



Appendix for test report



1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	21.29	22.89	30	PASS
				RB1#3	21.39	22.99	30	PASS
				RB1#5	21.35	22.95	30	PASS
				RB3#0	21.41	23.01	30	PASS
				RB3#2	21.46	23.06	30	PASS
				RB3#3	21.41	23.01	30	PASS
				RB6#0	20.59	22.19	30	PASS
			MCH	RB1#0	21.68	23.28	30	PASS
				RB1#3	21.68	23.28	30	PASS
				RB1#5	21.55	23.15	30	PASS
				RB3#0	21.67	23.27	30	PASS
				RB3#2	21.69	23.29	30	PASS
				RB3#3	21.6	23.2	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.75	22.35	30	PASS
			HCH	RB1#0	21.18	22.78	30	PASS
				RB1#3	21.17	22.77	30	PASS
				RB1#5	21.06	22.66	30	PASS
				RB3#0	21.14	22.74	30	PASS
				RB3#2	21.13	22.73	30	PASS
				RB3#3	21.11	22.71	30	PASS
				RB6#0	20.22	21.82	30	PASS
		3		LCH	RB1#0	21.4	23	30
			RB1#7		21.69	23.29	30	PASS
			RB1#14		21.58	23.18	30	PASS
			RB8#0		20.64	22.24	30	PASS
			RB8#4		20.74	22.34	30	PASS
			RB8#7		20.78	22.38	30	PASS
			RB15#0		20.7	22.3	30	PASS
			MCH	RB1#0	21.47	23.07	30	PASS
				RB1#7	21.8	23.4	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#14	21.52	23.12	30	PASS		
				RB8#0	20.75	22.35	30	PASS		
				RB8#4	20.81	22.41	30	PASS		
				RB8#7	20.74	22.34	30	PASS		
				RB15#0	20.77	22.37	30	PASS		
			HCH	RB1#0	21.27	22.87	30	PASS		
				RB1#7	21.45	23.05	30	PASS		
				RB1#14	20.92	22.52	30	PASS		
				RB8#0	20.33	21.93	30	PASS		
				RB8#4	20.28	21.88	30	PASS		
		5	LCH	RB8#7	20.1	21.7	30	PASS		
				RB15#0	20.25	21.85	30	PASS		
				RB1#0	21.54	23.14	30	PASS		
				RB1#13	21.94	23.54	30	PASS		
				RB1#24	21.96	23.56	30	PASS		
						RB12#0	20.78	22.38	30	PASS
						RB12#6	20.99	22.59	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB12#13	20.91	22.51	30	PASS	
				RB25#0	20.83	22.43	30	PASS	
			MCH	RB1#0	21.62	23.22	30	PASS	
				RB1#13	21.78	23.38	30	PASS	
				RB1#24	21.87	23.47	30	PASS	
				RB12#0	20.77	22.37	30	PASS	
				RB12#6	20.86	22.46	30	PASS	
				RB12#13	20.72	22.32	30	PASS	
				RB25#0	20.76	22.36	30	PASS	
				HCH	RB1#0	21.57	23.17	30	PASS
			RB1#13		21.39	22.99	30	PASS	
			RB1#24		21.3	22.9	30	PASS	
			RB12#0		20.51	22.11	30	PASS	
			RB12#6		20.49	22.09	30	PASS	
			RB12#13		20.18	21.78	30	PASS	
			RB25#0		20.34	21.94	30	PASS	
			10	LCH	RB1#0	21.3	22.9	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.03	23.63	30	PASS
				RB1#49	21.77	23.37	30	PASS
				RB25#0	20.86	22.46	30	PASS
				RB25#13	20.97	22.57	30	PASS
				RB25#25	20.85	22.45	30	PASS
				RB50#0	20.9	22.5	30	PASS
			MCH	RB1#0	21.39	22.99	30	PASS
			MCH	RB1#25	21.81	23.41	30	PASS
			MCH	RB1#49	21.81	23.41	30	PASS
			MCH	RB25#0	20.79	22.39	30	PASS
			MCH	RB25#13	20.8	22.4	30	PASS
			MCH	RB25#25	20.69	22.29	30	PASS
			MCH	RB50#0	20.66	22.26	30	PASS
			HCH	RB1#0	21.78	23.38	30	PASS
			HCH	RB1#25	21.63	23.23	30	PASS
			HCH	RB1#49	21.36	22.96	30	PASS
			HCH	RB25#0	20.76	22.36	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB25#13	20.58	22.18	30	PASS	
				RB25#25	20.33	21.93	30	PASS	
				RB50#0	20.58	22.18	30	PASS	
		15	LCH	RB1#0	21.64	23.24	30	PASS	
				RB1#38	21.93	23.53	30	PASS	
				RB1#74	21.62	23.22	30	PASS	
				RB38#0	21.03	22.63	30	PASS	
				RB38#19	21.02	22.62	30	PASS	
				RB38#39	20.9	22.5	30	PASS	
				RB75#0	21.02	22.62	30	PASS	
				MCH	RB1#0	21.65	23.25	30	PASS
					RB1#38	21.83	23.43	30	PASS
					RB1#74	21.86	23.46	30	PASS
					RB38#0	20.82	22.42	30	PASS
					RB38#19	21	22.6	30	PASS
RB38#39	20.84	22.44	30		PASS				
RB75#0	20.74	22.34	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.96	23.56	30	PASS
				RB1#38	21.85	23.45	30	PASS
				RB1#74	21.1	22.7	30	PASS
				RB38#0	20.99	22.59	30	PASS
				RB38#19	20.87	22.47	30	PASS
				RB38#39	20.45	22.05	30	PASS
				RB75#0	20.7	22.3	30	PASS
		20	LCH	RB1#0	21.92	23.52	30	PASS
				RB1#50	22.41	24.01	30	PASS
				RB1#99	22.16	23.76	30	PASS
				RB50#0	21.21	22.81	30	PASS
				RB50#25	21.35	22.95	30	PASS
				RB50#50	21.45	23.05	30	PASS
				RB100#0	21.41	23.01	30	PASS
				MCH	RB1#0	22.51	24.11	30
RB1#50	22.33	23.93	30		PASS			
RB1#99	22.02	23.62	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.53	23.13	30	PASS
				RB50#25	21.28	22.88	30	PASS
				RB50#50	21.25	22.85	30	PASS
				RB100#0	21.37	22.97	30	PASS
			HCH	RB1#0	22.33	23.93	30	PASS
				RB1#50	22.39	23.99	30	PASS
				RB1#99	21.8	23.4	30	PASS
				RB50#0	21.23	22.83	30	PASS
				RB50#25	21.22	22.82	30	PASS
				RB50#50	21.08	22.68	30	PASS
				RB100#0	21.21	22.81	30	PASS
				LCH	RB1#0	20.75	22.35	30
			RB1#3		20.65	22.25	30	PASS
			RB1#5		20.72	22.32	30	PASS
RB3#0	20.78	22.38	30		PASS			
RB3#2	20.78	22.38	30		PASS			
RB3#3	20.72	22.32	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.68	22.28	30	PASS
			MCH	RB1#0	21.14	22.74	30	PASS
				RB1#3	21.2	22.8	30	PASS
				RB1#5	21.03	22.63	30	PASS
				RB3#0	21.1	22.7	30	PASS
				RB3#2	21.15	22.75	30	PASS
				RB3#3	21.15	22.75	30	PASS
				RB6#0	21.11	22.71	30	PASS
				HCH	RB1#0	20.86	22.46	30
			RB1#3		20.91	22.51	30	PASS
			RB1#5		20.84	22.44	30	PASS
			RB3#0		20.97	22.57	30	PASS
			RB3#2		20.95	22.55	30	PASS
			RB3#3		20.89	22.49	30	PASS
			RB6#0		20.83	22.43	30	PASS
		3	LCH		RB1#0	20.26	21.86	30
				RB1#7	20.54	22.14	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	20.78	22.38	30	PASS
				RB8#0	20.69	22.29	30	PASS
				RB8#4	20.79	22.39	30	PASS
				RB8#7	20.86	22.46	30	PASS
				RB15#0	20.73	22.33	30	PASS
			MCH	RB1#0	20.87	22.47	30	PASS
			MCH	RB1#7	21.31	22.91	30	PASS
			MCH	RB1#14	20.71	22.31	30	PASS
			MCH	RB8#0	21.18	22.78	30	PASS
			MCH	RB8#4	21.07	22.67	30	PASS
			MCH	RB8#7	20.98	22.58	30	PASS
			MCH	RB15#0	21.04	22.64	30	PASS
			HCH	RB1#0	20.7	22.3	30	PASS
			HCH	RB1#7	20.86	22.46	30	PASS
			HCH	RB1#14	20.54	22.14	30	PASS
			HCH	RB8#0	20.85	22.45	30	PASS
			HCH	RB8#4	20.85	22.45	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#7	20.71	22.31	30	PASS	
				RB15#0	20.78	22.38	30	PASS	
		5	LCH	RB1#0	20.79	22.39	30	PASS	
				RB1#13	20.88	22.48	30	PASS	
				RB1#24	20.89	22.49	30	PASS	
				RB12#0	20.76	22.36	30	PASS	
				RB12#6	20.94	22.54	30	PASS	
				RB12#13	20.88	22.48	30	PASS	
				RB25#0	20.79	22.39	30	PASS	
				MCH	RB1#0	21.24	22.84	30	PASS
					RB1#13	21.32	22.92	30	PASS
					RB1#24	21.14	22.74	30	PASS
					RB12#0	21.16	22.76	30	PASS
					RB12#6	21.18	22.78	30	PASS
					RB12#13	20.94	22.54	30	PASS
RB25#0	21.03	22.63	30		PASS				
HCH	RB1#0	21.01	22.61	30	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.11	22.71	30	PASS
				RB1#24	20.91	22.51	30	PASS
				RB12#0	20.99	22.59	30	PASS
				RB12#6	20.97	22.57	30	PASS
				RB12#13	20.75	22.35	30	PASS
				RB25#0	20.86	22.46	30	PASS
		10	LCH	RB1#0	20.49	22.09	30	PASS
				RB1#25	21.14	22.74	30	PASS
				RB1#49	21.23	22.83	30	PASS
				RB25#0	20.82	22.42	30	PASS
				RB25#13	21.05	22.65	30	PASS
				RB25#25	20.97	22.57	30	PASS
				RB50#0	21.02	22.62	30	PASS
				MCH	RB1#0	21.1	22.7	30
		RB1#25	21.25		22.85	30	PASS	
		RB1#49	21.09		22.69	30	PASS	
RB25#0	21.2	22.8	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.06	22.66	30	PASS
				RB25#25	20.96	22.56	30	PASS
				RB50#0	20.98	22.58	30	PASS
			HCH	RB1#0	20.95	22.55	30	PASS
				RB1#25	21.06	22.66	30	PASS
				RB1#49	20.86	22.46	30	PASS
				RB25#0	21.03	22.63	30	PASS
				RB25#13	20.9	22.5	30	PASS
				RB25#25	20.8	22.4	30	PASS
		RB50#0	21.01	22.61	30	PASS		
		15	LCH	RB1#0	20.9	22.5	30	PASS
				RB1#38	21.28	22.88	30	PASS
				RB1#74	21.37	22.97	30	PASS
				RB38#0	21.13	22.73	30	PASS
				RB38#19	21.15	22.75	30	PASS
RB38#39	21.24			22.84	30	PASS		
			RB75#0	21.17	22.77	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.5	23.1	30	PASS
				RB1#38	21.28	22.88	30	PASS
				RB1#74	21.17	22.77	30	PASS
				RB38#0	21.29	22.89	30	PASS
				RB38#19	21.23	22.83	30	PASS
				RB38#39	21.1	22.7	30	PASS
				RB75#0	21.09	22.69	30	PASS
			HCH	RB1#0	21.37	22.97	30	PASS
				RB1#38	21.3	22.9	30	PASS
				RB1#74	21.02	22.62	30	PASS
				RB38#0	21.04	22.64	30	PASS
				RB38#19	21.13	22.73	30	PASS
				RB38#39	20.83	22.43	30	PASS
				RB75#0	20.96	22.56	30	PASS
		20	LCH	RB1#0	21.1	22.7	30	PASS
RB1#50	21.58			23.18	30	PASS		
RB1#99	21.46			23.06	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.2	22.8	30	PASS
				RB50#25	21.28	22.88	30	PASS
				RB50#50	21.31	22.91	30	PASS
				RB100#0	21.32	22.92	30	PASS
			MCH	RB1#0	21.75	23.35	30	PASS
				RB1#50	21.62	23.22	30	PASS
				RB1#99	21.26	22.86	30	PASS
				RB50#0	21.45	23.05	30	PASS
				RB50#25	21.2	22.8	30	PASS
				RB50#50	21.22	22.82	30	PASS
				RB100#0	21.29	22.89	30	PASS
				HCH	RB1#0	21.59	23.19	30
			RB1#50		21.73	23.33	30	PASS
			RB1#99		21	22.6	30	PASS
			RB50#0		21.17	22.77	30	PASS
			RB50#25		21.15	22.75	30	PASS
			RB50#50		21.02	22.62	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.1	22.7	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	5.02	13	PASS
				RB1#3	4.93	13	PASS
				RB1#5	4.83	13	PASS
				RB3#0	5.11	13	PASS
				RB3#2	5.06	13	PASS
				RB3#3	5.24	13	PASS
				RB6#0	5.19	13	PASS
			MCH	RB1#0	4.41	13	PASS
				RB1#3	4.35	13	PASS
				RB1#5	4.41	13	PASS
				RB3#0	4.86	13	PASS
				RB3#2	4.68	13	PASS
				RB3#3	4.72	13	PASS
				RB6#0	5.71	13	PASS
		HCH	RB1#0	4.53	13	PASS	
			RB1#3	4.58	13	PASS	
			RB1#5	4.65	13	PASS	
			RB3#0	5.15	13	PASS	
			RB3#2	5	13	PASS	
			RB3#3	4.98	13	PASS	
			RB6#0	5.43	13	PASS	
		3	LCH	RB1#0	4.52	13	PASS
				RB1#7	4.2	13	PASS
				RB1#14	4.25	13	PASS
				RB8#0	5.31	13	PASS
				RB8#4	5.28	13	PASS
				RB8#7	5.37	13	PASS
				RB15#0	5.54	13	PASS
MCH	RB1#0		4.25	13	PASS		
	RB1#7		3.9	13	PASS		
	RB1#14		4.36	13	PASS		
	RB8#0		5.26	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	5.22	13	PASS	
				RB8#7	5.3	13	PASS	
				RB15#0	5.47	13	PASS	
			HCH	RB1#0	4.32	13	PASS	
				RB1#7	4.16	13	PASS	
				RB1#14	4.6	13	PASS	
				RB8#0	5.58	13	PASS	
				RB8#4	5.24	13	PASS	
				RB8#7	5.56	13	PASS	
			RB15#0	5.35	13	PASS		
			5	LCH	RB1#0	4.62	13	PASS
					RB1#13	4.33	13	PASS
					RB1#24	4.33	13	PASS
					RB12#0	5.77	13	PASS
					RB12#6	5.69	13	PASS
		RB12#13			5.73	13	PASS	
		RB25#0		5.92	13	PASS		
		MCH		RB1#0	4.27	13	PASS	
				RB1#13	4.17	13	PASS	
				RB1#24	4.12	13	PASS	
				RB12#0	5.4	13	PASS	
				RB12#6	5.42	13	PASS	
				RB12#13	5.5	13	PASS	
		RB25#0		5.74	13	PASS		
		HCH		RB1#0	4.43	13	PASS	
			RB1#13	4.53	13	PASS		
			RB1#24	4.42	13	PASS		
			RB12#0	5.67	13	PASS		
			RB12#6	5.63	13	PASS		
			RB12#13	5.68	13	PASS		
RB25#0	5.8	13	PASS					
10	LCH	RB1#0	4.6	13	PASS			
		RB1#25	4.26	13	PASS			
		RB1#49	4.33	13	PASS			
		RB25#0	5.67	13	PASS			
		RB25#13	5.56	13	PASS			
		RB25#25	5.54	13	PASS			
	RB50#0	5.77	13	PASS				
MCH	RB1#0	4.44	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#25	4.22	13	PASS	
				RB1#49	4.25	13	PASS	
				RB25#0	5.34	13	PASS	
				RB25#13	5.42	13	PASS	
				RB25#25	5.45	13	PASS	
				RB50#0	5.99	13	PASS	
			HCH	RB1#0	4.33	13	PASS	
				RB1#25	4.37	13	PASS	
				RB1#49	4.41	13	PASS	
				RB25#0	5.7	13	PASS	
				RB25#13	5.74	13	PASS	
				RB25#25	5.73	13	PASS	
		RB50#0	6	13	PASS			
		15	LCH		RB1#0	4.55	13	PASS
					RB1#38	4.29	13	PASS
					RB1#74	4.31	13	PASS
					RB38#0	5.81	13	PASS
					RB38#19	5.74	13	PASS
					RB38#39	5.71	13	PASS
			RB75#0	6.04	13	PASS		
			MCH	RB1#0	4.3	13	PASS	
				RB1#38	4.24	13	PASS	
				RB1#74	4.37	13	PASS	
				RB38#0	5.57	13	PASS	
				RB38#19	5.46	13	PASS	
				RB38#39	5.58	13	PASS	
			RB75#0	6.1	13	PASS		
			HCH	RB1#0	4.45	13	PASS	
				RB1#38	4.4	13	PASS	
				RB1#74	4.63	13	PASS	
RB38#0	5.69			13	PASS			
RB38#19	5.71	13		PASS				
RB38#39	5.77	13		PASS				
RB75#0	6.13	13	PASS					
20	LCH	RB1#0	4.79	13	PASS			
		RB1#50	4.35	13	PASS			
		RB1#99	4.62	13	PASS			
		RB50#0	5.82	13	PASS			
		RB50#25	5.67	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#50	5.65	13	PASS	
				RB100#0	5.79	13	PASS	
			MCH	RB1#0	4.4	13	PASS	
				RB1#50	4.13	13	PASS	
				RB1#99	4.48	13	PASS	
				RB50#0	5.64	13	PASS	
				RB50#25	5.59	13	PASS	
				RB50#50	5.69	13	PASS	
			RB100#0	6.03	13	PASS		
			HCH	RB1#0	4.4	13	PASS	
				RB1#50	4.03	13	PASS	
				RB1#99	4.86	13	PASS	
				RB50#0	5.6	13	PASS	
				RB50#25	5.61	13	PASS	
	RB50#50	5.77		13	PASS			
	RB100#0	5.91	13	PASS				
		LTE/TM2	1.4	LCH	RB1#0	5.23	13	PASS
					RB1#3	5.42	13	PASS
					RB1#5	5.2	13	PASS
					RB3#0	5.61	13	PASS
					RB3#2	5.58	13	PASS
					RB3#3	5.58	13	PASS
					RB6#0	6.03	13	PASS
				MCH	RB1#0	5.14	13	PASS
					RB1#3	5.28	13	PASS
					RB1#5	5.15	13	PASS
					RB3#0	5.61	13	PASS
					RB3#2	5.28	13	PASS
					RB3#3	5.37	13	PASS
					RB6#0	5.82	13	PASS
HCH			RB1#0	5.15	13	PASS		
			RB1#3	5.33	13	PASS		
	RB1#5	4.89	13	PASS				
	RB3#0	5.4	13	PASS				
	RB3#2	5.4	13	PASS				
	RB3#3	5.66	13	PASS				
	RB6#0	6.02	13	PASS				
3	LCH	RB1#0	5.52	13	PASS			
		RB1#7	5.15	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	5.41	13	PASS
				RB8#0	5.92	13	PASS
				RB8#4	5.67	13	PASS
				RB8#7	5.62	13	PASS
				RB15#0	6.16	13	PASS
			MCH	RB1#0	5.15	13	PASS
				RB1#7	4.86	13	PASS
				RB1#14	5.19	13	PASS
				RB8#0	5.91	13	PASS
				RB8#4	5.73	13	PASS
				RB8#7	5.58	13	PASS
			HCH	RB15#0	6.09	13	PASS
				RB1#0	5.43	13	PASS
				RB1#7	5.05	13	PASS
				RB1#14	5.19	13	PASS
		RB8#0		5.67	13	PASS	
		RB8#4		5.76	13	PASS	
		5	LCH	RB8#7	5.53	13	PASS
				RB15#0	6.05	13	PASS
				RB1#0	5.42	13	PASS
				RB1#13	5.42	13	PASS
				RB1#24	5.19	13	PASS
				RB12#0	5.94	13	PASS
			MCH	RB12#6	5.92	13	PASS
				RB12#13	5.86	13	PASS
				RB25#0	6.3	13	PASS
				RB1#0	5.08	13	PASS
				RB1#13	5.03	13	PASS
				RB1#24	5.14	13	PASS
			HCH	RB12#0	5.73	13	PASS
RB12#6	5.6			13	PASS		
RB12#13	5.72			13	PASS		
RB25#0	6.03	13		PASS			
RB1#0	5.03	13		PASS			
RB1#13	5.34	13		PASS			
				RB1#24	5.11	13	PASS
				RB12#0	5.92	13	PASS
				RB12#6	5.99	13	PASS
				RB12#13	5.97	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB25#0	6.5	13	PASS
				RB1#0	5.52	13	PASS
				RB1#25	5.2	13	PASS
				RB1#49	5.24	13	PASS
				RB25#0	5.99	13	PASS
				RB25#13	6	13	PASS
				RB25#25	5.88	13	PASS
			RB50#0	6.28	13	PASS	
			MCH	RB1#0	5.1	13	PASS
				RB1#25	5	13	PASS
				RB1#49	5.11	13	PASS
				RB25#0	5.93	13	PASS
				RB25#13	5.75	13	PASS
				RB25#25	5.82	13	PASS
				RB50#0	6.37	13	PASS
			HCH	RB1#0	5.17	13	PASS
				RB1#25	5.31	13	PASS
				RB1#49	5.31	13	PASS
				RB25#0	5.85	13	PASS
				RB25#13	6.01	13	PASS
				RB25#25	6	13	PASS
		RB50#0		6.33	13	PASS	
		15	LCH	RB1#0	5.51	13	PASS
				RB1#38	5.25	13	PASS
				RB1#74	5.14	13	PASS
				RB38#0	6.07	13	PASS
				RB38#19	5.92	13	PASS
				RB38#39	5.91	13	PASS
				RB75#0	6.61	13	PASS
			MCH	RB1#0	5.17	13	PASS
				RB1#38	5.16	13	PASS
				RB1#74	5.34	13	PASS
				RB38#0	5.95	13	PASS
				RB38#19	5.72	13	PASS
				RB38#39	5.83	13	PASS
				RB75#0	6.49	13	PASS
HCH	RB1#0		5.23	13	PASS		
	RB1#38	5.21	13	PASS			
	RB1#74	5.44	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
		20		RB38#0	5.89	13	PASS		
				RB38#19	5.93	13	PASS		
				RB38#39	6.06	13	PASS		
				RB75#0	6.59	13	PASS		
			LCH	RB1#0	5.4	13	PASS		
				RB1#50	4.83	13	PASS		
				RB1#99	5.39	13	PASS		
				RB50#0	6.18	13	PASS		
				RB50#25	5.98	13	PASS		
				RB50#50	5.94	13	PASS		
			MCH	RB100#0	6.55	13	PASS		
				RB1#0	5.29	13	PASS		
		RB1#50		4.74	13	PASS			
		RB1#99		5.45	13	PASS			
		RB50#0		6.02	13	PASS			
		RB50#25		5.84	13	PASS			
		HCH	RB50#50	6.07	13	PASS			
			RB100#0	6.49	13	PASS			
			RB1#0	4.98	13	PASS			
			RB1#50	4.74	13	PASS			
			RB1#99	5.23	13	PASS			
			RB50#0	5.87	13	PASS			
						RB50#25	5.86	13	PASS
						RB50#50	6	13	PASS
						RB100#0	6.44	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

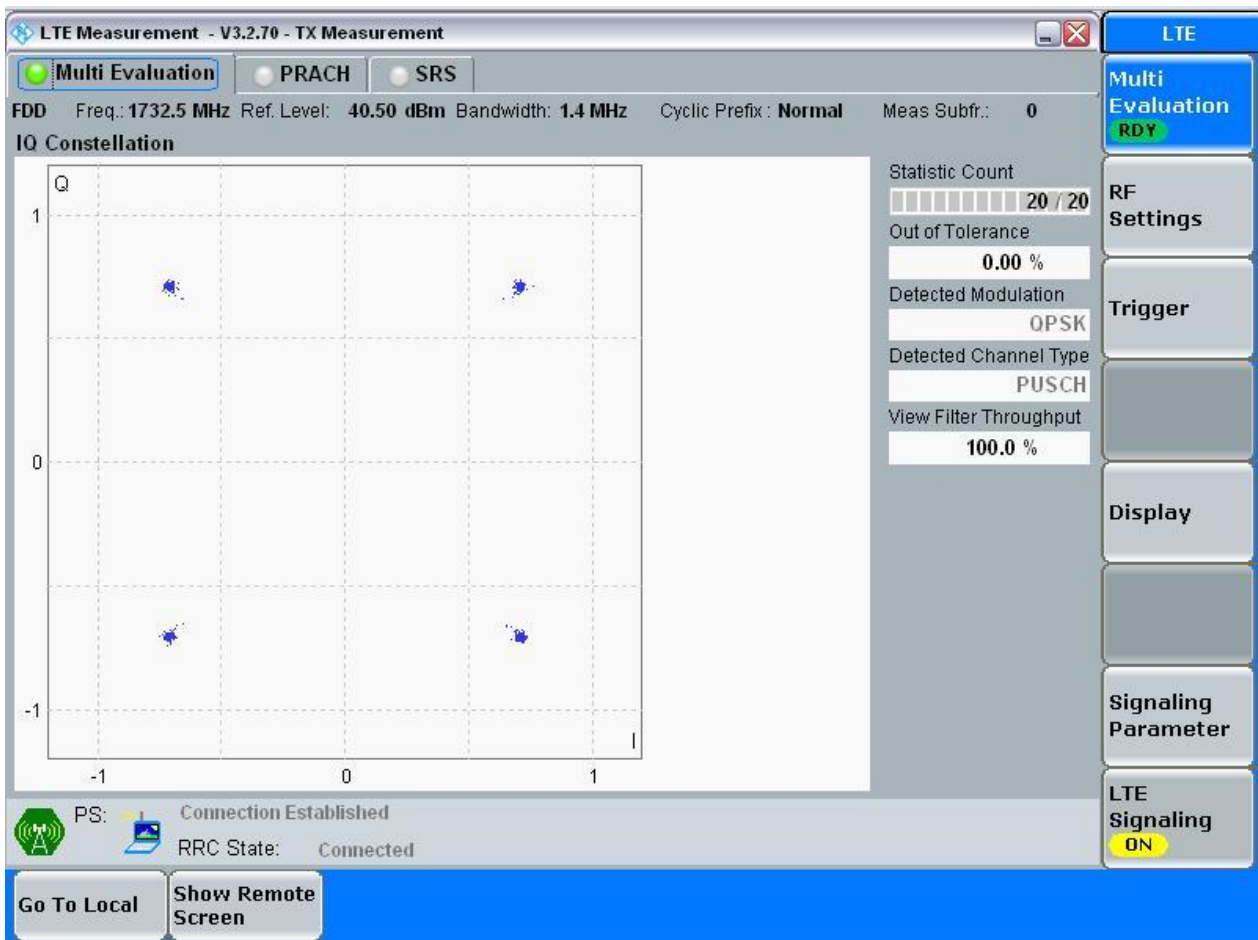
3.1.1 Test Band = BAND4

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

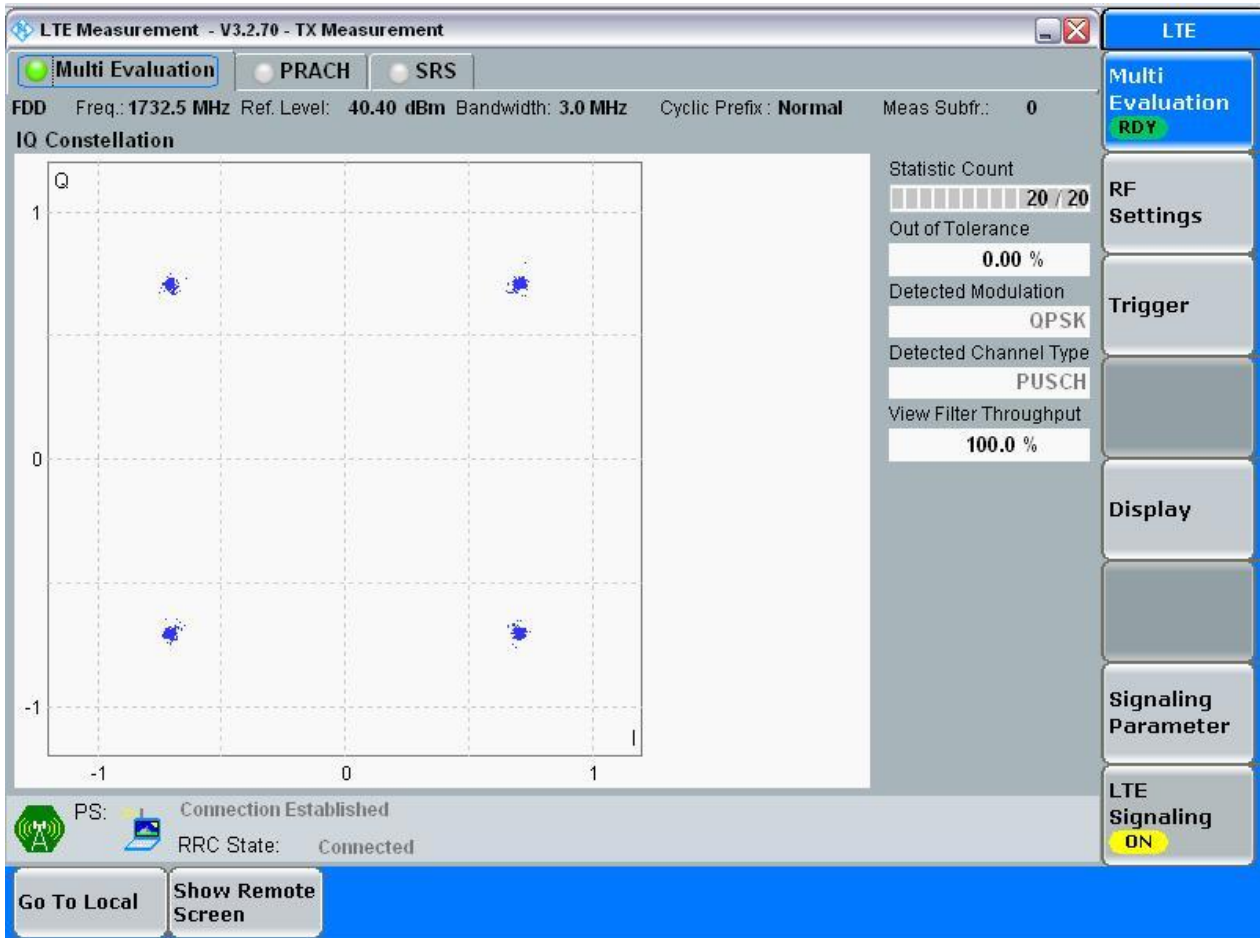
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

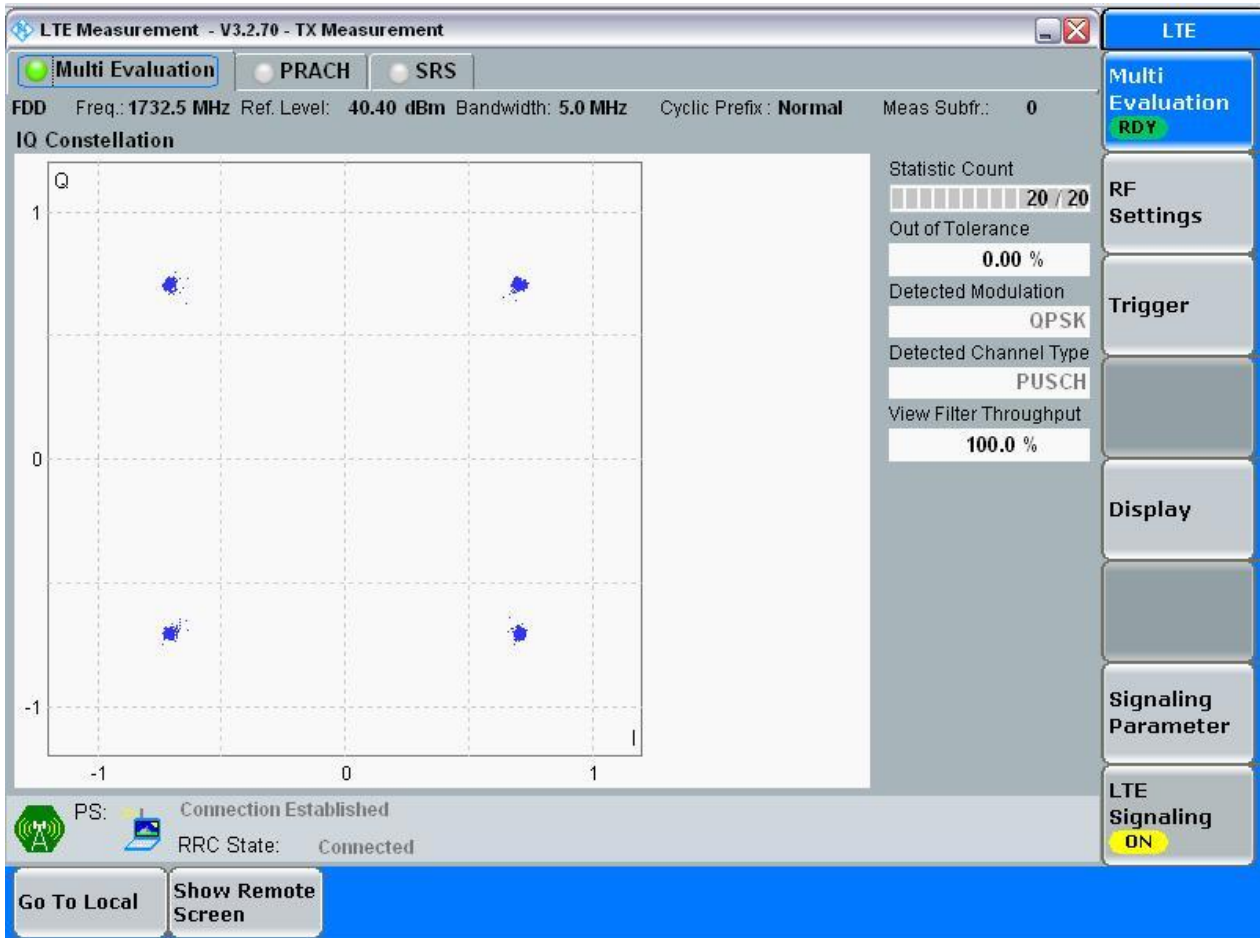
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

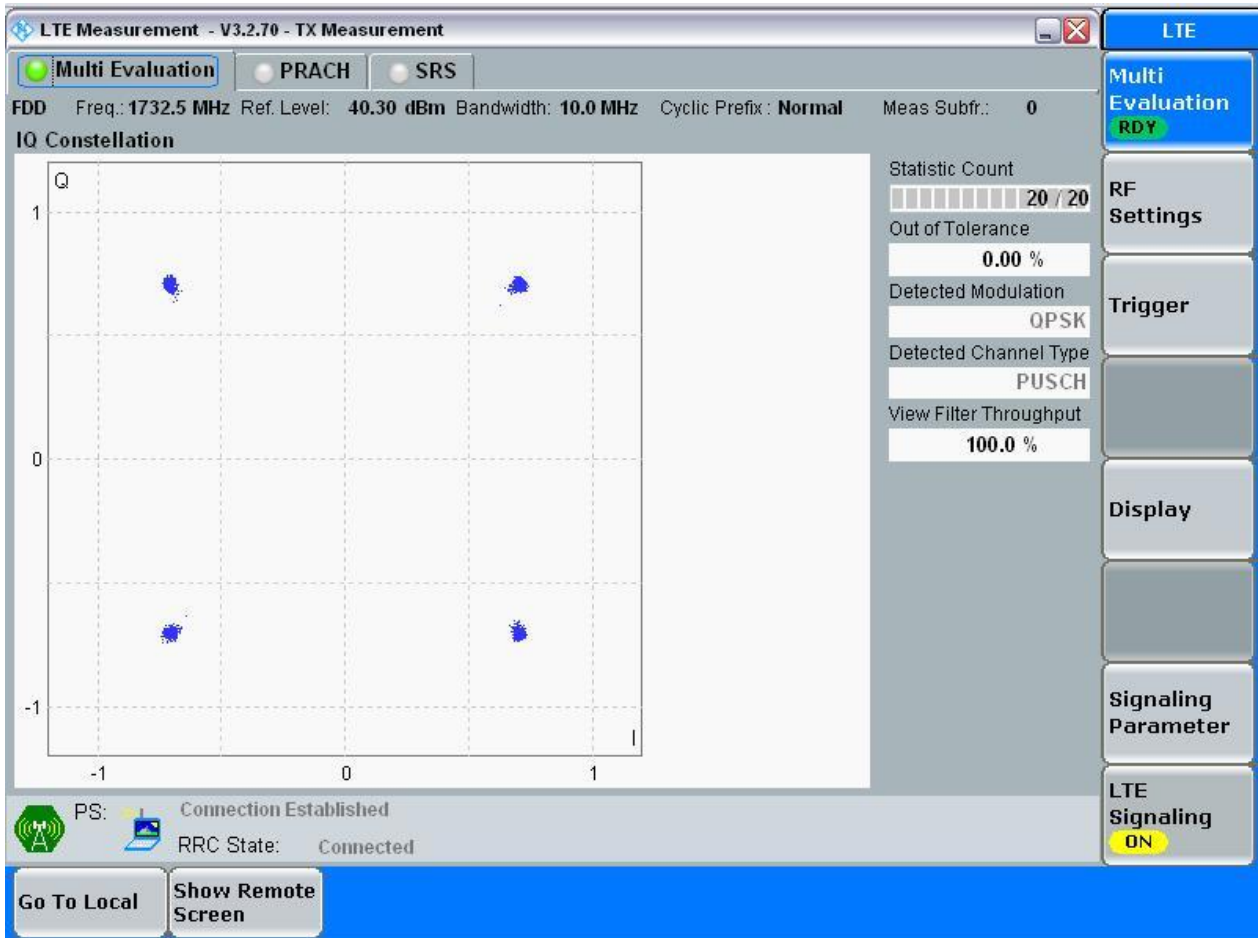
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

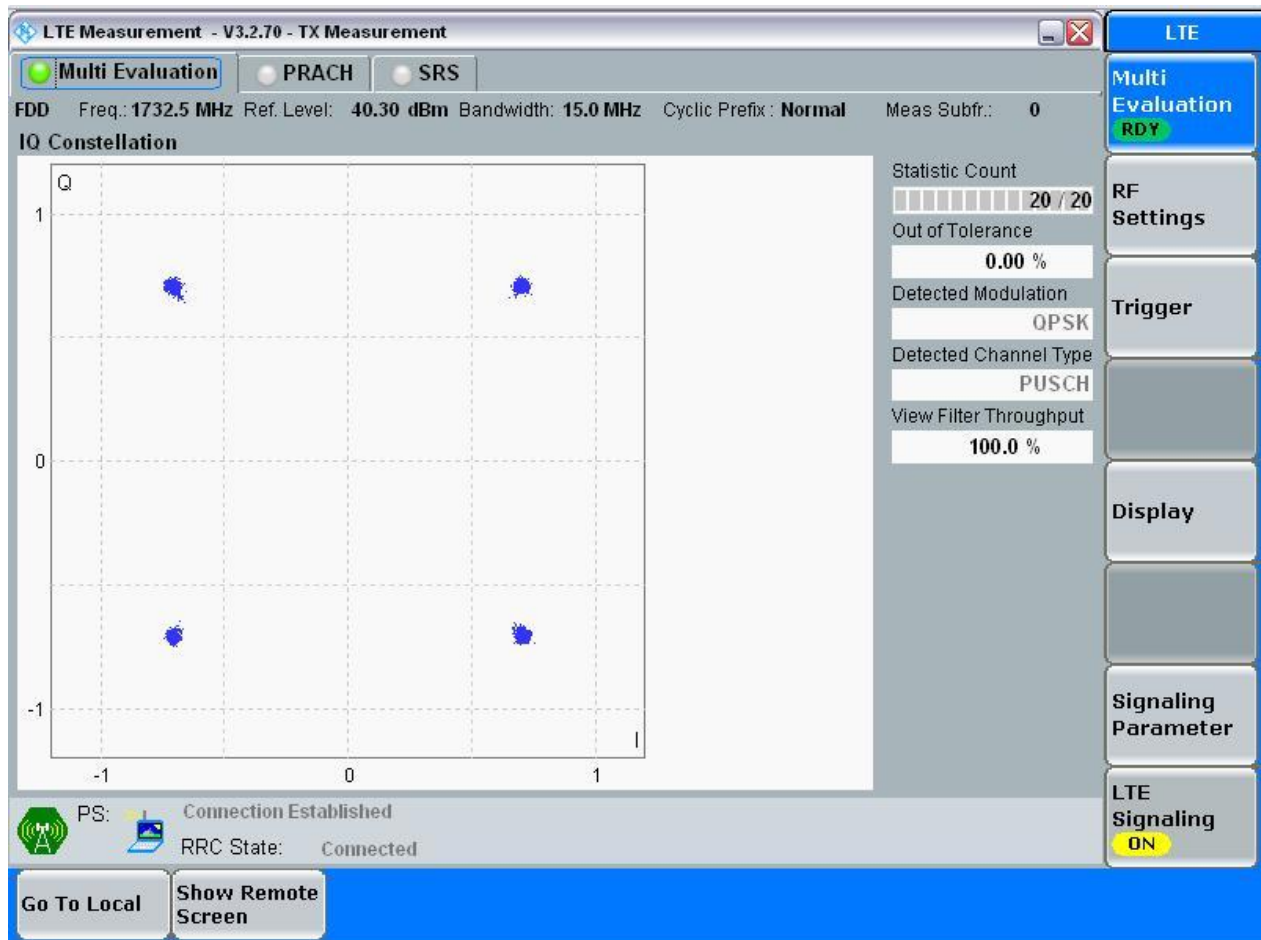
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

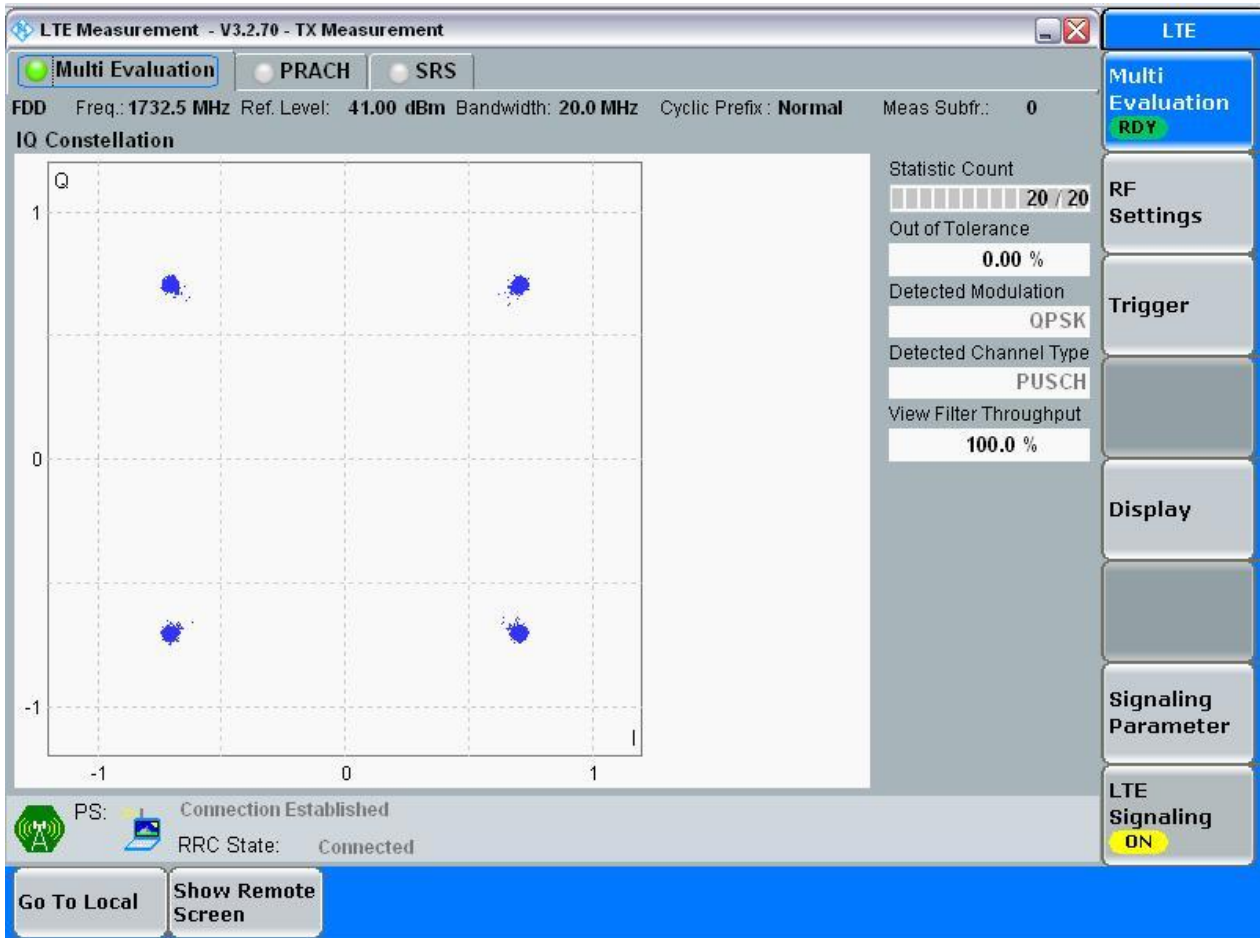
3.1.1.1.5.1.1 Test RB = RB75#0



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

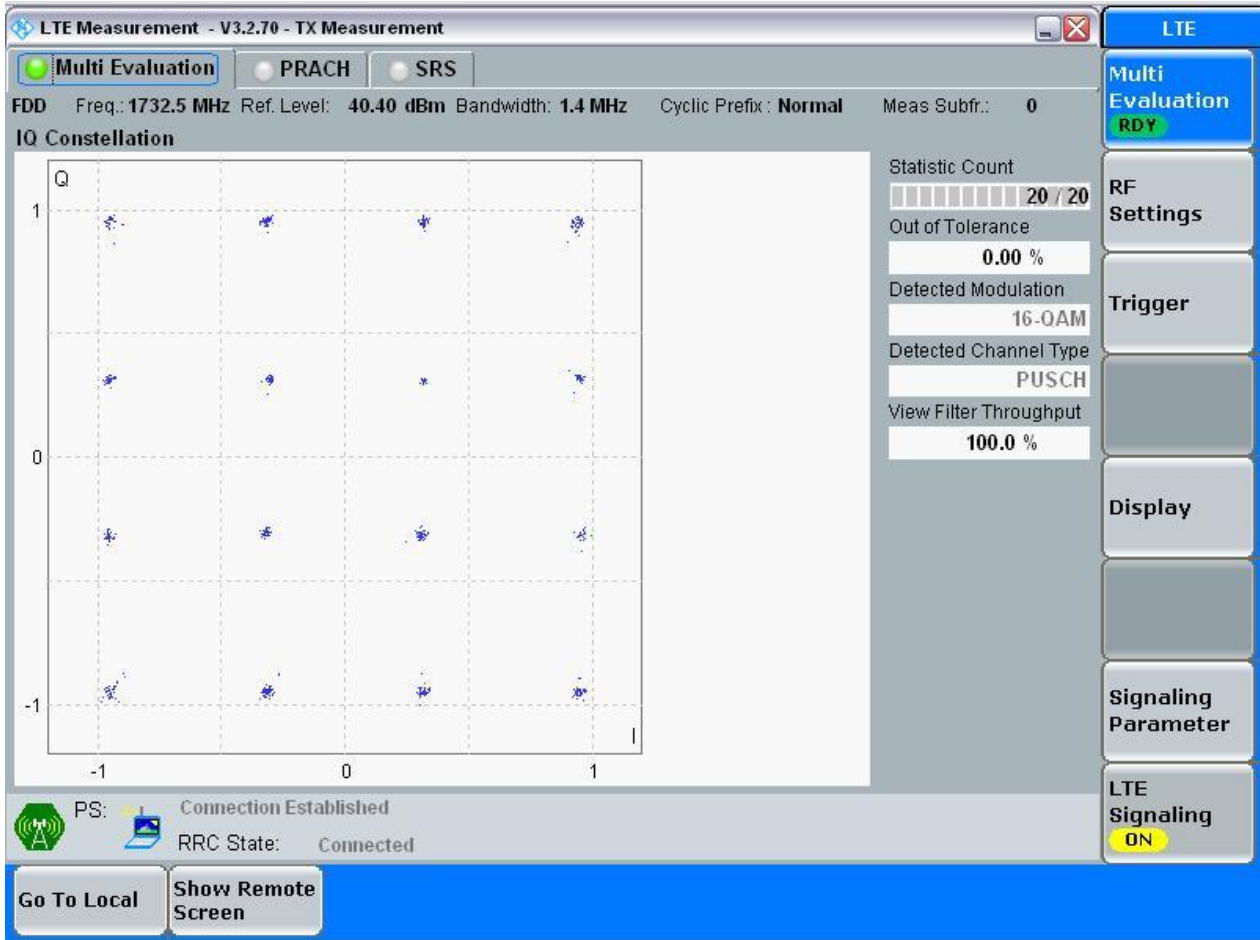


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

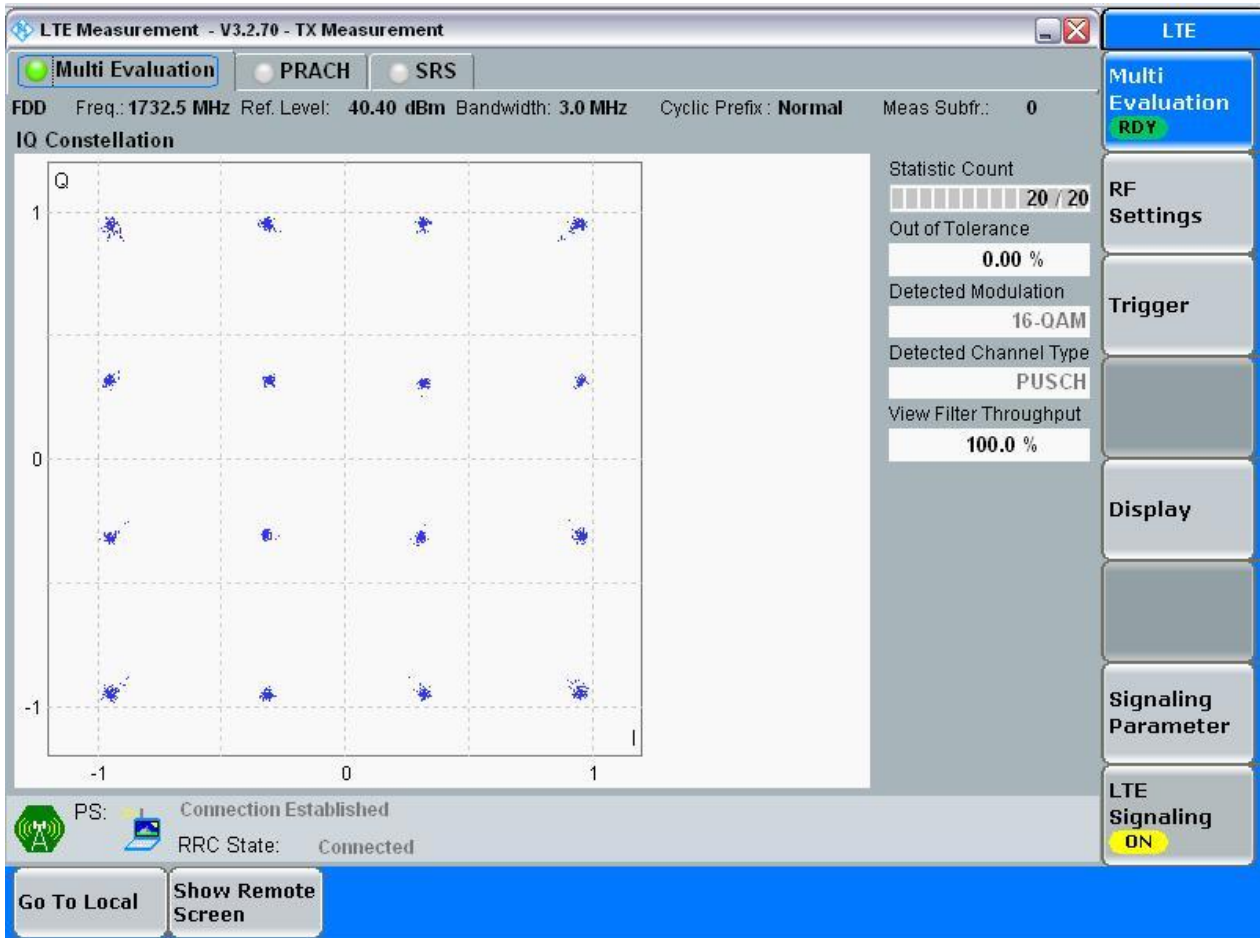
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

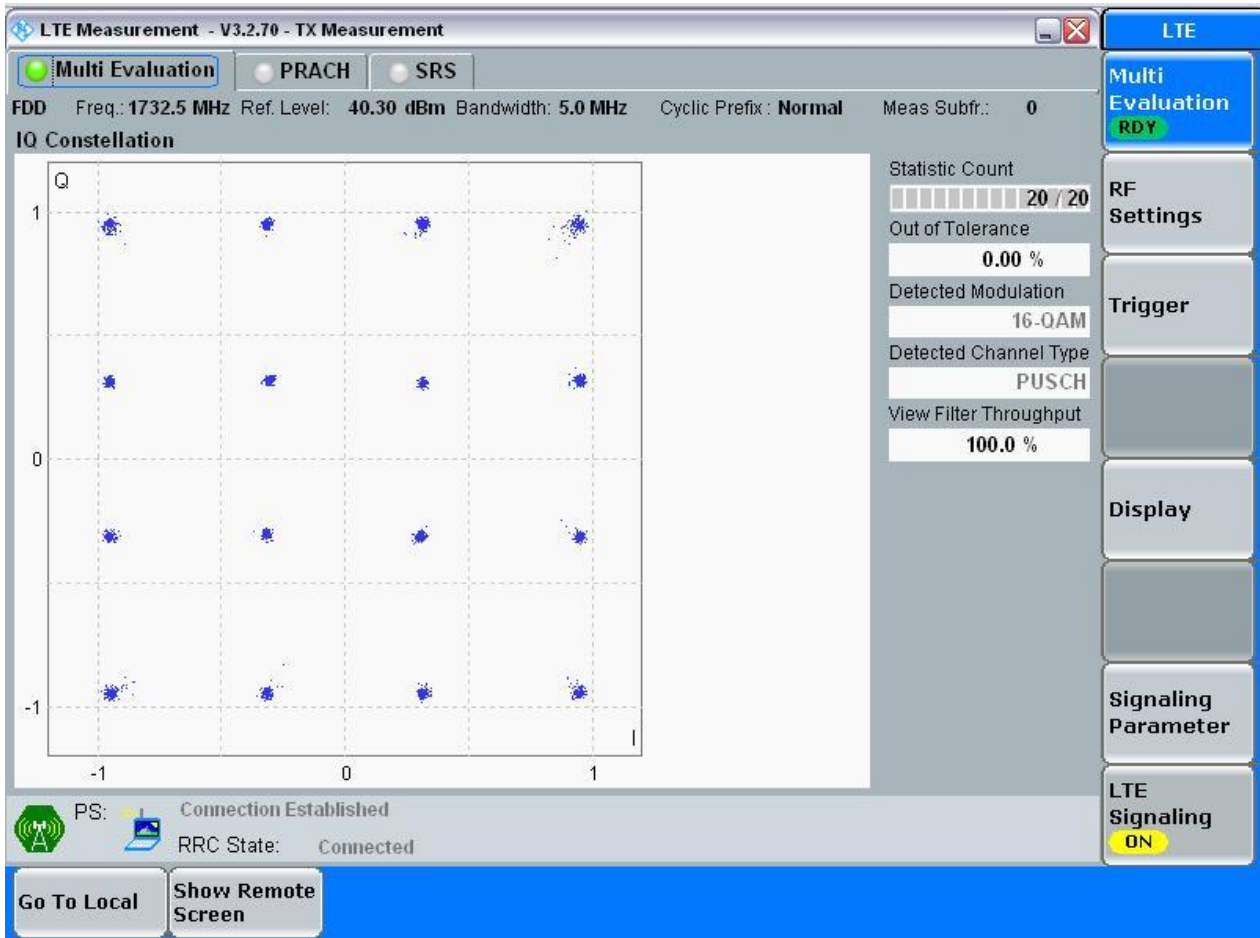
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

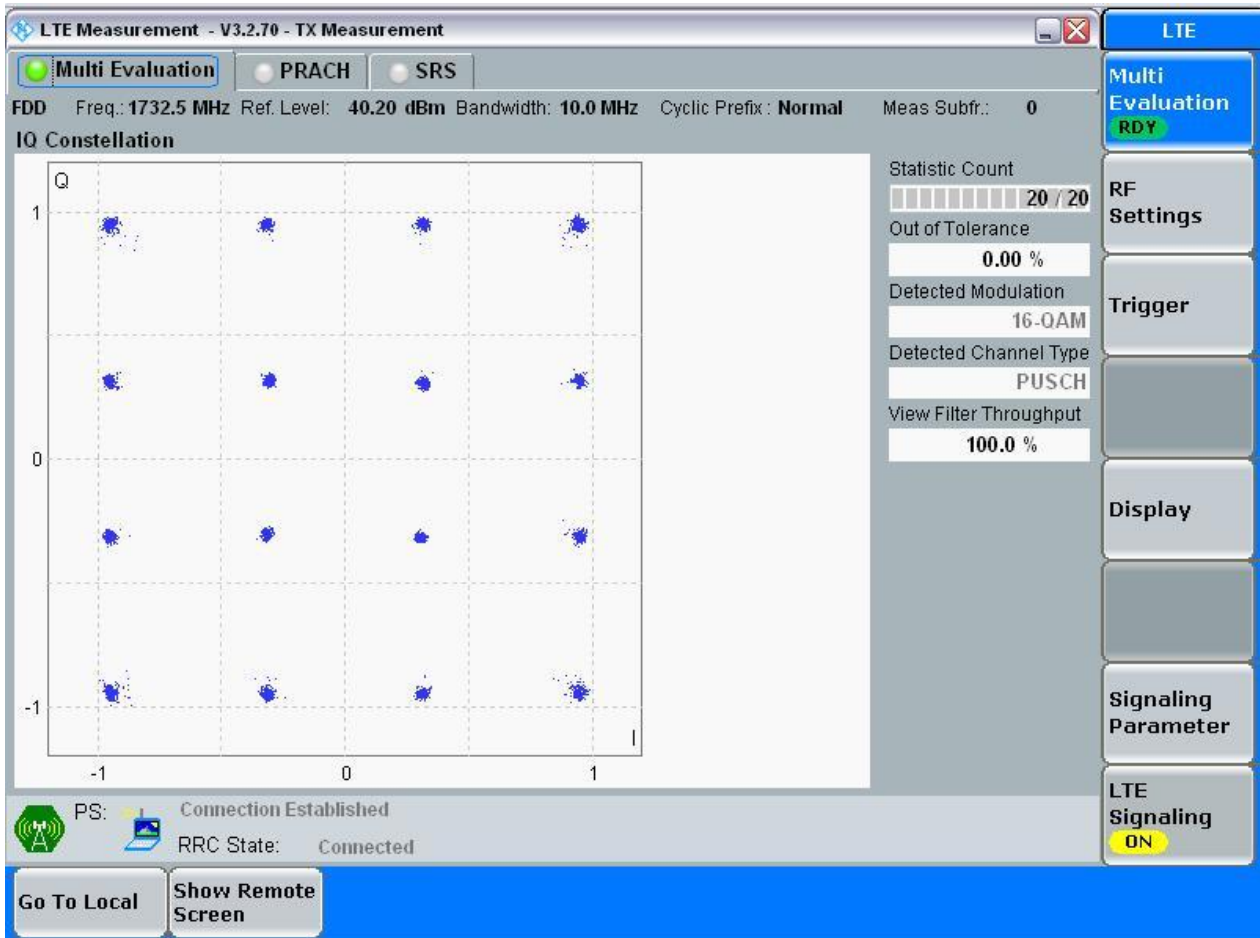
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

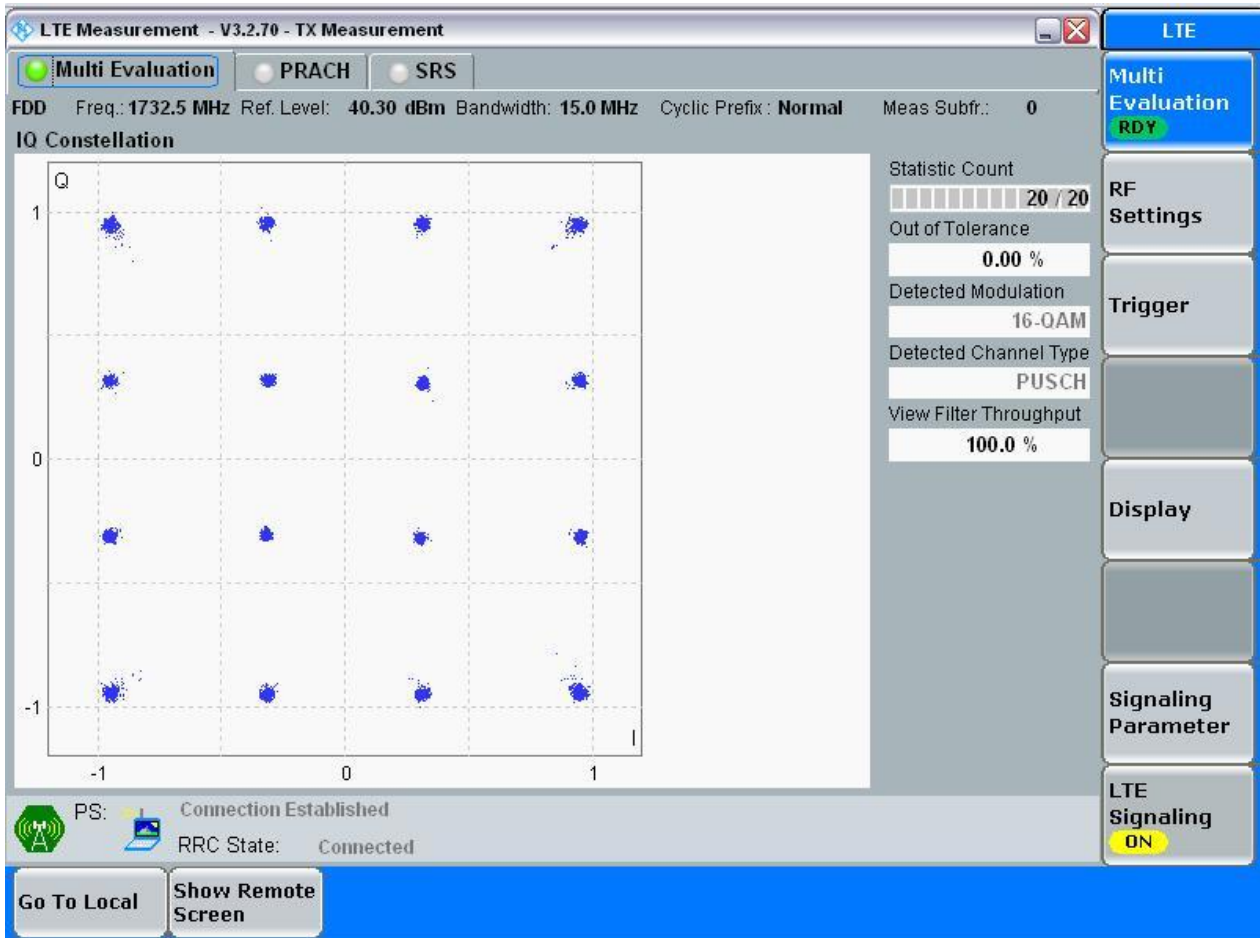
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

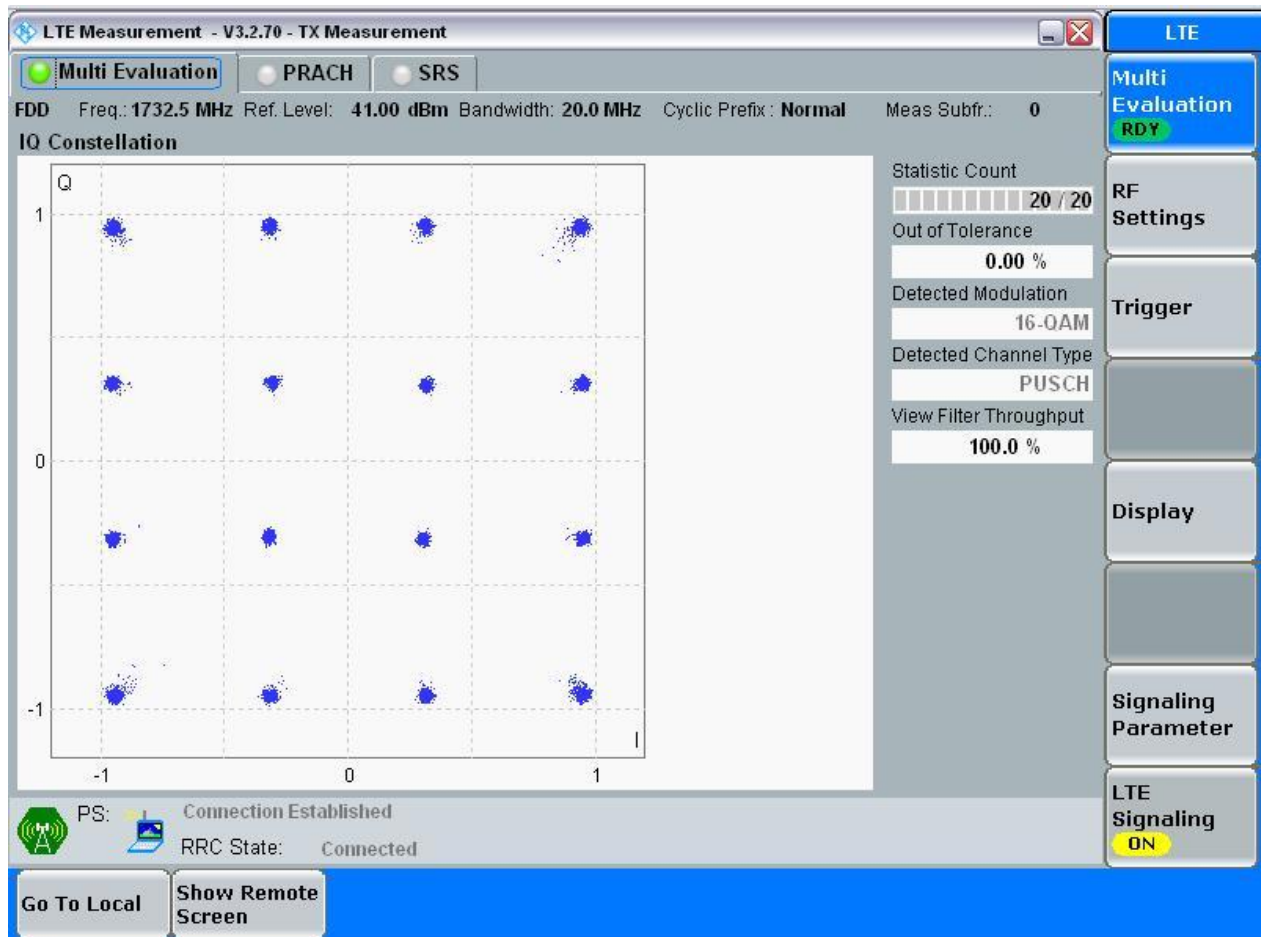
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.25	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.70	2.99	Pass
			HCH	RB15#0	2.70	3.00	Pass
		5	LCH	RB25#0	4.53	5.00	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	9.01	9.93	Pass
			MCH	RB50#0	8.99	9.92	Pass
			HCH	RB50#0	8.99	9.96	Pass
		15	LCH	RB75#0	13.49	15.06	Pass
			MCH	RB75#0	13.52	14.97	Pass
			HCH	RB75#0	13.50	15.02	Pass
		20	LCH	RB100#0	17.94	19.76	Pass
			MCH	RB100#0	18.00	19.75	Pass
			HCH	RB100#0	17.96	19.74	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.71	3.00	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.71	2.98	Pass
5		LCH	RB25#0	4.52	4.99	Pass	
		MCH	RB25#0	4.51	4.94	Pass	
		HCH	RB25#0	4.52	4.99	Pass	
10		LCH	RB50#0	9.00	9.99	Pass	
		MCH	RB50#0	9.01	9.90	Pass	
		HCH	RB50#0	9.00	9.92	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.47	15.10	Pass
			MCH	RB75#0	13.50	15.07	Pass
			HCH	RB75#0	13.48	15.08	Pass
		20	LCH	RB100#0	17.93	19.71	Pass
			MCH	RB100#0	17.95	19.76	Pass
			HCH	RB100#0	18.00	19.82	Pass



Part II - Test Plots

4.1 For LTE

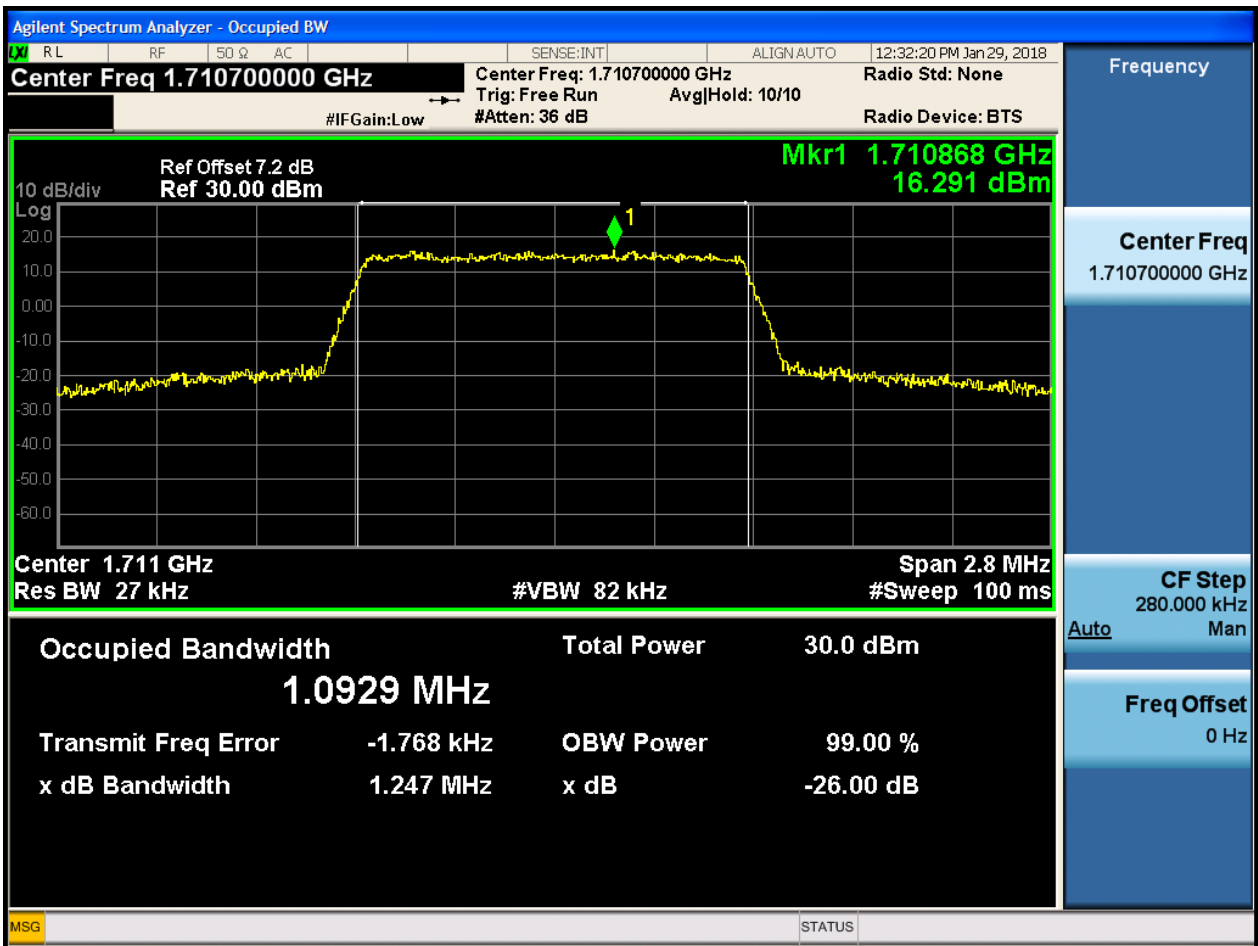
4.1.1 Test Band = BAND4

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

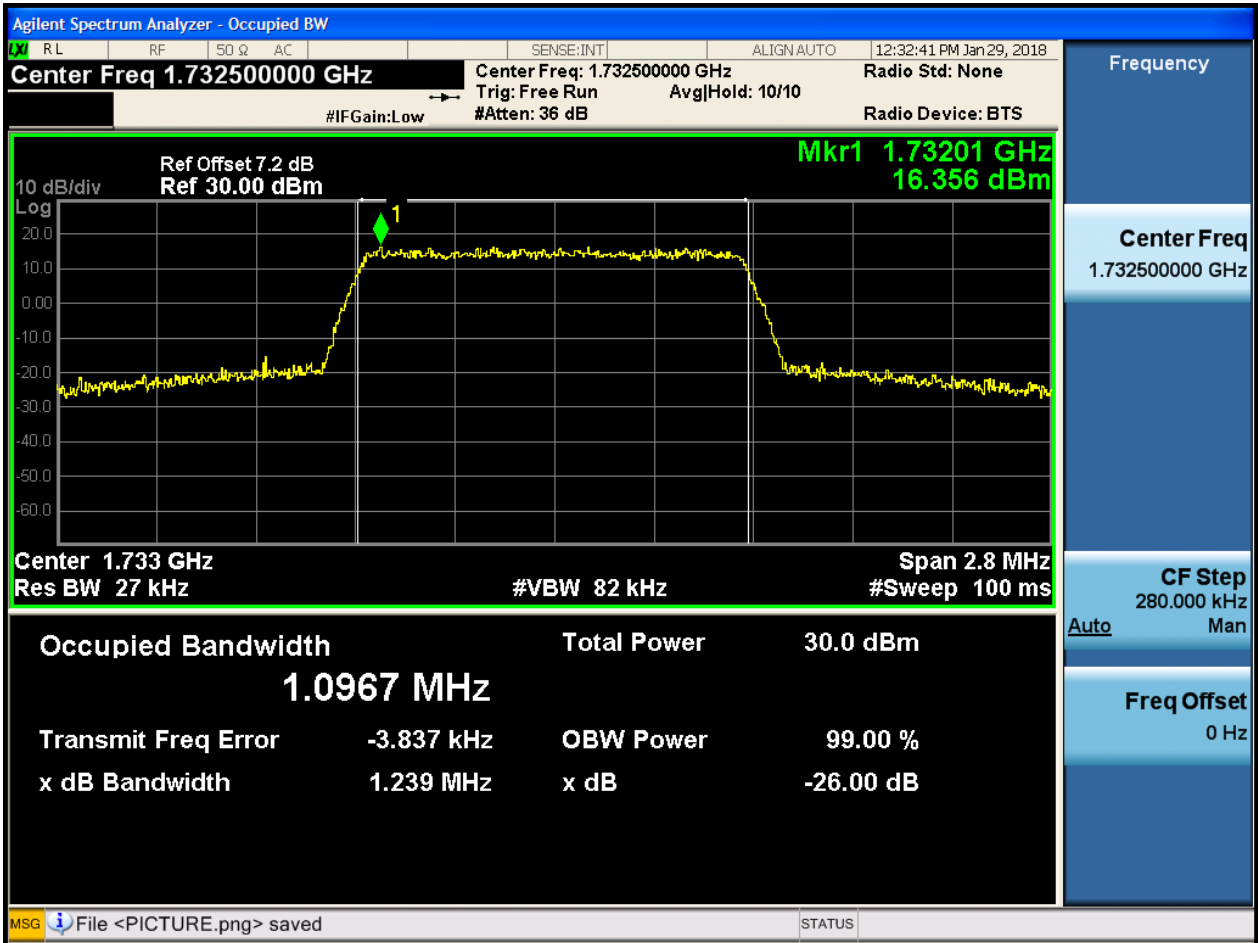
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

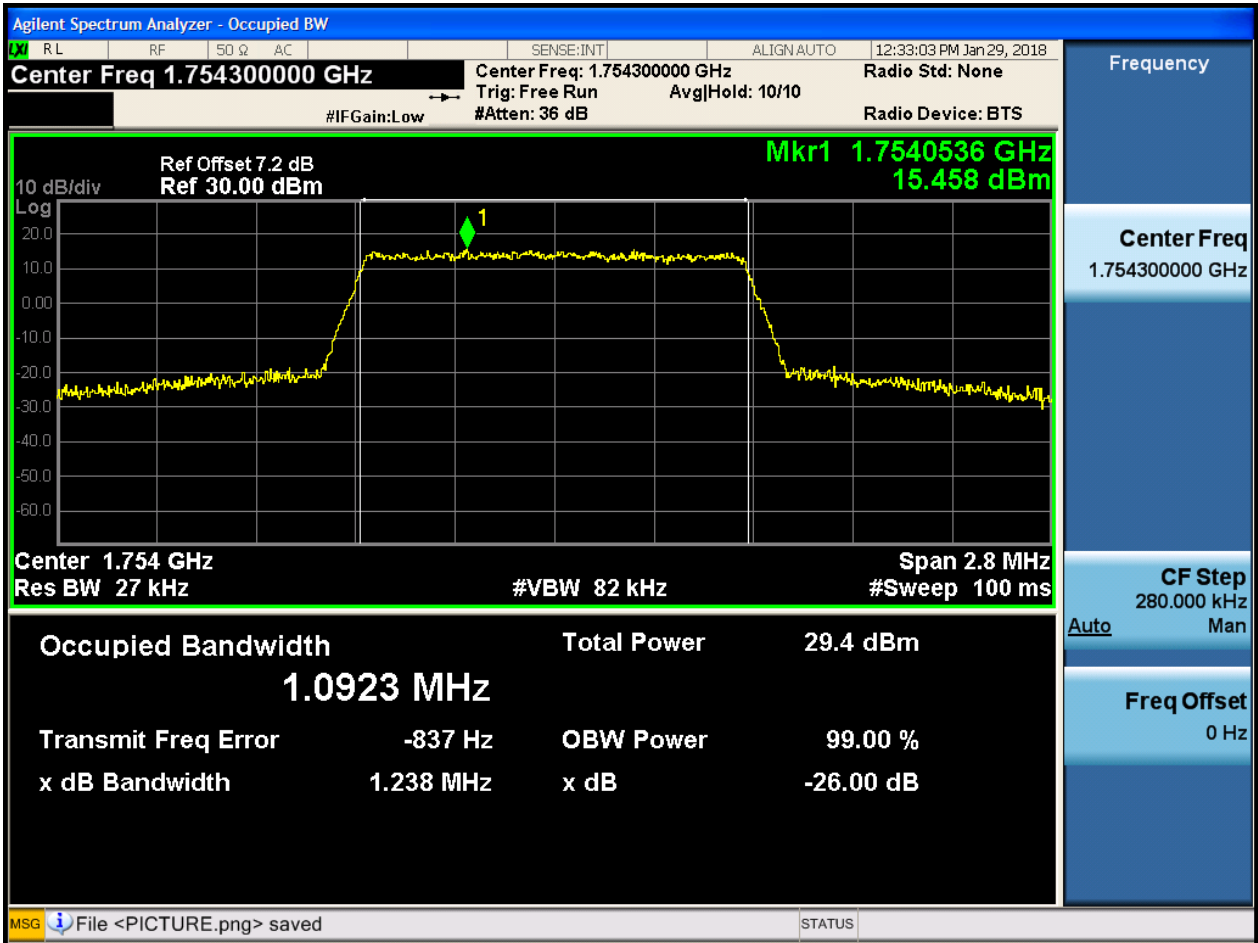
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

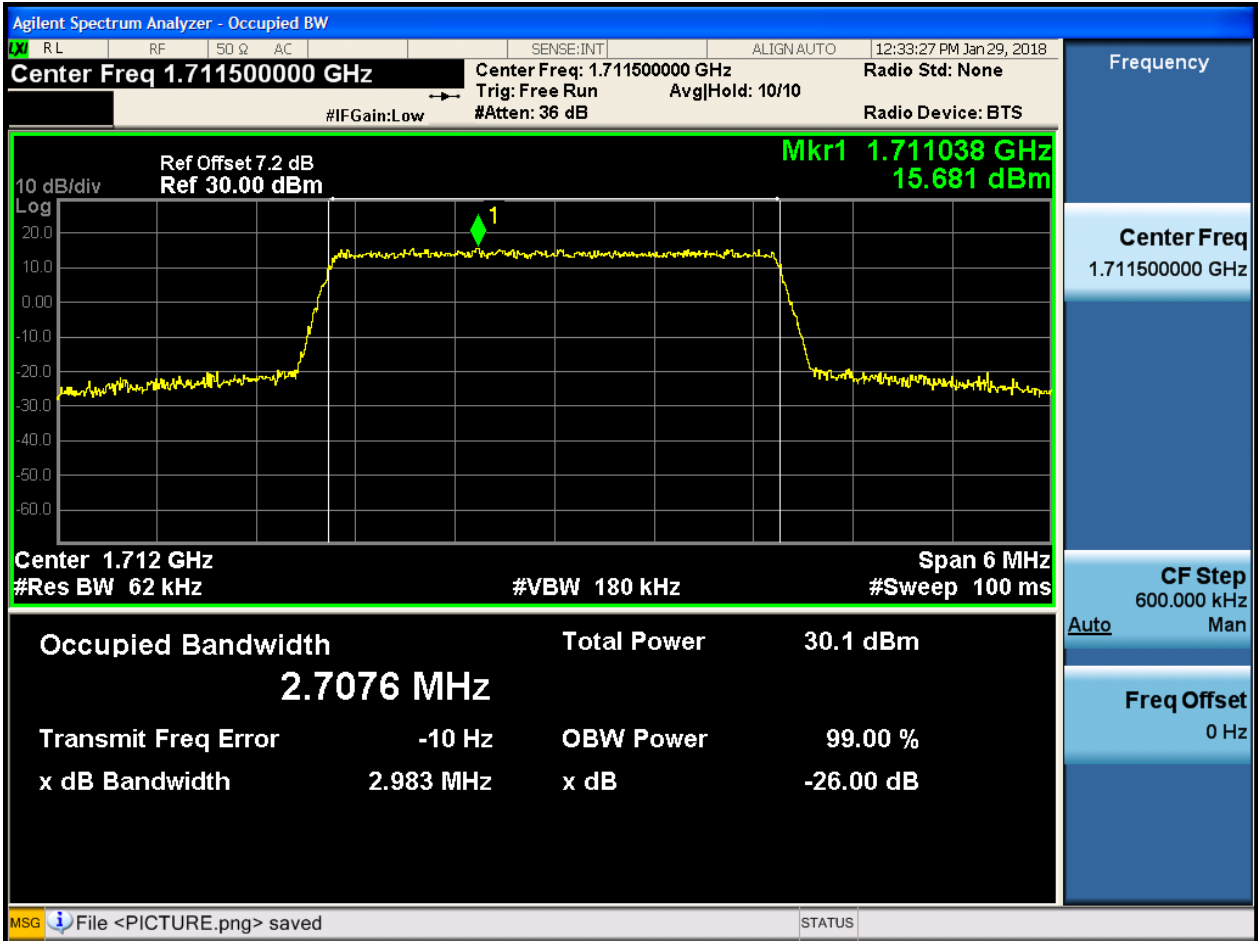




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

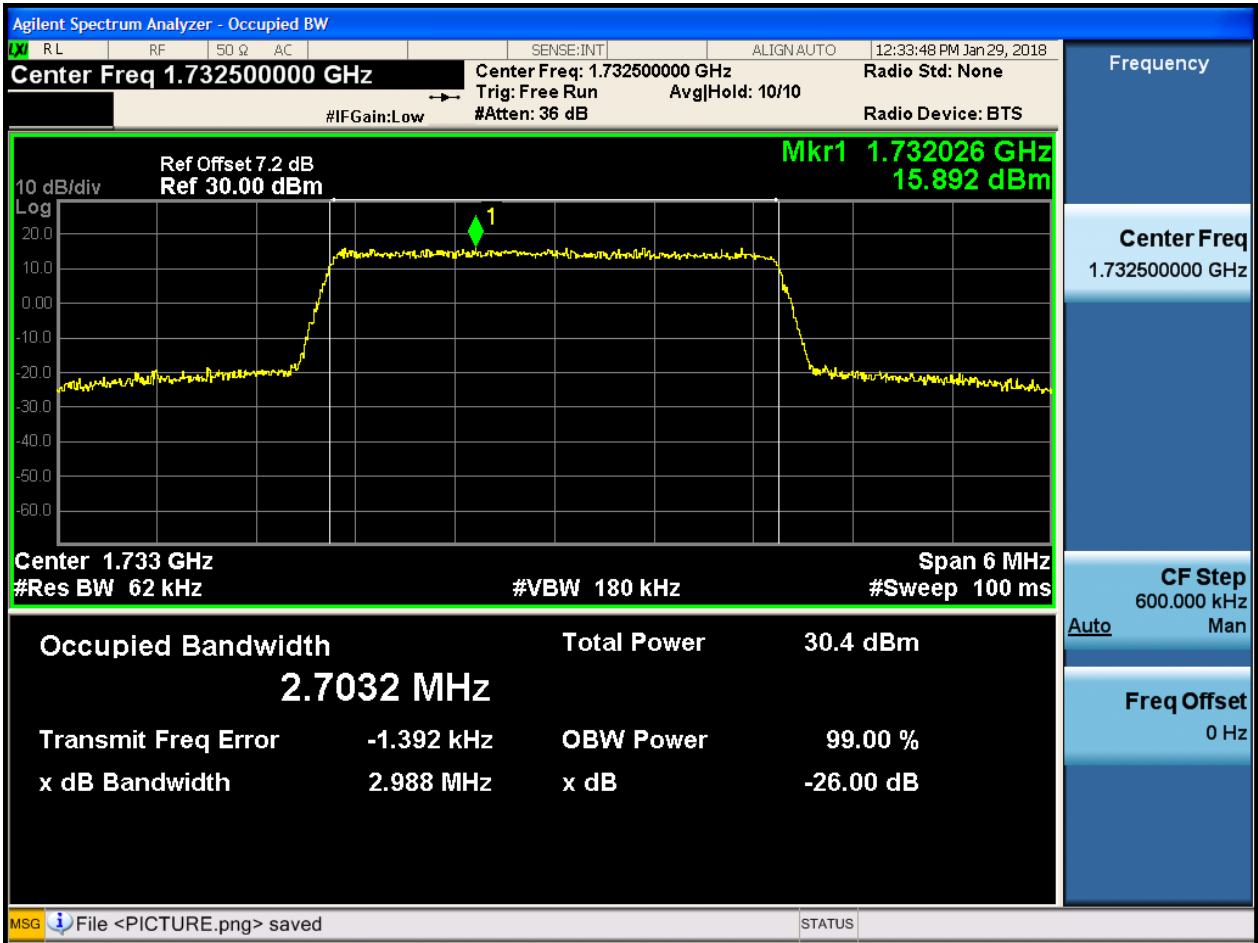
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

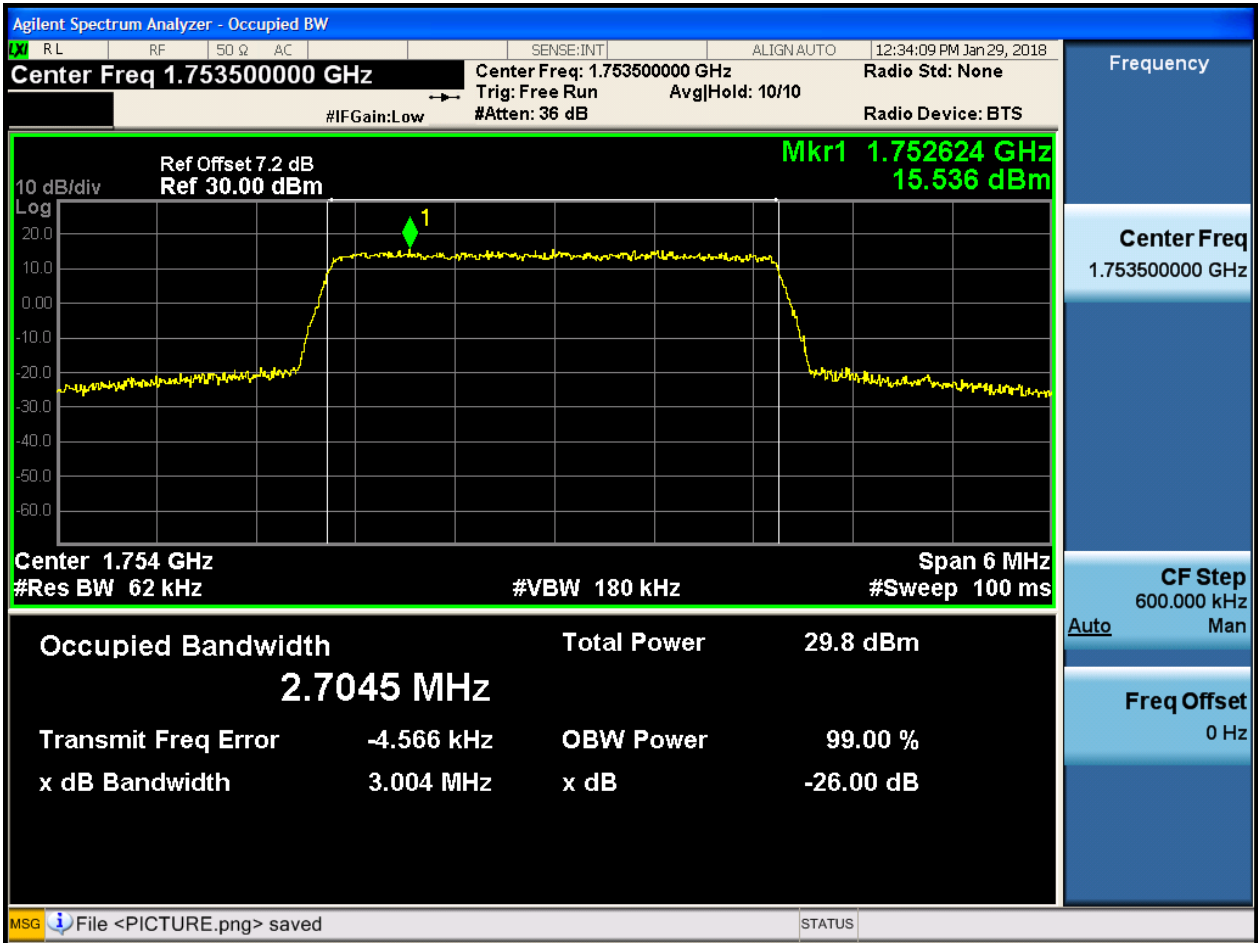
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

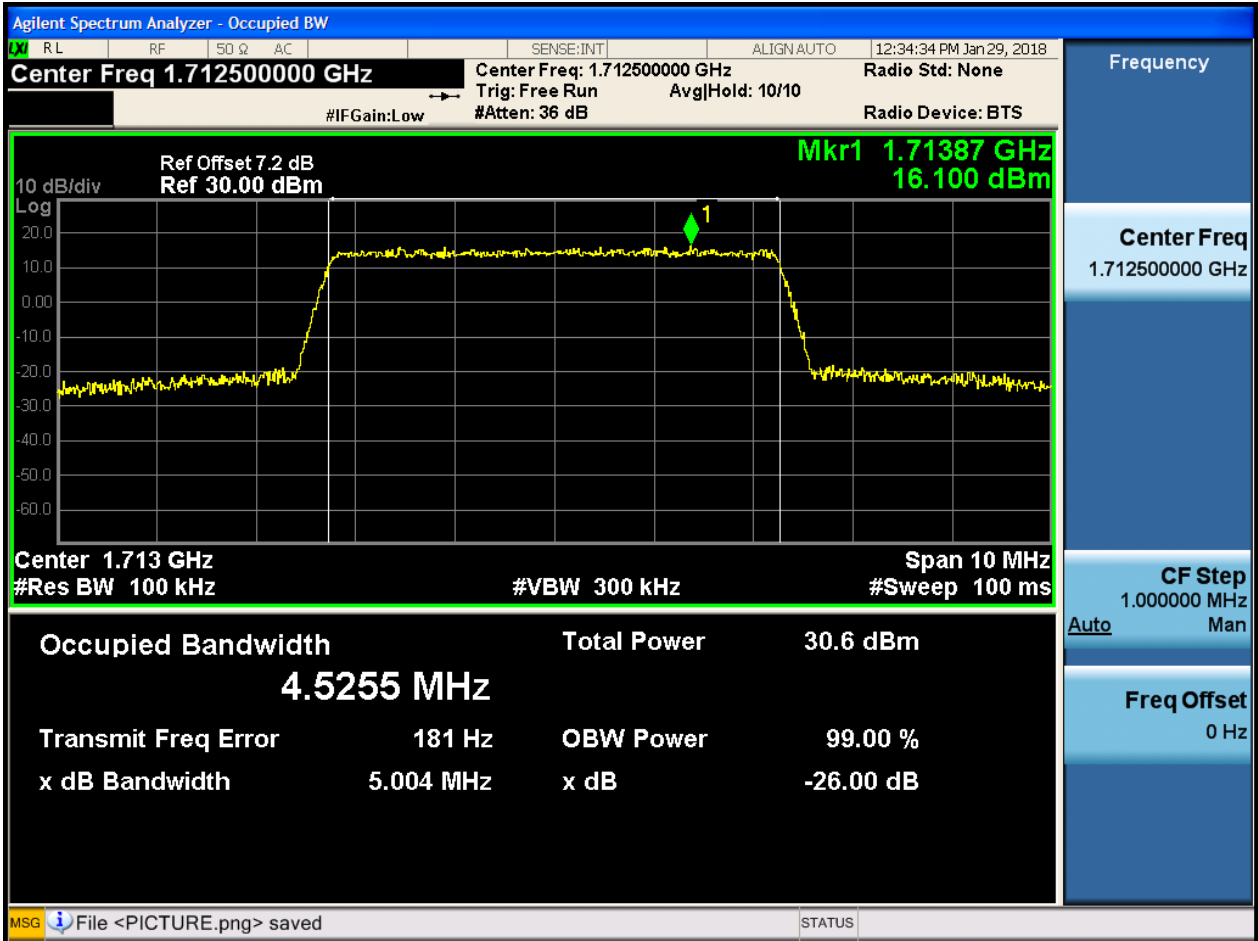




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

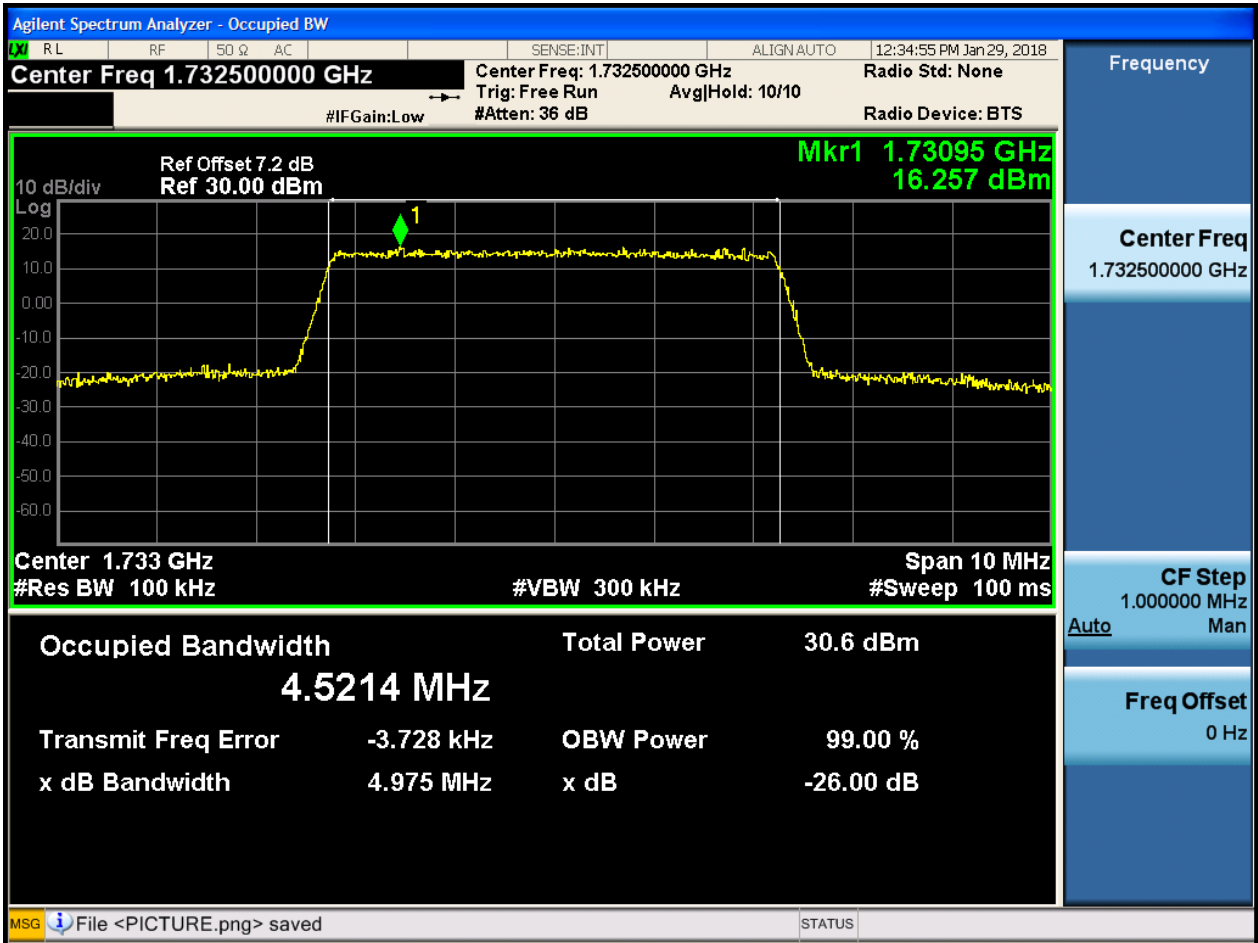
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

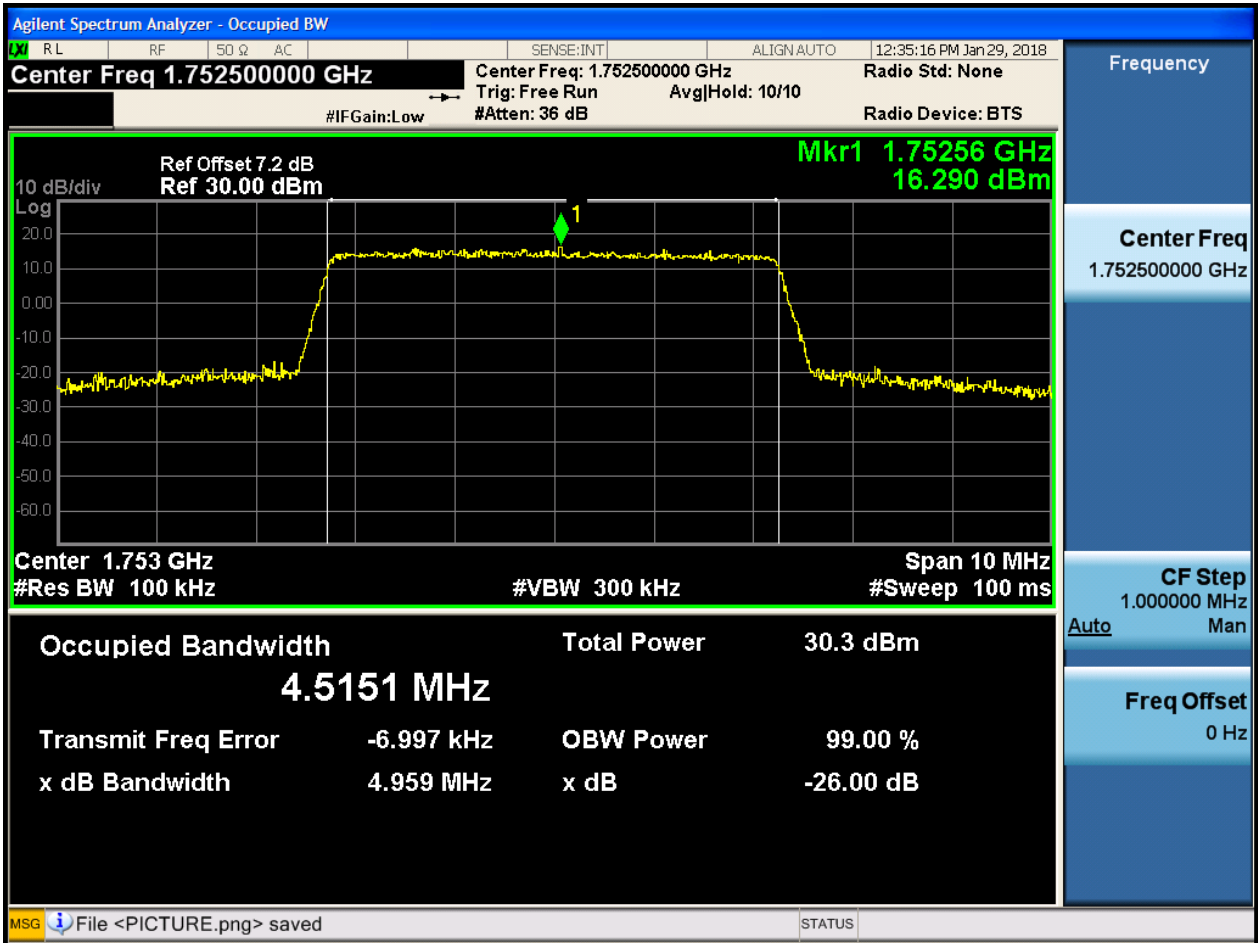
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

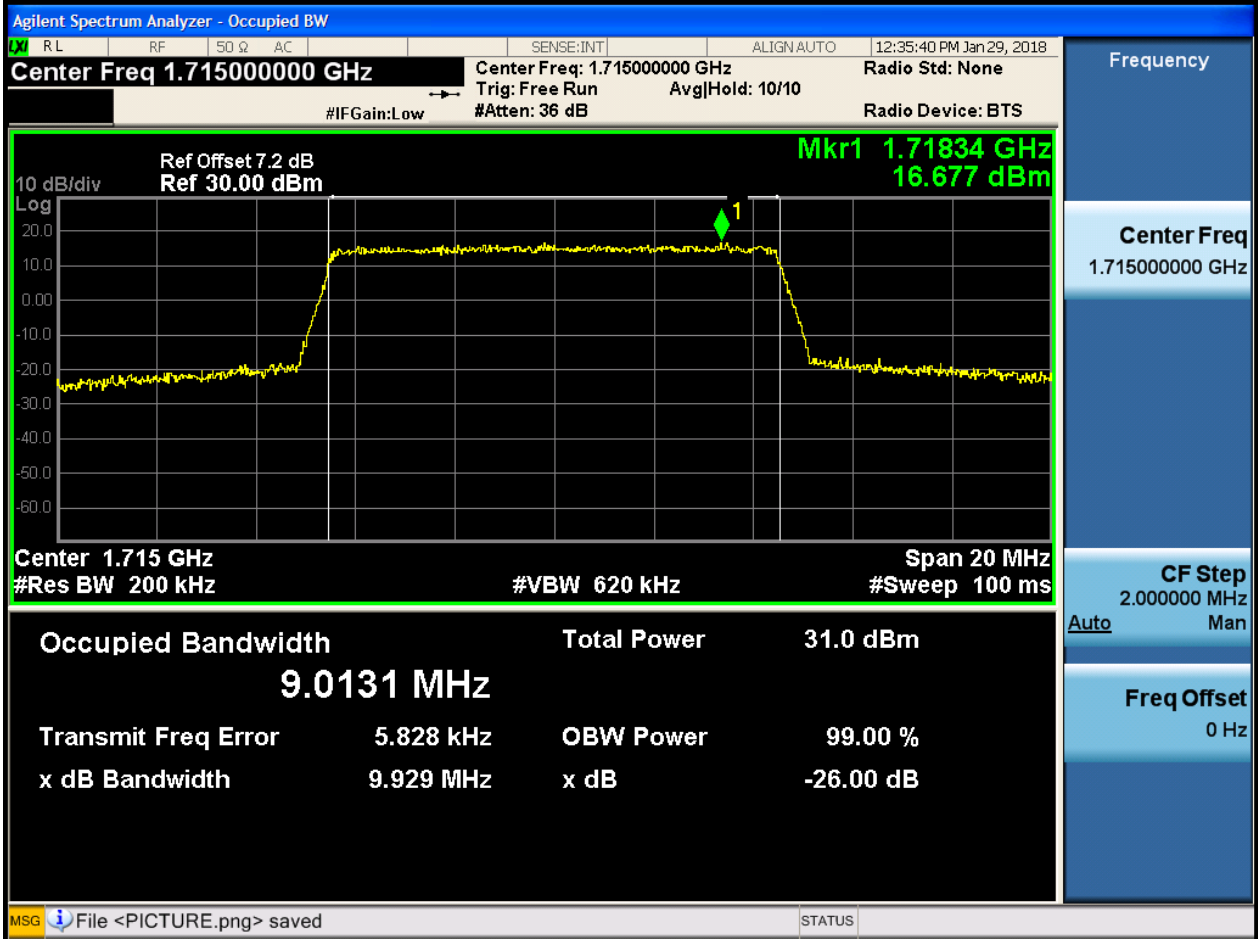




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

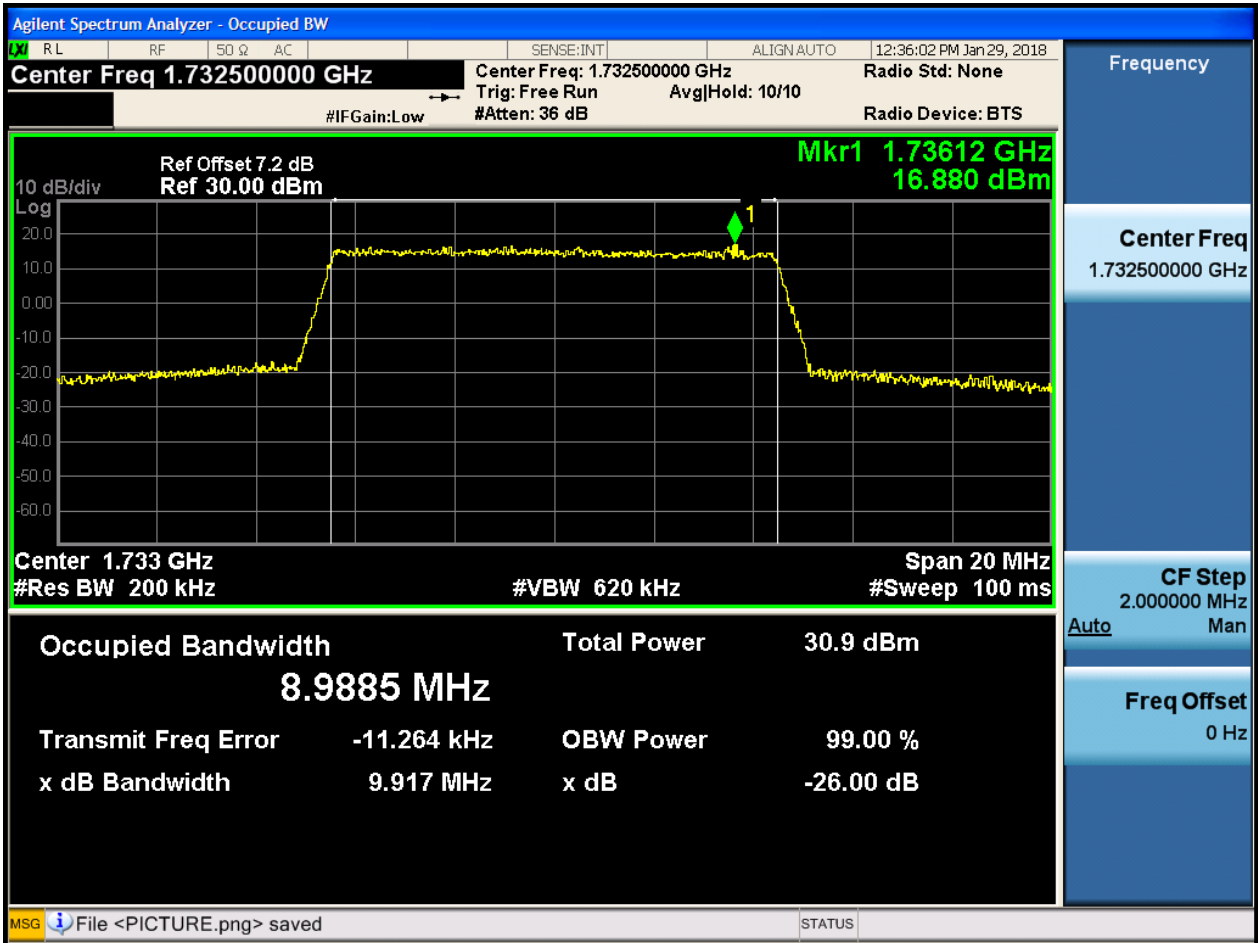
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

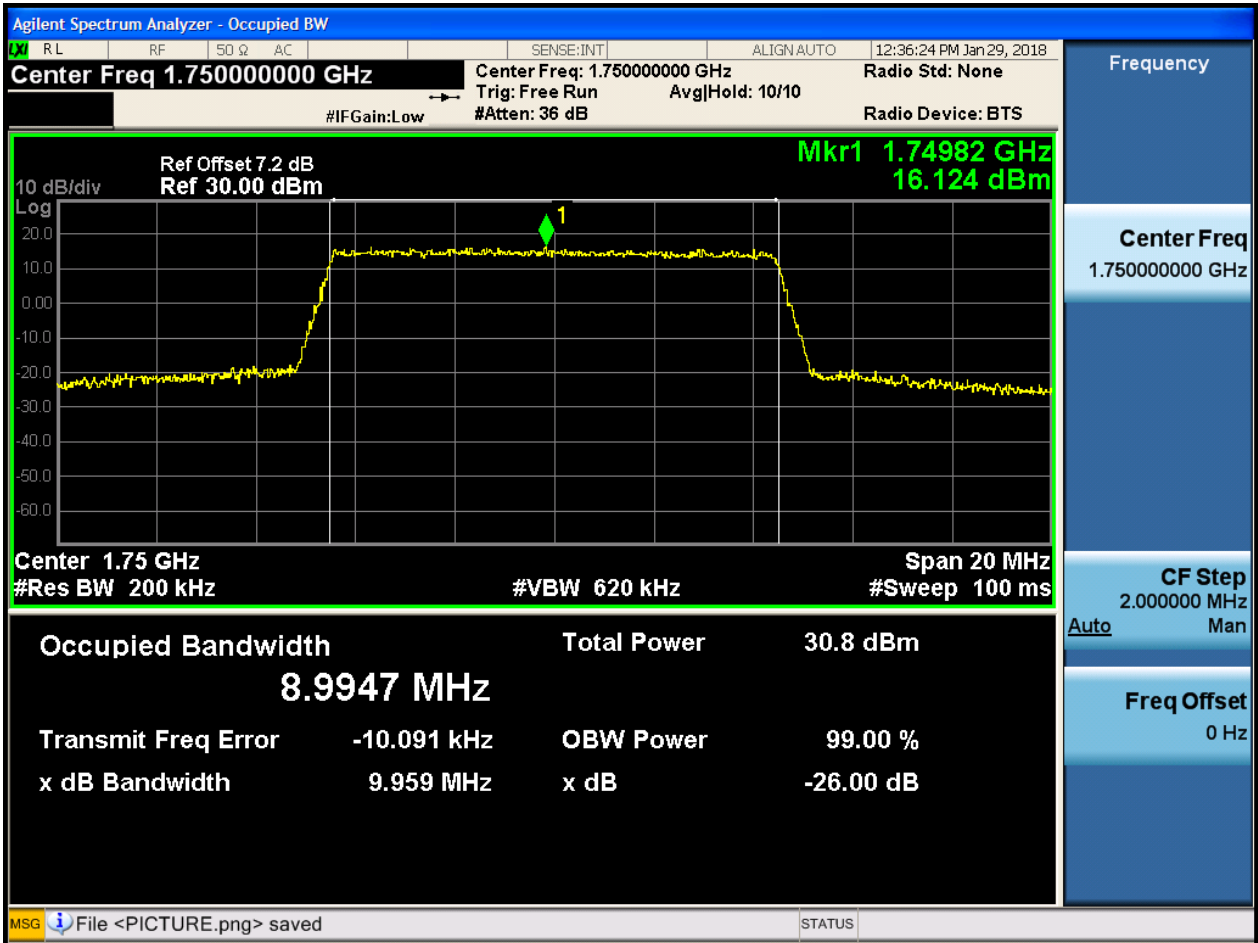
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

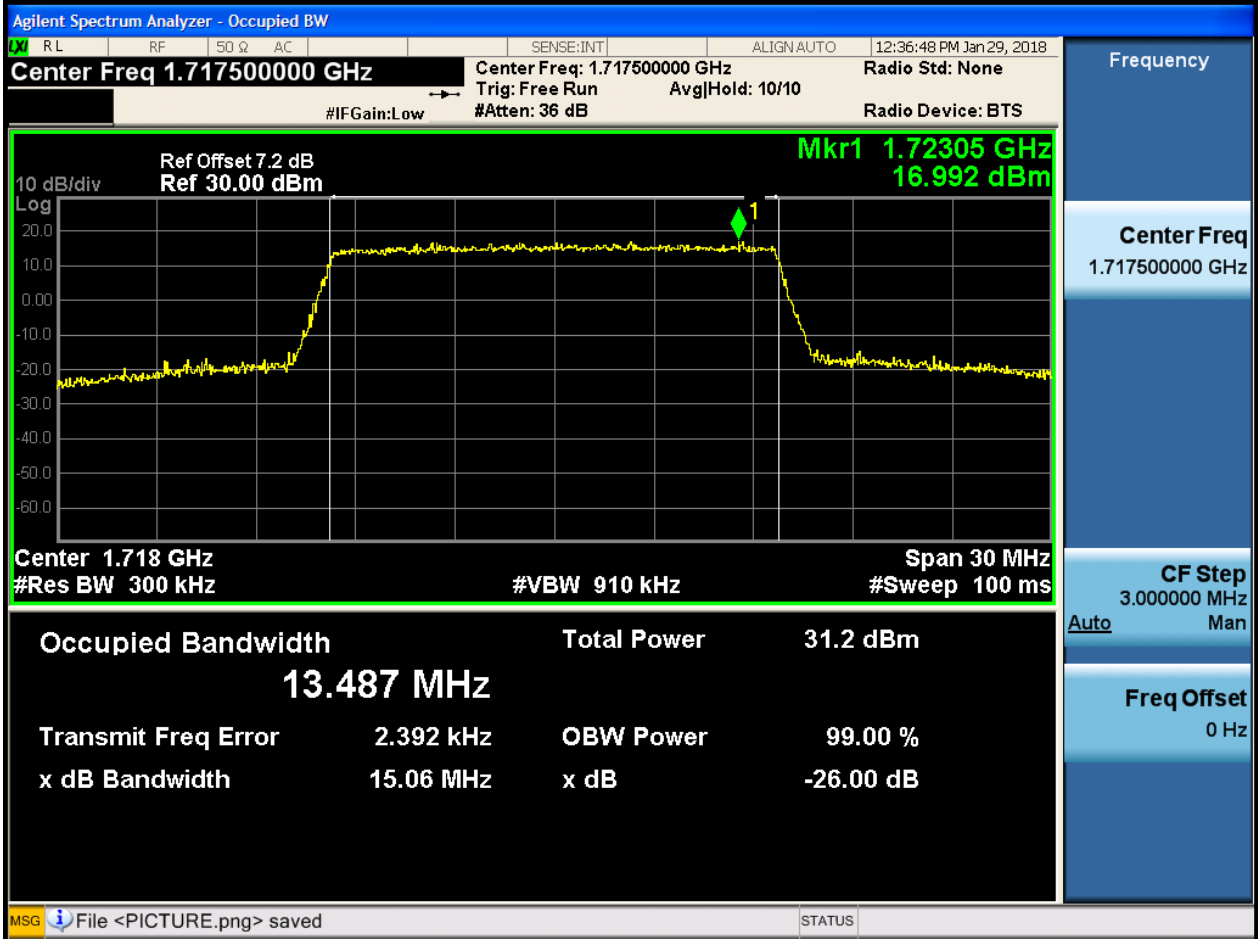




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

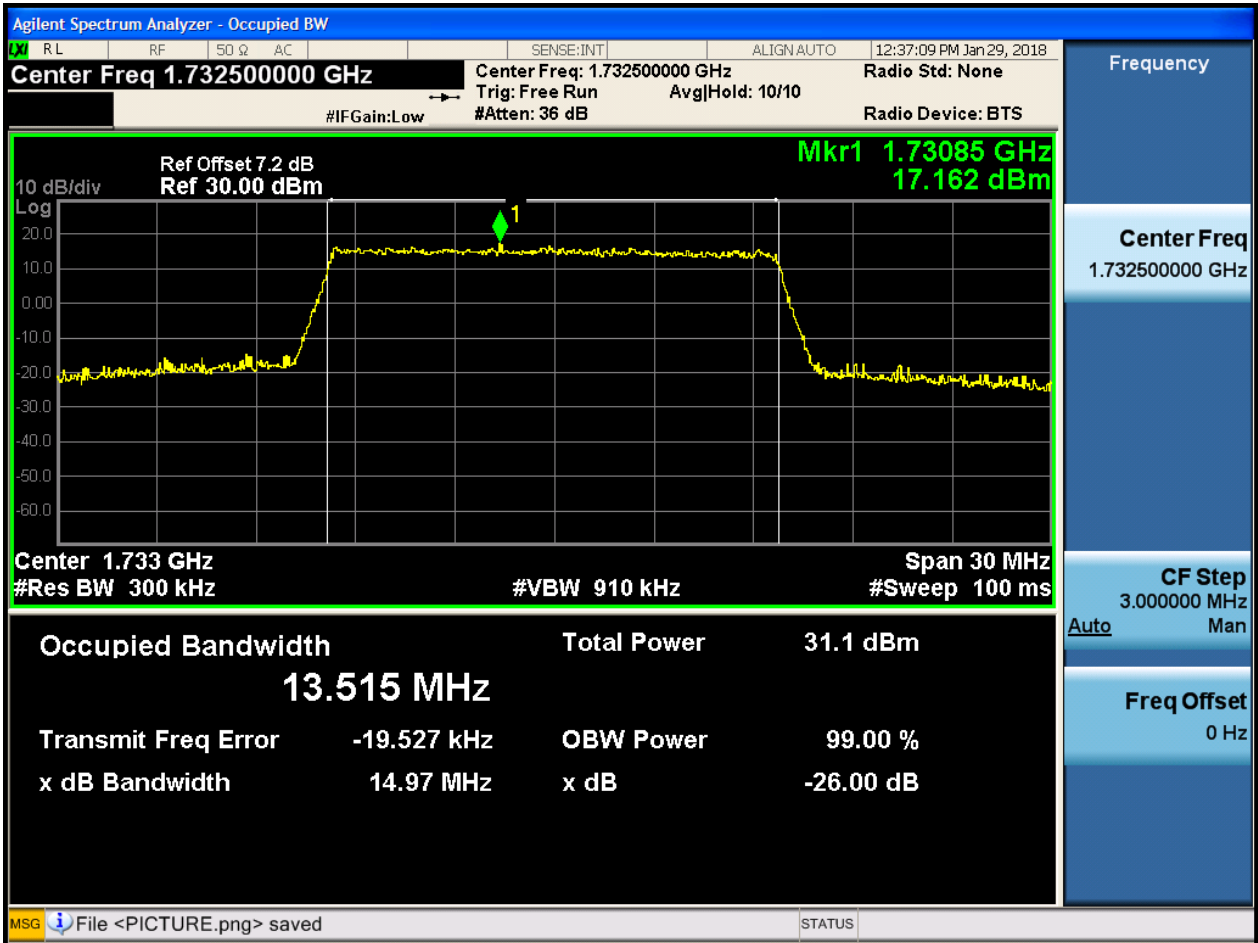
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

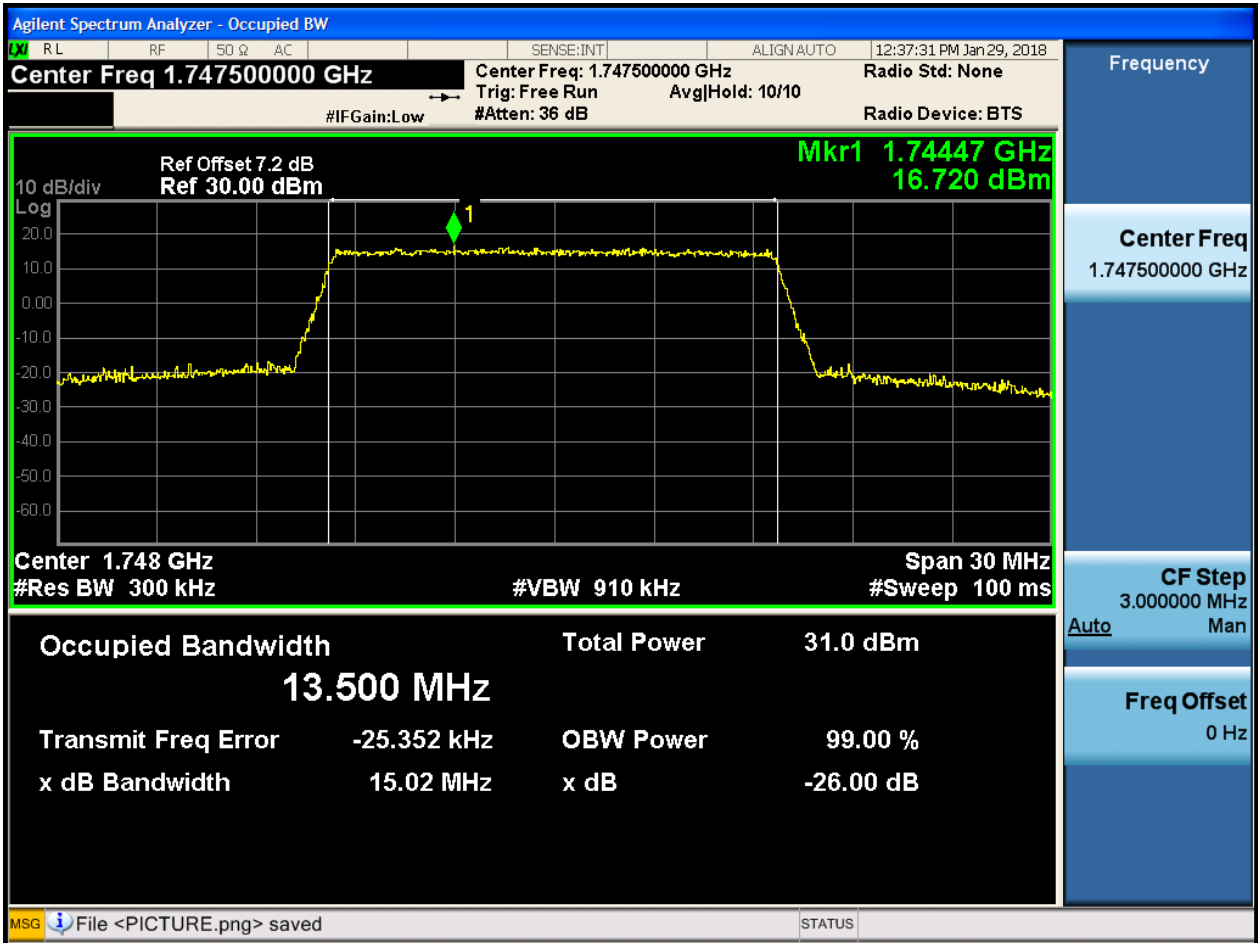
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

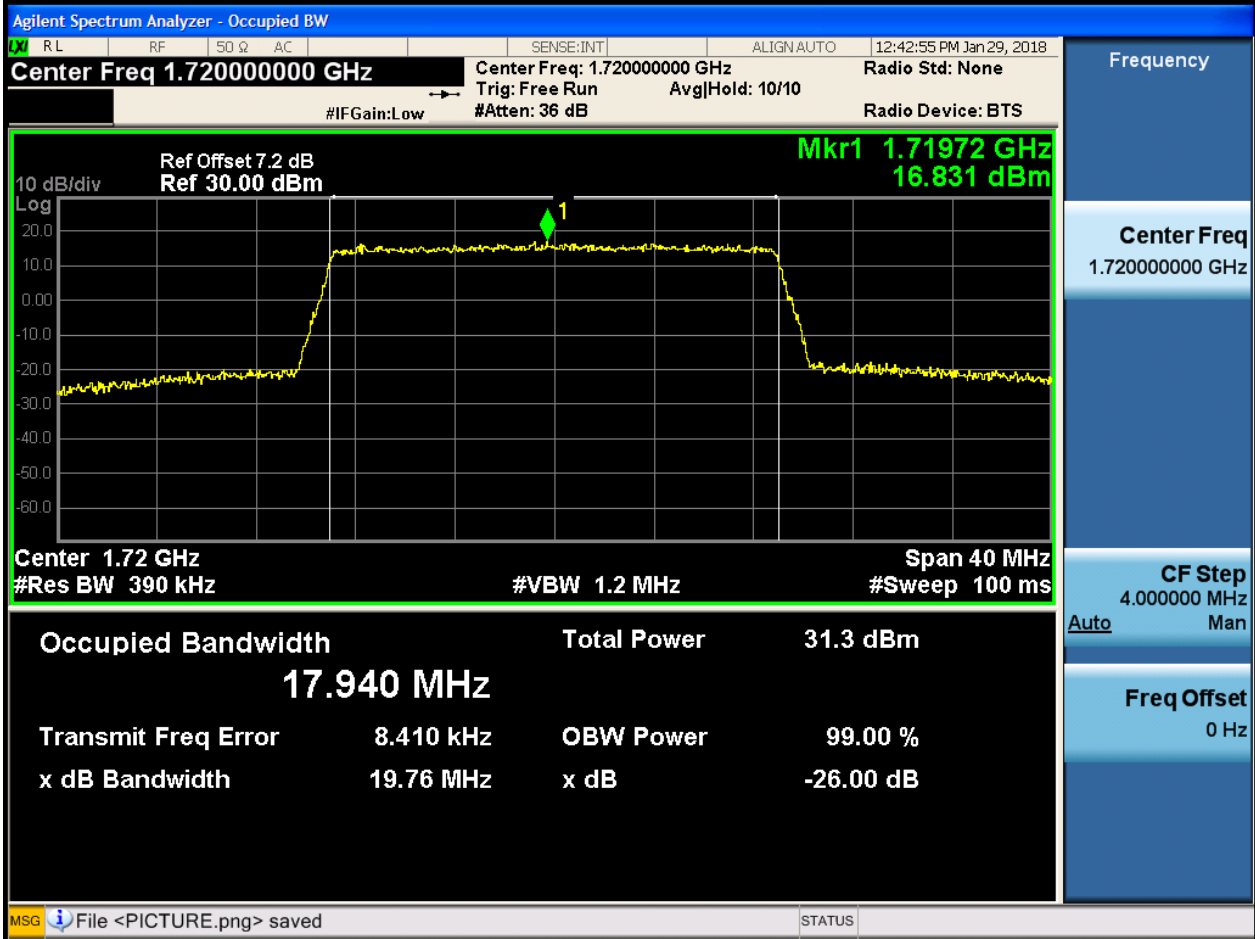




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

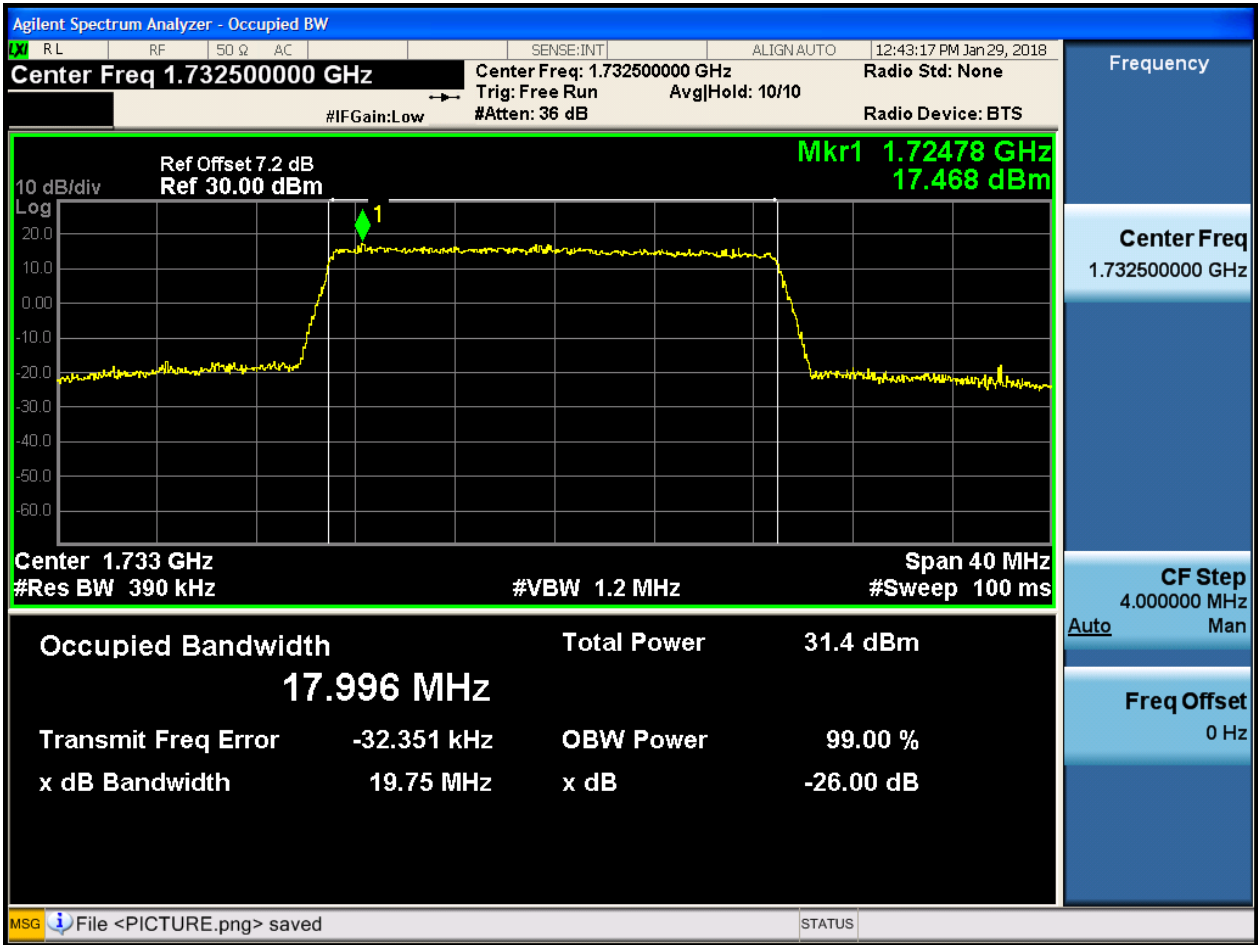
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

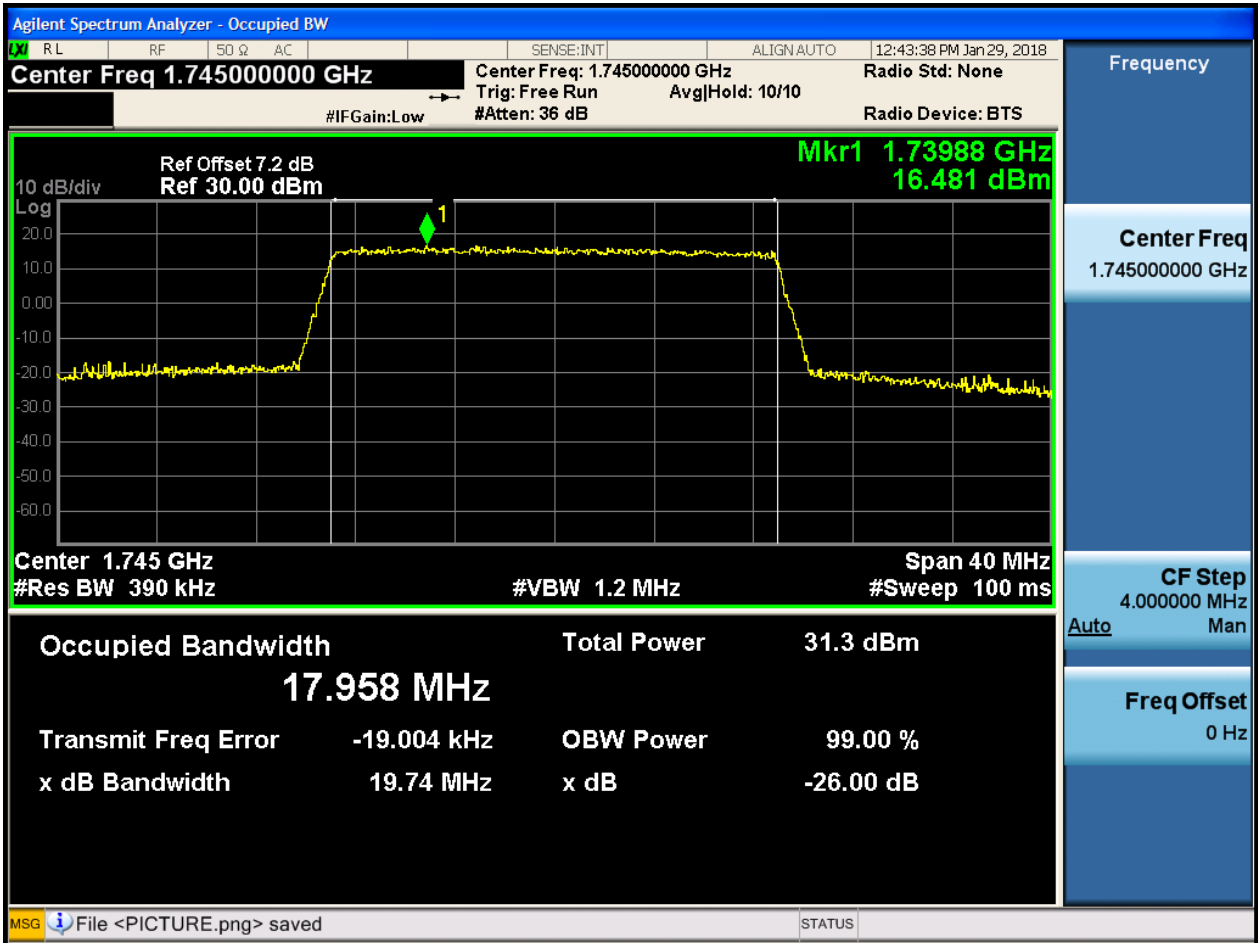
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



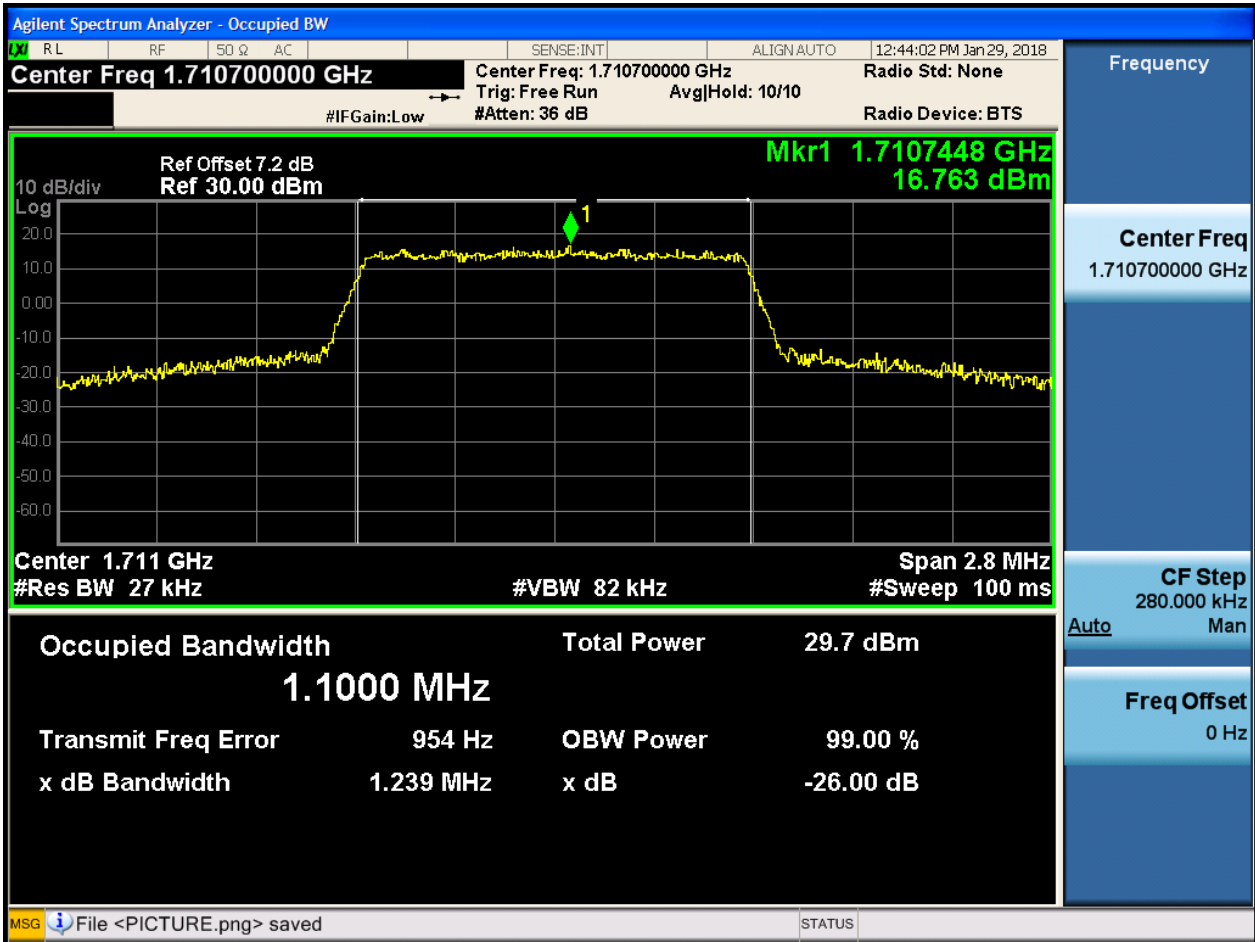


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

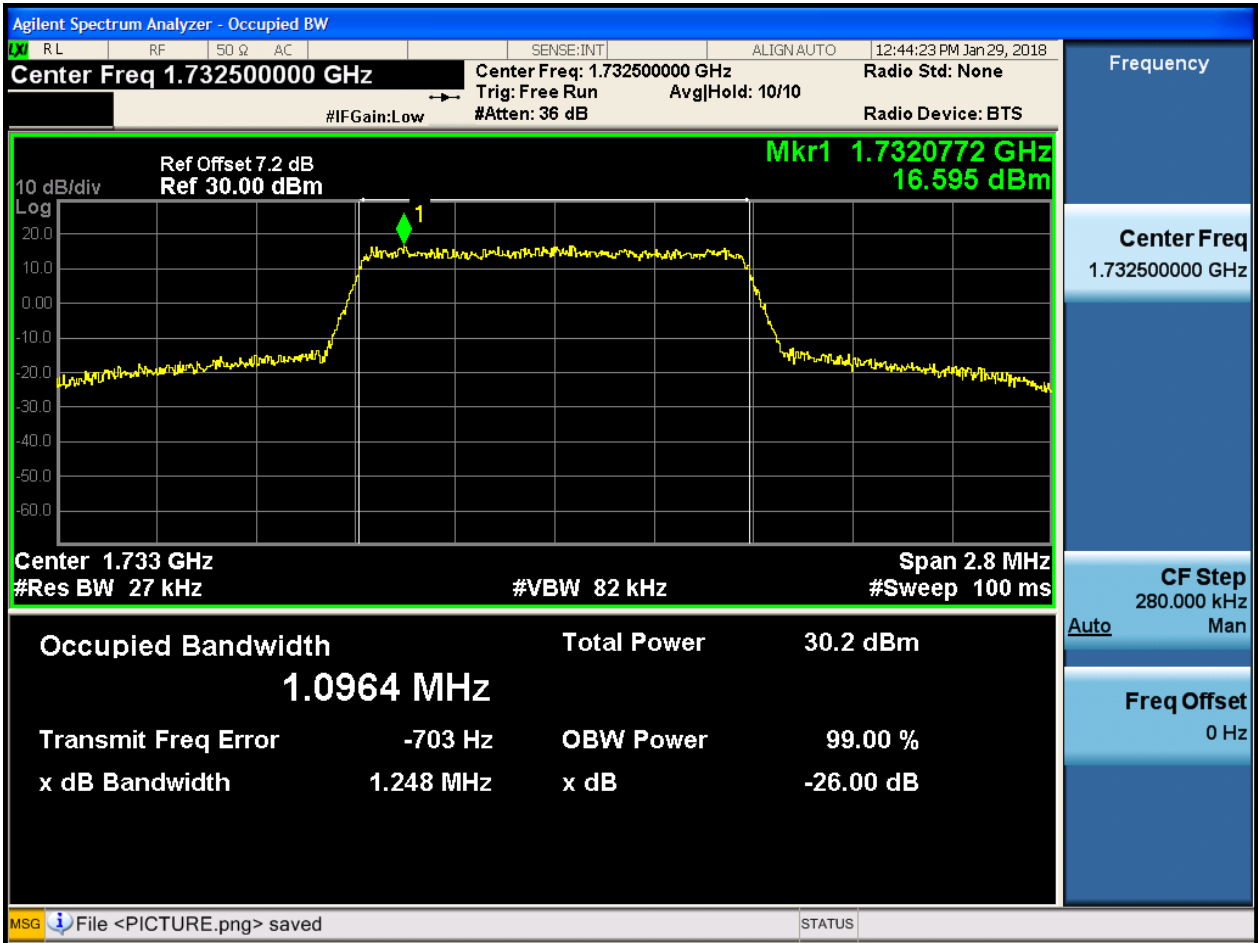
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

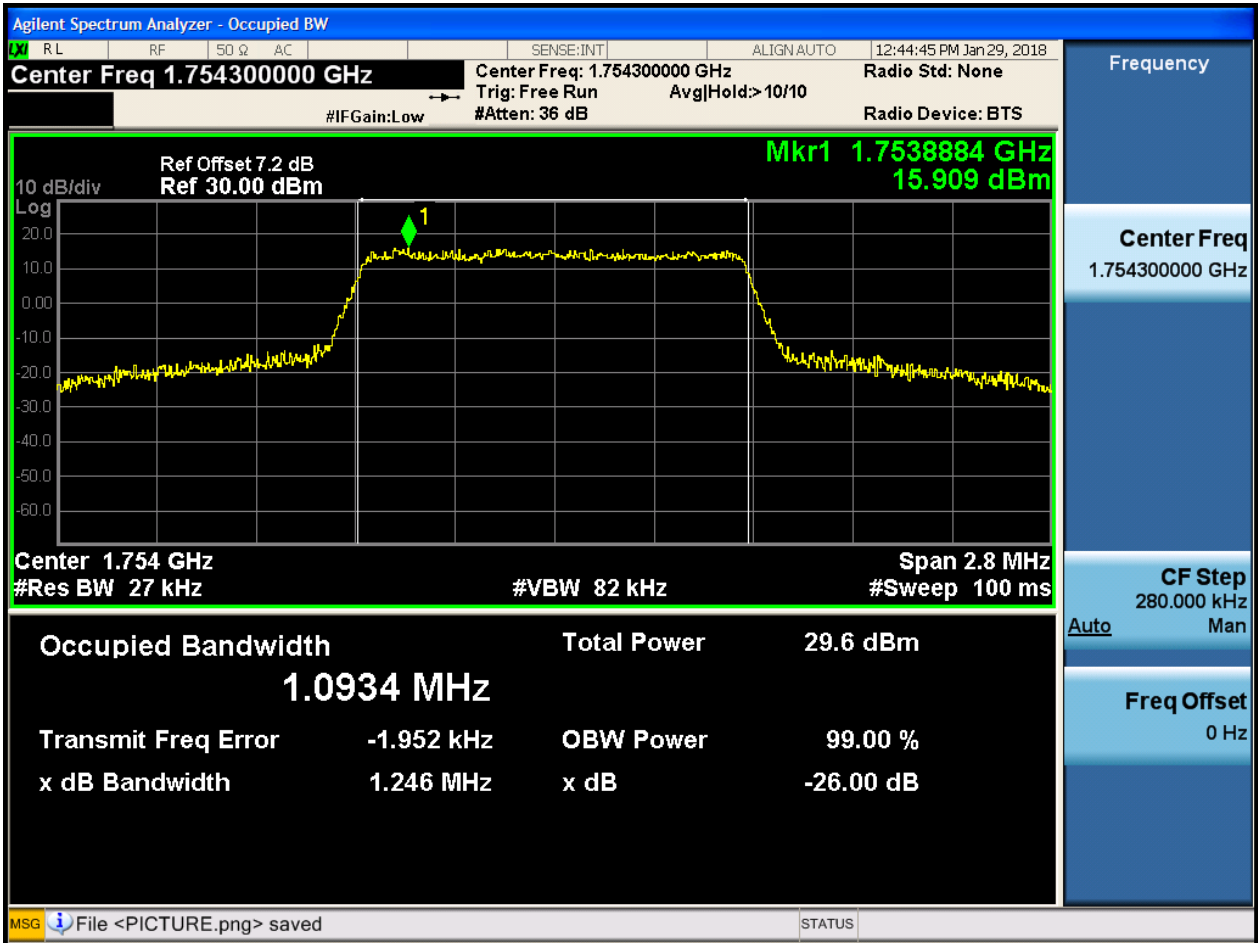
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

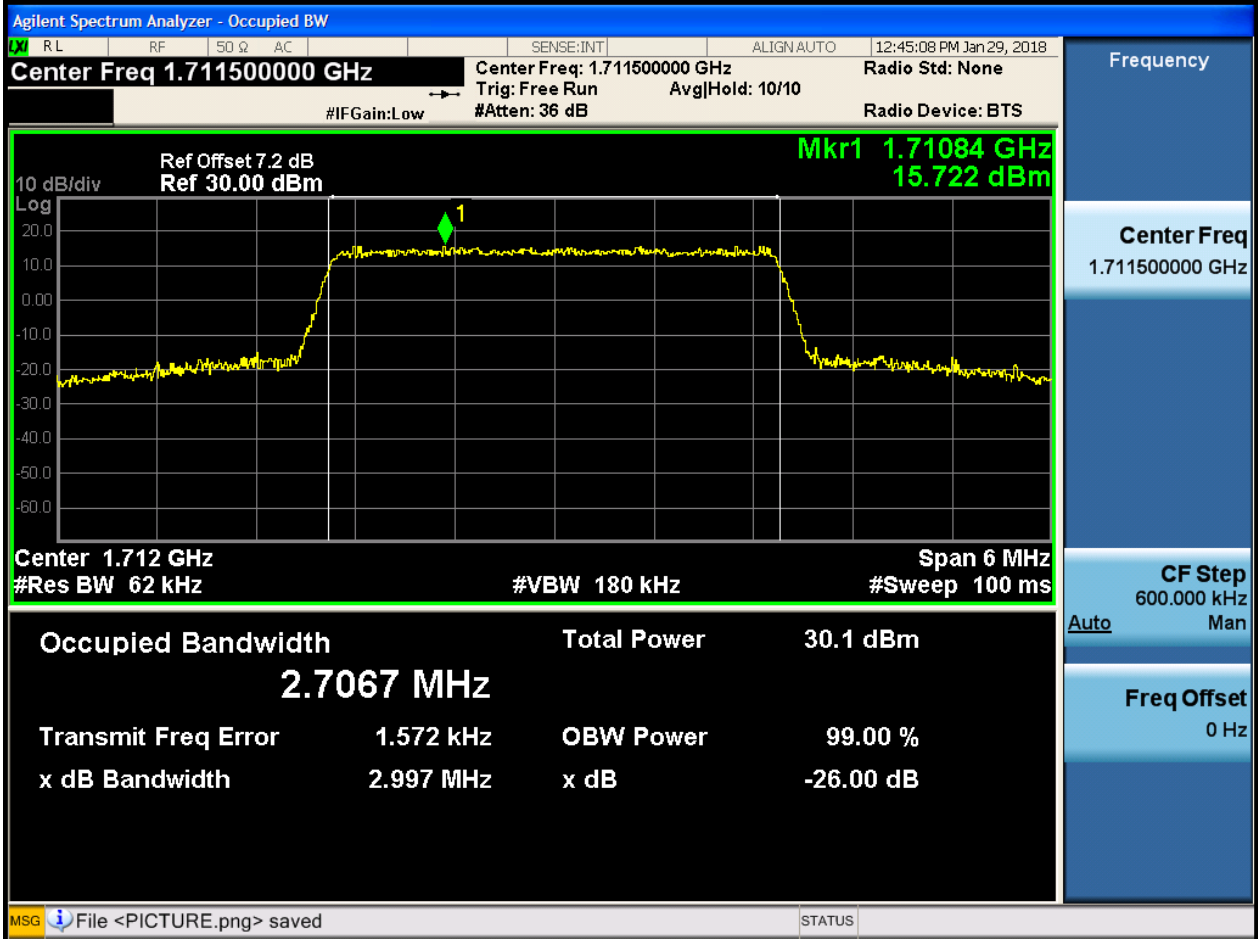




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

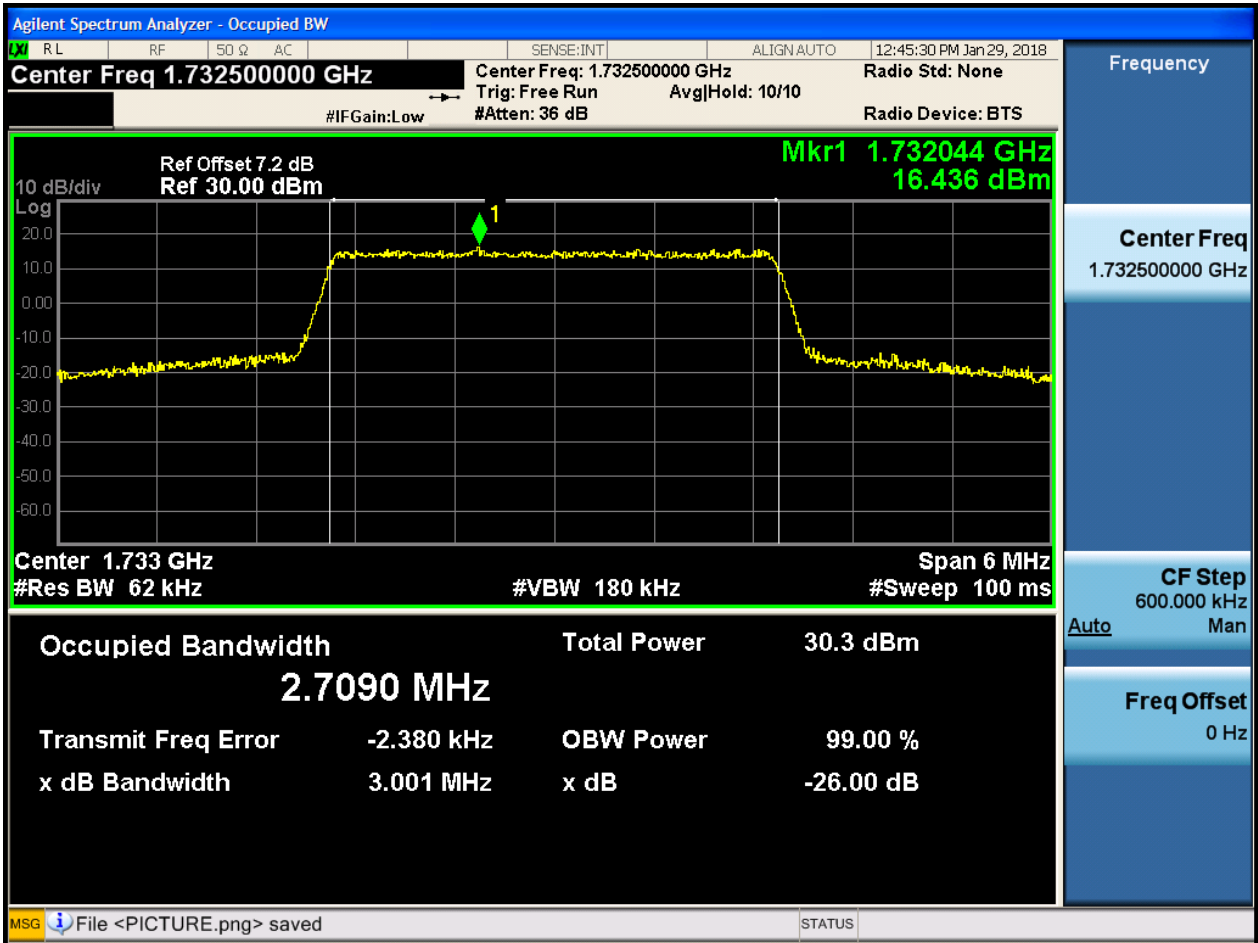
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

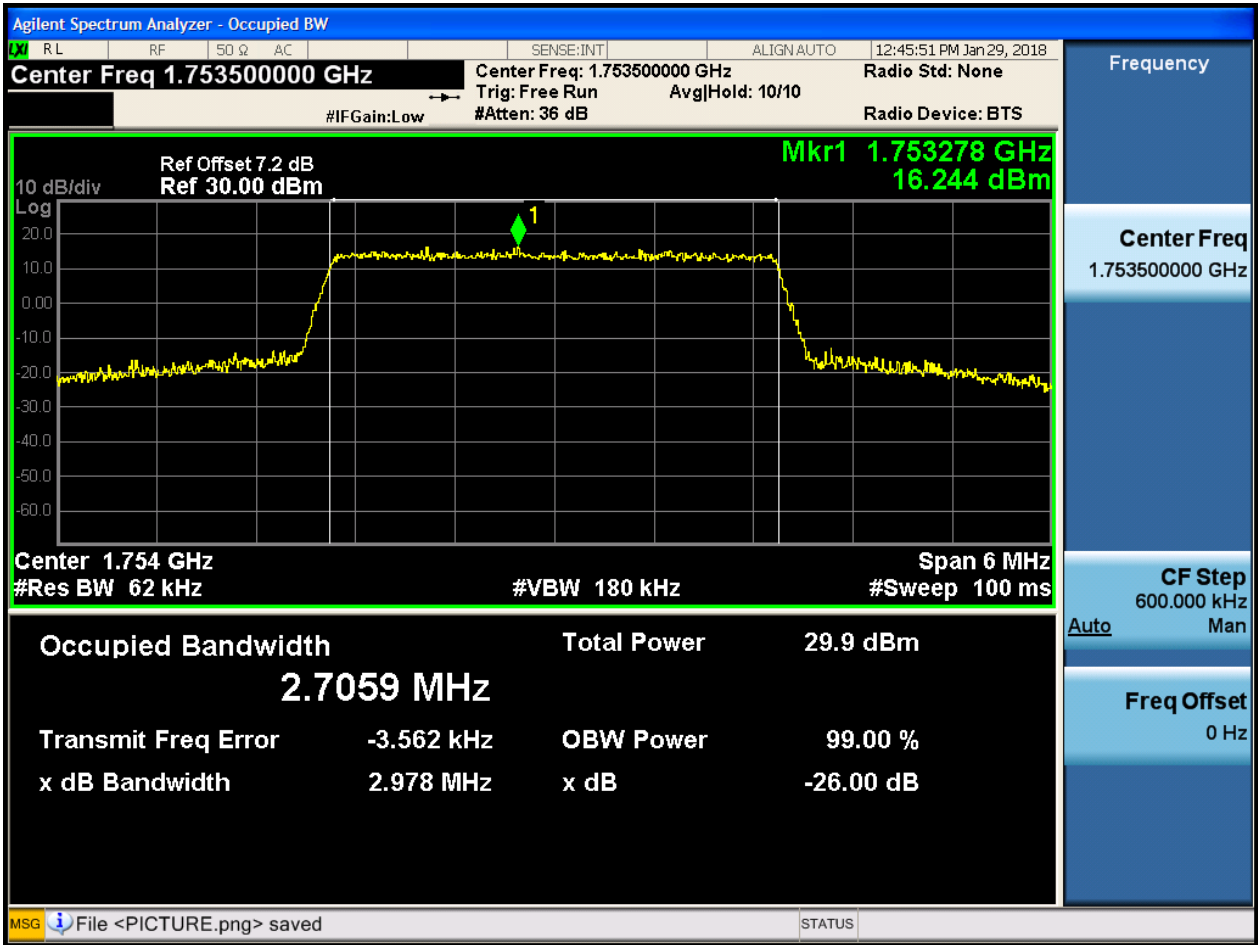
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

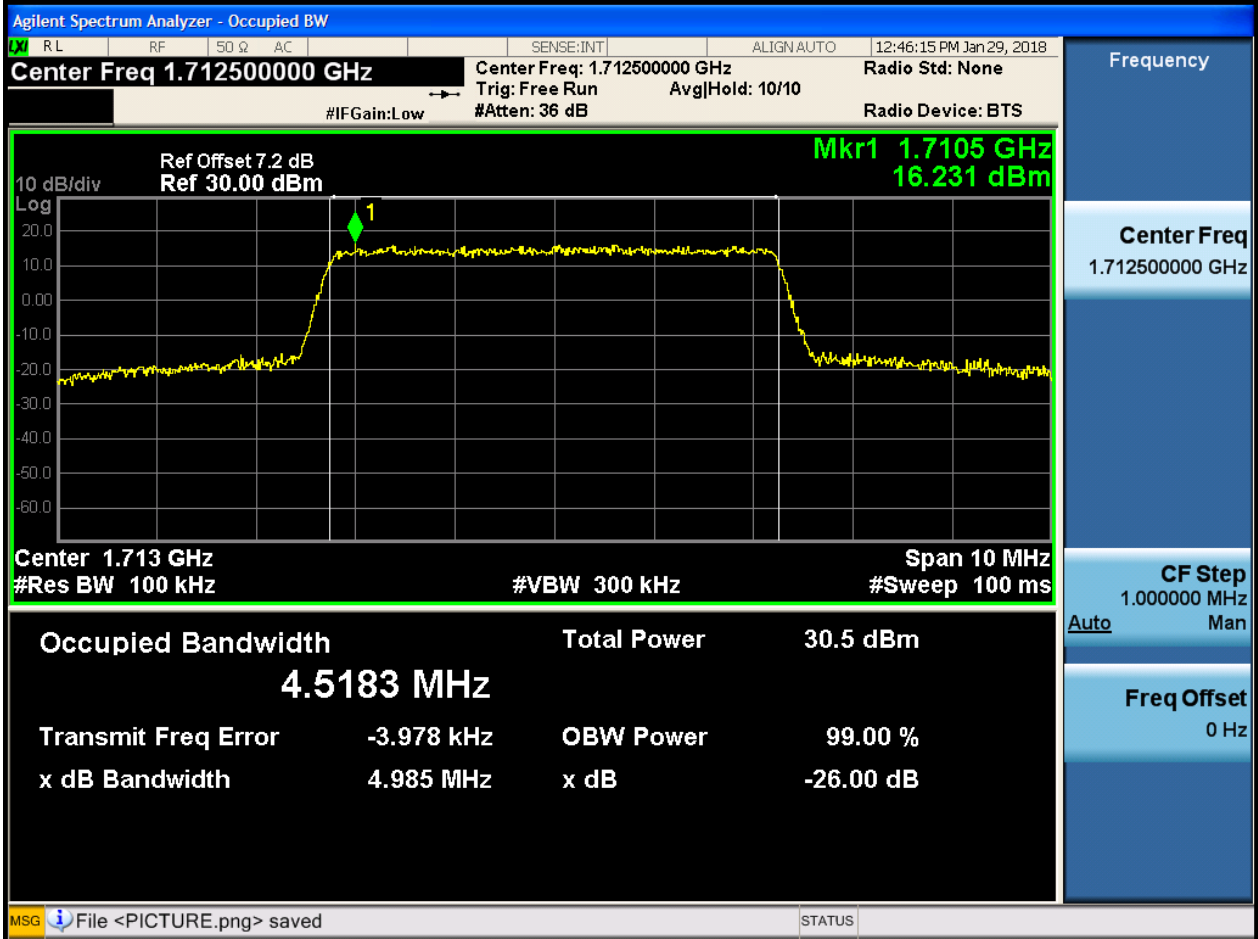




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

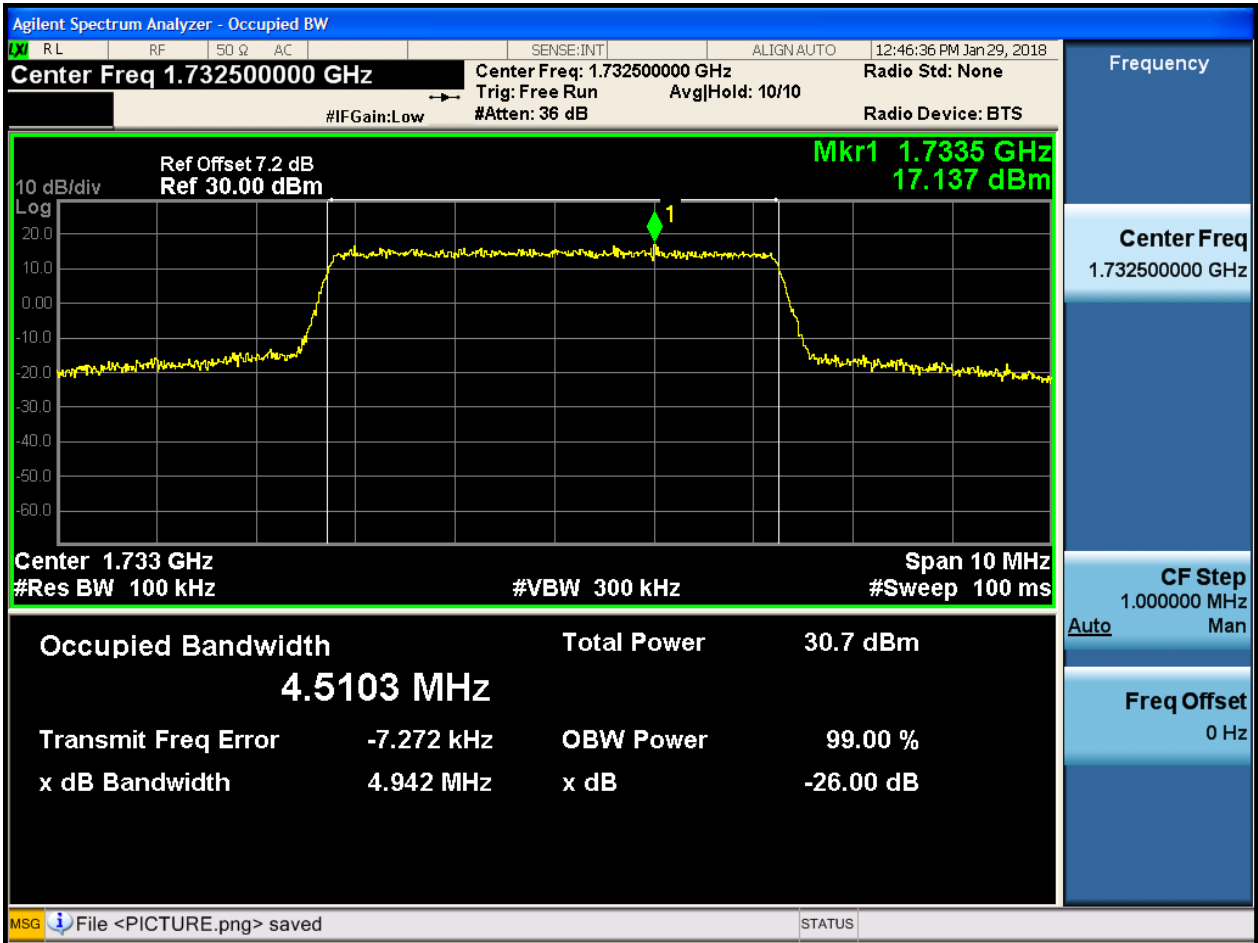
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

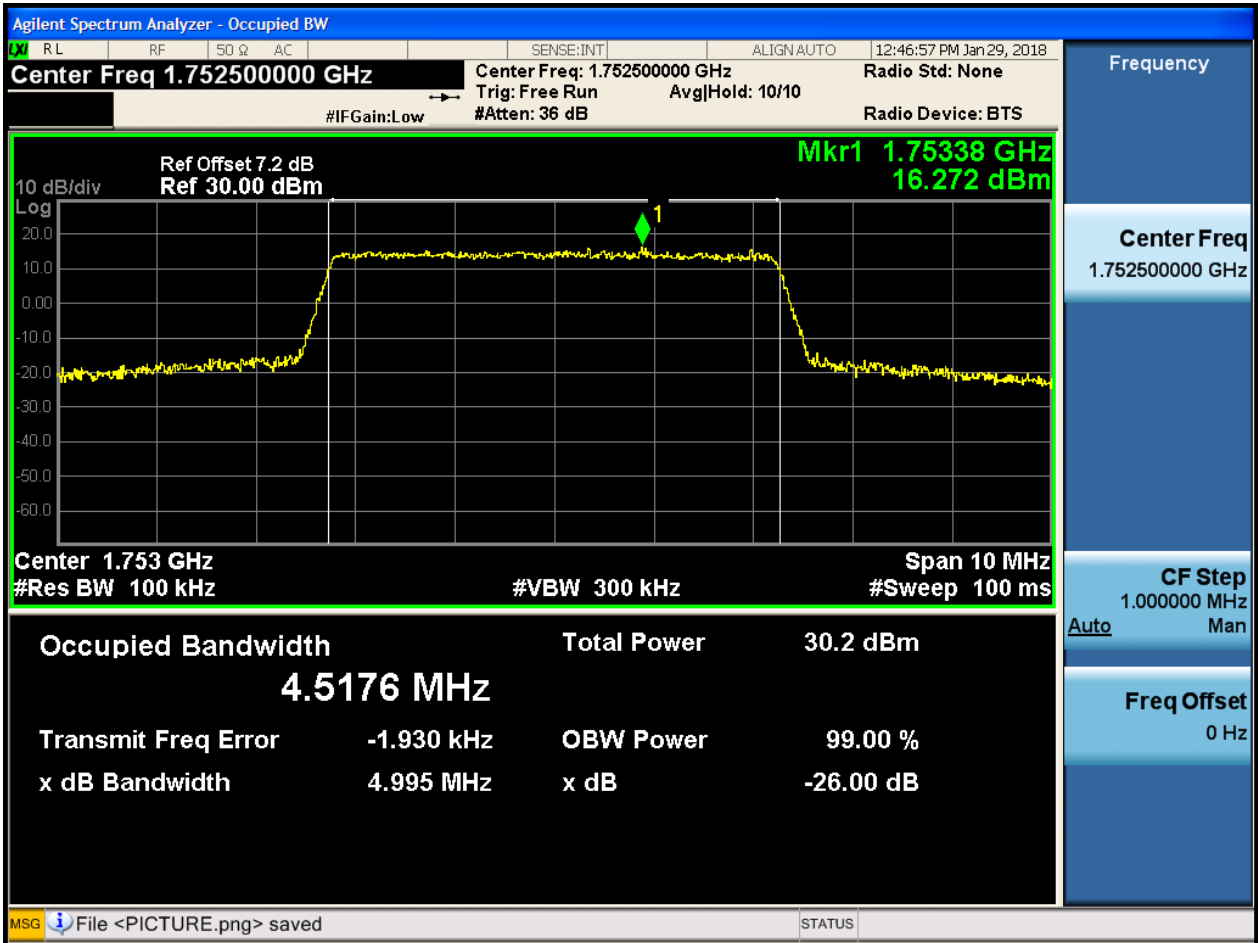
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

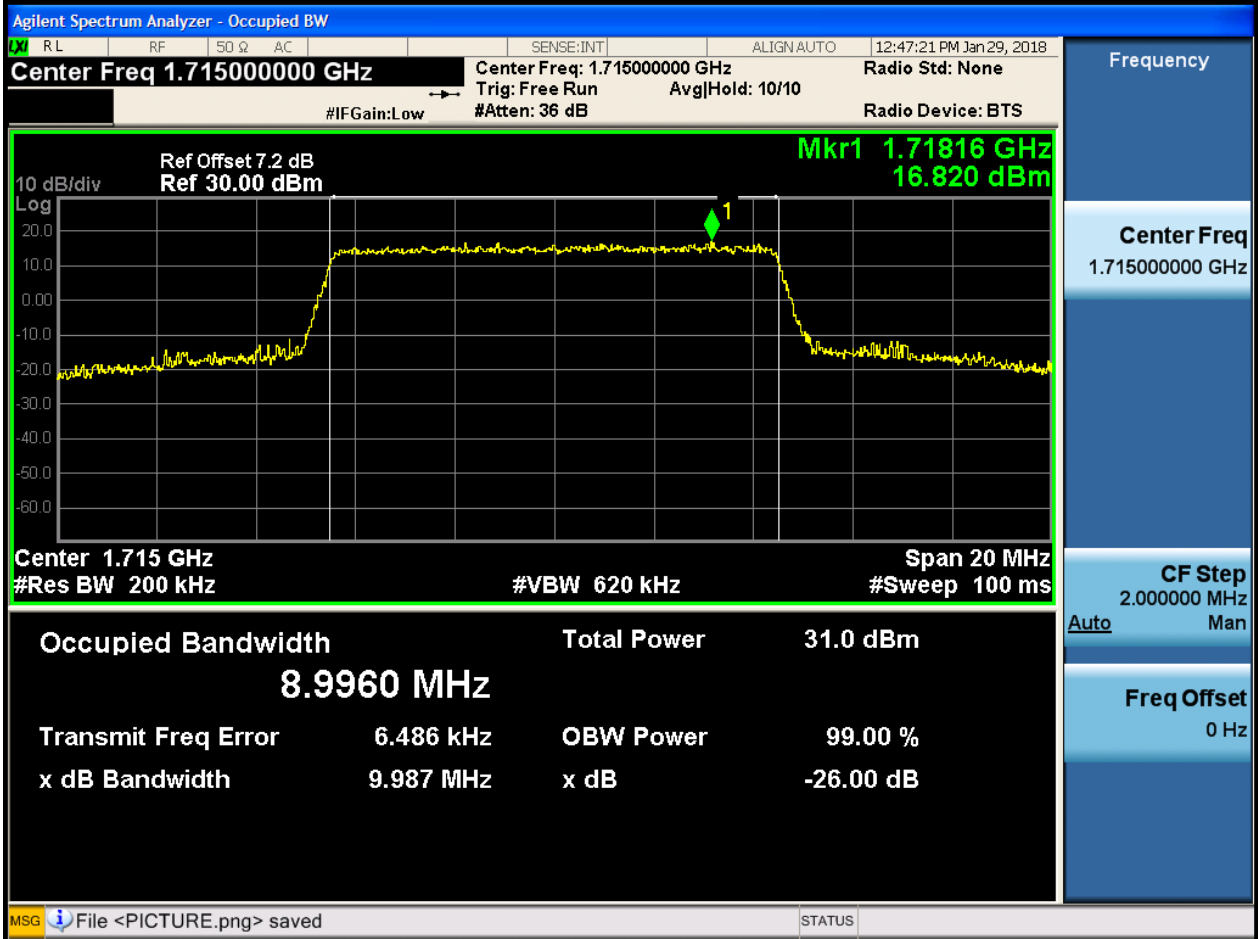




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

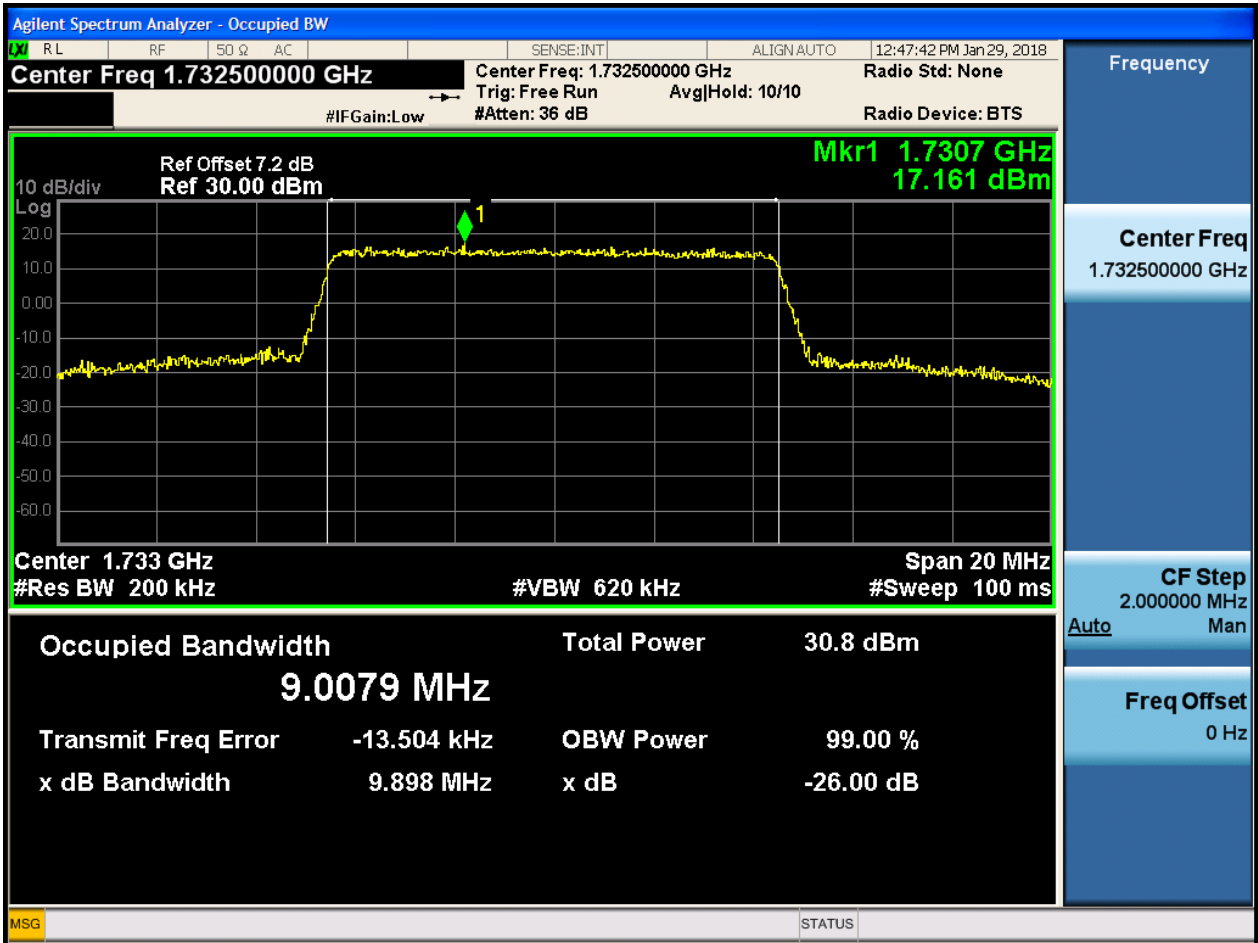
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0

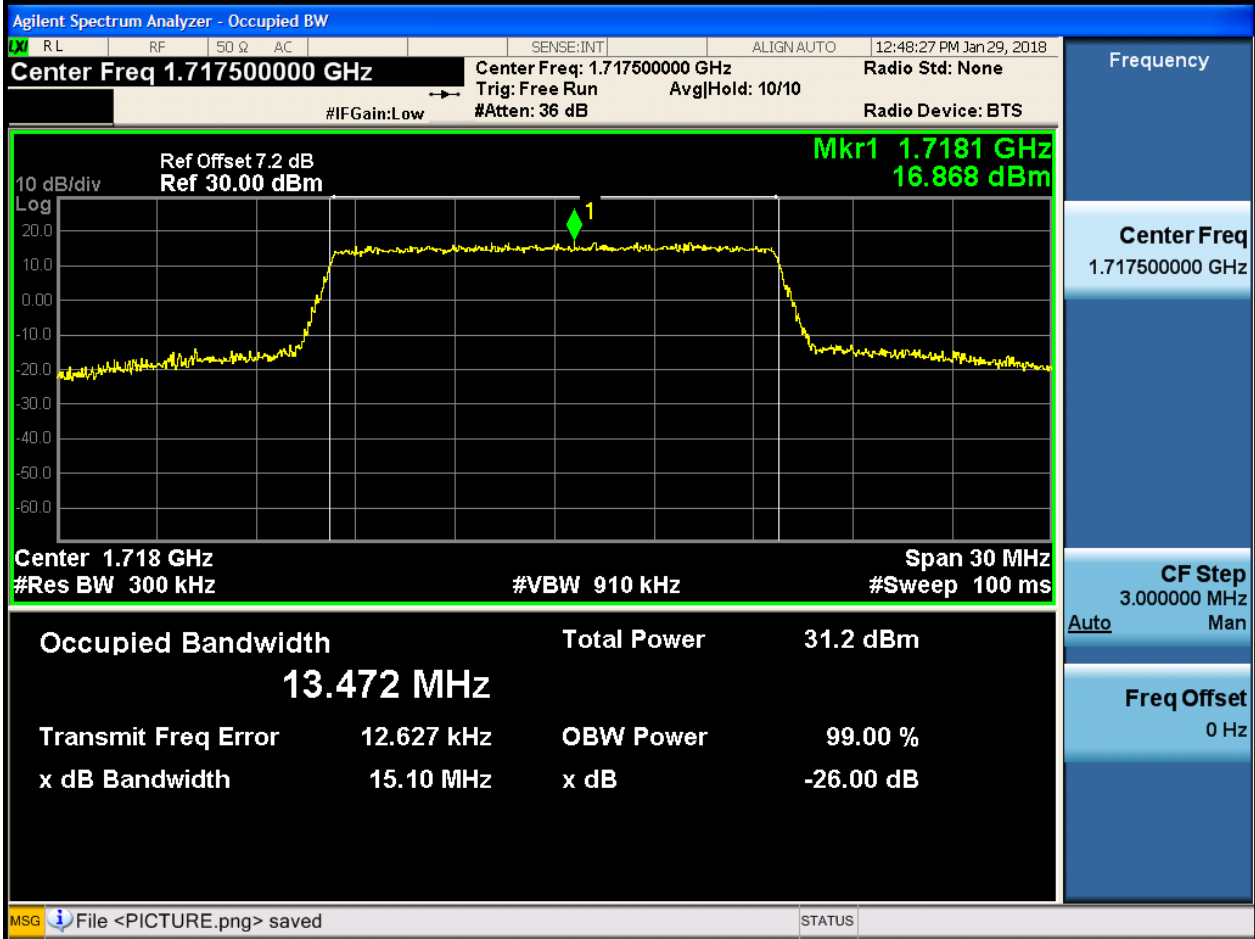




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

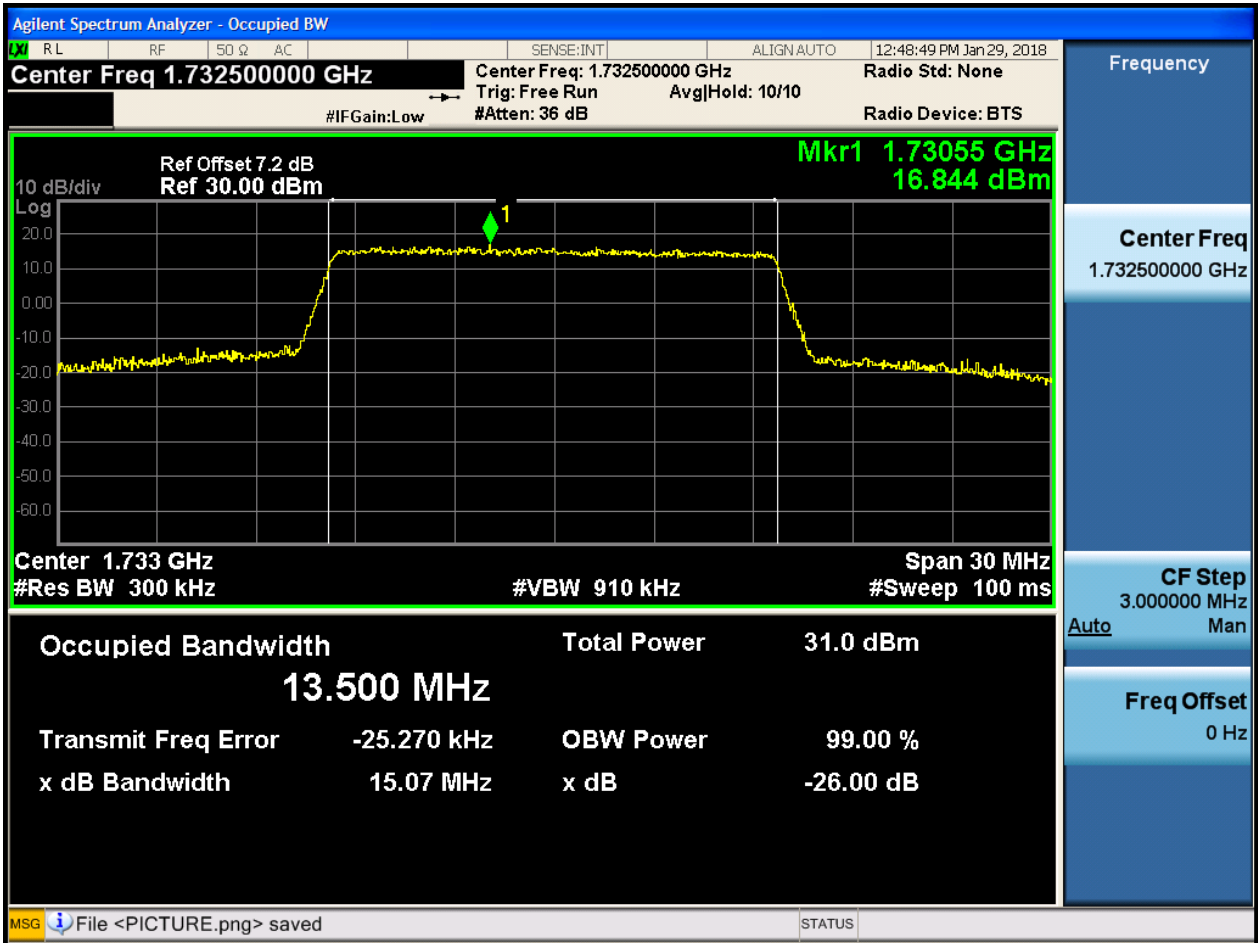
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

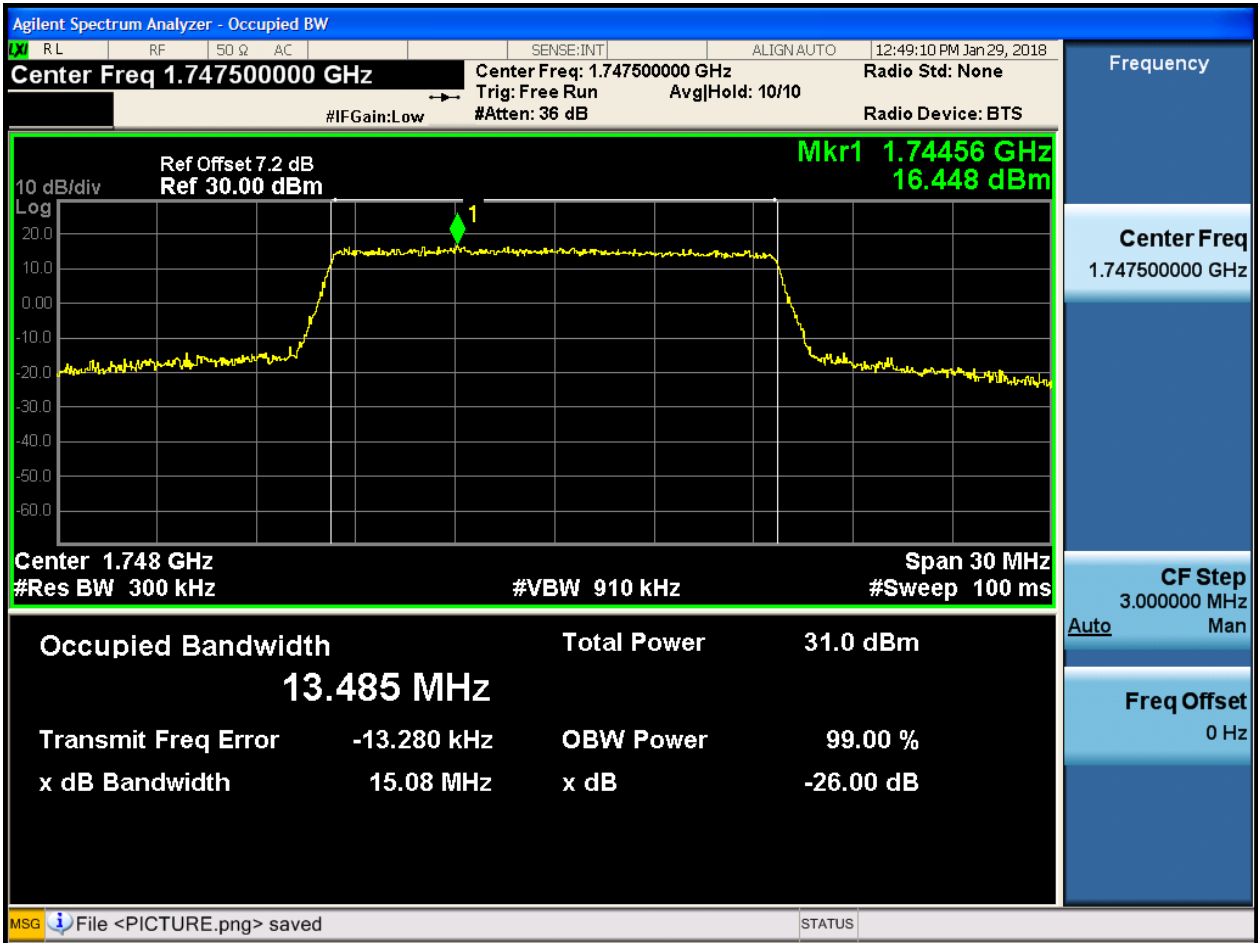
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

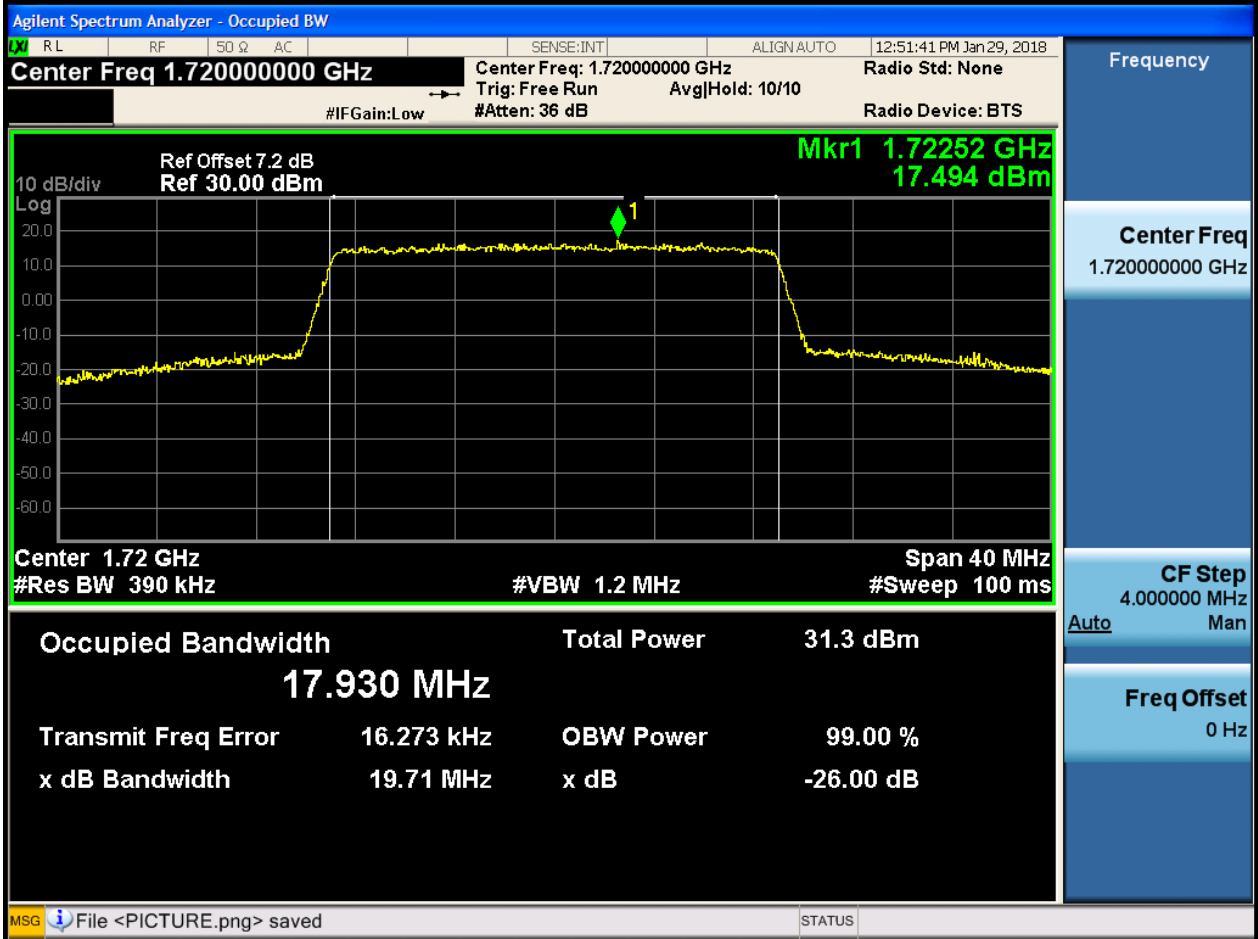




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

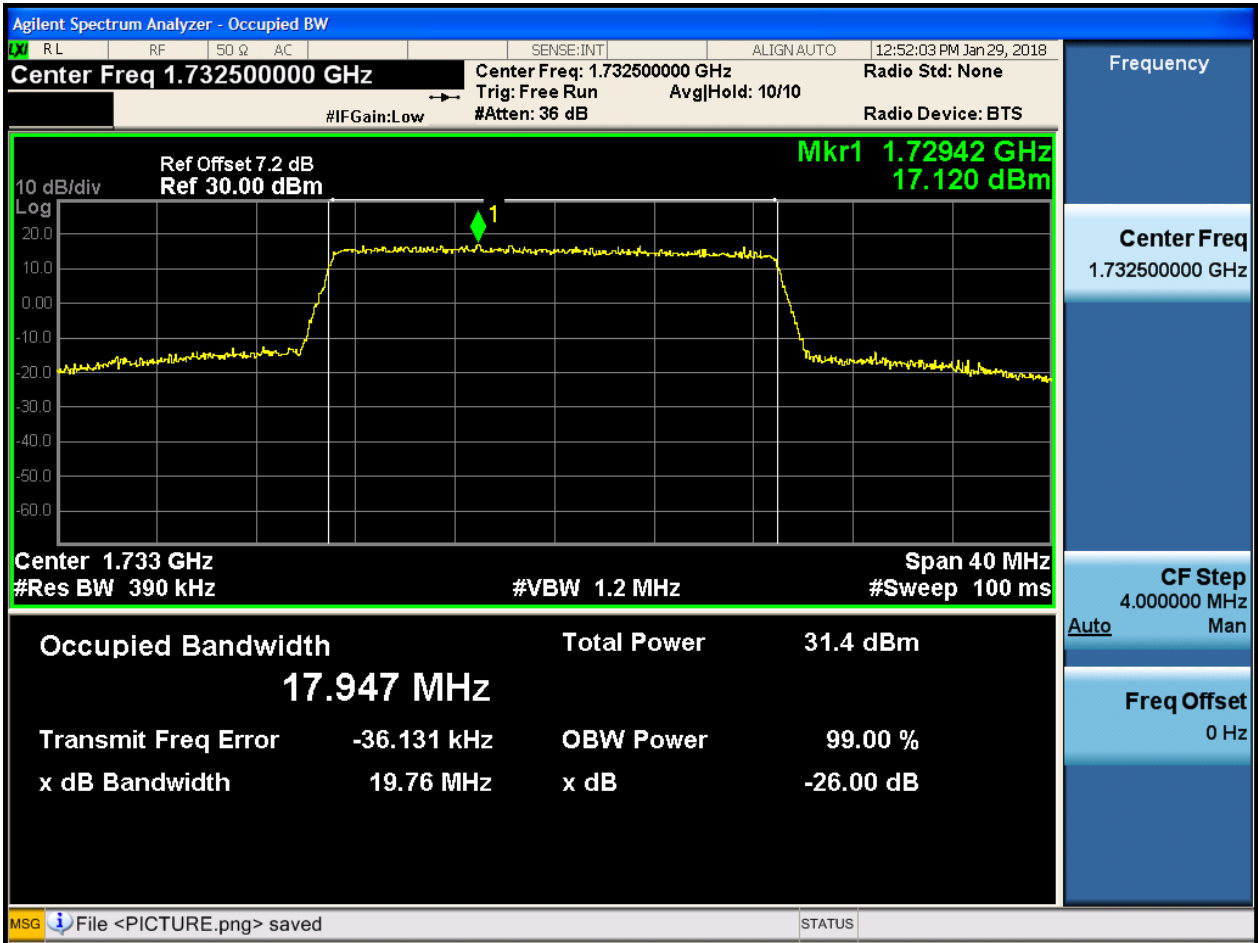
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

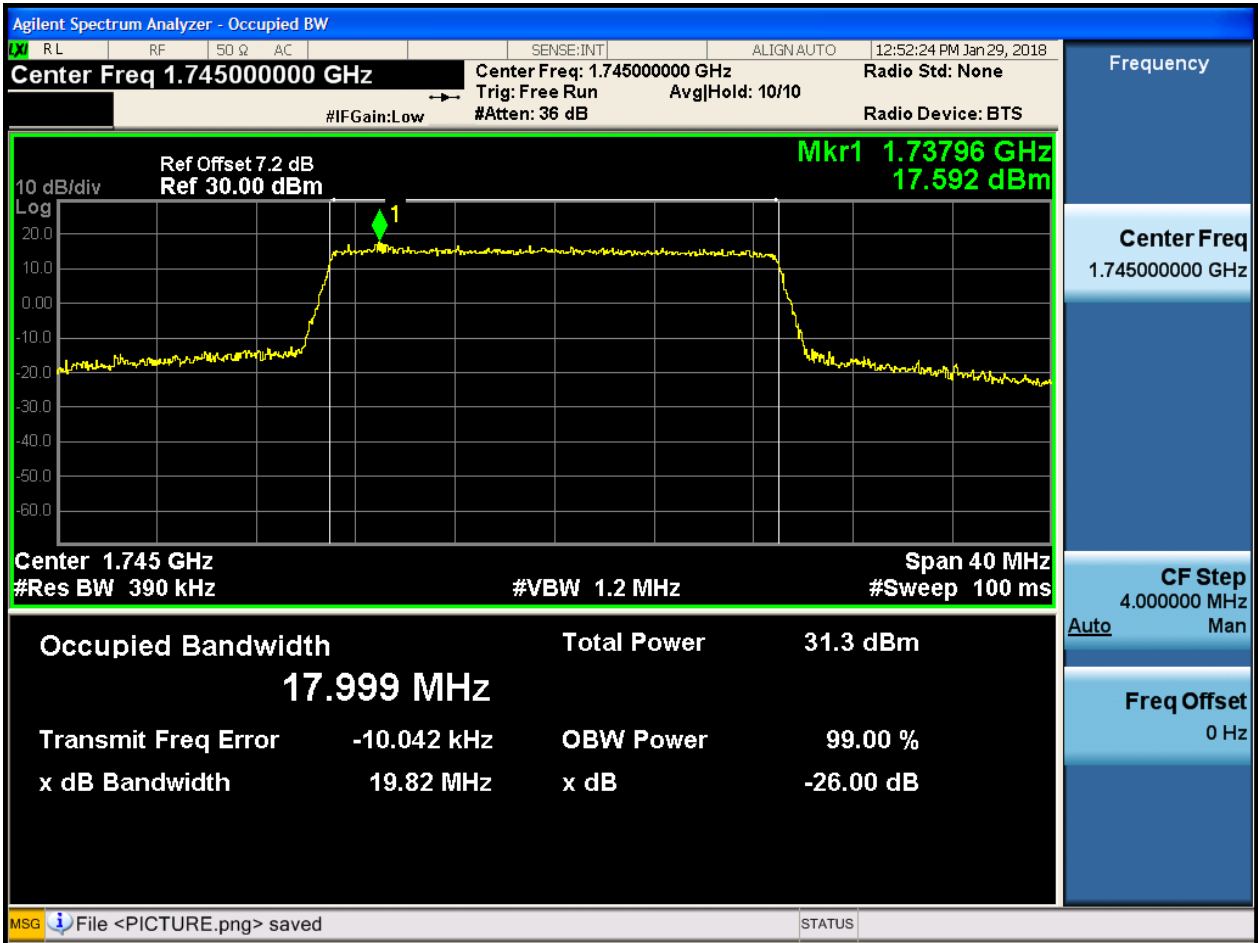
4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0





5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

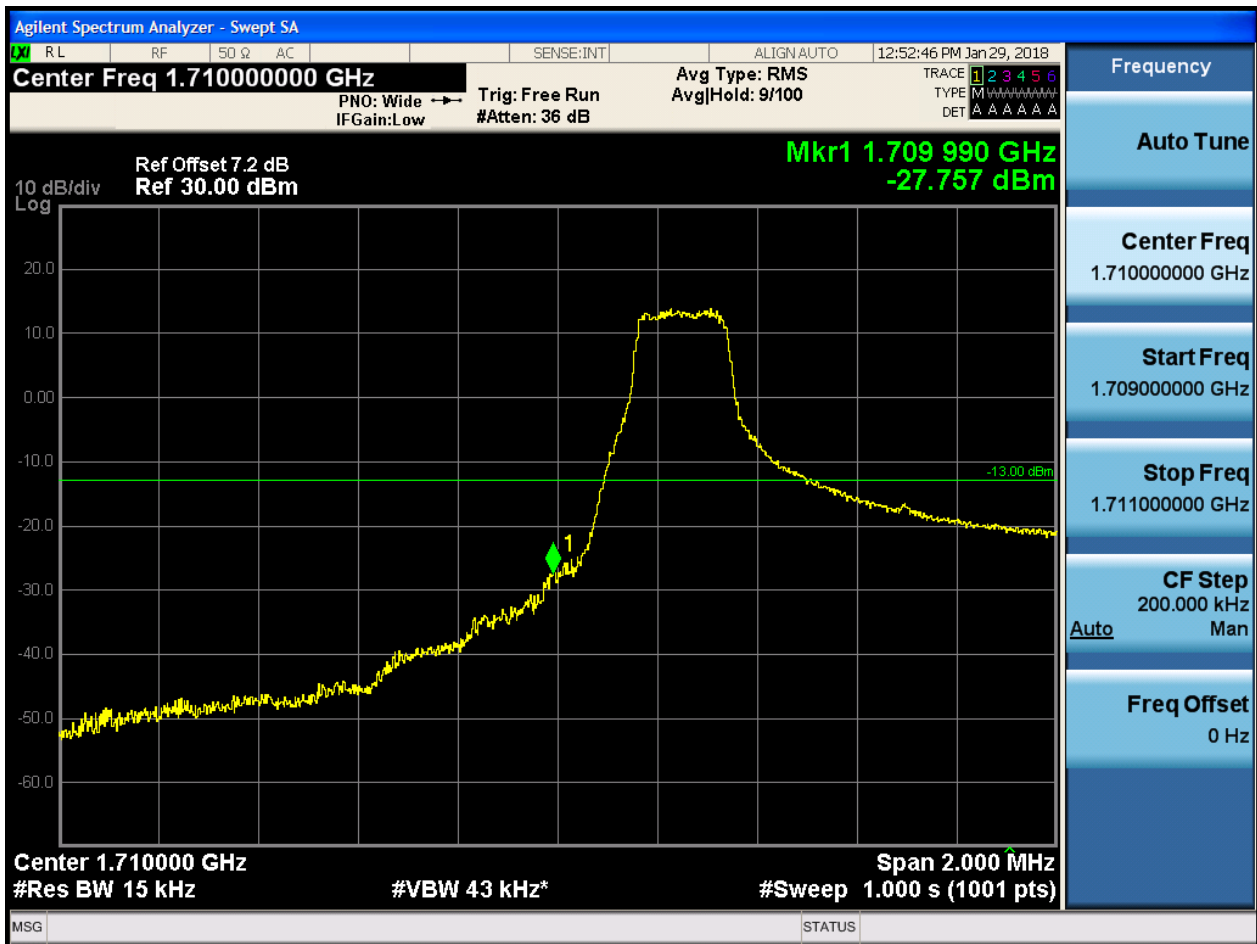
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

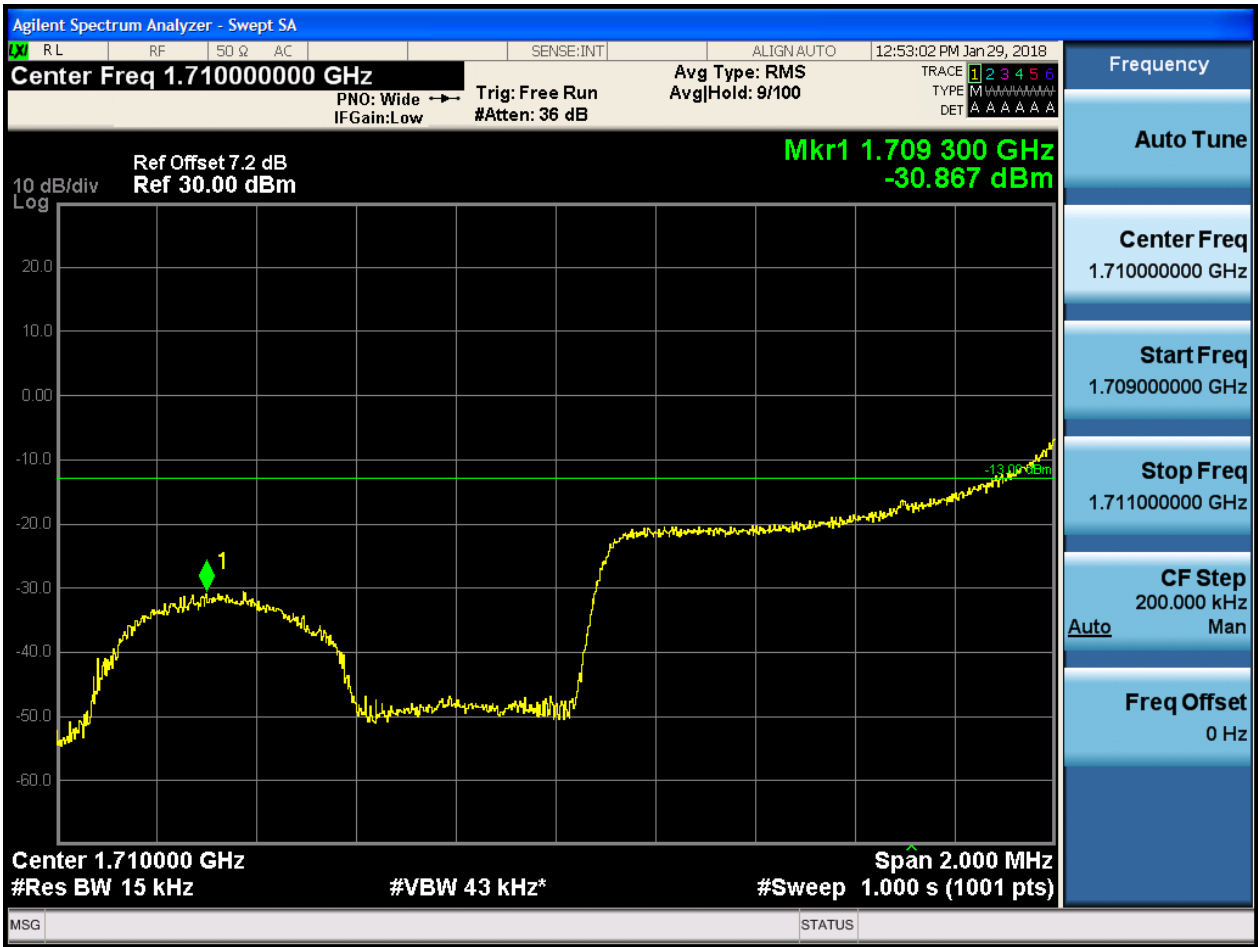
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



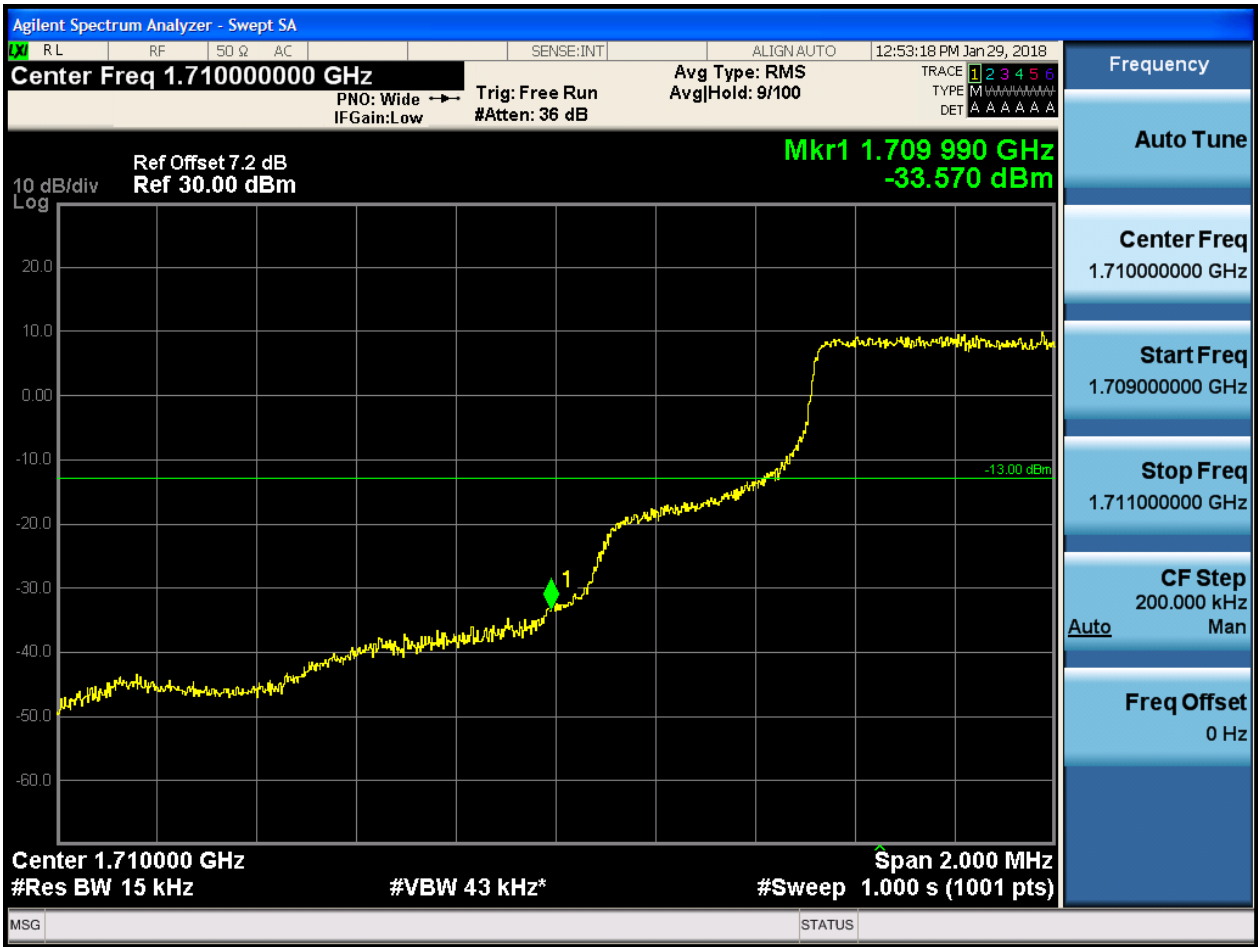


5.1.1.1.1.2 Test RB = RB1#5



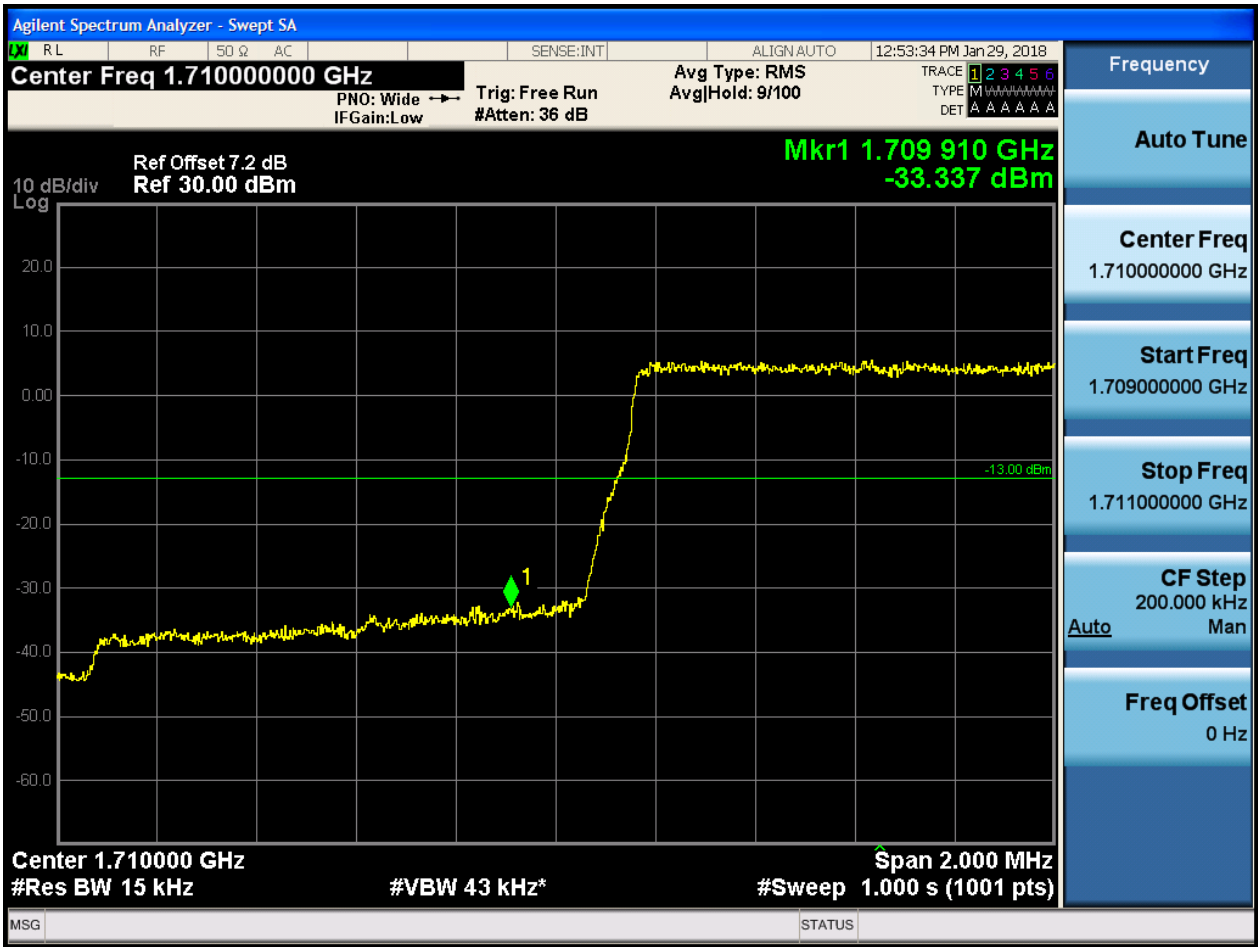


5.1.1.1.1.3 Test RB = RB3#2





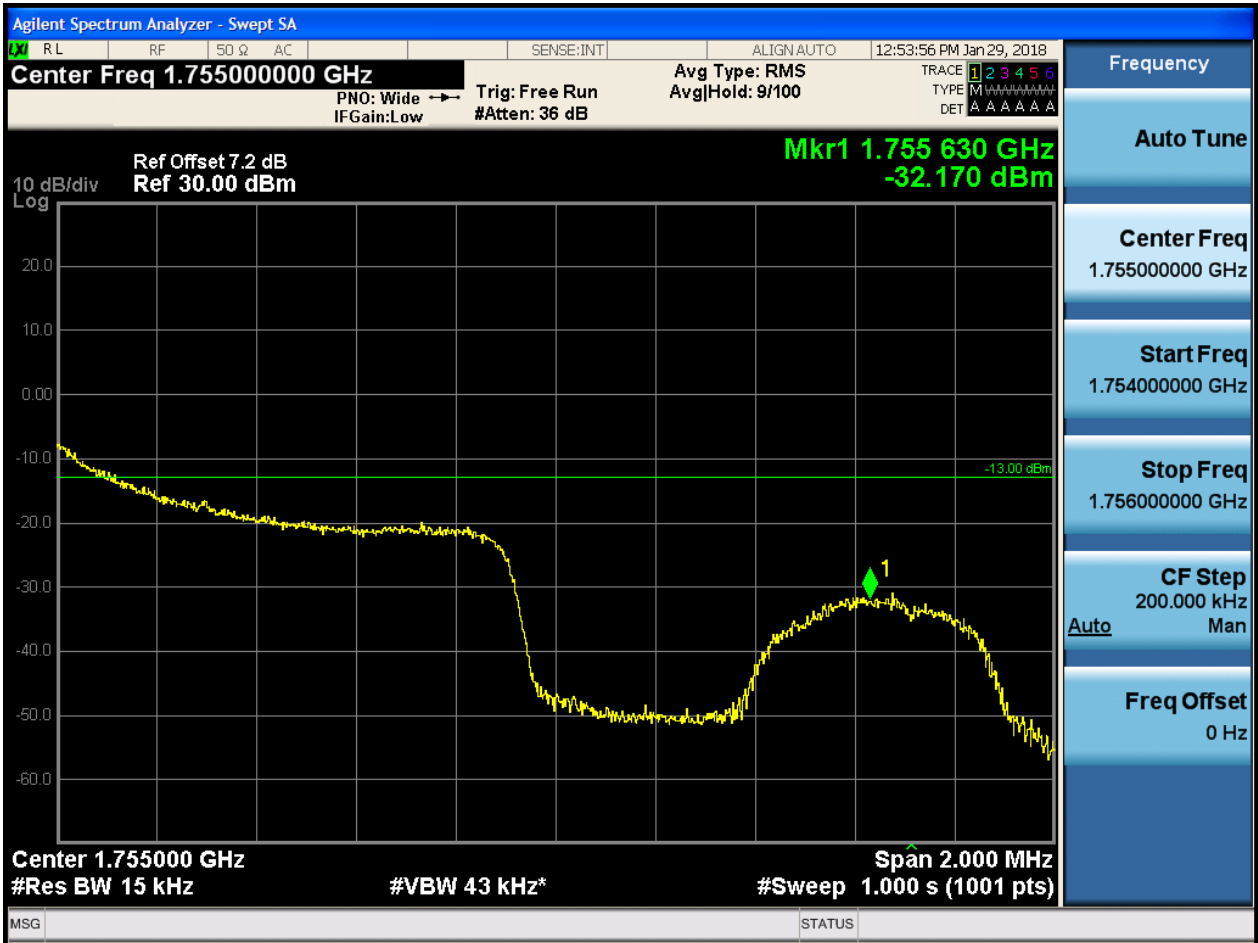
5.1.1.1.1.4 Test RB = RB6#0





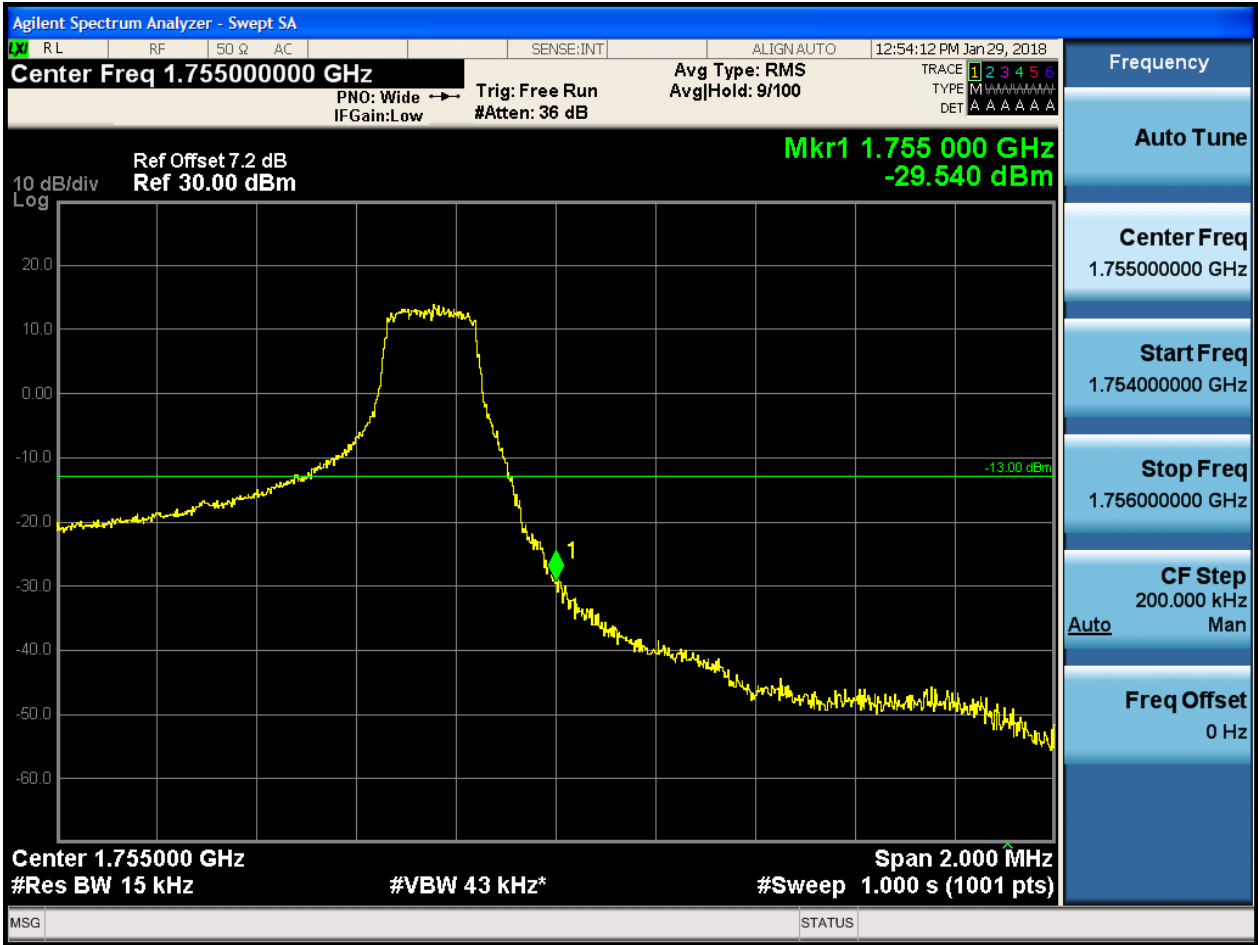
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

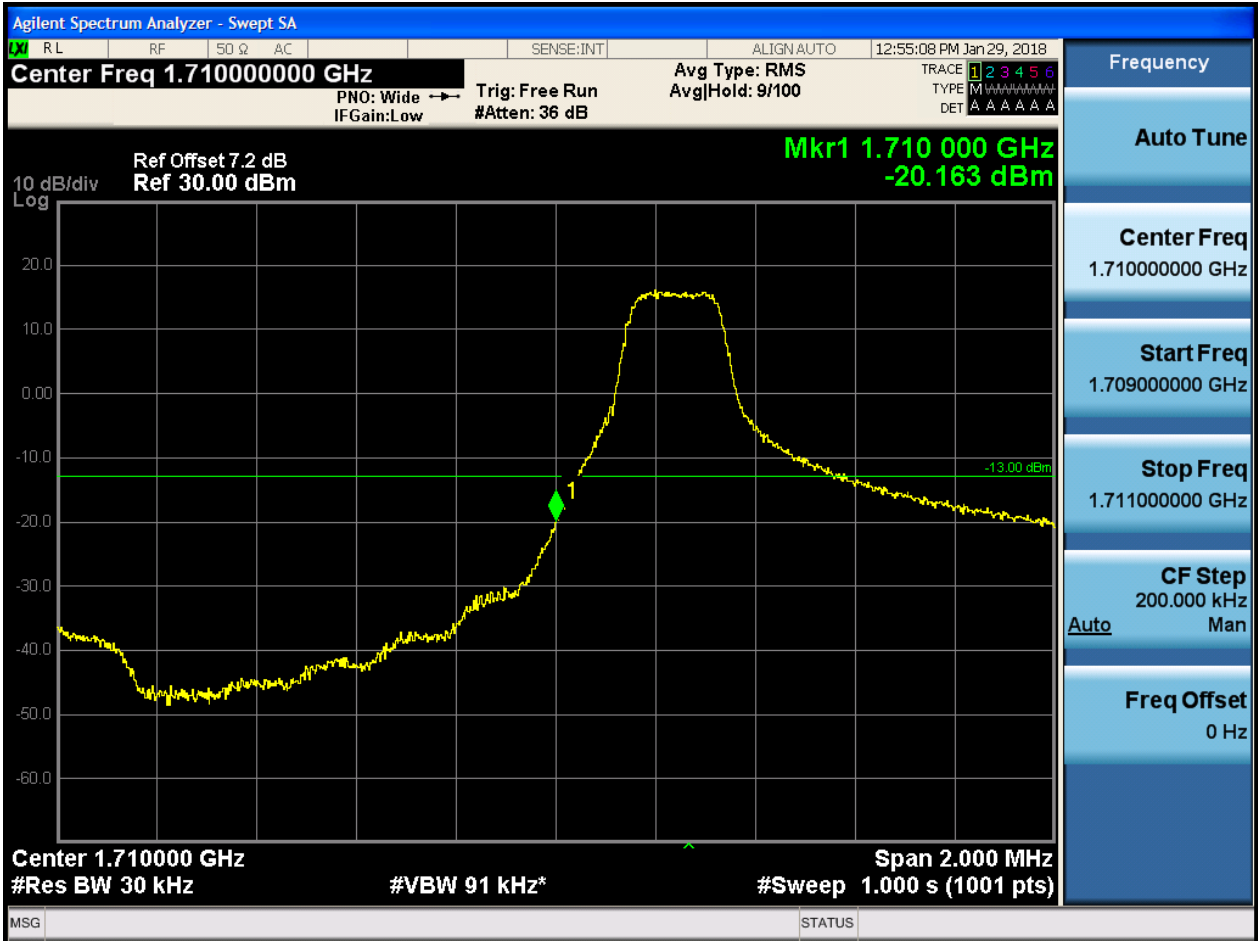




5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



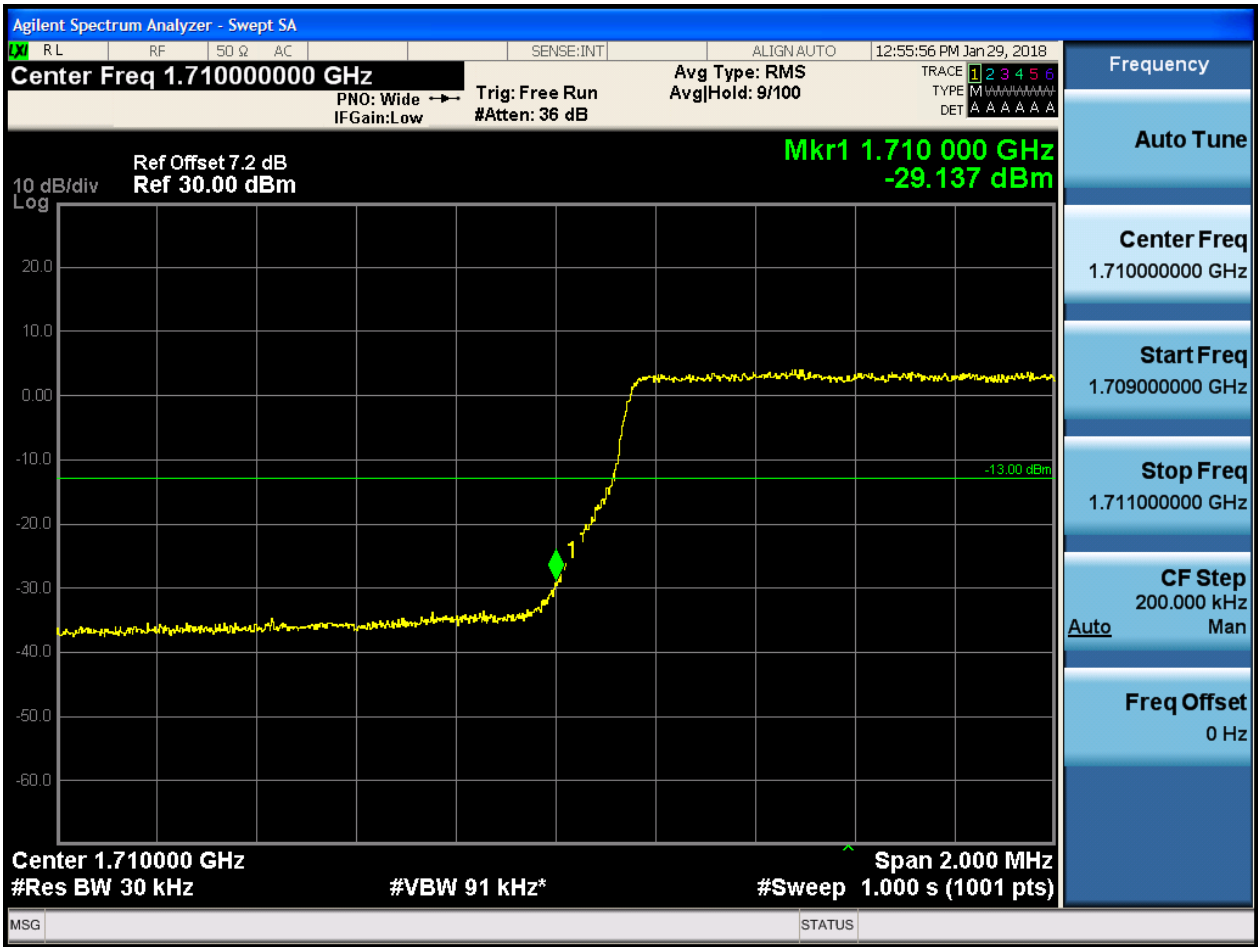


5.1.1.1.2.1.3 Test RB = RB8#4





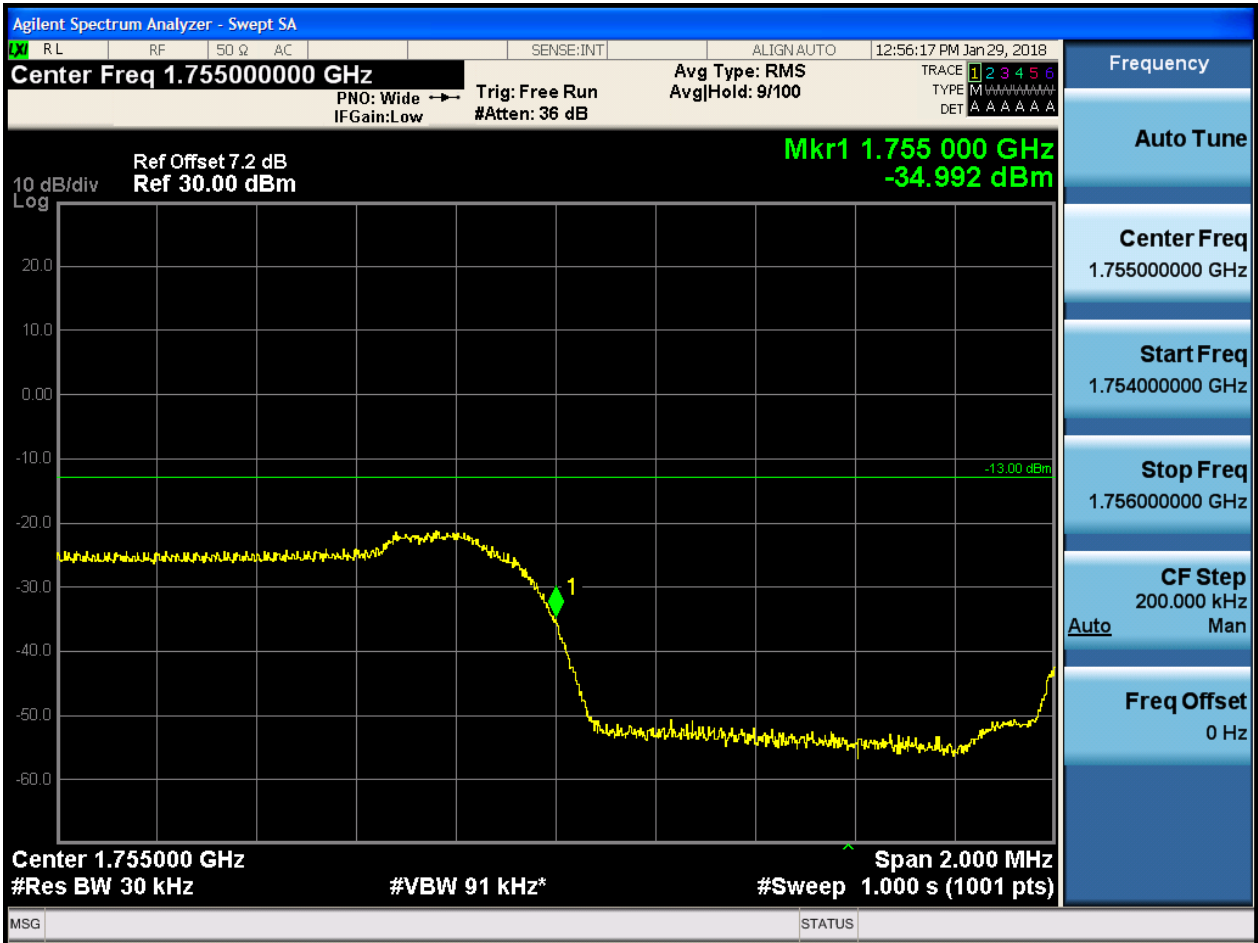
5.1.1.1.2.1.4 Test RB = RB15#0





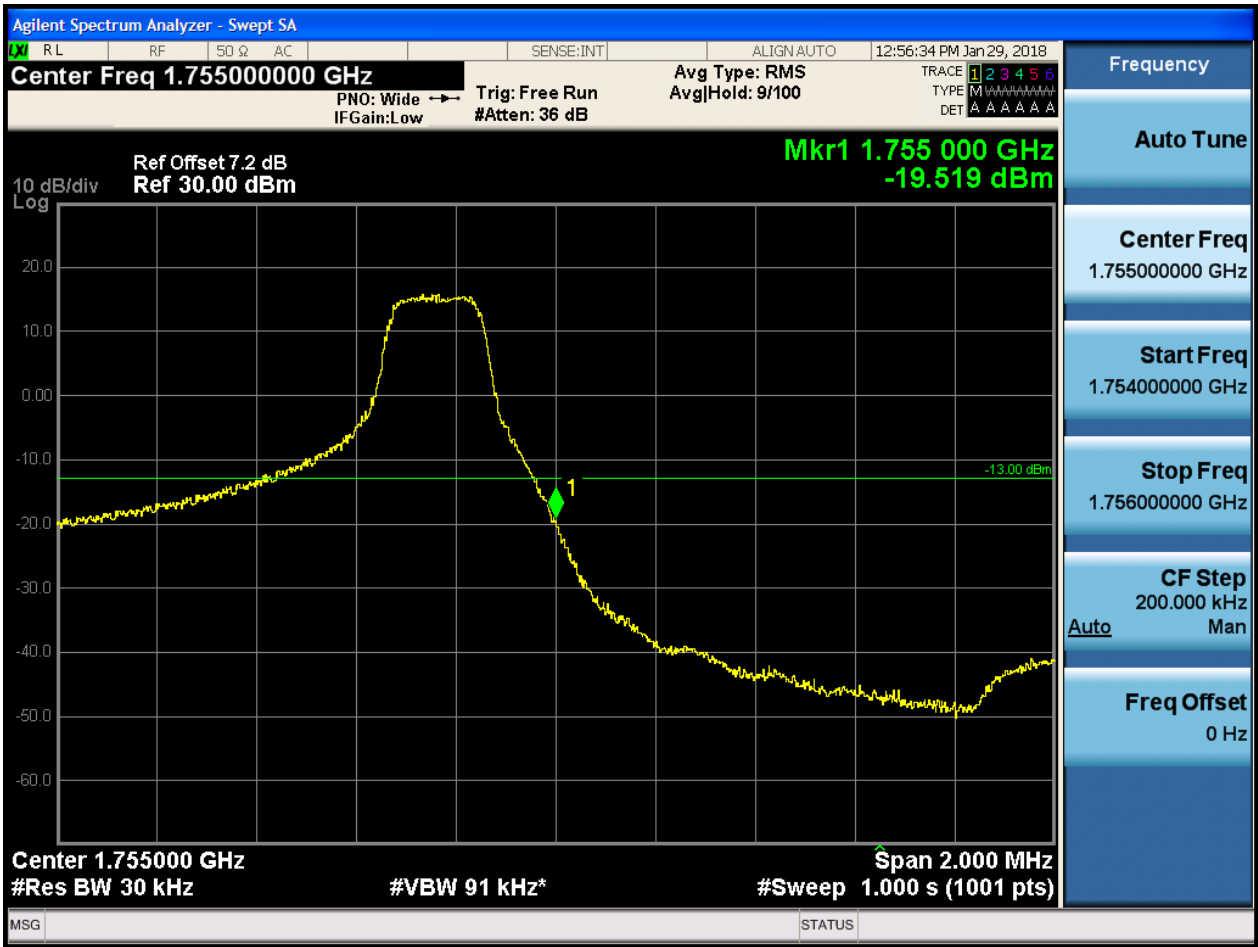
5.1.1.1.2.2 Test Channel = HCH

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

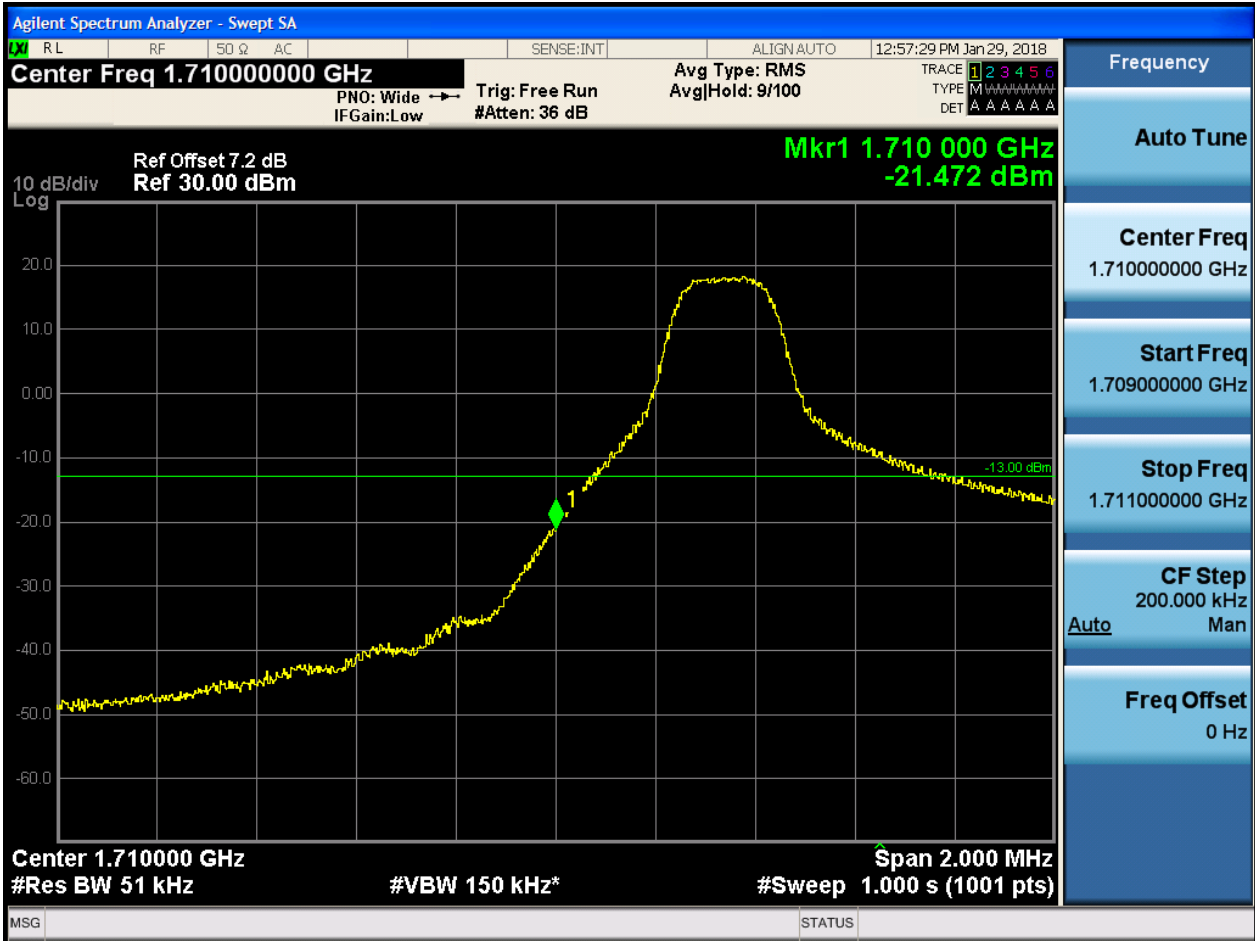




5.1.1.1.3 Test Bandwidth = 5

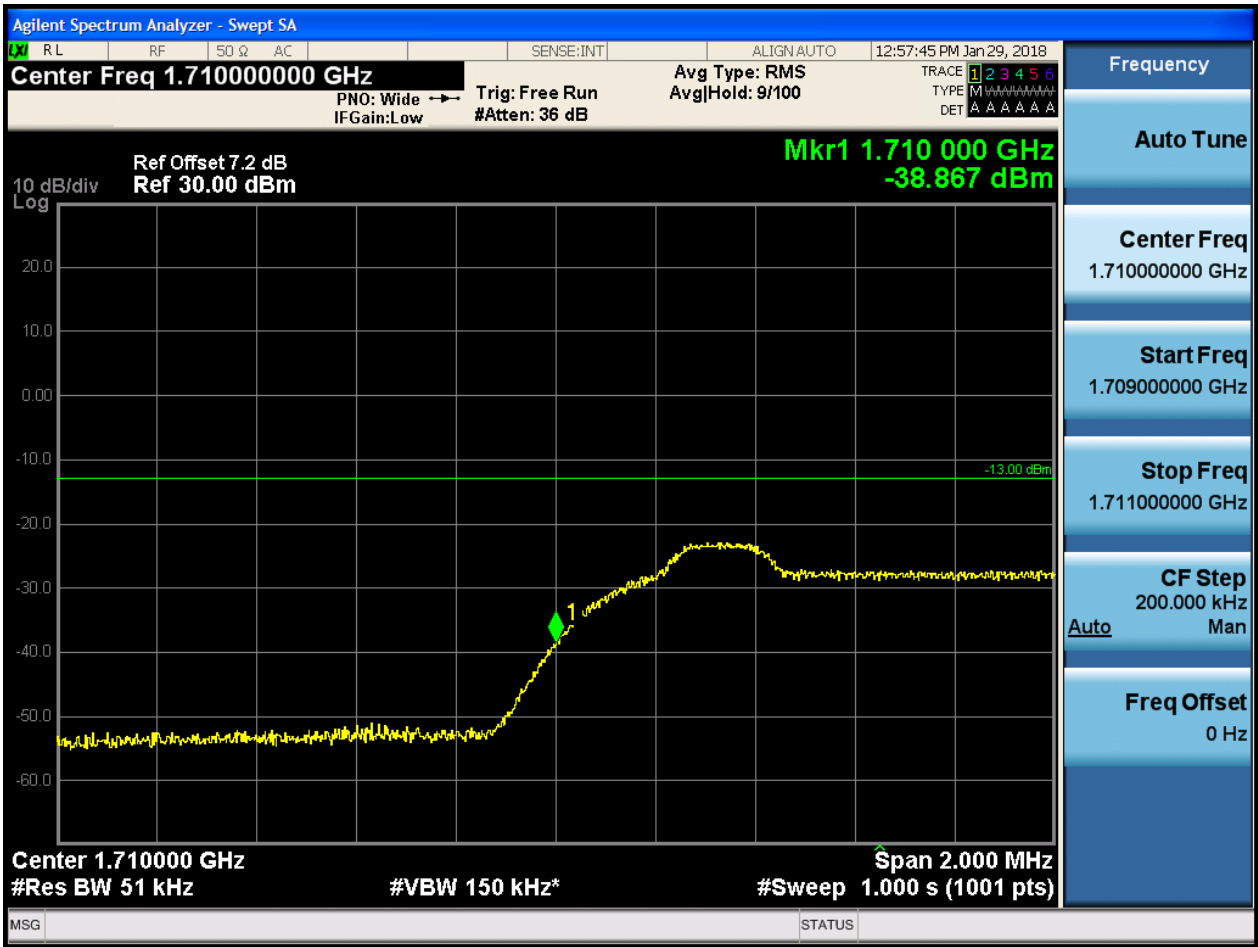
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



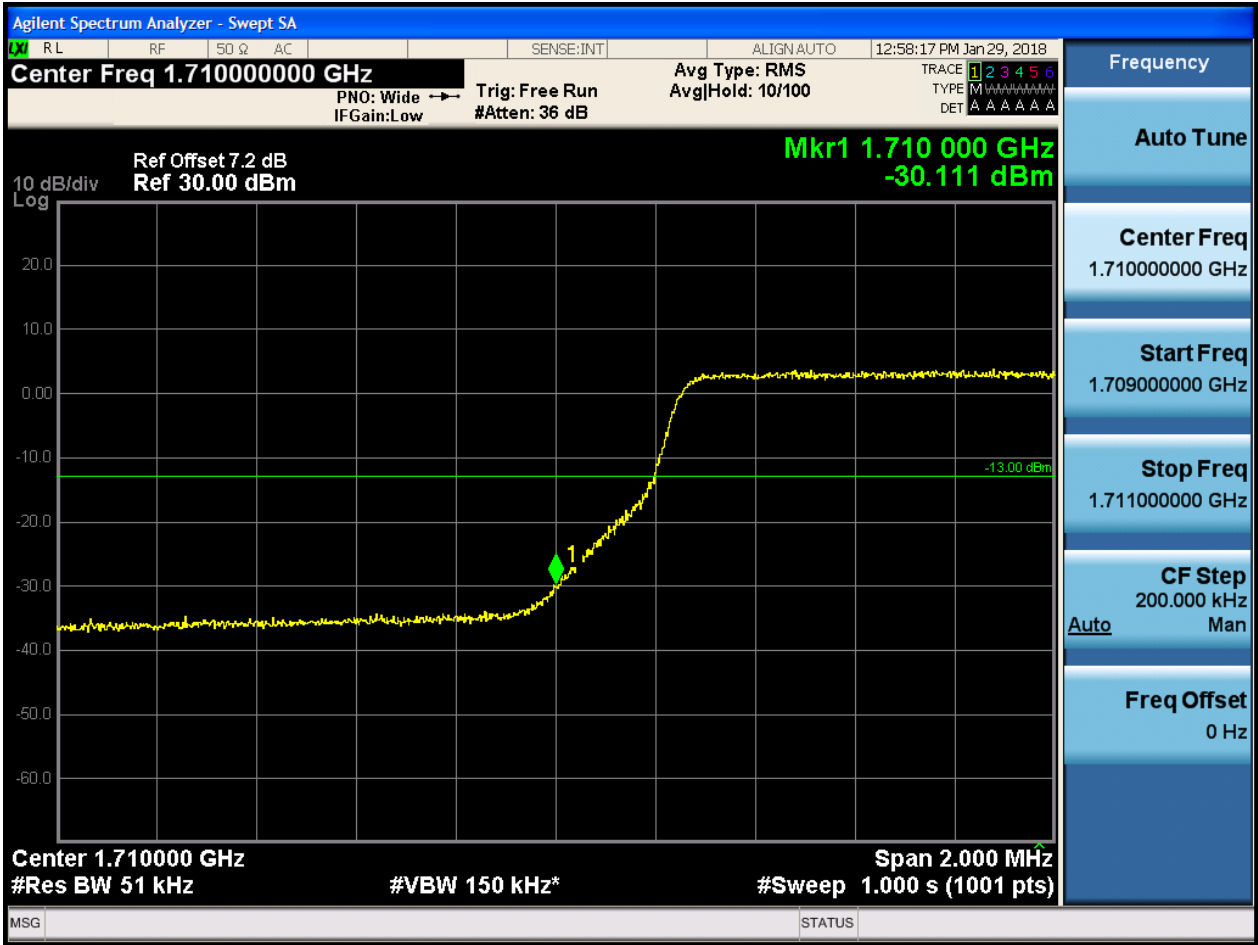


5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





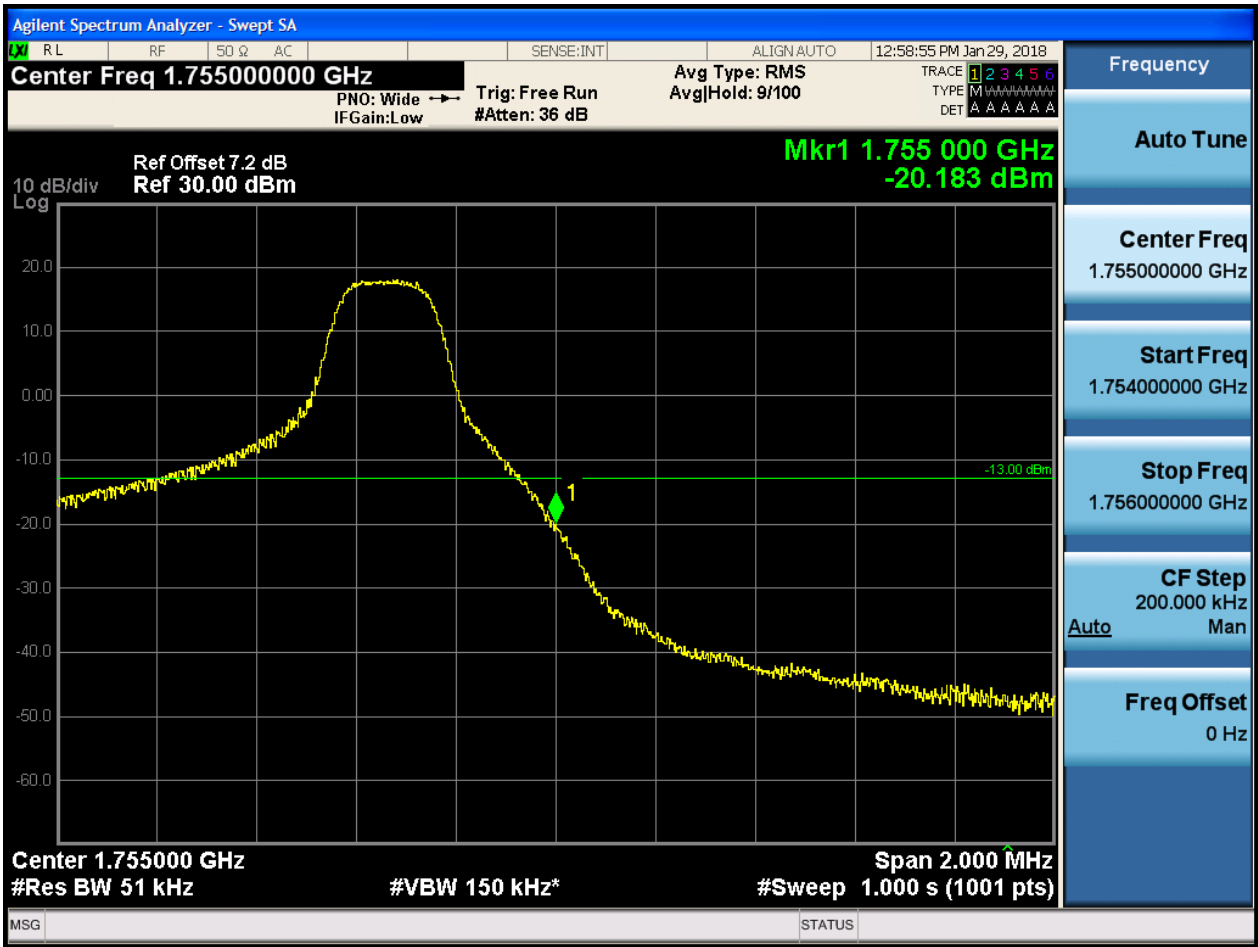
5.1.1.1.3.2 Test Channel = HCH

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

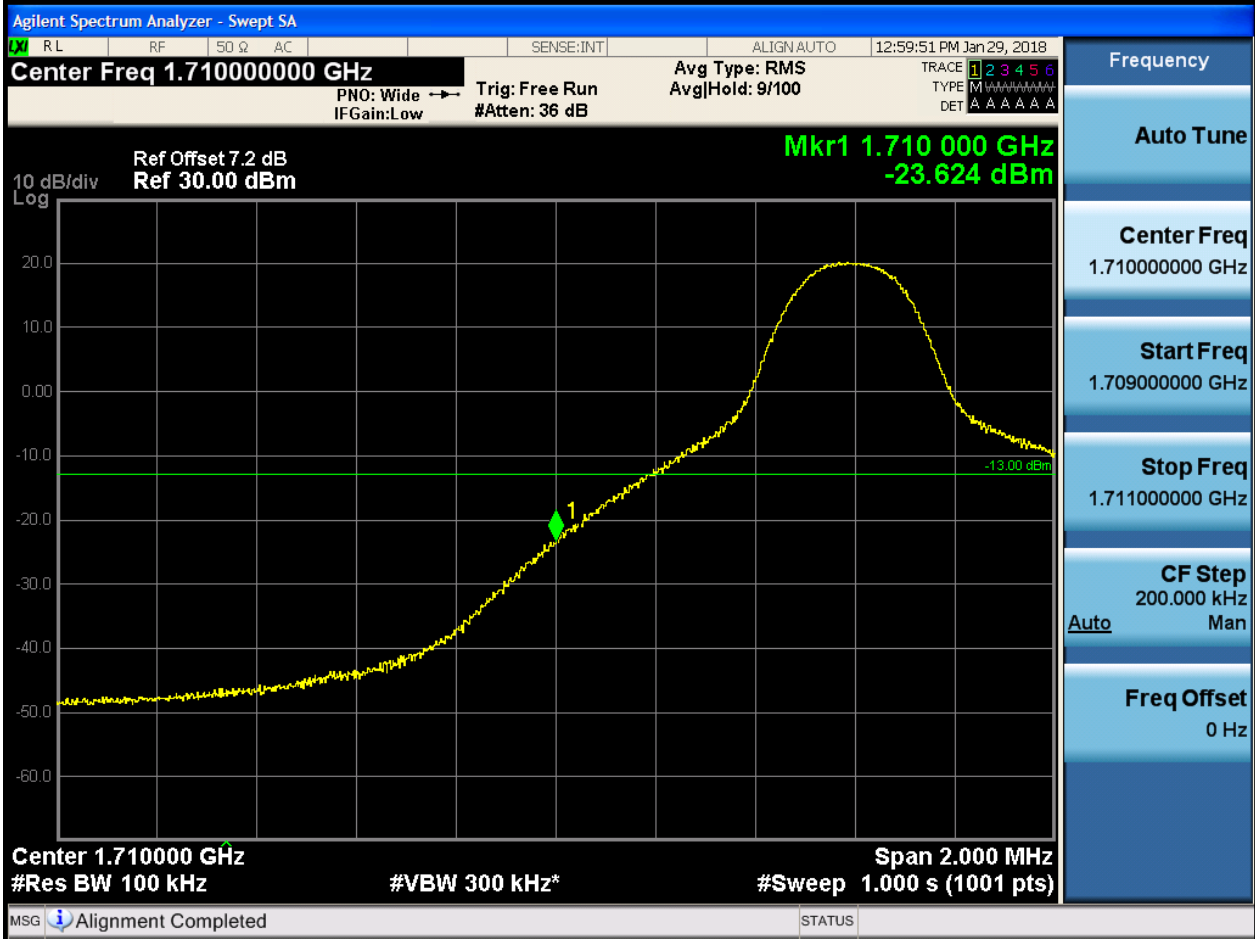




5.1.1.1.4 Test Bandwidth = 10

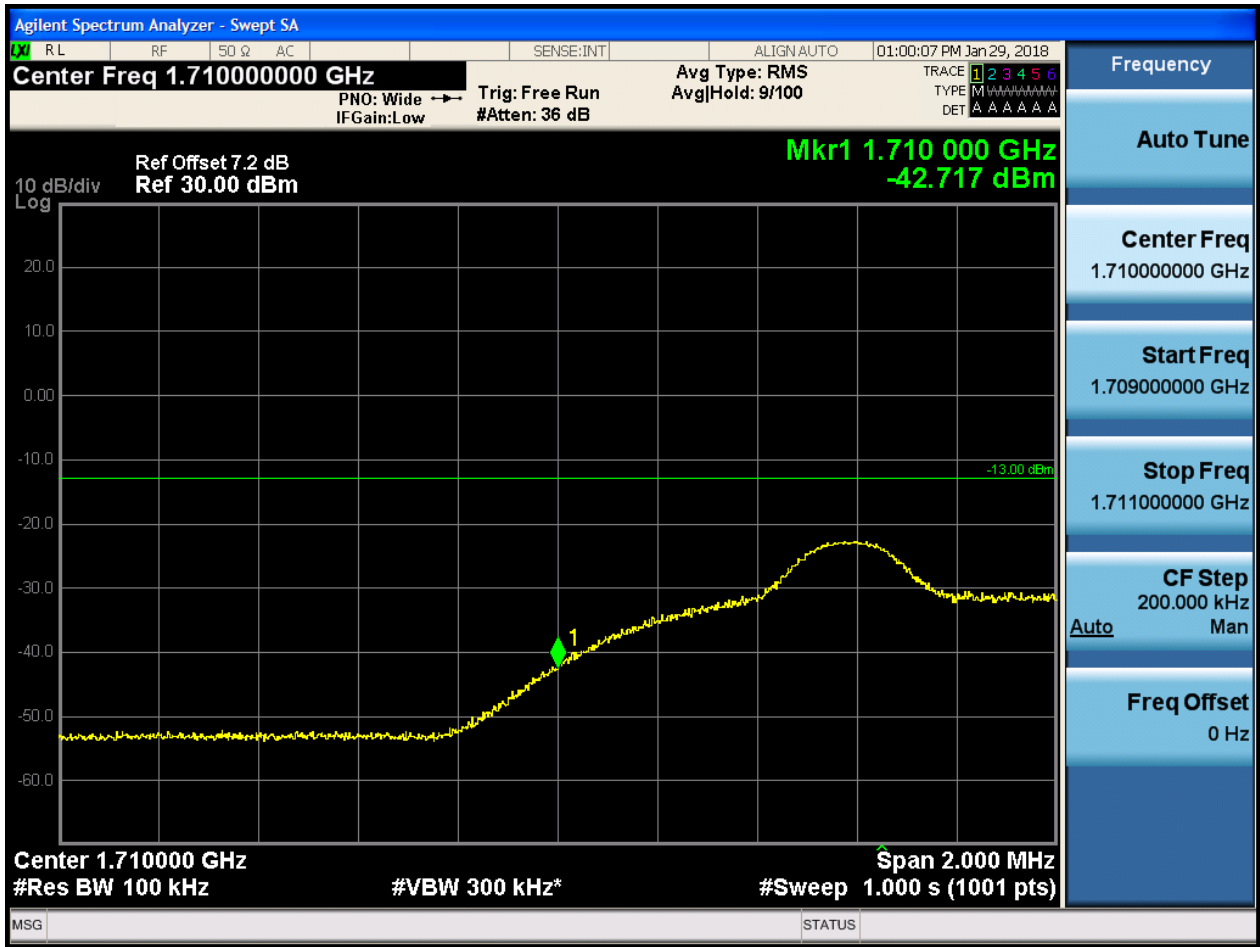
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



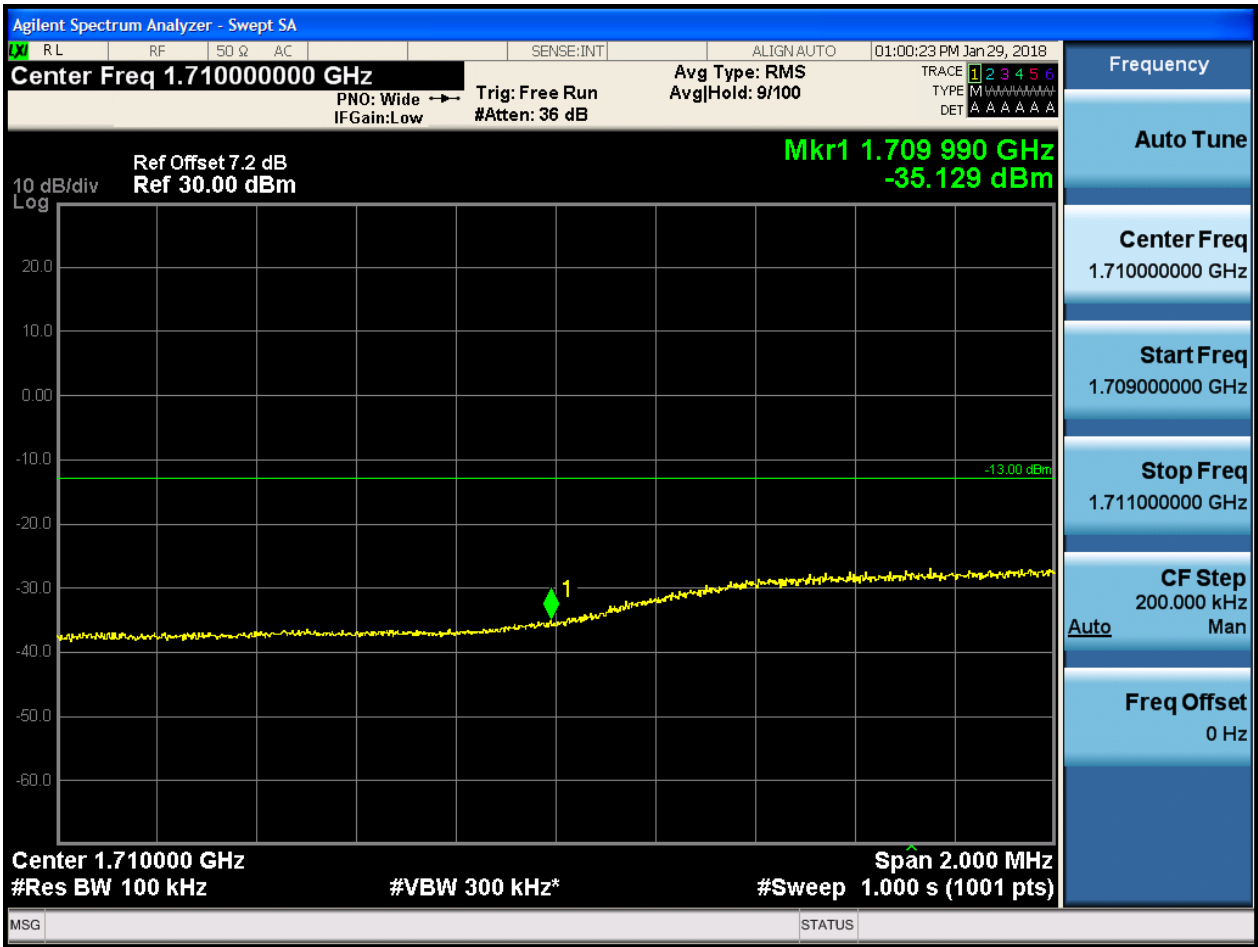


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





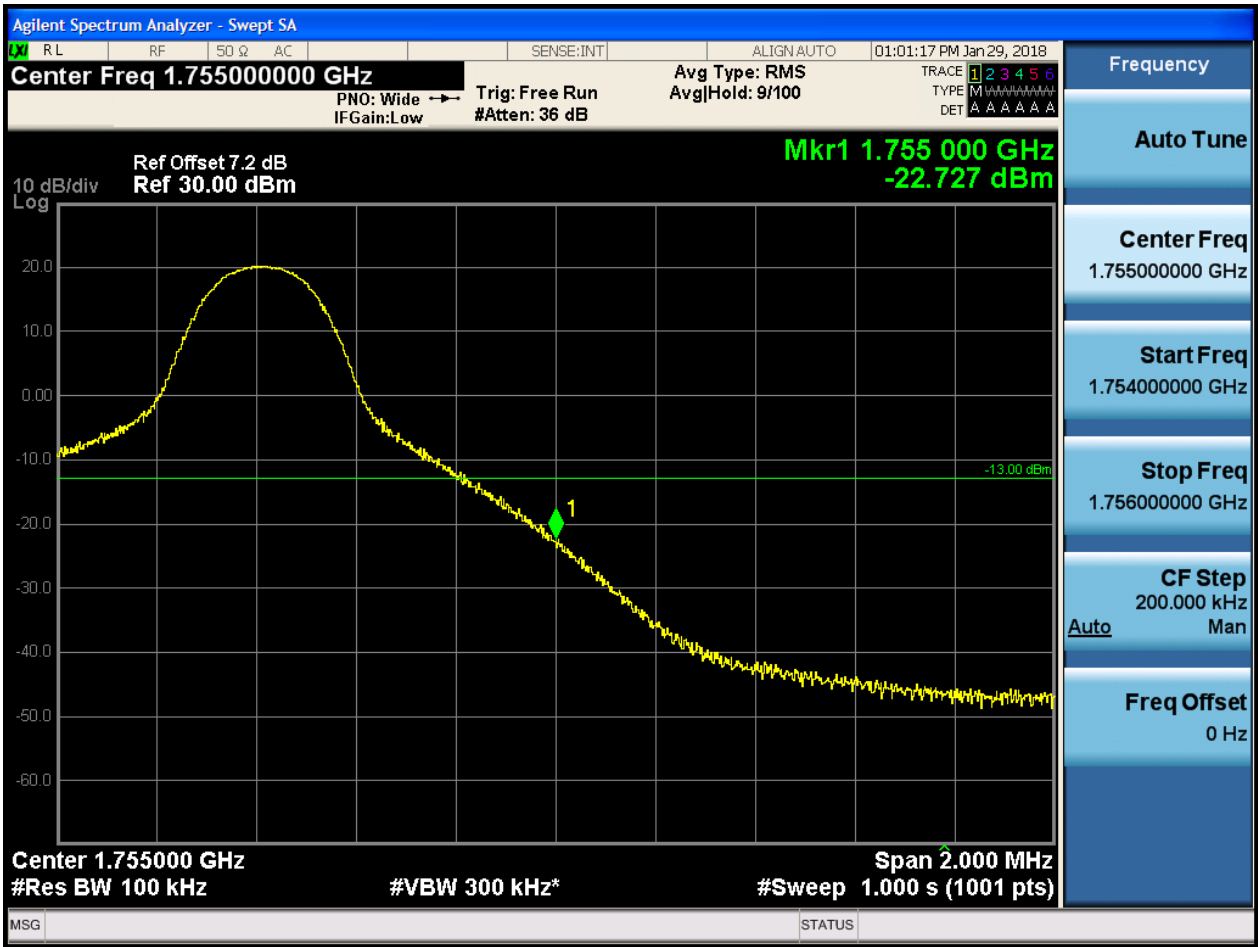
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



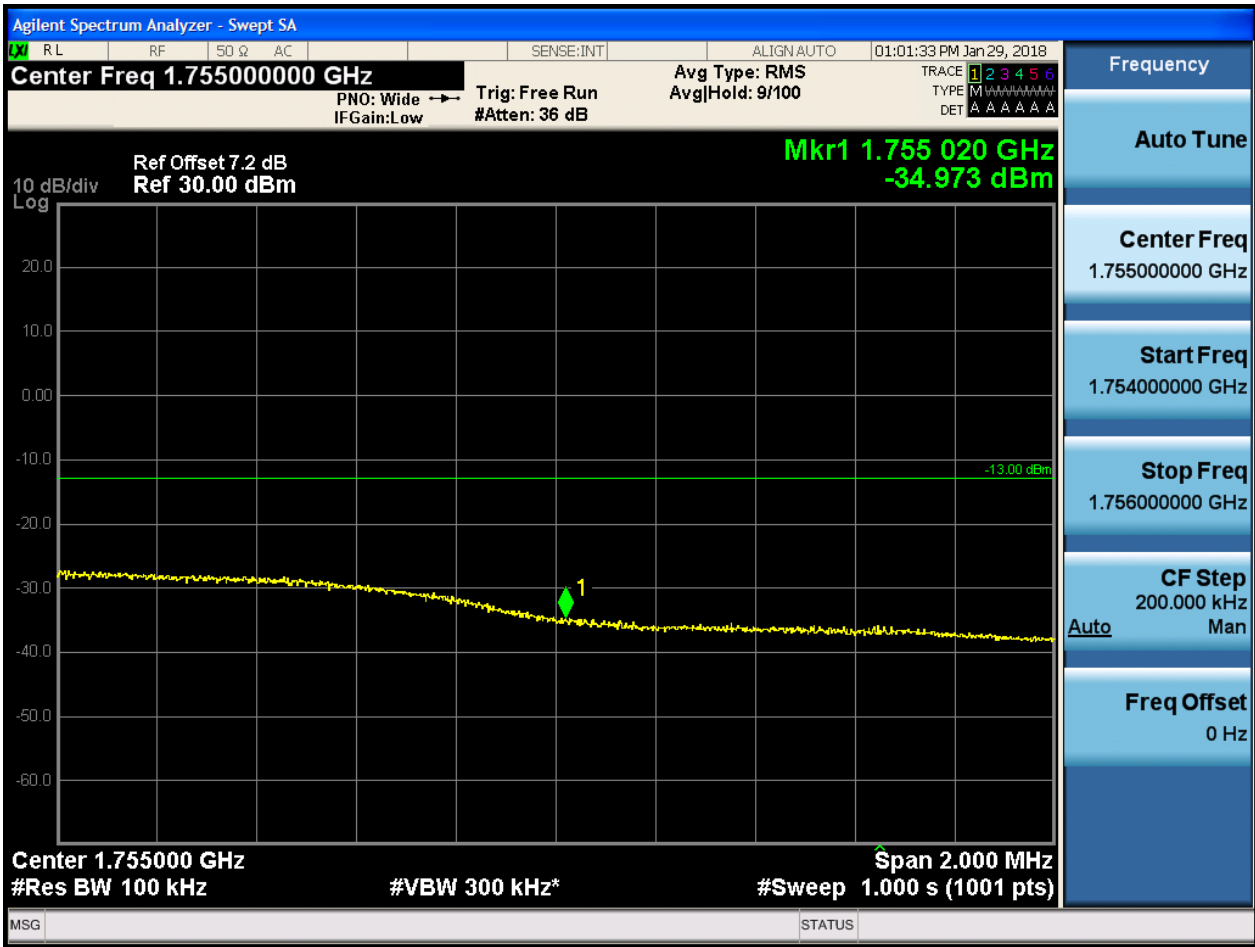


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

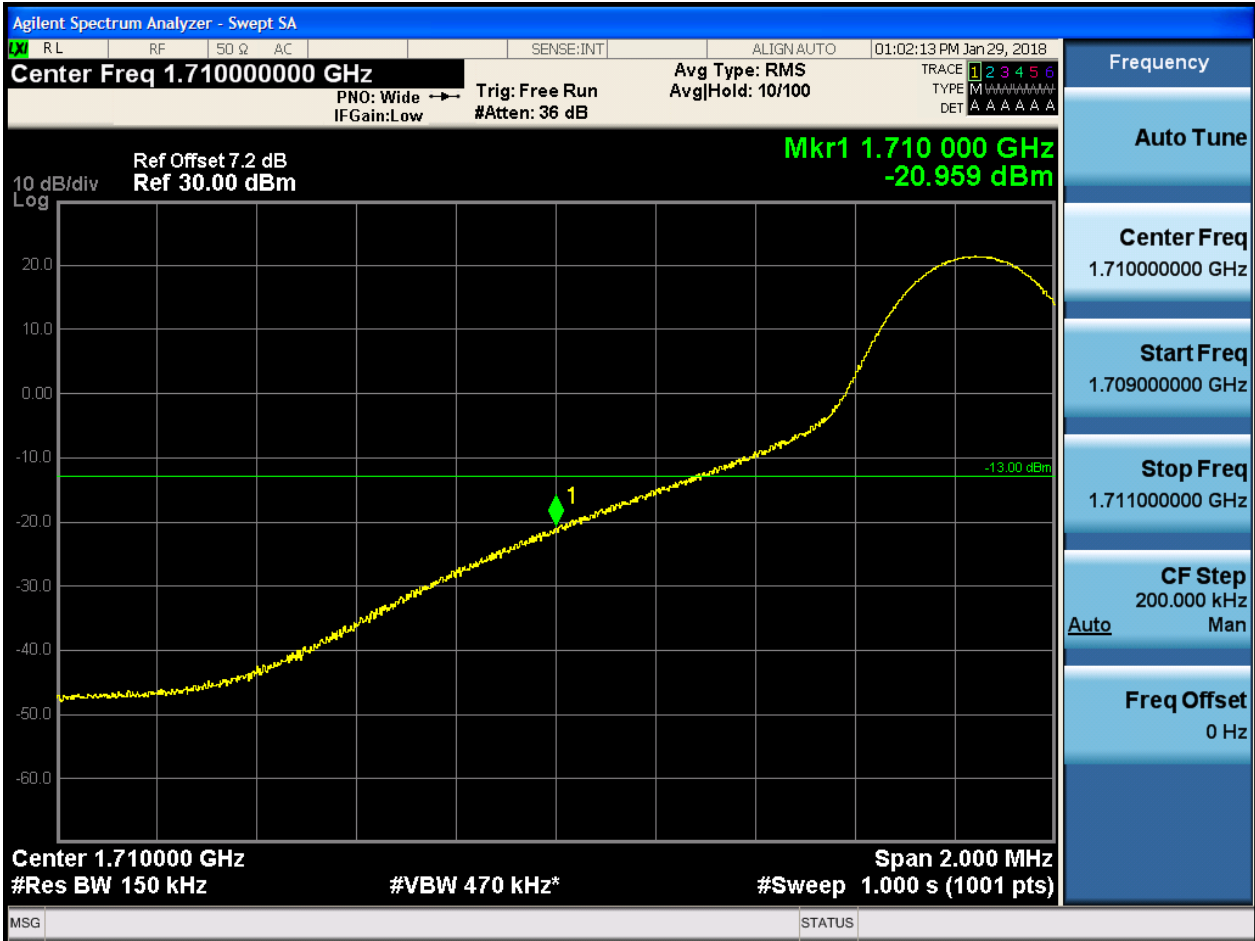




5.1.1.1.5 Test Bandwidth = 15

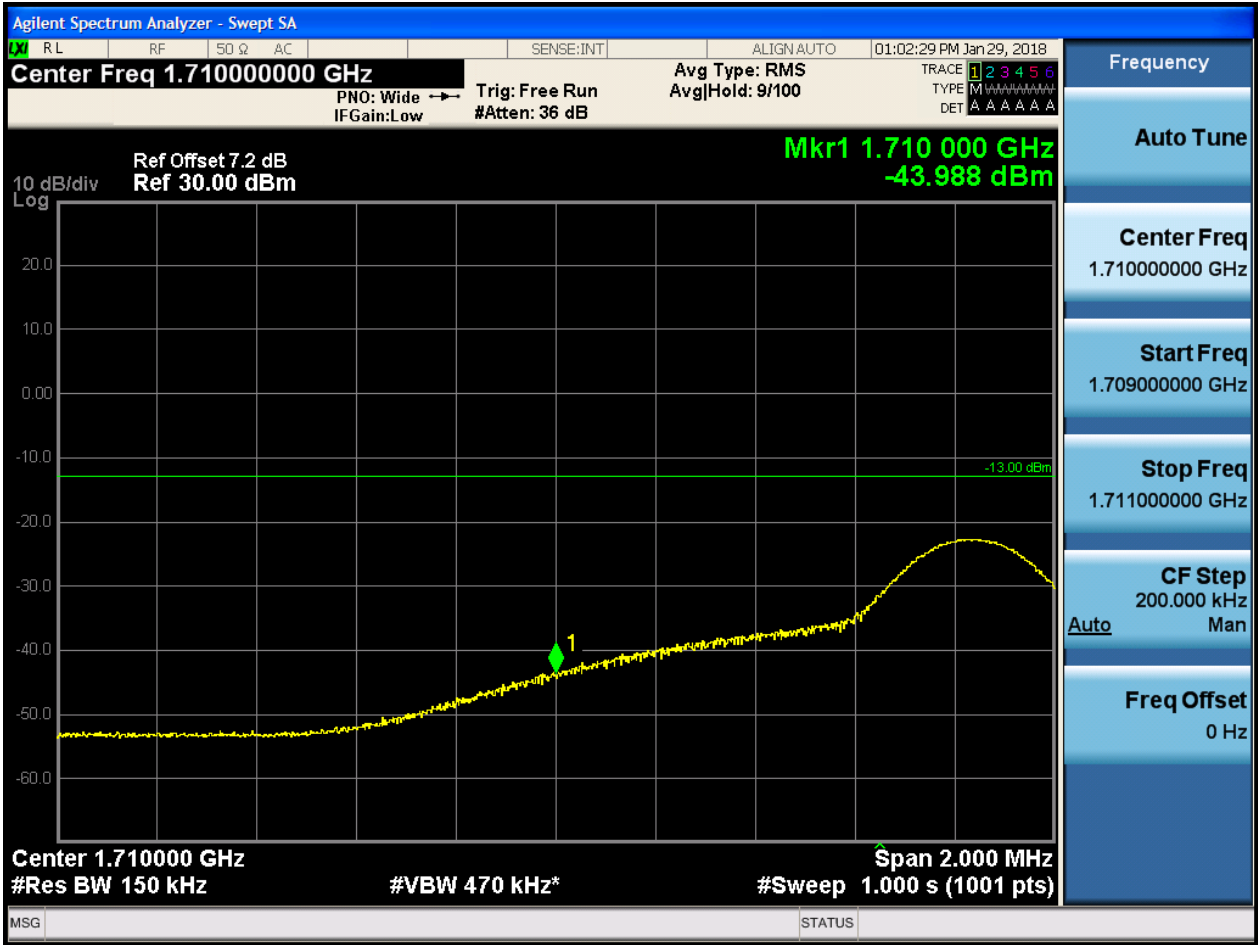
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



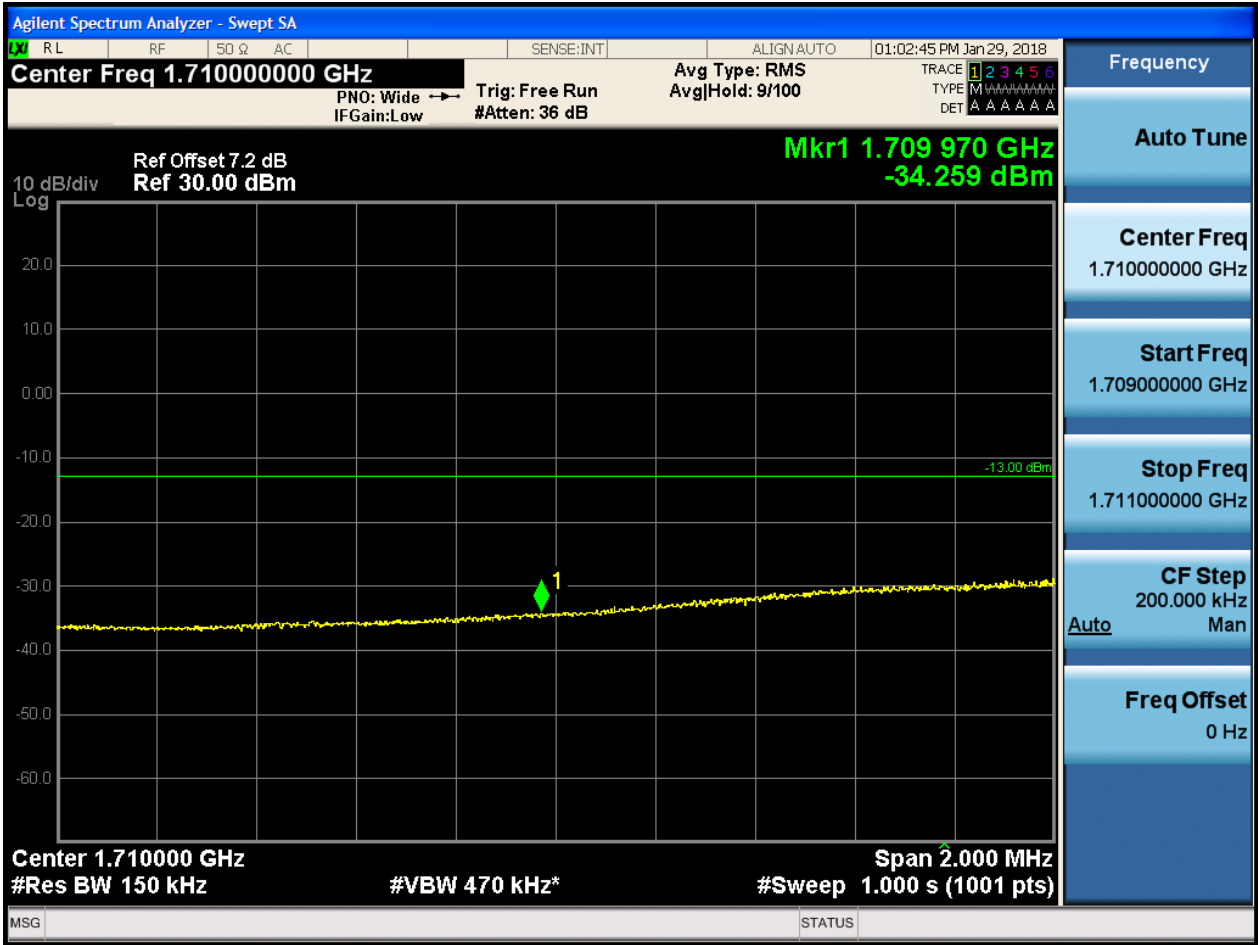


5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





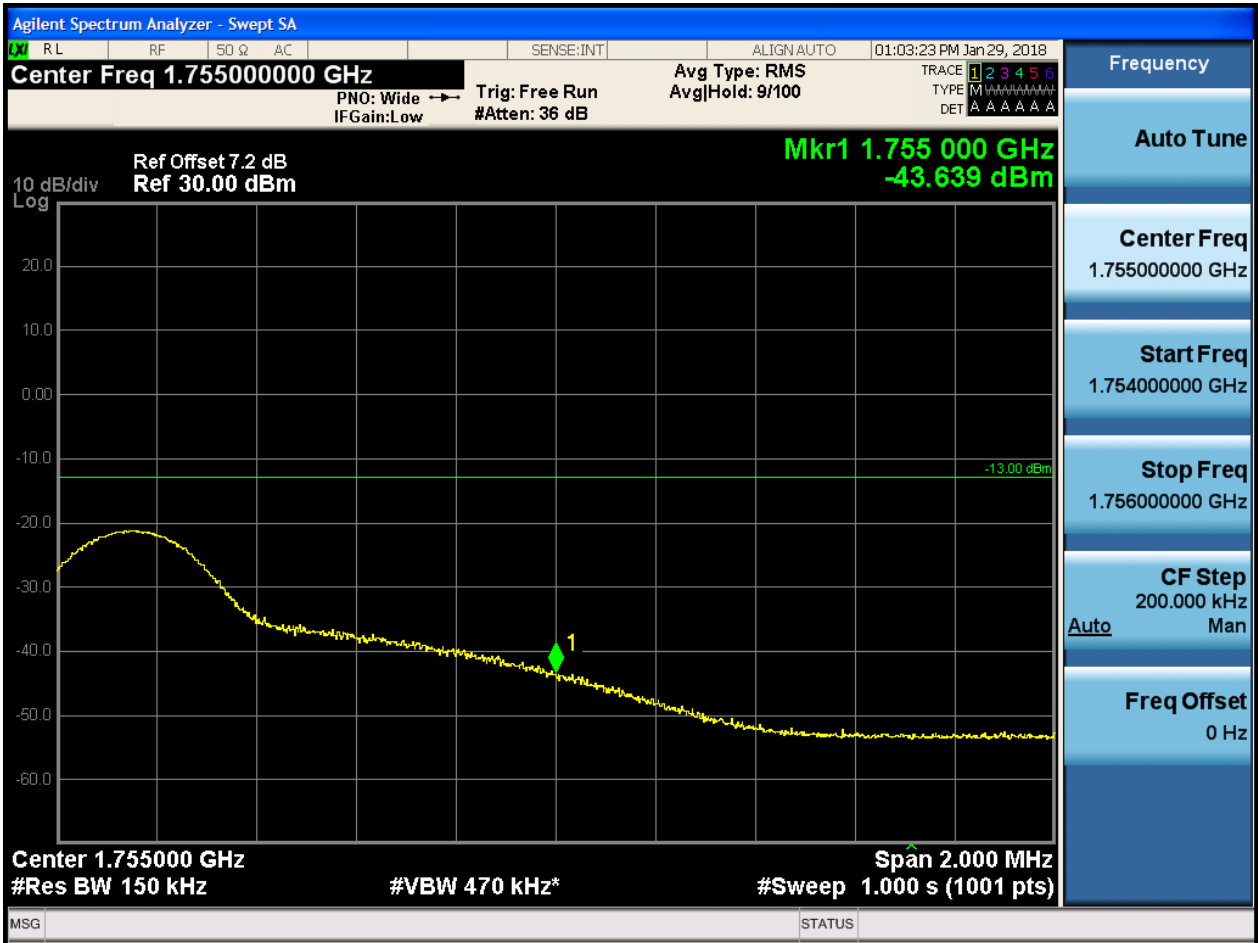
5.1.1.1.5.1.4 Test RB = RB75#0





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

