



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	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	23.38	23.36	30	PASS
				RB1#3	23.21	23.31	30	PASS
				RB1#5	23.49	23.58	30	PASS
				RB3#0	23.28	23.20	30	PASS
				RB3#2	23.04	22.97	30	PASS
				RB3#3	23.28	23.22	30	PASS
				RB6#0	21.87	21.95	30	PASS
			MCH	RB1#0	23.34	23.42	30	PASS
				RB1#3	22.99	23.06	30	PASS
				RB1#5	23.42	23.36	30	PASS
				RB3#0	23.45	23.42	30	PASS
				RB3#2	23.2	23.34	30	PASS
				RB3#3	23.39	23.30	30	PASS
				RB6#0	21.78	21.78	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
			HCH	RB1#0	23.4	23.29	30	PASS
				RB1#3	23.21	23.14	30	PASS
				RB1#5	23.53	23.40	30	PASS
				RB3#0	23.42	23.38	30	PASS
				RB3#2	23	22.91	30	PASS
				RB3#3	23.34	23.22	30	PASS
				RB6#0	21.89	21.91	30	PASS
		3	LCH	RB1#0	23.4	23.39	30	PASS
				RB1#7	22.56	22.52	30	PASS
				RB1#14	23.42	23.30	30	PASS
				RB8#0	21.78	21.90	30	PASS
				RB8#4	21.81	21.91	30	PASS
				RB8#7	21.83	21.94	30	PASS
				RB15#0	21.89	21.81	30	PASS
				MCH	RB1#0	23.4	23.44	30
RB1#7	22.85	22.82	30		PASS			
RB1#14	23.43	23.53	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict	
				RB8#0	21.77	21.83	30	PASS	
				RB8#4	21.85	21.99	30	PASS	
				RB8#7	21.87	21.96	30	PASS	
				RB15#0	21.84	21.85	30	PASS	
			HCH	RB1#0	23.52	23.60	30	PASS	
				RB1#7	23.07	23.03	30	PASS	
				RB1#14	23.53	23.49	30	PASS	
				RB8#0	21.85	21.85	30	PASS	
				RB8#4	21.76	21.80	30	PASS	
				RB8#7	21.88	21.98	30	PASS	
				RB15#0	21.92	21.87	30	PASS	
				5	LCH	RB1#0	23.44	23.50	30
			RB1#13			23.45	23.61	30	PASS
			RB1#24			23.45	23.43	30	PASS
		RB12#0	21.97			22.00	30	PASS	
		RB12#6	22			21.93	30	PASS	
		RB12#13	22			21.98	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB25#0	21.94	21.87	30	PASS
			MCH	RB1#0	23.43	23.36	30	PASS
				RB1#13	23.34	23.42	30	PASS
				RB1#24	23.43	23.45	30	PASS
				RB12#0	21.94	22.05	30	PASS
				RB12#6	21.73	21.64	30	PASS
				RB12#13	21.89	21.75	30	PASS
				RB25#0	21.96	22.12	30	PASS
				HCH	RB1#0	23.34	23.23	30
			RB1#13		23.46	23.40	30	PASS
			RB1#24		23.49	23.60	30	PASS
			RB12#0		21.97	21.95	30	PASS
			RB12#6		21.91	21.97	30	PASS
			RB12#13		21.93	21.93	30	PASS
			RB25#0		21.91	21.88	30	PASS
		10	LCH	RB1#0	23.39	23.52	30	PASS
				RB1#25	23.39	23.28	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB1#49	23.44	23.35	30	PASS
				RB25#0	21.93	21.83	30	PASS
				RB25#13	21.96	22.09	30	PASS
				RB25#25	21.91	22.03	30	PASS
				RB50#0	21.95	22.05	30	PASS
			MCH	RB1#0	23.44	23.31	30	PASS
			MCH	RB1#25	23.56	23.69	30	PASS
			MCH	RB1#49	23.46	23.52	30	PASS
			MCH	RB25#0	21.97	22.07	30	PASS
			MCH	RB25#13	21.9	22.00	30	PASS
			MCH	RB25#25	21.94	21.97	30	PASS
			MCH	RB50#0	21.89	21.82	30	PASS
			HCH	RB1#0	23.39	23.55	30	PASS
			HCH	RB1#25	22.88	23.02	30	PASS
			HCH	RB1#49	23.47	23.61	30	PASS
			HCH	RB25#0	21.84	21.85	30	PASS
			HCH	RB25#13	22.01	22.03	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict	
				RB25#25	21.91	21.93	30	PASS	
				RB50#0	21.86	21.74	30	PASS	
		15	LCH	RB1#0	23.43	23.38	30	PASS	
				RB1#38	21.45	21.59	30	PASS	
				RB1#74	21.34	21.34	30	PASS	
				RB38#0	21.42	21.45	30	PASS	
				RB38#19	21.36	21.35	30	PASS	
				RB38#39	21.47	21.33	30	PASS	
				RB75#0	21.42	21.42	30	PASS	
				MCH	RB1#0	23.42	23.56	30	PASS
					RB1#38	23.49	23.57	30	PASS
					RB1#74	23.43	23.36	30	PASS
					RB38#0	21.91	21.82	30	PASS
					RB38#19	21.89	22.04	30	PASS
					RB38#39	21.94	22.03	30	PASS
					RB75#0	21.95	22.04	30	PASS
HCH	RB1#0	23.29	23.37	30	PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB1#38	23.37	23.29	30	PASS
				RB1#74	23.34	23.23	30	PASS
				RB38#0	21.89	21.84	30	PASS
				RB38#19	21.87	21.78	30	PASS
				RB38#39	21.96	21.84	30	PASS
				RB75#0	21.88	21.98	30	PASS
				RB1#0	23.41	23.33	30	PASS
				RB1#50	23.48	23.38	30	PASS
				RB1#99	23.59	23.61	30	PASS
			LCH	RB50#0	21.93	21.84	30	PASS
				RB50#25	21.91	21.80	30	PASS
		20		RB50#50	21.94	21.94	30	PASS
				RB100#0	21.94	22.06	30	PASS
				RB1#0	23.5	23.39	30	PASS
			MCH	RB1#50	23.34	23.49	30	PASS
				RB1#99	23.48	23.37	30	PASS
				RB50#0	21.92	22.00	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB50#25	21.9	21.95	30	PASS
				RB50#50	21.92	21.97	30	PASS
				RB100#0	21.94	21.83	30	PASS
			HCH	RB1#0	23.46	23.55	30	PASS
				RB1#50	23.16	23.14	30	PASS
				RB1#99	23.56	23.51	30	PASS
				RB50#0	21.88	21.88	30	PASS
				RB50#25	21.88	21.76	30	PASS
				RB50#50	21.94	21.91	30	PASS
				RB100#0	21.91	21.79	30	PASS
				LCH	RB1#0	21.92	22.04	30
			RB1#3		21.94	22.04	30	PASS
			RB1#5		21.68	21.83	30	PASS
			RB3#0		21.94	22.10	30	PASS
			RB3#2		22.06	22.18	30	PASS
RB3#3	22.02	22.11	30		PASS			
RB6#0	20.85	20.72	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
			MCH	RB1#0	22.4	22.40	30	PASS
				RB1#3	22.23	22.29	30	PASS
				RB1#5	22.41	22.42	30	PASS
				RB3#0	21.96	21.86	30	PASS
				RB3#2	21.75	21.73	30	PASS
				RB3#3	21.95	22.09	30	PASS
				RB6#0	20.87	20.98	30	PASS
			HCH	RB1#0	21.98	21.92	30	PASS
				RB1#3	21.9	21.94	30	PASS
				RB1#5	21.99	22.10	30	PASS
				RB3#0	21.98	21.93	30	PASS
				RB3#2	21.9	21.93	30	PASS
				RB3#3	21.94	21.82	30	PASS
				RB6#0	20.79	20.77	30	PASS
		3	LCH	RB1#0	21.91	21.94	30	PASS
RB1#7	21.46			21.41	30	PASS		
RB1#14	21.92			22.04	30	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB8#0	20.75	20.80	30	PASS
				RB8#4	20.81	20.90	30	PASS
				RB8#7	20.79	20.85	30	PASS
				RB15#0	20.82	20.79	30	PASS
			MCH	RB1#0	22.15	22.18	30	PASS
				RB1#7	21.45	21.59	30	PASS
				RB1#14	22.14	22.22	30	PASS
				RB8#0	20.77	20.71	30	PASS
				RB8#4	20.8	20.73	30	PASS
				RB8#7	20.7	20.65	30	PASS
				RB15#0	20.85	20.81	30	PASS
				HCH	RB1#0	21.92	22.05	30
			RB1#7		21.2	21.23	30	PASS
			RB1#14		21.92	21.98	30	PASS
			RB8#0		20.77	20.83	30	PASS
			RB8#4		20.67	20.68	30	PASS
			RB8#7		20.86	20.79	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB15#0	20.79	20.75	30	PASS
		5	LCH	RB1#0	22.01	21.88	30	PASS
				RB1#13	22.03	21.96	30	PASS
				RB1#24	22.03	22.04	30	PASS
				RB12#0	20.77	20.85	30	PASS
				RB12#6	20.81	20.68	30	PASS
				RB12#13	20.81	20.73	30	PASS
				RB25#0	20.81	20.78	30	PASS
				MCH	RB1#0	22.16	22.18	30
			RB1#13		22.1	22.18	30	PASS
			RB1#24		22.12	22.20	30	PASS
			RB12#0		20.94	20.85	30	PASS
			RB12#6		20.82	20.81	30	PASS
			RB12#13		20.93	20.90	30	PASS
			RB25#0		20.81	20.97	30	PASS
			HCH	RB1#0	22.26	22.17	30	PASS
				RB1#13	22.23	22.11	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict	
				RB1#24	22.28	22.31	30	PASS	
				RB12#0	20.88	20.78	30	PASS	
				RB12#6	20.89	20.86	30	PASS	
				RB12#13	20.94	21.10	30	PASS	
				RB25#0	20.88	20.97	30	PASS	
		10	LCH	RB1#0	22.03	22.07	30	PASS	
				RB1#25	21.83	21.91	30	PASS	
				RB1#49	22.15	22.29	30	PASS	
				RB25#0	20.83	20.76	30	PASS	
				RB25#13	20.91	20.82	30	PASS	
				RB25#25	20.88	21.00	30	PASS	
				RB50#0	20.84	20.79	30	PASS	
				MCH	RB1#0	22.01	22.06	30	PASS
					RB1#25	21.59	21.71	30	PASS
					RB1#49	22.05	22.17	30	PASS
					RB25#0	20.93	21.01	30	PASS
					RB25#13	20.88	21.01	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB25#25	20.9	20.90	30	PASS
				RB50#0	20.87	20.78	30	PASS
			HCH	RB1#0	21.98	22.07	30	PASS
				RB1#25	21.67	21.69	30	PASS
				RB1#49	22.04	21.98	30	PASS
				RB25#0	20.77	20.76	30	PASS
				RB25#13	20.84	20.98	30	PASS
				RB25#25	20.81	20.92	30	PASS
				RB50#0	20.82	20.86	30	PASS
				15	LCH	RB1#0	21.92	21.89
		RB1#38	21.99			22.07	30	PASS
		RB1#74	21.93			22.04	30	PASS
		RB38#0	20.8			20.92	30	PASS
		RB38#19	20.87			20.98	30	PASS
		RB38#39	20.91			20.83	30	PASS
		RB75#0	20.81			20.69	30	PASS
		MCH	RB1#0	21.69	21.82	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB1#38	22.34	22.25	30	PASS
				RB1#74	21.65	21.70	30	PASS
				RB38#0	20.92	20.79	30	PASS
				RB38#19	20.87	20.90	30	PASS
				RB38#39	20.86	20.87	30	PASS
				RB75#0	20.83	20.96	30	PASS
			HCH	RB1#0	21.96	21.91	30	PASS
				RB1#38	22	22.01	30	PASS
				RB1#74	22.05	22.17	30	PASS
				RB38#0	20.86	20.83	30	PASS
				RB38#19	20.84	20.82	30	PASS
				RB38#39	20.93	20.88	30	PASS
		LCH	RB1#0	22.33	22.32	30	PASS	
			RB1#50	21.83	21.92	30	PASS	
			RB1#99	22.37	22.29	30	PASS	
			RB50#0	20.87	20.94	30	PASS	
		20						

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB50#25	20.81	20.76	30	PASS
				RB50#50	20.84	20.78	30	PASS
				RB100#0	20.85	20.77	30	PASS
			MCH	RB1#0	22.2	22.14	30	PASS
				RB1#50	22.01	21.92	30	PASS
				RB1#99	22.24	22.19	30	PASS
				RB50#0	20.84	20.85	30	PASS
				RB50#25	20.84	20.99	30	PASS
				RB50#50	20.85	20.88	30	PASS
				RB100#0	20.84	20.95	30	PASS
			HCH	RB1#0	22.34	22.22	30	PASS
				RB1#50	21.88	22.03	30	PASS
				RB1#99	22.47	22.51	30	PASS
				RB50#0	20.77	20.69	30	PASS
				RB50#25	20.74	20.78	30	PASS
				RB50#50	20.82	20.80	30	PASS
				RB100#0	20.86	20.76	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	3.13	13	PASS
				RB1#3	3.45	13	PASS
				RB1#5	3.26	13	PASS
				RB3#0	3.84	13	PASS
				RB3#2	3.82	13	PASS
				RB3#3	3.78	13	PASS
			RB6#0	5.08	13	PASS	
			MCH	RB1#0	5.19	13	PASS
				RB1#3	4.91	13	PASS
				RB1#5	4.82	13	PASS
				RB3#0	5.04	13	PASS
				RB3#2	5.14	13	PASS
				RB3#3	4.77	13	PASS
			HCH	RB6#0	5.64	13	PASS
				RB1#0	4.38	13	PASS
				RB1#3	4.79	13	PASS
				RB1#5	4.42	13	PASS
				RB3#0	5.05	13	PASS
		RB3#2		4.97	13	PASS	
		3	LCH	RB3#3	4.82	13	PASS
				RB6#0	5.71	13	PASS
				RB1#0	3.19	13	PASS
				RB1#7	3.51	13	PASS
				RB1#14	3.48	13	PASS
				RB8#0	5.06	13	PASS
			MCH	RB8#4	4.91	13	PASS
				RB8#7	5.07	13	PASS
				RB15#0	5.17	13	PASS
				RB1#0	4.77	13	PASS
				RB1#7	4.49	13	PASS
RB1#14	4.31			13	PASS		
RB8#0	5.58	13	PASS				
RB8#4	5.51	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.69	13	PASS
				RB15#0	5.52	13	PASS
			HCH	RB1#0	4.92	13	PASS
				RB1#7	4.98	13	PASS
				RB1#14	5.04	13	PASS
				RB8#0	5.11	13	PASS
				RB8#4	4.95	13	PASS
				RB8#7	5.08	13	PASS
		RB15#0	5.4	13	PASS		
		5	LCH	RB1#0	3.42	13	PASS
				RB1#13	3.54	13	PASS
				RB1#24	3.96	13	PASS
				RB12#0	4.91	13	PASS
				RB12#6	4.83	13	PASS
				RB12#13	5.14	13	PASS
				RB25#0	5.53	13	PASS
			MCH	RB1#0	4.95	13	PASS
				RB1#13	4.62	13	PASS
				RB1#24	4.59	13	PASS
				RB12#0	5.38	13	PASS
				RB12#6	5.37	13	PASS
				RB12#13	5.67	13	PASS
				RB25#0	5.64	13	PASS
		HCH	RB1#0	4.85	13	PASS	
			RB1#13	5.01	13	PASS	
			RB1#24	5.07	13	PASS	
			RB12#0	5.39	13	PASS	
			RB12#6	5.14	13	PASS	
			RB12#13	5.22	13	PASS	
			RB25#0	5.6	13	PASS	
		10	LCH	RB1#0	3.24	13	PASS
				RB1#25	4.04	13	PASS
RB1#49	4.88			13	PASS		
RB25#0	4.99			13	PASS		
RB25#13	5.07			13	PASS		
RB25#25	5.39			13	PASS		
RB50#0	5.74			13	PASS		
MCH	RB1#0		4.75	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	4.36	13	PASS
				RB25#0	5.27	13	PASS
				RB25#13	5.28	13	PASS
				RB25#25	5.53	13	PASS
				RB50#0	5.83	13	PASS
			HCH	RB1#0	3.78	13	PASS
				RB1#25	4.67	13	PASS
				RB1#49	4.86	13	PASS
				RB25#0	5.45	13	PASS
				RB25#13	5.22	13	PASS
				RB25#25	5.3	13	PASS
				RB50#0	5.93	13	PASS
		15	LCH	RB1#0	3.21	13	PASS
				RB1#38	4.24	13	PASS
				RB1#74	4.96	13	PASS
				RB38#0	5.32	13	PASS
				RB38#19	5.42	13	PASS
				RB38#39	5.36	13	PASS
			RB75#0	5.93	13	PASS	
			MCH	RB1#0	5.13	13	PASS
				RB1#38	4.64	13	PASS
				RB1#74	3.9	13	PASS
				RB38#0	5.44	13	PASS
				RB38#19	5.45	13	PASS
		RB38#39		5.83	13	PASS	
		HCH	RB75#0	6.21	13	PASS	
			RB1#0	3.59	13	PASS	
			RB1#38	4.3	13	PASS	
			RB1#74	4.92	13	PASS	
			RB38#0	5.25	13	PASS	
			RB38#19	5.28	13	PASS	
		20	LCH	RB38#39	5.46	13	PASS
				RB75#0	6.02	13	PASS
RB1#0	3.16			13	PASS		
RB1#50	4.5			13	PASS		
RB1#99	5.1			13	PASS		
RB50#0	5.51			13	PASS		
RB50#25	5.27	13	PASS				
RB50#50	5.29	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB100#0	6.2	13	PASS	
			MCH	RB1#0	4.84	13	PASS	
				RB1#50	4.46	13	PASS	
				RB1#99	3.57	13	PASS	
				RB50#0	5.36	13	PASS	
				RB50#25	5.37	13	PASS	
				RB50#50	5.69	13	PASS	
				RB100#0	6.15	13	PASS	
			HCH	RB1#0	4.38	13	PASS	
				RB1#50	3.94	13	PASS	
				RB1#99	5.09	13	PASS	
				RB50#0	5.31	13	PASS	
				RB50#25	5.3	13	PASS	
				RB50#50	5.56	13	PASS	
	RB100#0	5.67		13	PASS			
	LTE/TM2	1.4		LCH	RB1#0	4.37	13	PASS
					RB1#3	4.59	13	PASS
					RB1#5	4.38	13	PASS
					RB3#0	4.97	13	PASS
					RB3#2	5.05	13	PASS
					RB3#3	4.96	13	PASS
					RB6#0	5.91	13	PASS
				MCH	RB1#0	5.41	13	PASS
					RB1#3	5.61	13	PASS
					RB1#5	5.53	13	PASS
					RB3#0	5.69	13	PASS
					RB3#2	5.69	13	PASS
					RB3#3	5.82	13	PASS
					RB6#0	5.93	13	PASS
		HCH	RB1#0	5.14	13	PASS		
			RB1#3	5.23	13	PASS		
			RB1#5	5.09	13	PASS		
			RB3#0	5.72	13	PASS		
RB3#2			5.68	13	PASS			
RB3#3			5.77	13	PASS			
RB6#0			5.82	13	PASS			
3	LCH	RB1#0	4.39	13	PASS			
		RB1#7	5.05	13	PASS			
		RB1#14	4.58	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	5.67	13	PASS
				RB8#4	5.67	13	PASS
				RB8#7	5.77	13	PASS
				RB15#0	6.04	13	PASS
			MCH	RB1#0	5.43	13	PASS
				RB1#7	5.86	13	PASS
				RB1#14	5.58	13	PASS
				RB8#0	6.01	13	PASS
				RB8#4	6	13	PASS
				RB8#7	6.1	13	PASS
			HCH	RB15#0	6.06	13	PASS
				RB1#0	5.01	13	PASS
				RB1#7	5.04	13	PASS
				RB1#14	5.23	13	PASS
				RB8#0	5.86	13	PASS
		RB8#4		5.64	13	PASS	
		5	LCH	RB8#7	5.72	13	PASS
				RB15#0	6.43	13	PASS
				RB1#0	4.23	13	PASS
				RB1#13	4.38	13	PASS
				RB1#24	4.7	13	PASS
				RB12#0	5.71	13	PASS
				RB12#6	5.66	13	PASS
			MCH	RB12#13	5.94	13	PASS
				RB25#0	6.19	13	PASS
				RB1#0	5.09	13	PASS
				RB1#13	5.16	13	PASS
				RB1#24	5.3	13	PASS
				RB12#0	6.11	13	PASS
				RB12#6	6.09	13	PASS
HCH	RB12#13		6.3	13	PASS		
	RB25#0	6.38	13	PASS			
	RB1#0	5.08	13	PASS			
	RB1#13	4.95	13	PASS			
	RB1#24	4.91	13	PASS			
	RB12#0	6.21	13	PASS			
	RB12#6	5.9	13	PASS			
	RB12#13	6.07	13	PASS			
	RB25#0	6.03	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	4.39	13	PASS
				RB1#25	4.71	13	PASS
				RB1#49	5.23	13	PASS
				RB25#0	5.91	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	6.35	13	PASS
			RB50#0	6.36	13	PASS	
			MCH	RB1#0	5	13	PASS
				RB1#25	5.32	13	PASS
				RB1#49	5.31	13	PASS
				RB25#0	6.13	13	PASS
				RB25#13	5.98	13	PASS
		RB25#25		6.54	13	PASS	
		RB50#0	6.65	13	PASS		
		HCH	RB1#0	4.57	13	PASS	
			RB1#25	4.8	13	PASS	
			RB1#49	5.54	13	PASS	
			RB25#0	6.37	13	PASS	
			RB25#13	5.95	13	PASS	
			RB25#25	6.03	13	PASS	
		RB50#0	6.61	13	PASS		
		15	LCH	RB1#0	4.28	13	PASS
				RB1#38	5.14	13	PASS
				RB1#74	4.85	13	PASS
RB38#0	6.16			13	PASS		
RB38#19	6.3			13	PASS		
RB38#39	6.17			13	PASS		
RB75#0	6.79		13	PASS			
MCH	RB1#0		5.35	13	PASS		
	RB1#38		5.7	13	PASS		
	RB1#74		5.17	13	PASS		
	RB38#0		6.02	13	PASS		
	RB38#19		6	13	PASS		
	RB38#39	6.67	13	PASS			
RB75#0	7.11	13	PASS				
HCH	RB1#0	4.83	13	PASS			
	RB1#38	4.99	13	PASS			
	RB1#74	5.13	13	PASS			
	RB38#0	6.14	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#19	6.22	13	PASS	
				RB38#39	6.18	13	PASS	
				RB75#0	6.7	13	PASS	
		20	LCH	RB1#0	4.13	13	PASS	
				RB1#50	4.81	13	PASS	
				RB1#99	4.96	13	PASS	
				RB50#0	6.32	13	PASS	
				RB50#25	6	13	PASS	
				RB50#50	5.96	13	PASS	
				RB100#0	6.97	13	PASS	
				MCH	RB1#0	4.81	13	PASS
					RB1#50	5.22	13	PASS
					RB1#99	4.53	13	PASS
					RB50#0	5.98	13	PASS
					RB50#25	6.11	13	PASS
					RB50#50	6.51	13	PASS
					RB100#0	6.99	13	PASS
				HCH	RB1#0	5.39	13	PASS
		RB1#50	5.17		13	PASS		
		RB1#99	5.21		13	PASS		
		RB50#0	6.21		13	PASS		
RB50#25	6.11	13	PASS					
RB50#50	6.17	13	PASS					
RB100#0	6.52	13	PASS					

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

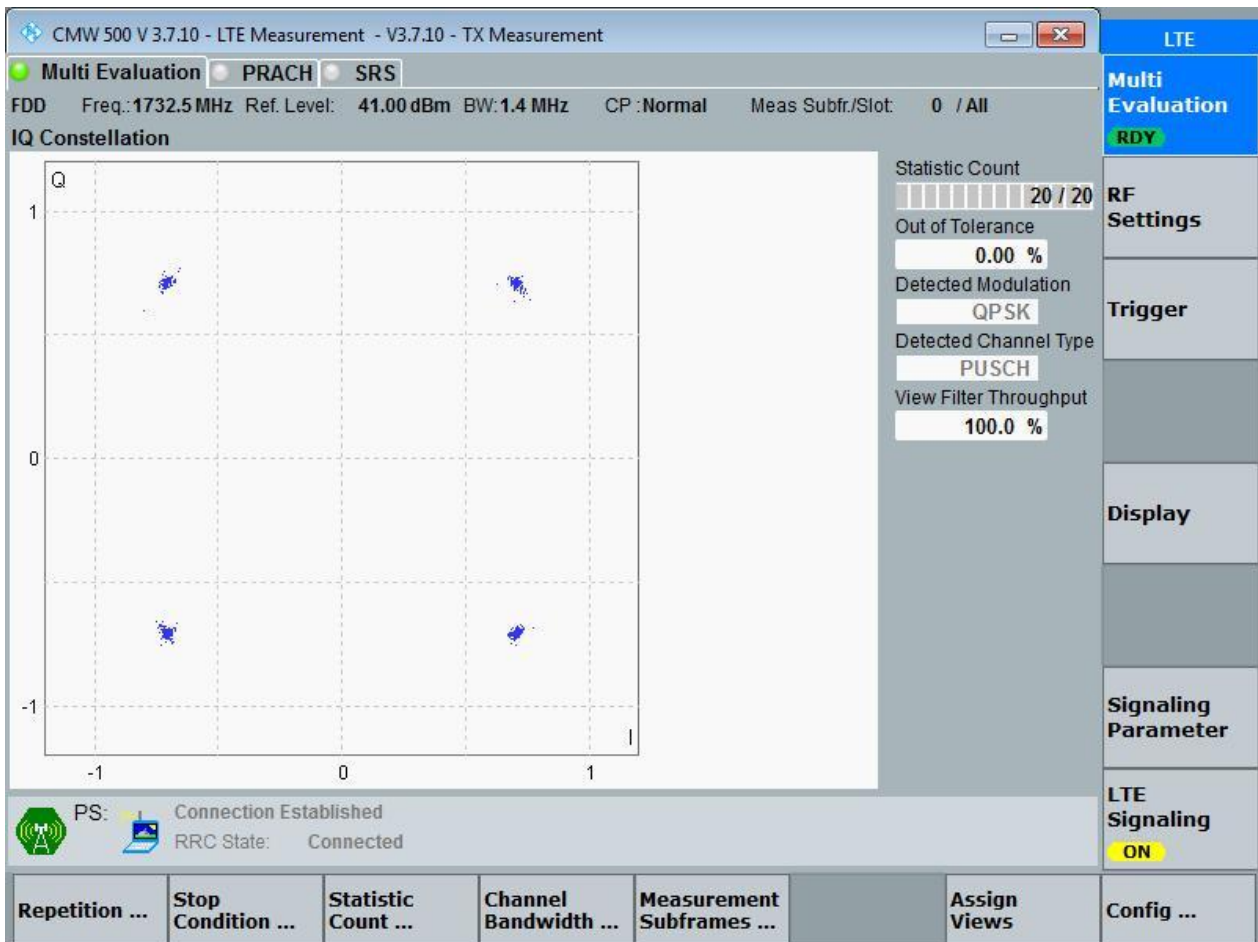
3.1.1 Test Band = BAND4

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

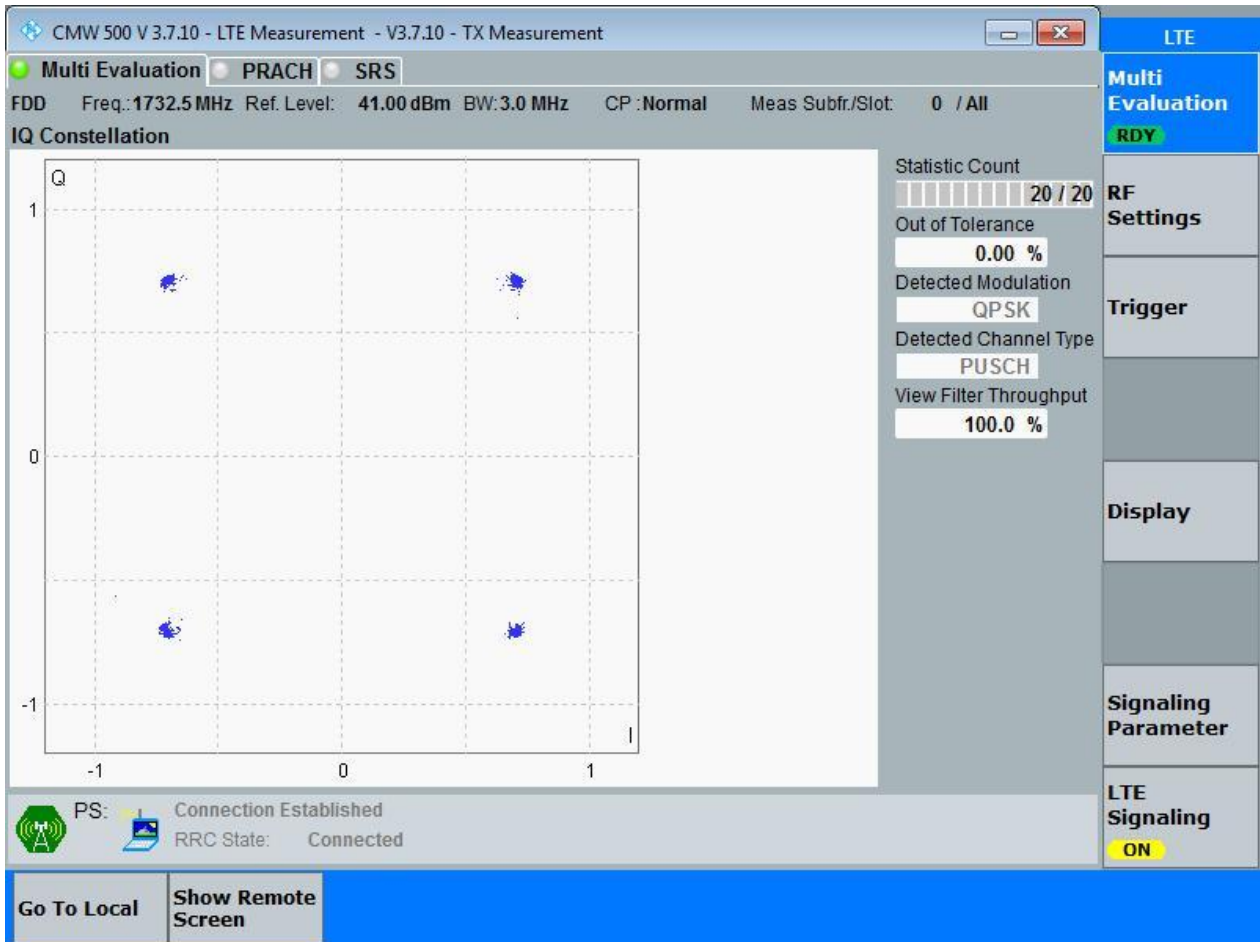
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

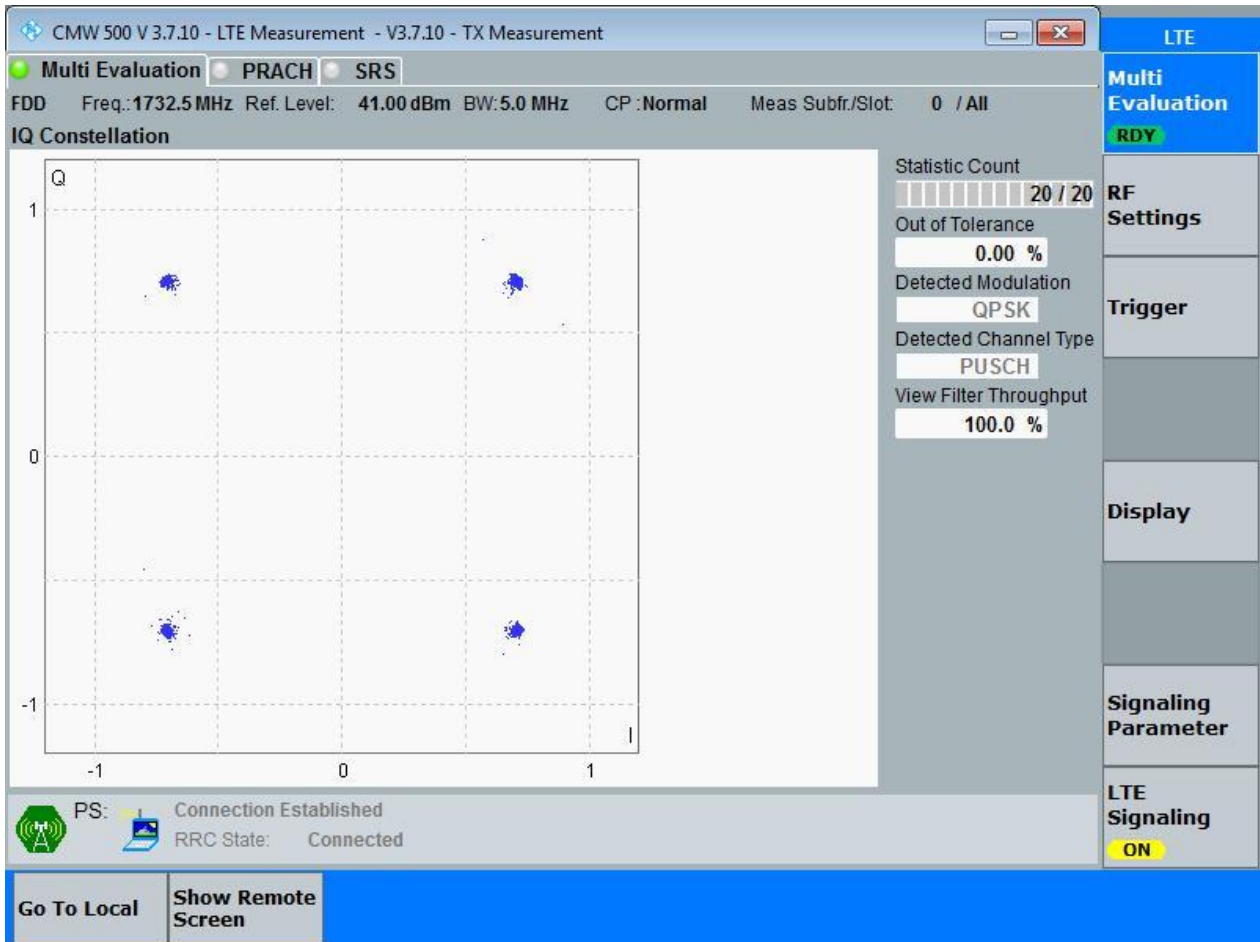
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

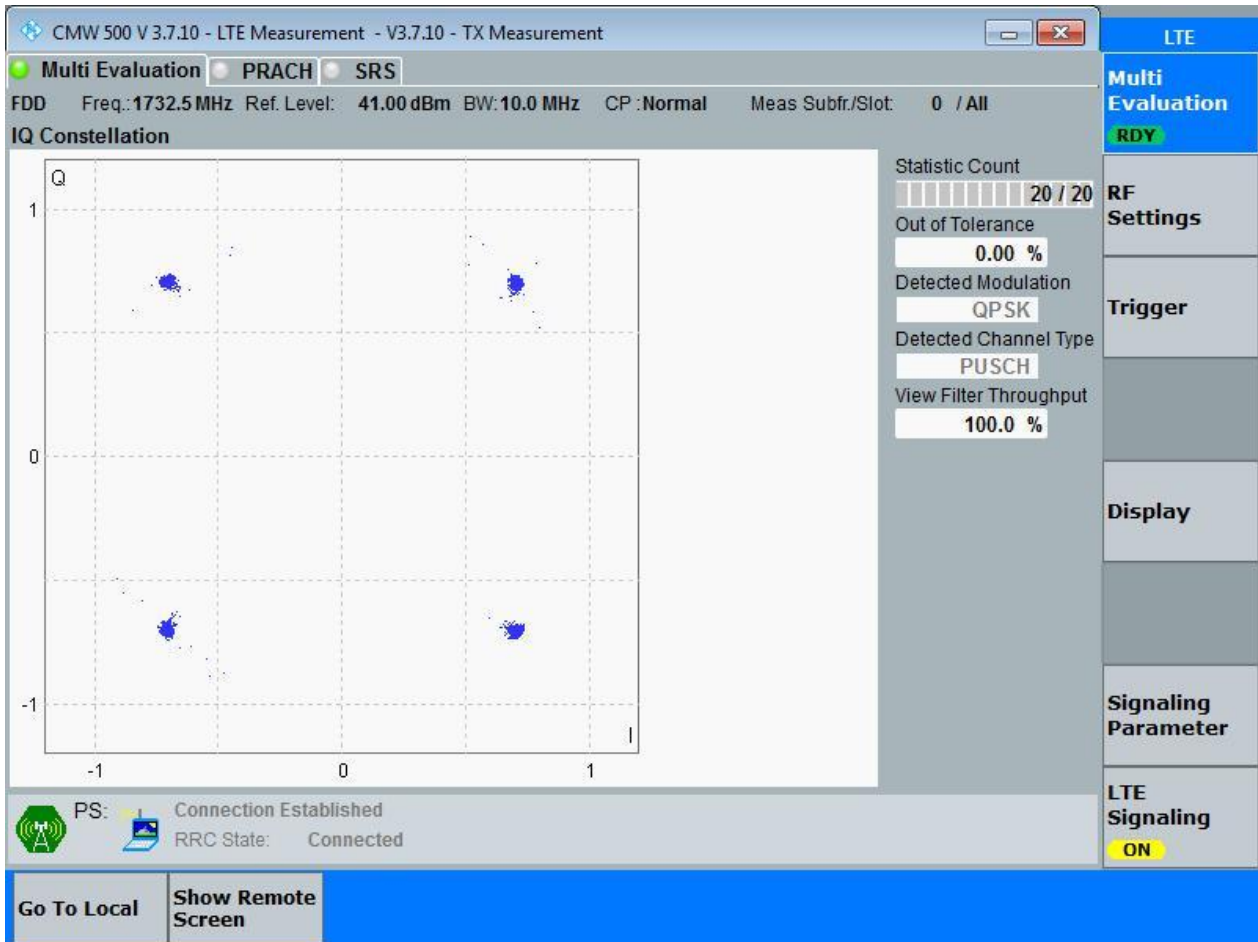
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

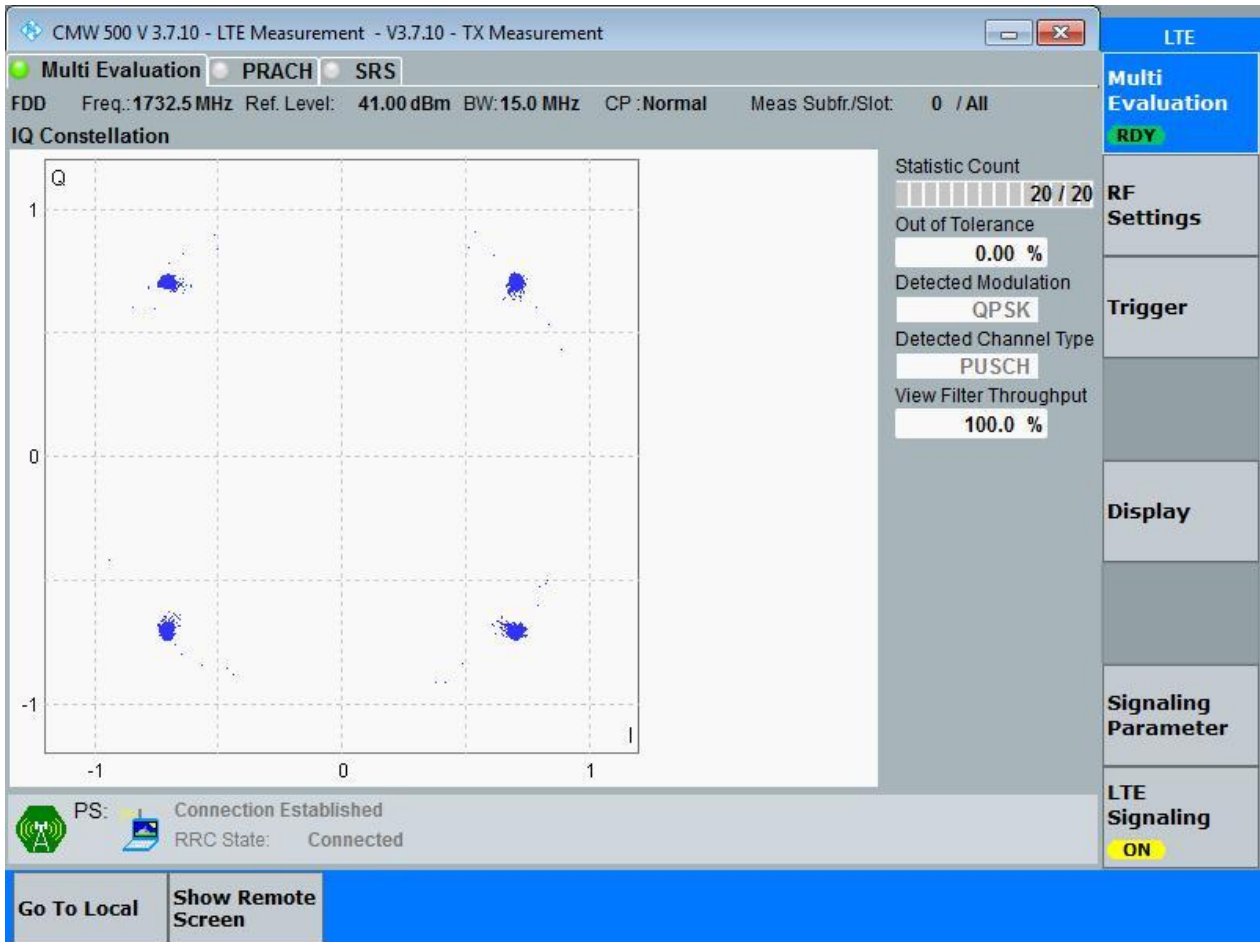
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

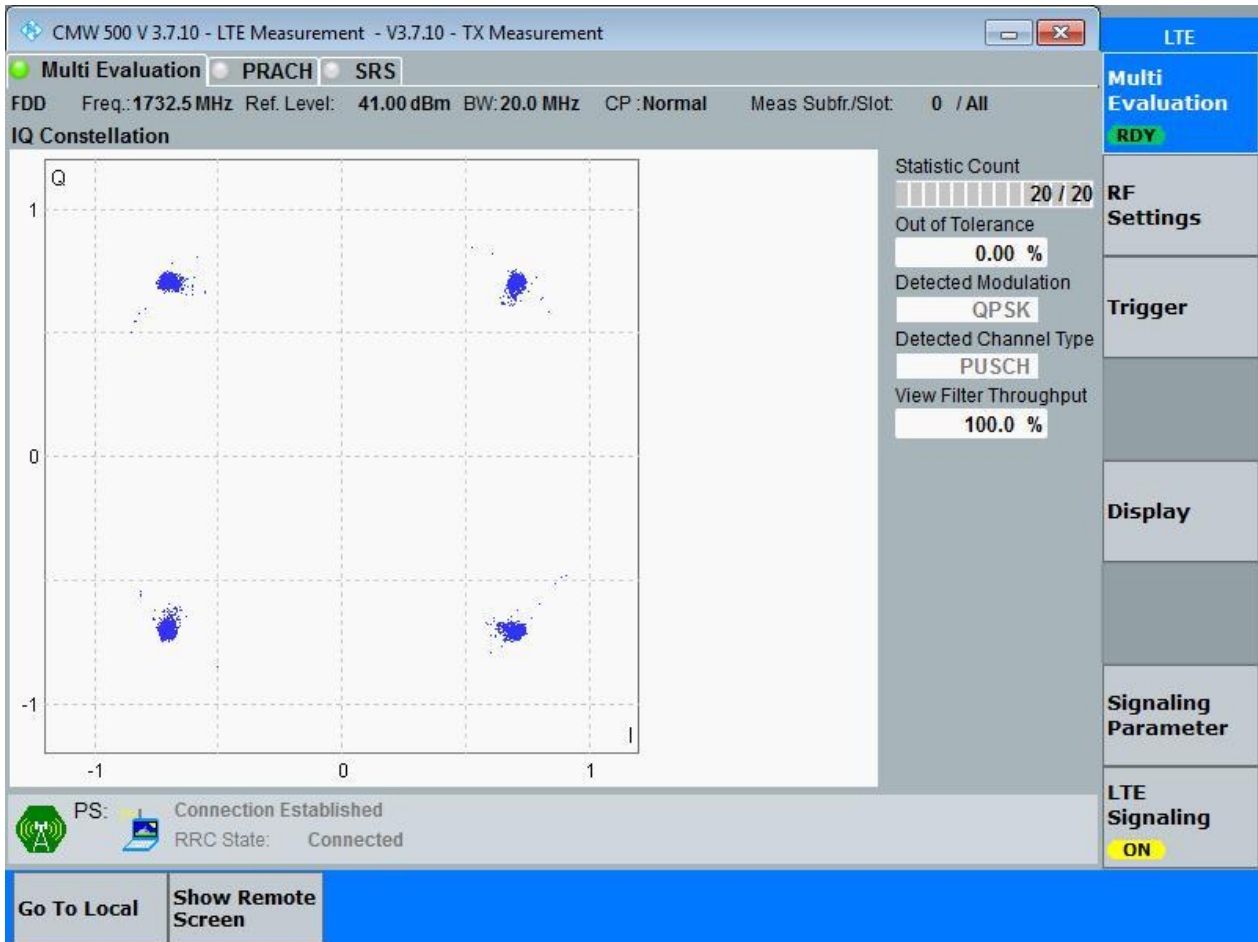
3.1.1.1.5.1.1 Test RB = RB75#0



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

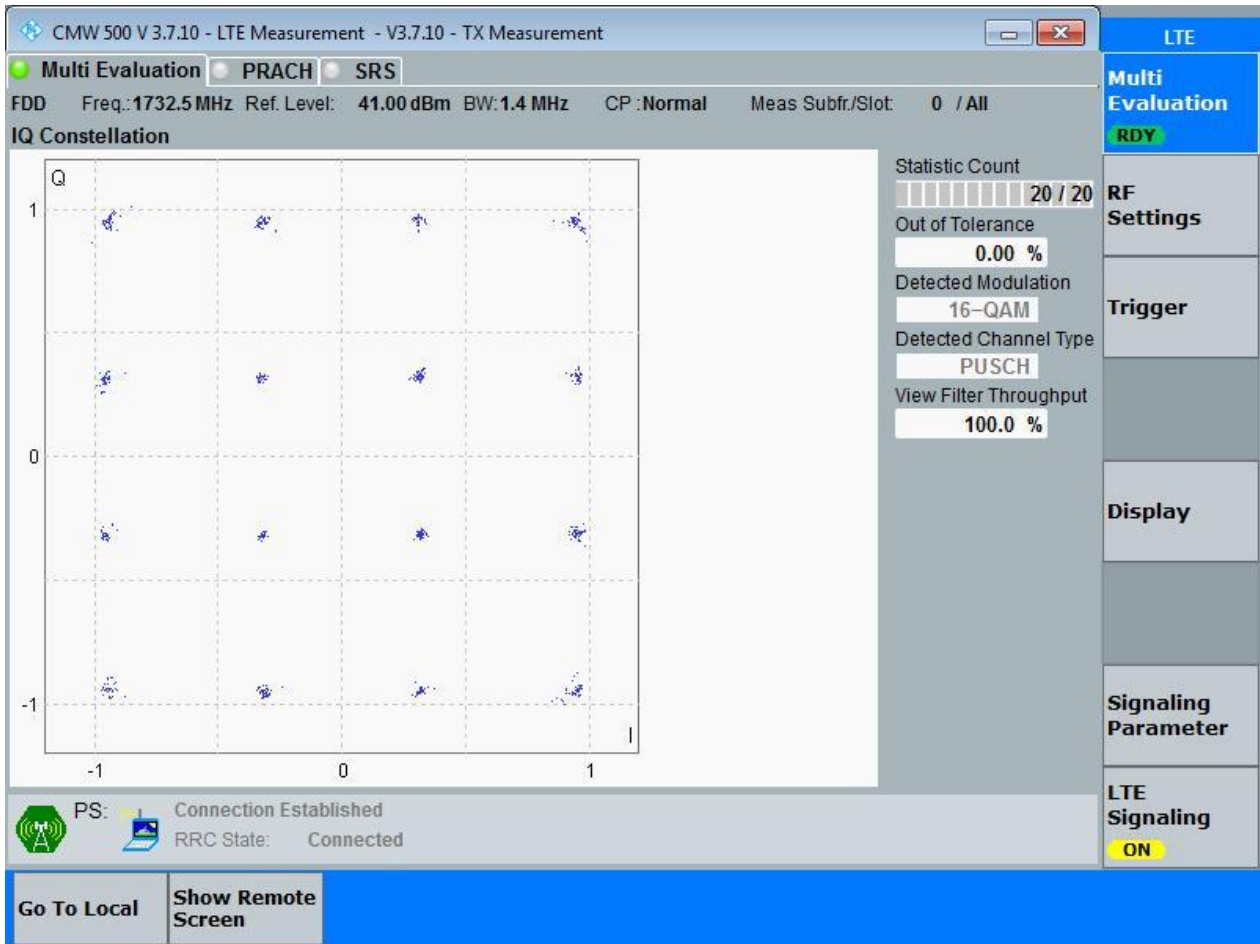


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

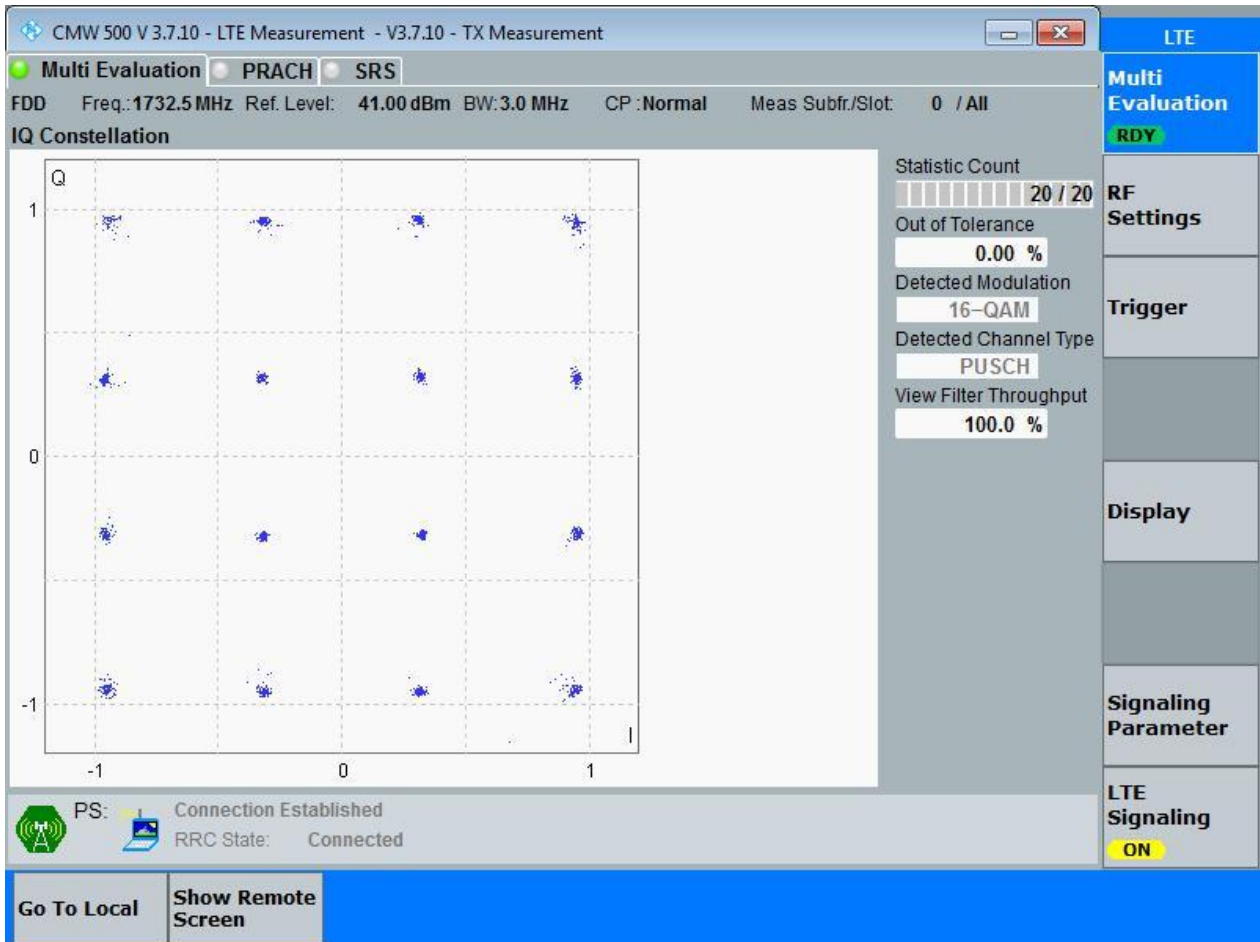
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

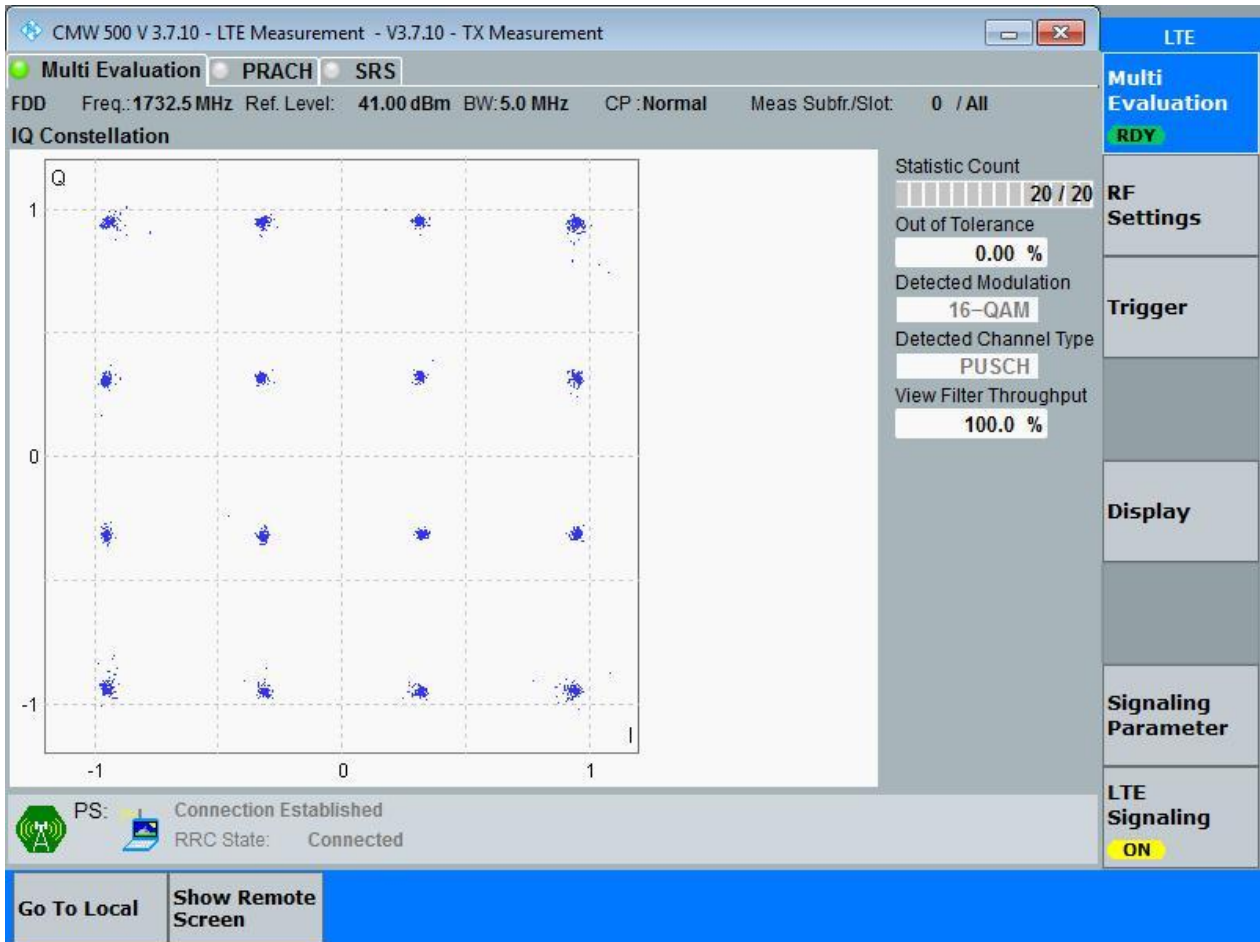
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

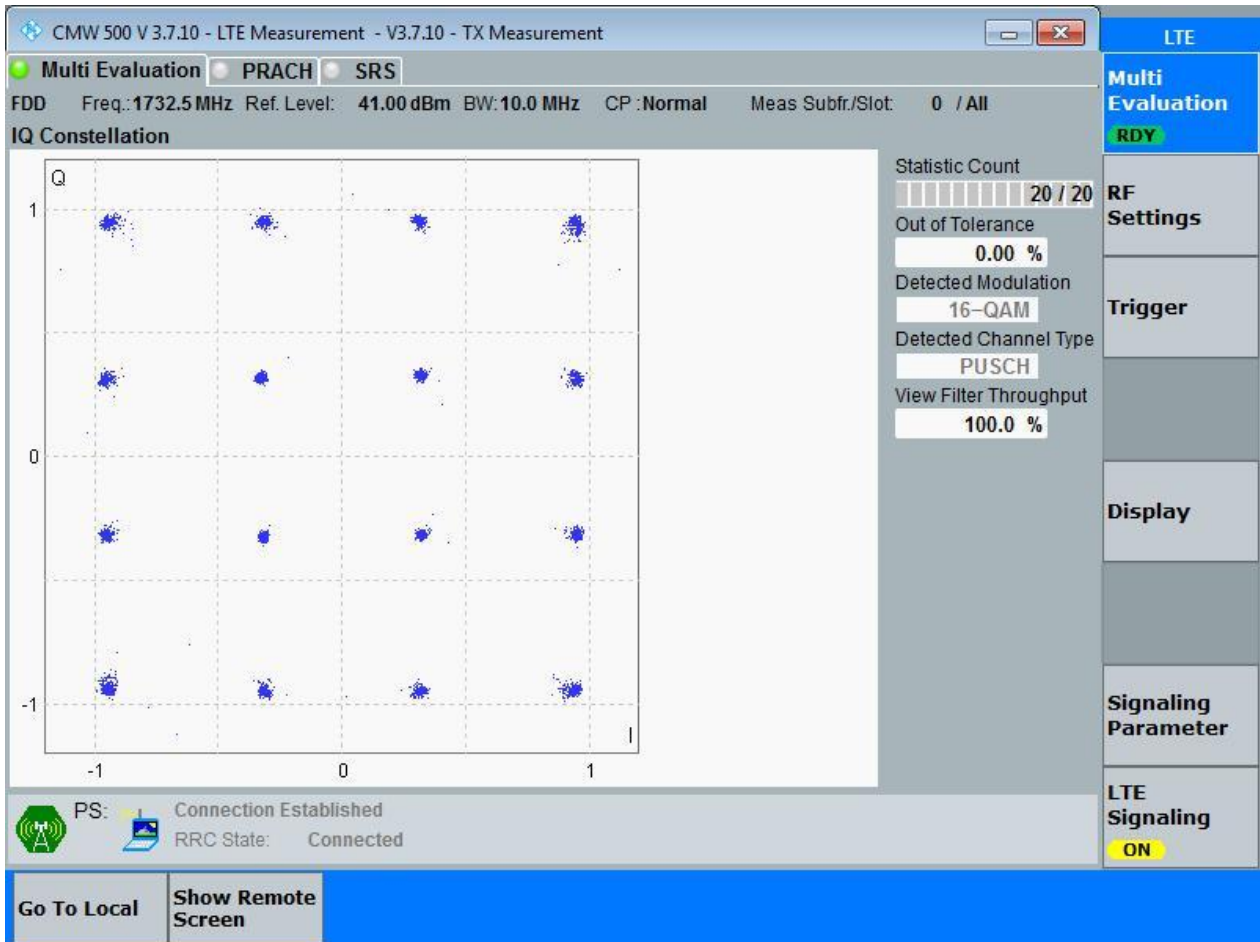
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

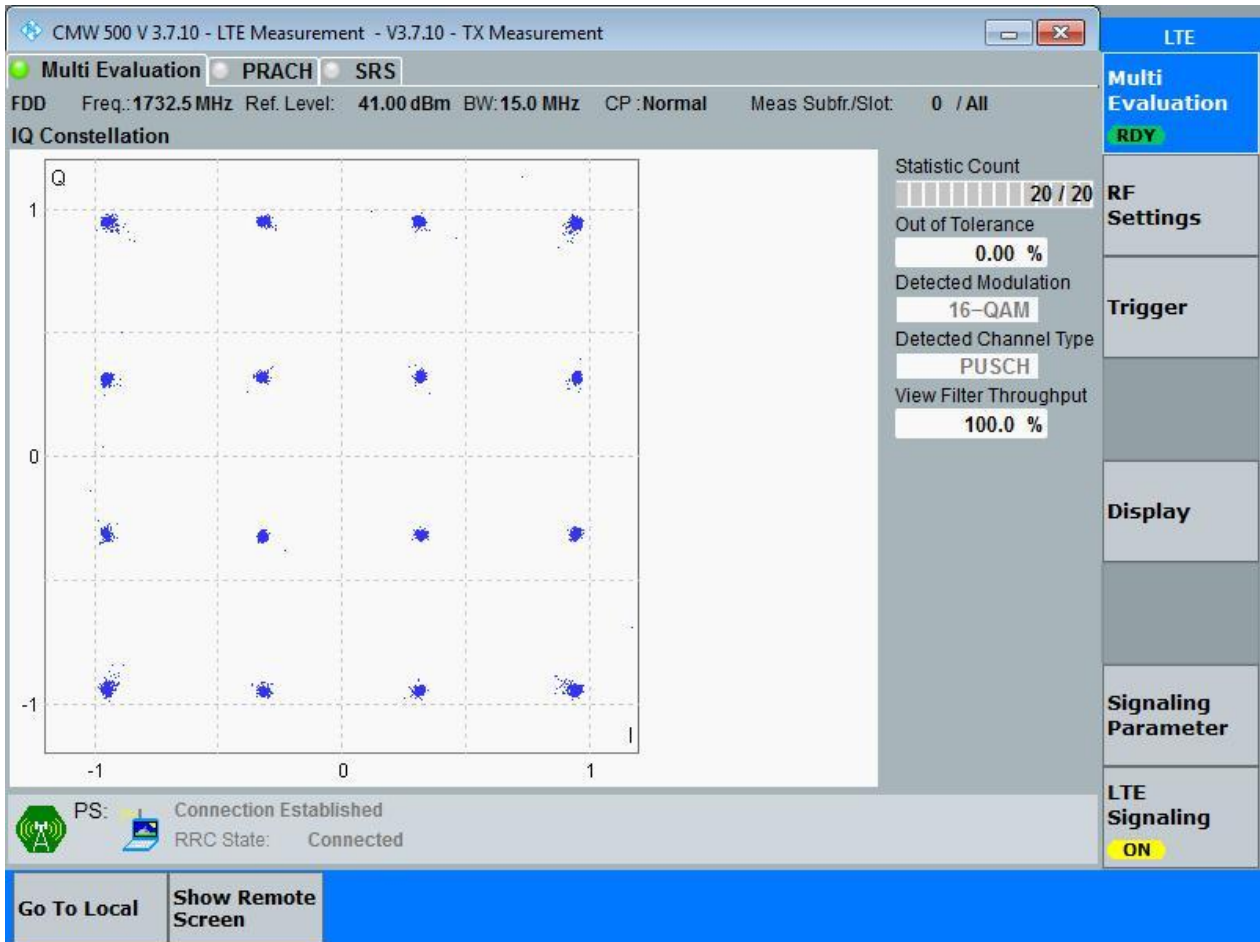
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

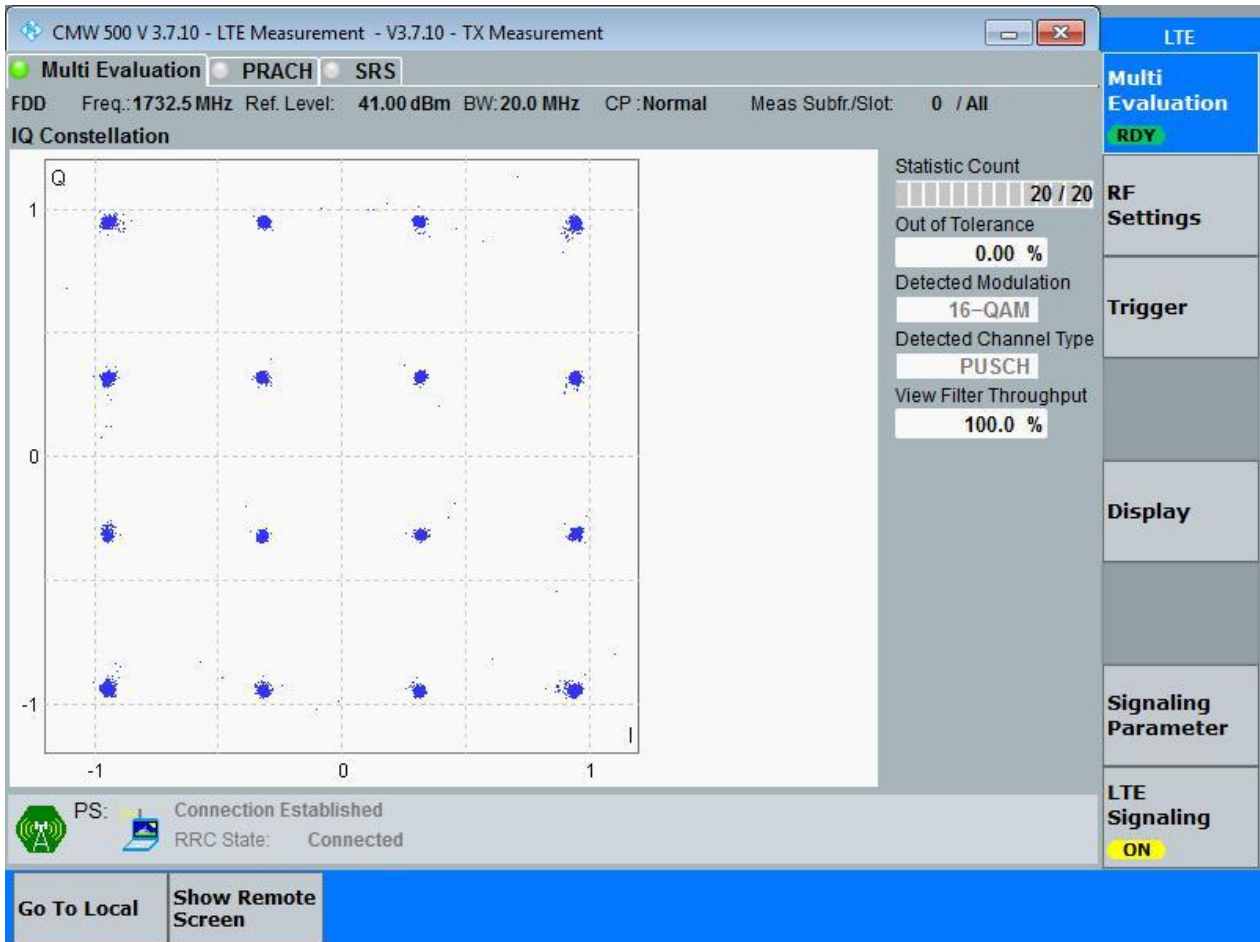
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.31	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	3.69	Pass
			MCH	RB15#0	2.71	3.46	Pass
			HCH	RB15#0	2.71	3.30	Pass
		5	LCH	RB25#0	4.52	5.68	Pass
			MCH	RB25#0	4.53	5.48	Pass
			HCH	RB25#0	4.53	5.48	Pass
		10	LCH	RB50#0	9.02	10.33	Pass
			MCH	RB50#0	9.02	10.13	Pass
			HCH	RB50#0	9.01	10.27	Pass
		15	LCH	RB75#0	13.53	14.99	Pass
			MCH	RB75#0	13.54	15.03	Pass
			HCH	RB75#0	13.47	14.96	Pass
		20	LCH	RB100#0	18.06	19.81	Pass
			MCH	RB100#0	18.06	19.78	Pass
			HCH	RB100#0	17.90	19.61	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.45	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.72	3.34	Pass
			MCH	RB15#0	2.71	3.42	Pass
			HCH	RB15#0	2.72	3.26	Pass
		5	LCH	RB25#0	4.53	5.49	Pass
			MCH	RB25#0	4.53	5.45	Pass
			HCH	RB25#0	4.54	5.53	Pass
		10	LCH	RB50#0	9.00	10.10	Pass
			MCH	RB50#0	9.00	10.05	Pass
			HCH	RB50#0	9.02	10.23	Pass
15	LCH	RB75#0	13.52	15.04	Pass		
	MCH	RB75#0	13.53	15.07	Pass		

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB75#0	13.47	14.86	Pass
		20	LCH	RB100#0	18.09	19.82	Pass
			MCH	RB100#0	18.06	19.85	Pass
			HCH	RB100#0	17.93	19.65	Pass



Part II - Test Plots

4.1 For LTE

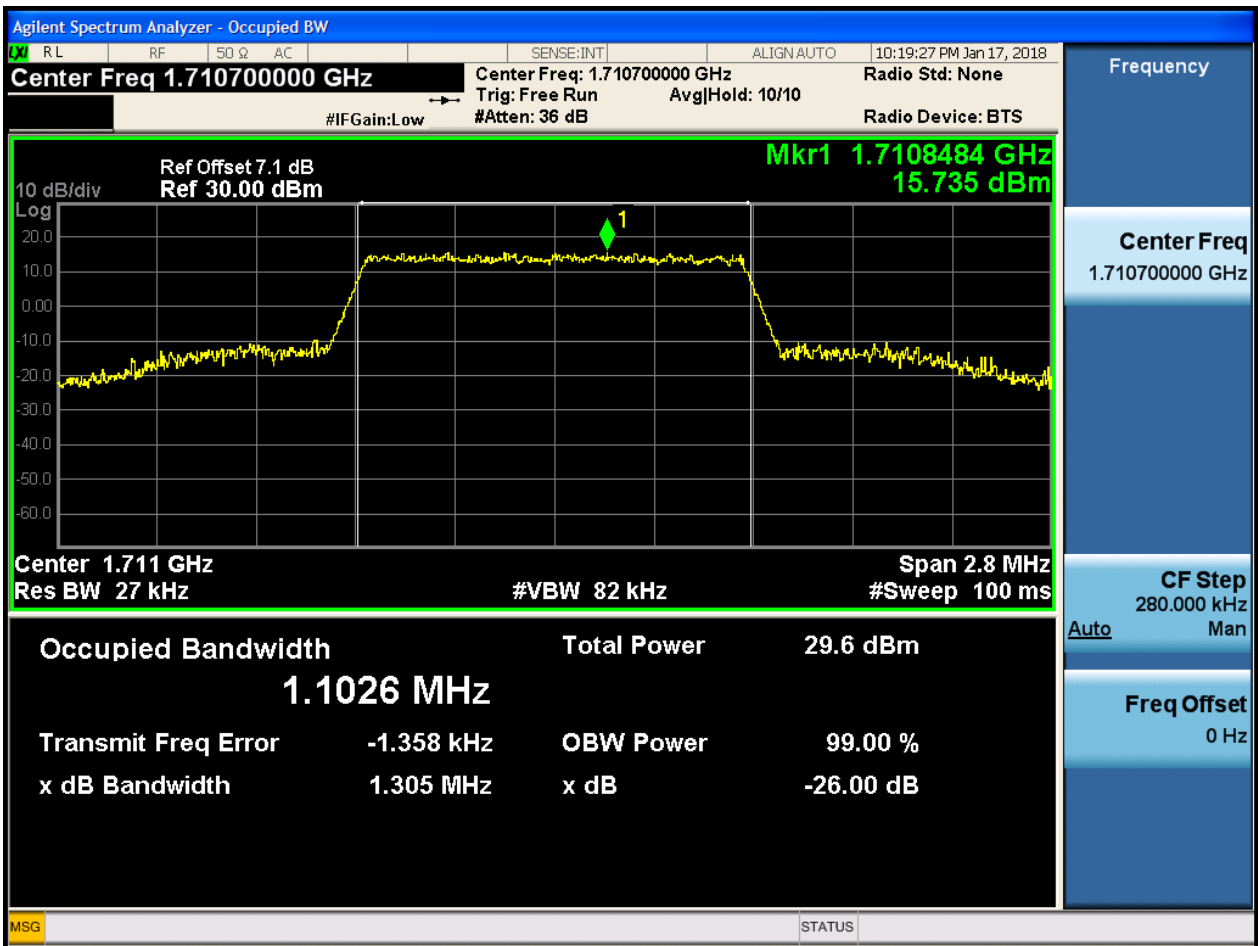
4.1.1 Test Band = BAND4

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

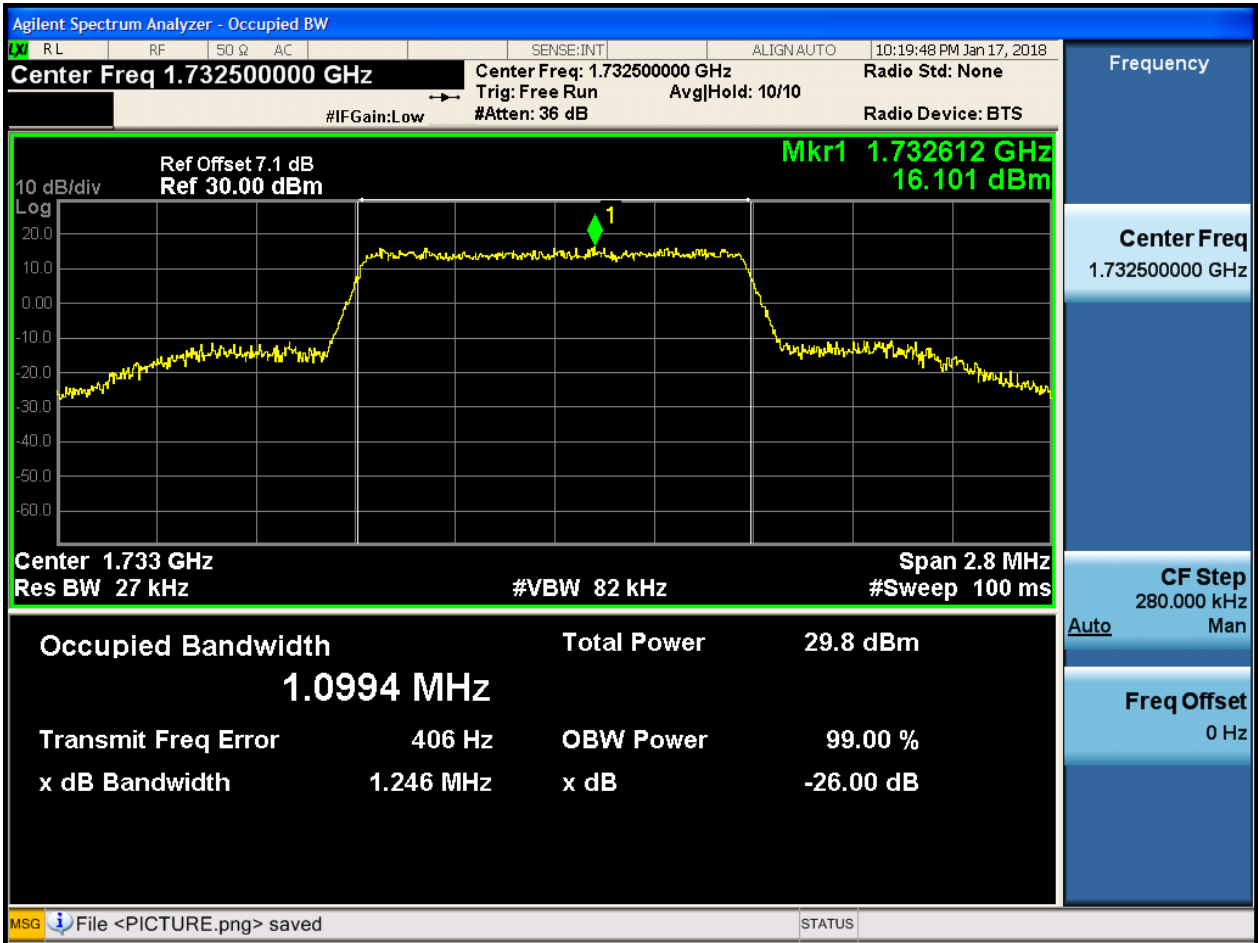
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.2 Test Channel = MCH

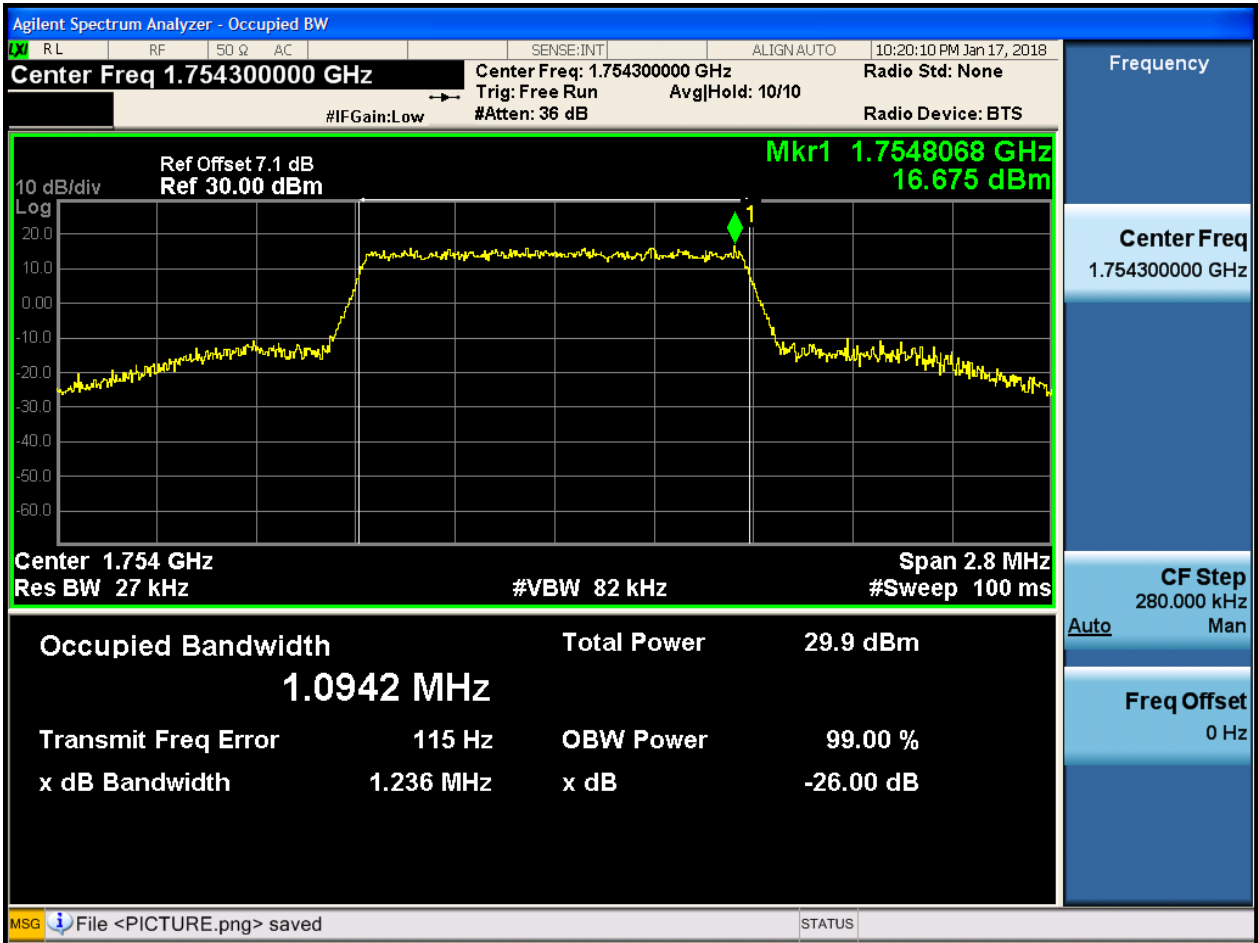
4.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

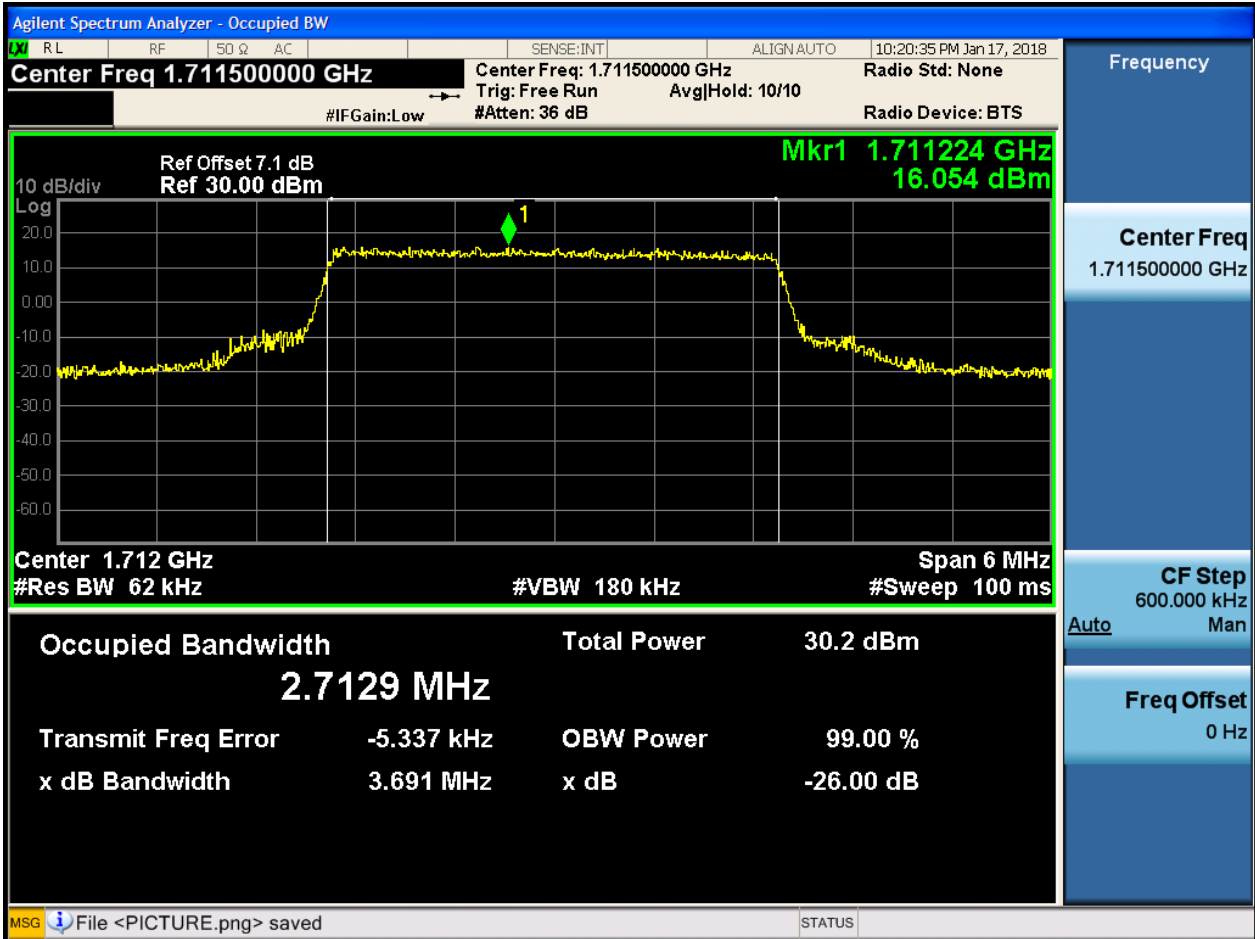




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

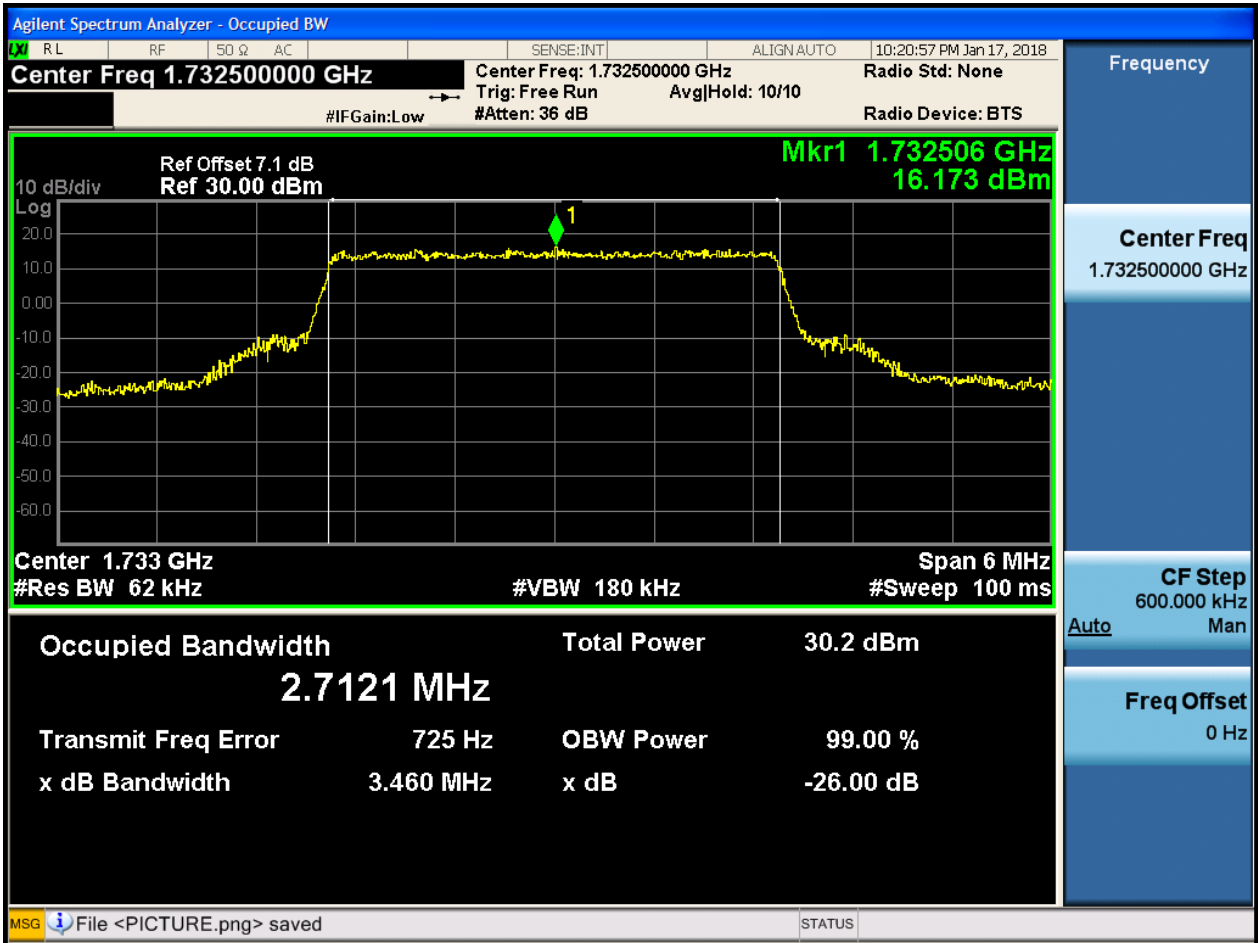
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

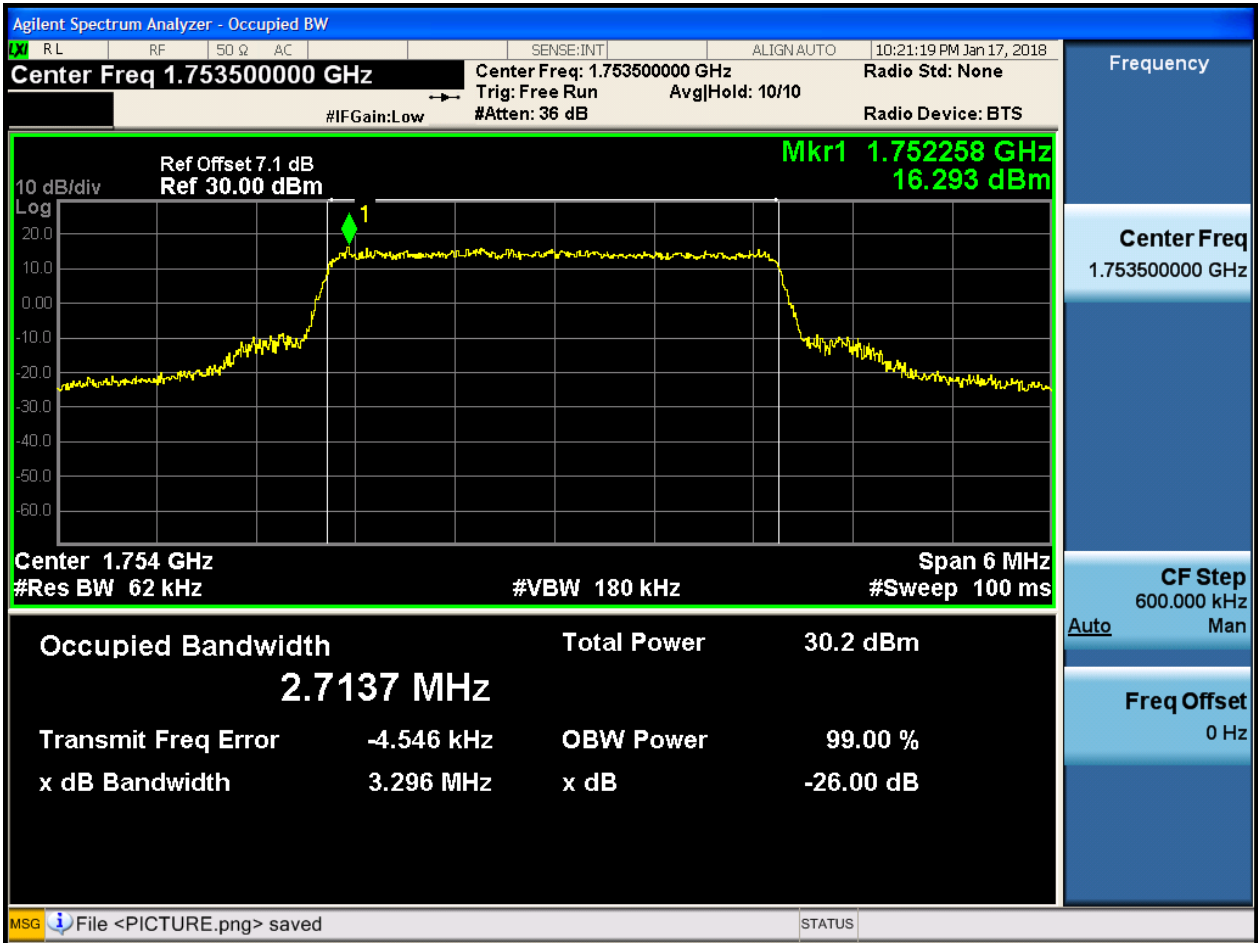
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

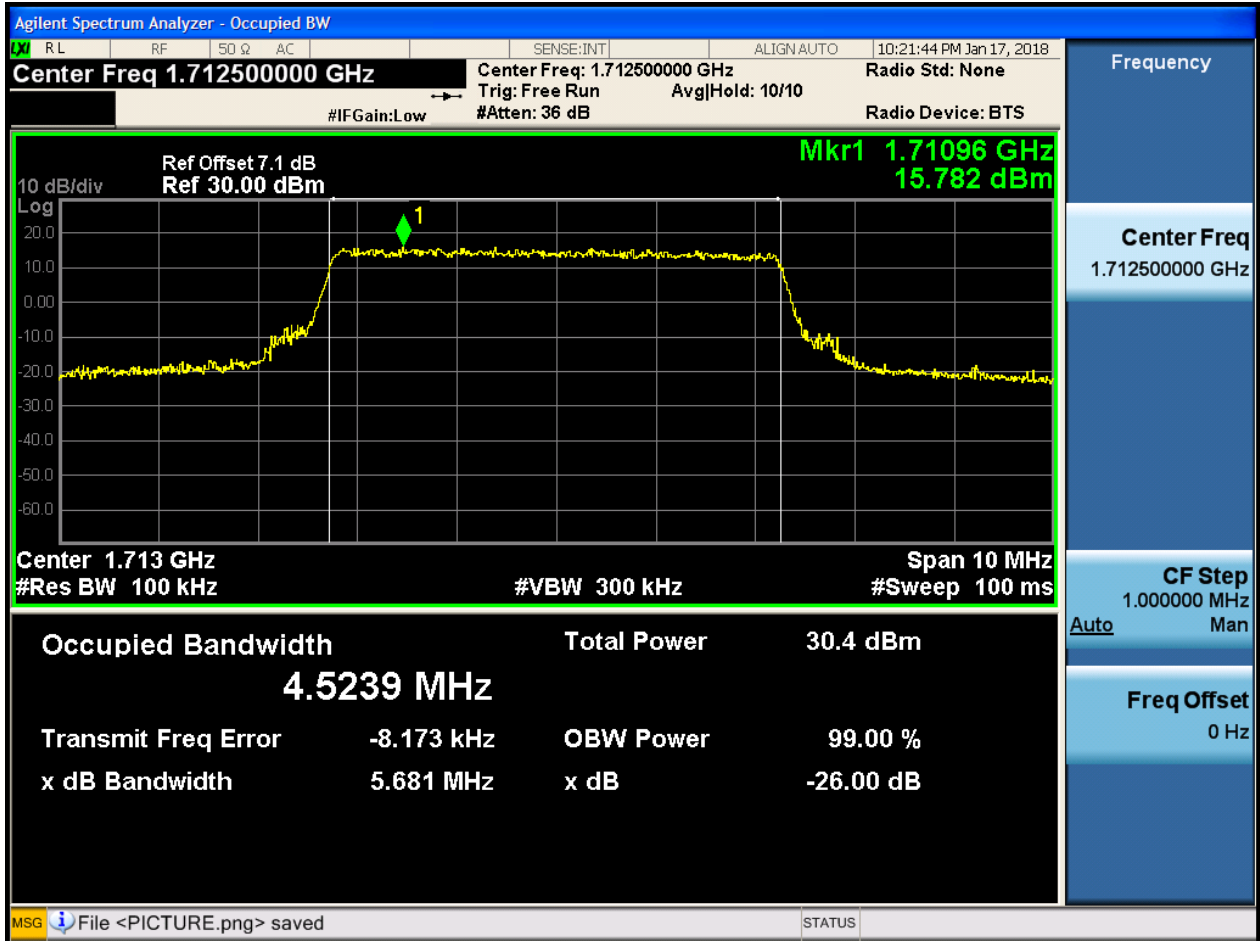




4.1.1.1.3 Test Bandwidth = 5

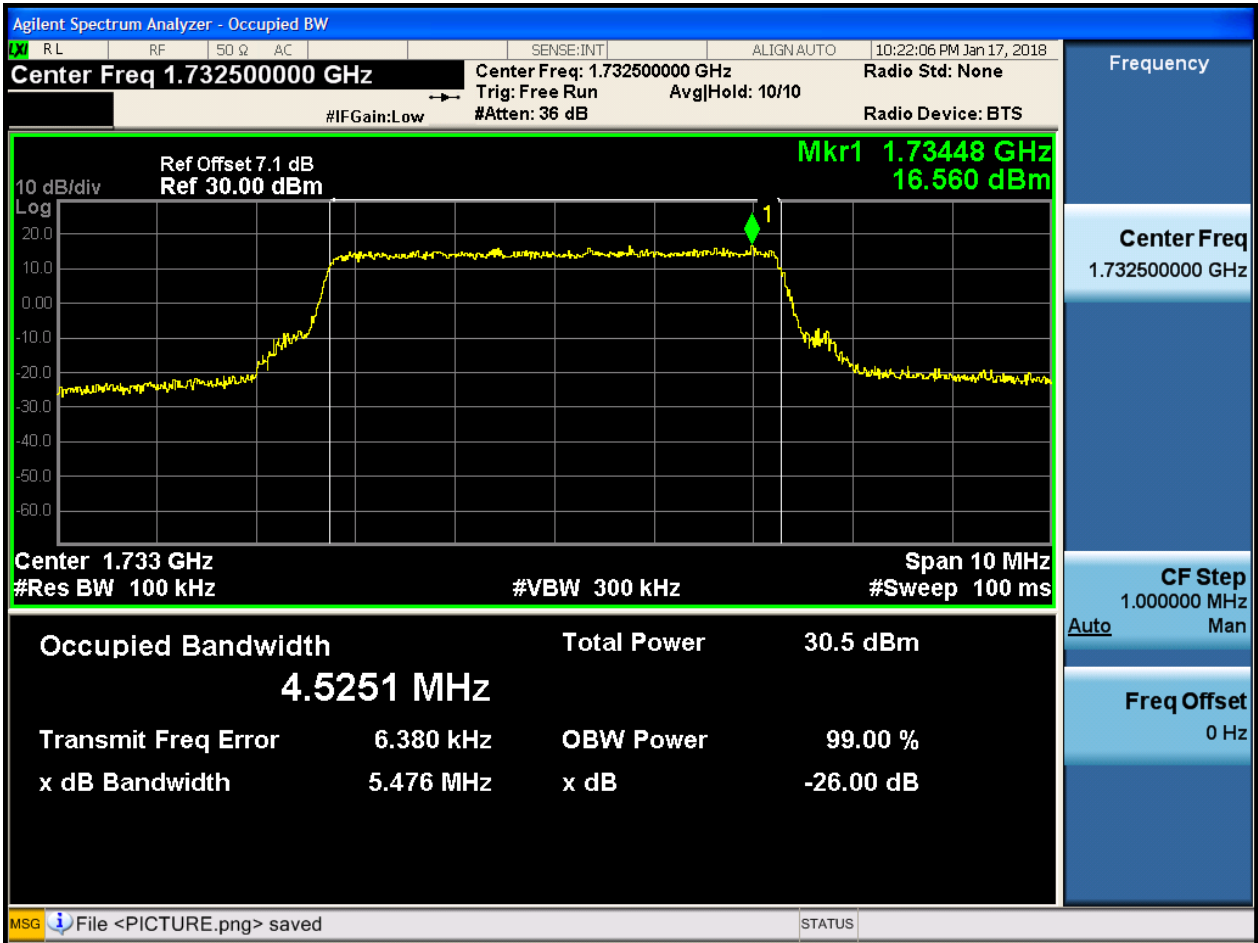
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



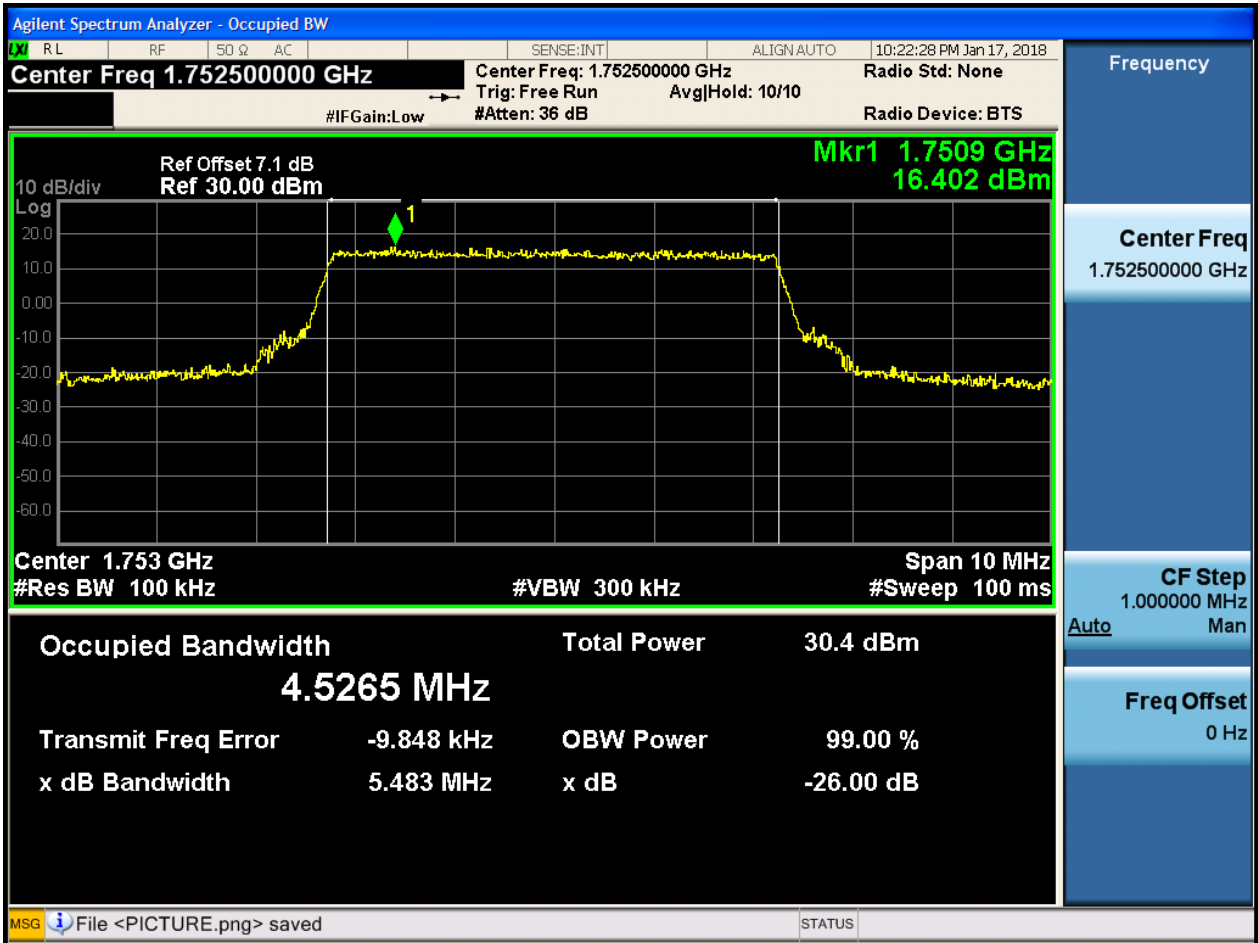
4.1.1.1.3.2 Test Channel = MCH

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

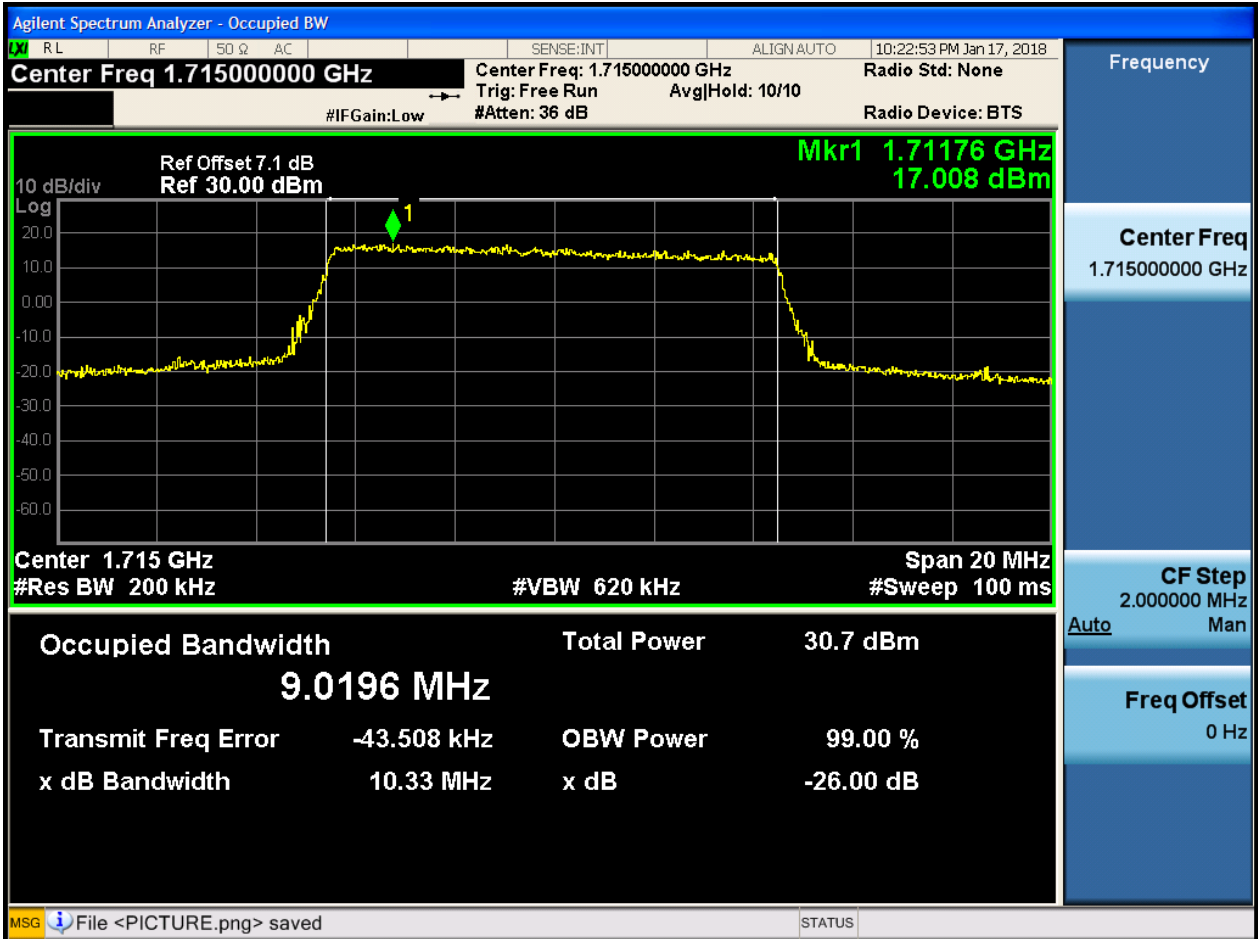




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

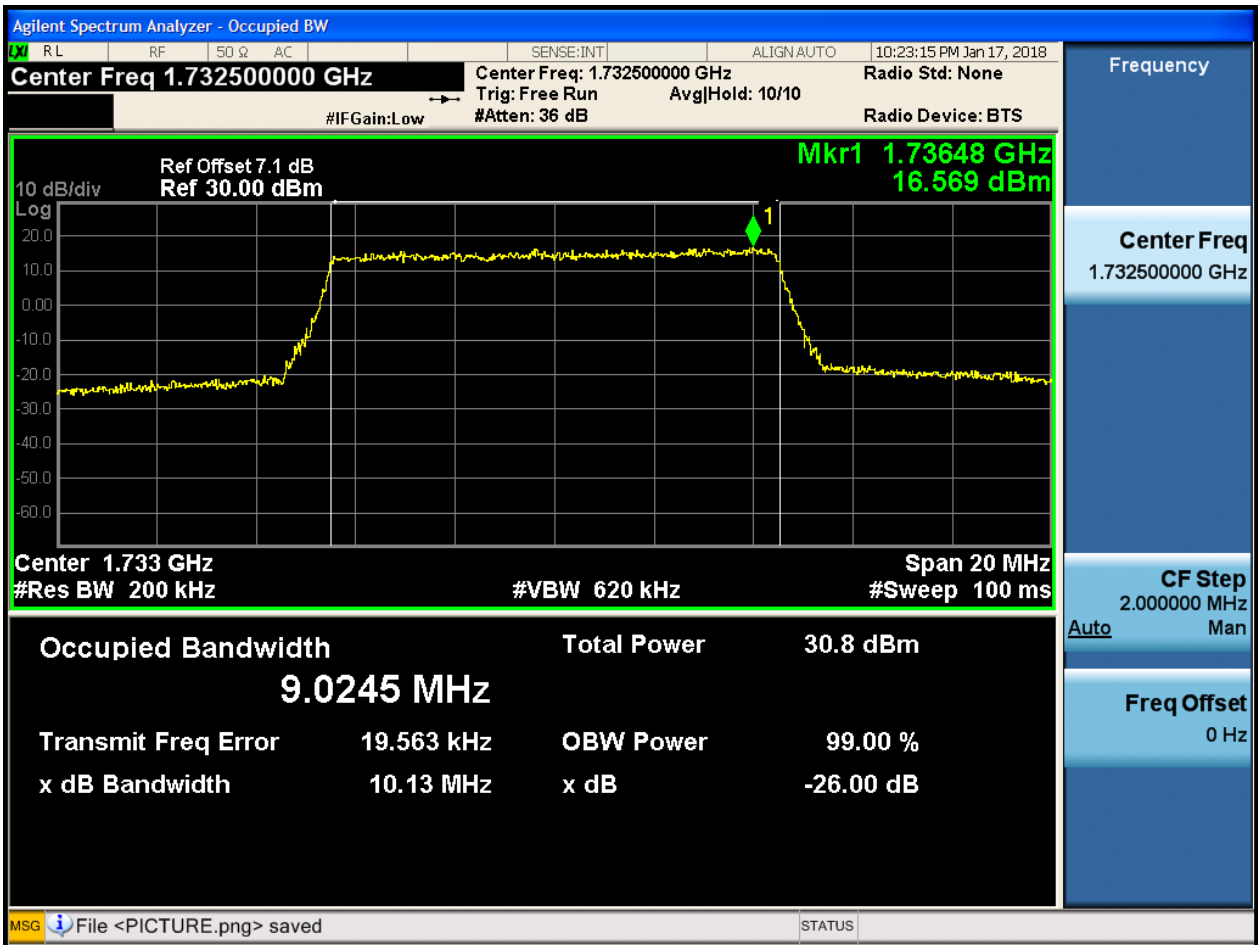
4.1.1.1.4.1.1 Test RB = RB50#0





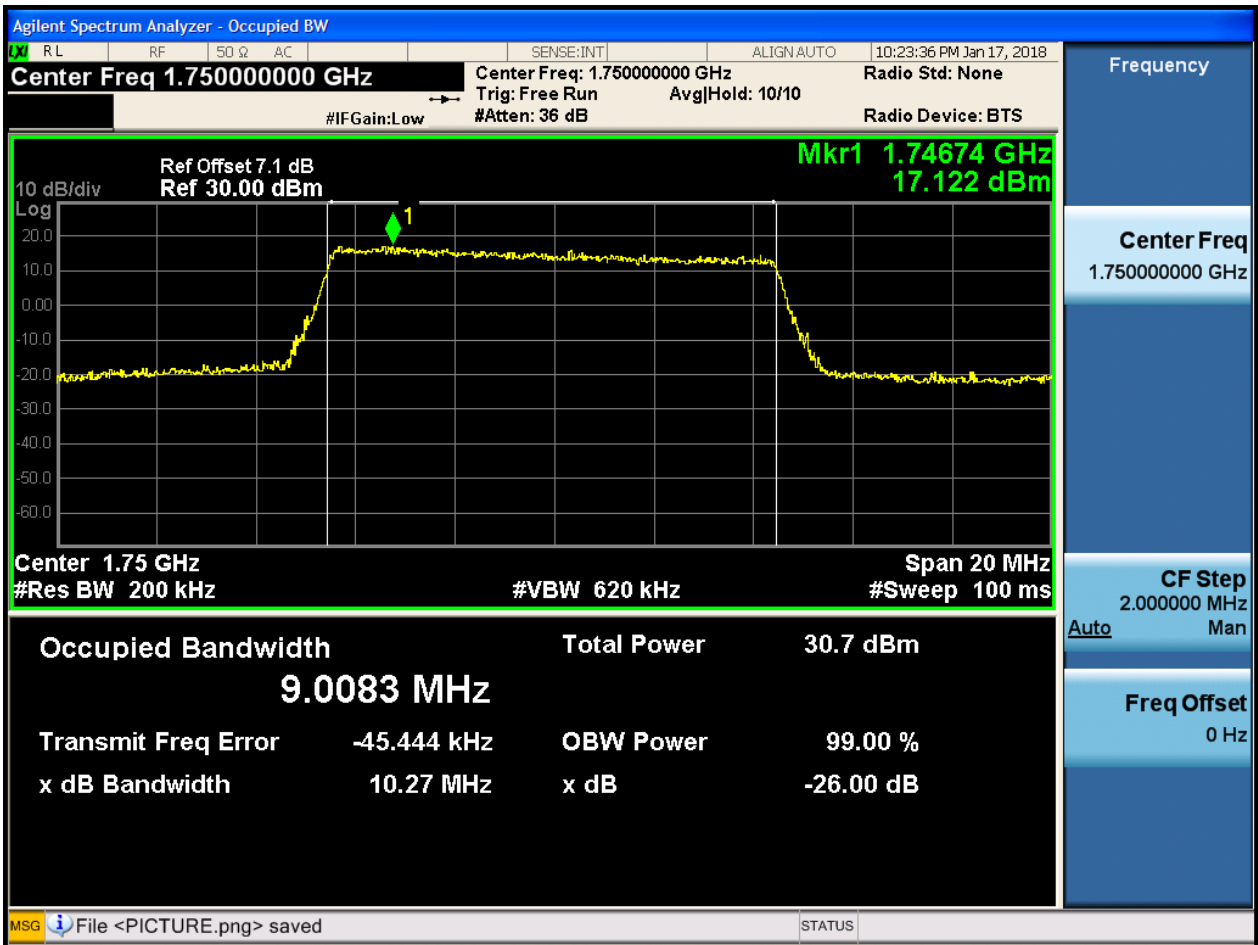
4.1.1.1.4.2 Test Channel = MCH

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

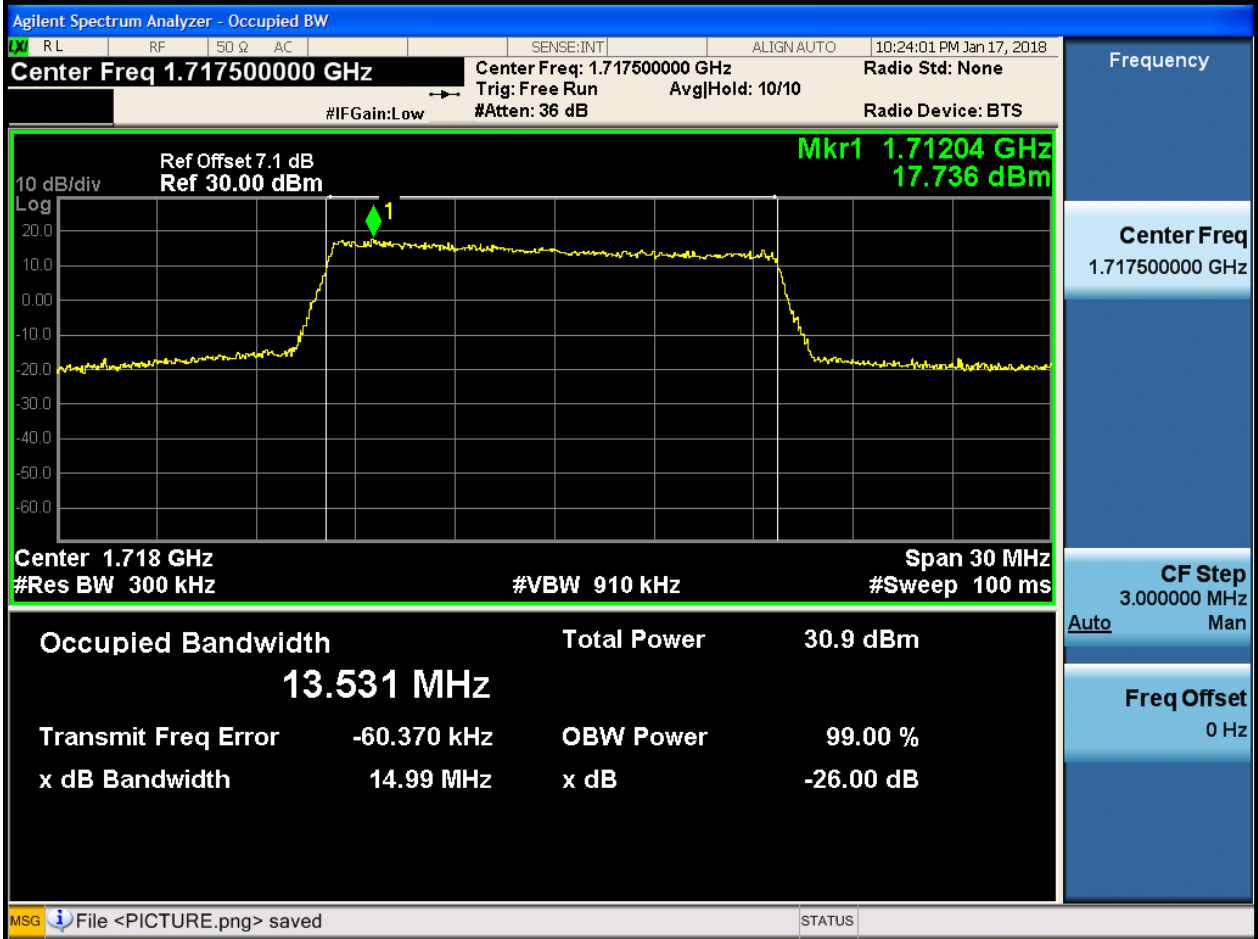




4.1.1.1.5 Test Bandwidth = 15

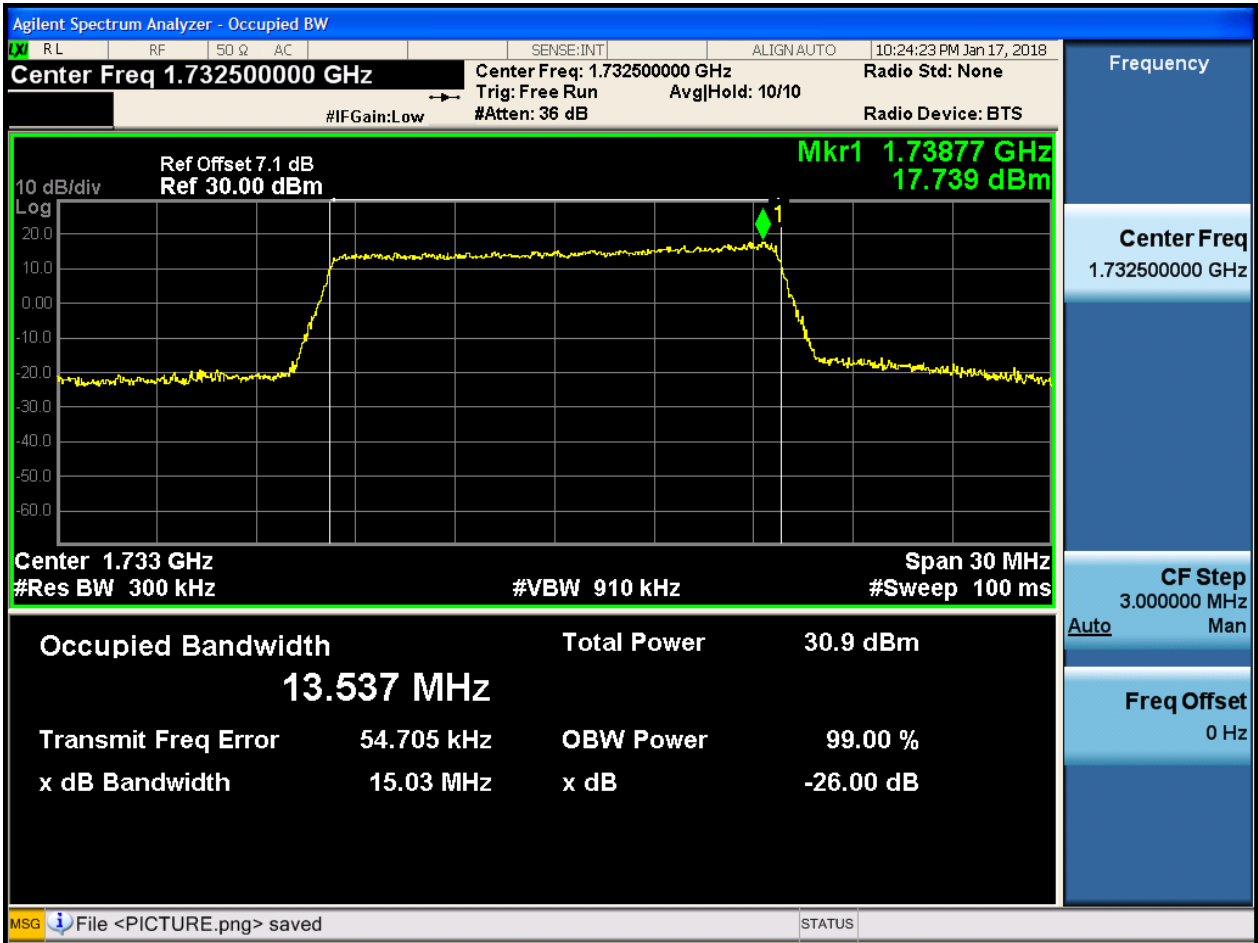
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



4.1.1.1.5.2 Test Channel = MCH

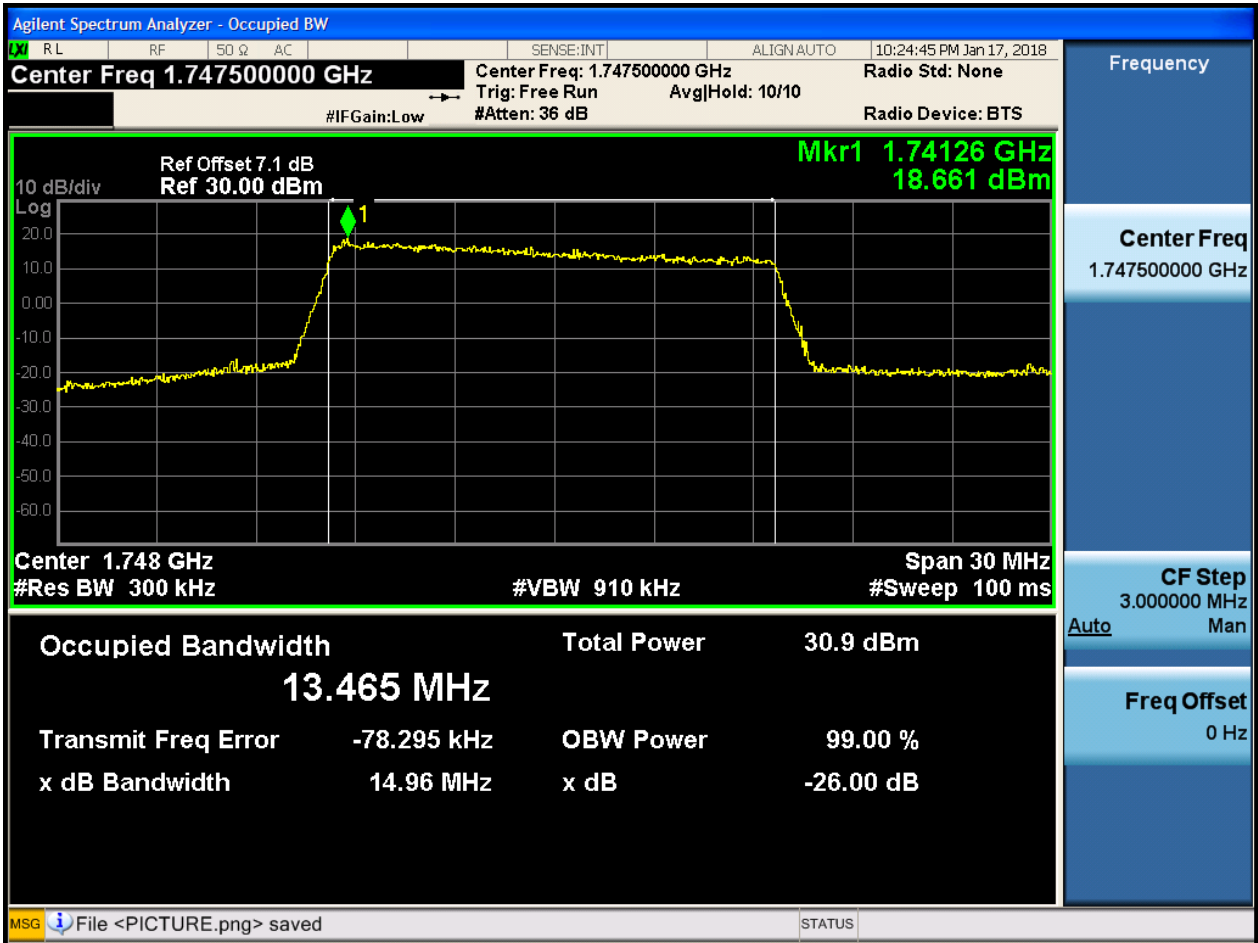
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

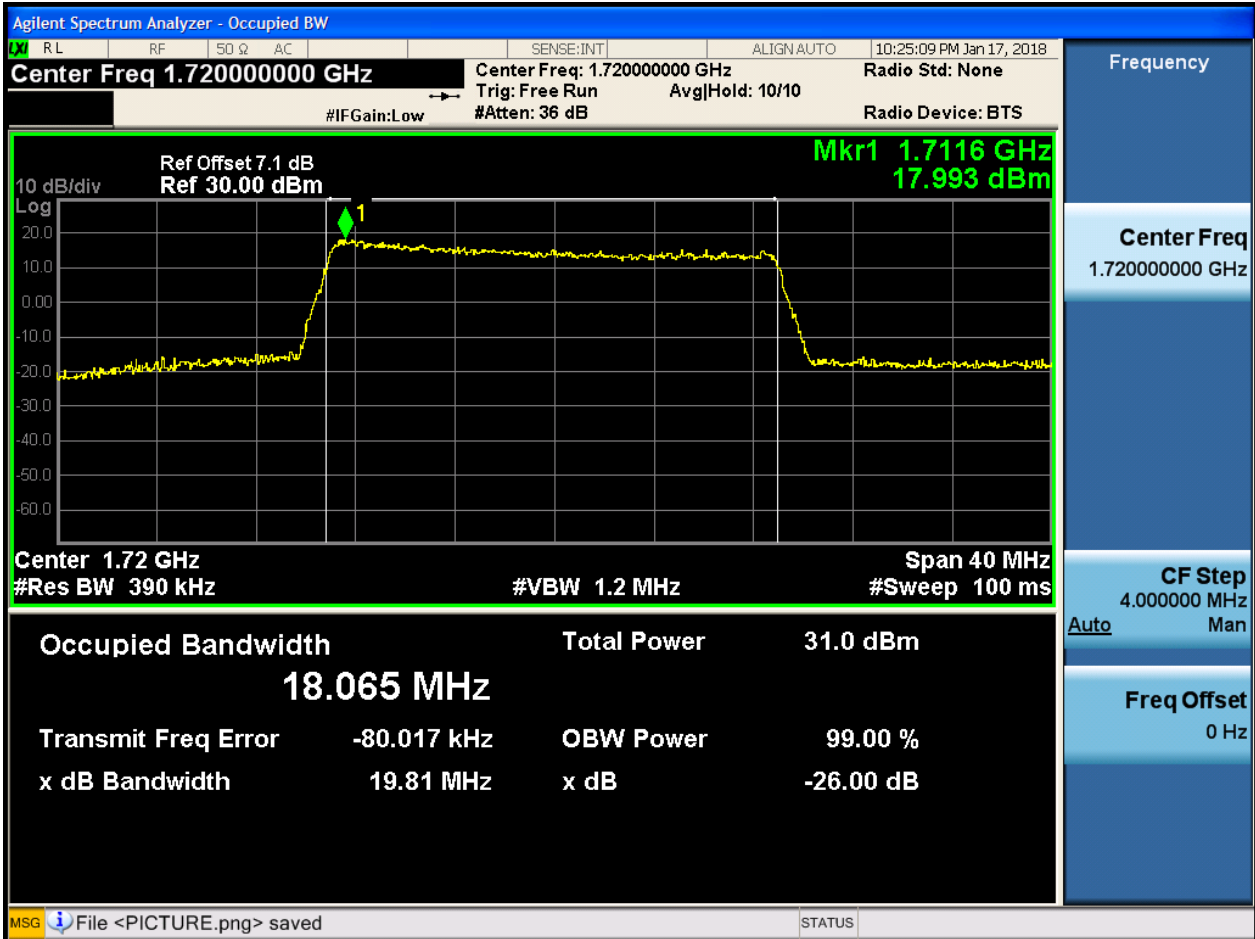




4.1.1.1.6 Test Bandwidth = 20

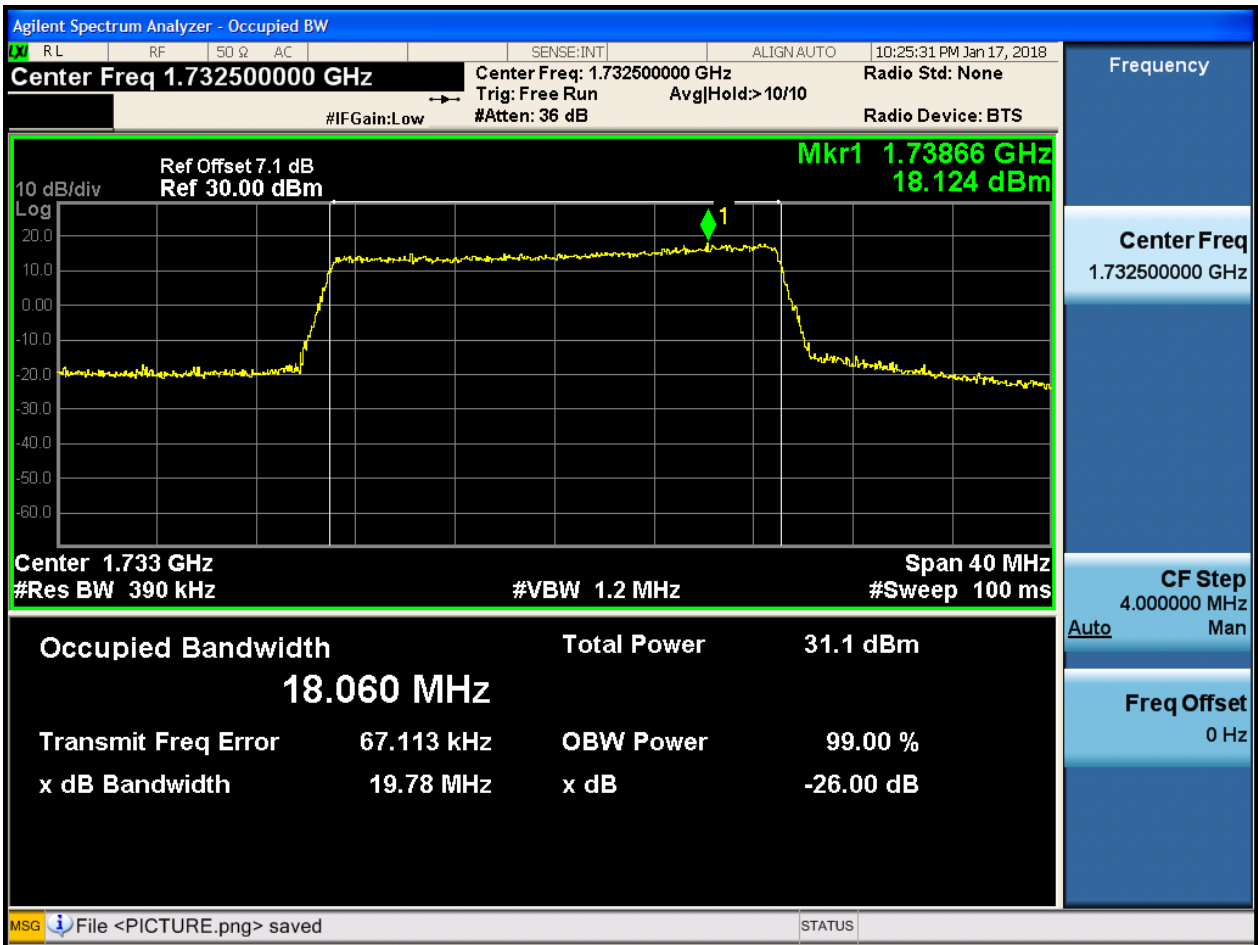
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



4.1.1.1.6.2 Test Channel = MCH

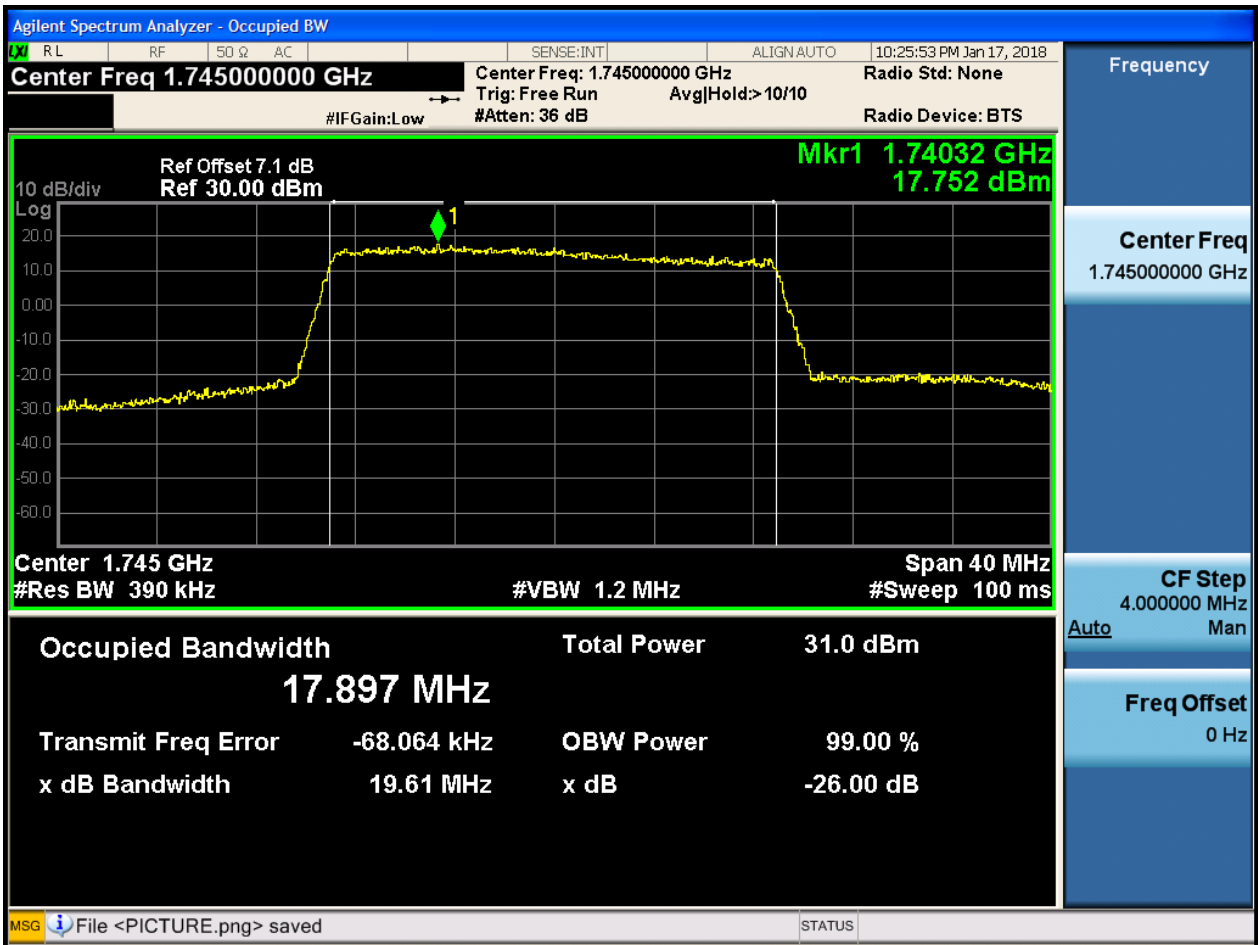
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



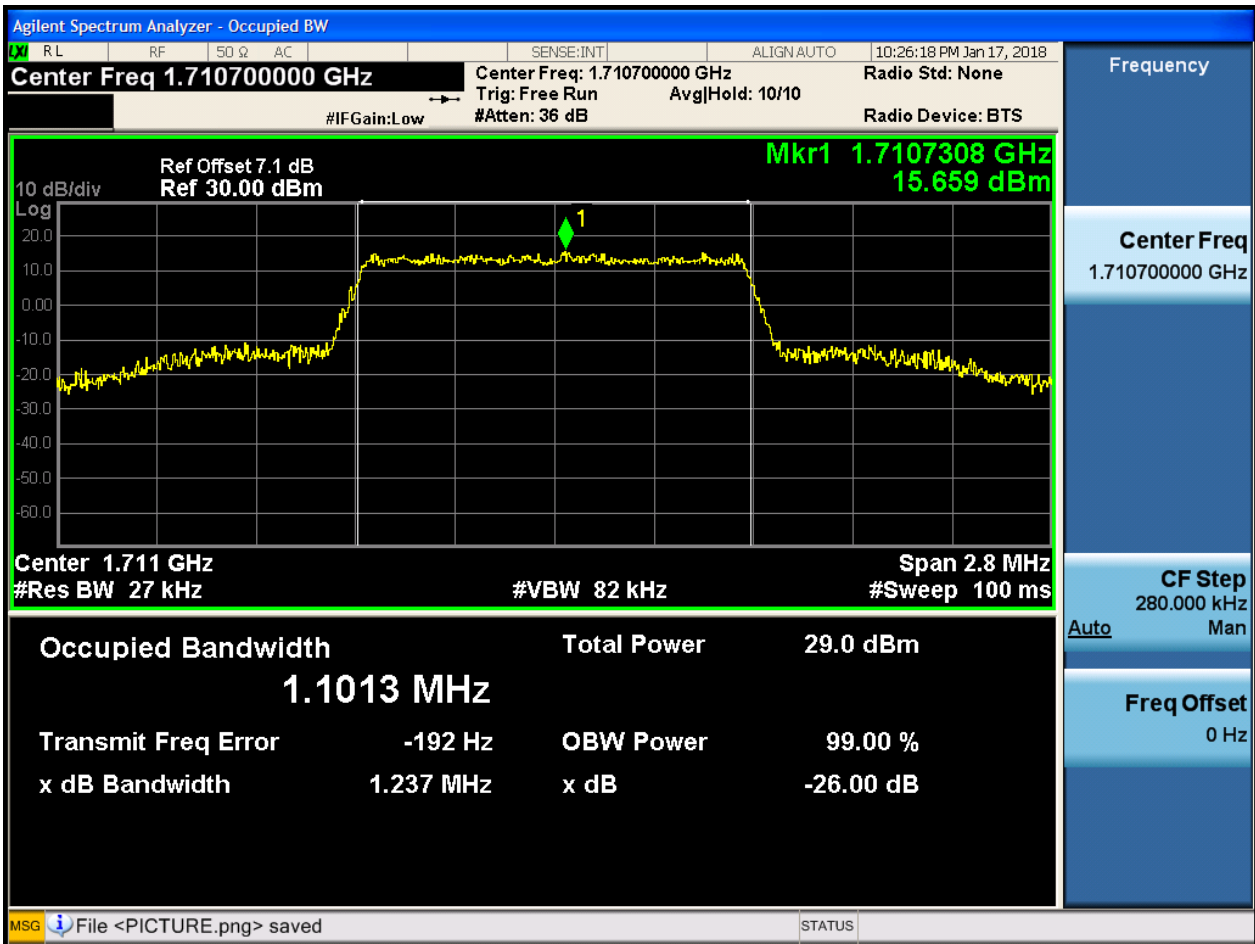


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

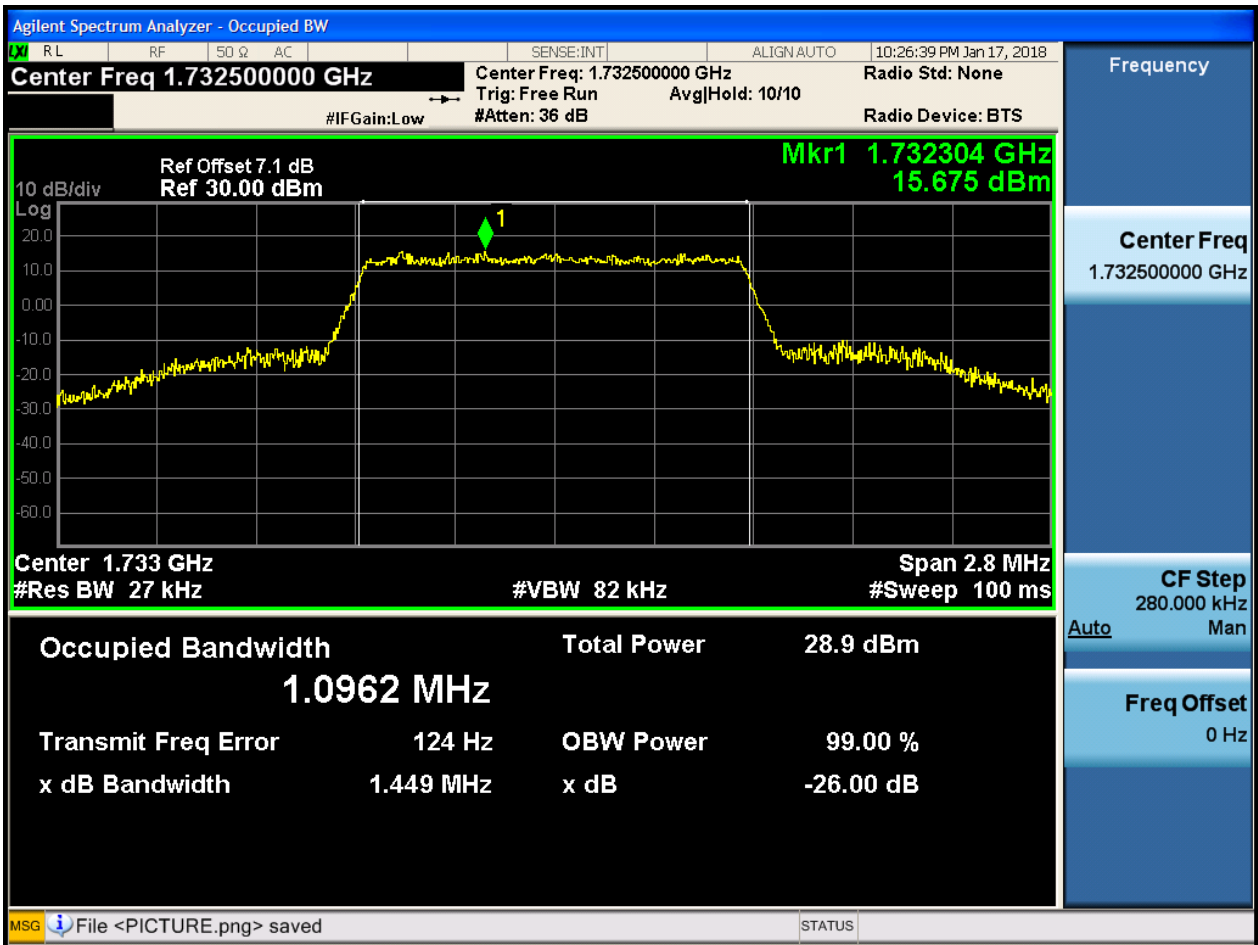
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

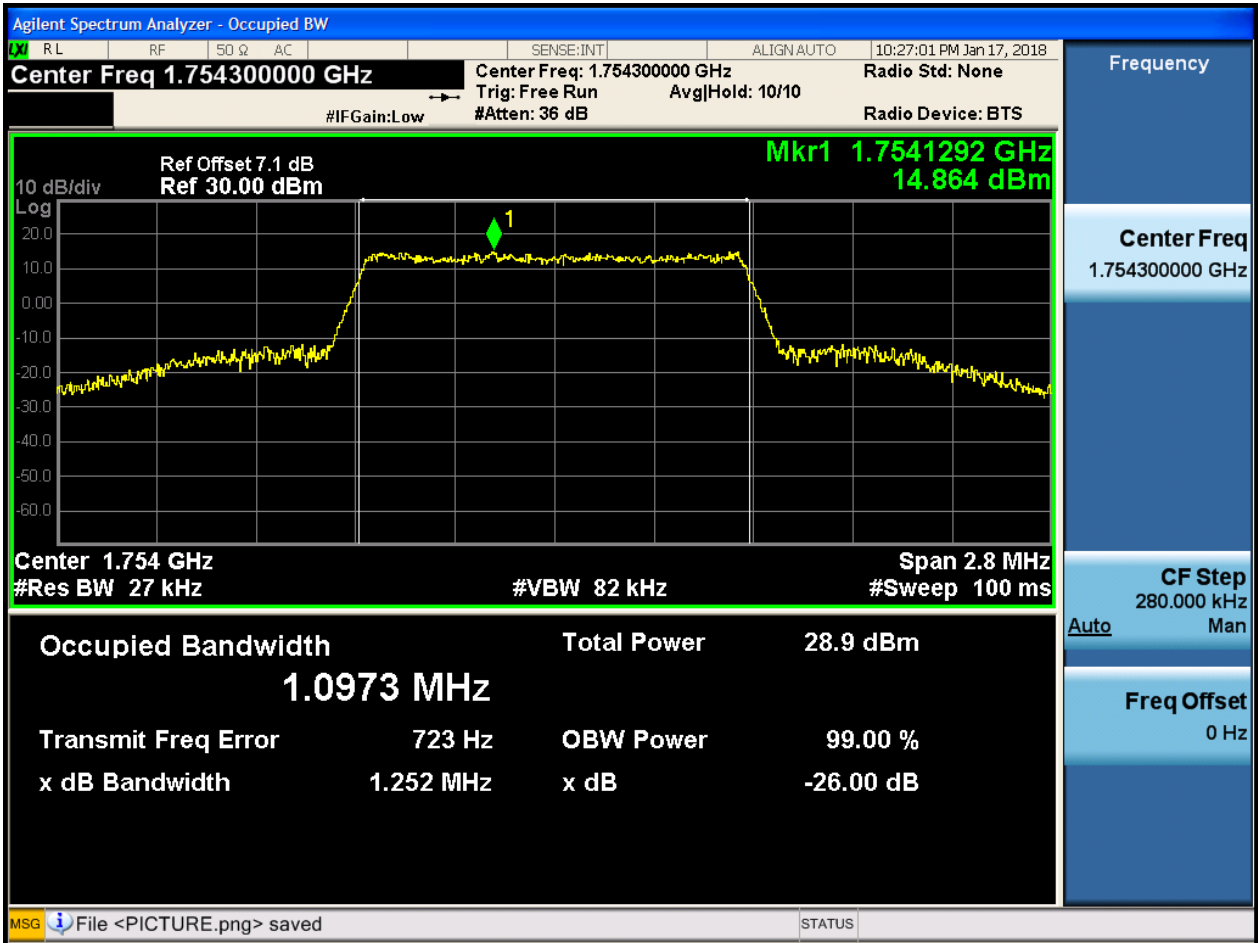
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

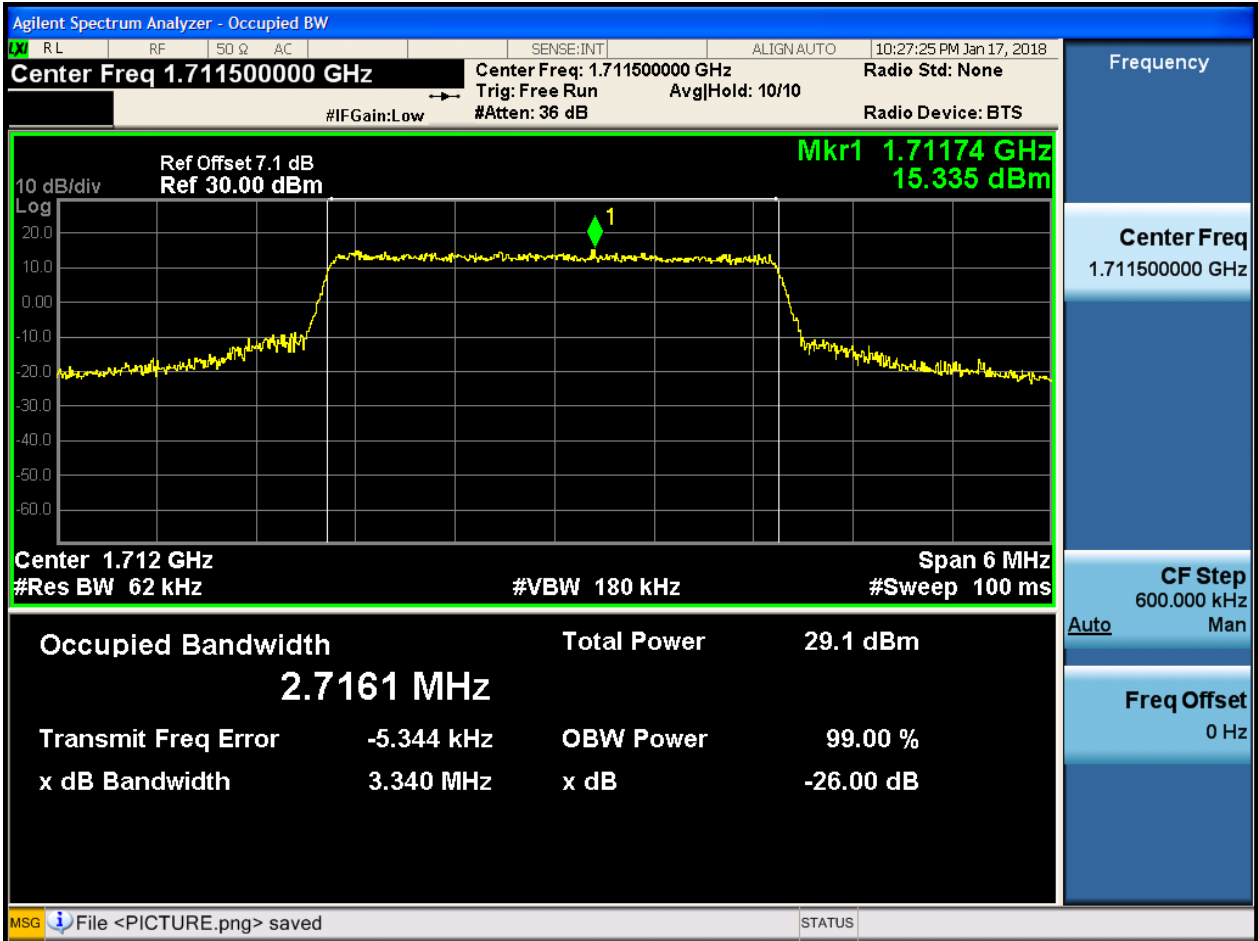




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

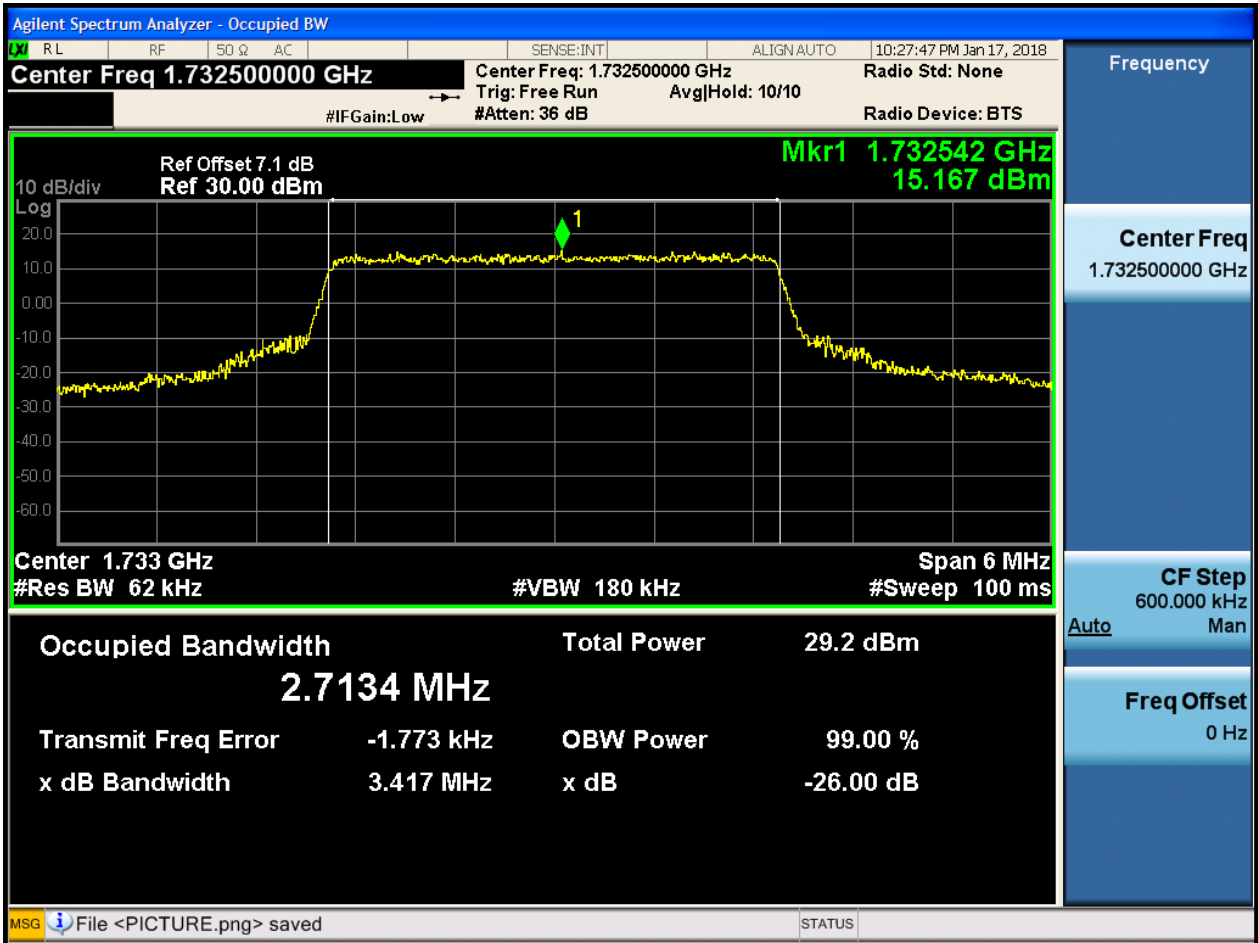
4.1.1.2.2.1.1 Test RB = RB15#0





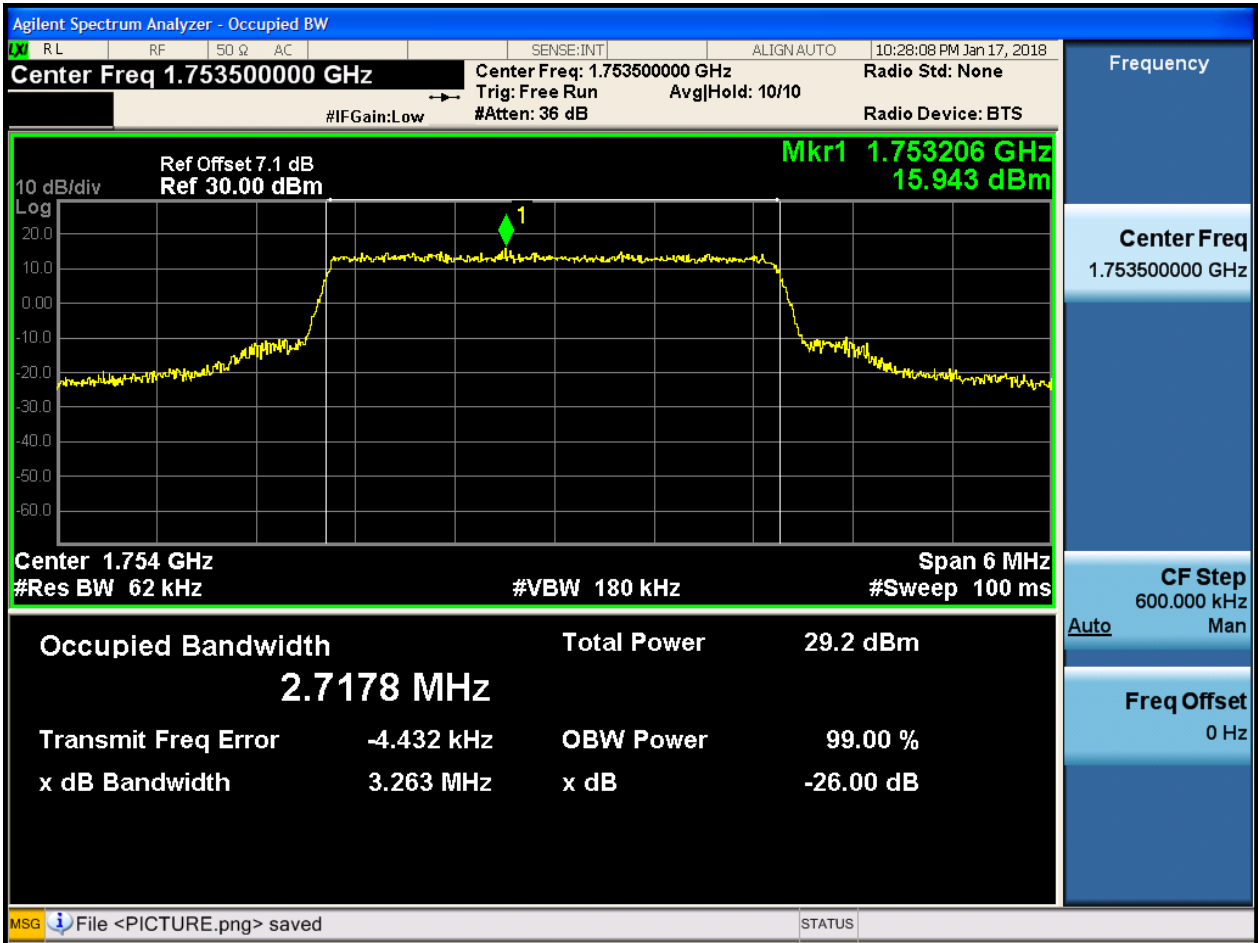
4.1.1.2.2.2 Test Channel = MCH

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

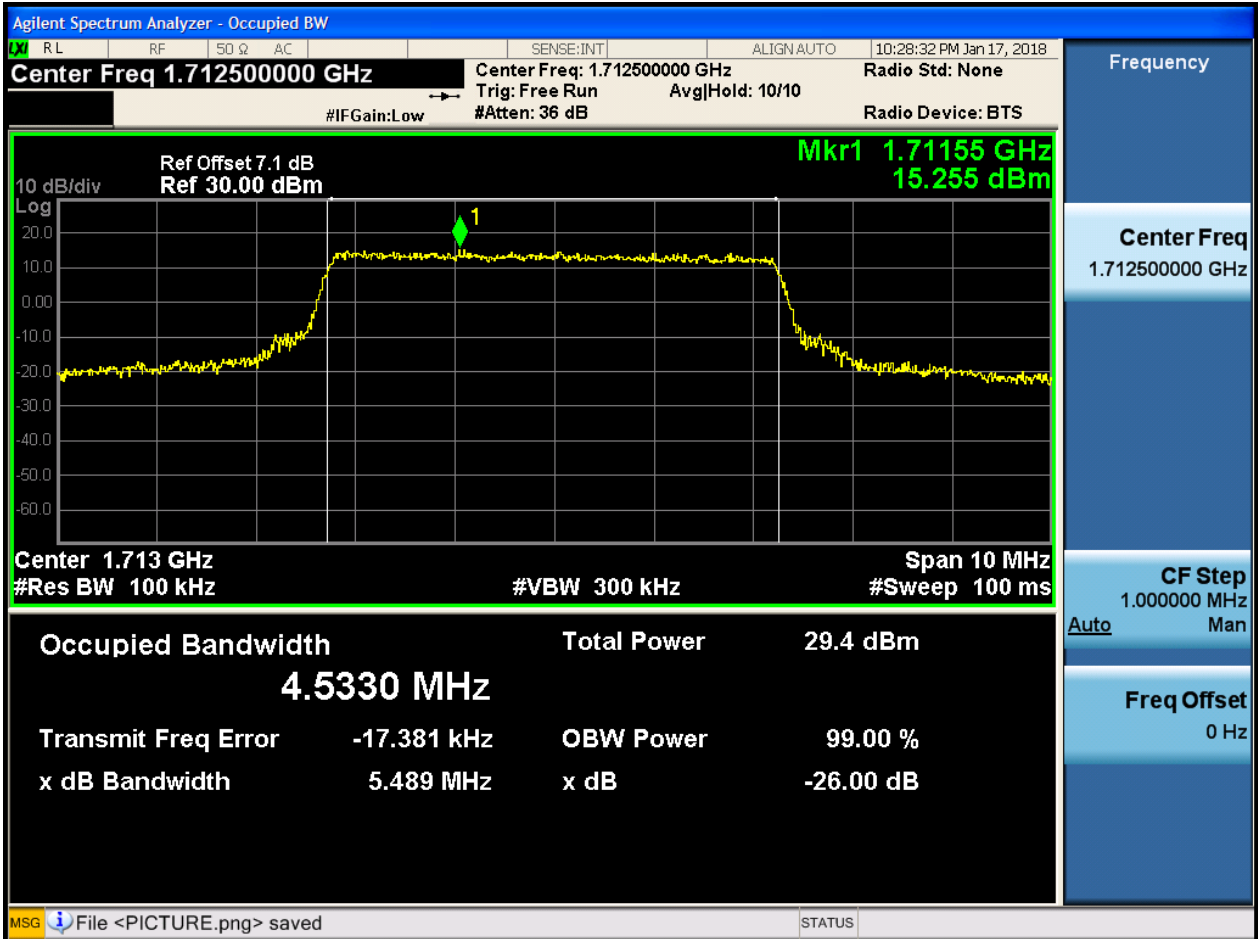




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

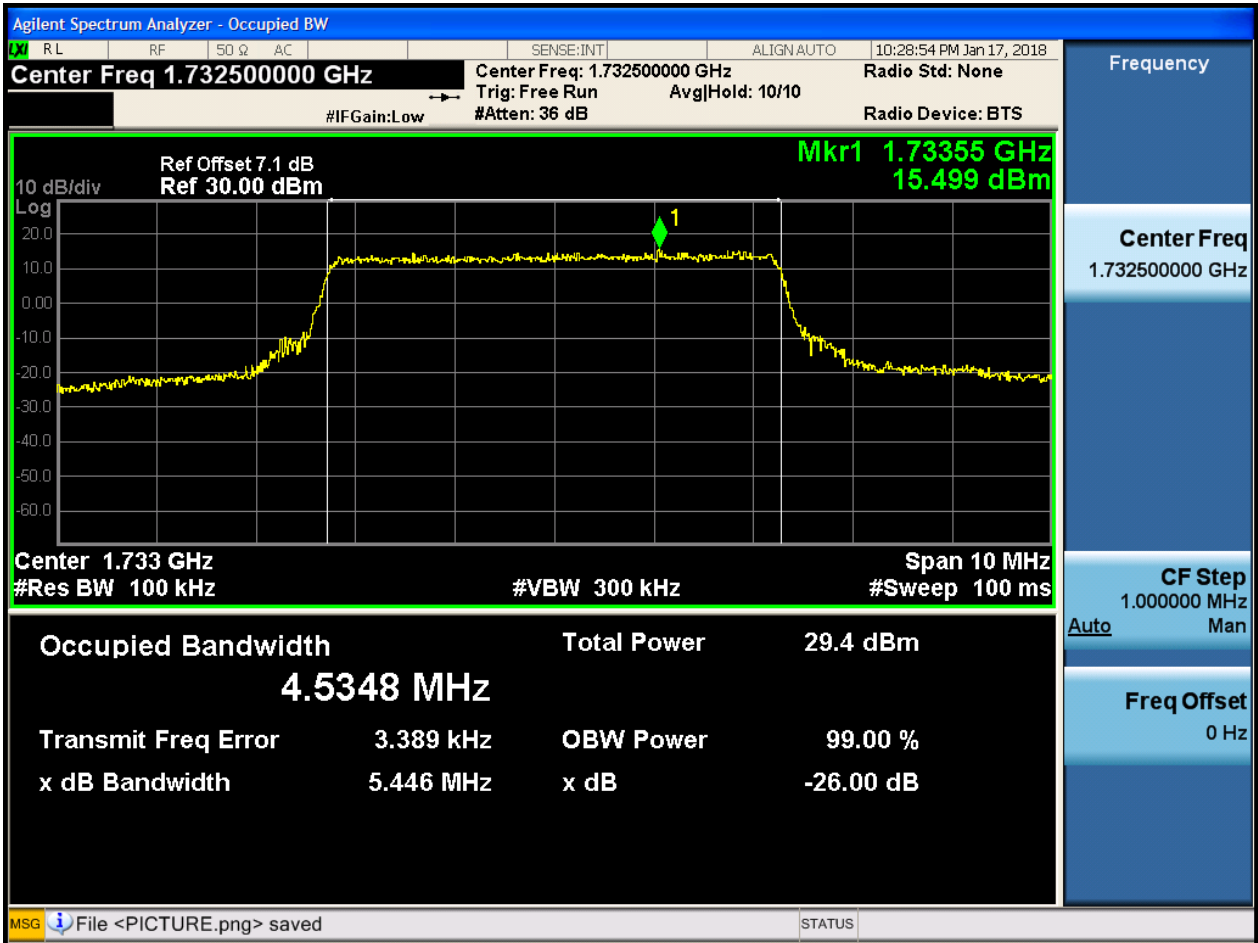
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

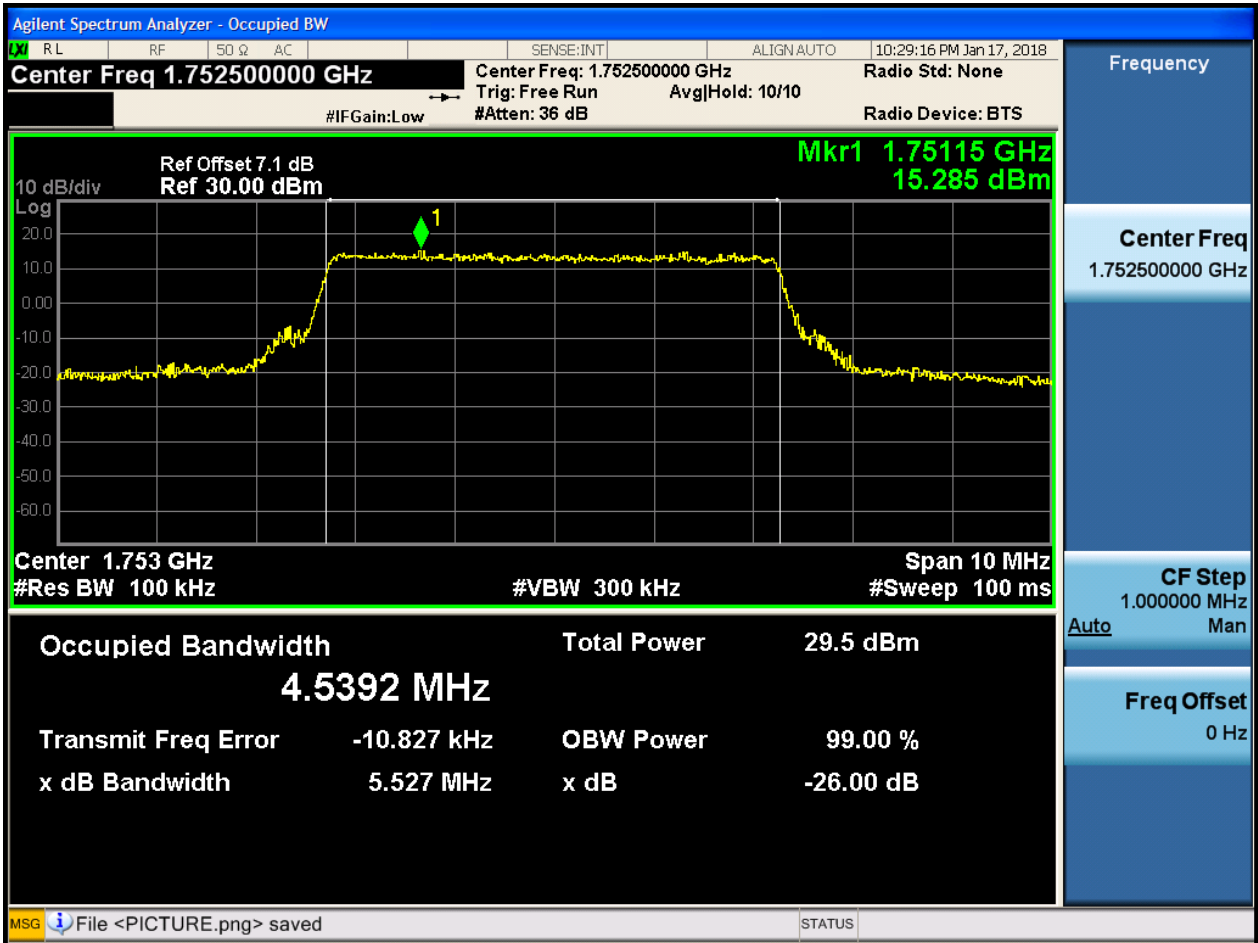
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

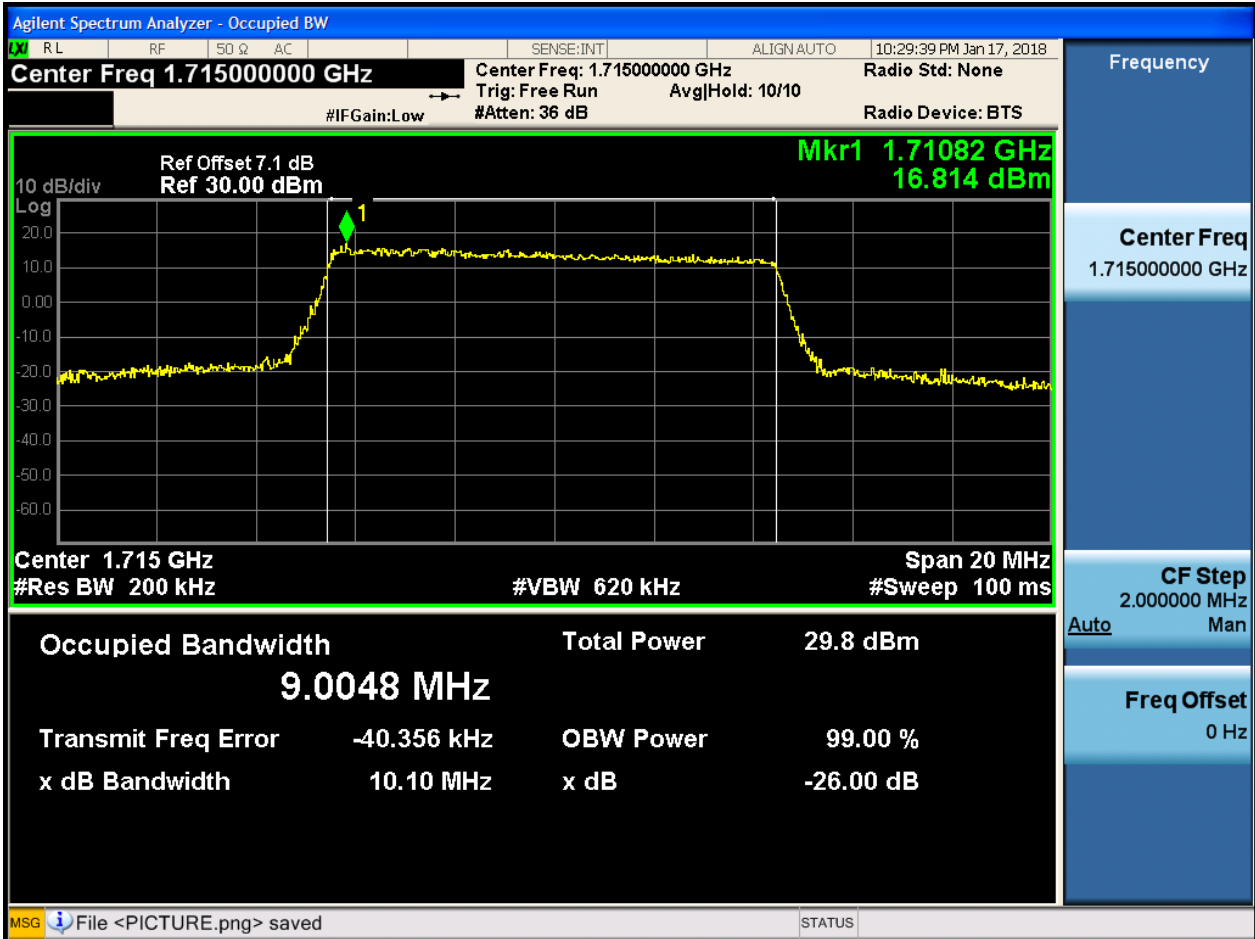




4.1.1.2.4 Test Bandwidth = 10

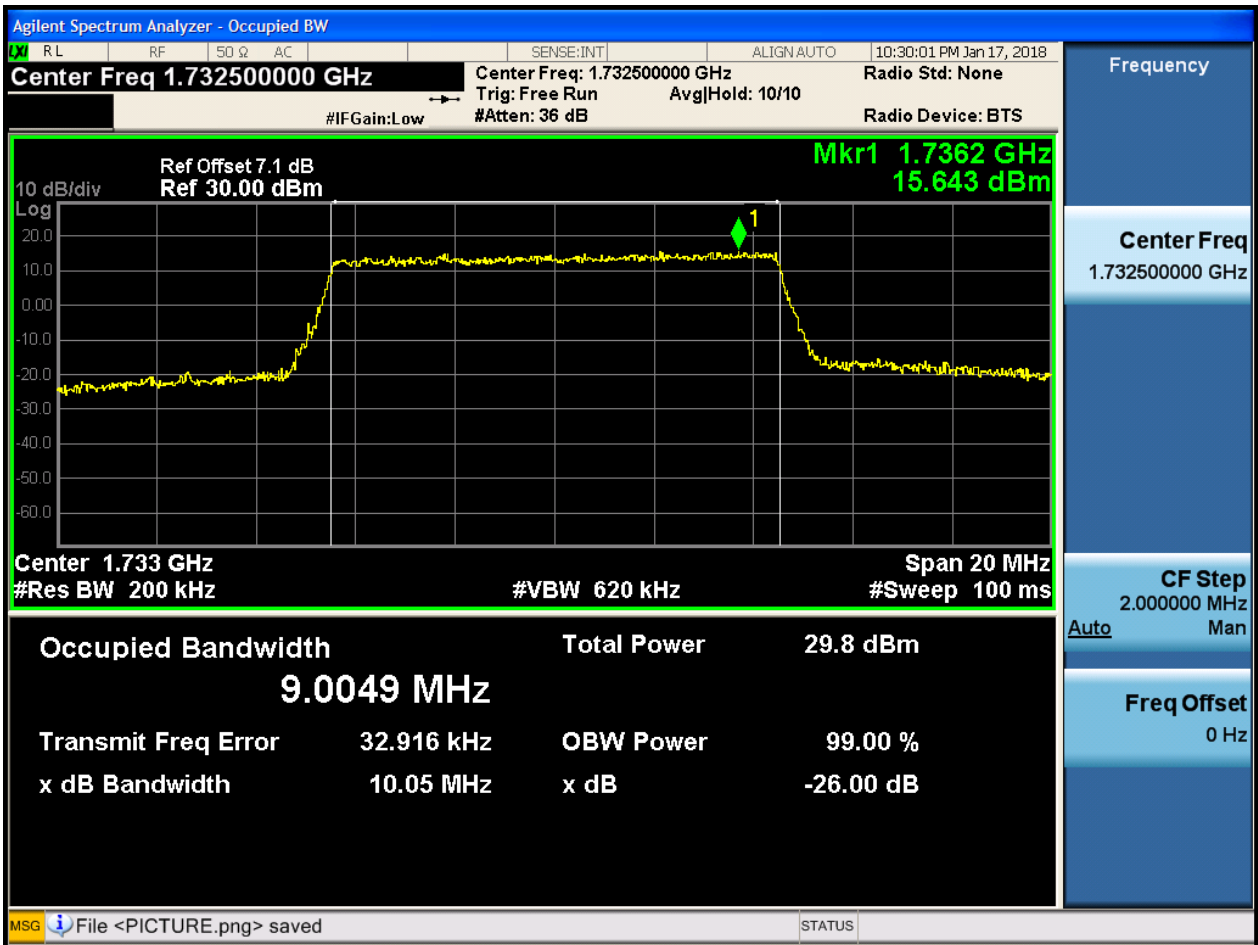
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



4.1.1.2.4.2 Test Channel = MCH

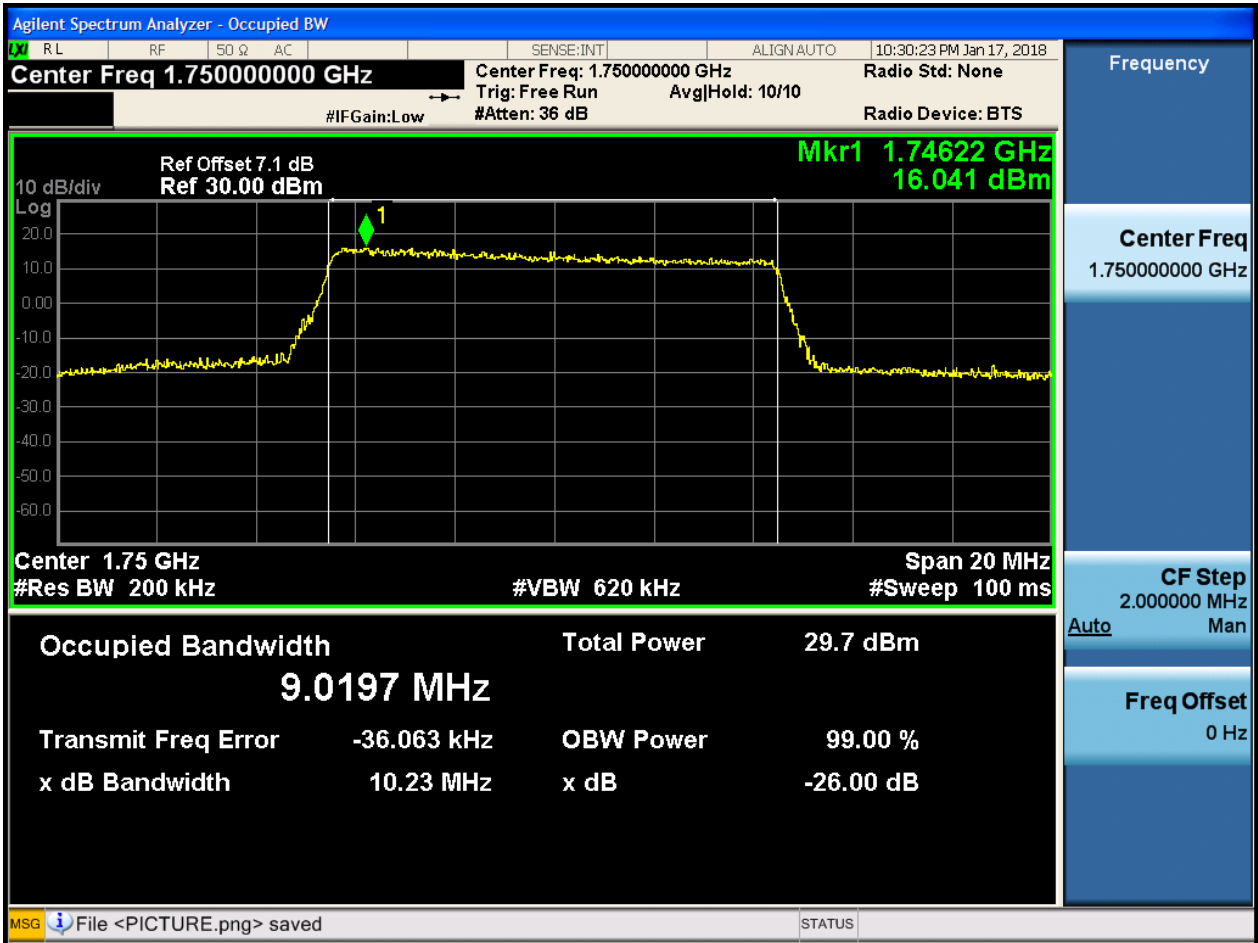
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

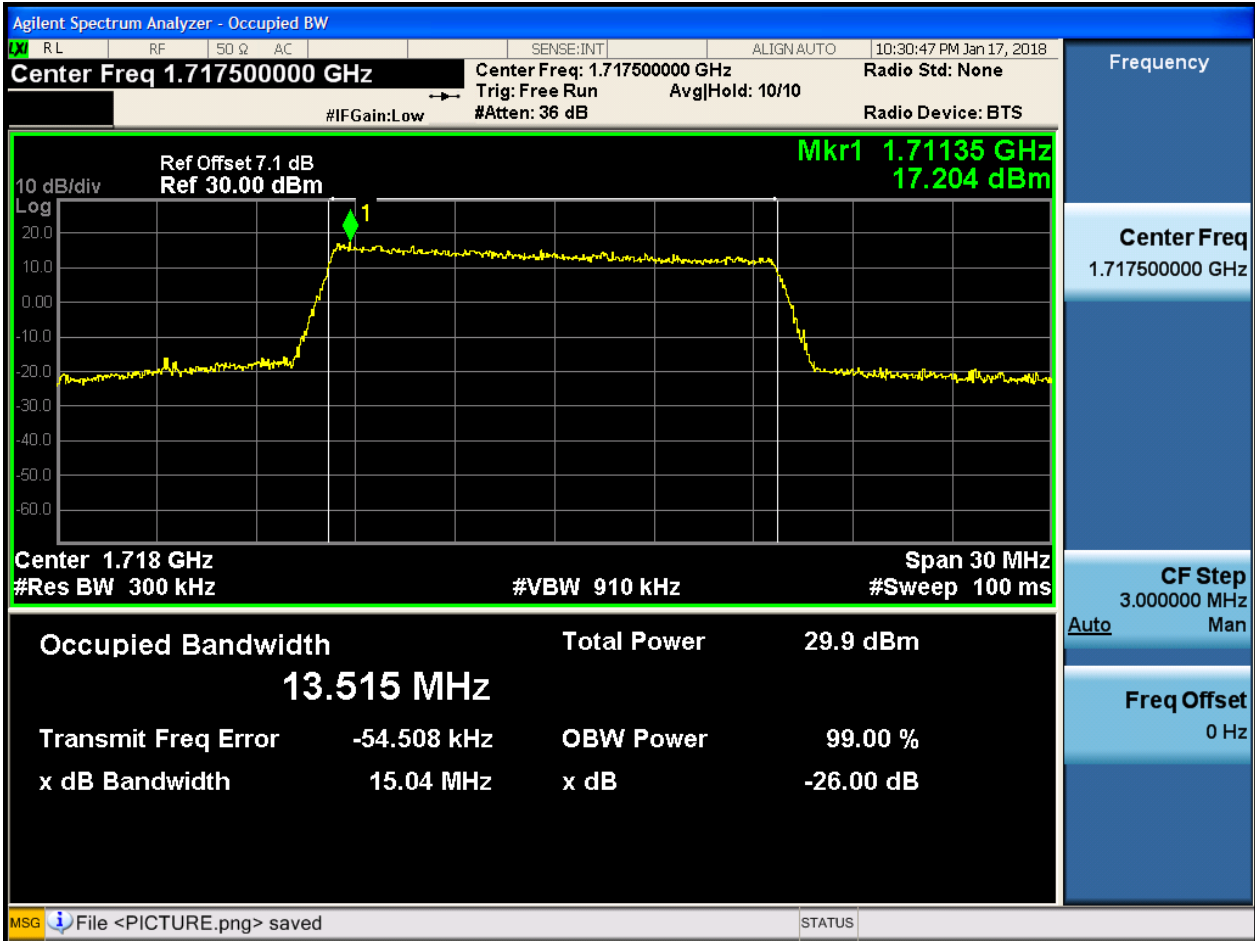




4.1.1.2.5 Test Bandwidth = 15

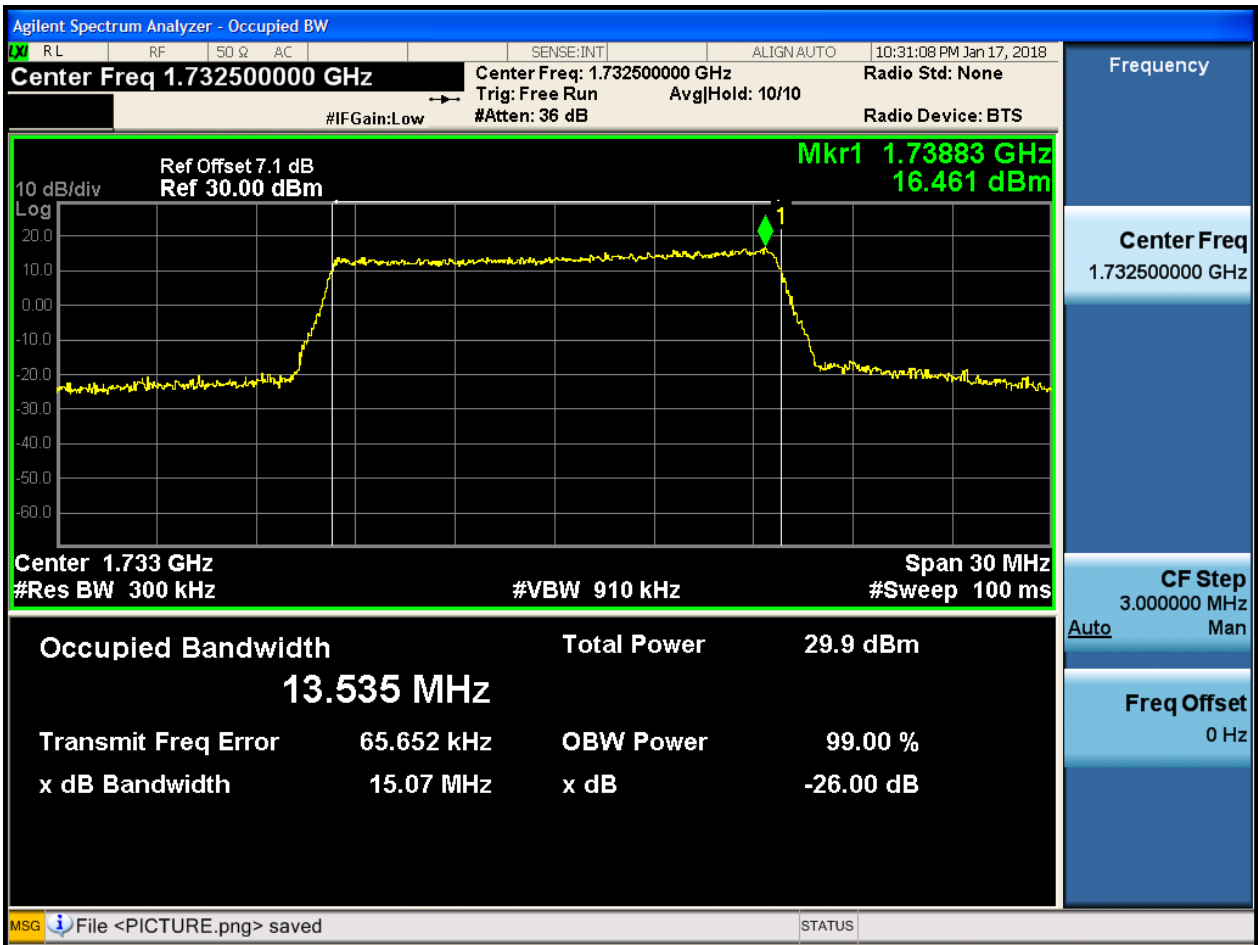
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

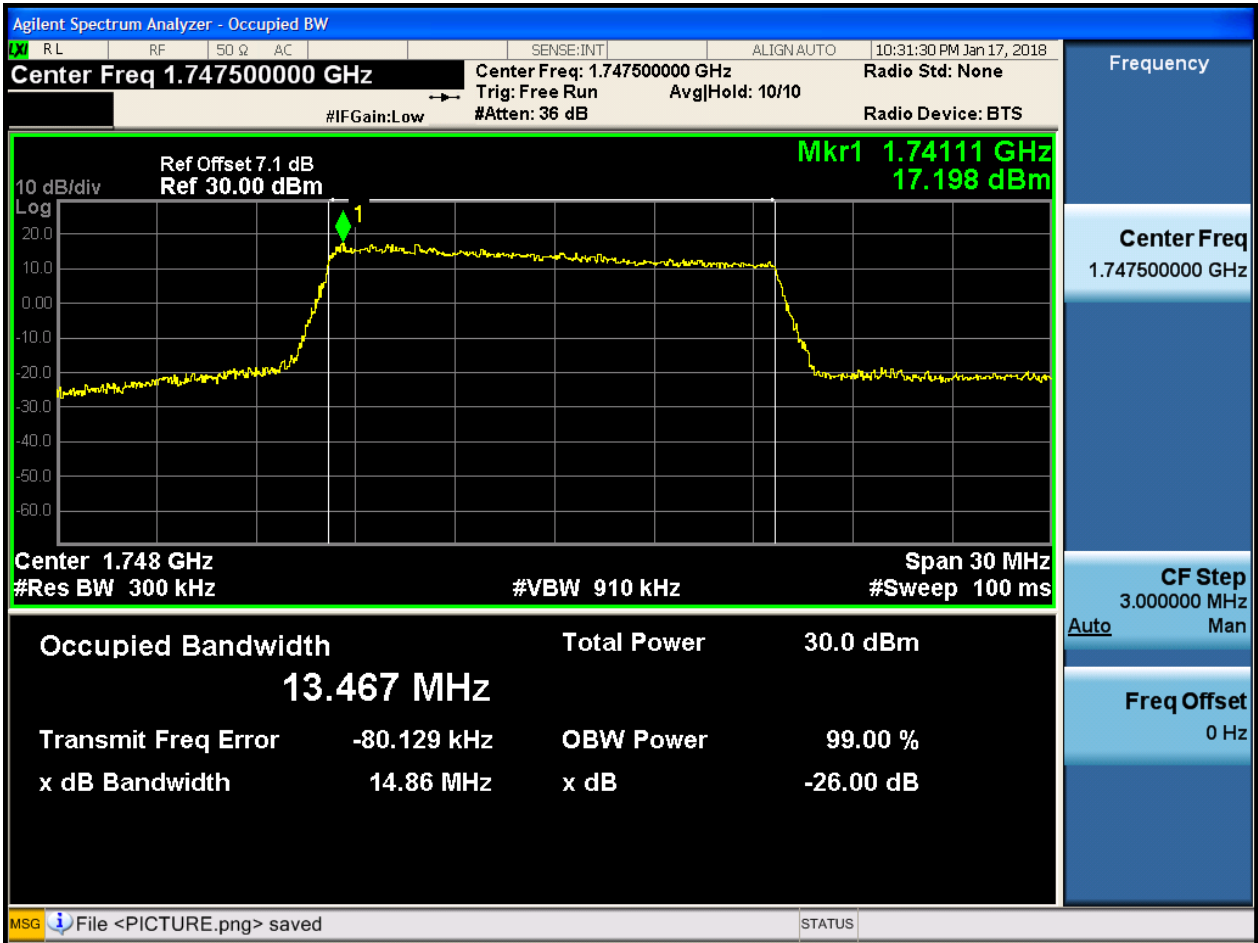
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

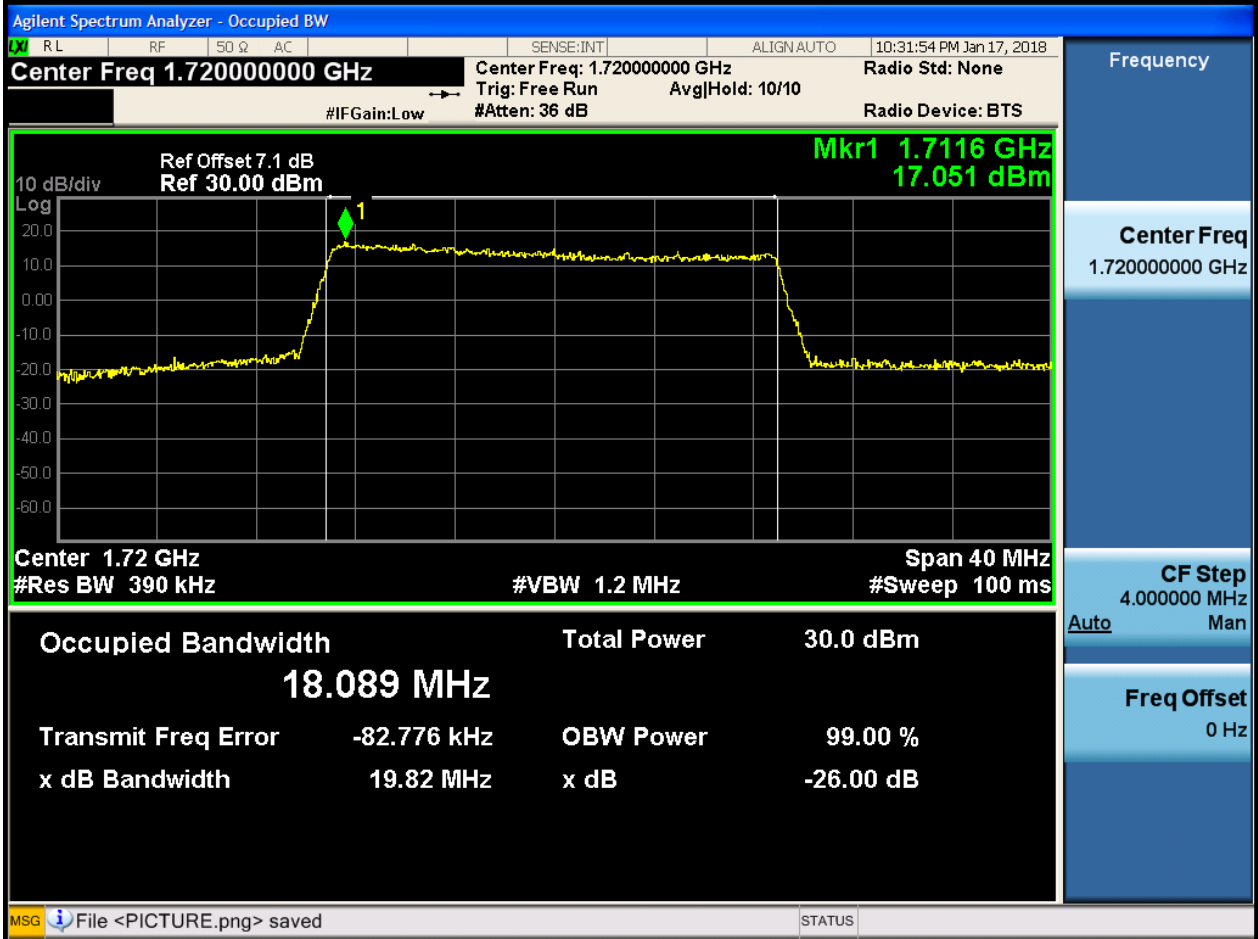




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

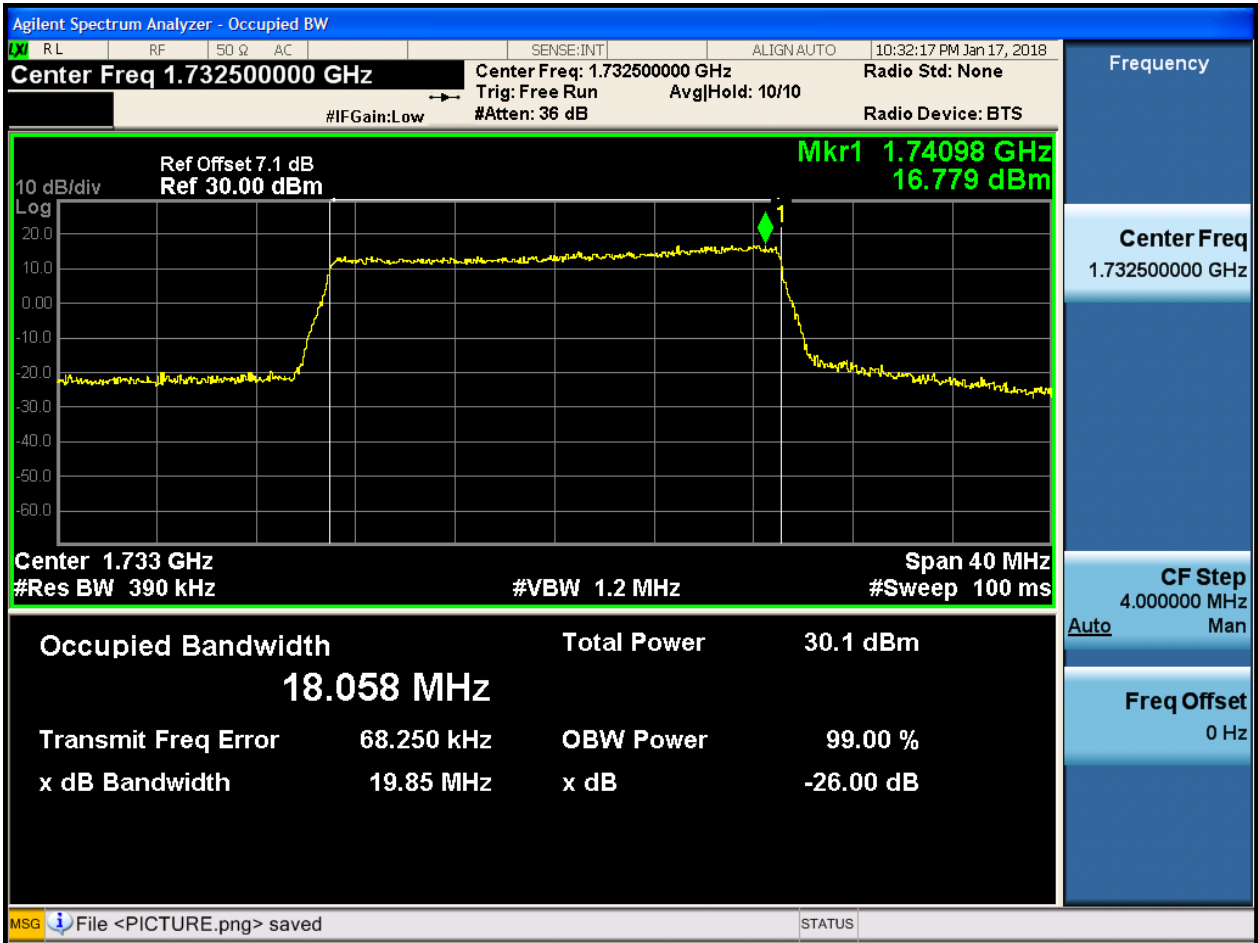
4.1.1.2.6.1.1 Test RB = RB100#0





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

