



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	22.3	21.39	30	PASS
				RB1#3	22.42	21.46	30	PASS
				RB1#5	22.24	21.22	30	PASS
				RB3#0	22.32	21.32	30	PASS
				RB3#2	22.29	21.48	30	PASS
				RB3#3	22.22	21.06	30	PASS
				RB6#0	21.22	20.17	30	PASS
			MCH	RB1#0	22.59	21.69	30	PASS
				RB1#3	22.62	21.81	30	PASS
				RB1#5	22.47	21.36	30	PASS
				RB3#0	22.55	21.50	30	PASS
				RB3#2	22.54	21.56	30	PASS
				RB3#3	22.52	21.47	30	PASS
				RB6#0	21.56	20.46	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.32	21.32	30	PASS
				RB1#3	22.36	21.20	30	PASS
				RB1#5	22.22	21.37	30	PASS
				RB3#0	22.31	21.47	30	PASS
				RB3#2	22.27	21.37	30	PASS
				RB3#3	22.24	21.15	30	PASS
				RB6#0	21.3	20.36	30	PASS
		3	LCH	RB1#0	22.08	21.23	30	PASS
				RB1#7	22.32	21.38	30	PASS
				RB1#14	22.13	21.03	30	PASS
				RB8#0	21.19	20.18	30	PASS
				RB8#4	21.23	20.13	30	PASS
				RB8#7	21.18	20.00	30	PASS
				RB15#0	21.18	20.18	30	PASS
				MCH	RB1#0	22.37	21.32	30
RB1#7	22.65	21.65	30		PASS			
RB1#14	22.27	21.19	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.47	20.64	30	PASS	
				RB8#4	21.53	20.38	30	PASS	
				RB8#7	21.42	20.34	30	PASS	
				RB15#0	21.48	20.60	30	PASS	
			HCH	RB1#0	22.28	21.20	30	PASS	
				RB1#7	22.48	21.32	30	PASS	
				RB1#14	22.07	21.26	30	PASS	
				RB8#0	21.3	20.48	30	PASS	
				RB8#4	21.34	20.21	30	PASS	
				RB8#7	21.25	20.06	30	PASS	
				RB15#0	21.3	20.20	30	PASS	
				5	LCH	RB1#0	22.1	21.00	30
			RB1#13			22.51	21.56	30	PASS
			RB1#24			22.09	21.28	30	PASS
		RB12#0	21.21			20.32	30	PASS	
		RB12#6	21.34			20.37	30	PASS	
		RB12#13	21.24			20.28	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.15	20.07	30	PASS
			MCH	RB1#0	22.36	21.47	30	PASS
				RB1#13	22.66	21.61	30	PASS
				RB1#24	22.13	21.25	30	PASS
				RB12#0	21.46	20.66	30	PASS
				RB12#6	21.57	20.47	30	PASS
				RB12#13	21.38	20.22	30	PASS
				RB25#0	21.42	20.25	30	PASS
				HCH	RB1#0	22.34	21.15	30
			RB1#13		22.43	21.63	30	PASS
			RB1#24		21.94	20.76	30	PASS
			RB12#0		21.39	20.39	30	PASS
			RB12#6		21.42	20.48	30	PASS
			RB12#13		21.21	20.37	30	PASS
			RB25#0		21.4	20.30	30	PASS
		10	LCH	RB1#0	21.95	21.07	30	PASS
				RB1#25	22.53	21.72	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.1	20.98	30	PASS
				RB25#0	21.17	20.05	30	PASS
				RB25#13	21.29	20.42	30	PASS
				RB25#25	21.27	20.13	30	PASS
				RB50#0	21.23	20.07	30	PASS
			MCH	RB1#0	22.31	21.29	30	PASS
				RB1#25	22.62	21.66	30	PASS
				RB1#49	22.16	21.14	30	PASS
				RB25#0	21.47	20.38	30	PASS
				RB25#13	21.45	20.47	30	PASS
				RB25#25	21.29	20.11	30	PASS
				RB50#0	21.34	20.28	30	PASS
			HCH	RB1#0	22.17	20.97	30	PASS
				RB1#25	22.55	21.61	30	PASS
				RB1#49	21.86	20.84	30	PASS
				RB25#0	21.43	20.29	30	PASS
				RB25#13	21.42	20.47	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.26	20.26	30	PASS
				RB50#0	21.37	20.34	30	PASS
				RB1#0	22.07	21.04	30	PASS
				RB1#38	22.61	21.72	30	PASS
				RB1#74	22.23	21.09	30	PASS
			LCH	RB38#0	21.33	20.16	30	PASS
				RB38#19	21.4	20.51	30	PASS
				RB38#39	21.38	20.45	30	PASS
				RB75#0	21.3	20.33	30	PASS
		15		RB1#0	22.41	21.31	30	PASS
				RB1#38	22.61	21.74	30	PASS
				RB1#74	22.26	21.42	30	PASS
			MCH	RB38#0	21.55	20.58	30	PASS
				RB38#19	21.55	20.49	30	PASS
				RB38#39	21.45	20.62	30	PASS
				RB75#0	21.41	20.39	30	PASS
			HCH	RB1#0	22.3	21.16	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	22.5	21.41	30	PASS	
				RB1#74	22.03	21.14	30	PASS	
				RB38#0	21.43	20.60	30	PASS	
				RB38#19	21.55	20.44	30	PASS	
				RB38#39	21.44	20.25	30	PASS	
				RB75#0	21.43	20.45	30	PASS	
		20	LCH	RB1#0	22.14	21.32	30	PASS	
				RB1#50	22.6	21.64	30	PASS	
				RB1#99	22.31	21.42	30	PASS	
				RB50#0	21.31	20.37	30	PASS	
				RB50#25	21.4	20.54	30	PASS	
				RB50#50	21.42	20.34	30	PASS	
				MCH	RB100#0	21.32	20.22	30	PASS
					RB1#0	22.3	21.23	30	PASS
					RB1#50	22.66	21.79	30	PASS
					RB1#99	22.16	21.31	30	PASS
					RB50#0	21.52	20.61	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.46	20.32	30	PASS
				RB50#50	21.42	20.40	30	PASS
				RB100#0	21.43	20.39	30	PASS
			HCH	RB1#0	22.28	21.20	30	PASS
				RB1#50	22.58	21.41	30	PASS
				RB1#99	22.01	21.13	30	PASS
				RB50#0	21.44	20.27	30	PASS
				RB50#25	21.4	20.47	30	PASS
				RB50#50	21.42	20.33	30	PASS
				RB100#0	21.48	20.39	30	PASS
				LCH	RB1#0	21.22	20.34	30
			RB1#3		21.33	20.22	30	PASS
			RB1#5		21.18	20.29	30	PASS
			RB3#0		21.32	20.26	30	PASS
			RB3#2		21.24	20.06	30	PASS
RB3#3	21.26	20.33	30		PASS			
RB6#0	20.72	19.56	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.73	20.66	30	PASS
				RB1#3	21.52	20.39	30	PASS
				RB1#5	21.64	20.83	30	PASS
				RB3#0	21.55	20.46	30	PASS
				RB3#2	21.54	20.35	30	PASS
				RB3#3	21.49	20.40	30	PASS
				RB6#0	21.05	20.18	30	PASS
			HCH	RB1#0	21.44	20.24	30	PASS
				RB1#3	21.48	20.63	30	PASS
				RB1#5	21.37	20.40	30	PASS
				RB3#0	21.37	20.39	30	PASS
				RB3#2	21.41	20.27	30	PASS
				RB3#3	21.4	20.47	30	PASS
				RB6#0	20.83	20.02	30	PASS
		3	LCH	RB1#0	21.06	20.13	30	PASS
				RB1#7	21.33	20.23	30	PASS
				RB1#14	21.1	20.25	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.75	19.82	30	PASS
				RB8#4	20.76	19.74	30	PASS
				RB8#7	20.72	19.78	30	PASS
				RB15#0	20.59	19.67	30	PASS
			MCH	RB1#0	21.41	20.33	30	PASS
				RB1#7	21.67	20.65	30	PASS
				RB1#14	21.25	20.17	30	PASS
				RB8#0	21.03	19.87	30	PASS
				RB8#4	21.08	20.09	30	PASS
				RB8#7	20.96	20.06	30	PASS
				RB15#0	20.82	19.89	30	PASS
				HCH	RB1#0	21.53	20.55	30
			RB1#7		21.73	20.87	30	PASS
			RB1#14		21.28	20.43	30	PASS
			RB8#0		20.85	20.05	30	PASS
			RB8#4		20.91	20.10	30	PASS
			RB8#7		20.81	19.86	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.82	19.63	30	PASS
		5	LCH	RB1#0	21.08	20.18	30	PASS
				RB1#13	21.46	20.27	30	PASS
				RB1#24	21.07	20.25	30	PASS
				RB12#0	20.72	19.92	30	PASS
				RB12#6	20.85	19.85	30	PASS
				RB12#13	20.77	19.84	30	PASS
				RB25#0	20.67	19.57	30	PASS
				MCH	RB1#0	21.37	20.32	30
			RB1#13		21.63	20.46	30	PASS
			RB1#24		21.16	20.31	30	PASS
			RB12#0		20.97	20.00	30	PASS
			RB12#6		21.08	20.10	30	PASS
			RB12#13		20.89	19.82	30	PASS
			RB25#0		20.94	19.96	30	PASS
			HCH	RB1#0	21.48	20.54	30	PASS
				RB1#13	21.61	20.72	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	21.13	20.08	30	PASS	
				RB12#0	20.8	19.90	30	PASS	
				RB12#6	20.89	19.74	30	PASS	
				RB12#13	20.67	19.79	30	PASS	
				RB25#0	20.89	19.90	30	PASS	
		10	LCH	RB1#0	21.24	20.15	30	PASS	
				RB1#25	21.75	20.93	30	PASS	
				RB1#49	21.37	20.40	30	PASS	
				RB25#0	20.67	19.79	30	PASS	
				RB25#13	20.79	19.62	30	PASS	
				RB25#25	20.76	19.58	30	PASS	
				RB50#0	20.74	19.80	30	PASS	
				MCH	RB1#0	21.44	20.40	30	PASS
					RB1#25	21.74	20.68	30	PASS
					RB1#49	21.22	20.27	30	PASS
RB25#0	20.97	19.80	30		PASS				
RB25#13	20.96	19.98	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.8	19.95	30	PASS
				RB50#0	20.83	19.69	30	PASS
			HCH	RB1#0	21.39	20.43	30	PASS
				RB1#25	21.74	20.84	30	PASS
				RB1#49	21.1	20.24	30	PASS
				RB25#0	20.89	19.81	30	PASS
				RB25#13	20.89	19.93	30	PASS
				RB25#25	20.79	19.84	30	PASS
				RB50#0	20.83	19.95	30	PASS
				15	LCH	RB1#0	21.25	20.29
		RB1#38	21.79			20.81	30	PASS
		RB1#74	21.45			20.44	30	PASS
		RB38#0	20.81			19.78	30	PASS
		RB38#19	20.89			19.93	30	PASS
		RB38#39	20.87			19.70	30	PASS
RB75#0	20.77	19.96	30			PASS		
MCH	RB1#0	21.66	20.47	30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.85	20.70	30	PASS
				RB1#74	21.65	20.71	30	PASS
				RB38#0	21.07	20.23	30	PASS
				RB38#19	21.07	20.14	30	PASS
				RB38#39	20.97	20.12	30	PASS
				RB75#0	20.87	20.07	30	PASS
			HCH	RB1#0	21.52	20.49	30	PASS
				RB1#38	21.77	20.74	30	PASS
				RB1#74	21.23	20.06	30	PASS
				RB38#0	20.88	19.83	30	PASS
				RB38#19	21	20.19	30	PASS
				RB38#39	20.97	19.94	30	PASS
		LCH	RB75#0	20.86	19.89	30	PASS	
			RB1#0	21.22	20.38	30	PASS	
			RB1#50	21.73	20.67	30	PASS	
			RB1#99	21.5	20.58	30	PASS	
20		RB50#0	20.81	19.90	30	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.9	19.93	30	PASS
				RB50#50	20.92	20.00	30	PASS
				RB100#0	20.82	20.02	30	PASS
			MCH	RB1#0	21.39	20.36	30	PASS
				RB1#50	21.76	20.63	30	PASS
				RB1#99	21.38	20.54	30	PASS
				RB50#0	20.96	20.08	30	PASS
				RB50#25	20.9	19.96	30	PASS
				RB50#50	20.87	19.73	30	PASS
				RB100#0	20.85	19.73	30	PASS
			HCH	RB1#0	21.54	20.47	30	PASS
				RB1#50	21.91	20.71	30	PASS
				RB1#99	21.35	20.33	30	PASS
				RB50#0	20.86	19.84	30	PASS
				RB50#25	20.82	19.98	30	PASS
RB50#50	20.83	19.83		30	PASS			
RB100#0	20.93	19.83		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	4.92	13	PASS
				RB1#3	4.71	13	PASS
				RB1#5	4.69	13	PASS
				RB3#0	5.28	13	PASS
				RB3#2	5.29	13	PASS
				RB3#3	5.33	13	PASS
			RB6#0	5.69	13	PASS	
			MCH	RB1#0	4.66	13	PASS
				RB1#3	4.52	13	PASS
				RB1#5	4.51	13	PASS
				RB3#0	4.97	13	PASS
				RB3#2	4.84	13	PASS
				RB3#3	5.02	13	PASS
			RB6#0	5.71	13	PASS	
			HCH	RB1#0	4.79	13	PASS
				RB1#3	4.75	13	PASS
				RB1#5	4.8	13	PASS
				RB3#0	4.96	13	PASS
		RB3#2		5.16	13	PASS	
		RB3#3		4.88	13	PASS	
		RB6#0	5.91	13	PASS		
		3	LCH	RB1#0	5.04	13	PASS
				RB1#7	4.61	13	PASS
				RB1#14	4.85	13	PASS
				RB8#0	5.6	13	PASS
				RB8#4	5.69	13	PASS
				RB8#7	5.64	13	PASS
RB15#0	5.73		13	PASS			
MCH	RB1#0		4.69	13	PASS		
	RB1#7		4.44	13	PASS		
	RB1#14		4.58	13	PASS		
	RB8#0		5.54	13	PASS		
	RB8#4		5.48	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.58	13	PASS
				RB15#0	5.61	13	PASS
			HCH	RB1#0	4.57	13	PASS
				RB1#7	4.37	13	PASS
				RB1#14	4.66	13	PASS
				RB8#0	5.72	13	PASS
				RB8#4	5.76	13	PASS
				RB8#7	5.76	13	PASS
			RB15#0	5.81	13	PASS	
			LCH	RB1#0	5.08	13	PASS
				RB1#13	4.94	13	PASS
				RB1#24	5.02	13	PASS
				RB12#0	5.71	13	PASS
				RB12#6	5.67	13	PASS
		RB12#13		5.68	13	PASS	
		RB25#0		6.12	13	PASS	
		MCH	RB1#0	4.74	13	PASS	
			RB1#13	4.56	13	PASS	
			RB1#24	4.79	13	PASS	
			RB12#0	5.63	13	PASS	
			RB12#6	5.45	13	PASS	
			RB12#13	5.62	13	PASS	
		RB25#0	5.93	13	PASS		
		HCH	RB1#0	4.54	13	PASS	
			RB1#13	4.54	13	PASS	
			RB1#24	4.75	13	PASS	
			RB12#0	5.75	13	PASS	
			RB12#6	5.67	13	PASS	
			RB12#13	5.79	13	PASS	
		RB25#0	6.01	13	PASS		
		5	LCH	RB1#0	4.99	13	PASS
				RB1#25	4.71	13	PASS
RB1#49	4.9			13	PASS		
RB25#0	5.93			13	PASS		
RB25#13	5.87			13	PASS		
RB25#25	5.94			13	PASS		
RB50#0	6.09			13	PASS		
MCH	RB1#0		4.72	13	PASS		
	RB1#25		4.51	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.76	13	PASS
				RB25#0	5.65	13	PASS
				RB25#13	5.62	13	PASS
				RB25#25	5.69	13	PASS
				RB50#0	6.02	13	PASS
			HCH	RB1#0	4.43	13	PASS
				RB1#25	4.27	13	PASS
				RB1#49	4.49	13	PASS
				RB25#0	5.85	13	PASS
				RB25#13	5.84	13	PASS
				RB25#25	5.89	13	PASS
				RB50#0	6.1	13	PASS
		15	LCH	RB1#0	4.72	13	PASS
				RB1#38	4.6	13	PASS
				RB1#74	4.65	13	PASS
				RB38#0	5.83	13	PASS
				RB38#19	5.85	13	PASS
				RB38#39	5.84	13	PASS
			RB75#0	6.3	13	PASS	
			MCH	RB1#0	4.83	13	PASS
				RB1#38	4.66	13	PASS
				RB1#74	4.86	13	PASS
				RB38#0	5.69	13	PASS
				RB38#19	5.6	13	PASS
		RB38#39		5.68	13	PASS	
		HCH	RB75#0	6.28	13	PASS	
			RB1#0	5.07	13	PASS	
			RB1#38	4.77	13	PASS	
			RB1#74	5.04	13	PASS	
			RB38#0	5.9	13	PASS	
			RB38#19	5.81	13	PASS	
		20	LCH	RB38#39	5.81	13	PASS
				RB75#0	6.34	13	PASS
RB1#0	5.08			13	PASS		
RB1#50	4.77			13	PASS		
RB1#99	4.8			13	PASS		
RB50#0	5.96			13	PASS		
RB50#25	5.94	13	PASS				
RB50#50	5.89	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB100#0	6.27	13	PASS	
			MCH	RB1#0	5.04	13	PASS	
				RB1#50	4.78	13	PASS	
				RB1#99	4.92	13	PASS	
				RB50#0	5.76	13	PASS	
				RB50#25	5.7	13	PASS	
				RB50#50	5.68	13	PASS	
				RB100#0	6.29	13	PASS	
			HCH	RB1#0	4.73	13	PASS	
				RB1#50	4.53	13	PASS	
				RB1#99	4.79	13	PASS	
				RB50#0	6.11	13	PASS	
				RB50#25	5.99	13	PASS	
				RB50#50	5.98	13	PASS	
	RB100#0	6.27		13	PASS			
		LTE/TM2	1.4	LCH	RB1#0	5.64	13	PASS
					RB1#3	5.97	13	PASS
					RB1#5	5.61	13	PASS
					RB3#0	6.08	13	PASS
					RB3#2	6.05	13	PASS
					RB3#3	6.07	13	PASS
					RB6#0	6.47	13	PASS
				MCH	RB1#0	5.49	13	PASS
					RB1#3	5.59	13	PASS
					RB1#5	5.5	13	PASS
					RB3#0	5.72	13	PASS
					RB3#2	5.65	13	PASS
					RB3#3	5.81	13	PASS
					RB6#0	6.3	13	PASS
			HCH	RB1#0	5.53	13	PASS	
RB1#3				5.58	13	PASS		
RB1#5	5.52	13		PASS				
RB3#0	5.61	13		PASS				
RB3#2	5.74	13		PASS				
RB3#3	5.65	13		PASS				
RB6#0	6.52	13		PASS				
3	LCH	RB1#0	5.5	13	PASS			
		RB1#7	5.55	13	PASS			
		RB1#14	5.53	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.25	13	PASS
				RB8#4	6.54	13	PASS
				RB8#7	6.42	13	PASS
				RB15#0	6.56	13	PASS
			MCH	RB1#0	5.66	13	PASS
				RB1#7	4.91	13	PASS
				RB1#14	5.35	13	PASS
				RB8#0	6.08	13	PASS
				RB8#4	6.06	13	PASS
				RB8#7	6.17	13	PASS
			HCH	RB15#0	6.49	13	PASS
				RB1#0	5.79	13	PASS
				RB1#7	5.48	13	PASS
				RB1#14	5.82	13	PASS
				RB8#0	6.35	13	PASS
				RB8#4	6.34	13	PASS
		5	LCH	RB8#7	6.22	13	PASS
				RB15#0	6.67	13	PASS
				RB1#0	5.74	13	PASS
				RB1#13	5.73	13	PASS
				RB1#24	5.72	13	PASS
				RB12#0	6.38	13	PASS
			MCH	RB12#6	6.39	13	PASS
				RB12#13	6.34	13	PASS
				RB25#0	6.77	13	PASS
				RB1#0	5.61	13	PASS
				RB1#13	5.47	13	PASS
				RB1#24	5.56	13	PASS
			HCH	RB12#0	6.17	13	PASS
				RB12#6	6.14	13	PASS
				RB12#13	6.27	13	PASS
				RB25#0	6.56	13	PASS
RB1#0	5.54	13		PASS			
RB1#13	5.57	13		PASS			
RB1#24	5.66	13	PASS				
RB12#0	6.07	13	PASS				
RB12#6	6.3	13	PASS				
RB12#13	6.47	13	PASS				
RB25#0	6.62	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.87	13	PASS
				RB1#25	5.8	13	PASS
				RB1#49	5.96	13	PASS
				RB25#0	6.67	13	PASS
				RB25#13	6.62	13	PASS
				RB25#25	6.56	13	PASS
				RB50#0	6.83	13	PASS
			MCH	RB1#0	5.8	13	PASS
				RB1#25	5.63	13	PASS
				RB1#49	5.85	13	PASS
				RB25#0	6.41	13	PASS
				RB25#13	6.37	13	PASS
				RB25#25	6.53	13	PASS
				RB50#0	6.66	13	PASS
		HCH	RB1#0	5.68	13	PASS	
			RB1#25	5.53	13	PASS	
			RB1#49	5.84	13	PASS	
			RB25#0	6.28	13	PASS	
			RB25#13	6.3	13	PASS	
			RB25#25	6.57	13	PASS	
		15	LCH	RB1#0	5.87	13	PASS
				RB1#38	5.73	13	PASS
				RB1#74	5.78	13	PASS
				RB38#0	6.56	13	PASS
				RB38#19	6.56	13	PASS
				RB38#39	6.55	13	PASS
				RB75#0	7.13	13	PASS
			MCH	RB1#0	5.72	13	PASS
RB1#38	5.72			13	PASS		
RB1#74	5.92			13	PASS		
RB38#0	6.31			13	PASS		
RB38#19	6.26			13	PASS		
RB38#39	6.36			13	PASS		
HCH	RB1#0		5.69	13	PASS		
	RB1#38	5.49	13	PASS			
	RB1#74	5.7	13	PASS			
	RB38#0	6.33	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#19	6.24	13	PASS	
				RB38#39	6.52	13	PASS	
				RB75#0	6.71	13	PASS	
		20	LCH	RB1#0	5.61	13	PASS	
				RB1#50	5.3	13	PASS	
				RB1#99	5.43	13	PASS	
				RB50#0	6.67	13	PASS	
				RB50#25	6.61	13	PASS	
				RB50#50	6.55	13	PASS	
				RB100#0	7.23	13	PASS	
				MCH	RB1#0	5.48	13	PASS
					RB1#50	5.25	13	PASS
					RB1#99	5.64	13	PASS
					RB50#0	6.37	13	PASS
					RB50#25	6.35	13	PASS
					RB50#50	6.38	13	PASS
					RB100#0	6.92	13	PASS
				HCH	RB1#0	5.2	13	PASS
					RB1#50	5.14	13	PASS
					RB1#99	5.42	13	PASS
					RB50#0	6.48	13	PASS
RB50#25	6.24	13	PASS					
RB50#50	6.24	13	PASS					
RB100#0	6.69	13	PASS					

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

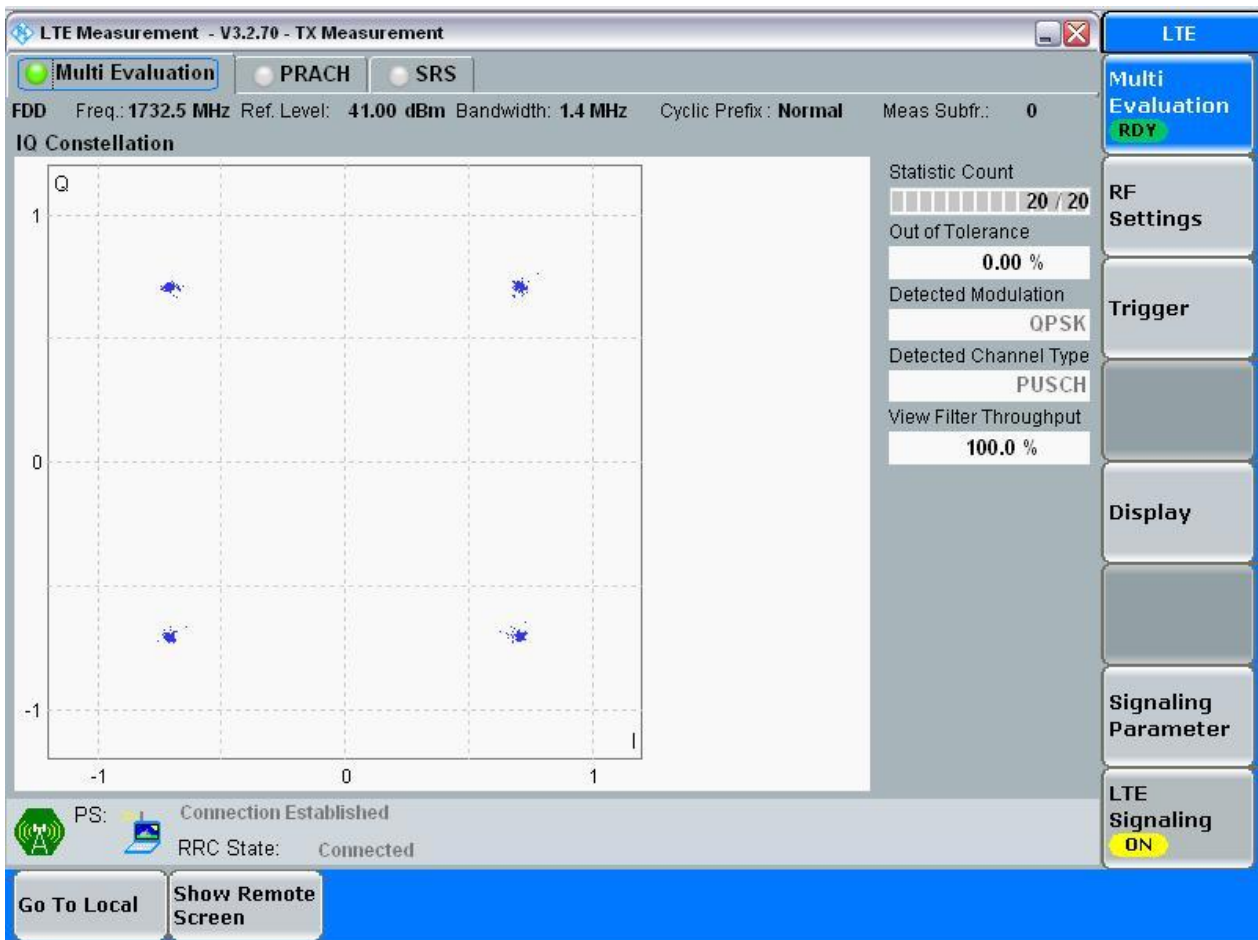
3.1.1 Test Band = BAND4

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

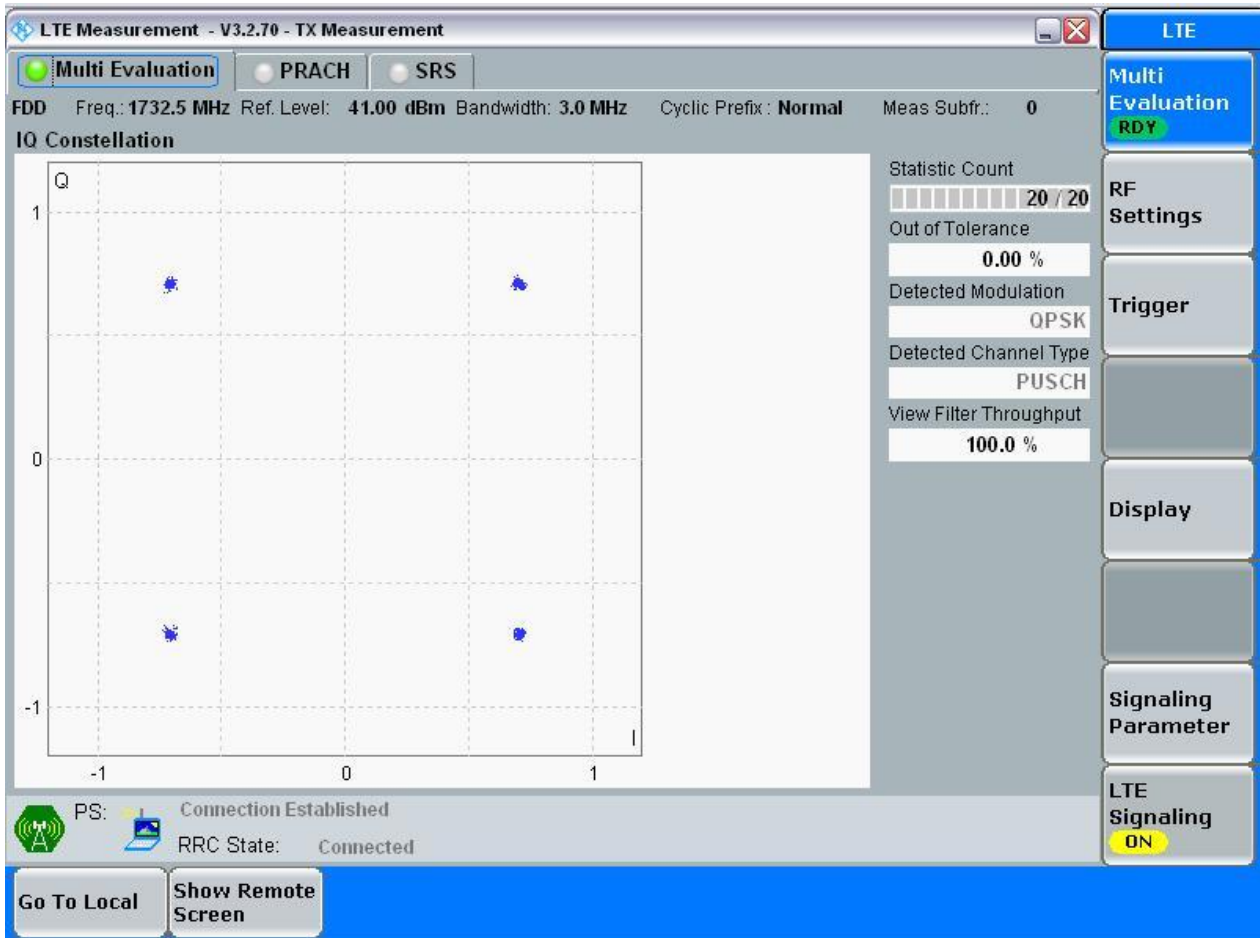
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

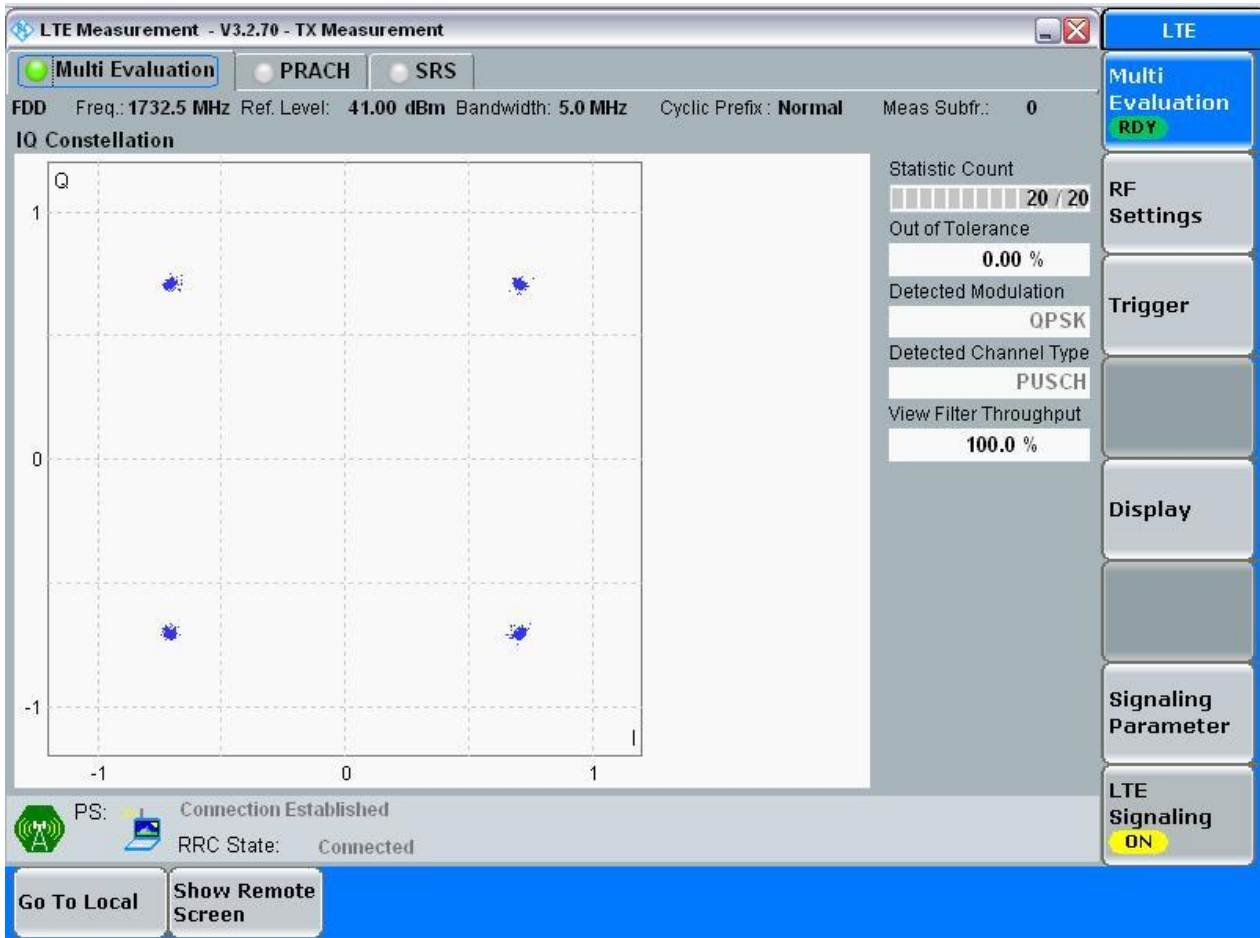
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

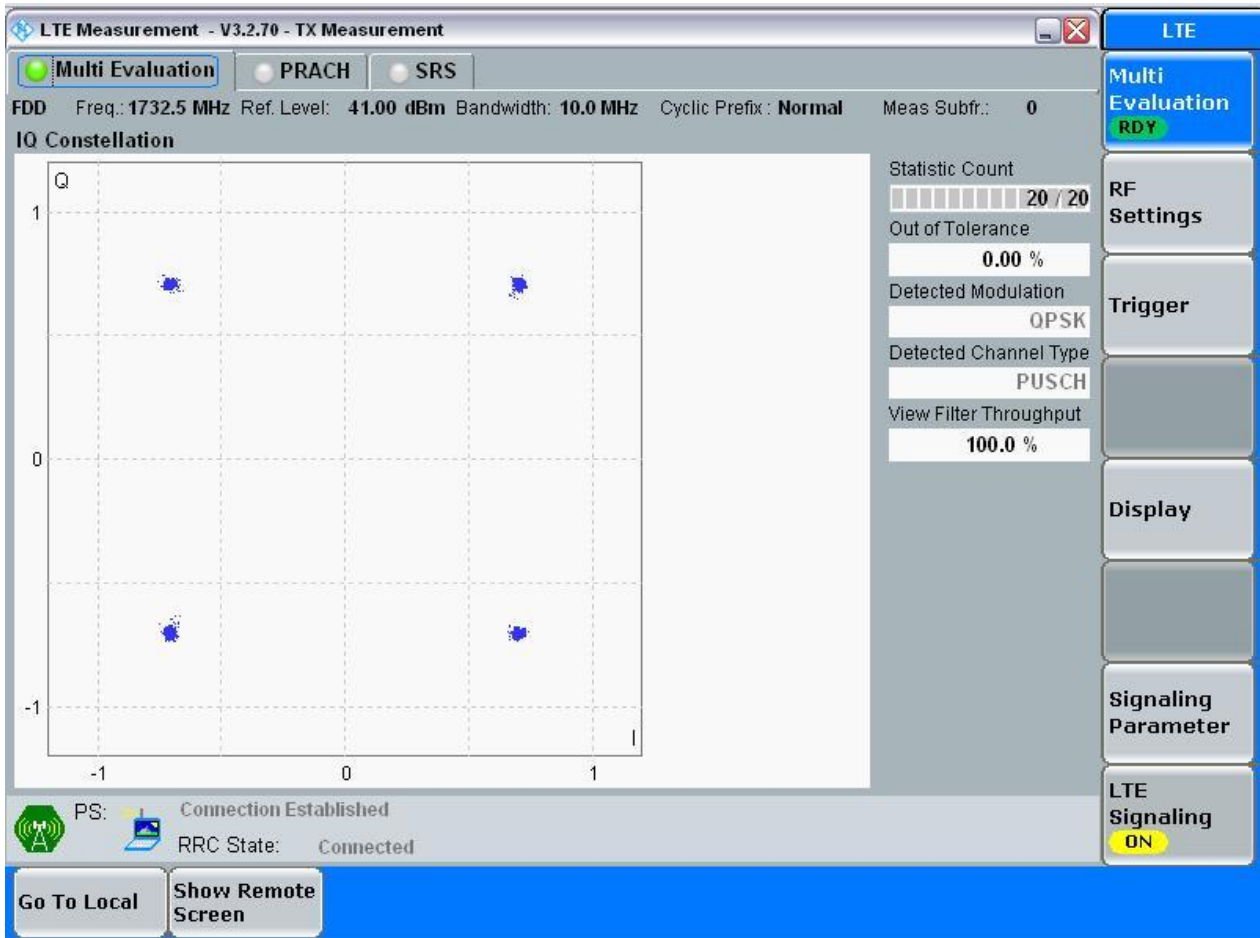
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

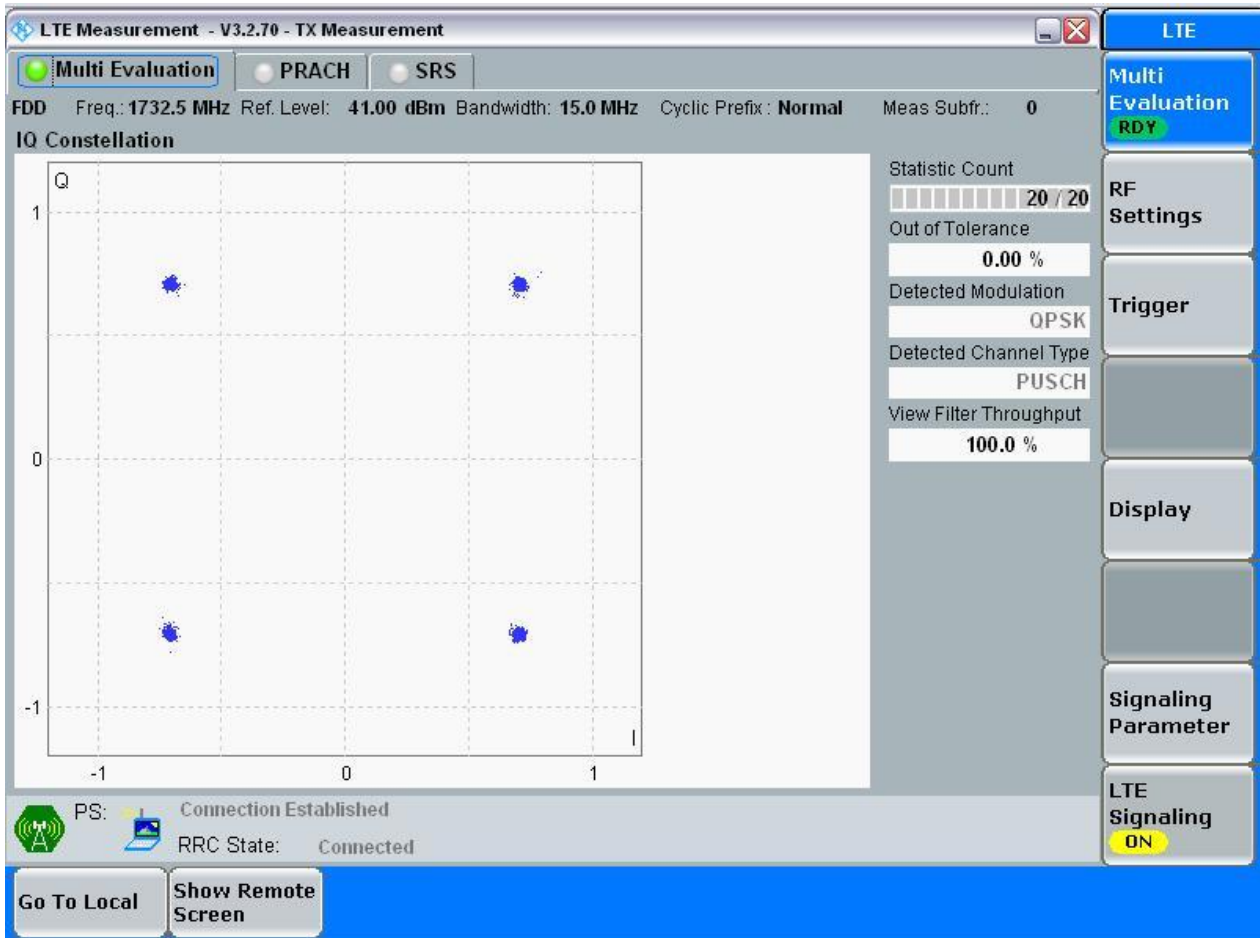
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

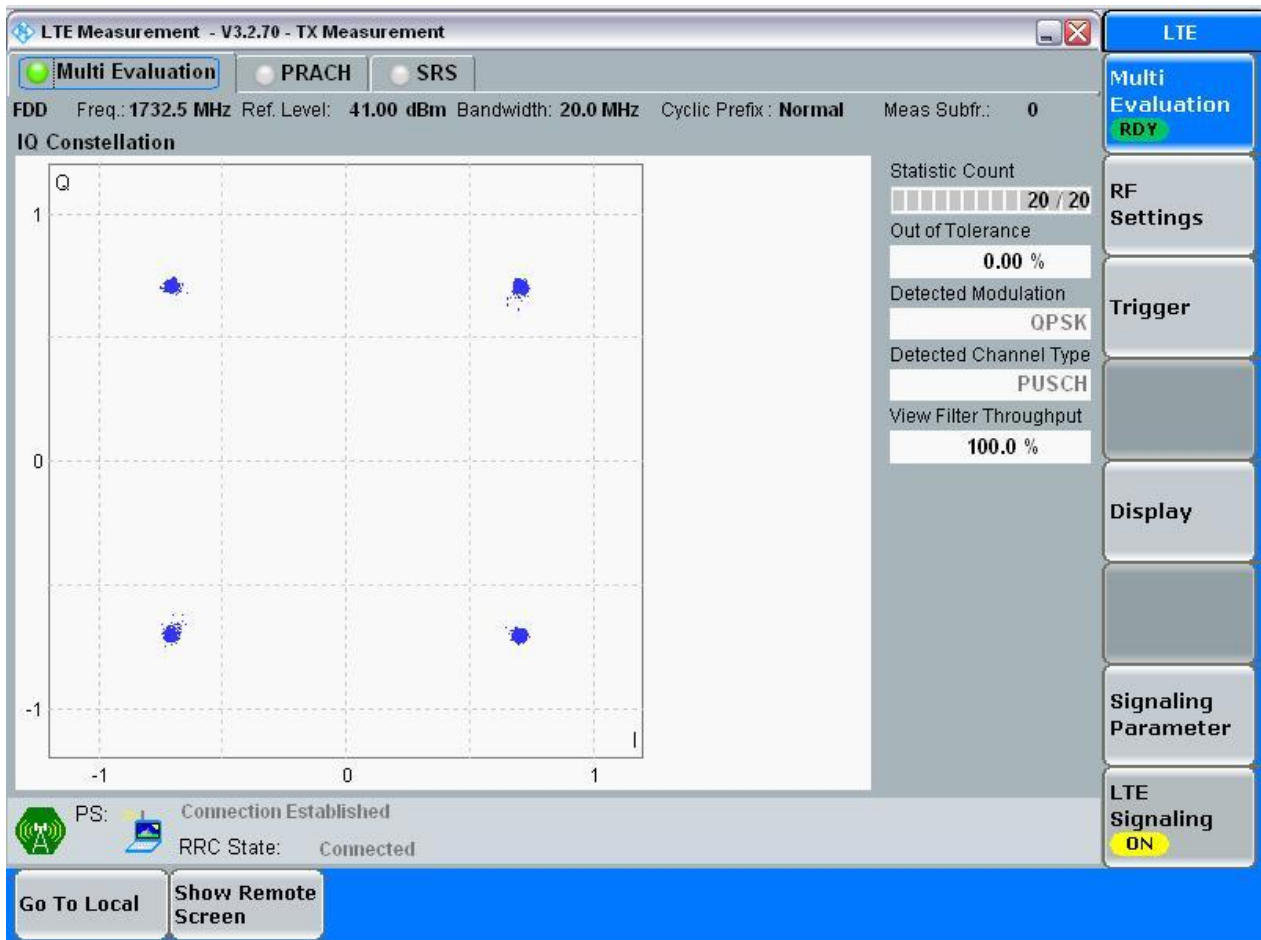
3.1.1.1.5.1.1 Test RB = RB75#0



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

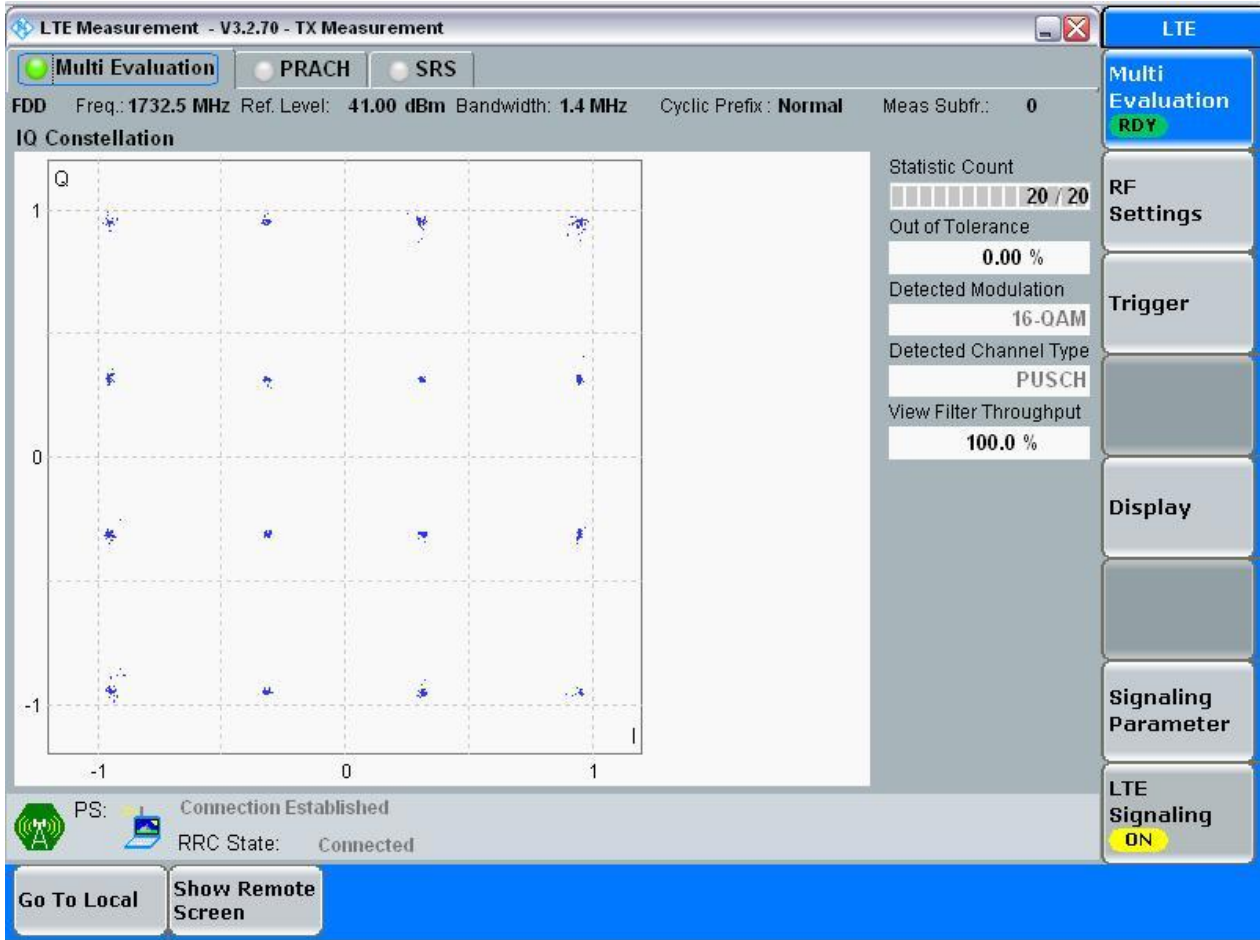


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

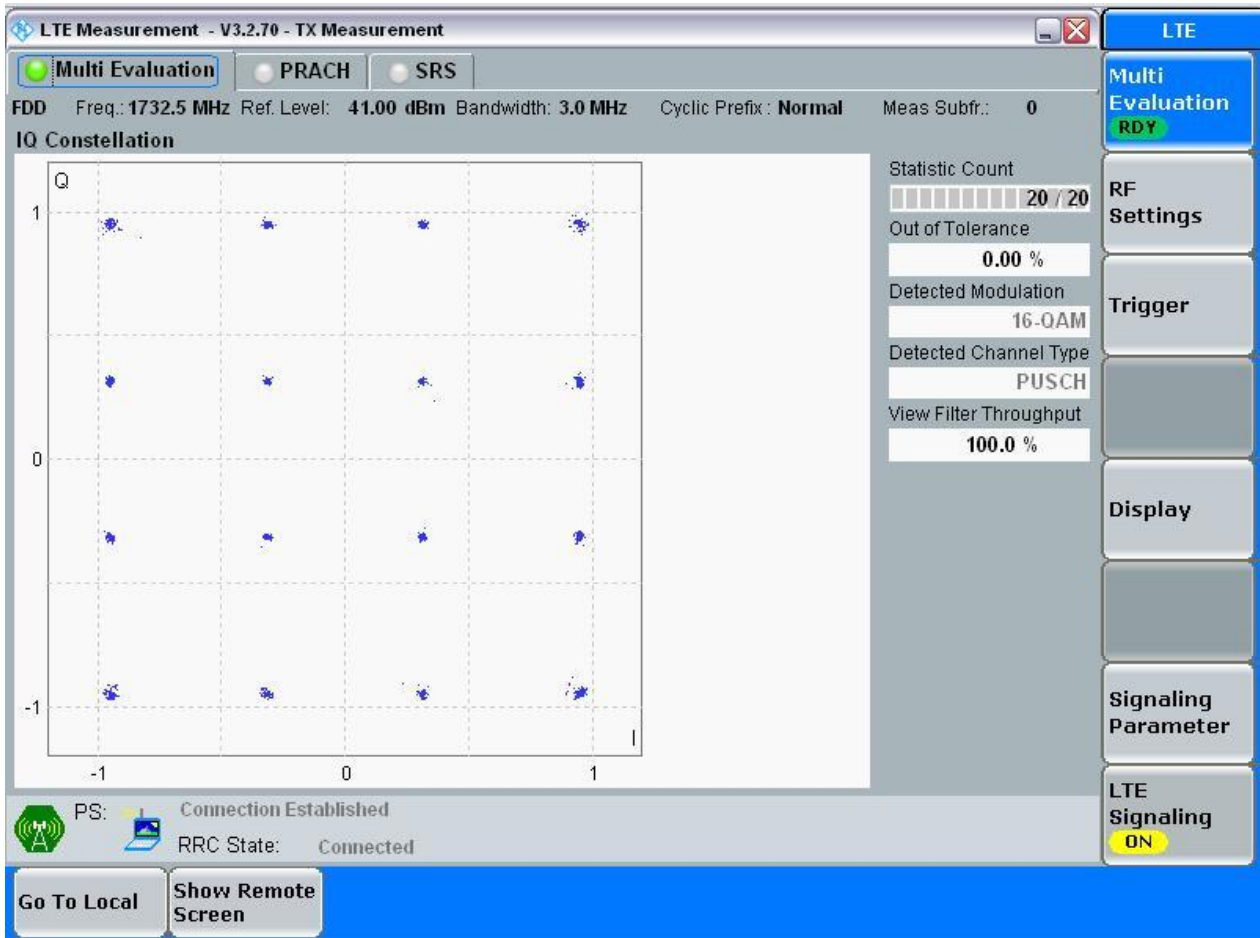
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

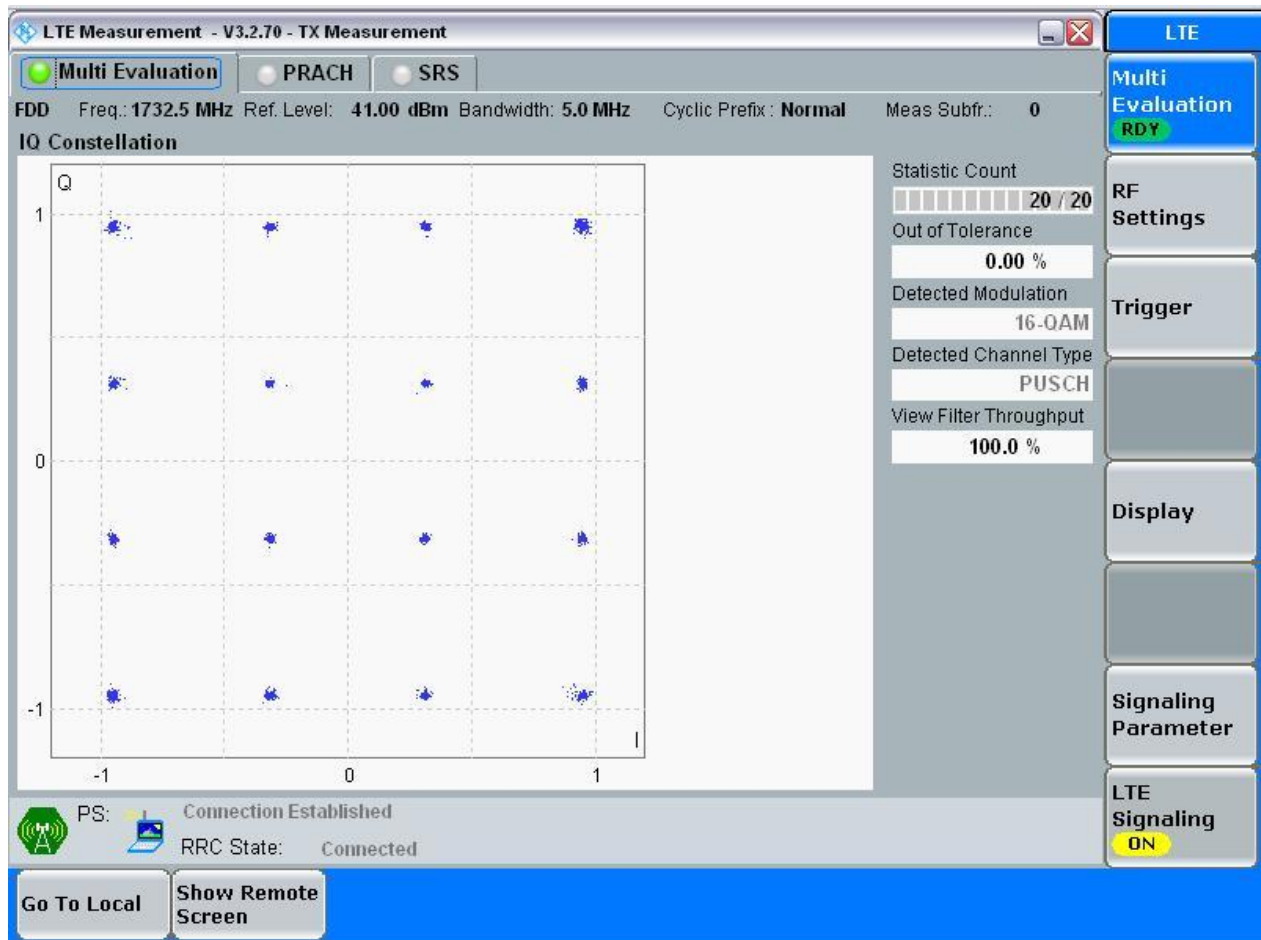
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

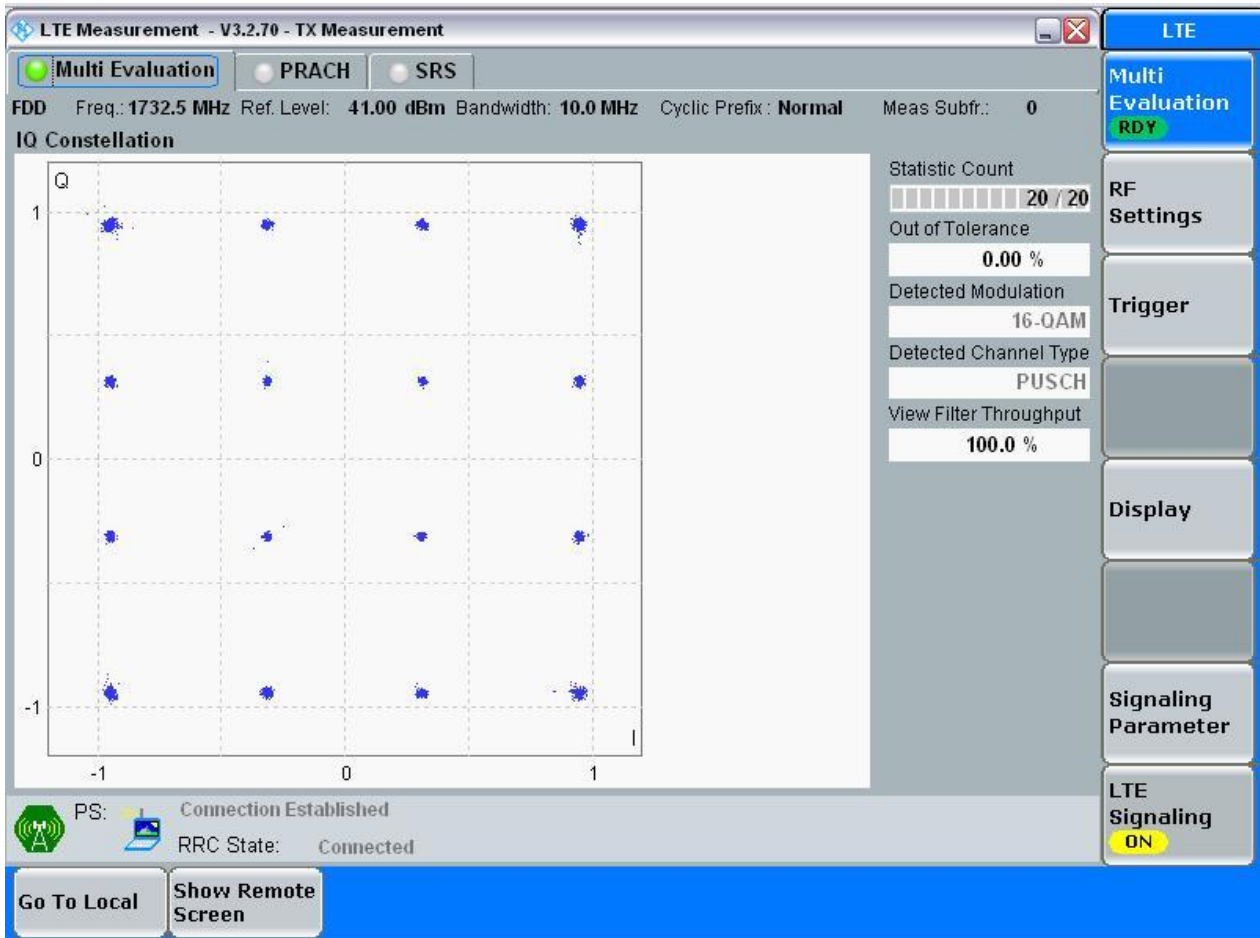
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

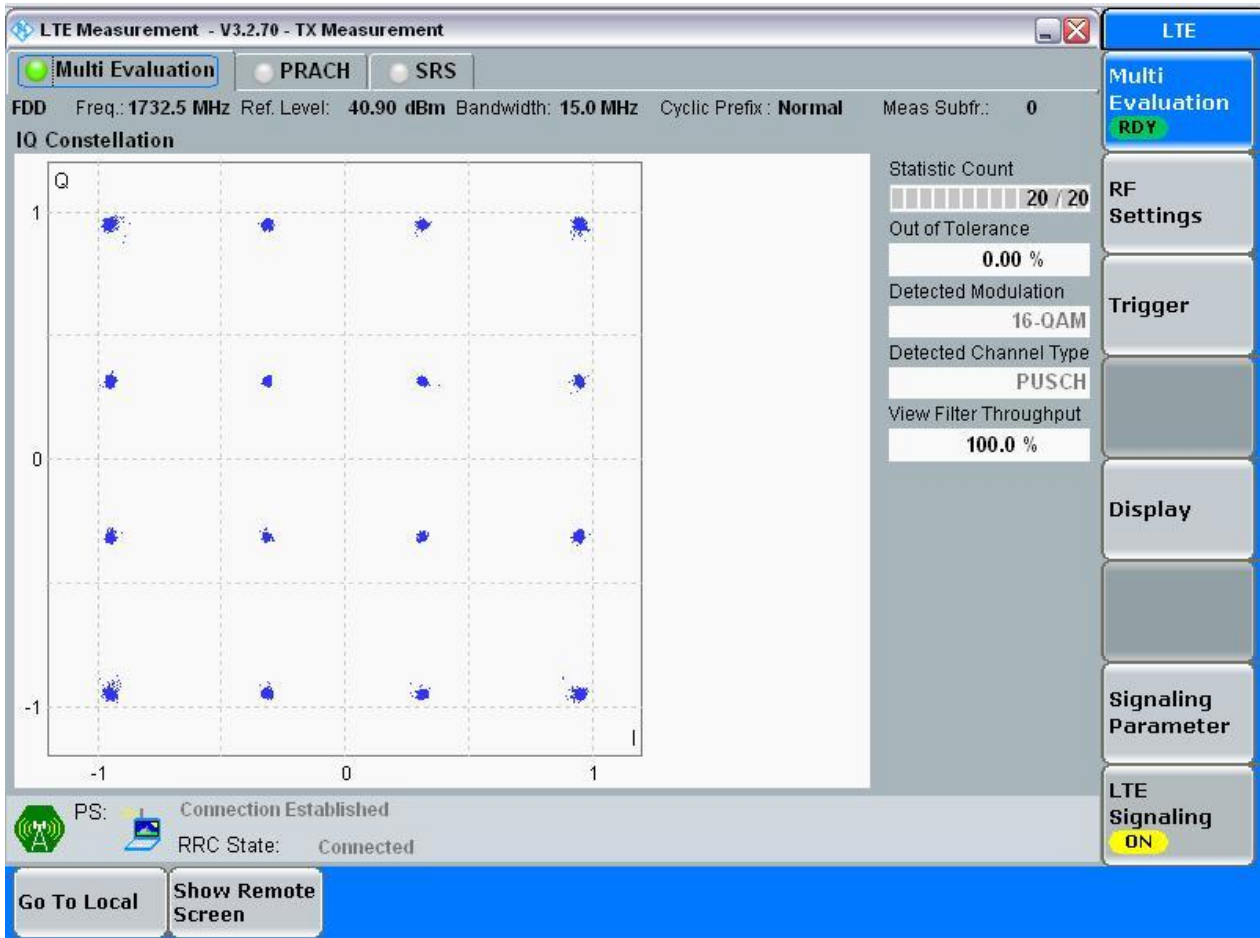
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

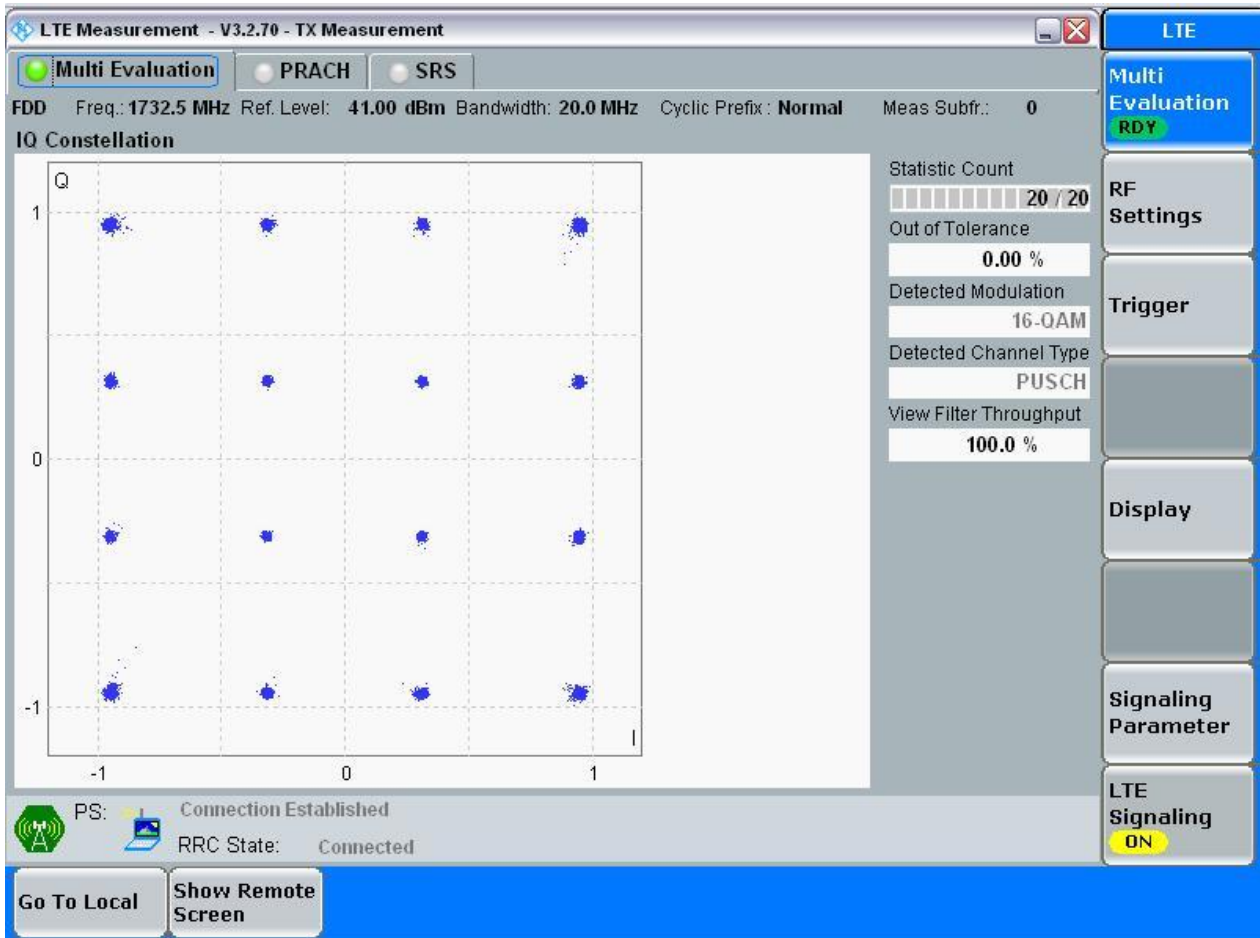
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.72	3.00	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	9.00	9.89	Pass
			MCH	RB50#0	8.97	9.94	Pass
			HCH	RB50#0	8.99	9.91	Pass
		15	LCH	RB75#0	13.52	15.06	Pass
			MCH	RB75#0	13.48	15.03	Pass
			HCH	RB75#0	13.48	15.02	Pass
		20	LCH	RB100#0	17.98	19.76	Pass
			MCH	RB100#0	18.02	19.81	Pass
			HCH	RB100#0	17.99	19.81	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.52	4.95	Pass
10		LCH	RB50#0	9.01	9.91	Pass	
		MCH	RB50#0	8.99	9.89	Pass	
		HCH	RB50#0	9.01	9.86	Pass	

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.50	15.01	Pass
			MCH	RB75#0	13.49	14.95	Pass
			HCH	RB75#0	13.49	15.04	Pass
		20	LCH	RB100#0	17.96	19.78	Pass
			MCH	RB100#0	17.98	19.80	Pass
			HCH	RB100#0	18.00	19.83	Pass



Part II - Test Plots

4.1 For LTE

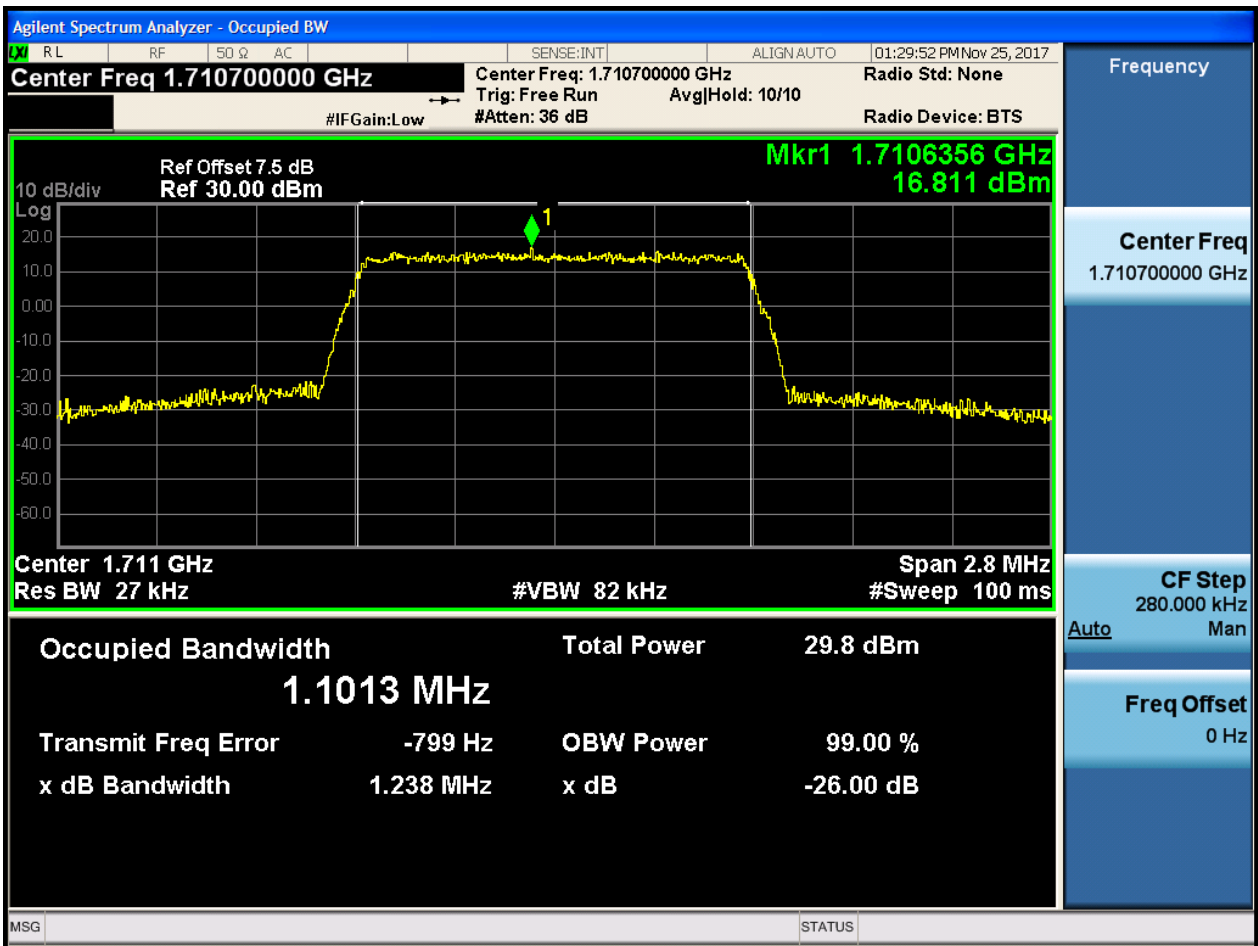
4.1.1 Test Band = BAND4

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

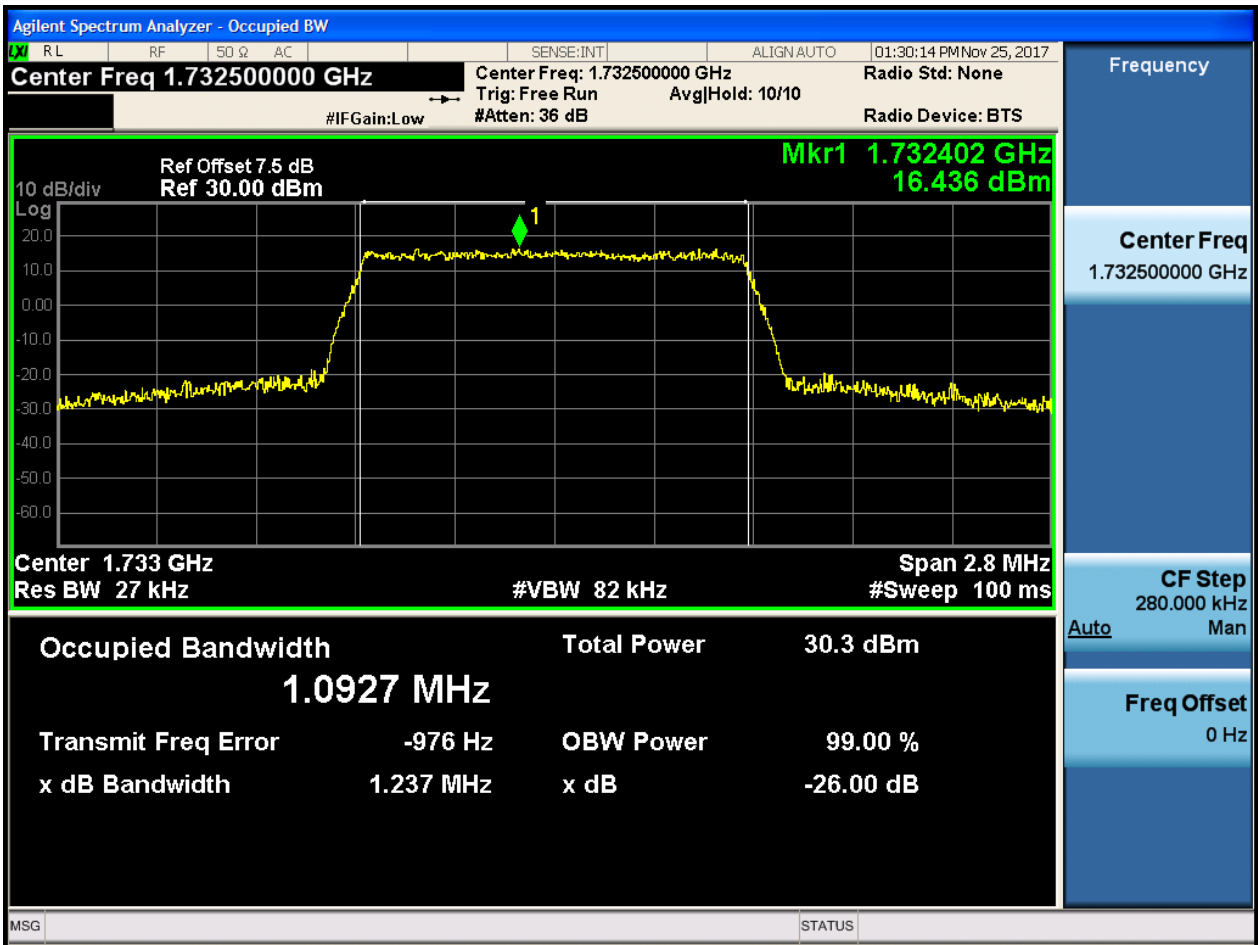
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.2 Test Channel = MCH

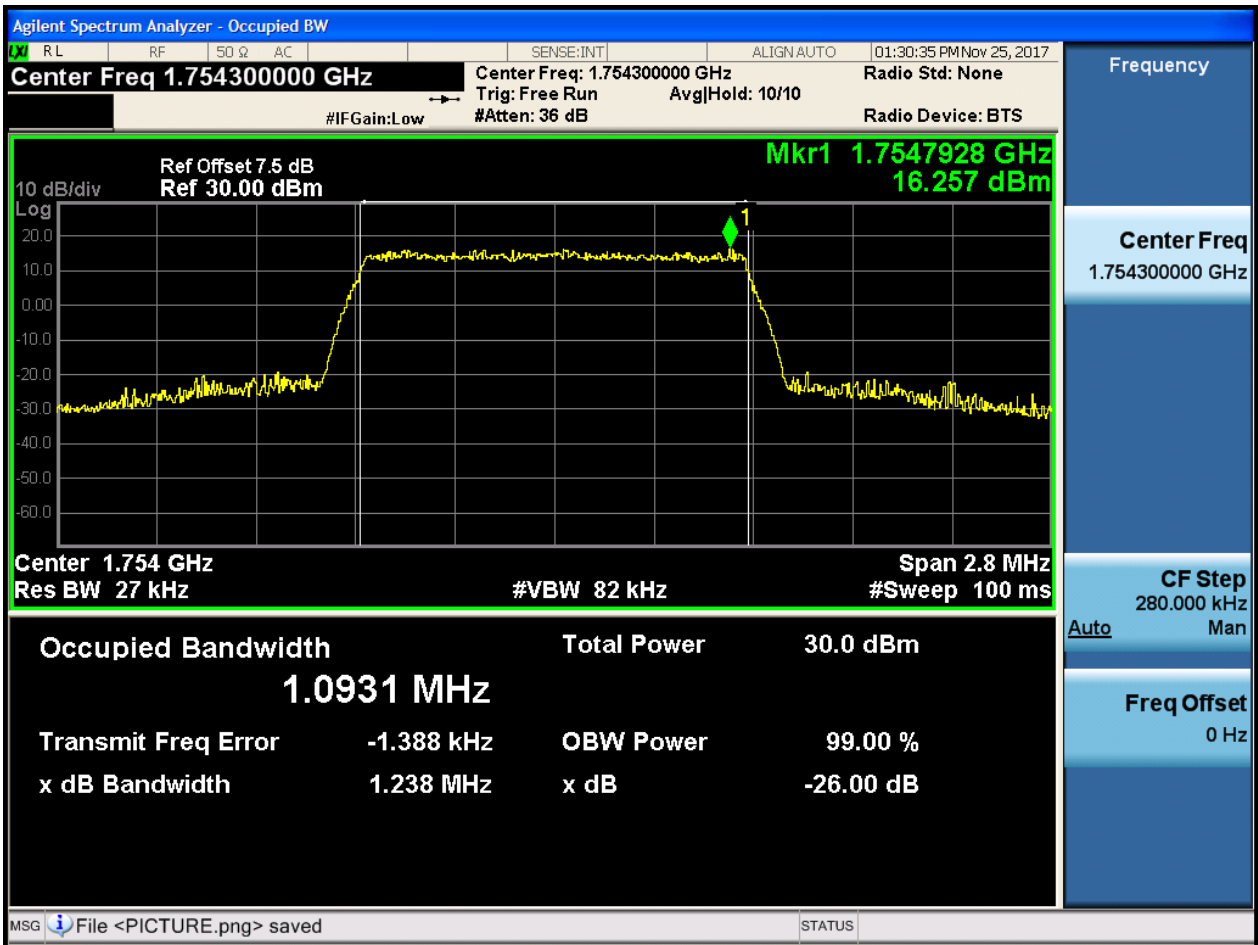
4.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

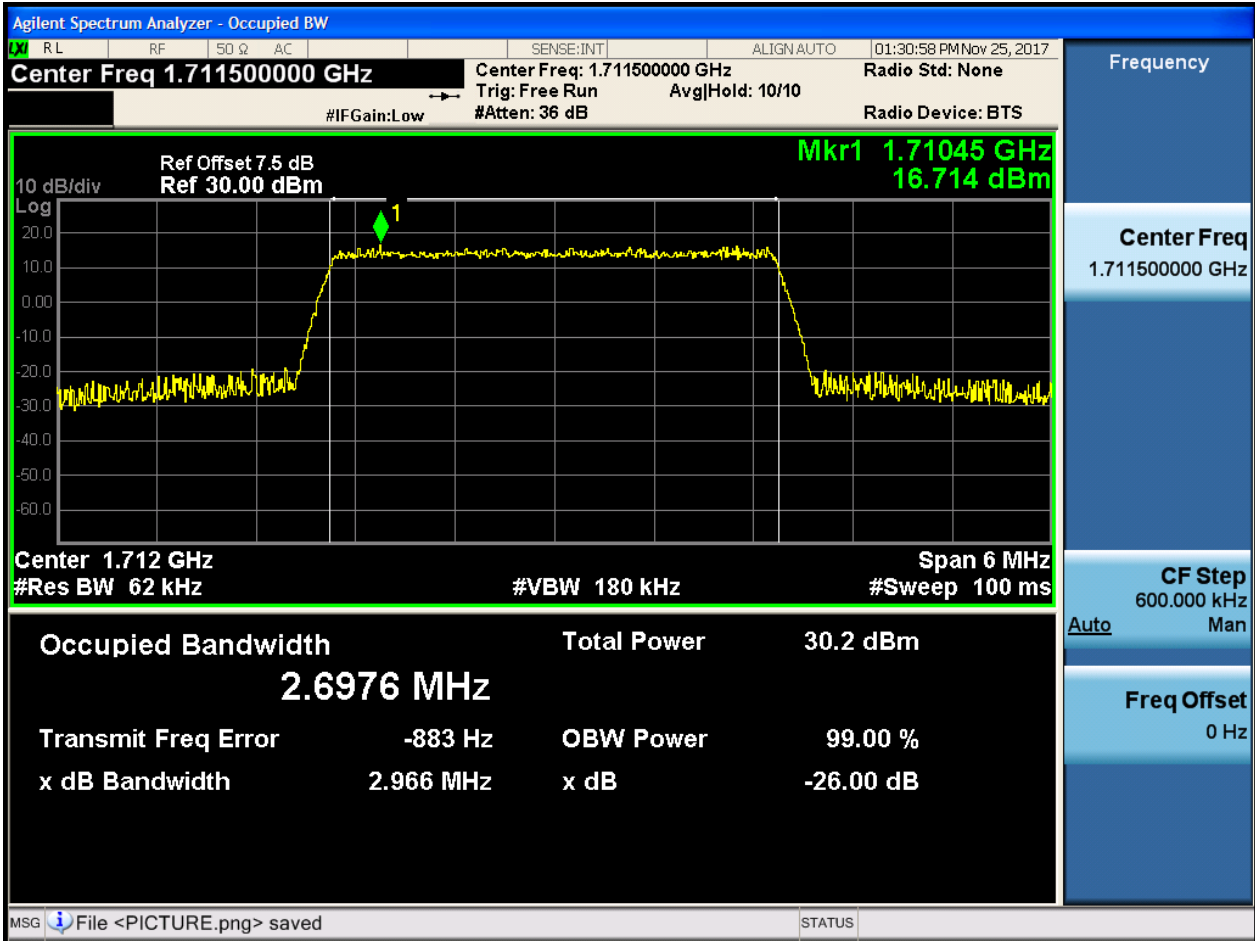




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

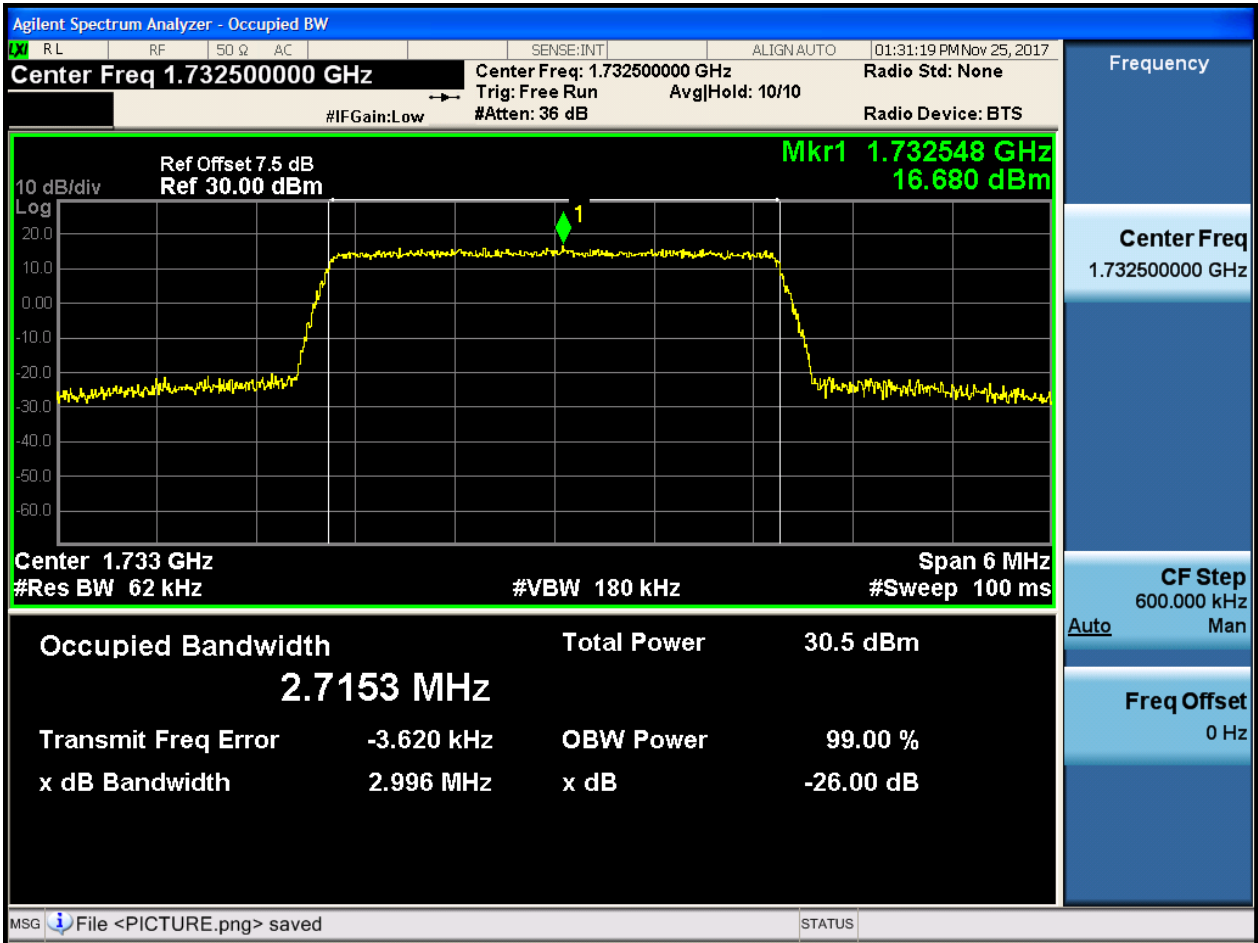
4.1.1.1.2.1.1 Test RB = RB15#0





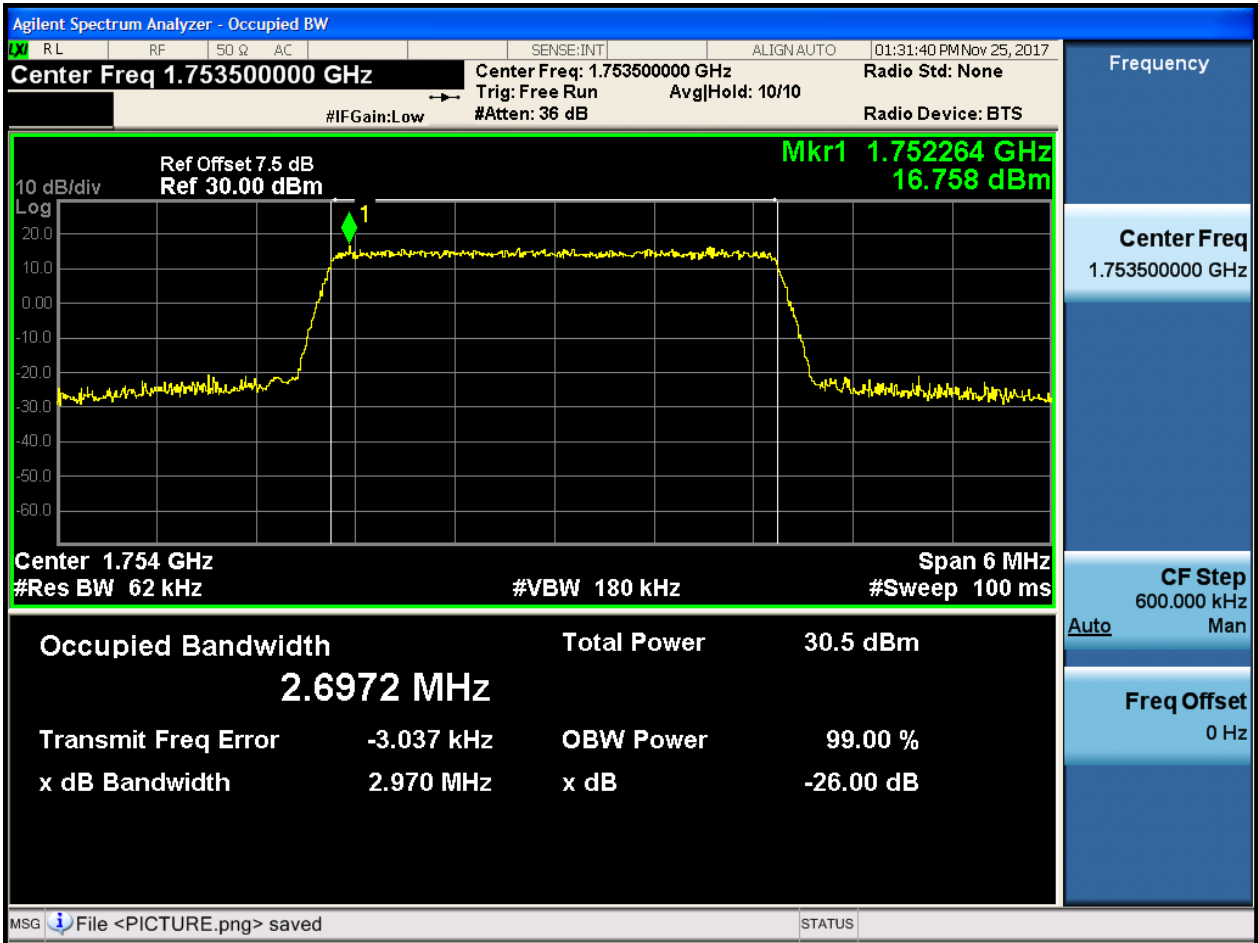
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

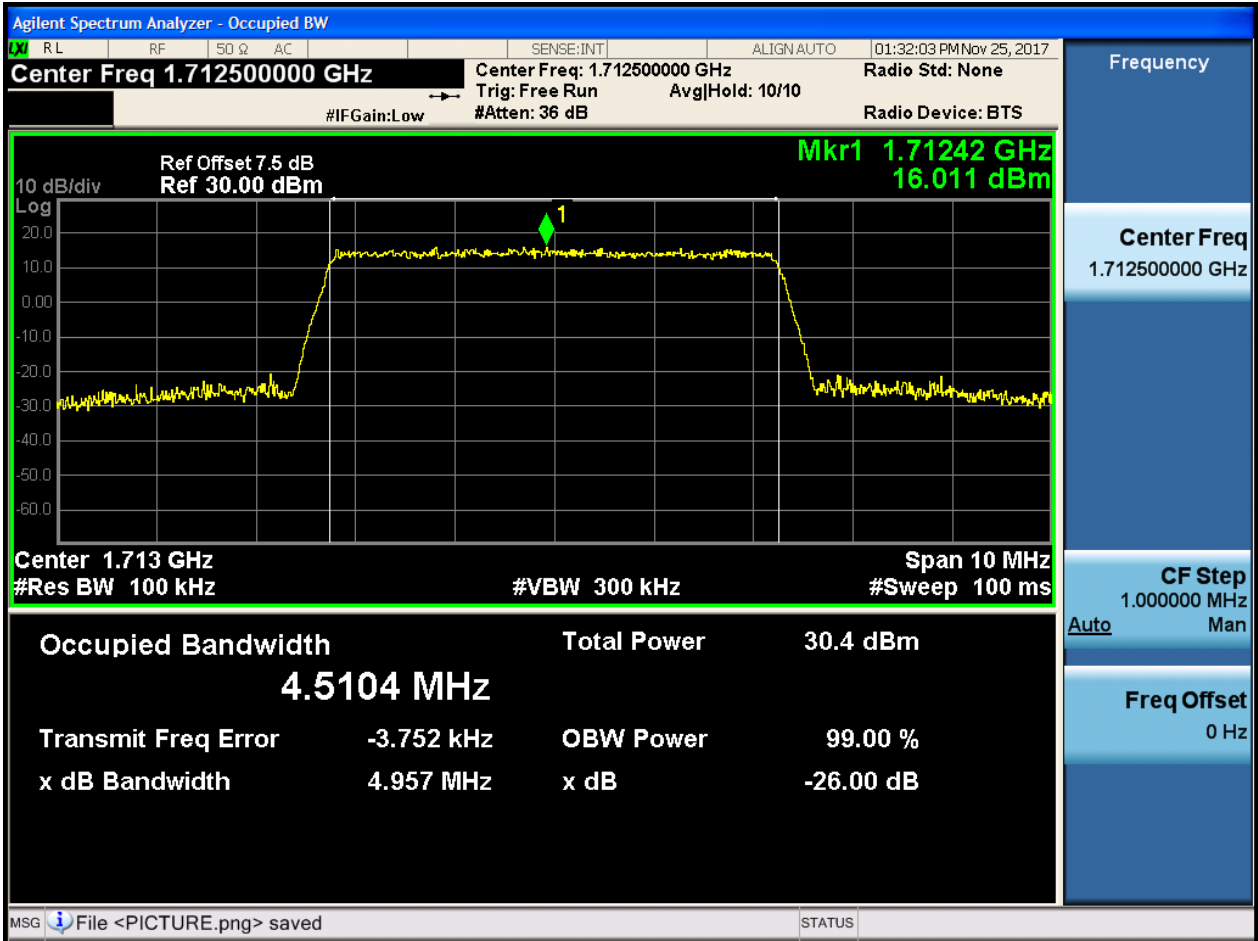




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

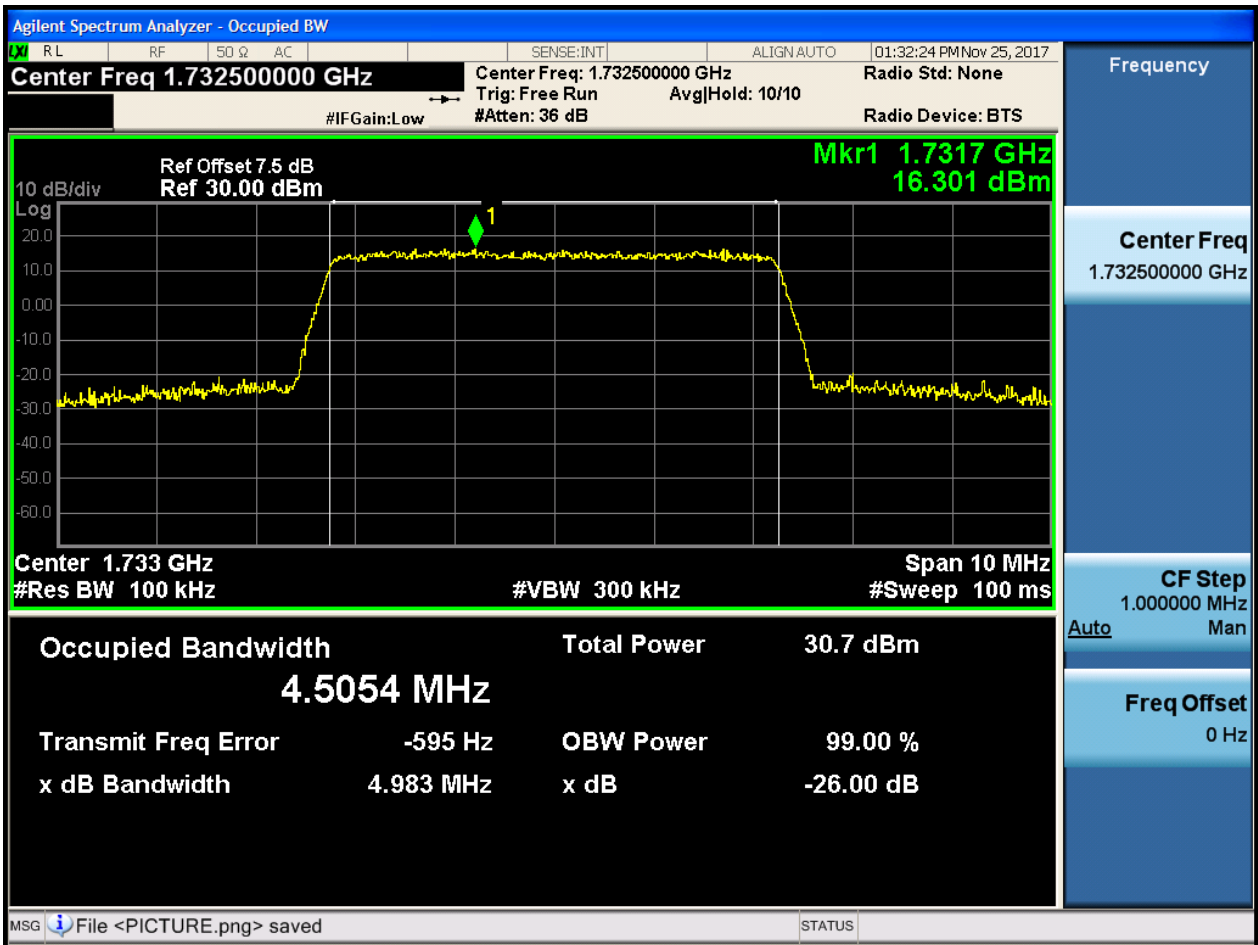
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

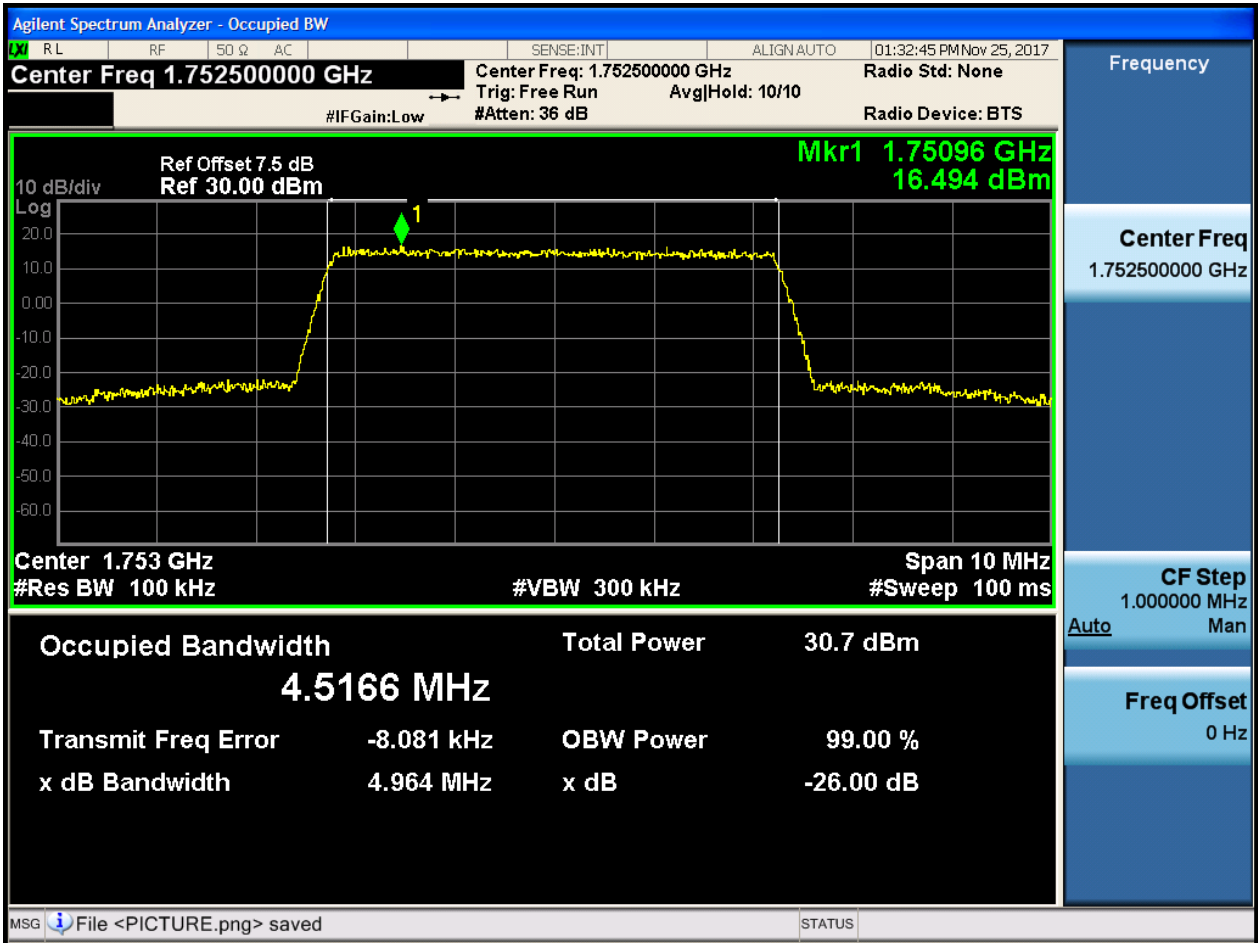
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

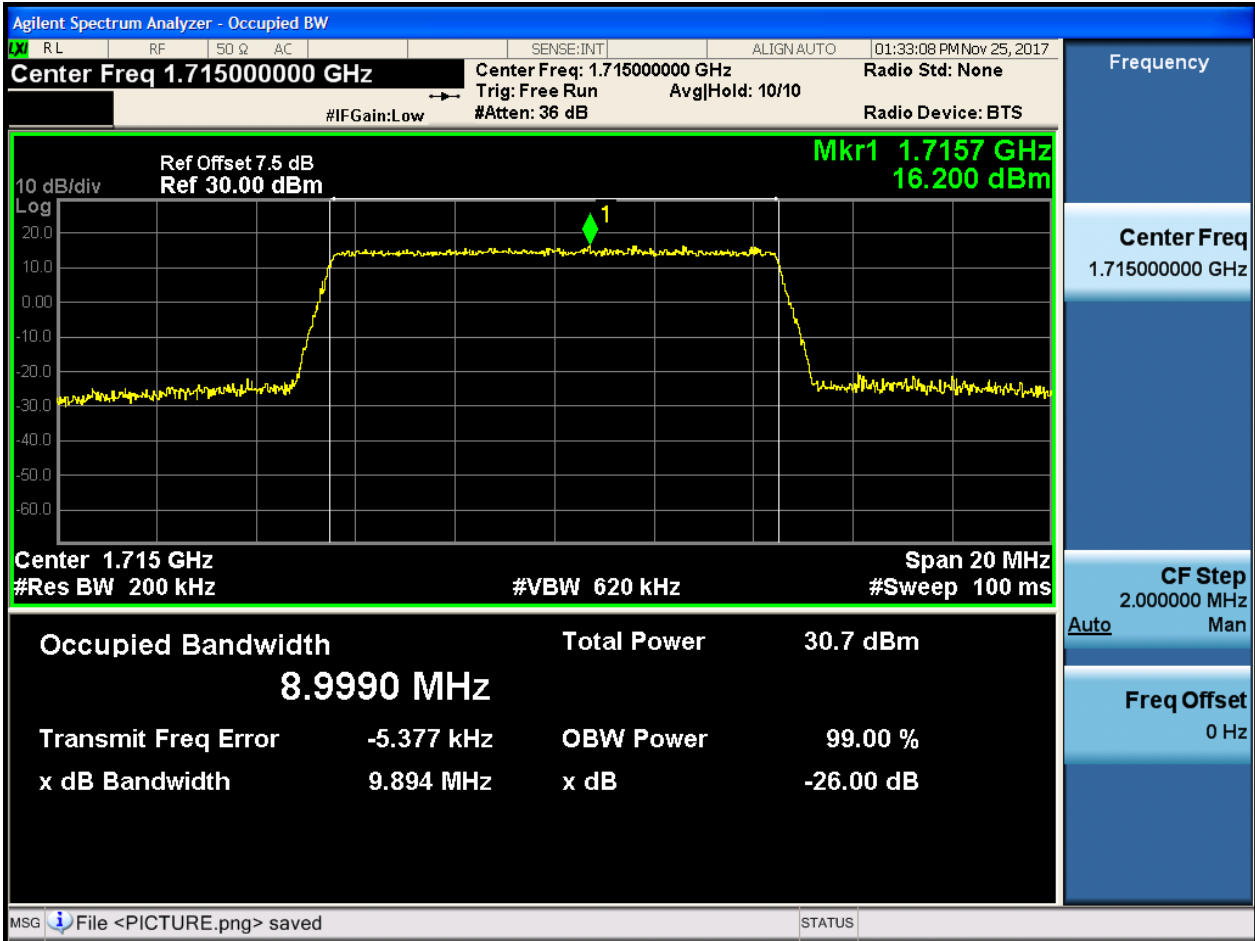




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

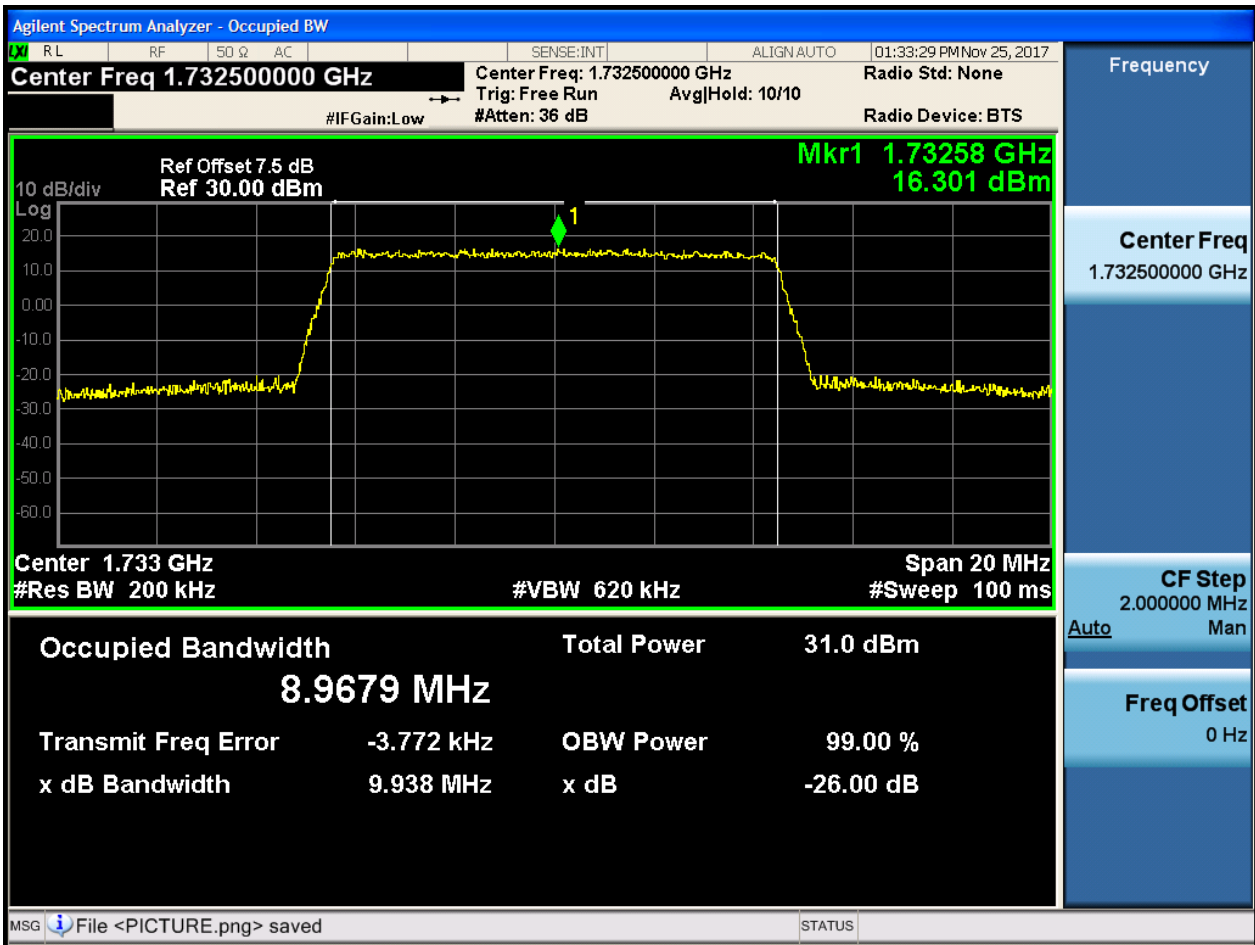
4.1.1.1.4.1.1 Test RB = RB50#0





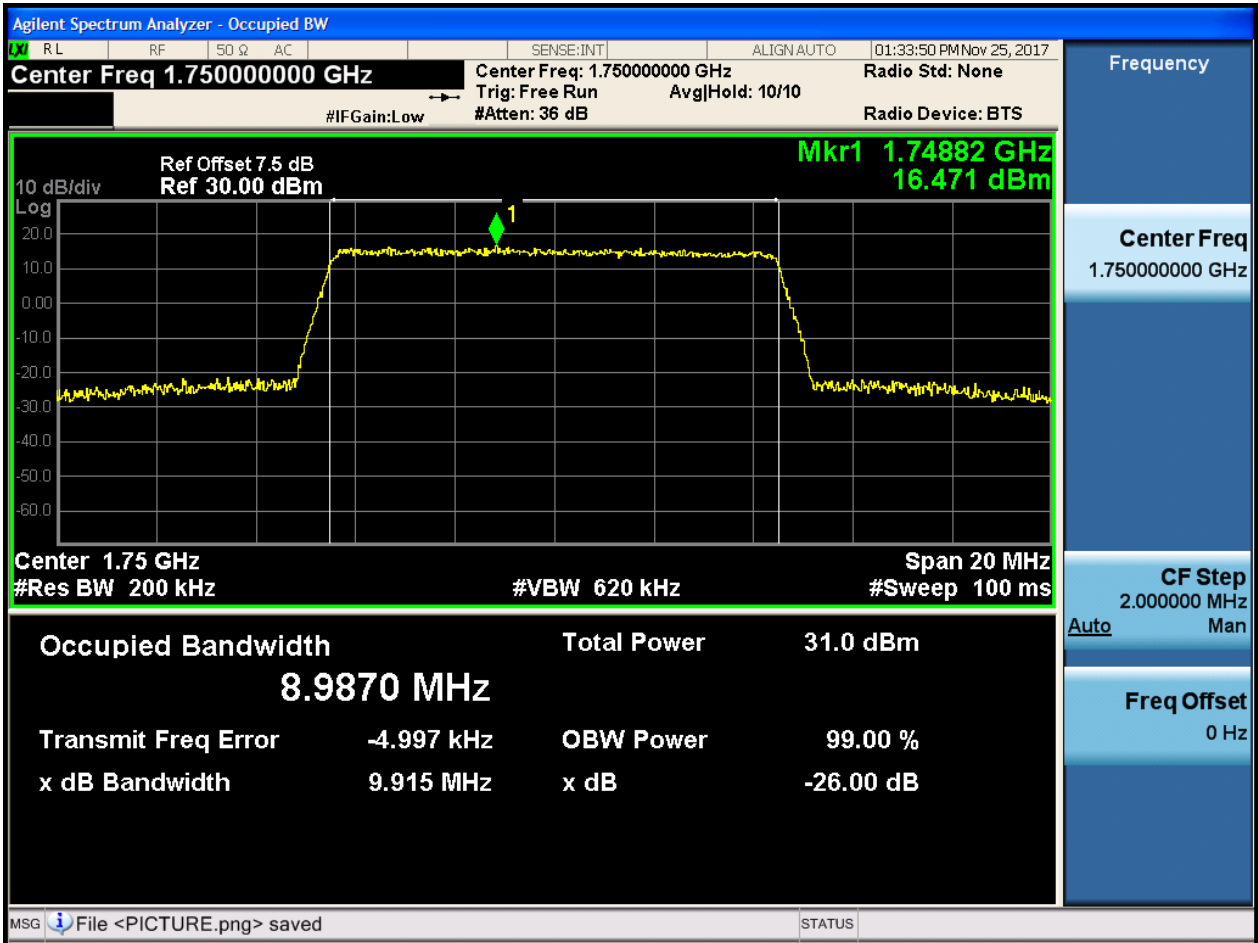
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

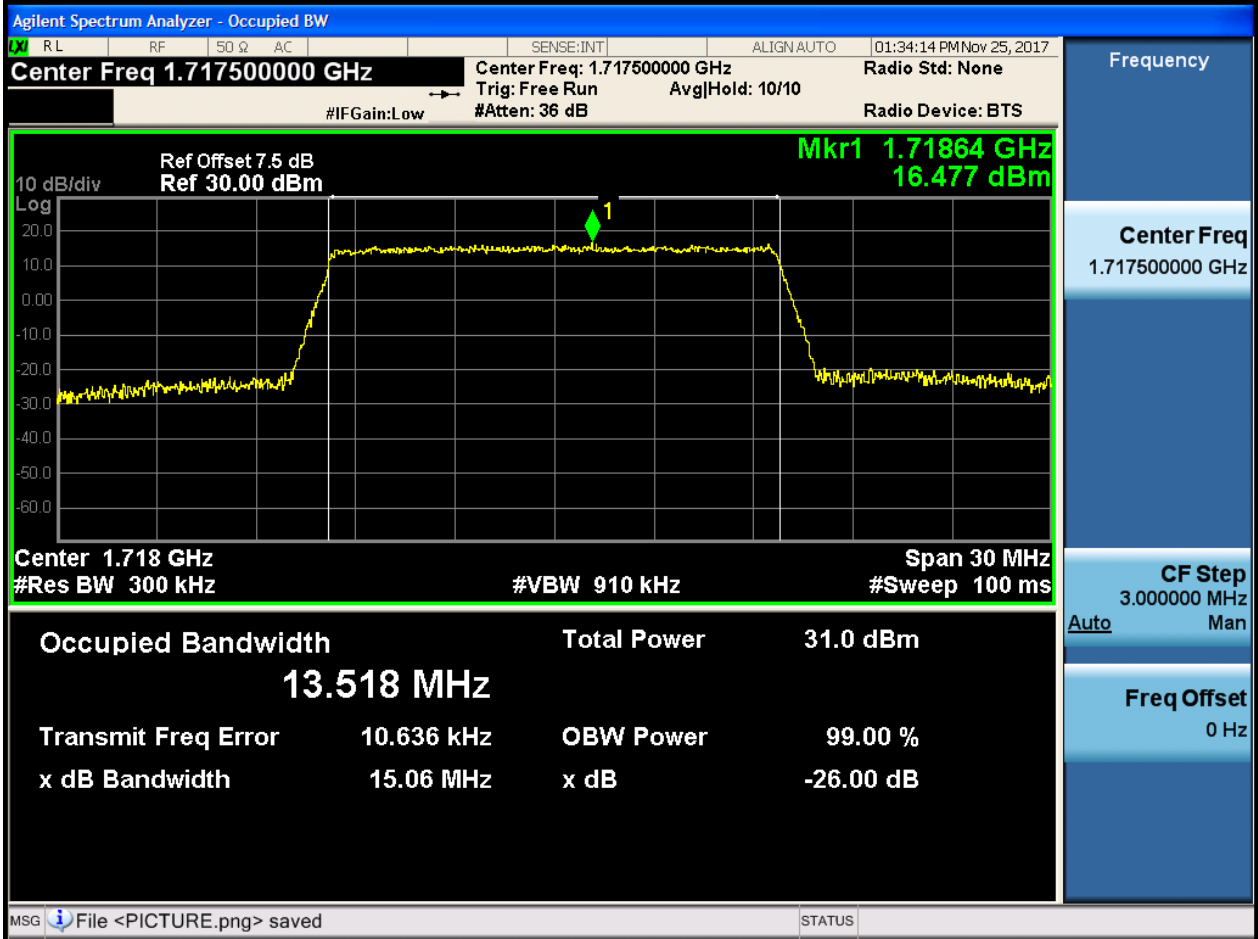




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

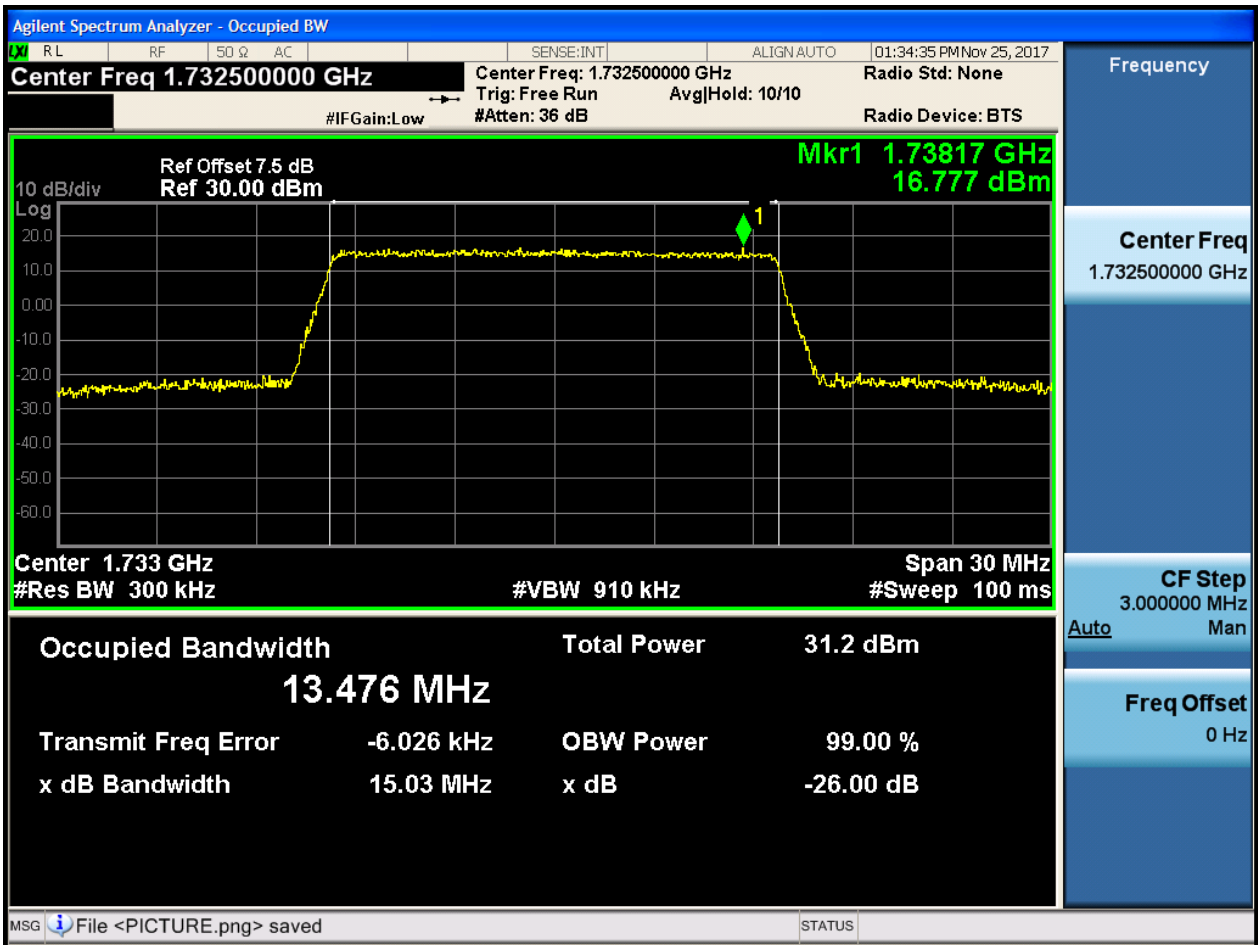
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

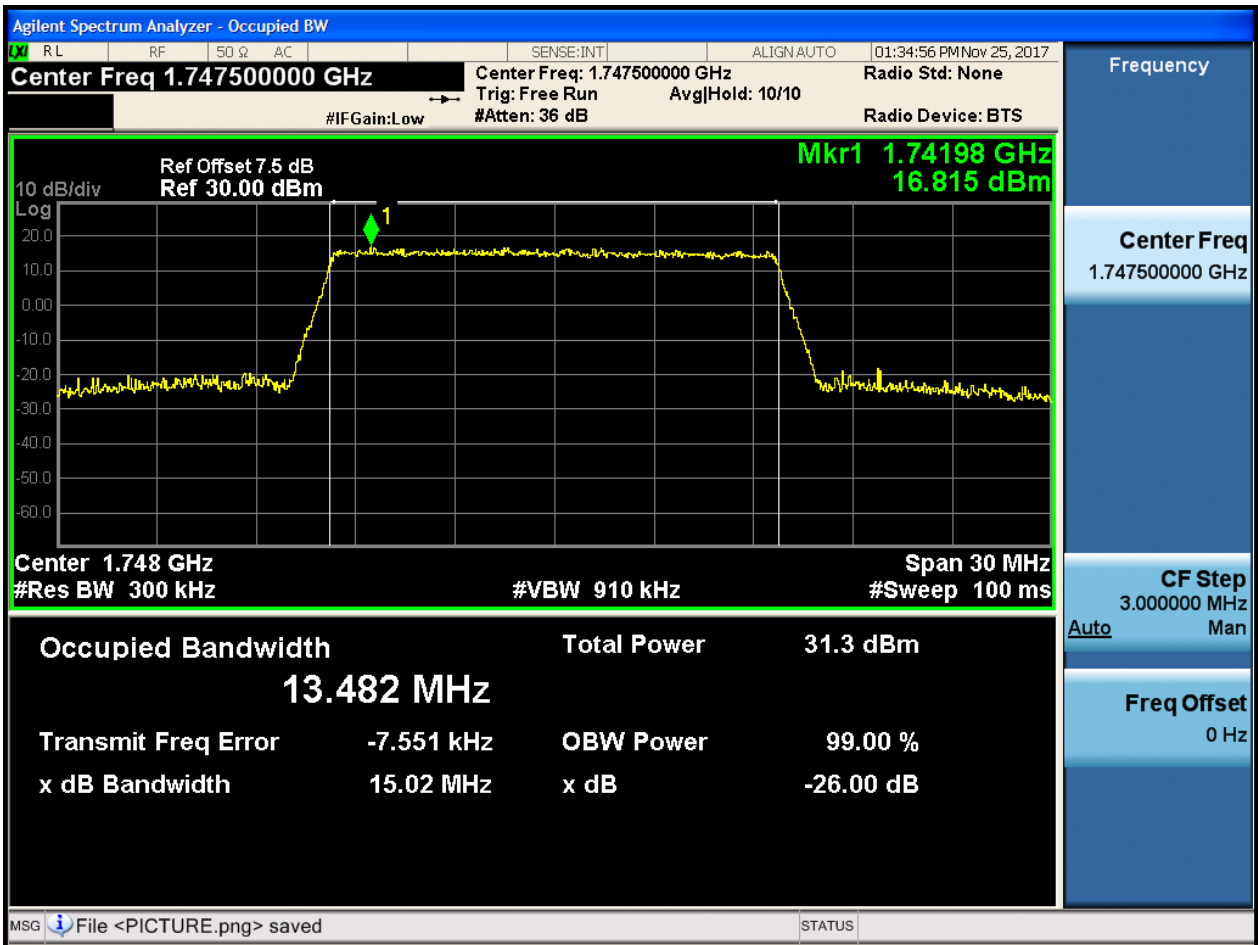
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

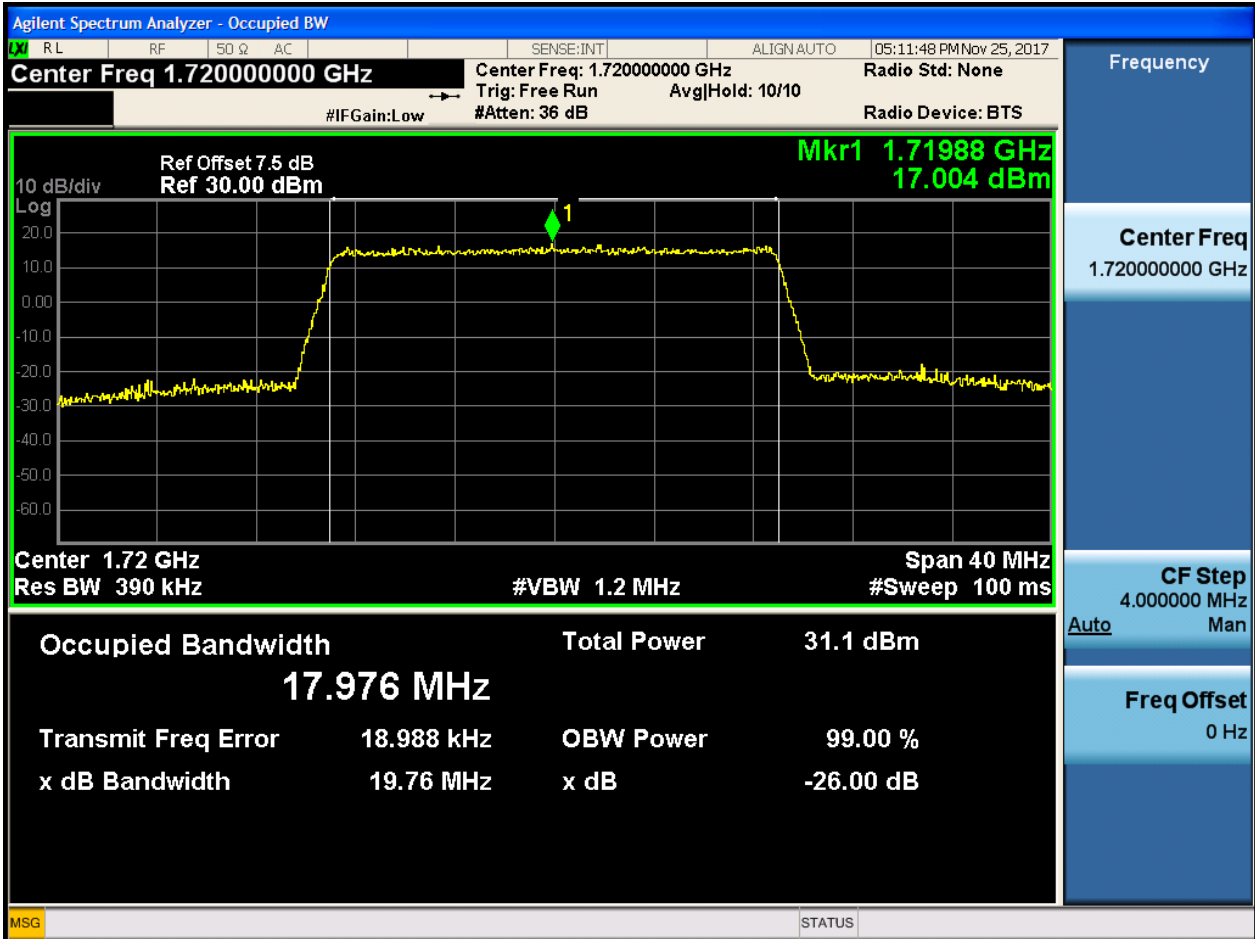




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

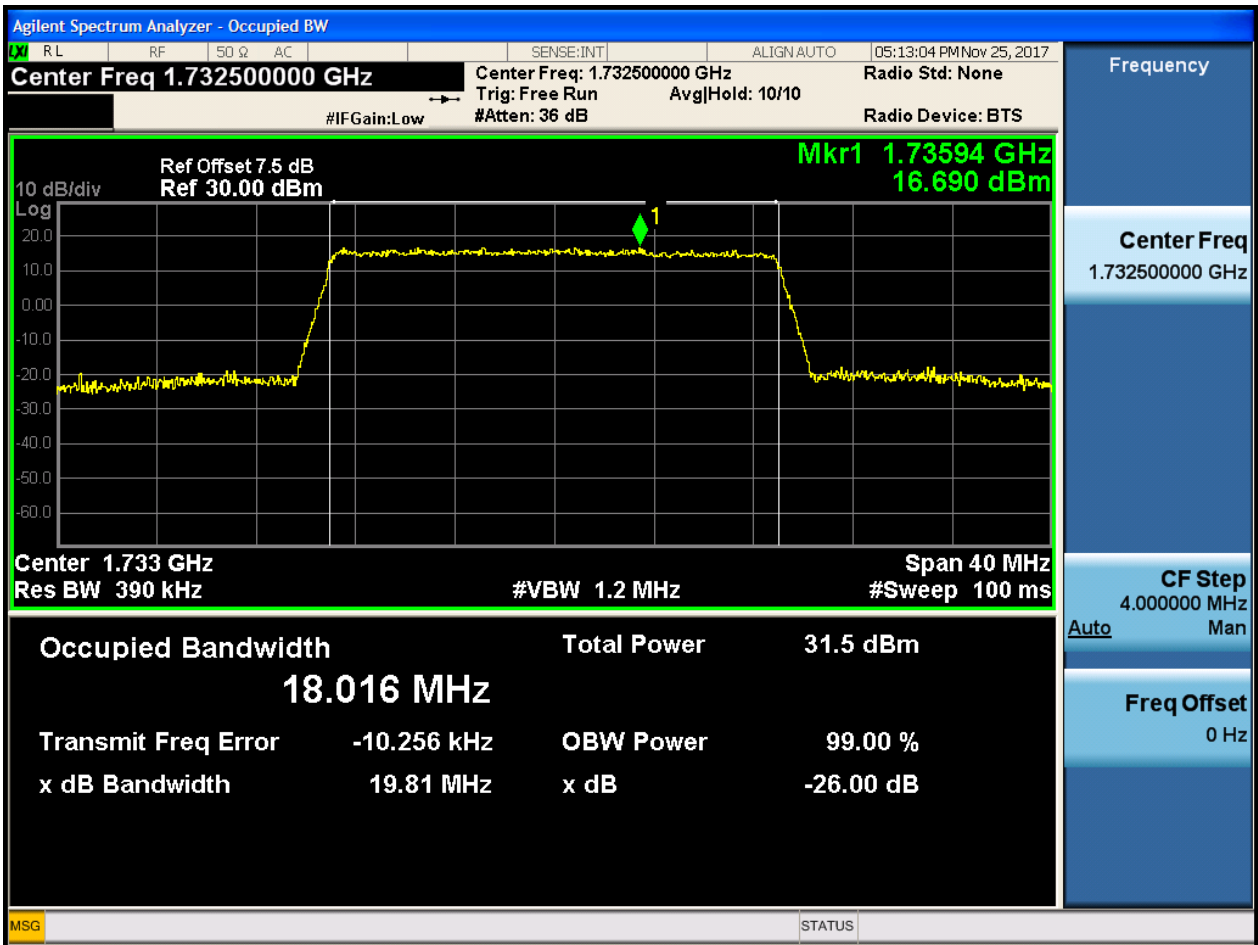
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

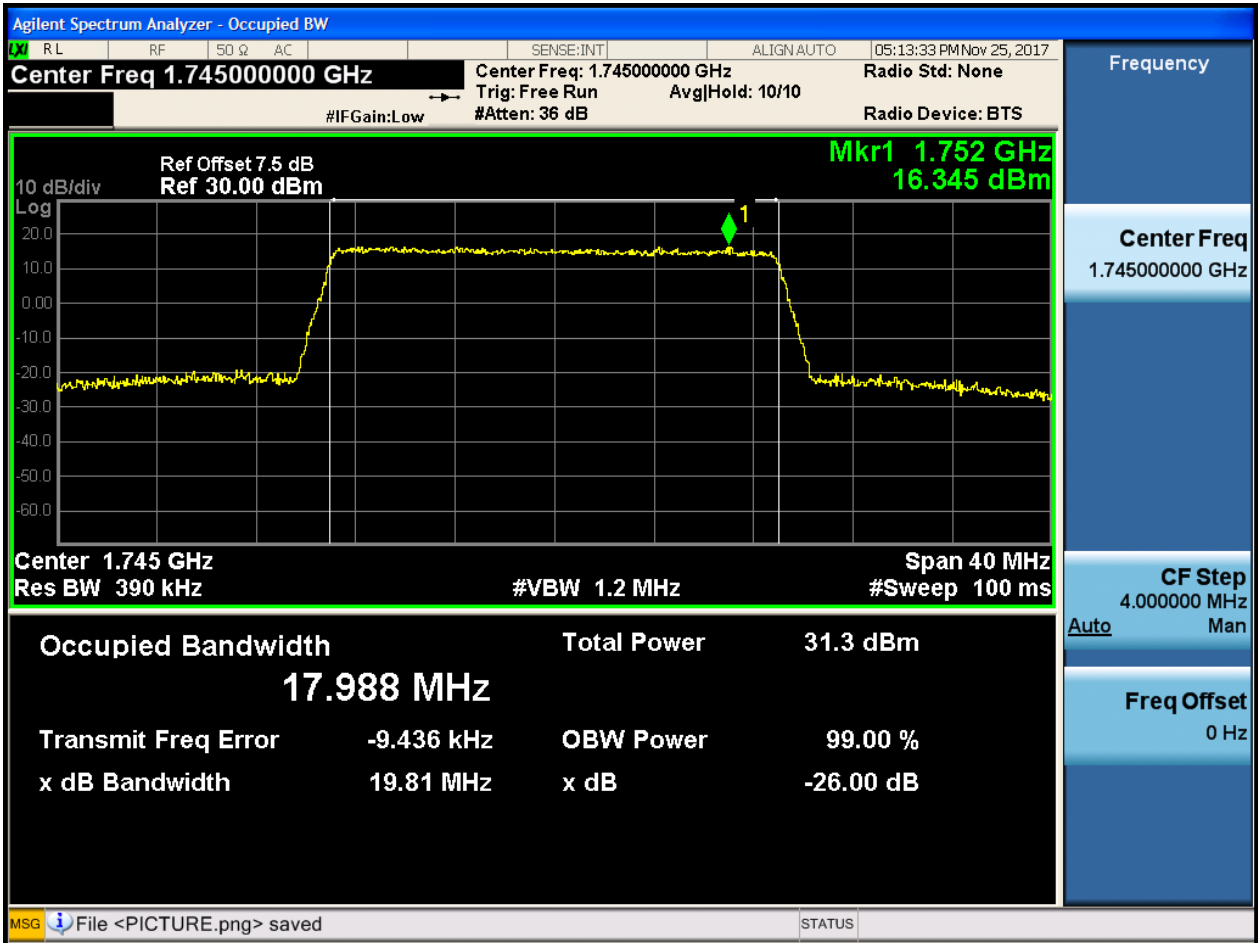
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



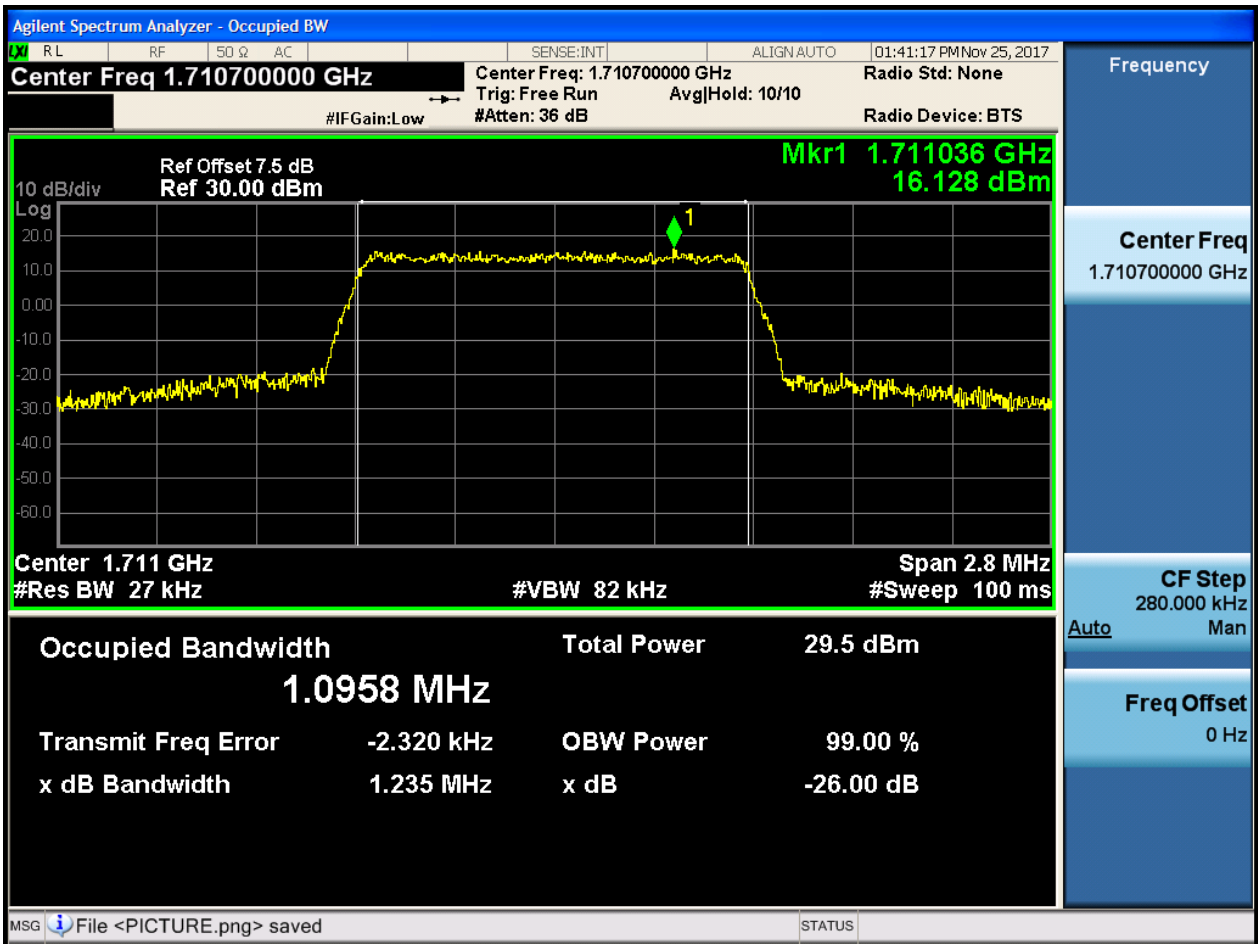


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

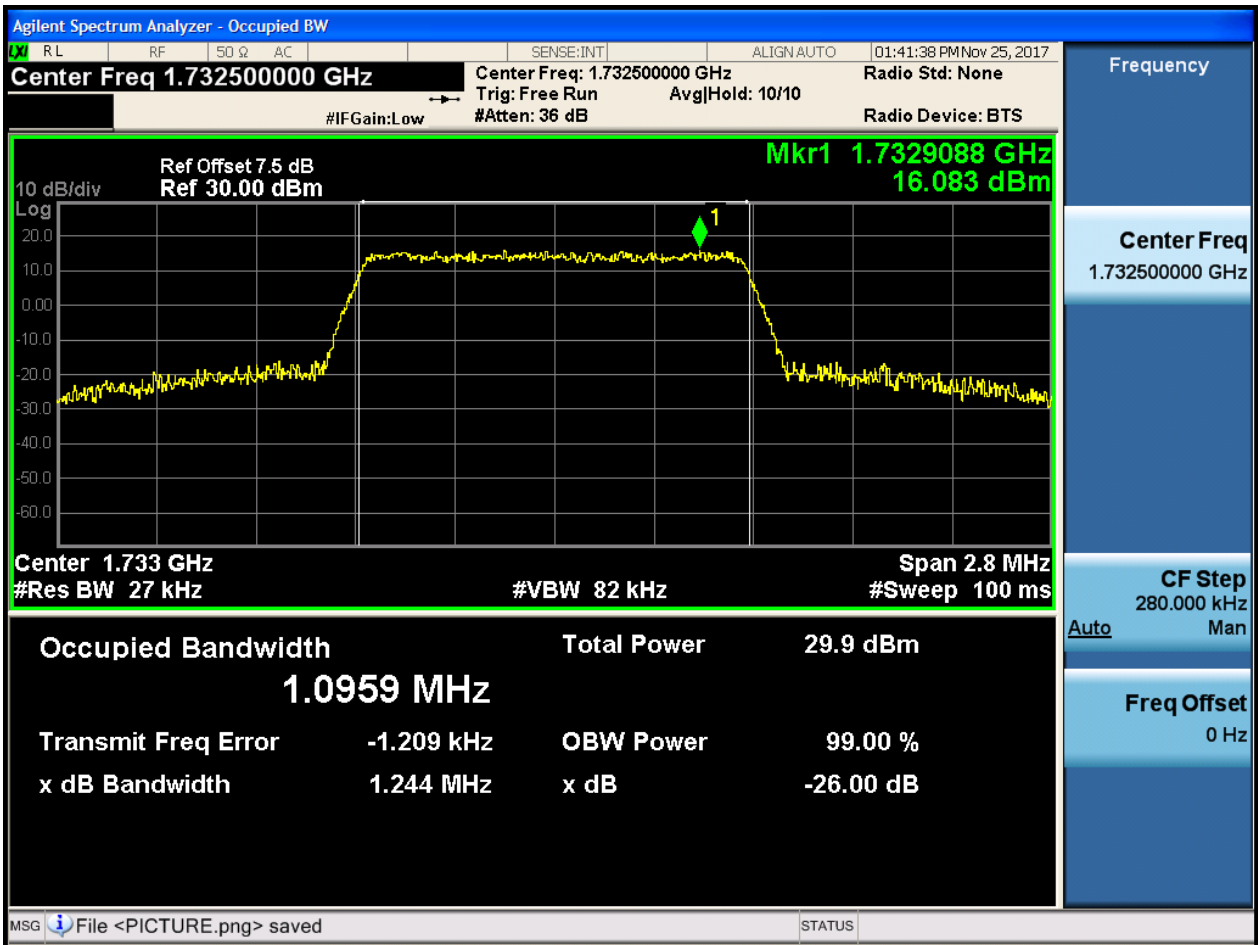
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

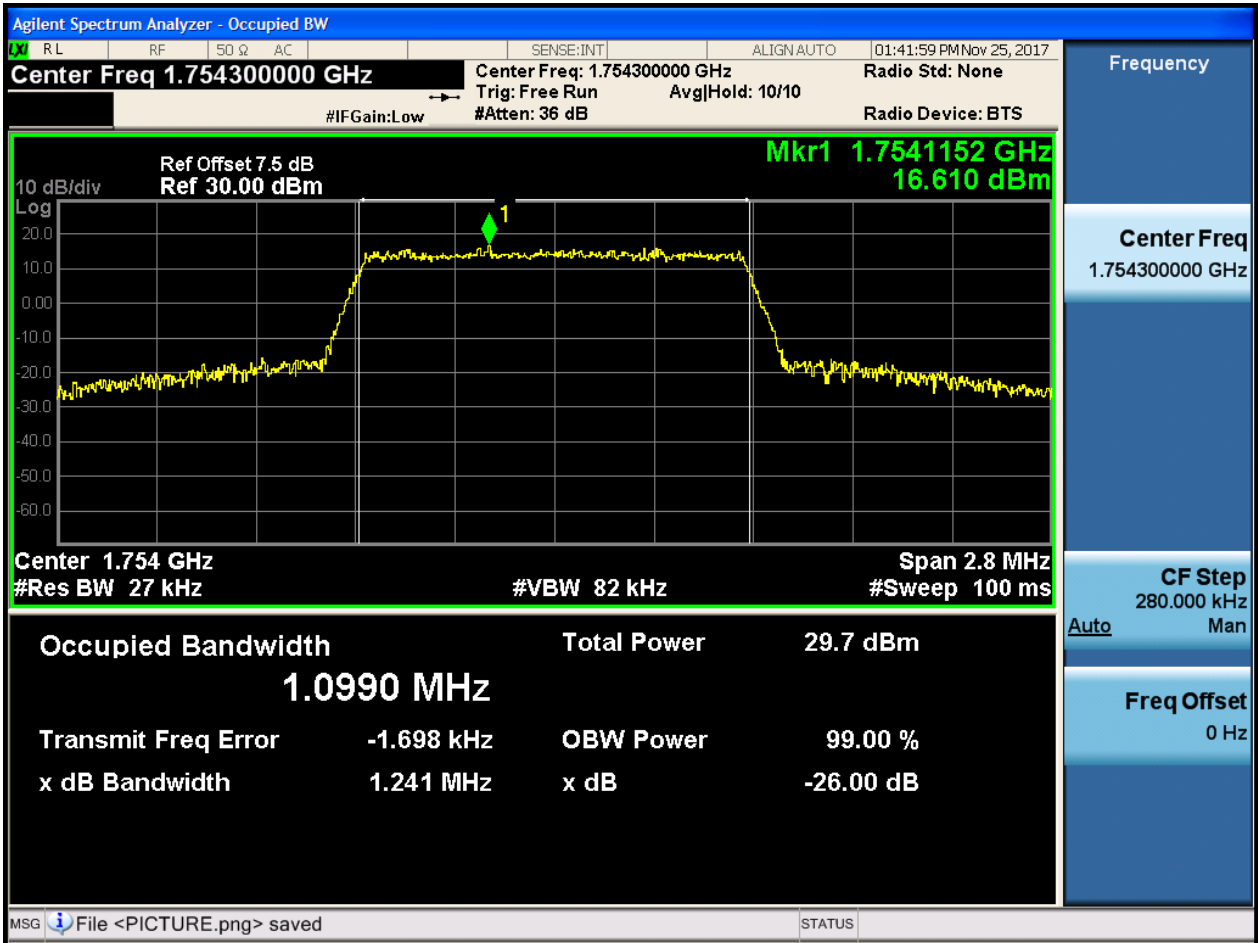
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

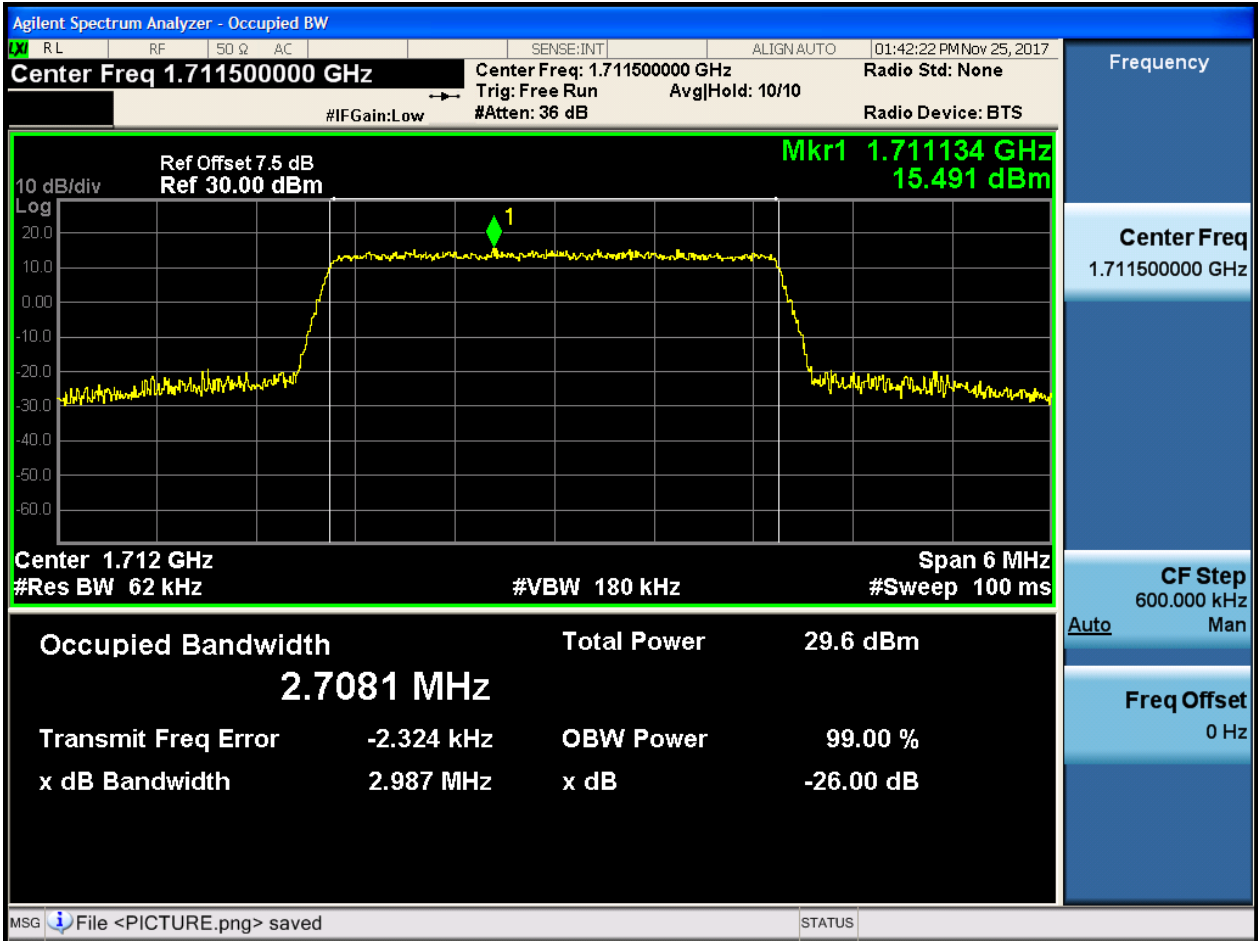




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

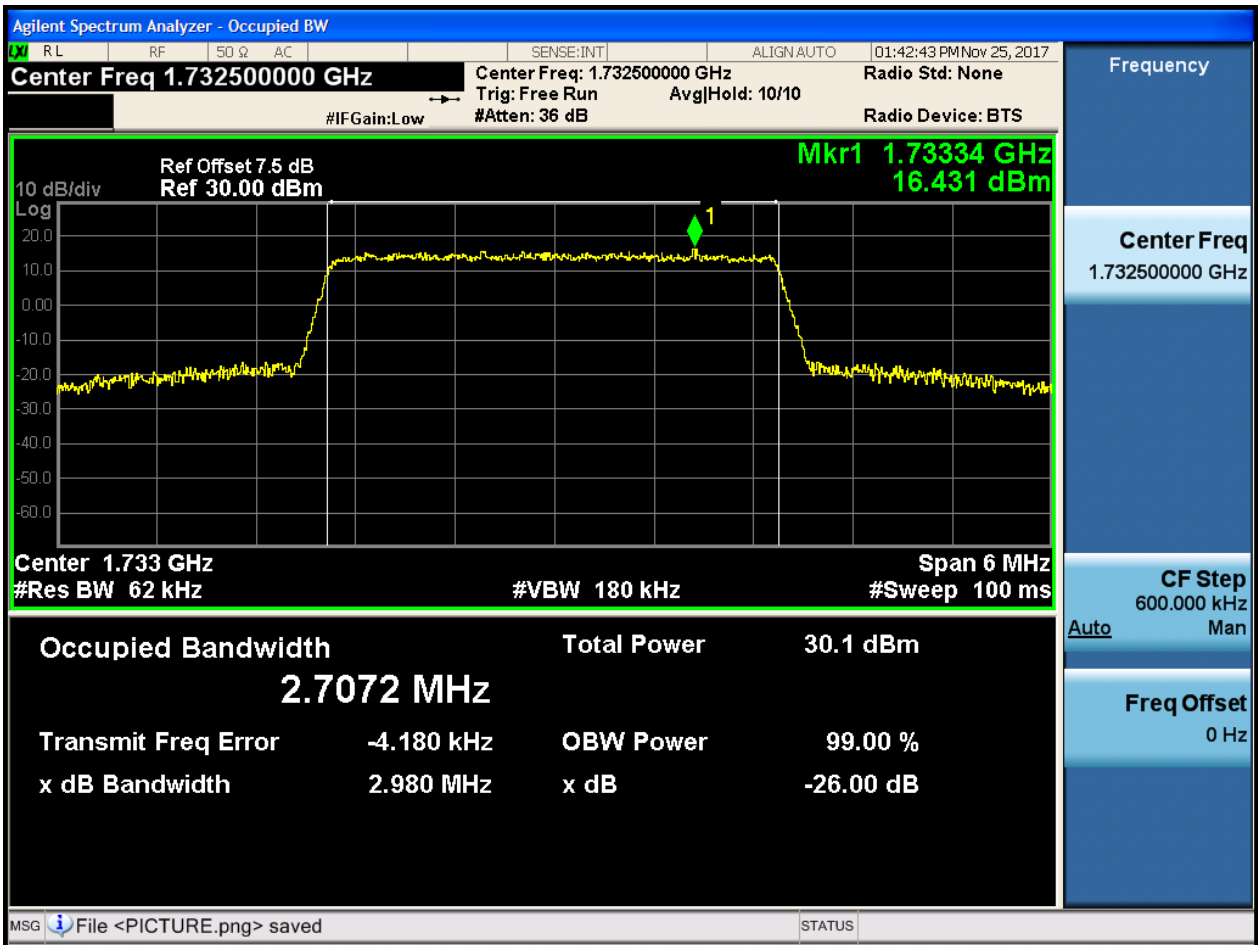
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

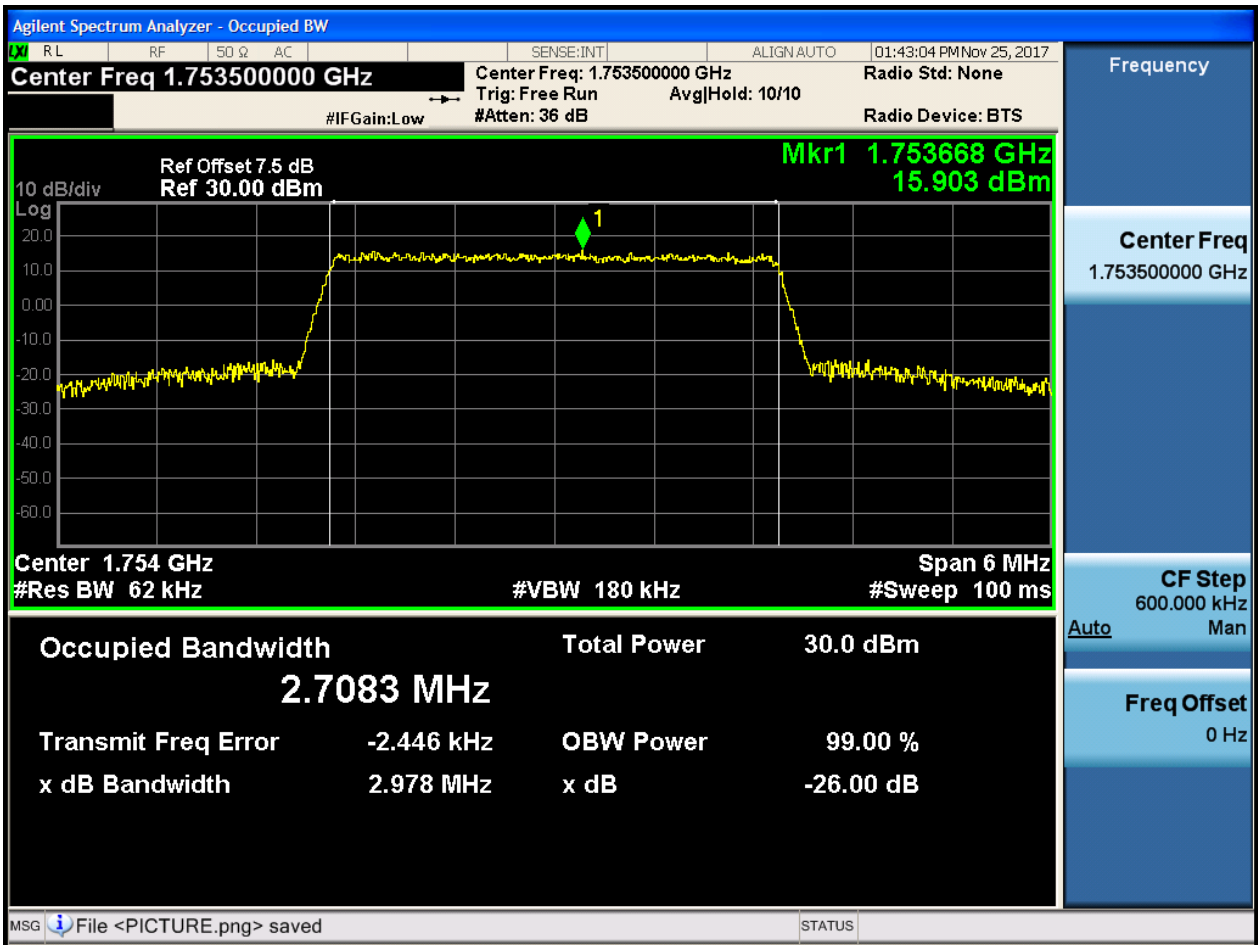
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

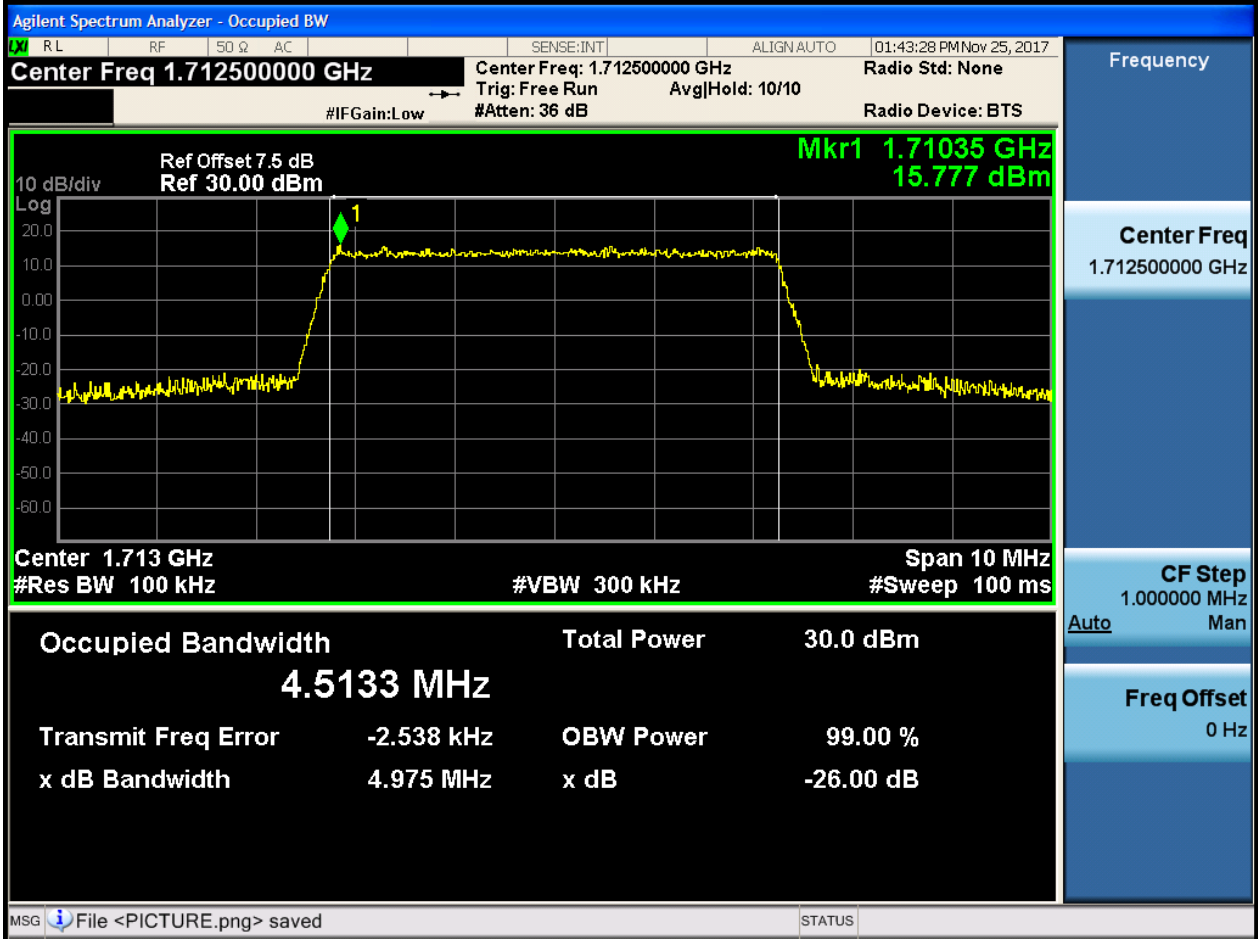




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

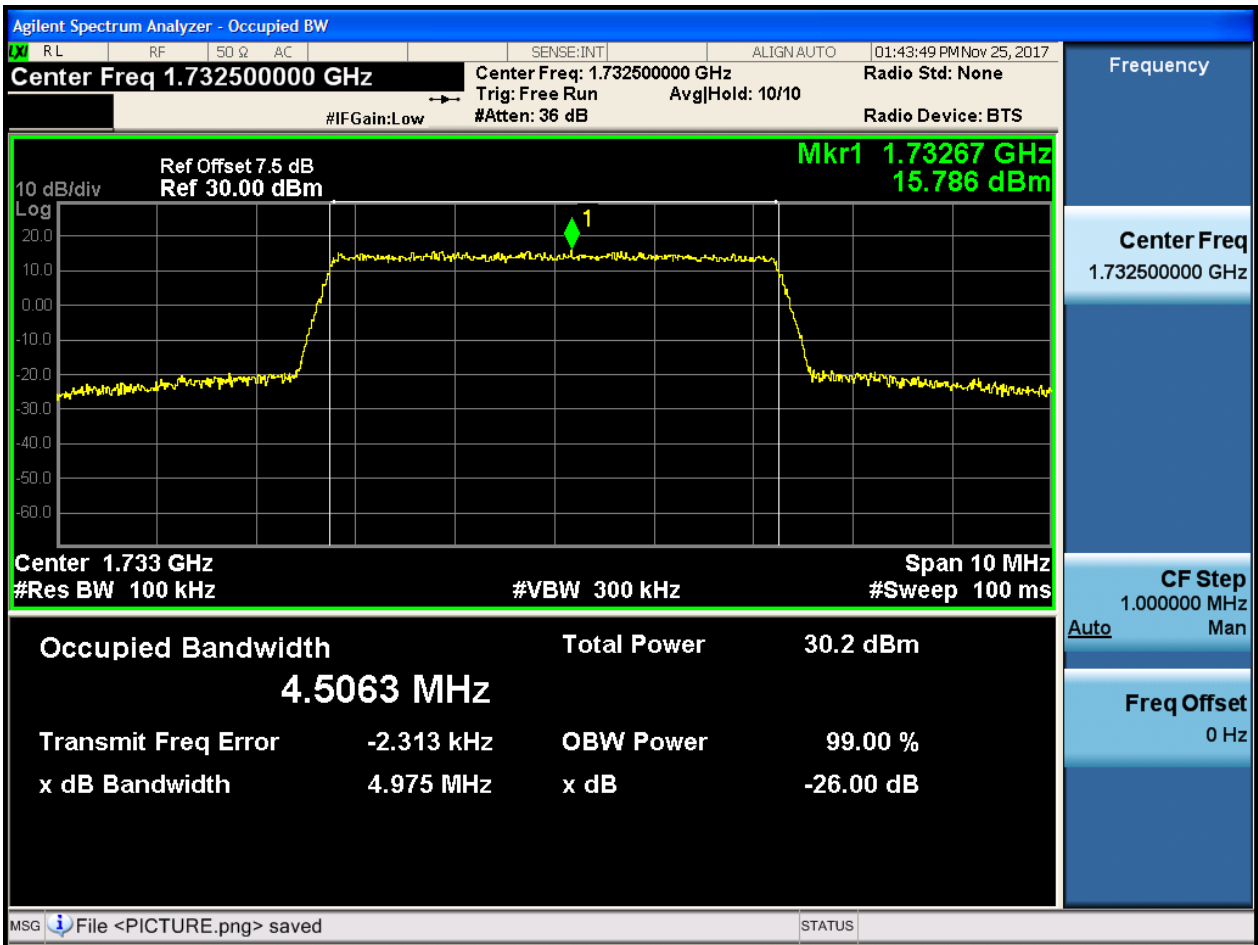
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

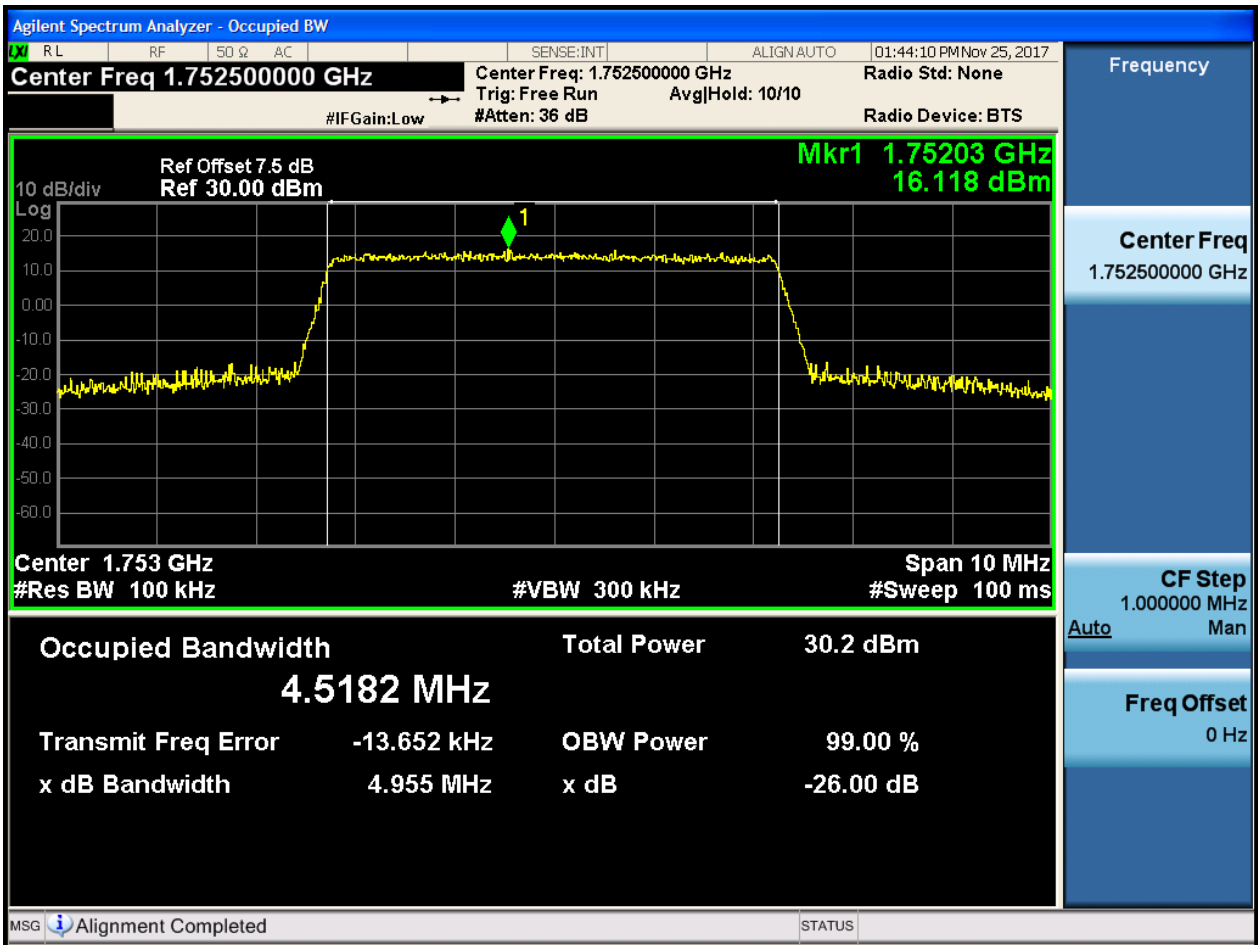
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

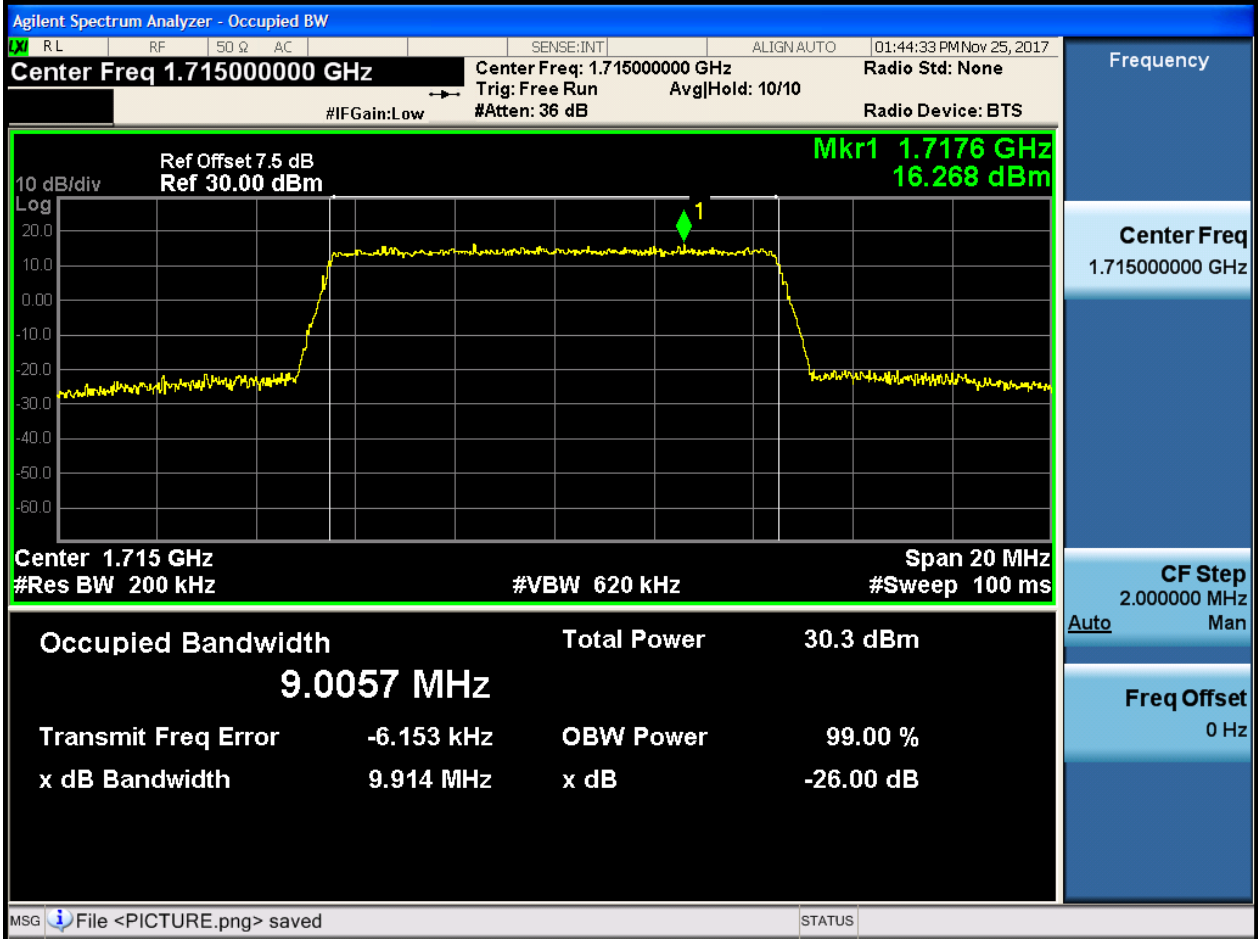




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

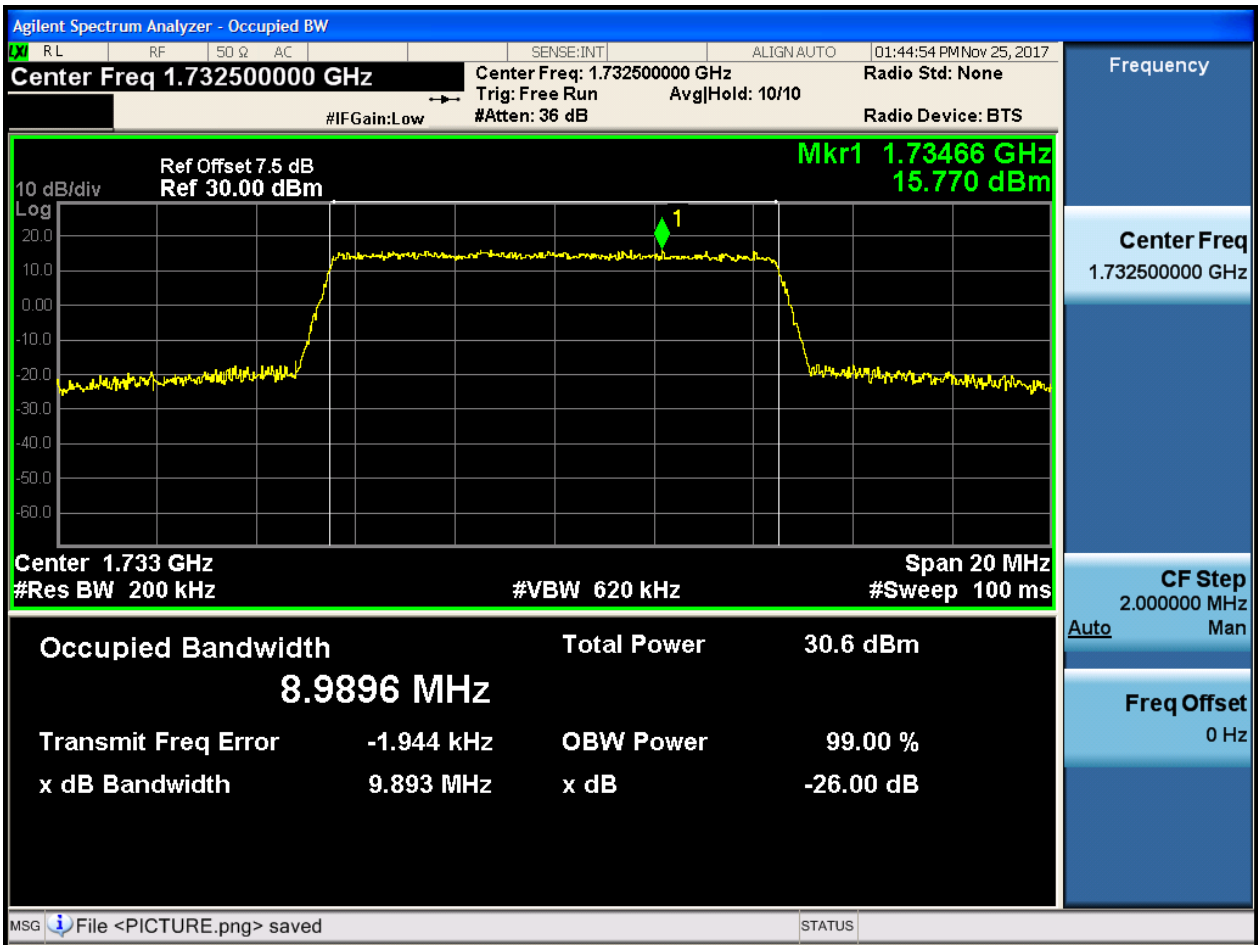
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

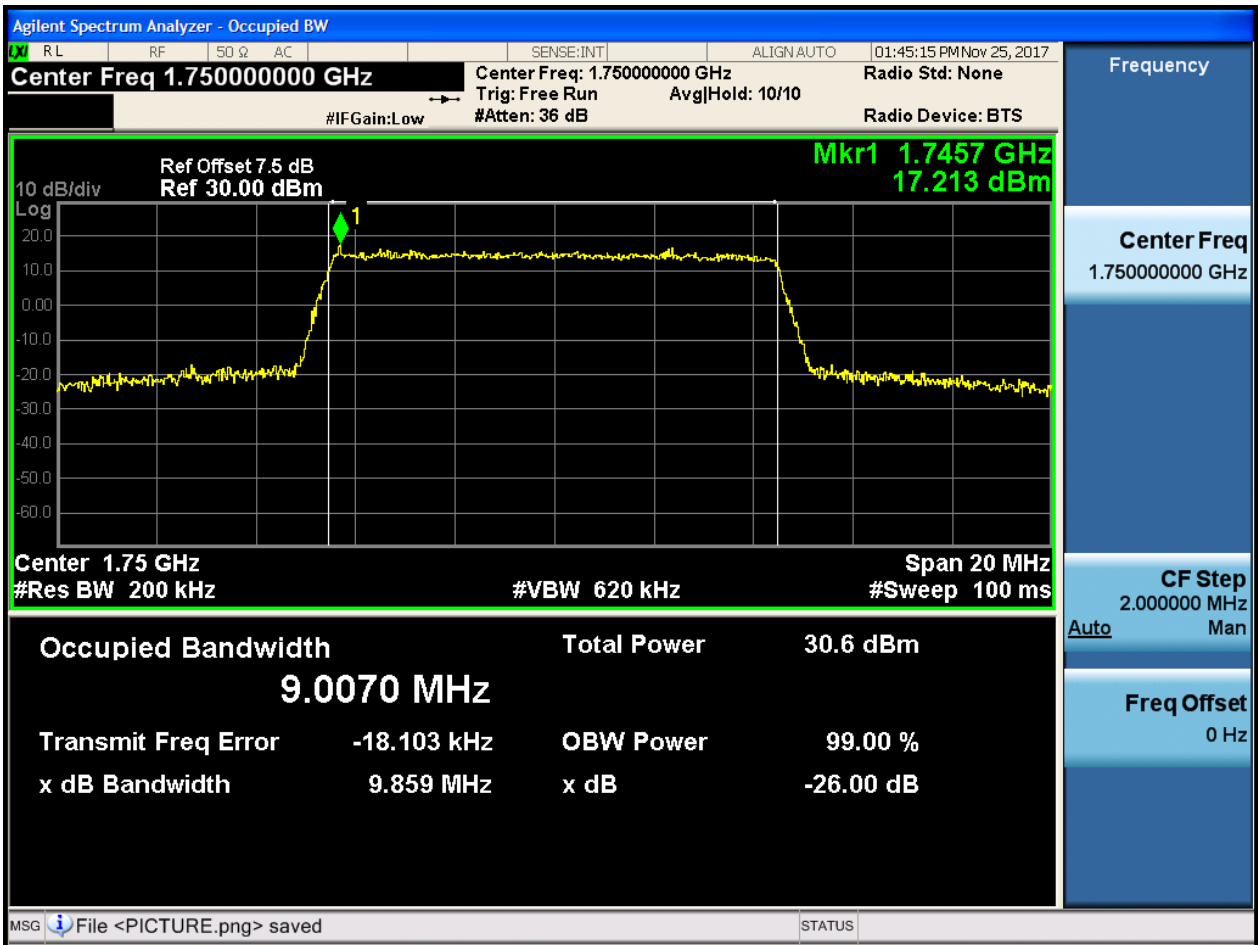
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

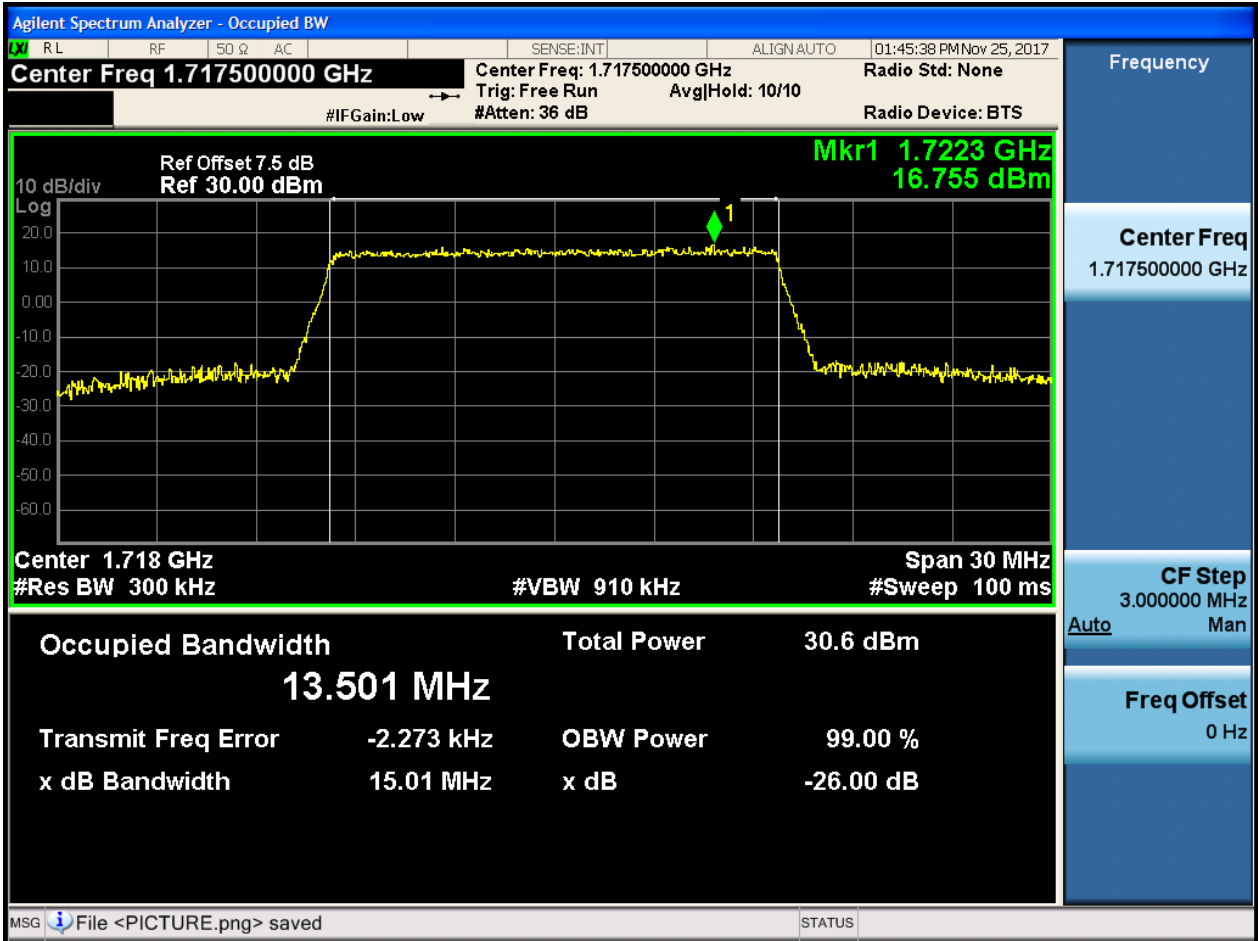




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

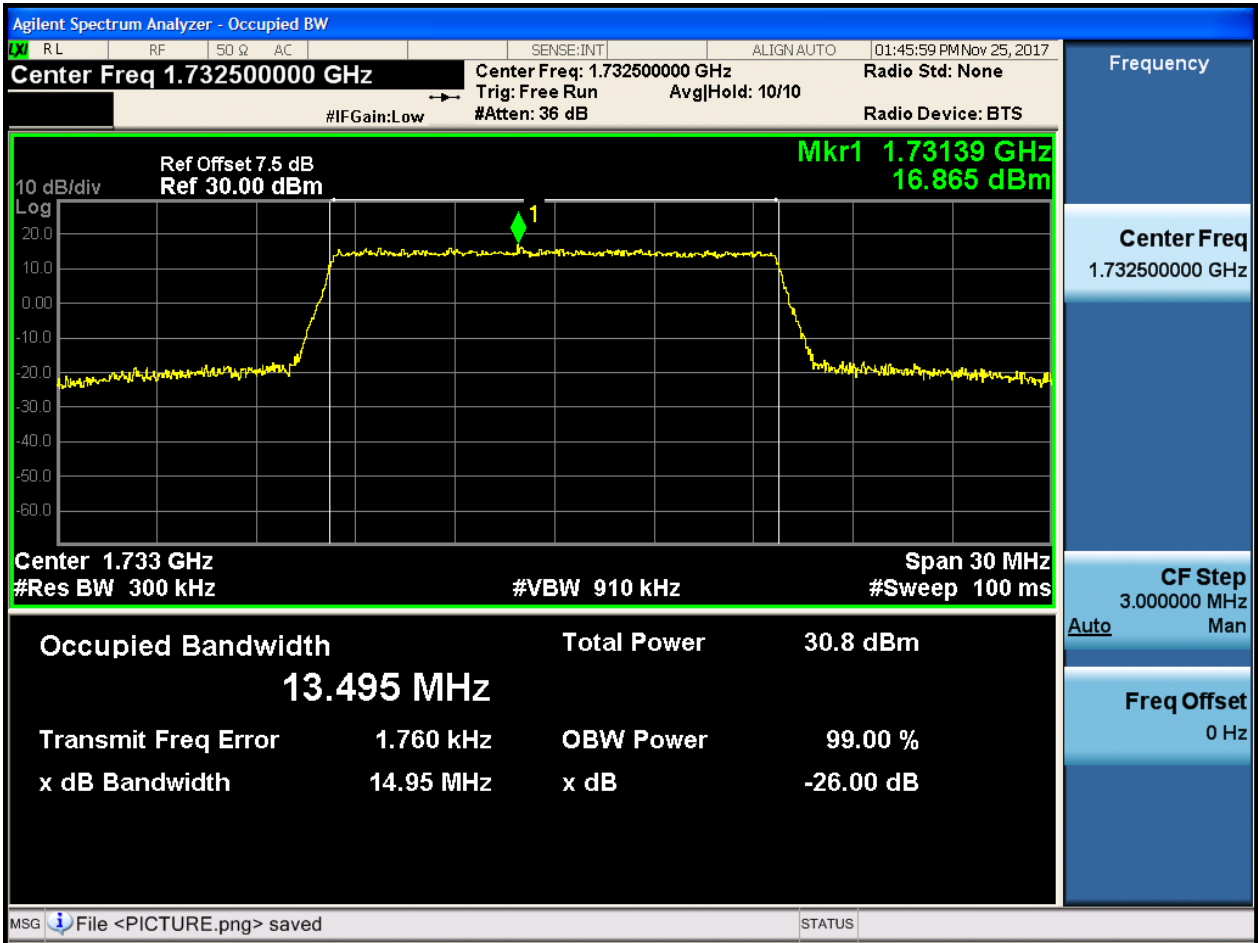
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

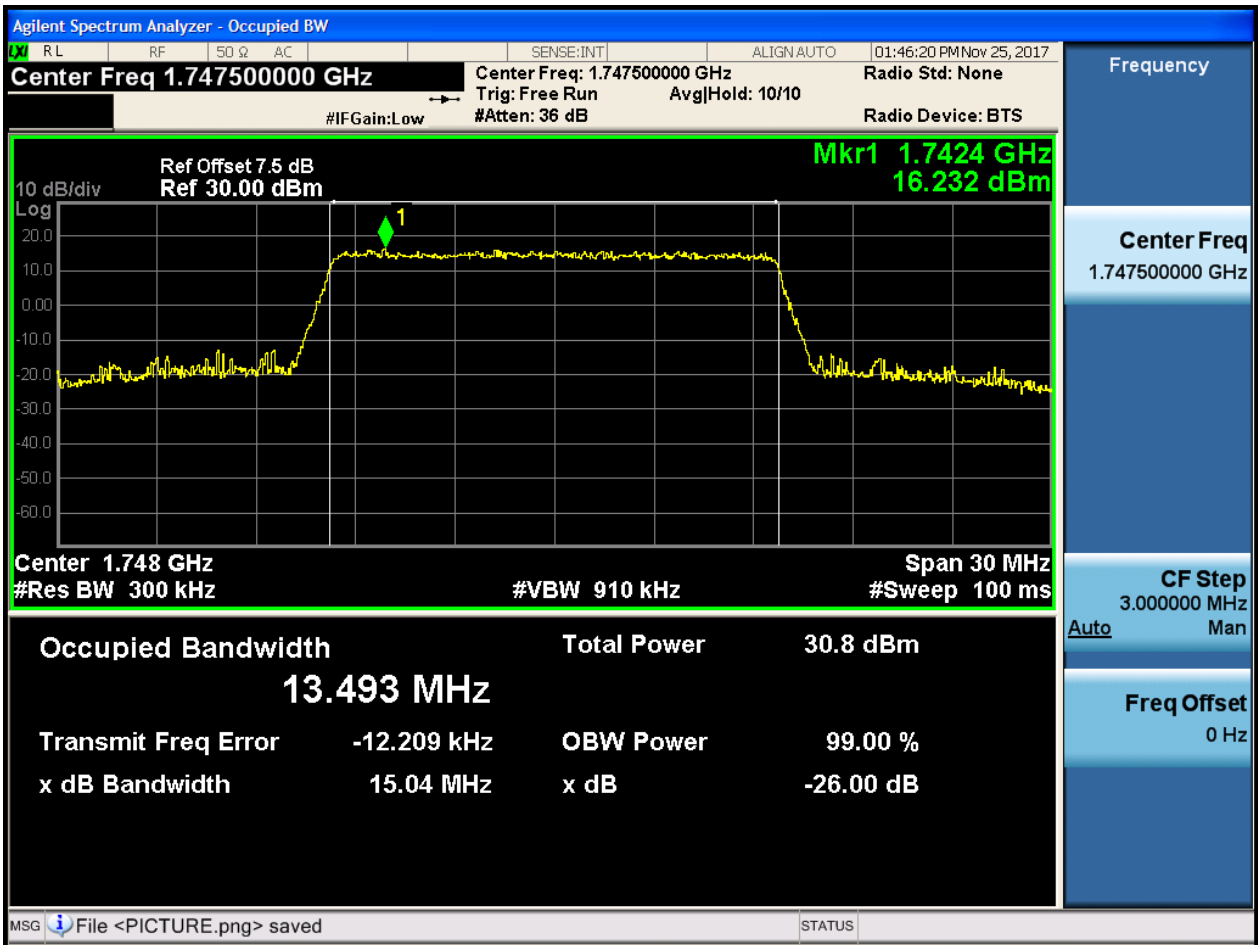
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

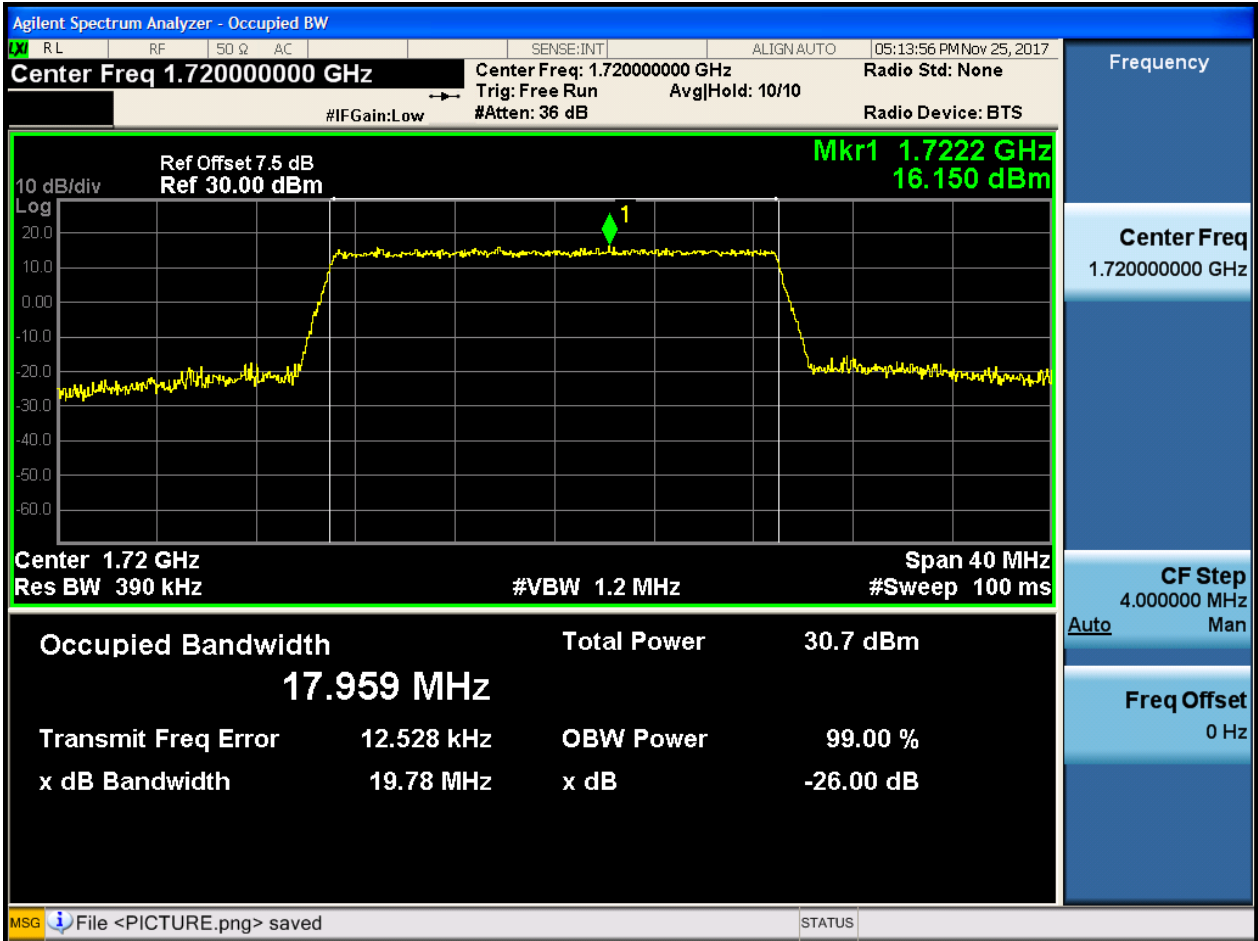




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

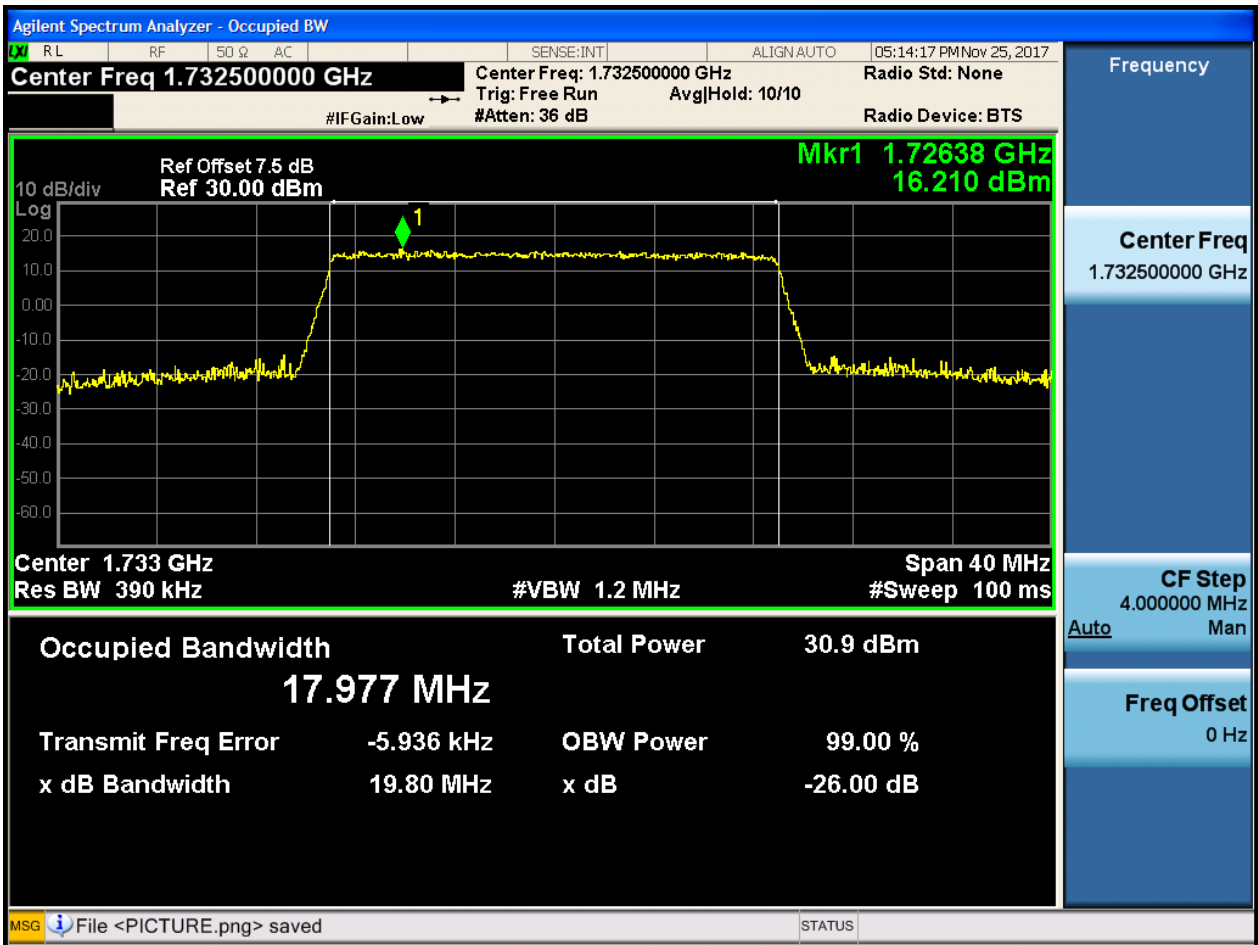
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

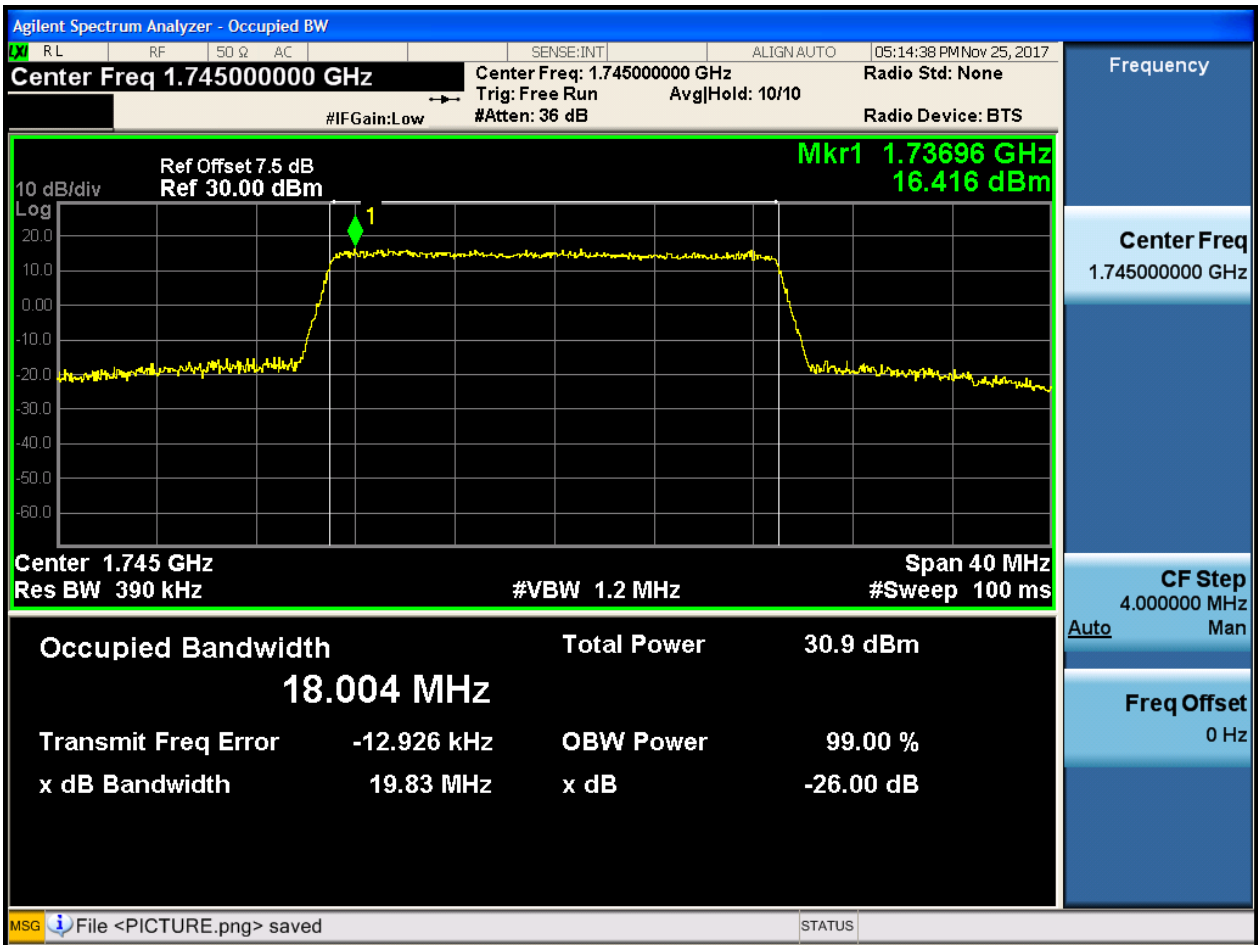
4.1.1.2.6.2.1 Test RB = RB100#0





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

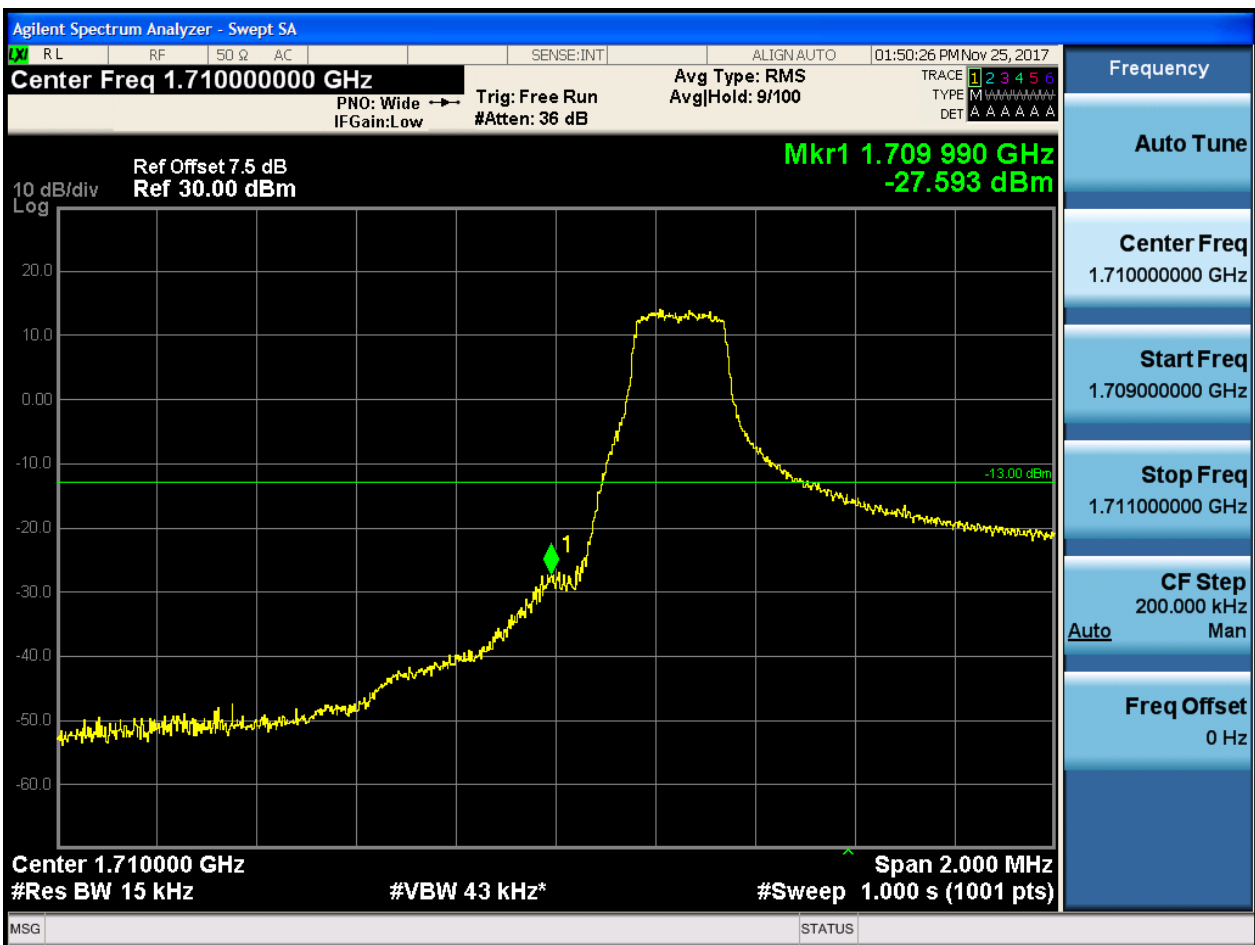
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

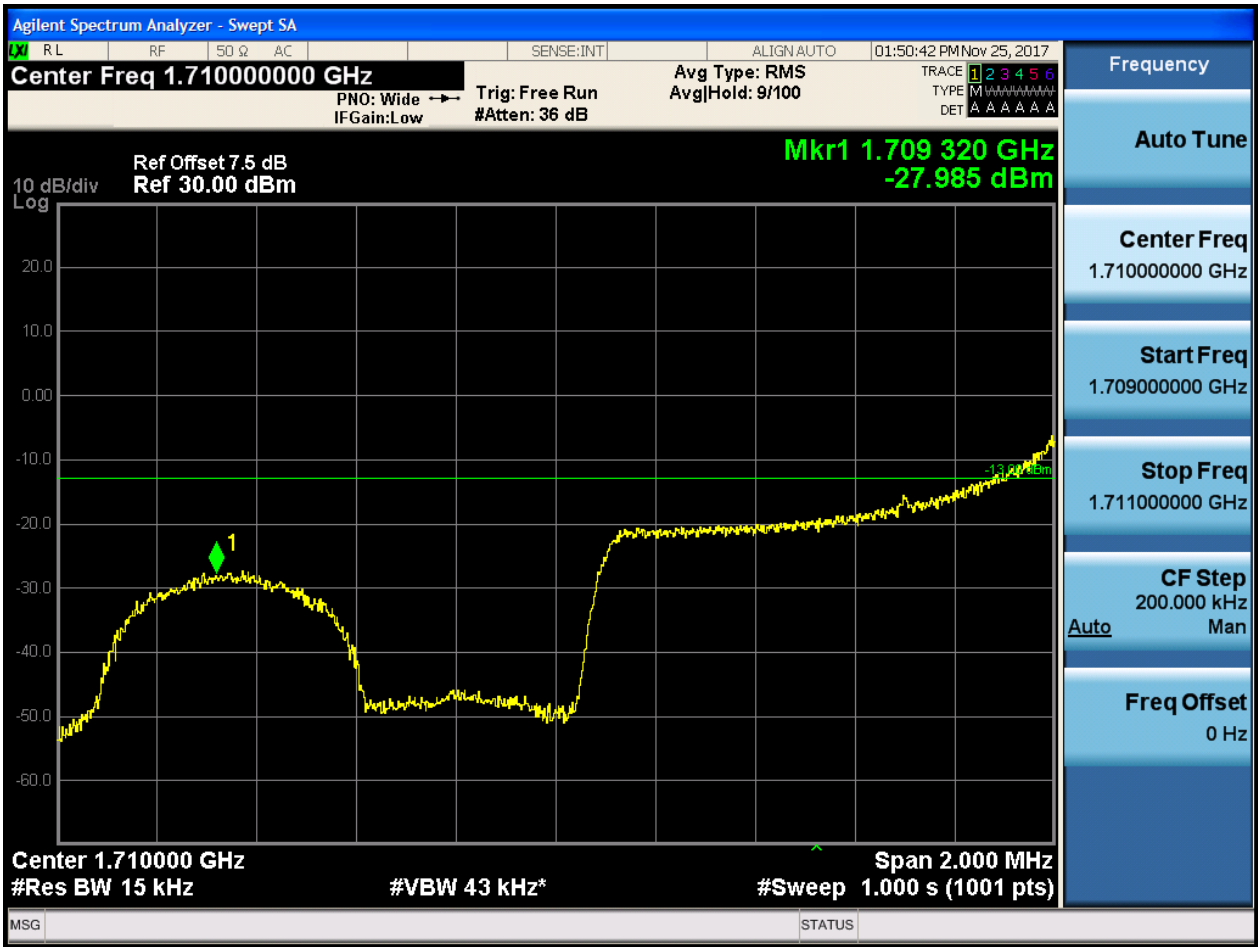
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1 Test RB = RB1#0



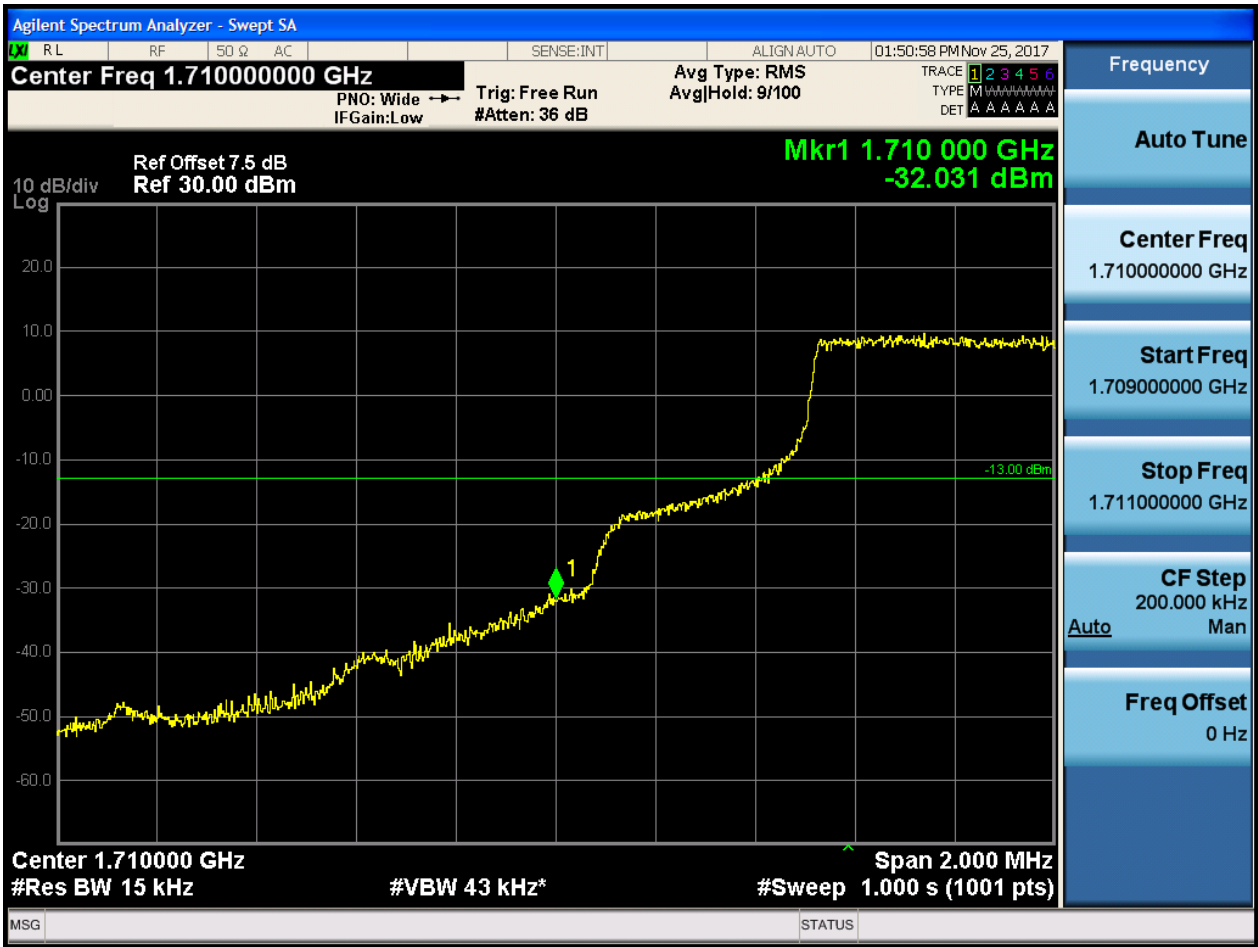


5.1.1.1.1.2 Test RB = RB1#5



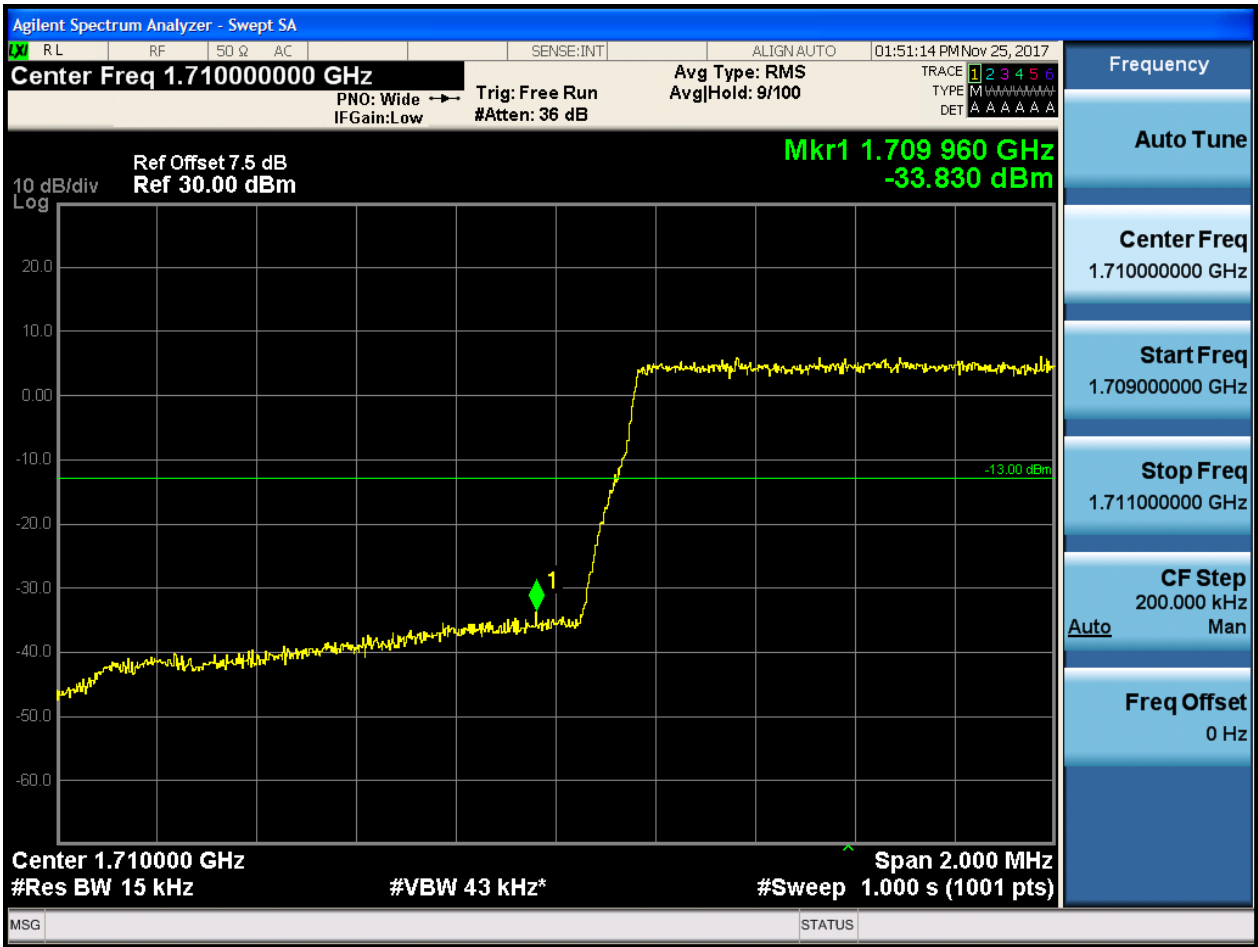


5.1.1.1.1.3 Test RB = RB3#2





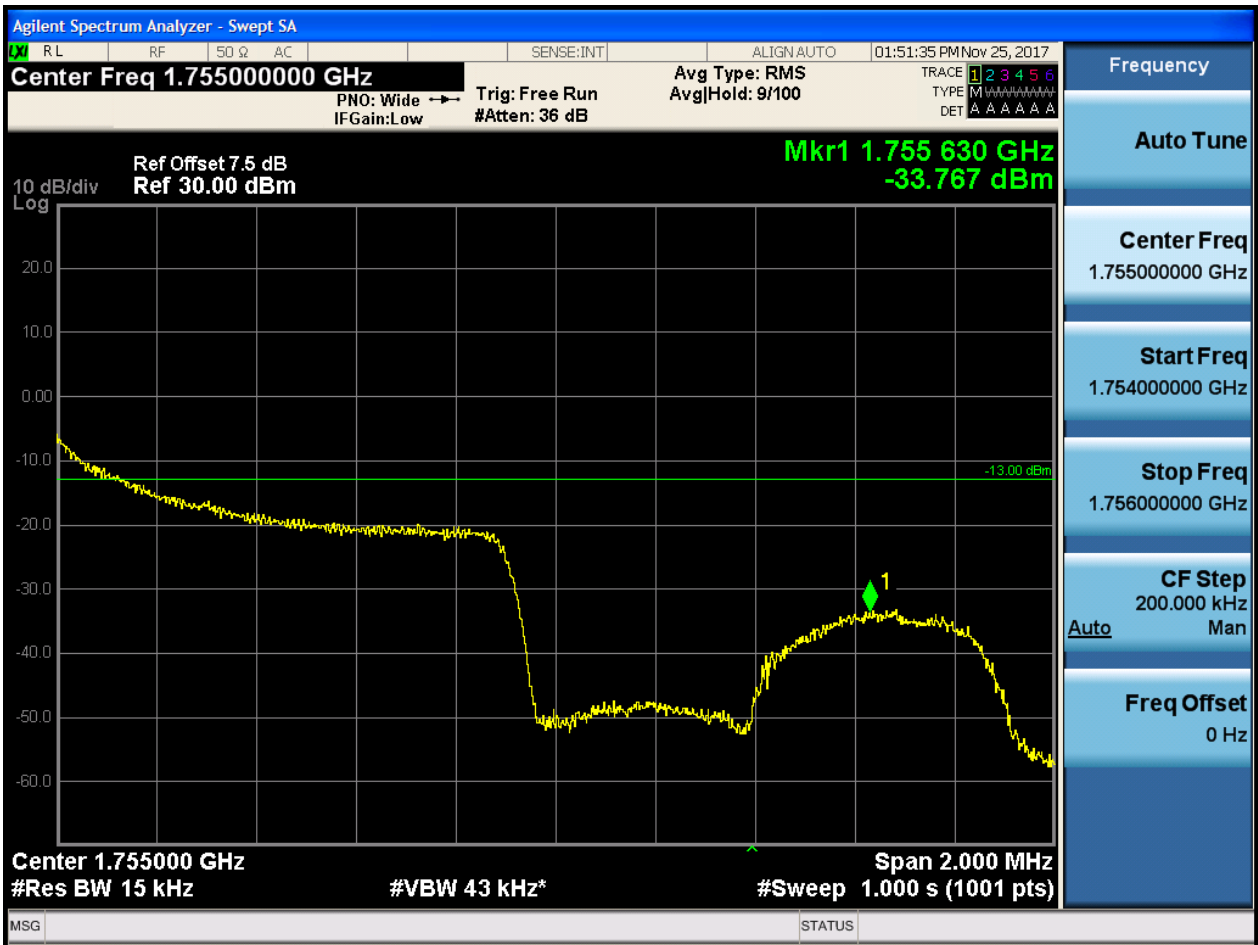
5.1.1.1.1.4 Test RB = RB6#0





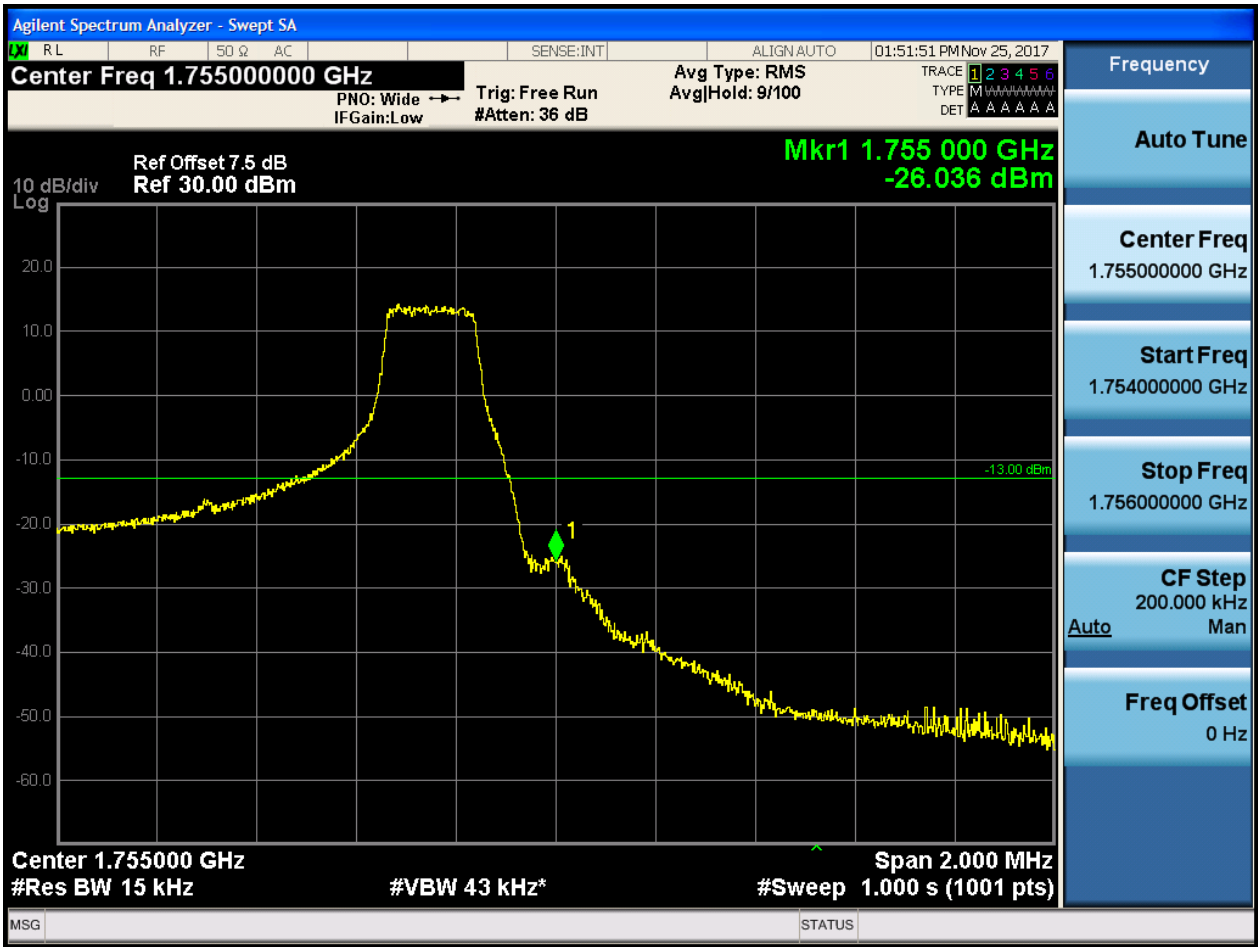
5.1.1.1.1.2 Test Channel = HCH

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

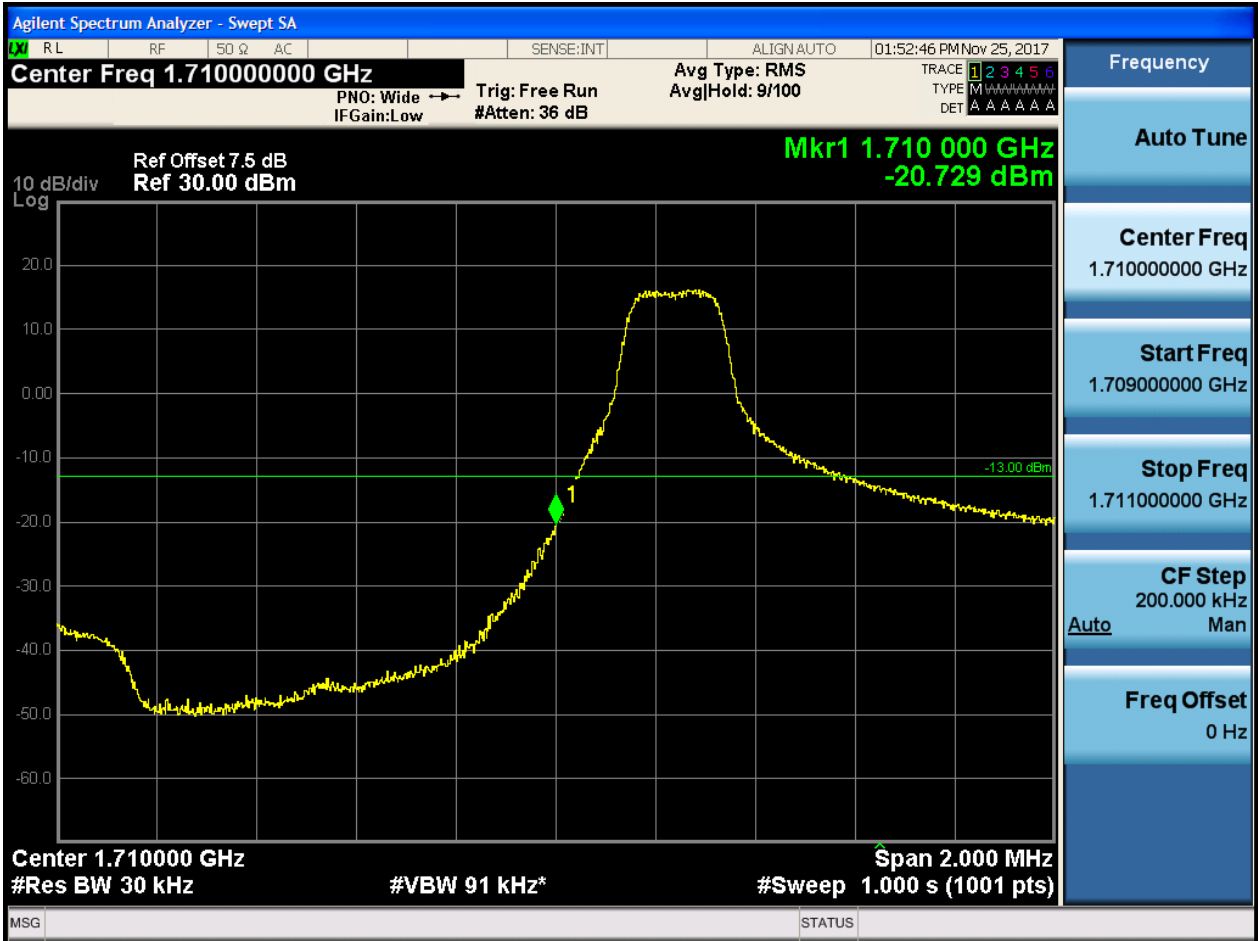




5.1.1.1.2 Test Bandwidth = 3

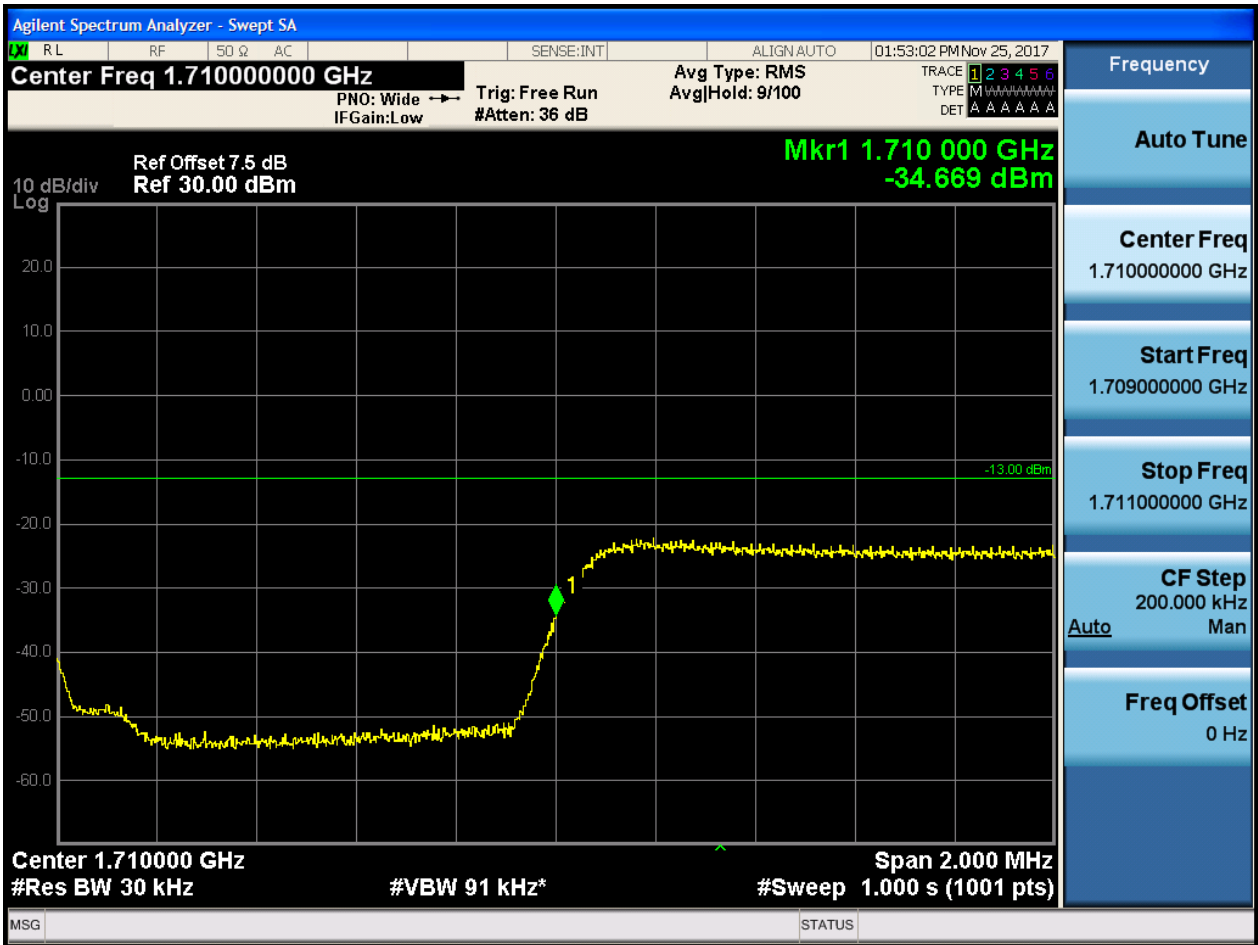
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



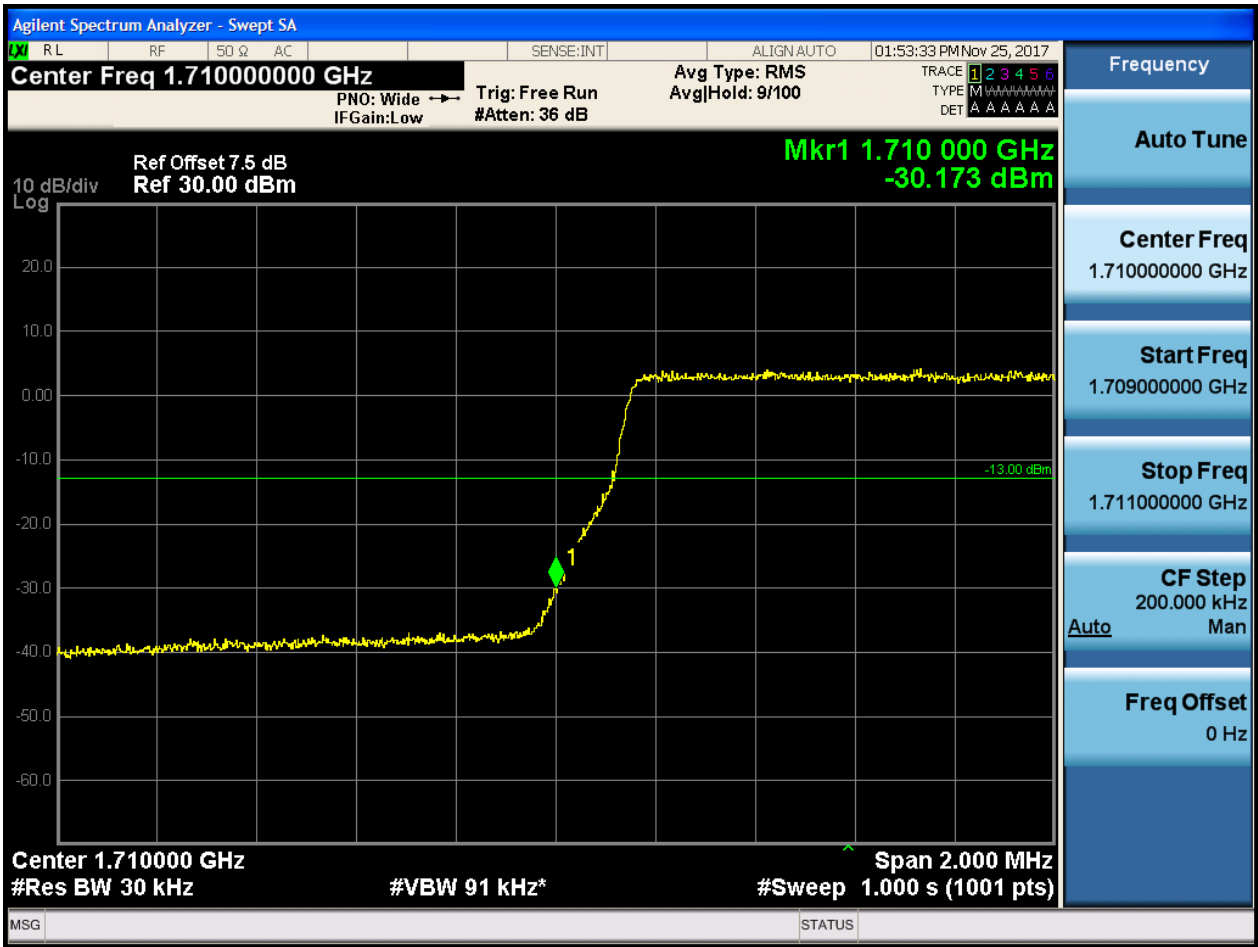


5.1.1.1.2.1.3 Test RB = RB#4





5.1.1.1.2.1.4 Test RB = RB15#0





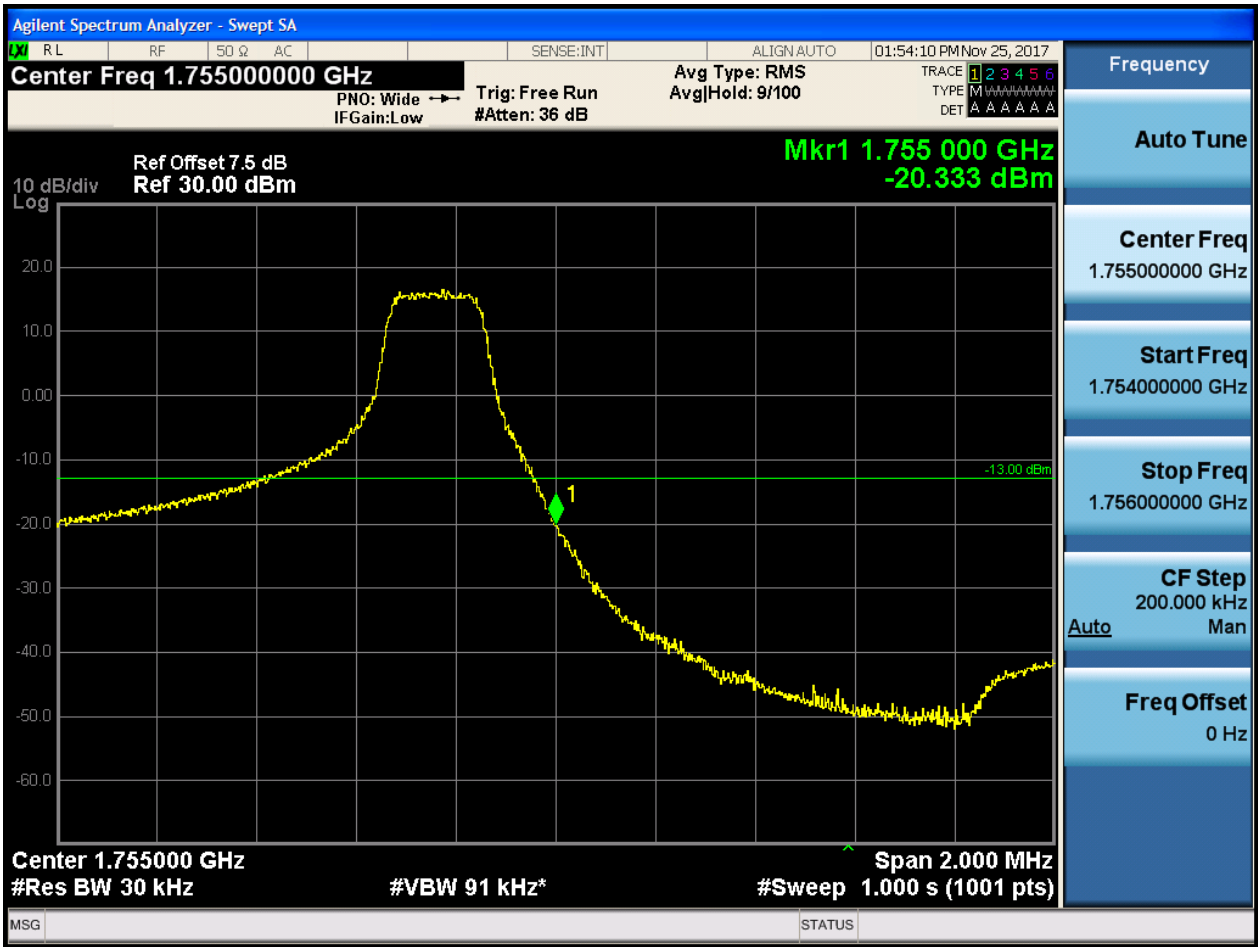
5.1.1.1.2.2 Test Channel = HCH

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

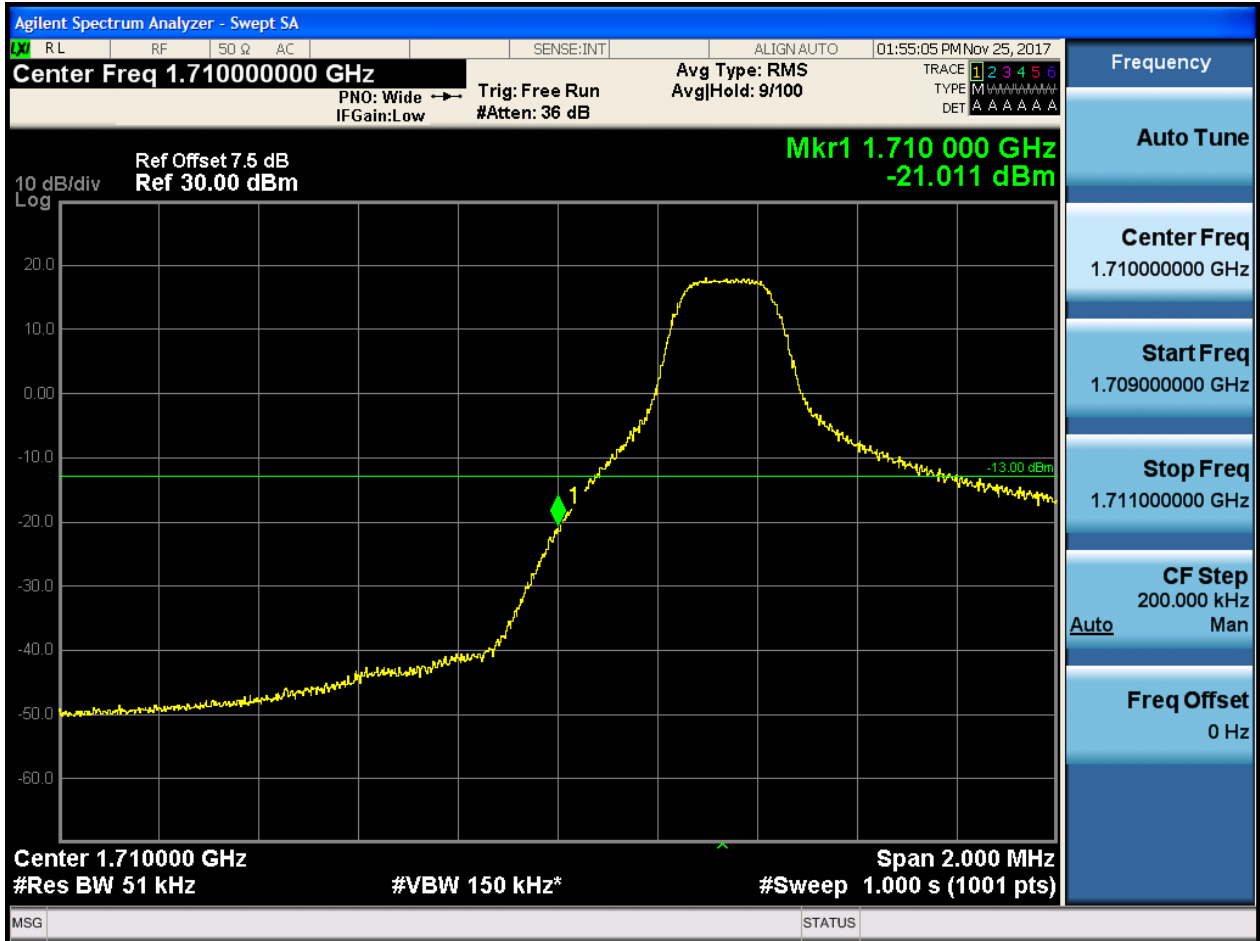




5.1.1.1.3 Test Bandwidth = 5

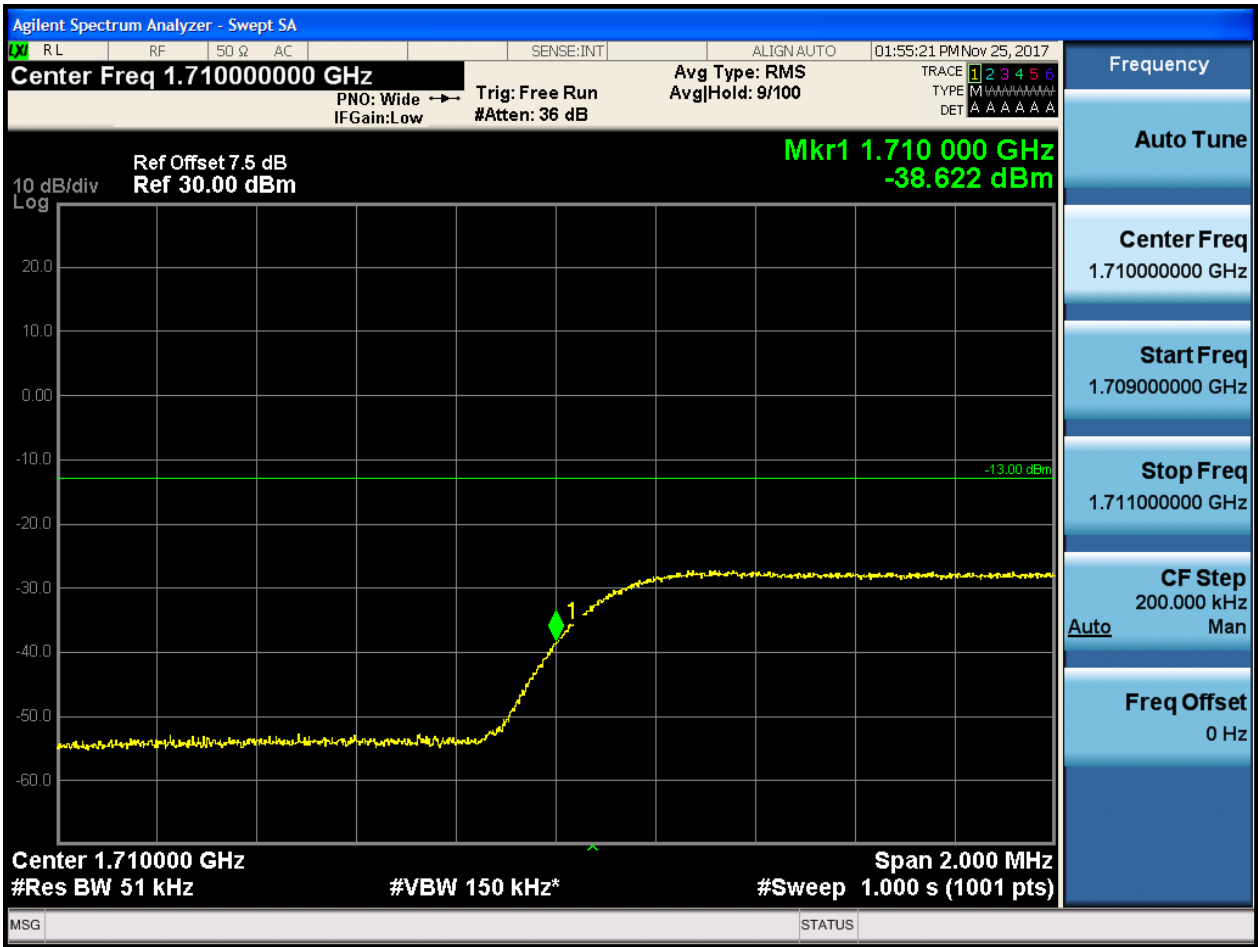
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



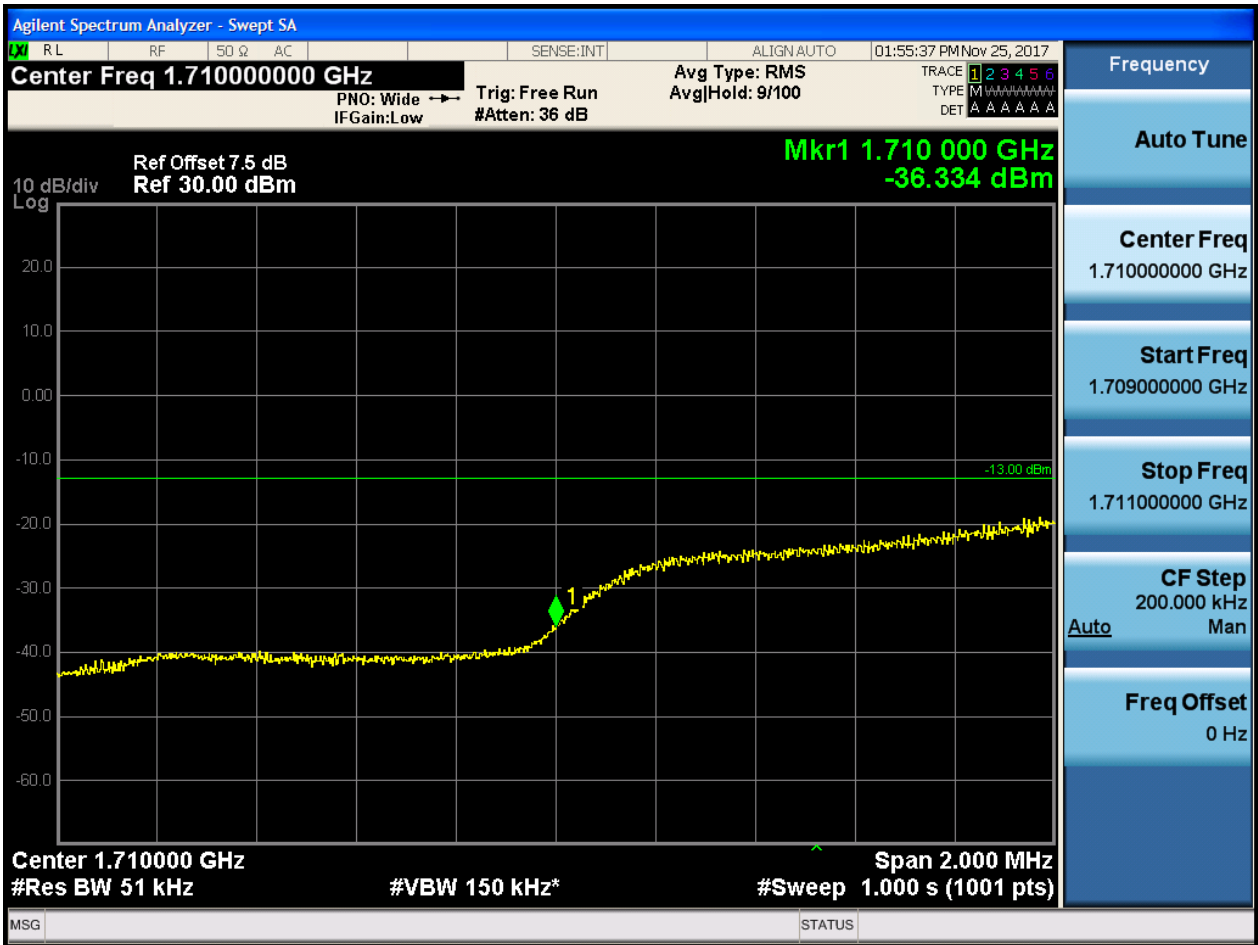


5.1.1.1.3.1.2 Test RB = RB1#24



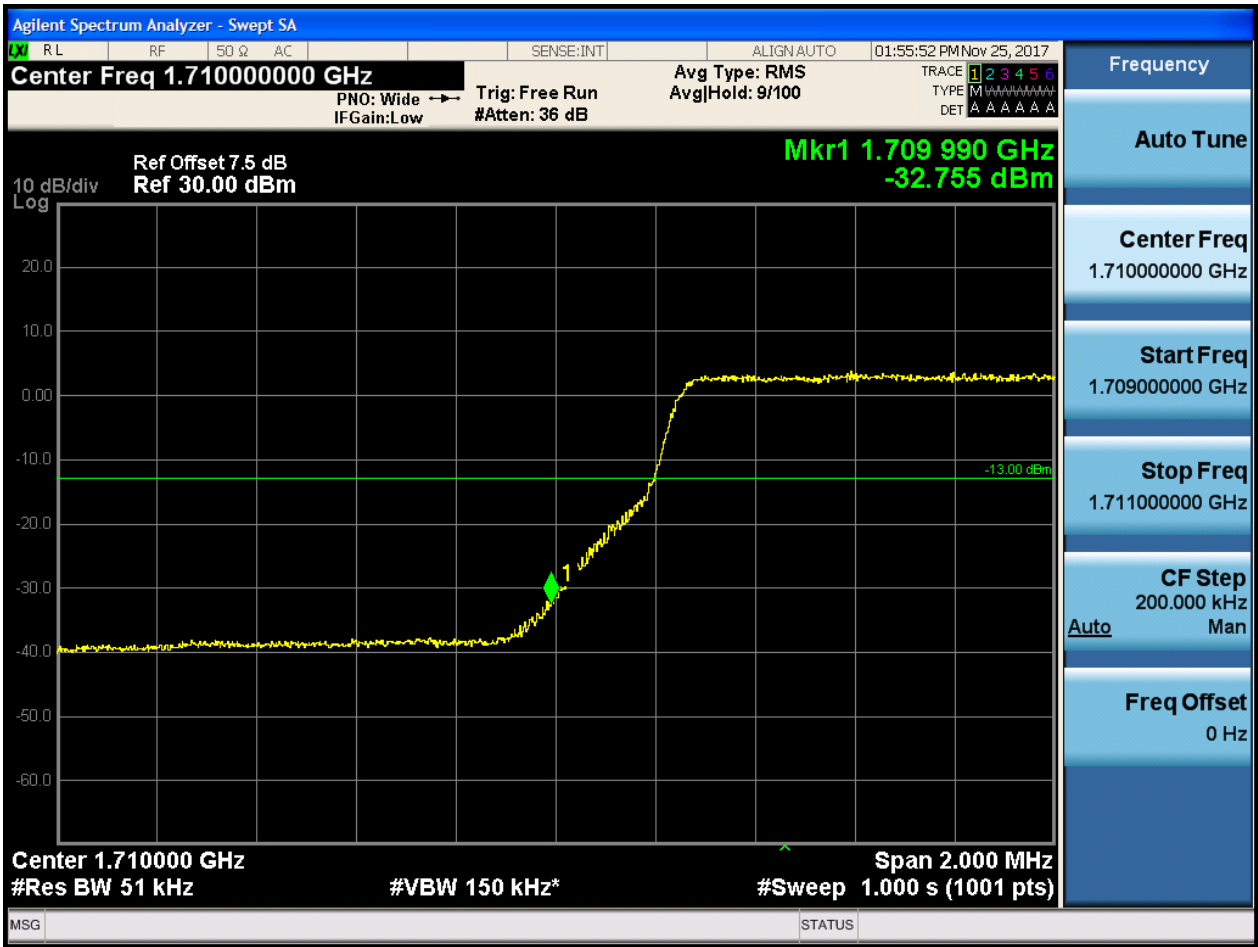


5.1.1.1.3.1.3 Test RB = RB12#6





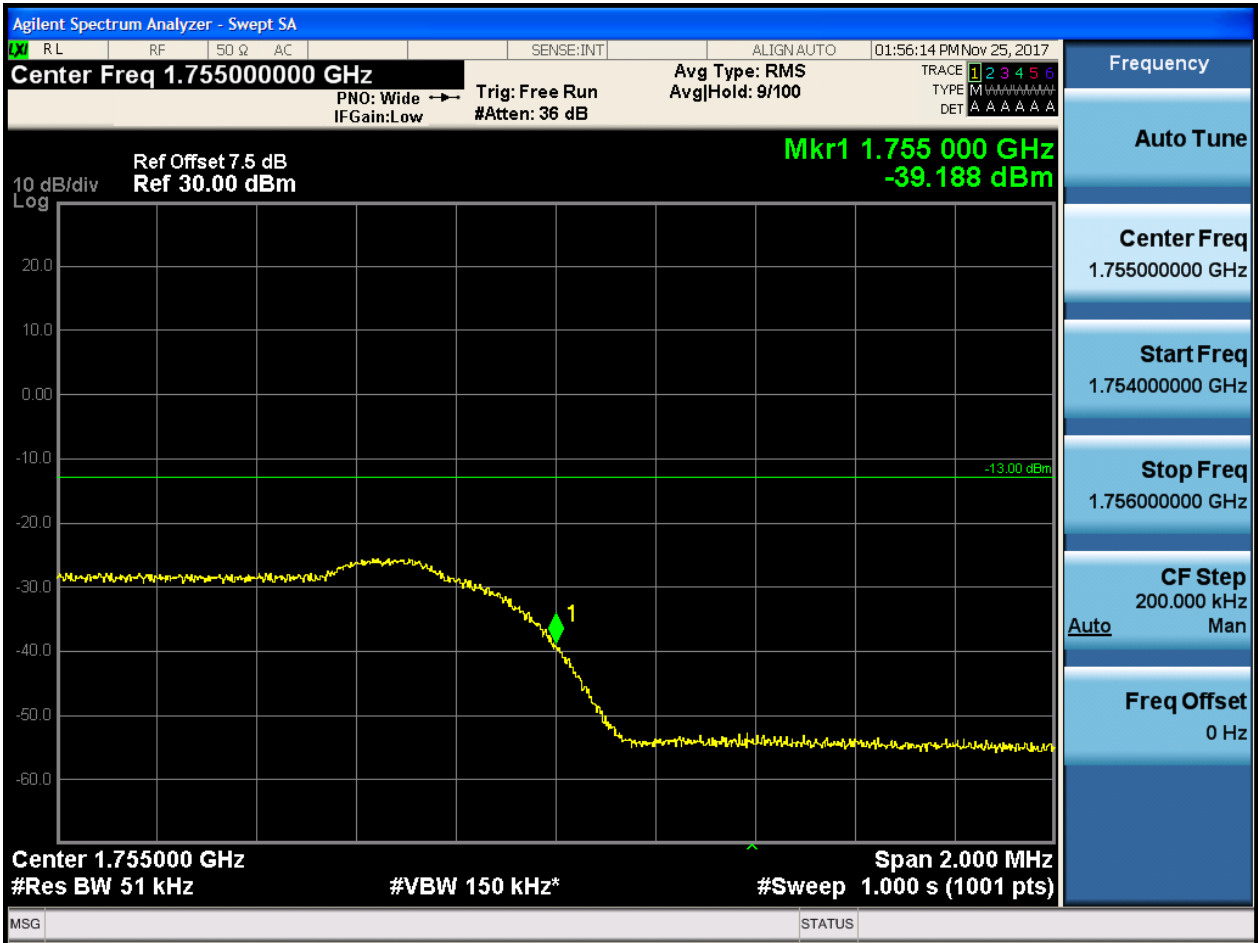
5.1.1.1.3.1.4 Test RB = RB25#0





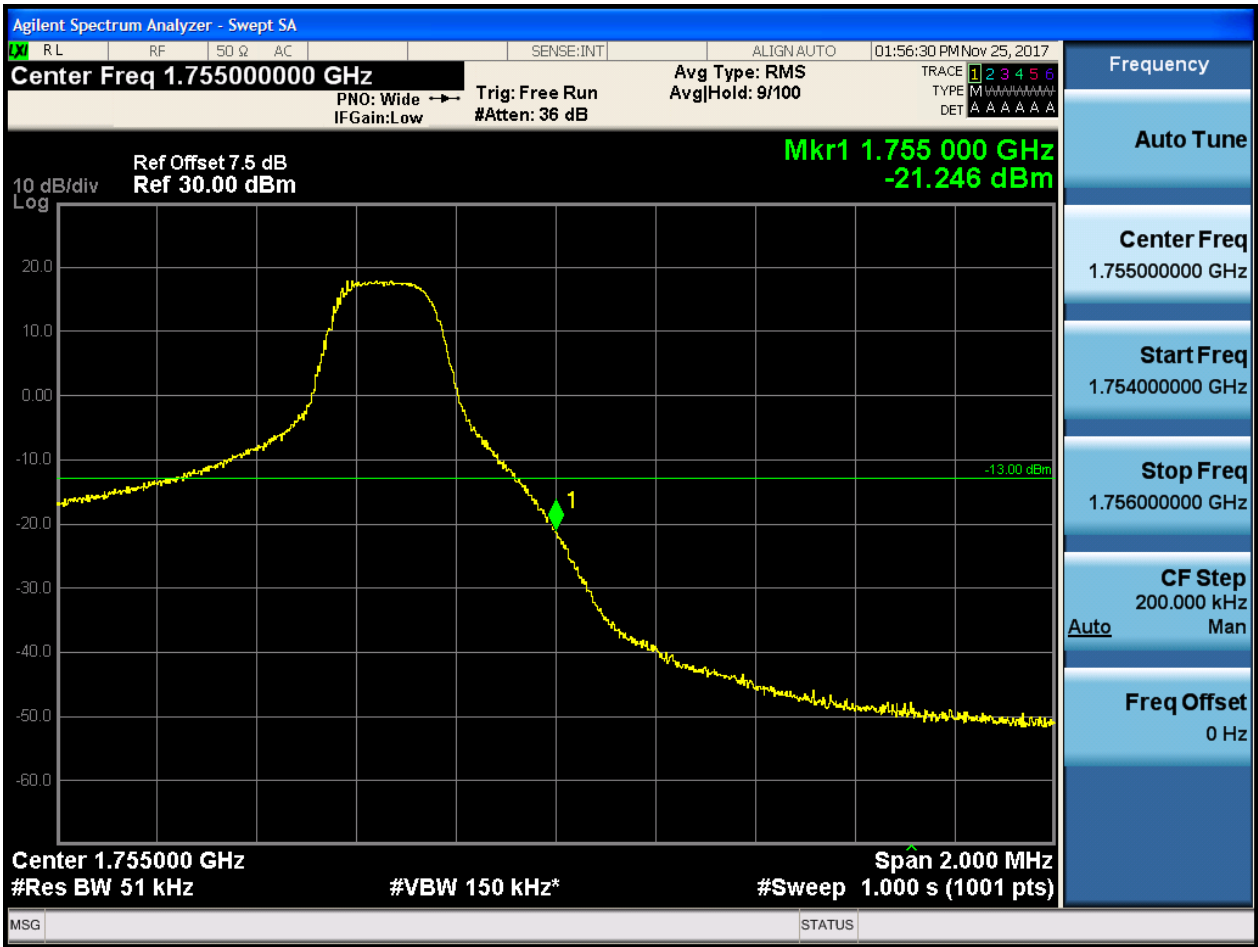
5.1.1.1.3.2 Test Channel = HCH

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

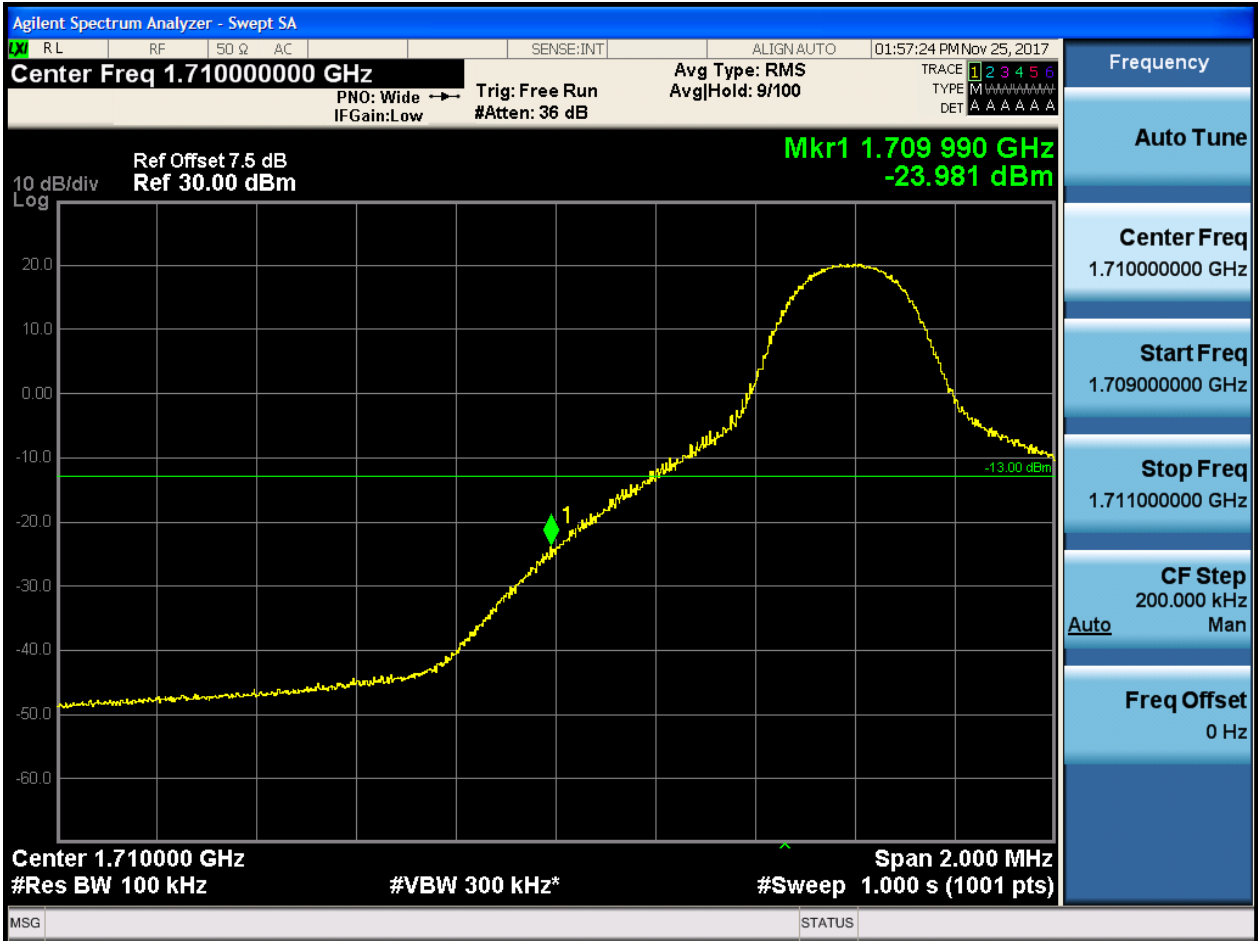




5.1.1.1.4 Test Bandwidth = 10

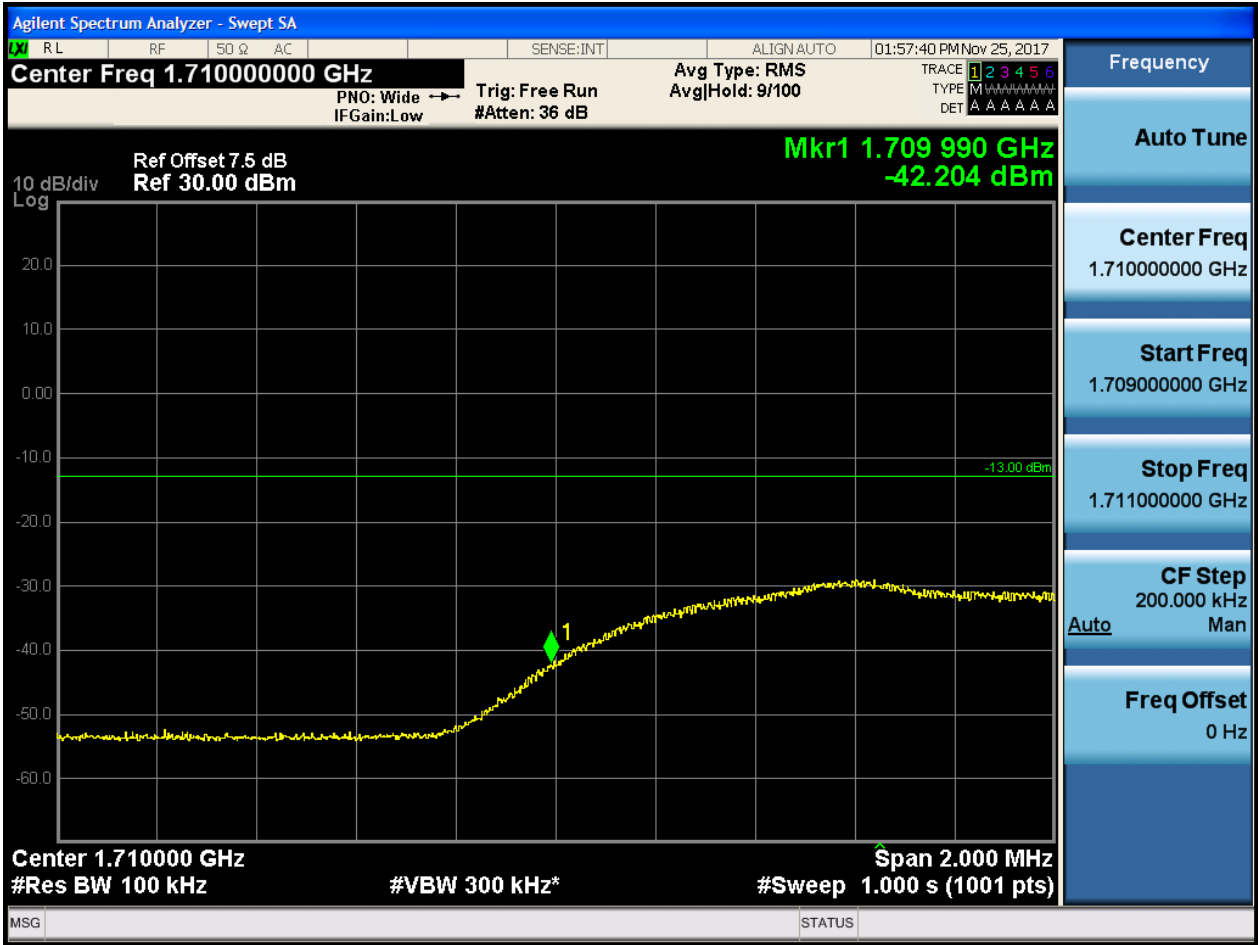
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



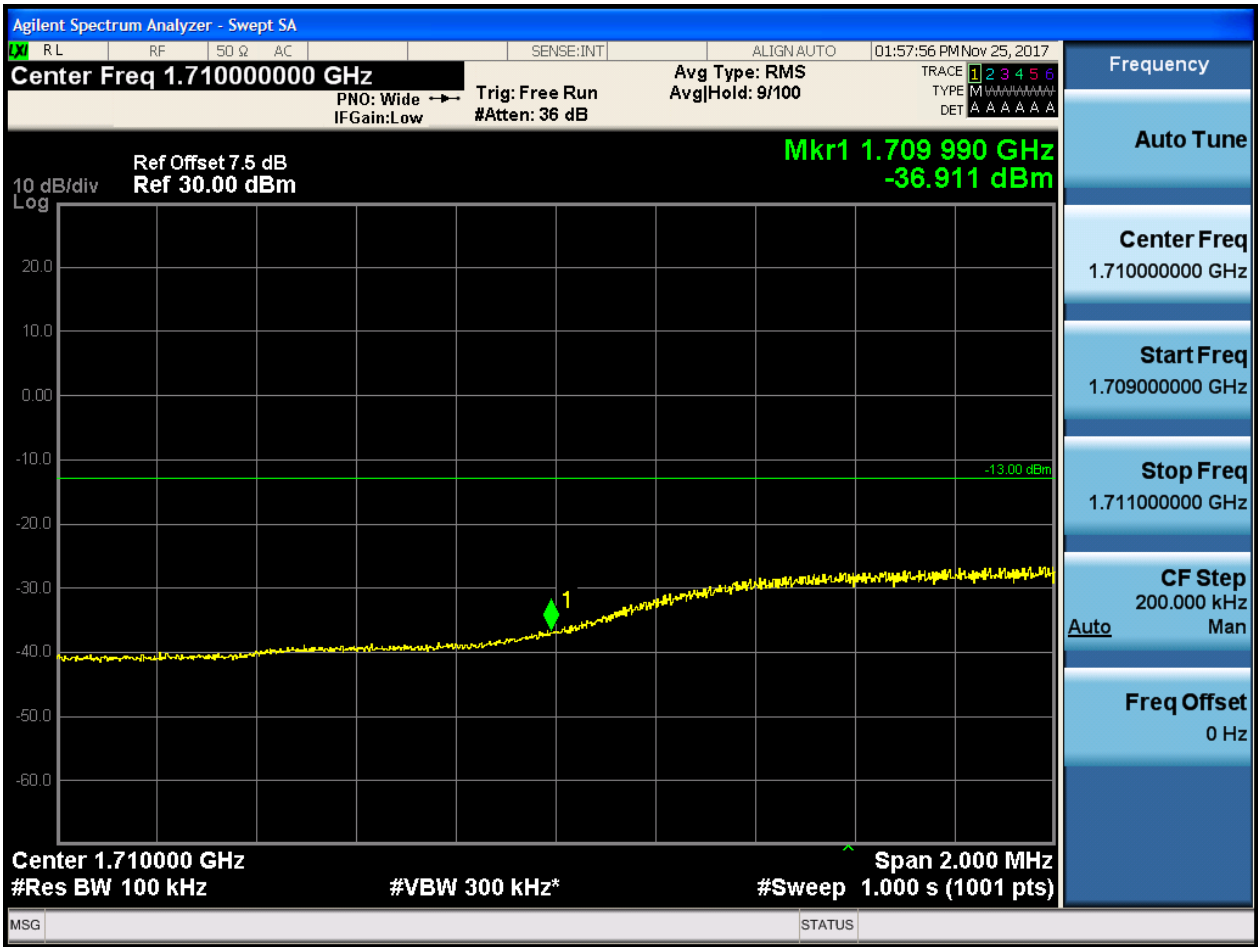


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





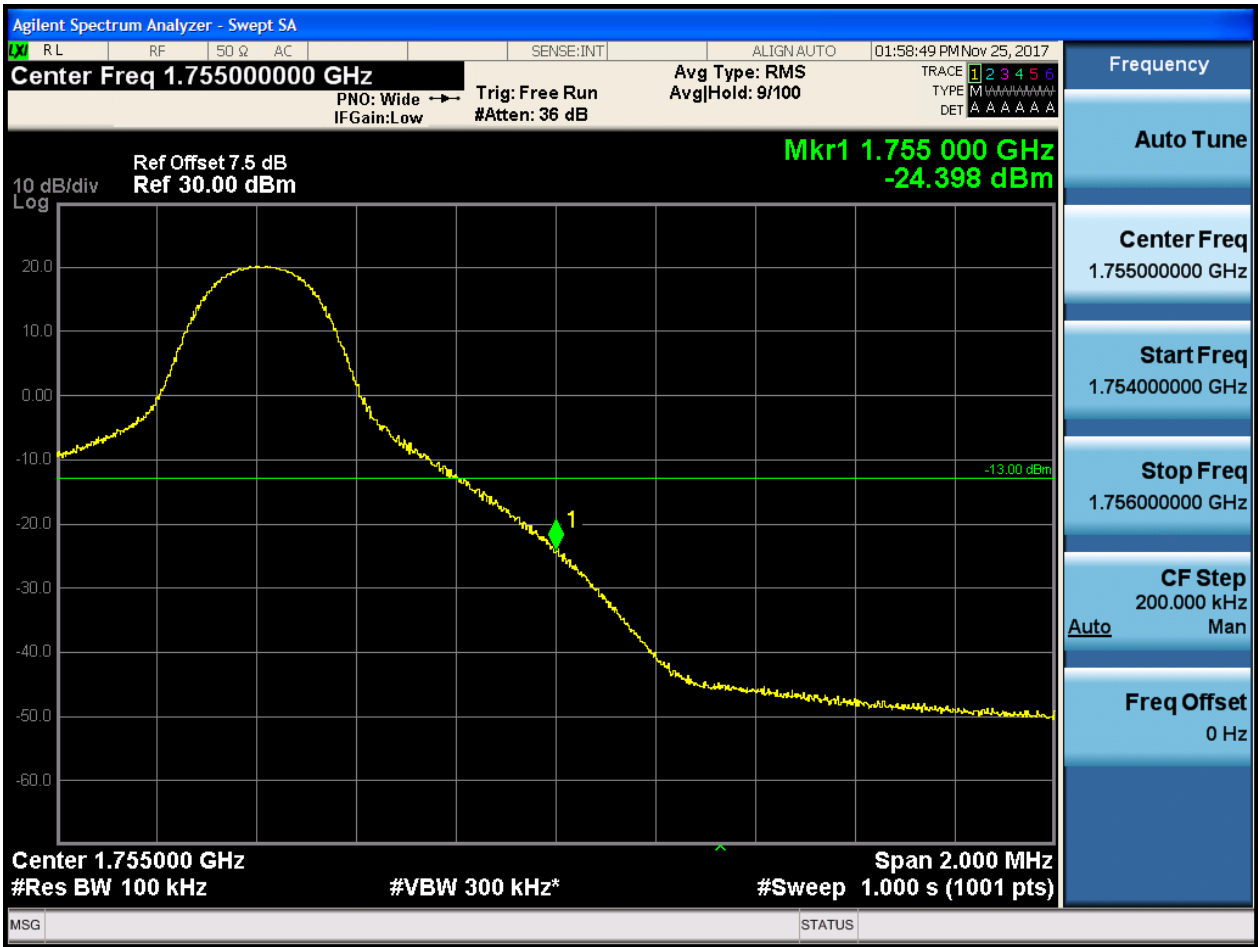
5.1.1.1.4.2 Test Channel = HCH

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

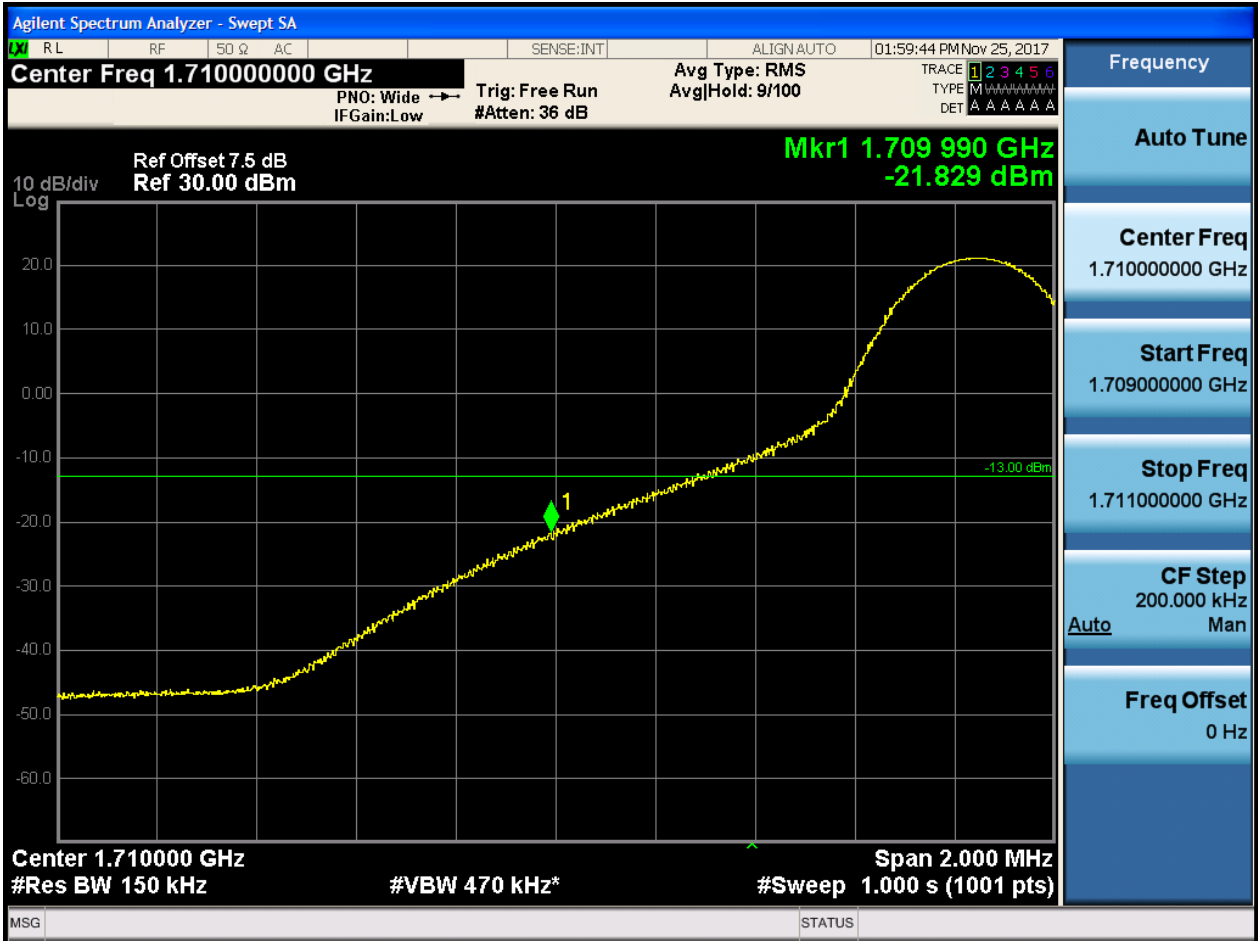




5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



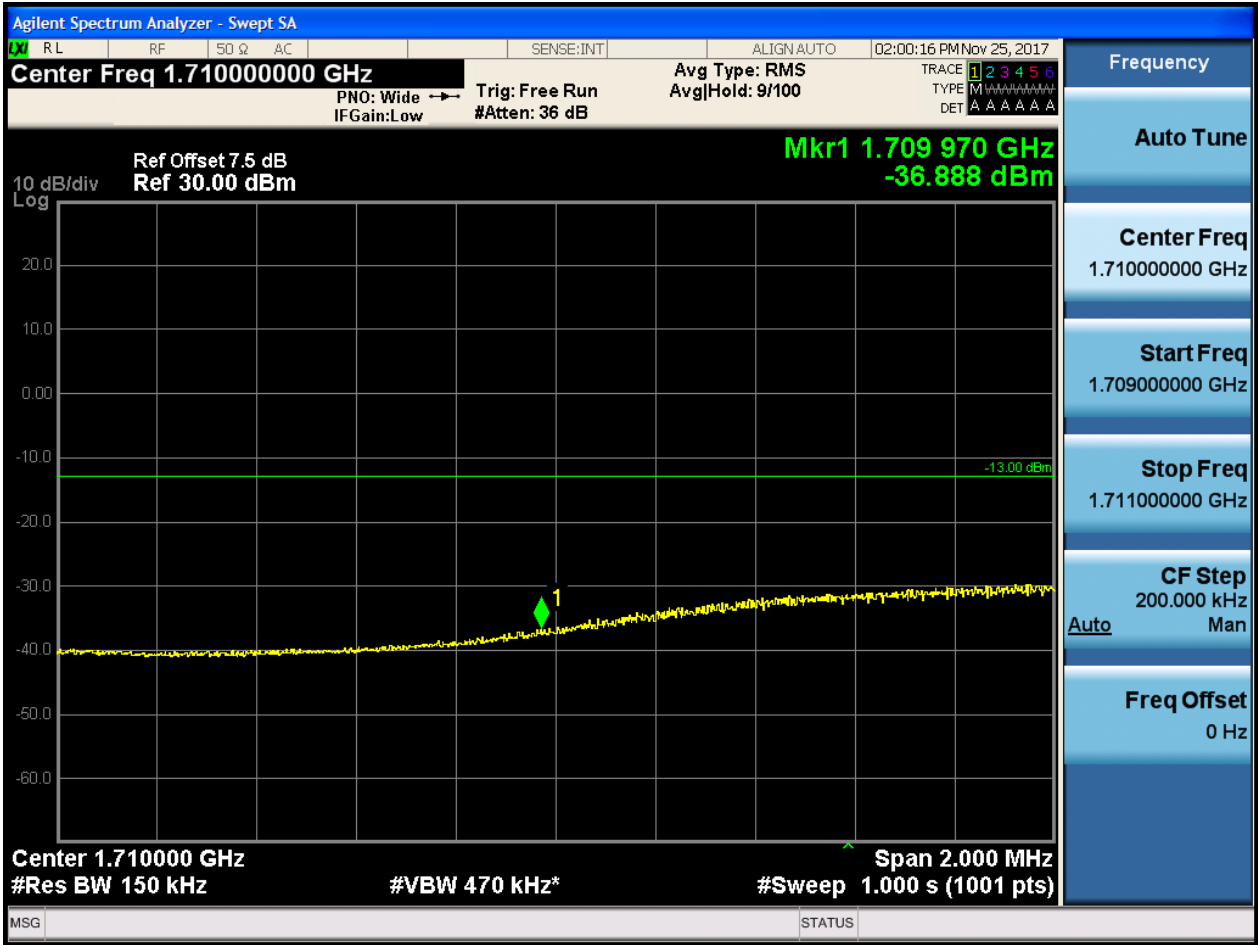


5.1.1.1.5.1.2 Test RB = RB1#74



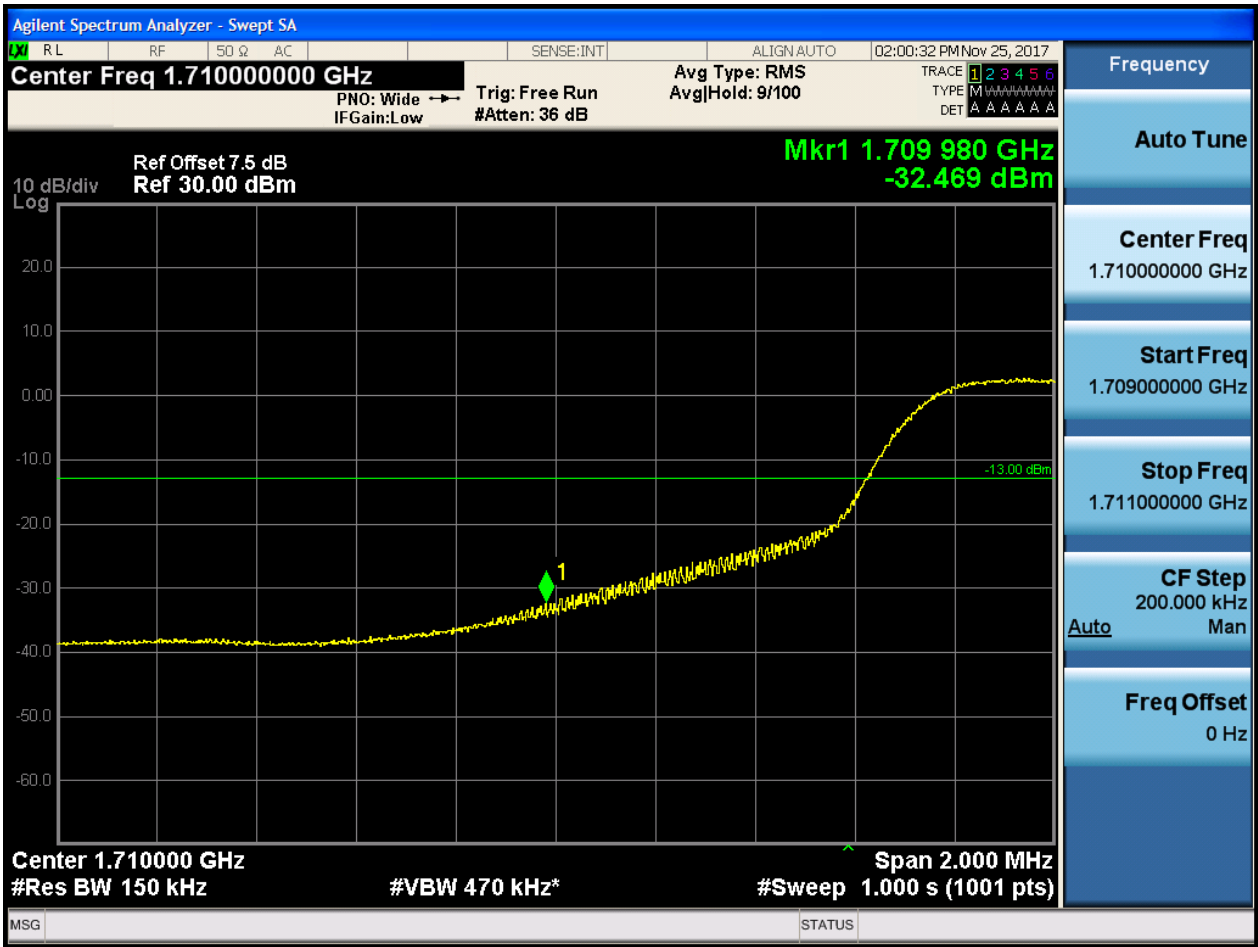


5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



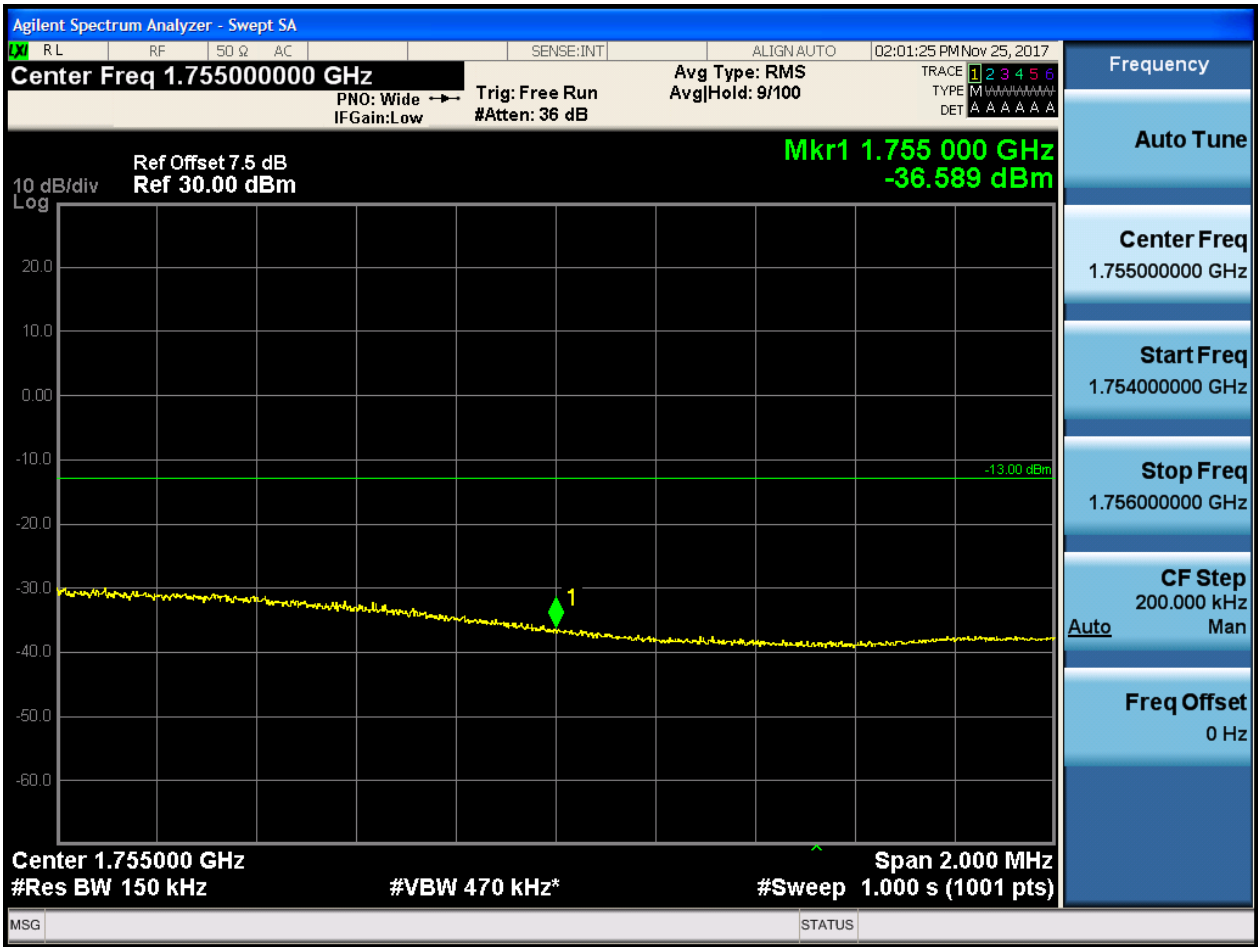


5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

