



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/TM 1	1.4	LCH	RB1#0	21.74	23.28	30	PASS
				RB1#3	21.74	23.39	30	PASS
				RB1#5	21.73	23.28	30	PASS
				RB3#0	21.77	23.07	30	PASS
				RB3#2	21.74	23.17	30	PASS
				RB3#3	21.75	23.14	30	PASS
				RB6#0	20.75	22.32	30	PASS
			MCH	RB1#0	21.57	22.95	30	PASS
				RB1#3	21.63	23.13	30	PASS
				RB1#5	21.6	23.18	30	PASS
				RB3#0	21.62	23.22	30	PASS
				RB3#2	21.59	23.16	30	PASS
				RB3#3	21.58	22.96	30	PASS
				RB6#0	20.59	21.93	30	PASS
		HCH	RB1#0	21.75	23.16	30	PASS	
			RB1#3	21.83	23.17	30	PASS	
			RB1#5	21.76	23.12	30	PASS	
			RB3#0	21.65	23.01	30	PASS	
			RB3#2	21.71	23.12	30	PASS	
			RB3#3	21.67	23.07	30	PASS	
			RB6#0	20.67	22.18	30	PASS	
		3	LCH	RB1#0	21.72	23.25	30	PASS
				RB1#7	21.78	23.44	30	PASS
				RB1#14	21.73	23.03	30	PASS
				RB8#0	20.75	22.34	30	PASS
				RB8#4	20.76	22.14	30	PASS
				RB8#7	20.81	22.24	30	PASS
				RB15#0	20.83	22.48	30	PASS
MCH	RB1#0		21.58	22.94	30	PASS		
	RB1#7		21.67	23.20	30	PASS		
	RB1#14		21.62	23.22	30	PASS		
	RB8#0		20.61	22.05	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB8#4	20.56	21.94	30	PASS	
				RB8#7	20.54	22.02	30	PASS	
				RB15#0	20.53	22.12	30	PASS	
			HCH	RB1#0	21.7	23.11	30	PASS	
				RB1#7	21.72	23.37	30	PASS	
				RB1#14	21.66	23.18	30	PASS	
				RB8#0	20.74	22.32	30	PASS	
				RB8#4	20.71	22.11	30	PASS	
				RB8#7	20.66	21.96	30	PASS	
			RB15#0	20.68	22.02	30	PASS		
			5	LCH	RB1#0	21.68	23.22	30	PASS
					RB1#13	21.75	23.40	30	PASS
		RB1#24			21.68	23.01	30	PASS	
		RB12#0			20.84	22.21	30	PASS	
		RB12#6			20.8	22.18	30	PASS	
		RB12#13			20.82	22.17	30	PASS	
		MCH		RB25#0	20.74	22.07	30	PASS	
				RB1#0	21.56	23.19	30	PASS	
				RB1#13	21.6	23.09	30	PASS	
				RB1#24	21.47	22.90	30	PASS	
				RB12#0	20.56	22.17	30	PASS	
				RB12#6	20.59	22.27	30	PASS	
		HCH	RB12#13	20.62	22.26	30	PASS		
			RB25#0	20.57	22.19	30	PASS		
			RB1#0	21.71	23.09	30	PASS		
			RB1#13	21.75	23.27	30	PASS		
			RB1#24	21.66	23.32	30	PASS		
			RB12#0	20.7	22.06	30	PASS		
			RB12#6	20.72	22.11	30	PASS		
		10	LCH	RB12#13	20.66	22.36	30	PASS	
				RB25#0	20.66	22.23	30	PASS	
				RB1#0	21.57	22.98	30	PASS	
				RB1#25	21.81	23.48	30	PASS	
RB1#49	21.64			23.04	30	PASS			
RB25#0	20.78	22.18	30	PASS					
RB25#1	20.83	22.34	30	PASS					



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict		
		15		3						
				RB25#25	20.77	22.22	30	PASS		
				RB50#0	20.72	22.29	30	PASS		
			MCH	RB1#0	21.56	23.03	30	PASS		
				RB1#25	21.58	23.28	30	PASS		
				RB1#49	21.49	22.90	30	PASS		
				RB25#0	20.5	22.04	30	PASS		
				RB25#13	20.57	21.93	30	PASS		
				RB25#25	20.53	21.98	30	PASS		
				RB50#0	20.56	21.94	30	PASS		
			HCH	RB1#0	21.53	23.08	30	PASS		
				RB1#25	21.74	23.29	30	PASS		
				RB1#49	21.53	23.11	30	PASS		
				RB25#0	20.65	22.23	30	PASS		
				RB25#13	20.68	22.10	30	PASS		
				RB25#25	20.66	22.15	30	PASS		
			15		LCH	RB1#0	21.54	23.10	30	PASS
						RB1#38	21.75	23.33	30	PASS
		RB1#74				21.43	23.02	30	PASS	
		RB38#0				20.68	22.37	30	PASS	
		RB38#19				20.75	22.21	30	PASS	
		RB38#39				20.67	22.29	30	PASS	
		MCH			RB75#0	20.72	22.35	30	PASS	
					RB1#0	21.46	23.10	30	PASS	
					RB1#38	21.58	23.13	30	PASS	
					RB1#74	21.44	23.02	30	PASS	
					RB38#0	20.54	22.04	30	PASS	
					RB38#19	20.54	22.02	30	PASS	
		RB38#39	20.51	21.99	30	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict						
			HCH	RB75#0	20.49	21.85	30	PASS						
				RB1#0	21.44	23.10	30	PASS						
				RB1#38	21.7	23.33	30	PASS						
				RB1#74	21.42	23.04	30	PASS						
				RB38#0	20.57	22.13	30	PASS						
				RB38#19	20.67	22.01	30	PASS						
				RB38#39	20.65	22.21	30	PASS						
				RB75#0	20.65	22.33	30	PASS						
				RB1#0	21.79	23.42	30	PASS						
				RB1#50	21.8	23.25	30	PASS						
				RB1#99	21.56	22.90	30	PASS						
				RB50#0	20.73	22.23	30	PASS						
				RB50#25	20.78	22.40	30	PASS						
				RB50#50	20.67	22.20	30	PASS						
		RB100#0	20.74	22.42	30	PASS								
			LCH	20	MCH	RB1#0	21.72	23.20	30	PASS				
						RB1#50	21.58	22.89	30	PASS				
						RB1#99	21.56	22.96	30	PASS				
						RB50#0	20.58	22.17	30	PASS				
						RB50#25	20.55	21.89	30	PASS				
						RB50#50	20.51	22.17	30	PASS				
						RB100#0	20.54	22.18	30	PASS				
							HCH	20	HCH	RB1#0	21.53	23.11	30	PASS
										RB1#50	21.68	23.07	30	PASS
										RB1#99	21.64	23.18	30	PASS
										RB50#0	20.57	22.06	30	PASS
										RB50#25	20.57	21.95	30	PASS
										RB50#50	20.61	22.25	30	PASS
										RB100#0	20.63	22.07	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
	LTE/TM2	1.4	LCH	0				
				RB1#0	20.98	22.64	30	PASS
				RB1#3	20.96	22.43	30	PASS
				RB1#5	20.93	22.49	30	PASS
				RB3#0	20.72	22.25	30	PASS
				RB3#2	20.68	22.20	30	PASS
				RB3#3	20.68	22.09	30	PASS
			RB6#0	19.7	21.35	30	PASS	
			MCH	RB1#0	20.81	22.35	30	PASS
				RB1#3	20.79	22.20	30	PASS
				RB1#5	20.76	22.26	30	PASS
				RB3#0	20.62	21.97	30	PASS
				RB3#2	20.59	22.12	30	PASS
				RB3#3	20.62	22.23	30	PASS
				RB6#0	19.56	20.89	30	PASS
			HCH	RB1#0	20.82	22.43	30	PASS
				RB1#3	20.79	22.38	30	PASS
				RB1#5	20.84	22.40	30	PASS
				RB3#0	20.72	22.38	30	PASS
				RB3#2	20.68	22.19	30	PASS
				RB3#3	20.64	22.07	30	PASS
		RB6#0		19.57	21.01	30	PASS	
		3	LCH	RB1#0	20.81	22.35	30	PASS
				RB1#7	20.86	22.53	30	PASS
				RB1#14	20.85	22.26	30	PASS
				RB8#0	19.75	21.12	30	PASS
				RB8#4	19.78	21.45	30	PASS
				RB8#7	19.81	21.23	30	PASS
				RB15#0	19.7	21.30	30	PASS
			MCH	RB1#0	20.48	21.88	30	PASS
				RB1#7	20.57	22.09	30	PASS
				RB1#14	20.5	21.87	30	PASS
				RB8#0	19.59	20.98	30	PASS
				RB8#4	19.54	21.07	30	PASS
				RB8#7	19.63	21.13	30	PASS
				RB15#0	19.59	21.10	30	PASS
			HCH	RB1#0	20.87	22.54	30	PASS
		RB1#7		20.89	22.22	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#14	20.79	22.17	30	PASS
				RB8#0	19.6	21.14	30	PASS
				RB8#4	19.62	21.26	30	PASS
				RB8#7	19.62	21.03	30	PASS
				RB15#0	19.63	20.99	30	PASS
		5	LCH	RB1#0	20.81	22.48	30	PASS
				RB1#13	20.83	22.49	30	PASS
				RB1#24	20.82	22.31	30	PASS
				RB12#0	19.71	21.40	30	PASS
				RB12#6	19.75	21.12	30	PASS
				RB12#13	19.71	21.39	30	PASS
			RB25#0	19.71	21.34	30	PASS	
			MCH	RB1#0	20.9	22.43	30	PASS
				RB1#13	20.95	22.25	30	PASS
				RB1#24	20.88	22.48	30	PASS
				RB12#0	19.53	21.00	30	PASS
				RB12#6	19.56	21.20	30	PASS
				RB12#13	19.47	21.10	30	PASS
			RB25#0	19.54	20.85	30	PASS	
			HCH	RB1#0	20.91	22.29	30	PASS
				RB1#13	20.99	22.43	30	PASS
				RB1#24	20.88	22.24	30	PASS
				RB12#0	19.69	21.30	30	PASS
		RB12#6		19.7	21.08	30	PASS	
		RB12#13		19.68	21.32	30	PASS	
		RB25#0	19.6	20.92	30	PASS		
		10	LCH	RB1#0	20.78	22.40	30	PASS
				RB1#25	21	22.59	30	PASS
				RB1#49	20.9	22.27	30	PASS
				RB25#0	19.68	21.25	30	PASS
				RB25#13	19.75	21.34	30	PASS
				RB25#25	19.75	21.13	30	PASS
				RB50#0	19.69	21.04	30	PASS
MCH	RB1#0		20.49	22.03	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	20.58	21.96	30	PASS
				RB1#49	20.48	22.04	30	PASS
				RB25#0	19.46	20.83	30	PASS
				RB25#13	19.46	21.14	30	PASS
				RB25#25	19.41	20.89	30	PASS
				RB50#0	19.45	21.00	30	PASS
			HCH	RB1#0	20.66	22.22	30	PASS
				RB1#25	20.91	22.60	30	PASS
				RB1#49	20.67	22.23	30	PASS
				RB25#0	19.61	21.30	30	PASS
				RB25#13	19.68	21.25	30	PASS
				RB25#25	19.71	21.21	30	PASS
			RB50#0	19.58	21.15	30	PASS	
			15	LCH	RB1#0	20.78	22.38	30
		RB1#38			21.03	22.42	30	PASS
		RB1#74			20.71	22.10	30	PASS
		RB38#0			19.69	21.14	30	PASS
		RB38#19			19.78	21.41	30	PASS
		RB38#39			19.69	21.09	30	PASS
		RB75#0		19.7	21.33	30	PASS	
		MCH		RB1#0	20.86	22.33	30	PASS
				RB1#38	20.94	22.62	30	PASS
				RB1#74	20.75	22.17	30	PASS
				RB38#0	19.5	21.17	30	PASS
				RB38#19	19.5	21.05	30	PASS
				RB38#39	19.42	20.92	30	PASS
		RB75#0		19.39	20.78	30	PASS	
		HCH	RB1#0	20.52	21.85	30	PASS	
			RB1#38	20.77	22.17	30	PASS	
			RB1#74	20.58	22.26	30	PASS	
			RB38#0	19.57	21.13	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
		20		RB38#19	19.64	21.03	30	PASS
				RB38#39	19.62	20.95	30	PASS
				RB75#0	19.52	21.17	30	PASS
			LCH	RB1#0	20.94	22.38	30	PASS
				RB1#50	20.98	22.59	30	PASS
				RB1#99	20.64	22.30	30	PASS
				RB50#0	19.71	21.09	30	PASS
				RB50#25	19.65	20.98	30	PASS
				RB50#50	19.61	21.24	30	PASS
		RB100#0		19.61	21.17	30	PASS	
		MCH	RB1#0	20.86	22.27	30	PASS	
			RB1#50	20.81	22.25	30	PASS	
			RB1#99	20.82	22.26	30	PASS	
			RB50#0	19.56	20.86	30	PASS	
			RB50#25	19.44	21.06	30	PASS	
			RB50#50	19.42	20.77	30	PASS	
			RB100#0	19.47	21.13	30	PASS	
		HCH	RB1#0	20.83	22.22	30	PASS	
			RB1#50	20.9	22.44	30	PASS	
			RB1#99	20.81	22.12	30	PASS	
			RB50#0	19.48	21.11	30	PASS	
RB50#25	19.49		21.16	30	PASS			
RB50#50	19.5		21.14	30	PASS			
RB100#0	19.56		21.10	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:

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

SET RBW = 1% of the OBW, not to exceed 1MHz

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

SET Sweep time = auto - couple.

Detector: RMS



2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	4.14	13	PASS
				RB1#3	4.09	13	PASS
				RB1#5	4.08	13	PASS
				RB3#0	4.7	13	PASS
				RB3#2	4.61	13	PASS
				RB3#3	4.66	13	PASS
			RB6#0	5.51	13	PASS	
			MCH	RB1#0	4.62	13	PASS
				RB1#3	4.54	13	PASS
				RB1#5	4.65	13	PASS
				RB3#0	5.34	13	PASS
				RB3#2	5.42	13	PASS
				RB3#3	5.34	13	PASS
			HCH	RB6#0	5.89	13	PASS
				RB1#0	4.63	13	PASS
				RB1#3	4.63	13	PASS
				RB1#5	4.64	13	PASS
				RB3#0	5.18	13	PASS
		RB3#2		5.08	13	PASS	
		3	LCH	RB3#3	5.14	13	PASS
				RB6#0	5.65	13	PASS
				RB1#0	4.12	13	PASS
				RB1#7	4	13	PASS
				RB1#14	4	13	PASS
				RB8#0	5.28	13	PASS
			MCH	RB8#4	5.13	13	PASS
				RB8#7	5.15	13	PASS
				RB15#0	5.89	13	PASS
				RB1#0	4.64	13	PASS
				RB1#7	4.71	13	PASS
RB1#14	4.72			13	PASS		
RB8#0	5.93	13	PASS				
RB8#4	5.92	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.96	13	PASS
				RB15#0	5.72	13	PASS
			HCH	RB1#0	4.74	13	PASS
				RB1#7	4.69	13	PASS
				RB1#14	4.75	13	PASS
				RB8#0	5.31	13	PASS
				RB8#4	5.35	13	PASS
				RB8#7	5.37	13	PASS
		RB15#0	5.37	13	PASS		
		5	LCH	RB1#0	4.2	13	PASS
				RB1#13	4.01	13	PASS
				RB1#24	4.13	13	PASS
				RB12#0	5.27	13	PASS
				RB12#6	5.11	13	PASS
				RB12#13	5.25	13	PASS
				RB25#0	5.67	13	PASS
			MCH	RB1#0	4.81	13	PASS
				RB1#13	4.72	13	PASS
				RB1#24	4.85	13	PASS
				RB12#0	6.01	13	PASS
				RB12#6	5.98	13	PASS
				RB12#13	6.05	13	PASS
				RB25#0	6.15	13	PASS
		HCH	RB1#0	4.86	13	PASS	
			RB1#13	4.62	13	PASS	
			RB1#24	4.69	13	PASS	
			RB12#0	5.59	13	PASS	
			RB12#6	5.53	13	PASS	
			RB12#13	5.69	13	PASS	
			RB25#0	6.19	13	PASS	
		10	LCH	RB1#0	4.09	13	PASS
				RB1#25	3.87	13	PASS
RB1#49	4.14			13	PASS		
RB25#0	5.43			13	PASS		
RB25#13	5.28			13	PASS		
RB25#25	5.4			13	PASS		
RB50#0	5.76			13	PASS		
MCH	RB1#0		4.45	13	PASS		
RB1#25	4.53	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.61	13	PASS
				RB25#0	6.15	13	PASS
				RB25#13	6.07	13	PASS
				RB25#25	6.17	13	PASS
				RB50#0	6.27	13	PASS
			HCH	RB1#0	4.85	13	PASS
				RB1#25	4.63	13	PASS
				RB1#49	4.83	13	PASS
				RB25#0	5.82	13	PASS
				RB25#13	5.65	13	PASS
				RB25#25	5.83	13	PASS
			LCH	RB50#0	6.15	13	PASS
				RB1#0	4.08	13	PASS
				RB1#38	3.84	13	PASS
				RB1#74	4.4	13	PASS
		RB38#0		5.46	13	PASS	
		RB38#19		5.37	13	PASS	
		RB38#39		5.74	13	PASS	
		MCH	RB75#0	6.12	13	PASS	
			RB1#0	4.53	13	PASS	
			RB1#38	4.6	13	PASS	
			RB1#74	4.59	13	PASS	
			RB38#0	6.26	13	PASS	
			RB38#19	6.27	13	PASS	
			RB38#39	6.45	13	PASS	
		HCH	RB75#0	6.56	13	PASS	
			RB1#0	5.06	13	PASS	
			RB1#38	4.69	13	PASS	
			RB1#74	4.89	13	PASS	
			RB38#0	5.9	13	PASS	
RB38#19	5.75		13	PASS			
LCH	RB38#39	5.86	13	PASS			
	RB75#0	6.5	13	PASS			
	RB1#0	4.08	13	PASS			
	RB1#50	4.17	13	PASS			
	RB1#99	4.8	13	PASS			
	RB50#0	5.52	13	PASS			
		20	LCH	RB50#25	5.54	13	PASS
				RB50#50	6.02	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB100#0	6.16	13	PASS	
			MCH	RB1#0	4.5	13	PASS	
				RB1#50	4.72	13	PASS	
				RB1#99	4.65	13	PASS	
				RB50#0	6.14	13	PASS	
				RB50#25	6.26	13	PASS	
				RB50#50	6.15	13	PASS	
				RB100#0	6.57	13	PASS	
			HCH	RB1#0	4.76	13	PASS	
				RB1#50	4.49	13	PASS	
				RB1#99	4.65	13	PASS	
				RB50#0	6.07	13	PASS	
				RB50#25	5.86	13	PASS	
				RB50#50	5.93	13	PASS	
		LTE/TM2	1.4	LCH	RB1#0	4.9	13	PASS
					RB1#3	4.99	13	PASS
					RB1#5	4.87	13	PASS
					RB3#0	5.37	13	PASS
					RB3#2	5.39	13	PASS
					RB3#3	5.39	13	PASS
					RB6#0	6.3	13	PASS
				MCH	RB1#0	5.41	13	PASS
					RB1#3	5.45	13	PASS
					RB1#5	5.43	13	PASS
					RB3#0	6.33	13	PASS
					RB3#2	6.52	13	PASS
					RB3#3	6.39	13	PASS
					RB6#0	6.74	13	PASS
			HCH	RB1#0	5.1	13	PASS	
				RB1#3	5.06	13	PASS	
RB1#5	5.18	13		PASS				
RB3#0	5.99	13		PASS				
RB3#2	6.04	13		PASS				
RB3#3	6.08	13		PASS				
RB6#0	6.63	13		PASS				
3	LCH	RB1#0	5.27	13	PASS			
		RB1#7	5.09	13	PASS			
		RB1#14	5.15	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.14	13	PASS
				RB8#4	6.01	13	PASS
				RB8#7	6.09	13	PASS
				RB15#0	6.36	13	PASS
			MCH	RB1#0	6.17	13	PASS
				RB1#7	6.18	13	PASS
				RB1#14	6.15	13	PASS
				RB8#0	6.8	13	PASS
				RB8#4	6.9	13	PASS
				RB8#7	6.96	13	PASS
			HCH	RB15#0	6.4	13	PASS
				RB1#0	5.45	13	PASS
				RB1#7	5.33	13	PASS
				RB1#14	5.43	13	PASS
				RB8#0	6.33	13	PASS
				RB8#4	6.24	13	PASS
		5	LCH	RB8#7	6.35	13	PASS
				RB15#0	6.42	13	PASS
				RB1#0	5.17	13	PASS
				RB1#13	4.95	13	PASS
				RB1#24	4.91	13	PASS
				RB12#0	6.1	13	PASS
				RB12#6	5.98	13	PASS
				RB12#13	5.94	13	PASS
			MCH	RB25#0	6.47	13	PASS
				RB1#0	5.58	13	PASS
				RB1#13	5.5	13	PASS
				RB1#24	5.67	13	PASS
				RB12#0	6.97	13	PASS
				RB12#6	6.87	13	PASS
				RB12#13	6.84	13	PASS
			HCH	RB25#0	6.99	13	PASS
RB1#0	5.2	13		PASS			
RB1#13	5.23	13		PASS			
RB1#24	5.28	13		PASS			
RB12#0	6.41	13		PASS			
RB12#6	6.41	13		PASS			
				RB12#13	6.52	13	PASS
				RB25#0	6.74	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.09	13	PASS
				RB1#25	4.83	13	PASS
				RB1#49	5.17	13	PASS
				RB25#0	6.28	13	PASS
				RB25#13	6.09	13	PASS
				RB25#25	6.2	13	PASS
				RB50#0	6.64	13	PASS
			MCH	RB1#0	5.74	13	PASS
				RB1#25	5.81	13	PASS
				RB1#49	5.82	13	PASS
				RB25#0	7.01	13	PASS
				RB25#13	7.1	13	PASS
				RB25#25	7.12	13	PASS
				RB50#0	7.19	13	PASS
		HCH	RB1#0	5.41	13	PASS	
			RB1#25	5.01	13	PASS	
			RB1#49	5.53	13	PASS	
			RB25#0	6.75	13	PASS	
			RB25#13	6.7	13	PASS	
			RB25#25	6.7	13	PASS	
		15	LCH	RB1#0	0	13	PASS
				RB1#38	5.04	13	PASS
				RB1#74	5.65	13	PASS
				RB38#0	6.41	13	PASS
				RB38#19	6.32	13	PASS
				RB38#39	6.58	13	PASS
				RB75#0	6.95	13	PASS
			MCH	RB1#0	5.32	13	PASS
RB1#38	5.19			13	PASS		
RB1#74	5.16			13	PASS		
RB38#0	6.91			13	PASS		
RB38#19	6.95			13	PASS		
RB38#39	7.06			13	PASS		
HCH	RB1#0		5.78	13	PASS		
	RB1#38	5.5	13	PASS			
	RB1#74	5.59	13	PASS			
	RB38#0	7.01	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#19	6.94	13	PASS	
				RB38#39	7	13	PASS	
				RB75#0	7.29	13	PASS	
		20	LCH	RB1#0	5.29	13	PASS	
				RB1#50	5.04	13	PASS	
				RB1#99	5.92	13	PASS	
				RB50#0	6.41	13	PASS	
				RB50#25	6.45	13	PASS	
				RB50#50	6.85	13	PASS	
				RB100#0	6.93	13	PASS	
				MCH	RB1#0	5.08	13	PASS
					RB1#50	5.55	13	PASS
					RB1#99	5.42	13	PASS
					RB50#0	7.05	13	PASS
					RB50#25	7.21	13	PASS
					RB50#50	7.19	13	PASS
					RB100#0	7.35	13	PASS
				HCH	RB1#0	5.79	13	PASS
					RB1#50	5.55	13	PASS
					RB1#99	5.57	13	PASS
					RB50#0	7.07	13	PASS
RB50#25	6.9	13	PASS					
RB50#50	6.88	13	PASS					
RB100#0	7.2	13	PASS					

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

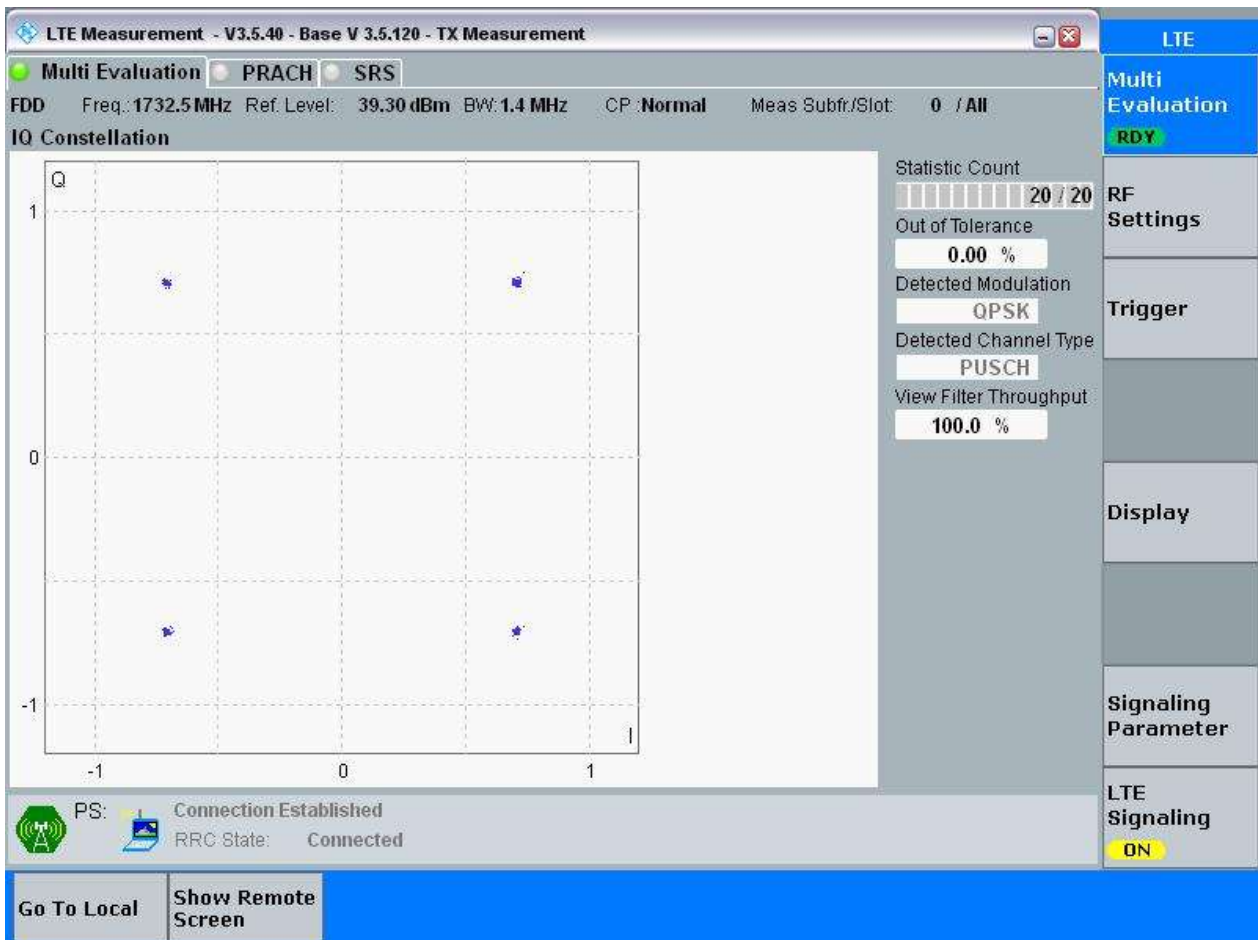
3.1.1 Test Band = BAND4

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

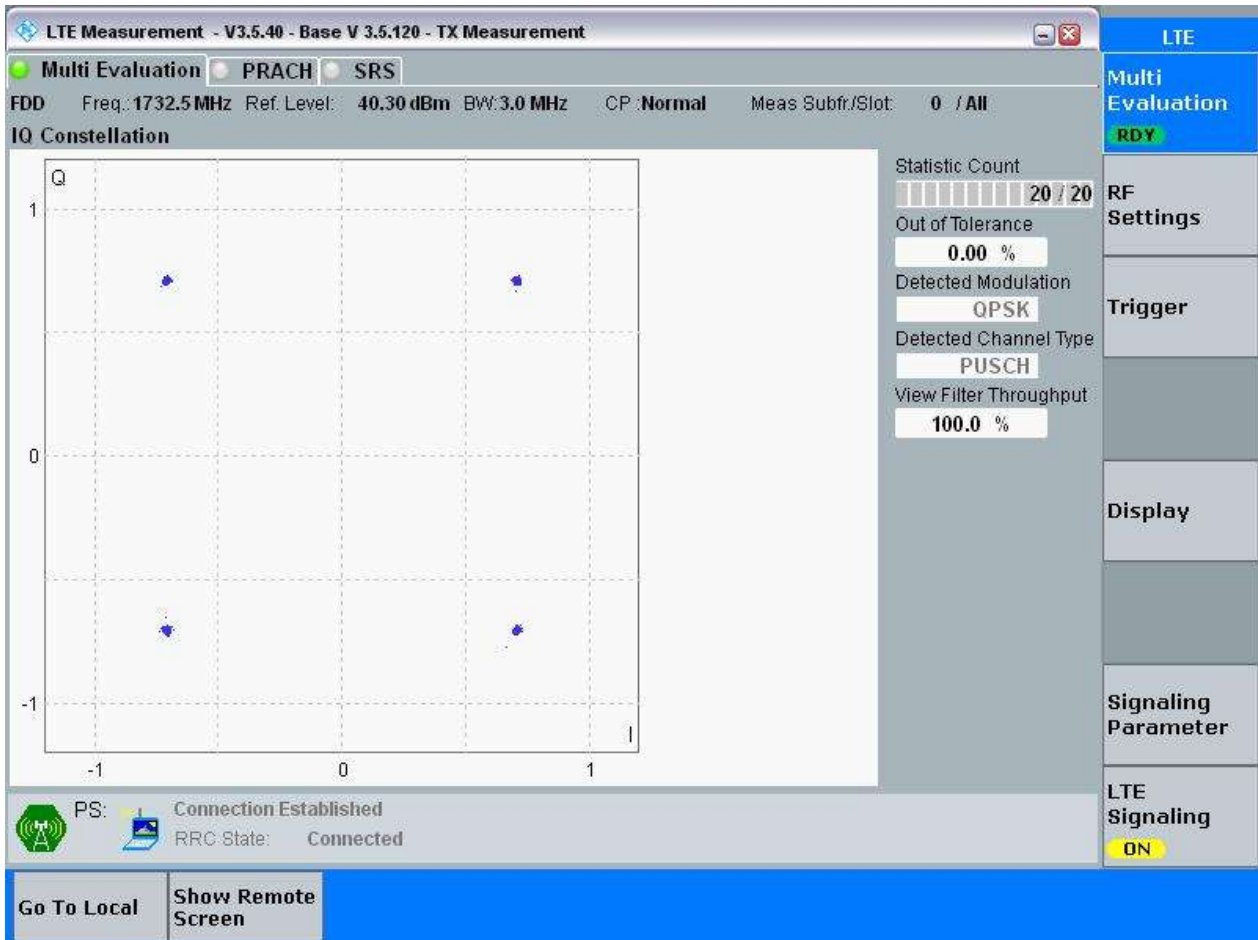
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

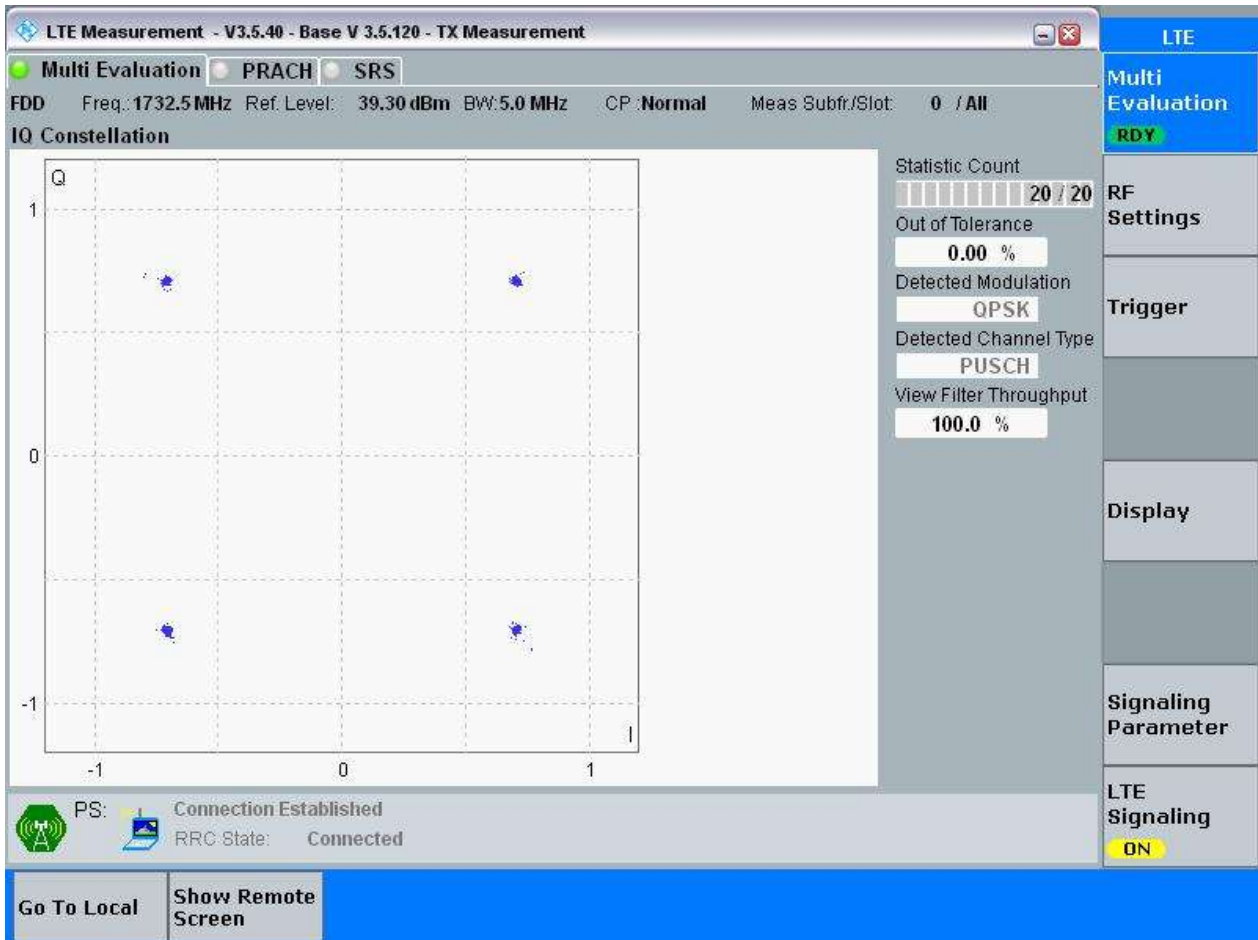
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

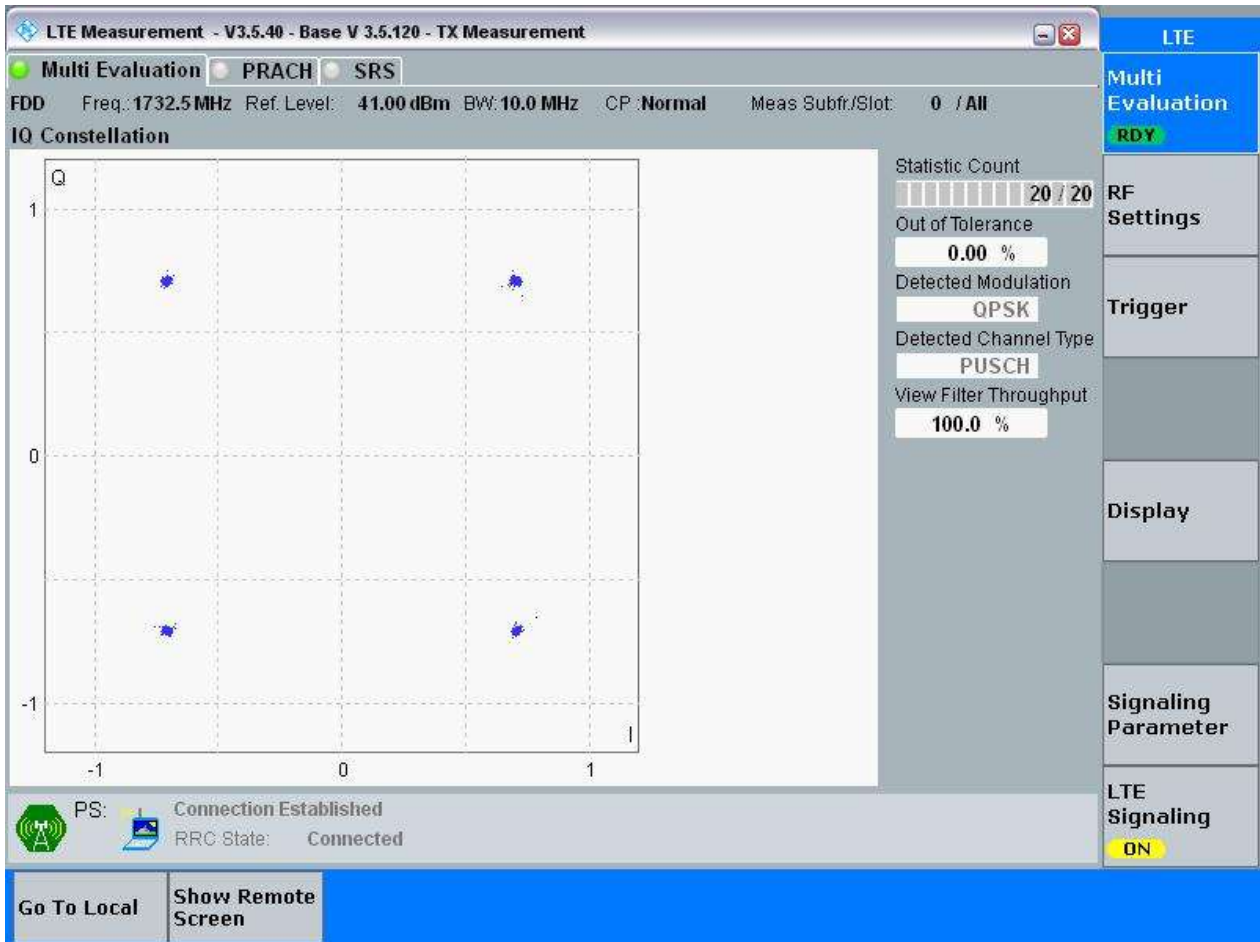
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

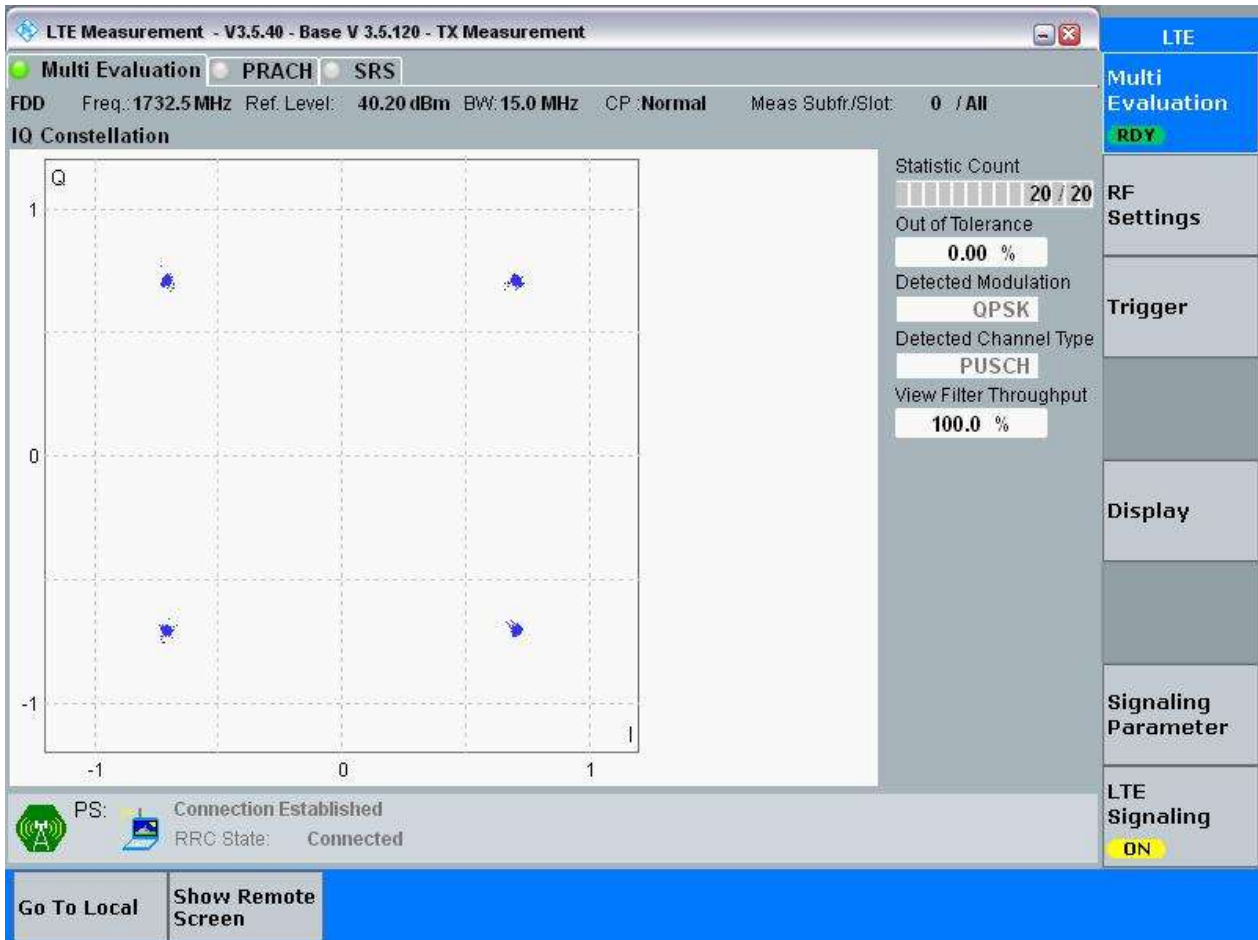
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

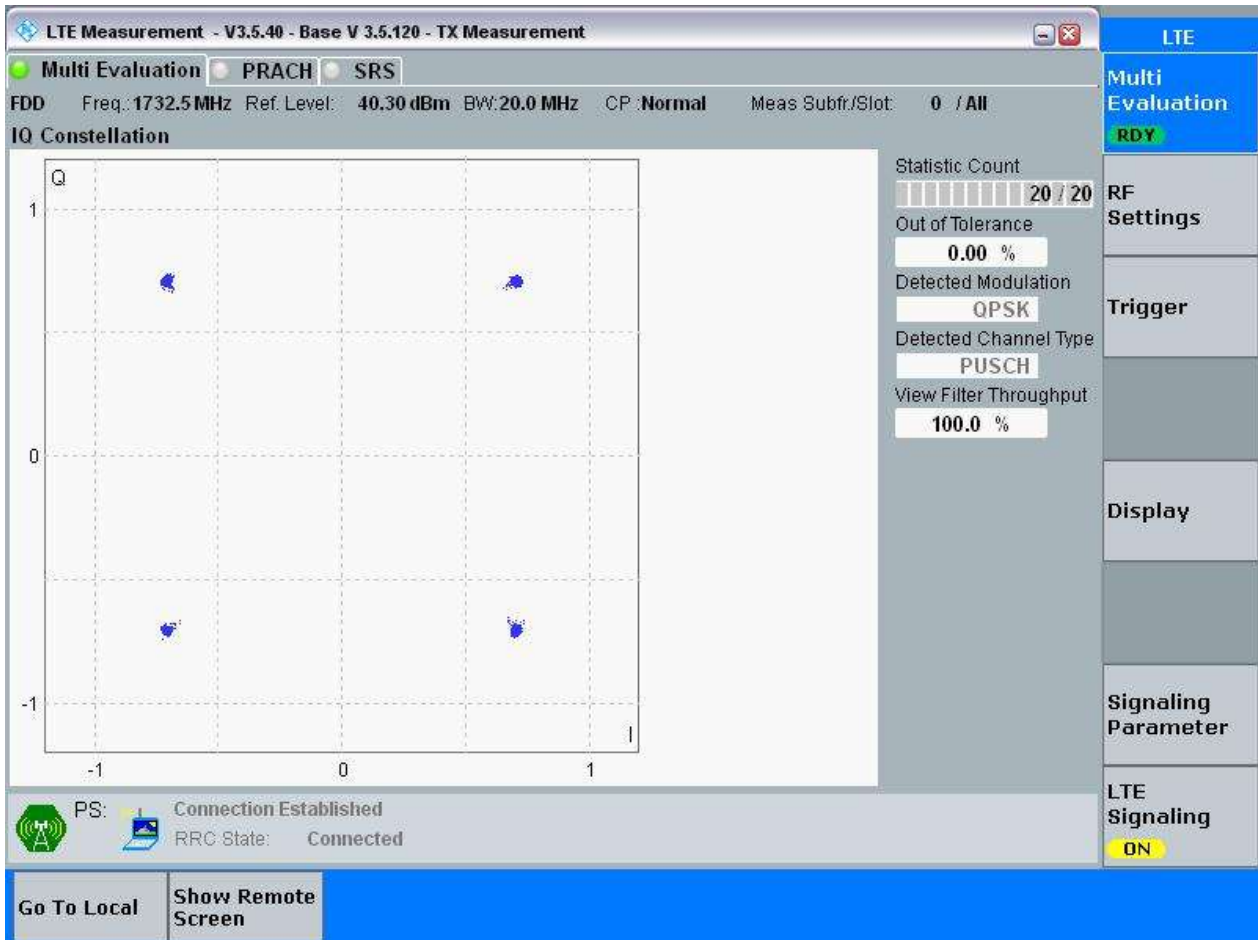
3.1.1.1.5.1.1 Test RB = RB75#0



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

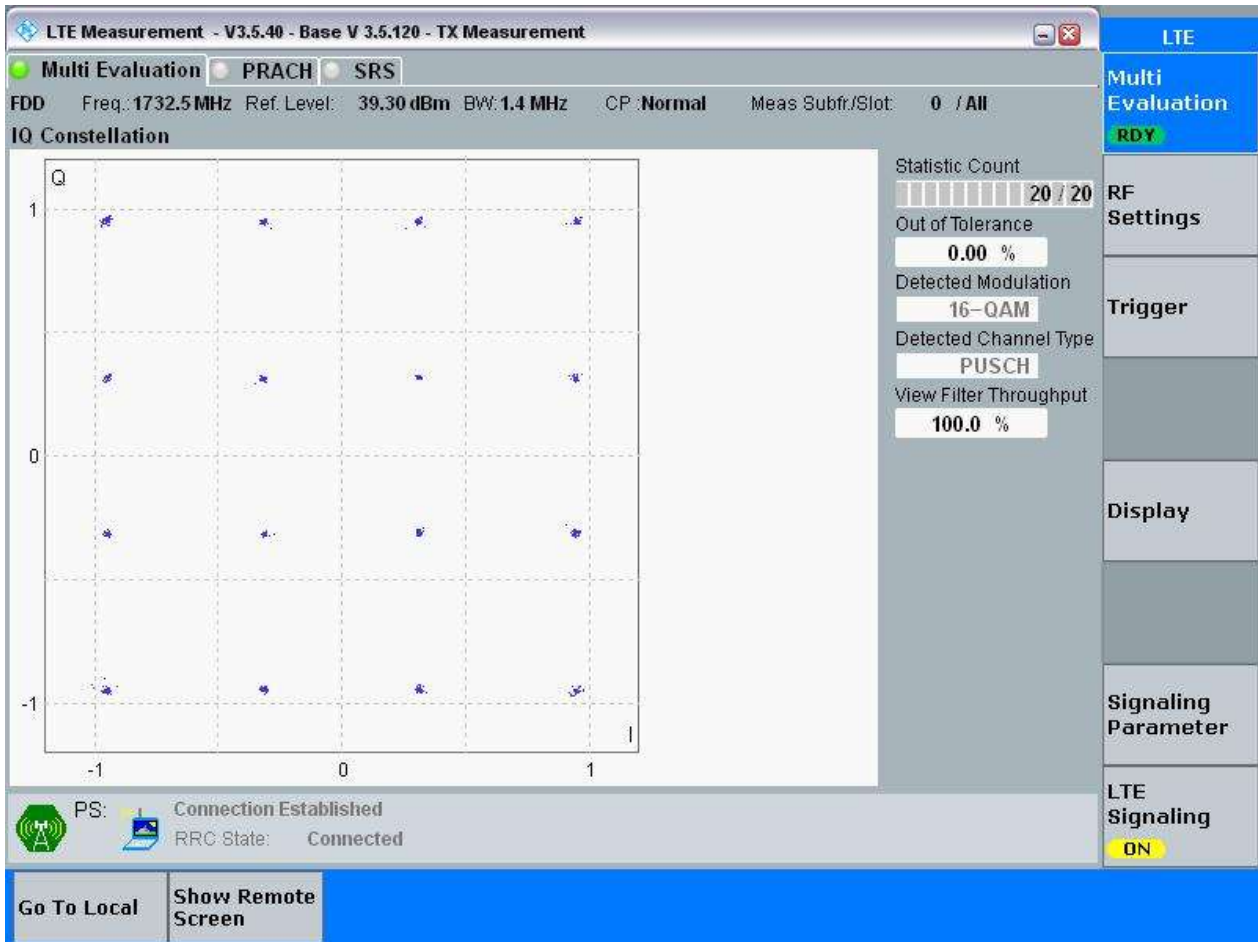


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

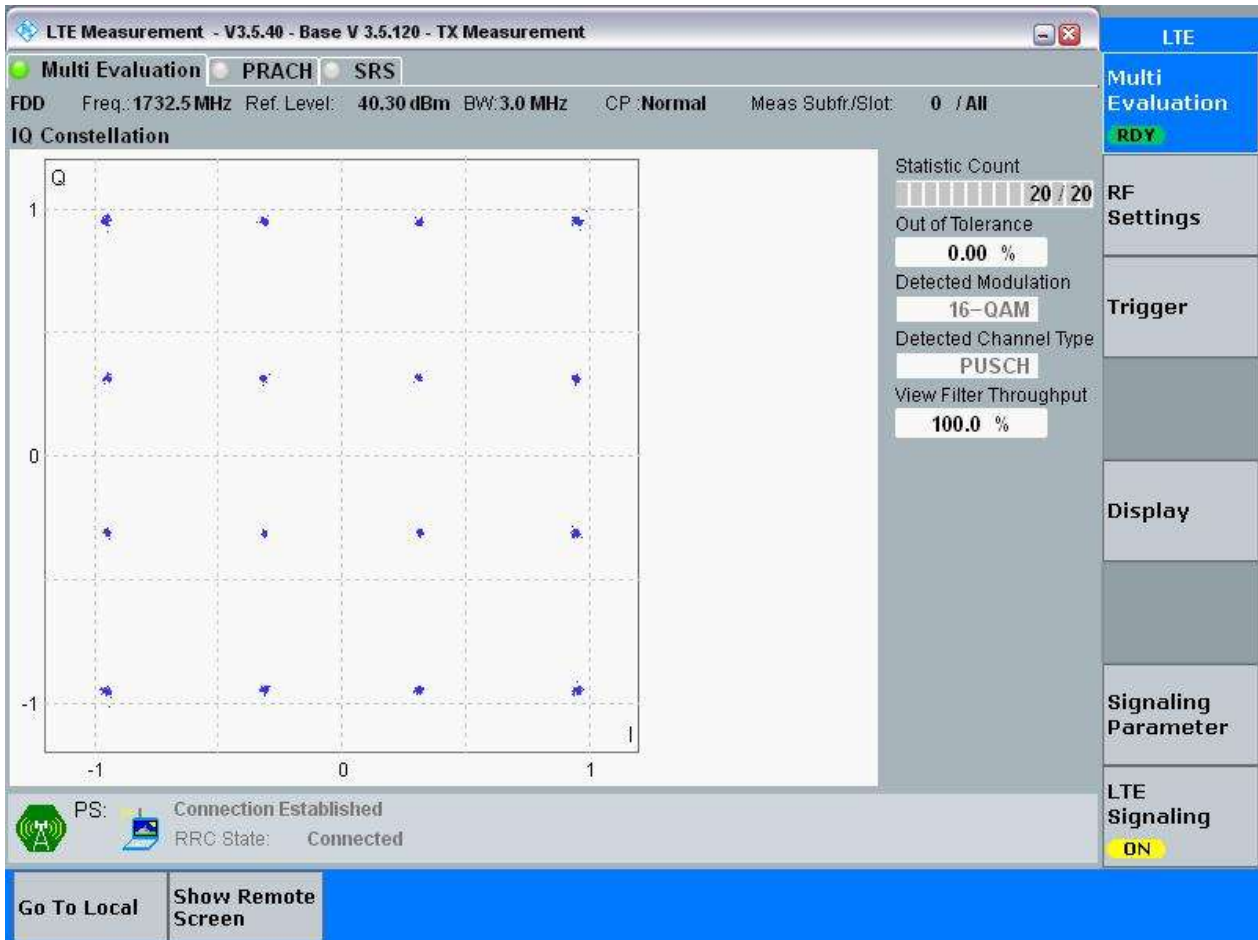
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

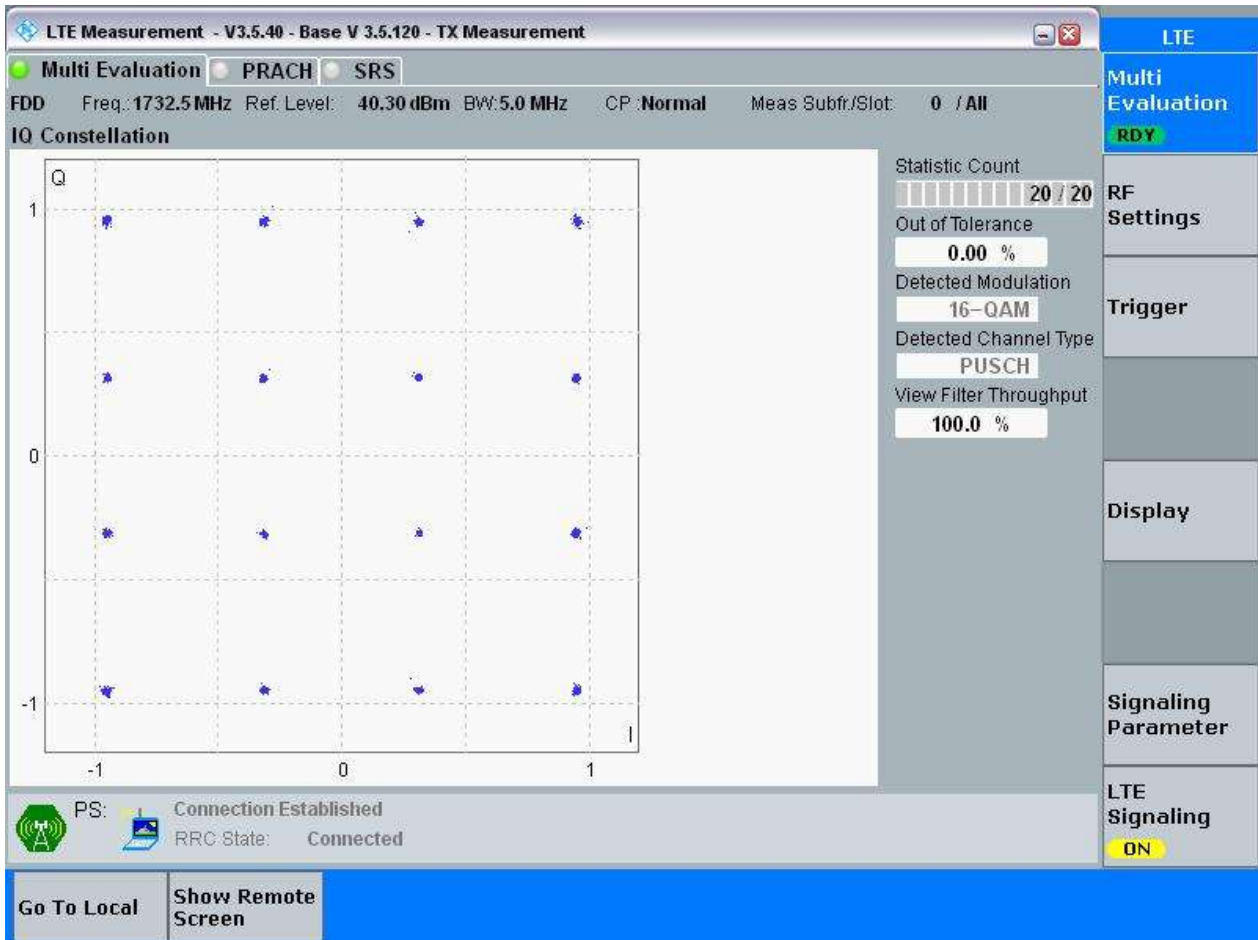
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

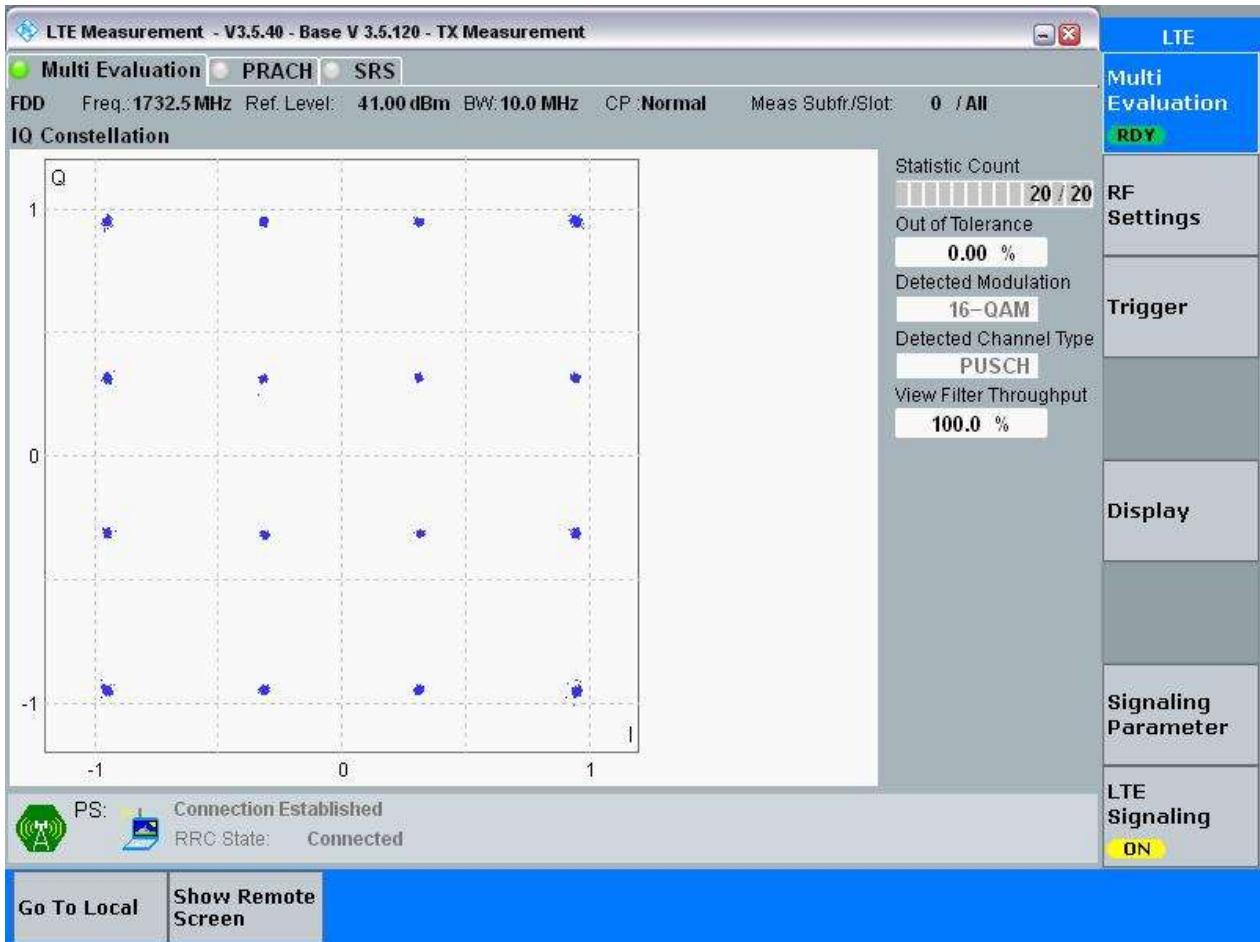
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

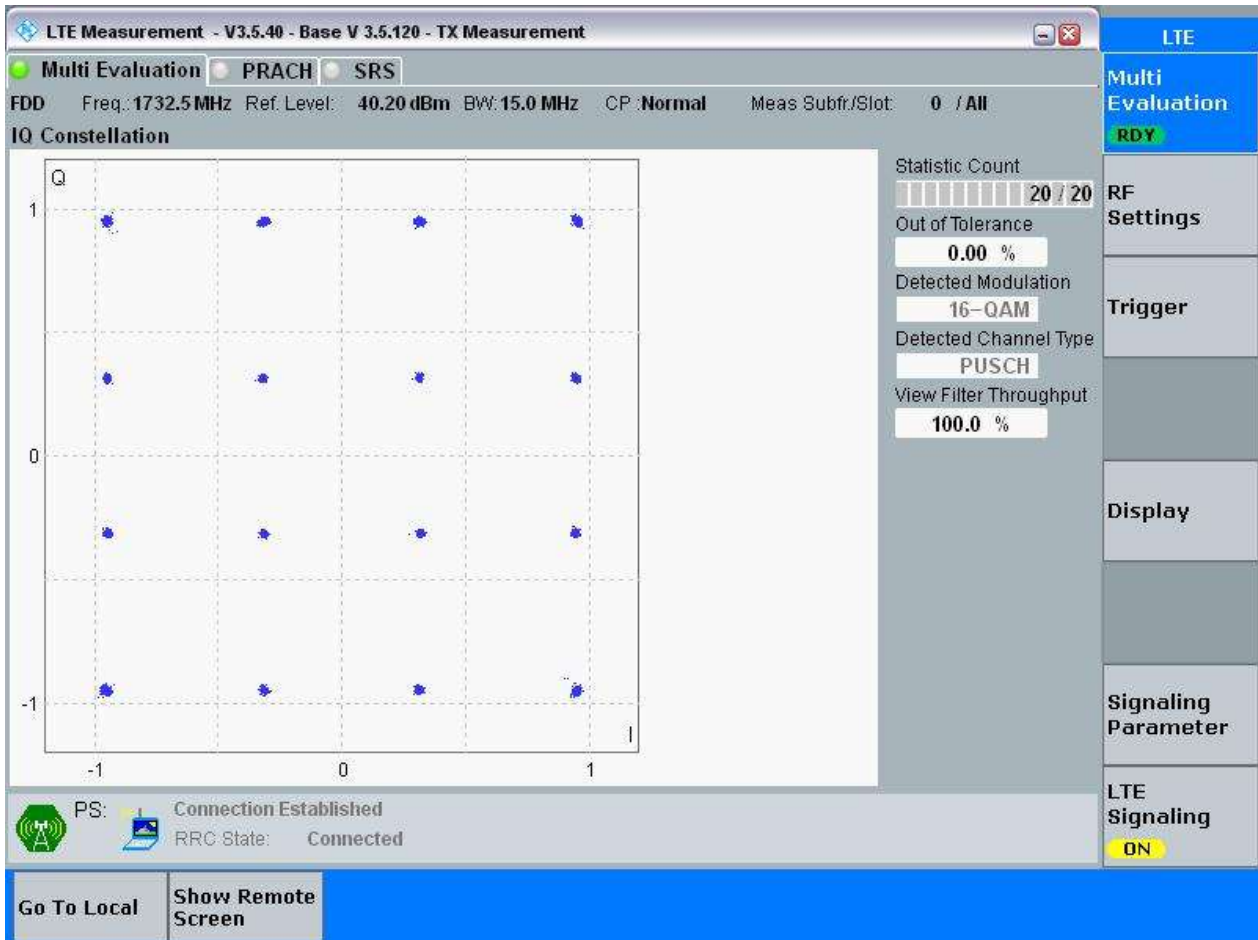
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

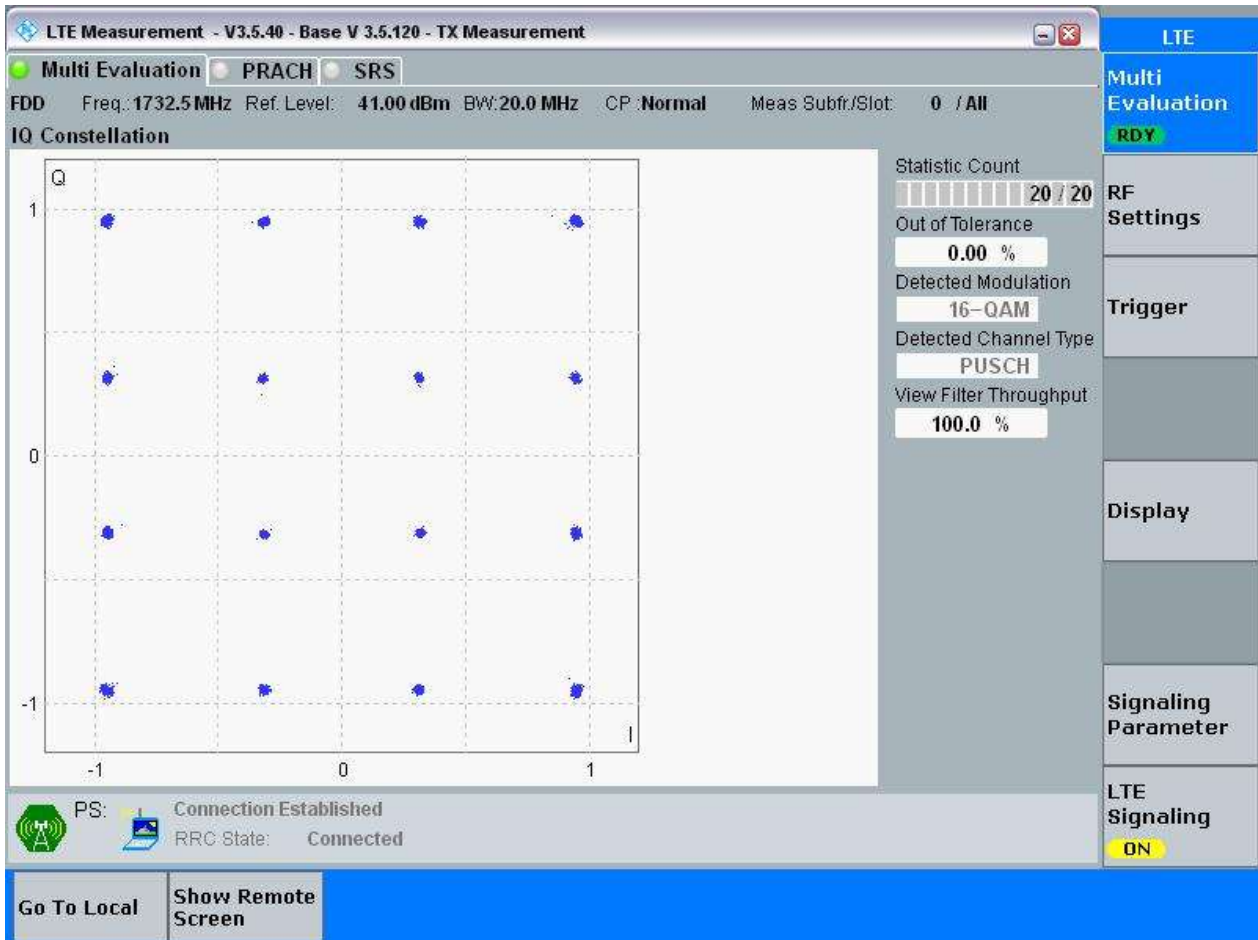
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.51	5.01	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.97	9.90	Pass
			MCH	RB50#0	9.00	9.90	Pass
			HCH	RB50#0	9.00	9.91	Pass
		15	LCH	RB75#0	13.49	15.03	Pass
			MCH	RB75#0	13.52	14.96	Pass
			HCH	RB75#0	13.51	15.00	Pass
		20	LCH	RB100#0	17.97	19.82	Pass
			MCH	RB100#0	18.01	19.78	Pass
			HCH	RB100#0	18.00	19.76	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.52	4.97	Pass
10		LCH	RB50#0	8.98	9.93	Pass	
		MCH	RB50#0	9.00	9.88	Pass	
		HCH	RB50#0	9.01	9.95	Pass	
15		LCH	RB75#0	13.51	14.94	Pass	
		MCH	RB75#0	13.50	14.95	Pass	
		HCH	RB75#0	13.51	15.02	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	17.96	19.81	Pass
			MCH	RB100#0	18.01	19.79	Pass
			HCH	RB100#0	17.97	19.79	Pass

Part II - Test Plots

4.1 For LTE

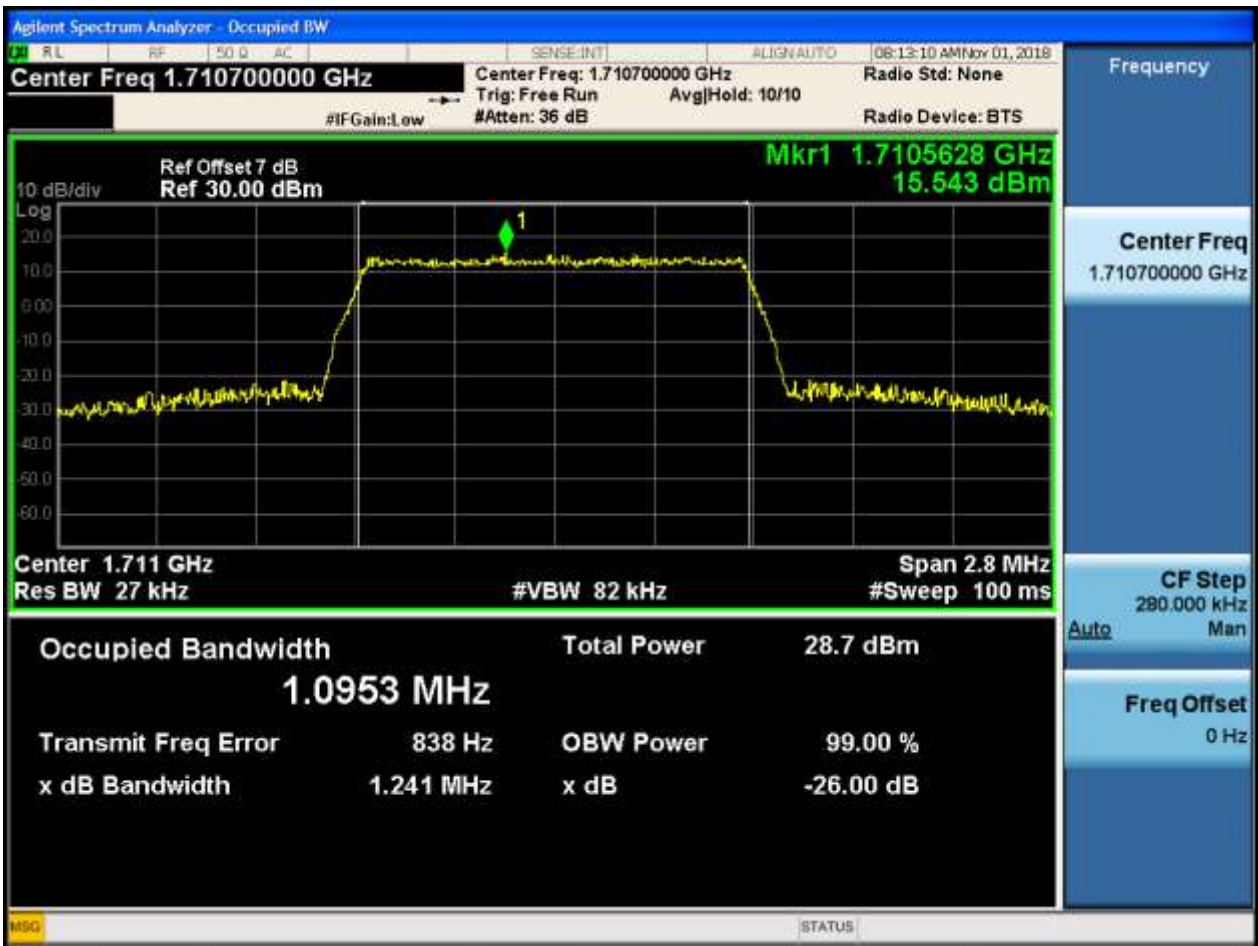
4.1.1 Test Band = BAND4

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



4.1.1.1.2 Test Channel = MCH

4.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

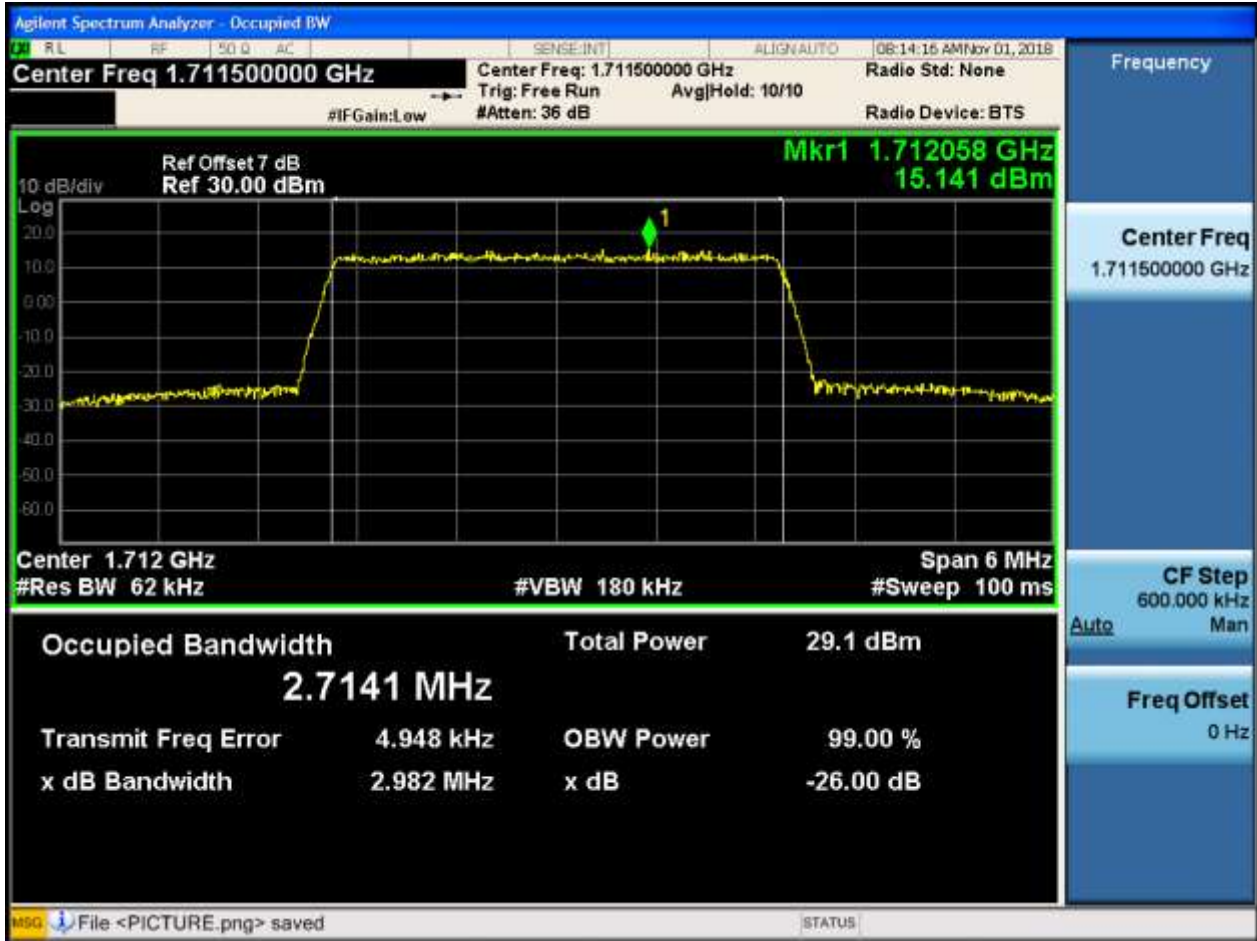




4.1.1.1.2 Test Bandwidth = 3

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

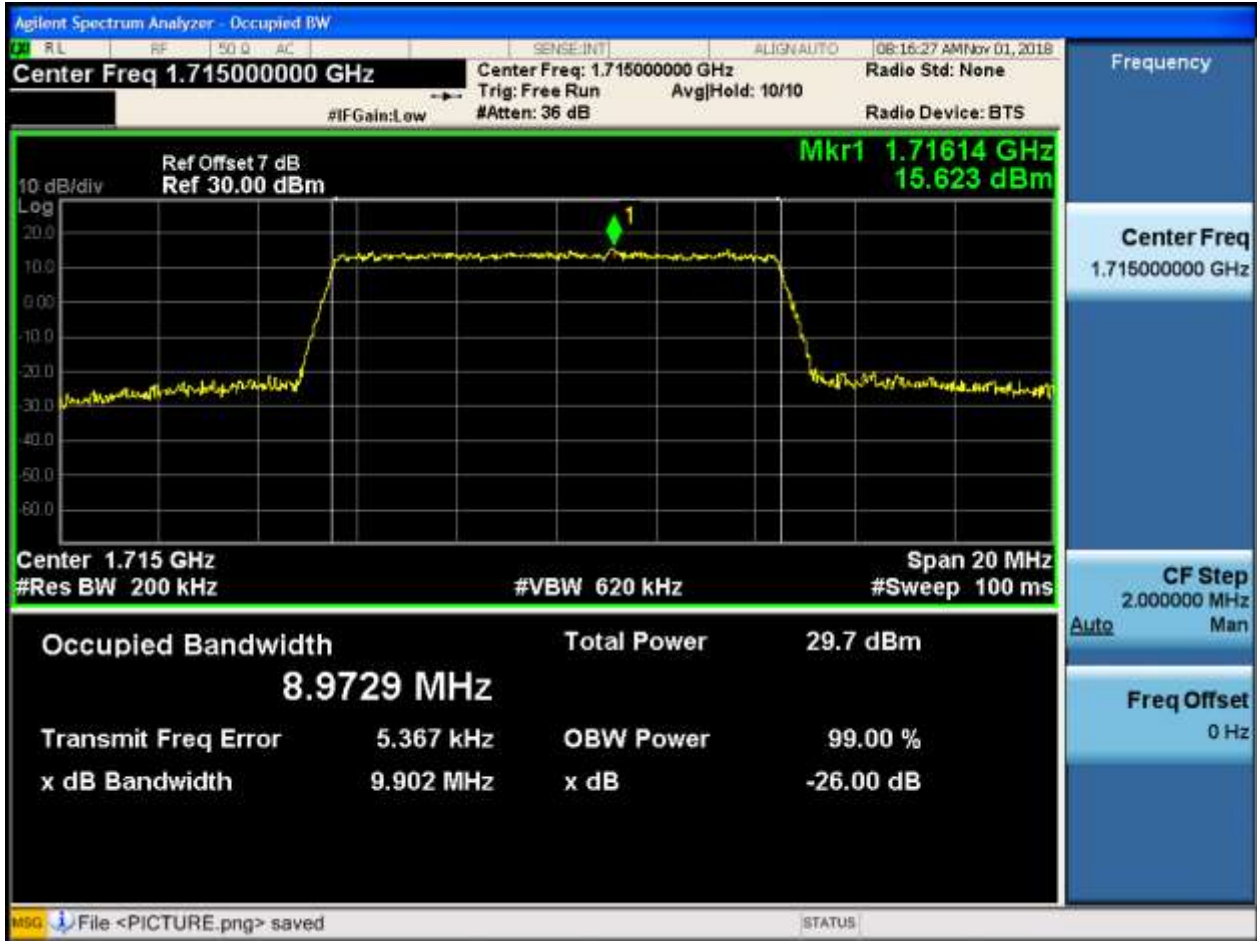




4.1.1.1.4 Test Bandwidth = 10

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

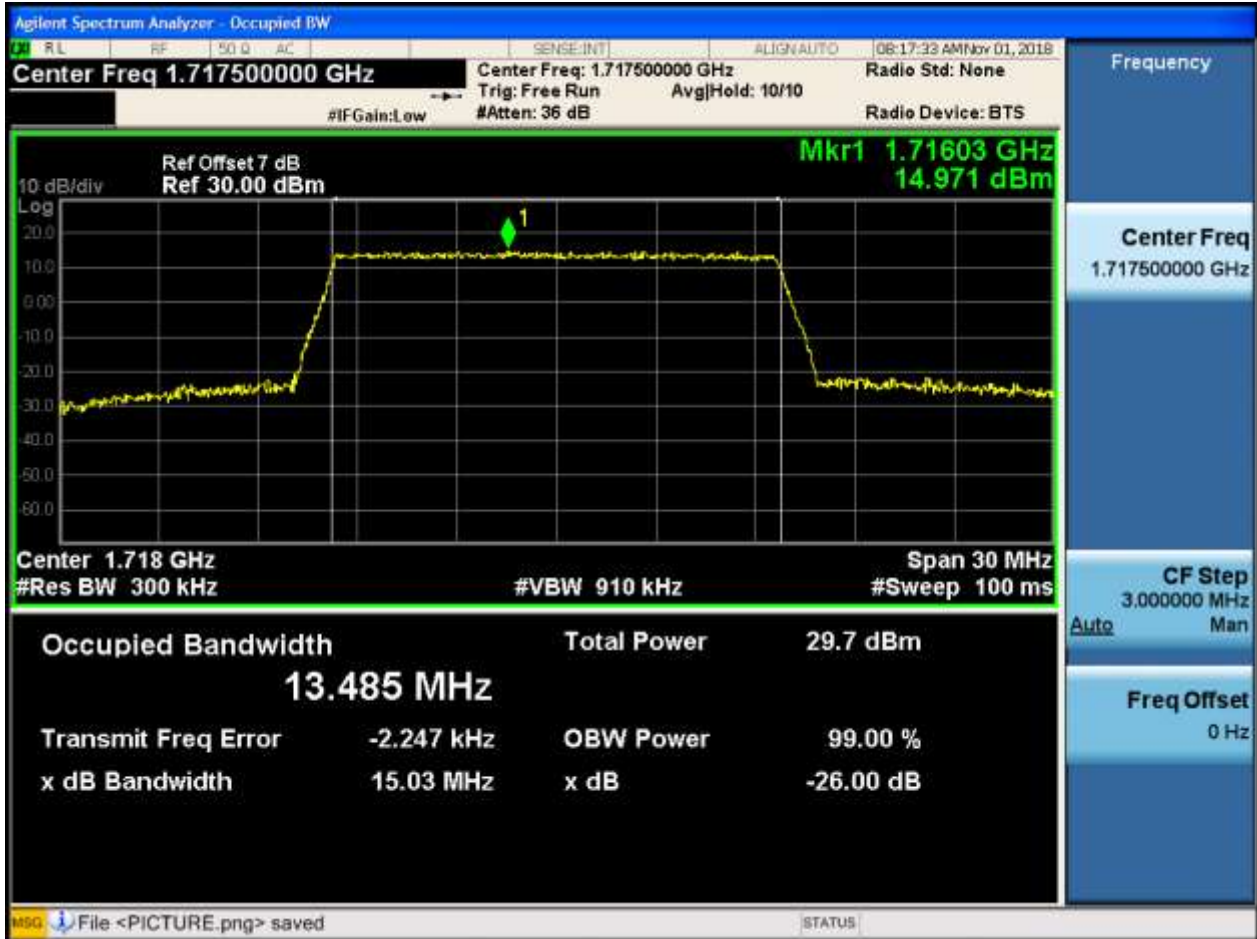
4.1.1.1.4.3.1 Test RB = RB50#0



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



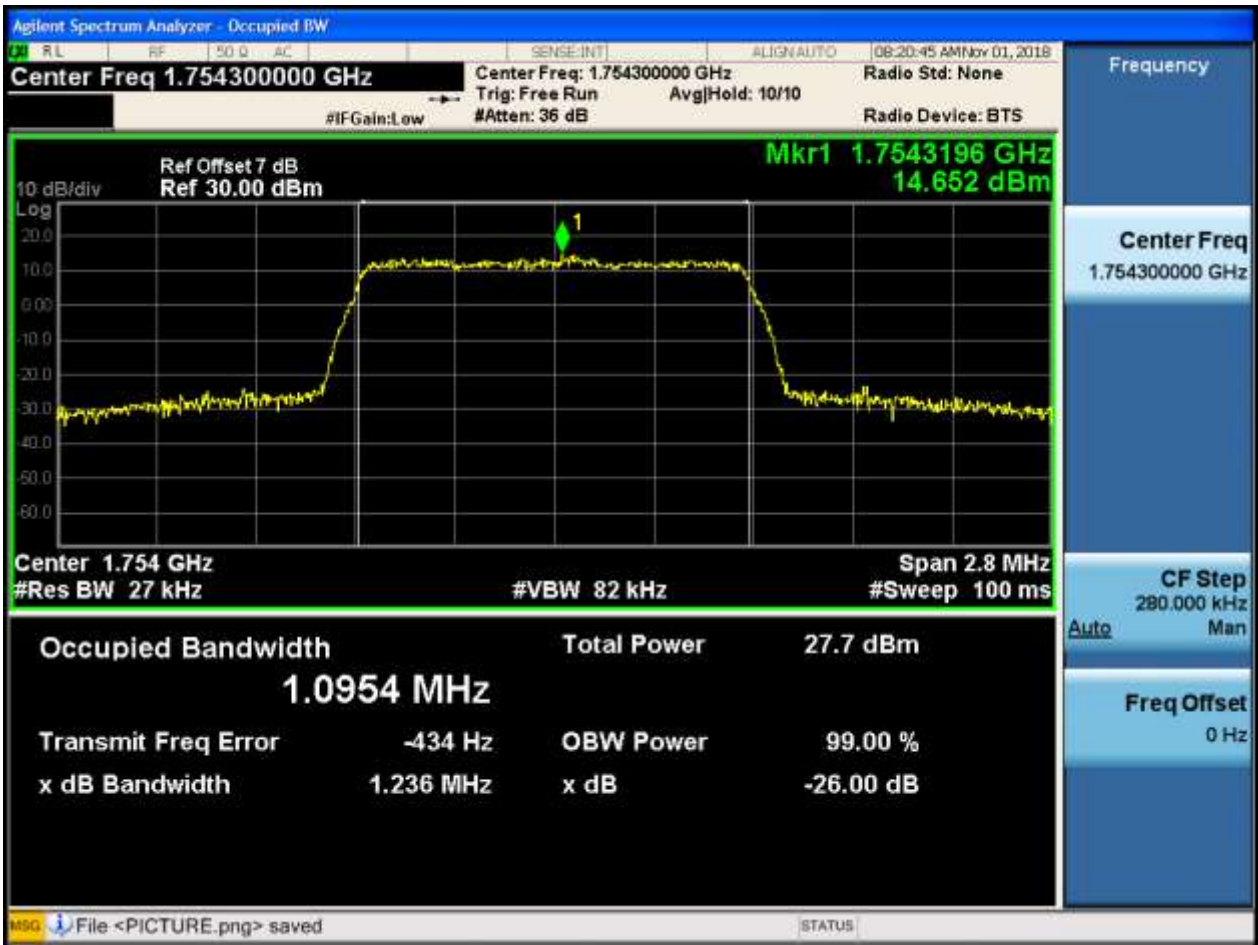
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

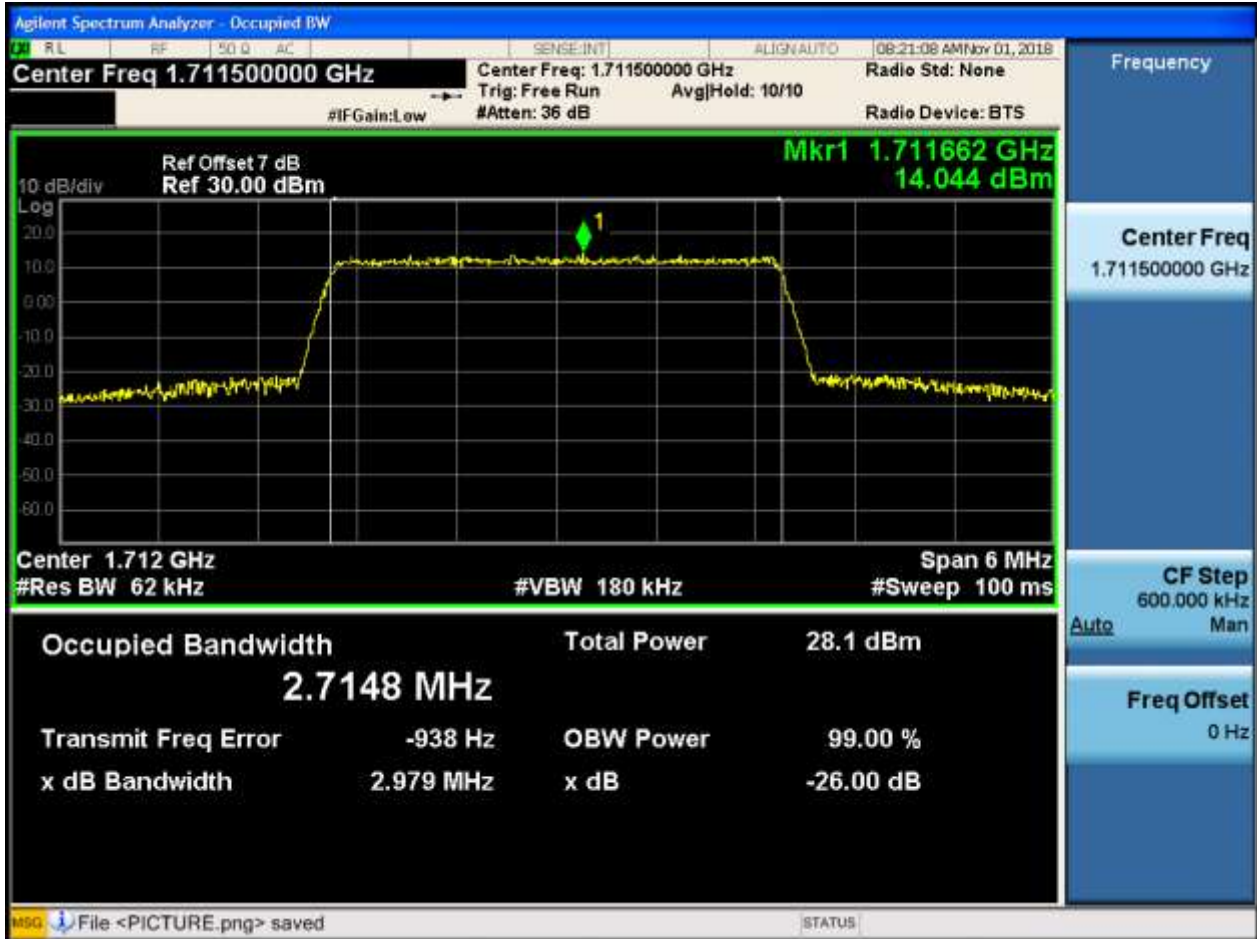
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

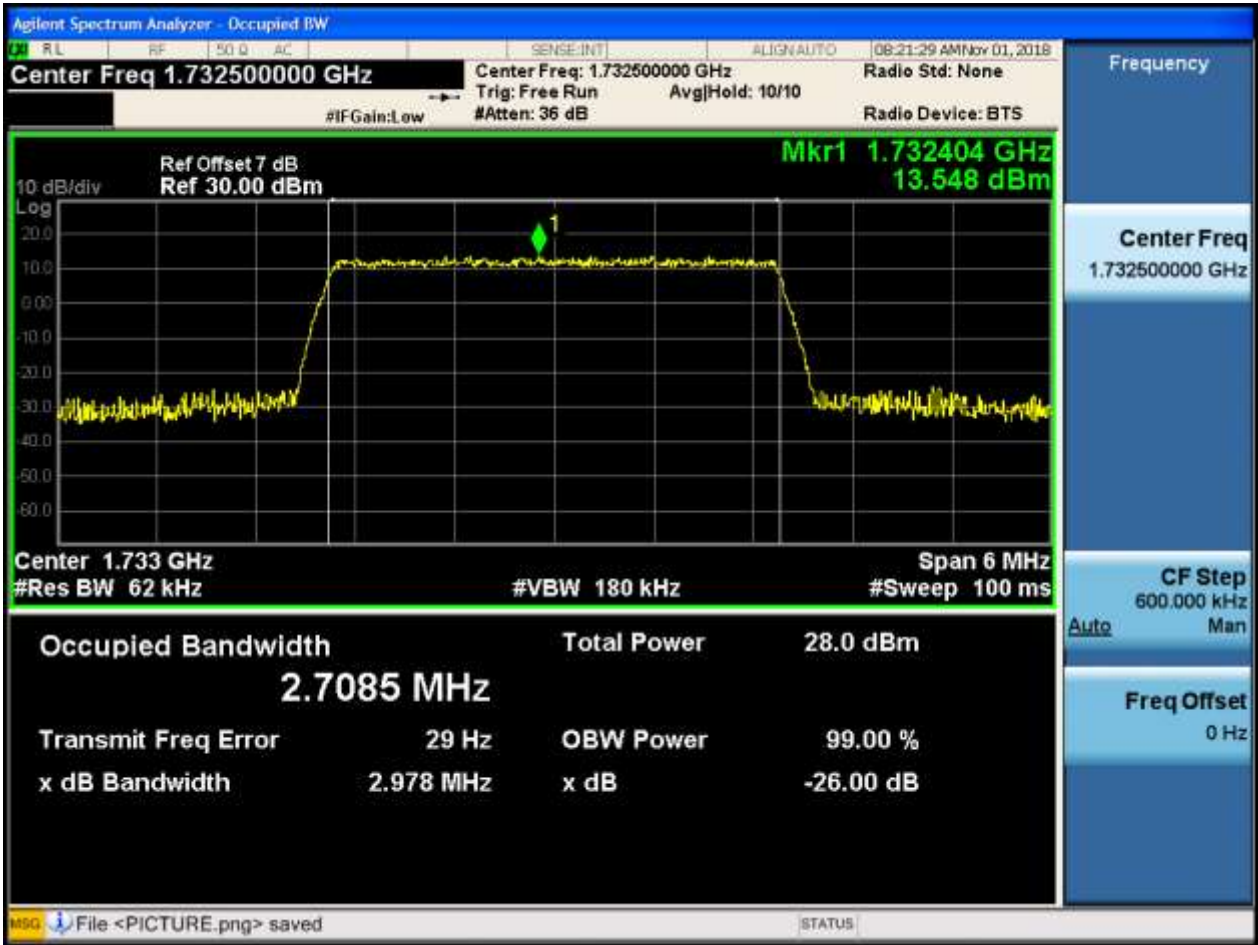
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2 Test Channel = MCH

4.1.1.2.2.1 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

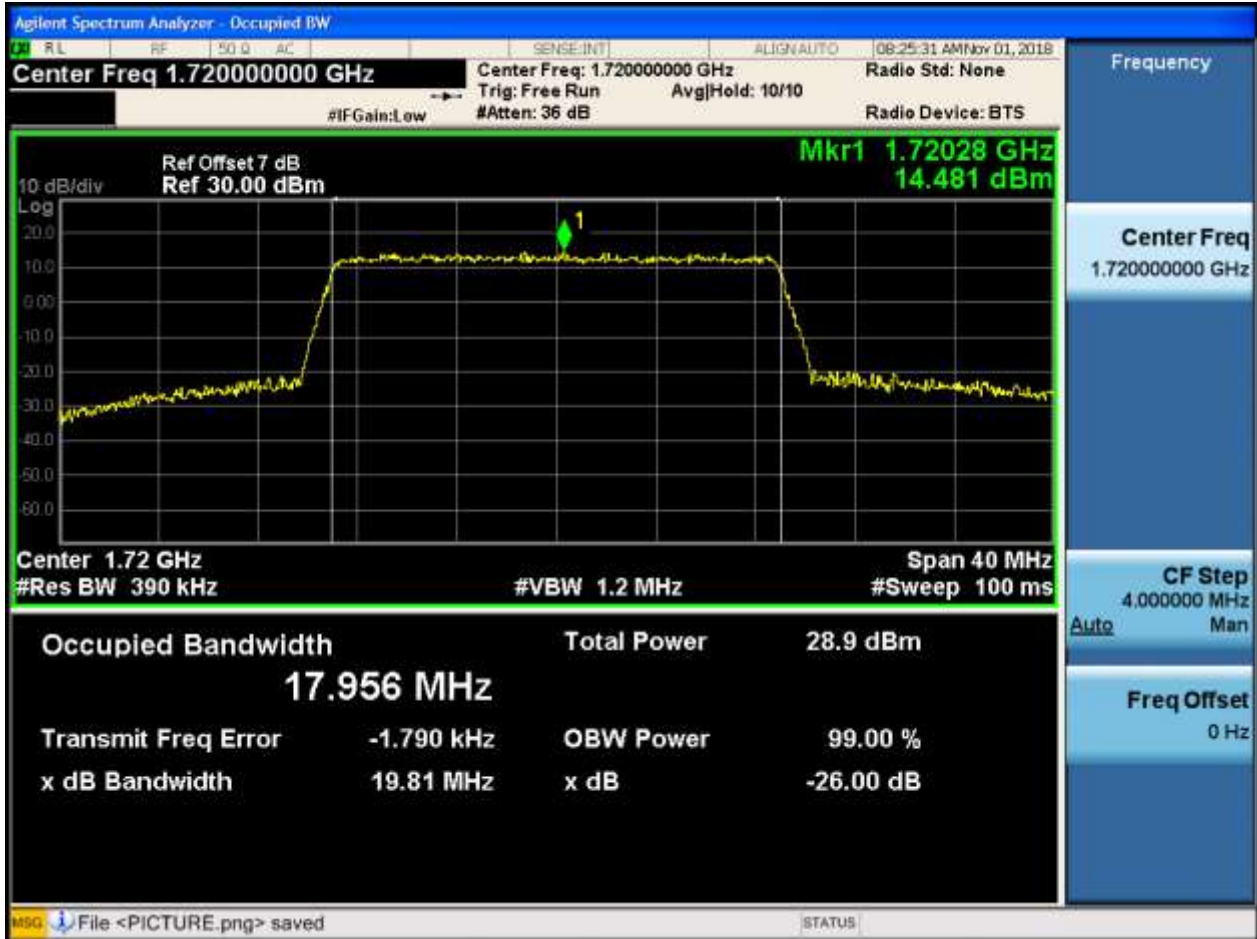




4.1.1.2.6 Test Bandwidth = 20

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





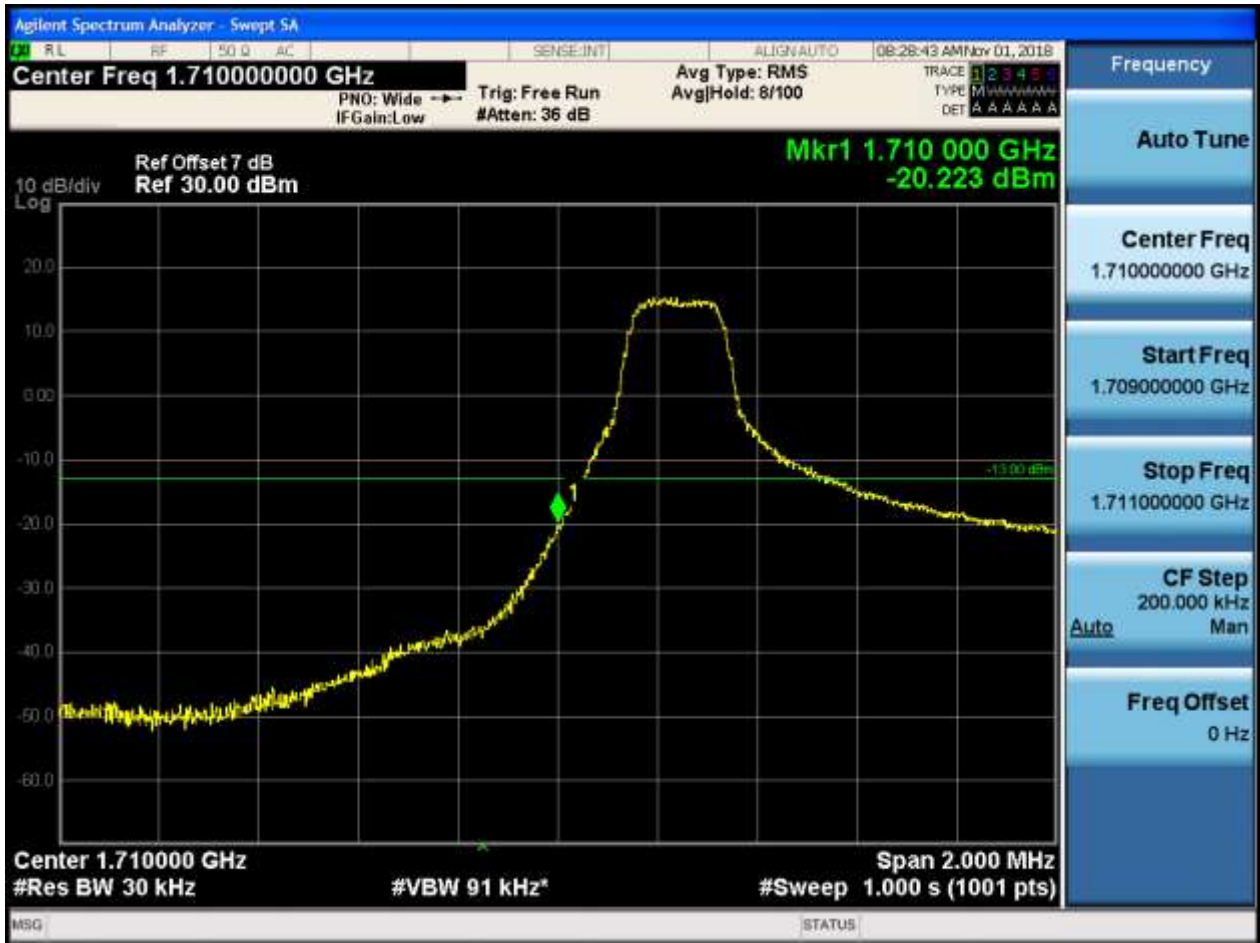
5.1.1.1.1.2.4 Test RB = RB6#0



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



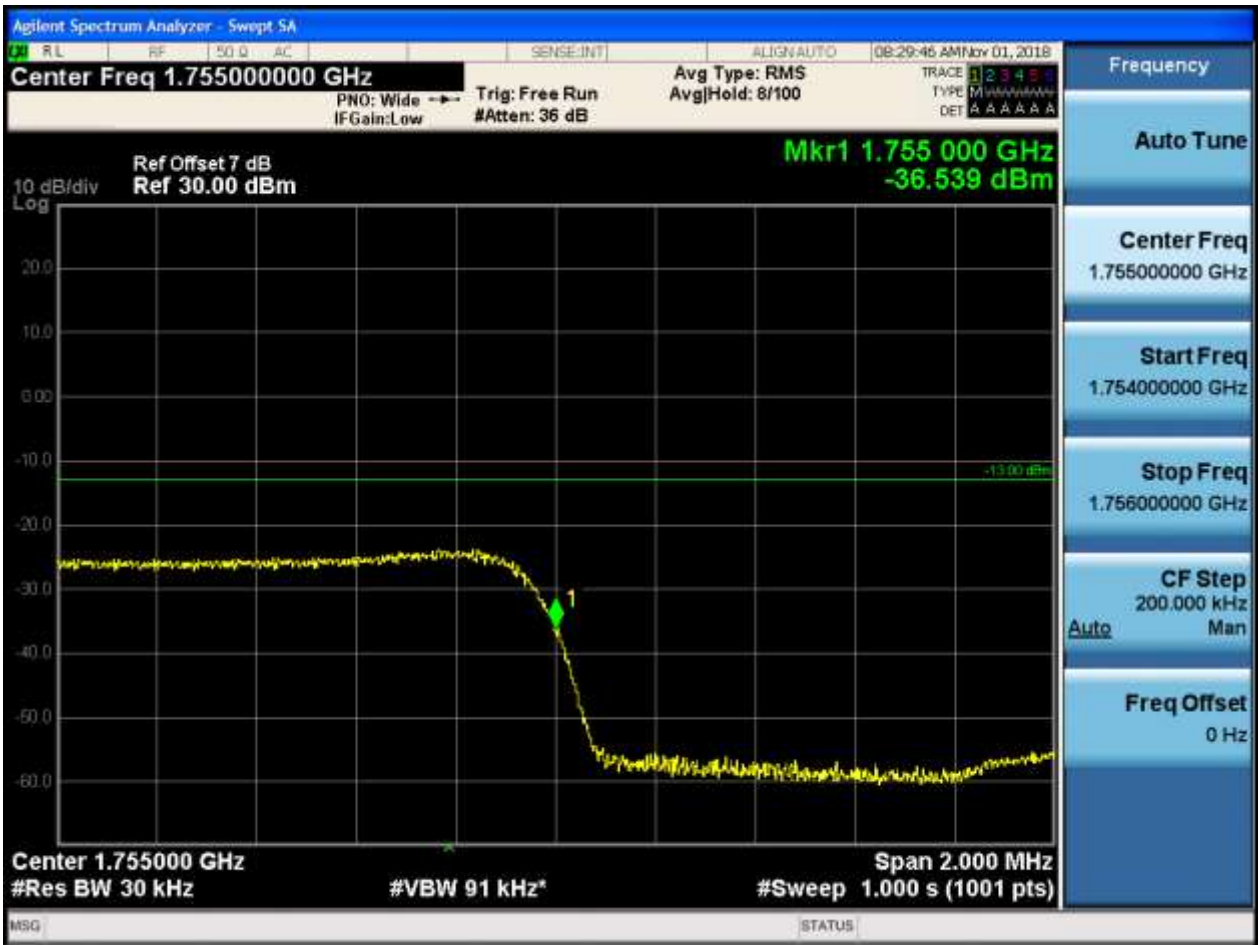


5.1.1.1.2.1.4 Test RB = RB15#0

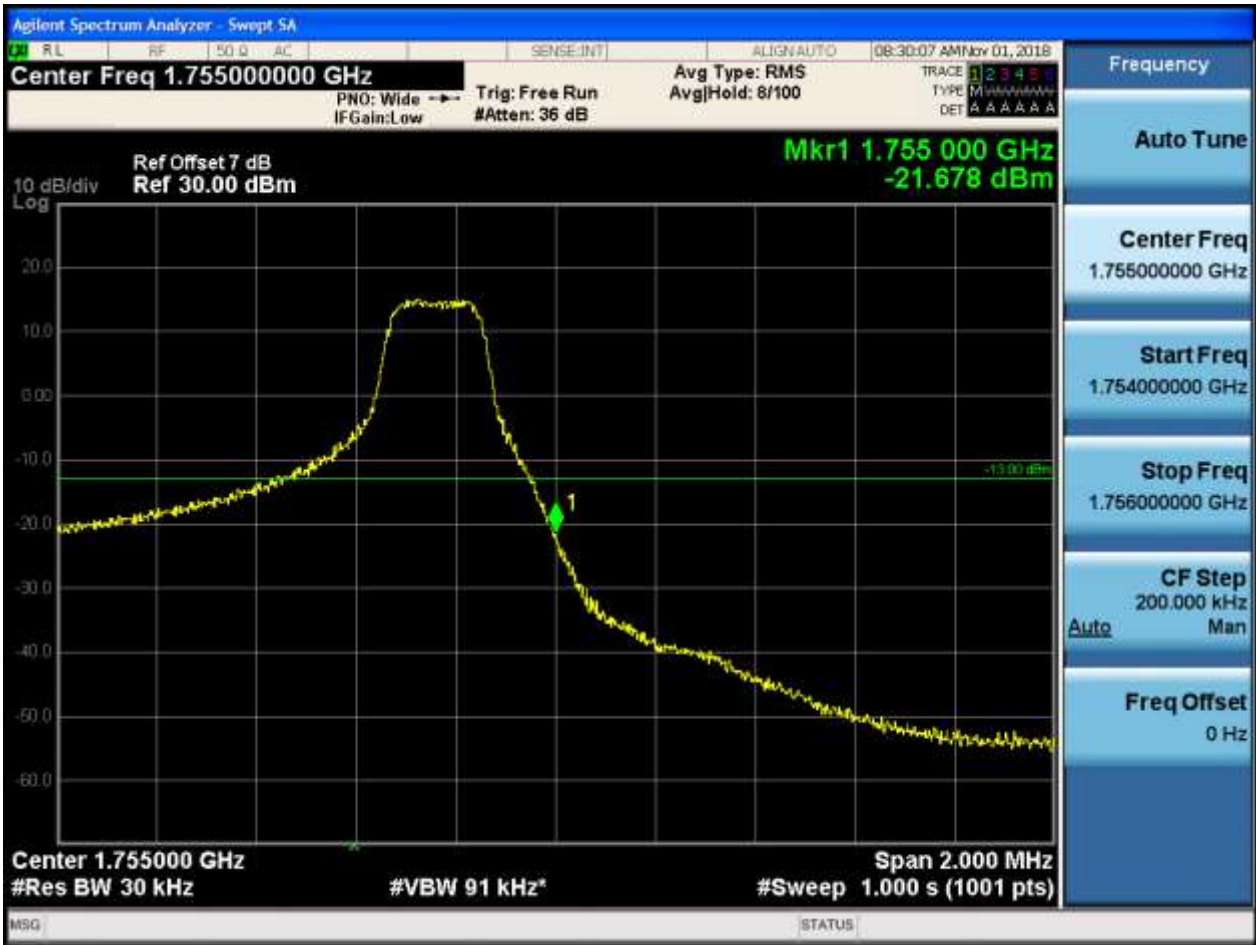


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





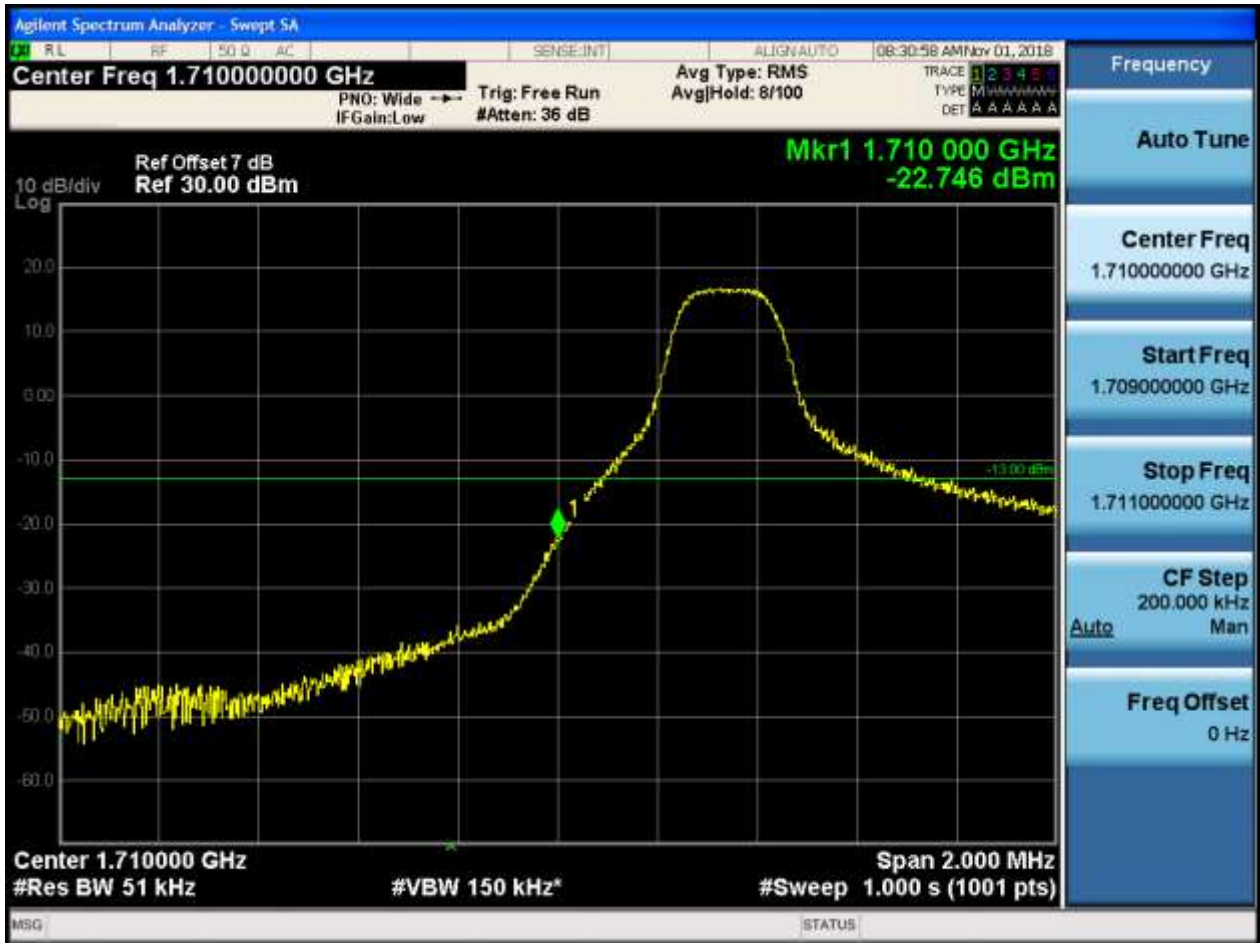
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0





5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0





5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



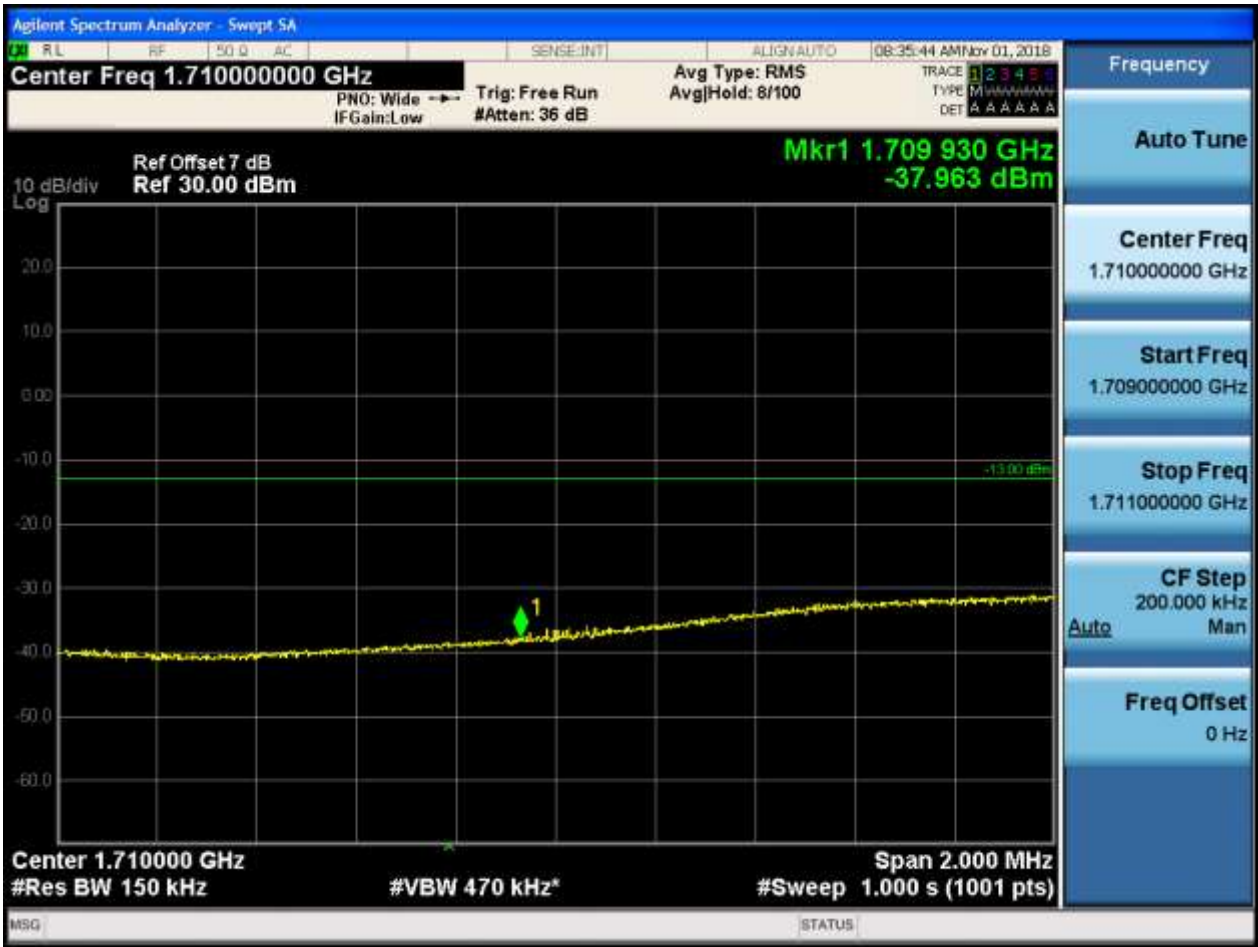


5.1.1.1.5.1.2 Test RB = RB1#74





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

