



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	23.2	22.62	30	PASS
				RB1#3	23.07	22.49	30	PASS
				RB1#5	23.2	22.62	30	PASS
				RB3#0	23.11	22.53	30	PASS
				RB3#2	22.96	22.38	30	PASS
				RB3#3	23.01	22.43	30	PASS
				RB6#0	22.06	21.48	30	PASS
			MCH	RB1#0	23.23	22.65	30	PASS
				RB1#3	22.91	22.33	30	PASS
				RB1#5	23.22	22.64	30	PASS
				RB3#0	23.13	22.55	30	PASS
				RB3#2	22.98	22.40	30	PASS
				RB3#3	23.05	22.47	30	PASS
				RB6#0	22.12	21.54	30	PASS
			HCH	RB1#0	23.21	22.63	30	PASS
				RB1#3	23.03	22.45	30	PASS
				RB1#5	23.25	22.67	30	PASS
				RB3#0	23.11	22.53	30	PASS
				RB3#2	23.02	22.44	30	PASS
				RB3#3	23.08	22.50	30	PASS
				RB6#0	22.14	21.56	30	PASS
		3	LCH	RB1#0	23.24	22.66	30	PASS
				RB1#7	22.62	22.04	30	PASS
				RB1#14	23.21	22.63	30	PASS
				RB8#0	22.24	21.66	30	PASS
				RB8#4	22.19	21.61	30	PASS
				RB8#7	22.15	21.57	30	PASS
				RB15#0	22.24	21.66	30	PASS
			MCH	RB1#0	23.19	22.61	30	PASS
				RB1#7	22.77	22.19	30	PASS
				RB1#14	23.24	22.66	30	PASS
				RB8#0	22.22	21.64	30	PASS
				RB8#4	22.16	21.58	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	22.18	21.60	30	PASS
				RB15#0	22.17	21.59	30	PASS
			HCH	RB1#0	23.24	22.66	30	PASS
				RB1#7	22.71	22.13	30	PASS
				RB1#14	23.2	22.62	30	PASS
				RB8#0	22.15	21.57	30	PASS
				RB8#4	22.15	21.57	30	PASS
				RB8#7	22.11	21.53	30	PASS
				RB15#0	22.21	21.63	30	PASS
			LCH	RB1#0	23.3	22.72	30	PASS
				RB1#13	23.26	22.68	30	PASS
				RB1#24	23.28	22.70	30	PASS
				RB12#0	22.31	21.73	30	PASS
				RB12#6	22.26	21.68	30	PASS
				RB12#13	22.28	21.70	30	PASS
				RB25#0	22.2	21.62	30	PASS
		5	MCH	RB1#0	23.19	22.61	30	PASS
				RB1#13	23.3	22.72	30	PASS
				RB1#24	23.19	22.61	30	PASS
				RB12#0	22.24	21.66	30	PASS
				RB12#6	22.21	21.63	30	PASS
				RB12#13	22.28	21.70	30	PASS
				RB25#0	22.19	21.61	30	PASS
			HCH	RB1#0	23.26	22.68	30	PASS
				RB1#13	23.25	22.67	30	PASS
				RB1#24	23.31	22.73	30	PASS
				RB12#0	22.26	21.68	30	PASS
				RB12#6	22.21	21.63	30	PASS
				RB12#13	22.24	21.66	30	PASS
				RB25#0	22.23	21.65	30	PASS
		10	LCH	RB1#0	23.17	22.59	30	PASS
				RB1#25	22.75	22.17	30	PASS
				RB1#49	23.16	22.58	30	PASS
				RB25#0	22.17	21.59	30	PASS
				RB25#13	22.18	21.60	30	PASS
				RB25#25	22.23	21.65	30	PASS
				RB50#0	22.23	21.65	30	PASS
			MCH	RB1#0	23.23	22.65	30	PASS
				RB1#25	23.04	22.46	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.23	22.65	30	PASS
				RB25#0	22.25	21.67	30	PASS
				RB25#13	22.26	21.68	30	PASS
				RB25#25	22.22	21.64	30	PASS
				RB50#0	22.17	21.59	30	PASS
			HCH	RB1#0	23.1	22.52	30	PASS
				RB1#25	22.88	22.30	30	PASS
				RB1#49	23.16	22.58	30	PASS
				RB25#0	22.18	21.60	30	PASS
				RB25#13	22.16	21.58	30	PASS
				RB25#25	22.21	21.63	30	PASS
				RB50#0	22.17	21.59	30	PASS
		15	LCH	RB1#0	23.11	22.53	30	PASS
				RB1#38	23.21	22.63	30	PASS
				RB1#74	23.1	22.52	30	PASS
				RB38#0	22.23	21.65	30	PASS
				RB38#19	22.22	21.64	30	PASS
				RB38#39	22.24	21.66	30	PASS
				RB75#0	22.18	21.60	30	PASS
			MCH	RB1#0	23.08	22.50	30	PASS
				RB1#38	23.26	22.68	30	PASS
				RB1#74	23.11	22.53	30	PASS
				RB38#0	22.16	21.58	30	PASS
				RB38#19	22.25	21.67	30	PASS
				RB38#39	22.18	21.60	30	PASS
				RB75#0	22.21	21.63	30	PASS
			HCH	RB1#0	23.13	22.55	30	PASS
				RB1#38	23.24	22.66	30	PASS
				RB1#74	23.09	22.51	30	PASS
				RB38#0	22.17	21.59	30	PASS
				RB38#19	22.23	21.65	30	PASS
				RB38#39	22.19	21.61	30	PASS
				RB75#0	22.2	21.62	30	PASS
		20	LCH	RB1#0	23.13	22.55	30	PASS
				RB1#50	22.9	22.32	30	PASS
				RB1#99	23.19	22.61	30	PASS
				RB50#0	22.16	21.58	30	PASS
				RB50#25	22.17	21.59	30	PASS
				RB50#50	22.19	21.61	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	22.11	21.53	30	PASS
			MCH	RB1#0	23.14	22.56	30	PASS
				RB1#50	22.84	22.26	30	PASS
				RB1#99	23.25	22.67	30	PASS
				RB50#0	22.17	21.59	30	PASS
				RB50#25	22.19	21.61	30	PASS
				RB50#50	22.23	21.65	30	PASS
				RB100#0	22.13	21.55	30	PASS
			HCH	RB1#0	23.21	22.63	30	PASS
				RB1#50	23.02	22.44	30	PASS
				RB1#99	23.26	22.68	30	PASS
				RB50#0	22.22	21.64	30	PASS
				RB50#25	22.22	21.64	30	PASS
				RB50#50	22.19	21.61	30	PASS
				RB100#0	22.17	21.59	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.36	21.78	30	PASS
				RB1#3	22.06	21.48	30	PASS
				RB1#5	22.34	21.76	30	PASS
				RB3#0	22.26	21.68	30	PASS
				RB3#2	22.15	21.57	30	PASS
				RB3#3	22.13	21.55	30	PASS
				RB6#0	21.07	20.49	30	PASS
			MCH	RB1#0	22.39	21.81	30	PASS
				RB1#3	22.08	21.50	30	PASS
				RB1#5	22.42	21.84	30	PASS
				RB3#0	22.28	21.70	30	PASS
				RB3#2	22.21	21.63	30	PASS
				RB3#3	22.06	21.48	30	PASS
				RB6#0	21.33	20.75	30	PASS
		3	HCH	RB1#0	22.37	21.79	30	PASS
				RB1#3	21.97	21.39	30	PASS
				RB1#5	22.44	21.86	30	PASS
				RB3#0	22.25	21.67	30	PASS
				RB3#2	22.29	21.71	30	PASS
				RB3#3	22.28	21.70	30	PASS
				RB6#0	21.15	20.57	30	PASS
			LCH	RB1#0	22.4	21.82	30	PASS
				RB1#7	22.33	21.75	30	PASS
				RB1#14	22.32	21.74	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.13	20.55	30	PASS
				RB8#4	21.22	20.64	30	PASS
				RB8#7	21.12	20.54	30	PASS
				RB15#0	21.21	20.63	30	PASS
			MCH	RB1#0	22.27	21.69	30	PASS
				RB1#7	21.44	20.86	30	PASS
				RB1#14	22.23	21.65	30	PASS
				RB8#0	21.05	20.47	30	PASS
				RB8#4	21.18	20.60	30	PASS
				RB8#7	21.14	20.56	30	PASS
				RB15#0	21.22	20.64	30	PASS
			HCH	RB1#0	22.38	21.80	30	PASS
				RB1#7	21.89	21.31	30	PASS
				RB1#14	22.35	21.77	30	PASS
				RB8#0	21.11	20.53	30	PASS
				RB8#4	20.97	20.39	30	PASS
				RB8#7	21.13	20.55	30	PASS
				RB15#0	21.22	20.64	30	PASS
		5	LCH	RB1#0	22.27	21.69	30	PASS
				RB1#13	22.39	21.81	30	PASS
				RB1#24	22.26	21.68	30	PASS
				RB12#0	21.27	20.69	30	PASS
				RB12#6	21.25	20.67	30	PASS
				RB12#13	21.24	20.66	30	PASS
				RB25#0	21.18	20.60	30	PASS
			MCH	RB1#0	22.38	21.80	30	PASS
				RB1#13	22.66	22.08	30	PASS
				RB1#24	22.5	21.92	30	PASS
				RB12#0	21.28	20.70	30	PASS
				RB12#6	21.21	20.63	30	PASS
				RB12#13	21.21	20.63	30	PASS
				RB25#0	21.22	20.64	30	PASS
			HCH	RB1#0	22.59	22.01	30	PASS
				RB1#13	22.54	21.96	30	PASS
				RB1#24	22.62	22.04	30	PASS
				RB12#0	21.15	20.57	30	PASS
				RB12#6	21.19	20.61	30	PASS
				RB12#13	21.15	20.57	30	PASS
				RB25#0	21.18	20.60	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		10	LCH	RB1#0	22.33	21.75	30	PASS
				RB1#25	22.1	21.52	30	PASS
				RB1#49	22.39	21.81	30	PASS
				RB25#0	21.17	20.59	30	PASS
				RB25#13	21.18	20.60	30	PASS
				RB25#25	21.13	20.55	30	PASS
				RB50#0	21.16	20.58	30	PASS
			MCH	RB1#0	22.12	21.54	30	PASS
				RB1#25	21.49	20.91	30	PASS
				RB1#49	22.13	21.55	30	PASS
				RB25#0	21.19	20.61	30	PASS
				RB25#13	21.22	20.64	30	PASS
				RB25#25	21.17	20.59	30	PASS
				RB50#0	21.13	20.55	30	PASS
			HCH	RB1#0	22.38	21.80	30	PASS
				RB1#25	22.03	21.45	30	PASS
				RB1#49	22.43	21.85	30	PASS
				RB25#0	21.11	20.53	30	PASS
				RB25#13	21.13	20.55	30	PASS
				RB25#25	21.16	20.58	30	PASS
				RB50#0	21.09	20.51	30	PASS
		15	LCH	RB1#0	22.26	21.68	30	PASS
				RB1#38	22.3	21.72	30	PASS
				RB1#74	22.2	21.62	30	PASS
				RB38#0	21.13	20.55	30	PASS
				RB38#19	21.12	20.54	30	PASS
				RB38#39	21.1	20.52	30	PASS
				RB75#0	21.12	20.54	30	PASS
			MCH	RB1#0	22.24	21.66	30	PASS
				RB1#38	22.44	21.86	30	PASS
				RB1#74	22.28	21.70	30	PASS
				RB38#0	21.12	20.54	30	PASS
				RB38#19	21.16	20.58	30	PASS
				RB38#39	21.14	20.56	30	PASS
				RB75#0	21.16	20.58	30	PASS
			HCH	RB1#0	22.39	21.81	30	PASS
				RB1#38	22.53	21.95	30	PASS
				RB1#74	22.37	21.79	30	PASS
				RB38#0	21.1	20.52	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#19	21.19	20.61	30	PASS
				RB38#39	21.17	20.59	30	PASS
				RB75#0	21.1	20.52	30	PASS
		20	LCH	RB1#0	22.31	21.73	30	PASS
				RB1#50	22.03	21.45	30	PASS
				RB1#99	22.34	21.76	30	PASS
				RB50#0	21.13	20.55	30	PASS
				RB50#25	21.13	20.55	30	PASS
				RB50#50	21.1	20.52	30	PASS
				RB100#0	21.07	20.49	30	PASS
			MCH	RB1#0	22.48	21.90	30	PASS
				RB1#50	22.2	21.62	30	PASS
				RB1#99	22.54	21.96	30	PASS
				RB50#0	21.1	20.52	30	PASS
				RB50#25	21.06	20.48	30	PASS
				RB50#50	21.11	20.53	30	PASS
				RB100#0	21.11	20.53	30	PASS
			HCH	RB1#0	22.62	22.04	30	PASS
				RB1#50	22.43	21.85	30	PASS
				RB1#99	22.65	22.07	30	PASS
				RB50#0	21.1	20.52	30	PASS
				RB50#25	21.11	20.53	30	PASS
				RB50#50	21.09	20.51	30	PASS
				RB100#0	21.13	20.55	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:

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

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



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	4.23	13	PASS
				RB1#3	4.55	13	PASS
				RB1#5	4.26	13	PASS
				RB3#0	4.75	13	PASS
				RB3#2	4.65	13	PASS
				RB3#3	4.74	13	PASS
				RB6#0	5.64	13	PASS
			MCH	RB1#0	4.5	13	PASS
				RB1#3	4.51	13	PASS
				RB1#5	4.37	13	PASS
				RB3#0	4.98	13	PASS
				RB3#2	5.05	13	PASS
				RB3#3	4.87	13	PASS
				RB6#0	5.93	13	PASS
			HCH	RB1#0	4.2	13	PASS
				RB1#3	4.33	13	PASS
				RB1#5	4.22	13	PASS
				RB3#0	4.75	13	PASS
				RB3#2	4.66	13	PASS
				RB3#3	4.77	13	PASS
				RB6#0	5.46	13	PASS
		3	LCH	RB1#0	4.13	13	PASS
				RB1#7	4.58	13	PASS
				RB1#14	4.26	13	PASS
				RB8#0	5.39	13	PASS
				RB8#4	5.33	13	PASS
				RB8#7	5.41	13	PASS
				RB15#0	5.59	13	PASS
			MCH	RB1#0	4.35	13	PASS
				RB1#7	4.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.36	13	PASS
				RB8#0	5.67	13	PASS
				RB8#4	5.64	13	PASS
				RB8#7	5.63	13	PASS
				RB15#0	5.85	13	PASS
			HCH	RB1#0	4.24	13	PASS
				RB1#7	4.4	13	PASS
				RB1#14	4.15	13	PASS
				RB8#0	5.54	13	PASS
				RB8#4	5.39	13	PASS
				RB8#7	5.46	13	PASS
				RB15#0	5.68	13	PASS
		5	LCH	RB1#0	4.19	13	PASS
				RB1#13	4.26	13	PASS
				RB1#24	4.42	13	PASS
				RB12#0	5.46	13	PASS
				RB12#6	5.46	13	PASS
				RB12#13	5.62	13	PASS
				RB25#0	5.92	13	PASS
			MCH	RB1#0	4.51	13	PASS
				RB1#13	4.45	13	PASS
				RB1#24	4.45	13	PASS
				RB12#0	5.66	13	PASS
				RB12#6	5.61	13	PASS
				RB12#13	5.59	13	PASS
				RB25#0	5.87	13	PASS
			HCH	RB1#0	4.51	13	PASS
				RB1#13	4.36	13	PASS
				RB1#24	4.19	13	PASS
				RB12#0	5.49	13	PASS
				RB12#6	5.5	13	PASS
				RB12#13	5.51	13	PASS
				RB25#0	6.02	13	PASS
		10	LCH	RB1#0	4.11	13	PASS
				RB1#25	4.37	13	PASS
				RB1#49	4.46	13	PASS
				RB25#0	5.57	13	PASS
				RB25#13	5.66	13	PASS
				RB25#25	5.77	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.1	13	PASS
				RB1#0	4.4	13	PASS
			MCH	RB1#25	4.42	13	PASS
				RB1#49	4.33	13	PASS
				RB25#0	5.8	13	PASS
				RB25#13	5.75	13	PASS
				RB25#25	5.82	13	PASS
				RB50#0	6.03	13	PASS
			HCH	RB1#0	4.16	13	PASS
				RB1#25	4.23	13	PASS
				RB1#49	3.99	13	PASS
				RB25#0	5.78	13	PASS
				RB25#13	5.73	13	PASS
				RB25#25	5.66	13	PASS
				RB50#0	6.05	13	PASS
		15	LCH	RB1#0	4.19	13	PASS
				RB1#38	4.37	13	PASS
				RB1#74	4.53	13	PASS
				RB38#0	5.8	13	PASS
				RB38#19	5.8	13	PASS
				RB38#39	5.93	13	PASS
				RB75#0	6.26	13	PASS
			MCH	RB1#0	4.69	13	PASS
				RB1#38	4.41	13	PASS
				RB1#74	4.57	13	PASS
				RB38#0	6.1	13	PASS
				RB38#19	5.94	13	PASS
				RB38#39	6.03	13	PASS
				RB75#0	6.3	13	PASS
			HCH	RB1#0	4.48	13	PASS
				RB1#38	4.27	13	PASS
				RB1#74	4.27	13	PASS
				RB38#0	6	13	PASS
				RB38#19	5.85	13	PASS
				RB38#39	5.87	13	PASS
				RB75#0	6.2	13	PASS
		20	LCH	RB1#0	4.31	13	PASS
				RB1#50	4.68	13	PASS
				RB1#99	4.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.99	13	PASS
				RB50#25	6.01	13	PASS
				RB50#50	6.09	13	PASS
				RB100#0	6.36	13	PASS
			MCH	RB1#0	4.68	13	PASS
				RB1#50	4.67	13	PASS
				RB1#99	4.54	13	PASS
				RB50#0	6.02	13	PASS
				RB50#25	5.87	13	PASS
				RB50#50	5.96	13	PASS
				RB100#0	6.22	13	PASS
			HCH	RB1#0	4.6	13	PASS
				RB1#50	4.61	13	PASS
				RB1#99	4.43	13	PASS
				RB50#0	6.04	13	PASS
				RB50#25	5.9	13	PASS
				RB50#50	5.95	13	PASS
				RB100#0	6.24	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5	13	PASS
				RB1#3	5.26	13	PASS
				RB1#5	5.11	13	PASS
				RB3#0	5.45	13	PASS
				RB3#2	5.63	13	PASS
				RB3#3	5.61	13	PASS
				RB6#0	6.62	13	PASS
			MCH	RB1#0	5.41	13	PASS
				RB1#3	5.49	13	PASS
				RB1#5	5.37	13	PASS
				RB3#0	5.87	13	PASS
				RB3#2	5.98	13	PASS
				RB3#3	5.95	13	PASS
				RB6#0	6.48	13	PASS
			HCH	RB1#0	4.81	13	PASS
				RB1#3	5.19	13	PASS
				RB1#5	4.94	13	PASS
				RB3#0	5.69	13	PASS
				RB3#2	5.79	13	PASS
				RB3#3	5.75	13	PASS
				RB6#0	6.25	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	5.25	13	PASS
				RB1#7	5.53	13	PASS
				RB1#14	5.42	13	PASS
				RB8#0	6.26	13	PASS
				RB8#4	6.18	13	PASS
				RB8#7	6.25	13	PASS
				RB15#0	6.74	13	PASS
			MCH	RB1#0	5.55	13	PASS
				RB1#7	5.86	13	PASS
				RB1#14	5.61	13	PASS
				RB8#0	6.29	13	PASS
				RB8#4	6.27	13	PASS
				RB8#7	6.28	13	PASS
				RB15#0	6.93	13	PASS
			HCH	RB1#0	5.04	13	PASS
				RB1#7	5.14	13	PASS
				RB1#14	5.06	13	PASS
				RB8#0	6.31	13	PASS
				RB8#4	6.23	13	PASS
				RB8#7	6.24	13	PASS
				RB15#0	6.5	13	PASS
		5	LCH	RB1#0	5.16	13	PASS
				RB1#13	5.08	13	PASS
				RB1#24	5.38	13	PASS
				RB12#0	6.33	13	PASS
				RB12#6	6.37	13	PASS
				RB12#13	6.52	13	PASS
				RB25#0	6.82	13	PASS
			MCH	RB1#0	5.35	13	PASS
				RB1#13	5.41	13	PASS
				RB1#24	5.21	13	PASS
				RB12#0	6.74	13	PASS
				RB12#6	6.69	13	PASS
				RB12#13	6.78	13	PASS
				RB25#0	6.64	13	PASS
			HCH	RB1#0	5.26	13	PASS
				RB1#13	5.13	13	PASS
				RB1#24	4.78	13	PASS
				RB12#0	6.23	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	6.11	13	PASS
				RB12#13	6.17	13	PASS
				RB25#0	6.77	13	PASS
			LCH	RB1#0	5.09	13	PASS
				RB1#25	5.48	13	PASS
				RB1#49	5.5	13	PASS
				RB25#0	6.73	13	PASS
				RB25#13	6.68	13	PASS
				RB25#25	6.84	13	PASS
				RB50#0	6.81	13	PASS
			MCH	RB1#0	5.35	13	PASS
				RB1#25	5.38	13	PASS
				RB1#49	5.44	13	PASS
				RB25#0	6.81	13	PASS
				RB25#13	6.78	13	PASS
				RB25#25	6.82	13	PASS
				RB50#0	6.9	13	PASS
			HCH	RB1#0	5.18	13	PASS
				RB1#25	5.17	13	PASS
				RB1#49	5.02	13	PASS
				RB25#0	6.62	13	PASS
				RB25#13	6.59	13	PASS
				RB25#25	6.6	13	PASS
				RB50#0	6.84	13	PASS
		15	LCH	RB1#0	5.16	13	PASS
				RB1#38	5.28	13	PASS
				RB1#74	5.6	13	PASS
				RB38#0	6.84	13	PASS
				RB38#19	6.82	13	PASS
				RB38#39	6.96	13	PASS
				RB75#0	7.34	13	PASS
			MCH	RB1#0	5.66	13	PASS
				RB1#38	5.43	13	PASS
				RB1#74	5.58	13	PASS
				RB38#0	7.07	13	PASS
				RB38#19	6.93	13	PASS
				RB38#39	7.07	13	PASS
				RB75#0	7.16	13	PASS
			HCH	RB1#0	5.37	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#38	5.1	13	PASS
				RB1#74	5.27	13	PASS
				RB38#0	6.9	13	PASS
				RB38#19	6.72	13	PASS
				RB38#39	6.83	13	PASS
				RB75#0	7.12	13	PASS
		20	LCH	RB1#0	5.42	13	PASS
				RB1#50	5.41	13	PASS
				RB1#99	5.52	13	PASS
				RB50#0	6.92	13	PASS
				RB50#25	7.05	13	PASS
				RB50#50	7.12	13	PASS
				RB100#0	7.17	13	PASS
			MCH	RB1#0	5.4	13	PASS
				RB1#50	5.3	13	PASS
				RB1#99	5.27	13	PASS
				RB50#0	6.91	13	PASS
				RB50#25	6.8	13	PASS
				RB50#50	6.84	13	PASS
				RB100#0	7.19	13	PASS
			HCH	RB1#0	5.52	13	PASS
				RB1#50	5.74	13	PASS
				RB1#99	5.29	13	PASS
				RB50#0	6.81	13	PASS
				RB50#25	6.69	13	PASS
				RB50#50	6.69	13	PASS
				RB100#0	7.08	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

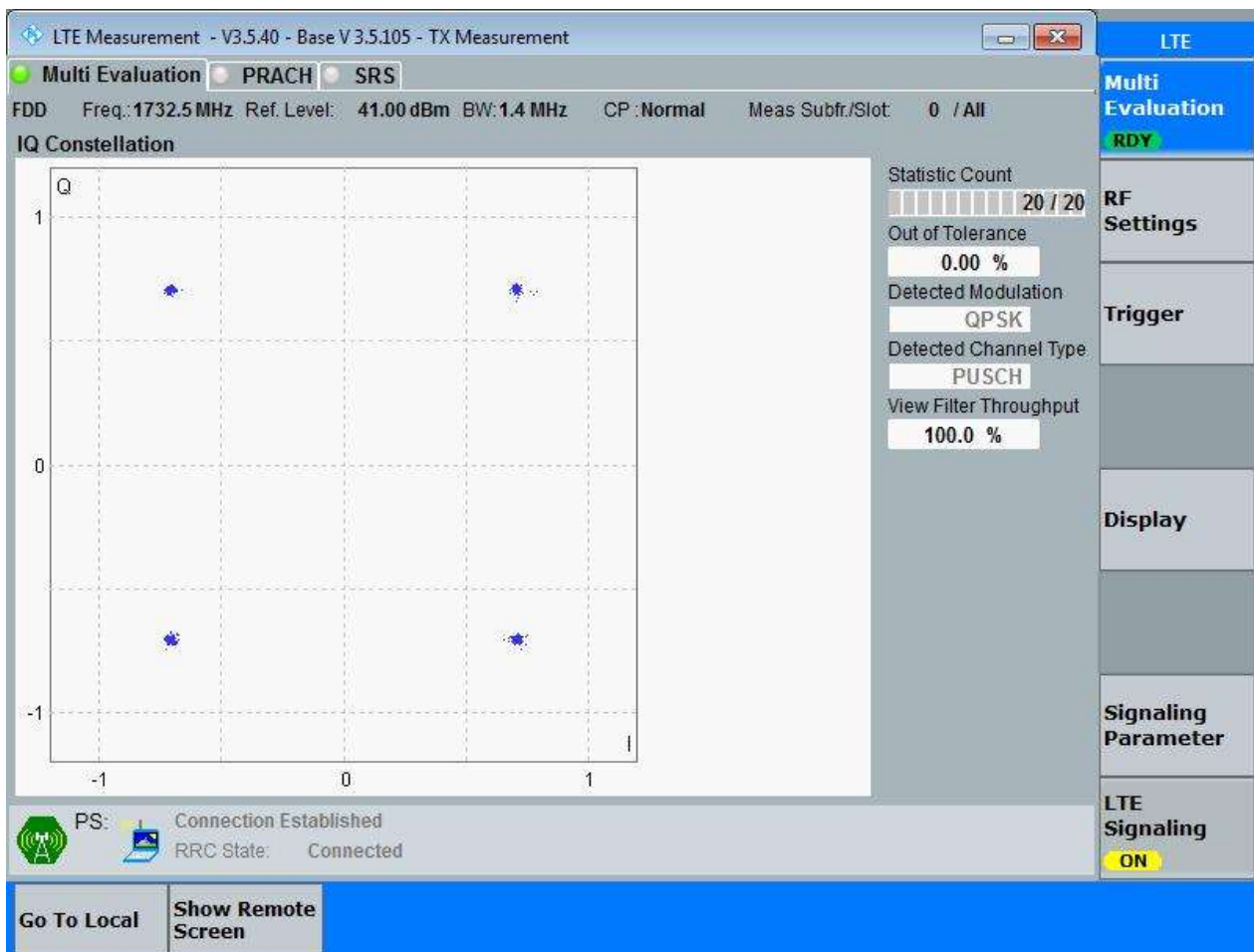
3.1.1 Test Band = BAND4

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

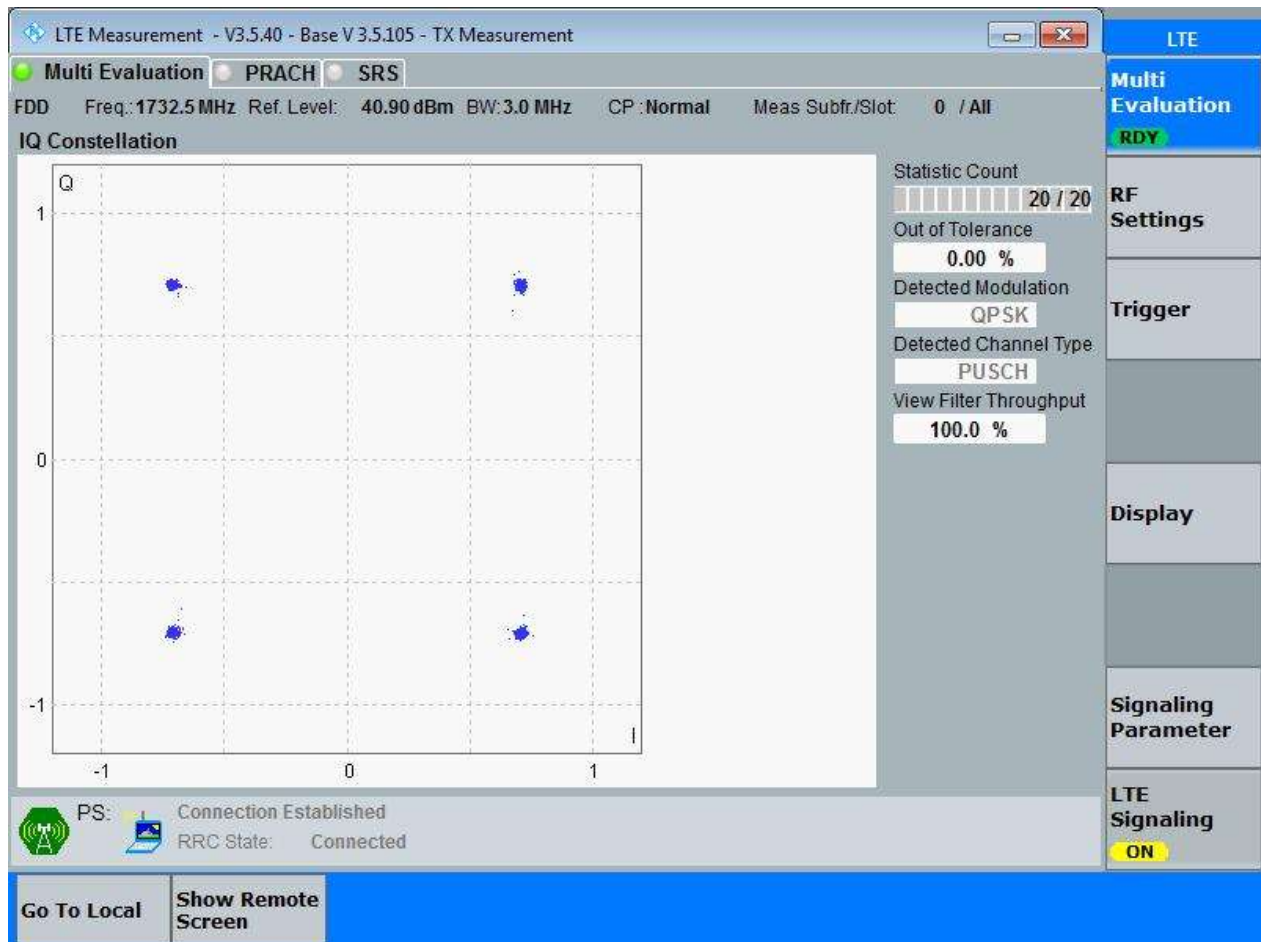
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

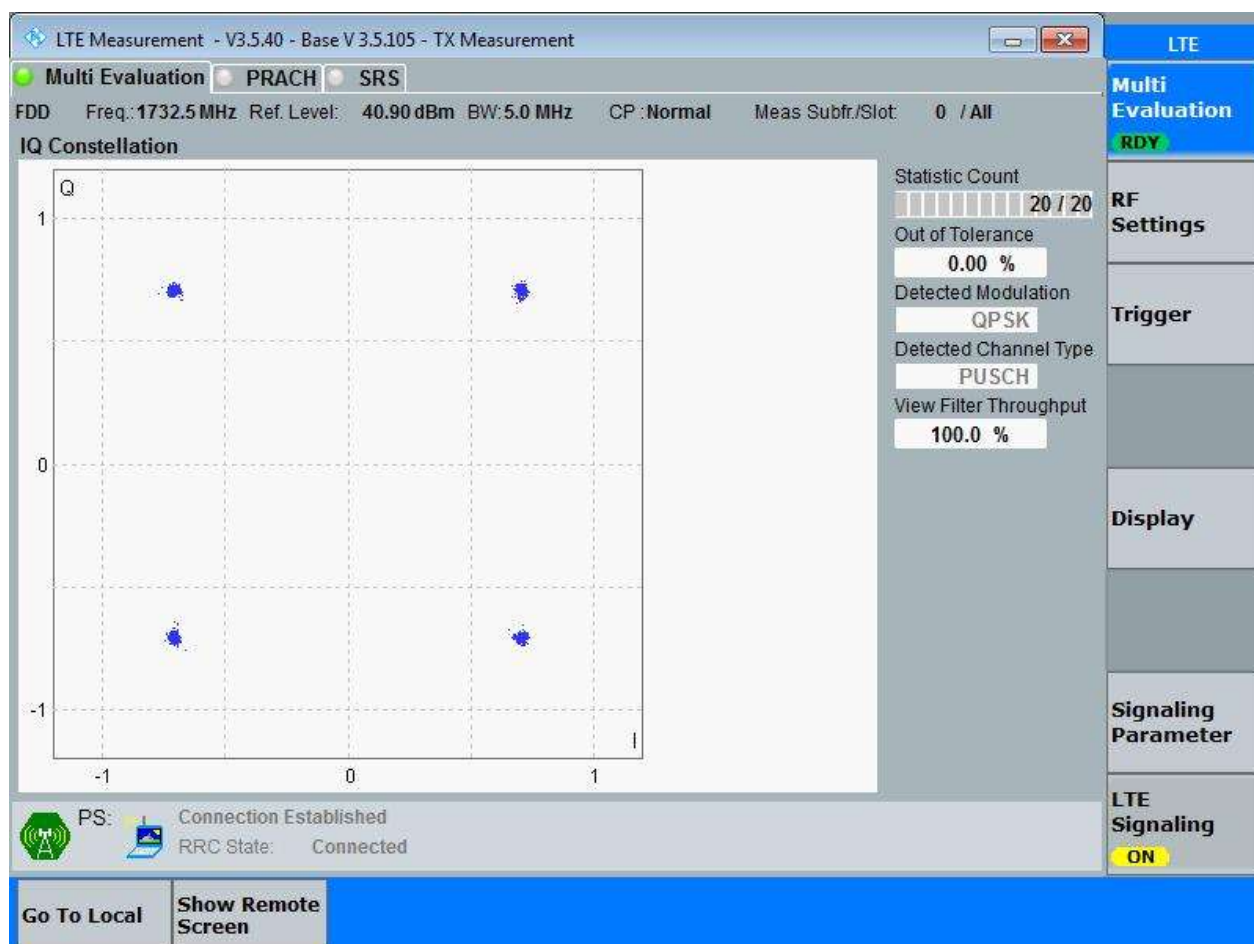
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

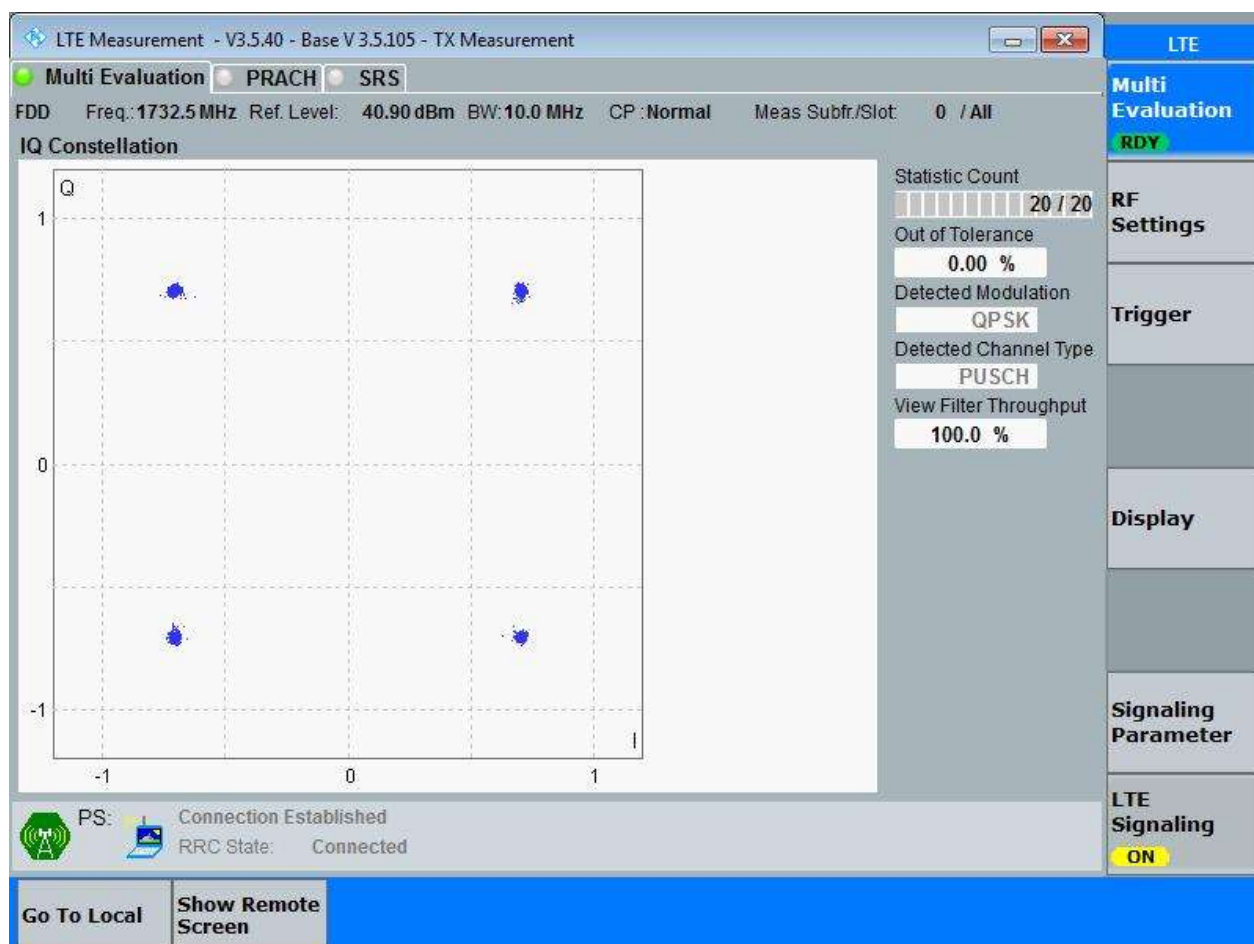
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

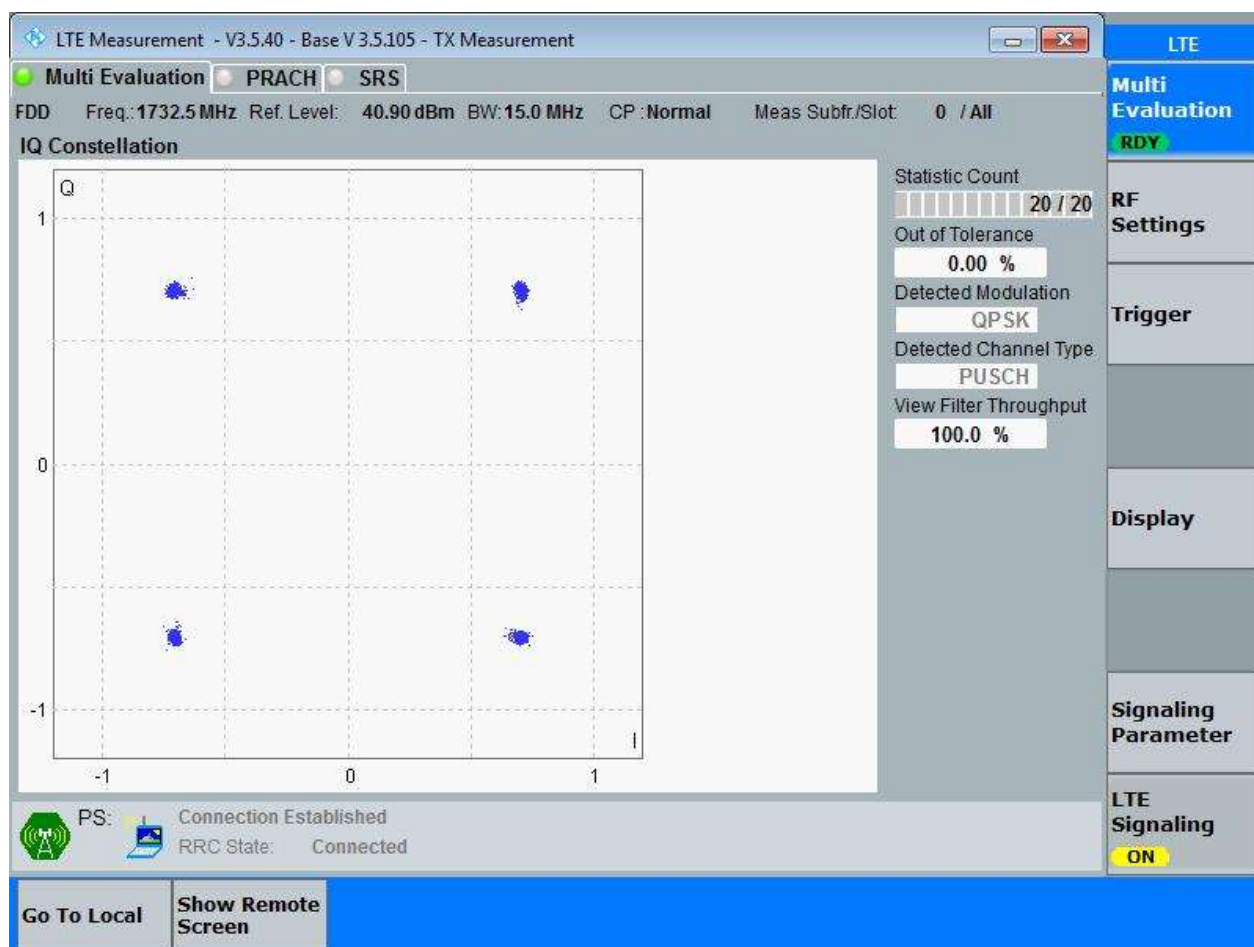
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

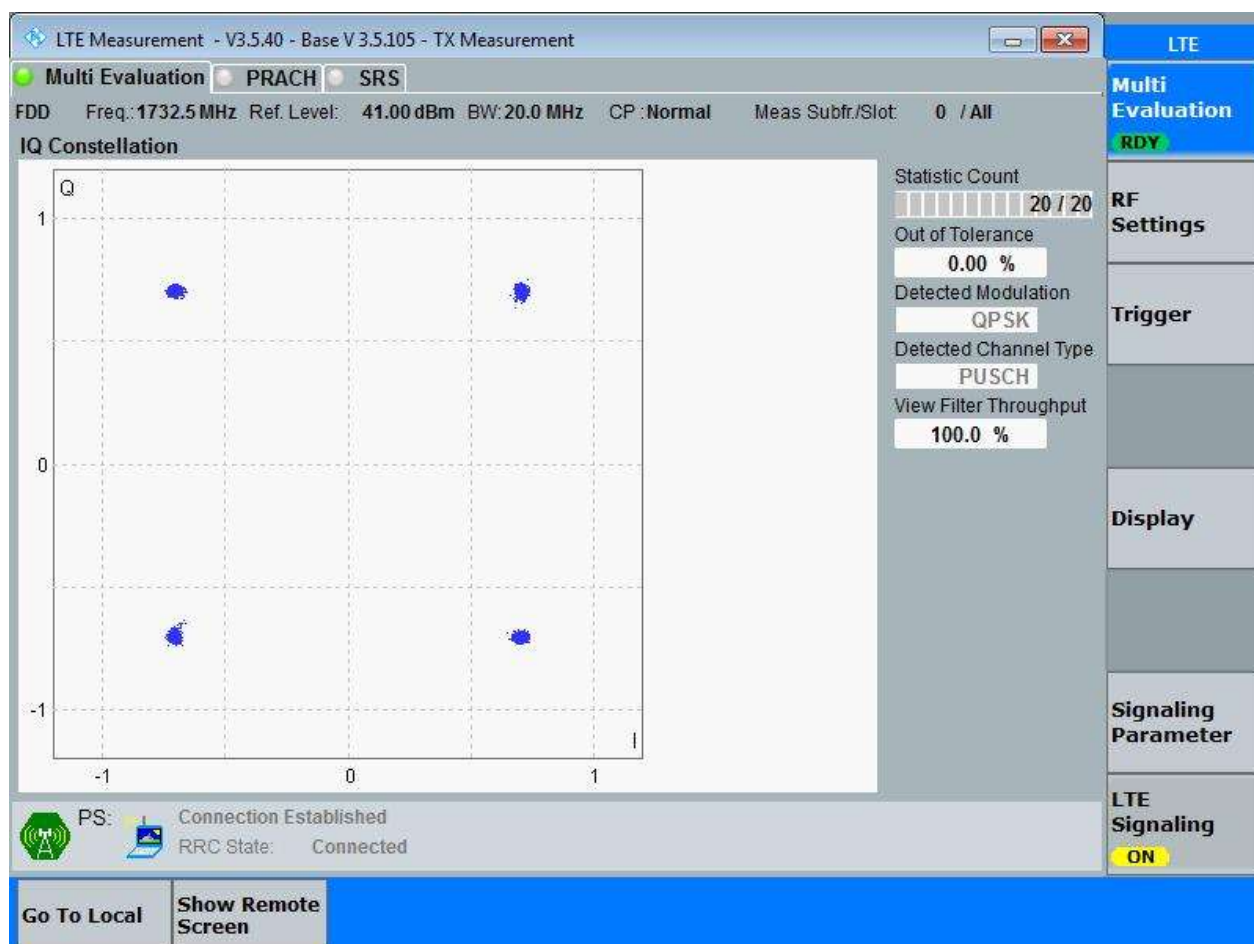
3.1.1.1.5.1.1 Test RB = RB75#0



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

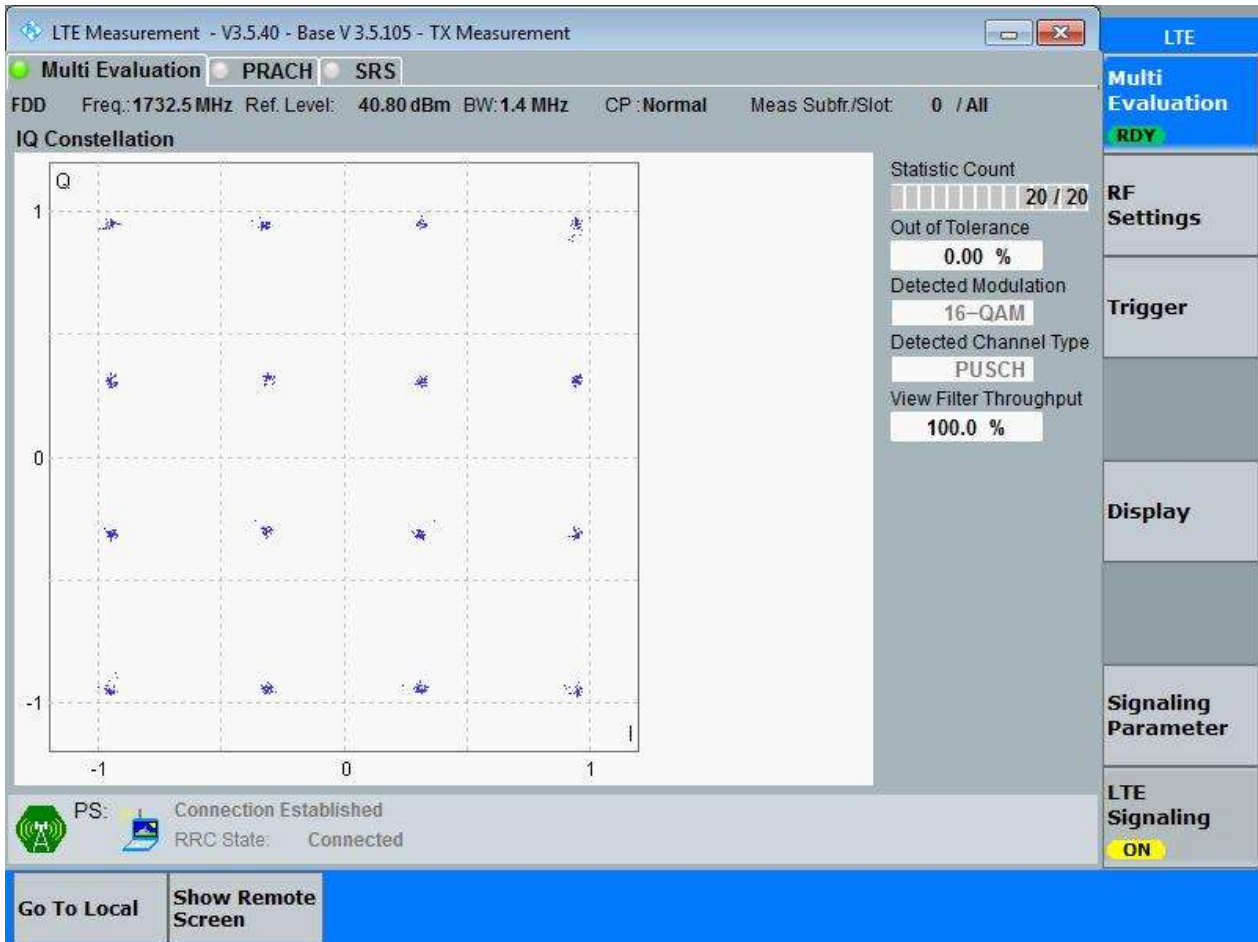


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

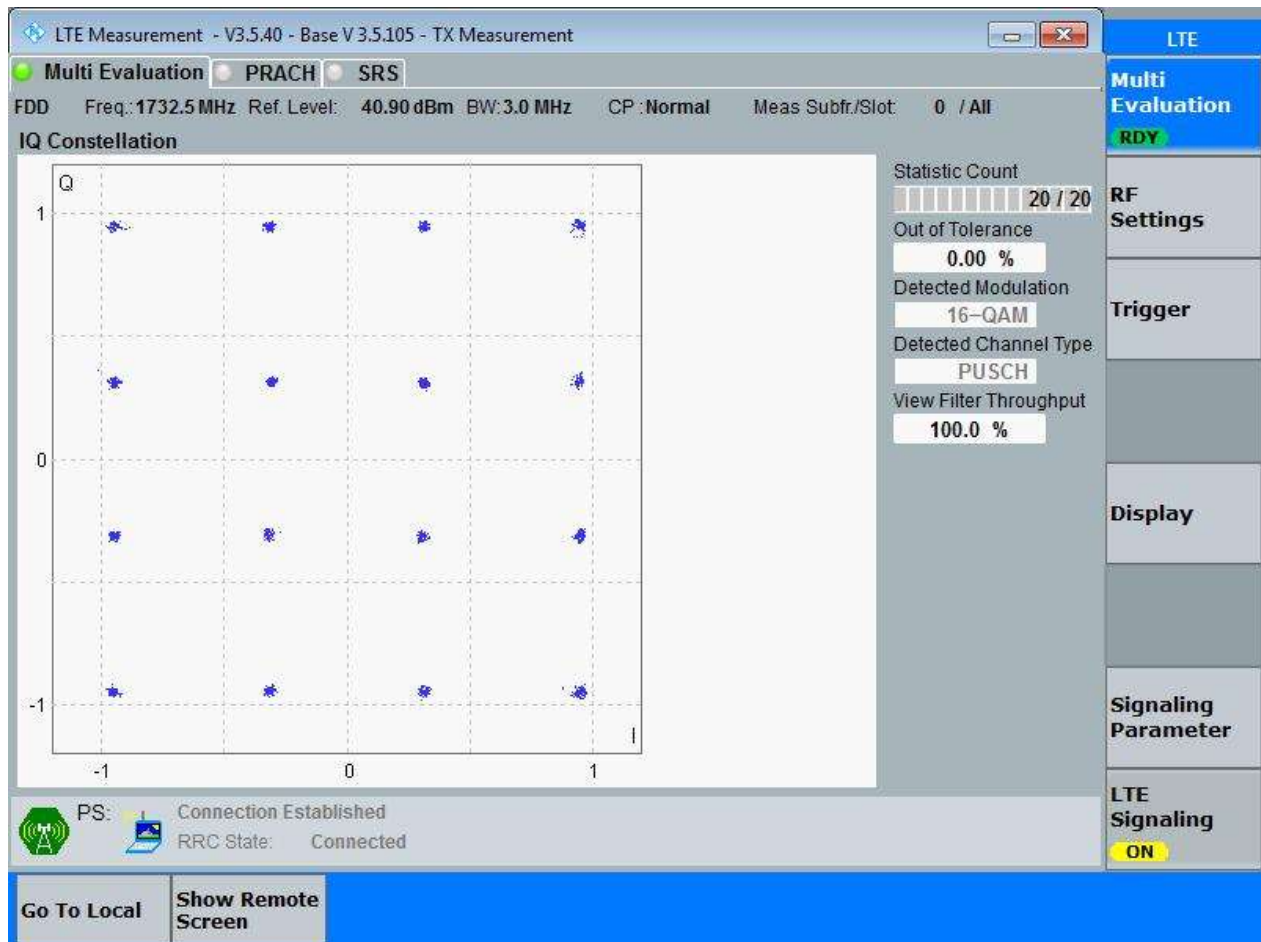
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

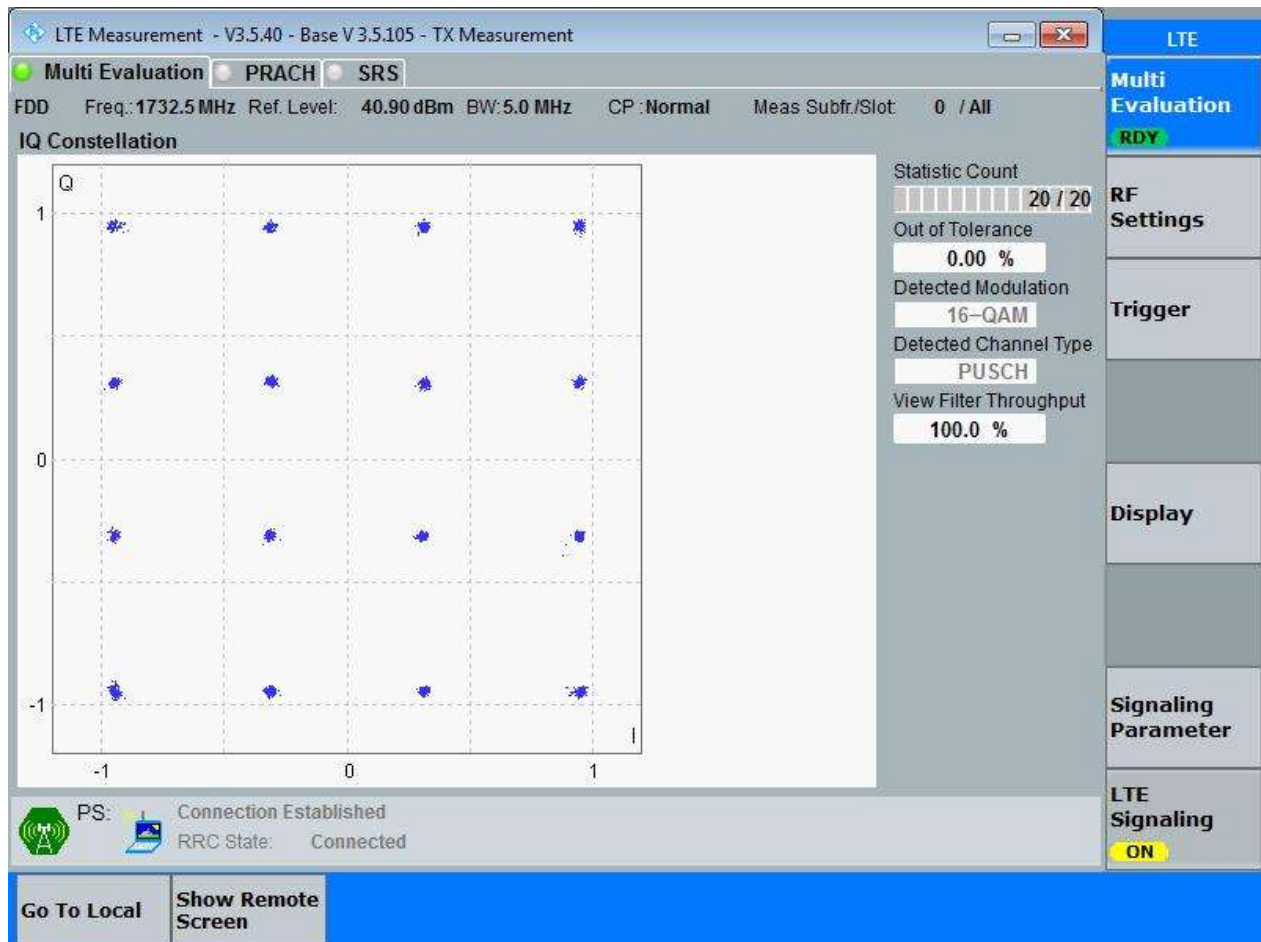
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

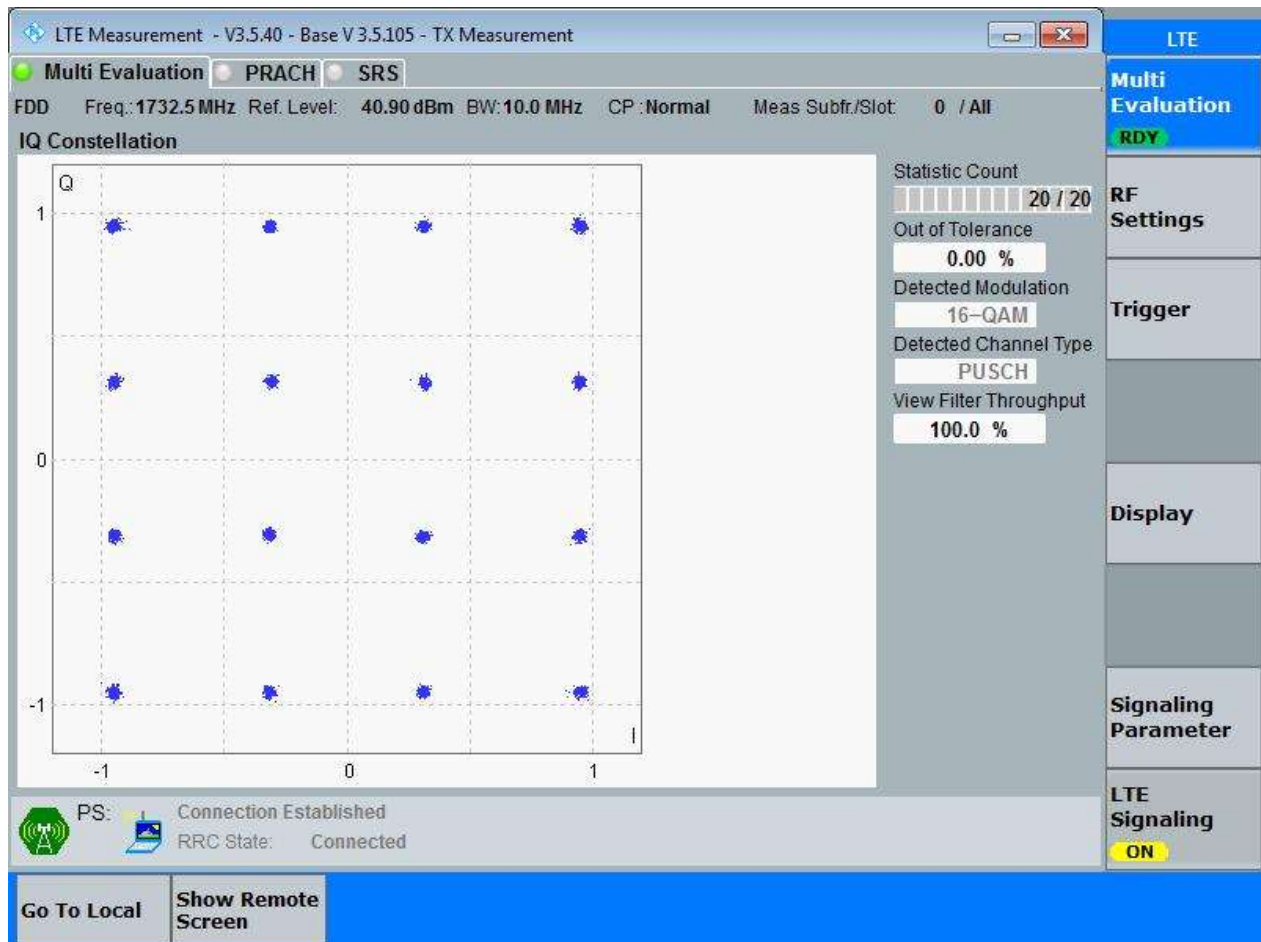
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

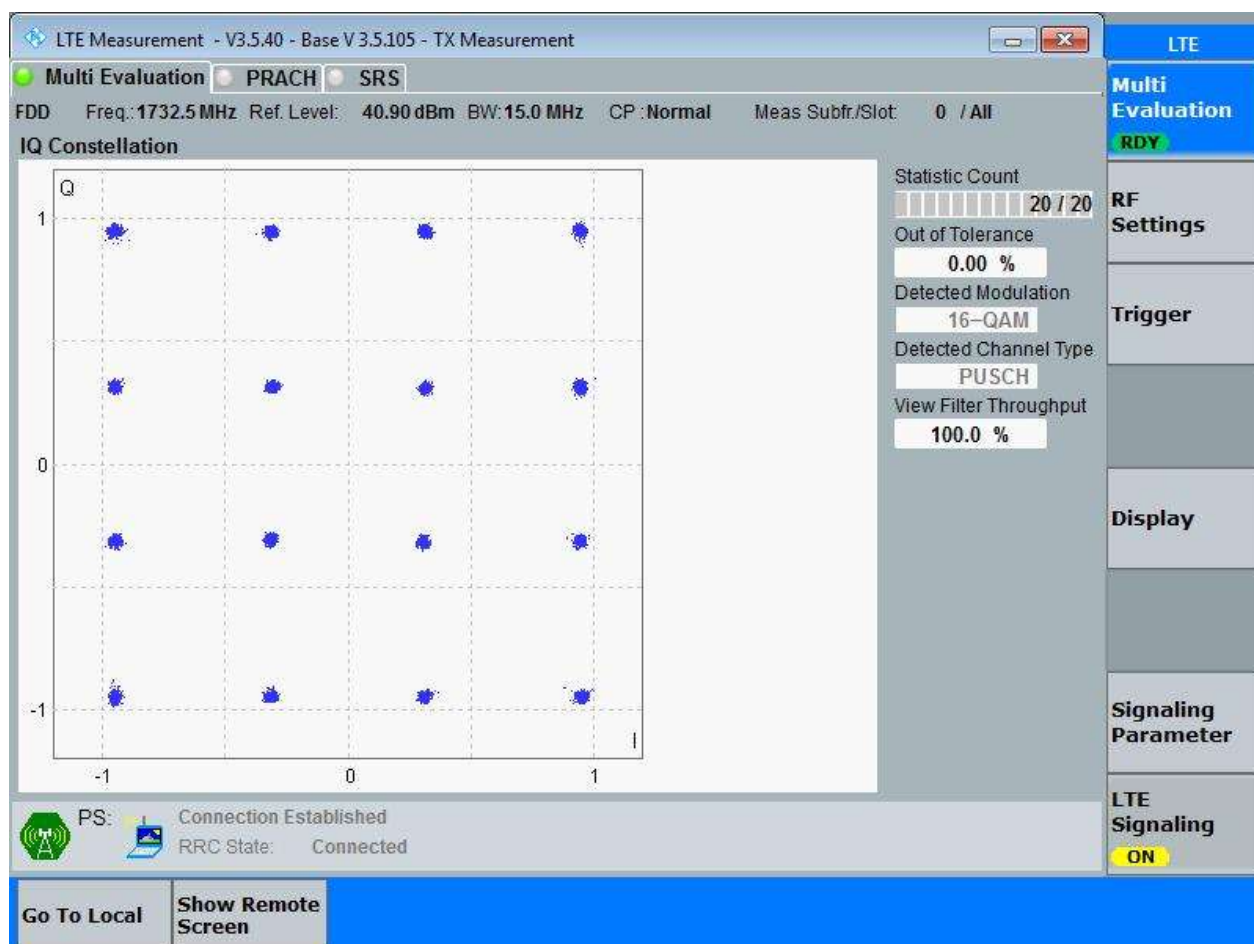
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

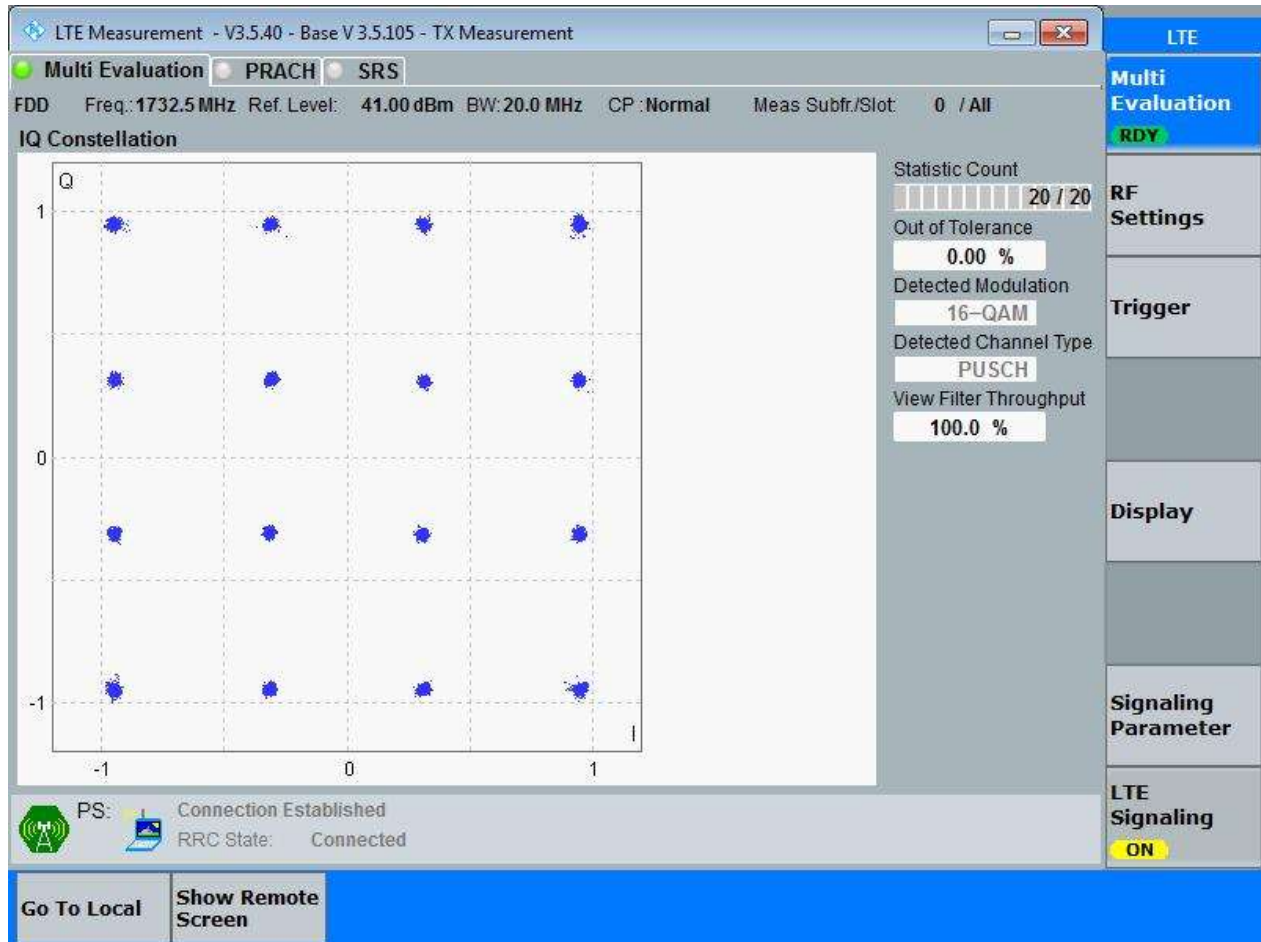
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.72	2.98	Pass
			HCH	RB15#0	2.70	2.99	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.52	4.98	Pass
		10	LCH	RB50#0	9.02	9.92	Pass
			MCH	RB50#0	9.01	9.91	Pass
			HCH	RB50#0	9.00	9.86	Pass
		15	LCH	RB75#0	13.50	15.04	Pass
			MCH	RB75#0	13.52	15.00	Pass
			HCH	RB75#0	13.52	15.12	Pass
		20	LCH	RB100#0	18.01	19.85	Pass
			MCH	RB100#0	17.99	19.80	Pass
			HCH	RB100#0	18.00	19.80	Pass
	LTE/TM2	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	2.72	2.99	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.72	2.99	Pass
		5	LCH	RB25#0	4.53	5.01	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.52	4.97	Pass
		10	LCH	RB50#0	9.01	9.93	Pass
			MCH	RB50#0	9.03	9.88	Pass
			HCH	RB50#0	9.02	9.95	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.52	15.05	Pass
			MCH	RB75#0	13.51	15.01	Pass
			HCH	RB75#0	13.50	15.00	Pass
		20	LCH	RB100#0	18.03	19.91	Pass
			MCH	RB100#0	18.03	19.88	Pass
			HCH	RB100#0	18.04	19.86	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



4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

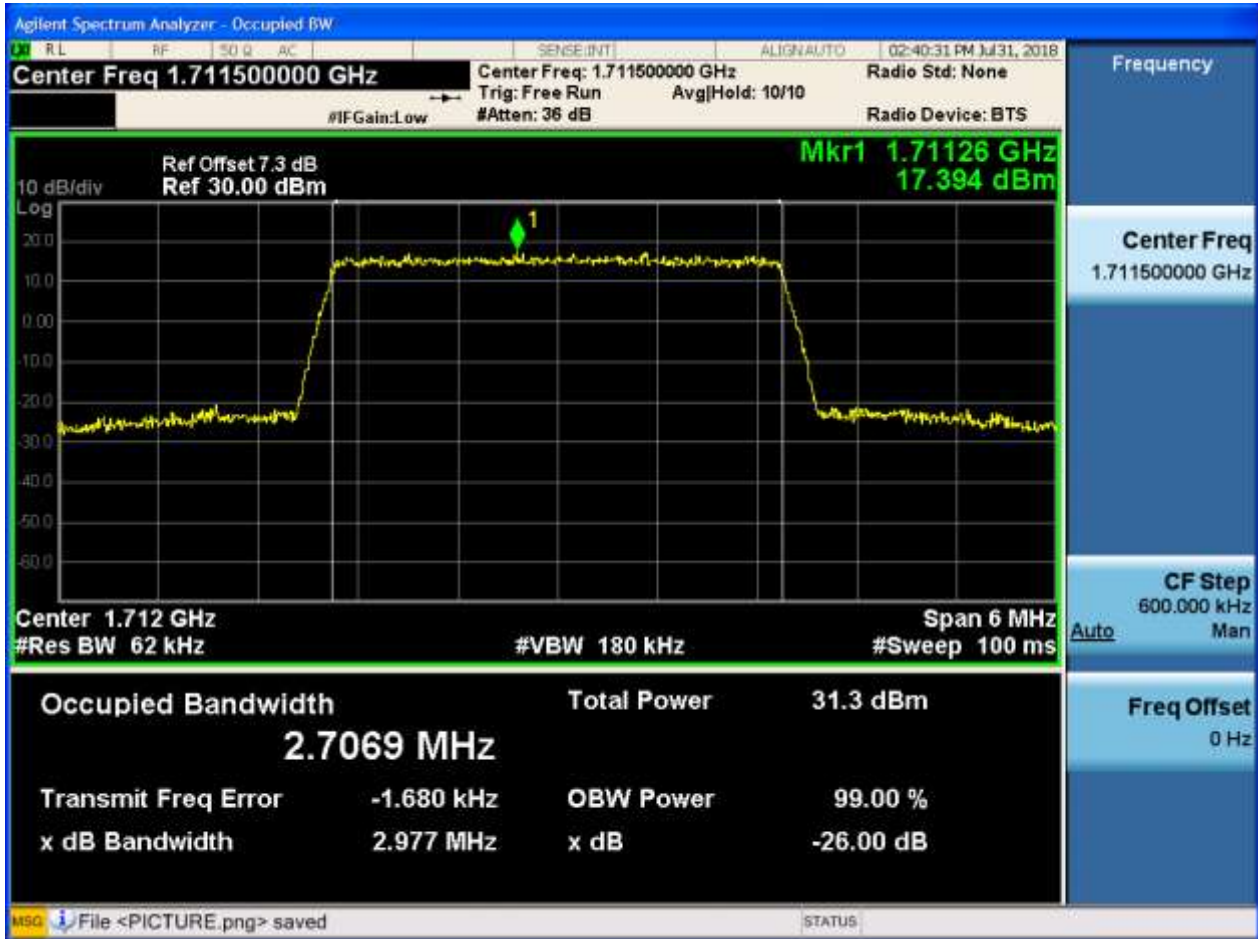
4.1.1.1.1.3.1 Test RB = RB6#0



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

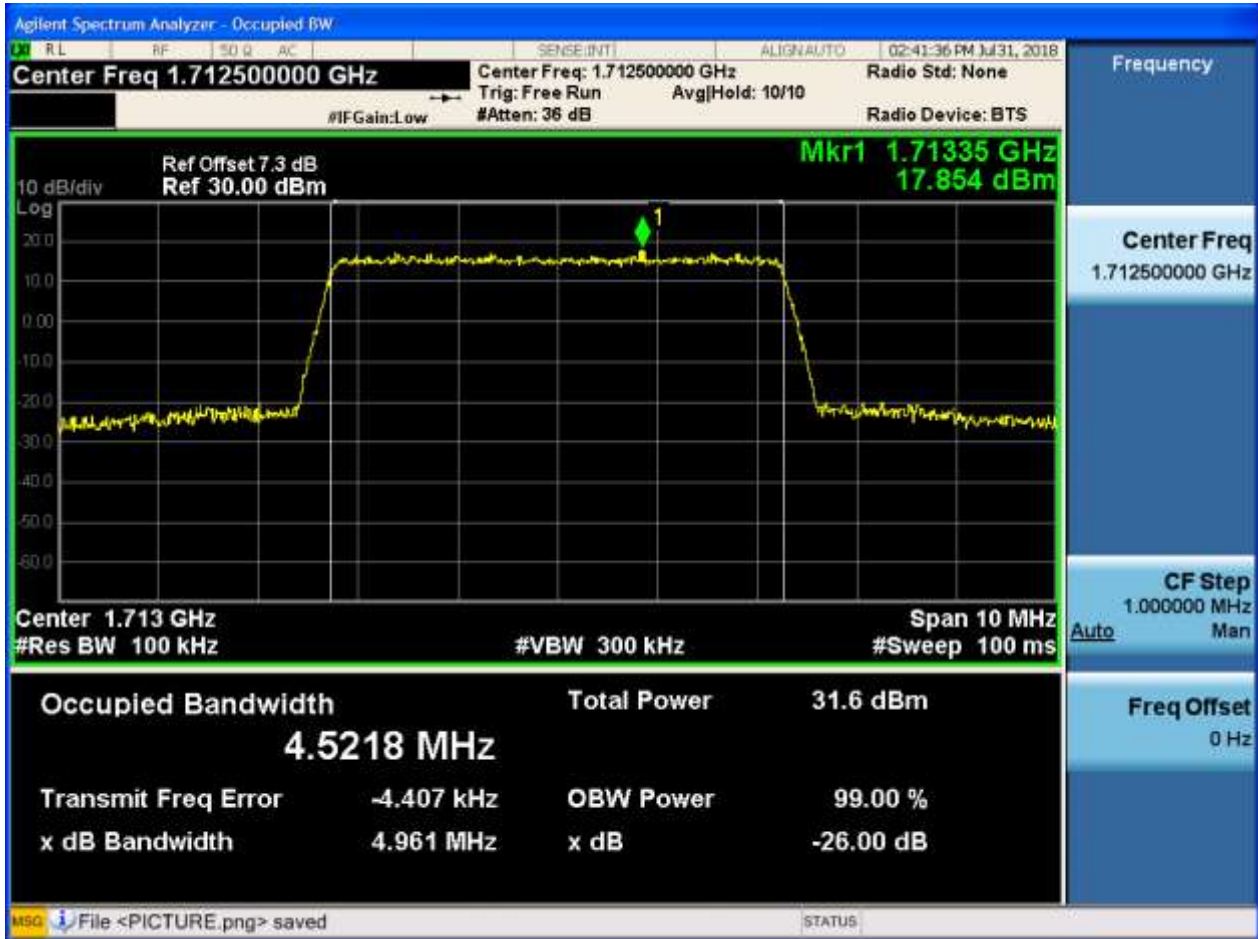




4.1.1.1.3 Test Bandwidth = 5

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

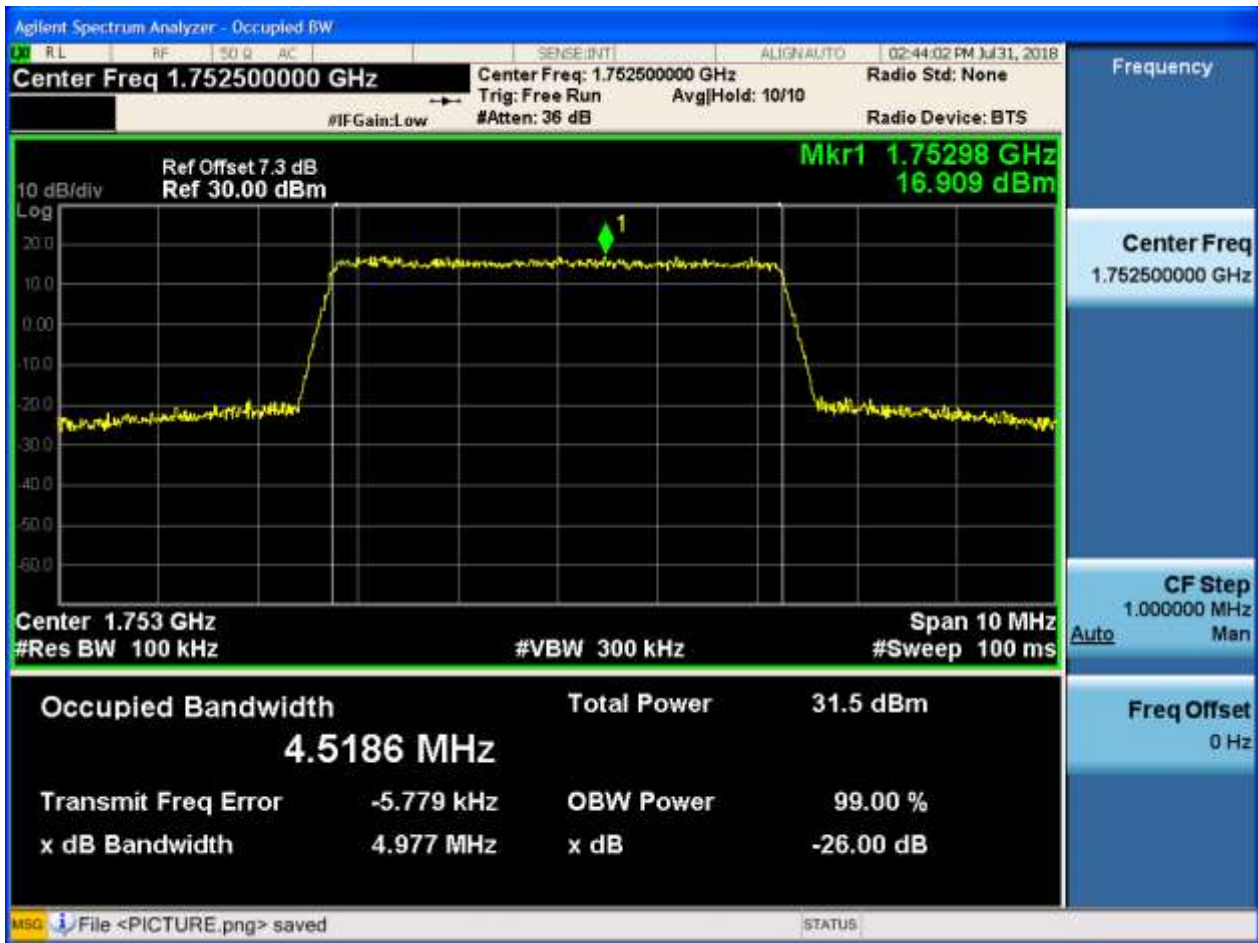
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

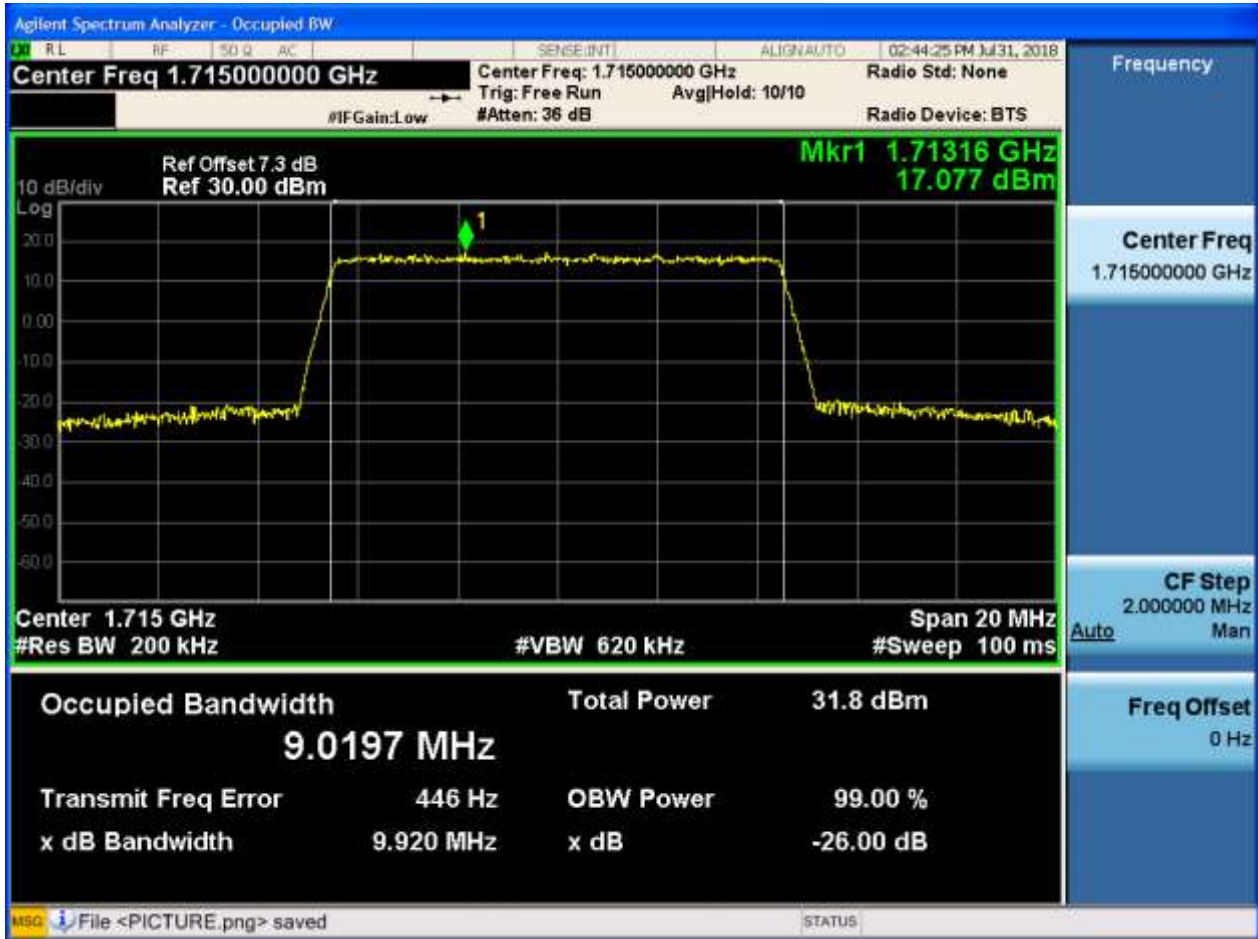




4.1.1.1.4 Test Bandwidth = 10

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

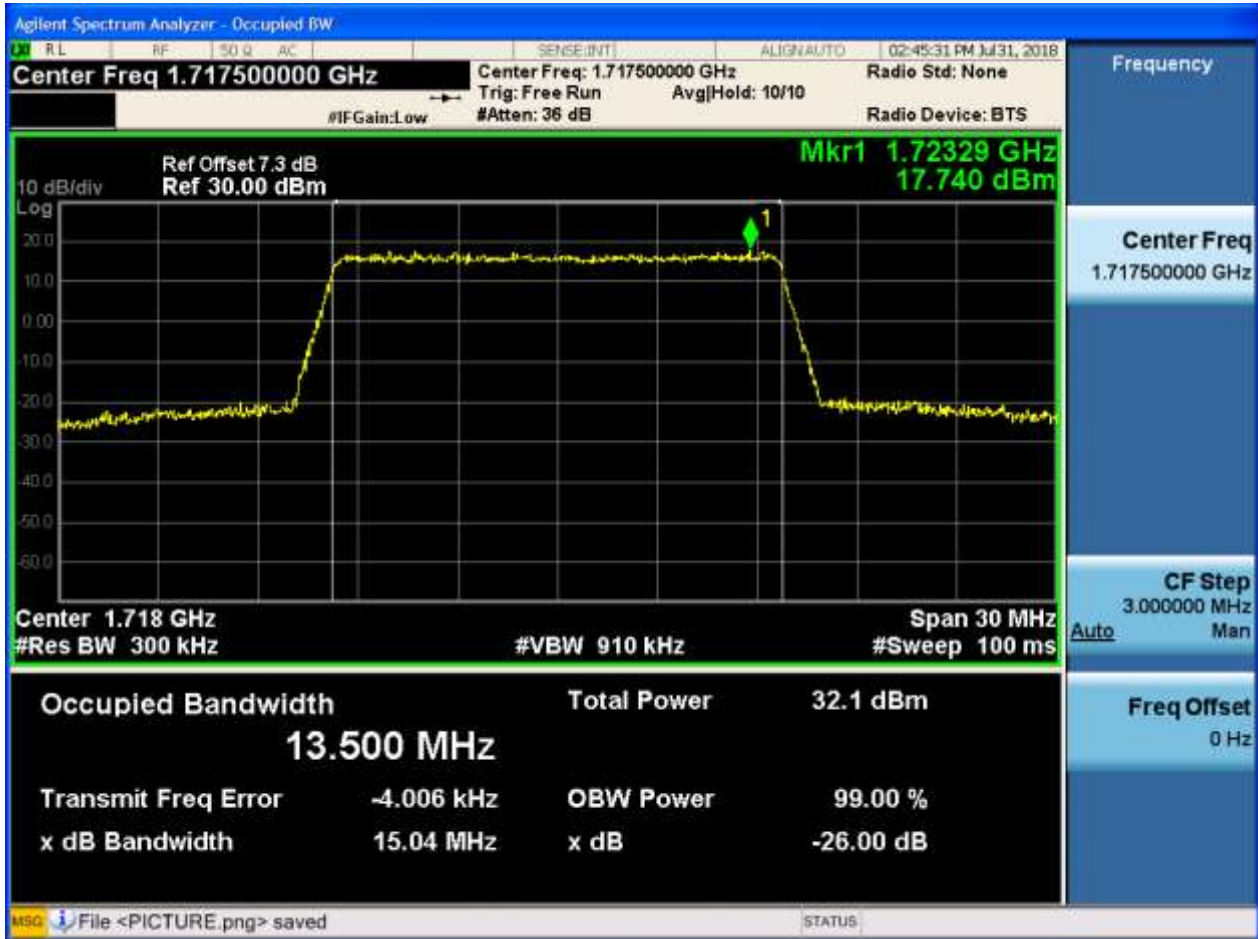




4.1.1.1.5 Test Bandwidth = 15

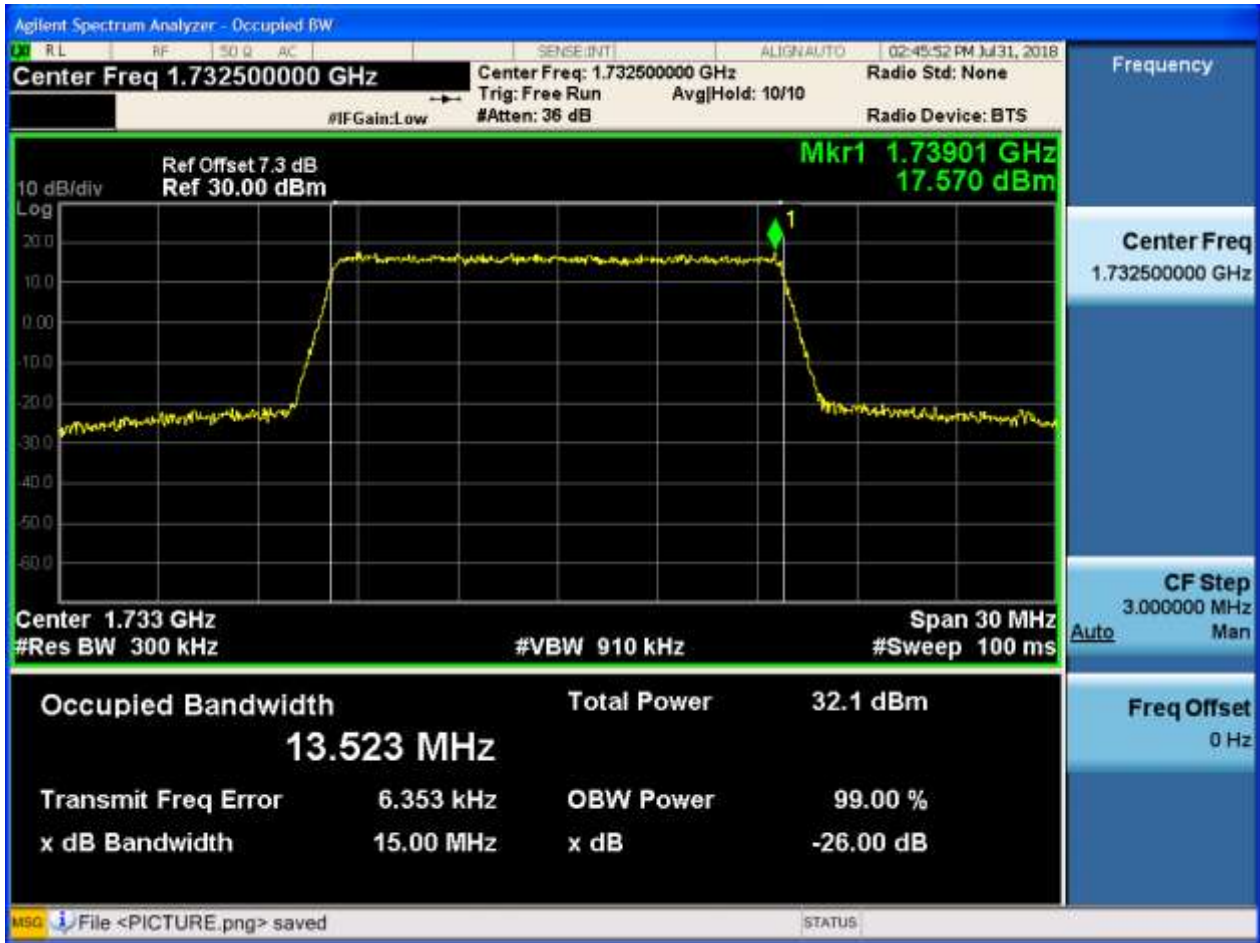
4.1.1.1.5.1 Test Channel = LCH

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

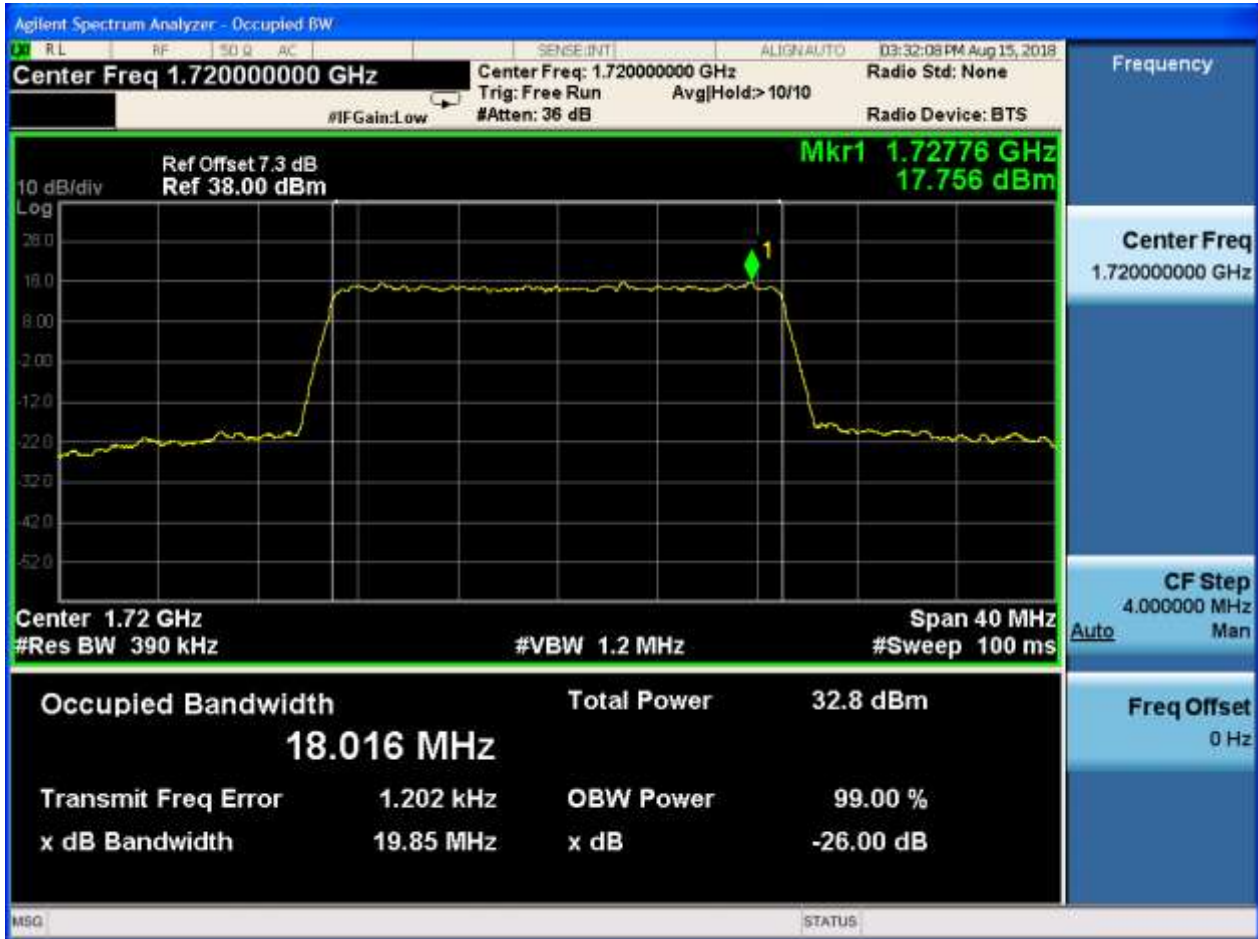




4.1.1.1.6 Test Bandwidth = 20

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

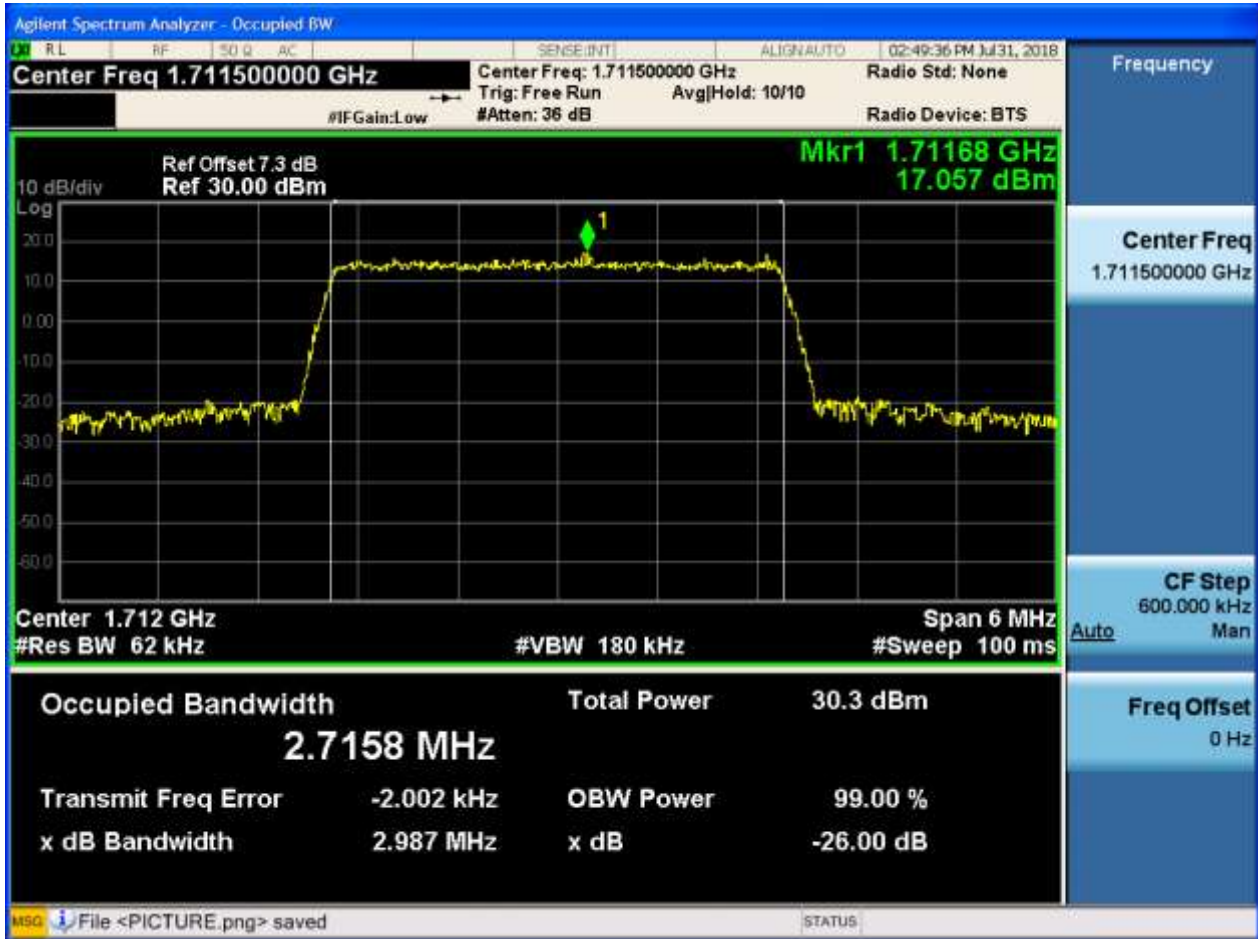




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

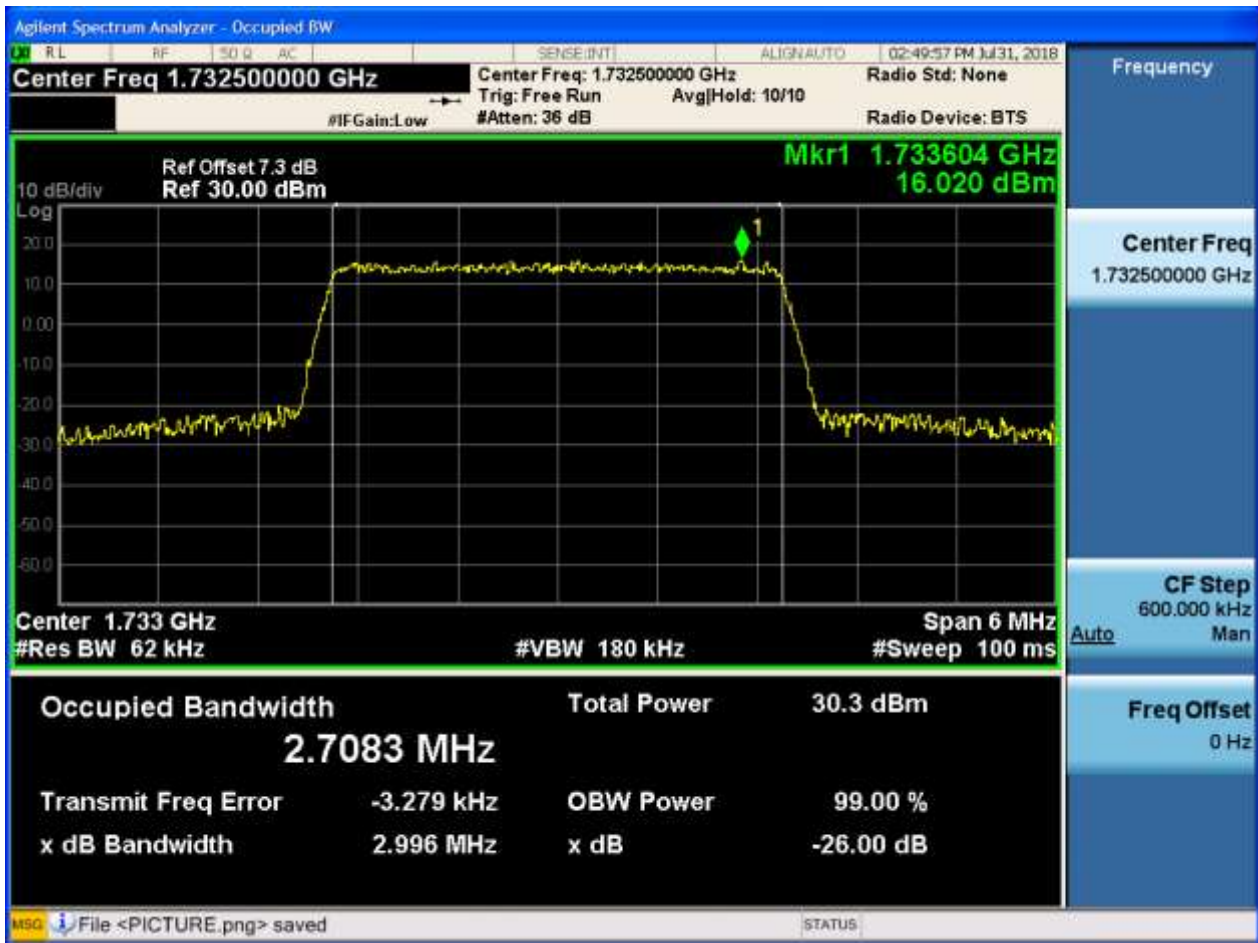
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

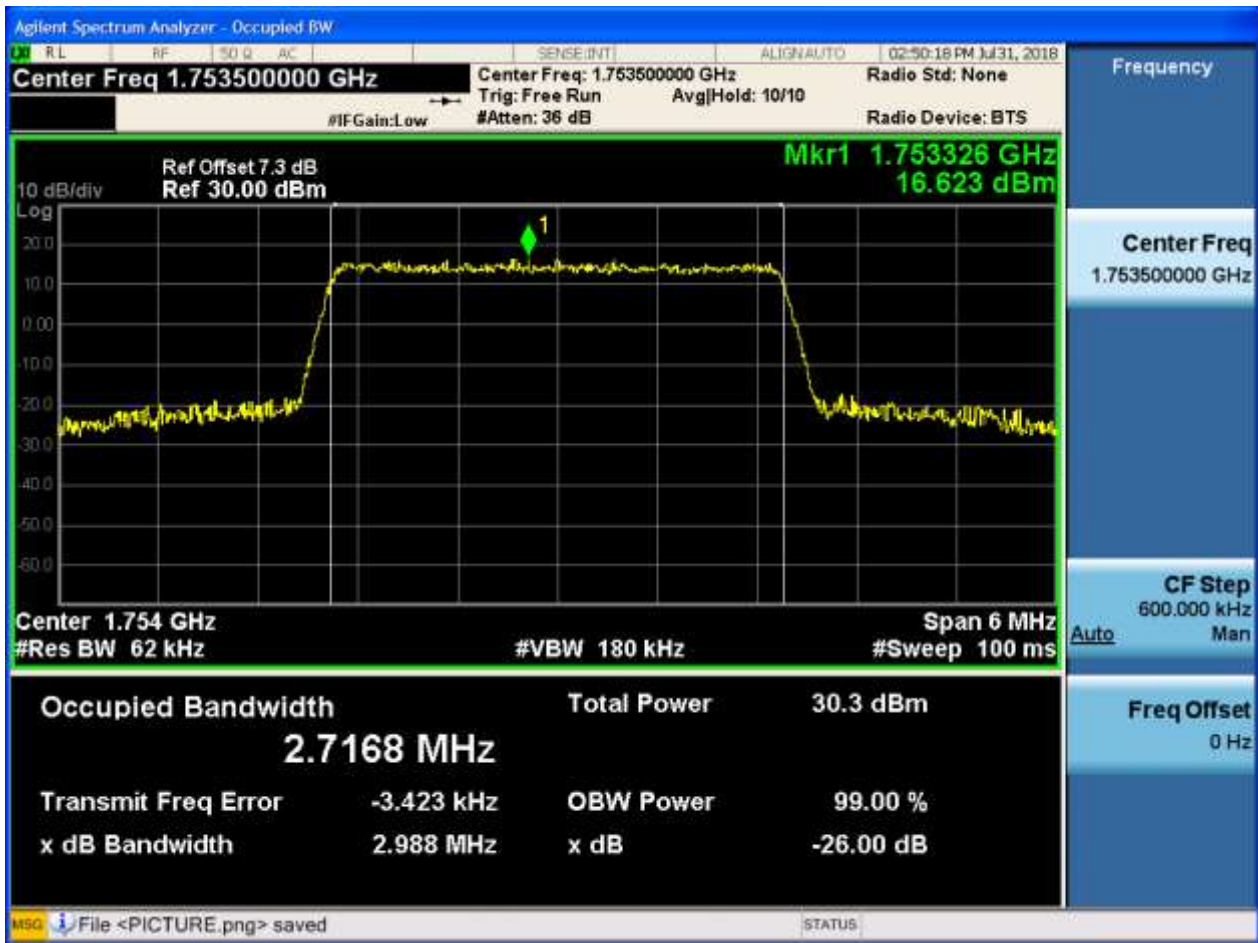
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

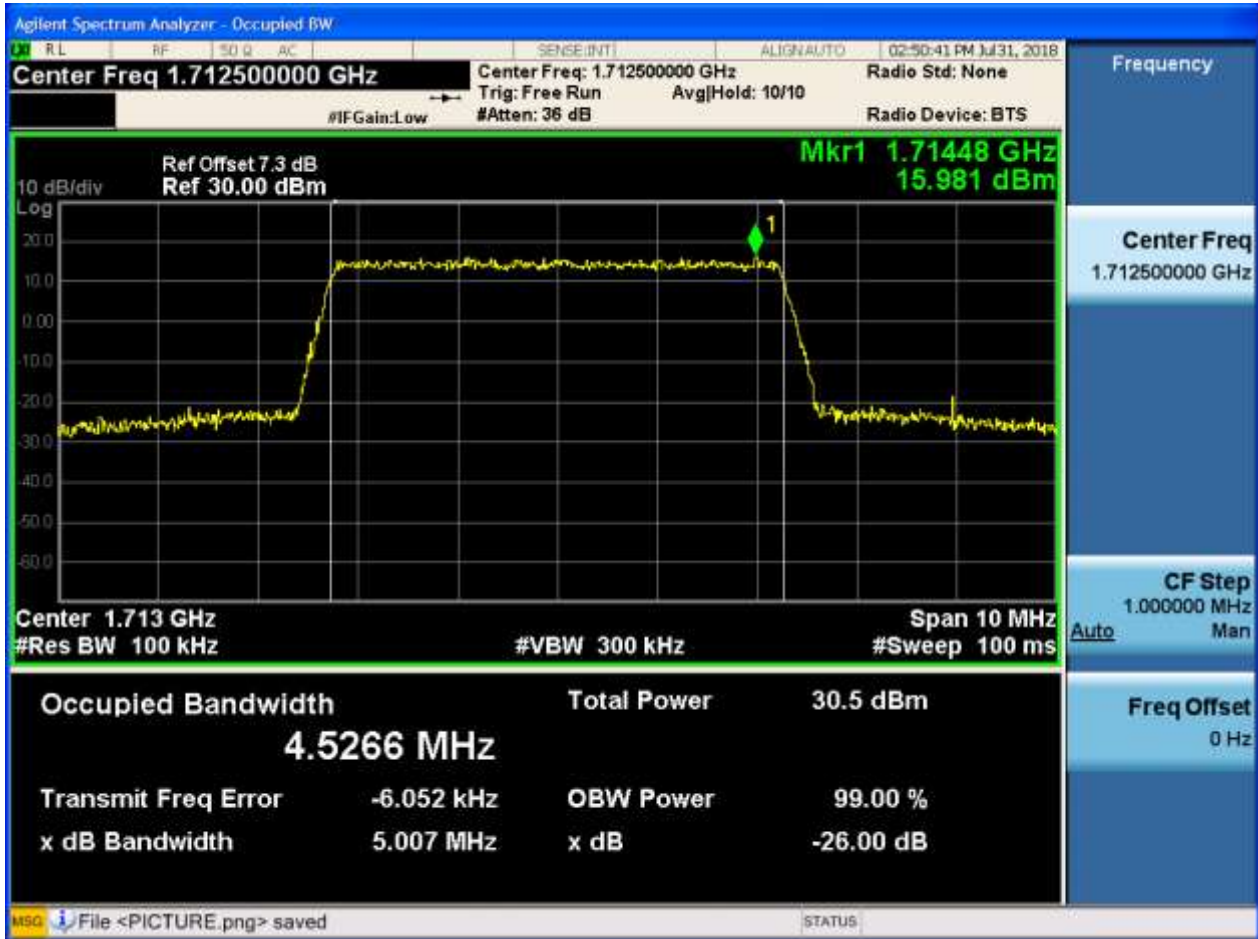




4.1.1.2.3 Test Bandwidth = 5

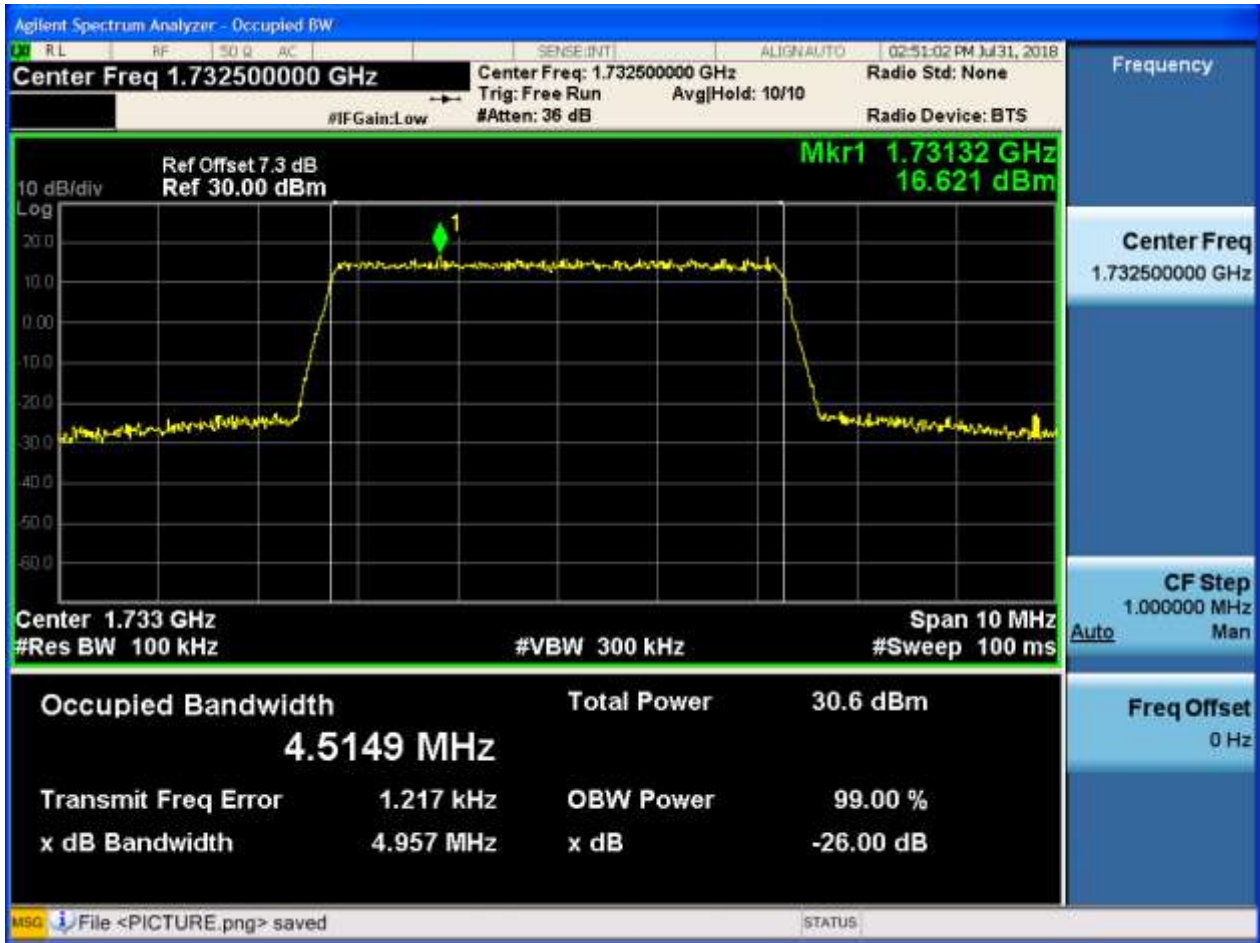
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

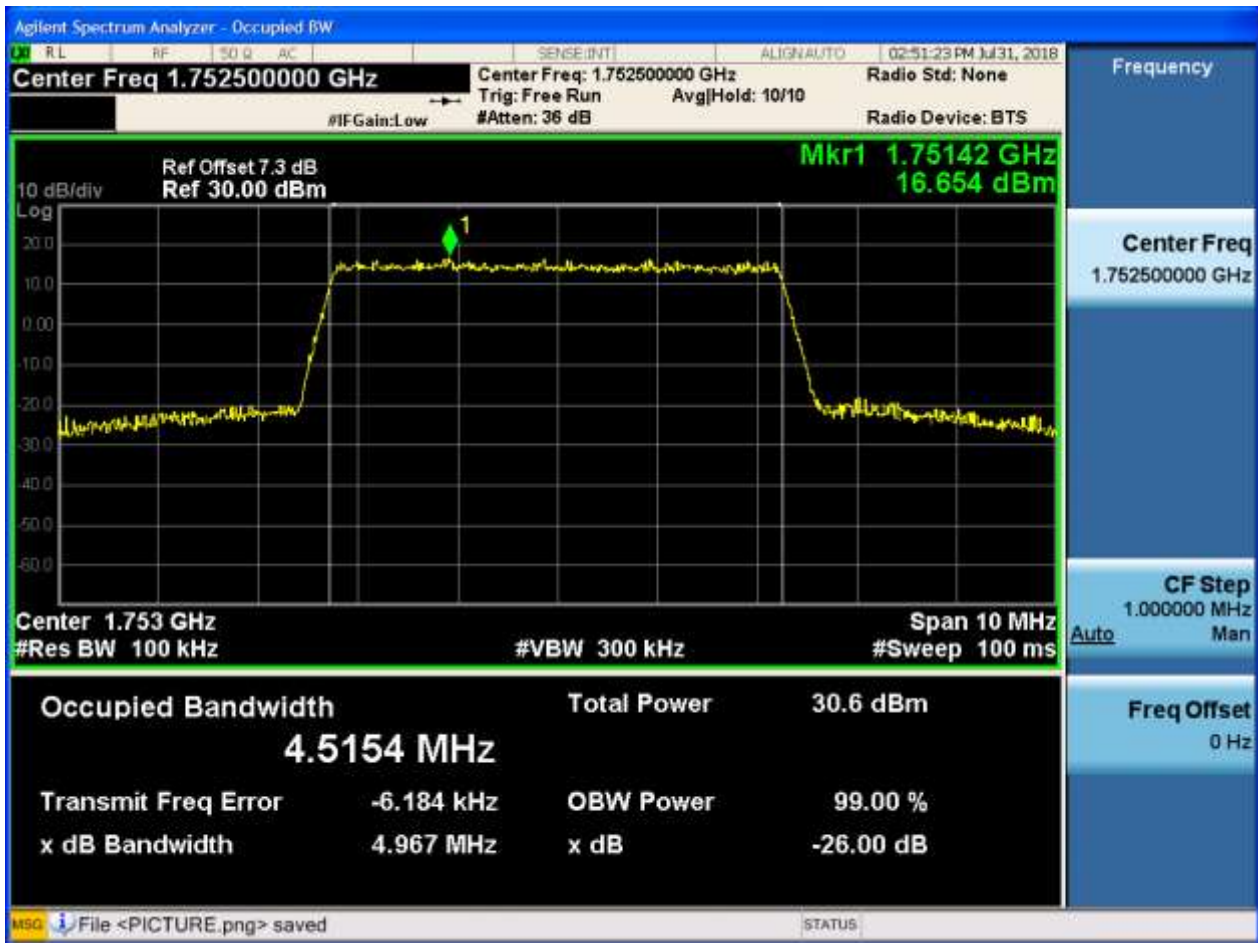
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

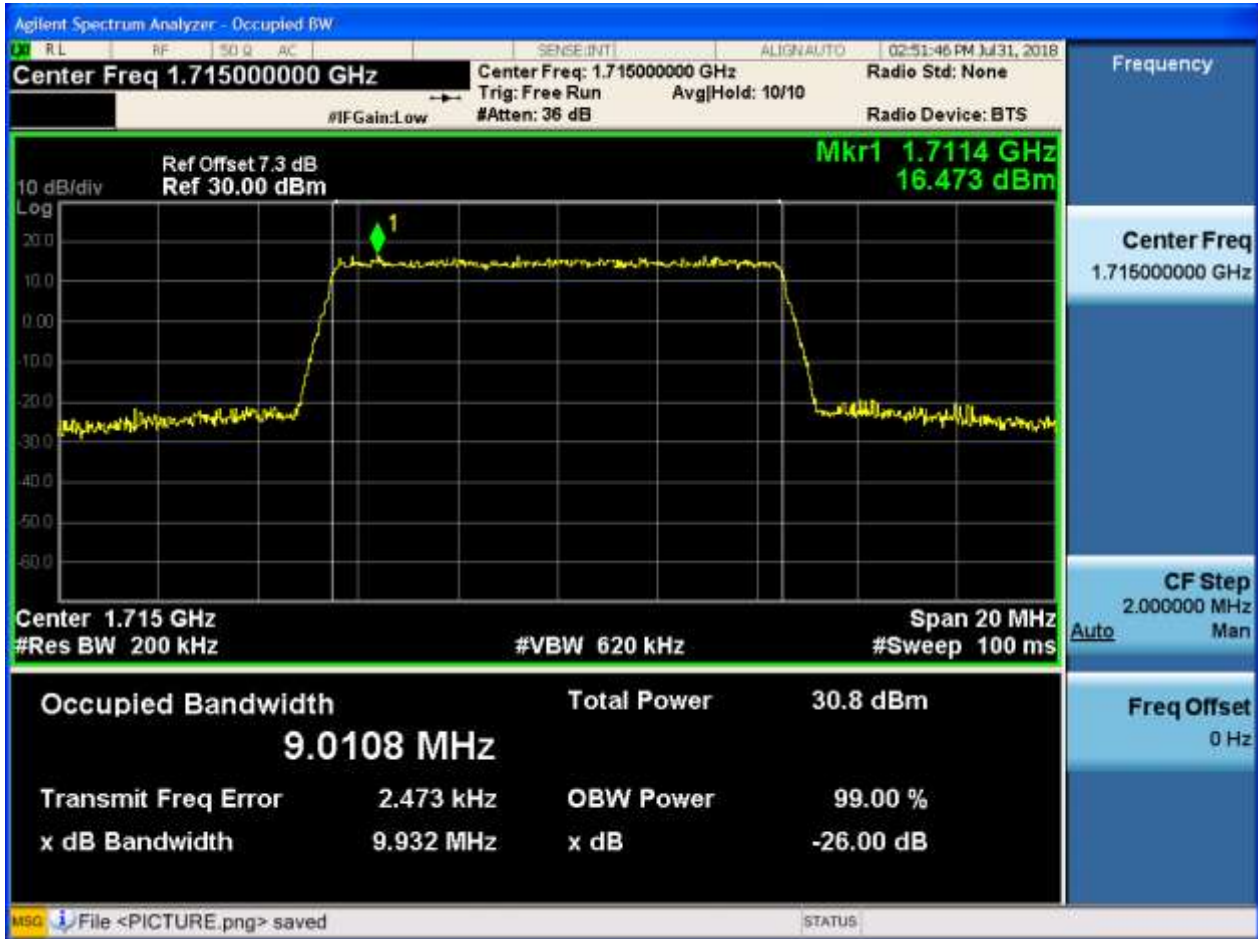
4.1.1.2.3.3.1 Test RB = RB25#0



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

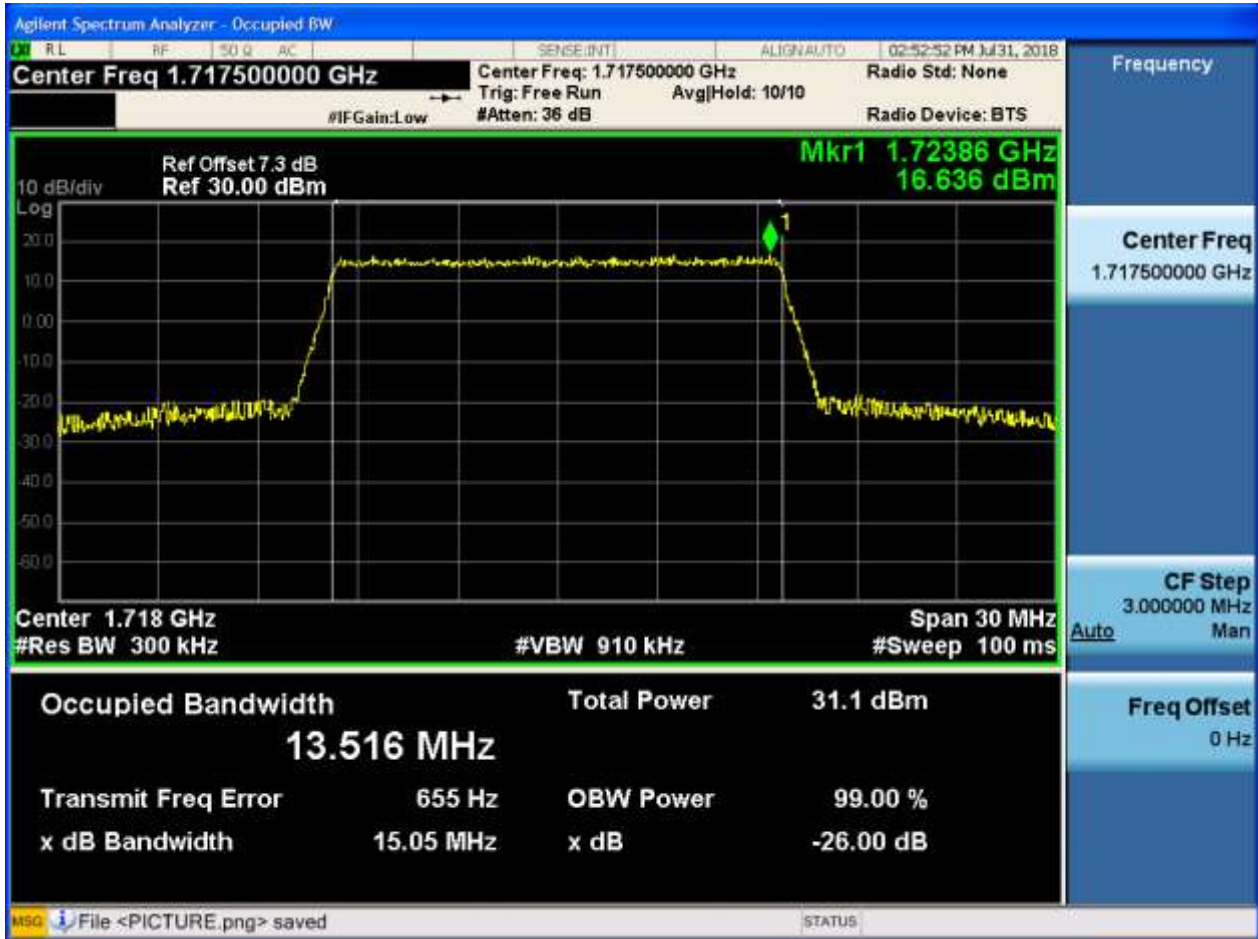




4.1.1.2.5 Test Bandwidth = 15

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 = 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





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

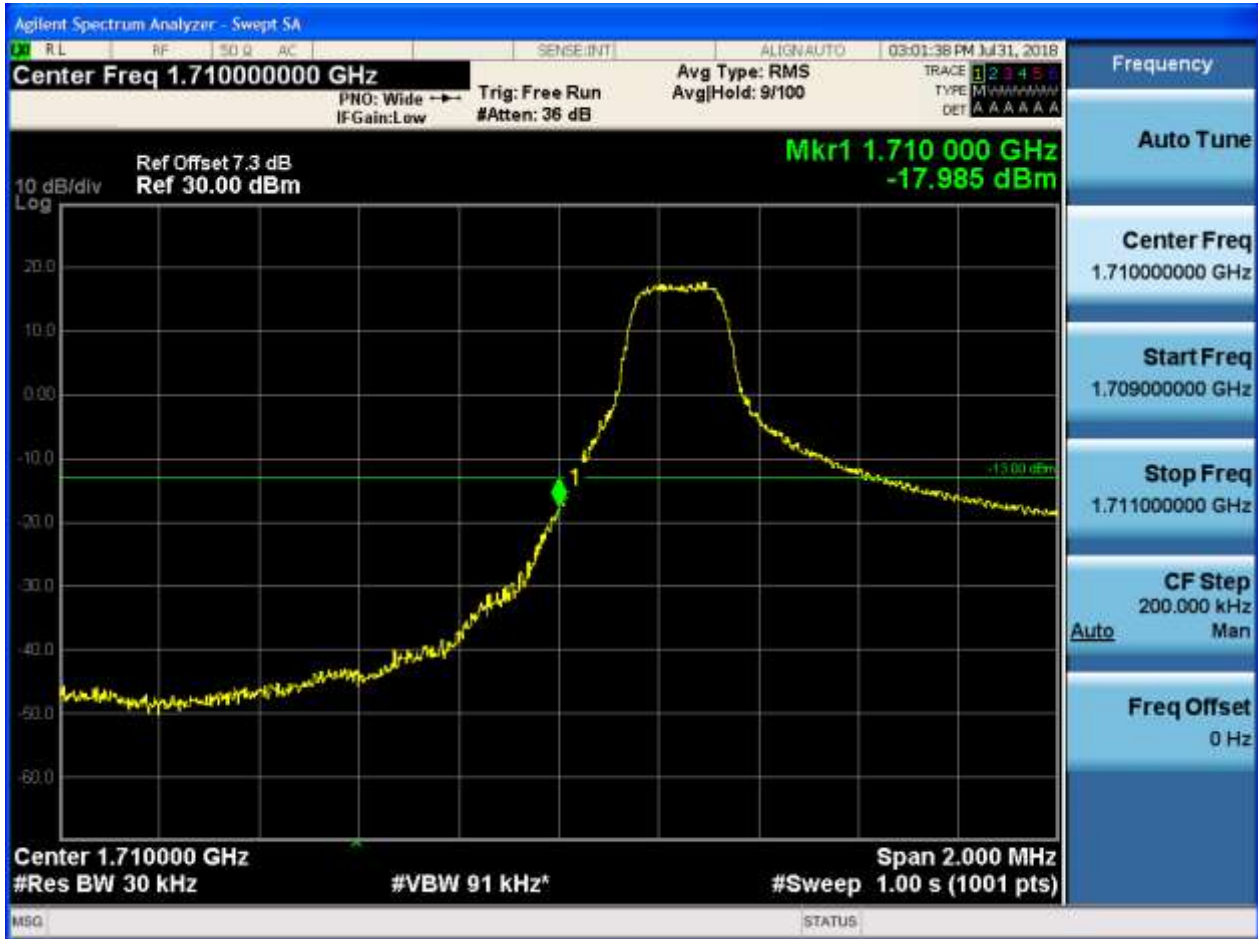




5.1.1.1.2 Test Bandwidth = 3

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



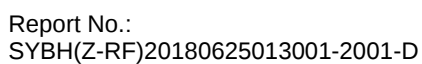


5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2.1 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



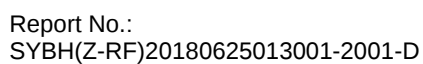


5.1.1.1.3.1.4 Test RB = RB25#0





5.1.1.1.3.2.1 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



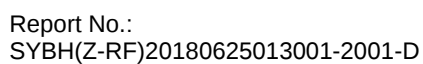


5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2.1 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





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.755000000 GHz

Ref Offset 7.3 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.755 000 GHz
-20.795 dBm

Center 1.755000 GHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency	
Auto Tune	
Center Freq	1.755000000 GHz
Start Freq	1.754000000 GHz
Stop Freq	1.756000000 GHz
CF Step	200.000 kHz Man
Freq Offset	0 Hz



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





5.1.1.1.6.2.1 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





5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

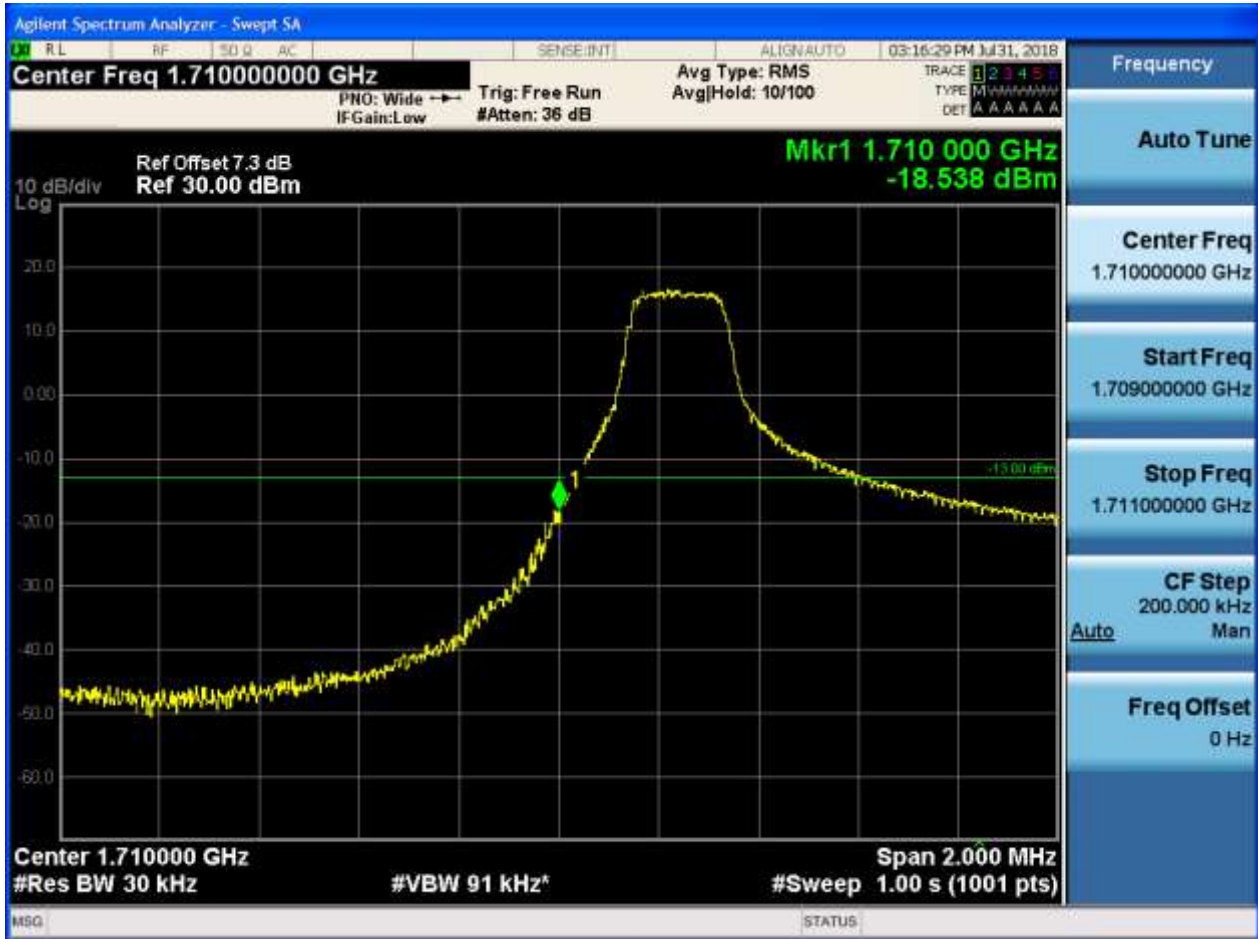




5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14



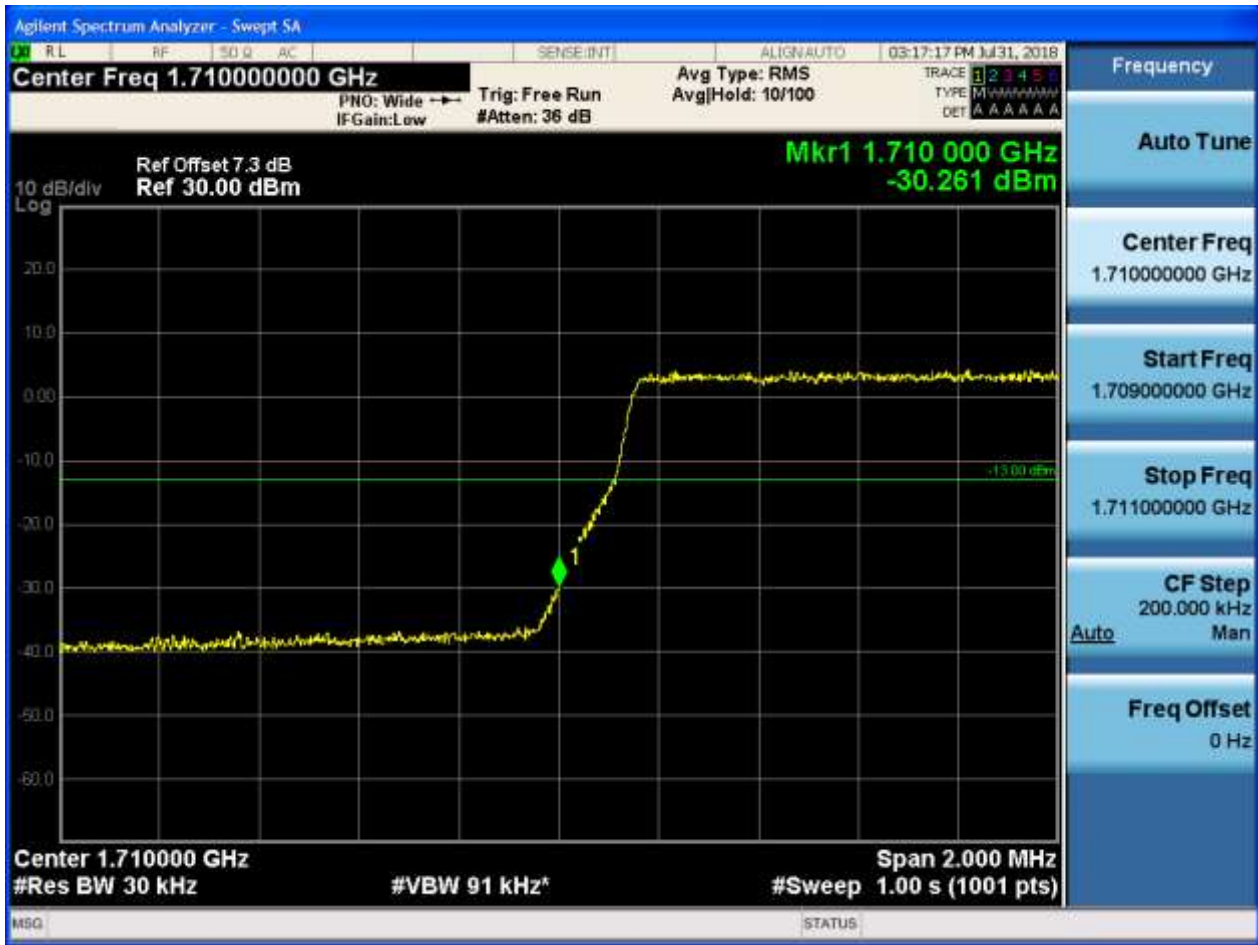


5.1.1.2.2.1.3 Test RB = RB8#4





5.1.1.2.2.1.4 Test RB = RB15#0



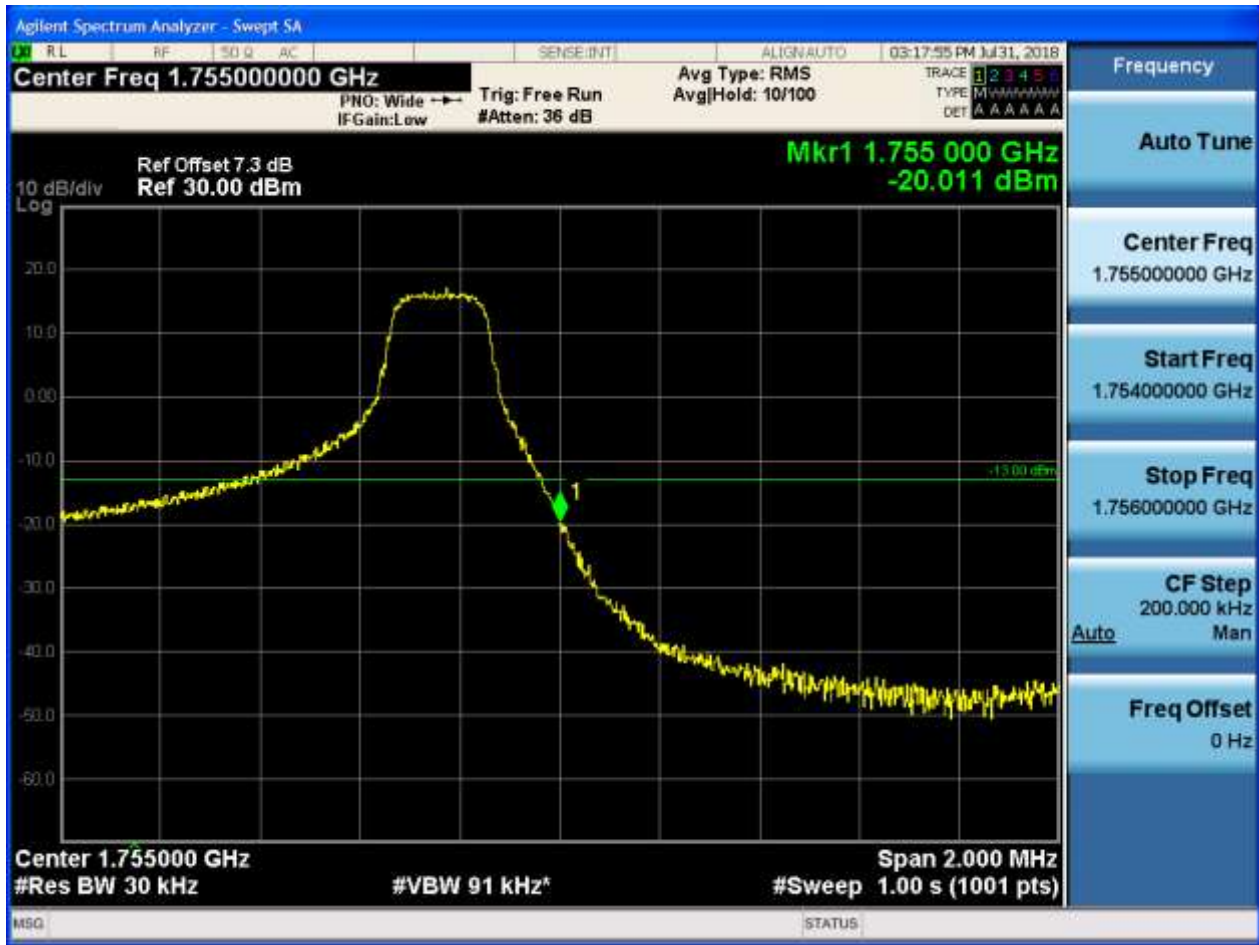


5.1.1.2.2.2.1 Test RB = RB1#0





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

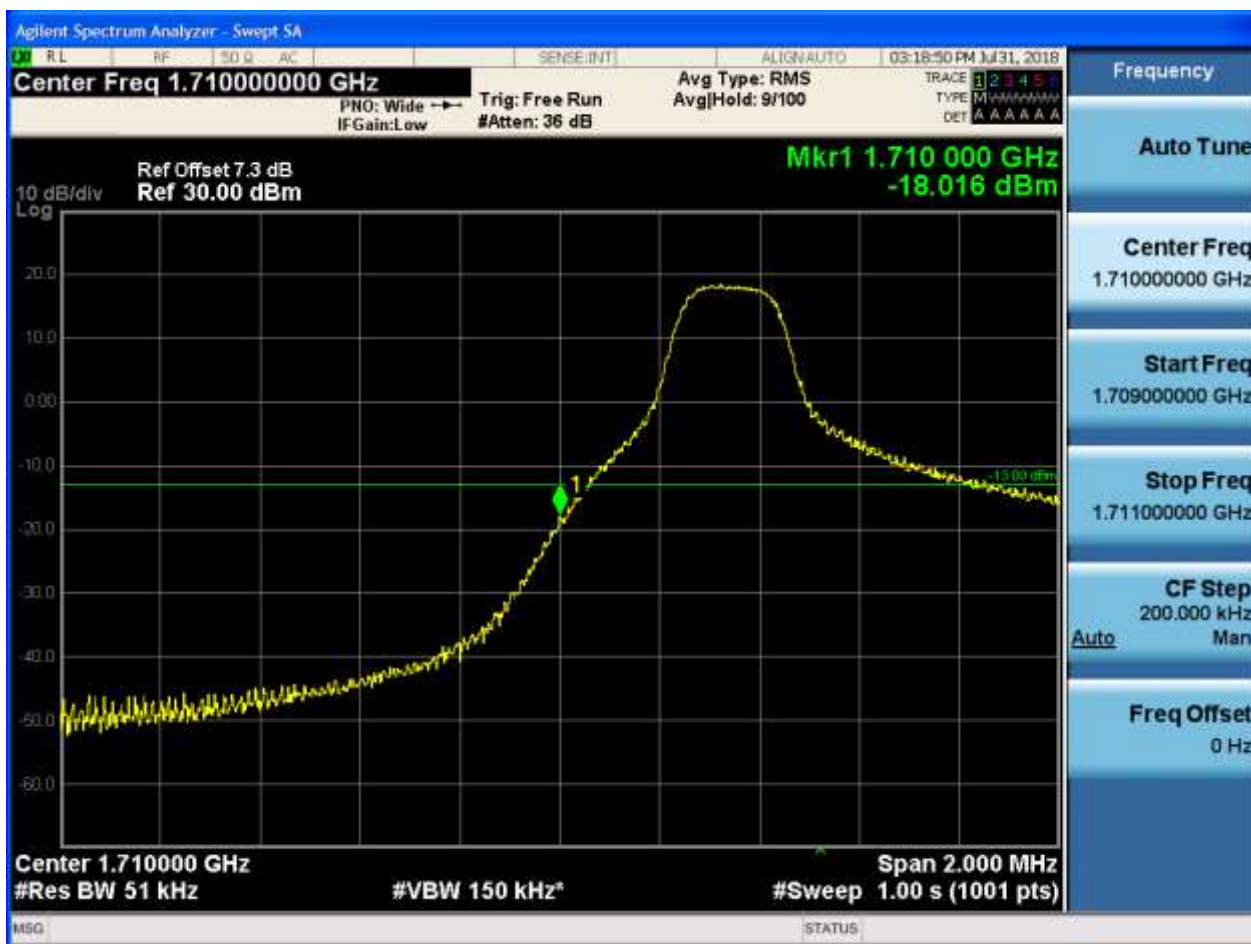




5.1.1.2.3 Test Bandwidth = 5

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

