



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/TM 1	1.4	LCH	RB1#0	23.39	21.99	33	PASS
				RB1#3	22.91	21.51	33	PASS
				RB1#5	23.38	21.98	33	PASS
				RB3#0	23.27	21.87	33	PASS
				RB3#2	23.13	21.73	33	PASS
				RB3#3	23.22	21.82	33	PASS
				RB6#0	22.28	20.88	33	PASS
			MCH	RB1#0	23.32	21.92	33	PASS
				RB1#3	23.03	21.63	33	PASS
				RB1#5	23.27	21.87	33	PASS
				RB3#0	23.18	21.78	33	PASS
				RB3#2	23.12	21.72	33	PASS
				RB3#3	23.16	21.76	33	PASS
				RB6#0	22.18	20.78	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.14	21.74	33	PASS
				RB1#3	22.64	21.24	33	PASS
				RB1#5	23.16	21.76	33	PASS
				RB3#0	23.01	21.61	33	PASS
				RB3#2	22.87	21.47	33	PASS
				RB3#3	22.89	21.49	33	PASS
				RB6#0	21.91	20.51	33	PASS
		3	LCH	RB1#0	23.33	21.93	33	PASS
				RB1#7	23.93	22.53	33	PASS
				RB1#14	23.34	21.94	33	PASS
				RB8#0	22.26	20.86	33	PASS
				RB8#4	22.26	20.86	33	PASS
				RB8#7	22.34	20.94	33	PASS
				RB15#0	22.30	20.90	33	PASS
		MCH	RB1#0	23.41	22.01	33	PASS	
			RB1#7	23.09	21.69	33	PASS	
			RB1#14	23.24	21.84	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	22.21	20.81	33	PASS	
				RB8#4	22.19	20.79	33	PASS	
				RB8#7	22.18	20.78	33	PASS	
				RB15#0	22.25	20.85	33	PASS	
			HCH	RB1#0	23.15	21.75	33	PASS	
				RB1#7	22.50	21.10	33	PASS	
				RB1#14	23.16	21.76	33	PASS	
				RB8#0	21.93	20.53	33	PASS	
				RB8#4	22.03	20.63	33	PASS	
				RB8#7	22.08	20.68	33	PASS	
				RB15#0	22.12	20.72	33	PASS	
				5	LCH	RB1#0	23.36	21.96	33
			RB1#13			23.41	22.01	33	PASS
			RB1#24			23.32	21.92	33	PASS
		RB12#0	22.39			20.99	33	PASS	
		RB12#6	22.26			20.86	33	PASS	
		RB12#1	22.38			20.98	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				3				
				RB25#0	22.35	20.95	33	PASS
			MCH	RB1#0	23.26	21.86	33	PASS
				RB1#13	23.36	21.96	33	PASS
				RB1#24	23.23	21.83	33	PASS
				RB12#0	22.33	20.93	33	PASS
				RB12#6	22.27	20.87	33	PASS
				RB12#13	22.26	20.86	33	PASS
				RB25#0	22.23	20.83	33	PASS
				HCH	RB1#0	23.14	21.74	33
			RB1#13		23.16	21.76	33	PASS
			RB1#24		23.17	21.77	33	PASS
			RB12#0		22.08	20.68	33	PASS
			RB12#6		22.11	20.71	33	PASS
			RB12#13		22.20	20.80	33	PASS
			RB25#0		22.06	20.66	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		10	LCH	RB1#0	23.22	21.82	33	PASS
				RB1#25	22.83	21.43	33	PASS
				RB1#49	23.29	21.89	33	PASS
				RB25#0	22.33	20.93	33	PASS
				RB25#13	22.32	20.92	33	PASS
				RB25#25	22.27	20.87	33	PASS
				RB50#0	22.26	20.86	33	PASS
			MCH	RB1#0	23.29	21.89	33	PASS
				RB1#25	22.93	21.53	33	PASS
				RB1#49	23.26	21.86	33	PASS
				RB25#0	22.29	20.89	33	PASS
				RB25#13	22.28	20.88	33	PASS
				RB25#25	22.25	20.85	33	PASS
HCH	RB1#0	23.07	21.67	33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.78	21.38	33	PASS
				RB1#49	23.06	21.66	33	PASS
				RB25#0	22.14	20.74	33	PASS
				RB25#13	22.13	20.73	33	PASS
				RB25#25	22.10	20.70	33	PASS
				RB50#0	22.09	20.69	33	PASS
		15	LCH	RB1#0	23.11	21.71	33	PASS
				RB1#38	23.25	21.85	33	PASS
				RB1#74	23.17	21.77	33	PASS
				RB38#0	22.30	20.90	33	PASS
				RB38#19	22.28	20.88	33	PASS
				RB38#39	22.33	20.93	33	PASS
				RB75#0	22.25	20.85	33	PASS
				MCH	RB1#0	23.13	21.73	33
RB1#38	23.31	21.91	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	23.05	21.65	33	PASS
				RB38#0	22.29	20.89	33	PASS
				RB38#19	22.25	20.85	33	PASS
				RB38#39	22.23	20.83	33	PASS
				RB75#0	22.20	20.80	33	PASS
			HCH	RB1#0	23.09	21.69	33	PASS
				RB1#38	23.20	21.80	33	PASS
				RB1#74	23.03	21.63	33	PASS
				RB38#0	22.15	20.75	33	PASS
				RB38#19	22.15	20.75	33	PASS
		RB38#39		22.14	20.74	33	PASS	
		RB75#0		22.13	20.73	33	PASS	
		20	LCH	RB1#0	23.28	21.88	33	PASS
				RB1#50	22.94	21.54	33	PASS
				RB1#99	23.32	21.92	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	22.24	20.84	33	PASS
				RB50#25	22.33	20.93	33	PASS
				RB50#50	22.32	20.92	33	PASS
				RB100#0	22.23	20.83	33	PASS
			MCH	RB1#0	23.24	21.84	33	PASS
				RB1#50	23.02	21.62	33	PASS
				RB1#99	23.23	21.83	33	PASS
				RB50#0	22.30	20.90	33	PASS
				RB50#25	22.22	20.82	33	PASS
				RB50#50	22.23	20.83	33	PASS
				RB100#0	22.18	20.78	33	PASS
			HCH	RB1#0	23.15	21.75	33	PASS
				RB1#50	22.90	21.50	33	PASS
				RB1#99	23.07	21.67	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB50#0	22.17	20.77	33	PASS	
				RB50#25	22.12	20.72	33	PASS	
				RB50#50	22.06	20.66	33	PASS	
				RB100#0	22.09	20.69	33	PASS	
	LTE/TM2	1.4		LCH	RB1#0	22.81	21.41	33	PASS
					RB1#3	22.61	21.21	33	PASS
					RB1#5	22.35	20.95	33	PASS
					RB3#0	22.34	20.94	33	PASS
					RB3#2	22.14	20.74	33	PASS
					RB3#3	22.28	20.88	33	PASS
					RB6#0	21.32	19.92	33	PASS
					MCH	RB1#0	22.47	21.07	33
	RB1#3	22.22	20.82	33		PASS			
	RB1#5	22.54	21.14	33		PASS			
	RB3#0	22.32	20.92	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB3#2	22.31	20.91	33	PASS
				RB3#3	22.24	20.84	33	PASS
				RB6#0	21.15	19.75	33	PASS
			HCH	RB1#0	22.27	20.87	33	PASS
				RB1#3	22.10	20.70	33	PASS
				RB1#5	22.17	20.77	33	PASS
				RB3#0	22.05	20.65	33	PASS
				RB3#2	21.75	20.35	33	PASS
				RB3#3	21.89	20.49	33	PASS
				RB6#0	20.95	19.55	33	PASS
			LCH	RB1#0	22.77	21.37	33	PASS
				RB1#7	22.25	20.85	33	PASS
				RB1#14	22.56	21.16	33	PASS
				RB8#0	21.29	19.89	33	PASS
				RB8#4	21.36	19.96	33	PASS
RB8#7	21.28	19.88		33	PASS			
RB15#0	21.29	19.89		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.30	20.90	33	PASS
				RB1#7	22.34	20.94	33	PASS
				RB1#14	22.51	21.11	33	PASS
				RB8#0	21.24	19.84	33	PASS
				RB8#4	21.18	19.78	33	PASS
				RB8#7	21.24	19.84	33	PASS
				RB15#0	21.23	19.83	33	PASS
			HCH	RB1#0	22.39	20.99	33	PASS
				RB1#7	22.16	20.76	33	PASS
				RB1#14	22.71	21.31	33	PASS
				RB8#0	21.08	19.68	33	PASS
				RB8#4	21.05	19.65	33	PASS
				RB8#7	21.09	19.69	33	PASS
				RB15#0	21.01	19.61	33	PASS
		5	LCH	RB1#0	22.50	21.10	33	PASS
RB1#13	22.52	21.12		33	PASS			
RB1#24	22.48	21.08		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#0	21.37	19.97	33	PASS
				RB12#6	21.28	19.88	33	PASS
				RB12#13	21.28	19.88	33	PASS
				RB25#0	21.28	19.88	33	PASS
			MCH	RB1#0	22.44	21.04	33	PASS
				RB1#13	22.39	20.99	33	PASS
				RB1#24	22.41	21.01	33	PASS
				RB12#0	21.36	19.96	33	PASS
				RB12#6	21.36	19.96	33	PASS
				RB12#13	21.32	19.92	33	PASS
				RB25#0	21.15	19.75	33	PASS
			HCH	RB1#0	22.41	21.01	33	PASS
				RB1#13	22.42	21.02	33	PASS
				RB1#24	22.42	21.02	33	PASS
				RB12#0	21.14	19.74	33	PASS
				RB12#6	21.11	19.71	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB12#13	21.08	19.68	33	PASS	
				RB25#0	21.06	19.66	33	PASS	
		10	LCH	RB1#0	22.60	21.20	33	PASS	
				RB1#25	22.34	20.94	33	PASS	
				RB1#49	22.64	21.24	33	PASS	
				RB25#0	21.28	19.88	33	PASS	
				RB25#13	21.25	19.85	33	PASS	
				RB25#25	21.29	19.89	33	PASS	
				RB50#0	21.24	19.84	33	PASS	
				MCH	RB1#0	22.21	20.81	33	PASS
			RB1#25		21.99	20.59	33	PASS	
			RB1#49		22.17	20.77	33	PASS	
			RB25#0		21.30	19.90	33	PASS	
			RB25#13		21.24	19.84	33	PASS	
			RB25#25		21.21	19.81	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB50#0	21.21	19.81	33	PASS
				RB1#0	22.36	20.96	33	PASS
				RB1#25	22.21	20.81	33	PASS
				RB1#49	22.36	20.96	33	PASS
				RB25#0	21.09	19.69	33	PASS
				RB25#13	21.05	19.65	33	PASS
				RB25#25	21.07	19.67	33	PASS
				RB50#0	21.01	19.61	33	PASS
		15	LCH	RB1#0	22.45	21.05	33	PASS
				RB1#38	22.53	21.13	33	PASS
				RB1#74	22.42	21.02	33	PASS
				RB38#0	21.17	19.77	33	PASS
				RB38#19	21.28	19.88	33	PASS
				RB38#39	21.22	19.82	33	PASS
				RB75#0	21.18	19.78	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.30	20.90	33	PASS
				RB1#38	22.41	21.01	33	PASS
				RB1#74	22.29	20.89	33	PASS
				RB38#0	21.26	19.86	33	PASS
				RB38#19	21.30	19.90	33	PASS
				RB38#39	21.21	19.81	33	PASS
				RB75#0	21.18	19.78	33	PASS
			HCH	RB1#0	22.40	21.00	33	PASS
				RB1#38	22.53	21.13	33	PASS
				RB1#74	22.35	20.95	33	PASS
				RB38#0	21.06	19.66	33	PASS
				RB38#19	21.07	19.67	33	PASS
				RB38#39	21.00	19.60	33	PASS
						RB75#0	21.03	19.63
		20	LCH	RB1#0	22.48	21.08	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	22.45	21.05	33	PASS
				RB1#99	22.61	21.21	33	PASS
				RB50#0	21.11	19.71	33	PASS
				RB50#25	21.22	19.82	33	PASS
				RB50#50	21.17	19.77	33	PASS
				RB100#0	21.22	19.82	33	PASS
			MCH	RB1#0	22.64	21.24	33	PASS
				RB1#50	22.33	20.93	33	PASS
				RB1#99	22.64	21.24	33	PASS
				RB50#0	21.21	19.81	33	PASS
				RB50#25	21.19	19.79	33	PASS
				RB50#50	21.11	19.71	33	PASS
				RB100#0	21.17	19.77	33	PASS
			HCH	RB1#0	22.41	21.01	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	21.85	20.45	33	PASS
				RB1#99	22.29	20.89	33	PASS
				RB50#0	21.13	19.73	33	PASS
				RB50#25	21.05	19.65	33	PASS
				RB50#50	21.03	19.63	33	PASS
				RB100#0	20.97	19.57	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	4.61	13	PASS
				RB1#3	4.16	13	PASS
				RB1#5	4.11	13	PASS
				RB3#0	5.20	13	PASS
				RB3#2	5.16	13	PASS
				RB3#3	5.04	13	PASS
				RB6#0	5.65	13	PASS
			MCH	RB1#0	4.74	13	PASS
				RB1#3	5.18	13	PASS
				RB1#5	5.07	13	PASS
				RB3#0	4.91	13	PASS
				RB3#2	4.88	13	PASS
				RB3#3	4.90	13	PASS
				RB6#0	5.78	13	PASS
		HCH	RB1#0	4.21	13	PASS	
			RB1#3	4.54	13	PASS	
			RB1#5	3.96	13	PASS	
			RB3#0	4.71	13	PASS	
			RB3#2	4.60	13	PASS	
			RB3#3	4.56	13	PASS	
			RB6#0	5.62	13	PASS	
		3	LCH	RB1#0	4.61	13	PASS
				RB1#7	5.00	13	PASS
				RB1#14	4.52	13	PASS
				RB8#0	5.70	13	PASS
				RB8#4	5.51	13	PASS
				RB8#7	5.69	13	PASS
				RB15#0	5.82	13	PASS
MCH	RB1#0		4.76	13	PASS		
	RB1#7		4.94	13	PASS		
	RB1#14		4.45	13	PASS		
	RB8#0		5.90	13	PASS		
	RB8#4		5.82	13	PASS		
	RB8#7		5.91	13	PASS		
	RB15#0		6.05	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB1#0	4.43	13	PASS
				RB1#7	4.28	13	PASS
				RB1#14	4.20	13	PASS
				RB8#0	5.53	13	PASS
				RB8#4	5.27	13	PASS
				RB8#7	5.35	13	PASS
				RB15#0	5.61	13	PASS
			LCH	RB1#0	4.91	13	PASS
				RB1#13	4.68	13	PASS
				RB1#24	4.71	13	PASS
				RB12#0	5.71	13	PASS
				RB12#6	5.83	13	PASS
				RB12#13	5.69	13	PASS
				RB25#0	6.04	13	PASS
		MCH	RB1#0	4.76	13	PASS	
			RB1#13	4.78	13	PASS	
			RB1#24	4.77	13	PASS	
			RB12#0	6.03	13	PASS	
			RB12#6	5.89	13	PASS	
			RB12#13	5.70	13	PASS	
			RB25#0	6.22	13	PASS	
		HCH	RB1#0	4.33	13	PASS	
			RB1#13	4.22	13	PASS	
			RB1#24	4.08	13	PASS	
			RB12#0	5.40	13	PASS	
			RB12#6	5.36	13	PASS	
			RB12#13	5.50	13	PASS	
			RB25#0	5.86	13	PASS	
		10	LCH	RB1#0	5.14	13	PASS
				RB1#25	5.20	13	PASS
				RB1#49	4.90	13	PASS
				RB25#0	6.02	13	PASS
RB25#13	5.93			13	PASS		
RB25#25	5.99			13	PASS		
RB50#0	6.05			13	PASS		
MCH	RB1#0		4.72	13	PASS		
	RB1#25		4.68	13	PASS		
	RB1#49		4.65	13	PASS		
	RB25#0		5.97	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.96	13	PASS
				RB25#25	6.05	13	PASS
				RB50#0	6.32	13	PASS
			HCH	RB1#0	4.41	13	PASS
				RB1#25	4.61	13	PASS
				RB1#49	4.30	13	PASS
				RB25#0	5.48	13	PASS
				RB25#13	5.53	13	PASS
				RB25#25	5.55	13	PASS
				RB50#0	5.82	13	PASS
		15	LCH	RB1#0	4.93	13	PASS
				RB1#38	4.66	13	PASS
				RB1#74	4.77	13	PASS
				RB38#0	5.97	13	PASS
				RB38#19	5.94	13	PASS
				RB38#39	5.97	13	PASS
			RB75#0	6.31	13	PASS	
			MCH	RB1#0	4.72	13	PASS
				RB1#38	4.80	13	PASS
				RB1#74	4.91	13	PASS
		RB38#0		6.11	13	PASS	
		RB38#19		6.10	13	PASS	
		RB38#39		6.20	13	PASS	
		HCH	RB75#0	6.45	13	PASS	
			RB1#0	4.57	13	PASS	
			RB1#38	4.33	13	PASS	
			RB1#74	4.27	13	PASS	
			RB38#0	5.77	13	PASS	
			RB38#19	5.56	13	PASS	
			RB38#39	5.78	13	PASS	
20	LCH	RB75#0	6.20	13	PASS		
		RB1#0	4.73	13	PASS		
		RB1#50	4.57	13	PASS		
		RB1#99	4.57	13	PASS		
		RB50#0	6.00	13	PASS		
		RB50#25	5.88	13	PASS		
	RB50#50	5.94	13	PASS			
MCH	RB100#0	6.30	13	PASS			
			MCH	RB1#0	4.61	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	4.82	13	PASS			
				RB1#99	4.66	13	PASS			
				RB50#0	6.08	13	PASS			
				RB50#25	6.17	13	PASS			
				RB50#50	6.21	13	PASS			
				RB100#0	6.46	13	PASS			
			HCH	RB1#0	4.51	13	PASS			
				RB1#50	4.17	13	PASS			
				RB1#99	4.28	13	PASS			
				RB50#0	5.82	13	PASS			
				RB50#25	5.44	13	PASS			
				RB50#50	5.69	13	PASS			
				LTE/TM2	1.4	LCH	RB1#0	5.52	13	PASS
							RB1#3	5.62	13	PASS
	RB1#5	5.84					13	PASS		
	RB3#0	6.06					13	PASS		
	RB3#2	6.14					13	PASS		
	RB3#3	6.11					13	PASS		
	MCH	RB6#0				6.74	13	PASS		
		RB1#0				5.03	13	PASS		
		RB1#3				5.16	13	PASS		
		RB1#5				5.06	13	PASS		
		RB3#0				6.28	13	PASS		
		RB3#2				6.47	13	PASS		
	HCH	RB3#3				6.32	13	PASS		
		RB6#0				6.90	13	PASS		
		RB1#0				5.29	13	PASS		
		RB1#3				5.51	13	PASS		
		RB1#5				5.14	13	PASS		
		RB3#0				5.54	13	PASS		
			3	LCH	RB3#2	5.37	13	PASS		
					RB3#3	5.56	13	PASS		
RB6#0					6.39	13	PASS			
RB1#0					6.03	13	PASS			
RB1#7					6.28	13	PASS			
				RB1#14	5.36	13	PASS			
				RB8#0	6.41	13	PASS			
				RB8#4	6.32	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#7	6.34	13	PASS	
				RB15#0	6.54	13	PASS	
			MCH	RB1#0	5.41	13	PASS	
				RB1#7	5.86	13	PASS	
				RB1#14	5.59	13	PASS	
				RB8#0	6.65	13	PASS	
				RB8#4	6.63	13	PASS	
				RB8#7	6.53	13	PASS	
				RB15#0	6.87	13	PASS	
			HCH	RB1#0	4.83	13	PASS	
				RB1#7	5.27	13	PASS	
				RB1#14	4.99	13	PASS	
				RB8#0	6.57	13	PASS	
				RB8#4	6.49	13	PASS	
				RB8#7	6.47	13	PASS	
		5	LCH		RB1#0	5.89	13	PASS
					RB1#13	5.88	13	PASS
					RB1#24	5.85	13	PASS
					RB12#0	6.80	13	PASS
					RB12#6	6.50	13	PASS
					RB12#13	6.72	13	PASS
					RB25#0	6.64	13	PASS
			MCH	RB1#0	5.45	13	PASS	
				RB1#13	5.45	13	PASS	
				RB1#24	5.61	13	PASS	
				RB12#0	6.98	13	PASS	
				RB12#6	6.94	13	PASS	
				RB12#13	7.00	13	PASS	
				RB25#0	7.11	13	PASS	
			HCH	RB1#0	5.04	13	PASS	
RB1#13	4.88	13		PASS				
RB1#24	4.76	13		PASS				
RB12#0	6.39	13		PASS				
RB12#6	6.29	13		PASS				
RB12#13	6.53	13		PASS				
RB25#0	6.71	13		PASS				
10	LCH	RB1#0	5.93	13	PASS			
		RB1#25	5.72	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.65	13	PASS
				RB25#0	7.02	13	PASS
				RB25#13	6.95	13	PASS
				RB25#25	6.96	13	PASS
				RB50#0	6.88	13	PASS
			MCH	RB1#0	5.55	13	PASS
				RB1#25	5.73	13	PASS
				RB1#49	5.65	13	PASS
				RB25#0	6.88	13	PASS
				RB25#13	6.96	13	PASS
				RB25#25	7.02	13	PASS
			HCH	RB50#0	6.94	13	PASS
				RB1#0	4.76	13	PASS
				RB1#25	4.93	13	PASS
				RB1#49	4.68	13	PASS
				RB25#0	6.34	13	PASS
				RB25#13	6.43	13	PASS
			15	LCH	RB25#25	6.49	13
		RB50#0			6.96	13	PASS
		RB1#0			5.80	13	PASS
		RB1#38			5.54	13	PASS
		RB1#74			5.51	13	PASS
		RB38#0			6.97	13	PASS
		RB38#19			6.83	13	PASS
		MCH		RB38#39	6.87	13	PASS
				RB75#0	7.30	13	PASS
				RB1#0	5.52	13	PASS
				RB1#38	5.60	13	PASS
				RB1#74	5.69	13	PASS
				RB38#0	6.98	13	PASS
		HCH		RB38#19	7.02	13	PASS
				RB38#39	7.11	13	PASS
			RB75#0	7.30	13	PASS	
RB1#0	5.13		13	PASS			
RB1#38	4.87		13	PASS			
RB1#74	5.18		13	PASS			
				RB38#0	6.51	13	PASS
				RB38#19	6.31	13	PASS
				RB38#39	6.57	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	6.96	13	PASS
		20	LCH	RB1#0	5.61	13	PASS
				RB1#50	5.30	13	PASS
				RB1#99	5.60	13	PASS
				RB50#0	6.79	13	PASS
				RB50#25	6.69	13	PASS
				RB50#50	6.77	13	PASS
				RB100#0	7.20	13	PASS
				MCH	RB1#0	5.39	13
			RB1#50		5.64	13	PASS
			RB1#99		5.36	13	PASS
			RB50#0		7.19	13	PASS
			RB50#25		7.20	13	PASS
			RB50#50		7.25	13	PASS
			RB100#0		7.31	13	PASS
			HCH	RB1#0	5.69	13	PASS
				RB1#50	5.37	13	PASS
				RB1#99	5.14	13	PASS
				RB50#0	6.85	13	PASS
				RB50#25	6.54	13	PASS
				RB50#50	6.82	13	PASS
				RB100#0	7.11	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

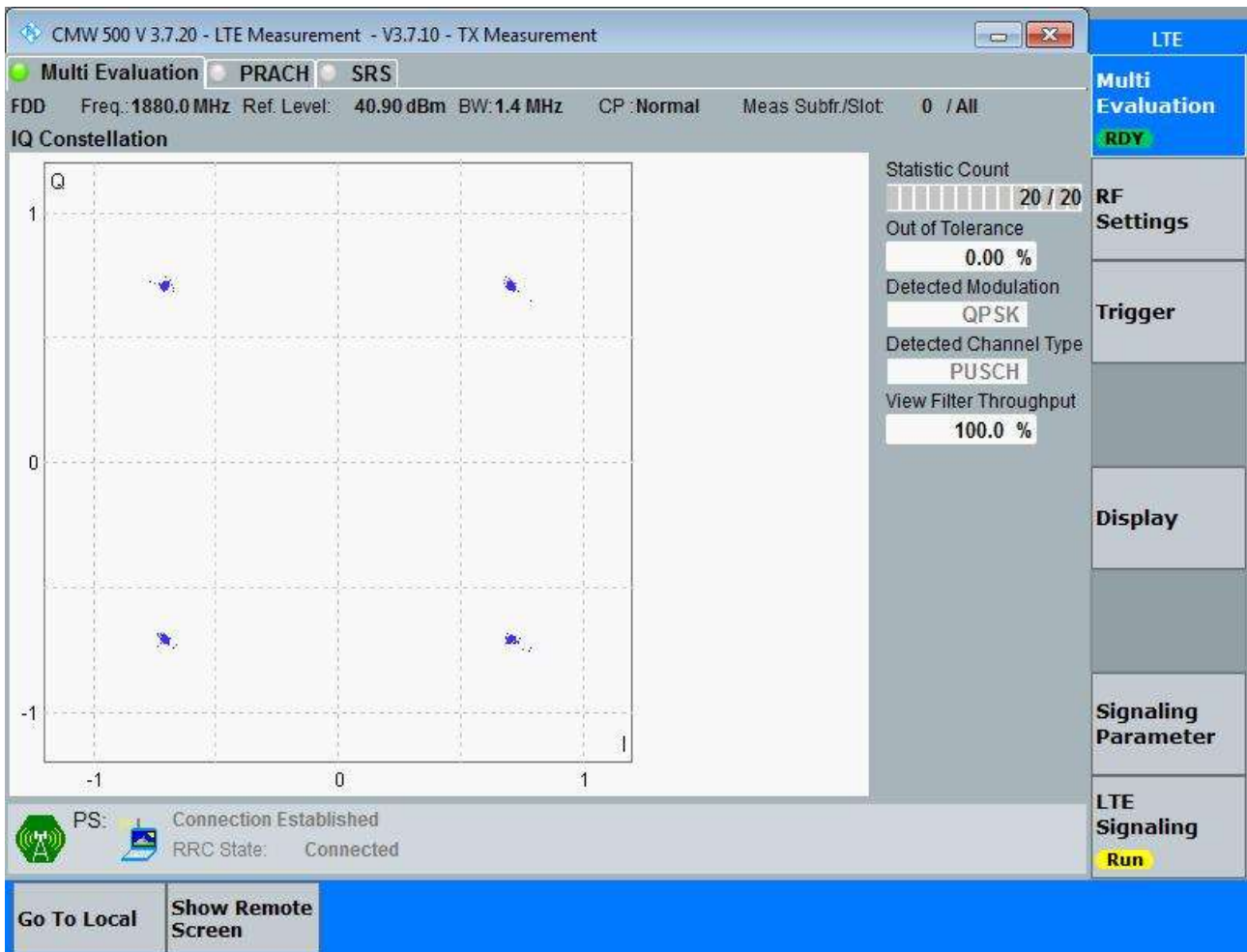
3.1.1 Test Band = Band2

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

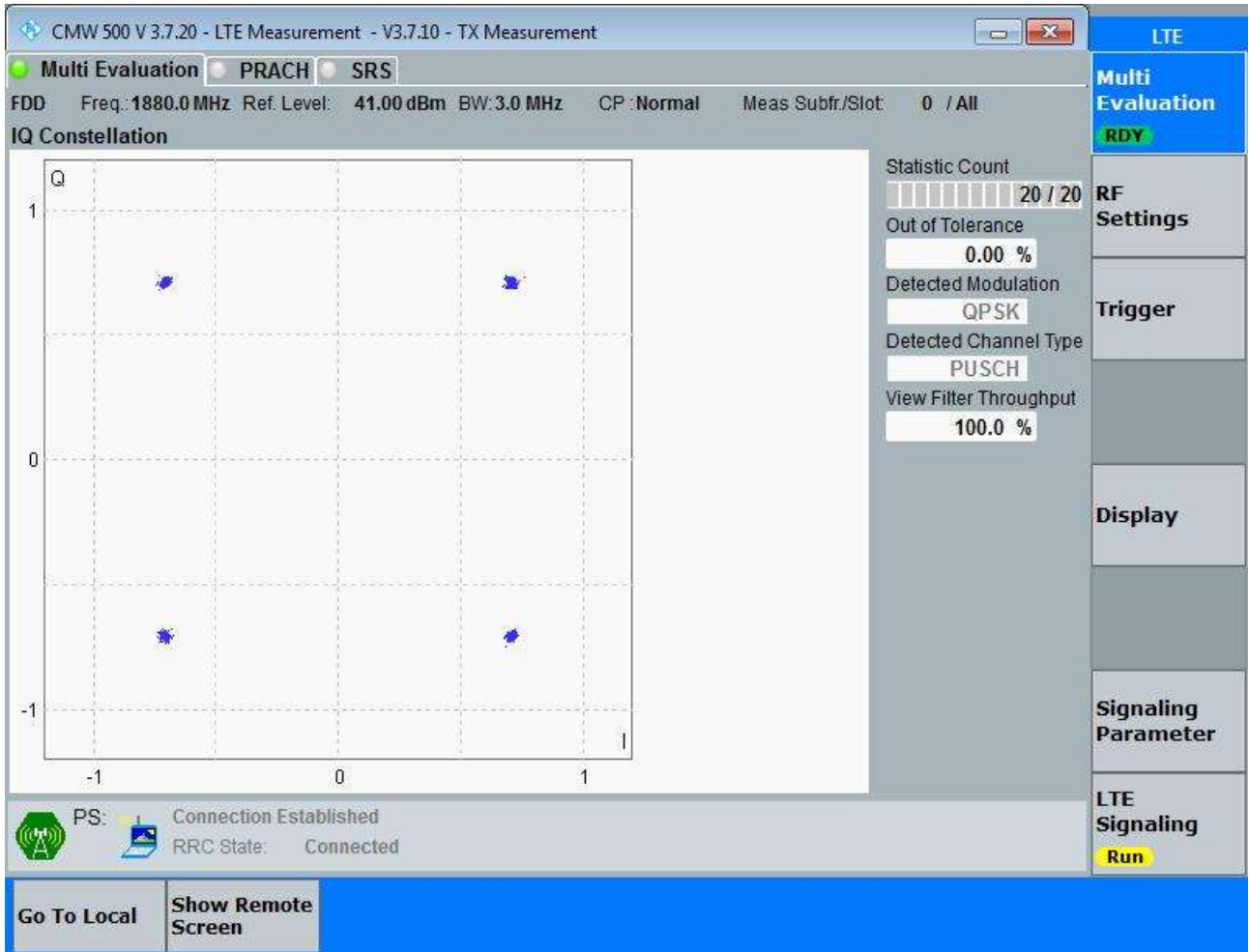
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0

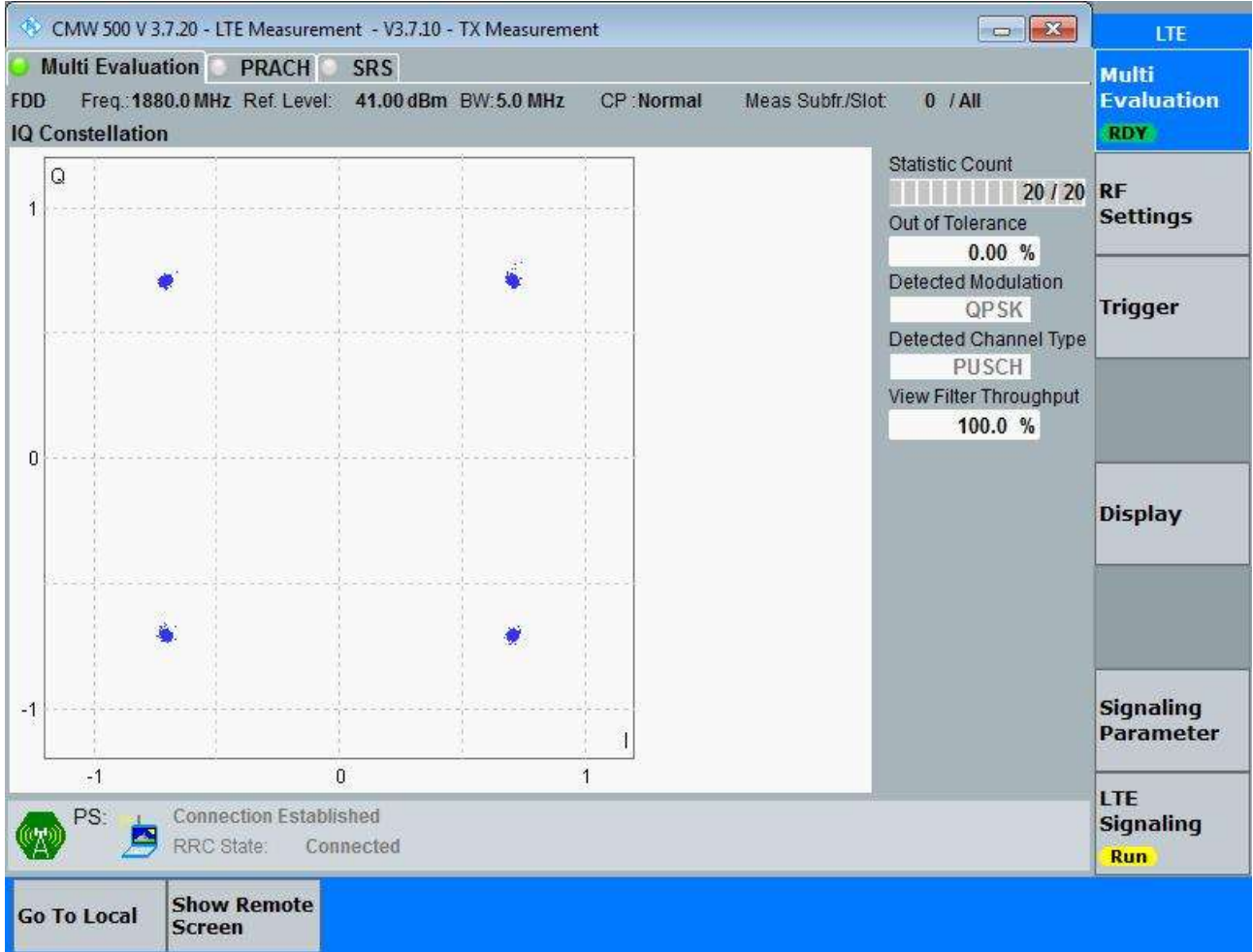




3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0

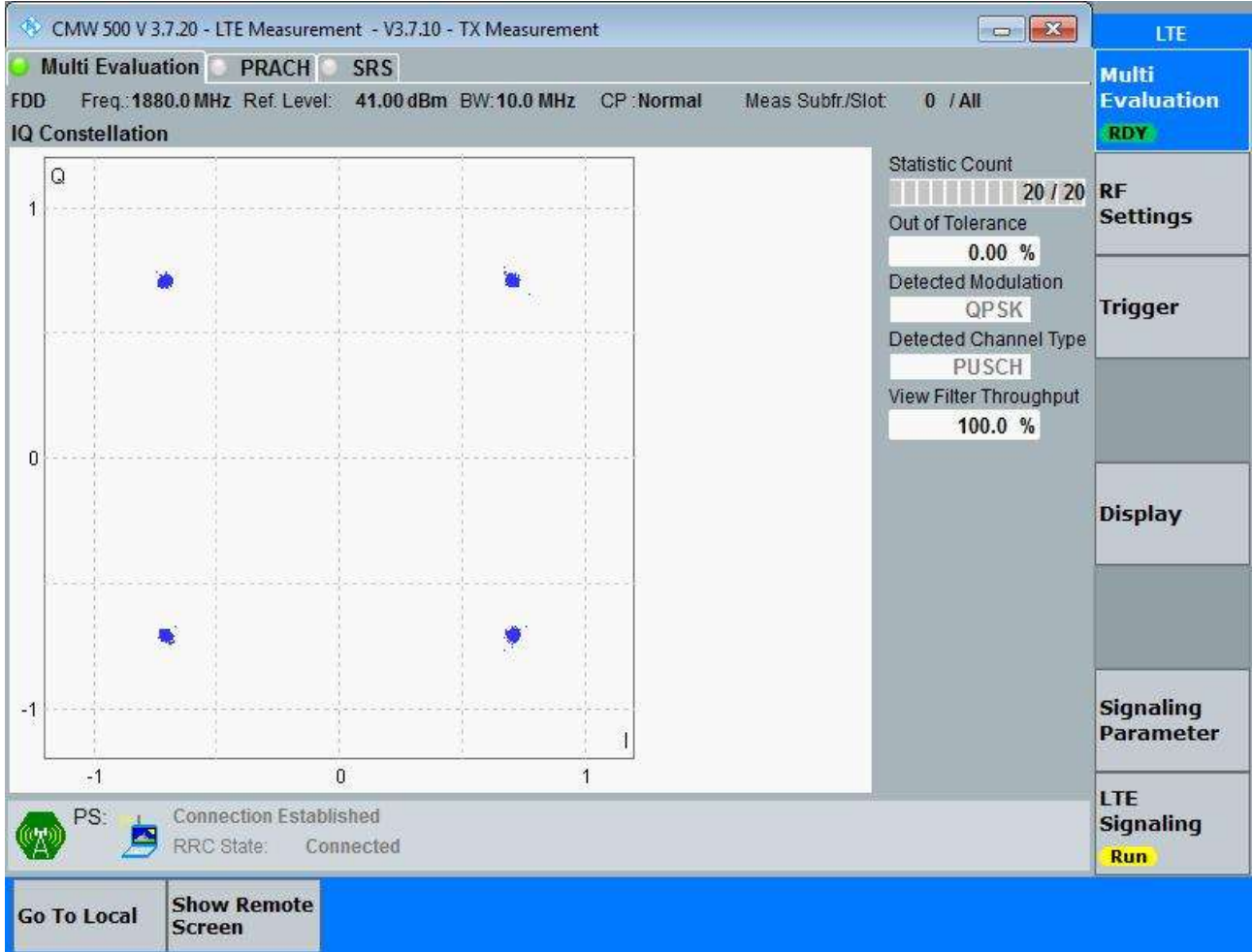




3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

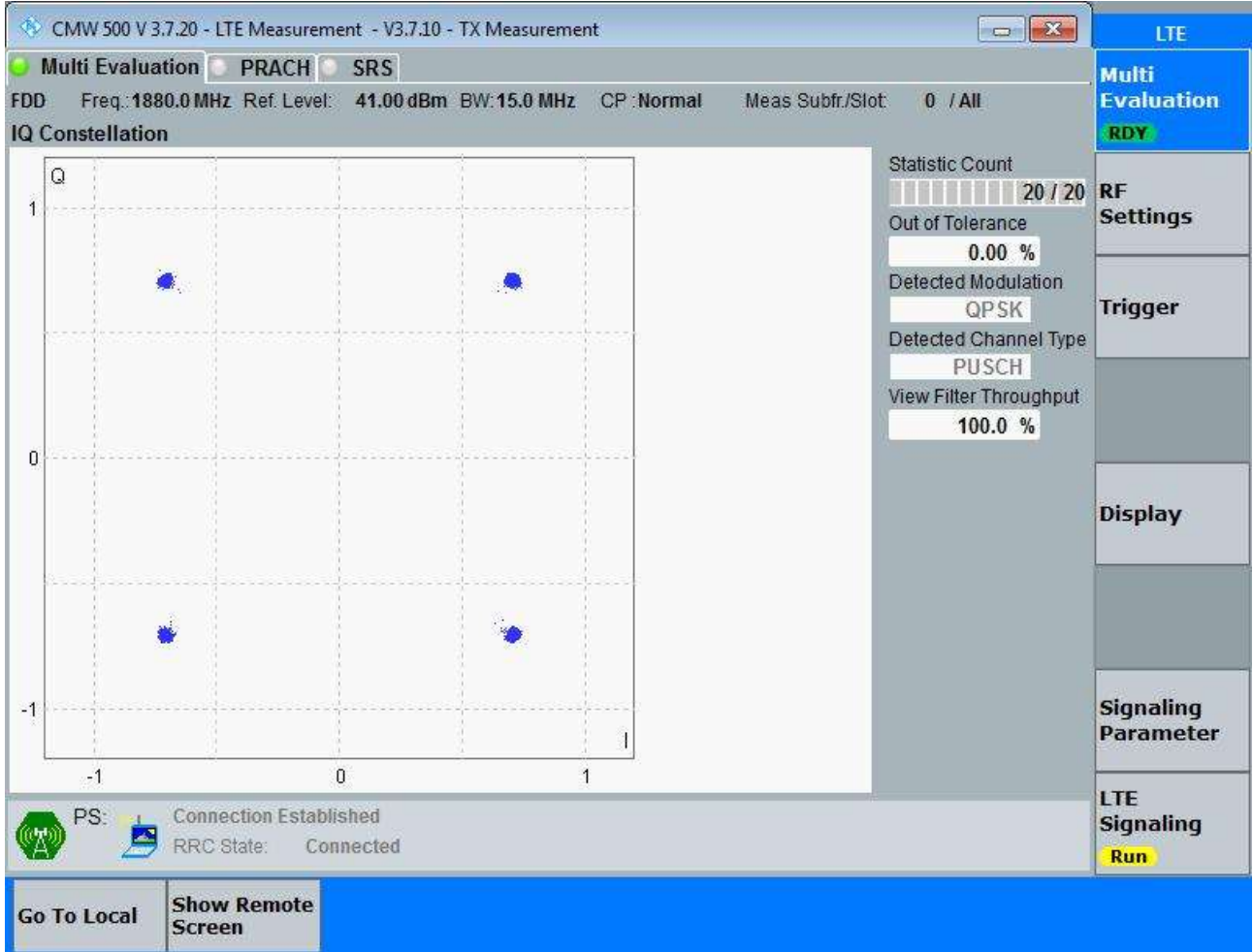
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

3.1.1.1.5.1.1 Test RB = RB75#0

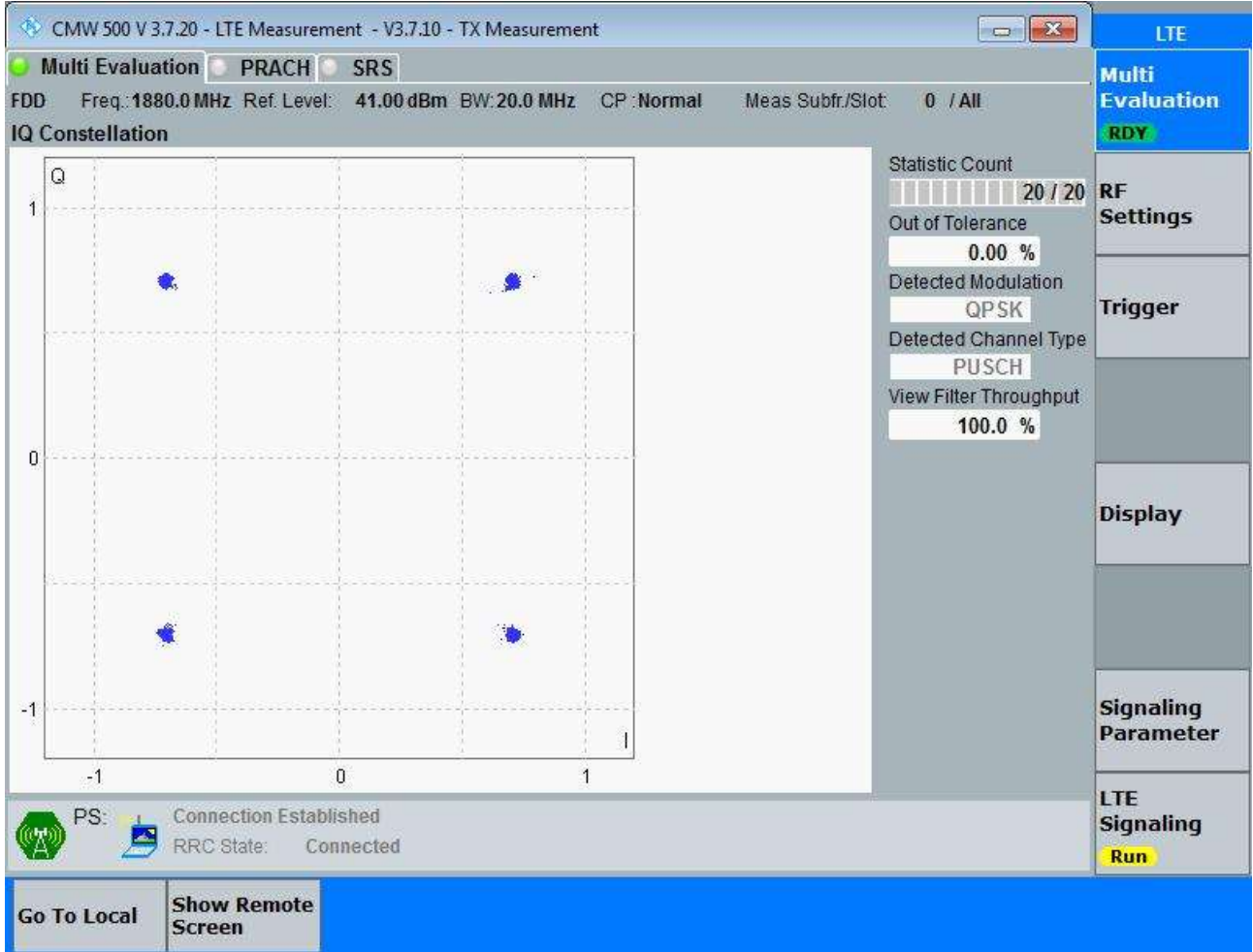




3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0



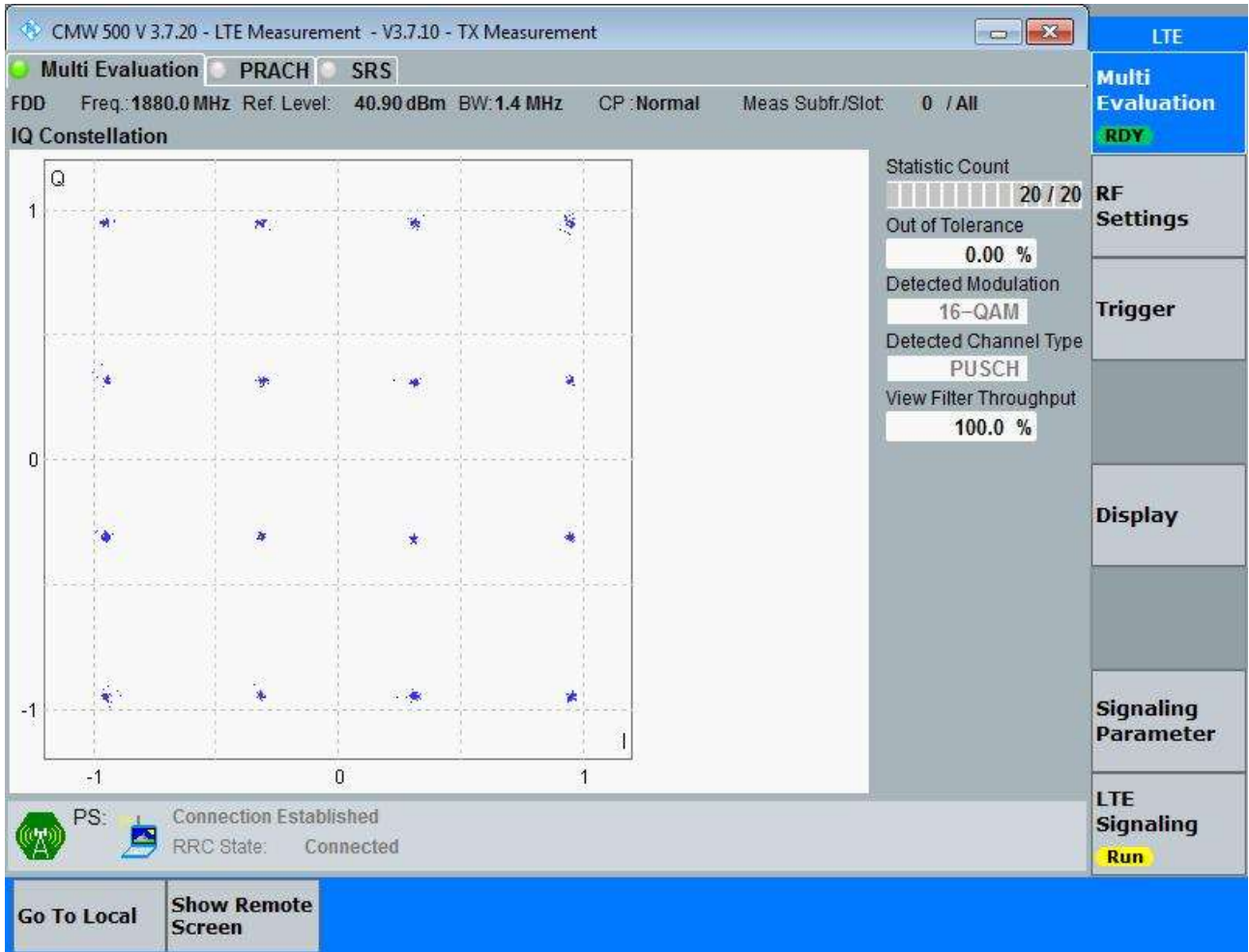


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

3.1.1.2.1.1.1 Test RB = RB6#0

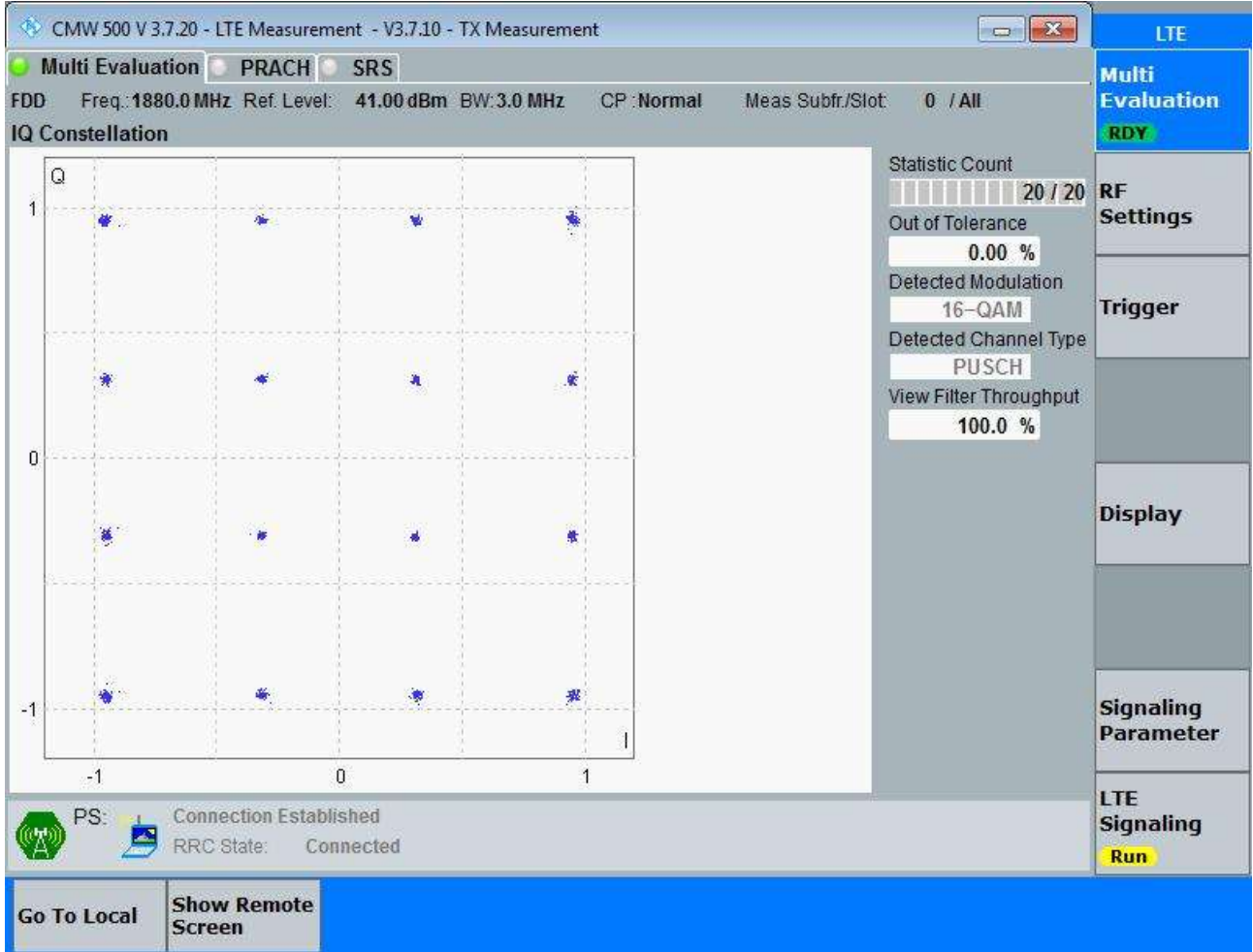




3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0

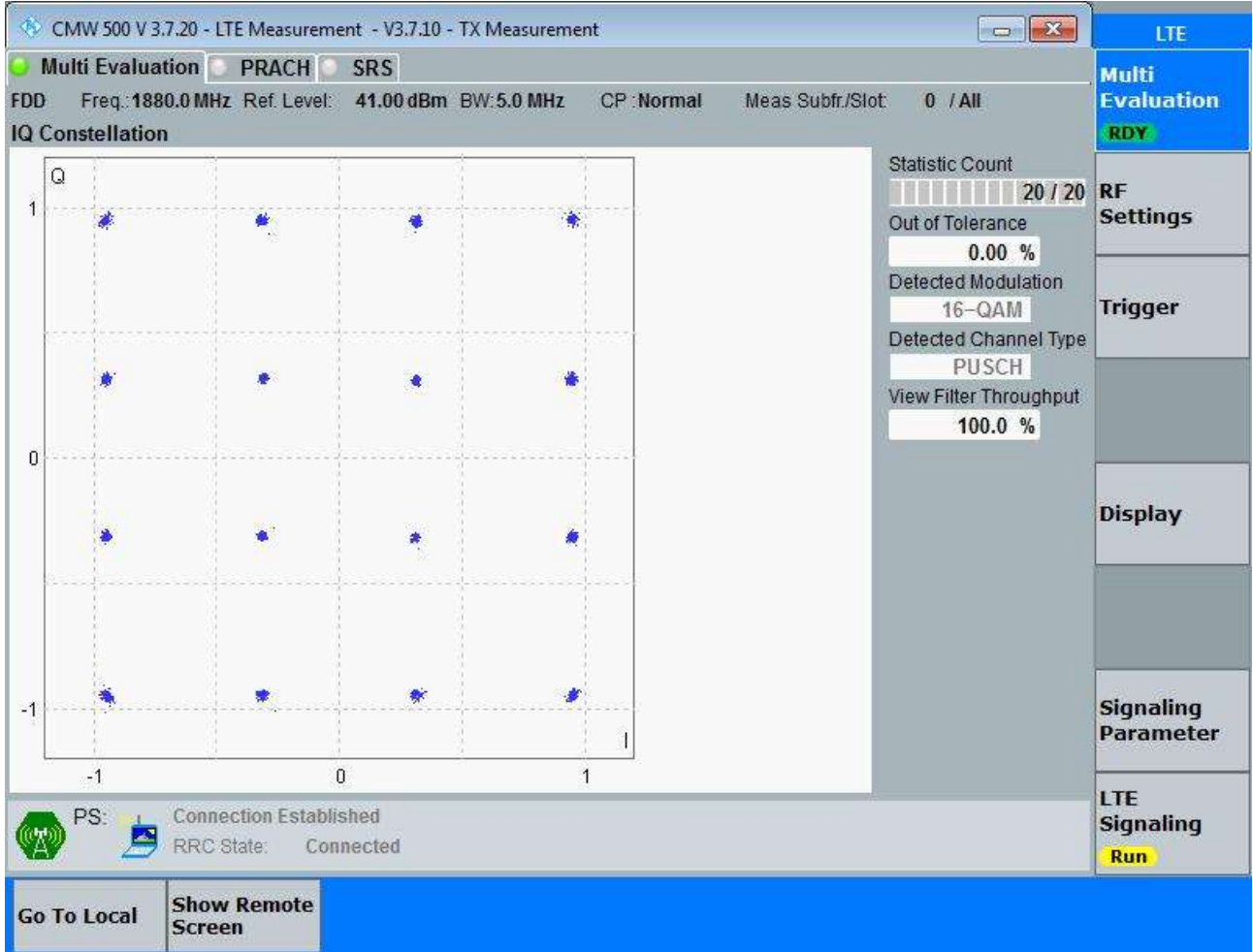




3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

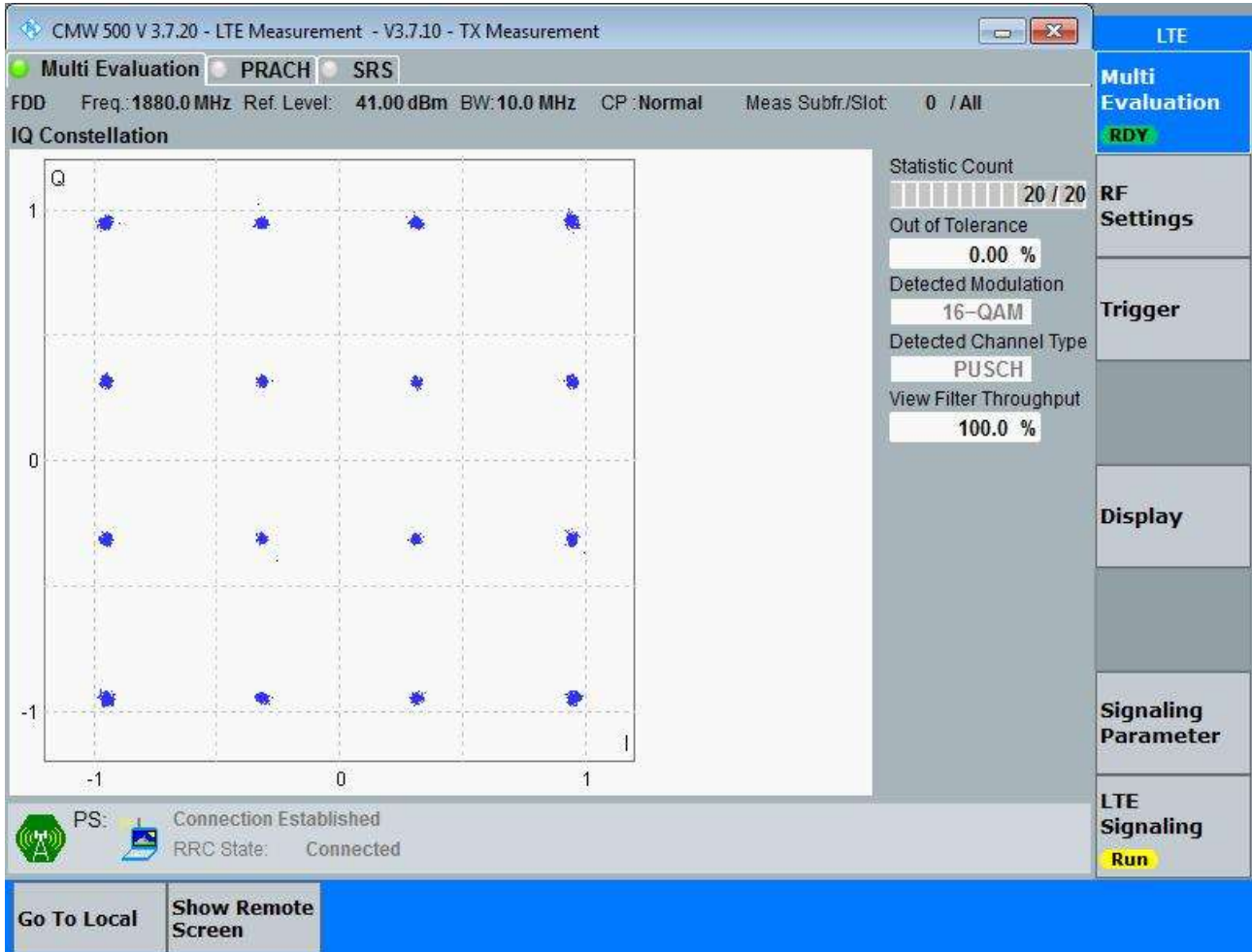
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

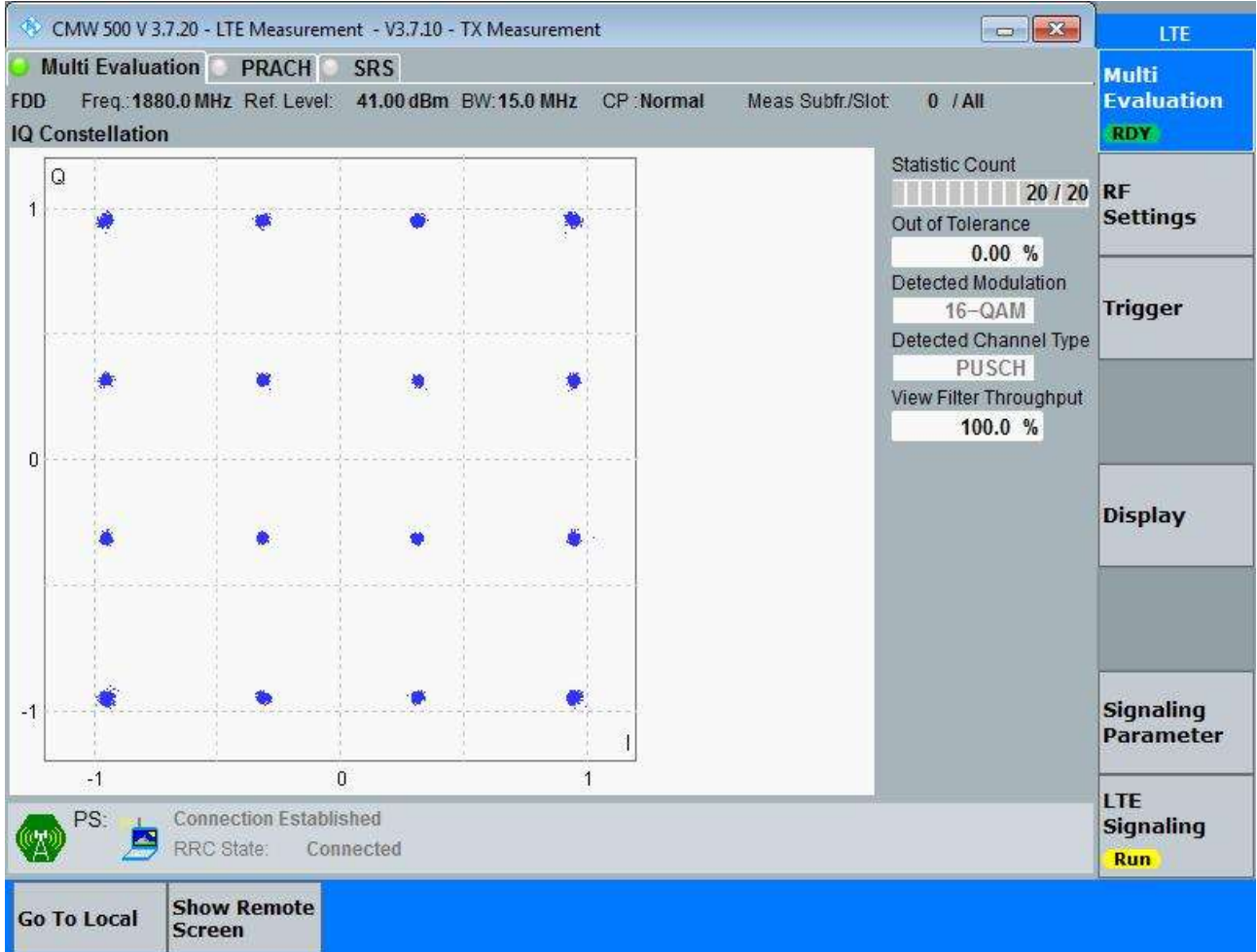
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

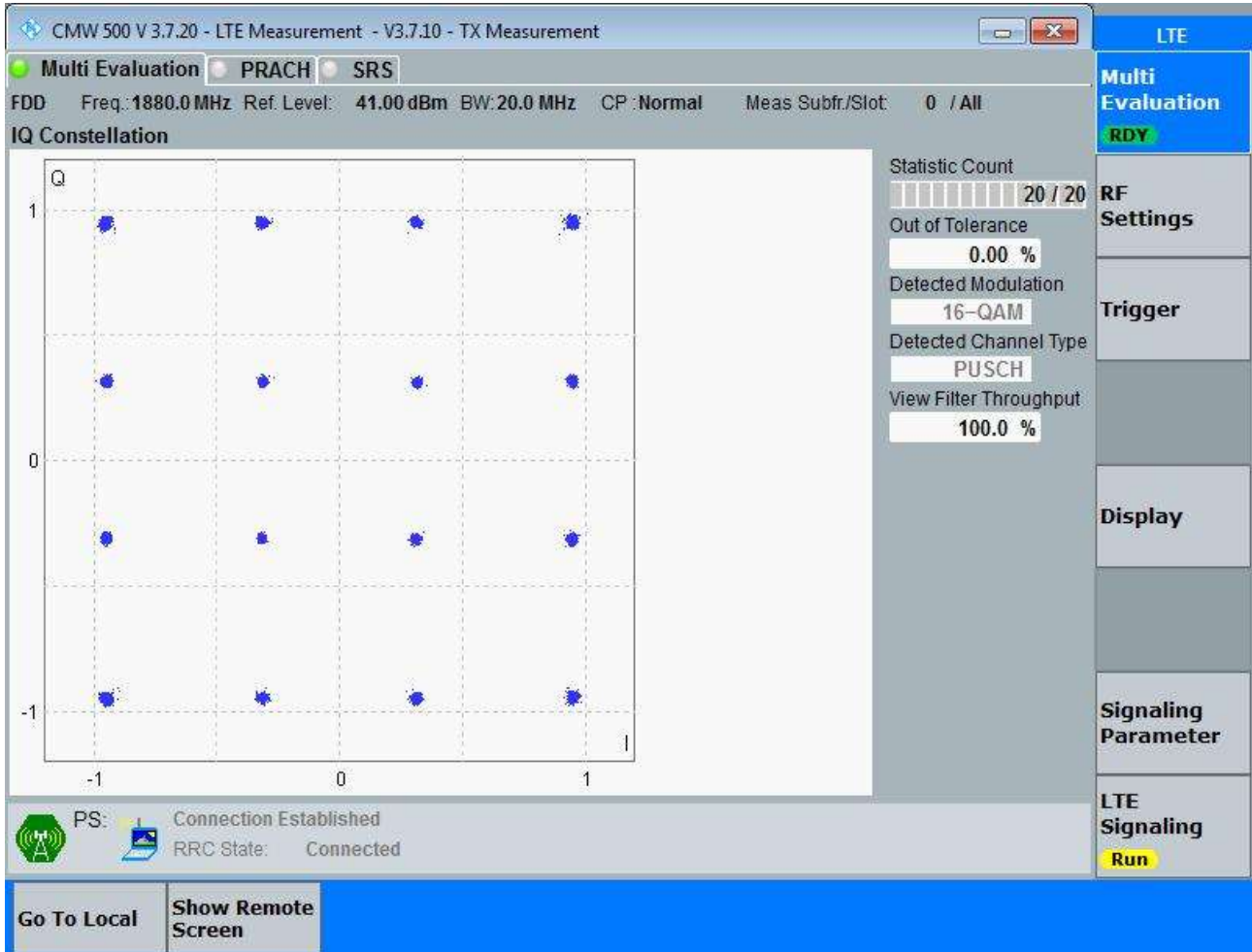
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

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	1.23	Pass
			HCH	RB6#0	1.09	1.23	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	4.52	4.97	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	9.01	9.84	Pass
			MCH	RB50#0	9.00	9.93	Pass
			HCH	RB50#0	9.01	9.90	Pass
		15	LCH	RB75#0	13.50	14.96	Pass
			MCH	RB75#0	13.51	14.96	Pass
			HCH	RB75#0	13.51	15.02	Pass
		20	LCH	RB100#0	17.99	19.77	Pass
			MCH	RB100#0	18.01	19.78	Pass
			HCH	RB100#0	17.99	19.68	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.25	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.72	2.98	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.52	5.00	Pass
			HCH	RB25#0	4.52	4.97	Pass
		10	LCH	RB50#0	8.99	9.91	Pass
			MCH	RB50#0	9.01	9.93	Pass
			HCH	RB50#0	9.03	9.92	Pass
15		LCH	RB75#0	13.50	14.91	Pass	
		MCH	RB75#0	13.53	15.07	Pass	
		HCH	RB75#0	13.50	14.95	Pass	
20		LCH	RB100#0	18.02	19.84	Pass	
		MCH	RB100#0	18.02	19.67	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	17.99	19.79	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 = 1.4

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

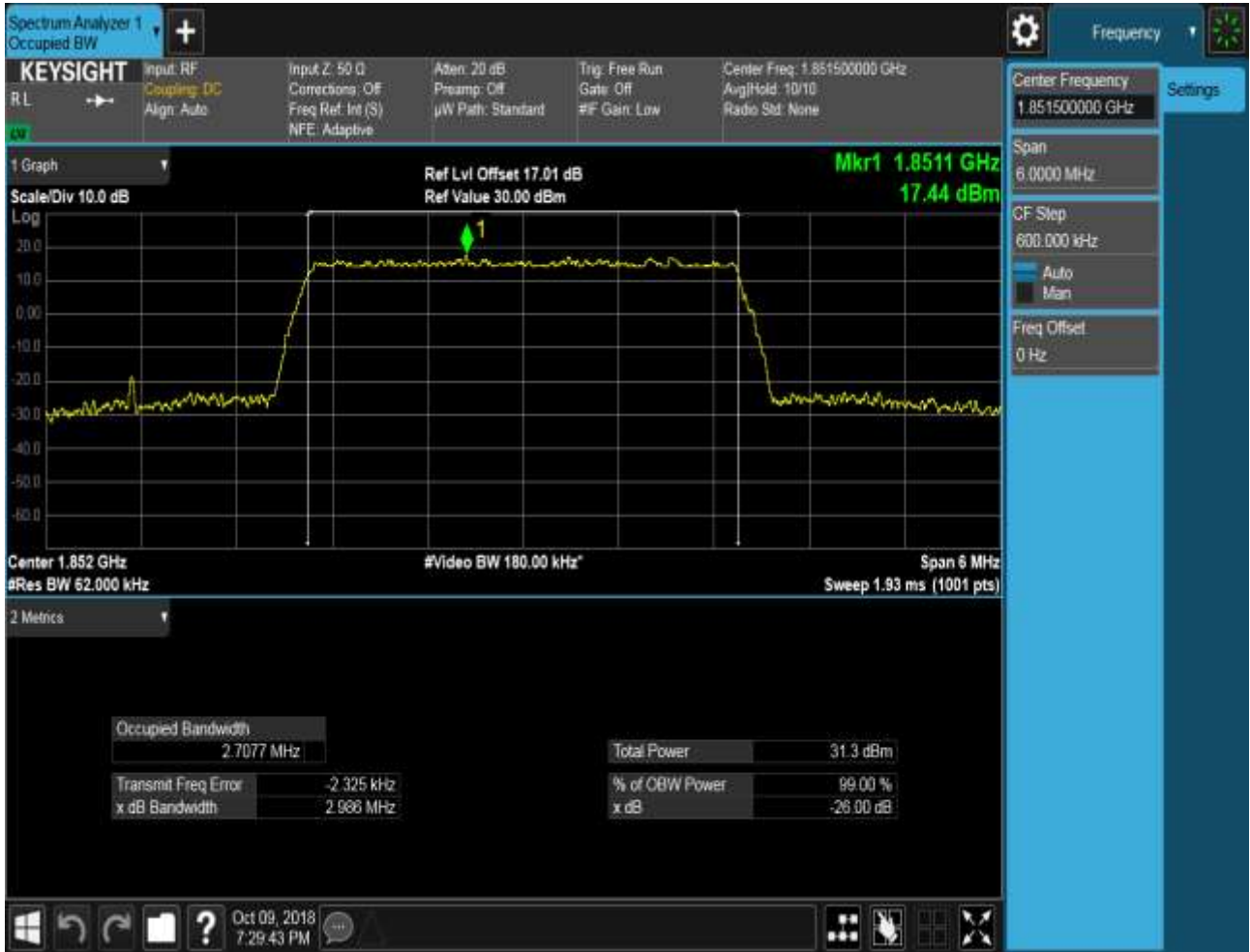




4.1.1.1.2 Test Bandwidth = 3

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 = 5

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 = 10

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 = 15

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

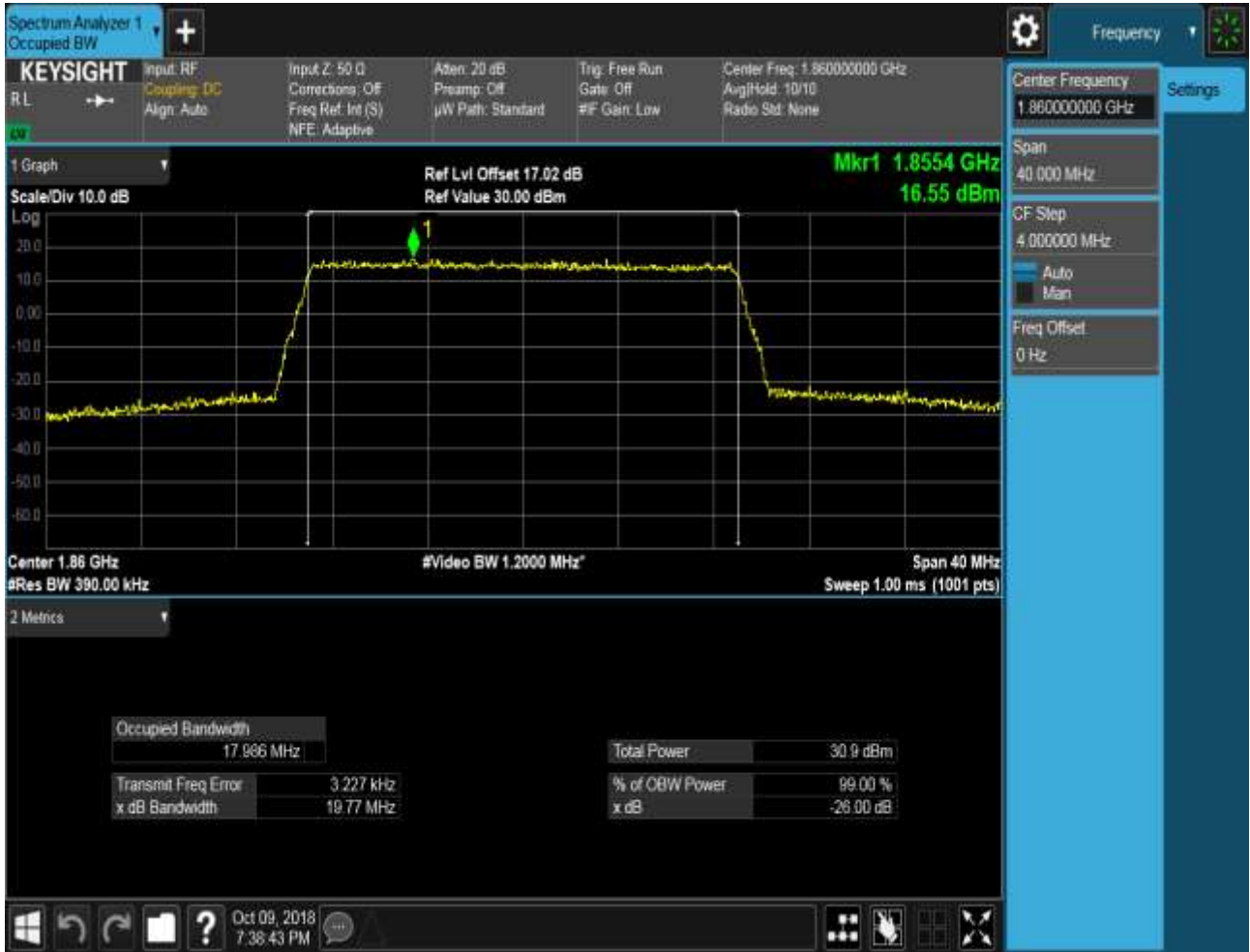




4.1.1.1.6 Test Bandwidth = 20

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

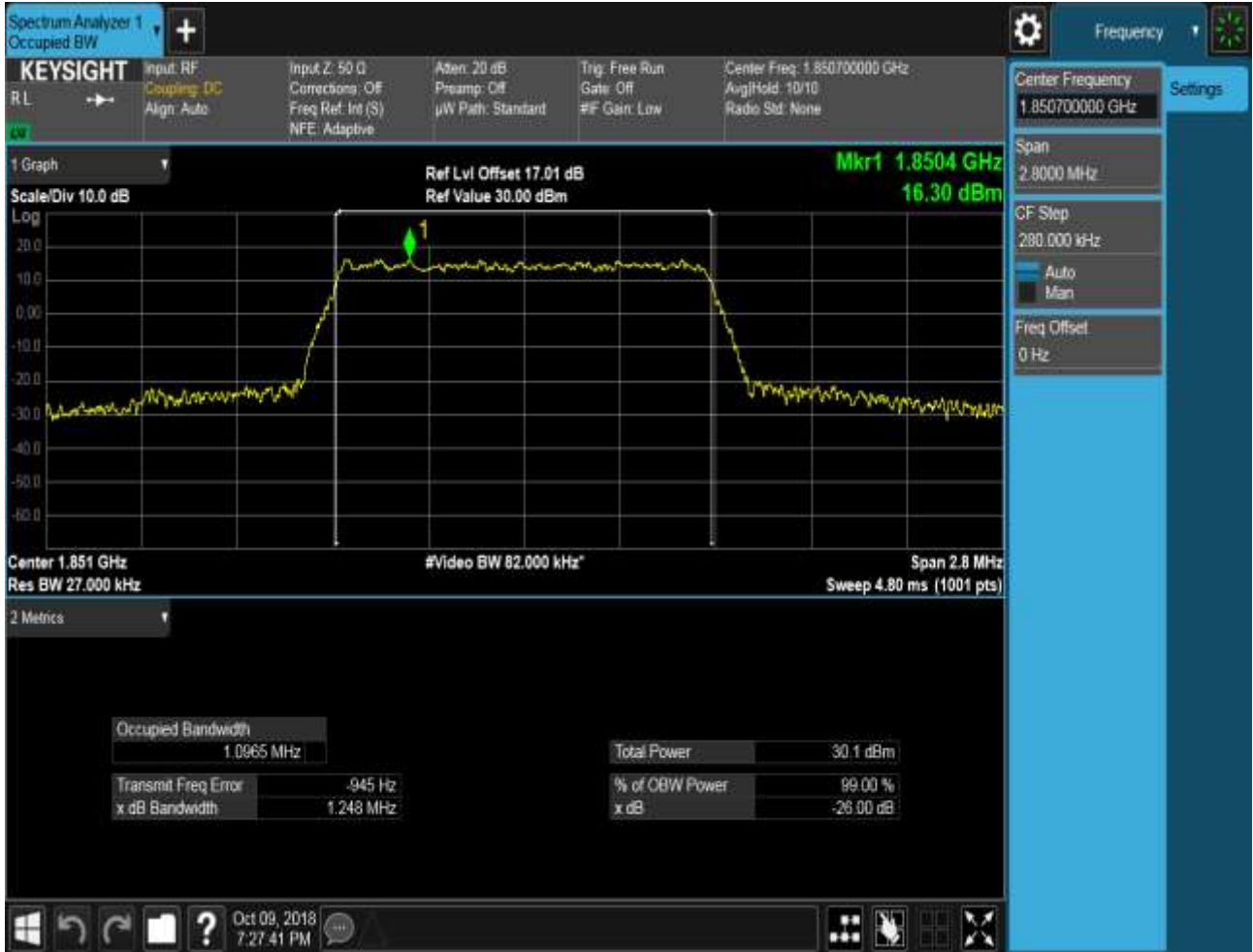


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

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 = 3

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 = 5

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 = 10

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 = 15

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 = 20

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 = 1.4

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

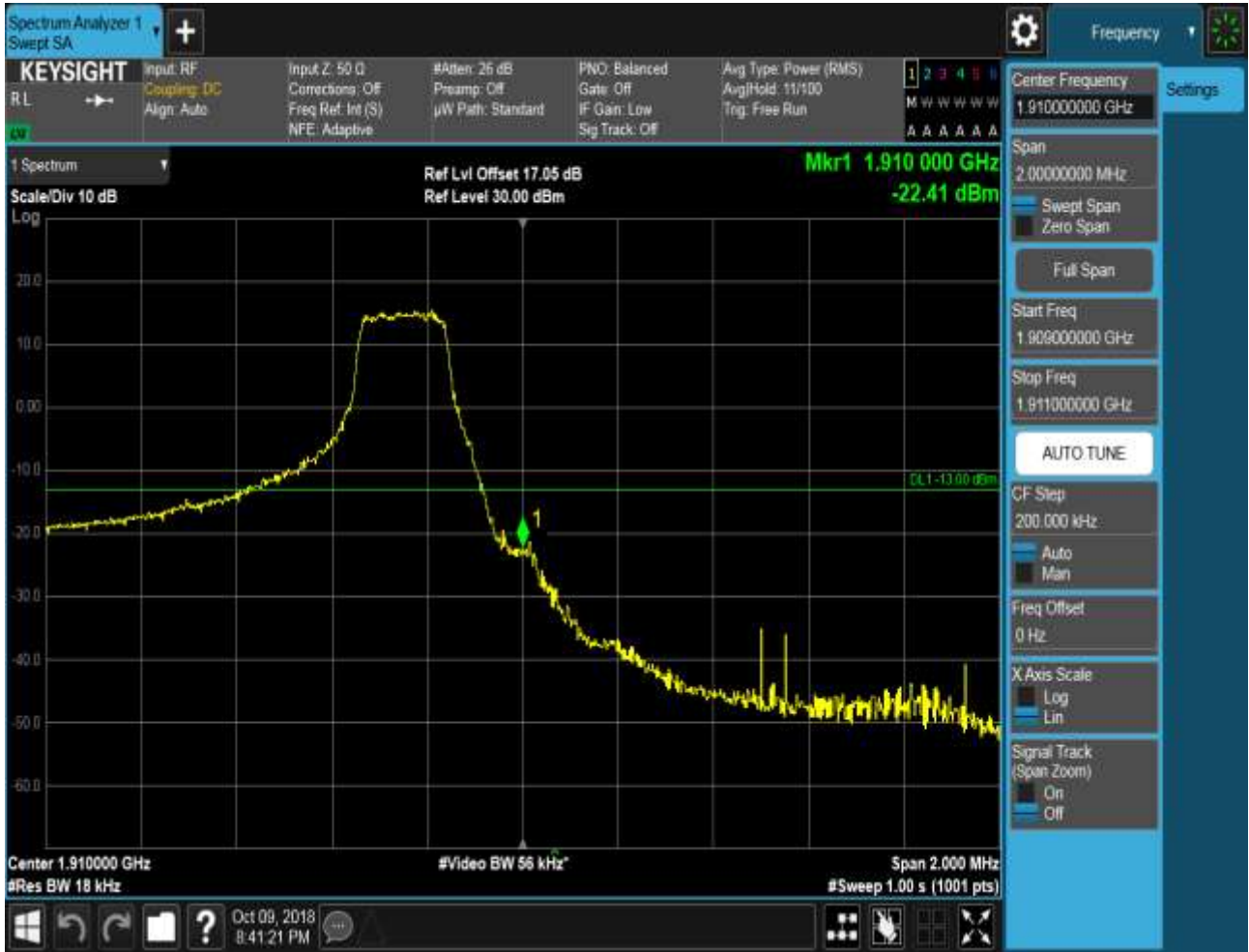


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2



5.1.1.1.2.4 Test RB = RB6#0



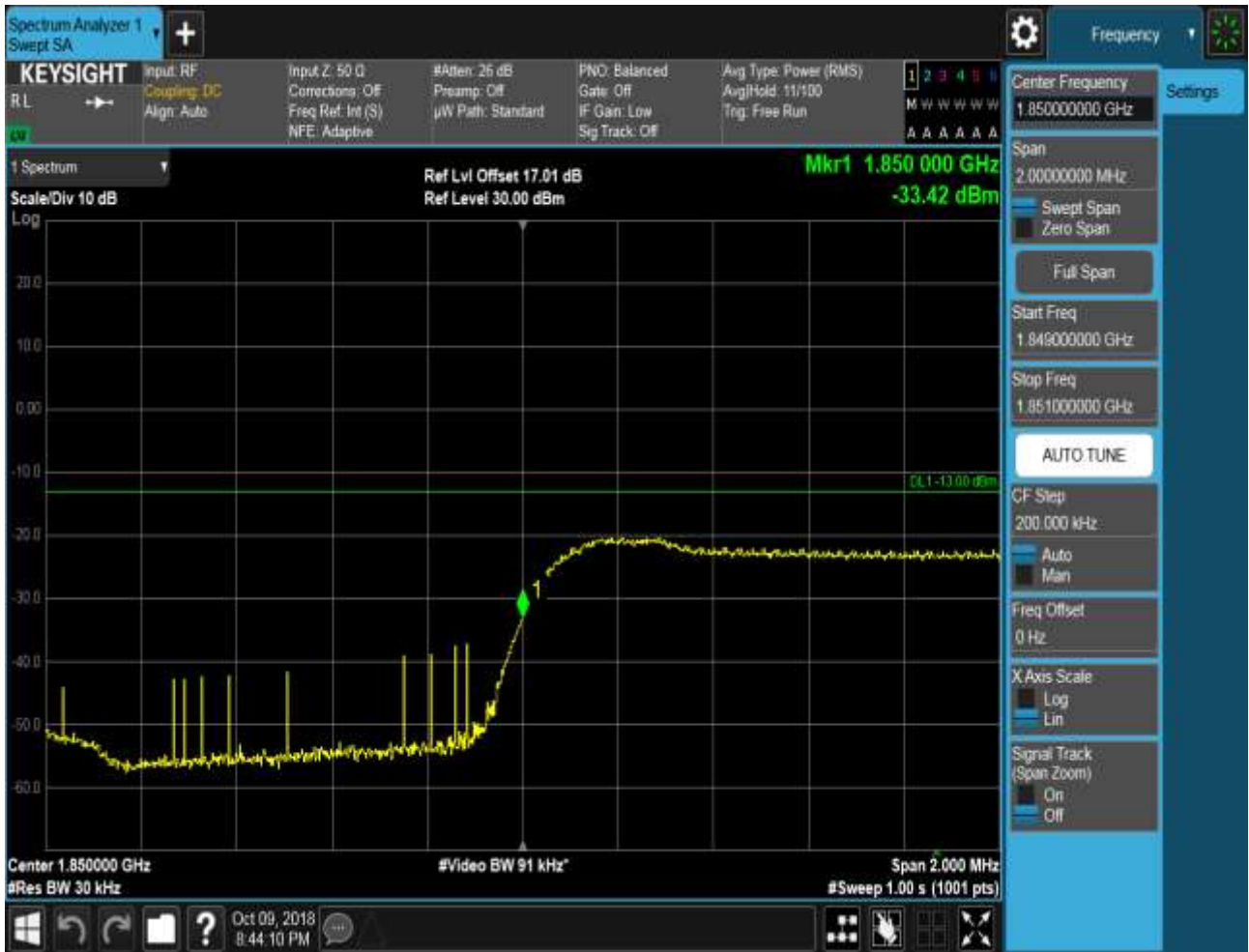
5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



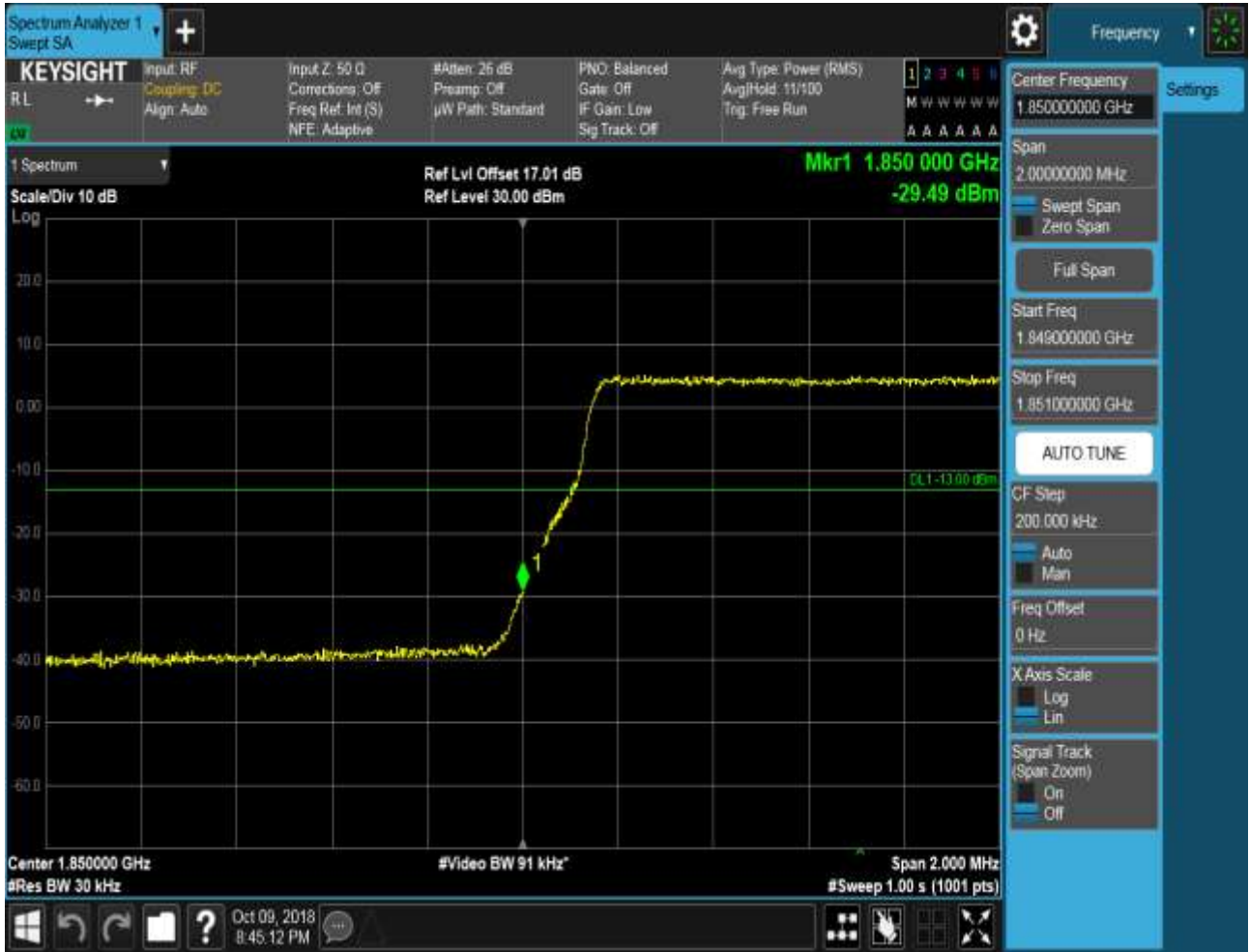
5.1.1.1.2.1.2 Test RB = RB1#14



5.1.1.1.2.1.3 Test RB = RB8#4

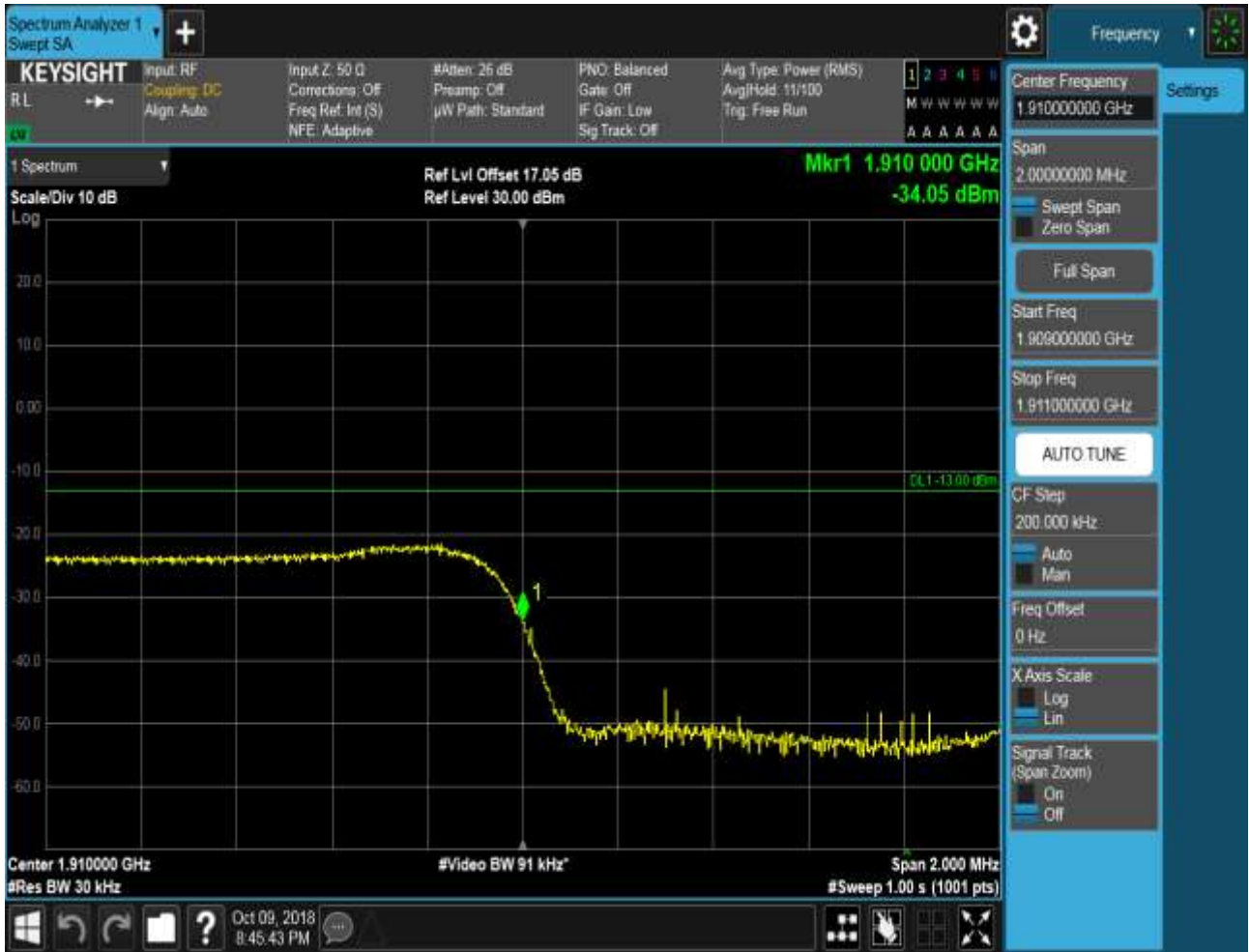


5.1.1.1.2.1.4 Test RB = RB15#0

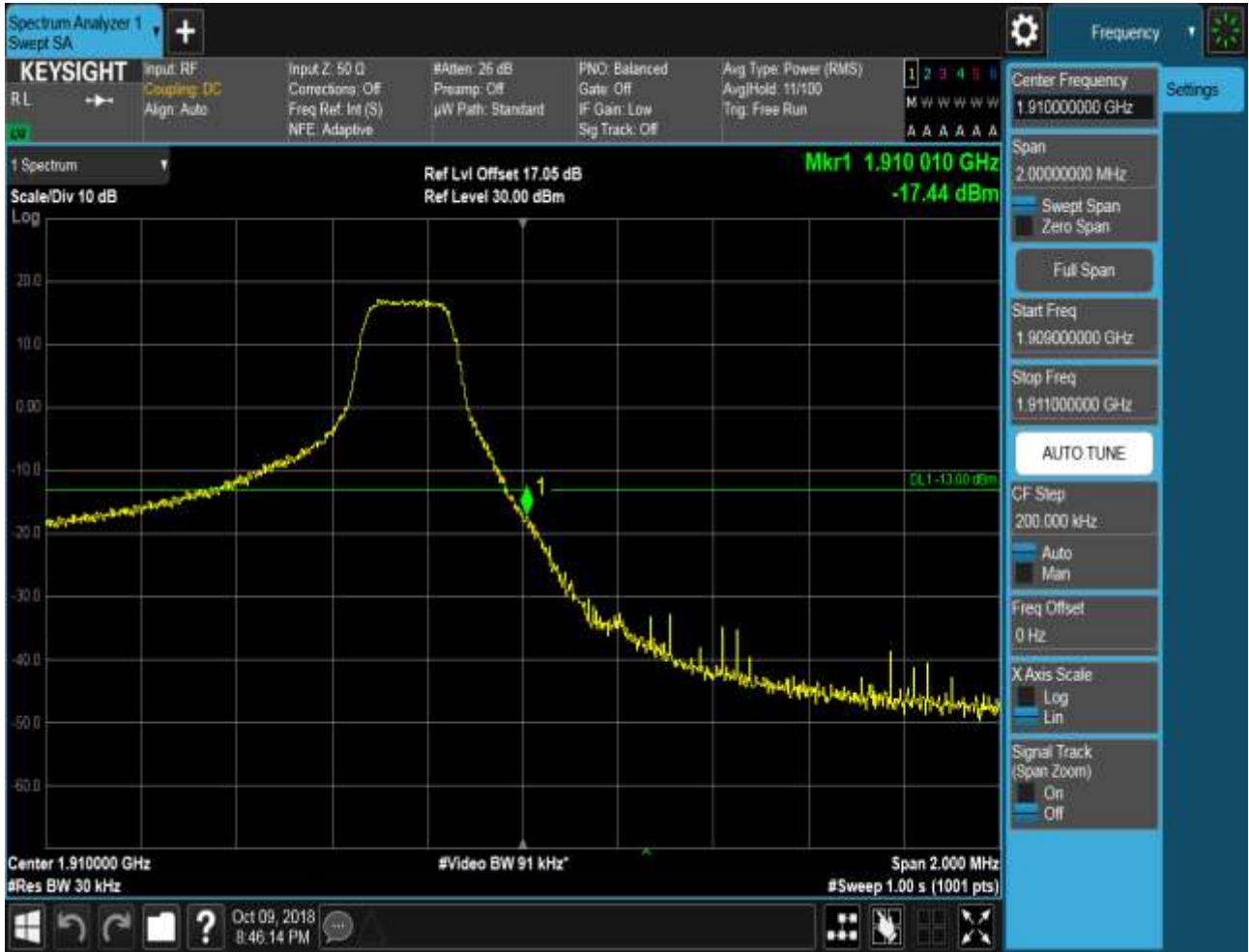


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#14



5.1.1.1.2.3 Test RB = RB#4



5.1.1.1.2.2.4 Test RB = RB15#0

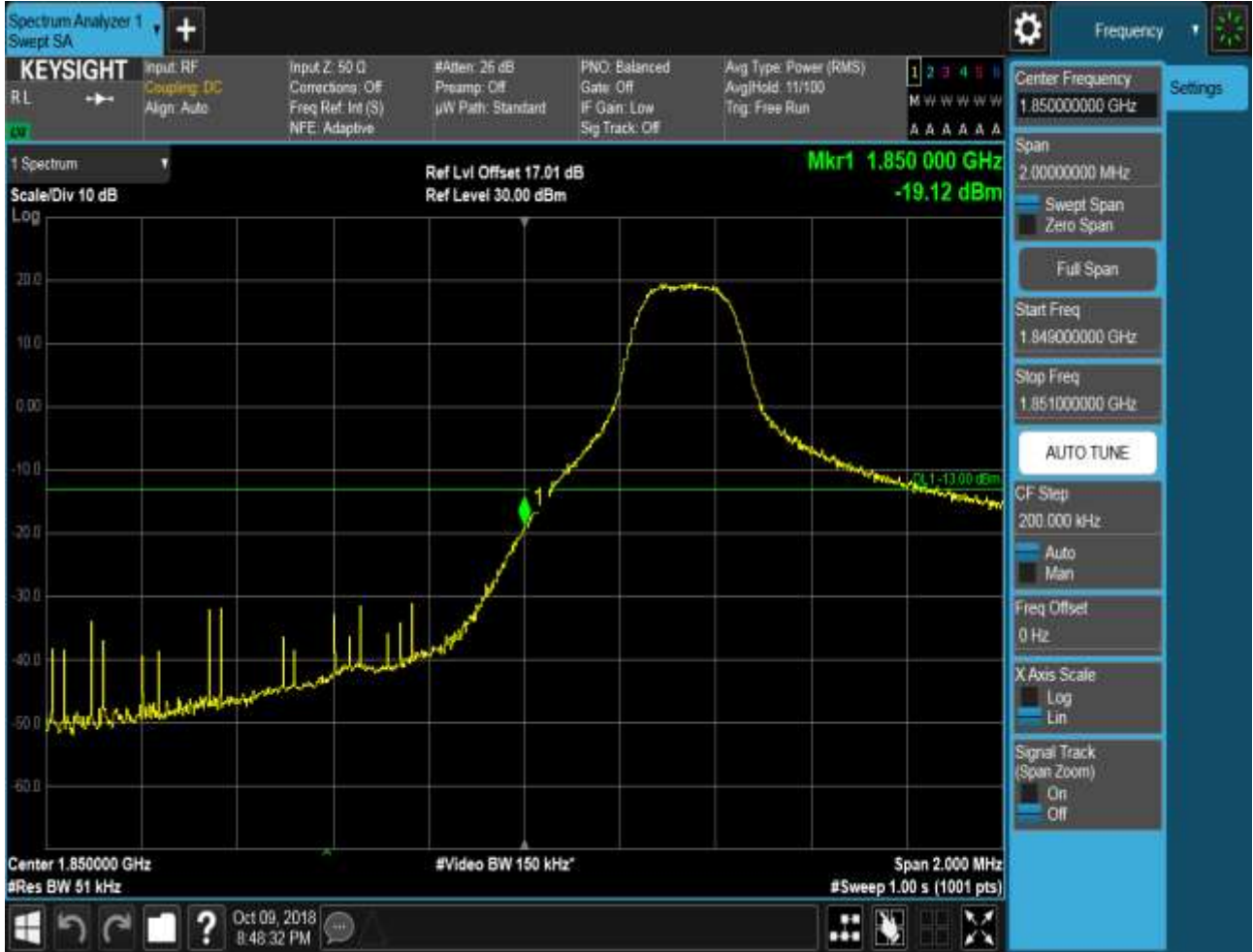




5.1.1.1.3 Test Bandwidth = 5

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

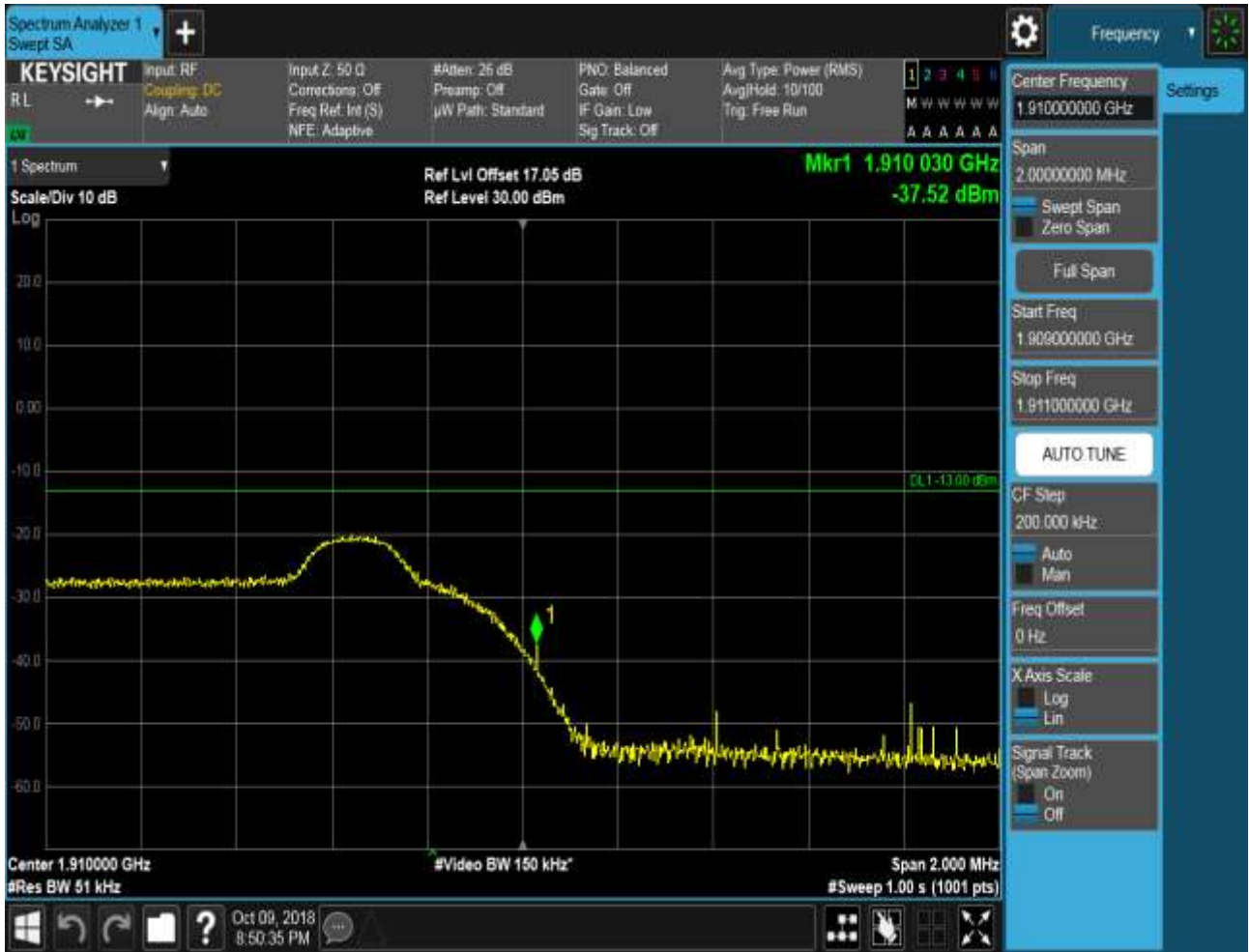


5.1.1.1.3.1.4 Test RB = RB25#0



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 = 10

5.1.1.1.4.1 Test Channel = LCH

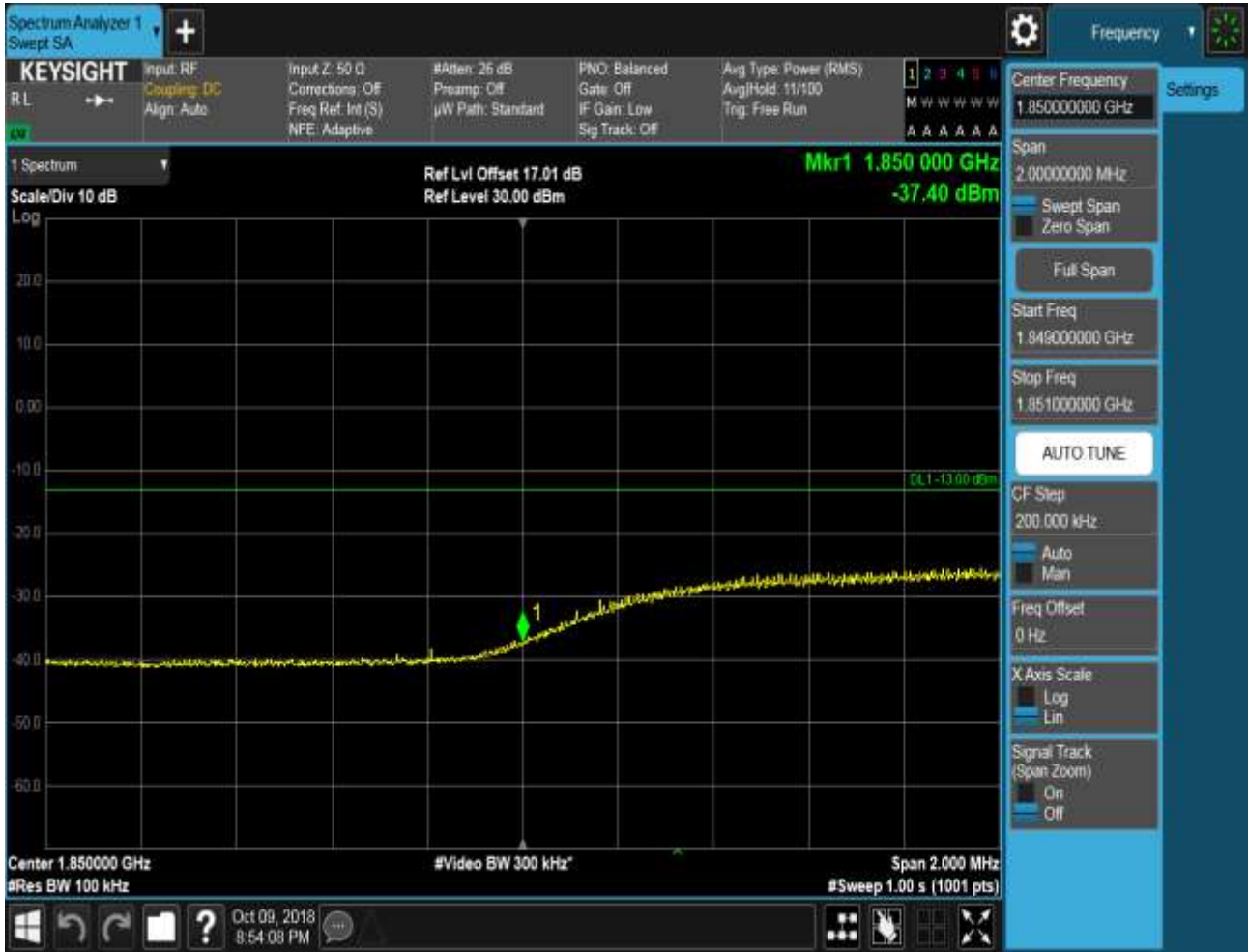
5.1.1.1.4.1.1 Test RB = RB1#0



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



5.1.1.1.4.2.3 Test RB = RB25#13



5.1.1.1.4.2.4 Test RB = RB50#0



5.1.1.1.5 Test Bandwidth = 15

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



5.1.1.1.6 Test Bandwidth = 20

5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





5.1.1.1.6.1.4 Test RB = RB100#0



5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0



5.1.1.1.6.2.2 Test RB = RB1#99





5.1.1.1.6.2.3 Test RB = RB50#25



5.1.1.1.6.2.4 Test RB = RB100#0



5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



5.1.1.2.1.1.2 Test RB = RB1#5



5.1.1.2.1.1.3 Test RB = RB3#2



5.1.1.2.1.1.4 Test RB = RB6#0

