



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	20.95	20.82	30	PASS
				RB1#3	21.02	20.89	30	PASS
				RB1#5	21.14	21.01	30	PASS
				RB3#0	20.87	20.74	30	PASS
				RB3#2	21.02	20.89	30	PASS
				RB3#3	20.89	20.76	30	PASS
				RB6#0	20.01	19.88	30	PASS
			MCH	RB1#0	20.89	20.76	30	PASS
				RB1#3	21.00	20.87	30	PASS
				RB1#5	20.91	20.78	30	PASS
				RB3#0	20.94	20.81	30	PASS
				RB3#2	20.87	20.74	30	PASS
				RB3#3	20.87	20.74	30	PASS
				RB6#0	19.92	19.79	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.00	20.87	30	PASS
				RB1#3	20.91	20.78	30	PASS
				RB1#5	20.78	20.65	30	PASS
				RB3#0	20.92	20.79	30	PASS
				RB3#2	20.80	20.67	30	PASS
				RB3#3	21.00	20.87	30	PASS
				RB6#0	19.89	19.76	30	PASS
		3	LCH	RB1#0	20.94	20.81	30	PASS
				RB1#7	20.94	20.81	30	PASS
				RB1#14	20.99	20.86	30	PASS
				RB8#0	19.91	19.78	30	PASS
				RB8#4	19.95	19.82	30	PASS
				RB8#7	19.94	19.81	30	PASS
				RB15#0	19.93	19.80	30	PASS
			MCH	RB1#0	20.82	20.69	30	PASS
				RB1#7	20.80	20.67	30	PASS
				RB1#14	20.83	20.70	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	19.94	19.81	30	PASS	
				RB8#4	19.83	19.70	30	PASS	
				RB8#7	19.94	19.81	30	PASS	
				RB15#0	19.91	19.78	30	PASS	
			HCH	RB1#0	20.99	20.86	30	PASS	
				RB1#7	20.86	20.73	30	PASS	
				RB1#14	20.87	20.74	30	PASS	
				RB8#0	20.00	19.87	30	PASS	
				RB8#4	19.90	19.77	30	PASS	
				RB8#7	19.85	19.72	30	PASS	
				RB15#0	19.88	19.75	30	PASS	
				5	LCH	RB1#0	20.96	20.83	30
			RB1#13			20.98	20.85	30	PASS
			RB1#24			21.17	21.04	30	PASS
		RB12#0	19.96			19.83	30	PASS	
		RB12#6	19.89			19.76	30	PASS	
		RB12#13	20.08			19.95	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	19.93	19.80	30	PASS
			MCH	RB1#0	20.97	20.84	30	PASS
				RB1#13	20.91	20.78	30	PASS
				RB1#24	20.90	20.77	30	PASS
				RB12#0	19.99	19.86	30	PASS
				RB12#6	19.96	19.83	30	PASS
				RB12#13	19.92	19.79	30	PASS
				RB25#0	19.85	19.72	30	PASS
				HCH	RB1#0	21.04	20.91	30
			RB1#13		21.07	20.94	30	PASS
			RB1#24		20.92	20.79	30	PASS
			RB12#0		20.09	19.96	30	PASS
			RB12#6		20.08	19.95	30	PASS
			RB12#13		19.90	19.77	30	PASS
			RB25#0		19.98	19.85	30	PASS
		10	LCH	RB1#0	20.94	20.81	30	PASS
				RB1#25	21.10	20.97	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	20.96	20.83	30	PASS
				RB25#0	20.00	19.87	30	PASS
				RB25#13	19.91	19.78	30	PASS
				RB25#25	20.07	19.94	30	PASS
				RB50#0	20.05	19.92	30	PASS
			MCH	RB1#0	20.87	20.74	30	PASS
				RB1#25	20.89	20.76	30	PASS
				RB1#49	20.96	20.83	30	PASS
				RB25#0	19.90	19.77	30	PASS
				RB25#13	19.94	19.81	30	PASS
				RB25#25	19.91	19.78	30	PASS
				RB50#0	19.86	19.73	30	PASS
			HCH	RB1#0	21.09	20.96	30	PASS
				RB1#25	20.83	20.70	30	PASS
				RB1#49	20.98	20.85	30	PASS
				RB25#0	19.90	19.77	30	PASS
				RB25#13	19.83	19.70	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.04	19.91	30	PASS
				RB50#0	20.01	19.88	30	PASS
		LCH	RB1#0	21.08	20.95	30	PASS	
			RB1#38	21.13	21.00	30	PASS	
			RB1#74	20.99	20.86	30	PASS	
			RB38#0	20.02	19.89	30	PASS	
			RB38#19	20.02	19.89	30	PASS	
			RB38#39	20.10	19.97	30	PASS	
			RB75#0	20.04	19.91	30	PASS	
		MCH	RB1#0	21.09	20.96	30	PASS	
			RB1#38	21.02	20.89	30	PASS	
			RB1#74	21.03	20.90	30	PASS	
			RB38#0	20.01	19.88	30	PASS	
			RB38#19	19.94	19.81	30	PASS	
			RB38#39	19.93	19.80	30	PASS	
	RB75#0	19.93	19.80	30	PASS			
HCH	RB1#0	20.97	20.84	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.04	20.91	30	PASS
				RB1#74	20.96	20.83	30	PASS
				RB38#0	20.11	19.98	30	PASS
				RB38#19	20.04	19.91	30	PASS
				RB38#39	20.09	19.96	30	PASS
				RB75#0	20.10	19.97	30	PASS
		20	LCH	RB1#0	21.17	21.04	30	PASS
				RB1#50	21.15	21.02	30	PASS
				RB1#99	21.18	21.05	30	PASS
				RB50#0	19.97	19.84	30	PASS
				RB50#25	20.09	19.96	30	PASS
				RB50#50	19.88	19.75	30	PASS
				RB100#0	19.90	19.77	30	PASS
				MCH	RB1#0	21.17	21.04	30
		RB1#50	20.98		20.85	30	PASS	
		RB1#99	21.10		20.97	30	PASS	
RB50#0	19.98	19.85	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	19.94	19.81	30	PASS
				RB50#50	20.02	19.89	30	PASS
				RB100#0	20.04	19.91	30	PASS
			HCH	RB1#0	21.05	20.92	30	PASS
				RB1#50	21.02	20.89	30	PASS
				RB1#99	21.11	20.98	30	PASS
				RB50#0	20.03	19.90	30	PASS
				RB50#25	20.03	19.90	30	PASS
				RB50#50	20.00	19.87	30	PASS
				RB100#0	19.98	19.85	30	PASS
			LCH	RB1#0	19.97	19.84	30	PASS
				RB1#3	19.88	19.75	30	PASS
				RB1#5	20.13	20.00	30	PASS
				RB3#0	19.95	19.82	30	PASS
				RB3#2	20.00	19.87	30	PASS
RB3#3	20.05	19.92		30	PASS			
RB6#0	18.90	18.77		30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	20.04	19.91	30	PASS
				RB1#3	20.17	20.04	30	PASS
				RB1#5	20.08	19.95	30	PASS
				RB3#0	19.96	19.83	30	PASS
				RB3#2	19.87	19.74	30	PASS
				RB3#3	19.99	19.86	30	PASS
			RB6#0	19.04	18.91	30	PASS	
			HCH	RB1#0	20.29	20.16	30	PASS
				RB1#3	20.29	20.16	30	PASS
				RB1#5	20.23	20.10	30	PASS
				RB3#0	19.88	19.75	30	PASS
				RB3#2	19.94	19.81	30	PASS
		RB3#3		20.15	20.02	30	PASS	
		3	LCH	RB1#0	20.49	20.36	30	PASS
				RB1#7	20.11	19.98	30	PASS
				RB1#14	20.21	20.08	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	18.93	18.80	30	PASS
				RB8#4	19.02	18.89	30	PASS
				RB8#7	19.02	18.89	30	PASS
				RB15#0	18.97	18.84	30	PASS
			MCH	RB1#0	20.19	20.06	30	PASS
				RB1#7	20.23	20.10	30	PASS
				RB1#14	20.10	19.97	30	PASS
				RB8#0	18.93	18.80	30	PASS
				RB8#4	19.03	18.90	30	PASS
				RB8#7	19.03	18.90	30	PASS
				RB15#0	18.99	18.86	30	PASS
			HCH	RB1#0	20.28	20.15	30	PASS
				RB1#7	19.69	19.56	30	PASS
				RB1#14	20.26	20.13	30	PASS
				RB8#0	18.99	18.86	30	PASS
				RB8#4	18.90	18.77	30	PASS
				RB8#7	18.84	18.71	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	18.83	18.70	30	PASS
		5	LCH	RB1#0	20.09	19.96	30	PASS
				RB1#13	20.28	20.15	30	PASS
				RB1#24	20.27	20.14	30	PASS
				RB12#0	18.81	18.68	30	PASS
				RB12#6	18.95	18.82	30	PASS
				RB12#13	18.96	18.83	30	PASS
				RB25#0	18.94	18.81	30	PASS
				MCH	RB1#0	20.32	20.19	30
			RB1#13		20.33	20.20	30	PASS
			RB1#24		20.39	20.26	30	PASS
			RB12#0		18.75	18.62	30	PASS
			RB12#6		18.97	18.84	30	PASS
			RB12#13		19.04	18.91	30	PASS
			RB25#0		18.87	18.74	30	PASS
			HCH	RB1#0	20.40	20.27	30	PASS
		RB1#13		20.48	20.35	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	20.30	20.17	30	PASS
				RB12#0	19.12	18.99	30	PASS
				RB12#6	19.06	18.93	30	PASS
				RB12#13	18.90	18.77	30	PASS
				RB25#0	18.96	18.83	30	PASS
		10	LCH	RB1#0	20.26	20.13	30	PASS
				RB1#25	20.30	20.17	30	PASS
				RB1#49	20.04	19.91	30	PASS
				RB25#0	19.07	18.94	30	PASS
				RB25#13	18.89	18.76	30	PASS
			MCH	RB25#25	19.00	18.87	30	PASS
				RB50#0	19.03	18.90	30	PASS
				RB1#0	20.06	19.93	30	PASS
				RB1#25	20.15	20.02	30	PASS
				RB1#49	20.18	20.05	30	PASS
RB25#0	18.98	18.85	30	PASS				
RB25#13	18.99	18.86	30	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	18.96	18.83	30	PASS
				RB50#0	18.87	18.74	30	PASS
			HCH	RB1#0	20.27	20.14	30	PASS
				RB1#25	20.00	19.87	30	PASS
				RB1#49	20.13	20.00	30	PASS
				RB25#0	18.91	18.78	30	PASS
				RB25#13	18.83	18.70	30	PASS
				RB25#25	19.05	18.92	30	PASS
				RB50#0	18.92	18.79	30	PASS
				15	LCH	RB1#0	20.28	20.15
		RB1#38	20.20			20.07	30	PASS
		RB1#74	20.21			20.08	30	PASS
		RB38#0	18.97			18.84	30	PASS
		RB38#19	19.08			18.95	30	PASS
		RB38#39	19.01			18.88	30	PASS
		RB75#0	19.02			18.89	30	PASS
		MCH	RB1#0	20.22	20.09	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	20.18	20.05	30	PASS
				RB1#74	20.21	20.08	30	PASS
				RB38#0	18.81	18.68	30	PASS
				RB38#19	18.96	18.83	30	PASS
				RB38#39	18.97	18.84	30	PASS
				RB75#0	18.87	18.74	30	PASS
			HCH	RB1#0	20.16	20.03	30	PASS
				RB1#38	20.28	20.15	30	PASS
				RB1#74	20.17	20.04	30	PASS
				RB38#0	19.04	18.91	30	PASS
				RB38#19	18.99	18.86	30	PASS
				RB38#39	19.10	18.97	30	PASS
		20	LCH	RB1#0	20.49	20.36	30	PASS
				RB1#50	20.46	20.33	30	PASS
				RB1#99	20.46	20.33	30	PASS
				RB50#0	18.93	18.80	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	19.06	18.93	30	PASS
				RB50#50	19.11	18.98	30	PASS
				RB100#0	18.87	18.74	30	PASS
			MCH	RB1#0	20.46	20.33	30	PASS
				RB1#50	20.20	20.07	30	PASS
				RB1#99	20.42	20.29	30	PASS
				RB50#0	19.01	18.88	30	PASS
				RB50#25	18.89	18.76	30	PASS
				RB50#50	19.03	18.90	30	PASS
				RB100#0	19.00	18.87	30	PASS
			HCH	RB1#0	20.25	20.12	30	PASS
				RB1#50	20.25	20.12	30	PASS
				RB1#99	20.27	20.14	30	PASS
				RB50#0	18.97	18.84	30	PASS
				RB50#25	18.97	18.84	30	PASS
				RB50#50	18.85	18.72	30	PASS
				RB100#0	18.84	18.71	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:

$$\text{SET Span} = 1.5 * \text{OBW}$$

SET RBW = 1% 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	3.31	13	PASS
				RB1#3	3.35	13	PASS
				RB1#5	3.37	13	PASS
				RB3#0	3.80	13	PASS
				RB3#2	3.55	13	PASS
				RB3#3	3.73	13	PASS
				RB6#0	4.98	13	PASS
			MCH	RB1#0	3.88	13	PASS
				RB1#3	3.85	13	PASS
				RB1#5	4.08	13	PASS
				RB3#0	4.37	13	PASS
				RB3#2	4.47	13	PASS
				RB3#3	4.49	13	PASS
				RB6#0	5.42	13	PASS
		HCH	RB1#0	4.34	13	PASS	
			RB1#3	4.27	13	PASS	
			RB1#5	4.39	13	PASS	
			RB3#0	4.52	13	PASS	
			RB3#2	4.25	13	PASS	
			RB3#3	4.38	13	PASS	
			RB6#0	5.77	13	PASS	
		3	LCH	RB1#0	3.44	13	PASS
				RB1#7	3.46	13	PASS
				RB1#14	3.42	13	PASS
				RB8#0	4.74	13	PASS
				RB8#4	4.55	13	PASS
				RB8#7	4.77	13	PASS
				RB15#0	5.13	13	PASS
MCH	RB1#0		3.91	13	PASS		
	RB1#7		3.88	13	PASS		
	RB1#14		3.91	13	PASS		
	RB8#0		5.20	13	PASS		
	RB8#4		5.17	13	PASS		
	RB8#7		5.22	13	PASS		
	RB15#0		5.37	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB1#0	4.21	13	PASS
				RB1#7	4.33	13	PASS
				RB1#14	3.92	13	PASS
				RB8#0	5.52	13	PASS
				RB8#4	5.46	13	PASS
				RB8#7	5.38	13	PASS
				RB15#0	5.48	13	PASS
			LCH	RB1#0	3.68	13	PASS
				RB1#13	3.43	13	PASS
				RB1#24	3.60	13	PASS
				RB12#0	4.68	13	PASS
				RB12#6	4.59	13	PASS
				RB12#13	4.83	13	PASS
				RB25#0	5.33	13	PASS
		MCH	RB1#0	4.00	13	PASS	
			RB1#13	3.99	13	PASS	
			RB1#24	3.98	13	PASS	
			RB12#0	5.03	13	PASS	
			RB12#6	4.87	13	PASS	
			RB12#13	5.05	13	PASS	
			RB25#0	5.33	13	PASS	
		HCH	RB1#0	4.30	13	PASS	
			RB1#13	4.22	13	PASS	
			RB1#24	4.29	13	PASS	
			RB12#0	5.28	13	PASS	
			RB12#6	5.38	13	PASS	
			RB12#13	5.25	13	PASS	
			RB25#0	5.60	13	PASS	
		10	LCH	RB1#0	3.49	13	PASS
				RB1#25	3.67	13	PASS
RB1#49	3.89			13	PASS		
RB25#0	4.87			13	PASS		
RB25#13	4.87			13	PASS		
RB25#25	5.09			13	PASS		
RB50#0	5.40			13	PASS		
MCH	RB1#0		3.90	13	PASS		
	RB1#25		4.10	13	PASS		
	RB1#49		4.08	13	PASS		
			RB25#0	5.10	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	4.97	13	PASS
				RB25#25	5.17	13	PASS
				RB50#0	5.55	13	PASS
			HCH	RB1#0	4.15	13	PASS
				RB1#25	4.09	13	PASS
				RB1#49	4.08	13	PASS
				RB25#0	5.65	13	PASS
				RB25#13	5.60	13	PASS
				RB25#25	5.76	13	PASS
			LCH	RB50#0	5.80	13	PASS
				RB1#0	3.54	13	PASS
				RB1#38	3.73	13	PASS
		RB1#74		3.99	13	PASS	
		RB38#0		4.98	13	PASS	
		RB38#19		4.82	13	PASS	
		MCH	RB38#39	5.25	13	PASS	
			RB75#0	5.77	13	PASS	
			RB1#0	3.77	13	PASS	
			RB1#38	3.97	13	PASS	
			RB1#74	3.99	13	PASS	
			RB38#0	5.32	13	PASS	
		HCH	RB38#19	5.28	13	PASS	
			RB38#39	5.42	13	PASS	
			RB75#0	5.87	13	PASS	
			RB1#0	4.25	13	PASS	
			RB1#38	4.08	13	PASS	
			RB1#74	4.30	13	PASS	
		20	LCH	RB38#0	5.34	13	PASS
				RB38#19	5.50	13	PASS
				RB38#39	5.68	13	PASS
RB75#0	5.82			13	PASS		
RB1#0	3.59			13	PASS		
RB1#50	4.02			13	PASS		
RB1#99	4.09		13	PASS			
MCH	RB50#0	5.08	13	PASS			
RB50#25	5.10	13	PASS				
RB50#50	5.38	13	PASS				
RB100#0	5.56	13	PASS				
MCH	RB1#0	3.87	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	3.89	13	PASS			
				RB1#99	4.00	13	PASS			
				RB50#0	5.31	13	PASS			
				RB50#25	5.12	13	PASS			
				RB50#50	5.39	13	PASS			
				RB100#0	5.90	13	PASS			
			HCH	RB1#0	3.86	13	PASS			
				RB1#50	4.02	13	PASS			
				RB1#99	4.10	13	PASS			
				RB50#0	5.36	13	PASS			
				RB50#25	5.35	13	PASS			
				RB50#50	5.66	13	PASS			
					1.4	LCH	RB1#0	4.08	13	PASS
							RB1#3	4.15	13	PASS
	RB1#5	4.18					13	PASS		
	RB3#0	4.79					13	PASS		
	RB3#2	4.55					13	PASS		
	RB3#3	4.77					13	PASS		
	MCH	RB6#0				5.84	13	PASS		
		RB1#0				4.88	13	PASS		
		RB1#3				4.65	13	PASS		
		RB1#5				4.90	13	PASS		
		RB3#0				5.27	13	PASS		
		RB3#2				5.18	13	PASS		
	HCH	RB3#3				5.34	13	PASS		
		RB6#0				6.06	13	PASS		
		RB1#0	4.55	13	PASS					
		RB1#3	4.69	13	PASS					
		RB1#5	4.55	13	PASS					
		RB3#0	5.77	13	PASS					
			3	LCH	RB3#2	5.75	13	PASS		
					RB3#3	5.51	13	PASS		
RB6#0					6.55	13	PASS			
RB1#0					4.10	13	PASS			
RB1#7					4.04	13	PASS			
				RB1#14	4.14	13	PASS			
				RB8#0	5.67	13	PASS			
				RB8#4	5.50	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.77	13	PASS
				RB15#0	6.05	13	PASS
			MCH	RB1#0	5.04	13	PASS
				RB1#7	4.98	13	PASS
				RB1#14	5.05	13	PASS
				RB8#0	5.97	13	PASS
				RB8#4	5.86	13	PASS
				RB8#7	5.91	13	PASS
			RB15#0	6.15	13	PASS	
			HCH	RB1#0	5.35	13	PASS
				RB1#7	5.16	13	PASS
				RB1#14	4.95	13	PASS
				RB8#0	6.23	13	PASS
				RB8#4	6.16	13	PASS
				RB8#7	6.15	13	PASS
			RB15#0	6.35	13	PASS	
		5	LCH	RB1#0	3.97	13	PASS
				RB1#13	3.99	13	PASS
				RB1#24	4.15	13	PASS
				RB12#0	5.59	13	PASS
				RB12#6	5.54	13	PASS
				RB12#13	5.72	13	PASS
			RB25#0	6.12	13	PASS	
			MCH	RB1#0	4.92	13	PASS
				RB1#13	4.94	13	PASS
				RB1#24	4.92	13	PASS
				RB12#0	6.01	13	PASS
				RB12#6	6.10	13	PASS
				RB12#13	5.87	13	PASS
			RB25#0	6.39	13	PASS	
			HCH	RB1#0	4.96	13	PASS
				RB1#13	4.79	13	PASS
RB1#24	4.91	13		PASS			
RB12#0	6.30	13		PASS			
RB12#6	6.11	13		PASS			
RB12#13	6.10	13		PASS			
RB25#0	6.47	13	PASS				
10	LCH	RB1#0	4.24	13	PASS		
		RB1#25	4.31	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.56	13	PASS
				RB25#0	5.74	13	PASS
				RB25#13	5.81	13	PASS
				RB25#25	5.85	13	PASS
				RB50#0	6.38	13	PASS
			MCH	RB1#0	4.84	13	PASS
				RB1#25	4.92	13	PASS
				RB1#49	4.91	13	PASS
				RB25#0	6.06	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	6.10	13	PASS
			HCH	RB50#0	6.47	13	PASS
				RB1#0	5.03	13	PASS
				RB1#25	5.14	13	PASS
				RB1#49	5.25	13	PASS
				RB25#0	6.43	13	PASS
				RB25#13	6.45	13	PASS
			15	LCH	RB25#25	6.58	13
		RB50#0			6.85	13	PASS
		RB1#0			4.35	13	PASS
		RB1#38			4.34	13	PASS
		RB1#74			4.49	13	PASS
		RB38#0			5.93	13	PASS
		RB38#19			5.92	13	PASS
		MCH		RB38#39	6.14	13	PASS
				RB75#0	6.61	13	PASS
				RB1#0	5.06	13	PASS
				RB1#38	5.15	13	PASS
				RB1#74	5.26	13	PASS
				RB38#0	6.02	13	PASS
		HCH		RB38#19	6.11	13	PASS
				RB38#39	6.14	13	PASS
			RB75#0	6.73	13	PASS	
RB1#0	4.99		13	PASS			
RB1#38	5.12		13	PASS			
RB1#74	5.14		13	PASS			
				RB38#0	6.45	13	PASS
				RB38#19	6.40	13	PASS
				RB38#39	6.56	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	6.89	13	PASS
		20	LCH	RB1#0	4.05	13	PASS
				RB1#50	4.51	13	PASS
				RB1#99	4.98	13	PASS
				RB50#0	6.01	13	PASS
				RB50#25	6.05	13	PASS
				RB50#50	6.18	13	PASS
				RB100#0	6.39	13	PASS
				MCH	RB1#0	4.73	13
			RB1#50		4.87	13	PASS
			RB1#99		4.93	13	PASS
			RB50#0		6.20	13	PASS
			RB50#25		6.08	13	PASS
			RB50#50		6.39	13	PASS
			RB100#0		6.63	13	PASS
			HCH	RB1#0	4.91	13	PASS
				RB1#50	5.10	13	PASS
				RB1#99	5.12	13	PASS
				RB50#0	6.24	13	PASS
				RB50#25	6.23	13	PASS
				RB50#50	6.54	13	PASS
				RB100#0	6.57	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

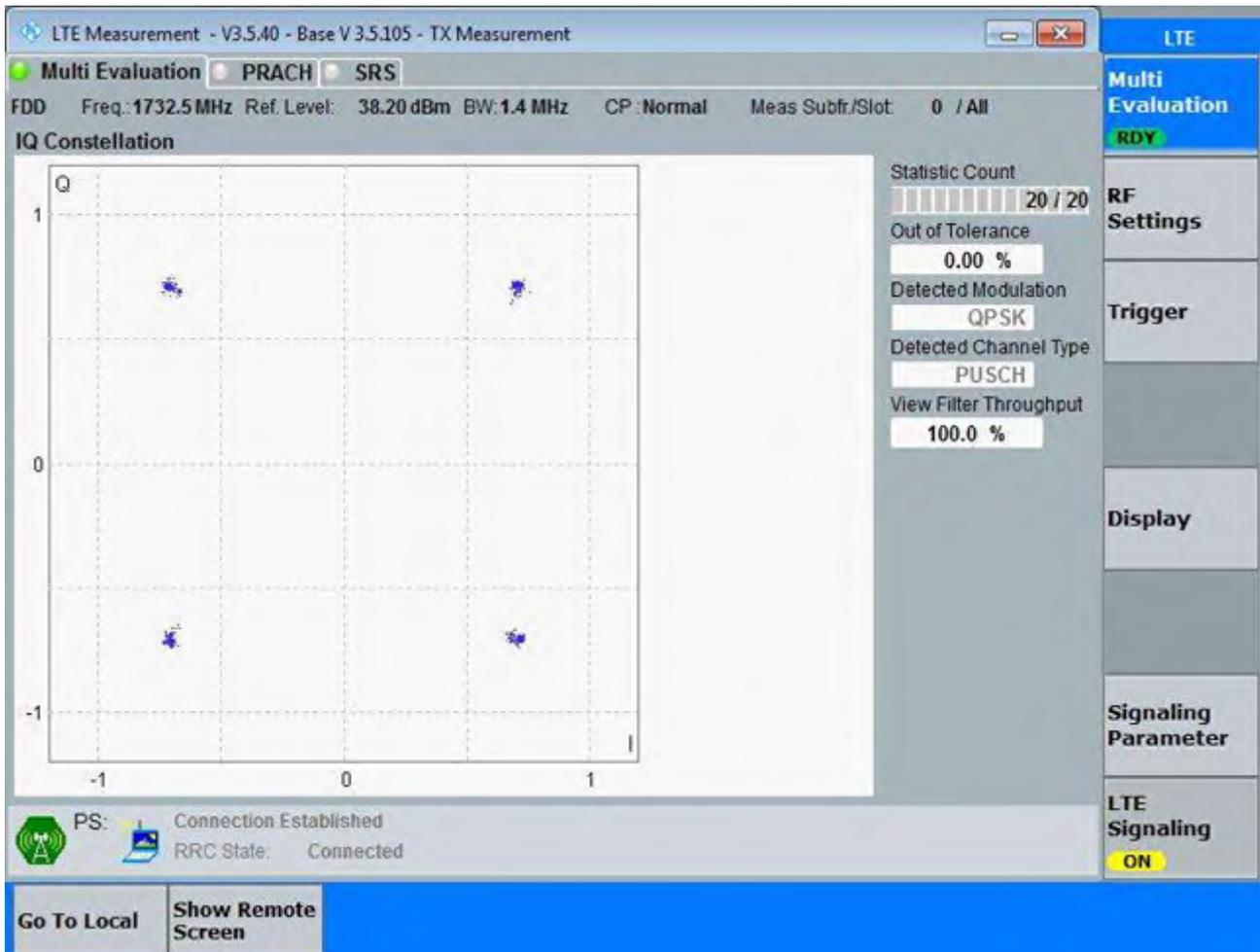
3.1.1 Test Band = Band4

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

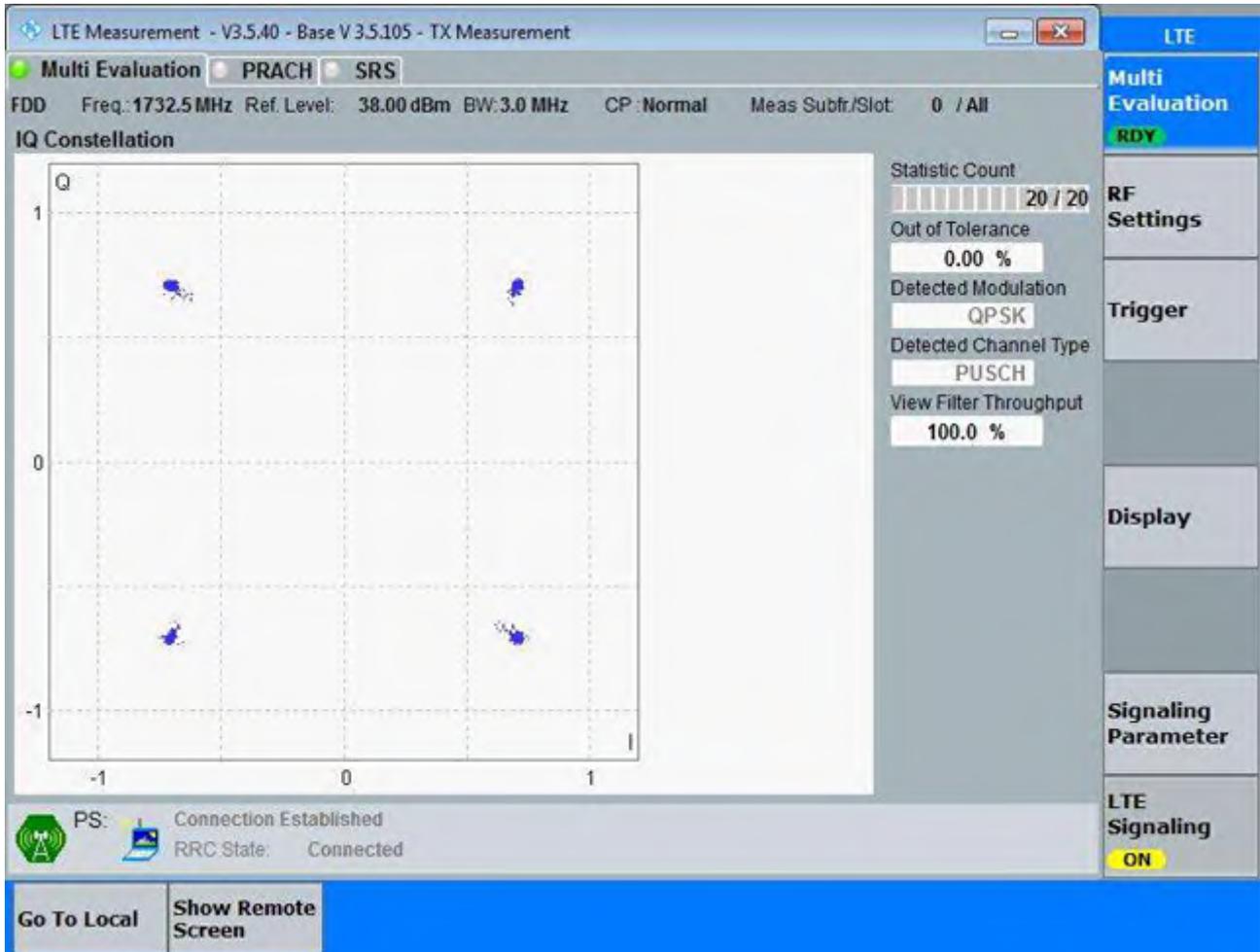
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

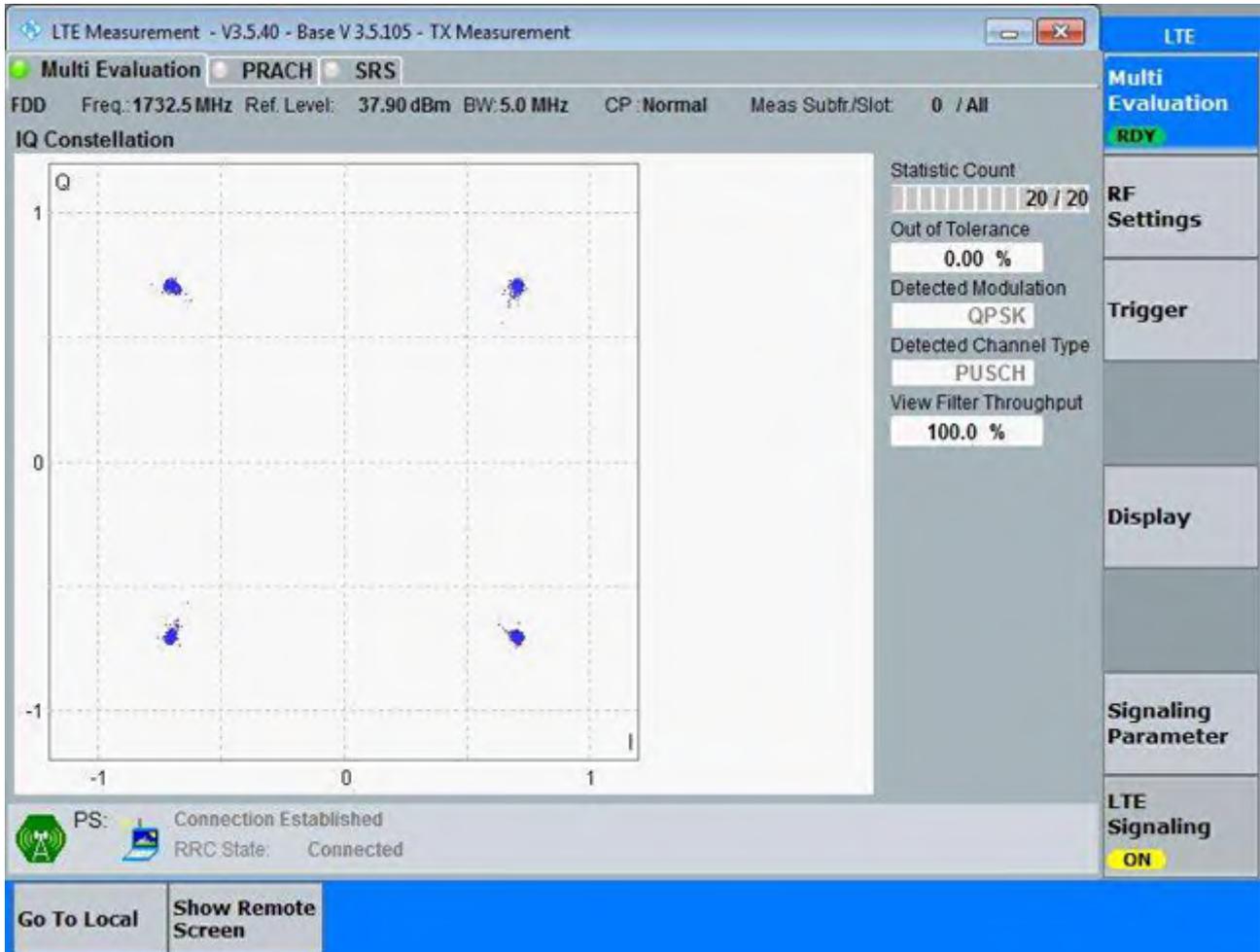
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

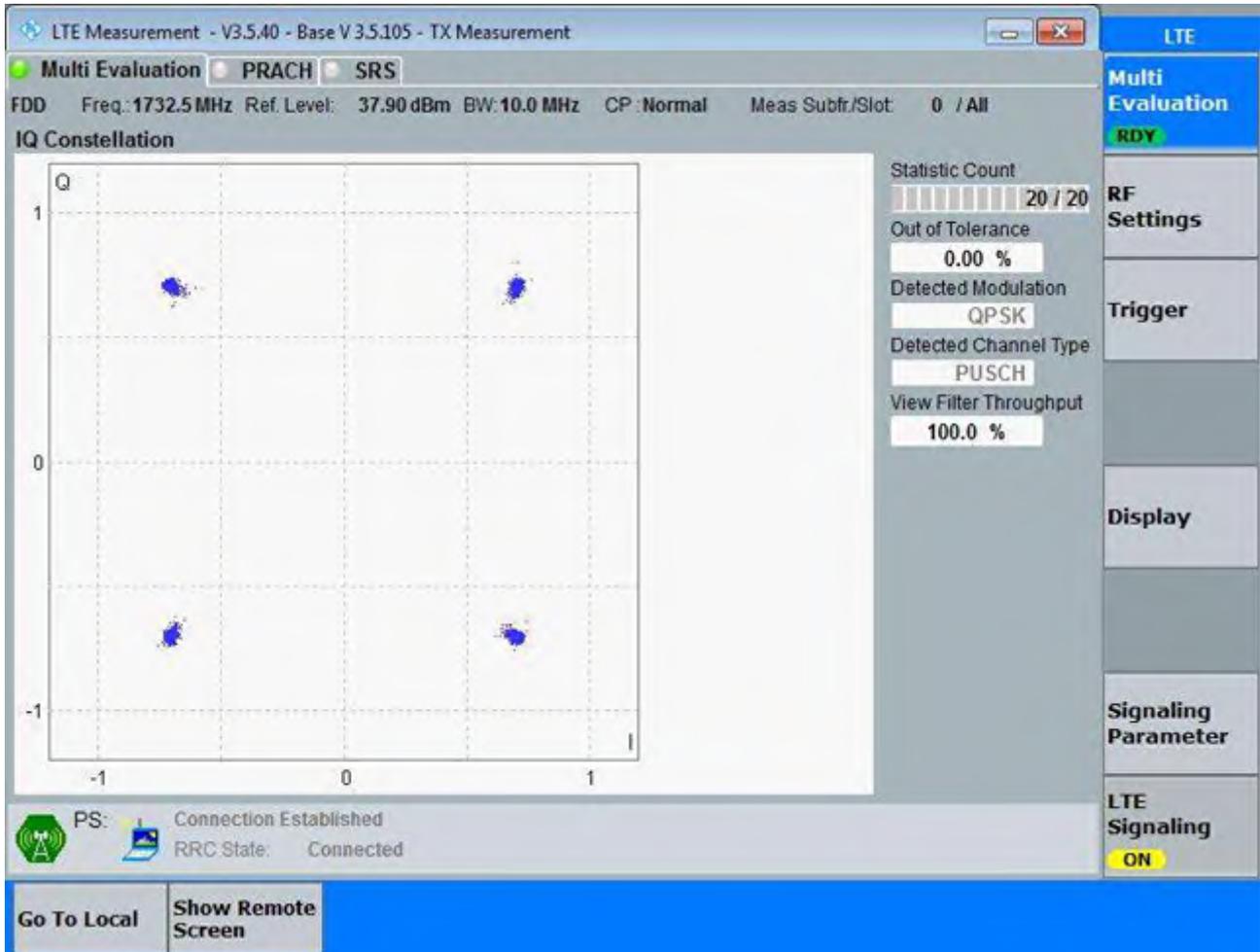
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

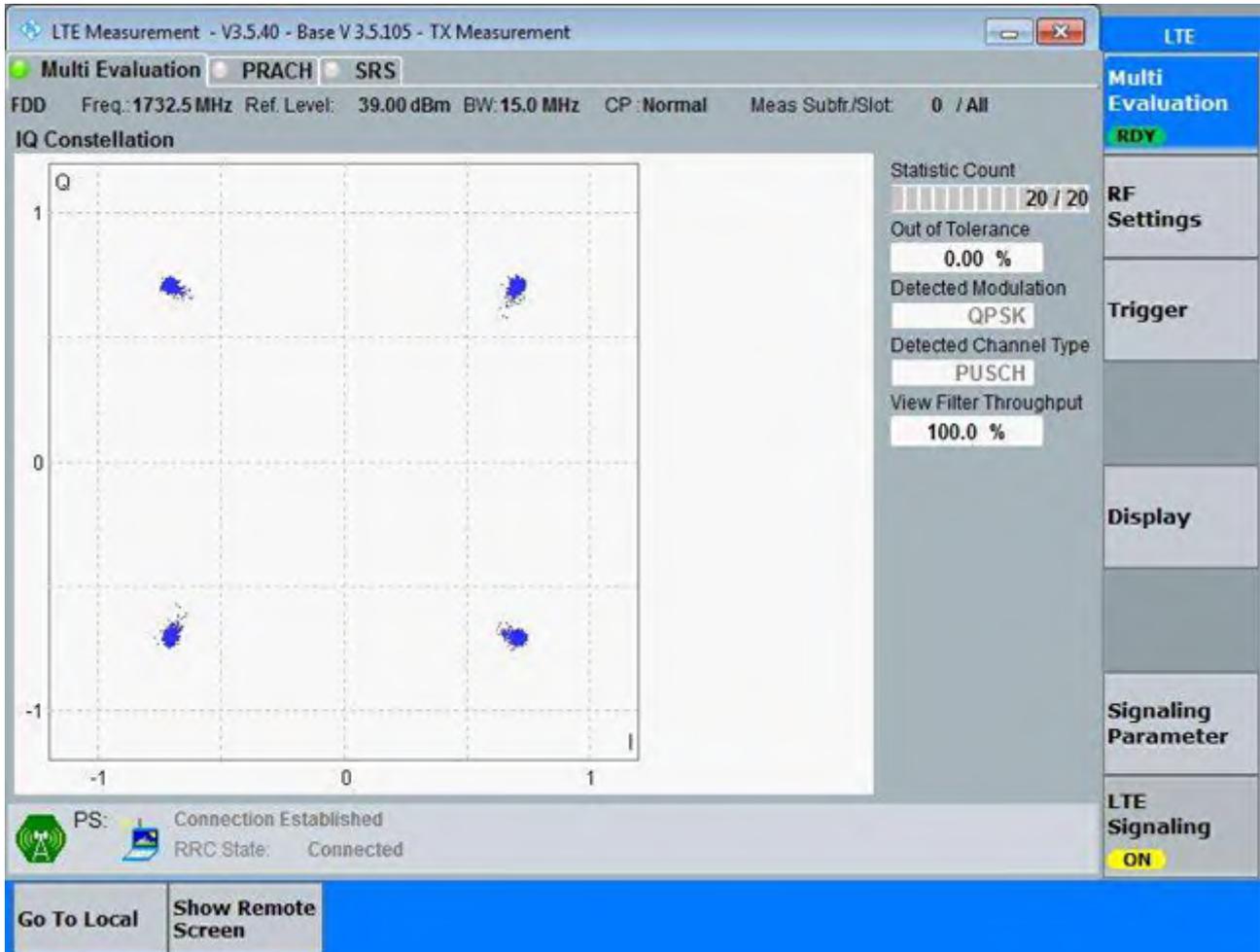
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

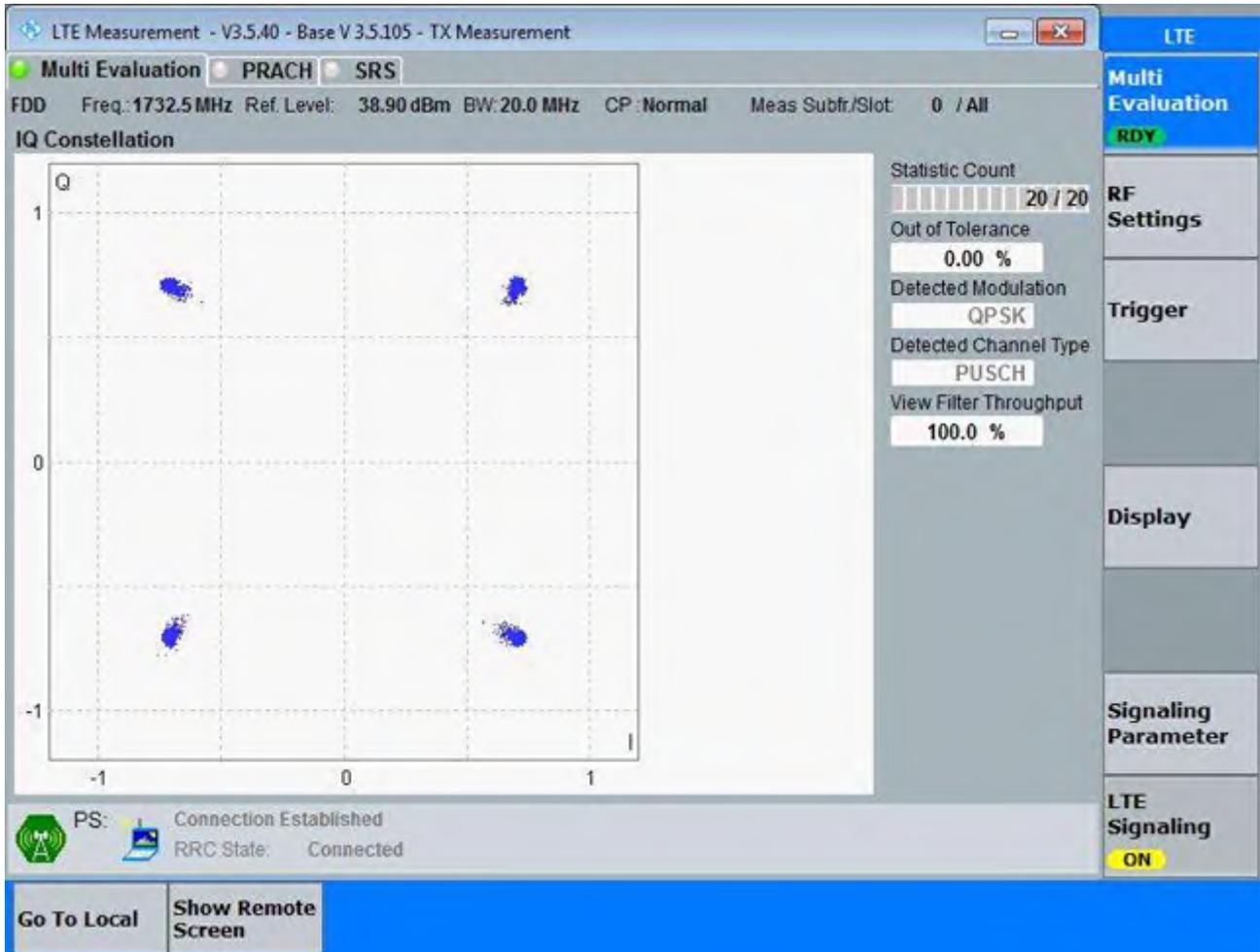
3.1.1.1.5.1.1 Test RB = RB75#0



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

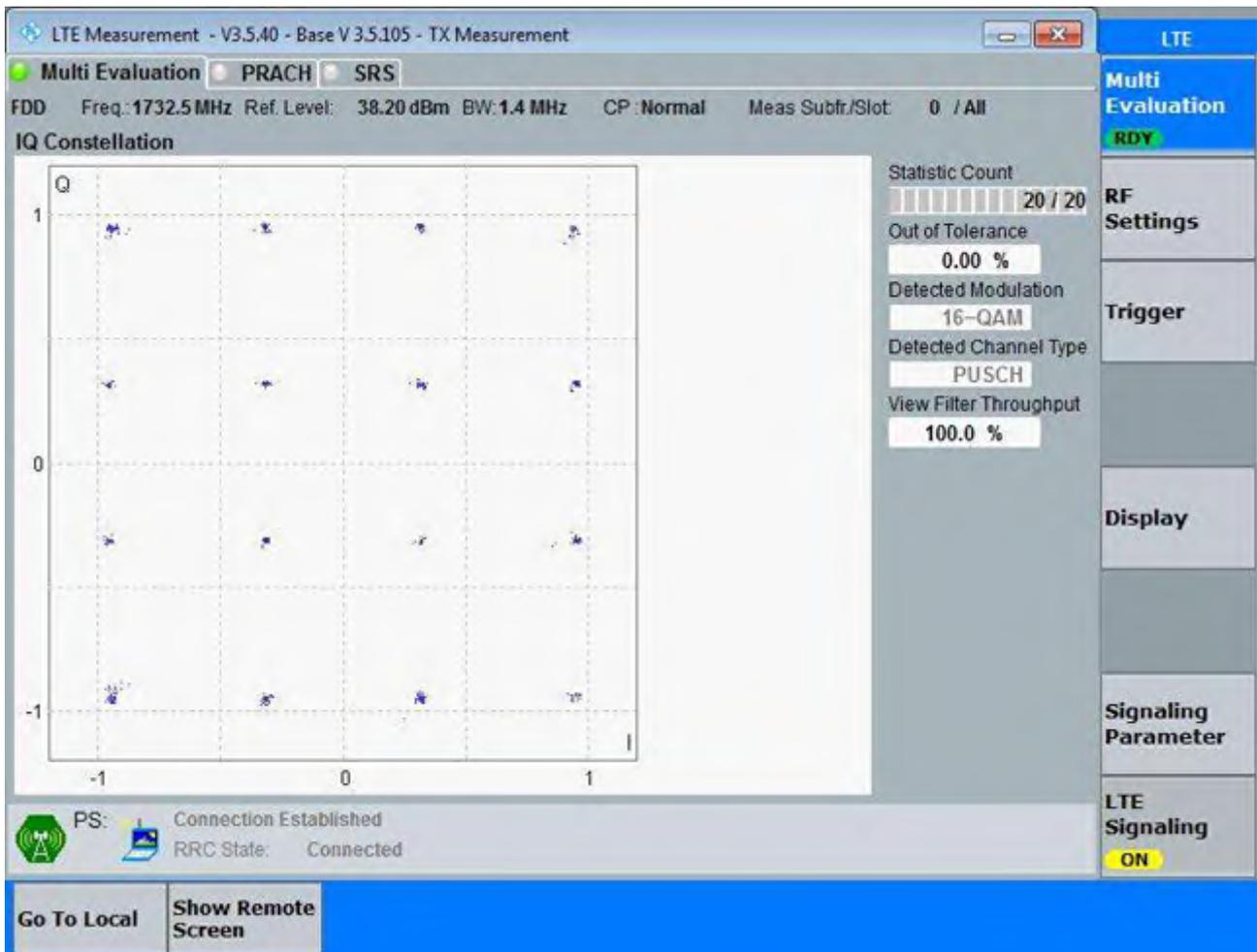


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

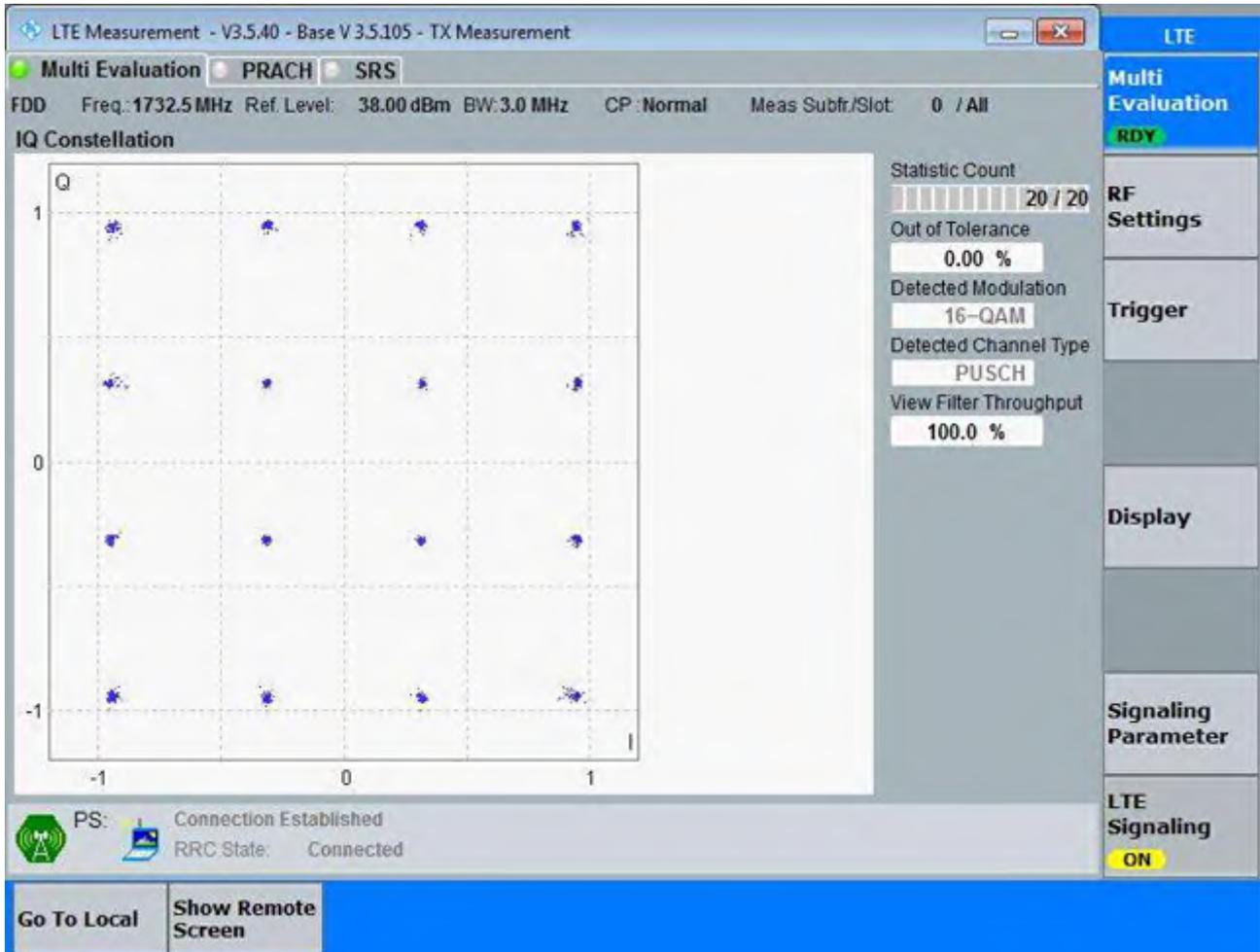
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

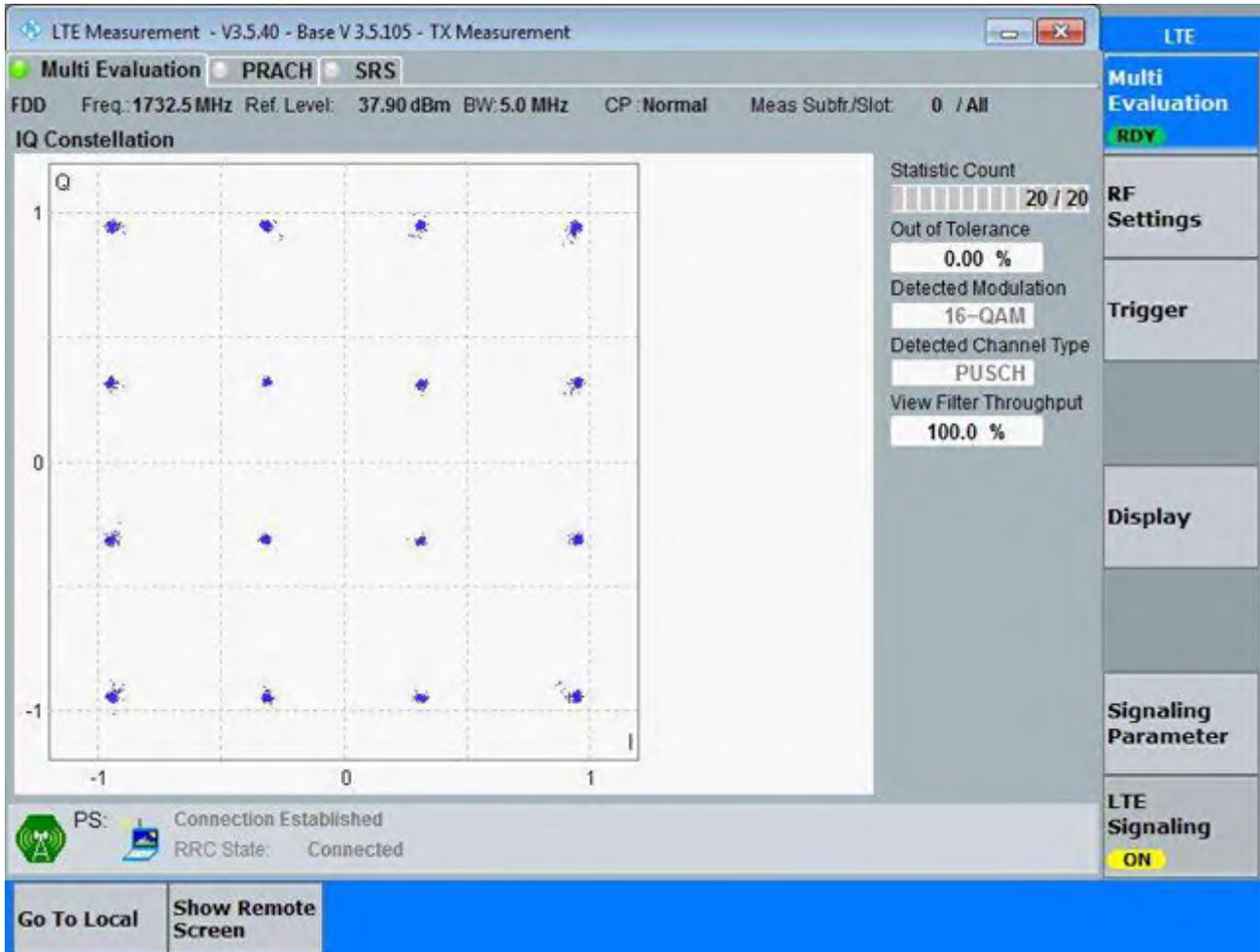
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

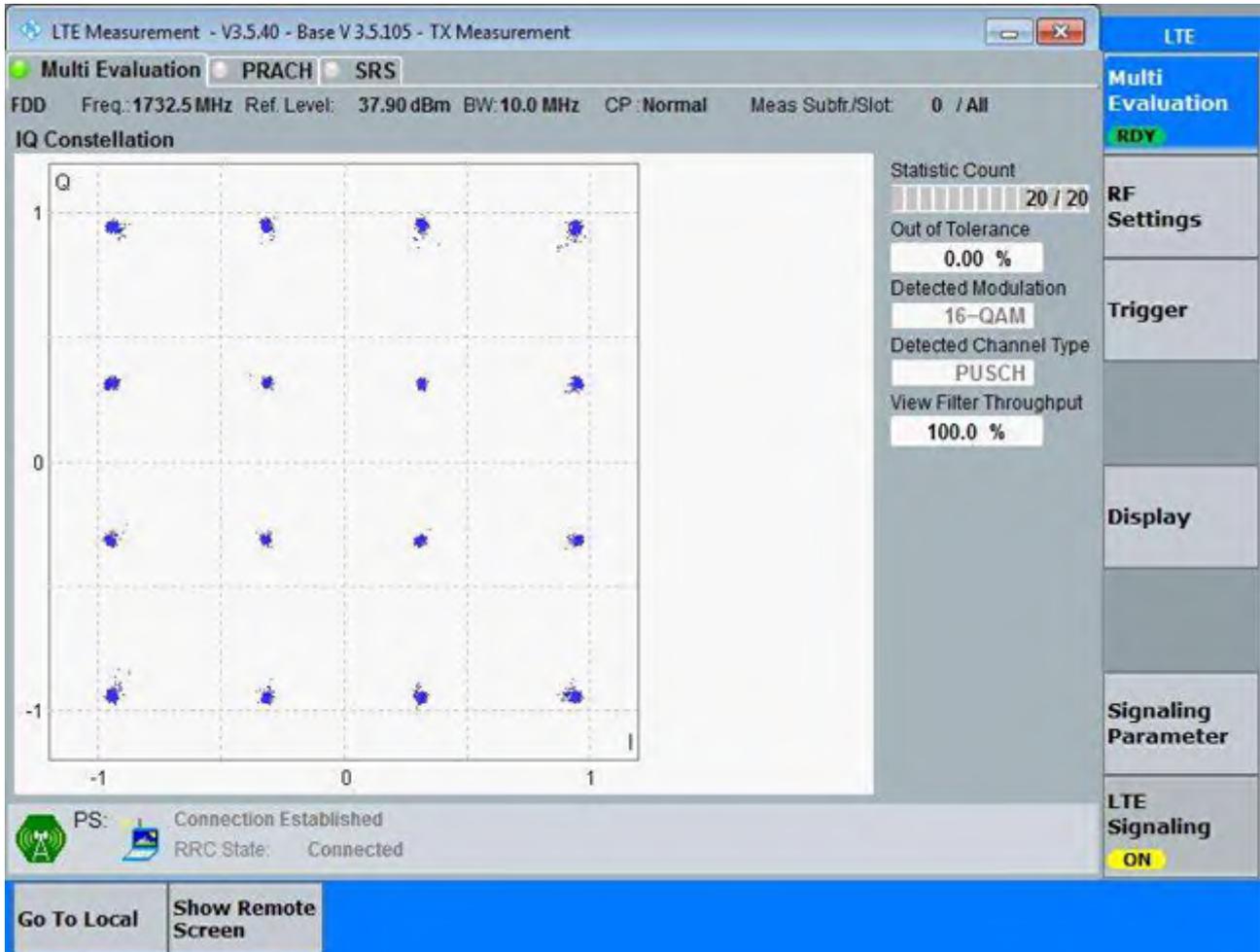
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

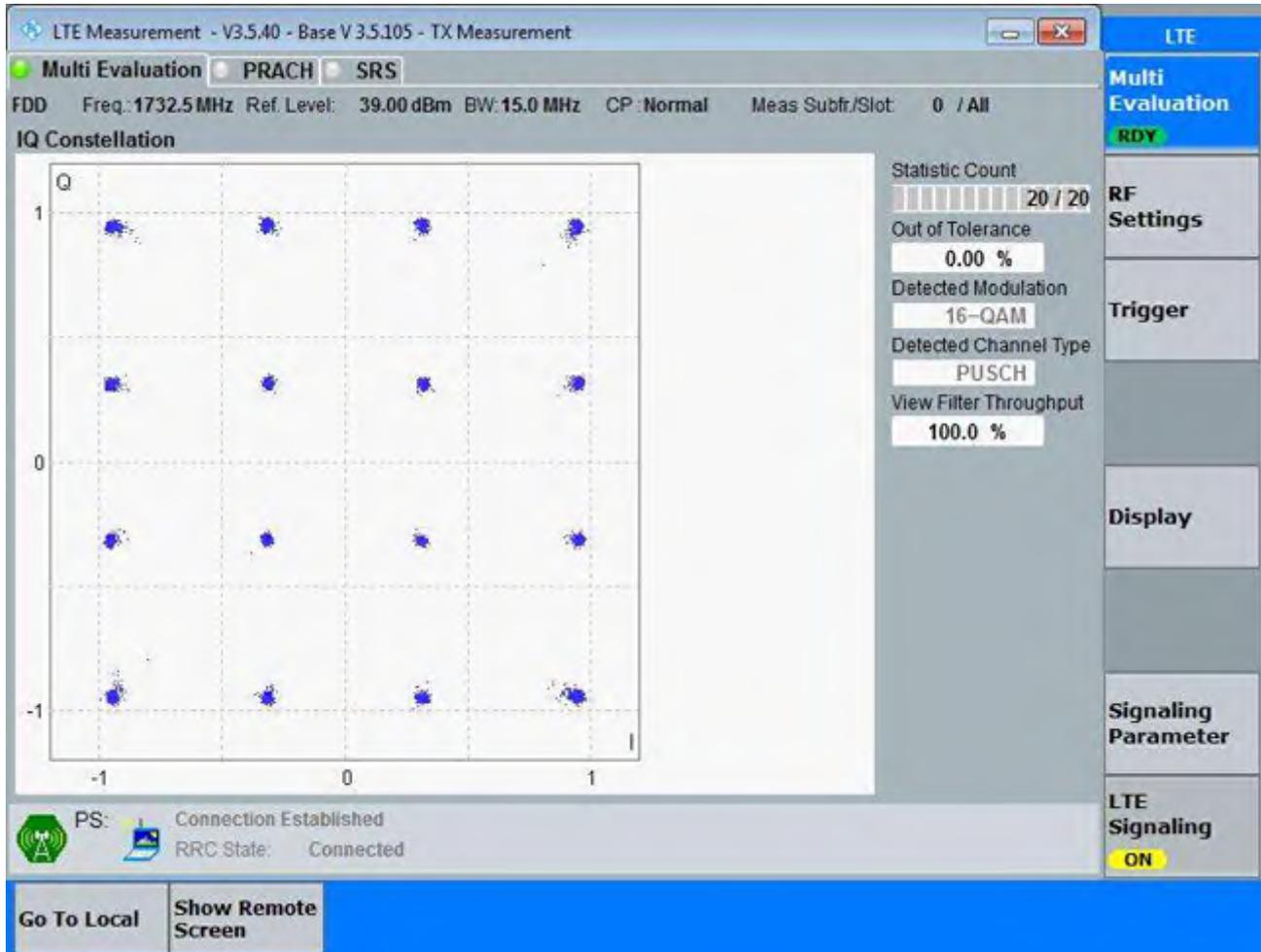
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

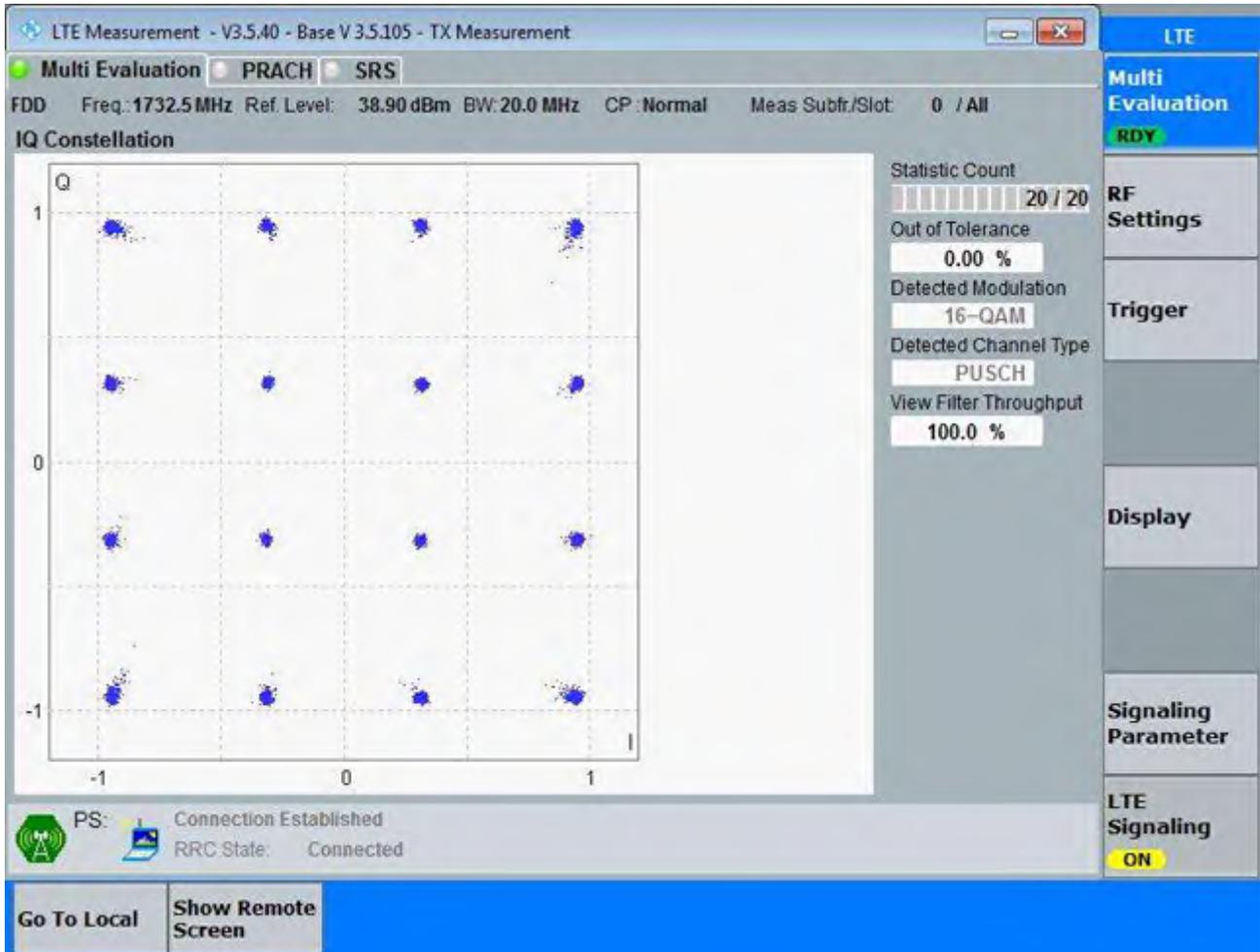
3.1.1.2.5.1.1 Test RB = RB75#0



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
Band4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.25	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.53	4.97	Pass
		10	LCH	RB50#0	8.99	9.85	Pass
			MCH	RB50#0	9.00	9.92	Pass
			HCH	RB50#0	8.98	9.88	Pass
		15	LCH	RB75#0	13.50	14.91	Pass
			MCH	RB75#0	13.51	14.92	Pass
			HCH	RB75#0	13.50	14.89	Pass
		20	LCH	RB100#0	18.00	19.76	Pass
			MCH	RB100#0	18.03	19.88	Pass
			HCH	RB100#0	17.96	19.74	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.52	5.01	Pass
			HCH	RB25#0	4.52	4.99	Pass
		10	LCH	RB50#0	9.03	9.84	Pass
			MCH	RB50#0	9.02	9.91	Pass
			HCH	RB50#0	9.00	9.93	Pass
15		LCH	RB75#0	13.48	14.87	Pass	
		MCH	RB75#0	13.51	14.86	Pass	
		HCH	RB75#0	13.50	14.94	Pass	
20		LCH	RB100#0	18.04	19.68	Pass	
		MCH	RB100#0	18.01	19.74	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	17.96	19.78	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 = 1.4

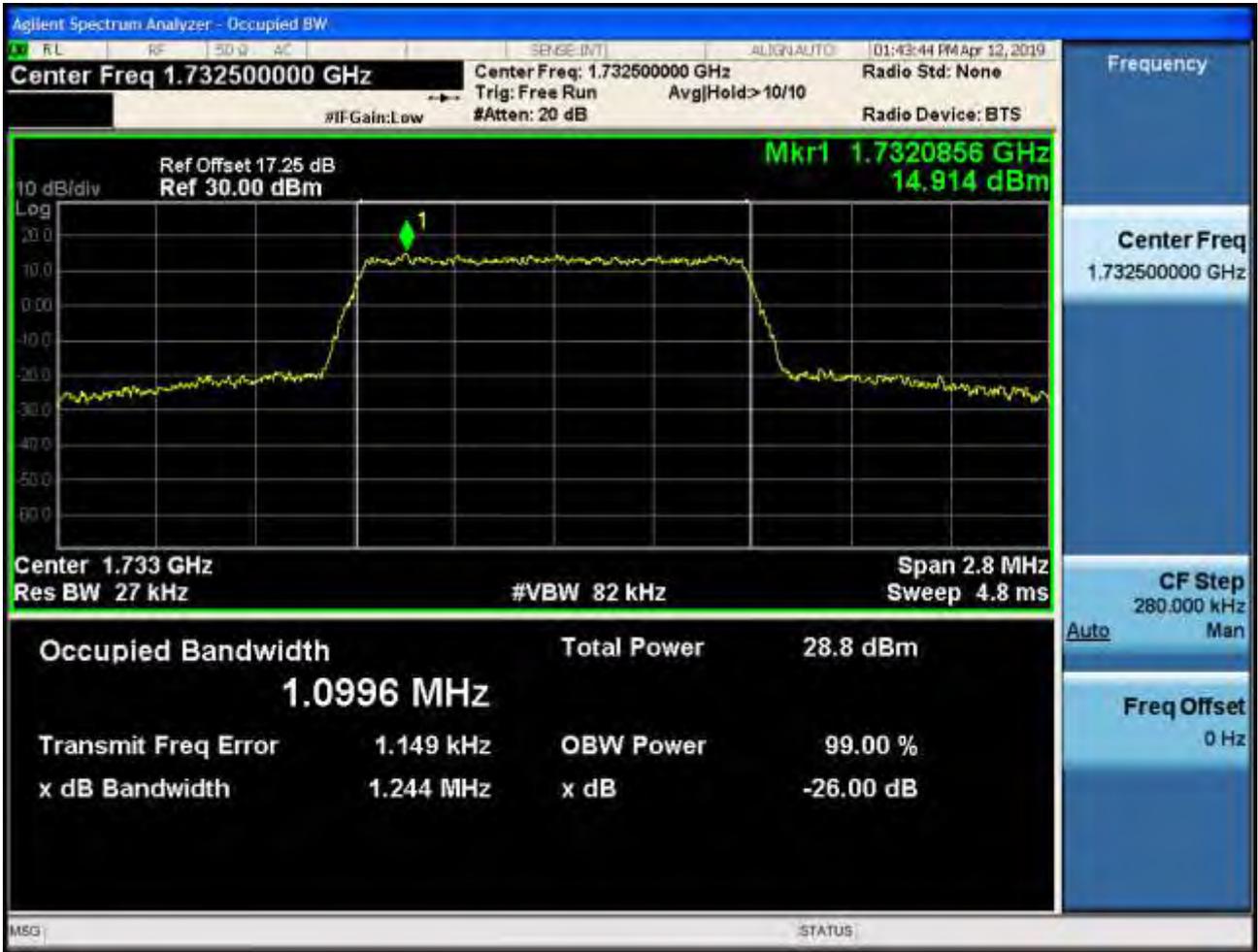
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



4.1.1.1.2 Test Channel = MCH

4.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.3 Test Channel = HCH

4.1.1.1.3.1 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

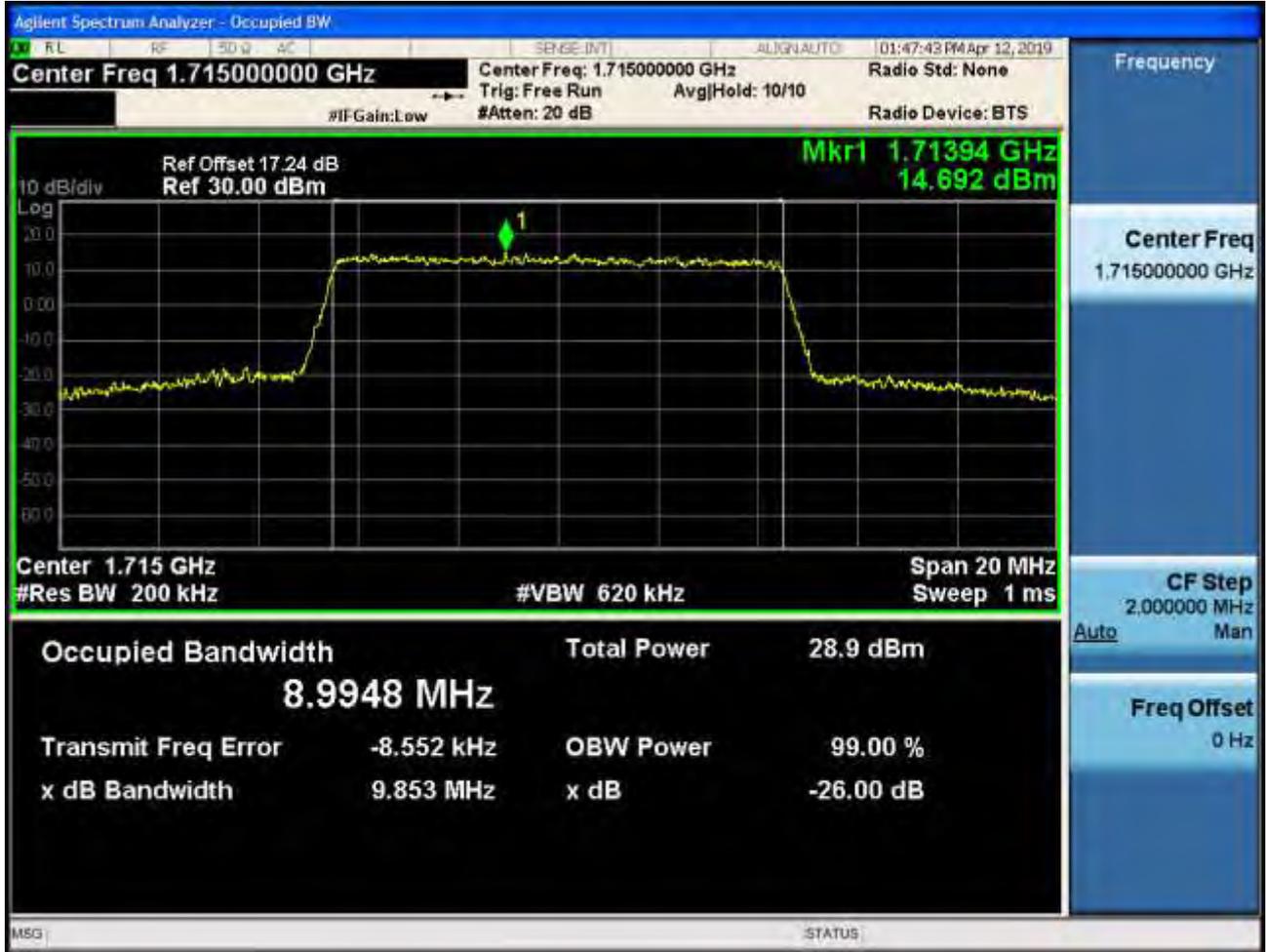
4.1.1.1.3.3.1 Test RB = RB25#0



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

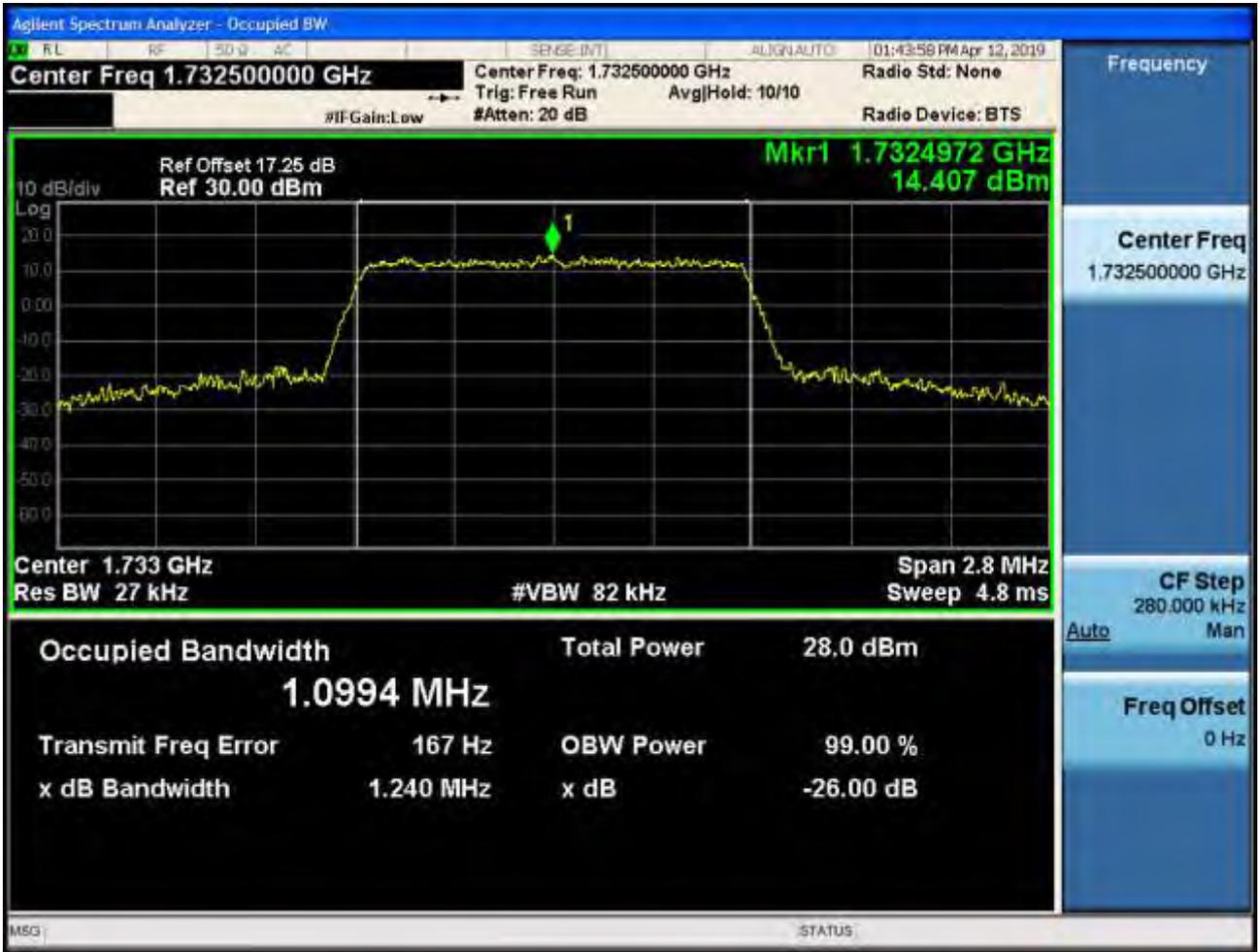
4.1.1.2.1.1 Test Channel = LCH

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

4.1.1.2.2.1 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

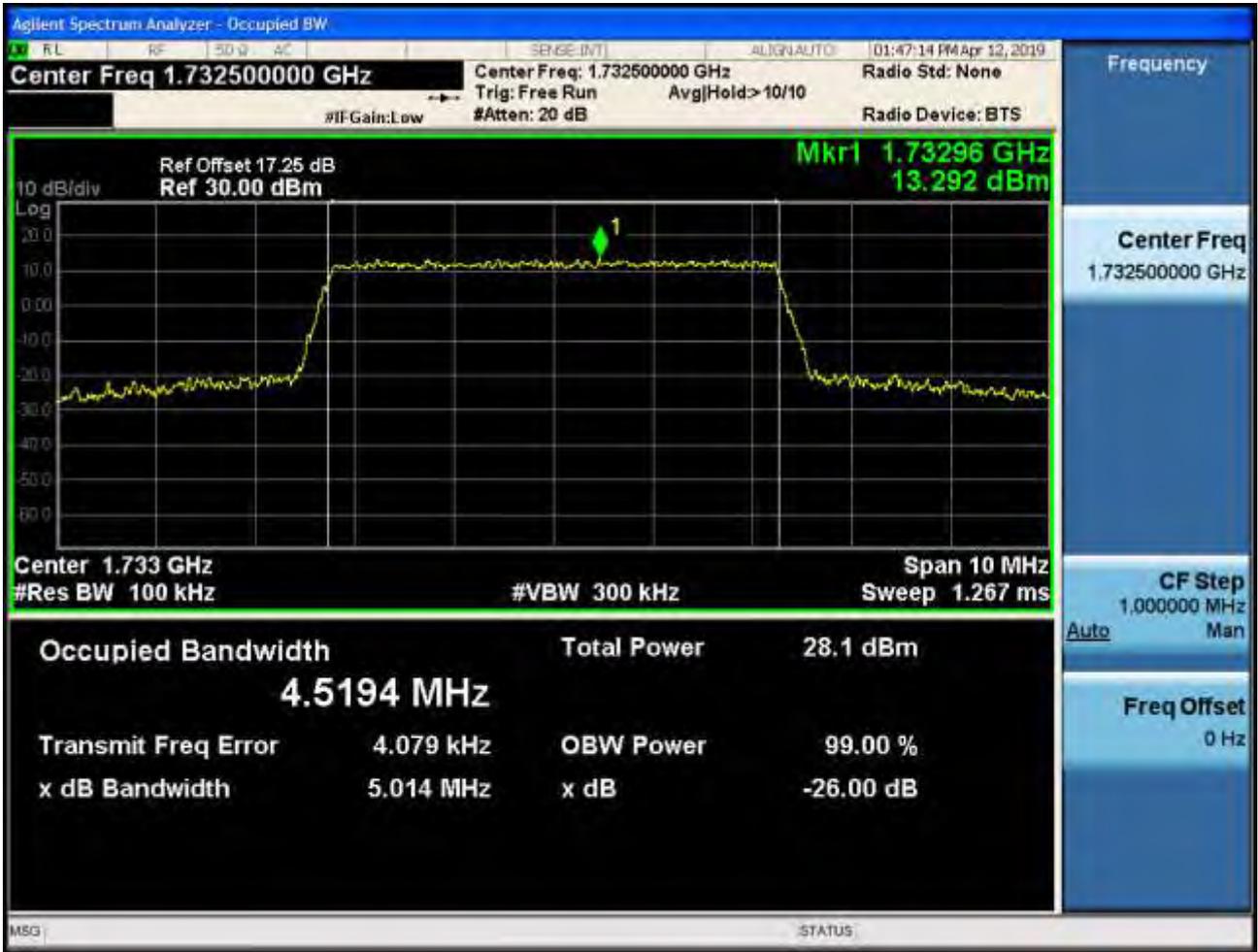
4.1.1.2.3.1 Test Channel = LCH

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

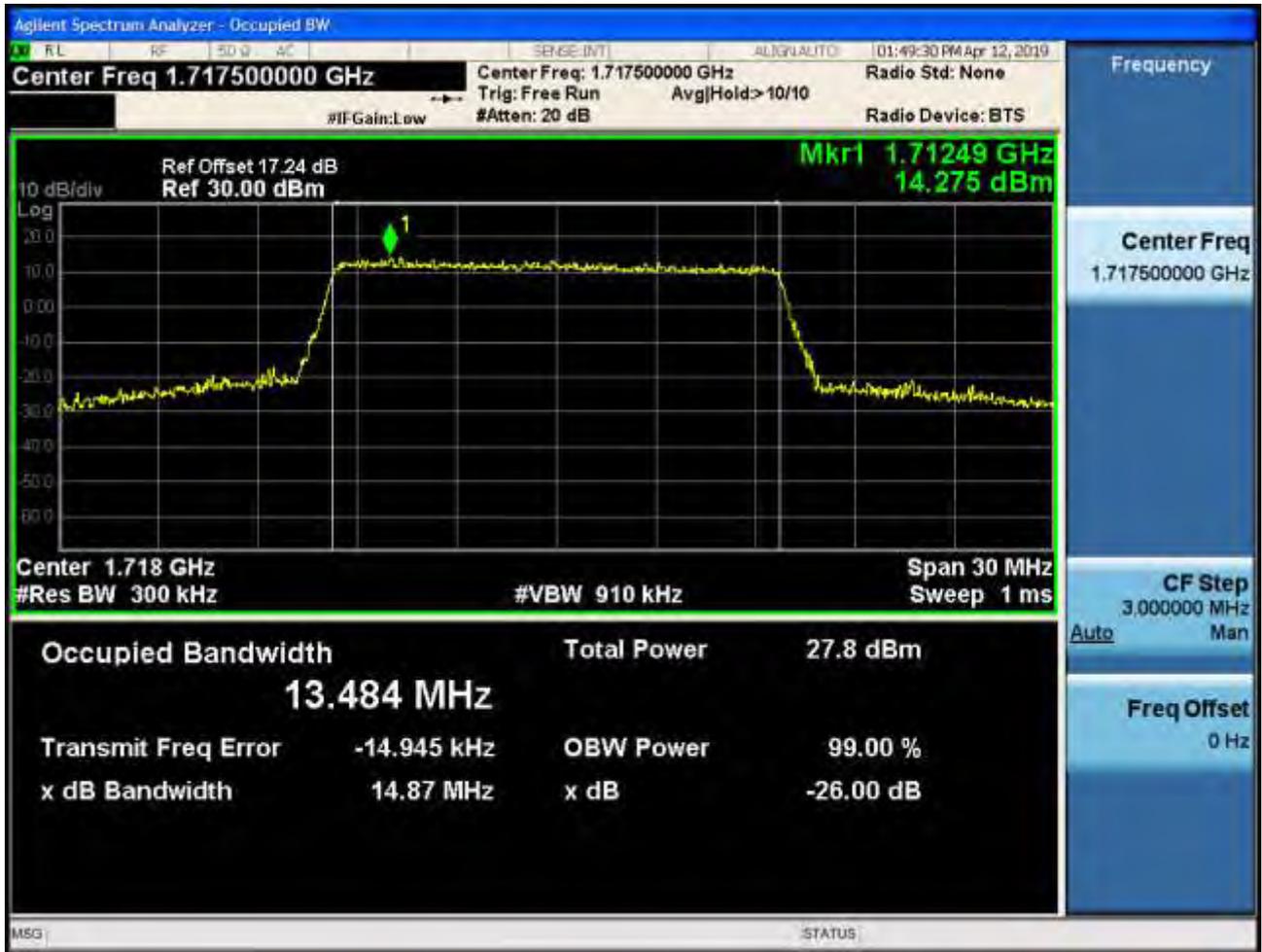
4.1.1.2.4.3.1 Test RB = RB50#0



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

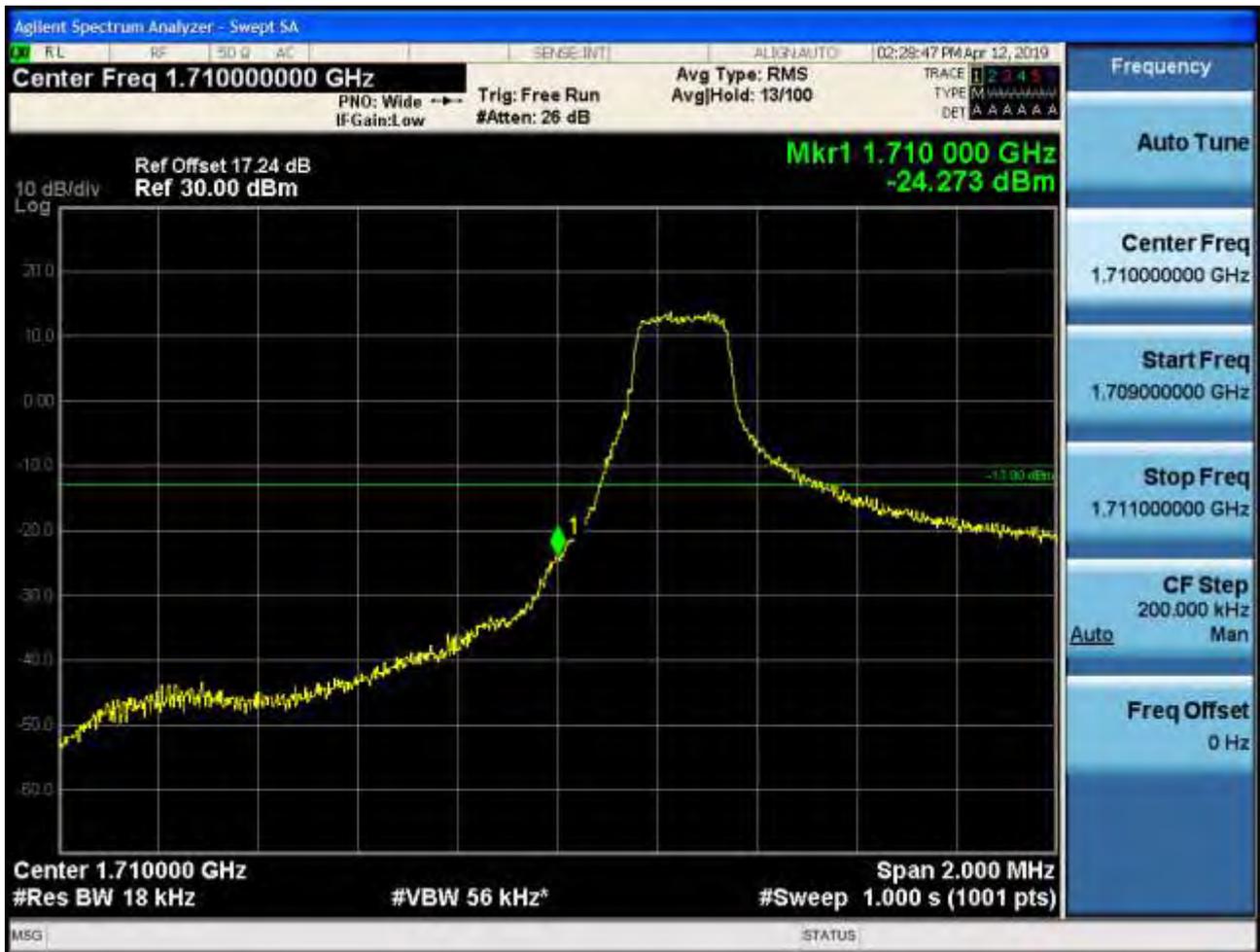
5.1.1 Test Band = Band4

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



5.1.1.1.2.2 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



5.1.1.1.2.1.2 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



5.1.1.1.2.2.2 Test RB = RB1#14



5.1.1.1.2.2.3 Test RB = RB8#4



5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 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



5.1.1.1.4.2.2 Test RB = RB1#49



5.1.1.1.4.2.3 Test RB = RB25#13



5.1.1.1.4.2.4 Test RB = RB50#0



5.1.1.1.5 Test Bandwidth = 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



5.1.1.1.6.2.2 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



5.1.1.2.1.1.2 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



5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#5

