



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	23.19	23.64	33	PASS
				RB1#3	22.95	23.31	33	PASS
				RB1#5	23.25	23.71	33	PASS
				RB3#0	22.99	23.55	33	PASS
				RB3#2	22.91	23.33	33	PASS
				RB3#3	23.1	23.78	33	PASS
				RB6#0	22.17	22.83	33	PASS
			MCH	RB1#0	23.19	23.83	33	PASS
				RB1#3	23.2	23.84	33	PASS
				RB1#5	23.28	23.97	33	PASS
				RB3#0	23.13	23.77	33	PASS
				RB3#2	22.94	23.41	33	PASS
				RB3#3	23.04	23.62	33	PASS
				RB6#0	22.02	22.75	33	PASS
			HCH	RB1#0	23.18	23.80	33	PASS
				RB1#3	23.03	23.73	33	PASS
				RB1#5	23.19	23.60	33	PASS
				RB3#0	23.03	23.71	33	PASS
				RB3#2	22.77	23.48	33	PASS
				RB3#3	23.05	23.67	33	PASS
				RB6#0	22.09	22.72	33	PASS
		3	LCH	RB1#0	23.15	23.81	33	PASS
				RB1#7	22.62	23.27	33	PASS
				RB1#14	23.12	23.54	33	PASS
				RB8#0	22.15	22.48	33	PASS
				RB8#4	22.06	22.71	33	PASS
				RB8#7	21.98	22.55	33	PASS
				RB15#0	22.1	22.44	33	PASS
			MCH	RB1#0	23.14	23.73	33	PASS
				RB1#7	22.9	23.58	33	PASS
				RB1#14	23.2	23.81	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB8#0	22.06	22.79	33	PASS
				RB8#4	22.05	22.40	33	PASS
				RB8#7	22.13	22.70	33	PASS
				RB15#0	22.23	22.58	33	PASS
			HCH	RB1#0	23.29	23.68	33	PASS
				RB1#7	22.67	23.26	33	PASS
				RB1#14	23.21	23.94	33	PASS
				RB8#0	22.06	22.68	33	PASS
				RB8#4	22.05	22.59	33	PASS
				RB8#7	22.04	22.49	33	PASS
				RB15#0	22.16	22.58	33	PASS
		5	LCH	RB1#0	23.17	23.79	33	PASS
				RB1#13	23.3	23.84	33	PASS
				RB1#24	23.26	23.60	33	PASS
				RB12#0	22.21	22.71	33	PASS
				RB12#6	22.15	22.67	33	PASS
				RB12#13	22.23	22.89	33	PASS
				RB25#0	22.2	22.91	33	PASS
			MCH	RB1#0	23.18	23.81	33	PASS
				RB1#13	23.2	23.91	33	PASS
				RB1#24	23.18	23.76	33	PASS
				RB12#0	22.15	22.86	33	PASS
				RB12#6	22.19	22.91	33	PASS
				RB12#13	22.2	22.73	33	PASS
				RB25#0	22.23	22.60	33	PASS
			HCH	RB1#0	23.11	23.80	33	PASS
				RB1#13	23.29	23.85	33	PASS
				RB1#24	23.07	23.62	33	PASS
				RB12#0	22.32	22.91	33	PASS
				RB12#6	22.1	22.48	33	PASS
				RB12#13	22.2	22.53	33	PASS
				RB25#0	22.23	22.76	33	PASS
		10	LCH	RB1#0	23.21	23.90	33	PASS
				RB1#25	23.24	23.94	33	PASS
				RB1#49	23.1	23.51	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#0	22.15	22.71	33	PASS
				RB25#13	22.21	22.79	33	PASS
				RB25#25	22.24	22.92	33	PASS
				RB50#0	22.2	22.87	33	PASS
			MCH	RB1#0	23.17	23.55	33	PASS
				RB1#25	23.16	23.71	33	PASS
				RB1#49	23.22	23.69	33	PASS
				RB25#0	22.12	22.83	33	PASS
				RB25#13	22.23	22.68	33	PASS
				RB25#25	22.12	22.74	33	PASS
				RB50#0	22.23	22.75	33	PASS
			HCH	RB1#0	23.33	23.70	33	PASS
				RB1#25	23.15	23.75	33	PASS
				RB1#49	23.2	23.74	33	PASS
				RB25#0	22.17	22.82	33	PASS
				RB25#13	22.15	22.59	33	PASS
				RB25#25	22.27	22.64	33	PASS
				RB50#0	22.16	22.55	33	PASS
		15	LCH	RB1#0	23.13	23.75	33	PASS
				RB1#38	23.17	23.76	33	PASS
				RB1#74	23.22	23.59	33	PASS
				RB38#0	22.26	22.98	33	PASS
				RB38#19	22.26	22.78	33	PASS
				RB38#39	22.28	22.90	33	PASS
				RB75#0	22.25	22.72	33	PASS
			MCH	RB1#0	23.22	23.73	33	PASS
				RB1#38	23.14	23.66	33	PASS
				RB1#74	23.2	23.63	33	PASS
				RB38#0	22.21	22.83	33	PASS
				RB38#1	22.24	22.69	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				9				
				RB38#39	22.27	22.85	33	PASS
				RB75#0	22.24	22.65	33	PASS
			HCH	RB1#0	23.2	23.93	33	PASS
				RB1#38	23.28	23.68	33	PASS
				RB1#74	23.23	23.59	33	PASS
				RB38#0	22.28	22.89	33	PASS
				RB38#19	22.3	22.78	33	PASS
				RB38#39	22.22	22.61	33	PASS
				RB75#0	22.22	22.69	33	PASS
		20	LCH	RB1#0	23.27	23.74	33	PASS
				RB1#50	23.12	23.69	33	PASS
				RB1#99	23.35	23.70	33	PASS
				RB50#0	22.27	22.61	33	PASS
				RB50#25	22.11	22.68	33	PASS
				RB50#50	22.24	22.77	33	PASS
				RB100#0	22.24	22.58	33	PASS
			MCH	RB1#0	23.35	24.01	33	PASS
				RB1#50	23.11	23.54	33	PASS
				RB1#99	23.48	23.88	33	PASS
				RB50#0	22.23	22.71	33	PASS
				RB50#25	22.22	22.72	33	PASS
				RB50#50	22.25	22.83	33	PASS
				RB100#0	22.26	22.98	33	PASS
			HCH	RB1#0	23.27	23.96	33	PASS
				RB1#50	23.09	23.72	33	PASS
				RB1#99	23.28	23.91	33	PASS
				RB50#0	22.29	22.74	33	PASS
				RB50#2	22.23	22.59	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				5				
				RB50#50	22.21	22.73	33	PASS
				RB100#0	22.22	22.76	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.44	22.98	33	PASS
				RB1#3	22.04	22.39	33	PASS
				RB1#5	22.52	23.20	33	PASS
				RB3#0	22.18	22.72	33	PASS
				RB3#2	22.1	22.68	33	PASS
				RB3#3	21.96	22.58	33	PASS
				RB6#0	21.22	21.87	33	PASS
			MCH	RB1#0	22.2	22.59	33	PASS
				RB1#3	21.92	22.47	33	PASS
				RB1#5	22.11	22.64	33	PASS
				RB3#0	22.03	22.65	33	PASS
				RB3#2	21.81	22.51	33	PASS
				RB3#3	22.09	22.76	33	PASS
				RB6#0	21.02	21.68	33	PASS
			HCH	RB1#0	22.23	22.71	33	PASS
				RB1#3	22.02	22.56	33	PASS
				RB1#5	22.17	22.81	33	PASS
				RB3#0	22.2	22.61	33	PASS
				RB3#2	21.8	22.27	33	PASS
				RB3#3	22.07	22.50	33	PASS
				RB6#0	21.03	21.53	33	PASS
		3	LCH	RB1#0	22.19	22.75	33	PASS
				RB1#7	21.53	21.94	33	PASS
				RB1#14	22.1	22.83	33	PASS
				RB8#0	21.1	21.64	33	PASS
				RB8#4	21	21.40	33	PASS
				RB8#7	21.12	21.53	33	PASS
				RB15#0	21.07	21.65	33	PASS
			MCH	RB1#0	22.25	22.73	33	PASS
				RB1#7	21.25	21.93	33	PASS
				RB1#14	22.13	22.73	33	PASS
				RB8#0	21.05	21.56	33	PASS
				RB8#4	21.01	21.57	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB8#7	21.14	21.86	33	PASS
				RB15#0	21.07	21.55	33	PASS
			HCH	RB1#0	22.48	23.14	33	PASS
				RB1#7	21.81	22.41	33	PASS
				RB1#14	22.35	22.85	33	PASS
				RB8#0	21.08	21.63	33	PASS
				RB8#4	21.13	21.71	33	PASS
				RB8#7	21.14	21.58	33	PASS
				RB15#0	21.17	21.58	33	PASS
		5	LCH	RB1#0	22.24	22.63	33	PASS
				RB1#13	22.07	22.44	33	PASS
				RB1#24	22.05	22.63	33	PASS
				RB12#0	21.2	21.86	33	PASS
				RB12#6	21.06	21.60	33	PASS
				RB12#13	21.1	21.59	33	PASS
				RB25#0	21.04	21.57	33	PASS
			MCH	RB1#0	22.26	22.70	33	PASS
				RB1#13	22.38	22.89	33	PASS
				RB1#24	22.26	22.66	33	PASS
				RB12#0	21.15	21.53	33	PASS
				RB12#6	21.21	21.71	33	PASS
				RB12#13	21.24	21.95	33	PASS
				RB25#0	21.07	21.49	33	PASS
			HCH	RB1#0	22.55	23.25	33	PASS
				RB1#13	22.48	23.04	33	PASS
				RB1#24	22.33	23.06	33	PASS
				RB12#0	21.25	21.74	33	PASS
				RB12#6	21.14	21.53	33	PASS
				RB12#13	21.13	21.78	33	PASS
				RB25#0	21.07	21.48	33	PASS
		10	LCH	RB1#0	22.44	22.92	33	PASS
				RB1#25	22.14	22.68	33	PASS
				RB1#49	22.43	23.03	33	PASS
				RB25#0	21.18	21.68	33	PASS
				RB25#1	21.05	21.64	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				3				
				RB25#25	21.15	21.60	33	PASS
				RB50#0	21.01	21.43	33	PASS
			MCH	RB1#0	22.42	23.13	33	PASS
				RB1#25	22.24	22.68	33	PASS
				RB1#49	22.49	22.83	33	PASS
				RB25#0	21.21	21.86	33	PASS
				RB25#13	21.09	21.43	33	PASS
				RB25#25	21.19	21.60	33	PASS
				RB50#0	21.2	21.64	33	PASS
			HCH	RB1#0	22.61	23.12	33	PASS
				RB1#25	22.48	22.90	33	PASS
				RB1#49	22.54	23.24	33	PASS
				RB25#0	21.05	21.62	33	PASS
				RB25#13	21.04	21.48	33	PASS
				RB25#25	21.2	21.68	33	PASS
				RB50#0	21.05	21.54	33	PASS
		15	LCH	RB1#0	22.21	22.56	33	PASS
				RB1#38	22.25	22.78	33	PASS
				RB1#74	22.26	22.82	33	PASS
				RB38#0	21.21	21.83	33	PASS
				RB38#19	21.18	21.72	33	PASS
				RB38#39	21.17	21.54	33	PASS
				RB75#0	21.19	21.68	33	PASS
			MCH	RB1#0	22.48	23.13	33	PASS
				RB1#38	22.44	23.01	33	PASS
				RB1#74	22.43	22.78	33	PASS
				RB38#0	21.17	21.52	33	PASS
				RB38#19	21.24	21.87	33	PASS
				RB38#3	21.15	21.68	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				9				
				RB75#0	21.2	21.76	33	PASS
			HCH	RB1#0	22.49	22.84	33	PASS
				RB1#38	22.43	22.98	33	PASS
				RB1#74	22.5	23.18	33	PASS
				RB38#0	21.26	21.69	33	PASS
				RB38#19	21.09	21.52	33	PASS
				RB38#39	21.17	21.70	33	PASS
				RB75#0	21.18	21.88	33	PASS
		20	LCH	RB1#0	22.69	23.33	33	PASS
				RB1#50	22.21	22.77	33	PASS
				RB1#99	22.67	23.19	33	PASS
				RB50#0	21.16	21.67	33	PASS
				RB50#25	21.02	21.40	33	PASS
				RB50#50	21.15	21.69	33	PASS
				RB100#0	21.15	21.67	33	PASS
			MCH	RB1#0	22.4	22.84	33	PASS
				RB1#50	22.09	22.78	33	PASS
				RB1#99	22.53	23.09	33	PASS
				RB50#0	21.07	21.77	33	PASS
				RB50#25	21.11	21.56	33	PASS
				RB50#50	21.14	21.72	33	PASS
				RB100#0	21.11	21.48	33	PASS
			HCH	RB1#0	22.42	22.95	33	PASS
				RB1#50	22.15	22.72	33	PASS
				RB1#99	22.4	22.93	33	PASS
				RB50#0	21.24	21.91	33	PASS
				RB50#25	21.22	21.58	33	PASS
				RB50#5	21.12	21.58	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				0				
				RB100#0	21.09	21.61	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:

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

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

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

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	5.36	13	PASS
				RB1#3	5.36	13	PASS
				RB1#5	5.27	13	PASS
				RB3#0	5.27	13	PASS
				RB3#2	5.3	13	PASS
				RB3#3	5.25	13	PASS
				RB6#0	6.02	13	PASS
			MCH	RB1#0	5.14	13	PASS
				RB1#3	5.26	13	PASS
				RB1#5	5.18	13	PASS
				RB3#0	5.75	13	PASS
				RB3#2	5.68	13	PASS
				RB3#3	5.81	13	PASS
				RB6#0	6.23	13	PASS
			HCH	RB1#0	4.58	13	PASS
				RB1#3	4.61	13	PASS
				RB1#5	4.37	13	PASS
				RB3#0	5.06	13	PASS
				RB3#2	4.99	13	PASS
				RB3#3	4.93	13	PASS
				RB6#0	6.22	13	PASS
		3	LCH	RB1#0	4.92	13	PASS
				RB1#7	5.27	13	PASS
				RB1#14	5.05	13	PASS
				RB8#0	5.97	13	PASS
				RB8#4	5.9	13	PASS
				RB8#7	5.99	13	PASS
				RB15#0	6.05	13	PASS
			MCH	RB1#0	5.46	13	PASS
				RB1#7	5.34	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	5.2	13	PASS
				RB8#0	6.28	13	PASS
				RB8#4	6.16	13	PASS
				RB8#7	6.15	13	PASS
				RB15#0	6.11	13	PASS
			HCH	RB1#0	4.89	13	PASS
				RB1#7	4.87	13	PASS
				RB1#14	4.53	13	PASS
				RB8#0	6	13	PASS
				RB8#4	5.91	13	PASS
				RB8#7	5.76	13	PASS
				RB15#0	5.8	13	PASS
		5	LCH	RB1#0	4.84	13	PASS
				RB1#13	4.91	13	PASS
				RB1#24	4.71	13	PASS
				RB12#0	6.06	13	PASS
				RB12#6	6.07	13	PASS
				RB12#13	6.06	13	PASS
				RB25#0	6.07	13	PASS
			MCH	RB1#0	5.04	13	PASS
				RB1#13	5.28	13	PASS
				RB1#24	5.03	13	PASS
				RB12#0	6.3	13	PASS
				RB12#6	6.22	13	PASS
				RB12#13	6.35	13	PASS
				RB25#0	6.47	13	PASS
			HCH	RB1#0	5.06	13	PASS
				RB1#13	4.69	13	PASS
				RB1#24	4.3	13	PASS
				RB12#0	6.11	13	PASS
				RB12#6	6.02	13	PASS
				RB12#13	5.91	13	PASS
				RB25#0	6.13	13	PASS
		10	LCH	RB1#0	4.92	13	PASS
				RB1#25	4.93	13	PASS
				RB1#49	5.1	13	PASS
				RB25#0	6.08	13	PASS
				RB25#13	6.12	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.1	13	PASS
				RB50#0	6.19	13	PASS
			MCH	RB1#0	5.19	13	PASS
				RB1#25	5.14	13	PASS
				RB1#49	5.14	13	PASS
				RB25#0	6.26	13	PASS
				RB25#13	6.15	13	PASS
				RB25#25	6.13	13	PASS
				RB50#0	6.48	13	PASS
			HCH	RB1#0	5.2	13	PASS
				RB1#25	5.26	13	PASS
				RB1#49	4.48	13	PASS
				RB25#0	6.3	13	PASS
				RB25#13	6.24	13	PASS
				RB25#25	6.17	13	PASS
				RB50#0	6.28	13	PASS
		15	LCH	RB1#0	4.74	13	PASS
				RB1#38	4.69	13	PASS
				RB1#74	4.96	13	PASS
				RB38#0	6.28	13	PASS
				RB38#19	6.32	13	PASS
				RB38#39	6.58	13	PASS
				RB75#0	6.61	13	PASS
			MCH	RB1#0	5.71	13	PASS
				RB1#38	5.42	13	PASS
				RB1#74	5.41	13	PASS
				RB38#0	6.65	13	PASS
				RB38#19	6.44	13	PASS
				RB38#39	6.53	13	PASS
				RB75#0	6.59	13	PASS
			HCH	RB1#0	5.1	13	PASS
				RB1#38	5.43	13	PASS
				RB1#74	4.62	13	PASS
				RB38#0	6.64	13	PASS
				RB38#19	6.81	13	PASS
				RB38#39	6.46	13	PASS
				RB75#0	6.61	13	PASS
		20	LCH	RB1#0	4.9	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	5.21	13	PASS
				RB1#99	5.65	13	PASS
				RB50#0	6.33	13	PASS
				RB50#25	6.41	13	PASS
				RB50#50	6.72	13	PASS
				RB100#0	6.82	13	PASS
			MCH	RB1#0	5.23	13	PASS
				RB1#50	5.04	13	PASS
				RB1#99	5.03	13	PASS
				RB50#0	6.78	13	PASS
				RB50#25	6.56	13	PASS
				RB50#50	6.7	13	PASS
				RB100#0	6.5	13	PASS
			HCH	RB1#0	4.99	13	PASS
				RB1#50	5.34	13	PASS
				RB1#99	4.76	13	PASS
				RB50#0	6.33	13	PASS
				RB50#25	6.58	13	PASS
				RB50#50	6.31	13	PASS
				RB100#0	6.63	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	6.05	13	PASS
				RB1#3	6.29	13	PASS
				RB1#5	5.96	13	PASS
				RB3#0	6.44	13	PASS
				RB3#2	6.45	13	PASS
				RB3#3	6.41	13	PASS
				RB6#0	6.84	13	PASS
			MCH	RB1#0	0	13	PASS
				RB1#3	6.04	13	PASS
				RB1#5	5.97	13	PASS
				RB3#0	6.33	13	PASS
				RB3#2	6.37	13	PASS
				RB3#3	6.31	13	PASS
				RB6#0	6.71	13	PASS
			HCH	RB1#0	5.83	13	PASS
				RB1#3	6.06	13	PASS
				RB1#5	5.63	13	PASS
				RB3#0	6.53	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3		RB3#2	6.65	13	PASS
				RB3#3	6.29	13	PASS
				RB6#0	7.02	13	PASS
			LCH	RB1#0	6.09	13	PASS
				RB1#7	6.37	13	PASS
				RB1#14	6.11	13	PASS
				RB8#0	6.9	13	PASS
				RB8#4	7	13	PASS
				RB8#7	6.91	13	PASS
				RB15#0	7.11	13	PASS
			MCH	RB1#0	6.03	13	PASS
				RB1#7	6.06	13	PASS
				RB1#14	6.09	13	PASS
				RB8#0	6.98	13	PASS
				RB8#4	6.94	13	PASS
				RB8#7	7.08	13	PASS
				RB15#0	6.88	13	PASS
			HCH	RB1#0	5.78	13	PASS
				RB1#7	5.87	13	PASS
				RB1#14	5.33	13	PASS
				RB8#0	6.65	13	PASS
				RB8#4	6.74	13	PASS
				RB8#7	6.56	13	PASS
				RB15#0	6.58	13	PASS
		5	LCH	RB1#0	5.98	13	PASS
				RB1#13	5.93	13	PASS
				RB1#24	6.02	13	PASS
				RB12#0	7.07	13	PASS
				RB12#6	7.06	13	PASS
				RB12#13	7.05	13	PASS
				RB25#0	7	13	PASS
			MCH	RB1#0	5.87	13	PASS
				RB1#13	5.8	13	PASS
				RB1#24	6.01	13	PASS
				RB12#0	7.27	13	PASS
				RB12#6	7.23	13	PASS
				RB12#13	7.28	13	PASS
				RB25#0	7.1	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	5.47	13	PASS
				RB1#13	5.16	13	PASS
				RB1#24	4.94	13	PASS
				RB12#0	7.08	13	PASS
				RB12#6	6.97	13	PASS
				RB12#13	6.97	13	PASS
				RB25#0	6.92	13	PASS
		10	LCH	RB1#0	6.18	13	PASS
				RB1#25	6.07	13	PASS
				RB1#49	6.33	13	PASS
				RB25#0	6.99	13	PASS
				RB25#13	7.04	13	PASS
				RB25#25	7.03	13	PASS
				RB50#0	7.15	13	PASS
			MCH	RB1#0	6.36	13	PASS
				RB1#25	5.98	13	PASS
				RB1#49	6.12	13	PASS
				RB25#0	7.47	13	PASS
				RB25#13	7.36	13	PASS
				RB25#25	7.32	13	PASS
				RB50#0	7.44	13	PASS
			HCH	RB1#0	5.69	13	PASS
				RB1#25	5.8	13	PASS
				RB1#49	5.42	13	PASS
				RB25#0	7.28	13	PASS
				RB25#13	7.31	13	PASS
				RB25#25	7.21	13	PASS
				RB50#0	7.01	13	PASS
		15	LCH	RB1#0	5.97	13	PASS
				RB1#38	5.77	13	PASS
				RB1#74	6.25	13	PASS
				RB38#0	7.2	13	PASS
				RB38#19	7.11	13	PASS
				RB38#39	7.45	13	PASS
				RB75#0	7.47	13	PASS
			MCH	RB1#0	6.31	13	PASS
				RB1#38	5.87	13	PASS
				RB1#74	6.15	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#0	7.55	13	PASS
				RB38#19	7.36	13	PASS
				RB38#39	7.39	13	PASS
				RB75#0	7.4	13	PASS
			HCH	RB1#0	5.7	13	PASS
				RB1#38	5.86	13	PASS
				RB1#74	5.63	13	PASS
				RB38#0	7.34	13	PASS
				RB38#19	7.51	13	PASS
				RB38#39	7.29	13	PASS
				RB75#0	7.44	13	PASS
		20	LCH	RB1#0	5.96	13	PASS
				RB1#50	6.08	13	PASS
				RB1#99	6.59	13	PASS
				RB50#0	7.26	13	PASS
				RB50#25	7.19	13	PASS
				RB50#50	7.52	13	PASS
				RB100#0	7.68	13	PASS
			MCH	RB1#0	6.3	13	PASS
				RB1#50	5.85	13	PASS
				RB1#99	6.23	13	PASS
				RB50#0	7.76	13	PASS
				RB50#25	7.53	13	PASS
				RB50#50	7.61	13	PASS
				RB100#0	7.42	13	PASS
			HCH	RB1#0	5.62	13	PASS
				RB1#50	5.98	13	PASS
				RB1#99	5.51	13	PASS
				RB50#0	7.19	13	PASS
				RB50#25	7.48	13	PASS
				RB50#50	7.28	13	PASS
				RB100#0	7.49	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

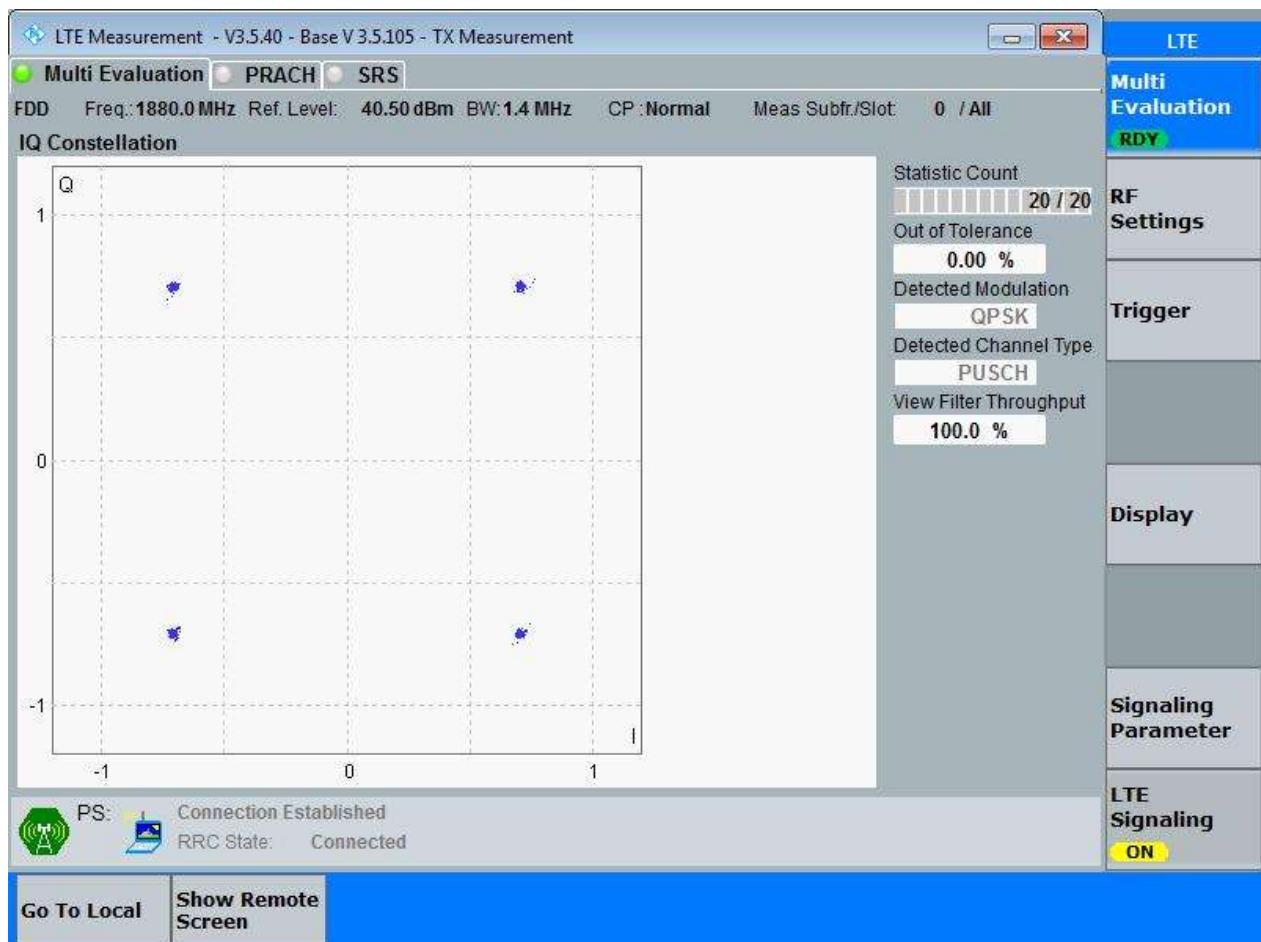
3.1.1 Test Band = BAND2

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

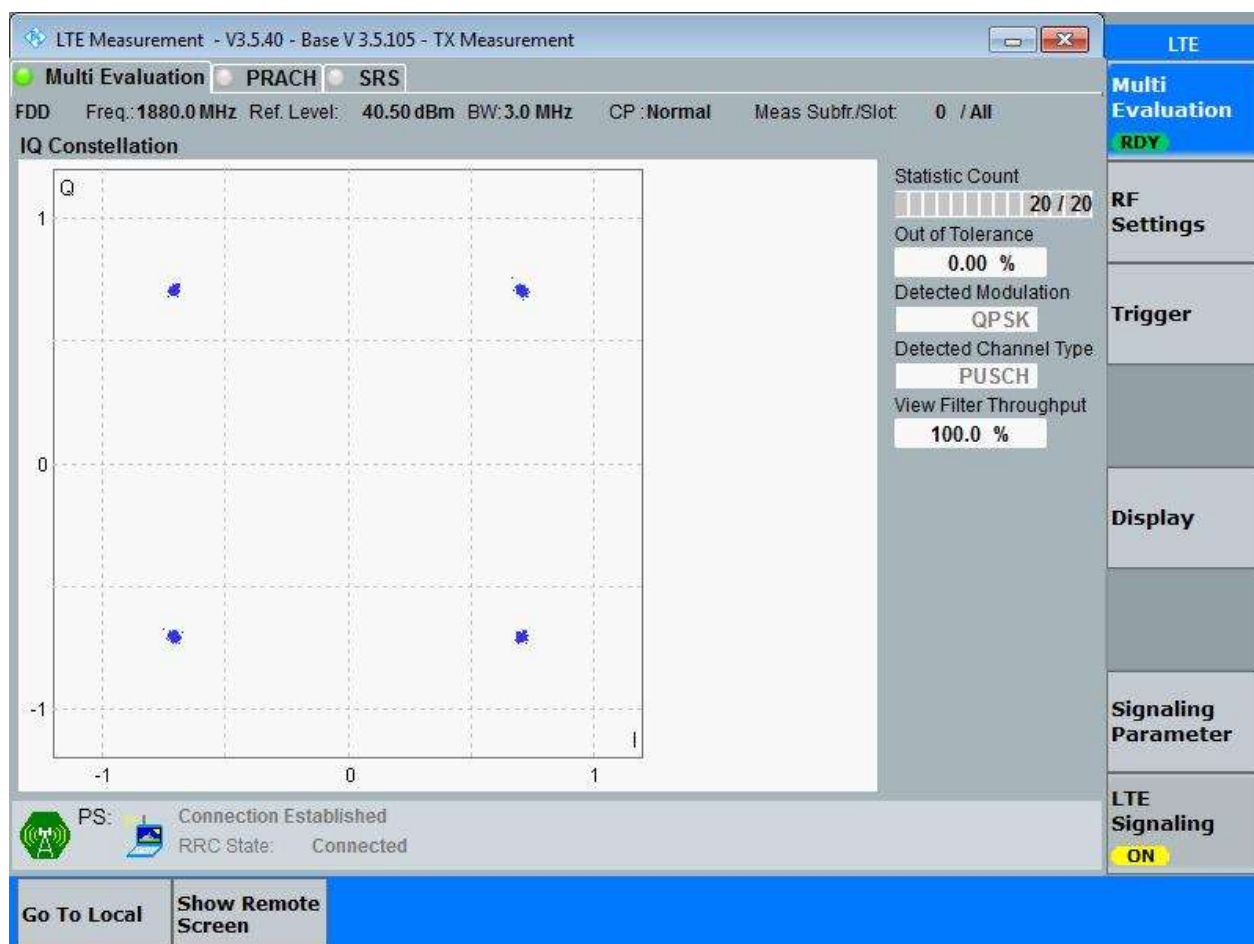
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

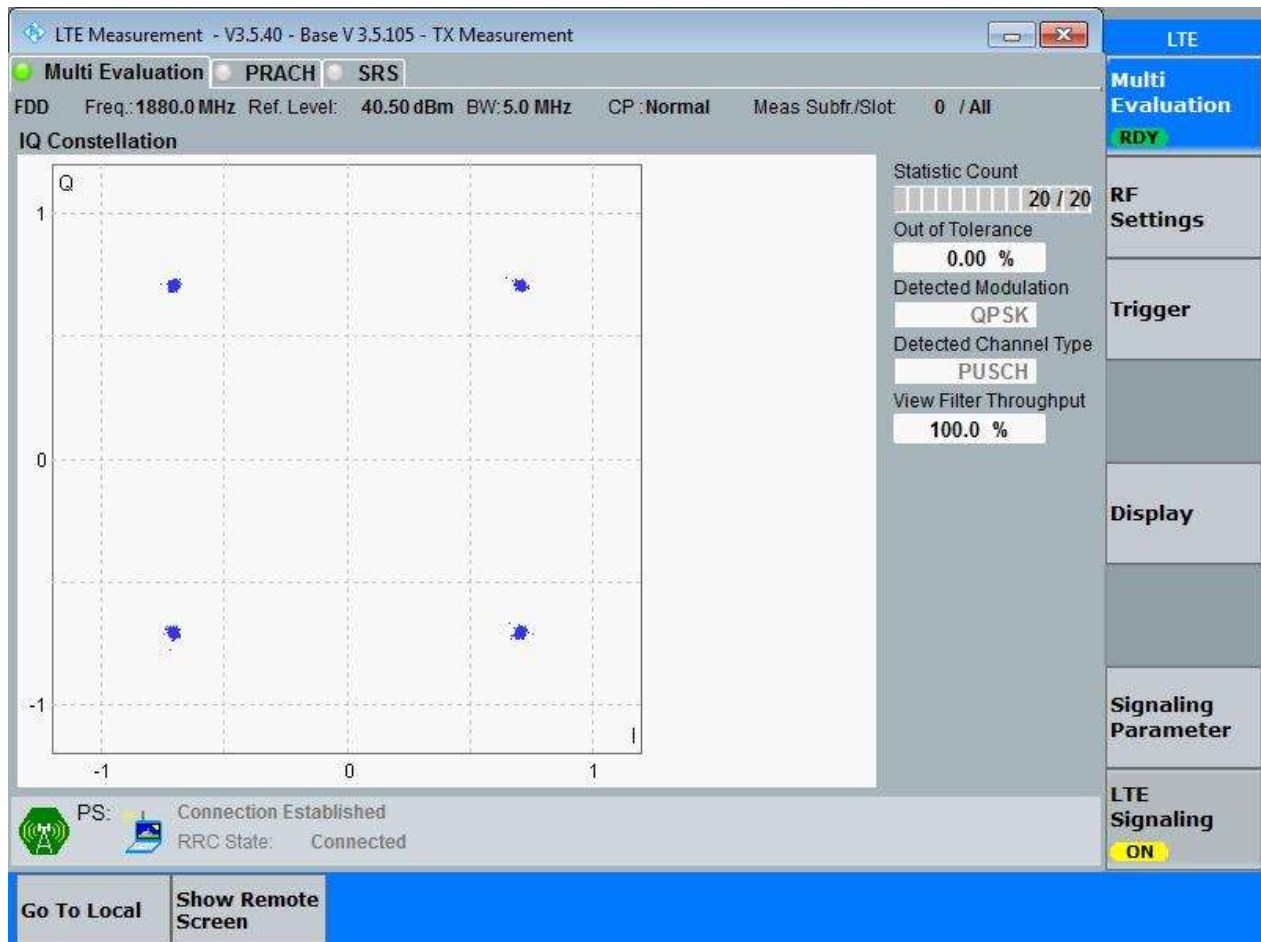
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

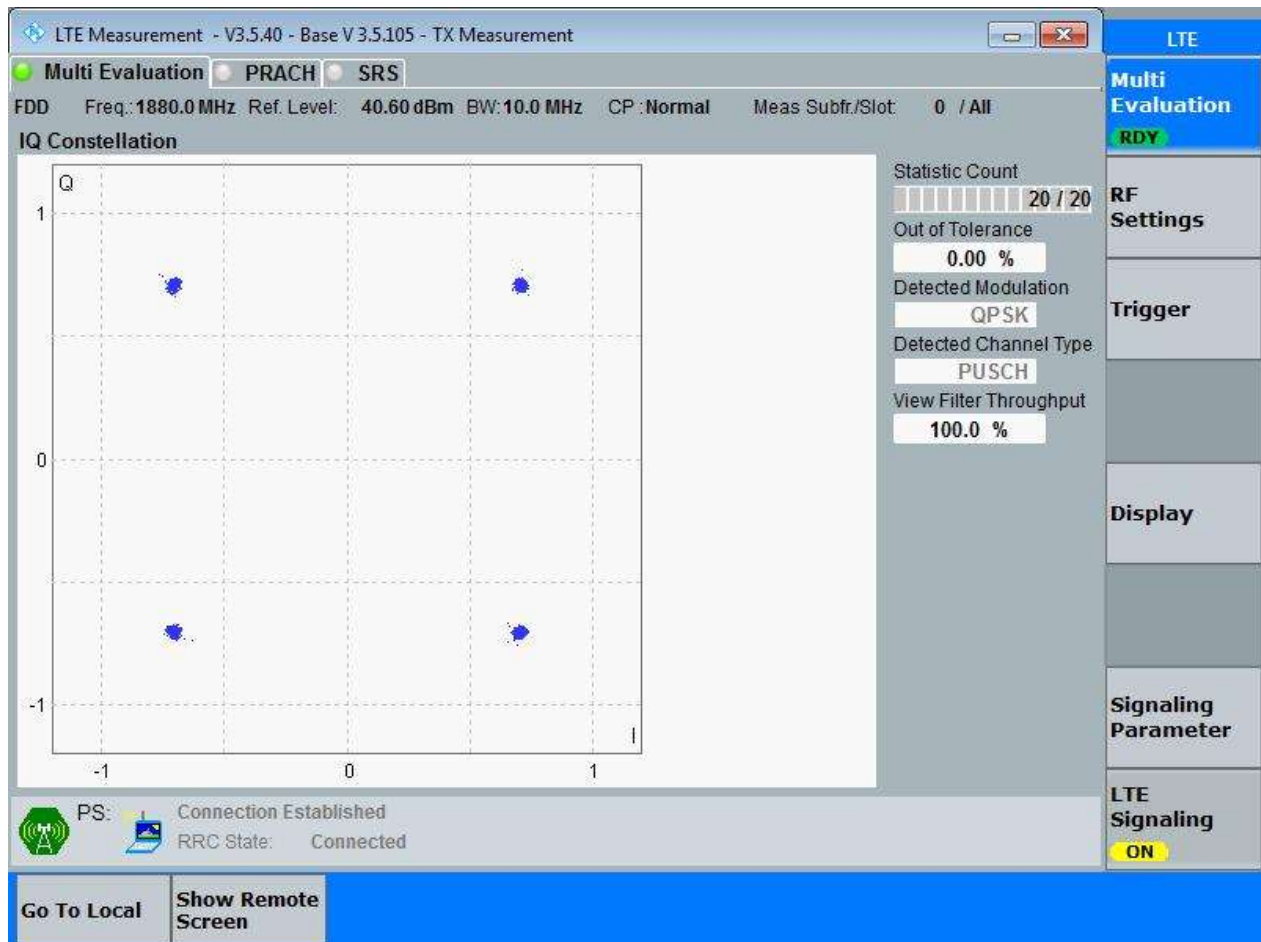
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

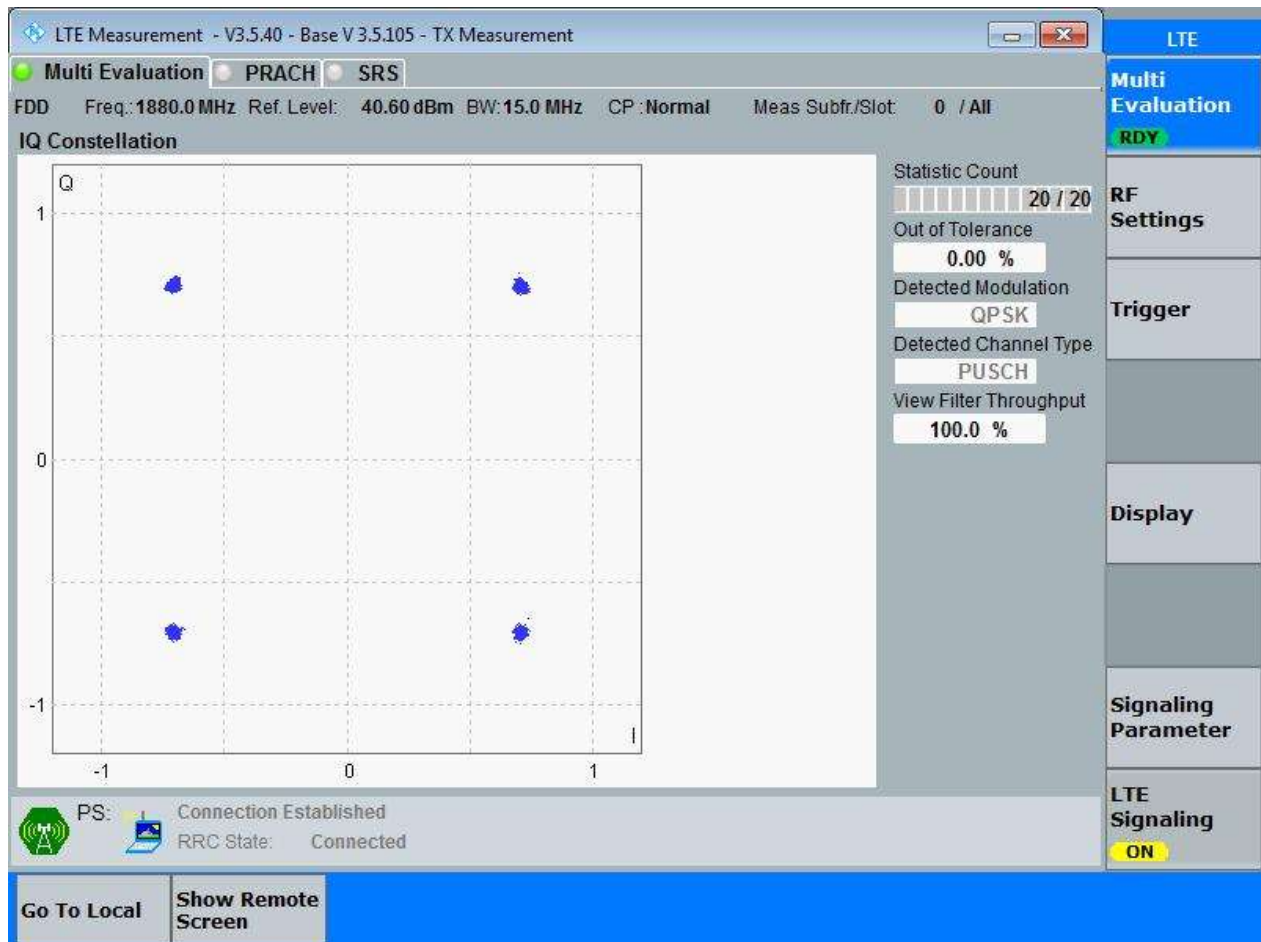
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

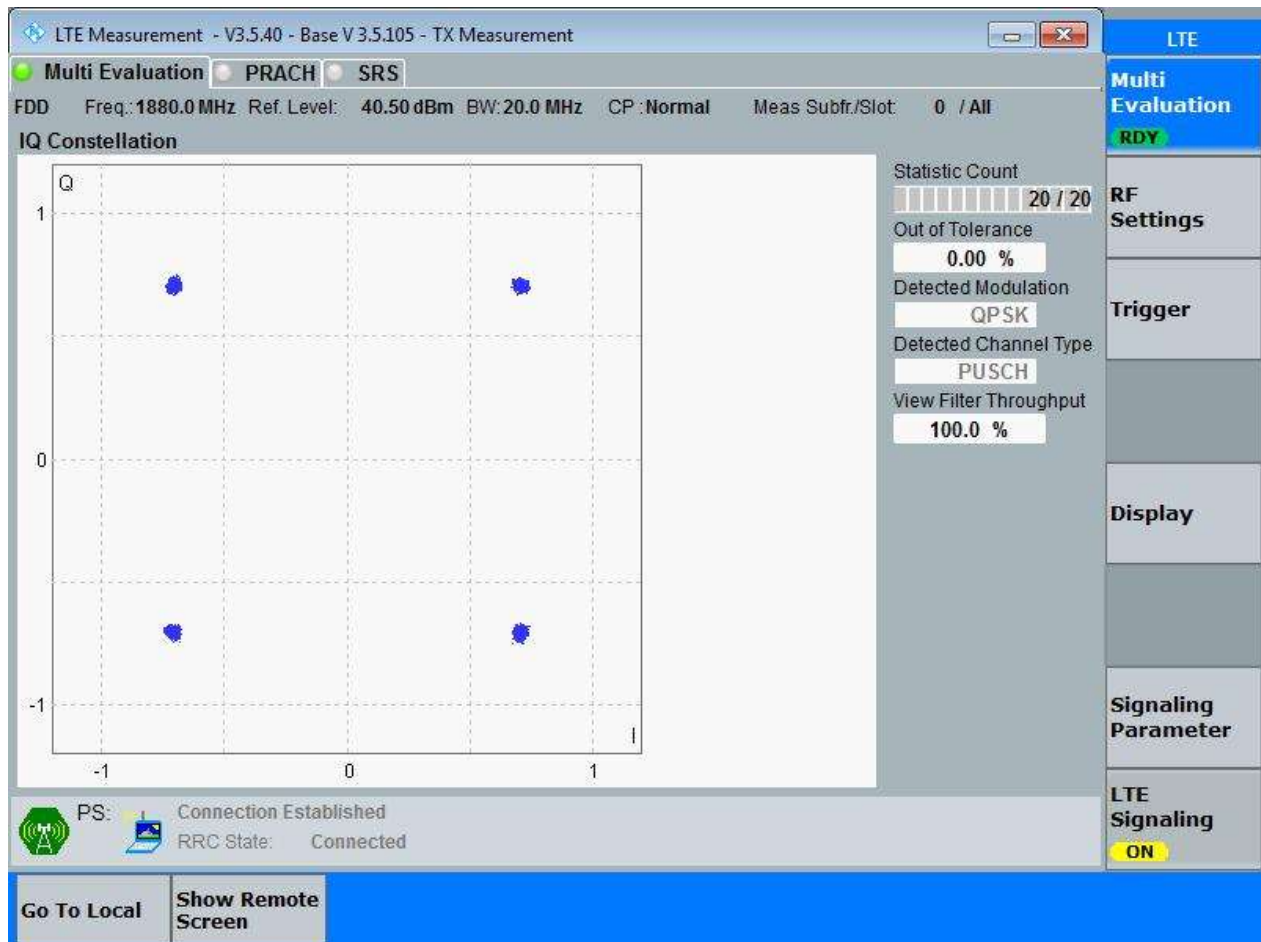
3.1.1.1.5.1.1 Test RB = RB75#0



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

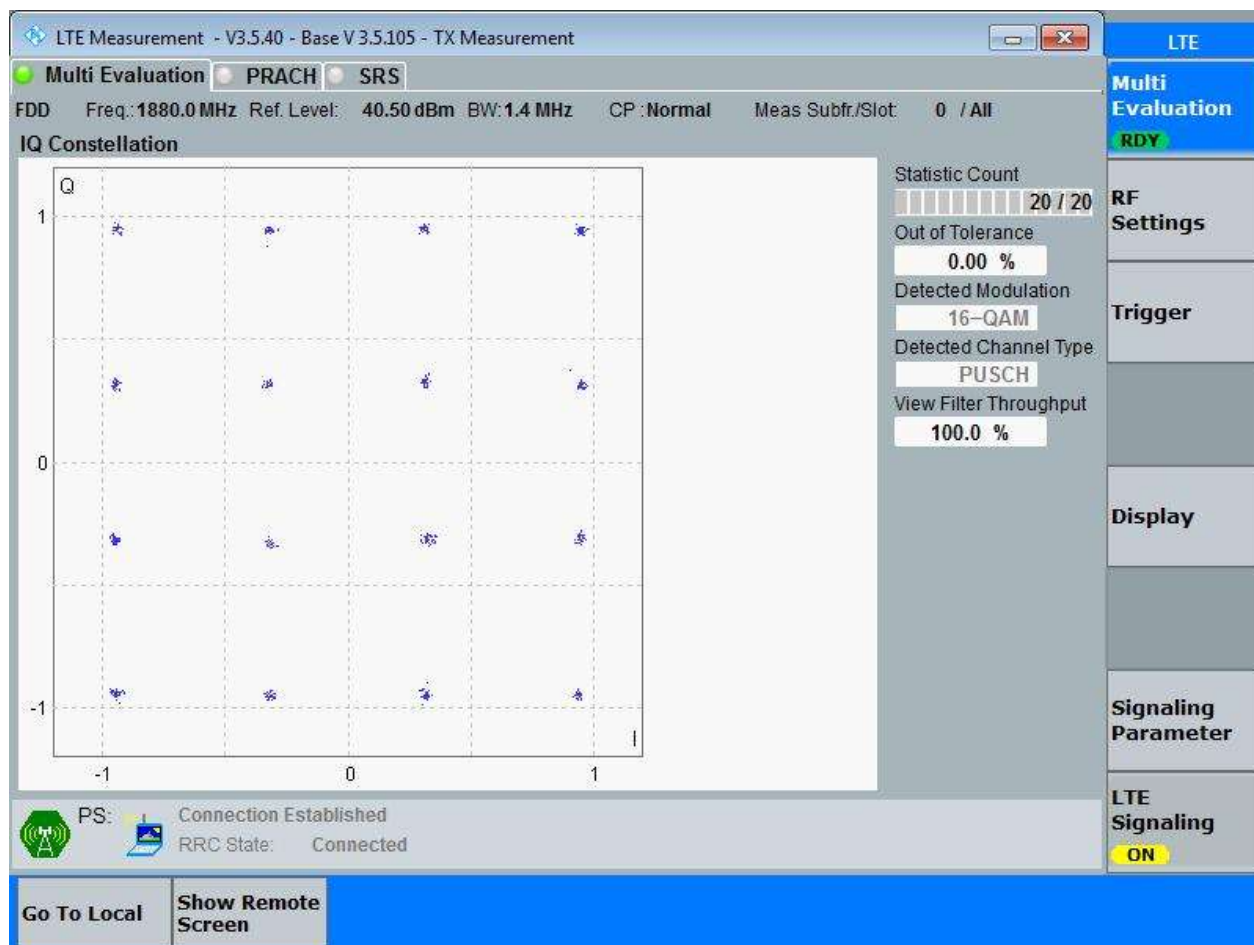


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

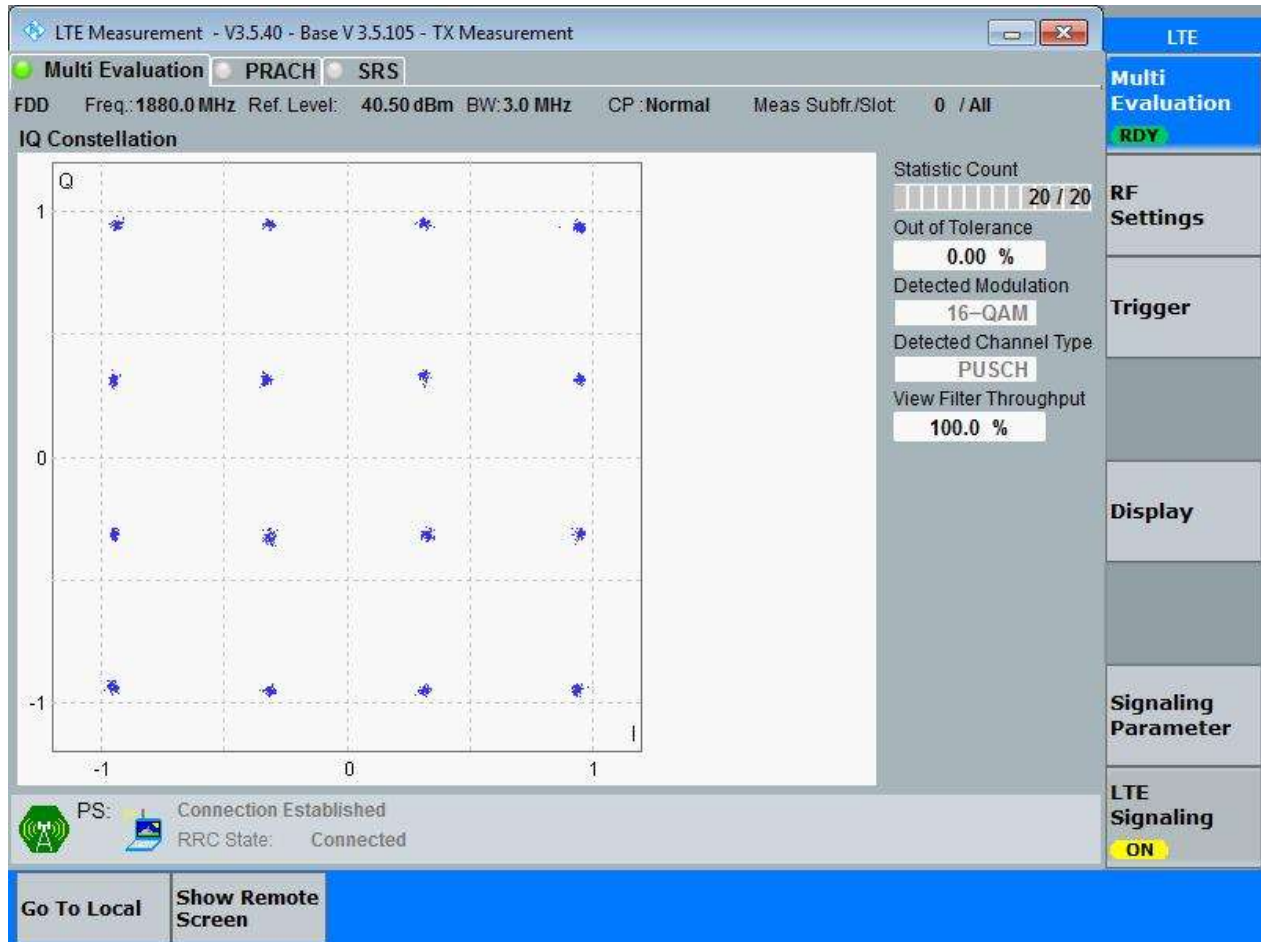
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

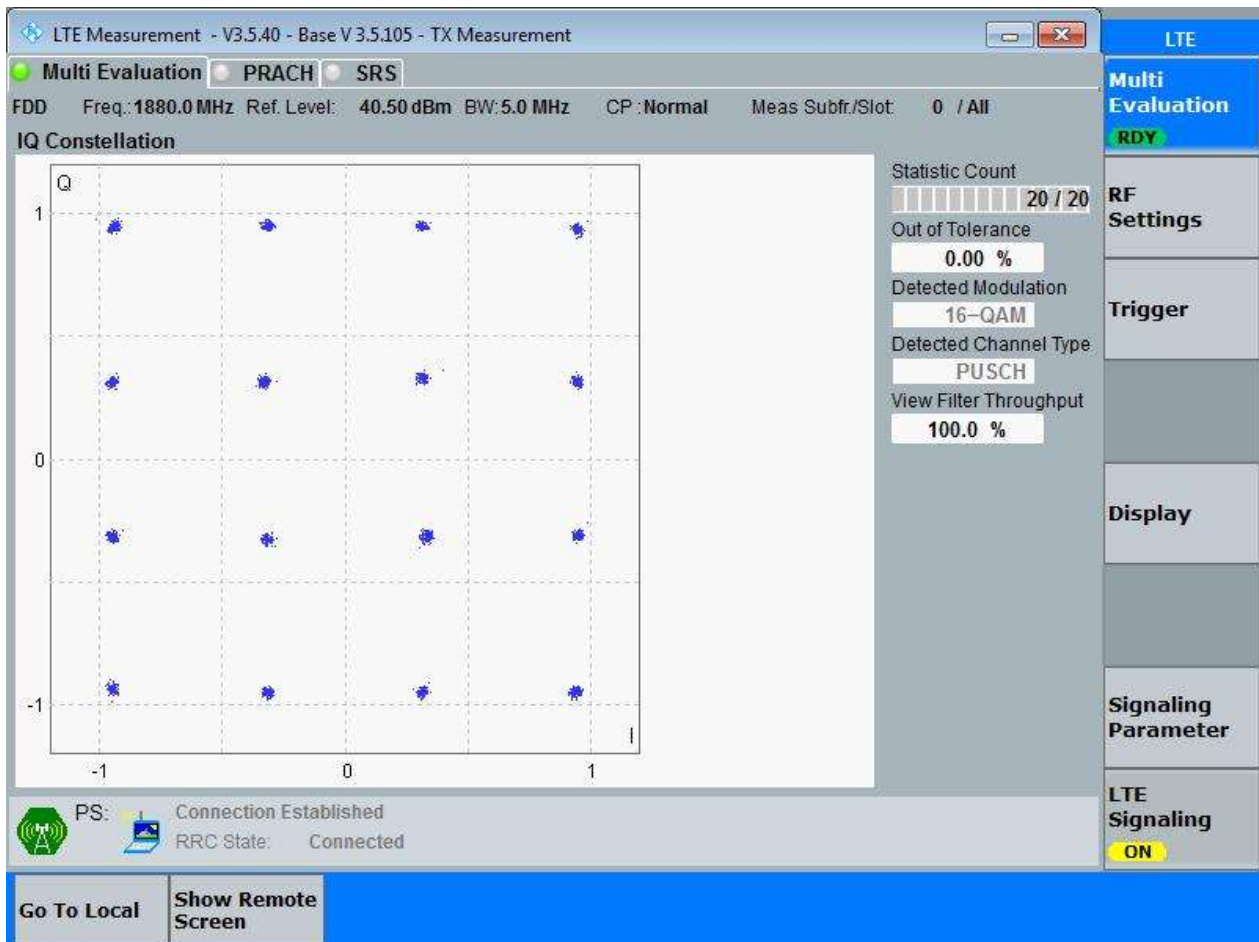
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

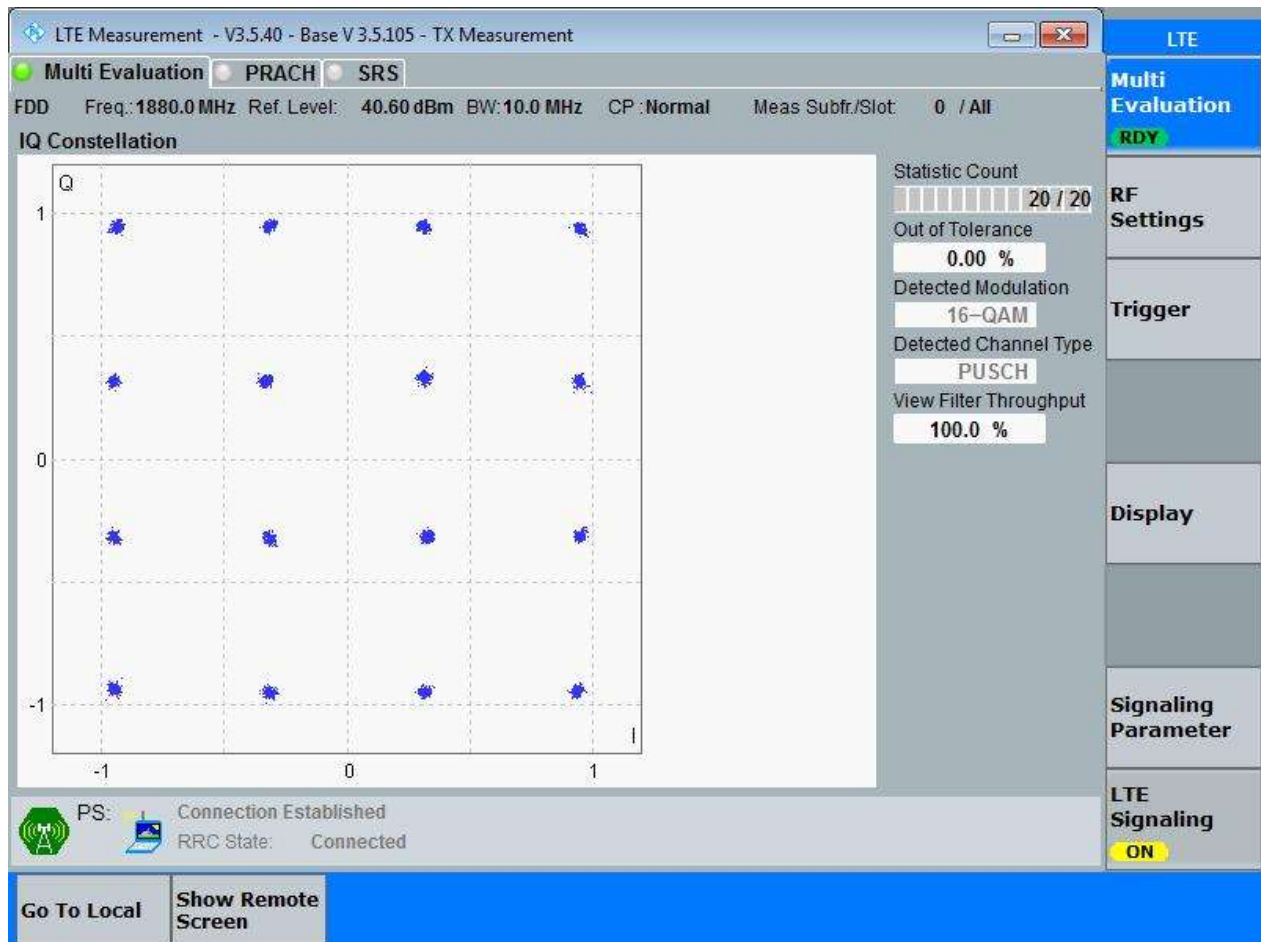
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

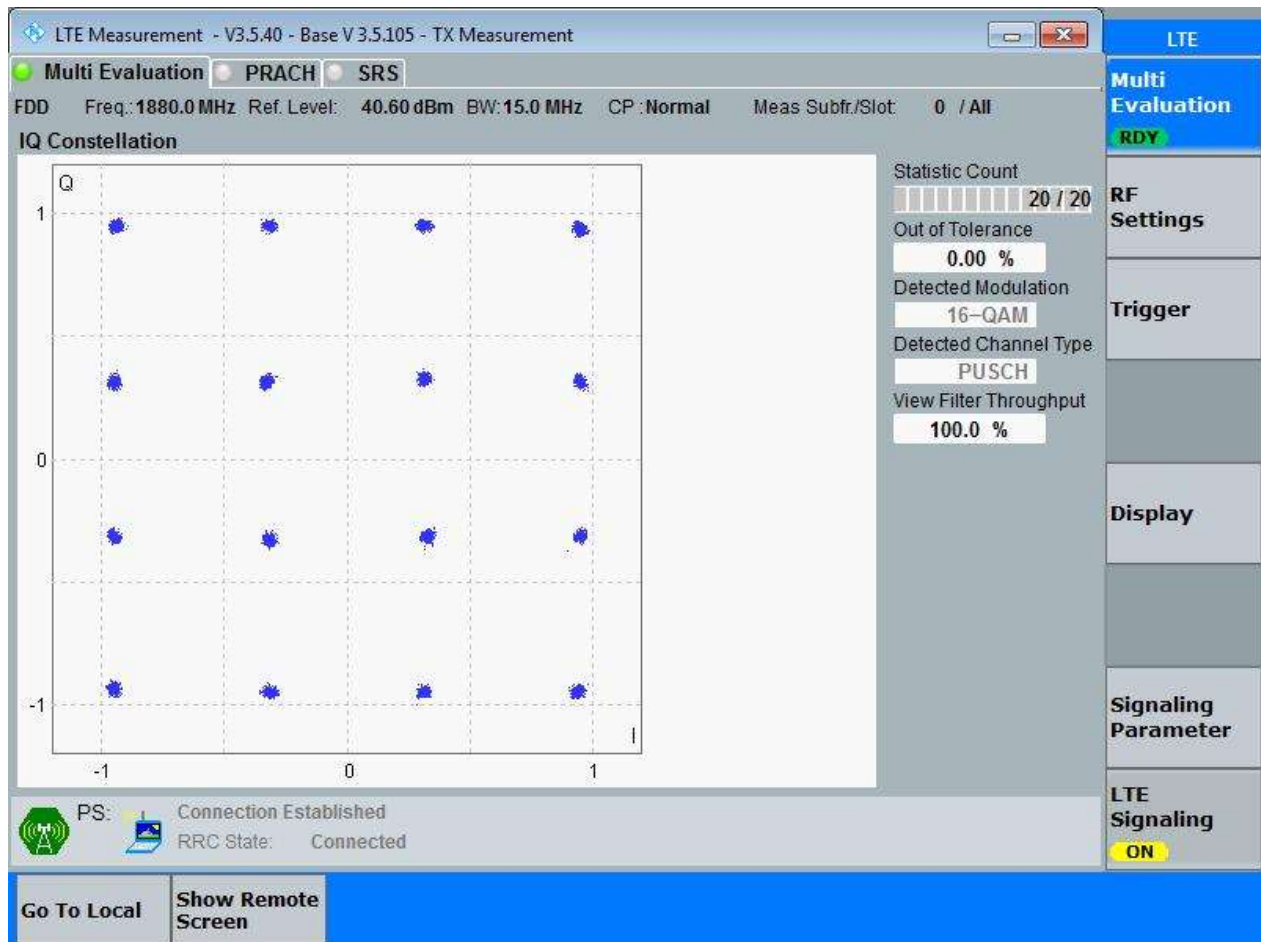
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

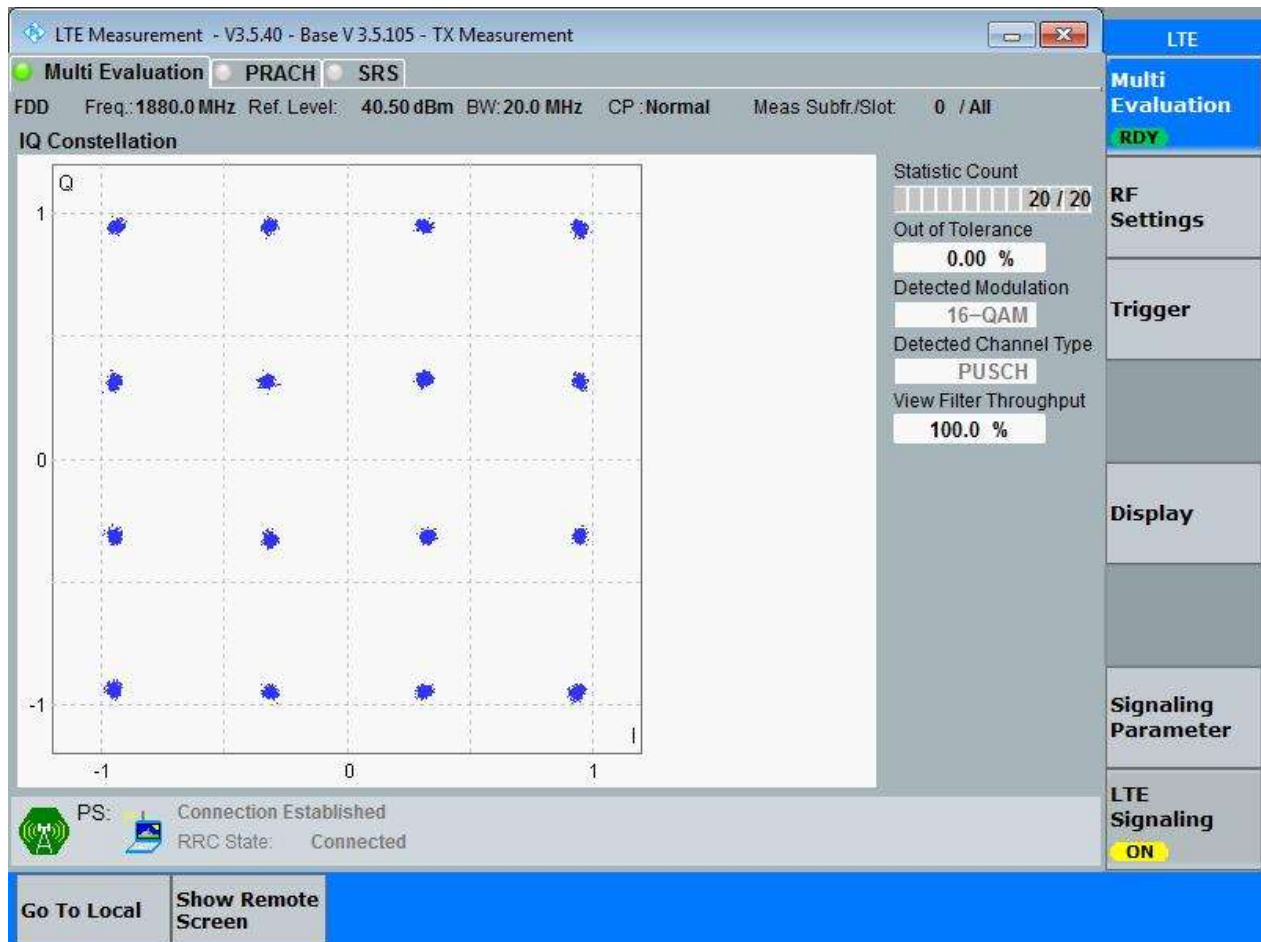
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.53	4.97	Pass
			MCH	RB25#0	4.51	4.95	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	9.01	9.94	Pass
			MCH	RB50#0	8.98	9.87	Pass
			HCH	RB50#0	8.96	9.87	Pass
		15	LCH	RB75#0	13.55	15.09	Pass
			MCH	RB75#0	13.47	14.95	Pass
			HCH	RB75#0	13.49	14.96	Pass
		20	LCH	RB100#0	18.08	19.93	Pass
			MCH	RB100#0	17.92	19.69	Pass
			HCH	RB100#0	18.02	19.80	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.98	Pass
			MCH	RB15#0	2.70	2.99	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	9.01	9.91	Pass
			MCH	RB50#0	8.98	9.91	Pass
			HCH	RB50#0	8.97	9.83	Pass
		15	LCH	RB75#0	13.53	15.14	Pass
			MCH	RB75#0	13.44	14.94	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB75#0	13.45	14.97	Pass
		20	LCH	RB100#0	18.09	19.95	Pass
			MCH	RB100#0	17.93	19.77	Pass
			HCH	RB100#0	18.01	19.84	Pass



Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = BAND2

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

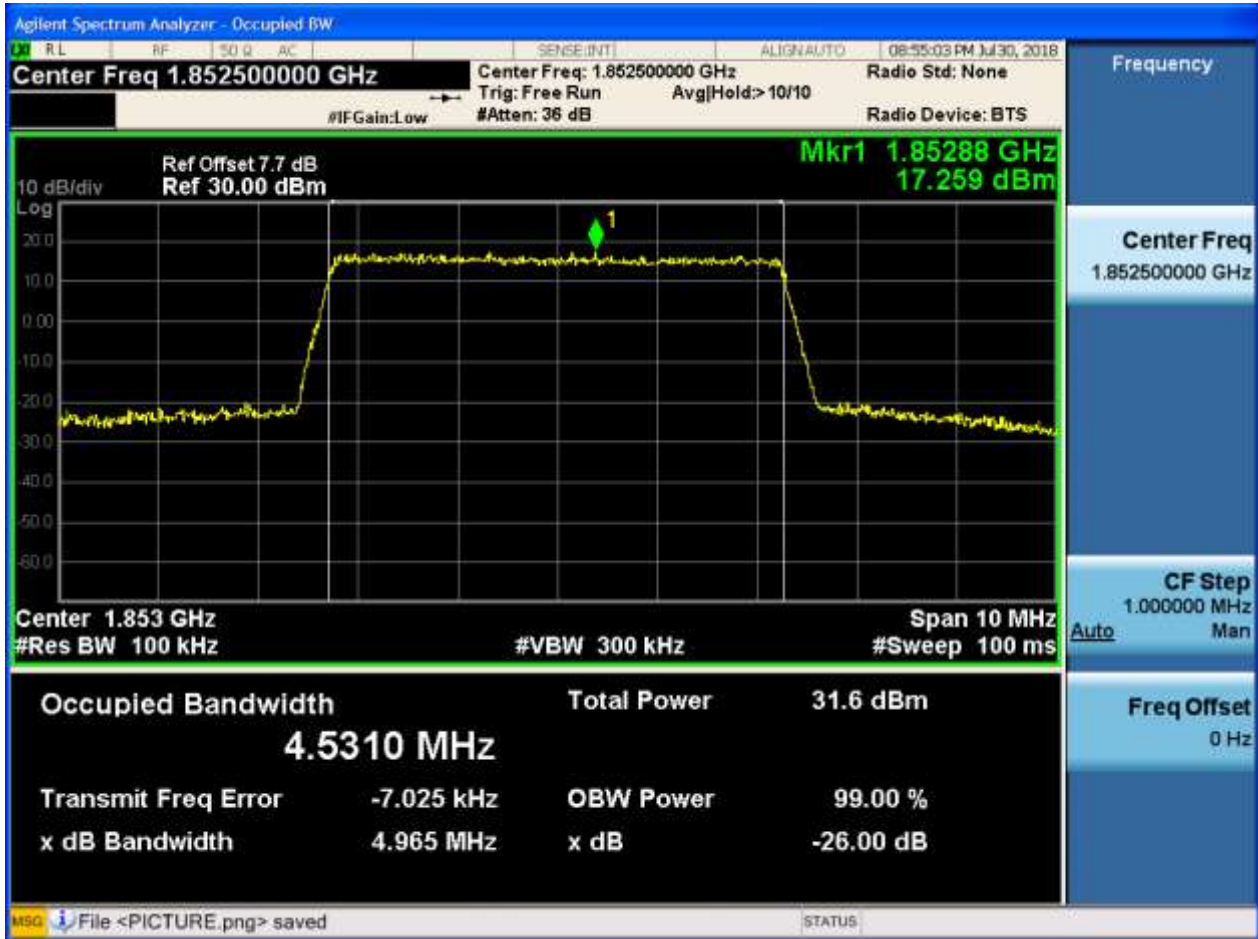




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0





4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

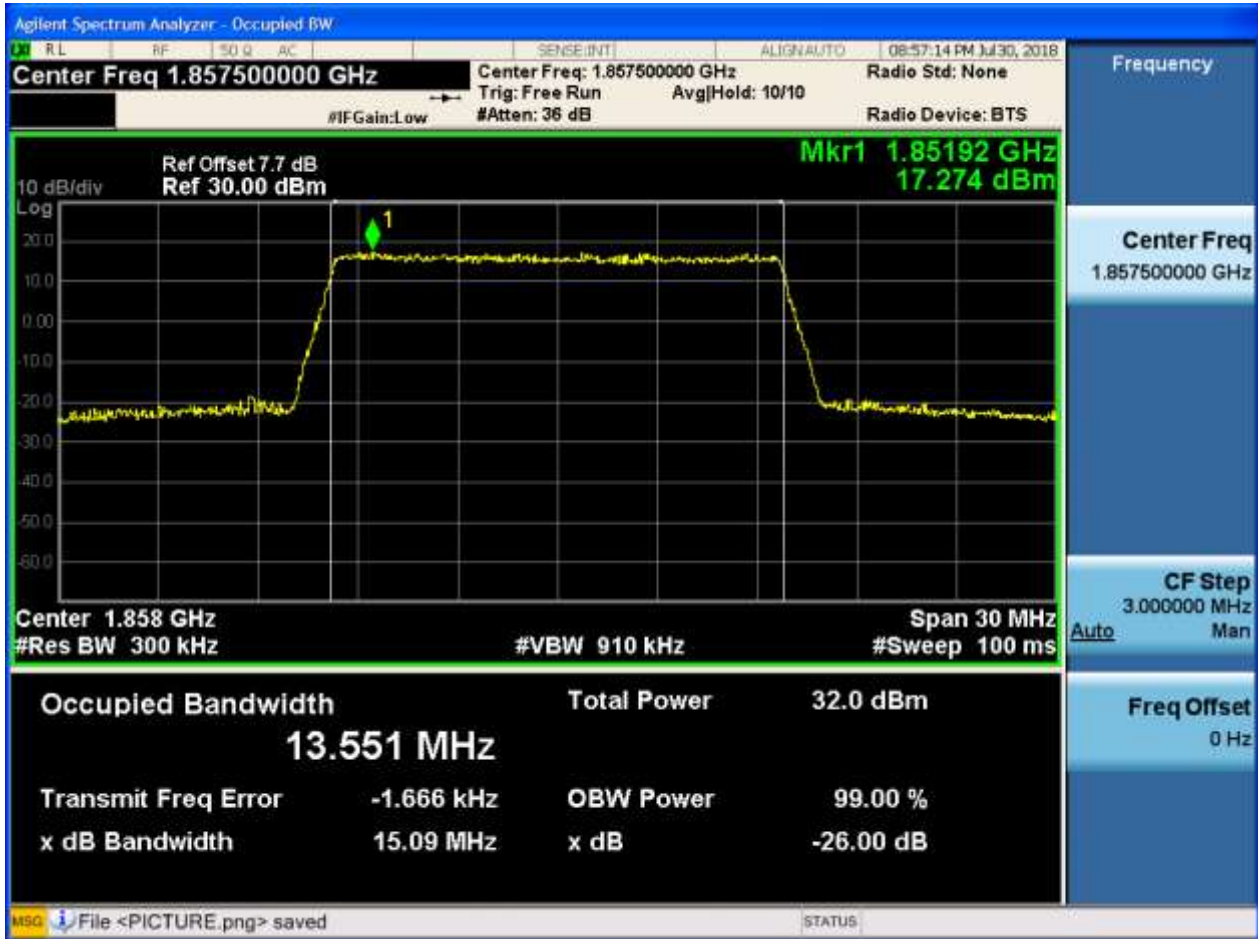




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0





4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



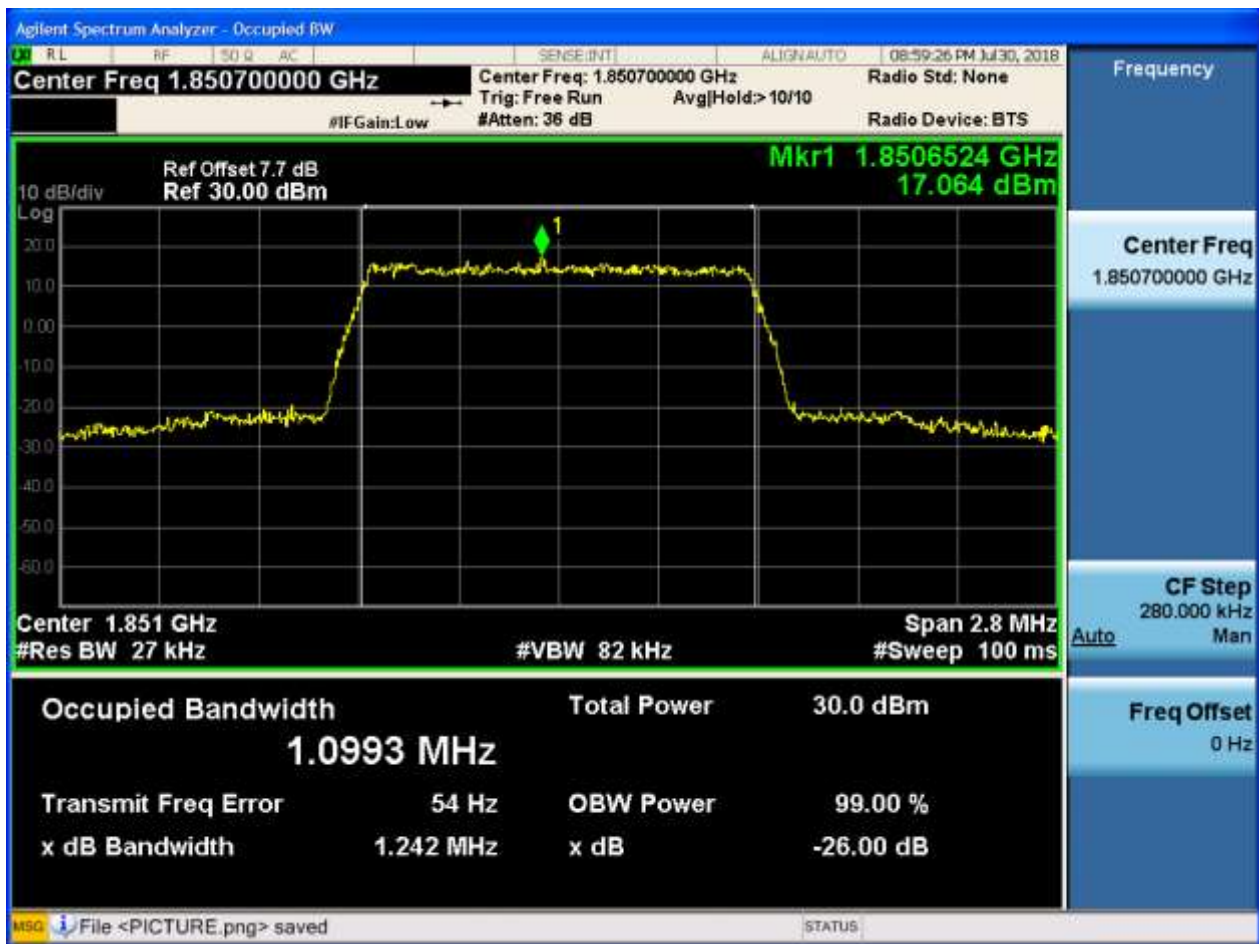


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0





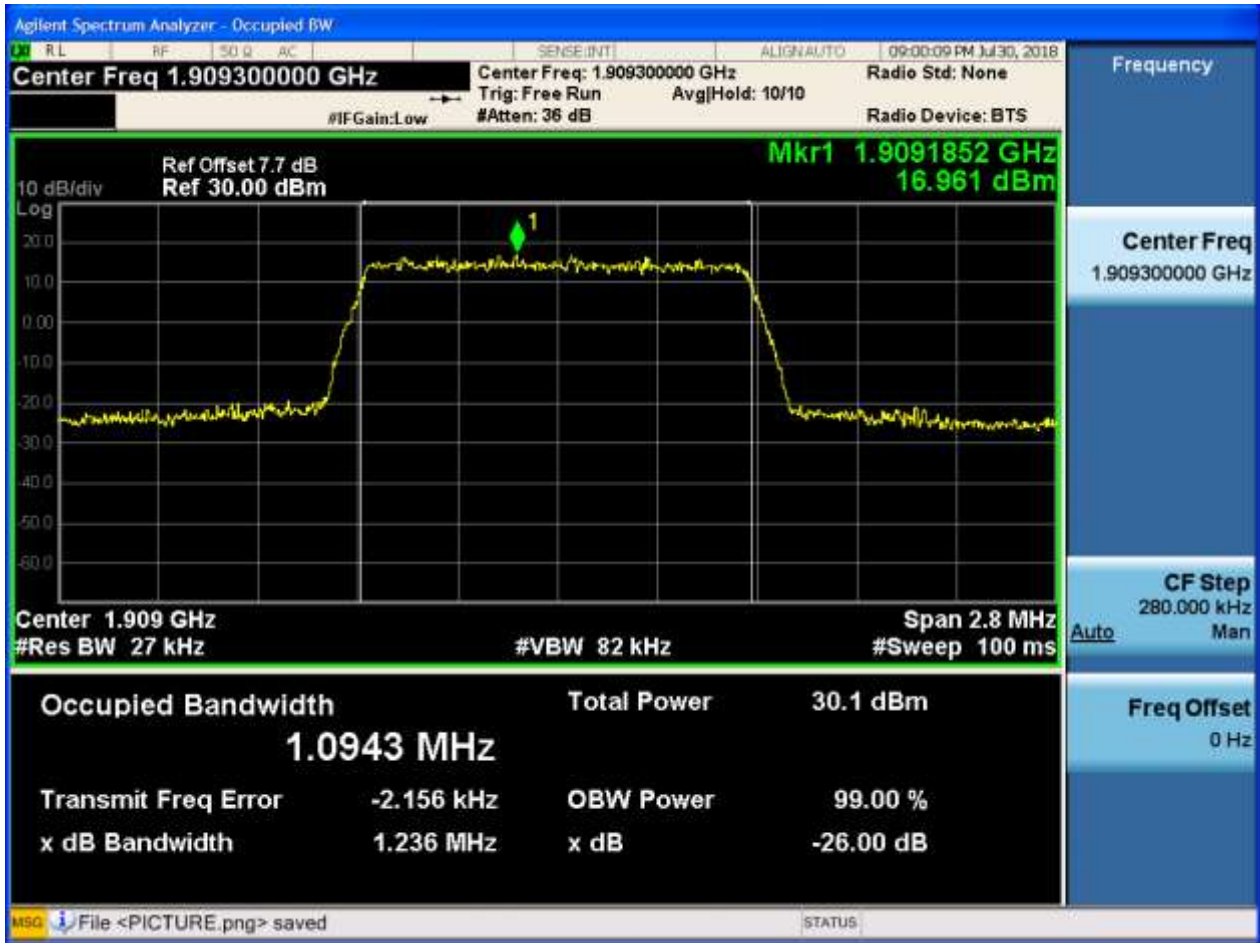
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

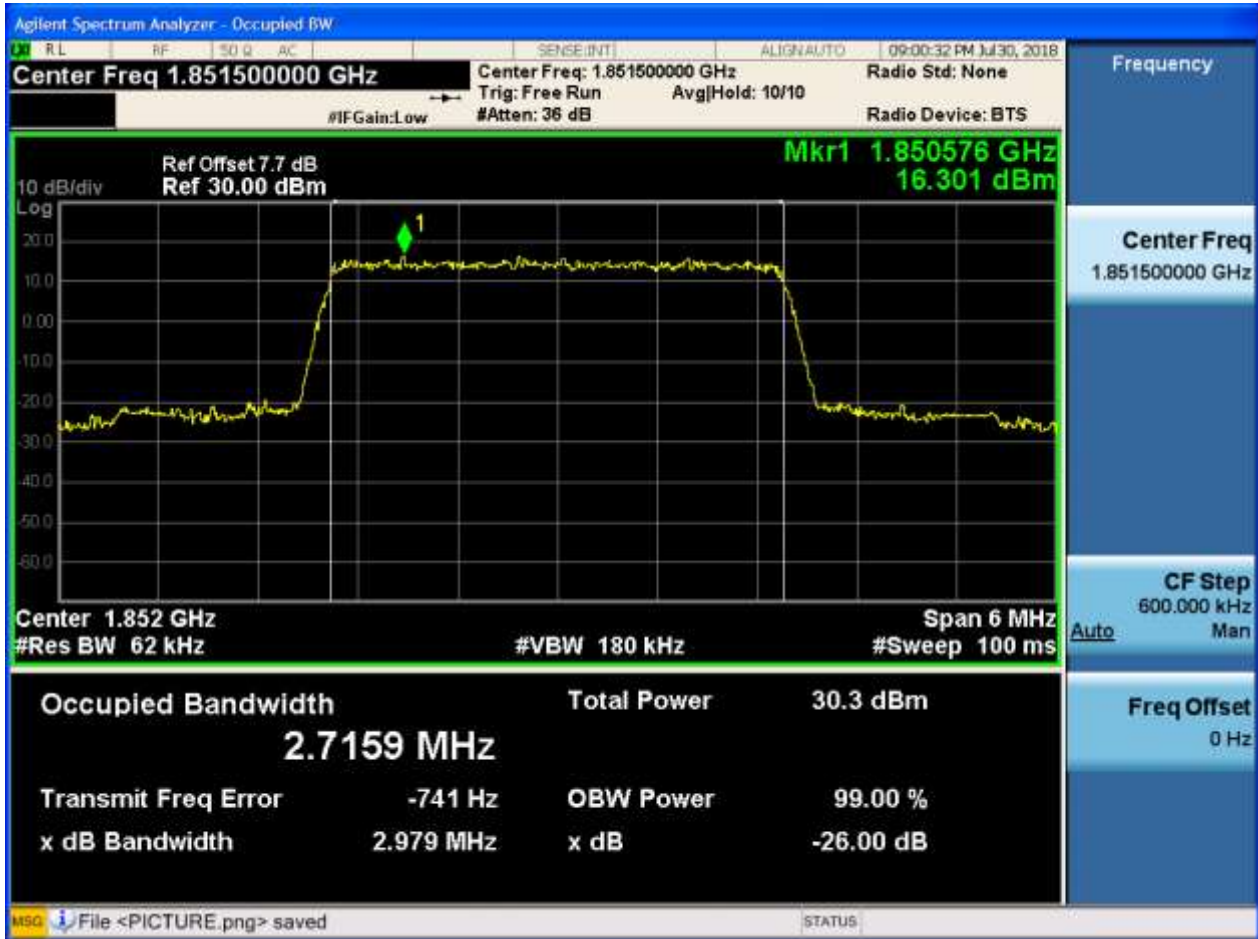




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

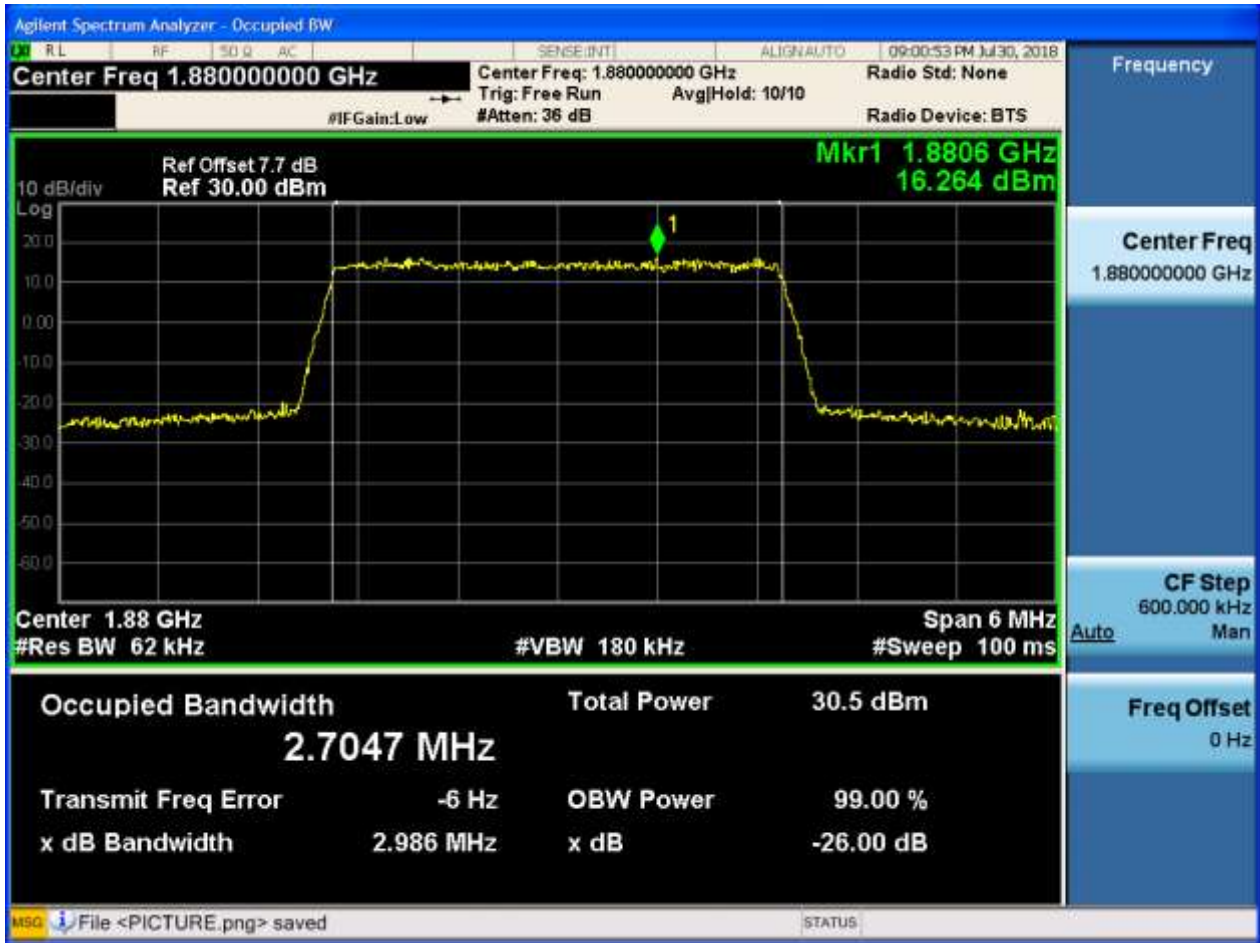
4.1.1.2.2.1.1 Test RB = RB15#0





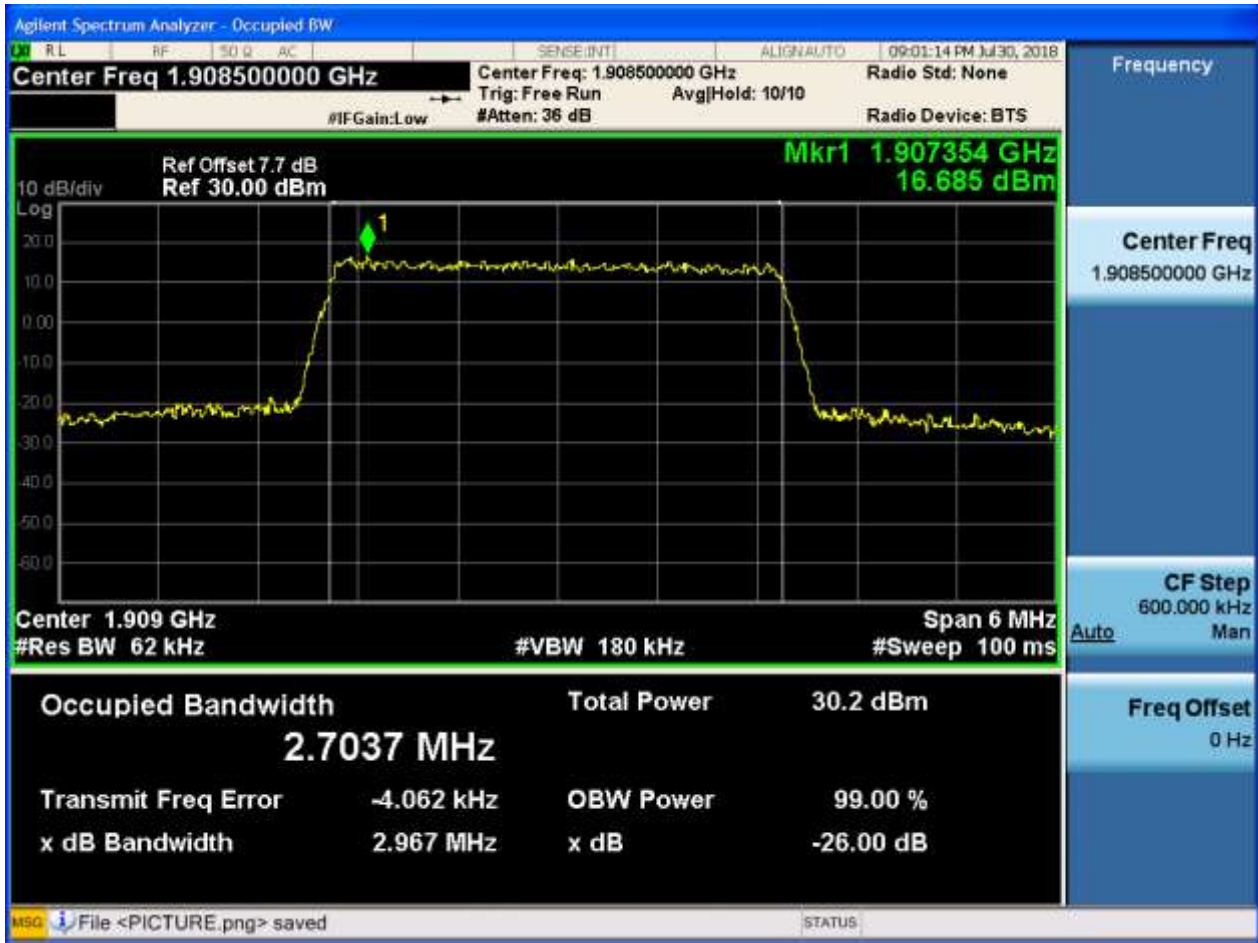
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

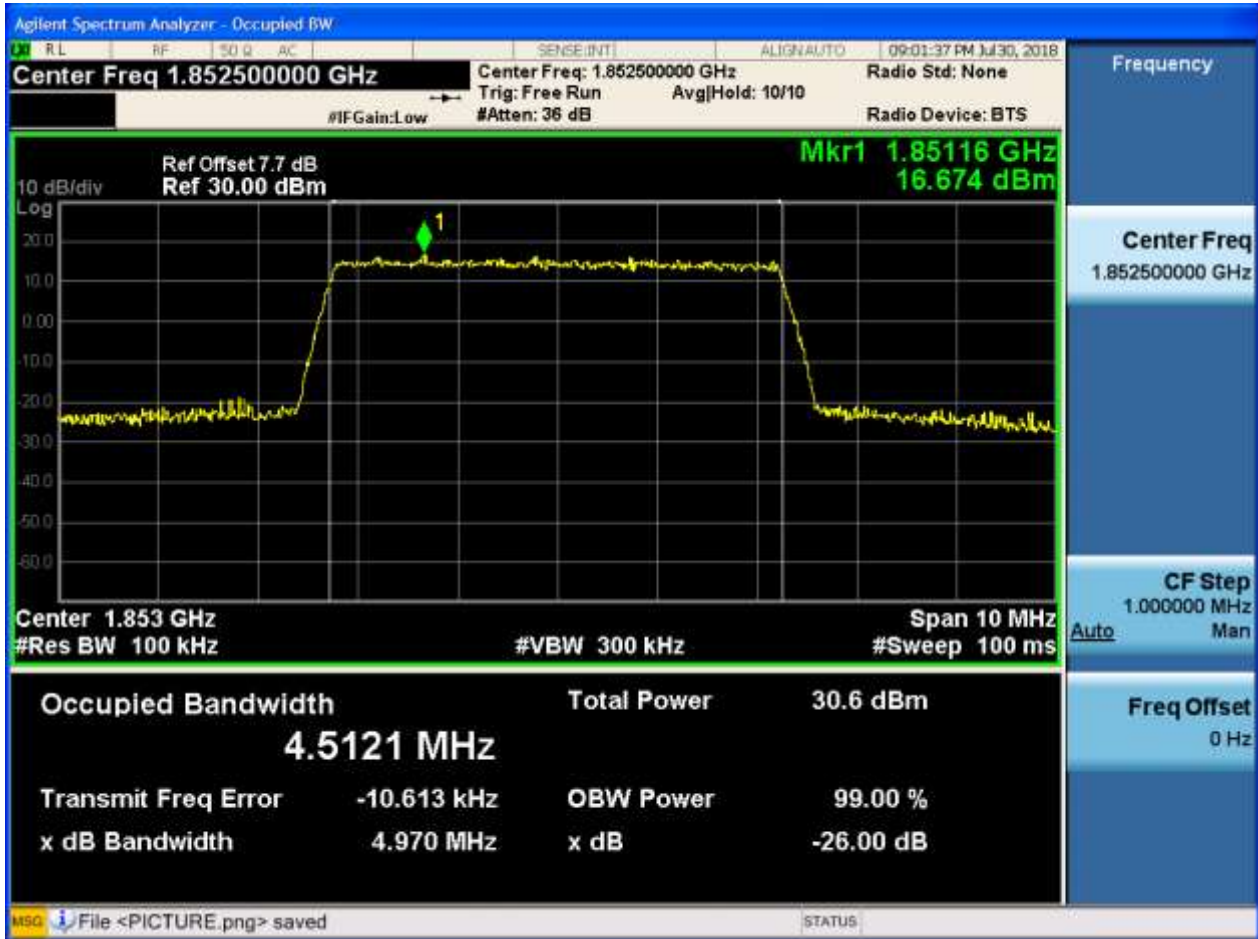
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

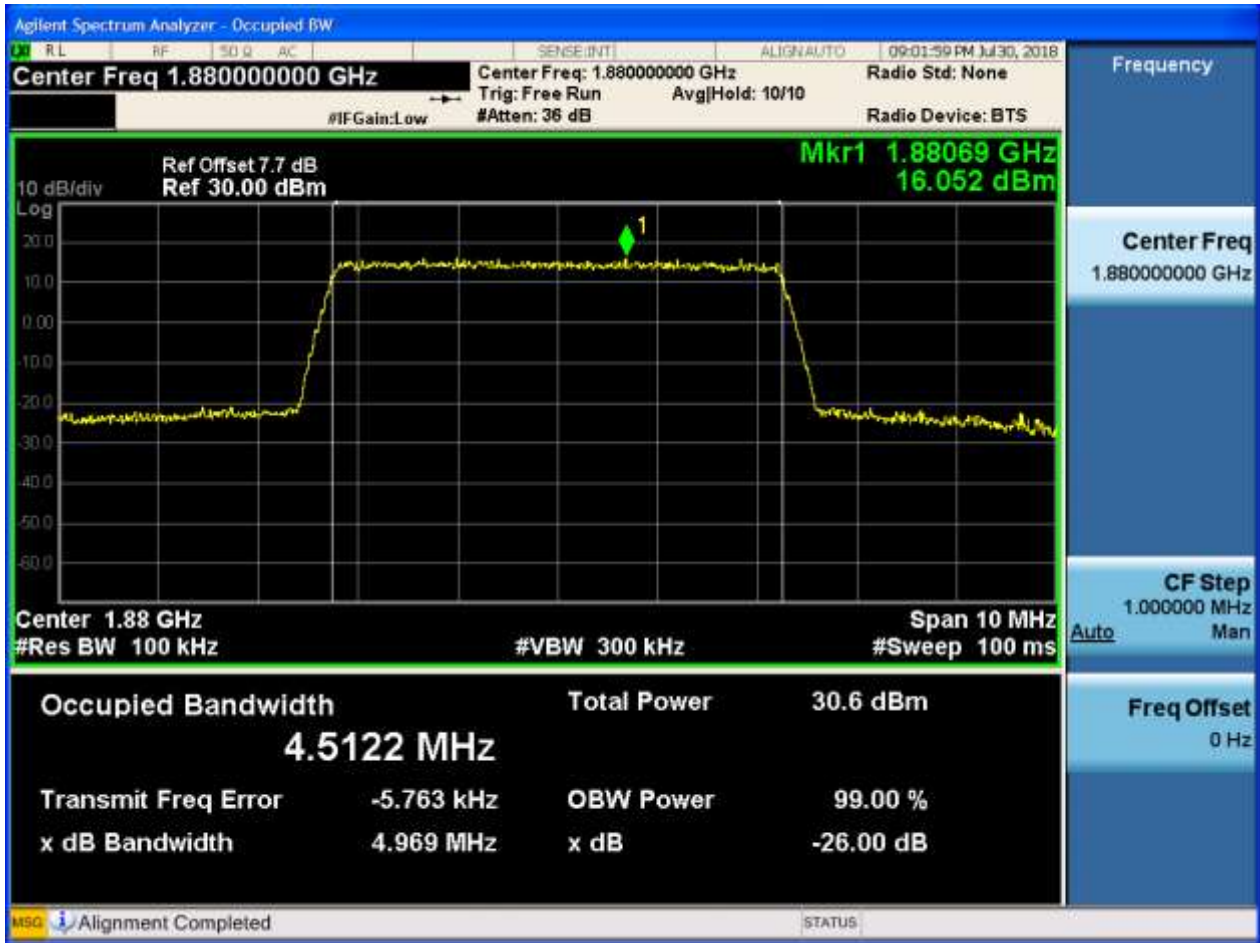
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

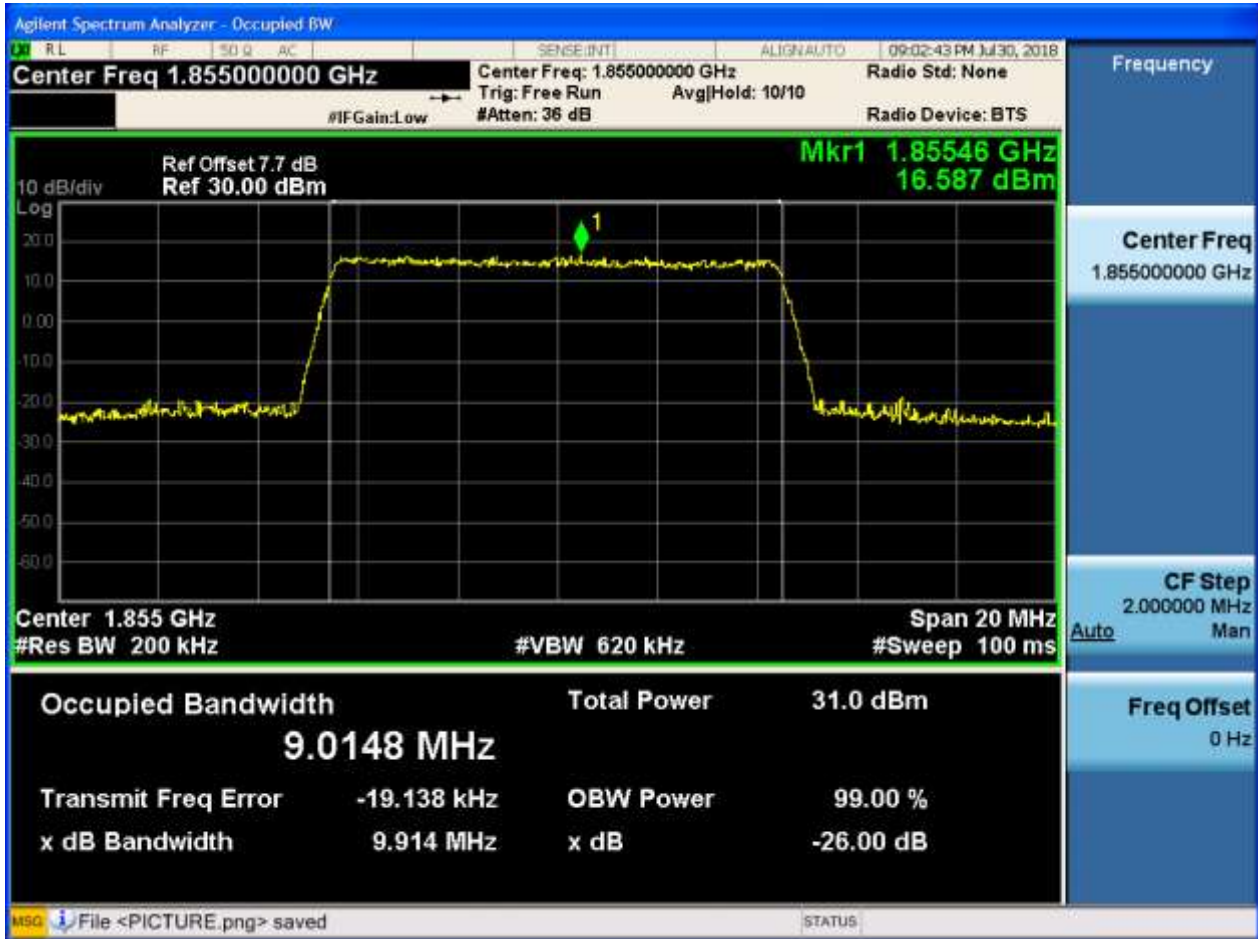




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

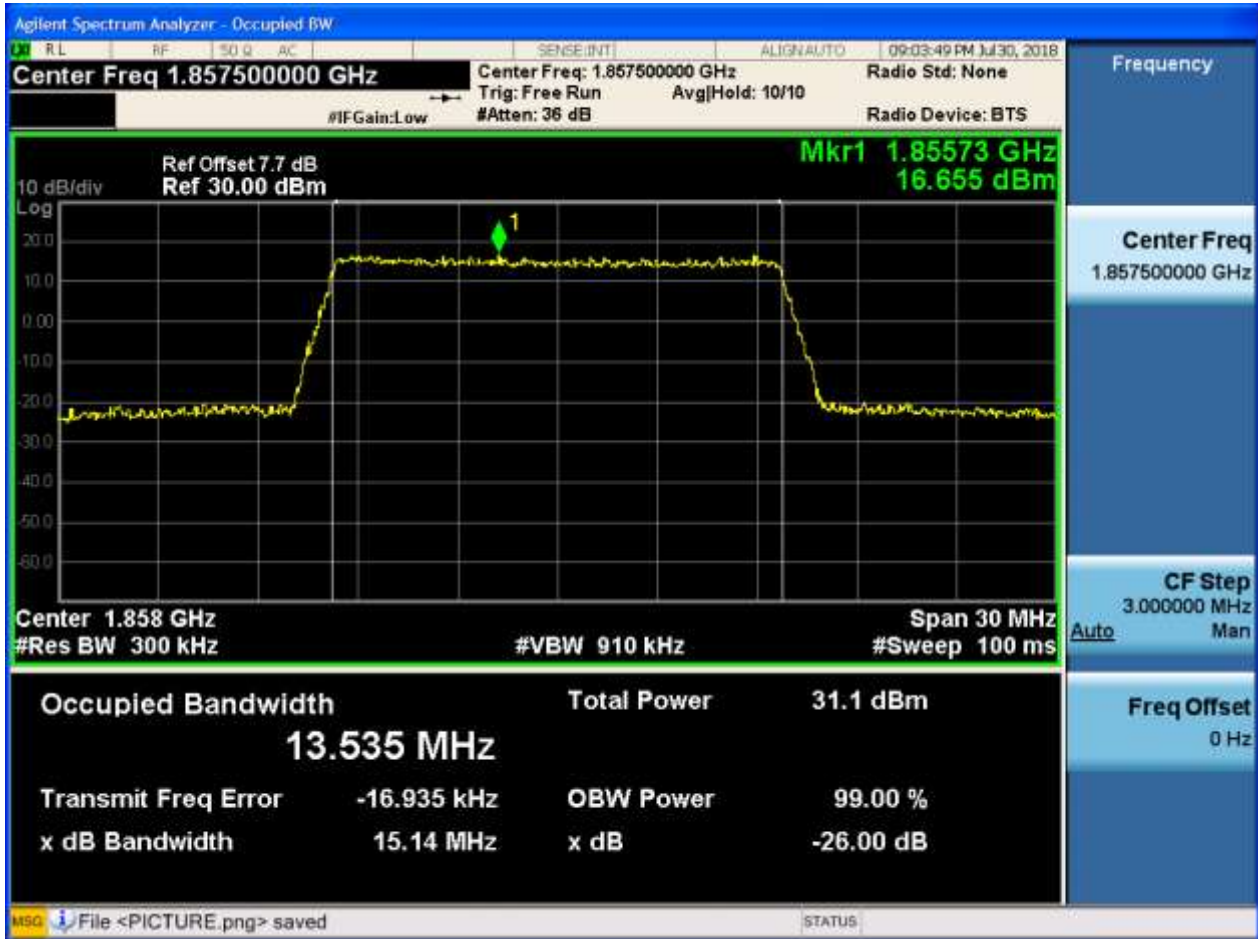




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

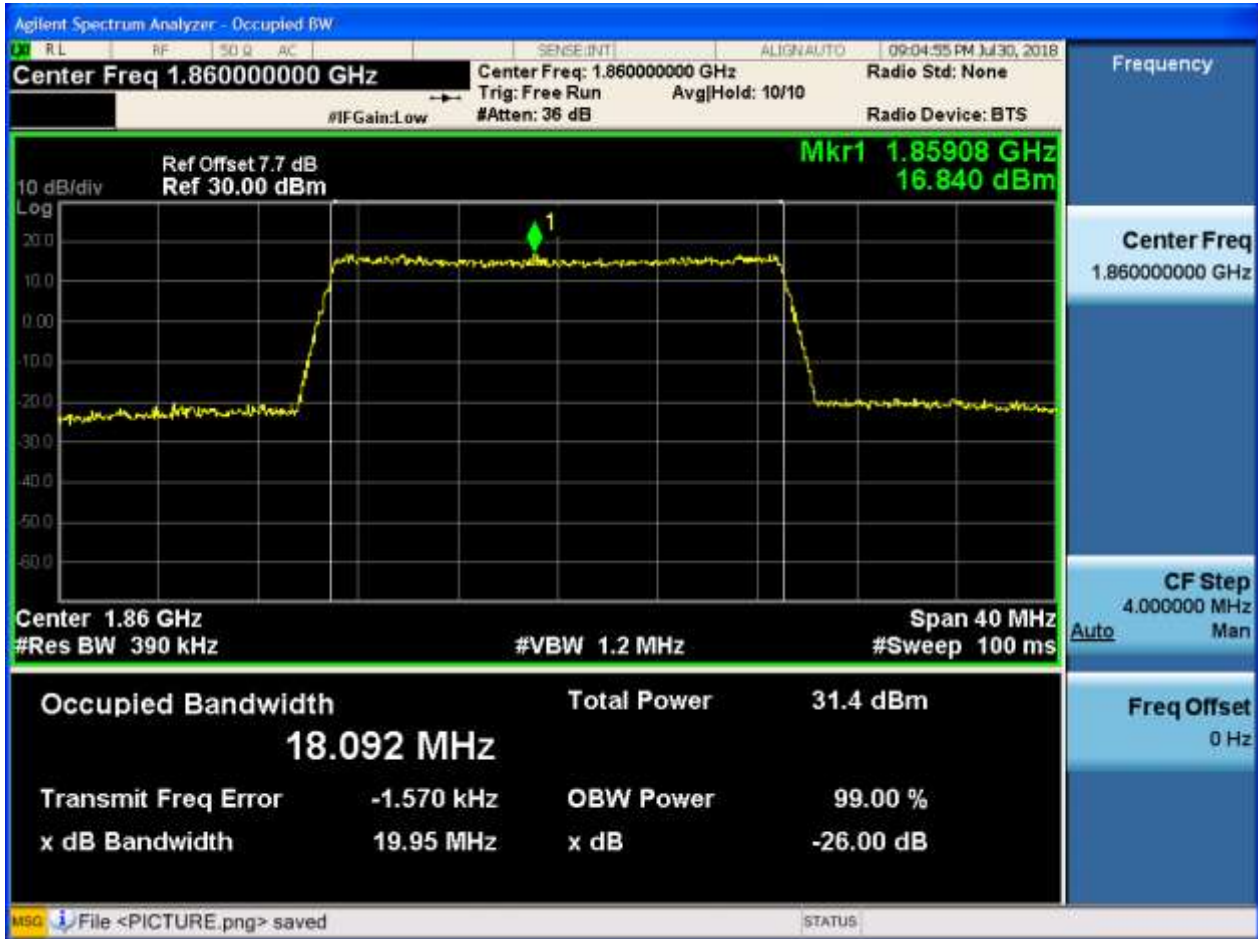




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

5.1.1 Test Band = BAND2

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#5





5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0

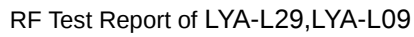




5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 000 GHz
-24.715 dBm

Center 1.910000 GHz
#Res BW 15 kHz
#VBW 43 kHz*
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

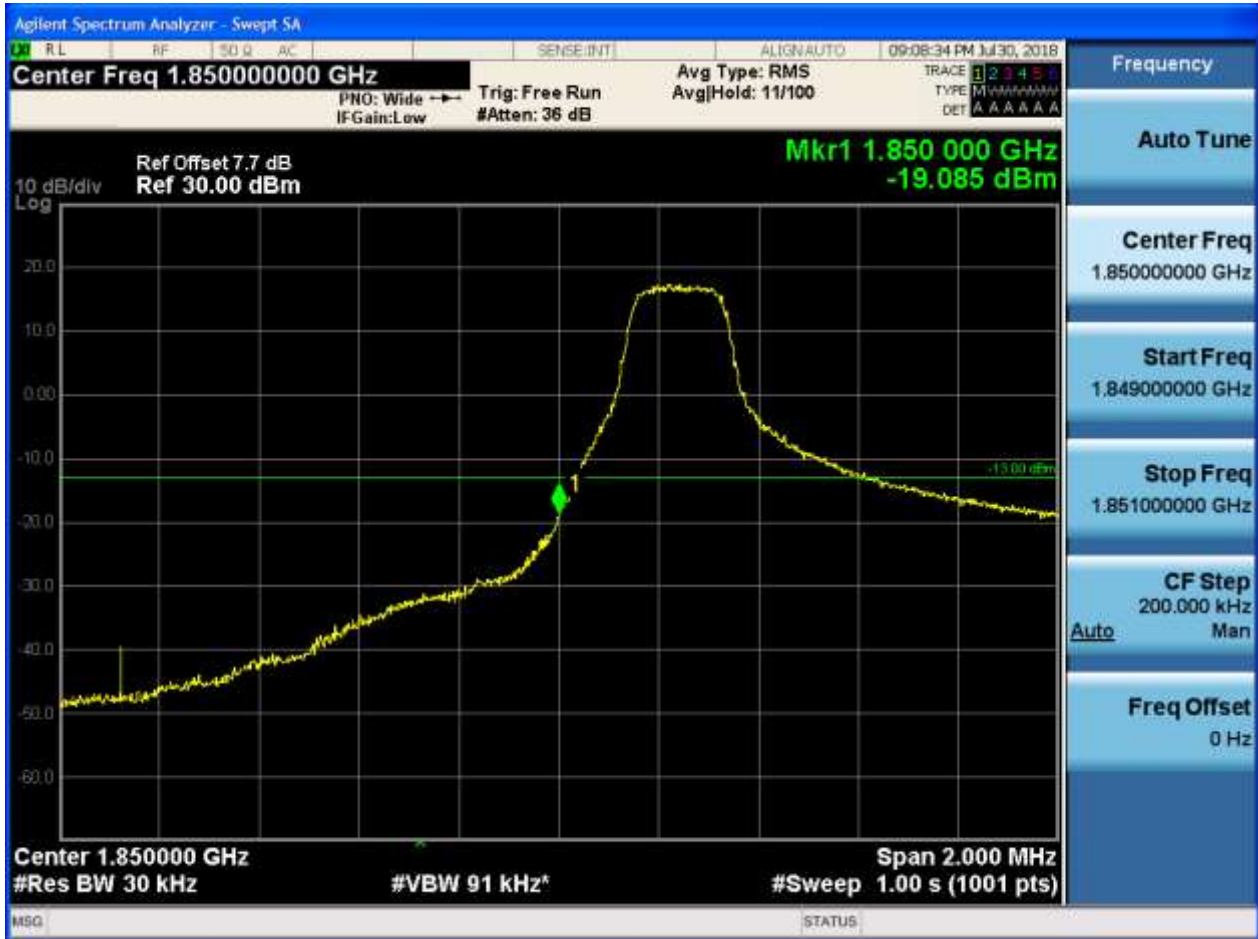




5.1.1.1.2 Test Bandwidth = 3

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





5.1.1.1.2.2.3 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





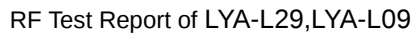
5.1.1.1.3.1.4 Test RB = RB25#0



5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 000 GHz
-18.753 dBm

Center 1.910000 GHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

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



5.1.1.1.3.2.3 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 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0





5.1.1.1.6.2.2 Test RB = RB1#99





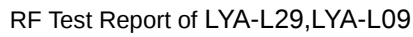
5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0





5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#5





5.1.1.2.1.1.3 Test RB = RB3#2





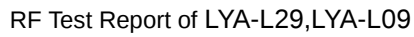
5.1.1.2.1.1.4 Test RB = RB6#0



5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 000 GHz
-26.052 dBm

Center 1.910000 GHz
#Res BW 15 kHz
#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

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



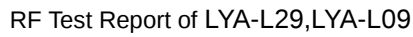
5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0





5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14





5.1.1.2.2.1.3 Test RB = RB8#4





5.1.1.2.2.1.4 Test RB = RB15#0





5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14





5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0





5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24





5.1.1.2.3.1.3 Test RB = RB12#6





5.1.1.2.3.1.4 Test RB = RB25#0





5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#24





5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0





5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13





5.1.1.2.4.1.4 Test RB = RB50#0



5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





5.1.1.2.4.2.2 Test RB = RB1#49





5.1.1.2.4.2.3 Test RB = RB25#13

