



# 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	22.72	23.12	33	PASS
				RB1#3	22.93	23.33	33	PASS
				RB1#5	22.76	23.16	33	PASS
				RB3#0	22.77	23.17	33	PASS
				RB3#2	22.88	23.28	33	PASS
				RB3#3	22.88	23.28	33	PASS
				RB6#0	21.81	22.21	33	PASS
			MCH	RB1#0	22.75	23.15	33	PASS
				RB1#3	22.93	23.33	33	PASS
				RB1#5	22.72	23.12	33	PASS
				RB3#0	22.89	23.29	33	PASS
				RB3#2	22.80	23.20	33	PASS
				RB3#3	22.88	23.28	33	PASS
				RB6#0	21.83	22.23	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.76	23.16	33	PASS
				RB1#3	22.92	23.32	33	PASS
				RB1#5	22.73	23.13	33	PASS
				RB3#0	22.88	23.28	33	PASS
				RB3#2	22.83	23.23	33	PASS
				RB3#3	22.81	23.21	33	PASS
				RB6#0	21.88	22.28	33	PASS
		3	LCH	RB1#0	22.83	23.23	33	PASS
				RB1#7	23.00	23.40	33	PASS
				RB1#14	22.81	23.21	33	PASS
				RB8#0	21.84	22.24	33	PASS
				RB8#4	21.86	22.26	33	PASS
				RB8#7	21.80	22.20	33	PASS
				RB15#0	21.79	22.19	33	PASS
			MCH	RB1#0	22.71	23.11	33	PASS
				RB1#7	22.88	23.28	33	PASS
				RB1#14	22.71	23.11	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.80	22.20	33	PASS
				RB8#4	21.86	22.26	33	PASS
				RB8#7	21.80	22.20	33	PASS
				RB15#0	21.80	22.20	33	PASS
			HCH	RB1#0	22.81	23.21	33	PASS
				RB1#7	22.93	23.33	33	PASS
				RB1#14	22.82	23.22	33	PASS
				RB8#0	21.82	22.22	33	PASS
			RB8#4	21.88	22.28	33	PASS	
			RB8#7	21.84	22.24	33	PASS	
			RB15#0	21.84	22.24	33	PASS	
			5	LCH	RB1#0	22.77	23.17	33
		RB1#13			22.84	23.24	33	PASS
		RB1#24			22.73	23.13	33	PASS
		RB12#0			21.84	22.24	33	PASS
		RB12#6			21.84	22.24	33	PASS
		RB12#13			21.86	22.26	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.80	22.20	33	PASS
			MCH	RB1#0	22.69	23.09	33	PASS
				RB1#13	22.82	23.22	33	PASS
				RB1#24	22.70	23.10	33	PASS
				RB12#0	21.81	22.21	33	PASS
				RB12#6	21.89	22.29	33	PASS
				RB12#13	21.83	22.23	33	PASS
				RB25#0	21.87	22.27	33	PASS
				HCH	RB1#0	22.63	23.03	33
			RB1#13		22.76	23.16	33	PASS
			RB1#24		22.70	23.10	33	PASS
			RB12#0		21.81	22.21	33	PASS
			RB12#6		21.87	22.27	33	PASS
			RB12#13		21.83	22.23	33	PASS
			RB25#0		21.79	22.19	33	PASS
		10	LCH	RB1#0	22.78	23.18	33	PASS
				RB1#25	22.95	23.35	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.73	23.13	33	PASS
				RB25#0	21.87	22.27	33	PASS
				RB25#13	21.90	22.30	33	PASS
				RB25#25	21.91	22.31	33	PASS
				RB50#0	21.89	22.29	33	PASS
			MCH	RB1#0	22.71	23.11	33	PASS
				RB1#25	22.92	23.32	33	PASS
				RB1#49	22.73	23.13	33	PASS
				RB25#0	21.87	22.27	33	PASS
				RB25#13	21.88	22.28	33	PASS
				RB25#25	21.91	22.31	33	PASS
				RB50#0	21.84	22.24	33	PASS
			HCH	RB1#0	22.75	23.15	33	PASS
				RB1#25	22.92	23.32	33	PASS
				RB1#49	22.75	23.15	33	PASS
				RB25#0	21.85	22.25	33	PASS
				RB25#13	21.83	22.23	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.89	22.29	33	PASS
				RB50#0	21.84	22.24	33	PASS
		15	LCH	RB1#0	22.72	23.12	33	PASS
				RB1#38	22.83	23.23	33	PASS
				RB1#74	22.70	23.10	33	PASS
				RB38#0	21.88	22.28	33	PASS
				RB38#19	21.92	22.32	33	PASS
				RB38#39	21.88	22.28	33	PASS
				RB75#0	21.87	22.27	33	PASS
				MCH	RB1#0	22.63	23.03	33
			RB1#38		22.80	23.20	33	PASS
			RB1#74		22.63	23.03	33	PASS
			RB38#0		21.86	22.26	33	PASS
			RB38#19		21.89	22.29	33	PASS
			RB38#39		21.93	22.33	33	PASS
			RB75#0		21.88	22.28	33	PASS
			HCH	RB1#0	22.66	23.06	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.80	23.20	33	PASS
				RB1#74	22.77	23.17	33	PASS
				RB38#0	21.88	22.28	33	PASS
				RB38#19	21.94	22.34	33	PASS
				RB38#39	21.98	22.38	33	PASS
				RB75#0	21.93	22.33	33	PASS
		20	LCH	RB1#0	22.56	22.96	33	PASS
				RB1#50	22.96	23.36	33	PASS
				RB1#99	22.58	22.98	33	PASS
				RB50#0	21.87	22.27	33	PASS
				RB50#25	21.85	22.25	33	PASS
				RB50#50	21.81	22.21	33	PASS
				RB100#0	21.86	22.26	33	PASS
				MCH	RB1#0	22.52	22.92	33
		RB1#50	22.95		23.35	33	PASS	
		RB1#99	22.52		22.92	33	PASS	
RB50#0	21.83	22.23	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.88	22.28	33	PASS
				RB50#50	21.89	22.29	33	PASS
				RB100#0	21.85	22.25	33	PASS
			HCH	RB1#0	22.47	22.87	33	PASS
				RB1#50	22.94	23.34	33	PASS
				RB1#99	22.55	22.95	33	PASS
				RB50#0	22.01	22.41	33	PASS
				RB50#25	21.89	22.29	33	PASS
				RB50#50	21.93	22.33	33	PASS
				RB100#0	21.99	22.39	33	PASS
			LCH	RB1#0	21.72	22.12	33	PASS
				RB1#3	21.98	22.38	33	PASS
				RB1#5	21.74	22.14	33	PASS
				RB3#0	21.92	22.32	33	PASS
RB3#2	21.95	22.35		33	PASS			
RB3#3	21.93	22.33		33	PASS			
RB6#0	21.00	21.40		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.12	22.52	33	PASS
				RB1#3	22.28	22.68	33	PASS
				RB1#5	22.13	22.53	33	PASS
				RB3#0	21.95	22.35	33	PASS
				RB3#2	21.96	22.36	33	PASS
				RB3#3	21.95	22.35	33	PASS
			RB6#0	20.66	21.06	33	PASS	
			HCH	RB1#0	21.84	22.24	33	PASS
				RB1#3	22.02	22.42	33	PASS
				RB1#5	21.81	22.21	33	PASS
				RB3#0	21.86	22.26	33	PASS
				RB3#2	21.85	22.25	33	PASS
		RB3#3		21.85	22.25	33	PASS	
		3	LCH	RB1#0	22.17	22.57	33	PASS
				RB1#7	22.33	22.73	33	PASS
				RB1#14	22.20	22.60	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.93	21.33	33	PASS
				RB8#4	20.97	21.37	33	PASS
				RB8#7	20.89	21.29	33	PASS
				RB15#0	20.84	21.24	33	PASS
			MCH	RB1#0	21.76	22.16	33	PASS
				RB1#7	21.90	22.30	33	PASS
				RB1#14	21.74	22.14	33	PASS
				RB8#0	20.93	21.33	33	PASS
				RB8#4	21.01	21.41	33	PASS
				RB8#7	20.92	21.32	33	PASS
				RB15#0	20.88	21.28	33	PASS
			HCH	RB1#0	21.82	22.22	33	PASS
				RB1#7	21.95	22.35	33	PASS
				RB1#14	21.76	22.16	33	PASS
				RB8#0	20.87	21.27	33	PASS
				RB8#4	20.92	21.32	33	PASS
				RB8#7	20.87	21.27	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.83	21.23	33	PASS
		5	LCH	RB1#0	22.26	22.66	33	PASS
				RB1#13	22.37	22.77	33	PASS
				RB1#24	22.24	22.64	33	PASS
				RB12#0	20.96	21.36	33	PASS
				RB12#6	20.99	21.39	33	PASS
				RB12#13	20.94	21.34	33	PASS
				RB25#0	20.89	21.29	33	PASS
				MCH	RB1#0	21.92	22.32	33
			RB1#13		22.05	22.45	33	PASS
			RB1#24		21.90	22.30	33	PASS
			RB12#0		20.86	21.26	33	PASS
			RB12#6		20.95	21.35	33	PASS
			RB12#13		20.90	21.30	33	PASS
			RB25#0		20.89	21.29	33	PASS
			HCH	RB1#0	21.79	22.19	33	PASS
		RB1#13		21.96	22.36	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.81	22.21	33	PASS
				RB12#0	20.84	21.24	33	PASS
				RB12#6	20.90	21.30	33	PASS
				RB12#13	20.89	21.29	33	PASS
				RB25#0	20.75	21.15	33	PASS
		10	LCH	RB1#0	22.15	22.55	33	PASS
				RB1#25	22.33	22.73	33	PASS
				RB1#49	22.18	22.58	33	PASS
				RB25#0	20.91	21.31	33	PASS
				RB25#13	20.93	21.33	33	PASS
			MCH	RB25#25	20.97	21.37	33	PASS
				RB50#0	20.90	21.30	33	PASS
				RB1#0	21.70	22.10	33	PASS
				RB1#25	21.91	22.31	33	PASS
				RB1#49	21.76	22.16	33	PASS
				RB25#0	20.92	21.32	33	PASS
				RB25#13	20.93	21.33	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.96	21.36	33	PASS
				RB50#0	20.89	21.29	33	PASS
			HCH	RB1#0	21.76	22.16	33	PASS
				RB1#25	21.94	22.34	33	PASS
				RB1#49	21.80	22.20	33	PASS
				RB25#0	20.99	21.39	33	PASS
				RB25#13	20.96	21.36	33	PASS
				RB25#25	21.01	21.41	33	PASS
				RB50#0	20.93	21.33	33	PASS
		15	LCH	RB1#0	22.04	22.44	33	PASS
				RB1#38	22.20	22.60	33	PASS
				RB1#74	22.10	22.50	33	PASS
				RB38#0	20.87	21.27	33	PASS
				RB38#19	20.97	21.37	33	PASS
				RB38#39	20.93	21.33	33	PASS
				RB75#0	20.94	21.34	33	PASS
			MCH	RB1#0	21.69	22.09	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.83	22.23	33	PASS
				RB1#74	21.67	22.07	33	PASS
				RB38#0	20.81	21.21	33	PASS
				RB38#19	20.86	21.26	33	PASS
				RB38#39	20.88	21.28	33	PASS
				RB75#0	20.89	21.29	33	PASS
			HCH	RB1#0	22.15	22.55	33	PASS
				RB1#38	22.24	22.64	33	PASS
				RB1#74	22.14	22.54	33	PASS
				RB38#0	20.84	21.24	33	PASS
				RB38#19	20.89	21.29	33	PASS
				RB38#39	20.92	21.32	33	PASS
		20	LCH	RB1#0	21.99	22.39	33	PASS
				RB1#50	22.42	22.82	33	PASS
				RB1#99	22.04	22.44	33	PASS
				RB50#0	20.92	21.32	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.91	21.31	33	PASS
				RB50#50	20.90	21.30	33	PASS
				RB100#0	20.86	21.26	33	PASS
			MCH	RB1#0	22.12	22.52	33	PASS
				RB1#50	22.51	22.91	33	PASS
				RB1#99	22.10	22.50	33	PASS
				RB50#0	20.91	21.31	33	PASS
				RB50#25	20.94	21.34	33	PASS
				RB50#50	20.92	21.32	33	PASS
				RB100#0	20.92	21.32	33	PASS
			HCH	RB1#0	21.96	22.36	33	PASS
				RB1#50	22.35	22.75	33	PASS
				RB1#99	21.95	22.35	33	PASS
				RB50#0	20.99	21.39	33	PASS
				RB50#25	20.88	21.28	33	PASS
				RB50#50	20.92	21.32	33	PASS
				RB100#0	21.00	21.40	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	4.76	13	PASS
				RB1#3	4.62	13	PASS
				RB1#5	4.71	13	PASS
				RB3#0	4.43	13	PASS
				RB3#2	4.46	13	PASS
				RB3#3	4.48	13	PASS
				RB6#0	5.49	13	PASS
			MCH	RB1#0	5.17	13	PASS
				RB1#3	5.05	13	PASS
				RB1#5	5.18	13	PASS
				RB3#0	5.08	13	PASS
				RB3#2	5.02	13	PASS
				RB3#3	5.02	13	PASS
				RB6#0	6.06	13	PASS
		HCH	RB1#0	3.95	13	PASS	
			RB1#3	3.65	13	PASS	
			RB1#5	3.77	13	PASS	
			RB3#0	4.16	13	PASS	
			RB3#2	3.98	13	PASS	
			RB3#3	4.02	13	PASS	
			RB6#0	5.05	13	PASS	
		3	LCH	RB1#0	4.66	13	PASS
				RB1#7	4.61	13	PASS
				RB1#14	4.68	13	PASS
				RB8#0	5.31	13	PASS
				RB8#4	5.43	13	PASS
				RB8#7	5.38	13	PASS
				RB15#0	6.16	13	PASS
MCH	RB1#0		4.56	13	PASS		
	RB1#7		4.52	13	PASS		
	RB1#14		4.58	13	PASS		
	RB8#0		6.09	13	PASS		
	RB8#4		6.01	13	PASS		
	RB8#7		5.85	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			HCH	RB15#0	5.62	13	PASS	
				RB1#0	4.10	13	PASS	
				RB1#7	3.85	13	PASS	
				RB1#14	3.69	13	PASS	
				RB8#0	5.70	13	PASS	
				RB8#4	5.55	13	PASS	
				RB8#7	5.55	13	PASS	
				RB15#0	5.64	13	PASS	
		5	LCH	RB1#0	4.71	13	PASS	
				RB1#13	4.63	13	PASS	
				RB1#24	4.71	13	PASS	
				RB12#0	5.63	13	PASS	
				RB12#6	5.57	13	PASS	
				RB12#13	5.75	13	PASS	
				RB25#0	5.94	13	PASS	
			MCH	RB1#0	5.22	13	PASS	
				RB1#13	5.11	13	PASS	
				RB1#24	5.15	13	PASS	
				RB12#0	5.76	13	PASS	
				RB12#6	5.75	13	PASS	
				RB12#13	5.88	13	PASS	
				RB25#0	5.95	13	PASS	
			HCH	RB1#0	4.49	13	PASS	
				RB1#13	4.20	13	PASS	
				RB1#24	3.91	13	PASS	
				RB12#0	5.54	13	PASS	
				RB12#6	5.46	13	PASS	
				RB12#13	5.43	13	PASS	
				RB25#0	5.73	13	PASS	
			10	LCH	RB1#0	4.72	13	PASS
					RB1#25	4.56	13	PASS
					RB1#49	4.81	13	PASS
		RB25#0			6.01	13	PASS	
		RB25#13			5.76	13	PASS	
		RB25#25			5.89	13	PASS	
		RB50#0			5.92	13	PASS	
		MCH		RB1#0	4.65	13	PASS	
				RB1#25	4.54	13	PASS	
				RB1#49	4.58	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#0	5.99	13	PASS	
				RB25#13	6.02	13	PASS	
				RB25#25	5.89	13	PASS	
				RB50#0	6.44	13	PASS	
			HCH	RB1#0	4.43	13	PASS	
				RB1#25	4.20	13	PASS	
				RB1#49	3.79	13	PASS	
				RB25#0	6.05	13	PASS	
				RB25#13	5.88	13	PASS	
				RB25#25	5.71	13	PASS	
			RB50#0	6.29	13	PASS		
			15	LCH	RB1#0	4.74	13	PASS
					RB1#38	4.75	13	PASS
		RB1#74			4.94	13	PASS	
		RB38#0			5.93	13	PASS	
		RB38#19			5.99	13	PASS	
		RB38#39			6.13	13	PASS	
		RB75#0			6.48	13	PASS	
		MCH		RB1#0	4.69	13	PASS	
				RB1#38	4.60	13	PASS	
				RB1#74	4.61	13	PASS	
				RB38#0	6.18	13	PASS	
				RB38#19	6.20	13	PASS	
				RB38#39	6.14	13	PASS	
		RB75#0	6.85	13	PASS			
		HCH	RB1#0	4.26	13	PASS		
			RB1#38	4.18	13	PASS		
			RB1#74	3.80	13	PASS		
			RB38#0	5.88	13	PASS		
			RB38#19	5.84	13	PASS		
			RB38#39	5.70	13	PASS		
			RB75#0	6.18	13	PASS		
		20	LCH	RB1#0	4.67	13	PASS	
RB1#50	4.54			13	PASS			
RB1#99	4.79			13	PASS			
RB50#0	5.99			13	PASS			
RB50#25	6.14			13	PASS			
RB50#50	6.23			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	5.03	13	PASS
				RB1#50	4.83	13	PASS
				RB1#99	4.94	13	PASS
				RB50#0	6.31	13	PASS
				RB50#25	6.35	13	PASS
				RB50#50	6.25	13	PASS
				RB100#0	6.27	13	PASS
			HCH	RB1#0	4.77	13	PASS
				RB1#50	4.49	13	PASS
				RB1#99	4.26	13	PASS
				RB50#0	6.08	13	PASS
				RB50#25	6.11	13	PASS
				RB50#50	5.97	13	PASS
				RB100#0	6.49	13	PASS
	LCH	RB1#0	5.34	13	PASS		
		RB1#3	5.24	13	PASS		
		RB1#5	5.32	13	PASS		
		RB3#0	5.66	13	PASS		
		RB3#2	5.63	13	PASS		
		RB3#3	5.62	13	PASS		
		RB6#0	6.35	13	PASS		
		MCH	RB1#0	5.71	13	PASS	
			RB1#3	5.56	13	PASS	
			RB1#5	5.69	13	PASS	
			RB3#0	6.05	13	PASS	
			RB3#2	6.01	13	PASS	
			RB3#3	6.03	13	PASS	
			RB6#0	6.33	13	PASS	
	HCH	RB1#0	5.02	13	PASS		
		RB1#3	4.82	13	PASS		
		RB1#5	4.87	13	PASS		
		RB3#0	4.94	13	PASS		
RB3#2		4.80	13	PASS			
RB3#3		4.84	13	PASS			
RB6#0		5.70	13	PASS			
LCH	RB1#0	5.26	13	PASS			
	RB1#7	5.18	13	PASS			
	RB1#14	5.24	13	PASS			
	RB8#0	6.54	13	PASS			
		3					



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	6.57	13	PASS	
				RB15#0	6.30	13	PASS	
			MCH	RB1#0	5.96	13	PASS	
				RB1#7	5.85	13	PASS	
				RB1#14	5.96	13	PASS	
				RB8#0	6.53	13	PASS	
				RB8#4	6.44	13	PASS	
				RB8#7	6.36	13	PASS	
				RB15#0	6.37	13	PASS	
				HCH	RB1#0	5.20	13	PASS
					RB1#7	4.94	13	PASS
			RB1#14		4.86	13	PASS	
			RB8#0		6.14	13	PASS	
			RB8#4		5.86	13	PASS	
			RB8#7		5.83	13	PASS	
			RB15#0		6.63	13	PASS	
			5	LCH	RB1#0	4.63	13	PASS
		RB1#13			4.61	13	PASS	
		RB1#24			4.66	13	PASS	
		RB12#0			6.23	13	PASS	
		RB12#6			6.18	13	PASS	
		RB12#13			6.35	13	PASS	
		RB25#0			6.98	13	PASS	
		MCH		RB1#0	5.87	13	PASS	
				RB1#13	5.74	13	PASS	
				RB1#24	5.79	13	PASS	
				RB12#0	6.82	13	PASS	
				RB12#6	6.68	13	PASS	
				RB12#13	6.67	13	PASS	
				RB25#0	7.11	13	PASS	
		HCH	RB1#0	5.41	13	PASS		
			RB1#13	5.14	13	PASS		
			RB1#24	4.88	13	PASS		
			RB12#0	6.36	13	PASS		
			RB12#6	6.16	13	PASS		
			RB12#13	6.08	13	PASS		
			RB25#0	6.89	13	PASS		
		10	LCH	RB1#0	5.35	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
		15		RB1#25	5.21	13	PASS	
				RB1#49	5.41	13	PASS	
				RB25#0	6.77	13	PASS	
				RB25#13	6.65	13	PASS	
				RB25#25	6.81	13	PASS	
				RB50#0	7.25	13	PASS	
			MCH	RB1#0	6.03	13	PASS	
				RB1#25	5.88	13	PASS	
				RB1#49	5.91	13	PASS	
				RB25#0	7.38	13	PASS	
				RB25#13	7.32	13	PASS	
				RB25#25	7.40	13	PASS	
			HCH	RB50#0	7.38	13	PASS	
				RB1#0	5.50	13	PASS	
				RB1#25	5.31	13	PASS	
				RB1#49	4.94	13	PASS	
				RB25#0	7.00	13	PASS	
				RB25#13	6.98	13	PASS	
			15	LCH	RB25#25	6.76	13	PASS
					RB50#0	6.87	13	PASS
					RB1#0	5.36	13	PASS
		RB1#38			5.36	13	PASS	
		RB1#74			5.54	13	PASS	
		RB38#0			7.07	13	PASS	
		MCH		RB38#19	7.07	13	PASS	
				RB38#39	7.17	13	PASS	
				RB75#0	6.89	13	PASS	
				RB1#0	6.09	13	PASS	
				RB1#38	5.95	13	PASS	
				RB1#74	5.96	13	PASS	
		HCH	RB38#0	7.42	13	PASS		
			RB38#19	7.33	13	PASS		
			RB38#39	7.34	13	PASS		
RB75#0	7.40		13	PASS				
RB1#0	5.75		13	PASS				
			HCH	RB1#38	5.65	13	PASS	
			HCH	RB1#74	5.12	13	PASS	
			HCH	RB38#0	7.07	13	PASS	
			HCH	RB38#19	6.99	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#39	6.92	13	PASS	
				RB75#0	6.99	13	PASS	
		20	LCH	RB1#0	6.03	13	PASS	
				RB1#50	5.68	13	PASS	
				RB1#99	6.20	13	PASS	
				RB50#0	7.18	13	PASS	
				RB50#25	7.10	13	PASS	
				RB50#50	7.28	13	PASS	
				RB100#0	7.05	13	PASS	
				MCH	RB1#0	4.84	13	PASS
					RB1#50	4.71	13	PASS
			RB1#99		4.78	13	PASS	
			RB50#0		7.47	13	PASS	
			RB50#25		7.40	13	PASS	
			RB50#50		7.39	13	PASS	
			HCH	RB100#0	7.52	13	PASS	
				RB1#0	5.58	13	PASS	
				RB1#50	5.28	13	PASS	
				RB1#99	5.06	13	PASS	
				RB50#0	6.94	13	PASS	
		RB50#25		7.01	13	PASS		
				RB50#50	7.00	13	PASS	
				RB100#0	7.05	13	PASS	



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

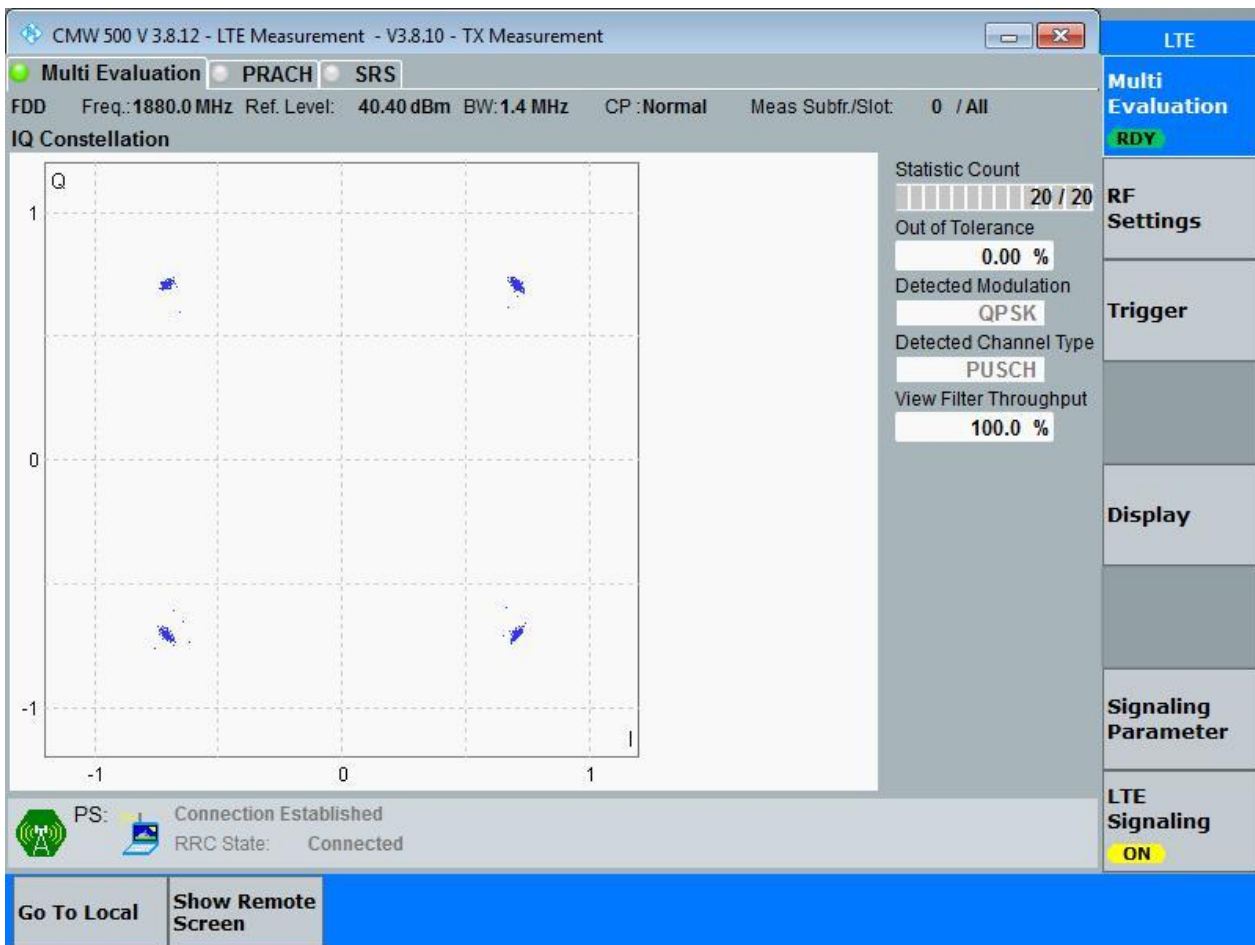
##### 3.1.1 Test Band = Band2

##### 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

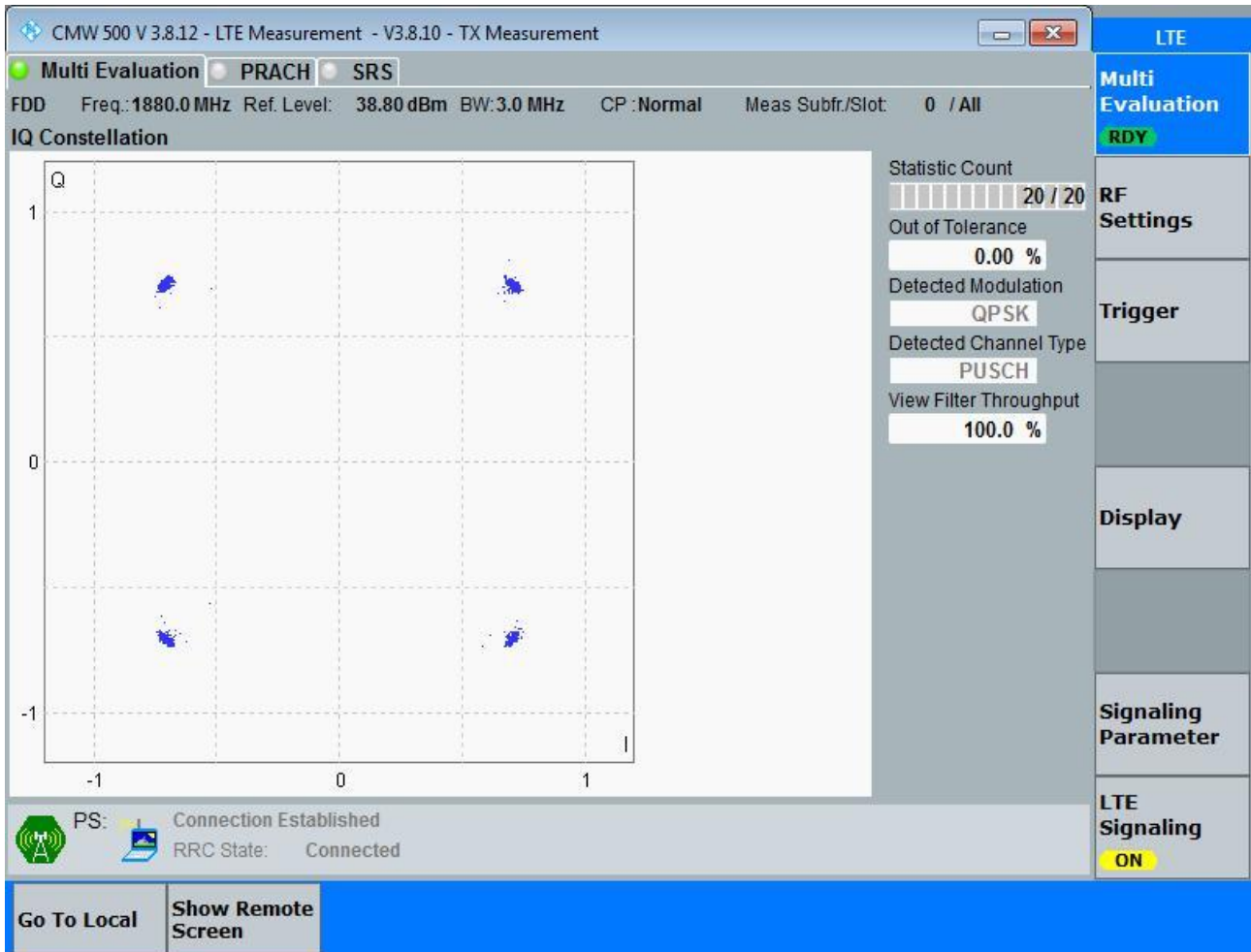
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3MHz

#### 3.1.1.1.2.1 Test Channel = MCH

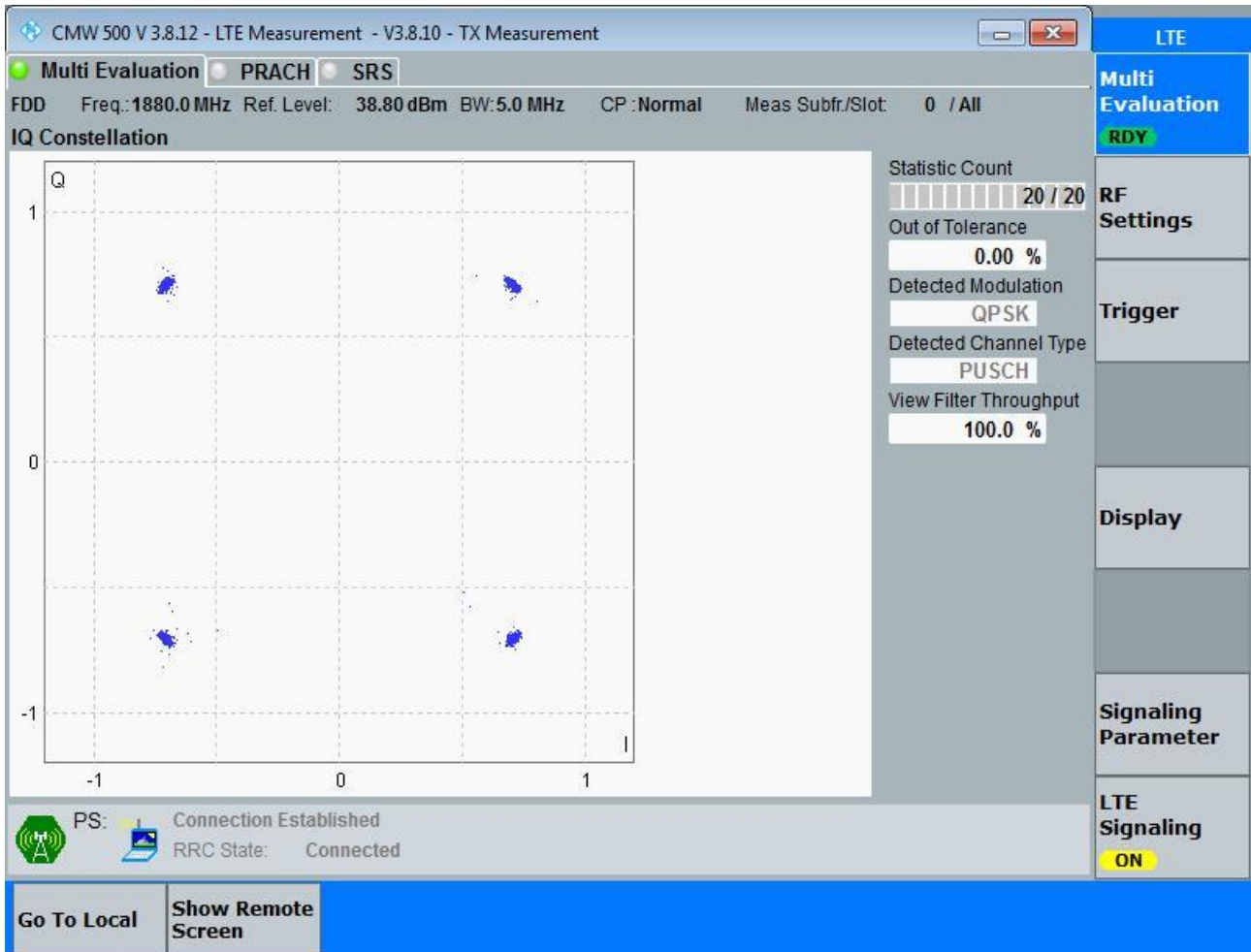
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5MHz

#### 3.1.1.1.3.1 Test Channel = MCH

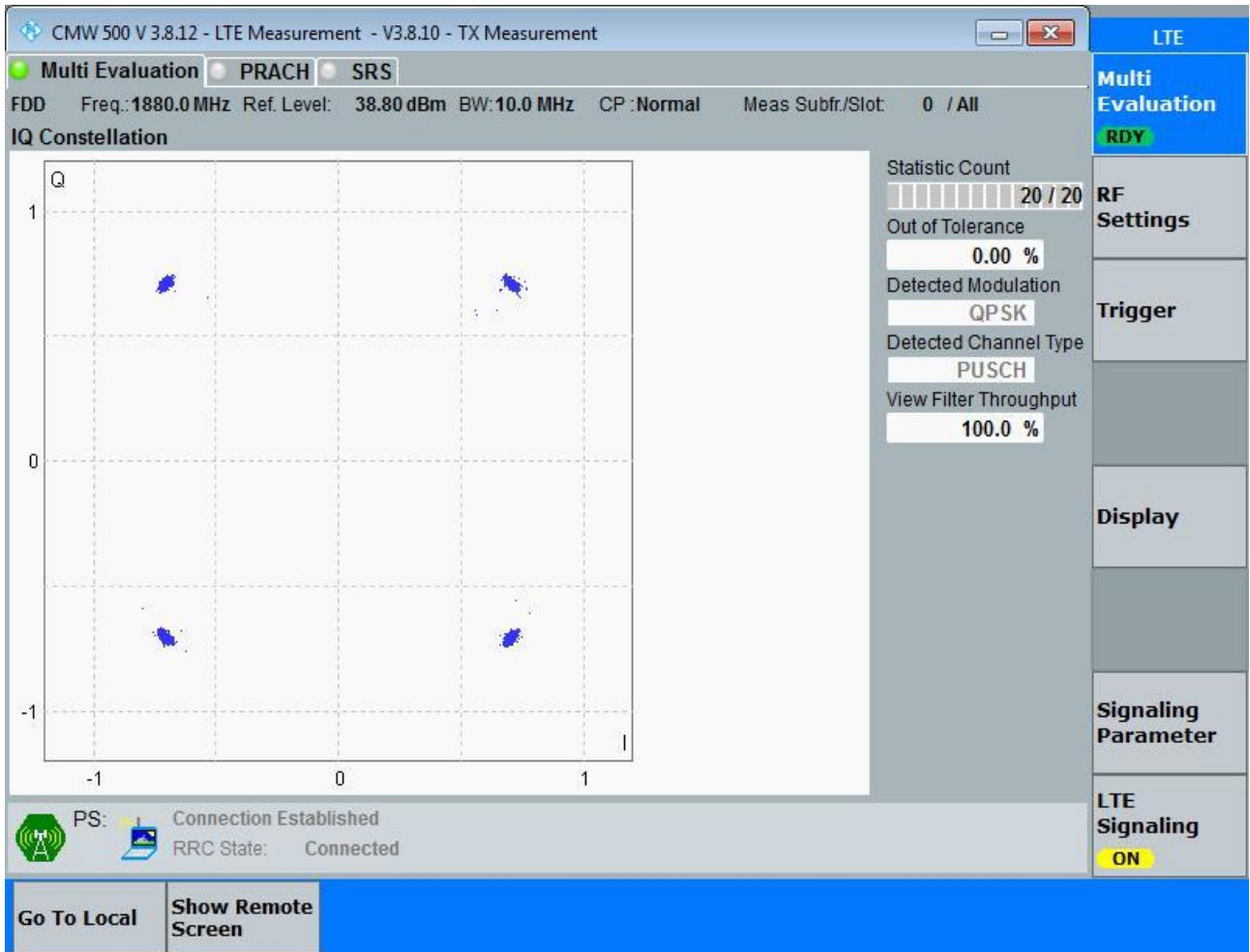
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10MHz

#### 3.1.1.1.4.1 Test Channel = MCH

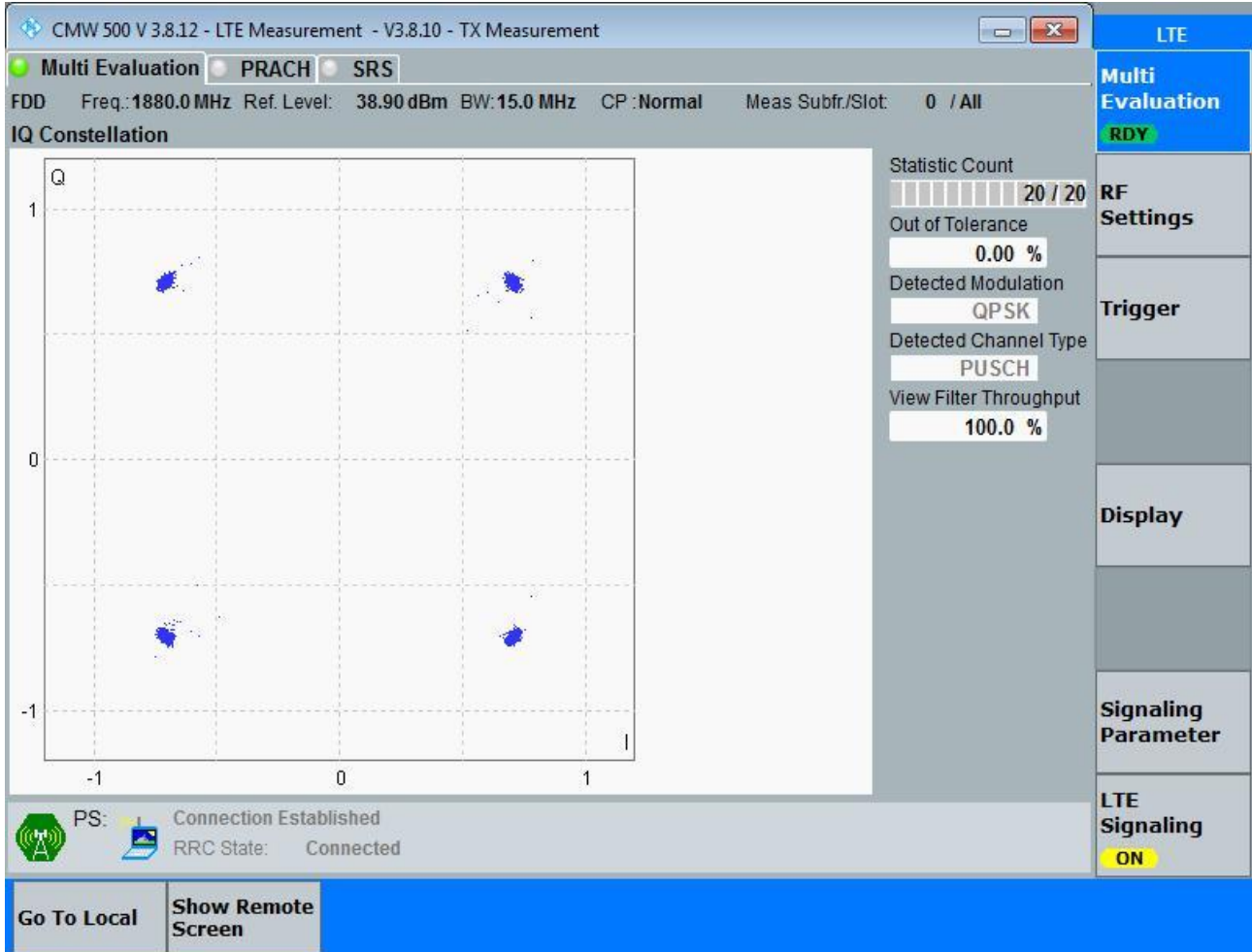
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15MHz

#### 3.1.1.1.5.1 Test Channel = MCH

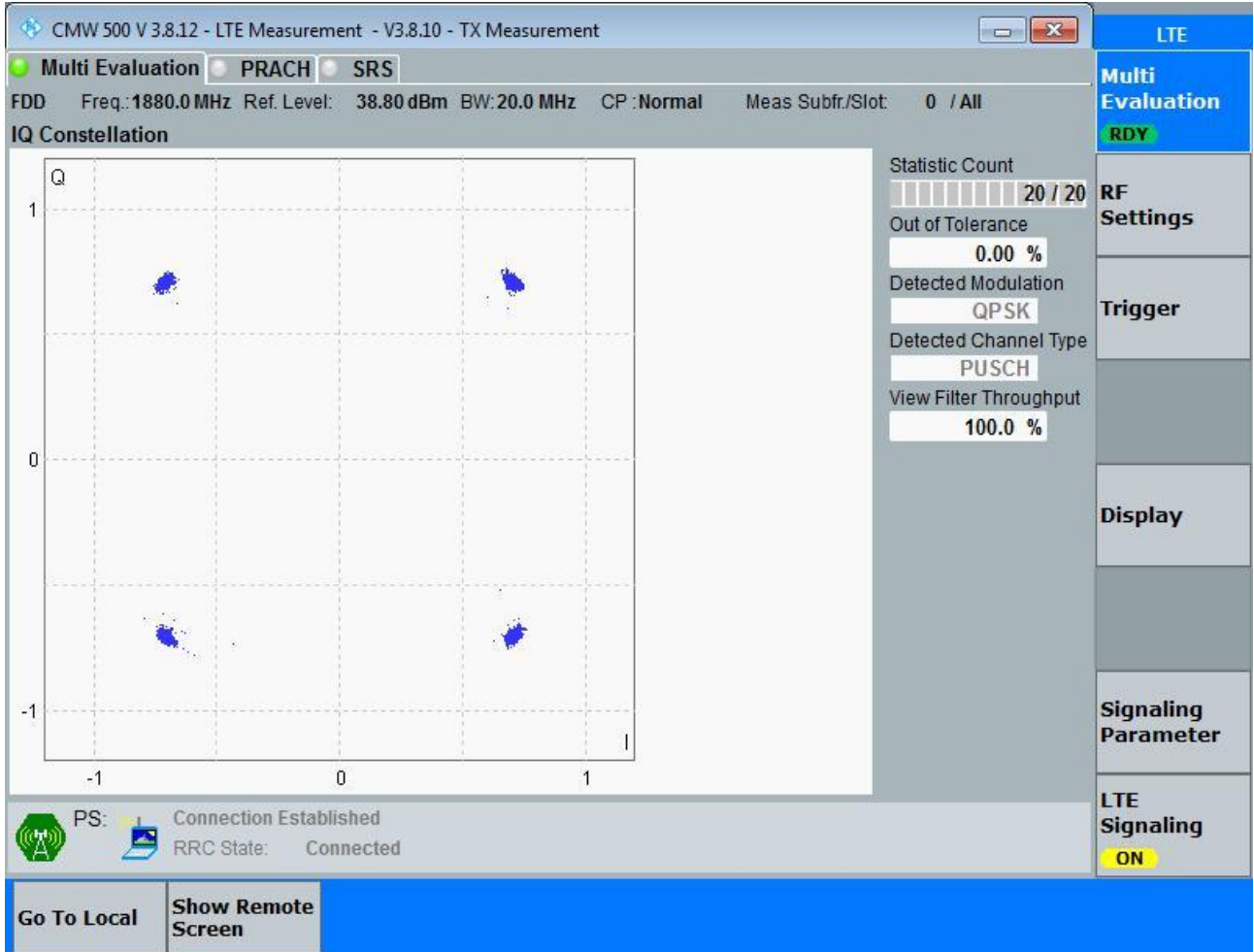
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

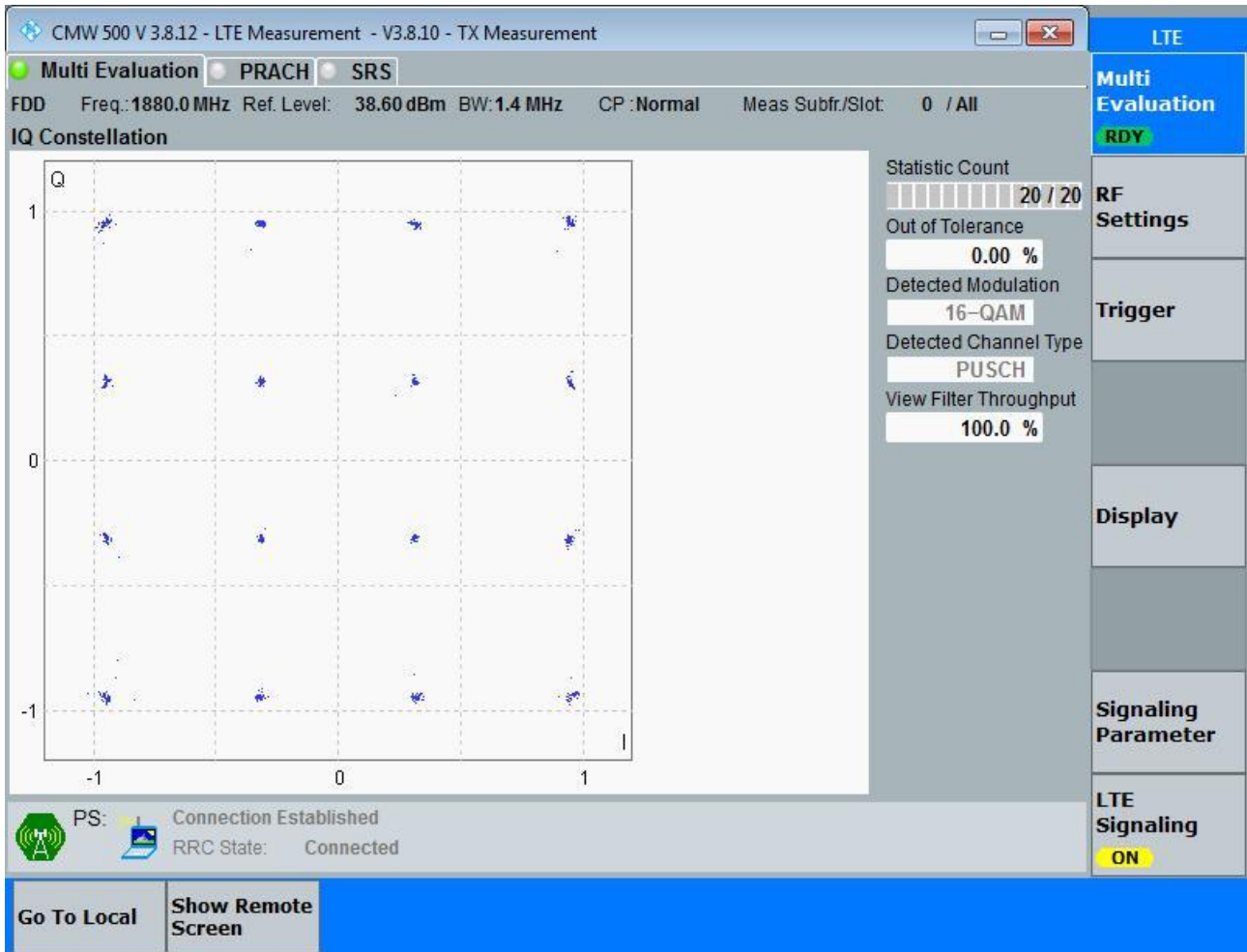


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4MHz

3.1.1.2.1.1 Test Channel = MCH

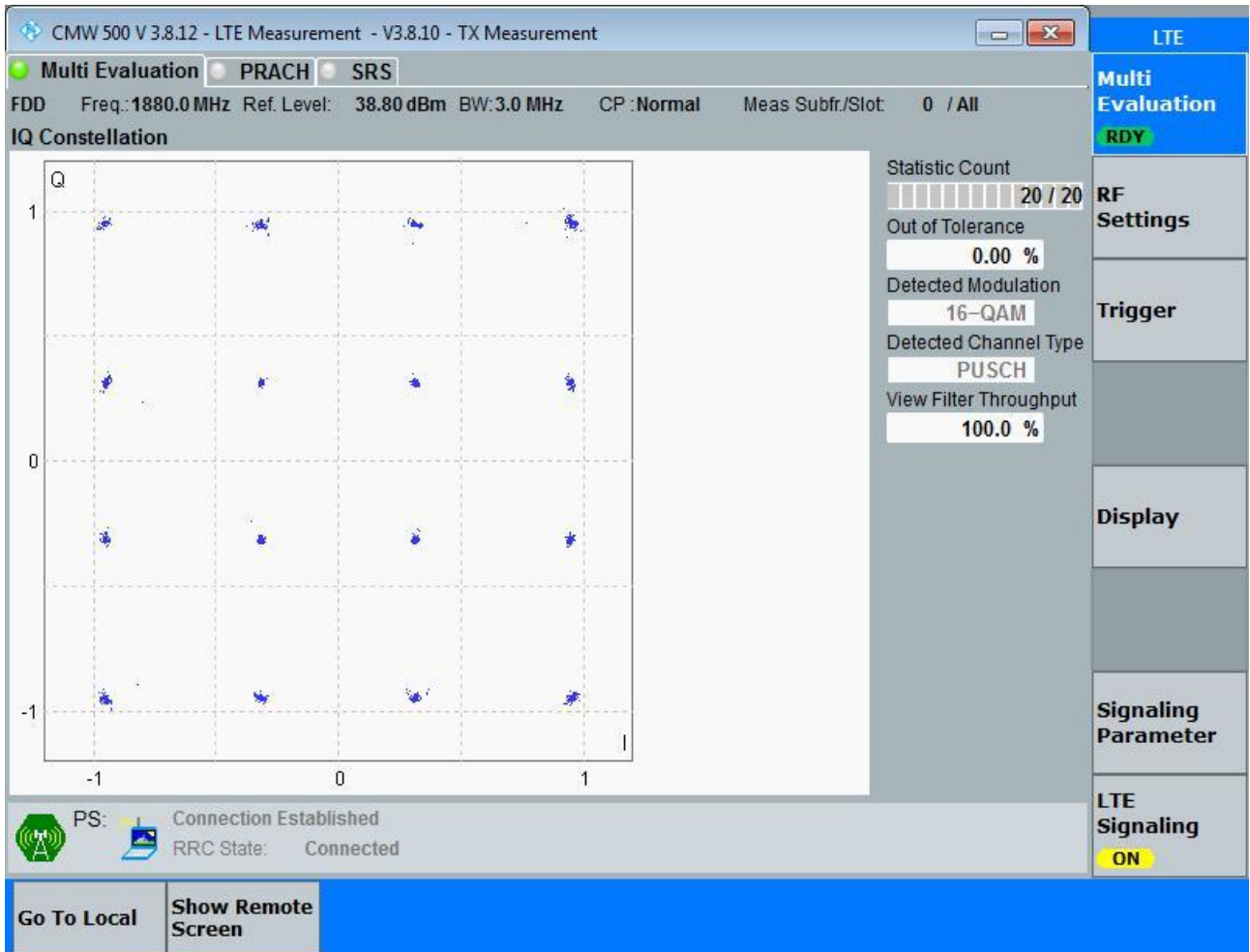
3.1.1.2.1.1.1 Test RB = RB6#0



### 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

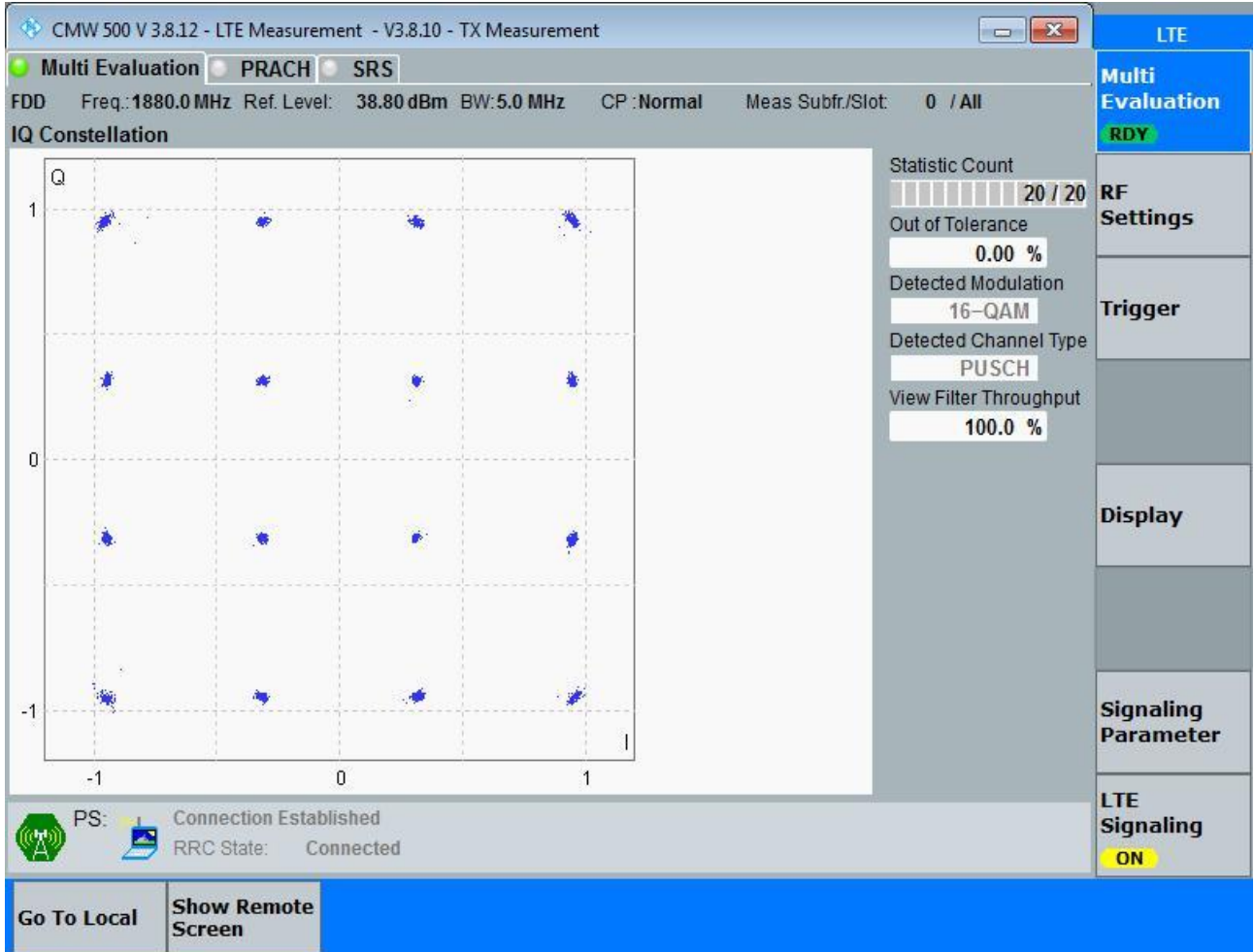




### 3.1.1.2.3 Test Bandwidth = 5MHz

#### 3.1.1.2.3.1 Test Channel = MCH

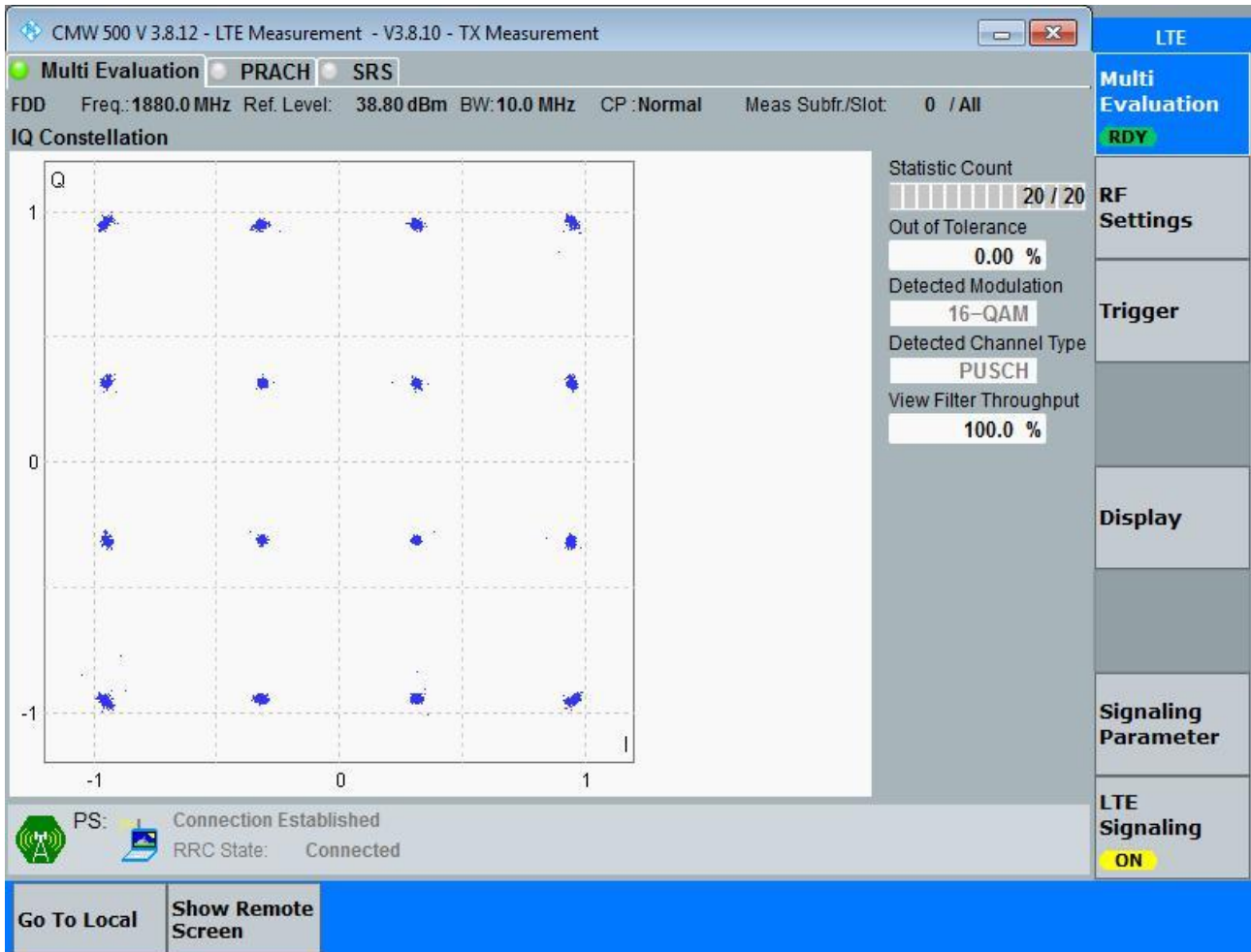
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10MHz

#### 3.1.1.2.4.1 Test Channel = MCH

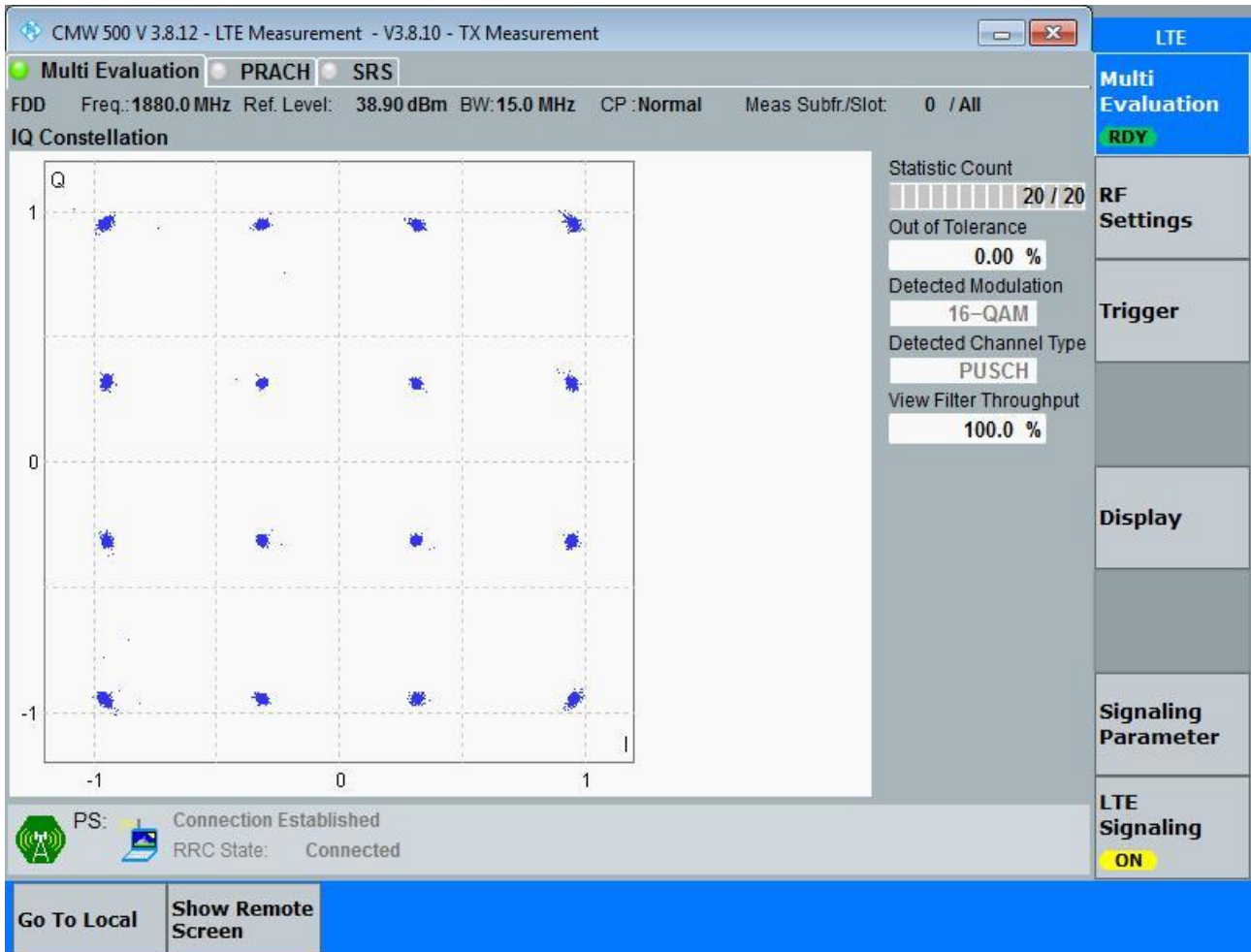
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15MHz

#### 3.1.1.2.5.1 Test Channel = MCH

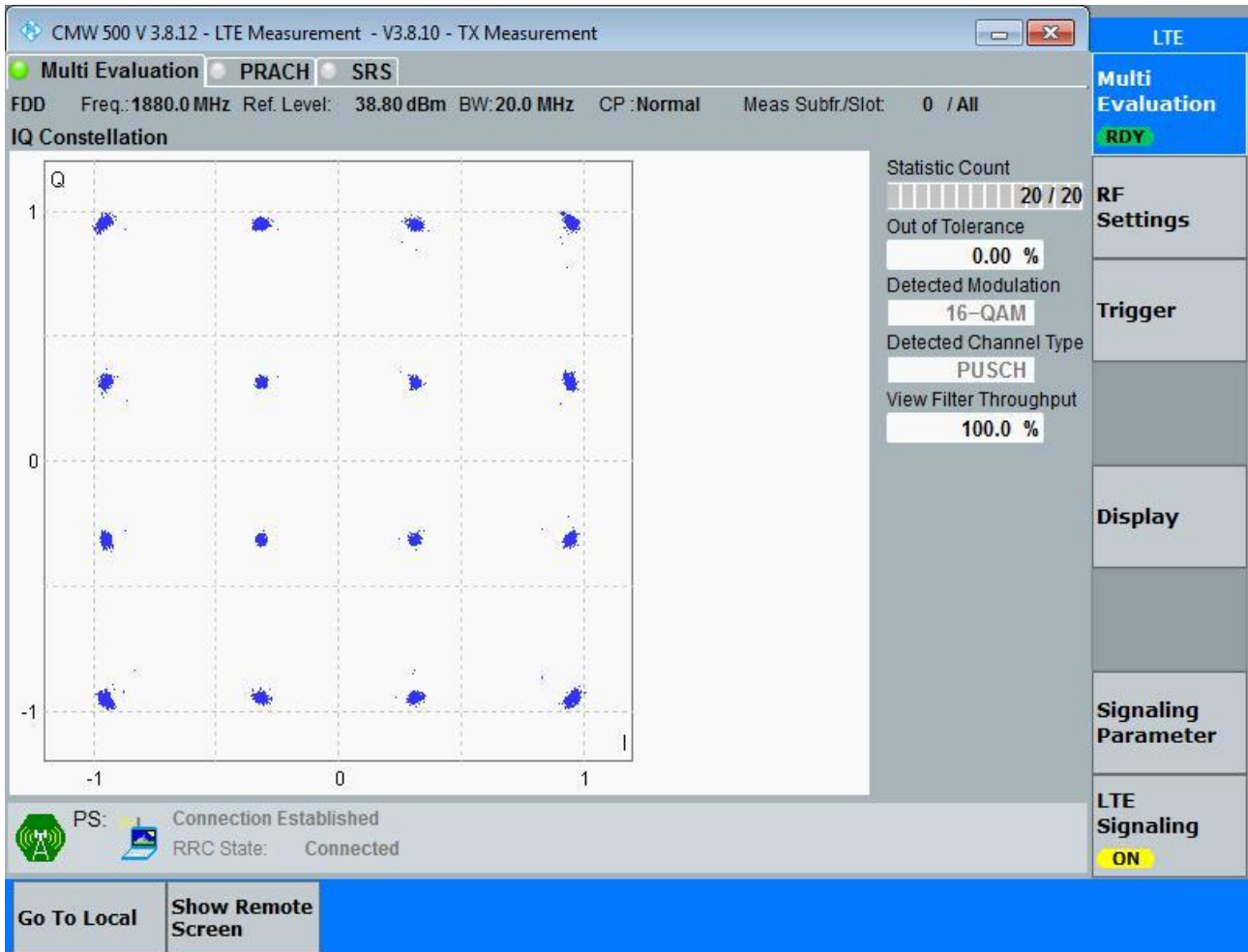
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	1.29	Pass
			MCH	RB6#0	1.09	1.30	Pass
			HCH	RB6#0	1.09	1.28	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.69	2.94	Pass
			HCH	RB15#0	2.69	2.93	Pass
		5	LCH	RB25#0	4.50	4.93	Pass
			MCH	RB25#0	4.53	4.97	Pass
			HCH	RB25#0	4.51	4.92	Pass
		10	LCH	RB50#0	8.98	10.00	Pass
			MCH	RB50#0	8.99	9.85	Pass
			HCH	RB50#0	9.01	9.80	Pass
	15	LCH	RB75#0	13.44	15.46	Pass	
		MCH	RB75#0	13.47	14.59	Pass	
		HCH	RB75#0	13.48	14.58	Pass	
	20	LCH	RB100#0	17.95	19.32	Pass	
		MCH	RB100#0	17.97	19.37	Pass	
		HCH	RB100#0	17.97	19.35	Pass	
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.28	Pass
			MCH	RB6#0	1.10	1.31	Pass
			HCH	RB6#0	1.09	1.30	Pass
		3	LCH	RB15#0	2.69	2.93	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.69	2.93	Pass
5		LCH	RB25#0	4.50	4.93	Pass	
		MCH	RB25#0	4.50	5.74	Pass	
		HCH	RB25#0	4.48	4.89	Pass	
10		LCH	RB50#0	8.99	9.93	Pass	
		MCH	RB50#0	9.00	9.76	Pass	
		HCH	RB50#0	9.02	9.79	Pass	
15	LCH	RB75#0	13.50	15.94	Pass		
	MCH	RB75#0	13.49	14.53	Pass		
	HCH	RB75#0	13.47	14.57	Pass		
20	LCH	RB100#0	17.96	19.35	Pass		



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	17.95	19.19	Pass
			HCH	RB100#0	17.98	19.44	Pass

## Part II - Test Plots

### 4.1 For LTE

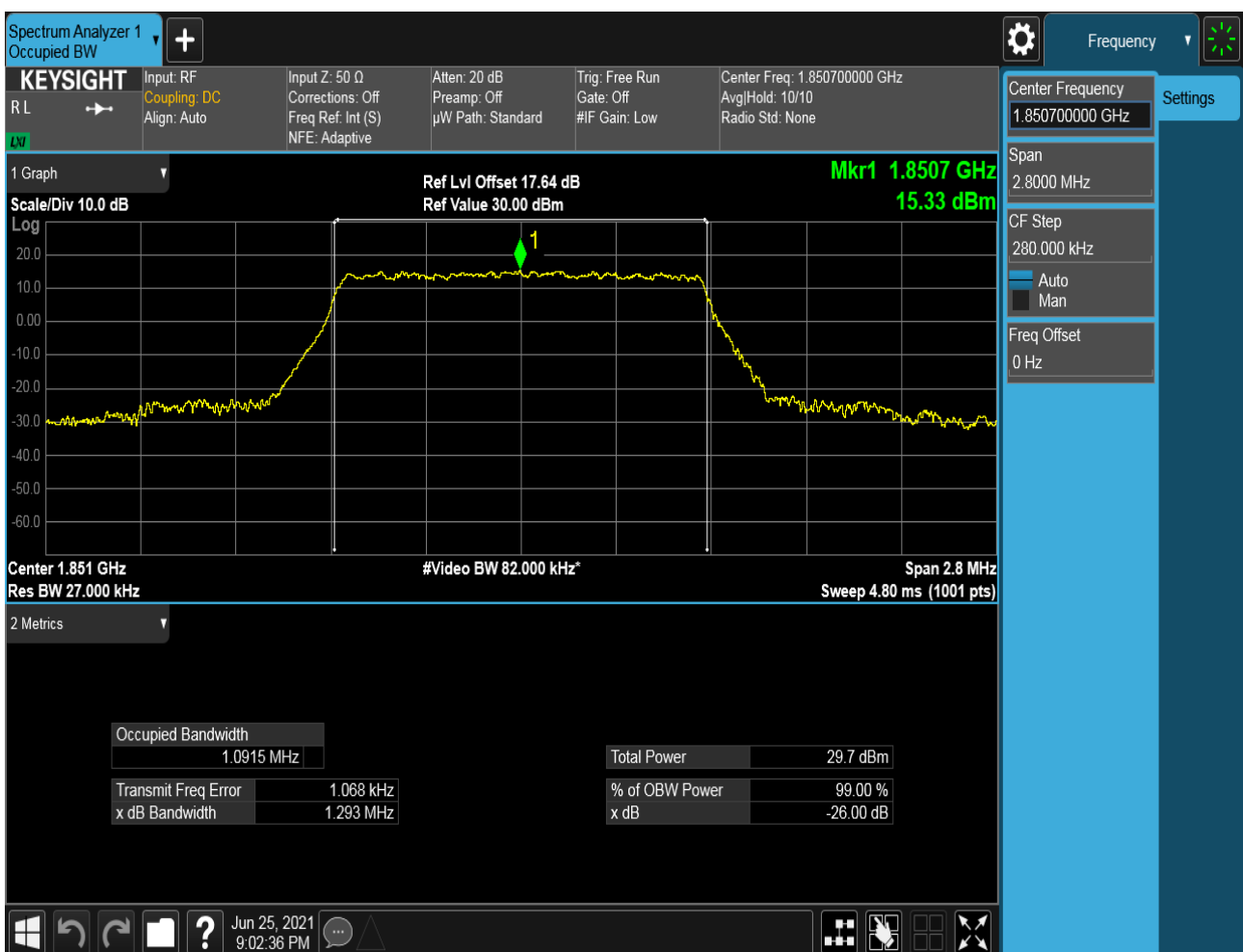
#### 4.1.1 Test Band = Band2

##### 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

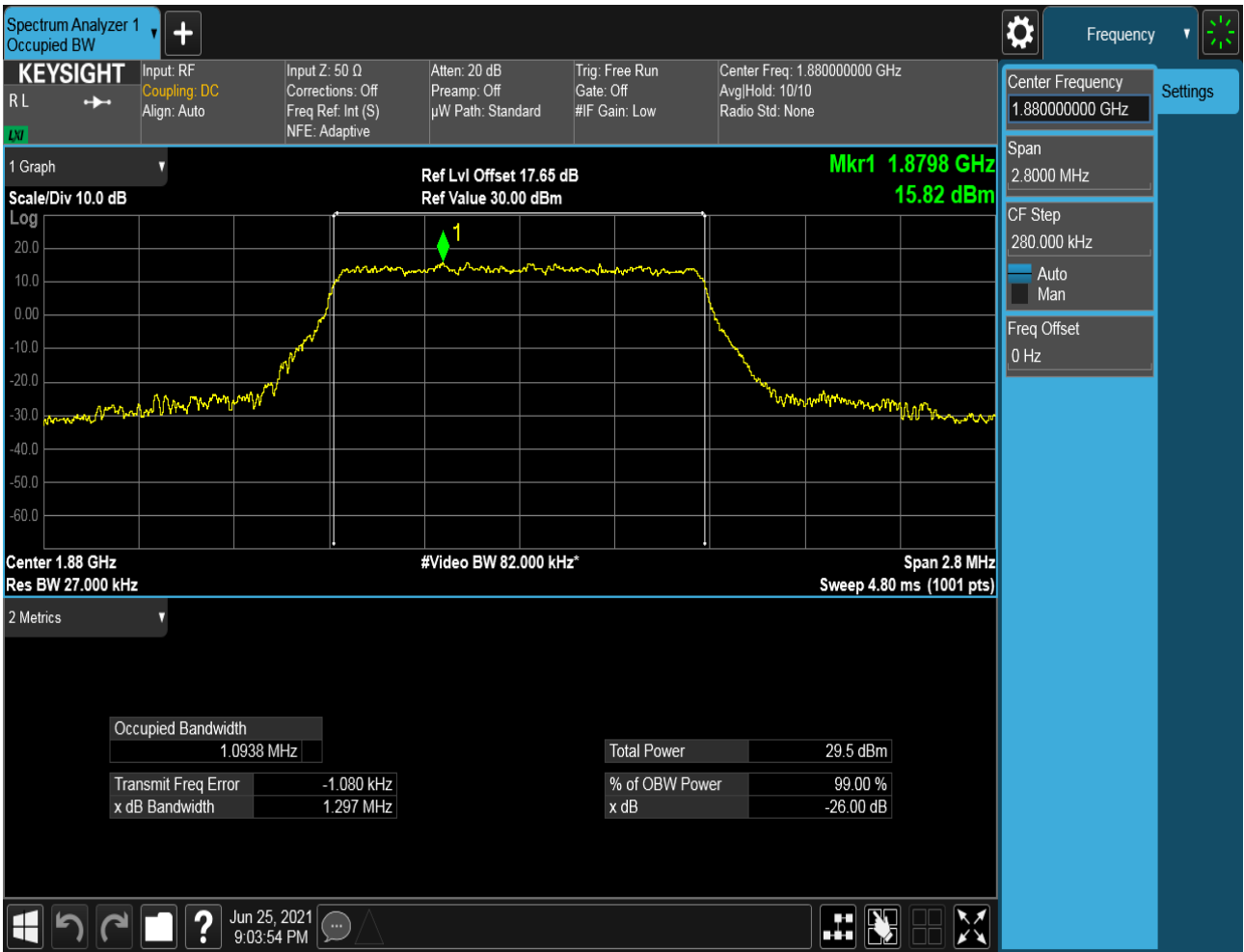
##### 4.1.1.1.1.1.1 Test RB = RB6#0





### 4.1.1.1.1.2 Test Channel = MCH

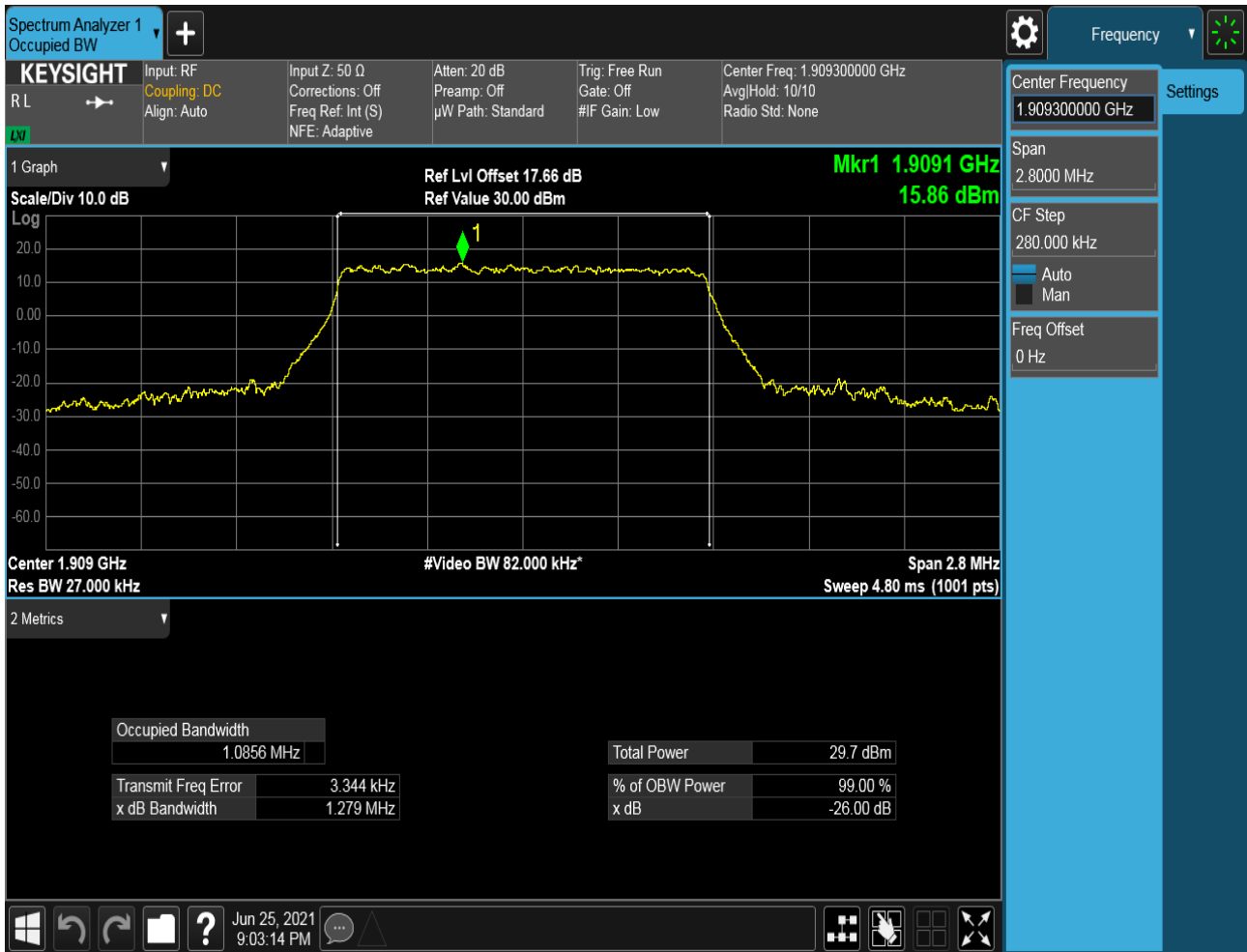
#### 4.1.1.1.1.2.1 Test RB = RB6#0





## 4.1.1.1.1.3 Test Channel = HCH

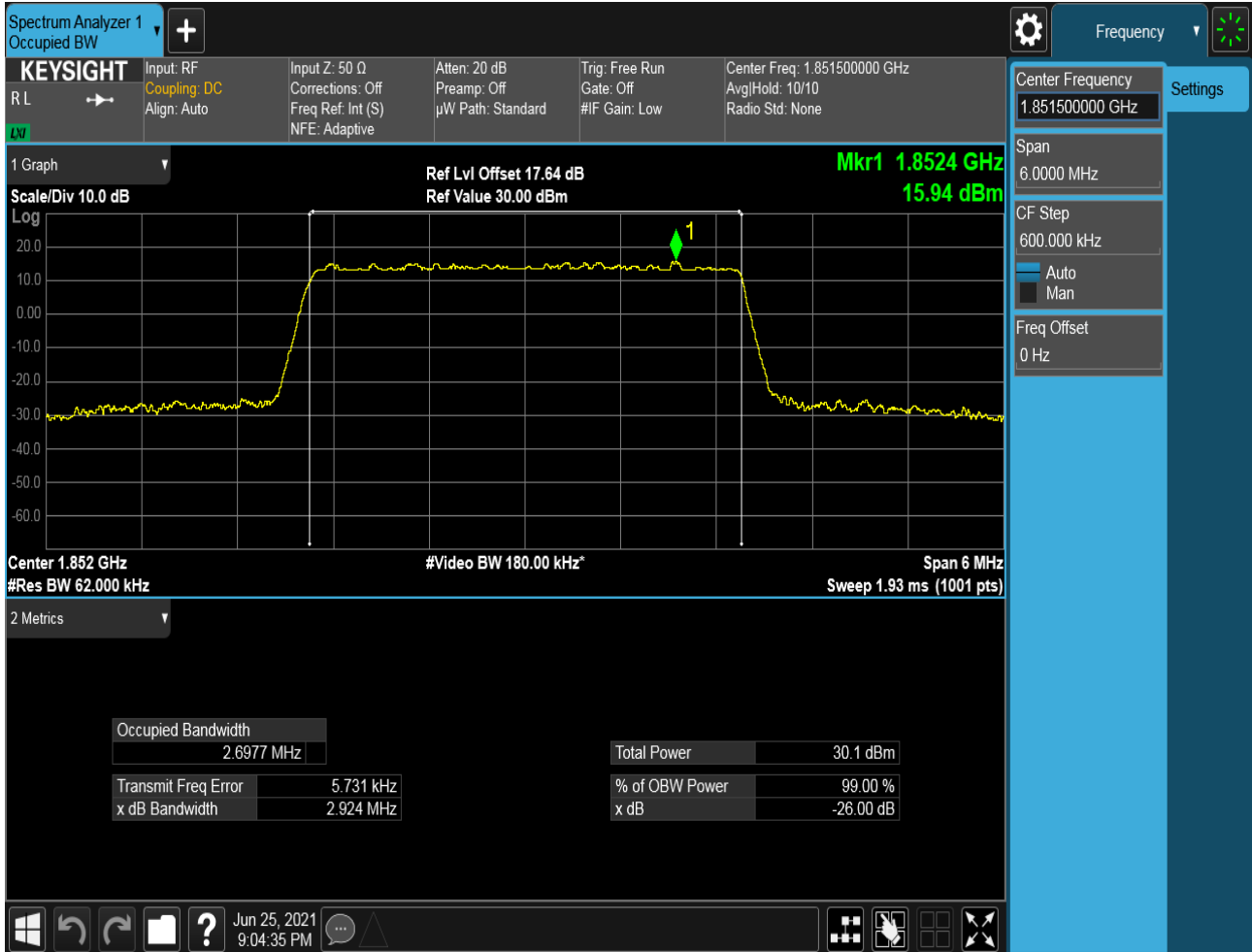
## 4.1.1.1.1.3.1 Test RB = RB6#0



#### 4.1.1.1.2 Test Bandwidth = 3MHz

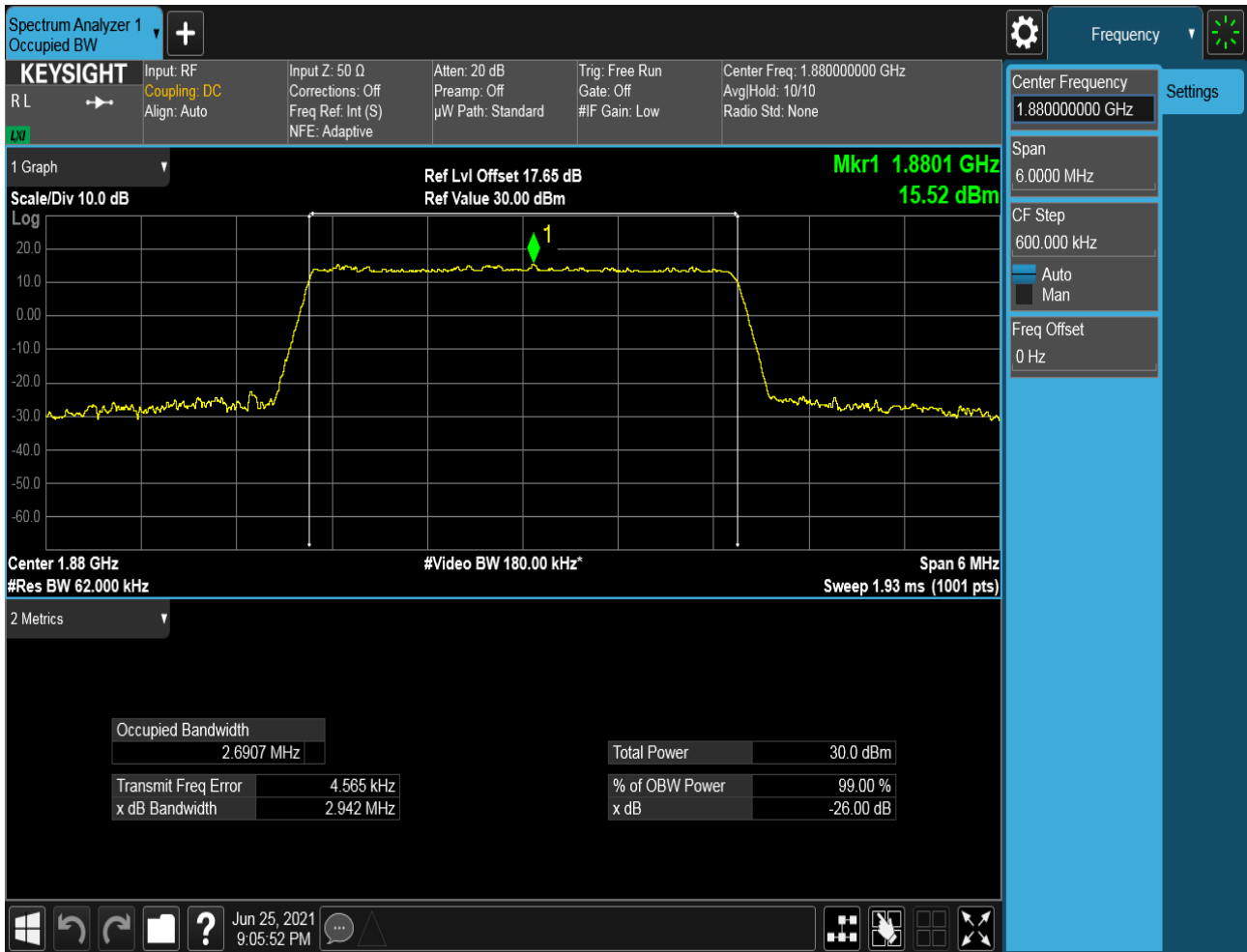
##### 4.1.1.1.2.1 Test Channel = LCH

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



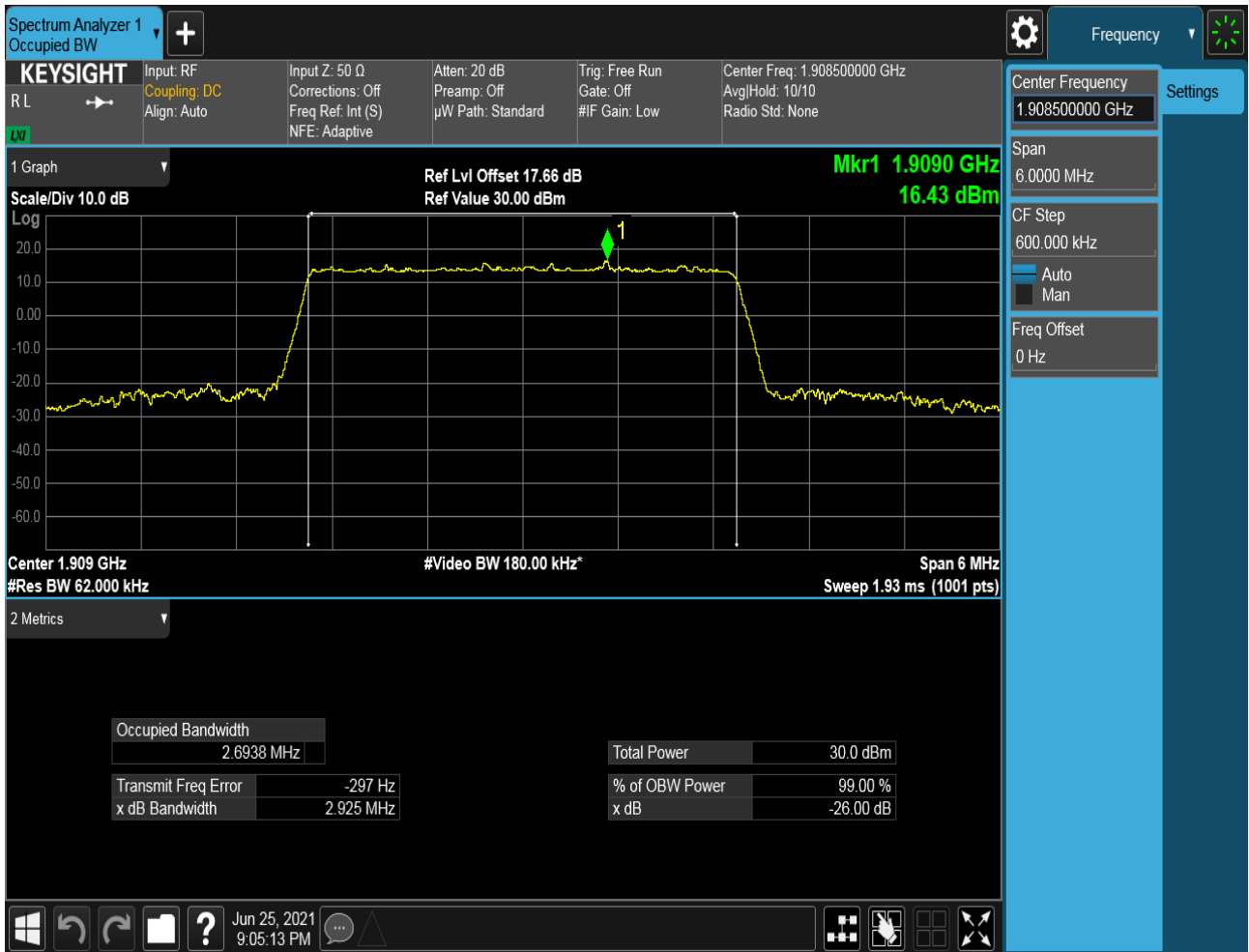
## 4.1.1.1.2.2 Test Channel = MCH

## 4.1.1.1.2.2.1 Test RB = RB15#0



## 4.1.1.1.2.3 Test Channel = HCH

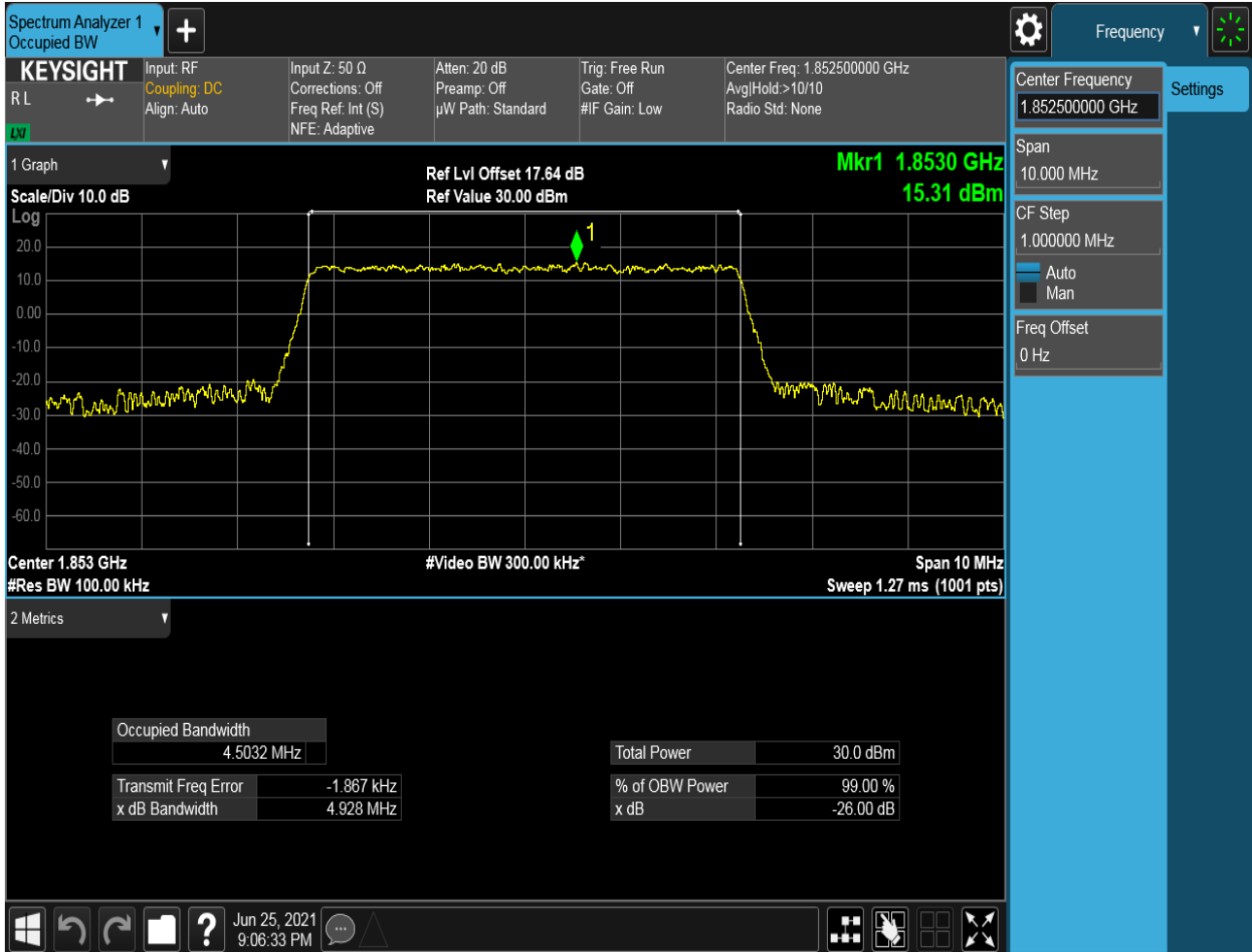
## 4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5MHz

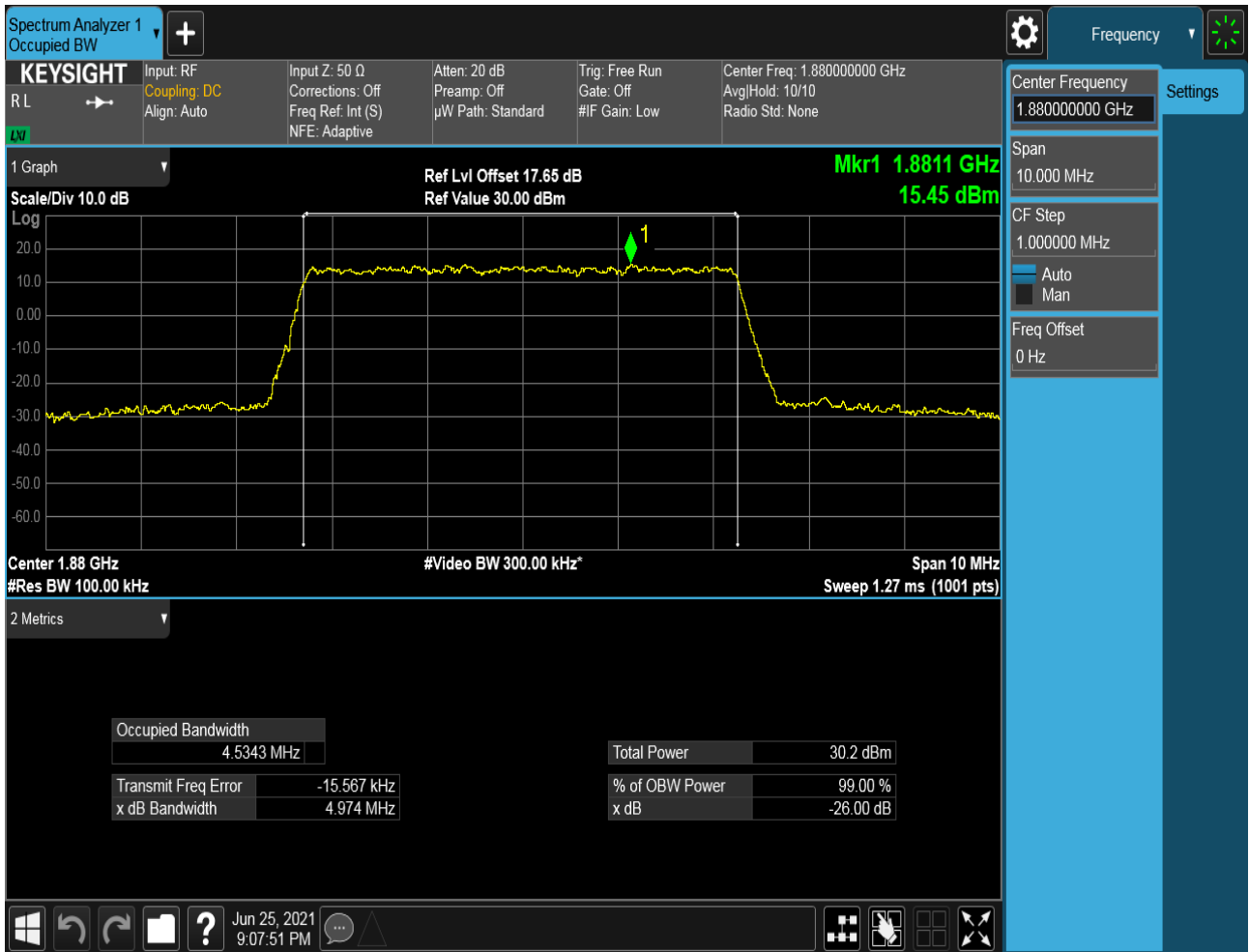
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



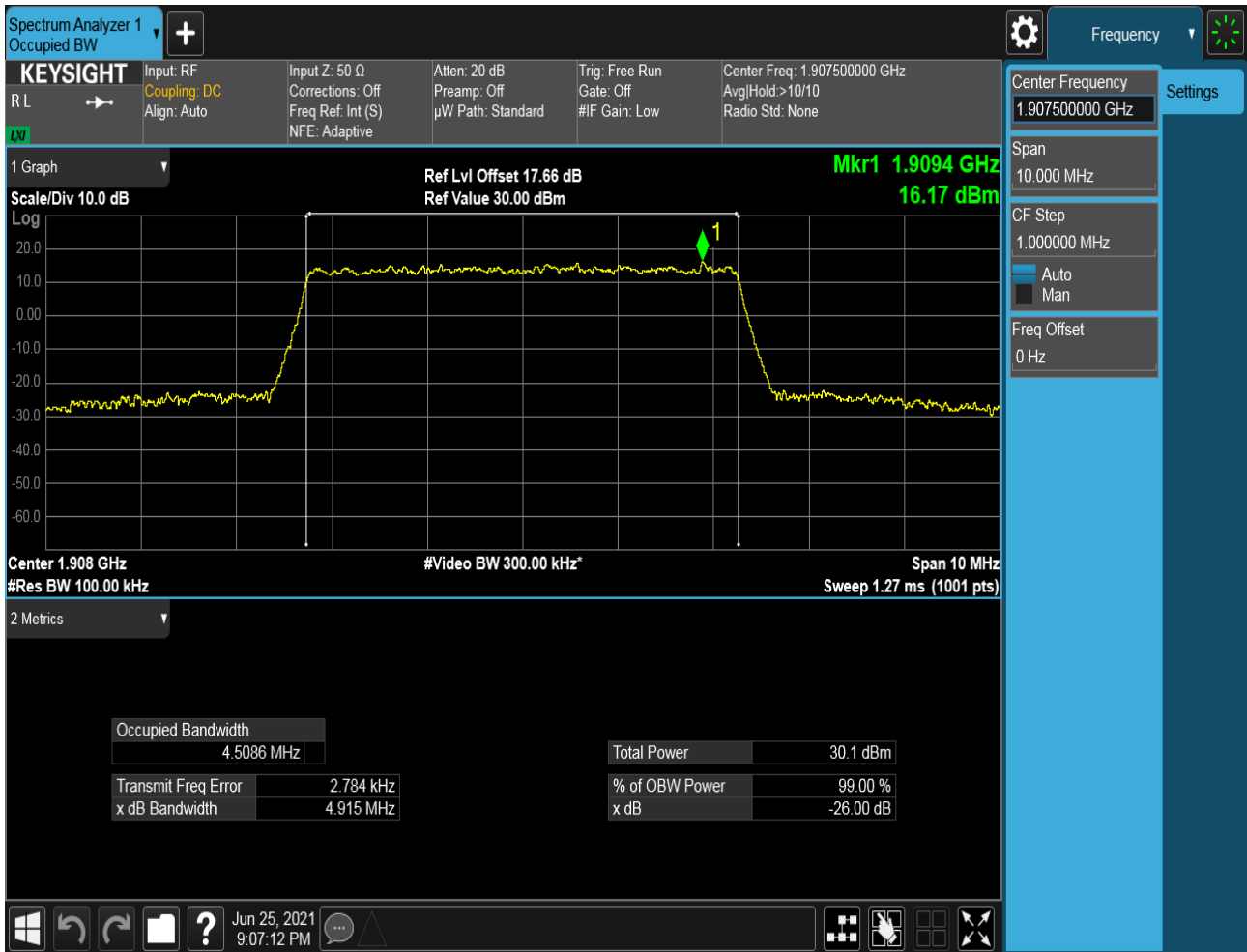
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



## 4.1.1.1.3.3 Test Channel = HCH

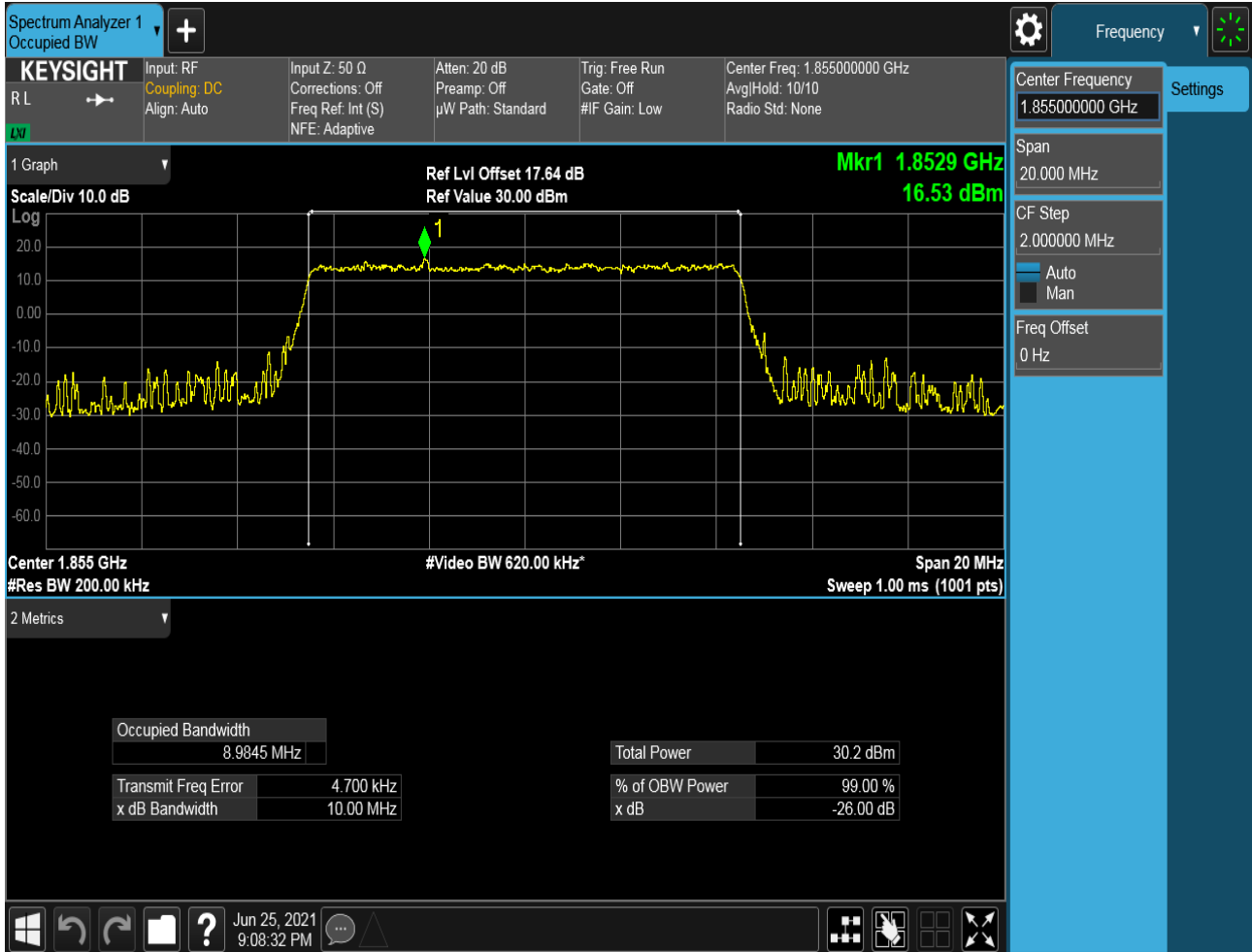
## 4.1.1.1.3.3.1 Test RB = RB25#0



#### 4.1.1.1.4 Test Bandwidth = 10MHz

##### 4.1.1.1.4.1 Test Channel = LCH

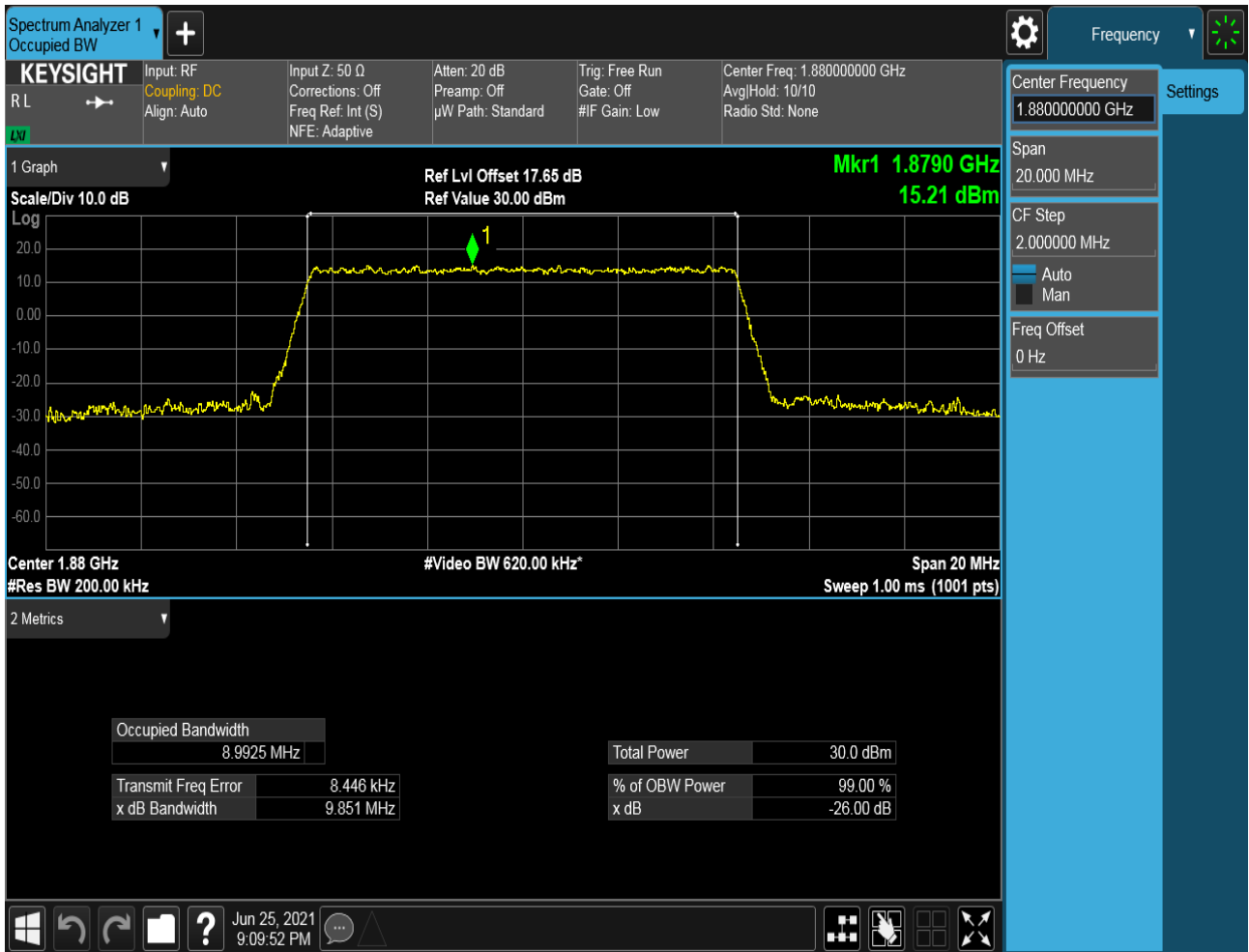
##### 4.1.1.1.4.1.1 Test RB = RB50#0





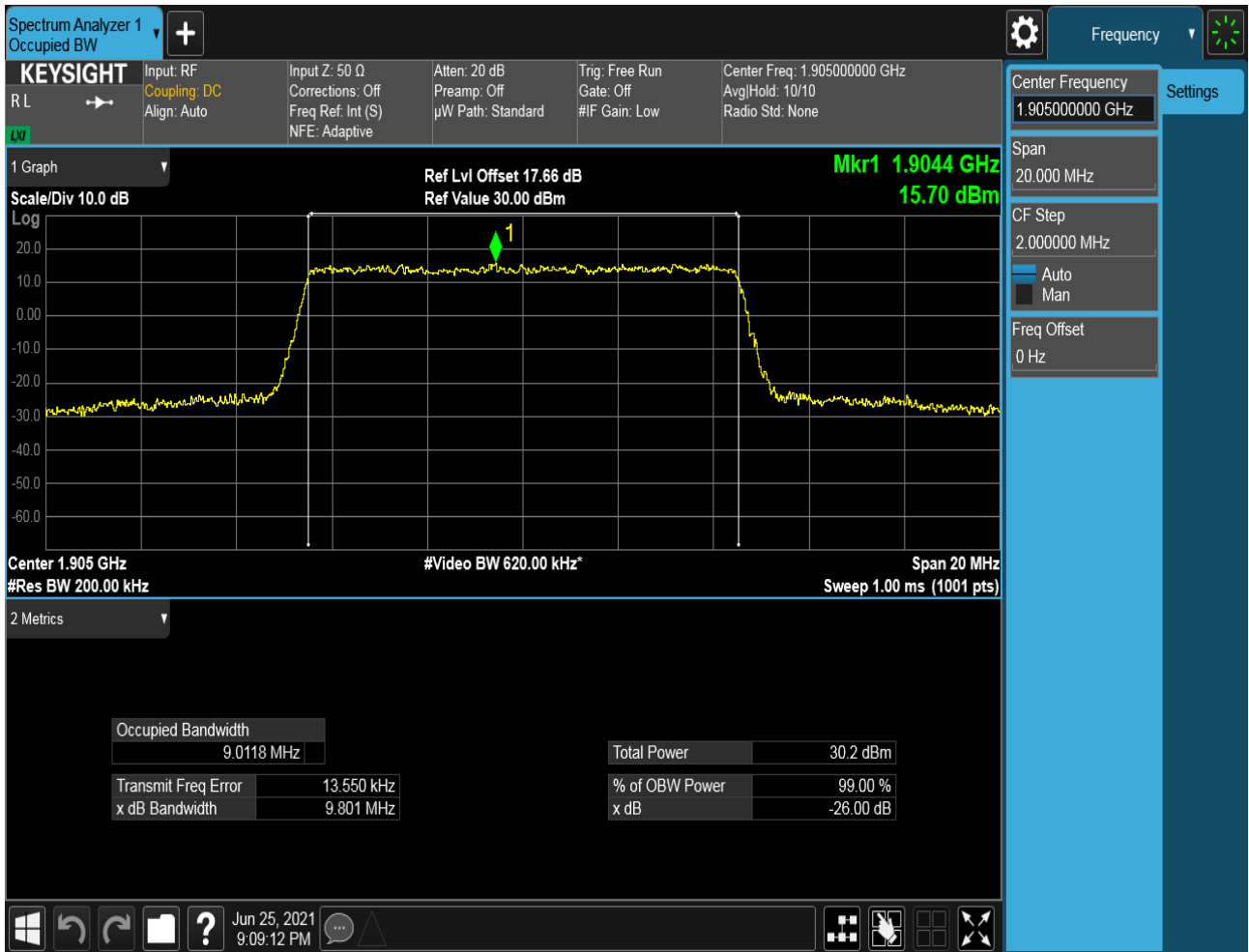
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



## 4.1.1.1.4.3 Test Channel = HCH

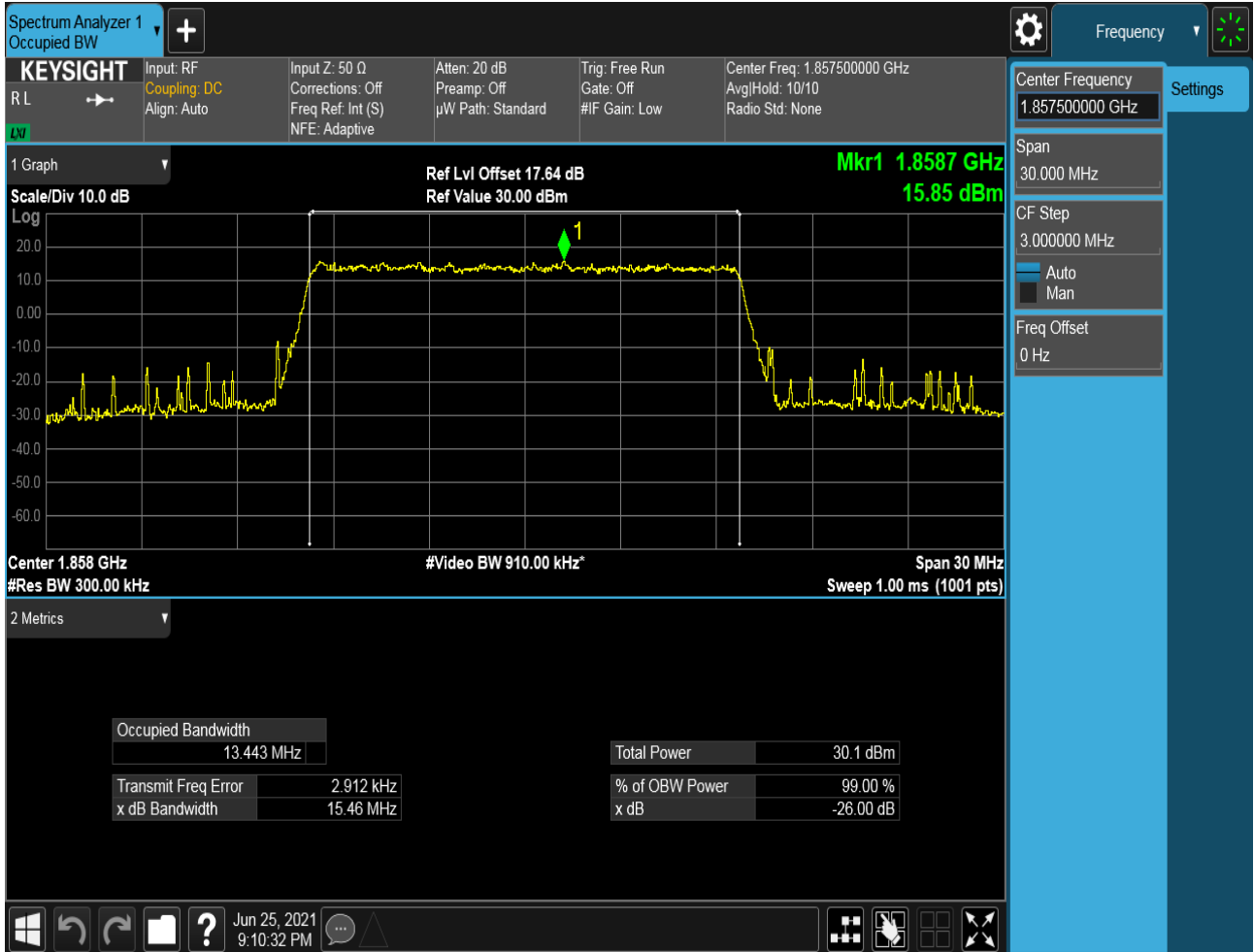
## 4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15MHz

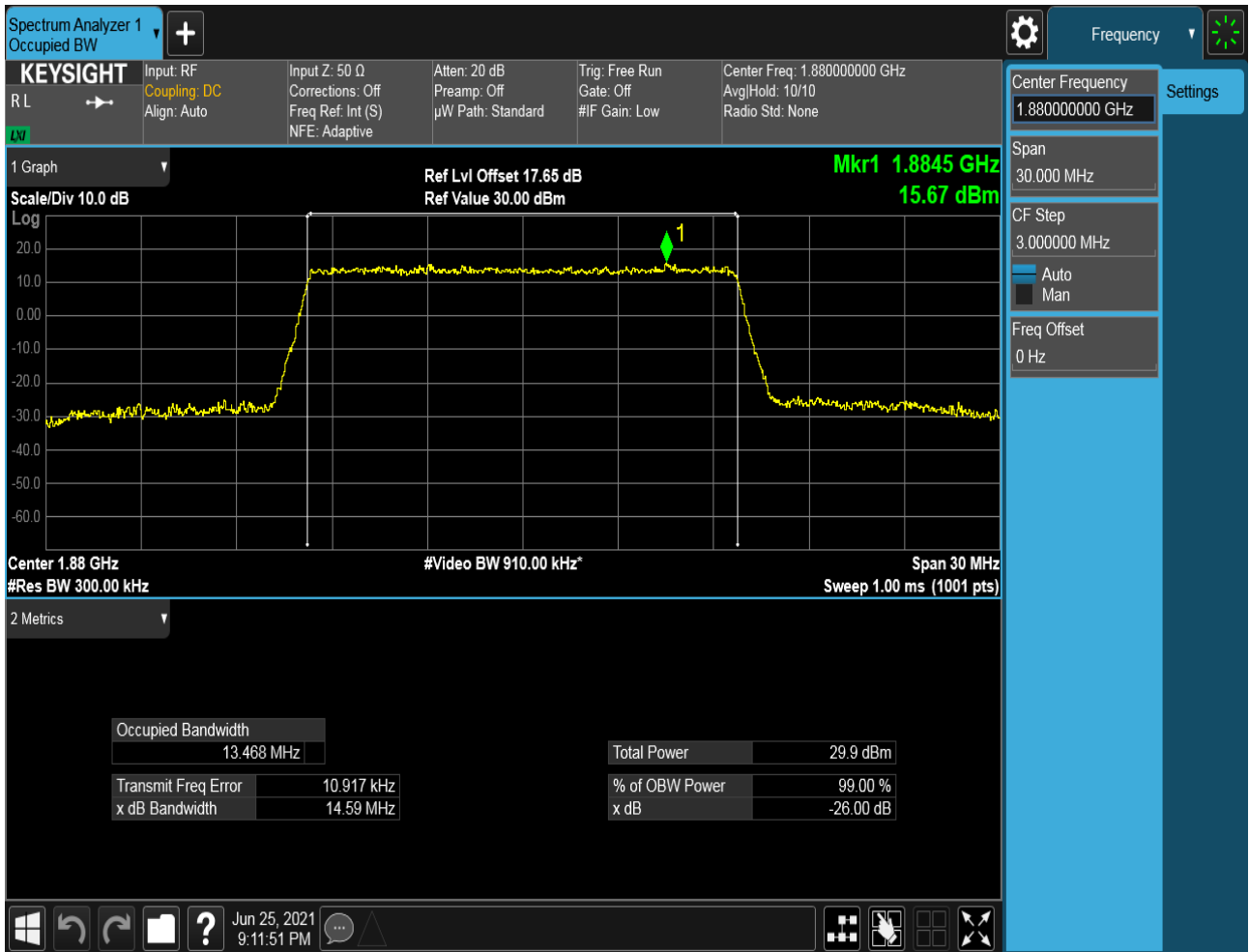
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



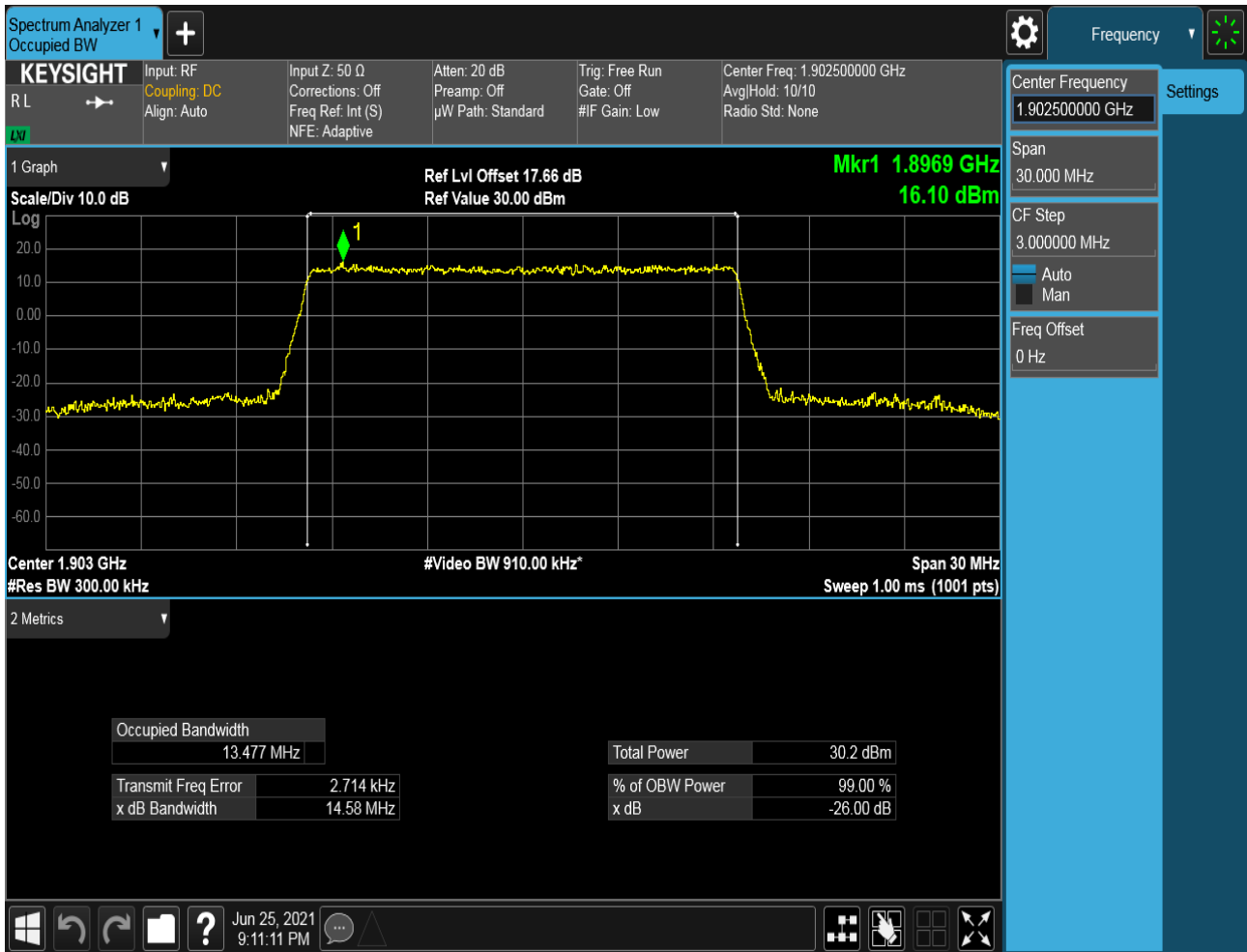
4.1.1.1.5.2 Test Channel = MCH

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

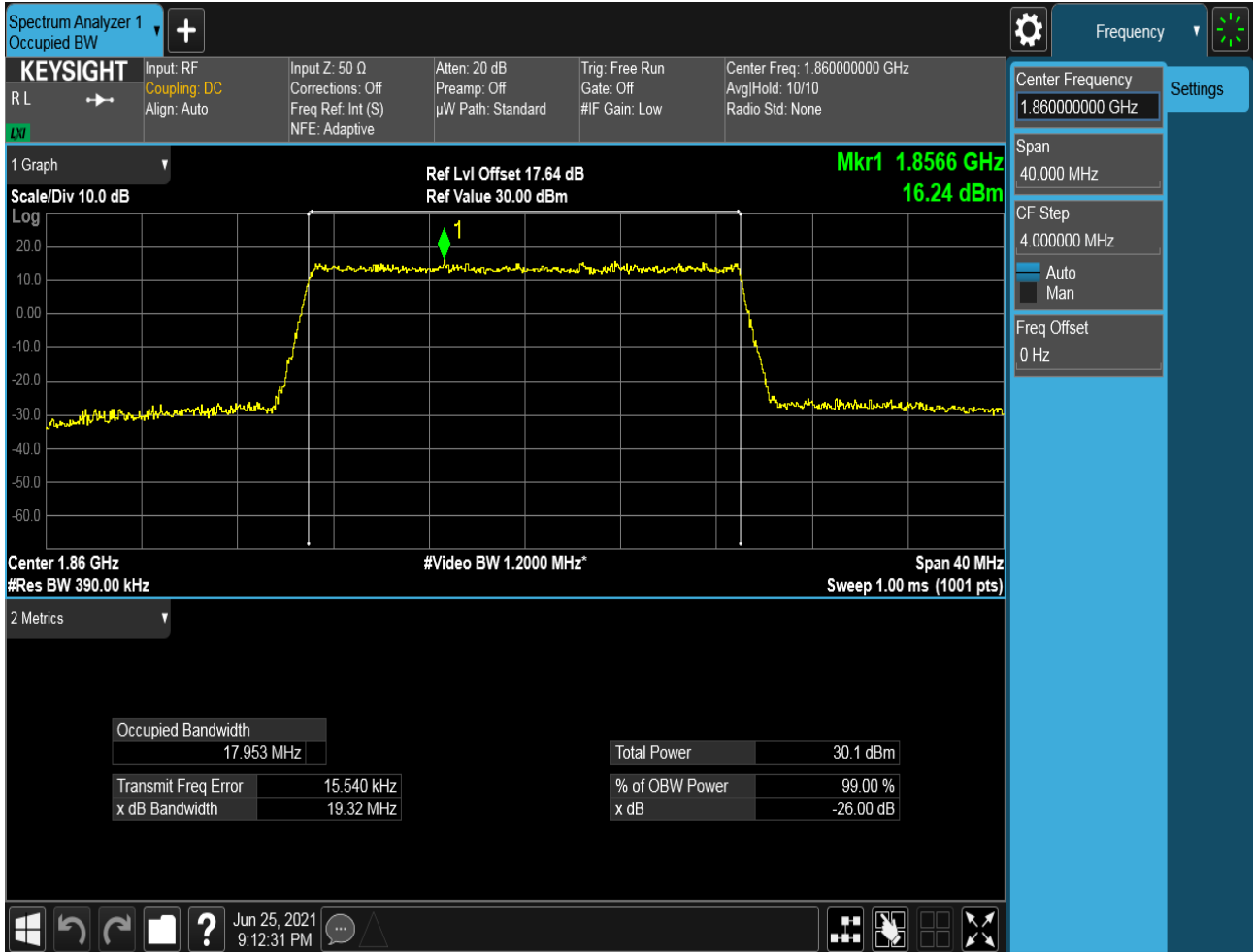




### 4.1.1.1.6 Test Bandwidth = 20MHz

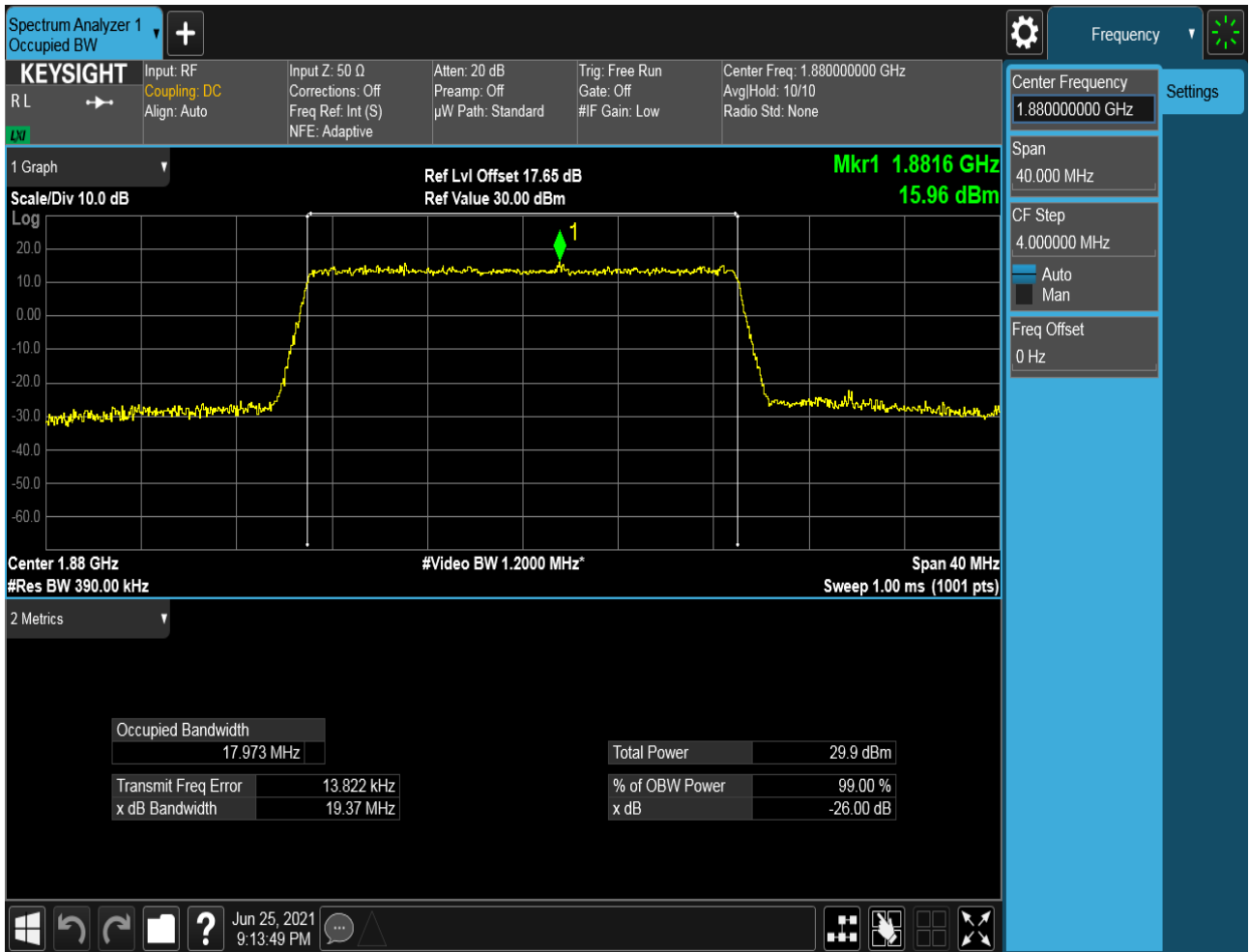
#### 4.1.1.1.6.1 Test Channel = LCH

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



## 4.1.1.1.6.2 Test Channel = MCH

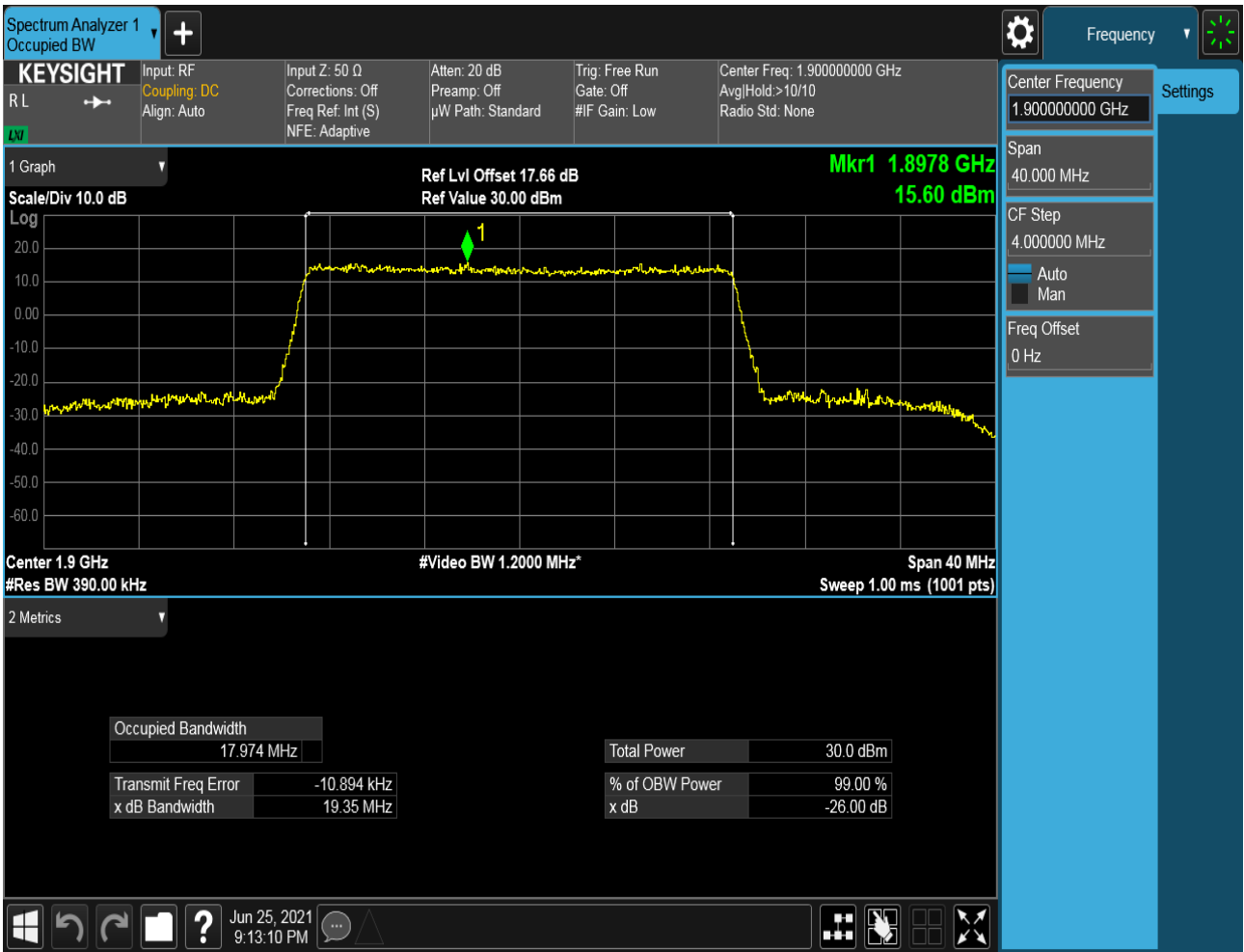
## 4.1.1.1.6.2.1 Test RB = RB100#0





### 4.1.1.1.6.3 Test Channel = HCH

#### 4.1.1.1.6.3.1 Test RB = RB100#0



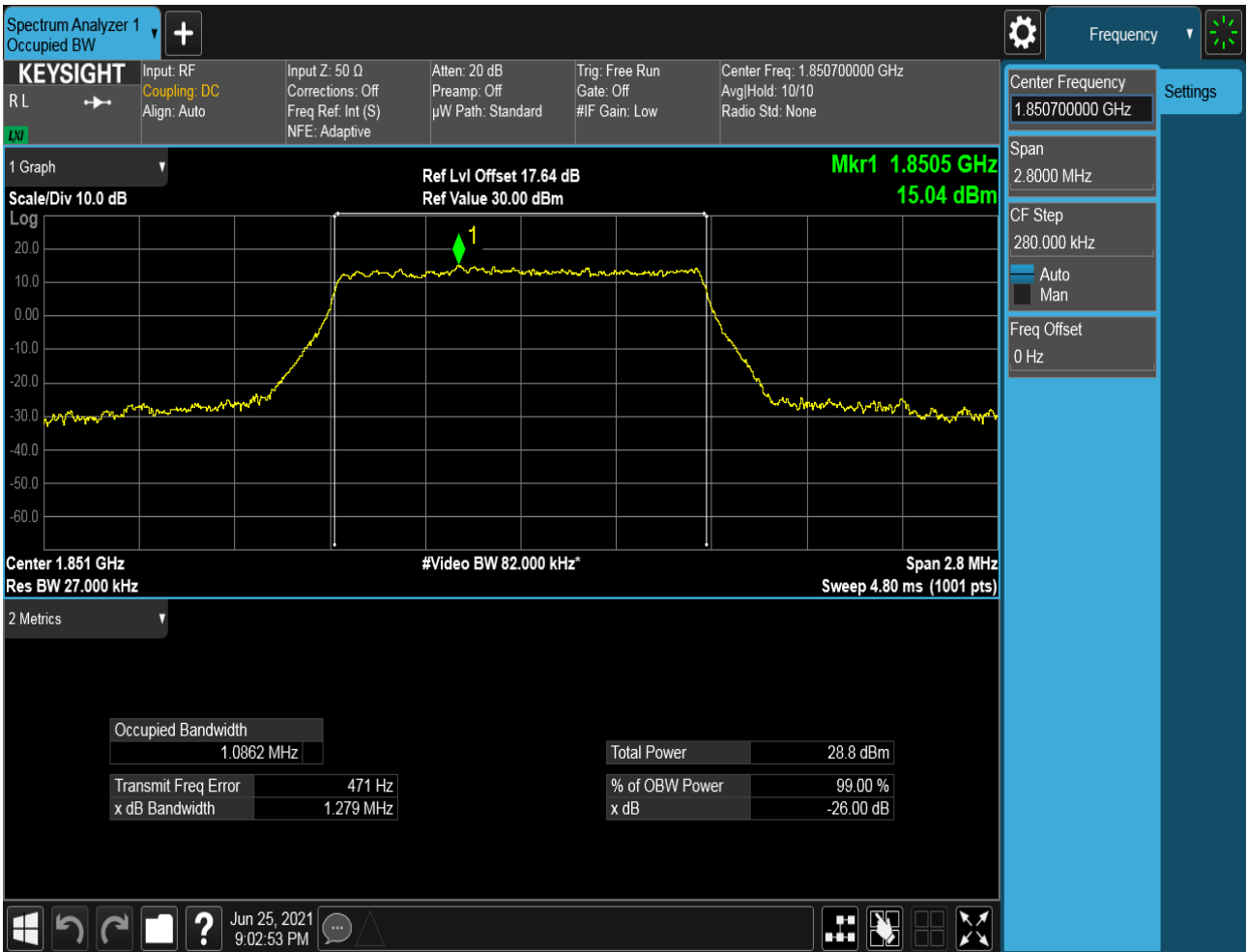


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4MHz

4.1.1.2.1.1 Test Channel = LCH

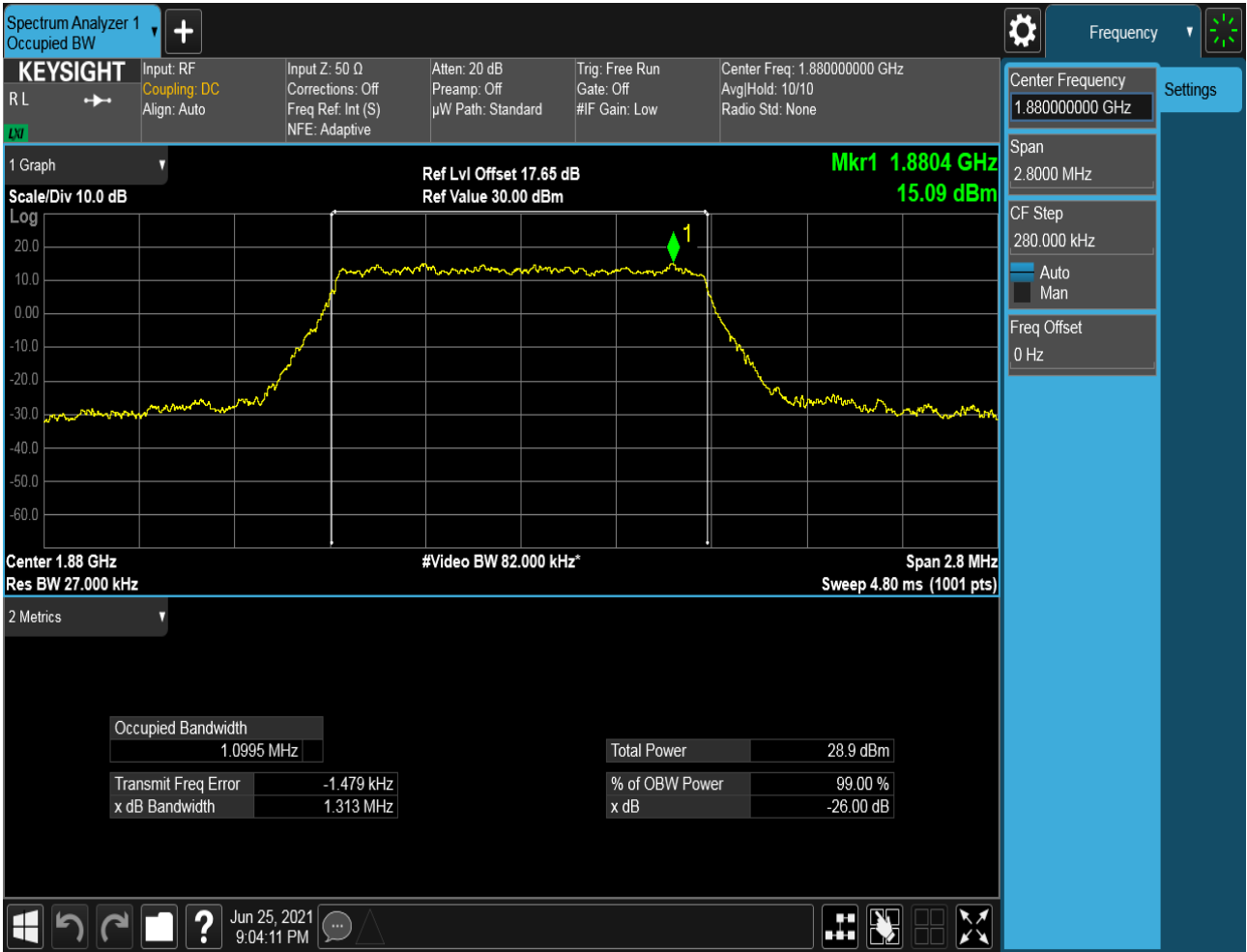
4.1.1.2.1.1.1 Test RB = RB6#0





### 4.1.1.2.1.2 Test Channel = MCH

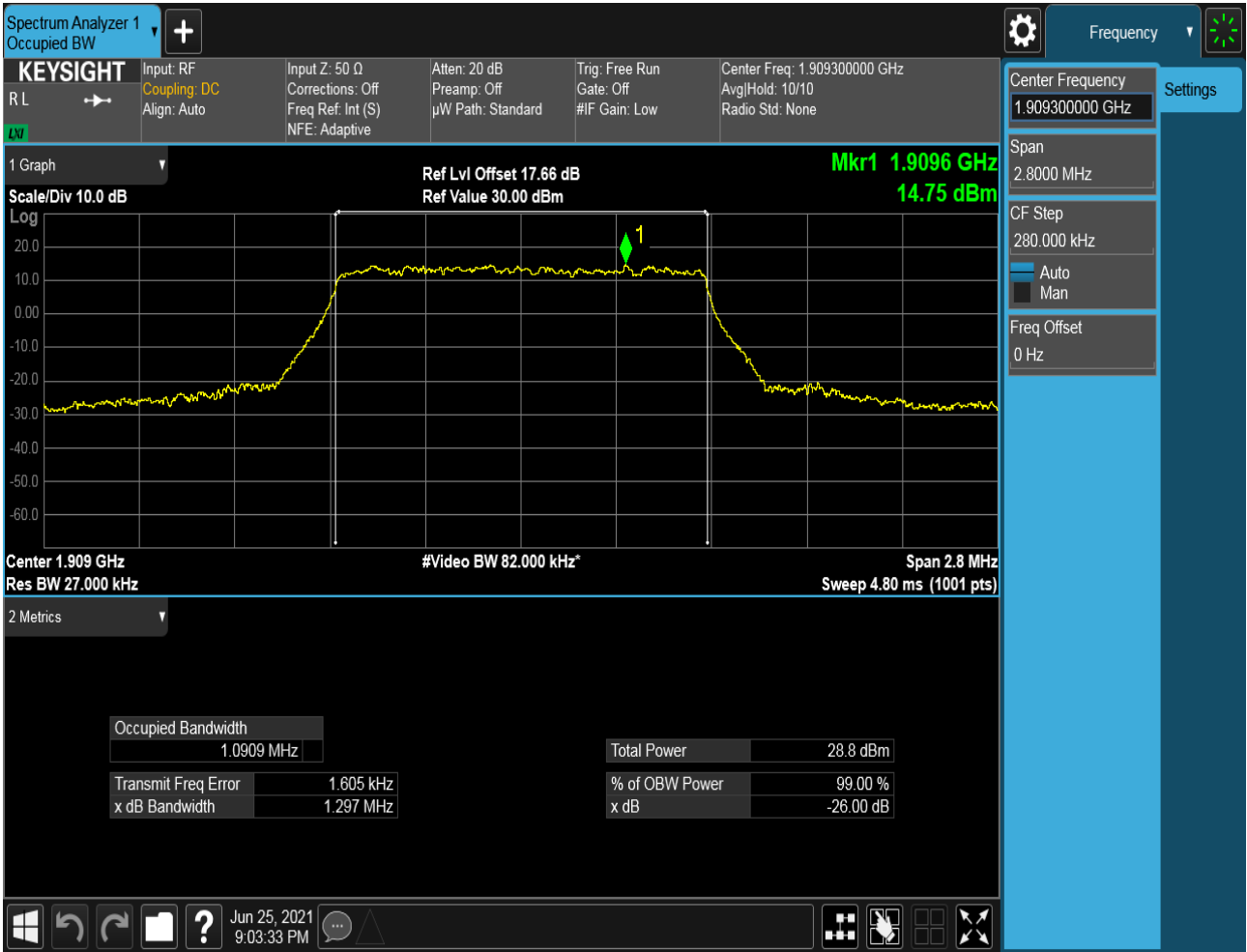
#### 4.1.1.2.1.2.1 Test RB = RB6#0





### 4.1.1.2.1.3 Test Channel = HCH

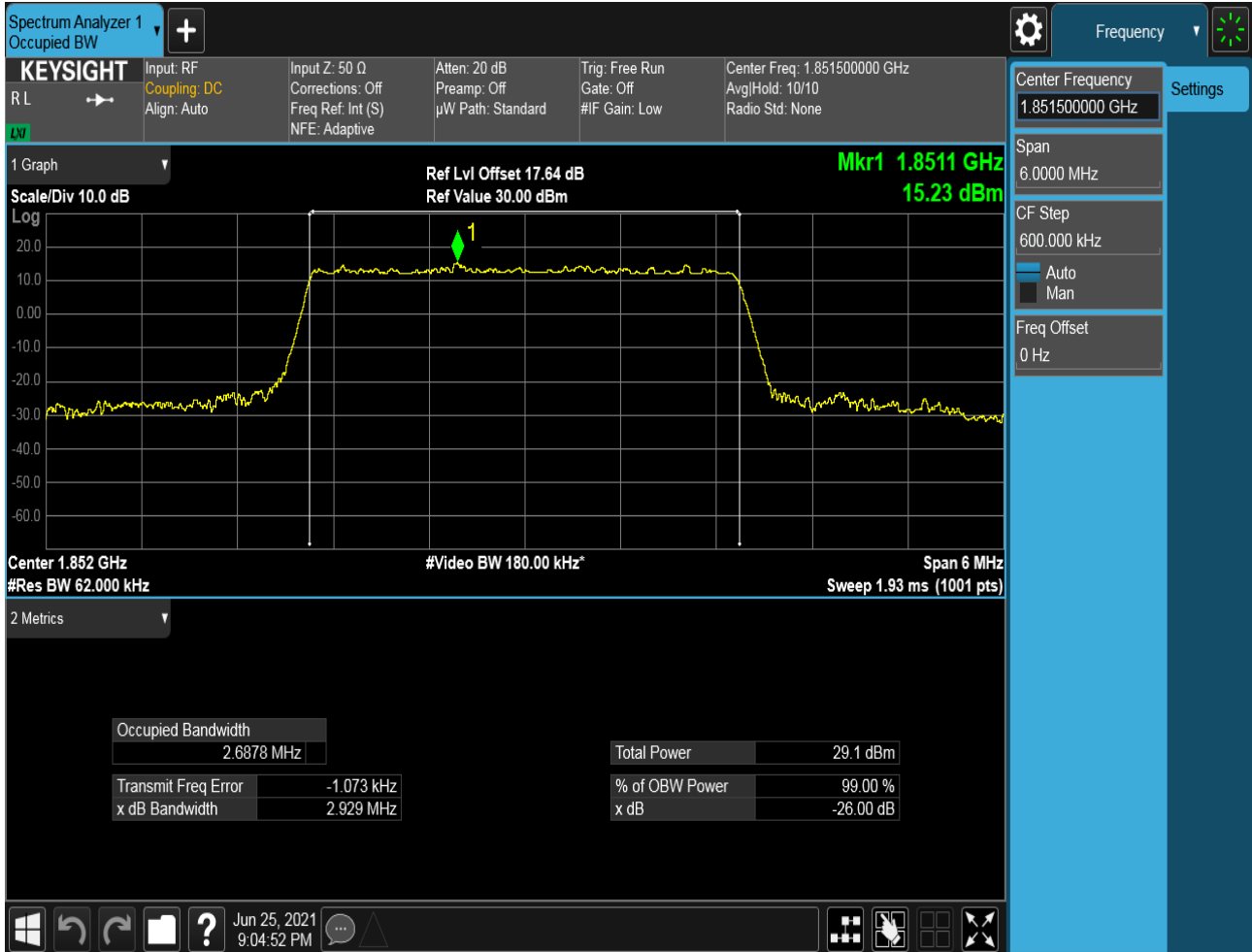
#### 4.1.1.2.1.3.1 Test RB = RB6#0



#### 4.1.1.2.2 Test Bandwidth = 3MHz

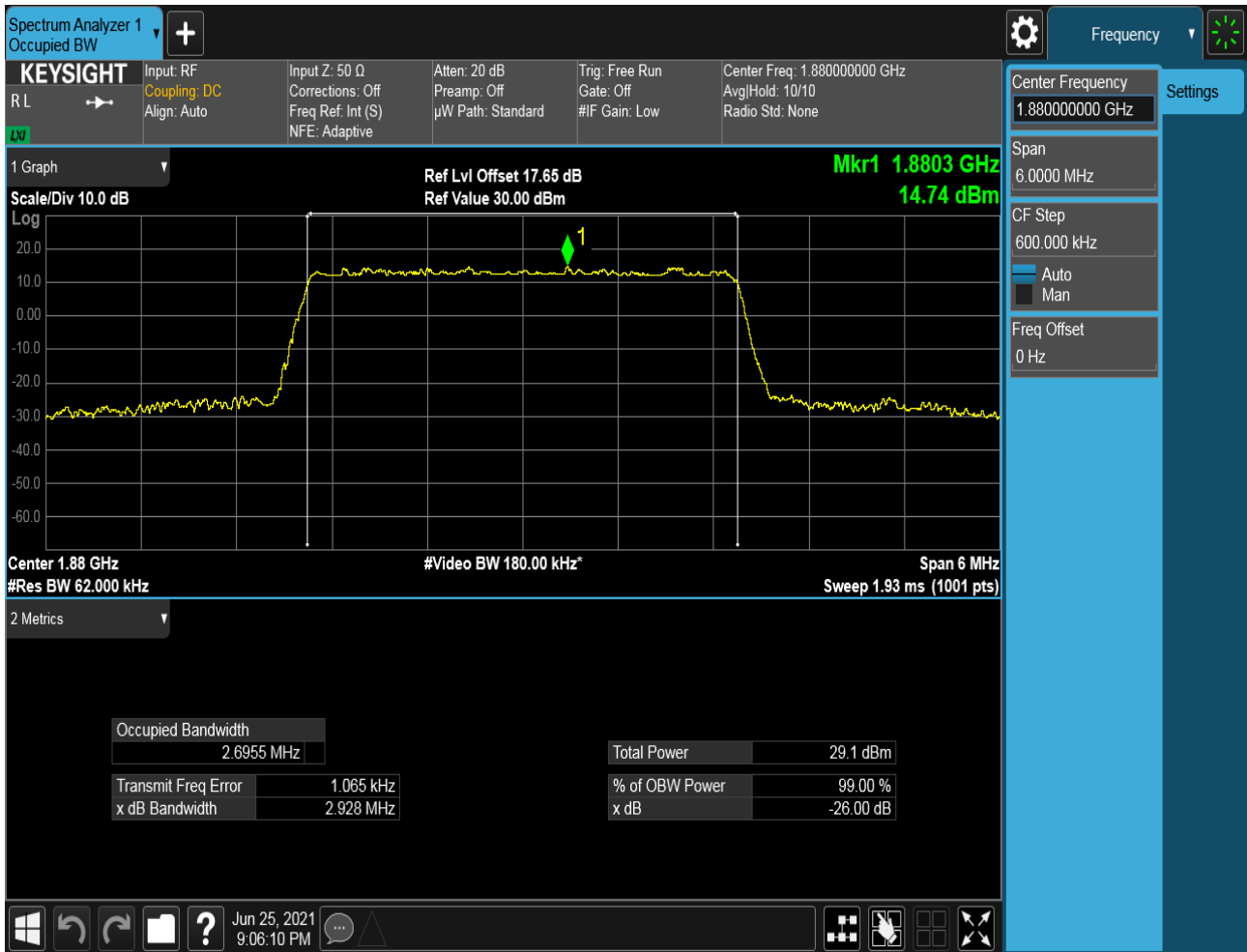
##### 4.1.1.2.2.1 Test Channel = LCH

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



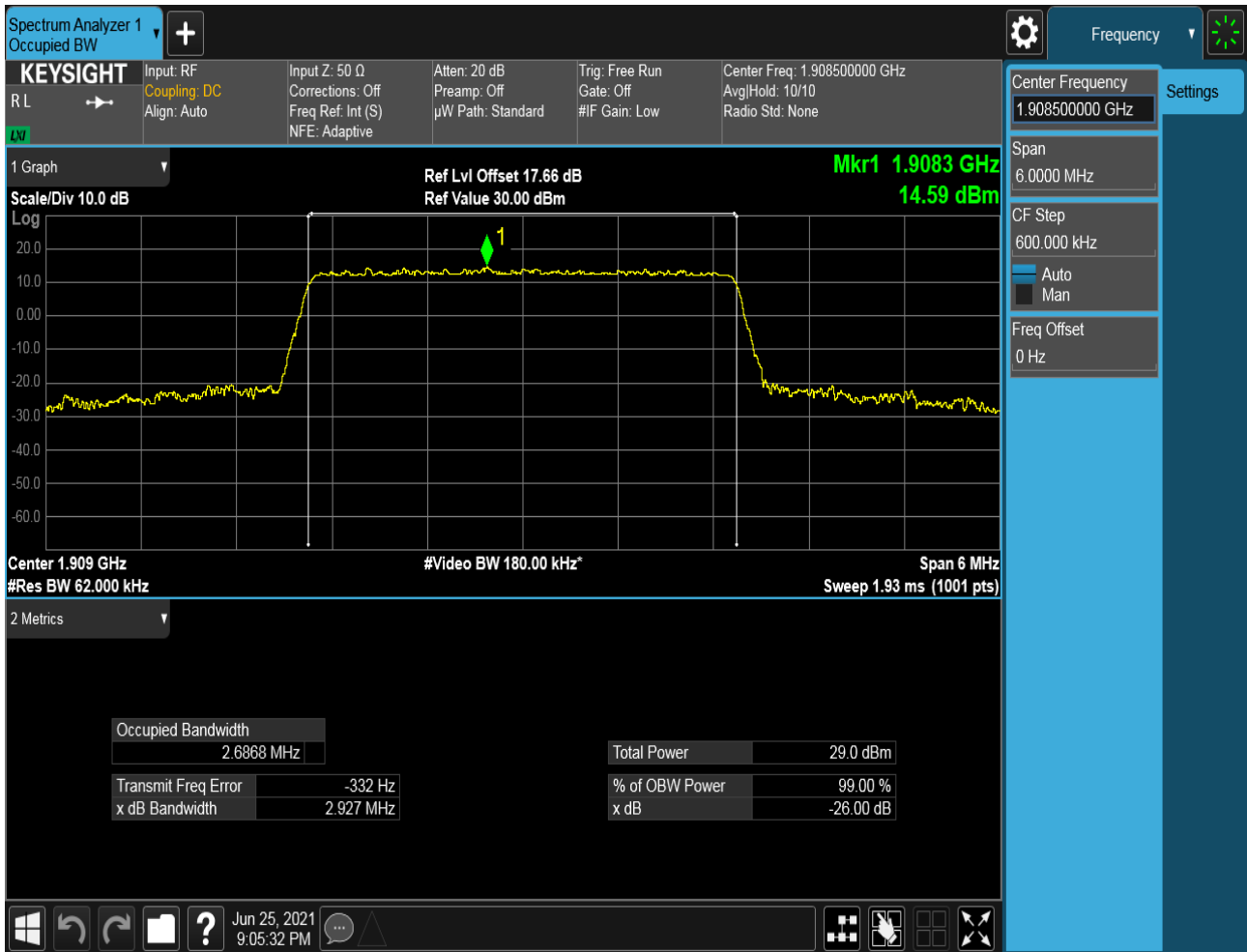
## 4.1.1.2.2.2 Test Channel = MCH

## 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

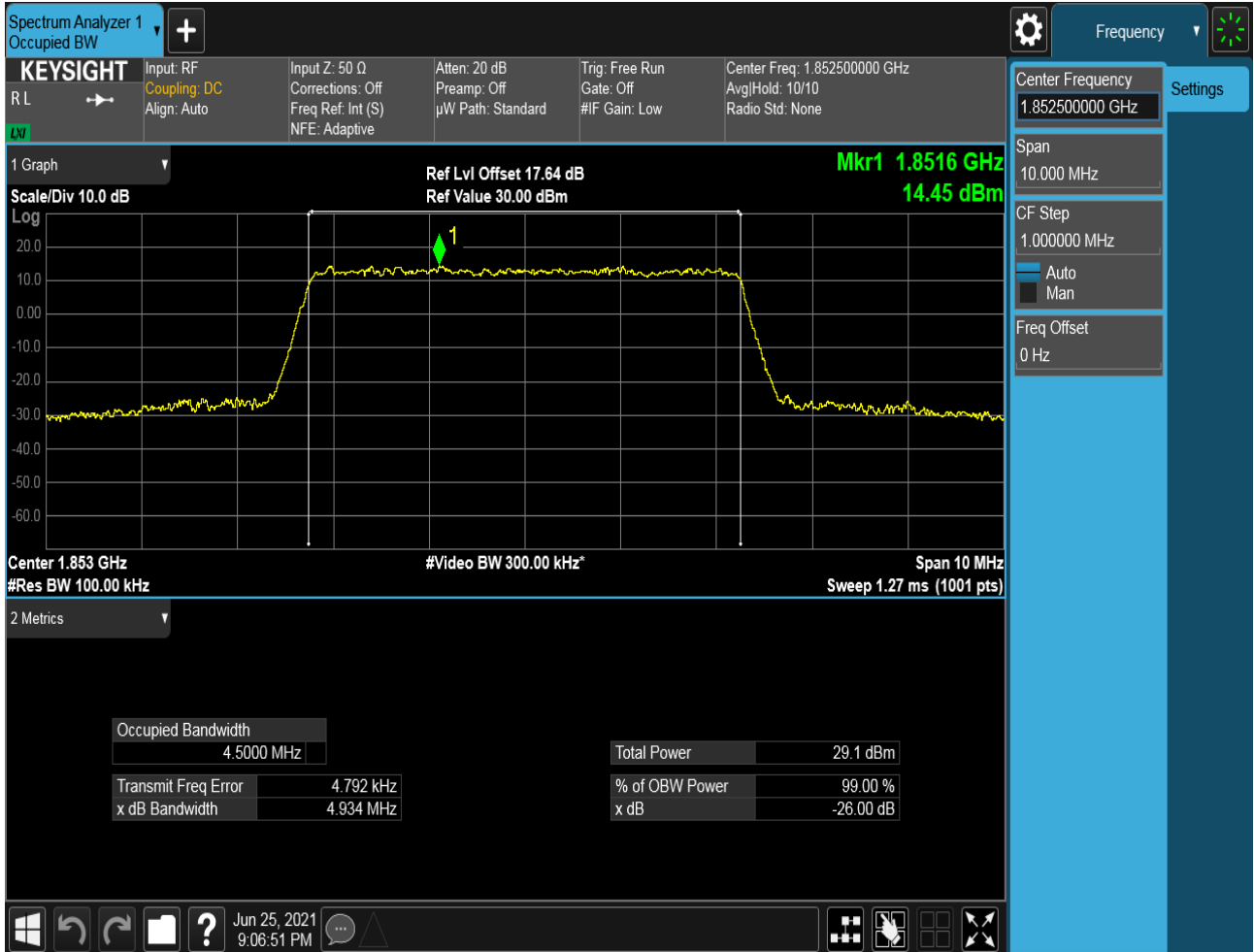




### 4.1.1.2.3 Test Bandwidth = 5MHz

#### 4.1.1.2.3.1 Test Channel = LCH

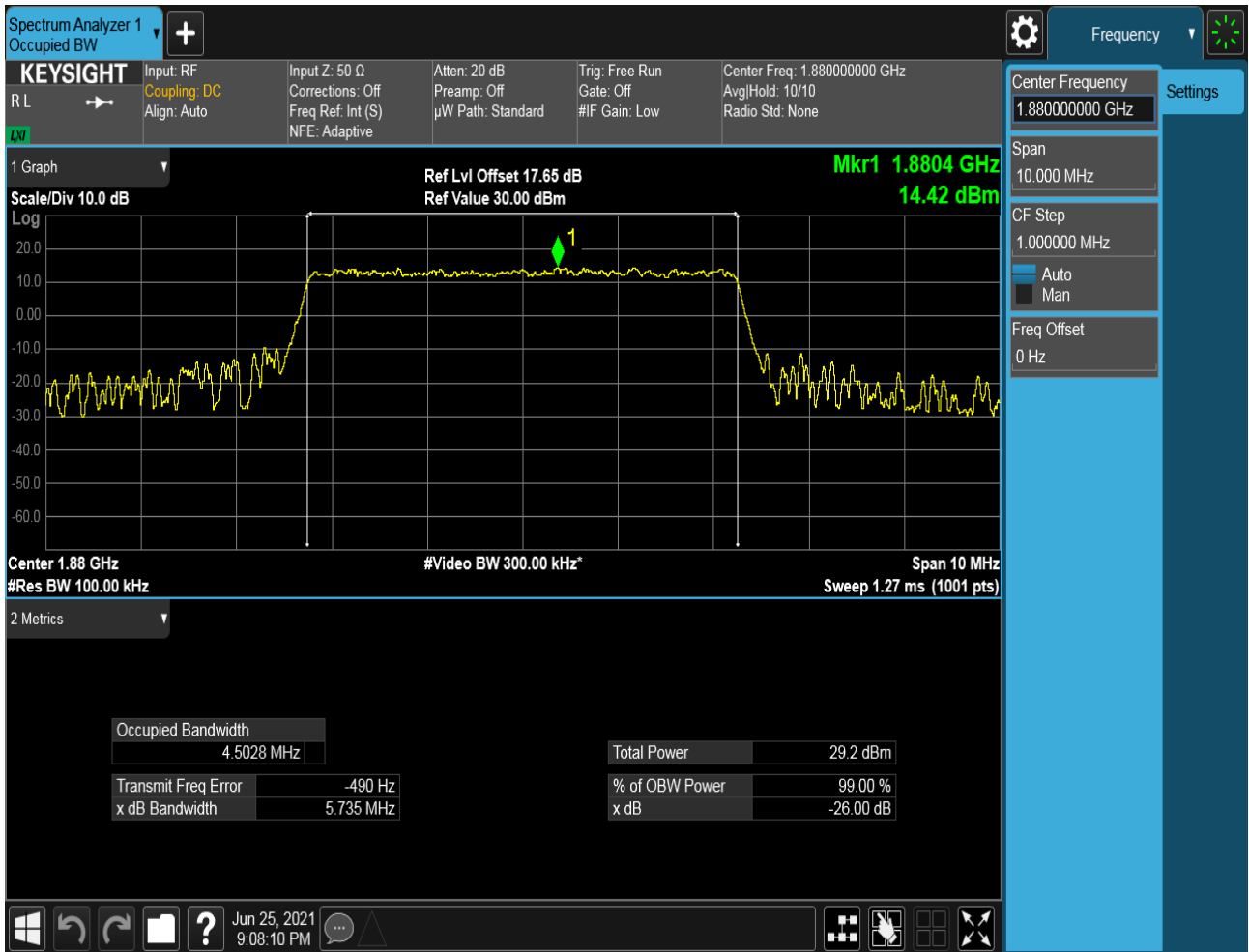
##### 4.1.1.2.3.1.1 Test RB = RB25#0





### 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

