



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	23.20	22.90	30	PASS
				RB1#3	23.34	23.04	30	PASS
				RB1#5	23.22	22.92	30	PASS
				RB3#0	23.26	22.96	30	PASS
				RB3#2	23.26	22.96	30	PASS
				RB3#3	23.23	22.93	30	PASS
				RB6#0	22.27	21.97	30	PASS
			MCH	RB1#0	23.17	22.87	30	PASS
				RB1#3	23.29	22.99	30	PASS
				RB1#5	23.15	22.85	30	PASS
				RB3#0	23.22	22.92	30	PASS
				RB3#2	23.21	22.91	30	PASS
				RB3#3	23.22	22.92	30	PASS
				RB6#0	22.28	21.98	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.07	22.77	30	PASS
				RB1#3	23.24	22.94	30	PASS
				RB1#5	23.07	22.77	30	PASS
				RB3#0	23.12	22.82	30	PASS
				RB3#2	23.18	22.88	30	PASS
				RB3#3	23.15	22.85	30	PASS
				RB6#0	22.21	21.91	30	PASS
		3	LCH	RB1#0	23.24	22.94	30	PASS
				RB1#7	23.41	23.11	30	PASS
				RB1#14	23.24	22.94	30	PASS
				RB8#0	22.26	21.96	30	PASS
				RB8#4	22.37	22.07	30	PASS
				RB8#7	22.29	21.99	30	PASS
				RB15#0	22.27	21.97	30	PASS
			MCH	RB1#0	23.21	22.91	30	PASS
				RB1#7	23.33	23.03	30	PASS
				RB1#14	23.16	22.86	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.26	21.96	30	PASS
				RB8#4	22.29	21.99	30	PASS
				RB8#7	22.24	21.94	30	PASS
				RB15#0	22.19	21.89	30	PASS
			HCH	RB1#0	23.20	22.90	30	PASS
				RB1#7	23.30	23.00	30	PASS
				RB1#14	23.11	22.81	30	PASS
				RB8#0	22.20	21.90	30	PASS
		RB8#4	22.24	21.94	30	PASS		
		RB8#7	22.18	21.88	30	PASS		
		RB15#0	22.19	21.89	30	PASS		
		5	LCH	RB1#0	23.10	22.80	30	PASS
				RB1#13	23.29	22.99	30	PASS
				RB1#24	23.16	22.86	30	PASS
				RB12#0	22.16	21.86	30	PASS
				RB12#6	22.31	22.01	30	PASS
				RB12#13	22.33	22.03	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.25	21.95	30	PASS
			MCH	RB1#0	23.12	22.82	30	PASS
				RB1#13	23.27	22.97	30	PASS
				RB1#24	23.07	22.77	30	PASS
				RB12#0	22.23	21.93	30	PASS
				RB12#6	22.29	21.99	30	PASS
				RB12#13	22.19	21.89	30	PASS
				RB25#0	22.28	21.98	30	PASS
				HCH	RB1#0	23.07	22.77	30
			RB1#13		23.17	22.87	30	PASS
			RB1#24		23.04	22.74	30	PASS
			RB12#0		22.20	21.90	30	PASS
			RB12#6		22.24	21.94	30	PASS
			RB12#13		22.16	21.86	30	PASS
			RB25#0		22.20	21.90	30	PASS
		10	LCH	RB1#0	23.21	22.91	30	PASS
				RB1#25	23.35	23.05	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.22	22.92	30	PASS
				RB25#0	22.28	21.98	30	PASS
				RB25#13	22.31	22.01	30	PASS
				RB25#25	22.38	22.08	30	PASS
				RB50#0	22.33	22.03	30	PASS
			MCH	RB1#0	23.23	22.93	30	PASS
				RB1#25	23.35	23.05	30	PASS
				RB1#49	23.12	22.82	30	PASS
				RB25#0	22.29	21.99	30	PASS
				RB25#13	22.31	22.01	30	PASS
				RB25#25	22.31	22.01	30	PASS
				RB50#0	22.33	22.03	30	PASS
			HCH	RB1#0	23.20	22.90	30	PASS
				RB1#25	23.30	23.00	30	PASS
				RB1#49	23.11	22.81	30	PASS
				RB25#0	22.25	21.95	30	PASS
				RB25#13	22.18	21.88	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.23	21.93	30	PASS
				RB50#0	22.24	21.94	30	PASS
		15	LCH	RB1#0	23.12	22.82	30	PASS
				RB1#38	23.25	22.95	30	PASS
				RB1#74	23.12	22.82	30	PASS
				RB38#0	22.32	22.02	30	PASS
				RB38#19	22.36	22.06	30	PASS
				RB38#39	22.36	22.06	30	PASS
				RB75#0	22.33	22.03	30	PASS
				MCH	RB1#0	23.14	22.84	30
			RB1#38		23.21	22.91	30	PASS
			RB1#74		23.09	22.79	30	PASS
			RB38#0		22.34	22.04	30	PASS
			RB38#19		22.38	22.08	30	PASS
			HCH	RB38#39	22.30	22.00	30	PASS
RB75#0	22.34	22.04		30	PASS			
			HCH	RB1#0	23.12	22.82	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.19	22.89	30	PASS
				RB1#74	23.04	22.74	30	PASS
				RB38#0	22.33	22.03	30	PASS
				RB38#19	22.30	22.00	30	PASS
				RB38#39	22.20	21.90	30	PASS
				RB75#0	22.26	21.96	30	PASS
		20	LCH	RB1#0	23.03	22.73	30	PASS
				RB1#50	23.47	23.17	30	PASS
				RB1#99	22.98	22.68	30	PASS
				RB50#0	22.23	21.93	30	PASS
				RB50#25	22.31	22.01	30	PASS
				RB50#50	22.34	22.04	30	PASS
				RB100#0	22.28	21.98	30	PASS
				MCH	RB1#0	23.01	22.71	30
		RB1#50	23.38		23.08	30	PASS	
		RB1#99	22.95		22.65	30	PASS	
RB50#0	22.32	22.02	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.30	22.00	30	PASS
				RB50#50	22.26	21.96	30	PASS
				RB100#0	22.32	22.02	30	PASS
			HCH	RB1#0	22.88	22.58	30	PASS
				RB1#50	23.39	23.09	30	PASS
				RB1#99	22.84	22.54	30	PASS
				RB50#0	22.29	21.99	30	PASS
				RB50#25	22.29	21.99	30	PASS
				RB50#50	22.22	21.92	30	PASS
				RB100#0	22.27	21.97	30	PASS
			LCH	RB1#0	22.56	22.26	30	PASS
				RB1#3	22.74	22.44	30	PASS
				RB1#5	22.60	22.30	30	PASS
				RB3#0	22.44	22.14	30	PASS
RB3#2	22.43	22.13		30	PASS			
RB3#3	22.39	22.09		30	PASS			
RB6#0	21.13	20.83		30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.29	21.99	30	PASS
				RB1#3	22.49	22.19	30	PASS
				RB1#5	22.28	21.98	30	PASS
				RB3#0	22.29	21.99	30	PASS
				RB3#2	22.29	21.99	30	PASS
				RB3#3	22.31	22.01	30	PASS
			RB6#0	21.39	21.09	30	PASS	
			HCH	RB1#0	22.12	21.82	30	PASS
				RB1#3	22.26	21.96	30	PASS
				RB1#5	22.15	21.85	30	PASS
				RB3#0	22.35	22.05	30	PASS
				RB3#2	22.35	22.05	30	PASS
		RB3#3		22.35	22.05	30	PASS	
		3	LCH	RB1#0	22.57	22.27	30	PASS
				RB1#7	22.80	22.50	30	PASS
				RB1#14	22.66	22.36	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.37	21.07	30	PASS
				RB8#4	21.42	21.12	30	PASS
				RB8#7	21.37	21.07	30	PASS
				RB15#0	21.30	21.00	30	PASS
			MCH	RB1#0	22.18	21.88	30	PASS
				RB1#7	22.31	22.01	30	PASS
				RB1#14	22.15	21.85	30	PASS
				RB8#0	21.36	21.06	30	PASS
				RB8#4	21.39	21.09	30	PASS
				RB8#7	21.35	21.05	30	PASS
				RB15#0	21.23	20.93	30	PASS
			HCH	RB1#0	22.24	21.94	30	PASS
				RB1#7	22.37	22.07	30	PASS
				RB1#14	22.14	21.84	30	PASS
				RB8#0	21.22	20.92	30	PASS
				RB8#4	21.29	20.99	30	PASS
				RB8#7	21.20	20.90	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.18	20.88	30	PASS
		5	LCH	RB1#0	22.63	22.33	30	PASS
				RB1#13	22.82	22.52	30	PASS
				RB1#24	22.67	22.37	30	PASS
				RB12#0	21.34	21.04	30	PASS
				RB12#6	21.39	21.09	30	PASS
				RB12#13	21.42	21.12	30	PASS
				RB25#0	21.37	21.07	30	PASS
				MCH	RB1#0	22.36	22.06	30
			RB1#13		22.46	22.16	30	PASS
			RB1#24		22.31	22.01	30	PASS
			RB12#0		21.33	21.03	30	PASS
			RB12#6		21.39	21.09	30	PASS
			RB12#13		21.31	21.01	30	PASS
			RB25#0		21.29	20.99	30	PASS
			HCH	RB1#0	22.17	21.87	30	PASS
		RB1#13		22.35	22.05	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.21	21.91	30	PASS
				RB12#0	21.23	20.93	30	PASS
				RB12#6	21.28	20.98	30	PASS
				RB12#13	21.24	20.94	30	PASS
				RB25#0	21.14	20.84	30	PASS
		10	LCH	RB1#0	22.58	22.28	30	PASS
				RB1#25	22.84	22.54	30	PASS
				RB1#49	22.60	22.30	30	PASS
				RB25#0	21.29	20.99	30	PASS
				RB25#13	21.38	21.08	30	PASS
			MCH	RB25#25	21.43	21.13	30	PASS
				RB50#0	21.39	21.09	30	PASS
				RB1#0	22.20	21.90	30	PASS
				RB1#25	22.35	22.05	30	PASS
				RB1#49	22.13	21.83	30	PASS
RB25#0	21.34	21.04	30	PASS				
RB25#13	21.30	21.00	30	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.33	21.03	30	PASS
				RB50#0	21.31	21.01	30	PASS
			HCH	RB1#0	22.23	21.93	30	PASS
				RB1#25	22.38	22.08	30	PASS
				RB1#49	22.13	21.83	30	PASS
				RB25#0	21.37	21.07	30	PASS
				RB25#13	21.29	20.99	30	PASS
				RB25#25	21.31	21.01	30	PASS
				RB50#0	21.31	21.01	30	PASS
				15	LCH	RB1#0	22.51	22.21
		RB1#38	22.65			22.35	30	PASS
		RB1#74	22.52			22.22	30	PASS
		RB38#0	21.29			20.99	30	PASS
		RB38#19	21.37			21.07	30	PASS
		RB38#39	21.39			21.09	30	PASS
		RB75#0	21.36			21.06	30	PASS
		MCH	RB1#0	22.10	21.80	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.25	21.95	30	PASS
				RB1#74	22.07	21.77	30	PASS
				RB38#0	21.33	21.03	30	PASS
				RB38#19	21.28	20.98	30	PASS
				RB38#39	21.24	20.94	30	PASS
				RB75#0	21.30	21.00	30	PASS
			HCH	RB1#0	22.54	22.24	30	PASS
				RB1#38	22.59	22.29	30	PASS
				RB1#74	22.46	22.16	30	PASS
				RB38#0	21.29	20.99	30	PASS
				RB38#19	21.24	20.94	30	PASS
				RB38#39	21.19	20.89	30	PASS
		20	LCH	RB1#0	22.47	22.17	30	PASS
				RB1#50	22.92	22.62	30	PASS
				RB1#99	22.43	22.13	30	PASS
				RB50#0	21.26	20.96	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.37	21.07	30	PASS
				RB50#50	21.36	21.06	30	PASS
				RB100#0	21.28	20.98	30	PASS
			MCH	RB1#0	22.55	22.25	30	PASS
				RB1#50	22.90	22.60	30	PASS
				RB1#99	22.50	22.20	30	PASS
				RB50#0	21.38	21.08	30	PASS
				RB50#25	21.36	21.06	30	PASS
				RB50#50	21.31	21.01	30	PASS
				RB100#0	21.34	21.04	30	PASS
			HCH	RB1#0	22.34	22.04	30	PASS
				RB1#50	22.82	22.52	30	PASS
				RB1#99	22.31	22.01	30	PASS
				RB50#0	21.25	20.95	30	PASS
				RB50#25	21.25	20.95	30	PASS
RB50#50	21.21	20.91		30	PASS			
RB100#0	21.27	20.97		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	4.87	13	PASS
				RB1#3	4.67	13	PASS
				RB1#5	4.81	13	PASS
				RB3#0	4.69	13	PASS
				RB3#2	4.65	13	PASS
				RB3#3	4.66	13	PASS
				RB6#0	5.76	13	PASS
			MCH	RB1#0	4.42	13	PASS
				RB1#3	4.32	13	PASS
				RB1#5	4.45	13	PASS
				RB3#0	4.96	13	PASS
				RB3#2	4.91	13	PASS
				RB3#3	4.97	13	PASS
				RB6#0	5.57	13	PASS
		HCH	RB1#0	4.60	13	PASS	
			RB1#3	4.50	13	PASS	
			RB1#5	4.62	13	PASS	
			RB3#0	4.36	13	PASS	
			RB3#2	4.34	13	PASS	
			RB3#3	4.35	13	PASS	
			RB6#0	5.39	13	PASS	
		3	LCH	RB1#0	4.43	13	PASS
				RB1#7	4.36	13	PASS
				RB1#14	4.45	13	PASS
				RB8#0	5.26	13	PASS
				RB8#4	5.14	13	PASS
				RB8#7	5.24	13	PASS
				RB15#0	5.49	13	PASS
MCH	RB1#0		4.38	13	PASS		
	RB1#7		4.34	13	PASS		
	RB1#14		4.43	13	PASS		
	RB8#0		5.86	13	PASS		
	RB8#4		5.49	13	PASS		
	RB8#7		5.65	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	5.41	13	PASS
				RB1#0	4.28	13	PASS
				RB1#7	4.22	13	PASS
				RB1#14	4.28	13	PASS
				RB8#0	5.62	13	PASS
				RB8#4	5.77	13	PASS
				RB8#7	5.82	13	PASS
				RB15#0	5.91	13	PASS
		5	LCH	RB1#0	4.54	13	PASS
				RB1#13	4.48	13	PASS
				RB1#24	4.57	13	PASS
				RB12#0	5.57	13	PASS
				RB12#6	5.48	13	PASS
				RB12#13	5.56	13	PASS
				RB25#0	5.87	13	PASS
			MCH	RB1#0	5.03	13	PASS
				RB1#13	4.90	13	PASS
				RB1#24	5.01	13	PASS
				RB12#0	5.64	13	PASS
				RB12#6	5.56	13	PASS
				RB12#13	5.72	13	PASS
			HCH	RB25#0	5.84	13	PASS
				RB1#0	4.55	13	PASS
				RB1#13	4.52	13	PASS
				RB1#24	4.54	13	PASS
		RB12#0		5.64	13	PASS	
		RB12#6		5.43	13	PASS	
		RB12#13		5.60	13	PASS	
		10	LCH	RB25#0	6.04	13	PASS
				RB1#0	4.51	13	PASS
				RB1#25	4.45	13	PASS
				RB1#49	4.62	13	PASS
				RB25#0	5.80	13	PASS
RB25#13	5.69			13	PASS		
RB25#25	5.84			13	PASS		
RB50#0	6.09		13	PASS			
MCH	RB1#0		4.45	13	PASS		
	RB1#25		4.39	13	PASS		
	RB1#49	4.48	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#0	5.89	13	PASS	
				RB25#13	5.72	13	PASS	
				RB25#25	5.75	13	PASS	
				RB50#0	6.17	13	PASS	
			HCH	RB1#0	4.36	13	PASS	
				RB1#25	4.29	13	PASS	
				RB1#49	4.38	13	PASS	
				RB25#0	6.03	13	PASS	
				RB25#13	5.80	13	PASS	
				RB25#25	5.99	13	PASS	
				RB50#0	6.10	13	PASS	
				LCH	RB1#0	4.59	13	PASS
					RB1#38	4.57	13	PASS
		RB1#74			4.76	13	PASS	
		RB38#0			5.73	13	PASS	
		RB38#19			5.78	13	PASS	
		RB38#39			5.94	13	PASS	
		RB75#0	6.20		13	PASS		
		MCH	RB1#0	4.52	13	PASS		
			RB1#38	4.45	13	PASS		
			RB1#74	4.51	13	PASS		
			RB38#0	5.97	13	PASS		
			RB38#19	5.96	13	PASS		
			RB38#39	6.02	13	PASS		
			RB75#0	6.56	13	PASS		
		HCH	RB1#0	4.20	13	PASS		
			RB1#38	4.15	13	PASS		
			RB1#74	4.18	13	PASS		
			RB38#0	5.81	13	PASS		
			RB38#19	5.74	13	PASS		
			RB38#39	5.83	13	PASS		
			RB75#0	6.26	13	PASS		
		20	LCH	RB1#0	4.50	13	PASS	
RB1#50	4.39			13	PASS			
RB1#99	4.65			13	PASS			
RB50#0	5.88			13	PASS			
RB50#25	5.80			13	PASS			
RB50#50	5.86			13	PASS			
RB100#0	6.06			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	4.86	13	PASS
				RB1#50	4.63	13	PASS
				RB1#99	4.86	13	PASS
				RB50#0	6.10	13	PASS
				RB50#25	6.14	13	PASS
				RB50#50	6.13	13	PASS
				RB100#0	6.34	13	PASS
			HCH	RB1#0	4.77	13	PASS
				RB1#50	4.48	13	PASS
				RB1#99	4.71	13	PASS
				RB50#0	6.04	13	PASS
				RB50#25	5.87	13	PASS
				RB50#50	6.10	13	PASS
				RB100#0	6.52	13	PASS
	LCH	RB1#0	5.39	13	PASS		
		RB1#3	5.23	13	PASS		
		RB1#5	5.35	13	PASS		
		RB3#0	5.61	13	PASS		
		RB3#2	5.61	13	PASS		
		RB3#3	5.63	13	PASS		
		RB6#0	5.96	13	PASS		
		MCH	RB1#0	5.49	13	PASS	
			RB1#3	5.40	13	PASS	
			RB1#5	5.47	13	PASS	
			RB3#0	5.73	13	PASS	
			RB3#2	5.65	13	PASS	
			RB3#3	5.70	13	PASS	
			RB6#0	5.96	13	PASS	
	HCH	RB1#0	5.24	13	PASS		
		RB1#3	5.17	13	PASS		
		RB1#5	5.23	13	PASS		
		RB3#0	5.56	13	PASS		
RB3#2		5.56	13	PASS			
RB3#3		5.56	13	PASS			
RB6#0		6.21	13	PASS			
LCH	RB1#0	5.07	13	PASS			
	RB1#7	5.01	13	PASS			
	RB1#14	5.10	13	PASS			
	RB8#0	6.43	13	PASS			
		3					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB8#4	6.35	13	PASS		
				RB8#7	6.54	13	PASS		
				RB15#0	6.08	13	PASS		
			MCH	RB1#0	5.76	13	PASS		
				RB1#7	5.72	13	PASS		
				RB1#14	5.81	13	PASS		
				RB8#0	6.32	13	PASS		
				RB8#4	6.26	13	PASS		
				RB8#7	6.32	13	PASS		
				RB15#0	6.35	13	PASS		
				HCH	RB1#0	5.34	13	PASS	
					RB1#7	5.27	13	PASS	
			RB1#14		5.42	13	PASS		
			RB8#0		6.14	13	PASS		
			RB8#4		5.86	13	PASS		
			RB8#7		6.05	13	PASS		
			5	LCH		RB1#0	4.54	13	PASS
						RB1#13	4.49	13	PASS
		RB1#24				4.57	13	PASS	
		RB12#0				6.20	13	PASS	
		RB12#6				6.05	13	PASS	
		RB12#13				6.17	13	PASS	
		RB25#0				6.77	13	PASS	
		MCH		RB1#0	5.66	13	PASS		
				RB1#13	5.63	13	PASS		
				RB1#24	5.66	13	PASS		
				RB12#0	6.60	13	PASS		
				RB12#6	6.45	13	PASS		
				RB12#13	6.57	13	PASS		
		HCH		RB25#0	6.97	13	PASS		
				RB1#0	5.46	13	PASS		
			RB1#13	5.42	13	PASS			
			RB1#24	5.47	13	PASS			
RB12#0	6.21		13	PASS					
RB12#6	6.17		13	PASS					
RB12#13	6.28		13	PASS					
10	LCH	RB1#0	5.18	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.14	13	PASS
				RB1#49	5.25	13	PASS
				RB25#0	6.65	13	PASS
				RB25#13	6.51	13	PASS
				RB25#25	6.59	13	PASS
				RB50#0	6.68	13	PASS
			MCH	RB1#0	5.83	13	PASS
				RB1#25	5.73	13	PASS
				RB1#49	5.80	13	PASS
				RB25#0	7.21	13	PASS
				RB25#13	7.03	13	PASS
				RB25#25	7.21	13	PASS
			HCH	RB50#0	7.25	13	PASS
				RB1#0	5.47	13	PASS
				RB1#25	5.35	13	PASS
				RB1#49	5.43	13	PASS
				RB25#0	6.99	13	PASS
				RB25#13	6.91	13	PASS
		15	LCH	RB25#25	7.07	13	PASS
				RB50#0	6.92	13	PASS
				RB1#0	5.23	13	PASS
				RB1#38	5.25	13	PASS
				RB1#74	5.38	13	PASS
				RB38#0	6.83	13	PASS
			MCH	RB38#19	6.79	13	PASS
				RB38#39	6.90	13	PASS
				RB75#0	7.05	13	PASS
				RB1#0	5.88	13	PASS
				RB1#38	5.80	13	PASS
				RB1#74	5.86	13	PASS
HCH	RB38#0	7.16	13	PASS			
	RB38#19	7.07	13	PASS			
	RB38#39	7.16	13	PASS			
	RB75#0	7.21	13	PASS			
	RB1#0	5.85	13	PASS			
				RB1#38	5.76	13	PASS
				RB1#74	5.79	13	PASS
				RB38#0	6.98	13	PASS
				RB38#19	6.89	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#39	6.91	13	PASS	
				RB75#0	7.04	13	PASS	
		20	LCH	RB1#0	5.85	13	PASS	
				RB1#50	5.56	13	PASS	
				RB1#99	6.10	13	PASS	
				RB50#0	7.07	13	PASS	
				RB50#25	7.02	13	PASS	
				RB50#50	7.07	13	PASS	
				RB100#0	6.89	13	PASS	
				MCH	RB1#0	4.69	13	PASS
					RB1#50	4.56	13	PASS
			RB1#99		4.68	13	PASS	
			RB50#0		7.06	13	PASS	
			RB50#25		7.21	13	PASS	
			RB50#50		7.15	13	PASS	
			HCH	RB100#0	7.03	13	PASS	
				RB1#0	5.63	13	PASS	
				RB1#50	5.30	13	PASS	
				RB1#99	5.56	13	PASS	
				RB50#0	7.04	13	PASS	
		RB50#25		6.79	13	PASS		
RB50#50	6.97	13		PASS				
RB100#0	7.16	13	PASS					

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

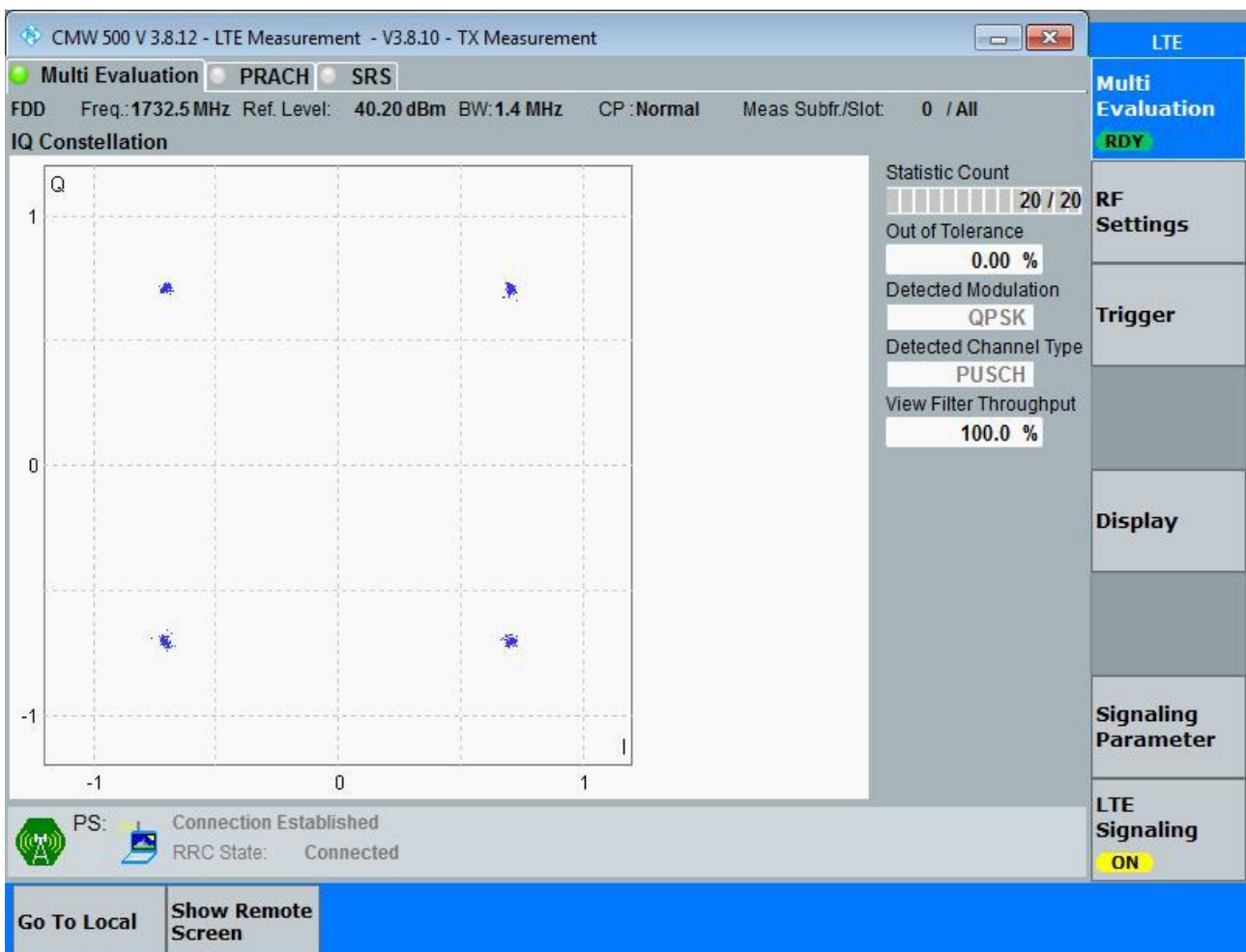
3.1.1 Test Band = Band4

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

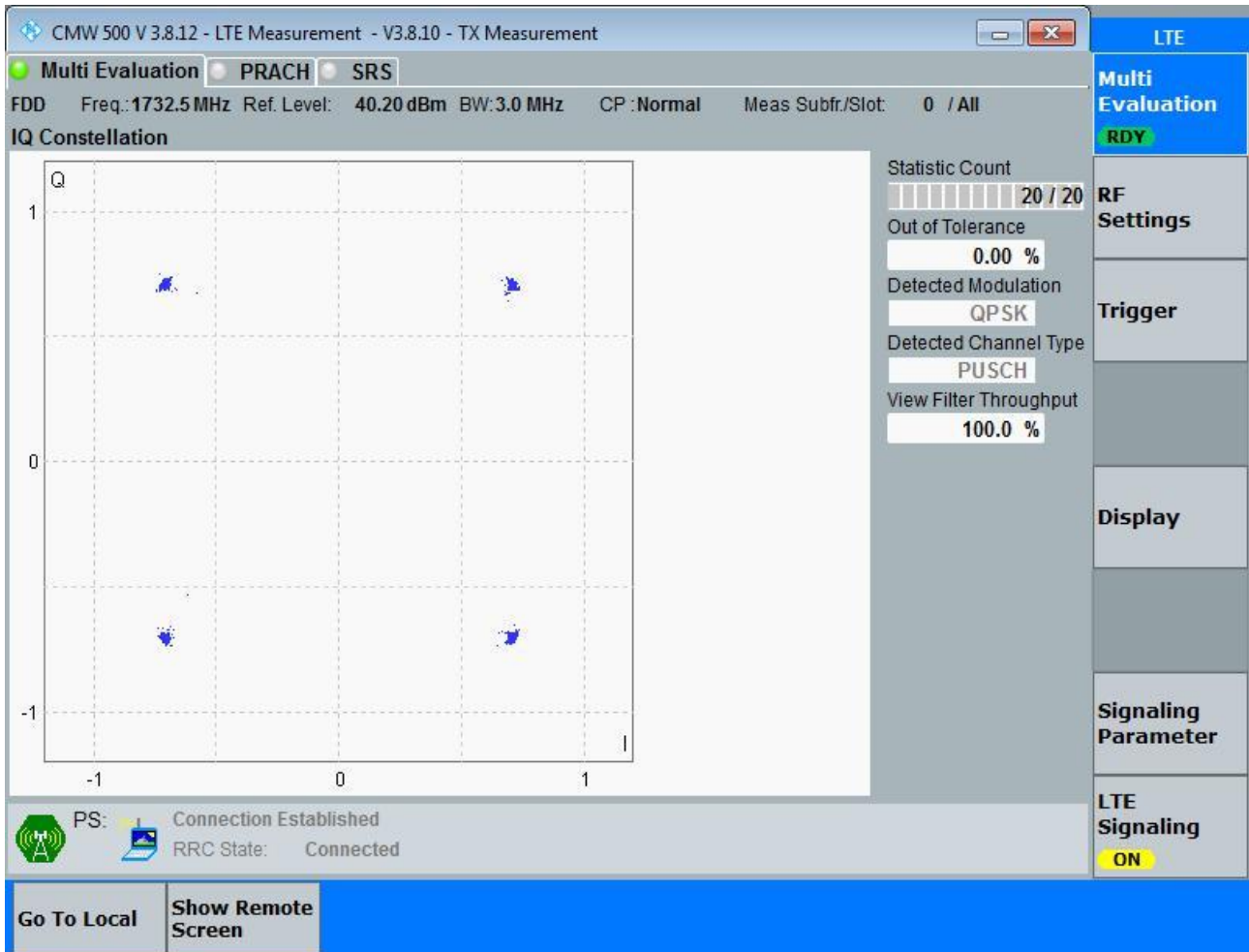
3.1.1.1.1.1.1 Test RB = RB#0



3.1.1.1.2 Test Bandwidth = 3MHz

3.1.1.1.2.1 Test Channel = MCH

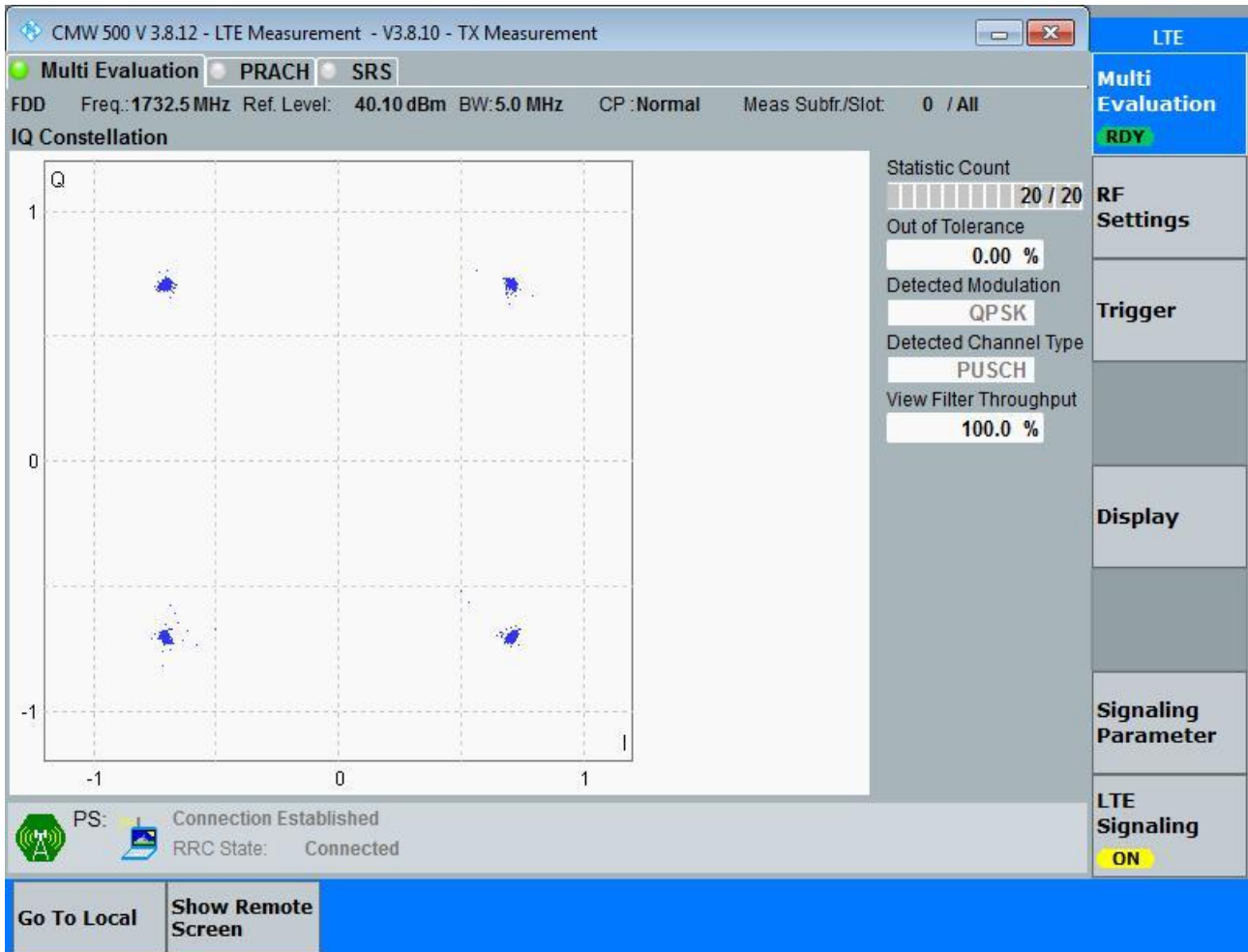
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5MHz

3.1.1.1.3.1 Test Channel = MCH

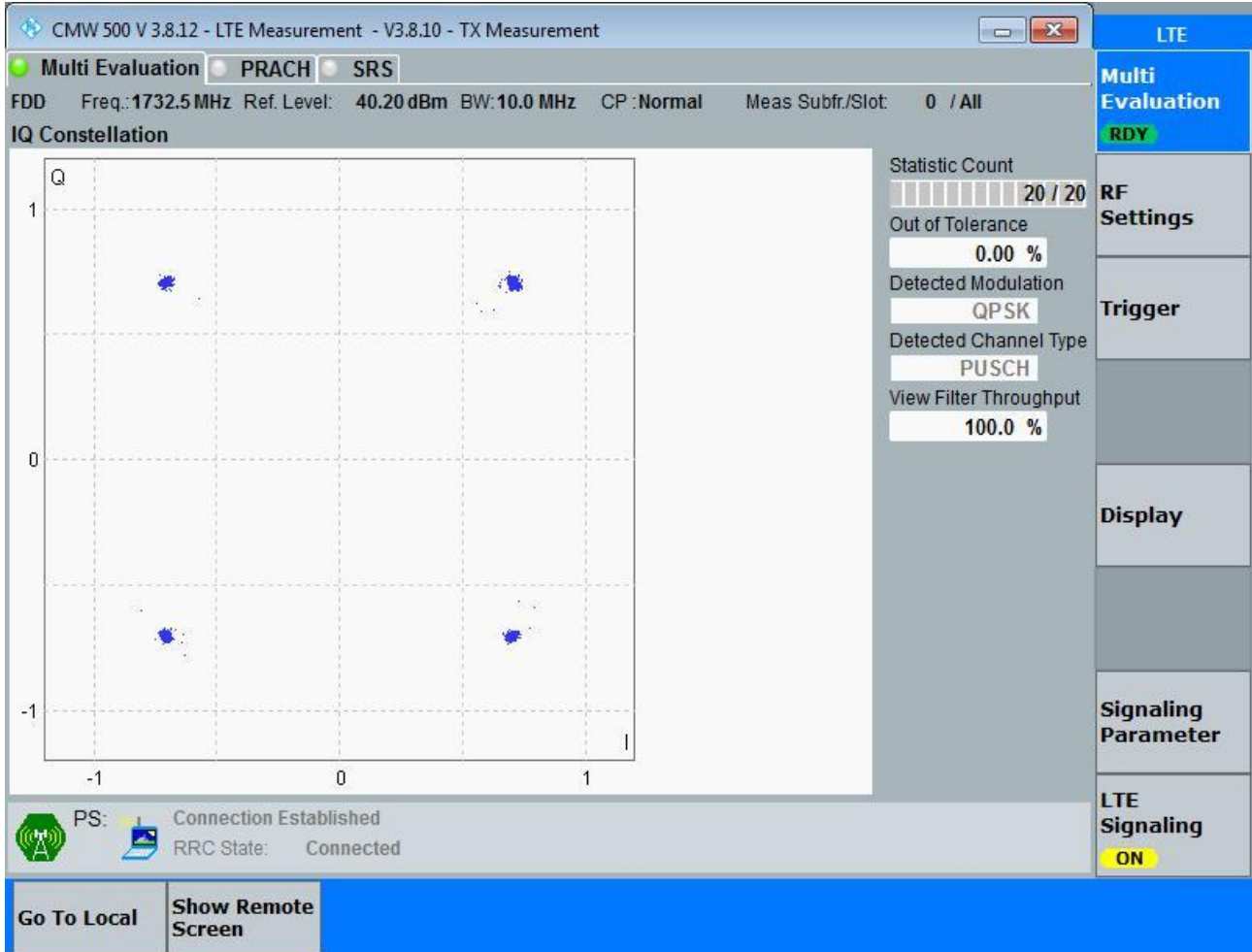
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10MHz

3.1.1.1.4.1 Test Channel = MCH

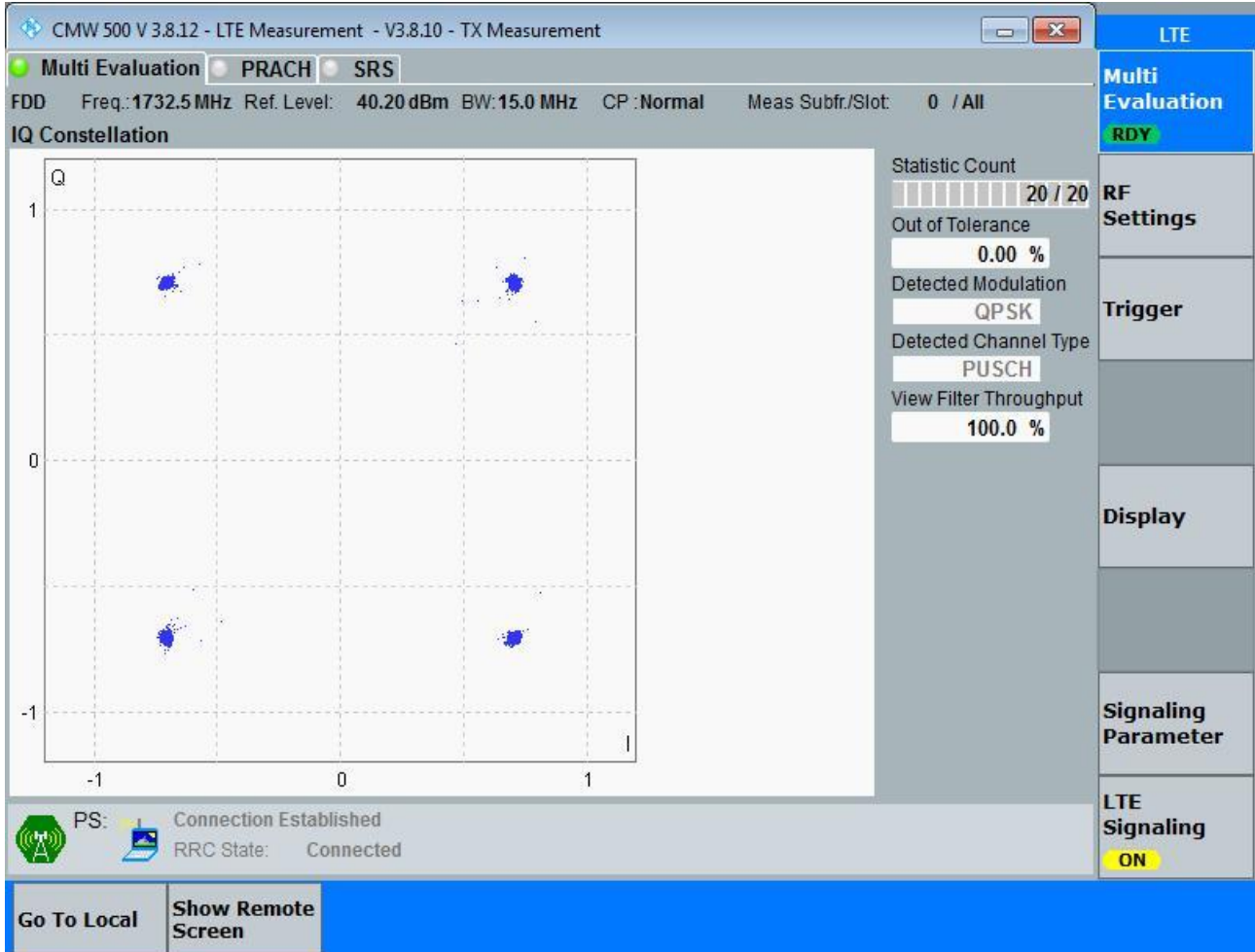
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15MHz

3.1.1.1.5.1 Test Channel = MCH

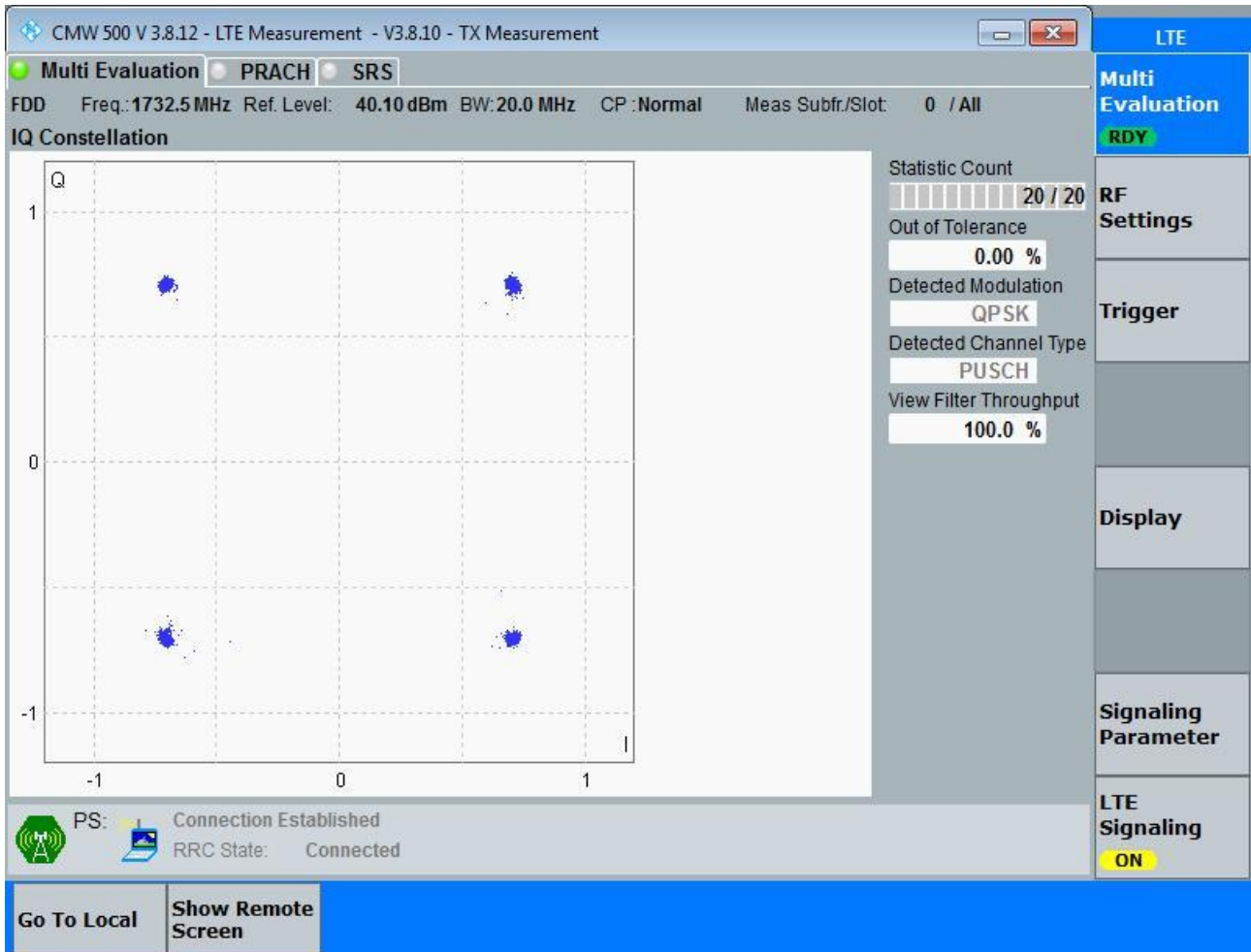
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20MHz

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

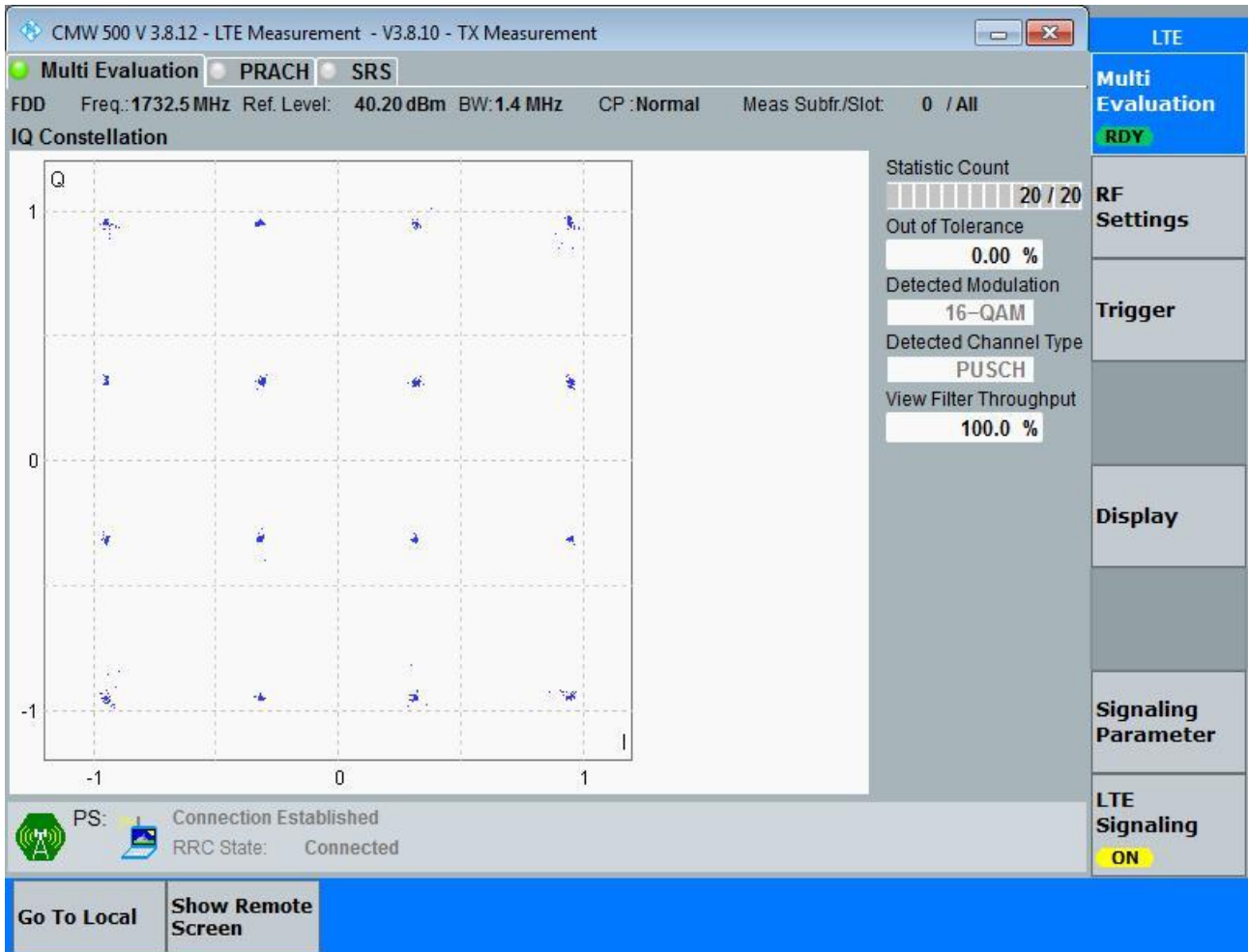


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4MHz

3.1.1.2.1.1 Test Channel = MCH

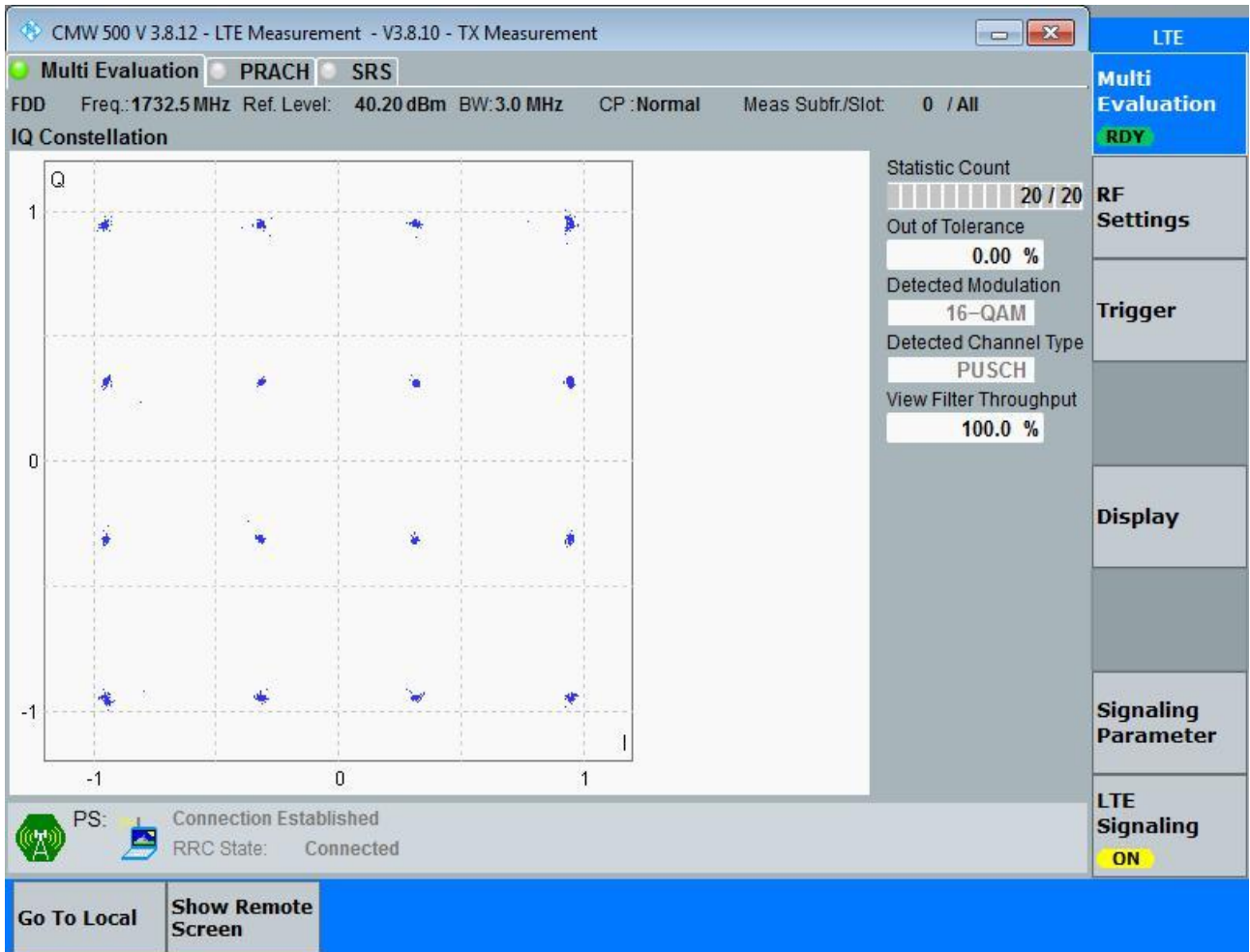
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3MHz

3.1.1.2.2.1 Test Channel = MCH

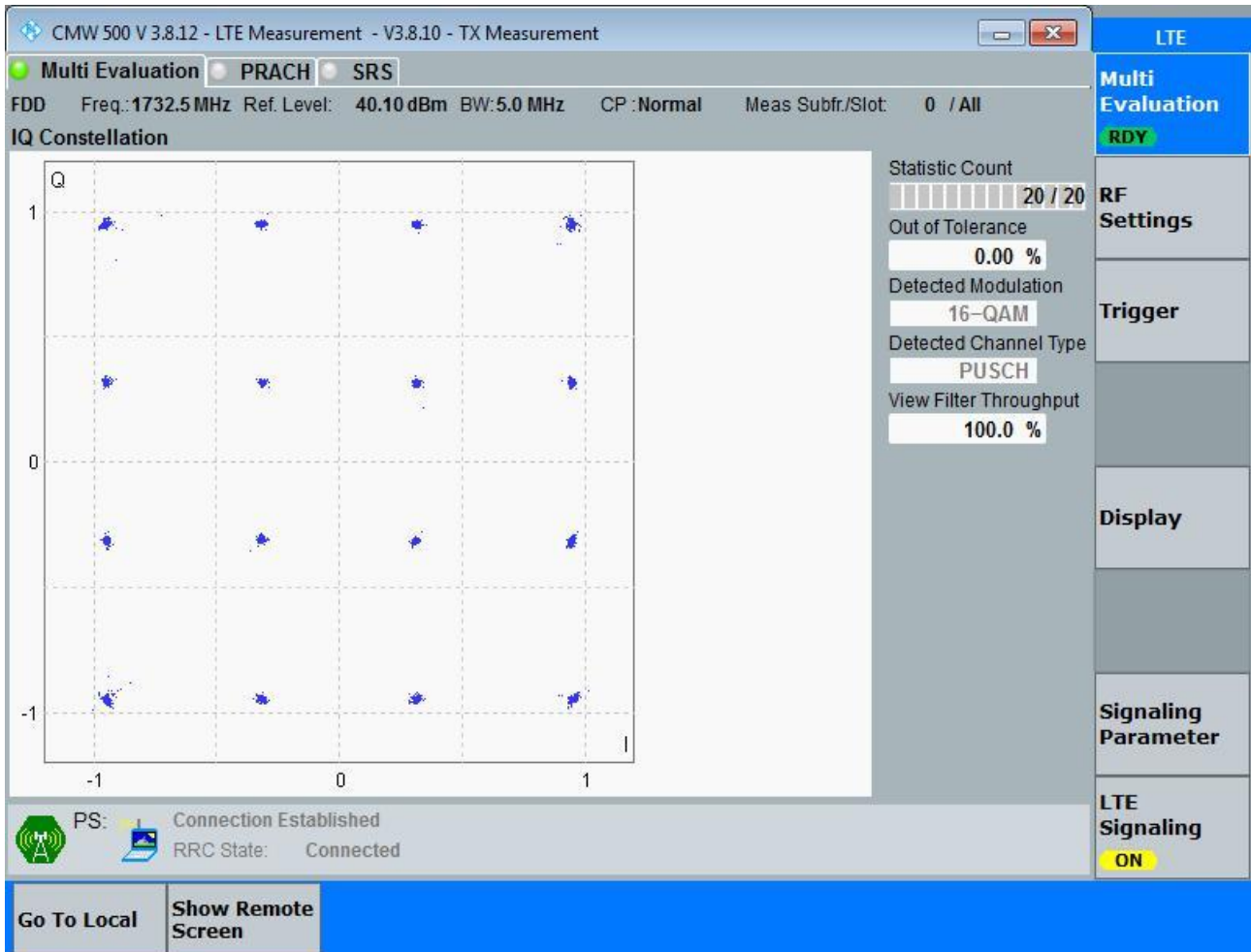
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5MHz

3.1.1.2.3.1 Test Channel = MCH

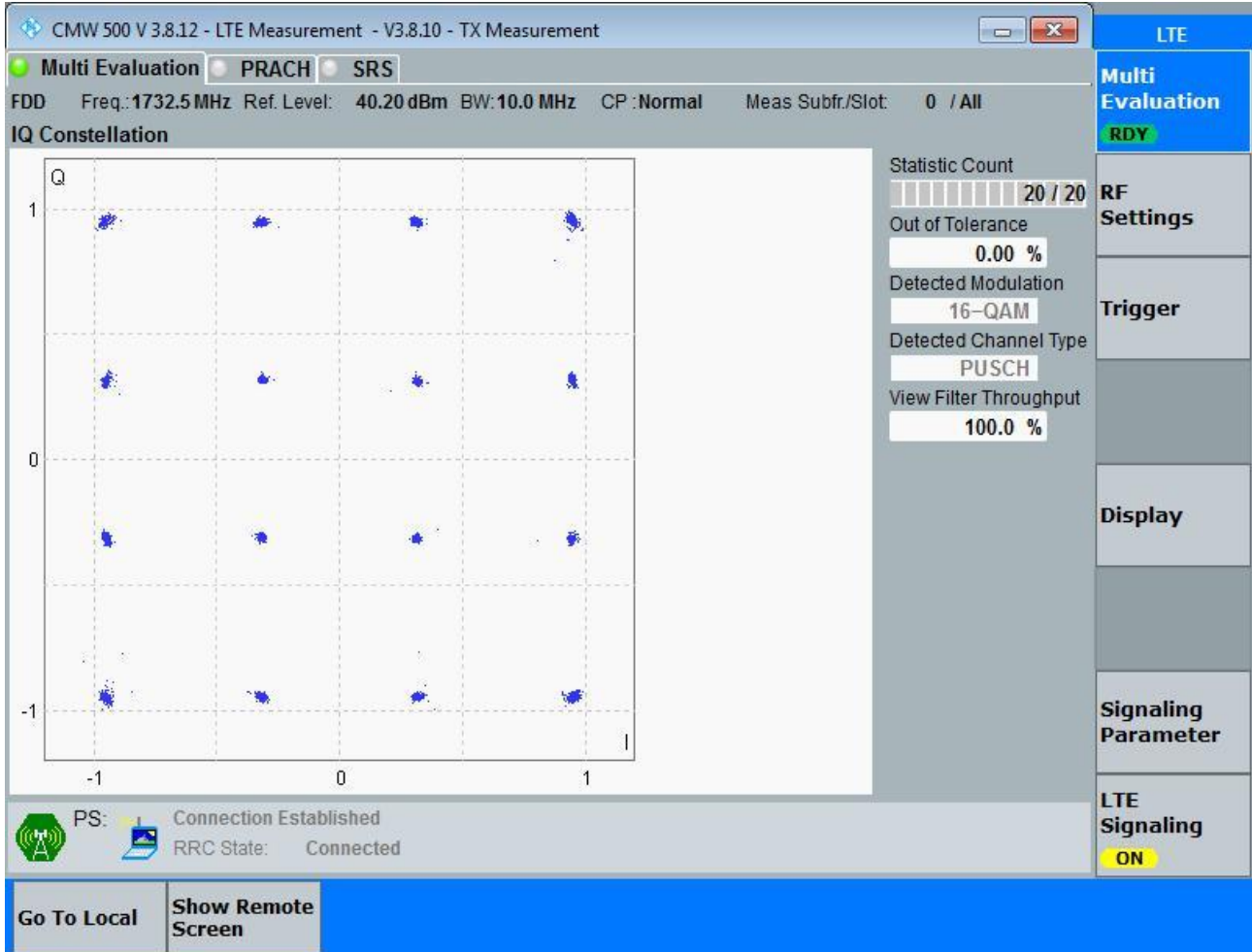
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10MHz

3.1.1.2.4.1 Test Channel = MCH

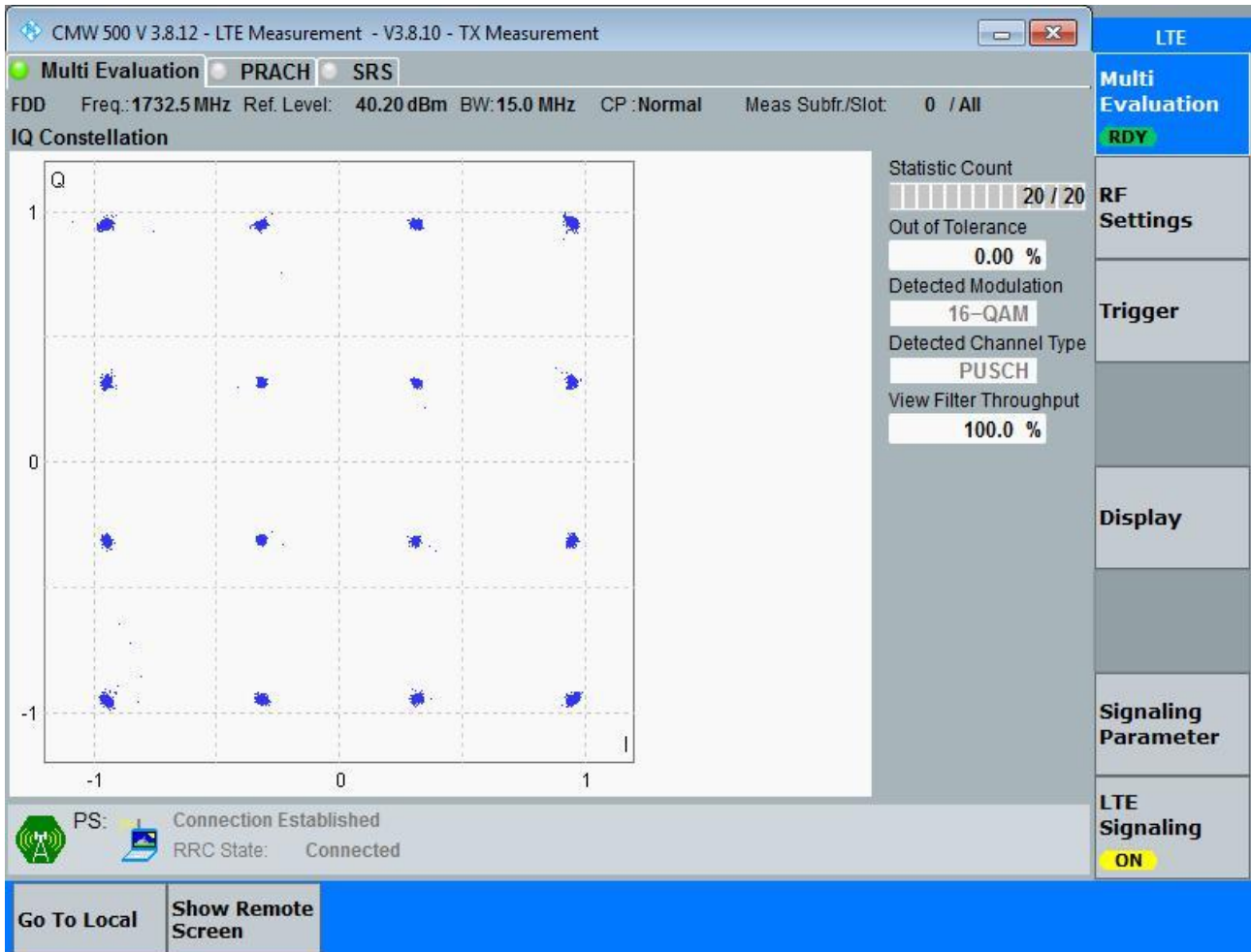
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15MHz

3.1.1.2.5.1 Test Channel = MCH

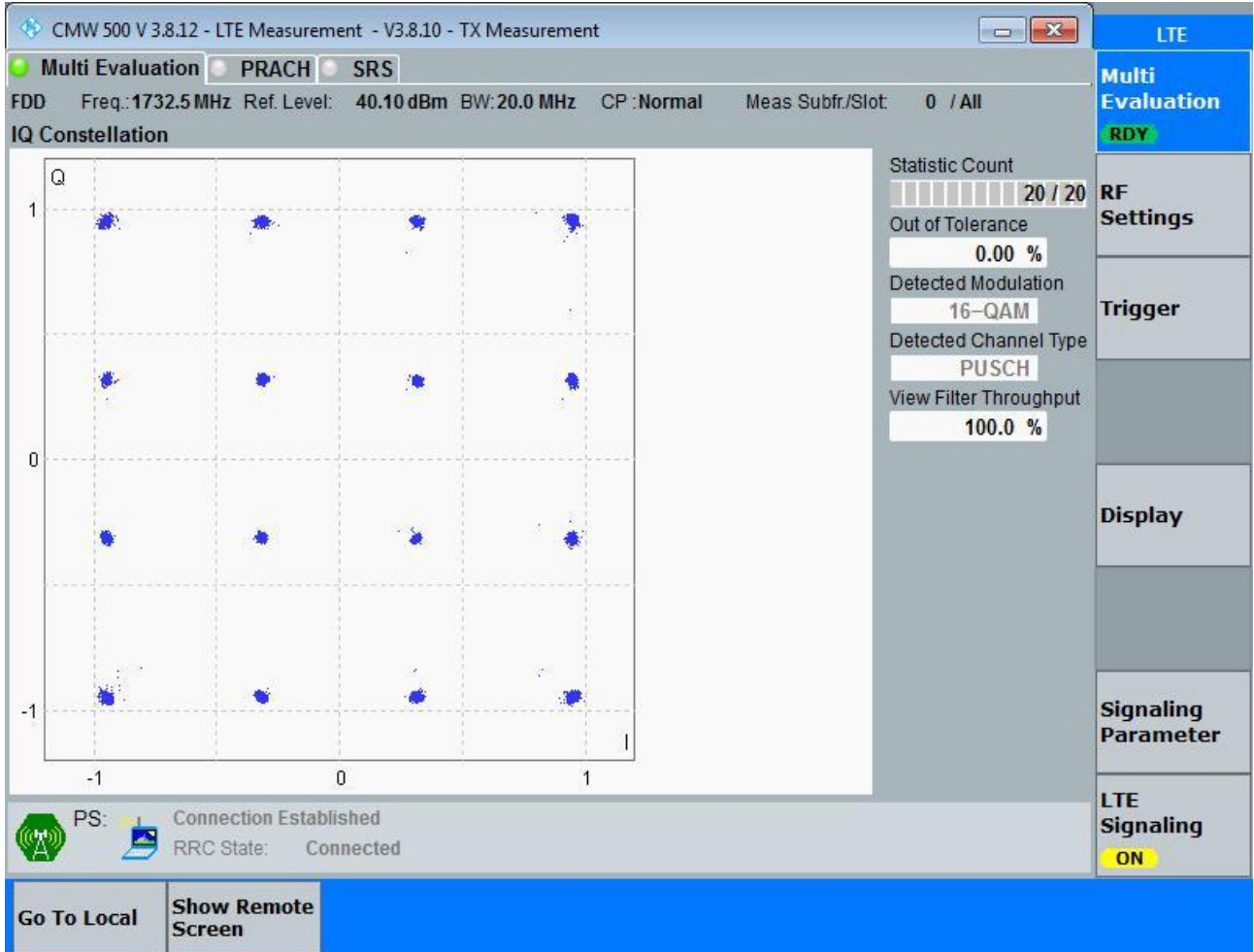
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20MHz

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0





4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.08	1.28	Pass
			HCH	RB6#0	1.10	1.30	Pass
		3	LCH	RB15#0	2.70	2.91	Pass
			MCH	RB15#0	2.69	2.94	Pass
			HCH	RB15#0	2.69	2.93	Pass
		5	LCH	RB25#0	4.50	4.92	Pass
			MCH	RB25#0	4.53	5.47	Pass
			HCH	RB25#0	4.51	4.90	Pass
		10	LCH	RB50#0	8.97	9.76	Pass
			MCH	RB50#0	8.98	9.81	Pass
			HCH	RB50#0	9.02	10.54	Pass
		15	LCH	RB75#0	13.43	14.56	Pass
			MCH	RB75#0	13.49	14.63	Pass
			HCH	RB75#0	13.47	14.56	Pass
		20	LCH	RB100#0	17.96	19.32	Pass
			MCH	RB100#0	17.95	19.44	Pass
			HCH	RB100#0	17.94	19.31	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.30	Pass
			MCH	RB6#0	1.09	1.30	Pass
			HCH	RB6#0	1.09	1.28	Pass
		3	LCH	RB15#0	2.69	2.92	Pass
			MCH	RB15#0	2.69	2.93	Pass
			HCH	RB15#0	2.69	2.93	Pass
		5	LCH	RB25#0	4.49	4.92	Pass
			MCH	RB25#0	4.51	5.33	Pass
			HCH	RB25#0	4.49	4.90	Pass
		10	LCH	RB50#0	8.97	9.72	Pass
			MCH	RB50#0	8.99	9.75	Pass
			HCH	RB50#0	9.00	9.72	Pass
15	LCH	RB75#0	13.46	14.59	Pass		
	MCH	RB75#0	13.48	14.59	Pass		
	HCH	RB75#0	13.47	14.54	Pass		
20	LCH	RB100#0	17.93	19.62	Pass		

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	17.99	19.27	Pass
			HCH	RB100#0	17.95	19.34	Pass

Part II - Test Plots

4.1 For LTE

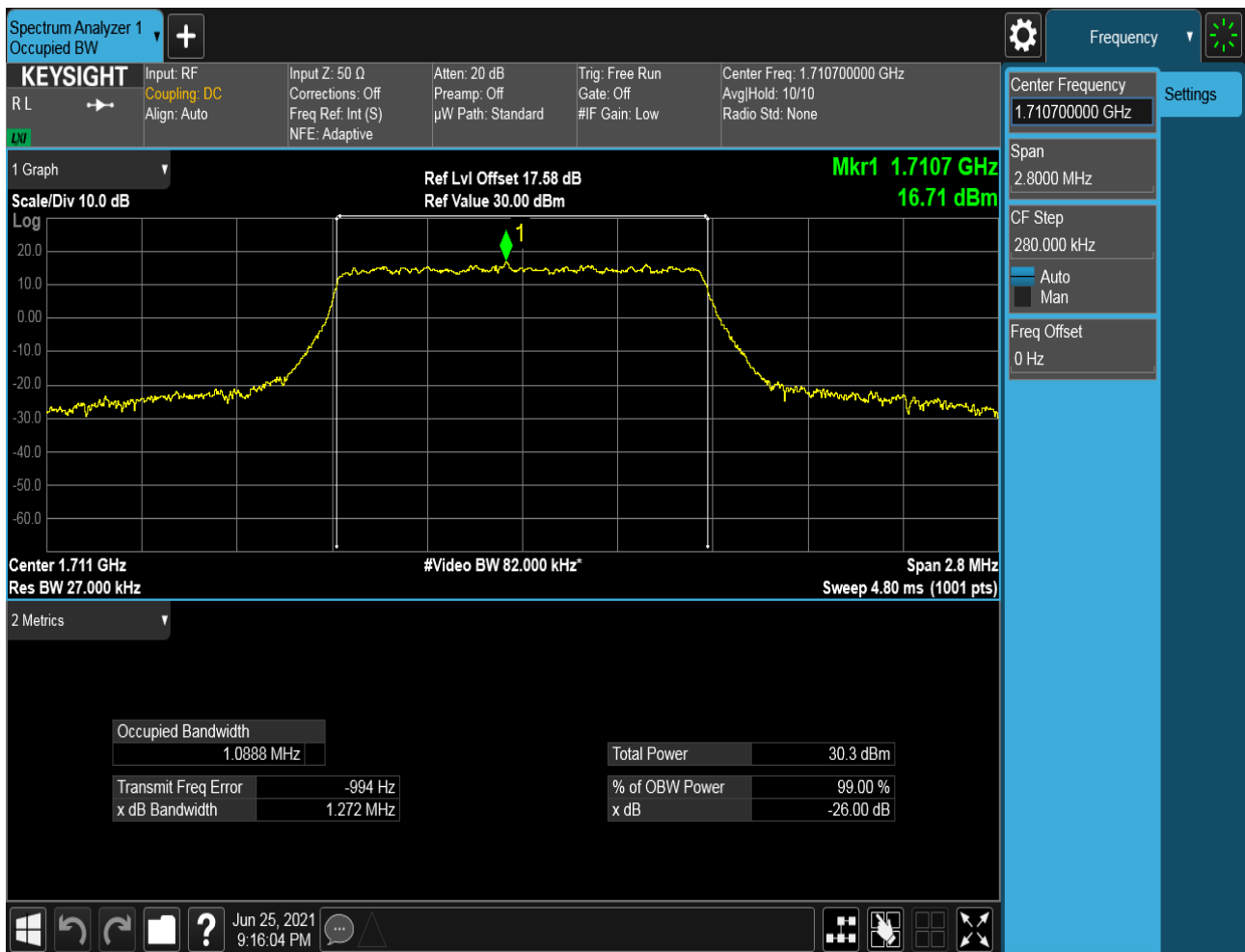
4.1.1 Test Band = Band4

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4MHz

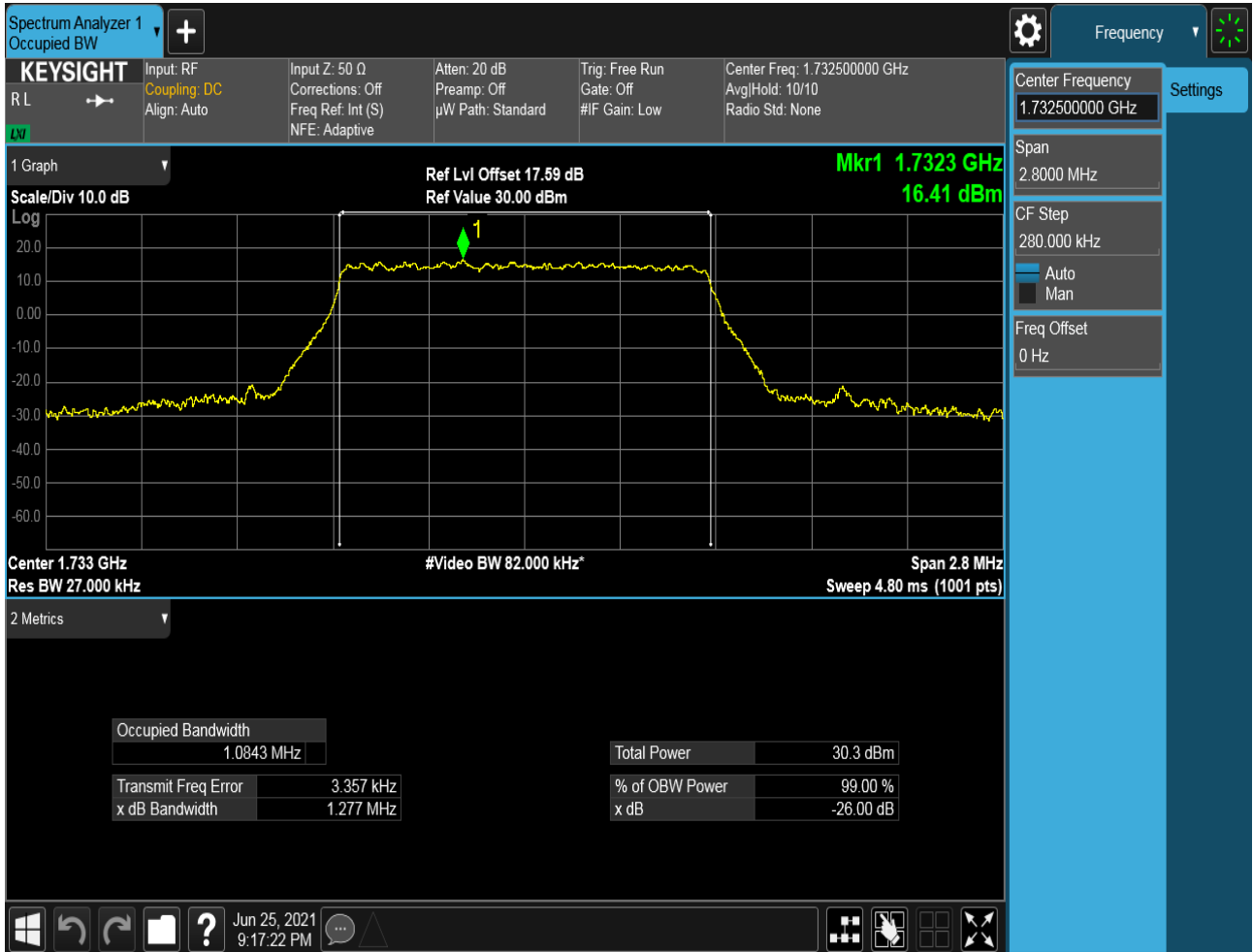
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



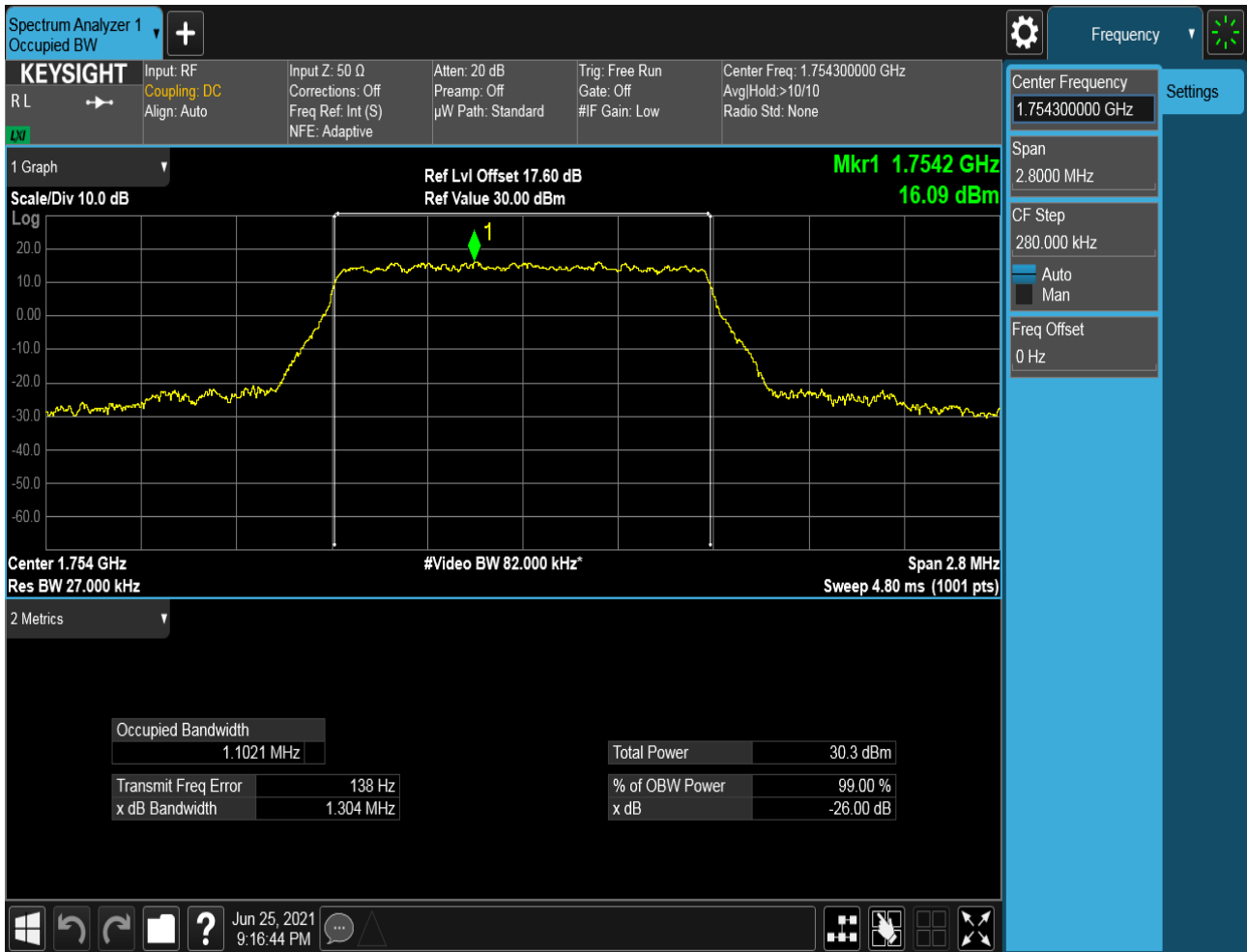
4.1.1.1.1.2 Test Channel = MCH

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

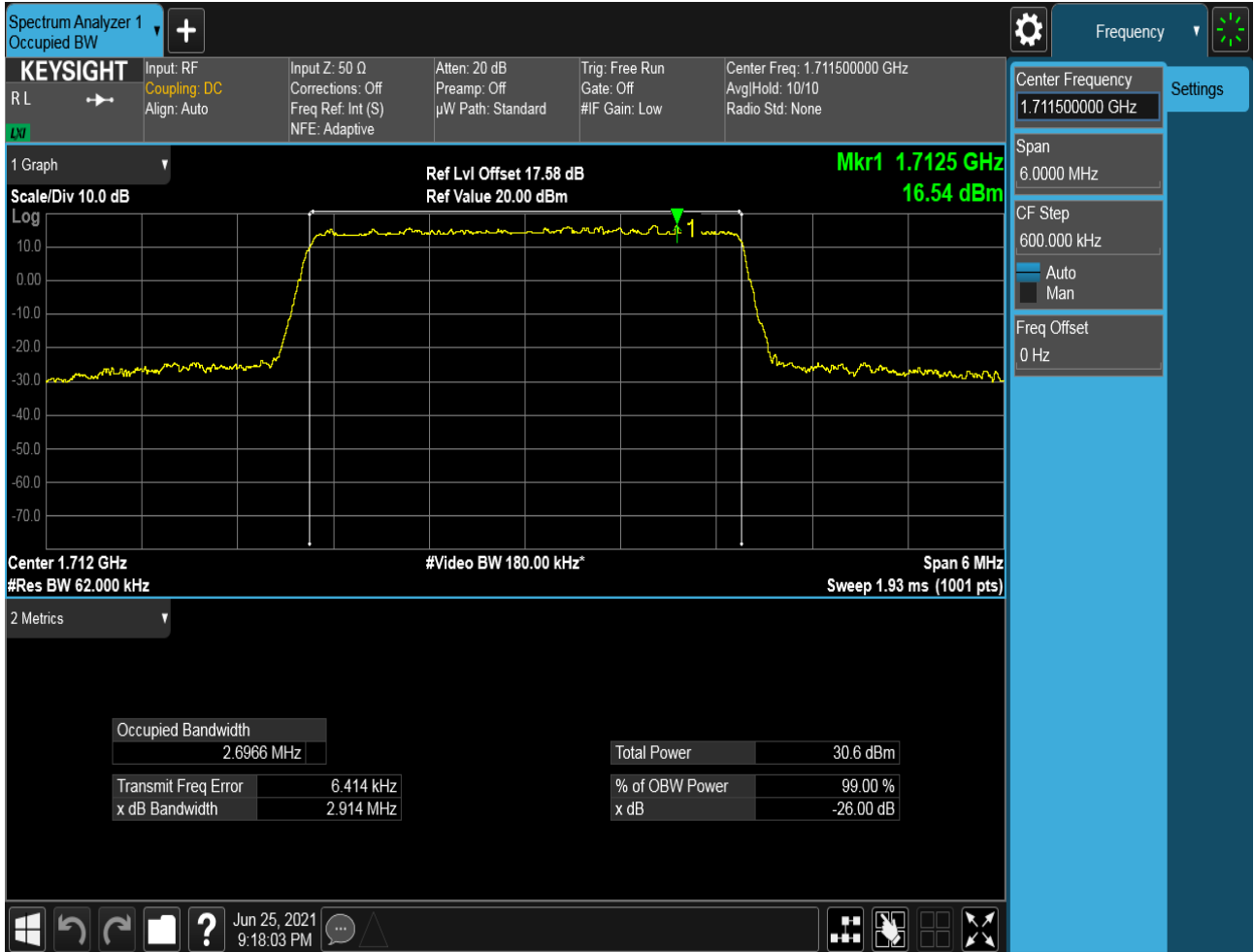




4.1.1.1.2 Test Bandwidth = 3MHz

4.1.1.1.2.1 Test Channel = LCH

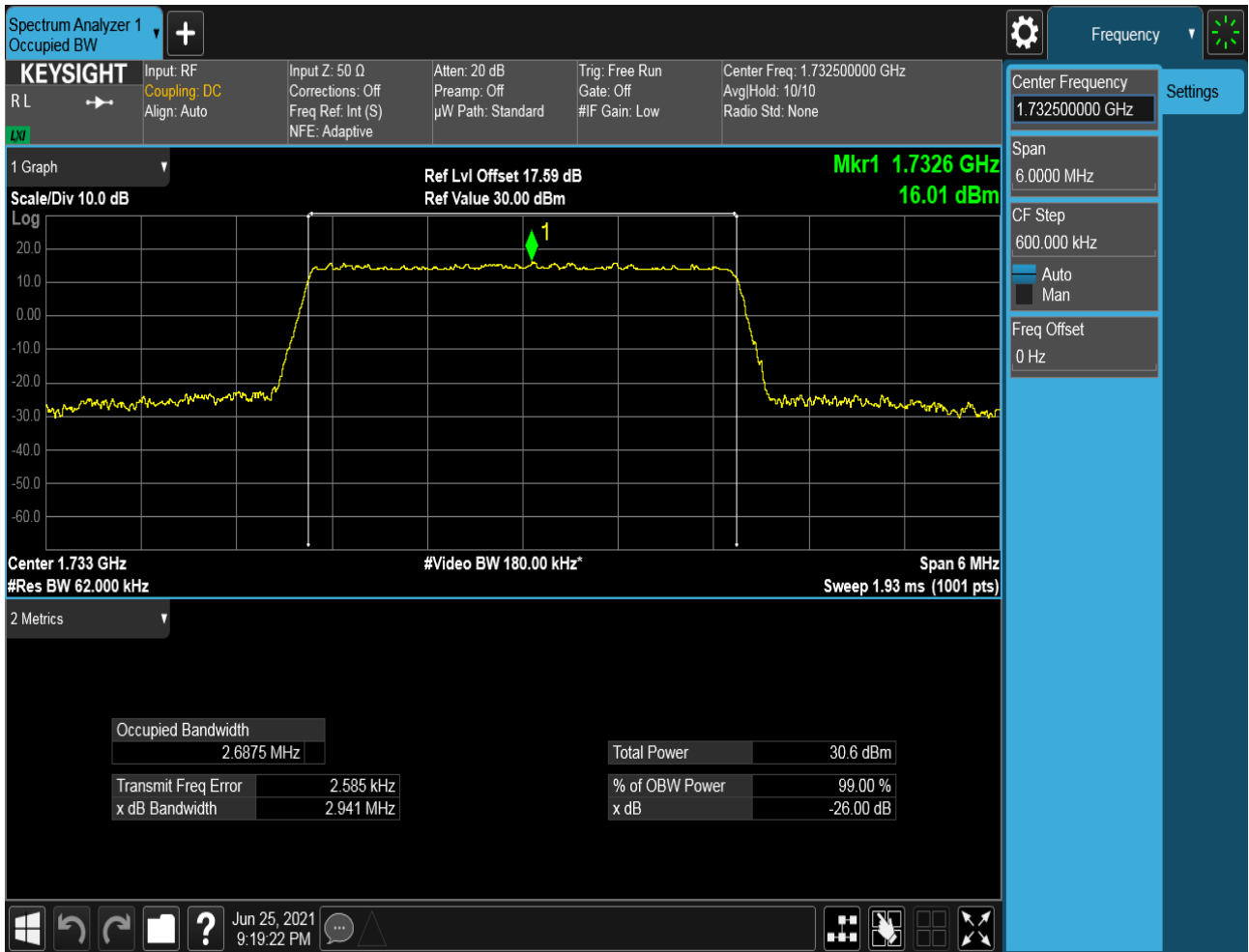
4.1.1.1.2.1.1 Test RB = RB15#0





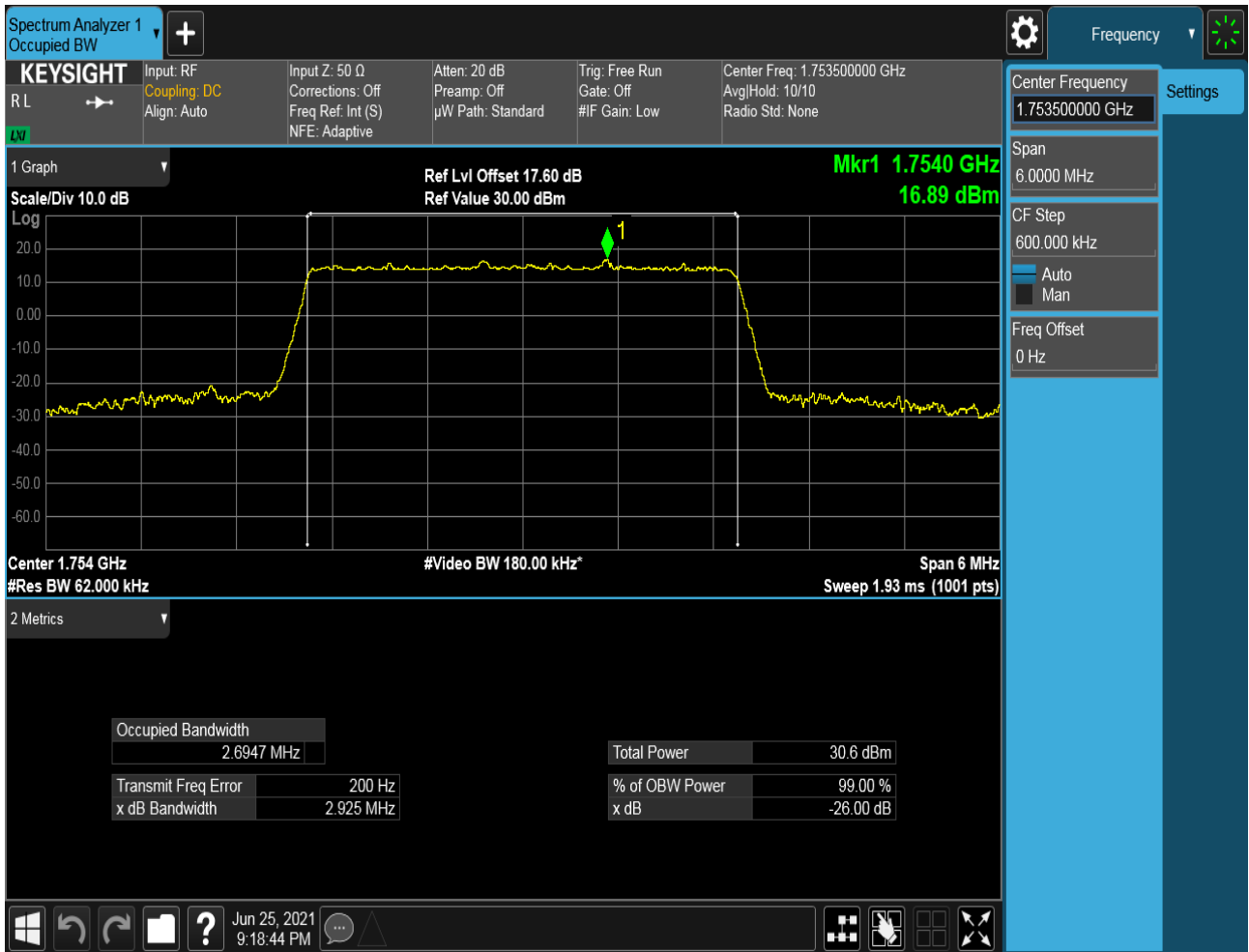
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

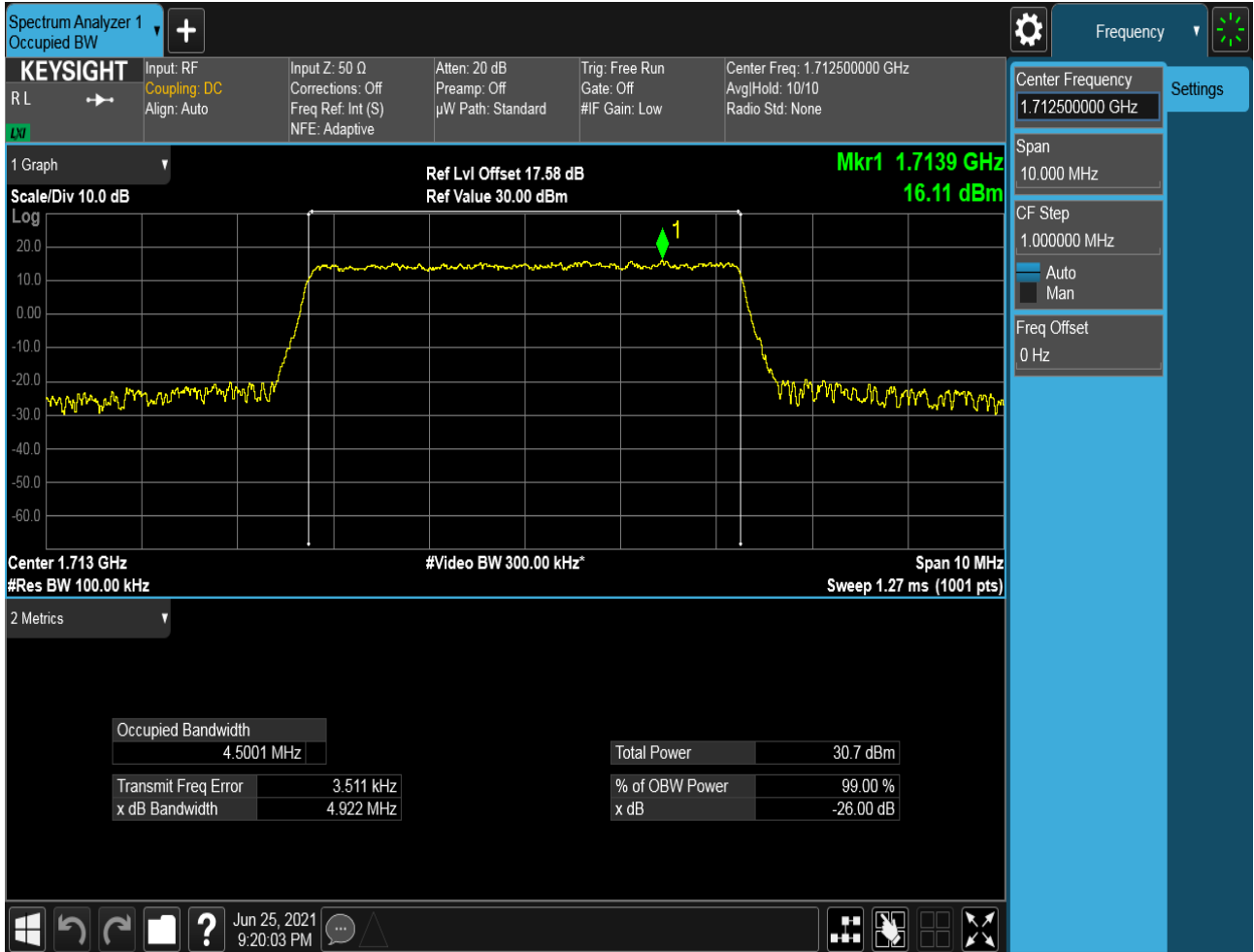
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5MHz

4.1.1.1.3.1 Test Channel = LCH

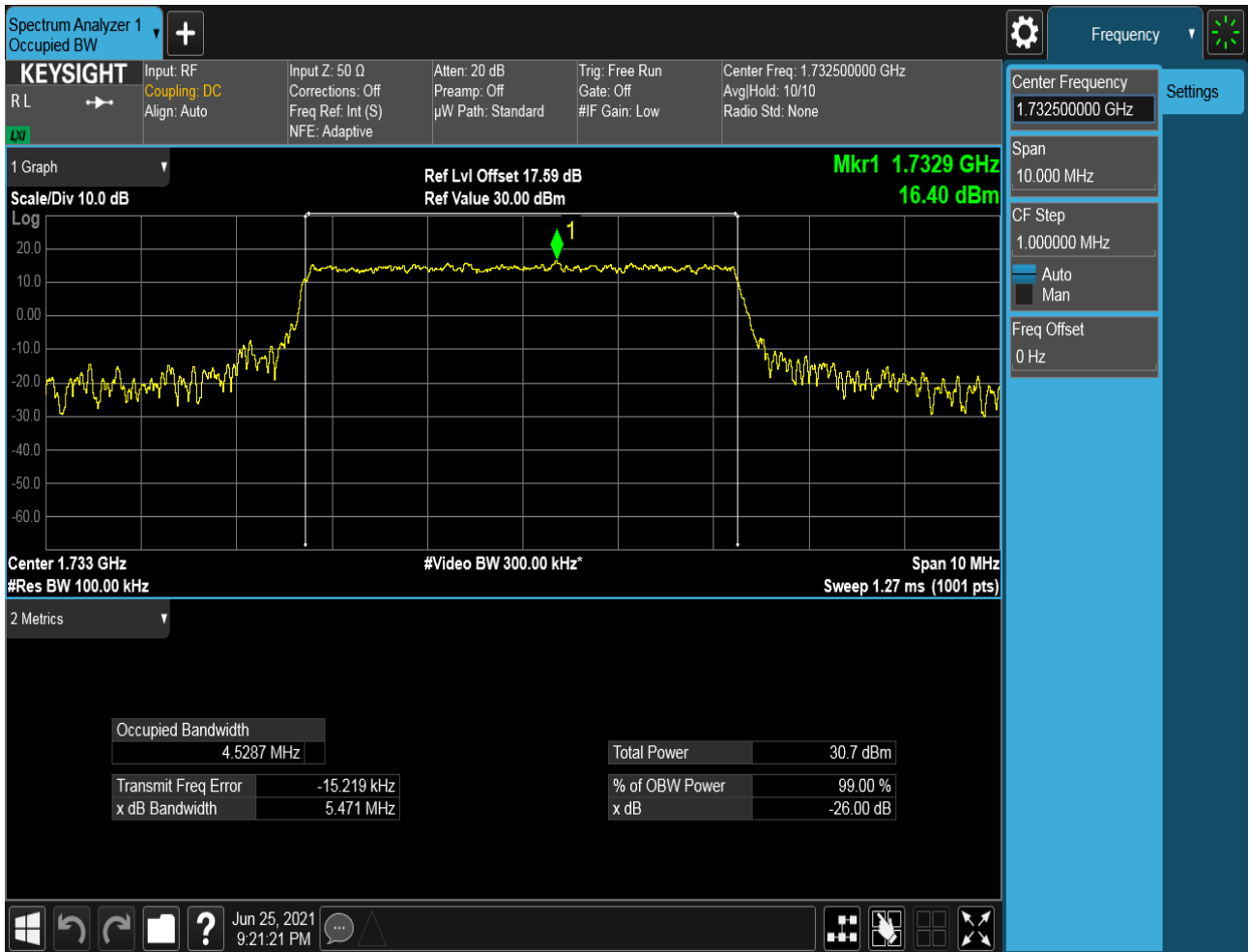
4.1.1.1.3.1.1 Test RB = RB25#0





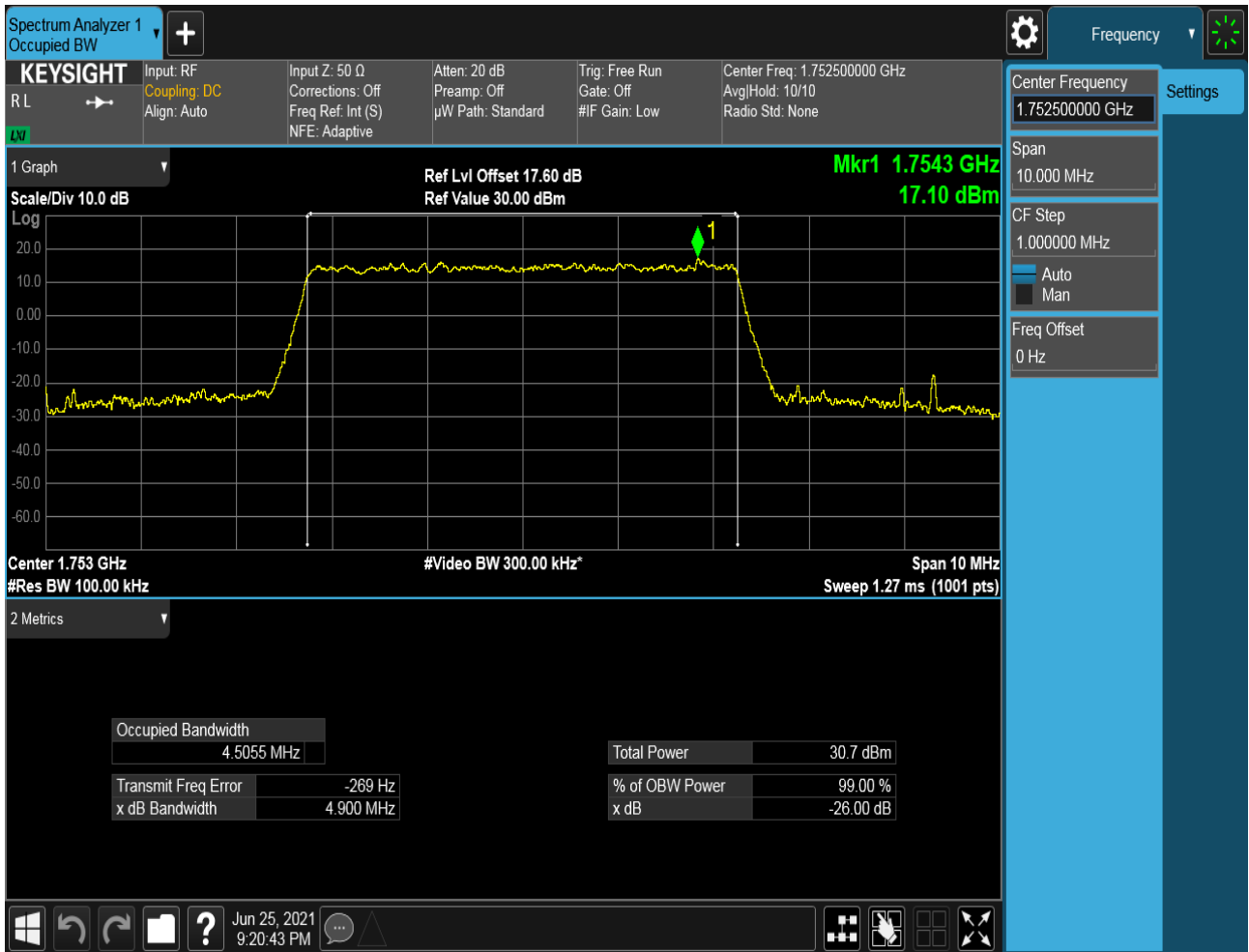
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

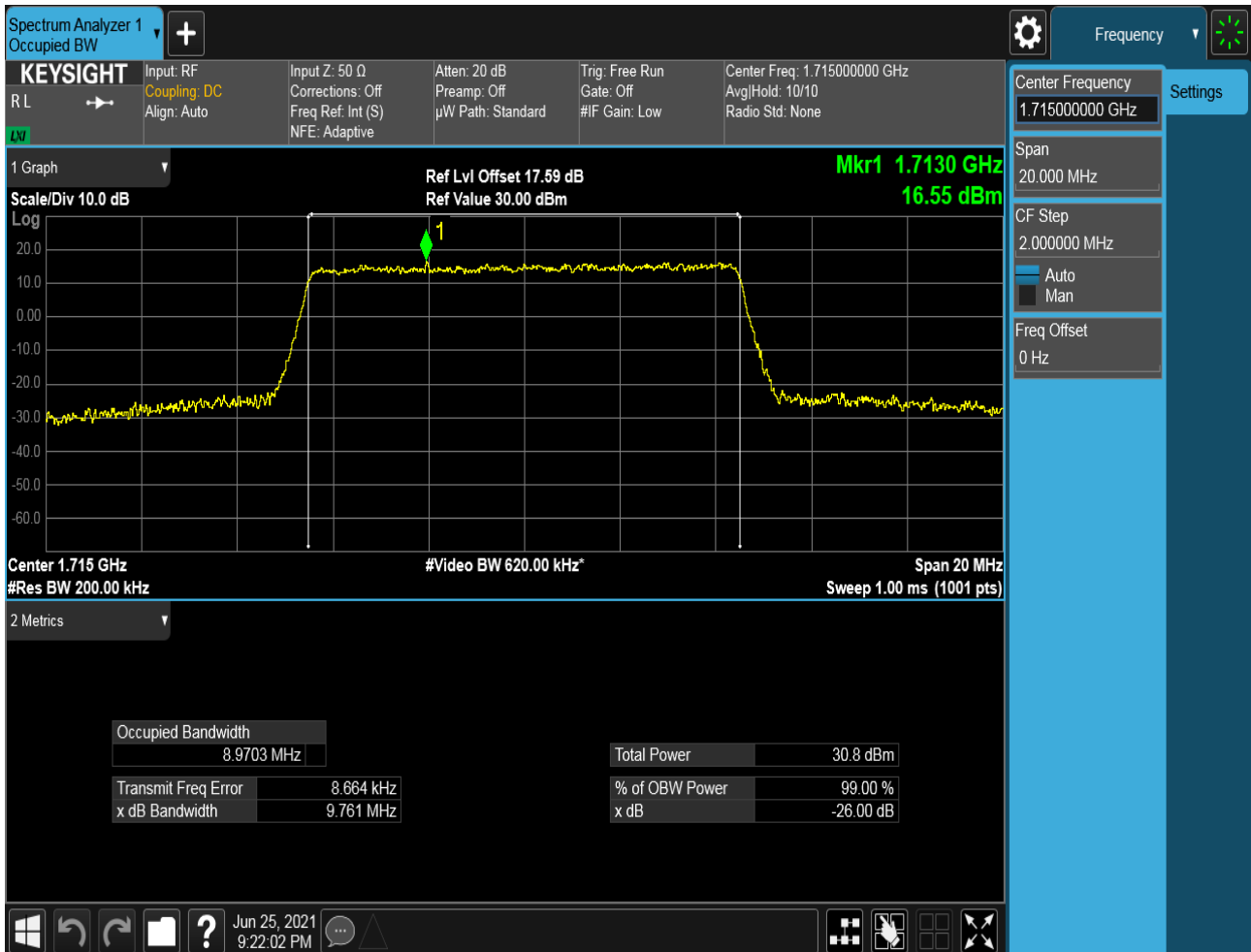
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10MHz

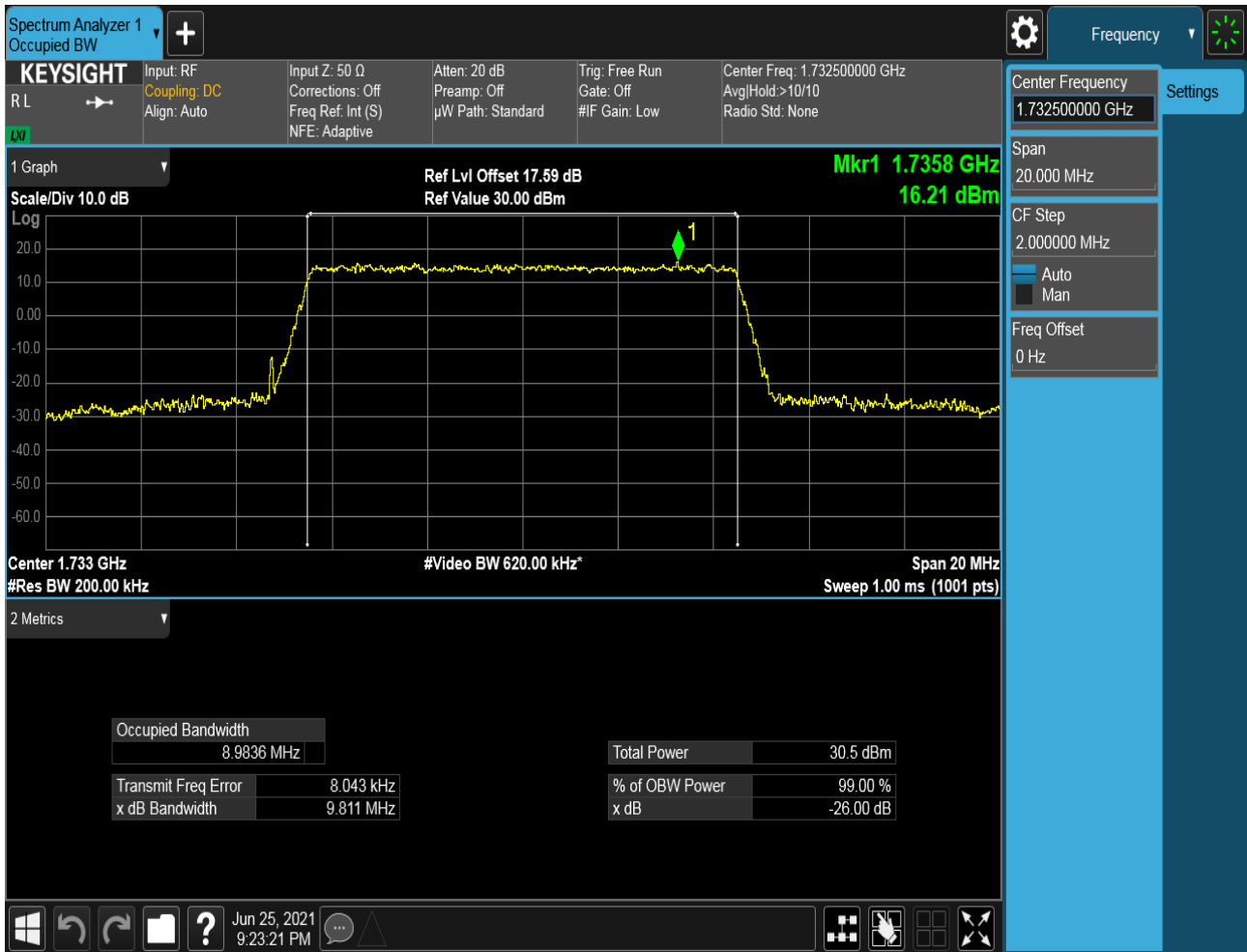
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



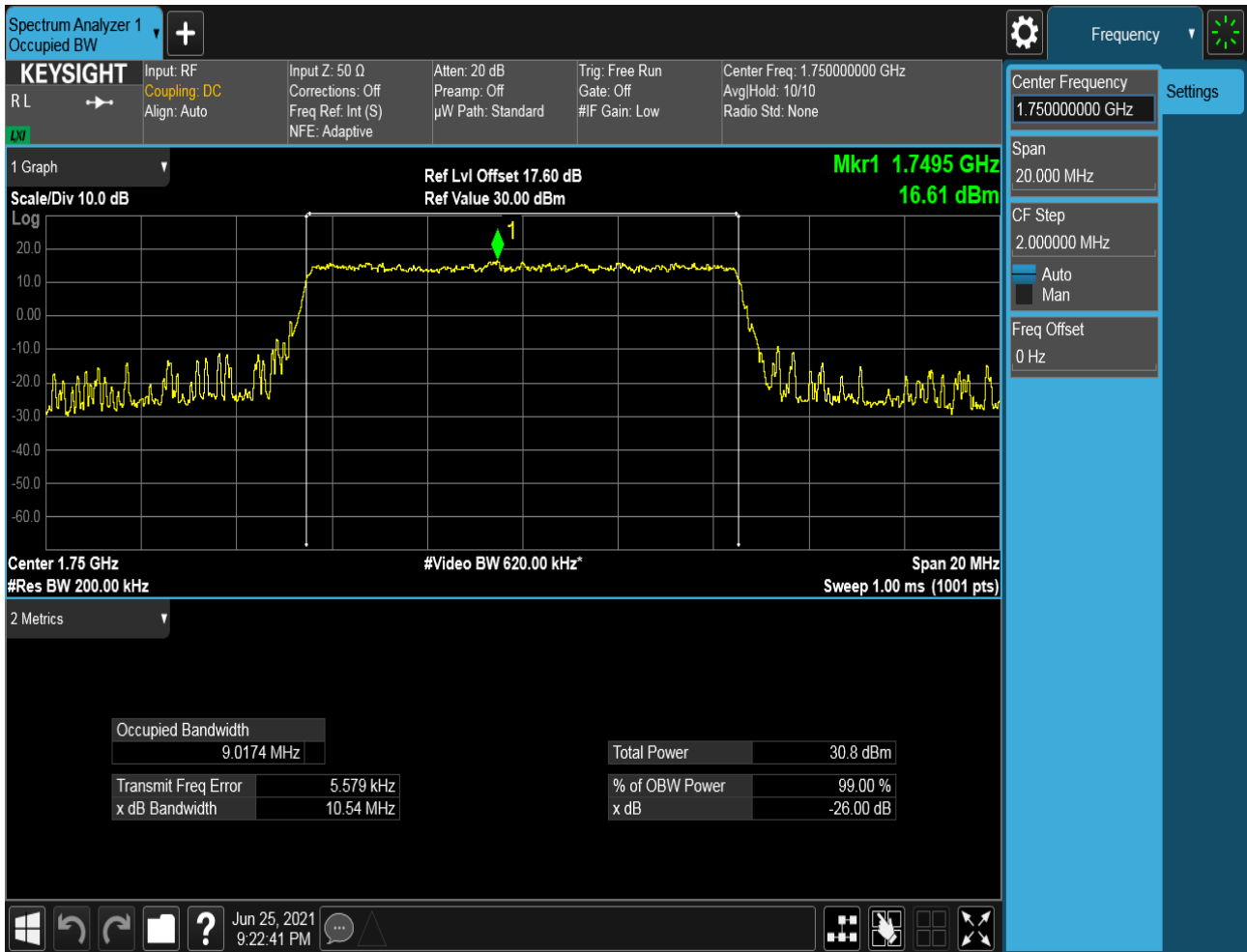
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

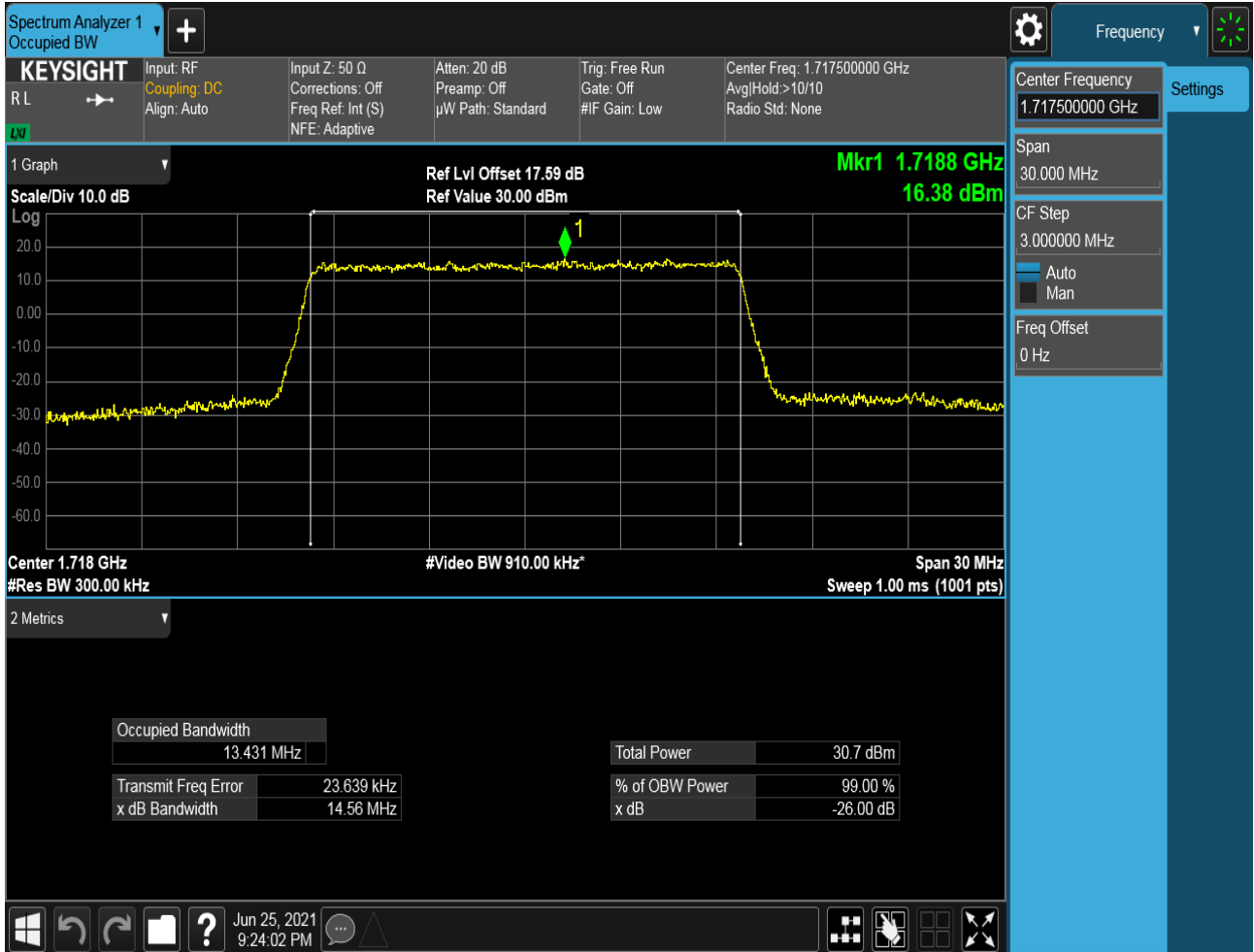
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15MHz

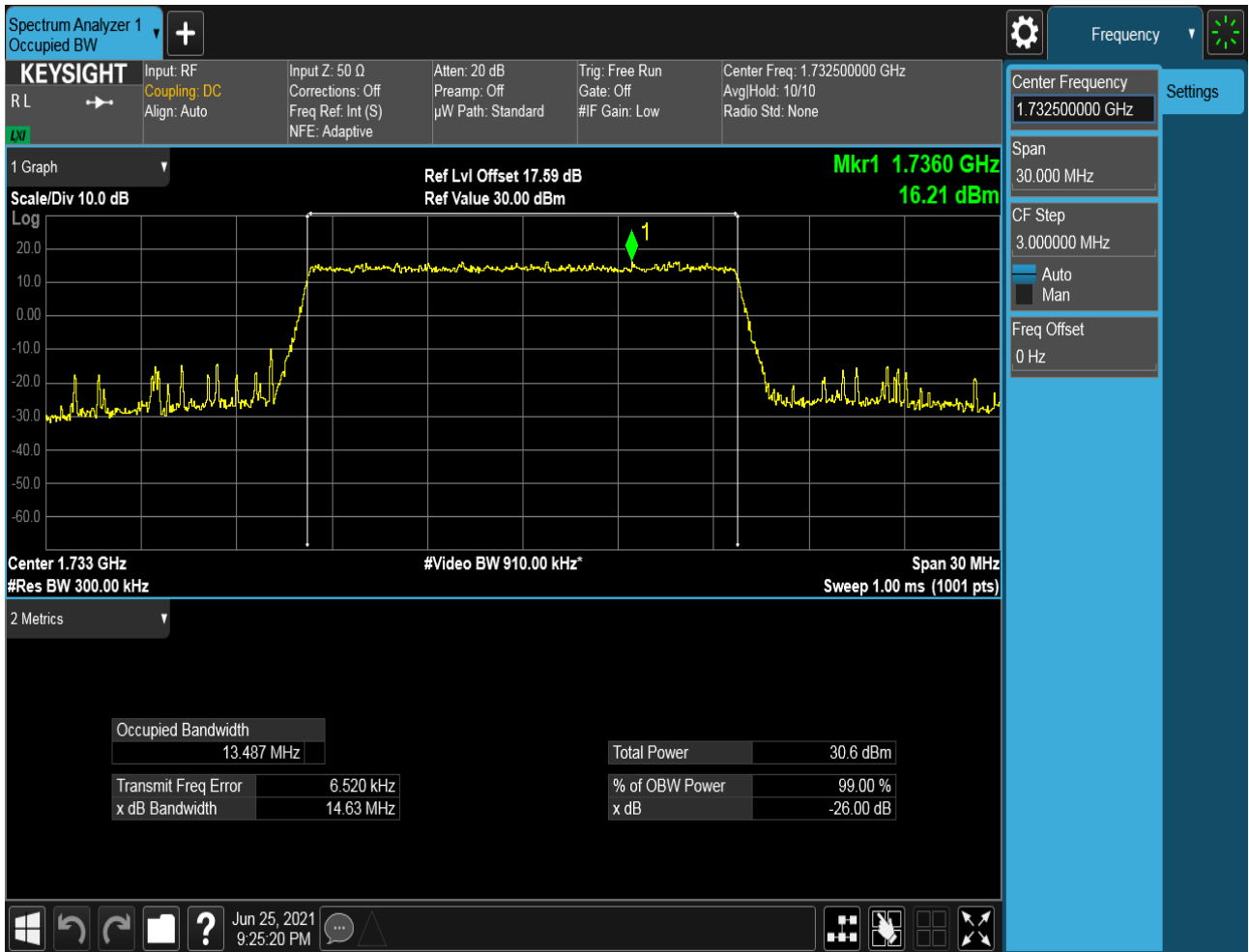
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



4.1.1.1.5.2 Test Channel = MCH

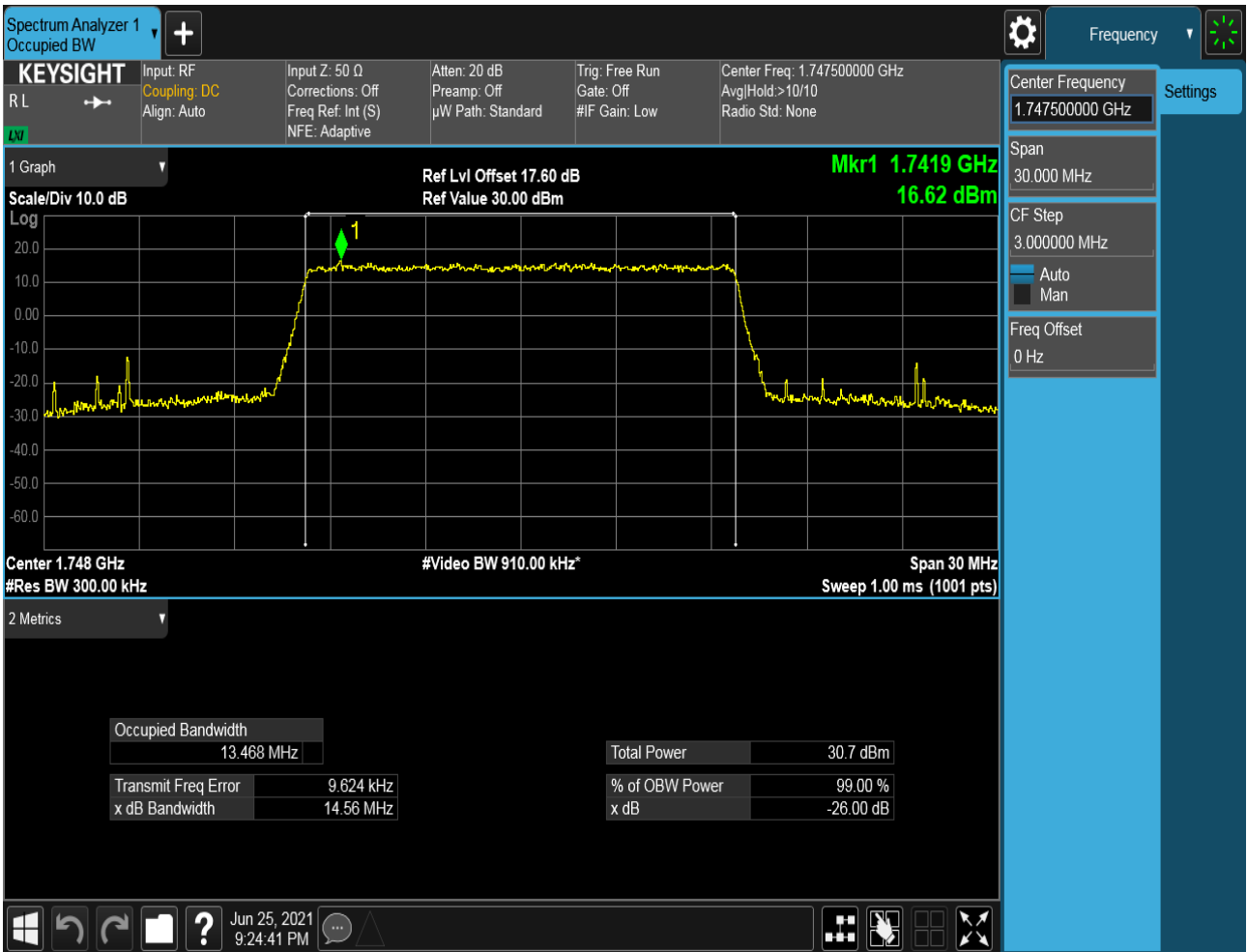
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

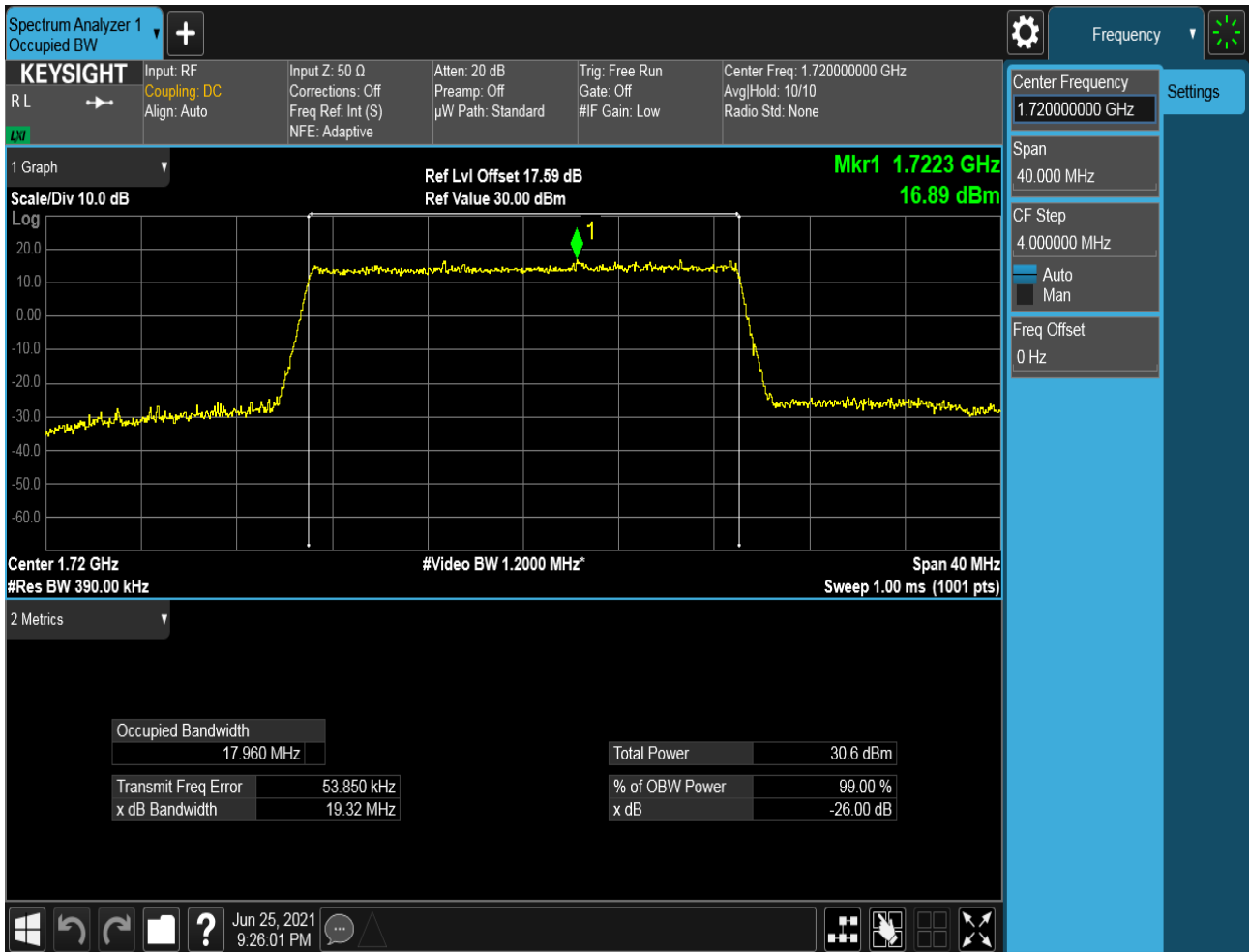
4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20MHz

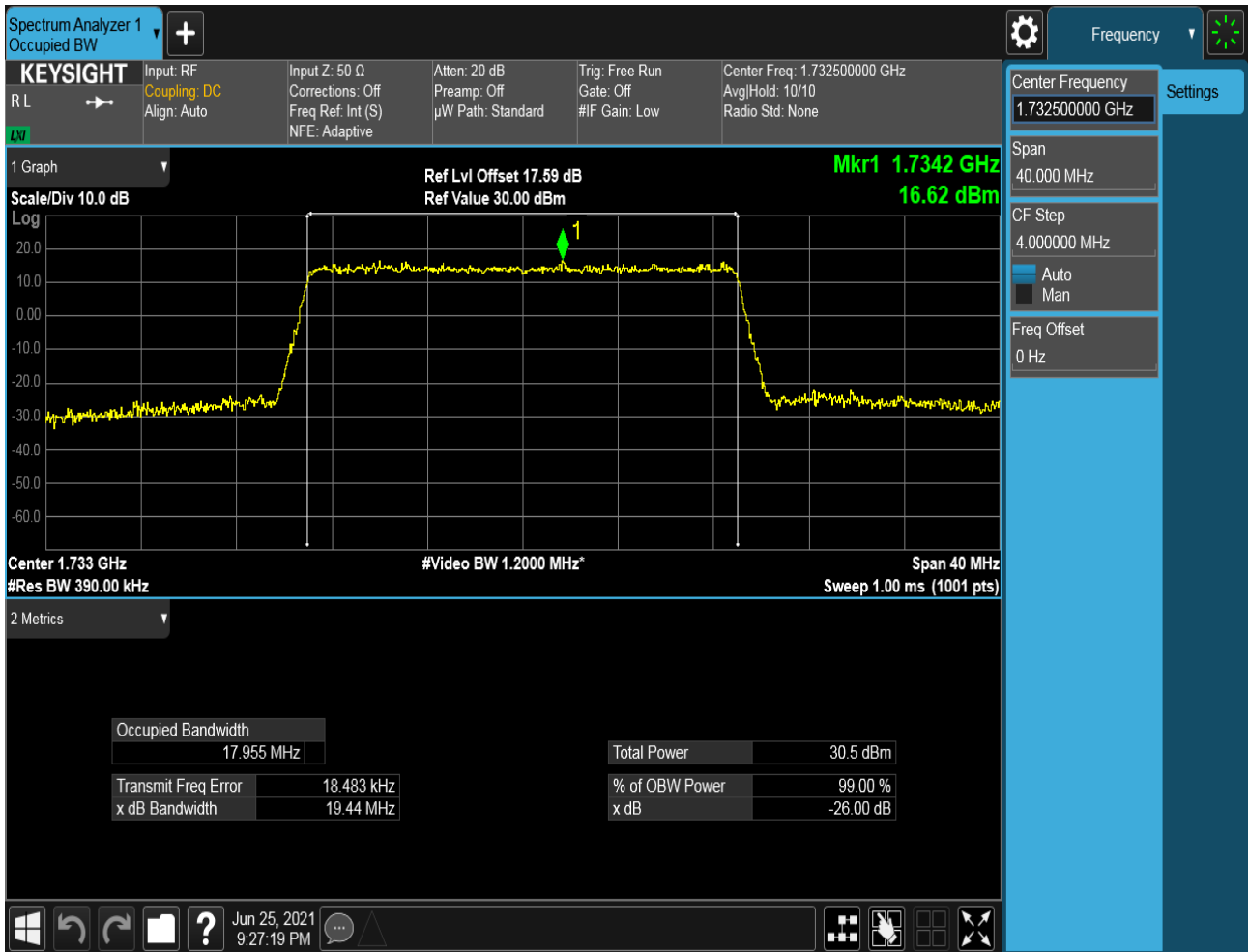
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



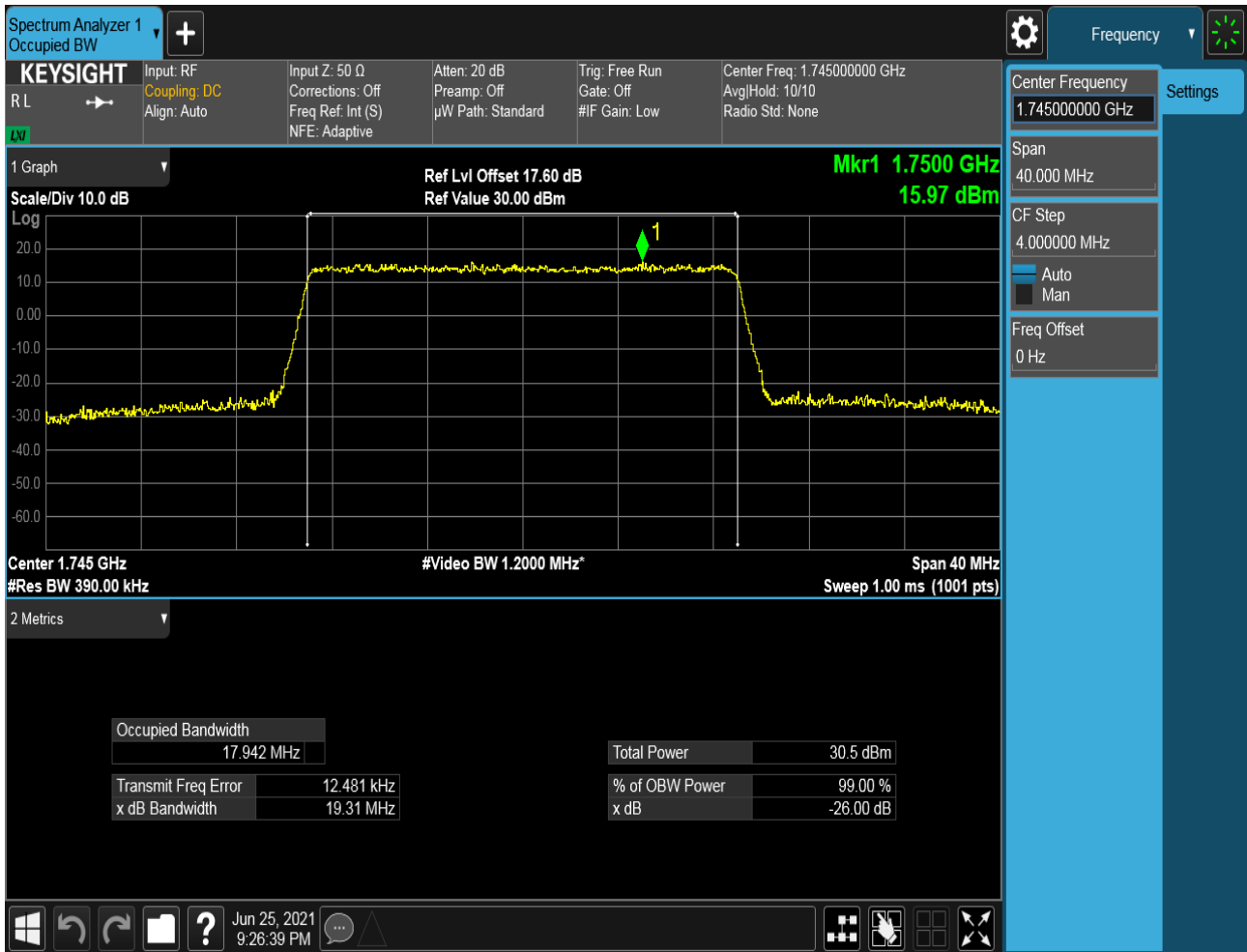
4.1.1.1.6.2 Test Channel = MCH

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



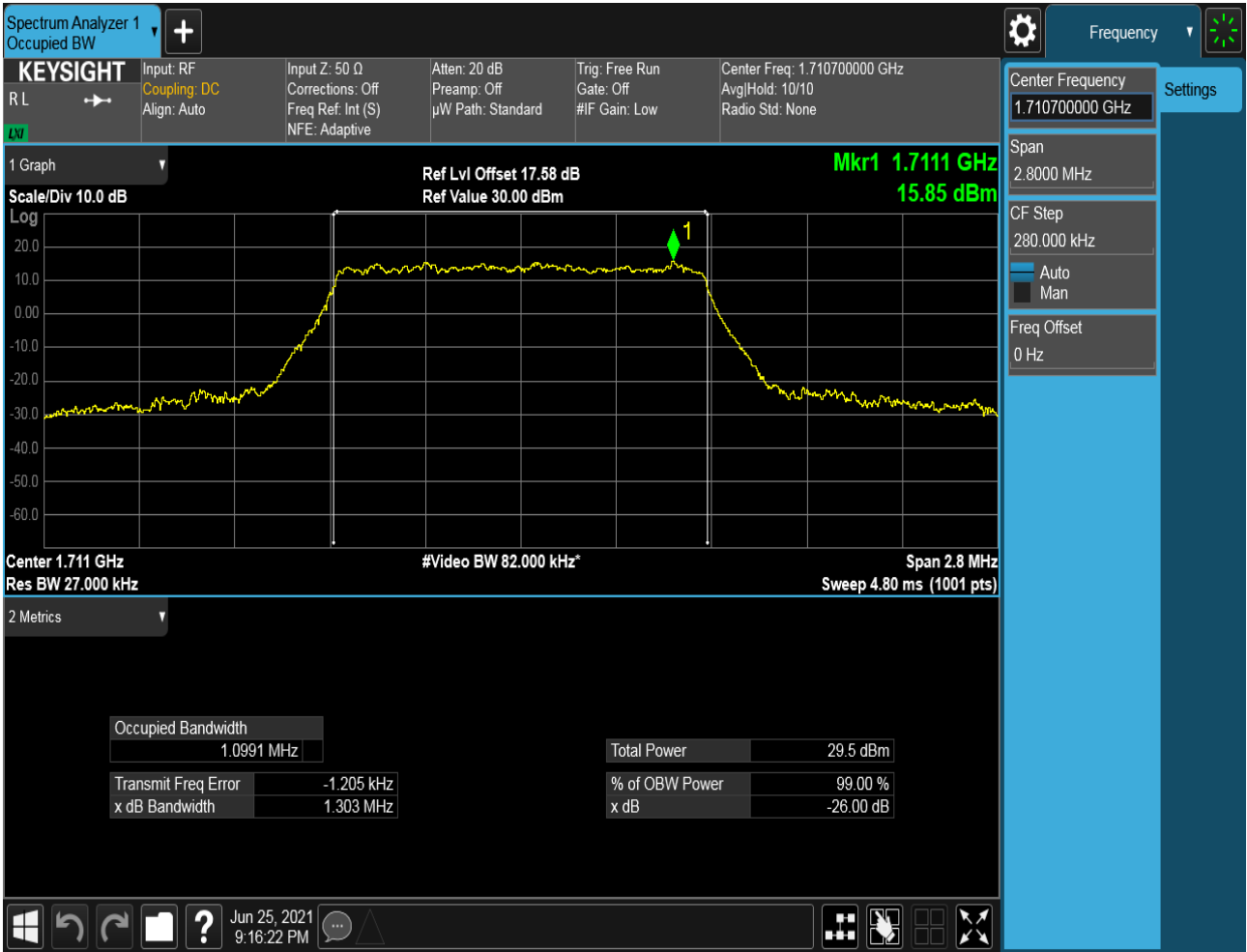


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4MHz

4.1.1.2.1.1 Test Channel = LCH

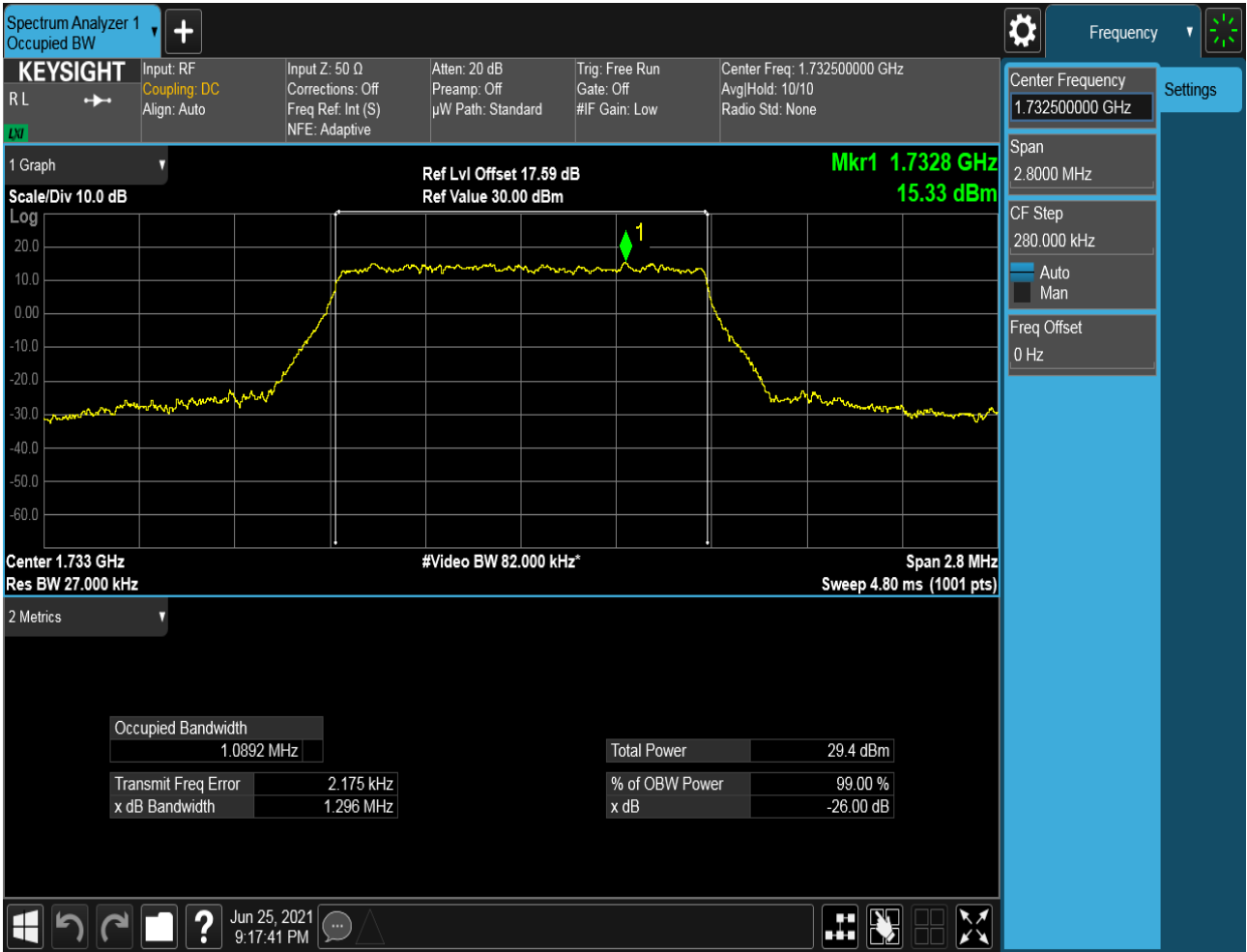
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

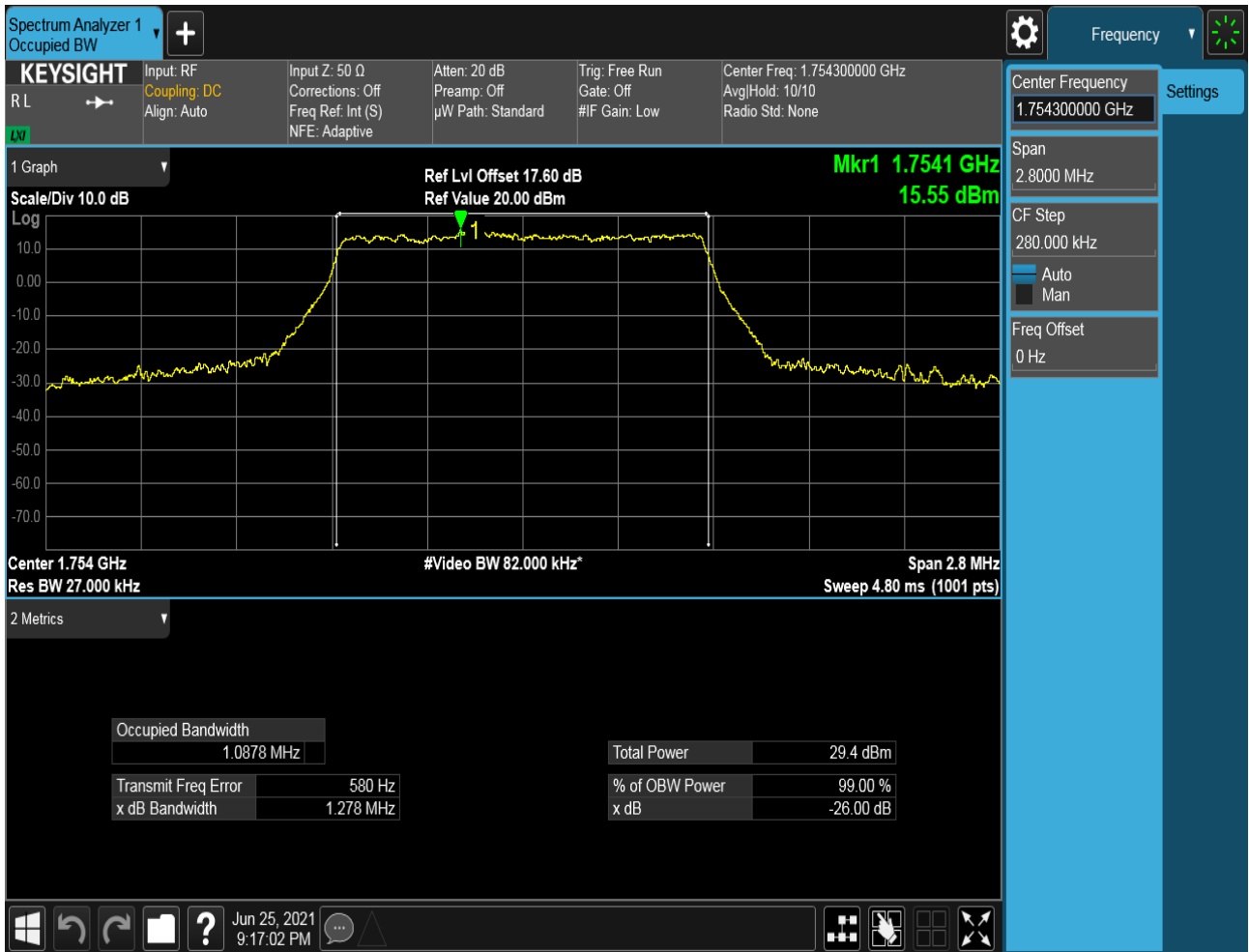
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

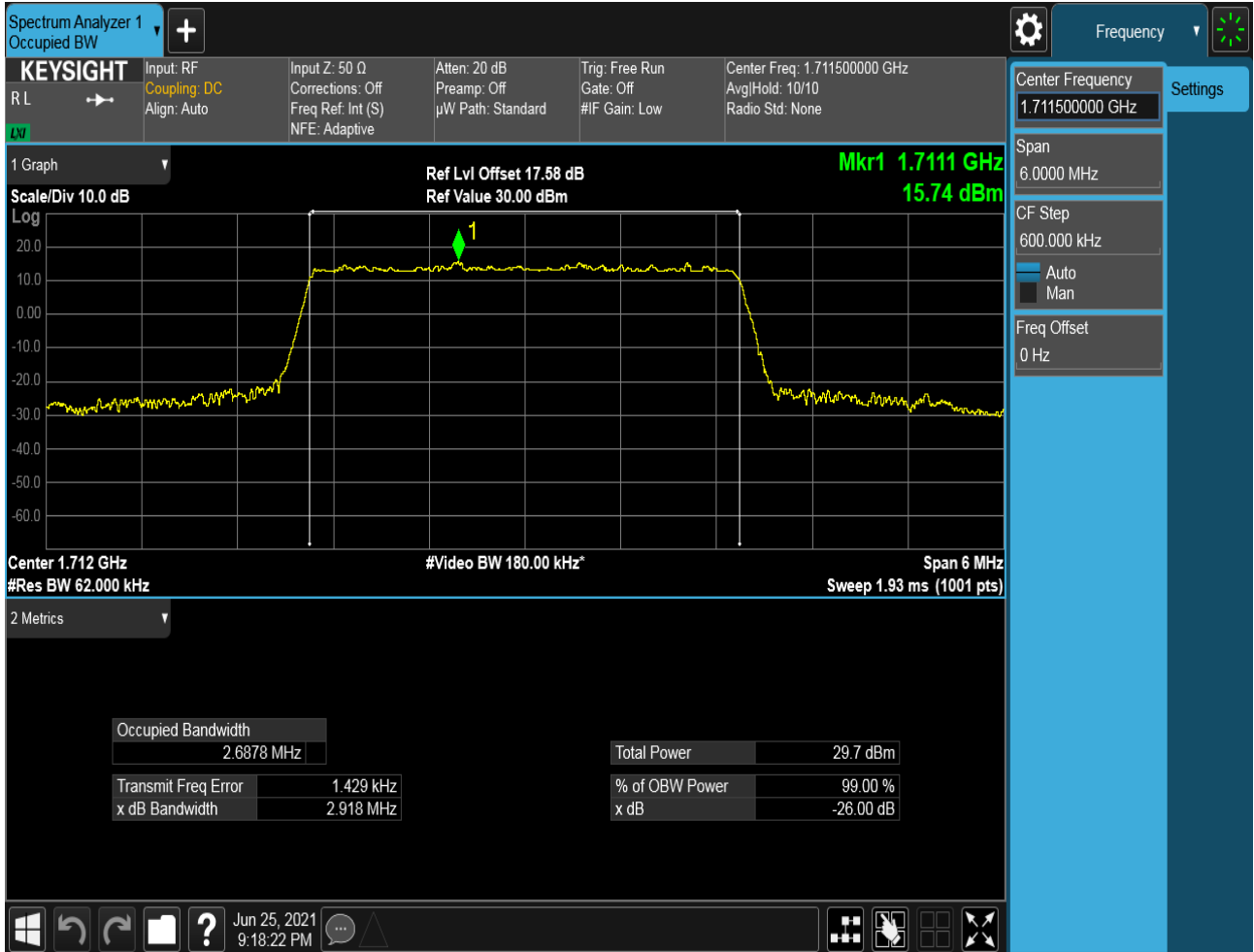
4.1.1.2.1.3.1 Test RB = RB6#0



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

