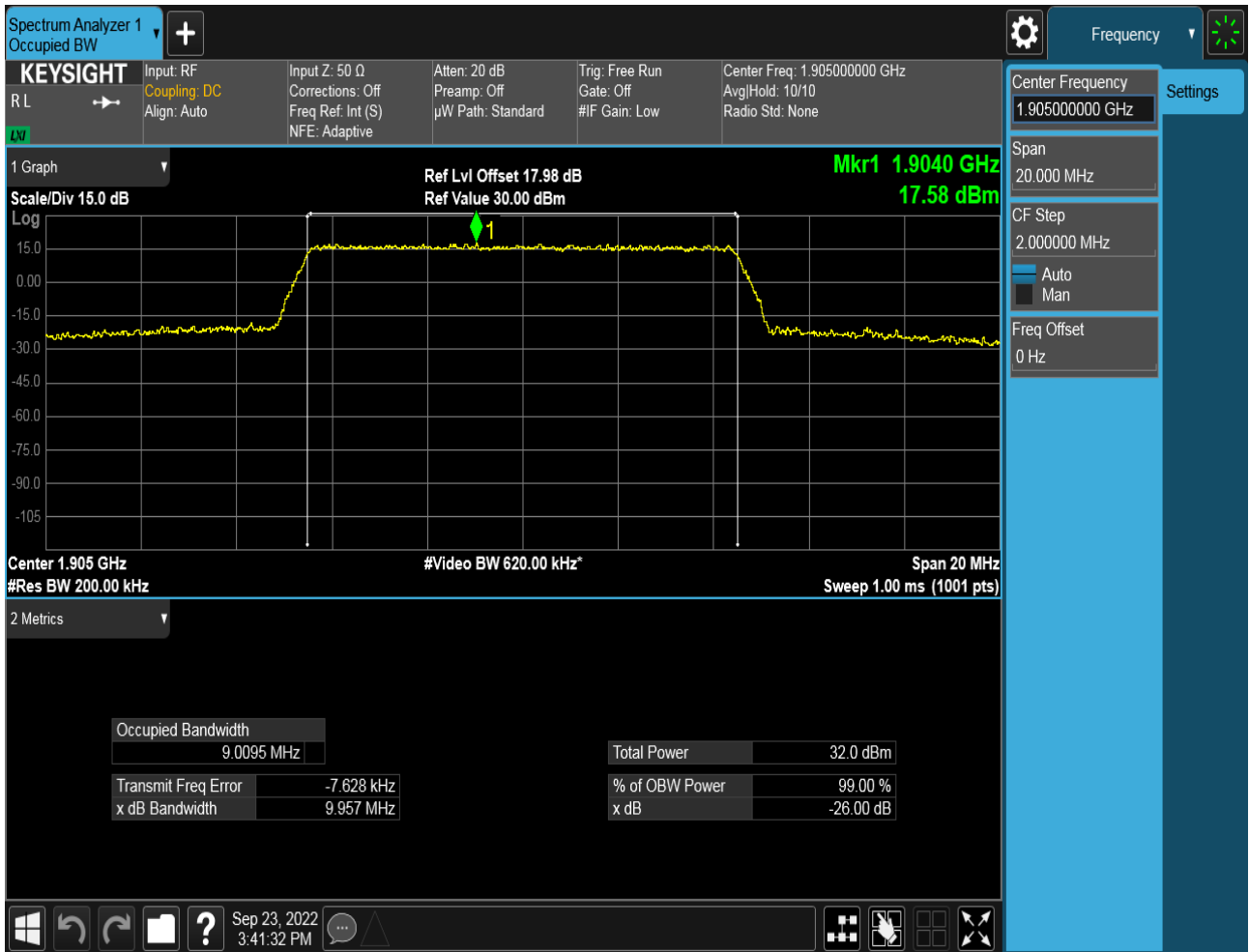
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

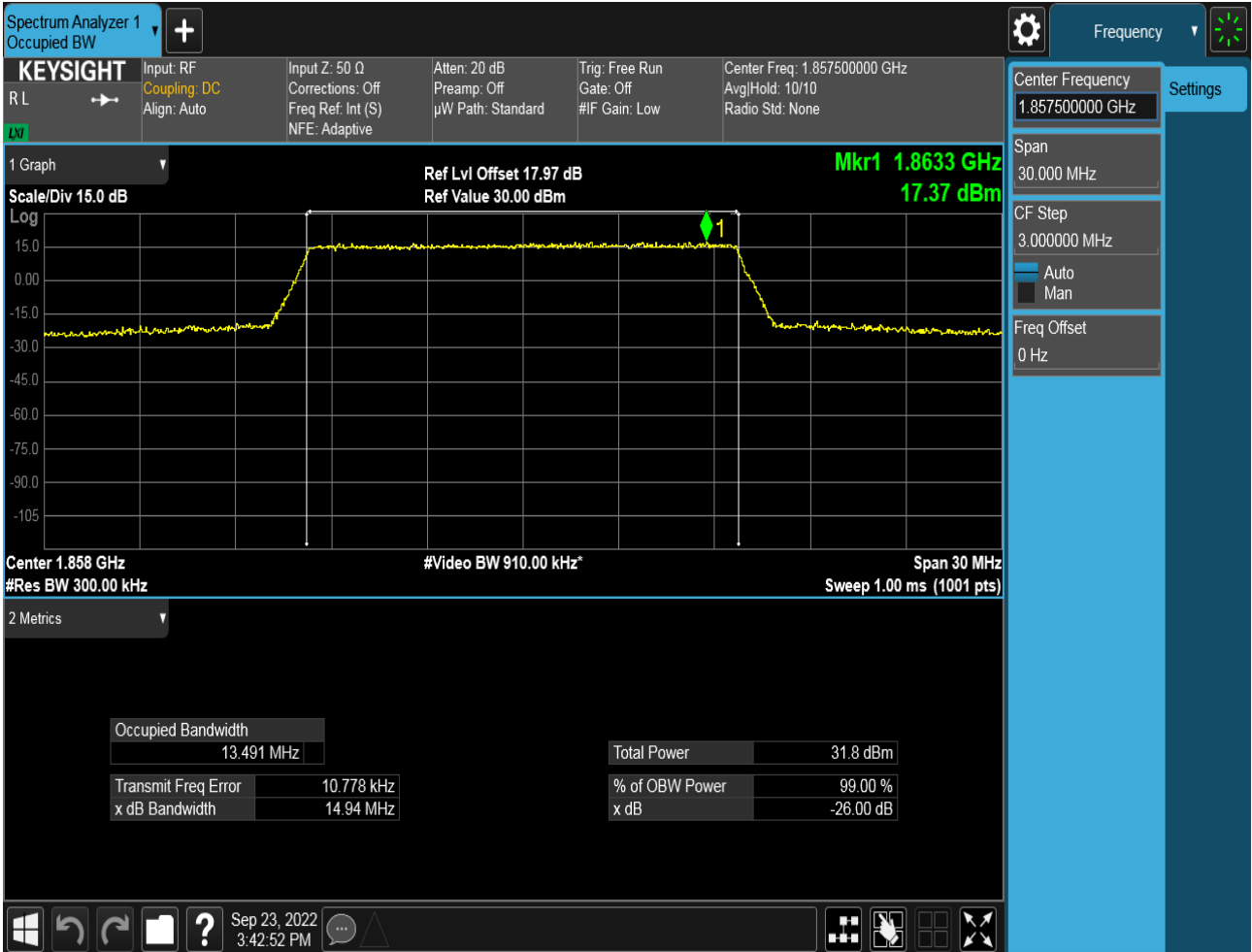




4.1.1.1.5 Test Bandwidth = 15MHz

4.1.1.1.5.1 Test Channel = LCH

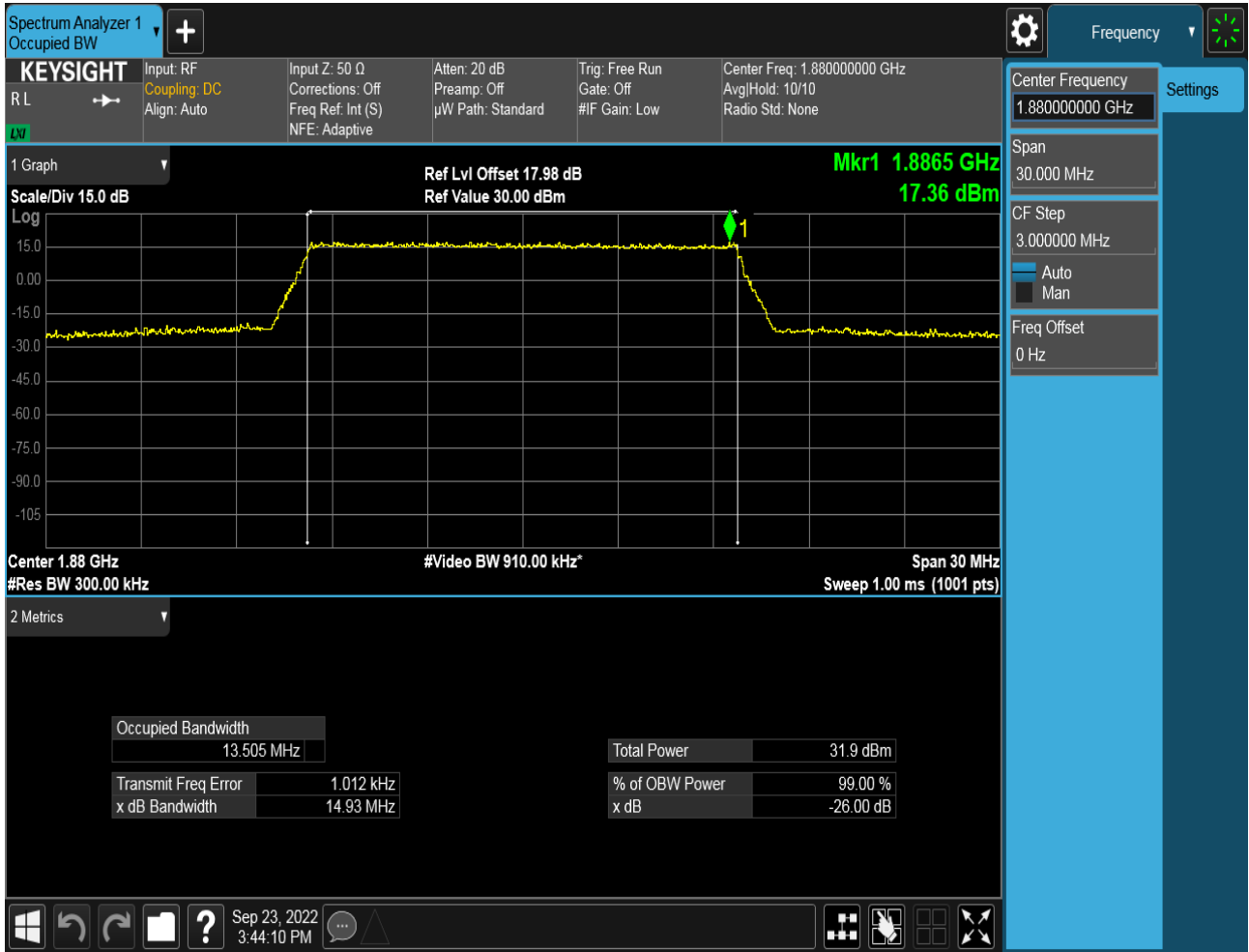
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

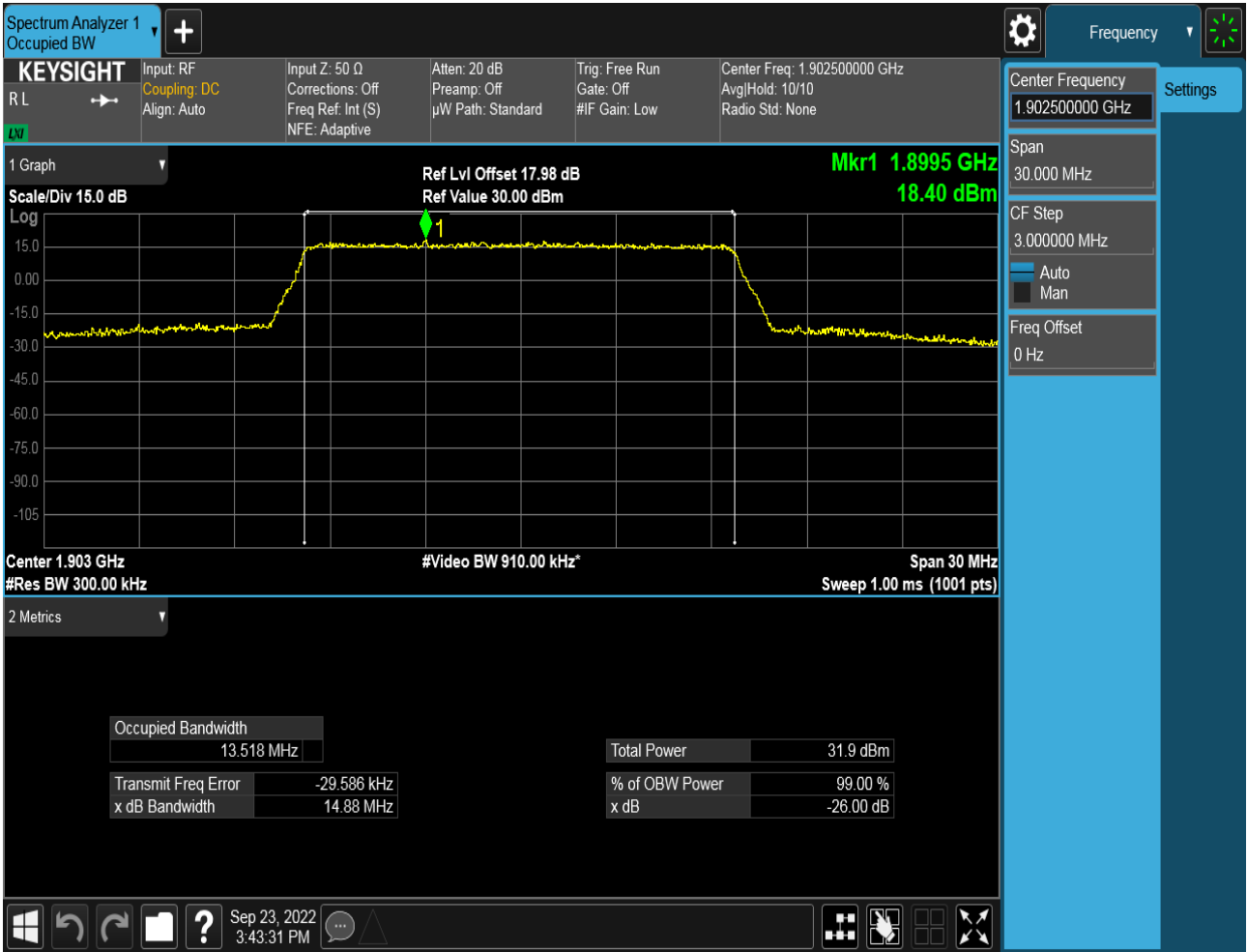
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

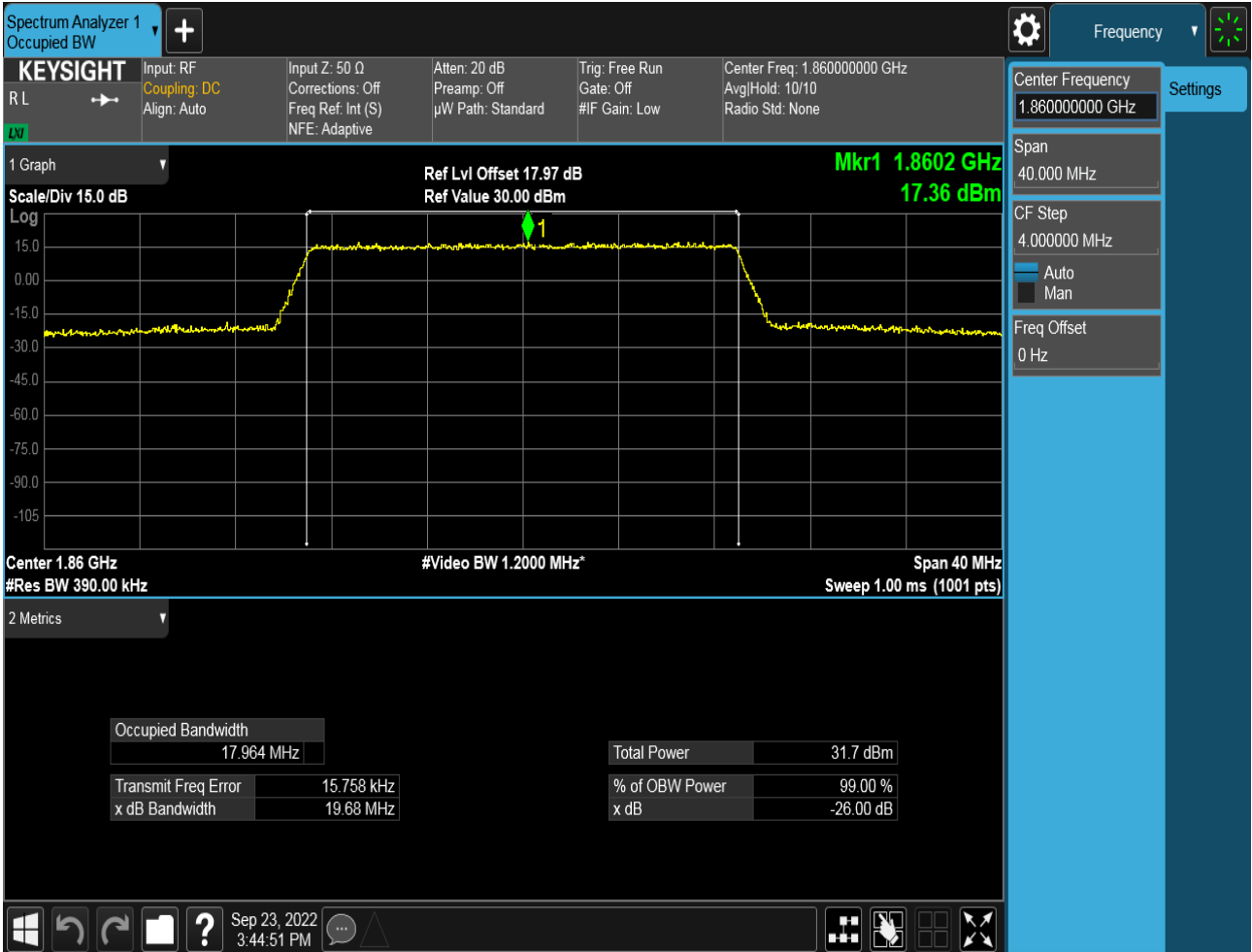




4.1.1.1.6 Test Bandwidth = 20MHz

4.1.1.1.6.1 Test Channel = LCH

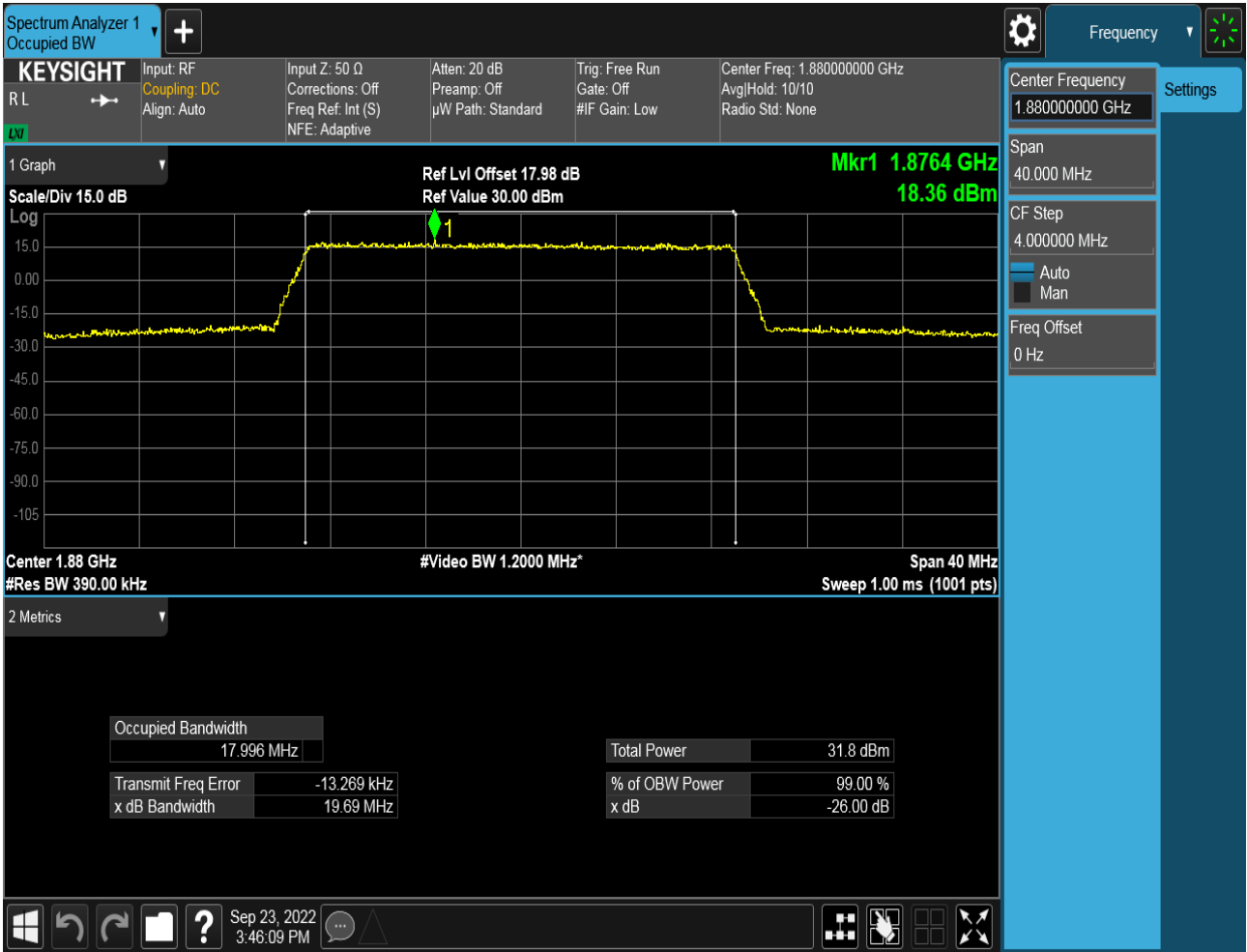
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

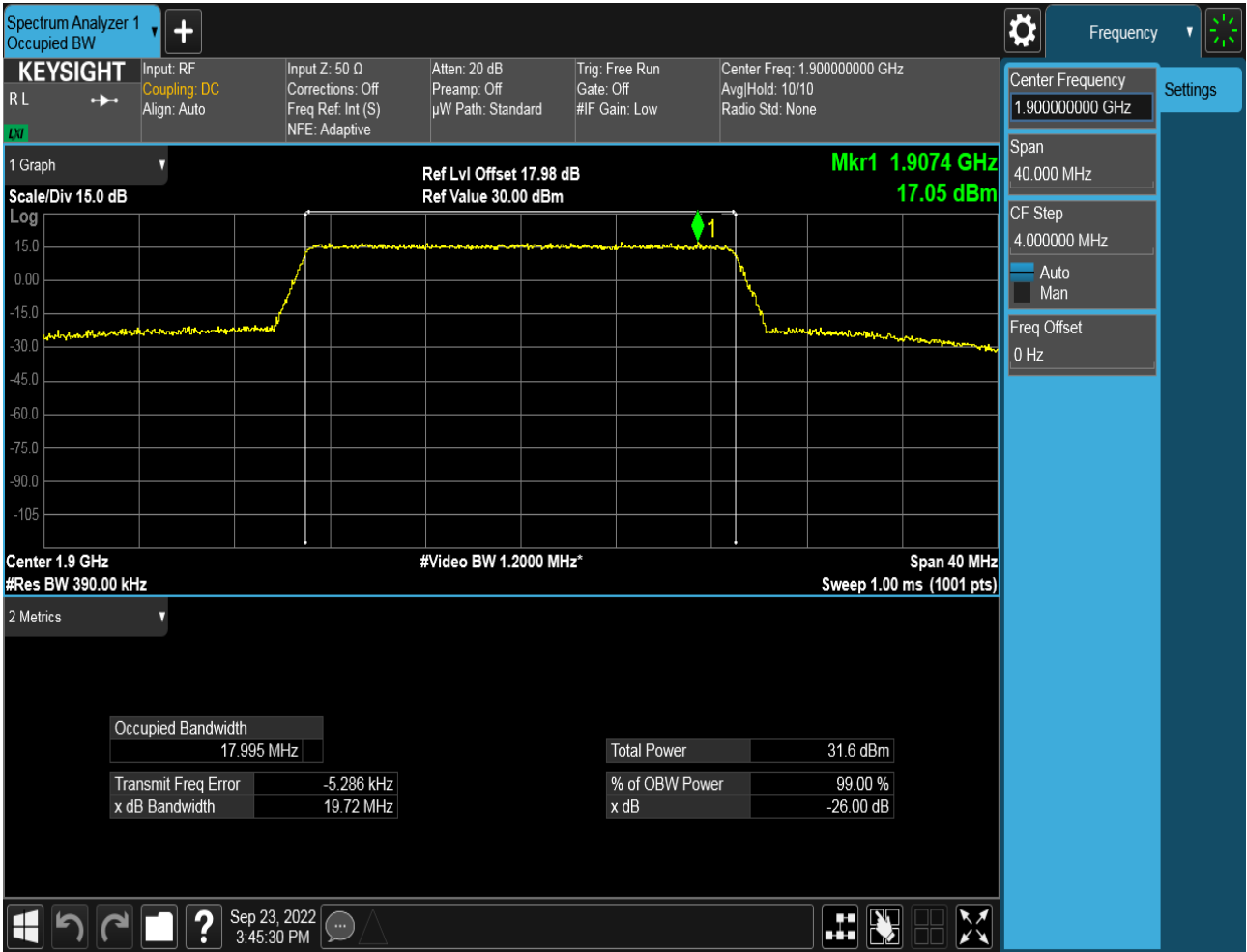
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



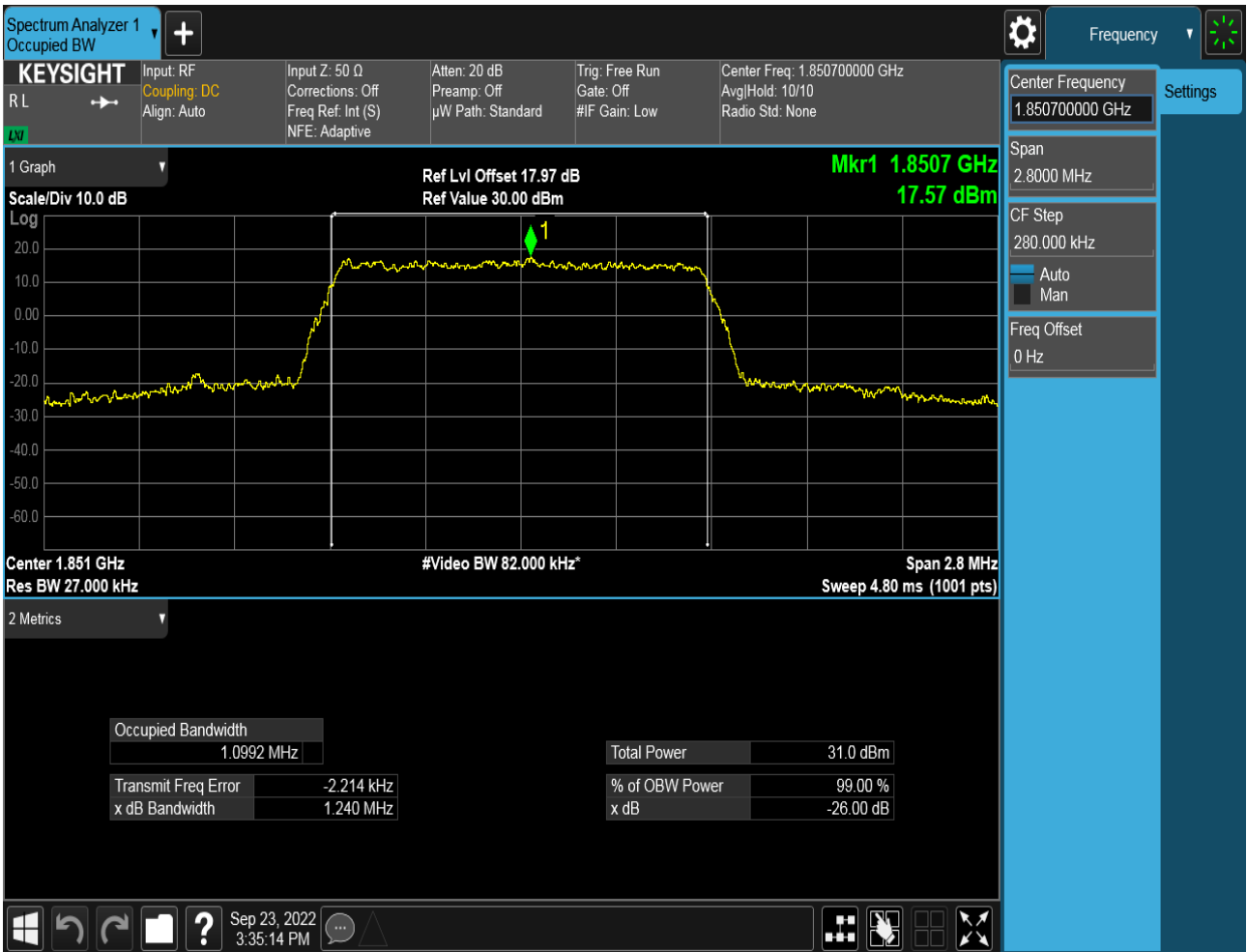


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4MHz

4.1.1.2.1.1 Test Channel = LCH

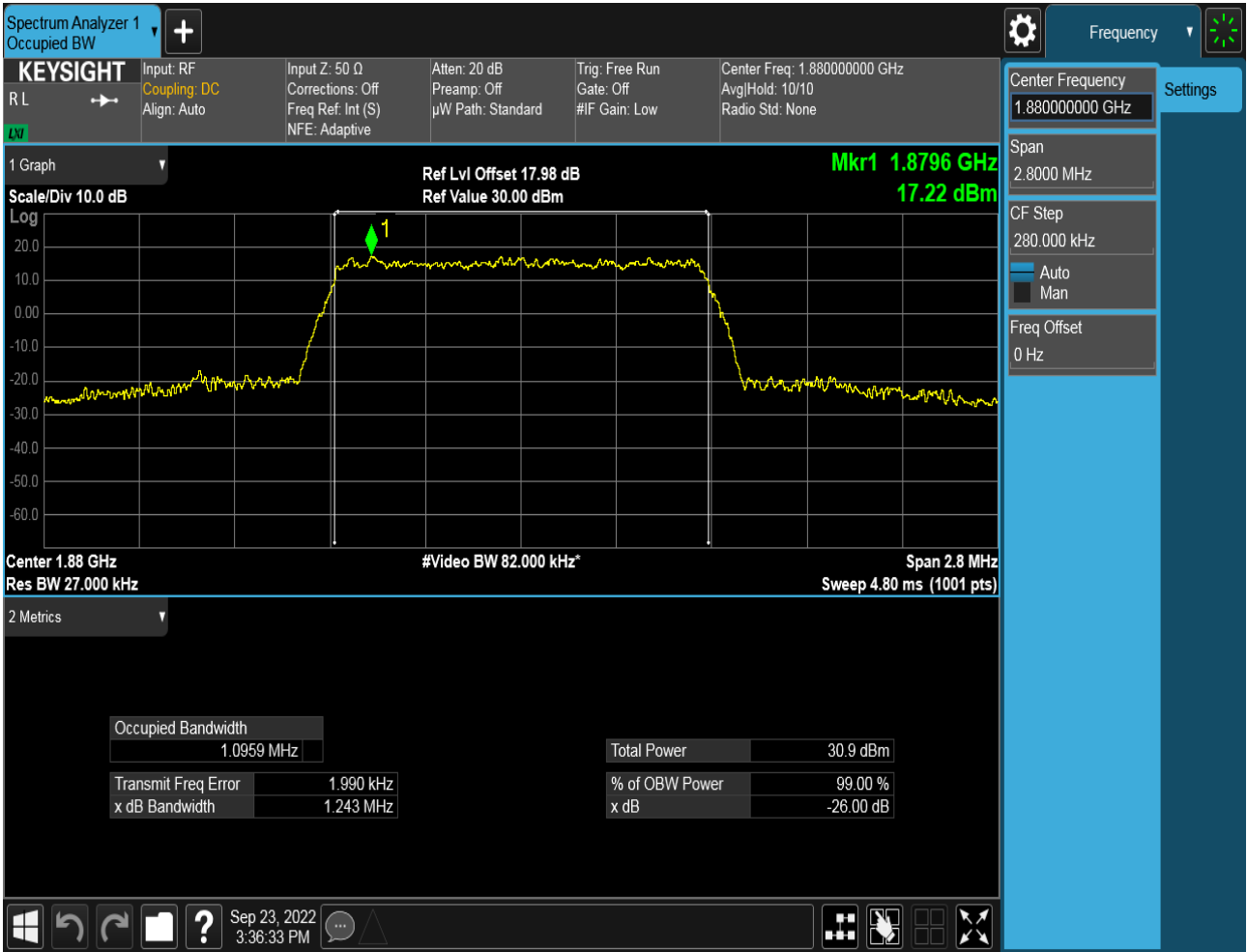
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

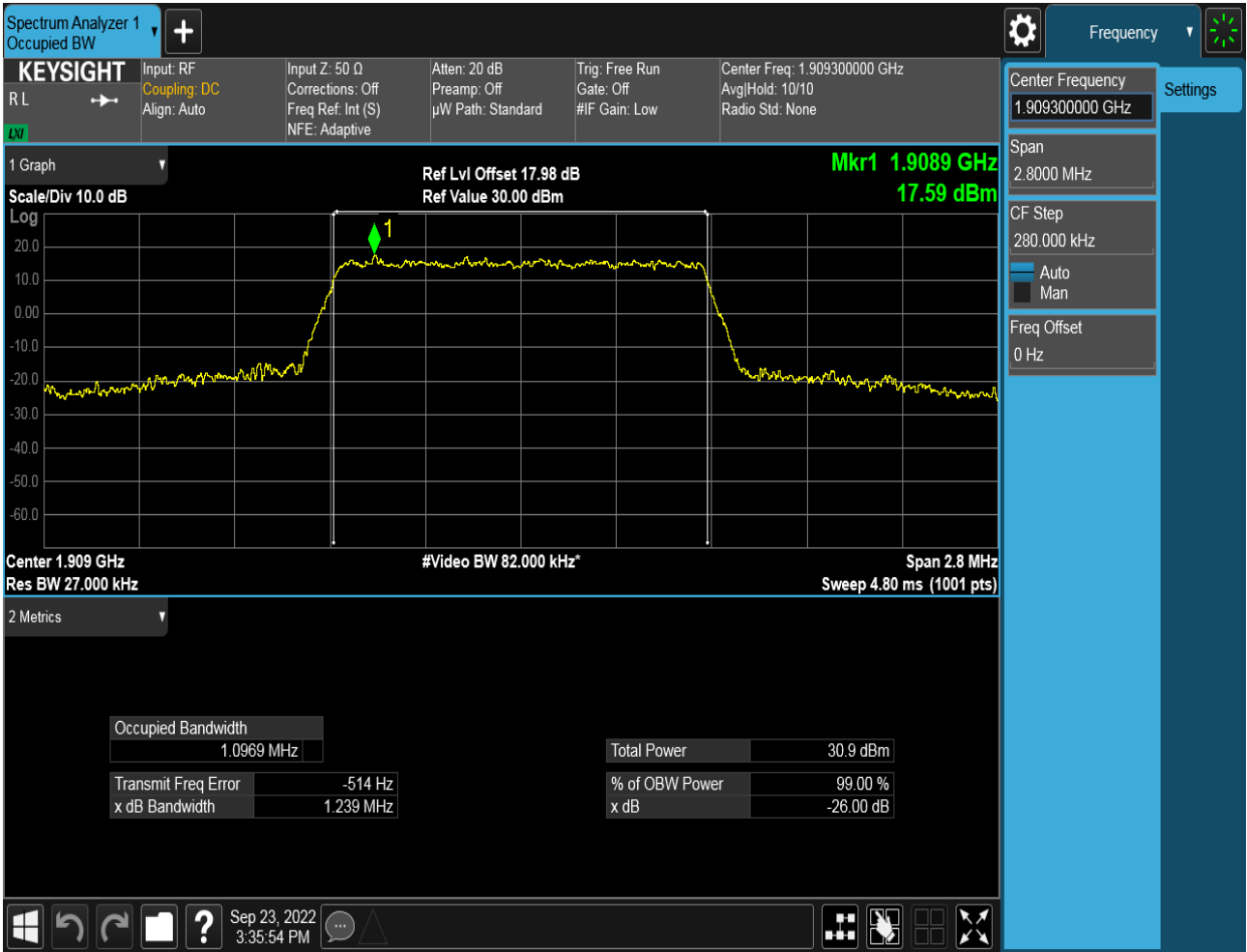
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

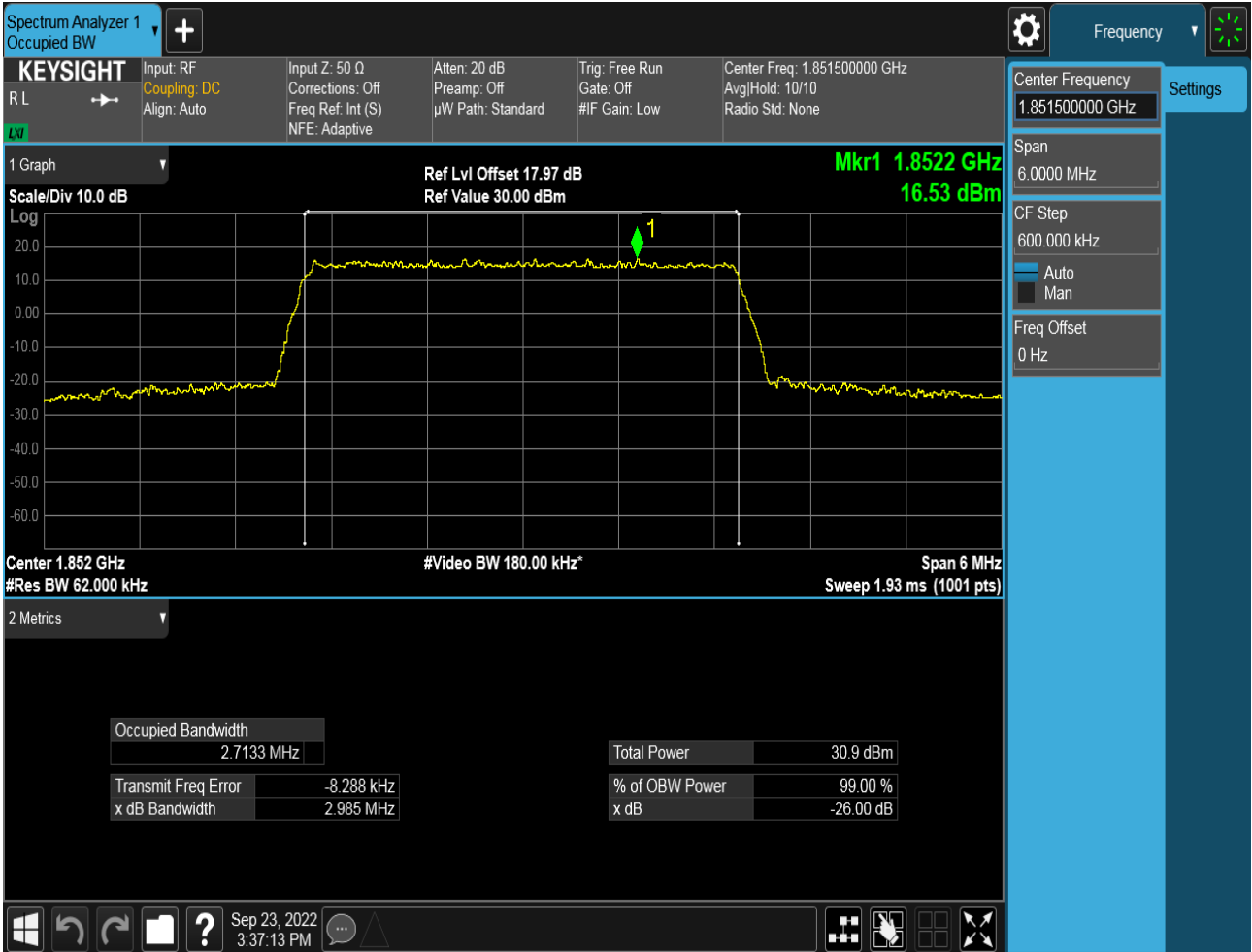




4.1.1.2.2 Test Bandwidth = 3MHz

4.1.1.2.2.1 Test Channel = LCH

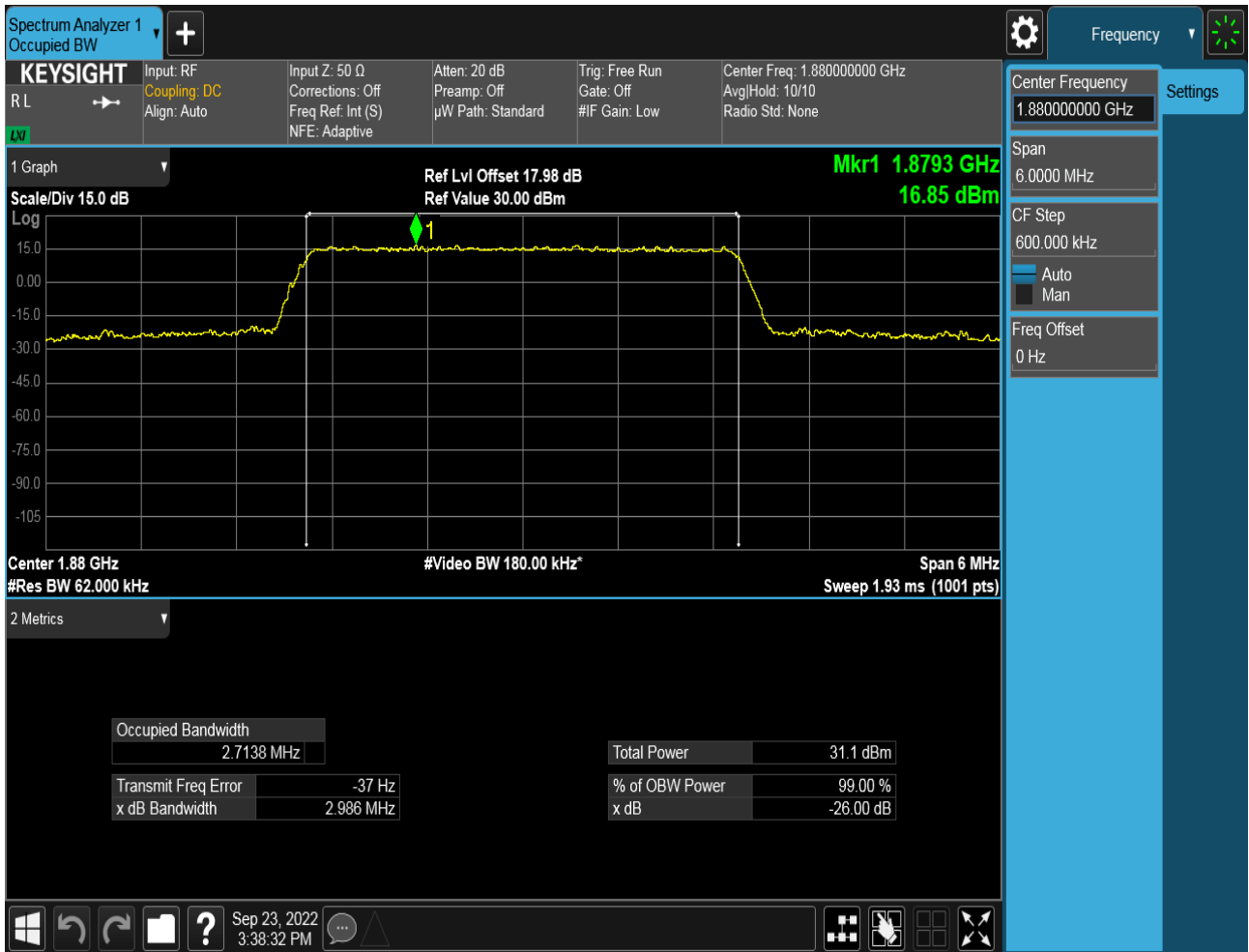
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

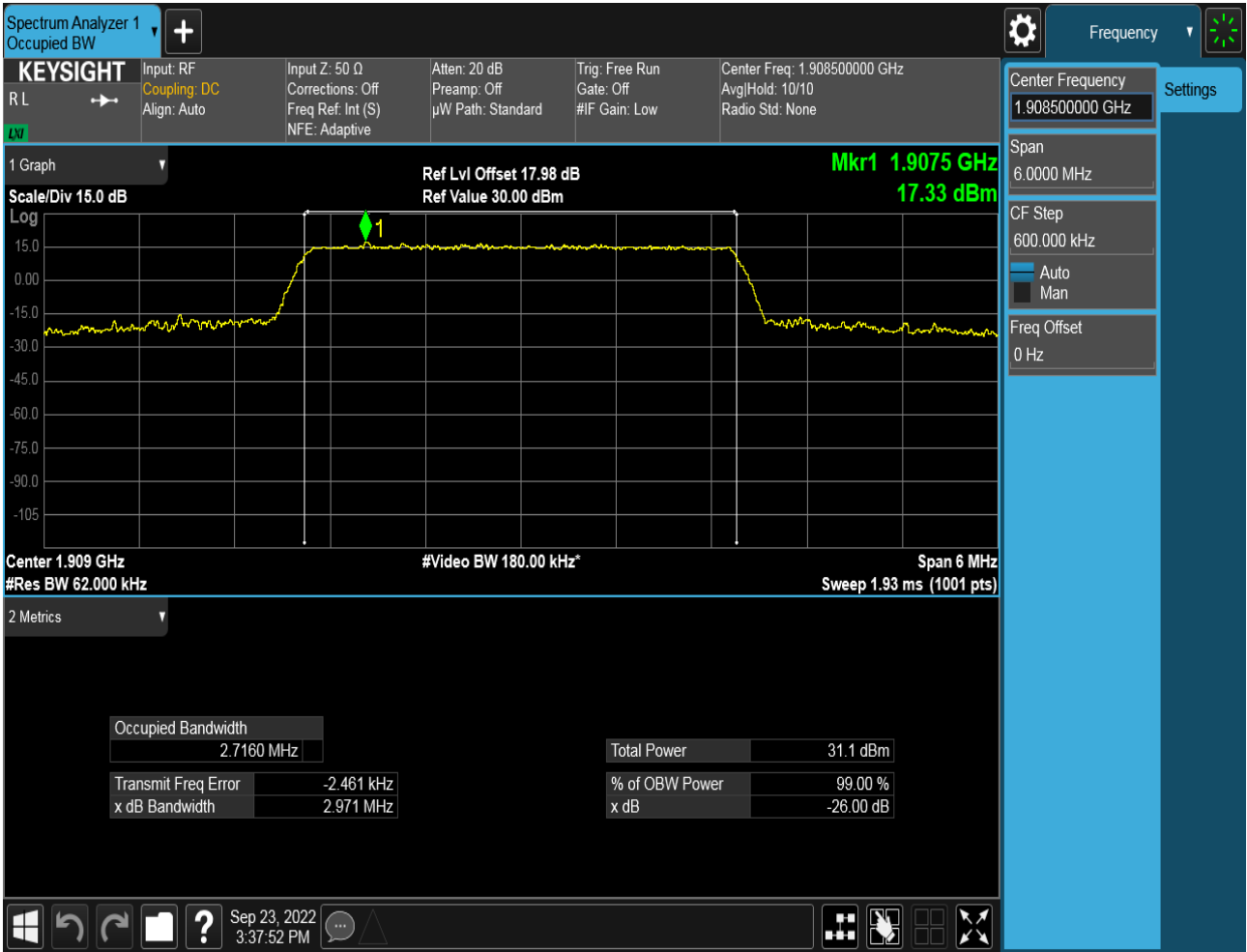
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

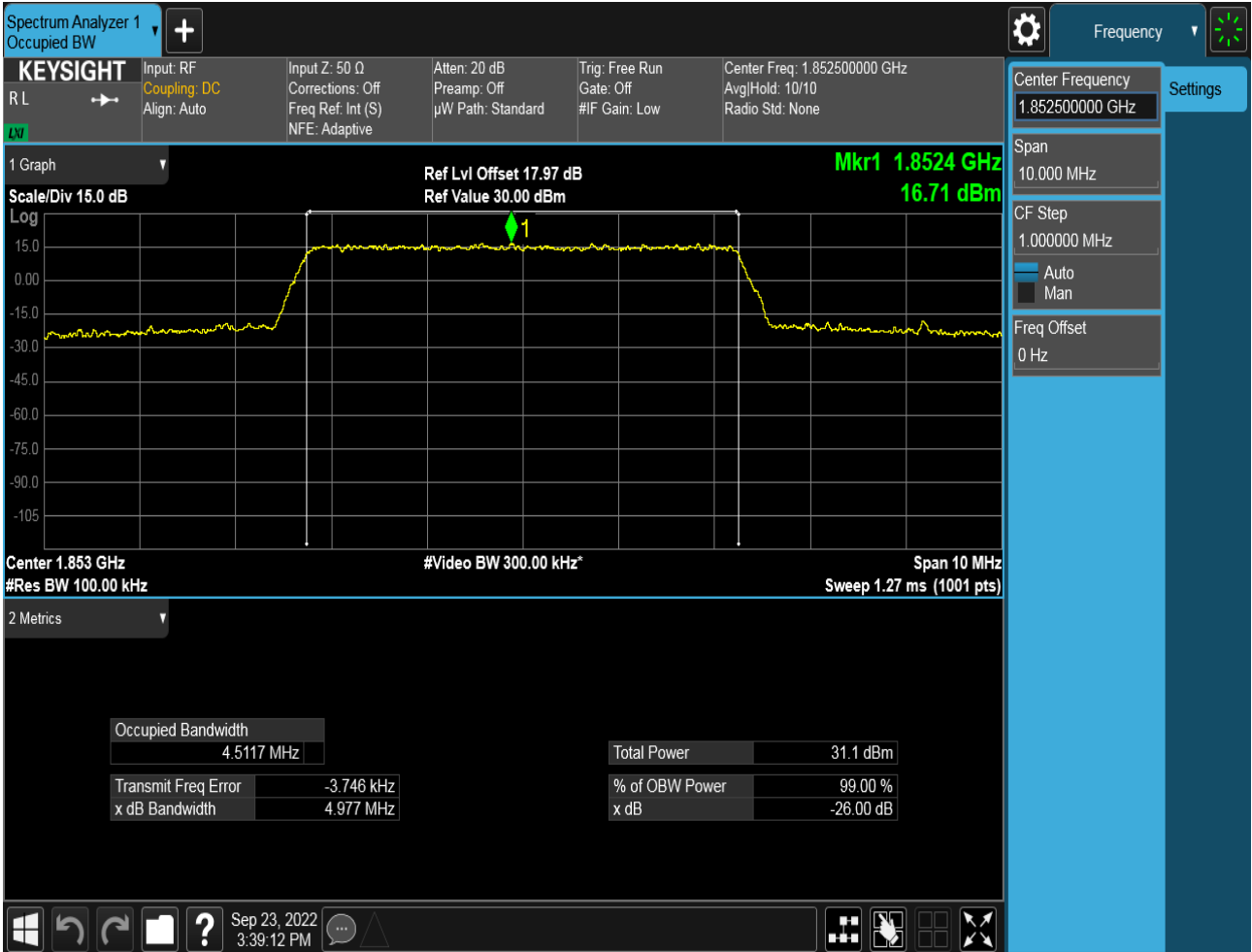




4.1.1.2.3 Test Bandwidth = 5MHz

4.1.1.2.3.1 Test Channel = LCH

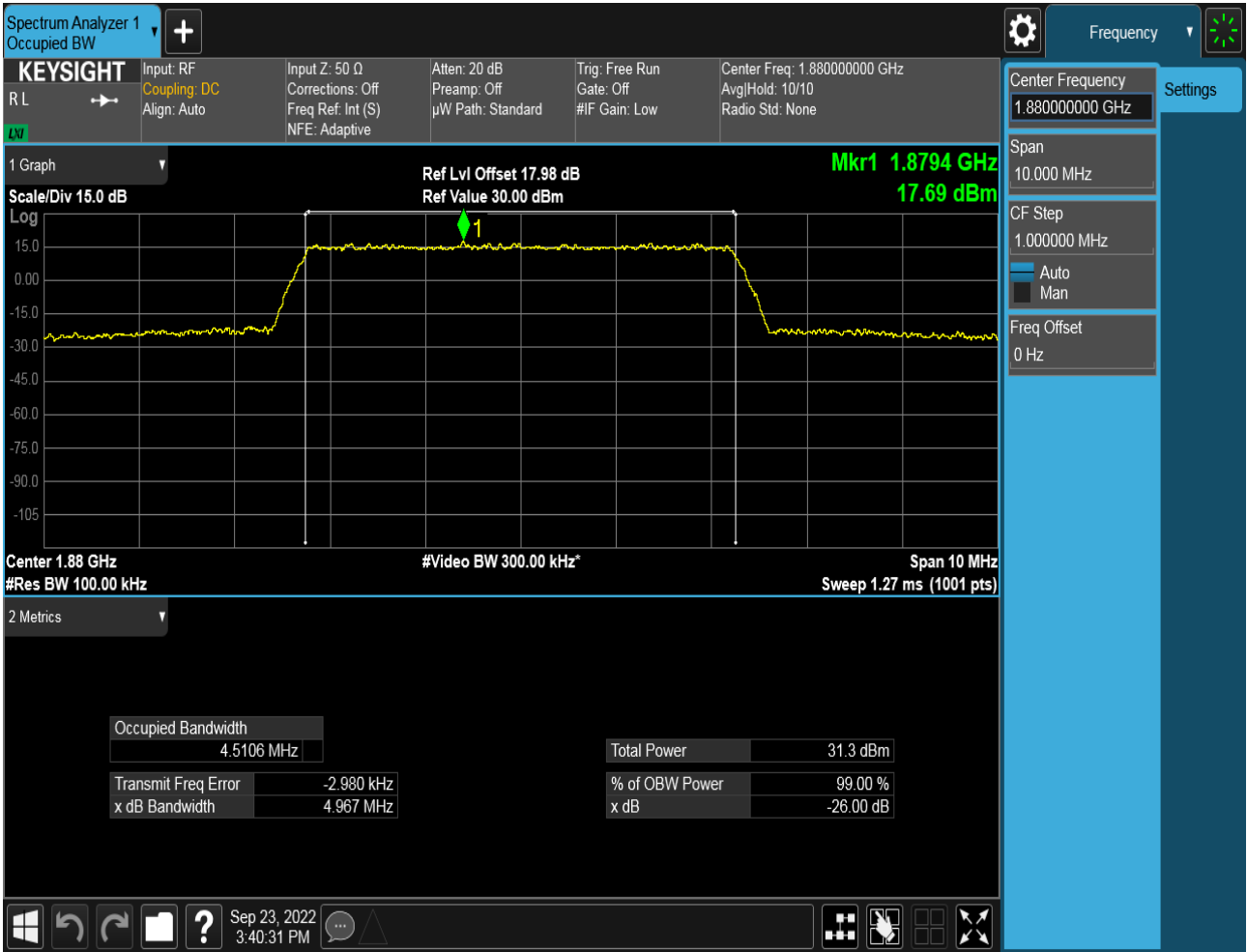
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

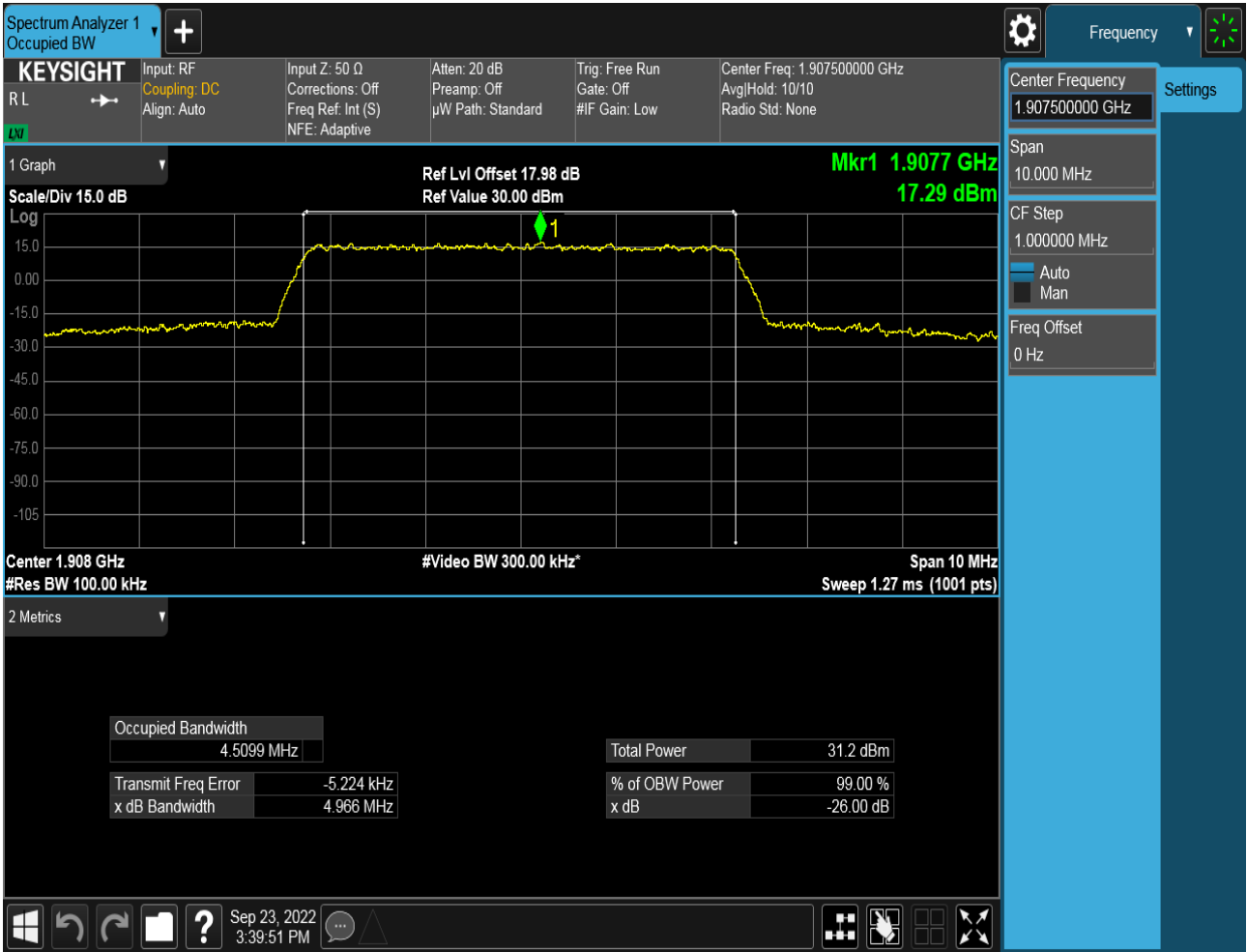
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

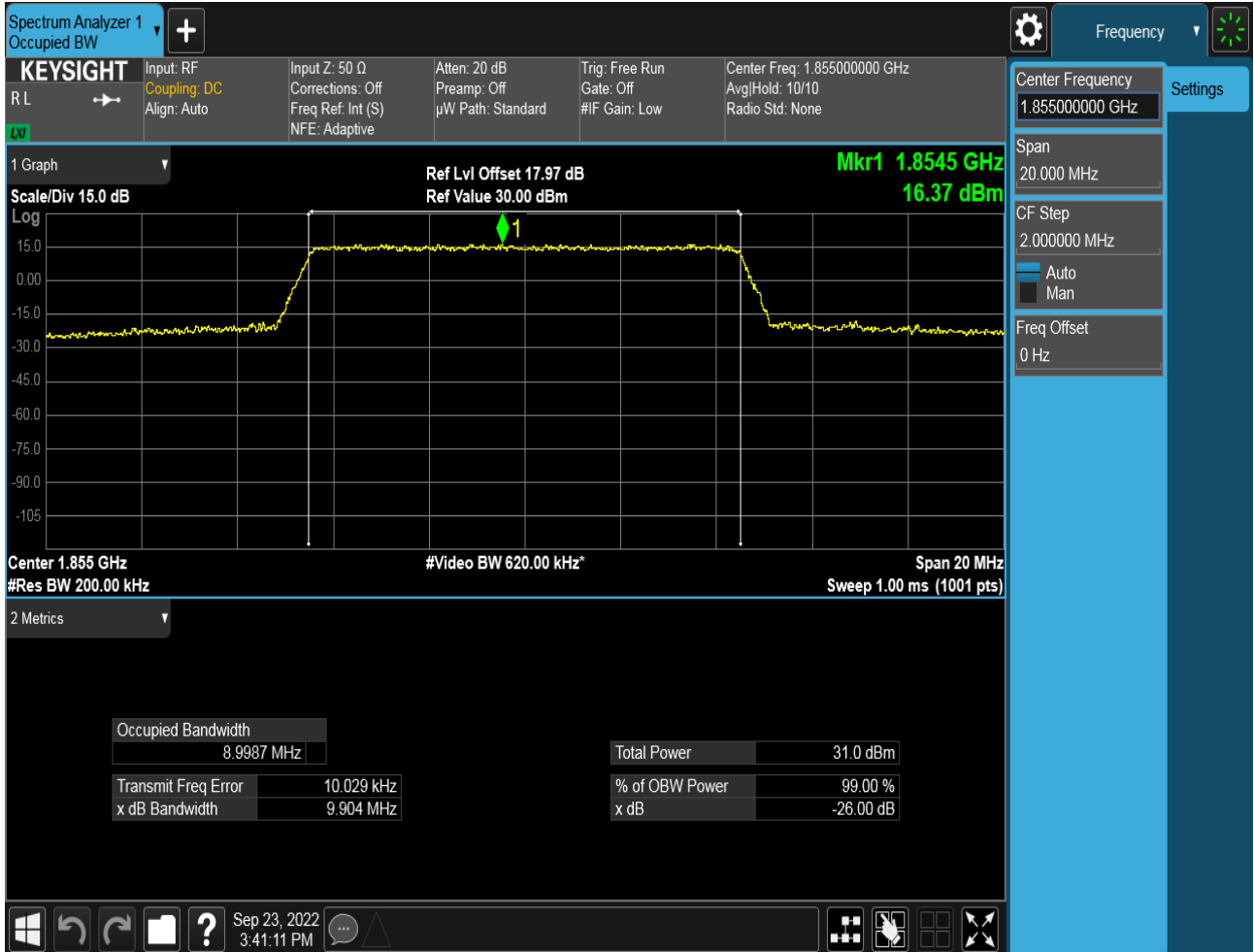




4.1.1.2.4 Test Bandwidth = 10MHz

4.1.1.2.4.1 Test Channel = LCH

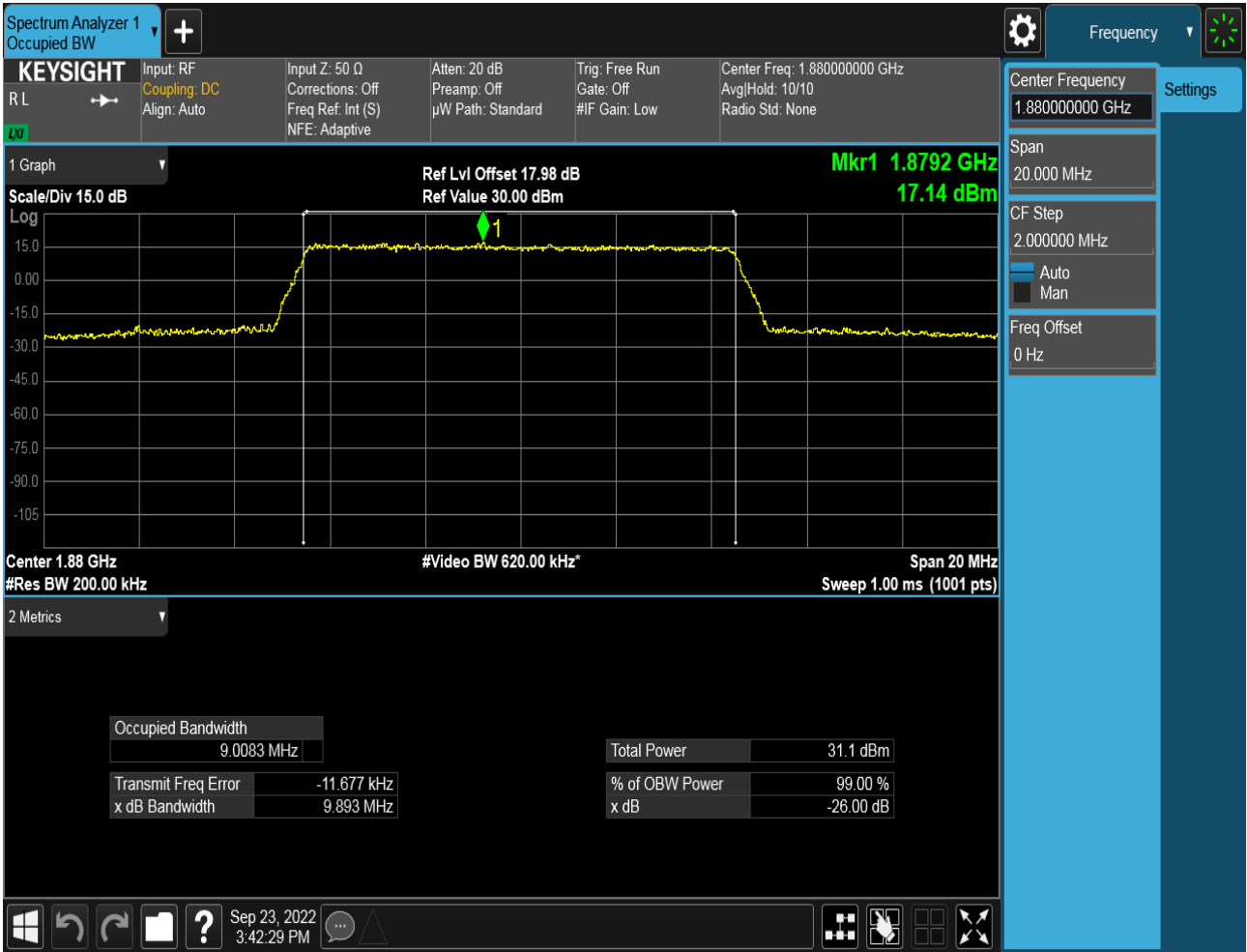
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

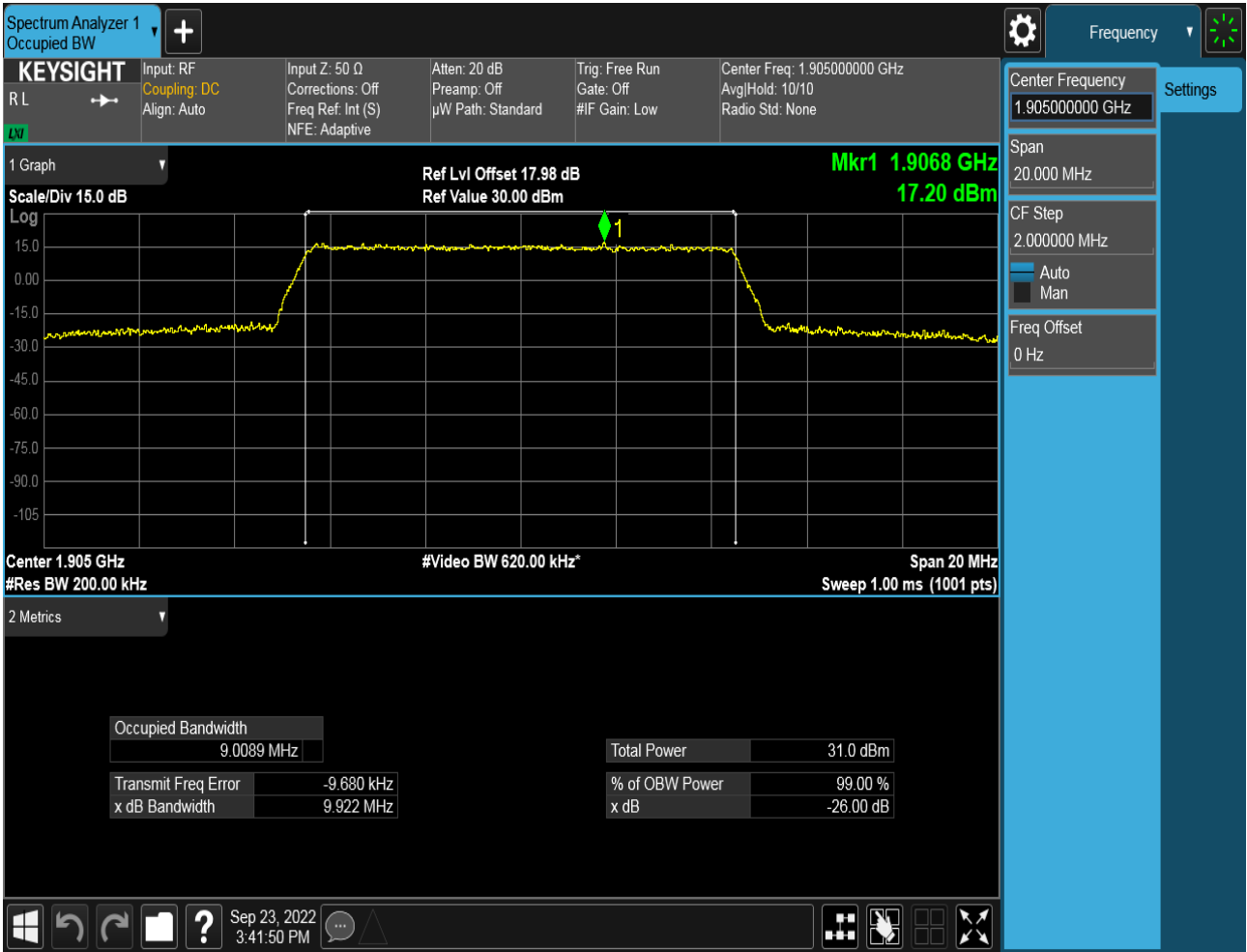
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

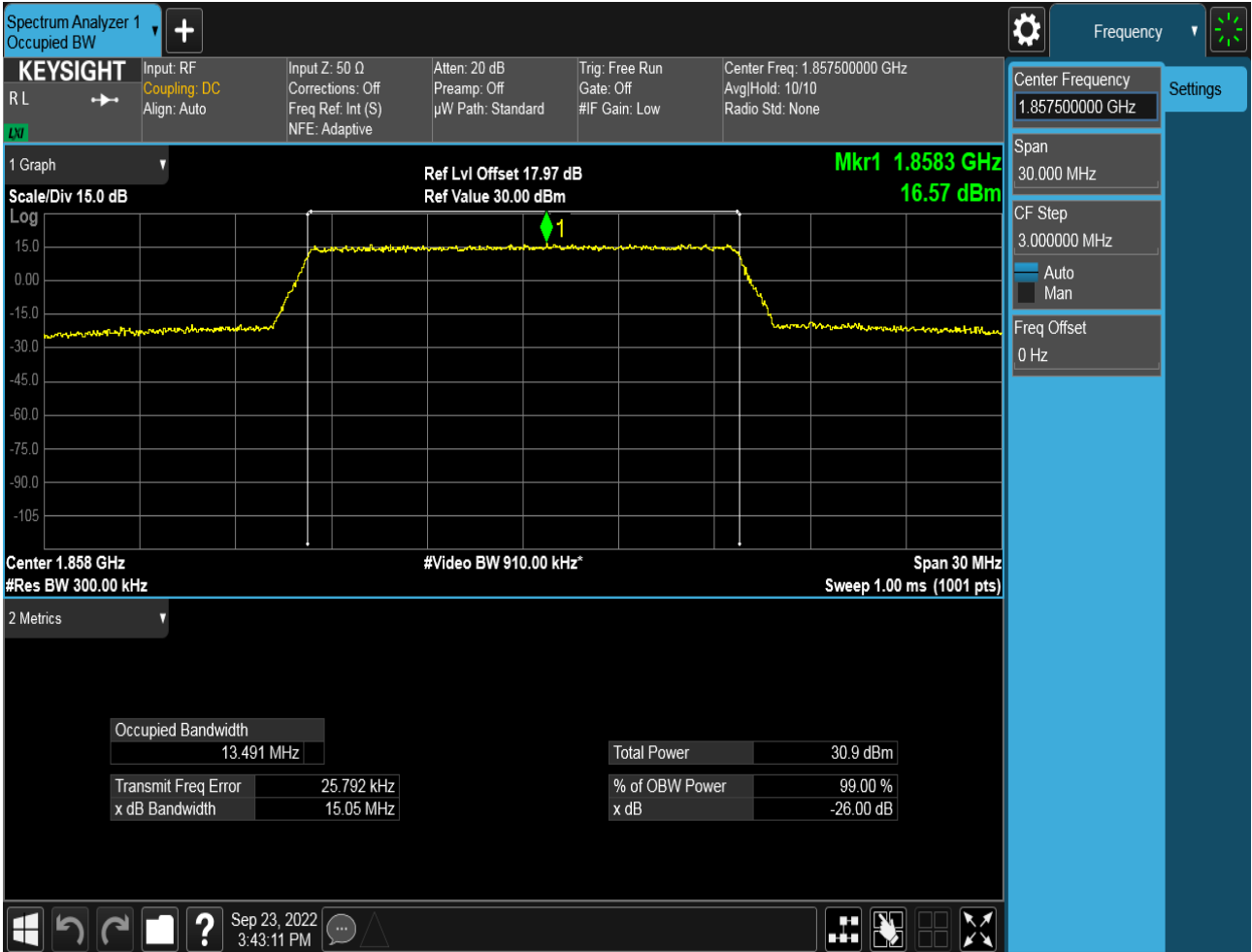




4.1.1.2.5 Test Bandwidth = 15MHz

4.1.1.2.5.1 Test Channel = LCH

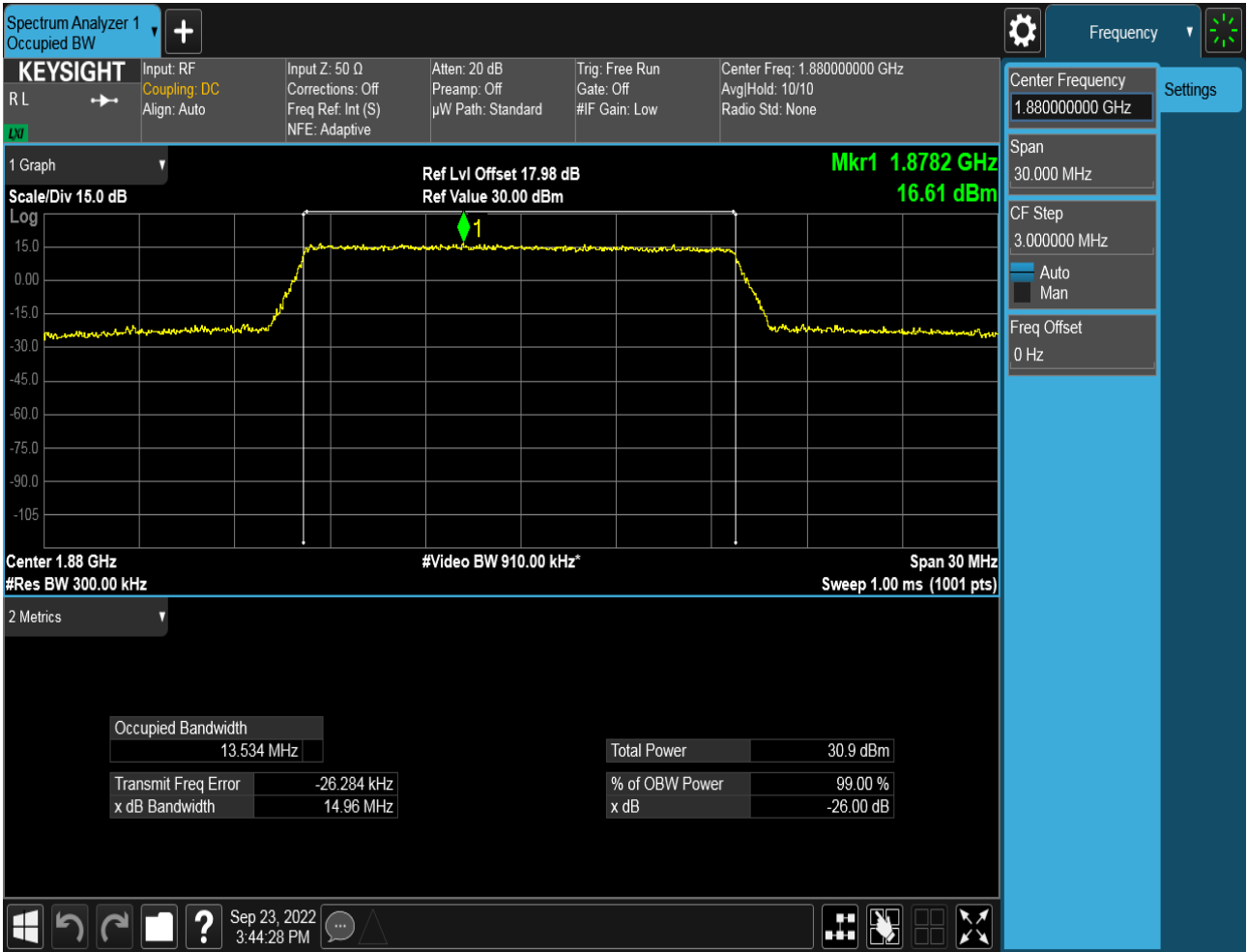
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

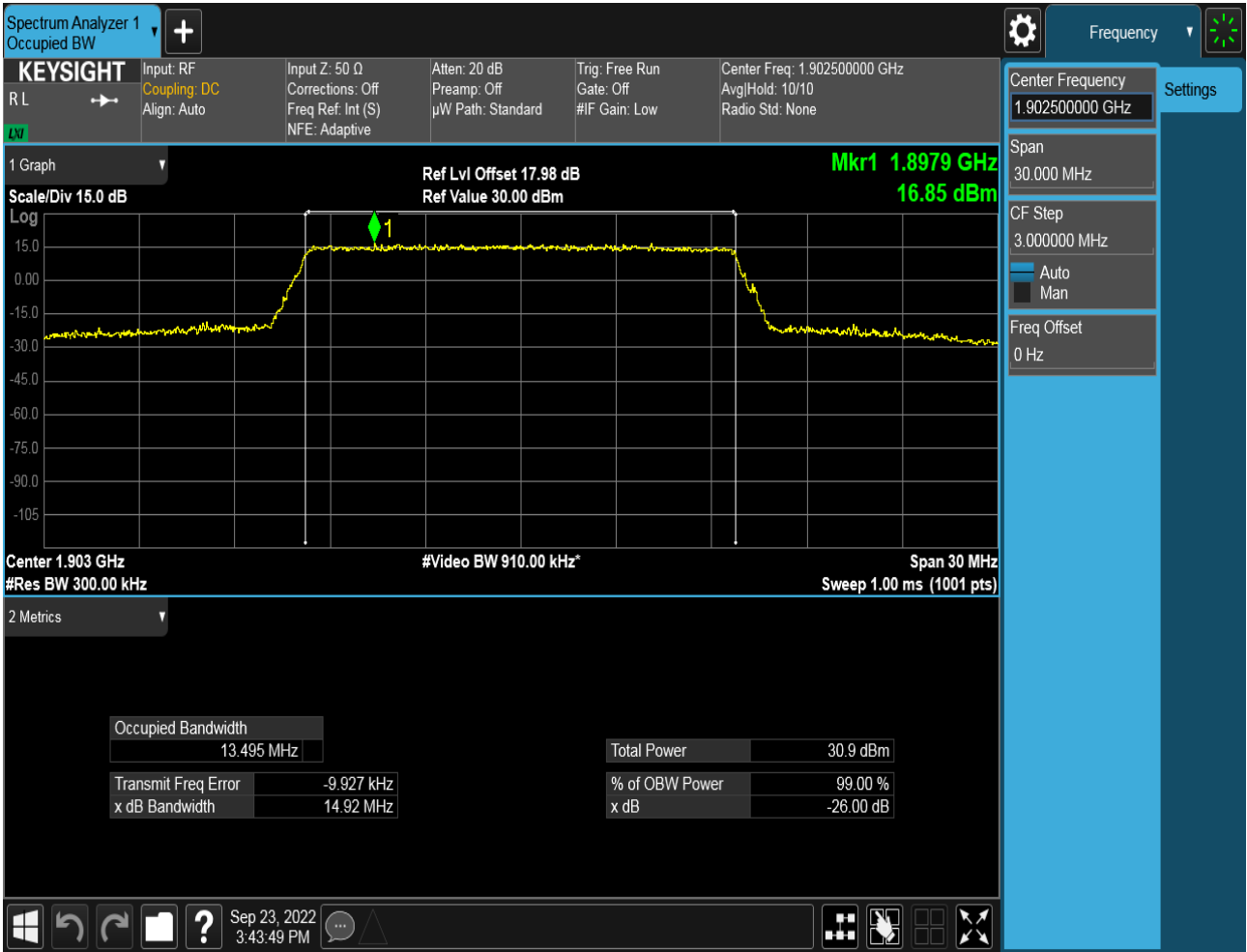
4.1.1.2.5.2.1 Test RB = RB75#0





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

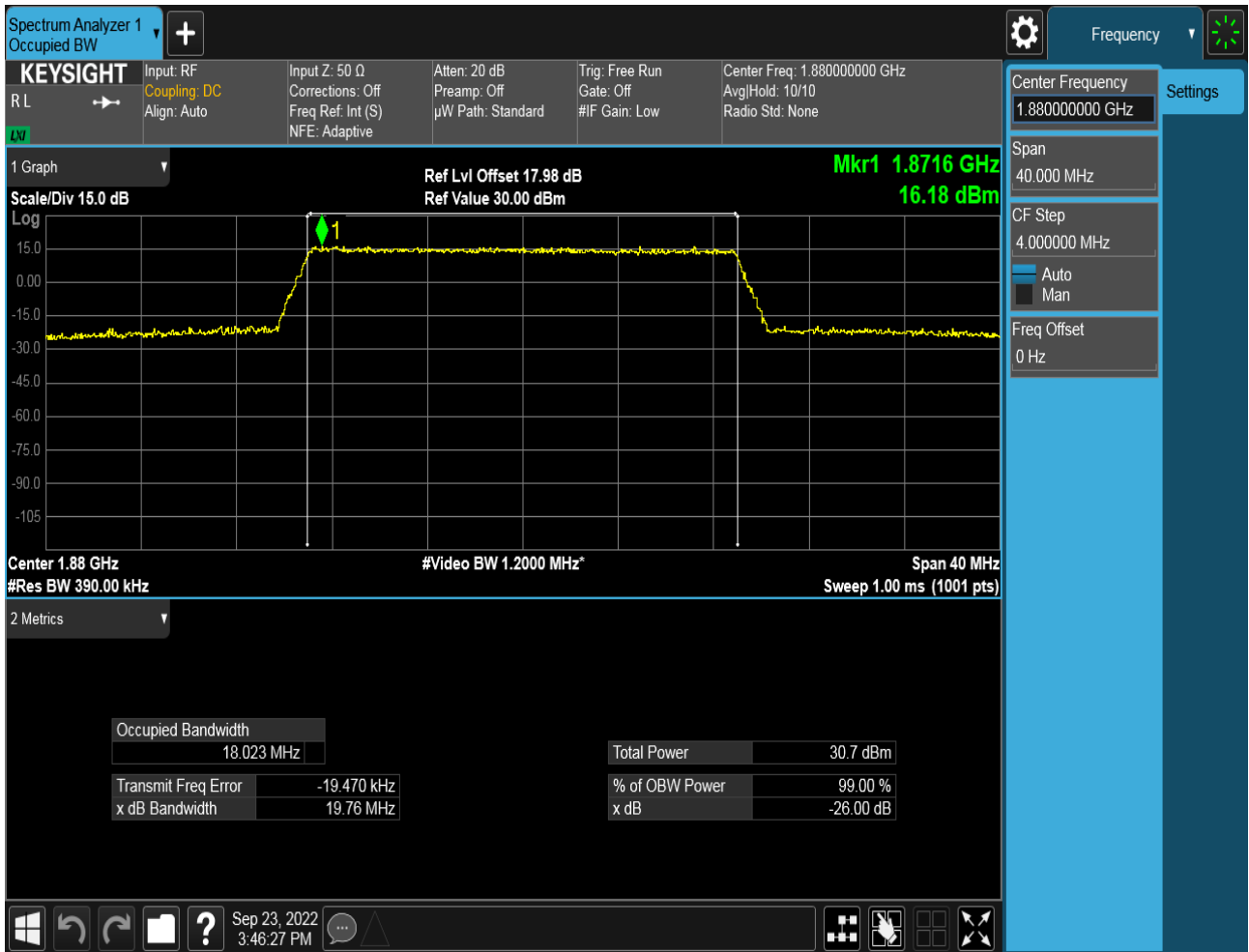
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

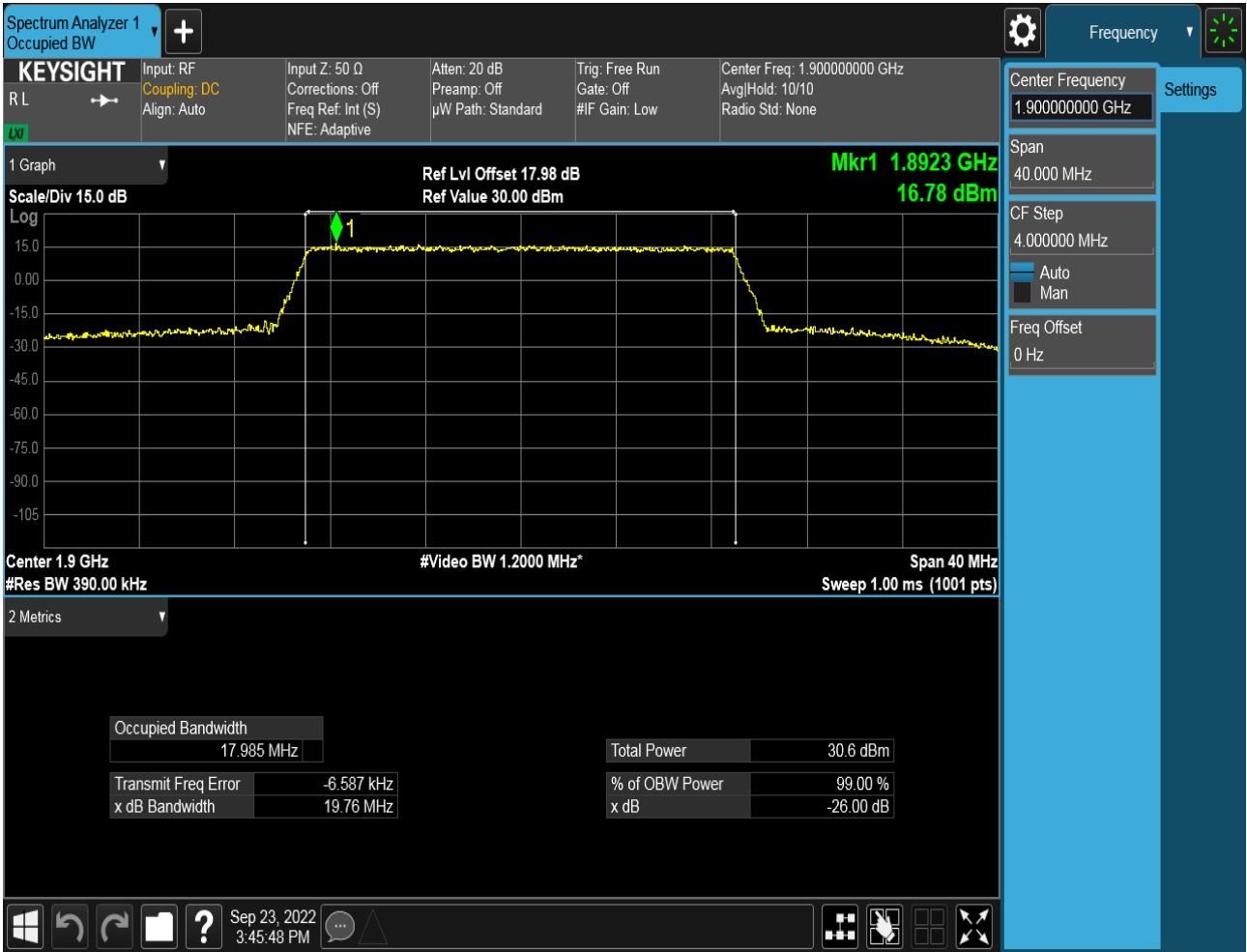
4.1.1.2.6.2.1 Test RB = RB100#0





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

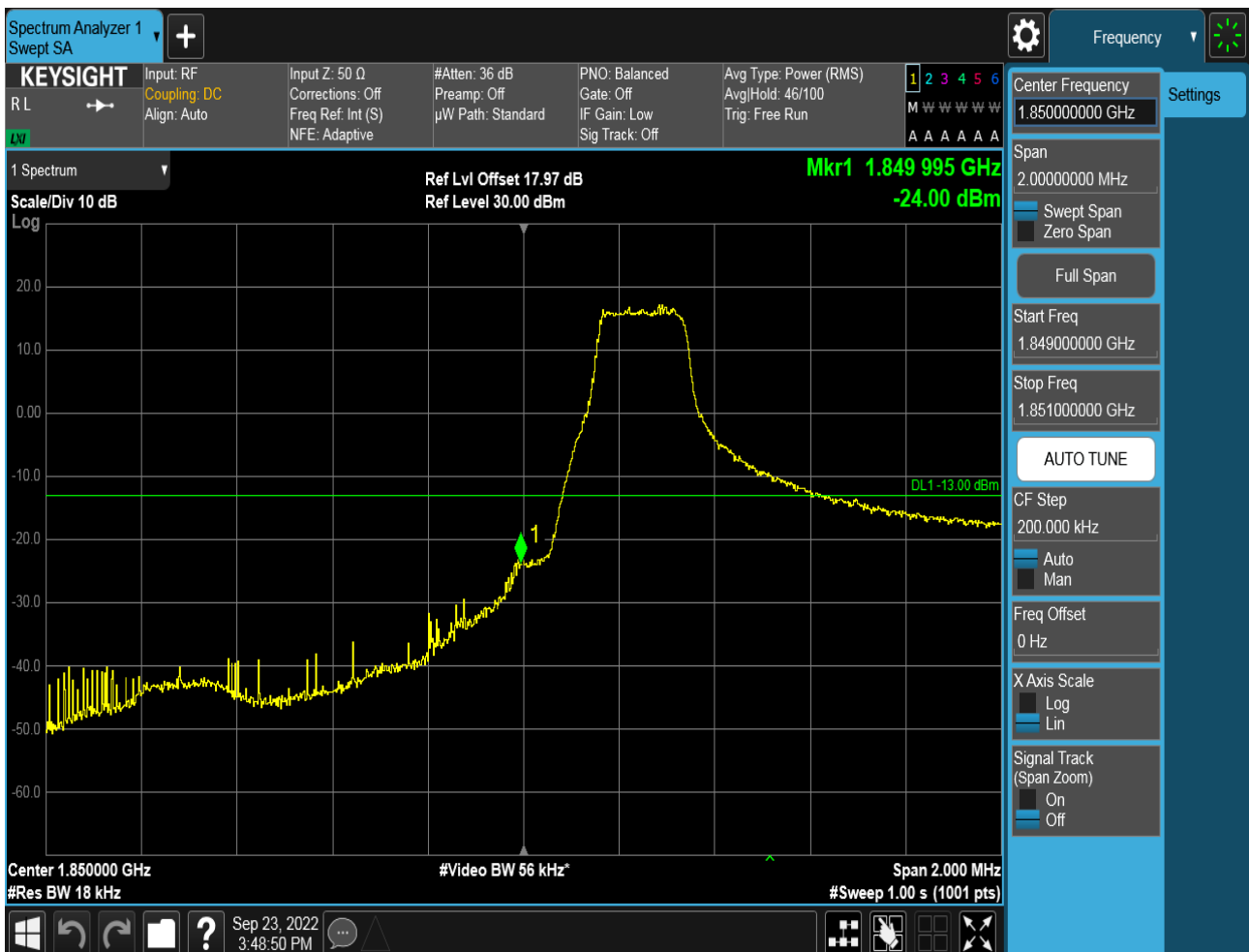
5.1.1 Test Band = Band2

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



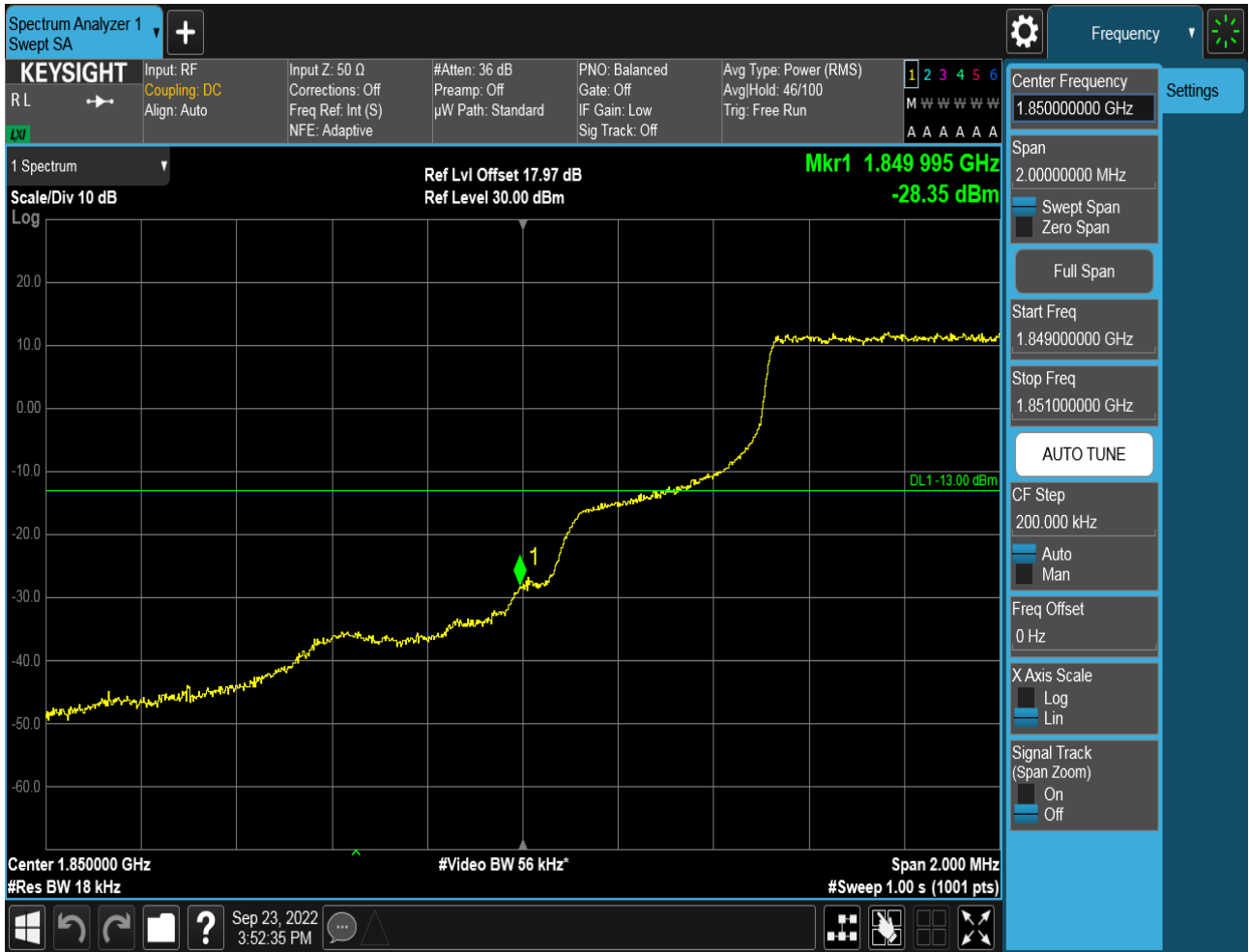


5.1.1.1.1.2 Test RB = RB1#5





5.1.1.1.1.3 Test RB = RB3#2





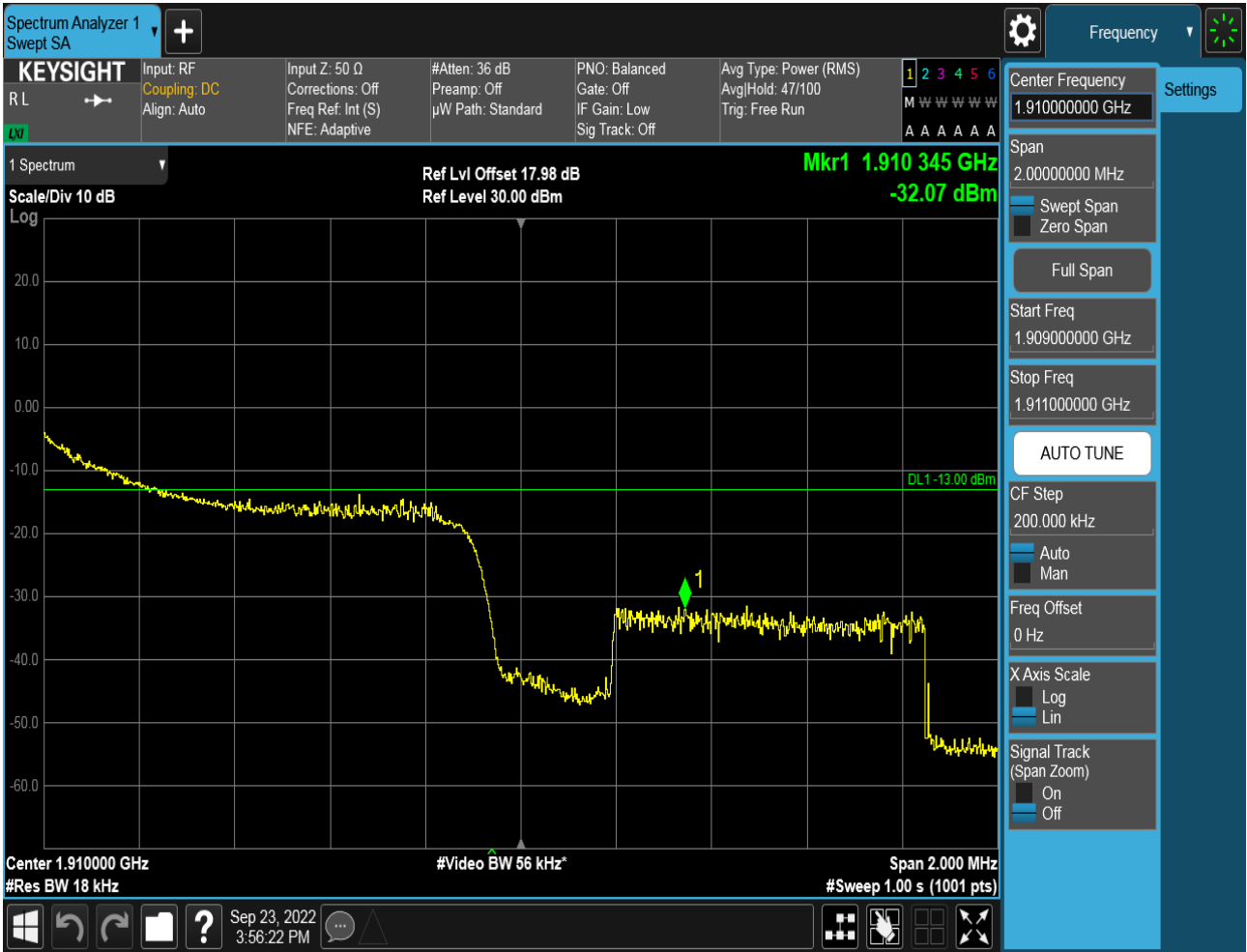
5.1.1.1.1.4 Test RB = RB6#0





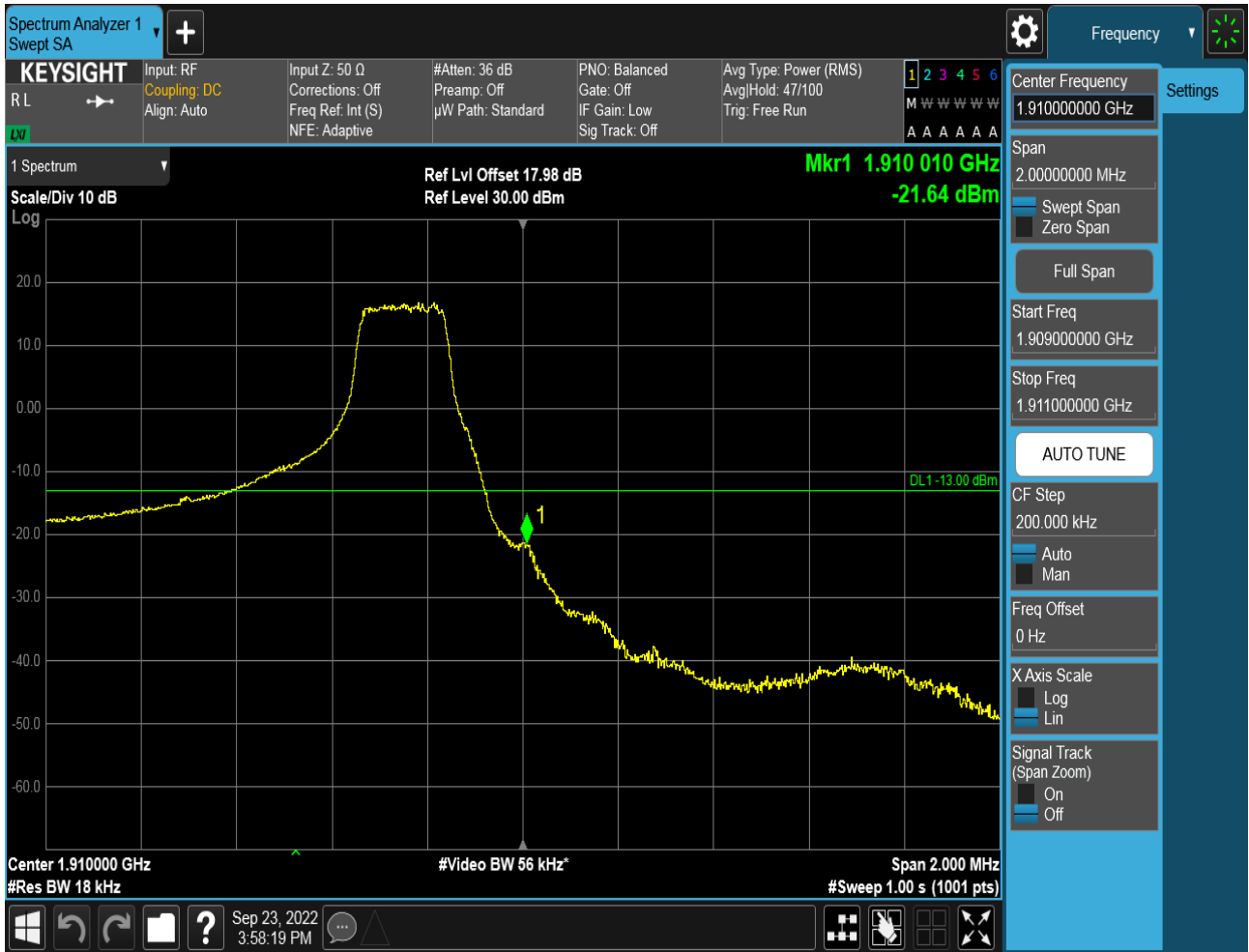
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5



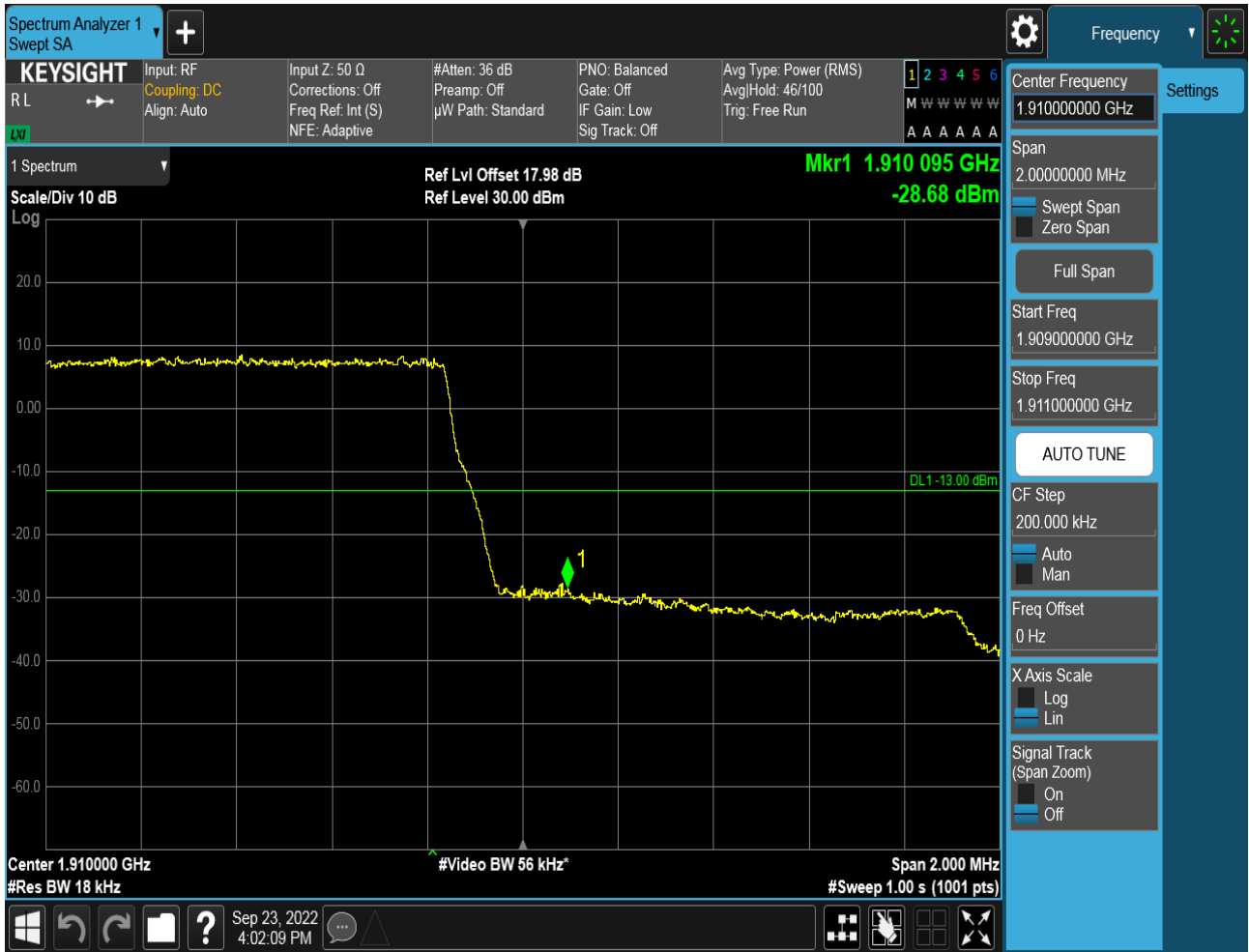


5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

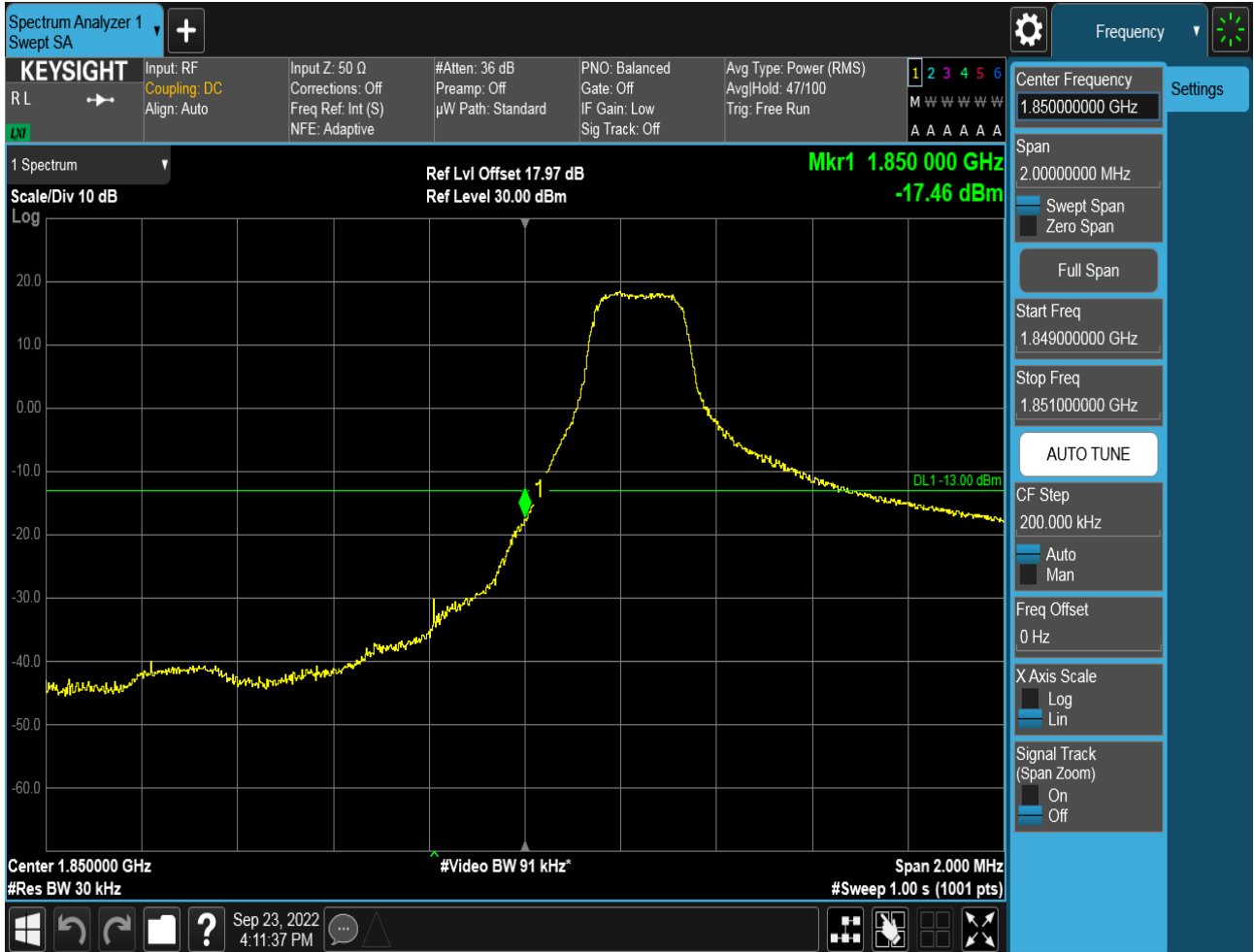




5.1.1.1.2 Test Bandwidth = 3MHz

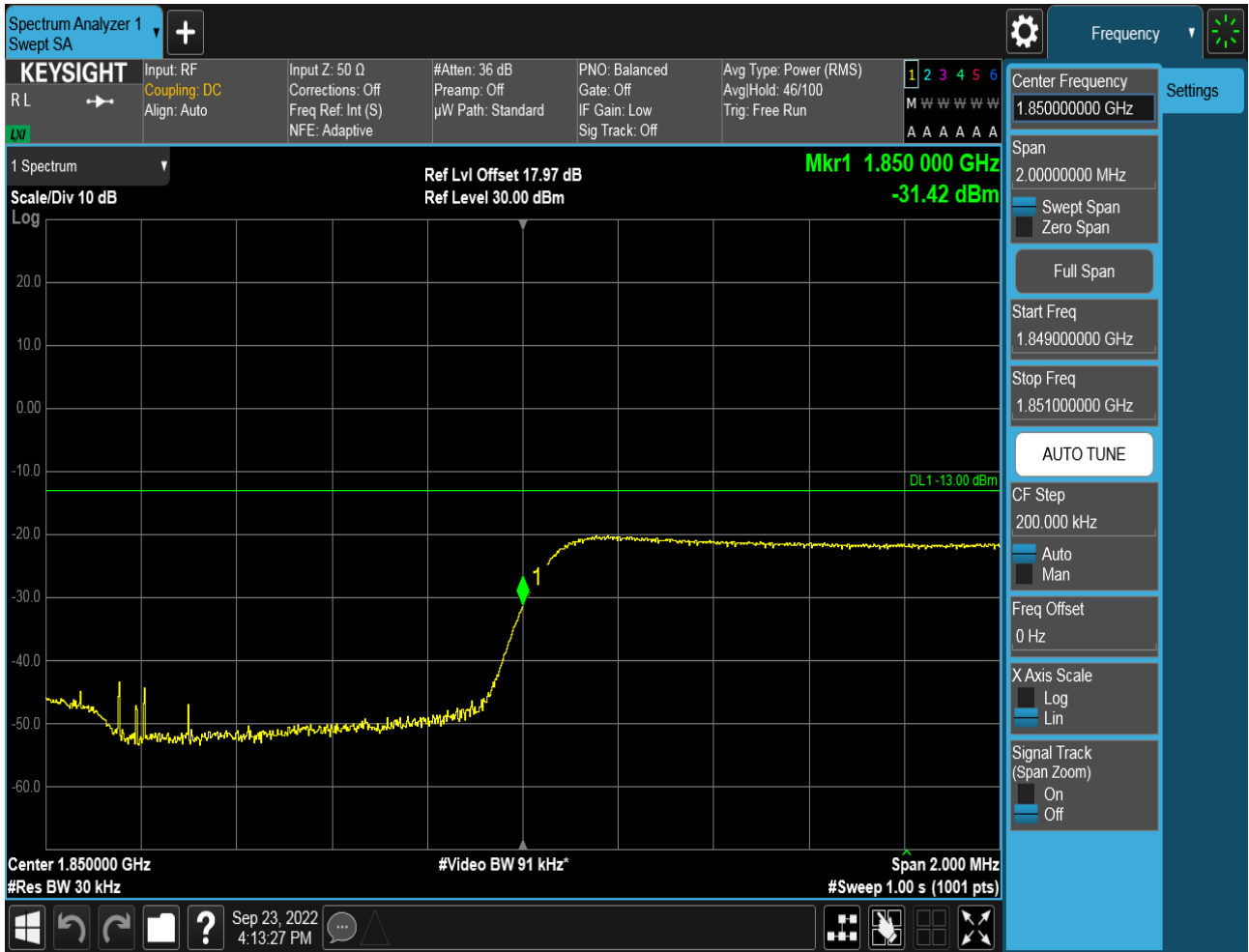
5.1.1.1.2.1 Test Channel = LCH

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 = RB8#4





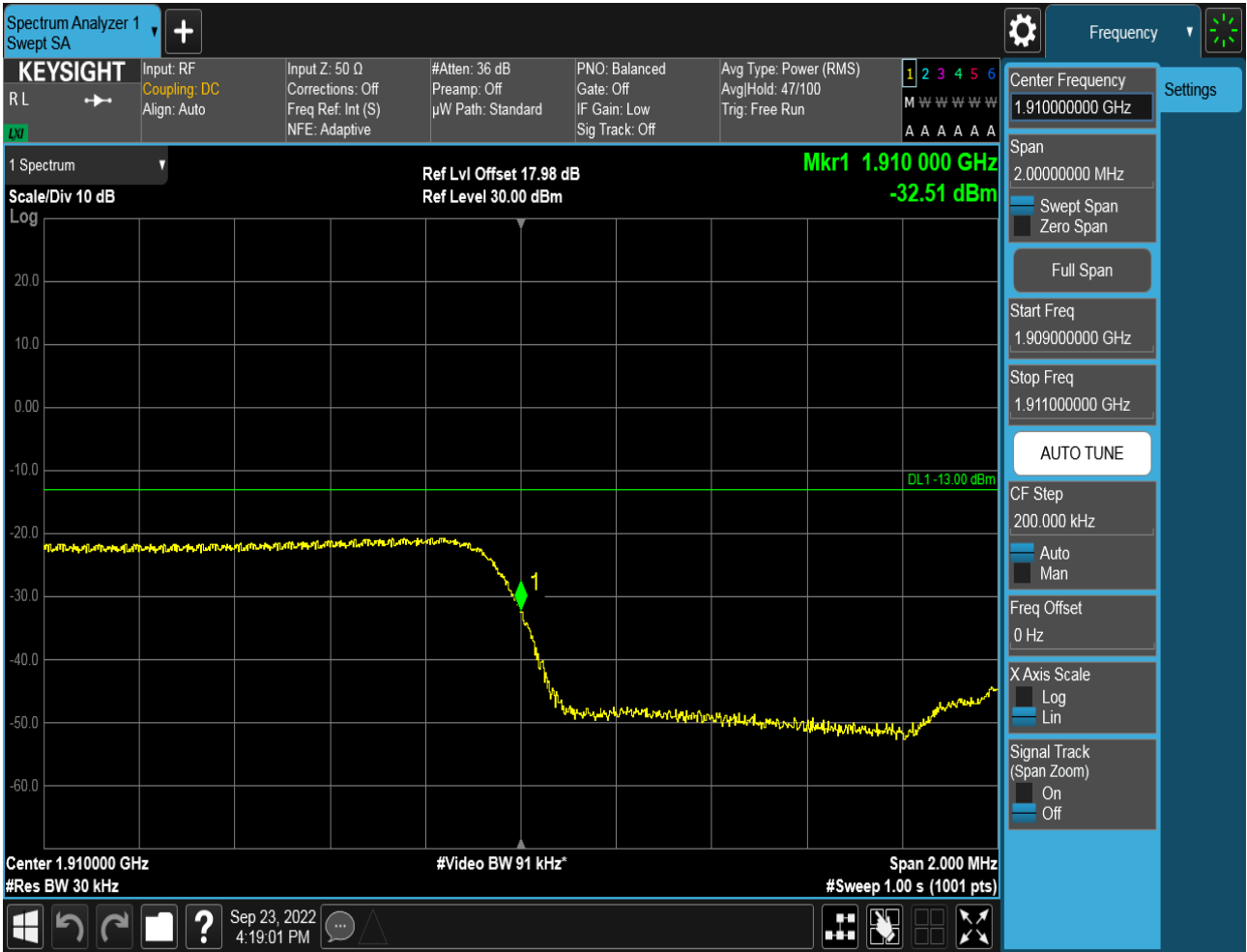
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.3 Test RB = RB8#4





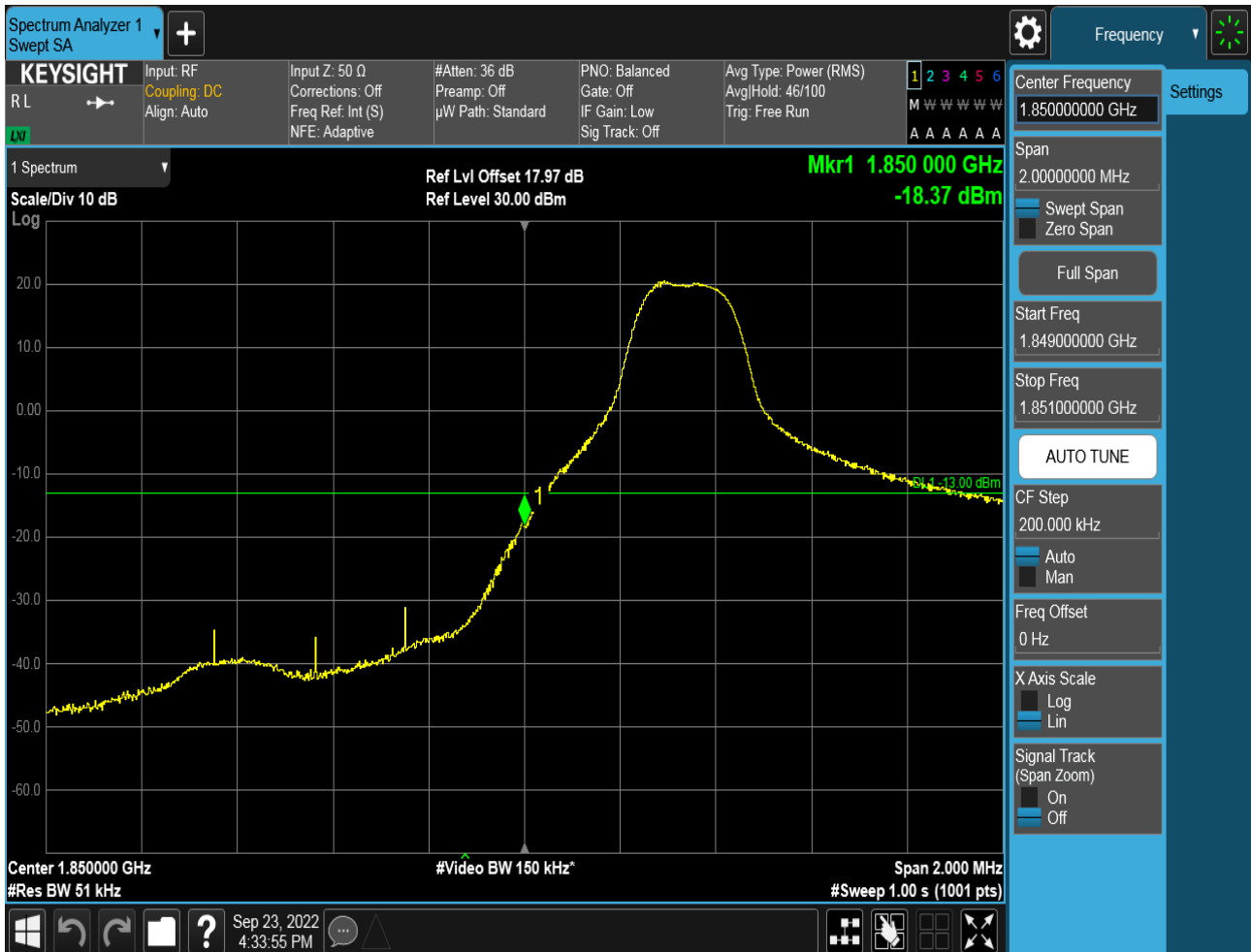
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5MHz

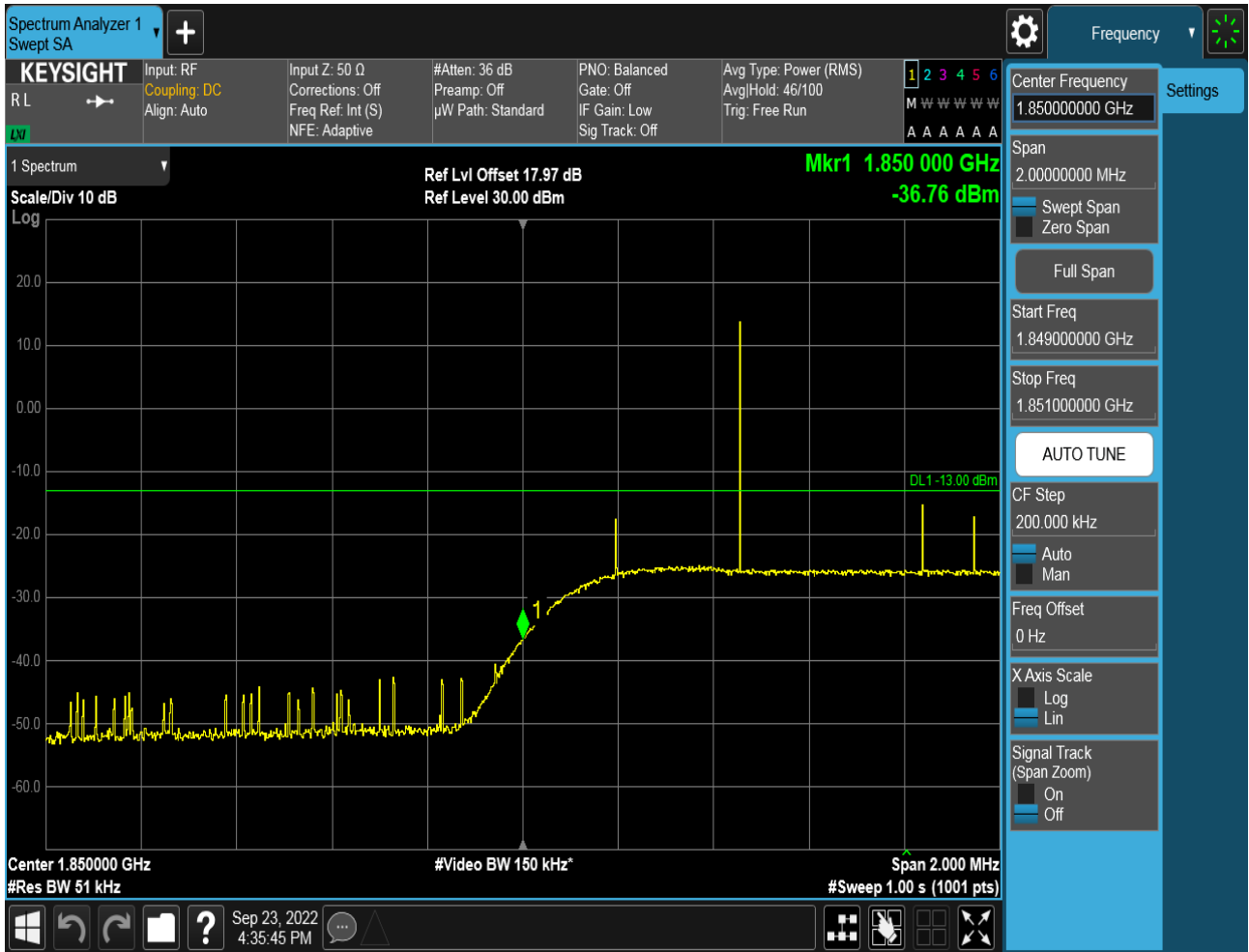
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



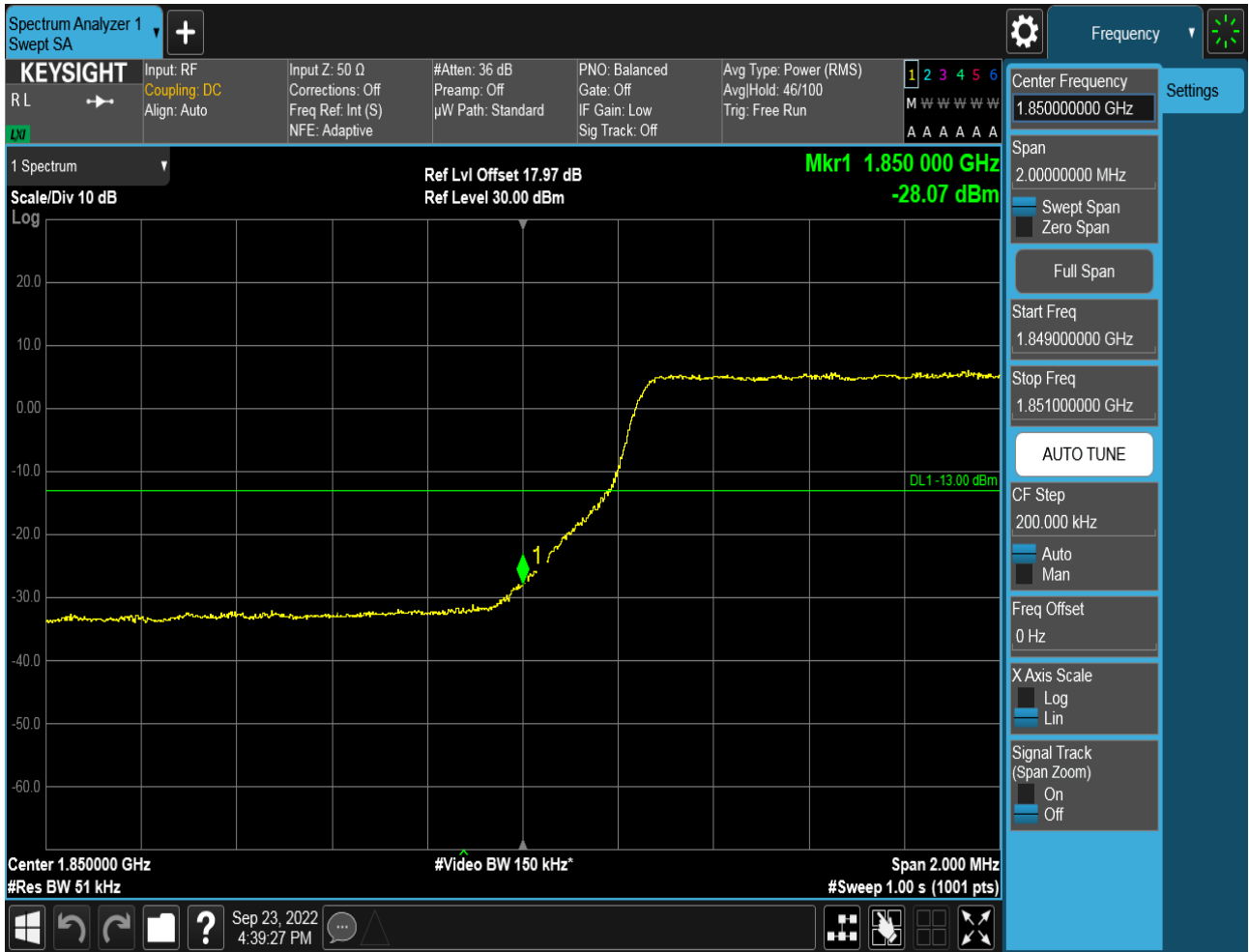


5.1.1.1.3.1.3 Test RB = RB12#6





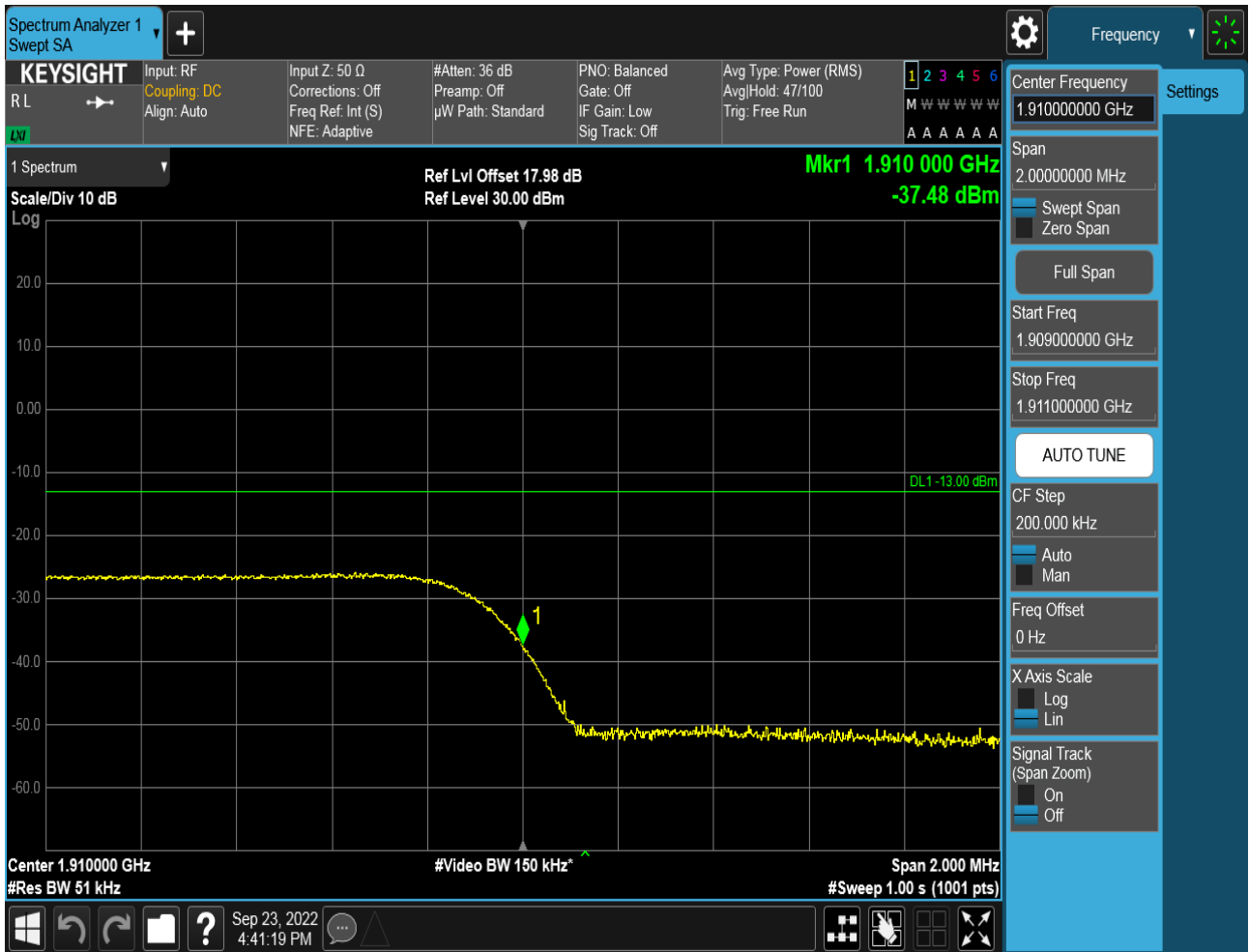
5.1.1.1.3.1.4 Test RB = RB25#0





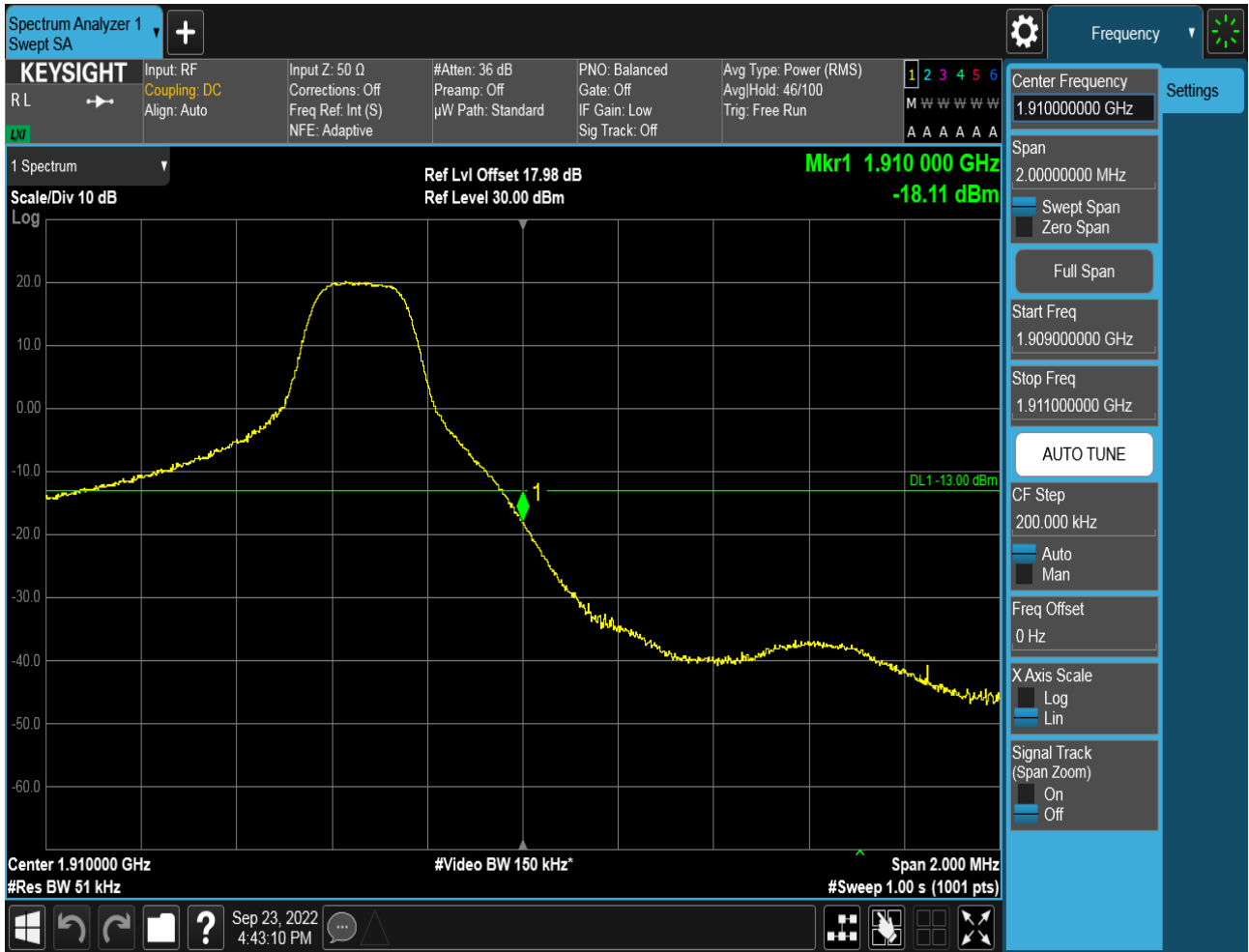
5.1.1.1.3.2 Test Channel = HCH

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

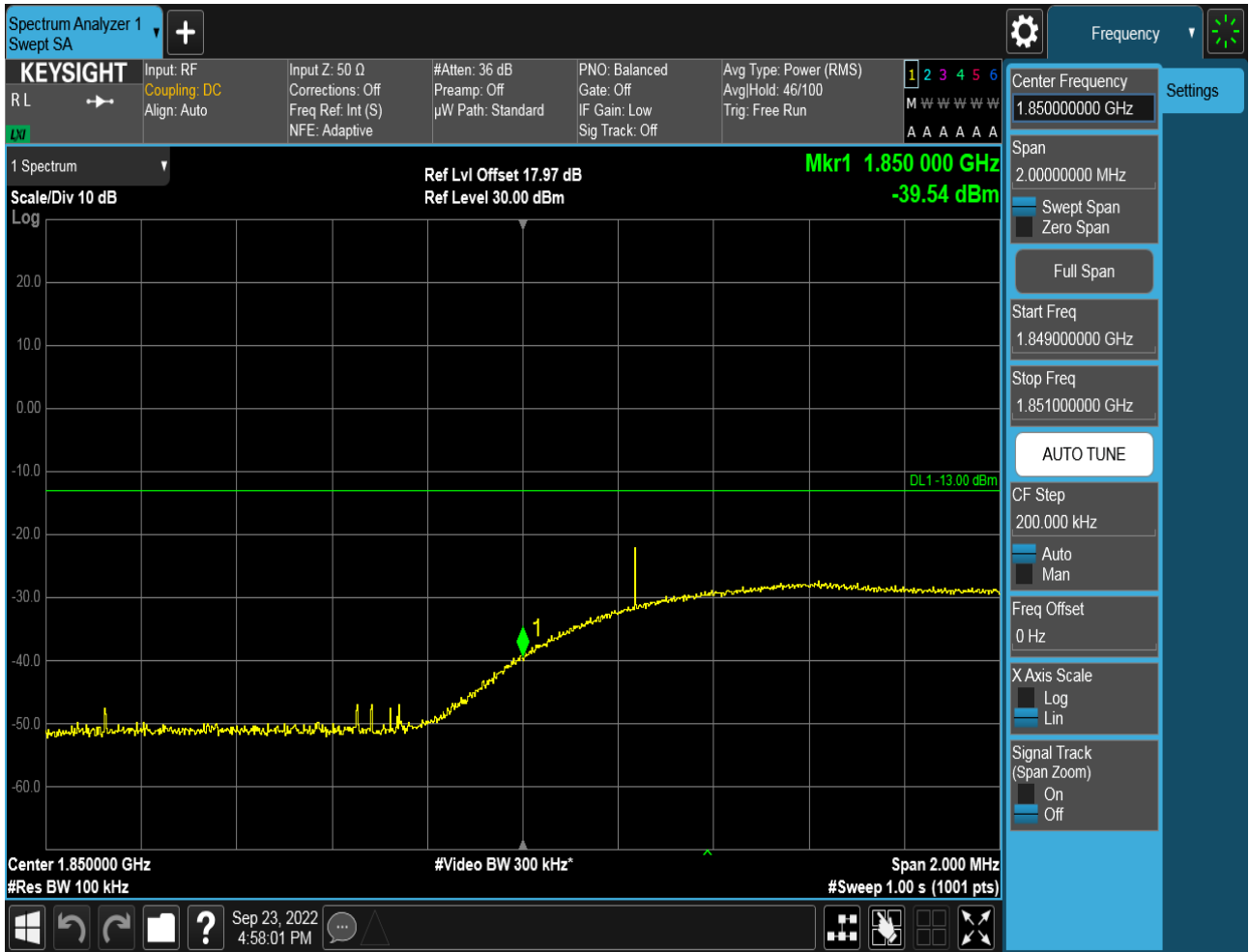
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



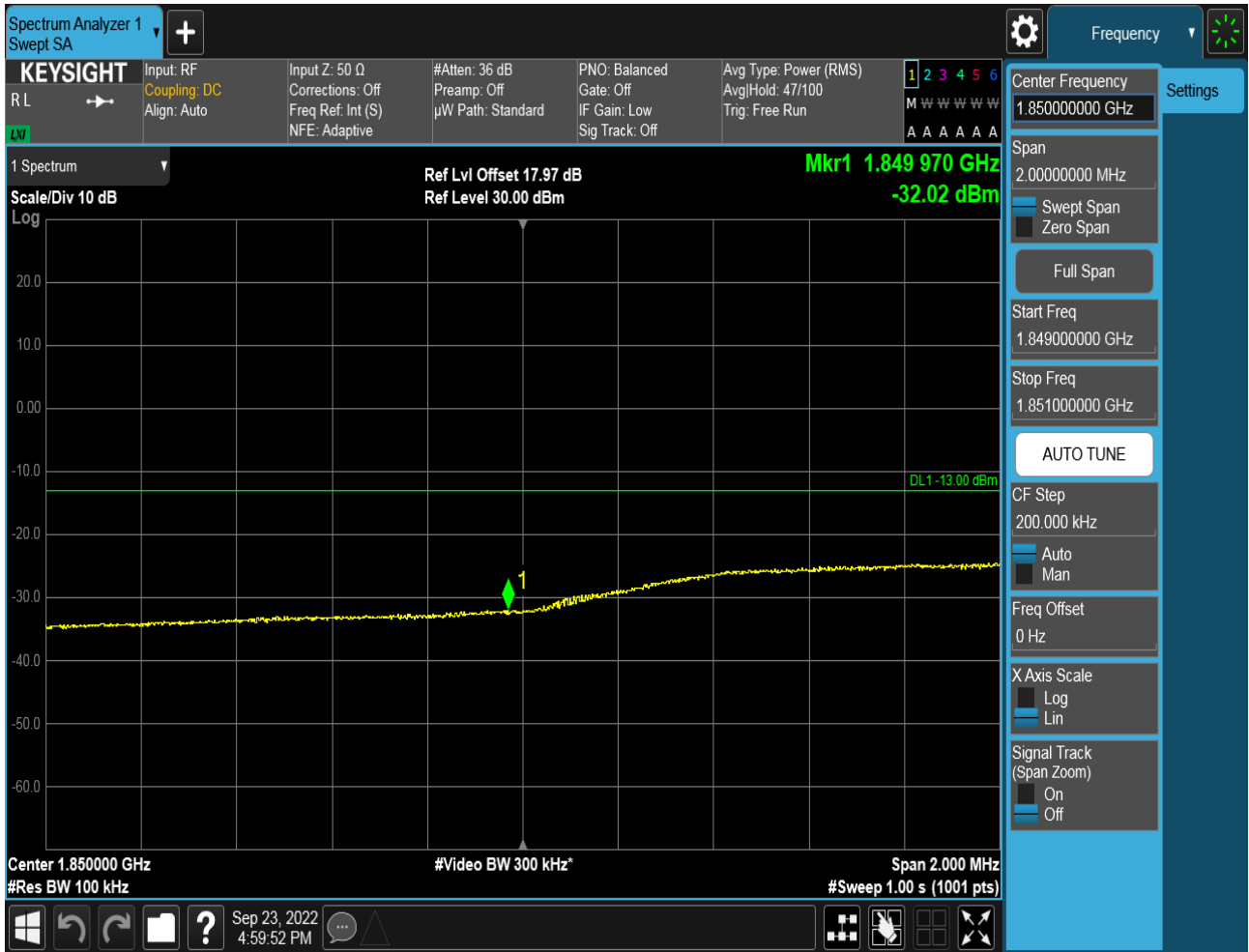


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





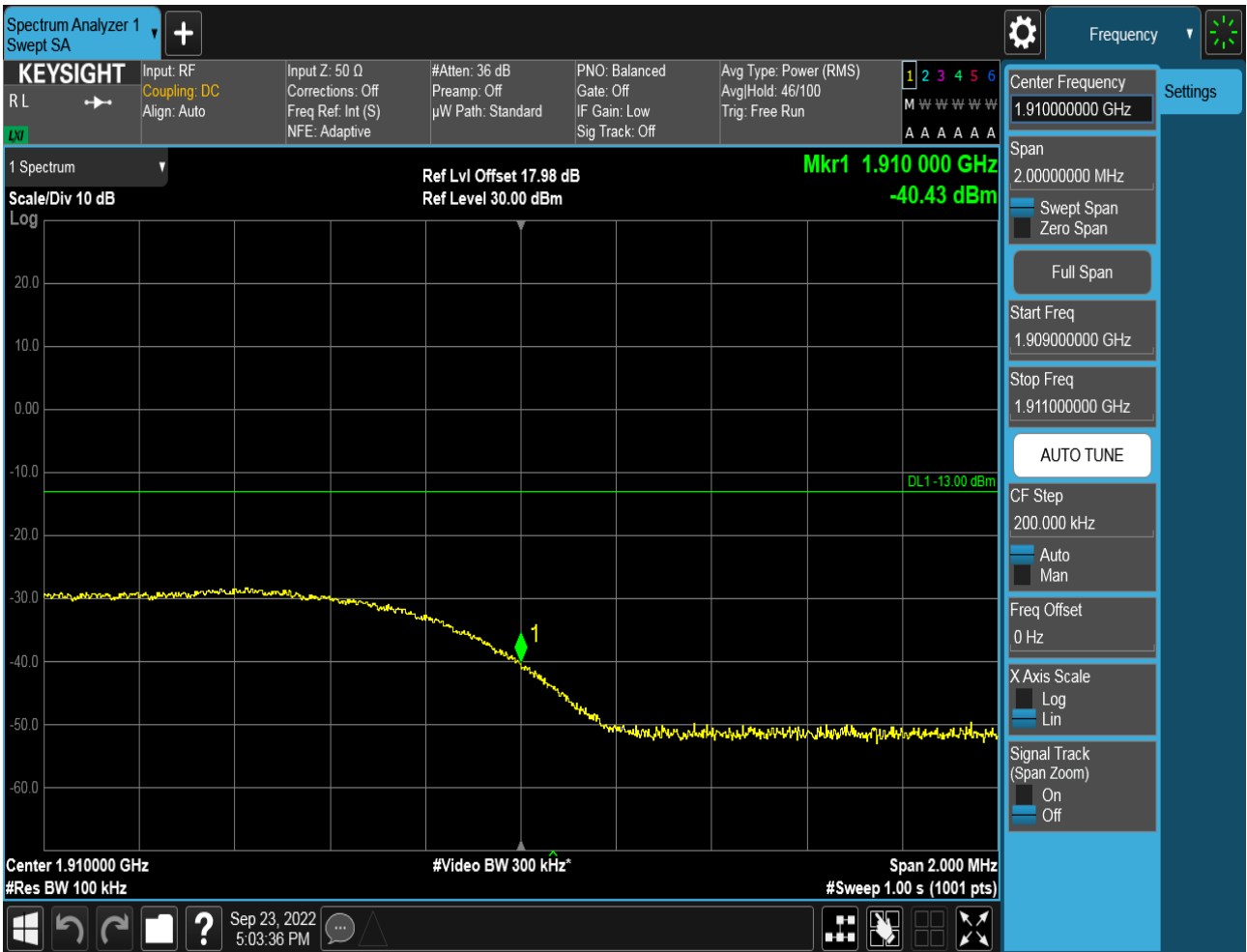
5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



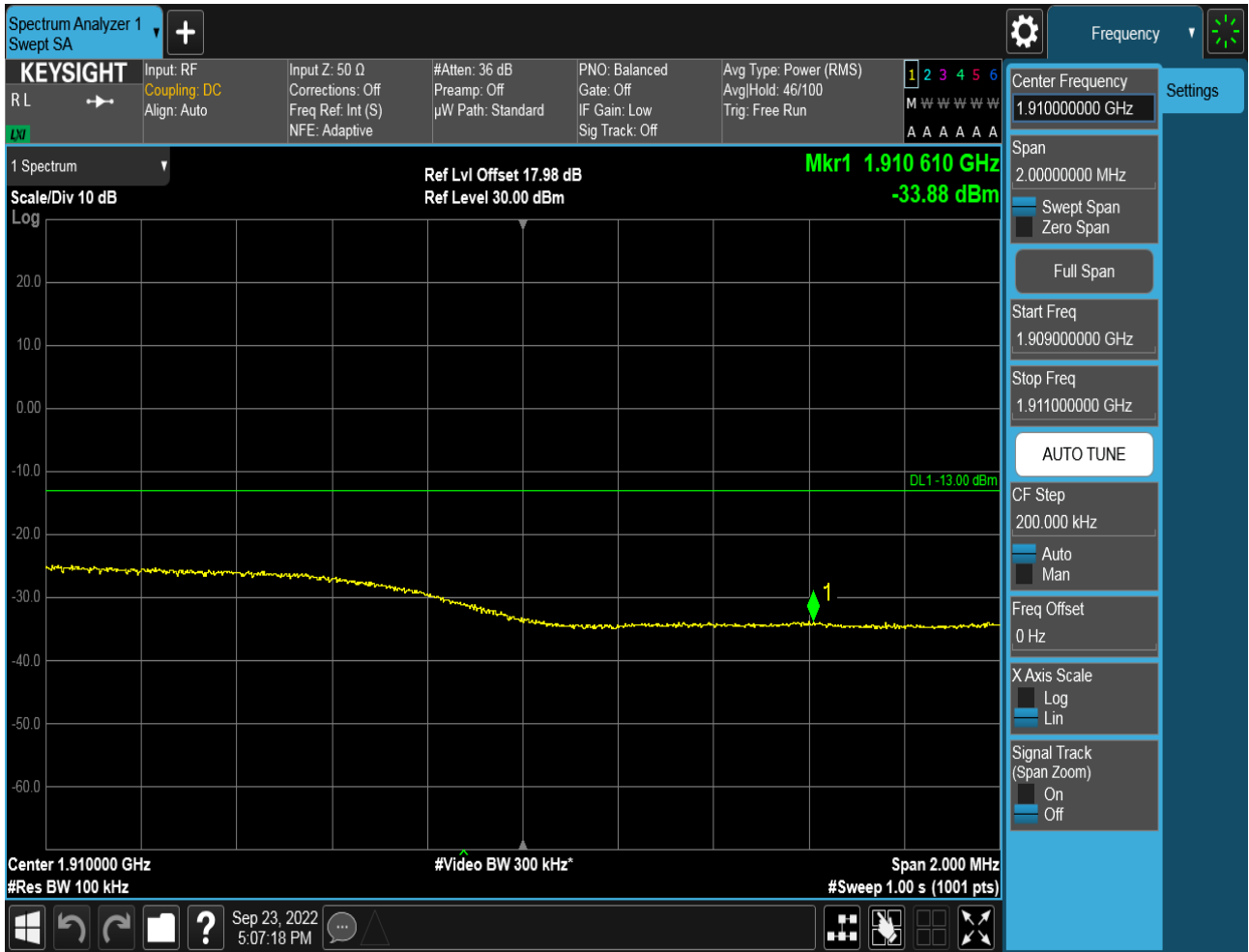


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

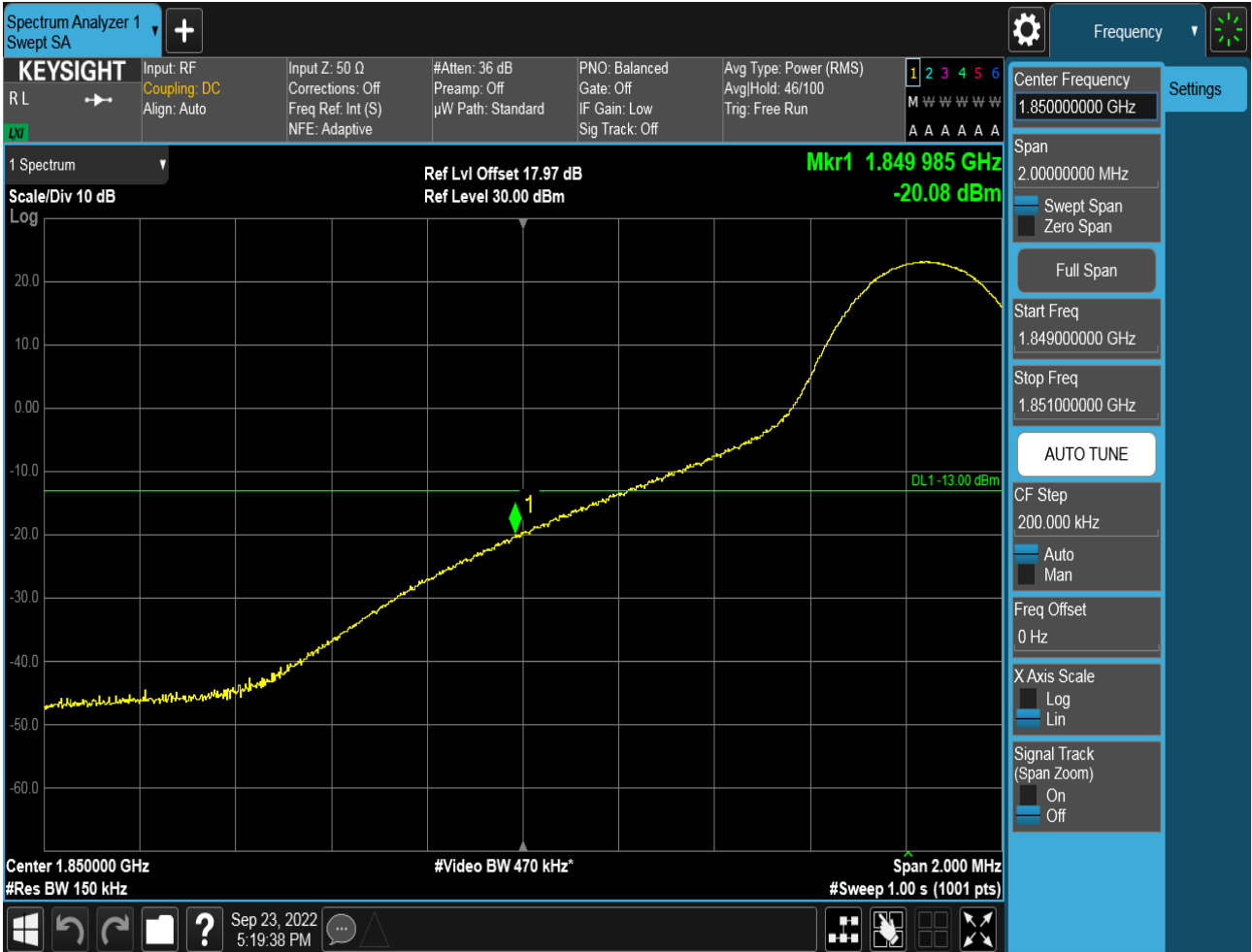




5.1.1.1.5 Test Bandwidth = 15MHz

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



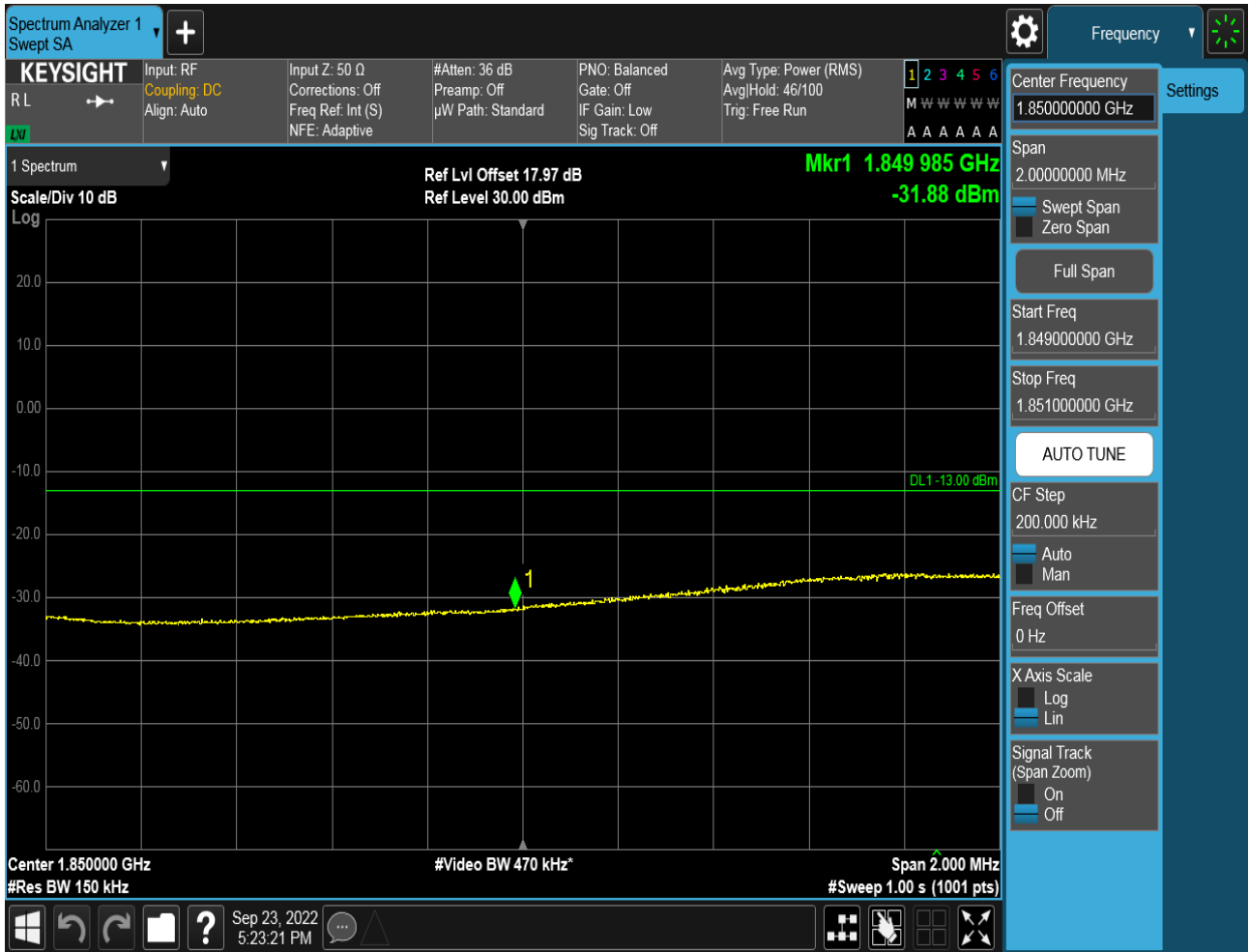


5.1.1.1.5.1.2 Test RB = RB1#74



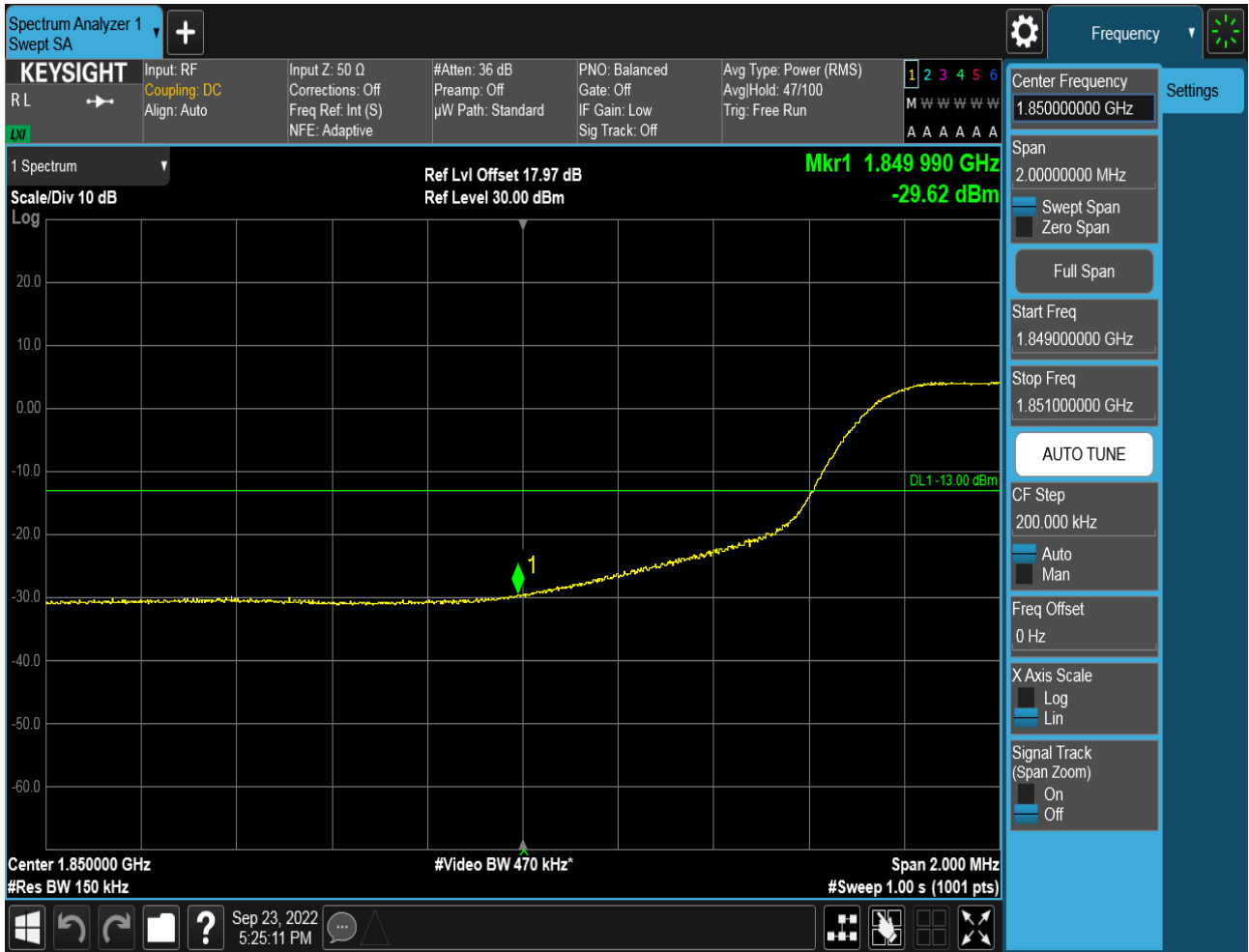


5.1.1.1.5.1.3 Test RB = RB38#19





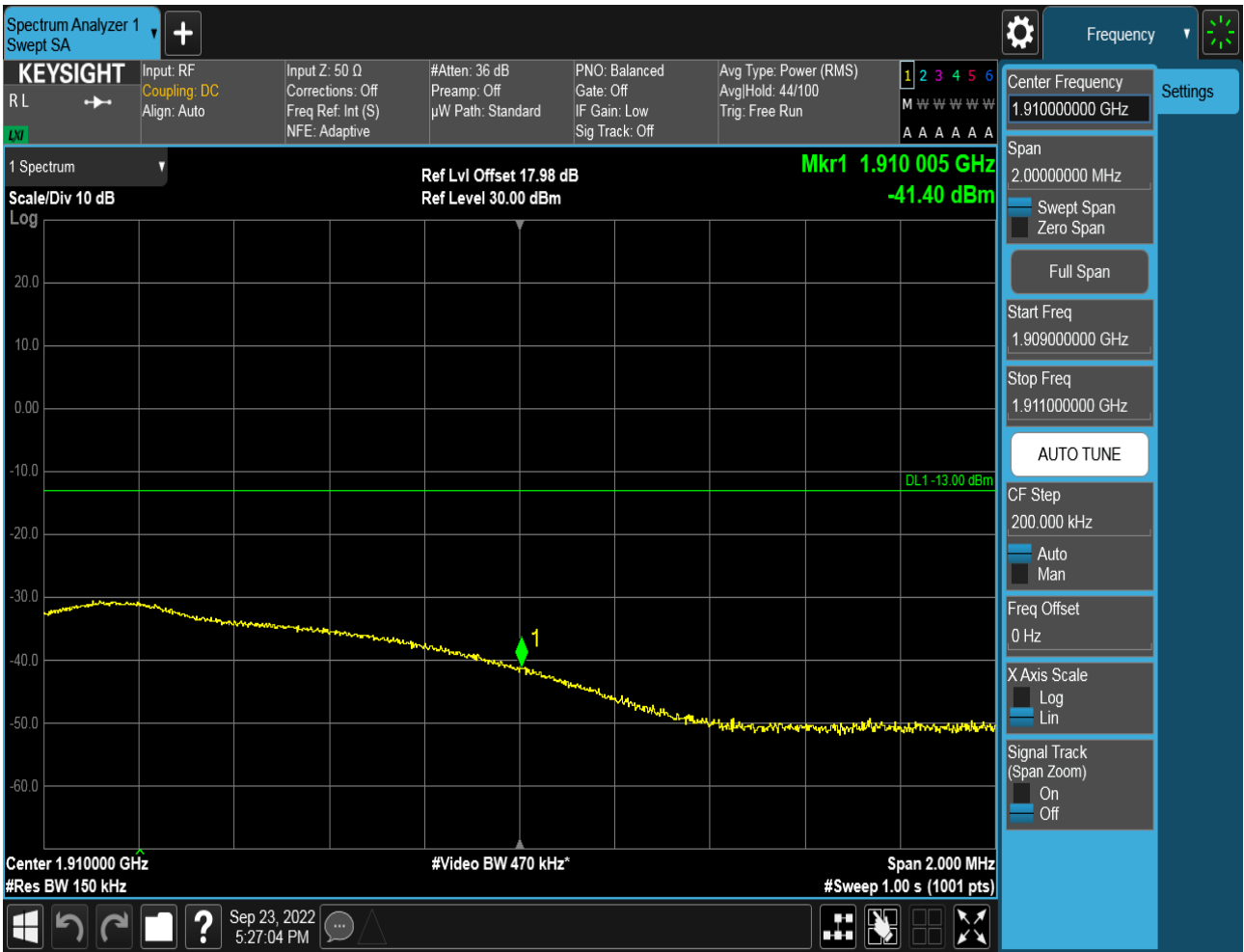
5.1.1.1.5.1.4 Test RB = RB75#0





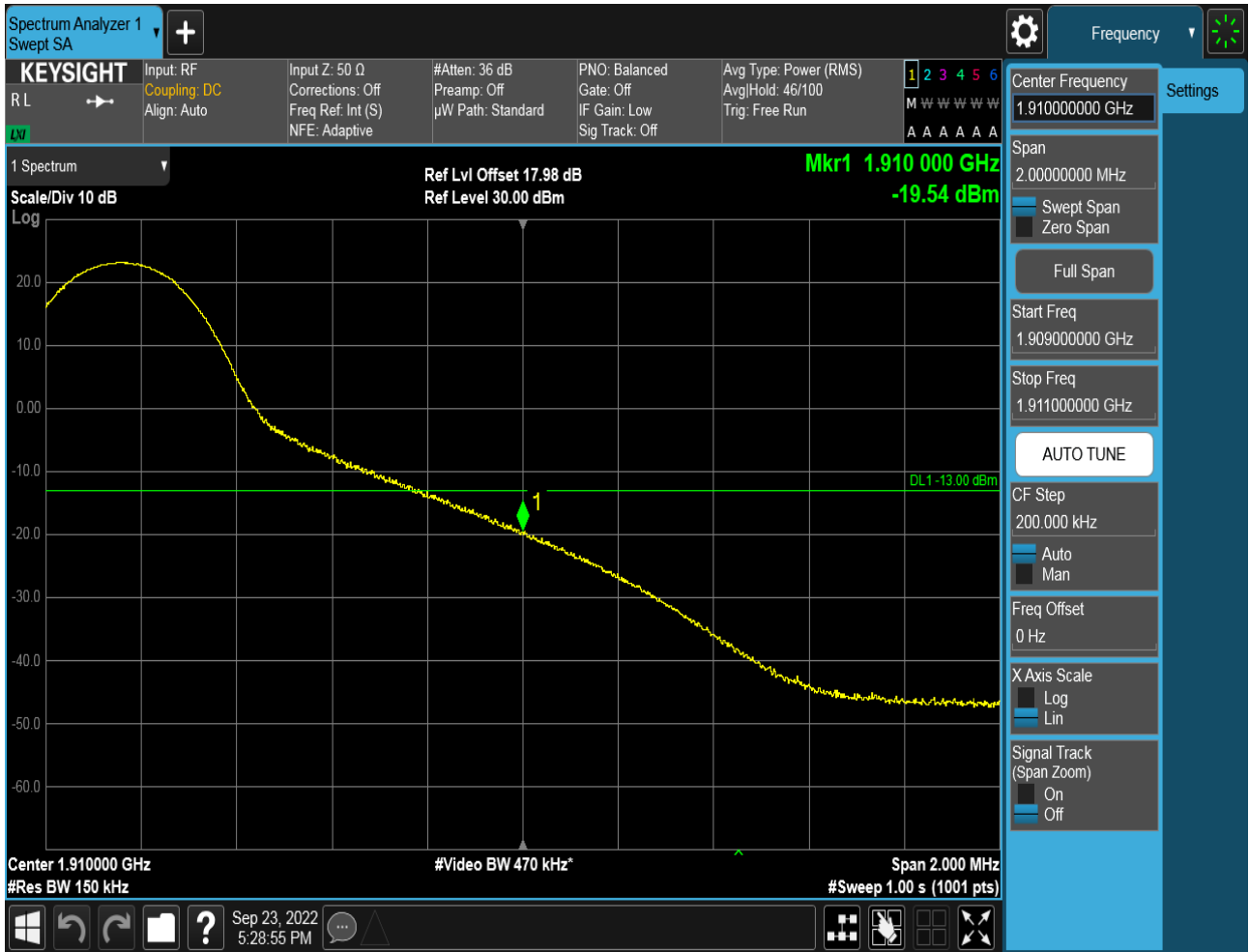
5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



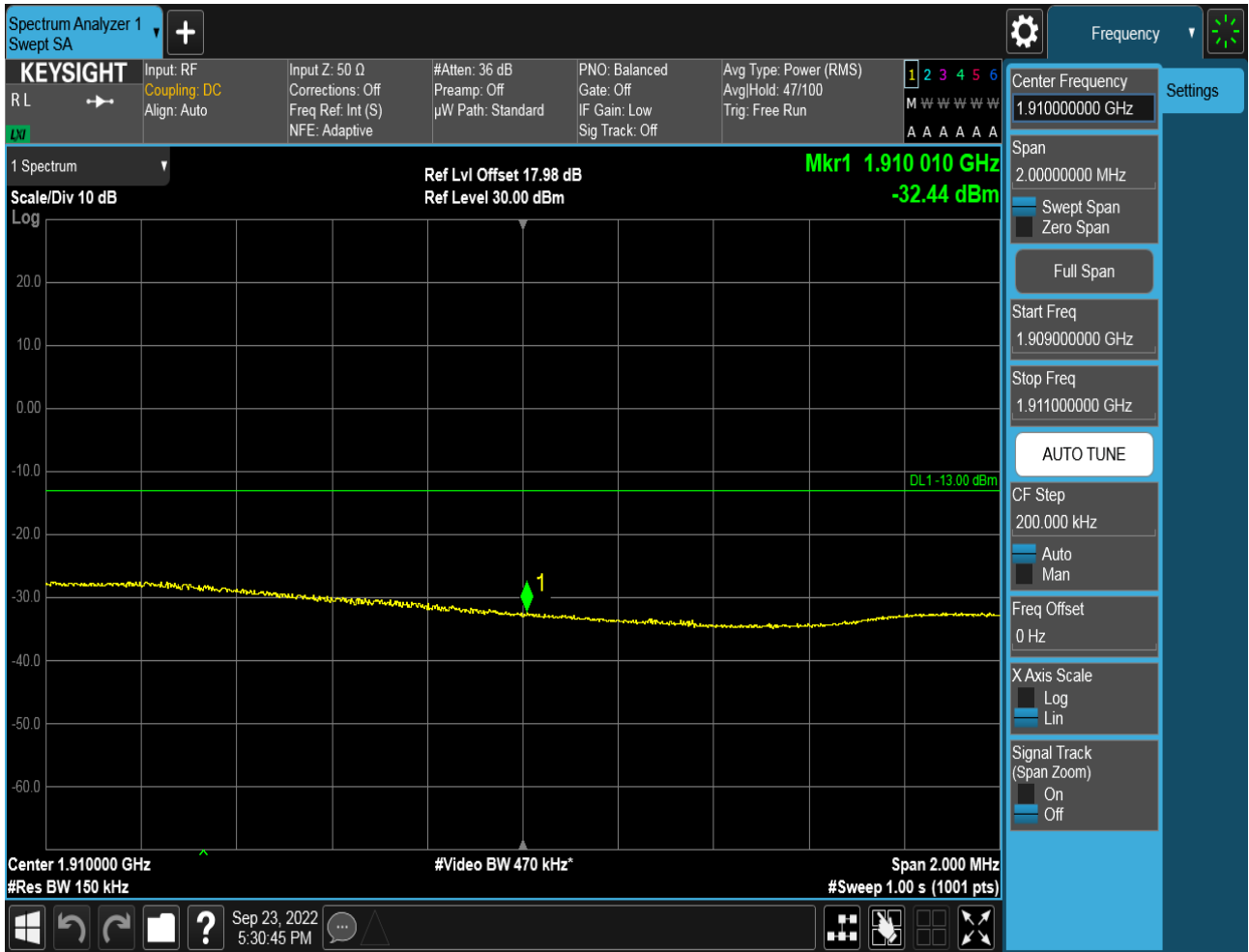


5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

