



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	22.22	21.21	30	PASS
				RB1#3	21.87	20.86	30	PASS
				RB1#5	22.2	21.19	30	PASS
				RB3#0	21.85	20.84	30	PASS
				RB3#2	21.92	20.91	30	PASS
				RB3#3	21.98	20.97	30	PASS
				RB6#0	21.04	20.03	30	PASS
			MCH	RB1#0	22.2	21.19	30	PASS
				RB1#3	21.97	20.96	30	PASS
				RB1#5	22.21	21.2	30	PASS
				RB3#0	21.95	20.94	30	PASS
				RB3#2	21.82	20.81	30	PASS
				RB3#3	21.98	20.97	30	PASS
				RB6#0	21.04	20.03	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.1	21.09	30	PASS
				RB1#3	21.64	20.63	30	PASS
				RB1#5	22.04	21.03	30	PASS
				RB3#0	22.01	21	30	PASS
				RB3#2	21.65	20.64	30	PASS
				RB3#3	21.91	20.9	30	PASS
				RB6#0	20.95	19.94	30	PASS
		3	LCH	RB1#0	22.18	21.17	30	PASS
				RB1#7	21.58	20.57	30	PASS
				RB1#14	22.07	21.06	30	PASS
				RB8#0	21.1	20.09	30	PASS
				RB8#4	21.07	20.06	30	PASS
				RB8#7	21.04	20.03	30	PASS
				RB15#0	21.06	20.05	30	PASS
			MCH	RB1#0	22.24	21.23	30	PASS
				RB1#7	21.95	20.94	30	PASS
				RB1#14	22.11	21.1	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.11	20.1	30	PASS
				RB8#4	21.11	20.1	30	PASS
				RB8#7	21.05	20.04	30	PASS
				RB15#0	21.08	20.07	30	PASS
			HCH	RB1#0	22.12	21.11	30	PASS
				RB1#7	21.69	20.68	30	PASS
				RB1#14	22.04	21.03	30	PASS
				RB8#0	21	19.99	30	PASS
				RB8#4	20.94	19.93	30	PASS
				RB8#7	21.06	20.05	30	PASS
				RB15#0	21.02	20.01	30	PASS
		5	LCH	RB1#0	22	20.99	30	PASS
				RB1#13	22.01	21	30	PASS
				RB1#24	21.9	20.89	30	PASS
				RB12#0	20.99	19.98	30	PASS
				RB12#6	20.98	19.97	30	PASS
				RB12#13	20.84	19.83	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.88	19.87	30	PASS
			MCH	RB1#0	21.9	20.89	30	PASS
				RB1#13	21.9	20.89	30	PASS
				RB1#24	21.94	20.93	30	PASS
				RB12#0	20.79	19.78	30	PASS
				RB12#6	20.82	19.81	30	PASS
				RB12#13	20.96	19.95	30	PASS
				RB25#0	20.8	19.79	30	PASS
			HCH	RB1#0	21.87	20.86	30	PASS
				RB1#13	21.84	20.83	30	PASS
				RB1#24	21.77	20.76	30	PASS
				RB12#0	20.9	19.89	30	PASS
				RB12#6	20.84	19.83	30	PASS
				RB12#13	20.78	19.77	30	PASS
				RB25#0	20.76	19.75	30	PASS
		10	LCH	RB1#0	22.18	21.17	30	PASS
				RB1#25	21.86	20.85	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.03	21.02	30	PASS
				RB25#0	21.08	20.07	30	PASS
				RB25#13	21.07	20.06	30	PASS
				RB25#25	21.03	20.02	30	PASS
				RB50#0	21.04	20.03	30	PASS
			MCH	RB1#0	22.17	21.16	30	PASS
				RB1#25	21.8	20.79	30	PASS
				RB1#49	22.21	21.2	30	PASS
				RB25#0	21.11	20.1	30	PASS
				RB25#13	21.16	20.15	30	PASS
				RB25#25	21.15	20.14	30	PASS
				RB50#0	21.15	20.14	30	PASS
			HCH	RB1#0	22.02	21.01	30	PASS
				RB1#25	22.03	21.02	30	PASS
				RB1#49	22.1	21.09	30	PASS
				RB25#0	21.14	20.13	30	PASS
				RB25#13	21.02	20.01	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.05	20.04	30	PASS
				RB50#0	21	19.99	30	PASS
		15	LCH	RB1#0	22.1	21.09	30	PASS
				RB1#38	22.19	21.18	30	PASS
				RB1#74	22.13	21.12	30	PASS
				RB38#0	21.1	20.09	30	PASS
				RB38#19	21.17	20.16	30	PASS
				RB38#39	21.16	20.15	30	PASS
				RB75#0	21.17	20.16	30	PASS
			MCH	RB1#0	22.15	21.14	30	PASS
				RB1#38	22.23	21.22	30	PASS
				RB1#74	22.13	21.12	30	PASS
				RB38#0	21.07	20.06	30	PASS
				RB38#19	21.2	20.19	30	PASS
				RB38#39	21.19	20.18	30	PASS
				RB75#0	21.18	20.17	30	PASS
			HCH	RB1#0	22.13	21.12	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.03	21.02	30	PASS
				RB1#74	21.95	20.94	30	PASS
				RB38#0	21.21	20.2	30	PASS
				RB38#19	21	19.99	30	PASS
				RB38#39	21.08	20.07	30	PASS
				RB75#0	21.08	20.07	30	PASS
		20	LCH	RB1#0	22.02	21.01	30	PASS
				RB1#50	21.85	20.84	30	PASS
				RB1#99	22.23	21.22	30	PASS
				RB50#0	21.17	20.16	30	PASS
				RB50#25	21.04	20.03	30	PASS
				RB50#50	21.19	20.18	30	PASS
				RB100#0	21.09	20.08	30	PASS
			MCH	RB1#0	21.84	20.83	30	PASS
				RB1#50	21.75	20.74	30	PASS
				RB1#99	22.25	21.24	30	PASS
				RB50#0	21.08	20.07	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.06	20.05	30	PASS
				RB50#50	21.12	20.11	30	PASS
				RB100#0	21.1	20.09	30	PASS
			HCH	RB1#0	21.97	20.96	30	PASS
				RB1#50	21.72	20.71	30	PASS
				RB1#99	22.25	21.24	30	PASS
				RB50#0	21.05	20.04	30	PASS
				RB50#25	21.1	20.09	30	PASS
				RB50#50	21.13	20.12	30	PASS
				RB100#0	21.15	20.14	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.23	20.22	30	PASS
				RB1#3	20.9	19.89	30	PASS
				RB1#5	21.19	20.18	30	PASS
				RB3#0	21.13	20.12	30	PASS
				RB3#2	21.09	20.08	30	PASS
				RB3#3	21.05	20.04	30	PASS
				RB6#0	20.02	19.01	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.47	20.46	30	PASS
				RB1#3	21.21	20.2	30	PASS
				RB1#5	21.38	20.37	30	PASS
				RB3#0	21.16	20.15	30	PASS
				RB3#2	21.29	20.28	30	PASS
				RB3#3	21.09	20.08	30	PASS
				RB6#0	20.12	19.11	30	PASS
			HCH	RB1#0	21.42	20.41	30	PASS
				RB1#3	21.06	20.05	30	PASS
				RB1#5	21.36	20.35	30	PASS
				RB3#0	21.18	20.17	30	PASS
				RB3#2	21.08	20.07	30	PASS
				RB3#3	21.04	20.03	30	PASS
				RB6#0	20.06	19.05	30	PASS
		3	LCH	RB1#0	21.17	20.16	30	PASS
				RB1#7	20.79	19.78	30	PASS
				RB1#14	21.2	20.19	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	19.94	18.93	30	PASS
				RB8#4	19.98	18.97	30	PASS
				RB8#7	20.07	19.06	30	PASS
				RB15#0	19.99	18.98	30	PASS
			MCH	RB1#0	21.35	20.34	30	PASS
				RB1#7	20.98	19.97	30	PASS
				RB1#14	21.34	20.33	30	PASS
				RB8#0	20.06	19.05	30	PASS
				RB8#4	19.93	18.92	30	PASS
				RB8#7	19.97	18.96	30	PASS
				RB15#0	20.06	19.05	30	PASS
			HCH	RB1#0	21.24	20.23	30	PASS
				RB1#7	20.35	19.34	30	PASS
				RB1#14	21.35	20.34	30	PASS
				RB8#0	20.09	19.08	30	PASS
				RB8#4	19.99	18.98	30	PASS
				RB8#7	19.98	18.97	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB15#0	20.03	19.02	30	PASS
				RB1#0	21.06	20.05	30	PASS
				RB1#13	21.03	20.02	30	PASS
				RB1#24	21.06	20.05	30	PASS
				RB12#0	19.8	18.79	30	PASS
				RB12#6	19.79	18.78	30	PASS
				RB12#13	19.8	18.79	30	PASS
				RB25#0	19.76	18.75	30	PASS
			MCH	RB1#0	20.99	19.98	30	PASS
				RB1#13	21.05	20.04	30	PASS
				RB1#24	21.1	20.09	30	PASS
				RB12#0	19.8	18.79	30	PASS
				RB12#6	19.93	18.92	30	PASS
				RB12#13	19.91	18.9	30	PASS
				RB25#0	19.83	18.82	30	PASS
			HCH	RB1#0	21.11	20.1	30	PASS
				RB1#13	21.08	20.07	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.06	20.05	30	PASS
				RB12#0	19.94	18.93	30	PASS
				RB12#6	19.87	18.86	30	PASS
				RB12#13	19.76	18.75	30	PASS
				RB25#0	19.68	18.67	30	PASS
		10	LCH	RB1#0	21.11	20.1	30	PASS
				RB1#25	20.85	19.84	30	PASS
				RB1#49	21.18	20.17	30	PASS
				RB25#0	20.02	19.01	30	PASS
				RB25#13	20.02	19.01	30	PASS
				RB25#25	20.1	19.09	30	PASS
				RB50#0	20.06	19.05	30	PASS
			MCH	RB1#0	21.23	20.22	30	PASS
				RB1#25	21	19.99	30	PASS
				RB1#49	21.24	20.23	30	PASS
				RB25#0	20.03	19.02	30	PASS
				RB25#13	19.99	18.98	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.05	19.04	30	PASS
				RB50#0	20.01	19	30	PASS
			HCH	RB1#0	21.13	20.12	30	PASS
				RB1#25	20.77	19.76	30	PASS
				RB1#49	21.23	20.22	30	PASS
				RB25#0	20.08	19.07	30	PASS
				RB25#13	20.03	19.02	30	PASS
				RB25#25	20	18.99	30	PASS
				RB50#0	20.07	19.06	30	PASS
		15	LCH	RB1#0	21.22	20.21	30	PASS
				RB1#38	21.35	20.34	30	PASS
				RB1#74	21.15	20.14	30	PASS
				RB38#0	20.04	19.03	30	PASS
				RB38#19	20.05	19.04	30	PASS
				RB38#39	20.09	19.08	30	PASS
				RB75#0	20.02	19.01	30	PASS
			MCH	RB1#0	21.41	20.4	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.45	20.44	30	PASS
				RB1#74	21.41	20.4	30	PASS
				RB38#0	20.02	19.01	30	PASS
				RB38#19	20.04	19.03	30	PASS
				RB38#39	20.14	19.13	30	PASS
				RB75#0	20.04	19.03	30	PASS
			HCH	RB1#0	21.18	20.17	30	PASS
				RB1#38	21.38	20.37	30	PASS
				RB1#74	21.19	20.18	30	PASS
				RB38#0	20.1	19.09	30	PASS
				RB38#19	20.08	19.07	30	PASS
				RB38#39	20	18.99	30	PASS
				RB75#0	20.03	19.02	30	PASS
		20	LCH	RB1#0	21.27	20.26	30	PASS
				RB1#50	21.14	20.13	30	PASS
				RB1#99	21.51	20.5	30	PASS
				RB50#0	20.12	19.11	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.08	19.07	30	PASS
				RB50#50	20.05	19.04	30	PASS
				RB100#0	20.1	19.09	30	PASS
			MCH	RB1#0	21.05	20.04	30	PASS
				RB1#50	21.1	20.09	30	PASS
				RB1#99	21.35	20.34	30	PASS
				RB50#0	20.05	19.04	30	PASS
				RB50#25	19.97	18.96	30	PASS
				RB50#50	20	18.99	30	PASS
				RB100#0	20.07	19.06	30	PASS
			HCH	RB1#0	21.31	20.3	30	PASS
				RB1#50	21.23	20.22	30	PASS
				RB1#99	21.6	20.59	30	PASS
				RB50#0	20.02	19.01	30	PASS
				RB50#25	20.07	19.06	30	PASS
				RB50#50	20.1	19.09	30	PASS
				RB100#0	20.07	19.06	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:

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

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

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

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

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	4.68	13	PASS
				RB1#3	4.87	13	PASS
				RB1#5	4.81	13	PASS
				RB3#0	5.41	13	PASS
				RB3#2	5.43	13	PASS
				RB3#3	5.46	13	PASS
				RB6#0	5.79	13	PASS
			MCH	RB1#0	4.51	13	PASS
				RB1#3	4.57	13	PASS
				RB1#5	4.63	13	PASS
				RB3#0	5.3	13	PASS
				RB3#2	5.37	13	PASS
				RB3#3	5.37	13	PASS
				RB6#0	5.68	13	PASS
			HCH	RB1#0	4.93	13	PASS
				RB1#3	5.18	13	PASS
				RB1#5	4.9	13	PASS
				RB3#0	5.47	13	PASS
				RB3#2	5.6	13	PASS
				RB3#3	5.5	13	PASS
				RB6#0	6.08	13	PASS
		3	LCH	RB1#0	4.83	13	PASS
				RB1#7	5.19	13	PASS
				RB1#14	4.89	13	PASS
				RB8#0	5.73	13	PASS
				RB8#4	5.69	13	PASS
				RB8#7	5.7	13	PASS
				RB15#0	5.88	13	PASS
			MCH	RB1#0	4.75	13	PASS
				RB1#7	4.78	13	PASS
				RB1#14	4.84	13	PASS
				RB8#0	5.99	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	5.81	13	PASS
				RB8#7	5.79	13	PASS
				RB15#0	6.17	13	PASS
			HCH	RB1#0	5.21	13	PASS
				RB1#7	5.17	13	PASS
				RB1#14	5.04	13	PASS
				RB8#0	6	13	PASS
				RB8#4	6.05	13	PASS
				RB8#7	5.98	13	PASS
				RB15#0	5.89	13	PASS
		5	LCH	RB1#0	4.97	13	PASS
				RB1#13	5.25	13	PASS
				RB1#24	5.1	13	PASS
				RB12#0	5.87	13	PASS
				RB12#6	5.83	13	PASS
				RB12#13	5.9	13	PASS
				RB25#0	6.24	13	PASS
			MCH	RB1#0	5.22	13	PASS
				RB1#13	5.01	13	PASS
				RB1#24	5.17	13	PASS
				RB12#0	5.86	13	PASS
				RB12#6	5.92	13	PASS
				RB12#13	5.83	13	PASS
				RB25#0	6.57	13	PASS
			HCH	RB1#0	5.16	13	PASS
				RB1#13	5.08	13	PASS
				RB1#24	5.09	13	PASS
				RB12#0	6.13	13	PASS
				RB12#6	6.16	13	PASS
				RB12#13	6.05	13	PASS
				RB25#0	6.2	13	PASS
		10	LCH	RB1#0	4.76	13	PASS
				RB1#25	4.85	13	PASS
				RB1#49	4.81	13	PASS
				RB25#0	6.04	13	PASS
				RB25#13	6.01	13	PASS
				RB25#25	6.07	13	PASS
				RB50#0	6.28	13	PASS
			MCH	RB1#0	4.98	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.8	13	PASS
				RB1#49	4.9	13	PASS
				RB25#0	6.03	13	PASS
				RB25#13	5.93	13	PASS
				RB25#25	5.77	13	PASS
				RB50#0	6.28	13	PASS
			HCH	RB1#0	5.03	13	PASS
				RB1#25	5.12	13	PASS
				RB1#49	5.07	13	PASS
				RB25#0	6.14	13	PASS
				RB25#13	6.11	13	PASS
				RB25#25	6.18	13	PASS
				RB50#0	6.25	13	PASS
		15	LCH	RB1#0	4.75	13	PASS
				RB1#38	4.75	13	PASS
				RB1#74	4.97	13	PASS
				RB38#0	6.08	13	PASS
				RB38#19	6.1	13	PASS
				RB38#39	6.18	13	PASS
			MCH	RB1#0	5.1	13	PASS
				RB1#38	4.85	13	PASS
				RB1#74	4.93	13	PASS
				RB38#0	6.19	13	PASS
				RB38#19	6.04	13	PASS
				RB38#39	5.94	13	PASS
			HCH	RB1#0	4.99	13	PASS
				RB1#38	4.97	13	PASS
				RB1#74	4.98	13	PASS
				RB38#0	6.02	13	PASS
				RB38#19	6.14	13	PASS
				RB38#39	6.18	13	PASS
		20	LCH	RB1#0	5.19	13	PASS
				RB1#50	5.4	13	PASS
				RB1#99	5.16	13	PASS
				RB50#0	5.93	13	PASS
				RB50#25	5.98	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#50	6	13	PASS
				RB100#0	6.46	13	PASS
			MCH	RB1#0	5.49	13	PASS
				RB1#50	5.02	13	PASS
				RB1#99	5.17	13	PASS
				RB50#0	6	13	PASS
				RB50#25	6.13	13	PASS
				RB50#50	6.04	13	PASS
				RB100#0	6.36	13	PASS
			HCH	RB1#0	4.95	13	PASS
				RB1#50	4.98	13	PASS
				RB1#99	4.91	13	PASS
				RB50#0	6.04	13	PASS
				RB50#25	6.03	13	PASS
				RB50#50	6.15	13	PASS
				RB100#0	6.31	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.68	13	PASS
				RB1#3	5.96	13	PASS
				RB1#5	5.74	13	PASS
				RB3#0	6.37	13	PASS
				RB3#2	6.52	13	PASS
				RB3#3	6.36	13	PASS
				RB6#0	6.66	13	PASS
			MCH	RB1#0	5.99	13	PASS
				RB1#3	5.99	13	PASS
				RB1#5	5.97	13	PASS
				RB3#0	6.06	13	PASS
				RB3#2	6.37	13	PASS
				RB3#3	6.34	13	PASS
				RB6#0	6.82	13	PASS
			HCH	RB1#0	5.61	13	PASS
				RB1#3	5.85	13	PASS
				RB1#5	5.68	13	PASS
				RB3#0	6.1	13	PASS
				RB3#2	6.31	13	PASS
				RB3#3	6.17	13	PASS
				RB6#0	6.95	13	PASS
		3	LCH	RB1#0	5.8	13	PASS
				RB1#7	6.37	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	6.17	13	PASS
				RB8#0	6.55	13	PASS
				RB8#4	6.58	13	PASS
				RB8#7	6.59	13	PASS
				RB15#0	6.64	13	PASS
			MCH	RB1#0	5.72	13	PASS
				RB1#7	5.69	13	PASS
				RB1#14	5.7	13	PASS
				RB8#0	6.74	13	PASS
				RB8#4	6.59	13	PASS
				RB8#7	6.66	13	PASS
				RB15#0	6.71	13	PASS
			HCH	RB1#0	5.53	13	PASS
				RB1#7	5.7	13	PASS
				RB1#14	5.51	13	PASS
				RB8#0	6.75	13	PASS
				RB8#4	6.63	13	PASS
				RB8#7	6.68	13	PASS
				RB15#0	6.81	13	PASS
		5	LCH	RB1#0	5.96	13	PASS
				RB1#13	5.98	13	PASS
				RB1#24	6.25	13	PASS
				RB12#0	6.81	13	PASS
				RB12#6	6.62	13	PASS
				RB12#13	6.74	13	PASS
				RB25#0	6.87	13	PASS
			MCH	RB1#0	5.78	13	PASS
				RB1#13	5.5	13	PASS
				RB1#24	5.74	13	PASS
				RB12#0	6.94	13	PASS
				RB12#6	6.7	13	PASS
				RB12#13	6.82	13	PASS
				RB25#0	7.1	13	PASS
			HCH	RB1#0	5.48	13	PASS
				RB1#13	5.54	13	PASS
				RB1#24	5.49	13	PASS
				RB12#0	7.05	13	PASS
				RB12#6	7.11	13	PASS
				RB12#13	7.03	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB25#0	7.11	13	PASS
				RB1#0	5.8	13	PASS
			LCH	RB1#25	6.18	13	PASS
				RB1#49	6.18	13	PASS
				RB25#0	6.66	13	PASS
				RB25#13	6.59	13	PASS
				RB25#25	6.81	13	PASS
				RB50#0	6.96	13	PASS
			MCH	RB1#0	5.84	13	PASS
				RB1#25	5.69	13	PASS
				RB1#49	5.79	13	PASS
				RB25#0	6.94	13	PASS
				RB25#13	6.8	13	PASS
				RB25#25	6.83	13	PASS
				RB50#0	7.18	13	PASS
			HCH	RB1#0	5.61	13	PASS
				RB1#25	5.68	13	PASS
				RB1#49	5.67	13	PASS
				RB25#0	6.98	13	PASS
				RB25#13	6.94	13	PASS
				RB25#25	7.02	13	PASS
				RB50#0	7.13	13	PASS
		15	LCH	RB1#0	5.76	13	PASS
				RB1#38	5.97	13	PASS
				RB1#74	5.98	13	PASS
				RB38#0	6.82	13	PASS
				RB38#19	6.9	13	PASS
				RB38#39	6.99	13	PASS
				RB75#0	7.23	13	PASS
			MCH	RB1#0	6.08	13	PASS
				RB1#38	5.7	13	PASS
				RB1#74	6.03	13	PASS
				RB38#0	7.06	13	PASS
				RB38#19	6.95	13	PASS
				RB38#39	6.79	13	PASS
				RB75#0	7.27	13	PASS
			HCH	RB1#0	5.68	13	PASS
				RB1#38	5.63	13	PASS
				RB1#74	5.63	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#0	6.89	13	PASS
				RB38#19	6.76	13	PASS
				RB38#39	6.86	13	PASS
				RB75#0	7.29	13	PASS
		20	LCH	RB1#0	5.71	13	PASS
				RB1#50	5.99	13	PASS
				RB1#99	5.85	13	PASS
				RB50#0	6.81	13	PASS
				RB50#25	6.9	13	PASS
				RB50#50	6.99	13	PASS
				RB100#0	7.39	13	PASS
			MCH	RB1#0	5.95	13	PASS
				RB1#50	5.72	13	PASS
				RB1#99	5.75	13	PASS
				RB50#0	6.87	13	PASS
				RB50#25	6.96	13	PASS
				RB50#50	6.84	13	PASS
				RB100#0	7.17	13	PASS
			HCH	RB1#0	5.92	13	PASS
				RB1#50	5.96	13	PASS
				RB1#99	5.62	13	PASS
				RB50#0	6.84	13	PASS
				RB50#25	6.82	13	PASS
				RB50#50	6.9	13	PASS
				RB100#0	7.03	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

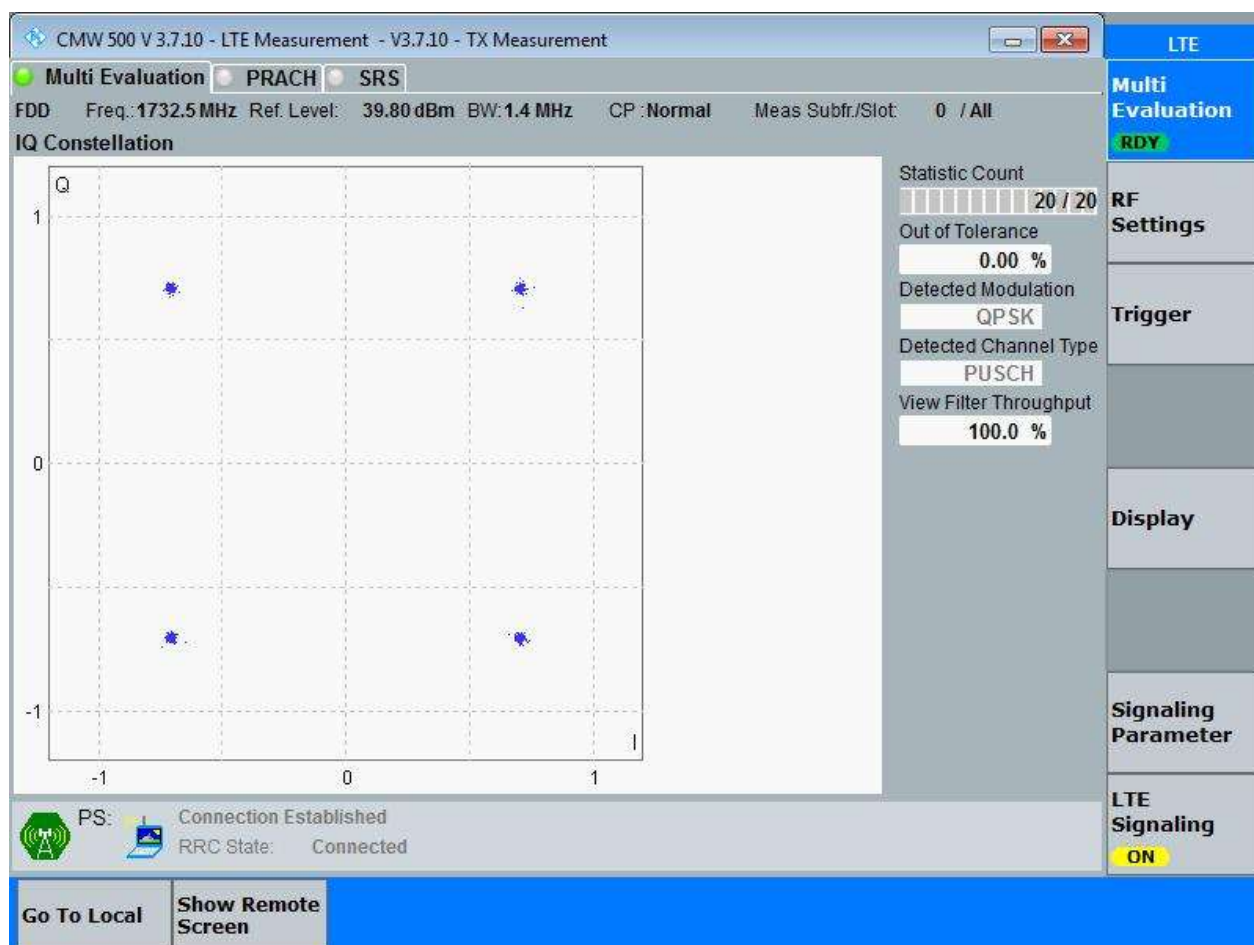
3.1.1 Test Band = BAND4

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

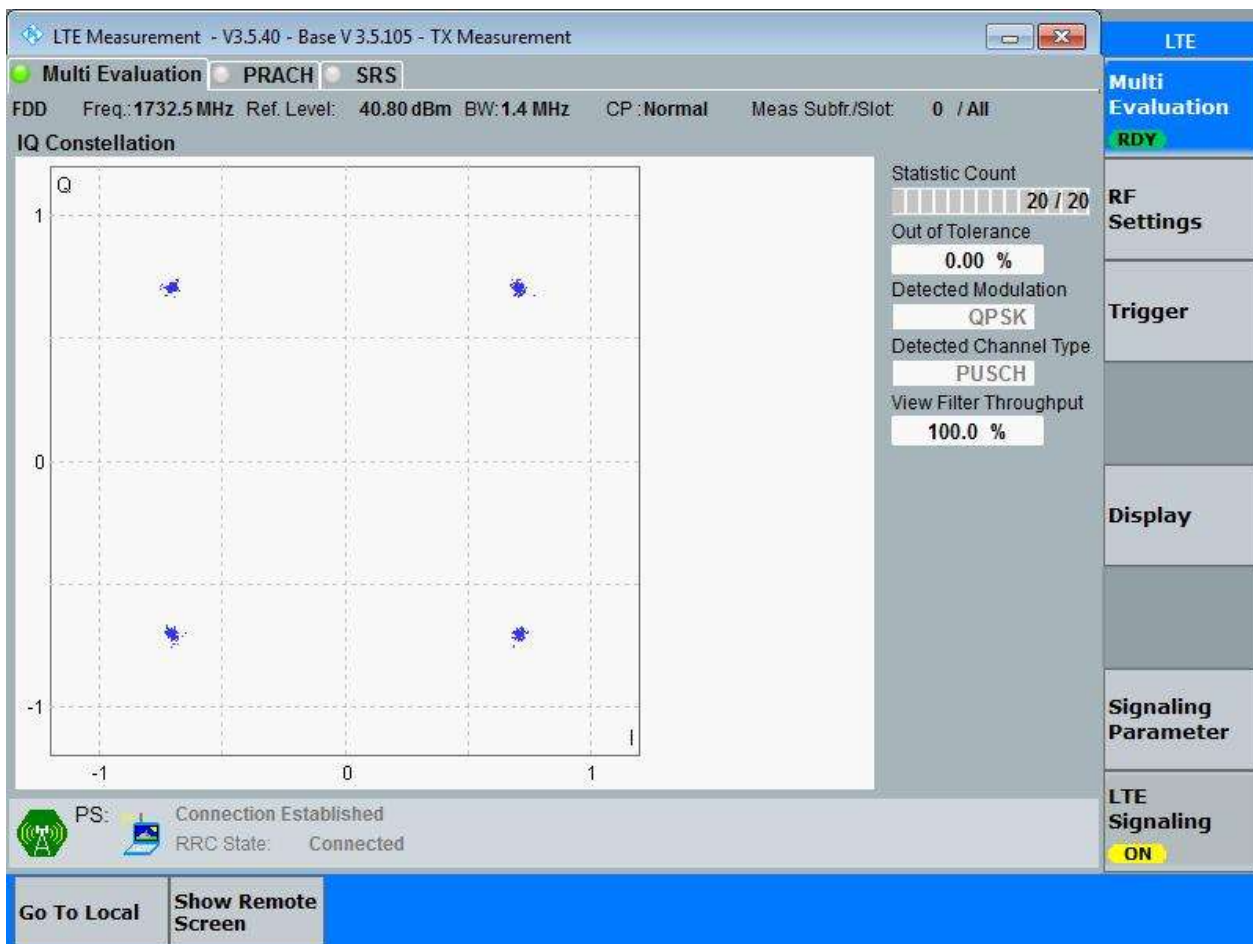
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

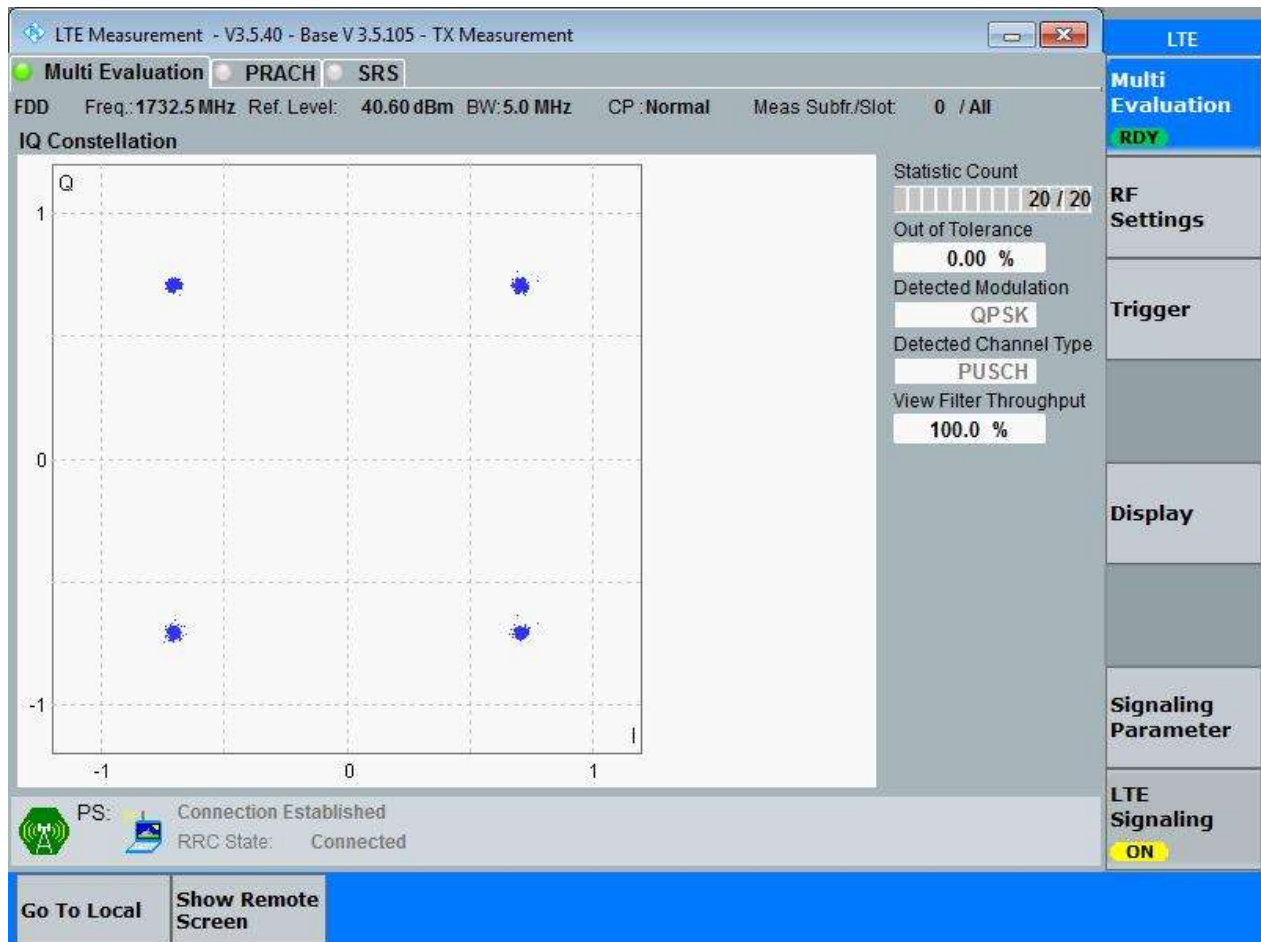
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

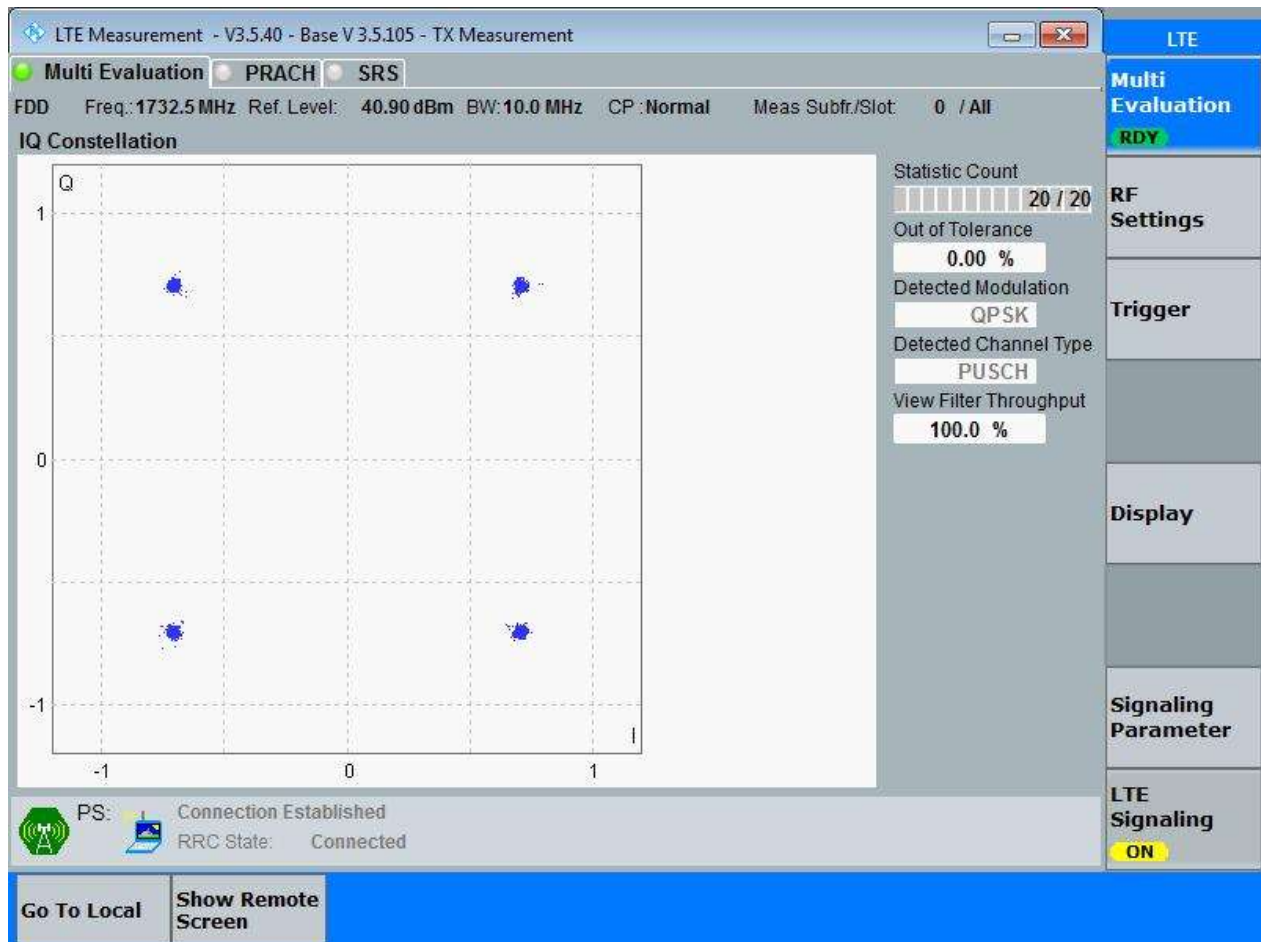
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

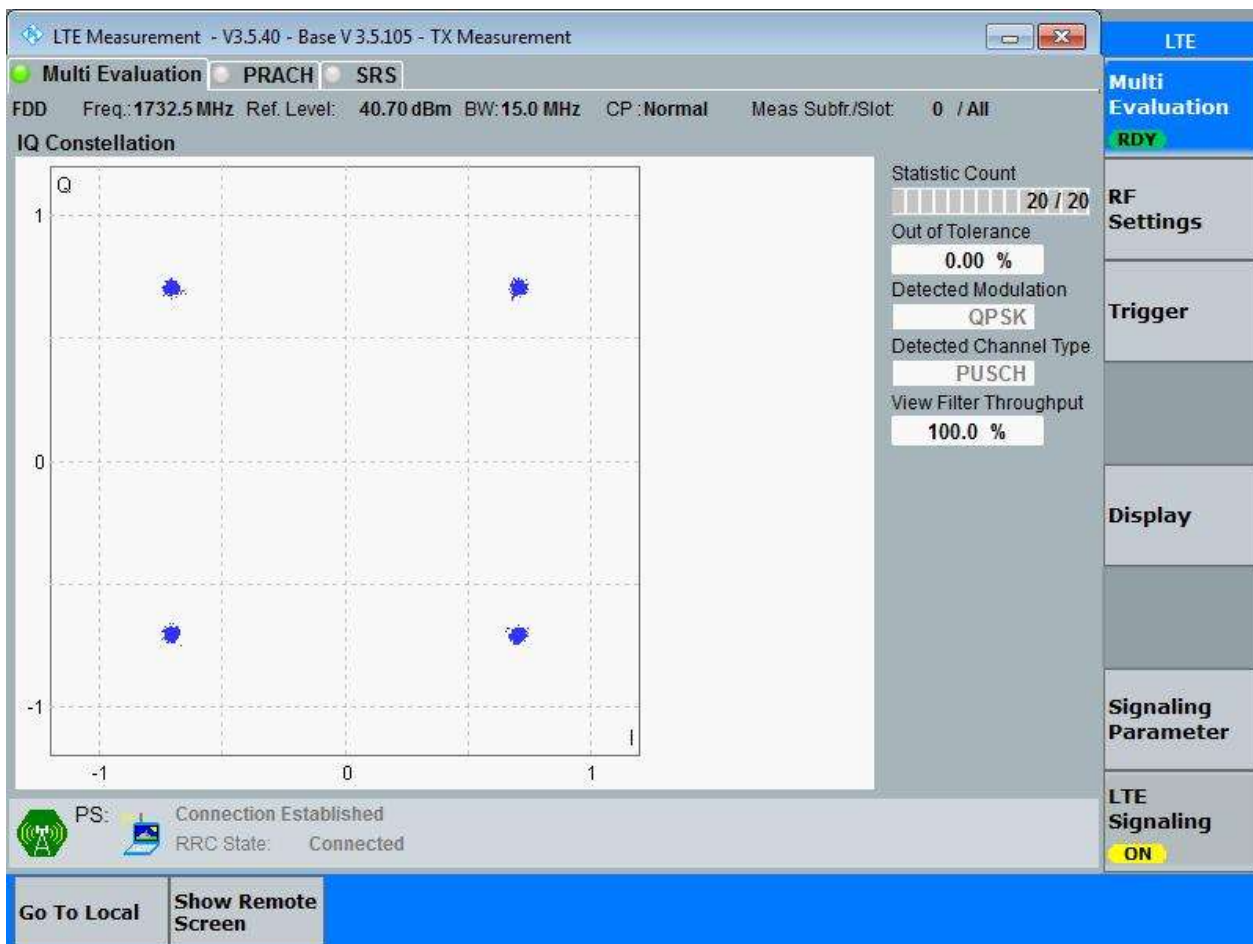
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

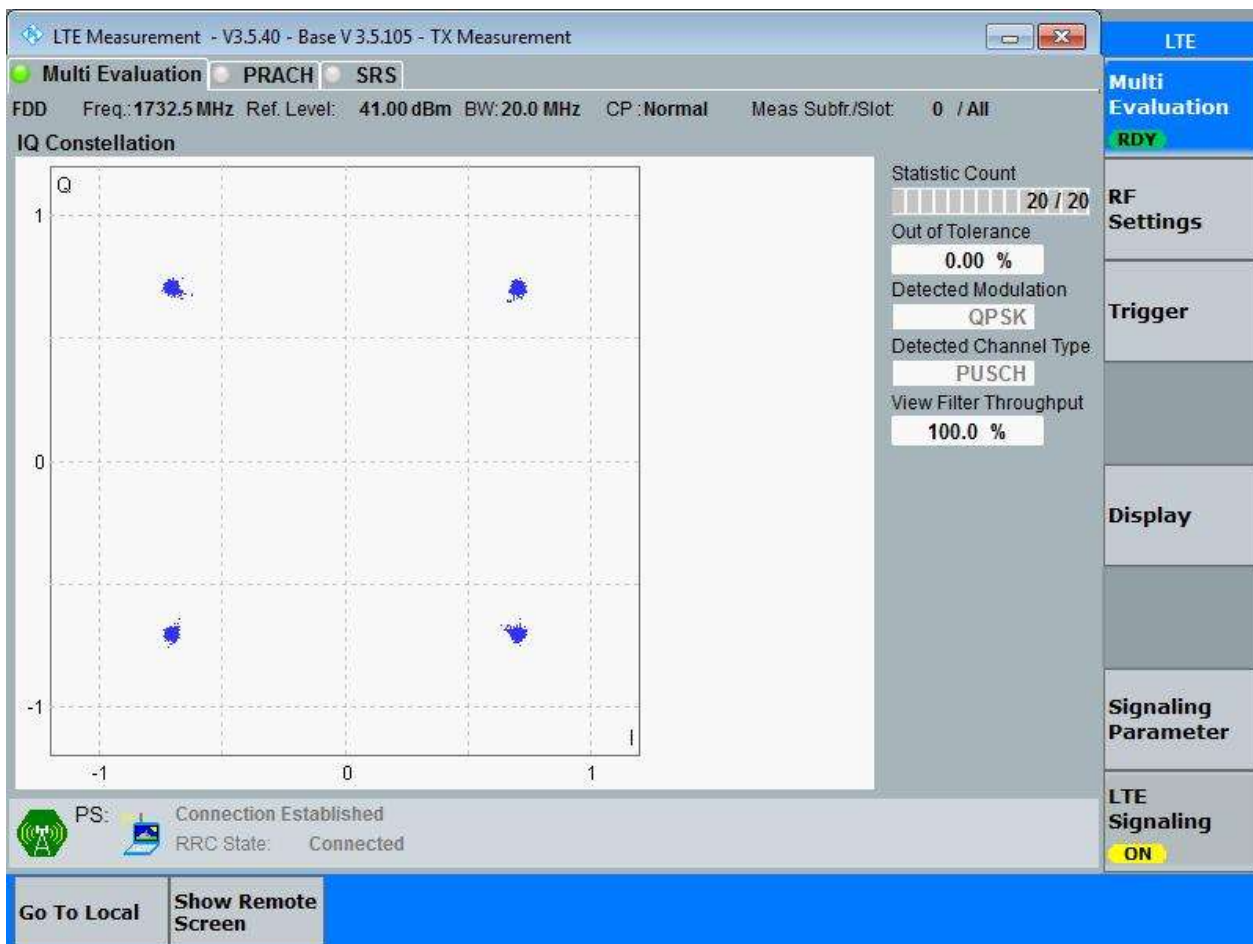
3.1.1.1.5.1.1 Test RB = RB75#0



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

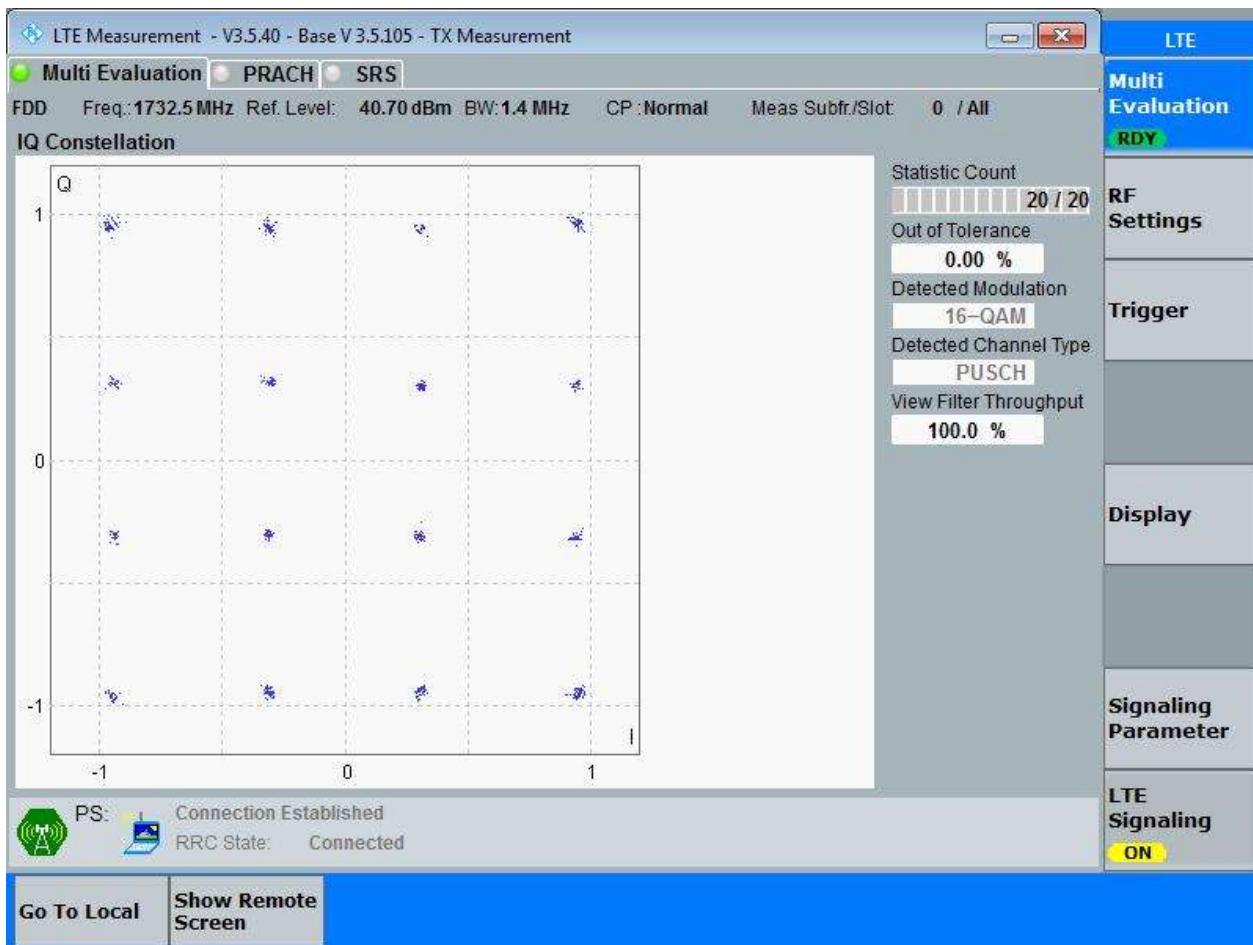


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

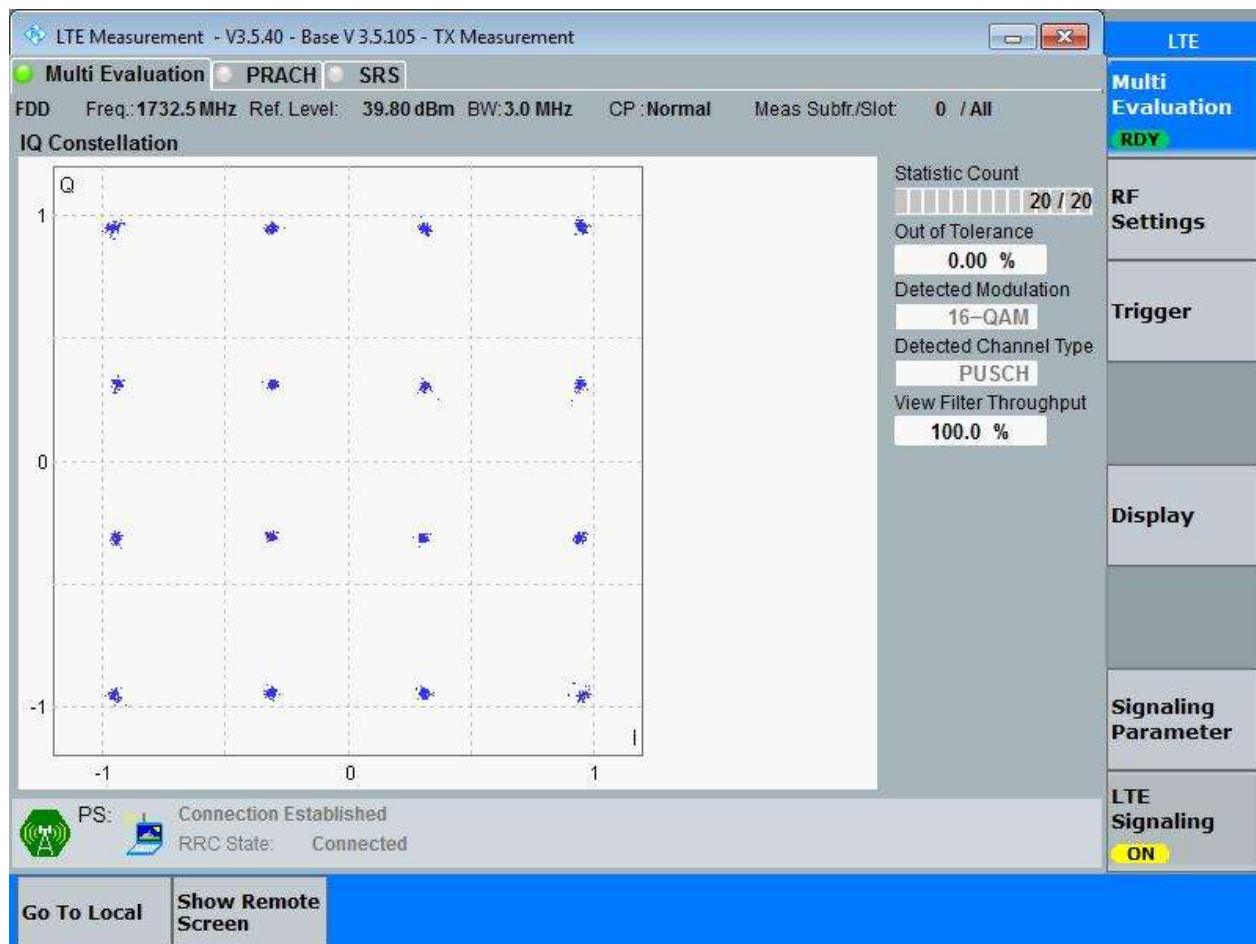
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

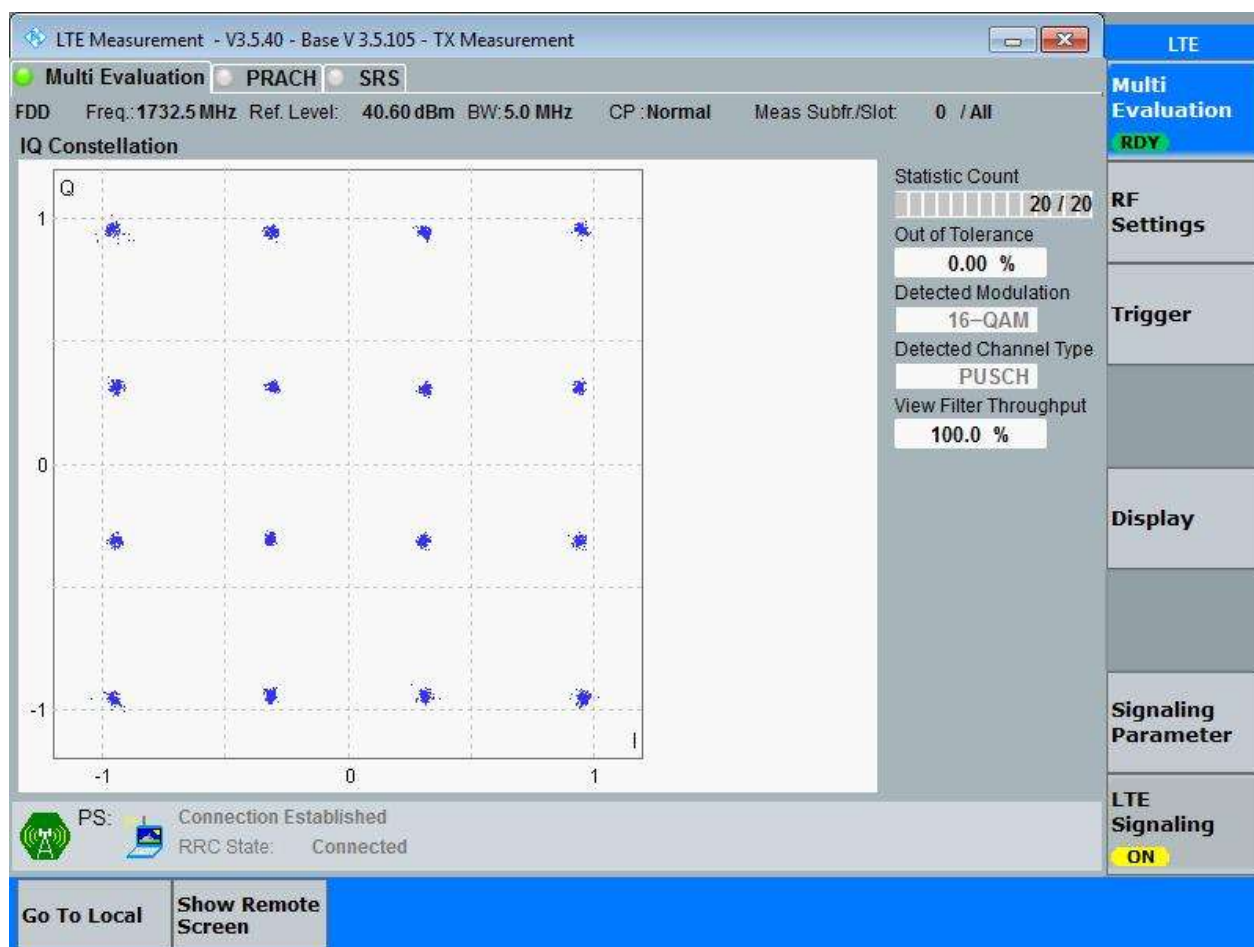
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

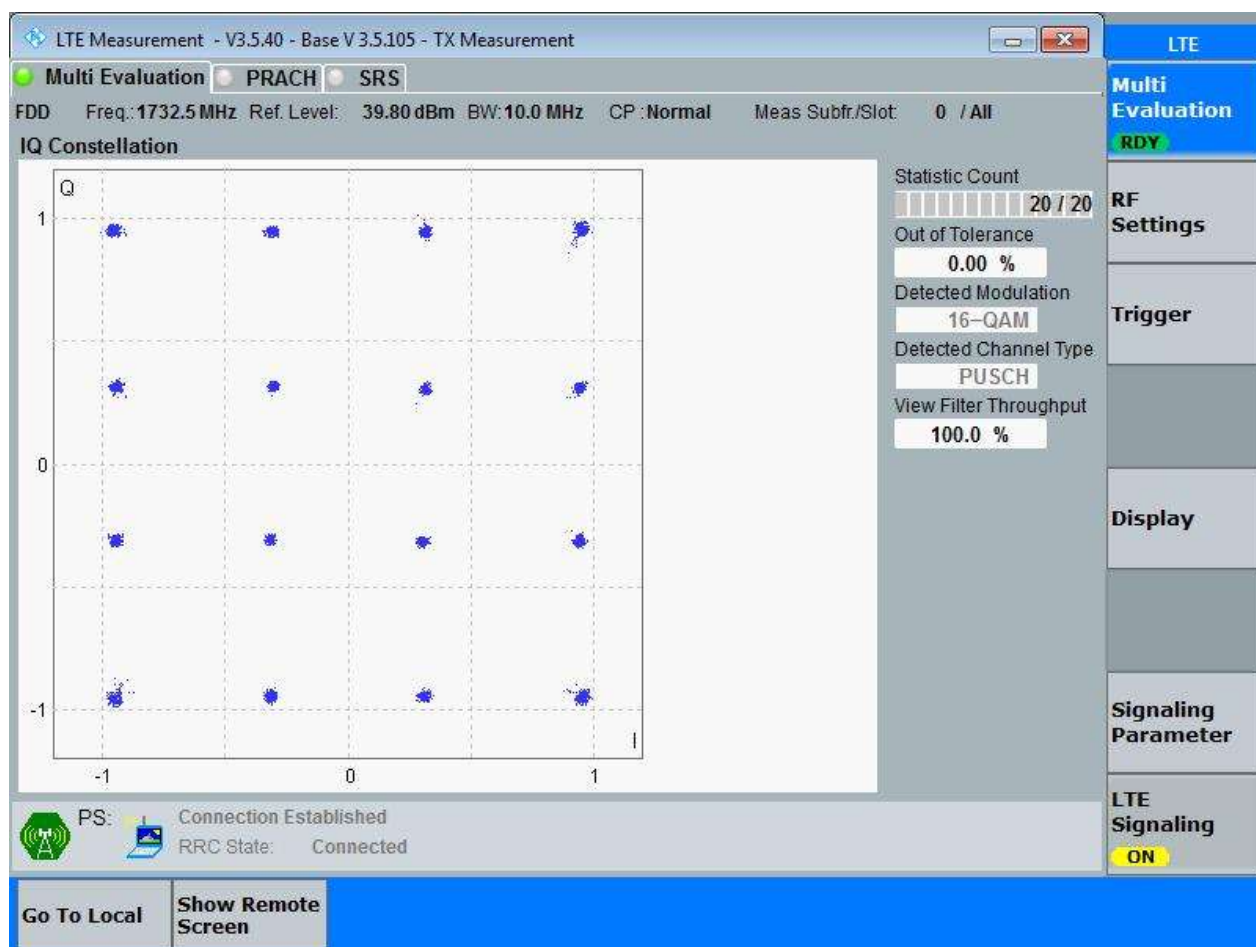
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

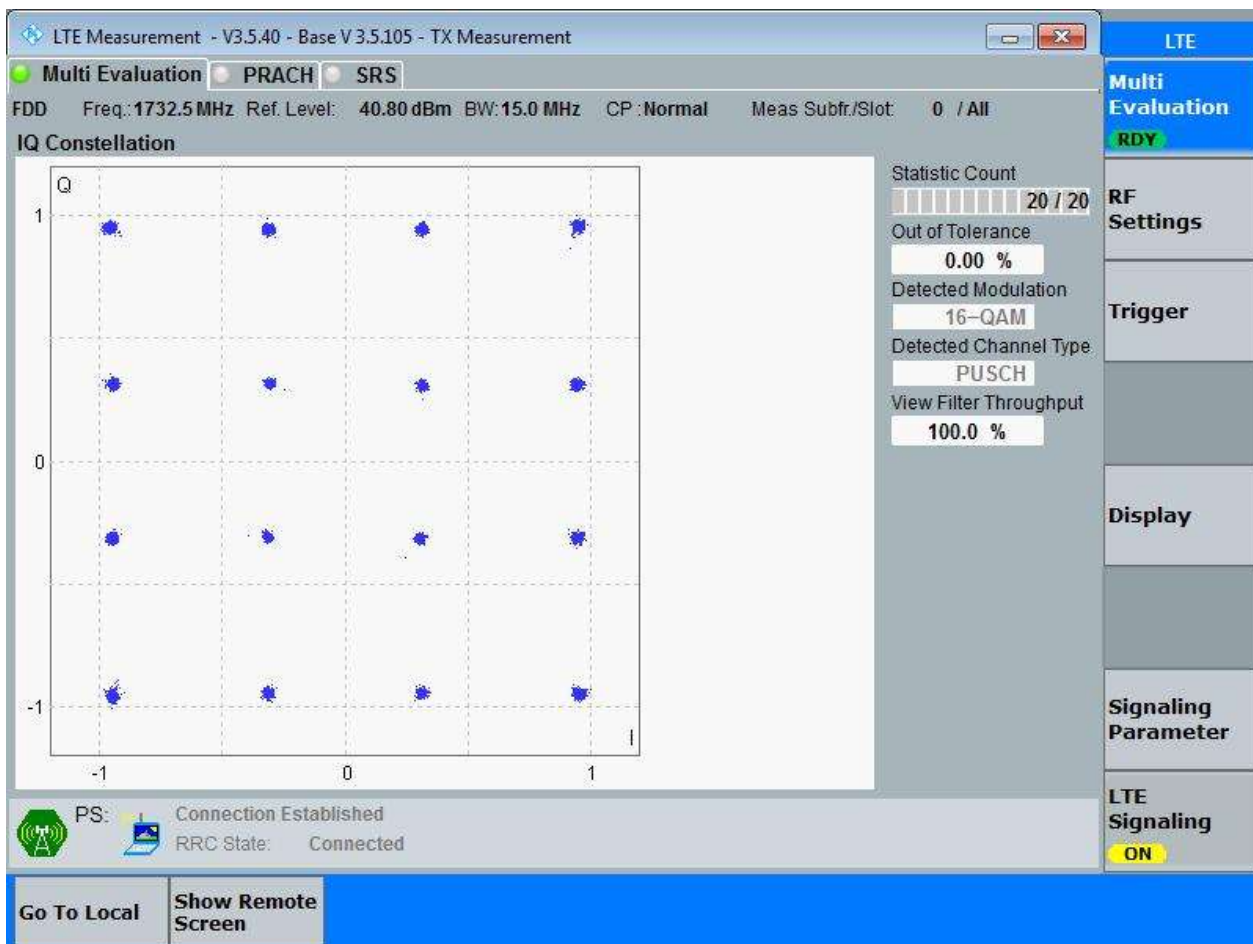
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

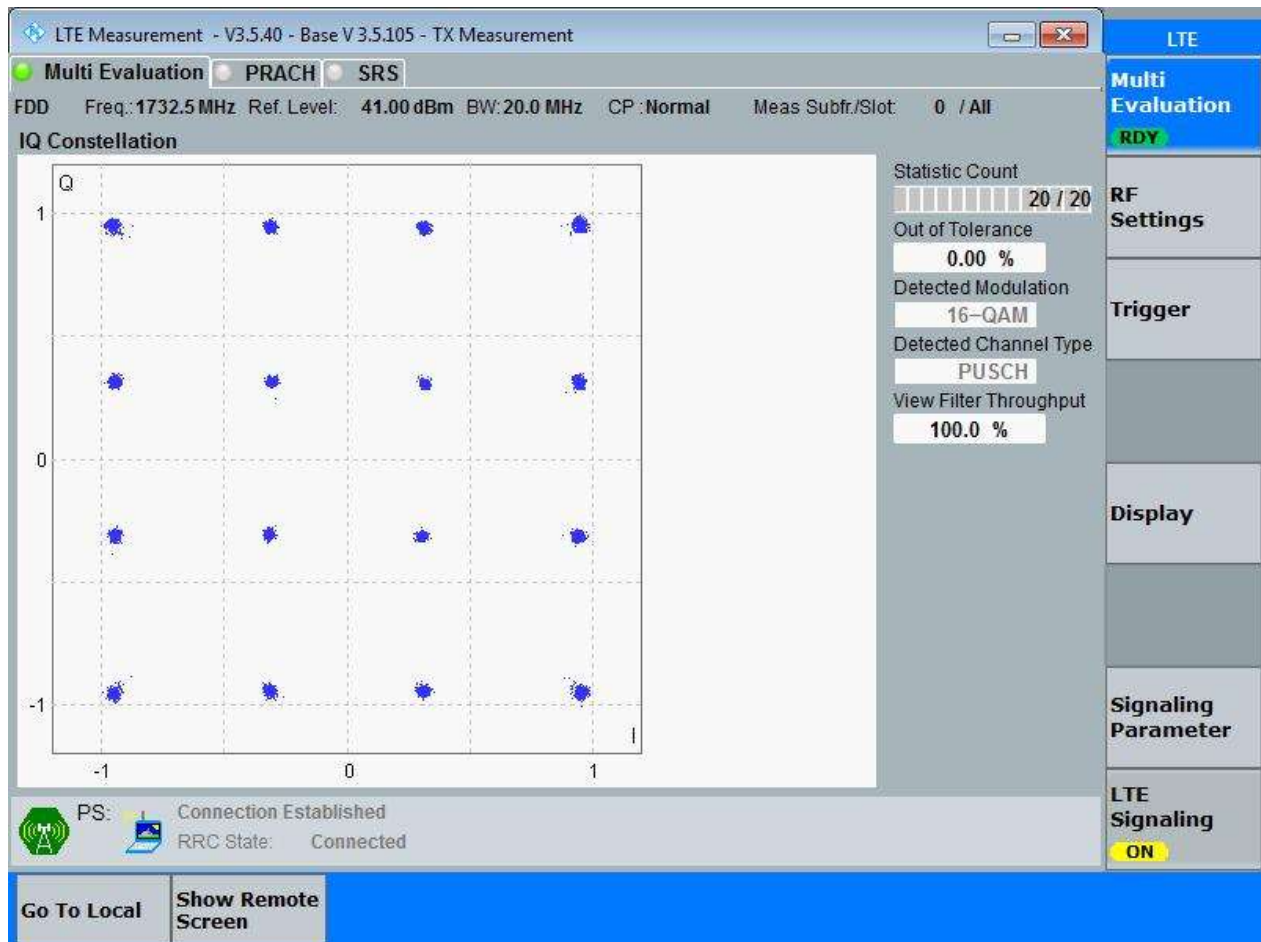
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.23	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	2.71	2.98	Pass
		5	LCH	RB25#0	4.53	4.97	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	9.01	9.90	Pass
			MCH	RB50#0	8.99	9.88	Pass
			HCH	RB50#0	8.99	9.92	Pass
		15	LCH	RB75#0	13.54	15.03	Pass
			MCH	RB75#0	13.52	15.13	Pass
			HCH	RB75#0	13.54	14.99	Pass
		20	LCH	RB100#0	18.04	19.82	Pass
			MCH	RB100#0	18.05	19.86	Pass
			HCH	RB100#0	18.03	19.88	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.71	3.01	Pass
			HCH	RB15#0	2.72	2.98	Pass
		5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	9.02	9.94	Pass
			MCH	RB50#0	9.00	9.92	Pass
			HCH	RB50#0	9.00	9.90	Pass
		15	LCH	RB75#0	13.56	15.05	Pass
			MCH	RB75#0	13.57	14.98	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	HCH	RB75#0	13.50	14.96	Pass
			LCH	RB100#0	18.08	19.94	Pass
			MCH	RB100#0	18.03	19.85	Pass
			HCH	RB100#0	18.00	19.86	Pass



Part II - Test Plots

4.1 For LTE

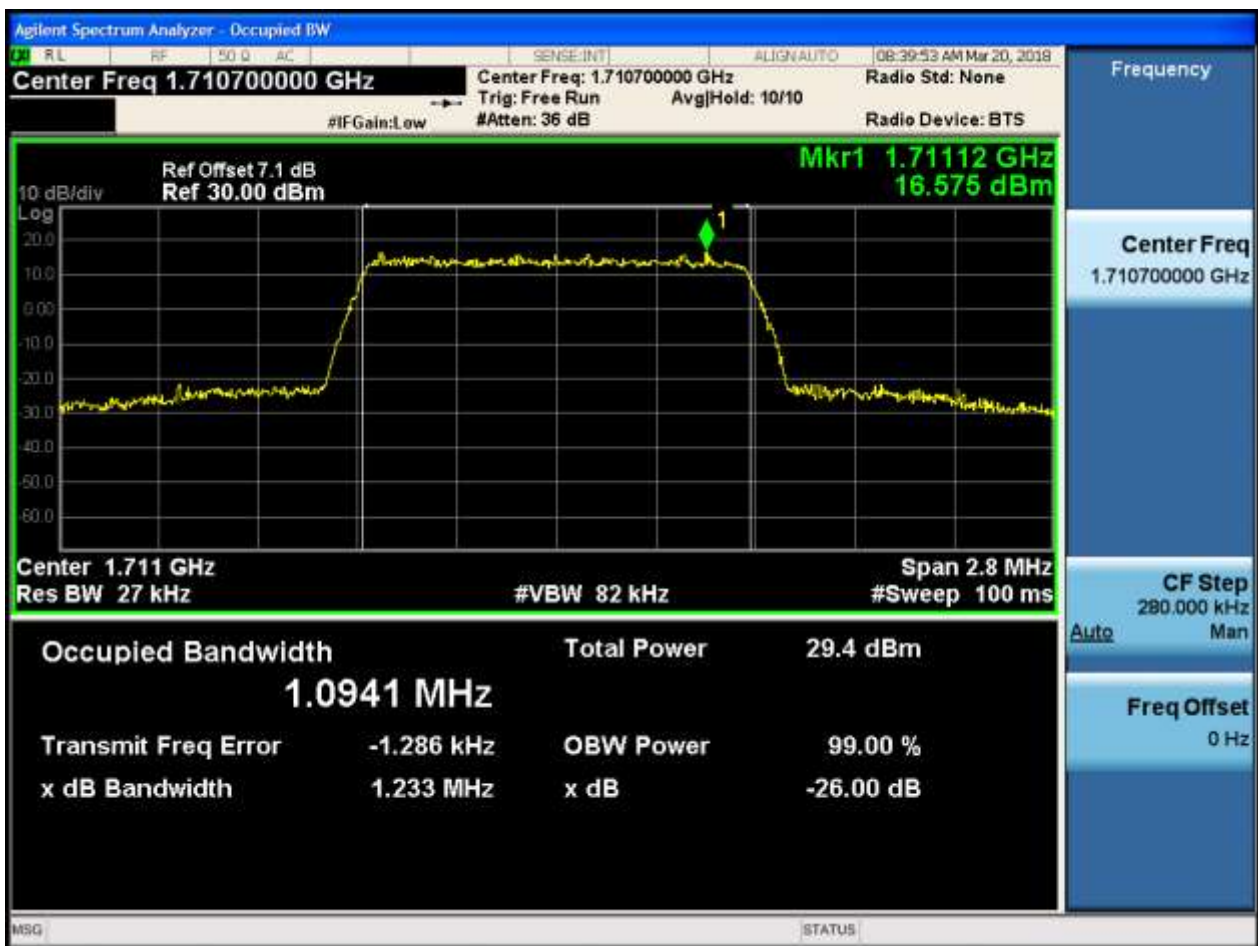
4.1.1 Test Band = BAND4

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

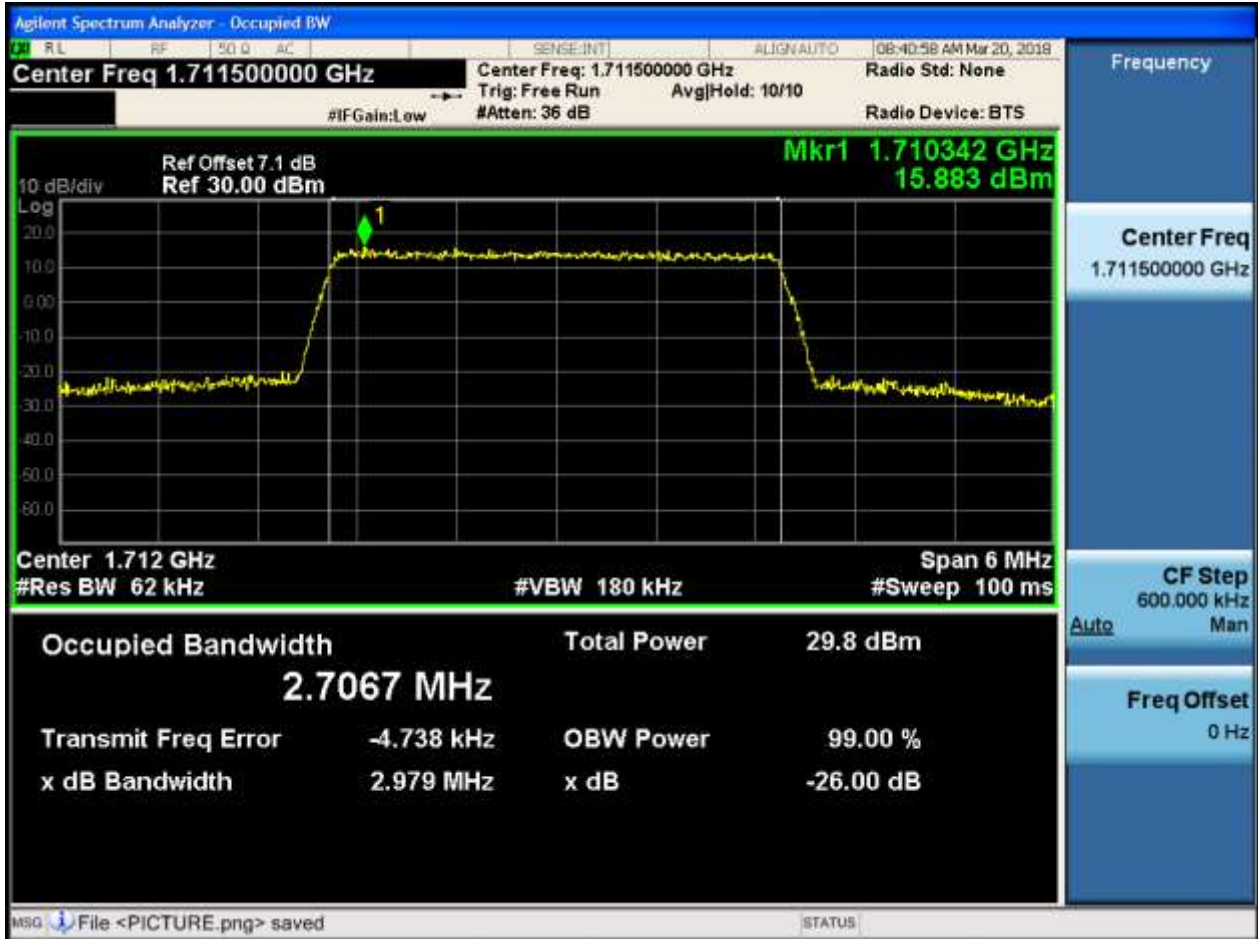




4.1.1.1.2 Test Bandwidth = 3

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



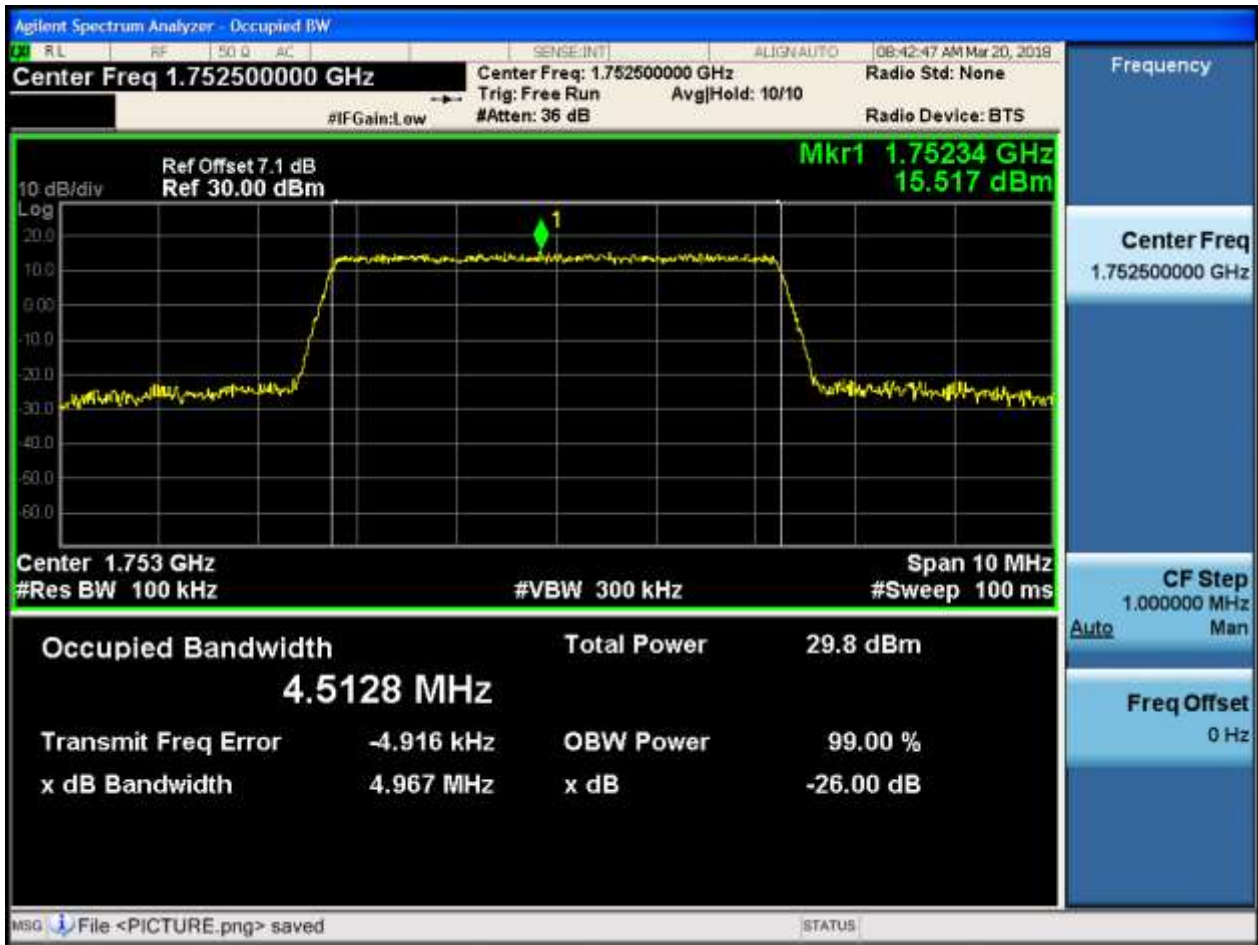
4.1.1.1.3.2 Test Channel = MCH

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

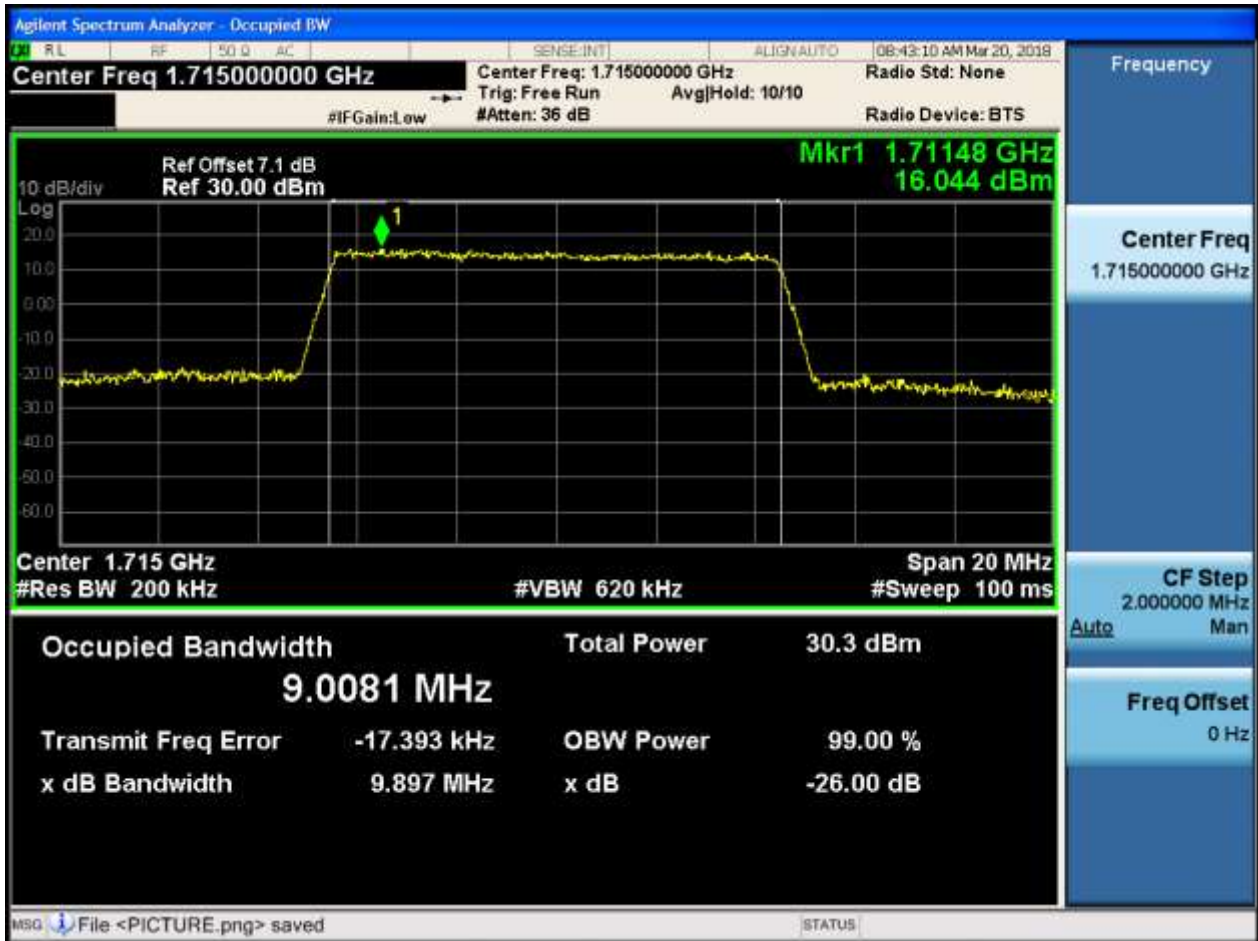




4.1.1.1.4 Test Bandwidth = 10

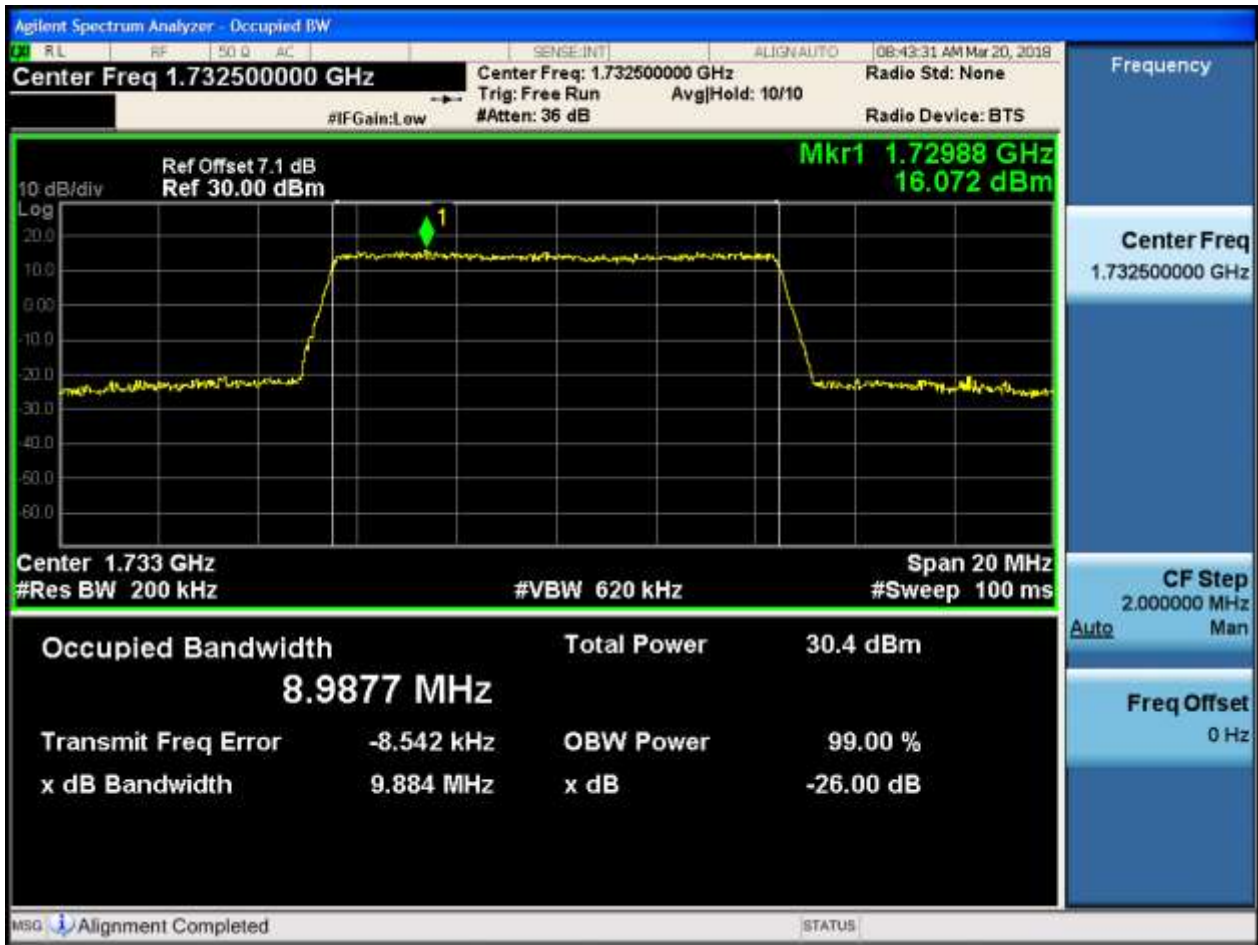
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



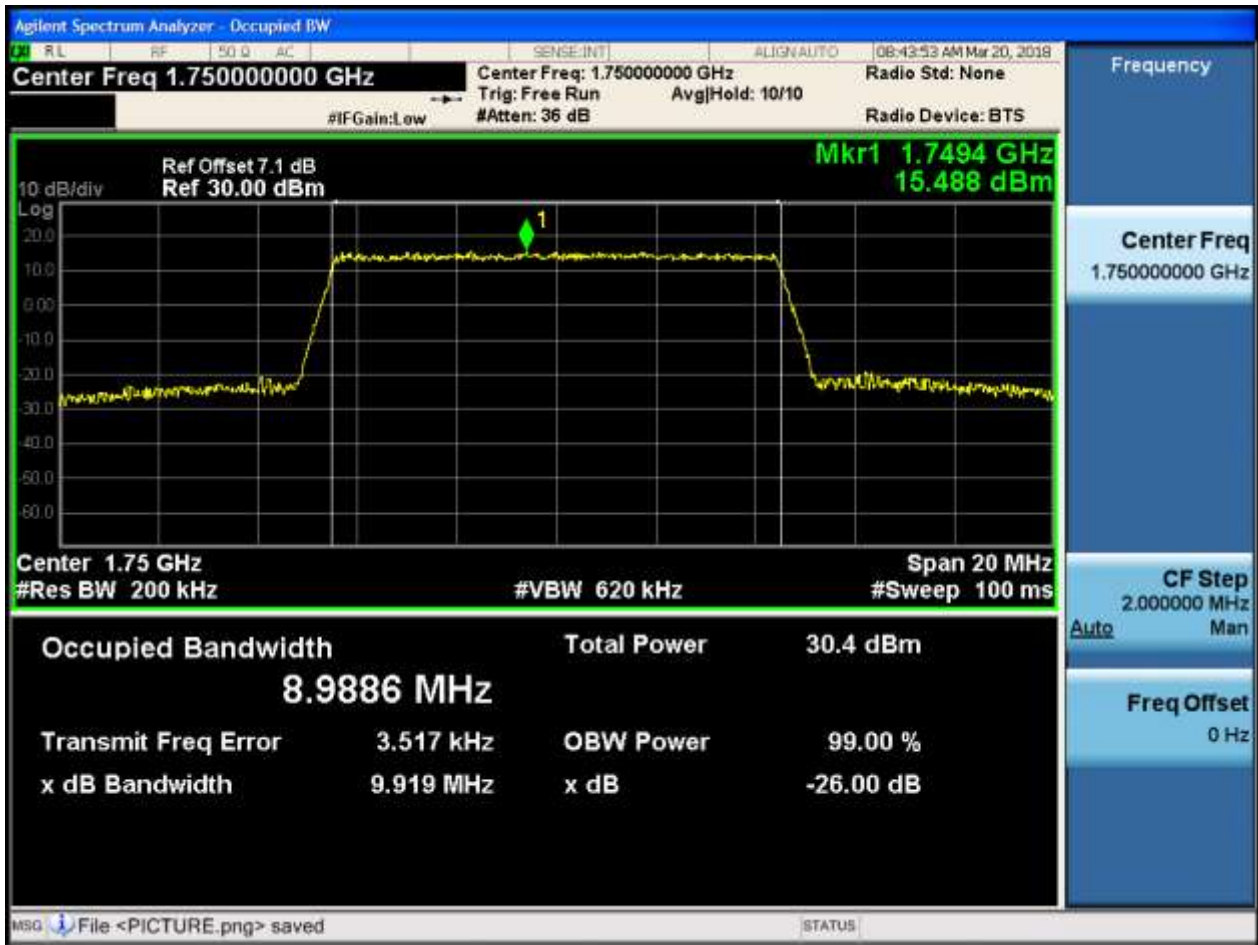
4.1.1.1.4.2 Test Channel = MCH

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

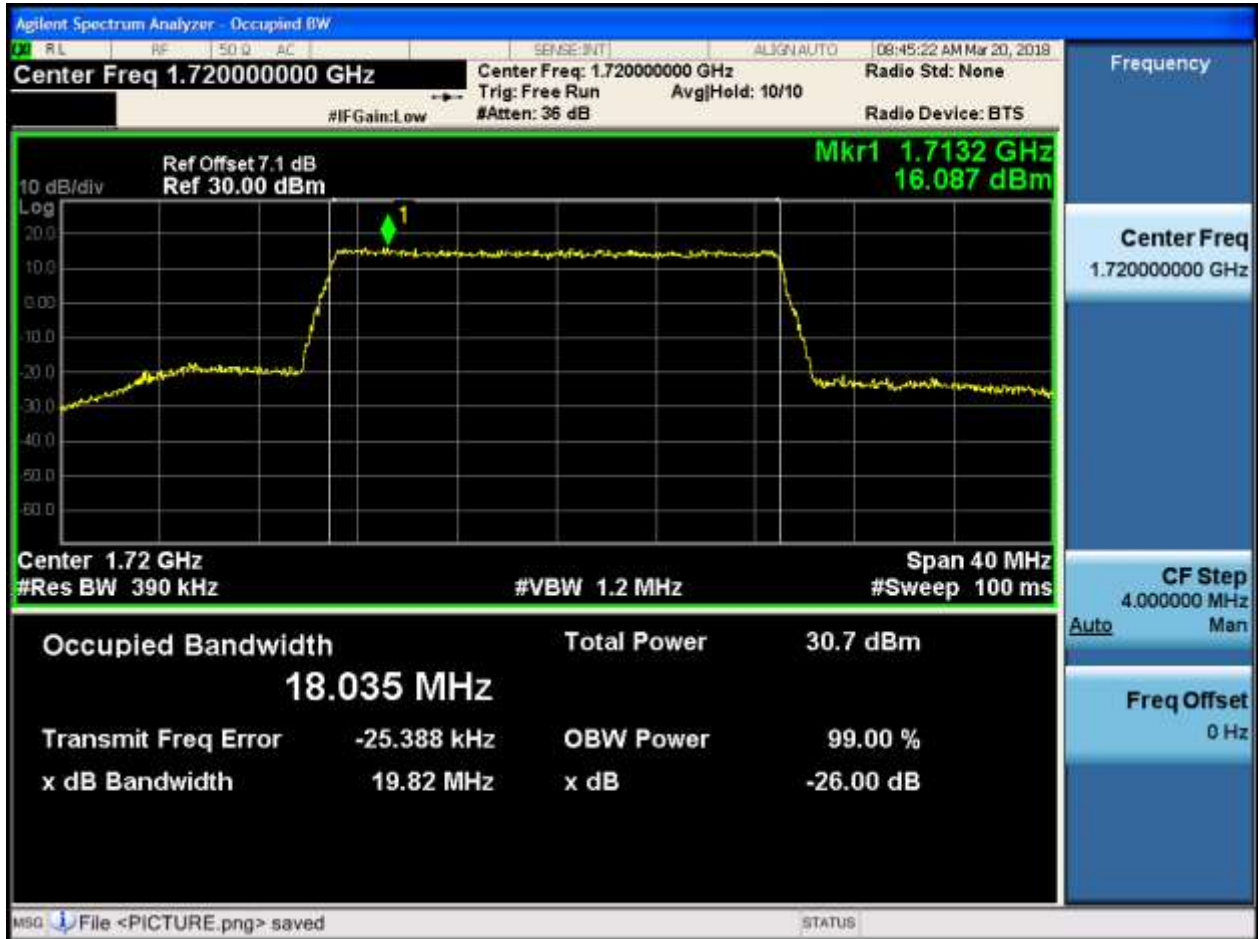




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

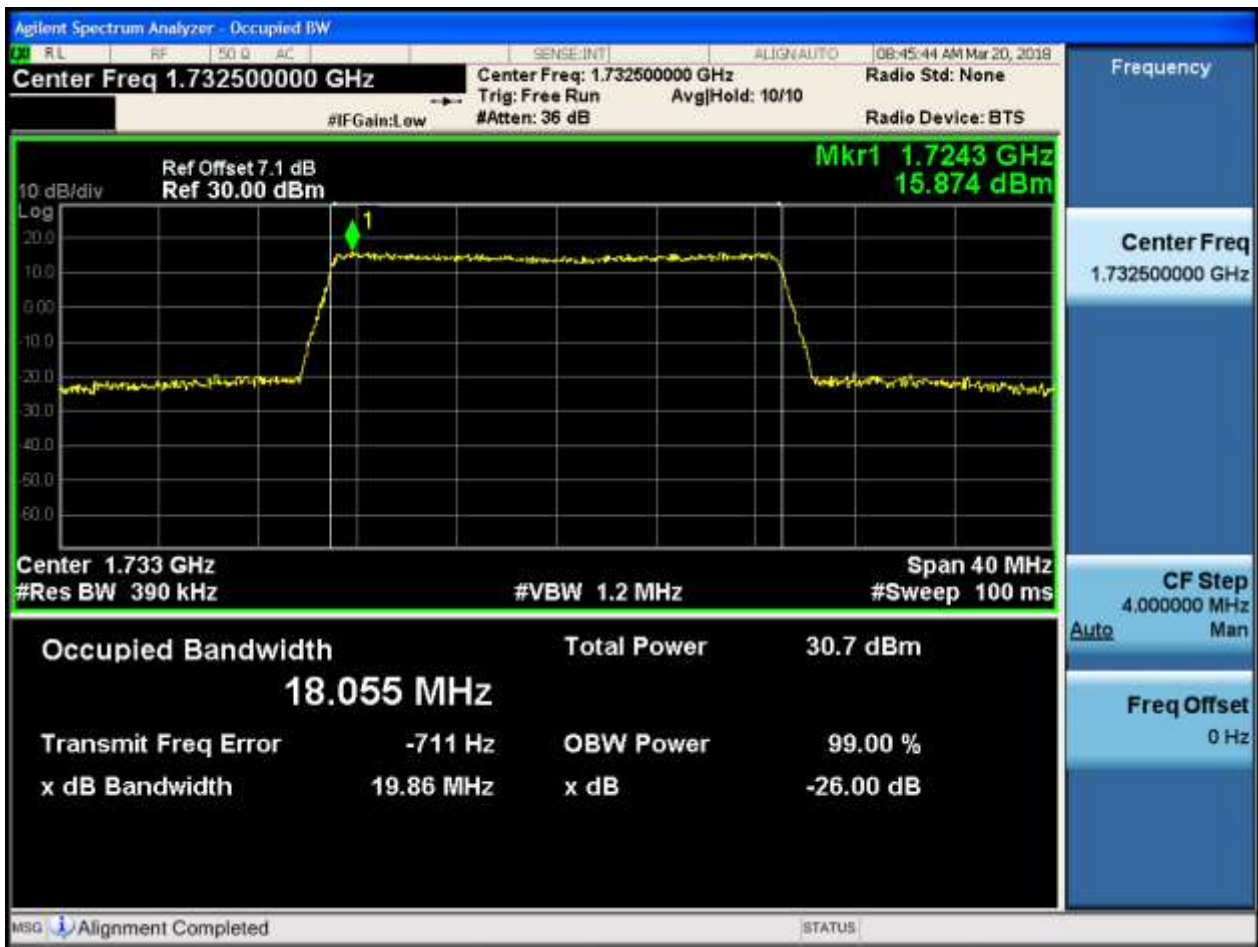
4.1.1.1.6.1.1 Test RB = RB100#0





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



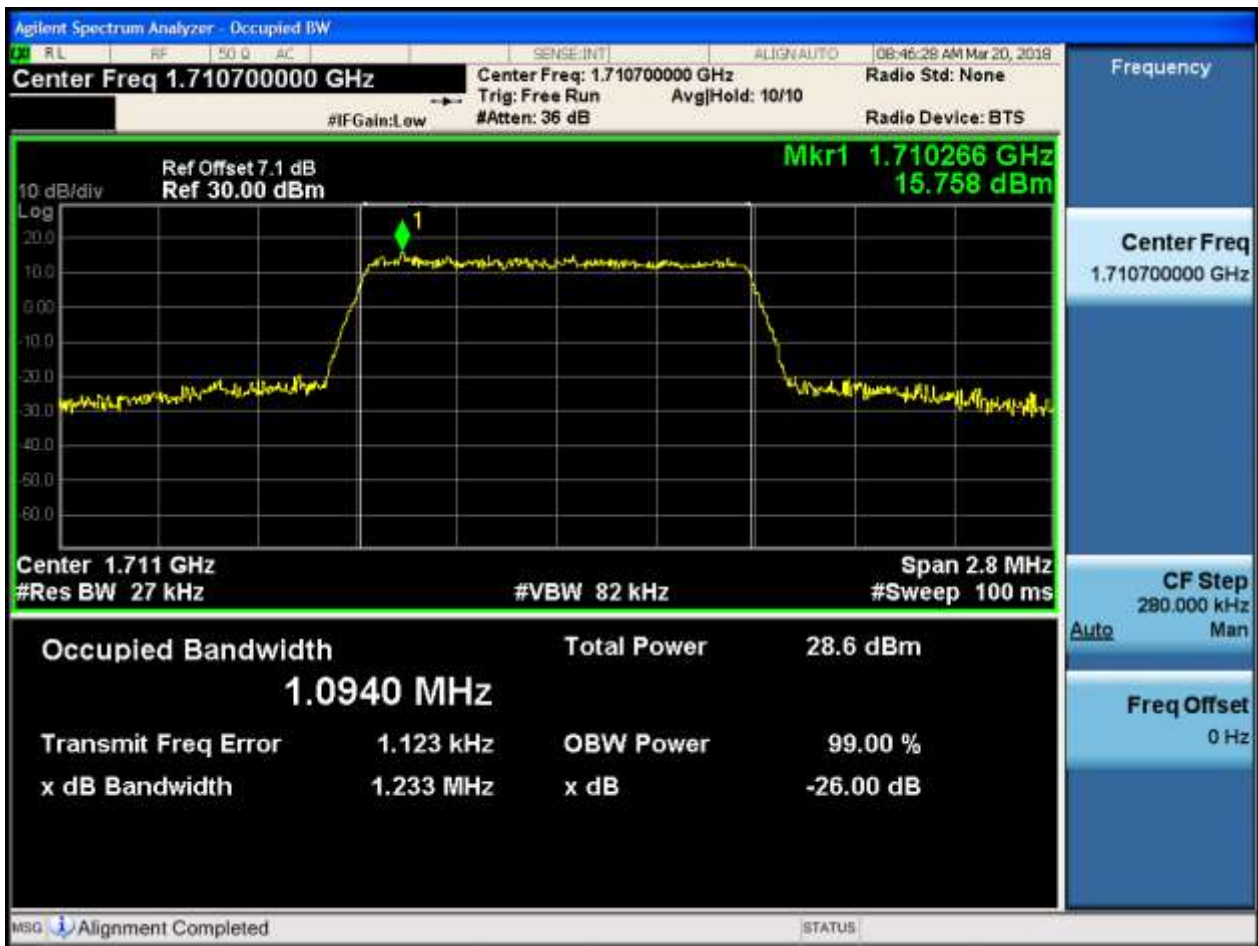


4.1.1.2 Test Mode = LTE/TM2

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

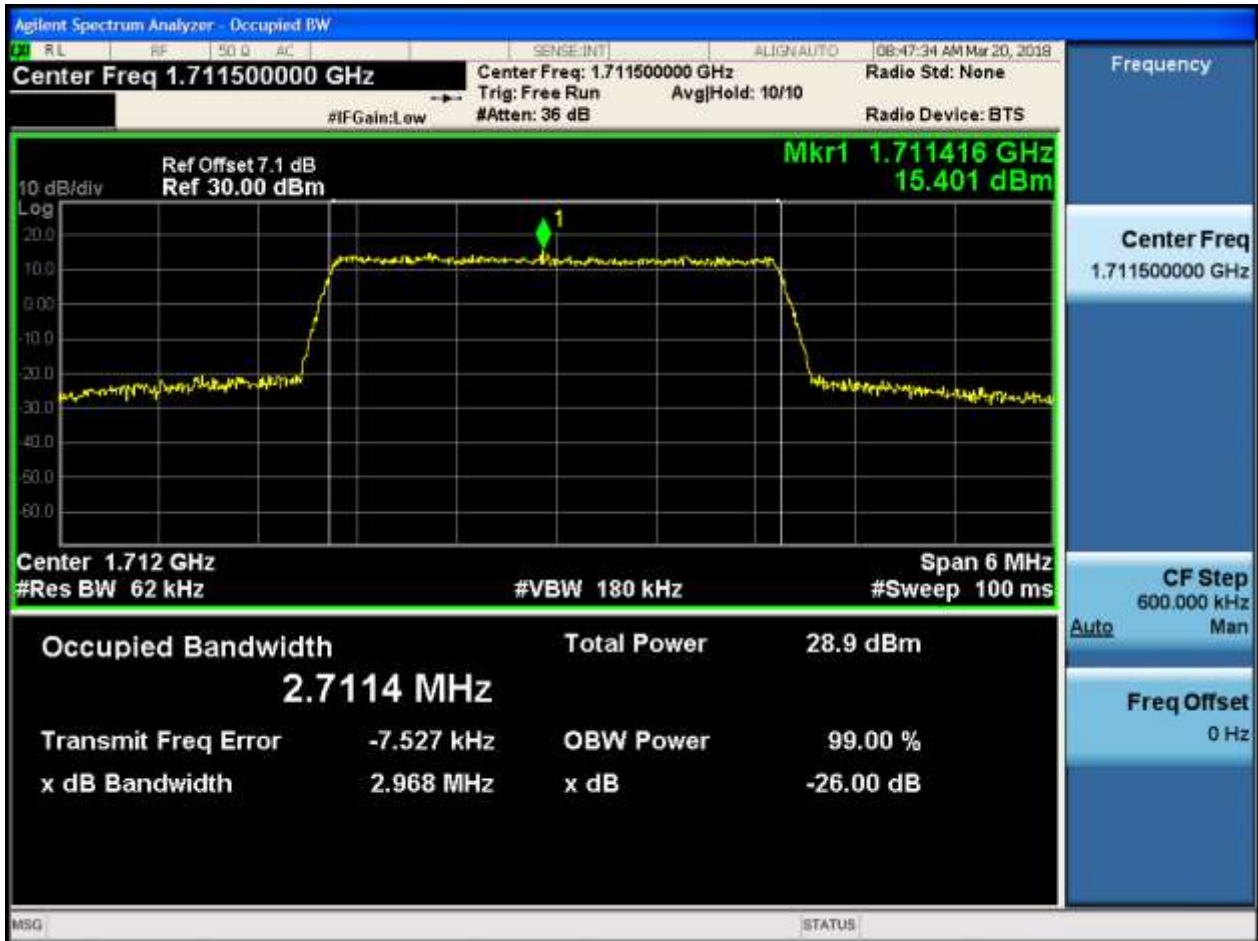




4.1.1.2.2 Test Bandwidth = 3

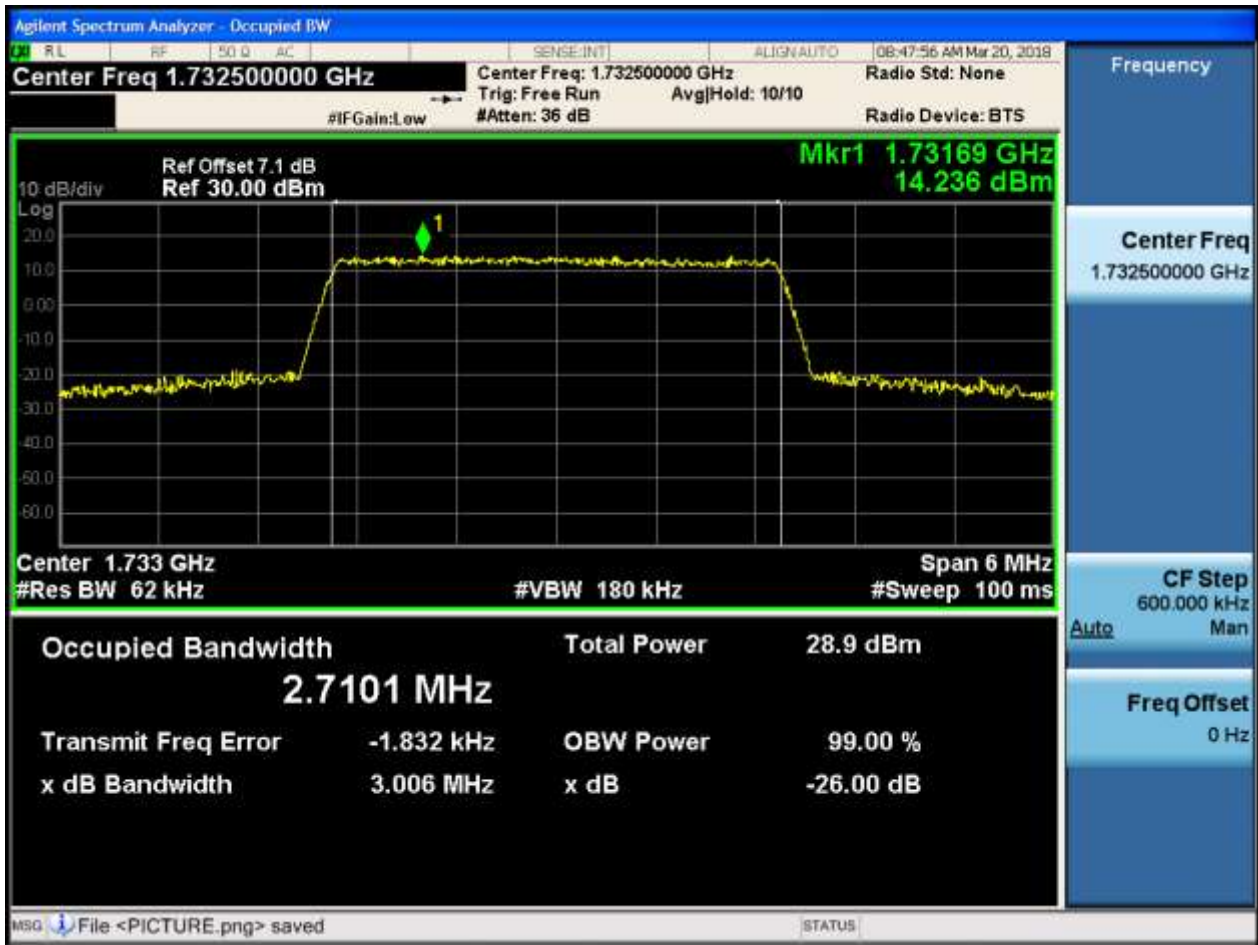
4.1.1.2.2.1 Test Channel = LCH

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

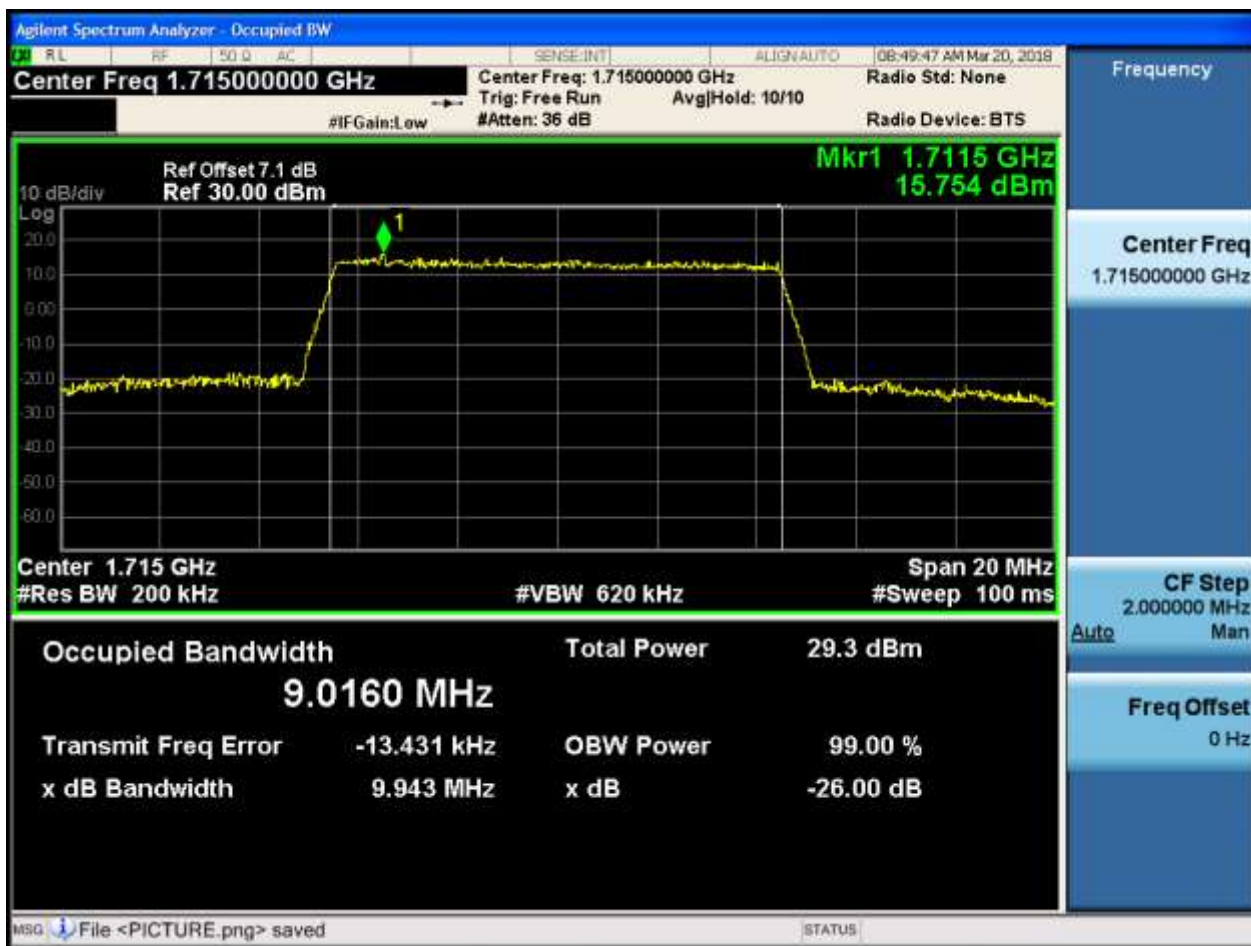
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

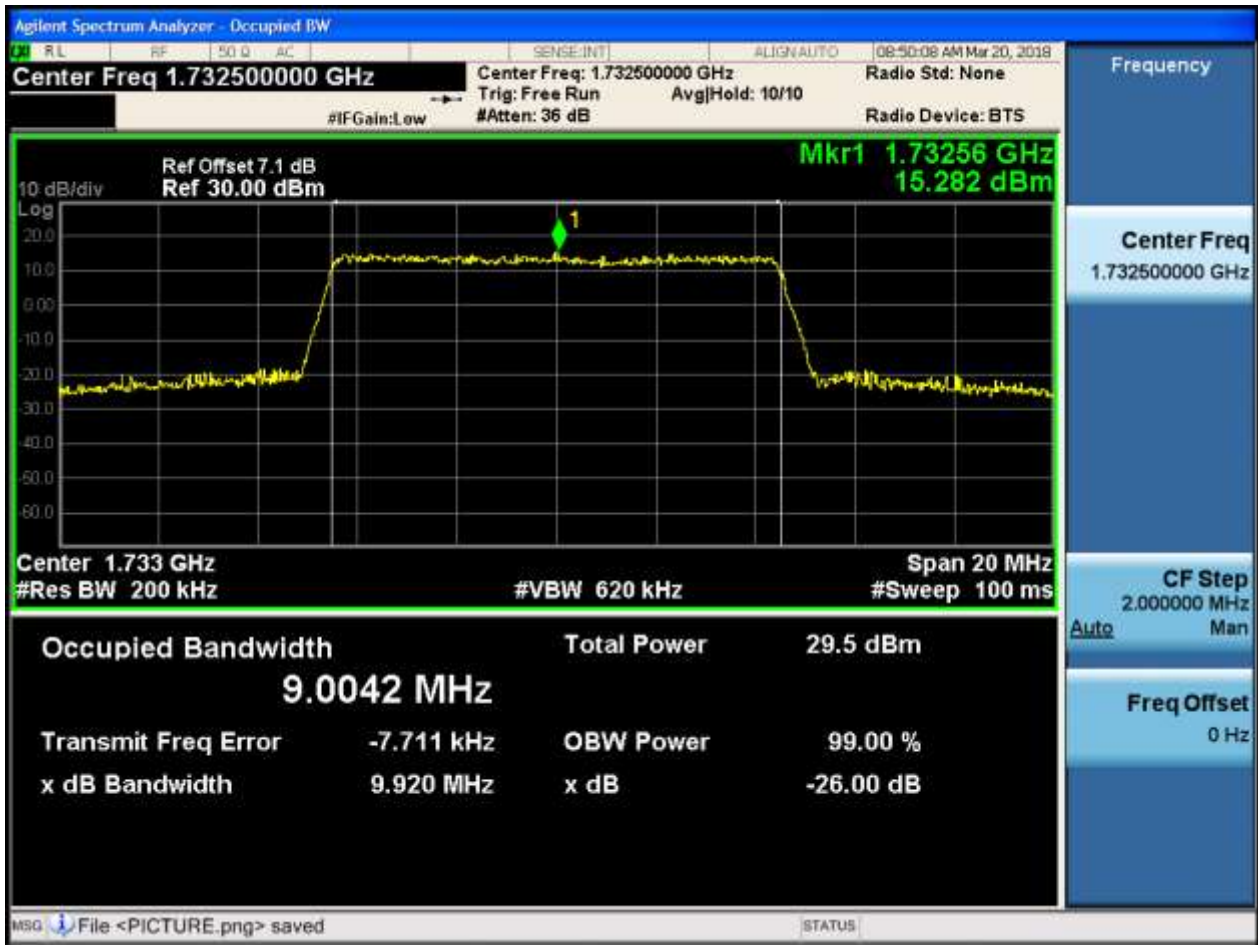
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



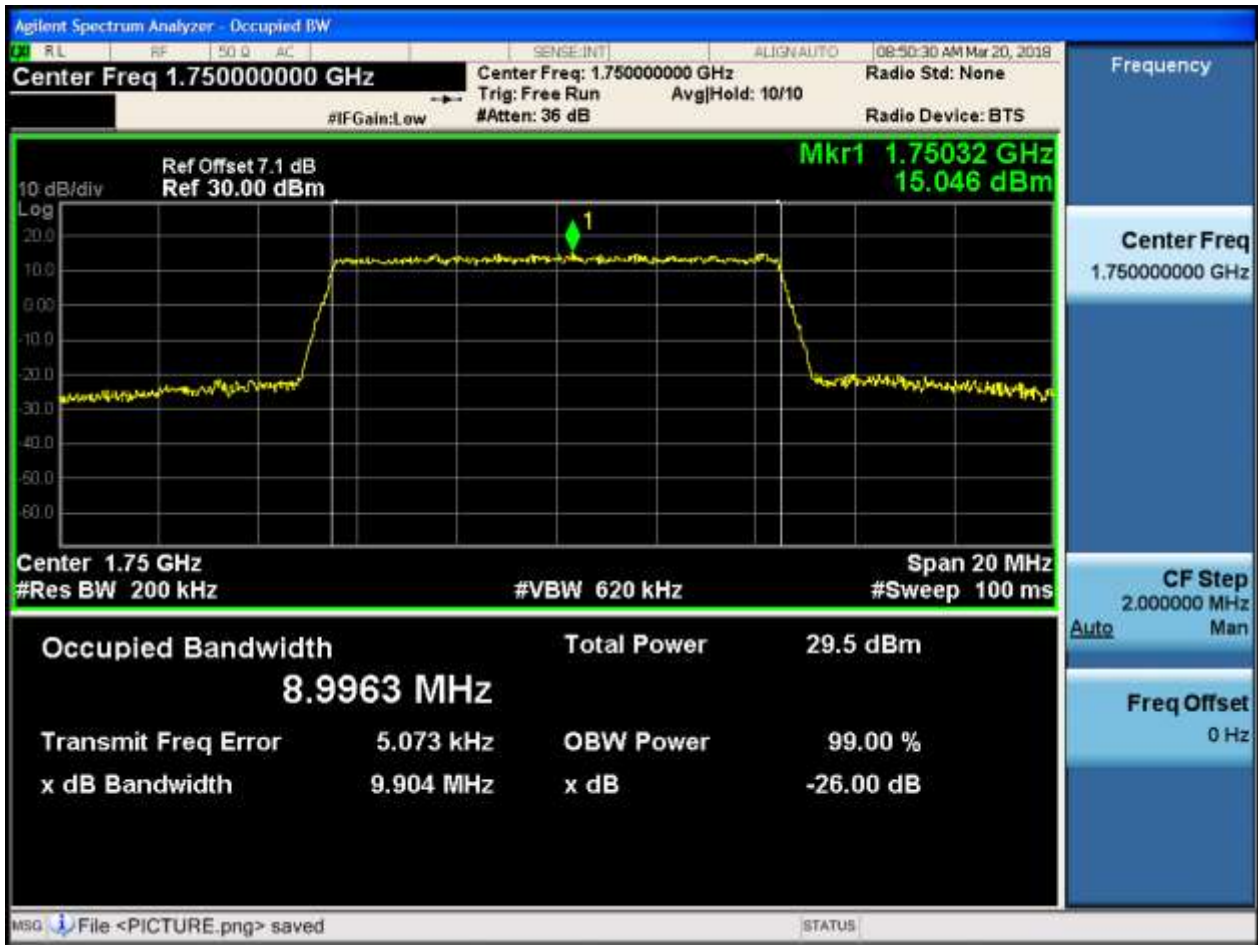
4.1.1.2.4.2 Test Channel = MCH

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

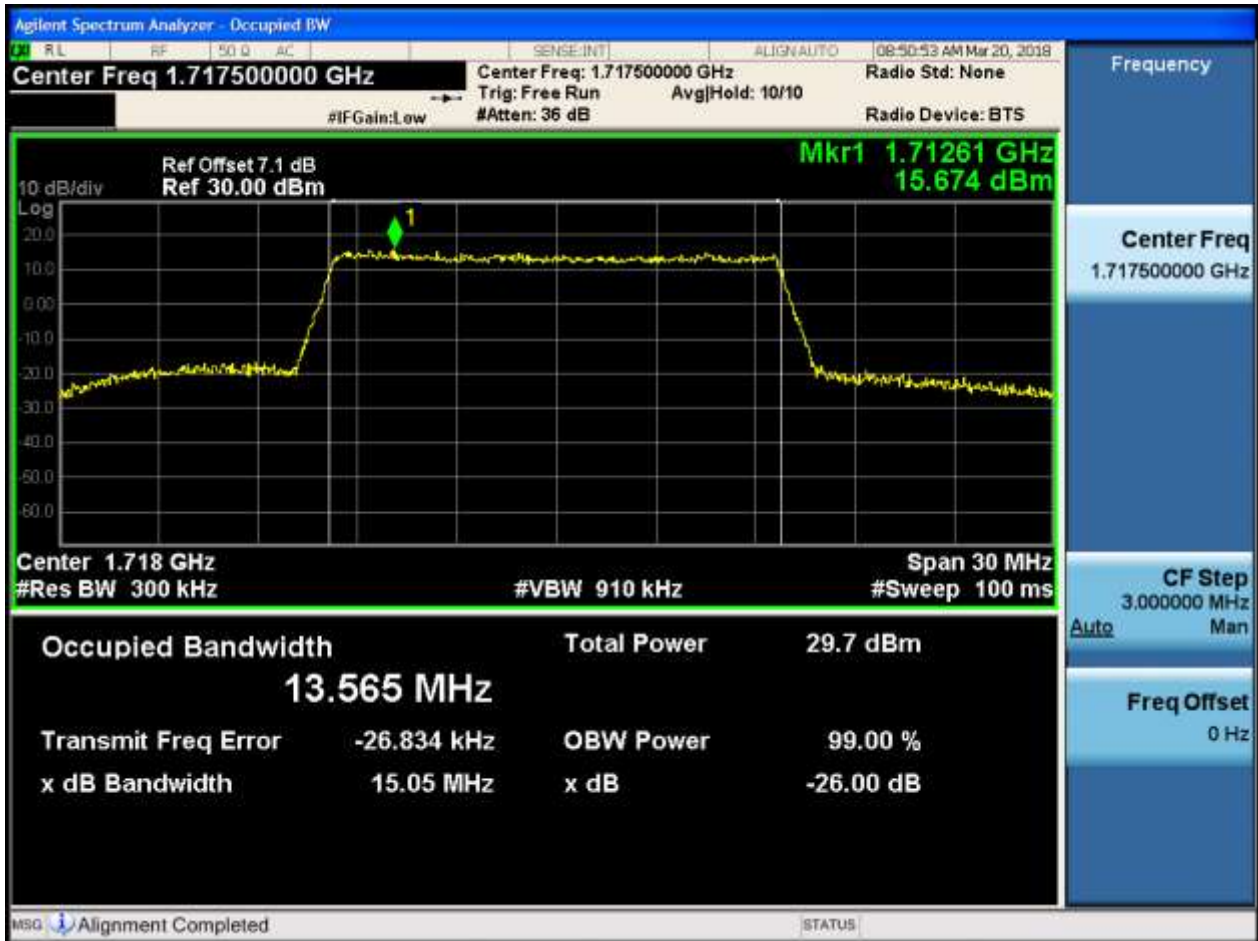




4.1.1.2.5 Test Bandwidth = 15

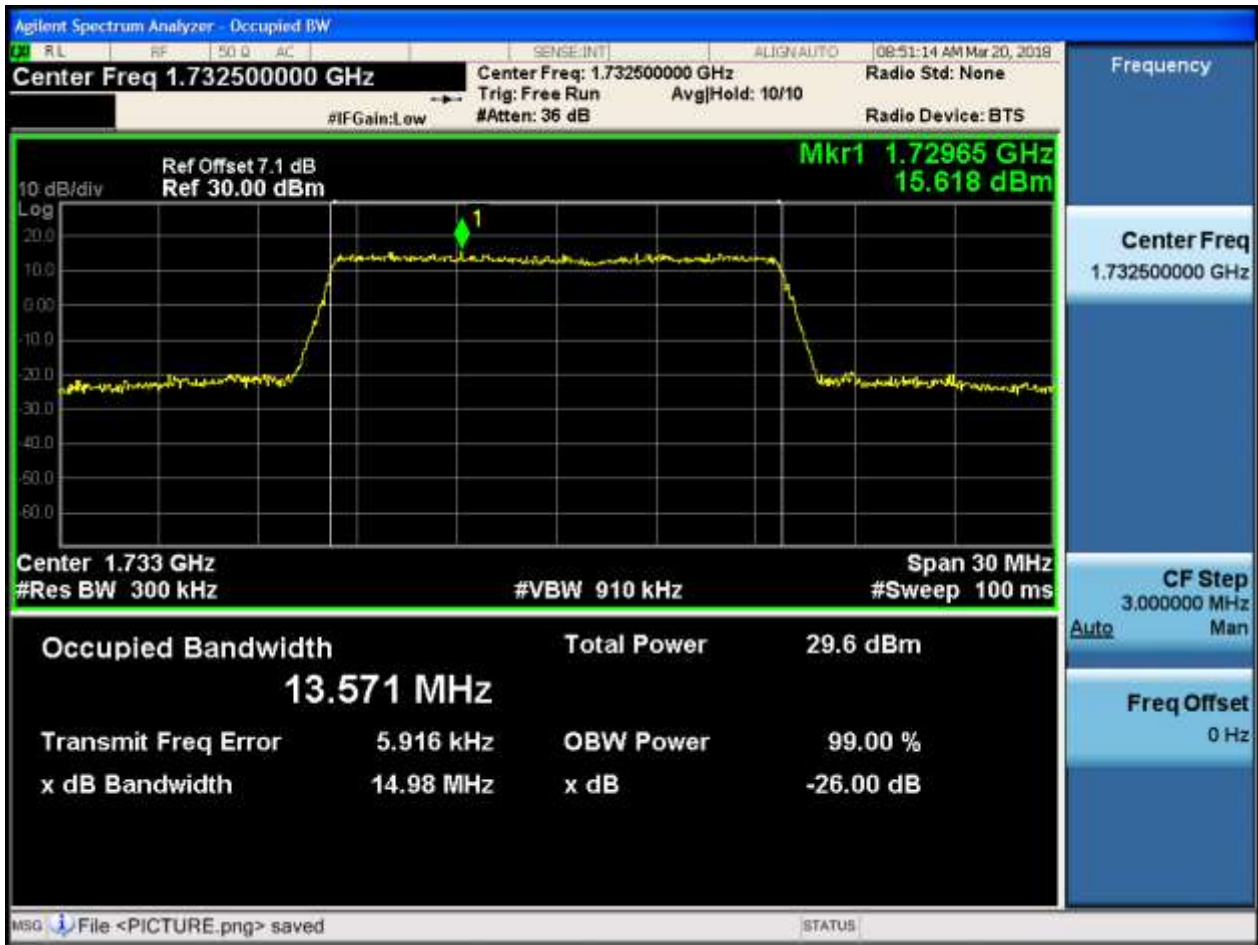
4.1.1.2.5.1 Test Channel = LCH

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

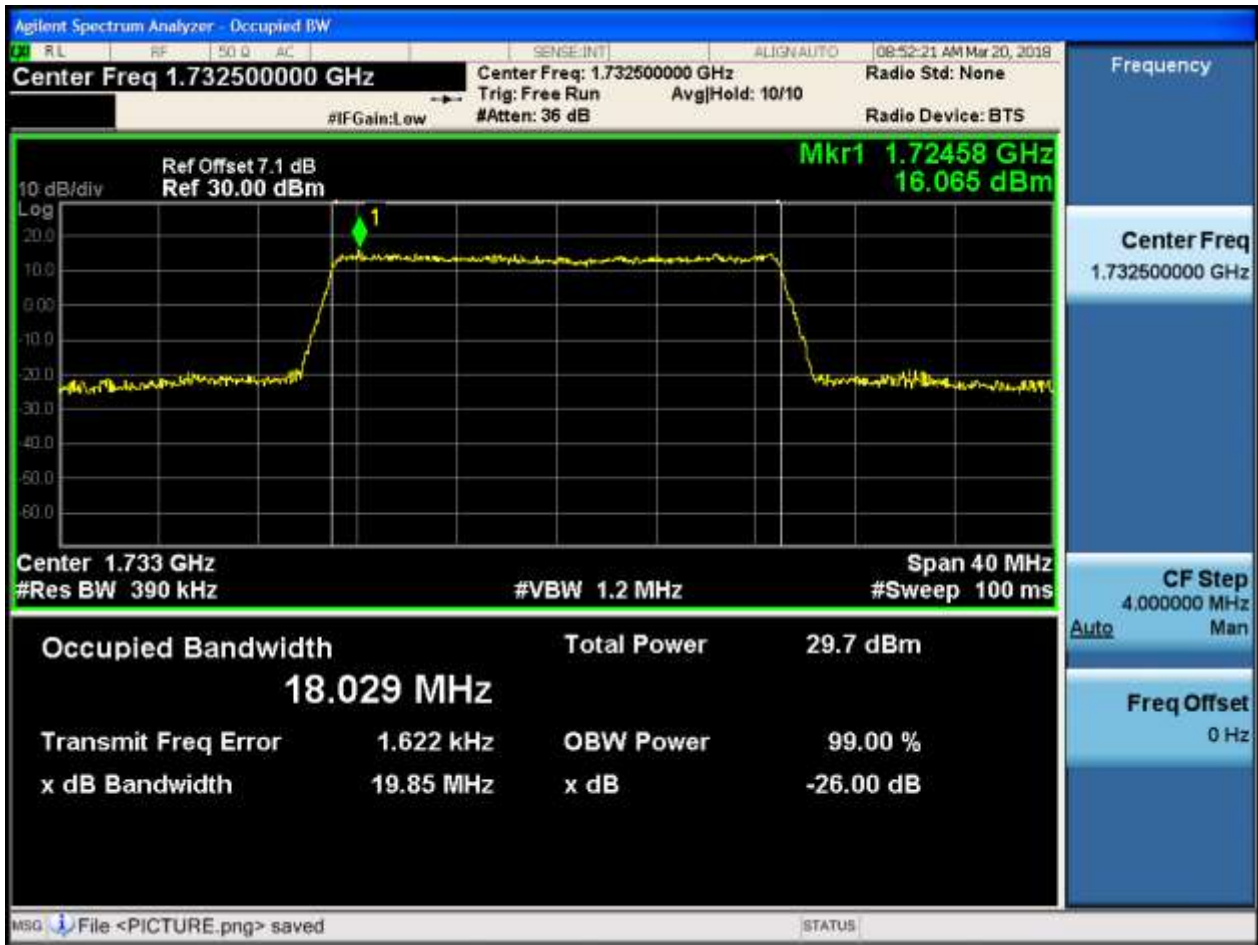
4.1.1.2.6.1 Test Channel = LCH

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

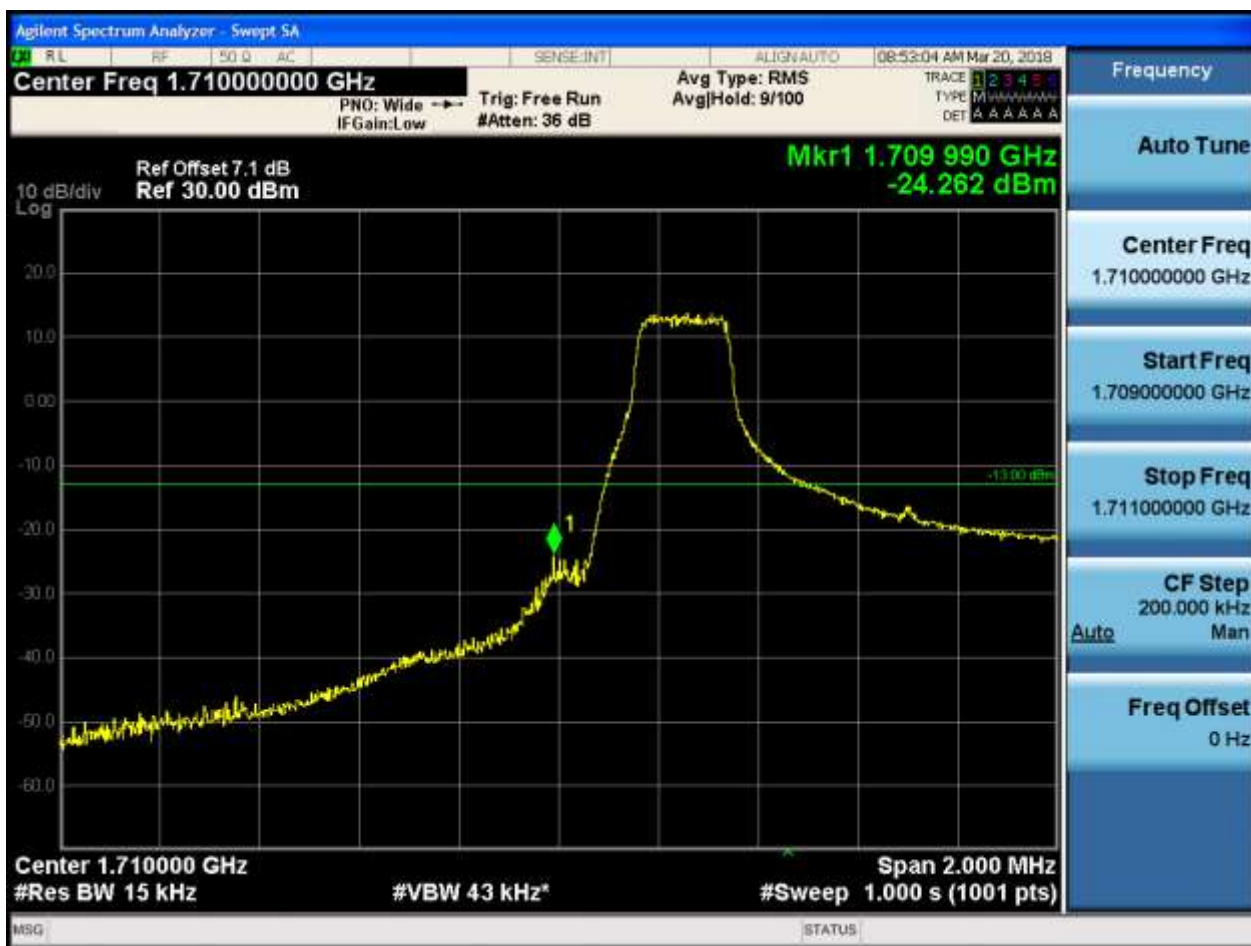
5.1.1 Test Band = BAND4

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





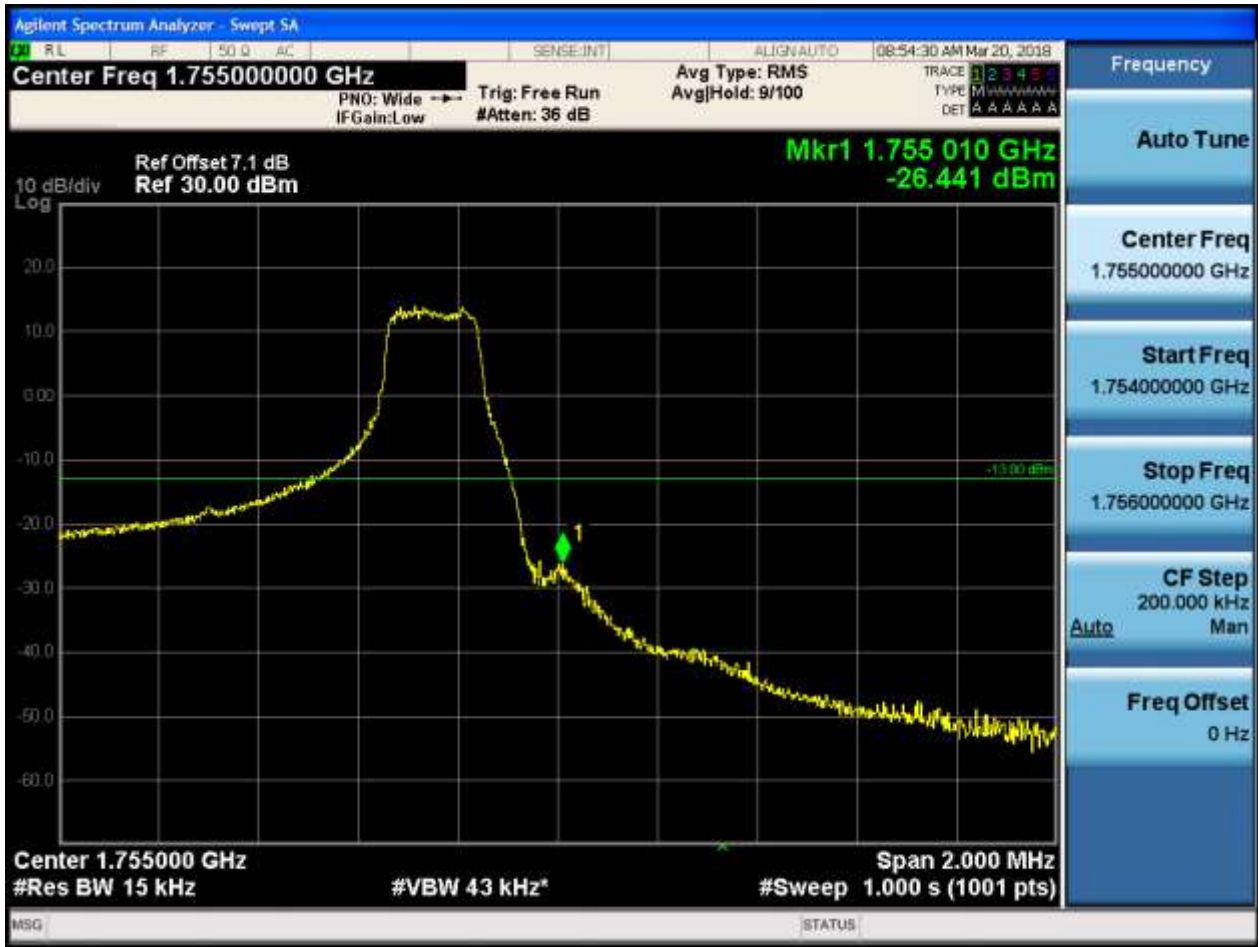
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





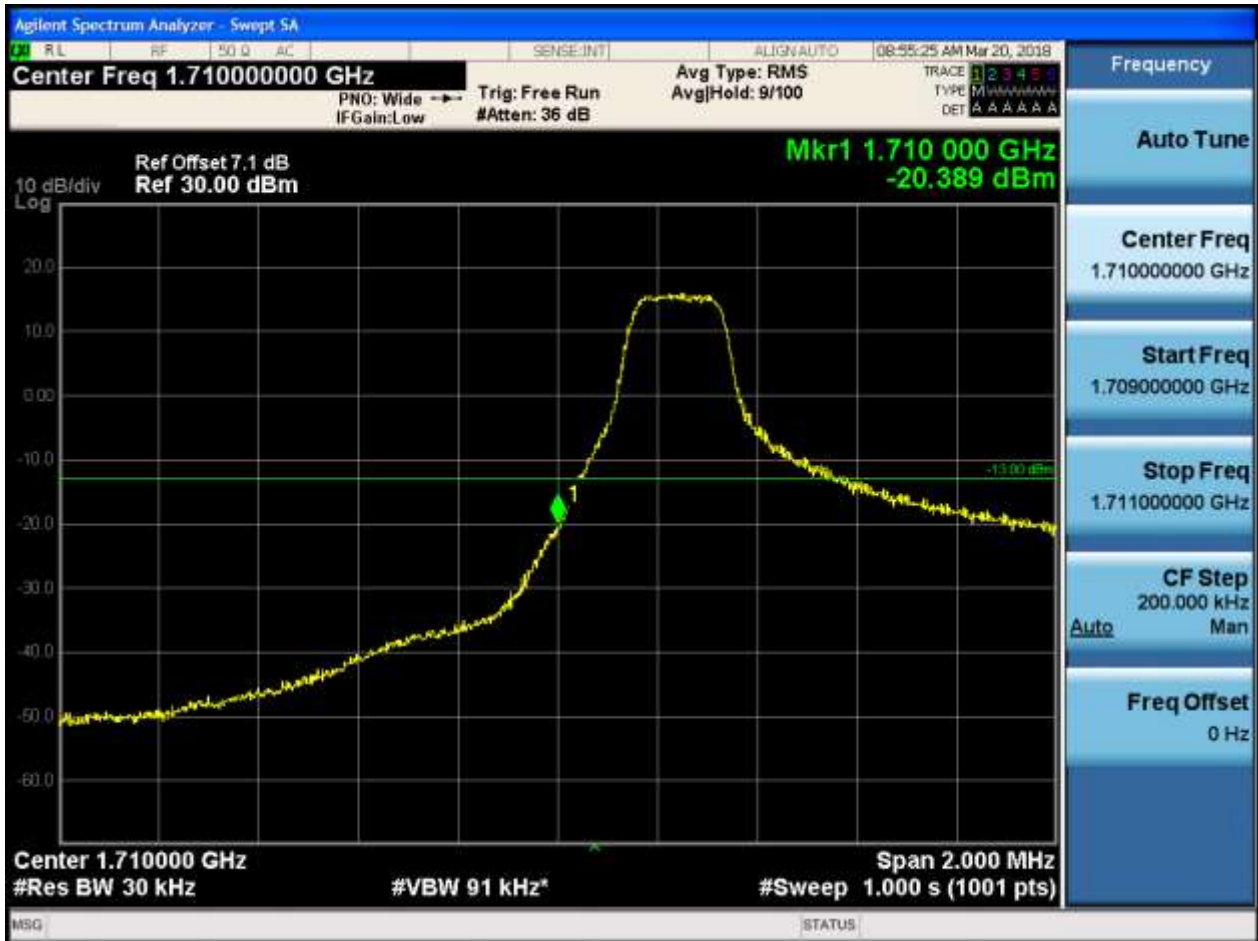
5.1.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4





5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.755000000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.755 000 GHz
-21.357 dBm

Center 1.755000 GHz
#Res BW 30 kHz
#VBW 91 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.3 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



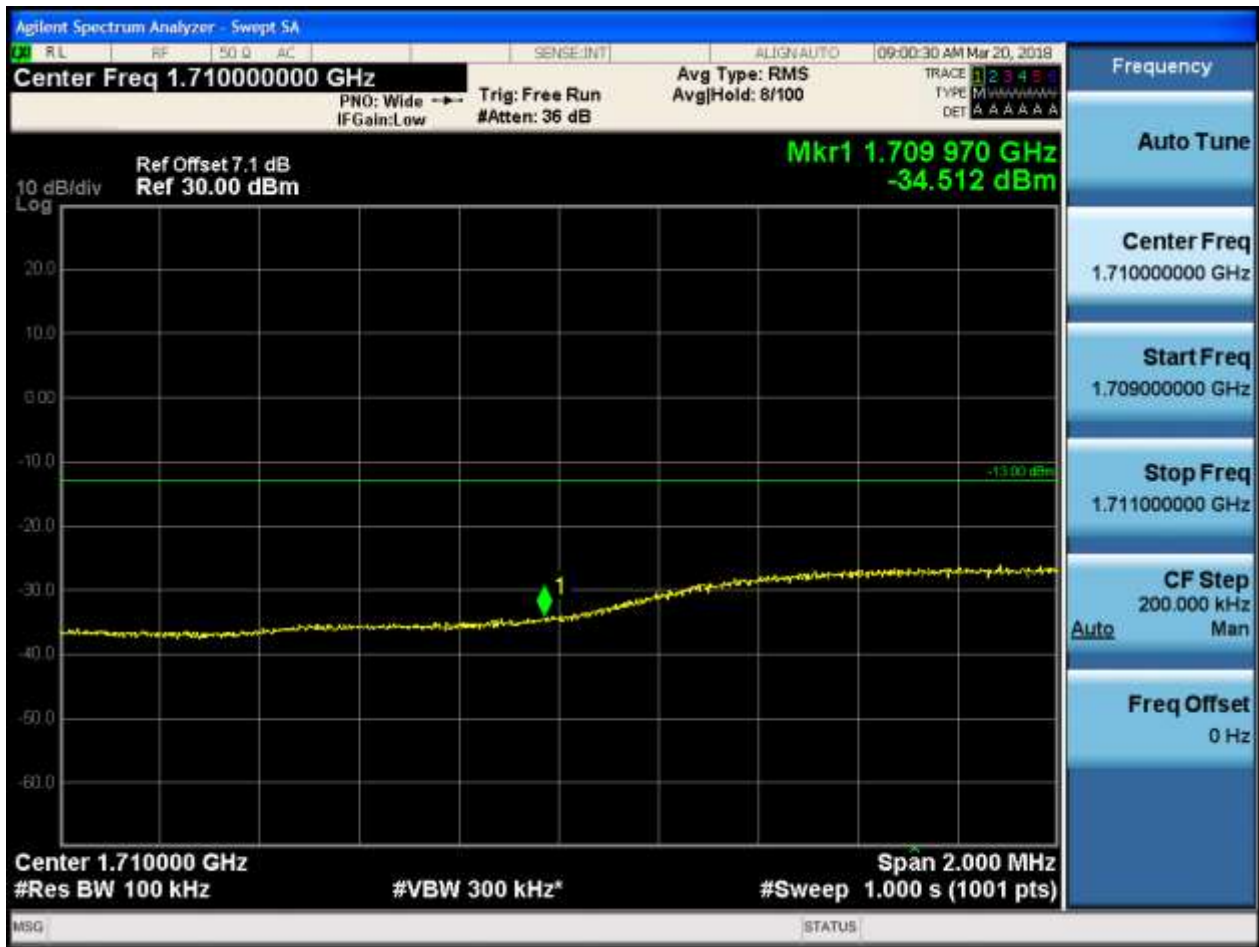


5.1.1.1.4.1.2 Test RB = RB1#49





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



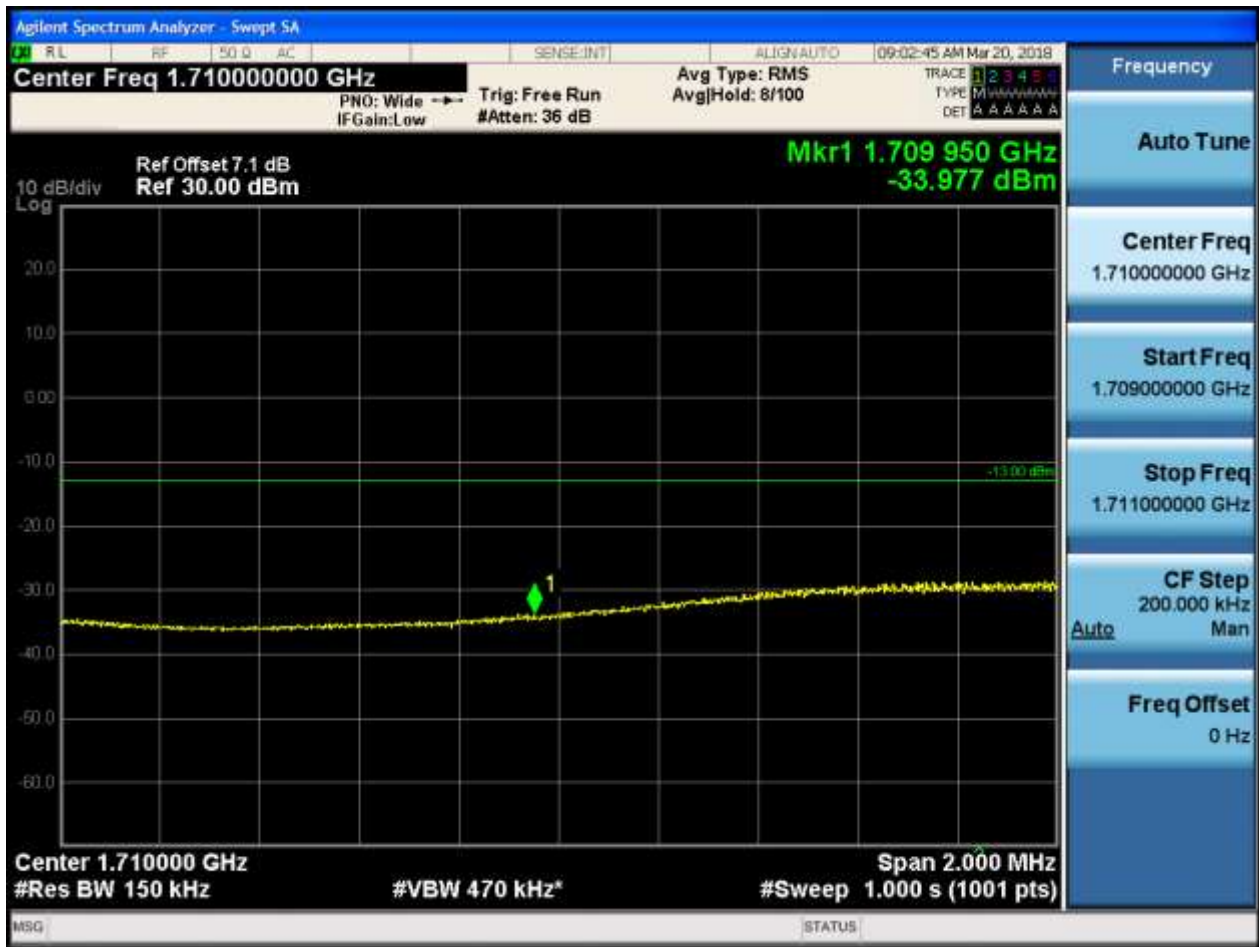


5.1.1.1.5.1.2 Test RB = RB1#74





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



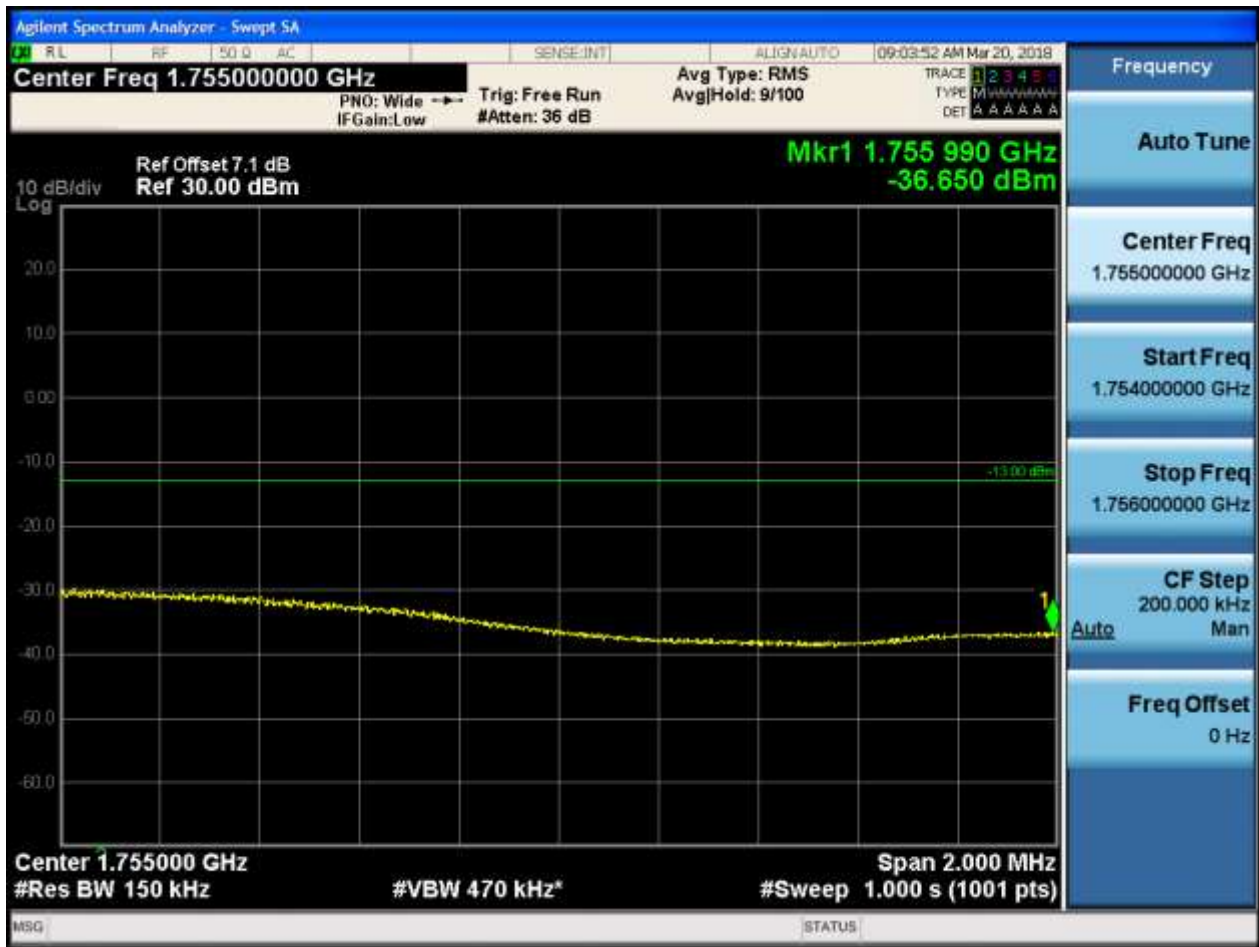


5.1.1.1.5.2.2 Test RB = RB1#74





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



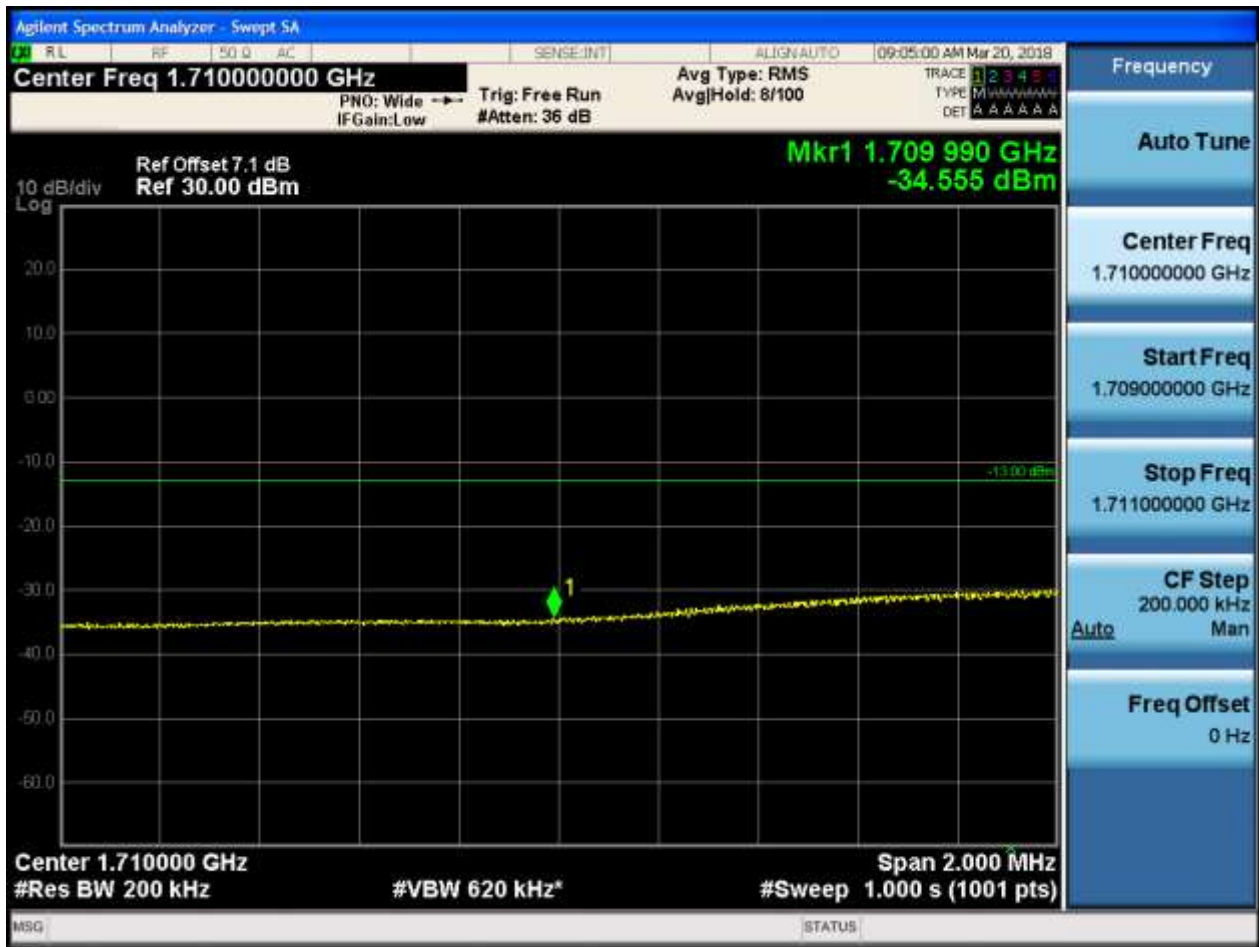


5.1.1.1.6.1.2 Test RB = RB1#99





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



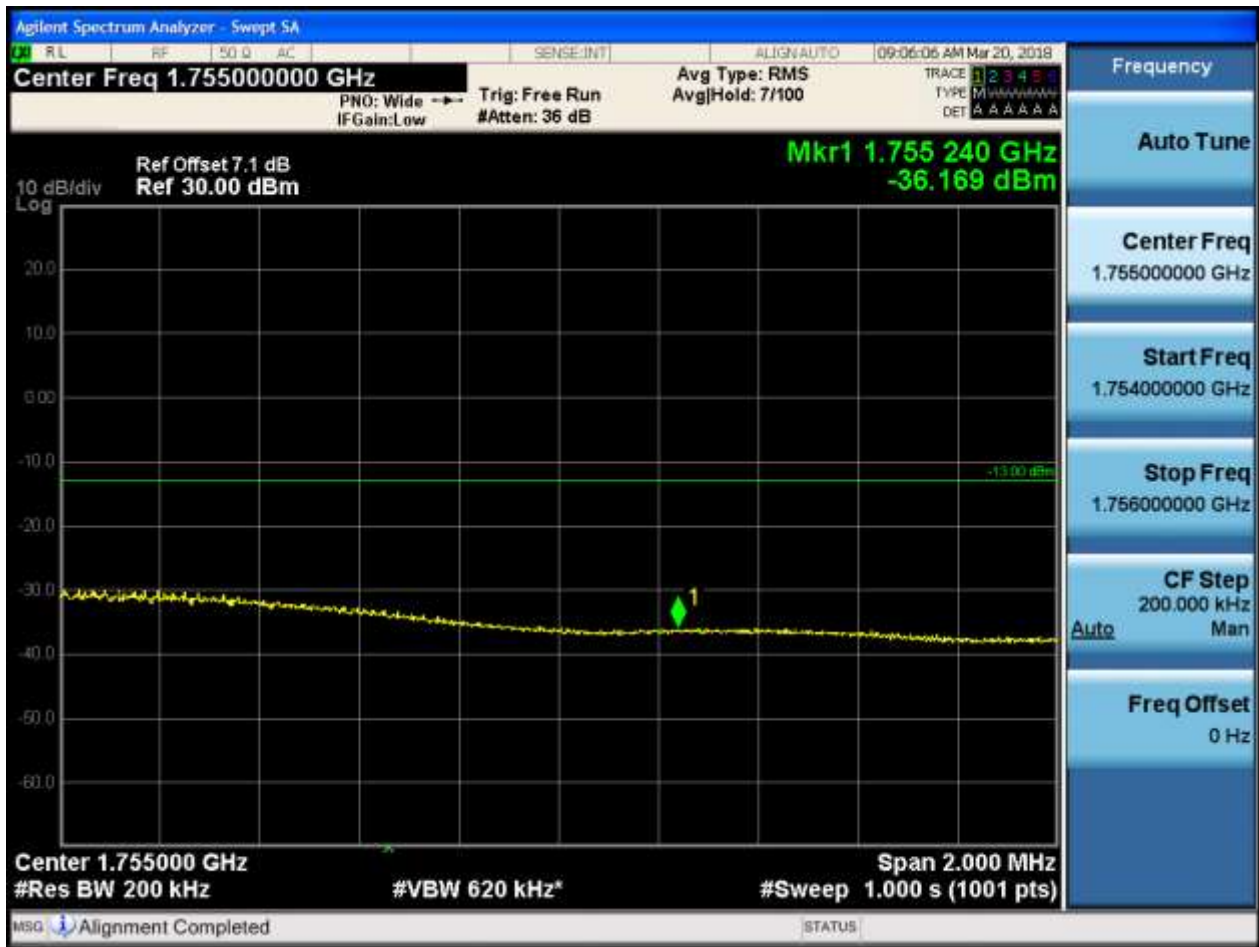


5.1.1.1.6.2.2 Test RB = RB1#99





5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



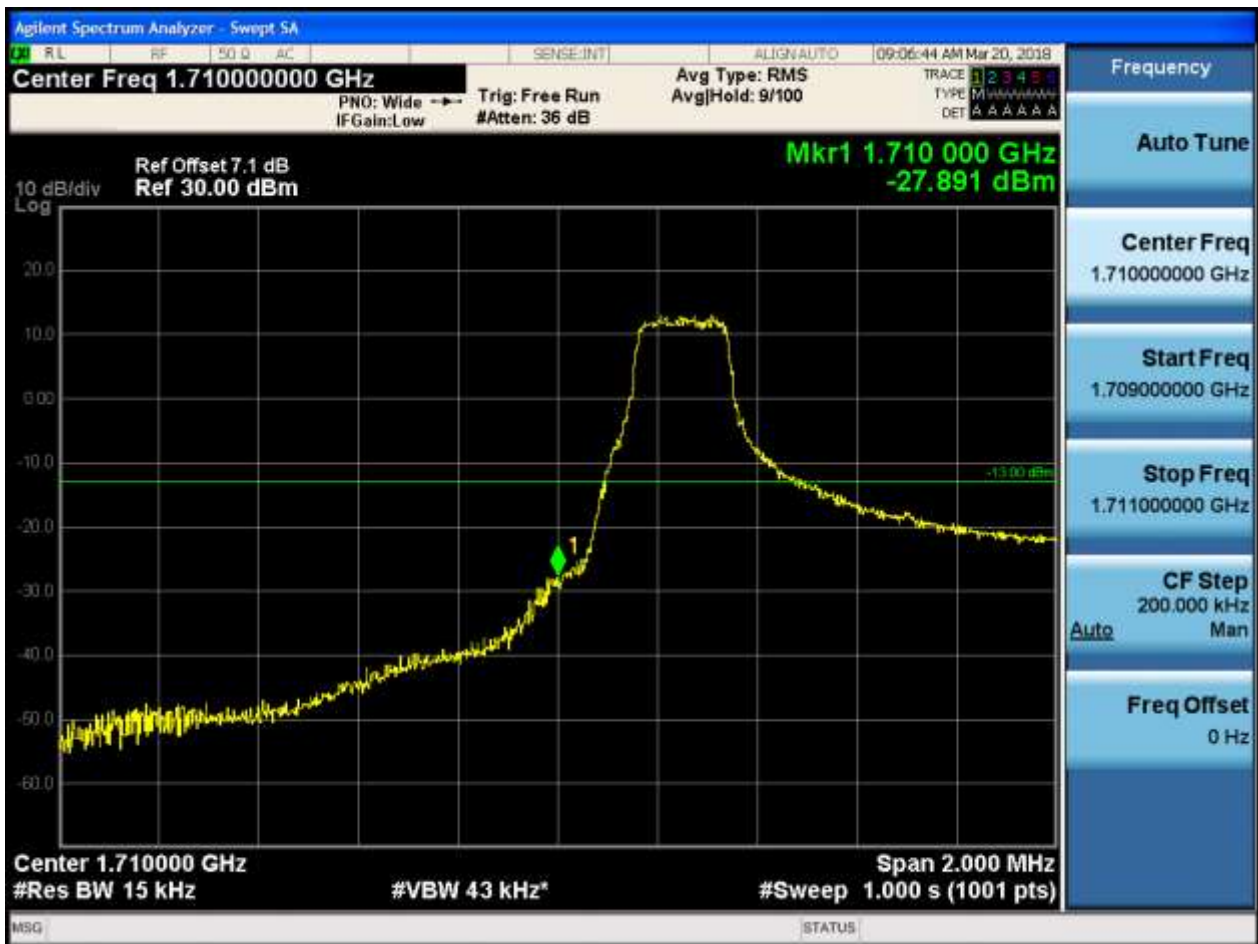


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

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





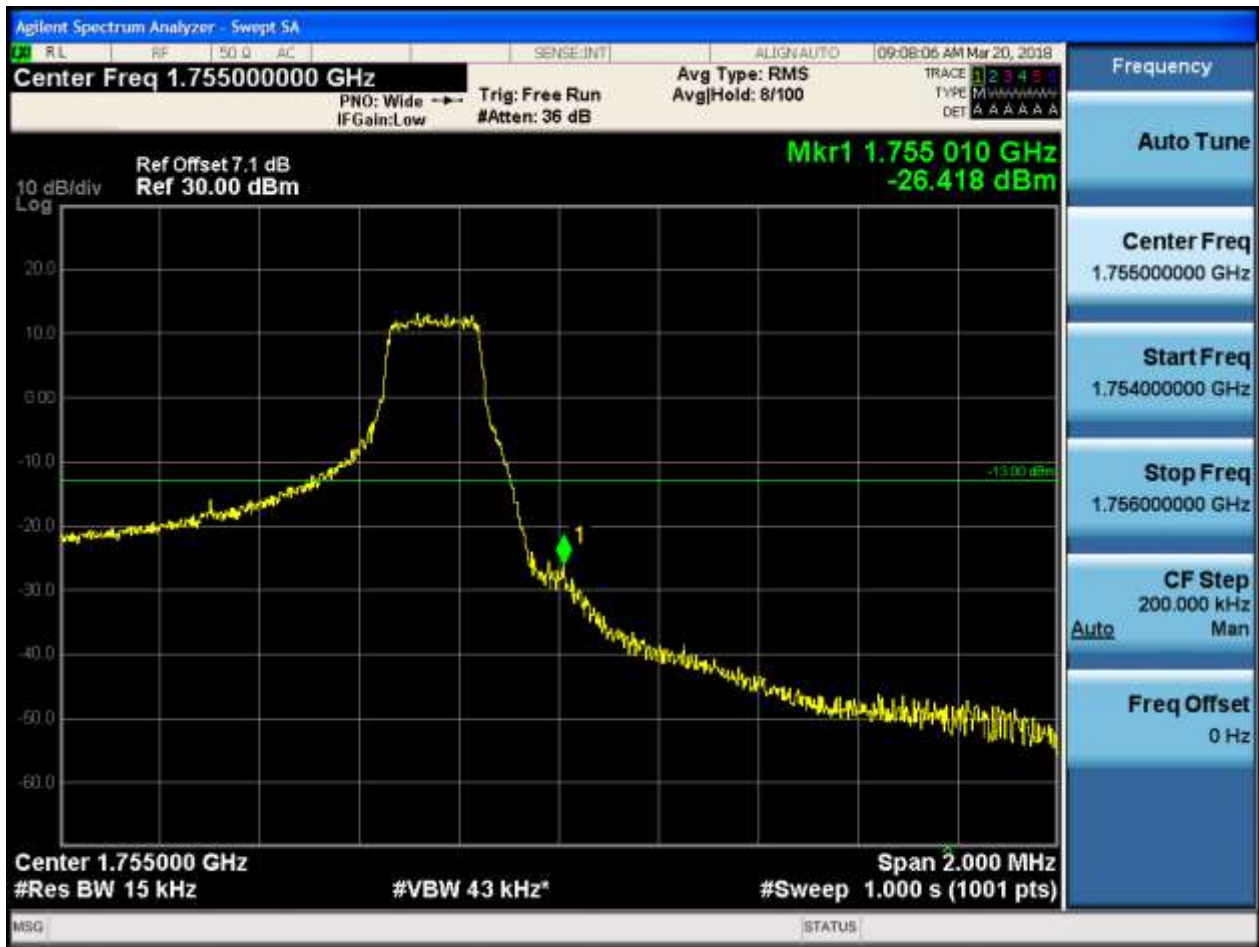
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5





5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

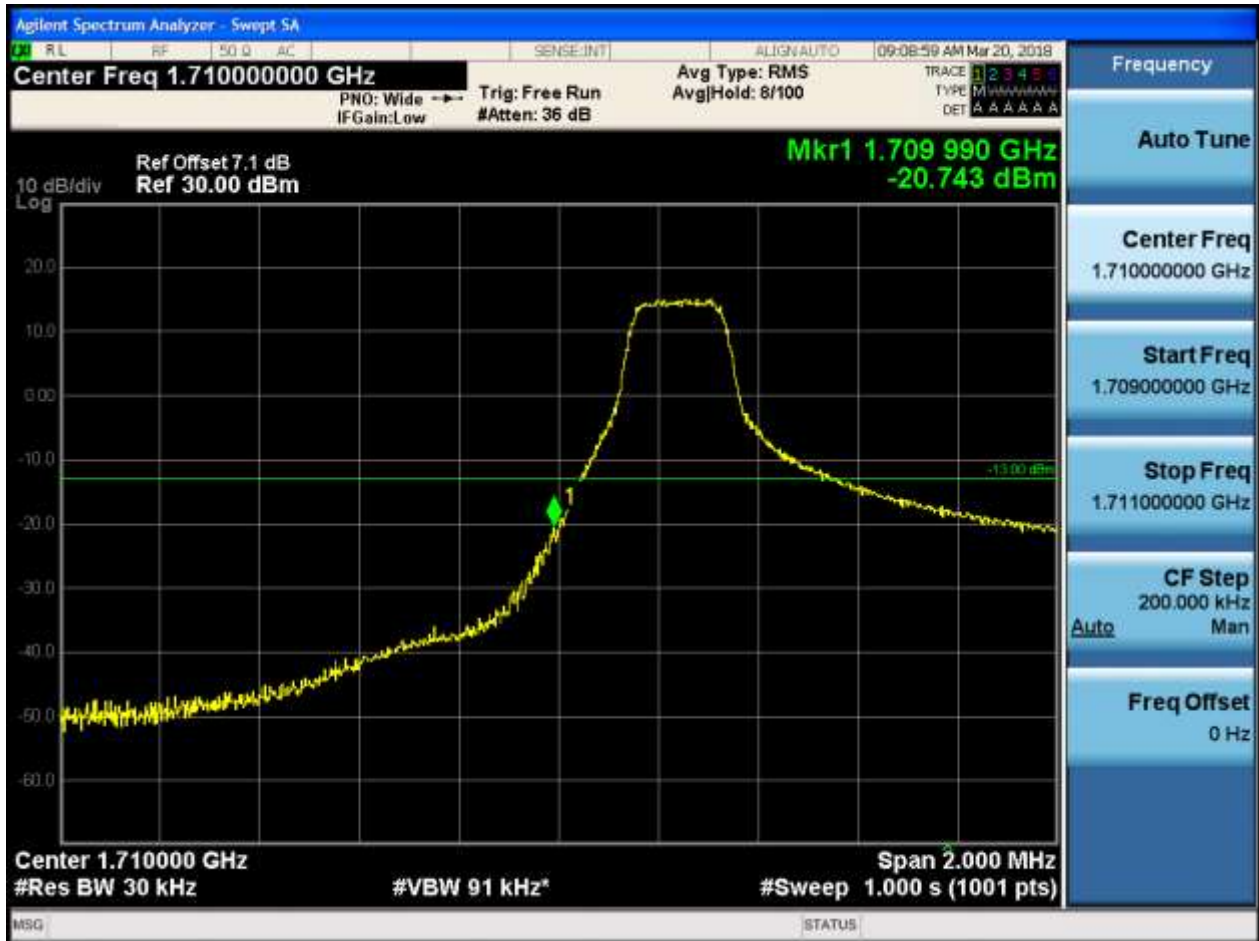




5.1.1.2.2 Test Bandwidth = 3

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



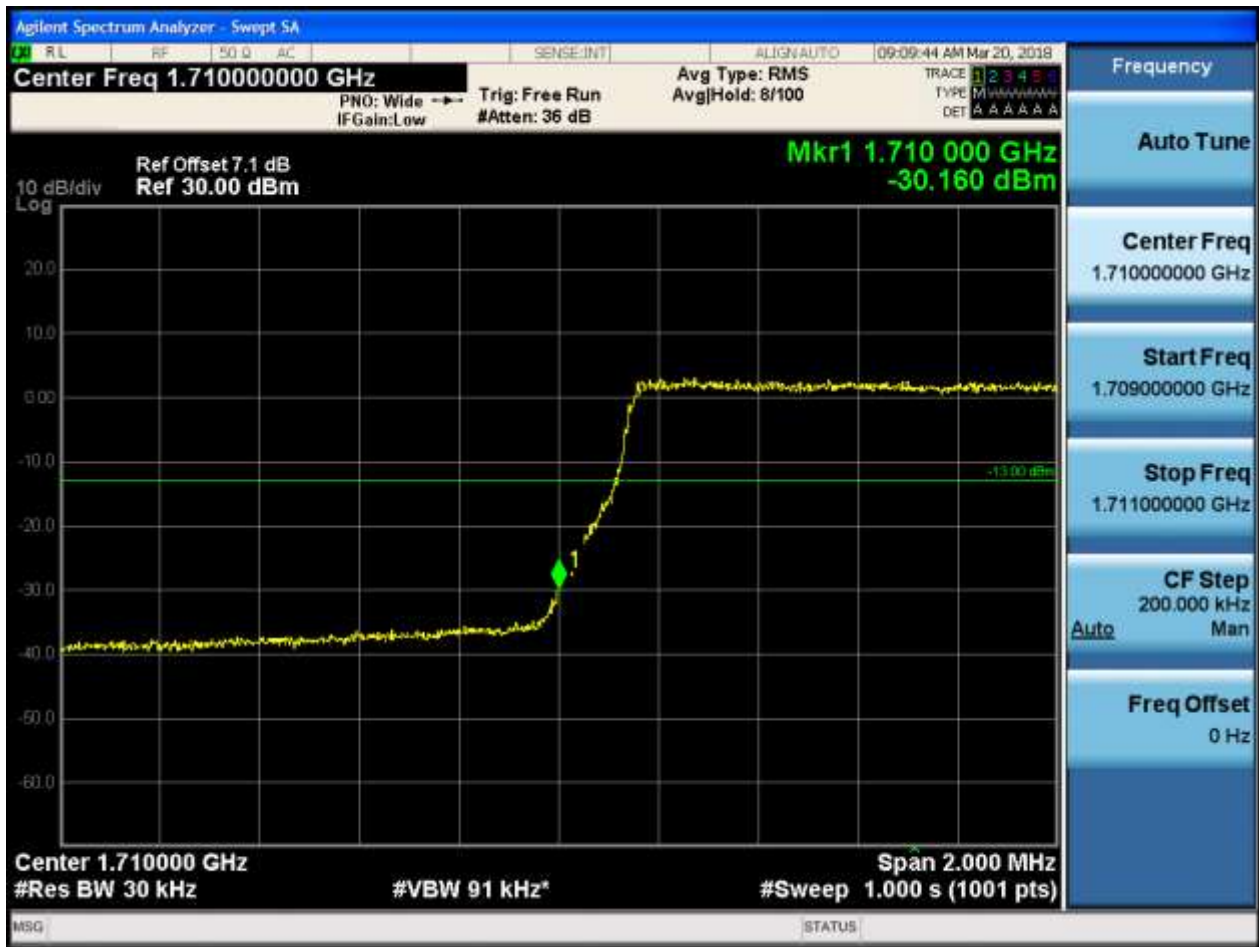


5.1.1.2.2.1.3 Test RB = RB8#4





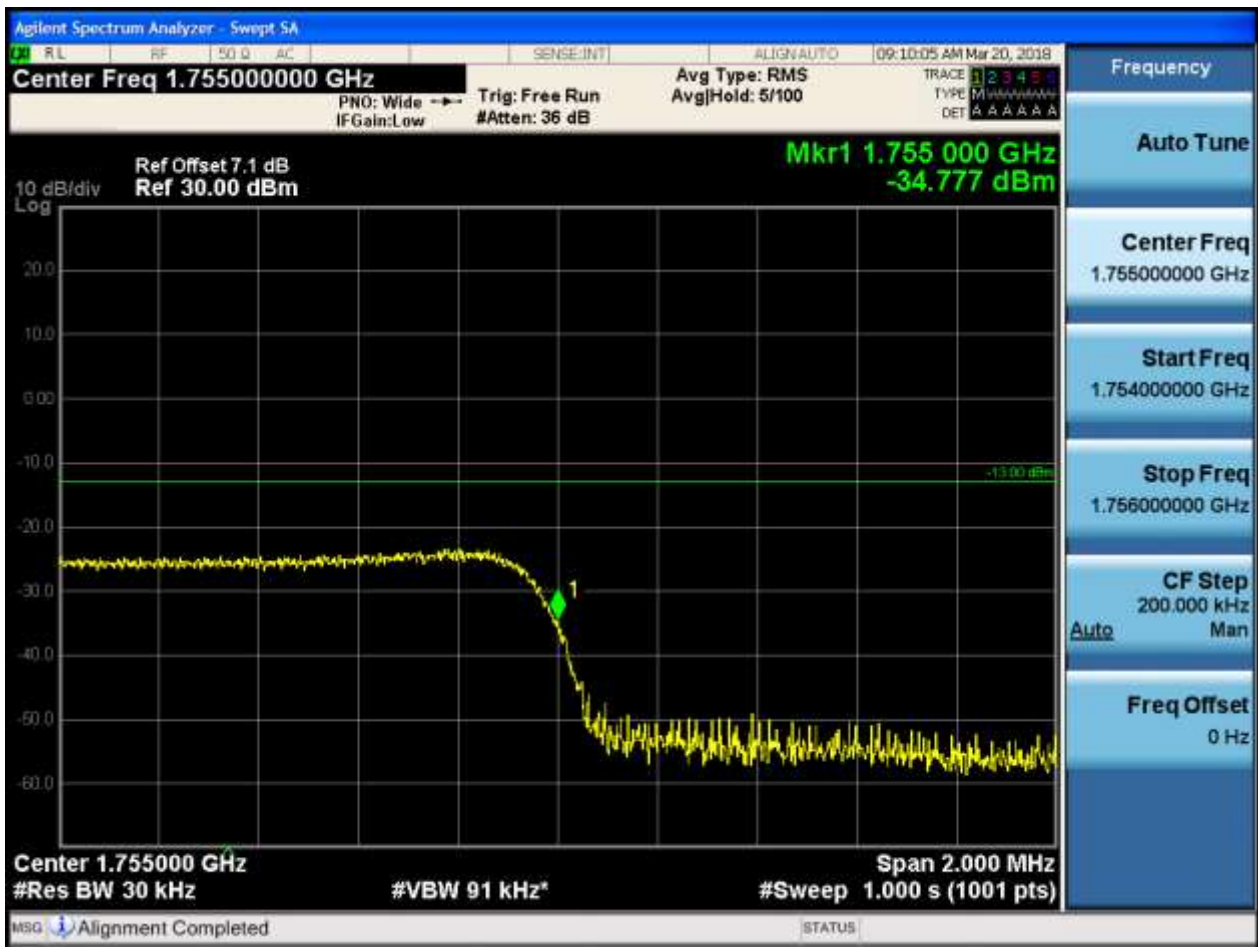
5.1.1.2.2.1.4 Test RB = RB15#0





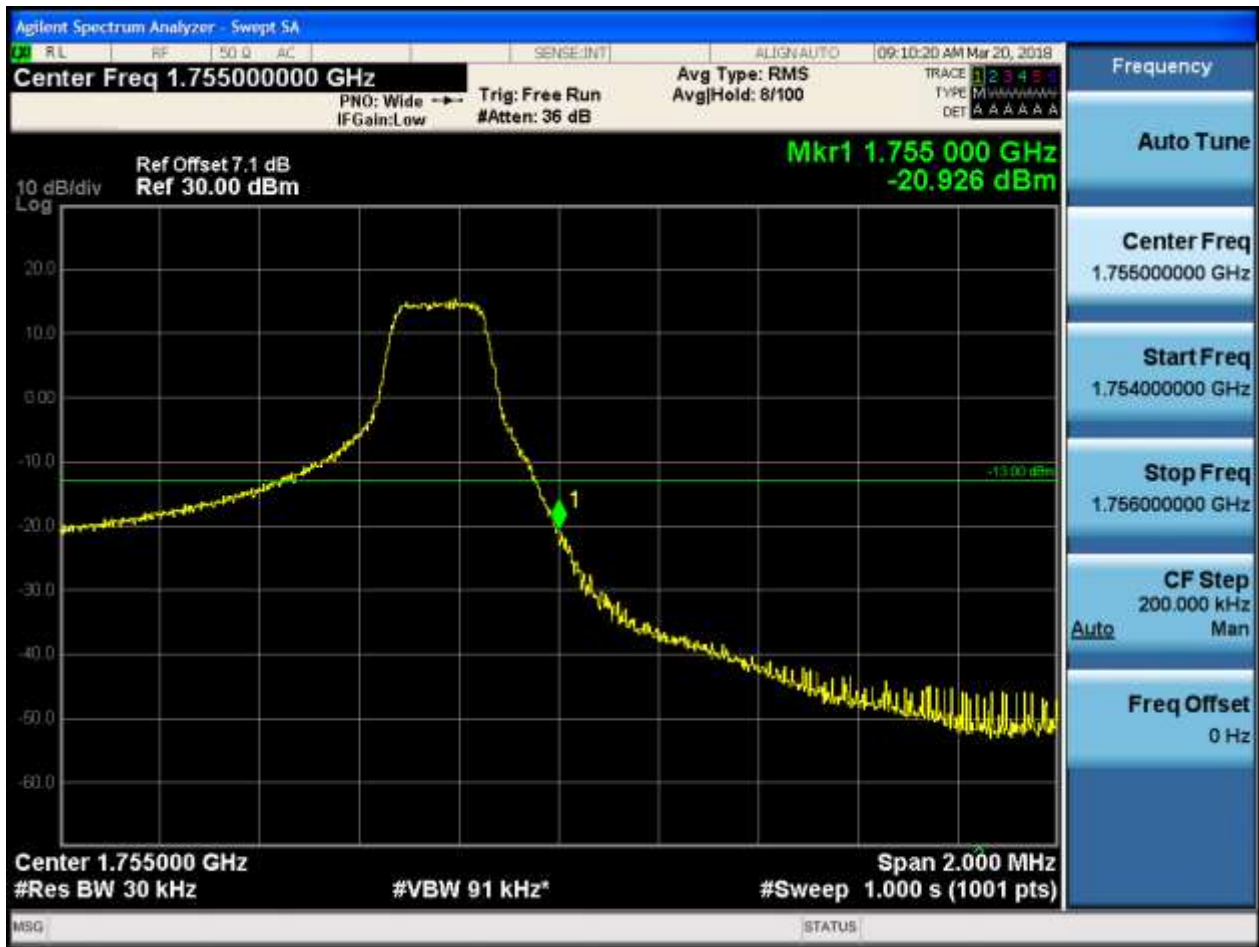
5.1.1.2.2.2 Test Channel = HCH

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

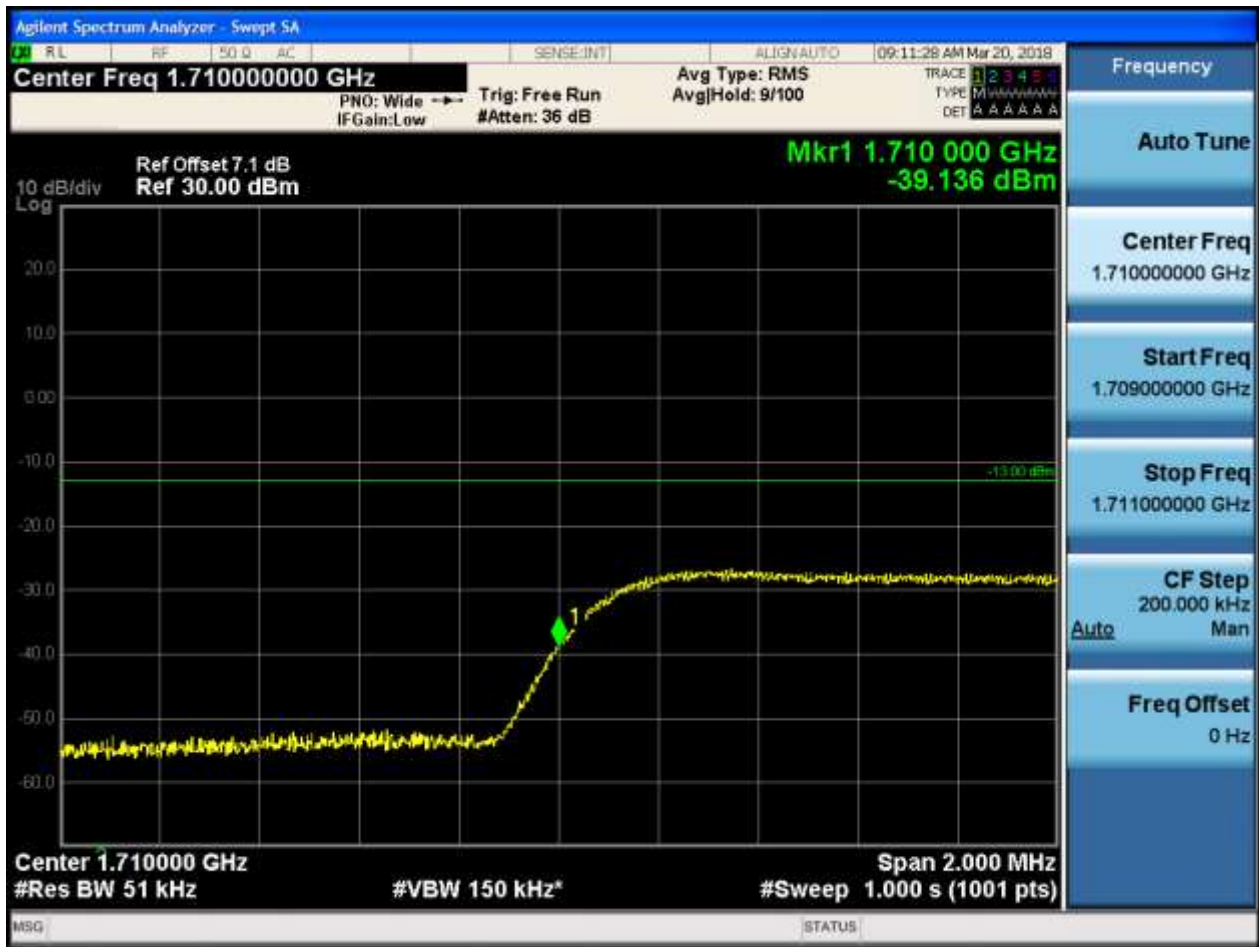
5.1.1.2.3.1 Test Channel = LCH

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



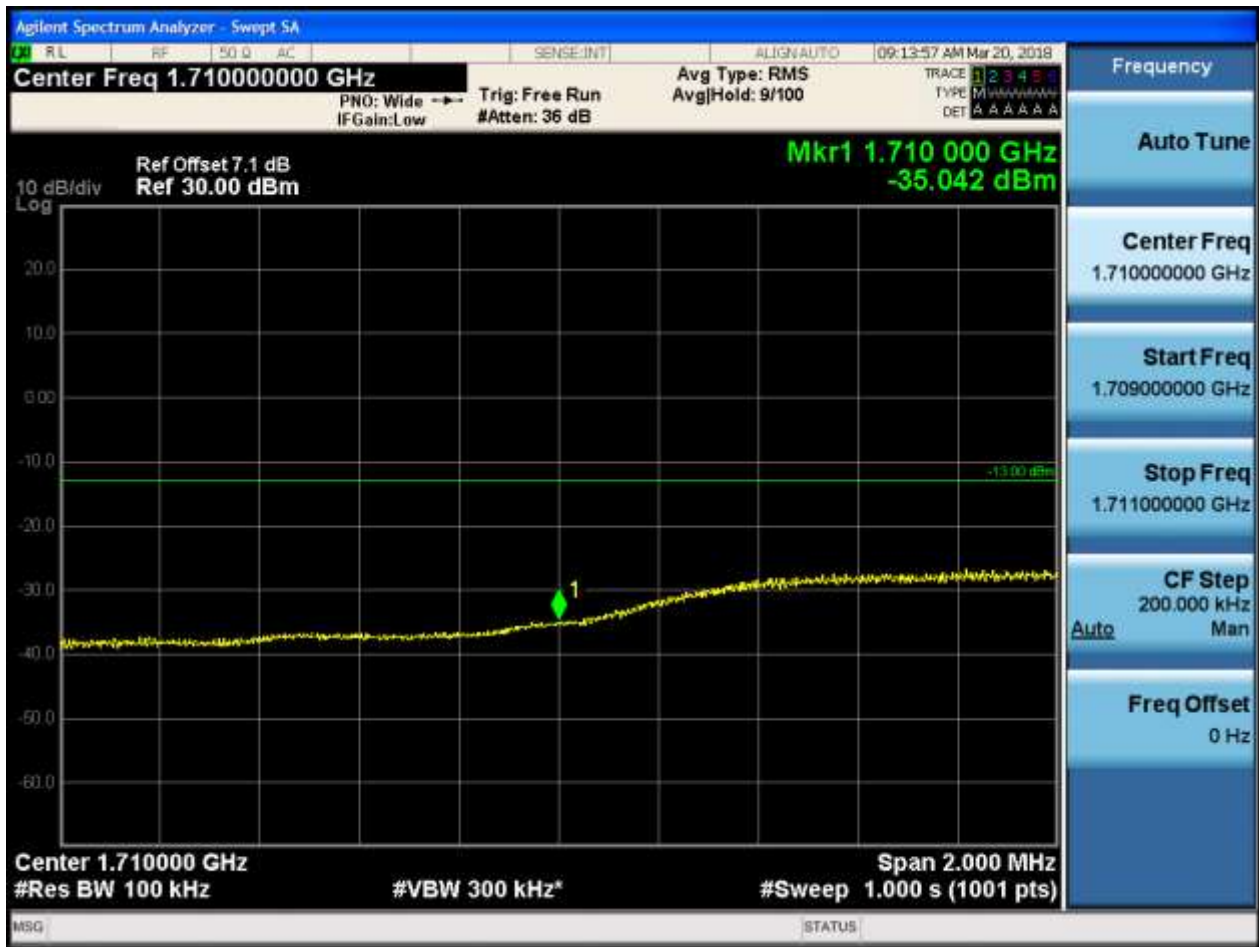


5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13





5.1.1.2.4.1.4 Test RB = RB50#0

