



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
BAND25	LTE/TM1	1.4	LCH	RB1#0	21.2	23.05	33	PASS
				RB1#3	21.26	22.82	33	PASS
				RB1#5	21.3	23.18	33	PASS
				RB3#0	21.24	23.02	33	PASS
				RB3#2	21.24	22.77	33	PASS
				RB3#3	21.22	23.05	33	PASS
				RB6#0	21.27	22.87	33	PASS
			MCH	RB1#0	21.23	22.95	33	PASS
				RB1#3	21.25	22.95	33	PASS
				RB1#5	21.22	22.83	33	PASS
				RB3#0	21.12	22.91	33	PASS
				RB3#2	21.13	22.65	33	PASS
				RB3#3	21.07	22.59	33	PASS
				RB6#0	21.12	22.75	33	PASS
			HCH	RB1#0	21.14	22.74	33	PASS
				RB1#3	21.17	22.80	33	PASS
				RB1#5	21.17	23.04	33	PASS
				RB3#0	21.07	22.91	33	PASS
				RB3#2	21.04	22.77	33	PASS
				RB3#3	21.02	22.76	33	PASS
				RB6#0	21.06	22.79	33	PASS
		3	LCH	RB1#0	22.13	23.80	33	PASS
				RB1#7	22.18	23.90	33	PASS
				RB1#14	22.12	23.77	33	PASS
				RB8#0	21.22	22.91	33	PASS
				RB8#4	21.21	22.76	33	PASS
				RB8#7	21.18	22.71	33	PASS
				RB15#0	21.22	22.80	33	PASS
			MCH	RB1#0	22.11	24.01	33	PASS
				RB1#7	22.16	23.96	33	PASS
				RB1#14	22.1	23.74	33	PASS
				RB8#0	21.14	22.67	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB8#4	21.12	22.69	33	PASS
				RB8#7	21.08	22.94	33	PASS
				RB15#0	21.1	22.61	33	PASS
			HCH	RB1#0	22.03	23.61	33	PASS
				RB1#7	22.08	23.71	33	PASS
				RB1#14	21.96	23.47	33	PASS
				RB8#0	21.09	22.66	33	PASS
				RB8#4	21.03	22.65	33	PASS
				RB8#7	20.98	22.68	33	PASS
				RB15#0	21.09	22.78	33	PASS
		5	LCH	RB1#0	22.13	23.65	33	PASS
				RB1#13	22.19	23.95	33	PASS
				RB1#24	22.15	24.04	33	PASS
				RB12#0	21.18	22.91	33	PASS
				RB12#6	21.15	22.85	33	PASS
				RB12#13	21.13	22.89	33	PASS
				RB25#0	21.14	22.94	33	PASS
			MCH	RB1#0	21.97	23.55	33	PASS
				RB1#13	22.11	23.70	33	PASS
				RB1#24	22.03	23.54	33	PASS
				RB12#0	21.06	22.56	33	PASS
				RB12#6	21.1	22.99	33	PASS
				RB12#13	21.05	22.58	33	PASS
				RB25#0	21.04	22.68	33	PASS
			HCH	RB1#0	22.05	23.76	33	PASS
				RB1#13	22.08	23.72	33	PASS
				RB1#24	21.93	23.62	33	PASS
				RB12#0	21.04	22.92	33	PASS
				RB12#6	21.05	22.69	33	PASS
				RB12#13	21.06	22.84	33	PASS
				RB25#0	21	22.59	33	PASS
		10	LCH	RB1#0	22.03	23.71	33	PASS
				RB1#25	22.12	23.82	33	PASS
				RB1#49	21.92	23.55	33	PASS
				RB25#0	21.1	23.00	33	PASS
				RB25#1	21.1	22.97	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				3				
				RB25#25	21.1	22.96	33	PASS
				RB50#0	21.13	22.95	33	PASS
			MCH	RB1#0	21.89	23.52	33	PASS
				RB1#25	22.05	23.80	33	PASS
				RB1#49	21.96	23.50	33	PASS
				RB25#0	21	22.55	33	PASS
				RB25#13	21.03	22.83	33	PASS
				RB25#25	21.05	22.93	33	PASS
				RB50#0	21.03	22.76	33	PASS
			HCH	RB1#0	21.87	23.53	33	PASS
				RB1#25	22.04	23.90	33	PASS
				RB1#49	21.84	23.68	33	PASS
				RB25#0	20.93	22.55	33	PASS
				RB25#13	20.99	22.63	33	PASS
				RB25#25	21	22.66	33	PASS
				RB50#0	20.94	22.70	33	PASS
		15	LCH	RB1#0	21.9	23.62	33	PASS
				RB1#38	22.1	23.64	33	PASS
				RB1#74	21.85	23.57	33	PASS
				RB38#0	21.05	22.93	33	PASS
				RB38#19	21.07	22.69	33	PASS
				RB38#39	20.98	22.63	33	PASS
				RB75#0	21.12	22.73	33	PASS
			MCH	RB1#0	21.84	23.55	33	PASS
				RB1#38	21.99	23.54	33	PASS
				RB1#74	21.81	23.45	33	PASS
				RB38#0	21.01	22.74	33	PASS
				RB38#19	21.03	22.66	33	PASS
				RB38#39	20.95	22.52	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB75#0	21	22.77	33	PASS
				RB1#0	21.78	23.49	33	PASS
				RB1#38	22.06	23.78	33	PASS
				RB1#74	21.85	23.52	33	PASS
				RB38#0	20.94	22.82	33	PASS
				RB38#19	20.94	22.57	33	PASS
				RB38#39	20.89	22.59	33	PASS
				RB75#0	20.9	22.55	33	PASS
		20	LCH	RB1#0	22.13	23.96	33	PASS
				RB1#50	22.12	24.01	33	PASS
				RB1#99	22.04	23.67	33	PASS
				RB50#0	21.08	22.77	33	PASS
				RB50#25	21.09	22.88	33	PASS
				RB50#50	20.99	22.57	33	PASS
				RB100#0	21.01	22.83	33	PASS
			MCH	RB1#0	22.08	23.78	33	PASS
				RB1#50	22.05	23.63	33	PASS
				RB1#99	21.97	23.66	33	PASS
				RB50#0	21	22.79	33	PASS
				RB50#25	21	22.60	33	PASS
				RB50#50	20.92	22.53	33	PASS
				RB100#0	20.99	22.57	33	PASS
			HCH	RB1#0	21.9	23.42	33	PASS
				RB1#50	21.96	23.66	33	PASS
				RB1#99	21.94	23.82	33	PASS
				RB50#0	20.88	22.41	33	PASS
				RB50#25	20.86	22.62	33	PASS
				RB50#50	20.92	22.66	33	PASS
				RB100#	20.96	22.51	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
	LTE/TM2	1.4	LCH	0				
				RB1#0	20.25	21.93	33	PASS
				RB1#3	20.37	22.13	33	PASS
				RB1#5	20.32	22.14	33	PASS
				RB3#0	20.1	21.60	33	PASS
				RB3#2	20.16	21.70	33	PASS
				RB3#3	20.12	21.83	33	PASS
				RB6#0	20.16	21.80	33	PASS
			MCH	RB1#0	20.18	21.77	33	PASS
				RB1#3	20.15	21.90	33	PASS
				RB1#5	20.17	21.92	33	PASS
				RB3#0	20.11	21.80	33	PASS
				RB3#2	20.06	21.88	33	PASS
				RB3#3	20.02	21.66	33	PASS
				RB6#0	20.01	21.83	33	PASS
			HCH	RB1#0	20.19	21.96	33	PASS
				RB1#3	20.15	21.72	33	PASS
				RB1#5	20.22	22.03	33	PASS
				RB3#0	19.89	21.57	33	PASS
				RB3#2	19.95	21.83	33	PASS
				RB3#3	19.9	21.50	33	PASS
				RB6#0	19.91	21.68	33	PASS
		3	LCH	RB1#0	21.11	22.74	33	PASS
				RB1#7	21.17	22.82	33	PASS
				RB1#14	21.1	22.94	33	PASS
				RB8#0	20.14	21.80	33	PASS
				RB8#4	20.13	21.73	33	PASS
				RB8#7	20.15	21.67	33	PASS
				RB15#0	20.09	21.92	33	PASS
			MCH	RB1#0	21.09	22.66	33	PASS
				RB1#7	21.16	22.90	33	PASS
				RB1#14	21.06	22.73	33	PASS
				RB8#0	20.09	21.91	33	PASS
				RB8#4	20.06	21.89	33	PASS
				RB8#7	20.07	21.88	33	PASS
				RB15#0	19.99	21.82	33	PASS
			HCH	RB1#0	21.09	22.74	33	PASS
				RB1#7	21.14	22.77	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#14	21.08	22.70	33	PASS
				RB8#0	19.97	21.83	33	PASS
				RB8#4	19.95	21.49	33	PASS
				RB8#7	19.88	21.68	33	PASS
				RB15#0	19.99	21.54	33	PASS
		5	LCH	RB1#0	21.25	22.83	33	PASS
				RB1#13	21.25	22.89	33	PASS
				RB1#24	21.31	22.95	33	PASS
				RB12#0	20.09	21.89	33	PASS
				RB12#6	20.12	21.75	33	PASS
				RB12#13	20.03	21.88	33	PASS
				RB25#0	20.07	21.63	33	PASS
			MCH	RB1#0	20.92	22.80	33	PASS
				RB1#13	21.02	22.54	33	PASS
				RB1#24	21.04	22.62	33	PASS
				RB12#0	19.95	21.45	33	PASS
				RB12#6	19.99	21.82	33	PASS
				RB12#13	20.03	21.73	33	PASS
				RB25#0	19.93	21.61	33	PASS
			HCH	RB1#0	21.19	22.84	33	PASS
				RB1#13	21.36	22.98	33	PASS
				RB1#24	21.27	23.12	33	PASS
				RB12#0	19.97	21.69	33	PASS
				RB12#6	19.99	21.73	33	PASS
				RB12#13	20	21.68	33	PASS
				RB25#0	19.94	21.81	33	PASS
		10	LCH	RB1#0	21.26	23.04	33	PASS
				RB1#25	21.33	23.12	33	PASS
				RB1#49	21.27	23.04	33	PASS
				RB25#0	20.04	21.72	33	PASS
				RB25#13	20.04	21.91	33	PASS
				RB25#25	20.04	21.58	33	PASS
				RB50#0	20	21.81	33	PASS
			MCH	RB1#0	20.93	22.58	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	21.14	22.77	33	PASS
				RB1#49	20.95	22.74	33	PASS
				RB25#0	19.91	21.52	33	PASS
				RB25#13	19.94	21.83	33	PASS
				RB25#25	19.89	21.72	33	PASS
				RB50#0	19.96	21.84	33	PASS
			HCH	RB1#0	21.13	22.82	33	PASS
				RB1#25	21.29	22.90	33	PASS
				RB1#49	21.09	22.74	33	PASS
				RB25#0	19.91	21.72	33	PASS
				RB25#13	19.92	21.48	33	PASS
				RB25#25	20	21.86	33	PASS
				RB50#0	19.85	21.44	33	PASS
		15	LCH	RB1#0	21.11	22.76	33	PASS
				RB1#38	21.24	22.83	33	PASS
				RB1#74	21	22.64	33	PASS
				RB38#0	20	21.52	33	PASS
				RB38#19	20.03	21.54	33	PASS
				RB38#39	19.93	21.72	33	PASS
				RB75#0	19.97	21.81	33	PASS
			MCH	RB1#0	21.19	22.92	33	PASS
				RB1#38	21.28	22.99	33	PASS
				RB1#74	21.1	22.99	33	PASS
				RB38#0	19.88	21.77	33	PASS
				RB38#19	19.91	21.74	33	PASS
				RB38#39	19.88	21.60	33	PASS
				RB75#0	19.93	21.70	33	PASS
			HCH	RB1#0	20.81	22.41	33	PASS
				RB1#38	21.07	22.96	33	PASS
				RB1#74	20.81	22.54	33	PASS
				RB38#0	19.84	21.35	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB38#19	19.84	21.63	33	PASS
				RB38#39	19.84	21.52	33	PASS
				RB75#0	19.85	21.36	33	PASS
		20	LCH	RB1#0	21.32	22.87	33	PASS
				RB1#50	21.32	23.11	33	PASS
				RB1#99	21.25	23.12	33	PASS
				RB50#0	20.04	21.93	33	PASS
				RB50#25	20.03	21.62	33	PASS
				RB50#50	20	21.64	33	PASS
				RB100#0	19.97	21.62	33	PASS
			MCH	RB1#0	21.18	23.05	33	PASS
				RB1#50	21.16	22.68	33	PASS
				RB1#99	21.1	22.66	33	PASS
				RB50#0	19.93	21.81	33	PASS
				RB50#25	19.97	21.78	33	PASS
				RB50#50	19.85	21.51	33	PASS
				RB100#0	19.92	21.46	33	PASS
			HCH	RB1#0	21.25	23.11	33	PASS
				RB1#50	21.26	23.01	33	PASS
				RB1#99	21.26	22.83	33	PASS
				RB50#0	19.82	21.34	33	PASS
				RB50#25	19.81	21.69	33	PASS
				RB50#50	19.86	21.71	33	PASS
				RB100#0	19.86	21.50	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
BAND25	LTE/TM1	1.4	LCH	RB1#0	4.78	13	PASS
				RB1#3	4.86	13	PASS
				RB1#5	4.88	13	PASS
				RB3#0	5.51	13	PASS
				RB3#2	5.51	13	PASS
				RB3#3	5.5	13	PASS
				RB6#0	5.6	13	PASS
			MCH	RB1#0	4.97	13	PASS
				RB1#3	4.99	13	PASS
				RB1#5	5.03	13	PASS
				RB3#0	5.49	13	PASS
				RB3#2	5.59	13	PASS
				RB3#3	5.57	13	PASS
				RB6#0	5.84	13	PASS
			HCH	RB1#0	4.8	13	PASS
				RB1#3	4.68	13	PASS
				RB1#5	4.66	13	PASS
				RB3#0	5.27	13	PASS
				RB3#2	5.33	13	PASS
				RB3#3	5.17	13	PASS
				RB6#0	5.65	13	PASS
		3	LCH	RB1#0	4.4	13	PASS
				RB1#7	4.42	13	PASS
				RB1#14	4.59	13	PASS
				RB8#0	5.46	13	PASS
				RB8#4	5.53	13	PASS
				RB8#7	5.61	13	PASS
				RB15#0	5.88	13	PASS
			MCH	RB1#0	4.6	13	PASS
				RB1#7	4.63	13	PASS
				RB1#14	4.74	13	PASS
				RB8#0	5.87	13	PASS
				RB8#4	5.94	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.91	13	PASS
				RB15#0	6.07	13	PASS
			HCH	RB1#0	4.69	13	PASS
				RB1#7	4.34	13	PASS
				RB1#14	4.19	13	PASS
				RB8#0	5.68	13	PASS
				RB8#4	5.54	13	PASS
				RB8#7	5.48	13	PASS
				RB15#0	5.69	13	PASS
		5	LCH	RB1#0	4.7	13	PASS
				RB1#13	4.78	13	PASS
				RB1#24	5	13	PASS
				RB12#0	5.75	13	PASS
				RB12#6	5.77	13	PASS
				RB12#13	5.96	13	PASS
				RB25#0	6	13	PASS
			MCH	RB1#0	4.82	13	PASS
				RB1#13	4.65	13	PASS
				RB1#24	5.03	13	PASS
				RB12#0	5.86	13	PASS
				RB12#6	5.9	13	PASS
				RB12#13	6.03	13	PASS
				RB25#0	6.15	13	PASS
			HCH	RB1#0	5.03	13	PASS
				RB1#13	4.67	13	PASS
				RB1#24	4.5	13	PASS
				RB12#0	6.06	13	PASS
				RB12#6	5.83	13	PASS
				RB12#13	5.72	13	PASS
				RB25#0	6.11	13	PASS
		10	LCH	RB1#0	4.58	13	PASS
				RB1#25	4.89	13	PASS
				RB1#49	5.15	13	PASS
				RB25#0	5.97	13	PASS
				RB25#13	6.06	13	PASS
				RB25#25	6.18	13	PASS
				RB50#0	6.32	13	PASS
			MCH	RB1#0	4.43	13	PASS
				RB1#25	4.51	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.73	13	PASS
				RB25#0	5.92	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	6.22	13	PASS
				RB50#0	6.47	13	PASS
			HCH	RB1#0	4.95	13	PASS
				RB1#25	5.07	13	PASS
				RB1#49	4.51	13	PASS
				RB25#0	6.33	13	PASS
				RB25#13	6.24	13	PASS
				RB25#25	6.17	13	PASS
				RB50#0	6.58	13	PASS
		15	LCH	RB1#0	4.62	13	PASS
				RB1#38	4.96	13	PASS
				RB1#74	5.04	13	PASS
				RB38#0	6.07	13	PASS
				RB38#19	6.31	13	PASS
				RB38#39	6.45	13	PASS
				RB75#0	6.74	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#38	4.89	13	PASS
				RB1#74	5.2	13	PASS
				RB38#0	6.22	13	PASS
				RB38#19	6.26	13	PASS
				RB38#39	6.46	13	PASS
				RB75#0	6.59	13	PASS
			HCH	RB1#0	4.86	13	PASS
				RB1#38	5.03	13	PASS
				RB1#74	4.57	13	PASS
				RB38#0	6.15	13	PASS
				RB38#19	6.49	13	PASS
				RB38#39	6.48	13	PASS
				RB75#0	6.8	13	PASS
		20	LCH	RB1#0	4.6	13	PASS
				RB1#50	5.11	13	PASS
				RB1#99	4.91	13	PASS
				RB50#0	6.33	13	PASS
				RB50#25	6.55	13	PASS
				RB50#50	6.52	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	6.5	13	PASS
			MCH	RB1#0	4.96	13	PASS
				RB1#50	5.08	13	PASS
				RB1#99	5.49	13	PASS
				RB50#0	6.19	13	PASS
				RB50#25	6.23	13	PASS
				RB50#50	6.5	13	PASS
				RB100#0	6.63	13	PASS
			HCH	RB1#0	4.8	13	PASS
				RB1#50	4.64	13	PASS
				RB1#99	4.49	13	PASS
				RB50#0	6.1	13	PASS
				RB50#25	6.25	13	PASS
				RB50#50	6.34	13	PASS
				RB100#0	6.75	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.69	13	PASS
				RB1#3	5.81	13	PASS
				RB1#5	5.74	13	PASS
				RB3#0	6.26	13	PASS
				RB3#2	6.25	13	PASS
				RB3#3	6.24	13	PASS
				RB6#0	6.55	13	PASS
			MCH	RB1#0	5.78	13	PASS
				RB1#3	5.93	13	PASS
				RB1#5	5.99	13	PASS
				RB3#0	6.65	13	PASS
				RB3#2	6.91	13	PASS
				RB3#3	6.79	13	PASS
				RB6#0	6.53	13	PASS
		3	HCH	RB1#0	5.47	13	PASS
				RB1#3	5.28	13	PASS
				RB1#5	5.26	13	PASS
				RB3#0	6.16	13	PASS
				RB3#2	6.18	13	PASS
				RB3#3	5.95	13	PASS
				RB6#0	6.62	13	PASS
			LCH	RB1#0	5.51	13	PASS
				RB1#7	5.52	13	PASS
				RB1#14	5.76	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.39	13	PASS
				RB8#4	6.41	13	PASS
				RB8#7	6.55	13	PASS
				RB15#0	6.97	13	PASS
			MCH	RB1#0	5.53	13	PASS
				RB1#7	5.75	13	PASS
				RB1#14	5.88	13	PASS
				RB8#0	6.67	13	PASS
				RB8#4	6.69	13	PASS
				RB8#7	6.75	13	PASS
				RB15#0	6.79	13	PASS
			HCH	RB1#0	5.49	13	PASS
				RB1#7	5.11	13	PASS
				RB1#14	4.99	13	PASS
				RB8#0	6.42	13	PASS
				RB8#4	6.27	13	PASS
				RB8#7	6.24	13	PASS
				RB15#0	6.46	13	PASS
		5	LCH	RB1#0	5.25	13	PASS
				RB1#13	5.3	13	PASS
				RB1#24	5.93	13	PASS
				RB12#0	6.56	13	PASS
				RB12#6	6.61	13	PASS
				RB12#13	6.81	13	PASS
				RB25#0	6.97	13	PASS
			MCH	RB1#0	5.16	13	PASS
				RB1#13	5.24	13	PASS
				RB1#24	5.55	13	PASS
				RB12#0	6.85	13	PASS
				RB12#6	6.82	13	PASS
				RB12#13	7	13	PASS
				RB25#0	6.94	13	PASS
			HCH	RB1#0	5.46	13	PASS
				RB1#13	5.23	13	PASS
				RB1#24	5.01	13	PASS
				RB12#0	6.79	13	PASS
				RB12#6	6.66	13	PASS
				RB12#13	6.4	13	PASS
				RB25#0	6.84	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	0	13	PASS
				RB1#25	5.44	13	PASS
				RB1#49	5.71	13	PASS
				RB25#0	6.98	13	PASS
				RB25#13	7.08	13	PASS
				RB25#25	7.35	13	PASS
				RB50#0	7.33	13	PASS
			MCH	RB1#0	5.18	13	PASS
				RB1#25	5.27	13	PASS
				RB1#49	5.5	13	PASS
				RB25#0	7.02	13	PASS
				RB25#13	7.02	13	PASS
				RB25#25	7.27	13	PASS
				RB50#0	7.14	13	PASS
			HCH	RB1#0	5.5	13	PASS
				RB1#25	5.87	13	PASS
				RB1#49	5.08	13	PASS
				RB25#0	7.12	13	PASS
				RB25#13	7.11	13	PASS
				RB25#25	6.92	13	PASS
				RB50#0	7.14	13	PASS
		15	LCH	RB1#0	5.55	13	PASS
				RB1#38	5.73	13	PASS
				RB1#74	6.03	13	PASS
				RB38#0	7.11	13	PASS
				RB38#19	7.37	13	PASS
				RB38#39	7.59	13	PASS
				RB75#0	7.61	13	PASS
			MCH	RB1#0	5.91	13	PASS
				RB1#38	5.85	13	PASS
				RB1#74	6.29	13	PASS
				RB38#0	7.16	13	PASS
				RB38#19	7.16	13	PASS
				RB38#39	7.37	13	PASS
				RB75#0	7.56	13	PASS
			HCH	RB1#0	5.51	13	PASS
				RB1#38	5.58	13	PASS
				RB1#74	5.35	13	PASS
				RB38#0	6.99	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#19	7.14	13	PASS
				RB38#39	7.22	13	PASS
				RB75#0	7.36	13	PASS
		20	LCH	RB1#0	5.4	13	PASS
				RB1#50	5.78	13	PASS
				RB1#99	5.86	13	PASS
				RB50#0	7.07	13	PASS
				RB50#25	7.2	13	PASS
				RB50#50	6.91	13	PASS
				RB100#0	7.52	13	PASS
			MCH	RB1#0	5.47	13	PASS
				RB1#50	5.48	13	PASS
				RB1#99	5.83	13	PASS
				RB50#0	7.11	13	PASS
				RB50#25	7.09	13	PASS
				RB50#50	7.38	13	PASS
				RB100#0	7.64	13	PASS
			HCH	RB1#0	5.83	13	PASS
				RB1#50	5.49	13	PASS
				RB1#99	5.32	13	PASS
				RB50#0	7.09	13	PASS
				RB50#25	7.07	13	PASS
				RB50#50	7.2	13	PASS
				RB100#0	7.46	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

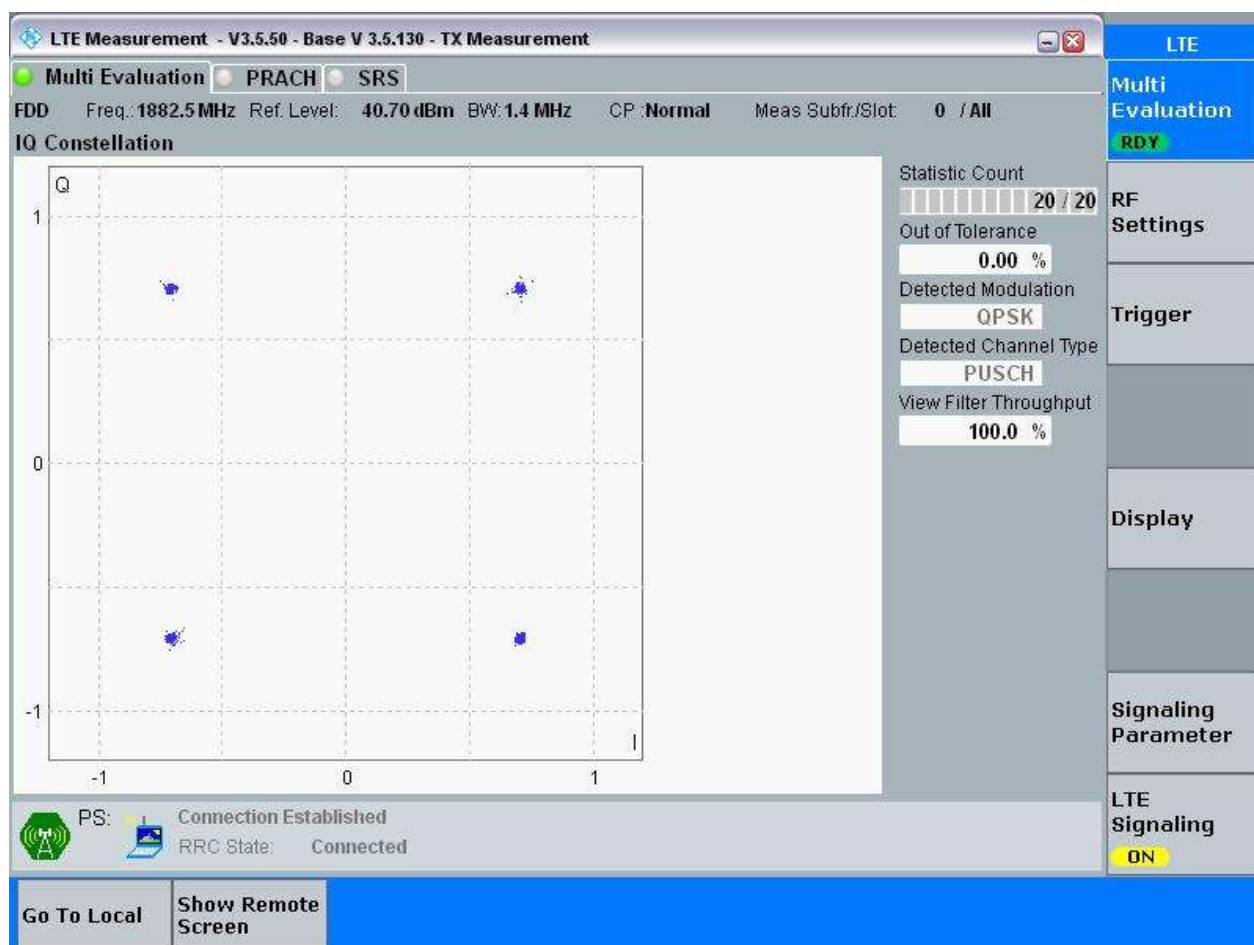
3.1.1 Test Band = BAND25

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

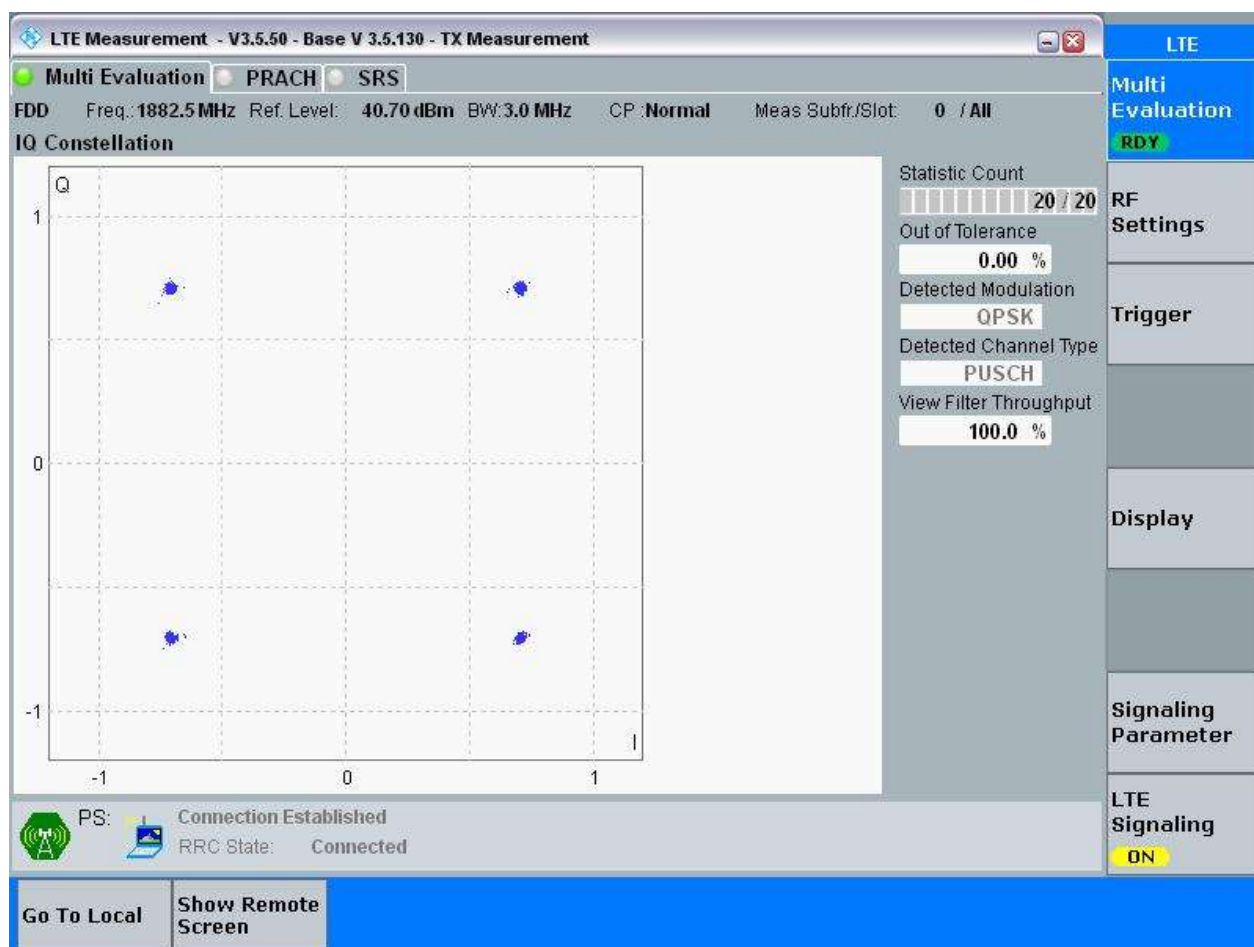
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

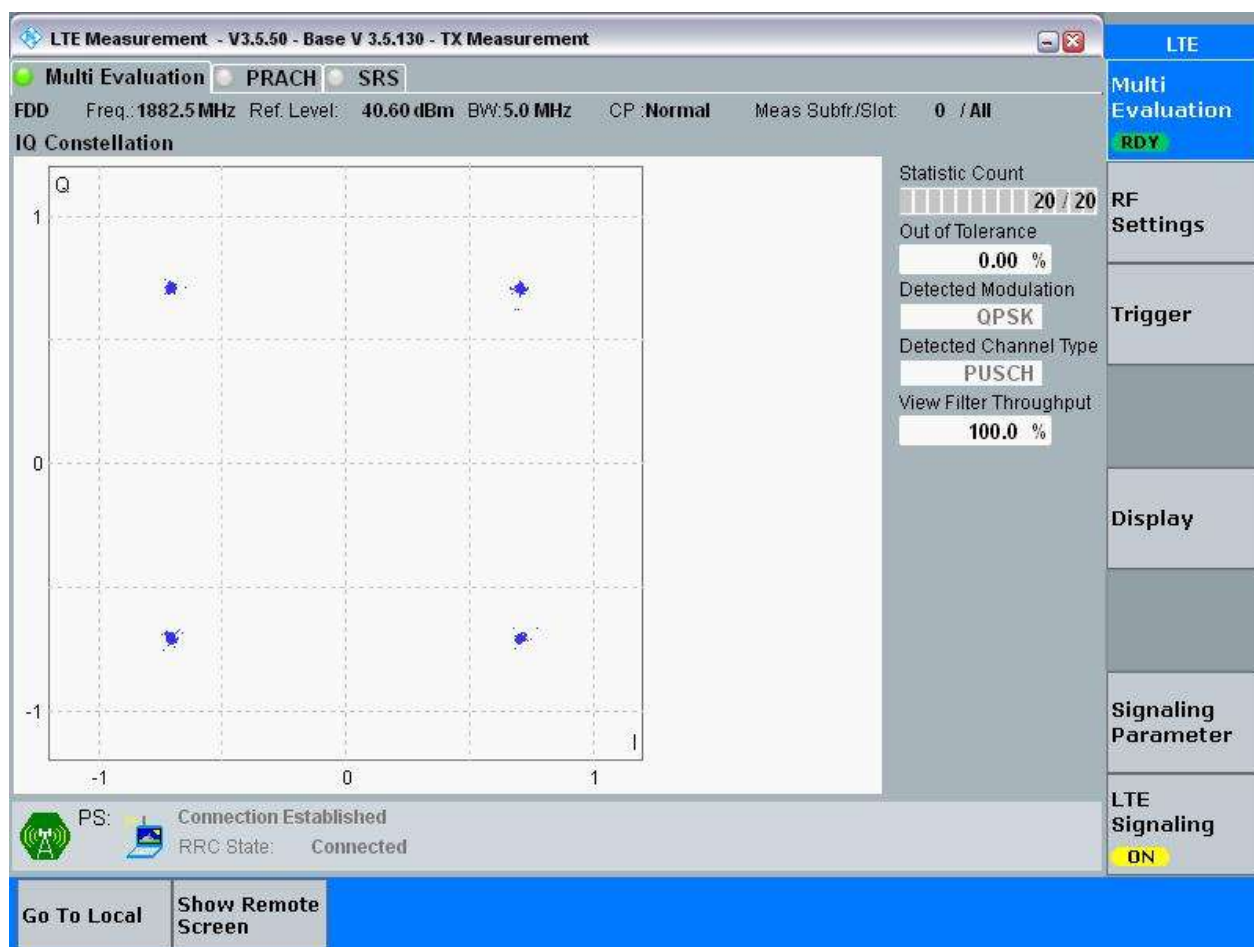
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

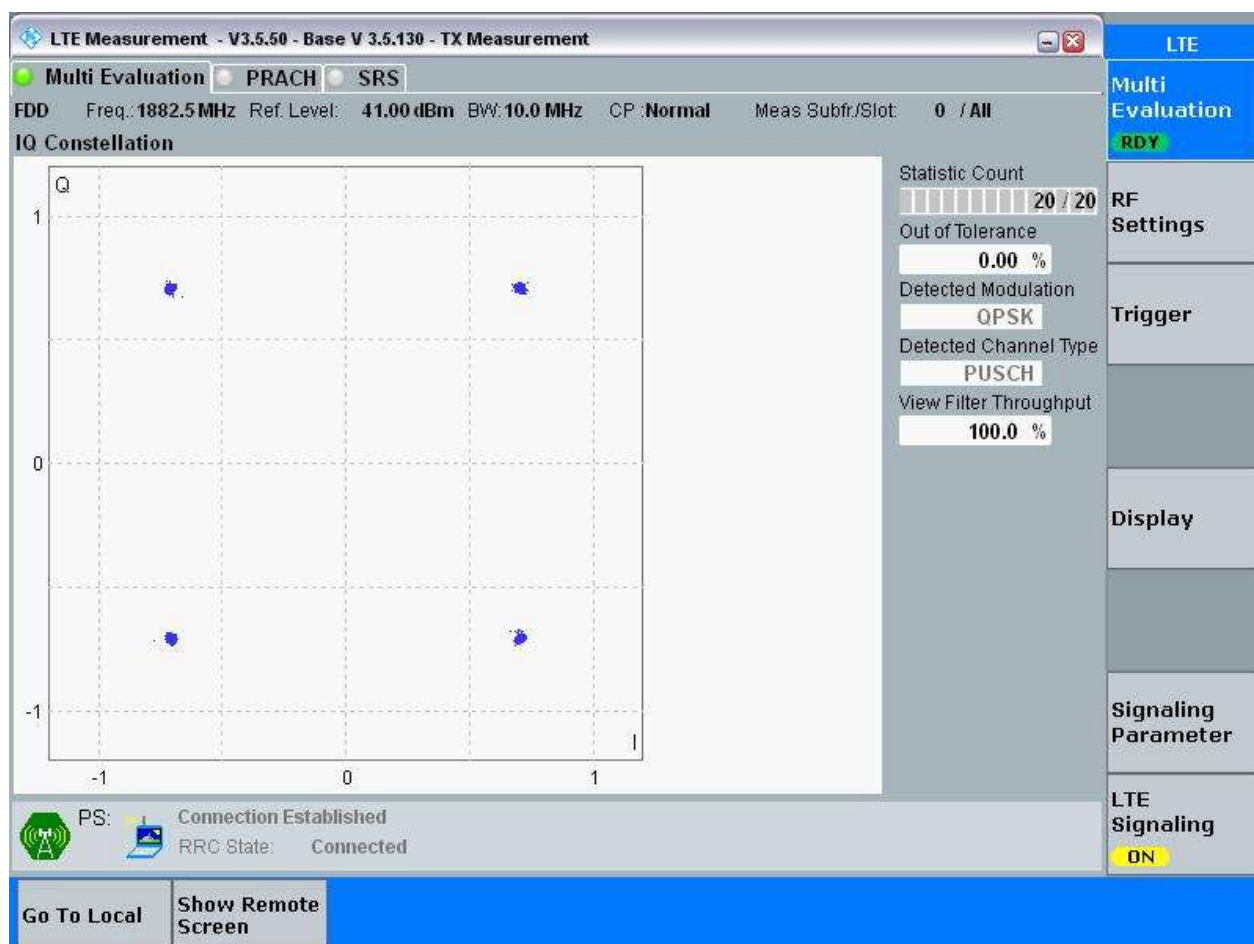
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

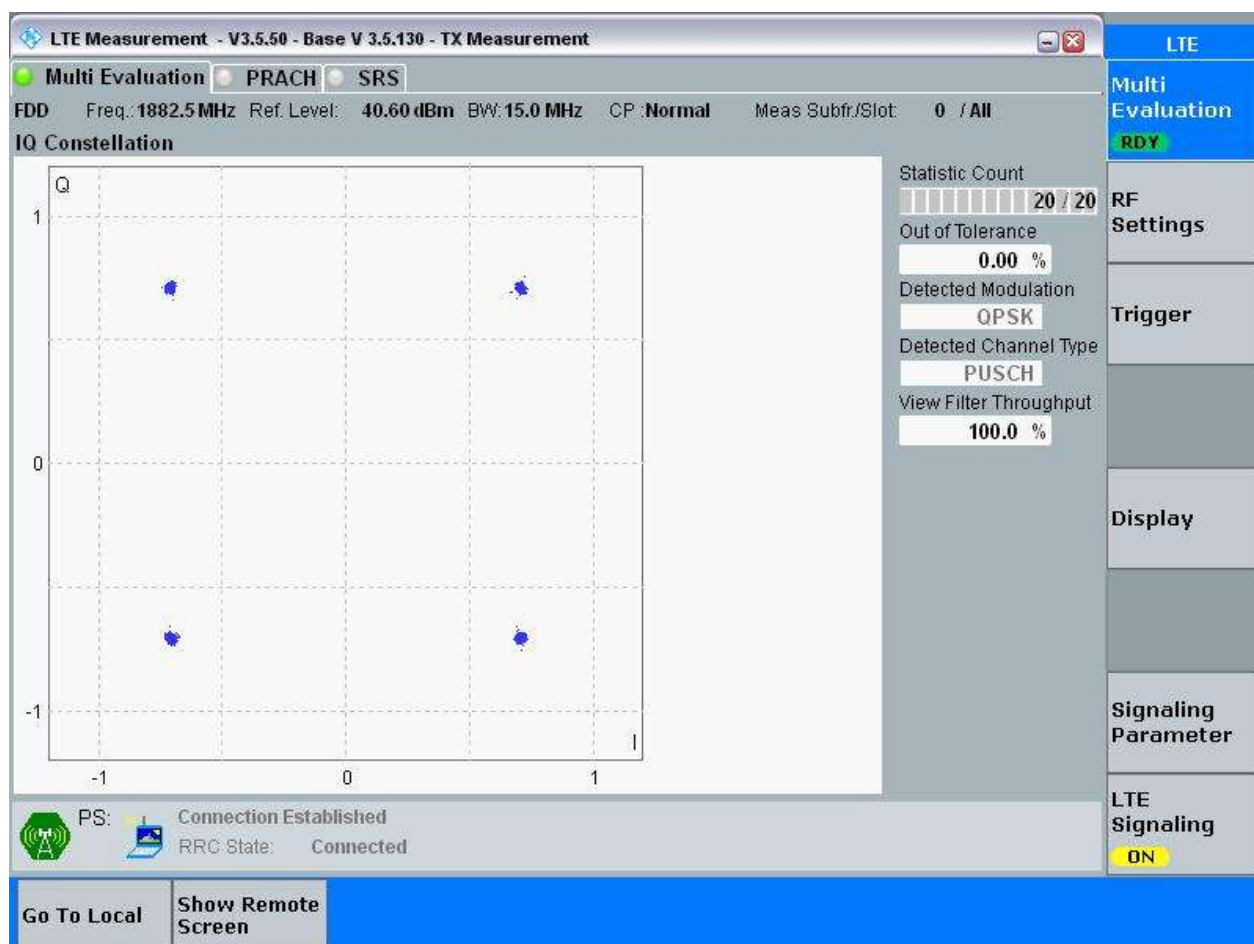
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

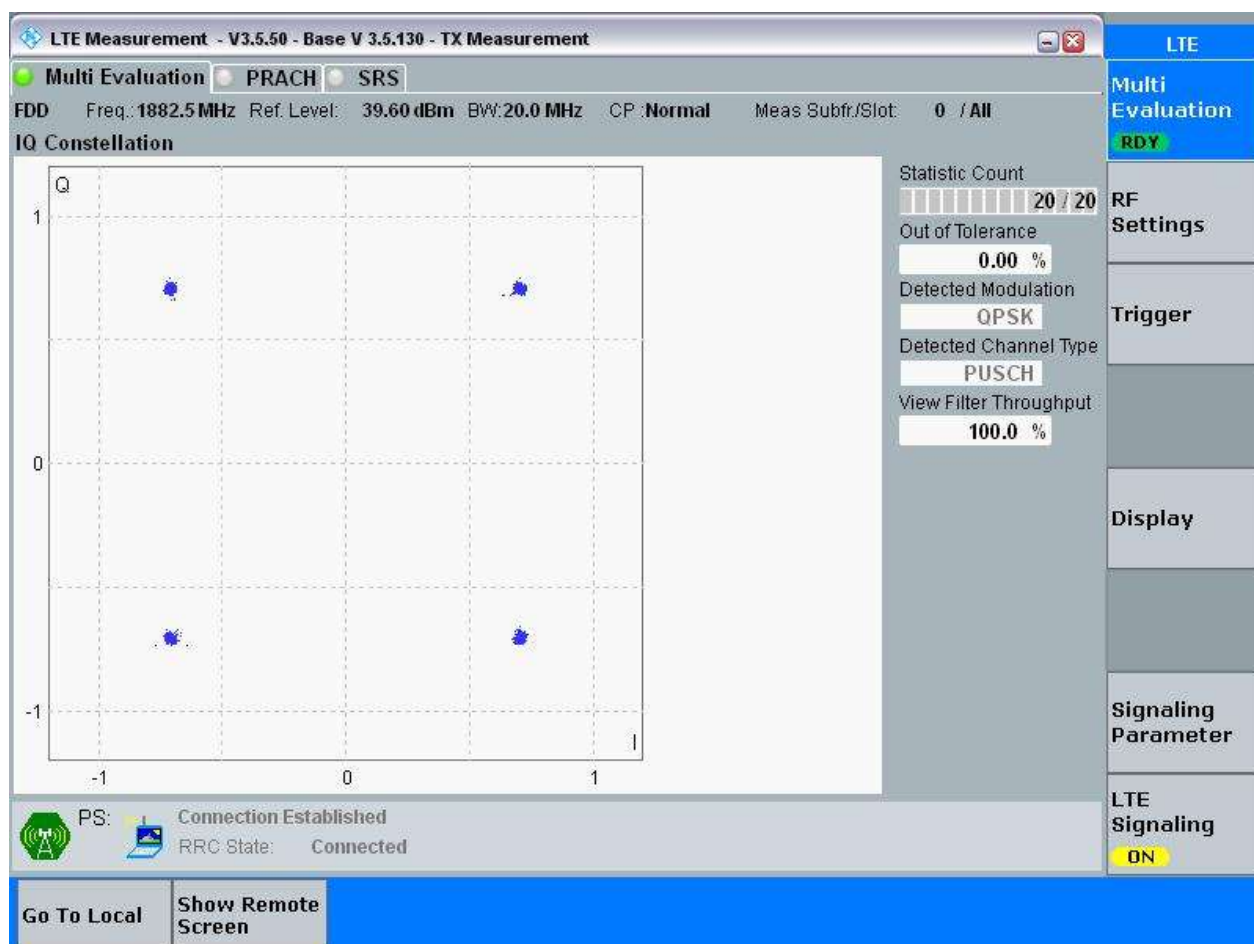
3.1.1.1.5.1.1 Test RB = RB75#0



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

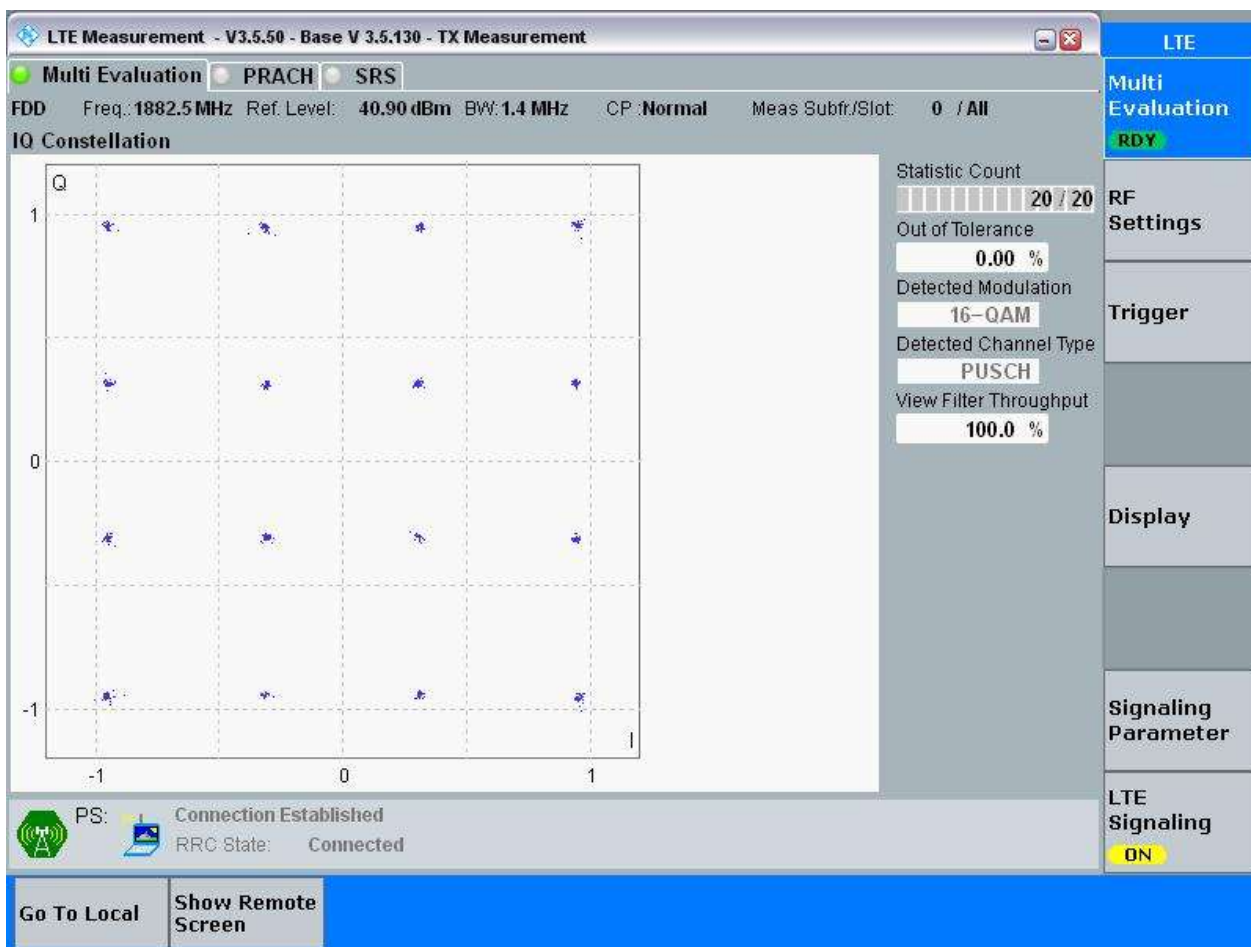


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

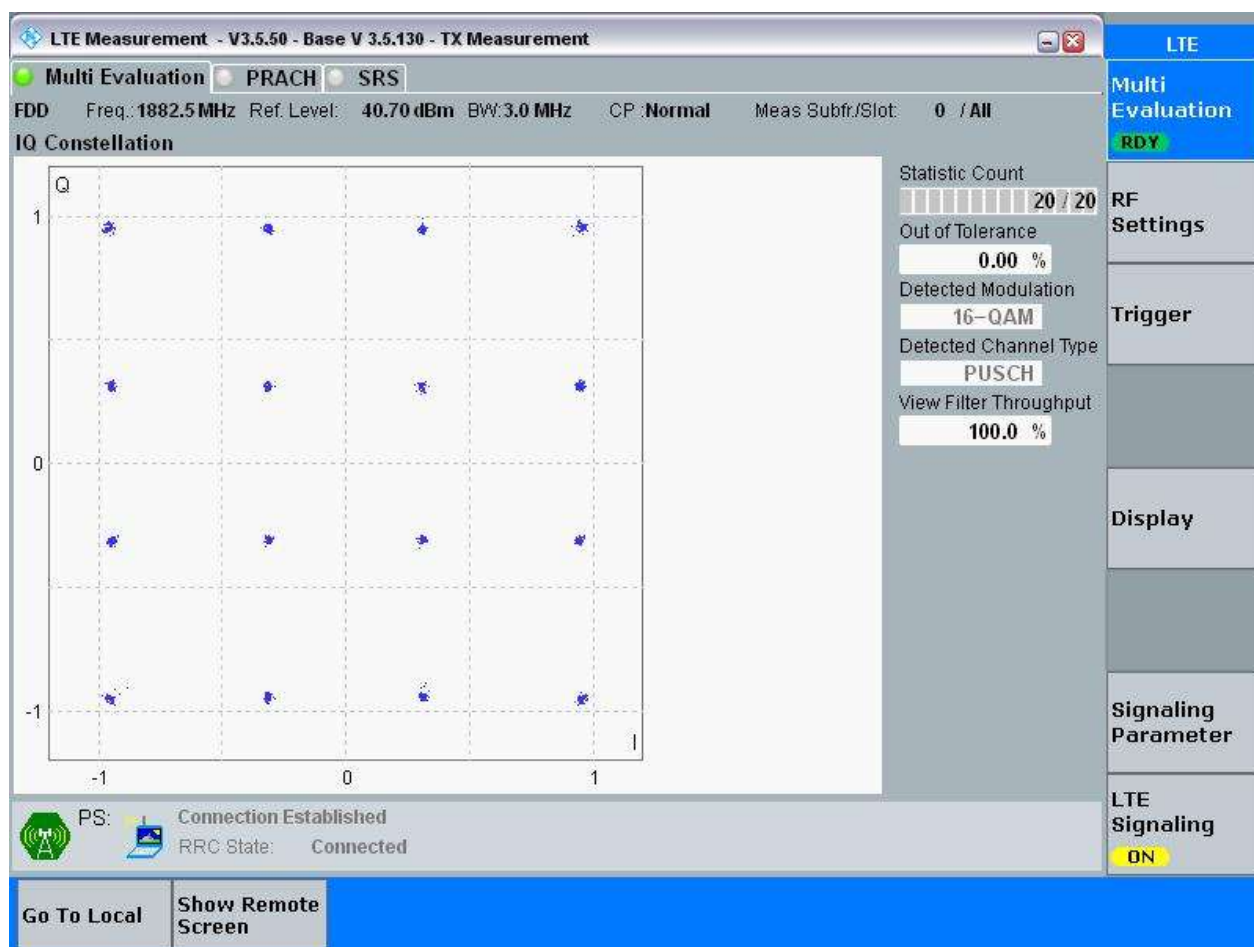
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

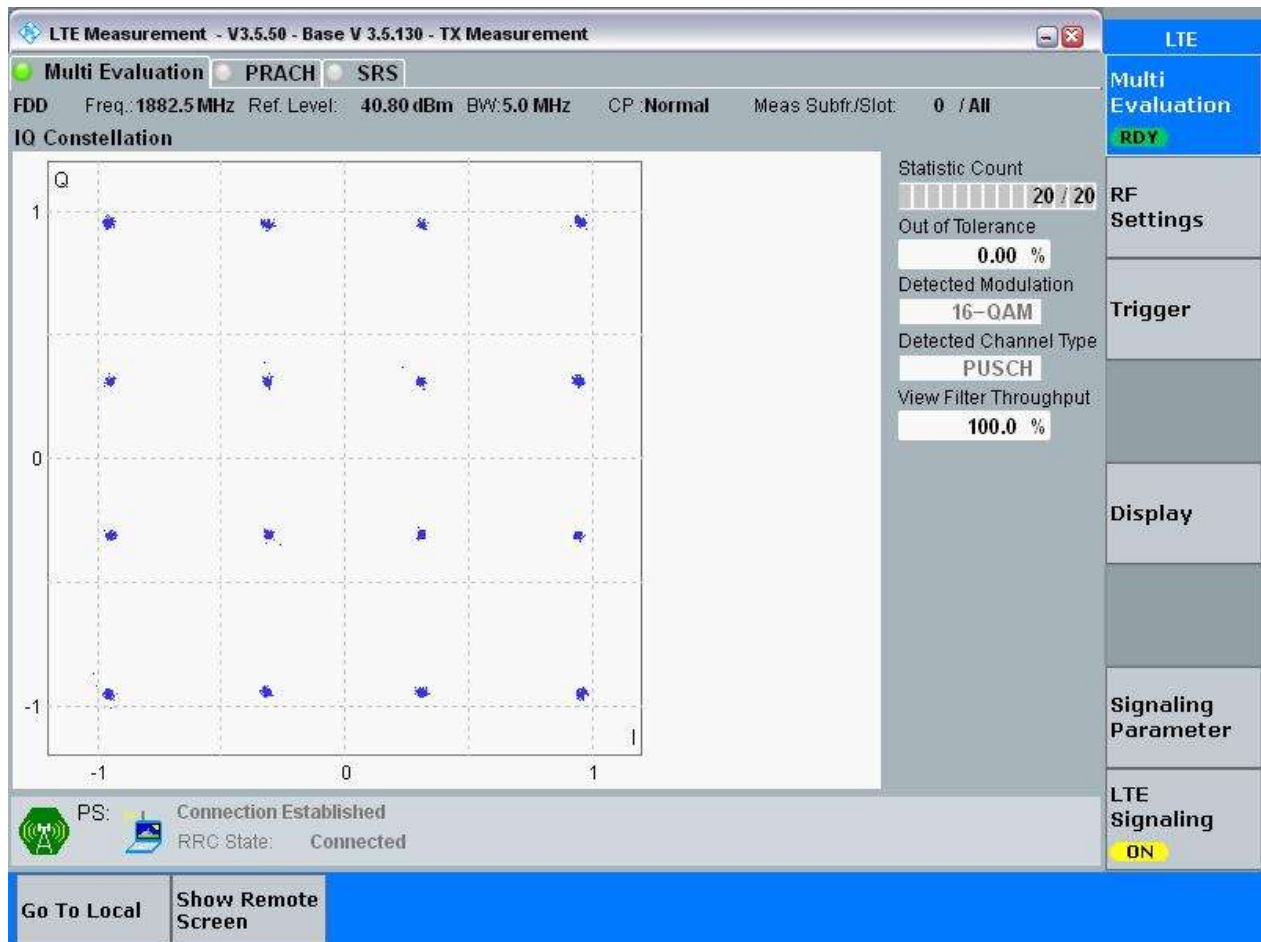
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

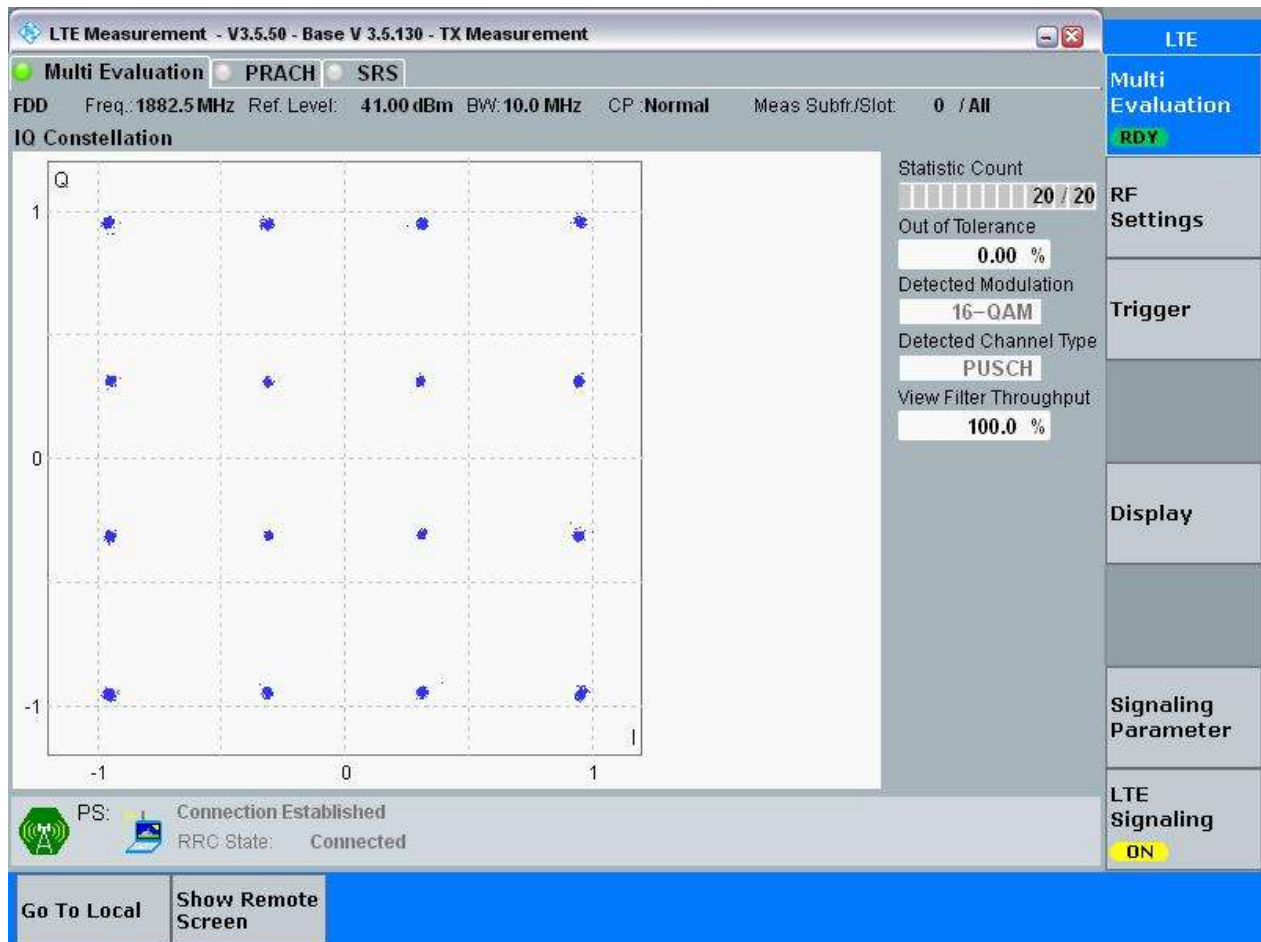
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

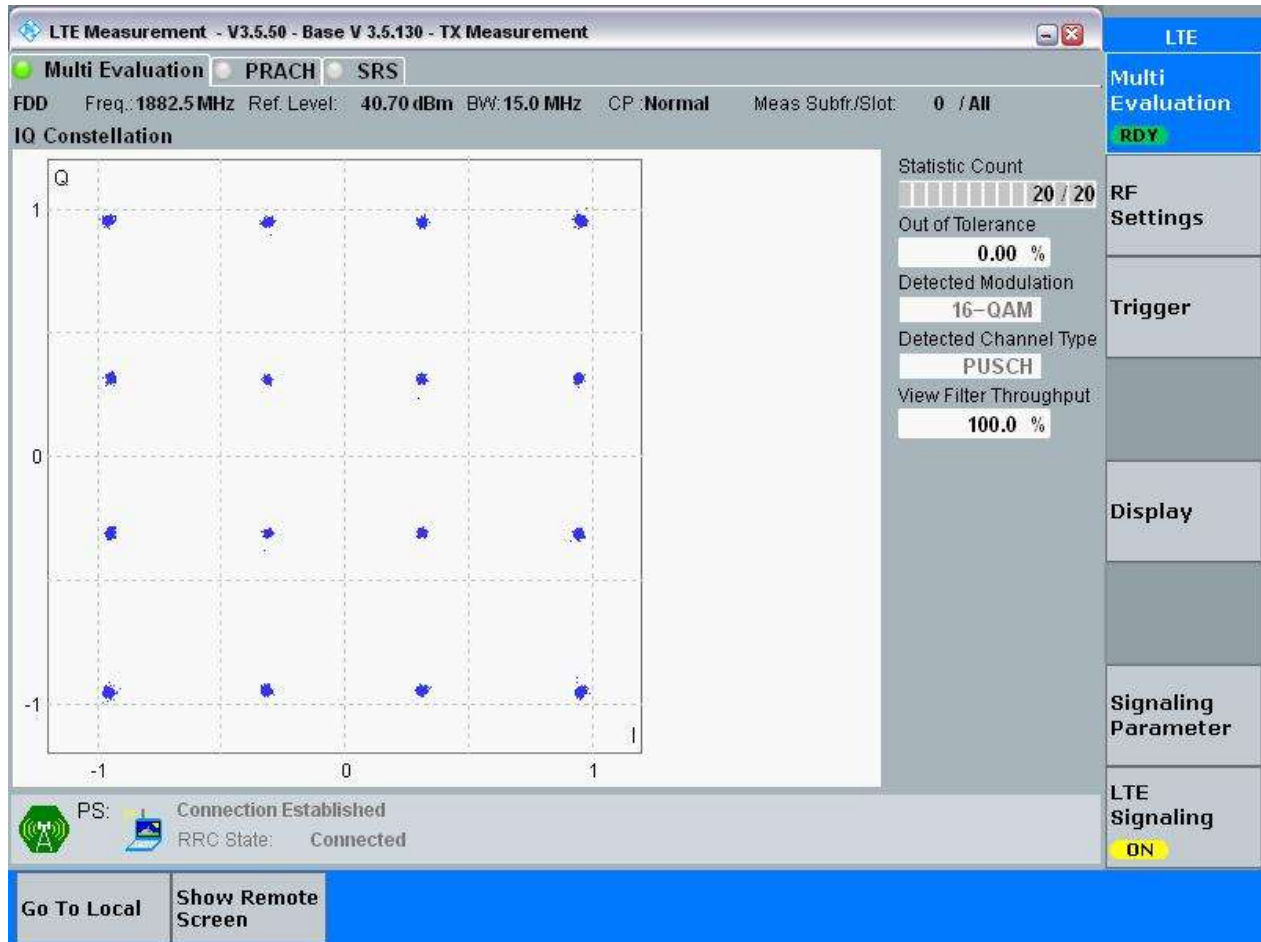
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

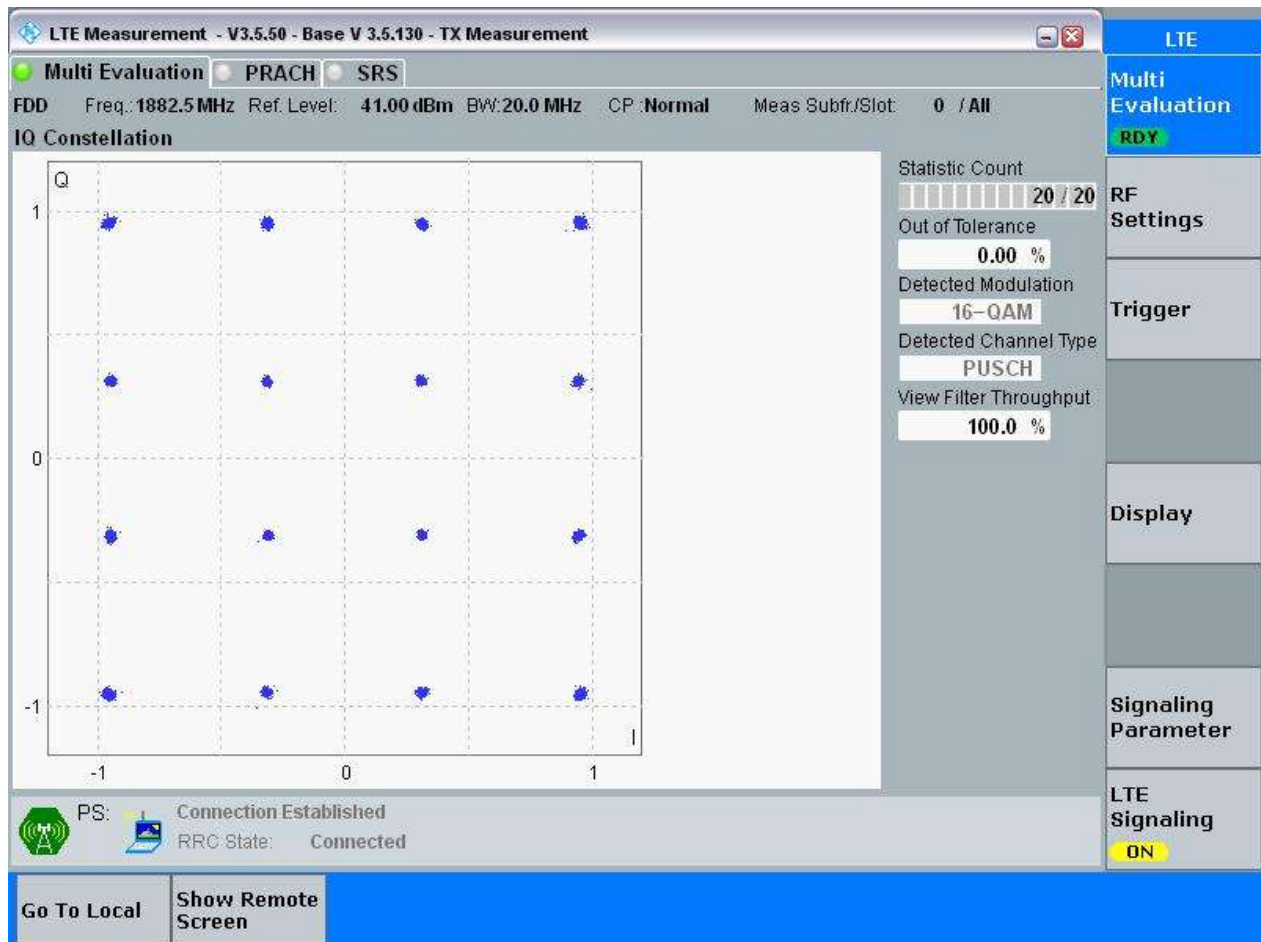
3.1.1.2.5.1.1 Test RB = RB75#0



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
BAND25	LTE/TM1	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	9.02	9.92	Pass
			MCH	RB50#0	9.01	9.94	Pass
			HCH	RB50#0	9.00	9.95	Pass
		15	LCH	RB75#0	13.54	15.04	Pass
			MCH	RB75#0	13.54	15.06	Pass
			HCH	RB75#0	13.57	15.06	Pass
		20	LCH	RB100#0	18.02	20.77	Pass
			MCH	RB100#0	18.05	19.82	Pass
			HCH	RB100#0	18.03	19.76	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.99	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.53	4.99	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.51	4.94	Pass
		10	LCH	RB50#0	9.03	9.94	Pass
			MCH	RB50#0	9.01	9.96	Pass
			HCH	RB50#0	9.01	9.93	Pass
		15	LCH	RB75#0	13.58	15.01	Pass
			MCH	RB75#0	13.54	15.02	Pass
			HCH	RB75#0	13.56	15.06	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	18.01	19.77	Pass
			MCH	RB100#0	18.04	19.88	Pass
			HCH	RB100#0	18.10	20.29	Pass



Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = BAND25

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

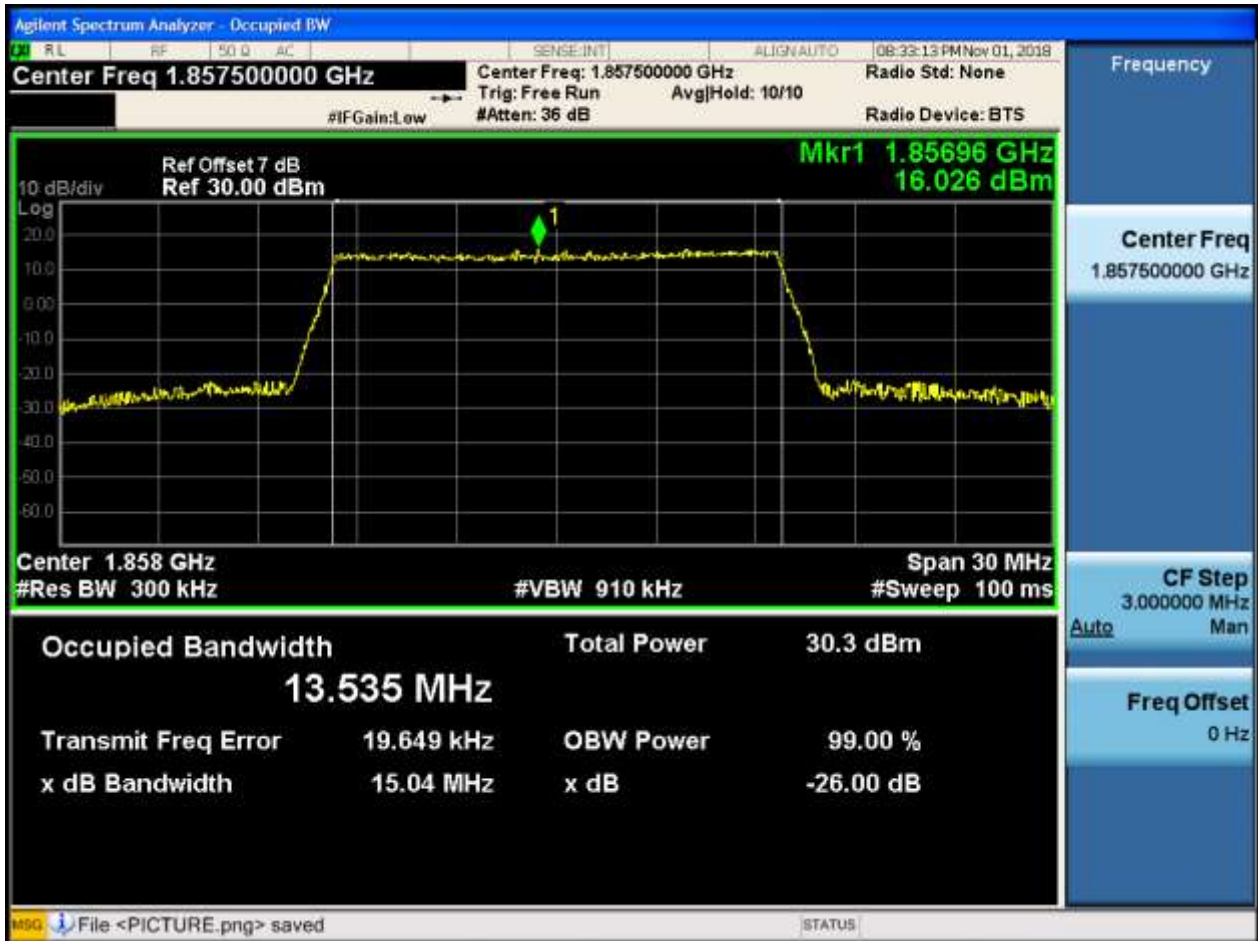




4.1.1.1.5 Test Bandwidth = 15

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

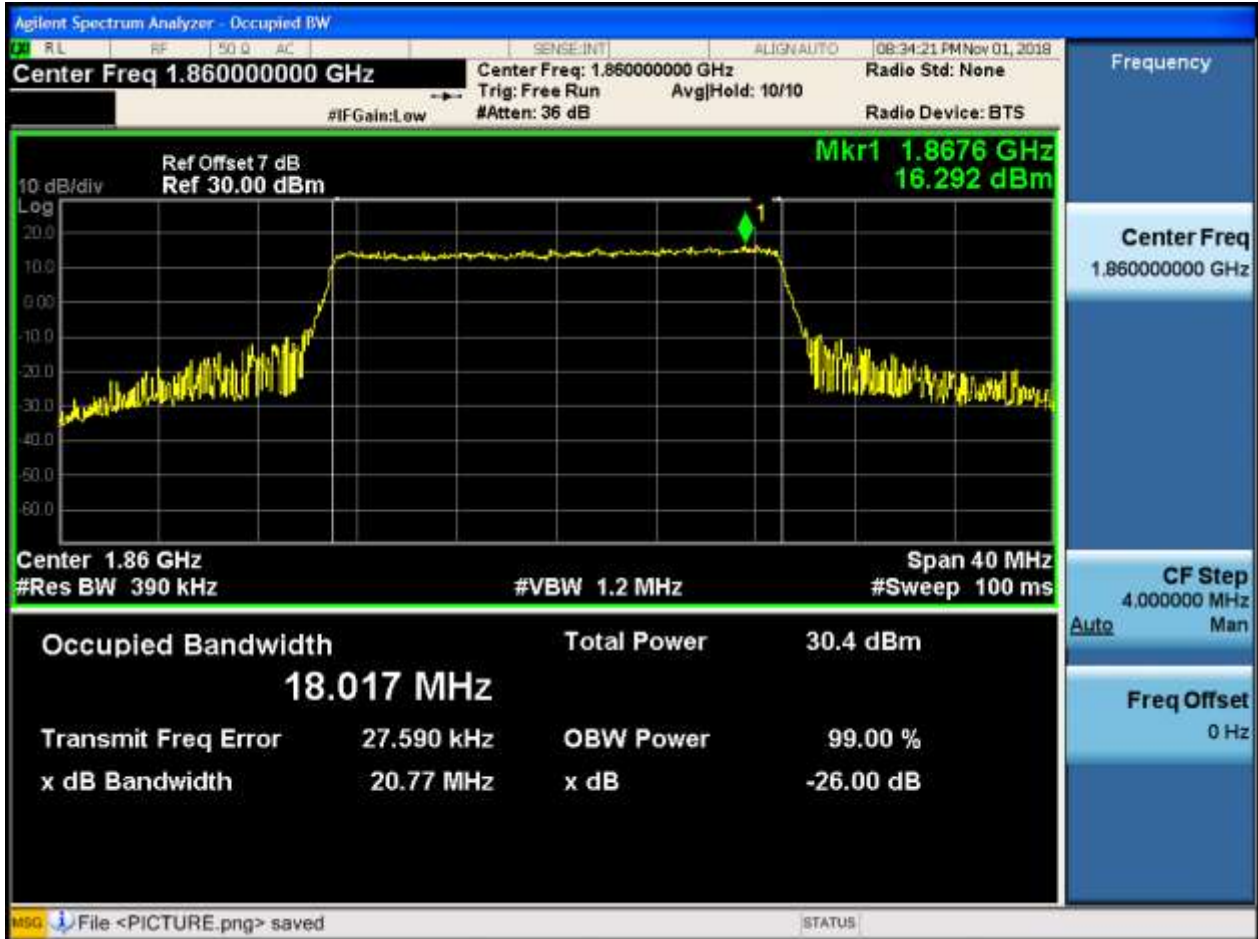




4.1.1.1.6 Test Bandwidth = 20

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

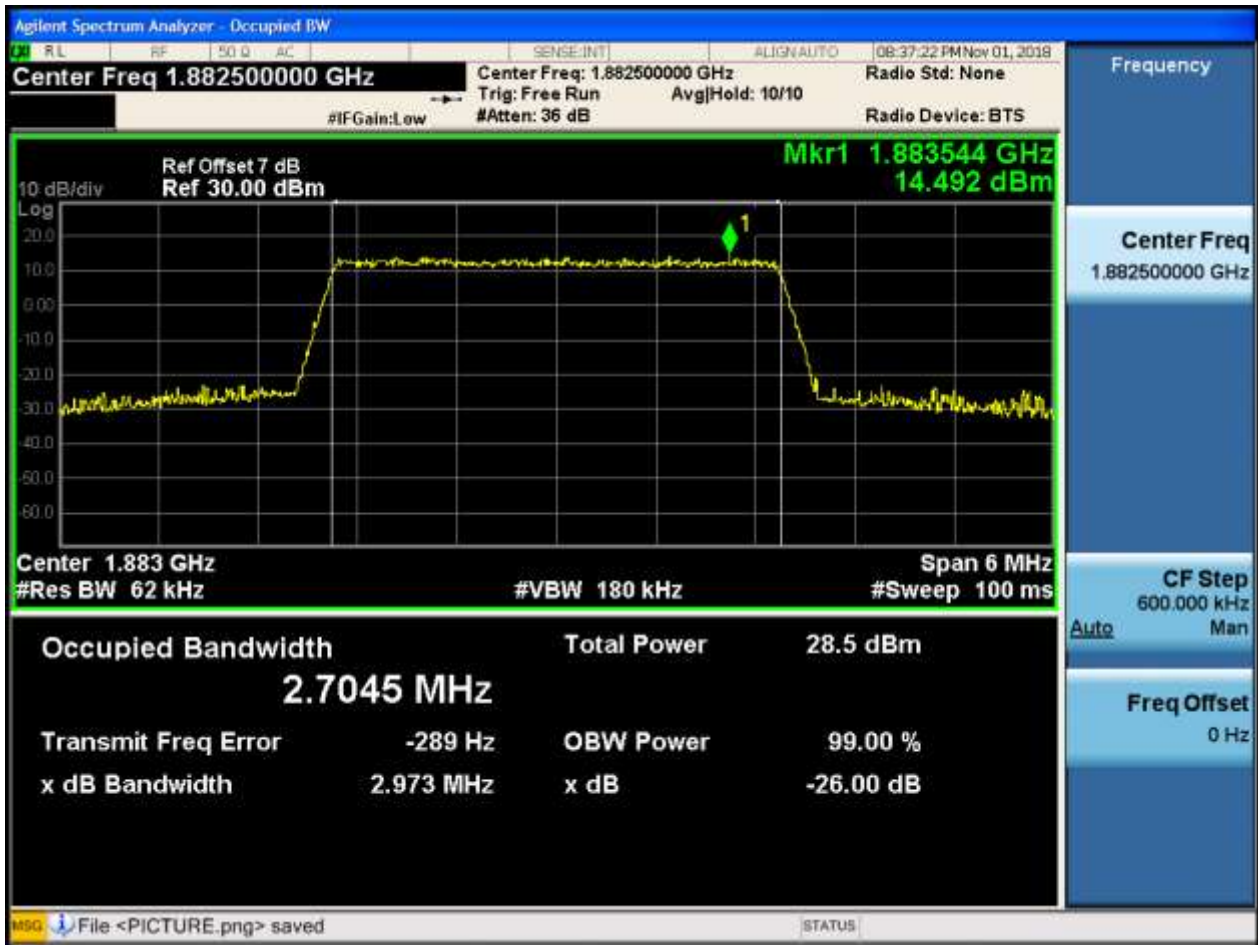
4.1.1.2.2.1.1 Test RB = RB15#0





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

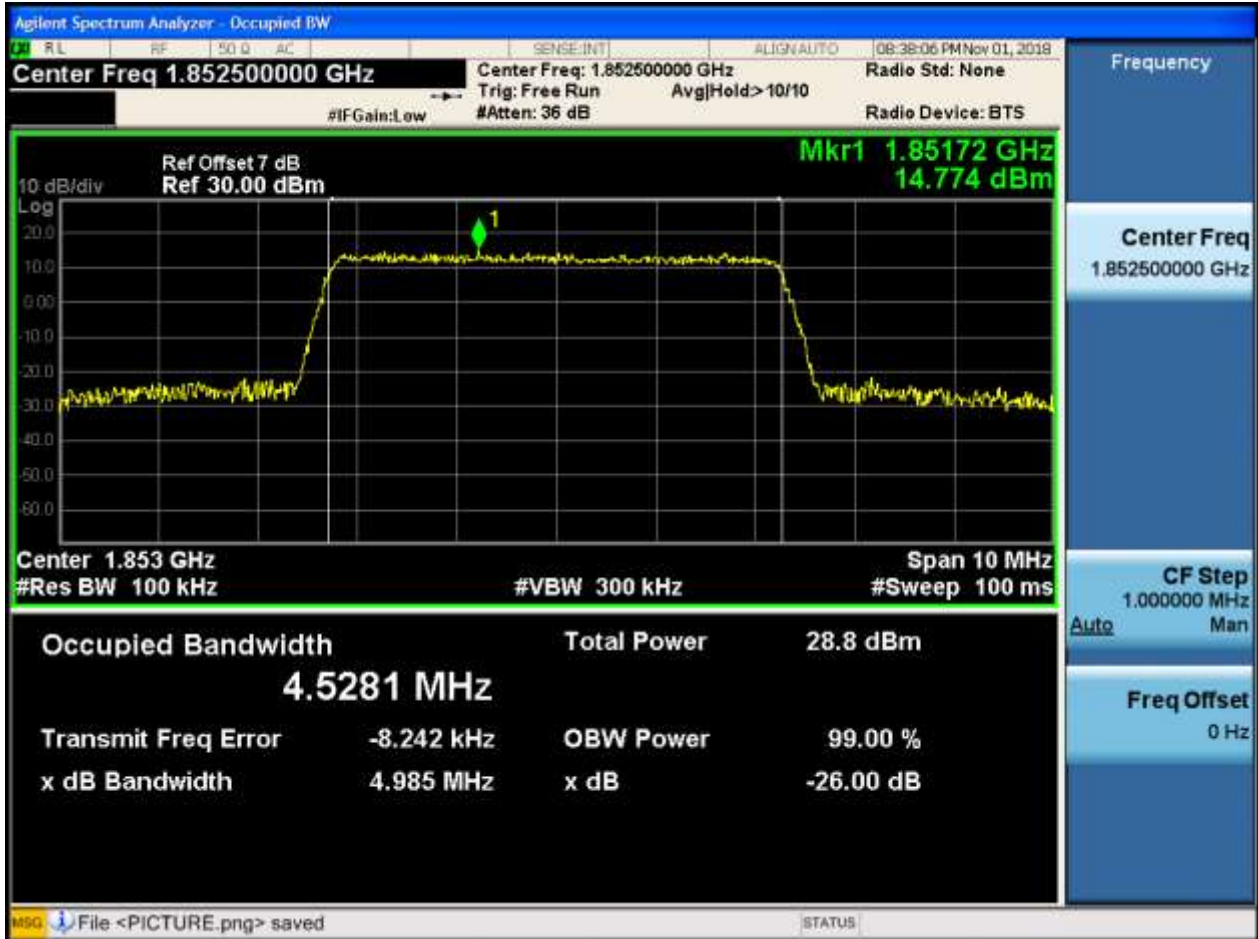




4.1.1.2.3 Test Bandwidth = 5

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

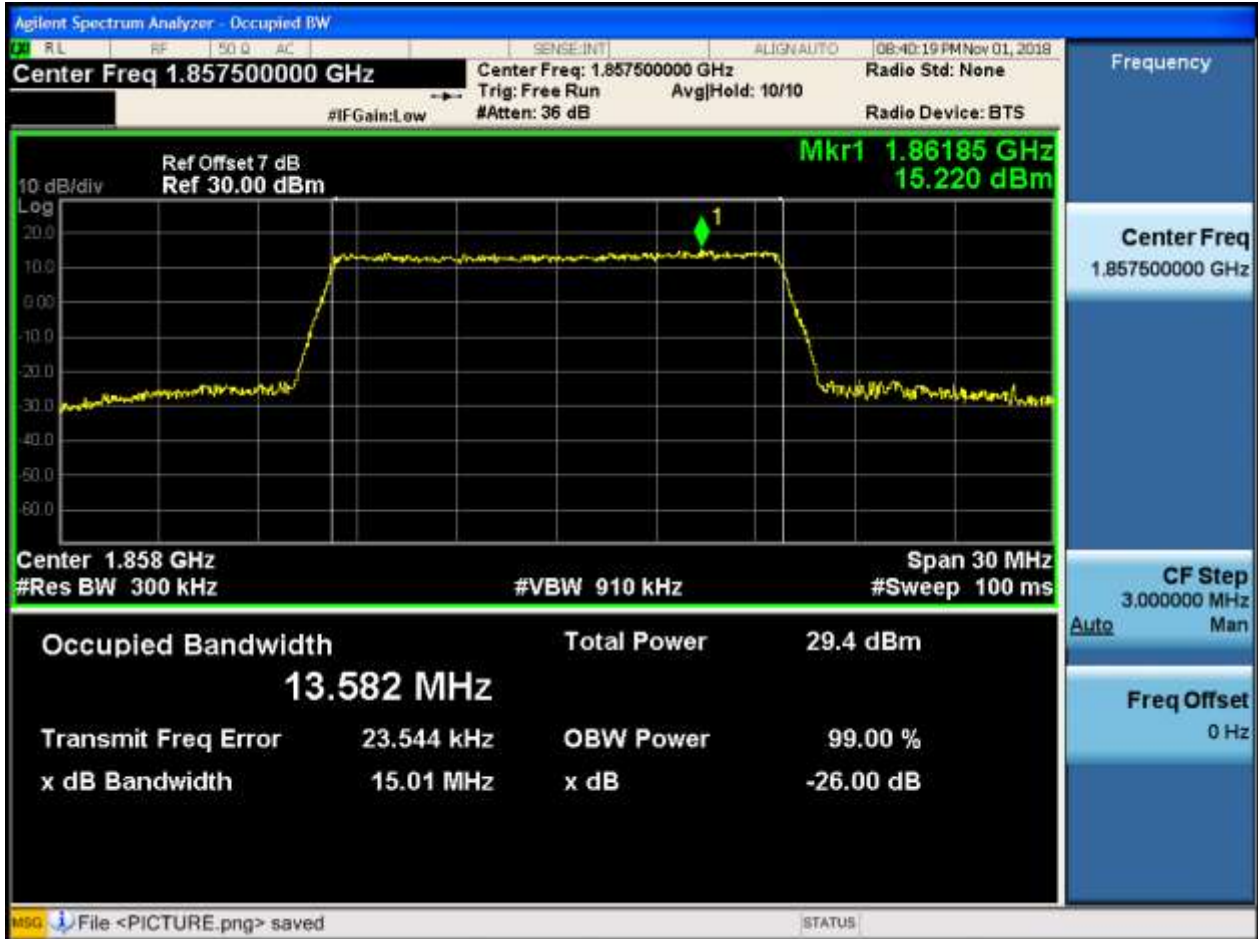




4.1.1.2.5 Test Bandwidth = 15

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 = BAND25

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





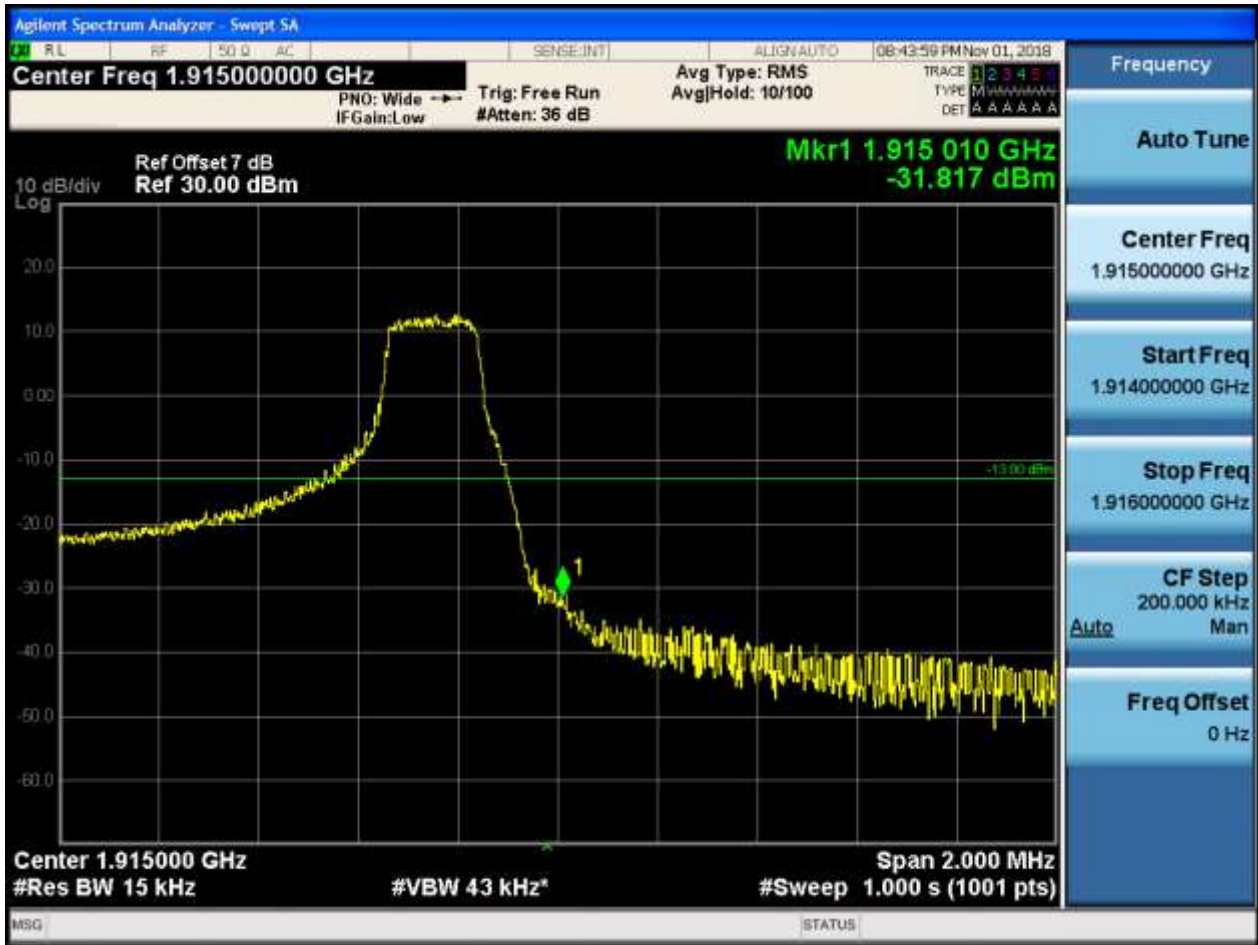
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91500000 GHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.915 060 GHz
-34.989 dBm

Center 1.915000 GHz
#Res BW 15 kHz
#VBW 43 kHz
#Sweep 1.000 s (1001 pts)

Span 2.000 MHz

Auto Tune

Center Freq 1.91500000 GHz

Start Freq 1.914000000 GHz

Stop Freq 1.916000000 GHz

CF Step 200.000 kHz
Auto Man

Freq Offset 0 Hz



5.1.1.1.1.2.4 Test RB = RB6#0

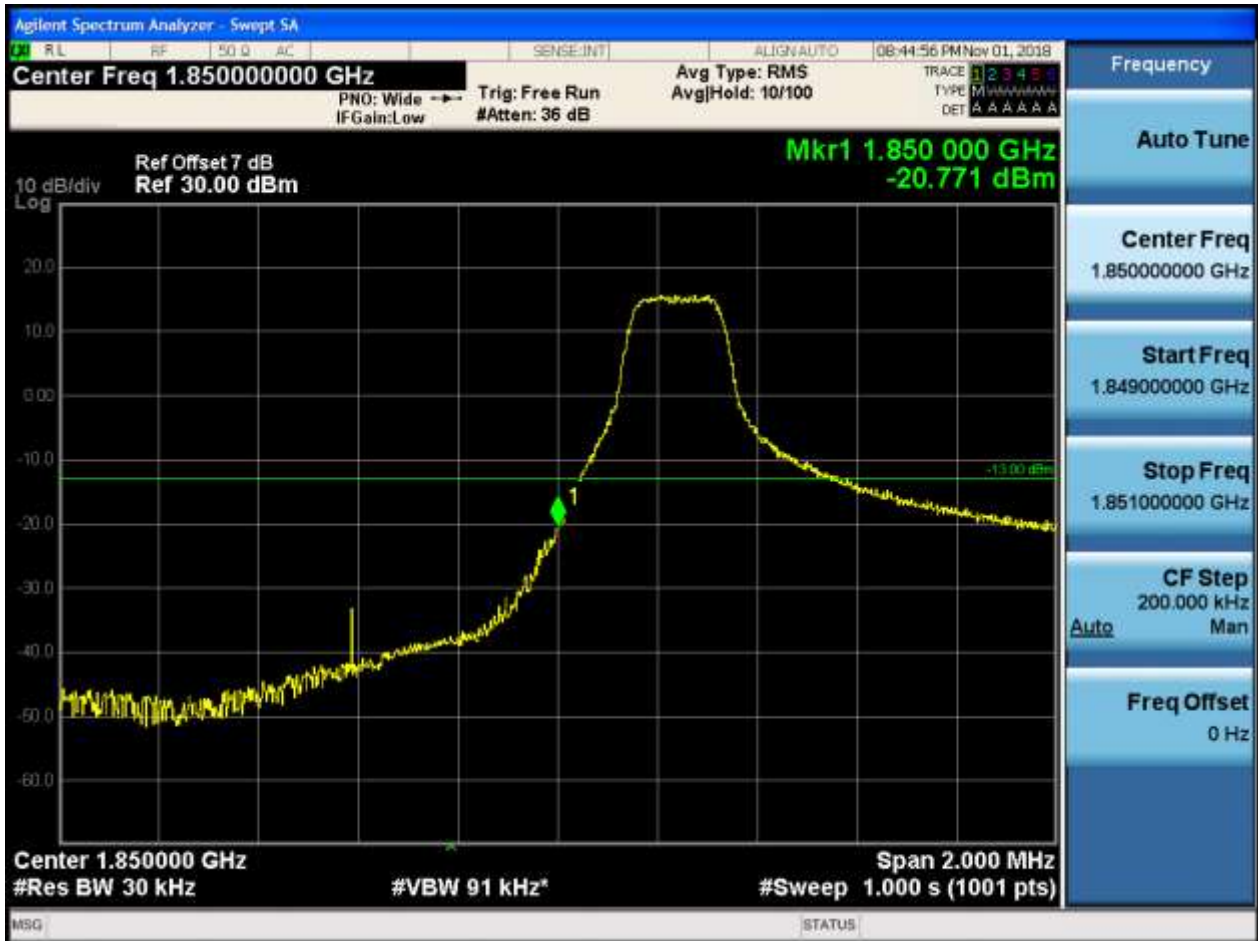




5.1.1.1.2 Test Bandwidth = 3

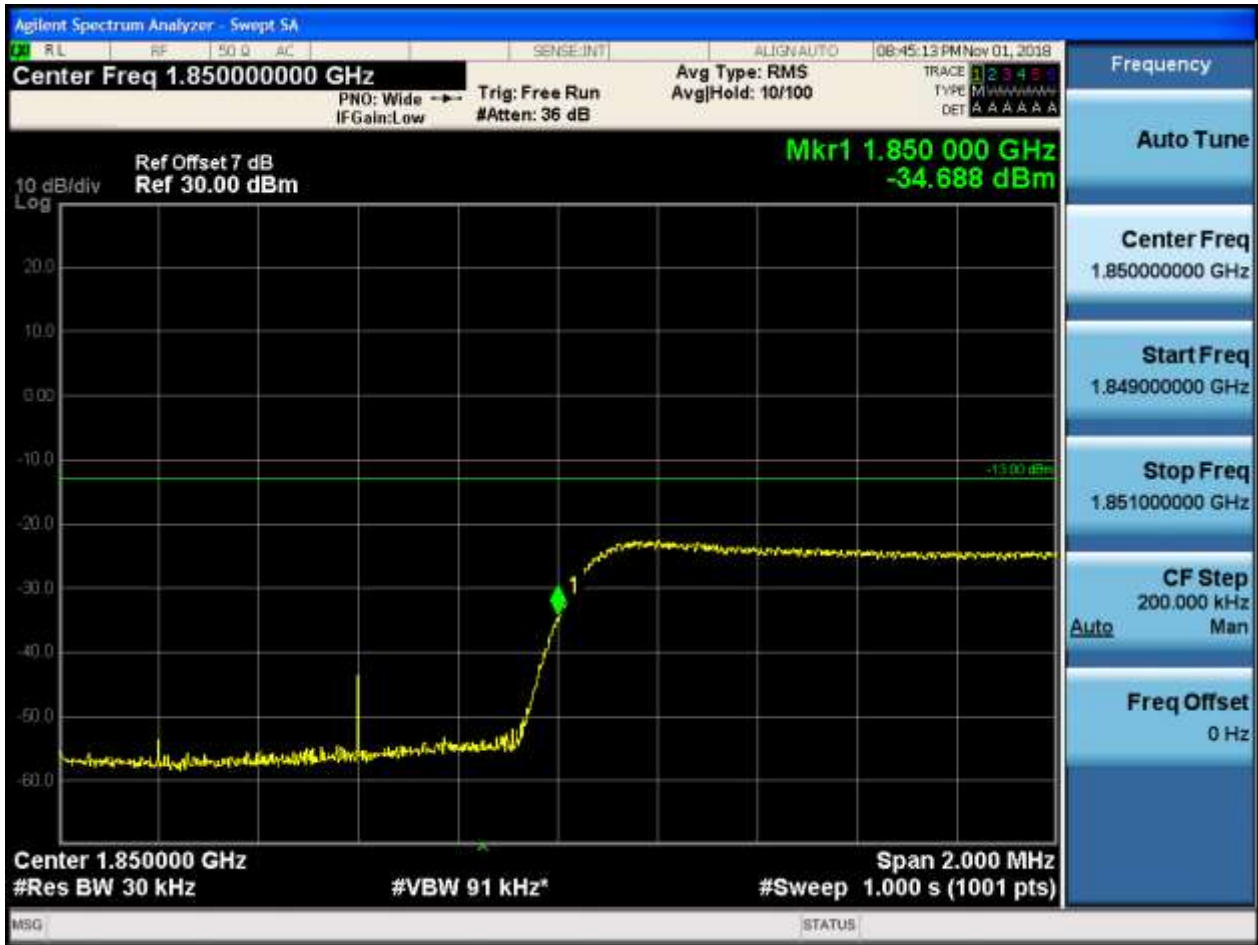
5.1.1.1.2.1 Test Channel = LCH

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





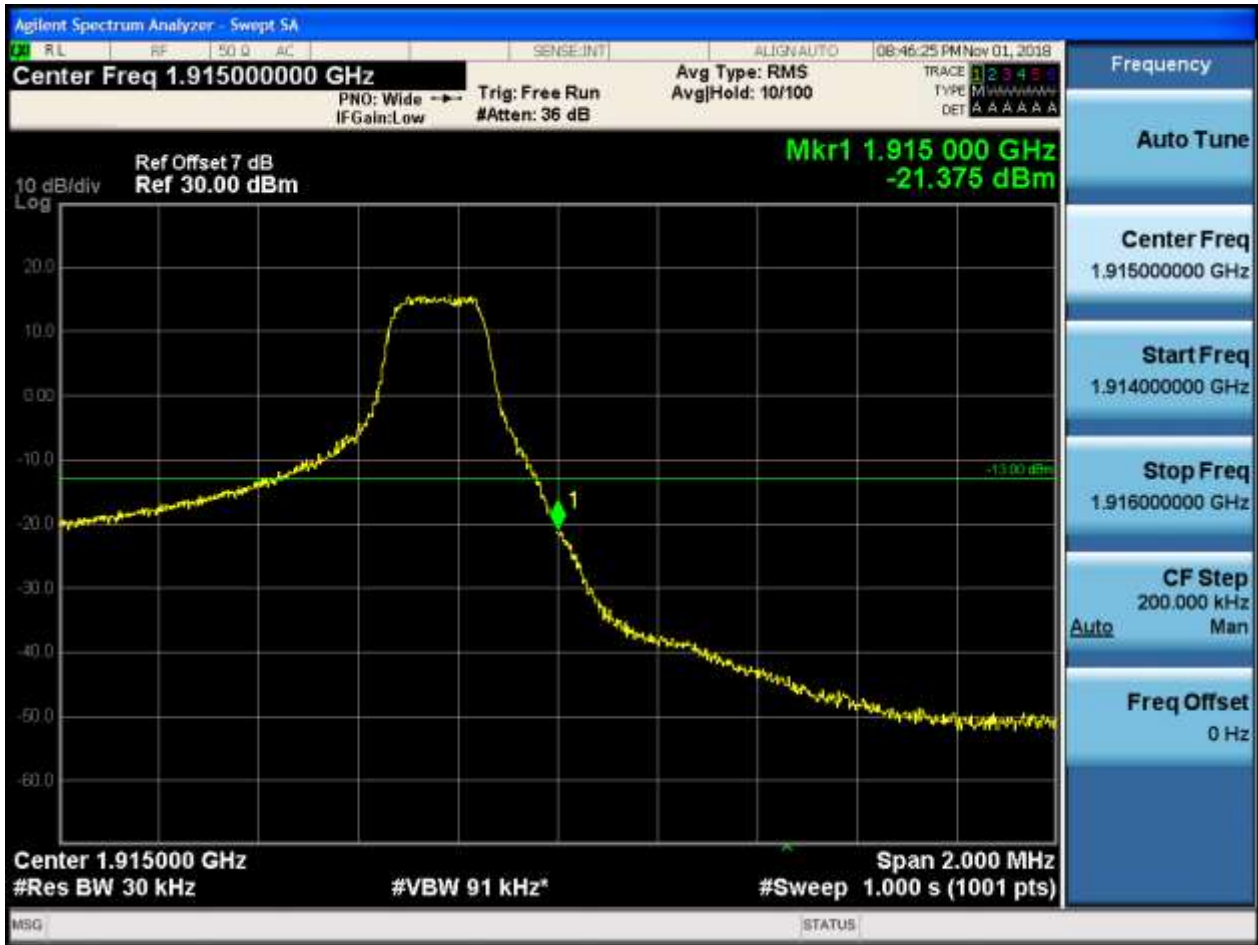
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 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





5.1.1.1.5.1.1 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

