

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	22.76	19.66	33	PASS
				RB1#3	22.89	19.79	33	PASS
				RB1#5	22.81	19.71	33	PASS
				RB3#0	22.79	19.69	33	PASS
				RB3#2	22.84	19.74	33	PASS
				RB3#3	22.78	19.68	33	PASS
				RB6#0	21.77	18.67	33	PASS
			MCH	RB1#0	23.18	20.08	33	PASS
				RB1#3	23.16	20.06	33	PASS
				RB1#5	23.09	19.99	33	PASS
				RB3#0	23.06	19.96	33	PASS
				RB3#2	23.13	20.03	33	PASS
				RB3#3	23.11	20.01	33	PASS
				RB6#0	22.06	18.96	33	PASS
HCH	RB1#0	22.61	19.51	33	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.36	19.26	33	PASS
				RB1#5	22.42	19.32	33	PASS
				RB3#0	22.35	19.25	33	PASS
				RB3#2	22.34	19.24	33	PASS
				RB3#3	22.32	19.22	33	PASS
				RB6#0	22.04	18.94	33	PASS
		3	LCH	RB1#0	22.88	19.78	33	PASS
				RB1#7	22.83	19.73	33	PASS
				RB1#14	22.71	19.61	33	PASS
				RB8#0	21.81	18.71	33	PASS
				RB8#4	21.81	18.71	33	PASS
				RB8#7	21.78	18.68	33	PASS
				RB15#0	21.76	18.66	33	PASS
				MCH	RB1#0	23.17	20.07	33
		RB1#7	23.26		20.16	33	PASS	
		RB1#14	23.05		19.95	33	PASS	
RB8#0	22.10	19	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#4	22.17	19.07	33	PASS
				RB8#7	22.10	19	33	PASS
				RB15#0	22.12	19.02	33	PASS
			HCH	RB1#0	22.97	19.87	33	PASS
				RB1#7	22.56	19.46	33	PASS
				RB1#14	22.35	19.25	33	PASS
				RB8#0	22.16	19.06	33	PASS
				RB8#4	22.15	19.05	33	PASS
				RB8#7	22.15	19.05	33	PASS
		RB15#0	22.14	19.04	33	PASS		
		5	LCH	RB1#0	22.97	19.87	33	PASS
				RB1#13	22.80	19.7	33	PASS
				RB1#24	22.79	19.69	33	PASS
				RB12#0	21.89	18.79	33	PASS
				RB12#6	21.83	18.73	33	PASS
RB12#13	21.76			18.66	33	PASS		
			RB25#0	21.78	18.68	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	23.37	20.27	33	PASS
				RB1#13	23.24	20.14	33	PASS
				RB1#24	23.07	19.97	33	PASS
				RB12#0	22.26	19.16	33	PASS
				RB12#6	22.17	19.07	33	PASS
				RB12#13	22.05	18.95	33	PASS
				RB25#0	22.17	19.07	33	PASS
			HCH	RB1#0	23.15	20.05	33	PASS
				RB1#13	22.76	19.66	33	PASS
				RB1#24	22.32	19.22	33	PASS
				RB12#0	22.32	19.22	33	PASS
				RB12#6	22.24	19.14	33	PASS
				RB12#13	22.14	19.04	33	PASS
				RB25#0	22.24	19.14	33	PASS
		10	LCH	RB1#0	23.02	19.92	33	PASS
RB1#25	22.90	19.8		33	PASS			
RB1#49	22.91	19.81		33	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.89	18.79	33	PASS
				RB25#13	21.98	18.88	33	PASS
				RB25#25	21.98	18.88	33	PASS
				RB50#0	21.93	18.83	33	PASS
			MCH	RB1#0	23.25	20.15	33	PASS
				RB1#25	23.20	20.1	33	PASS
				RB1#49	23.27	20.17	33	PASS
				RB25#0	22.26	19.16	33	PASS
				RB25#13	22.17	19.07	33	PASS
				RB25#25	22.07	18.97	33	PASS
				RB50#0	22.15	19.05	33	PASS
			HCH	RB1#0	23.13	20.03	33	PASS
				RB1#25	23.16	20.06	33	PASS
				RB1#49	22.34	19.24	33	PASS
				RB25#0	22.20	19.1	33	PASS
				RB25#13	22.24	19.14	33	PASS
				RB25#25	22.26	19.16	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	22.24	19.14	33	PASS
		15	LCH	RB1#0	22.34	19.24	33	PASS
				RB1#38	22.70	19.6	33	PASS
				RB1#74	22.83	19.73	33	PASS
				RB38#0	21.60	18.5	33	PASS
				RB38#19	21.72	18.62	33	PASS
				RB38#39	21.71	18.61	33	PASS
				RB75#0	21.58	18.48	33	PASS
				MCH	RB1#0	22.67	19.57	33
			RB1#38		23.11	20.01	33	PASS
			RB1#74		23.11	20.01	33	PASS
			RB38#0		21.90	18.8	33	PASS
			RB38#19		22.12	19.02	33	PASS
			RB38#39		22.15	19.05	33	PASS
			RB75#0		21.98	18.88	33	PASS
			HCH	RB1#0	22.61	19.51	33	PASS
				RB1#38	23.06	19.96	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#74	22.33	19.23	33	PASS	
				RB38#0	21.75	18.65	33	PASS	
				RB38#19	22.07	18.97	33	PASS	
				RB38#39	22.09	18.99	33	PASS	
				RB75#0	22.01	18.91	33	PASS	
		20	LCH	RB1#0	23.16	20.06	33	PASS	
				RB1#50	22.96	19.86	33	PASS	
				RB1#99	22.48	19.38	33	PASS	
				RB50#0	22.02	18.92	33	PASS	
				RB50#25	22.02	18.92	33	PASS	
				RB50#50	21.84	18.74	33	PASS	
				RB100#0	21.93	18.83	33	PASS	
				MCH	RB1#0	23.38	20.28	33	PASS
					RB1#50	23.14	20.04	33	PASS
					RB1#99	22.61	19.51	33	PASS
RB50#0	22.22	19.12	33		PASS				
RB50#25	22.20	19.1	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.09	18.99	33	PASS
				RB100#0	22.19	19.09	33	PASS
			HCH	RB1#0	23.28	20.18	33	PASS
				RB1#50	23.03	19.93	33	PASS
				RB1#99	22.35	19.25	33	PASS
				RB50#0	22.19	19.09	33	PASS
				RB50#25	22.08	18.98	33	PASS
				RB50#50	22.04	18.94	33	PASS
				RB100#0	22.14	19.04	33	PASS
			LCH	RB1#0	22.20	19.1	33	PASS
				RB1#3	22.25	19.15	33	PASS
				RB1#5	22.30	19.2	33	PASS
				RB3#0	21.96	18.86	33	PASS
				RB3#2	22.07	18.97	33	PASS
				RB3#3	21.99	18.89	33	PASS
RB6#0	20.69	17.59		33	PASS			
MCH	RB1#0	22.32	19.22	33	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.27	19.17	33	PASS
				RB1#5	22.28	19.18	33	PASS
				RB3#0	22.21	19.11	33	PASS
				RB3#2	22.20	19.1	33	PASS
				RB3#3	22.12	19.02	33	PASS
				RB6#0	21.26	18.16	33	PASS
			HCH	RB1#0	21.71	18.61	33	PASS
				RB1#3	21.49	18.39	33	PASS
				RB1#5	21.31	18.21	33	PASS
				RB3#0	21.70	18.6	33	PASS
				RB3#2	21.59	18.49	33	PASS
				RB3#3	21.46	18.36	33	PASS
		3	LCH	RB1#0	22.31	19.21	33	PASS
				RB1#7	22.25	19.15	33	PASS
				RB1#14	22.18	19.08	33	PASS
				RB8#0	20.87	17.77	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#4	20.89	17.79	33	PASS
				RB8#7	20.80	17.7	33	PASS
				RB15#0	20.83	17.73	33	PASS
			MCH	RB1#0	22.18	19.08	33	PASS
				RB1#7	22.27	19.17	33	PASS
				RB1#14	22.01	18.91	33	PASS
				RB8#0	21.21	18.11	33	PASS
				RB8#4	21.25	18.15	33	PASS
				RB8#7	21.20	18.1	33	PASS
				RB15#0	21.17	18.07	33	PASS
			HCH	RB1#0	22.09	18.99	33	PASS
				RB1#7	21.69	18.59	33	PASS
				RB1#14	21.12	18.02	33	PASS
				RB8#0	21.21	18.11	33	PASS
				RB8#4	21.20	18.1	33	PASS
RB8#7	21.17	18.07		33	PASS			
RB15#0	21.08	17.98		33	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB1#0	22.43	19.33	33	PASS
				RB1#13	22.33	19.23	33	PASS
				RB1#24	22.31	19.21	33	PASS
				RB12#0	21.01	17.91	33	PASS
				RB12#6	20.95	17.85	33	PASS
				RB12#13	20.86	17.76	33	PASS
				RB25#0	20.85	17.75	33	PASS
			MCH	RB1#0	22.58	19.48	33	PASS
				RB1#13	22.45	19.35	33	PASS
				RB1#24	22.34	19.24	33	PASS
				RB12#0	21.22	18.12	33	PASS
				RB12#6	21.22	18.12	33	PASS
				RB12#13	21.09	17.99	33	PASS
				RB25#0	21.15	18.05	33	PASS
			HCH	RB1#0	22.37	19.27	33	PASS
				RB1#13	21.97	18.87	33	PASS
				RB1#24	21.08	17.98	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB12#0	21.33	18.23	33	PASS	
				RB12#6	21.21	18.11	33	PASS	
				RB12#13	21.12	18.02	33	PASS	
				RB25#0	21.18	18.08	33	PASS	
		10	LCH	RB1#0	22.41	19.31	33	PASS	
				RB1#25	22.34	19.24	33	PASS	
				RB1#49	22.44	19.34	33	PASS	
				RB25#0	20.95	17.85	33	PASS	
				RB25#13	21.00	17.9	33	PASS	
				RB25#25	21.01	17.91	33	PASS	
				RB50#0	20.97	17.87	33	PASS	
				MCH	RB1#0	22.24	19.14	33	PASS
					RB1#25	22.29	19.19	33	PASS
					RB1#49	22.23	19.13	33	PASS
RB25#0	21.29	18.19	33		PASS				
RB25#13	21.18	18.08	33		PASS				
RB25#25	21.07	17.97	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB50#0	21.09	17.99	33	PASS
				RB1#0	22.22	19.12	33	PASS
				RB1#25	22.20	19.1	33	PASS
				RB1#49	21.36	18.26	33	PASS
				RB25#0	21.29	18.19	33	PASS
				RB25#13	21.34	18.24	33	PASS
				RB25#25	21.30	18.2	33	PASS
				RB50#0	21.27	18.17	33	PASS
		15	LCH	RB1#0	21.68	18.58	33	PASS
				RB1#38	22.14	19.04	33	PASS
				RB1#74	22.41	19.31	33	PASS
				RB38#0	20.55	17.45	33	PASS
				RB38#19	20.80	17.7	33	PASS
				RB38#39	20.81	17.71	33	PASS
				RB75#0	20.69	17.59	33	PASS
	MCH	RB1#0	21.72	18.62	33	PASS		
		RB1#38	22.12	19.02	33	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	22.12	19.02	33	PASS
				RB38#0	20.86	17.76	33	PASS
				RB38#19	21.11	18.01	33	PASS
				RB38#39	21.12	18.02	33	PASS
				RB75#0	20.94	17.84	33	PASS
			HCH	RB1#0	22.09	18.99	33	PASS
				RB1#38	22.46	19.36	33	PASS
				RB1#74	21.42	18.32	33	PASS
				RB38#0	20.77	17.67	33	PASS
				RB38#19	21.05	17.95	33	PASS
		20	LCH	RB38#39	21.10	18	33	PASS
				RB75#0	21.00	17.9	33	PASS
				RB1#0	22.57	19.47	33	PASS
				RB1#50	22.46	19.36	33	PASS
				RB1#99	21.96	18.86	33	PASS
				RB50#0	21.06	17.96	33	PASS
				RB50#25	21.07	17.97	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	20.88	17.78	33	PASS
				RB100#0	20.94	17.84	33	PASS
			MCH	RB1#0	22.96	19.86	33	PASS
				RB1#50	22.76	19.66	33	PASS
				RB1#99	22.19	19.09	33	PASS
				RB50#0	21.21	18.11	33	PASS
				RB50#25	21.19	18.09	33	PASS
				RB50#50	21.06	17.96	33	PASS
				RB100#0	21.19	18.09	33	PASS
				HCH	RB1#0	22.65	19.55	33
			RB1#50		22.47	19.37	33	PASS
			RB1#99		21.44	18.34	33	PASS
			RB50#0		21.20	18.1	33	PASS
			RB50#25		21.08	17.98	33	PASS
			RB50#50		21.03	17.93	33	PASS
			RB100#0		21.11	18.01	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	5.33	13	PASS
				RB1#3	4.99	13	PASS
				RB1#5	5.17	13	PASS
				RB3#0	5.01	13	PASS
				RB3#2	4.97	13	PASS
				RB3#3	5.08	13	PASS
			RB6#0	6.30	13	PASS	
			MCH	RB1#0	4.48	13	PASS
				RB1#3	4.41	13	PASS
				RB1#5	4.55	13	PASS
				RB3#0	5.11	13	PASS
				RB3#2	5.08	13	PASS
				RB3#3	5.18	13	PASS
			RB6#0	5.98	13	PASS	
			HCH	RB1#0	4.25	13	PASS
				RB1#3	4.28	13	PASS
				RB1#5	4.39	13	PASS
				RB3#0	4.19	13	PASS
		RB3#2		4.13	13	PASS	
		RB3#3		4.37	13	PASS	
		RB6#0	5.18	13	PASS		
		3	LCH	RB1#0	4.64	13	PASS
				RB1#7	4.57	13	PASS
				RB1#14	4.78	13	PASS
				RB8#0	5.41	13	PASS
				RB8#4	5.39	13	PASS
				RB8#7	5.48	13	PASS
			RB15#0	5.80	13	PASS	
			MCH	RB1#0	4.47	13	PASS
				RB1#7	4.39	13	PASS
RB1#14	4.61			13	PASS		
RB8#0	5.75			13	PASS		
RB8#4	5.81			13	PASS		
RB8#7	6.04	13		PASS			
RB15#0	5.79	13	PASS				
HCH	RB1#0	3.97	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB1#7	3.97	13	PASS
				RB1#14	4.20	13	PASS
				RB8#0	5.47	13	PASS
				RB8#4	5.17	13	PASS
				RB8#7	5.12	13	PASS
				RB15#0	5.78	13	PASS
		5	LCH	RB1#0	4.67	13	PASS
				RB1#13	4.65	13	PASS
				RB1#24	4.80	13	PASS
				RB12#0	5.54	13	PASS
				RB12#6	5.50	13	PASS
				RB12#13	5.68	13	PASS
			MCH	RB25#0	5.92	13	PASS
				RB1#0	4.89	13	PASS
				RB1#13	4.84	13	PASS
				RB1#24	5.14	13	PASS
				RB12#0	5.61	13	PASS
				RB12#6	5.55	13	PASS
			HCH	RB12#13	5.63	13	PASS
				RB25#0	5.65	13	PASS
				RB1#0	4.27	13	PASS
				RB1#13	4.11	13	PASS
				RB1#24	4.60	13	PASS
				RB12#0	5.22	13	PASS
		10	LCH	RB12#6	5.12	13	PASS
				RB12#13	5.05	13	PASS
				RB25#0	5.59	13	PASS
				RB1#0	4.64	13	PASS
				RB1#25	4.63	13	PASS
				RB1#49	4.81	13	PASS
MCH	RB25#0		5.77	13	PASS		
	RB25#13		5.72	13	PASS		
	RB25#25		5.74	13	PASS		
	RB50#0		5.84	13	PASS		
	RB1#0		4.45	13	PASS		
	RB1#25		4.44	13	PASS		
				RB1#49	4.57	13	PASS
				RB25#0	5.65	13	PASS
				RB25#13	5.57	13	PASS
				RB25#25	5.71	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
		15	HCH	RB50#0	6.12	13	PASS		
				RB1#0	4.33	13	PASS		
				RB1#25	4.04	13	PASS		
				RB1#49	4.48	13	PASS		
				RB25#0	5.61	13	PASS		
				RB25#13	5.41	13	PASS		
				RB25#25	5.41	13	PASS		
				RB50#0	5.86	13	PASS		
		15	LCH	RB1#0	4.98	13	PASS		
				RB1#38	4.63	13	PASS		
				RB1#74	4.80	13	PASS		
				RB38#0	5.88	13	PASS		
				RB38#19	5.98	13	PASS		
				RB38#39	5.95	13	PASS		
				RB75#0	6.33	13	PASS		
				15	MCH	RB1#0	4.70	13	PASS
						RB1#38	4.46	13	PASS
						RB1#74	4.54	13	PASS
						RB38#0	6.04	13	PASS
						RB38#19	5.89	13	PASS
		RB38#39	5.85			13	PASS		
		15	HCH	RB1#0	4.40	13	PASS		
				RB1#38	4.07	13	PASS		
				RB1#74	4.18	13	PASS		
				RB38#0	5.83	13	PASS		
				RB38#19	5.75	13	PASS		
				RB38#39	5.53	13	PASS		
		20	LCH	RB1#0	4.38	13	PASS		
				RB1#50	4.44	13	PASS		
				RB1#99	4.78	13	PASS		
				RB50#0	5.75	13	PASS		
				RB50#25	5.71	13	PASS		
				RB50#50	5.82	13	PASS		
			20	MCH	RB100#0	6.18	13	PASS	
					RB1#0	4.58	13	PASS	
					RB1#50	4.72	13	PASS	
					RB1#99	5.07	13	PASS	
					RB50#0	5.84	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	5.92	13	PASS
				RB50#50	5.99	13	PASS
				RB100#0	6.11	13	PASS
			HCH	RB1#0	4.61	13	PASS
				RB1#50	4.55	13	PASS
				RB1#99	4.58	13	PASS
				RB50#0	5.88	13	PASS
				RB50#25	5.79	13	PASS
				RB50#50	5.69	13	PASS
			RB100#0	6.22	13	PASS	
			LCH	RB1#0	5.69	13	PASS
				RB1#3	5.53	13	PASS
				RB1#5	5.68	13	PASS
				RB3#0	6.08	13	PASS
				RB3#2	5.95	13	PASS
	RB3#3	6.03		13	PASS		
	RB6#0	6.56		13	PASS		
	MCH	RB1#0		5.56	13	PASS	
		RB1#3		5.40	13	PASS	
		RB1#5		5.60	13	PASS	
		RB3#0		5.94	13	PASS	
		RB3#2		5.78	13	PASS	
		RB3#3	5.88	13	PASS		
	RB6#0	6.43	13	PASS			
	HCH	RB1#0	4.84	13	PASS		
		RB1#3	4.82	13	PASS		
		RB1#5	5.02	13	PASS		
		RB3#0	5.42	13	PASS		
		RB3#2	5.28	13	PASS		
		RB3#3	5.53	13	PASS		
	RB6#0	6.19	13	PASS			
	3	LCH	RB1#0	5.29	13	PASS	
			RB1#7	5.24	13	PASS	
RB1#14			5.36	13	PASS		
RB8#0			6.61	13	PASS		
RB8#4			6.54	13	PASS		
RB8#7			6.68	13	PASS		
RB15#0		6.33	13	PASS			
MCH		RB1#0	5.84	13	PASS		
		RB1#7	5.73	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#14	5.99	13	PASS	
				RB8#0	6.58	13	PASS	
				RB8#4	6.53	13	PASS	
				RB8#7	6.67	13	PASS	
				RB15#0	6.90	13	PASS	
			HCH	RB1#0	5.00	13	PASS	
				RB1#7	5.02	13	PASS	
				RB1#14	5.25	13	PASS	
				RB8#0	5.92	13	PASS	
				RB8#4	5.78	13	PASS	
				RB8#7	5.69	13	PASS	
				RB15#0	6.72	13	PASS	
				LCH	RB1#0	4.65	13	PASS
					RB1#13	4.67	13	PASS
					RB1#24	4.72	13	PASS
		RB12#0			6.11	13	PASS	
		RB12#6			6.16	13	PASS	
		RB12#13			6.28	13	PASS	
		RB25#0	6.83		13	PASS		
		MCH	RB1#0	5.63	13	PASS		
			RB1#13	5.59	13	PASS		
			RB1#24	5.80	13	PASS		
			RB12#0	6.46	13	PASS		
			RB12#6	6.56	13	PASS		
			RB12#13	6.72	13	PASS		
			RB25#0	6.83	13	PASS		
		HCH	RB1#0	5.10	13	PASS		
			RB1#13	5.01	13	PASS		
			RB1#24	5.38	13	PASS		
			RB12#0	6.05	13	PASS		
			RB12#6	5.96	13	PASS		
			RB12#13	5.88	13	PASS		
			RB25#0	6.68	13	PASS		
10	LCH	RB1#0	5.21	13	PASS			
		RB1#25	5.19	13	PASS			
		RB1#49	5.38	13	PASS			
		RB25#0	6.56	13	PASS			
		RB25#13	6.52	13	PASS			
		RB25#25	6.62	13	PASS			
		RB50#0	7.14	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	5.77	13	PASS
				RB1#25	5.75	13	PASS
				RB1#49	5.87	13	PASS
				RB25#0	6.90	13	PASS
				RB25#13	6.88	13	PASS
				RB25#25	6.99	13	PASS
				RB50#0	7.12	13	PASS
			HCH	RB1#0	5.37	13	PASS
				RB1#25	5.04	13	PASS
				RB1#49	5.53	13	PASS
				RB25#0	6.69	13	PASS
				RB25#13	6.51	13	PASS
				RB25#25	6.38	13	PASS
				RB50#0	6.44	13	PASS
		15	LCH	RB1#0	5.55	13	PASS
				RB1#38	5.28	13	PASS
				RB1#74	5.36	13	PASS
				RB38#0	6.82	13	PASS
				RB38#19	6.92	13	PASS
				RB38#39	6.95	13	PASS
				RB75#0	6.85	13	PASS
			MCH	RB1#0	6.09	13	PASS
				RB1#38	5.78	13	PASS
				RB1#74	5.86	13	PASS
				RB38#0	7.08	13	PASS
				RB38#19	6.86	13	PASS
				RB38#39	7.02	13	PASS
				RB75#0	7.18	13	PASS
		HCH	RB1#0	6.02	13	PASS	
			RB1#38	5.55	13	PASS	
			RB1#74	5.63	13	PASS	
			RB38#0	6.95	13	PASS	
RB38#19	6.75		13	PASS			
RB38#39	6.70		13	PASS			
RB75#0	6.99		13	PASS			
20	LCH	RB1#0	5.47	13	PASS		
		RB1#50	5.56	13	PASS		
		RB1#99	6.09	13	PASS		
		RB50#0	6.77	13	PASS		
		RB50#25	6.72	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#50	6.93	13	PASS
				RB100#0	6.98	13	PASS
			MCH	RB1#0	4.56	13	PASS
				RB1#50	4.65	13	PASS
				RB1#99	4.93	13	PASS
				RB50#0	6.90	13	PASS
				RB50#25	7.08	13	PASS
				RB50#50	6.93	13	PASS
				RB100#0	7.35	13	PASS
				HCH	RB1#0	5.37	13
			RB1#50		5.31	13	PASS
			RB1#99		5.35	13	PASS
			RB50#0		6.85	13	PASS
			RB50#25		6.77	13	PASS
			RB50#50		6.63	13	PASS
			RB100#0		6.75	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

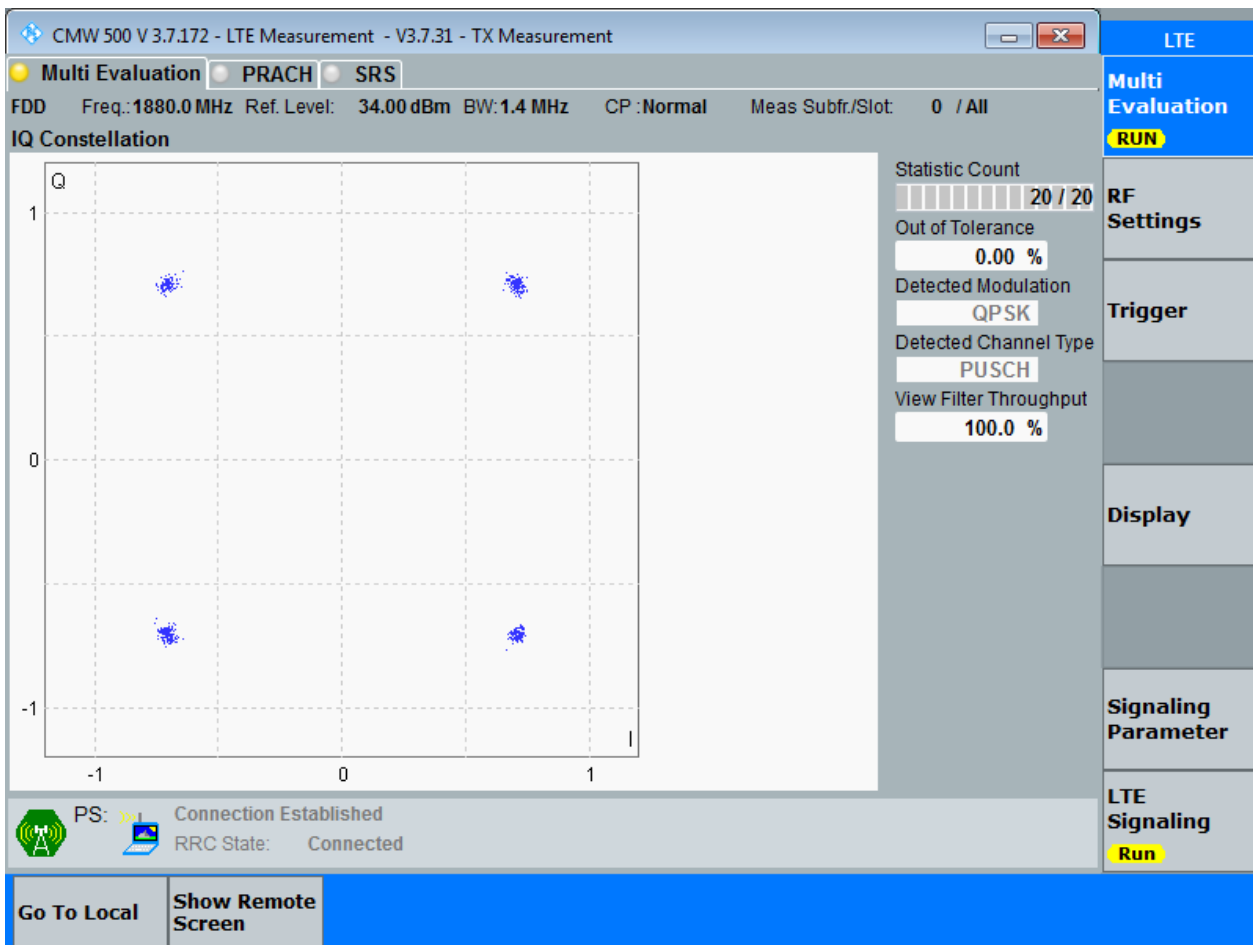
3.1.1 Test Band = Band2

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

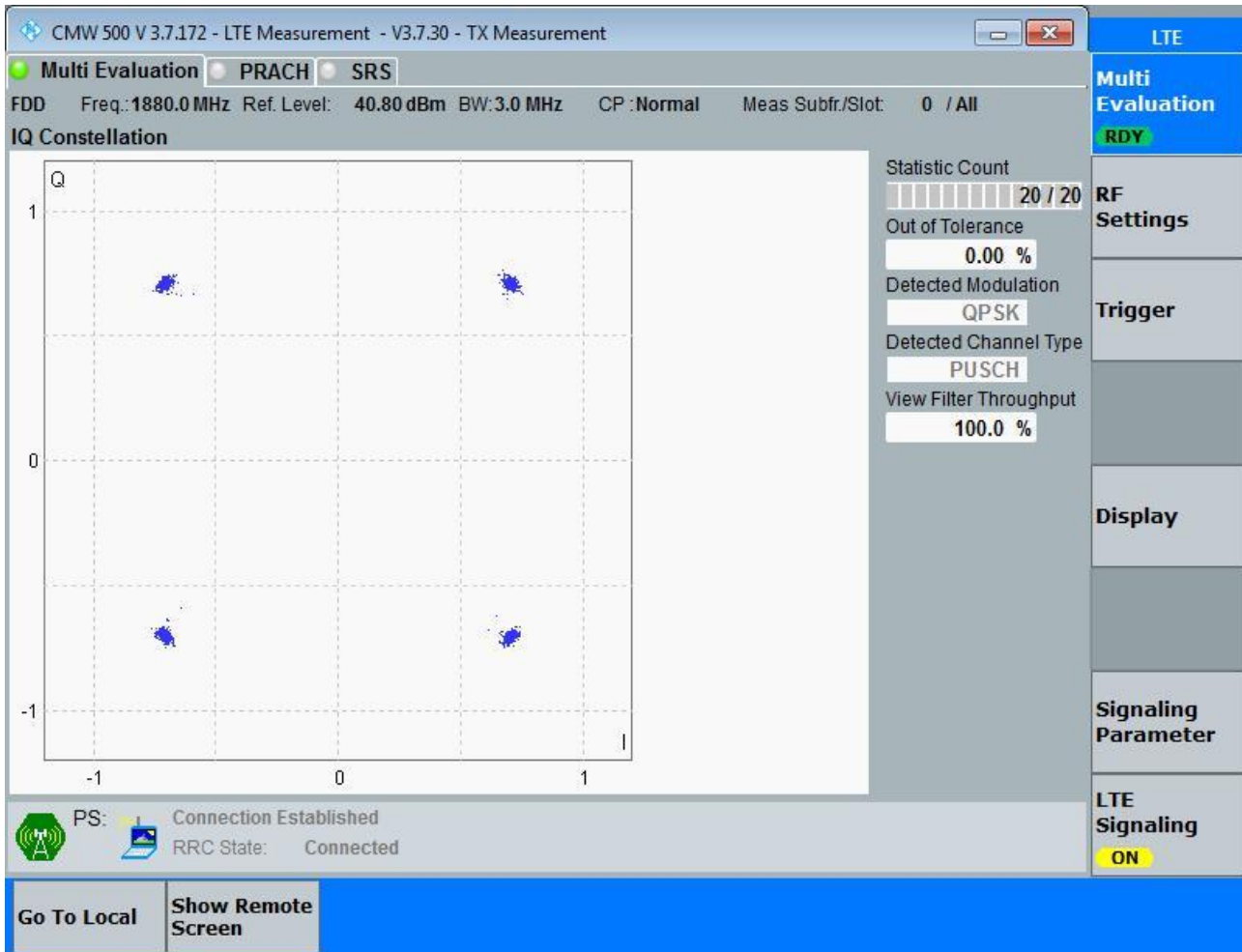
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

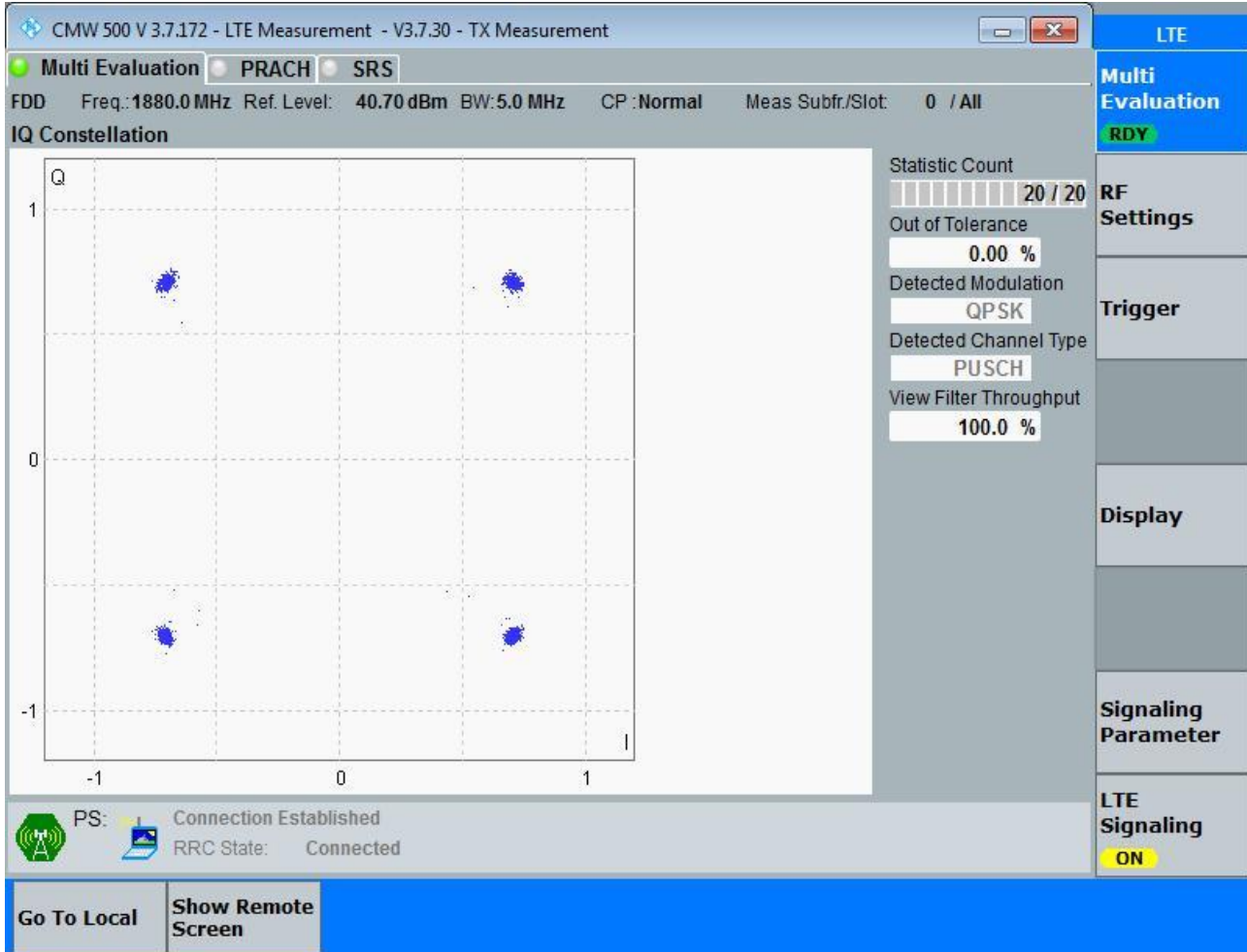
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

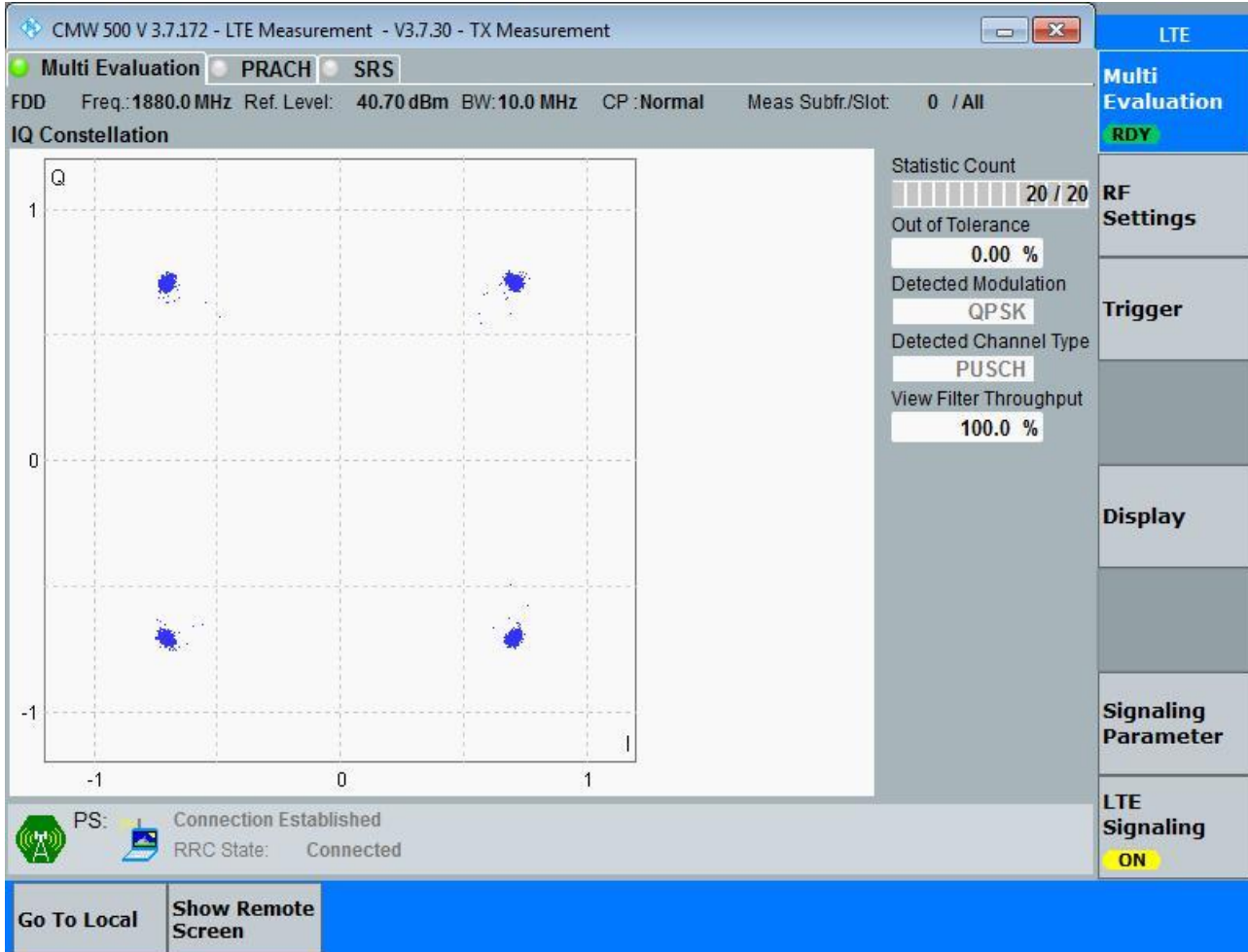
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

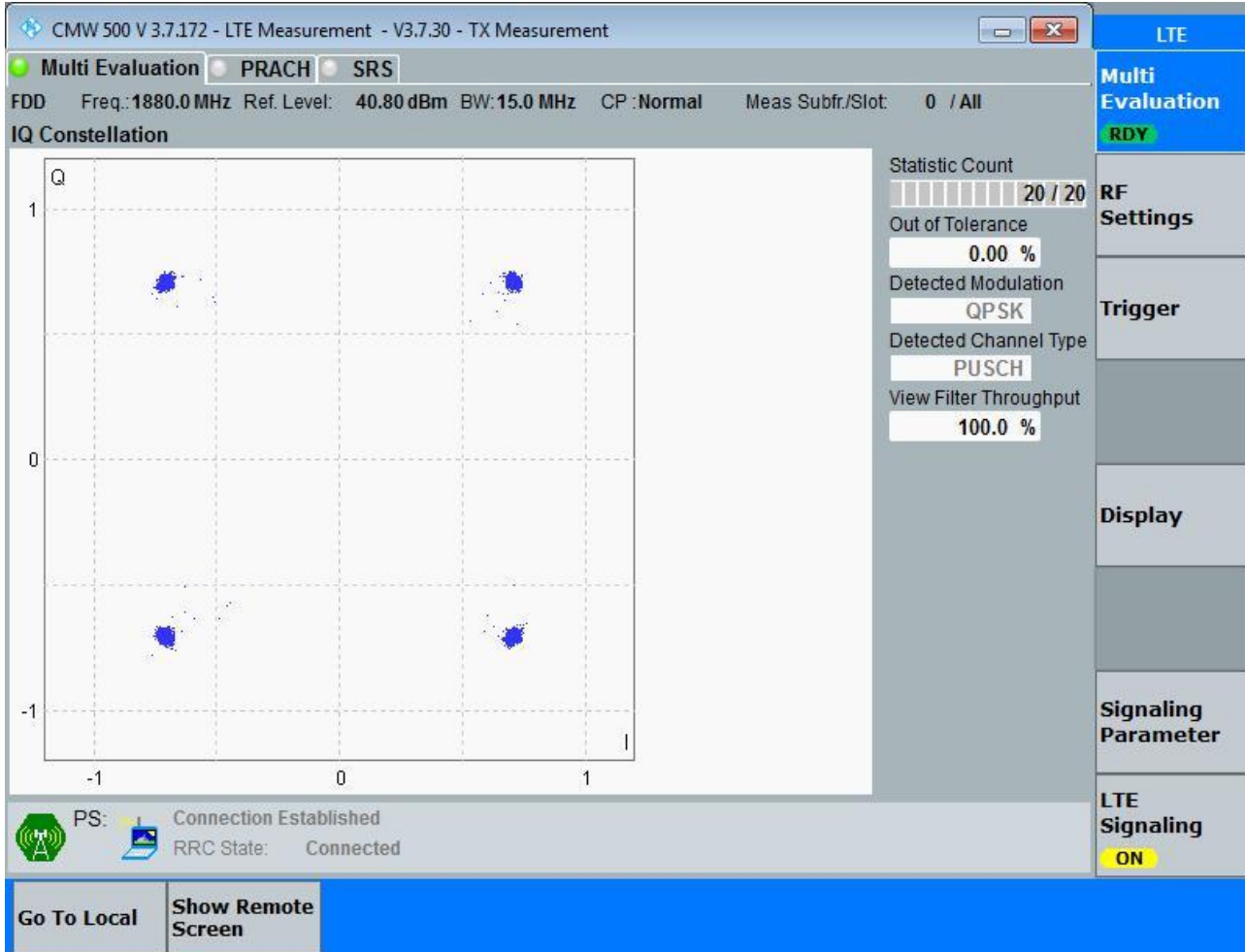
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

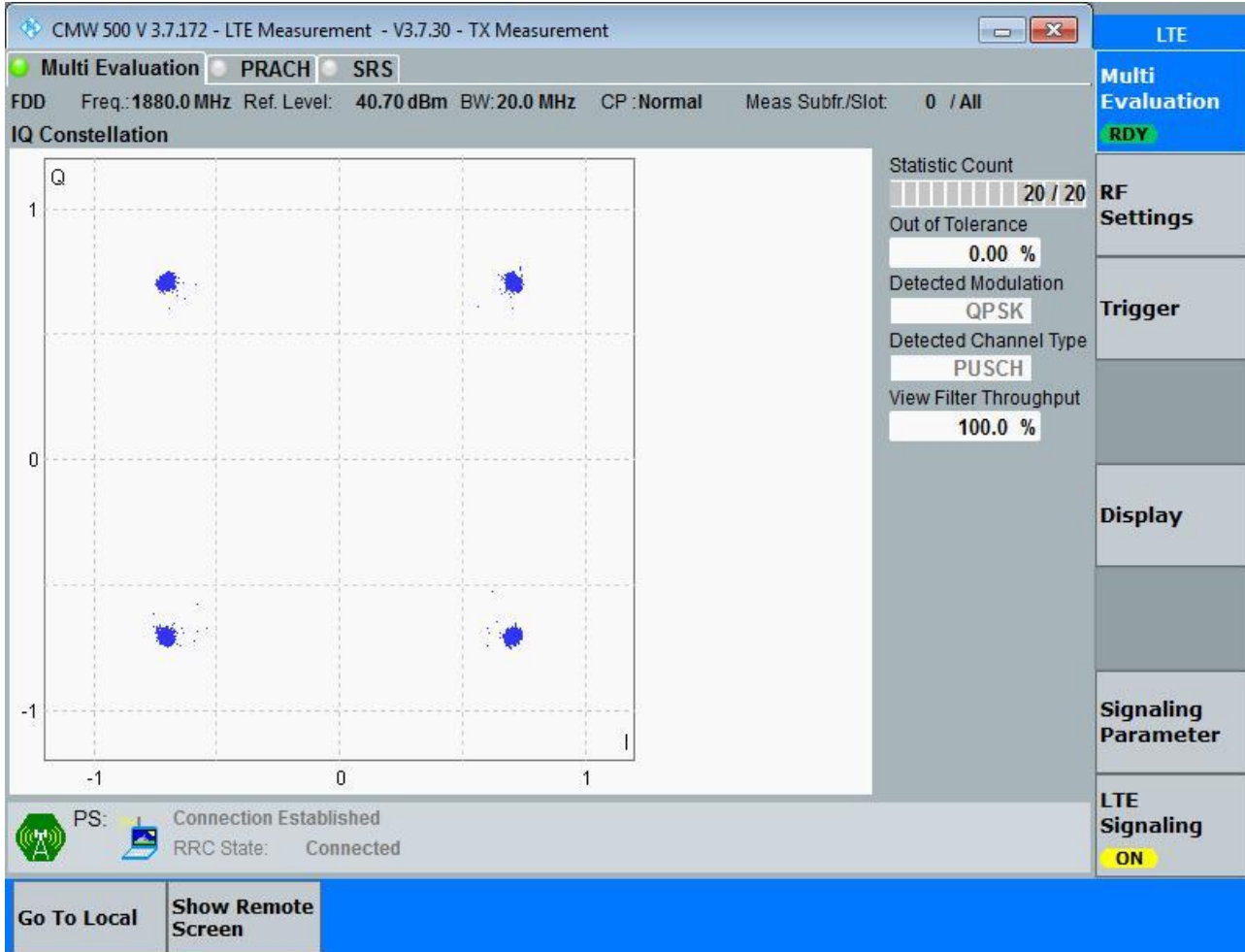
3.1.1.1.5.1.1 Test RB = RB75#0



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

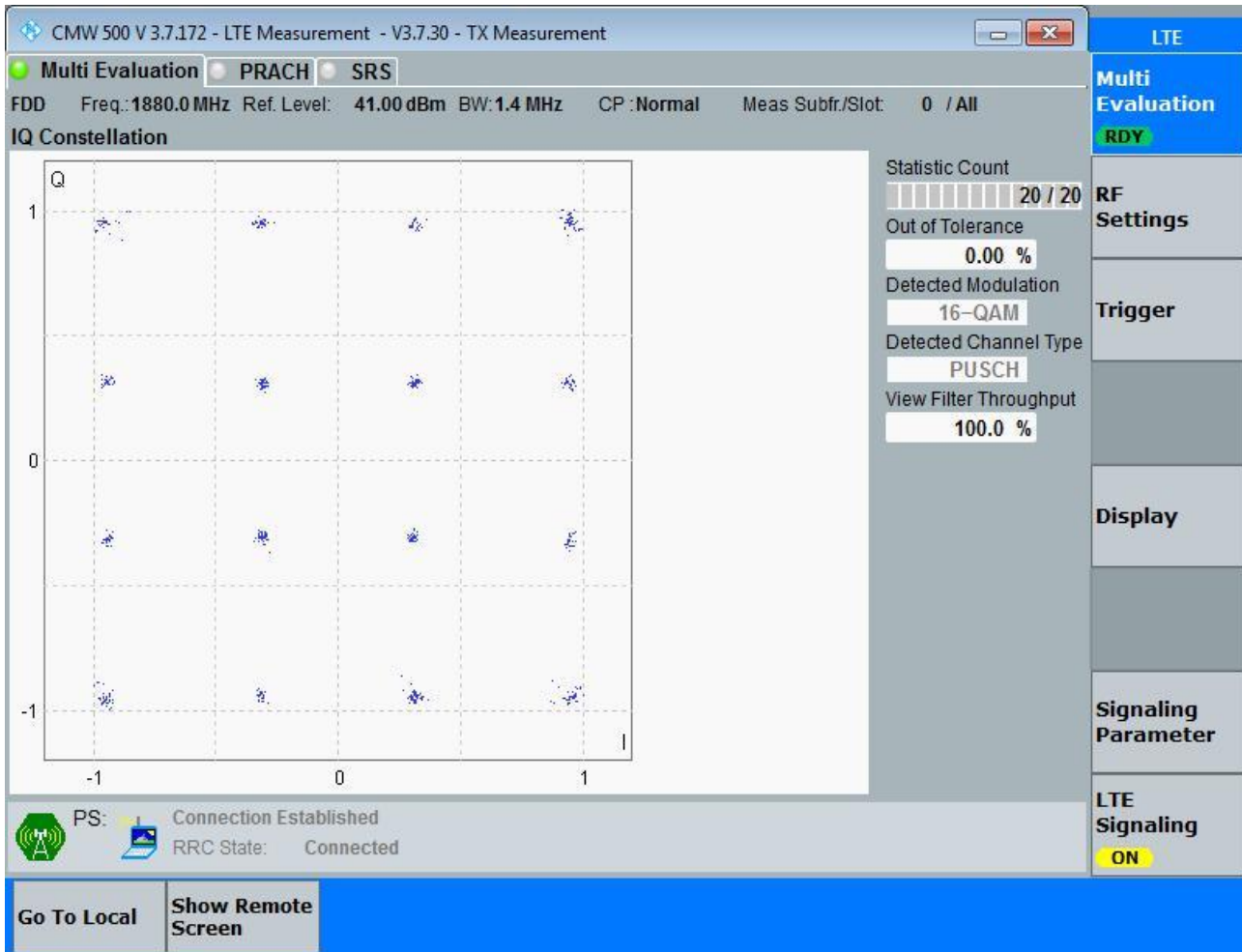


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

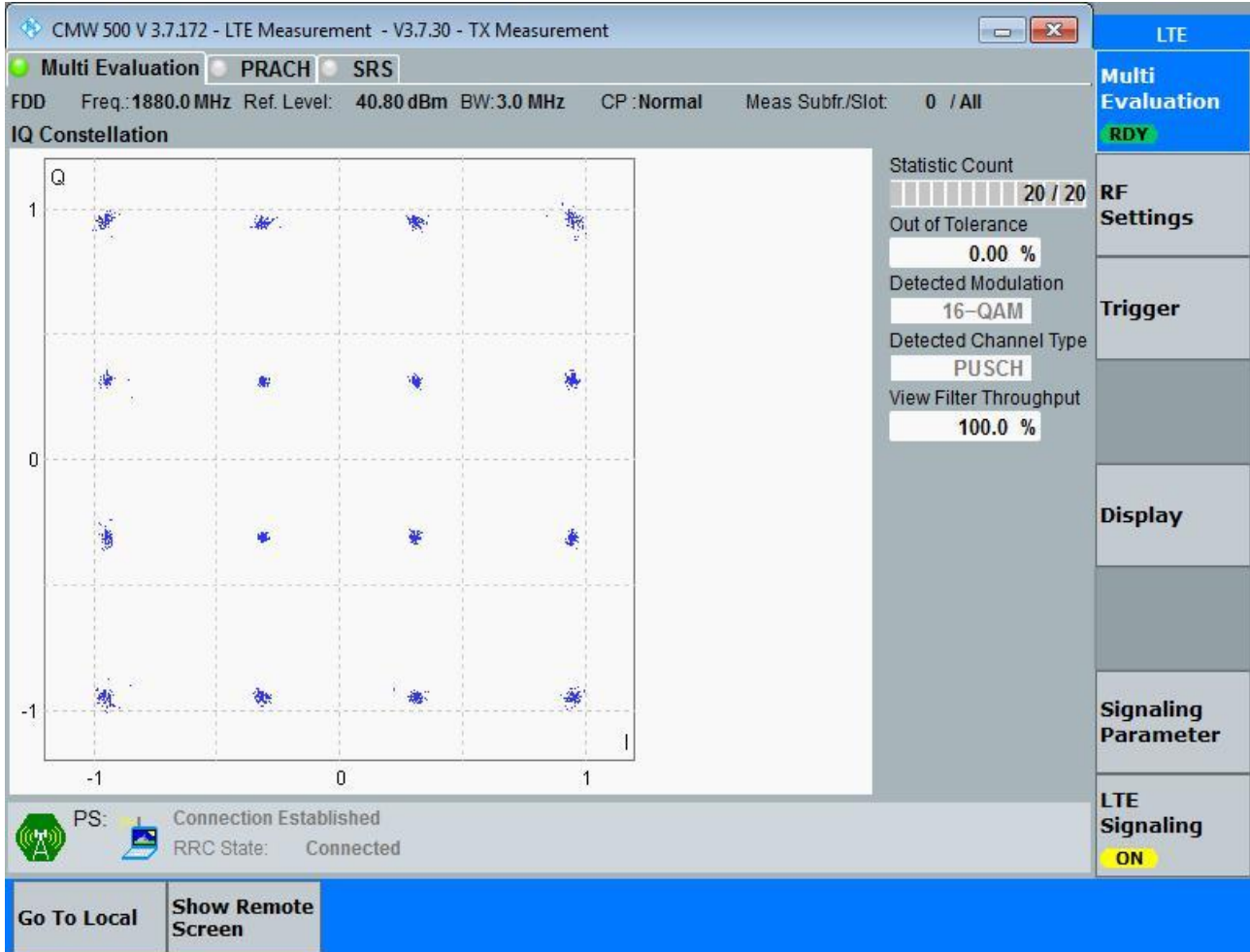
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

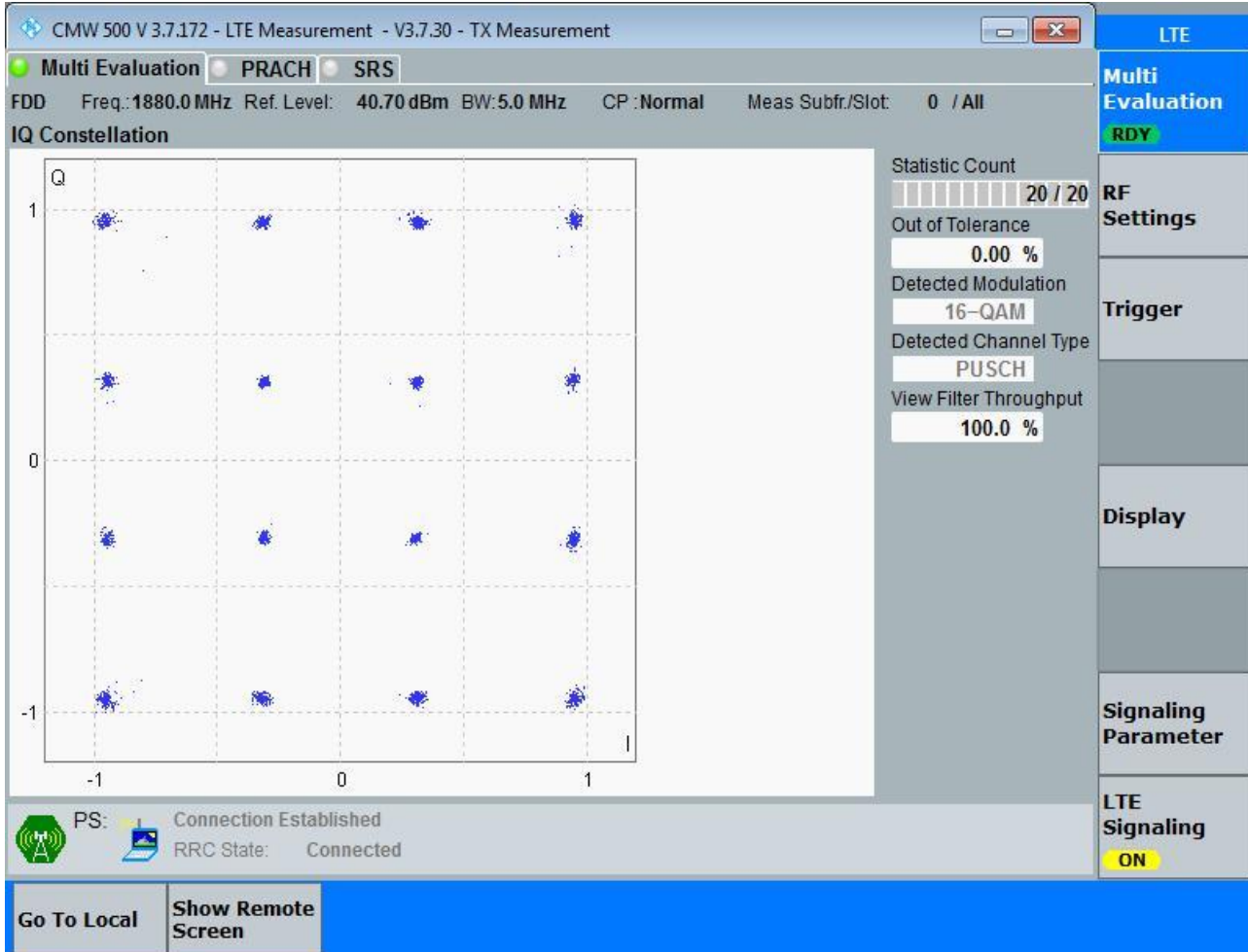
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

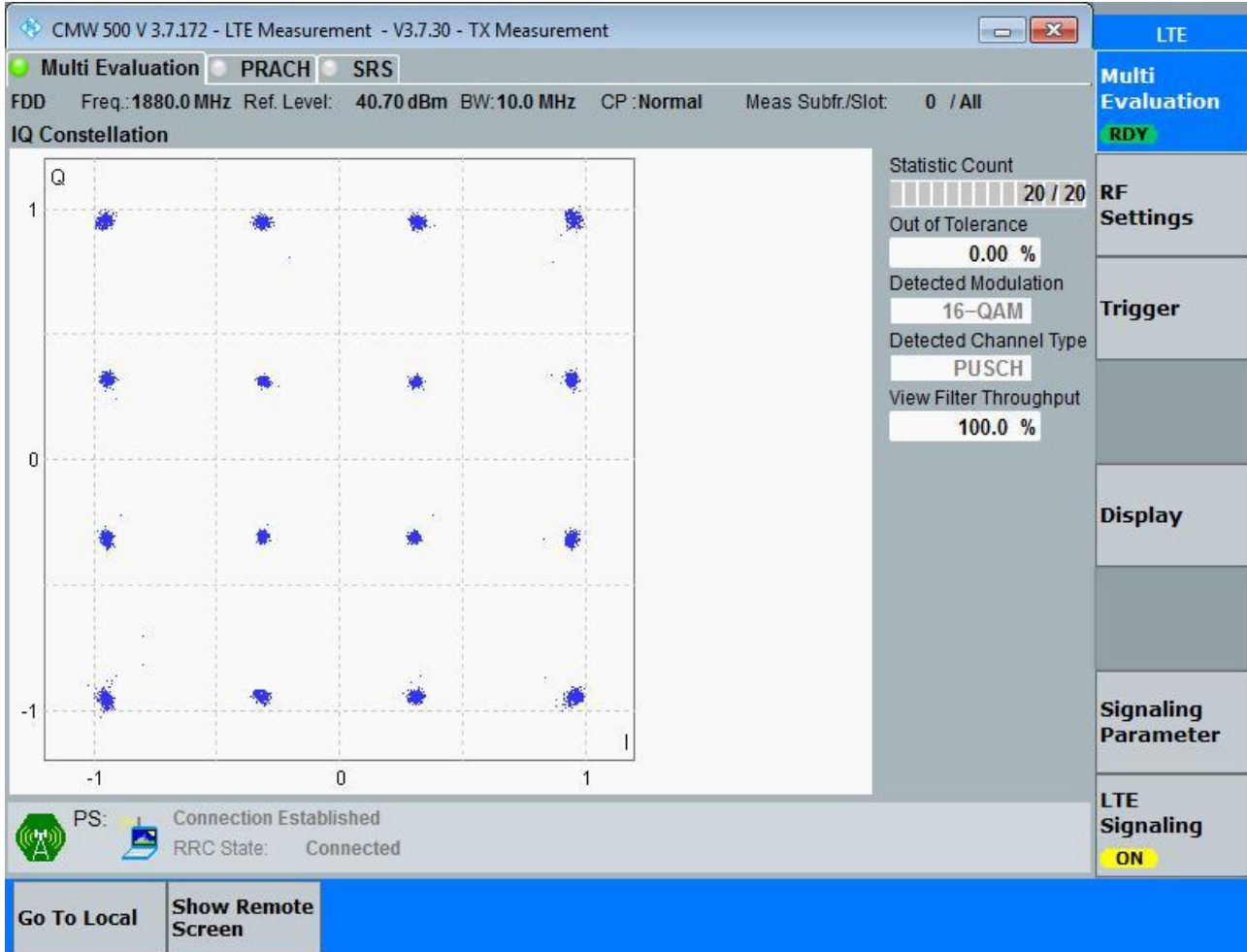
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

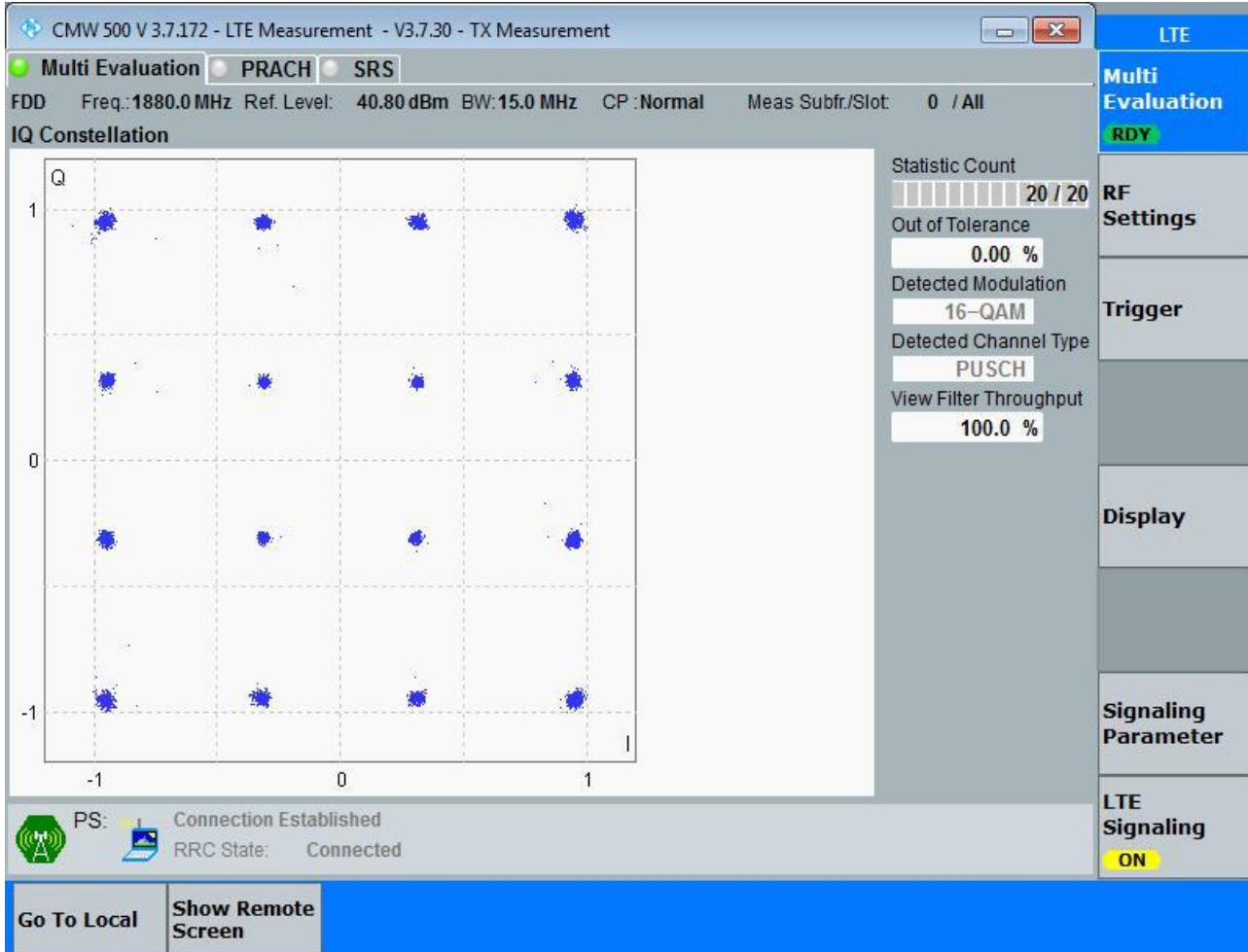
3.1.1.2.4.1.1 Test RB = RB50#0



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

The screenshot displays the CMW 500 V3.7.172 - LTE Measurement - V3.7.30 - TX Measurement interface. The main window shows an IQ Constellation plot with a grid and data points. The plot axes are labeled 'Q' (vertical) and 'I' (horizontal), ranging from -1 to 1. The data points are clustered around the grid intersections, indicating a 16-QAM modulation scheme. To the right of the plot, the 'Statistic Count' is 20 / 20, 'Out of Tolerance' is 0.00 %, 'Detected Modulation' is 16-QAM, 'Detected Channel Type' is PUSCH, and 'View Filter Throughput' is 100.0 %.

Below the plot, the status bar shows 'PS: Connection Established' and 'RRC State: Connected'. At the bottom left, there are buttons for 'Go To Local' and 'Show Remote Screen'. On the right side, there is a vertical menu with options: 'LTE', 'Multi Evaluation' (RDY), 'RF Settings', 'Trigger', 'Display', 'Signaling Parameter', and 'LTE Signaling' (ON).

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	1.27	Pass
			MCH	RB6#0	1.09	1.29	Pass
			HCH	RB6#0	1.11	1.31	Pass
		3	LCH	RB15#0	2.72	3.00	Pass
			MCH	RB15#0	2.70	3.02	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	5.04	Pass
			MCH	RB25#0	4.54	5.05	Pass
			HCH	RB25#0	4.51	5.00	Pass
		10	LCH	RB50#0	8.97	9.91	Pass
			MCH	RB50#0	8.99	9.96	Pass
			HCH	RB50#0	8.99	9.90	Pass
		15	LCH	RB75#0	13.44	14.70	Pass
			MCH	RB75#0	13.45	14.74	Pass
			HCH	RB75#0	13.45	14.62	Pass
		20	LCH	RB100#0	17.93	19.46	Pass
			MCH	RB100#0	17.93	19.40	Pass
			HCH	RB100#0	17.91	19.41	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.31	Pass
			MCH	RB6#0	1.09	1.30	Pass
			HCH	RB6#0	1.09	1.29	Pass
		3	LCH	RB15#0	2.70	2.99	Pass
			MCH	RB15#0	2.71	3.01	Pass
			HCH	RB15#0	2.70	3.01	Pass
		5	LCH	RB25#0	4.51	5.00	Pass
			MCH	RB25#0	4.51	5.03	Pass
			HCH	RB25#0	4.50	4.95	Pass
		10	LCH	RB50#0	8.97	9.85	Pass
			MCH	RB50#0	9.00	9.90	Pass
			HCH	RB50#0	8.98	9.86	Pass
15	LCH	RB75#0	13.48	14.74	Pass		
	MCH	RB75#0	13.46	14.65	Pass		
	HCH	RB75#0	13.44	14.62	Pass		
20	LCH	RB100#0	17.97	19.48	Pass		
	MCH	RB100#0	17.94	19.41	Pass		