



Appendix for test report

1 Appendix_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	22.97	23.69	30	PASS
				RB1#3	22.55	23.27	30	PASS
				RB1#5	22.96	23.68	30	PASS
				RB3#0	22.6	23.32	30	PASS
				RB3#2	22.57	23.29	30	PASS
				RB3#3	22.81	23.53	30	PASS
				RB6#0	21.85	22.57	30	PASS
			MCH	RB1#0	22.86	23.58	30	PASS
				RB1#3	22.46	23.18	30	PASS
				RB1#5	22.96	23.68	30	PASS
				RB3#0	22.72	23.44	30	PASS
				RB3#2	22.51	23.23	30	PASS
				RB3#3	22.88	23.6	30	PASS
				RB6#0	21.75	22.47	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.89	23.61	30	PASS
				RB1#3	22.76	23.48	30	PASS
				RB1#5	22.91	23.63	30	PASS
				RB3#0	22.67	23.39	30	PASS
				RB3#2	22.74	23.46	30	PASS
				RB3#3	22.77	23.49	30	PASS
				RB6#0	21.76	22.48	30	PASS
		3	LCH	RB1#0	22.81	23.53	30	PASS
				RB1#7	22.8	23.52	30	PASS
				RB1#14	22.87	23.59	30	PASS
				RB8#0	21.72	22.44	30	PASS
				RB8#4	21.71	22.43	30	PASS
				RB8#7	21.74	22.46	30	PASS
				RB15#0	21.74	22.46	30	PASS
			MCH	RB1#0	22.81	23.53	30	PASS
				RB1#7	21.85	22.57	30	PASS
				RB1#14	22.93	23.65	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.81	22.53	30	PASS	
				RB8#4	21.76	22.48	30	PASS	
				RB8#7	21.8	22.52	30	PASS	
				RB15#0	21.79	22.51	30	PASS	
			HCH	RB1#0	22.89	23.61	30	PASS	
				RB1#7	22.82	23.54	30	PASS	
				RB1#14	22.86	23.58	30	PASS	
				RB8#0	21.79	22.51	30	PASS	
				RB8#4	21.82	22.54	30	PASS	
				RB8#7	21.7	22.42	30	PASS	
				RB15#0	21.85	22.57	30	PASS	
				5	LCH	RB1#0	22.93	23.65	30
			RB1#13			22.97	23.69	30	PASS
			RB1#24			23	23.72	30	PASS
		RB12#0	21.98			22.7	30	PASS	
		RB12#6	21.93			22.65	30	PASS	
		RB12#13	21.97			22.69	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.93	22.65	30	PASS
			MCH	RB1#0	22.82	23.54	30	PASS
				RB1#13	22.84	23.56	30	PASS
				RB1#24	22.87	23.59	30	PASS
				RB12#0	21.83	22.55	30	PASS
				RB12#6	21.88	22.6	30	PASS
				RB12#13	21.89	22.61	30	PASS
				RB25#0	21.85	22.57	30	PASS
				HCH	RB1#0	22.82	23.54	30
			RB1#13		22.93	23.65	30	PASS
			RB1#24		22.92	23.64	30	PASS
			RB12#0		21.93	22.65	30	PASS
			RB12#6		21.81	22.53	30	PASS
			RB12#13		21.84	22.56	30	PASS
			RB25#0		21.78	22.5	30	PASS
		10	LCH	RB1#0	22.75	23.47	30	PASS
				RB1#25	22.39	23.11	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.81	23.53	30	PASS
				RB25#0	21.75	22.47	30	PASS
				RB25#13	21.8	22.52	30	PASS
				RB25#25	21.78	22.5	30	PASS
				RB50#0	21.82	22.54	30	PASS
			MCH	RB1#0	22.9	23.62	30	PASS
				RB1#25	22.64	23.36	30	PASS
				RB1#49	22.83	23.55	30	PASS
				RB25#0	21.84	22.56	30	PASS
				RB25#13	21.84	22.56	30	PASS
				RB25#25	21.85	22.57	30	PASS
				RB50#0	21.89	22.61	30	PASS
				HCH	RB1#0	22.89	23.61	30
			RB1#25		22.51	23.23	30	PASS
			RB1#49		22.93	23.65	30	PASS
			RB25#0		21.85	22.57	30	PASS
			RB25#13		21.85	22.57	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.82	22.54	30	PASS
				RB50#0	21.8	22.52	30	PASS
		15	LCH	RB1#0	22.9	23.62	30	PASS
				RB1#38	22.91	23.63	30	PASS
				RB1#74	22.99	23.71	30	PASS
				RB38#0	21.91	22.63	30	PASS
				RB38#19	22	22.72	30	PASS
				RB38#39	22.02	22.74	30	PASS
				RB75#0	22.01	22.73	30	PASS
			MCH	RB1#0	22.75	23.47	30	PASS
				RB1#38	22.84	23.56	30	PASS
				RB1#74	22.82	23.54	30	PASS
				RB38#0	21.82	22.54	30	PASS
				RB38#19	21.86	22.58	30	PASS
				RB38#39	21.83	22.55	30	PASS
HCH	RB75#0	21.84	22.56	30	PASS			
HCH	RB1#0	22.73	23.45	30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	22.93	23.65	30	PASS	
				RB1#74	22.81	23.53	30	PASS	
				RB38#0	21.82	22.54	30	PASS	
				RB38#19	21.9	22.62	30	PASS	
				RB38#39	21.89	22.61	30	PASS	
				RB75#0	21.81	22.53	30	PASS	
		20	LCH	RB1#0	22.94	23.66	30	PASS	
				RB1#50	22.69	23.41	30	PASS	
				RB1#99	23	23.72	30	PASS	
				RB50#0	21.95	22.67	30	PASS	
				RB50#25	22.01	22.73	30	PASS	
				RB50#50	22.06	22.78	30	PASS	
				RB100#0	22.02	22.74	30	PASS	
				MCH	RB1#0	22.92	23.64	30	PASS
					RB1#50	22.84	23.56	30	PASS
					RB1#99	22.98	23.7	30	PASS
RB50#0	21.82	22.54	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.84	22.56	30	PASS
				RB50#50	21.87	22.59	30	PASS
				RB100#0	21.88	22.6	30	PASS
			HCH	RB1#0	22.89	23.61	30	PASS
				RB1#50	22.24	22.96	30	PASS
				RB1#99	22.94	23.66	30	PASS
				RB50#0	21.81	22.53	30	PASS
				RB50#25	21.79	22.51	30	PASS
				RB50#50	21.87	22.59	30	PASS
				RB100#0	21.81	22.53	30	PASS
				LCH	RB1#0	21.77	22.49	30
			RB1#3		21.52	22.24	30	PASS
			RB1#5		22.25	22.97	30	PASS
			RB3#0		21.6	22.32	30	PASS
			RB3#2		21.51	22.23	30	PASS
RB3#3	21.76	22.48	30		PASS			
RB6#0	20.74	21.46	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.13	22.85	30	PASS
				RB1#3	21.47	22.19	30	PASS
				RB1#5	22.14	22.86	30	PASS
				RB3#0	21.95	22.67	30	PASS
				RB3#2	21.9	22.62	30	PASS
				RB3#3	21.99	22.71	30	PASS
				RB6#0	20.91	21.63	30	PASS
			HCH	RB1#0	22.1	22.82	30	PASS
				RB1#3	21.69	22.41	30	PASS
				RB1#5	22.07	22.79	30	PASS
				RB3#0	21.71	22.43	30	PASS
				RB3#2	21.74	22.46	30	PASS
				RB3#3	21.63	22.35	30	PASS
				RB6#0	20.64	21.36	30	PASS
		3	LCH	RB1#0	22.02	22.74	30	PASS
				RB1#7	22	22.72	30	PASS
				RB1#14	22.09	22.81	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.92	21.64	30	PASS
				RB8#4	20.9	21.62	30	PASS
				RB8#7	20.86	21.58	30	PASS
				RB15#0	20.91	21.63	30	PASS
			MCH	RB1#0	21.97	22.69	30	PASS
				RB1#7	21.18	21.9	30	PASS
				RB1#14	22.06	22.78	30	PASS
				RB8#0	20.73	21.45	30	PASS
				RB8#4	20.57	21.29	30	PASS
				RB8#7	20.79	21.51	30	PASS
				RB15#0	20.82	21.54	30	PASS
				HCH	RB1#0	21.97	22.69	30
			RB1#7		21.55	22.27	30	PASS
			RB1#14		21.96	22.68	30	PASS
			RB8#0		20.64	21.36	30	PASS
			RB8#4		20.76	21.48	30	PASS
			RB8#7		20.73	21.45	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.75	21.47	30	PASS
		5	LCH	RB1#0	21.96	22.68	30	PASS
				RB1#13	21.9	22.62	30	PASS
				RB1#24	21.96	22.68	30	PASS
				RB12#0	20.71	21.43	30	PASS
				RB12#6	20.65	21.37	30	PASS
				RB12#13	20.74	21.46	30	PASS
				RB25#0	20.7	21.42	30	PASS
				MCH	RB1#0	22.31	23.03	30
			RB1#13		22.36	23.08	30	PASS
			RB1#24		22.46	23.18	30	PASS
			RB12#0		20.97	21.69	30	PASS
			RB12#6		20.97	21.69	30	PASS
			RB12#13		20.95	21.67	30	PASS
			RB25#0		20.91	21.63	30	PASS
			HCH	RB1#0	22.18	22.9	30	PASS
		RB1#13		22.17	22.89	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	22.17	22.89	30	PASS	
				RB12#0	20.83	21.55	30	PASS	
				RB12#6	20.8	21.52	30	PASS	
				RB12#13	20.88	21.6	30	PASS	
				RB25#0	20.7	21.42	30	PASS	
		10	LCH	RB1#0	21.94	22.66	30	PASS	
				RB1#25	21.75	22.47	30	PASS	
				RB1#49	21.8	22.52	30	PASS	
				RB25#0	20.68	21.4	30	PASS	
				RB25#13	20.67	21.39	30	PASS	
				RB25#25	20.69	21.41	30	PASS	
				RB50#0	20.7	21.42	30	PASS	
				MCH	RB1#0	21.67	22.39	30	PASS
					RB1#25	21.57	22.29	30	PASS
					RB1#49	21.81	22.53	30	PASS
		RB25#0	20.8		21.52	30	PASS		
		RB25#13	20.75		21.47	30	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.82	21.54	30	PASS
				RB50#0	20.77	21.49	30	PASS
			HCH	RB1#0	22.12	22.84	30	PASS
				RB1#25	21.79	22.51	30	PASS
				RB1#49	22.11	22.83	30	PASS
				RB25#0	20.76	21.48	30	PASS
				RB25#13	20.75	21.47	30	PASS
				RB25#25	20.72	21.44	30	PASS
				RB50#0	20.74	21.46	30	PASS
				15	LCH	RB1#0	22.04	22.76
		RB1#38	22.1			22.82	30	PASS
		RB1#74	22.14			22.86	30	PASS
		RB38#0	20.88			21.6	30	PASS
		RB38#19	20.91			21.63	30	PASS
		RB38#39	20.98	21.7		30	PASS	
RB75#0	20.86	21.58	30	PASS				
MCH	RB1#0	21.96	22.68	30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.99	22.71	30	PASS
				RB1#74	21.87	22.59	30	PASS
				RB38#0	20.8	21.52	30	PASS
				RB38#19	20.81	21.53	30	PASS
				RB38#39	20.85	21.57	30	PASS
				RB75#0	20.76	21.48	30	PASS
			HCH	RB1#0	21.8	22.52	30	PASS
				RB1#38	21.89	22.61	30	PASS
				RB1#74	21.8	22.52	30	PASS
				RB38#0	20.76	21.48	30	PASS
				RB38#19	20.73	21.45	30	PASS
				RB38#39	20.82	21.54	30	PASS
		LCH	RB75#0	20.73	21.45	30	PASS	
			RB1#0	22.2	22.92	30	PASS	
			RB1#50	21.66	22.38	30	PASS	
			RB1#99	22.29	23.01	30	PASS	
20		RB50#0	20.63	21.35	30	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.7	21.42	30	PASS
				RB50#50	20.69	21.41	30	PASS
				RB100#0	20.76	21.48	30	PASS
			MCH	RB1#0	22.1	22.82	30	PASS
				RB1#50	21.58	22.3	30	PASS
				RB1#99	22.12	22.84	30	PASS
				RB50#0	20.78	21.5	30	PASS
				RB50#25	20.84	21.56	30	PASS
				RB50#50	20.84	21.56	30	PASS
				RB100#0	20.78	21.5	30	PASS
			HCH	RB1#0	21.94	22.66	30	PASS
				RB1#50	21.11	21.83	30	PASS
				RB1#99	22.17	22.89	30	PASS
				RB50#0	20.78	21.5	30	PASS
				RB50#25	20.77	21.49	30	PASS
RB50#50	20.8	21.52		30	PASS			
RB100#0	20.72	21.44		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:

SET Span=1.5*OBW

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

SET VBW>= 3*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	4.02	13	PASS
				RB1#3	4.25	13	PASS
				RB1#5	4.26	13	PASS
				RB3#0	4.87	13	PASS
				RB3#2	4.83	13	PASS
				RB3#3	4.93	13	PASS
				RB6#0	5.72	13	PASS
			MCH	RB1#0	4.68	13	PASS
				RB1#3	4.67	13	PASS
				RB1#5	4.68	13	PASS
				RB3#0	5.04	13	PASS
				RB3#2	4.86	13	PASS
				RB3#3	5.07	13	PASS
				RB6#0	5.84	13	PASS
		HCH	RB1#0	4.13	13	PASS	
			RB1#3	4.33	13	PASS	
			RB1#5	4.08	13	PASS	
			RB3#0	4.6	13	PASS	
			RB3#2	4.69	13	PASS	
			RB3#3	4.57	13	PASS	
			RB6#0	5.57	13	PASS	
		3	LCH	RB1#0	4.08	13	PASS
				RB1#7	4.67	13	PASS
				RB1#14	4.53	13	PASS
				RB8#0	5.49	13	PASS
				RB8#4	5.45	13	PASS
				RB8#7	5.49	13	PASS
				RB15#0	5.92	13	PASS
MCH	RB1#0		4.52	13	PASS		
	RB1#7		4.41	13	PASS		
	RB1#14		4.46	13	PASS		
	RB8#0		5.79	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	5.69	13	PASS	
				RB8#7	5.44	13	PASS	
				RB15#0	5.63	13	PASS	
			HCH	RB1#0	4.23	13	PASS	
				RB1#7	4.39	13	PASS	
				RB1#14	4.1	13	PASS	
				RB8#0	5.45	13	PASS	
				RB8#4	5.34	13	PASS	
				RB8#7	5.33	13	PASS	
			RB15#0	5.5	13	PASS		
			5	LCH	RB1#0	4.22	13	PASS
					RB1#13	4.77	13	PASS
					RB1#24	4.79	13	PASS
					RB12#0	5.53	13	PASS
					RB12#6	5.58	13	PASS
		RB12#13			5.58	13	PASS	
		RB25#0		5.81	13	PASS		
		MCH		RB1#0	4.7	13	PASS	
				RB1#13	4.6	13	PASS	
				RB1#24	4.5	13	PASS	
				RB12#0	5.8	13	PASS	
				RB12#6	5.65	13	PASS	
			RB12#13	5.5	13	PASS		
		RB25#0	5.86	13	PASS			
		HCH	RB1#0	4.57	13	PASS		
			RB1#13	4.14	13	PASS		
			RB1#24	4.06	13	PASS		
			RB12#0	5.51	13	PASS		
			RB12#6	5.4	13	PASS		
			RB12#13	5.42	13	PASS		
		RB25#0	5.69	13	PASS			
		10	LCH	RB1#0	4.28	13	PASS	
				RB1#25	4.84	13	PASS	
RB1#49	4.77			13	PASS			
RB25#0	5.84			13	PASS			
RB25#13	5.82			13	PASS			
RB25#25	5.91			13	PASS			
RB50#0	6.09		13	PASS				
MCH	RB1#0	4.55	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#25	4.47	13	PASS			
				RB1#49	4.47	13	PASS			
				RB25#0	5.76	13	PASS			
				RB25#13	5.7	13	PASS			
				RB25#25	5.53	13	PASS			
				RB50#0	5.87	13	PASS			
			HCH	RB1#0	4.58	13	PASS			
				RB1#25	4.45	13	PASS			
				RB1#49	4.12	13	PASS			
				RB25#0	5.48	13	PASS			
				RB25#13	5.4	13	PASS			
				RB25#25	5.53	13	PASS			
				LCH	15		RB1#0	4.37	13	PASS
							RB1#38	4.92	13	PASS
		RB1#74					4.94	13	PASS	
		RB38#0					6.02	13	PASS	
		RB38#19					5.9	13	PASS	
		RB38#39					5.97	13	PASS	
		MCH		RB75#0		6.15	13	PASS		
				RB1#0		4.87	13	PASS		
				RB1#38		4.71	13	PASS		
				RB1#74		4.67	13	PASS		
				RB38#0		5.87	13	PASS		
				RB38#19		5.56	13	PASS		
		HCH		RB38#39		5.48	13	PASS		
				RB75#0		6.19	13	PASS		
			RB1#0	4.71	13	PASS				
			RB1#38	4.51	13	PASS				
			RB1#74	4.16	13	PASS				
			RB38#0	5.69	13	PASS				
			LCH	20		RB38#19	5.57	13	PASS	
						RB38#39	5.67	13	PASS	
RB75#0	6.27					13	PASS			
RB1#0	4.38					13	PASS			
RB1#50	5.39					13	PASS			
RB1#99	5.02	13	PASS							
RB50#0	5.87	13	PASS							
RB50#25	5.75	13	PASS							

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#50	5.79	13	PASS	
				RB100#0	6.14	13	PASS	
			MCH	RB1#0	4.72	13	PASS	
				RB1#50	4.66	13	PASS	
				RB1#99	4.55	13	PASS	
				RB50#0	5.96	13	PASS	
				RB50#25	5.59	13	PASS	
				RB50#50	5.64	13	PASS	
				RB100#0	6.28	13	PASS	
			HCH	RB1#0	4.69	13	PASS	
				RB1#50	4.83	13	PASS	
				RB1#99	4.23	13	PASS	
				RB50#0	5.69	13	PASS	
				RB50#25	5.68	13	PASS	
				RB50#50	5.59	13	PASS	
		LTE/TM2	1.4	LCH	RB1#0	4.7	13	PASS
					RB1#3	5.25	13	PASS
					RB1#5	4.82	13	PASS
					RB3#0	5.53	13	PASS
					RB3#2	5.84	13	PASS
					RB3#3	5.79	13	PASS
					RB6#0	6.45	13	PASS
				MCH	RB1#0	5.53	13	PASS
					RB1#3	5.82	13	PASS
					RB1#5	5.57	13	PASS
					RB3#0	6.33	13	PASS
					RB3#2	6.36	13	PASS
					RB3#3	6.27	13	PASS
				HCH	RB6#0	6.49	13	PASS
					RB1#0	4.62	13	PASS
			RB1#3		4.8	13	PASS	
			RB1#5		4.64	13	PASS	
			RB3#0		5.5	13	PASS	
RB3#2	5.57	13	PASS					
RB3#3	5.54	13	PASS					
3	LCH	RB1#0	5.12	13	PASS			
		RB1#7	5.9	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
		5		RB1#14	5.63	13	PASS	
				RB8#0	6.26	13	PASS	
				RB8#4	6.3	13	PASS	
				RB8#7	6.33	13	PASS	
				RB15#0	6.45	13	PASS	
			MCH	RB1#0	5.67	13	PASS	
				RB1#7	5.81	13	PASS	
				RB1#14	5.64	13	PASS	
				RB8#0	6.36	13	PASS	
				RB8#4	6.44	13	PASS	
				RB8#7	6.48	13	PASS	
				RB15#0	6.51	13	PASS	
			HCH	RB1#0	5.16	13	PASS	
				RB1#7	4.97	13	PASS	
				RB1#14	4.86	13	PASS	
				RB8#0	6.36	13	PASS	
				RB8#4	6.1	13	PASS	
				RB8#7	6.36	13	PASS	
				RB15#0	6.21	13	PASS	
			5	LCH	RB1#0	4.95	13	PASS
					RB1#13	5.45	13	PASS
		RB1#24			5.6	13	PASS	
		RB12#0			6.43	13	PASS	
		RB12#6			6.3	13	PASS	
		RB12#13			6.5	13	PASS	
		RB25#0			6.72	13	PASS	
		MCH		RB1#0	5.37	13	PASS	
				RB1#13	5.34	13	PASS	
				RB1#24	5.04	13	PASS	
				RB12#0	6.55	13	PASS	
RB12#6	6.42			13	PASS			
RB12#13	6.4			13	PASS			
HCH	RB25#0	6.85		13	PASS			
	RB1#0	5.03		13	PASS			
	RB1#13	4.98		13	PASS			
	RB1#24	4.76		13	PASS			
	RB12#0	6.34		13	PASS			
	RB12#6	6.18	13	PASS				
	RB12#13	6.17	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB25#0	6.59	13	PASS
				RB1#0	4.81	13	PASS
				RB1#25	5.5	13	PASS
				RB1#49	5.54	13	PASS
				RB25#0	6.51	13	PASS
				RB25#13	6.54	13	PASS
				RB25#25	6.63	13	PASS
				RB50#0	6.86	13	PASS
			MCH	RB1#0	5.56	13	PASS
				RB1#25	5.69	13	PASS
				RB1#49	5.42	13	PASS
				RB25#0	6.54	13	PASS
				RB25#13	6.44	13	PASS
				RB25#25	6.43	13	PASS
				RB50#0	6.72	13	PASS
			HCH	RB1#0	5.23	13	PASS
				RB1#25	5.29	13	PASS
				RB1#49	4.9	13	PASS
				RB25#0	6.32	13	PASS
				RB25#13	6.2	13	PASS
				RB25#25	6.22	13	PASS
		RB50#0		6.53	13	PASS	
		15	LCH	RB1#0	5.01	13	PASS
				RB1#38	5.57	13	PASS
				RB1#74	5.69	13	PASS
				RB38#0	6.6	13	PASS
				RB38#19	6.48	13	PASS
				RB38#39	6.63	13	PASS
				RB75#0	7.14	13	PASS
			MCH	RB1#0	5.69	13	PASS
				RB1#38	5.6	13	PASS
				RB1#74	5.52	13	PASS
				RB38#0	6.74	13	PASS
				RB38#19	6.56	13	PASS
				RB38#39	6.53	13	PASS
			HCH	RB1#0	5.13	13	PASS
RB1#38	4.7			13	PASS		
RB1#74	4.55	13		PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#0	6.56	13	PASS	
				RB38#19	6.44	13	PASS	
				RB38#39	6.45	13	PASS	
				RB75#0	6.84	13	PASS	
		20	LCH	RB1#0	5.18	13	PASS	
				RB1#50	5.69	13	PASS	
				RB1#99	5.57	13	PASS	
				RB50#0	6.73	13	PASS	
				RB50#25	6.73	13	PASS	
				RB50#50	6.79	13	PASS	
				RB100#0	6.84	13	PASS	
				MCH	RB1#0	5.53	13	PASS
					RB1#50	5.79	13	PASS
					RB1#99	5.37	13	PASS
					RB50#0	6.61	13	PASS
					RB50#25	6.54	13	PASS
					RB50#50	6.44	13	PASS
				HCH	RB100#0	6.95	13	PASS
			RB1#0		5.26	13	PASS	
			RB1#50		5.41	13	PASS	
			RB1#99		4.82	13	PASS	
			RB50#0		6.42	13	PASS	
			RB50#25		6.37	13	PASS	
			RB50#50		6.42	13	PASS	
		RB100#0	6.96	13	PASS			

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

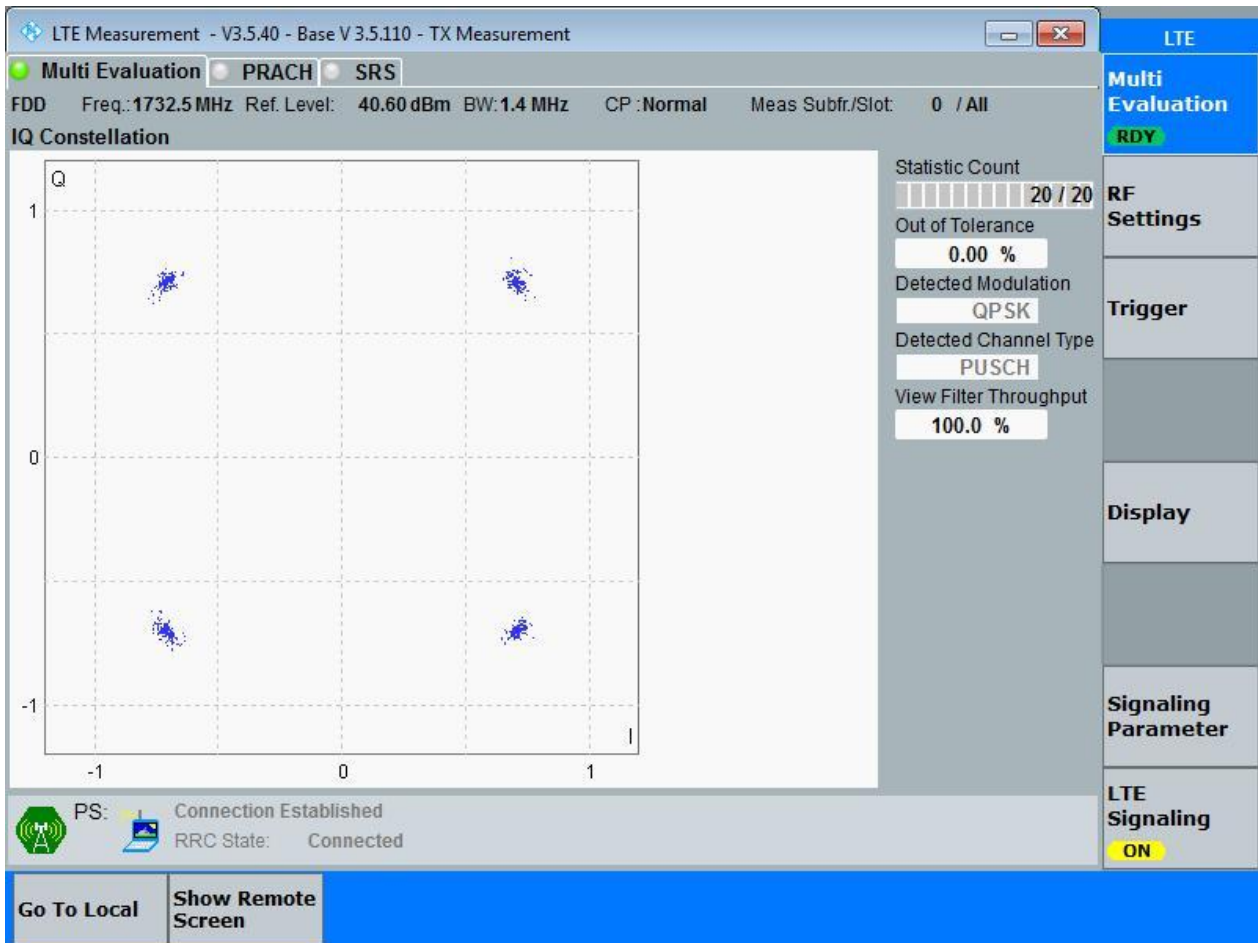
3.1.1 Test Band = BAND4

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

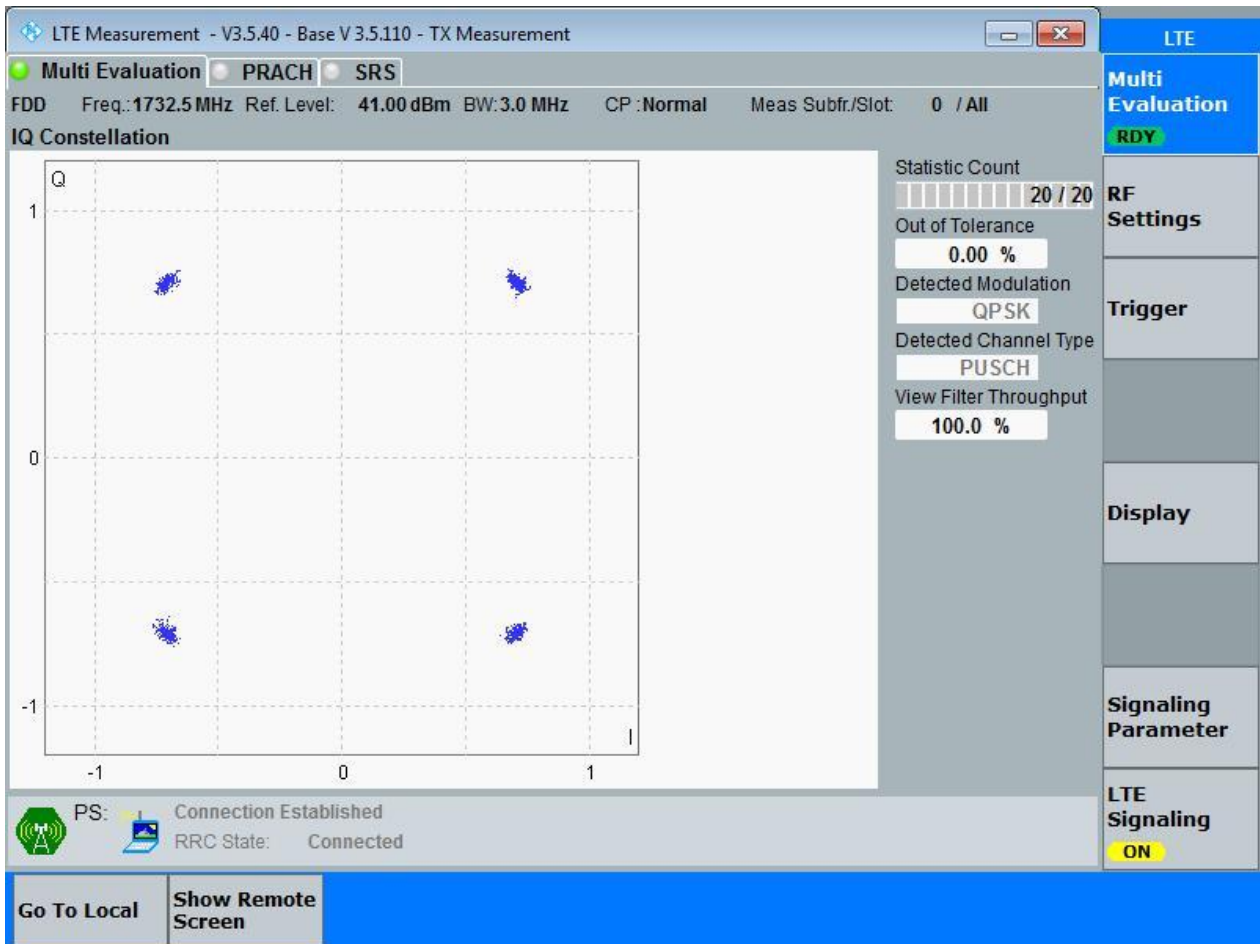
3.1.1.1.1.1.1 Test RB = RB#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

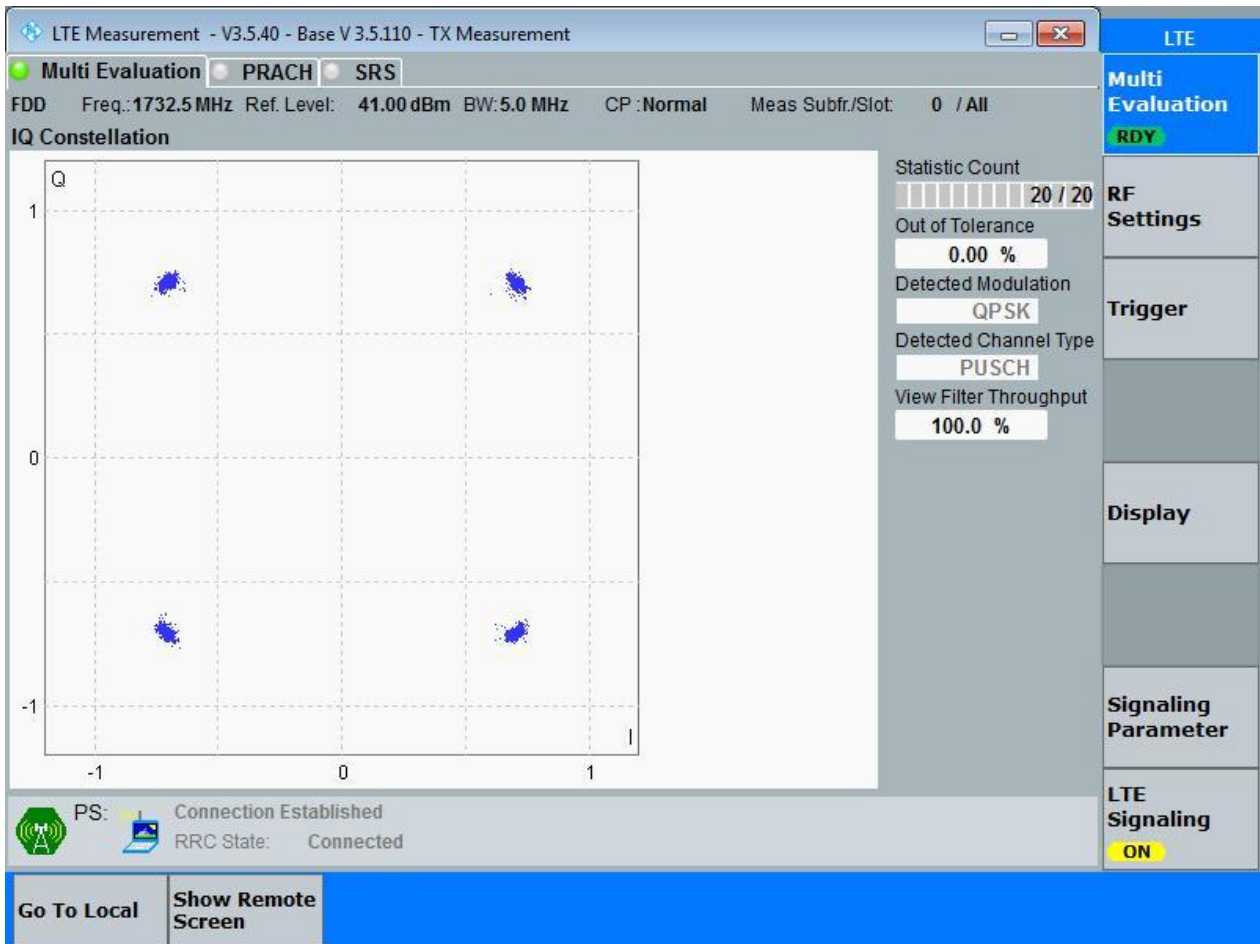
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

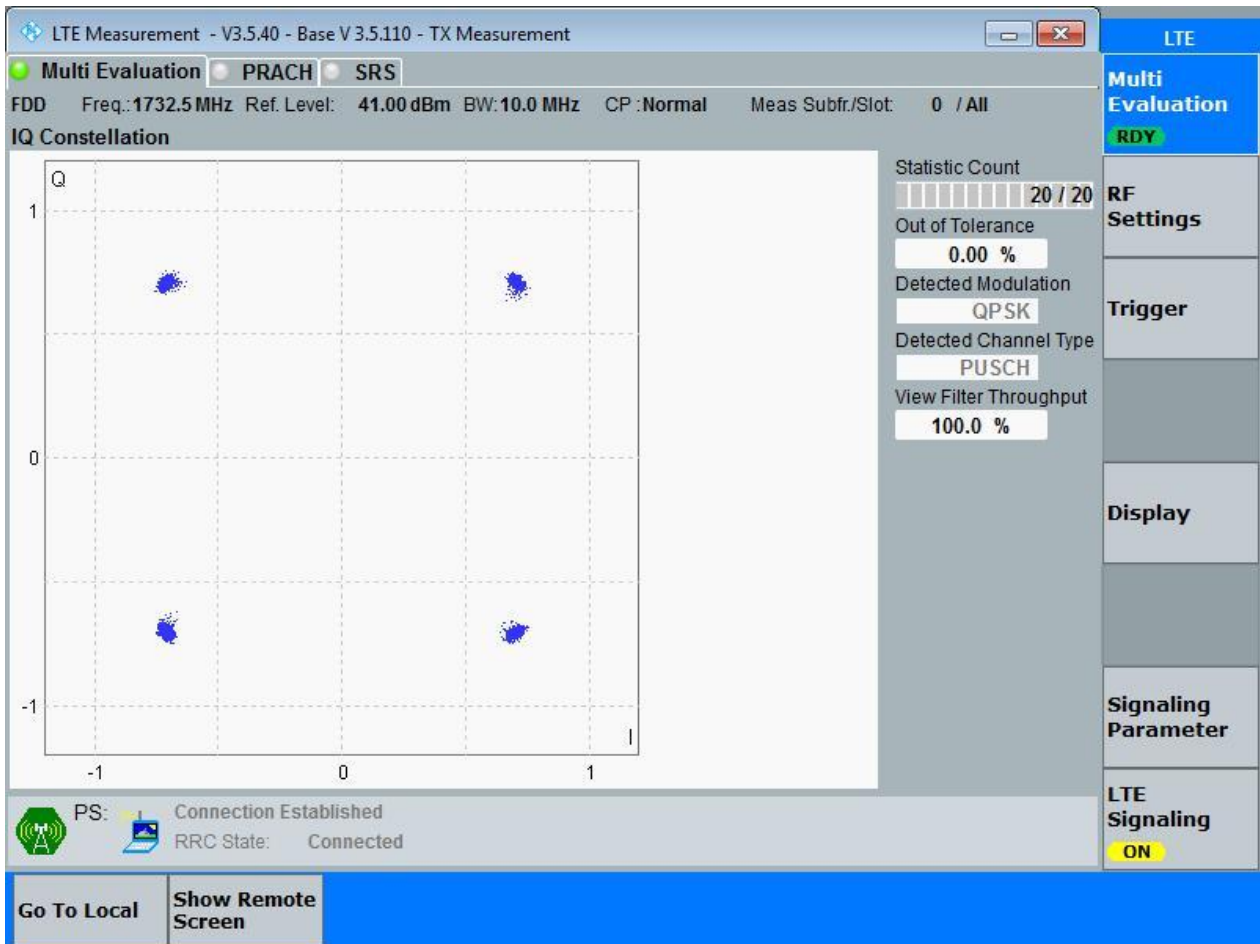
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

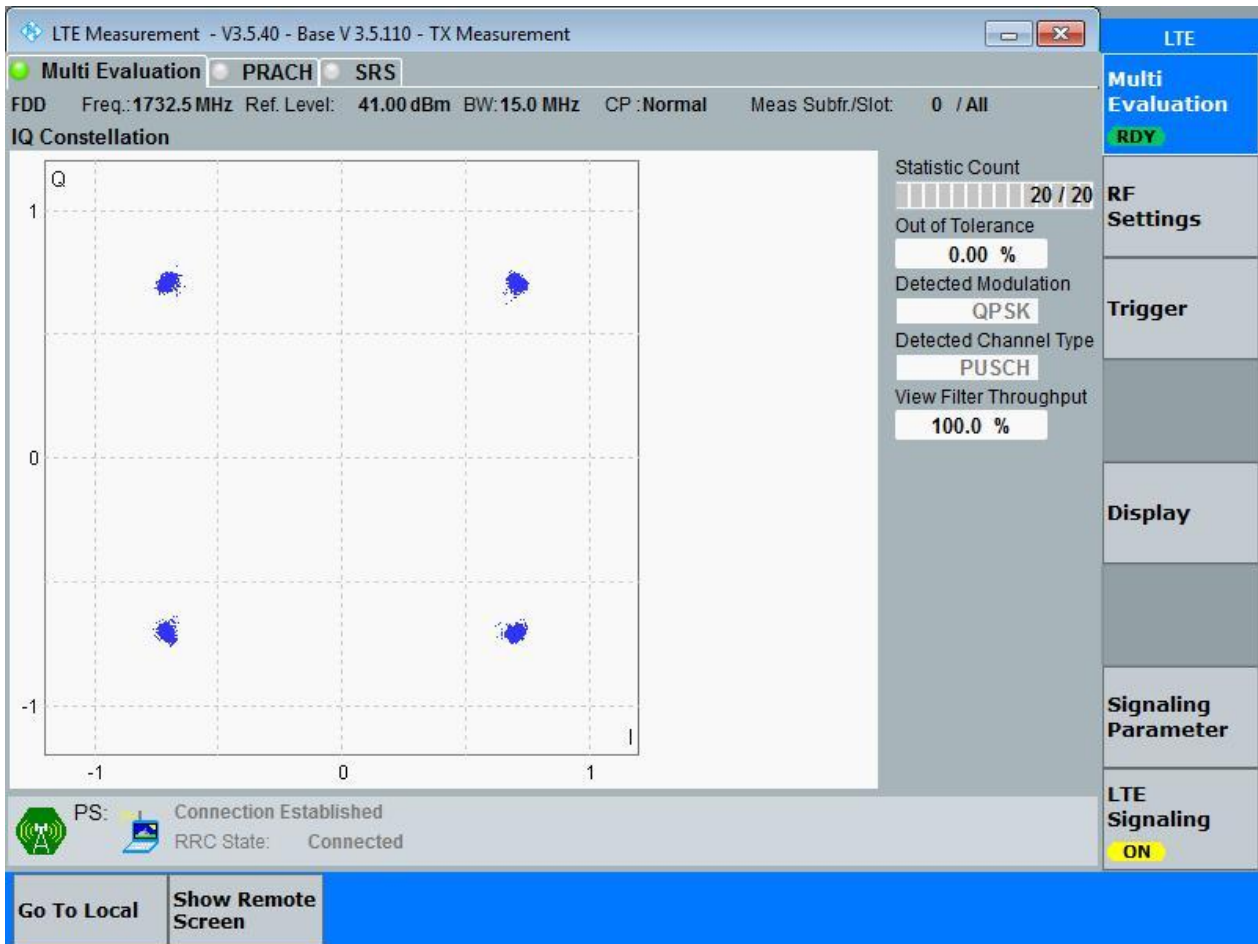
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

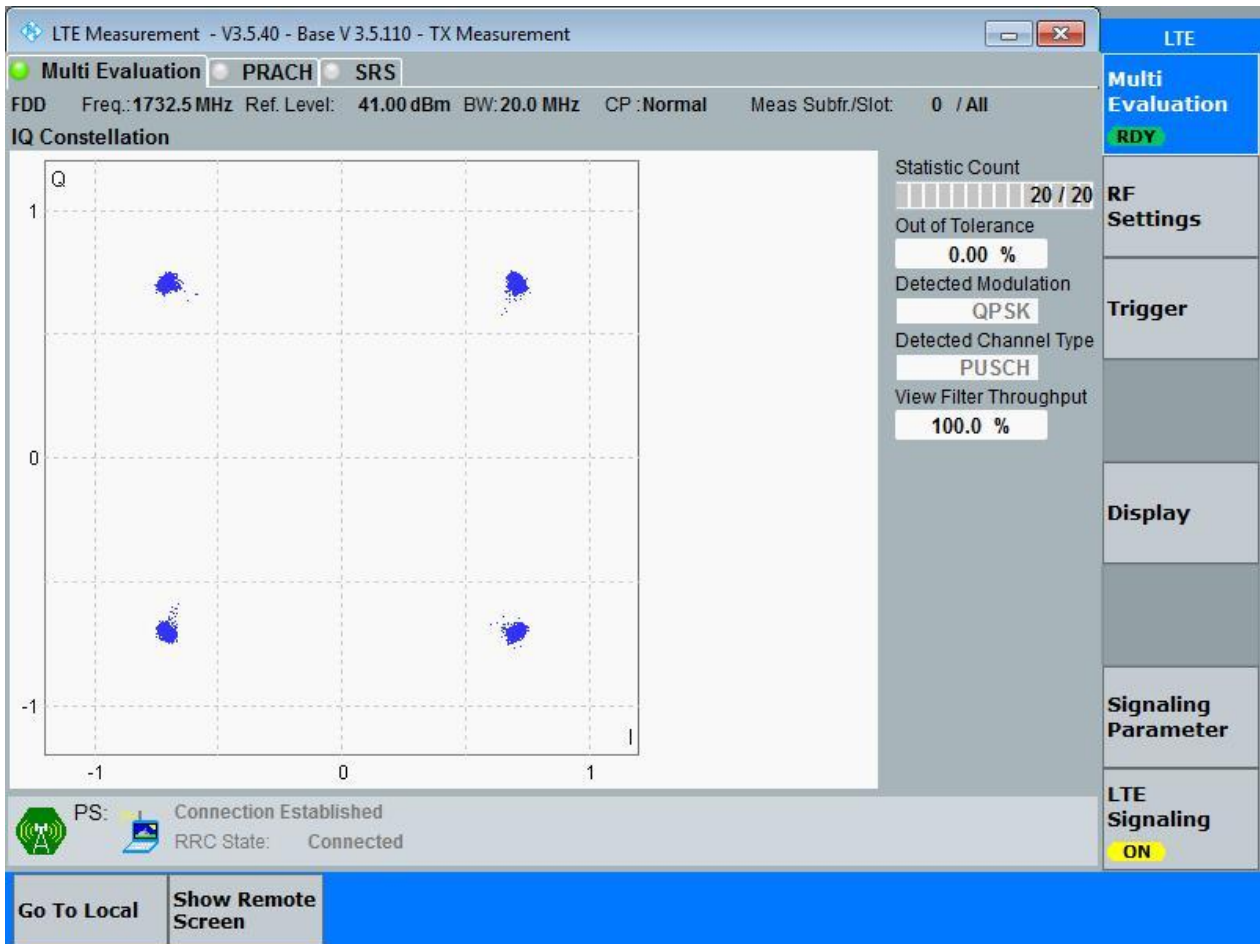
3.1.1.1.5.1.1 Test RB = RB75#0



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

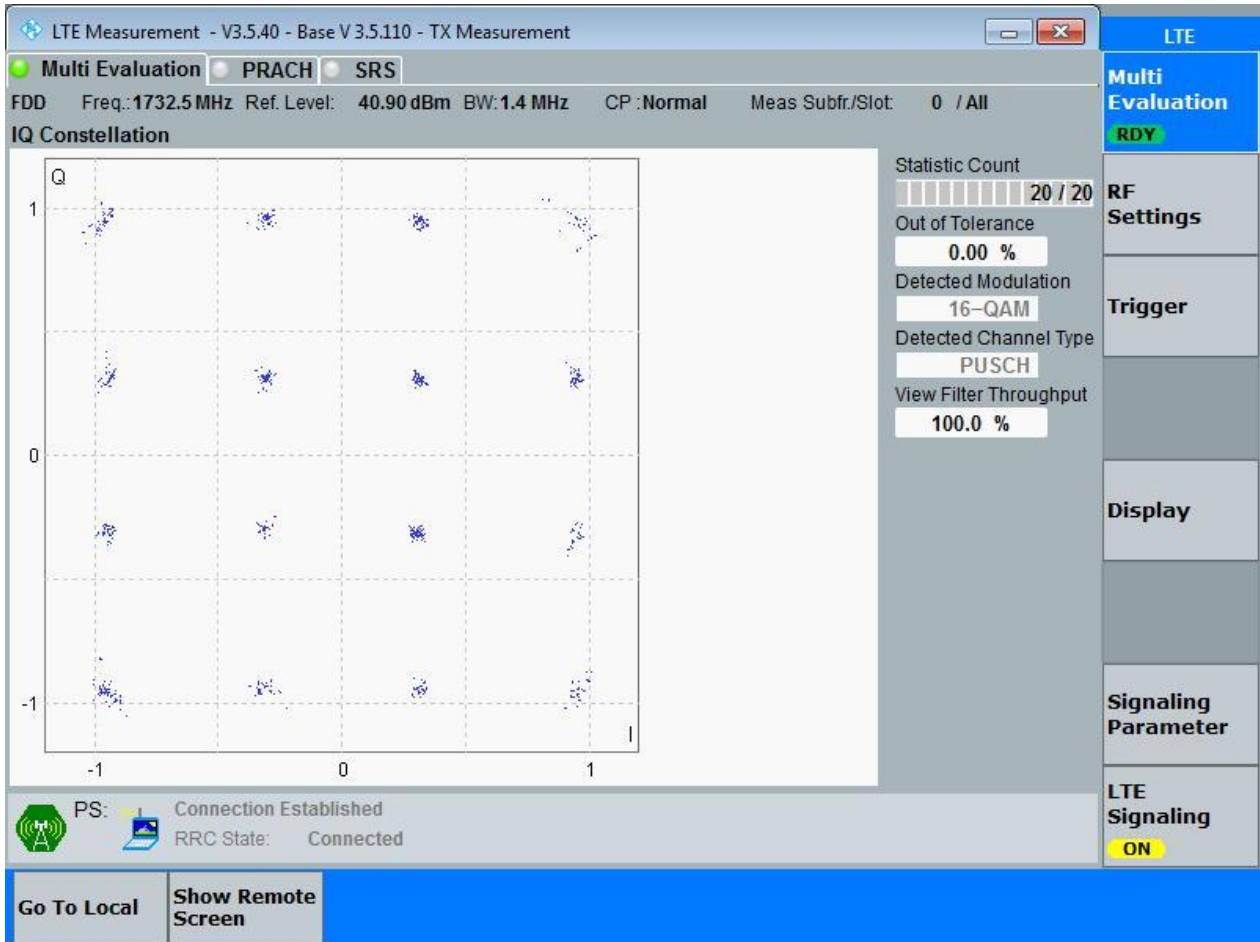


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

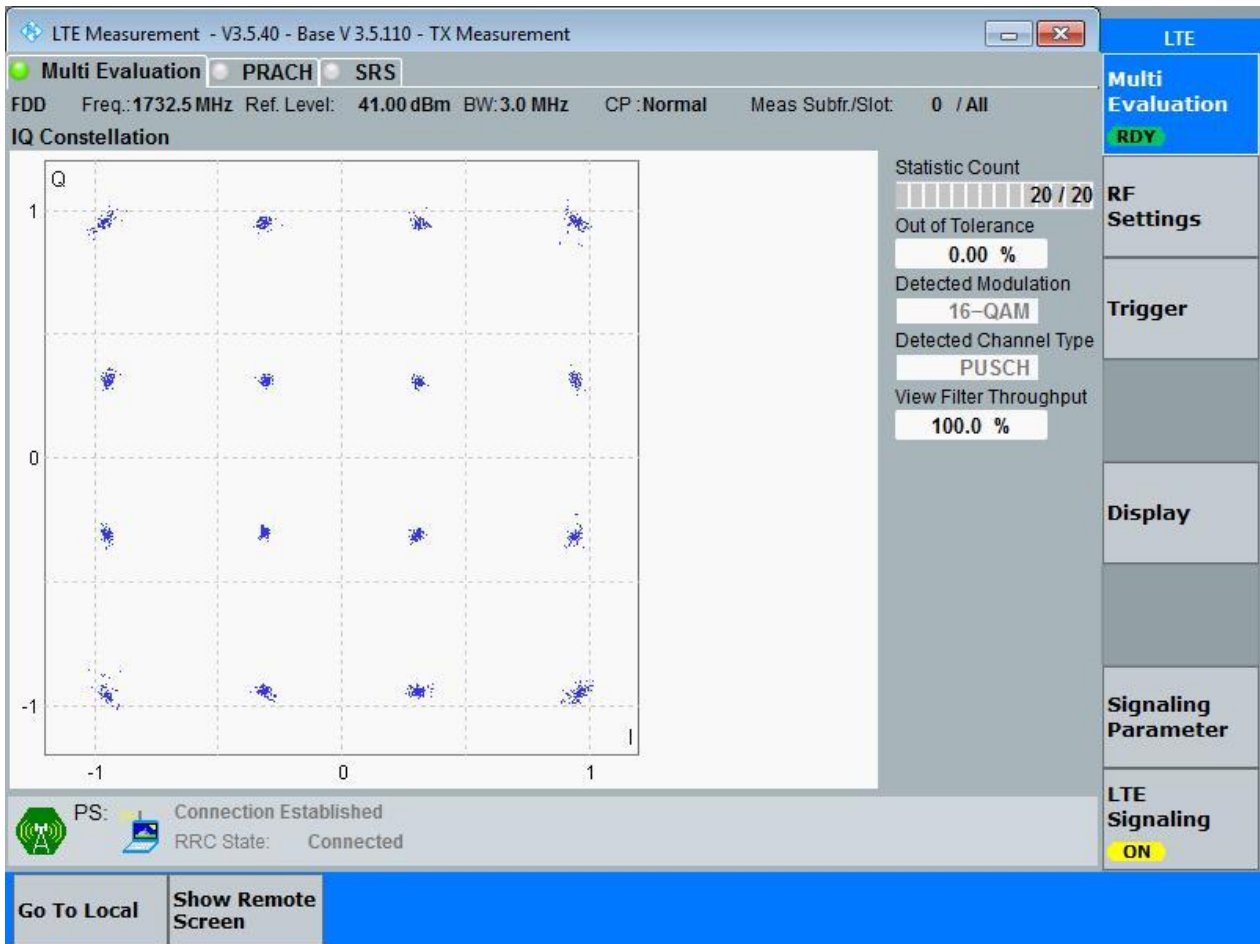
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

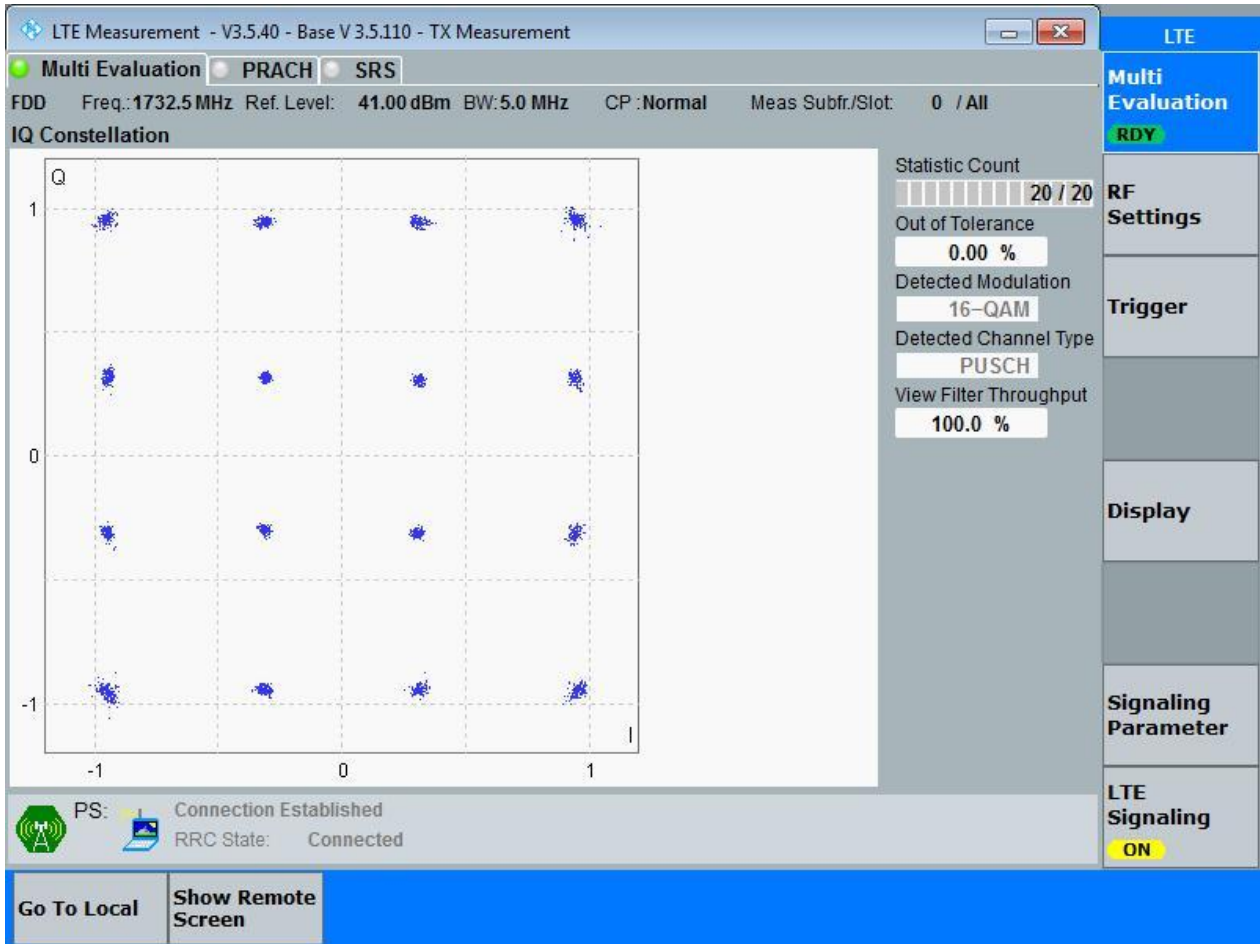
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

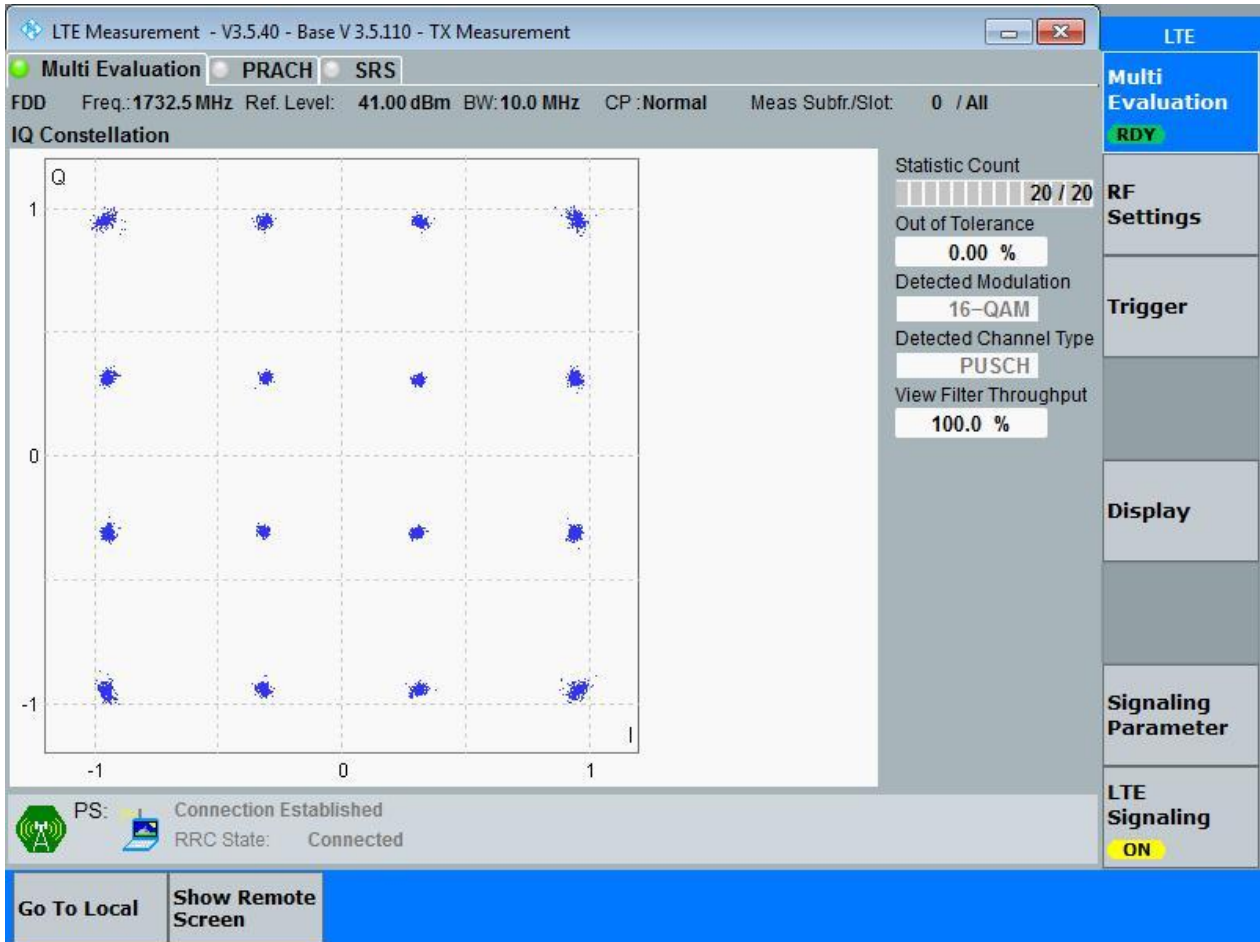
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

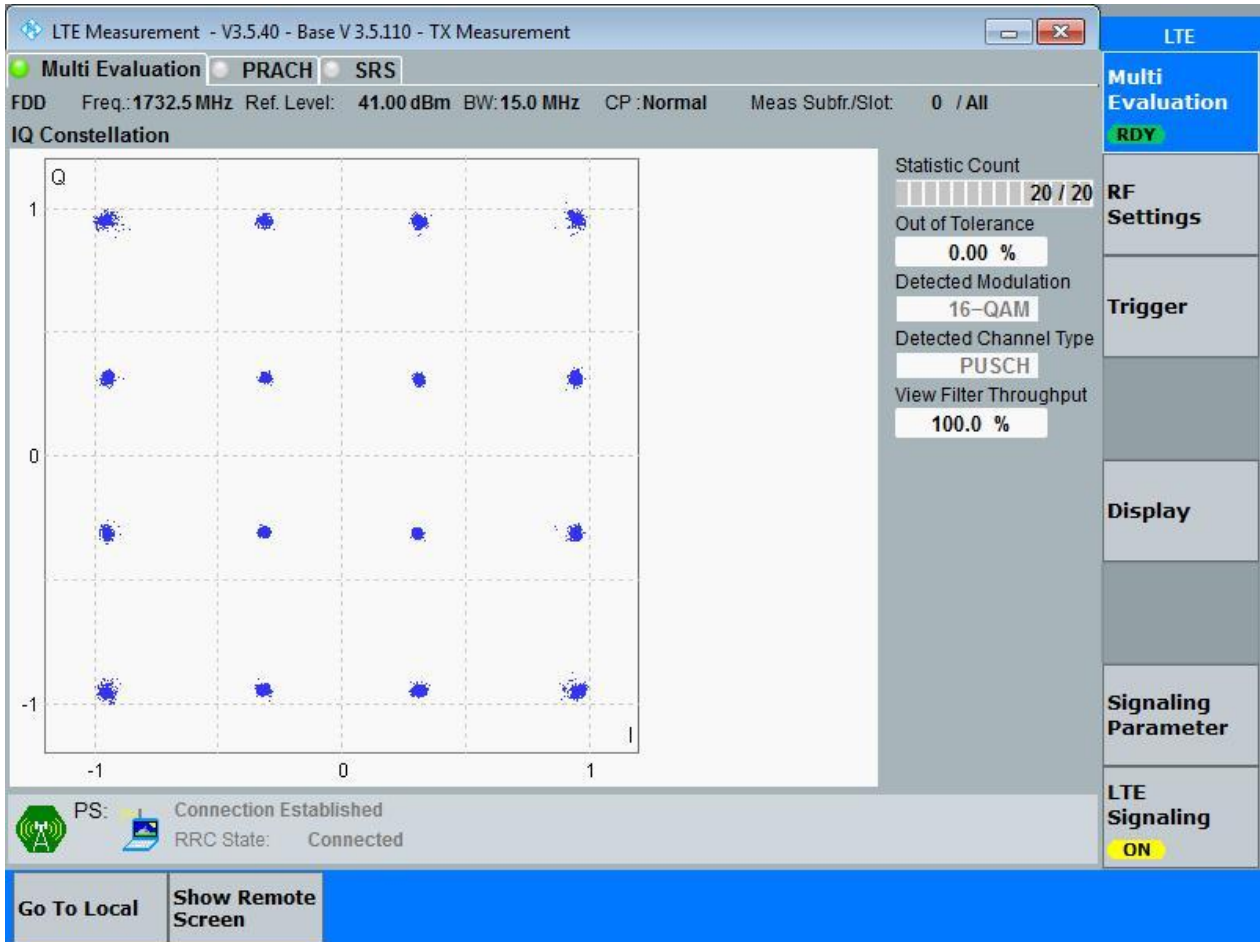
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

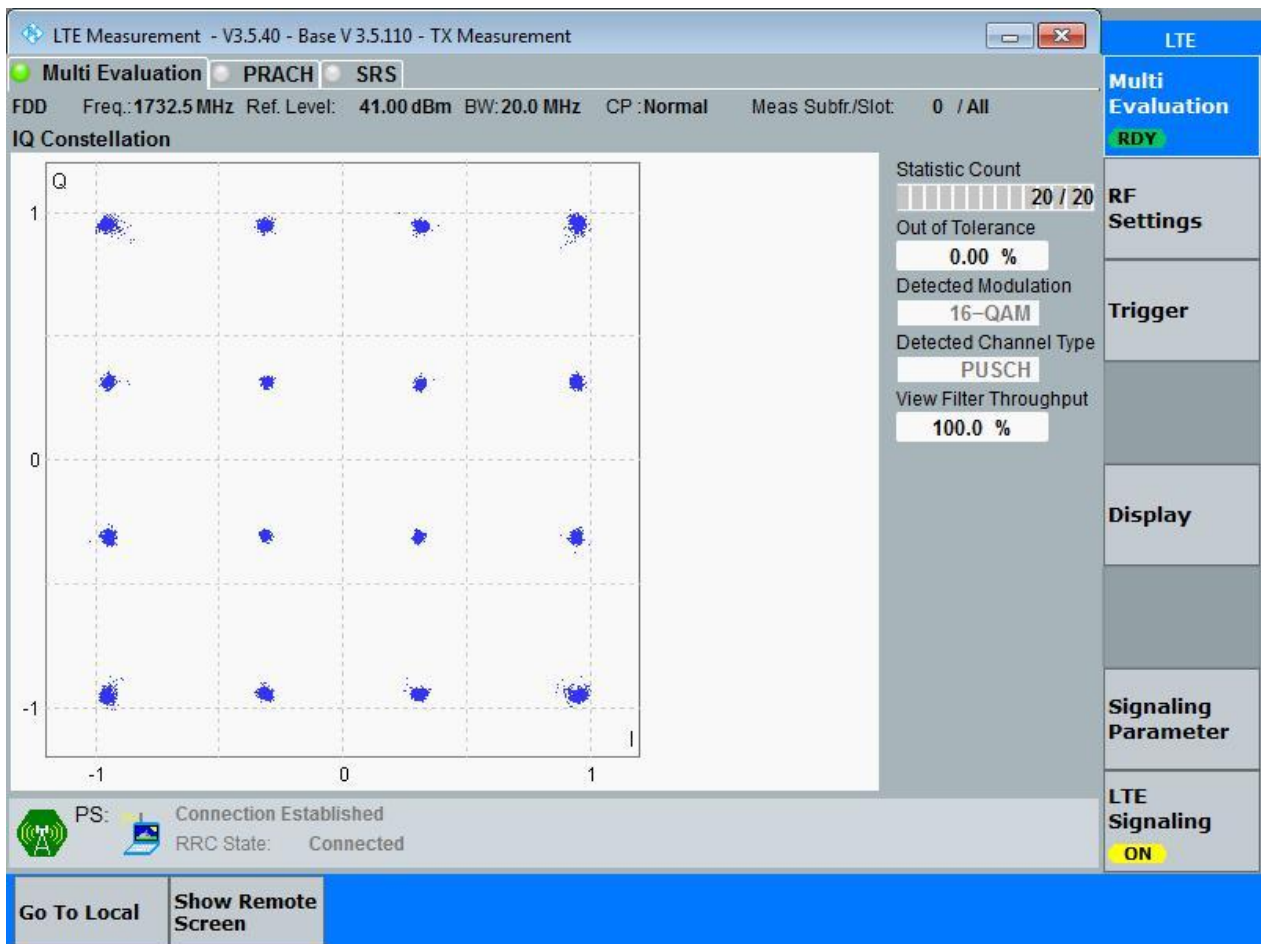
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.08	1.19	Pass
			MCH	RB6#0	1.08	1.21	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.90	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.71	2.96	Pass
		5	LCH	RB25#0	4.52	5.00	Pass
			MCH	RB25#0	4.50	4.97	Pass
			HCH	RB25#0	4.52	4.97	Pass
		10	LCH	RB50#0	9.00	9.71	Pass
			MCH	RB50#0	9.01	9.90	Pass
			HCH	RB50#0	8.99	9.85	Pass
		15	LCH	RB75#0	13.48	15.00	Pass
			MCH	RB75#0	13.53	15.00	Pass
			HCH	RB75#0	13.53	14.97	Pass
		20	LCH	RB100#0	18.00	19.81	Pass
			MCH	RB100#0	18.04	19.78	Pass
			HCH	RB100#0	18.04	19.76	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.08	1.20	Pass
			MCH	RB6#0	1.08	1.20	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.70	2.88	Pass
			MCH	RB15#0	2.70	2.88	Pass
			HCH	RB15#0	2.72	2.99	Pass
		5	LCH	RB25#0	4.52	4.80	Pass
			MCH	RB25#0	4.50	4.97	Pass
			HCH	RB25#0	4.52	4.99	Pass
10		LCH	RB50#0	9.02	9.95	Pass	
		MCH	RB50#0	9.00	9.91	Pass	
		HCH	RB50#0	8.99	9.87	Pass	
15		LCH	RB75#0	13.51	14.96	Pass	
		MCH	RB75#0	13.52	15.05	Pass	

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB75#0	13.53	15.07	Pass
		20	LCH	RB100#0	17.96	19.82	Pass
			MCH	RB100#0	18.07	19.76	Pass
			HCH	RB100#0	18.04	19.76	Pass

Part II - Test Plots

4.1 For LTE

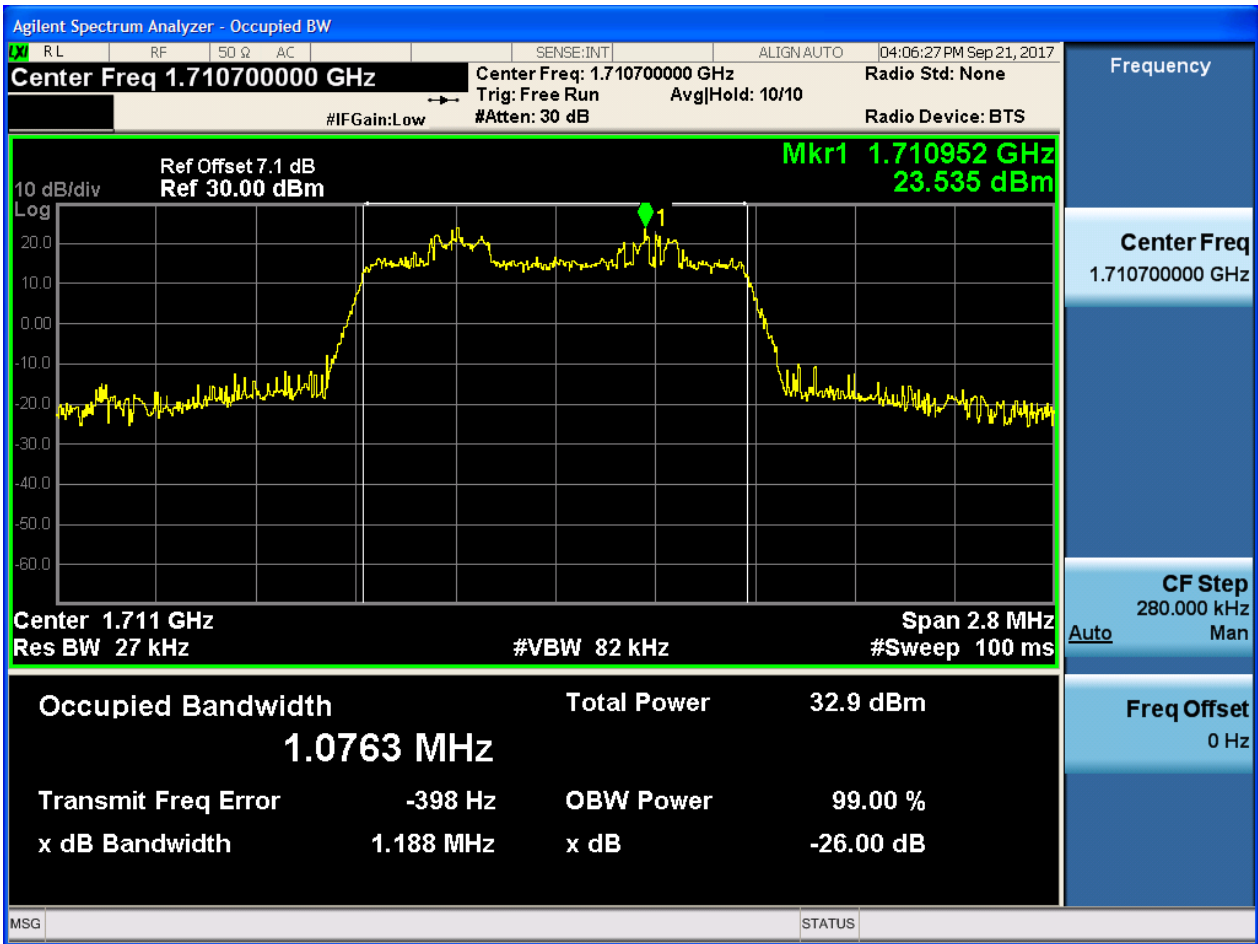
4.1.1 Test Band = BAND4

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

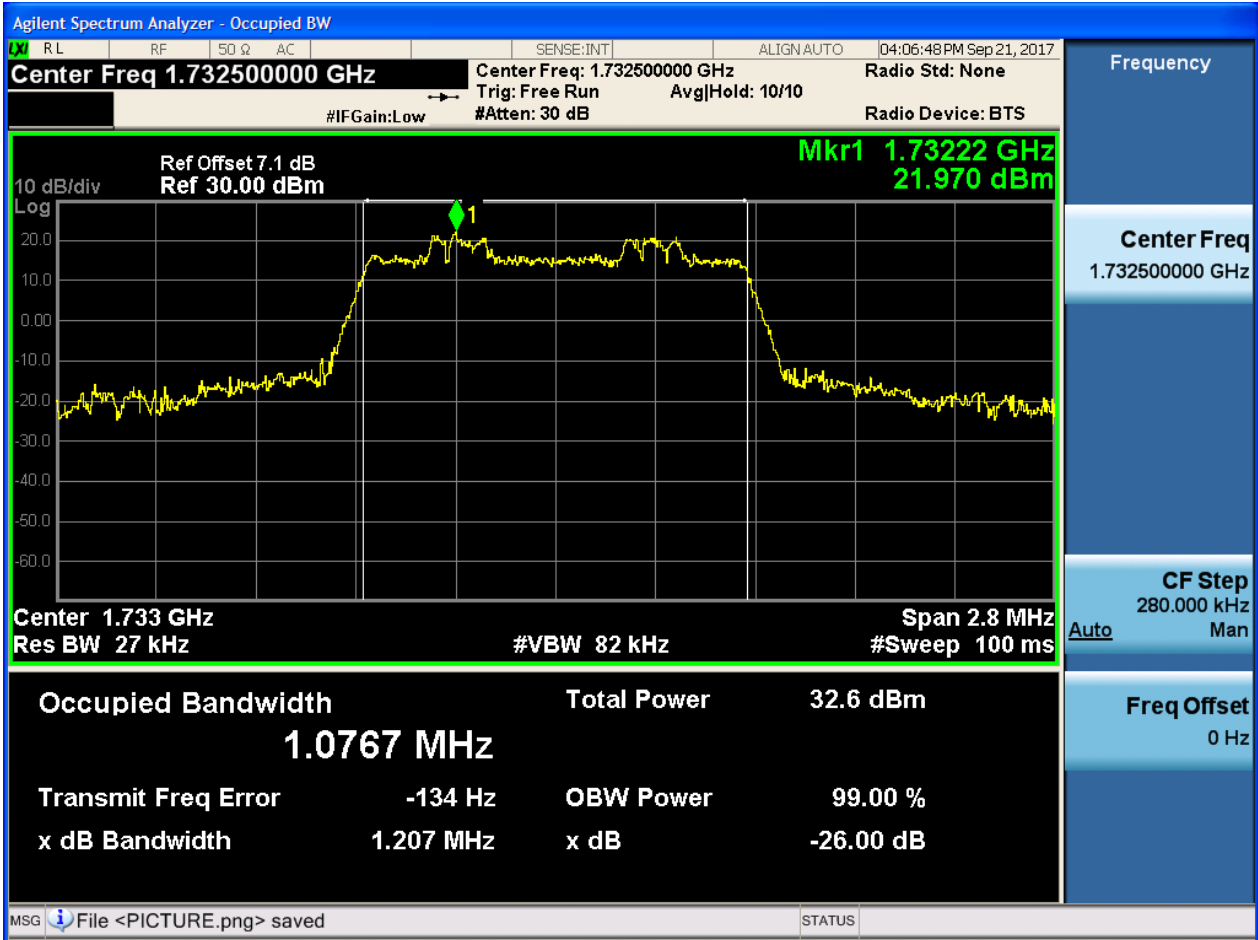
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

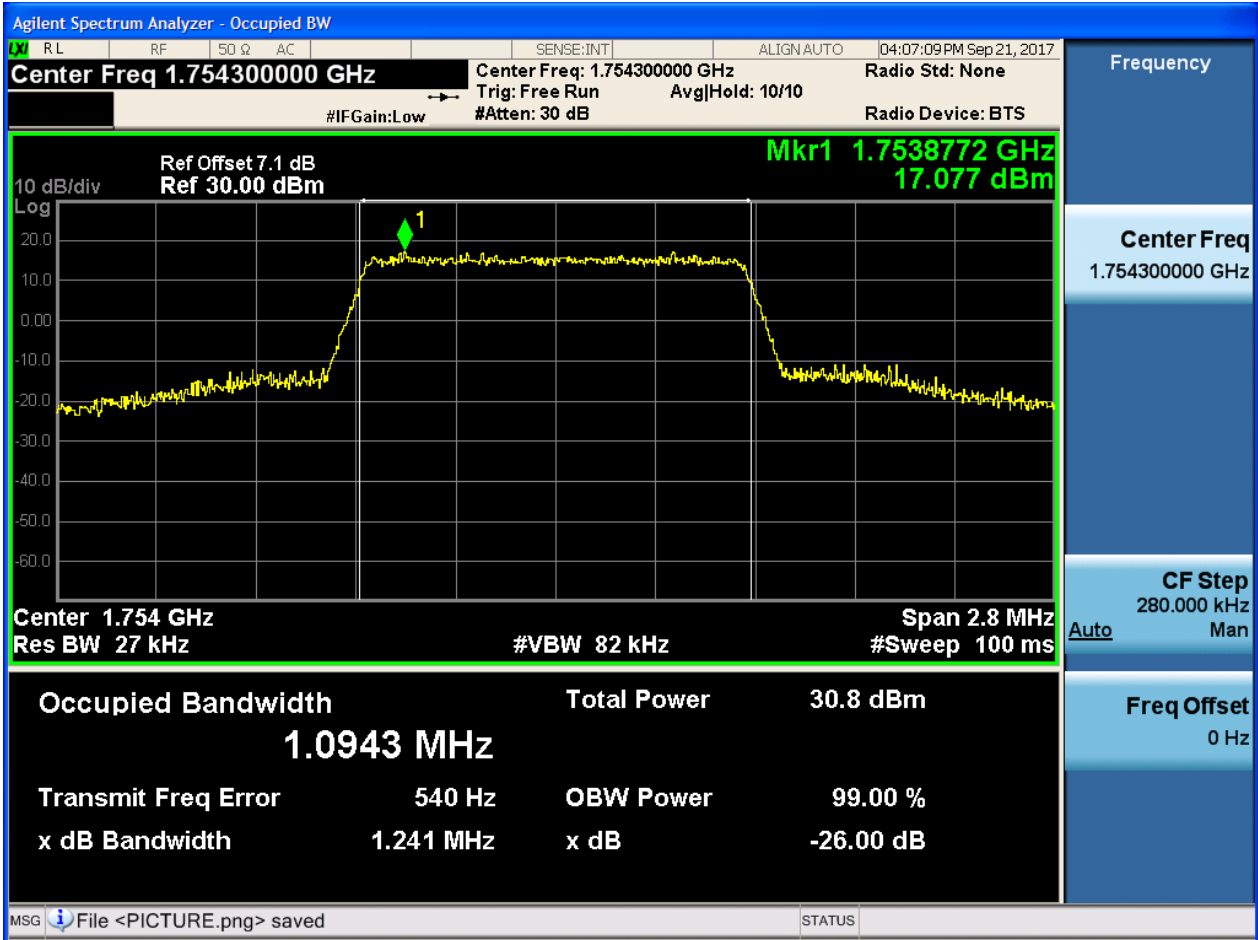
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

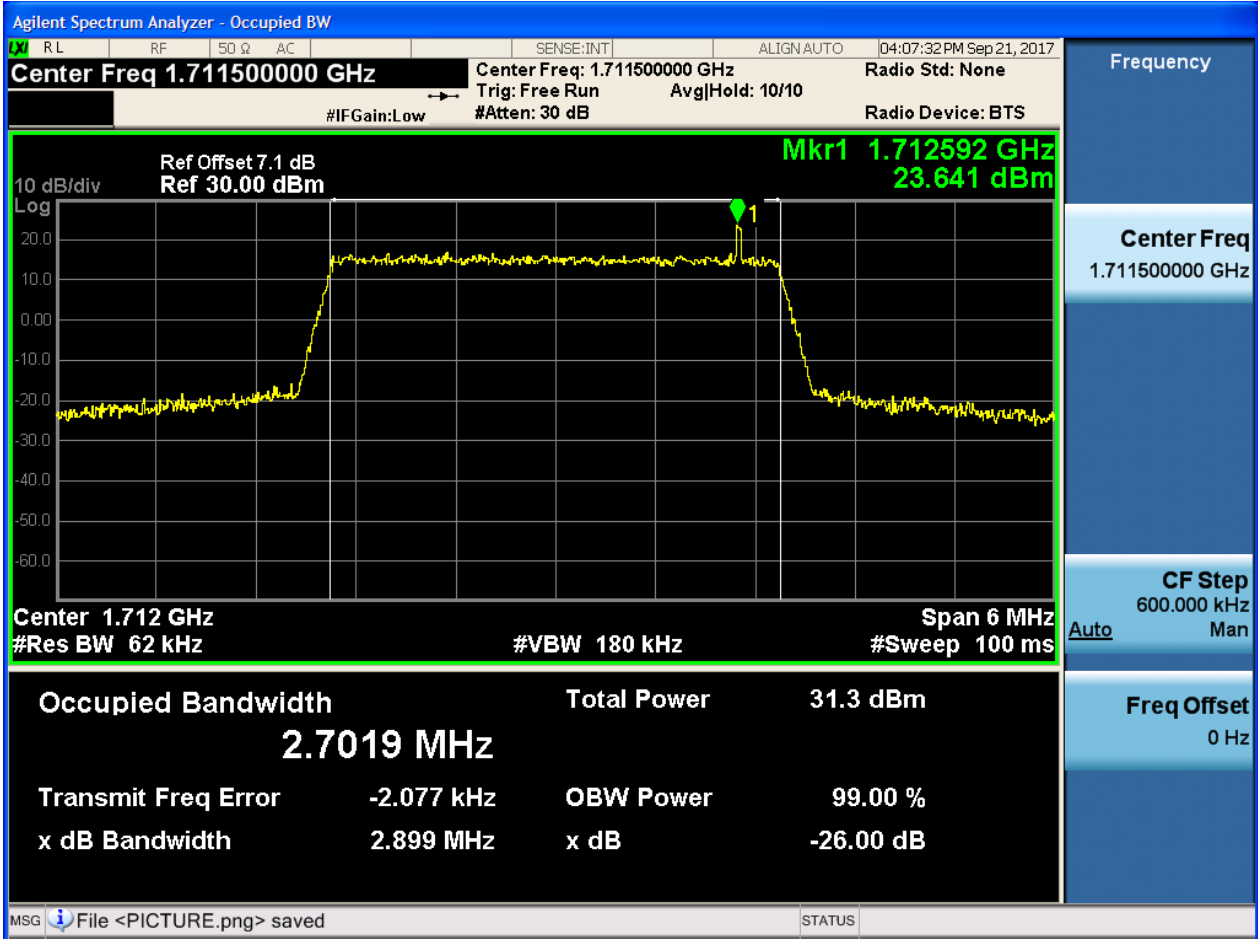




4.1.1.1.2 Test Bandwidth = 3

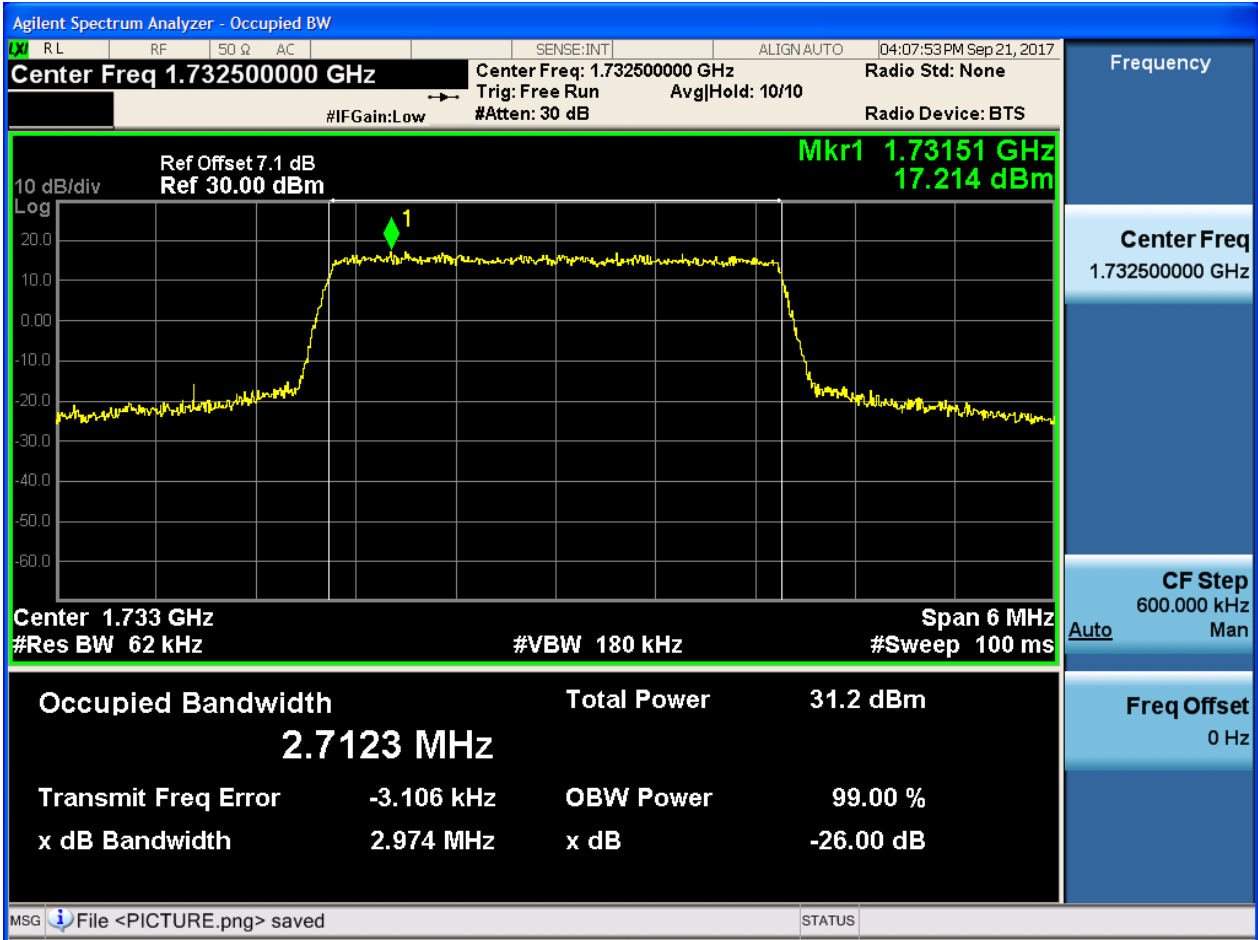
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



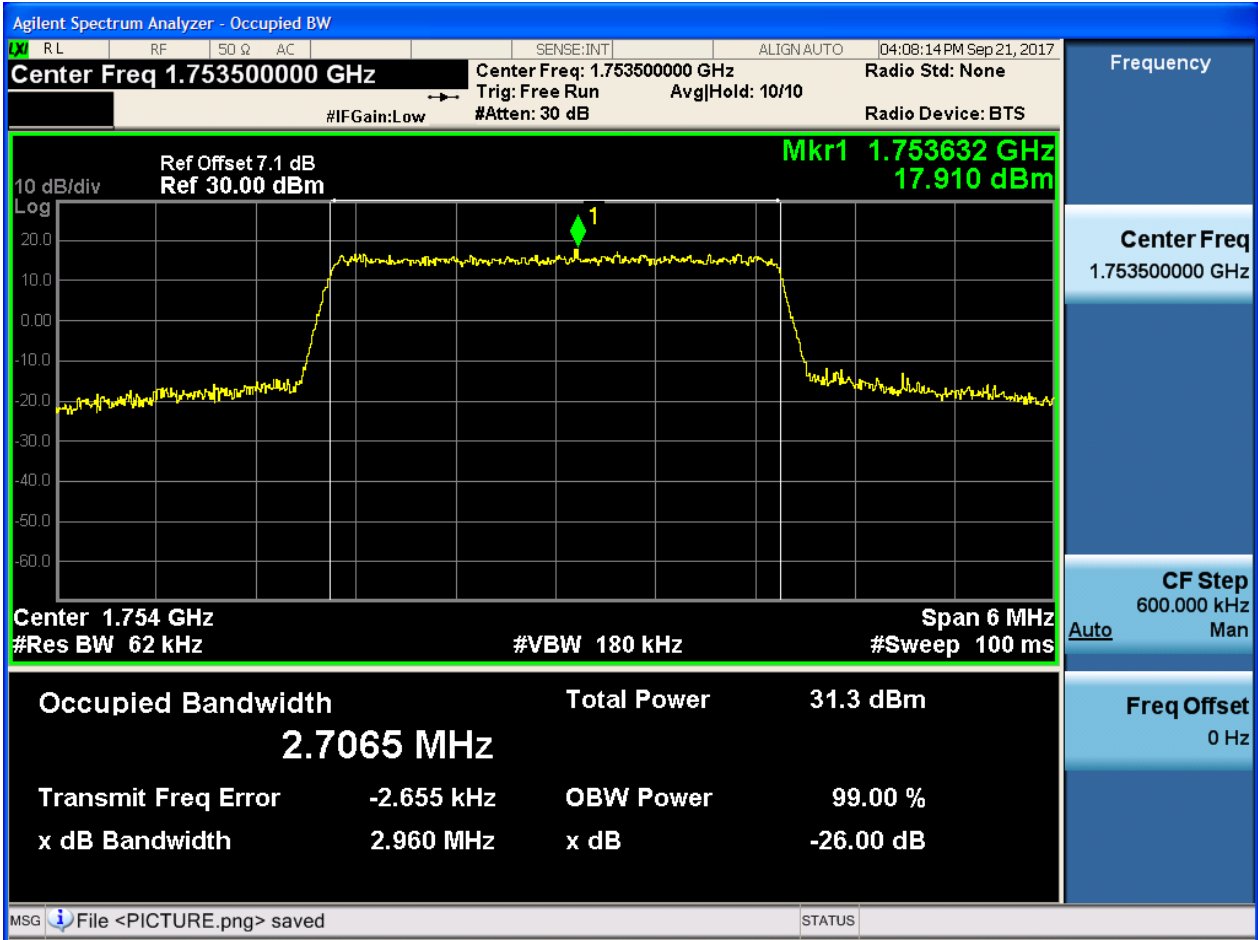
4.1.1.1.2.2 Test Channel = MCH

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

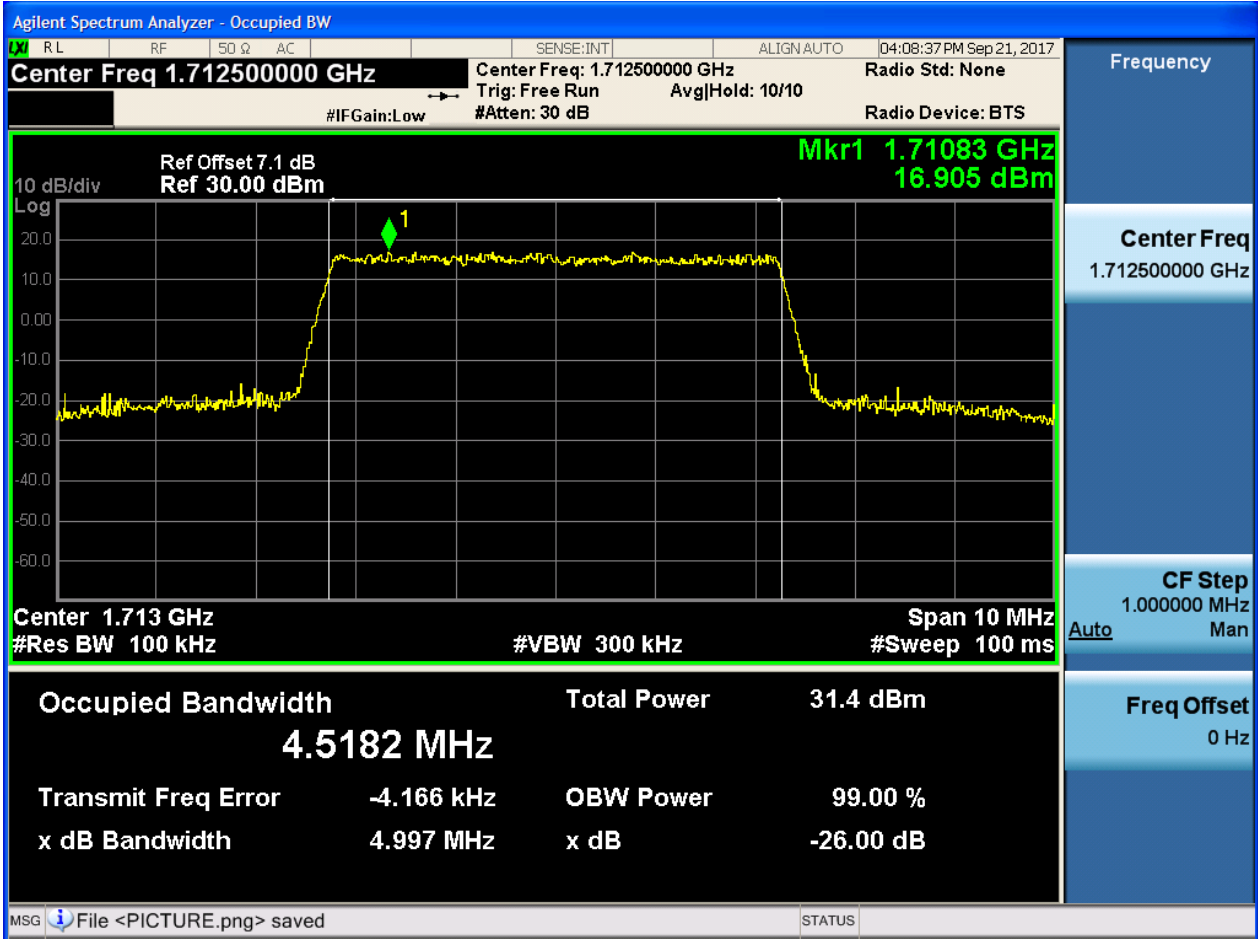




4.1.1.1.3 Test Bandwidth = 5

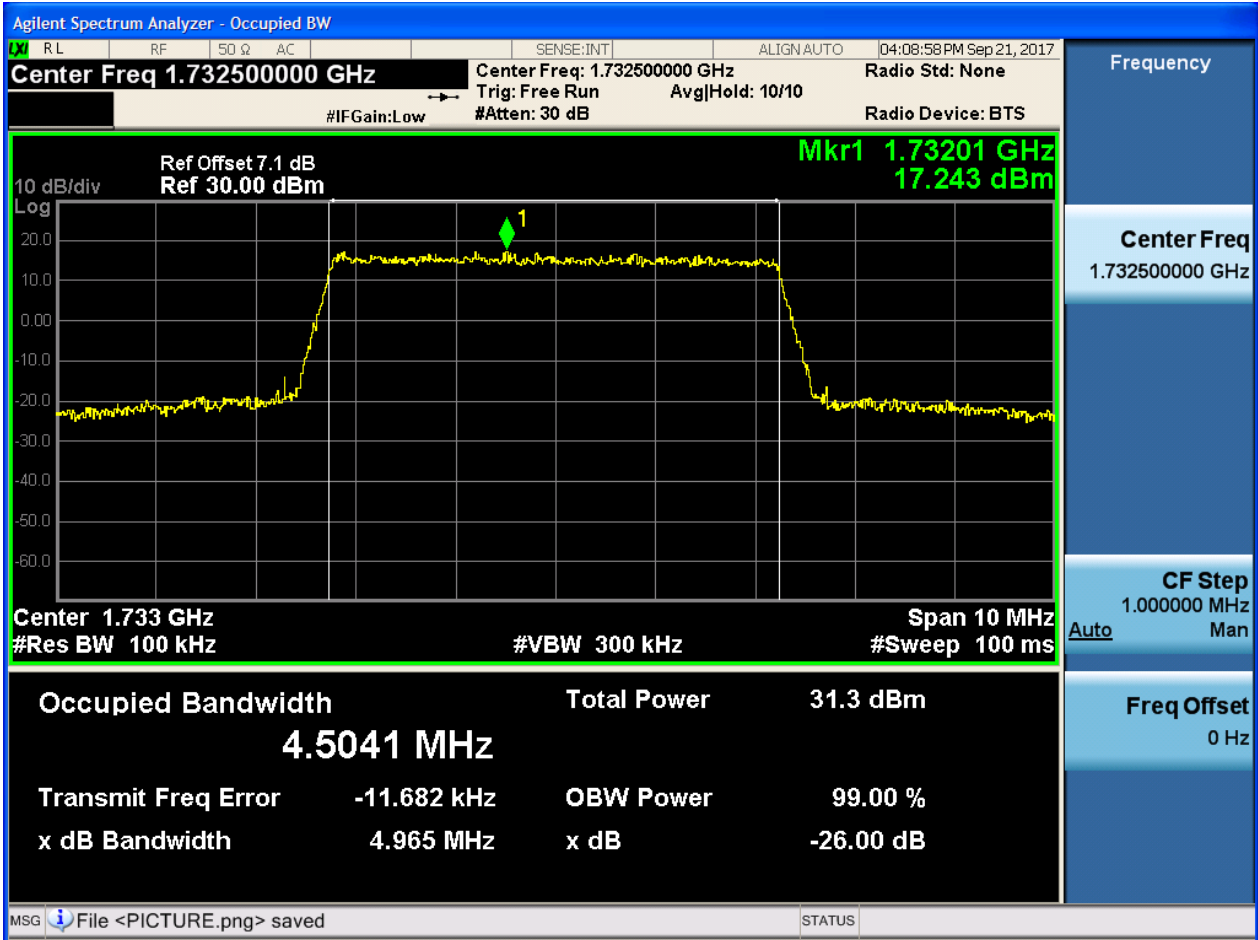
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



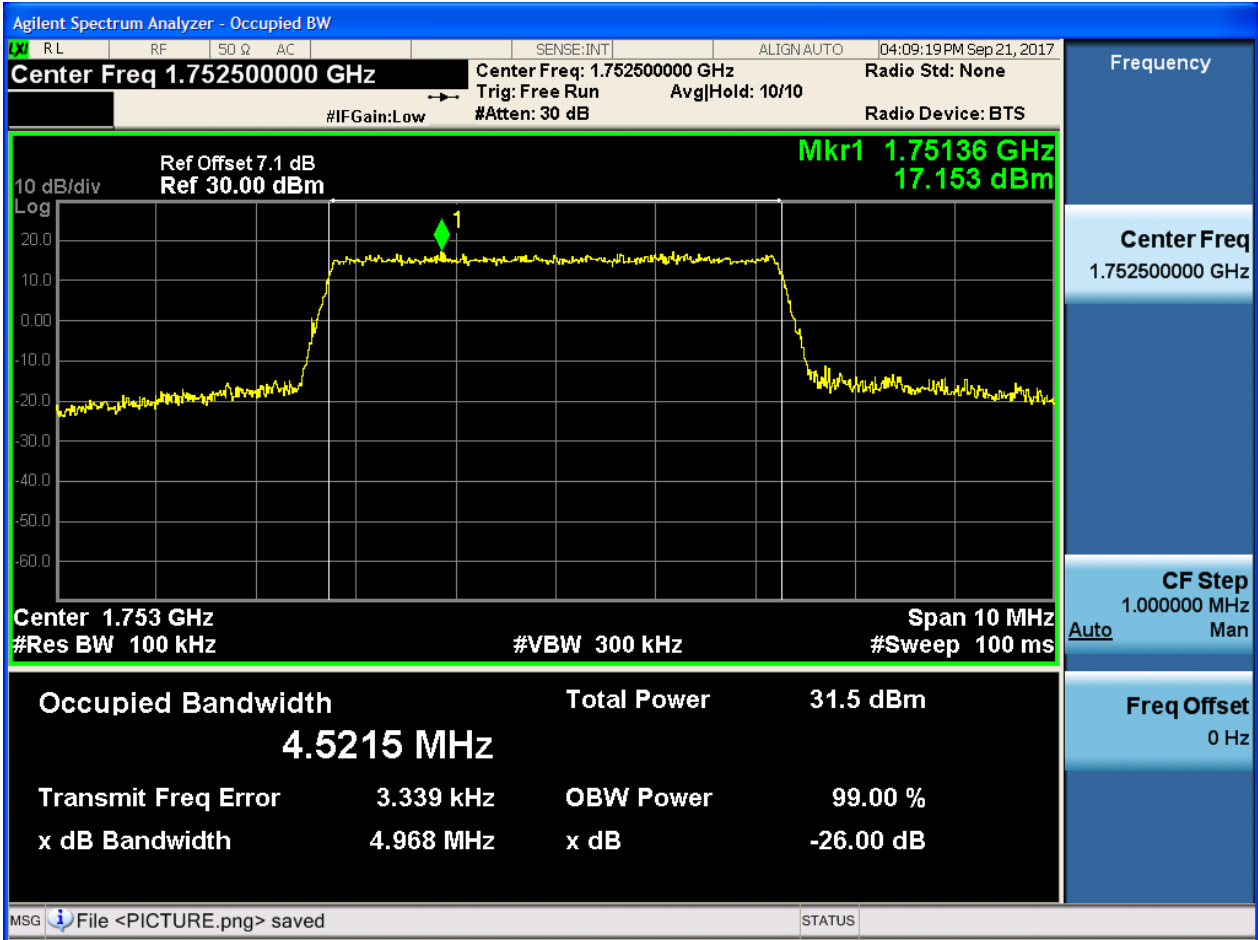
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

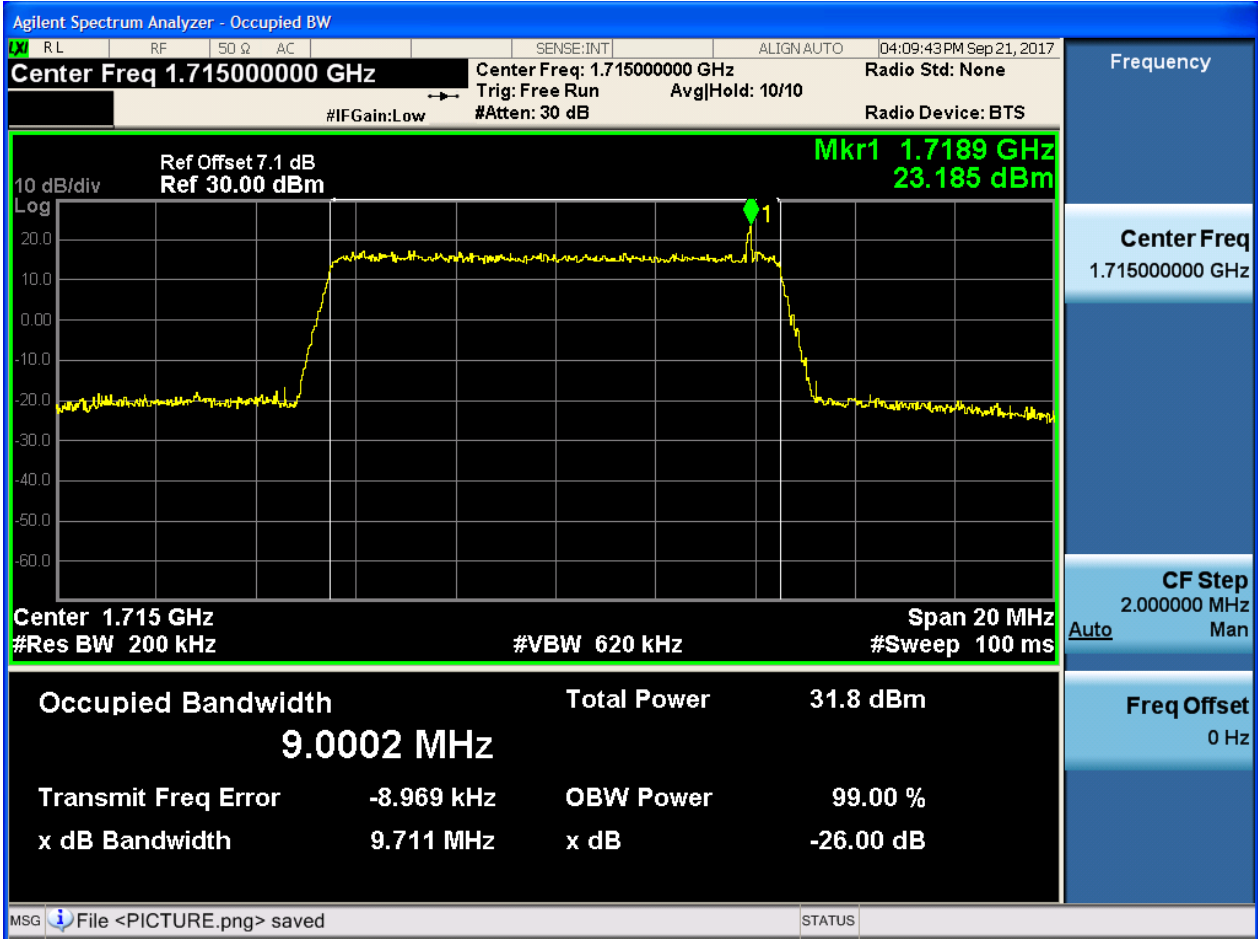
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

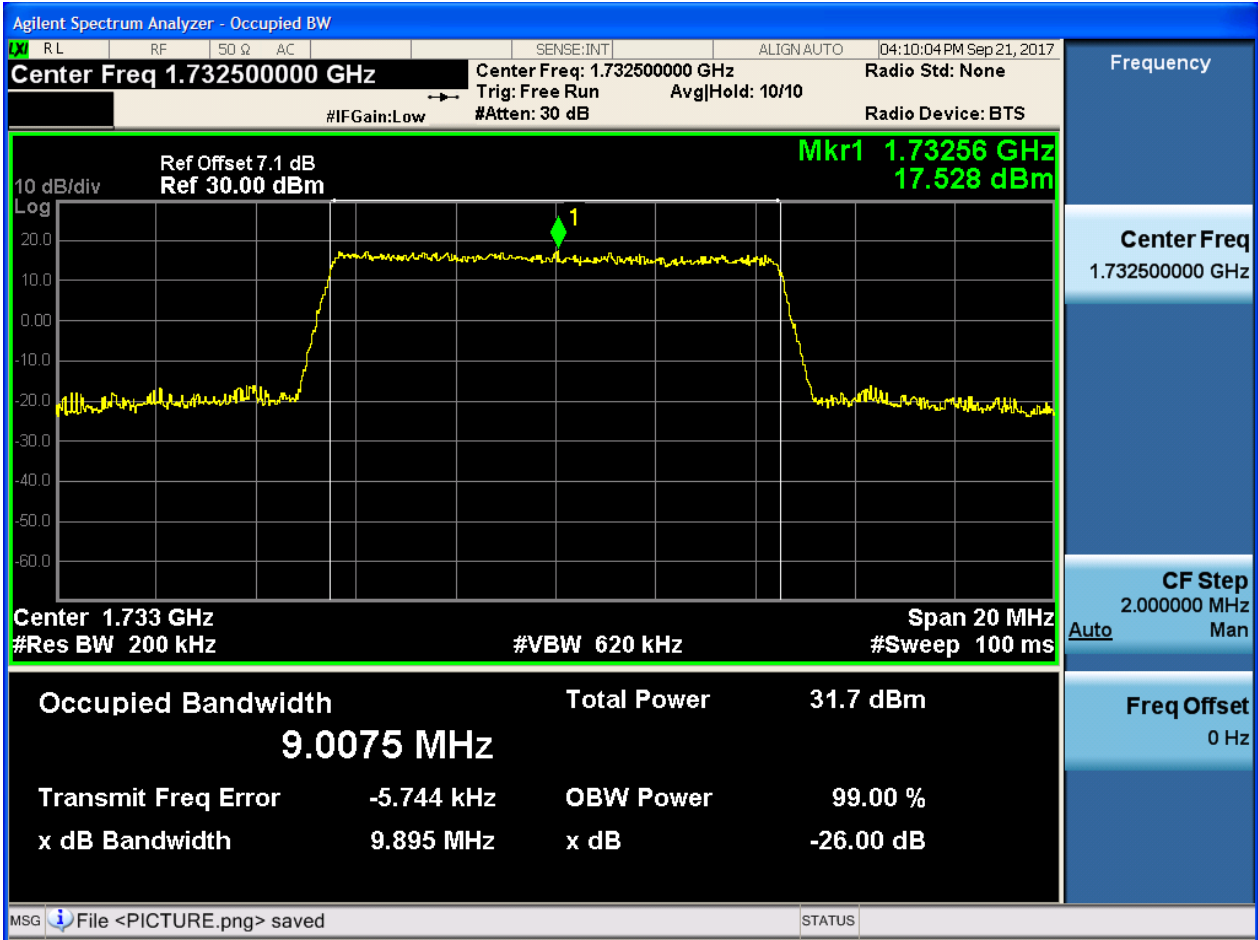
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

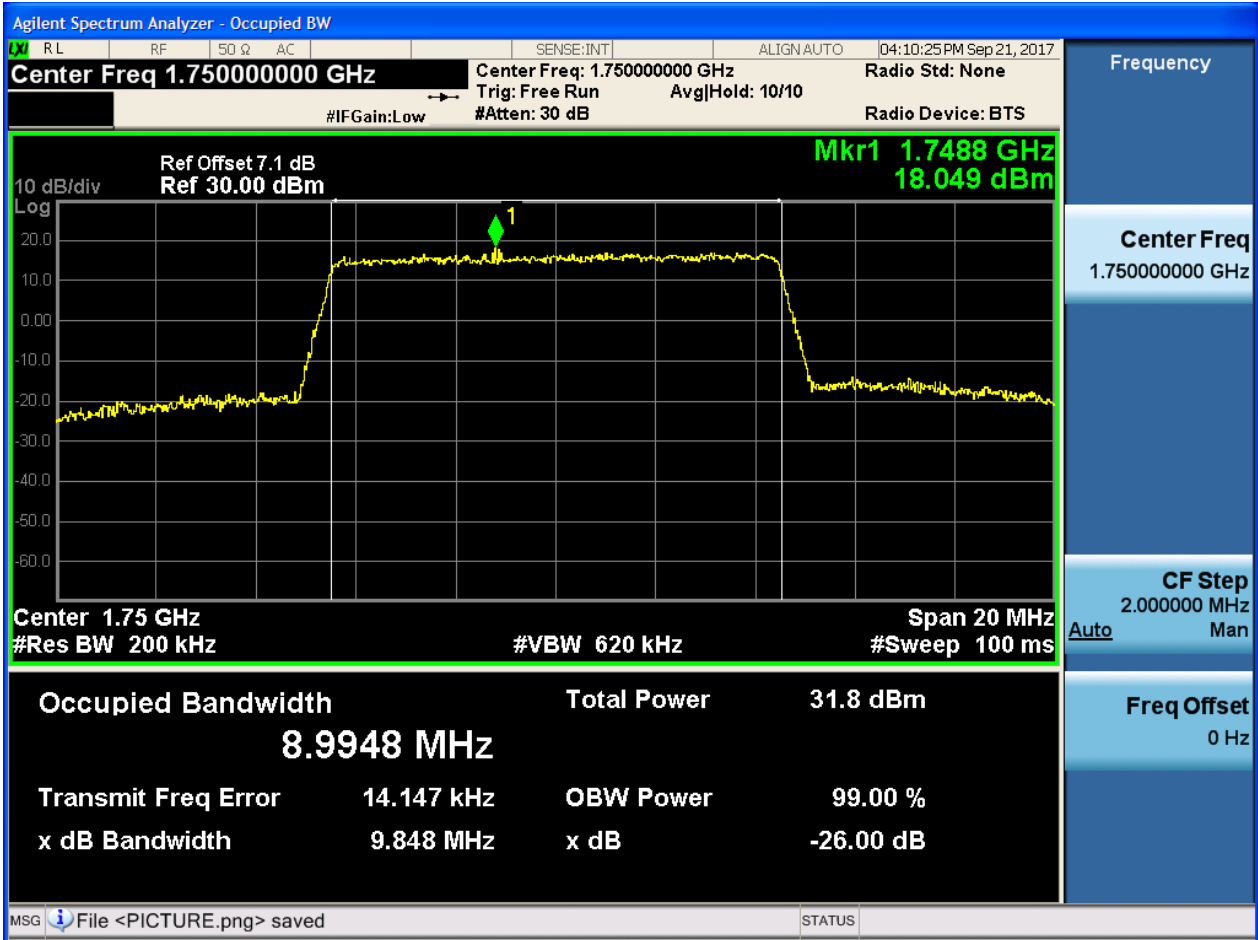
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

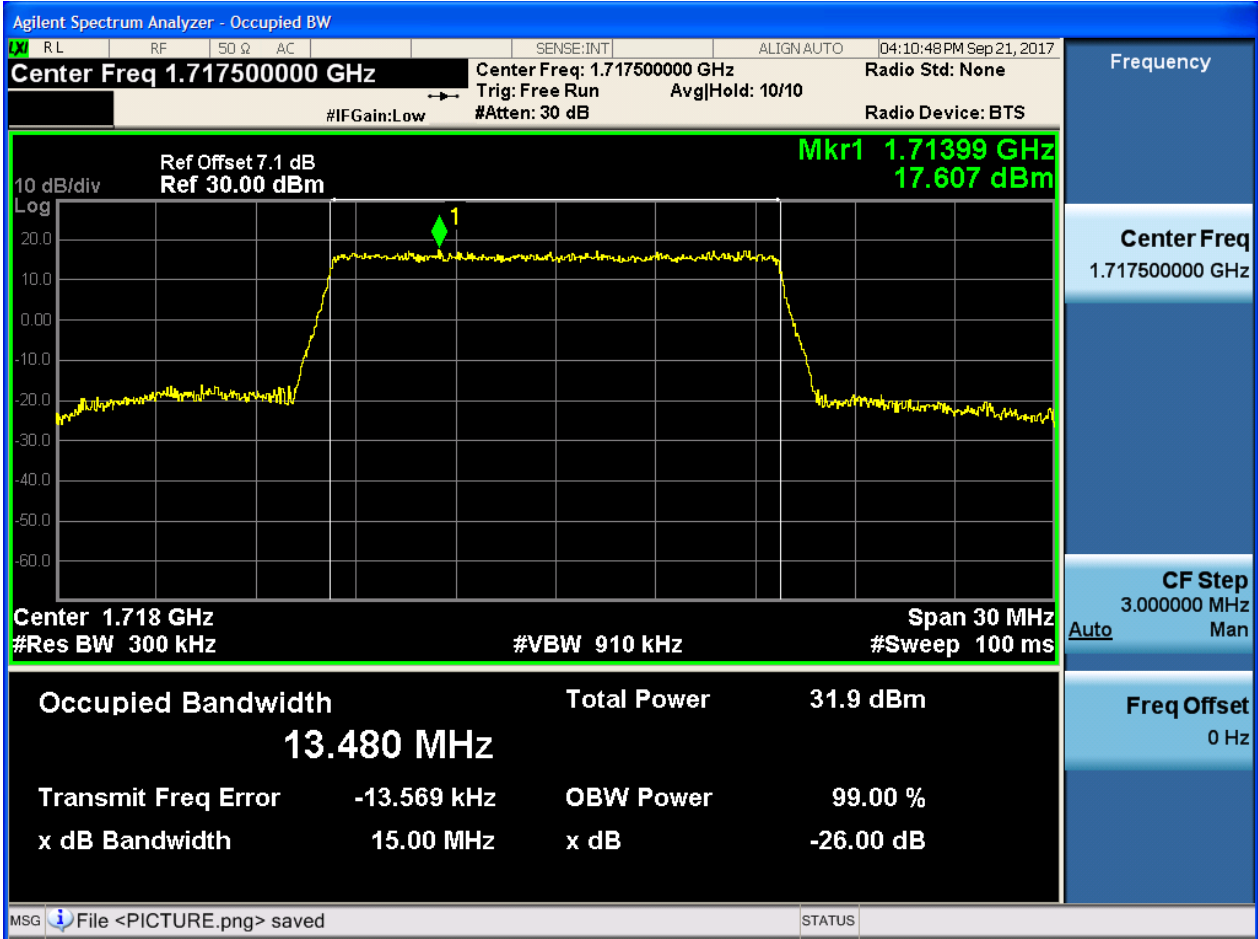




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

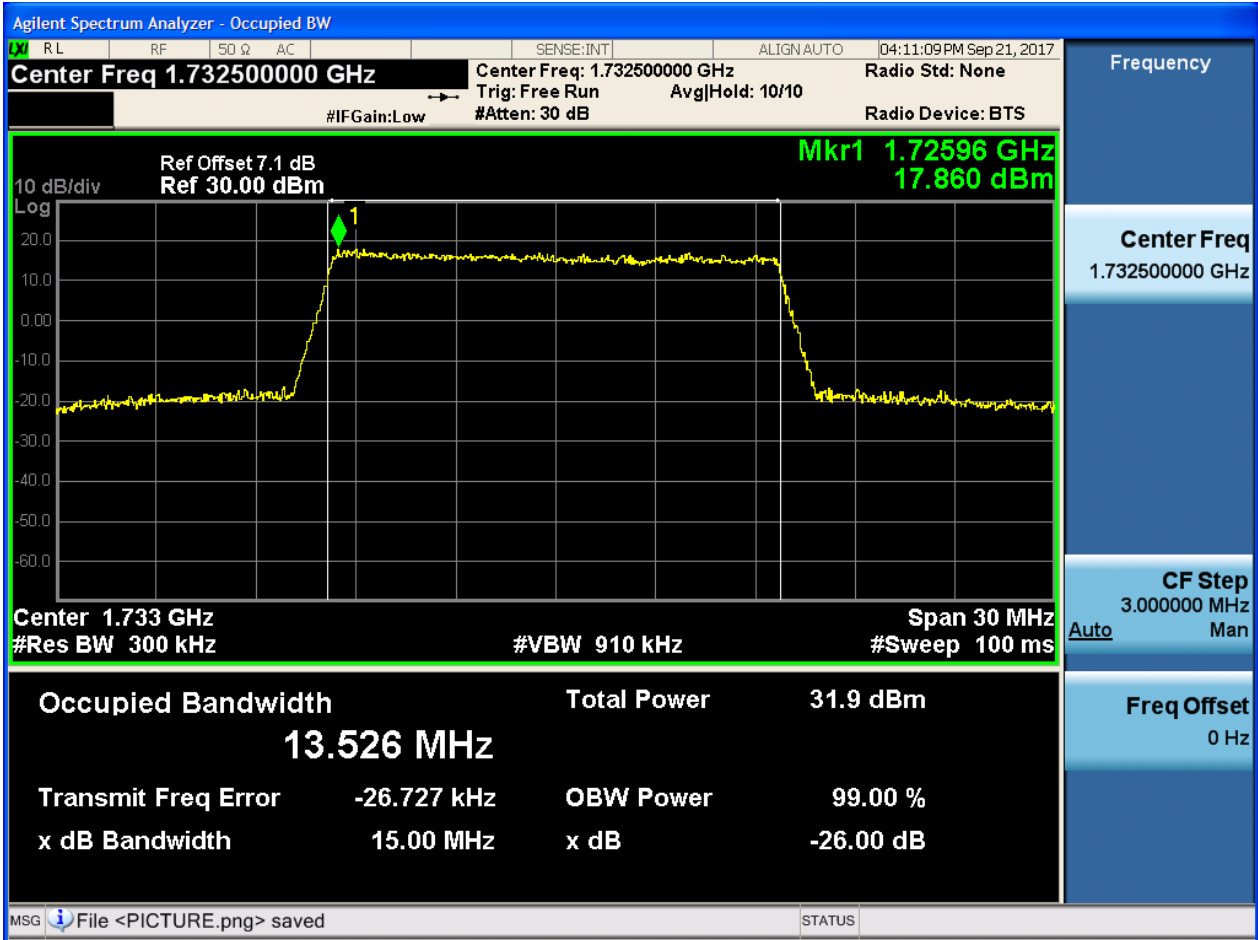
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

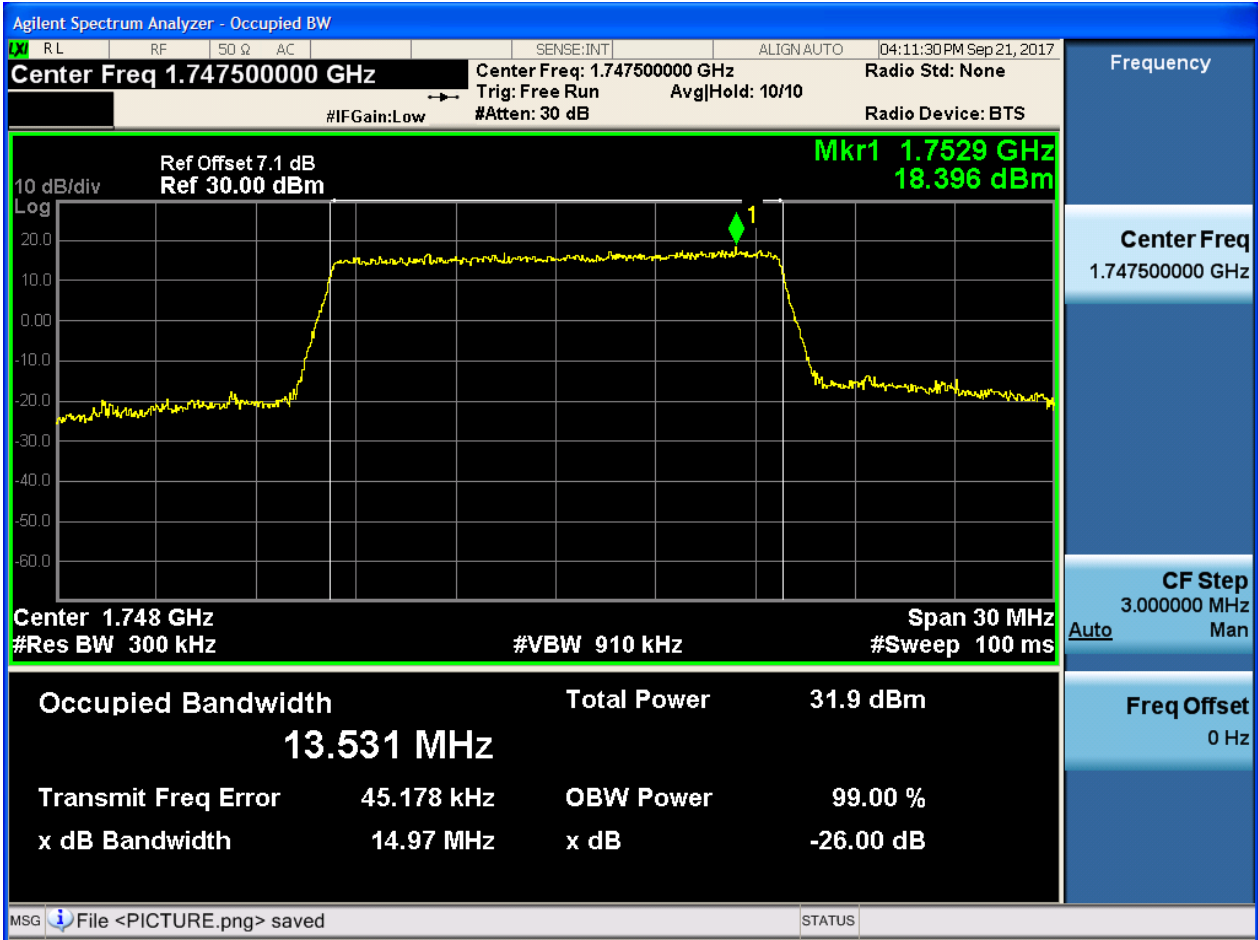
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

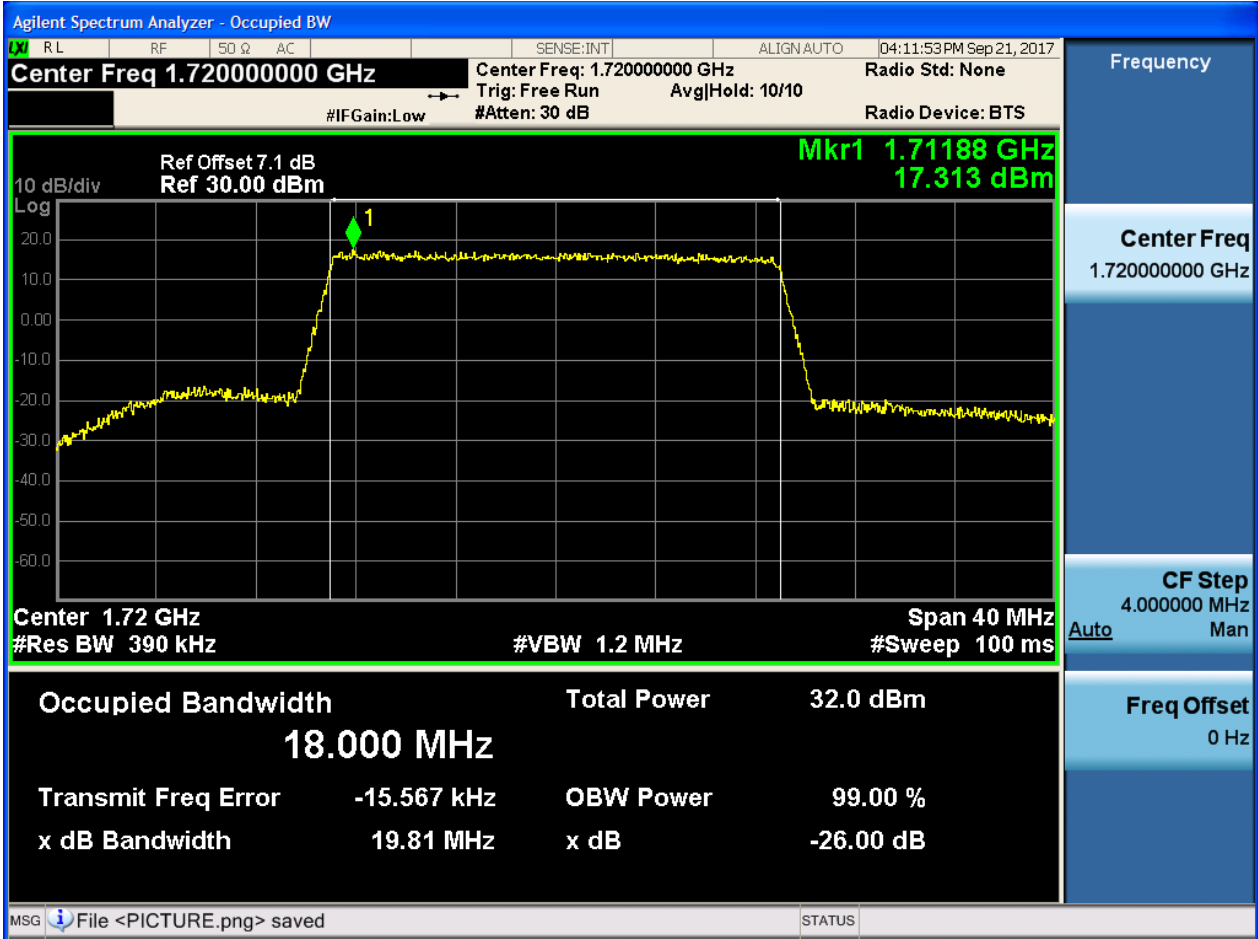




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

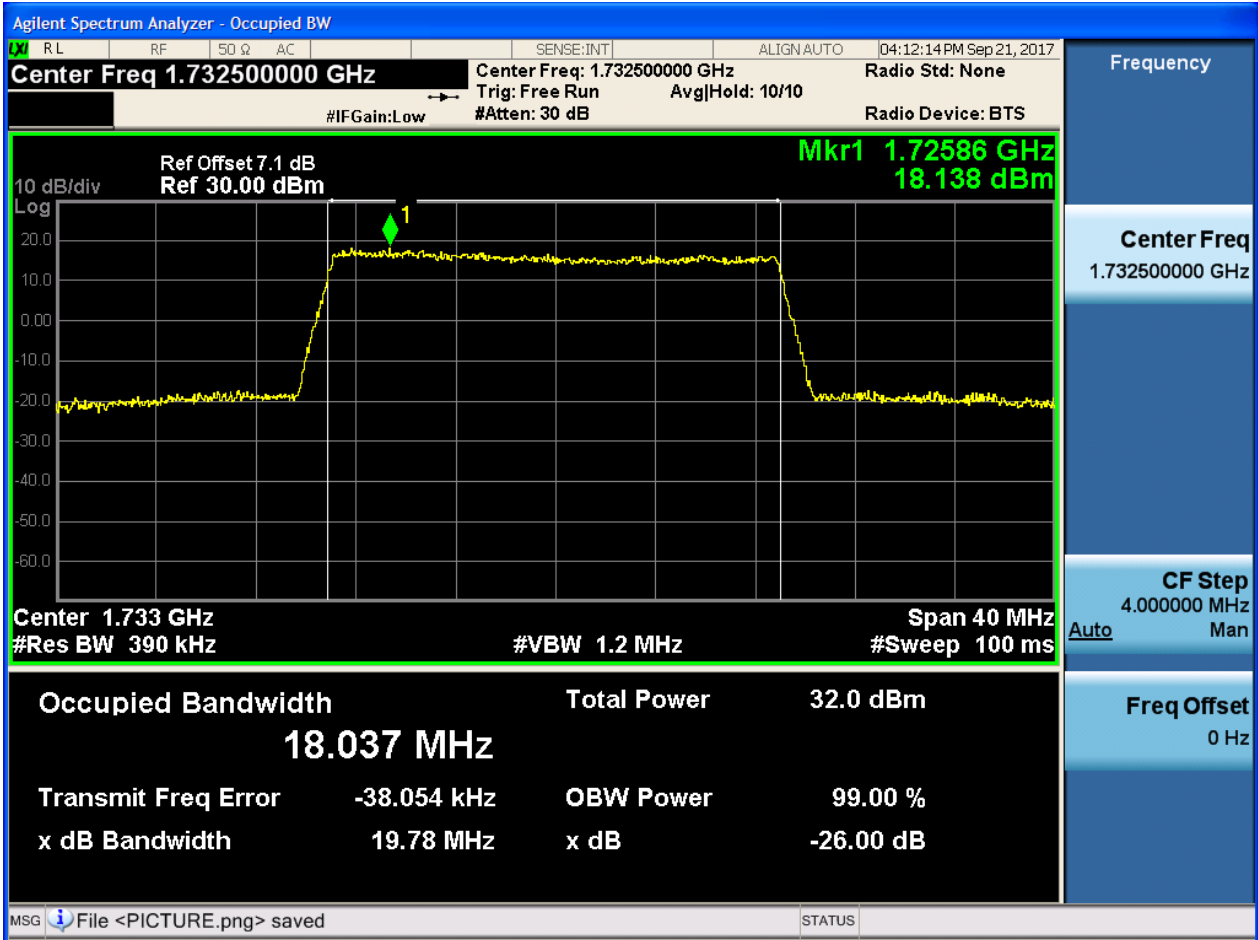
4.1.1.1.6.1.1 Test RB = RB100#0





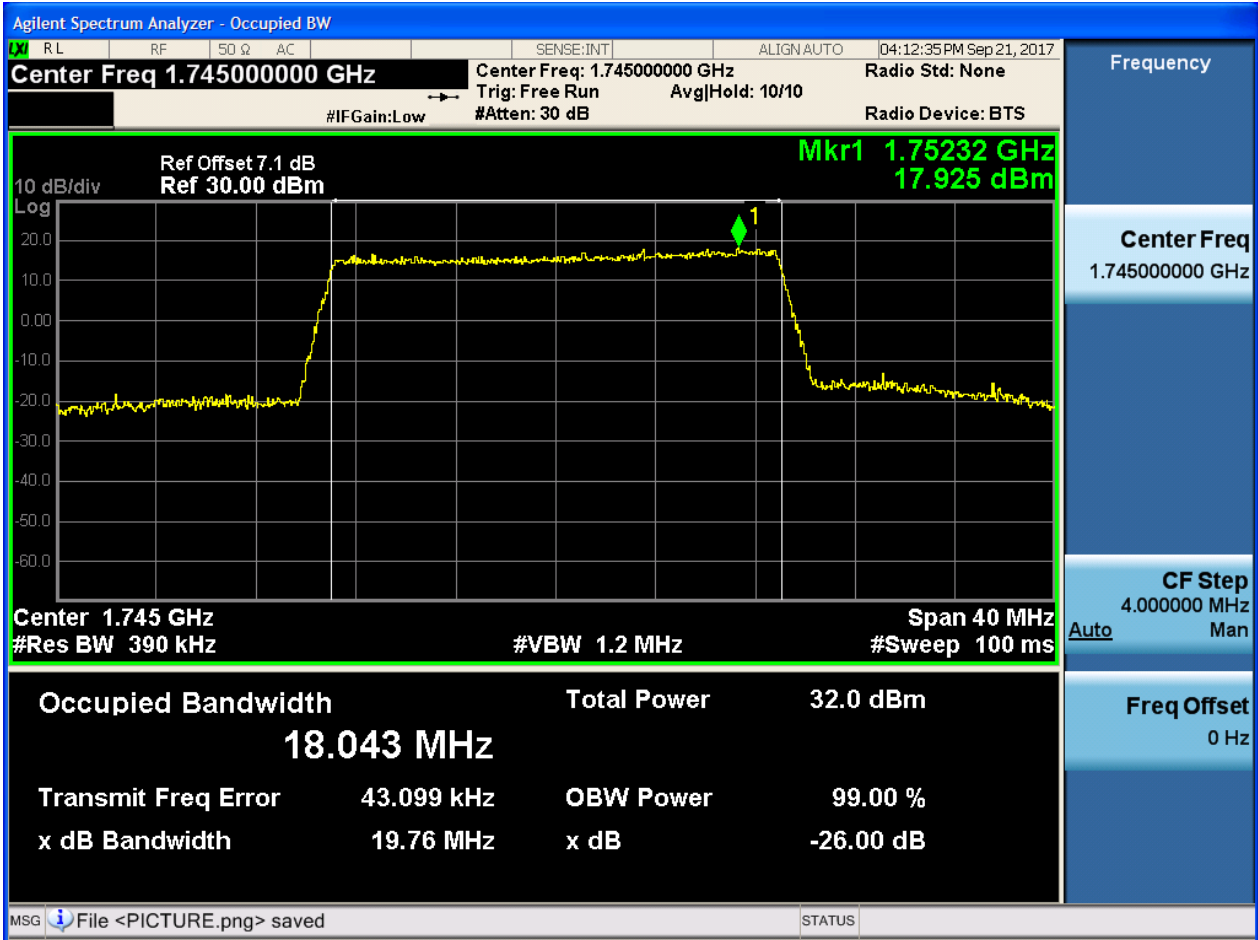
4.1.1.1.6.2 Test Channel = MCH

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



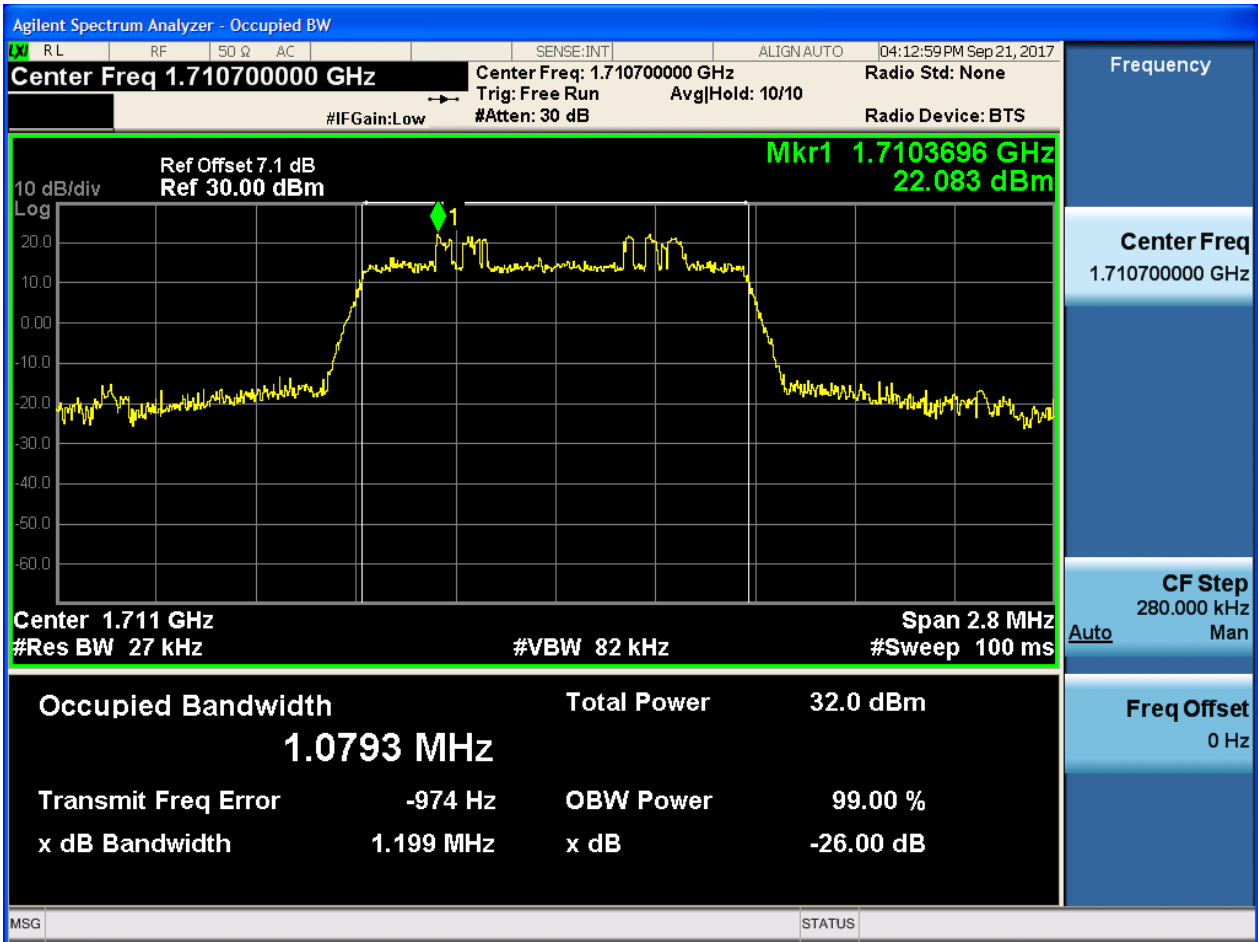


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

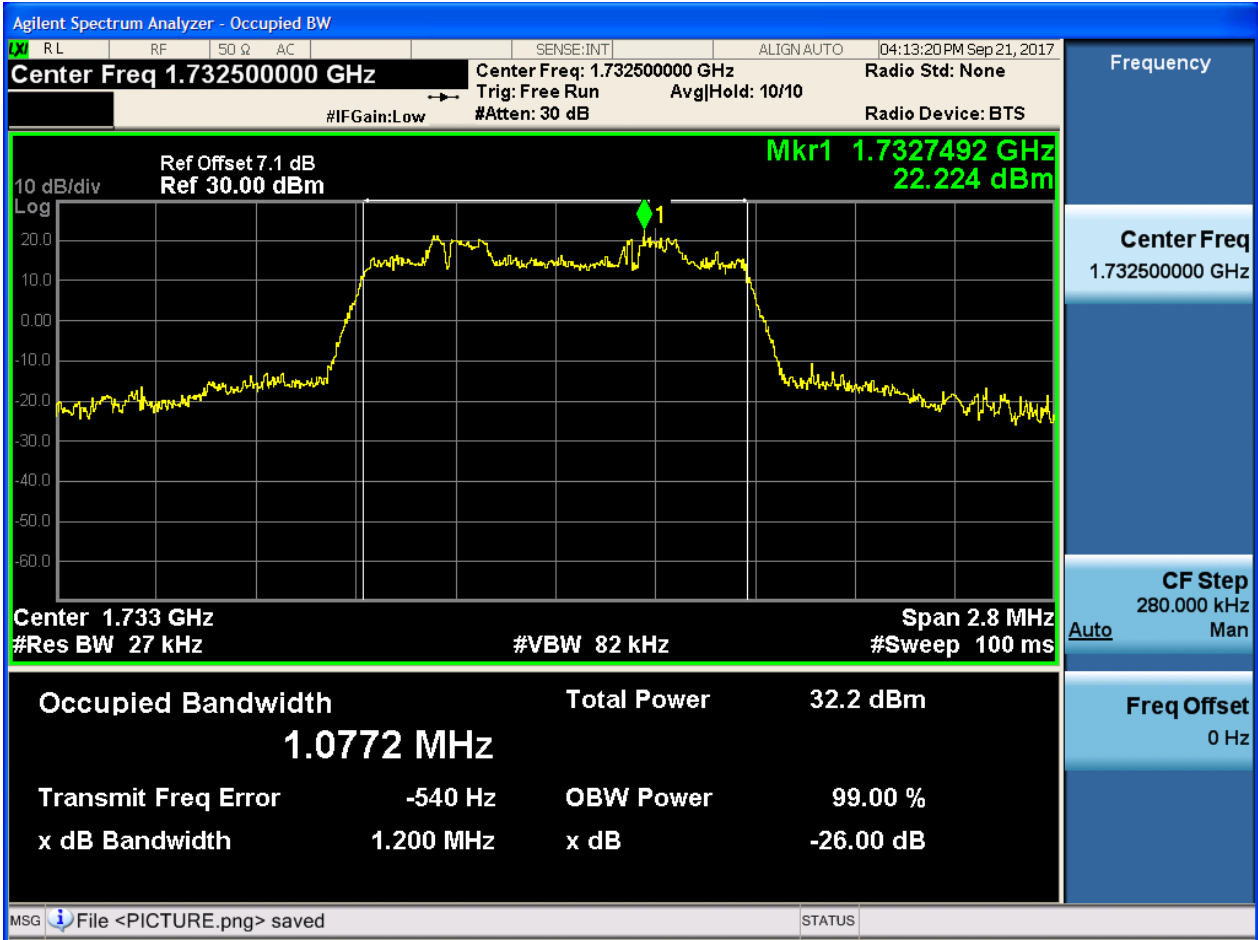
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



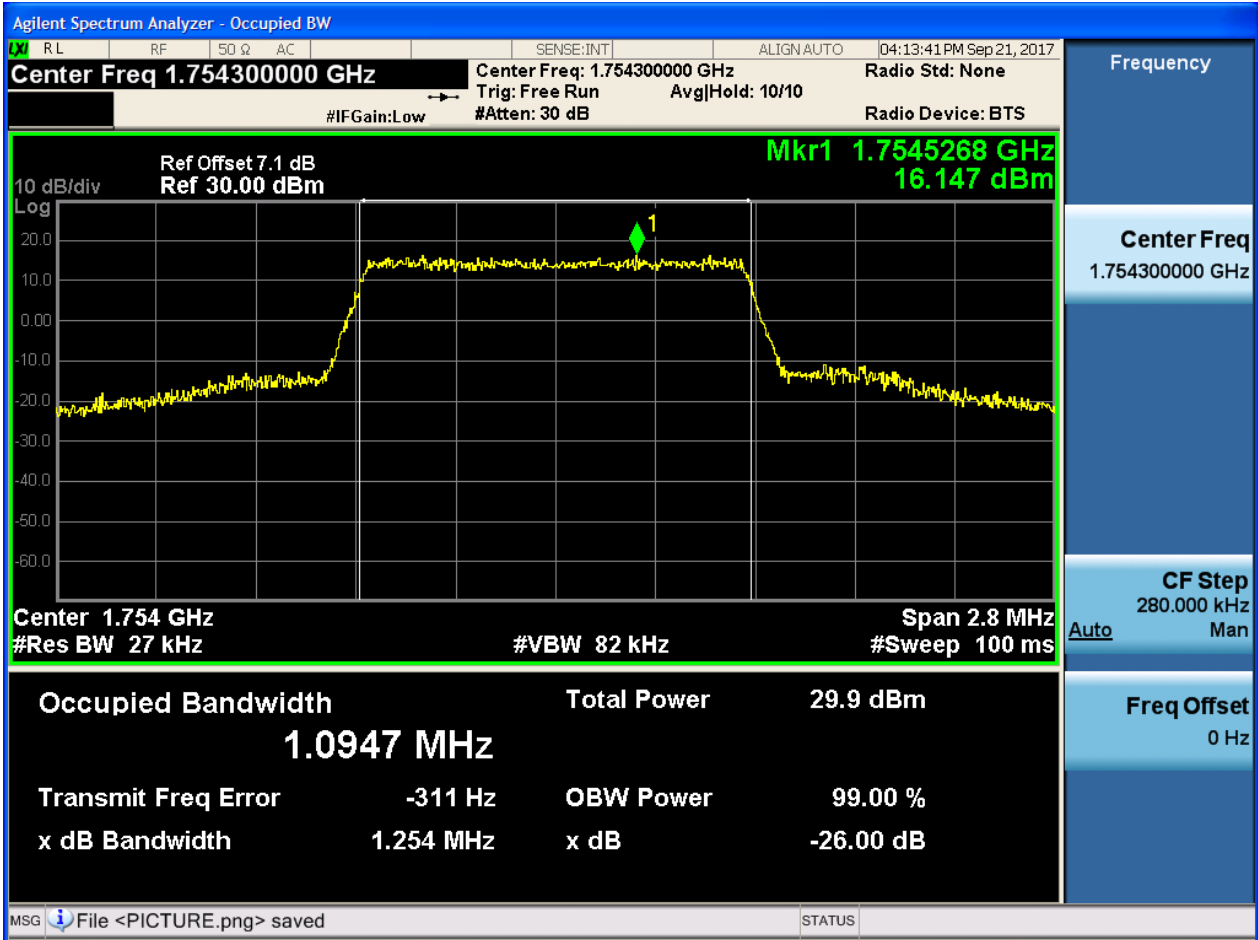
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

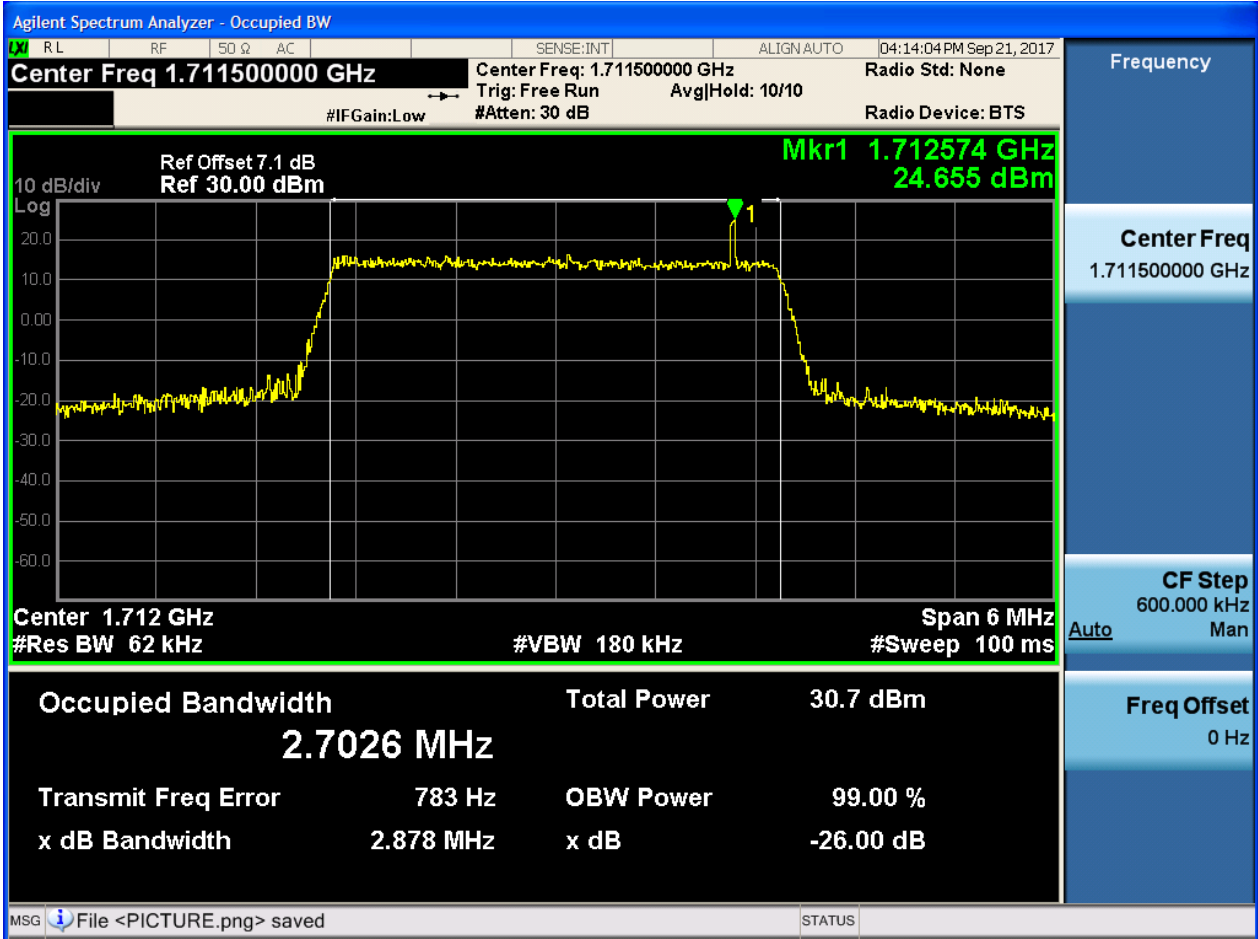
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

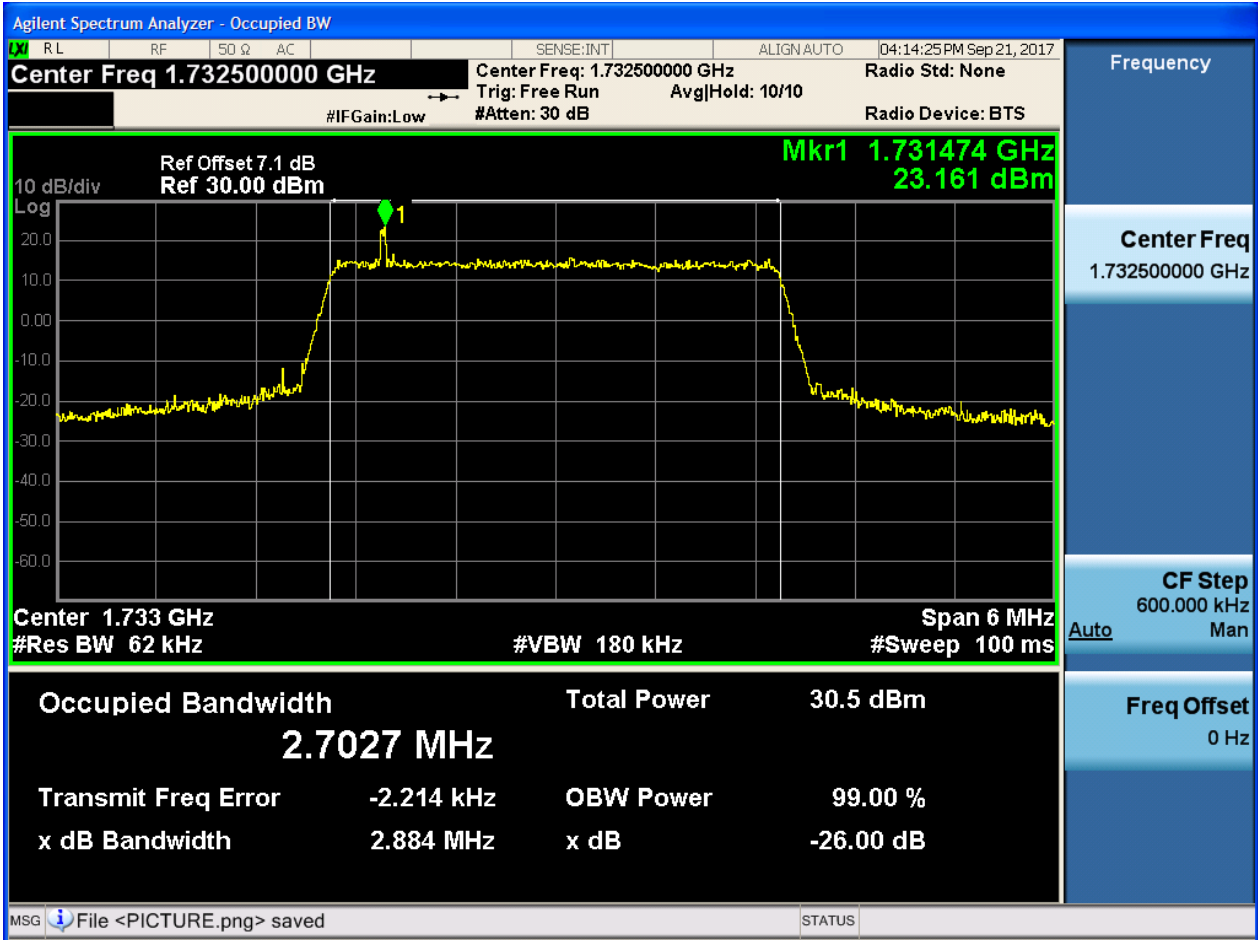
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

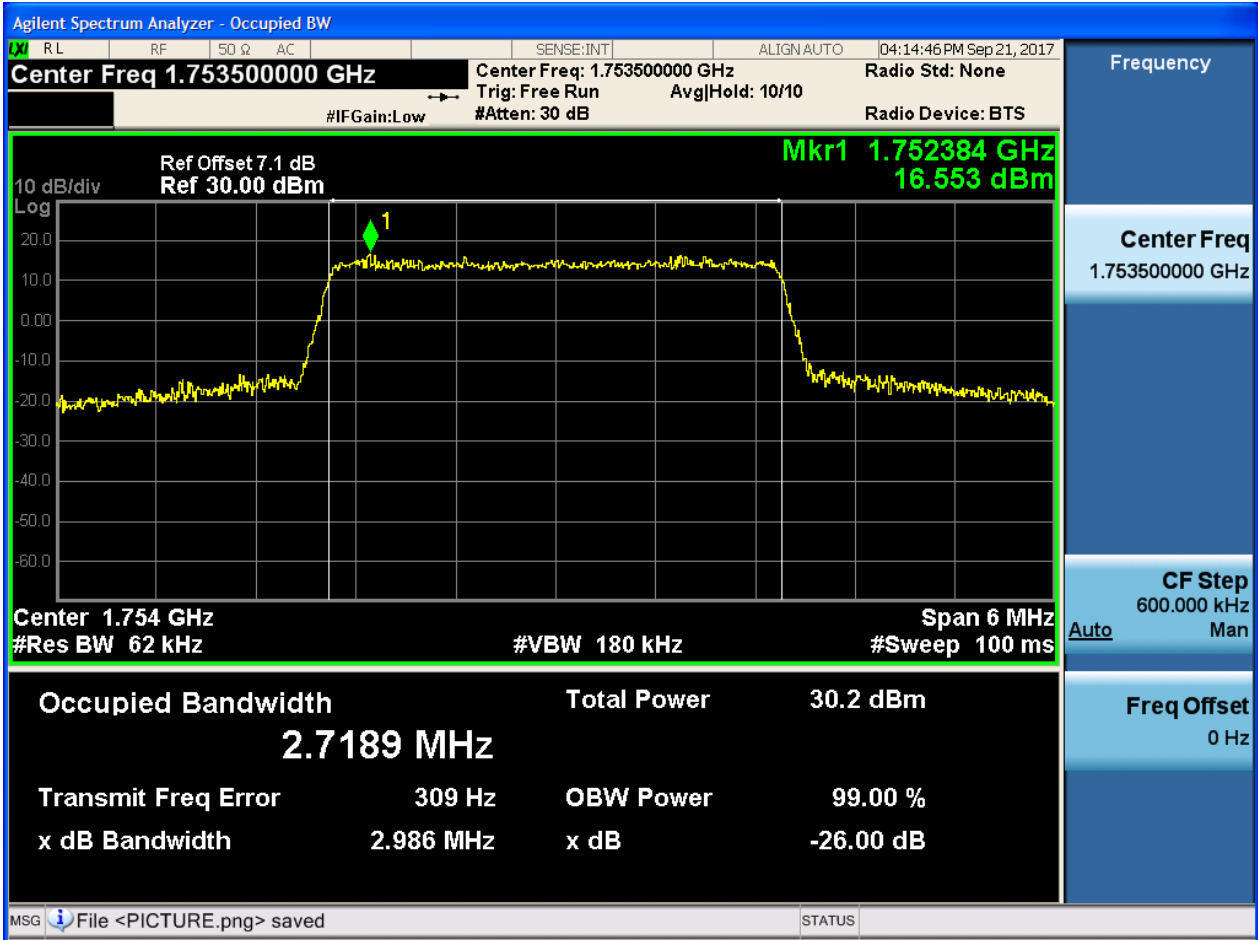
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

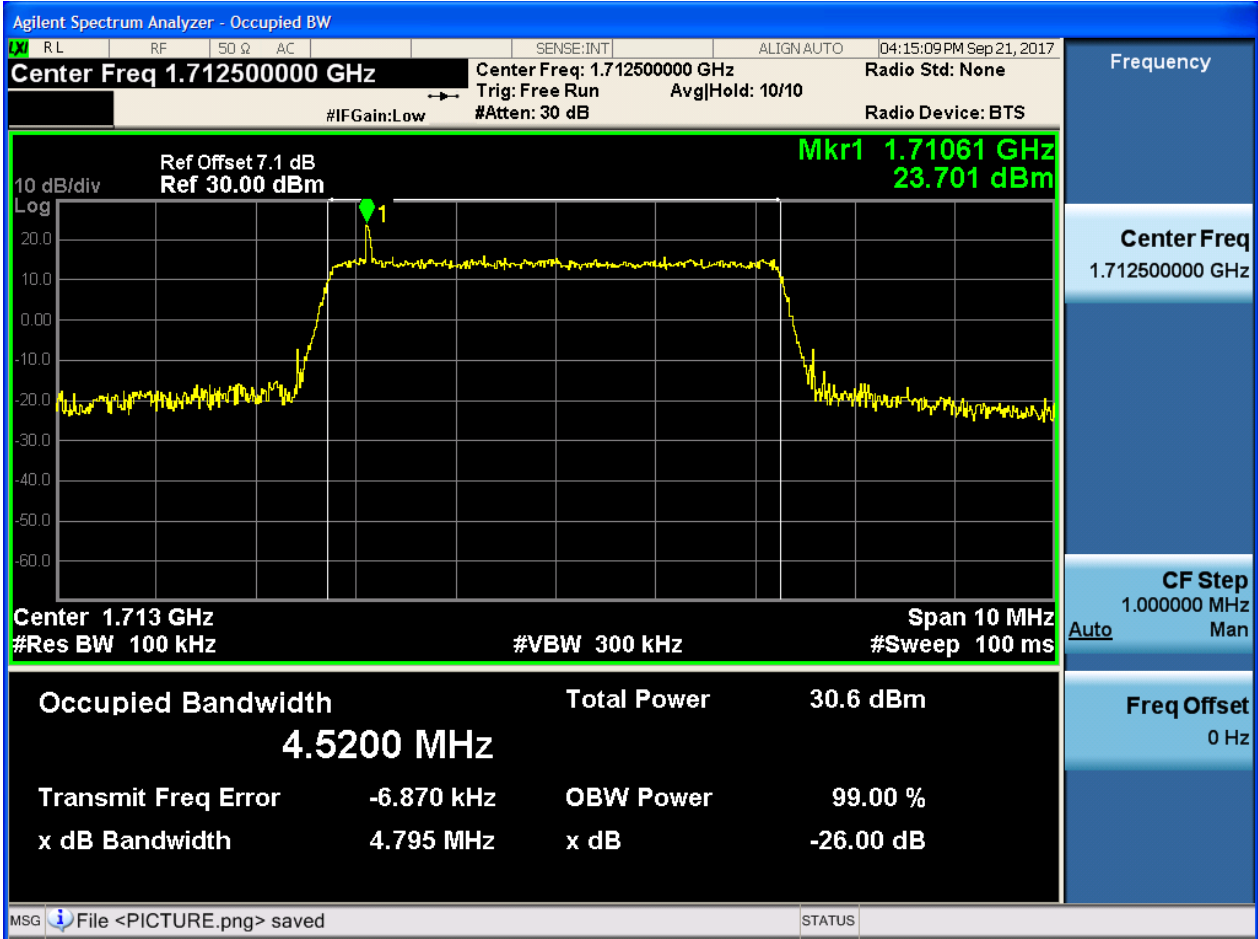




4.1.1.2.3 Test Bandwidth = 5

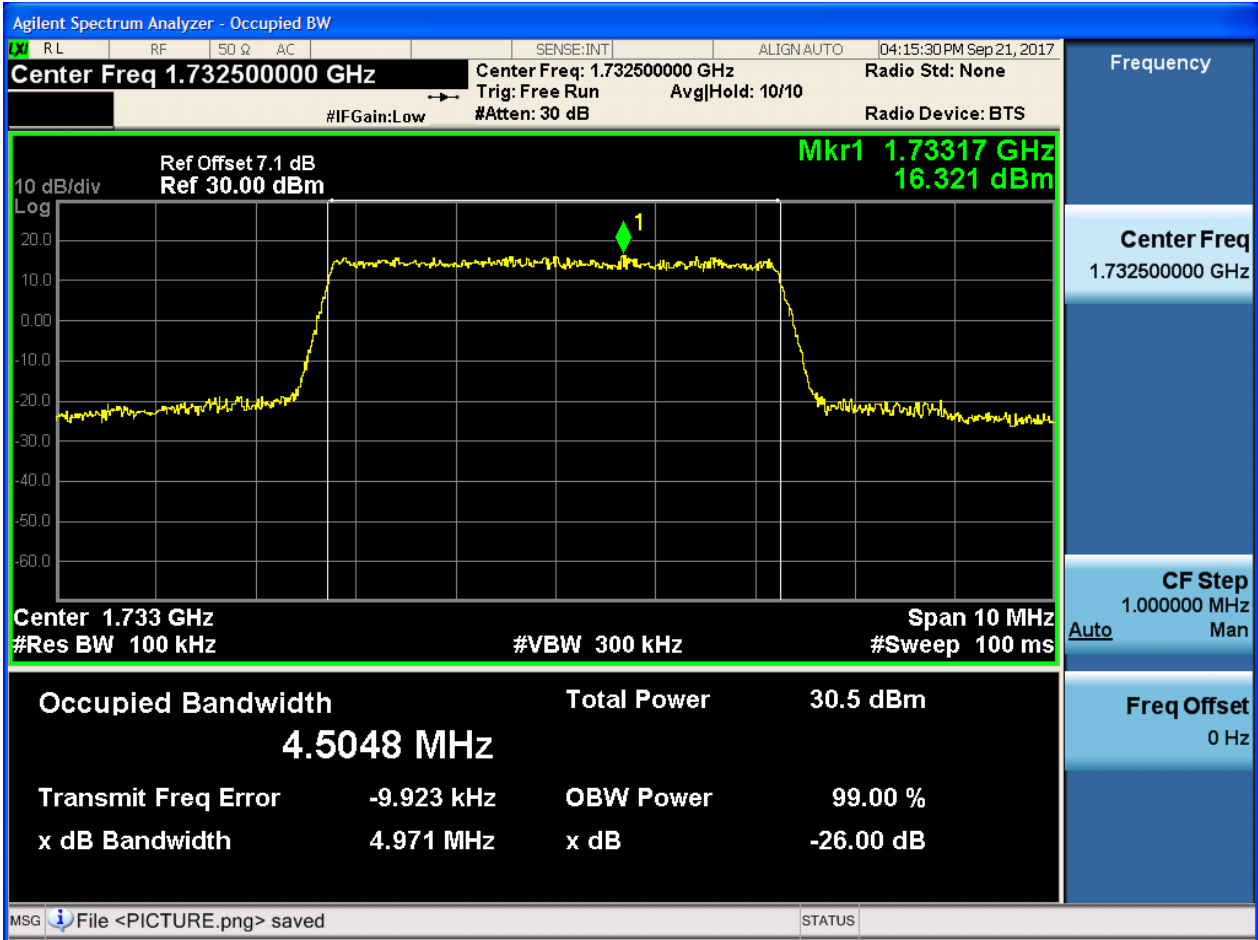
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



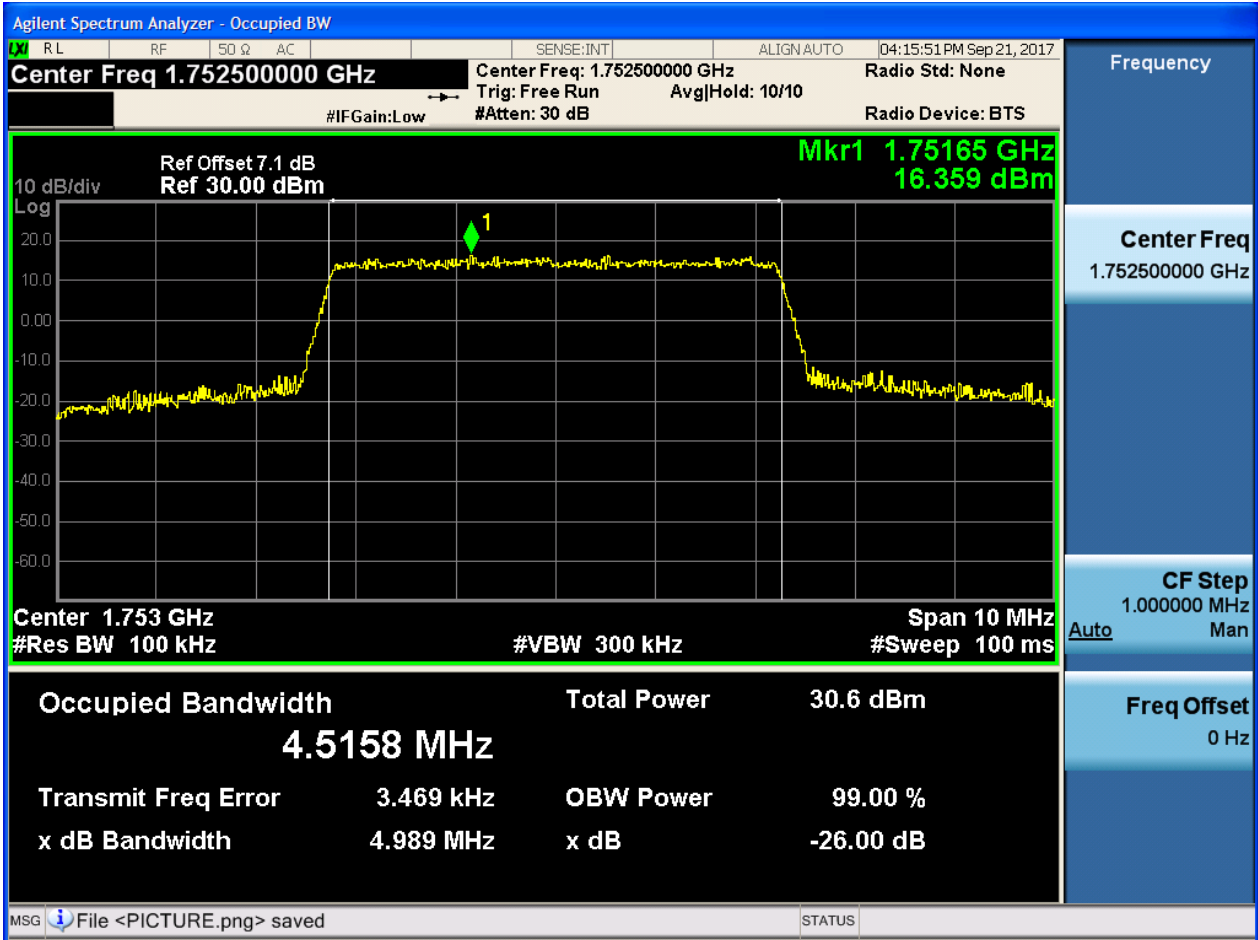
4.1.1.2.3.2 Test Channel = MCH

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

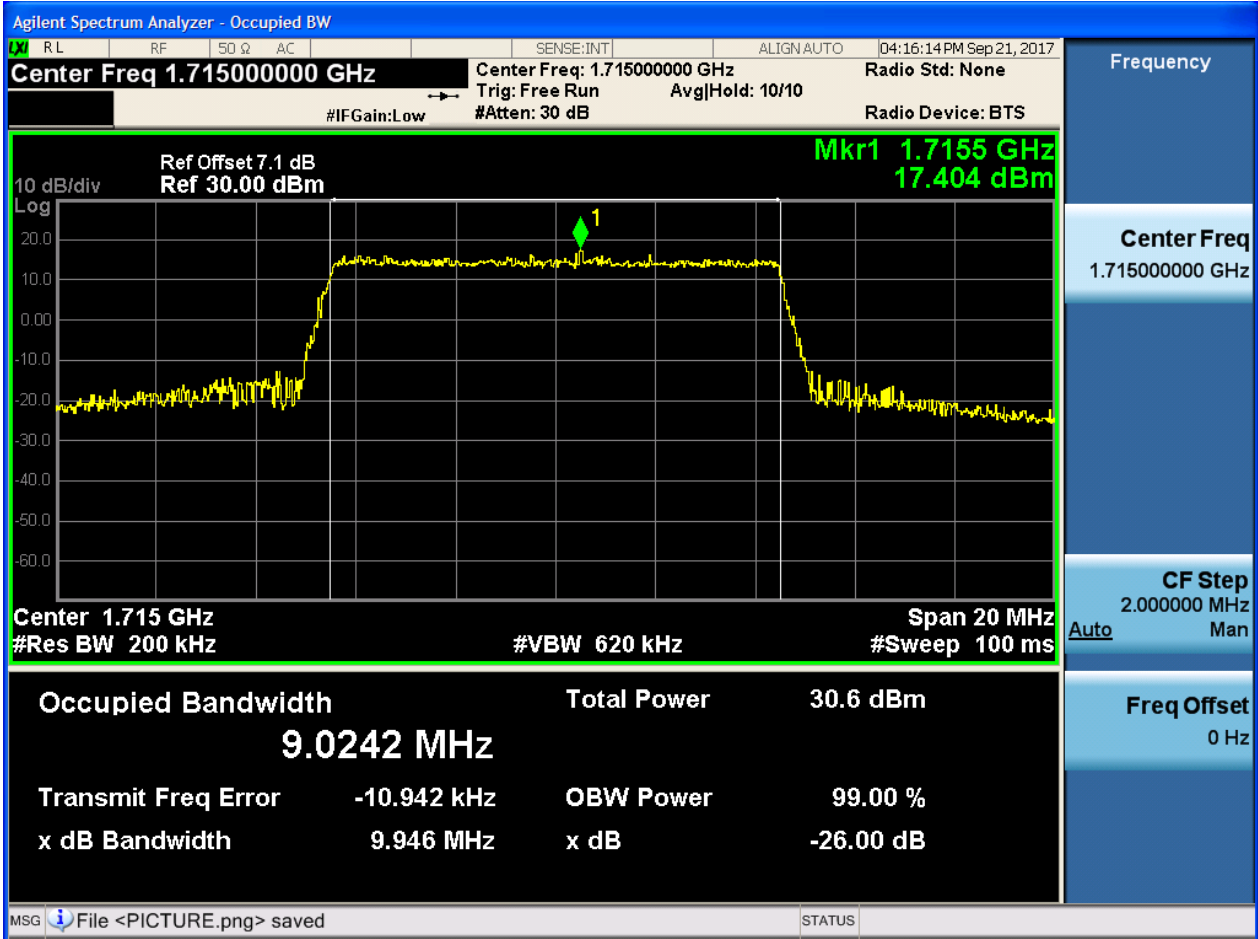




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

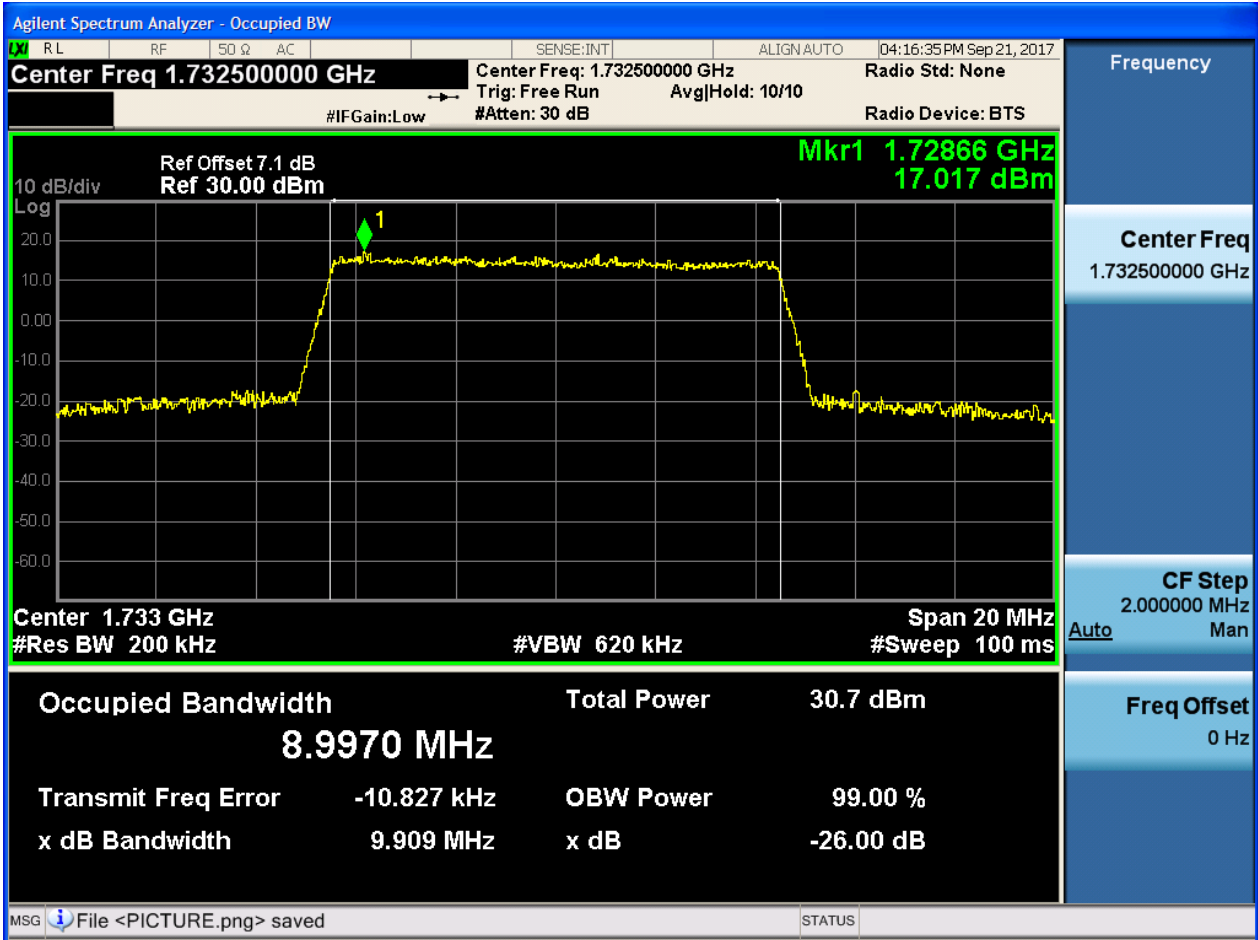
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

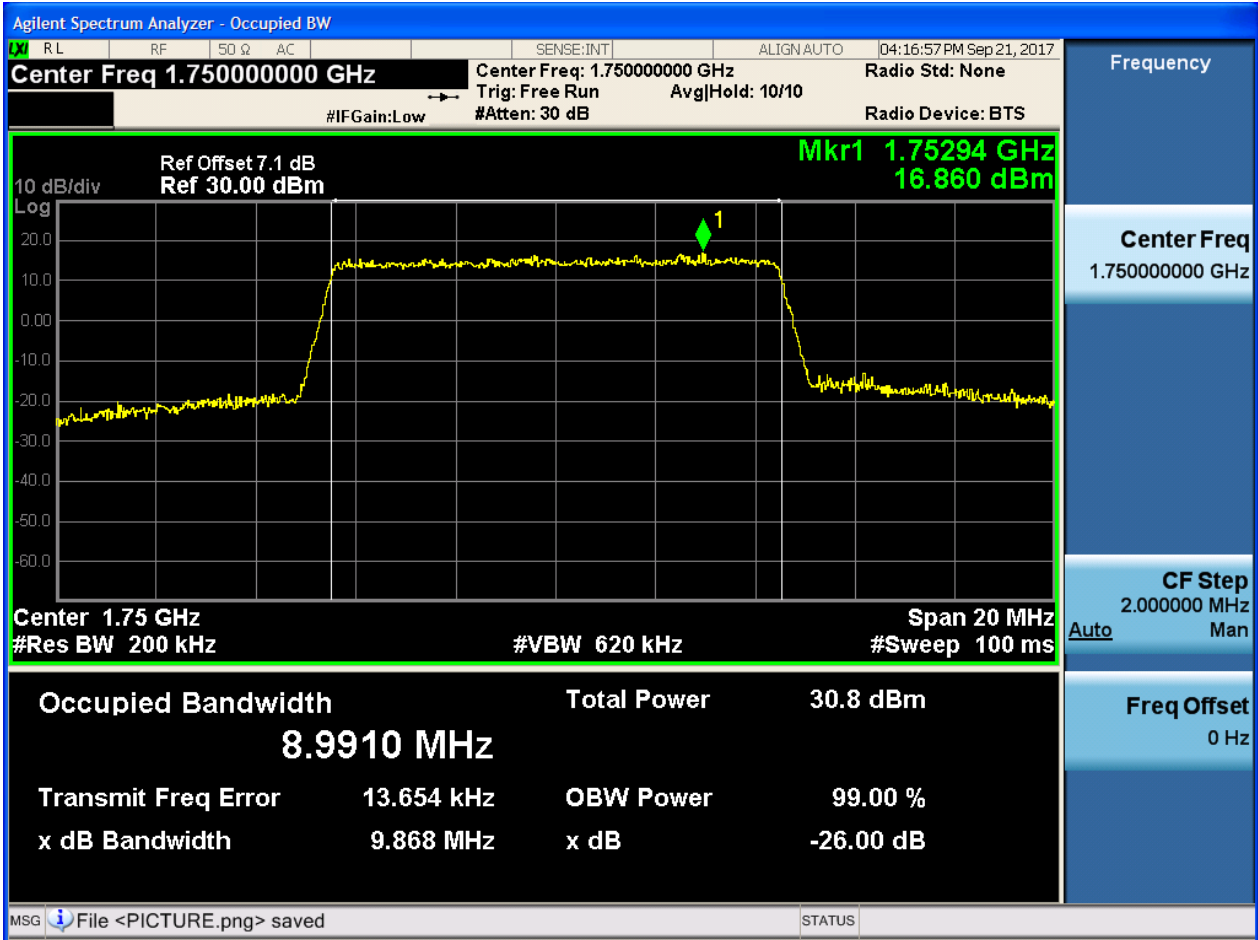
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

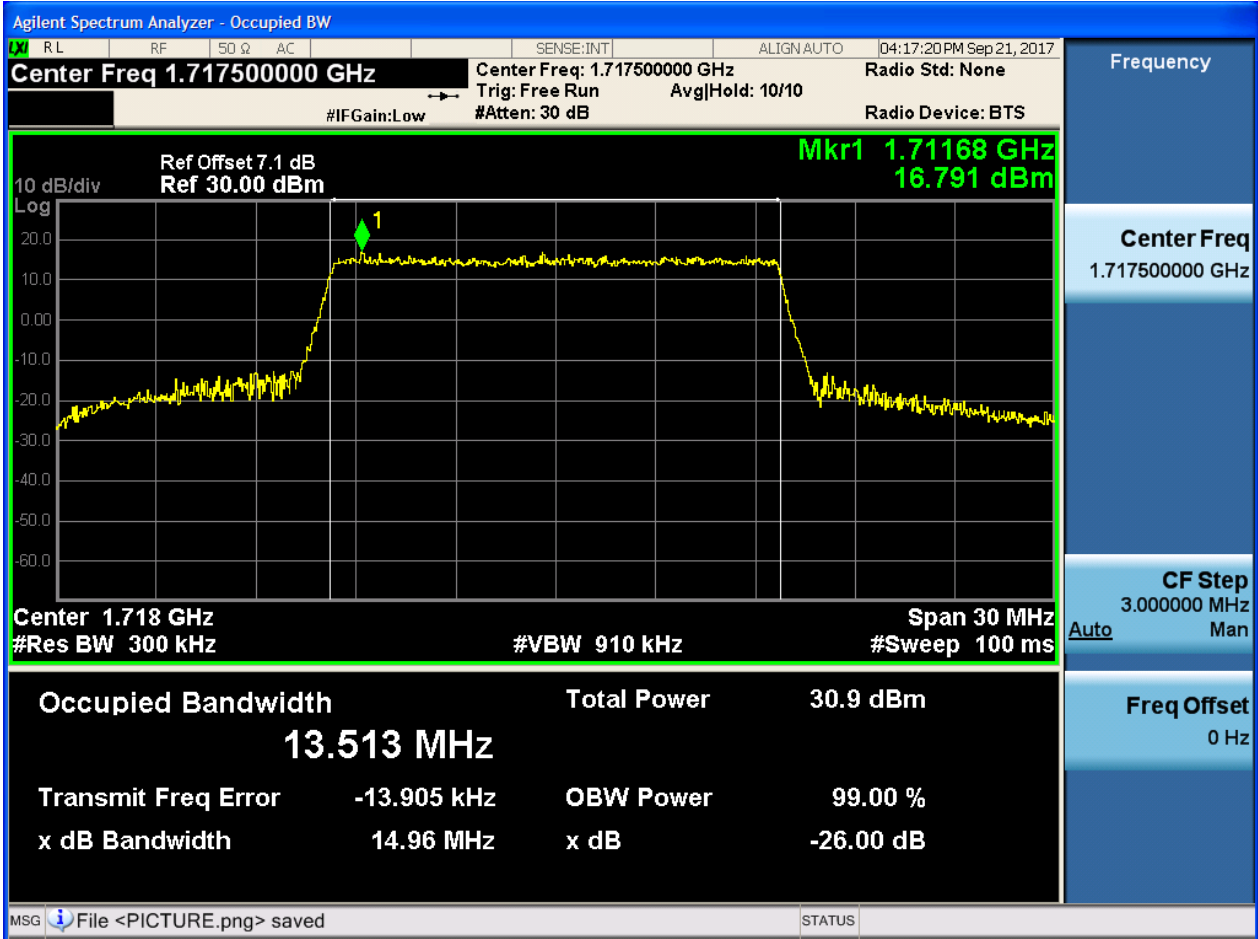




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

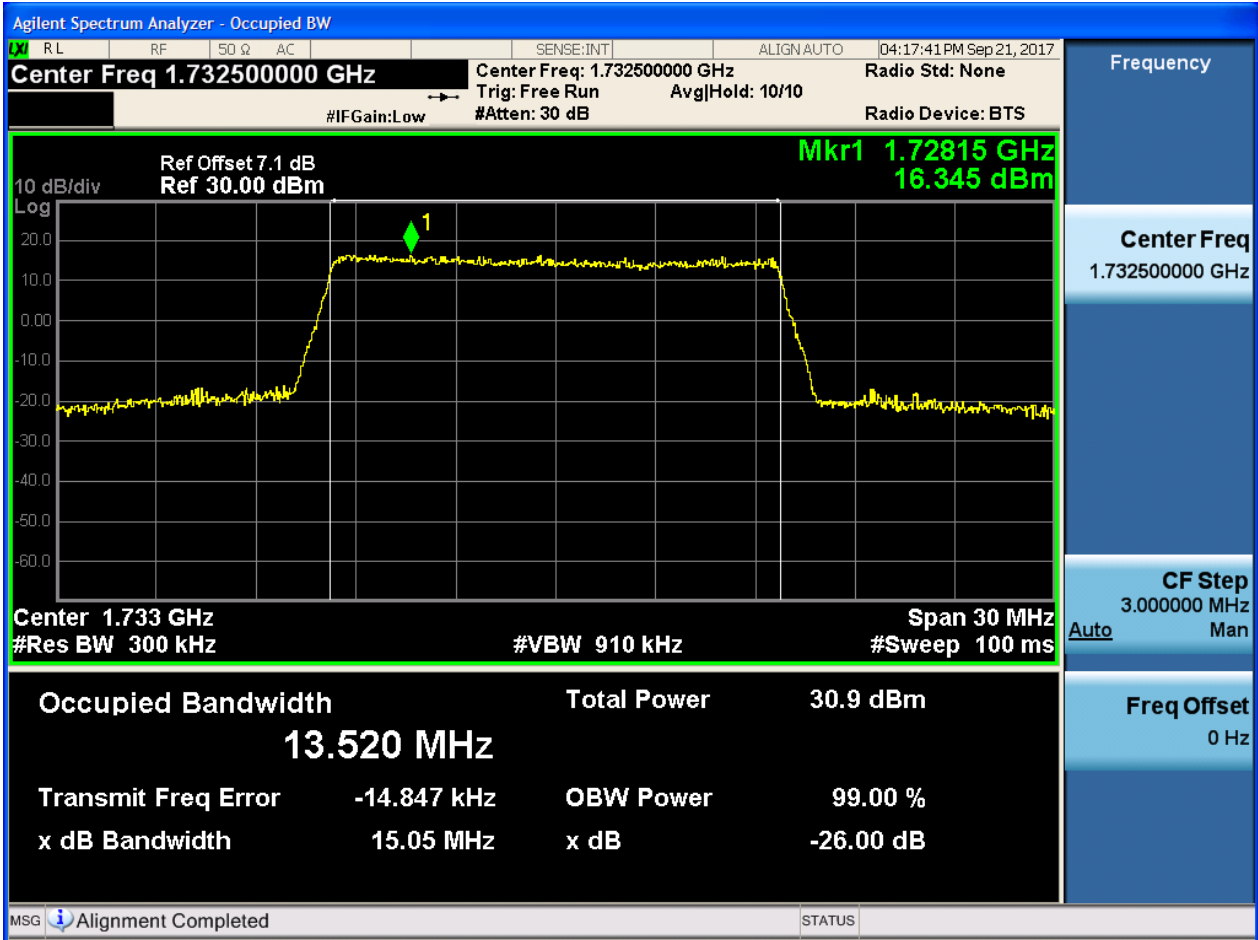
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

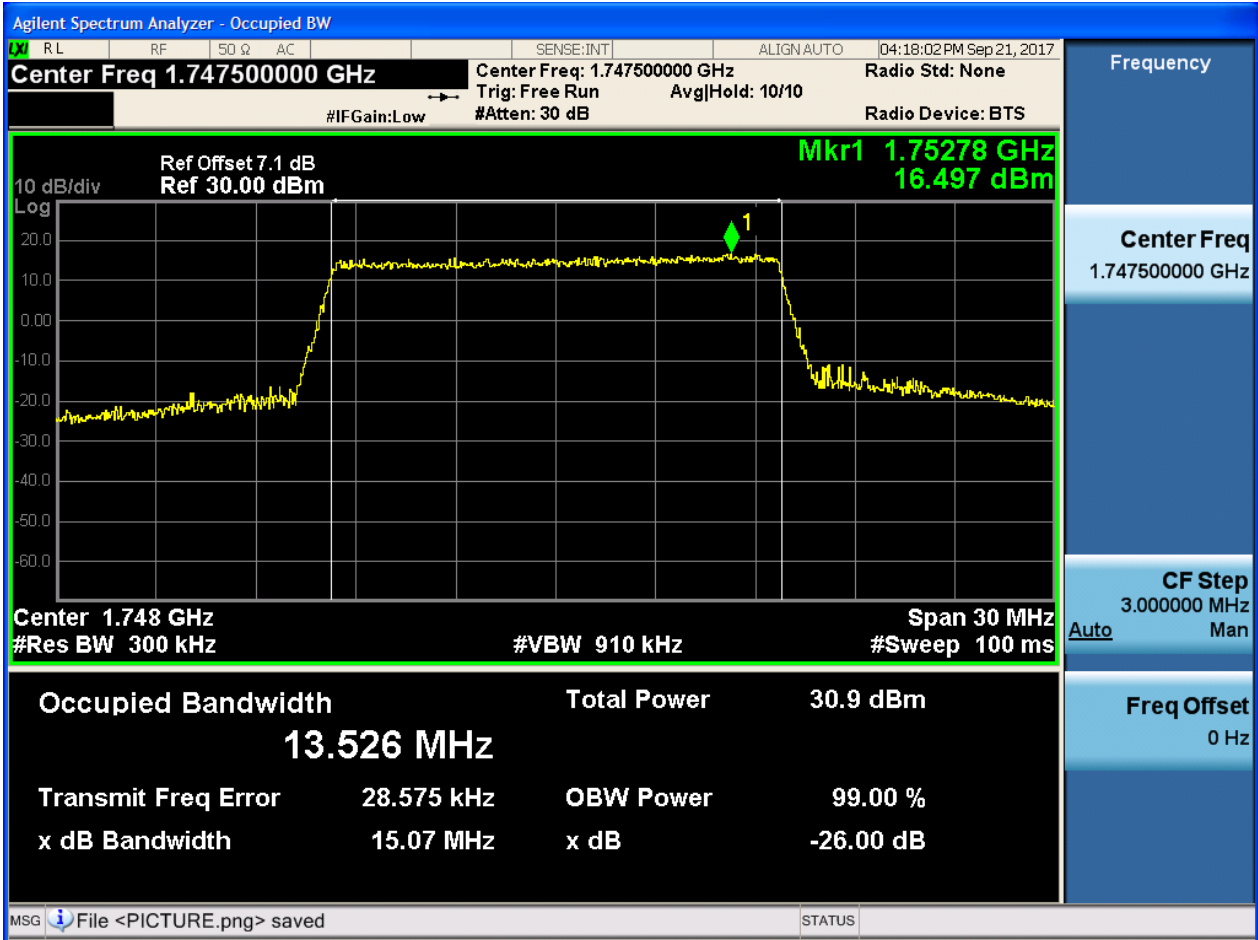
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

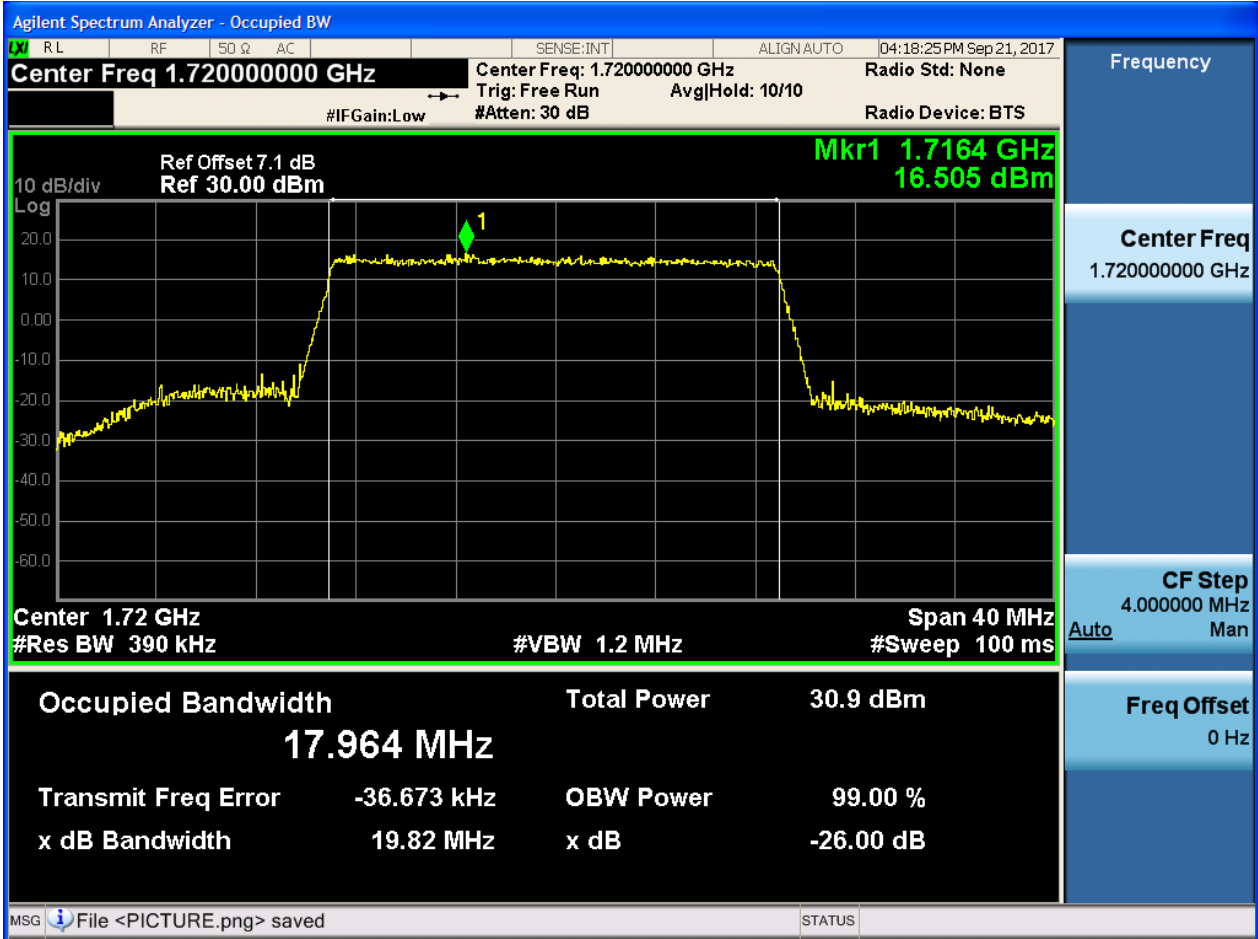




4.1.1.2.6 Test Bandwidth = 20

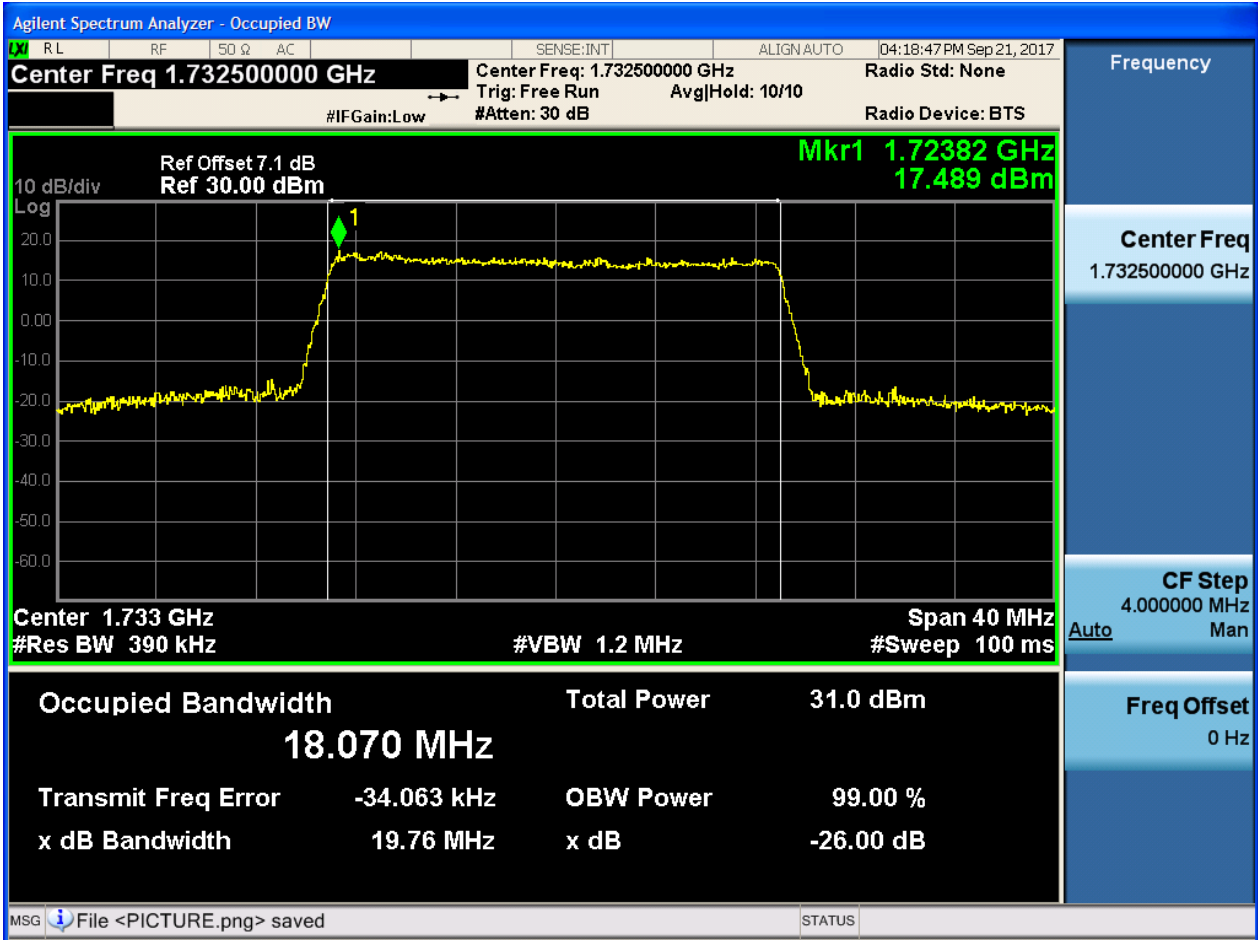
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



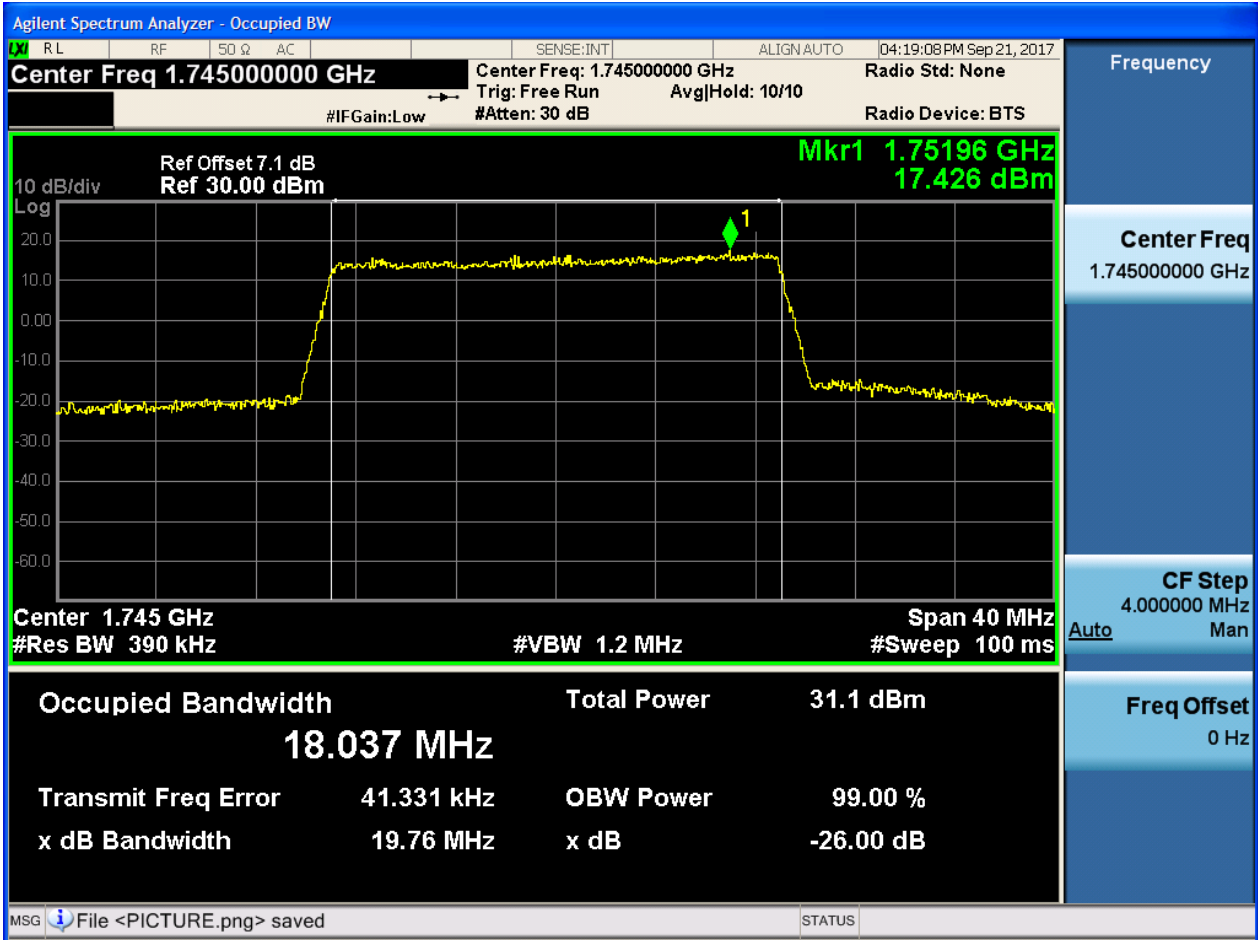
4.1.1.2.6.2 Test Channel = MCH

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

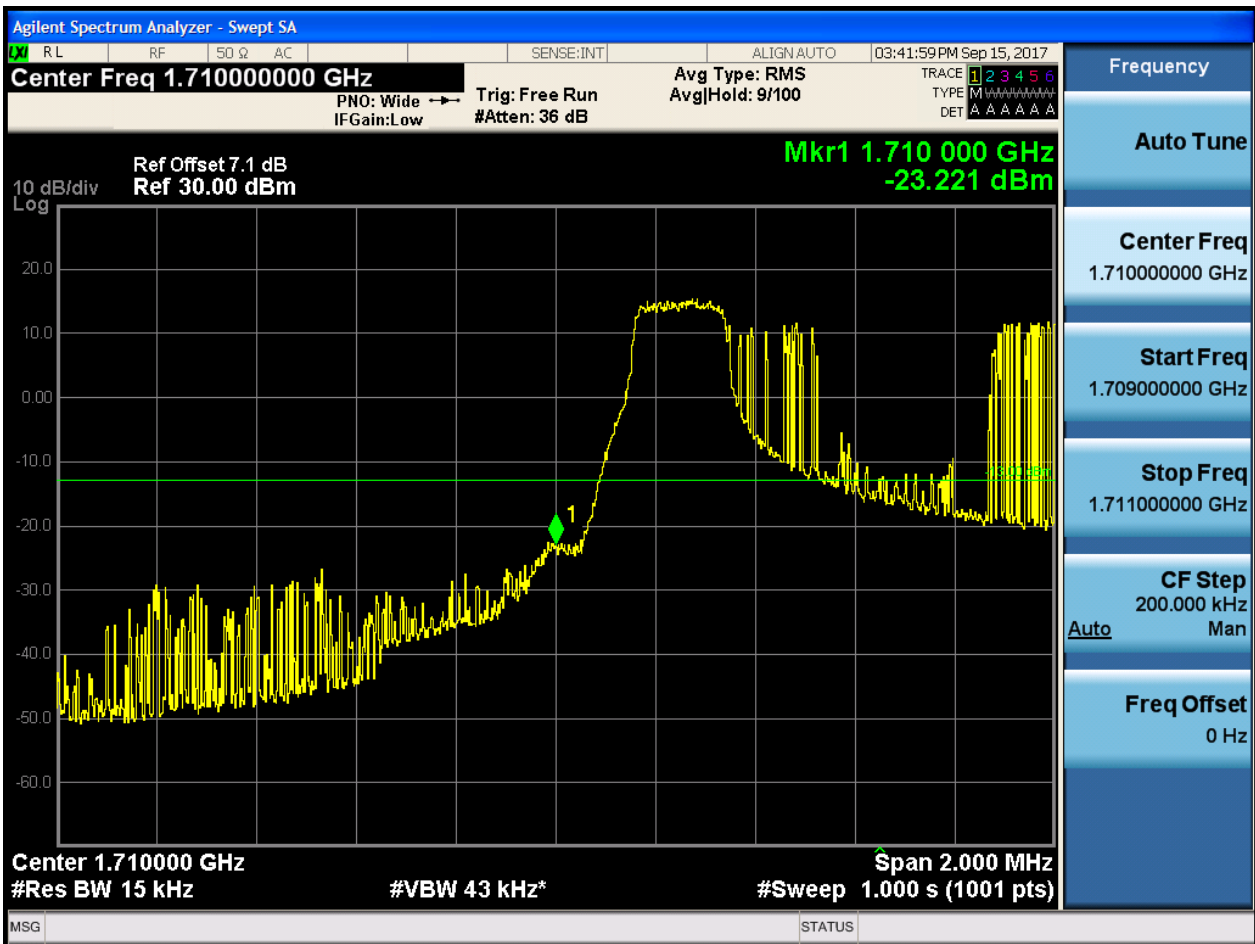
5.1.1 Test Band = BAND4

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



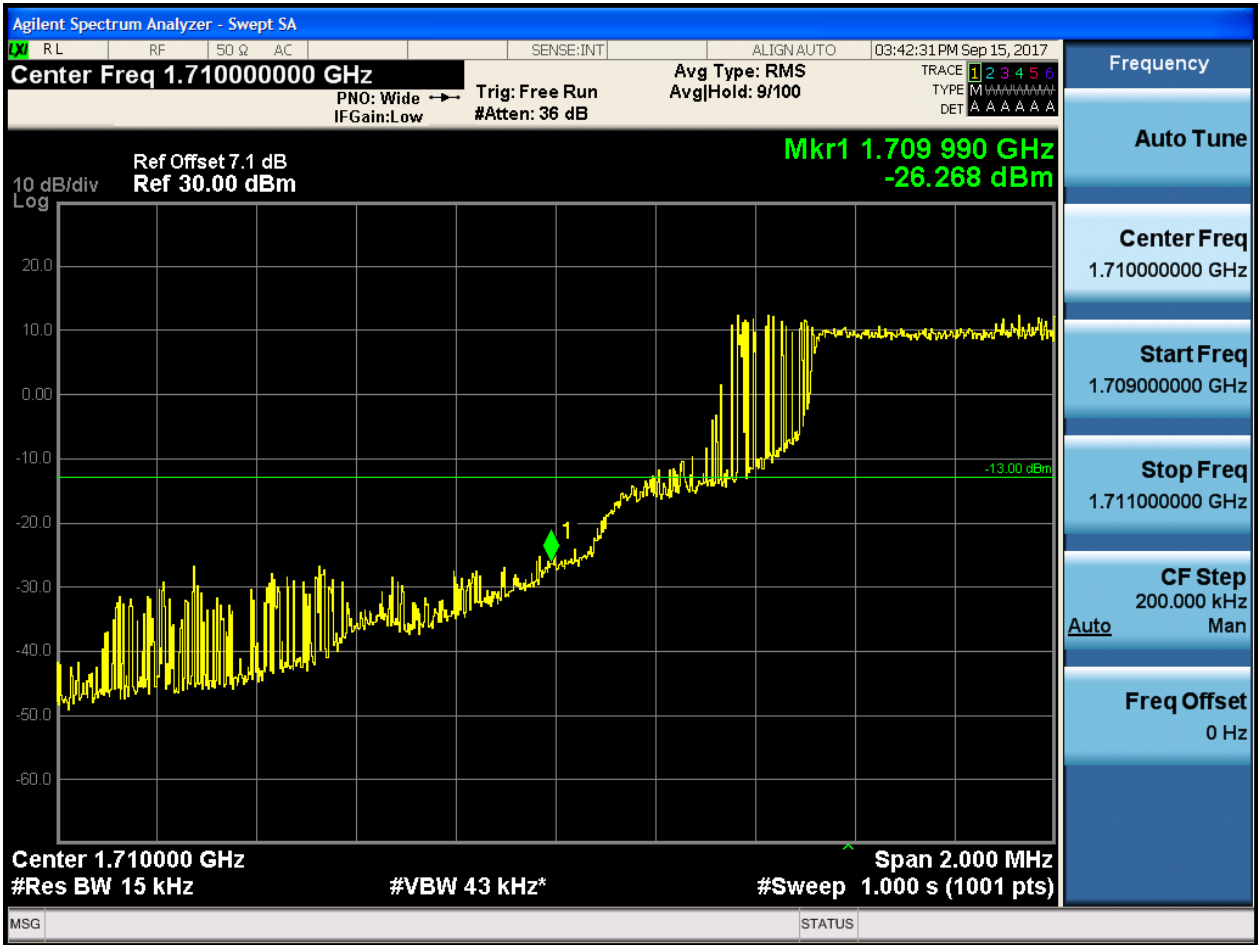


5.1.1.1.1.2 Test RB = RB1#5



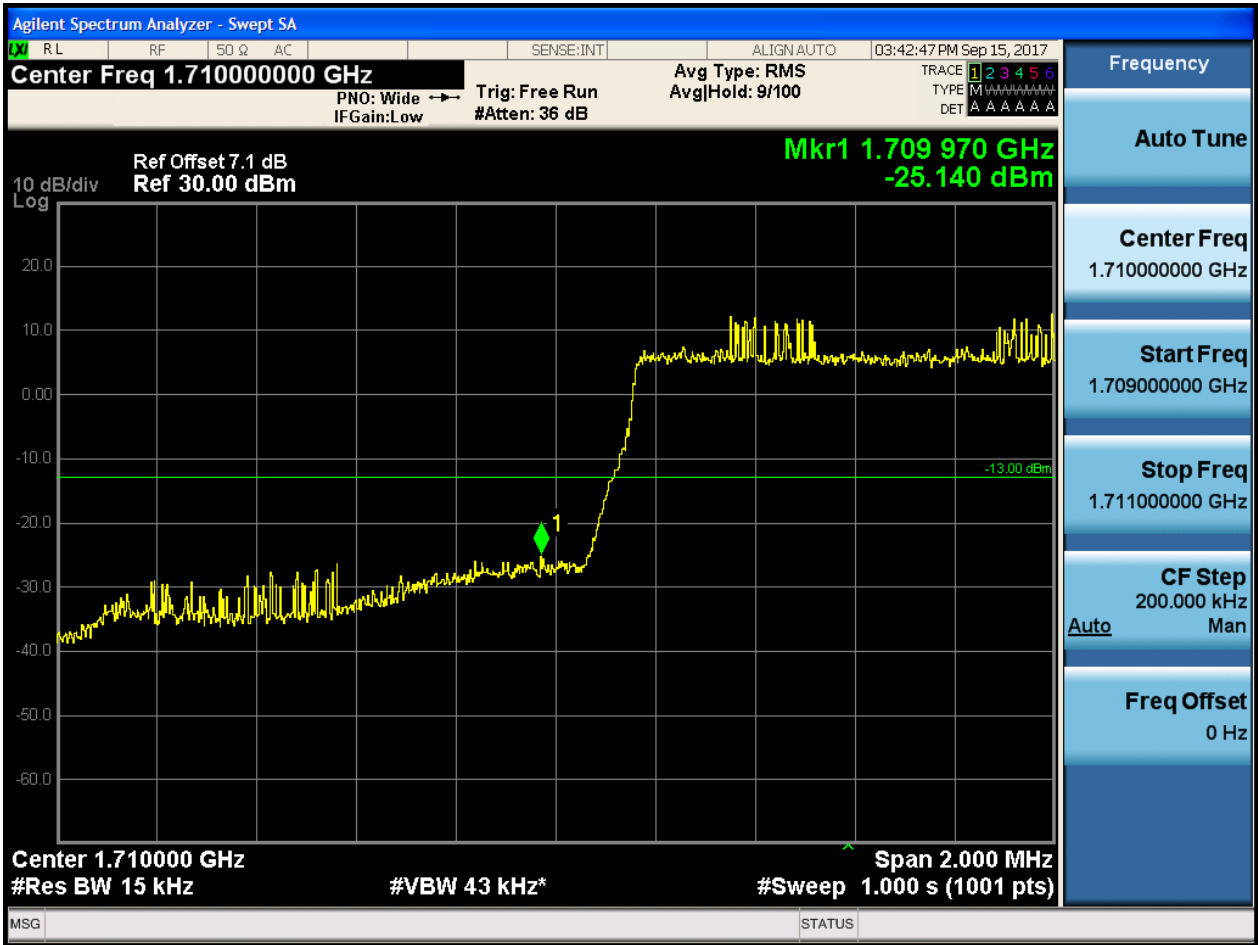


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





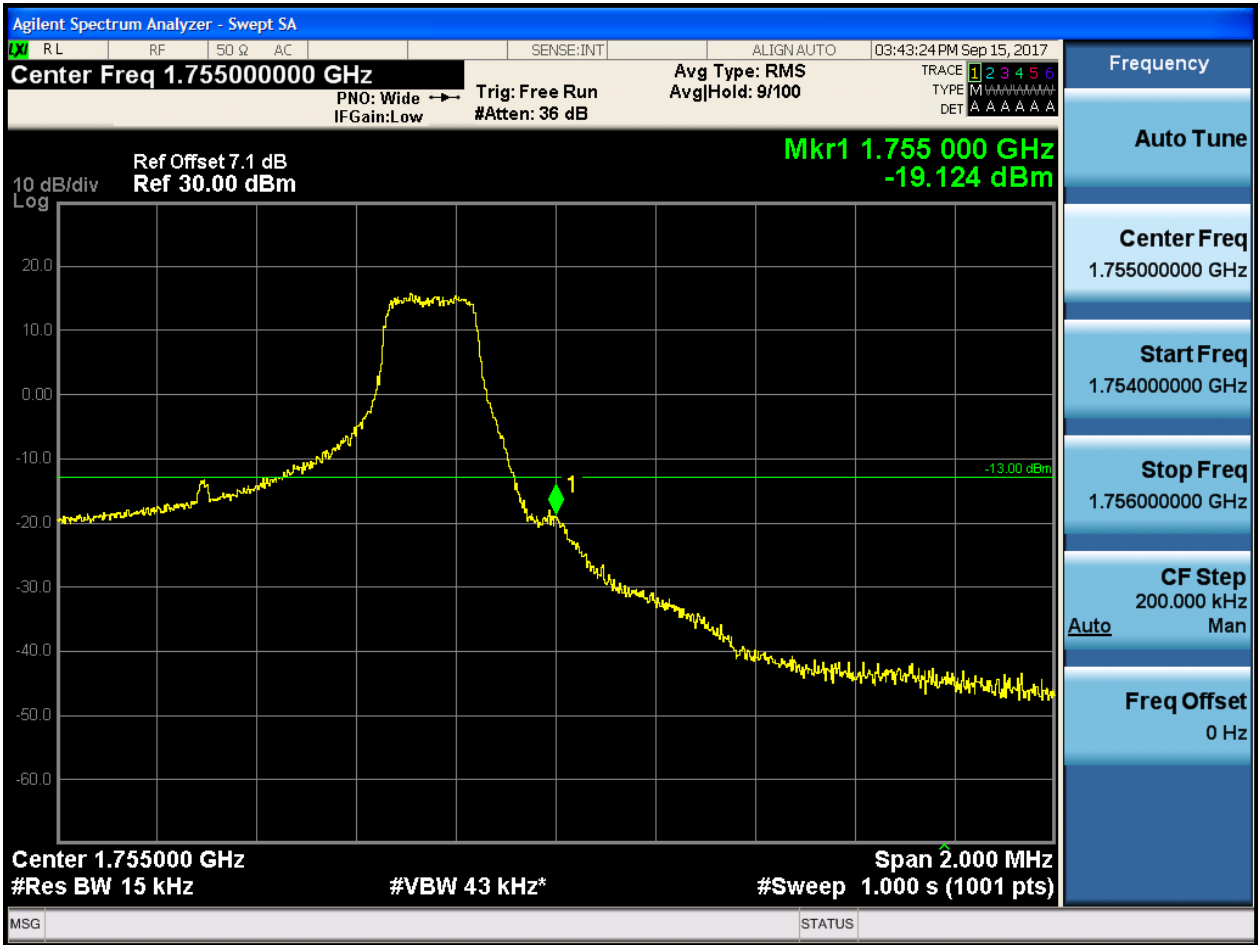
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

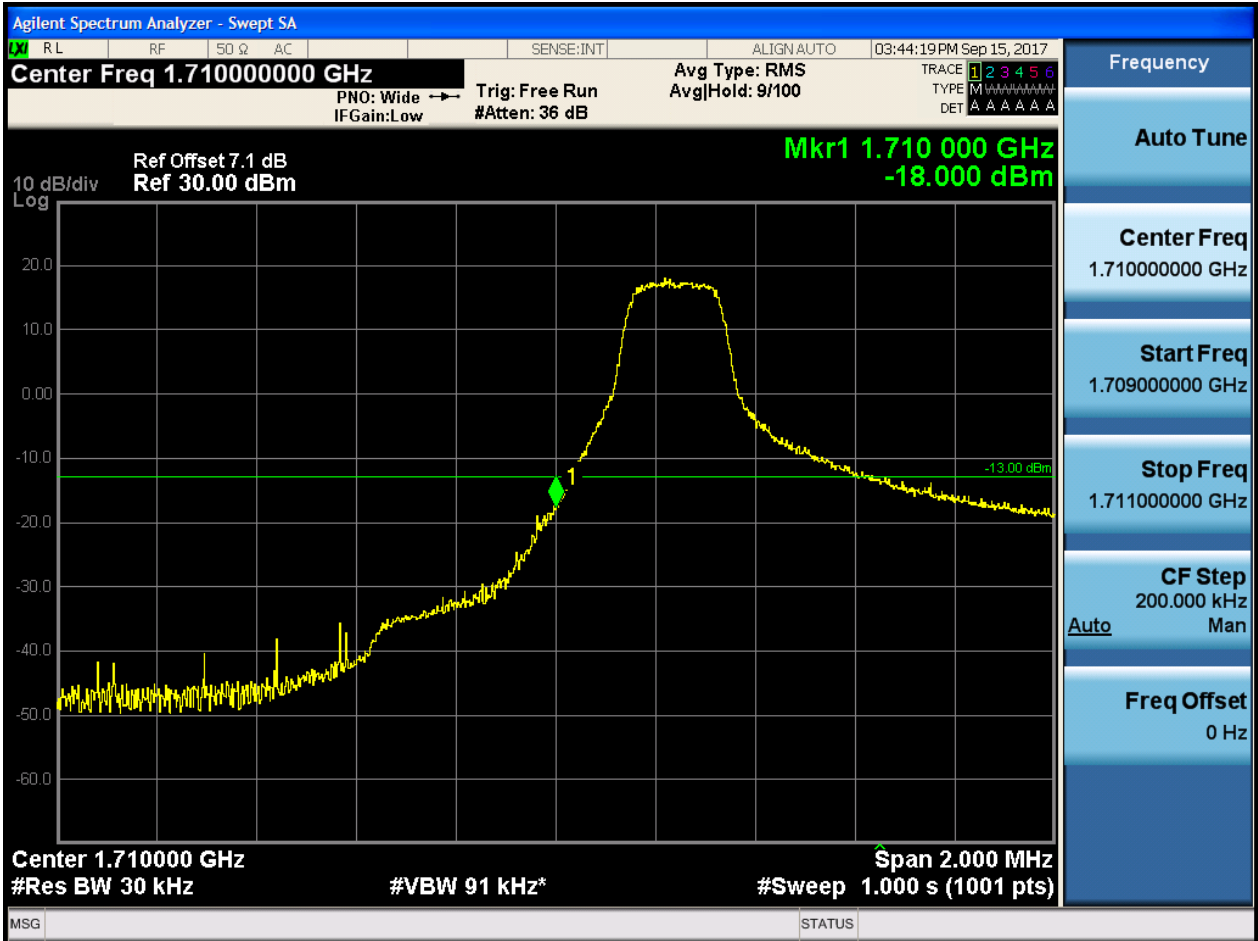




5.1.1.1.2 Test Bandwidth = 3

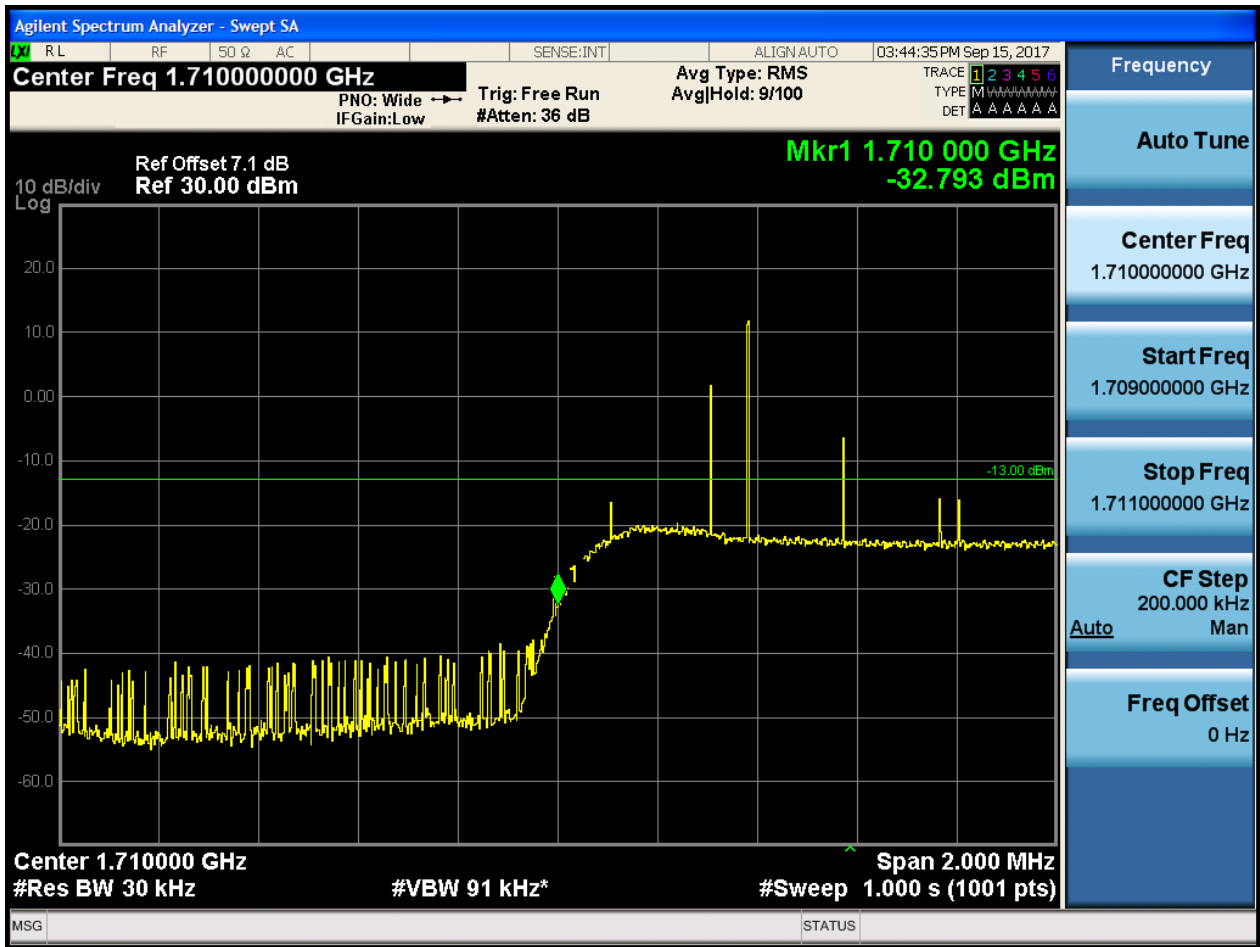
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



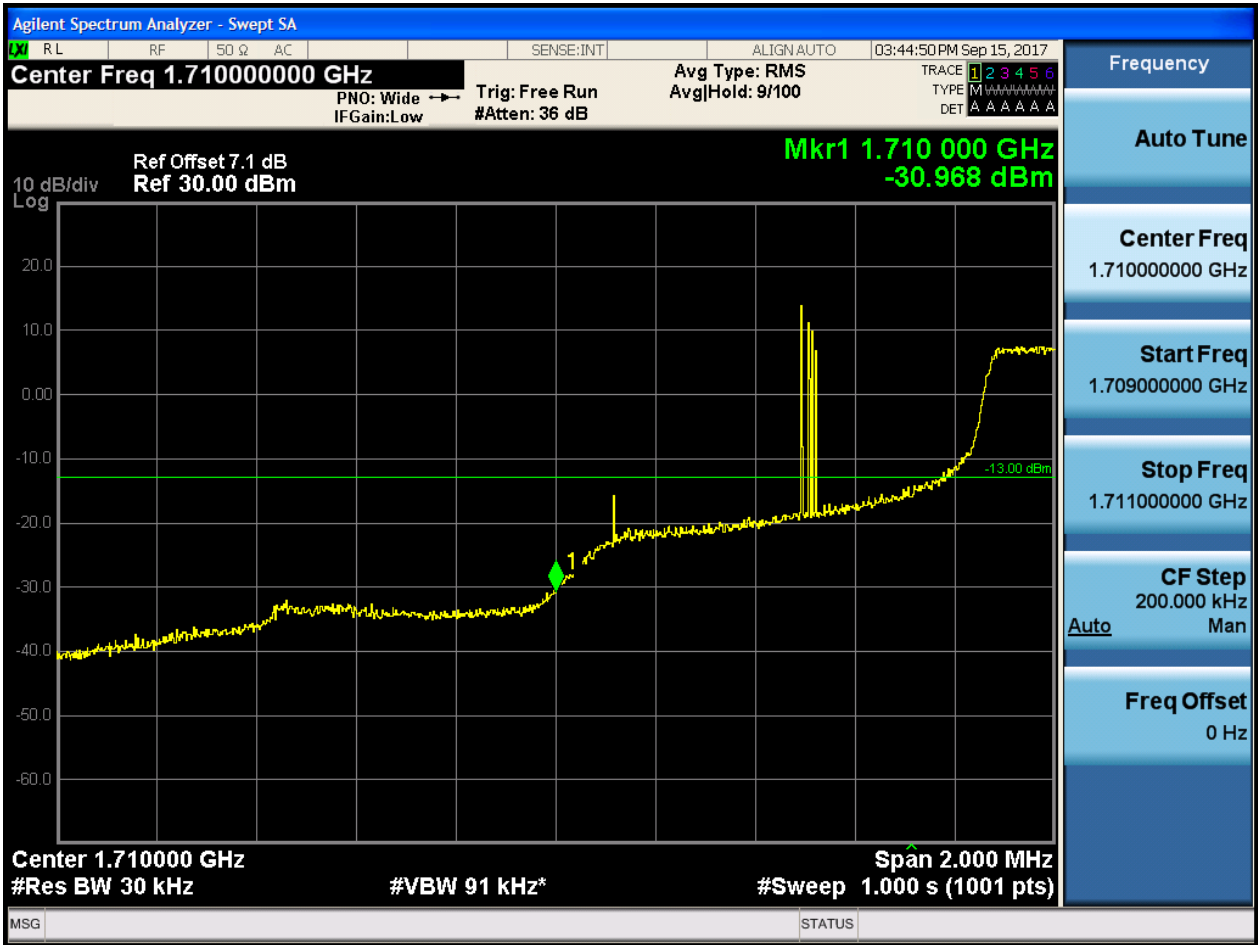


5.1.1.1.2.1.2 Test RB = RB1#14



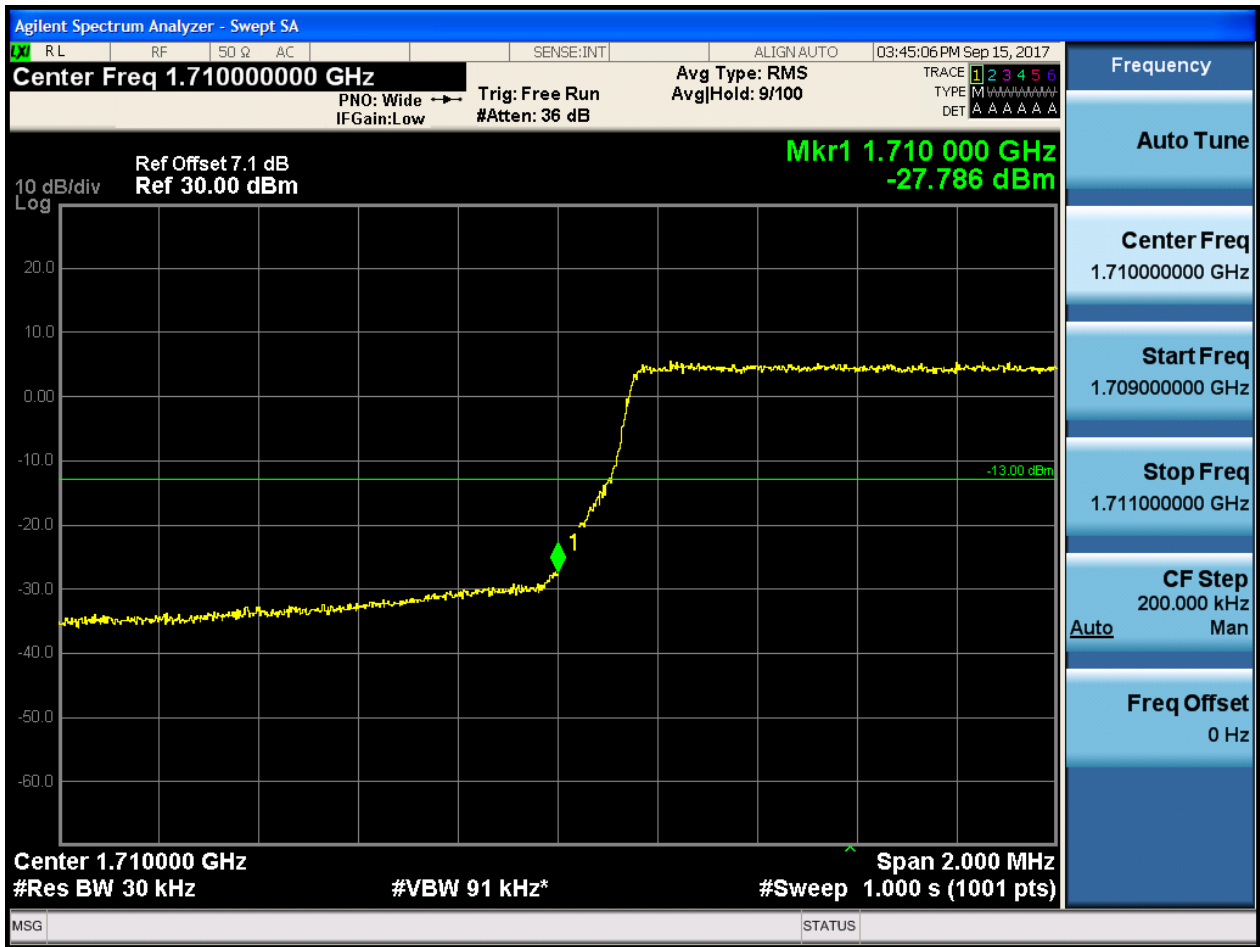


5.1.1.1.2.1.3 Test RB = RB8#4





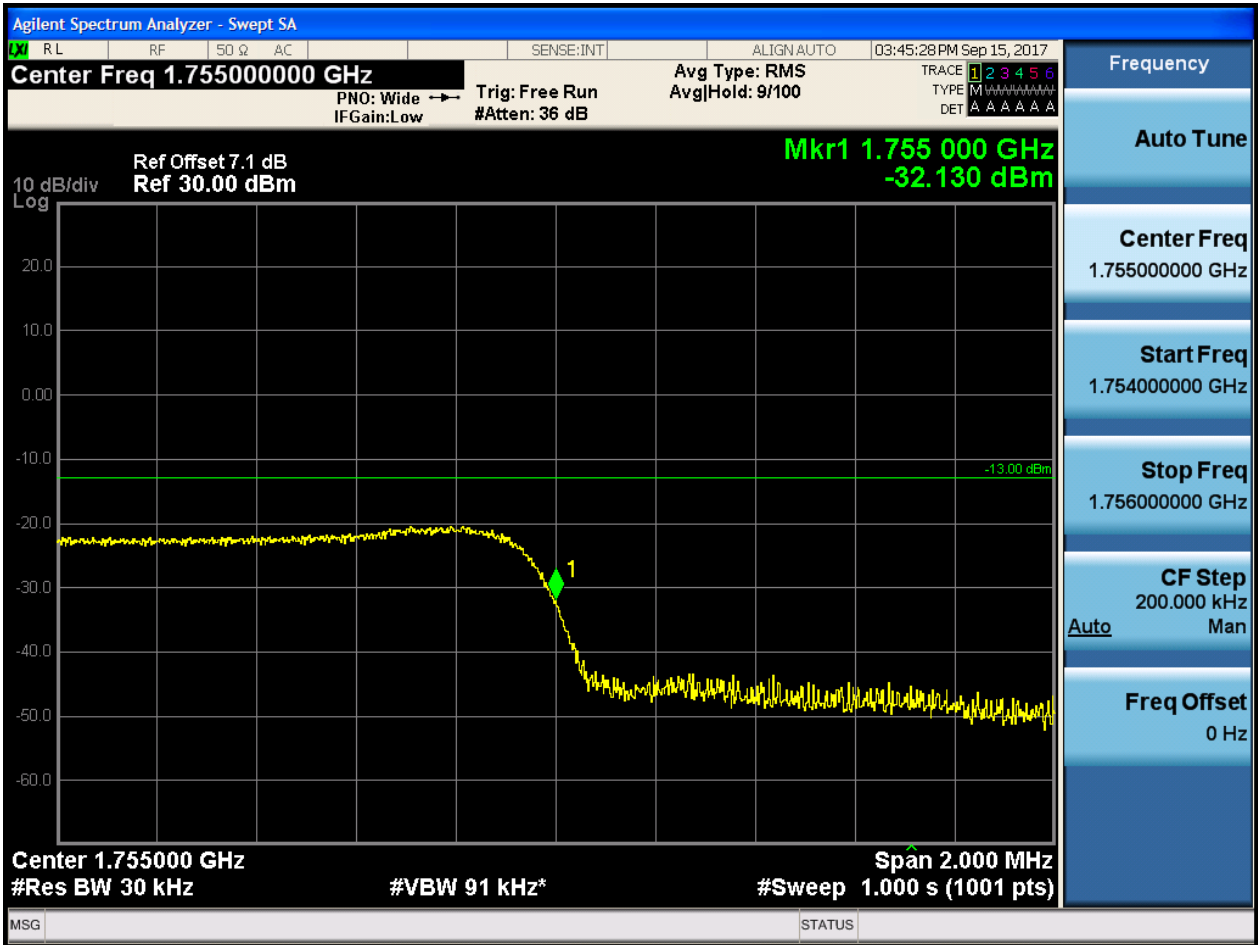
5.1.1.1.2.1.4 Test RB = RB15#0





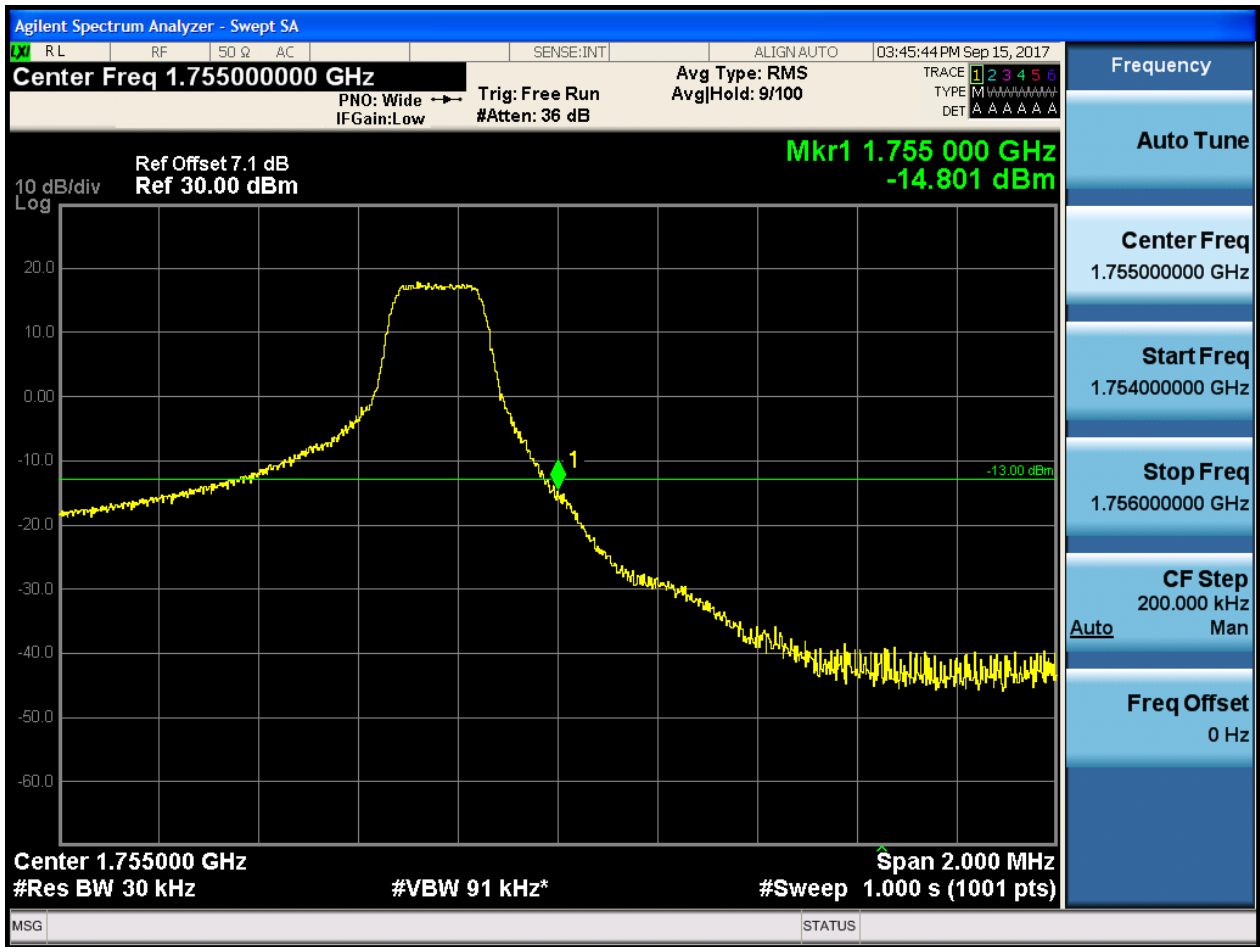
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



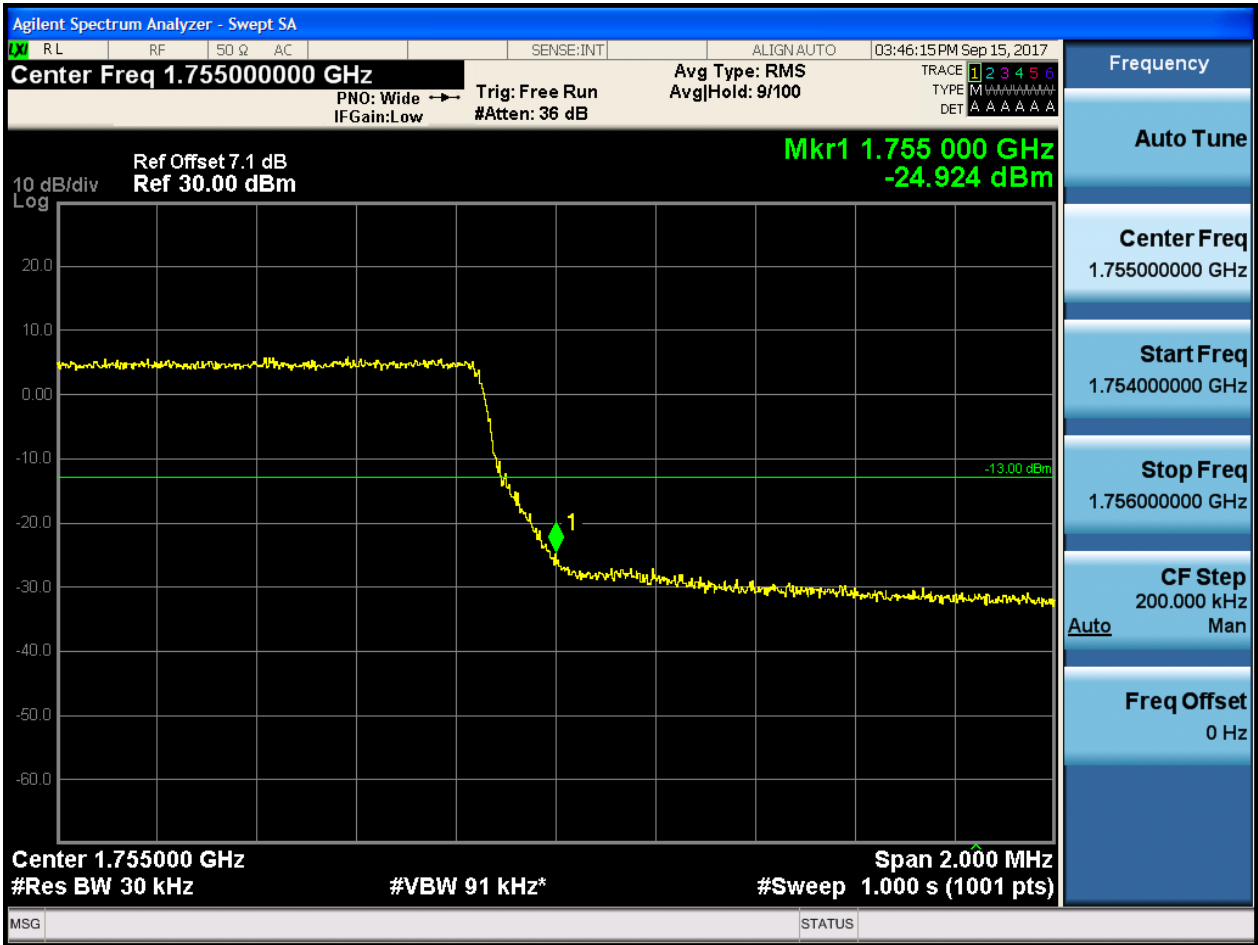


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

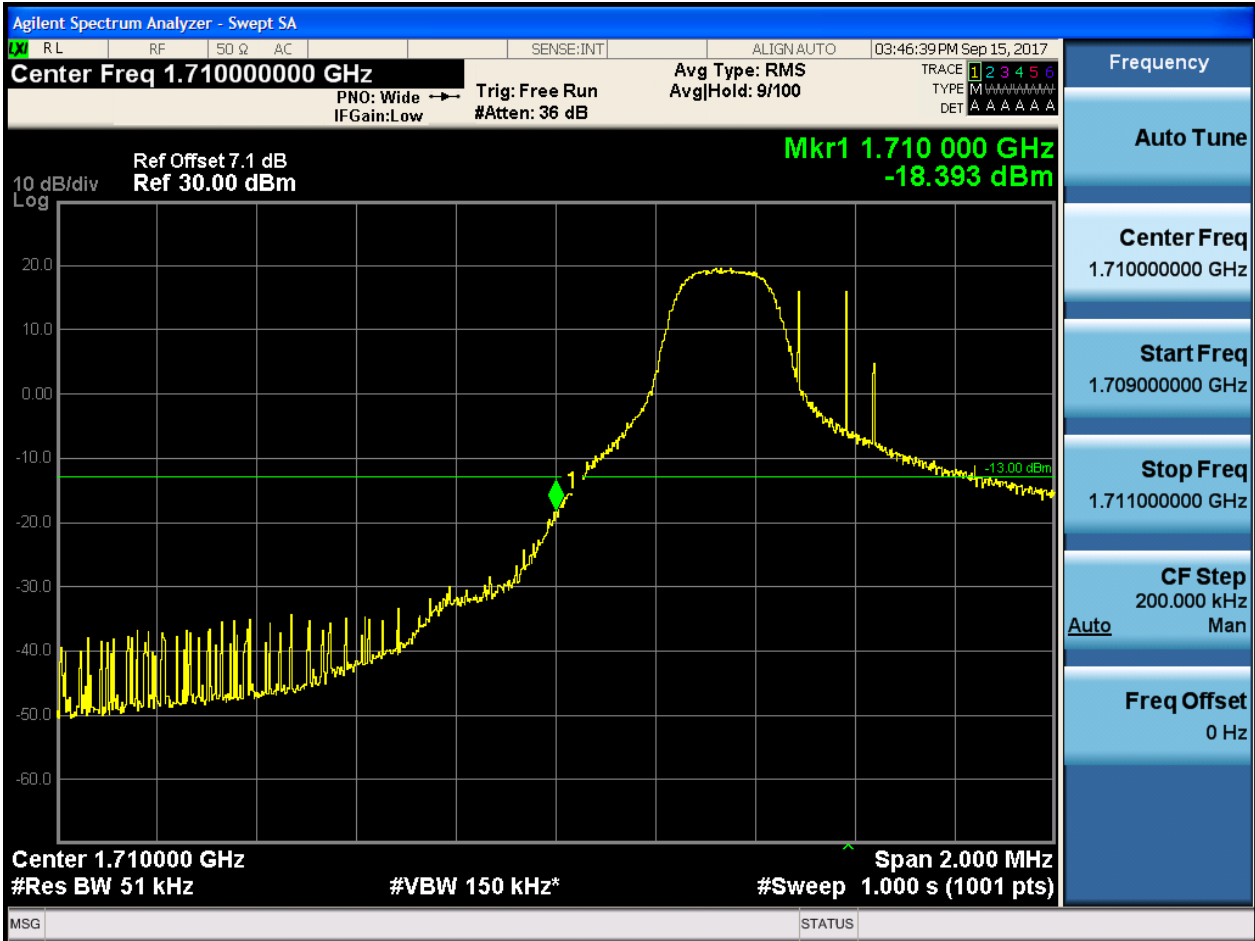




5.1.1.1.3 Test Bandwidth = 5

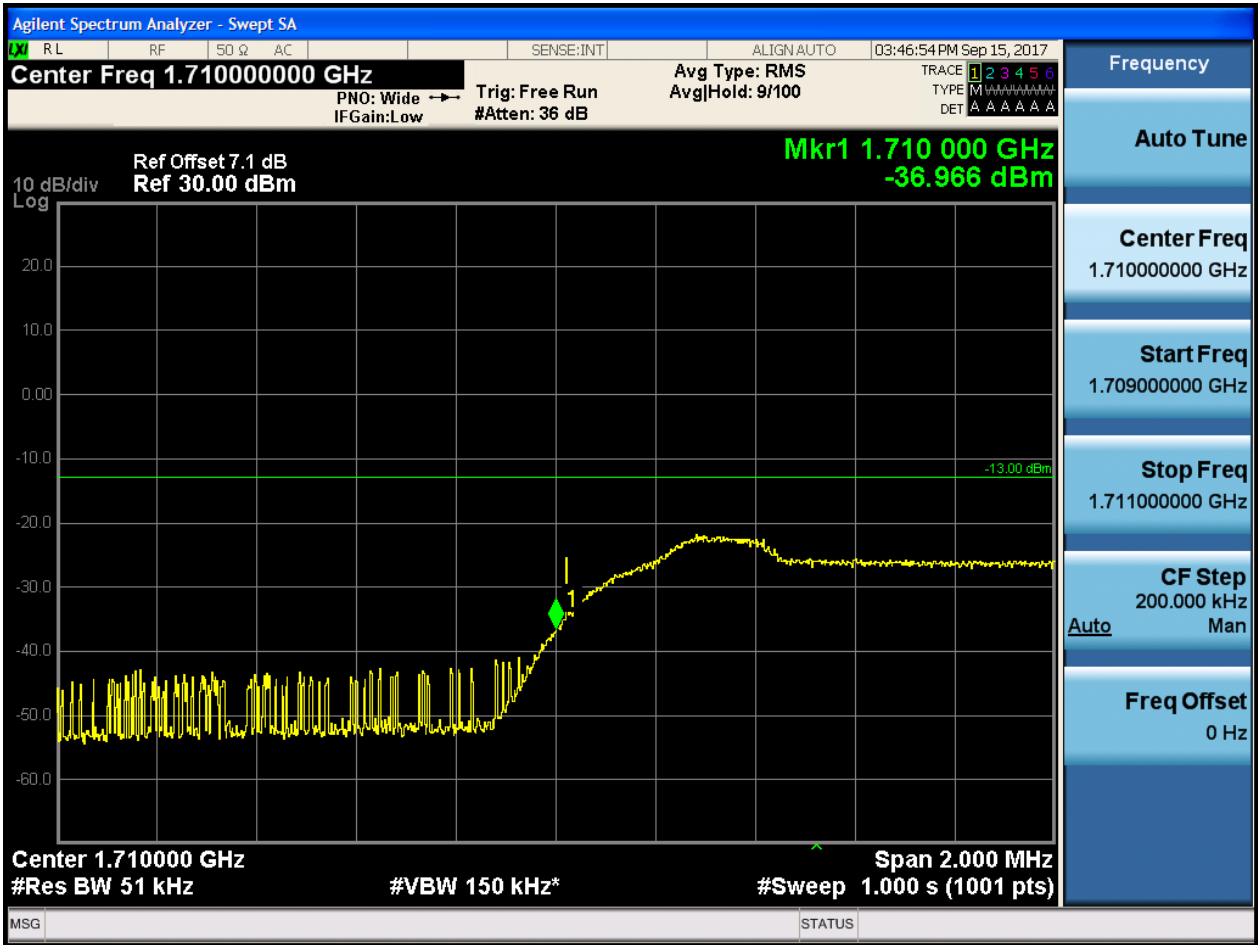
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



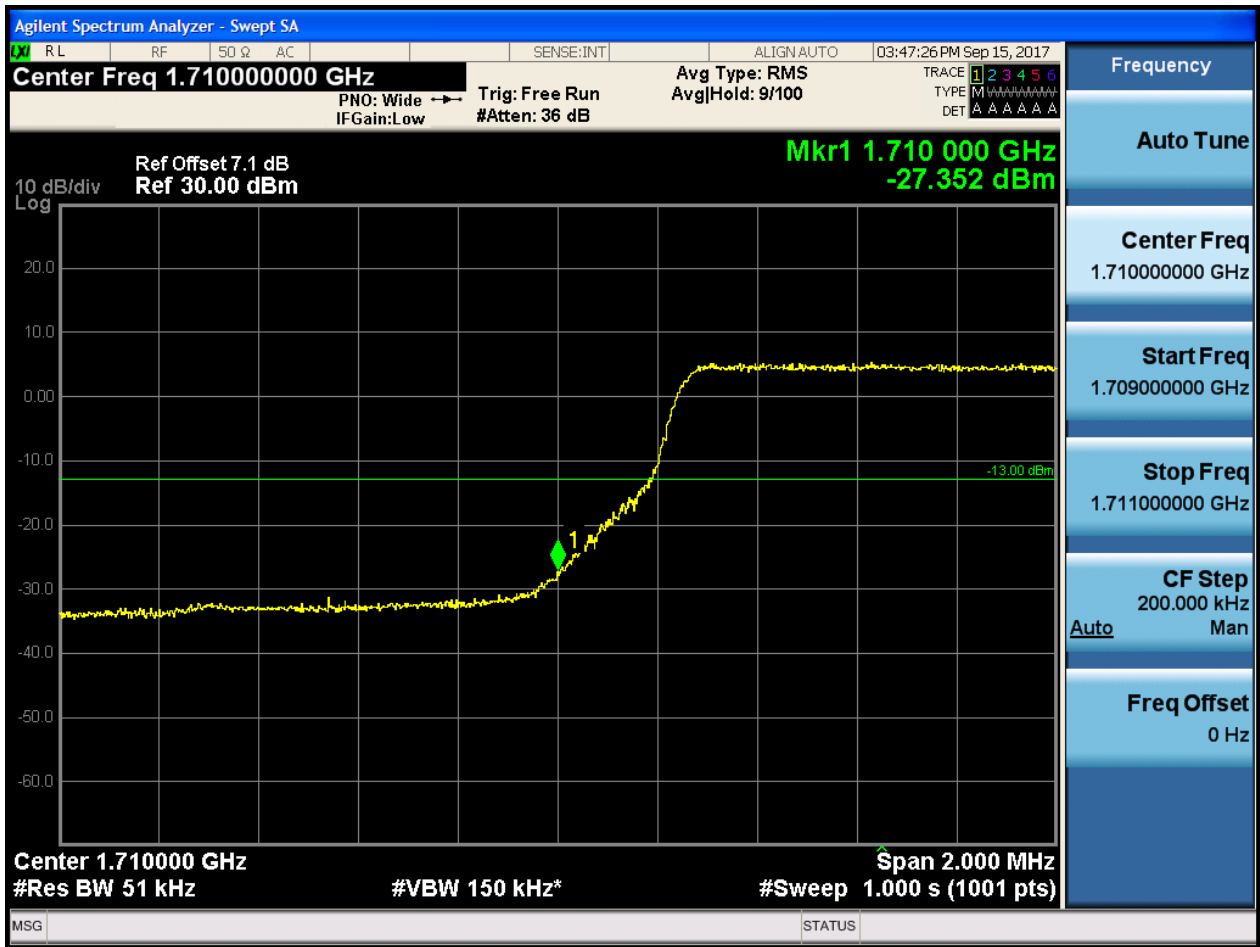


5.1.1.1.3.1.3 Test RB = RB12#6



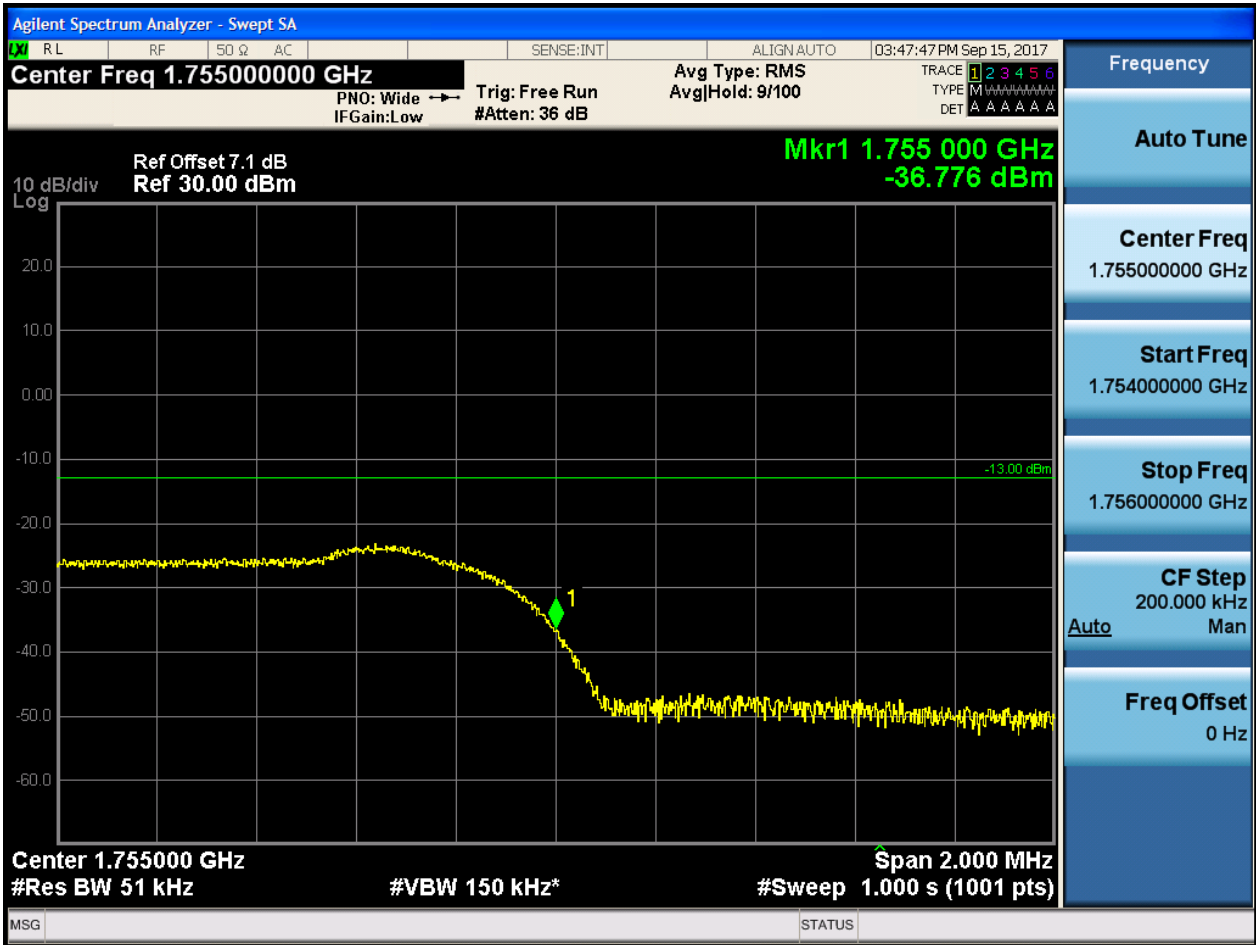


5.1.1.1.3.1.4 Test RB = RB25#0



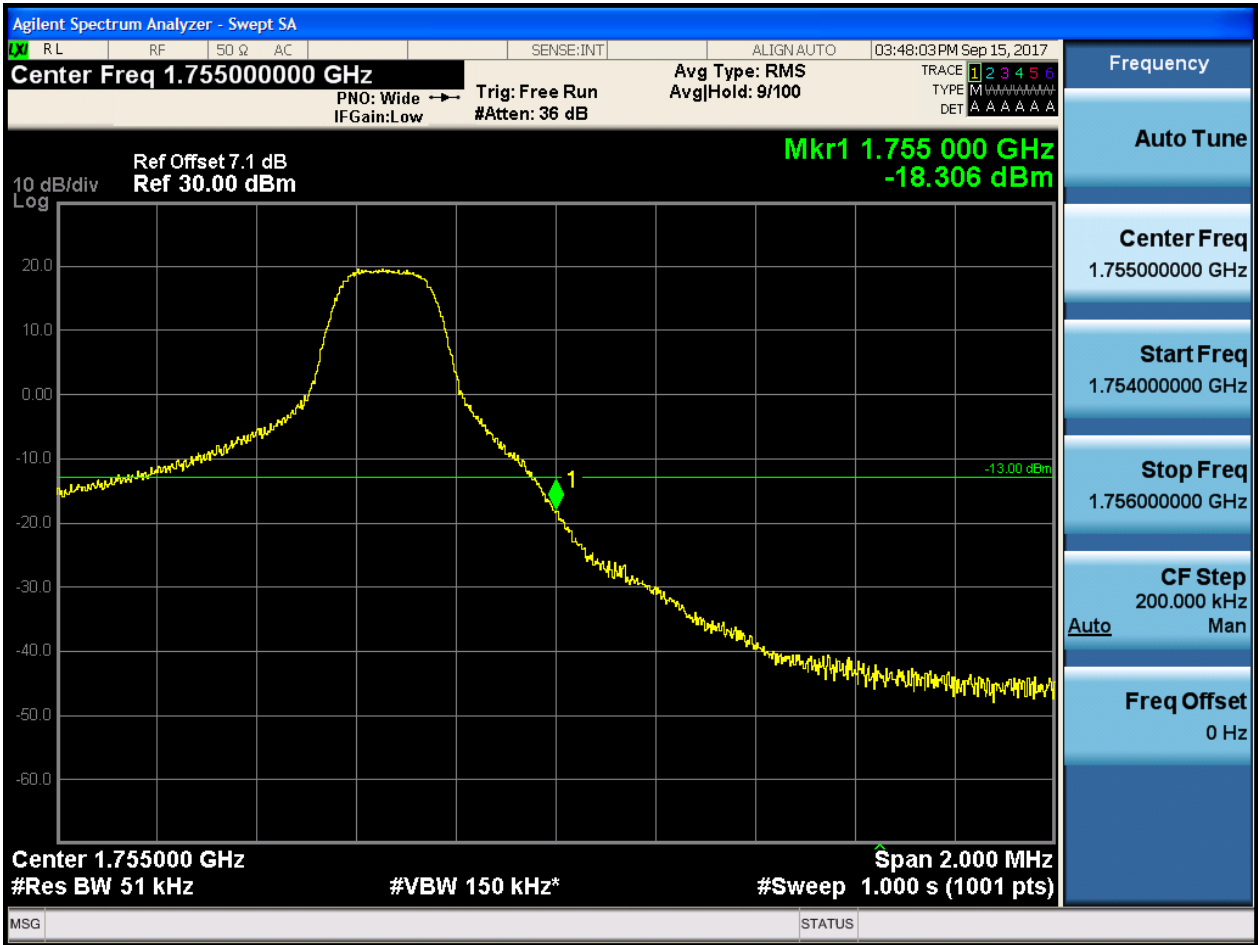
5.1.1.1.3.2 Test Channel = HCH

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

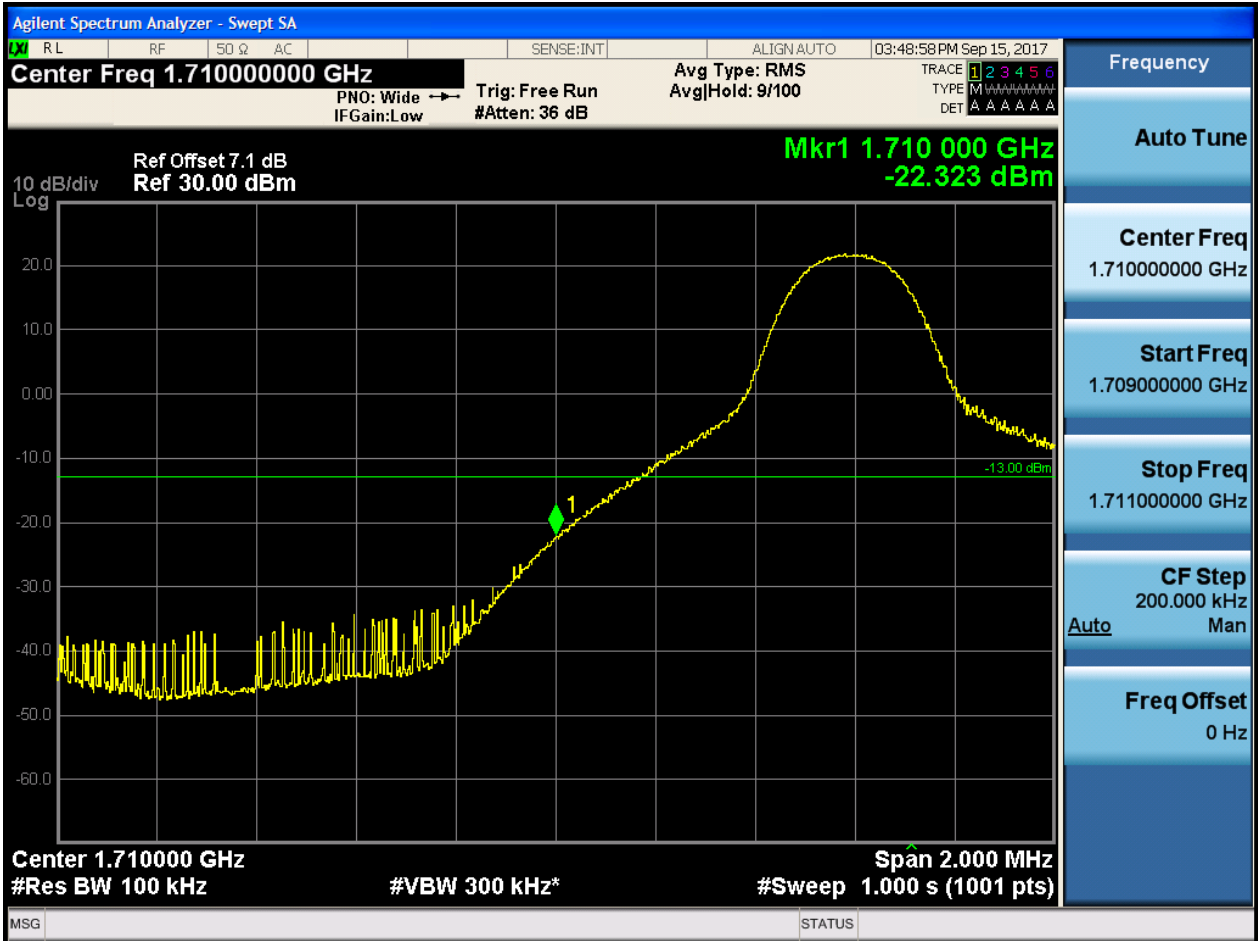




5.1.1.1.4 Test Bandwidth = 10

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

