



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	23.04	20.73	33	PASS
				RB1#3	22.8	20.58	33	PASS
				RB1#5	23.02	20.76	33	PASS
				RB3#0	23.03	20.80	33	PASS
				RB3#2	22.72	20.52	33	PASS
				RB3#3	23.05	20.93	33	PASS
				RB6#0	22.04	19.91	33	PASS
			MCH	RB1#0	23.27	20.93	33	PASS
				RB1#3	22.87	20.66	33	PASS
				RB1#5	23.26	21.11	33	PASS
				RB3#0	23.23	20.91	33	PASS
				RB3#2	22.98	20.92	33	PASS
				RB3#3	23	20.74	33	PASS
				RB6#0	22.05	19.87	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.1	21.04	33	PASS
				RB1#3	22.87	20.59	33	PASS
				RB1#5	23.04	20.72	33	PASS
				RB3#0	23.06	20.90	33	PASS
				RB3#2	22.95	20.63	33	PASS
				RB3#3	22.79	20.51	33	PASS
				RB6#0	22.03	19.74	33	PASS
		3	LCH	RB1#0	23.13	20.98	33	PASS
				RB1#7	22.18	19.84	33	PASS
				RB1#14	23.03	20.89	33	PASS
				RB8#0	22.03	19.81	33	PASS
				RB8#4	21.99	19.81	33	PASS
				RB8#7	21.96	19.88	33	PASS
				RB15#0	22.01	19.77	33	PASS
			MCH	RB1#0	23.01	20.96	33	PASS
				RB1#7	22.65	20.35	33	PASS
				RB1#14	23.01	20.96	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB8#0	22.16	19.96	33	PASS
				RB8#4	22.15	20.05	33	PASS
				RB8#7	22.1	19.92	33	PASS
				RB15#0	22.11	19.98	33	PASS
			HCH	RB1#0	23	20.92	33	PASS
				RB1#7	22.13	19.79	33	PASS
				RB1#14	22.87	20.80	33	PASS
				RB8#0	21.95	19.88	33	PASS
				RB8#4	22.08	19.93	33	PASS
				RB8#7	21.98	19.80	33	PASS
				RB15#0	22.07	19.99	33	PASS
		5	LCH	RB1#0	23.09	20.85	33	PASS
				RB1#13	23.09	20.92	33	PASS
				RB1#24	23.09	20.83	33	PASS
				RB12#0	22.16	20.06	33	PASS
				RB12#6	22.15	20.07	33	PASS
				RB12#13	22.13	19.80	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#0	22.18	19.89	33	PASS
			MCH	RB1#0	22.96	20.88	33	PASS
				RB1#13	23.1	21.03	33	PASS
				RB1#24	23	20.86	33	PASS
				RB12#0	22.07	19.75	33	PASS
				RB12#6	21.94	19.65	33	PASS
				RB12#13	22.01	19.90	33	PASS
				RB25#0	22.02	19.79	33	PASS
			HCH	RB1#0	23.11	20.85	33	PASS
				RB1#13	23.18	20.98	33	PASS
				RB1#24	23.02	20.96	33	PASS
				RB12#0	22.02	19.82	33	PASS
				RB12#6	21.97	19.90	33	PASS
				RB12#13	22.01	19.79	33	PASS
				RB25#0	21.97	19.73	33	PASS
		10	LCH	RB1#0	23.08	20.99	33	PASS
				RB1#25	22.74	20.50	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#49	23.07	20.95	33	PASS
				RB25#0	22.04	19.93	33	PASS
				RB25#13	22.01	19.75	33	PASS
				RB25#25	21.99	19.66	33	PASS
				RB50#0	22.01	19.93	33	PASS
			MCH	RB1#0	23.02	20.88	33	PASS
				RB1#25	22.99	20.75	33	PASS
				RB1#49	23.26	20.95	33	PASS
				RB25#0	22.18	20.12	33	PASS
				RB25#13	22.12	20.04	33	PASS
				RB25#25	22.01	19.69	33	PASS
				RB50#0	22.09	19.77	33	PASS
			HCH	RB1#0	23.25	21.08	33	PASS
				RB1#25	22.95	20.65	33	PASS
				RB1#49	23	20.85	33	PASS
				RB25#0	22.11	19.86	33	PASS
				RB25#13	21.96	19.80	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#25	22.1	19.79	33	PASS
				RB50#0	22.11	19.96	33	PASS
		15	LCH	RB1#0	22.99	20.70	33	PASS
				RB1#38	23.04	20.76	33	PASS
				RB1#74	23.04	20.97	33	PASS
				RB38#0	22.06	19.93	33	PASS
				RB38#19	22.05	20.00	33	PASS
				RB38#39	22.01	19.90	33	PASS
				RB75#0	22.03	19.74	33	PASS
			MCH	RB1#0	22.92	20.76	33	PASS
				RB1#38	23.05	20.73	33	PASS
				RB1#74	22.94	20.89	33	PASS
				RB38#0	22.19	19.85	33	PASS
				RB38#19	22.12	19.99	33	PASS
				RB38#39	22.1	19.85	33	PASS
				RB75#0	22.13	19.90	33	PASS
			HCH	RB1#0	22.98	20.90	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#38	23.16	20.96	33	PASS
				RB1#74	23	20.80	33	PASS
				RB38#0	22.01	19.72	33	PASS
				RB38#19	22.09	19.95	33	PASS
				RB38#39	22.05	19.80	33	PASS
				RB75#0	21.95	19.60	33	PASS
		20	LCH	RB1#0	23.18	20.95	33	PASS
				RB1#50	22.92	20.71	33	PASS
				RB1#99	23.16	21.06	33	PASS
				RB50#0	22.06	19.88	33	PASS
				RB50#25	21.99	19.74	33	PASS
				RB50#50	22.01	19.90	33	PASS
				RB100#0	21.99	19.73	33	PASS
			MCH	RB1#0	23.11	20.86	33	PASS
				RB1#50	22.91	20.58	33	PASS
				RB1#99	23.18	21.13	33	PASS
				RB50#0	22.11	19.77	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#25	22.01	19.91	33	PASS
				RB50#50	22.01	19.89	33	PASS
				RB100#0	22.03	19.97	33	PASS
			HCH	RB1#0	23.11	21.00	33	PASS
				RB1#50	22.91	20.77	33	PASS
				RB1#99	23.11	20.98	33	PASS
				RB50#0	22.09	19.81	33	PASS
				RB50#25	21.98	19.92	33	PASS
				RB50#50	22	19.76	33	PASS
				RB100#0	22.11	19.92	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.26	19.95	33	PASS
				RB1#3	22.13	19.78	33	PASS
				RB1#5	22.32	20.00	33	PASS
				RB3#0	21.99	19.70	33	PASS
				RB3#2	22	19.82	33	PASS
				RB3#3	22.03	19.77	33	PASS
				RB6#0	20.88	18.55	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.9	19.63	33	PASS
				RB1#3	21.68	19.45	33	PASS
				RB1#5	22.04	19.86	33	PASS
				RB3#0	22.1	19.77	33	PASS
				RB3#2	21.84	19.65	33	PASS
				RB3#3	21.94	19.69	33	PASS
				RB6#0	21.1	18.97	33	PASS
			HCH	RB1#0	22.18	20.08	33	PASS
				RB1#3	21.86	19.78	33	PASS
				RB1#5	22.23	20.13	33	PASS
				RB3#0	21.98	19.72	33	PASS
				RB3#2	21.84	19.64	33	PASS
				RB3#3	21.89	19.76	33	PASS
				RB6#0	20.96	18.66	33	PASS
		3	LCH	RB1#0	22.19	19.94	33	PASS
				RB1#7	21.89	19.79	33	PASS
				RB1#14	22.13	19.96	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB8#0	20.82	18.65	33	PASS
				RB8#4	20.99	18.71	33	PASS
				RB8#7	21.02	18.74	33	PASS
				RB15#0	20.89	18.79	33	PASS
			MCH	RB1#0	22.13	19.86	33	PASS
				RB1#7	21.64	19.54	33	PASS
				RB1#14	22.17	19.90	33	PASS
				RB8#0	20.92	18.73	33	PASS
				RB8#4	20.95	18.88	33	PASS
				RB8#7	20.86	18.77	33	PASS
				RB15#0	21.17	18.94	33	PASS
			HCH	RB1#0	22.31	20.10	33	PASS
				RB1#7	21.9	19.80	33	PASS
				RB1#14	22.13	19.91	33	PASS
				RB8#0	21.04	18.89	33	PASS
				RB8#4	21.05	18.83	33	PASS
				RB8#7	20.93	18.67	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
		5	LCH	RB15#0	20.96	18.80	33	PASS
				RB1#0	22.32	20.09	33	PASS
				RB1#13	22.18	20.13	33	PASS
				RB1#24	22.24	20.18	33	PASS
				RB12#0	21.04	18.96	33	PASS
				RB12#6	20.96	18.71	33	PASS
				RB12#13	21.06	18.80	33	PASS
				RB25#0	20.96	18.71	33	PASS
			MCH	RB1#0	22.25	20.16	33	PASS
				RB1#13	22.17	19.98	33	PASS
				RB1#24	22.25	20.04	33	PASS
				RB12#0	21.12	18.88	33	PASS
				RB12#6	21.12	19.00	33	PASS
				RB12#13	21.18	18.86	33	PASS
				RB25#0	21.14	18.93	33	PASS
			HCH	RB1#0	22.44	20.36	33	PASS
				RB1#13	22.42	20.33	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#24	22.34	20.15	33	PASS
				RB12#0	21.05	18.97	33	PASS
				RB12#6	21.01	18.88	33	PASS
				RB12#13	21.11	18.94	33	PASS
				RB25#0	20.98	18.83	33	PASS
		10	LCH	RB1#0	22.41	20.16	33	PASS
				RB1#25	21.59	19.53	33	PASS
				RB1#49	21.92	19.69	33	PASS
				RB25#0	21.16	18.92	33	PASS
				RB25#13	21.1	18.86	33	PASS
				RB25#25	21.12	19.02	33	PASS
				RB50#0	21.09	18.82	33	PASS
			MCH	RB1#0	22.29	19.96	33	PASS
				RB1#25	21.82	19.66	33	PASS
				RB1#49	22.24	20.09	33	PASS
				RB25#0	21.12	18.83	33	PASS
				RB25#13	21.11	19.01	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#25	21.13	19.07	33	PASS
				RB50#0	21.09	18.92	33	PASS
			HCH	RB1#0	22.39	20.05	33	PASS
				RB1#25	22.04	19.97	33	PASS
				RB1#49	22.06	19.96	33	PASS
				RB25#0	21.01	18.93	33	PASS
				RB25#13	20.96	18.72	33	PASS
				RB25#25	21	18.92	33	PASS
				RB50#0	21.03	18.82	33	PASS
		15	LCH	RB1#0	22.15	20.04	33	PASS
				RB1#38	22.17	20.03	33	PASS
				RB1#74	22.06	20.00	33	PASS
				RB38#0	21.08	18.76	33	PASS
				RB38#19	21.04	18.93	33	PASS
				RB38#39	21.02	18.70	33	PASS
				RB75#0	21.02	18.68	33	PASS
			MCH	RB1#0	22.1	19.98	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#38	22.29	19.98	33	PASS
				RB1#74	22.18	20.07	33	PASS
				RB38#0	21.1	19.05	33	PASS
				RB38#19	21.06	18.83	33	PASS
				RB38#39	21.12	19.02	33	PASS
				RB75#0	21.07	19.02	33	PASS
			HCH	RB1#0	22.33	20.28	33	PASS
				RB1#38	22.24	20.10	33	PASS
				RB1#74	22.22	20.14	33	PASS
				RB38#0	21.16	19.08	33	PASS
				RB38#19	21.06	18.94	33	PASS
				RB38#39	20.97	18.82	33	PASS
				RB75#0	21.04	18.95	33	PASS
		20	LCH	RB1#0	22.68	20.38	33	PASS
				RB1#50	22.07	19.73	33	PASS
				RB1#99	22.57	20.44	33	PASS
				RB50#0	21.16	18.98	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#25	21.07	18.93	33	PASS
				RB50#50	20.98	18.69	33	PASS
				RB100#0	21.11	19.05	33	PASS
			MCH	RB1#0	22.29	20.06	33	PASS
				RB1#50	21.71	19.62	33	PASS
				RB1#99	22.21	19.98	33	PASS
				RB50#0	21.09	18.96	33	PASS
				RB50#25	21.09	18.90	33	PASS
				RB50#50	21.12	19.01	33	PASS
				RB100#0	21.11	18.85	33	PASS
			HCH	RB1#0	22.43	20.20	33	PASS
				RB1#50	22.14	19.94	33	PASS
				RB1#99	22.34	20.14	33	PASS
				RB50#0	21.09	18.90	33	PASS
				RB50#25	21.1	18.79	33	PASS
				RB50#50	21.07	19.01	33	PASS
				RB100#0	21.05	18.91	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:

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

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed } 1\text{MHz}$$

$$\text{SET VBW} \geq 3 \times \text{RBW}$$

$$\text{SET Sweep time} = \text{auto-couple.}$$

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	4.01	13	PASS
				RB1#3	4.08	13	PASS
				RB1#5	4.03	13	PASS
				RB3#0	4.16	13	PASS
				RB3#2	4.39	13	PASS
				RB3#3	4.4	13	PASS
				RB6#0	5.42	13	PASS
			MCH	RB1#0	3.86	13	PASS
				RB1#3	4.07	13	PASS
				RB1#5	3.86	13	PASS
				RB3#0	4.34	13	PASS
				RB3#2	4.36	13	PASS
				RB3#3	4.44	13	PASS
				RB6#0	5.09	13	PASS
			HCH	RB1#0	3.16	13	PASS
				RB1#3	3.18	13	PASS
				RB1#5	3.05	13	PASS
				RB3#0	3.6	13	PASS
				RB3#2	3.37	13	PASS
				RB3#3	3.57	13	PASS
				RB6#0	4.85	13	PASS
		3	LCH	RB1#0	3.9	13	PASS
				RB1#7	4.24	13	PASS
				RB1#14	3.96	13	PASS
				RB8#0	5.1	13	PASS
				RB8#4	4.99	13	PASS
				RB8#7	5.14	13	PASS
				RB15#0	5.45	13	PASS
			MCH	RB1#0	4.01	13	PASS
				RB1#7	4.09	13	PASS
				RB1#14	3.98	13	PASS
				RB8#0	4.93	13	PASS
				RB8#4	4.81	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	4.98	13	PASS
				RB15#0	5.28	13	PASS
			HCH	RB1#0	3.47	13	PASS
				RB1#7	3.87	13	PASS
				RB1#14	3.2	13	PASS
				RB8#0	4.59	13	PASS
				RB8#4	4.3	13	PASS
				RB8#7	4.44	13	PASS
				RB15#0	4.83	13	PASS
		5	LCH	RB1#0	3.8	13	PASS
				RB1#13	3.68	13	PASS
				RB1#24	3.9	13	PASS
				RB12#0	5.17	13	PASS
				RB12#6	5.08	13	PASS
				RB12#13	5.4	13	PASS
				RB25#0	5.66	13	PASS
			MCH	RB1#0	3.91	13	PASS
				RB1#13	3.77	13	PASS
				RB1#24	3.82	13	PASS
				RB12#0	5.12	13	PASS
				RB12#6	4.97	13	PASS
				RB12#13	5.03	13	PASS
				RB25#0	5.37	13	PASS
			HCH	RB1#0	3.78	13	PASS
				RB1#13	3.44	13	PASS
				RB1#24	3.16	13	PASS
				RB12#0	4.73	13	PASS
				RB12#6	4.47	13	PASS
				RB12#13	4.45	13	PASS
				RB25#0	5.25	13	PASS
		10	LCH	RB1#0	3.74	13	PASS
				RB1#25	4.04	13	PASS
				RB1#49	4.25	13	PASS
				RB25#0	5.23	13	PASS
				RB25#13	5.14	13	PASS
				RB25#25	5.38	13	PASS
				RB50#0	5.79	13	PASS
			MCH	RB1#0	3.69	13	PASS
				RB1#25	3.7	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	3.53	13	PASS
				RB25#0	5.14	13	PASS
				RB25#13	5.07	13	PASS
				RB25#25	5.12	13	PASS
				RB50#0	5.73	13	PASS
			HCH	RB1#0	3.67	13	PASS
				RB1#25	3.73	13	PASS
				RB1#49	3.1	13	PASS
				RB25#0	5.04	13	PASS
				RB25#13	4.74	13	PASS
				RB25#25	4.77	13	PASS
				RB50#0	5.4	13	PASS
		15	LCH	RB1#0	3.95	13	PASS
				RB1#38	3.97	13	PASS
				RB1#74	4.08	13	PASS
				RB38#0	5.31	13	PASS
				RB38#19	5.19	13	PASS
				RB38#39	5.43	13	PASS
				RB75#0	5.94	13	PASS
			MCH	RB1#0	4.28	13	PASS
				RB1#38	4.03	13	PASS
				RB1#74	3.98	13	PASS
				RB38#0	5.5	13	PASS
				RB38#19	5.25	13	PASS
				RB38#39	5.36	13	PASS
				RB75#0	5.8	13	PASS
			HCH	RB1#0	3.77	13	PASS
				RB1#38	3.84	13	PASS
				RB1#74	3.31	13	PASS
				RB38#0	5.1	13	PASS
				RB38#19	4.97	13	PASS
				RB38#39	4.99	13	PASS
				RB75#0	5.6	13	PASS
		20	LCH	RB1#0	3.8	13	PASS
				RB1#50	4.16	13	PASS
				RB1#99	3.92	13	PASS
				RB50#0	5.32	13	PASS
				RB50#25	5.3	13	PASS
				RB50#50	5.45	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	5.9	13	PASS
			MCH	RB1#0	3.95	13	PASS
				RB1#50	3.98	13	PASS
				RB1#99	3.6	13	PASS
				RB50#0	5.38	13	PASS
				RB50#25	5.07	13	PASS
				RB50#50	5.1	13	PASS
				RB100#0	5.73	13	PASS
			HCH	RB1#0	3.59	13	PASS
				RB1#50	3.85	13	PASS
				RB1#99	3.64	13	PASS
				RB50#0	5.03	13	PASS
				RB50#25	5.03	13	PASS
				RB50#50	5.06	13	PASS
				RB100#0	5.67	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.74	13	PASS
				RB1#3	5.03	13	PASS
				RB1#5	4.81	13	PASS
				RB3#0	5.08	13	PASS
				RB3#2	5.08	13	PASS
				RB3#3	5.2	13	PASS
				RB6#0	6.19	13	PASS
			MCH	RB1#0	4.75	13	PASS
				RB1#3	5.02	13	PASS
				RB1#5	4.7	13	PASS
				RB3#0	5.14	13	PASS
				RB3#2	5.54	13	PASS
				RB3#3	5.23	13	PASS
				RB6#0	5.95	13	PASS
		3	HCH	RB1#0	4.14	13	PASS
				RB1#3	4.2	13	PASS
				RB1#5	3.94	13	PASS
				RB3#0	4.45	13	PASS
				RB3#2	4.47	13	PASS
				RB3#3	4.64	13	PASS
				RB6#0	5.8	13	PASS
			LCH	RB1#0	4.9	13	PASS
				RB1#7	5.2	13	PASS
				RB1#14	5.04	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	5.85	13	PASS
				RB8#4	5.75	13	PASS
				RB8#7	5.85	13	PASS
				RB15#0	6.1	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#7	4.92	13	PASS
				RB1#14	4.81	13	PASS
				RB8#0	5.75	13	PASS
				RB8#4	5.66	13	PASS
				RB8#7	5.82	13	PASS
				RB15#0	5.89	13	PASS
			HCH	RB1#0	4.24	13	PASS
				RB1#7	4.15	13	PASS
				RB1#14	3.93	13	PASS
				RB8#0	5.47	13	PASS
				RB8#4	5.24	13	PASS
				RB8#7	5.38	13	PASS
				RB15#0	5.95	13	PASS
		5	LCH	RB1#0	4.84	13	PASS
				RB1#13	4.86	13	PASS
				RB1#24	4.9	13	PASS
				RB12#0	6.07	13	PASS
				RB12#6	5.95	13	PASS
				RB12#13	6.14	13	PASS
				RB25#0	6.21	13	PASS
			MCH	RB1#0	4.82	13	PASS
				RB1#13	4.6	13	PASS
				RB1#24	4.67	13	PASS
				RB12#0	5.81	13	PASS
				RB12#6	5.69	13	PASS
				RB12#13	5.68	13	PASS
				RB25#0	6.14	13	PASS
			HCH	RB1#0	4.49	13	PASS
				RB1#13	4.23	13	PASS
				RB1#24	3.92	13	PASS
				RB12#0	5.65	13	PASS
				RB12#6	5.32	13	PASS
				RB12#13	5.38	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
		10	LCH	RB1#0	5.3	13	PASS
				RB1#25	5.05	13	PASS
				RB1#49	5.45	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	6	13	PASS
				RB25#25	6.14	13	PASS
				RB50#0	6.45	13	PASS
			MCH	RB1#0	4.94	13	PASS
				RB1#25	4.87	13	PASS
				RB1#49	4.27	13	PASS
				RB25#0	5.96	13	PASS
				RB25#13	5.75	13	PASS
				RB25#25	5.84	13	PASS
				RB50#0	6.25	13	PASS
			HCH	RB1#0	4.35	13	PASS
				RB1#25	4.75	13	PASS
				RB1#49	4.15	13	PASS
				RB25#0	5.82	13	PASS
				RB25#13	5.69	13	PASS
				RB25#25	5.62	13	PASS
				RB50#0	6.24	13	PASS
		15	LCH	RB1#0	5.03	13	PASS
				RB1#38	5.04	13	PASS
				RB1#74	5.06	13	PASS
				RB38#0	6.05	13	PASS
				RB38#19	5.98	13	PASS
				RB38#39	6.19	13	PASS
				RB75#0	6.76	13	PASS
			MCH	RB1#0	5.14	13	PASS
				RB1#38	4.82	13	PASS
				RB1#74	4.79	13	PASS
				RB38#0	6.02	13	PASS
				RB38#19	5.77	13	PASS
				RB38#39	5.9	13	PASS
				RB75#0	6.54	13	PASS
			HCH	RB1#0	4.45	13	PASS
				RB1#38	4.28	13	PASS
				RB1#74	4.08	13	PASS
				RB38#0	6.12	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#19	5.92	13	PASS
				RB38#39	6.01	13	PASS
				RB75#0	6.64	13	PASS
		20	LCH	RB1#0	4.54	13	PASS
				RB1#50	4.93	13	PASS
				RB1#99	4.66	13	PASS
				RB50#0	6.2	13	PASS
				RB50#25	6.13	13	PASS
				RB50#50	6.31	13	PASS
				RB100#0	6.61	13	PASS
			MCH	RB1#0	4.72	13	PASS
				RB1#50	4.73	13	PASS
				RB1#99	4.36	13	PASS
				RB50#0	6.12	13	PASS
				RB50#25	5.88	13	PASS
				RB50#50	5.91	13	PASS
				RB100#0	6.37	13	PASS
			HCH	RB1#0	4.52	13	PASS
				RB1#50	4.74	13	PASS
				RB1#99	4.17	13	PASS
				RB50#0	5.9	13	PASS
				RB50#25	5.91	13	PASS
				RB50#50	6.04	13	PASS
				RB100#0	6.39	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

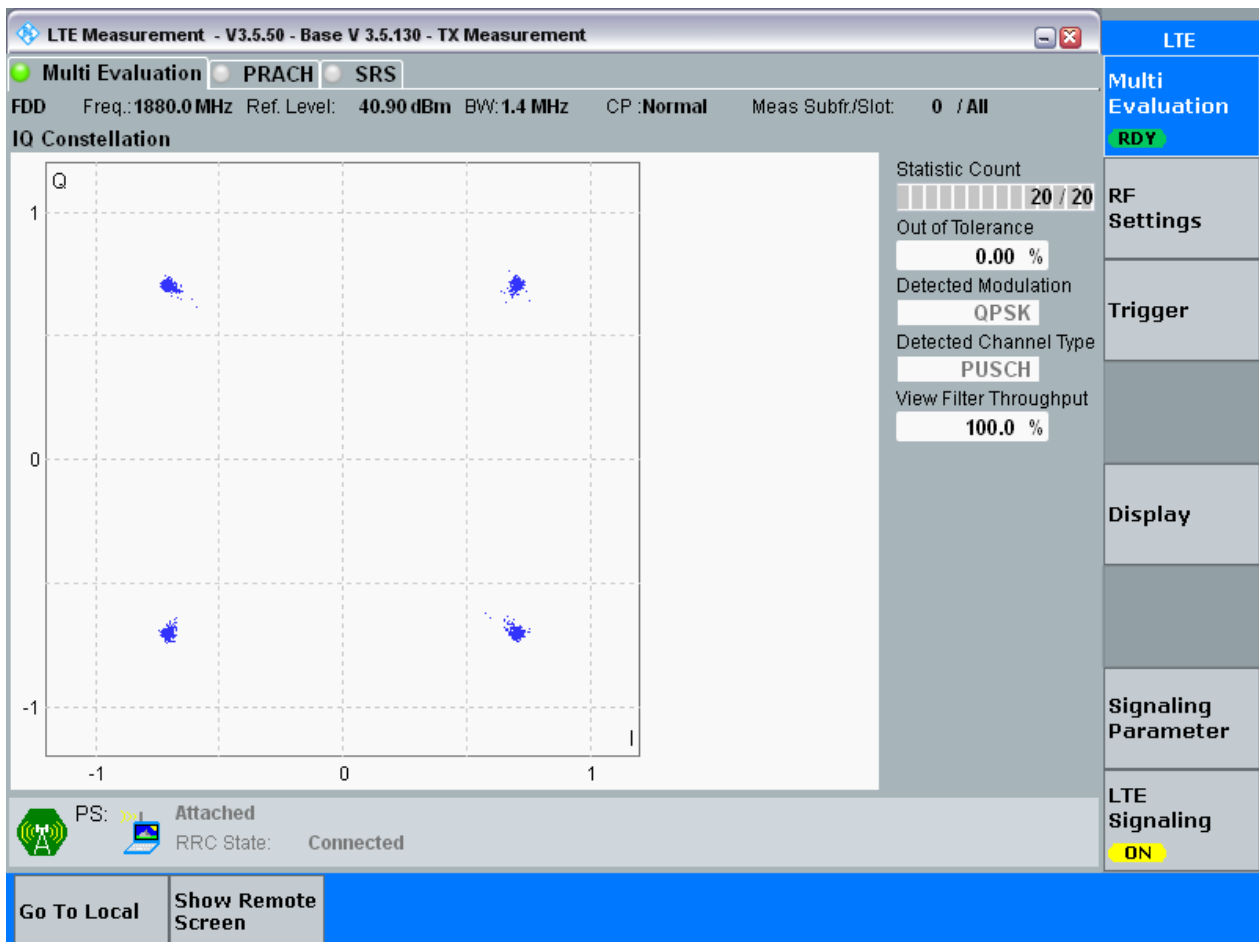
3.1.1 Test Band = BAND2

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

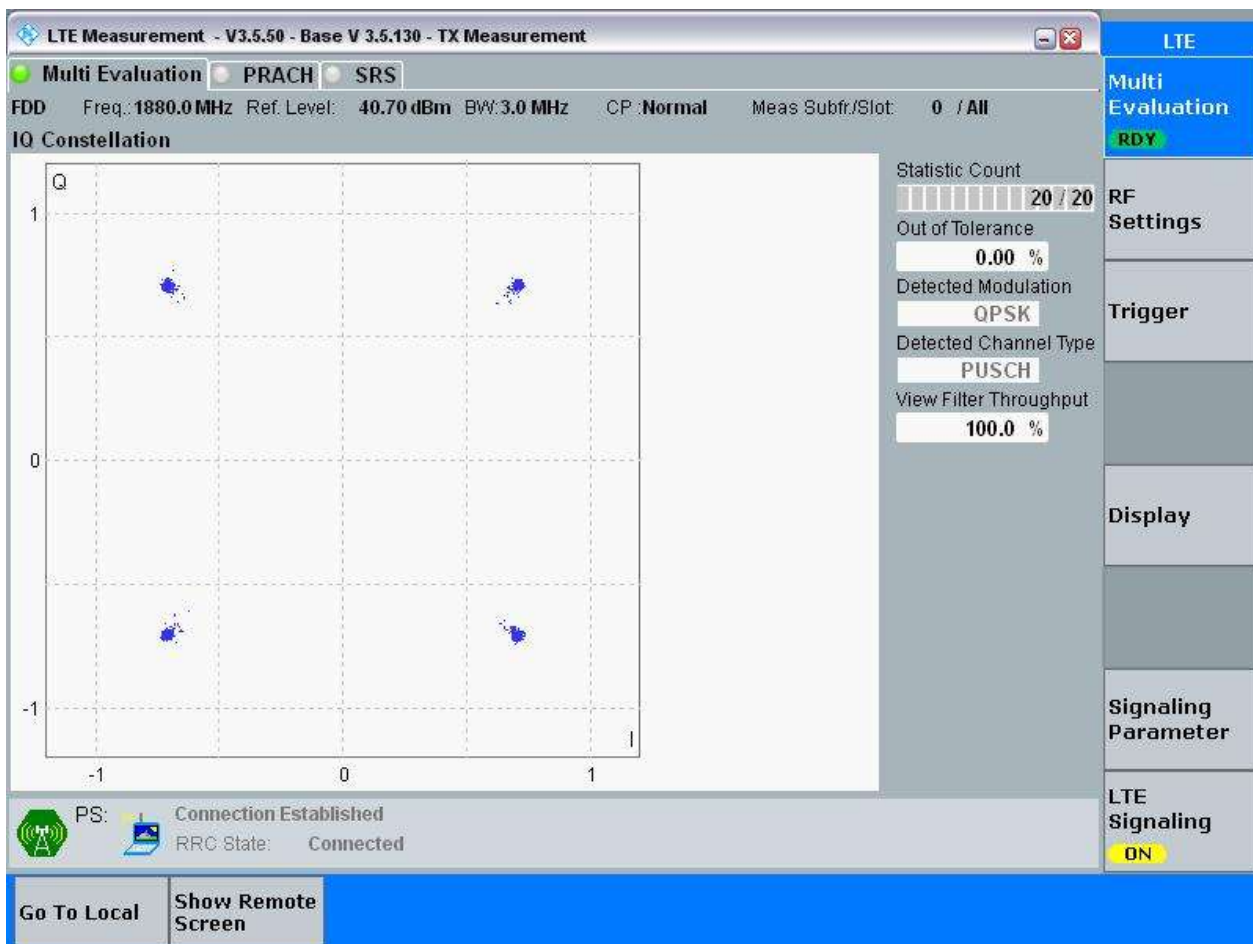
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

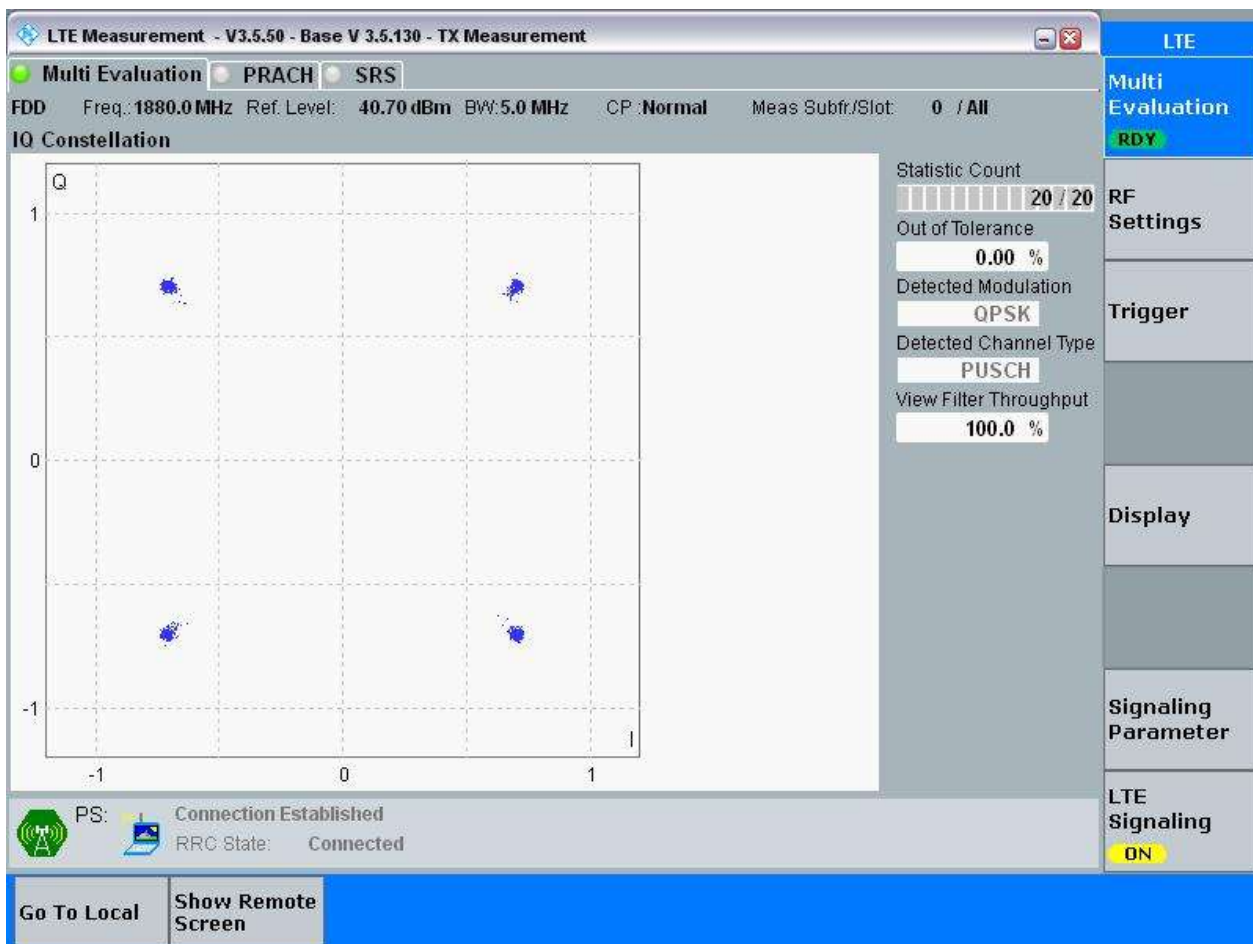
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

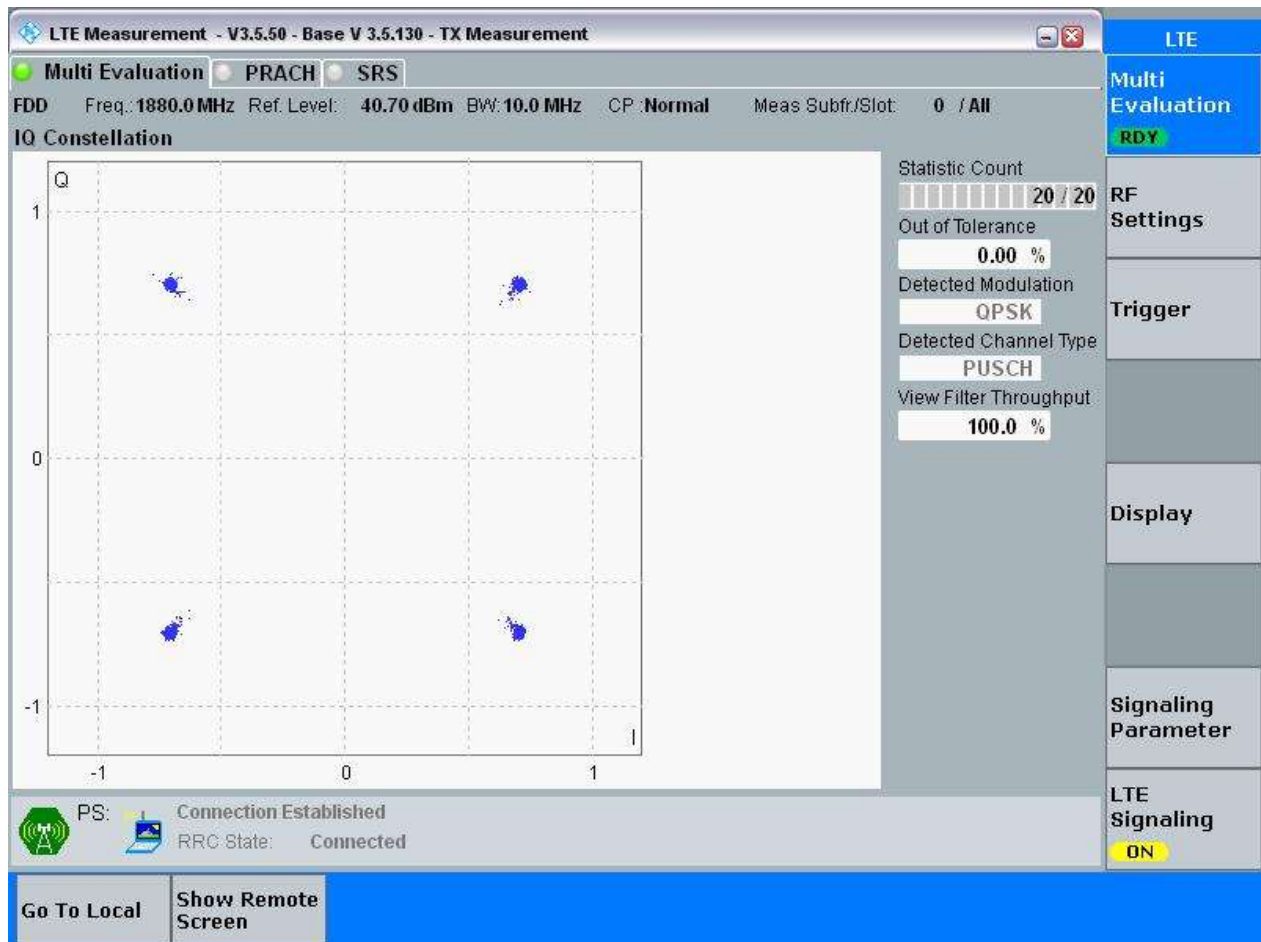
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

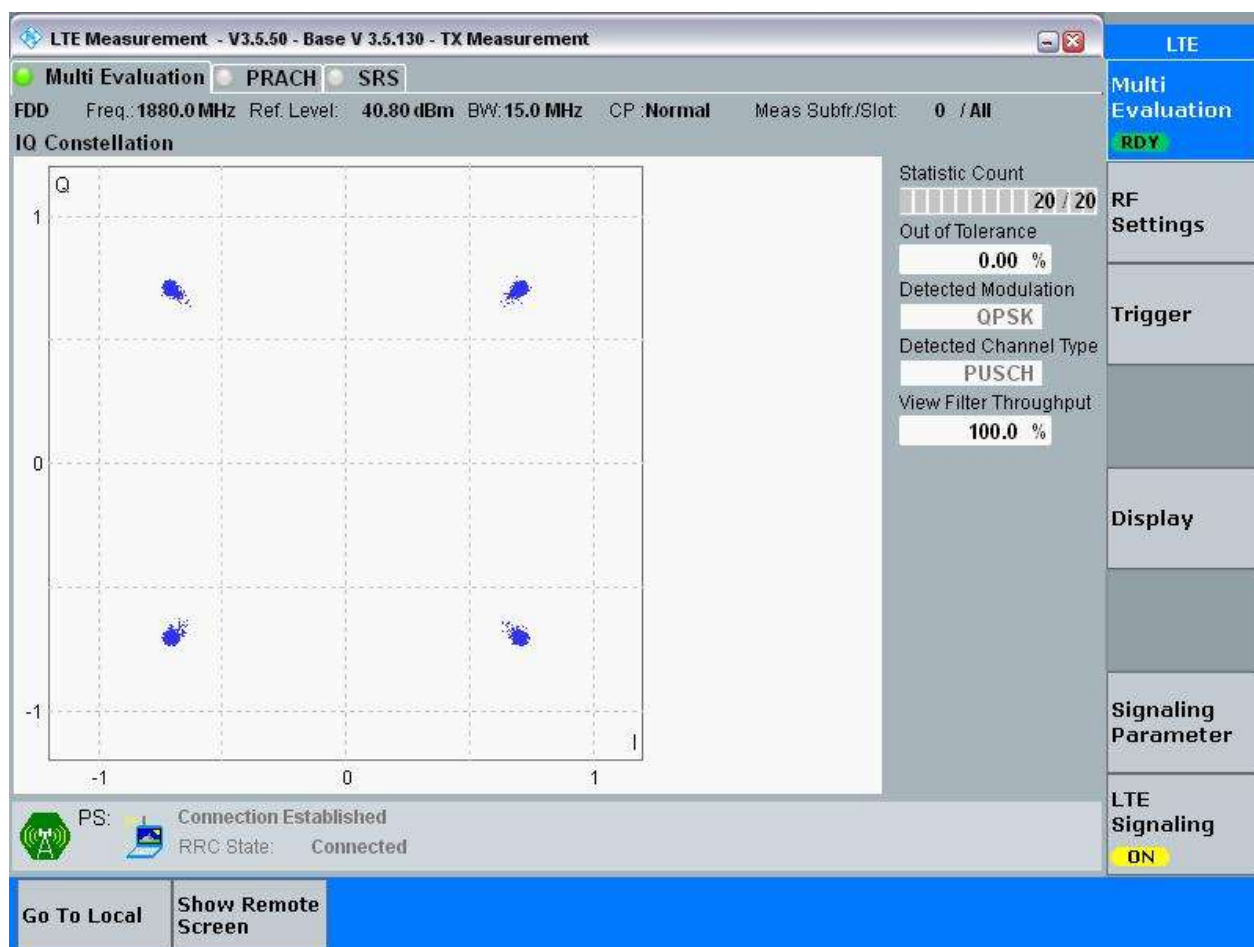
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

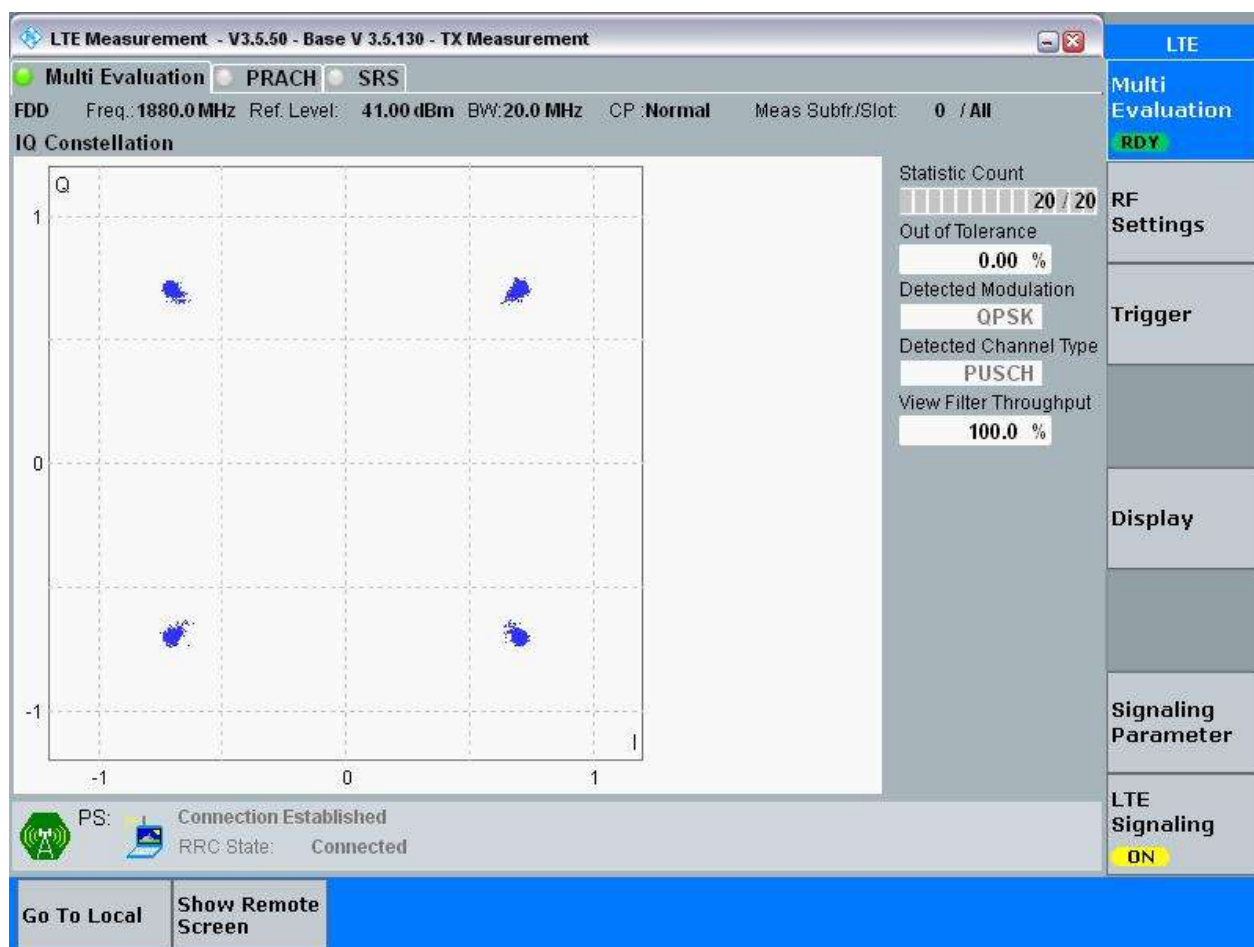
3.1.1.1.5.1.1 Test RB = RB75#0



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

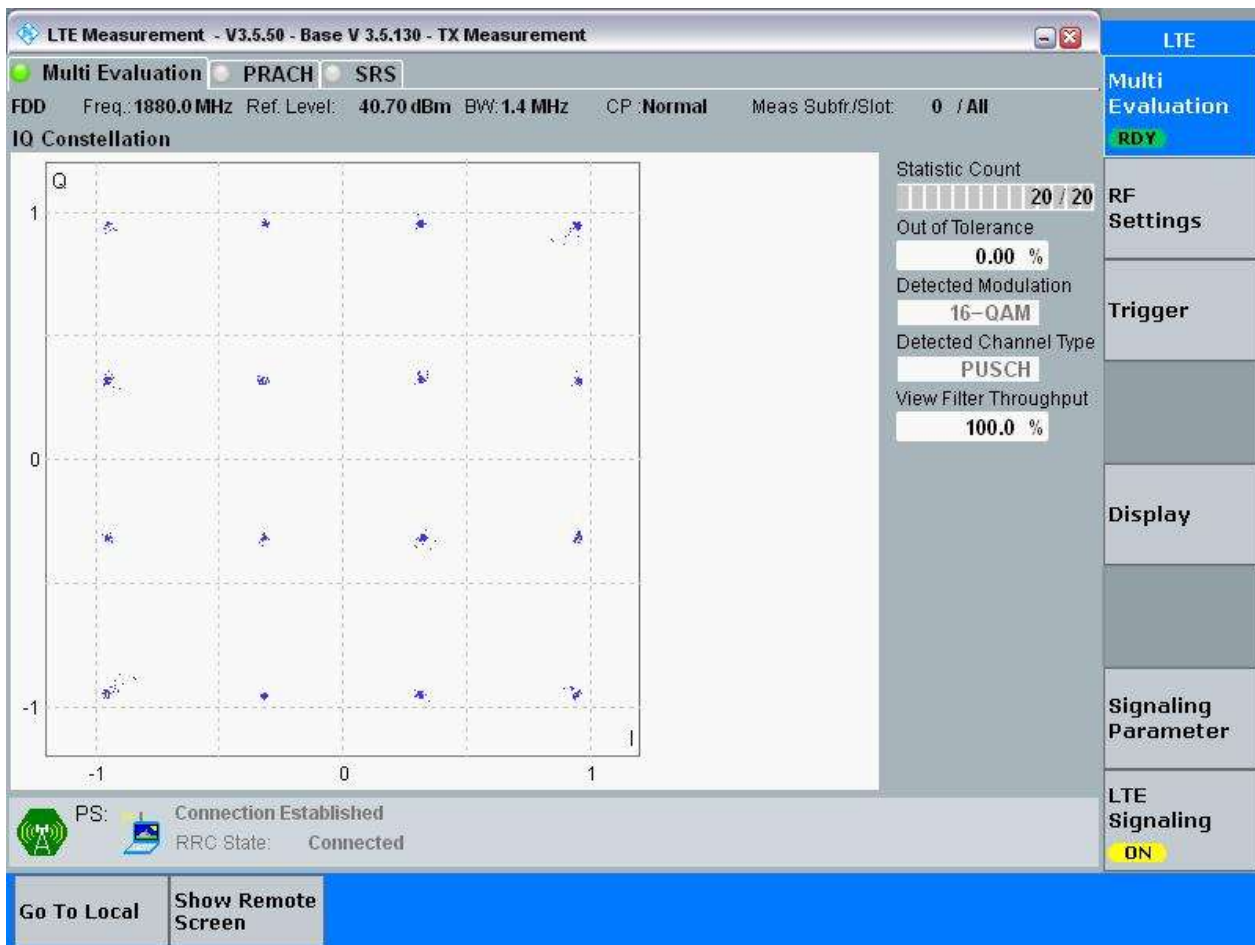


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

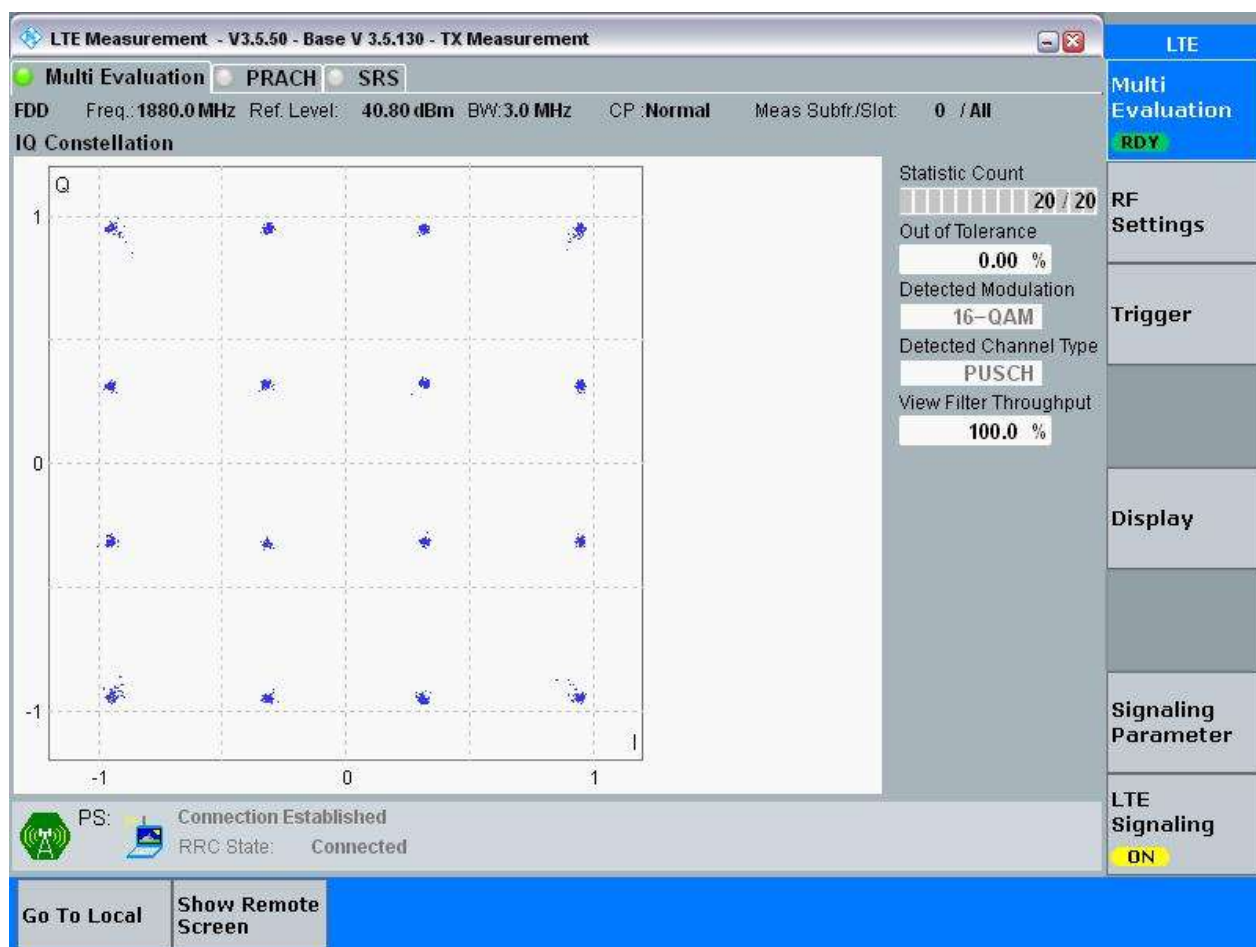
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

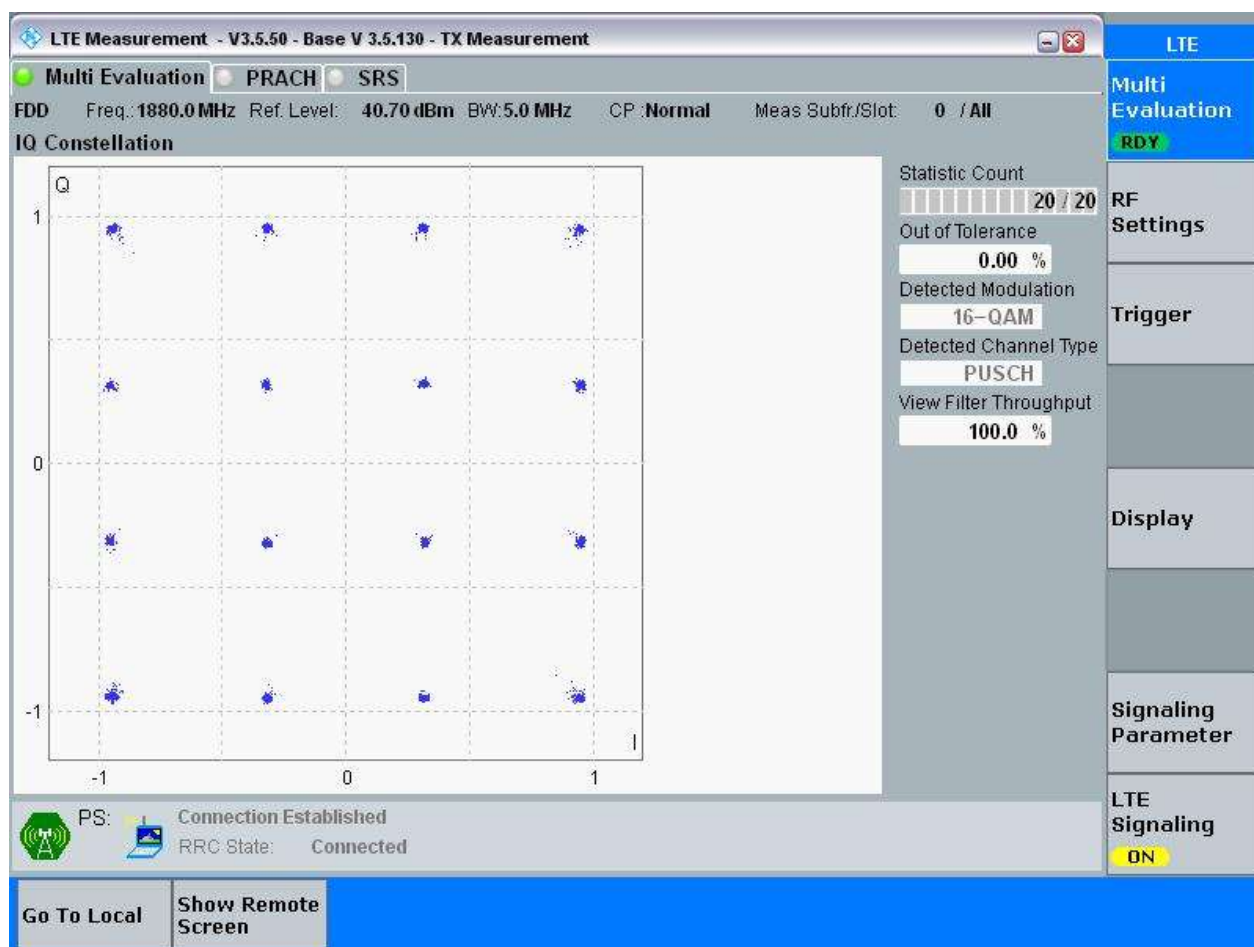
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

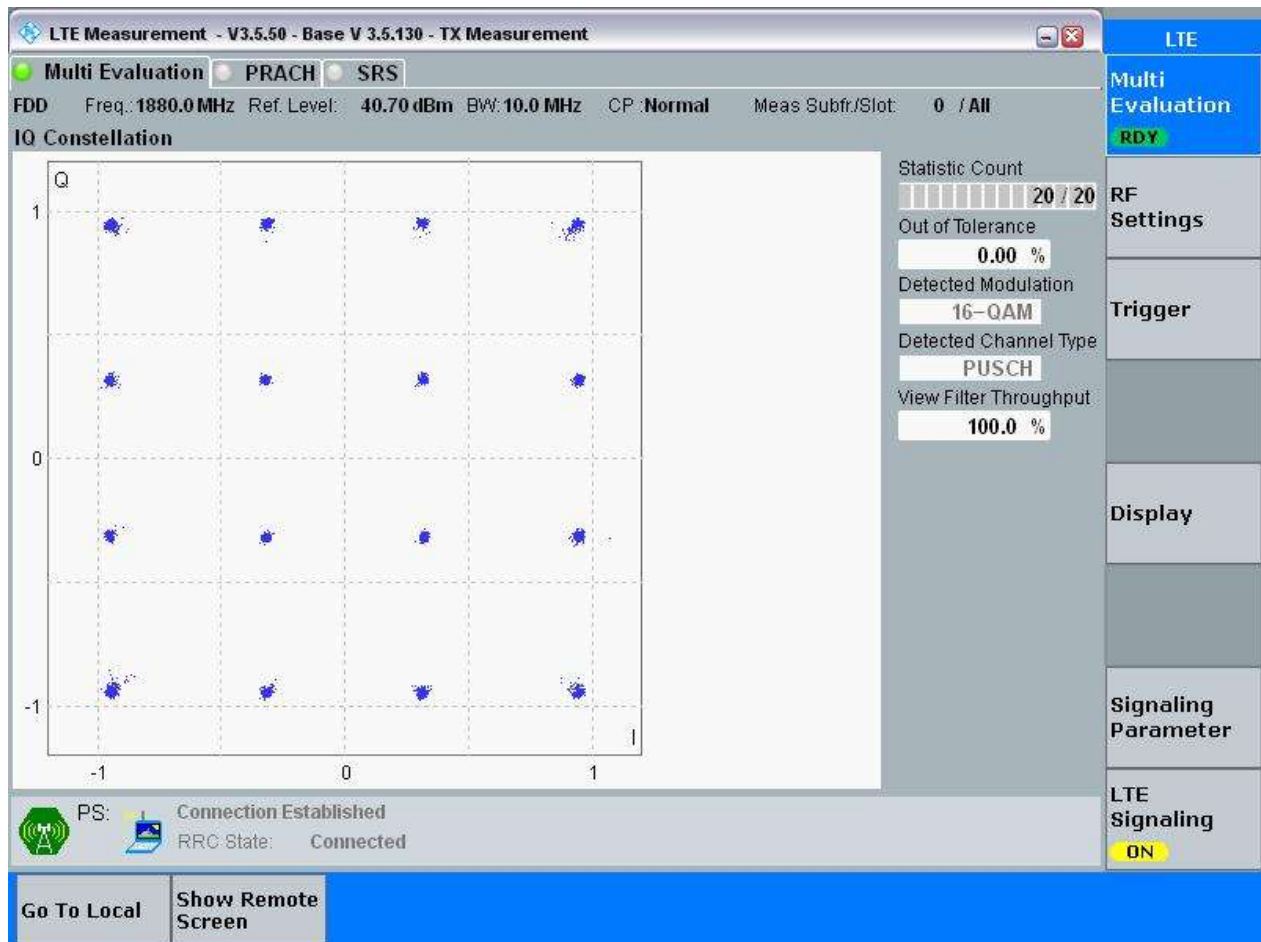
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

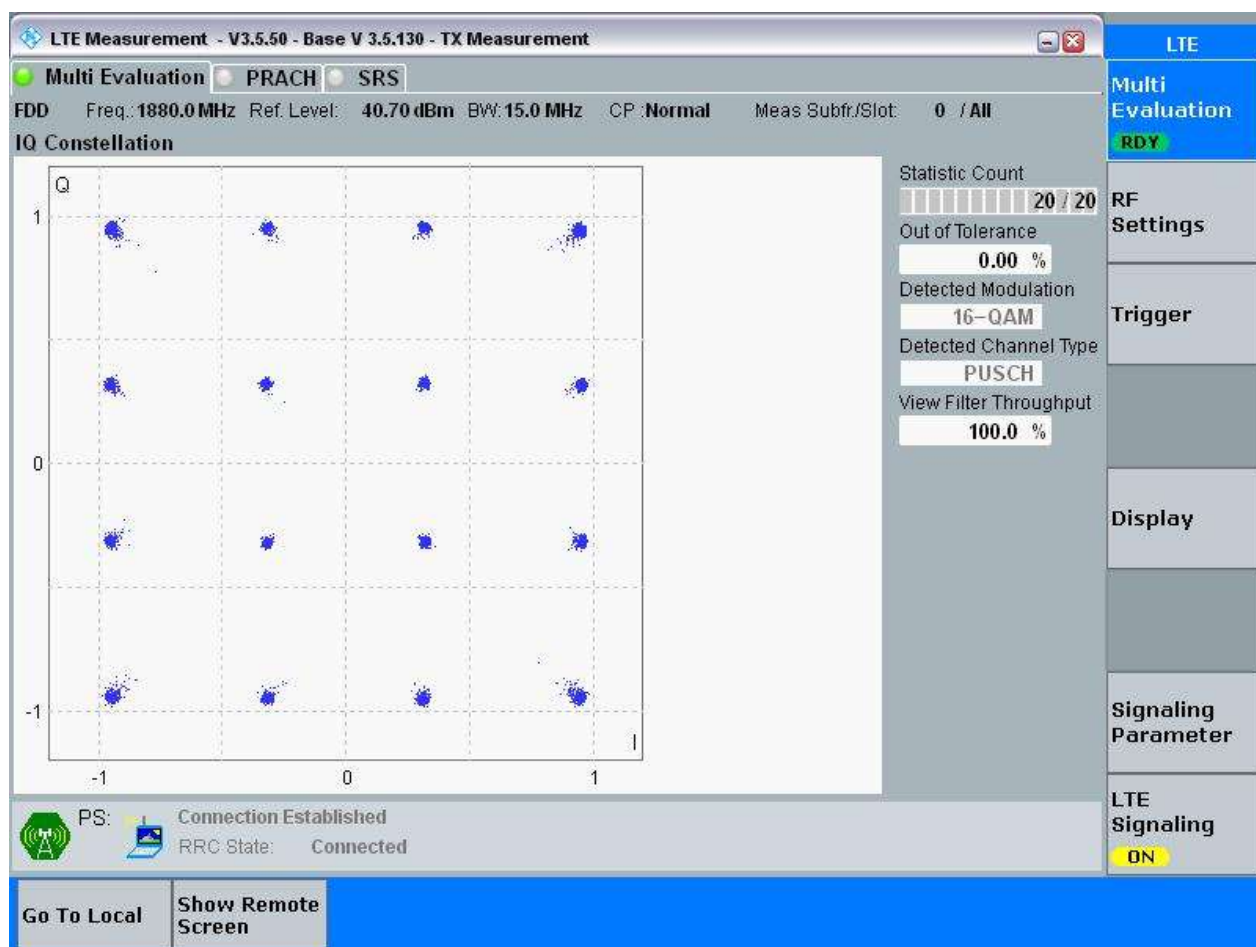
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

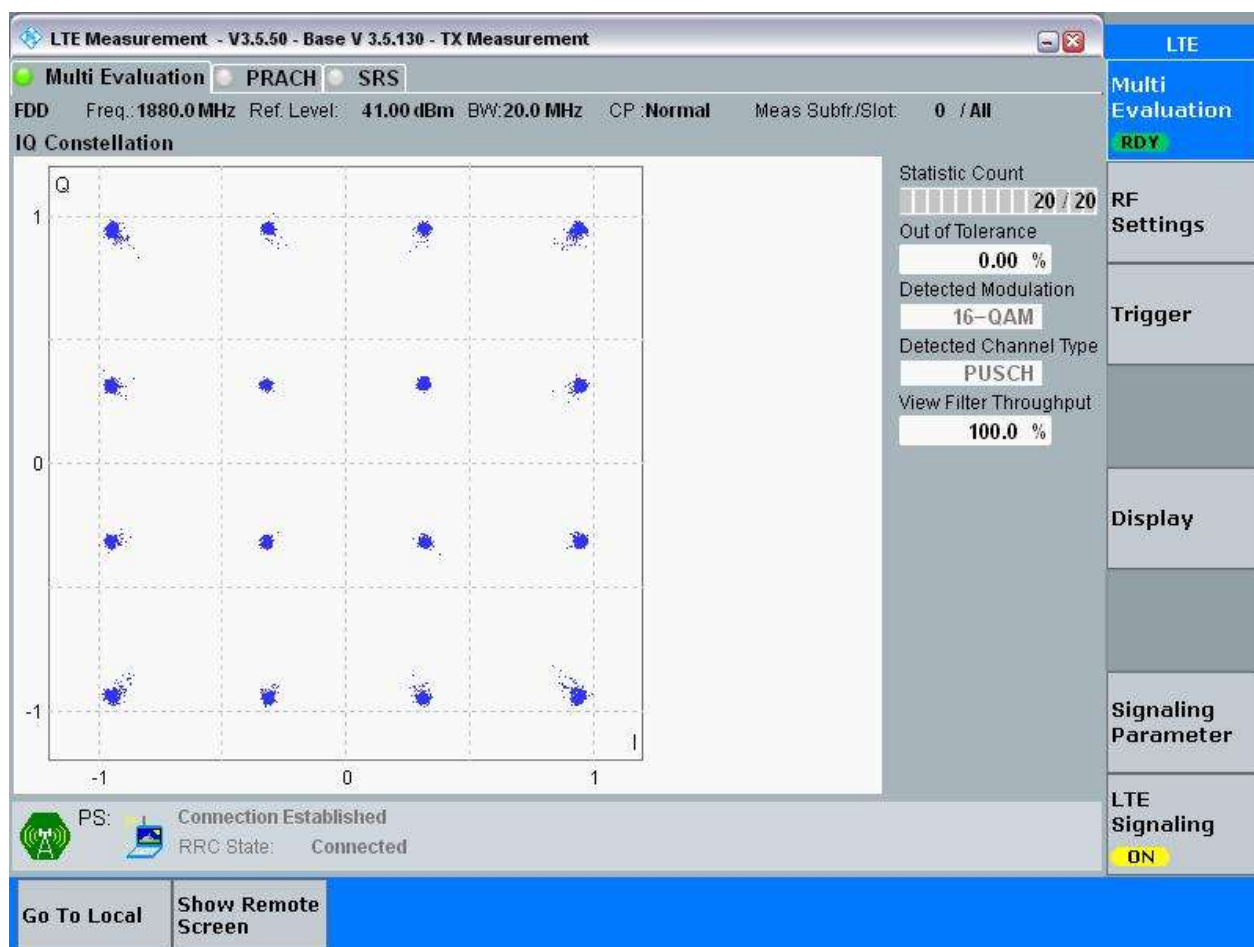
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.24	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.52	4.99	Pass
		10	LCH	RB50#0	9.01	9.94	Pass
			MCH	RB50#0	8.99	9.90	Pass
			HCH	RB50#0	9.00	9.91	Pass
		15	LCH	RB75#0	13.52	15.02	Pass
			MCH	RB75#0	13.51	14.99	Pass
			HCH	RB75#0	13.51	15.00	Pass
		20	LCH	RB100#0	18.00	19.85	Pass
			MCH	RB100#0	18.01	19.82	Pass
			HCH	RB100#0	18.02	19.78	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.70	2.98	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.51	4.99	Pass
		10	LCH	RB50#0	9.02	9.91	Pass
			MCH	RB50#0	9.01	9.95	Pass
			HCH	RB50#0	9.01	9.96	Pass
		15	LCH	RB75#0	13.51	15.05	Pass
			MCH	RB75#0	13.50	14.96	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB75#0	13.51	15.11	Pass
		20	LCH	RB100#0	18.01	19.84	Pass
			MCH	RB100#0	18.03	19.94	Pass
			HCH	RB100#0	18.02	19.80	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

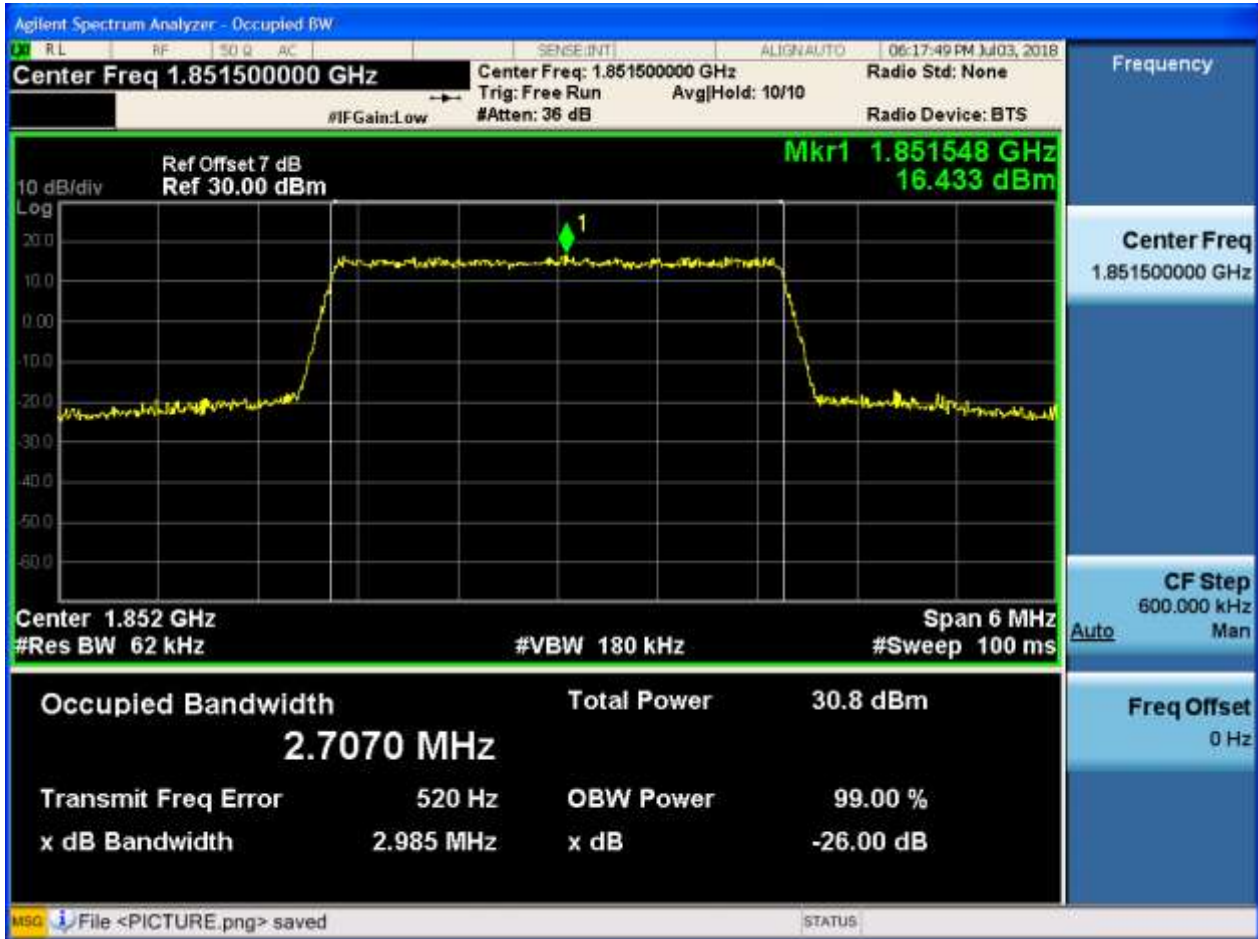




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

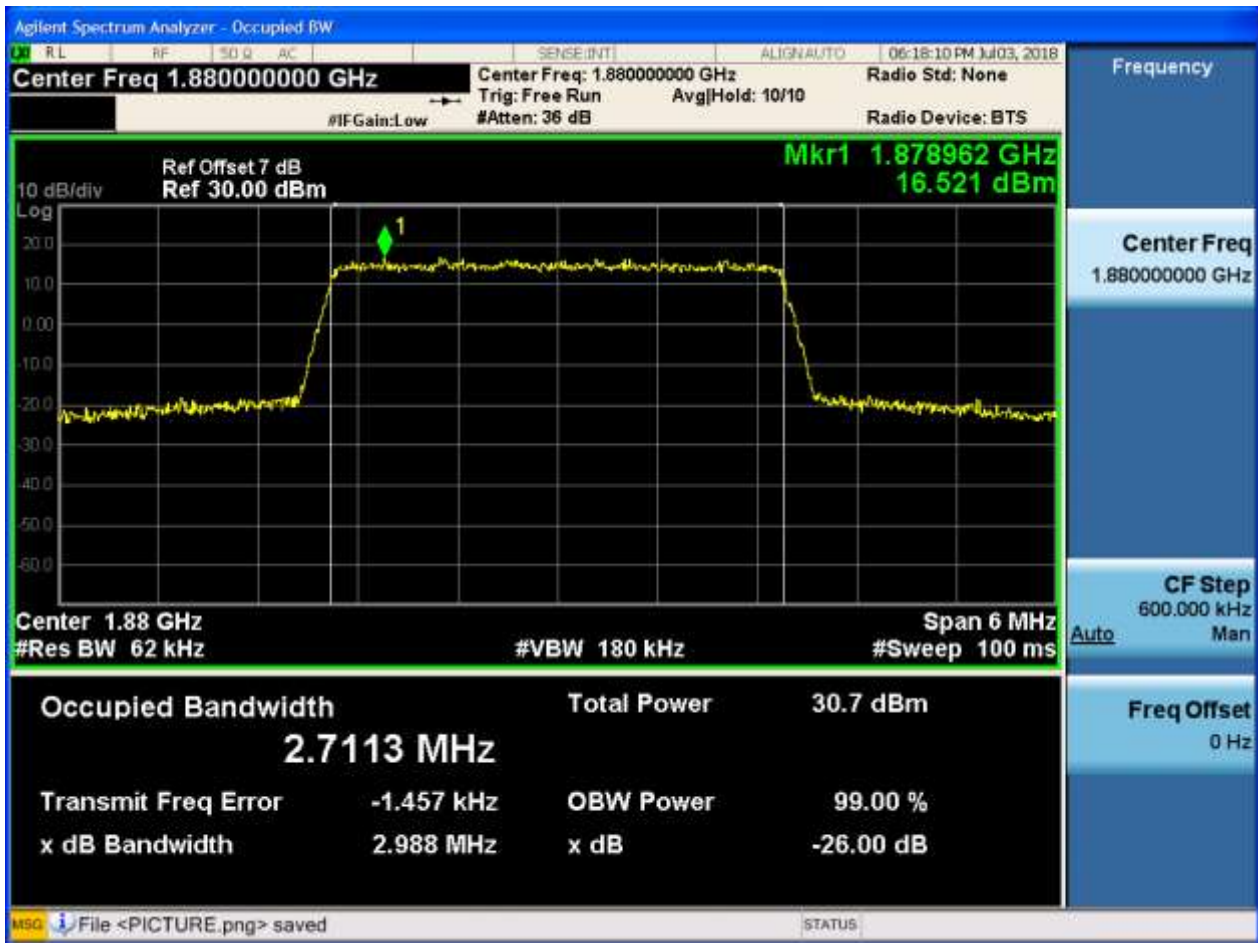
4.1.1.1.2.1.1 Test RB = RB15#0





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

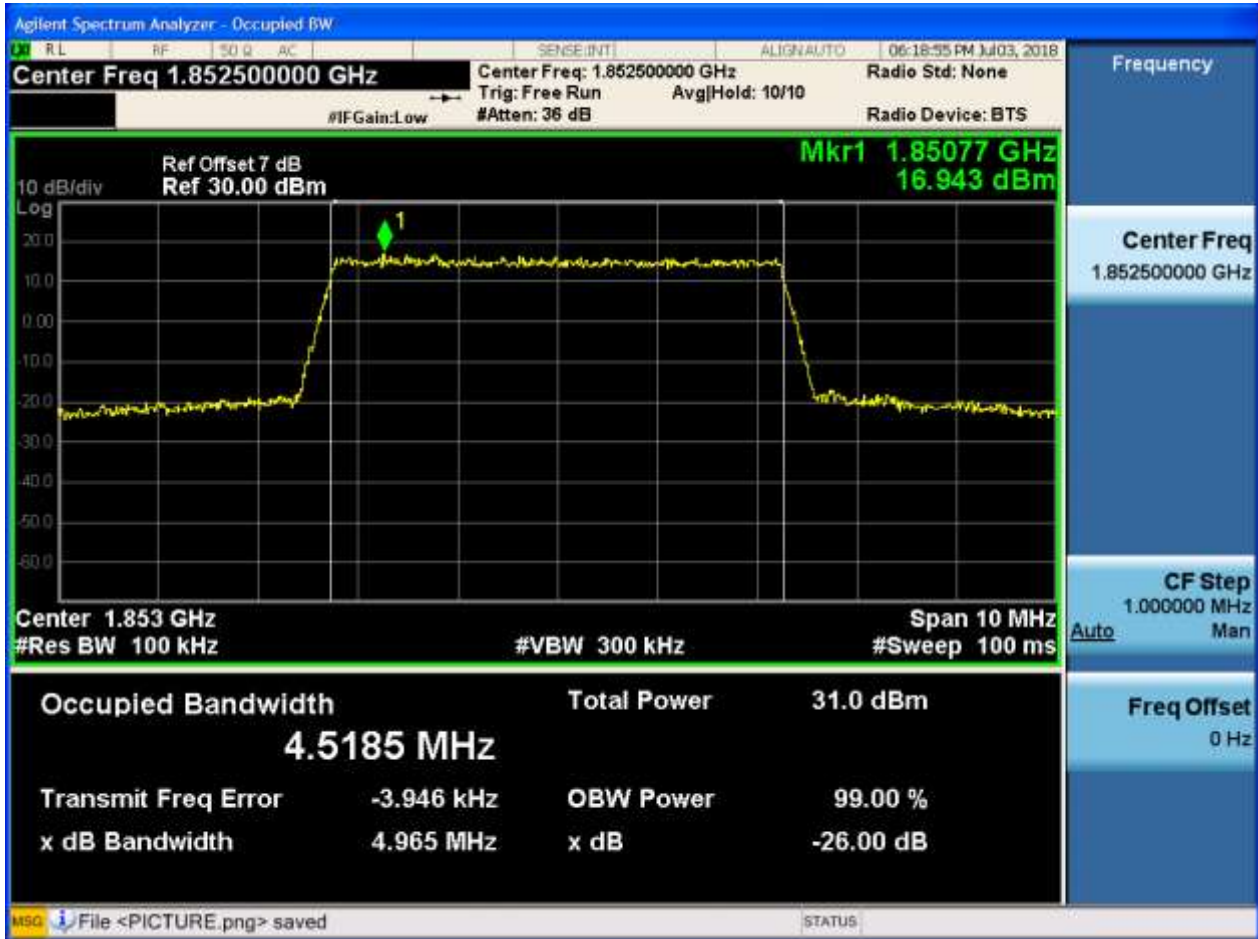




4.1.1.1.3 Test Bandwidth = 5

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

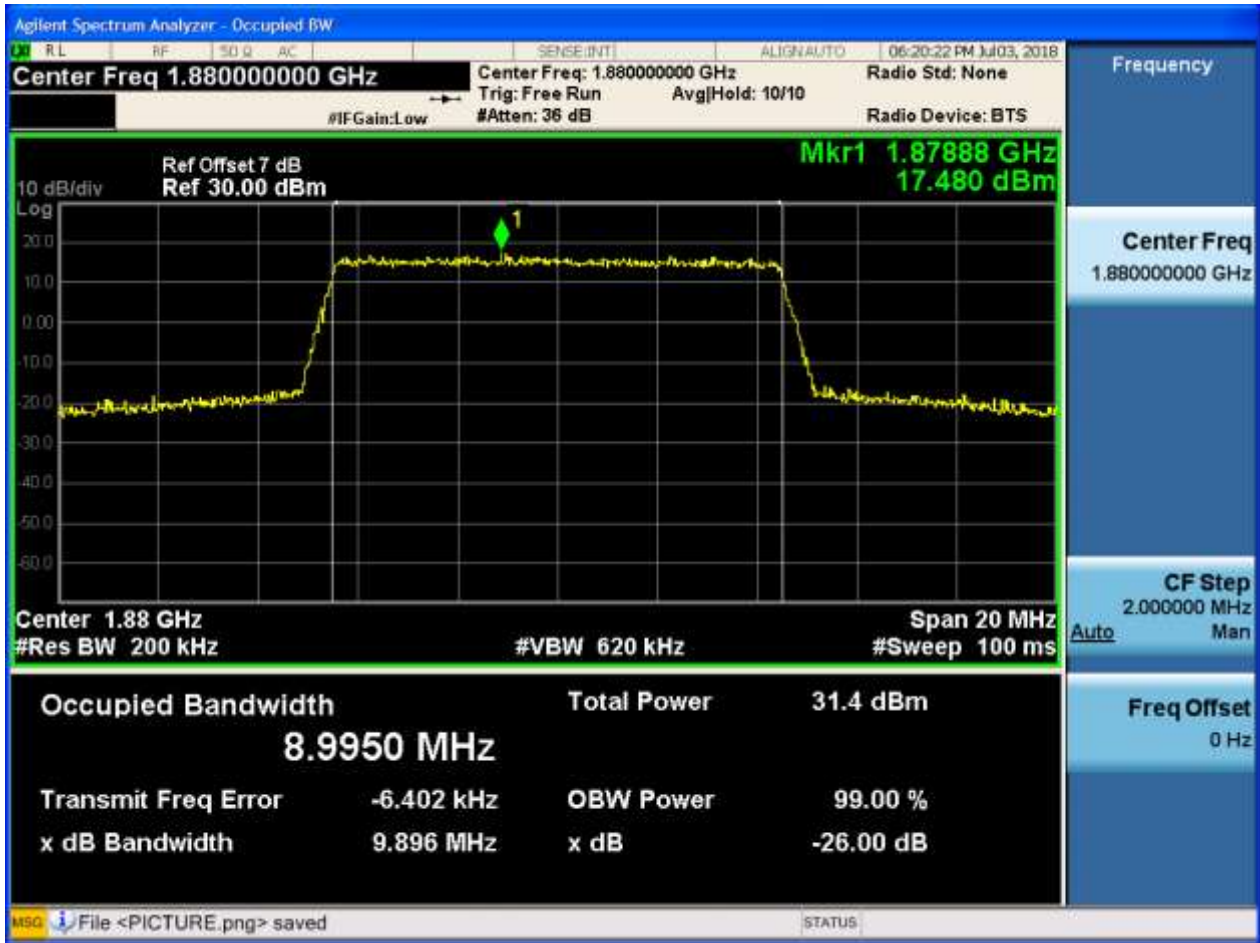
4.1.1.1.4.1 Test Channel = LCH

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

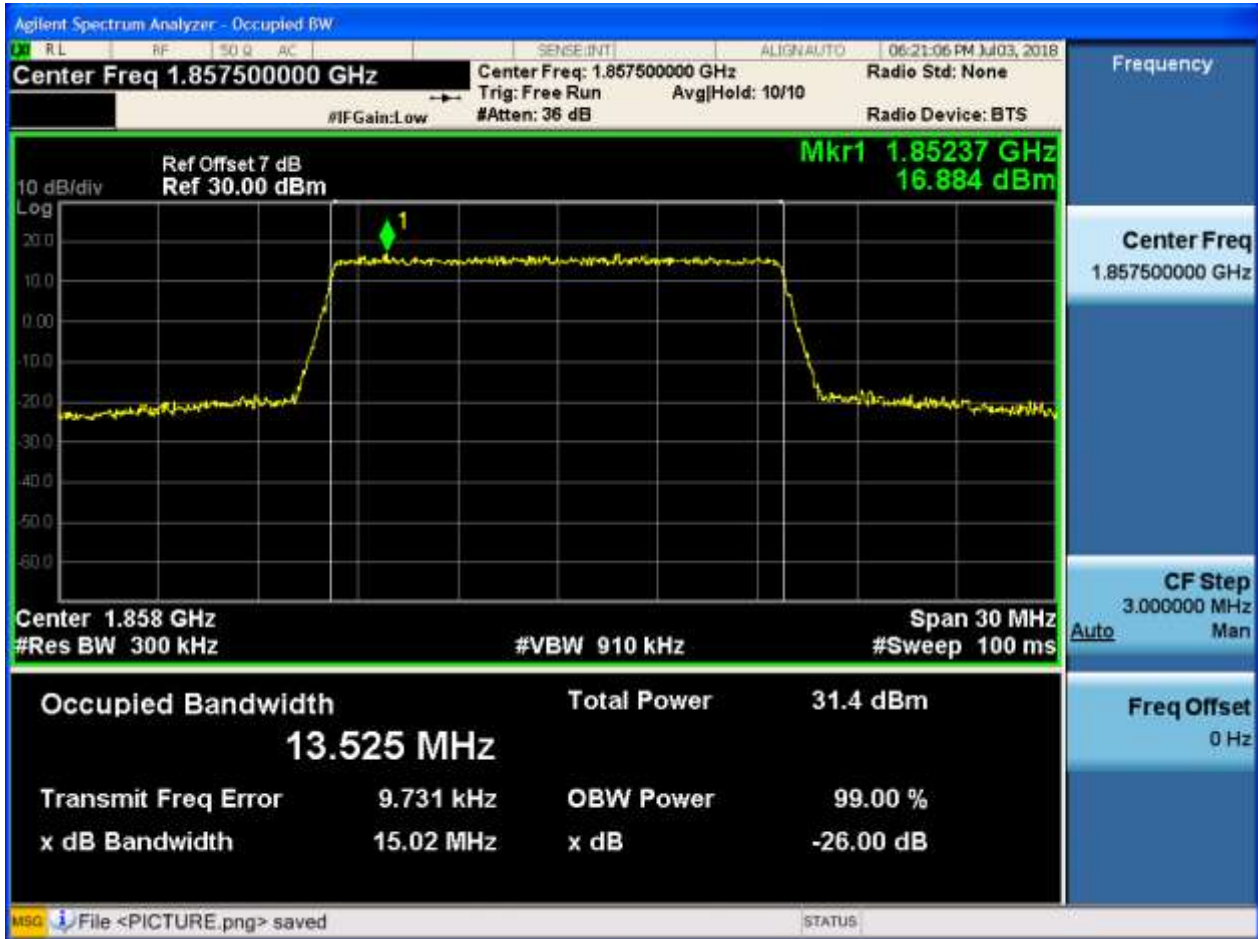




4.1.1.1.5 Test Bandwidth = 15

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

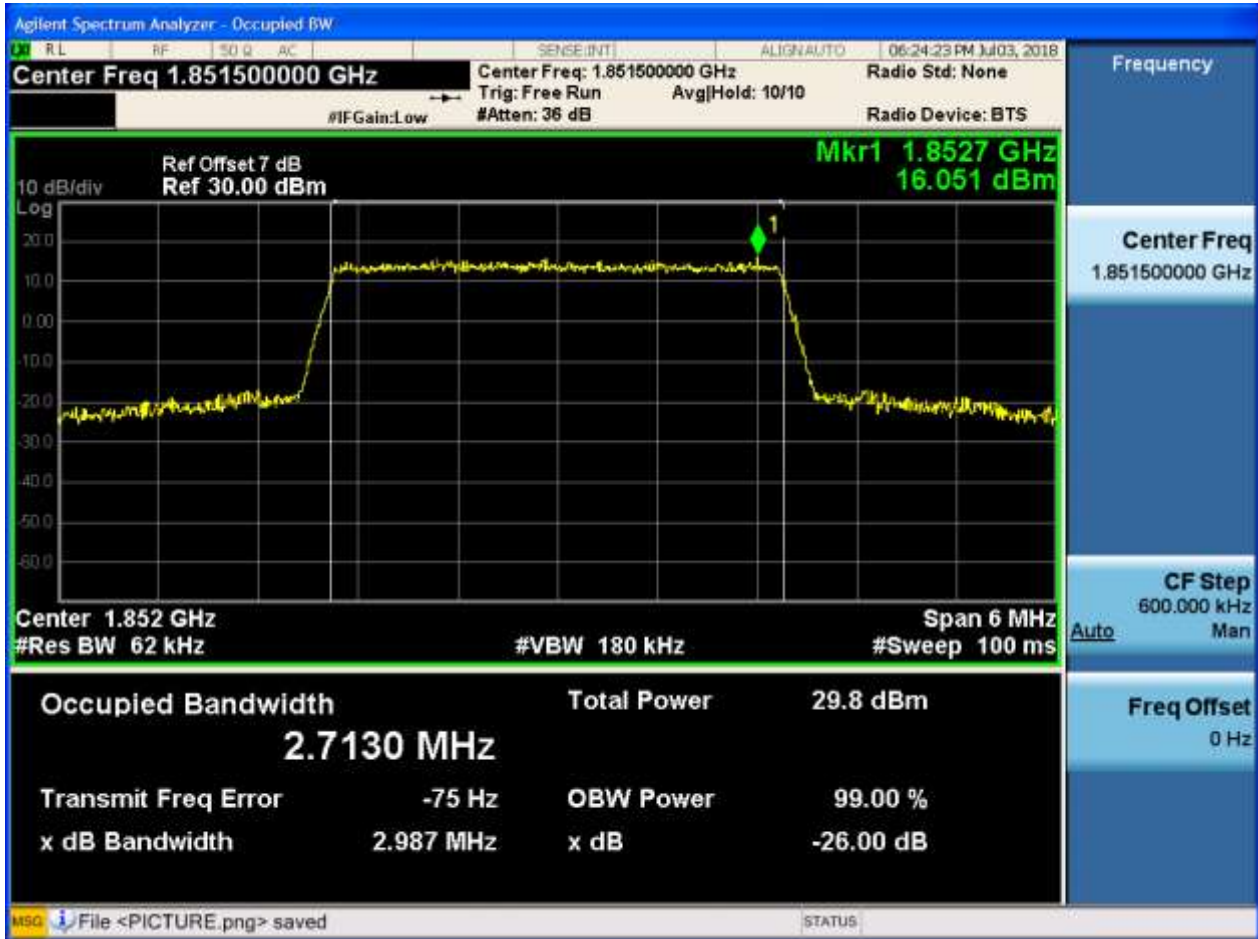




4.1.1.2.2 Test Bandwidth = 3

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

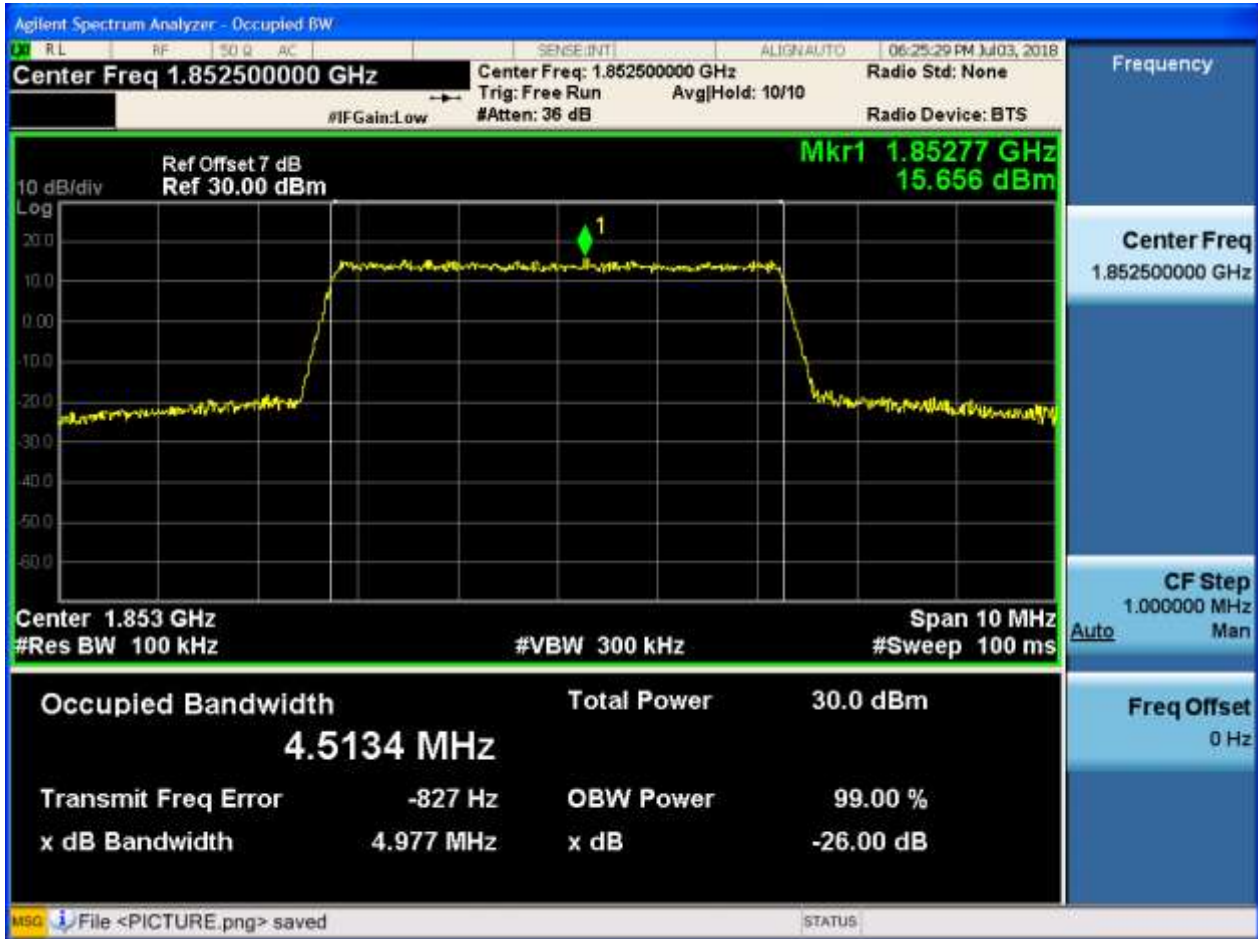




4.1.1.2.3 Test Bandwidth = 5

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

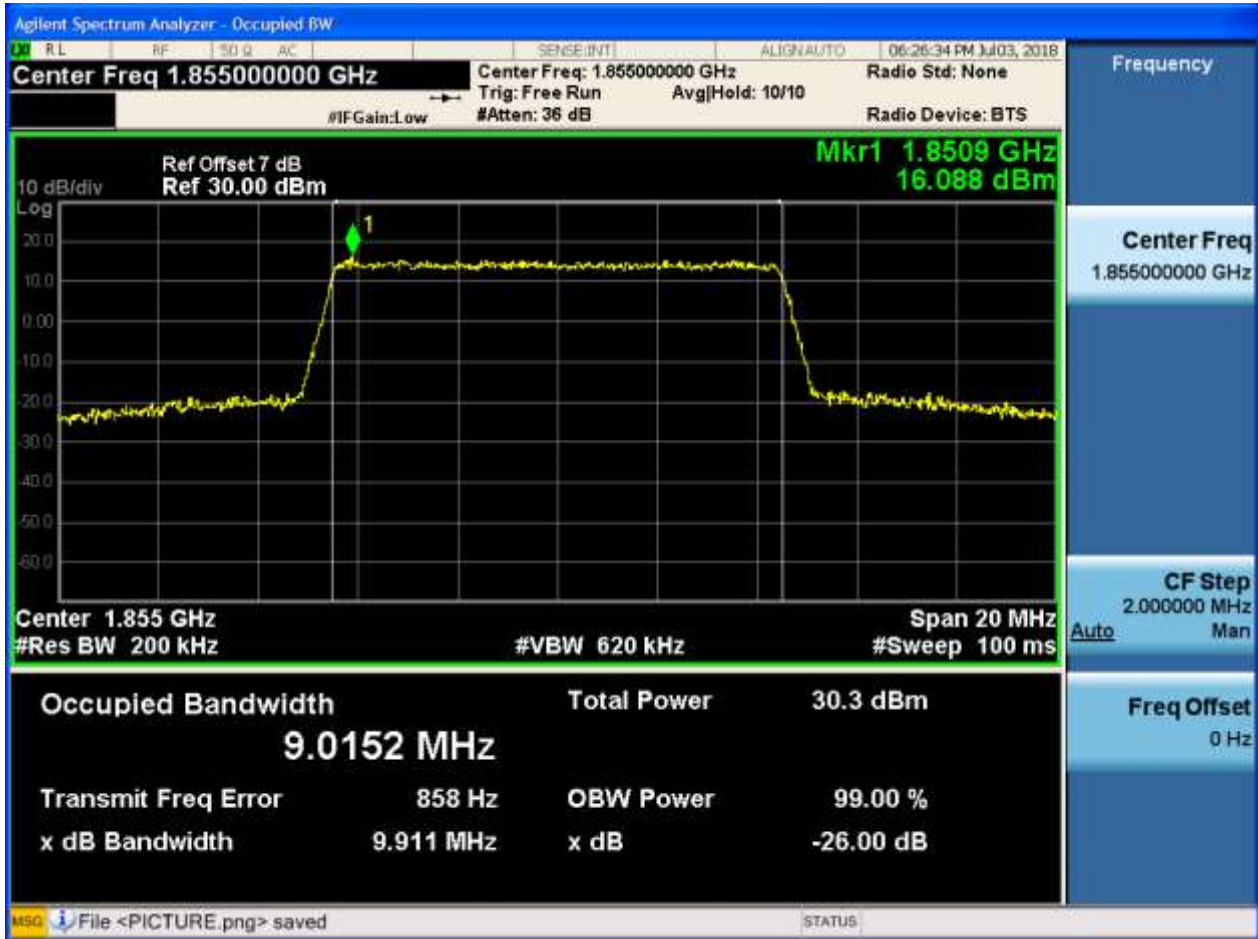




4.1.1.2.4 Test Bandwidth = 10

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

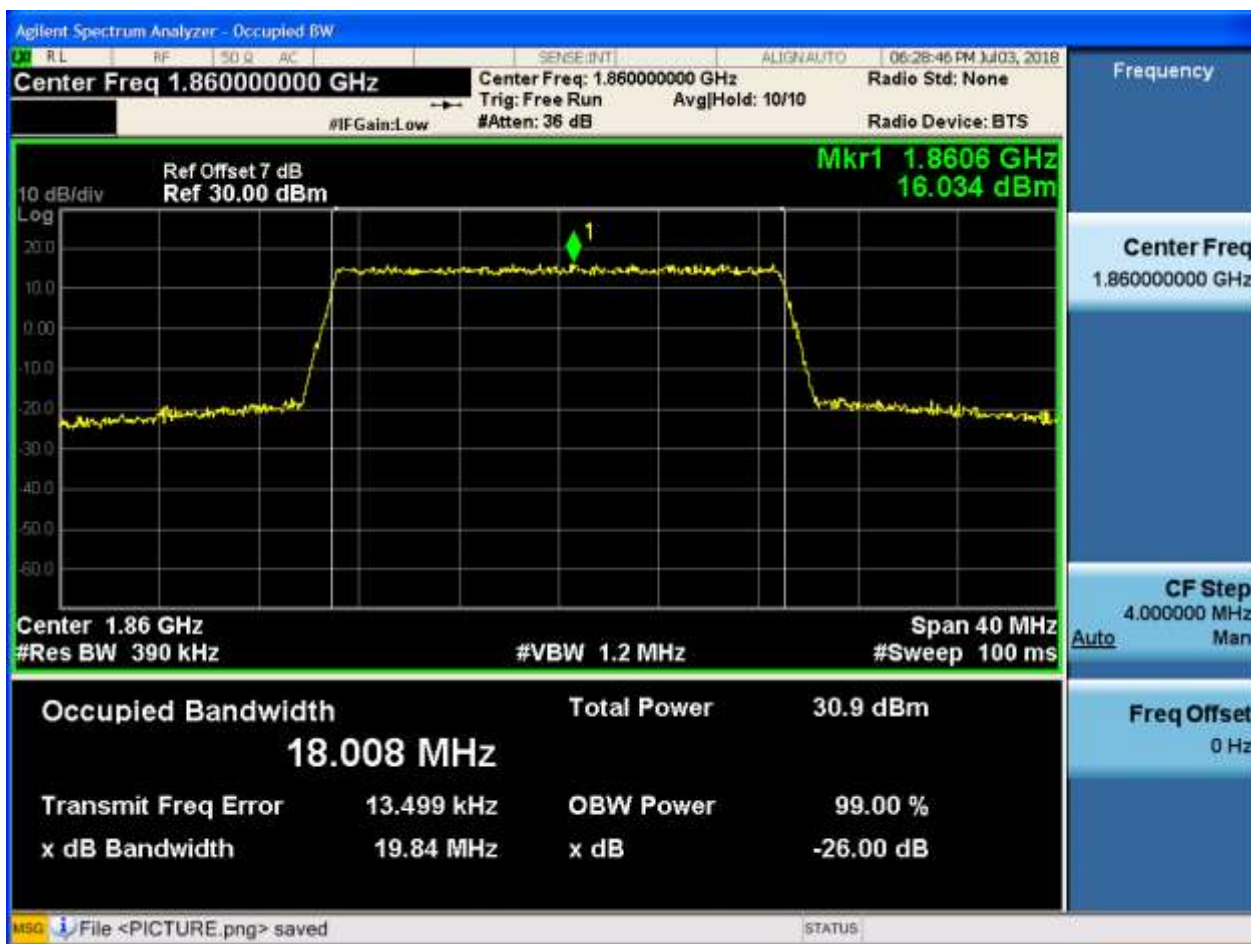




4.1.1.2.6 Test Bandwidth = 20

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





5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

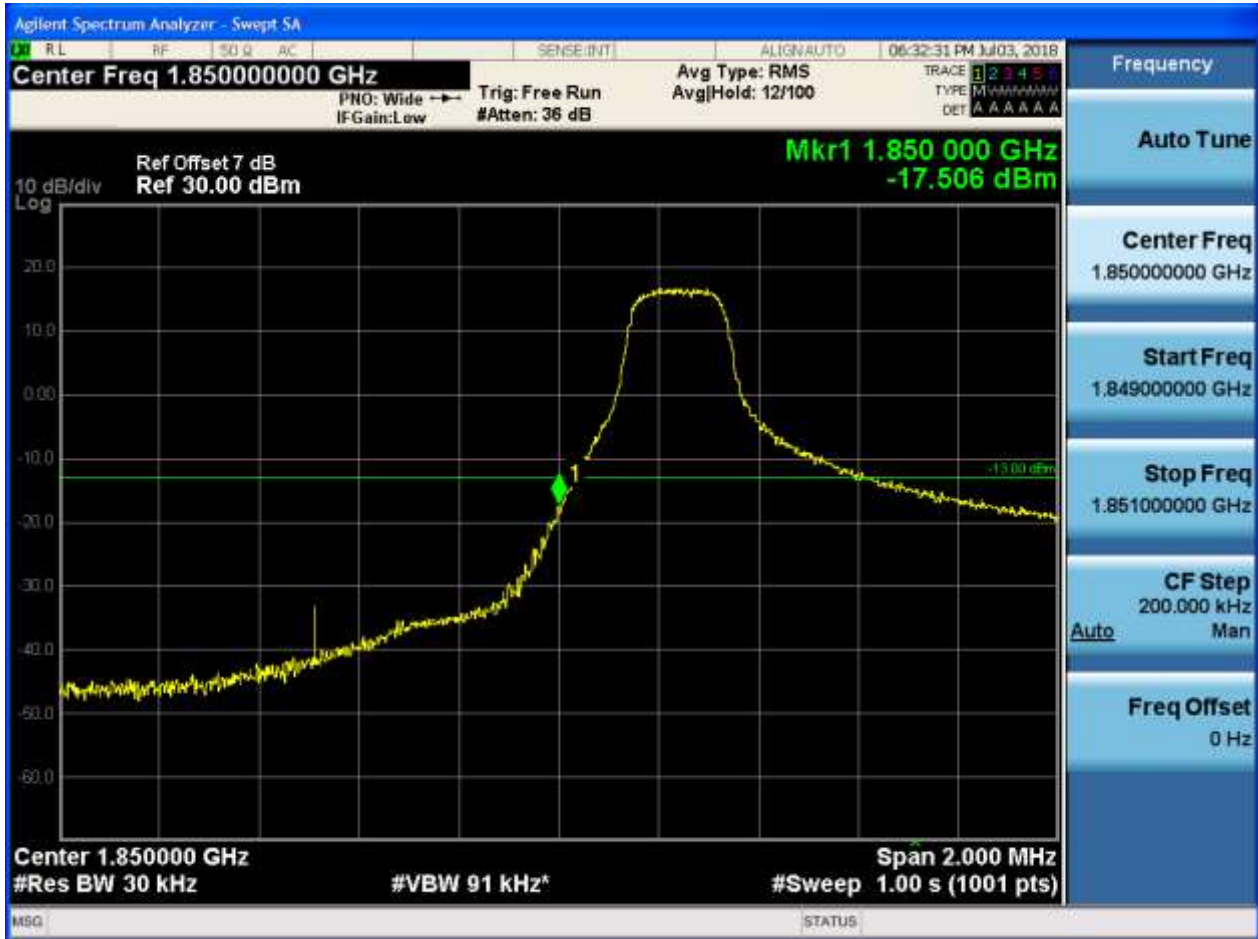




5.1.1.1.2 Test Bandwidth = 3

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



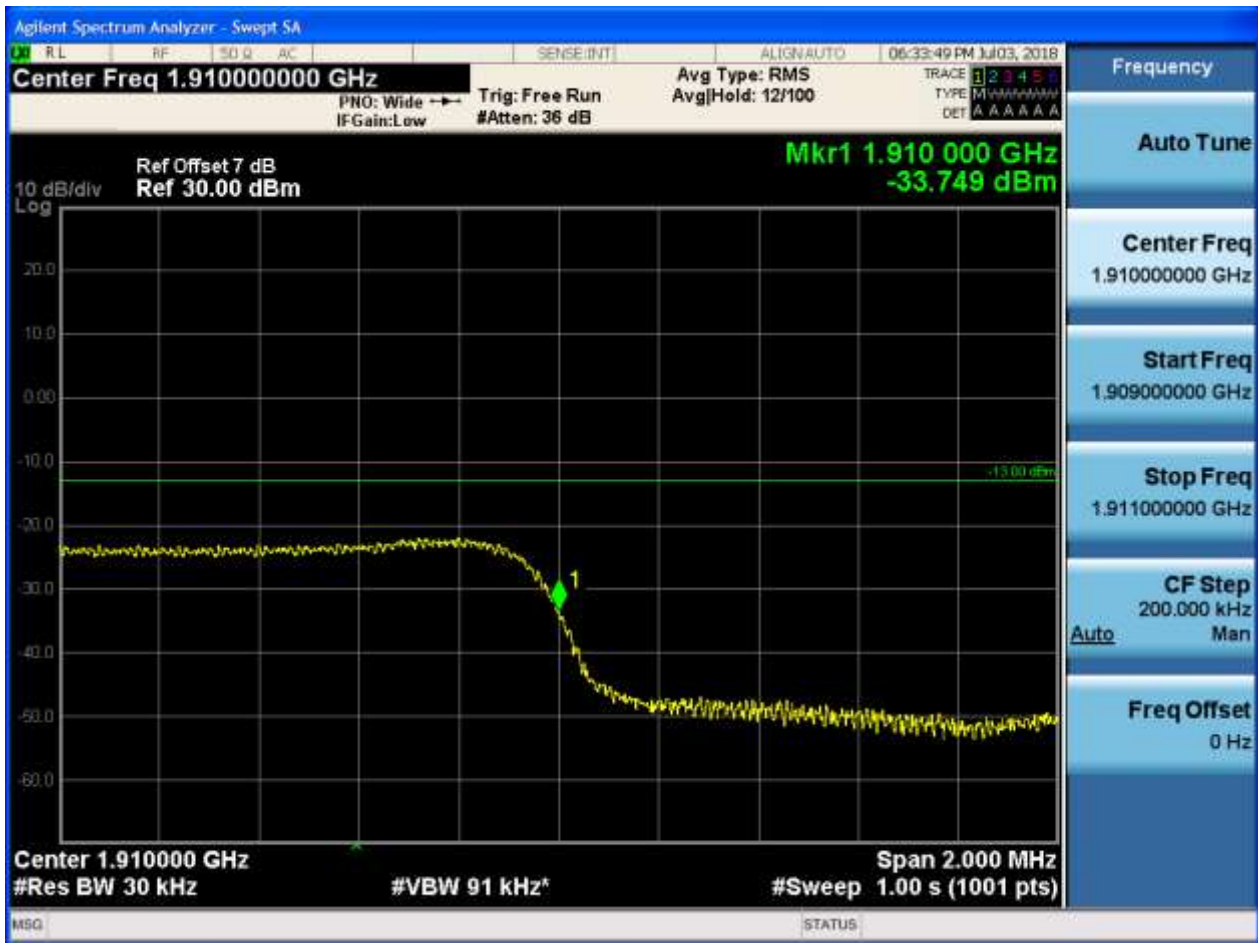


5.1.1.1.2.1.4 Test RB = RB15#0



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 = 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





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 000 GHz
-21.312 dBm

Center 1.910000 GHz
#Res BW 100 kHz
#VBW 300 kHz*
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz



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





5.1.1.1.5.2.3 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

