



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	23.19	23.68	30	PASS
				RB1#3	23.2	23.88	30	PASS
				RB1#5	23.19	23.89	30	PASS
				RB3#0	22.83	23.48	30	PASS
				RB3#2	22.94	23.66	30	PASS
				RB3#3	23.04	23.69	30	PASS
				RB6#0	21.01	21.68	30	PASS
			MCH	RB1#0	23.14	23.59	30	PASS
				RB1#3	22.86	23.54	30	PASS
				RB1#5	23.1	23.56	30	PASS
				RB3#0	22.73	23.36	30	PASS
				RB3#2	22.89	23.41	30	PASS
				RB3#3	23.08	23.73	30	PASS
				RB6#0	21.1	21.77	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
			HCH	RB1#0	23.13	23.72	30	PASS
				RB1#3	22.86	23.57	30	PASS
				RB1#5	23.11	23.85	30	PASS
				RB3#0	22.96	23.65	30	PASS
				RB3#2	22.64	23.37	30	PASS
				RB3#3	23.24	23.78	30	PASS
				RB6#0	20.91	21.56	30	PASS
		3	LCH	RB1#0	23.14	23.61	30	PASS
				RB1#7	22.96	23.43	30	PASS
				RB1#14	23.12	23.74	30	PASS
				RB8#0	21.05	21.79	30	PASS
				RB8#4	21.09	21.66	30	PASS
				RB8#7	21.16	21.89	30	PASS
				RB15#0	21.13	21.67	30	PASS
				MCH	RB1#0	23.15	23.66	30
RB1#7	22.38	23.05	30		PASS			
RB1#14	23.12	23.77	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB8#0	21.05	21.72	30	PASS
				RB8#4	21.03	21.65	30	PASS
				RB8#7	21.09	21.79	30	PASS
				RB15#0	21.07	21.59	30	PASS
			HCH	RB1#0	23.19	23.66	30	PASS
				RB1#7	23.08	23.74	30	PASS
				RB1#14	23.2	23.70	30	PASS
				RB8#0	21.11	21.74	30	PASS
				RB8#4	21.06	21.74	30	PASS
				RB8#7	20.9	21.49	30	PASS
				RB15#0	21.12	21.81	30	PASS
				5	LCH	RB1#0	23.18	23.80
		RB1#13	23.23			23.70	30	PASS
		RB1#24	23.19			23.88	30	PASS
		RB12#0	21.19			21.86	30	PASS
		RB12#6	21.14			21.74	30	PASS
		RB12#13	21.19			21.73	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB25#0	21.13	21.68	30	PASS
			MCH	RB1#0	23.03	23.59	30	PASS
				RB1#13	23.08	23.83	30	PASS
				RB1#24	23.09	23.82	30	PASS
				RB12#0	21.08	21.60	30	PASS
				RB12#6	21.03	21.65	30	PASS
				RB12#13	21.09	21.62	30	PASS
				RB25#0	21.04	21.64	30	PASS
				HCH	RB1#0	23.13	23.67	30
			RB1#13		23.11	23.80	30	PASS
			RB1#24		23.15	23.71	30	PASS
			RB12#0		21.16	21.75	30	PASS
			RB12#6		20.97	21.58	30	PASS
			RB12#13		21.15	21.85	30	PASS
			RB25#0		21.11	21.86	30	PASS
		10	LCH	RB1#0	23.26	23.83	30	PASS
				RB1#25	23.76	24.39	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB1#49	23.22	23.78	30	PASS
				RB25#0	21.1	21.77	30	PASS
				RB25#13	21.09	21.55	30	PASS
				RB25#25	21.16	21.68	30	PASS
				RB50#0	21.11	21.76	30	PASS
			MCH	RB1#0	23.21	23.77	30	PASS
			MCH	RB1#25	22.61	23.28	30	PASS
			MCH	RB1#49	23.17	23.71	30	PASS
			MCH	RB25#0	21.15	21.76	30	PASS
			MCH	RB25#13	21.07	21.66	30	PASS
			MCH	RB25#25	21.15	21.68	30	PASS
			MCH	RB50#0	21.14	21.78	30	PASS
			HCH	RB1#0	23.16	23.77	30	PASS
			HCH	RB1#25	22.76	23.34	30	PASS
			HCH	RB1#49	23.26	24.01	30	PASS
			HCH	RB25#0	21.07	21.63	30	PASS
			HCH	RB25#13	21.08	21.68	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB25#25	21.04	21.59	30	PASS
				RB50#0	21.11	21.64	30	PASS
		15	LCH	RB1#0	23.3	23.81	30	PASS
				RB1#38	23.17	23.68	30	PASS
				RB1#74	23.14	23.79	30	PASS
				RB38#0	21.15	21.79	30	PASS
				RB38#19	21.12	21.66	30	PASS
				RB38#39	21.16	21.72	30	PASS
				RB75#0	21.21	21.82	30	PASS
			MCH	RB1#0	23.13	23.77	30	PASS
				RB1#38	23.2	23.81	30	PASS
				RB1#74	23.08	23.55	30	PASS
				RB38#0	21.07	21.74	30	PASS
				RB38#19	21.19	21.81	30	PASS
				RB38#39	21.15	21.88	30	PASS
HCH	RB75#0	21.11	21.62	30	PASS			
	HCH	RB1#0	23.18	23.81	30	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict	
				RB1#38	23.17	23.81	30	PASS	
				RB1#74	23.15	23.67	30	PASS	
				RB38#0	21.12	21.59	30	PASS	
				RB38#19	21.1	21.56	30	PASS	
				RB38#39	21.12	21.69	30	PASS	
				RB75#0	21.12	21.79	30	PASS	
		20	LCH	RB1#0	23.17	23.70	30	PASS	
				RB1#50	22.72	23.35	30	PASS	
				RB1#99	23.21	23.77	30	PASS	
				RB50#0	21.16	21.85	30	PASS	
				RB50#25	21.14	21.83	30	PASS	
				RB50#50	21.17	21.66	30	PASS	
				RB100#0	21.15	21.72	30	PASS	
				MCH	RB1#0	23.22	23.78	30	PASS
					RB1#50	22.96	23.64	30	PASS
					RB1#99	23.18	23.83	30	PASS
RB50#0	21.2	21.78	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB50#25	21.15	21.84	30	PASS
				RB50#50	21.14	21.60	30	PASS
				RB100#0	21.15	21.75	30	PASS
			HCH	RB1#0	23.23	23.70	30	PASS
				RB1#50	22.96	23.49	30	PASS
				RB1#99	23.24	23.98	30	PASS
				RB50#0	21.13	21.75	30	PASS
				RB50#25	21.07	21.79	30	PASS
				RB50#50	21.14	21.66	30	PASS
				RB100#0	21.11	21.86	30	PASS
				LCH	RB1#0	21.86	22.33	30
			RB1#3		21.32	21.84	30	PASS
			RB1#5		21.85	22.41	30	PASS
			RB3#0		21.58	22.24	30	PASS
			RB3#2		21.51	22.03	30	PASS
RB3#3	21.67	22.41	30		PASS			
RB6#0	20.62	21.19	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
			MCH	RB1#0	21.63	22.33	30	PASS
				RB1#3	21.33	21.94	30	PASS
				RB1#5	21.64	22.29	30	PASS
				RB3#0	21.49	22.24	30	PASS
				RB3#2	21.44	22.04	30	PASS
				RB3#3	21.37	21.91	30	PASS
				RB6#0	20.37	20.82	30	PASS
			HCH	RB1#0	21.75	22.32	30	PASS
				RB1#3	21.46	21.97	30	PASS
				RB1#5	21.79	22.45	30	PASS
				RB3#0	21.52	22.16	30	PASS
				RB3#2	21.5	22.22	30	PASS
				RB3#3	21.5	22.19	30	PASS
				RB6#0	20.61	21.23	30	PASS
		3	LCH	RB1#0	21.79	22.51	30	PASS
				RB1#7	21.24	21.74	30	PASS
				RB1#14	21.74	22.36	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB8#0	20.41	20.92	30	PASS
				RB8#4	20.61	21.24	30	PASS
				RB8#7	20.56	21.03	30	PASS
				RB15#0	20.59	21.26	30	PASS
			MCH	RB1#0	21.66	22.29	30	PASS
				RB1#7	21.1	21.57	30	PASS
				RB1#14	21.66	22.30	30	PASS
				RB8#0	20.59	21.24	30	PASS
				RB8#4	20.43	21.13	30	PASS
				RB8#7	20.63	21.14	30	PASS
				RB15#0	20.46	21.13	30	PASS
				HCH	RB1#0	21.68	22.23	30
			RB1#7		21.11	21.79	30	PASS
			RB1#14		21.75	22.37	30	PASS
			RB8#0		20.5	21.07	30	PASS
			RB8#4		20.56	21.15	30	PASS
			RB8#7		20.41	21.11	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB15#0	20.52	20.98	30	PASS
		5	LCH	RB1#0	21.86	22.60	30	PASS
				RB1#13	21.86	22.47	30	PASS
				RB1#24	21.87	22.56	30	PASS
				RB12#0	20.67	21.34	30	PASS
				RB12#6	20.51	21.09	30	PASS
				RB12#13	20.57	21.19	30	PASS
				RB25#0	20.52	21.21	30	PASS
				MCH	RB1#0	21.85	22.53	30
			RB1#13		21.83	22.55	30	PASS
			RB1#24		21.87	22.38	30	PASS
			RB12#0		20.56	21.11	30	PASS
			RB12#6		20.48	20.96	30	PASS
			RB12#13		20.54	21.15	30	PASS
			RB25#0		20.47	20.94	30	PASS
			HCH	RB1#0	21.89	22.58	30	PASS
				RB1#13	21.88	22.54	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict	
				RB1#24	21.91	22.62	30	PASS	
				RB12#0	20.52	21.27	30	PASS	
				RB12#6	20.48	21.19	30	PASS	
				RB12#13	20.61	21.11	30	PASS	
				RB25#0	20.5	21.25	30	PASS	
		10	LCH	RB1#0	21.83	22.37	30	PASS	
				RB1#25	21.24	21.99	30	PASS	
				RB1#49	21.68	22.35	30	PASS	
				RB25#0	20.6	21.28	30	PASS	
				RB25#13	20.51	21.08	30	PASS	
				RB25#25	20.64	21.28	30	PASS	
				RB50#0	20.52	21.10	30	PASS	
				MCH	RB1#0	21.83	22.41	30	PASS
					RB1#25	21.52	22.24	30	PASS
					RB1#49	21.89	22.42	30	PASS
		RB25#0	20.59		21.29	30	PASS		
		RB25#13	20.59		21.19	30	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB25#25	20.6	21.20	30	PASS
				RB50#0	20.52	21.06	30	PASS
			HCH	RB1#0	21.69	22.27	30	PASS
				RB1#25	22.07	22.81	30	PASS
				RB1#49	21.84	22.53	30	PASS
				RB25#0	20.53	21.28	30	PASS
				RB25#13	20.58	21.10	30	PASS
				RB25#25	20.49	21.01	30	PASS
				RB50#0	20.46	21.00	30	PASS
				15	LCH	RB1#0	21.69	22.42
		RB1#38	21.7			22.16	30	PASS
		RB1#74	21.69			22.28	30	PASS
		RB38#0	20.57			21.15	30	PASS
		RB38#19	20.51			21.01	30	PASS
		RB38#39	20.59	21.09		30	PASS	
RB75#0	20.6	21.05	30	PASS				
MCH	RB1#0	21.75	22.35	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB1#38	21.75	22.20	30	PASS
				RB1#74	21.74	22.31	30	PASS
				RB38#0	20.56	21.07	30	PASS
				RB38#19	20.52	21.12	30	PASS
				RB38#39	20.56	21.30	30	PASS
				RB75#0	20.53	21.15	30	PASS
			HCH	RB1#0	21.83	22.53	30	PASS
				RB1#38	21.77	22.46	30	PASS
				RB1#74	21.88	22.62	30	PASS
				RB38#0	20.56	21.27	30	PASS
				RB38#19	20.54	21.17	30	PASS
				RB38#39	20.57	21.14	30	PASS
		20	LCH	RB1#0	22.05	22.63	30	PASS
				RB1#50	21.5	21.97	30	PASS
				RB1#99	22.07	22.72	30	PASS
				RB50#0	20.58	21.13	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB50#25	20.59	21.07	30	PASS
				RB50#50	20.55	21.05	30	PASS
				RB100#0	20.56	21.28	30	PASS
			MCH	RB1#0	22.07	22.81	30	PASS
				RB1#50	21.58	22.27	30	PASS
				RB1#99	21.94	22.56	30	PASS
				RB50#0	20.61	21.07	30	PASS
				RB50#25	20.55	21.12	30	PASS
				RB50#50	20.58	21.32	30	PASS
				RB100#0	20.56	21.02	30	PASS
			HCH	RB1#0	21.82	22.46	30	PASS
				RB1#50	21.52	22.06	30	PASS
				RB1#99	21.77	22.51	30	PASS
				RB50#0	20.54	20.99	30	PASS
				RB50#25	20.46	20.93	30	PASS
RB50#50	20.51	21.14		30	PASS			
RB100#0	20.54	21.07		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	3.95	13	PASS
				RB1#3	4.07	13	PASS
				RB1#5	4.22	13	PASS
				RB3#0	4.67	13	PASS
				RB3#2	4.77	13	PASS
				RB3#3	4.76	13	PASS
			RB6#0	6.04	13	PASS	
			MCH	RB1#0	4.88	13	PASS
				RB1#3	5	13	PASS
				RB1#5	4.97	13	PASS
				RB3#0	5.5	13	PASS
				RB3#2	5.58	13	PASS
				RB3#3	5.52	13	PASS
			HCH	RB6#0	5.99	13	PASS
				RB1#0	4.09	13	PASS
				RB1#3	4.14	13	PASS
				RB1#5	4.12	13	PASS
				RB3#0	4.72	13	PASS
		RB3#2		4.62	13	PASS	
		3	LCH	RB3#3	4.6	13	PASS
				RB6#0	5.93	13	PASS
				RB1#0	3.99	13	PASS
				RB1#7	4.66	13	PASS
				RB1#14	4.68	13	PASS
				RB8#0	6	13	PASS
			MCH	RB8#4	6.02	13	PASS
				RB8#7	6.13	13	PASS
				RB15#0	5.9	13	PASS
				RB1#0	5.09	13	PASS
				RB1#7	5.17	13	PASS
RB1#14	5.13			13	PASS		
RB8#0	6	13	PASS				
RB8#4	5.93	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	6.1	13	PASS
			HCH	RB1#0	3.97	13	PASS
				RB1#7	4.34	13	PASS
				RB1#14	4.13	13	PASS
				RB8#0	6.08	13	PASS
				RB8#4	6.16	13	PASS
				RB8#7	6.14	13	PASS
			RB15#0	6.03	13	PASS	
			LCH	RB1#0	4.02	13	PASS
				RB1#13	4.76	13	PASS
				RB1#24	5.03	13	PASS
				RB12#0	6	13	PASS
				RB12#6	6.26	13	PASS
		RB12#13		6.4	13	PASS	
		RB25#0		6.32	13	PASS	
		MCH	RB1#0	5.2	13	PASS	
			RB1#13	5.05	13	PASS	
			RB1#24	5.07	13	PASS	
			RB12#0	6.12	13	PASS	
			RB12#6	6.09	13	PASS	
			RB12#13	6.02	13	PASS	
		RB25#0	6.56	13	PASS		
		HCH	RB1#0	4.03	13	PASS	
			RB1#13	4.01	13	PASS	
			RB1#24	4.23	13	PASS	
			RB12#0	6.21	13	PASS	
			RB12#6	6.28	13	PASS	
			RB12#13	6.13	13	PASS	
		RB25#0	6.3	13	PASS		
		10	LCH	RB1#0	3.89	13	PASS
				RB1#25	4.77	13	PASS
RB1#49	5.57			13	PASS		
RB25#0	6.55			13	PASS		
RB25#13	6.58			13	PASS		
RB25#25	6.43			13	PASS		
RB50#0	6.62			13	PASS		
MCH	RB1#0		5.24	13	PASS		
RB1#25	5.1	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#49	5.18	13	PASS			
				RB25#0	6.18	13	PASS			
				RB25#13	6.15	13	PASS			
				RB25#25	6.17	13	PASS			
				RB50#0	6.18	13	PASS			
			HCH	RB1#0	3.96	13	PASS			
				RB1#25	4.24	13	PASS			
				RB1#49	4.44	13	PASS			
				RB25#0	5.93	13	PASS			
				RB25#13	5.95	13	PASS			
				RB25#25	6	13	PASS			
						LCH	RB1#0	4.07	13	PASS
							RB1#38	4.71	13	PASS
							RB1#74	4.83	13	PASS
							RB38#0	6.6	13	PASS
		RB38#19					6.41	13	PASS	
		RB38#39					6.39	13	PASS	
		RB75#0					6.79	13	PASS	
		MCH	RB1#0	5.16	13	PASS				
			RB1#38	5.24	13	PASS				
			RB1#74	5.21	13	PASS				
			RB38#0	6.42	13	PASS				
			RB38#19	6.35	13	PASS				
			RB38#39	6.47	13	PASS				
			RB75#0	6.73	13	PASS				
		HCH	RB1#0	4.71	13	PASS				
			RB1#38	4.09	13	PASS				
			RB1#74	4.36	13	PASS				
			RB38#0	6.22	13	PASS				
			RB38#19	6.17	13	PASS				
			RB38#39	6.2	13	PASS				
			RB75#0	6.48	13	PASS				
		20			LCH	RB1#0	4.27	13	PASS	
RB1#50	5.09					13	PASS			
RB1#99	5.16					13	PASS			
RB50#0	6.71					13	PASS			
RB50#25	6.39					13	PASS			
RB50#50	6.42					13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB100#0	6.53	13	PASS	
			MCH	RB1#0	5.11	13	PASS	
				RB1#50	5.24	13	PASS	
				RB1#99	4.58	13	PASS	
				RB50#0	6.36	13	PASS	
				RB50#25	6.29	13	PASS	
				RB50#50	6.43	13	PASS	
				RB100#0	6.51	13	PASS	
			HCH	RB1#0	5.21	13	PASS	
				RB1#50	4.49	13	PASS	
				RB1#99	4.35	13	PASS	
				RB50#0	6.22	13	PASS	
				RB50#25	6.16	13	PASS	
				RB50#50	6.19	13	PASS	
	RB100#0	6.39		13	PASS			
			1.4	LCH	RB1#0	5.11	13	PASS
					RB1#3	5.49	13	PASS
					RB1#5	5.5	13	PASS
					RB3#0	5.67	13	PASS
					RB3#2	5.92	13	PASS
					RB3#3	5.91	13	PASS
					RB6#0	6.84	13	PASS
				MCH	RB1#0	5.77	13	PASS
					RB1#3	5.78	13	PASS
					RB1#5	5.68	13	PASS
					RB3#0	6.2	13	PASS
					RB3#2	6.29	13	PASS
					RB3#3	6.31	13	PASS
					RB6#0	6.92	13	PASS
	HCH	RB1#0	5.22	13	PASS			
		RB1#3	5.19	13	PASS			
		RB1#5	5.22	13	PASS			
		RB3#0	6.13	13	PASS			
RB3#2		6.14	13	PASS				
RB3#3		6.11	13	PASS				
RB6#0		6.73	13	PASS				
		3	LCH	RB1#0	5.05	13	PASS	
				RB1#7	5.27	13	PASS	
				RB1#14	5.92	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
		5		RB8#0	6.73	13	PASS	
				RB8#4	6.78	13	PASS	
				RB8#7	6.94	13	PASS	
				RB15#0	6.68	13	PASS	
			MCH	RB1#0	6.11	13	PASS	
				RB1#7	6.24	13	PASS	
				RB1#14	6.12	13	PASS	
				RB8#0	6.72	13	PASS	
				RB8#4	6.74	13	PASS	
				RB8#7	6.75	13	PASS	
			HCH	RB15#0	6.69	13	PASS	
				RB1#0	5.25	13	PASS	
				RB1#7	5.75	13	PASS	
				RB1#14	5.28	13	PASS	
				RB8#0	6.6	13	PASS	
				RB8#4	6.56	13	PASS	
			5	LCH	RB8#7	6.7	13	PASS
					RB15#0	6.79	13	PASS
		RB1#0			5.01	13	PASS	
		RB1#13			5.85	13	PASS	
		RB1#24			6.16	13	PASS	
		RB12#0			6.93	13	PASS	
		RB12#6			7.11	13	PASS	
		MCH		RB12#13	7.24	13	PASS	
				RB25#0	7.04	13	PASS	
				RB1#0	5.62	13	PASS	
				RB1#13	5.61	13	PASS	
				RB1#24	5.58	13	PASS	
				RB12#0	6.76	13	PASS	
				RB12#6	6.74	13	PASS	
		HCH	RB12#13	6.78	13	PASS		
			RB25#0	6.99	13	PASS		
RB1#0	5		13	PASS				
RB1#13	4.95		13	PASS				
RB1#24	5.06		13	PASS				
RB12#0	6.57		13	PASS				
RB12#6	6.63		13	PASS				
RB12#13	6.5	13	PASS					
			RB25#0	6.81	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.42	13	PASS
				RB1#25	6.33	13	PASS
				RB1#49	6.72	13	PASS
				RB25#0	7.22	13	PASS
				RB25#13	7.36	13	PASS
				RB25#25	6.92	13	PASS
				RB50#0	7.24	13	PASS
			MCH	RB1#0	5.42	13	PASS
				RB1#25	5.6	13	PASS
				RB1#49	5.66	13	PASS
				RB25#0	7.07	13	PASS
				RB25#13	6.92	13	PASS
				RB25#25	6.98	13	PASS
				RB50#0	6.85	13	PASS
		HCH	RB1#0	5.29	13	PASS	
			RB1#25	5.11	13	PASS	
			RB1#49	5.06	13	PASS	
			RB25#0	6.62	13	PASS	
			RB25#13	6.71	13	PASS	
			RB25#25	6.77	13	PASS	
		15	LCH	RB1#0	5.35	13	PASS
				RB1#38	6.33	13	PASS
				RB1#74	6.16	13	PASS
				RB38#0	7.18	13	PASS
				RB38#19	7.14	13	PASS
				RB38#39	6.99	13	PASS
				RB75#0	7.65	13	PASS
			MCH	RB1#0	6.08	13	PASS
RB1#38	5.96			13	PASS		
RB1#74	5.82			13	PASS		
RB38#0	7.03			13	PASS		
RB38#19	6.96			13	PASS		
RB38#39	7.04			13	PASS		
HCH	RB1#0		5.52	13	PASS		
	RB1#38	5.13	13	PASS			
	RB1#74	5.27	13	PASS			
	RB38#0	6.66	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#19	6.65	13	PASS	
				RB38#39	6.68	13	PASS	
				RB75#0	6.99	13	PASS	
		20	LCH	RB1#0	5.17	13	PASS	
				RB1#50	6.09	13	PASS	
				RB1#99	5.76	13	PASS	
				RB50#0	7.26	13	PASS	
				RB50#25	7.01	13	PASS	
				RB50#50	7.03	13	PASS	
				RB100#0	7.57	13	PASS	
				MCH	RB1#0	5.83	13	PASS
					RB1#50	5.82	13	PASS
					RB1#99	5.37	13	PASS
					RB50#0	6.87	13	PASS
					RB50#25	6.81	13	PASS
					RB50#50	6.99	13	PASS
					RB100#0	7.39	13	PASS
				HCH	RB1#0	5.66	13	PASS
					RB1#50	5.51	13	PASS
					RB1#99	5.16	13	PASS
					RB50#0	6.97	13	PASS
RB50#25	6.78	13	PASS					
RB50#50	6.86	13	PASS					
RB100#0	7.12	13	PASS					

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

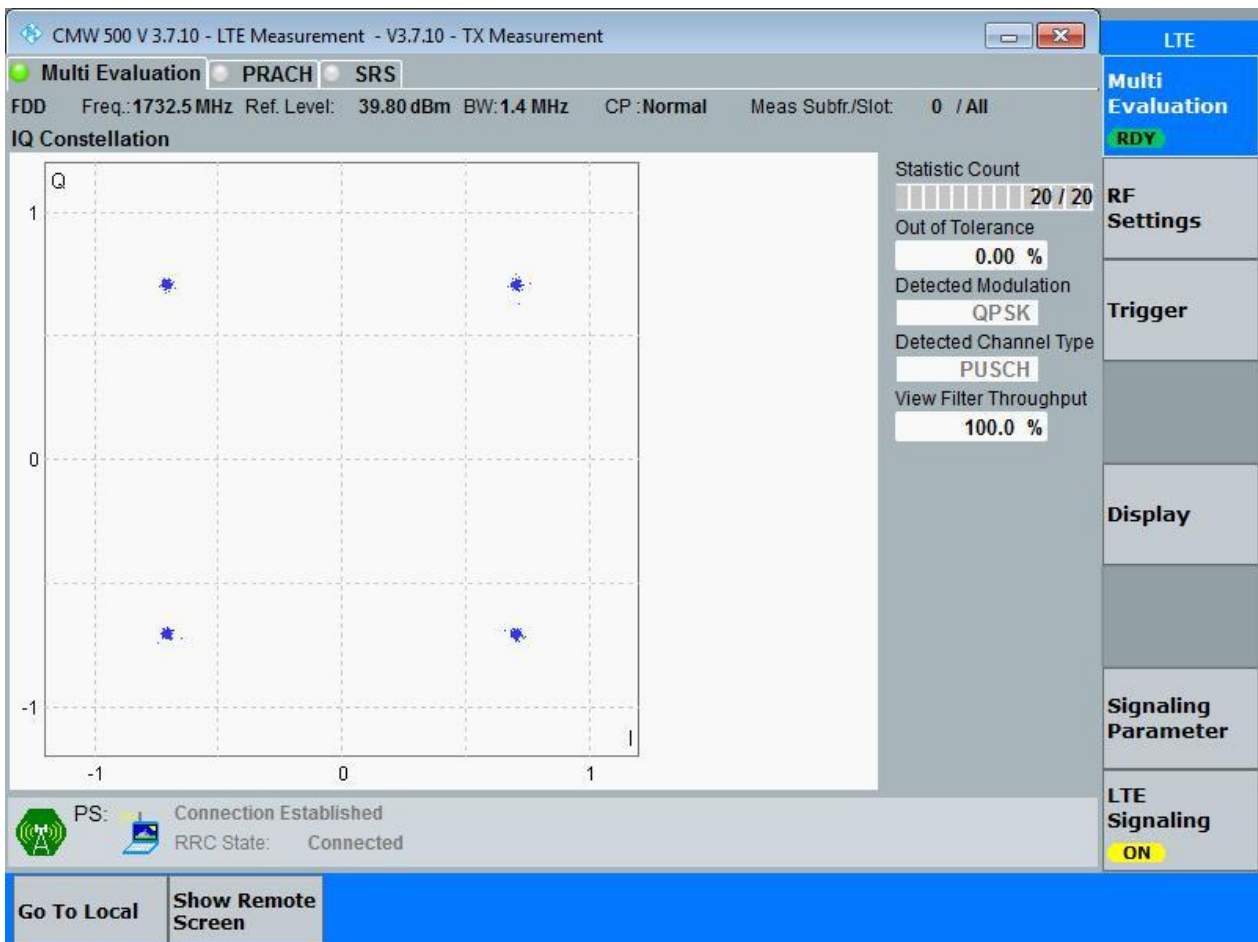
3.1.1 Test Band = BAND4

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

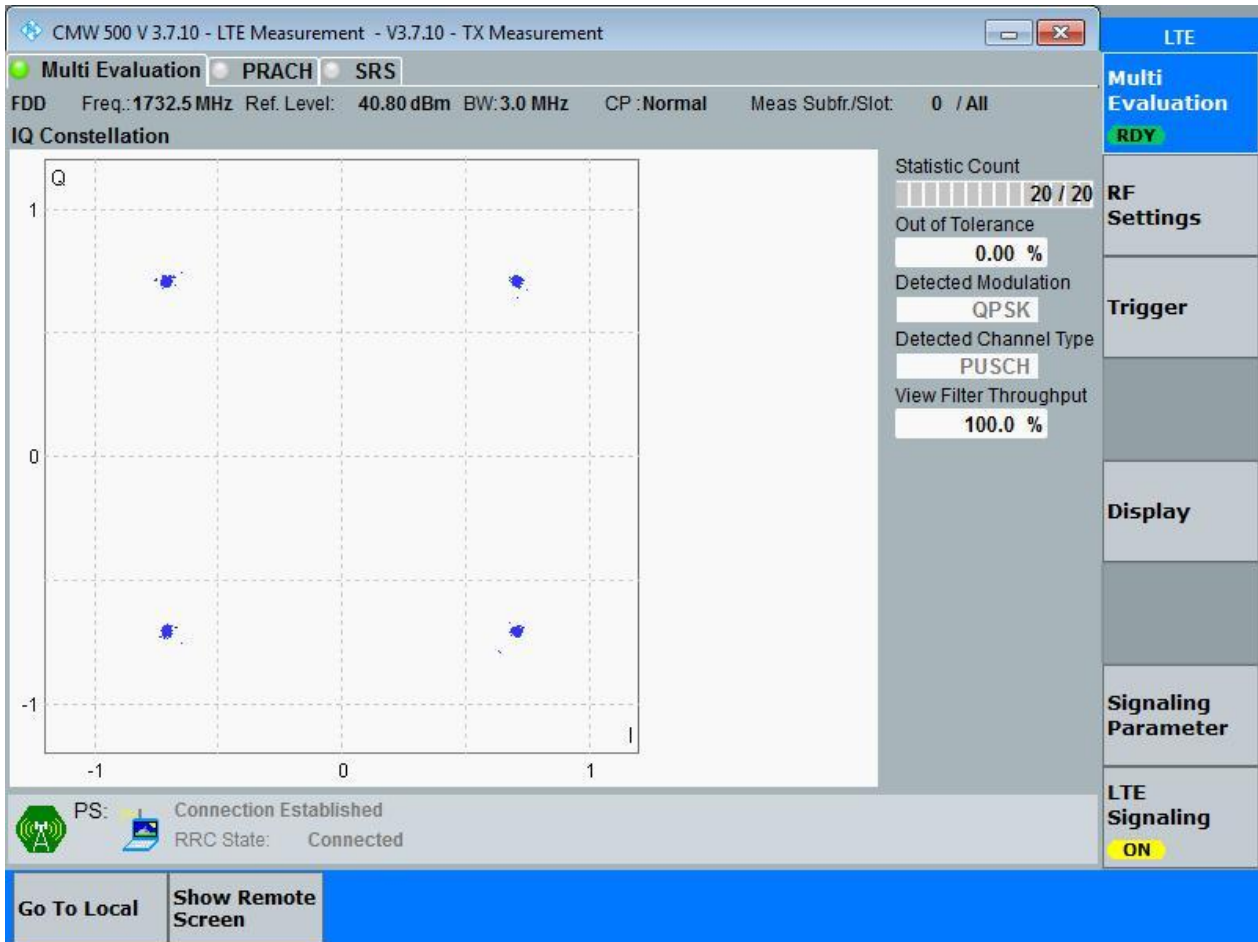
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

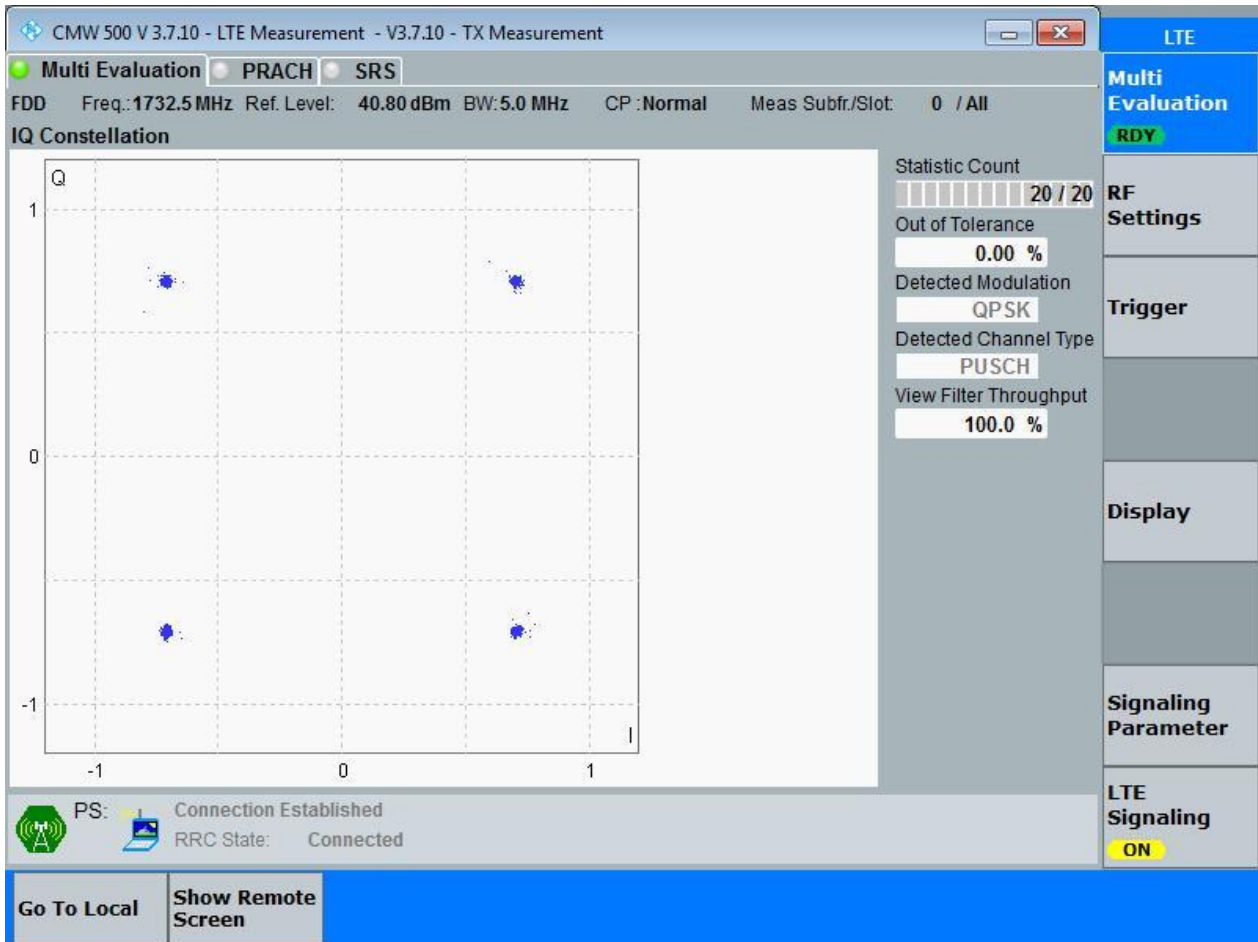
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

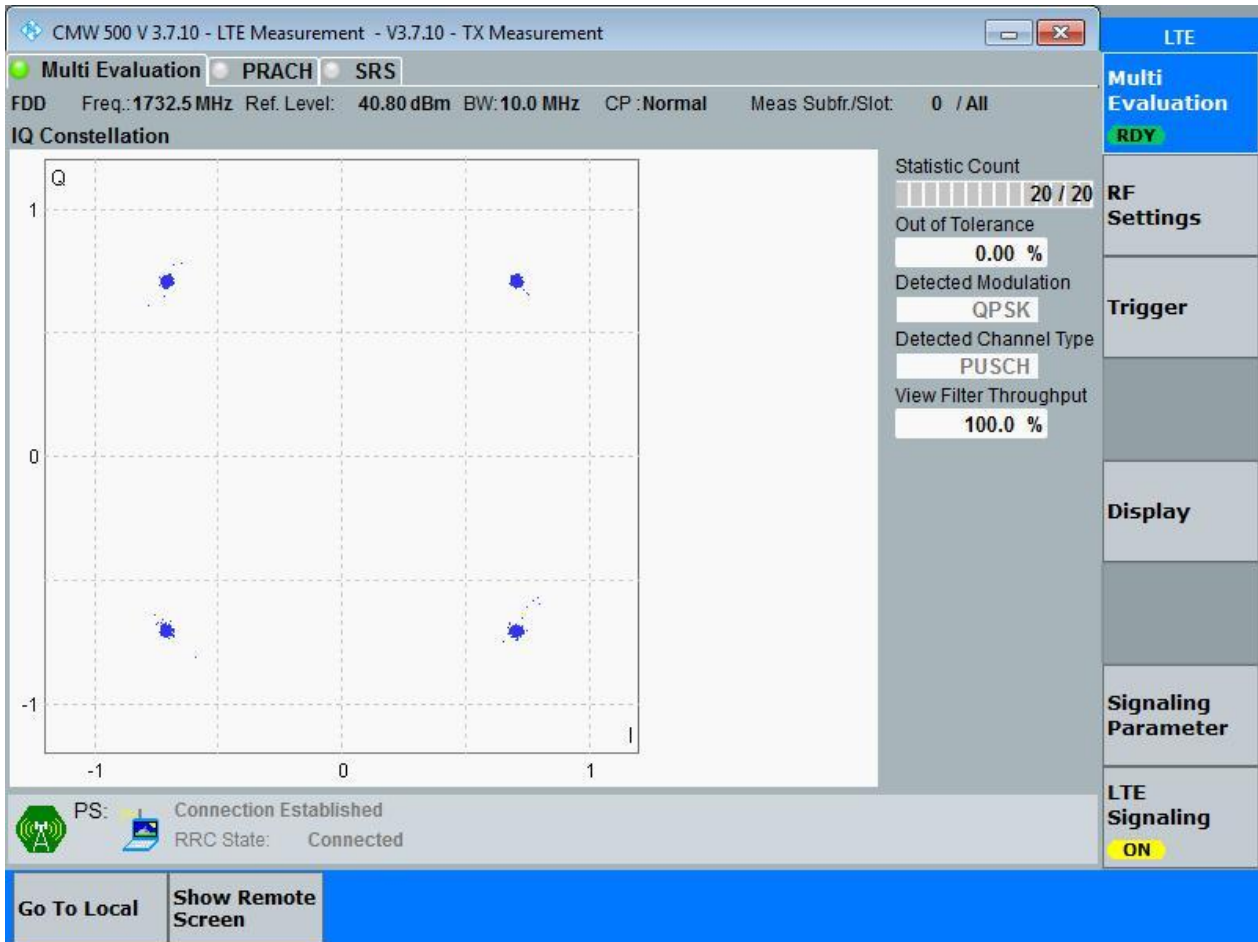
3.1.1.1.3.1.1 Test RB = RB25#0



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

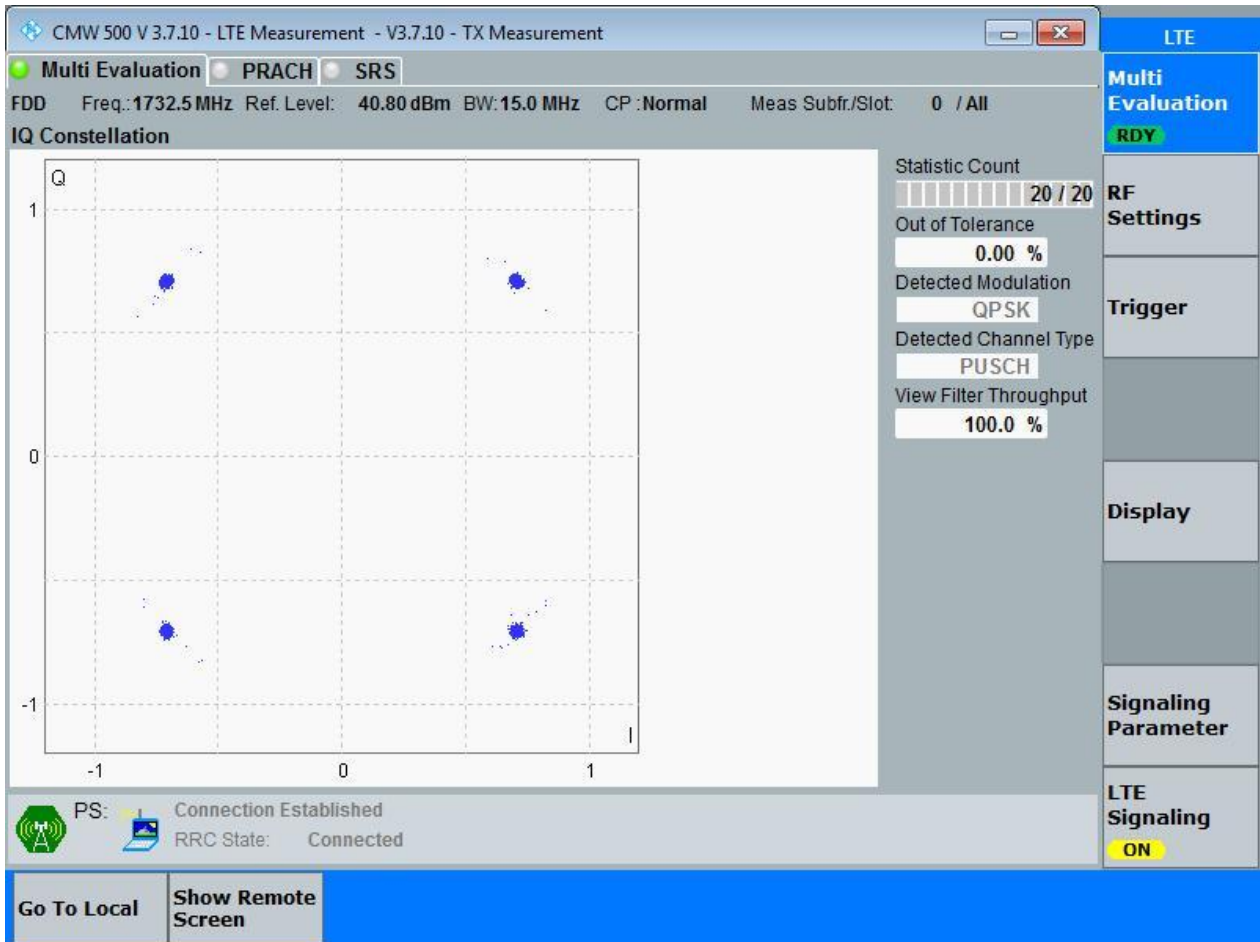




3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

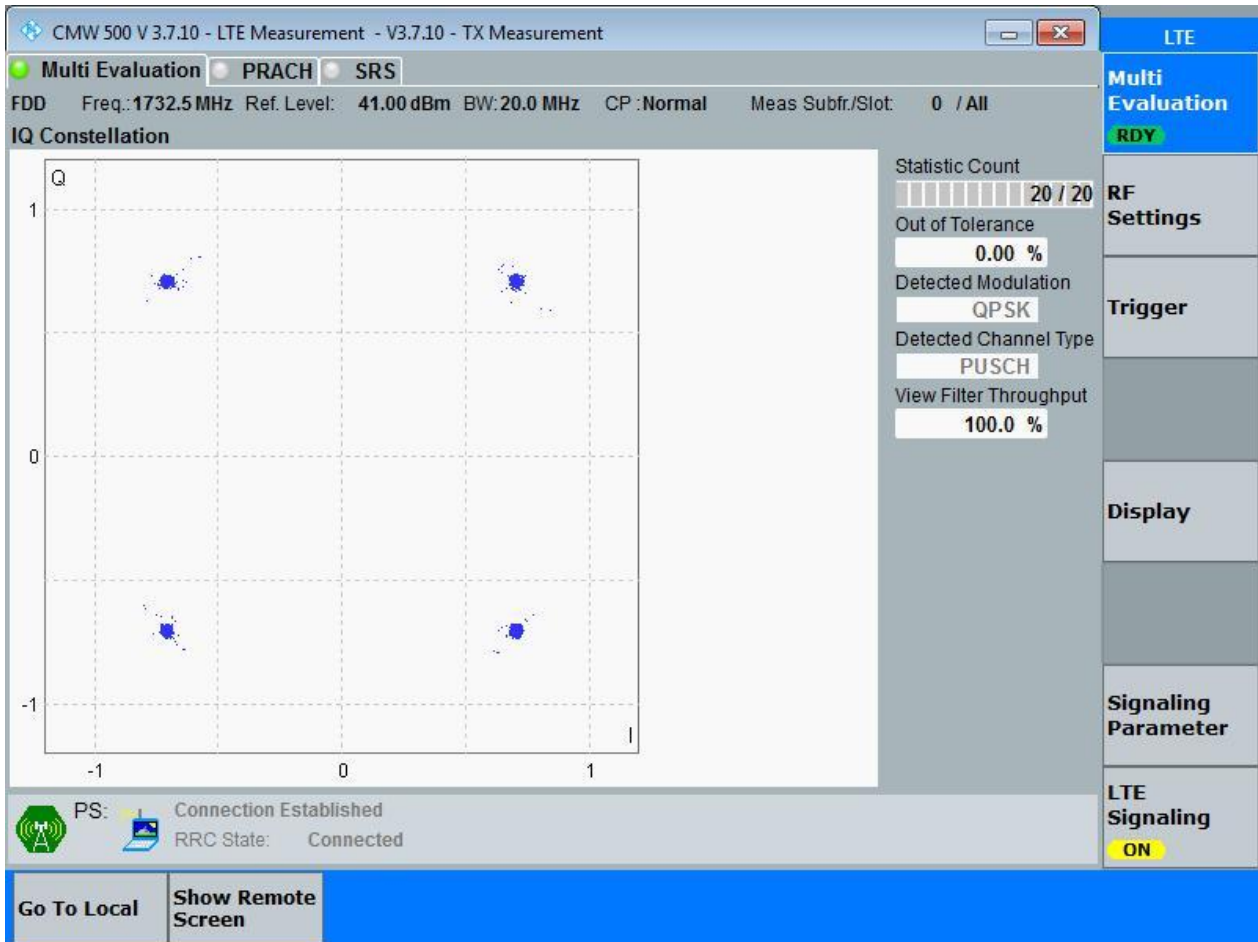
3.1.1.1.5.1.1 Test RB = RB75#0



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

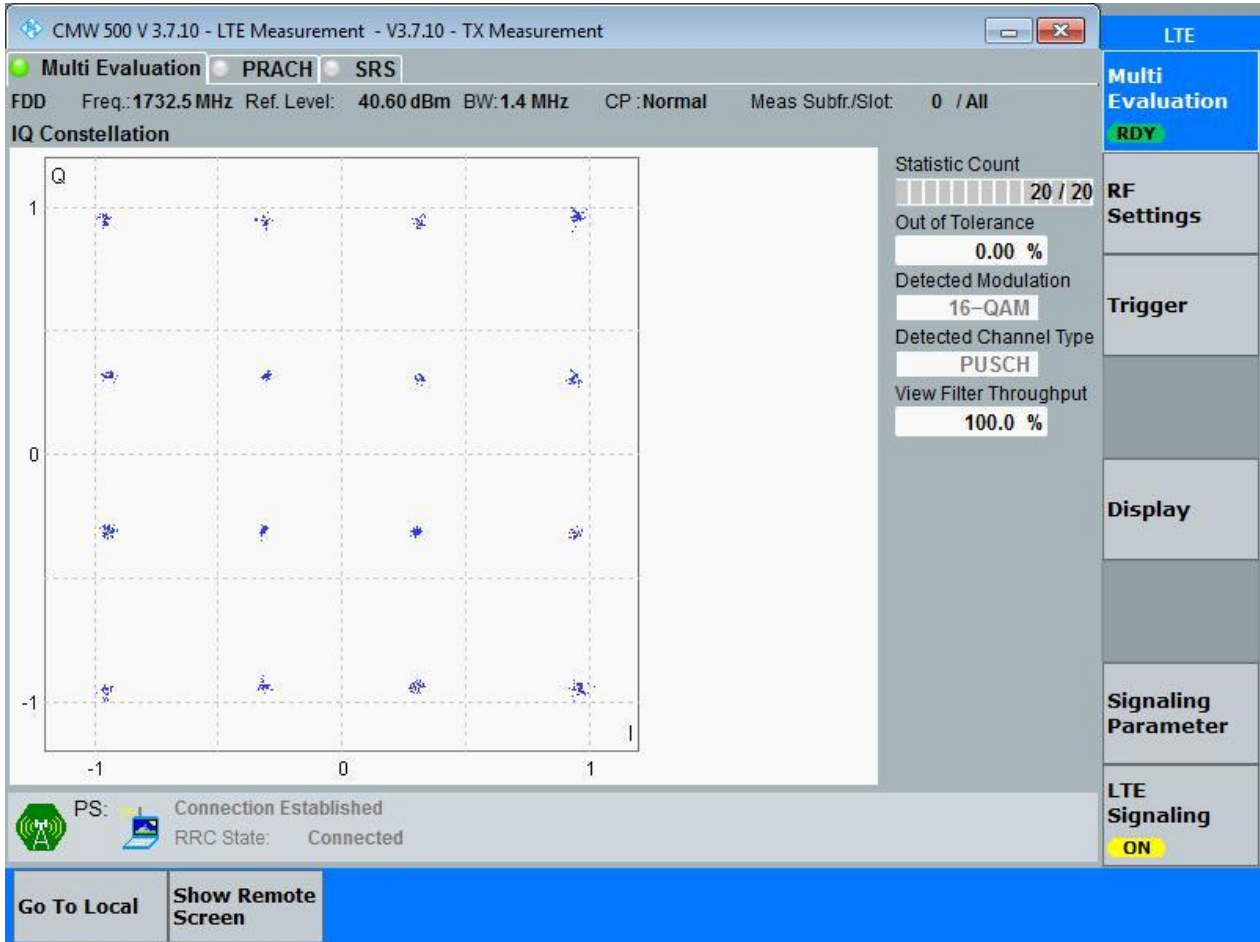


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

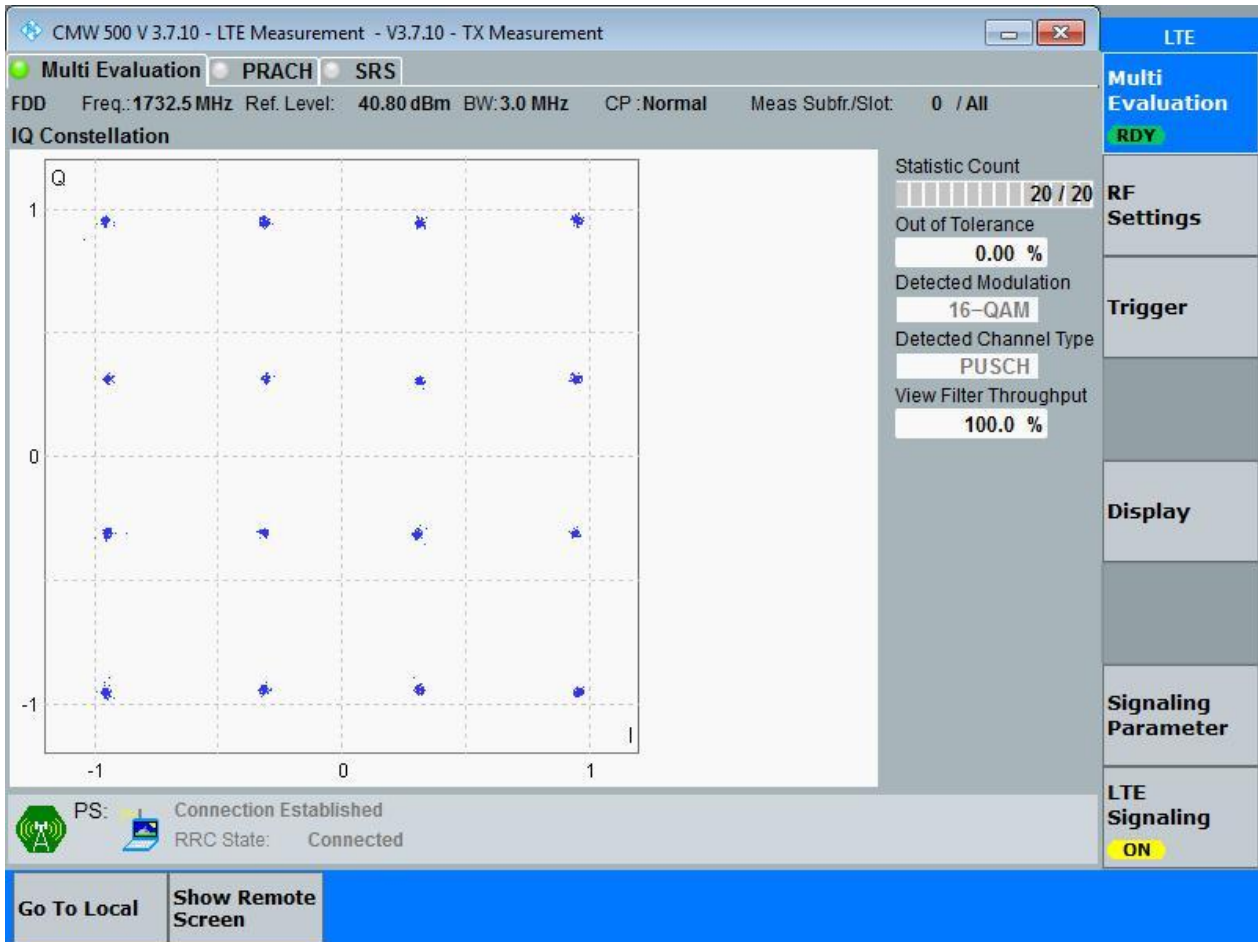
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

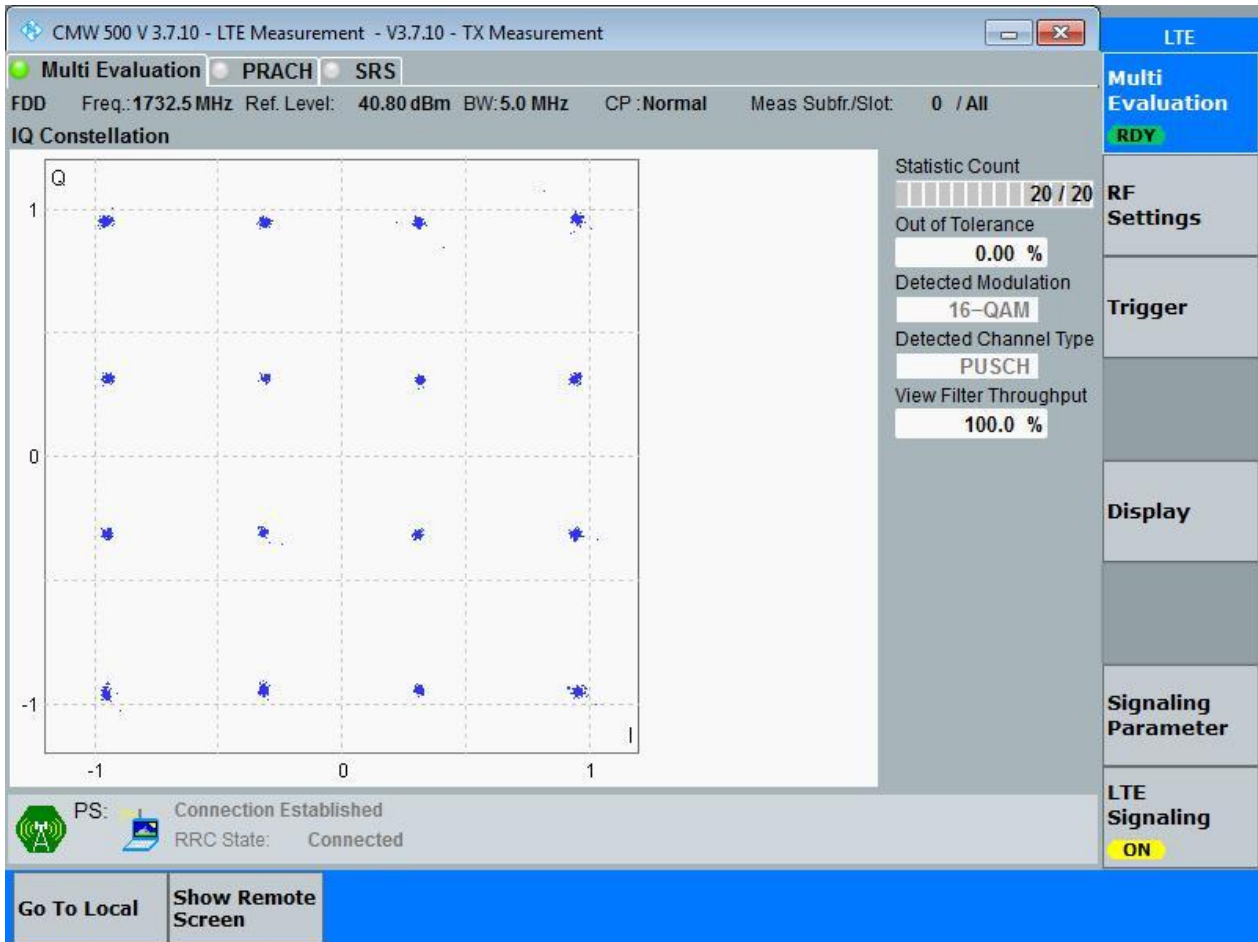
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

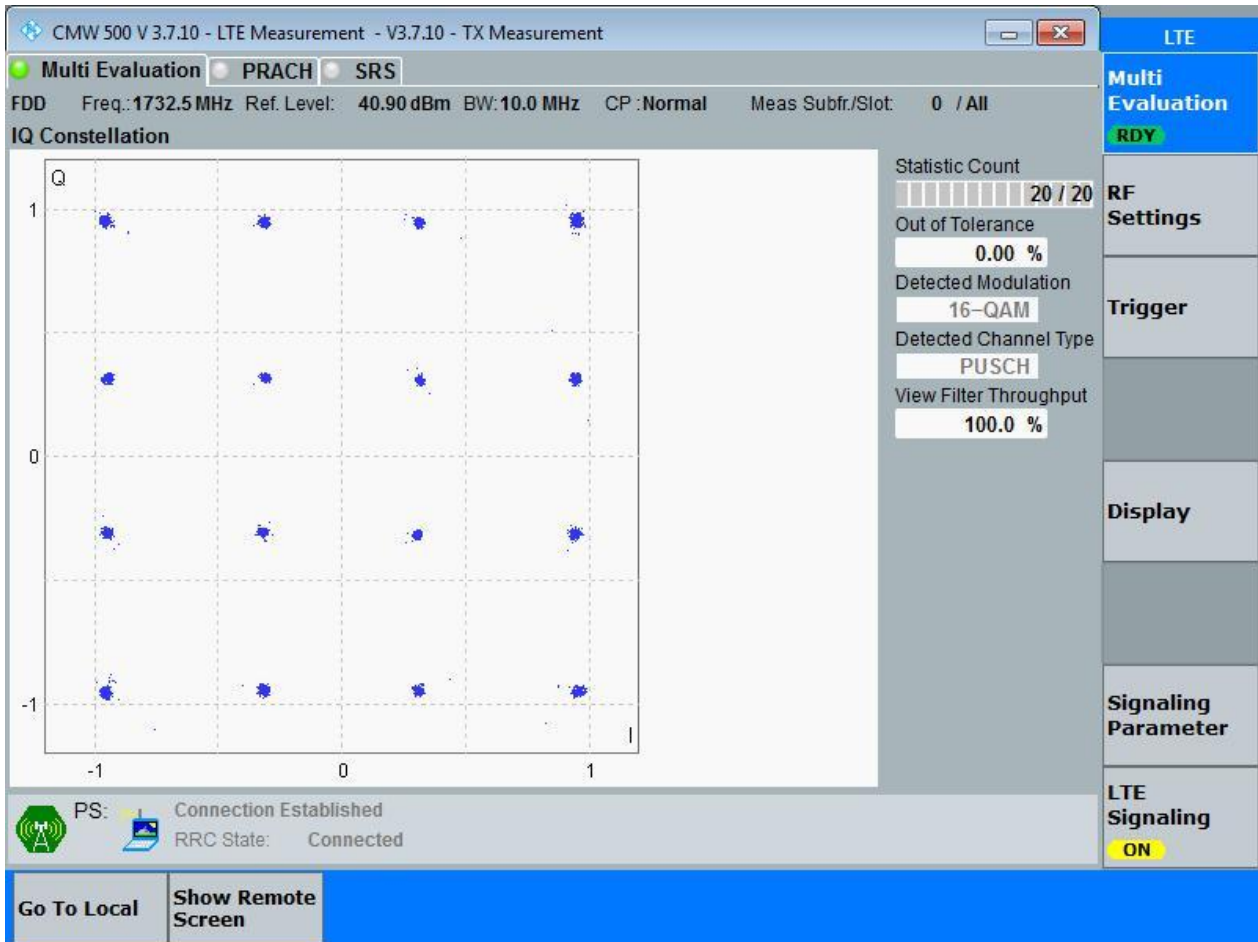
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

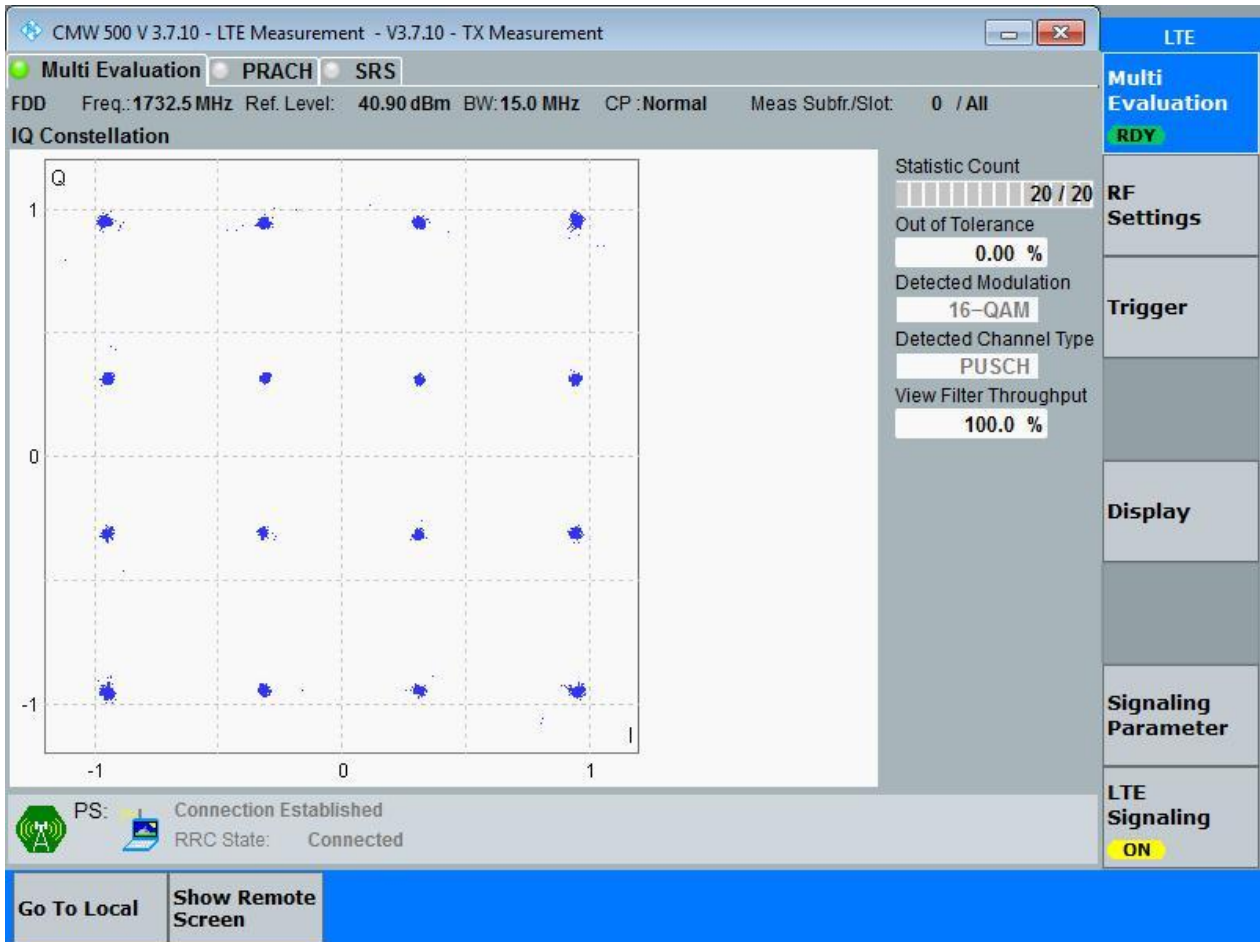
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

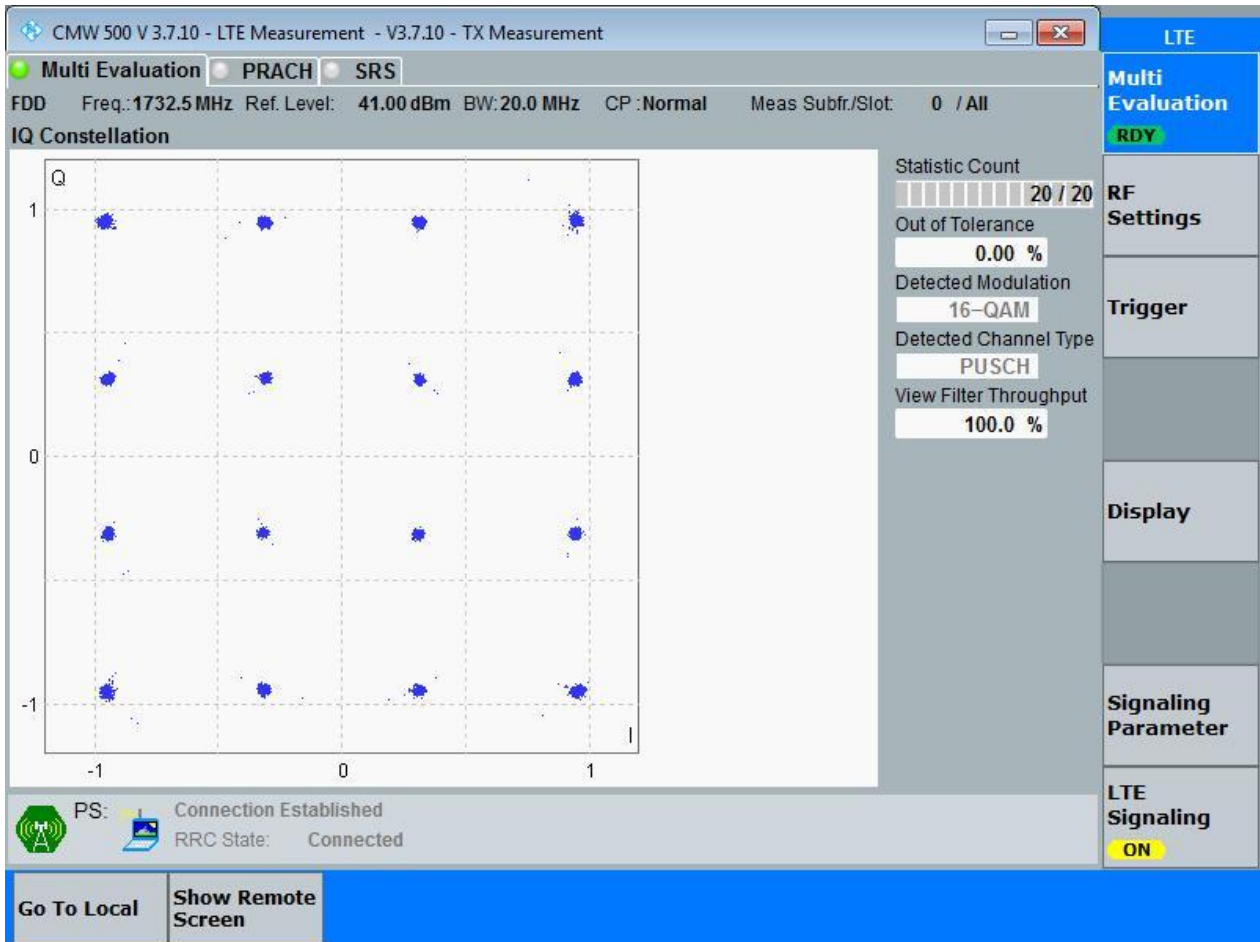
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.95	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.71	2.93	Pass
		5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.49	4.88	Pass
		10	LCH	RB50#0	9.01	9.57	Pass
			MCH	RB50#0	8.99	9.69	Pass
			HCH	RB50#0	8.98	9.64	Pass
		15	LCH	RB75#0	13.49	14.35	Pass
			MCH	RB75#0	13.51	14.41	Pass
			HCH	RB75#0	13.47	14.34	Pass
		20	LCH	RB100#0	17.99	19.06	Pass
			MCH	RB100#0	18.02	19.13	Pass
			HCH	RB100#0	17.94	19.04	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.92	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.71	2.93	Pass
		5	LCH	RB25#0	4.51	4.88	Pass
			MCH	RB25#0	4.51	4.87	Pass
			HCH	RB25#0	4.51	4.89	Pass
10		LCH	RB50#0	8.99	9.62	Pass	
		MCH	RB50#0	8.99	9.63	Pass	
		HCH	RB50#0	8.99	9.58	Pass	
15		LCH	RB75#0	13.48	14.42	Pass	
		MCH	RB75#0	13.50	14.47	Pass	
		HCH	RB75#0	13.46	14.38	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	17.99	19.07	Pass
			MCH	RB100#0	18.02	19.11	Pass
			HCH	RB100#0	17.94	19.00	Pass



Part II - Test Plots

4.1 For LTE

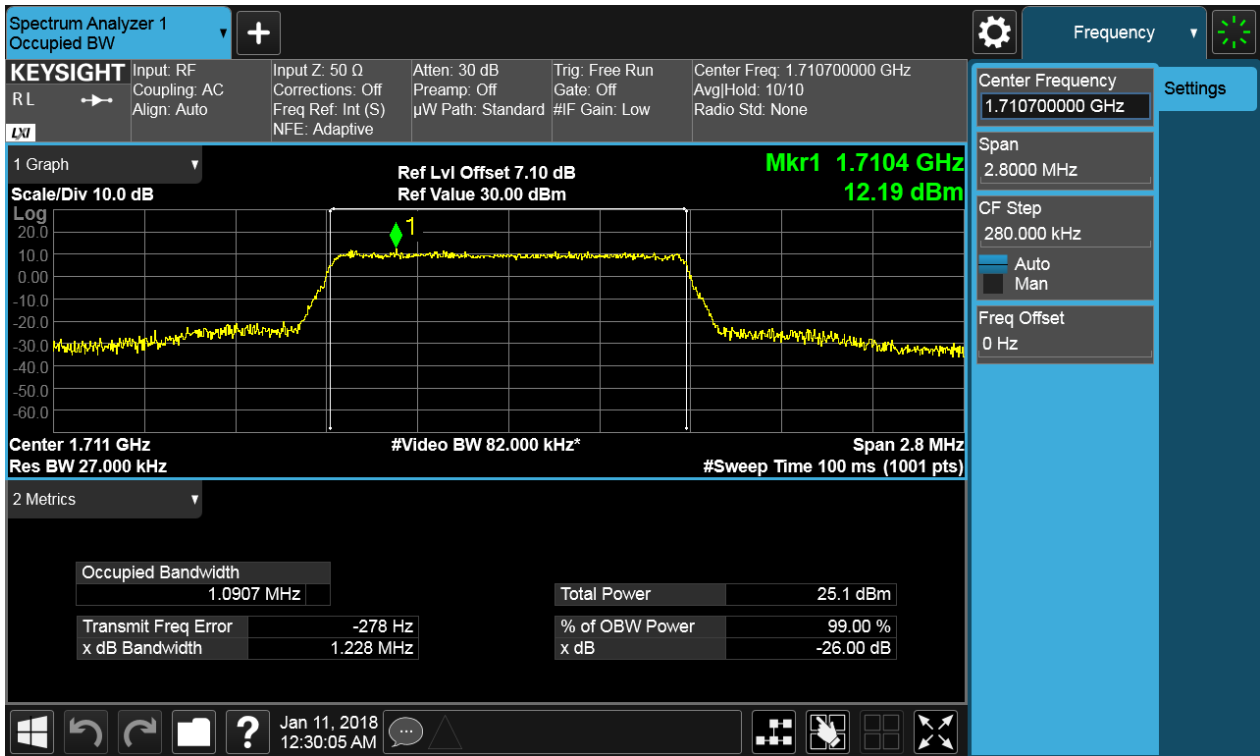
4.1.1 Test Band = BAND4

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

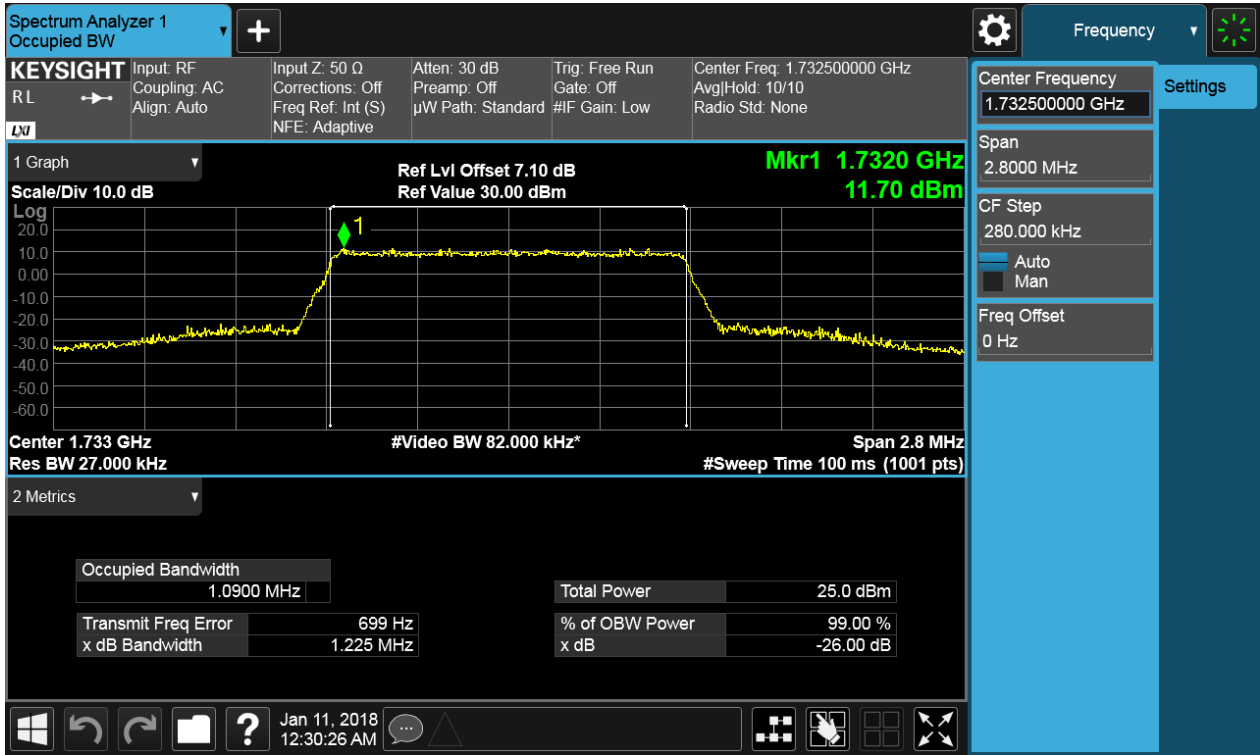
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

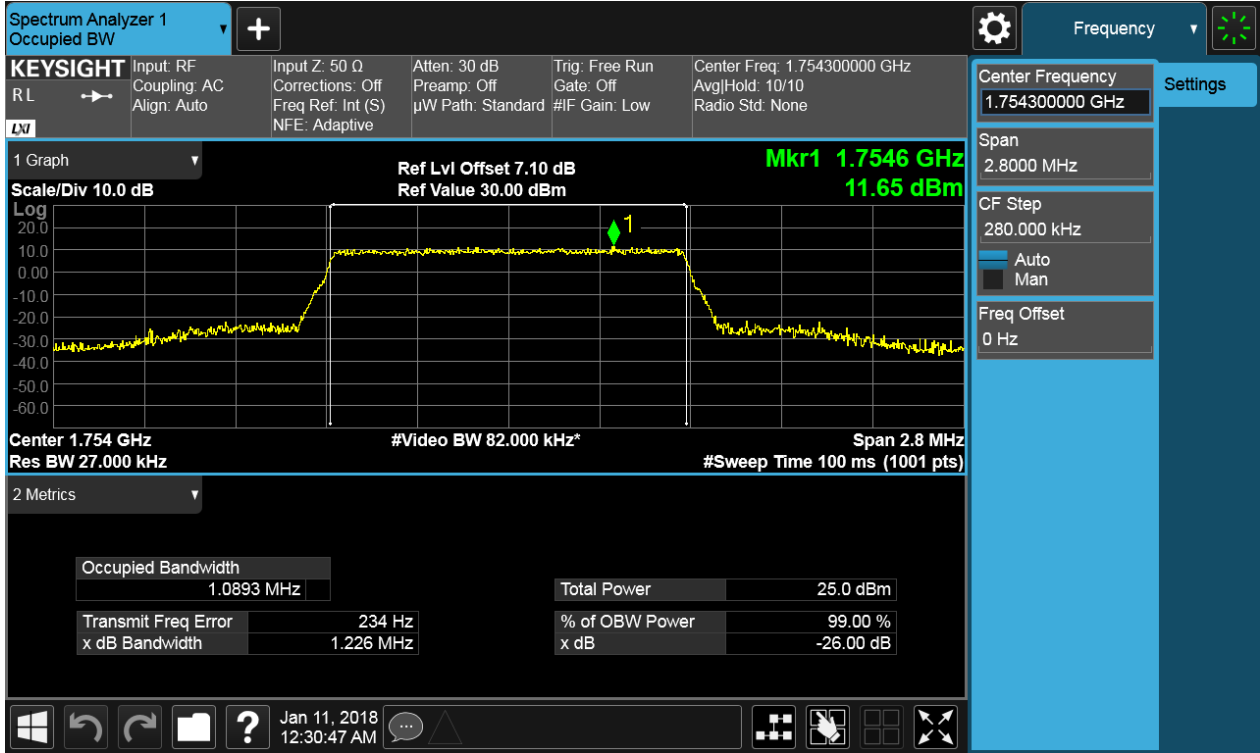
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

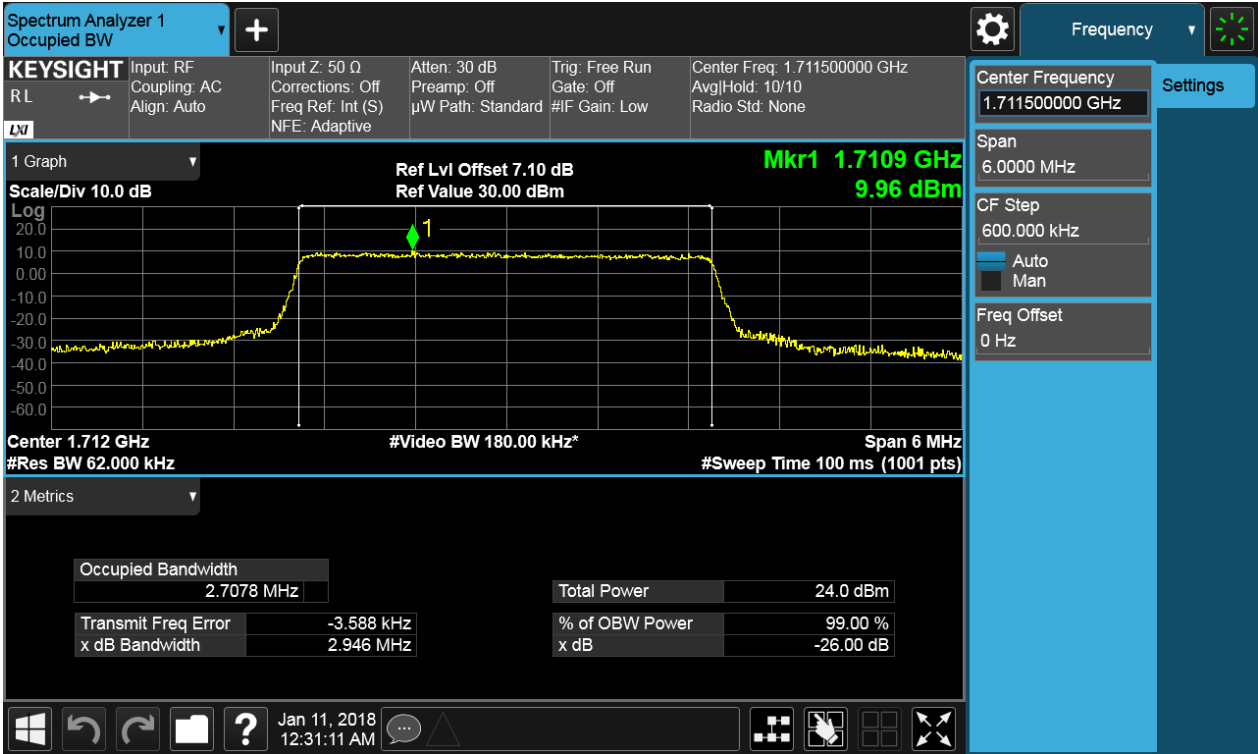




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

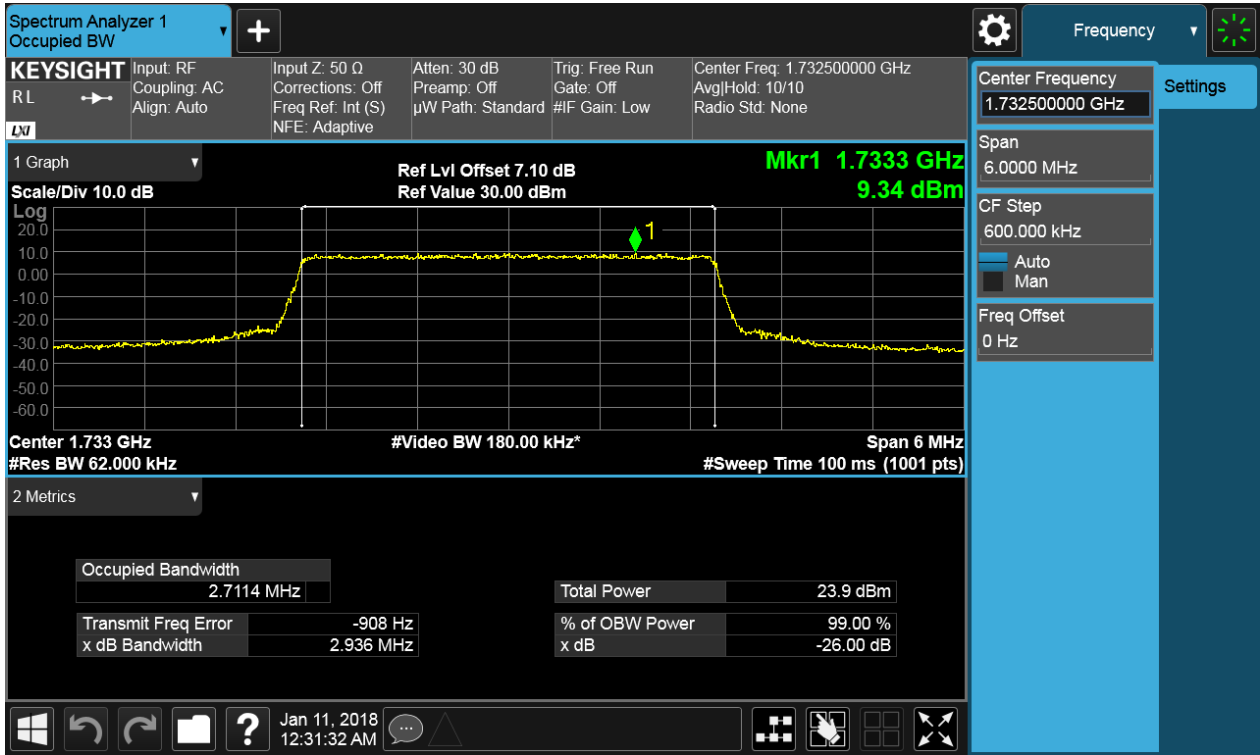
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

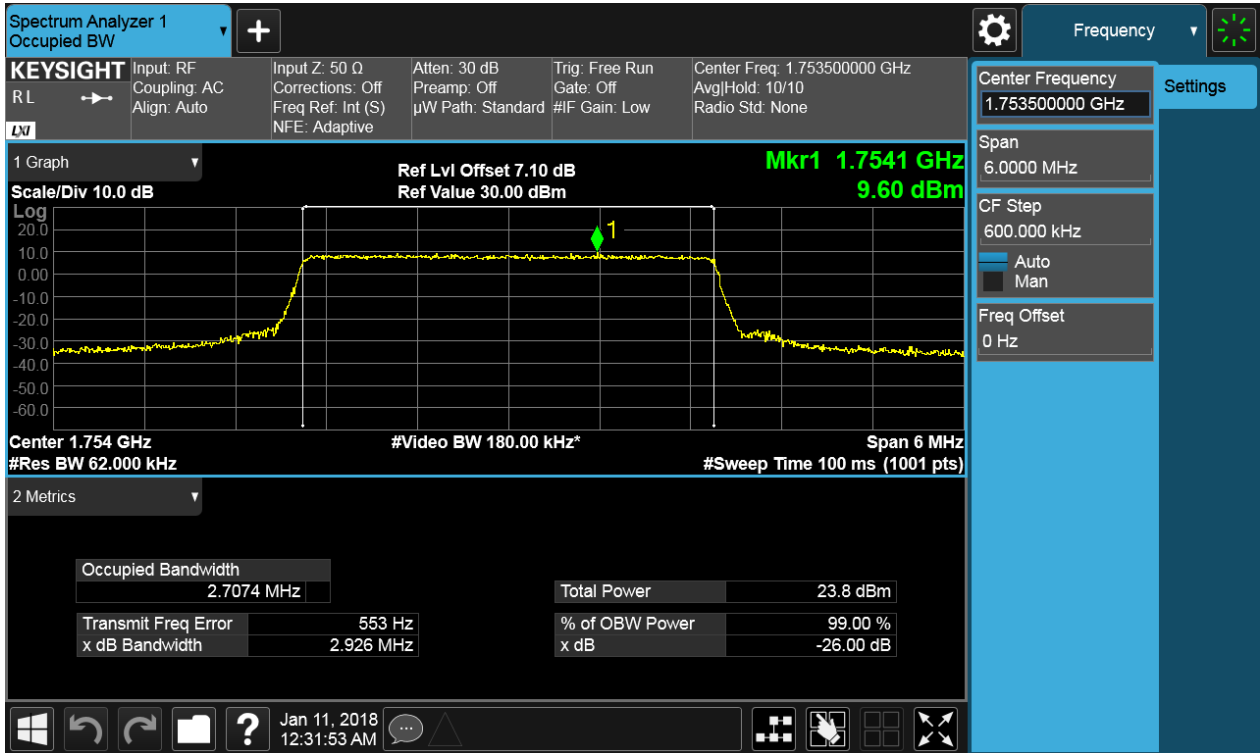
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

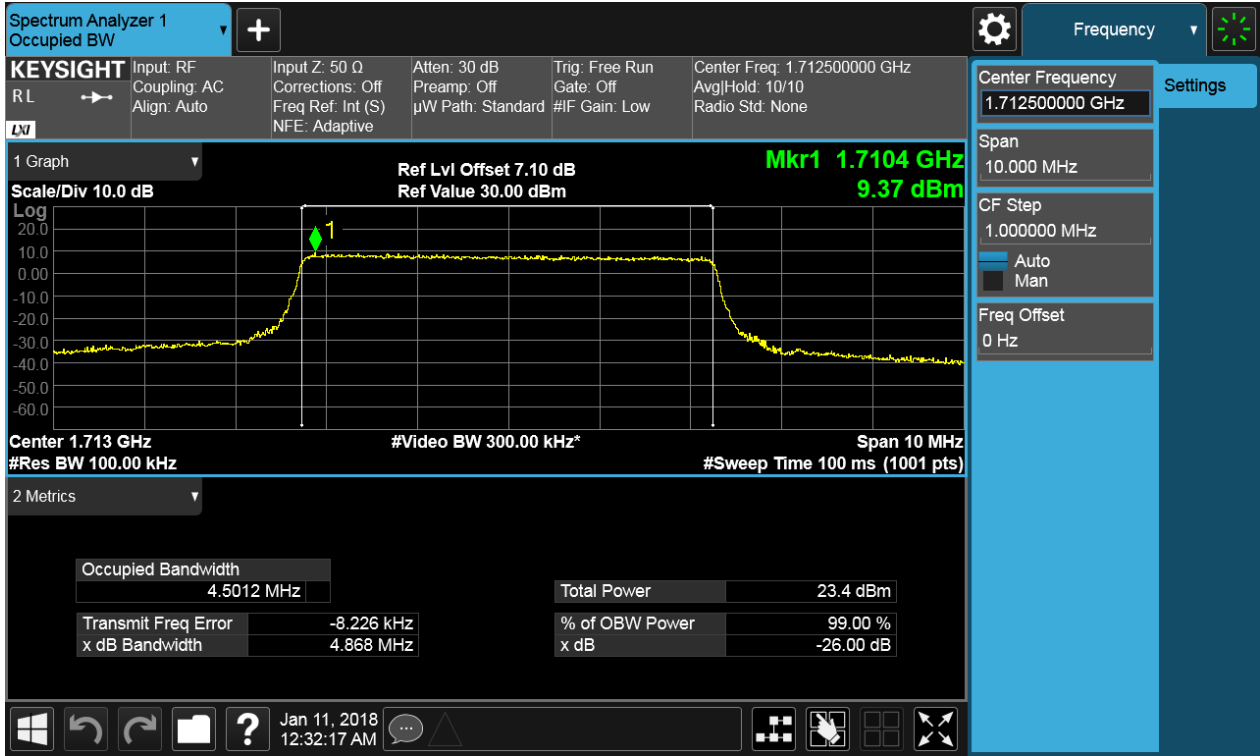




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

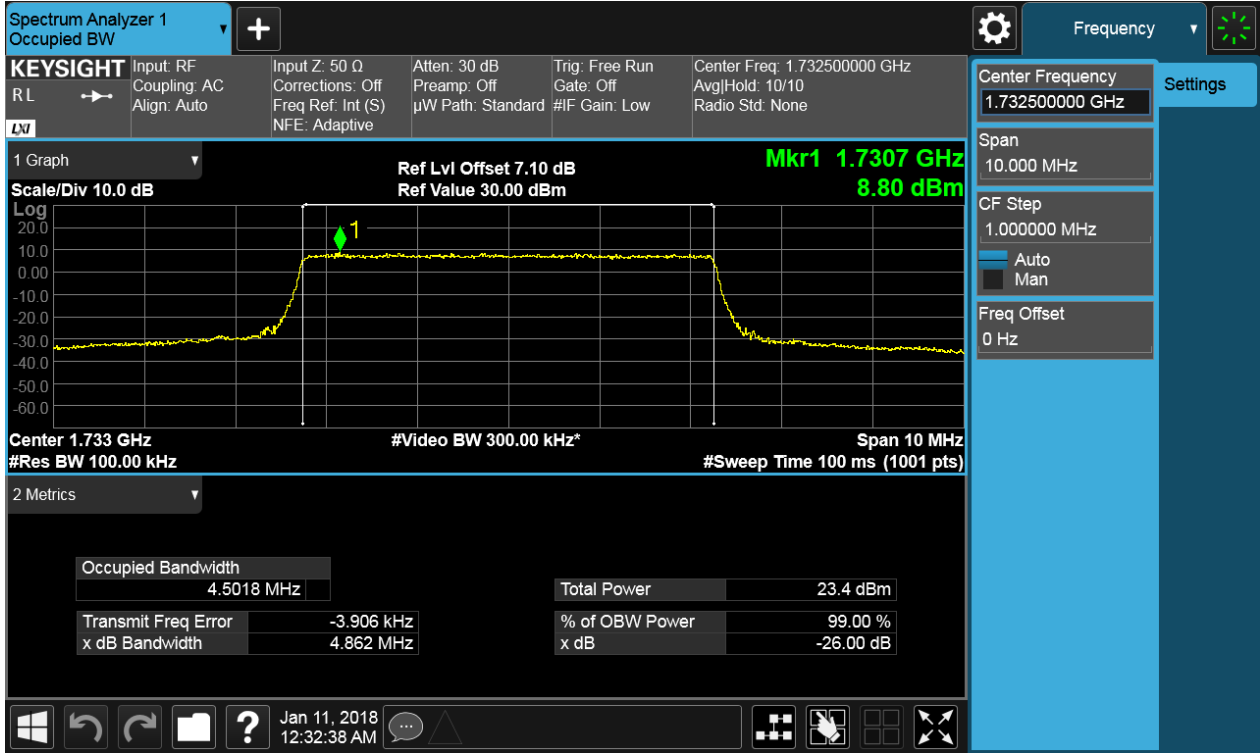
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

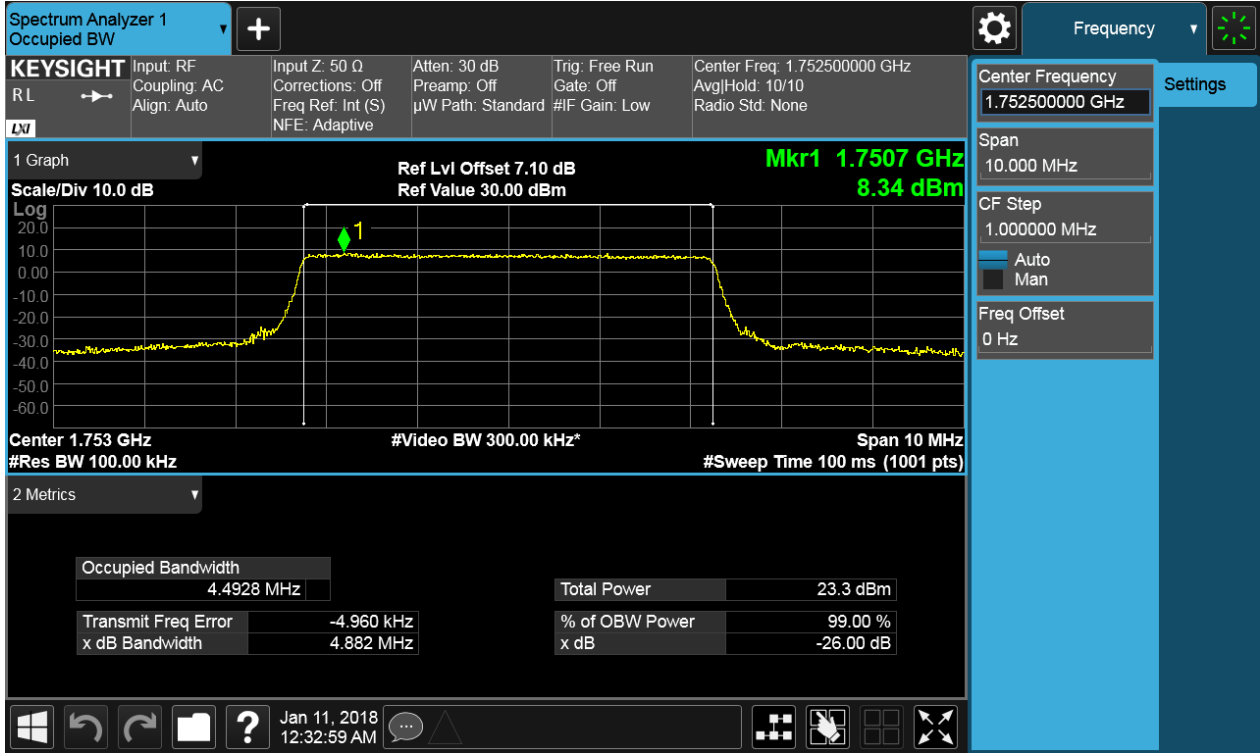
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

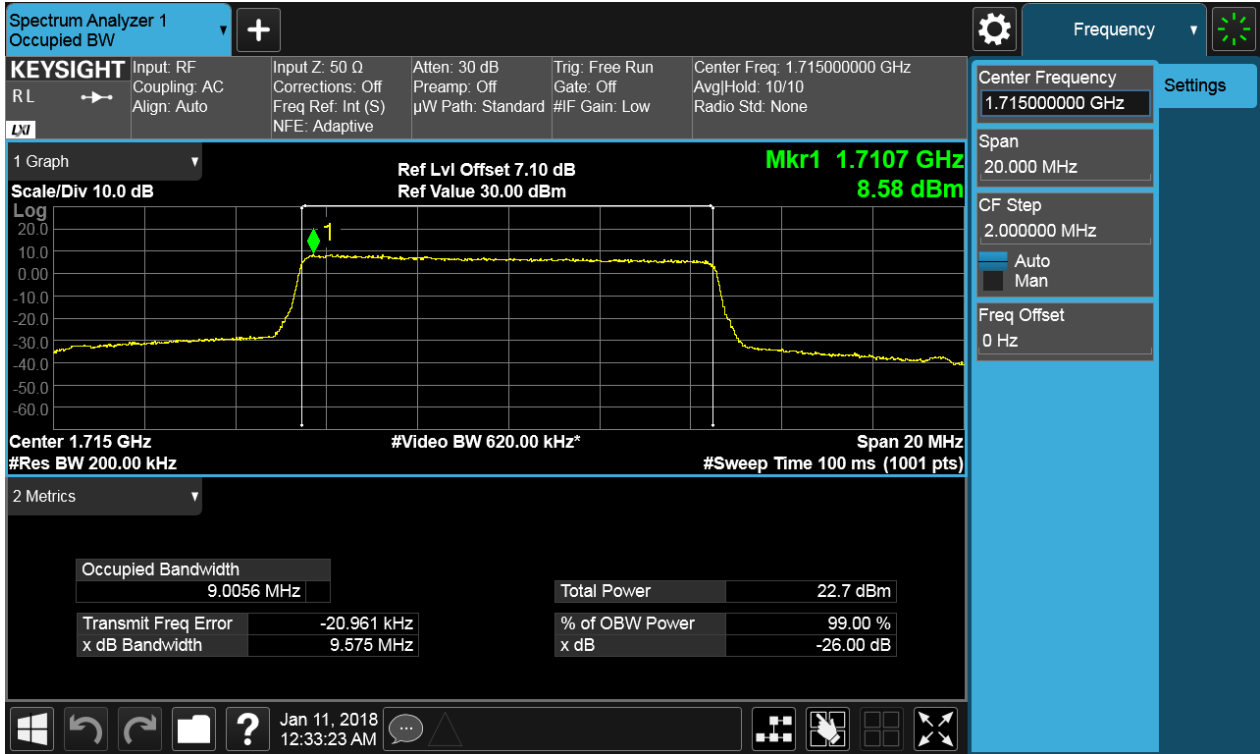




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

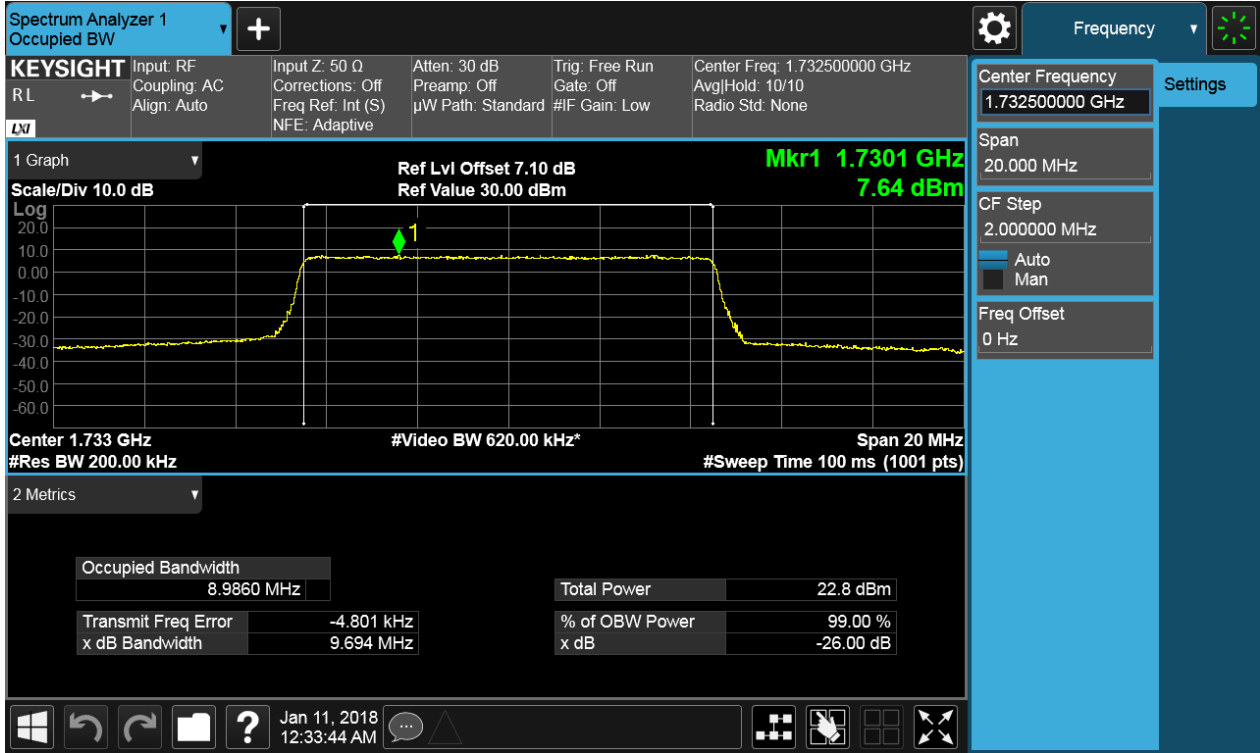
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

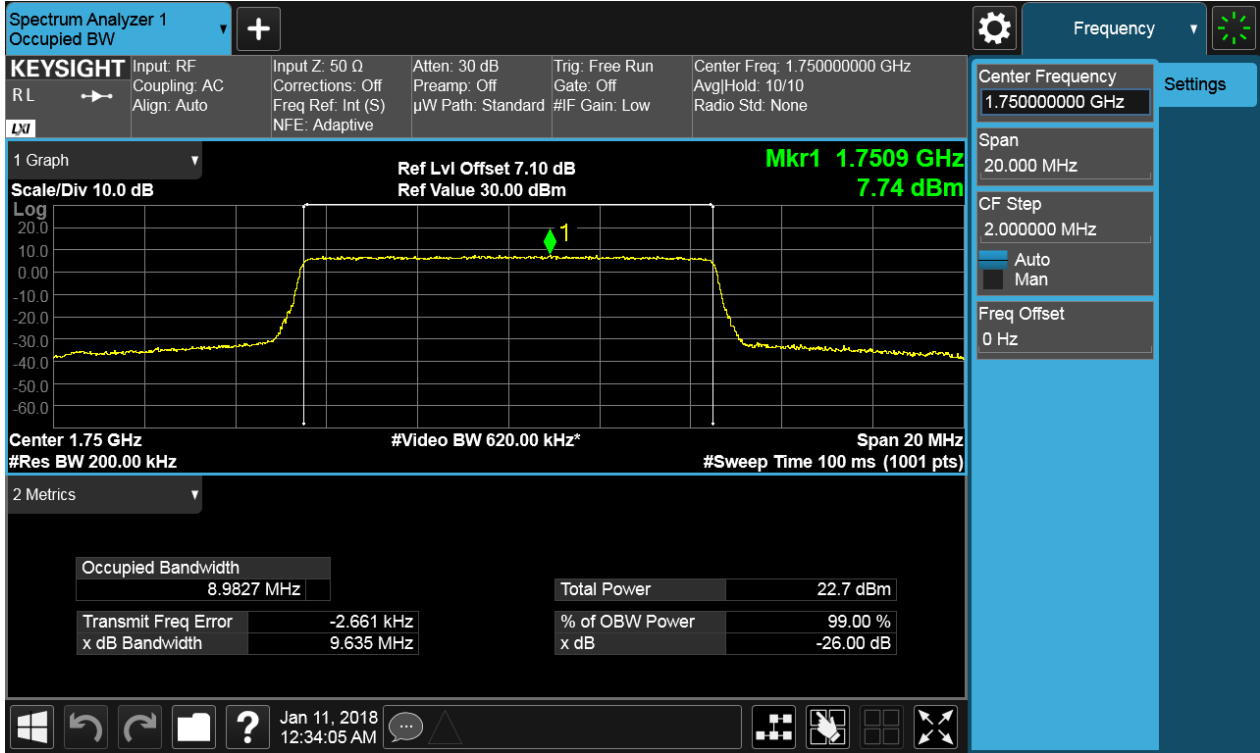
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

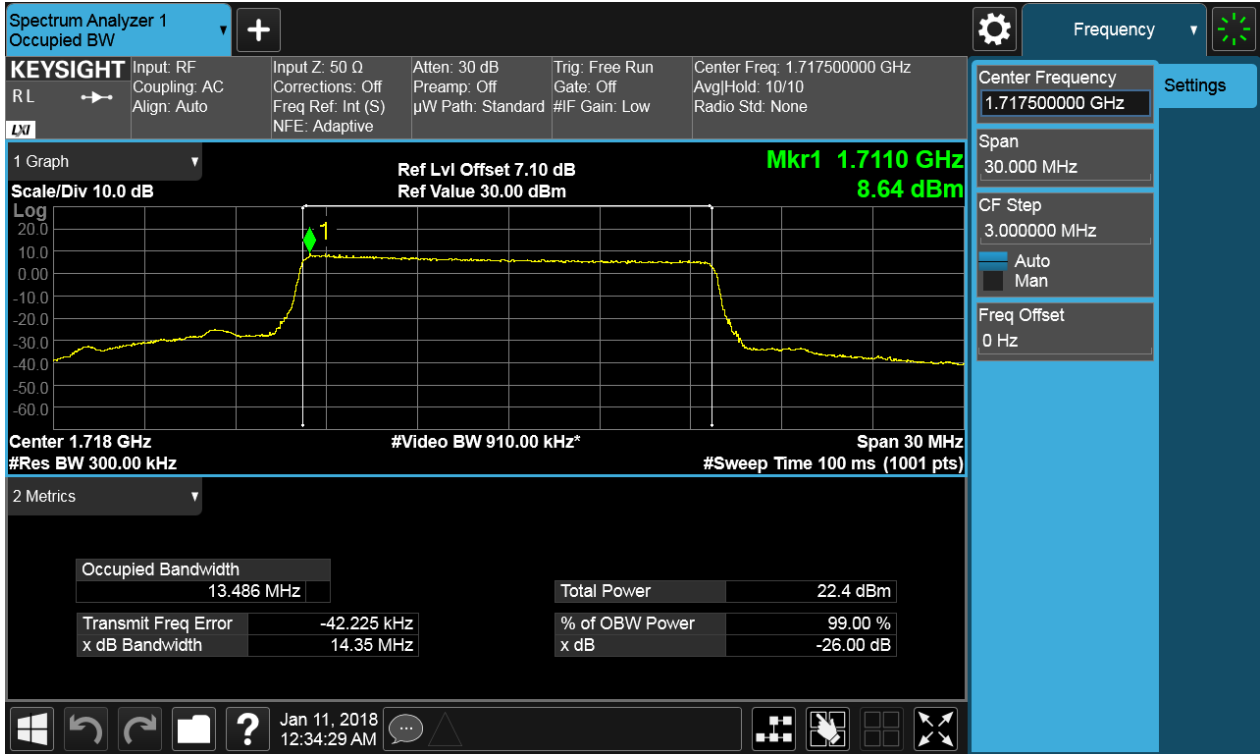




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

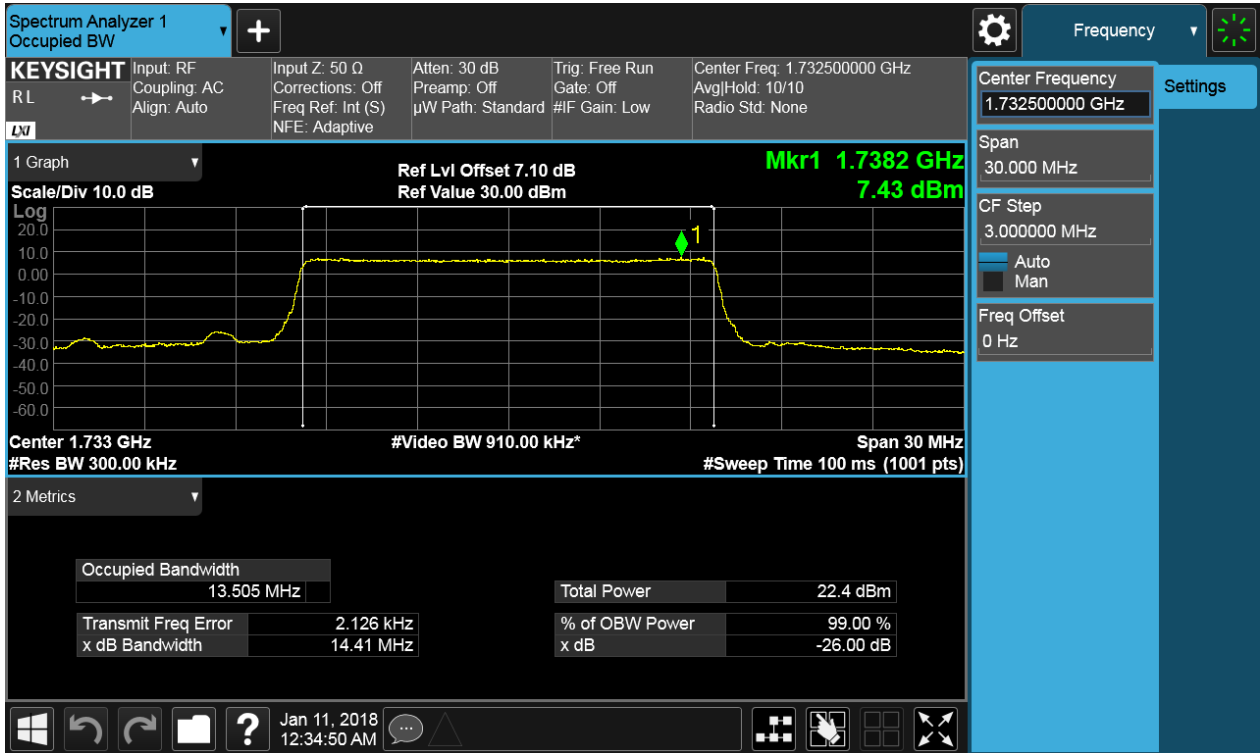
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

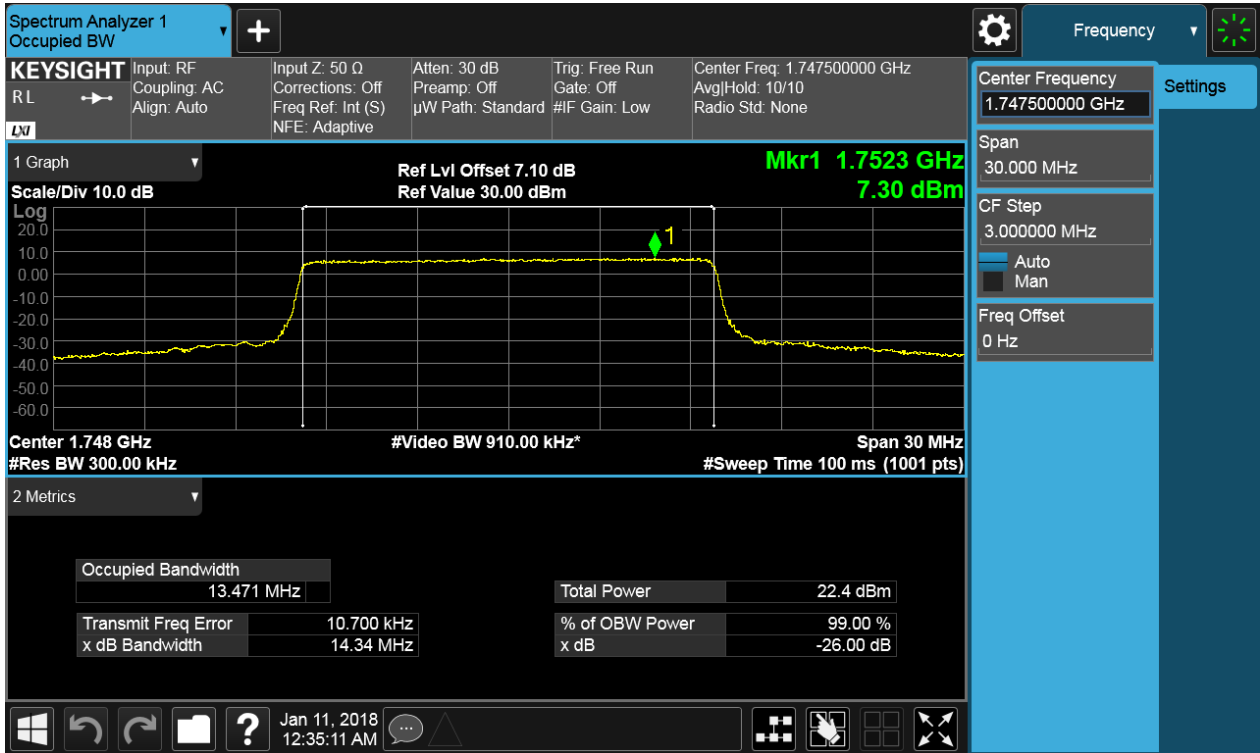
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

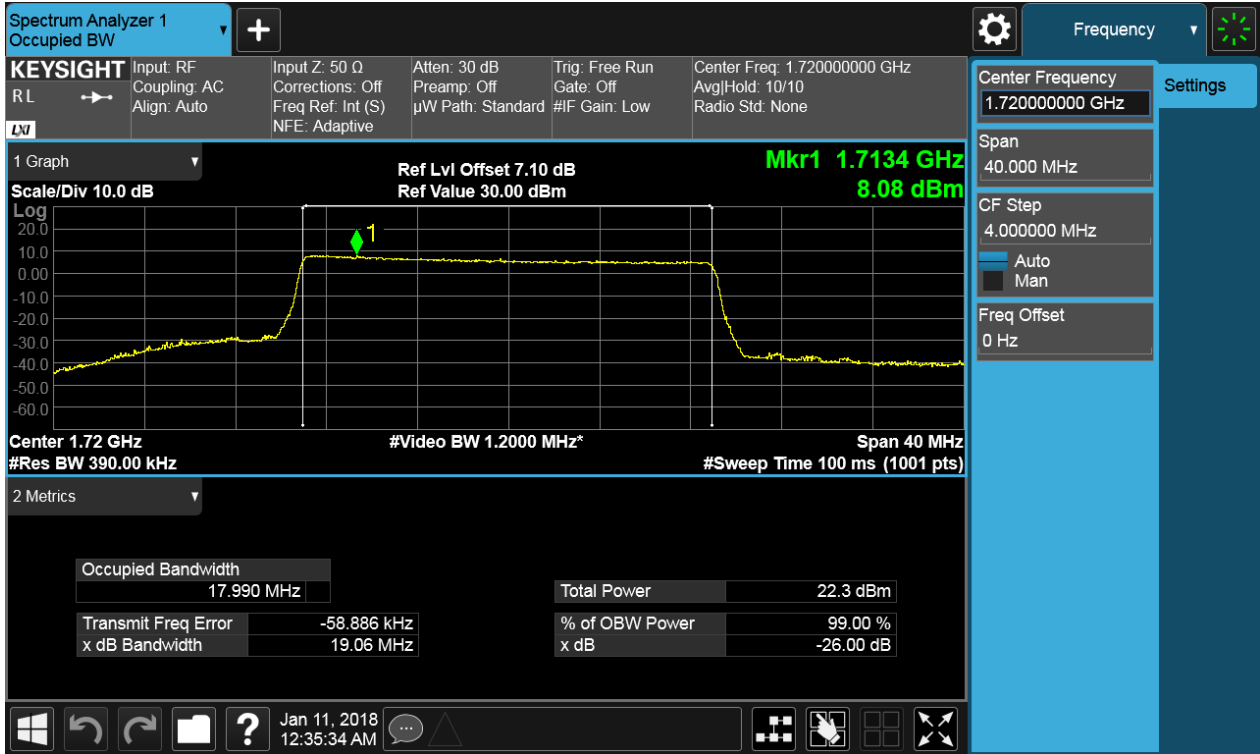




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

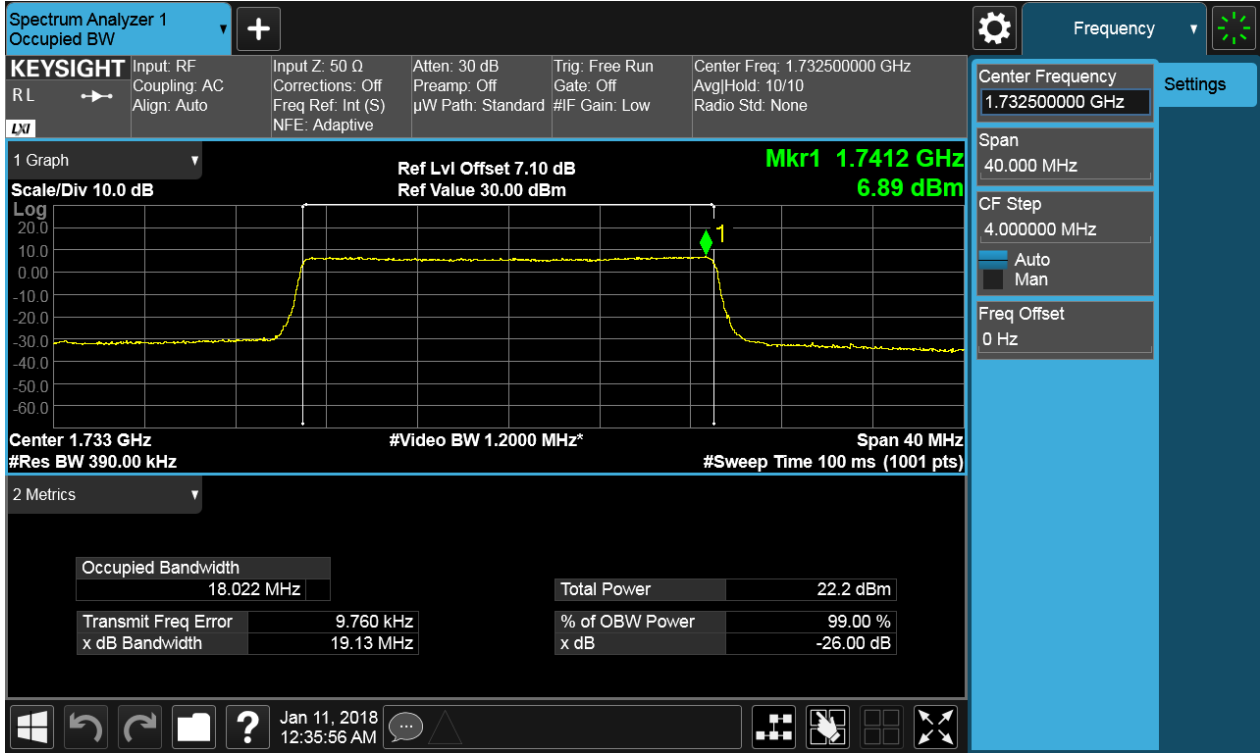
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

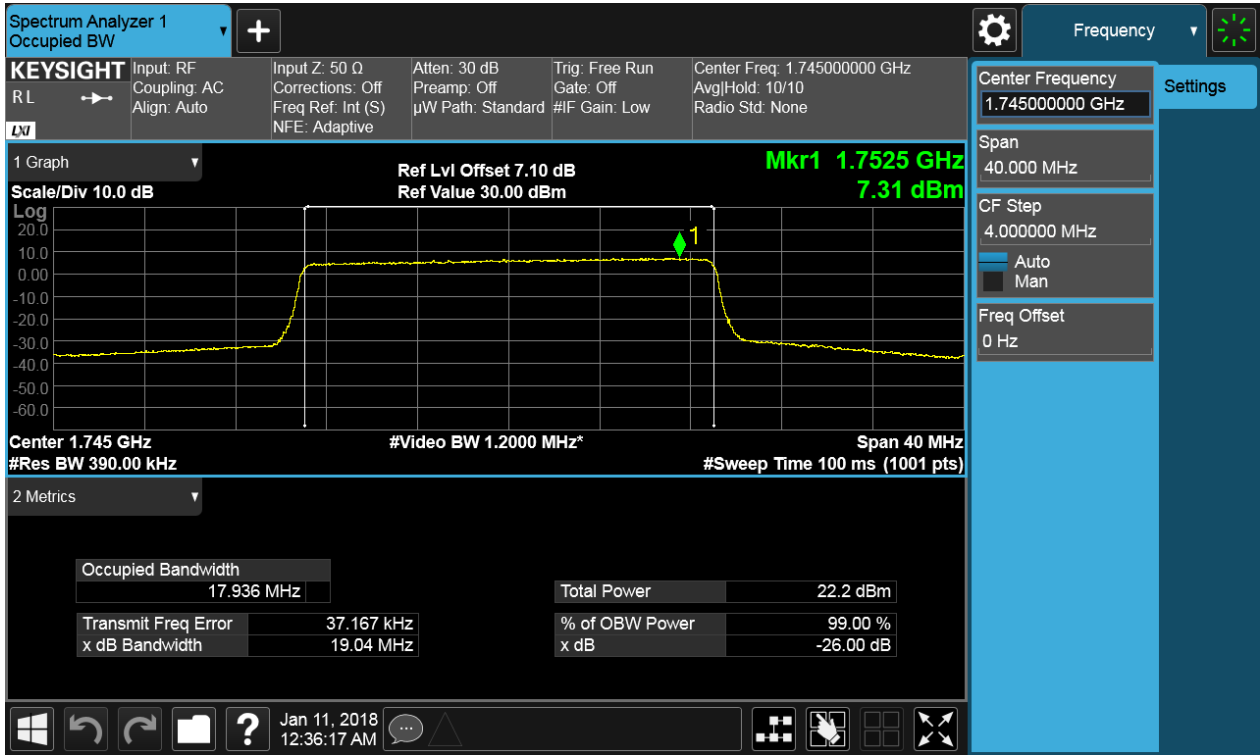
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



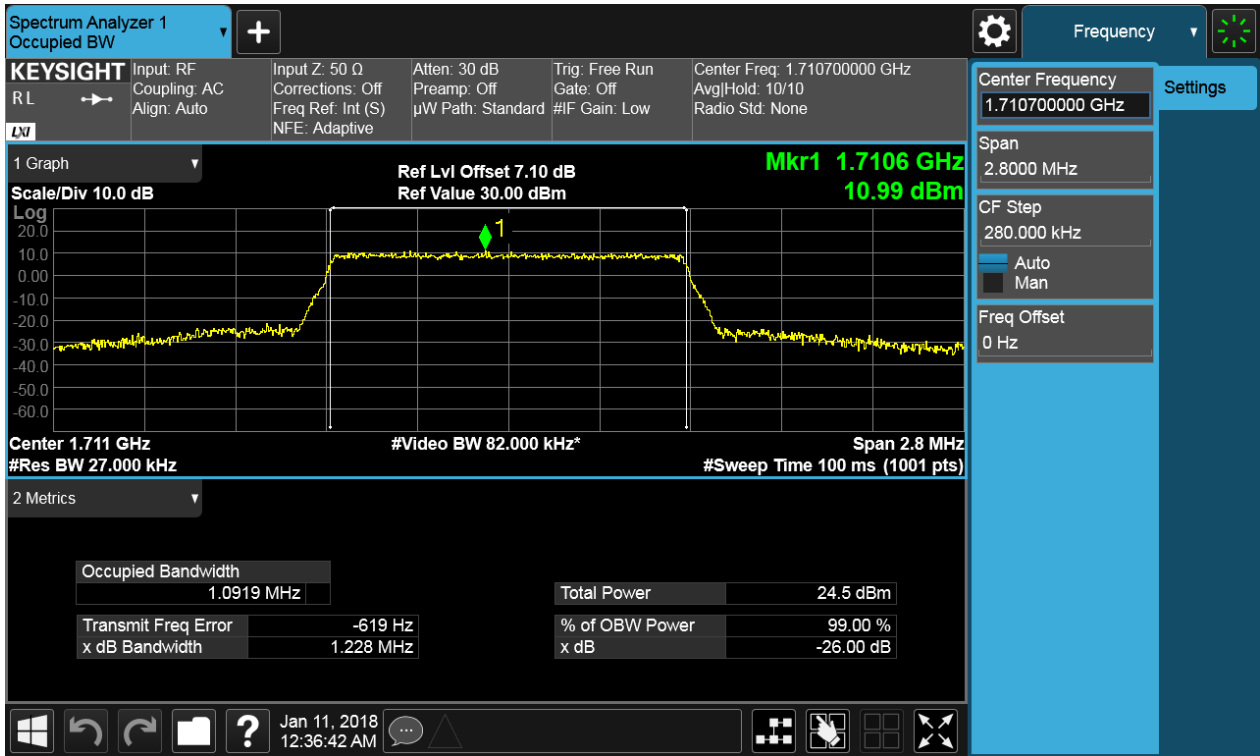


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

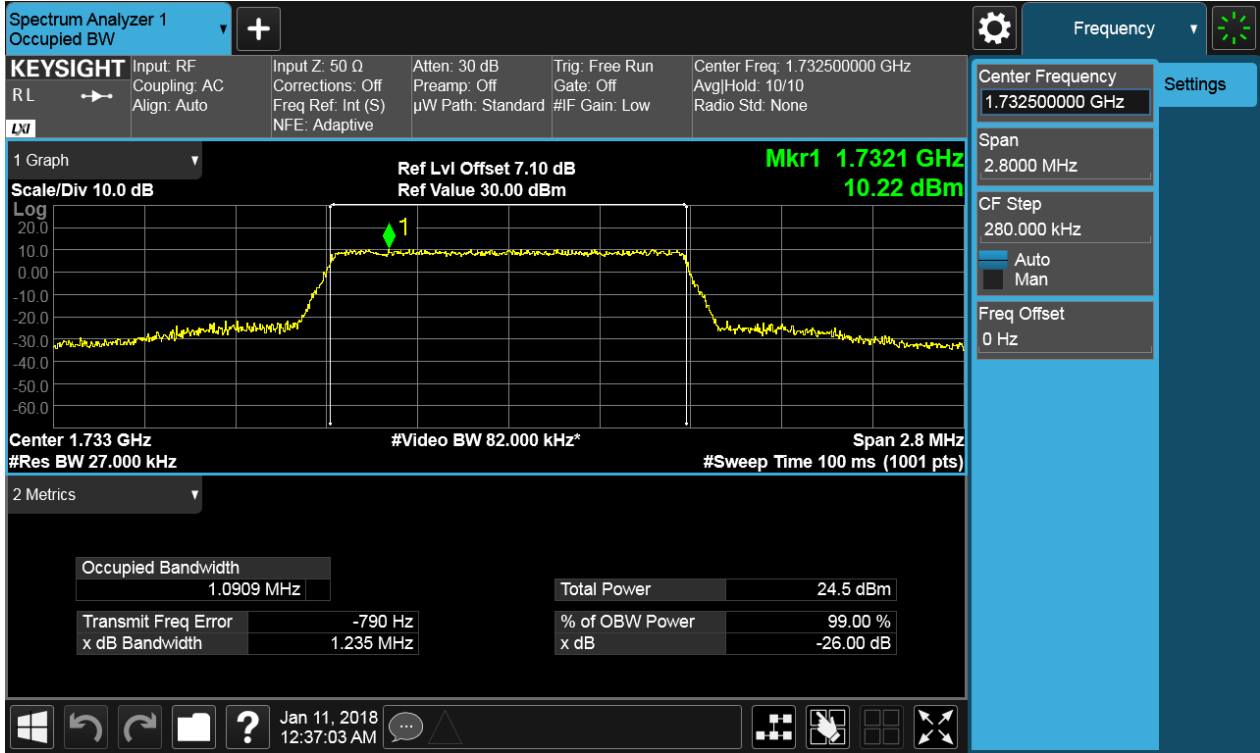
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

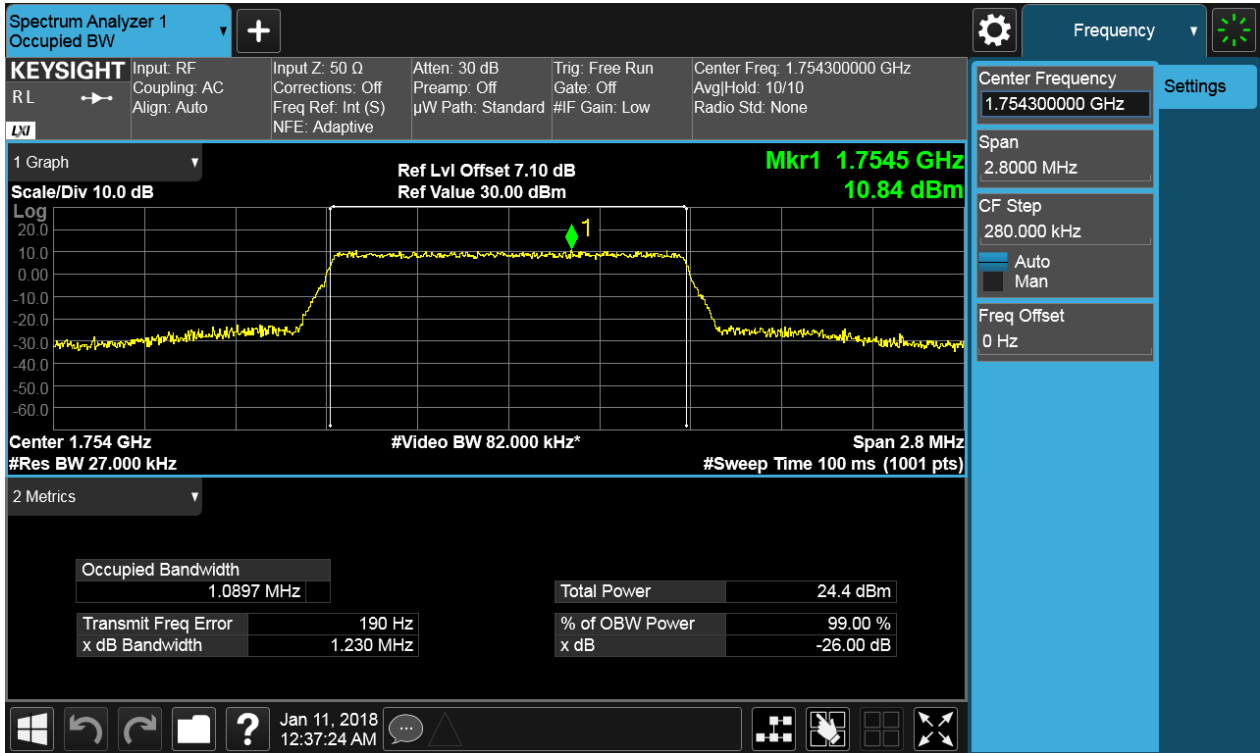
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

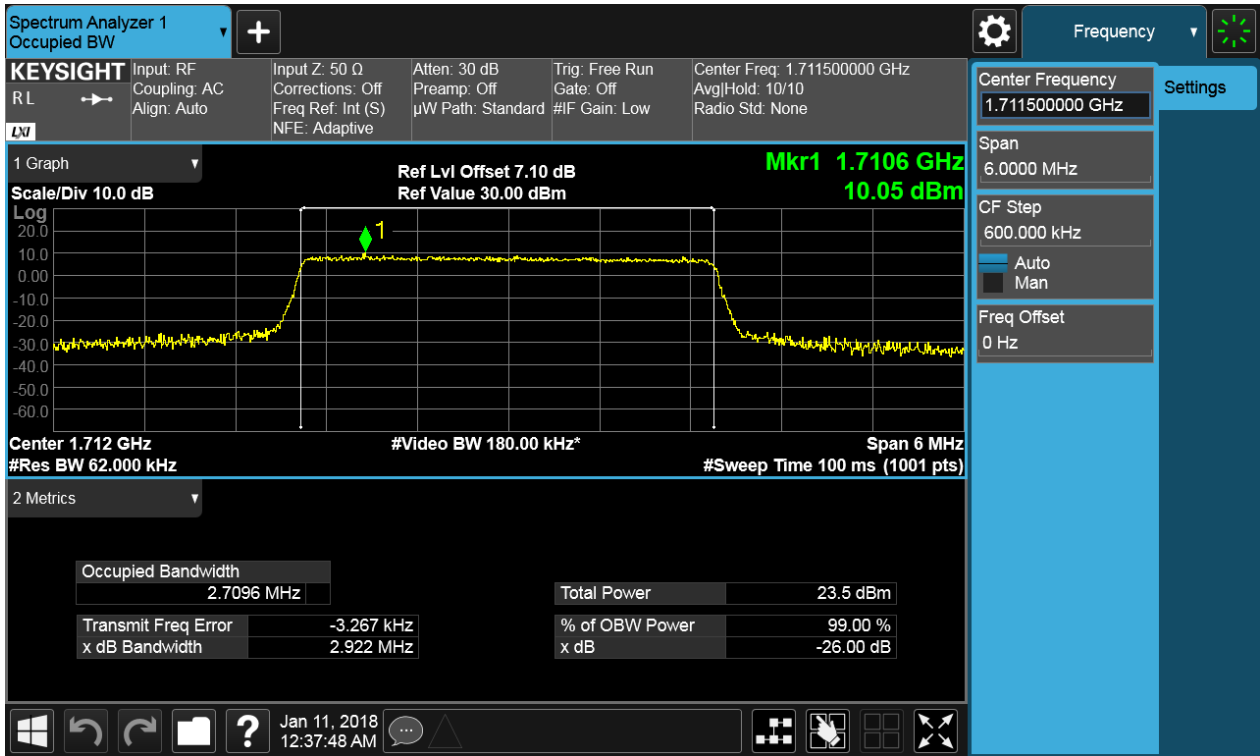




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

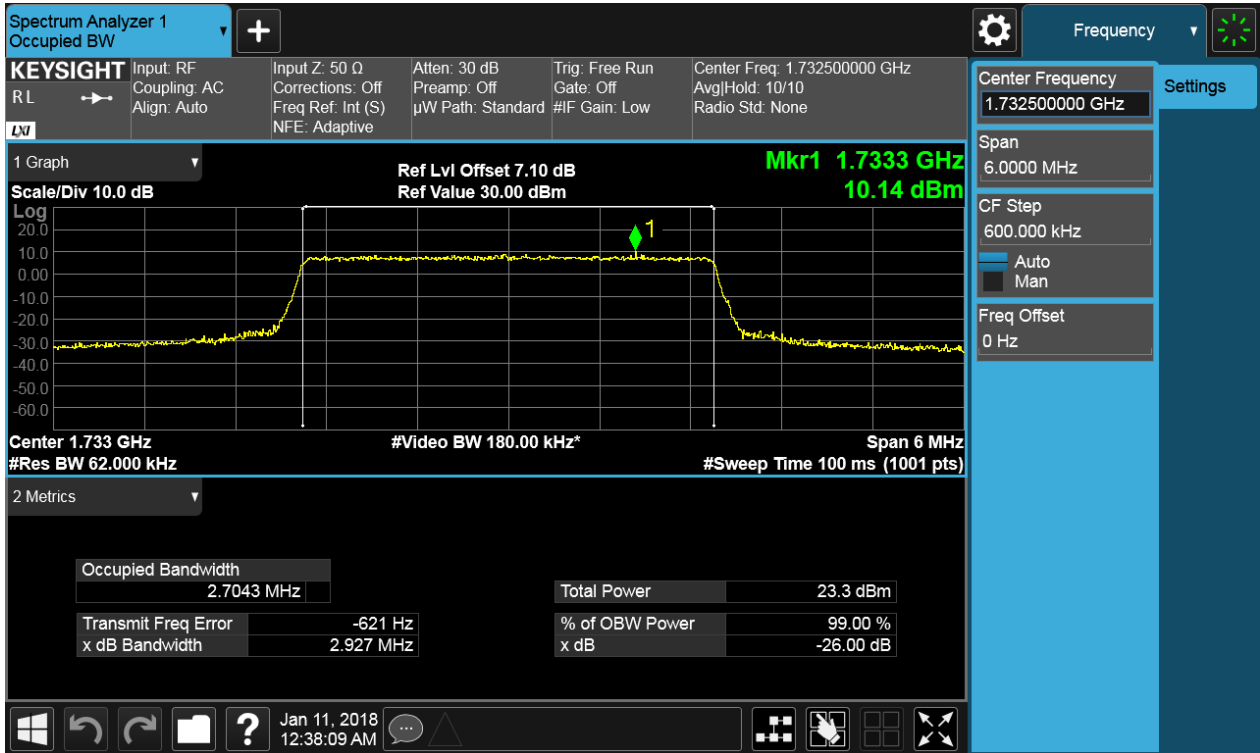
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

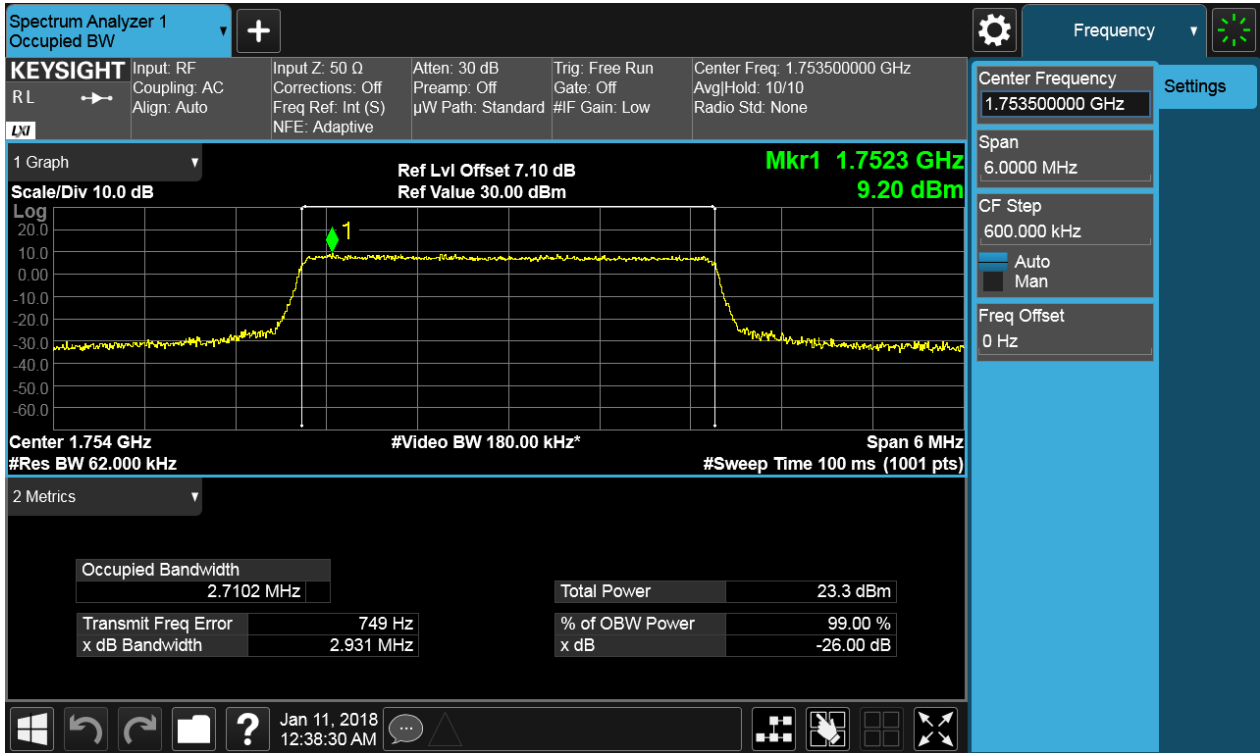
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

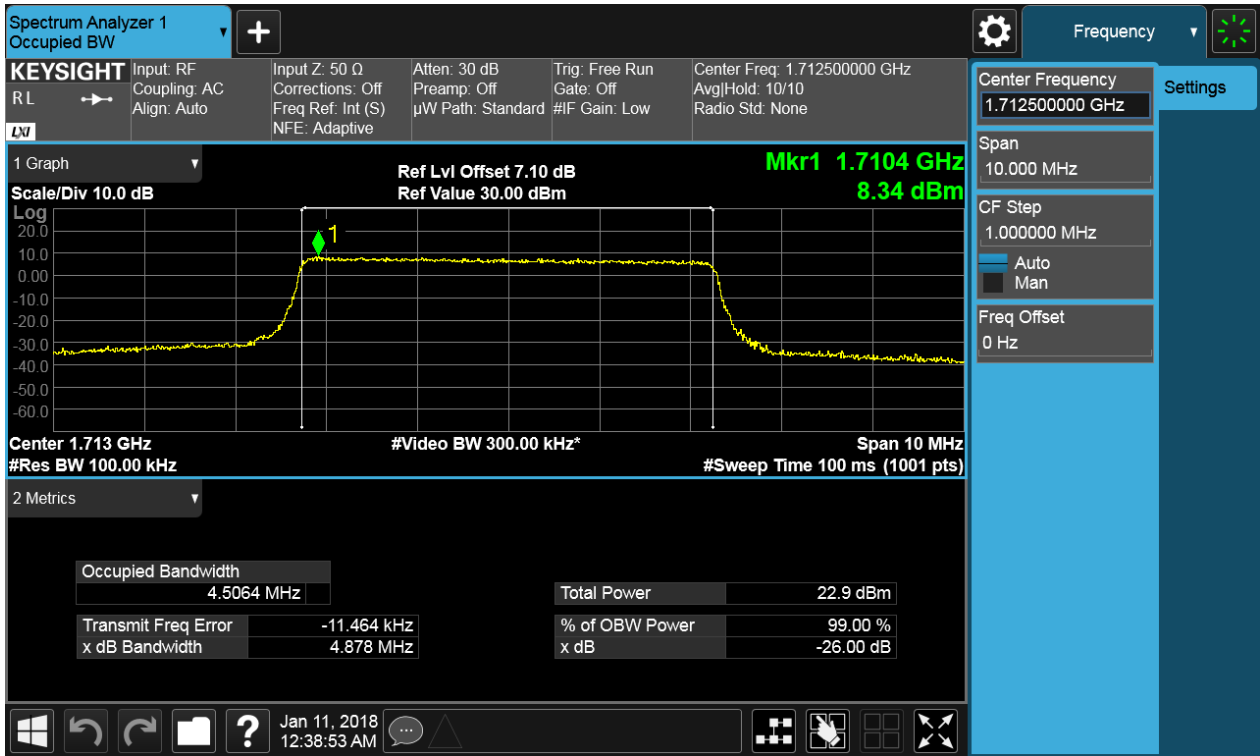




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

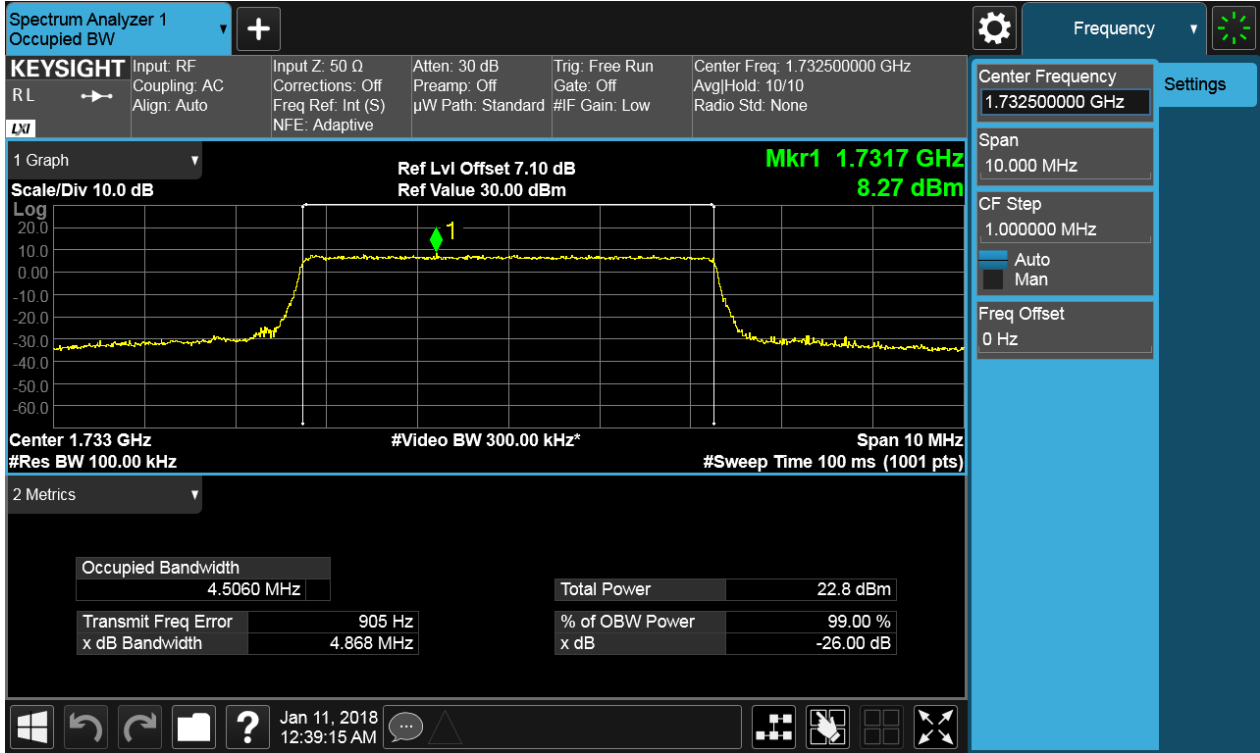
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

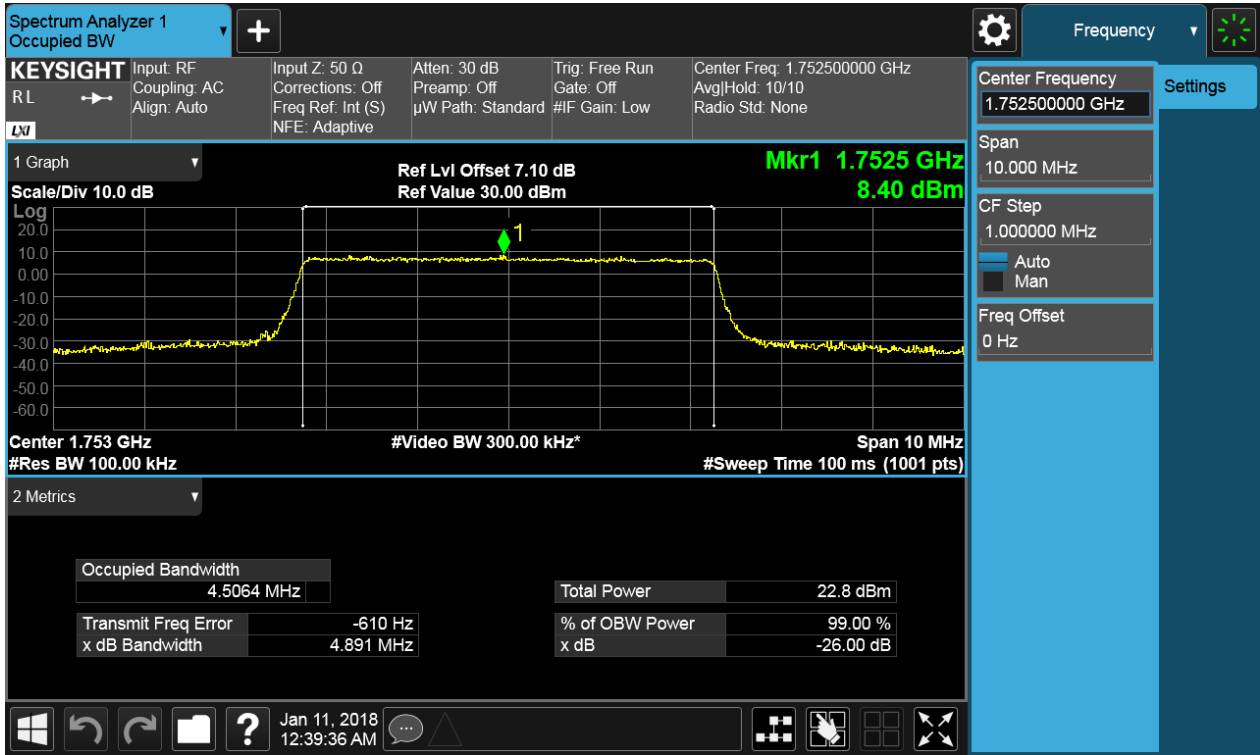
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

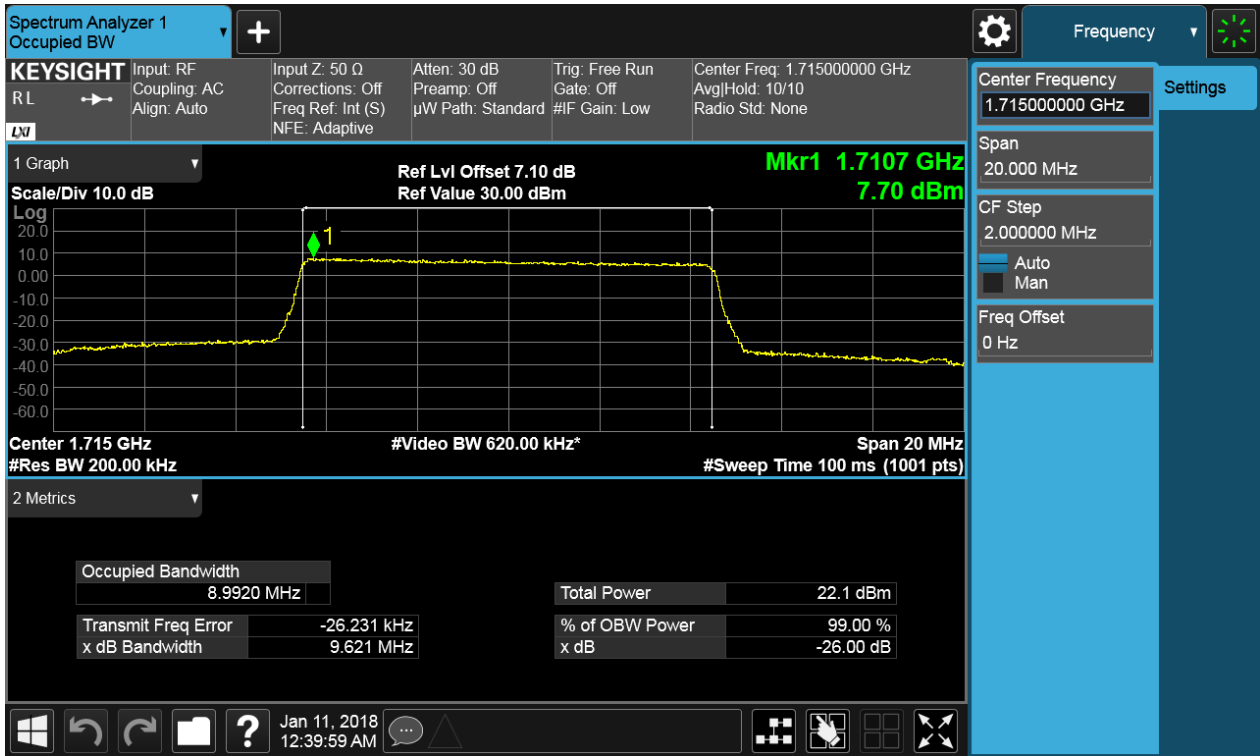




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

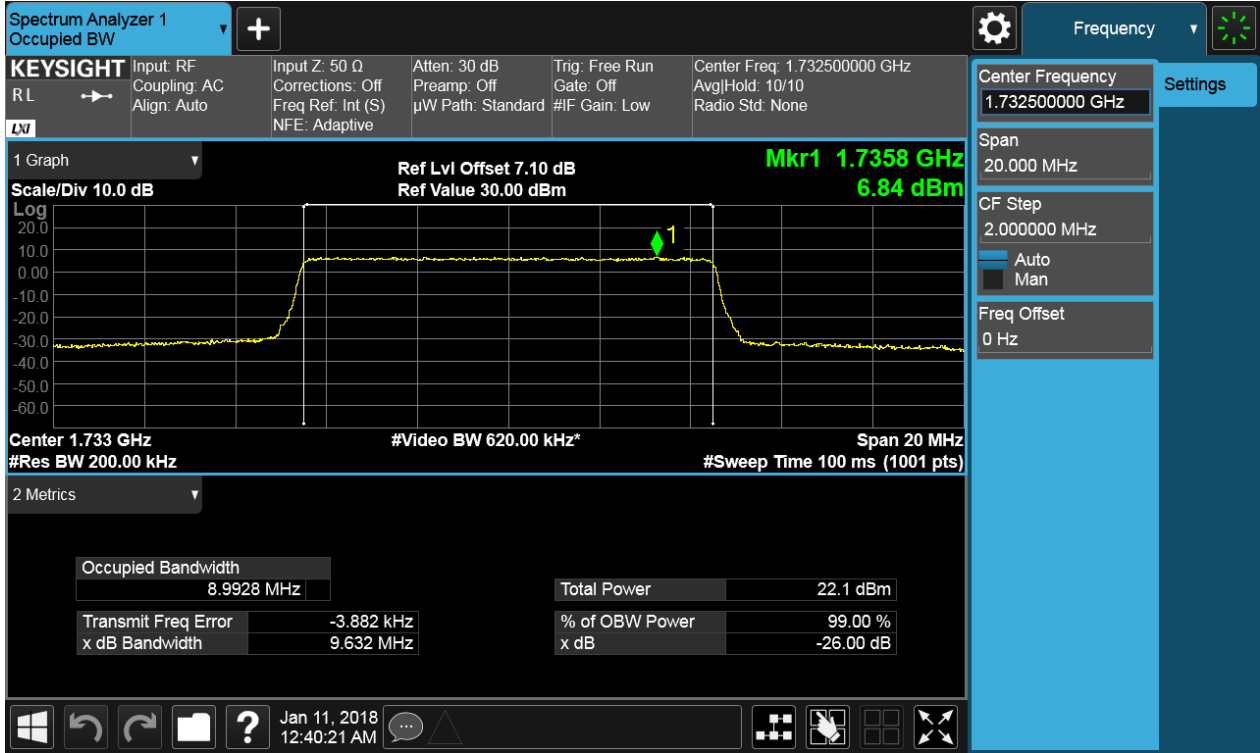
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

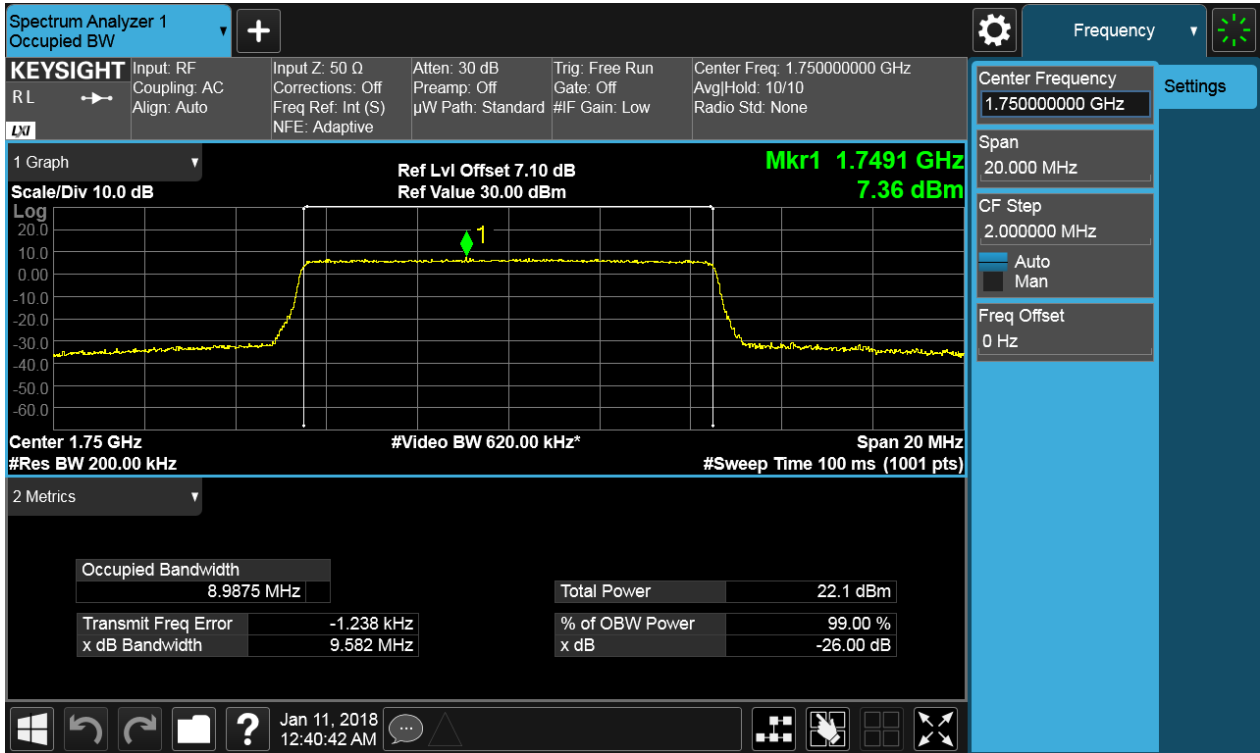
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

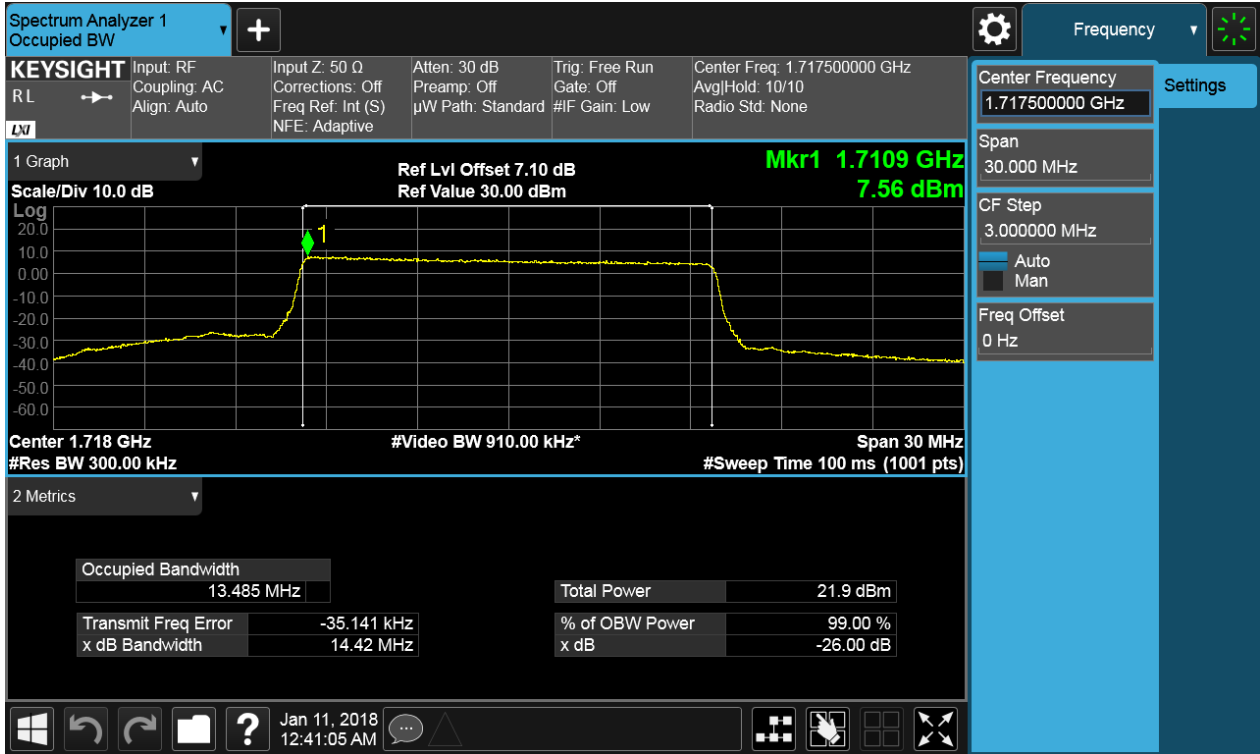




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

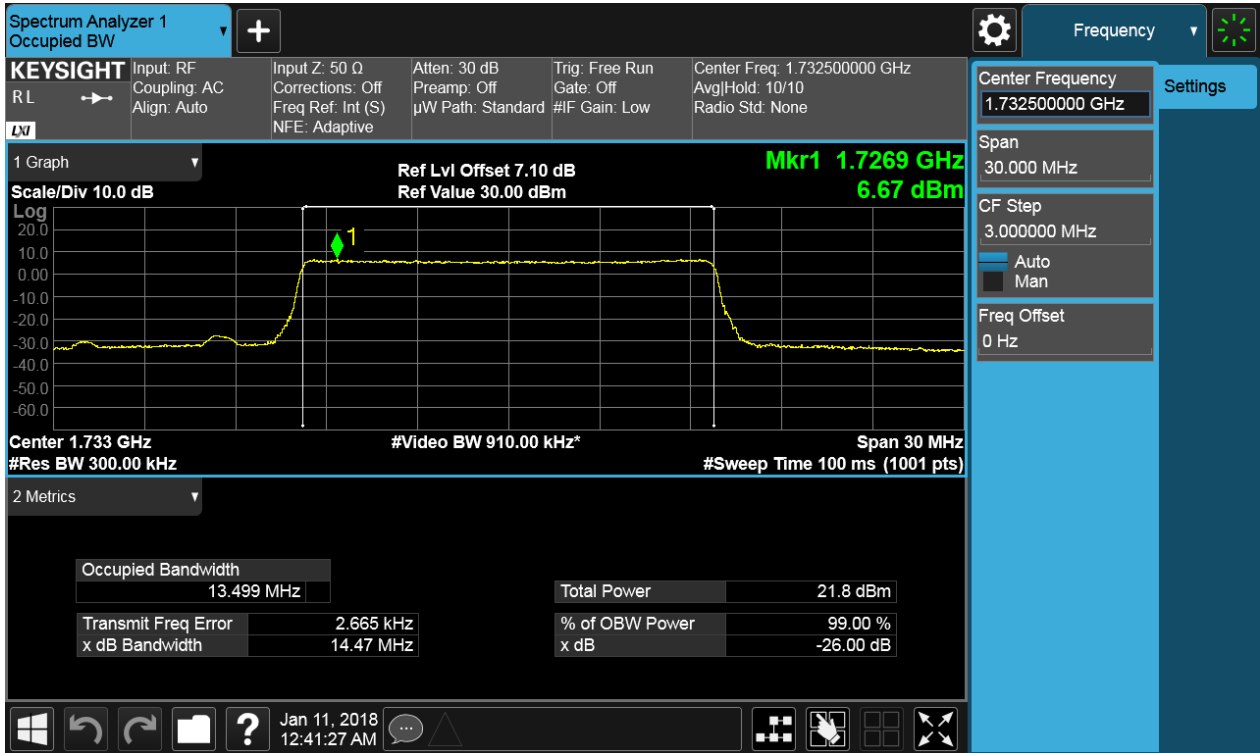
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

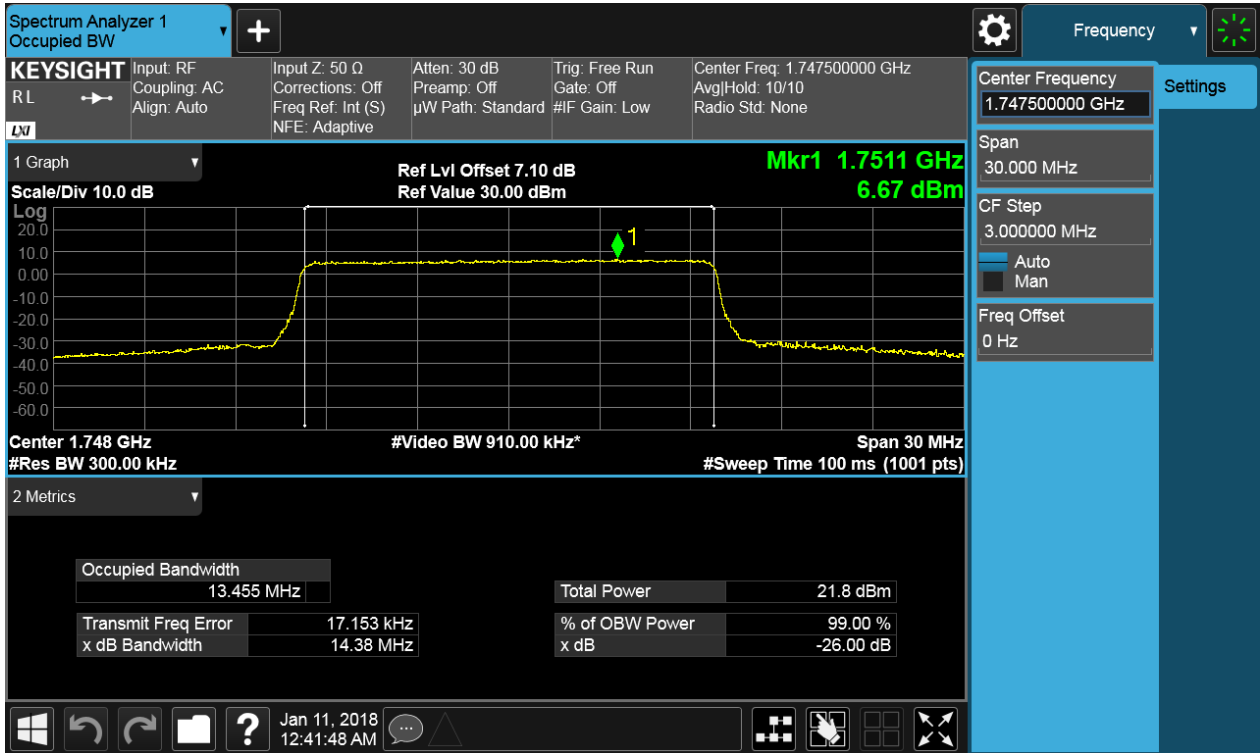
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

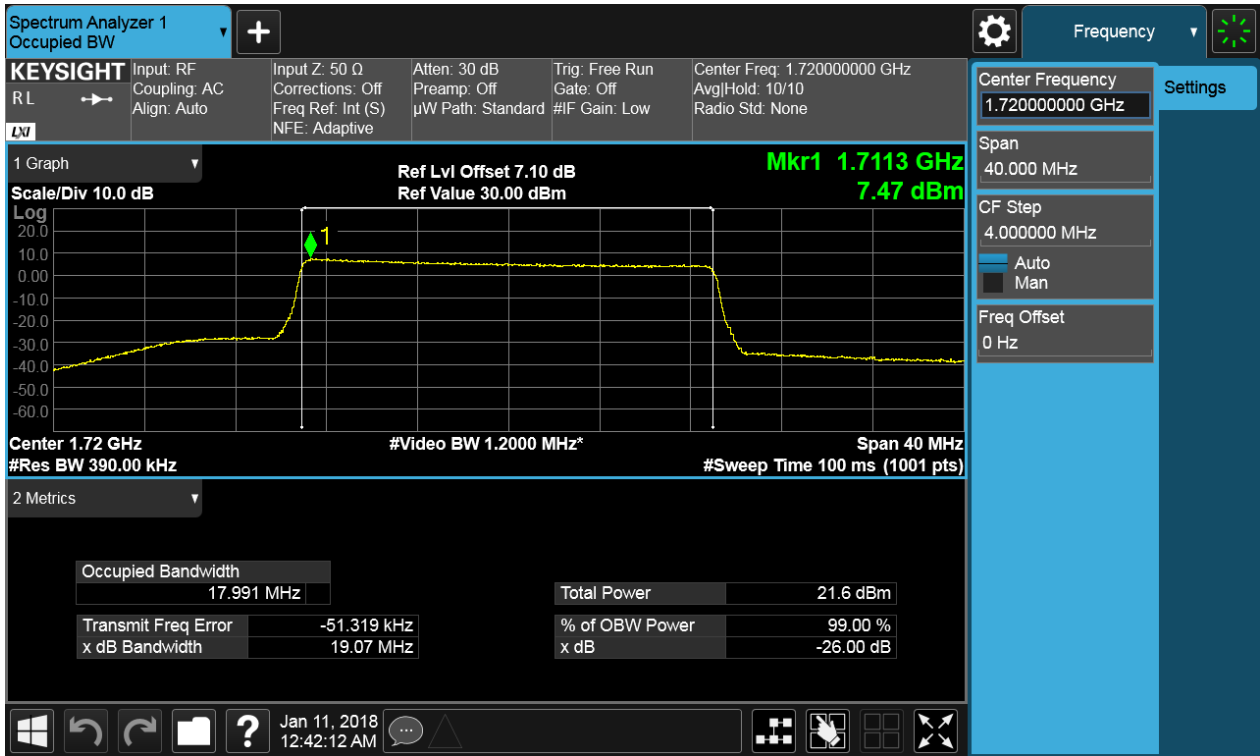




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

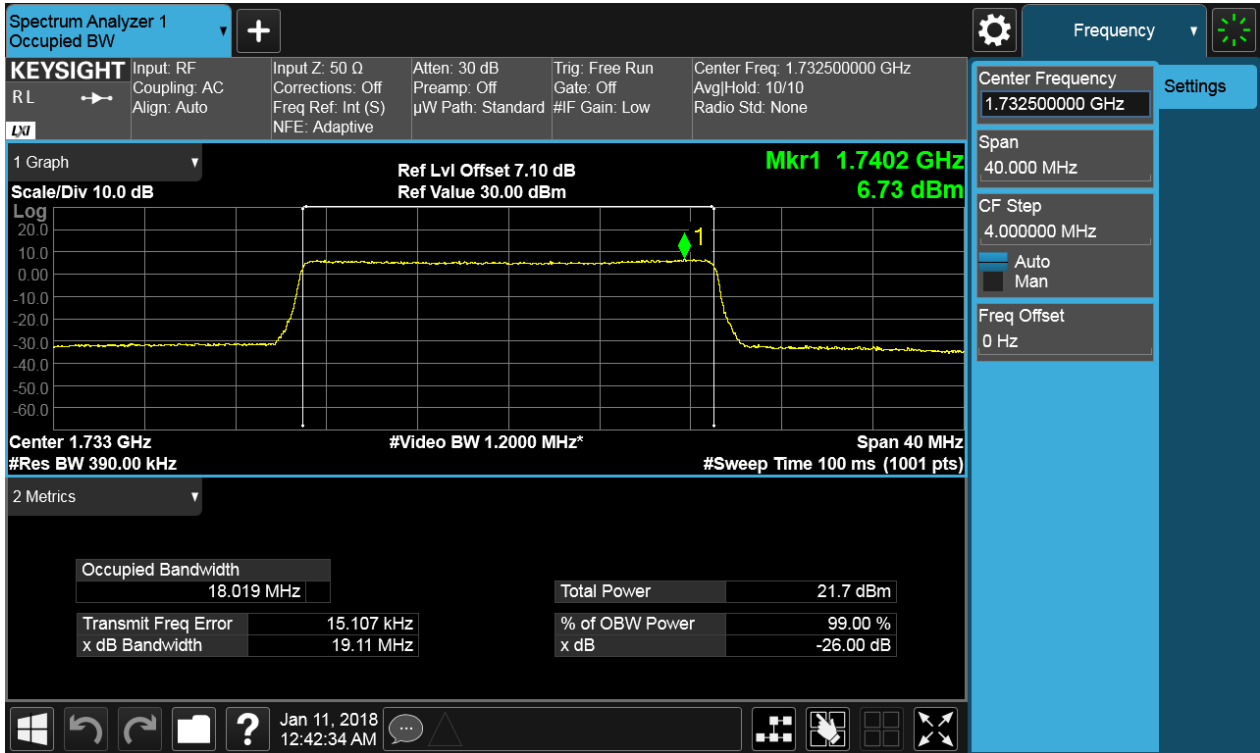
4.1.1.2.6.1.1 Test RB = RB100#0





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

