



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	23.53	21.33	30	PASS
				RB1#3	23.73	21.53	30	PASS
				RB1#5	23.65	21.45	30	PASS
				RB3#0	23.59	21.39	30	PASS
				RB3#2	23.69	21.49	30	PASS
				RB3#3	23.73	21.53	30	PASS
			RB6#0	22.61	20.41	30	PASS	
			MCH	RB1#0	23.67	21.47	30	PASS
				RB1#3	23.73	21.53	30	PASS
				RB1#5	23.73	21.53	30	PASS
				RB3#0	23.66	21.46	30	PASS
				RB3#2	23.61	21.41	30	PASS
				RB3#3	23.66	21.46	30	PASS
			HCH	RB6#0	22.62	20.42	30	PASS
				RB1#0	23.61	21.41	30	PASS
				RB1#3	23.7	21.5	30	PASS
				RB1#5	23.54	21.34	30	PASS
				RB3#0	23.65	21.45	30	PASS
		RB3#2		23.76	21.56	30	PASS	
		3	LCH	RB3#3	23.69	21.49	30	PASS
				RB6#0	22.56	20.36	30	PASS
				RB1#0	23.88	21.68	30	PASS
				RB1#7	23.95	21.75	30	PASS
				RB1#14	23.74	21.54	30	PASS
				RB8#0	22.68	20.48	30	PASS
			MCH	RB8#4	22.63	20.43	30	PASS
				RB8#7	22.61	20.41	30	PASS
				RB15#0	22.66	20.46	30	PASS
				RB1#0	23.54	21.34	30	PASS
				RB1#7	23.86	21.66	30	PASS



				RB1#14	23.65	21.45	30	PASS	
				RB8#0	22.61	20.41	30	PASS	
				RB8#4	22.58	20.38	30	PASS	
				RB8#7	22.68	20.48	30	PASS	
				RB15#0	22.61	20.41	30	PASS	
			HCH	RB1#0	23.49	21.29	30	PASS	
				RB1#7	23.61	21.41	30	PASS	
				RB1#14	23.67	21.47	30	PASS	
				RB8#0	22.68	20.48	30	PASS	
				RB8#4	22.64	20.44	30	PASS	
				RB8#7	22.67	20.47	30	PASS	
			5	LCH	RB1#0	23.66	21.46	30	PASS
					RB1#13	23.8	21.6	30	PASS
					RB1#24	23.58	21.38	30	PASS
		RB12#0			22.64	20.44	30	PASS	
		RB12#6			22.71	20.51	30	PASS	
		RB12#13			22.72	20.52	30	PASS	
		RB25#0			22.66	20.46	30	PASS	
		MCH		RB1#0	23.57	21.37	30	PASS	
				RB1#13	23.77	21.57	30	PASS	
				RB1#24	23.57	21.37	30	PASS	
				RB12#0	22.62	20.42	30	PASS	
				RB12#6	22.66	20.46	30	PASS	
				RB12#13	22.75	20.55	30	PASS	
				RB25#0	22.6	20.4	30	PASS	
		HCH	RB1#0	23.39	21.19	30	PASS		
			RB1#13	23.35	21.15	30	PASS		
			RB1#24	23.34	21.14	30	PASS		
			RB12#0	22.68	20.48	30	PASS		
			RB12#6	22.78	20.58	30	PASS		
			RB12#13	22.74	20.54	30	PASS		
			RB25#0	22.82	20.62	30	PASS		
		10	LCH	RB1#0	23.8	21.6	30	PASS	
RB1#25	24.02			21.82	30	PASS			
RB1#49	23.53			21.33	30	PASS			
RB25#0	22.75			20.55	30	PASS			
RB25#13	22.76			20.56	30	PASS			
RB25#25	22.67			20.47	30	PASS			
RB50#0	22.76			20.56	30	PASS			
MCH	RB1#0		23.52	21.32	30	PASS			



				RB1#25	23.82	21.62	30	PASS	
				RB1#49	23.48	21.28	30	PASS	
				RB25#0	22.66	20.46	30	PASS	
				RB25#13	22.61	20.41	30	PASS	
				RB25#25	22.63	20.43	30	PASS	
				RB50#0	22.61	20.41	30	PASS	
			HCH	RB1#0	23.63	21.43	30	PASS	
				RB1#25	23.93	21.73	30	PASS	
				RB1#49	23.69	21.49	30	PASS	
				RB25#0	22.72	20.52	30	PASS	
				RB25#13	22.75	20.55	30	PASS	
				RB25#25	22.83	20.63	30	PASS	
			15	LCH	RB1#0	23.62	21.42	30	PASS
					RB1#38	23.89	21.69	30	PASS
					RB1#74	23.7	21.5	30	PASS
	RB38#0	22.63			20.43	30	PASS		
	RB38#19	22.65			20.45	30	PASS		
	RB38#39	22.58			20.38	30	PASS		
	MCH	RB75#0		22.72	20.52	30	PASS		
		RB1#0		23.52	21.32	30	PASS		
		RB1#38		23.54	21.34	30	PASS		
		RB1#74		23.74	21.54	30	PASS		
		RB38#0		22.61	20.41	30	PASS		
		RB38#19		22.62	20.42	30	PASS		
	HCH	RB38#39	22.61	20.41	30	PASS			
		RB75#0	22.63	20.43	30	PASS			
		RB1#0	23.63	21.43	30	PASS			
		RB1#38	23.58	21.38	30	PASS			
		RB1#74	23.75	21.55	30	PASS			
		RB38#0	22.7	20.5	30	PASS			
	20	LCH	RB38#19	22.68	20.48	30	PASS		
			RB38#39	22.69	20.49	30	PASS		
			RB75#0	22.67	20.47	30	PASS		
RB1#0			23.3	21.1	30	PASS			
RB1#50			23.76	21.56	30	PASS			
RB1#99			23.5	21.3	30	PASS			
RB50#0			22.66	20.46	30	PASS			
RB50#25	22.68	20.48	30	PASS					
RB50#50	22.69	20.49	30	PASS					
RB100#0	22.67	20.47	30	PASS					

			MCH	RB1#0	23.24	21.04	30	PASS
				RB1#50	23.69	21.49	30	PASS
				RB1#99	23.46	21.26	30	PASS
				RB50#0	22.56	20.36	30	PASS
				RB50#25	22.6	20.4	30	PASS
				RB50#50	22.63	20.43	30	PASS
				RB100#0	22.58	20.38	30	PASS
			HCH	RB1#0	23.7	21.5	30	PASS
				RB1#50	23.68	21.48	30	PASS
				RB1#99	23.75	21.55	30	PASS
				RB50#0	22.78	20.58	30	PASS
				RB50#25	22.65	20.45	30	PASS
				RB50#50	22.68	20.48	30	PASS
				RB100#0	22.74	20.54	30	PASS
	LTE/TM 2	1.4	LCH	RB1#0	22.31	20.11	30	PASS
				RB1#3	22.53	20.33	30	PASS
				RB1#5	22.39	20.19	30	PASS
				RB3#0	22.2	20	30	PASS
				RB3#2	22.56	20.36	30	PASS
				RB3#3	22.52	20.32	30	PASS
				RB6#0	21.6	19.4	30	PASS
			MCH	RB1#0	22.09	19.89	30	PASS
				RB1#3	22.1	19.9	30	PASS
				RB1#5	21.83	19.63	30	PASS
RB3#0				22.5	20.3	30	PASS	
RB3#2				22.59	20.39	30	PASS	
RB3#3				22.56	20.36	30	PASS	
RB6#0				21.29	19.09	30	PASS	
HCH	RB1#0	22.02	19.82	30	PASS			
	RB1#3	22.07	19.87	30	PASS			
	RB1#5	21.99	19.79	30	PASS			
	RB3#0	22.63	20.43	30	PASS			
	RB3#2	22.65	20.45	30	PASS			
	RB3#3	22.64	20.44	30	PASS			
	RB6#0	21.42	19.22	30	PASS			
3	LCH	RB1#0	23.47	21.27	30	PASS		
		RB1#7	23.45	21.25	30	PASS		
		RB1#14	23.41	21.21	30	PASS		
		RB8#0	21.44	19.24	30	PASS		
		RB8#4	21.45	19.25	30	PASS		
		RB8#7	21.45	19.25	30	PASS		



			RB15#0	21.62	19.42	30	PASS
		MCH	RB1#0	22.23	20.03	30	PASS
			RB1#7	22.75	20.55	30	PASS
			RB1#14	22.51	20.31	30	PASS
			RB8#0	21.55	19.35	30	PASS
			RB8#4	21.48	19.28	30	PASS
			RB8#7	21.63	19.43	30	PASS
			RB15#0	21.7	19.5	30	PASS
		HCH	RB1#0	22.39	20.19	30	PASS
			RB1#7	22.63	20.43	30	PASS
			RB1#14	22.67	20.47	30	PASS
			RB8#0	21.6	19.4	30	PASS
			RB8#4	21.36	19.16	30	PASS
			RB8#7	21.39	19.19	30	PASS
			RB15#0	21.54	19.34	30	PASS
	5	LCH	RB1#0	23.49	21.29	30	PASS
			RB1#13	23.41	21.21	30	PASS
			RB1#24	23.39	21.19	30	PASS
			RB12#0	22.46	20.26	30	PASS
			RB12#6	21.63	19.43	30	PASS
			RB12#13	21.73	19.53	30	PASS
			RB25#0	21.49	19.29	30	PASS
		MCH	RB1#0	22.08	19.88	30	PASS
			RB1#13	22.13	19.93	30	PASS
			RB1#24	21.93	19.73	30	PASS
			RB12#0	21.34	19.14	30	PASS
			RB12#6	21.45	19.25	30	PASS
			RB12#13	21.6	19.4	30	PASS
			RB25#0	21.63	19.43	30	PASS
	HCH	RB1#0	22.63	20.43	30	PASS	
		RB1#13	22.67	20.47	30	PASS	
		RB1#24	22.36	20.16	30	PASS	
		RB12#0	21.57	19.37	30	PASS	
		RB12#6	21.69	19.49	30	PASS	
		RB12#13	21.74	19.54	30	PASS	
		RB25#0	21.59	19.39	30	PASS	
	10	LCH	RB1#0	22.84	20.64	30	PASS
			RB1#25	22.83	20.63	30	PASS
			RB1#49	22.51	20.31	30	PASS
			RB25#0	21.9	19.7	30	PASS
			RB25#13	21.72	19.52	30	PASS



				RB25#25	21.59	19.39	30	PASS
				RB50#0	21.66	19.46	30	PASS
		MCH		RB1#0	22.4	20.2	30	PASS
				RB1#25	23.13	20.93	30	PASS
				RB1#49	22.76	20.56	30	PASS
				RB25#0	21.76	19.56	30	PASS
				RB25#13	21.61	19.41	30	PASS
				RB25#25	21.62	19.42	30	PASS
			RB50#0	21.63	19.43	30	PASS	
		HCH		RB1#0	22.45	20.25	30	PASS
				RB1#25	22.77	20.57	30	PASS
				RB1#49	22.32	20.12	30	PASS
				RB25#0	21.72	19.52	30	PASS
				RB25#13	21.82	19.62	30	PASS
			RB25#25	21.67	19.47	30	PASS	
		RB50#0	21.7	19.5	30	PASS		
	15	LCH		RB1#0	22.71	20.51	30	PASS
				RB1#38	22.61	20.41	30	PASS
				RB1#74	22.82	20.62	30	PASS
				RB38#0	21.79	19.59	30	PASS
				RB38#19	21.75	19.55	30	PASS
				RB38#39	21.59	19.39	30	PASS
				RB75#0	21.61	19.41	30	PASS
		MCH		RB1#0	22.42	20.22	30	PASS
				RB1#38	22.68	20.48	30	PASS
				RB1#74	22.75	20.55	30	PASS
				RB38#0	21.57	19.37	30	PASS
				RB38#19	21.66	19.46	30	PASS
			RB38#39	21.58	19.38	30	PASS	
		RB75#0	21.61	19.41	30	PASS		
HCH		RB1#0	22.23	20.03	30	PASS		
		RB1#38	22.36	20.16	30	PASS		
		RB1#74	22.27	20.07	30	PASS		
		RB38#0	21.68	19.48	30	PASS		
		RB38#19	21.66	19.46	30	PASS		
		RB38#39	21.54	19.34	30	PASS		
	RB75#0	21.52	19.32	30	PASS			
20	LCH		RB1#0	22.79	20.59	30	PASS	
			RB1#50	23.23	21.03	30	PASS	
			RB1#99	22.34	20.14	30	PASS	
			RB50#0	21.8	19.6	30	PASS	

				RB50#25	21.75	19.55	30	PASS
				RB50#50	21.82	19.62	30	PASS
				RB100#0	21.68	19.48	30	PASS
			MCH	RB1#0	22.33	20.13	30	PASS
				RB1#50	23	20.8	30	PASS
				RB1#99	22.49	20.29	30	PASS
				RB50#0	21.54	19.34	30	PASS
				RB50#25	21.6	19.4	30	PASS
				RB50#50	21.55	19.35	30	PASS
				RB100#0	21.53	19.33	30	PASS
			HCH	RB1#0	22.7	20.5	30	PASS
				RB1#50	23.35	21.15	30	PASS
				RB1#99	22.75	20.55	30	PASS
				RB50#0	21.64	19.44	30	PASS
				RB50#25	21.63	19.43	30	PASS
				RB50#50	21.65	19.45	30	PASS
				RB100#0	21.75	19.55	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:

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

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

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

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	3.88	13	PASS
				RB1#3	3.81	13	PASS
				RB1#5	3.96	13	PASS
				RB3#0	4.25	13	PASS
				RB3#2	4.14	13	PASS
				RB3#3	4.22	13	PASS
				RB6#0	5.39	13	PASS
			MCH	RB1#0	3.86	13	PASS
				RB1#3	3.78	13	PASS
				RB1#5	3.97	13	PASS
				RB3#0	4.03	13	PASS
				RB3#2	3.85	13	PASS
				RB3#3	3.99	13	PASS
				RB6#0	4.97	13	PASS
		HCH	RB1#0	3.88	13	PASS	
			RB1#3	3.78	13	PASS	
			RB1#5	3.86	13	PASS	
			RB3#0	3.97	13	PASS	
			RB3#2	3.81	13	PASS	
			RB3#3	4	13	PASS	
			RB6#0	4.92	13	PASS	
		3	LCH	RB1#0	4.18	13	PASS
				RB1#7	3.95	13	PASS
				RB1#14	4.07	13	PASS
				RB8#0	4.7	13	PASS
				RB8#4	4.57	13	PASS
				RB8#7	4.77	13	PASS
				RB15#0	5.32	13	PASS
MCH	RB1#0		3.85	13	PASS		
	RB1#7		3.72	13	PASS		
	RB1#14		4	13	PASS		
	RB8#0		4.46	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	4.36	13	PASS	
				RB8#7	4.67	13	PASS	
				RB15#0	5.25	13	PASS	
			HCH	RB1#0	4.07	13	PASS	
				RB1#7	3.77	13	PASS	
				RB1#14	3.82	13	PASS	
				RB8#0	4.54	13	PASS	
				RB8#4	4.48	13	PASS	
				RB8#7	4.51	13	PASS	
			RB15#0	5.12	13	PASS		
			5	LCH	RB1#0	4.05	13	PASS
					RB1#13	3.81	13	PASS
					RB1#24	3.89	13	PASS
					RB12#0	4.61	13	PASS
					RB12#6	4.41	13	PASS
		RB12#13			4.51	13	PASS	
		RB25#0		4.93	13	PASS		
		MCH		RB1#0	3.76	13	PASS	
				RB1#13	3.73	13	PASS	
				RB1#24	3.99	13	PASS	
				RB12#0	4.36	13	PASS	
				RB12#6	4.23	13	PASS	
				RB12#13	4.43	13	PASS	
		RB25#0		5.18	13	PASS		
		HCH		RB1#0	4.26	13	PASS	
				RB1#13	3.87	13	PASS	
				RB1#24	3.92	13	PASS	
				RB12#0	4.69	13	PASS	
			RB12#6	4.39	13	PASS		
			RB12#13	4.48	13	PASS		
		RB25#0	5.03	13	PASS			
		10	LCH	RB1#0	4.07	13	PASS	
				RB1#25	3.66	13	PASS	
RB1#49	3.65			13	PASS			
RB25#0	4.58			13	PASS			
RB25#13	4.35			13	PASS			
RB25#25	4.36			13	PASS			
RB50#0	4.77		13	PASS				
MCH	RB1#0	3.69	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	3.8	13	PASS
				RB1#49	4.19	13	PASS
				RB25#0	4.41	13	PASS
				RB25#13	4.33	13	PASS
				RB25#25	4.62	13	PASS
				RB50#0	5.58	13	PASS
			HCH	RB1#0	4.33	13	PASS
				RB1#25	4.1	13	PASS
				RB1#49	3.73	13	PASS
				RB25#0	4.89	13	PASS
				RB25#13	4.71	13	PASS
				RB25#25	4.65	13	PASS
		15	LCH	RB1#0	4.03	13	PASS
				RB1#38	3.68	13	PASS
				RB1#74	3.66	13	PASS
				RB38#0	4.55	13	PASS
				RB38#19	4.26	13	PASS
				RB38#39	4.3	13	PASS
			MCH	RB75#0	5.18	13	PASS
				RB1#0	3.55	13	PASS
				RB1#38	3.81	13	PASS
				RB1#74	4.45	13	PASS
				RB38#0	4.34	13	PASS
				RB38#19	4.32	13	PASS
		HCH	RB38#39	4.66	13	PASS	
			RB75#0	5.27	13	PASS	
			RB1#0	4.53	13	PASS	
			RB1#38	4.25	13	PASS	
			RB1#74	3.78	13	PASS	
			RB38#0	4.87	13	PASS	
		20	LCH	RB38#19	4.75	13	PASS
				RB38#39	4.69	13	PASS
				RB75#0	5.31	13	PASS
RB1#0	4.1			13	PASS		
RB1#50	3.57			13	PASS		
				RB1#99	3.84	13	PASS
				RB50#0	4.56	13	PASS
				RB50#25	4.18	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#50	4.27	13	PASS	
				RB100#0	5.35	13	PASS	
			MCH	RB1#0	3.63	13	PASS	
				RB1#50	3.74	13	PASS	
				RB1#99	4.47	13	PASS	
				RB50#0	4.39	13	PASS	
				RB50#25	4.38	13	PASS	
				RB50#50	4.74	13	PASS	
			HCH	RB100#0	5.43	13	PASS	
				RB1#0	4.34	13	PASS	
				RB1#50	4.23	13	PASS	
				RB1#99	3.77	13	PASS	
				RB50#0	4.87	13	PASS	
				RB50#25	4.75	13	PASS	
	LTE/TM2	1.4		LCH	RB50#50	4.72	13	PASS
					RB100#0	5.63	13	PASS
					RB1#0	5.07	13	PASS
					RB1#3	4.93	13	PASS
					RB1#5	5.09	13	PASS
					RB3#0	5.19	13	PASS
					RB3#2	5.07	13	PASS
				MCH	RB3#3	5.22	13	PASS
					RB6#0	5.69	13	PASS
					RB1#0	4.78	13	PASS
					RB1#3	4.71	13	PASS
					RB1#5	4.86	13	PASS
					RB3#0	4.77	13	PASS
					RB3#2	4.64	13	PASS
		HCH	RB3#3	4.8	13	PASS		
			RB6#0	5.52	13	PASS		
RB1#0	4.54		13	PASS				
RB1#3	4.52		13	PASS				
RB1#5	4.63		13	PASS				
RB3#0	4.89		13	PASS				
RB3#2	4.67		13	PASS				
3	LCH	RB3#3	4.86	13	PASS			
		RB6#0	5.86	13	PASS			
			LCH	RB1#0	4.91	13	PASS	
			LCH	RB1#7	4.71	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
		5		RB1#14	4.81	13	PASS	
				RB8#0	5.48	13	PASS	
				RB8#4	5.4	13	PASS	
				RB8#7	5.61	13	PASS	
				RB15#0	6.25	13	PASS	
			MCH	RB1#0	4.67	13	PASS	
				RB1#7	4.63	13	PASS	
				RB1#14	4.71	13	PASS	
				RB8#0	5.27	13	PASS	
				RB8#4	5.12	13	PASS	
				RB8#7	5.35	13	PASS	
				RB15#0	5.67	13	PASS	
			HCH	RB1#0	5.06	13	PASS	
				RB1#7	4.79	13	PASS	
				RB1#14	4.83	13	PASS	
				RB8#0	5.53	13	PASS	
				RB8#4	5.44	13	PASS	
				RB8#7	5.42	13	PASS	
				RB15#0	5.85	13	PASS	
			5	LCH	RB1#0	5.19	13	PASS
					RB1#13	4.96	13	PASS
		RB1#24			5.1	13	PASS	
		RB12#0			5.58	13	PASS	
		RB12#6			5.42	13	PASS	
		RB12#13			5.41	13	PASS	
		RB25#0			6.03	13	PASS	
		MCH		RB1#0	4.74	13	PASS	
				RB1#13	4.76	13	PASS	
				RB1#24	4.98	13	PASS	
				RB12#0	5.26	13	PASS	
				RB12#6	5.12	13	PASS	
				RB12#13	5.35	13	PASS	
				RB25#0	5.69	13	PASS	
HCH	RB1#0	4.77		13	PASS			
	RB1#13	4.48		13	PASS			
	RB1#24	4.5		13	PASS			
	RB12#0	5.54		13	PASS			
	RB12#6	5.42		13	PASS			
	RB12#13	5.38		13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB25#0	6.11	13	PASS
				RB1#0	5.15	13	PASS
				RB1#25	4.69	13	PASS
				RB1#49	4.8	13	PASS
				RB25#0	5.63	13	PASS
				RB25#13	5.41	13	PASS
				RB25#25	5.43	13	PASS
			RB50#0	6.23	13	PASS	
			MCH	RB1#0	4.61	13	PASS
				RB1#25	4.77	13	PASS
				RB1#49	5.18	13	PASS
				RB25#0	5.19	13	PASS
				RB25#13	5.17	13	PASS
				RB25#25	5.45	13	PASS
				RB50#0	6.17	13	PASS
			HCH	RB1#0	5.23	13	PASS
				RB1#25	4.88	13	PASS
				RB1#49	4.76	13	PASS
				RB25#0	5.74	13	PASS
				RB25#13	5.71	13	PASS
				RB25#25	5.55	13	PASS
		RB50#0		6.45	13	PASS	
		15	LCH	RB1#0	5.17	13	PASS
				RB1#38	4.61	13	PASS
				RB1#74	4.65	13	PASS
				RB38#0	5.58	13	PASS
				RB38#19	5.31	13	PASS
				RB38#39	5.3	13	PASS
				RB75#0	5.9	13	PASS
			MCH	RB1#0	4.19	13	PASS
				RB1#38	4.31	13	PASS
				RB1#74	5.06	13	PASS
				RB38#0	5.39	13	PASS
				RB38#19	5.38	13	PASS
				RB38#39	5.65	13	PASS
			HCH	RB75#0	6	13	PASS
RB1#0	5.01			13	PASS		
RB1#38	4.97	13		PASS			
			RB1#74	4.78	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
		20		RB38#0	5.87	13	PASS		
				RB38#19	5.74	13	PASS		
				RB38#39	5.72	13	PASS		
				RB75#0	6.2	13	PASS		
			LCH	RB1#0	4.76	13	PASS		
				RB1#50	4.17	13	PASS		
				RB1#99	4.33	13	PASS		
				RB50#0	5.5	13	PASS		
				RB50#25	5.11	13	PASS		
				RB50#50	5.2	13	PASS		
			MCH	RB100#0	5.76	13	PASS		
				RB1#0	4.36	13	PASS		
		RB1#50		4.58	13	PASS			
		RB1#99		5.03	13	PASS			
		RB50#0		5.31	13	PASS			
		RB50#25		5.33	13	PASS			
		HCH	RB50#50	5.69	13	PASS			
			RB100#0	5.89	13	PASS			
			RB1#0	4.79	13	PASS			
			RB1#50	5.06	13	PASS			
			RB1#99	4.7	13	PASS			
			RB50#0	5.78	13	PASS			
						RB50#25	5.82	13	PASS
						RB50#50	5.84	13	PASS
						RB100#0	6.48	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

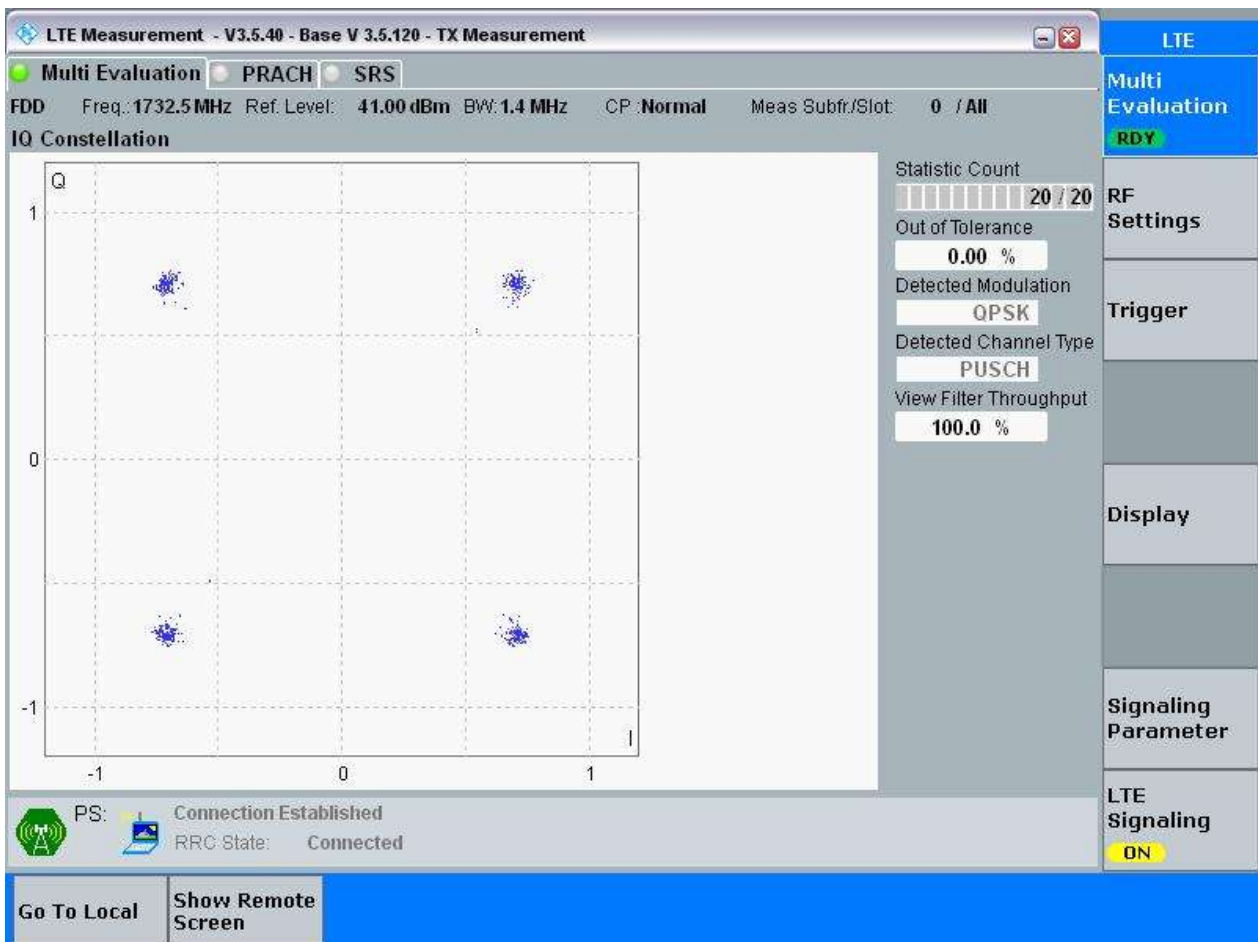
3.1.1 Test Band = BAND4

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

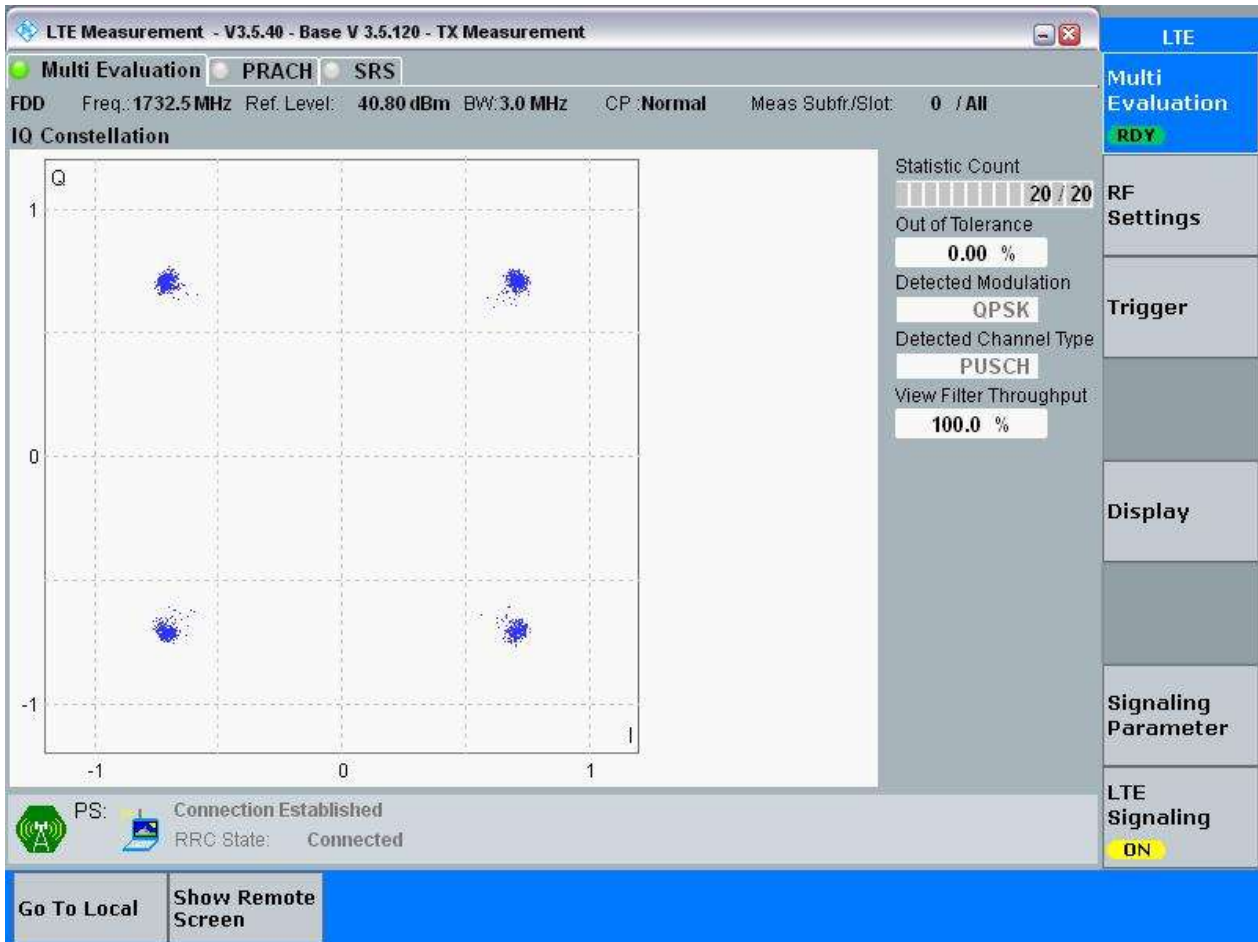
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

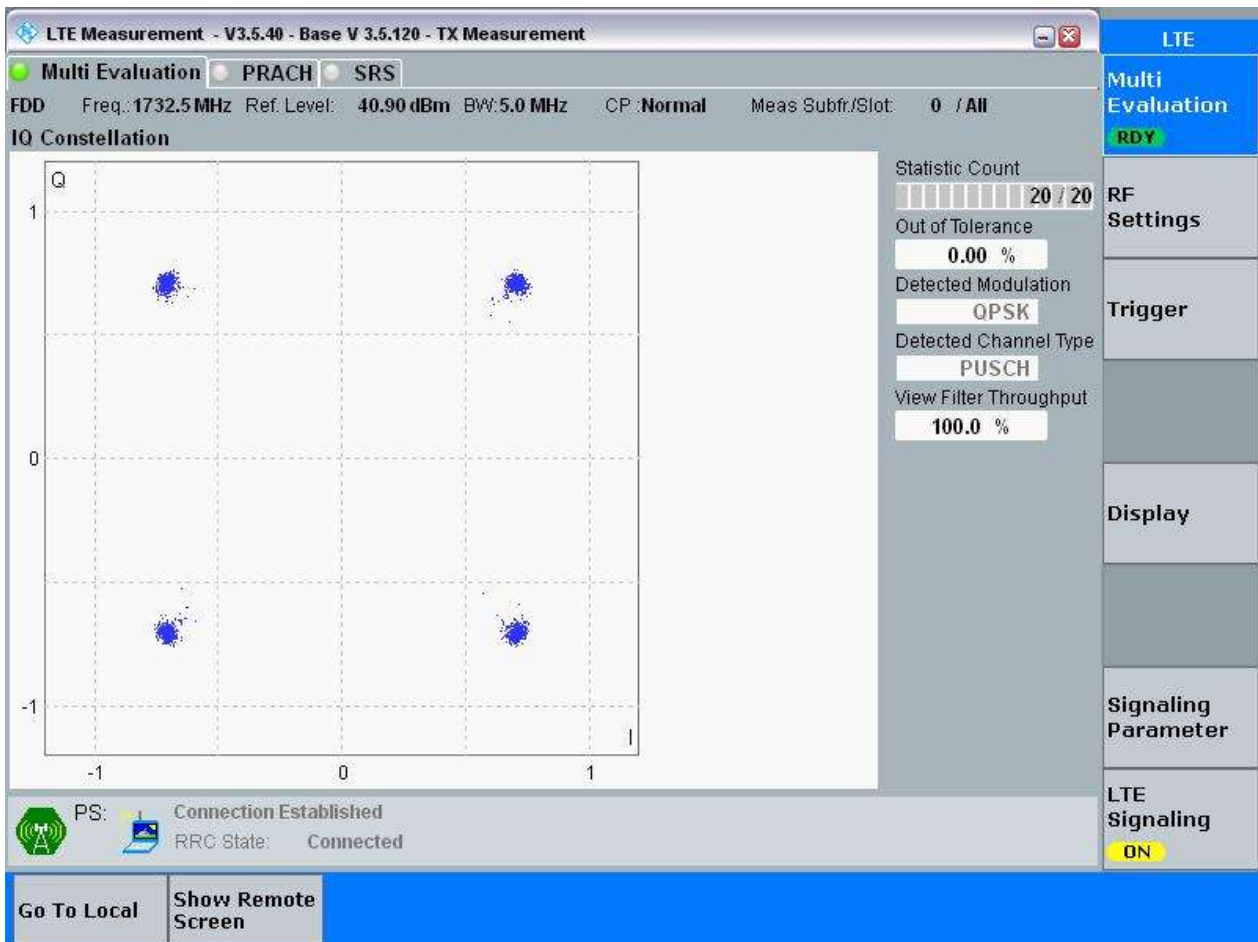
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

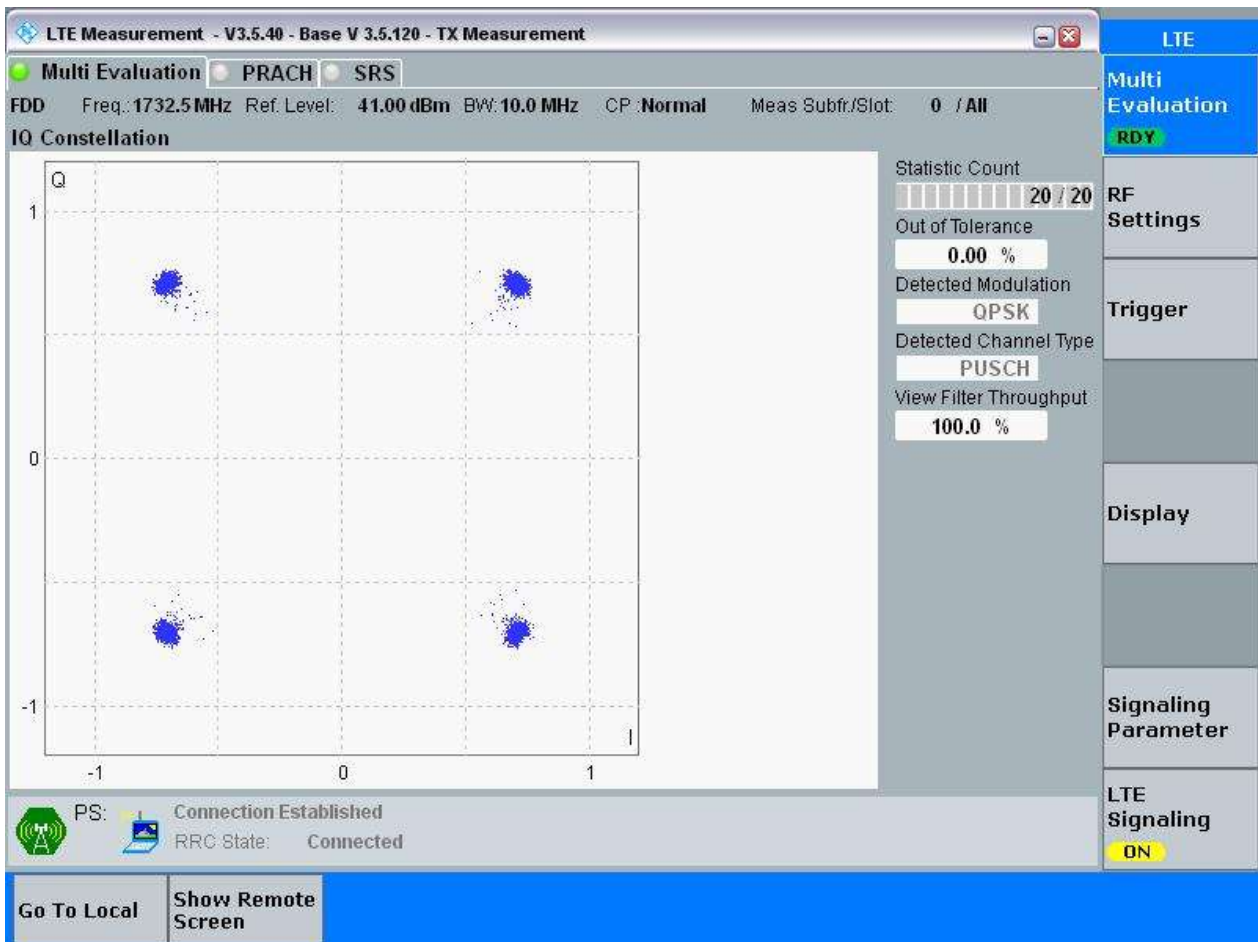
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

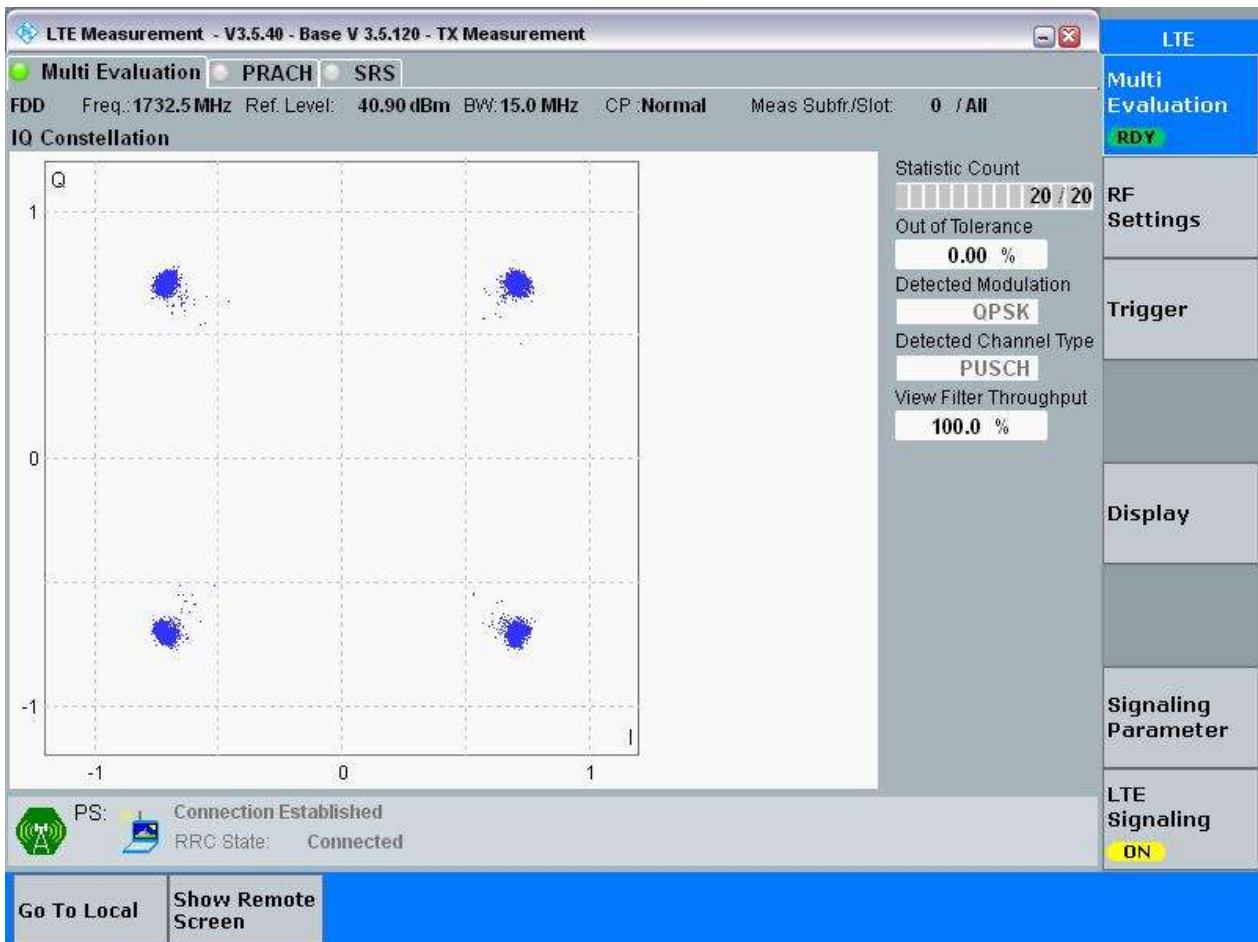
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

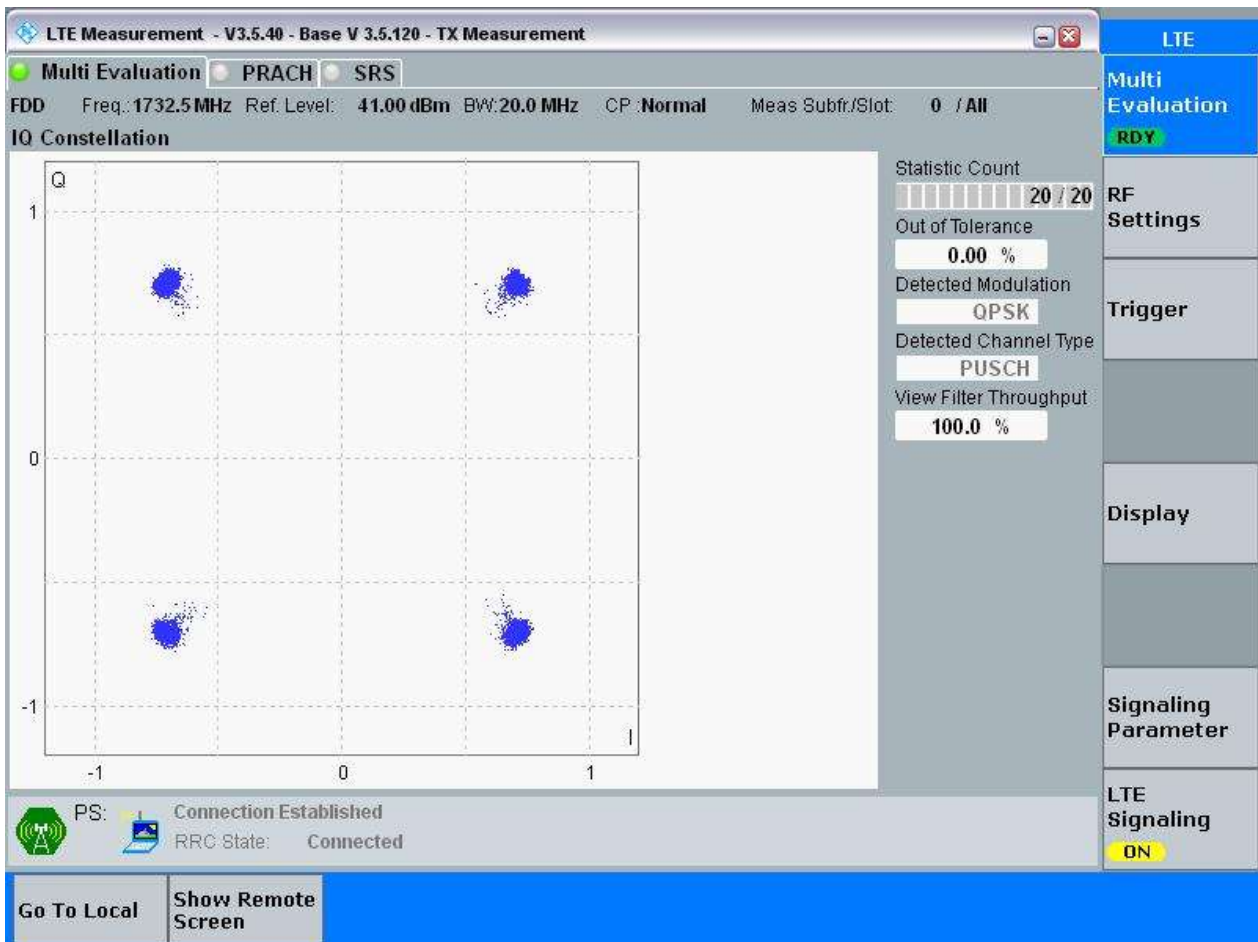
3.1.1.1.5.1.1 Test RB = RB75#0



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

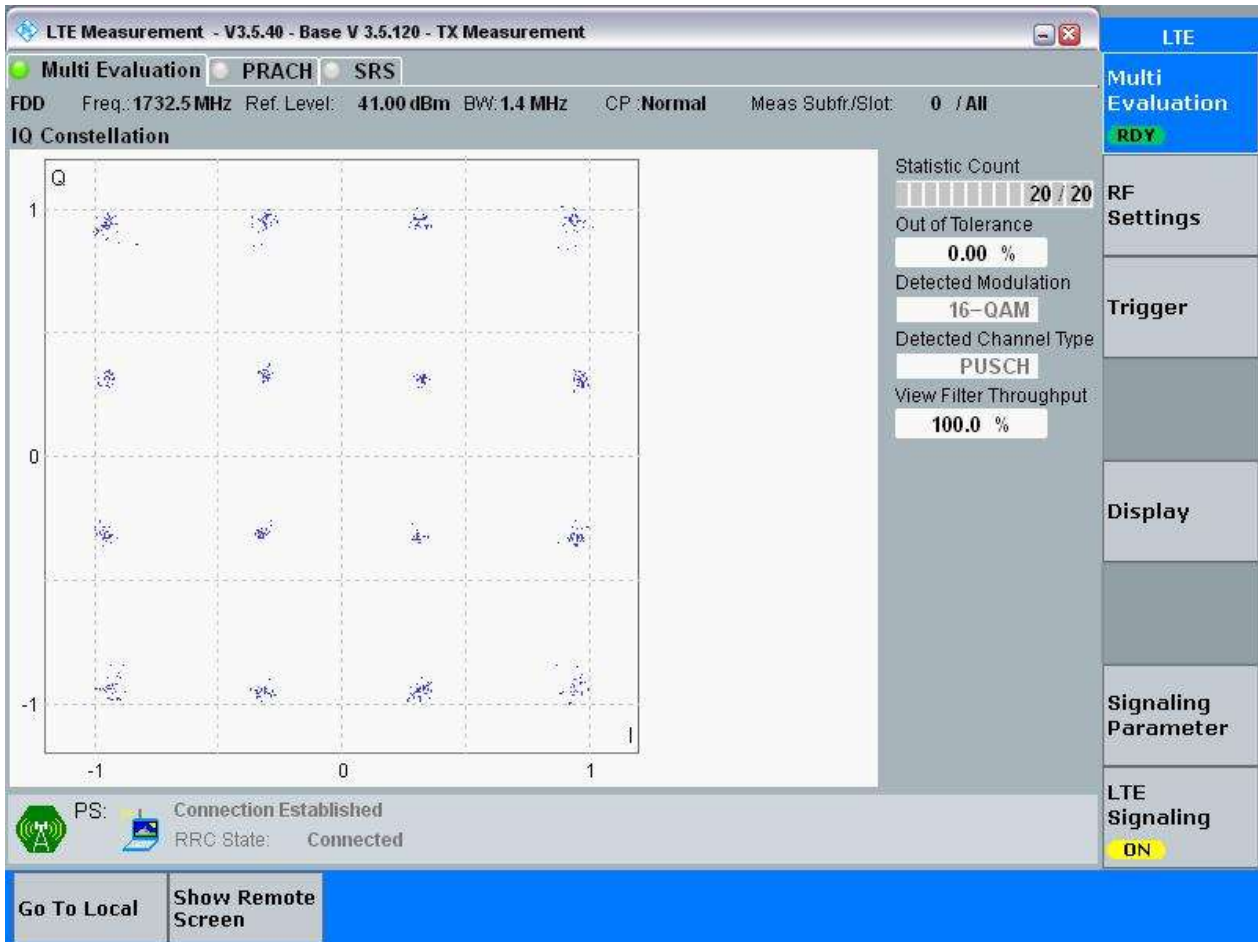


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

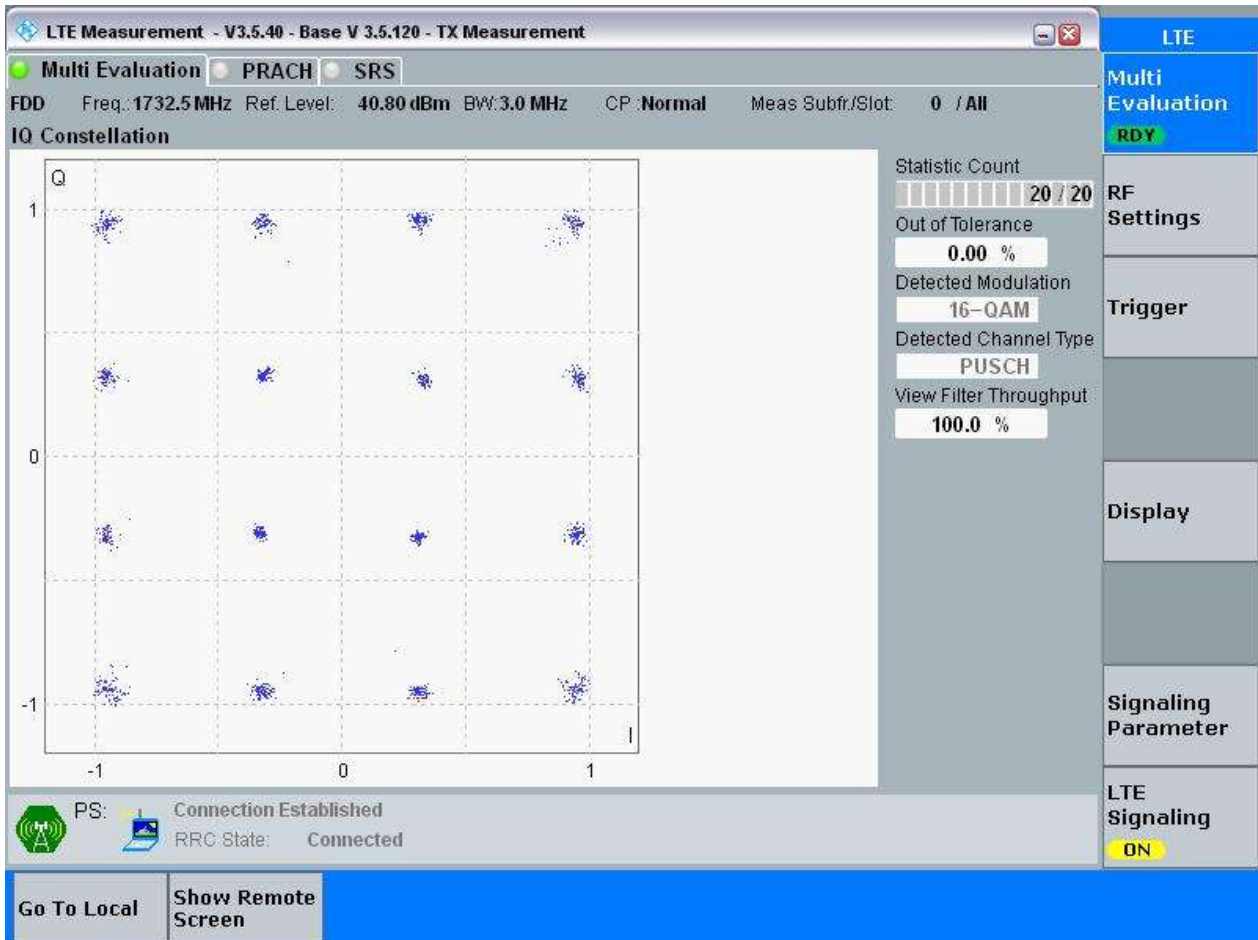
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

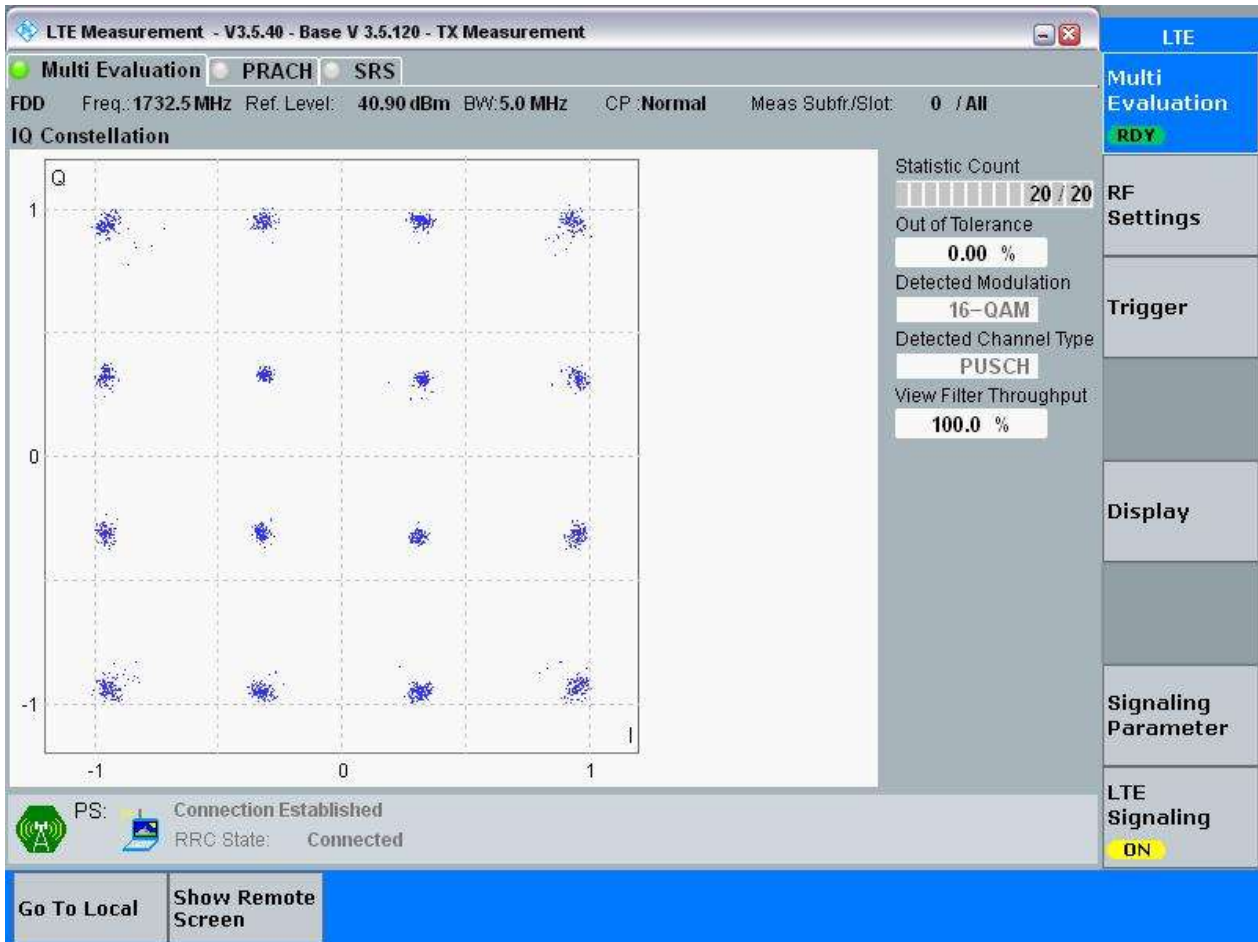
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

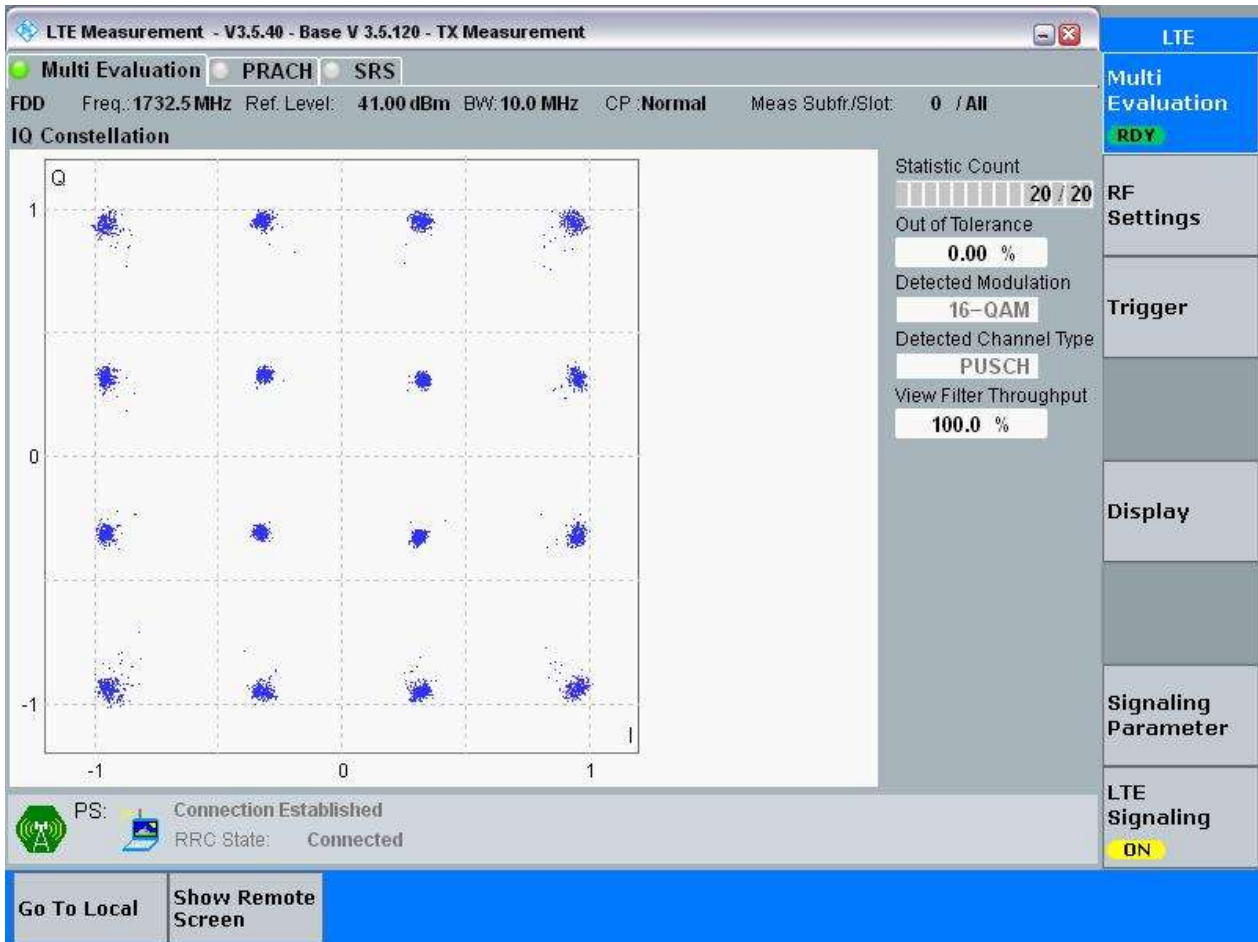
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

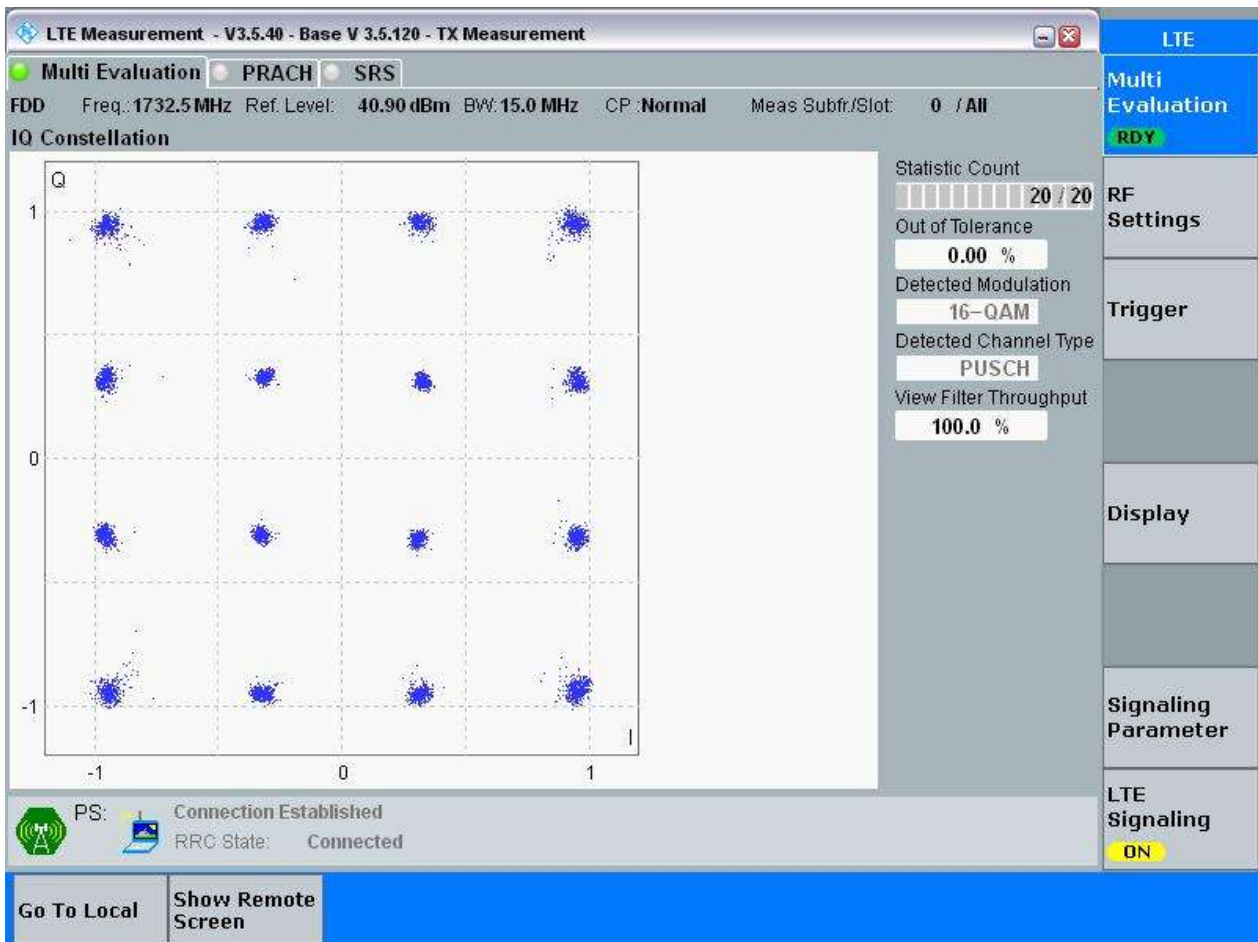
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

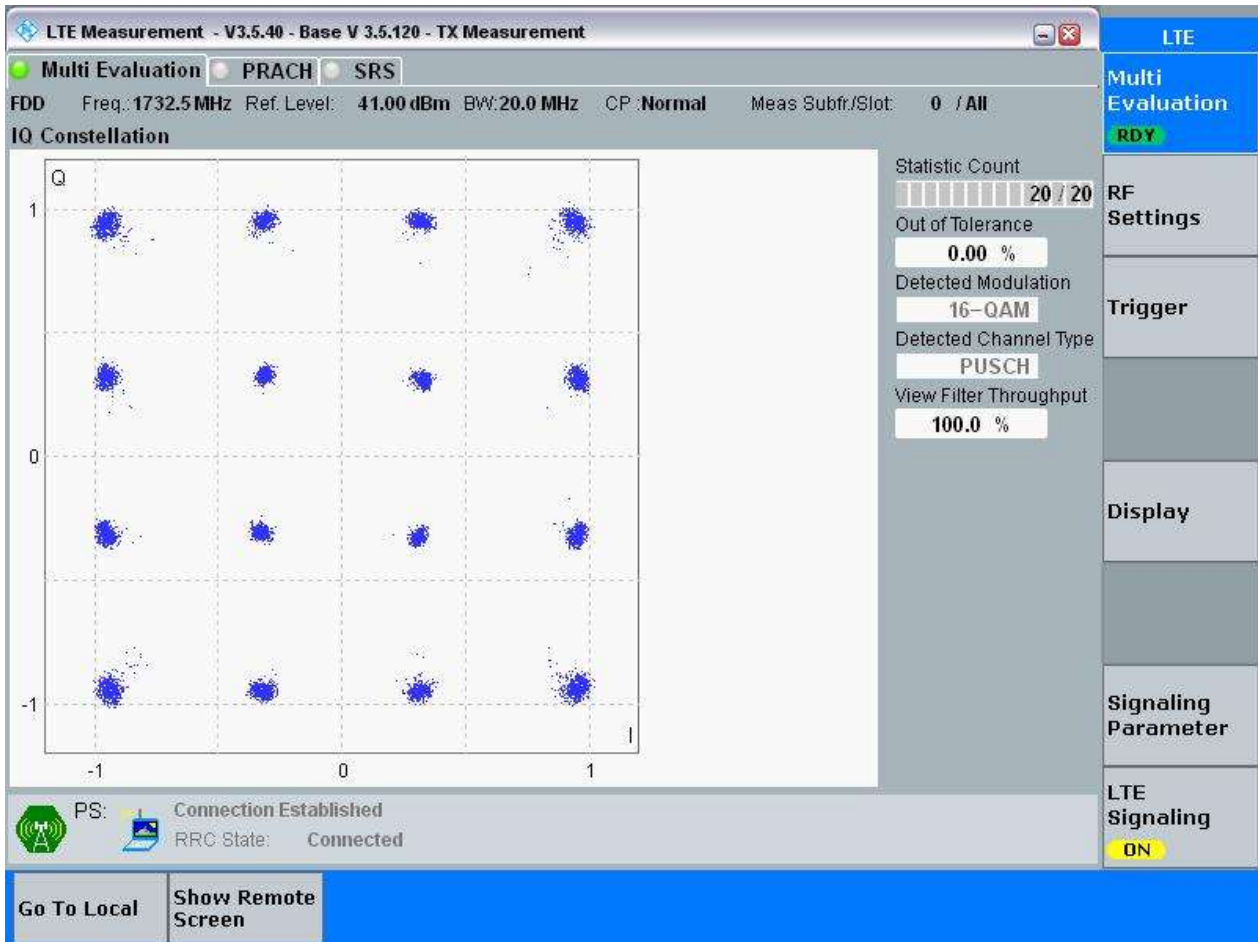
3.1.1.2.5.1.1 Test RB = RB75#0



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 Result

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	1.29	Pass
			MCH	RB6#0	1.09	1.30	Pass
			HCH	RB6#0	1.09	1.29	Pass
		3	LCH	RB15#0	2.70	3.00	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.70	2.99	Pass
		5	LCH	RB25#0	4.52	5.02	Pass
			MCH	RB25#0	4.50	4.99	Pass
			HCH	RB25#0	4.50	5.01	Pass
		10	LCH	RB50#0	8.98	9.89	Pass
			MCH	RB50#0	8.96	9.93	Pass
			HCH	RB50#0	8.97	9.87	Pass
	15	LCH	RB75#0	13.42	14.73	Pass	
		MCH	RB75#0	13.44	14.73	Pass	
		HCH	RB75#0	13.44	14.74	Pass	
	20	LCH	RB100#0	17.85	19.31	Pass	
		MCH	RB100#0	17.93	19.60	Pass	
		HCH	RB100#0	17.94	19.41	Pass	
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.31	Pass
			MCH	RB6#0	1.09	1.30	Pass
			HCH	RB6#0	1.10	1.31	Pass
		3	LCH	RB15#0	2.71	3.01	Pass
			MCH	RB15#0	2.70	3.01	Pass
			HCH	RB15#0	2.71	2.99	Pass
5		LCH	RB25#0	4.51	5.01	Pass	
		MCH	RB25#0	4.49	4.97	Pass	
		HCH	RB25#0	4.50	5.00	Pass	
10		LCH	RB50#0	8.98	9.91	Pass	
		MCH	RB50#0	8.99	9.87	Pass	
		HCH	RB50#0	8.97	9.90	Pass	
15	LCH	RB75#0	13.41	14.69	Pass		
	MCH	RB75#0	13.41	14.71	Pass		
	HCH	RB75#0	13.43	14.74	Pass		
20	LCH	RB100#0	17.87	19.45	Pass		



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	17.90	19.58	Pass
			HCH	RB100#0	17.91	19.50	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

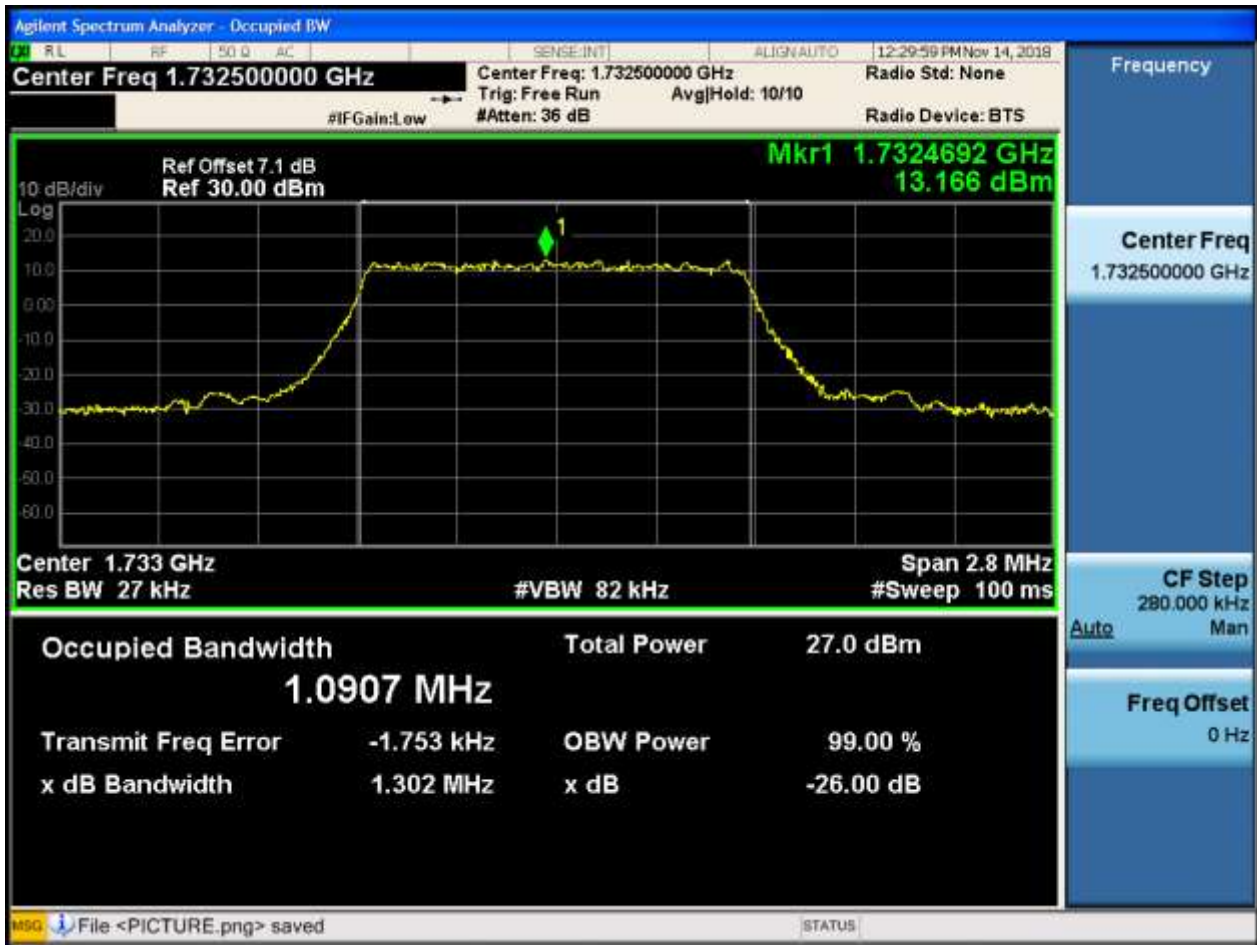
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



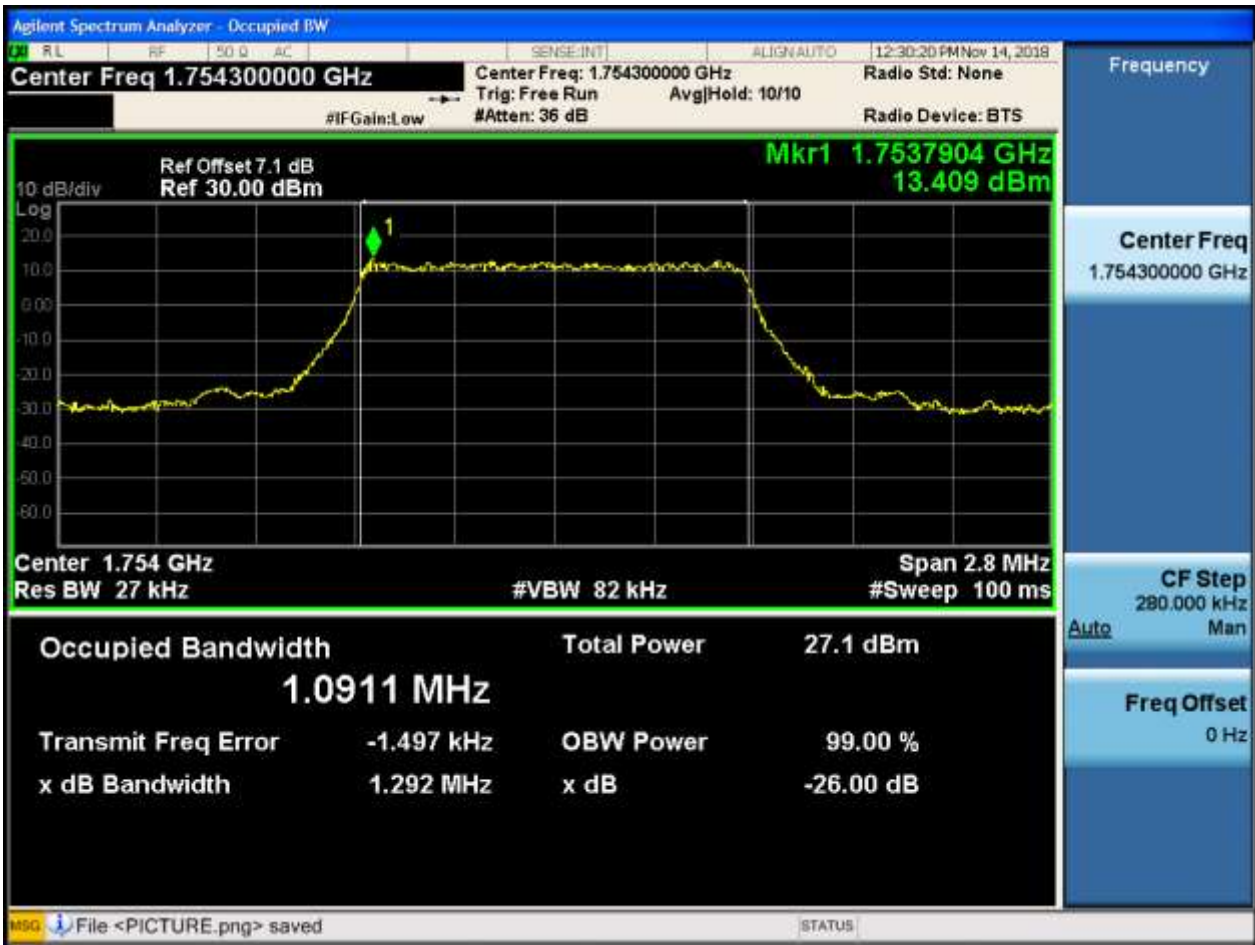
4.1.1.1.2 Test Channel = MCH

4.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

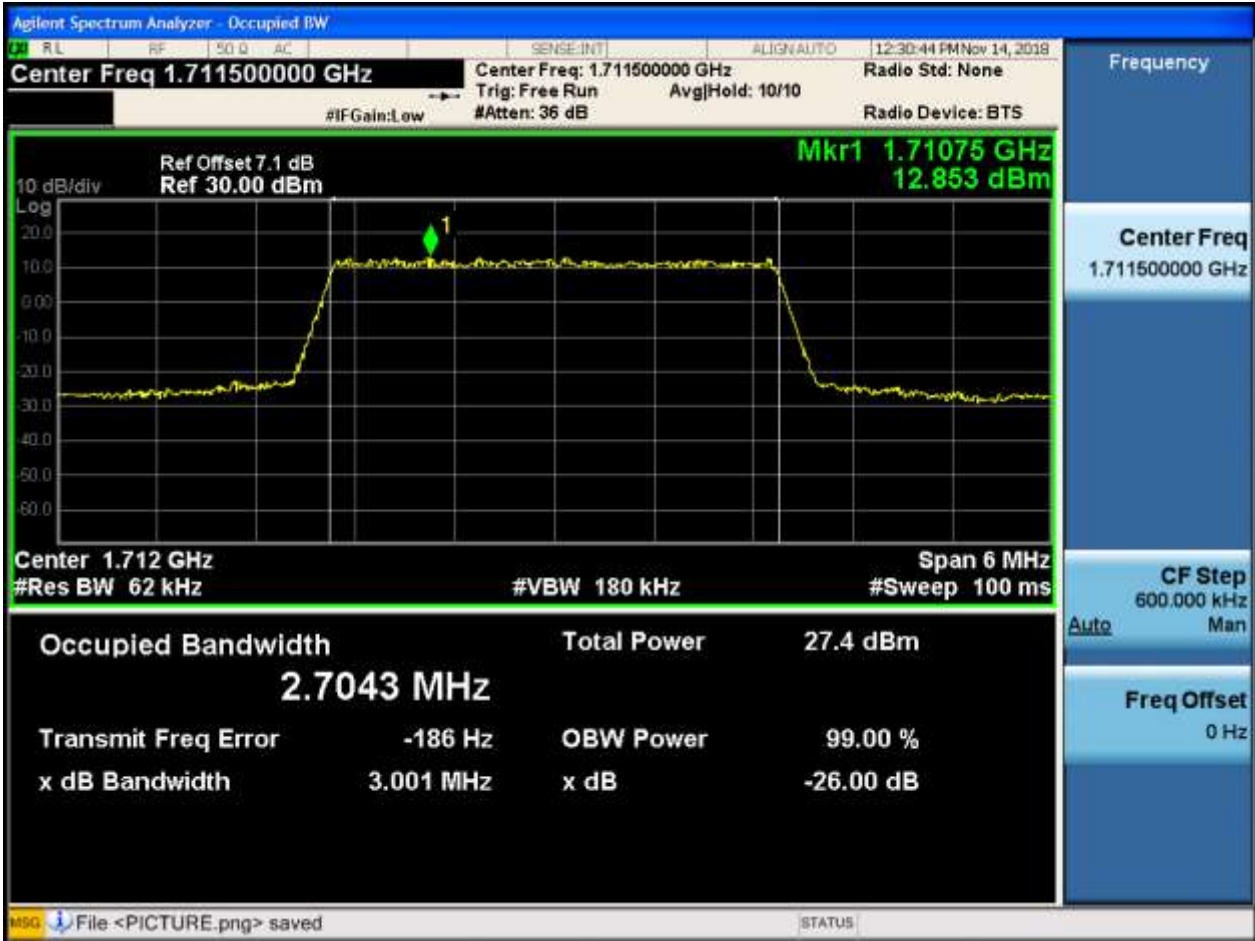
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

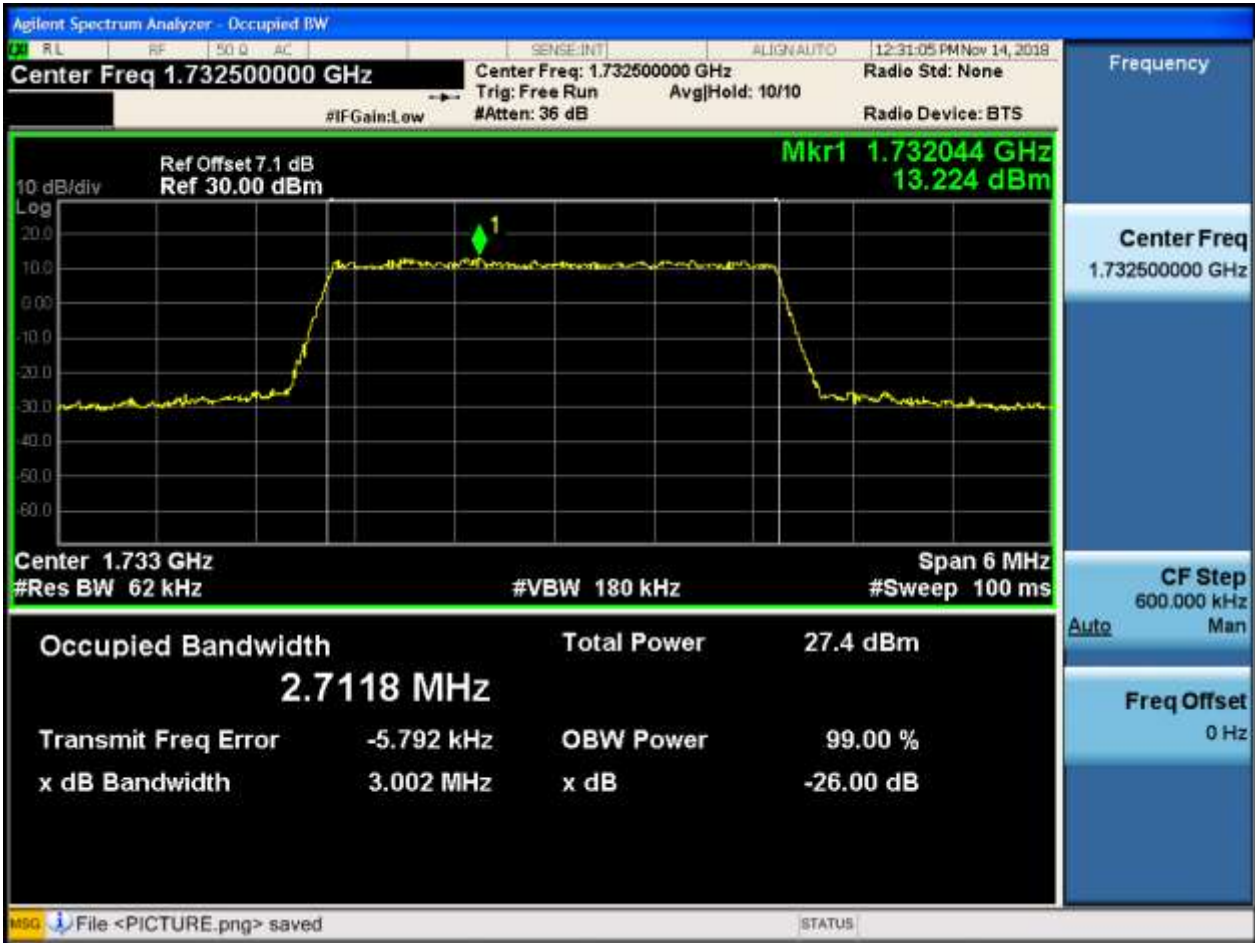
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



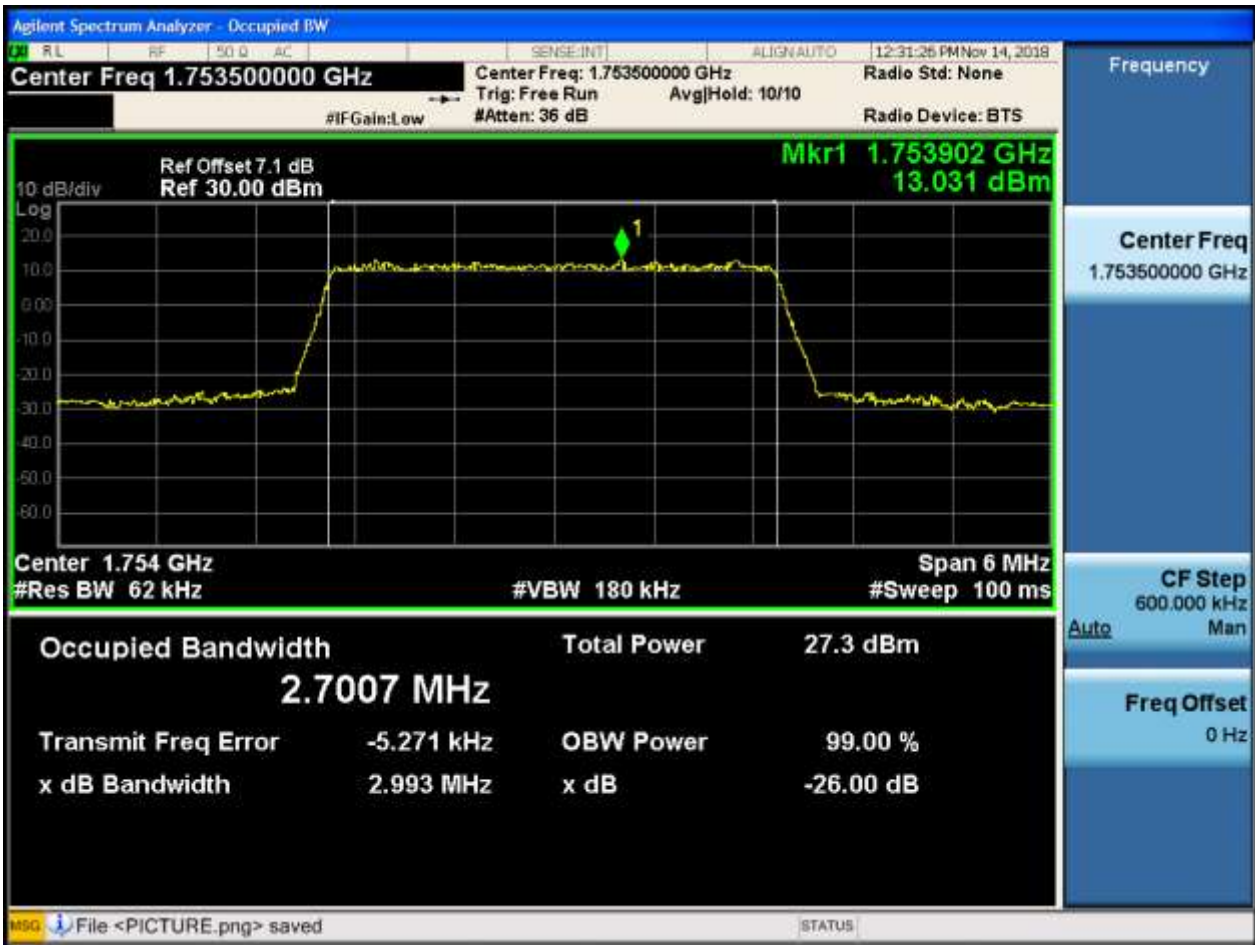
4.1.1.1.2.2 Test Channel = MCH

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

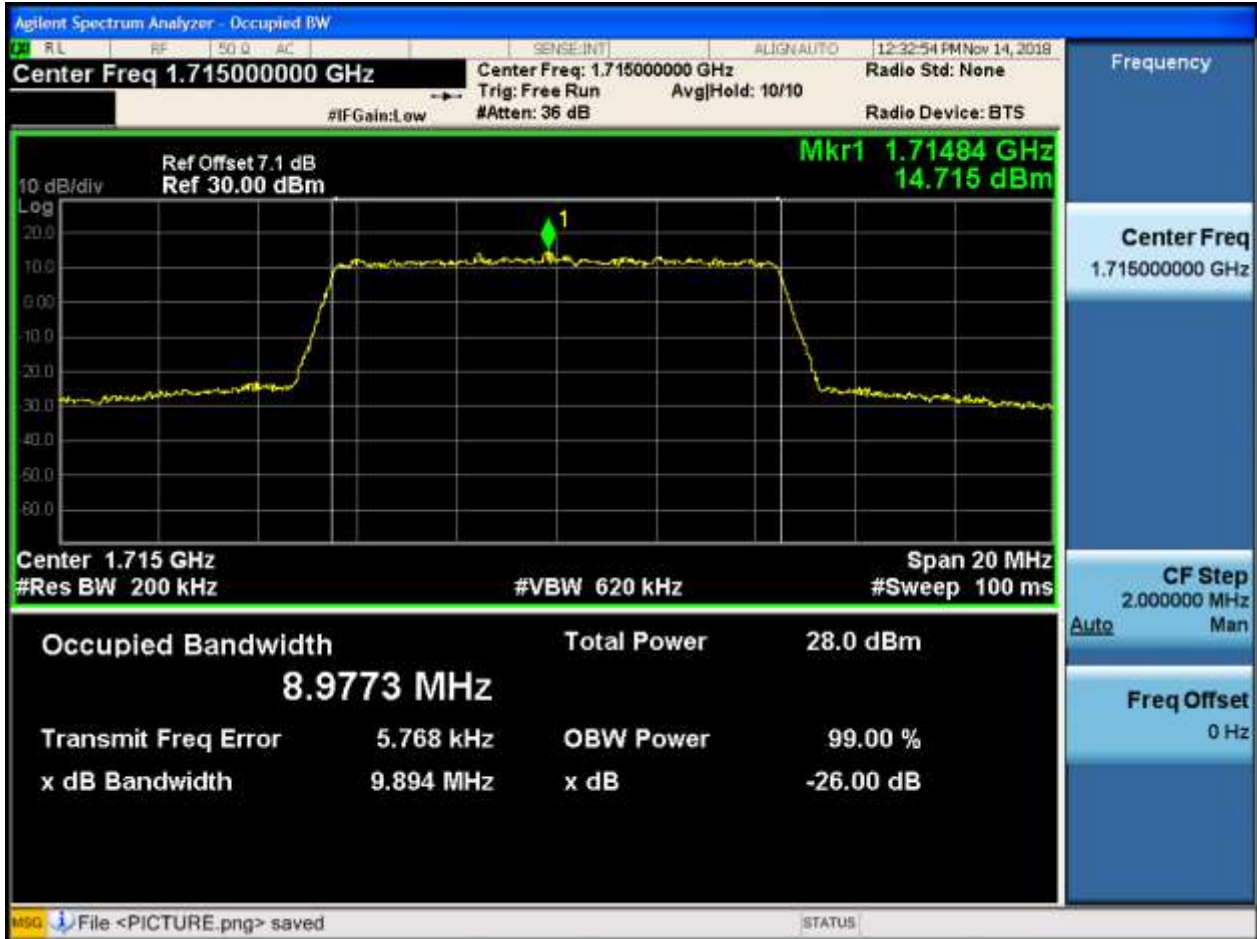
4.1.1.1.3.3.1 Test RB = RB25#0



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

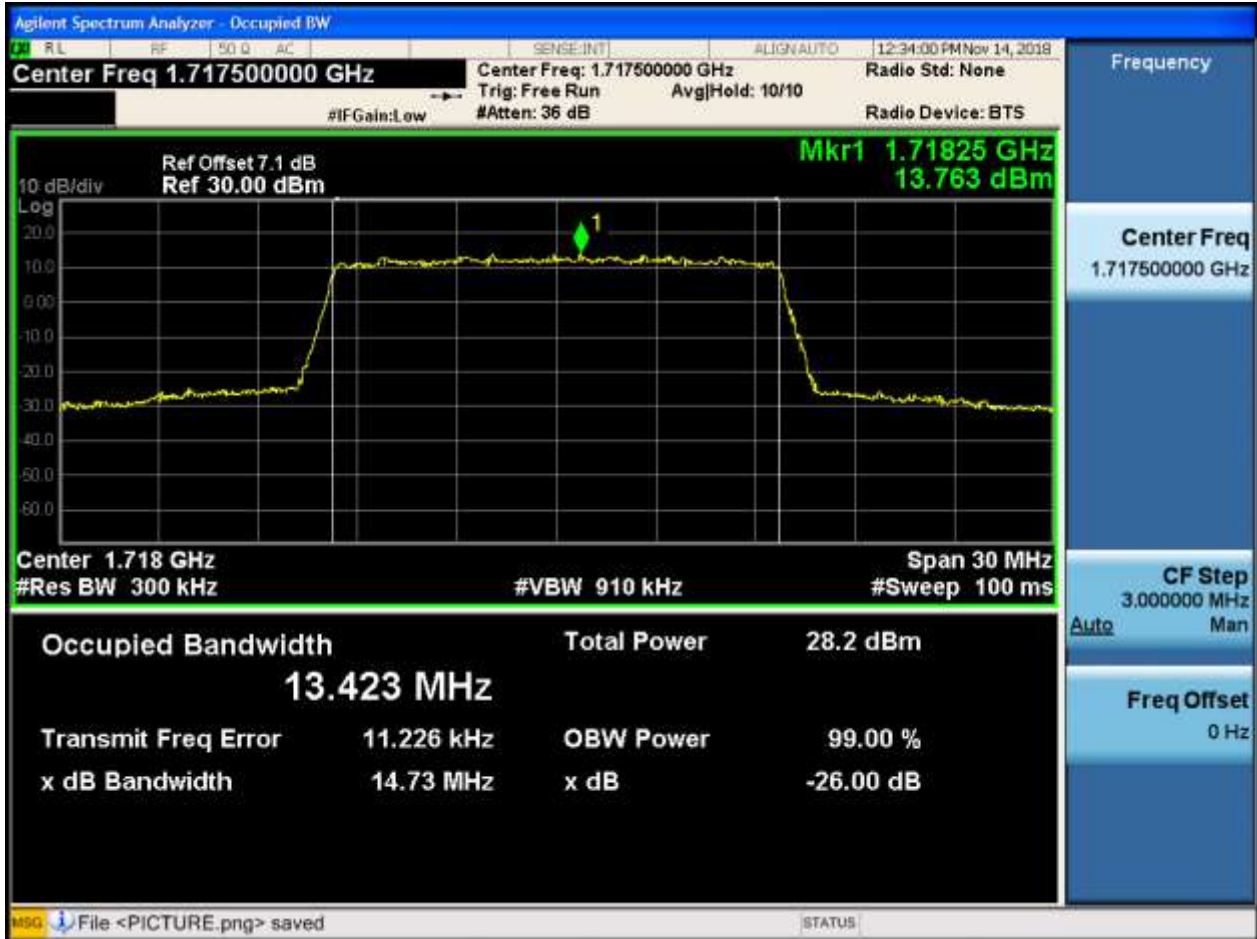
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

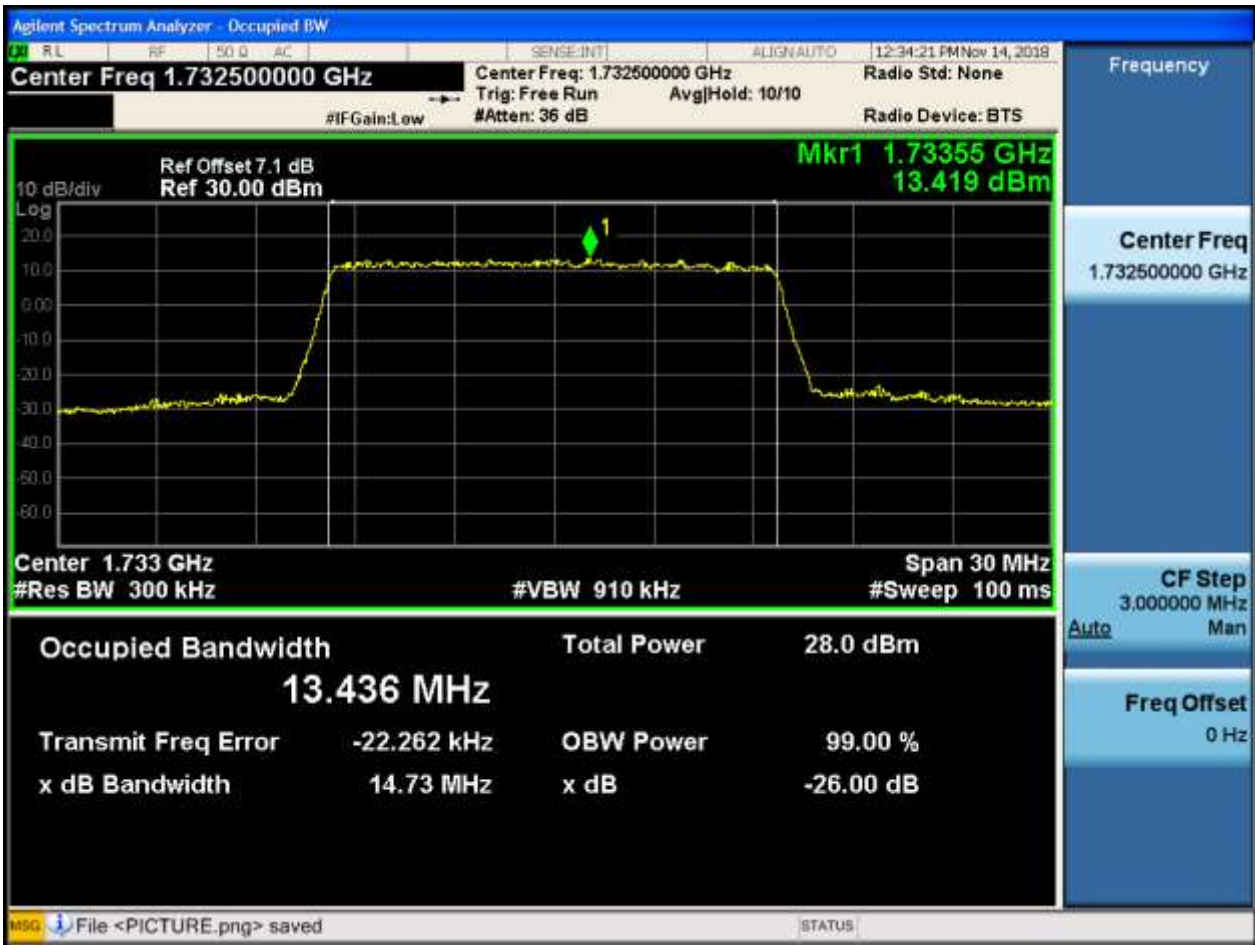
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



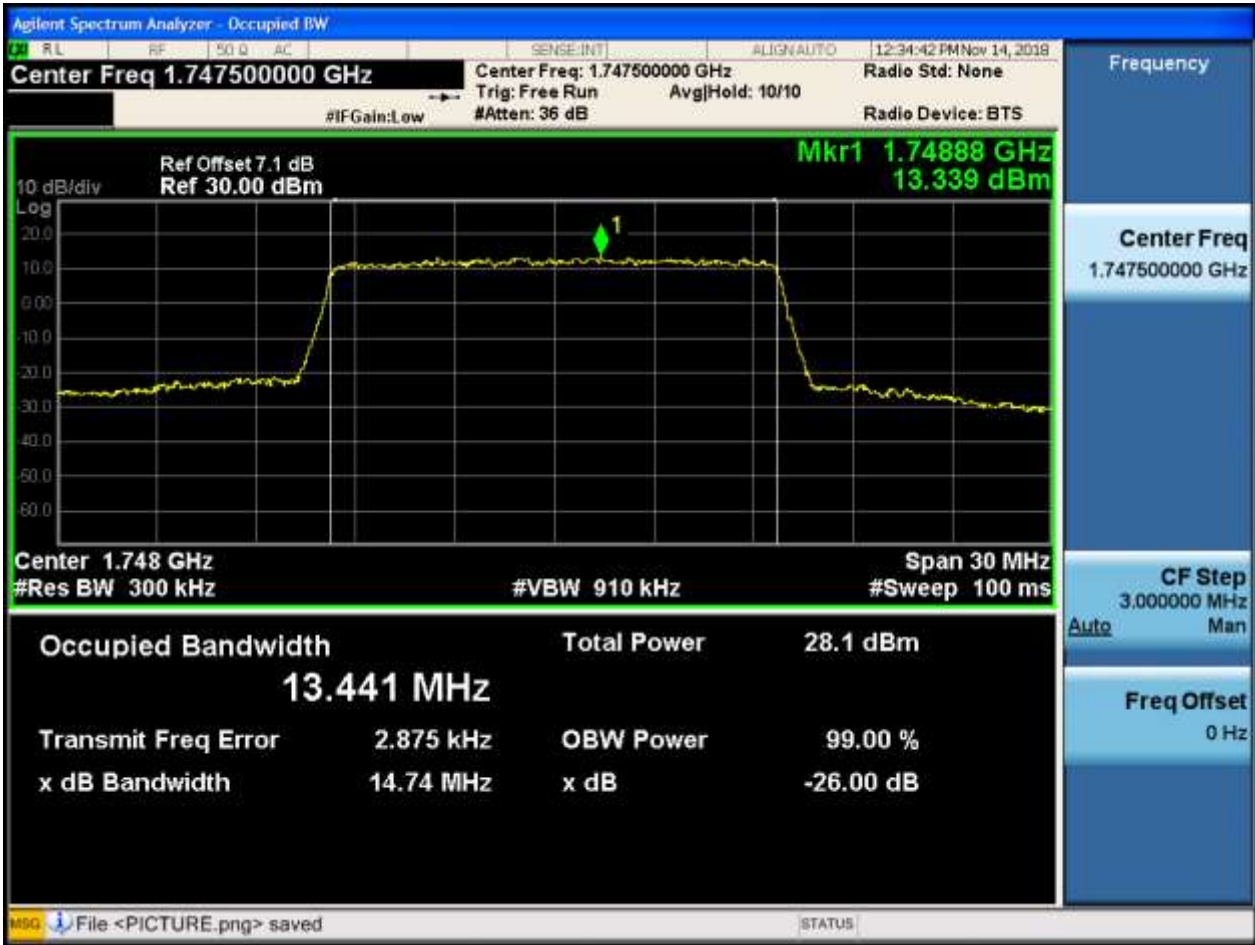
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

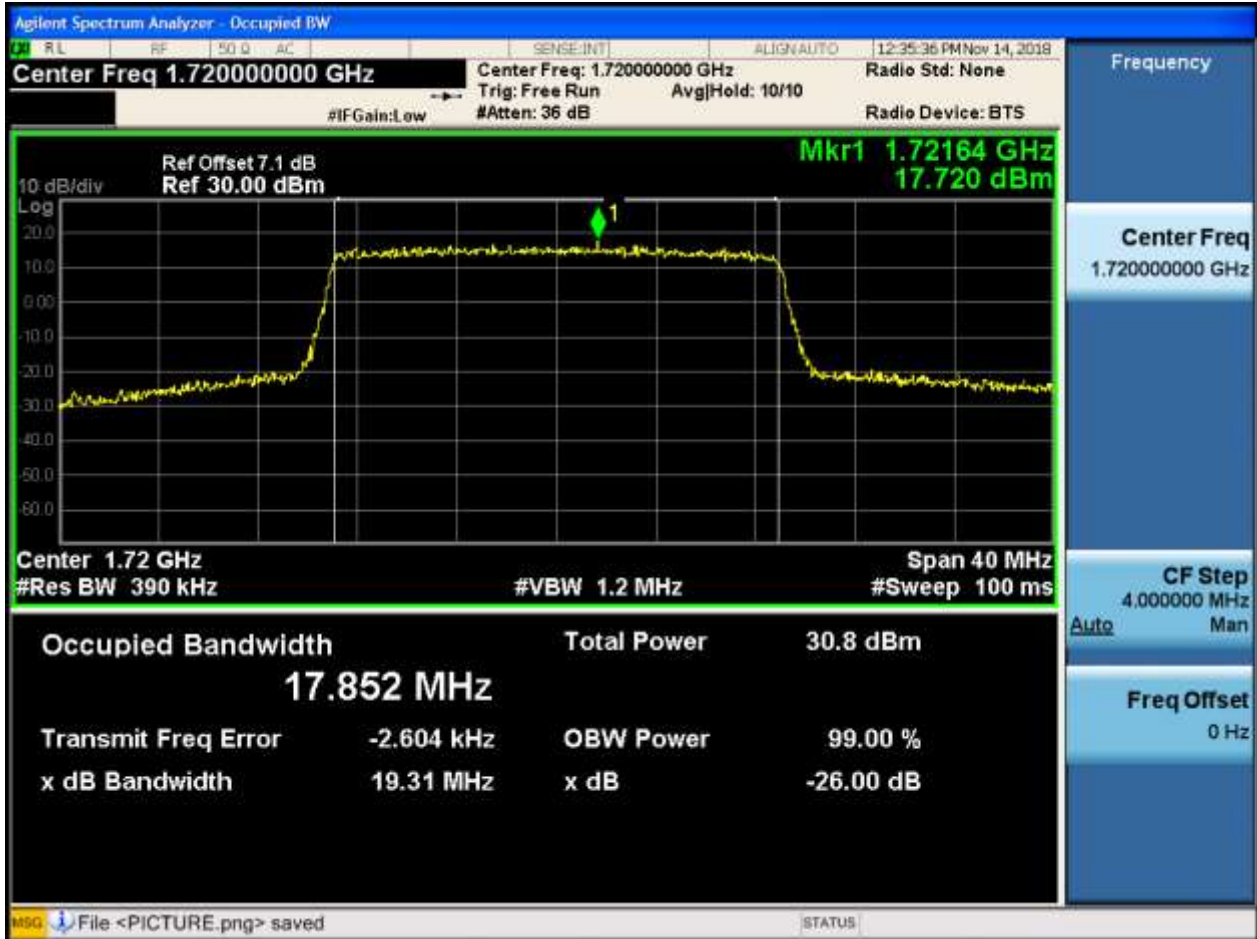
4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20

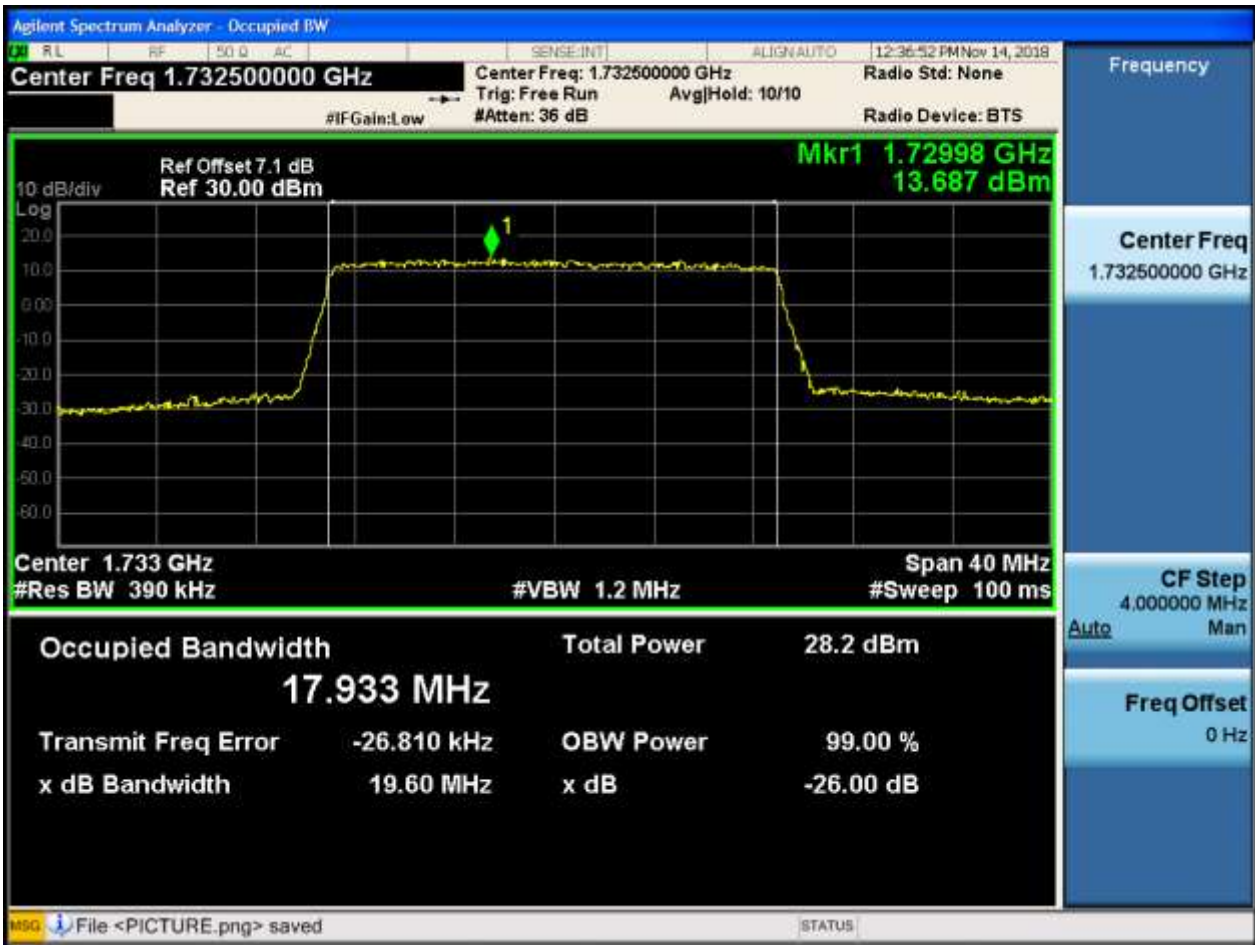
4.1.1.1.6.1 Test Channel = LCH

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

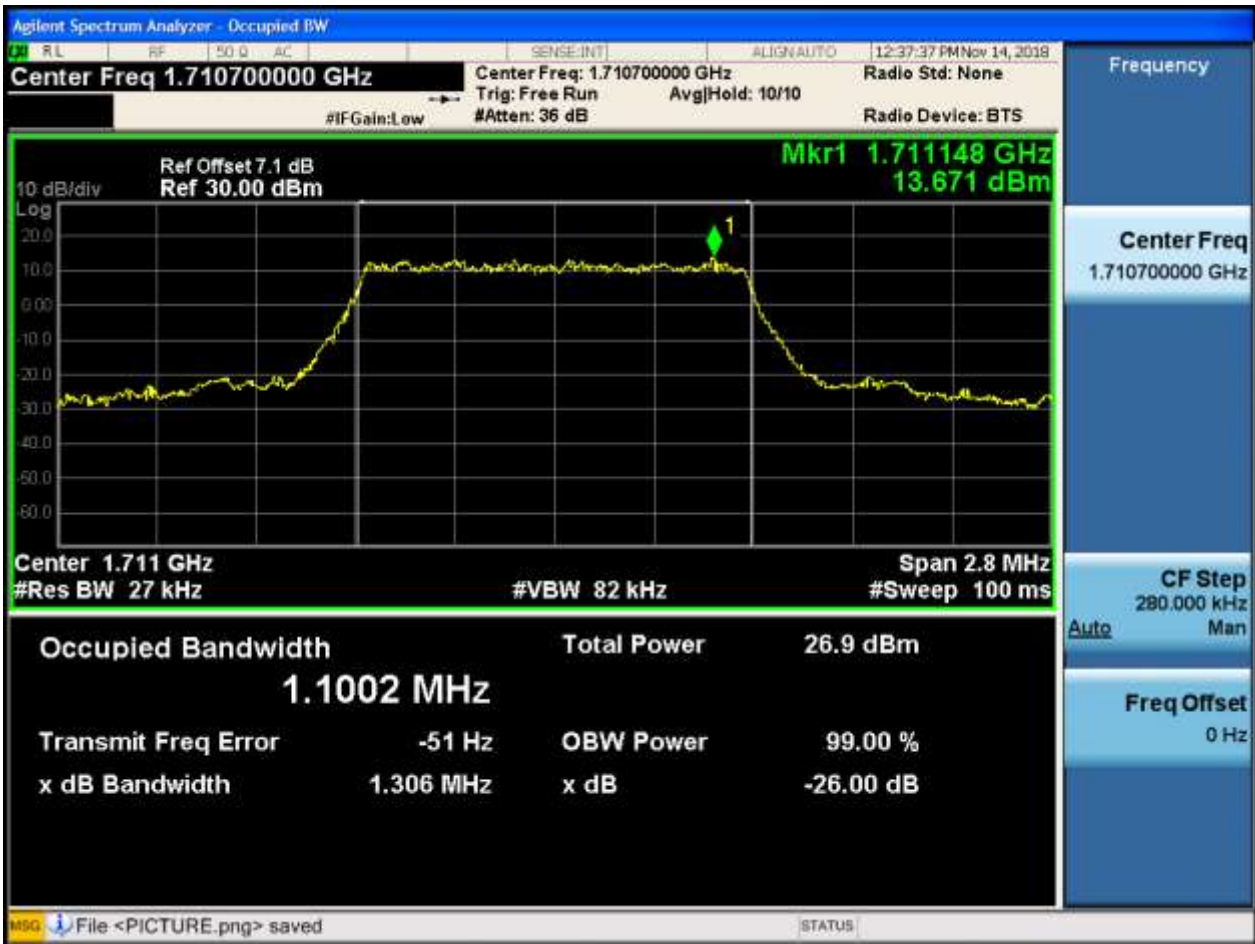


4.1.1.2 Test Mode = LTE/TM2

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

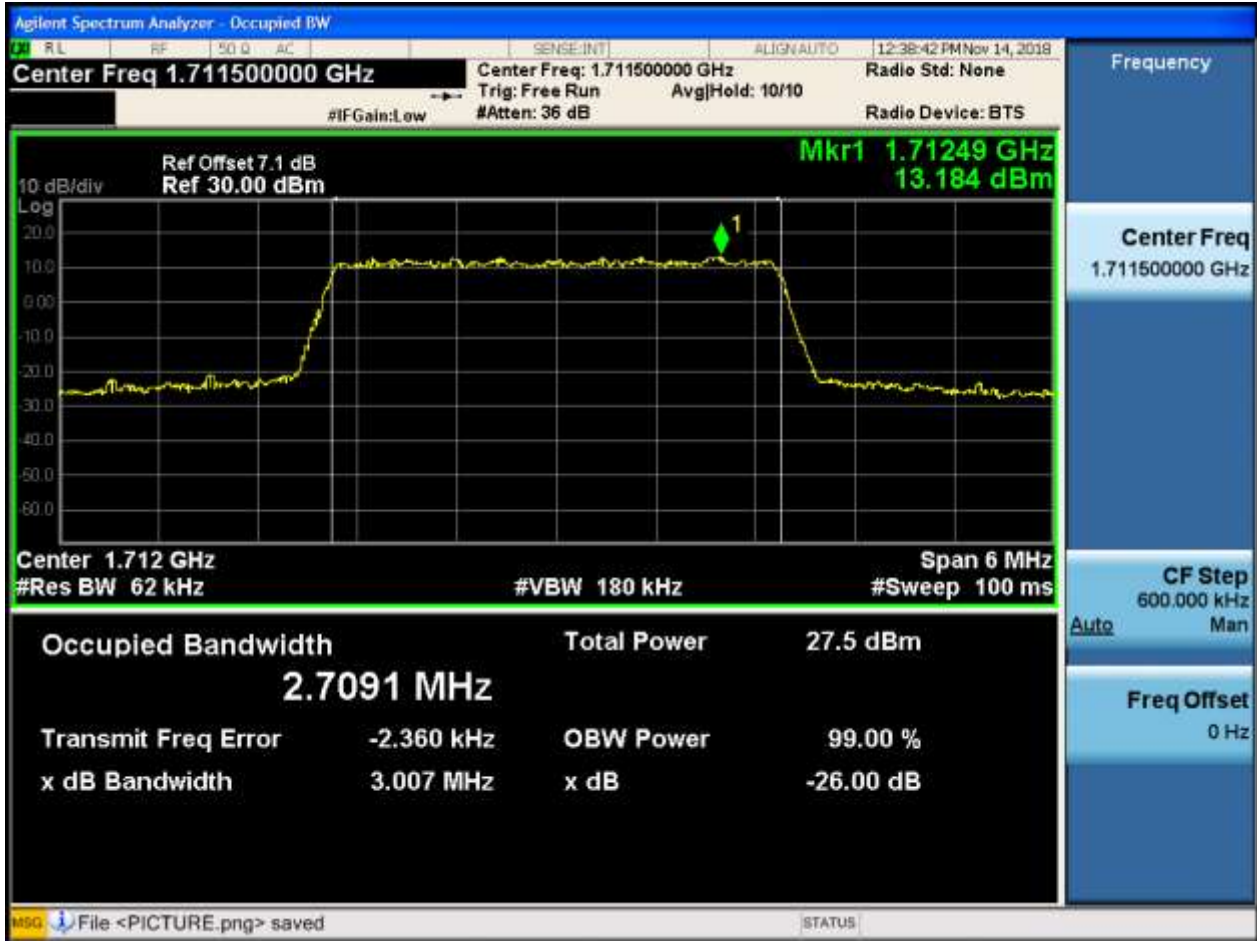
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

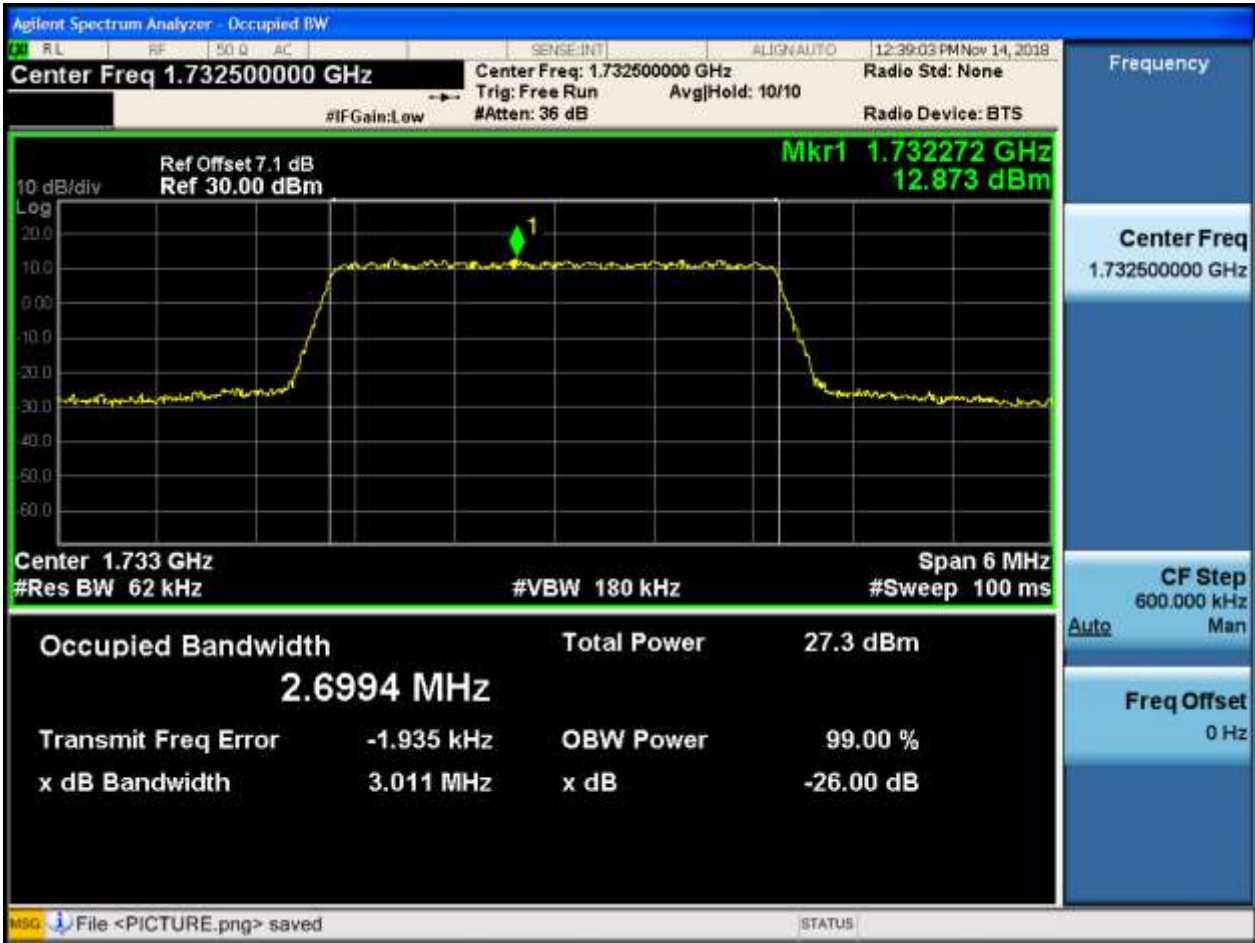
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2.2 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



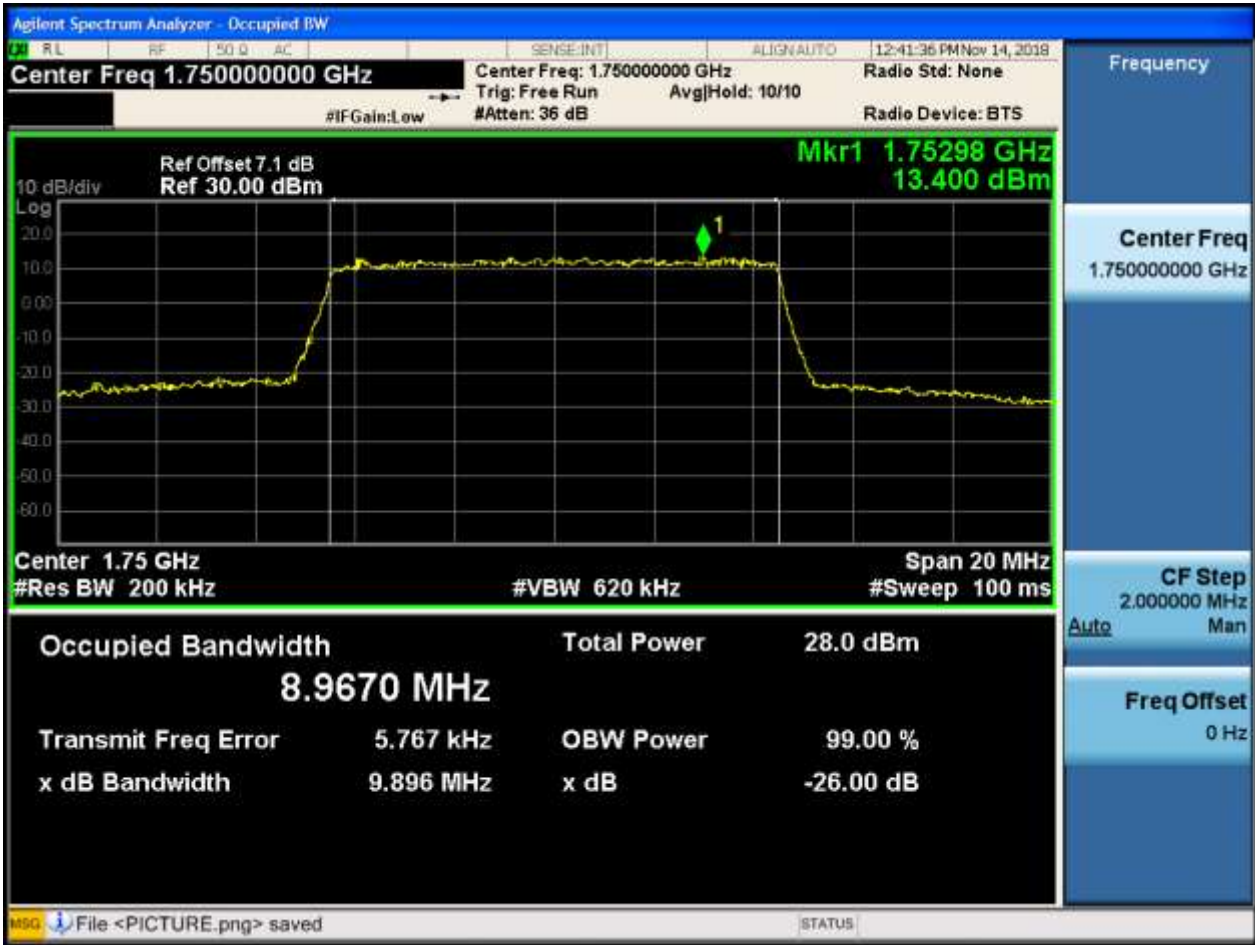
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

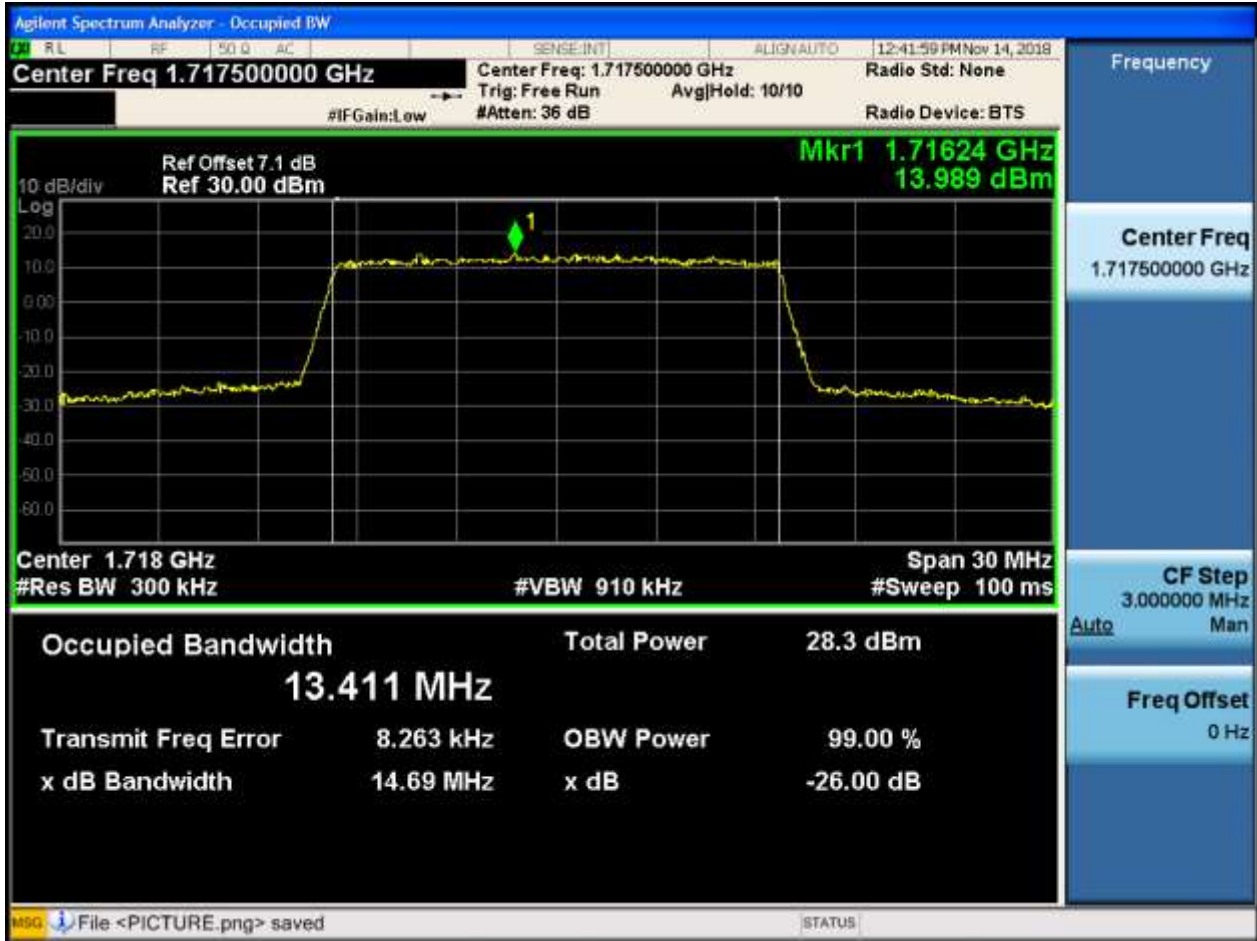
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

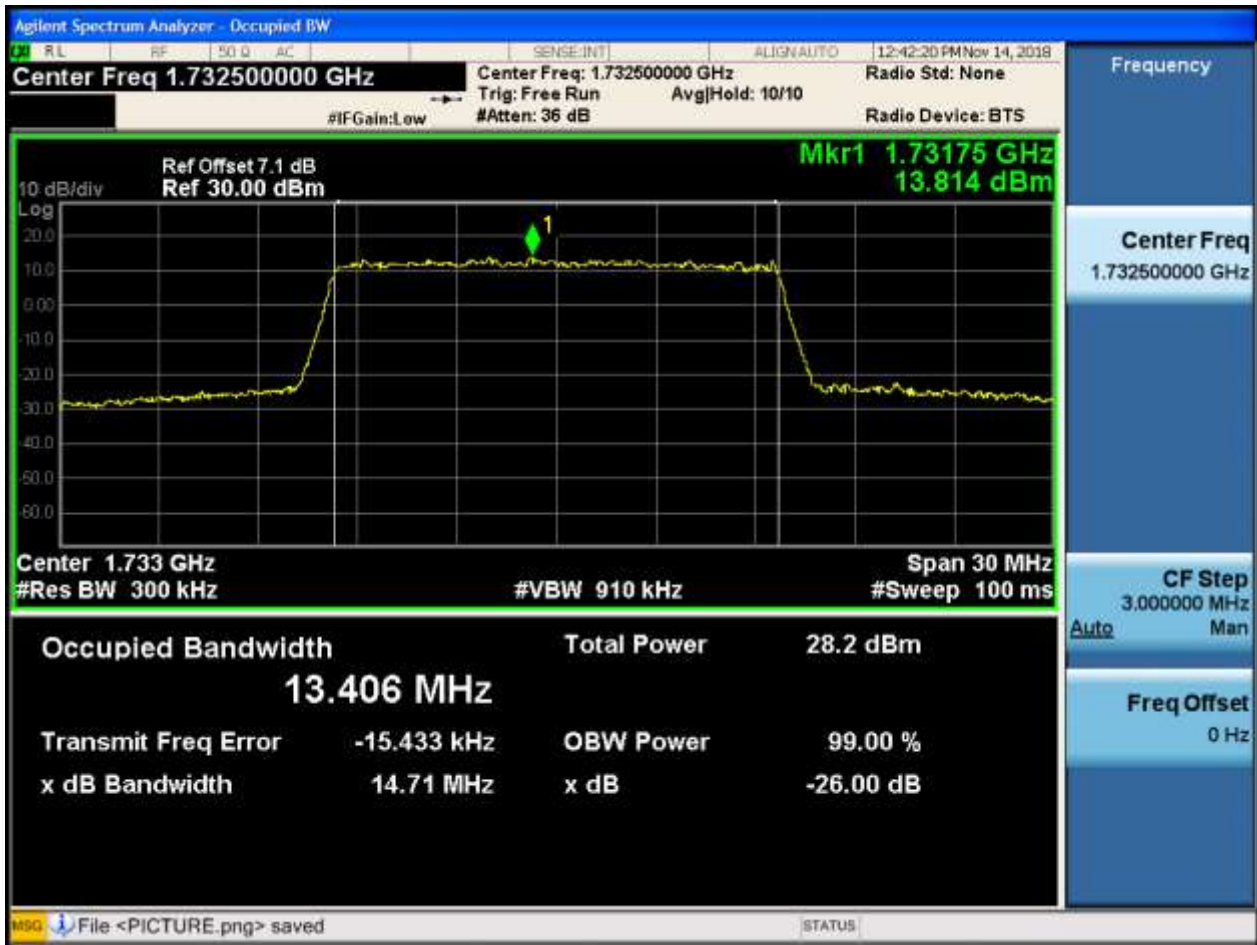
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



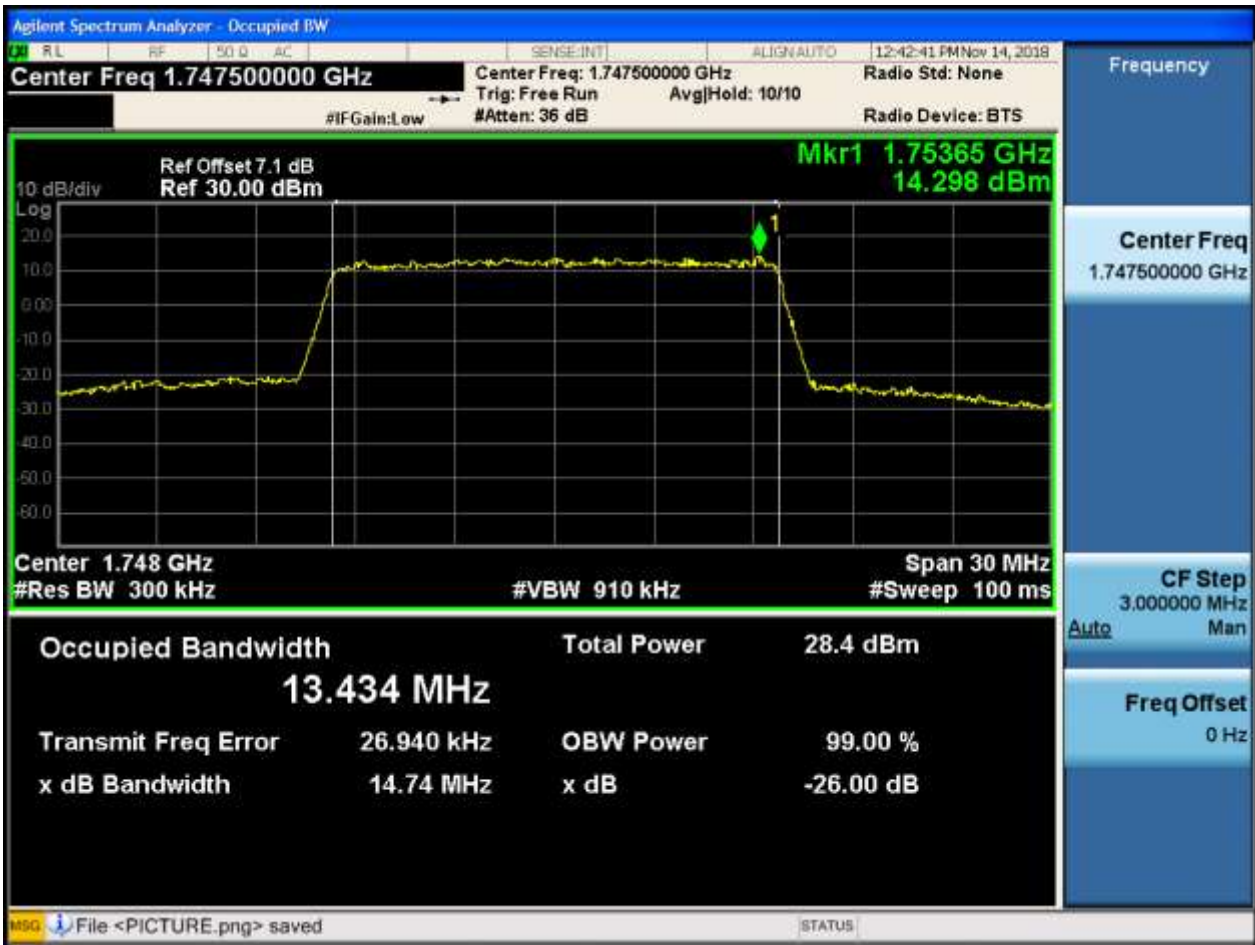
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

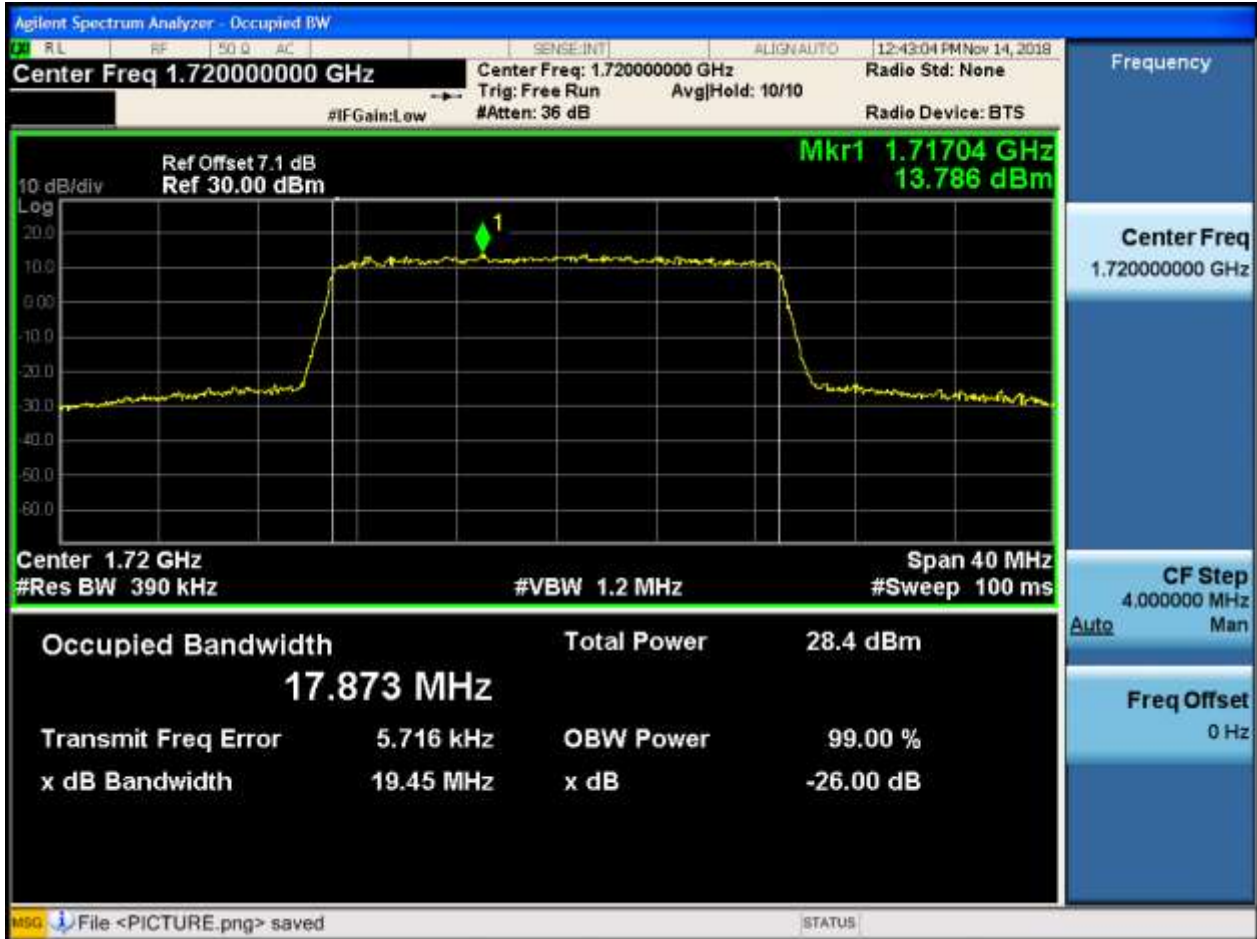
4.1.1.2.5.3.1 Test RB = RB75#0



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



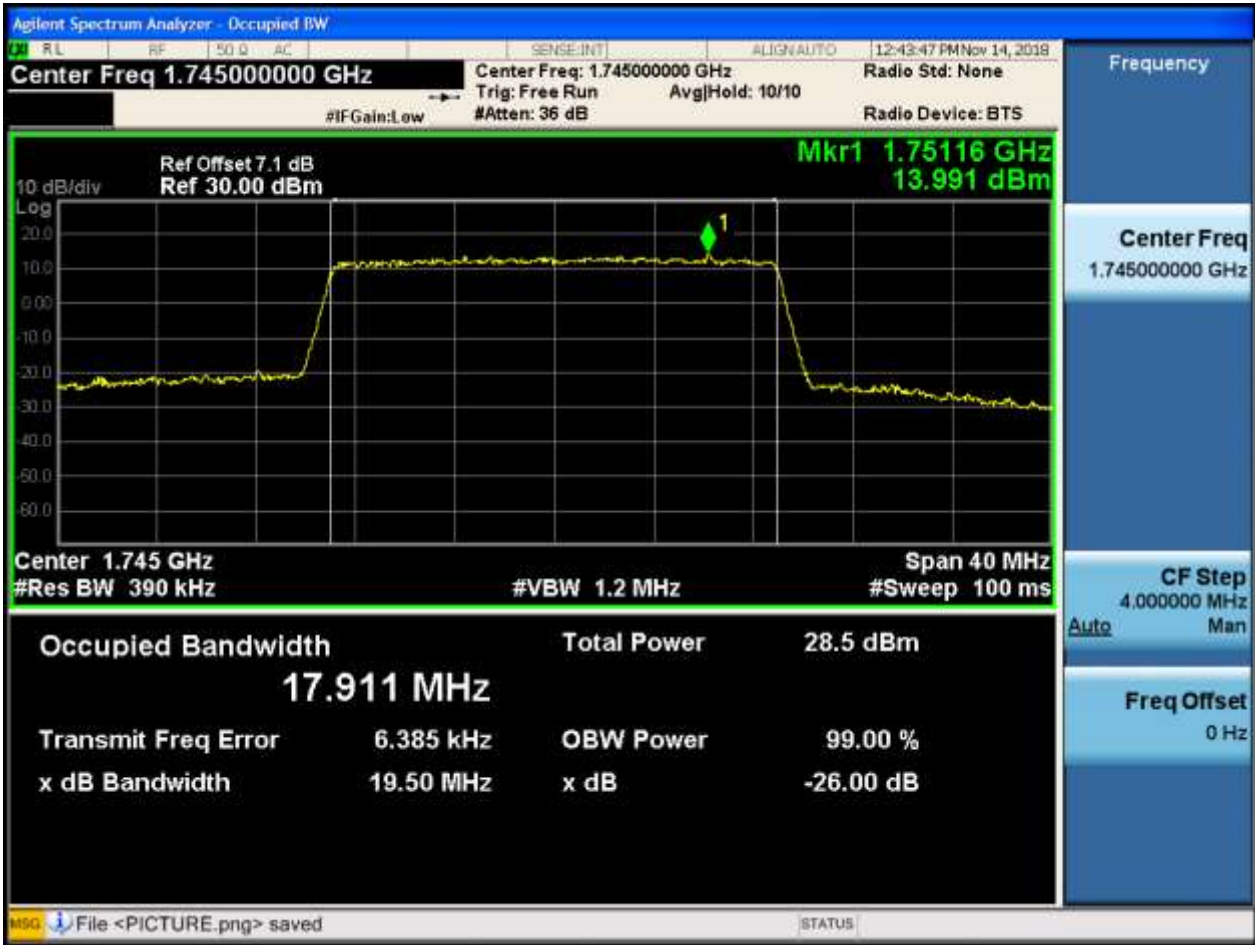
4.1.1.2.6.2 Test Channel = MCH

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

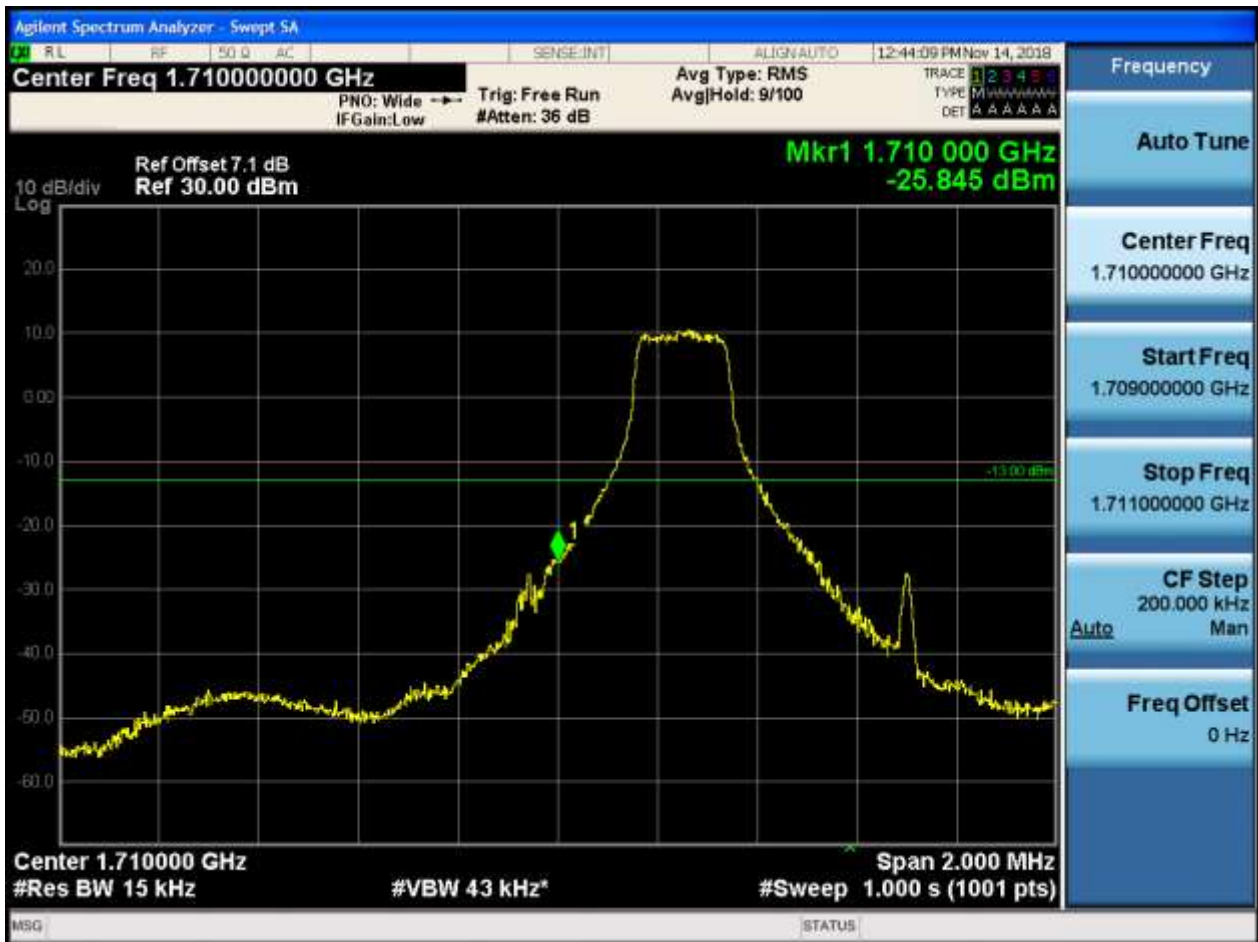
5.1.1 Test Band = BAND4

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



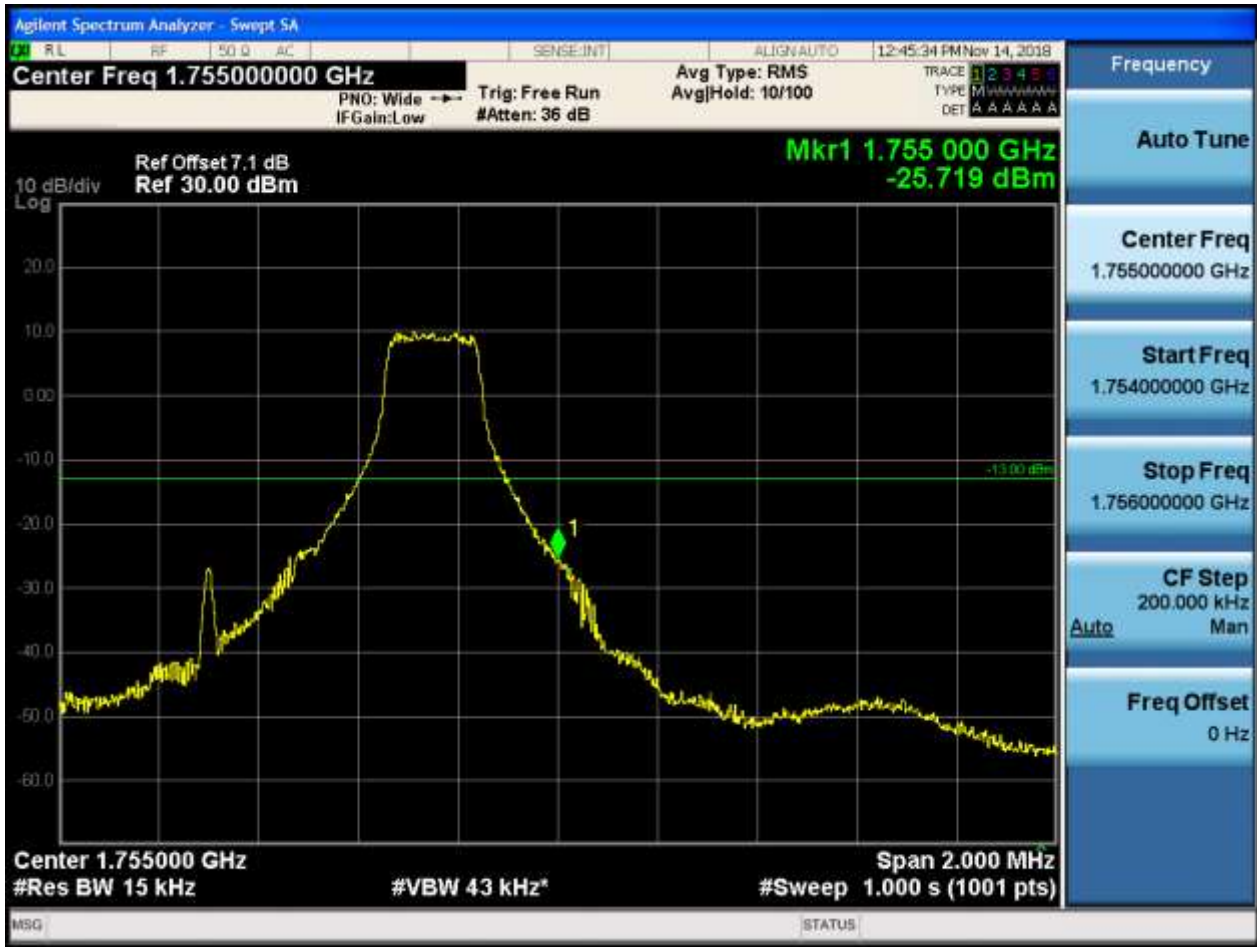
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





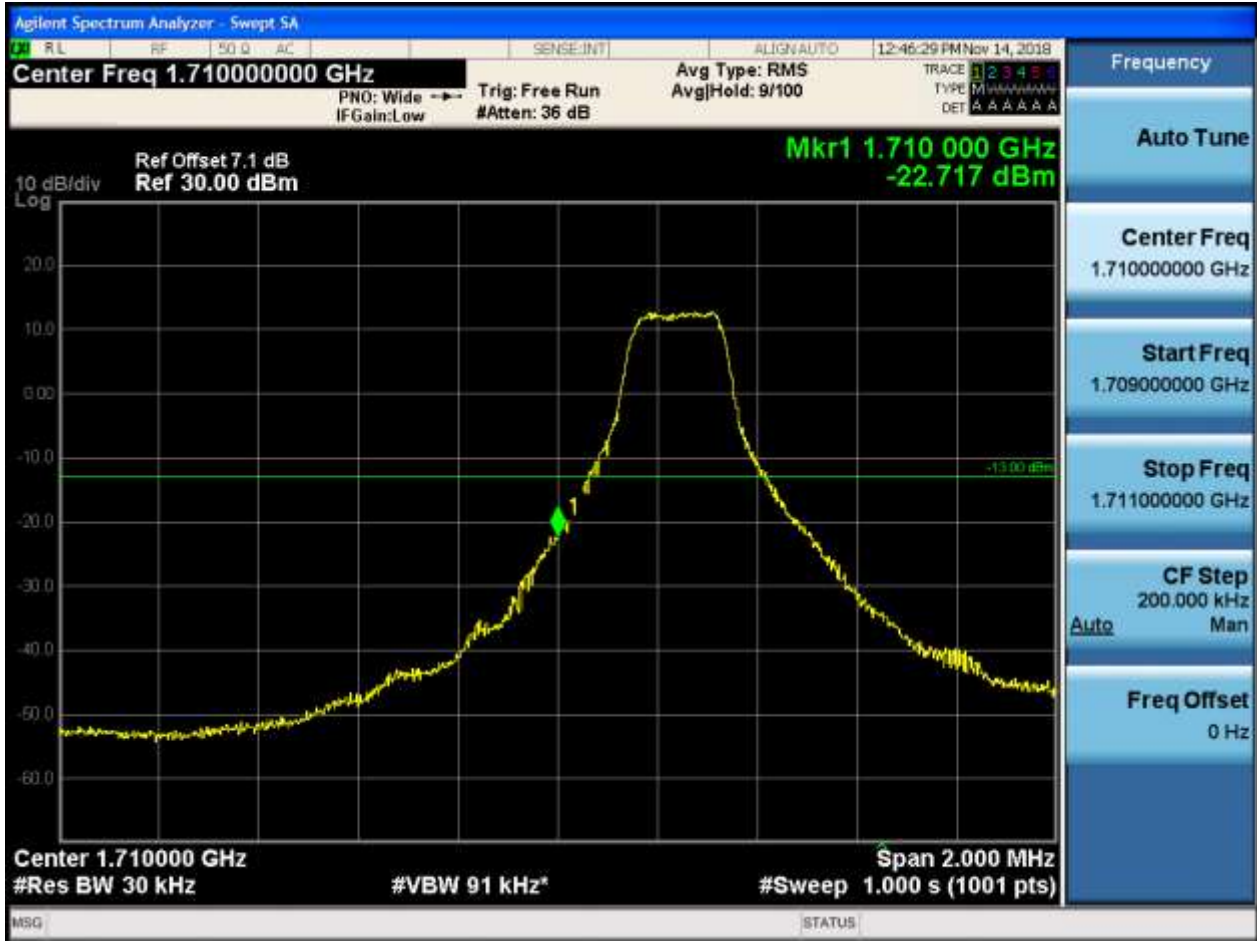
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

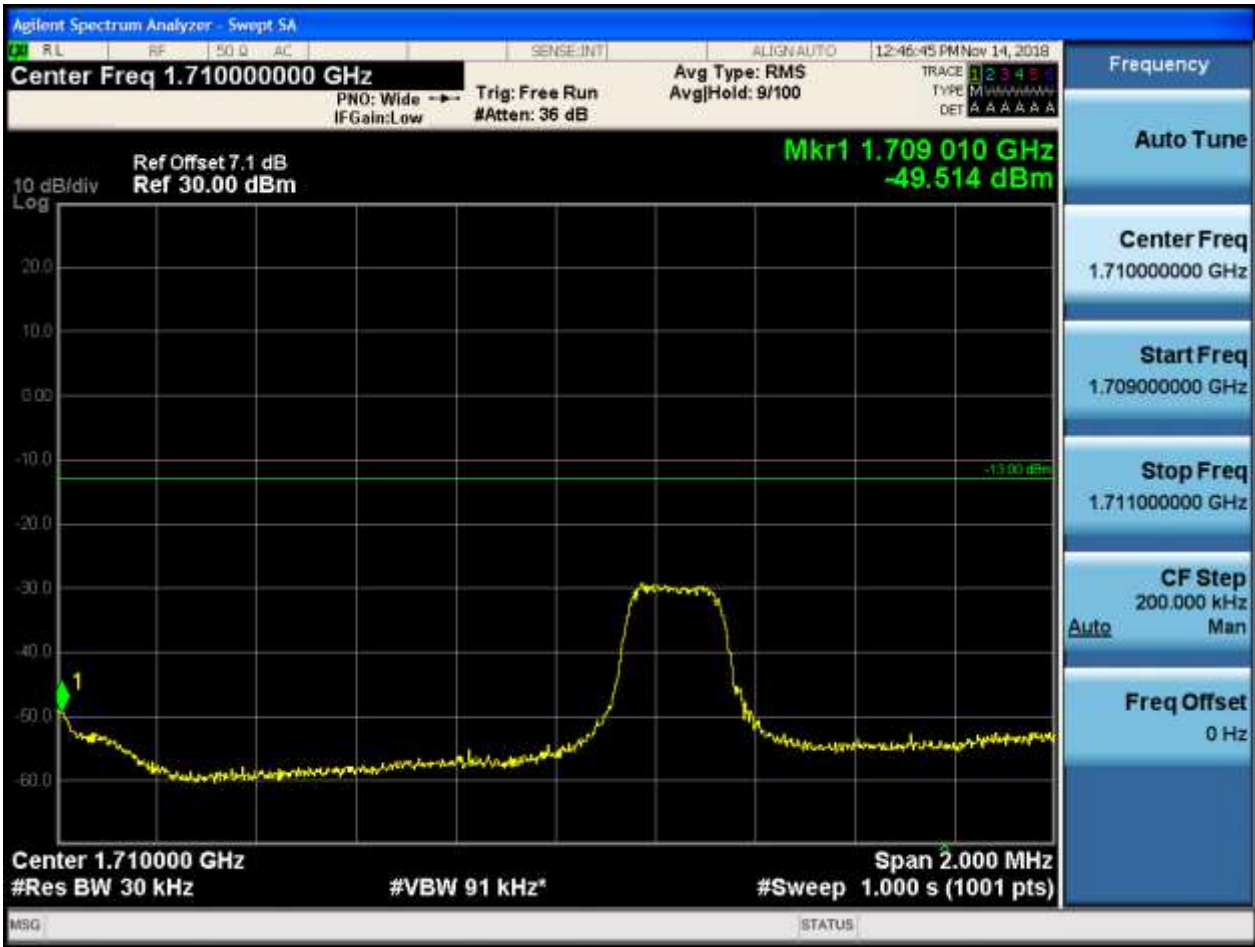
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4

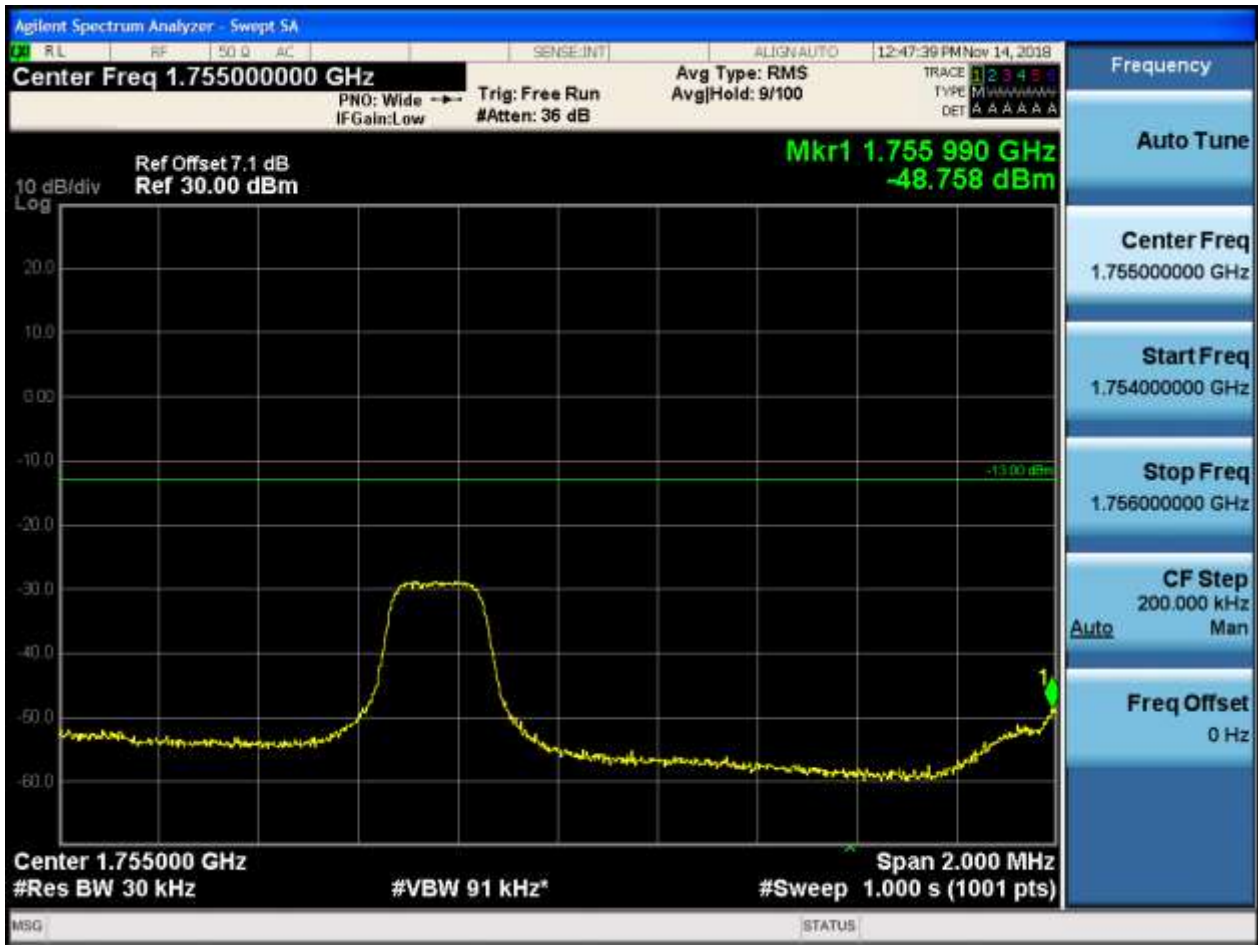


5.1.1.1.2.1.4 Test RB = RB15#0

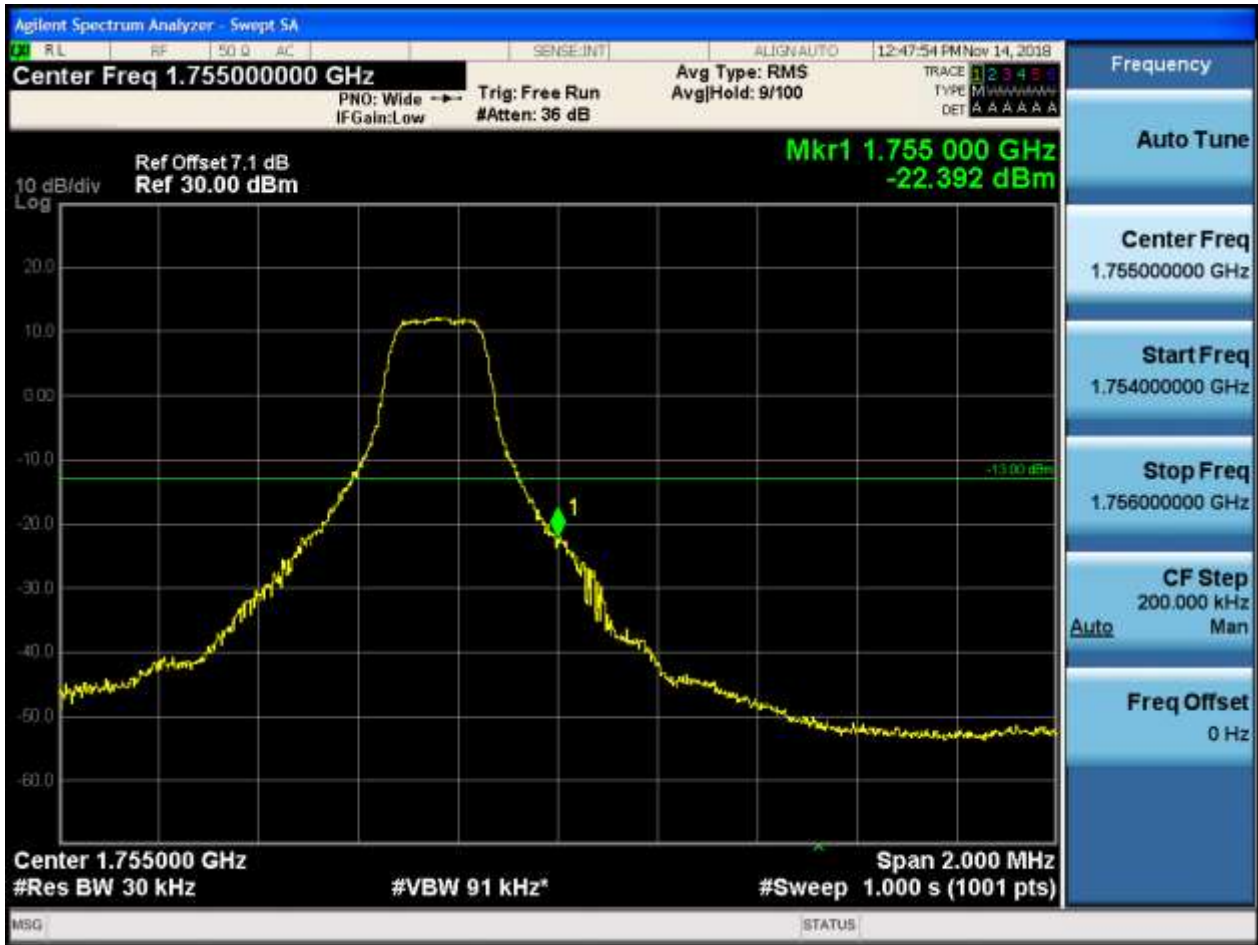


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

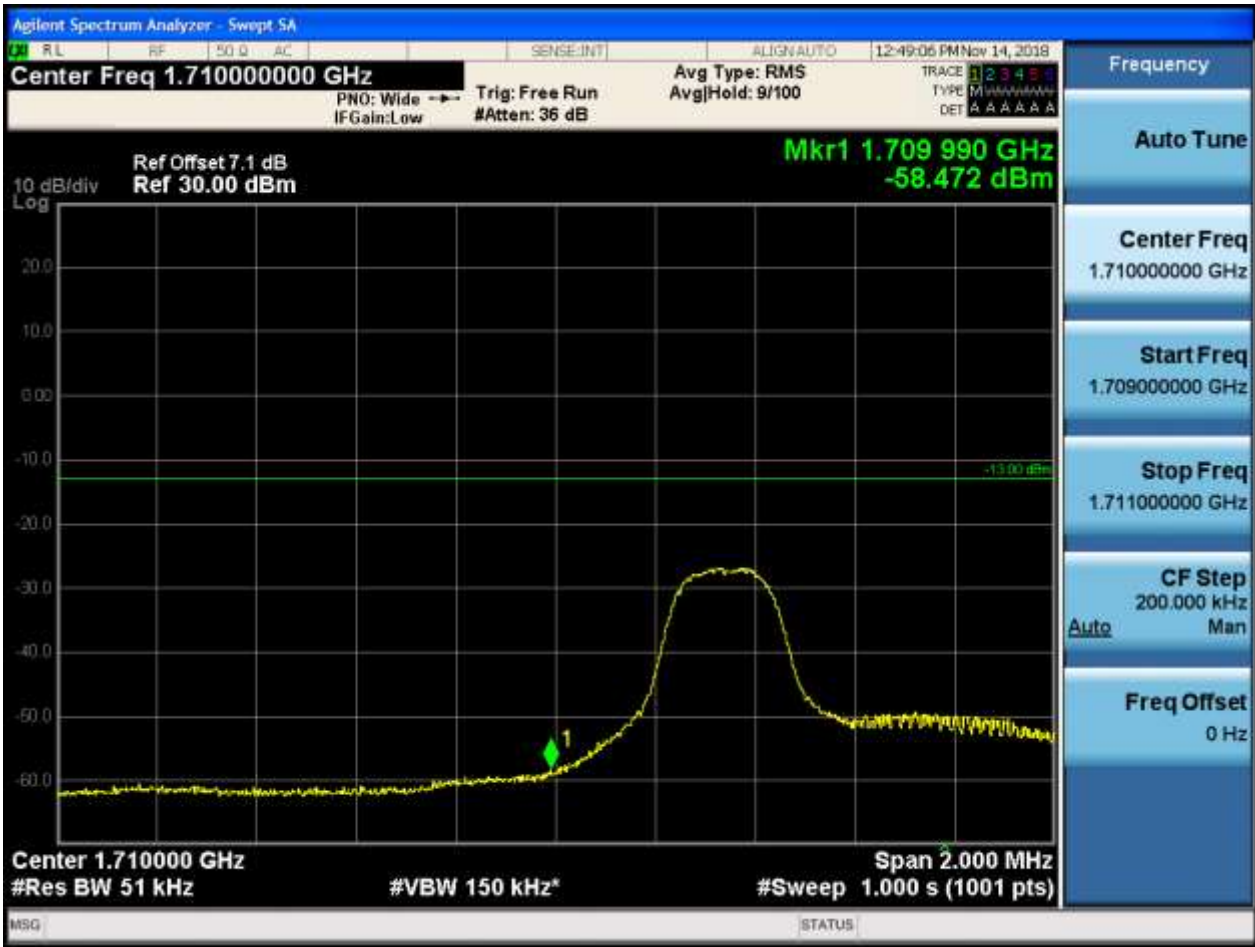
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6



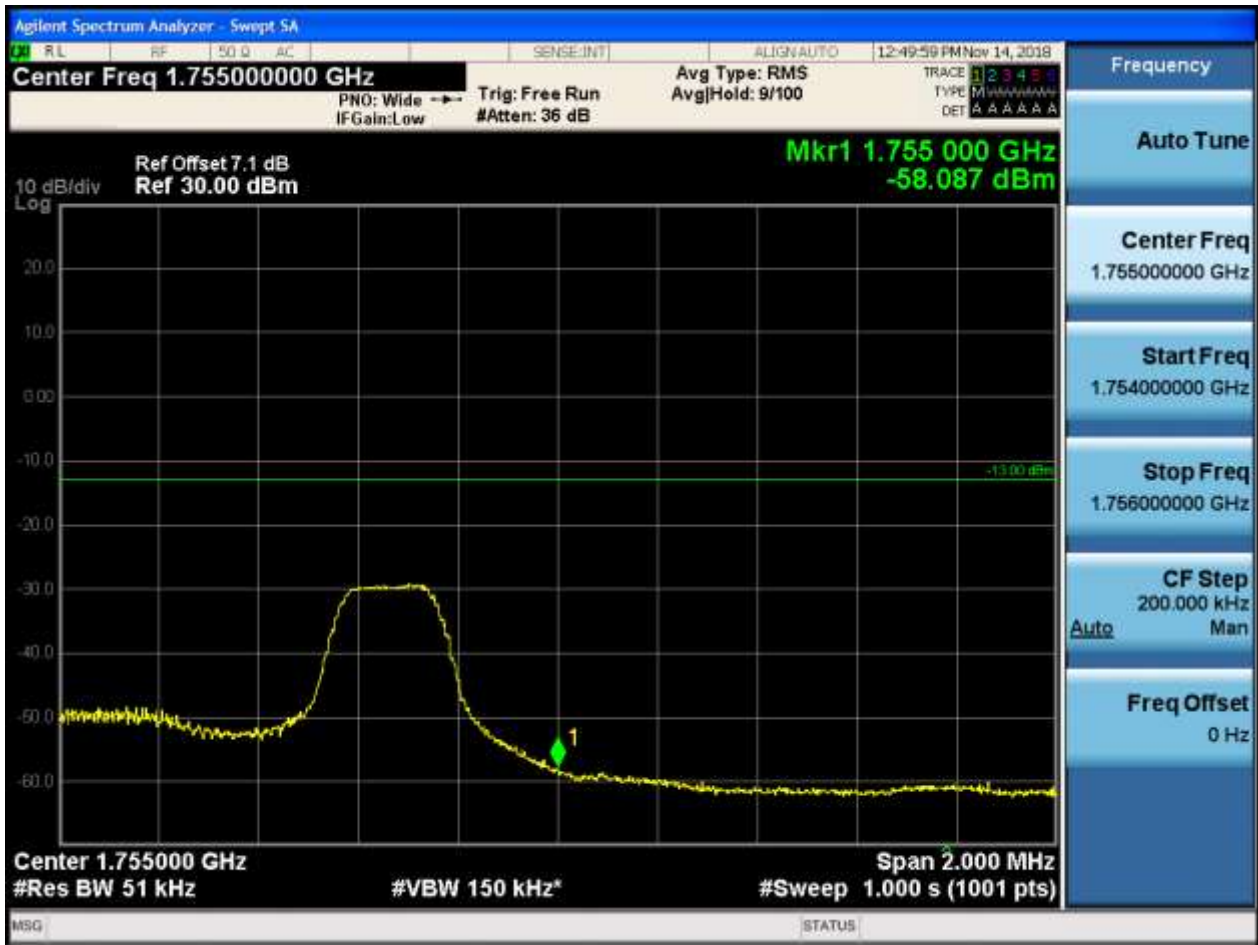


5.1.1.1.3.1.4 Test RB = RB25#0



5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





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



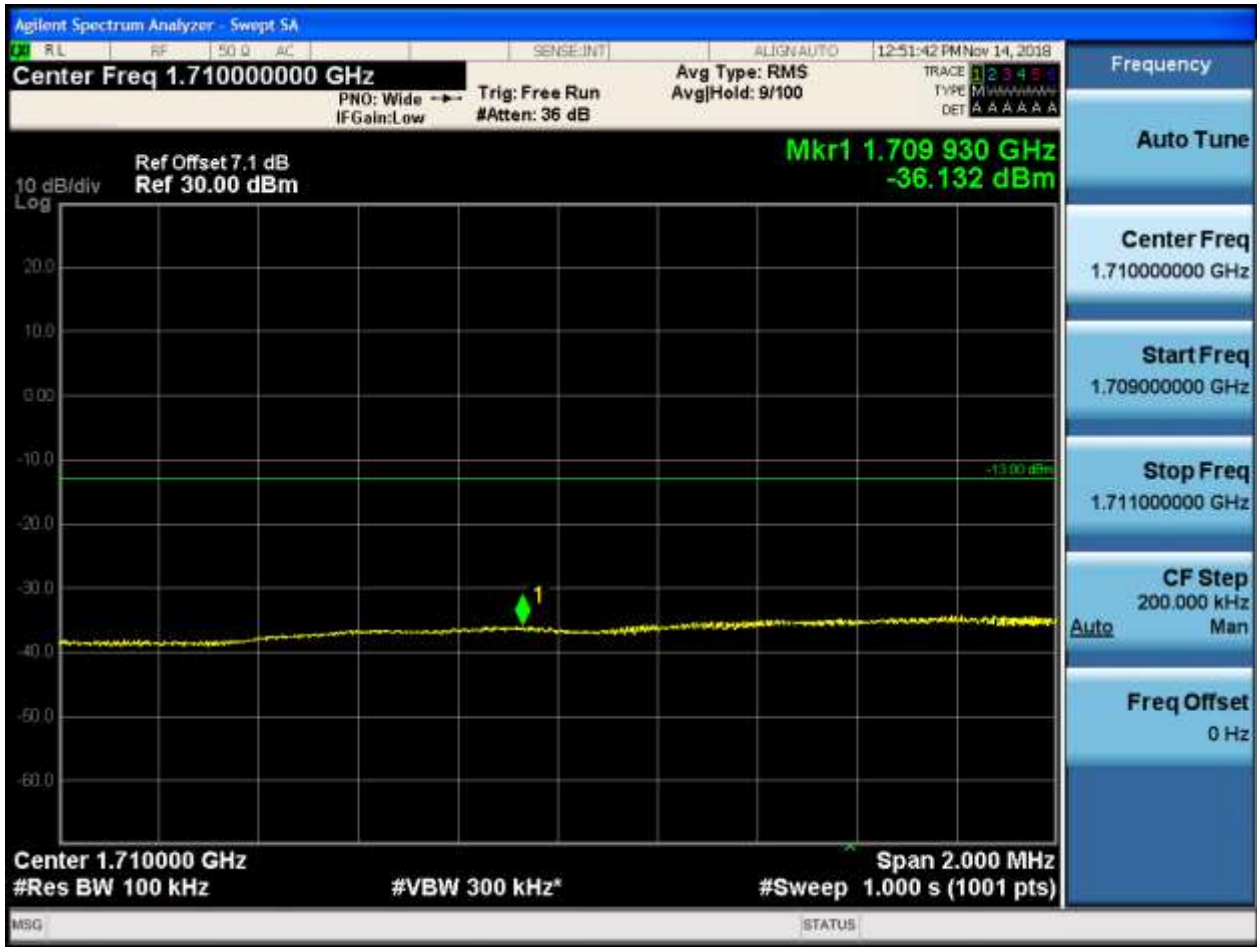


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13



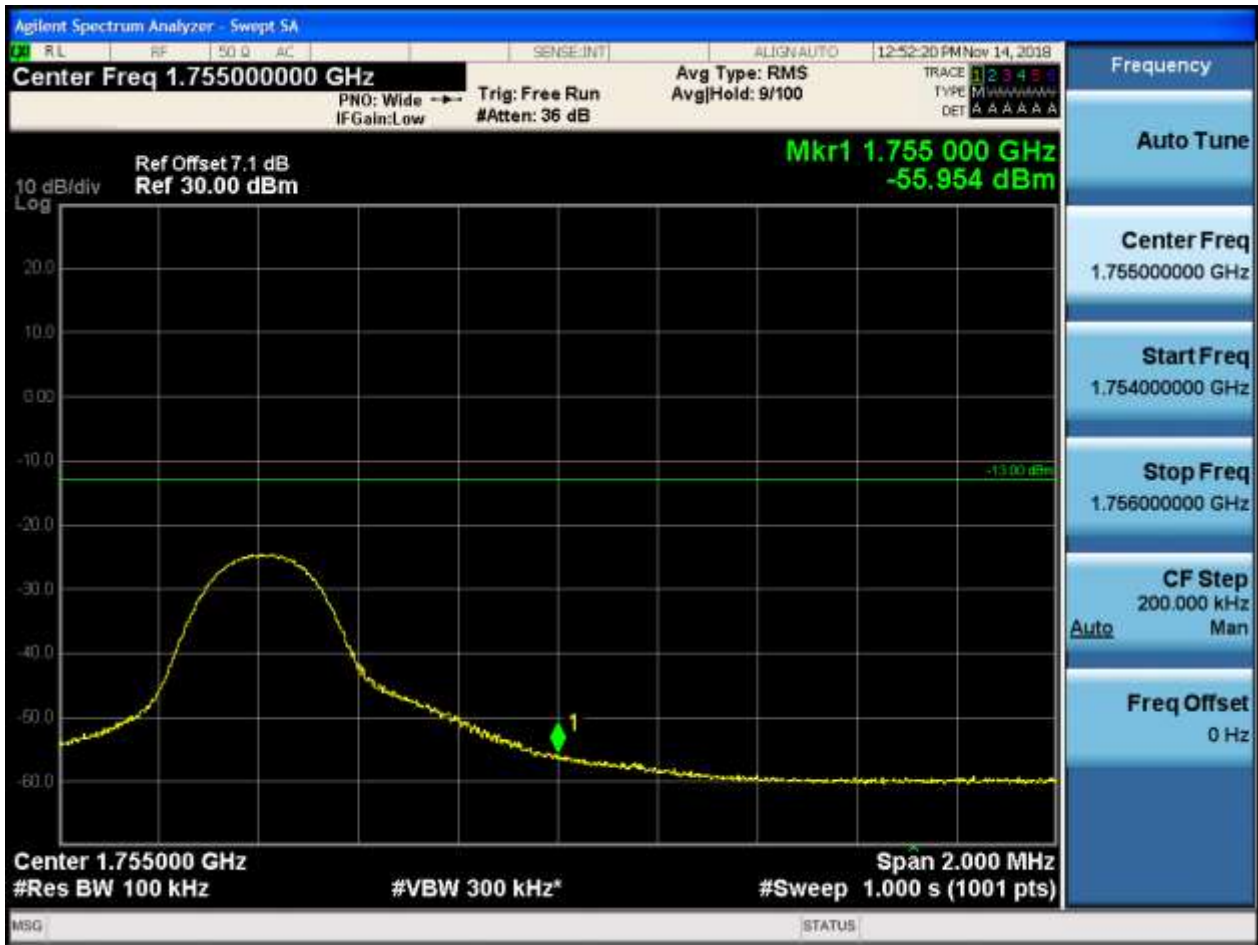


5.1.1.1.4.1.4 Test RB = RB50#0



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

