



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	23.1	22	30	PASS
				RB1#3	23.14	22.04	30	PASS
				RB1#5	23.05	21.95	30	PASS
				RB3#0	23.13	22.03	30	PASS
				RB3#2	23.12	22.02	30	PASS
				RB3#3	23.07	21.97	30	PASS
				RB6#0	22.18	21.08	30	PASS
			MCH	RB1#0	22.95	21.85	30	PASS
				RB1#3	23.07	21.97	30	PASS
				RB1#5	22.95	21.85	30	PASS
				RB3#0	23	21.9	30	PASS
				RB3#2	22.99	21.89	30	PASS
				RB3#3	22.97	21.87	30	PASS
				RB6#0	22.23	21.13	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.66	21.56	30	PASS
				RB1#3	22.64	21.54	30	PASS
				RB1#5	22.49	21.39	30	PASS
				RB3#0	22.65	21.55	30	PASS
				RB3#2	22.6	21.5	30	PASS
				RB3#3	22.58	21.48	30	PASS
				RB6#0	21.79	20.69	30	PASS
		3	LCH	RB1#0	23.06	21.96	30	PASS
				RB1#7	23.25	22.15	30	PASS
				RB1#14	23.1	22	30	PASS
				RB8#0	22.23	21.13	30	PASS
				RB8#4	22.3	21.2	30	PASS
				RB8#7	22.33	21.23	30	PASS
				RB15#0	22.27	21.17	30	PASS
			MCH	RB1#0	22.96	21.86	30	PASS
				RB1#7	23.1	22	30	PASS
				RB1#14	22.79	21.69	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	22.25	21.15	30	PASS	
				RB8#4	22.27	21.17	30	PASS	
				RB8#7	22.16	21.06	30	PASS	
				RB15#0	22.24	21.14	30	PASS	
			HCH	RB1#0	22.69	21.59	30	PASS	
				RB1#7	22.74	21.64	30	PASS	
				RB1#14	22.32	21.22	30	PASS	
				RB8#0	21.95	20.85	30	PASS	
			RB8#4	21.88	20.78	30	PASS		
			RB8#7	21.76	20.66	30	PASS		
			RB15#0	21.84	20.74	30	PASS		
			5	LCH	RB1#0	22.81	21.71	30	PASS
					RB1#13	23.18	22.08	30	PASS
					RB1#24	22.9	21.8	30	PASS
		RB12#0			22.07	20.97	30	PASS	
		RB12#6			22.27	21.17	30	PASS	
		RB12#13			22.19	21.09	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.12	21.02	30	PASS
			MCH	RB1#0	22.77	21.67	30	PASS
				RB1#13	23.05	21.95	30	PASS
				RB1#24	22.62	21.52	30	PASS
				RB12#0	22.23	21.13	30	PASS
				RB12#6	22.29	21.19	30	PASS
				RB12#13	22.07	20.97	30	PASS
				RB25#0	22.22	21.12	30	PASS
				HCH	RB1#0	22.78	21.68	30
			RB1#13		22.85	21.75	30	PASS
			RB1#24		22.25	21.15	30	PASS
			RB12#0		22.09	20.99	30	PASS
			RB12#6		22.04	20.94	30	PASS
			RB12#13		21.78	20.68	30	PASS
			RB25#0		21.89	20.79	30	PASS
		10	LCH	RB1#0	23.07	21.97	30	PASS
				RB1#25	23.39	22.29	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.38	22.28	30	PASS
				RB25#0	22.17	21.07	30	PASS
				RB25#13	22.35	21.25	30	PASS
				RB25#25	22.36	21.26	30	PASS
				RB50#0	22.33	21.23	30	PASS
			MCH	RB1#0	23.2	22.1	30	PASS
				RB1#25	23.1	22	30	PASS
				RB1#49	23.15	22.05	30	PASS
				RB25#0	22.25	21.15	30	PASS
				RB25#13	22.25	21.15	30	PASS
				RB25#25	22.07	20.97	30	PASS
				RB50#0	22.07	20.97	30	PASS
			HCH	RB1#0	23.29	22.19	30	PASS
				RB1#25	22.98	21.88	30	PASS
				RB1#49	22.69	21.59	30	PASS
				RB25#0	22.1	21	30	PASS
				RB25#13	22.15	21.05	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.83	20.73	30	PASS
				RB50#0	21.92	20.82	30	PASS
		15	LCH	RB1#0	22.68	21.58	30	PASS
				RB1#38	23.35	22.25	30	PASS
				RB1#74	22.9	21.8	30	PASS
				RB38#0	22.25	21.15	30	PASS
				RB38#19	22.32	21.22	30	PASS
				RB38#39	22.24	21.14	30	PASS
				RB75#0	22.35	21.25	30	PASS
			MCH	RB1#0	22.91	21.81	30	PASS
				RB1#38	23	21.9	30	PASS
				RB1#74	22.69	21.59	30	PASS
				RB38#0	22.23	21.13	30	PASS
				RB38#19	22.4	21.3	30	PASS
				RB38#39	22.27	21.17	30	PASS
HCH	RB75#0	22.23	21.13	30	PASS			
HCH	RB1#0	22.88	21.78	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	23.05	21.95	30	PASS	
				RB1#74	22.42	21.32	30	PASS	
				RB38#0	22.26	21.16	30	PASS	
				RB38#19	22.21	21.11	30	PASS	
				RB38#39	21.94	20.84	30	PASS	
				RB75#0	22.11	21.01	30	PASS	
		20	LCH	RB1#0	21.82	20.72	30	PASS	
				RB1#50	22.53	21.43	30	PASS	
				RB1#99	21.91	20.81	30	PASS	
				RB50#0	22.19	21.09	30	PASS	
				RB50#25	22.35	21.25	30	PASS	
				RB50#50	22.18	21.08	30	PASS	
				MCH	RB100#0	22.29	21.19	30	PASS
			RB1#0		22.04	20.94	30	PASS	
			RB1#50		22.3	21.2	30	PASS	
			RB1#99		22.01	20.91	30	PASS	
					RB50#0	22.18	21.08	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.14	21.04	30	PASS
				RB50#50	22.28	21.18	30	PASS
				RB100#0	22.25	21.15	30	PASS
			HCH	RB1#0	21.84	20.74	30	PASS
				RB1#50	22.45	21.35	30	PASS
				RB1#99	21.66	20.56	30	PASS
				RB50#0	22.14	21.04	30	PASS
				RB50#25	22.24	21.14	30	PASS
				RB50#50	21.94	20.84	30	PASS
				RB100#0	22.05	20.95	30	PASS
			LCH	RB1#0	22.21	21.11	30	PASS
				RB1#3	22.18	21.08	30	PASS
				RB1#5	22.11	21.01	30	PASS
				RB3#0	22.32	21.22	30	PASS
RB3#2	22.23	21.13		30	PASS			
RB3#3	22.22	21.12		30	PASS			
RB6#0	21.39	20.29		30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.03	20.93	30	PASS
				RB1#3	22.13	21.03	30	PASS
				RB1#5	22	20.9	30	PASS
				RB3#0	22.17	21.07	30	PASS
				RB3#2	22.23	21.13	30	PASS
				RB3#3	22.21	21.11	30	PASS
			RB6#0	21.28	20.18	30	PASS	
			HCH	RB1#0	21.94	20.84	30	PASS
				RB1#3	21.99	20.89	30	PASS
				RB1#5	21.78	20.68	30	PASS
				RB3#0	21.93	20.83	30	PASS
				RB3#2	21.87	20.77	30	PASS
		RB3#3		21.8	20.7	30	PASS	
		3	LCH	RB1#0	22.02	20.92	30	PASS
				RB1#7	22.17	21.07	30	PASS
				RB1#14	22.11	21.01	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.14	20.04	30	PASS
				RB8#4	21.23	20.13	30	PASS
				RB8#7	21.17	20.07	30	PASS
				RB15#0	21.19	20.09	30	PASS
			MCH	RB1#0	22.1	21	30	PASS
				RB1#7	22.29	21.19	30	PASS
				RB1#14	21.98	20.88	30	PASS
				RB8#0	21.31	20.21	30	PASS
				RB8#4	21.33	20.23	30	PASS
				RB8#7	21.24	20.14	30	PASS
				RB15#0	21.2	20.1	30	PASS
			HCH	RB1#0	22.04	20.94	30	PASS
				RB1#7	22.1	21	30	PASS
				RB1#14	21.75	20.65	30	PASS
				RB8#0	21.12	20.02	30	PASS
				RB8#4	21.06	19.96	30	PASS
				RB8#7	20.94	19.84	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.04	19.94	30	PASS
		5	LCH	RB1#0	22.24	21.14	30	PASS
				RB1#13	22.62	21.52	30	PASS
				RB1#24	22.41	21.31	30	PASS
				RB12#0	21.47	20.37	30	PASS
				RB12#6	21.59	20.49	30	PASS
				RB12#13	21.52	20.42	30	PASS
				RB25#0	21.49	20.39	30	PASS
			MCH	RB1#0	22.32	21.22	30	PASS
				RB1#13	22.62	21.52	30	PASS
				RB1#24	22.19	21.09	30	PASS
				RB12#0	21.32	20.22	30	PASS
				RB12#6	21.32	20.22	30	PASS
				RB12#13	21.16	20.06	30	PASS
			HCH	RB25#0	21.25	20.15	30	PASS
				RB1#0	22.25	21.15	30	PASS
				RB1#13	22.34	21.24	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.76	20.66	30	PASS
				RB12#0	21.21	20.11	30	PASS
				RB12#6	21.24	20.14	30	PASS
				RB12#13	20.96	19.86	30	PASS
				RB25#0	21.03	19.93	30	PASS
		10	LCH	RB1#0	22.13	21.03	30	PASS
				RB1#25	22.41	21.31	30	PASS
				RB1#49	22.37	21.27	30	PASS
				RB25#0	21.33	20.23	30	PASS
				RB25#13	21.4	20.3	30	PASS
				RB25#25	21.41	20.31	30	PASS
				RB50#0	21.41	20.31	30	PASS
			MCH	RB1#0	22.57	21.47	30	PASS
				RB1#25	22.35	21.25	30	PASS
				RB1#49	22.48	21.38	30	PASS
				RB25#0	21.44	20.34	30	PASS
				RB25#13	21.44	20.34	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB25#25	21.39	20.29	30	PASS
				RB50#0	21.34	20.24	30	PASS
				RB1#0	22.63	21.53	30	PASS
				RB1#25	22.46	21.36	30	PASS
				RB1#49	22.09	20.99	30	PASS
				RB25#0	21.28	20.18	30	PASS
				RB25#13	21.25	20.15	30	PASS
				RB25#25	21.05	19.95	30	PASS
			RB50#0	21.12	20.02	30	PASS	
			LCH	RB1#0	21.7	20.6	30	PASS
				RB1#38	22.52	21.42	30	PASS
				RB1#74	22.07	20.97	30	PASS
				RB38#0	21.33	20.23	30	PASS
				RB38#19	21.39	20.29	30	PASS
				RB38#39	21.38	20.28	30	PASS
RB75#0	21.43	20.33		30	PASS			
MCH	RB1#0	22.05	20.95	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.33	21.23	30	PASS
				RB1#74	22.12	21.02	30	PASS
				RB38#0	21.34	20.24	30	PASS
				RB38#19	21.48	20.38	30	PASS
				RB38#39	21.34	20.24	30	PASS
				RB75#0	21.21	20.11	30	PASS
			HCH	RB1#0	22.03	20.93	30	PASS
				RB1#38	22.49	21.39	30	PASS
				RB1#74	21.62	20.52	30	PASS
				RB38#0	21.34	20.24	30	PASS
				RB38#19	21.34	20.24	30	PASS
				RB38#39	21.16	20.06	30	PASS
		20	LCH	RB1#0	22.12	21.02	30	PASS
				RB1#50	22.83	21.73	30	PASS
				RB1#99	22.19	21.09	30	PASS
				RB50#0	21.33	20.23	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.19	20.09	30	PASS
				RB50#50	21.36	20.26	30	PASS
				RB100#0	21.35	20.25	30	PASS
			MCH	RB1#0	22.2	21.1	30	PASS
				RB1#50	22.44	21.34	30	PASS
				RB1#99	22.15	21.05	30	PASS
				RB50#0	21.33	20.23	30	PASS
				RB50#25	21.27	20.17	30	PASS
				RB50#50	21.4	20.3	30	PASS
				RB100#0	21.33	20.23	30	PASS
			HCH	RB1#0	22.06	20.96	30	PASS
				RB1#50	22.7	21.6	30	PASS
				RB1#99	21.83	20.73	30	PASS
				RB50#0	21.37	20.27	30	PASS
				RB50#25	21.29	20.19	30	PASS
				RB50#50	21.1	20	30	PASS
				RB100#0	21.27	20.17	30	PASS



Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP = Signal Generator Level

Note2:

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

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

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

SET Sweep time = auto - couple.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	4.49	13	PASS
				RB1#3	4.4	13	PASS
				RB1#5	4.54	13	PASS
				RB3#0	4.82	13	PASS
				RB3#2	4.9	13	PASS
				RB3#3	4.79	13	PASS
			RB6#0	5.64	13	PASS	
			MCH	RB1#0	3.96	13	PASS
				RB1#3	3.89	13	PASS
				RB1#5	3.97	13	PASS
				RB3#0	4.4	13	PASS
				RB3#2	4.31	13	PASS
				RB3#3	4.32	13	PASS
			HCH	RB6#0	5.41	13	PASS
				RB1#0	4.54	13	PASS
				RB1#3	4.53	13	PASS
				RB1#5	4.63	13	PASS
				RB3#0	4.88	13	PASS
		RB3#2		4.88	13	PASS	
		3	LCH	RB3#3	4.84	13	PASS
				RB6#0	5.72	13	PASS
				RB1#0	4.56	13	PASS
				RB1#7	4.45	13	PASS
				RB1#14	4.56	13	PASS
				RB8#0	5.38	13	PASS
			MCH	RB8#4	5.31	13	PASS
				RB8#7	5.27	13	PASS
RB15#0	5.64			13	PASS		
MCH	RB1#0	4.01	13	PASS			
	RB1#7	3.95	13	PASS			
	RB1#14	4.1	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	4.76	13	PASS	
				RB8#4	4.73	13	PASS	
				RB8#7	4.77	13	PASS	
				RB15#0	4.94	13	PASS	
			HCH	RB1#0	4.53	13	PASS	
				RB1#7	4.43	13	PASS	
				RB1#14	4.64	13	PASS	
				RB8#0	5.04	13	PASS	
				RB8#4	5.01	13	PASS	
				RB8#7	5.09	13	PASS	
				RB15#0	5.43	13	PASS	
				LCH	RB1#0	4.54	13	PASS
					RB1#13	4.41	13	PASS
					RB1#24	4.46	13	PASS
		RB12#0			5.21	13	PASS	
		RB12#6			5.25	13	PASS	
		RB12#13	5.18		13	PASS		
		RB25#0	5.8		13	PASS		
		MCH	RB1#0	3.98	13	PASS		
			RB1#13	3.9	13	PASS		
			RB1#24	4.2	13	PASS		
			RB12#0	4.87	13	PASS		
			RB12#6	5.06	13	PASS		
			RB12#13	4.99	13	PASS		
		HCH	RB25#0	5.06	13	PASS		
			RB1#0	4.58	13	PASS		
			RB1#13	4.51	13	PASS		
			RB1#24	4.6	13	PASS		
			RB12#0	5.24	13	PASS		
			RB12#6	5.19	13	PASS		
		LCH	RB12#13	5.29	13	PASS		
			RB25#0	5.55	13	PASS		
RB1#0	4.44		13	PASS				
RB1#25	4.32		13	PASS				
RB1#49	4.02		13	PASS				
RB25#0	5.24		13	PASS				
RB25#13	5.22		13	PASS				
RB25#25	5.2	13	PASS					
RB50#0	5.68	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	3.69	13	PASS
				RB1#25	3.92	13	PASS
				RB1#49	4.07	13	PASS
				RB25#0	4.94	13	PASS
				RB25#13	4.86	13	PASS
				RB25#25	5.06	13	PASS
				RB50#0	5.59	13	PASS
			HCH	RB1#0	4.23	13	PASS
				RB1#25	4.41	13	PASS
				RB1#49	4.4	13	PASS
				RB25#0	5.4	13	PASS
				RB25#13	5.33	13	PASS
				RB25#25	5.38	13	PASS
				RB50#0	5.8	13	PASS
		15	LCH	RB1#0	4.56	13	PASS
				RB1#38	4.14	13	PASS
				RB1#74	4.11	13	PASS
				RB38#0	5.2	13	PASS
				RB38#19	5.14	13	PASS
				RB38#39	5.05	13	PASS
				RB75#0	5.69	13	PASS
			MCH	RB1#0	4.15	13	PASS
				RB1#38	3.96	13	PASS
				RB1#74	4.48	13	PASS
				RB38#0	4.87	13	PASS
				RB38#19	4.81	13	PASS
				RB38#39	4.96	13	PASS
				RB75#0	5.53	13	PASS
		HCH	RB1#0	4.32	13	PASS	
			RB1#38	4.39	13	PASS	
			RB1#74	4.53	13	PASS	
			RB38#0	5.24	13	PASS	
RB38#19	5.22		13	PASS			
RB38#39	5.24		13	PASS			
RB75#0	5.86		13	PASS			
20	LCH	RB1#0	4.87	13	PASS		
		RB1#50	4.47	13	PASS		
		RB1#99	4.53	13	PASS		
		RB50#0	5.25	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB50#25	5.07	13	PASS			
				RB50#50	4.98	13	PASS			
				RB100#0	5.79	13	PASS			
			MCH	RB1#0	4.8	13	PASS			
				RB1#50	4.42	13	PASS			
				RB1#99	5.14	13	PASS			
				RB50#0	4.92	13	PASS			
				RB50#25	4.98	13	PASS			
				RB50#50	5.06	13	PASS			
			HCH	RB100#0	5.61	13	PASS			
				RB1#0	4.7	13	PASS			
				RB1#50	4.63	13	PASS			
				RB1#99	4.95	13	PASS			
				RB50#0	5.2	13	PASS			
			LTE/TM2	1.4		LCH	RB50#25	5.22	13	PASS
							RB50#50	5.35	13	PASS
							RB100#0	6.08	13	PASS
							RB1#0	4.97	13	PASS
	RB1#3	5.01					13	PASS		
	RB1#5	5.02					13	PASS		
	MCH	RB3#0				5.31	13	PASS		
		RB3#2				5.27	13	PASS		
		RB3#3				5.26	13	PASS		
		RB6#0				5.99	13	PASS		
		RB1#0				4.68	13	PASS		
		RB1#3				4.83	13	PASS		
	HCH	RB1#5			4.76	13	PASS			
		RB3#0			5.01	13	PASS			
		RB3#2			5.11	13	PASS			
		RB3#3	4.99	13	PASS					
		RB6#0	5.63	13	PASS					
		3	LCH	RB1#0	4.72	13	PASS			
			RB1#3	4.79	13	PASS				
		RB1#5	4.7	13	PASS					
		RB3#0	5.2	13	PASS					
		RB3#2	5.26	13	PASS					
		RB3#3	5.15	13	PASS					
		RB6#0	6.03	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#7	4.88	13	PASS	
				RB1#14	4.98	13	PASS	
				RB8#0	5.48	13	PASS	
				RB8#4	5.47	13	PASS	
				RB8#7	5.46	13	PASS	
				RB15#0	5.43	13	PASS	
			MCH	RB1#0	4.78	13	PASS	
				RB1#7	4.62	13	PASS	
				RB1#14	4.9	13	PASS	
				RB8#0	5.23	13	PASS	
				RB8#4	5.16	13	PASS	
				RB8#7	5.25	13	PASS	
			HCH	RB15#0	5.77	13	PASS	
				RB1#0	4.76	13	PASS	
				RB1#7	4.62	13	PASS	
				RB1#14	4.9	13	PASS	
				RB8#0	5.53	13	PASS	
				RB8#4	5.7	13	PASS	
		5	LCH		RB8#7	5.51	13	PASS
					RB15#0	5.78	13	PASS
					RB1#0	4.68	13	PASS
					RB1#13	4.67	13	PASS
					RB1#24	4.64	13	PASS
					RB12#0	5.48	13	PASS
			MCH	RB12#6	5.39	13	PASS	
				RB12#13	5.41	13	PASS	
				RB25#0	6.34	13	PASS	
				RB1#0	4.36	13	PASS	
				RB1#13	4.33	13	PASS	
				RB1#24	4.56	13	PASS	
HCH	RB12#0	5.29	13	PASS				
	RB12#6	5.12	13	PASS				
	RB12#13	5.27	13	PASS				
	RB25#0	5.61	13	PASS				
	RB12#0	5.44	13	PASS				
				RB12#6	5.33	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#13	5.46	13	PASS
				RB25#0	6.23	13	PASS
		10	LCH	RB1#0	4.91	13	PASS
				RB1#25	4.62	13	PASS
				RB1#49	4.49	13	PASS
				RB25#0	5.6	13	PASS
				RB25#13	5.43	13	PASS
				RB25#25	5.52	13	PASS
				RB50#0	6.24	13	PASS
				MCH	RB1#0	4.6	13
			RB1#25		4.68	13	PASS
			RB1#49		4.83	13	PASS
			RB25#0		5.3	13	PASS
			RB25#13		5.15	13	PASS
			RB25#25		5.31	13	PASS
			HCH	RB1#0	4.78	13	PASS
				RB1#25	4.79	13	PASS
				RB1#49	4.86	13	PASS
				RB25#0	5.62	13	PASS
				RB25#13	5.55	13	PASS
		RB25#25		5.63	13	PASS	
		15	LCH	RB1#0	5.32	13	PASS
				RB1#38	4.67	13	PASS
				RB1#74	4.76	13	PASS
				RB38#0	5.47	13	PASS
				RB38#19	5.43	13	PASS
				RB38#39	5.43	13	PASS
				RB75#0	6.11	13	PASS
			MCH	RB1#0	4.56	13	PASS
				RB1#38	4.43	13	PASS
				RB1#74	4.84	13	PASS
				RB38#0	5.22	13	PASS
RB38#19	5.16			13	PASS		
RB38#39	5.28			13	PASS		
HCH	RB1#0		5.94	13	PASS		
	RB1#38	5.24	13	PASS			
			HCH	RB1#38	4.77	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#74	5.26	13	PASS
				RB38#0	5.5	13	PASS
				RB38#19	5.48	13	PASS
				RB38#39	5.59	13	PASS
				RB75#0	6.31	13	PASS
			LCH	RB1#0	5.74	13	PASS
				RB1#50	4.4	13	PASS
				RB1#99	5.05	13	PASS
				RB50#0	5.55	13	PASS
				RB50#25	5.37	13	PASS
		RB50#50		5.35	13	PASS	
		RB100#0		6.2	13	PASS	
		MCH	RB1#0	4.45	13	PASS	
			RB1#50	4.4	13	PASS	
			RB1#99	4.71	13	PASS	
			RB50#0	5.33	13	PASS	
			RB50#25	5.2	13	PASS	
			RB50#50	5.46	13	PASS	
			RB100#0	6.03	13	PASS	
		HCH	RB1#0	4.6	13	PASS	
			RB1#50	4.53	13	PASS	
			RB1#99	4.67	13	PASS	
			RB50#0	5.53	13	PASS	
			RB50#25	5.49	13	PASS	
			RB50#50	5.63	13	PASS	
			RB100#0	6.35	13	PASS	

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

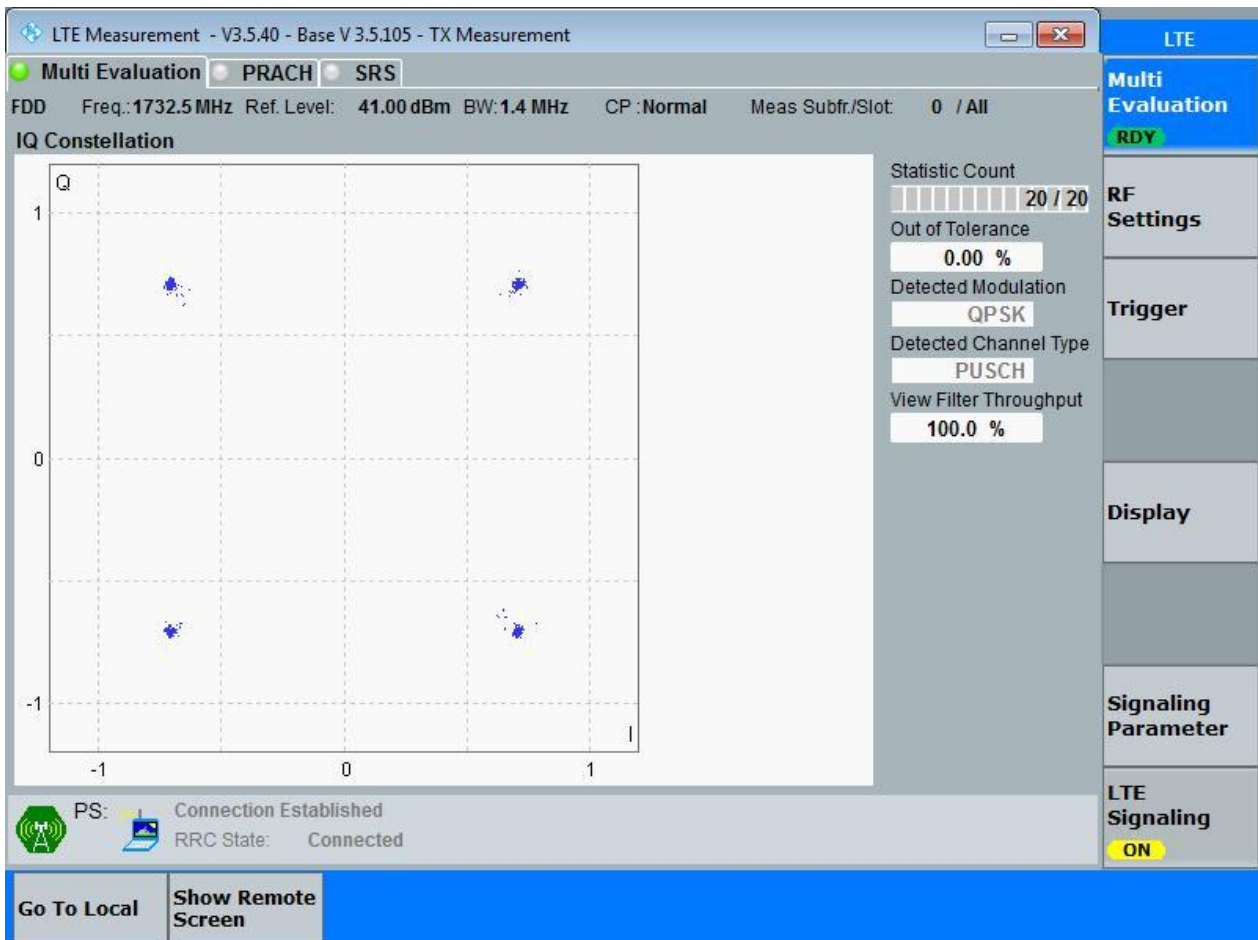
3.1.1 Test Band = BAND4

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

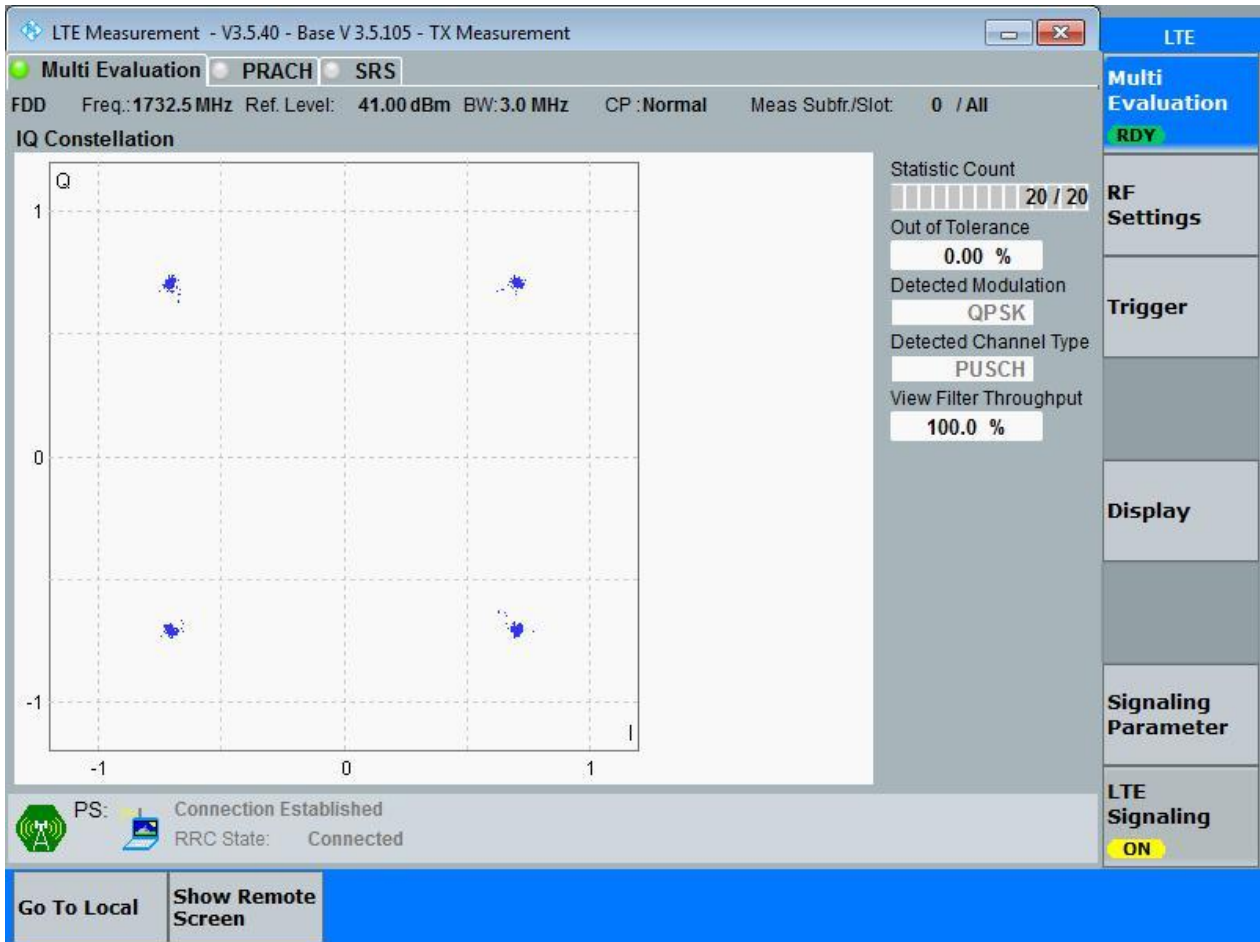
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

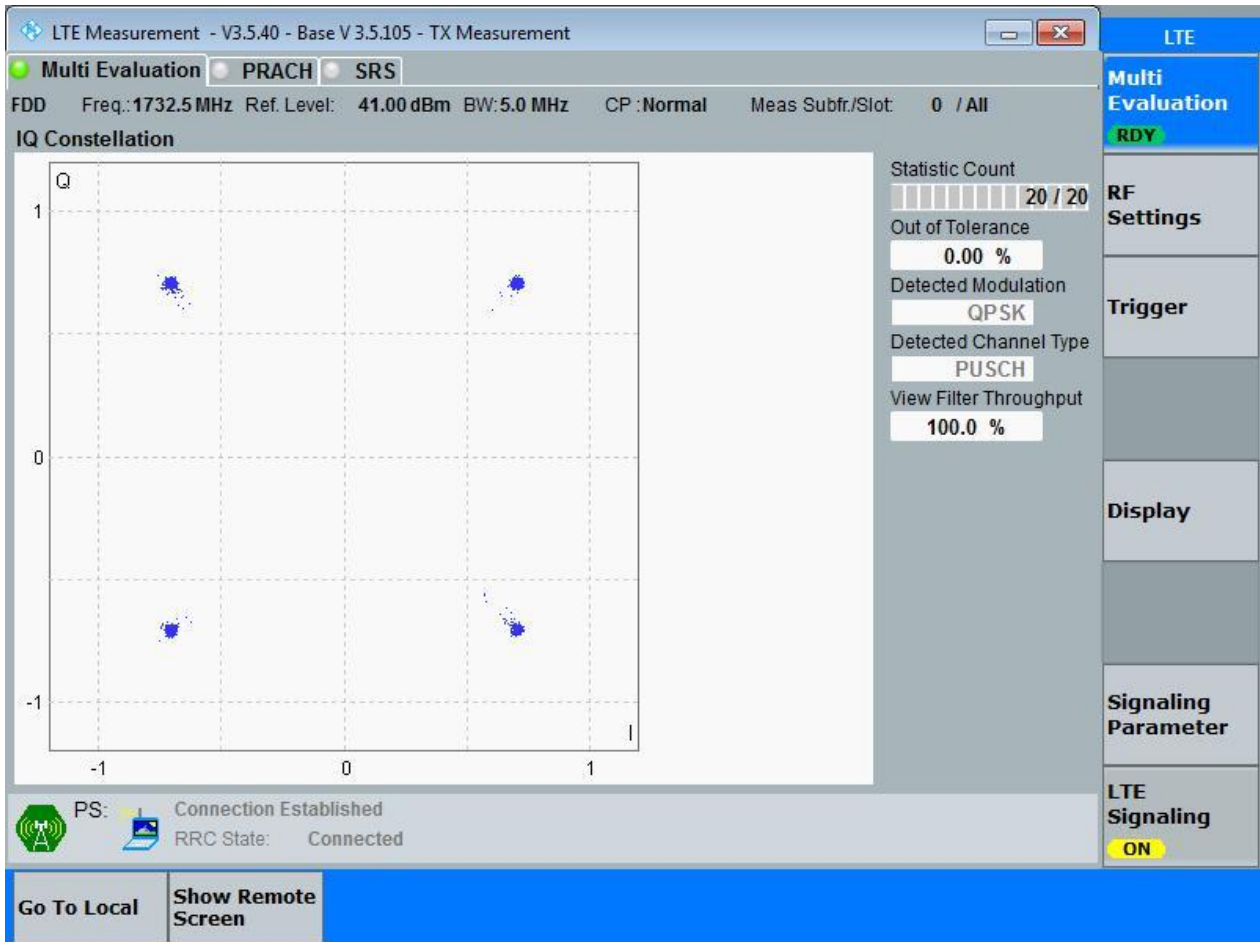
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

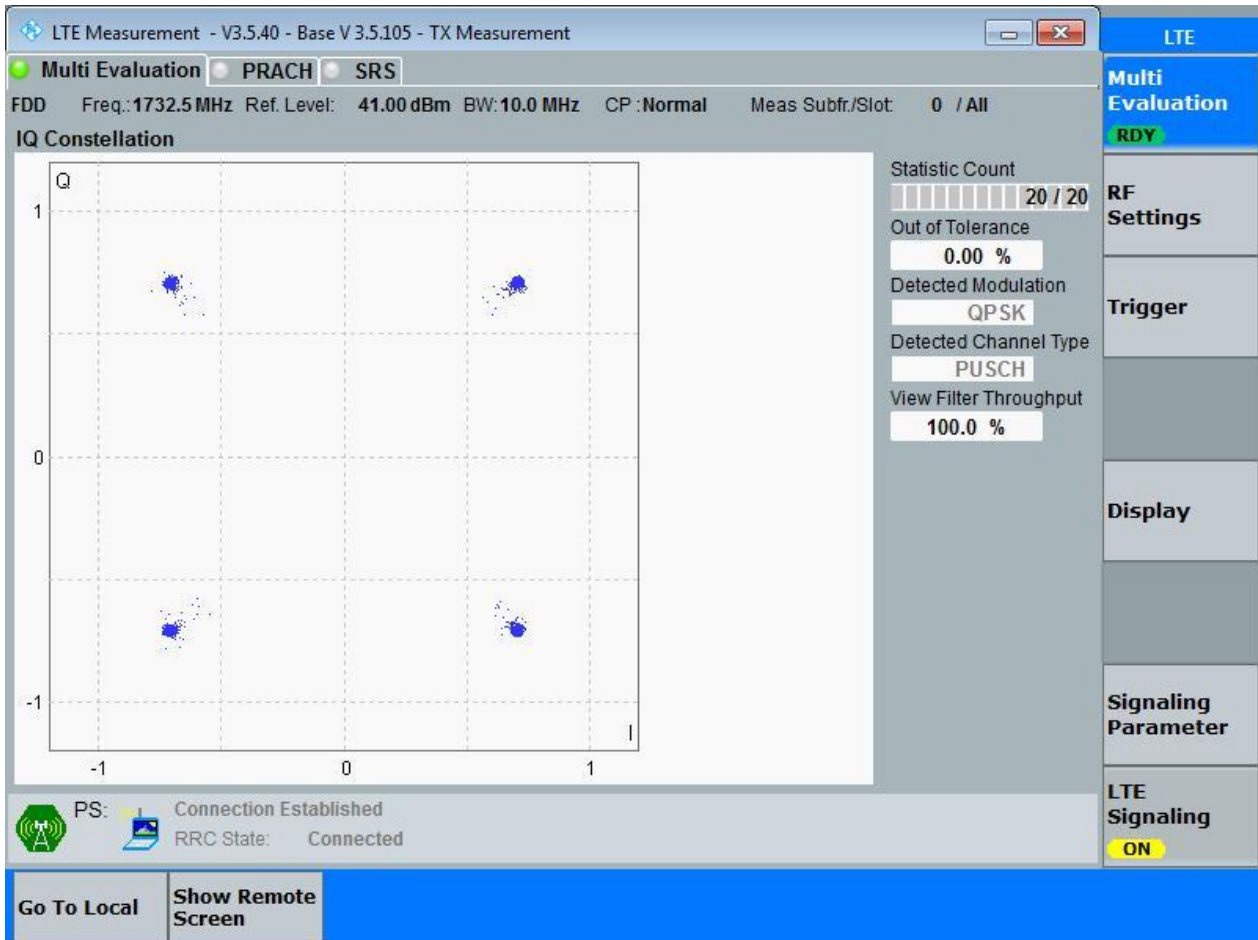
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

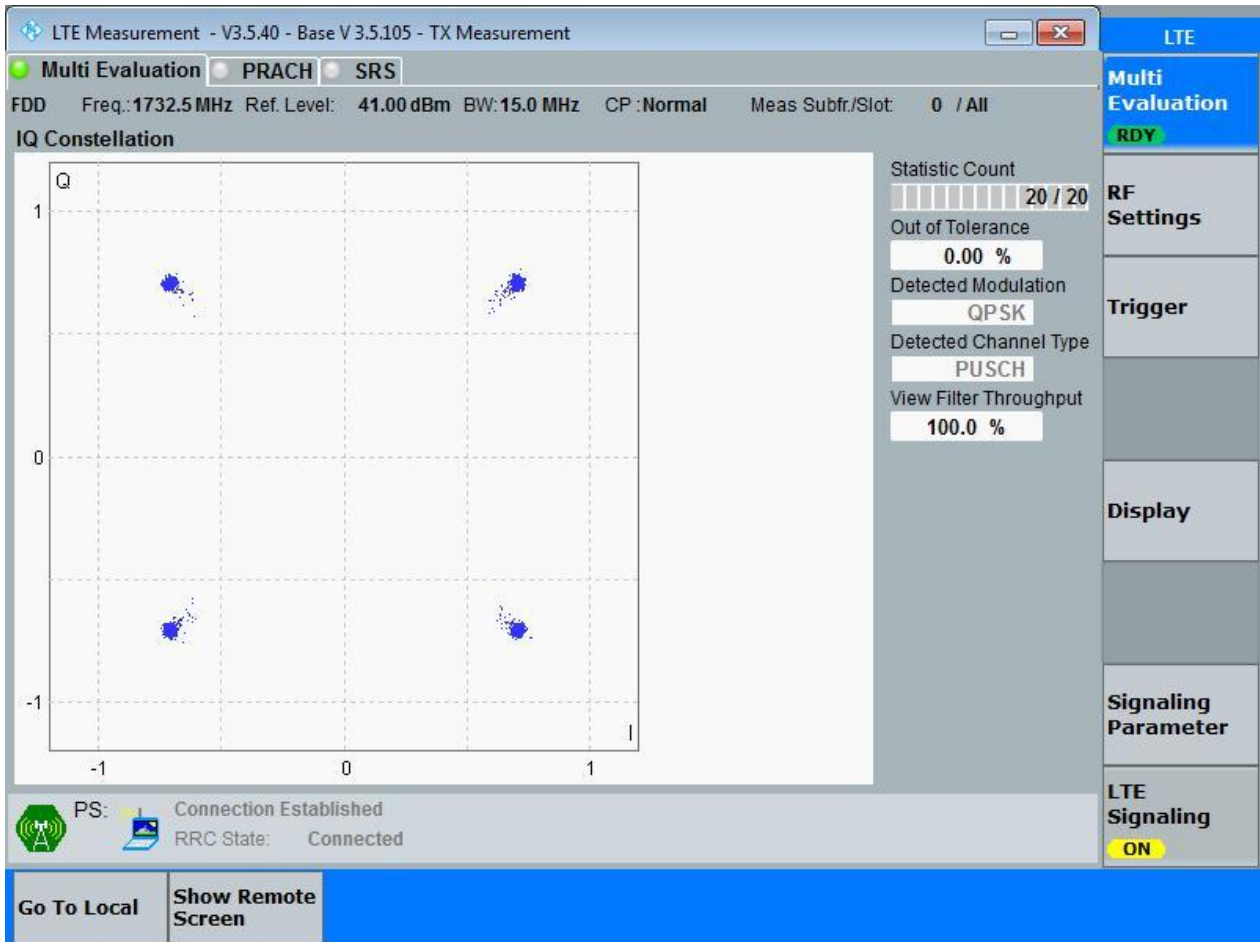
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

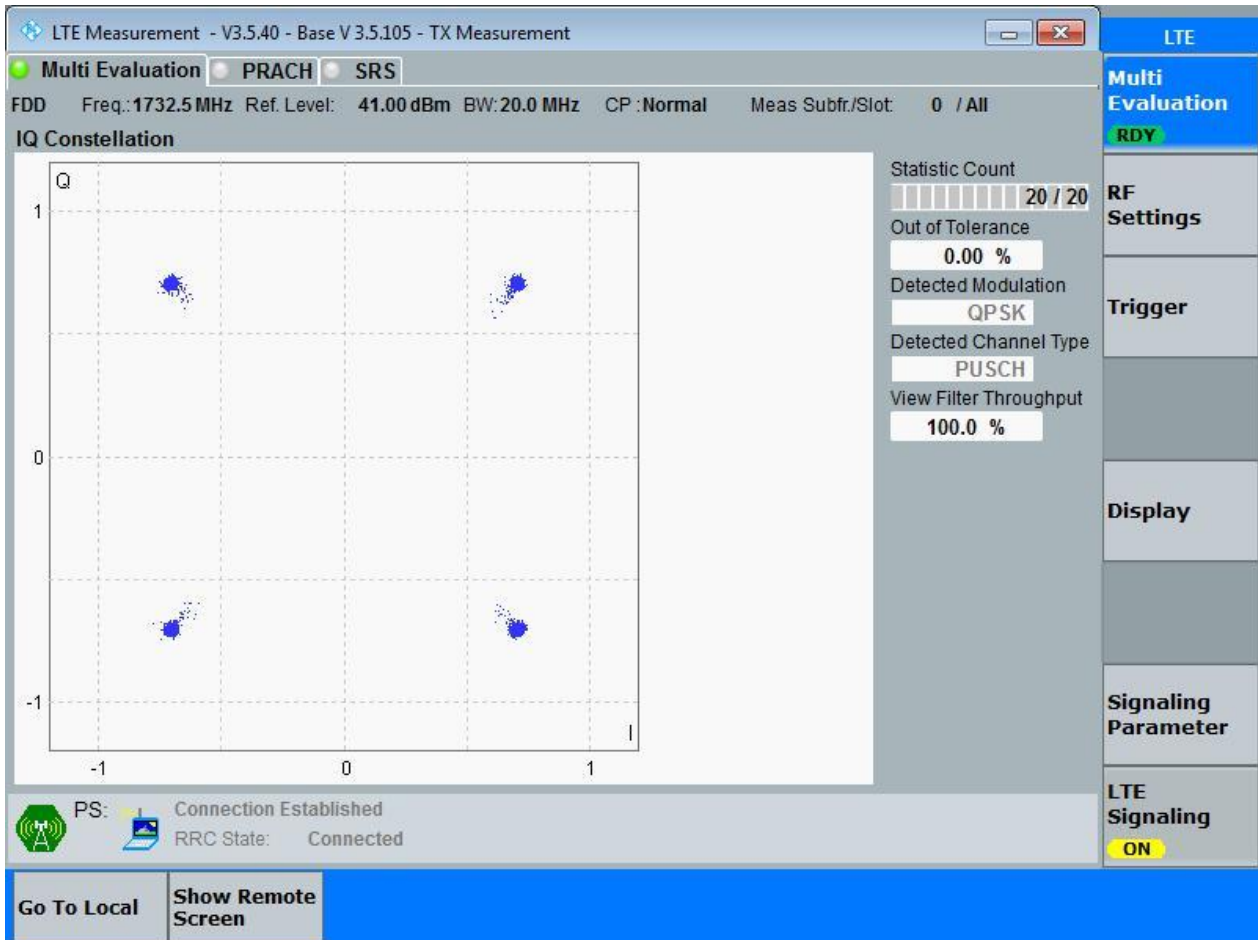
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

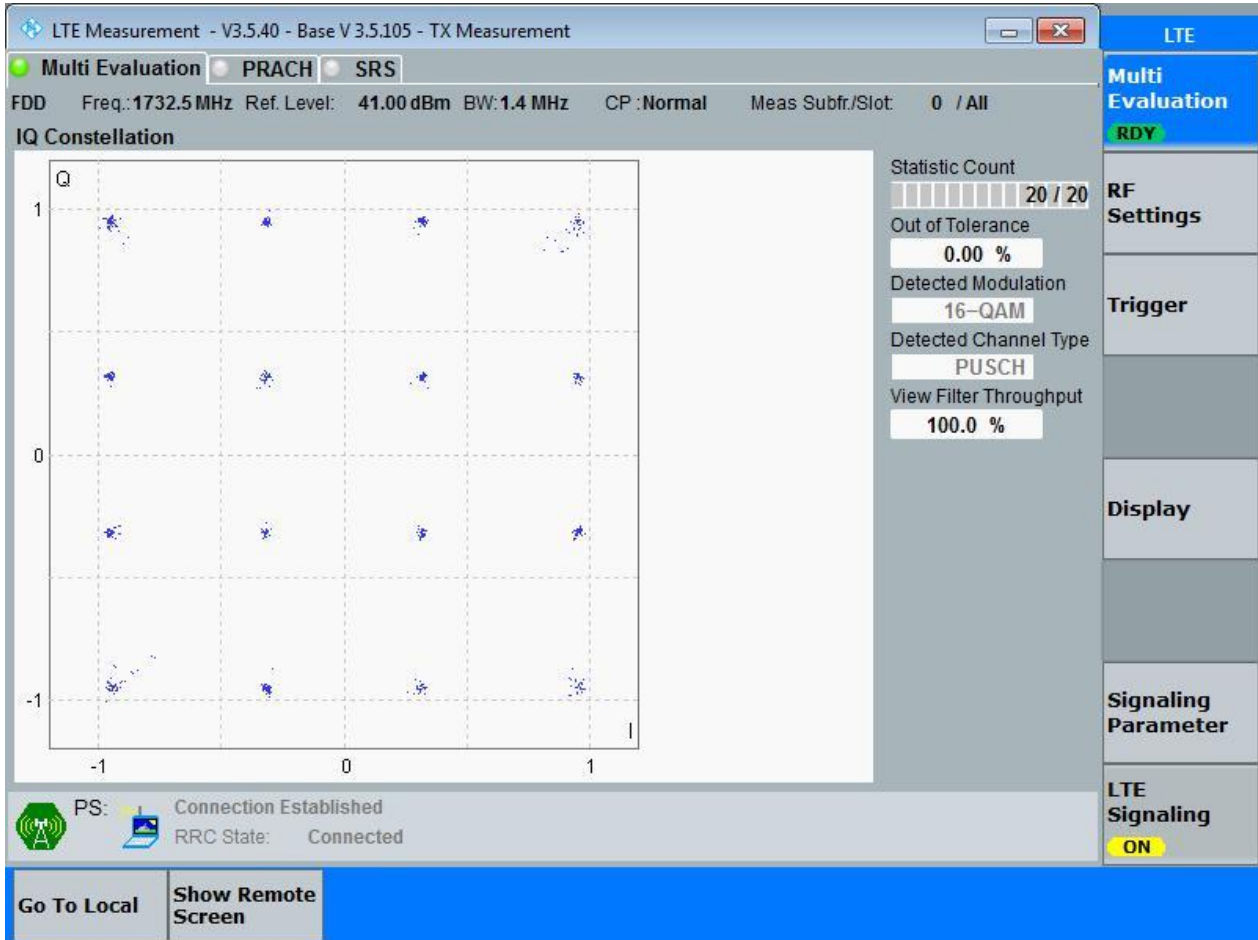


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

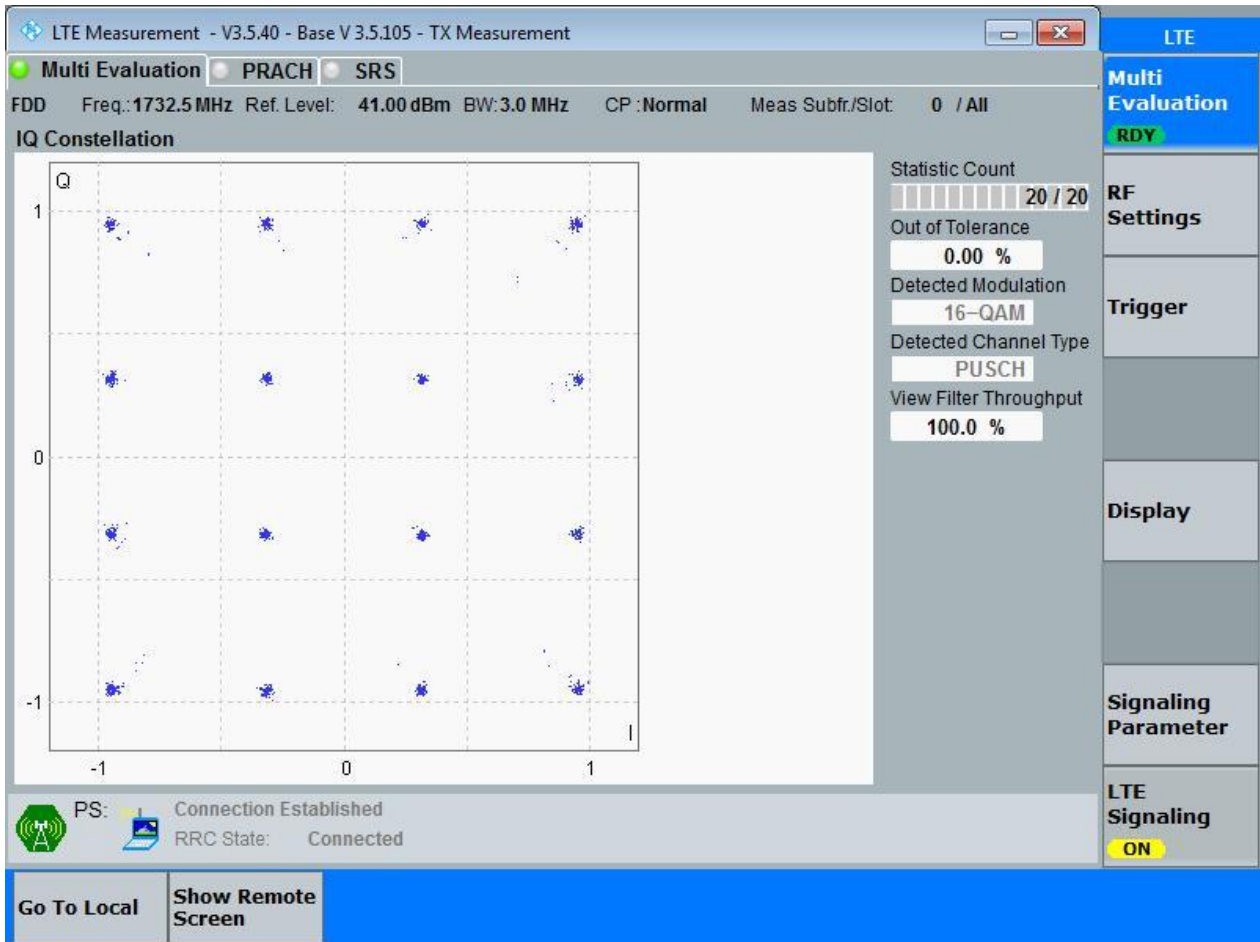
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

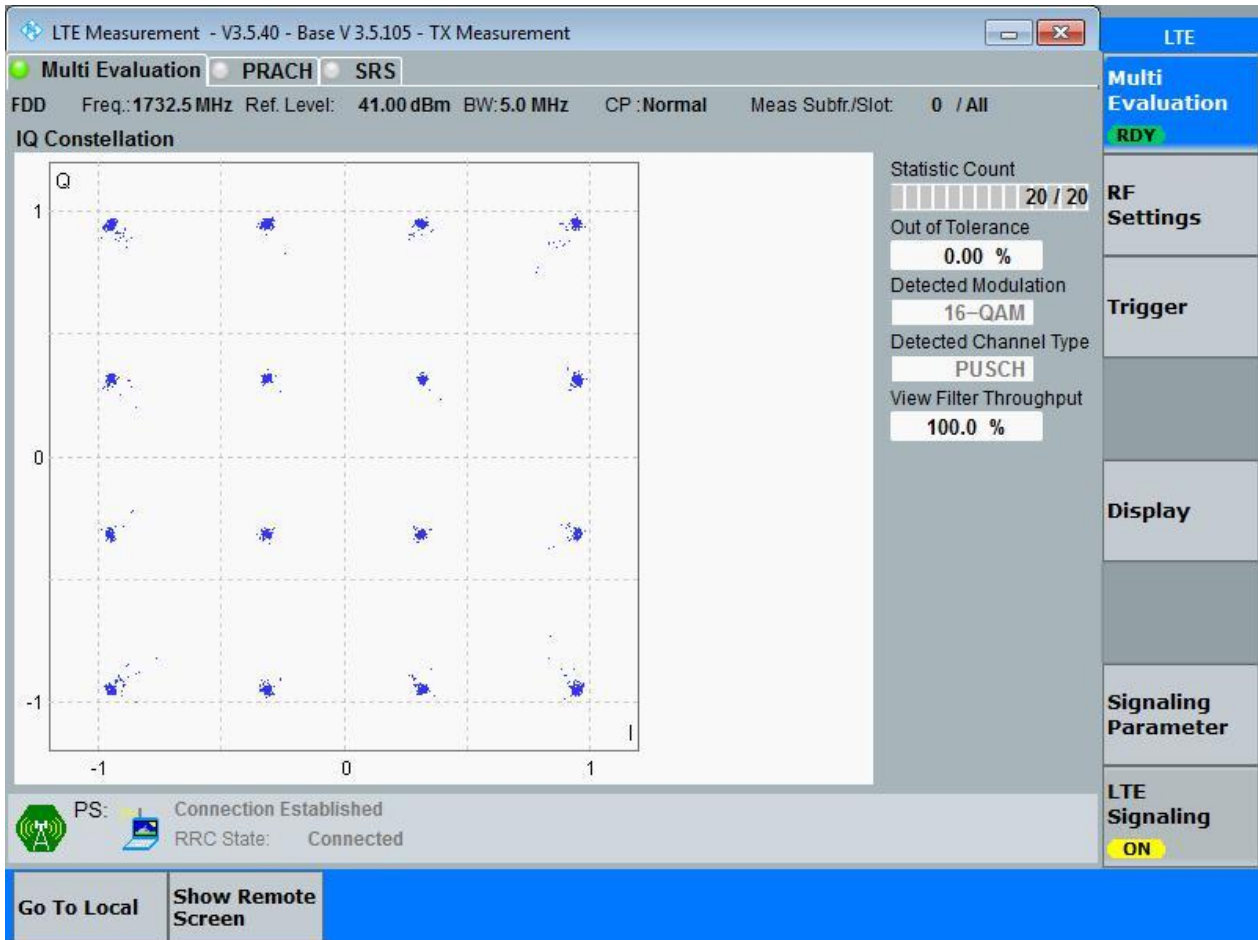
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

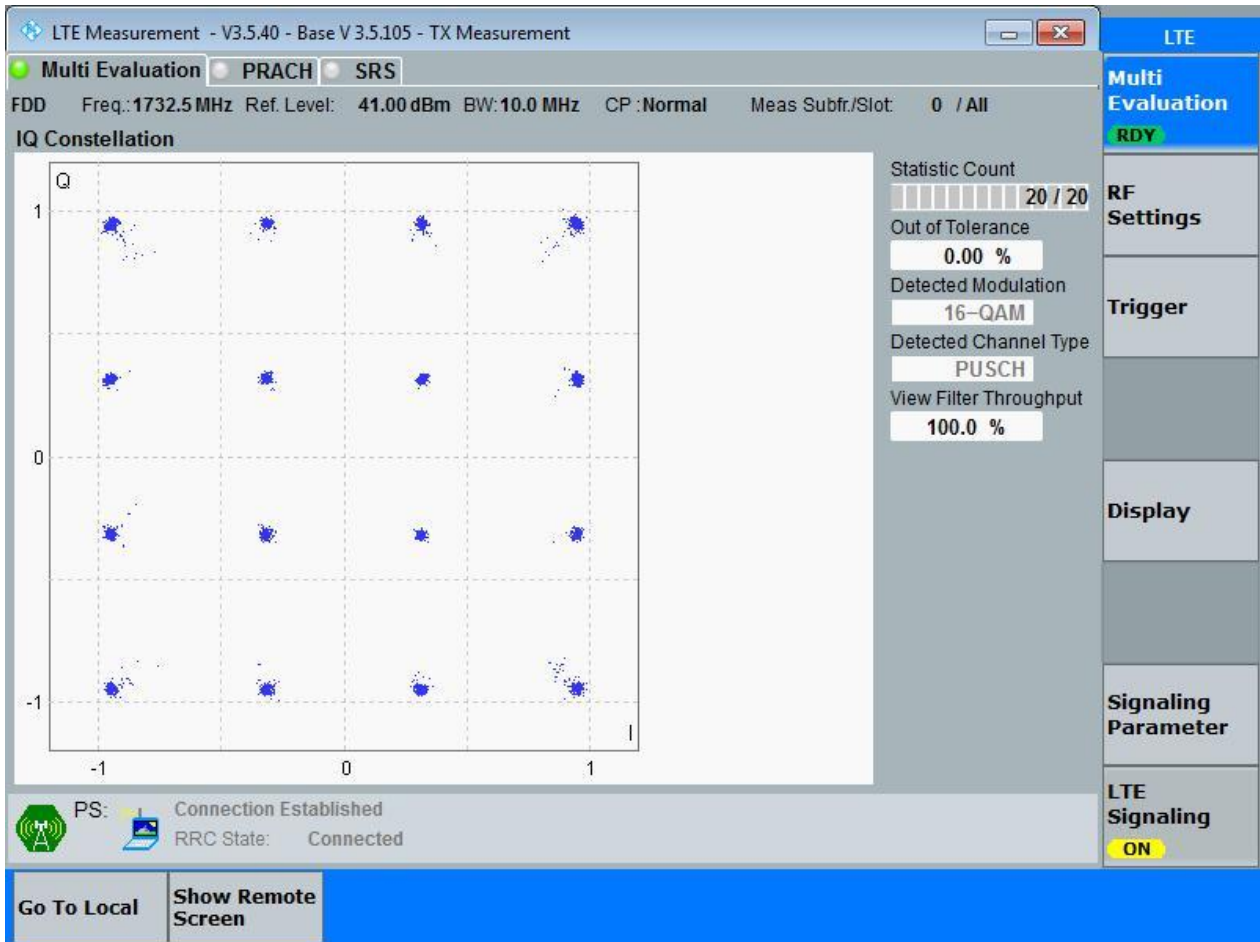
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

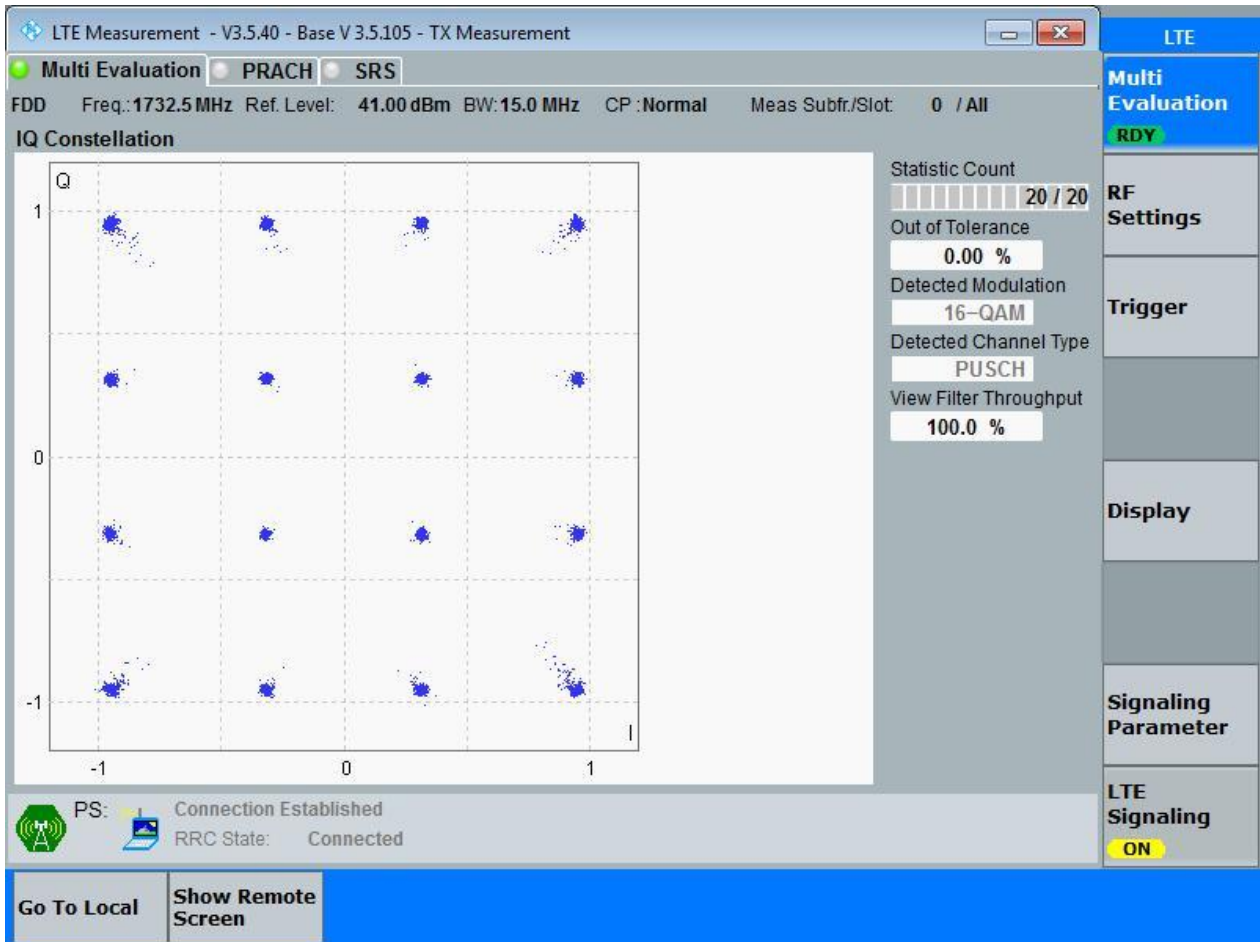
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

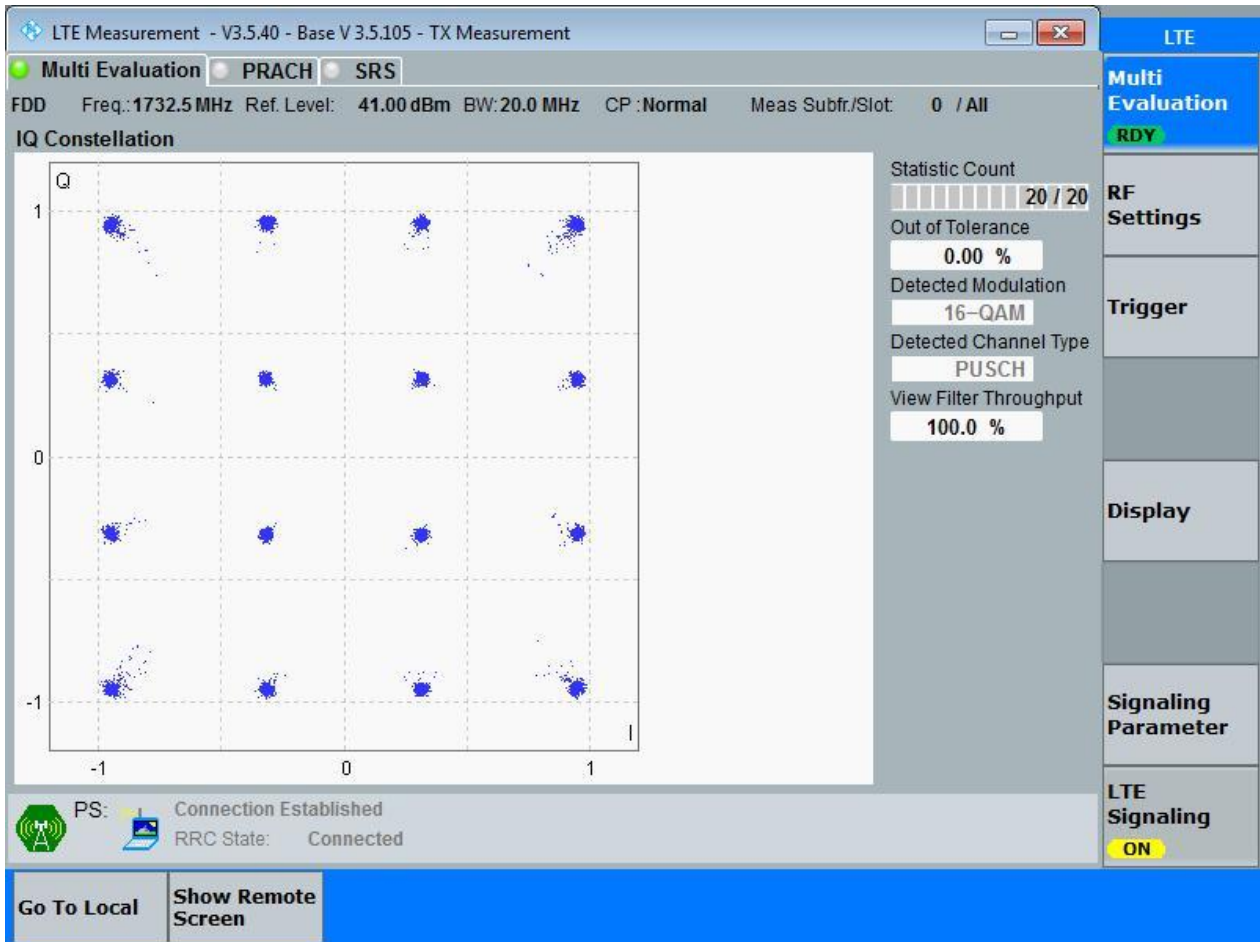
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.52	4.98	Pass
			MCH	RB25#0	4.51	5.00	Pass
			HCH	RB25#0	4.53	5.06	Pass
		10	LCH	RB50#0	9.01	10.13	Pass
			MCH	RB50#0	9.00	10.18	Pass
			HCH	RB50#0	9.02	10.76	Pass
		15	LCH	RB75#0	13.52	16.78	Pass
			MCH	RB75#0	13.54	16.31	Pass
			HCH	RB75#0	13.57	17.72	Pass
		20	LCH	RB100#0	18.00	22.53	Pass
			MCH	RB100#0	18.03	21.40	Pass
			HCH	RB100#0	18.09	24.38	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.11	1.55	Pass
			MCH	RB6#0	1.11	1.48	Pass
			HCH	RB6#0	1.10	1.53	Pass
		3	LCH	RB15#0	2.73	3.38	Pass
			MCH	RB15#0	2.73	3.67	Pass
			HCH	RB15#0	2.74	3.75	Pass
		5	LCH	RB25#0	4.56	6.08	Pass
			MCH	RB25#0	4.54	6.15	Pass
			HCH	RB25#0	4.54	6.00	Pass
10		LCH	RB50#0	9.03	11.64	Pass	
		MCH	RB50#0	9.05	11.82	Pass	
		HCH	RB50#0	9.08	12.11	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.60	17.11	Pass
			MCH	RB75#0	13.56	17.09	Pass
			HCH	RB75#0	13.59	18.78	Pass
		20	LCH	RB100#0	17.95	20.06	Pass
			MCH	RB100#0	18.00	20.29	Pass
			HCH	RB100#0	18.06	20.44	Pass



Part II - Test Plots

4.1 For LTE

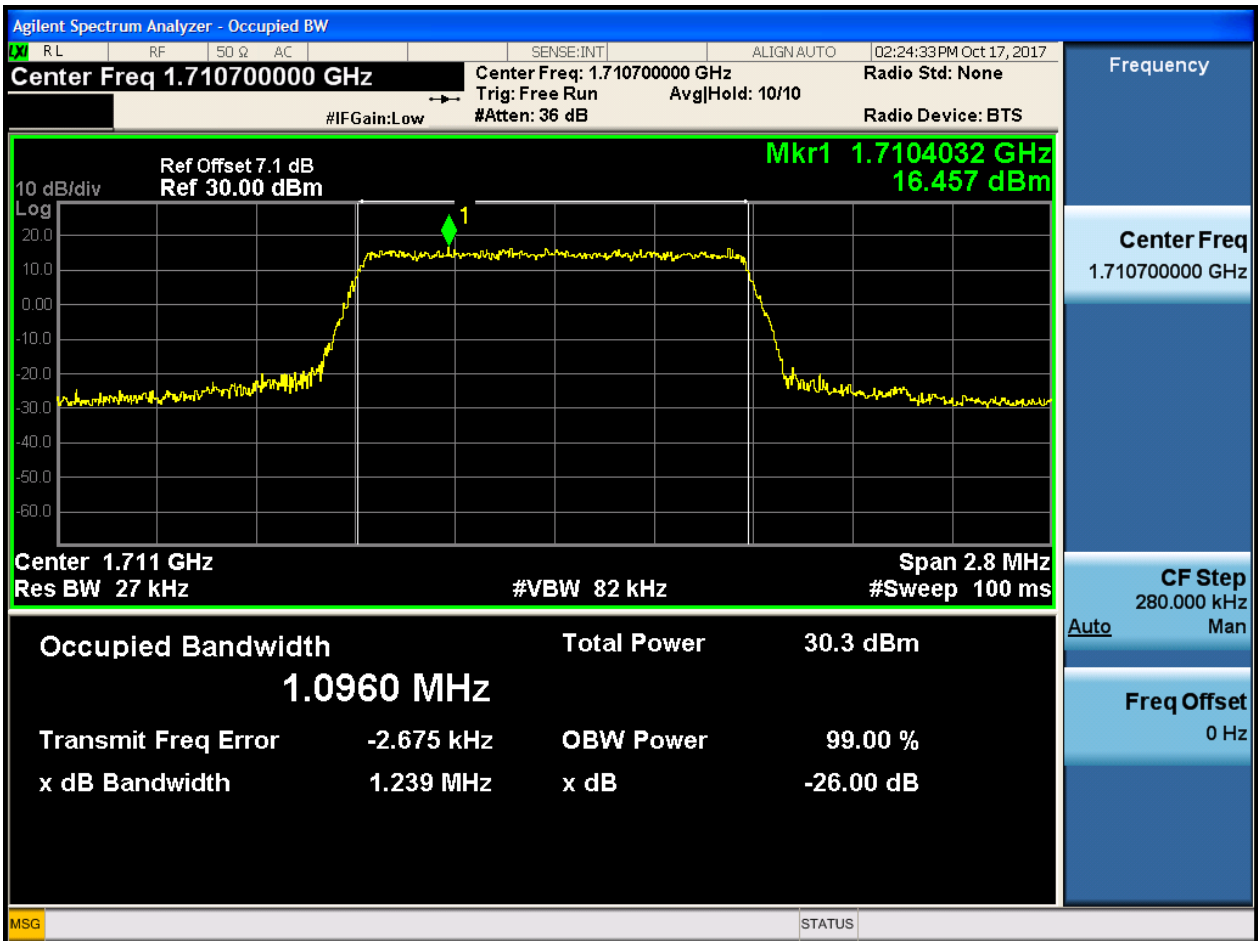
4.1.1 Test Band = BAND4

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

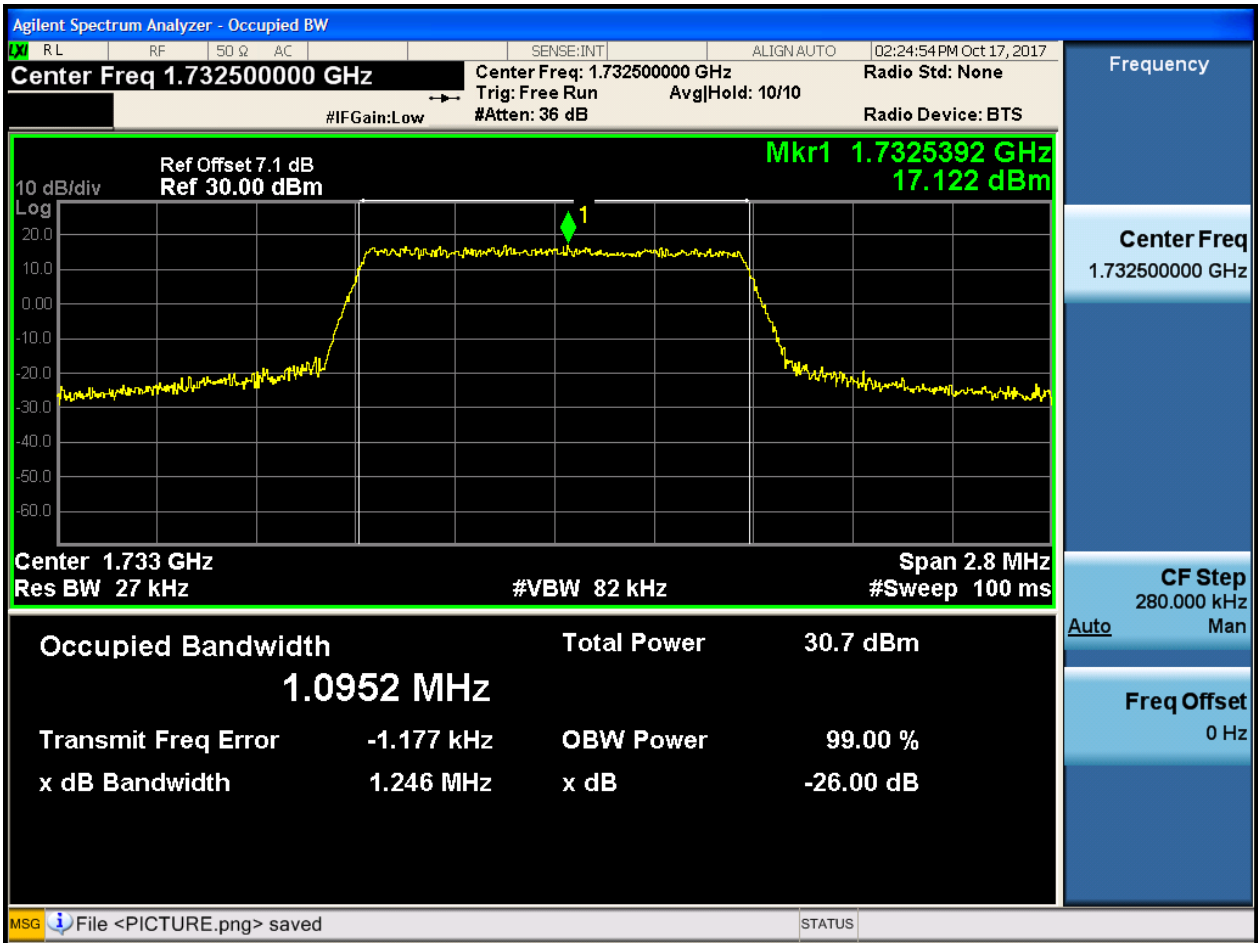
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

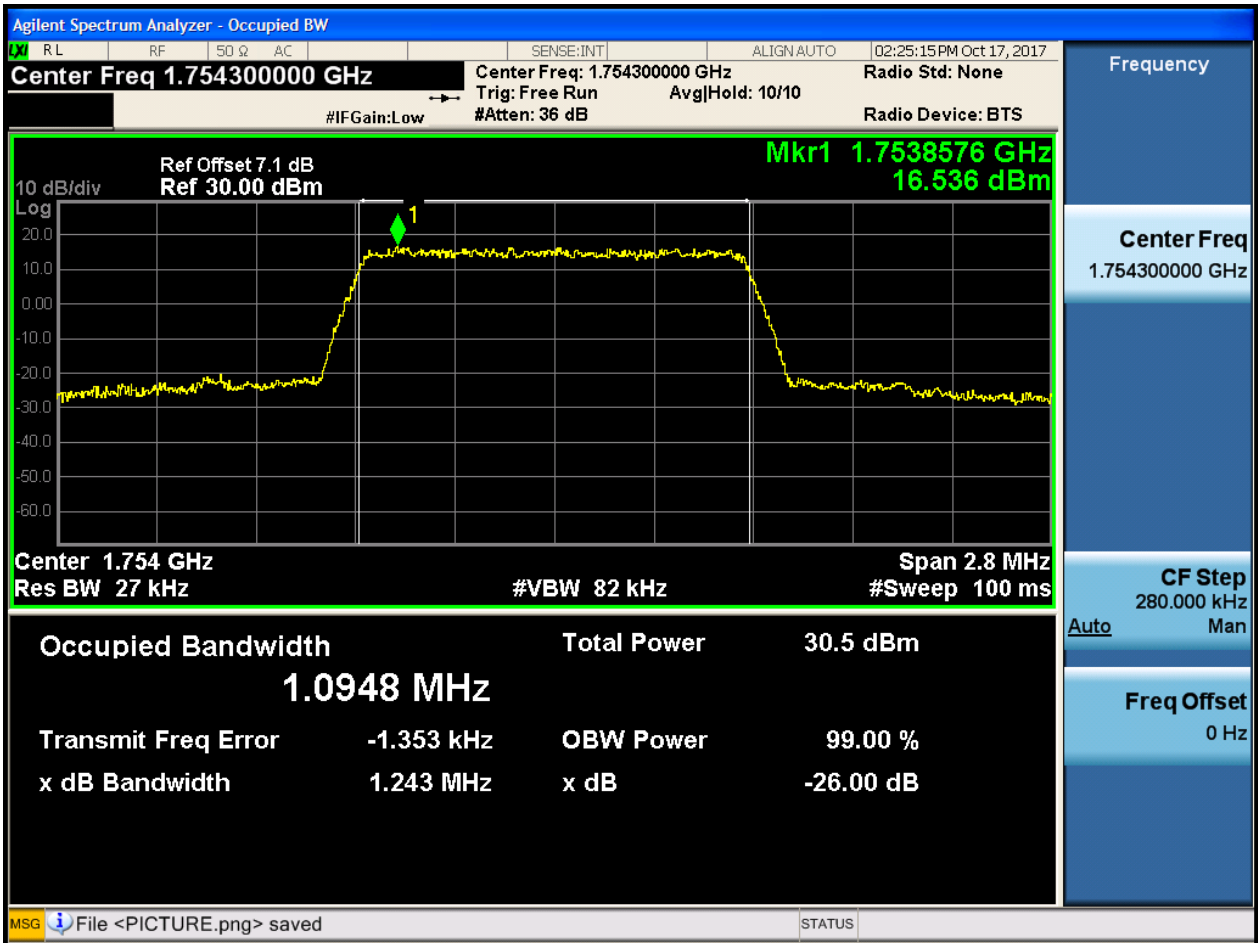
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

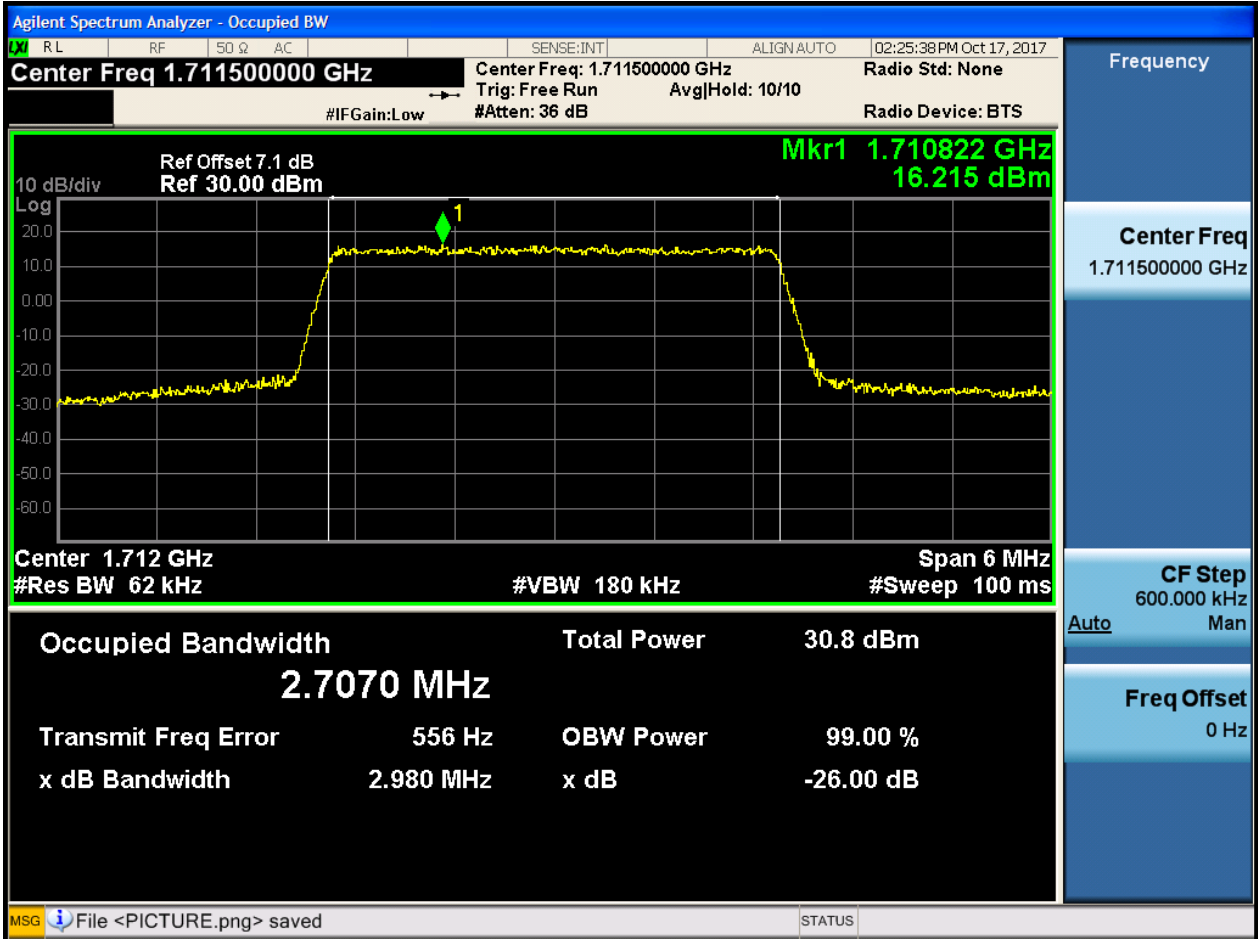




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

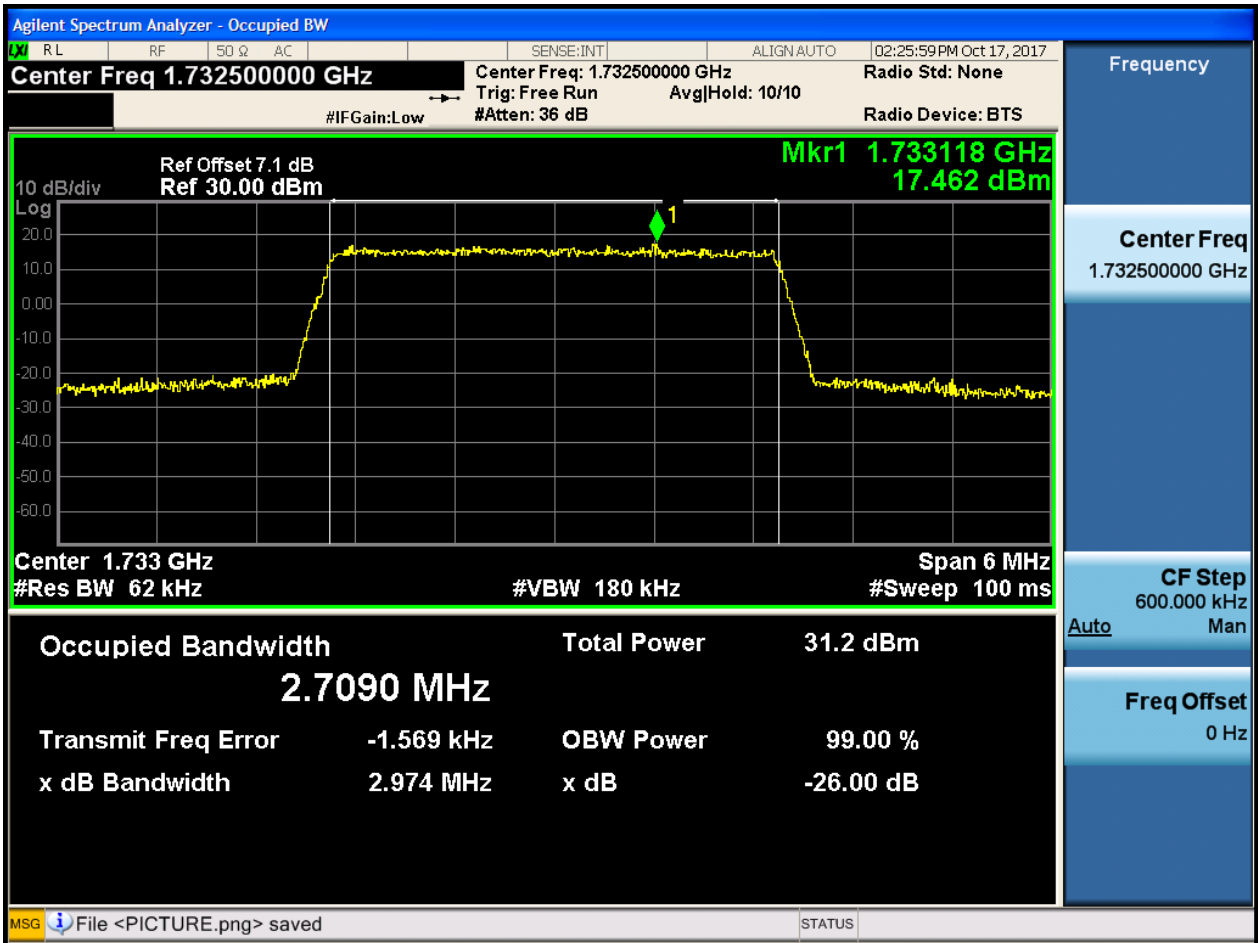
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

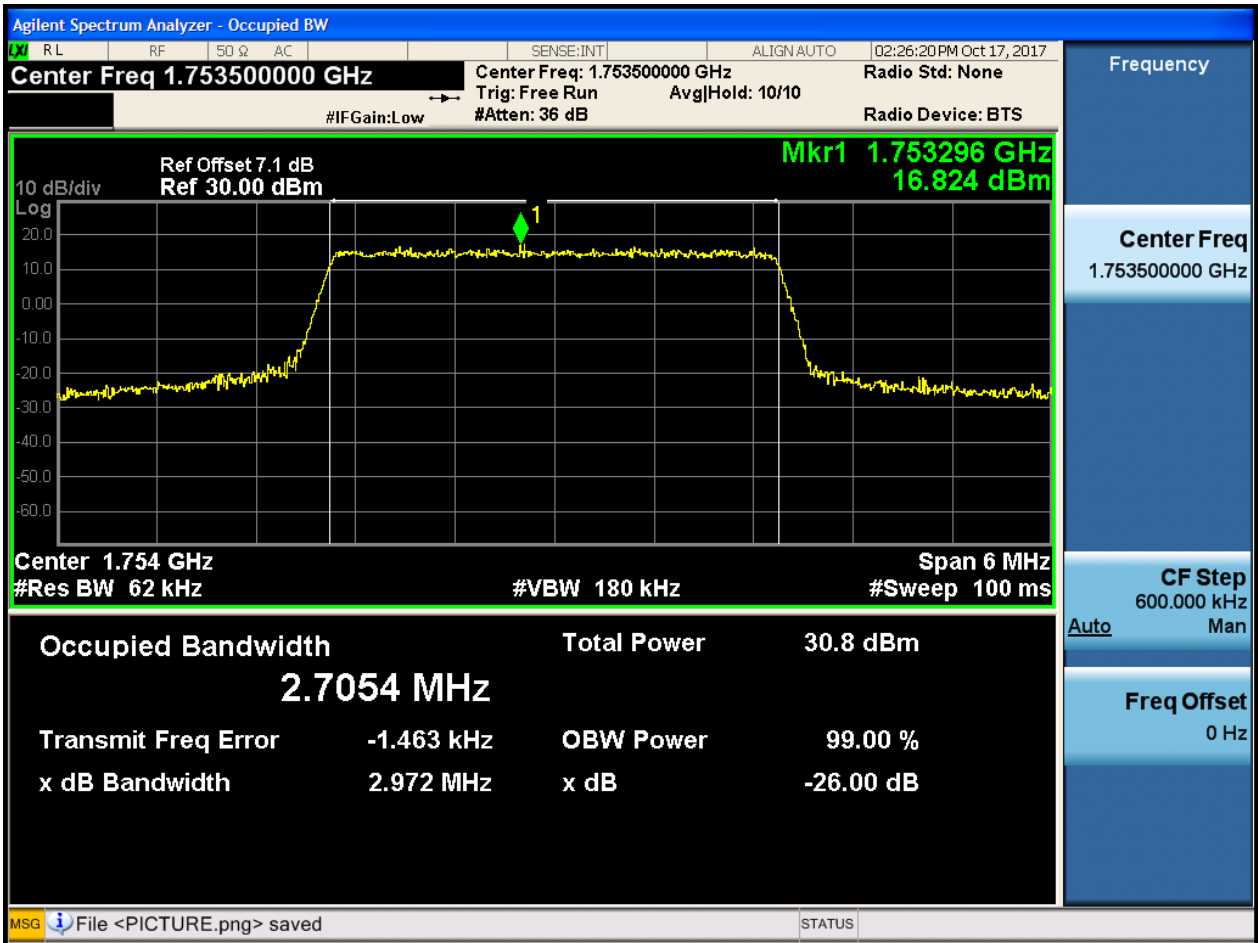
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

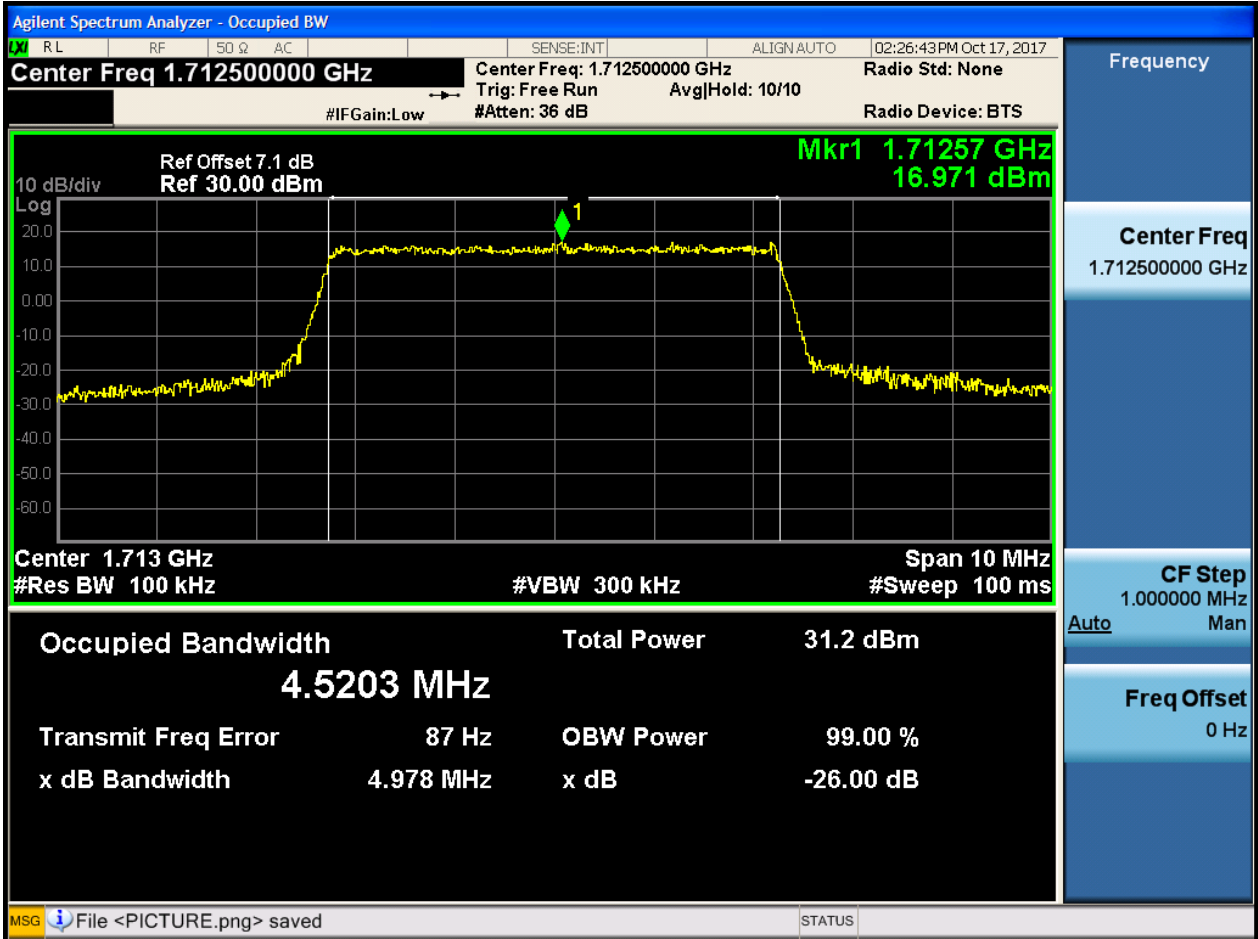




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

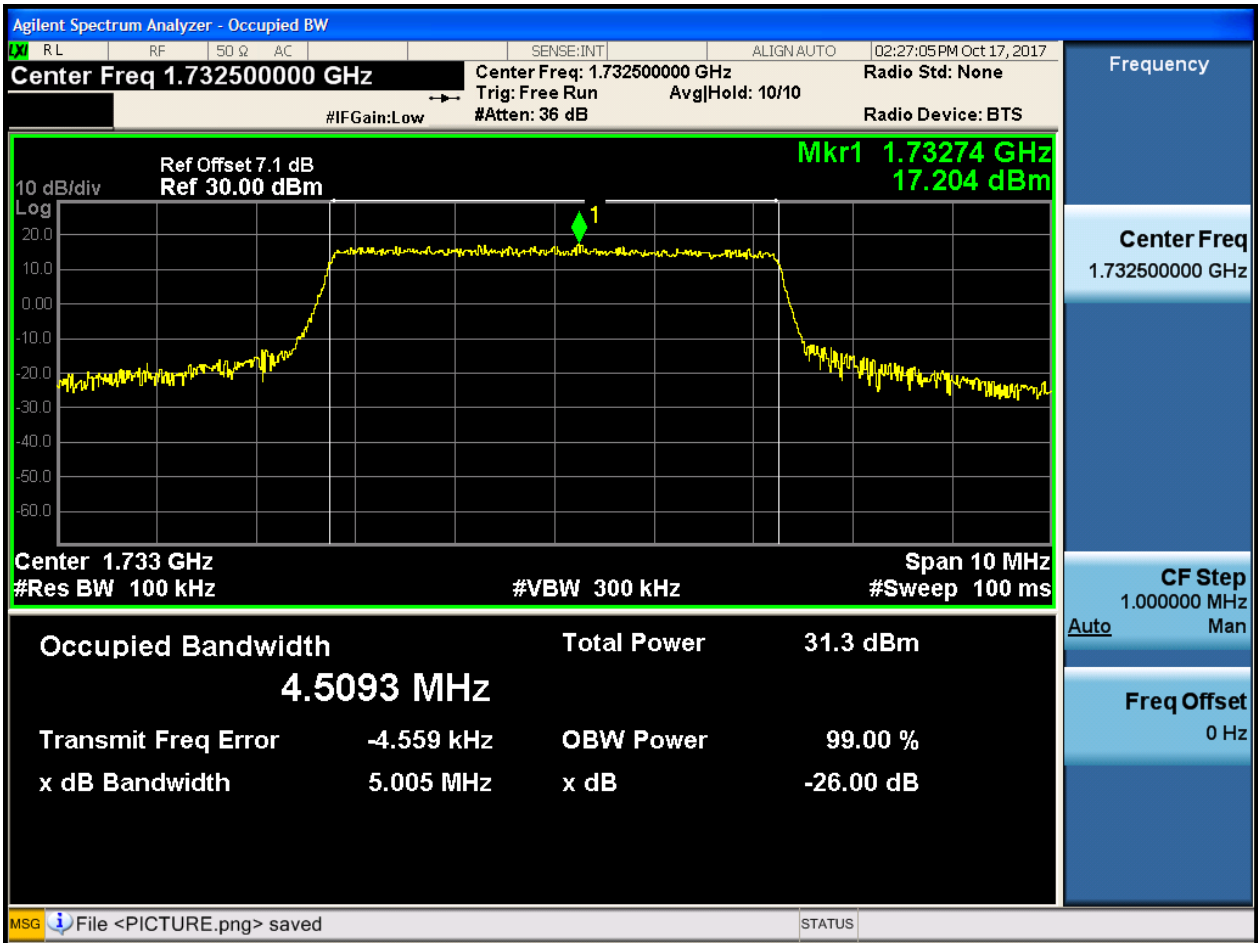
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

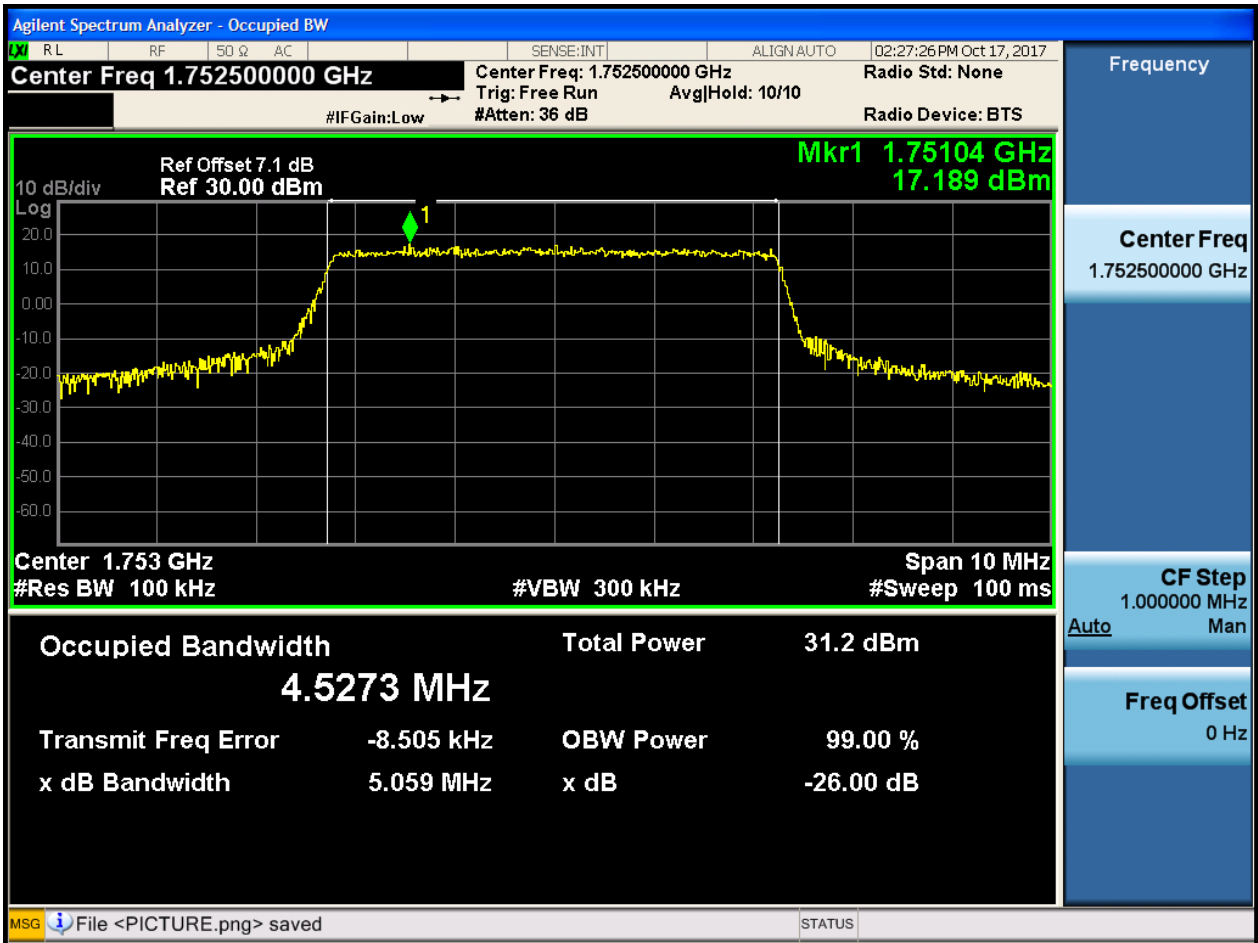
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

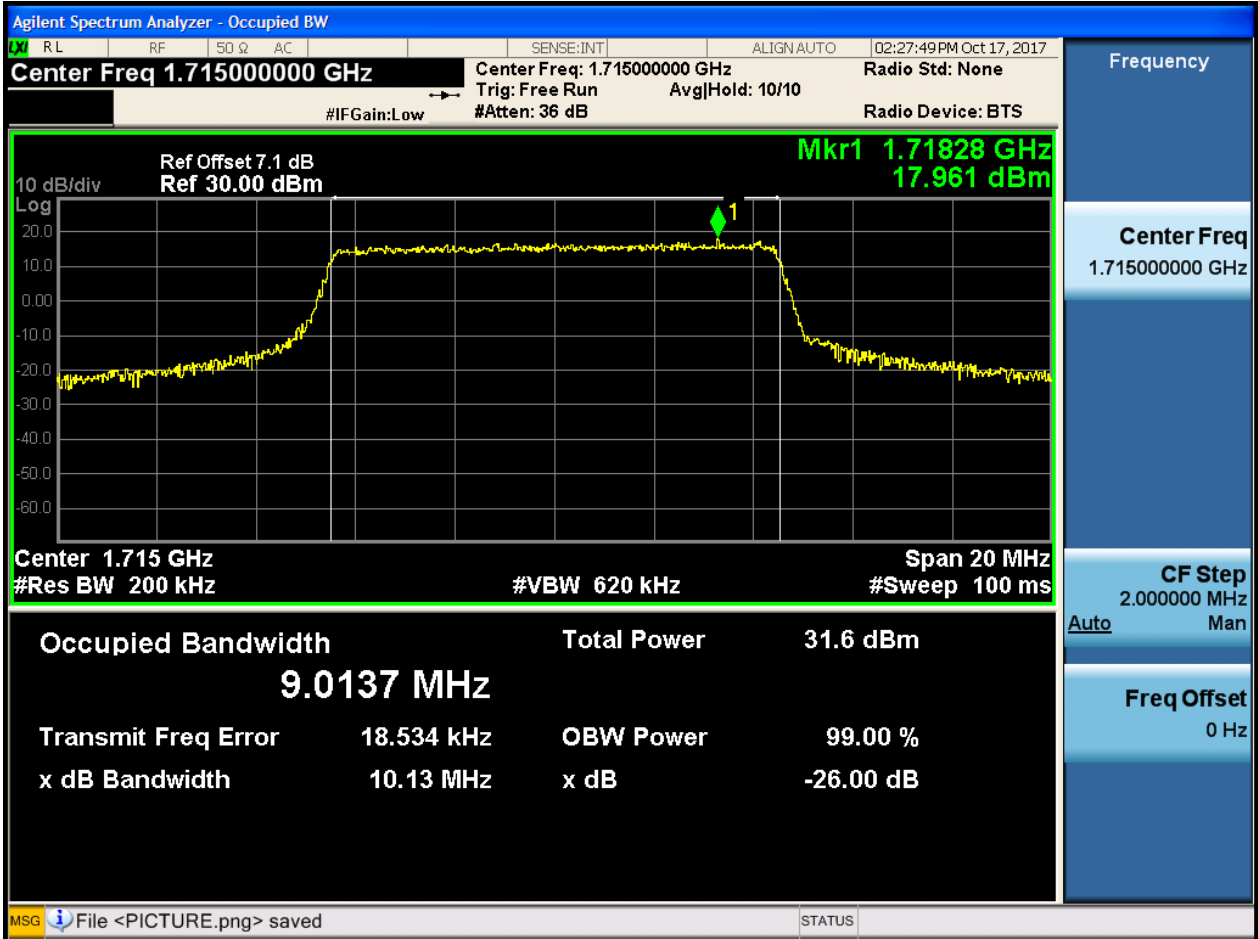




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

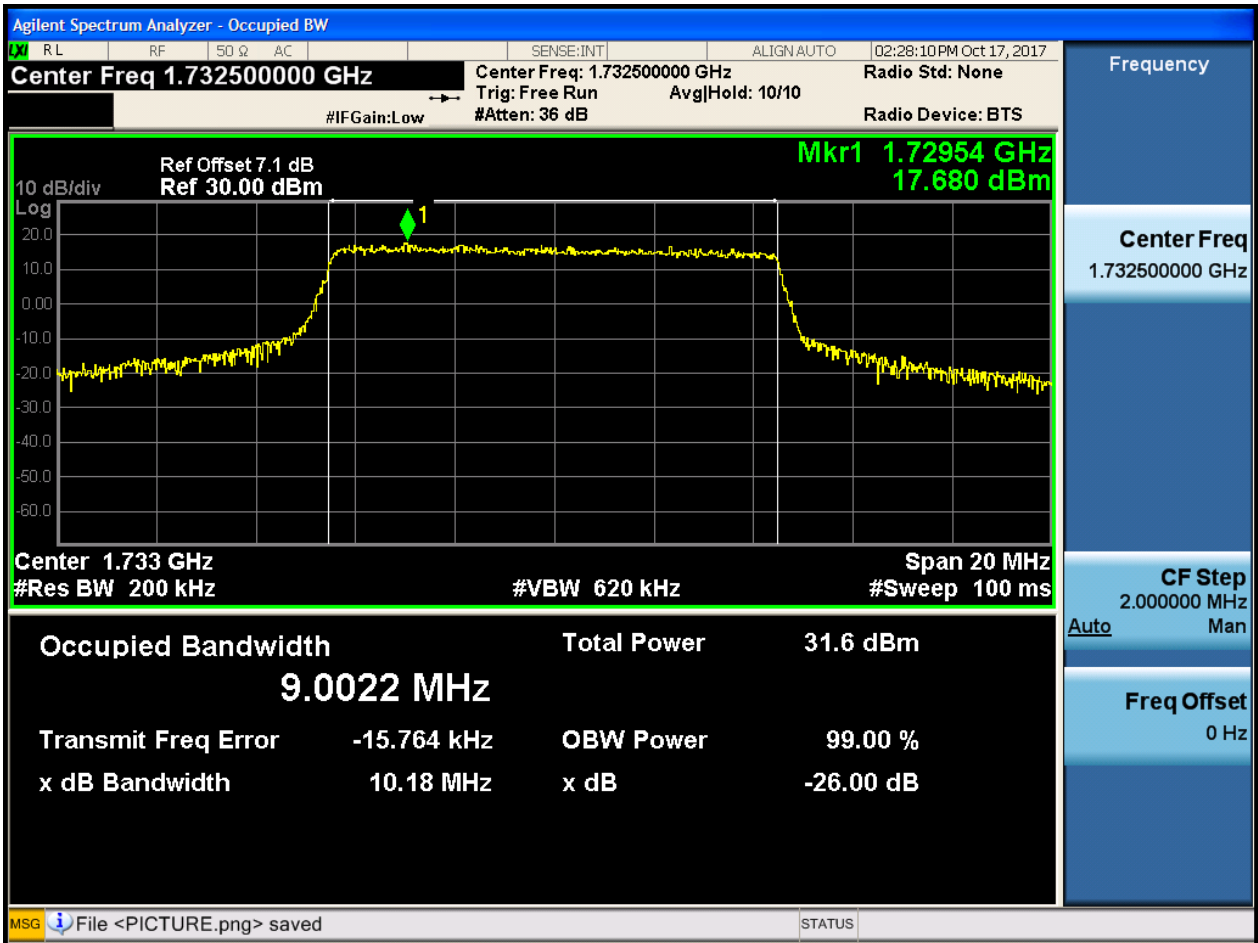
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

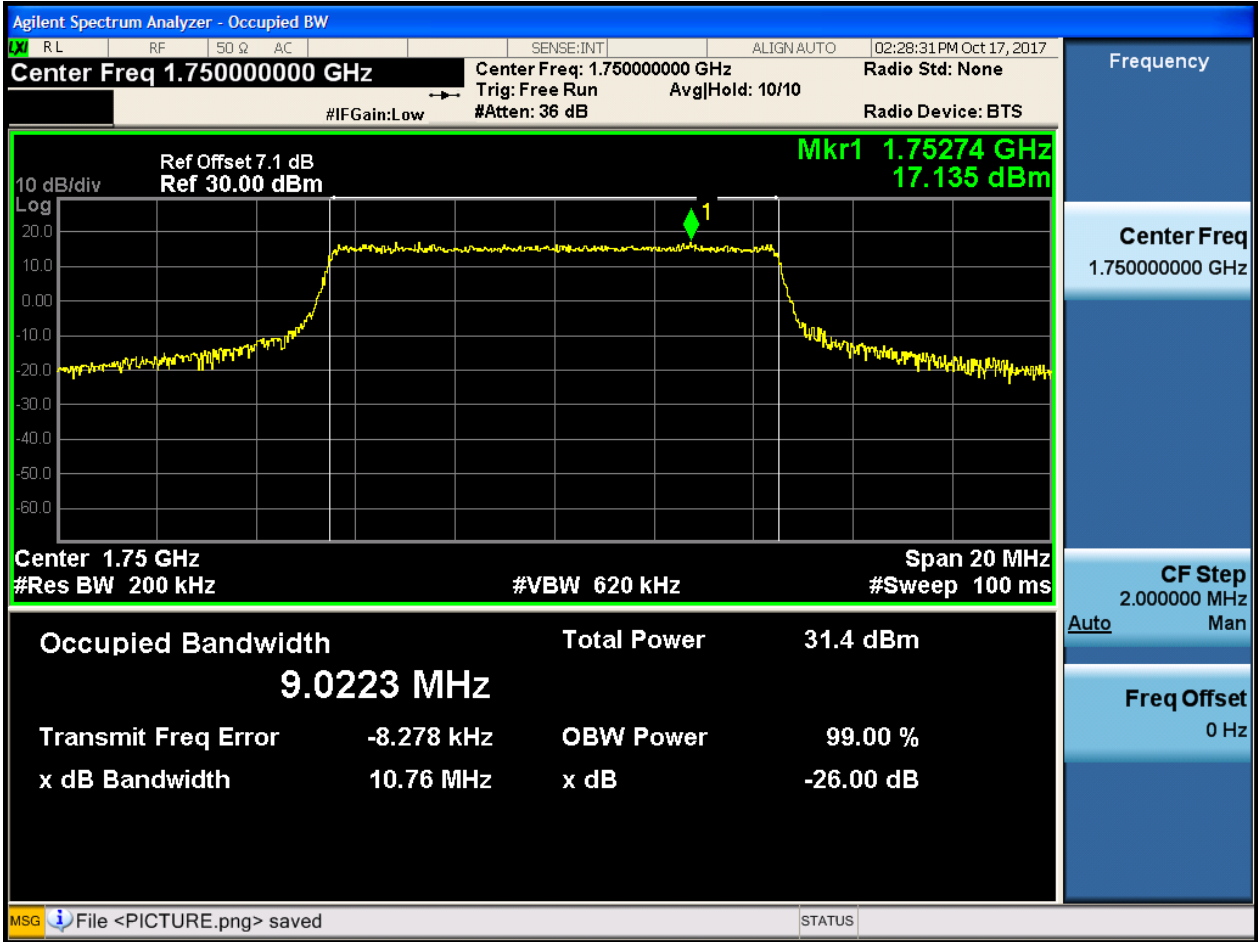
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

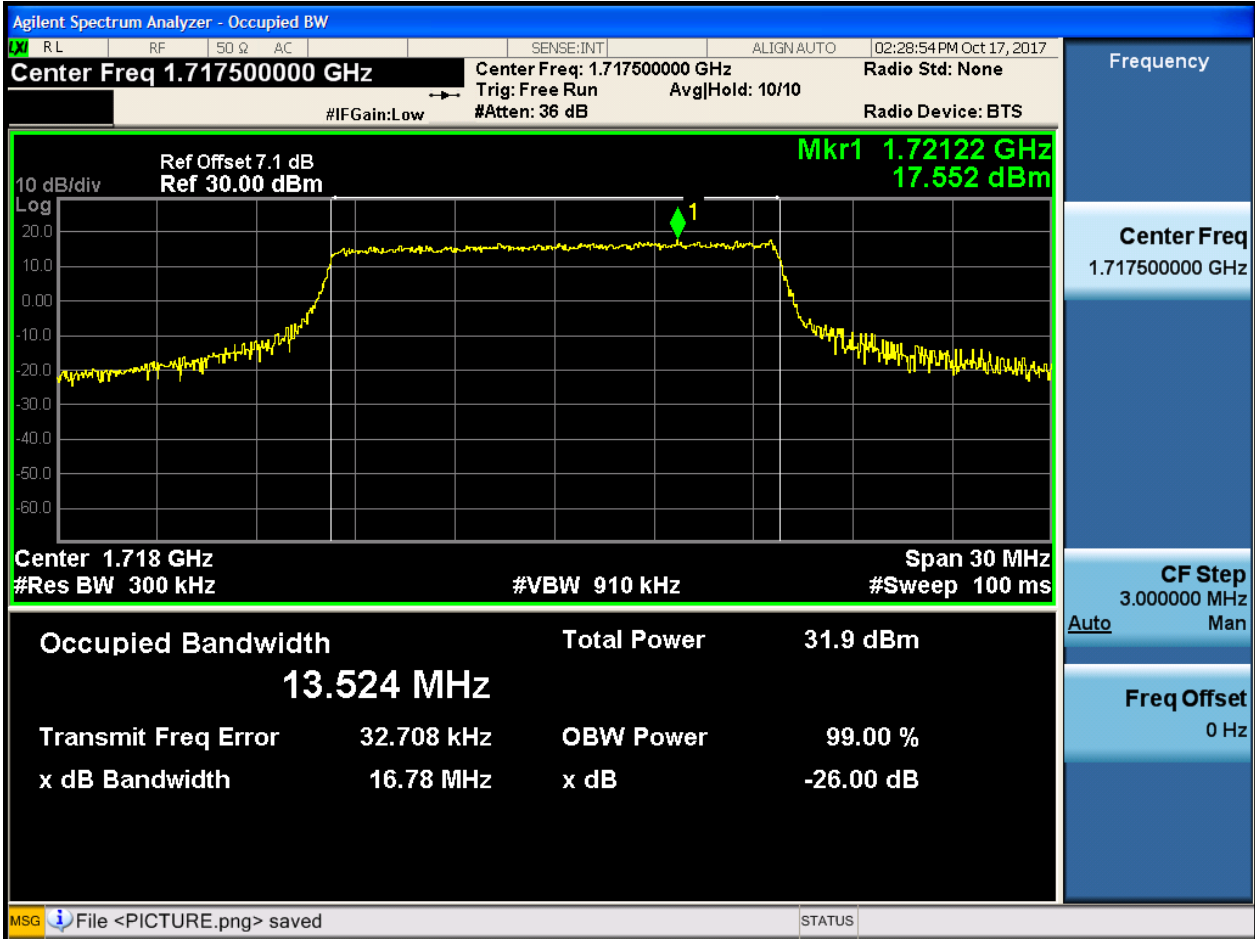




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

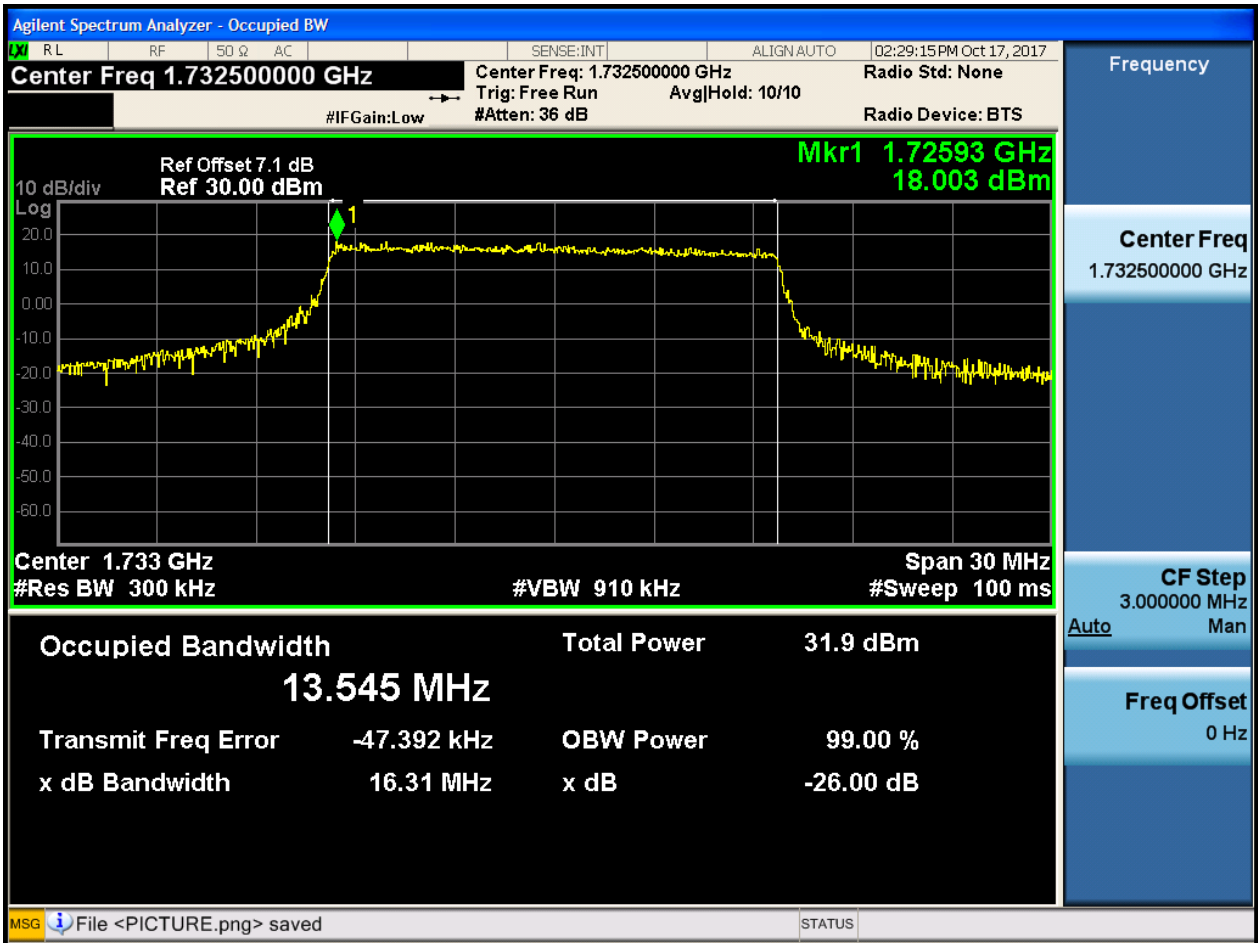
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

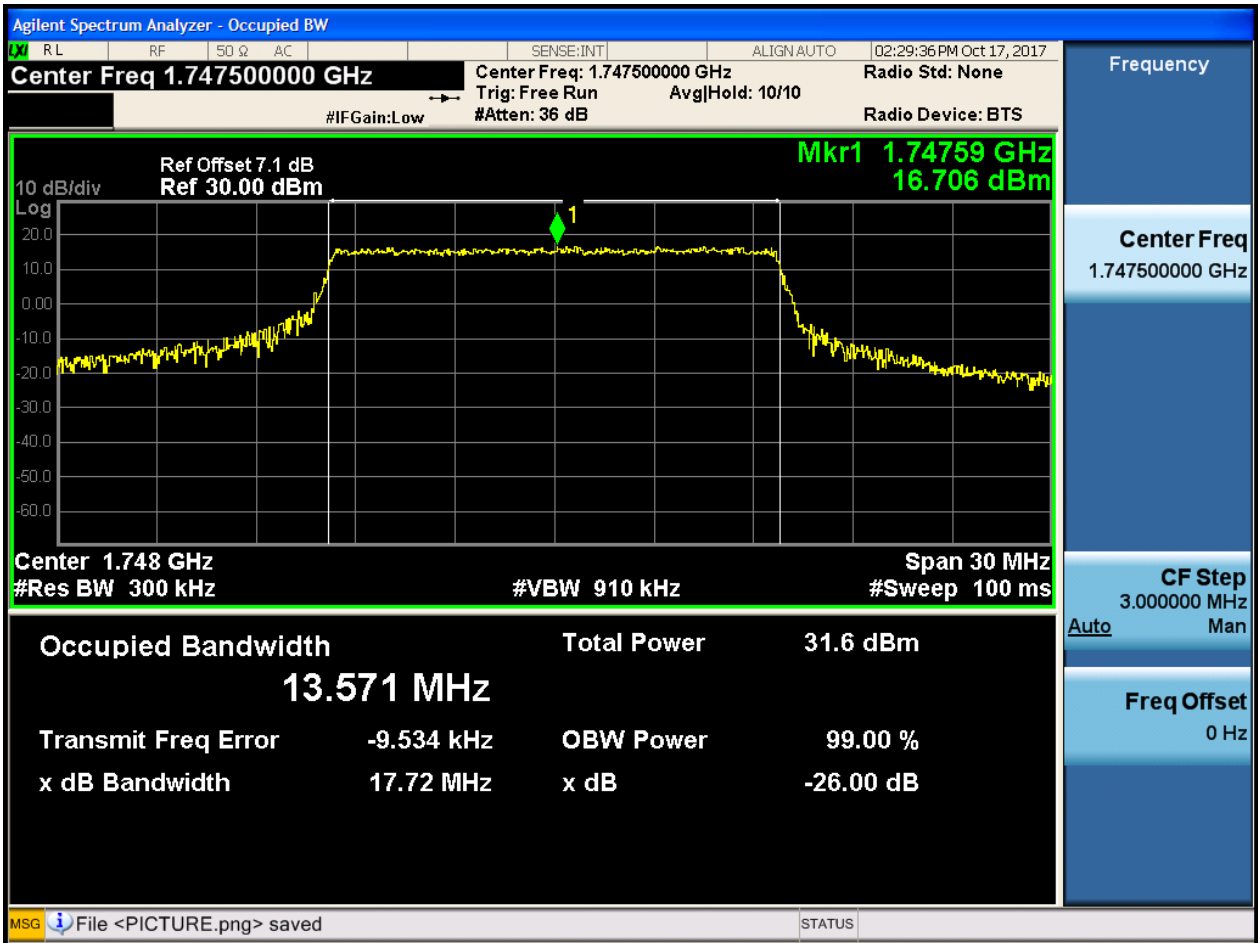
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

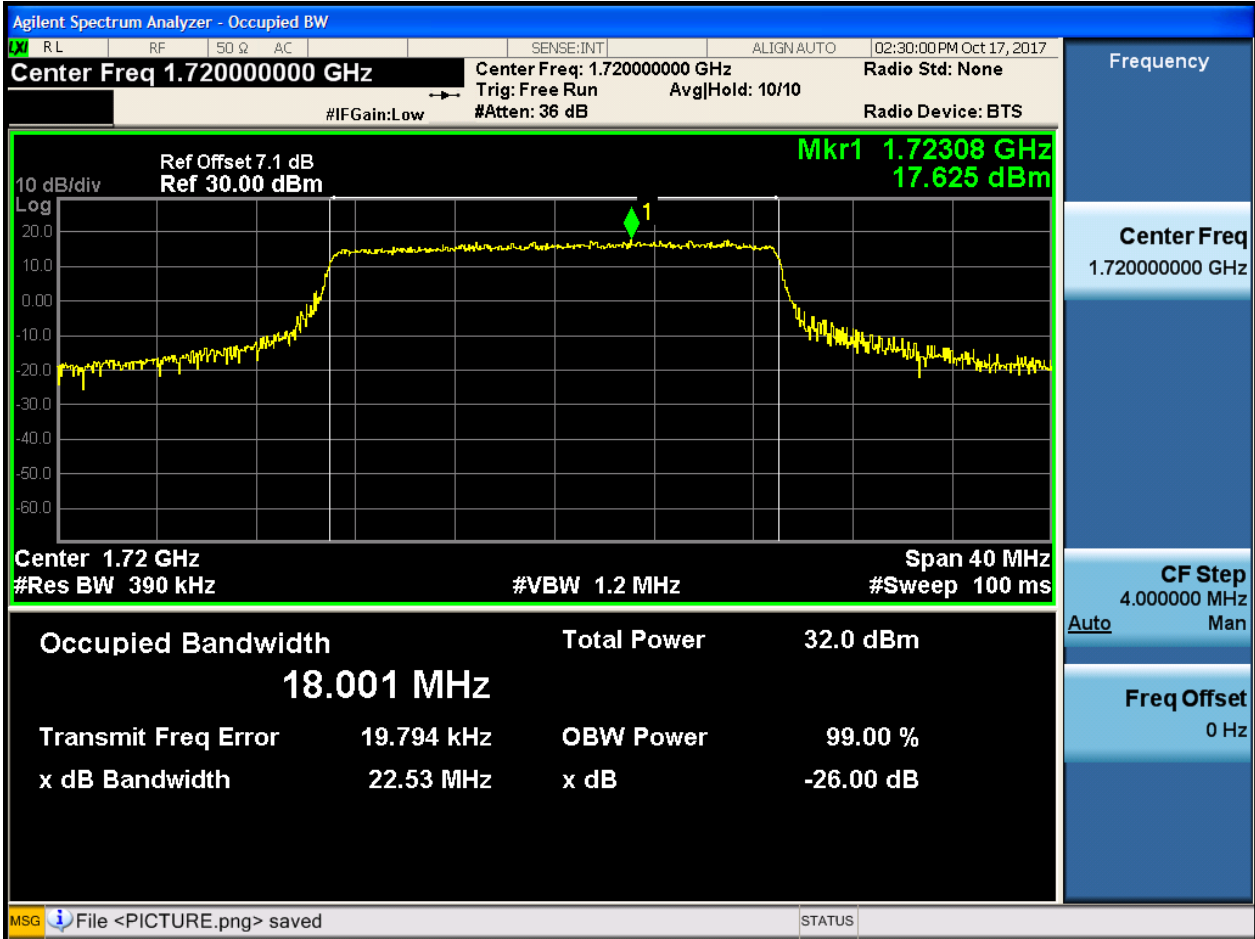




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

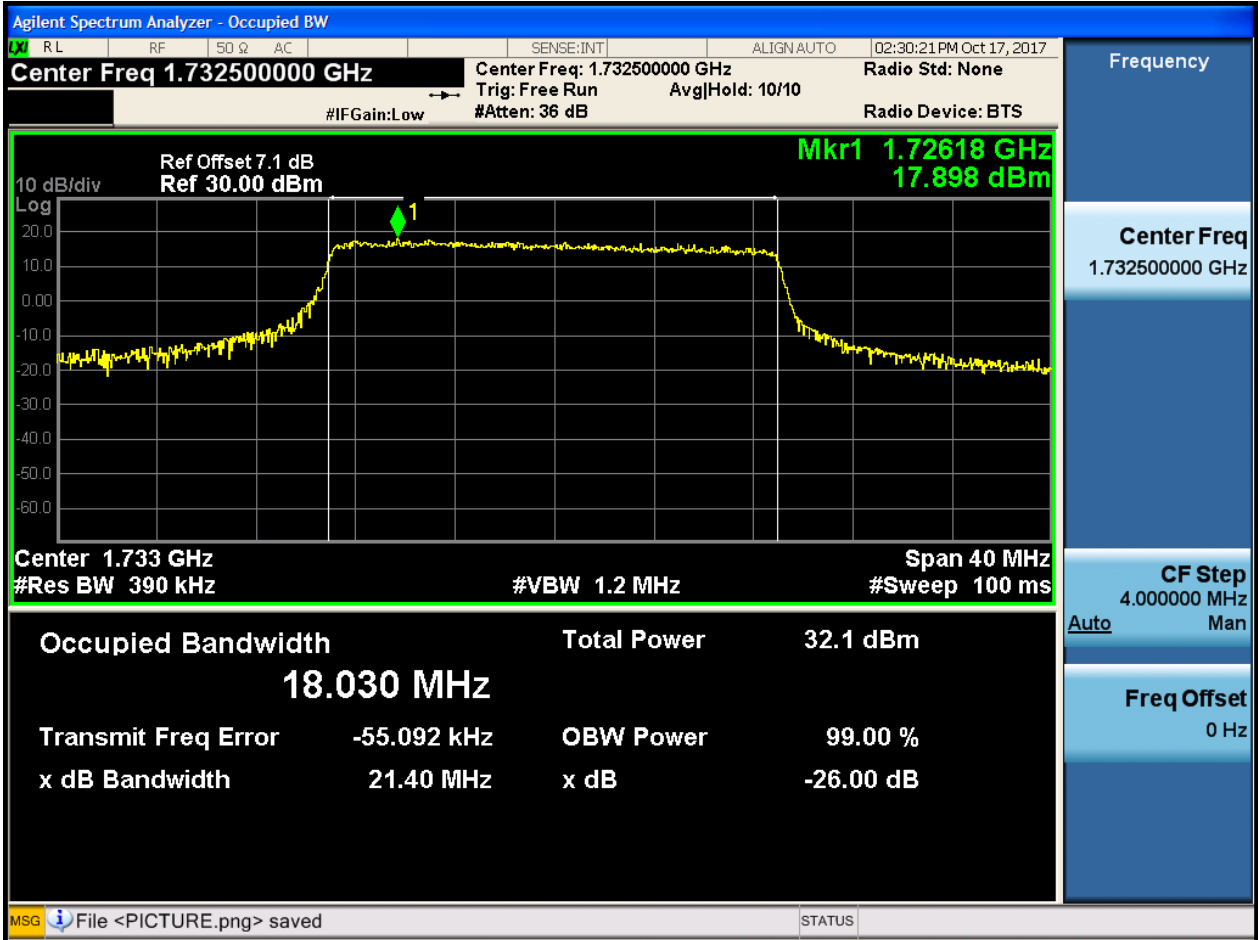
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

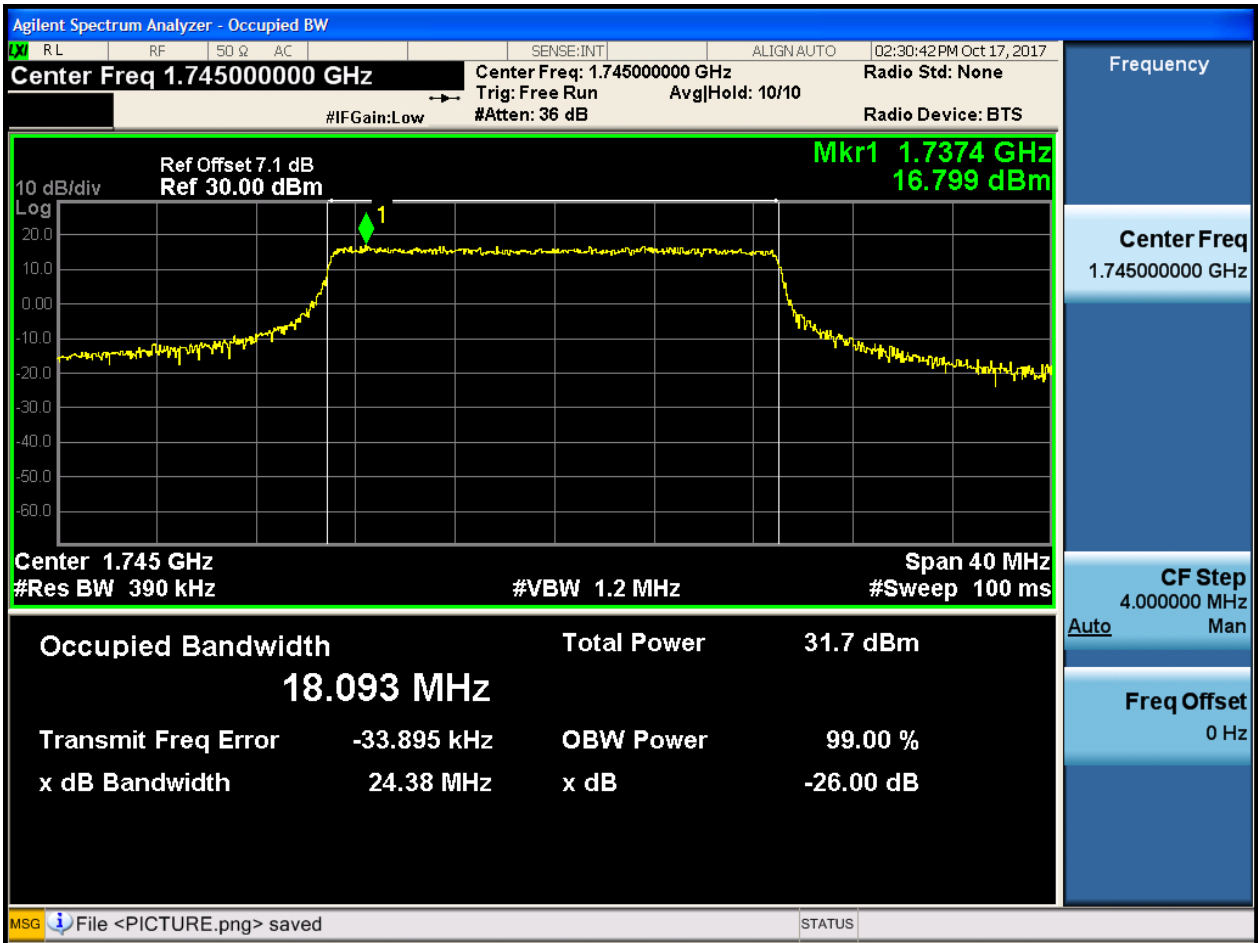
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



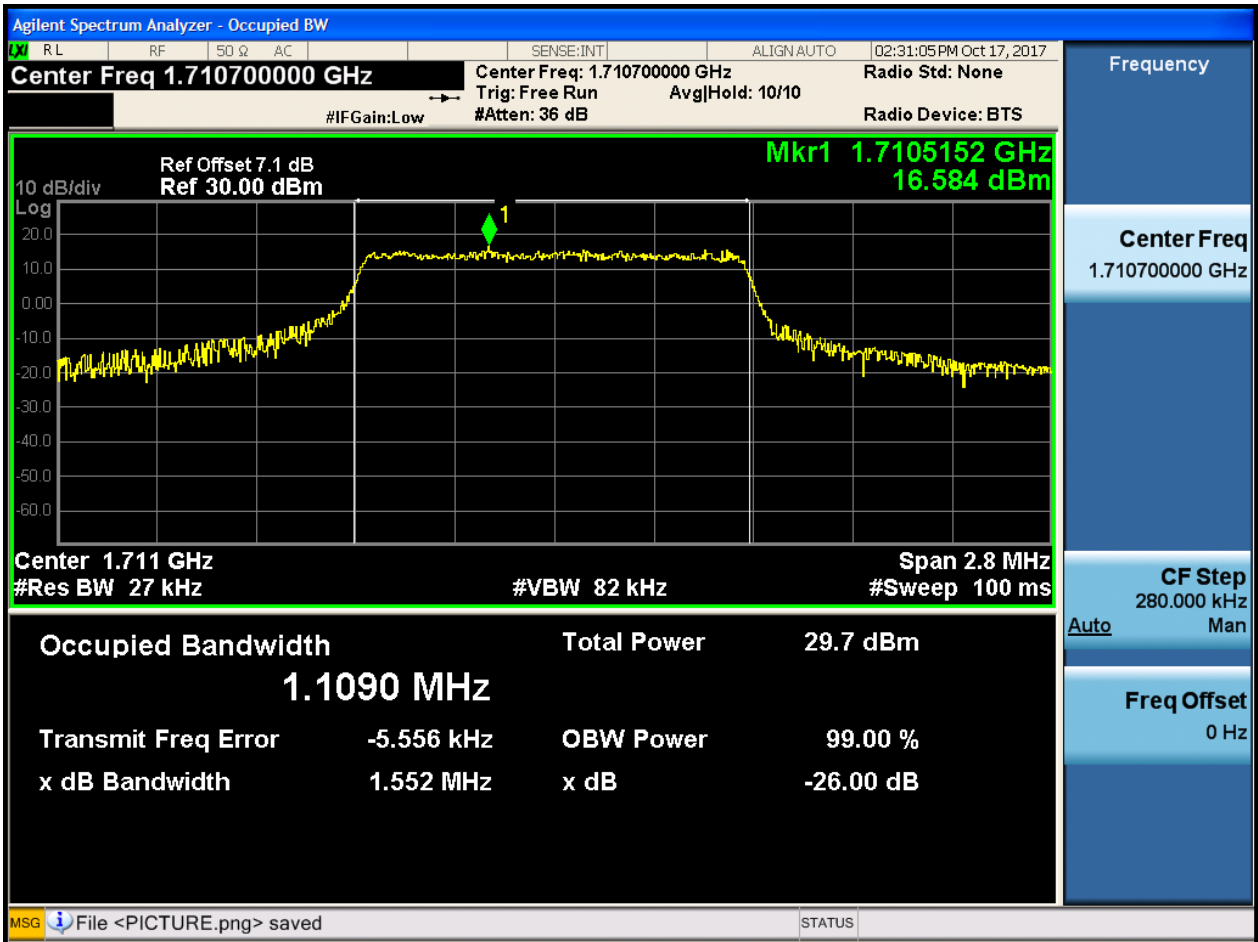


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

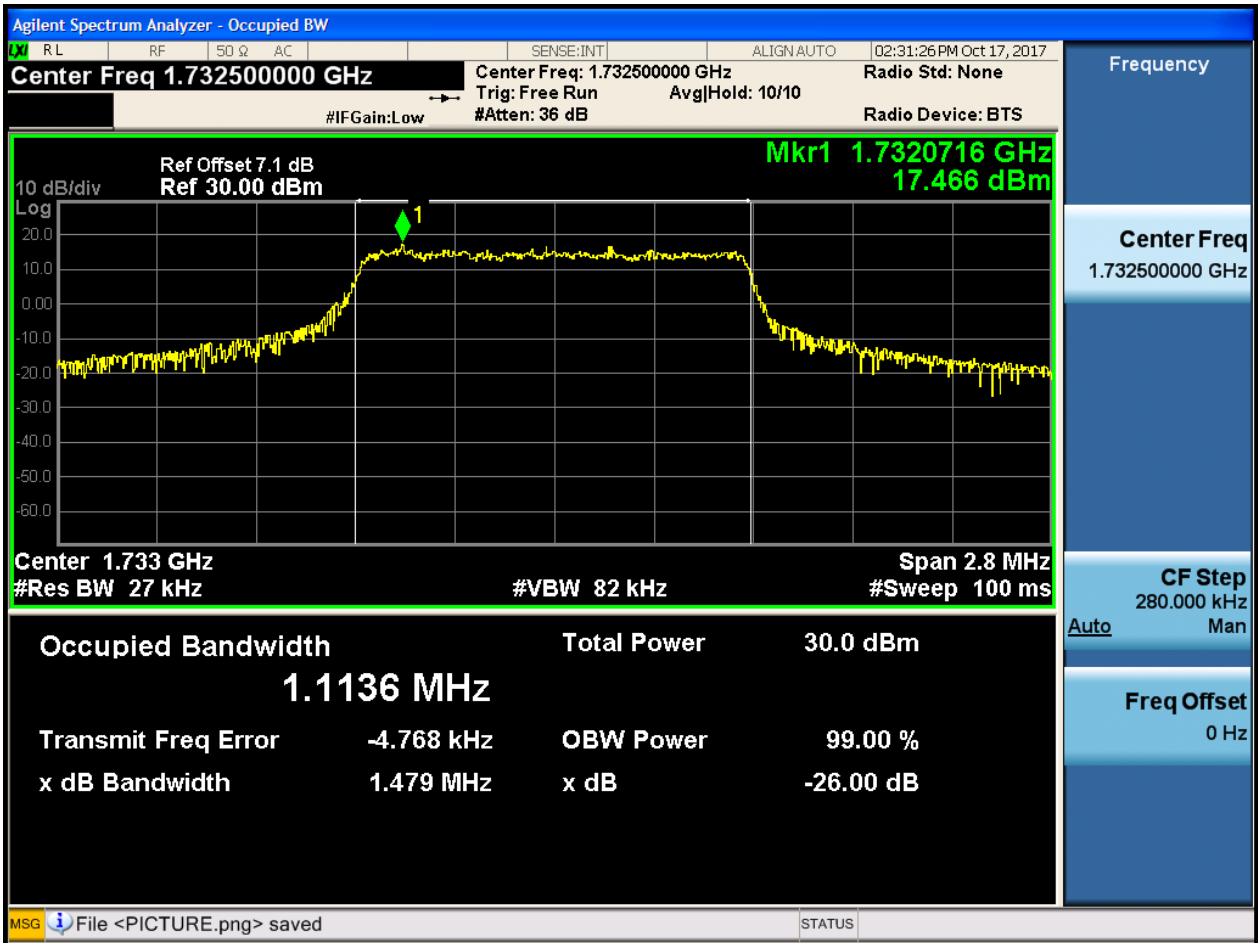
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

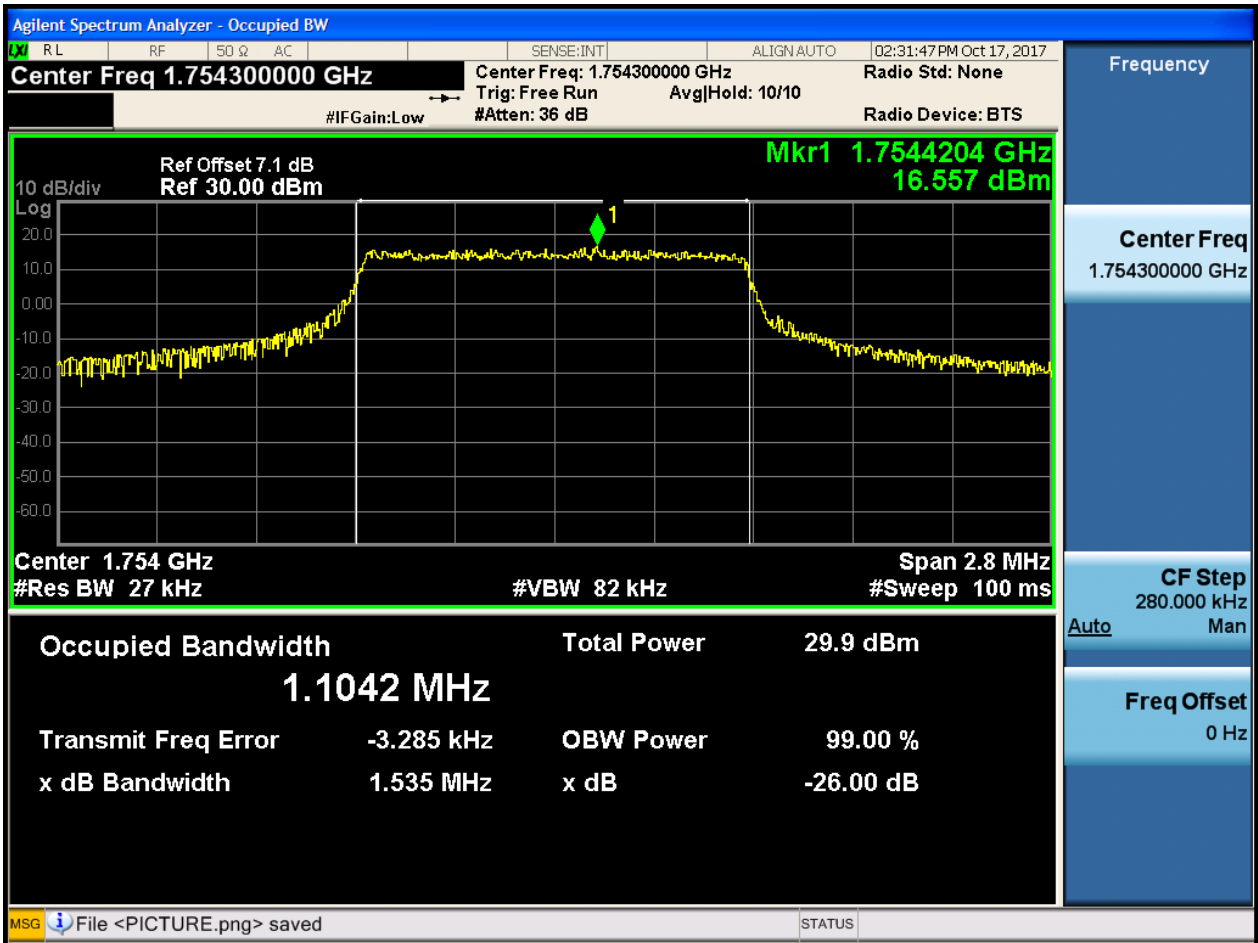
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

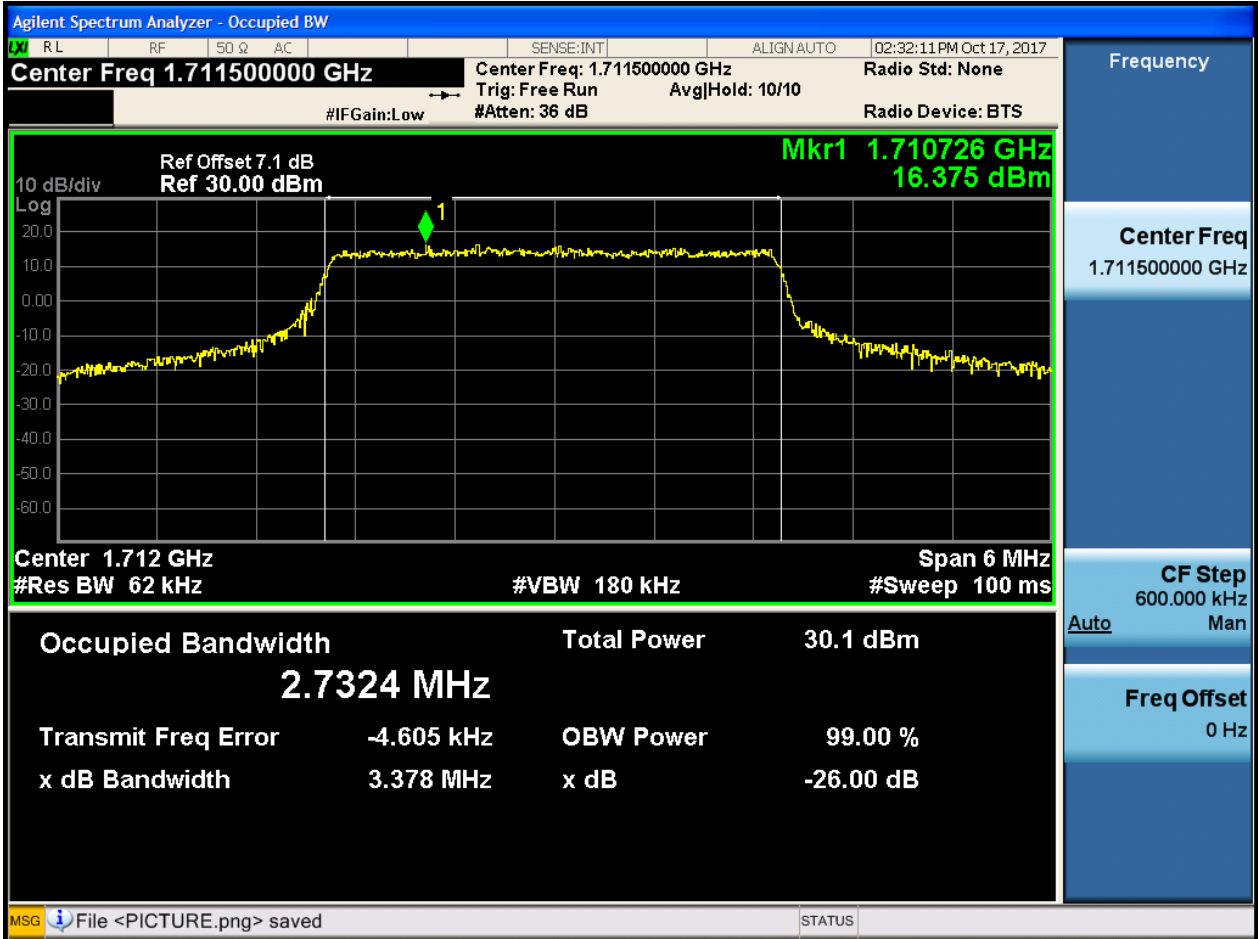




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

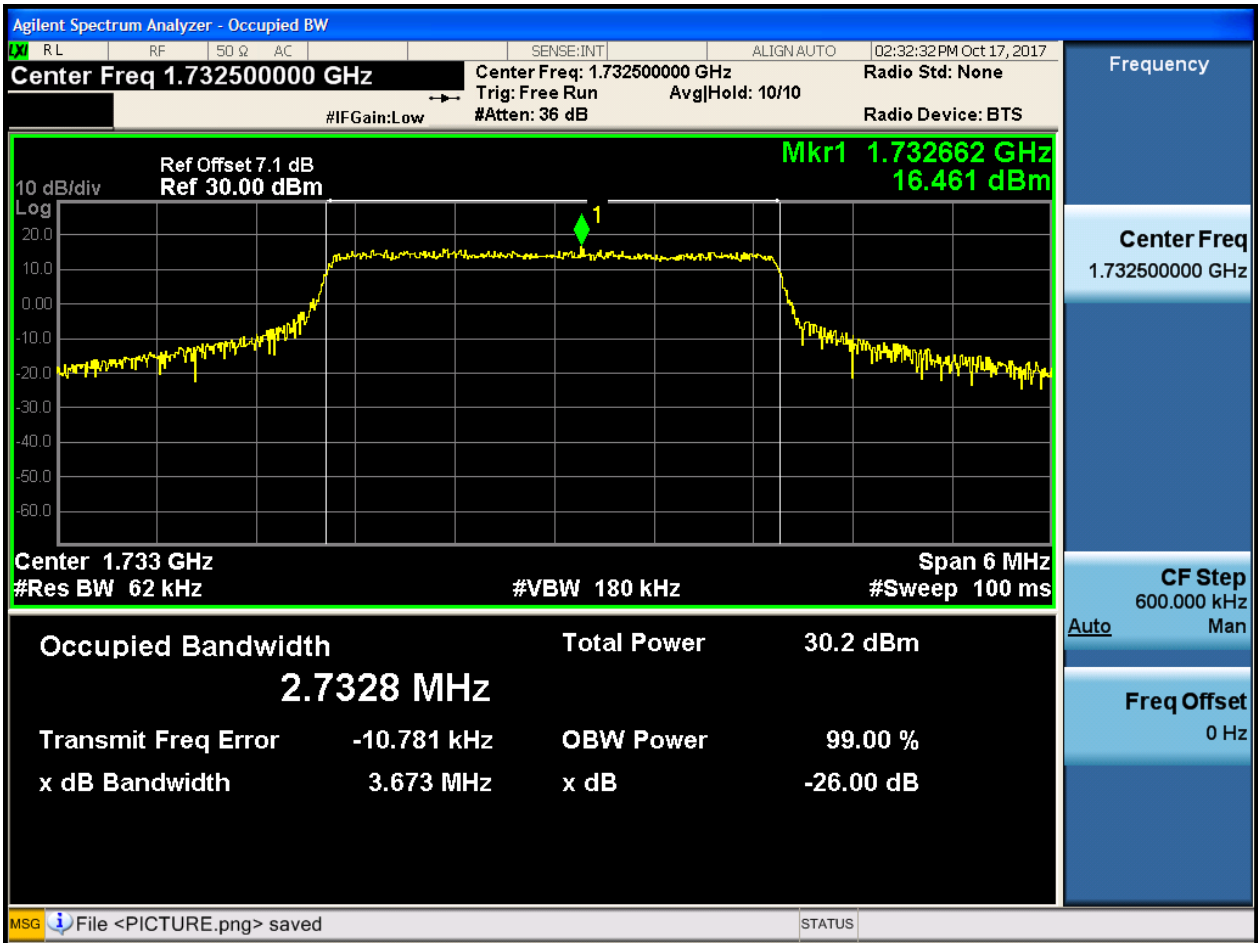
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

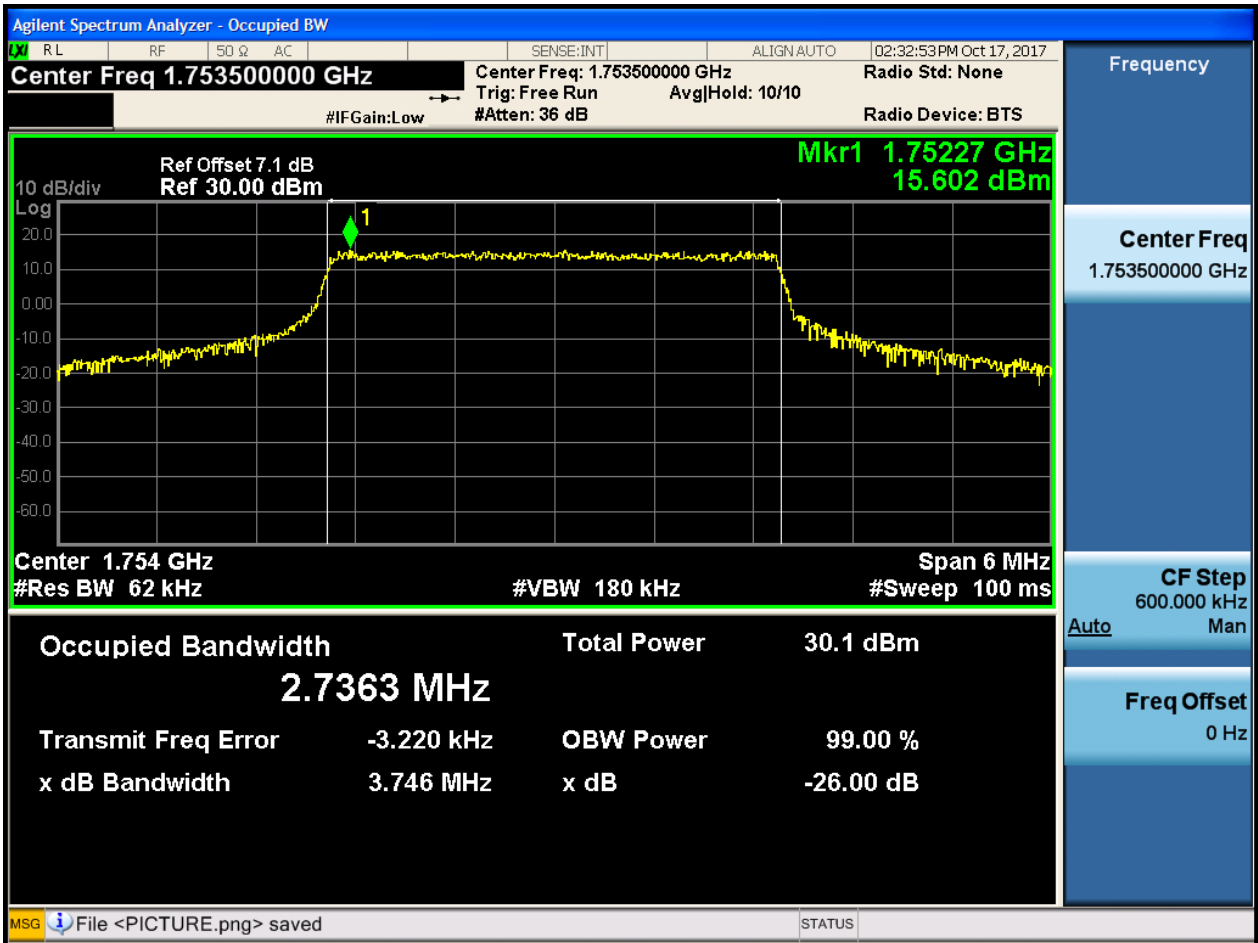
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

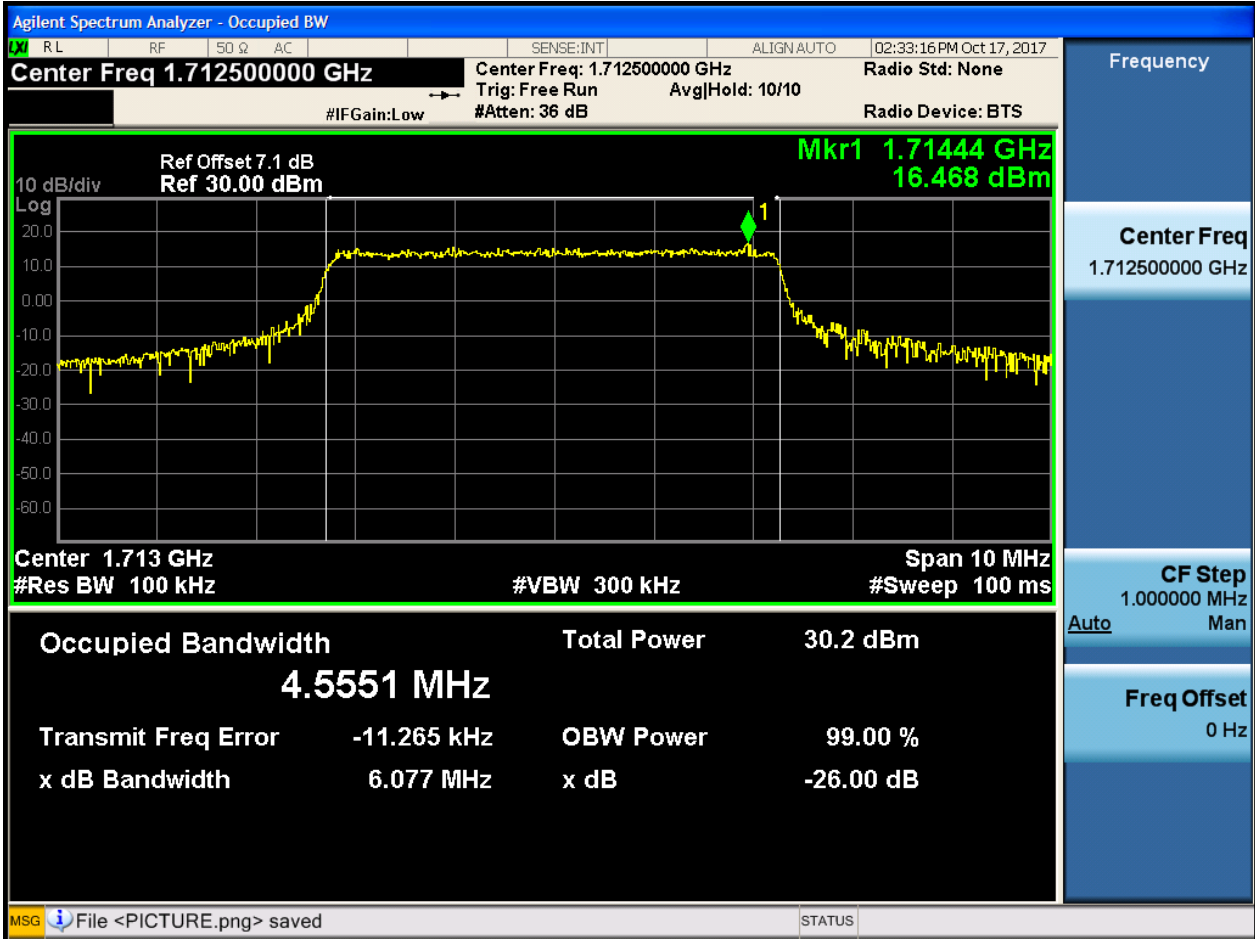




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

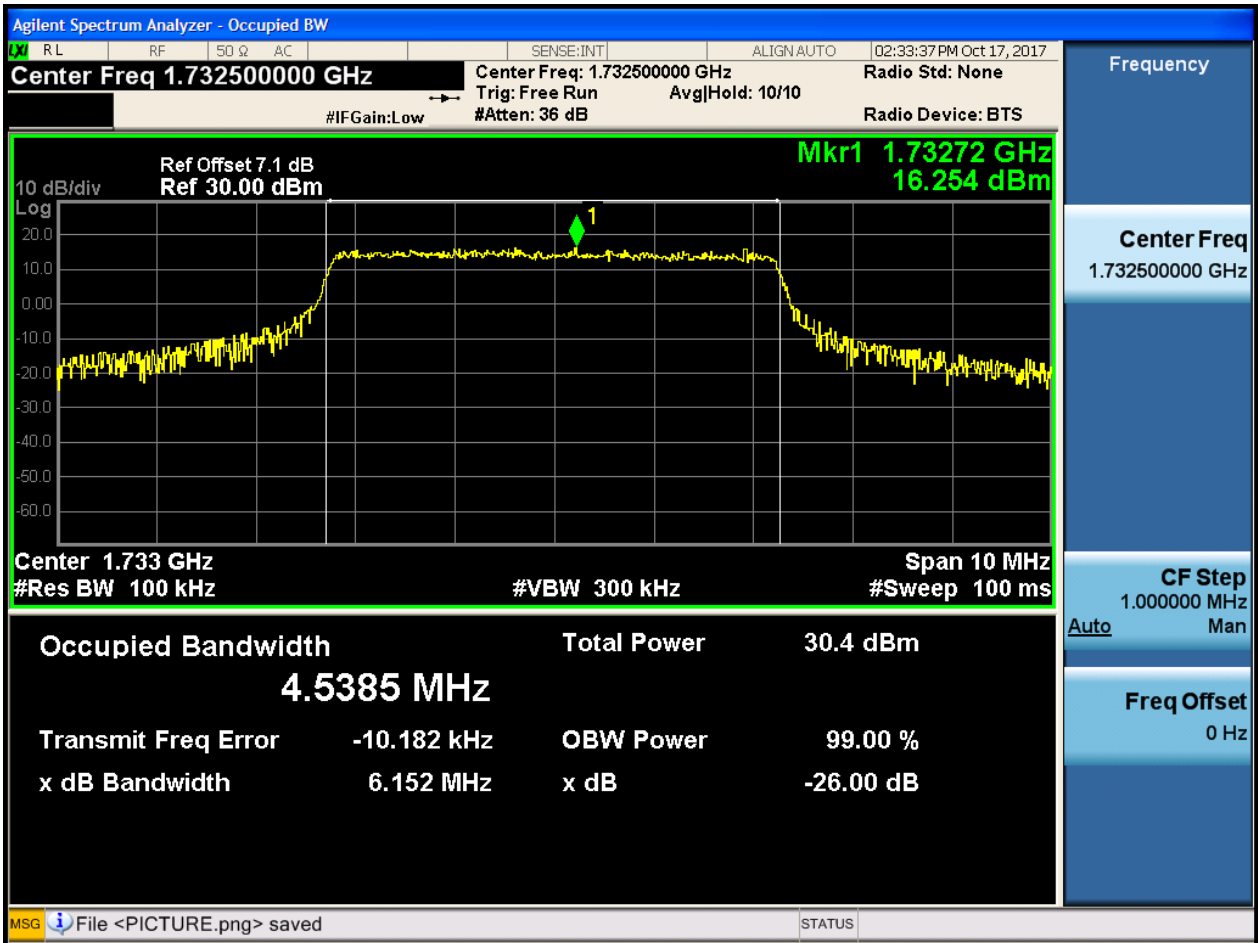
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

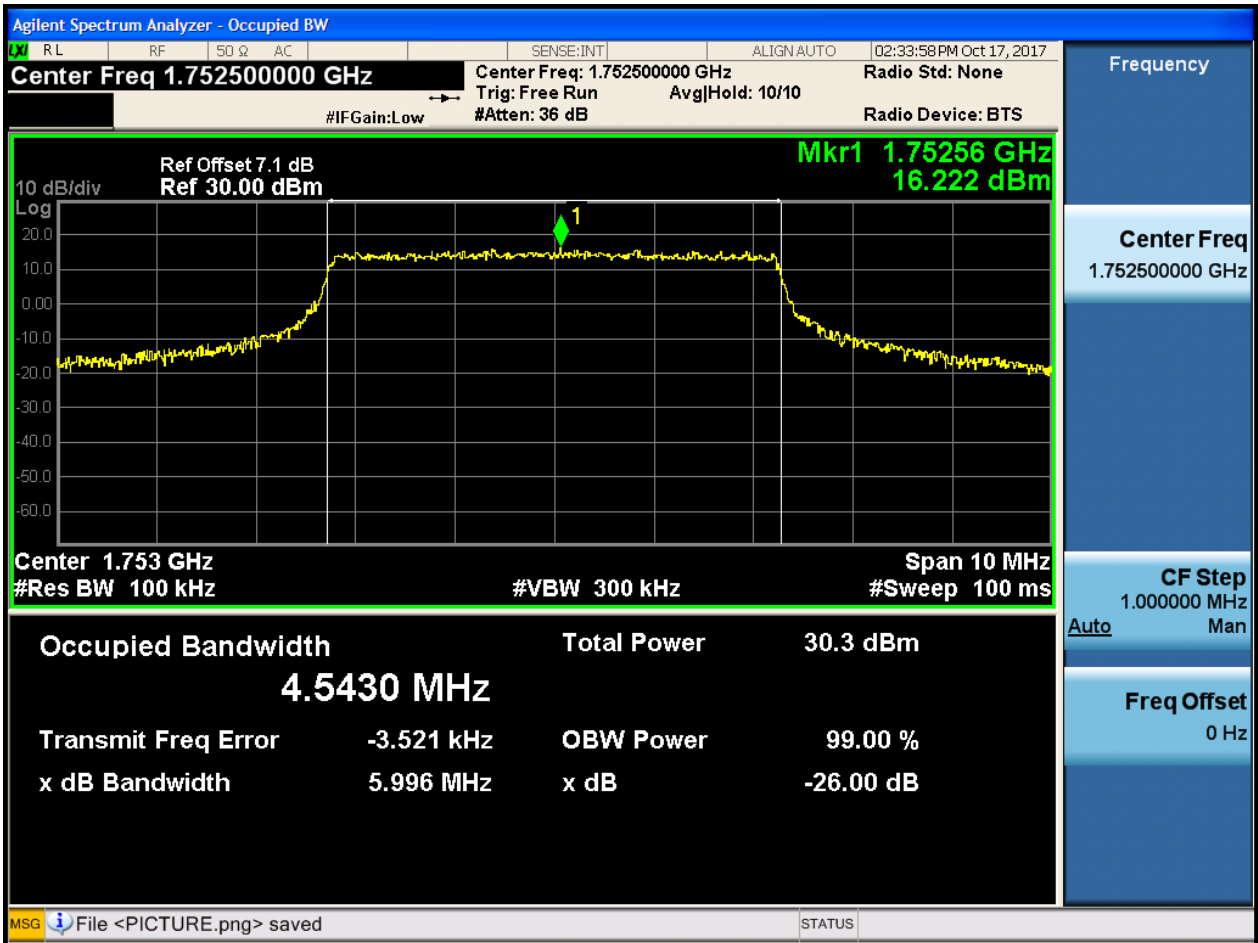
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

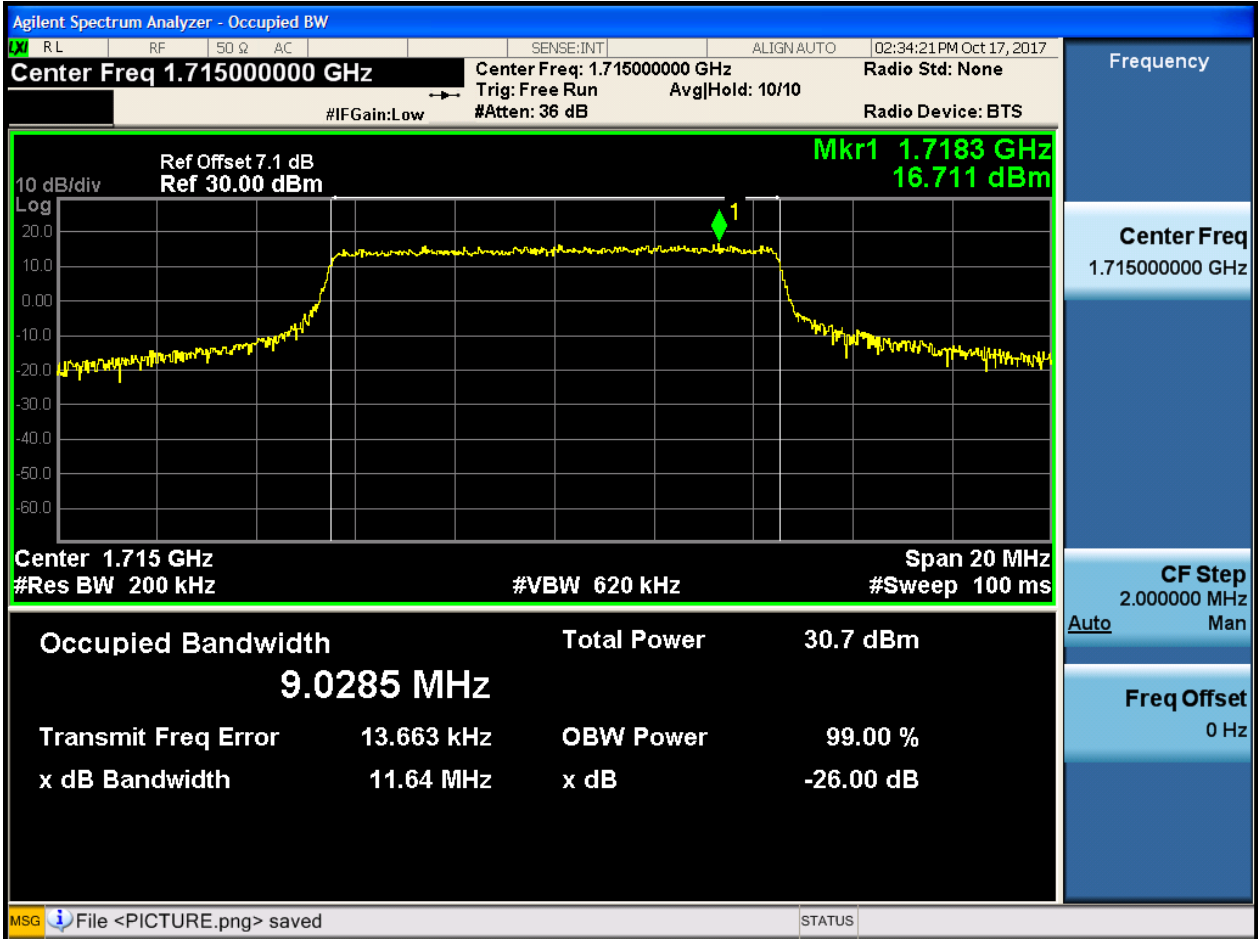




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

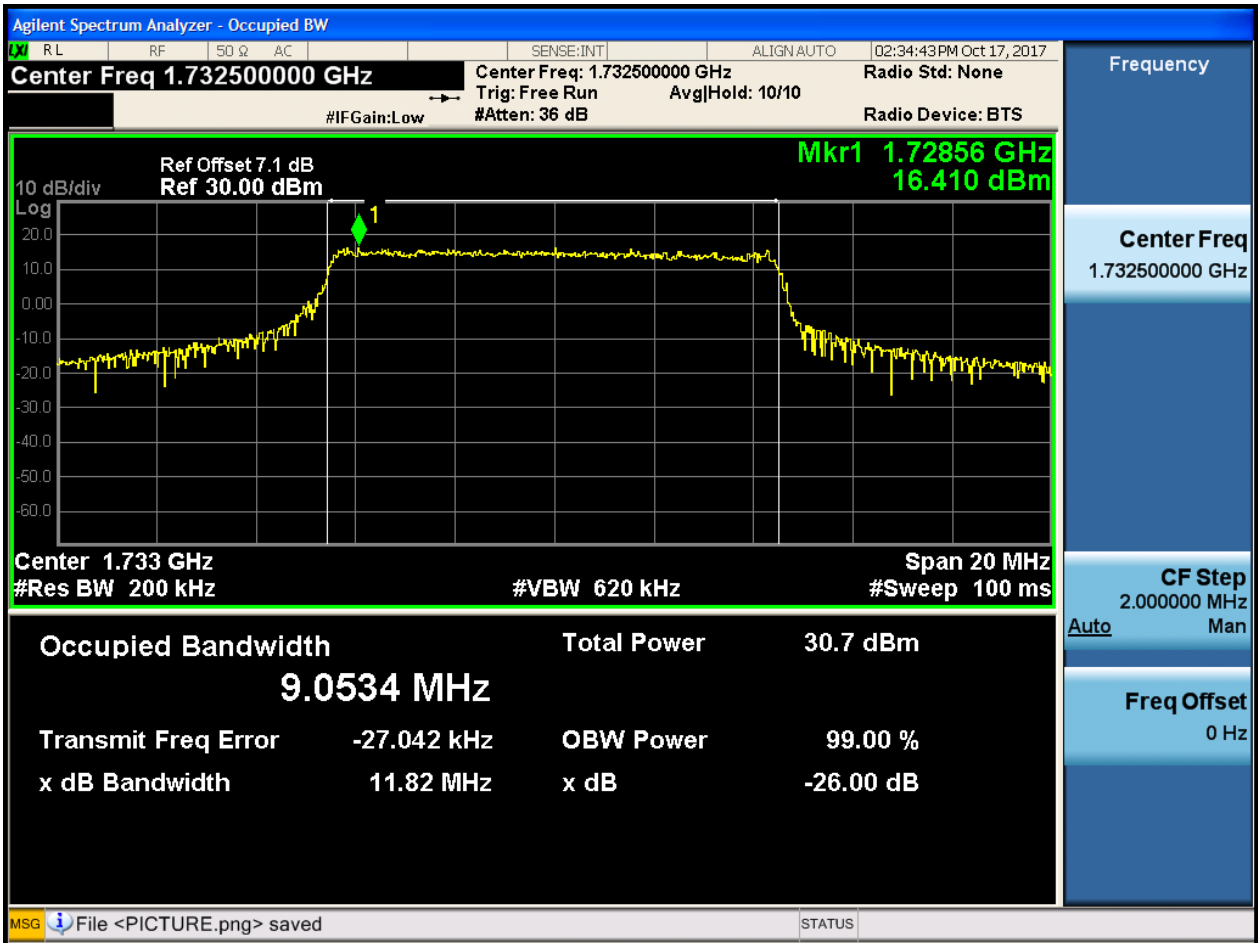
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

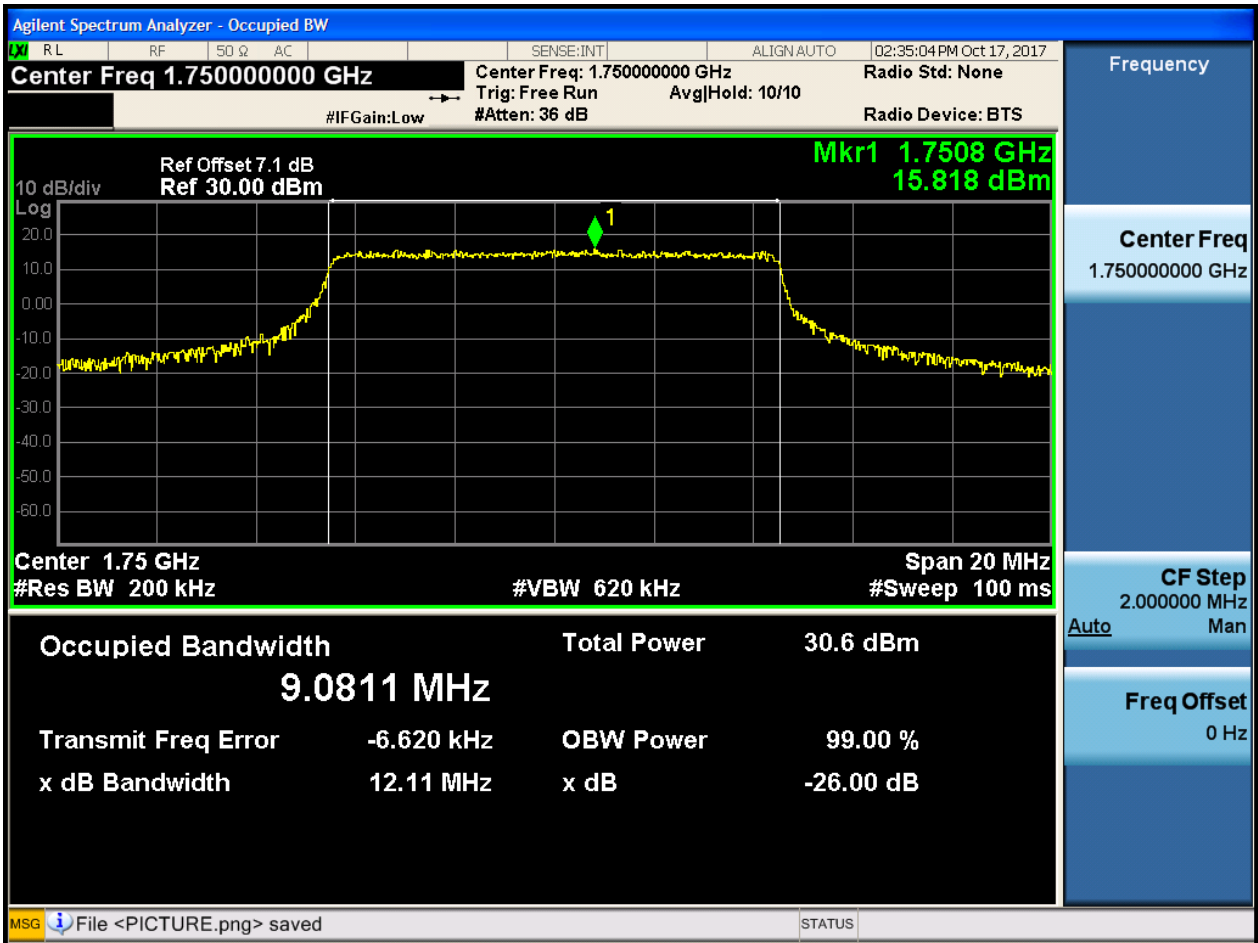
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

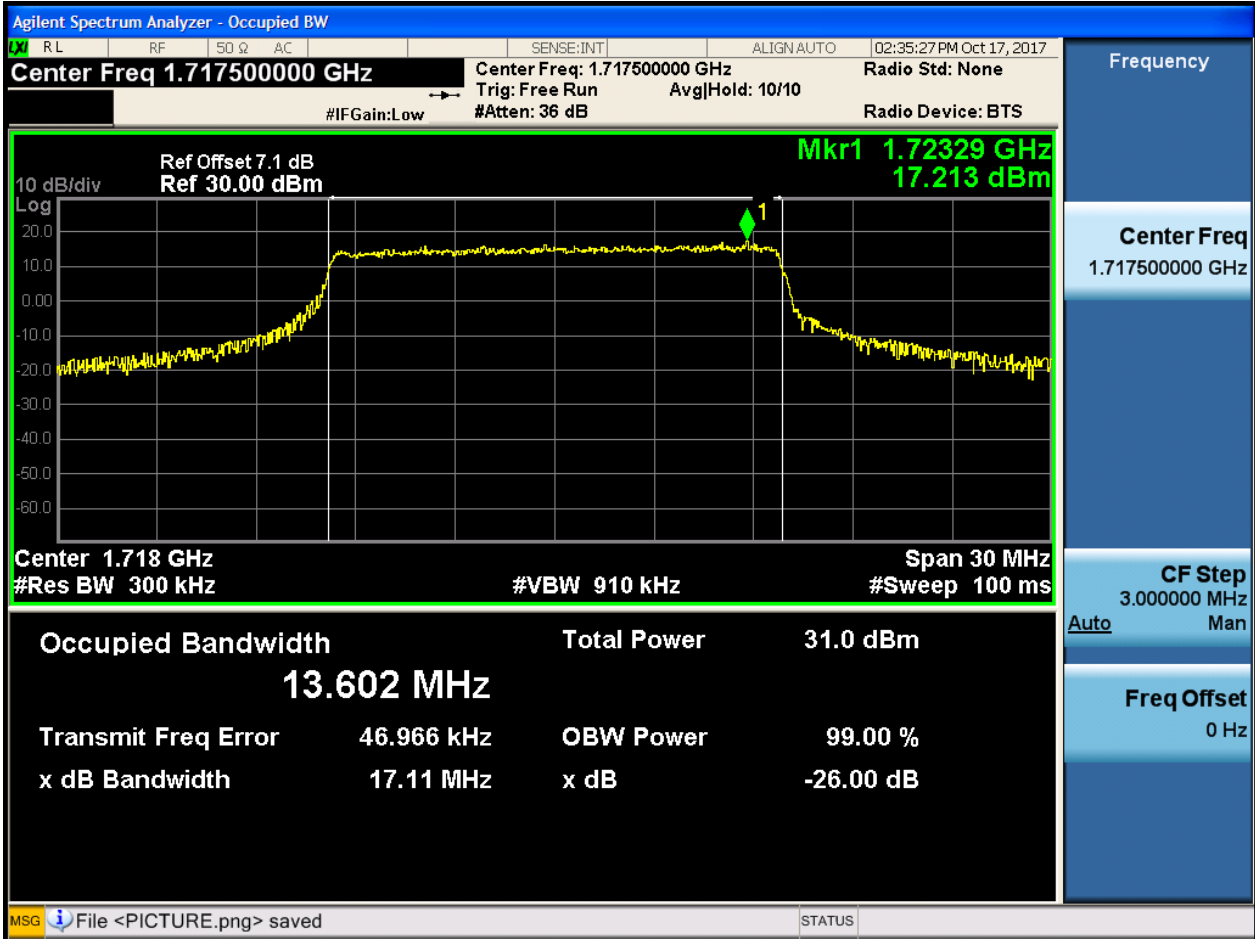




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

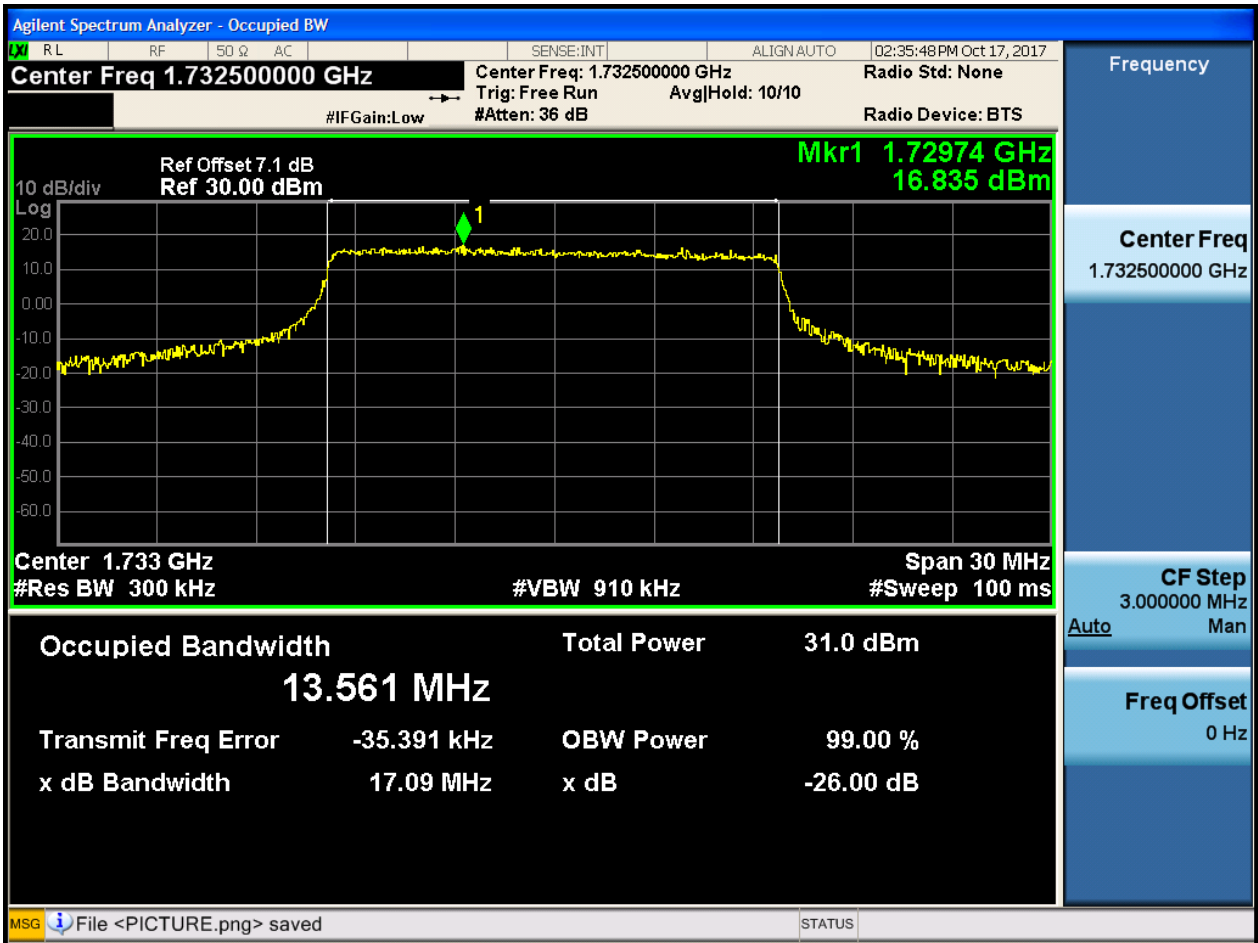
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

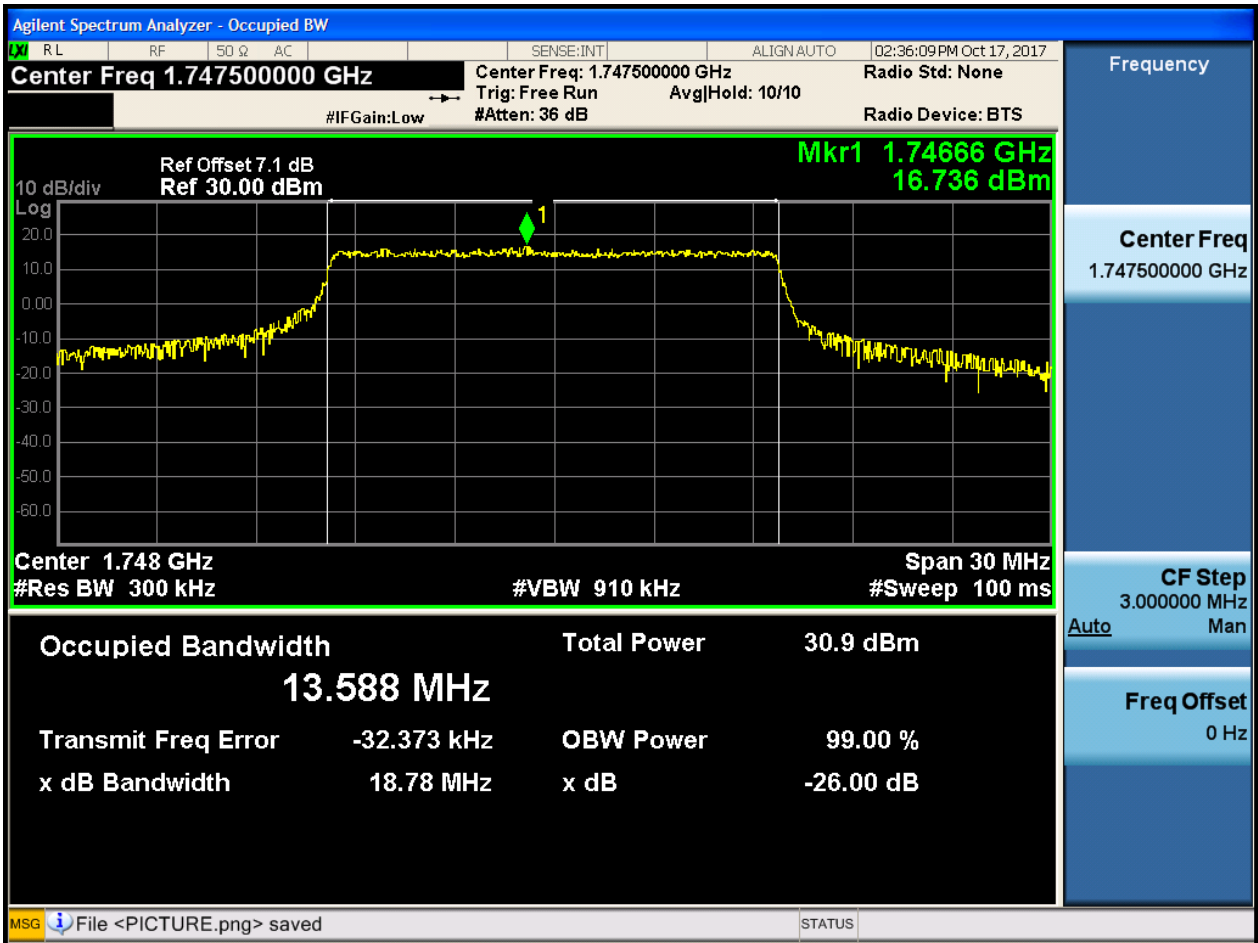
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

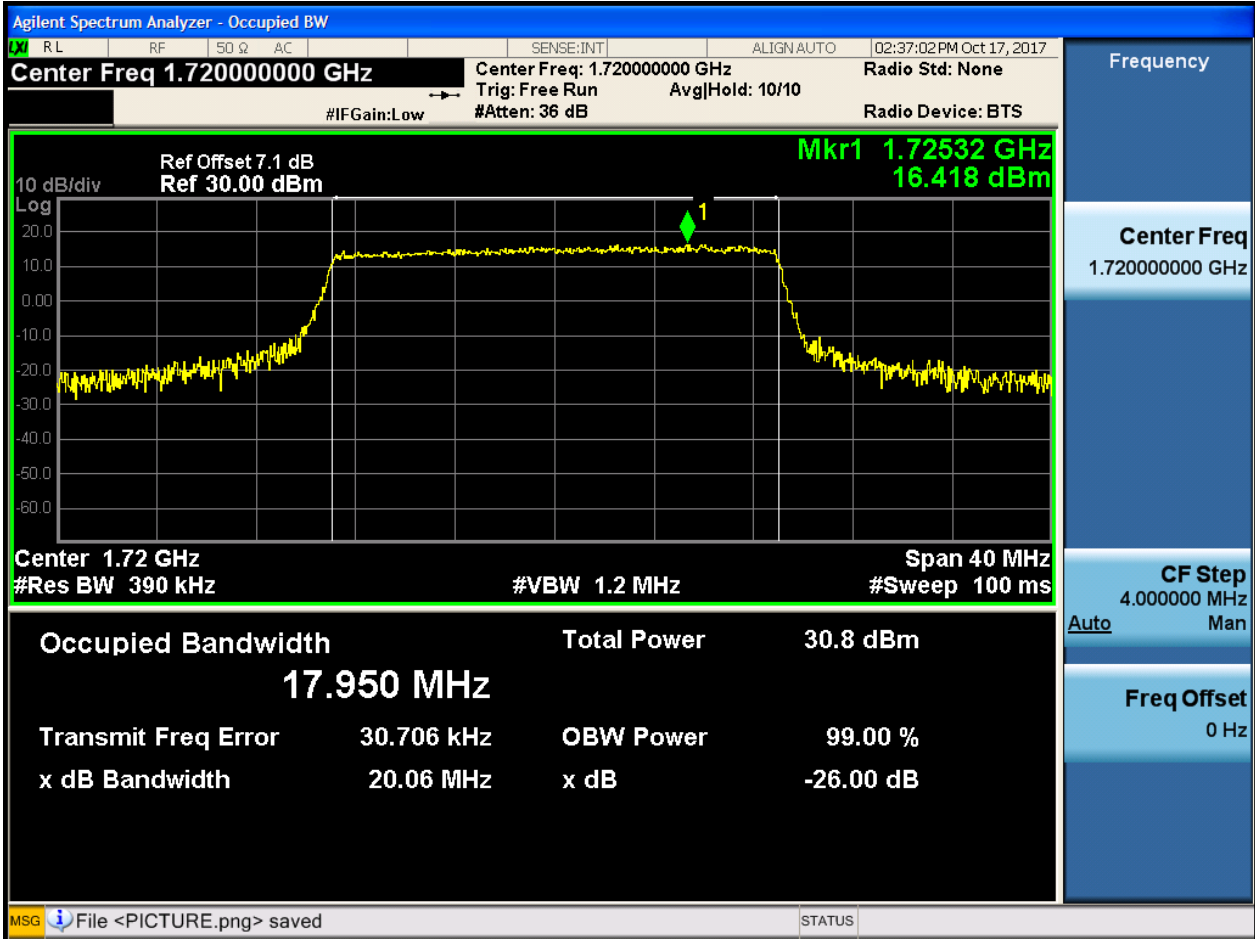




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

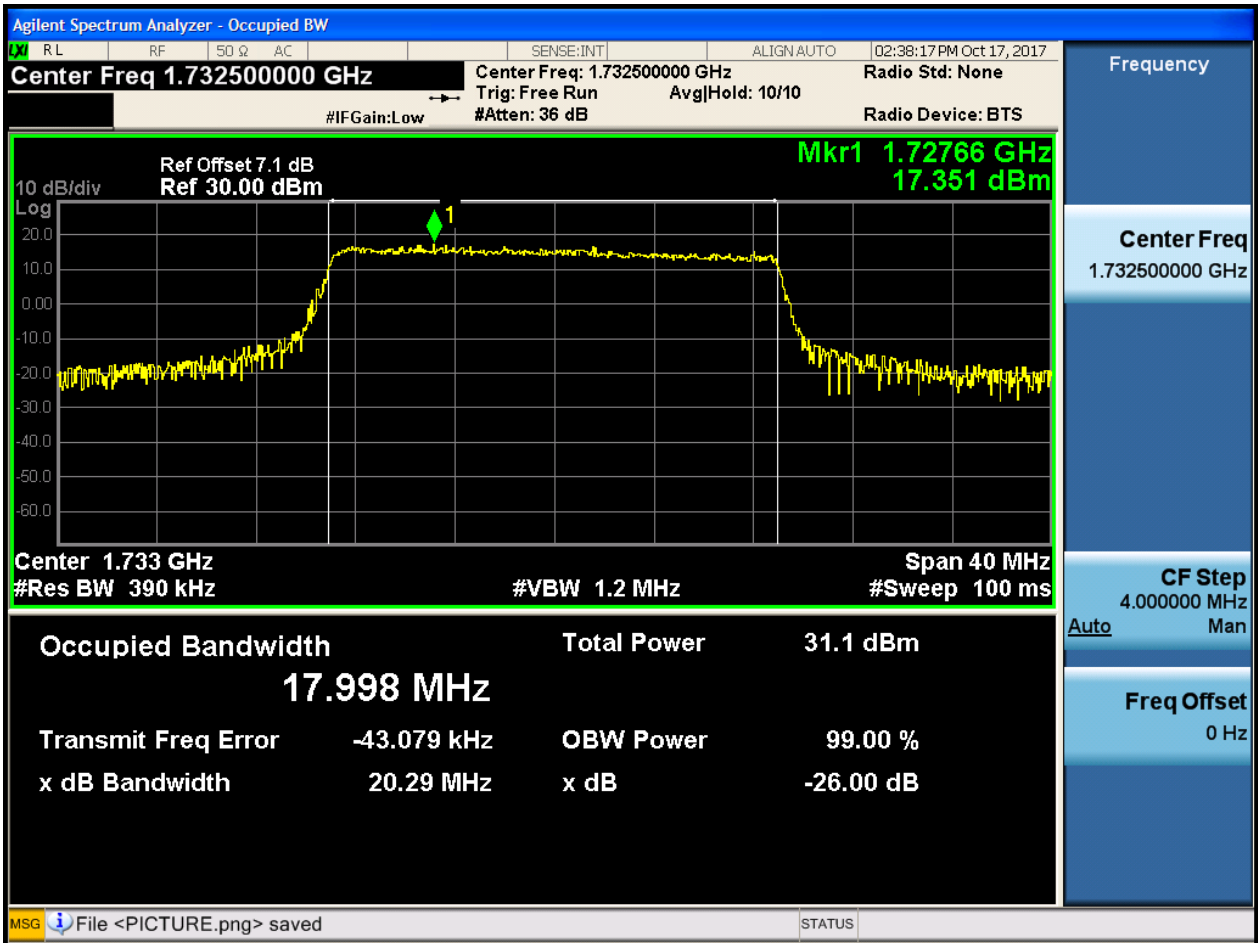
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

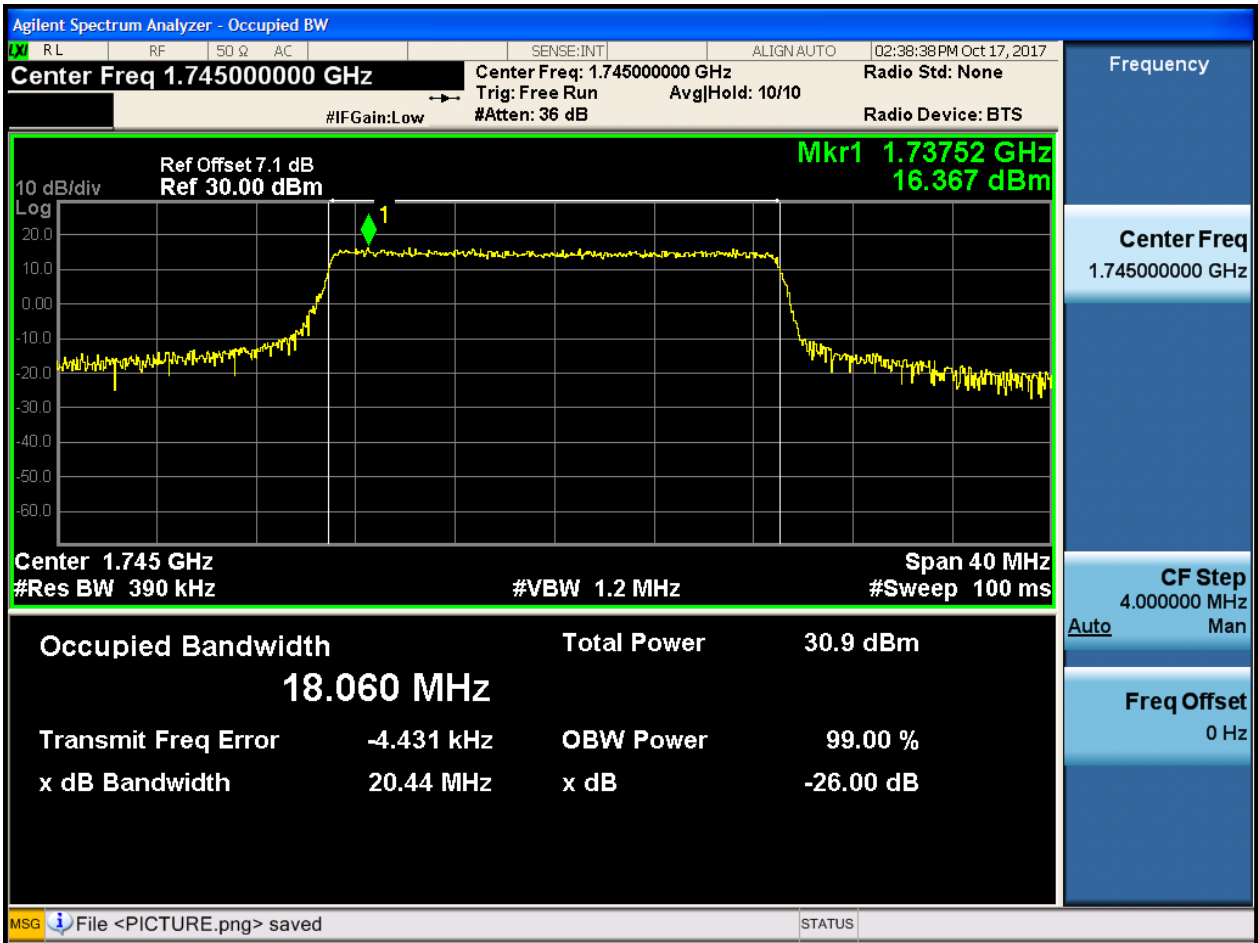
4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0





5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

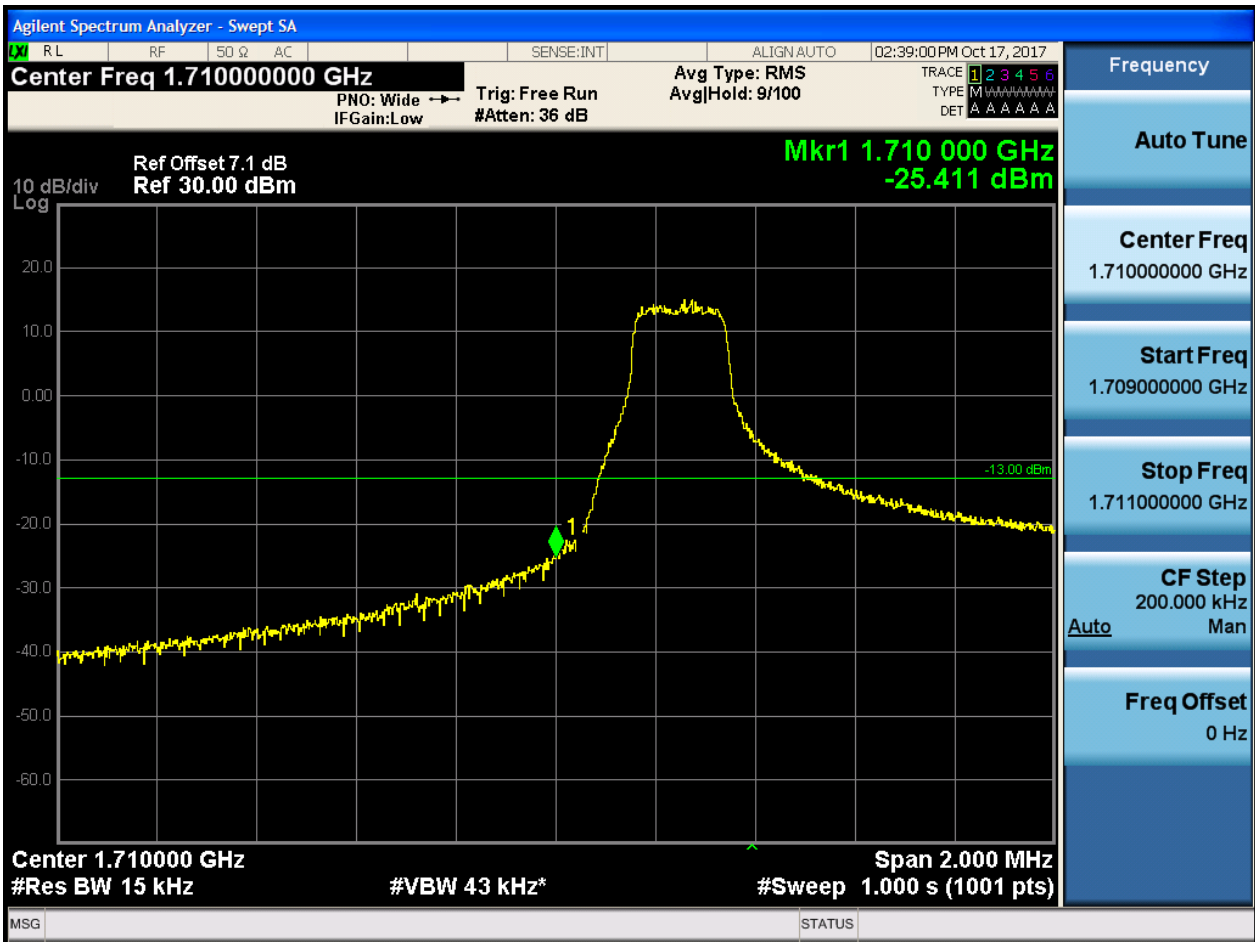
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

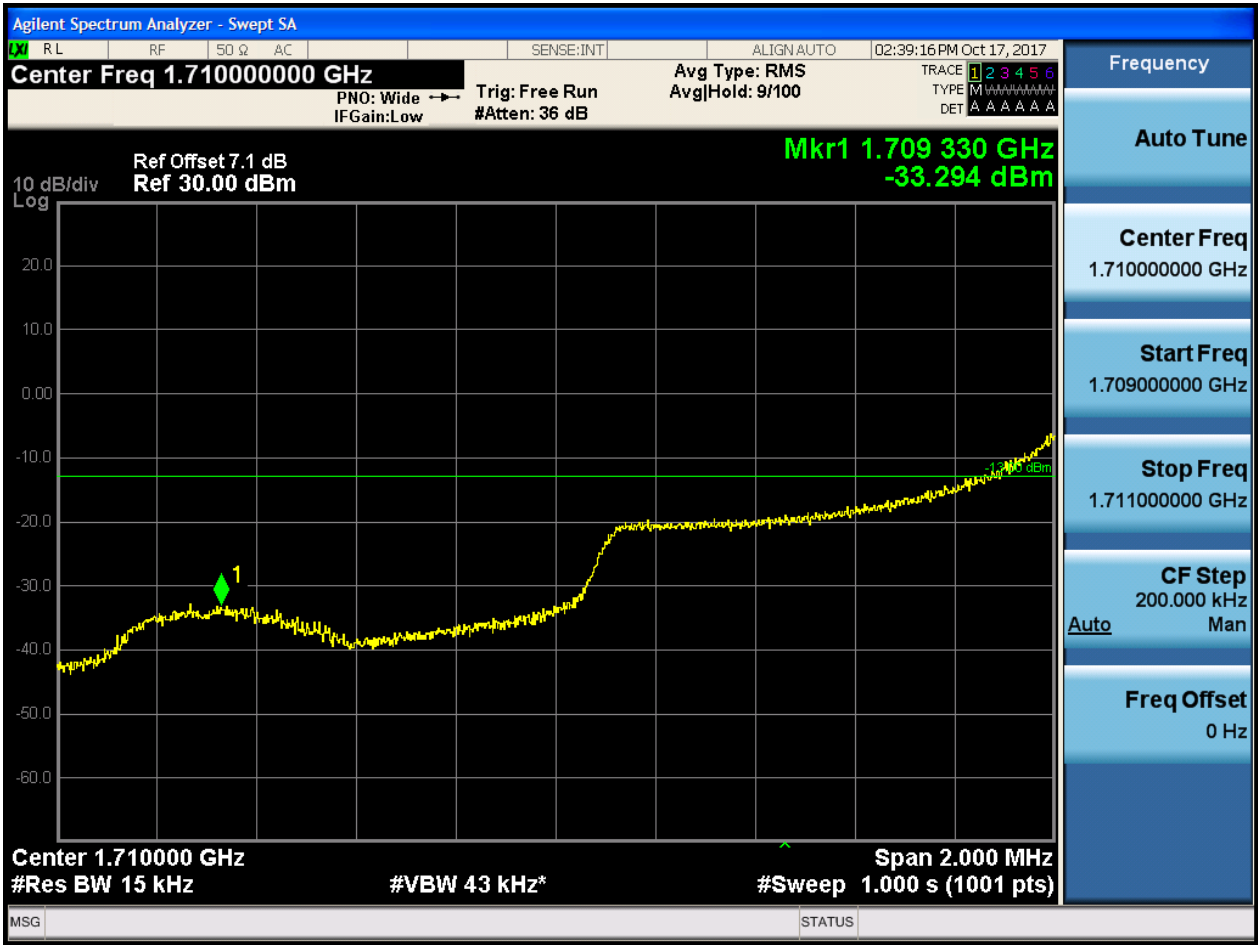
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



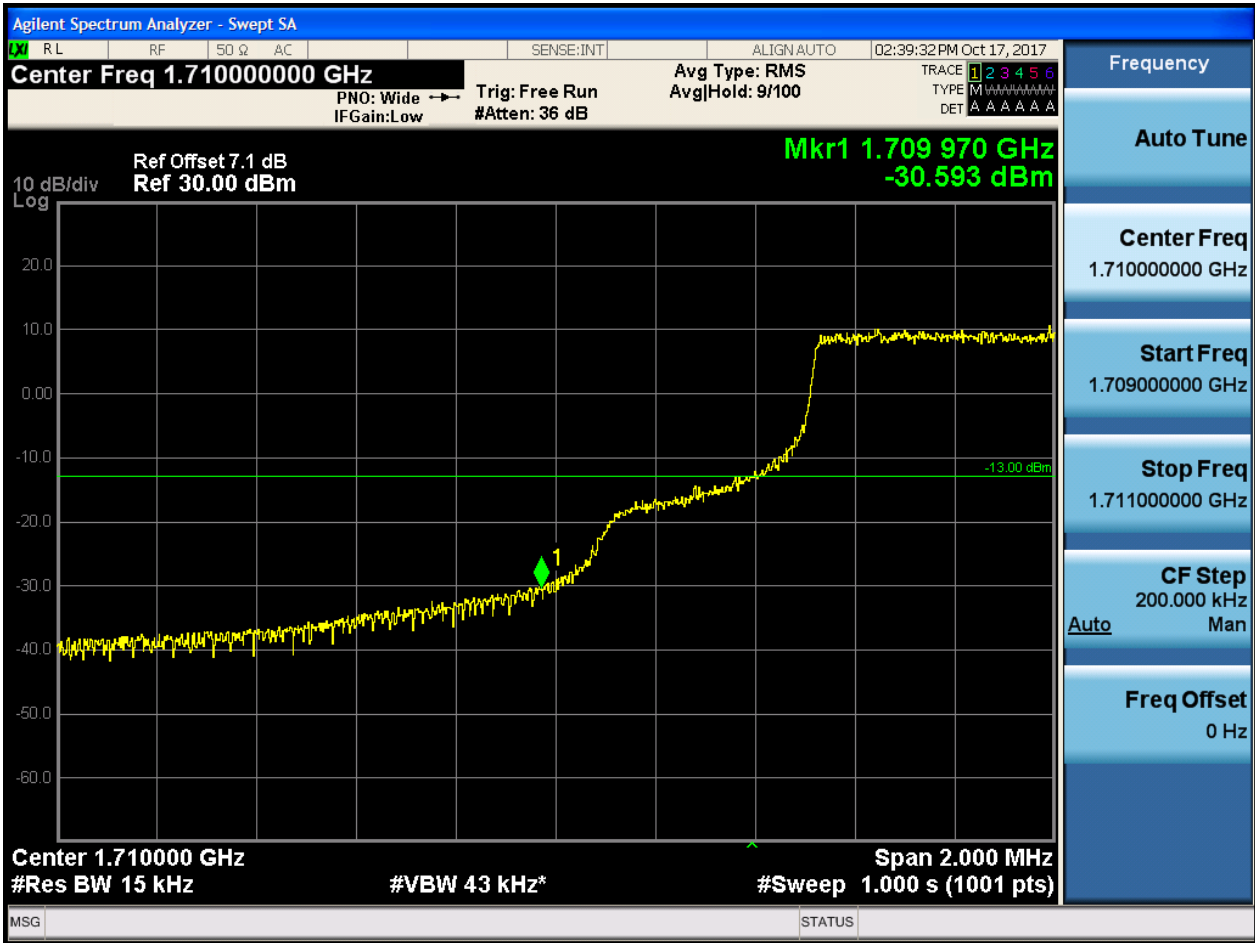


5.1.1.1.1.2 Test RB = RB1#5



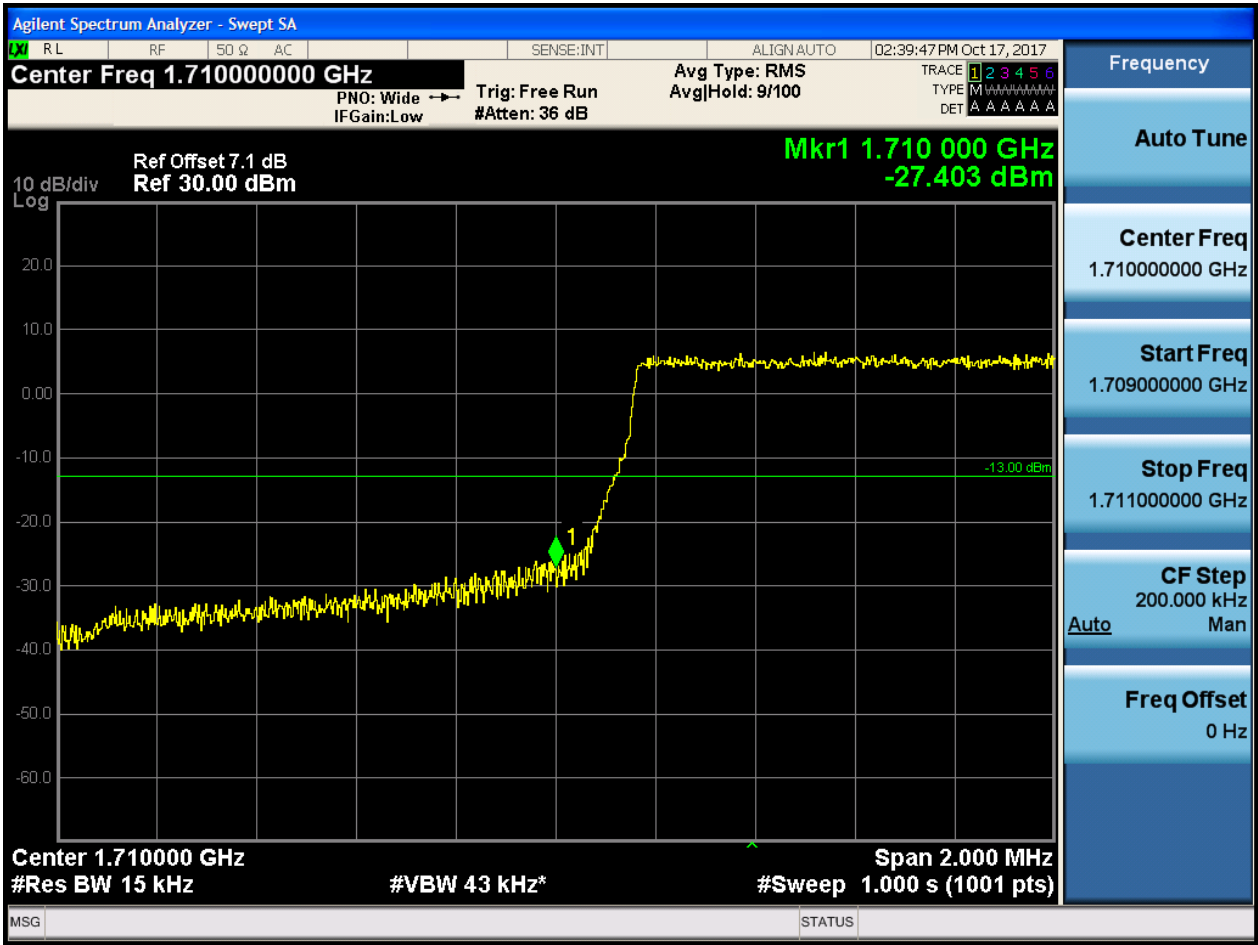


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





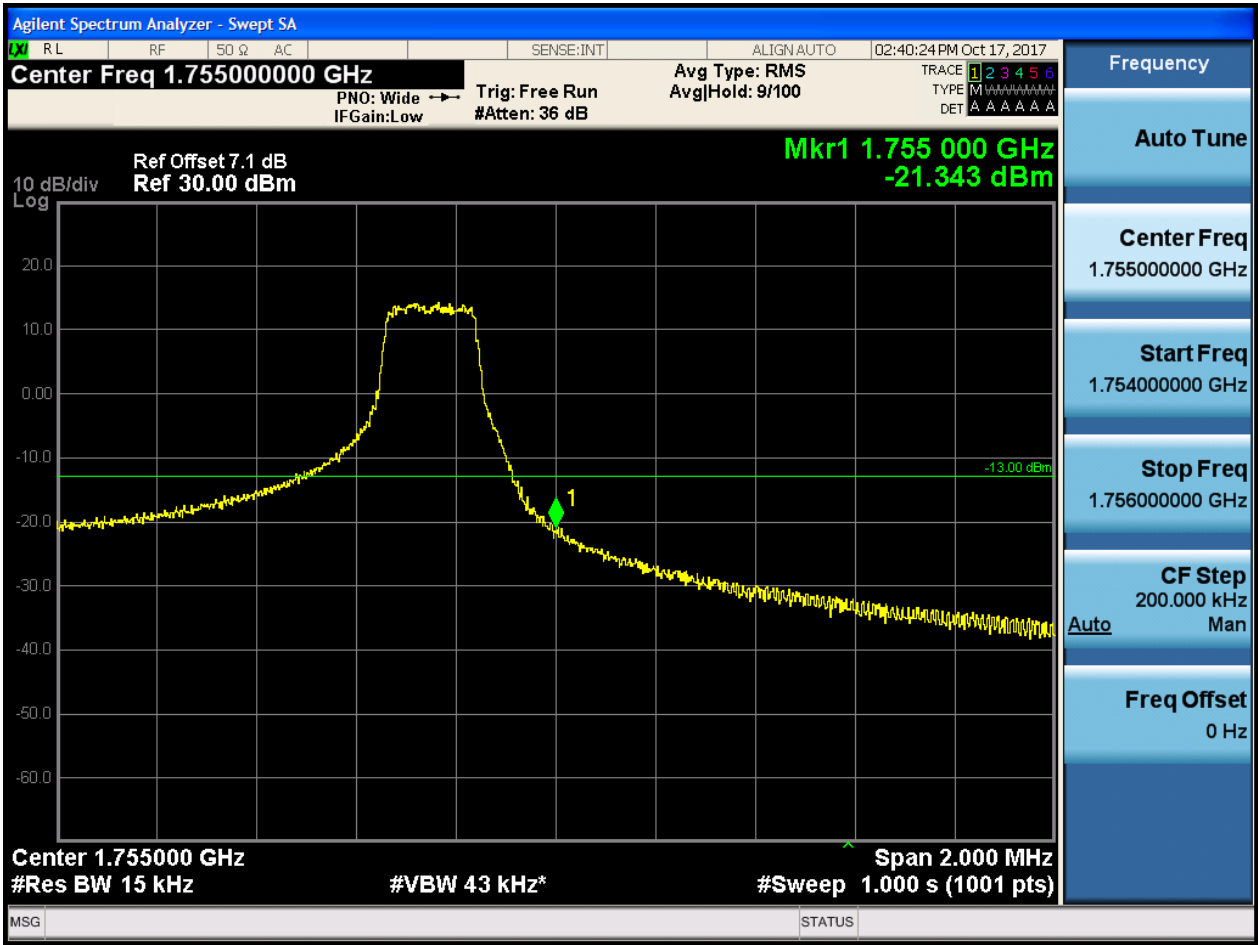
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5



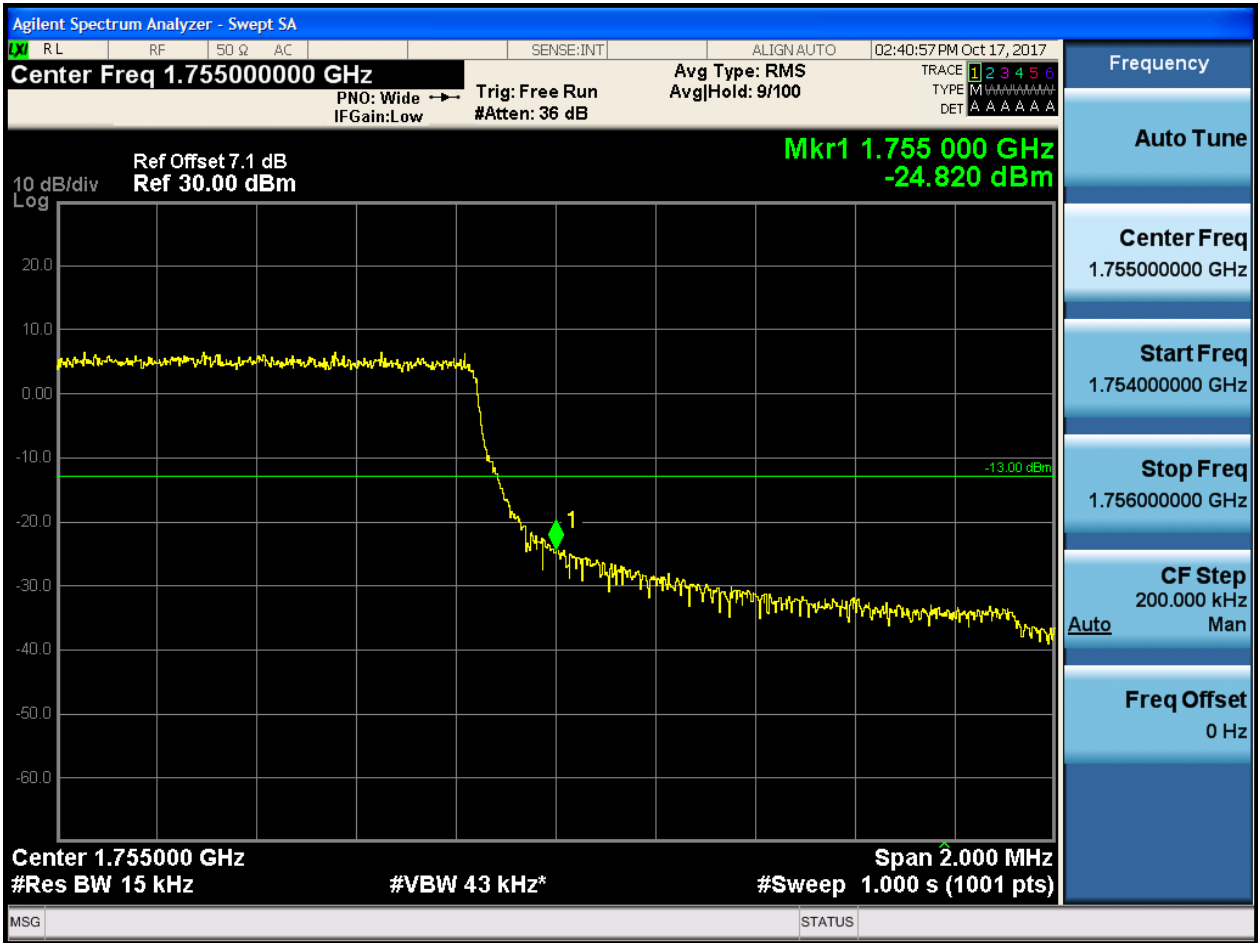


5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

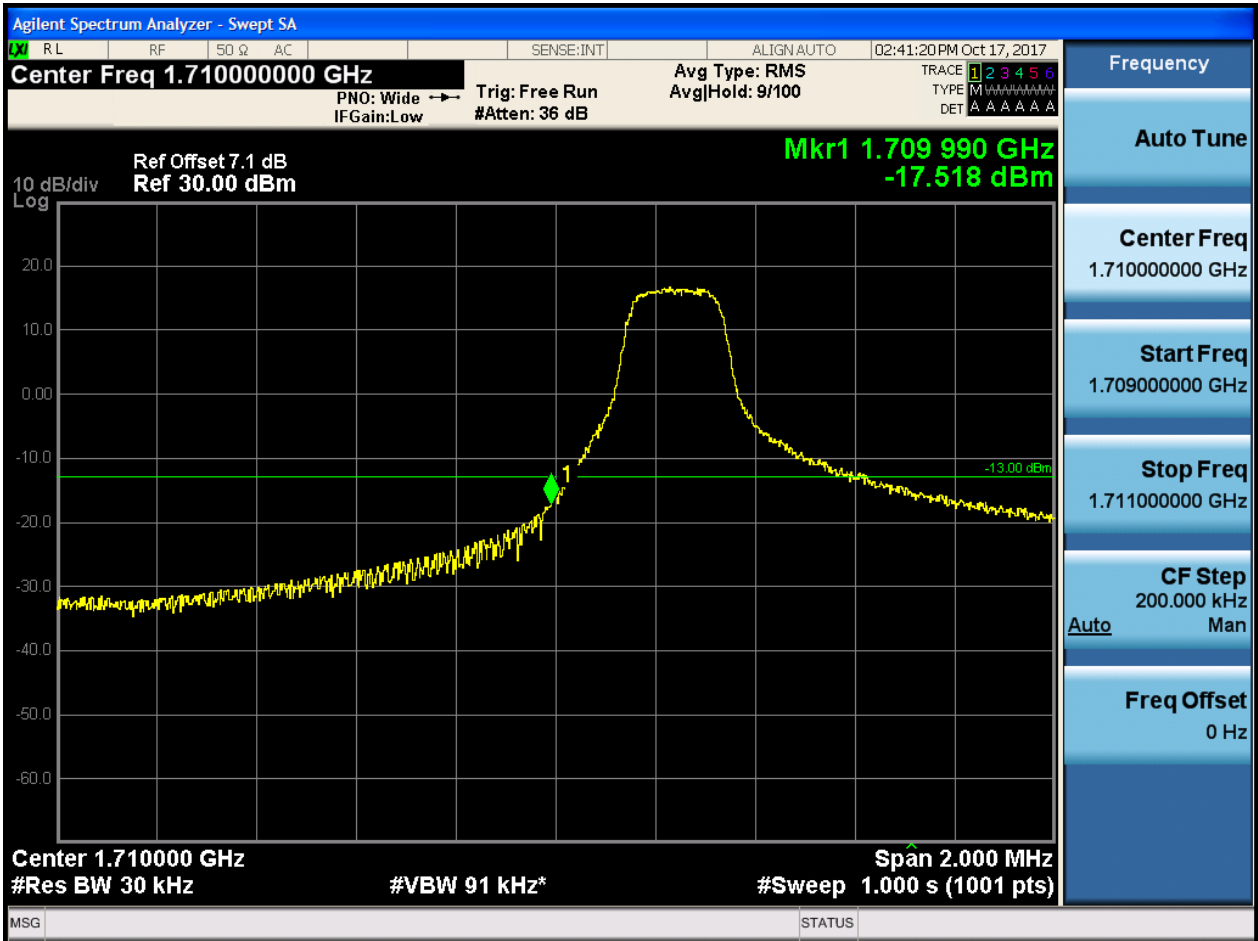




5.1.1.1.2 Test Bandwidth = 3

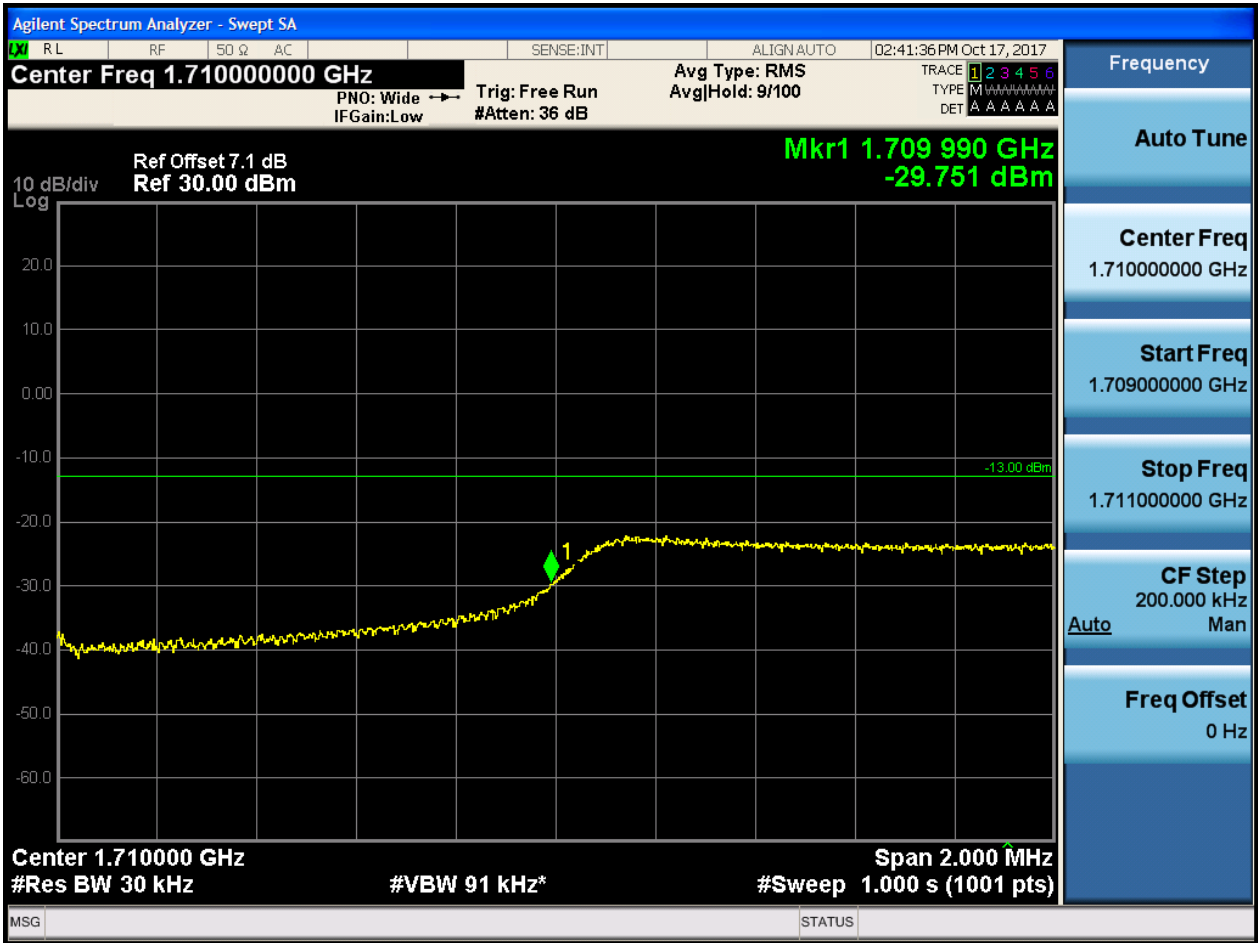
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



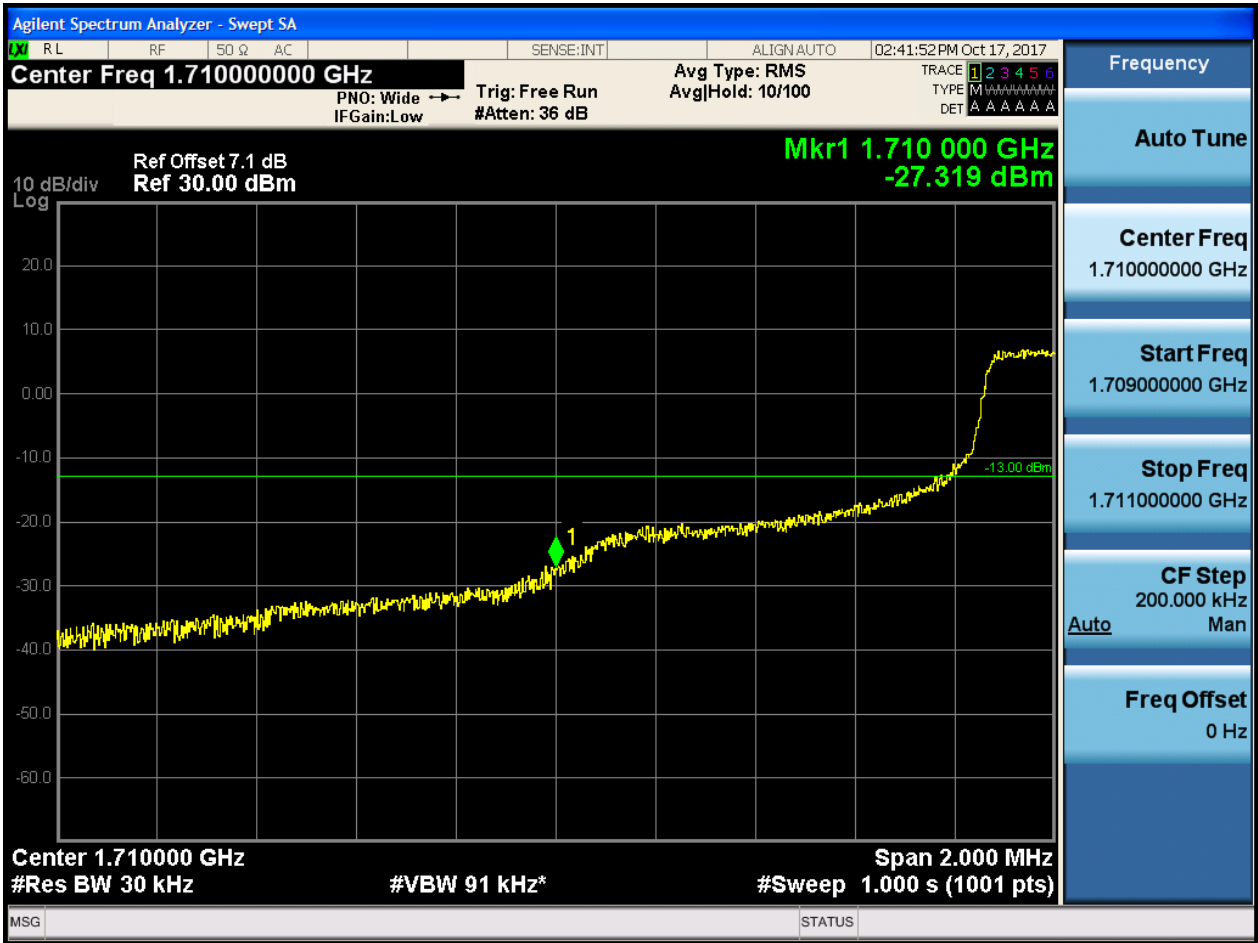


5.1.1.1.2.1.2 Test RB = RB1#14



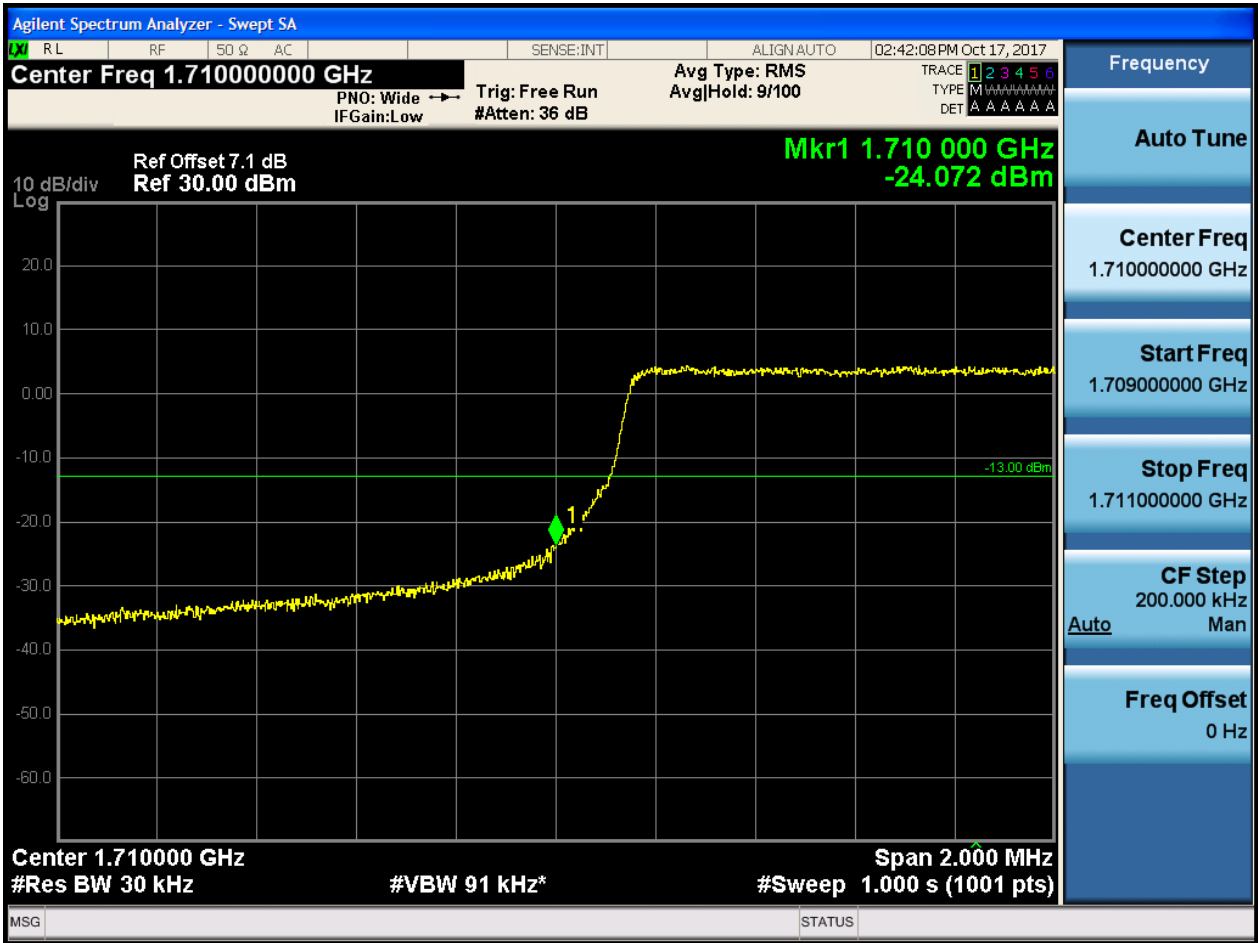


5.1.1.1.2.1.3 Test RB = RB#4





5.1.1.1.2.1.4 Test RB = RB15#0





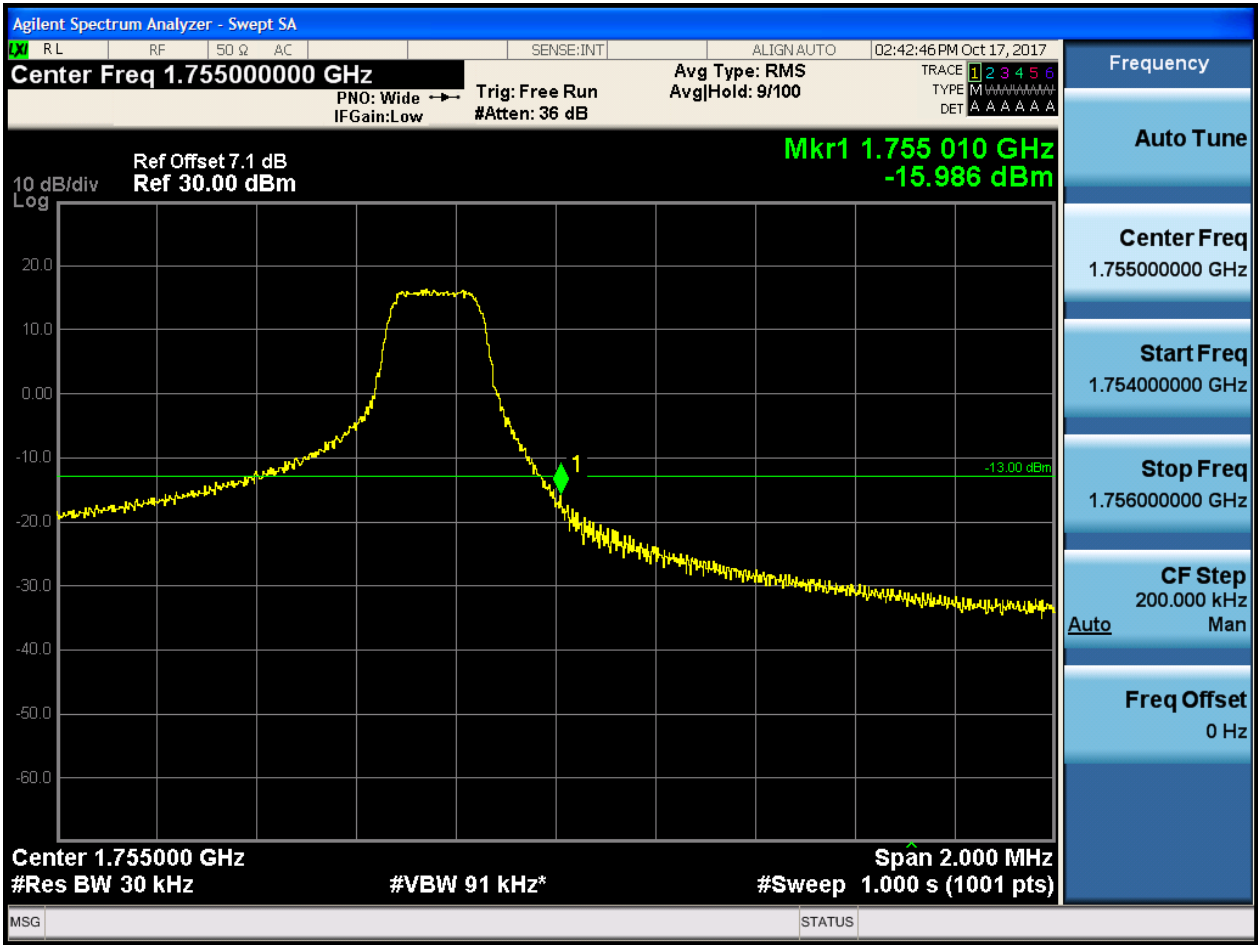
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



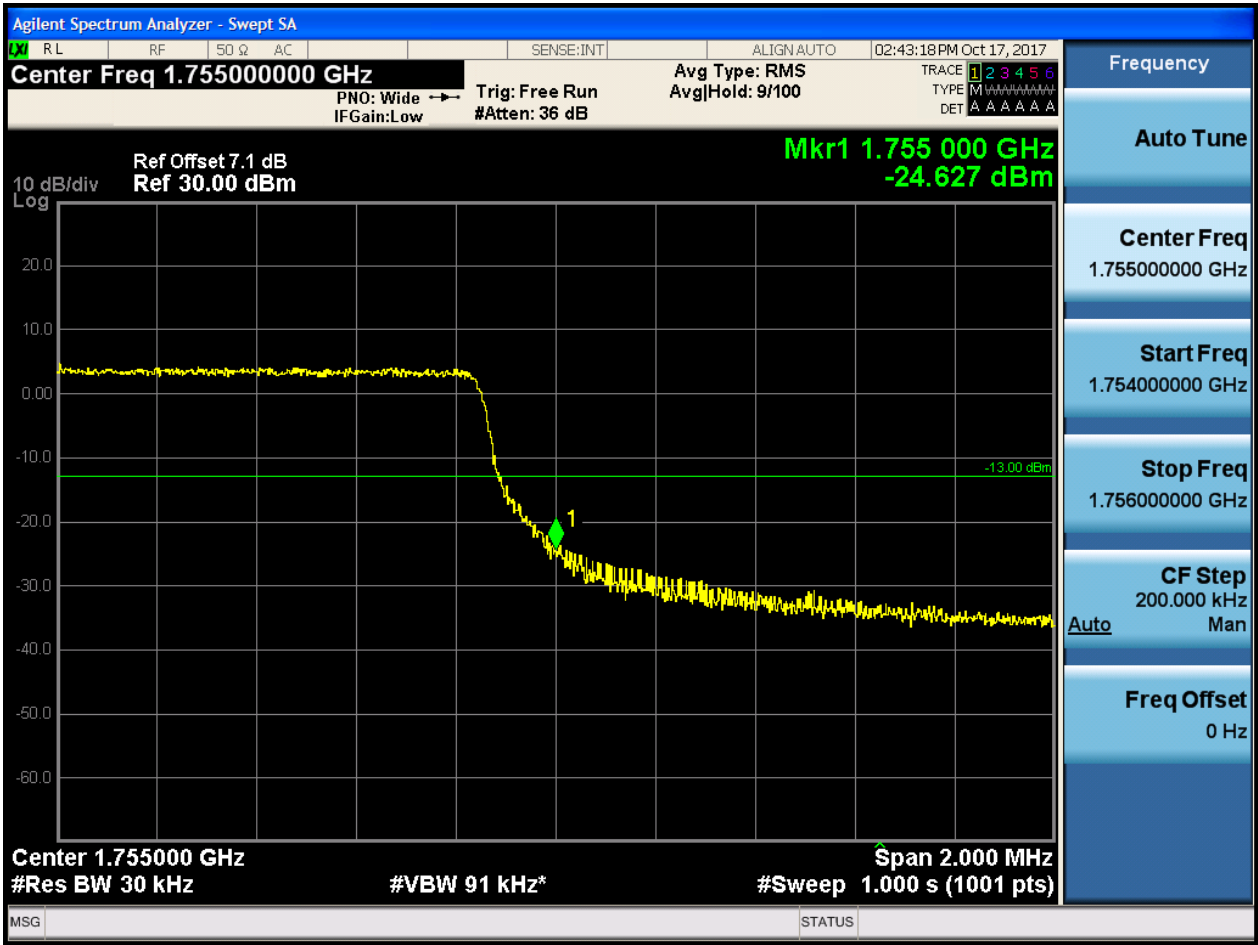


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

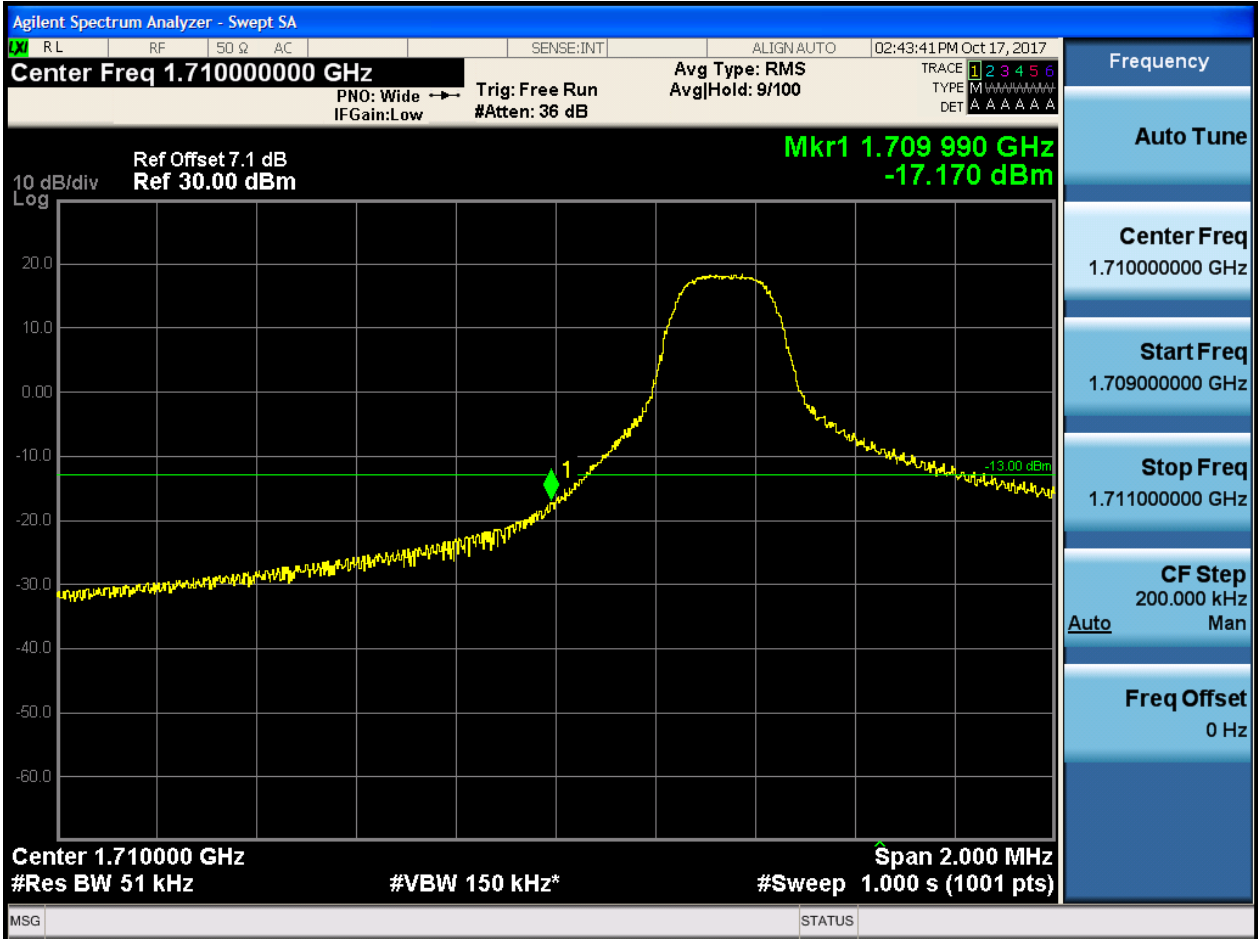




5.1.1.1.3 Test Bandwidth = 5

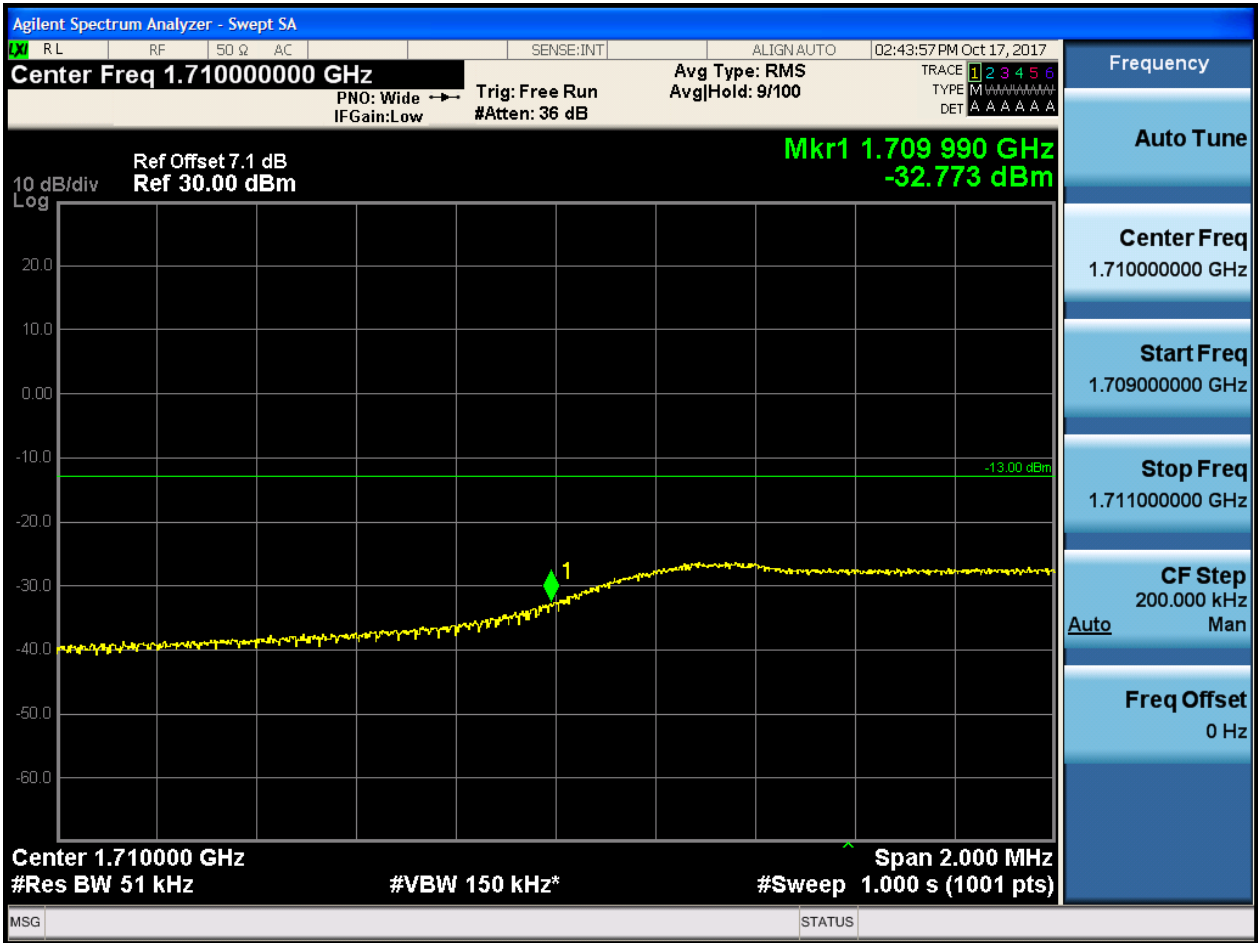
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



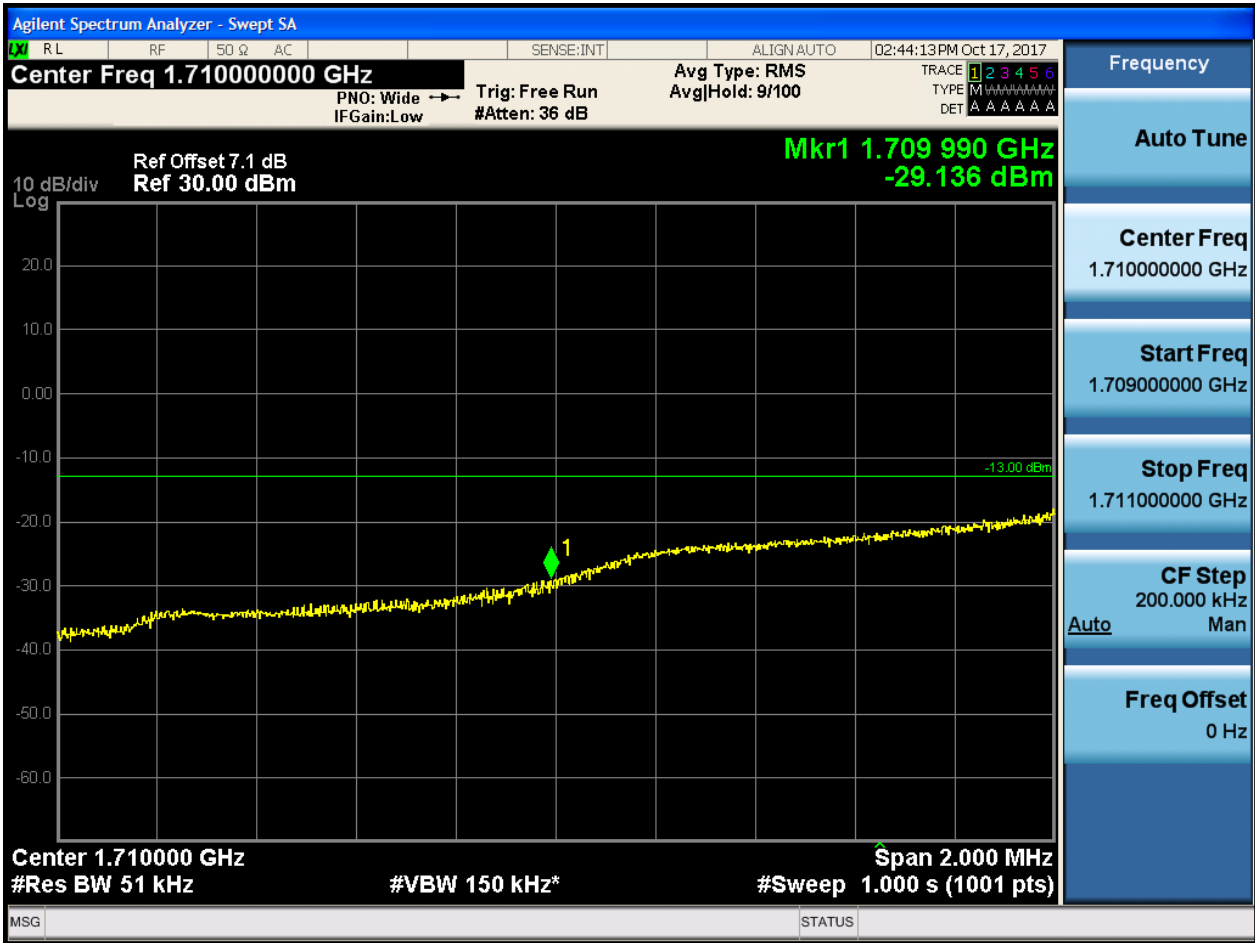


5.1.1.1.3.1.2 Test RB = RB1#24



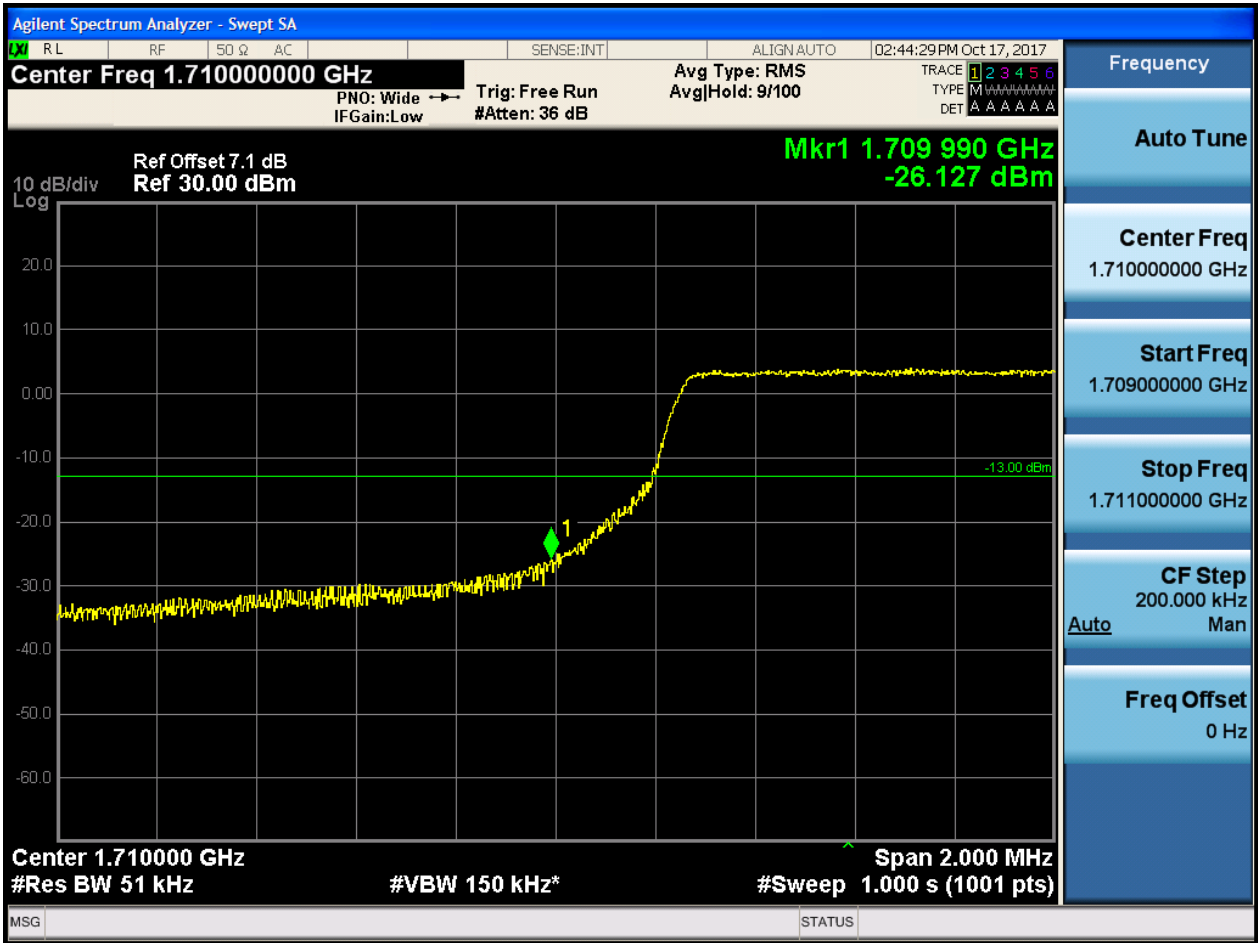


5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





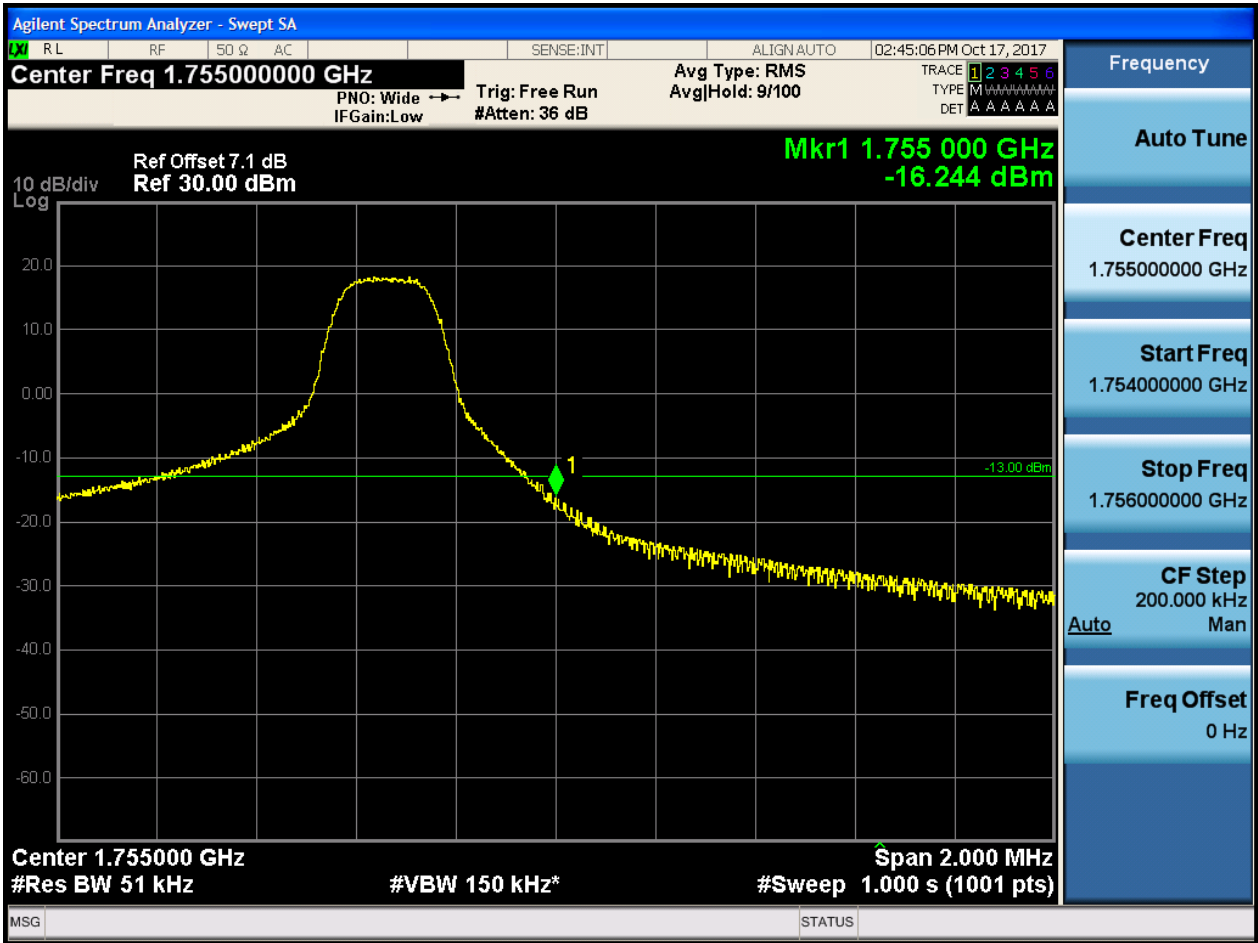
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



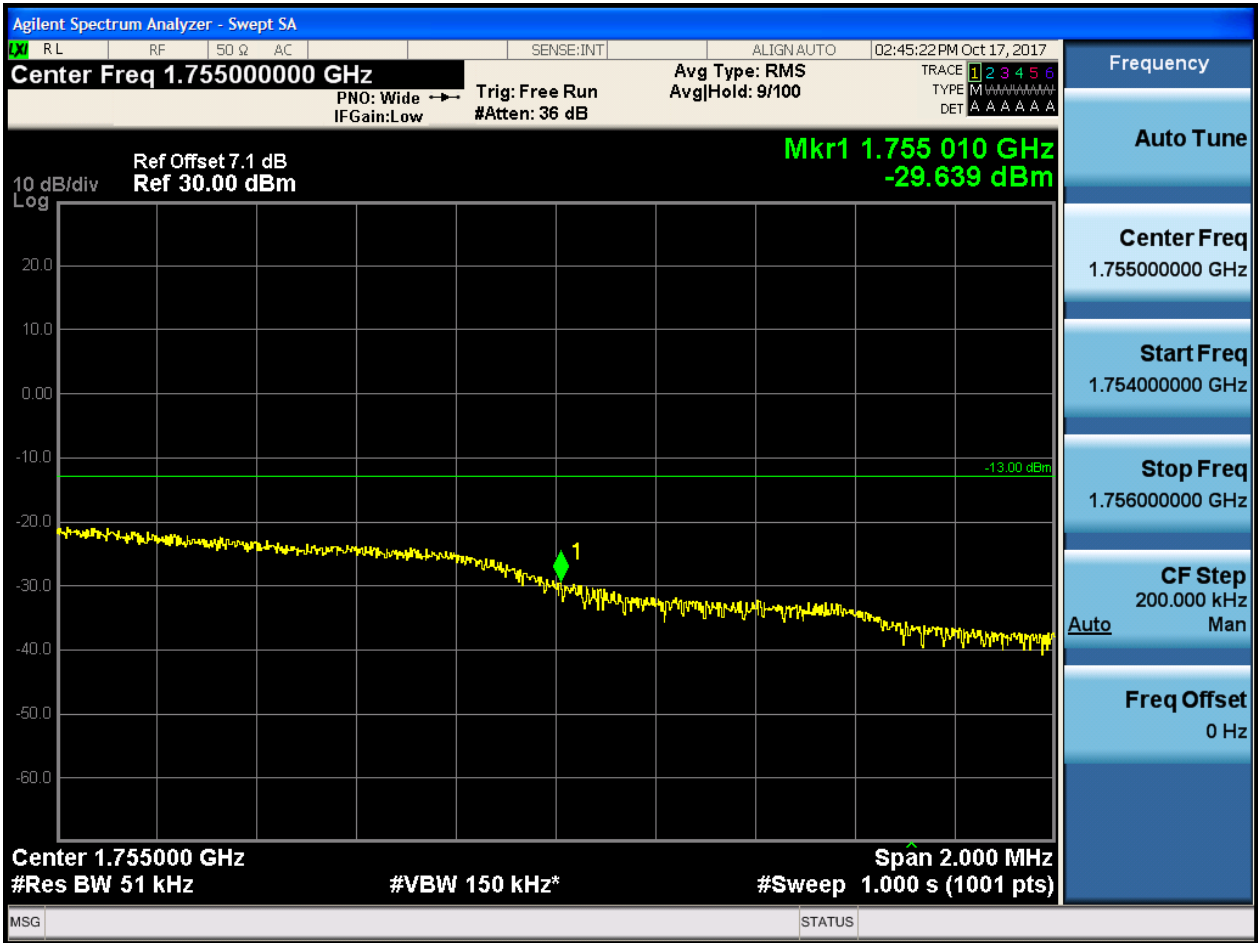


5.1.1.1.3.2.2 Test RB = RB1#24



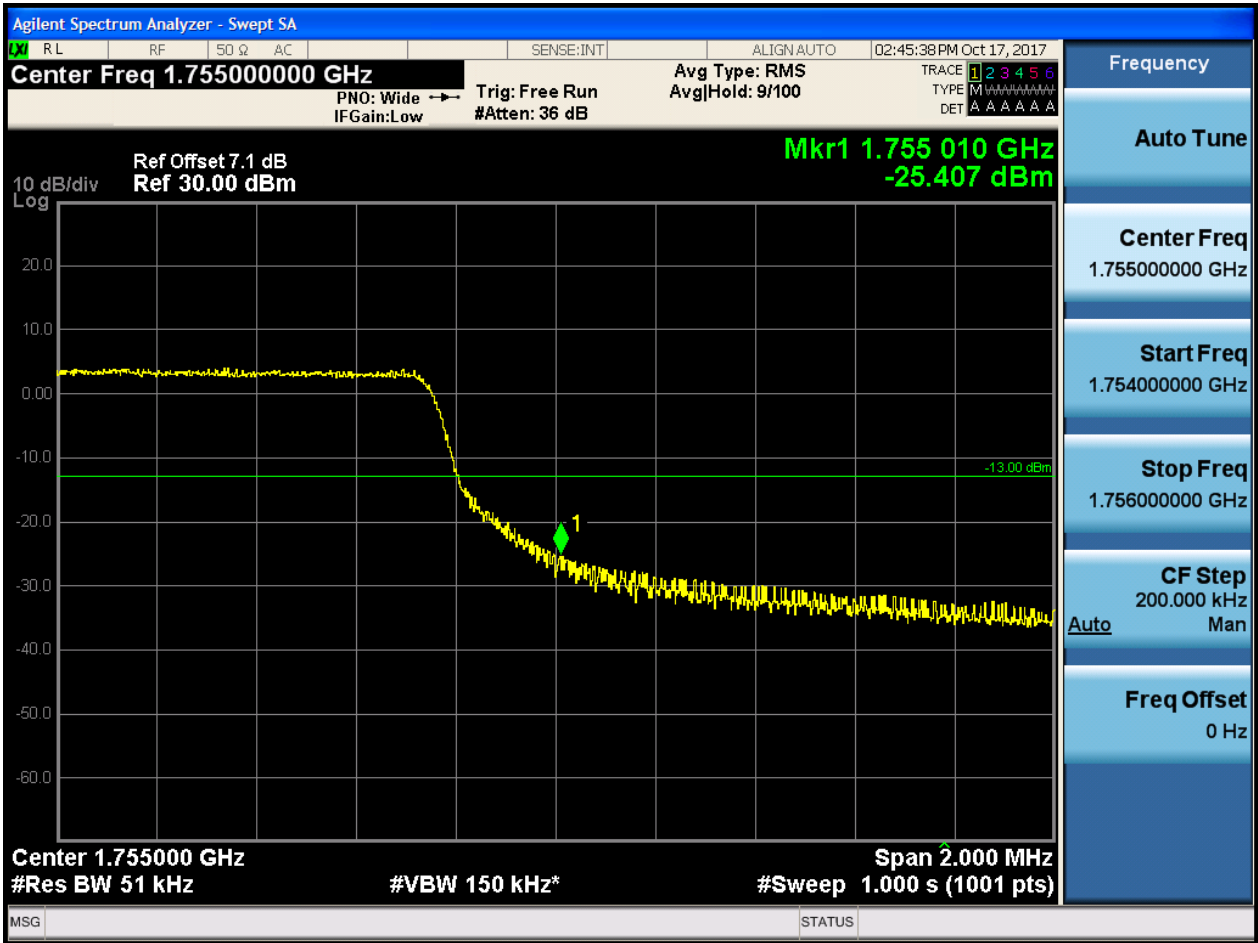


5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

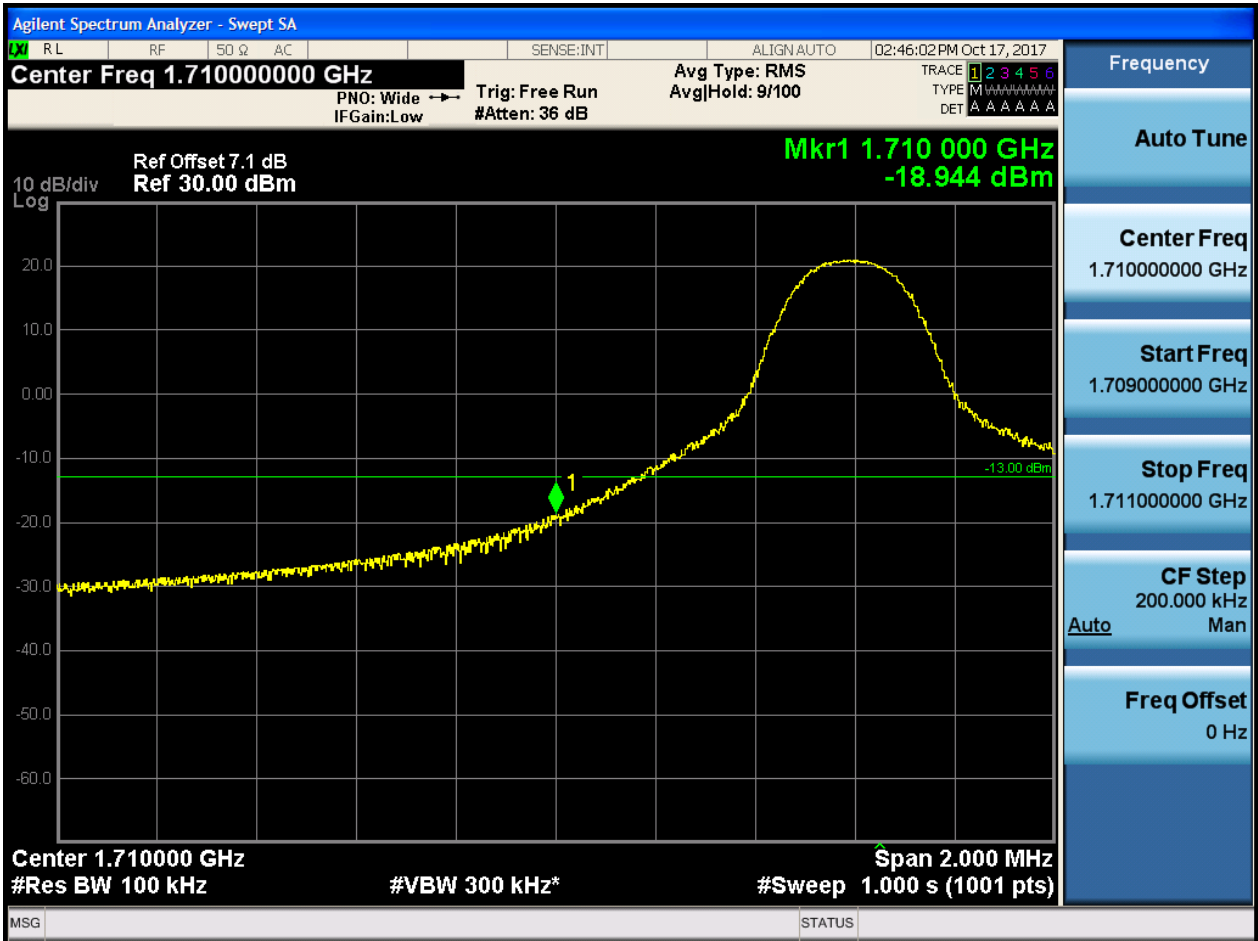




5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



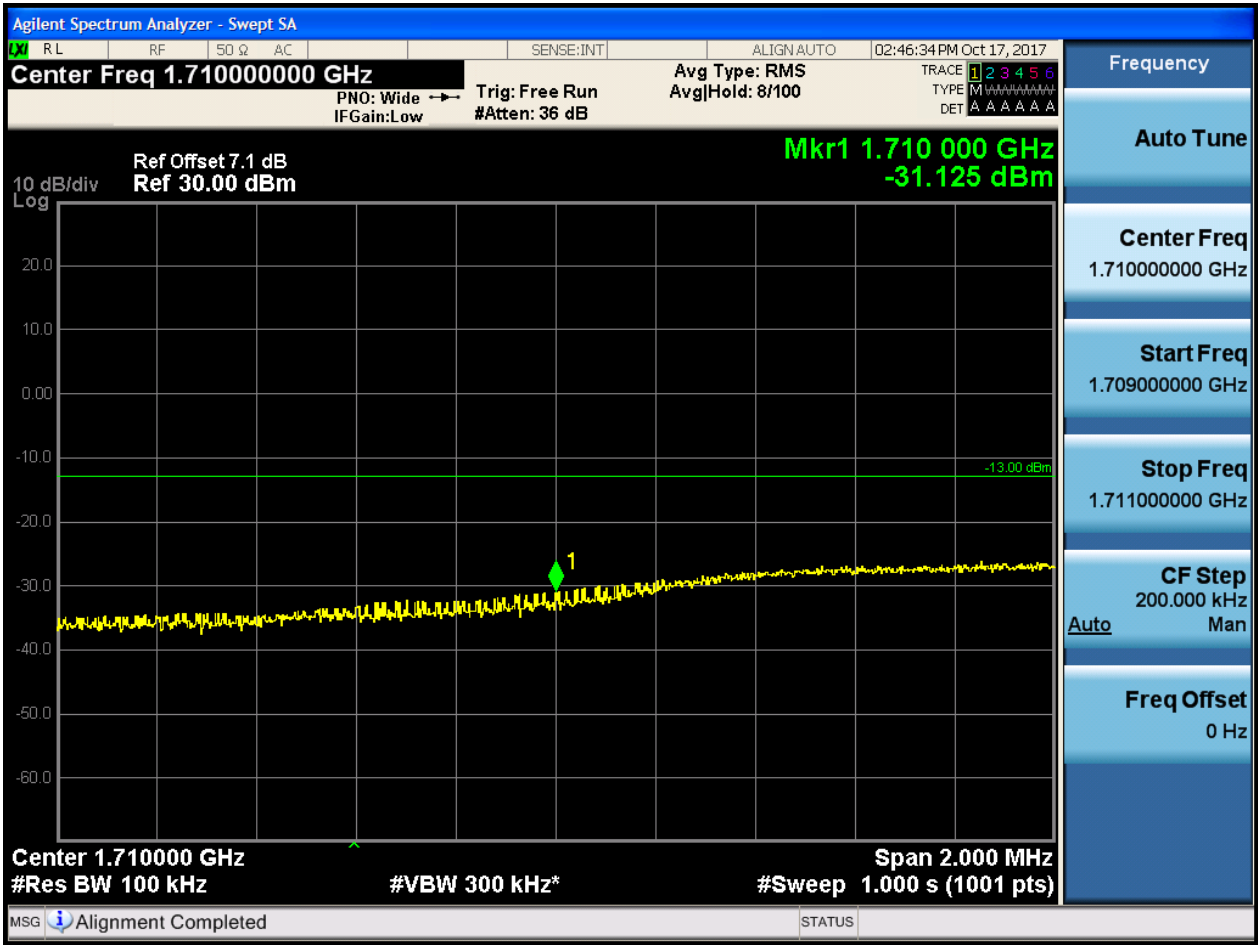


5.1.1.1.4.1.2 Test RB = RB1#49



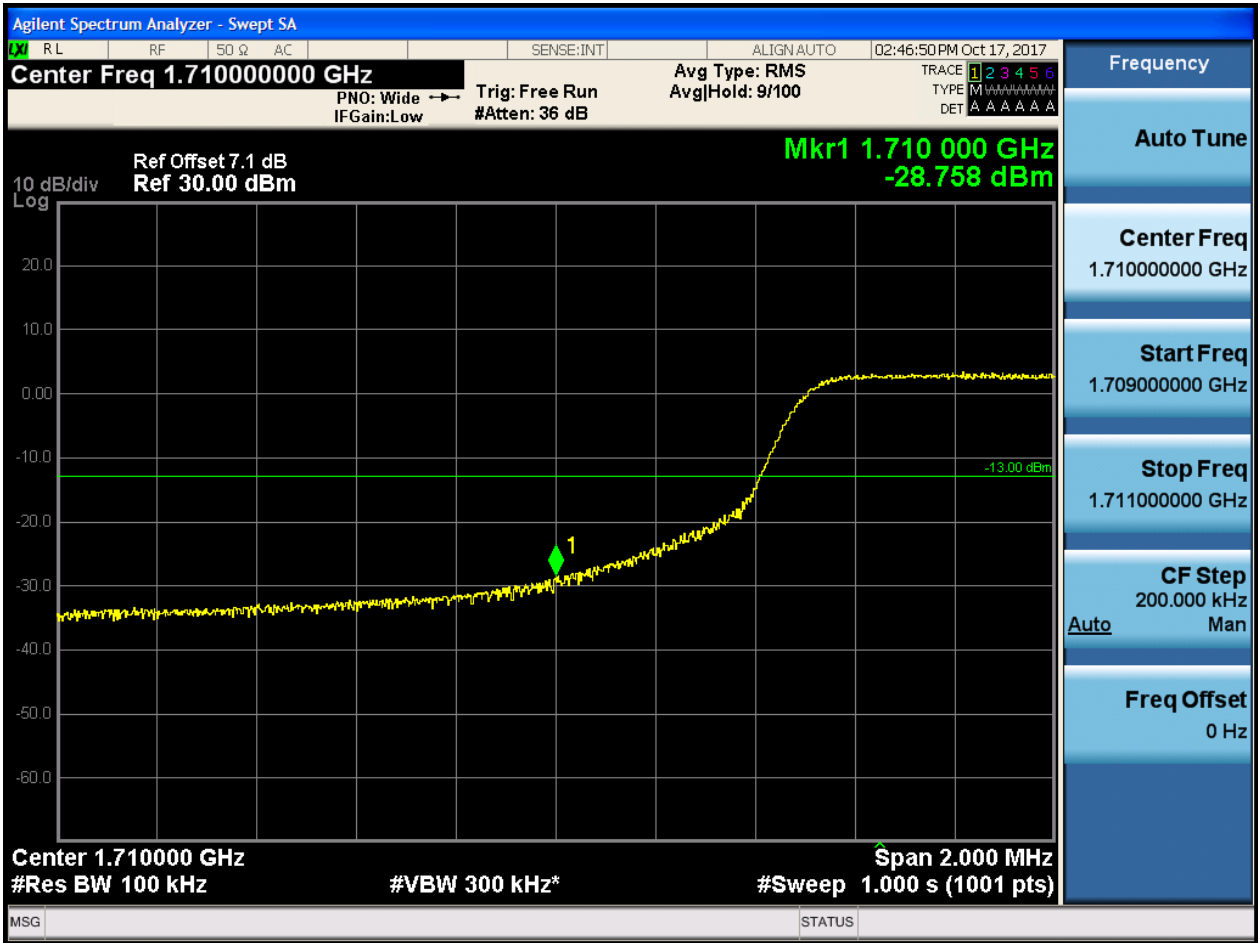


5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





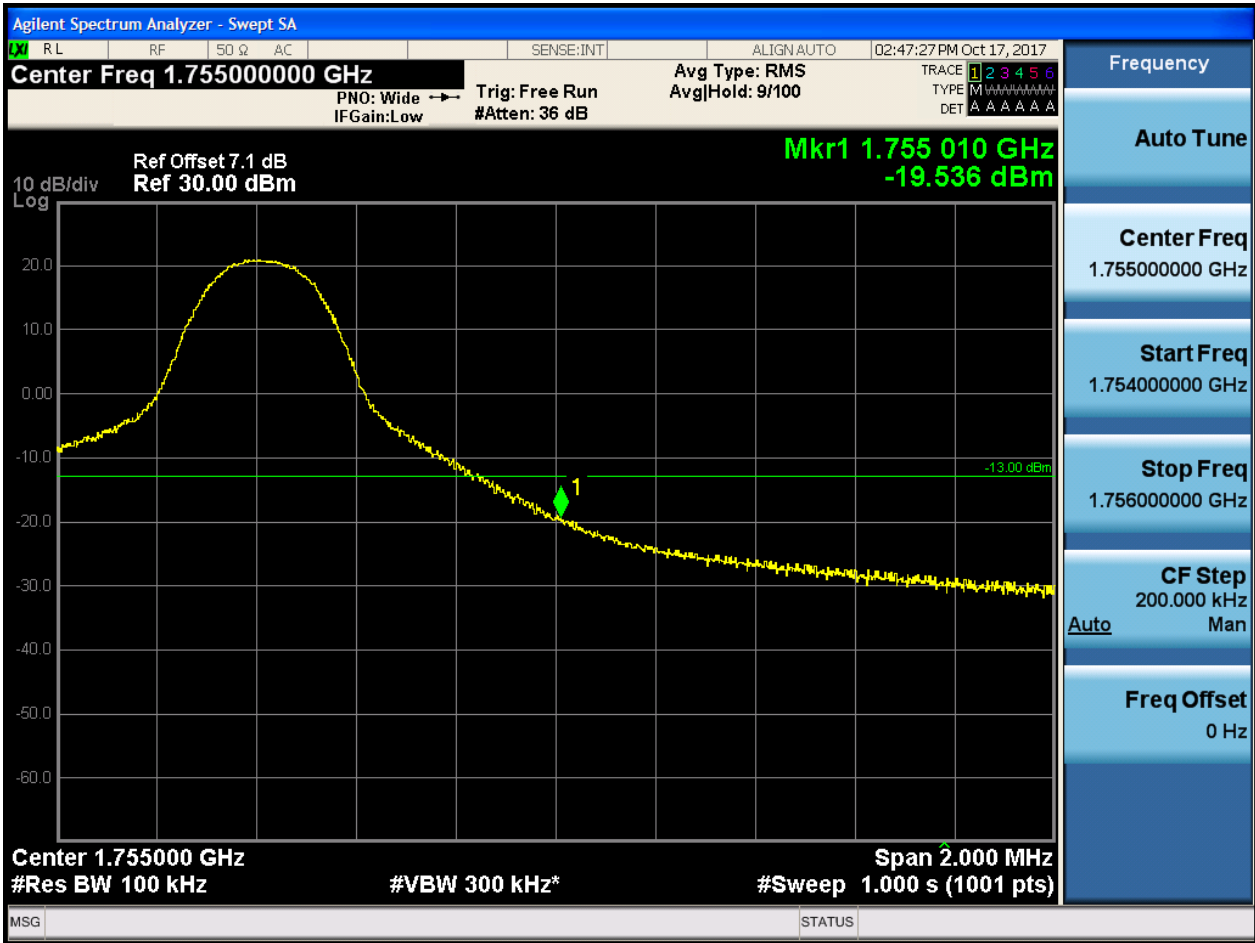
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



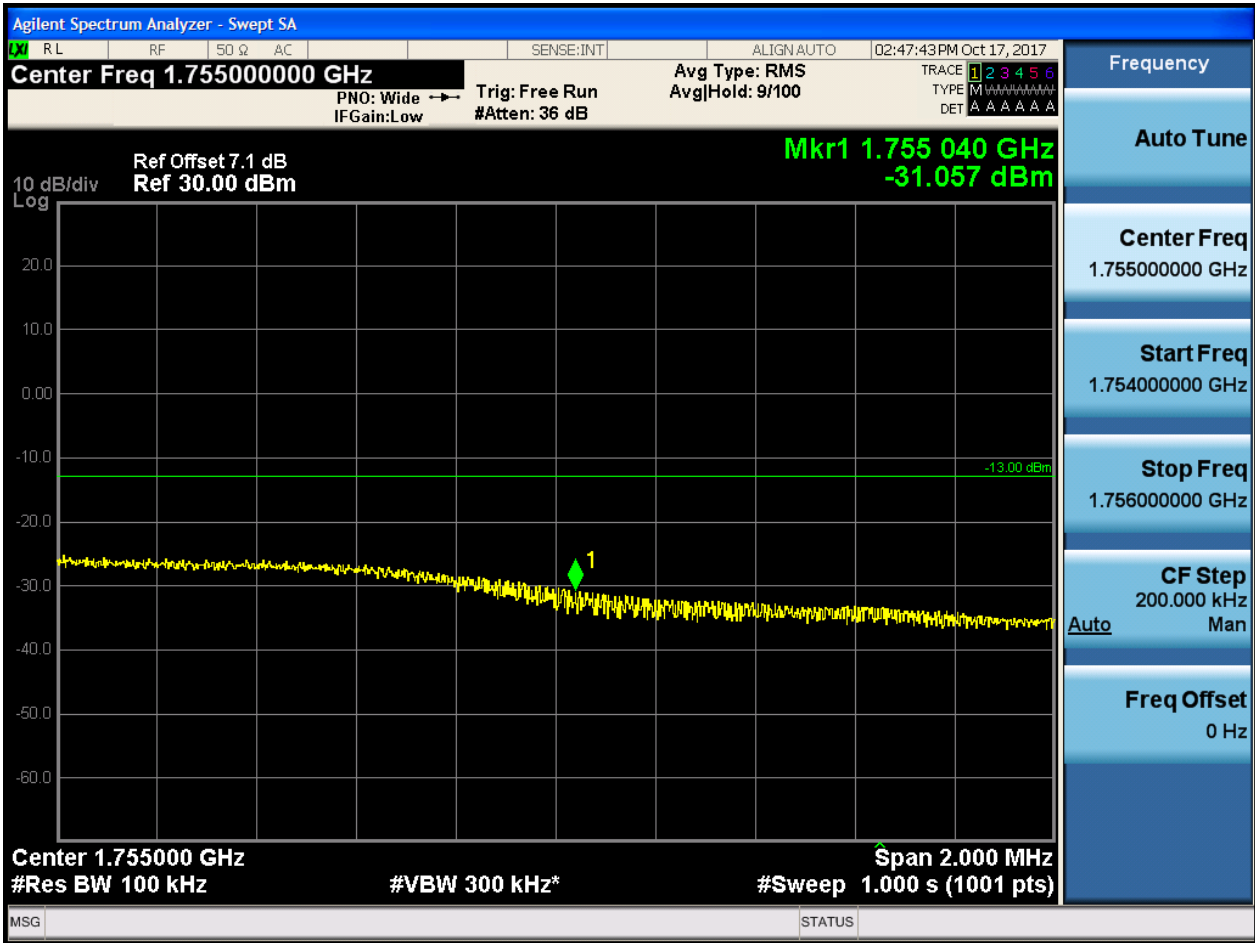


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

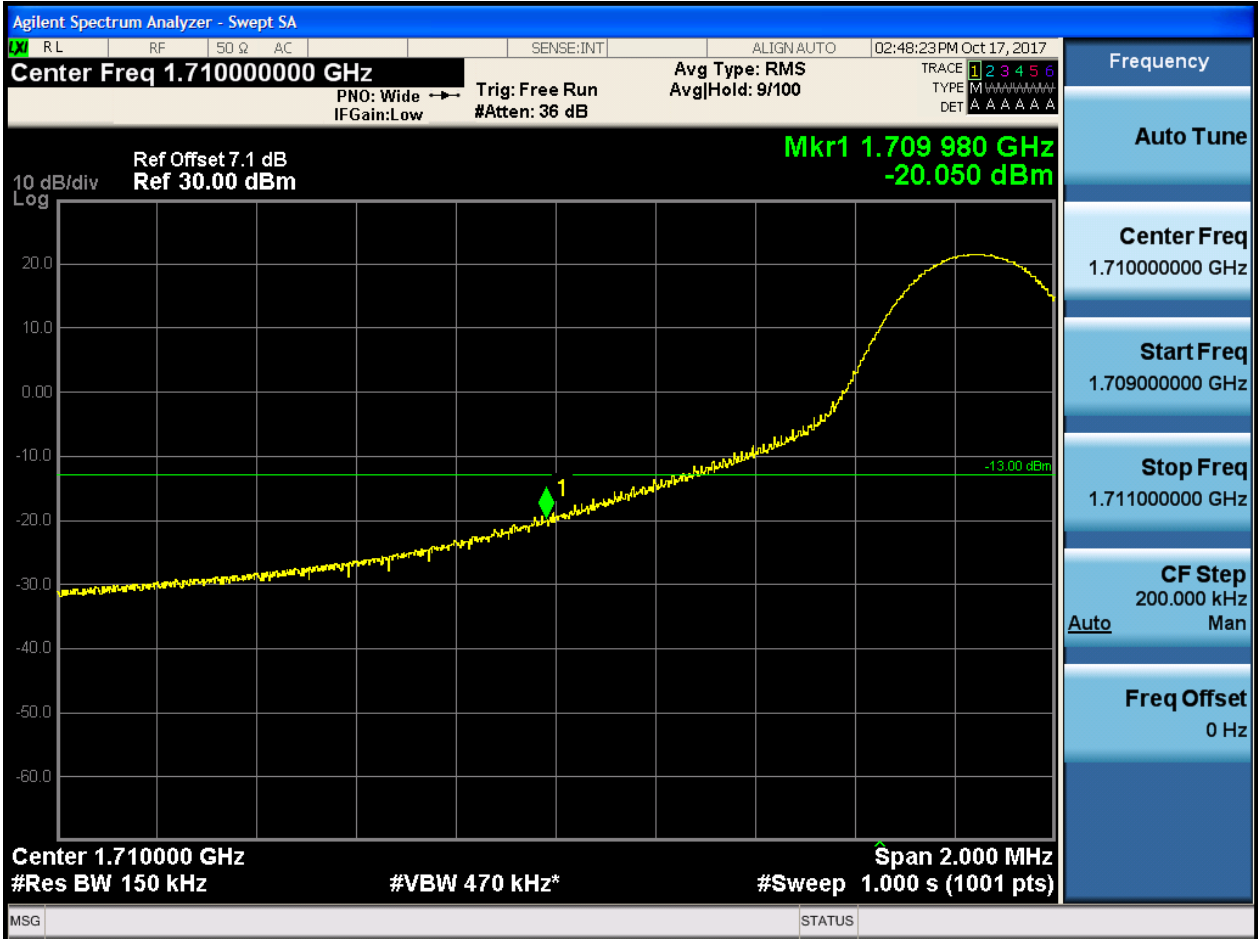




5.1.1.1.5 Test Bandwidth = 15

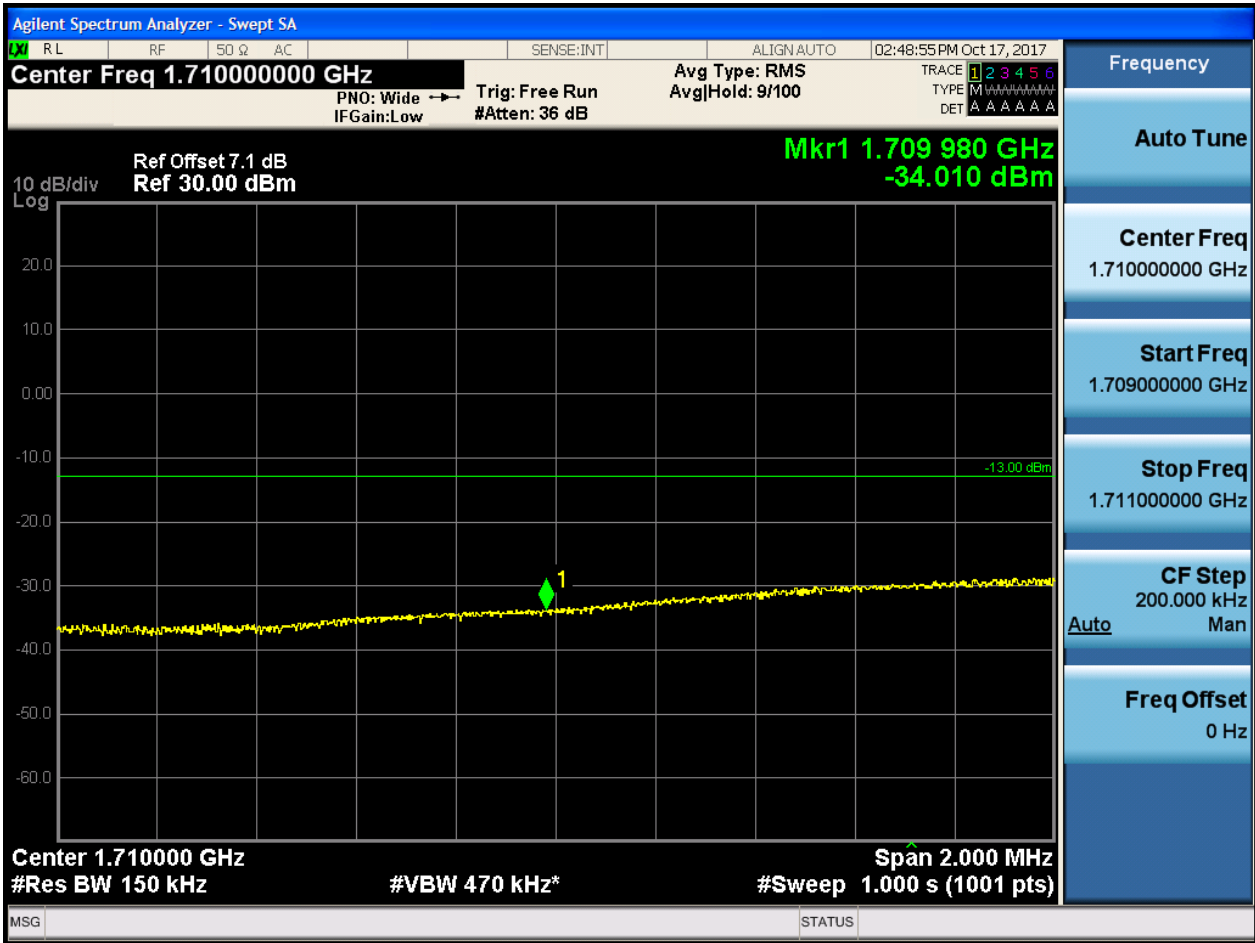
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



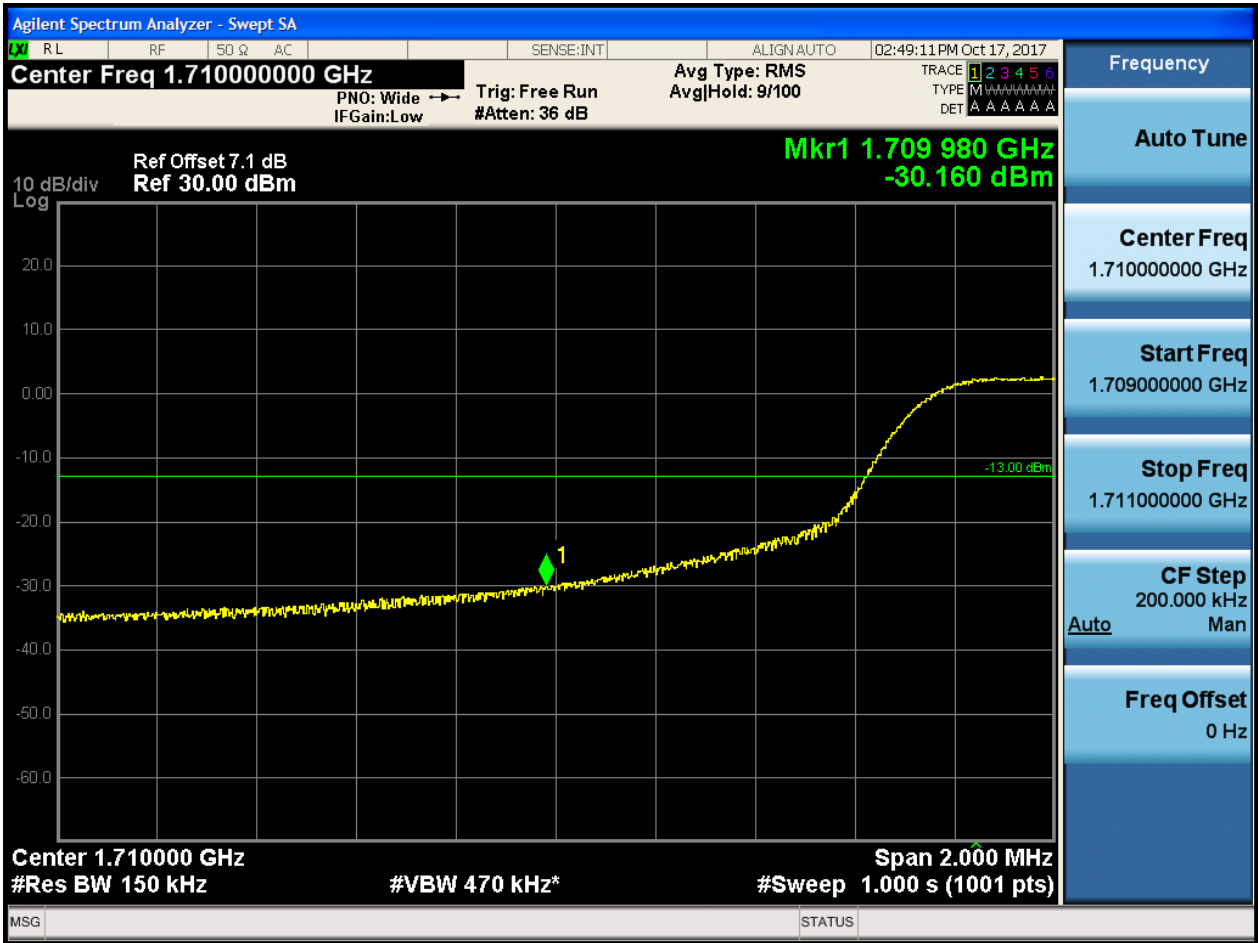


5.1.1.1.5.1.3 Test RB = RB38#19





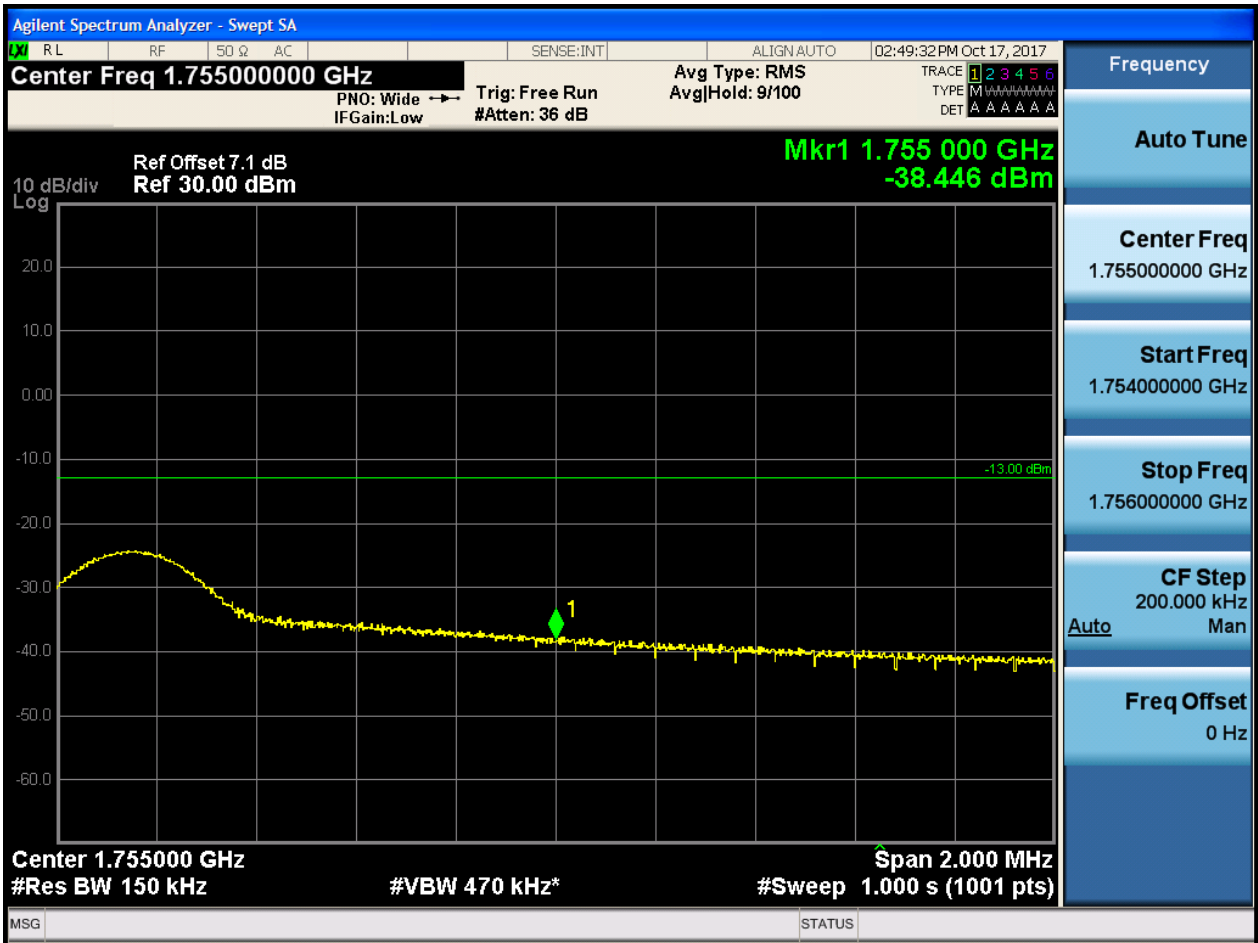
5.1.1.1.5.1.4 Test RB = RB75#0





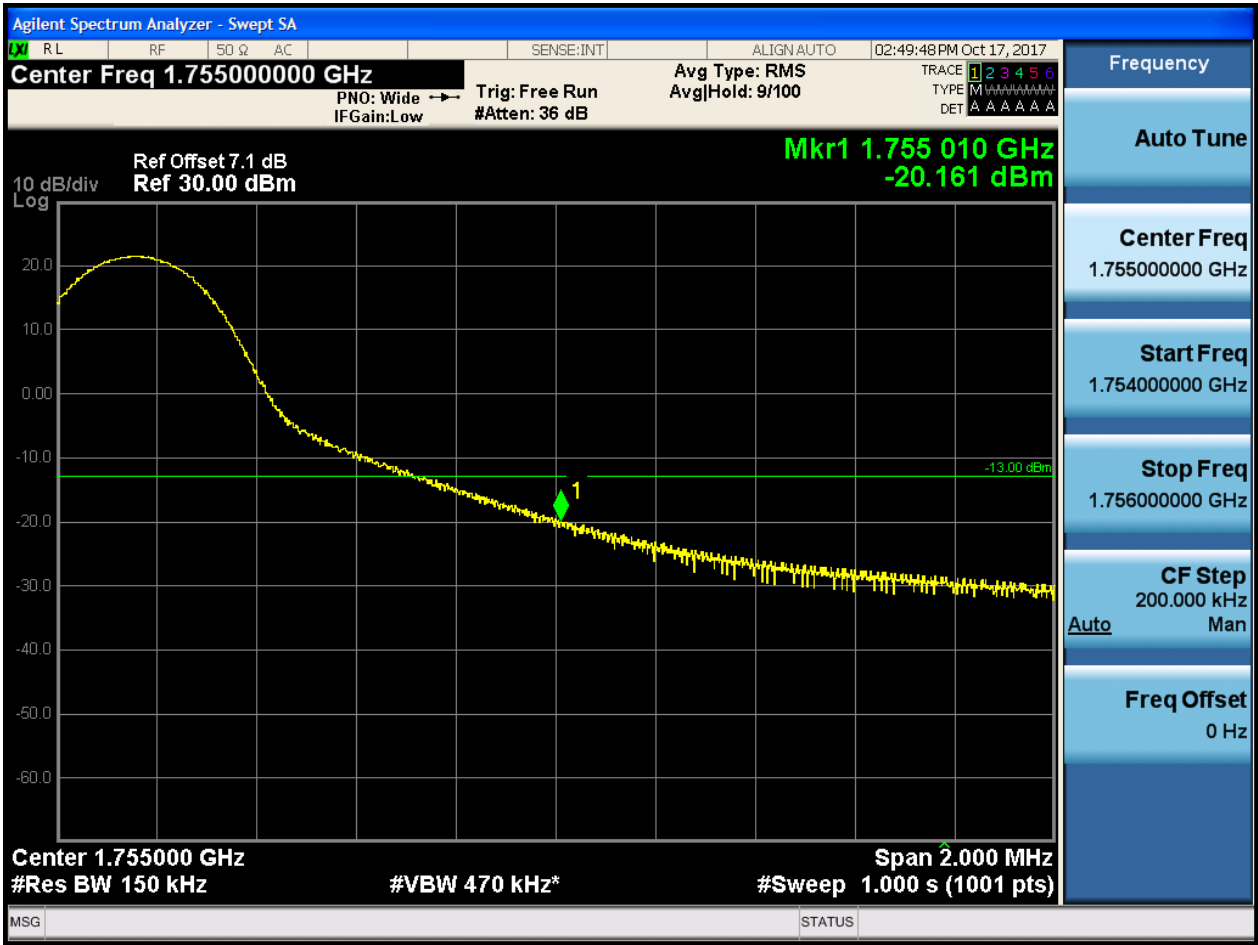
5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



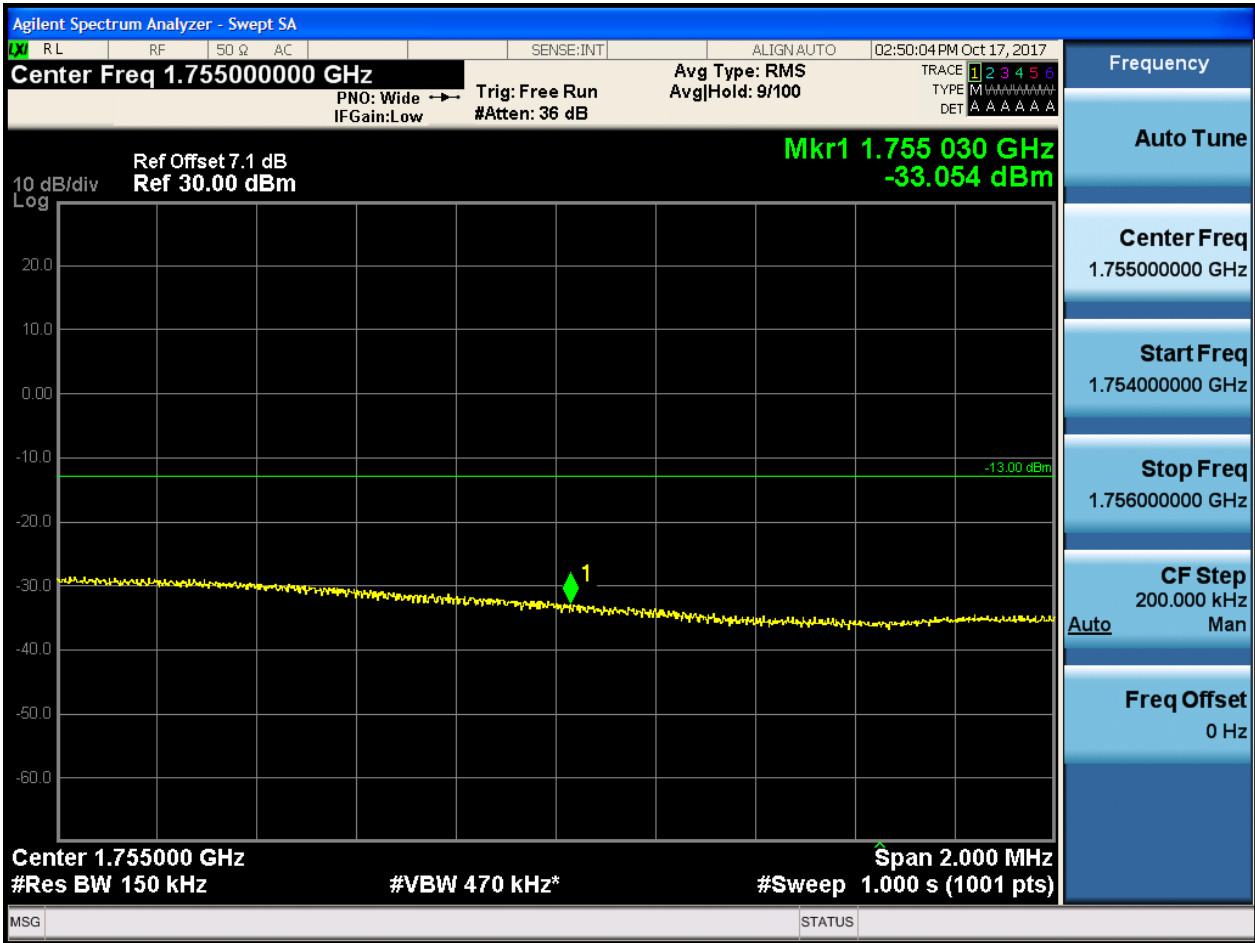


5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

