



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	22.7	23.2	30	PASS
				RB1#3	22.85	23.35	30	PASS
				RB1#5	22.82	23.32	30	PASS
				RB3#0	22.81	23.31	30	PASS
				RB3#2	22.83	23.33	30	PASS
				RB3#3	22.86	23.36	30	PASS
				RB6#0	21.81	22.31	30	PASS
			MCH	RB1#0	22.52	23.02	30	PASS
				RB1#3	22.66	23.16	30	PASS
				RB1#5	22.52	23.02	30	PASS
				RB3#0	22.56	23.06	30	PASS
				RB3#2	22.62	23.12	30	PASS
				RB3#3	22.59	23.09	30	PASS
				RB6#0	21.75	22.25	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.55	23.05	30	PASS
				RB1#3	22.6	23.1	30	PASS
				RB1#5	22.59	23.09	30	PASS
				RB3#0	22.58	23.08	30	PASS
				RB3#2	22.59	23.09	30	PASS
				RB3#3	22.52	23.02	30	PASS
				RB6#0	21.64	22.14	30	PASS
		3	LCH	RB1#0	22.59	23.09	30	PASS
				RB1#7	23.02	23.52	30	PASS
				RB1#14	22.65	23.15	30	PASS
				RB8#0	21.83	22.33	30	PASS
				RB8#4	21.91	22.41	30	PASS
				RB8#7	21.86	22.36	30	PASS
				RB15#0	21.85	22.35	30	PASS
			MCH	RB1#0	22.4	22.9	30	PASS
				RB1#7	22.67	23.17	30	PASS
				RB1#14	22.49	22.99	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB8#0	21.68	22.18	30	PASS		
				RB8#4	21.78	22.28	30	PASS		
				RB8#7	21.68	22.18	30	PASS		
				RB15#0	21.74	22.24	30	PASS		
			HCH	RB1#0	22.39	22.89	30	PASS		
				RB1#7	22.57	23.07	30	PASS		
				RB1#14	22.36	22.86	30	PASS		
				RB8#0	21.61	22.11	30	PASS		
			5	LCH	RB8#4	21.68	22.18	30	PASS	
					RB8#7	21.59	22.09	30	PASS	
					RB15#0	21.66	22.16	30	PASS	
					RB1#0	22.64	23.14	30	PASS	
					RB1#13	23.08	23.58	30	PASS	
					RB1#24	22.59	23.09	30	PASS	
						RB12#0	21.95	22.45	30	PASS
						RB12#6	21.99	22.49	30	PASS
						RB12#13	21.78	22.28	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.85	22.35	30	PASS
			MCH	RB1#0	22.31	22.81	30	PASS
				RB1#13	22.7	23.2	30	PASS
				RB1#24	22.4	22.9	30	PASS
				RB12#0	21.66	22.16	30	PASS
				RB12#6	21.85	22.35	30	PASS
				RB12#13	21.72	22.22	30	PASS
				RB25#0	21.76	22.26	30	PASS
				HCH	RB1#0	22.56	23.06	30
			RB1#13		22.65	23.15	30	PASS
			RB1#24		22.29	22.79	30	PASS
			RB12#0		21.64	22.14	30	PASS
			RB12#6		21.69	22.19	30	PASS
			RB12#13		21.59	22.09	30	PASS
			RB25#0		21.87	22.37	30	PASS
		10	LCH		RB1#0	22.68	23.18	30
				RB1#25	23	23.5	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.33	22.83	30	PASS
				RB25#0	21.91	22.41	30	PASS
				RB25#13	21.83	22.33	30	PASS
				RB25#25	21.63	22.13	30	PASS
				RB50#0	21.81	22.31	30	PASS
			MCH	RB1#0	22.31	22.81	30	PASS
				RB1#25	22.7	23.2	30	PASS
				RB1#49	22.55	23.05	30	PASS
				RB25#0	21.66	22.16	30	PASS
				RB25#13	21.83	22.33	30	PASS
				RB25#25	21.78	22.28	30	PASS
				RB50#0	21.74	22.24	30	PASS
			HCH	RB1#0	22.73	23.23	30	PASS
				RB1#25	22.66	23.16	30	PASS
				RB1#49	22.31	22.81	30	PASS
				RB25#0	21.96	22.46	30	PASS
				RB25#13	21.72	22.22	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB25#25	21.62	22.12	30	PASS	
				RB50#0	21.9	22.4	30	PASS	
		15	LCH	RB1#0	22.75	23.25	30	PASS	
				RB1#38	22.78	23.28	30	PASS	
				RB1#74	22.36	22.86	30	PASS	
				RB38#0	21.99	22.49	30	PASS	
				RB38#19	21.89	22.39	30	PASS	
				RB38#39	21.81	22.31	30	PASS	
				RB75#0	21.81	22.31	30	PASS	
				MCH	RB1#0	22.36	22.86	30	PASS
					RB1#38	22.69	23.19	30	PASS
					RB1#74	22.75	23.25	30	PASS
					RB38#0	21.7	22.2	30	PASS
					RB38#19	21.79	22.29	30	PASS
					RB38#39	21.86	22.36	30	PASS
RB75#0	21.76	22.26	30		PASS				
HCH	RB1#0	22.87	23.37	30	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.73	23.23	30	PASS
				RB1#74	22.37	22.87	30	PASS
				RB38#0	22.15	22.65	30	PASS
				RB38#19	22.02	22.52	30	PASS
				RB38#39	22.02	22.52	30	PASS
				RB75#0	22.1	22.6	30	PASS
		20	LCH	RB1#0	22.78	23.28	30	PASS
				RB1#50	22.71	23.21	30	PASS
				RB1#99	22.28	22.78	30	PASS
				RB50#0	21.97	22.47	30	PASS
				RB50#25	21.76	22.26	30	PASS
				RB50#50	21.6	22.1	30	PASS
				RB100#0	21.94	22.44	30	PASS
				MCH	RB1#0	22.36	22.86	30
		RB1#50	22.69		23.19	30	PASS	
		RB1#99	22.8		23.3	30	PASS	
RB50#0	21.75	22.25	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.84	22.34	30	PASS
				RB50#50	21.73	22.23	30	PASS
				RB100#0	21.74	22.24	30	PASS
			HCH	RB1#0	22.63	23.13	30	PASS
				RB1#50	22.99	23.49	30	PASS
				RB1#99	22.33	22.83	30	PASS
				RB50#0	22.02	22.52	30	PASS
				RB50#25	22.04	22.54	30	PASS
				RB50#50	22.04	22.54	30	PASS
				RB100#0	21.99	22.49	30	PASS
			LCH	RB1#0	21.85	22.35	30	PASS
				RB1#3	21.9	22.4	30	PASS
				RB1#5	21.97	22.47	30	PASS
				RB3#0	21.87	22.37	30	PASS
RB3#2	21.89	22.39		30	PASS			
RB3#3	21.88	22.38		30	PASS			
RB6#0	21.29	21.79		30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.74	22.24	30	PASS
				RB1#3	21.79	22.29	30	PASS
				RB1#5	21.71	22.21	30	PASS
				RB3#0	21.79	22.29	30	PASS
				RB3#2	21.81	22.31	30	PASS
				RB3#3	21.71	22.21	30	PASS
				RB6#0	21.33	21.83	30	PASS
			HCH	RB1#0	21.7	22.2	30	PASS
				RB1#3	21.86	22.36	30	PASS
				RB1#5	21.79	22.29	30	PASS
				RB3#0	21.66	22.16	30	PASS
				RB3#2	21.67	22.17	30	PASS
				RB3#3	21.66	22.16	30	PASS
				RB6#0	21.24	21.74	30	PASS
		3	LCH	RB1#0	21.65	22.15	30	PASS
				RB1#7	21.97	22.47	30	PASS
				RB1#14	21.72	22.22	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.32	21.82	30	PASS
				RB8#4	21.33	21.83	30	PASS
				RB8#7	21.29	21.79	30	PASS
				RB15#0	21.27	21.77	30	PASS
			MCH	RB1#0	21.7	22.2	30	PASS
				RB1#7	21.96	22.46	30	PASS
				RB1#14	21.71	22.21	30	PASS
				RB8#0	21.16	21.66	30	PASS
				RB8#4	21.25	21.75	30	PASS
				RB8#7	21.15	21.65	30	PASS
				RB15#0	21.17	21.67	30	PASS
			HCH	RB1#0	21.62	22.12	30	PASS
				RB1#7	21.95	22.45	30	PASS
				RB1#14	21.73	22.23	30	PASS
				RB8#0	21.22	21.72	30	PASS
				RB8#4	21.22	21.72	30	PASS
				RB8#7	21.12	21.62	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.16	21.66	30	PASS
		5	LCH	RB1#0	21.61	22.11	30	PASS
				RB1#13	22.07	22.57	30	PASS
				RB1#24	21.55	22.05	30	PASS
				RB12#0	21.44	21.94	30	PASS
				RB12#6	21.46	21.96	30	PASS
				RB12#13	21.24	21.74	30	PASS
				RB25#0	21.26	21.76	30	PASS
				MCH	RB1#0	21.49	21.99	30
			RB1#13		21.83	22.33	30	PASS
			RB1#24		21.53	22.03	30	PASS
			RB12#0		21.18	21.68	30	PASS
			RB12#6		21.3	21.8	30	PASS
			RB12#13		21.17	21.67	30	PASS
			RB25#0		21.17	21.67	30	PASS
			HCH	RB1#0	21.58	22.08	30	PASS
				RB1#13	21.65	22.15	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	21.34	21.84	30	PASS	
				RB12#0	21.22	21.72	30	PASS	
				RB12#6	21.27	21.77	30	PASS	
				RB12#13	21.11	21.61	30	PASS	
				RB25#0	21.36	21.86	30	PASS	
		10	LCH	RB1#0	21.77	22.27	30	PASS	
				RB1#25	22.13	22.63	30	PASS	
				RB1#49	21.59	22.09	30	PASS	
				RB25#0	21.38	21.88	30	PASS	
				RB25#13	21.29	21.79	30	PASS	
				RB25#25	21.11	21.61	30	PASS	
				RB50#0	21.23	21.73	30	PASS	
				MCH	RB1#0	21.69	22.19	30	PASS
					RB1#25	22.04	22.54	30	PASS
					RB1#49	21.9	22.4	30	PASS
RB25#0	21.17	21.67	30		PASS				
RB25#13	21.28	21.78	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.28	21.78	30	PASS
				RB50#0	21.18	21.68	30	PASS
			HCH	RB1#0	21.96	22.46	30	PASS
				RB1#25	22	22.5	30	PASS
				RB1#49	21.64	22.14	30	PASS
				RB25#0	21.34	21.84	30	PASS
				RB25#13	21.17	21.67	30	PASS
				RB25#25	21.2	21.7	30	PASS
				RB50#0	21.43	21.93	30	PASS
				LCH	RB1#0	21.88	22.38	30
			RB1#38		21.96	22.46	30	PASS
			RB1#74		21.65	22.15	30	PASS
			RB38#0		21.47	21.97	30	PASS
			RB38#19		21.37	21.87	30	PASS
			RB38#39		21.25	21.75	30	PASS
RB75#0	21.27	21.77	30		PASS			
MCH	RB1#0	21.61	22.11	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.88	22.38	30	PASS
				RB1#74	22.01	22.51	30	PASS
				RB38#0	21.17	21.67	30	PASS
				RB38#19	21.26	21.76	30	PASS
				RB38#39	21.32	21.82	30	PASS
				RB75#0	21.25	21.75	30	PASS
			HCH	RB1#0	22.11	22.61	30	PASS
				RB1#38	21.94	22.44	30	PASS
				RB1#74	21.62	22.12	30	PASS
				RB38#0	21.52	22.02	30	PASS
				RB38#19	21.42	21.92	30	PASS
				RB38#39	21.6	22.1	30	PASS
		20	LCH	RB1#0	21.96	22.46	30	PASS
				RB1#50	21.96	22.46	30	PASS
				RB1#99	21.69	22.19	30	PASS
				RB50#0	21.38	21.88	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.23	21.73	30	PASS
				RB50#50	21.13	21.63	30	PASS
				RB100#0	21.34	21.84	30	PASS
			MCH	RB1#0	21.75	22.25	30	PASS
				RB1#50	22.13	22.63	30	PASS
				RB1#99	22.2	22.7	30	PASS
				RB50#0	21.21	21.71	30	PASS
				RB50#25	21.31	21.81	30	PASS
				RB50#50	21.25	21.75	30	PASS
				RB100#0	21.19	21.69	30	PASS
			HCH	RB1#0	22.08	22.58	30	PASS
				RB1#50	22.4	22.9	30	PASS
				RB1#99	21.79	22.29	30	PASS
				RB50#0	21.34	21.84	30	PASS
				RB50#25	21.43	21.93	30	PASS
				RB50#50	21.58	22.08	30	PASS
				RB100#0	21.43	21.93	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	5.13	13	PASS
				RB1#3	4.96	13	PASS
				RB1#5	4.95	13	PASS
				RB3#0	5.42	13	PASS
				RB3#2	5.32	13	PASS
				RB3#3	5.43	13	PASS
			RB6#0	6.03	13	PASS	
			MCH	RB1#0	4.76	13	PASS
				RB1#3	4.72	13	PASS
				RB1#5	4.73	13	PASS
				RB3#0	5.16	13	PASS
				RB3#2	5.11	13	PASS
				RB3#3	5.19	13	PASS
			HCH	RB6#0	6.07	13	PASS
				RB1#0	4.81	13	PASS
				RB1#3	5.02	13	PASS
				RB1#5	5	13	PASS
				RB3#0	5.35	13	PASS
		RB3#2		5.43	13	PASS	
		3	LCH	RB3#3	5.33	13	PASS
				RB6#0	6.16	13	PASS
				RB1#0	4.67	13	PASS
				RB1#7	4.92	13	PASS
				RB1#14	5.11	13	PASS
				RB8#0	5.73	13	PASS
			MCH	RB8#4	5.75	13	PASS
				RB8#7	5.73	13	PASS
				RB15#0	5.97	13	PASS
				RB1#0	4.7	13	PASS
				RB1#7	4.5	13	PASS
RB1#14	4.32			13	PASS		
RB8#0	5.66	13	PASS				
RB8#4	5.63	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.67	13	PASS
				RB15#0	5.9	13	PASS
			HCH	RB1#0	4.59	13	PASS
				RB1#7	4.33	13	PASS
				RB1#14	4.73	13	PASS
				RB8#0	5.87	13	PASS
				RB8#4	5.88	13	PASS
				RB8#7	5.92	13	PASS
		RB15#0	5.61	13	PASS		
		5	LCH	RB1#0	4.92	13	PASS
				RB1#13	4.83	13	PASS
				RB1#24	4.8	13	PASS
				RB12#0	5.77	13	PASS
				RB12#6	5.77	13	PASS
				RB12#13	5.85	13	PASS
				RB25#0	6.04	13	PASS
			MCH	RB1#0	4.79	13	PASS
				RB1#13	4.75	13	PASS
				RB1#24	4.85	13	PASS
				RB12#0	5.77	13	PASS
				RB12#6	5.67	13	PASS
				RB12#13	5.82	13	PASS
				RB25#0	5.98	13	PASS
		HCH	RB1#0	4.74	13	PASS	
			RB1#13	4.66	13	PASS	
			RB1#24	4.76	13	PASS	
			RB12#0	5.67	13	PASS	
			RB12#6	5.58	13	PASS	
			RB12#13	5.64	13	PASS	
			RB25#0	6.09	13	PASS	
		10	LCH	RB1#0	5.14	13	PASS
				RB1#25	4.85	13	PASS
RB1#49	4.96			13	PASS		
RB25#0	5.86			13	PASS		
RB25#13	5.86			13	PASS		
RB25#25	5.87			13	PASS		
RB50#0	6.1			13	PASS		
MCH	RB1#0		4.87	13	PASS		
RB1#25	4.75	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#49	4.93	13	PASS	
				RB25#0	5.76	13	PASS	
				RB25#13	5.73	13	PASS	
				RB25#25	5.77	13	PASS	
				RB50#0	6.04	13	PASS	
			HCH	RB1#0	4.8	13	PASS	
				RB1#25	4.72	13	PASS	
				RB1#49	4.73	13	PASS	
				RB25#0	6	13	PASS	
				RB25#13	5.93	13	PASS	
				RB25#25	5.94	13	PASS	
				RB50#0	6.26	13	PASS	
			15	LCH	RB1#0	5.24	13	PASS
					RB1#38	4.97	13	PASS
		RB1#74			5.02	13	PASS	
		RB38#0			5.93	13	PASS	
		RB38#19			5.91	13	PASS	
		RB38#39			6.03	13	PASS	
		RB75#0			6.46	13	PASS	
		MCH		RB1#0	4.79	13	PASS	
				RB1#38	4.96	13	PASS	
				RB1#74	4.92	13	PASS	
				RB38#0	5.94	13	PASS	
				RB38#19	5.86	13	PASS	
				RB38#39	6.08	13	PASS	
				RB75#0	6.4	13	PASS	
		HCH	RB1#0	5.03	13	PASS		
			RB1#38	5.04	13	PASS		
			RB1#74	4.88	13	PASS		
			RB38#0	6.02	13	PASS		
			RB38#19	6.01	13	PASS		
			RB38#39	5.88	13	PASS		
			RB75#0	6.1	13	PASS		
20	LCH	RB1#0	5.38	13	PASS			
		RB1#50	5.15	13	PASS			
		RB1#99	5.19	13	PASS			
		RB50#0	5.86	13	PASS			
		RB50#25	6.13	13	PASS			
		RB50#50	6.17	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB100#0	5.79	13	PASS	
			MCH	RB1#0	5.07	13	PASS	
				RB1#50	4.9	13	PASS	
				RB1#99	5.18	13	PASS	
				RB50#0	5.93	13	PASS	
				RB50#25	5.91	13	PASS	
				RB50#50	6.09	13	PASS	
				RB100#0	6.42	13	PASS	
			HCH	RB1#0	5.03	13	PASS	
				RB1#50	4.99	13	PASS	
				RB1#99	5.01	13	PASS	
				RB50#0	6.04	13	PASS	
				RB50#25	6.03	13	PASS	
				RB50#50	5.94	13	PASS	
	RB100#0	6.01		13	PASS			
			1.4	LCH	RB1#0	5.9	13	PASS
					RB1#3	5.99	13	PASS
					RB1#5	5.82	13	PASS
					RB3#0	6.08	13	PASS
					RB3#2	6.19	13	PASS
					RB3#3	6.41	13	PASS
					RB6#0	6.25	13	PASS
				MCH	RB1#0	5.44	13	PASS
					RB1#3	5.6	13	PASS
					RB1#5	5.68	13	PASS
					RB3#0	5.88	13	PASS
					RB3#2	5.87	13	PASS
					RB3#3	5.81	13	PASS
					RB6#0	6.22	13	PASS
	HCH	RB1#0	5.85	13	PASS			
		RB1#3	5.76	13	PASS			
		RB1#5	5.66	13	PASS			
		RB3#0	5.65	13	PASS			
RB3#2		5.62	13	PASS				
RB3#3		5.67	13	PASS				
RB6#0		6.46	13	PASS				
		3	LCH	RB1#0	6.39	13	PASS	
				RB1#7	6.14	13	PASS	
				RB1#14	6.04	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.56	13	PASS
				RB8#4	6.54	13	PASS
				RB8#7	6.54	13	PASS
				RB15#0	6.45	13	PASS
			MCH	RB1#0	5.67	13	PASS
				RB1#7	5.38	13	PASS
				RB1#14	5.8	13	PASS
				RB8#0	6.37	13	PASS
				RB8#4	6.33	13	PASS
				RB8#7	6.42	13	PASS
			HCH	RB15#0	6.44	13	PASS
				RB1#0	5.76	13	PASS
				RB1#7	5.59	13	PASS
				RB1#14	5.82	13	PASS
				RB8#0	6.28	13	PASS
				RB8#4	6.21	13	PASS
		5	LCH	RB8#7	6.34	13	PASS
				RB15#0	6.44	13	PASS
				RB1#0	5.86	13	PASS
				RB1#13	5.67	13	PASS
				RB1#24	5.66	13	PASS
				RB12#0	6.3	13	PASS
				RB12#6	6.24	13	PASS
				RB12#13	6.27	13	PASS
			MCH	RB25#0	6.7	13	PASS
				RB1#0	5.47	13	PASS
				RB1#13	5.56	13	PASS
				RB1#24	5.56	13	PASS
				RB12#0	6.31	13	PASS
				RB12#6	6.27	13	PASS
				RB12#13	6.43	13	PASS
			HCH	RB25#0	6.56	13	PASS
RB1#0	5.51	13		PASS			
RB1#13	5.56	13		PASS			
RB1#24	5.52	13		PASS			
RB12#0	6.42	13		PASS			
RB12#6	6.25	13		PASS			
				RB12#13	6.22	13	PASS
				RB25#0	6.35	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	6.25	13	PASS
				RB1#25	5.78	13	PASS
				RB1#49	5.78	13	PASS
				RB25#0	6.7	13	PASS
				RB25#13	6.68	13	PASS
				RB25#25	6.72	13	PASS
				RB50#0	6.76	13	PASS
			MCH	RB1#0	5.91	13	PASS
				RB1#25	5.94	13	PASS
				RB1#49	6.05	13	PASS
				RB25#0	6.49	13	PASS
				RB25#13	6.5	13	PASS
				RB25#25	6.57	13	PASS
				RB50#0	6.77	13	PASS
			HCH	RB1#0	6.11	13	PASS
				RB1#25	6.01	13	PASS
				RB1#49	6.05	13	PASS
				RB25#0	6.44	13	PASS
		RB25#13		6.73	13	PASS	
		RB25#25		6.57	13	PASS	
		15	LCH	RB1#0	6.25	13	PASS
				RB1#38	5.8	13	PASS
				RB1#74	5.91	13	PASS
				RB38#0	6.66	13	PASS
				RB38#19	6.53	13	PASS
				RB38#39	6.4	13	PASS
			MCH	RB75#0	6.86	13	PASS
				RB1#0	5.96	13	PASS
RB1#38	6.05			13	PASS		
RB1#74	6.09			13	PASS		
RB38#0	6.43	13		PASS			
RB38#19	6.56	13		PASS			
HCH	RB38#39	6.59	13	PASS			
	RB75#0	6.99	13	PASS			
	RB1#0	6.11	13	PASS			
	RB1#38	5.95	13	PASS			
				RB1#74	5.97	13	PASS
				RB38#0	6.48	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#19	6.56	13	PASS	
				RB38#39	6.43	13	PASS	
				RB75#0	6.97	13	PASS	
		20	LCH	RB1#0	5.85	13	PASS	
				RB1#50	5.61	13	PASS	
				RB1#99	5.69	13	PASS	
				RB50#0	6.51	13	PASS	
				RB50#25	6.48	13	PASS	
				RB50#50	6.49	13	PASS	
				RB100#0	6.84	13	PASS	
				MCH	RB1#0	5.46	13	PASS
					RB1#50	5.38	13	PASS
					RB1#99	5.59	13	PASS
					RB50#0	6.42	13	PASS
					RB50#25	6.51	13	PASS
					RB50#50	6.53	13	PASS
					RB100#0	6.94	13	PASS
				HCH	RB1#0	5.62	13	PASS
					RB1#50	5.61	13	PASS
					RB1#99	5.64	13	PASS
					RB50#0	6.75	13	PASS
RB50#25	6.55	13	PASS					
RB50#50	6.57	13	PASS					
RB100#0	7.03	13	PASS					

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

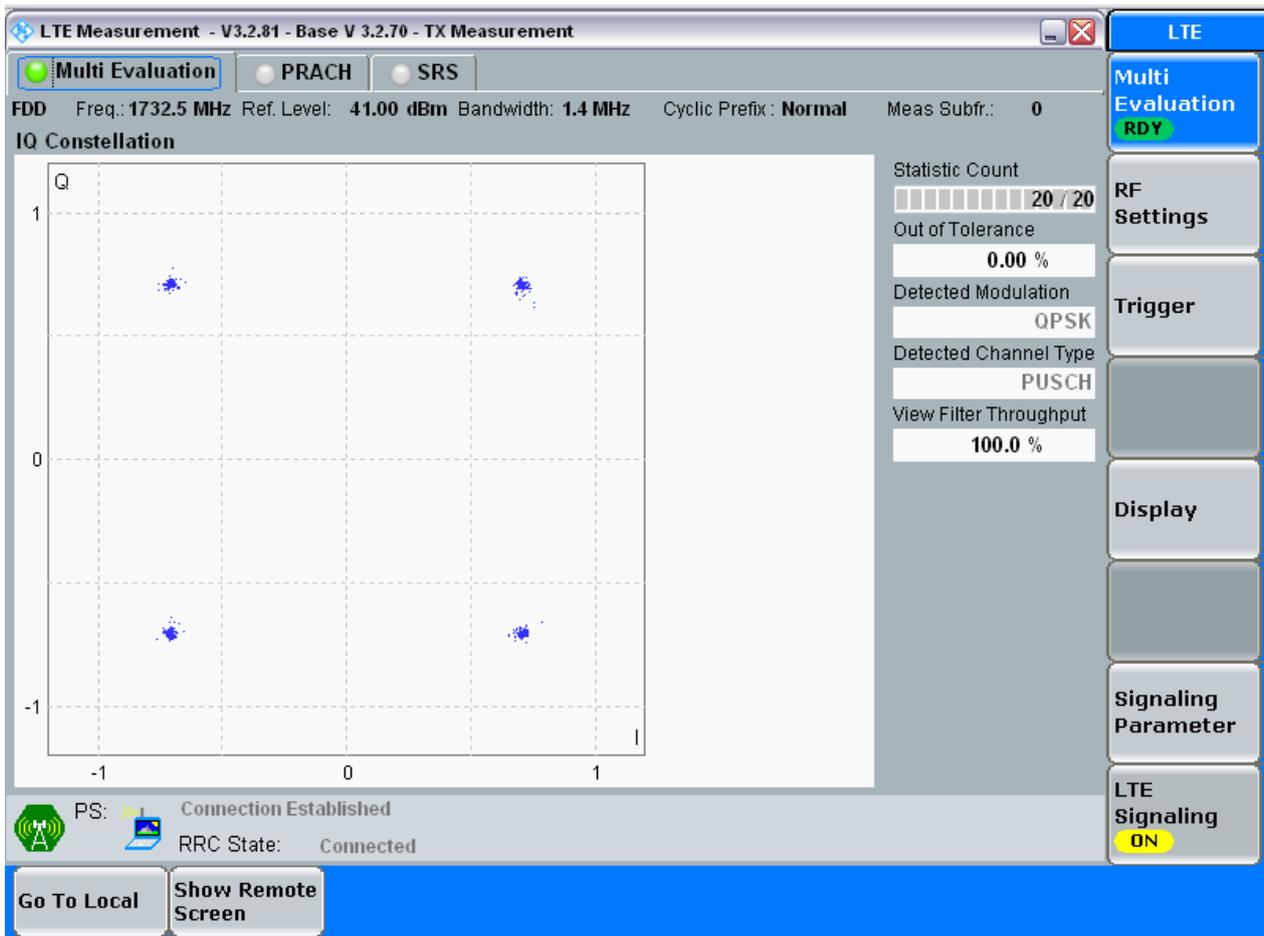
3.1.1 Test Band = BAND4

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

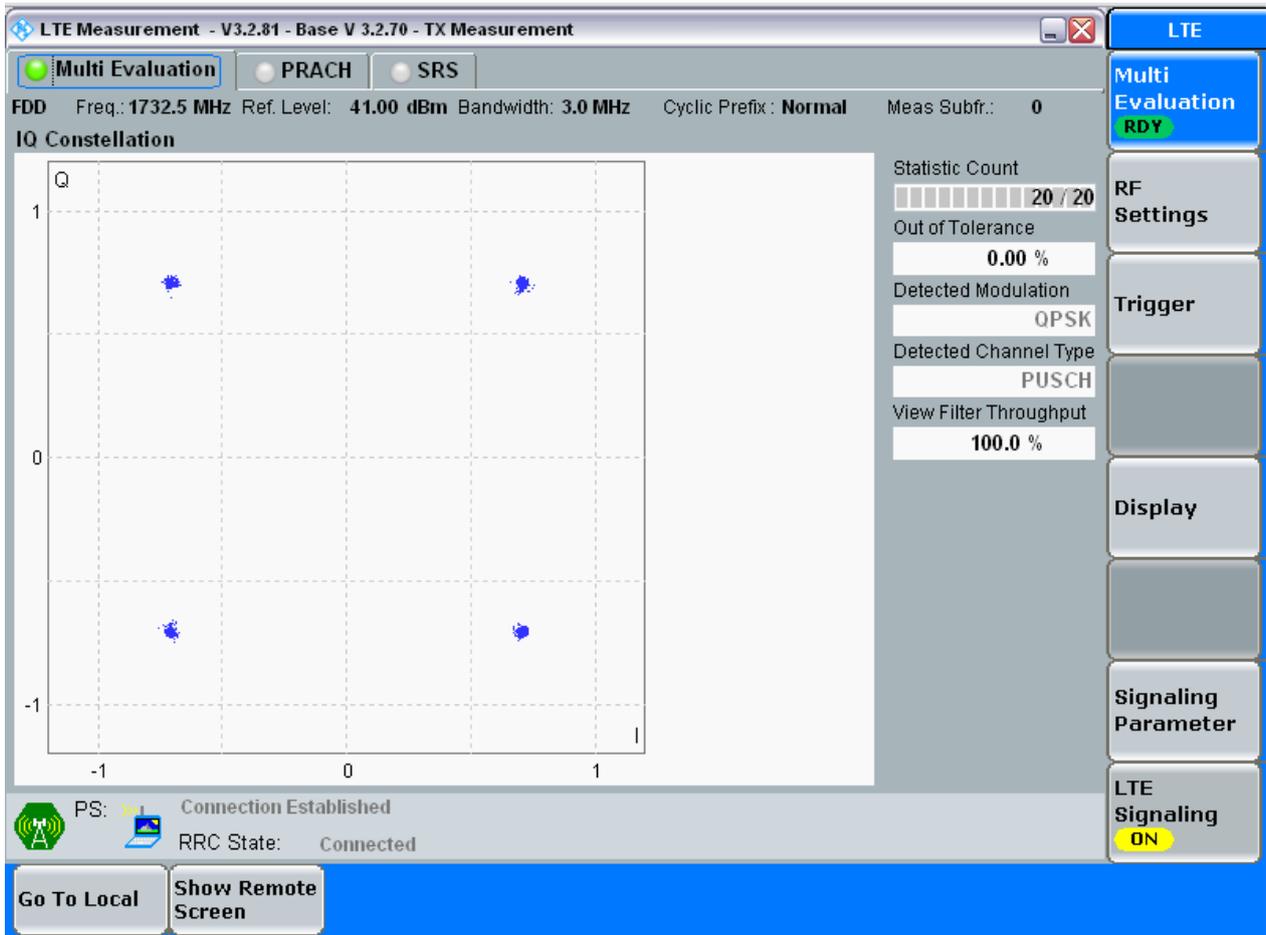
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

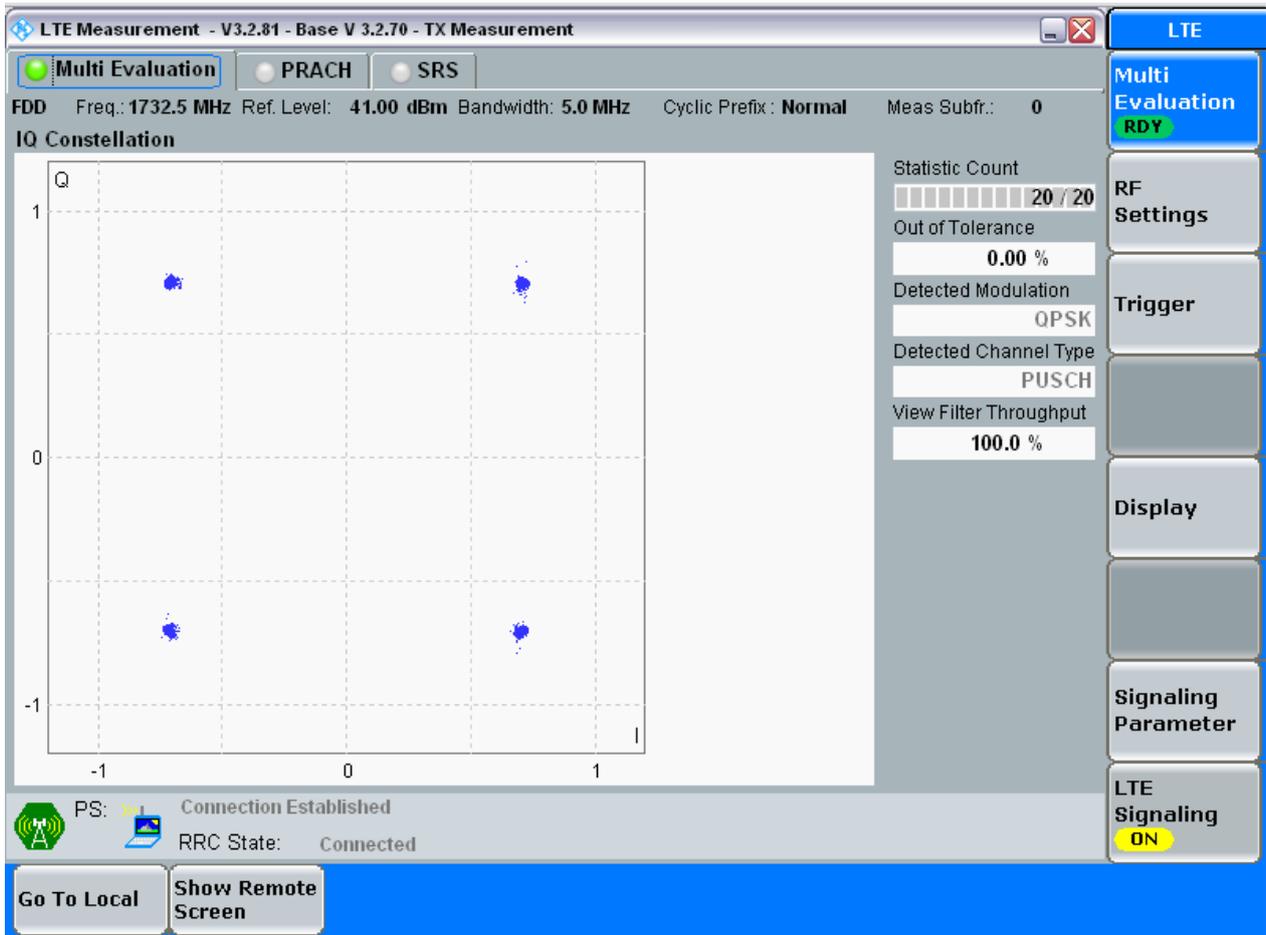
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

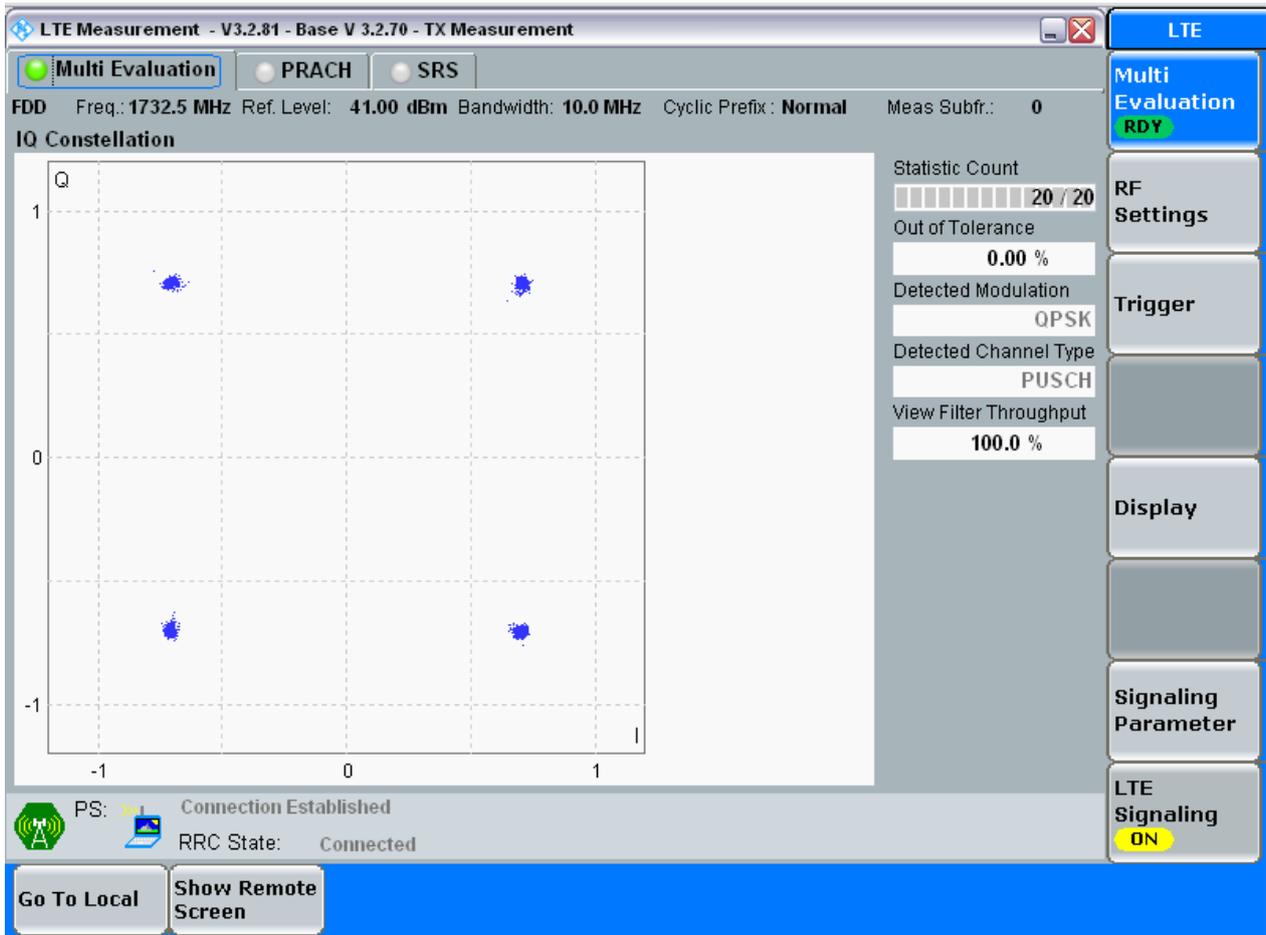
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

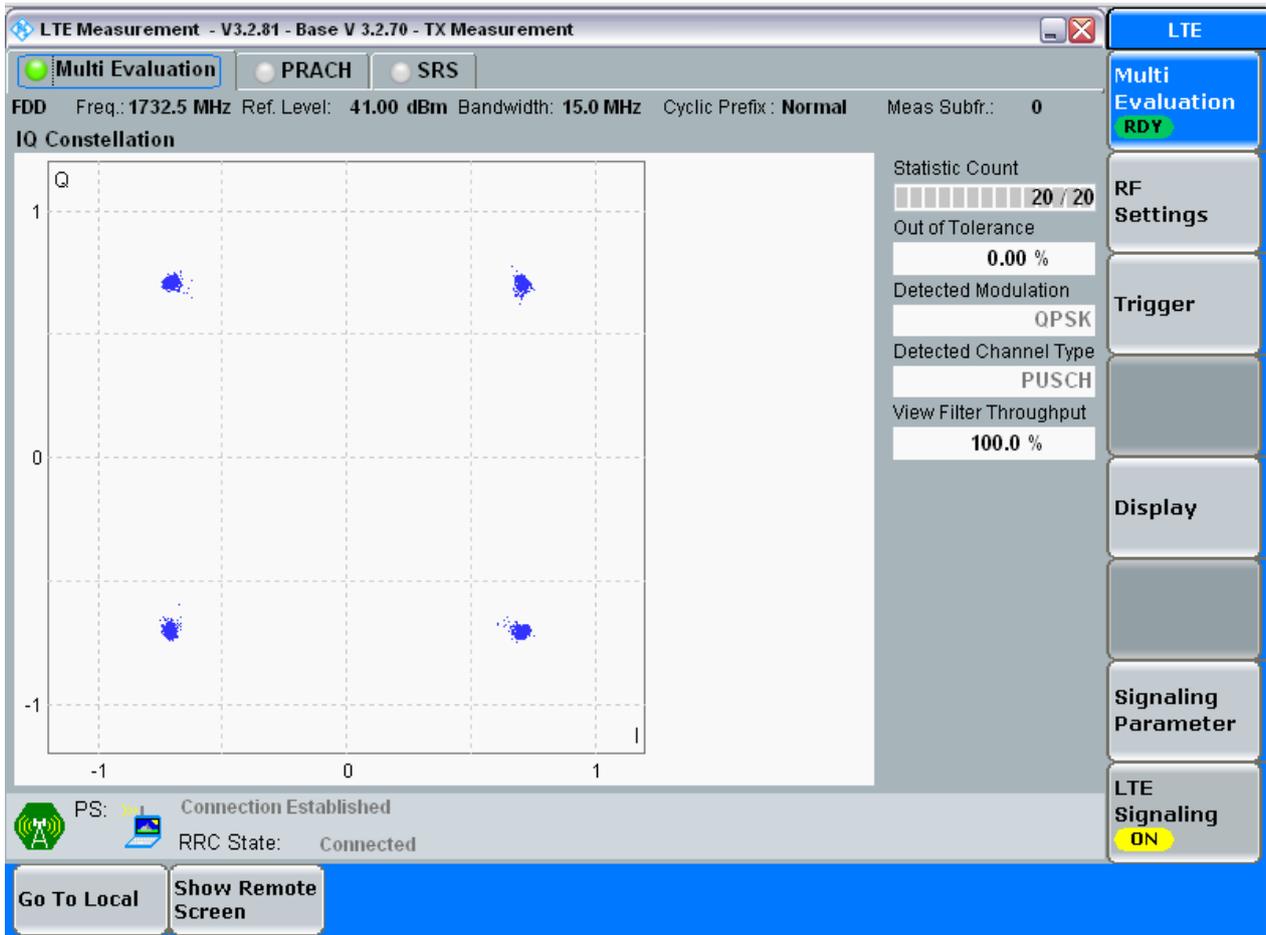
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

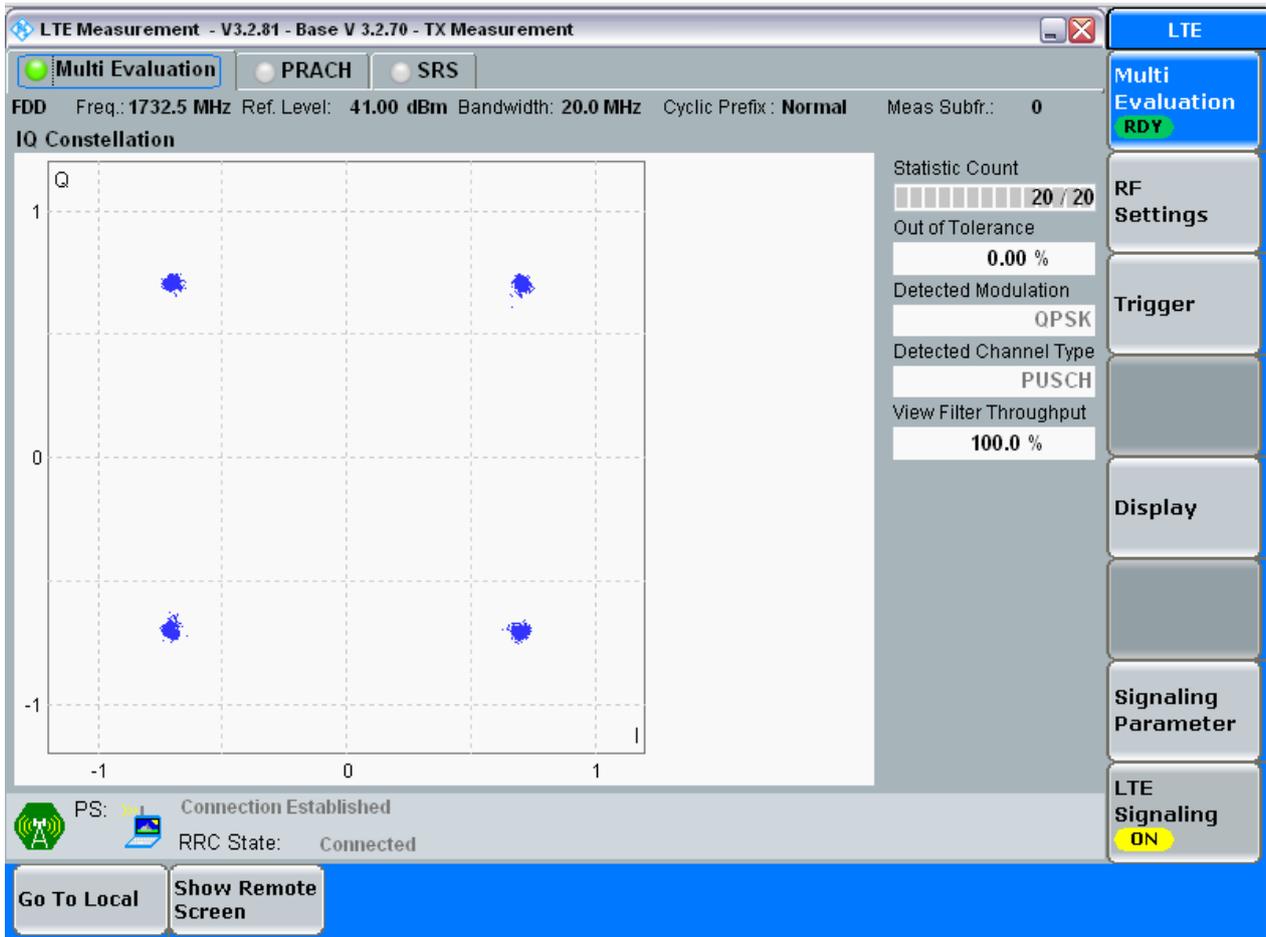
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

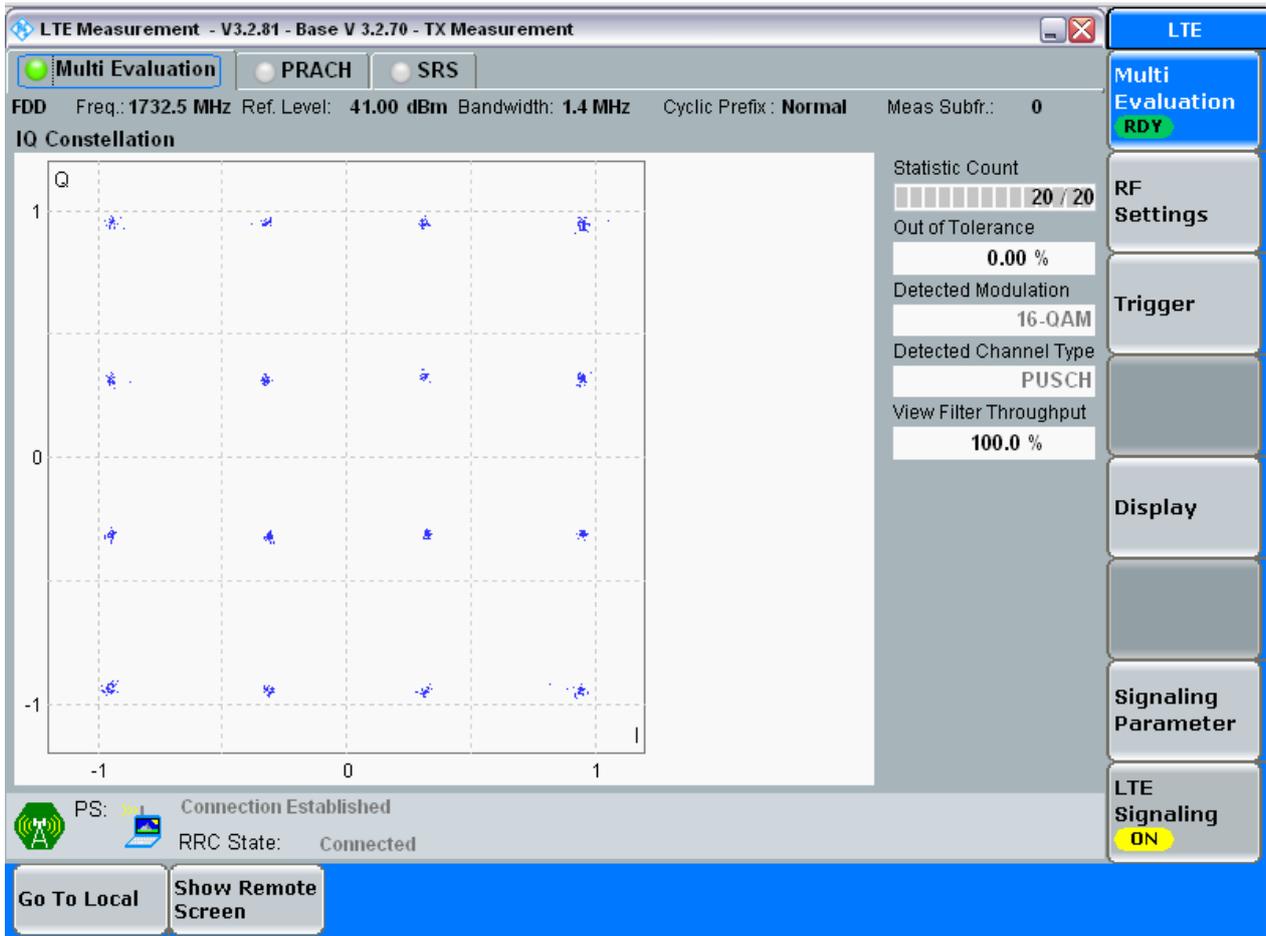


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

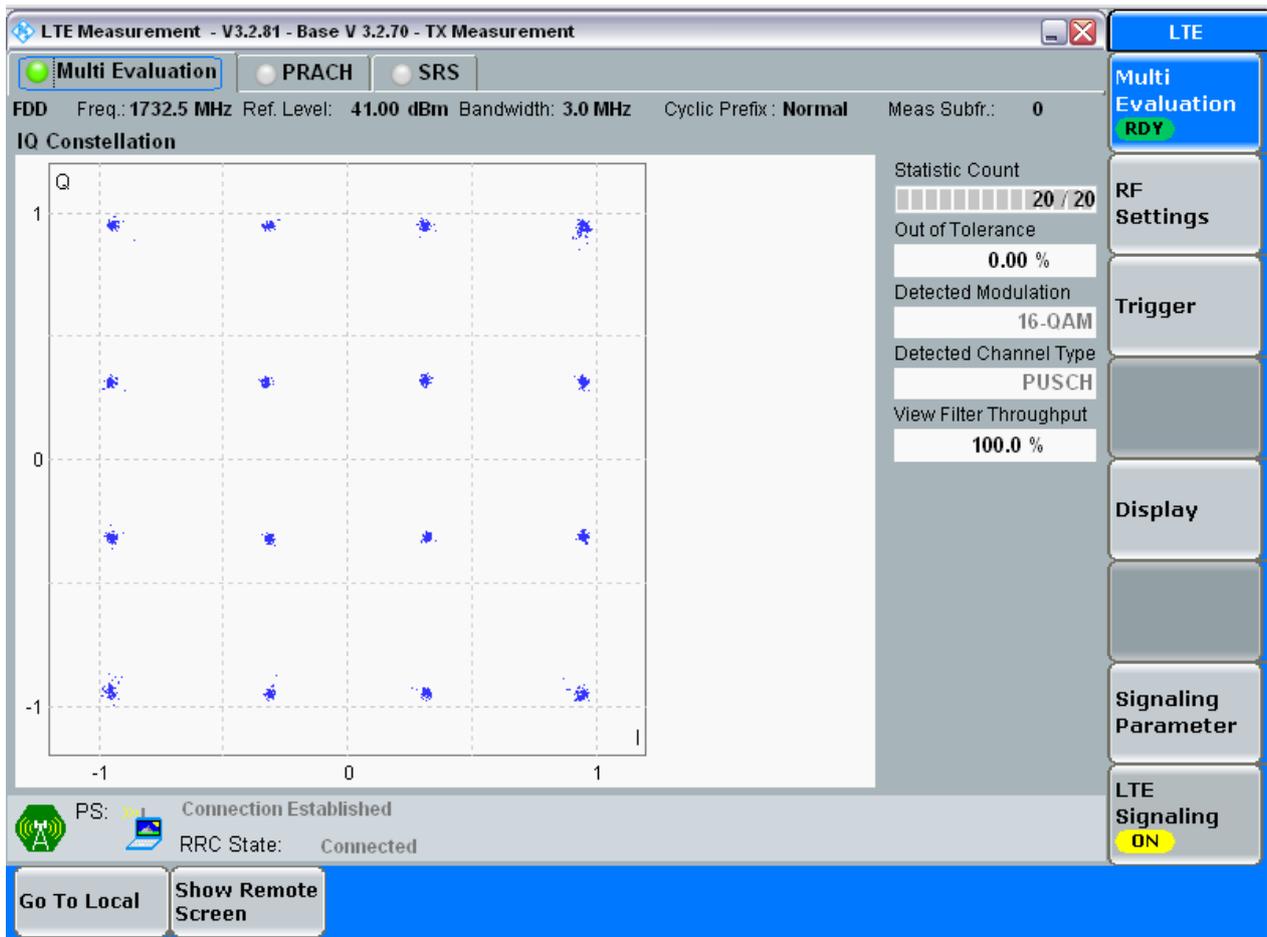
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

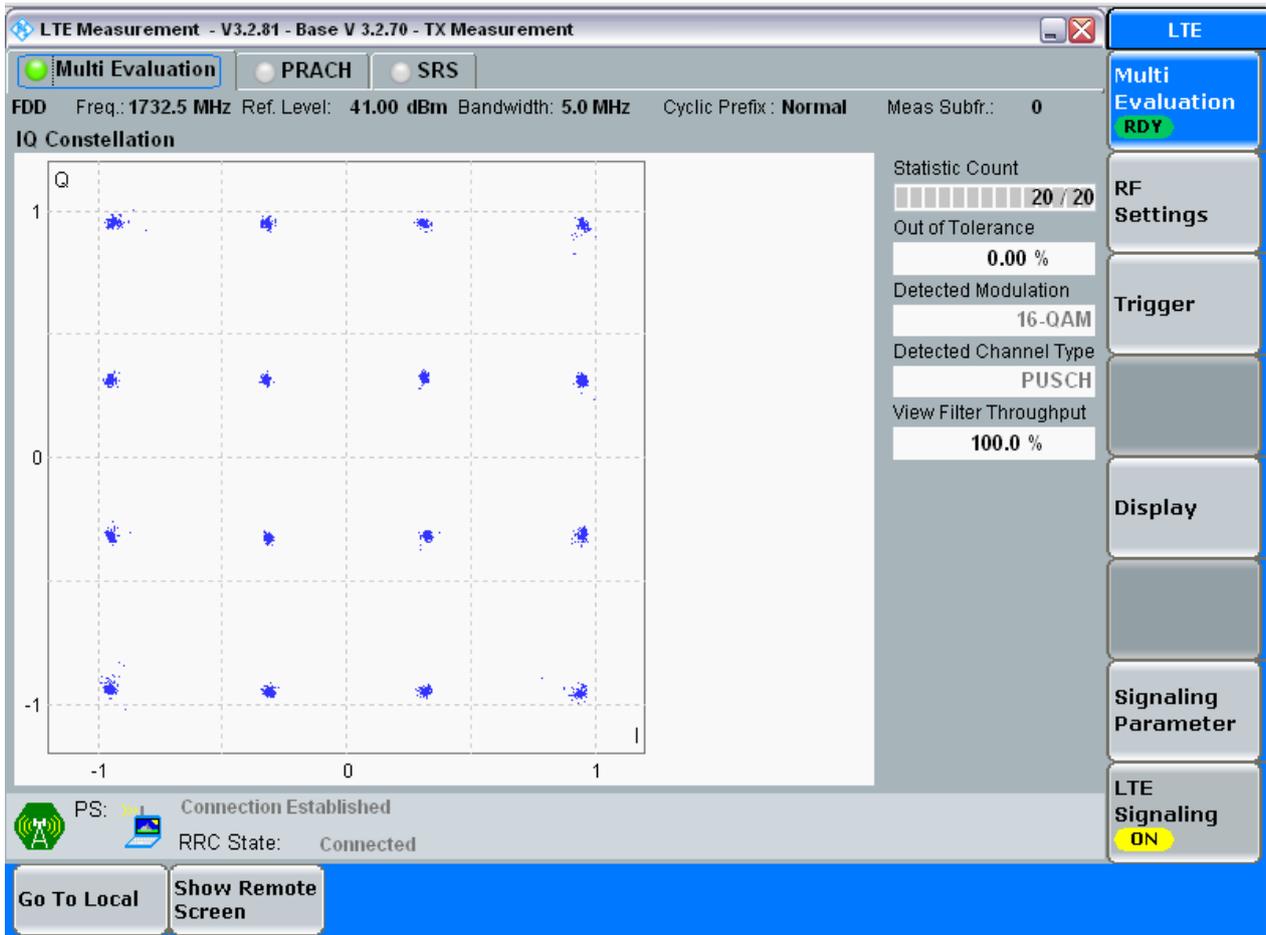
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

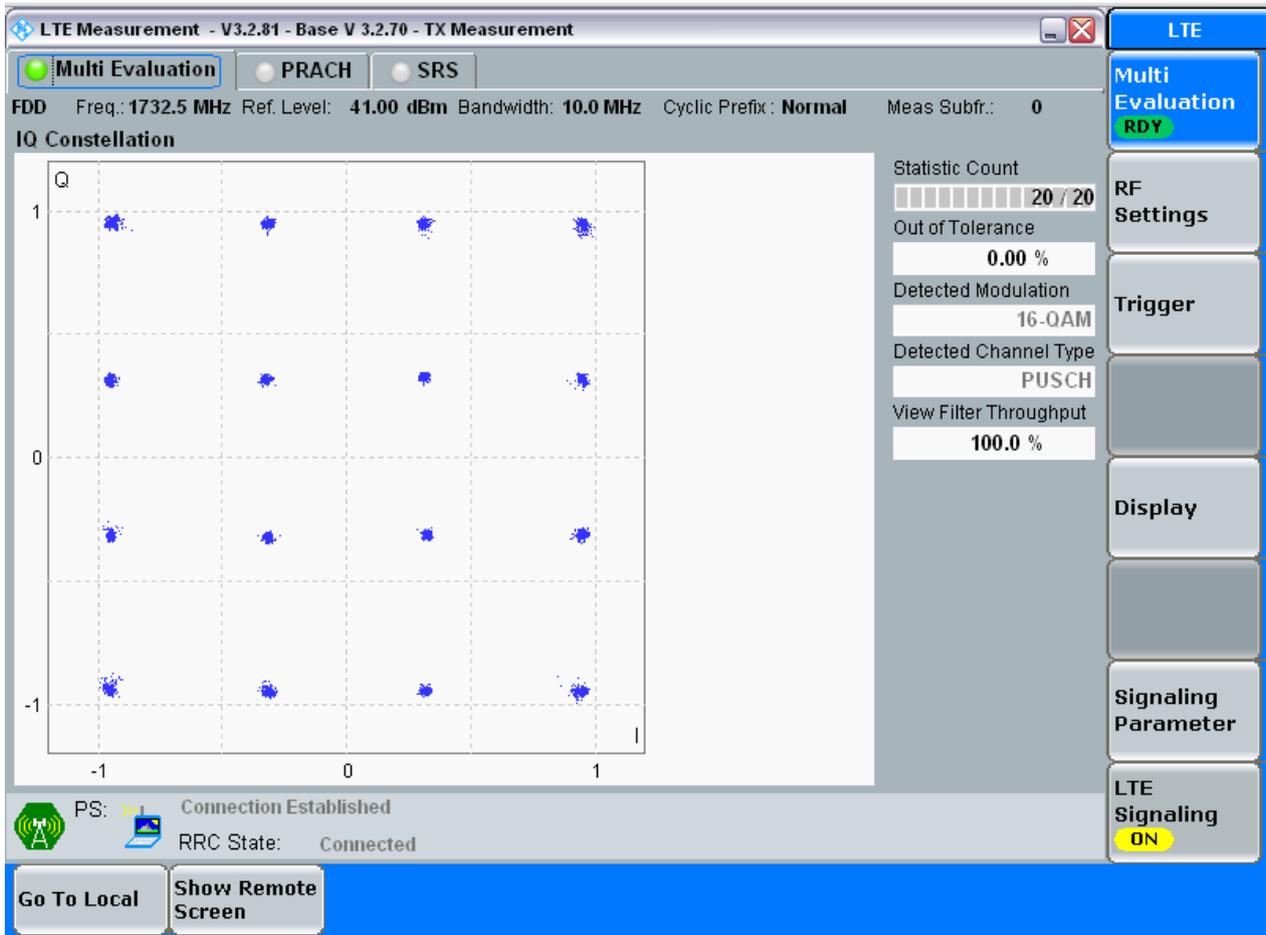
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

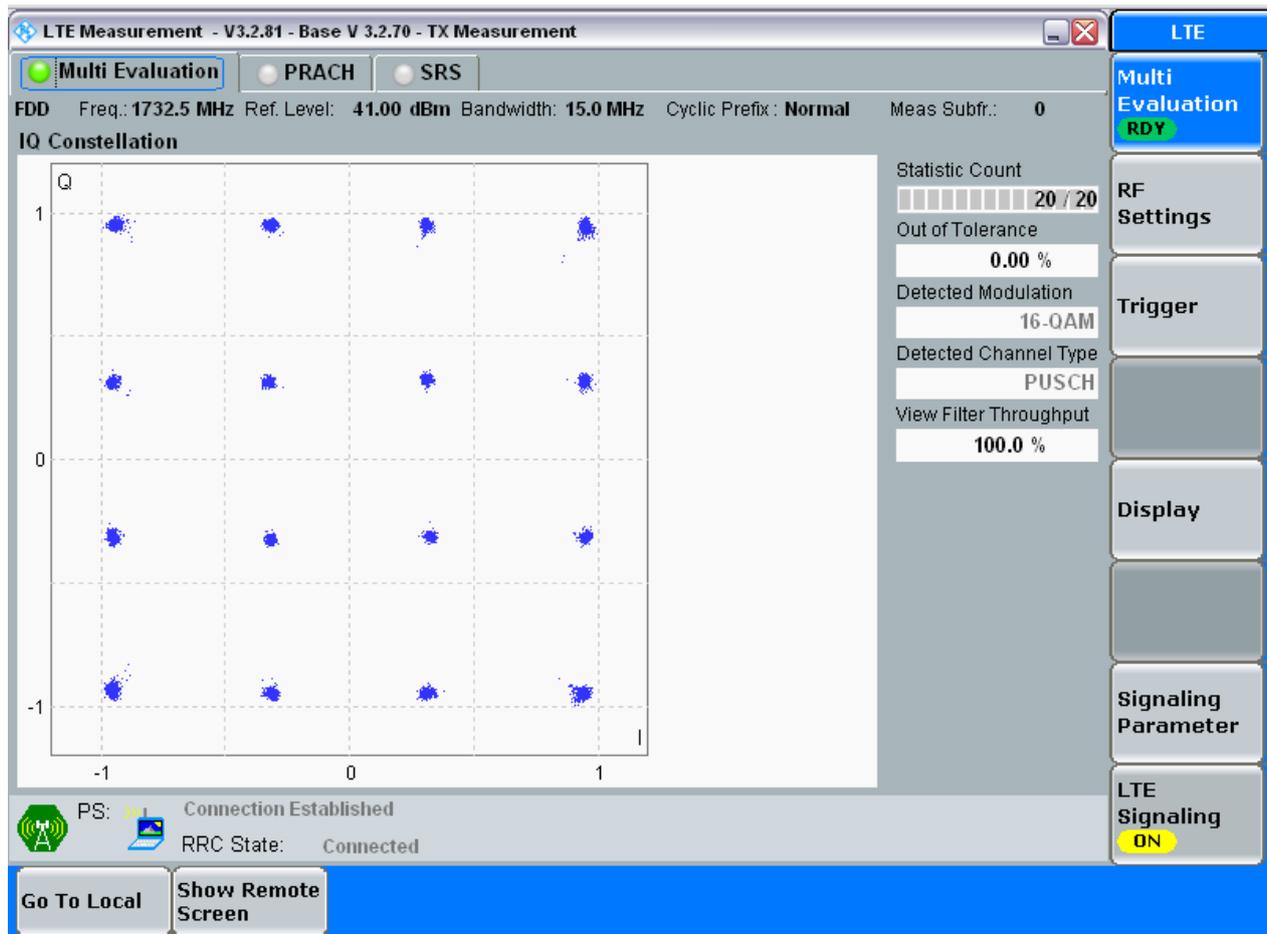
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

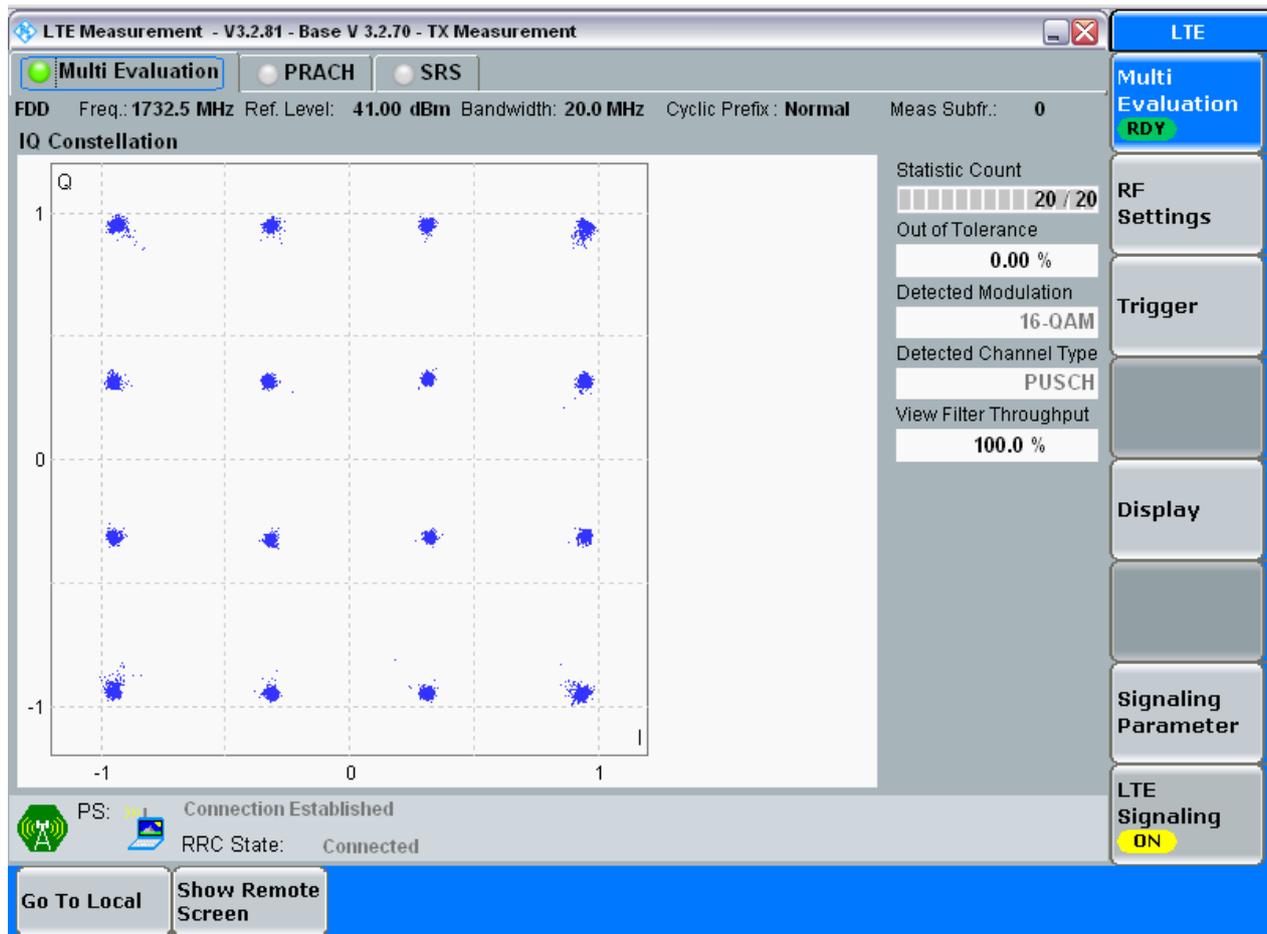
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.98	9.61	Pass
			MCH	RB50#0	9.00	9.64	Pass
			HCH	RB50#0	8.98	9.61	Pass
		15	LCH	RB75#0	13.44	14.33	Pass
			MCH	RB75#0	13.52	14.54	Pass
			HCH	RB75#0	13.44	14.30	Pass
		20	LCH	RB100#0	17.91	19.00	Pass
			MCH	RB100#0	18.02	19.15	Pass
			HCH	RB100#0	17.88	18.99	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.51	4.86	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.97	9.59	Pass
			MCH	RB50#0	8.99	9.69	Pass
			HCH	RB50#0	8.99	9.63	Pass
15	LCH	RB75#0	13.44	14.33	Pass		
	MCH	RB75#0	13.51	14.46	Pass		
	HCH	RB75#0	13.44	14.39	Pass		



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	17.91	19.02	Pass
			MCH	RB100#0	18.01	19.22	Pass
			HCH	RB100#0	17.88	18.99	Pass



Part II - Test Plots

4.1 For LTE

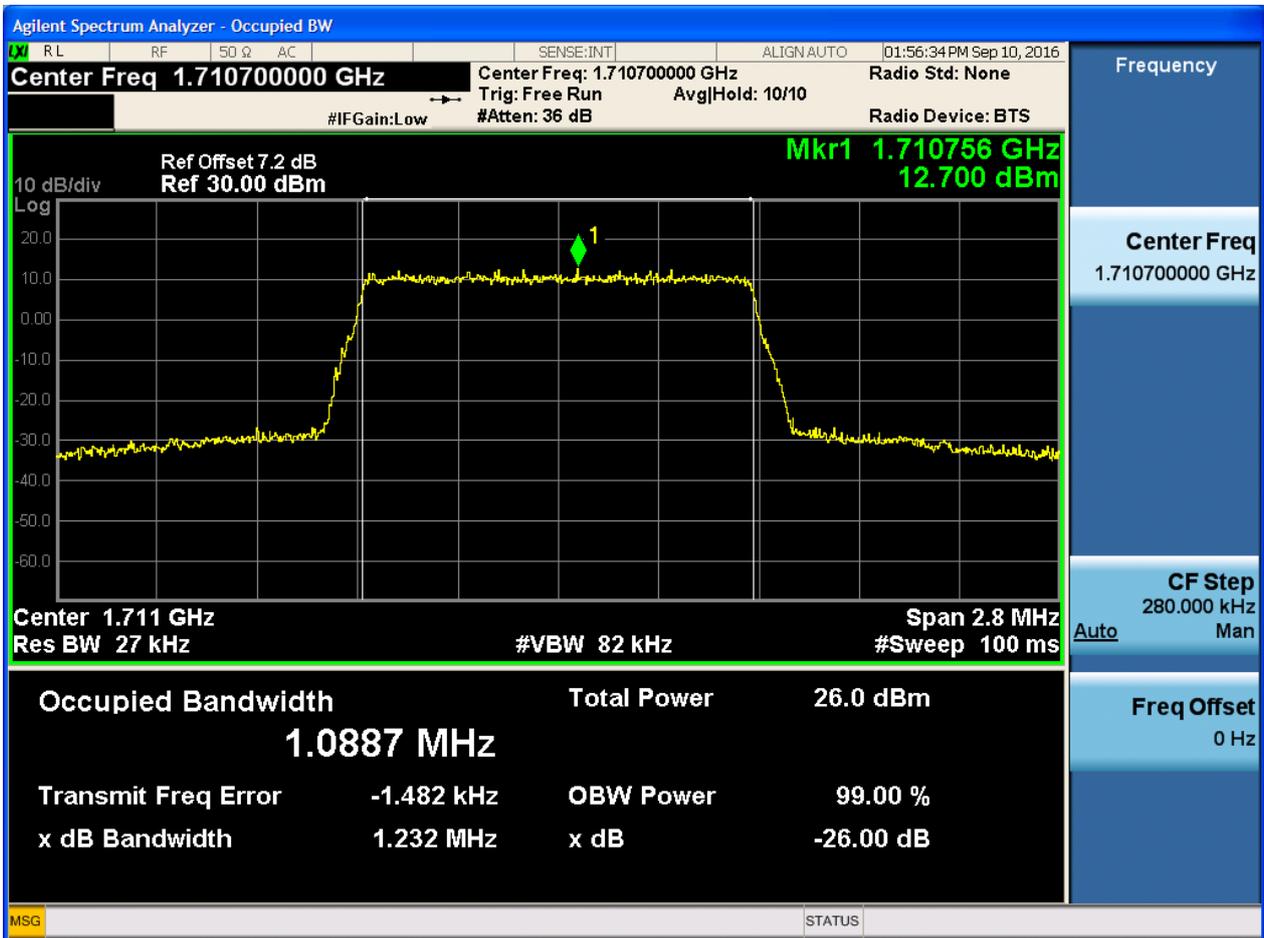
4.1.1 Test Band = BAND4

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

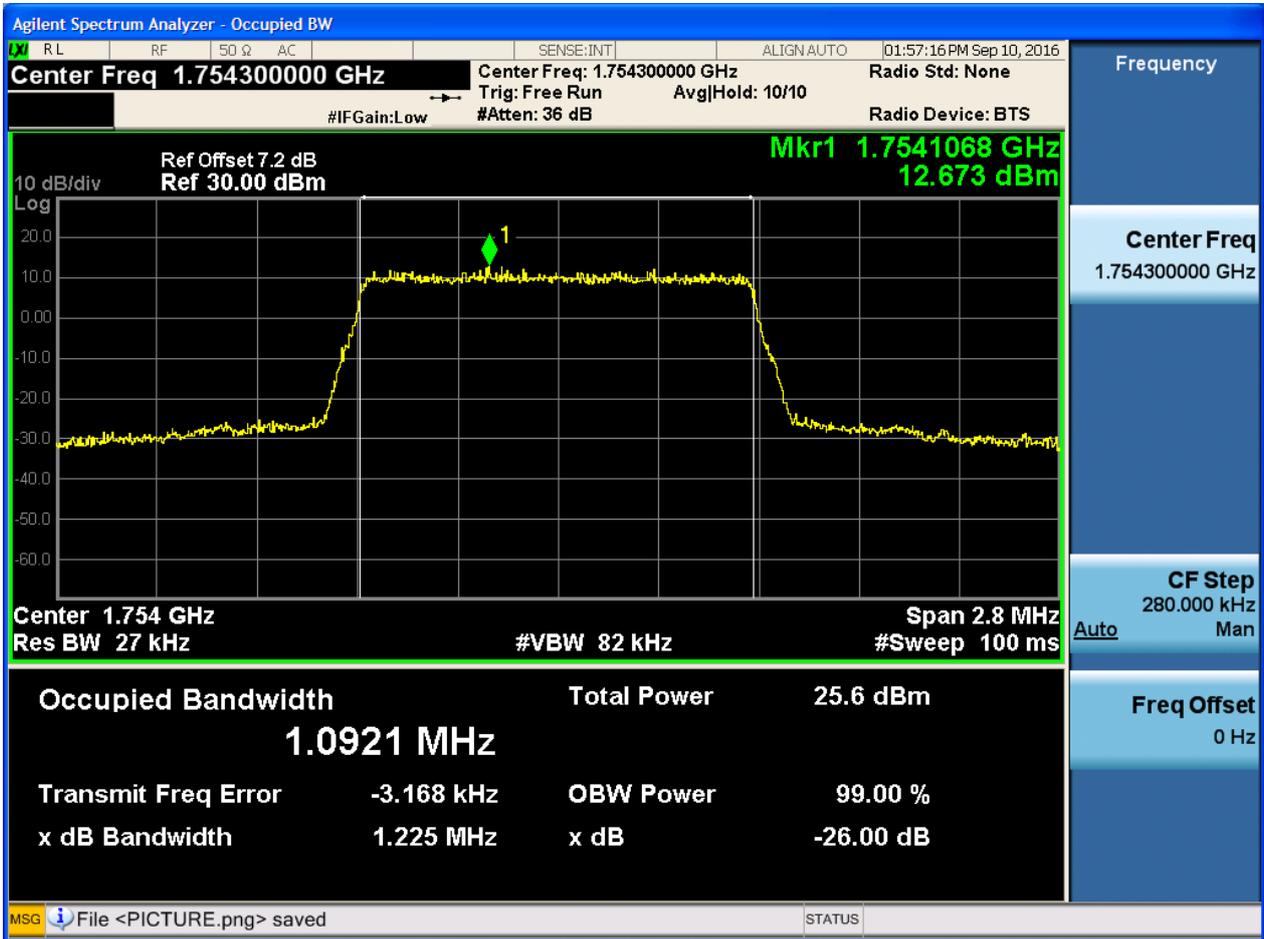
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.3 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

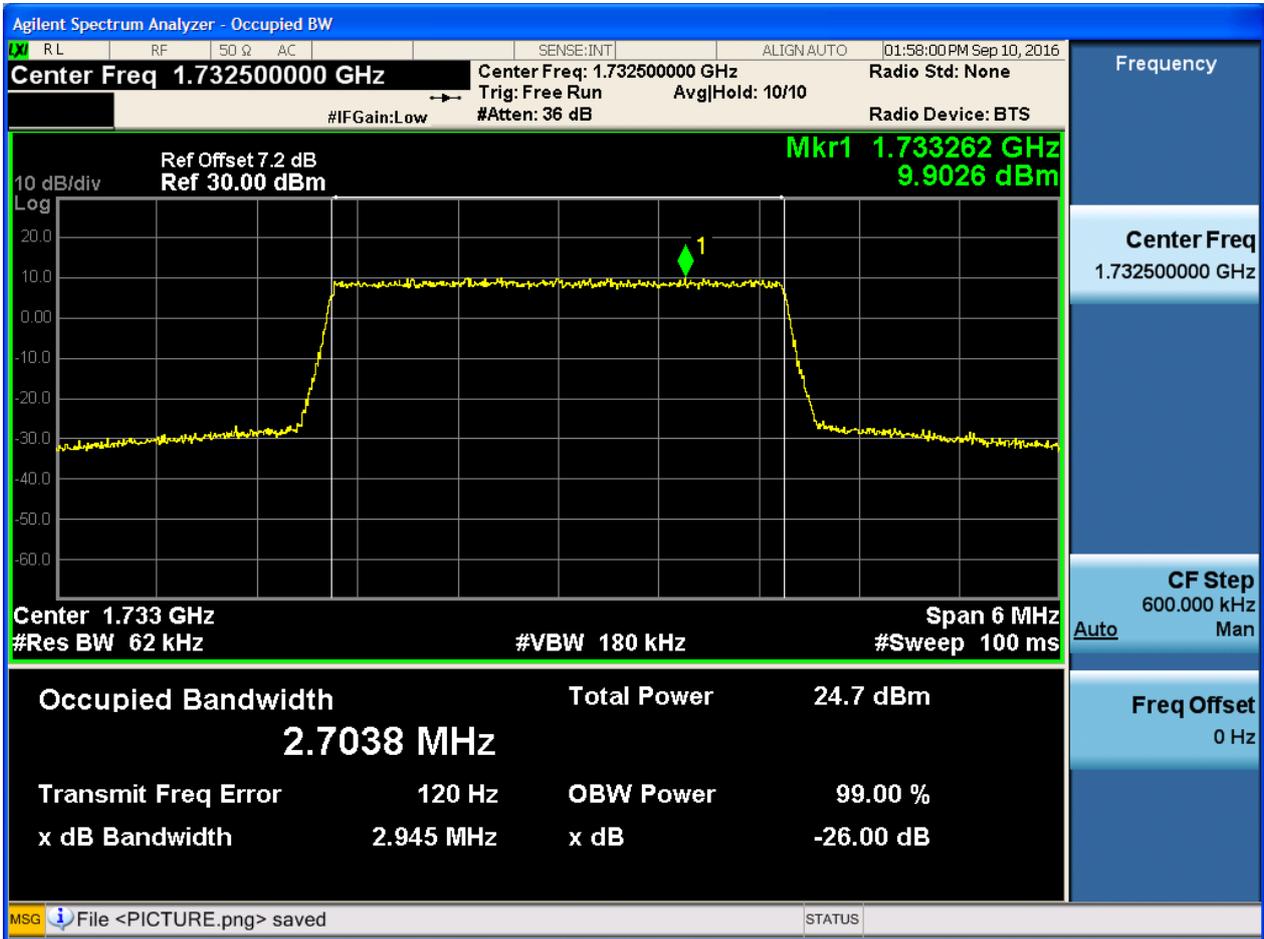
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

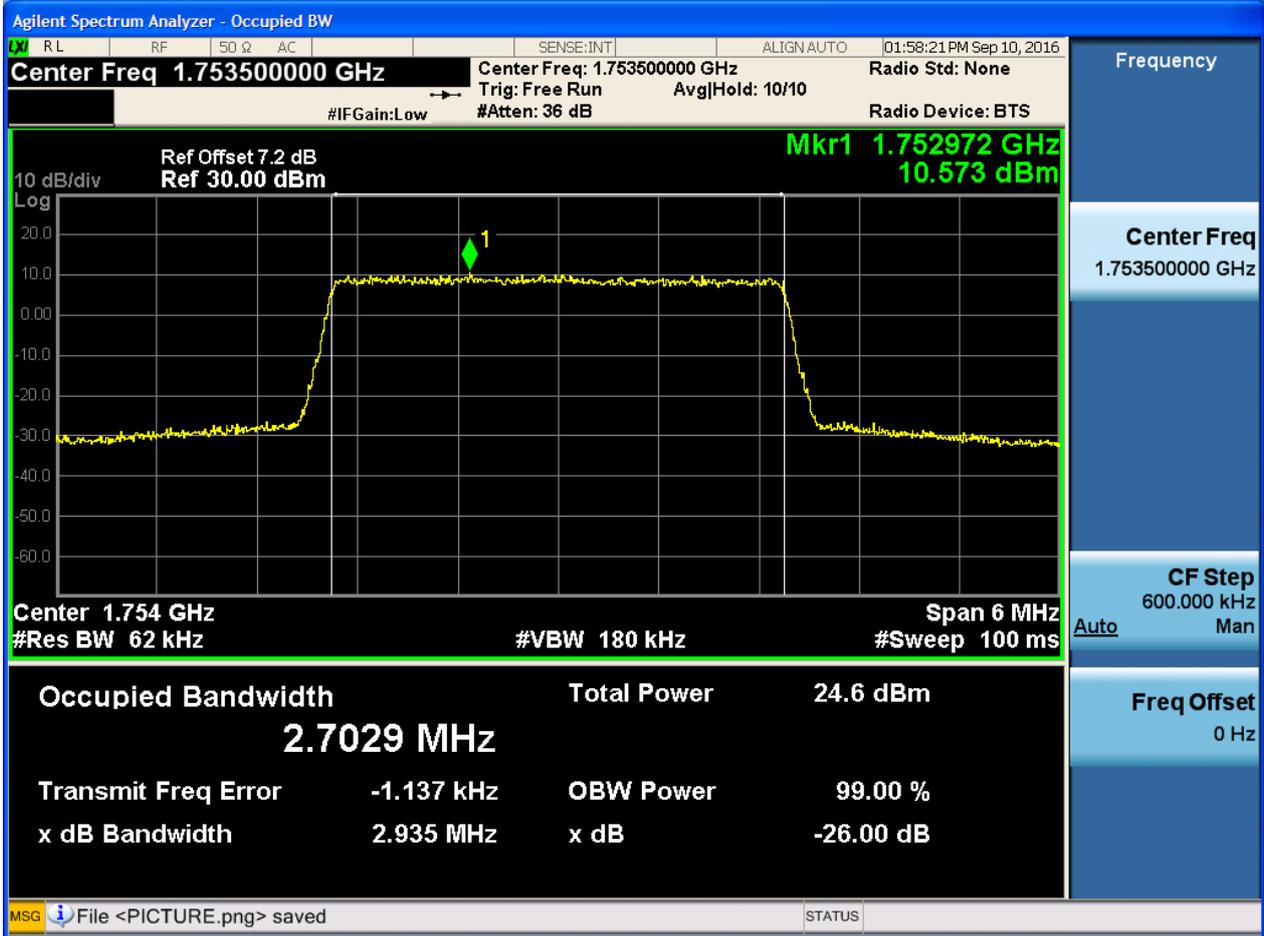
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

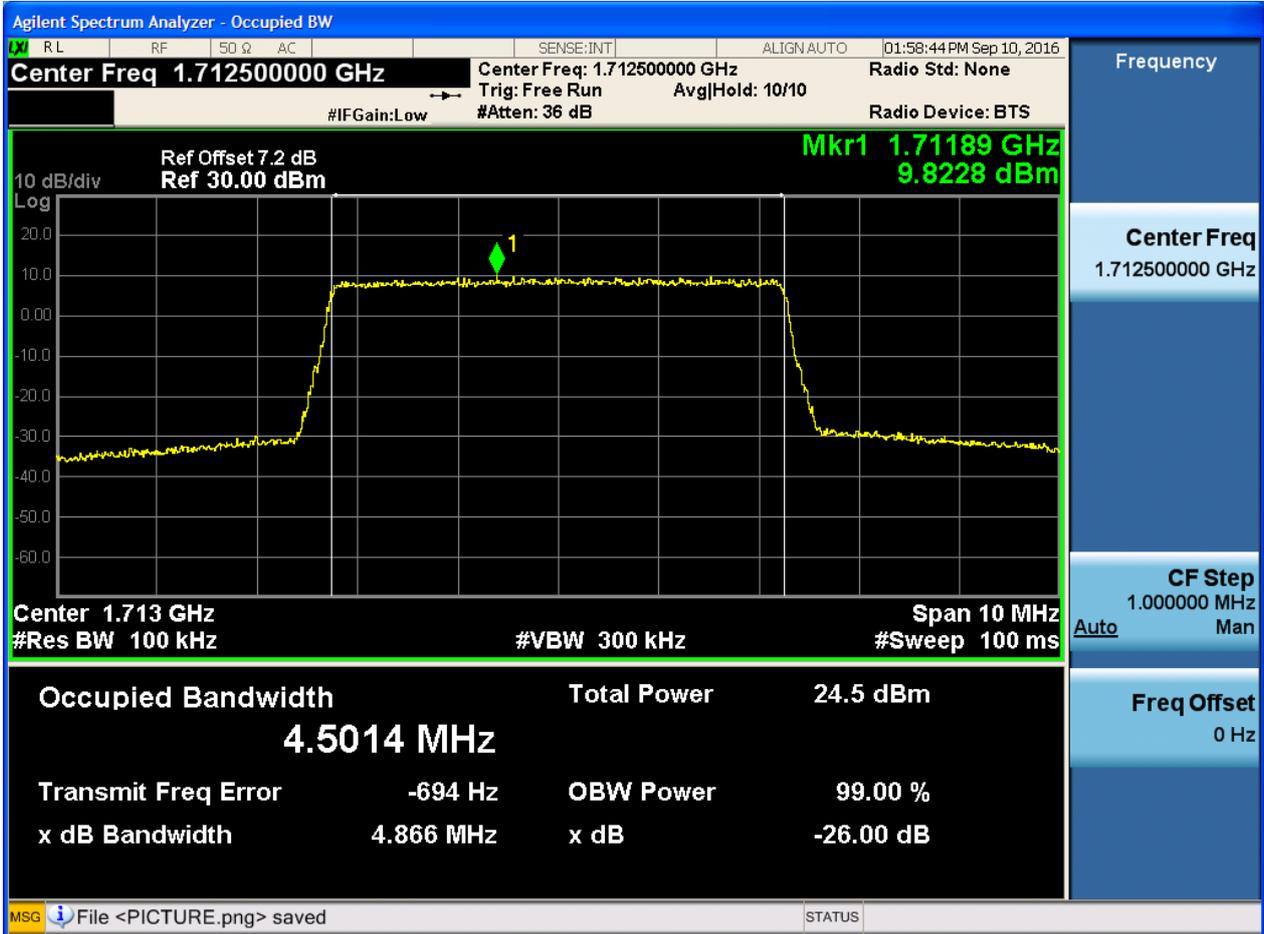




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

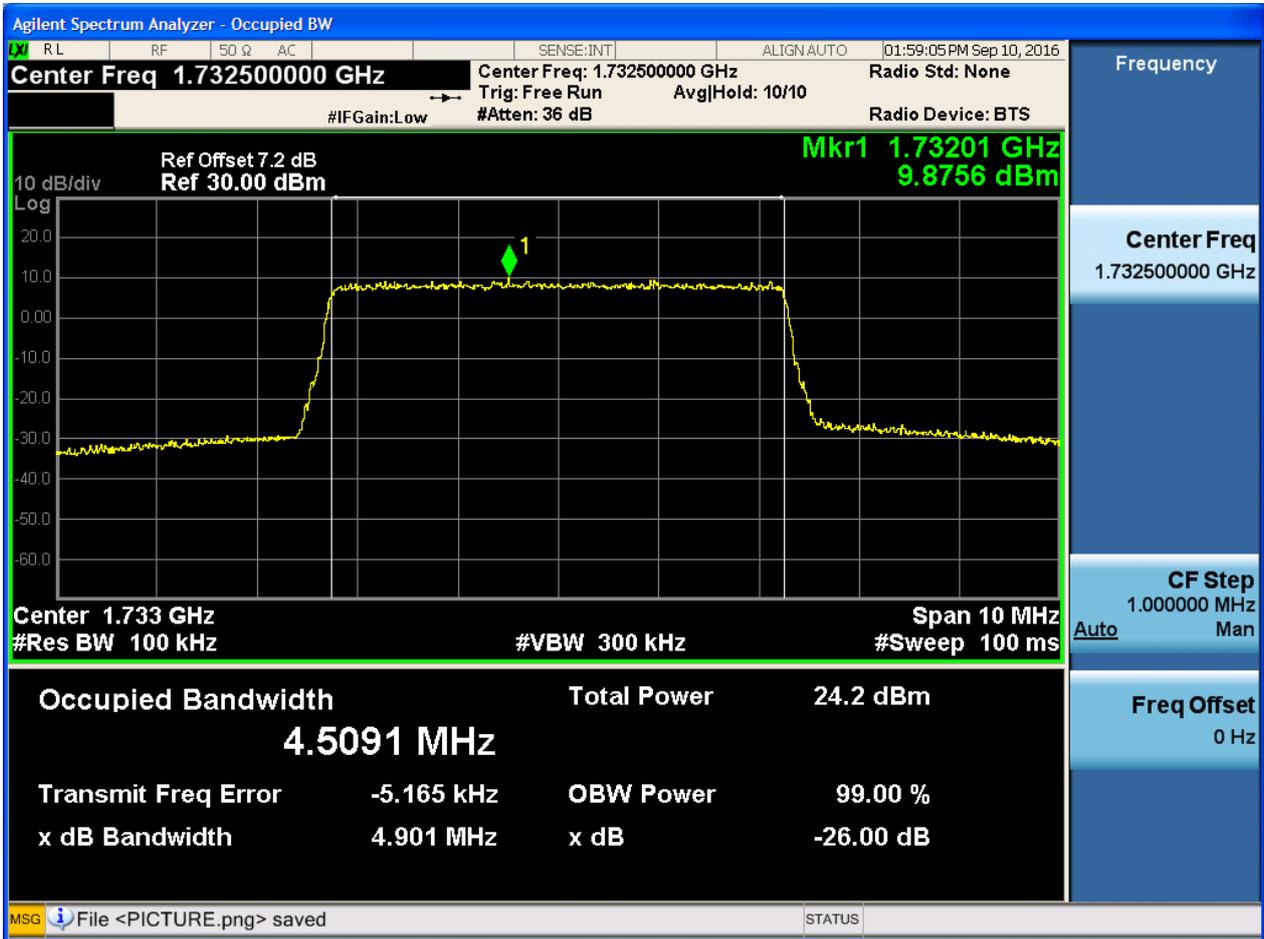
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

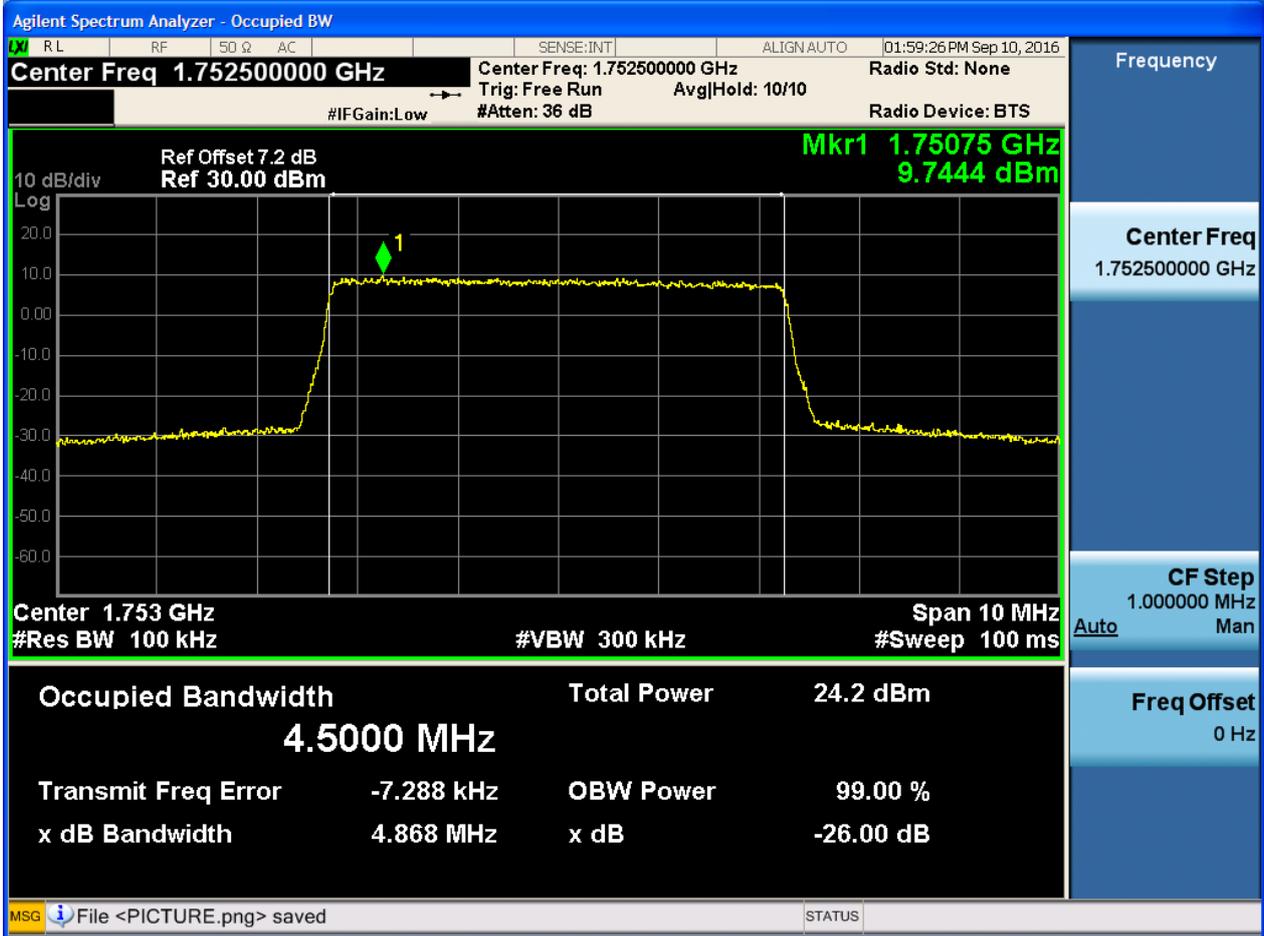
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

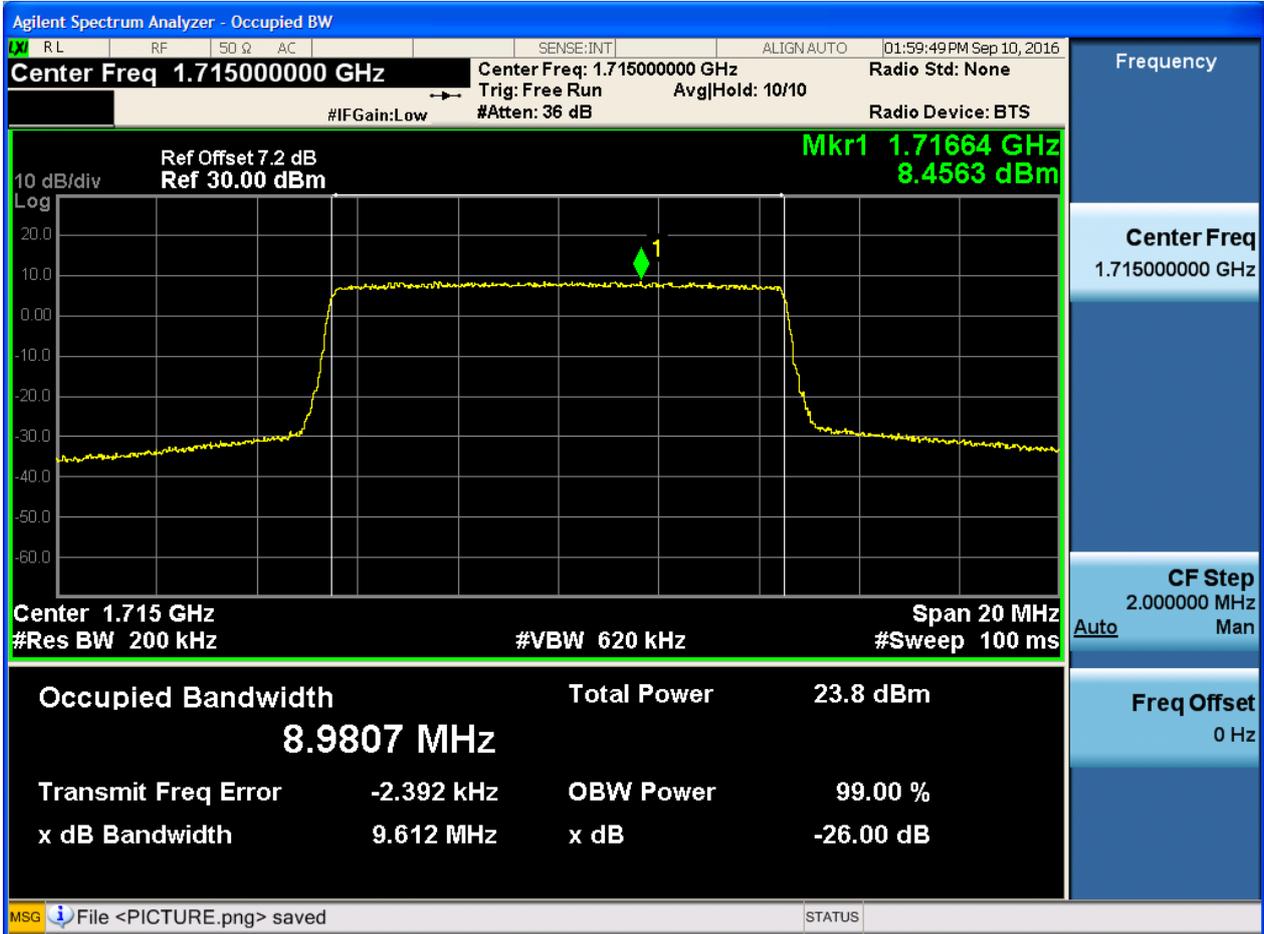




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

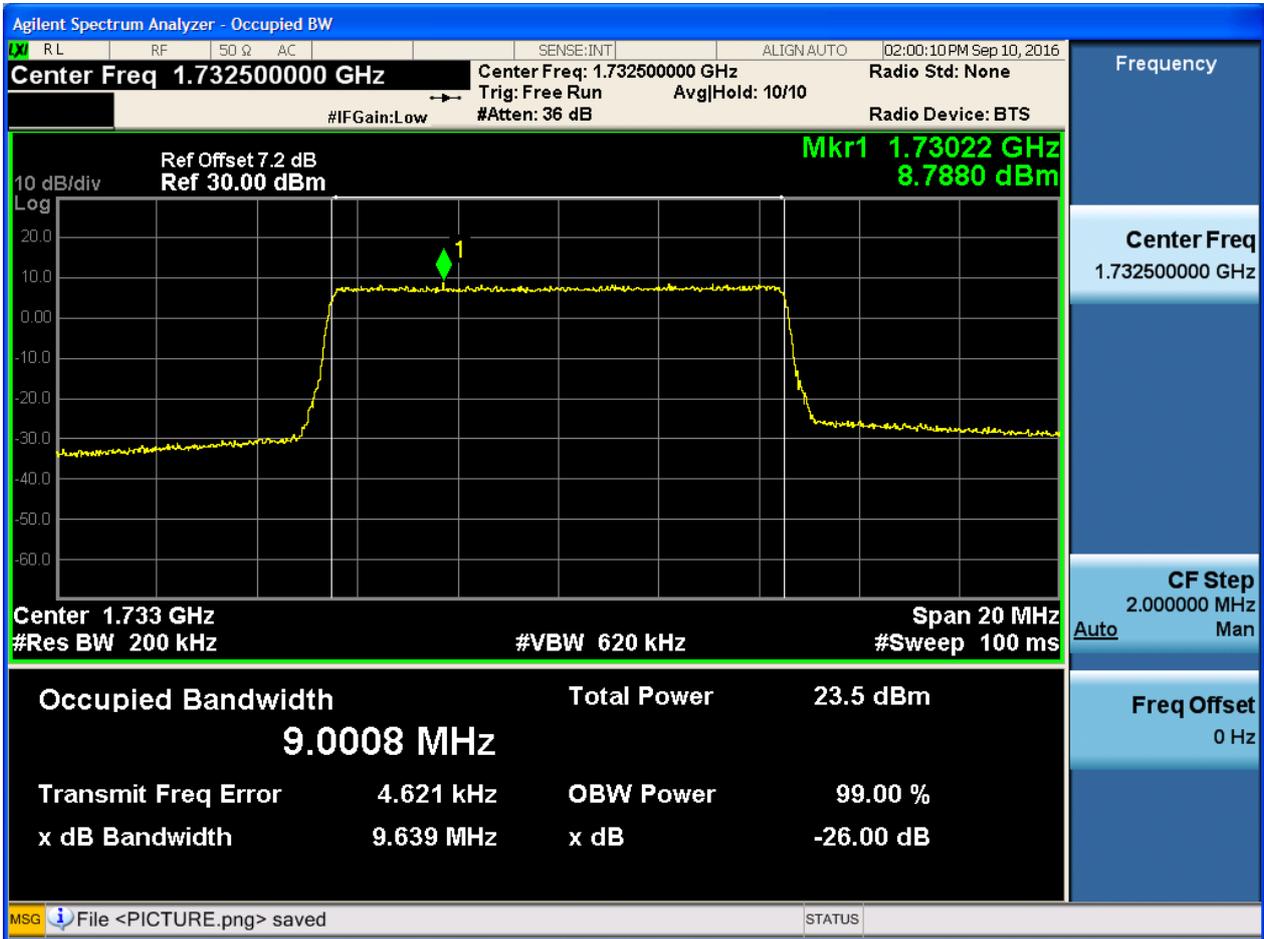
4.1.1.1.4.1.1 Test RB = RB50#0





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

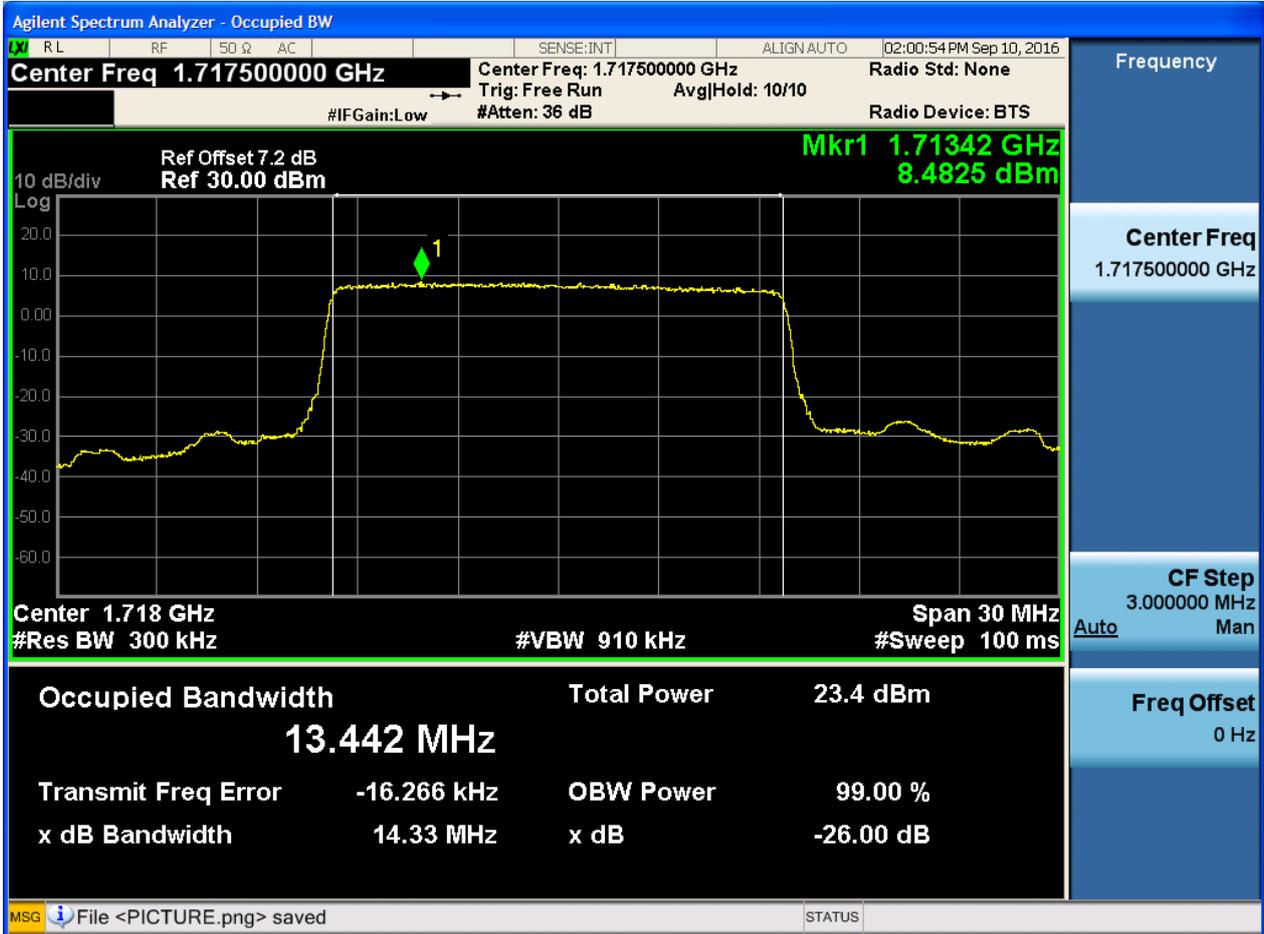




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

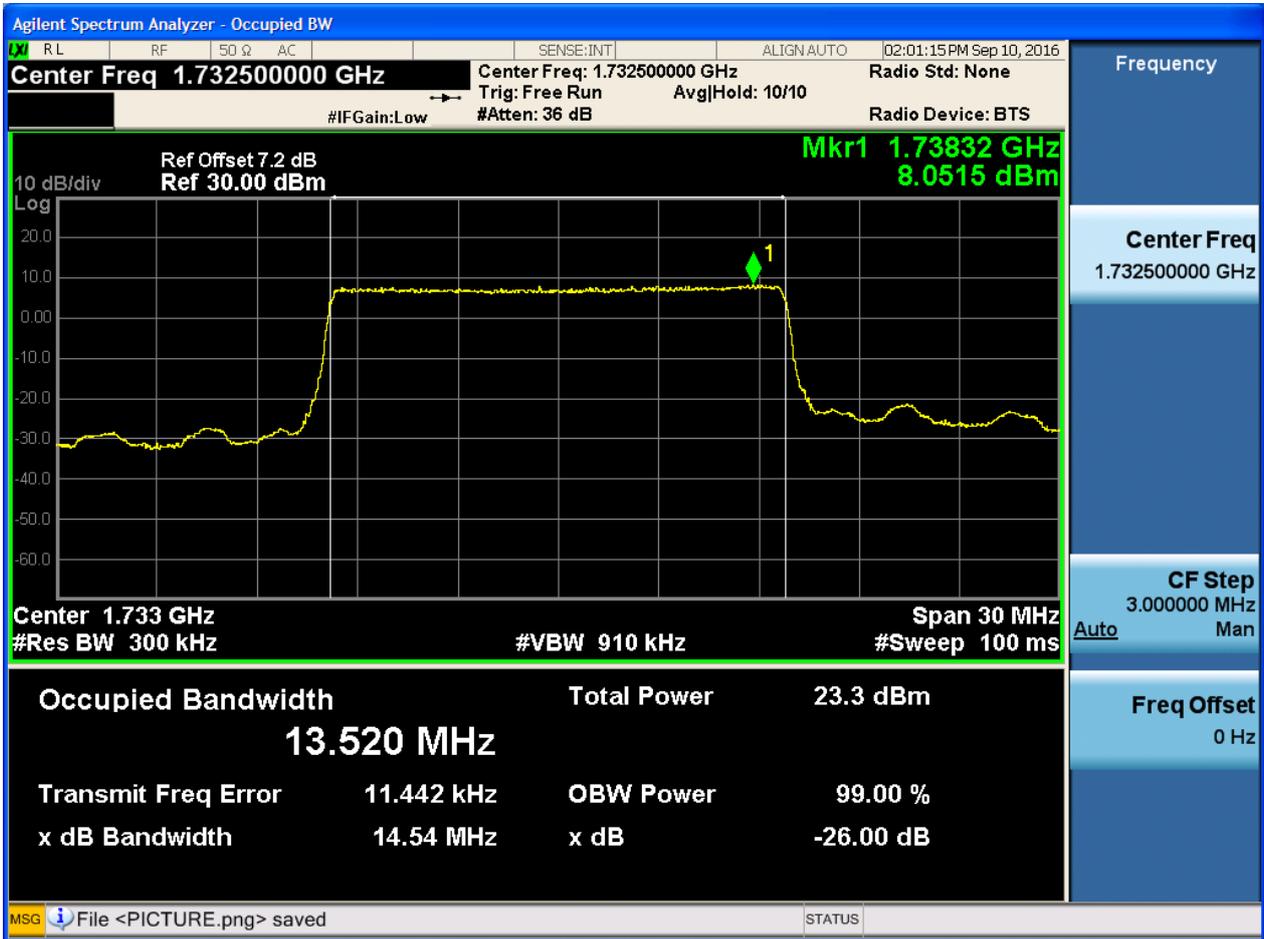
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

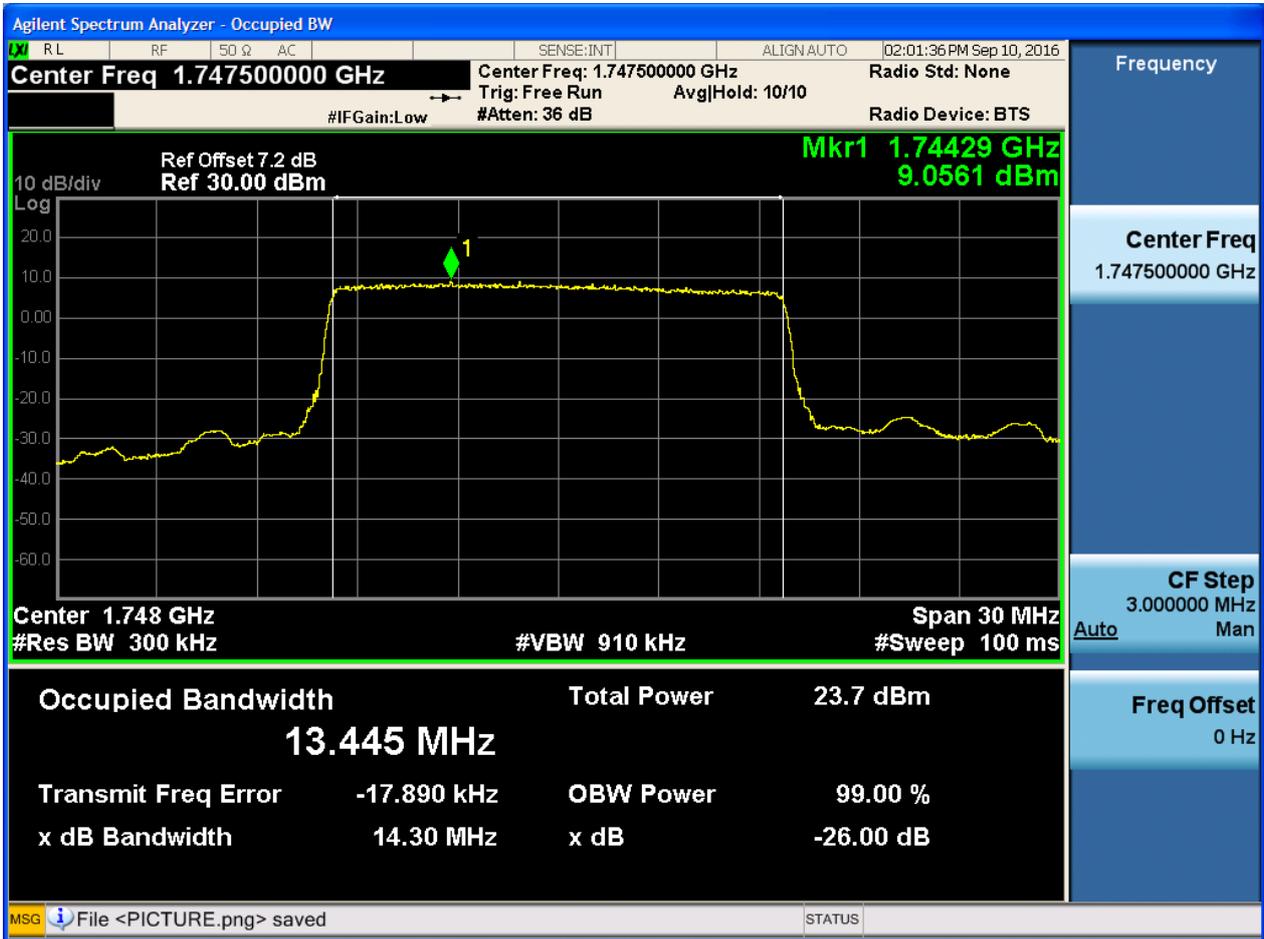
4.1.1.1.5.2.1 Test RB = RB75#0





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

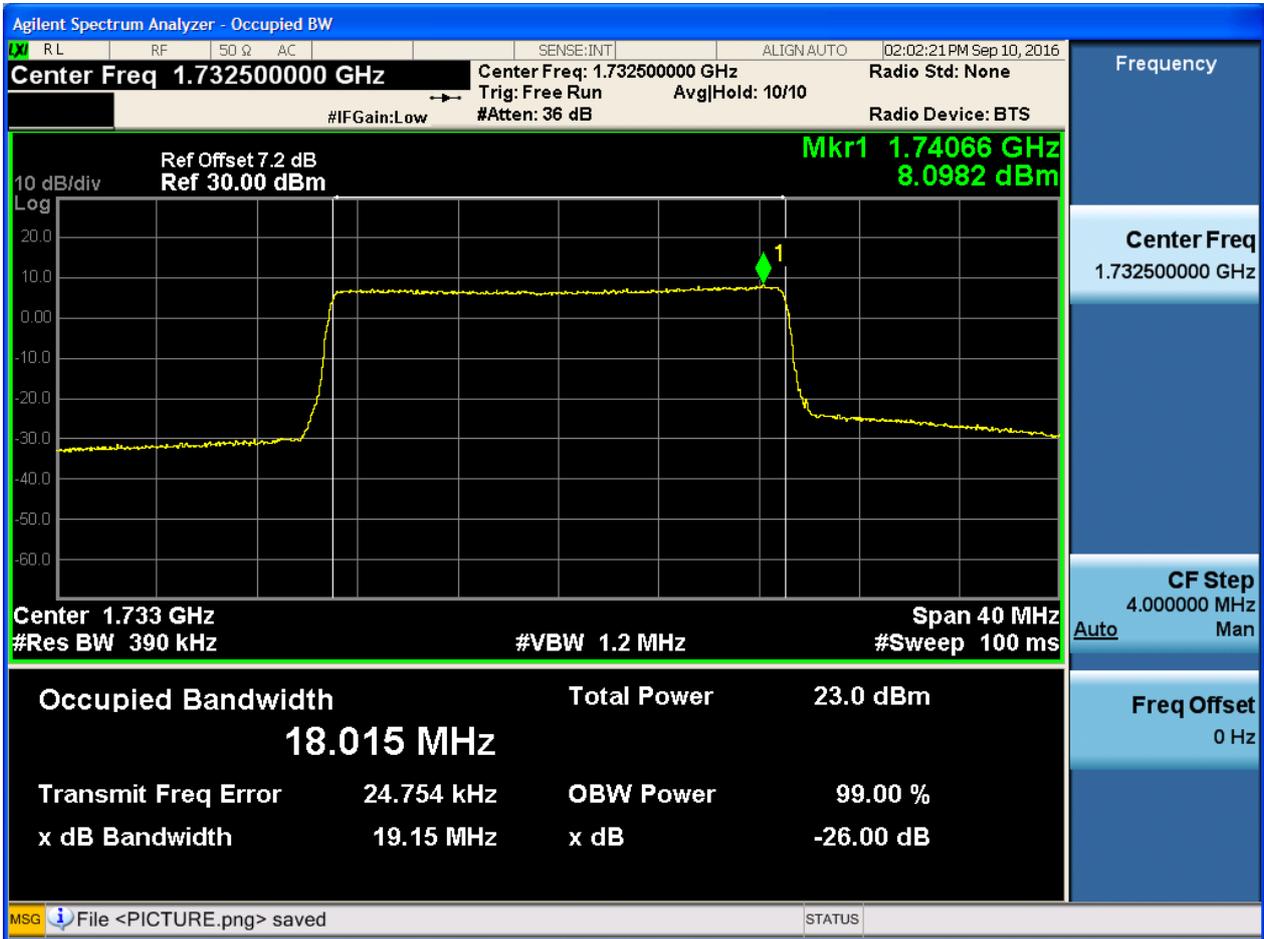
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

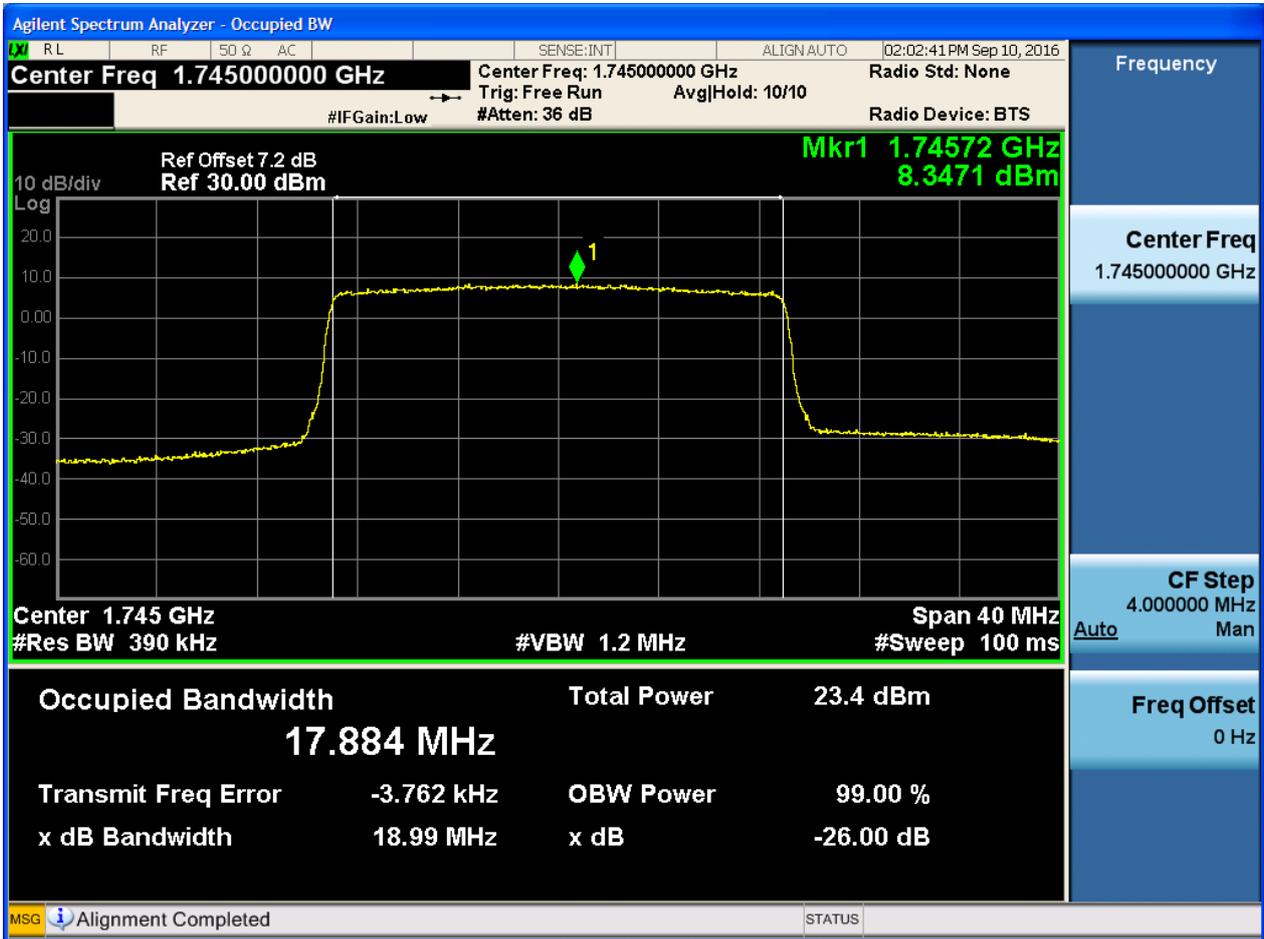
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



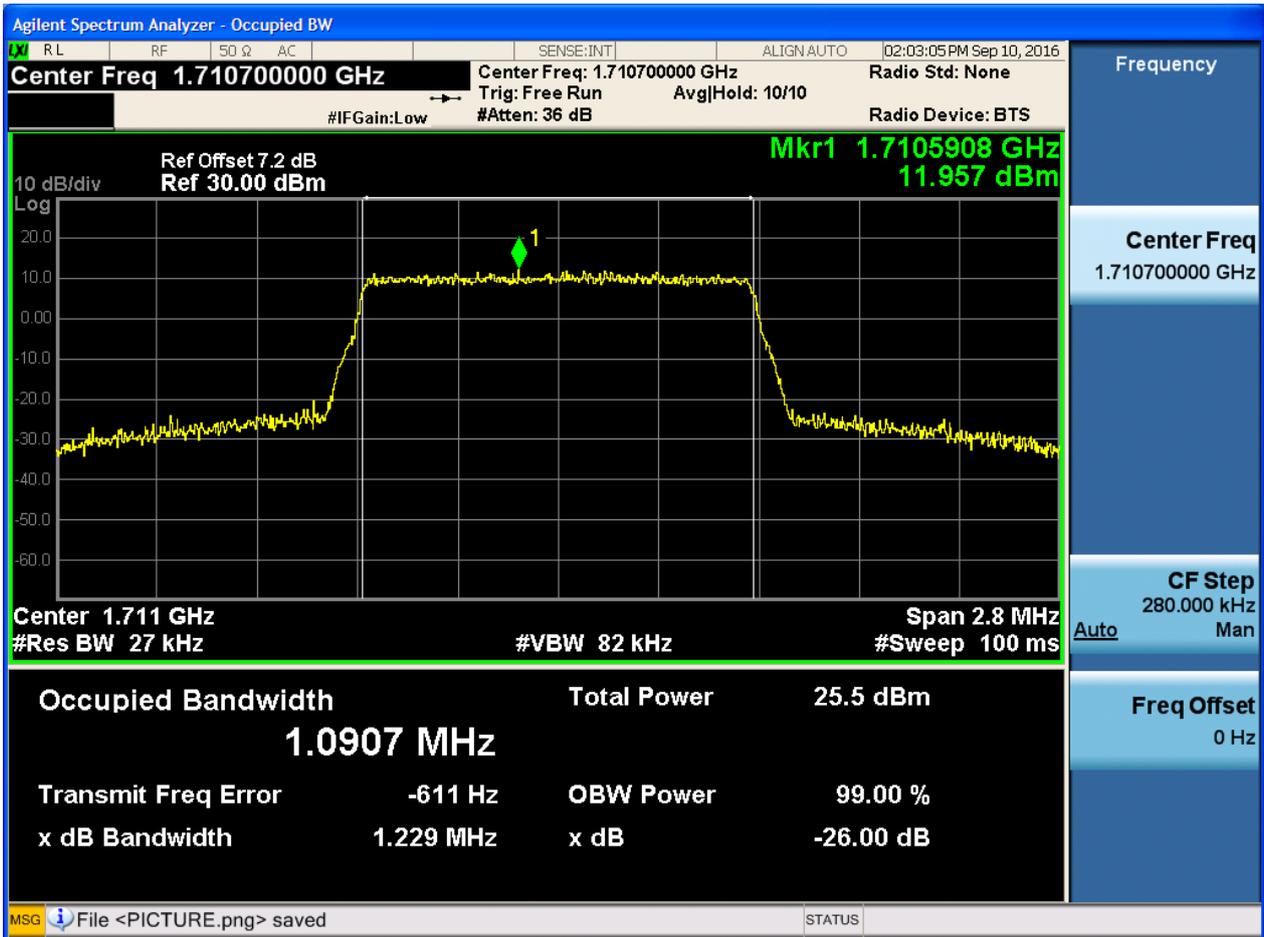


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

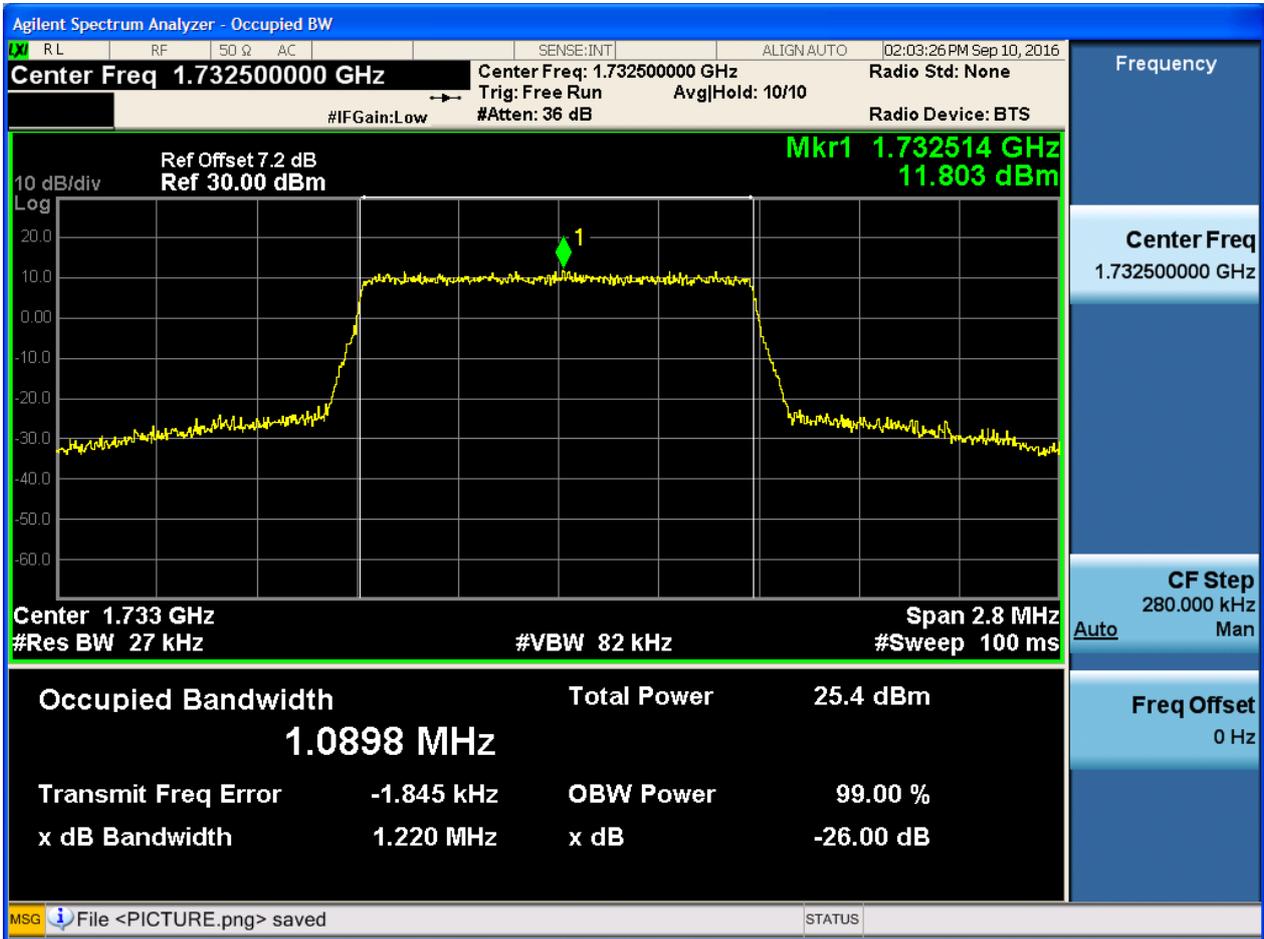
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

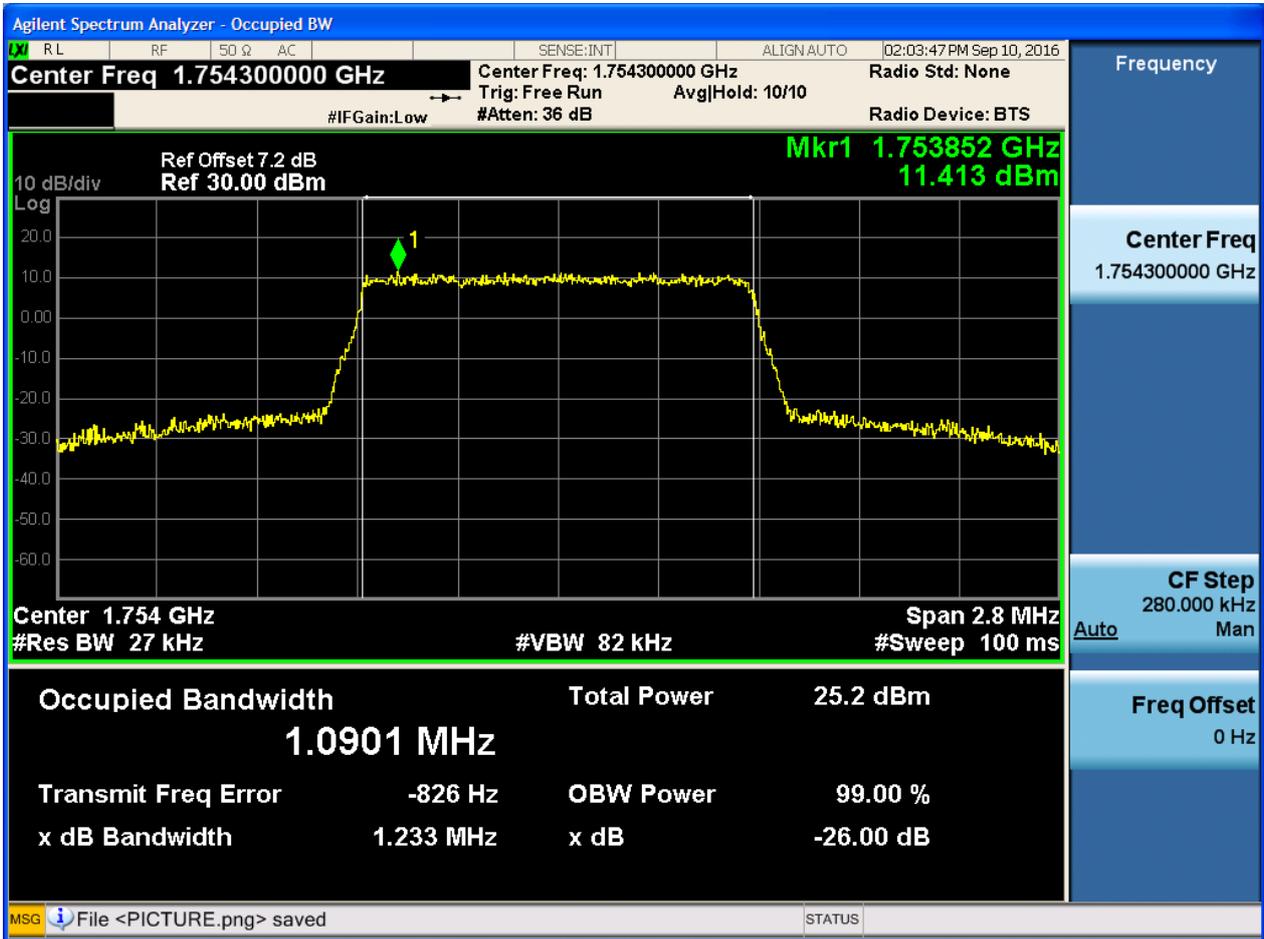
4.1.1.2.1.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

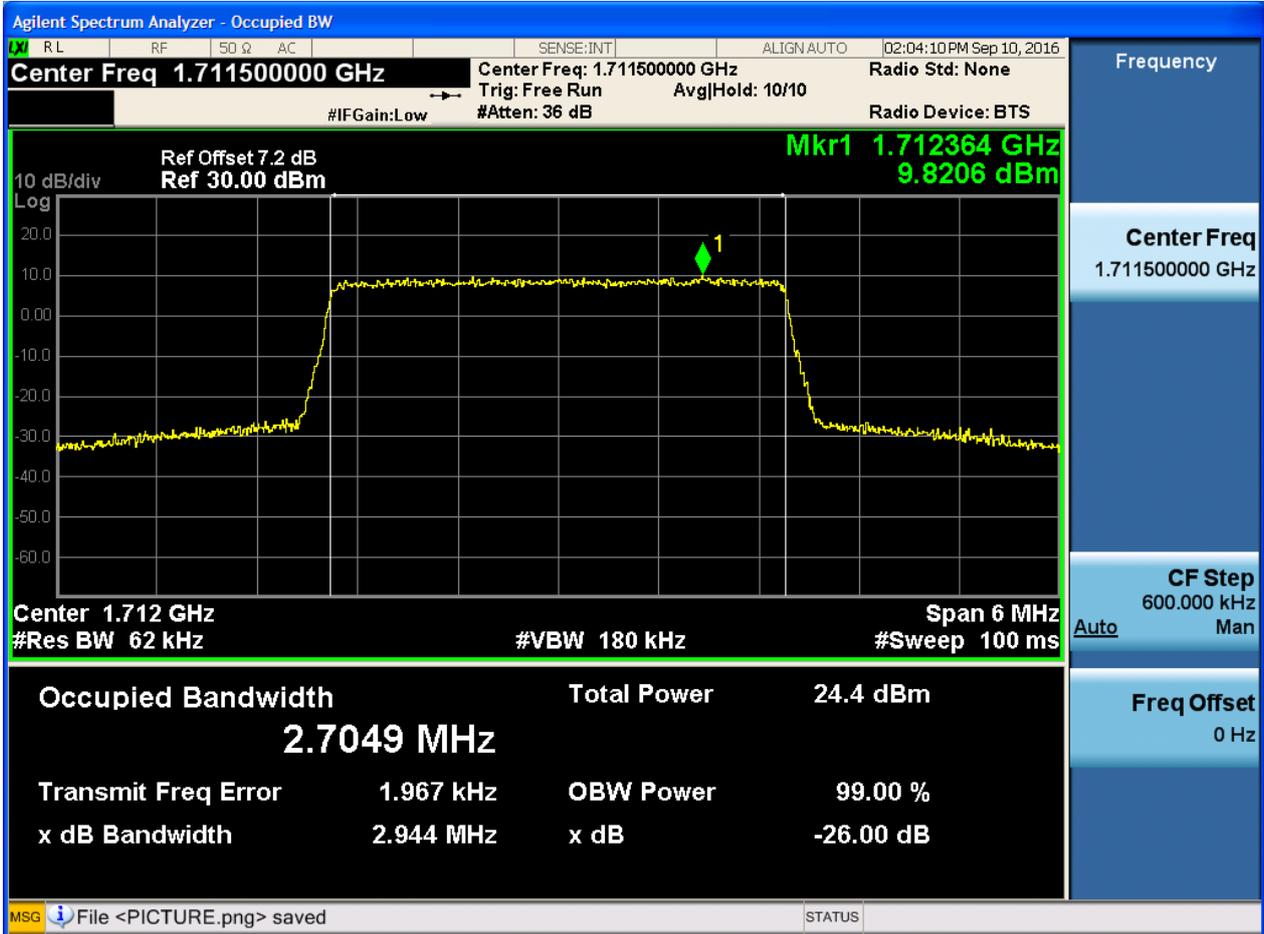




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

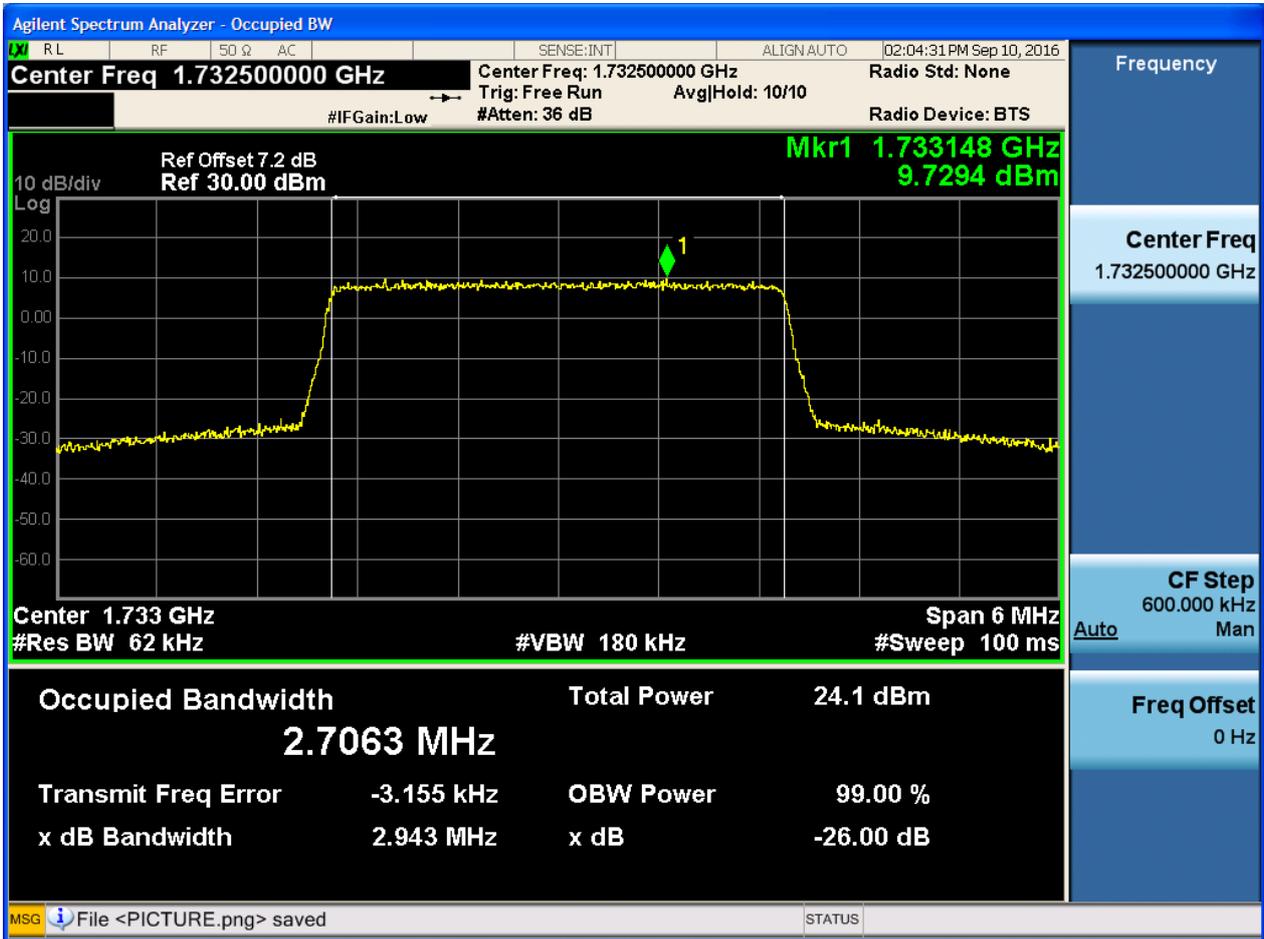
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

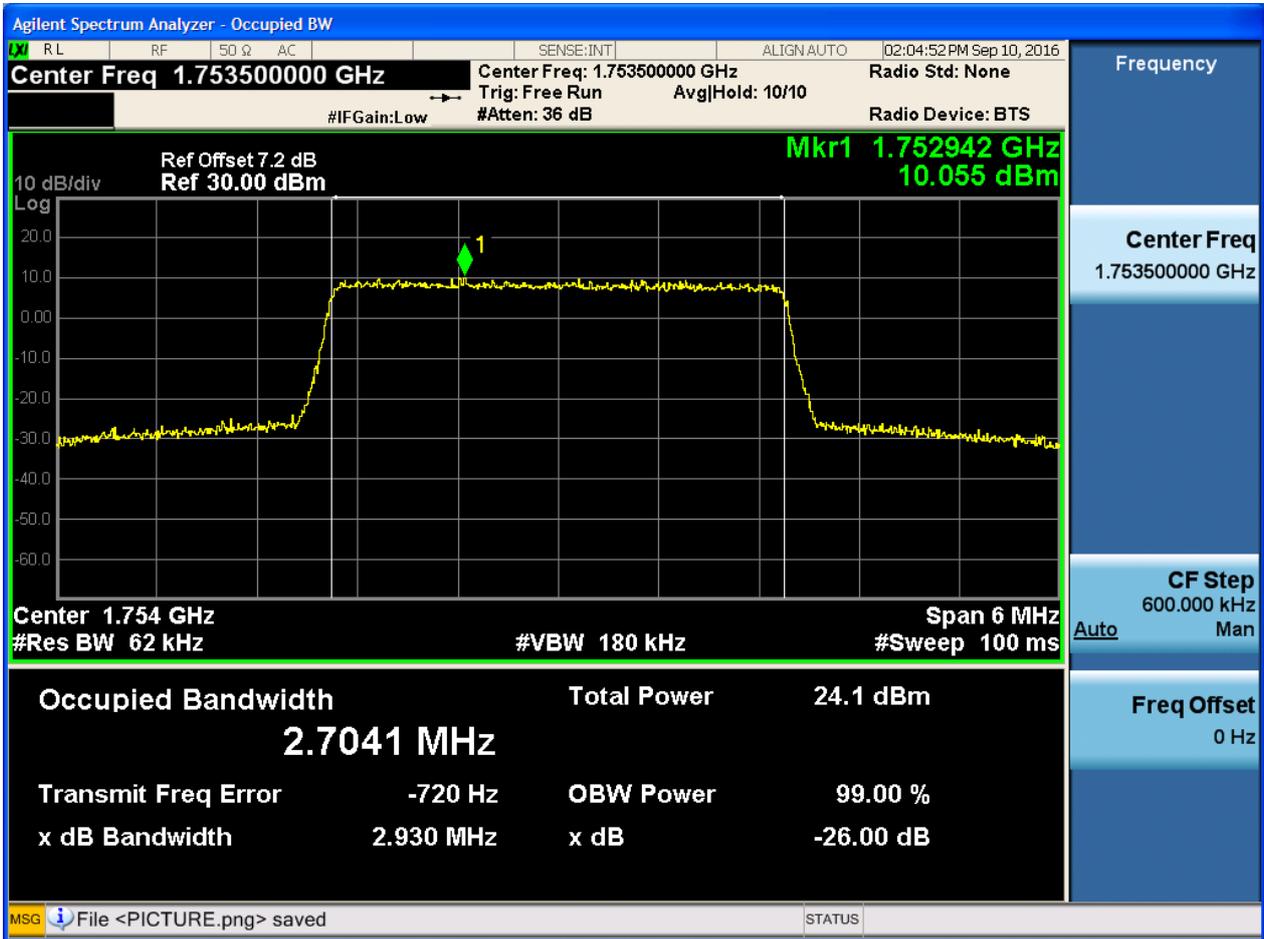
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

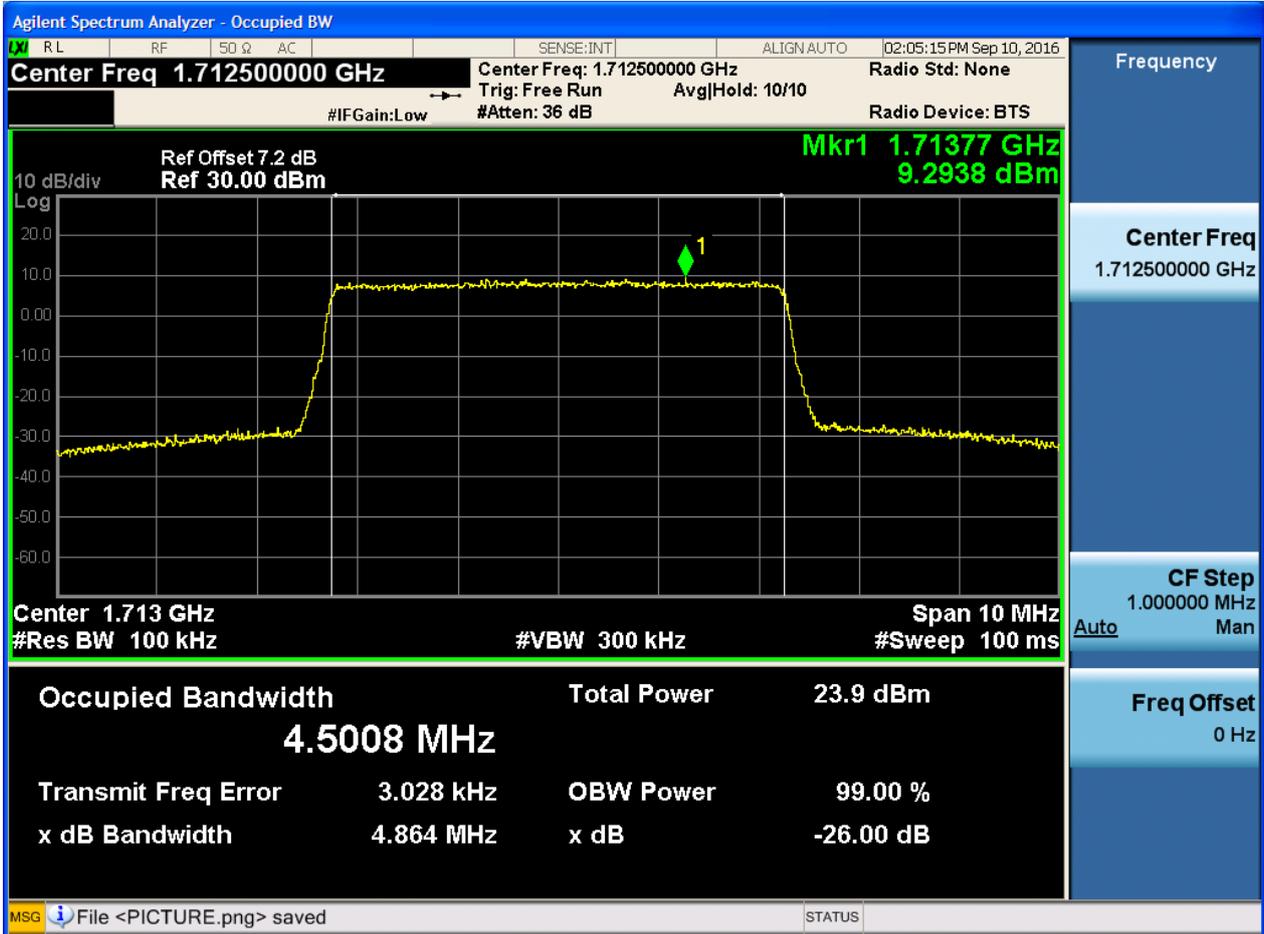




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

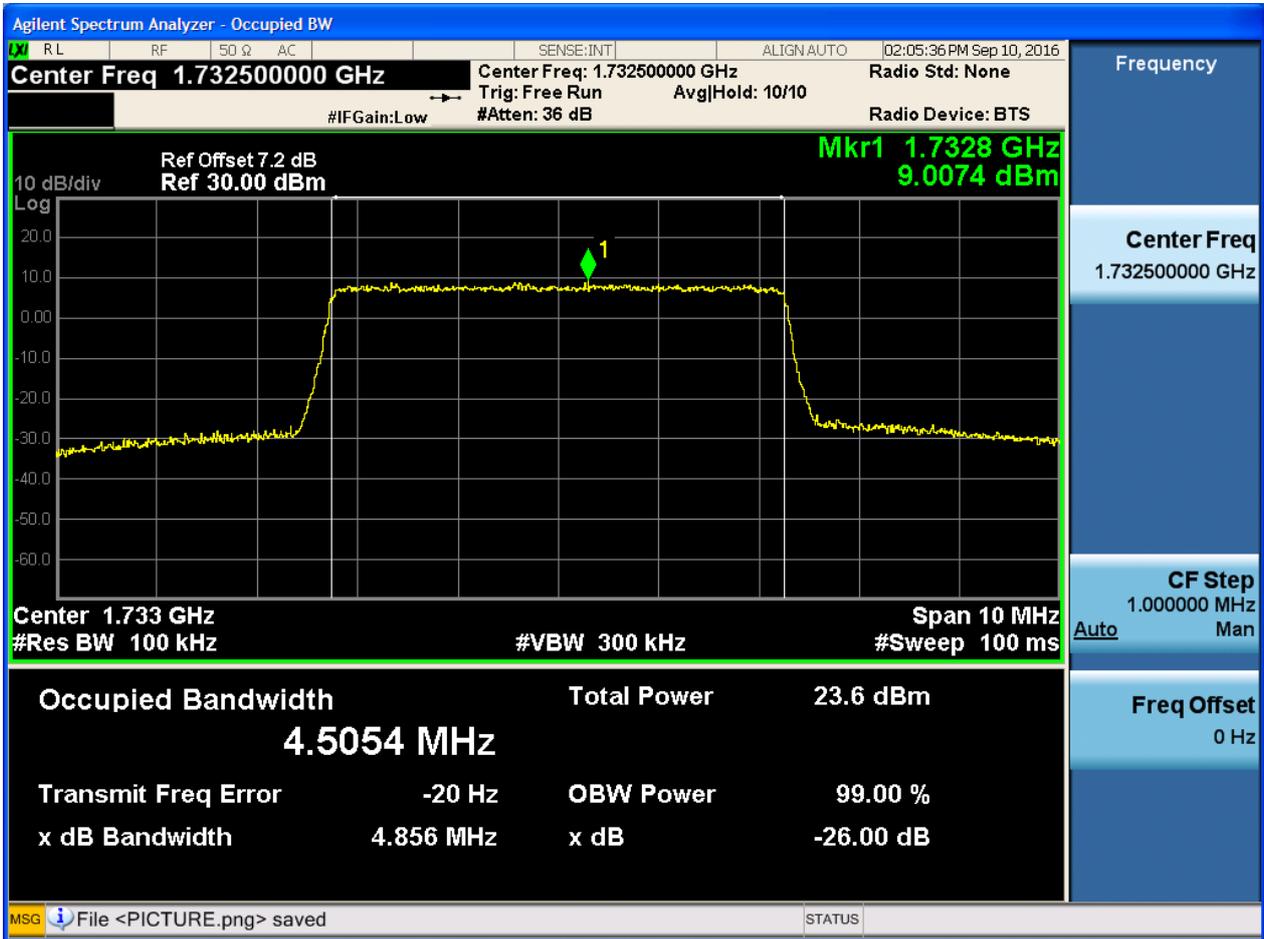
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

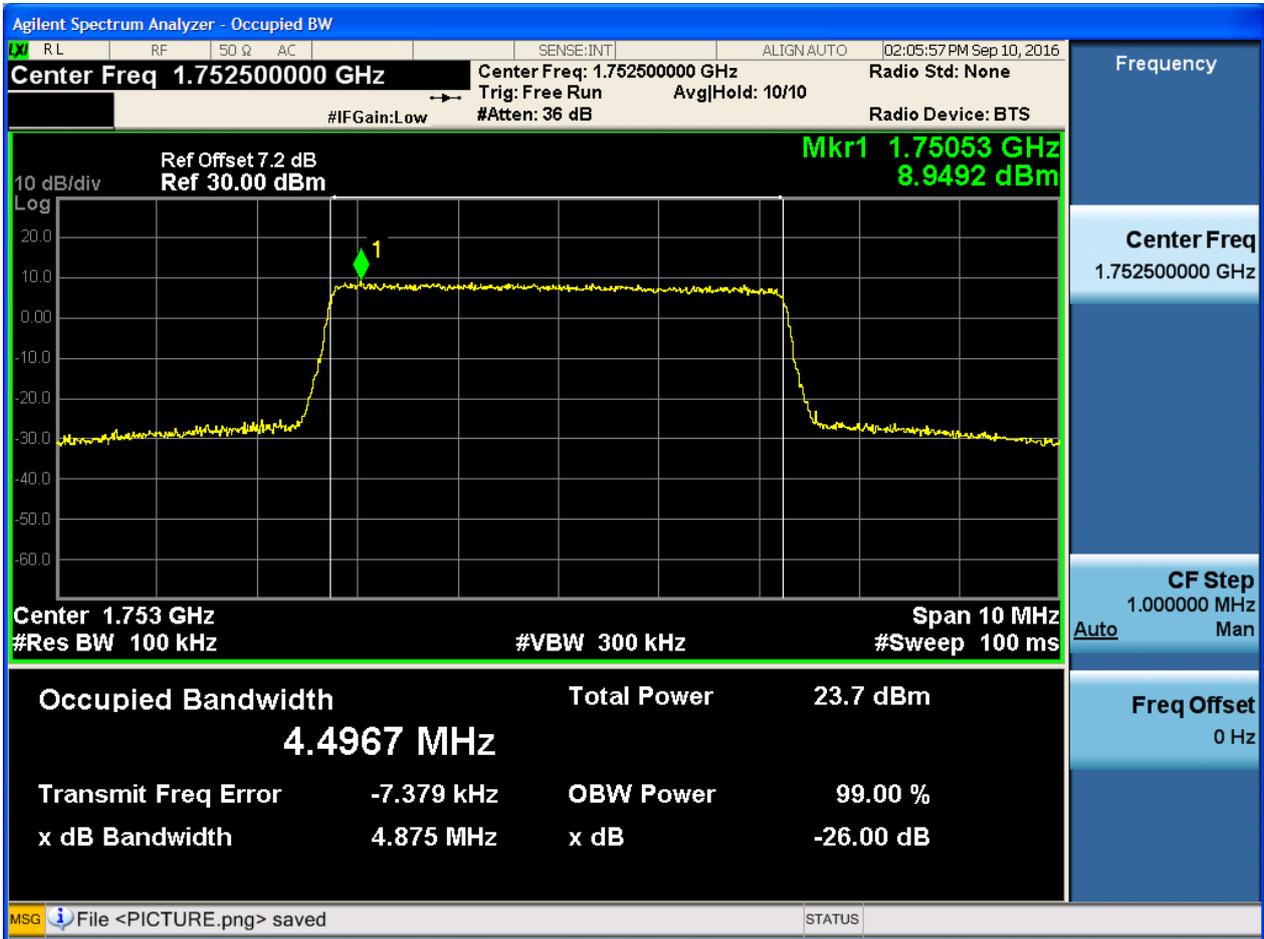
4.1.1.2.3.2.1 Test RB = RB25#0





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

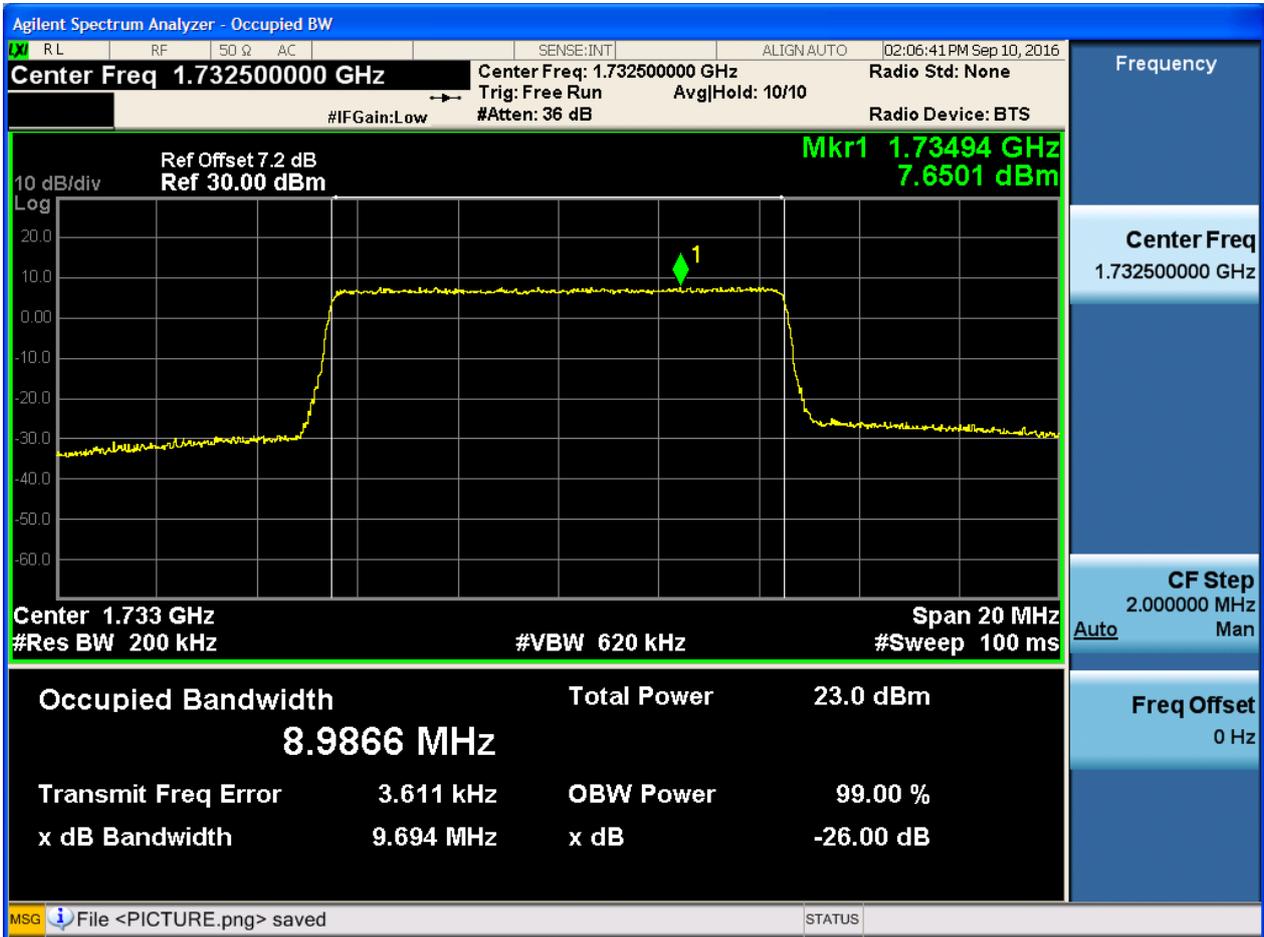
4.1.1.2.4.1.1 Test RB = RB50#0





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

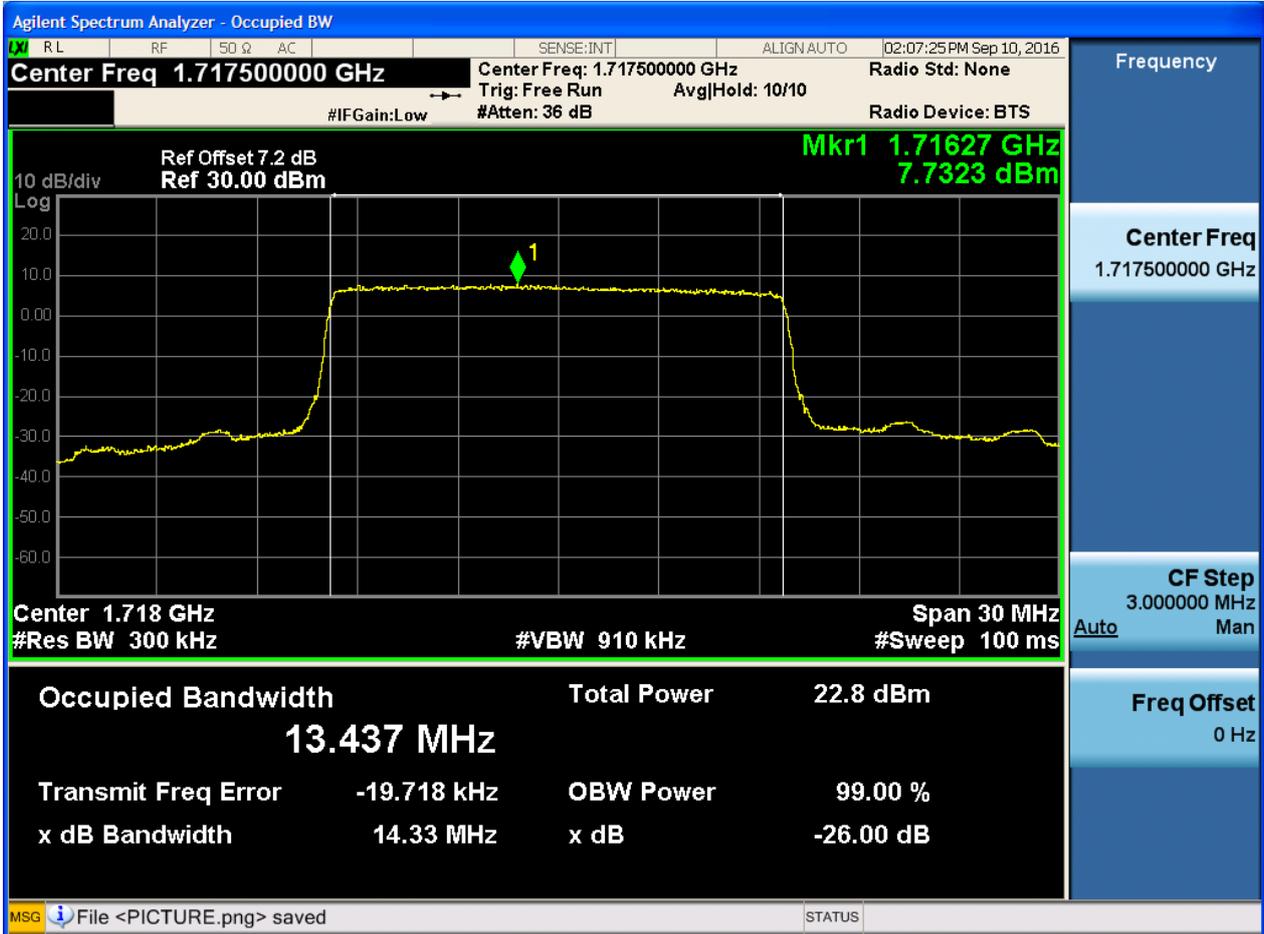




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

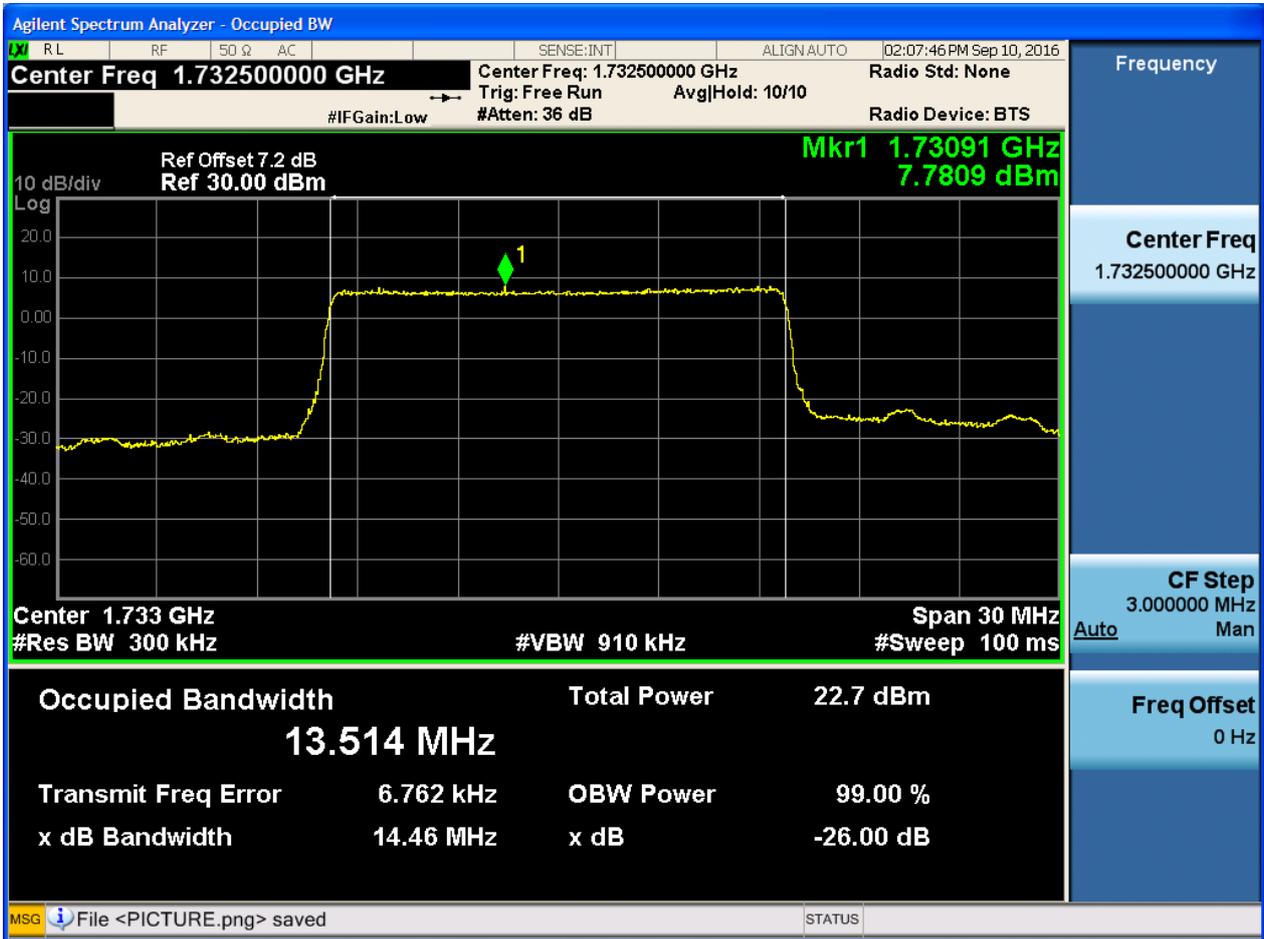
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

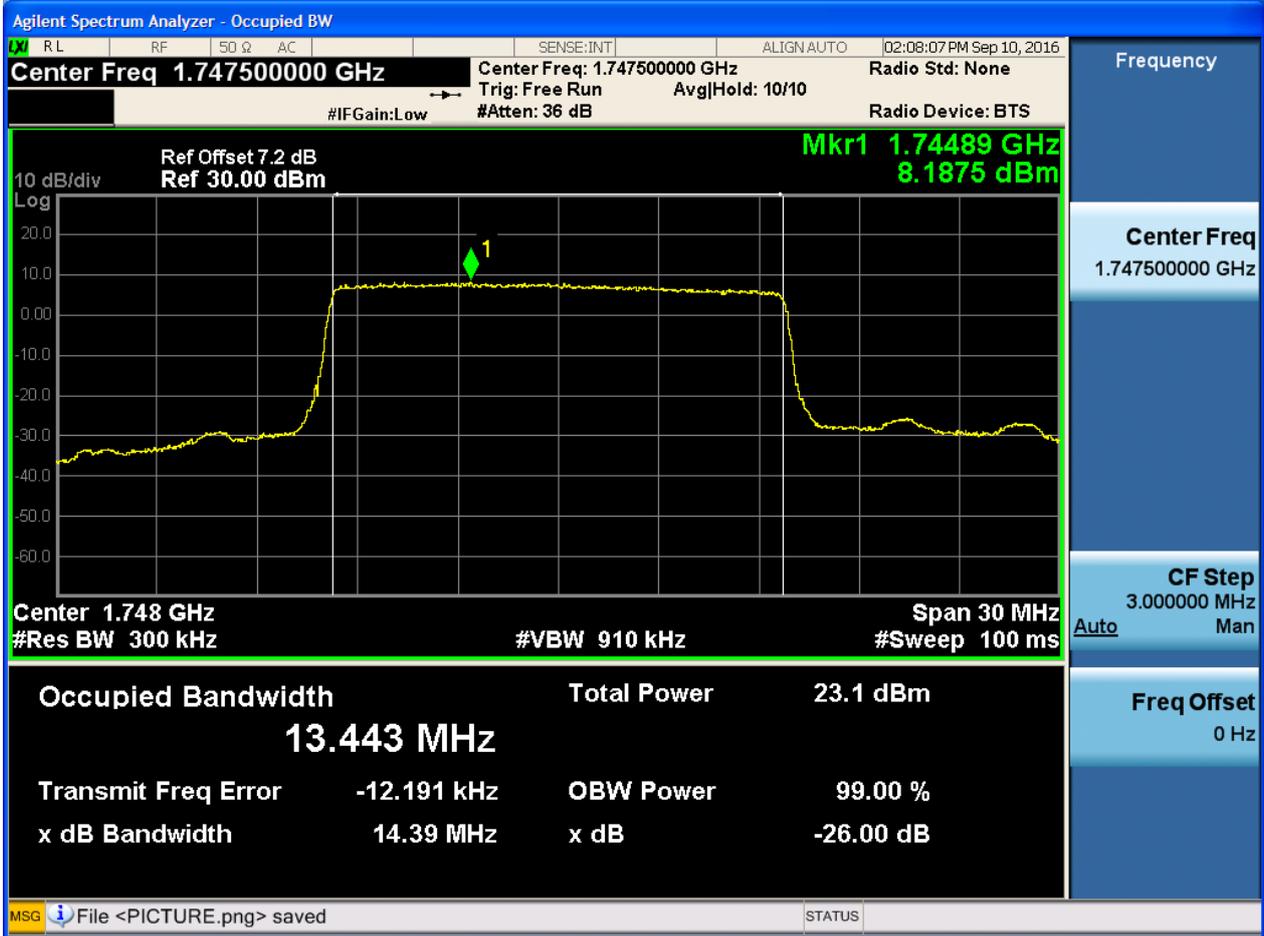
4.1.1.2.5.2.1 Test RB = RB75#0





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

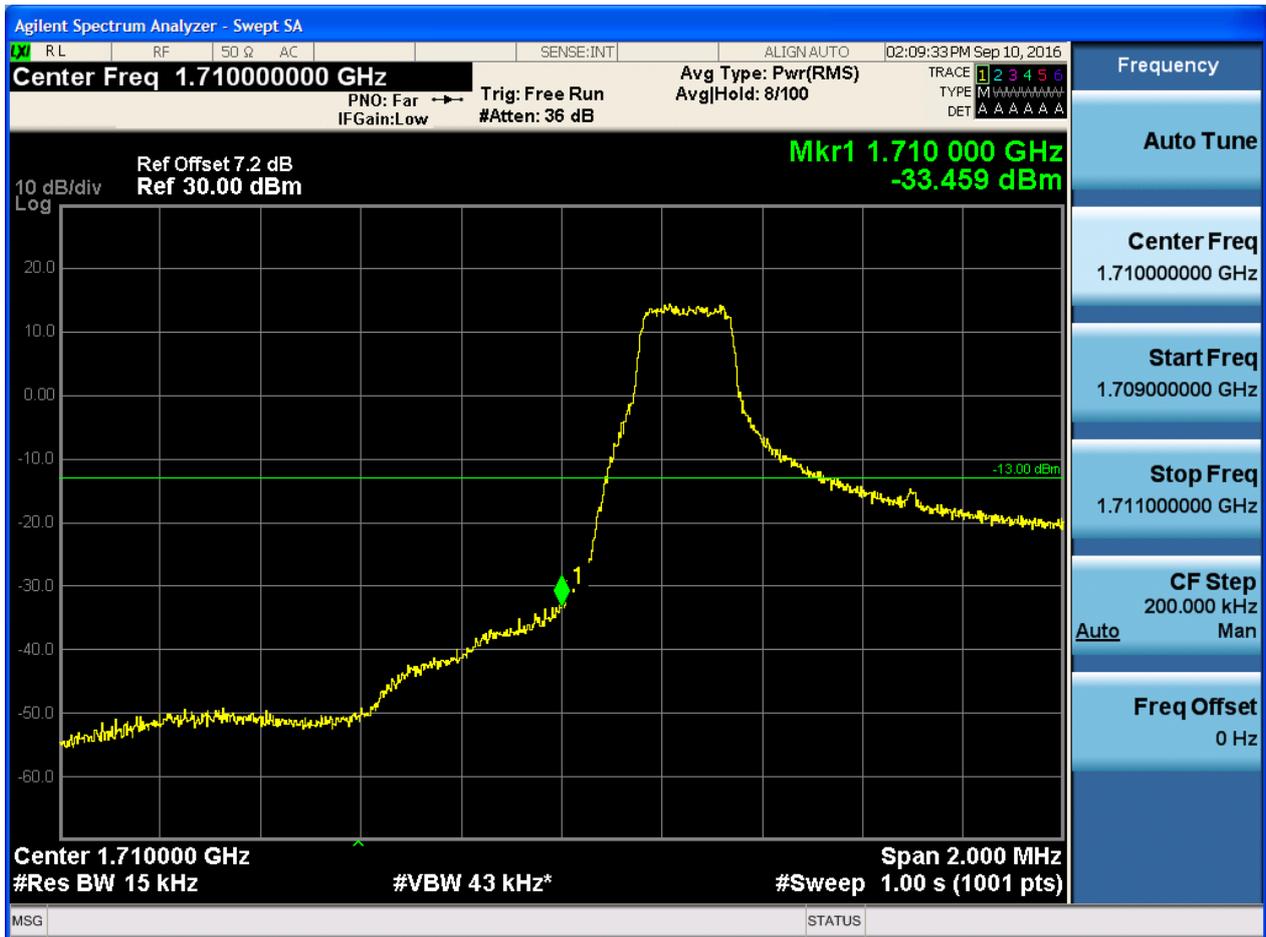
5.1.1 Test Band = BAND4

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



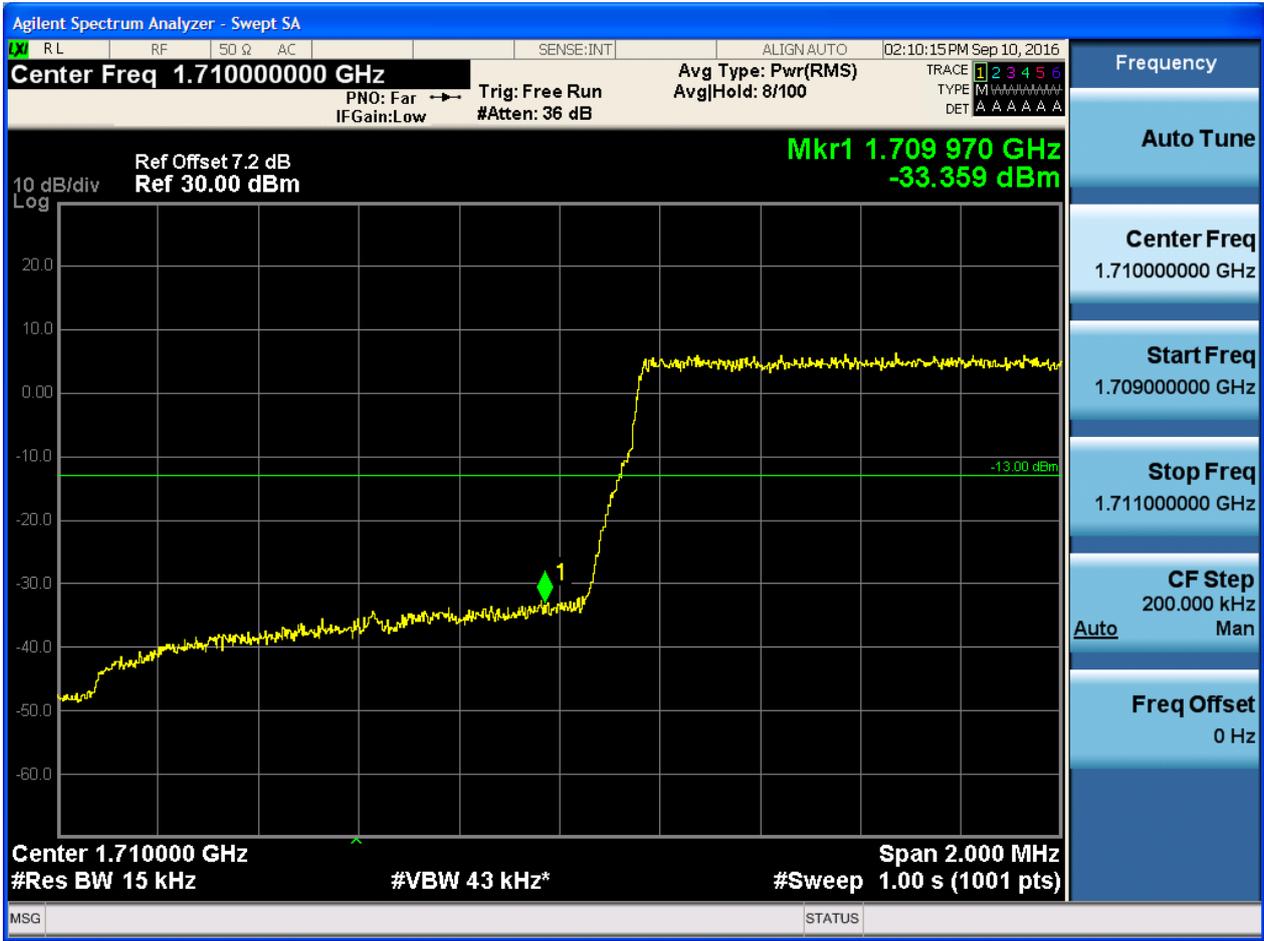


5.1.1.1.1.3 Test RB = RB3#2





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





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

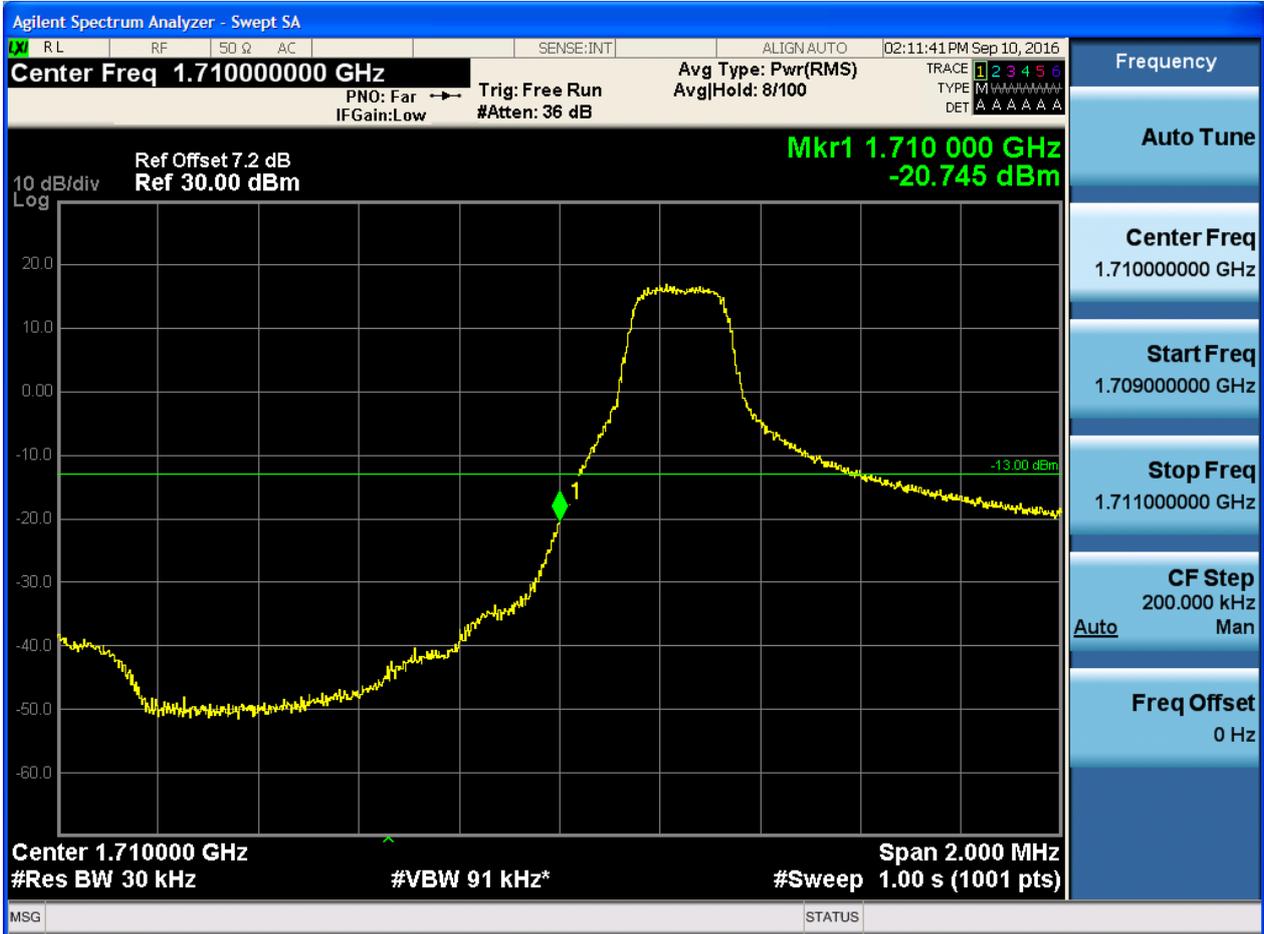




5.1.1.1.2 Test Bandwidth = 3

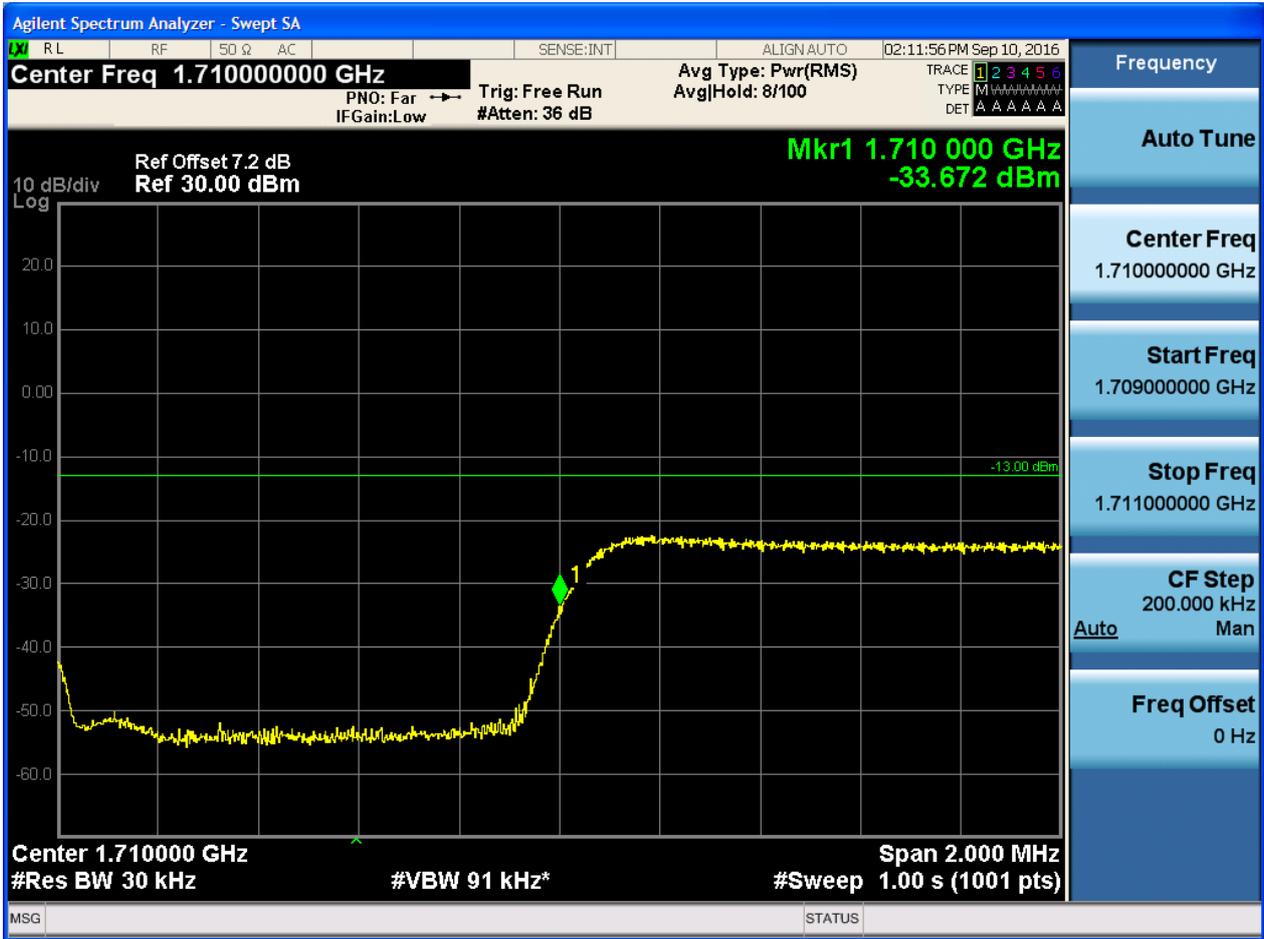
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



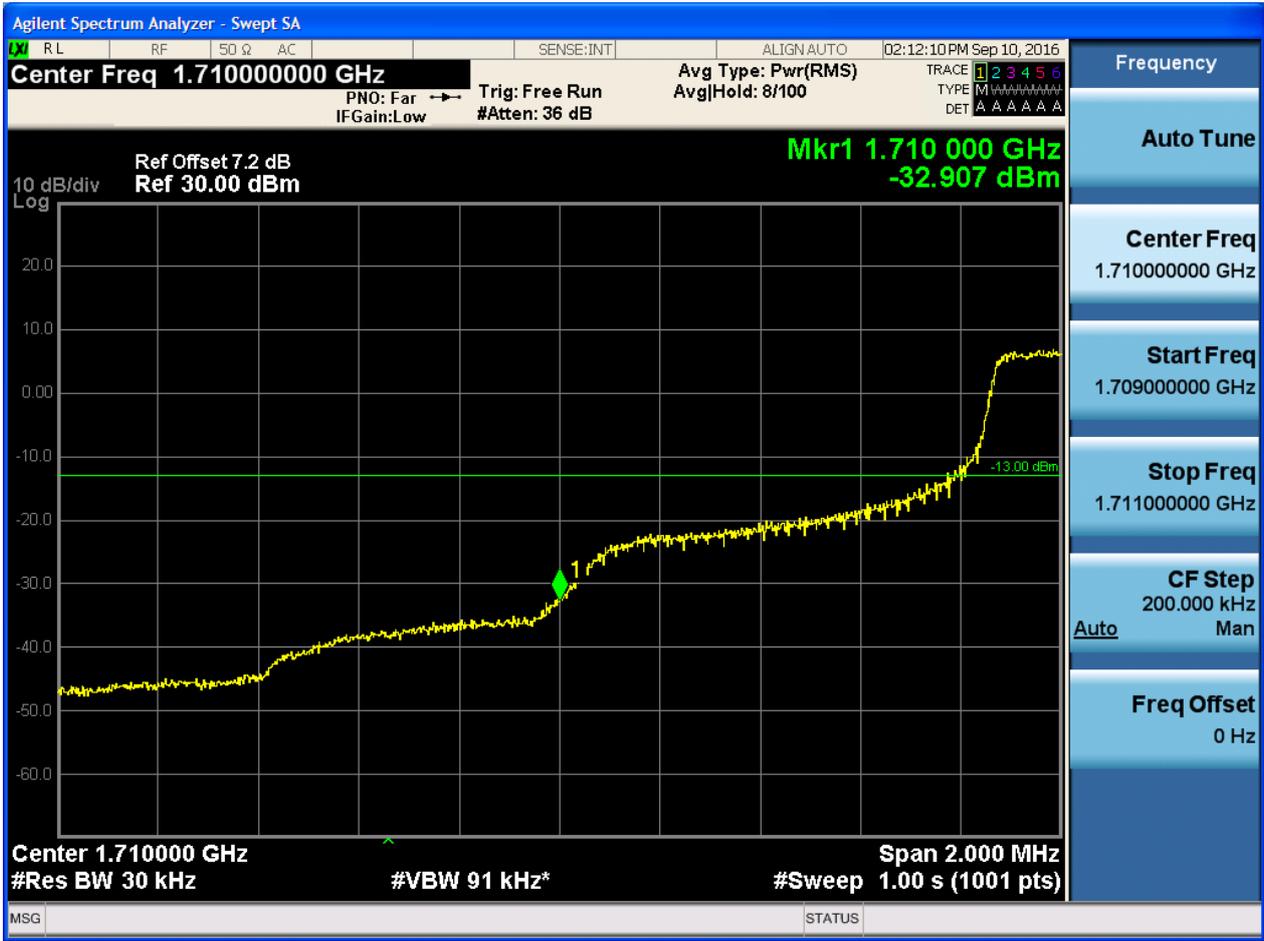


5.1.1.1.2.1.2 Test RB = RB1#14



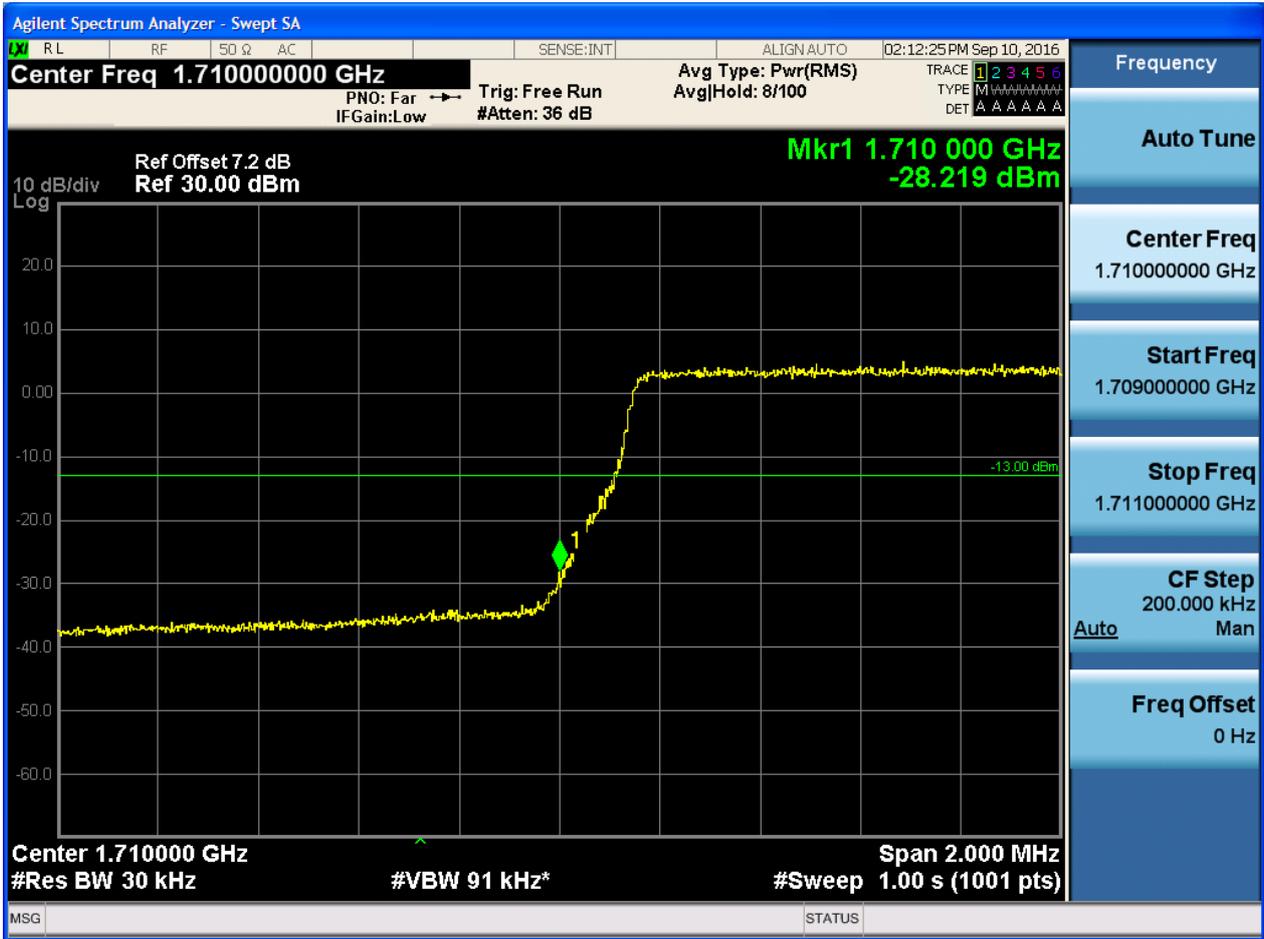


5.1.1.1.2.1.3 Test RB = RB8#4





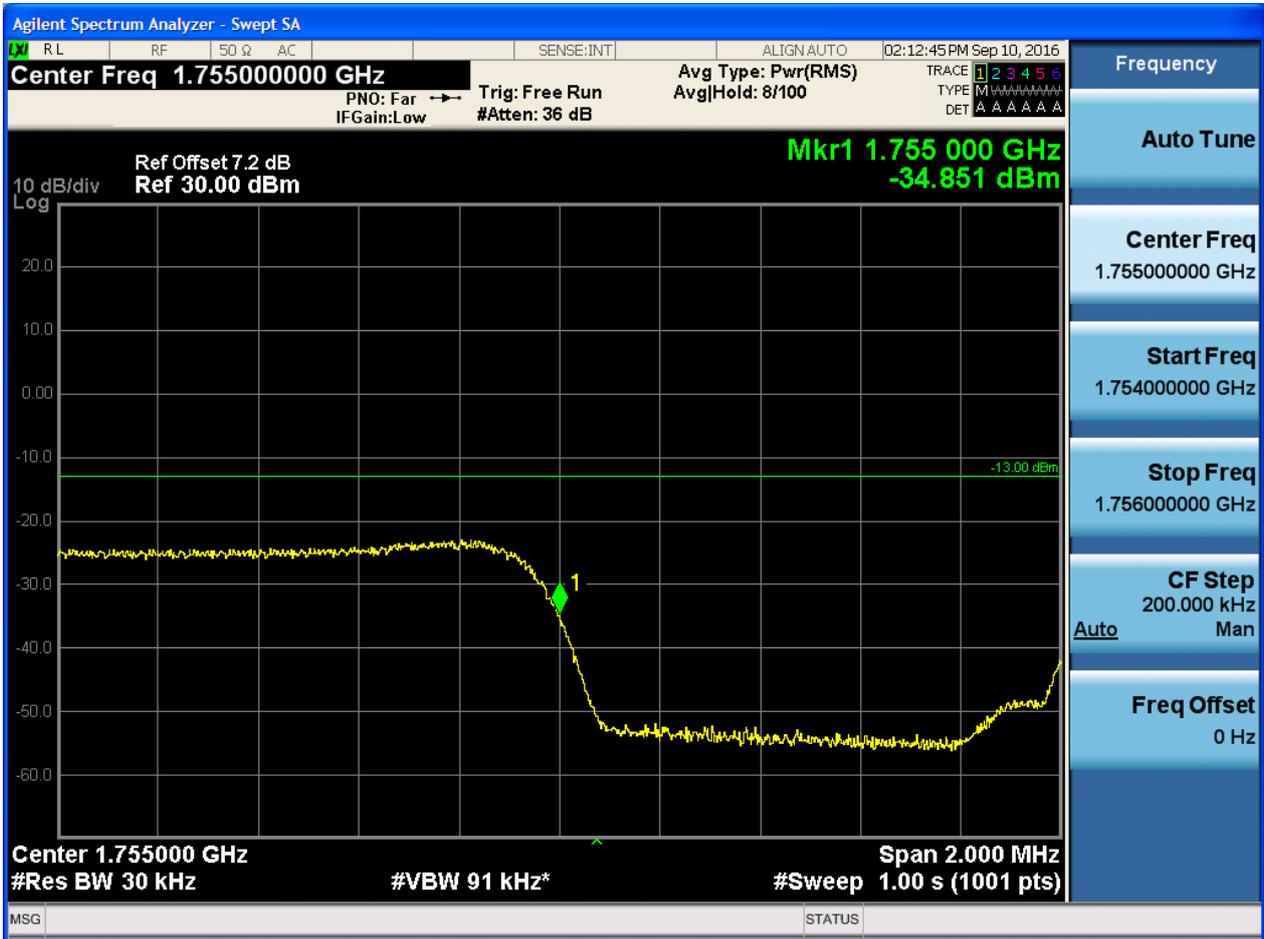
5.1.1.1.2.1.4 Test RB = RB15#0





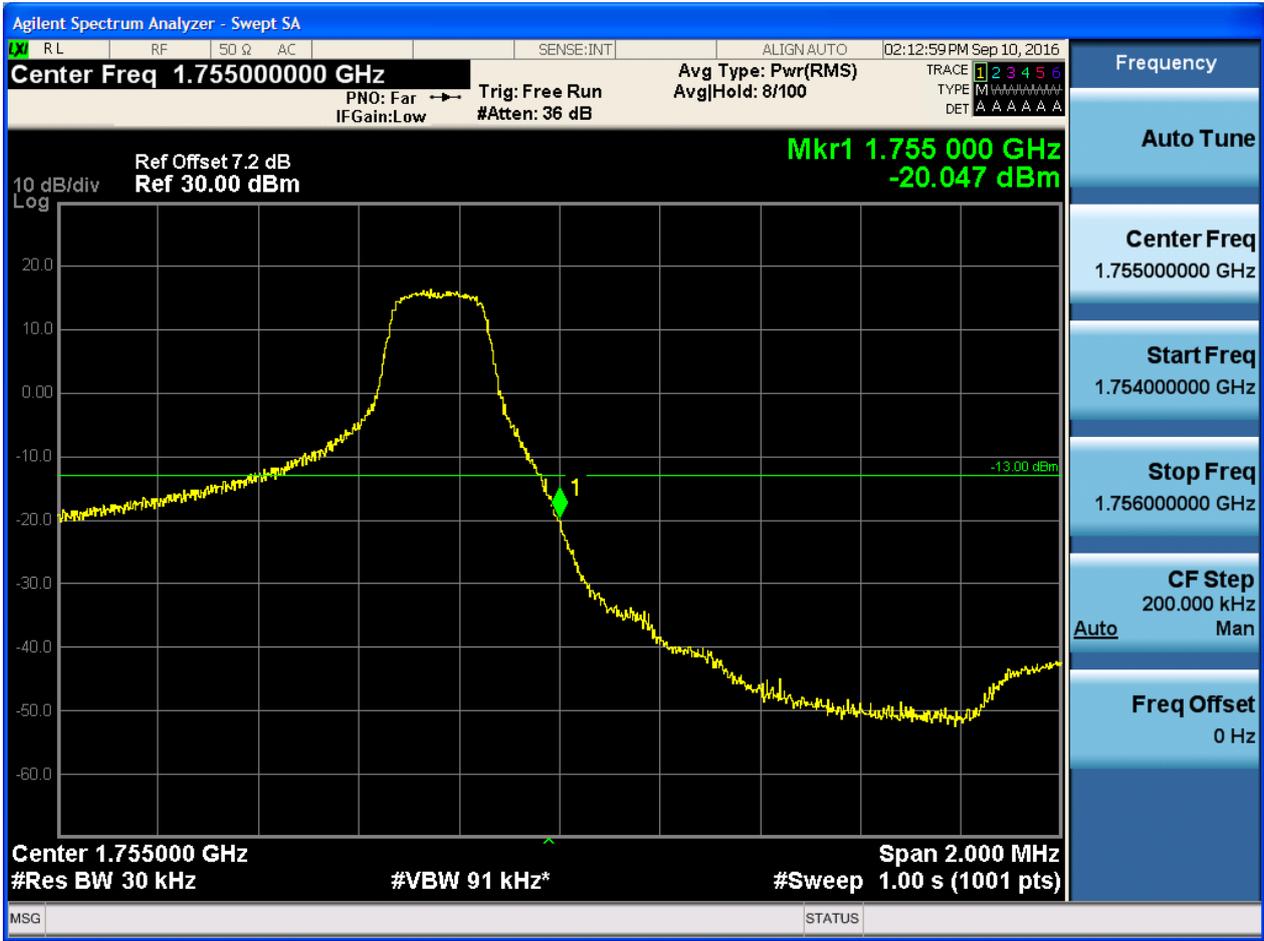
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.4 Test RB = RB15#0

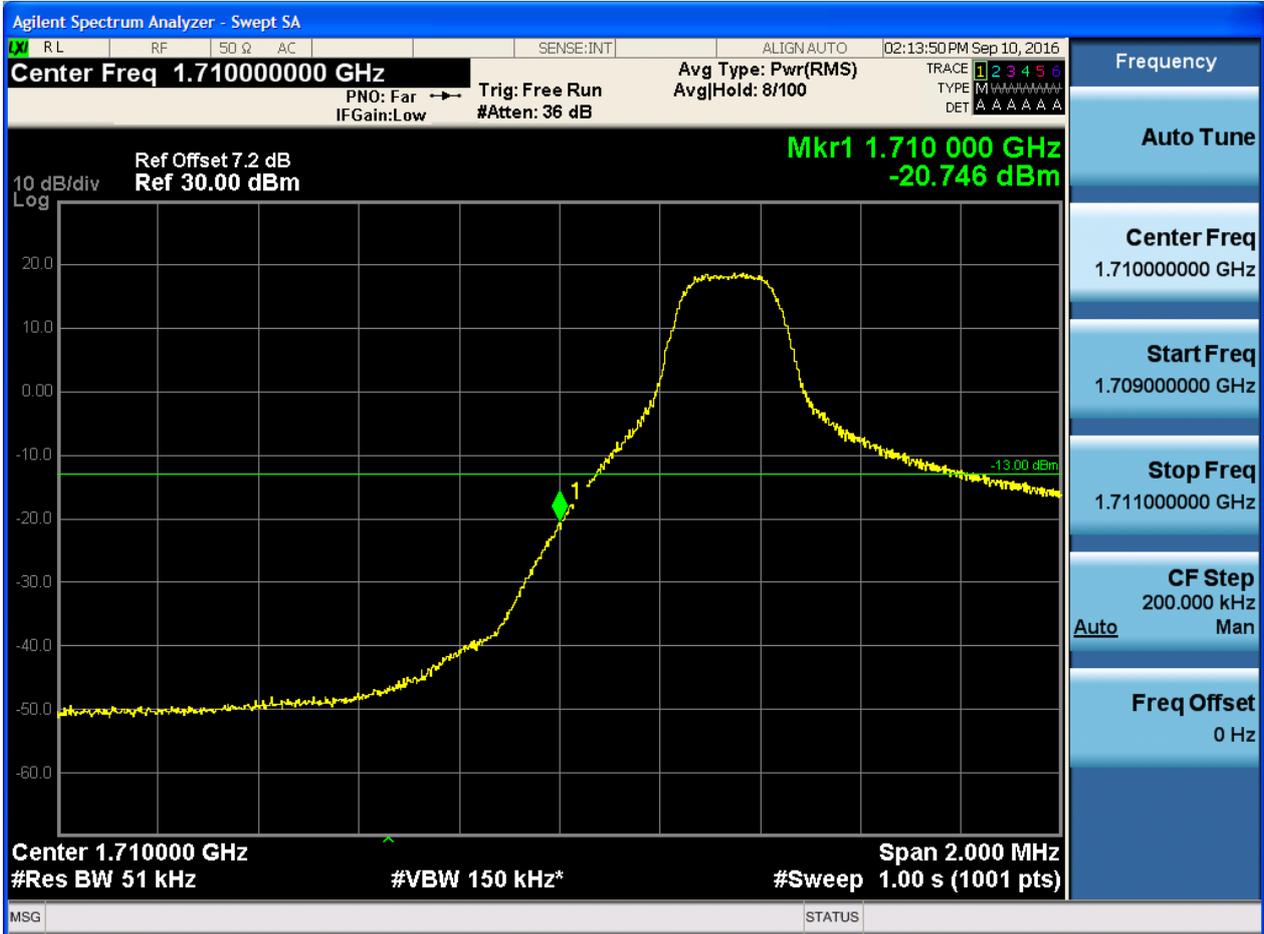




5.1.1.1.3 Test Bandwidth = 5

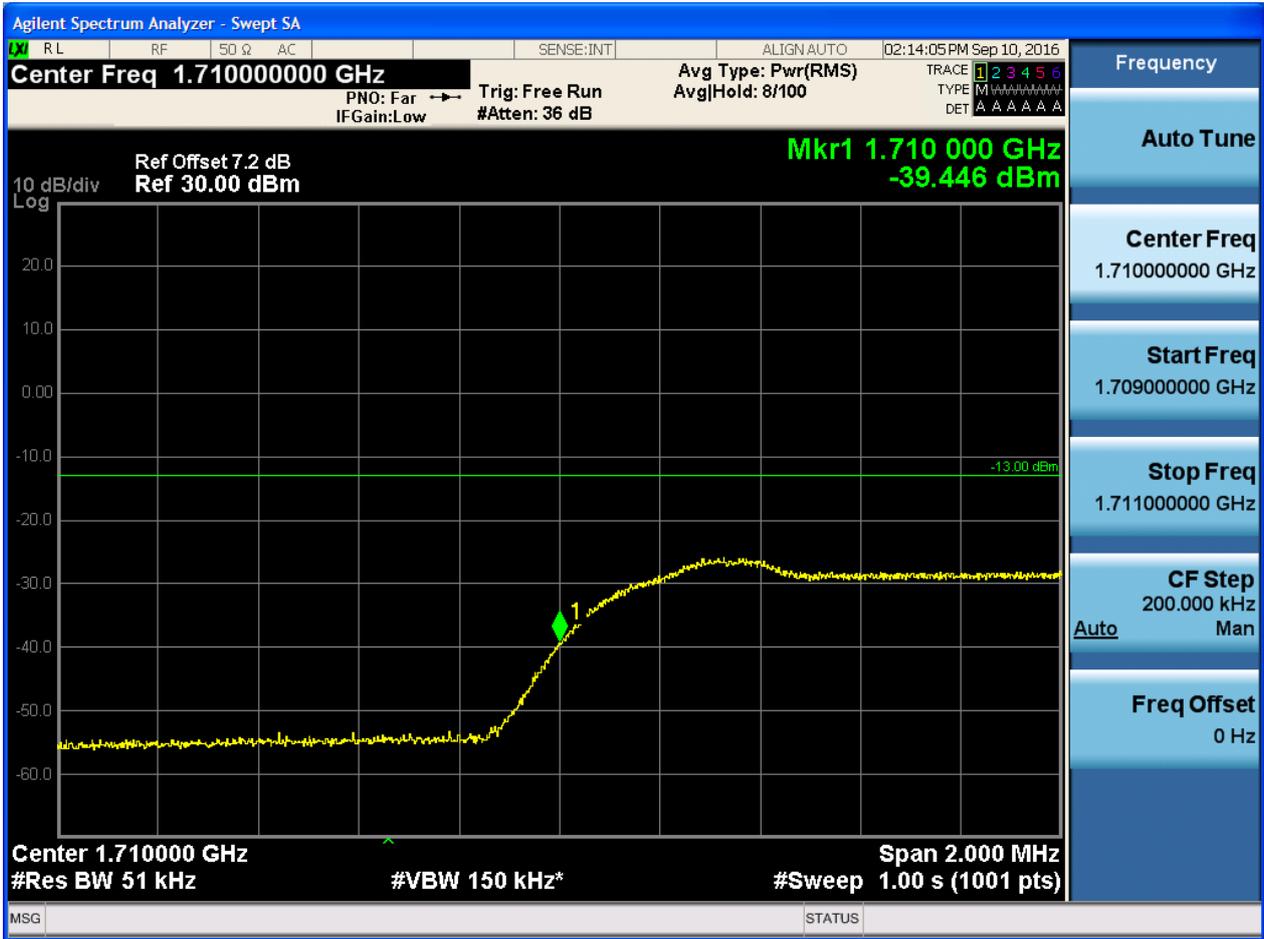
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



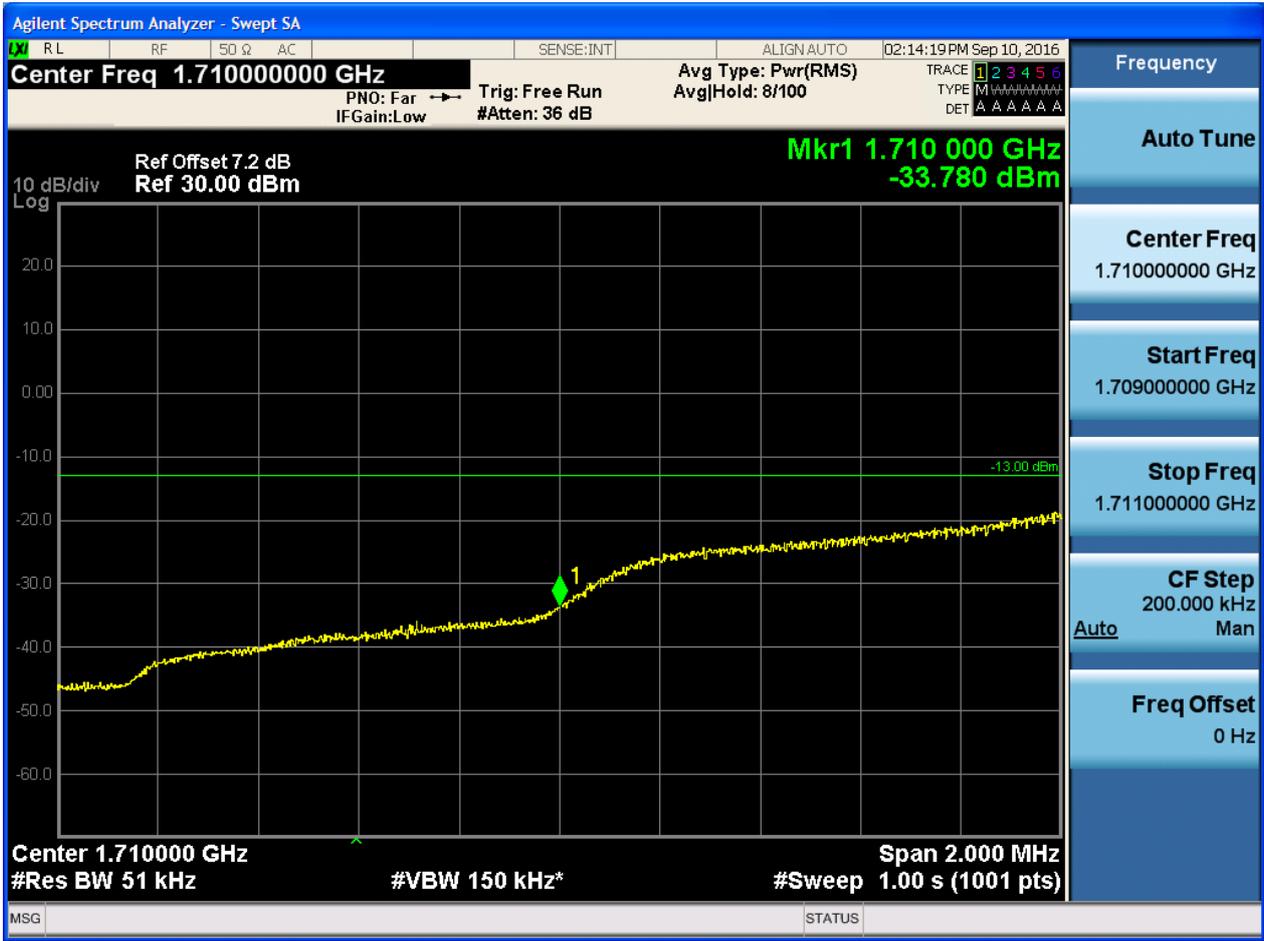


5.1.1.1.3.1.2 Test RB = RB1#24



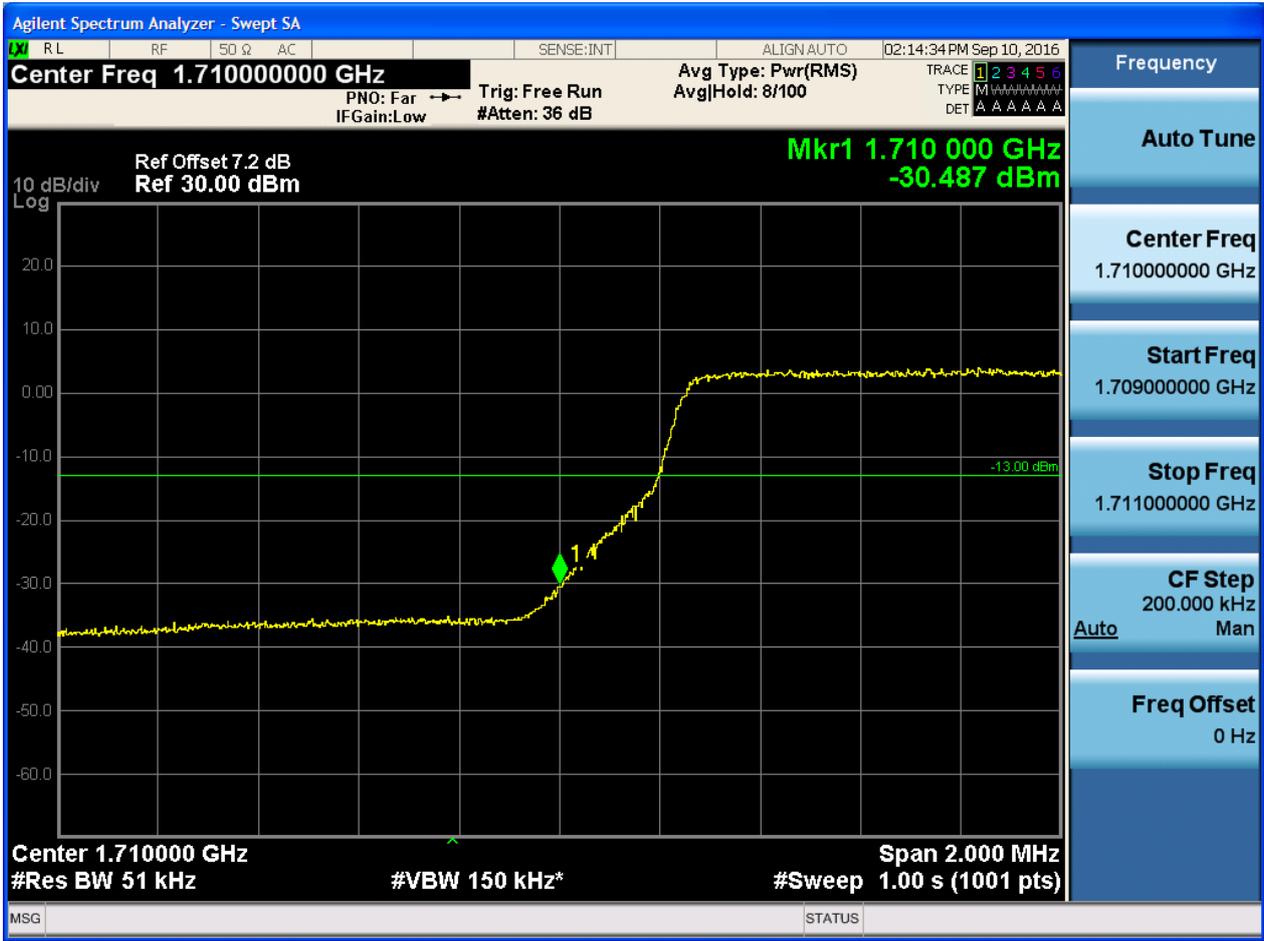


5.1.1.1.3.1.3 Test RB = RB12#6





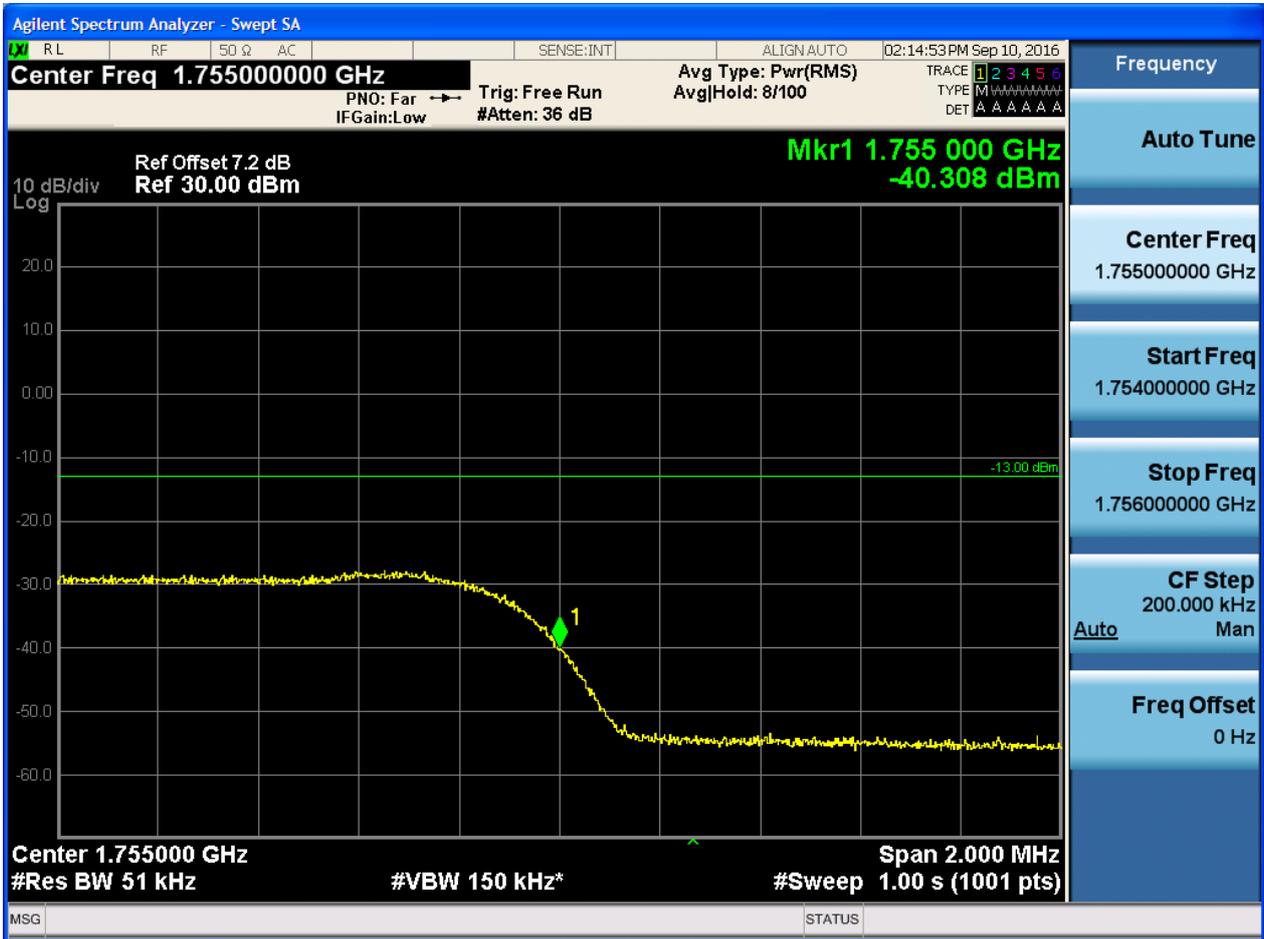
5.1.1.1.3.1.4 Test RB = RB25#0





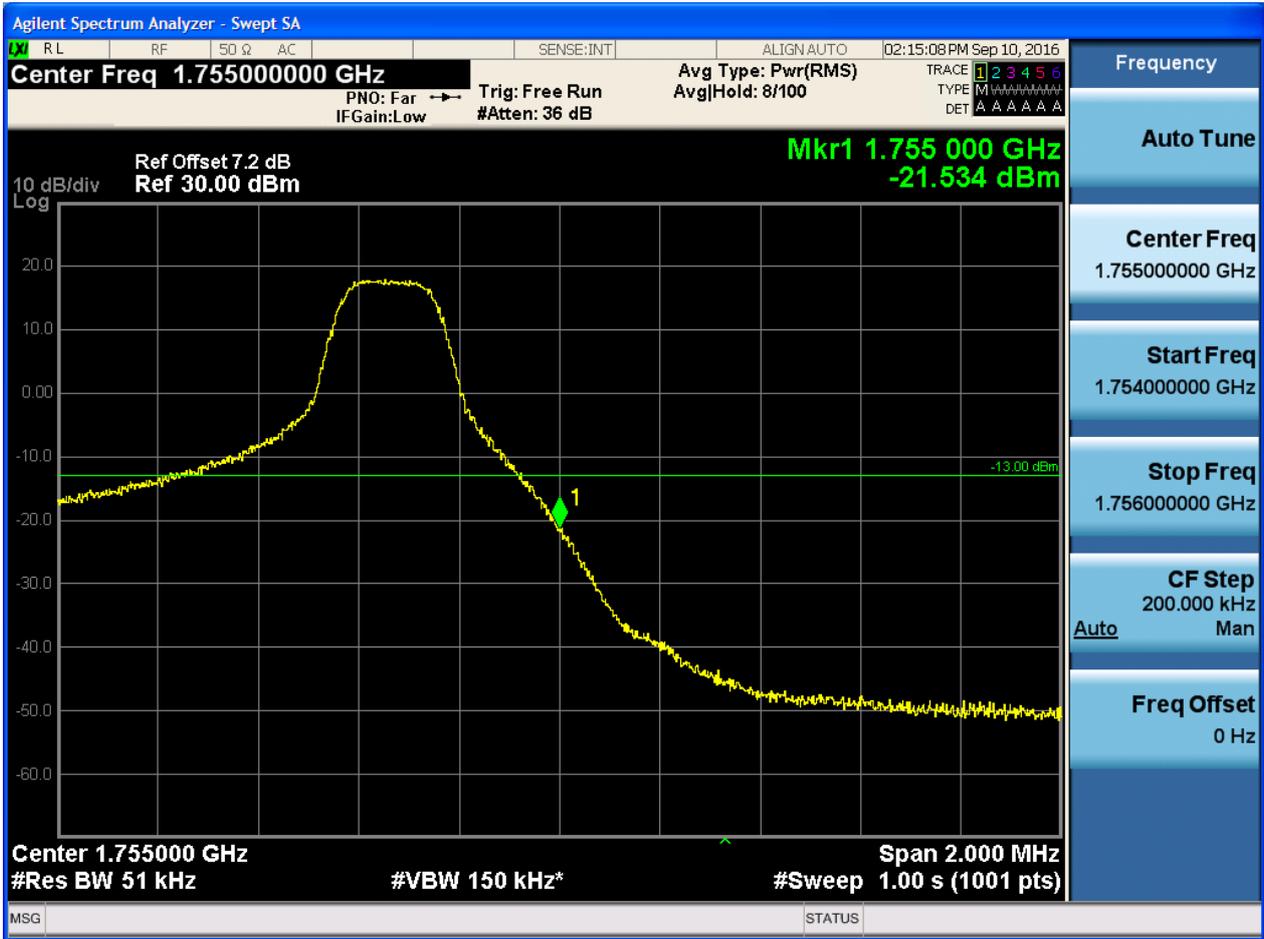
5.1.1.1.3.2 Test Channel = HCH

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

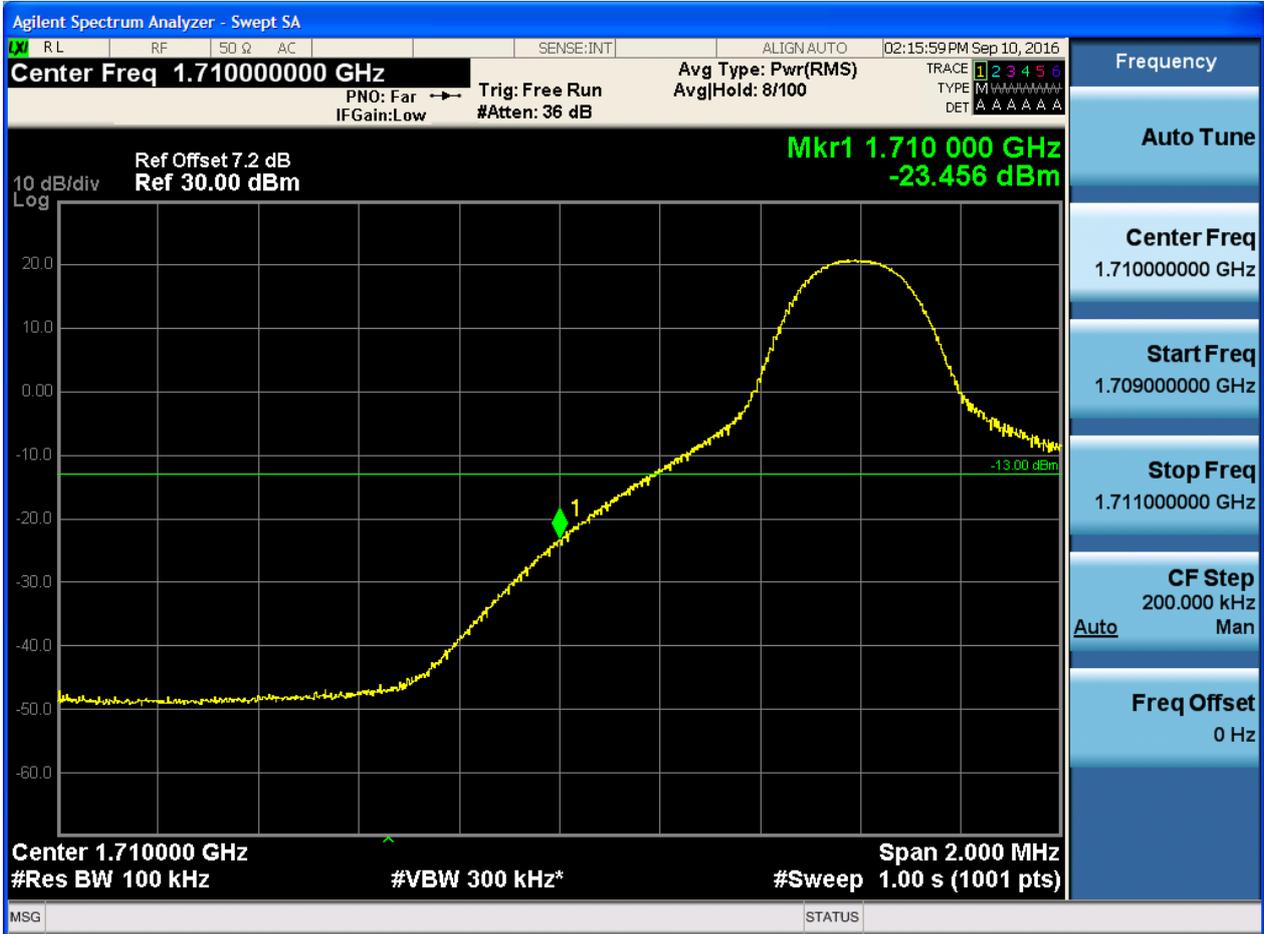




5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



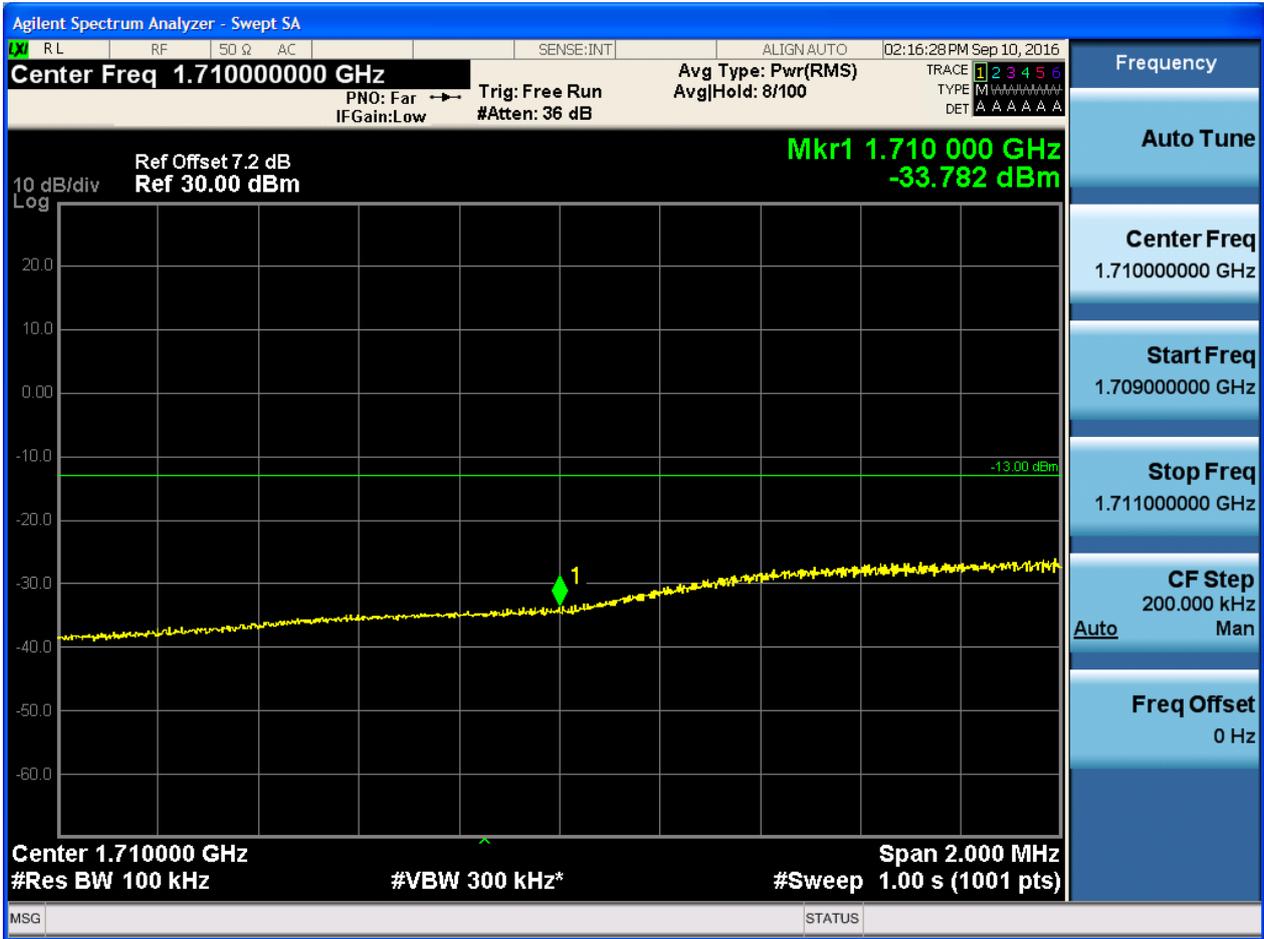


5.1.1.1.4.1.2 Test RB = RB1#49





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



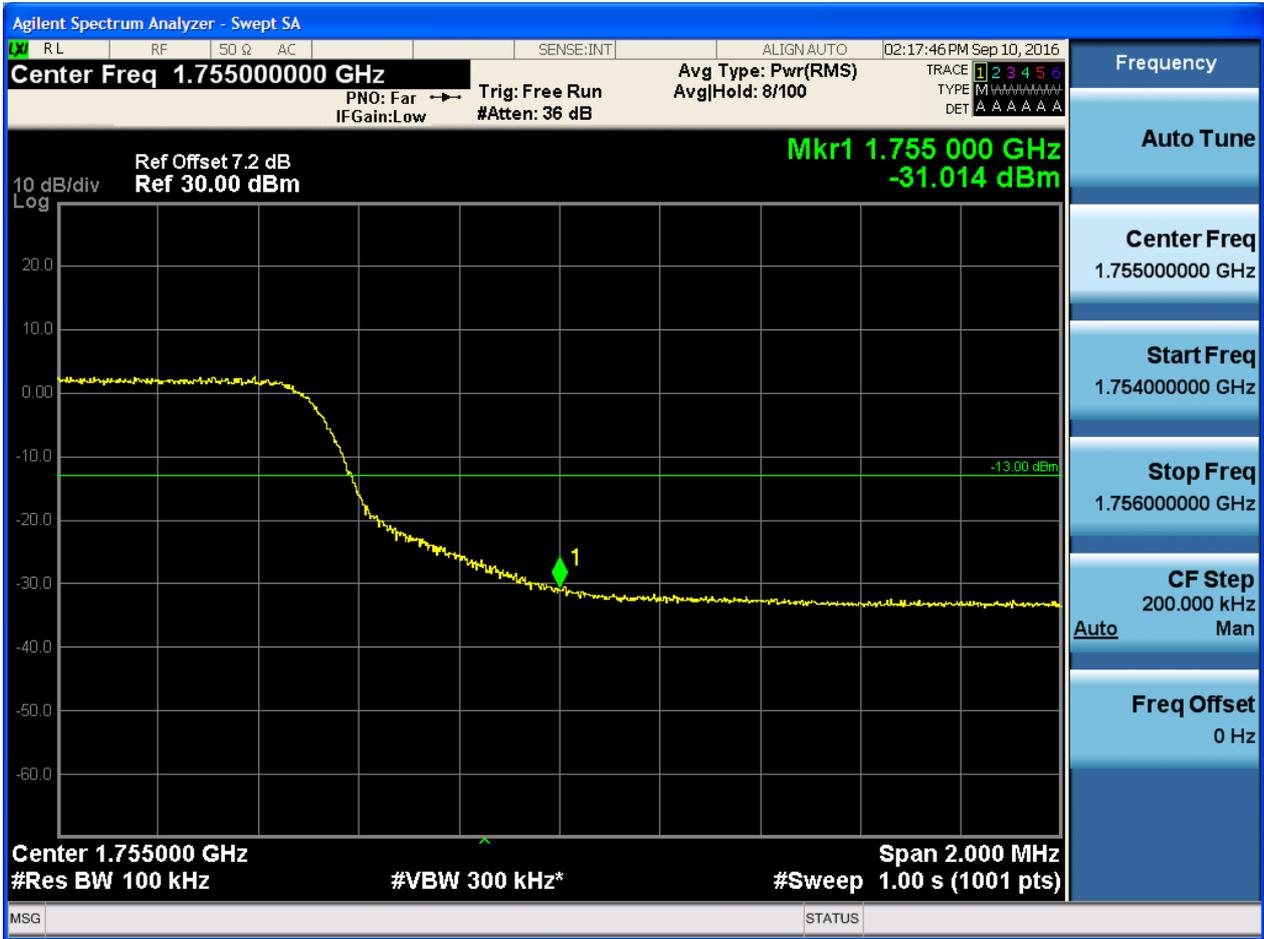


5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0



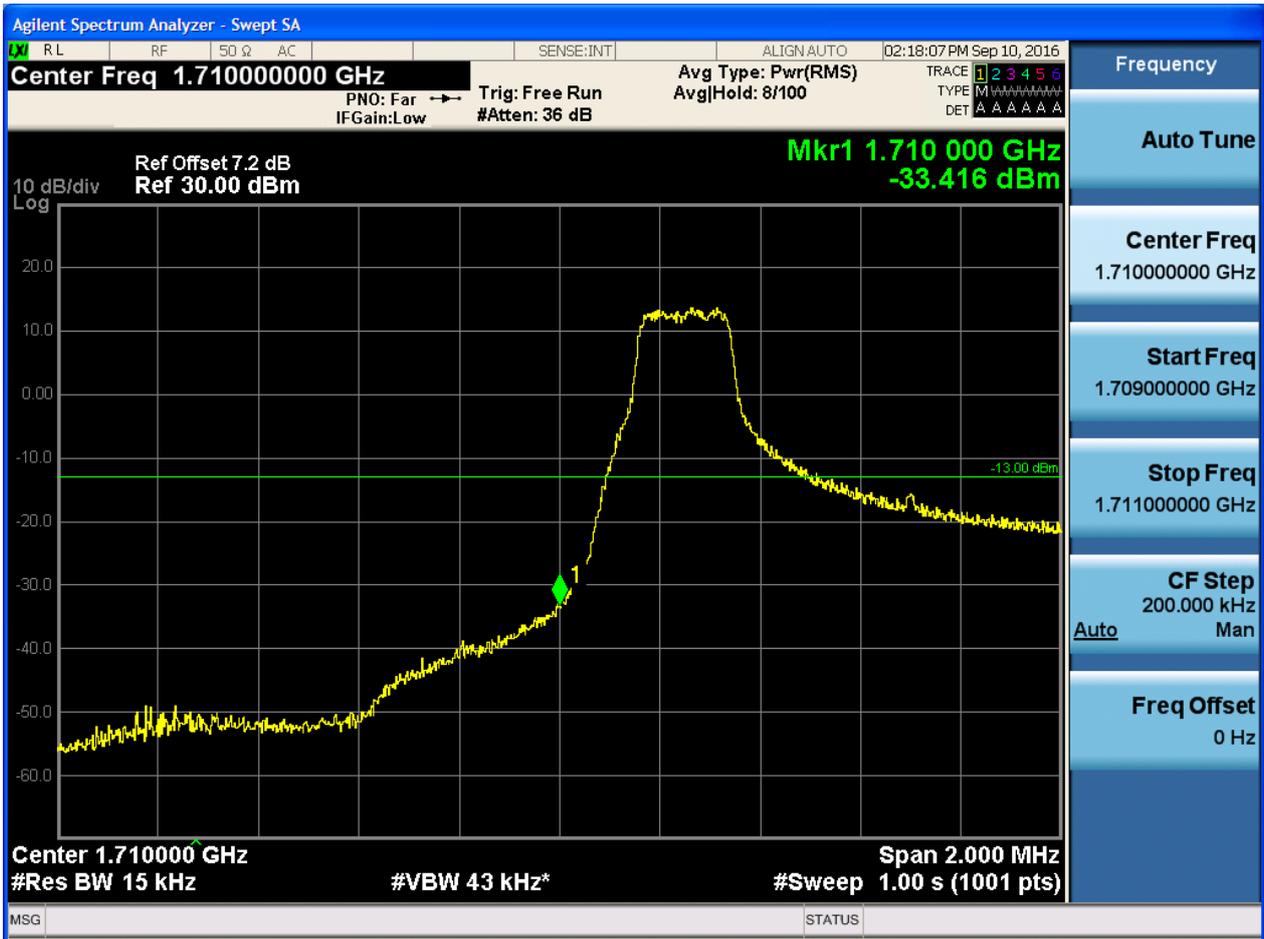


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



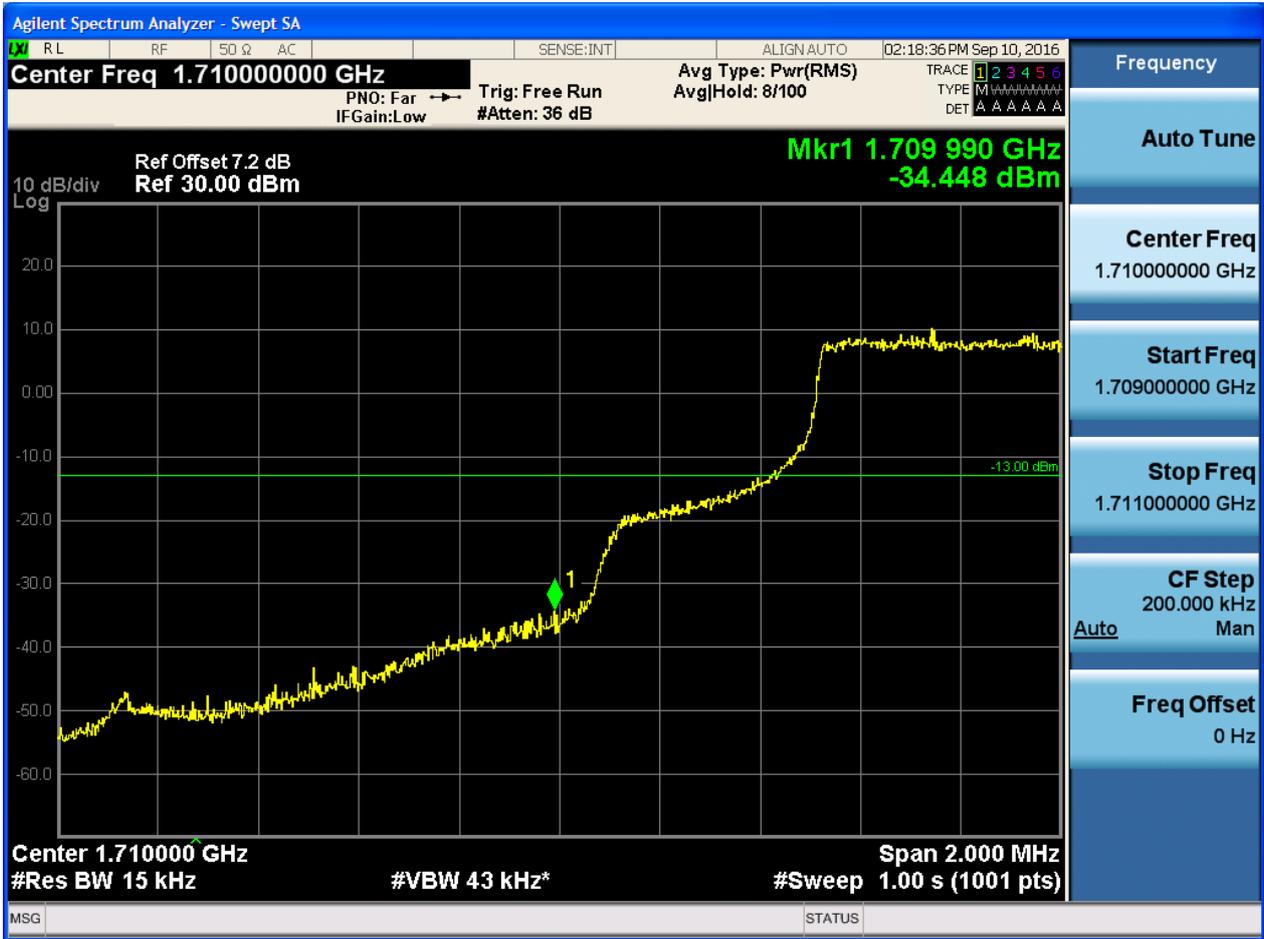


5.1.1.2.1.1.2 Test RB = RB1#5



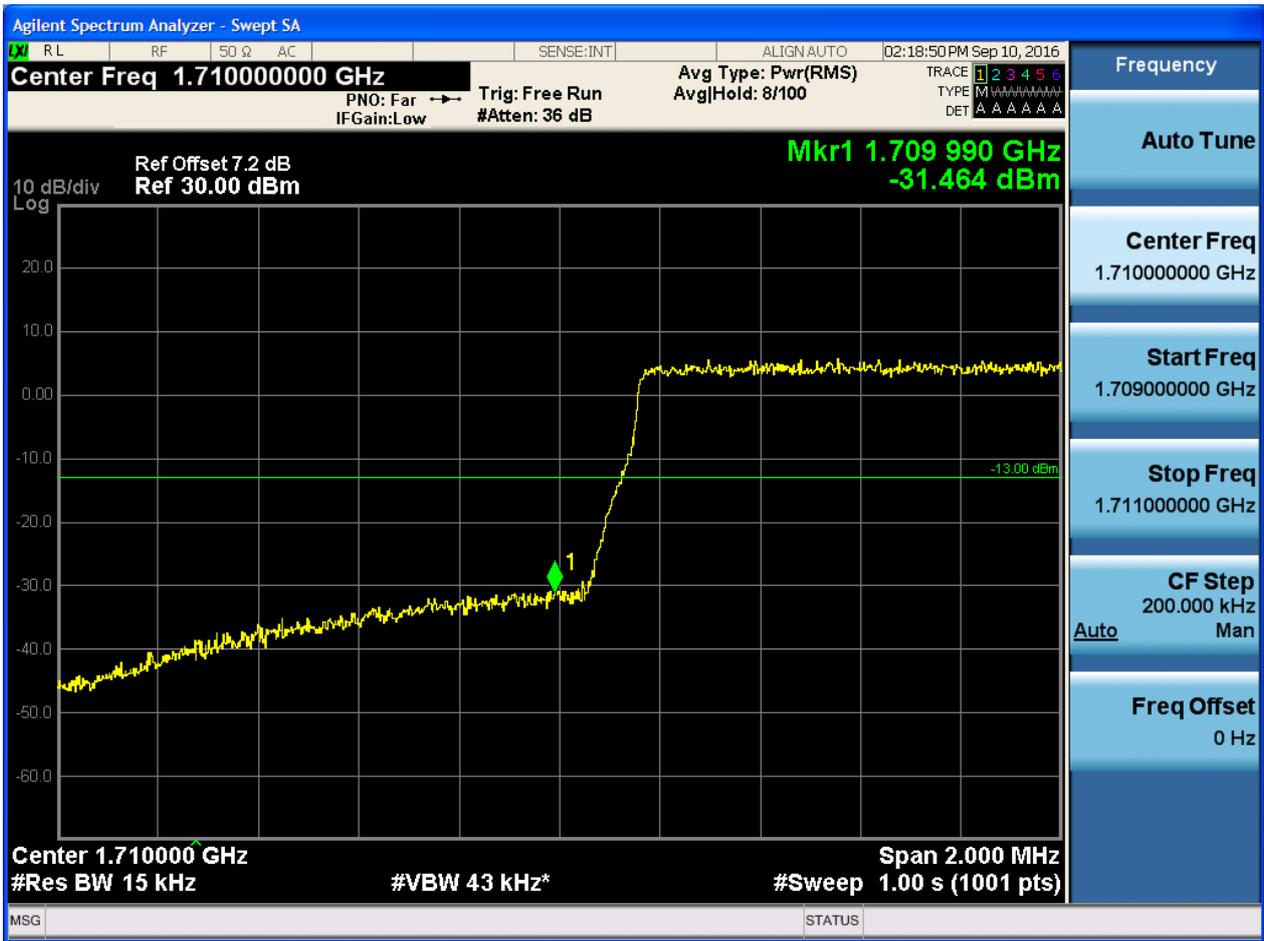


5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#0





5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5





5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

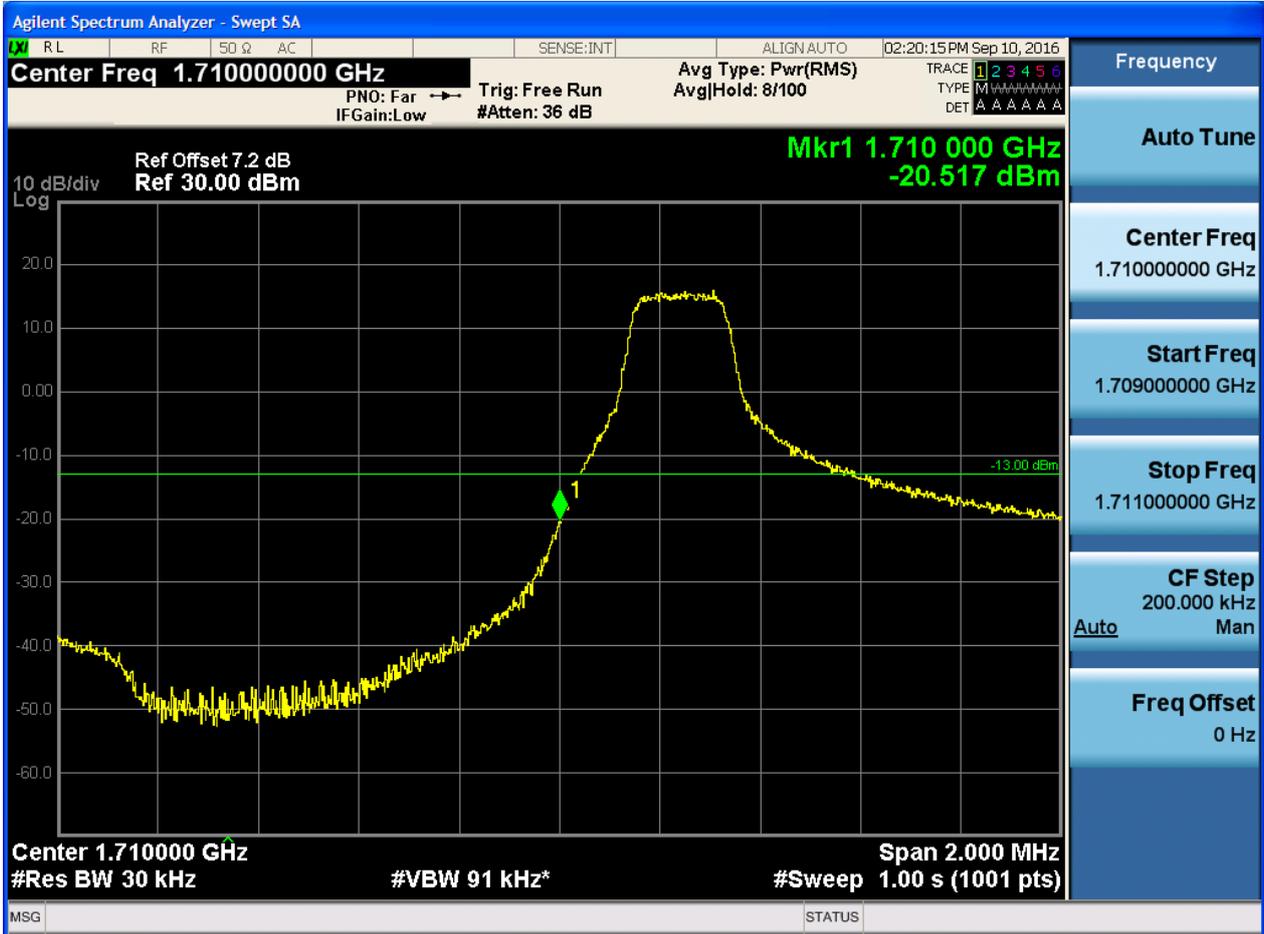




5.1.1.2.2 Test Bandwidth = 3

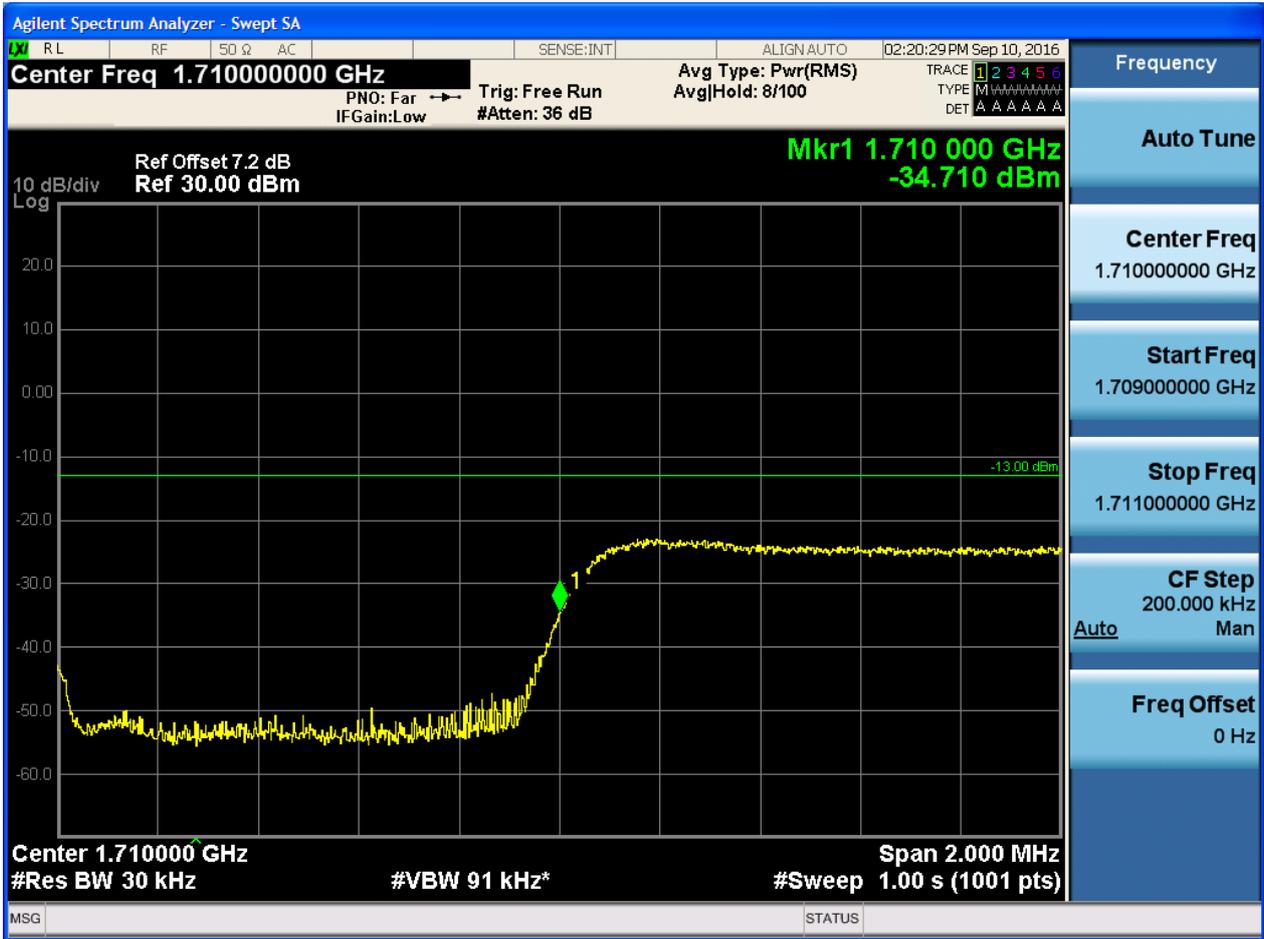
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14



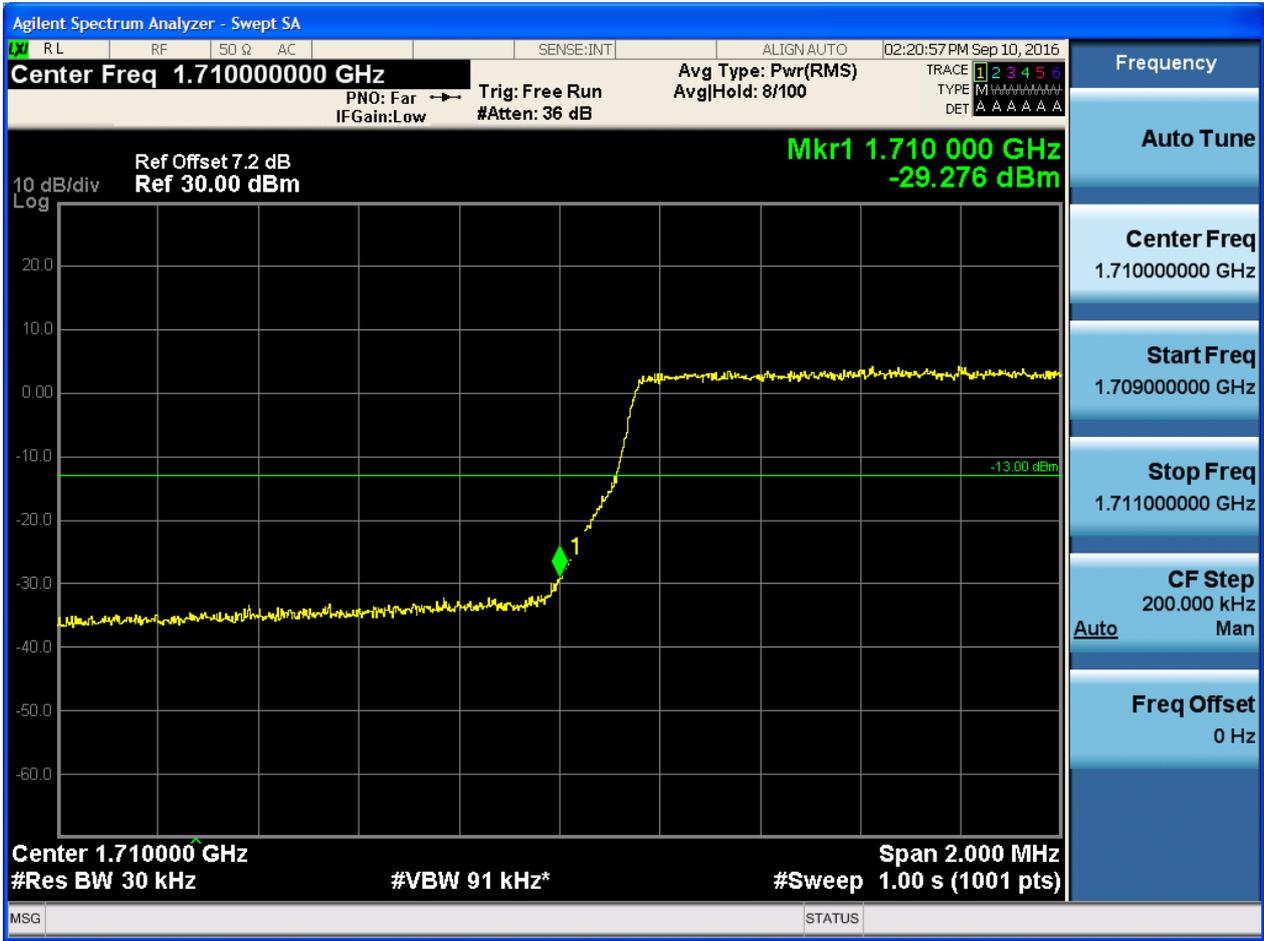


5.1.1.2.2.1.3 Test RB = RB#4





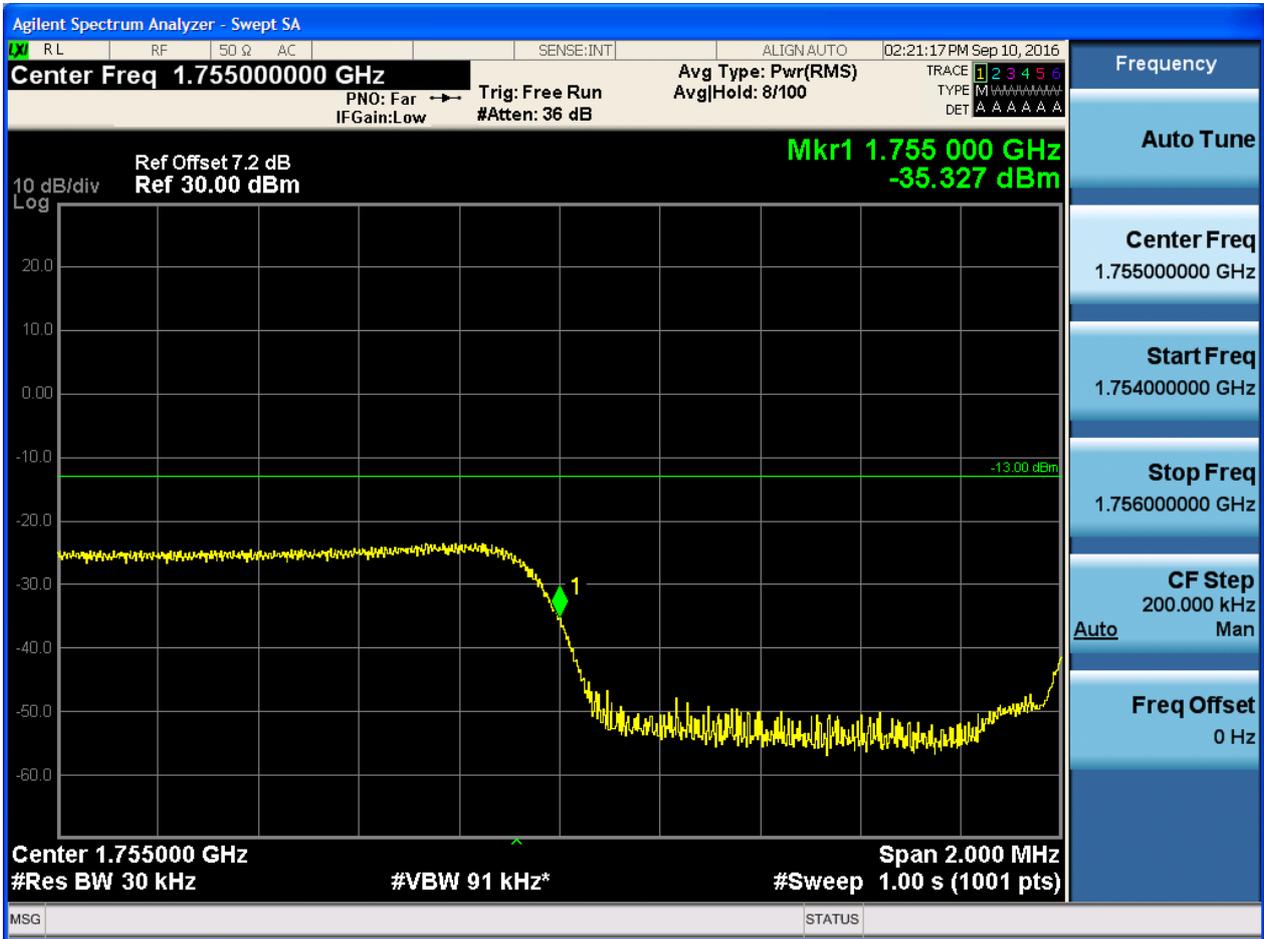
5.1.1.2.2.1.4 Test RB = RB15#0





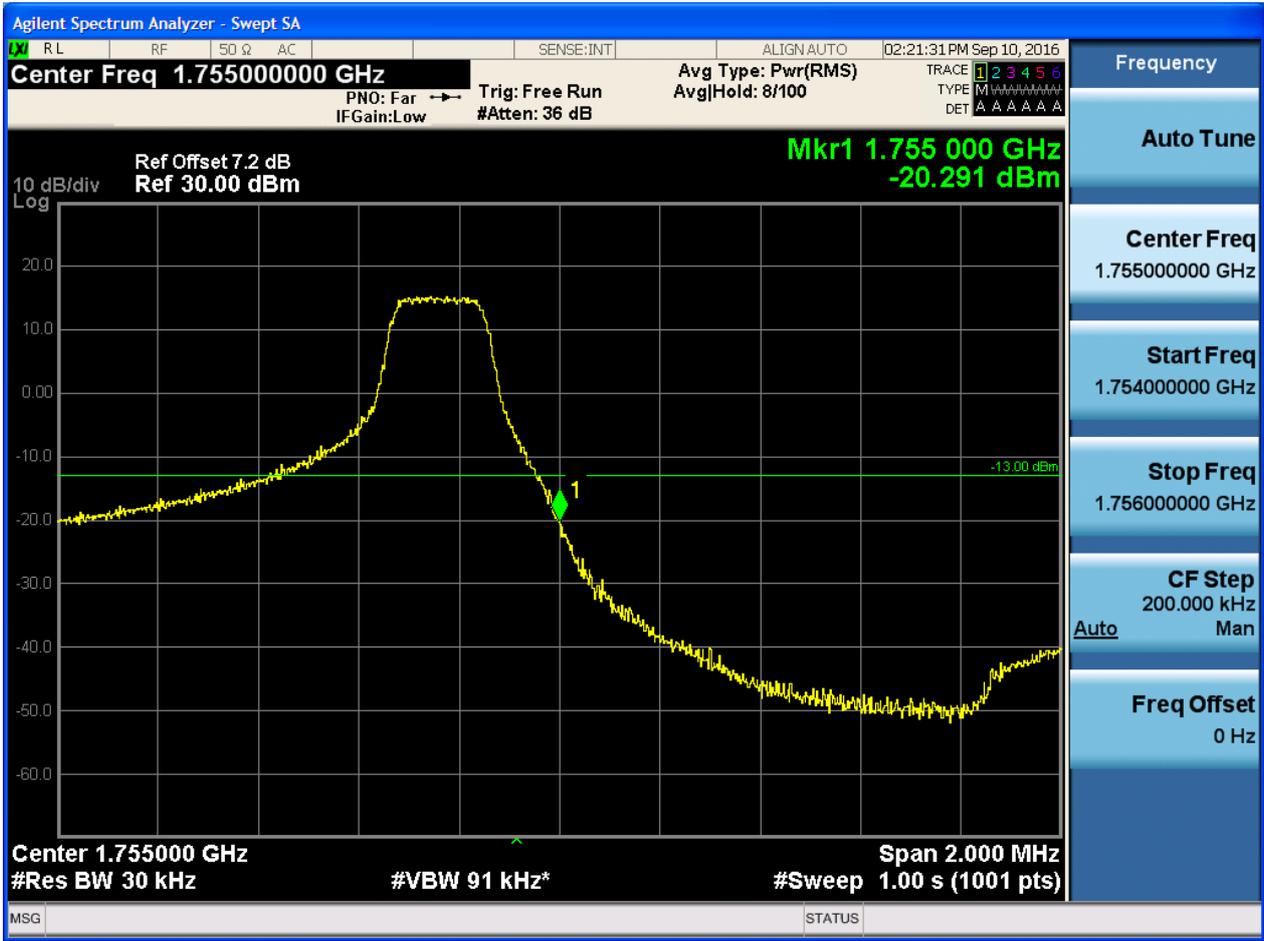
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14





5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

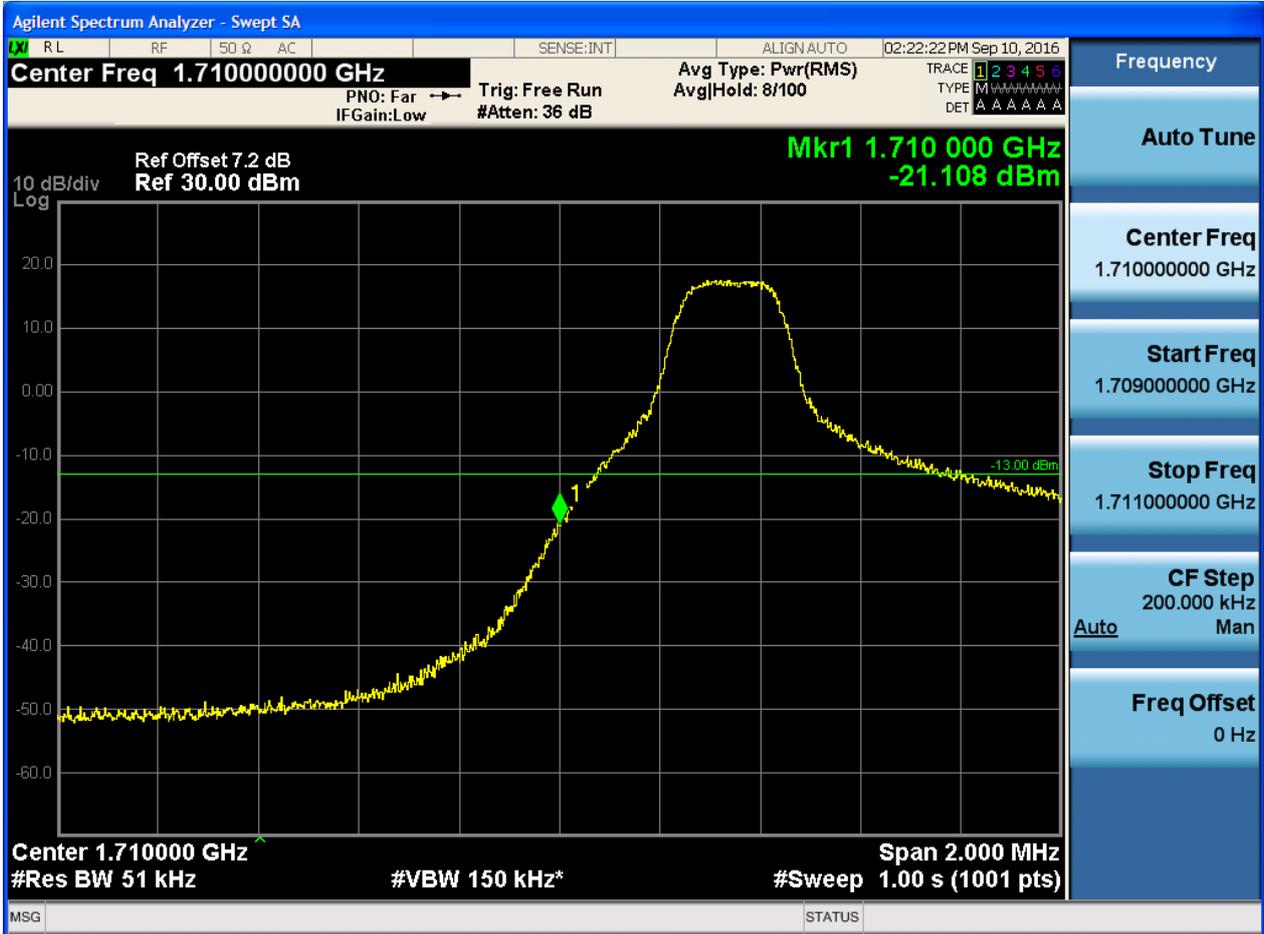




5.1.1.2.3 Test Bandwidth = 5

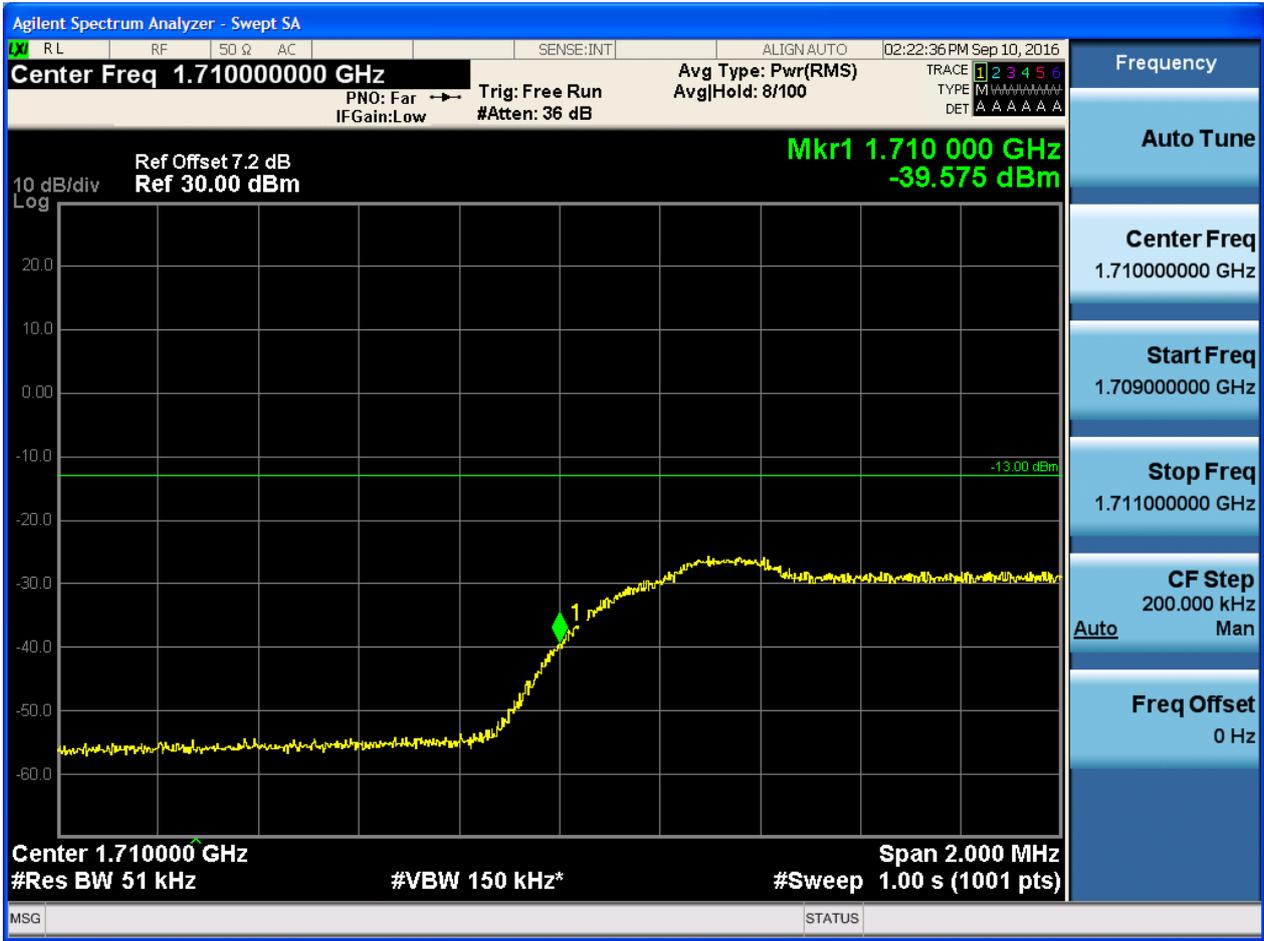
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24



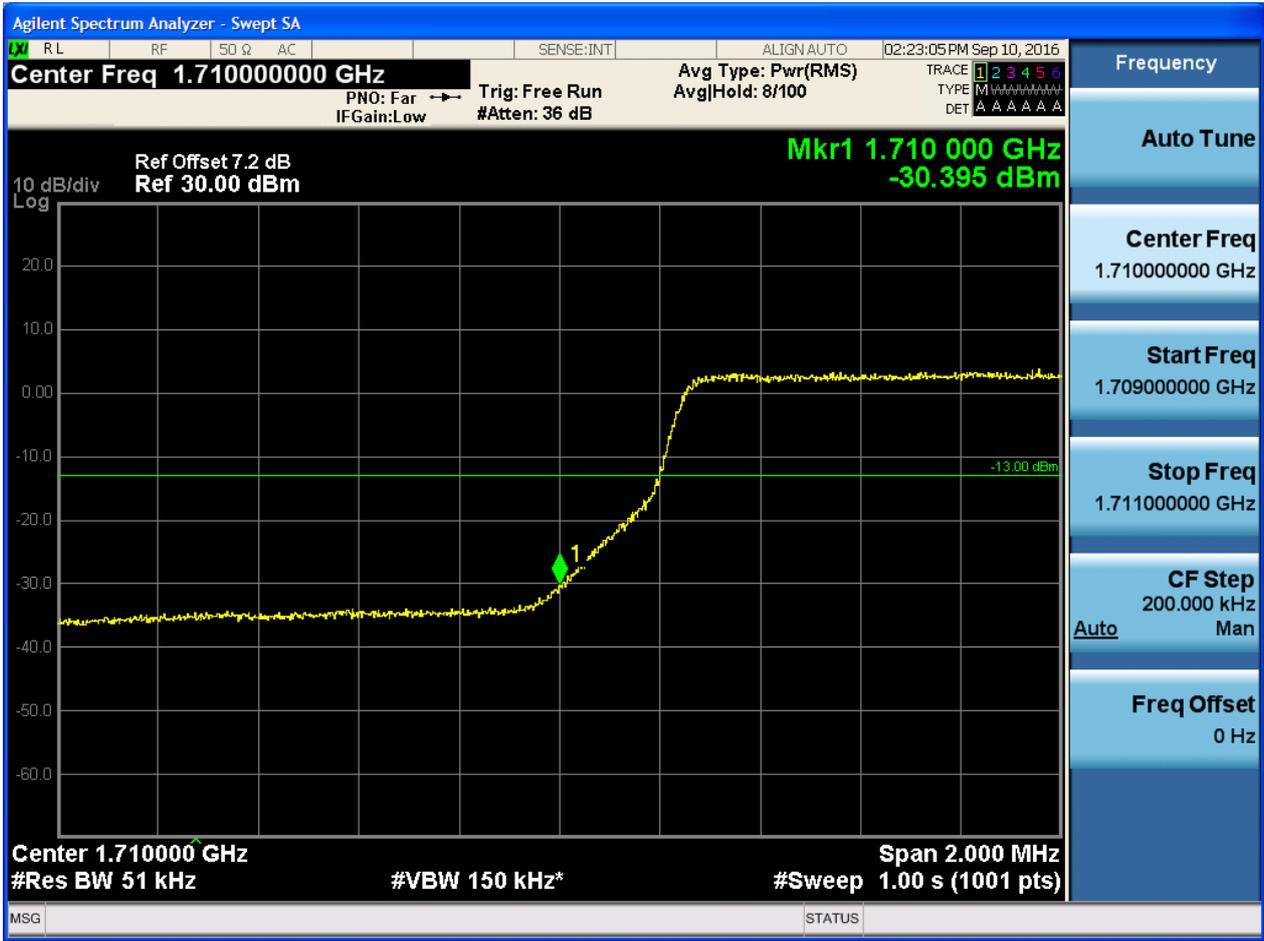


5.1.1.2.3.1.3 Test RB = RB12#6





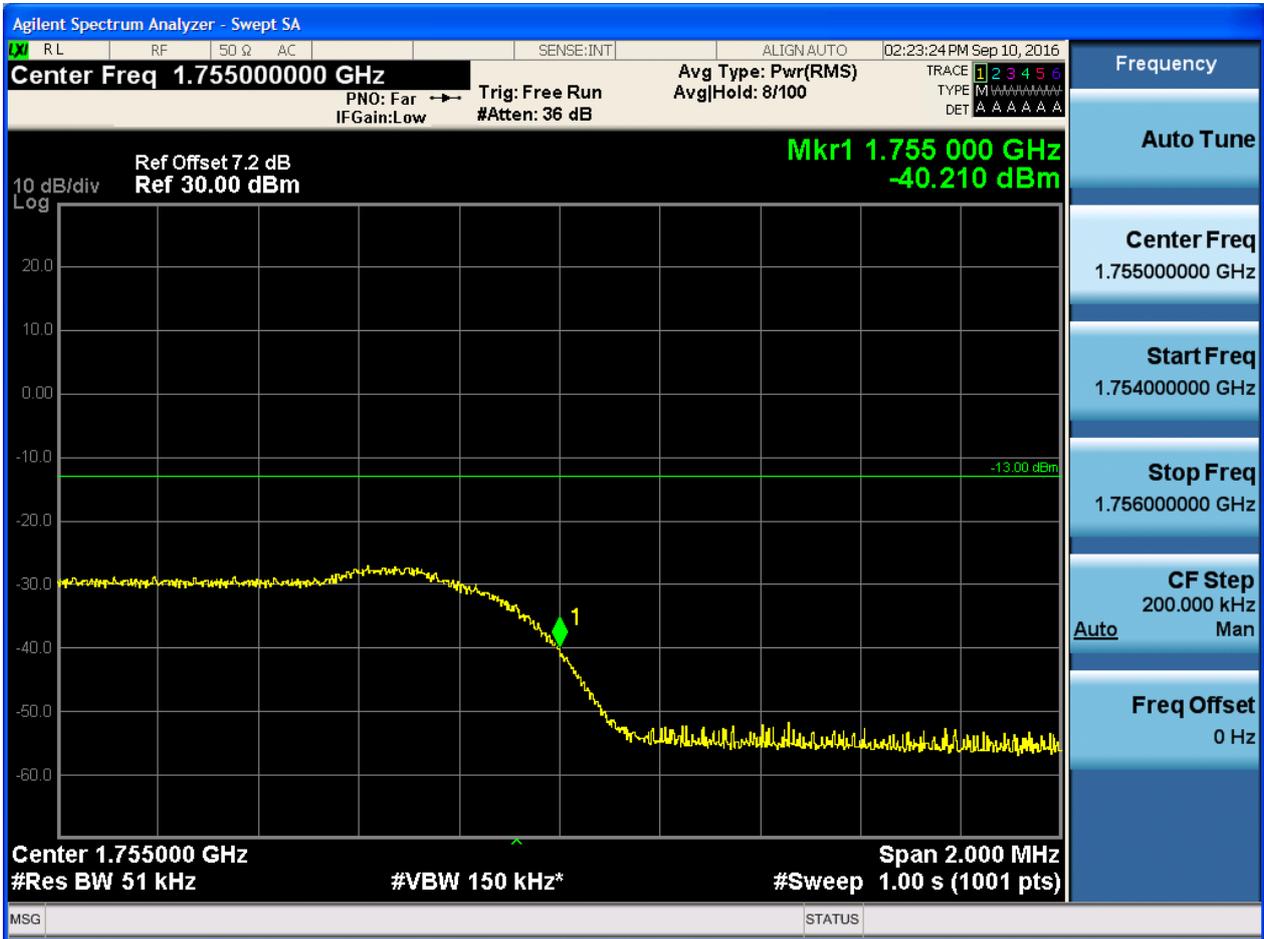
5.1.1.2.3.1.4 Test RB = RB25#0





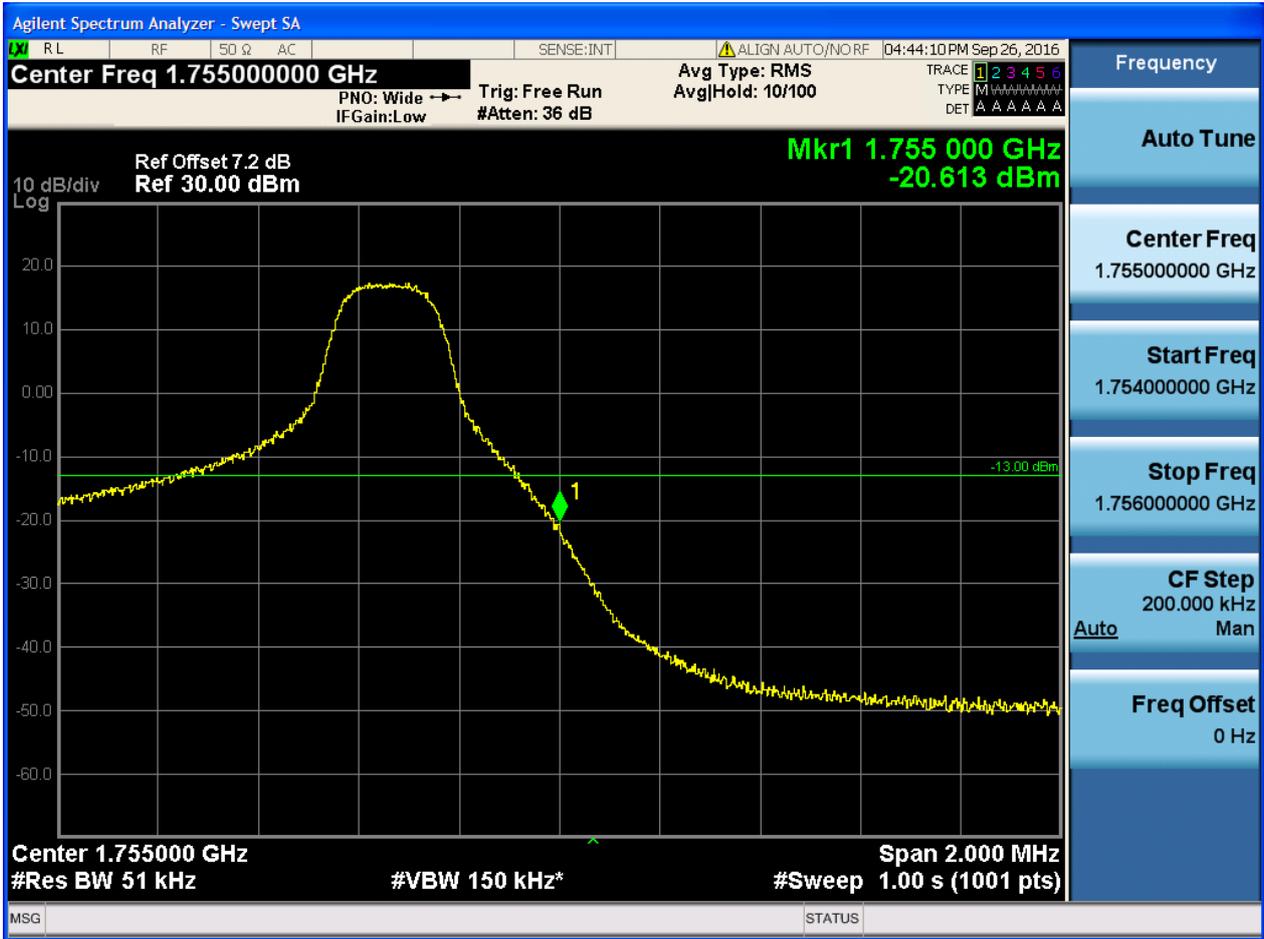
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#24





5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0

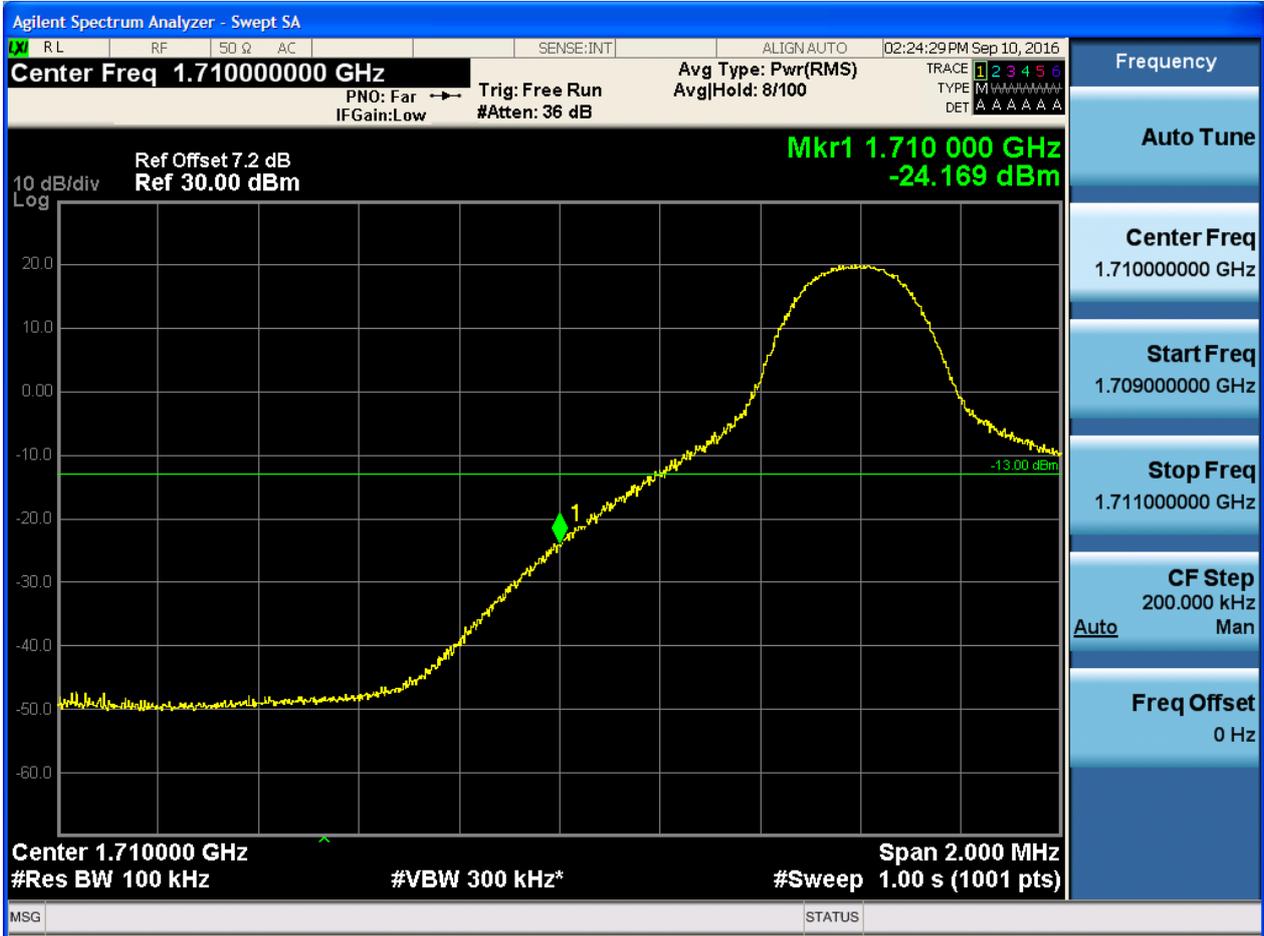




5.1.1.2.4 Test Bandwidth = 10

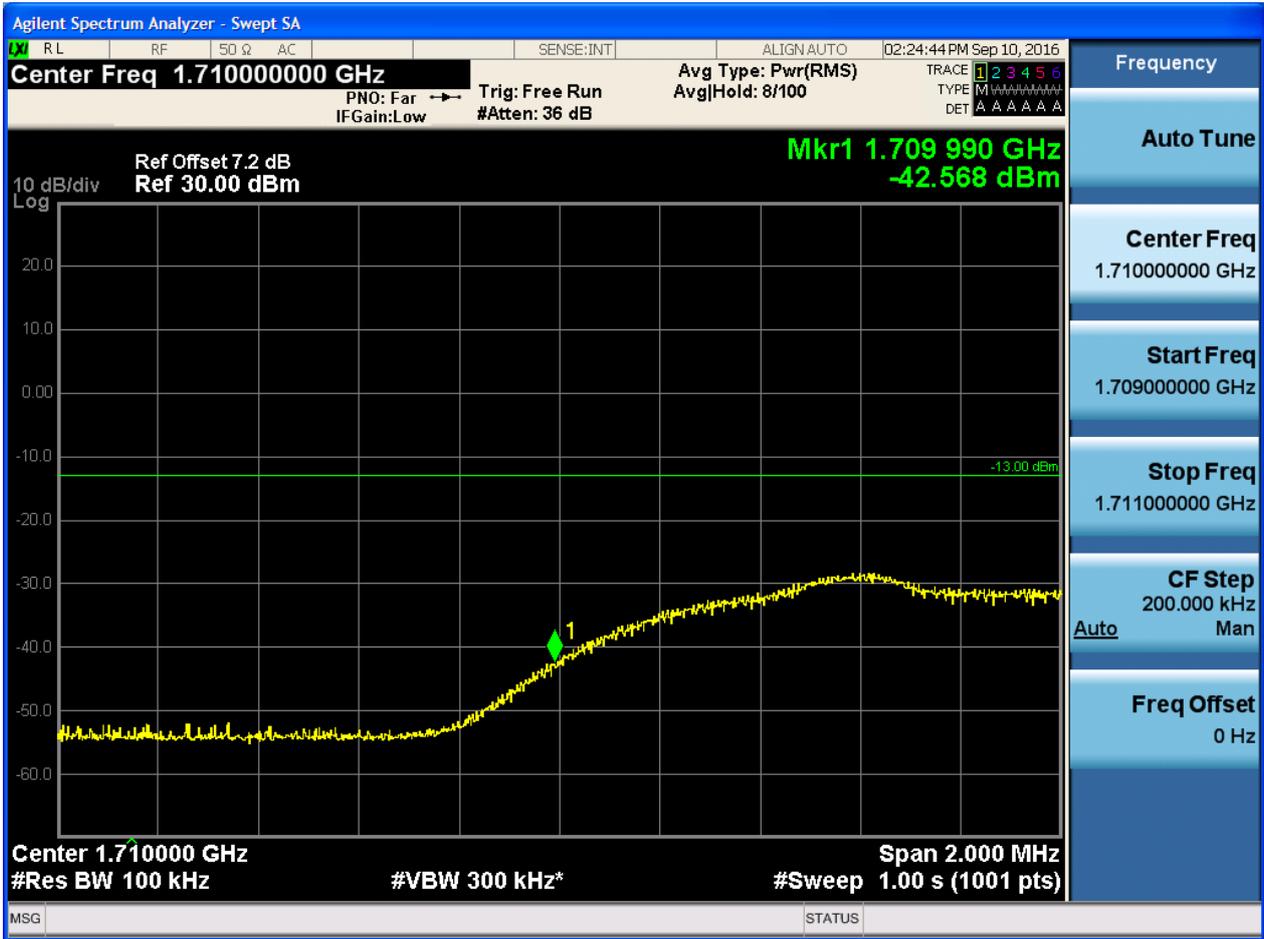
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



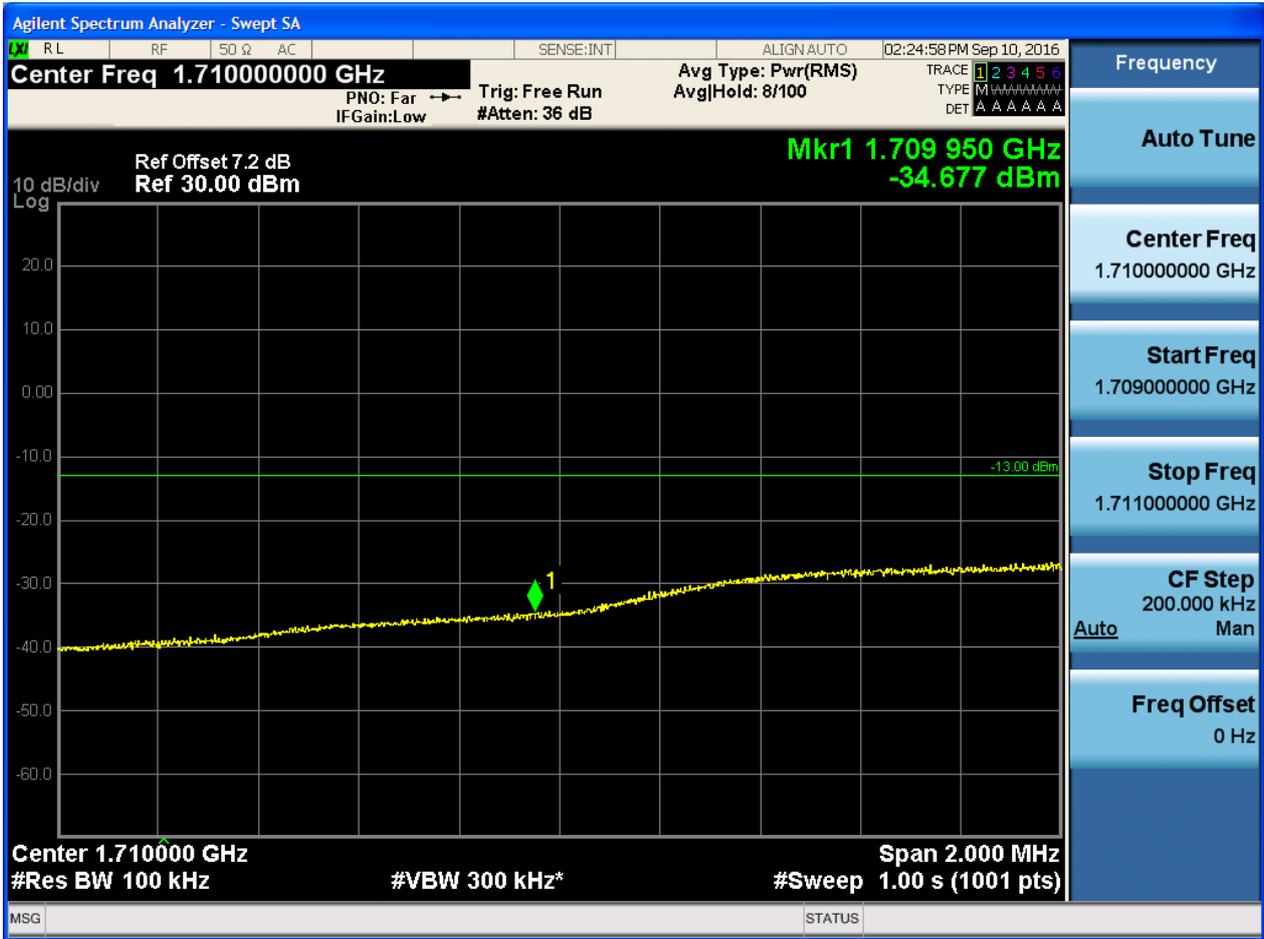


5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13





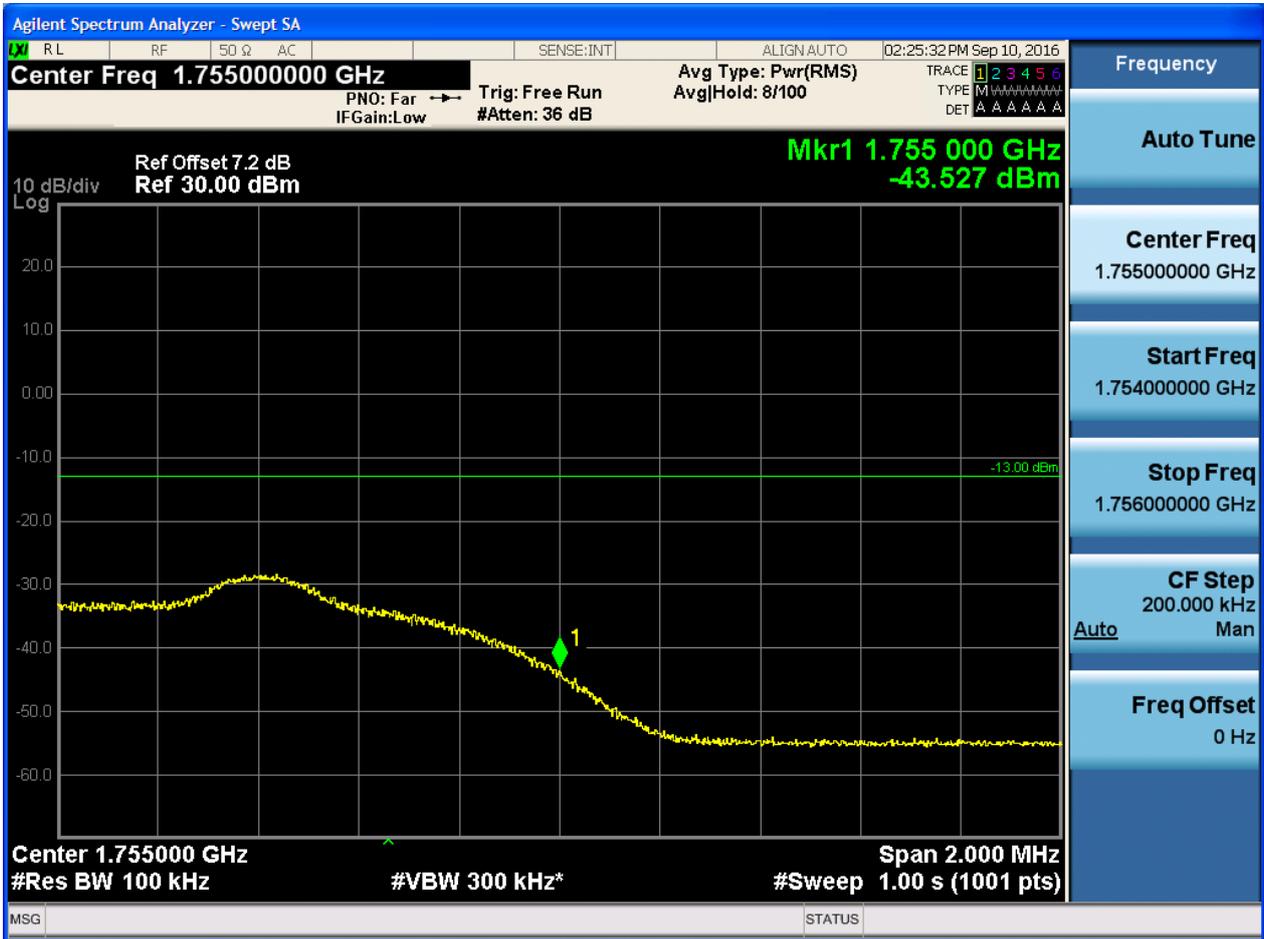
5.1.1.2.4.1.4 Test RB = RB50#0





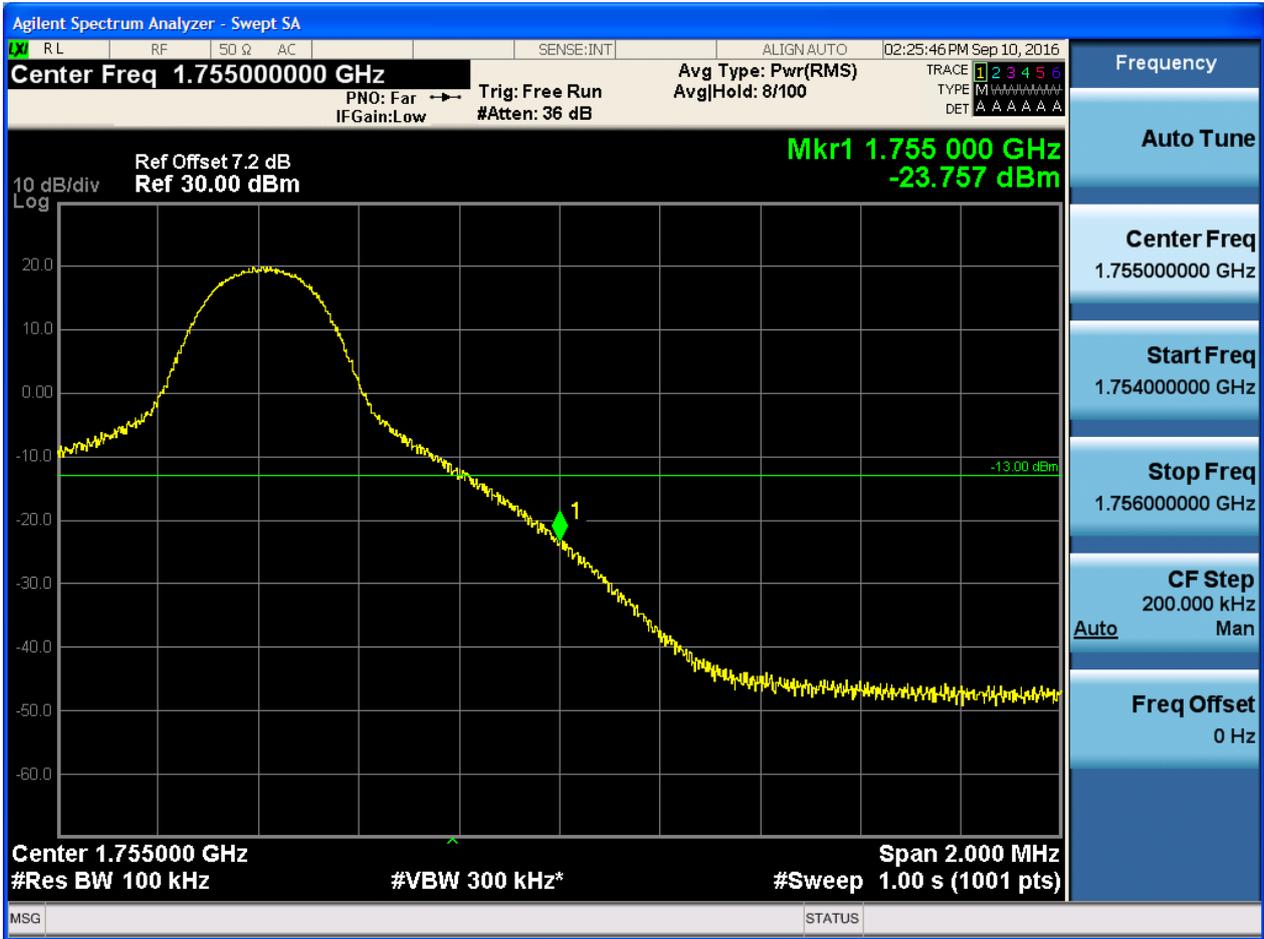
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



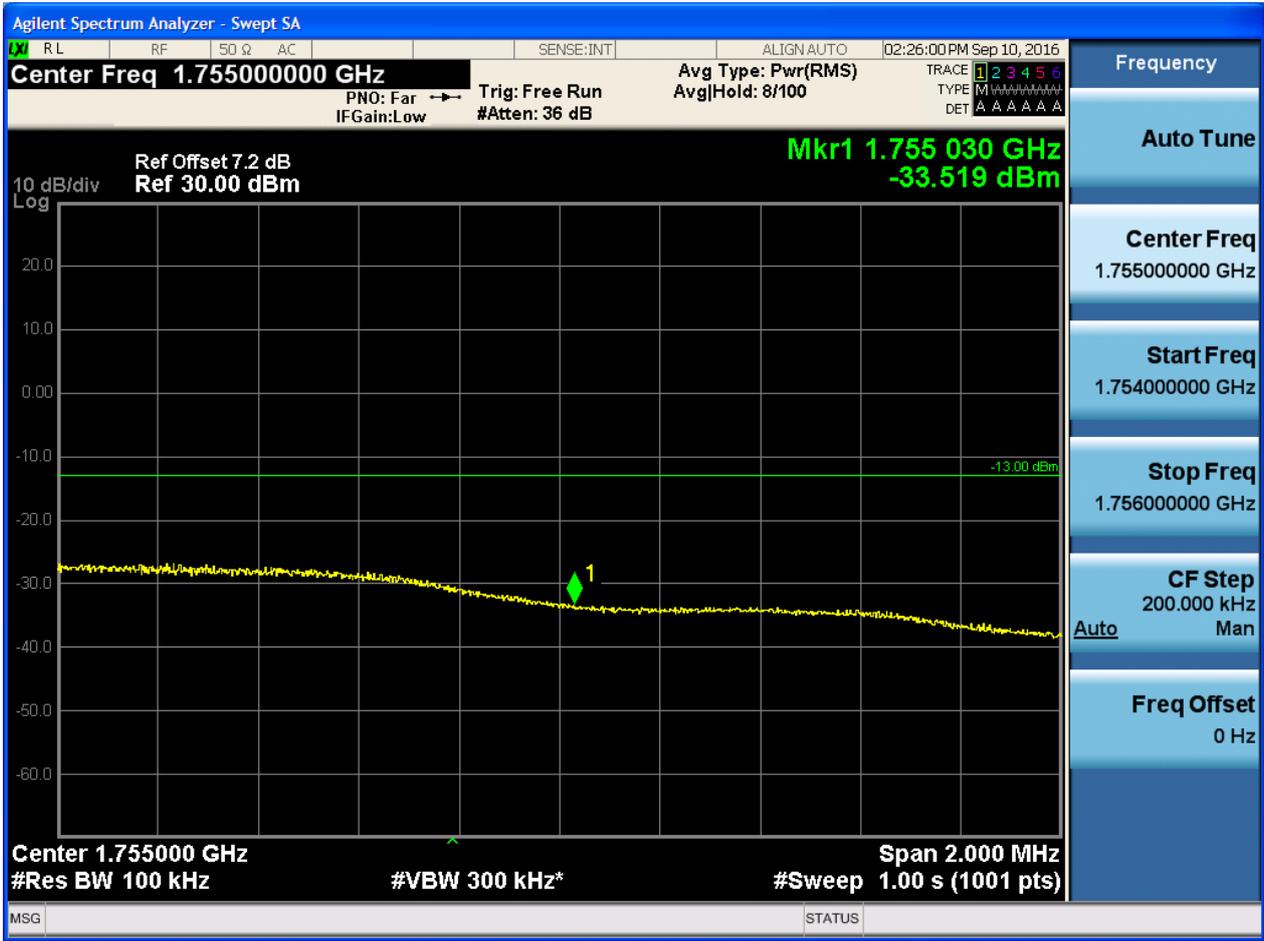


5.1.1.2.4.2.2 Test RB = RB1#49



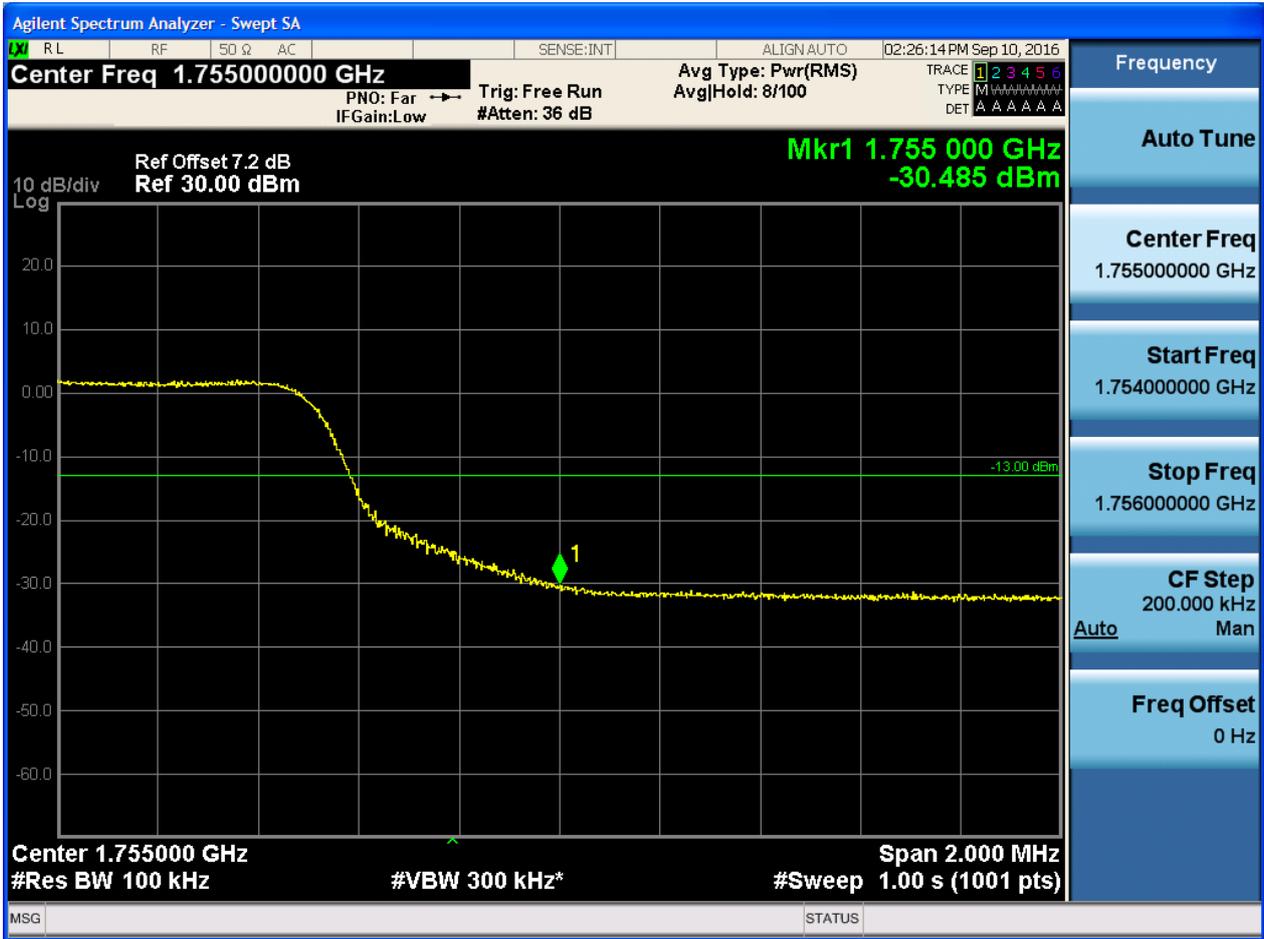


5.1.1.2.4.2.3 Test RB = RB25#13





5.1.1.2.4.2.4 Test RB = RB50#0





6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

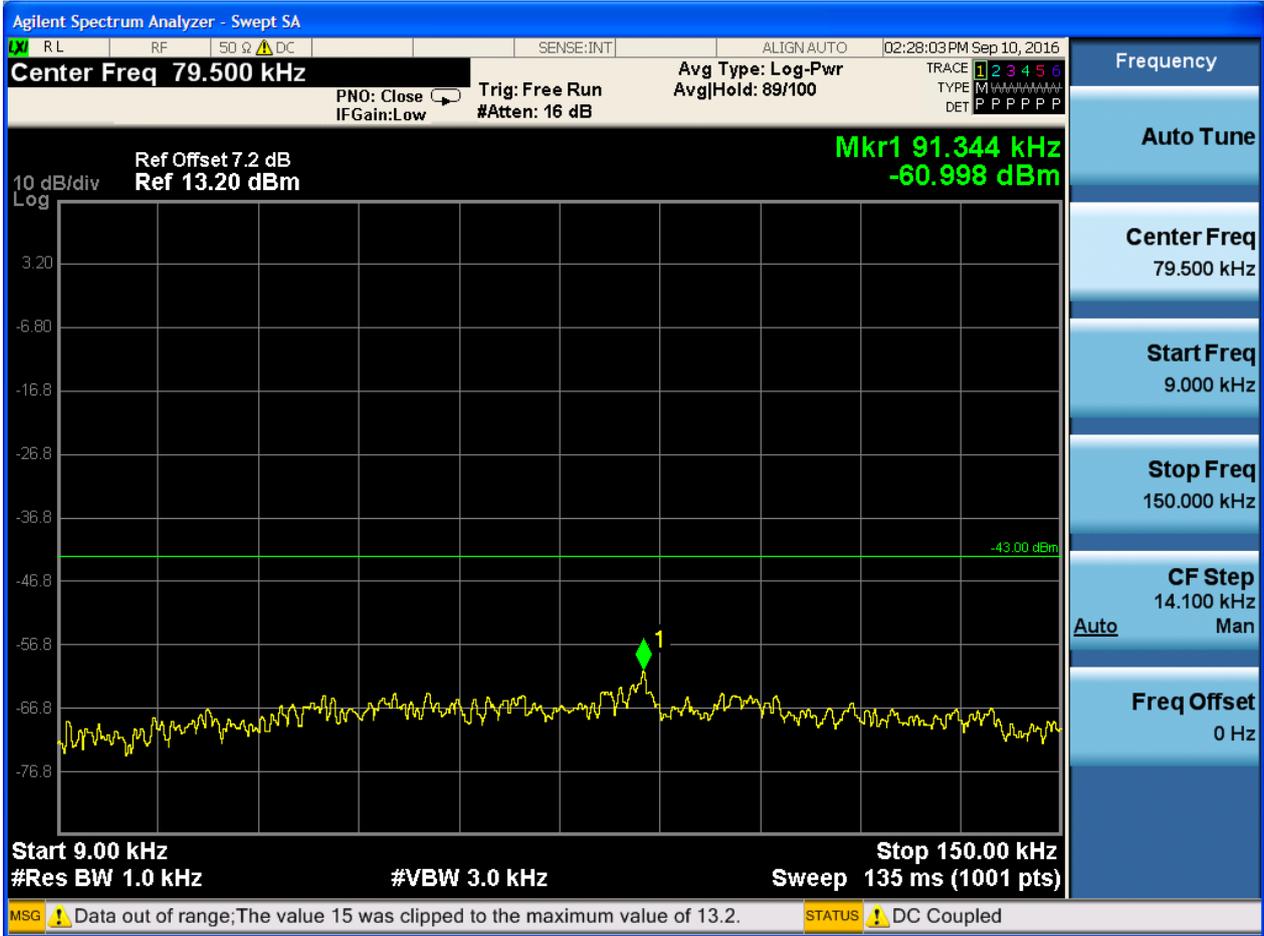
6.1.1 Test Band = BAND4

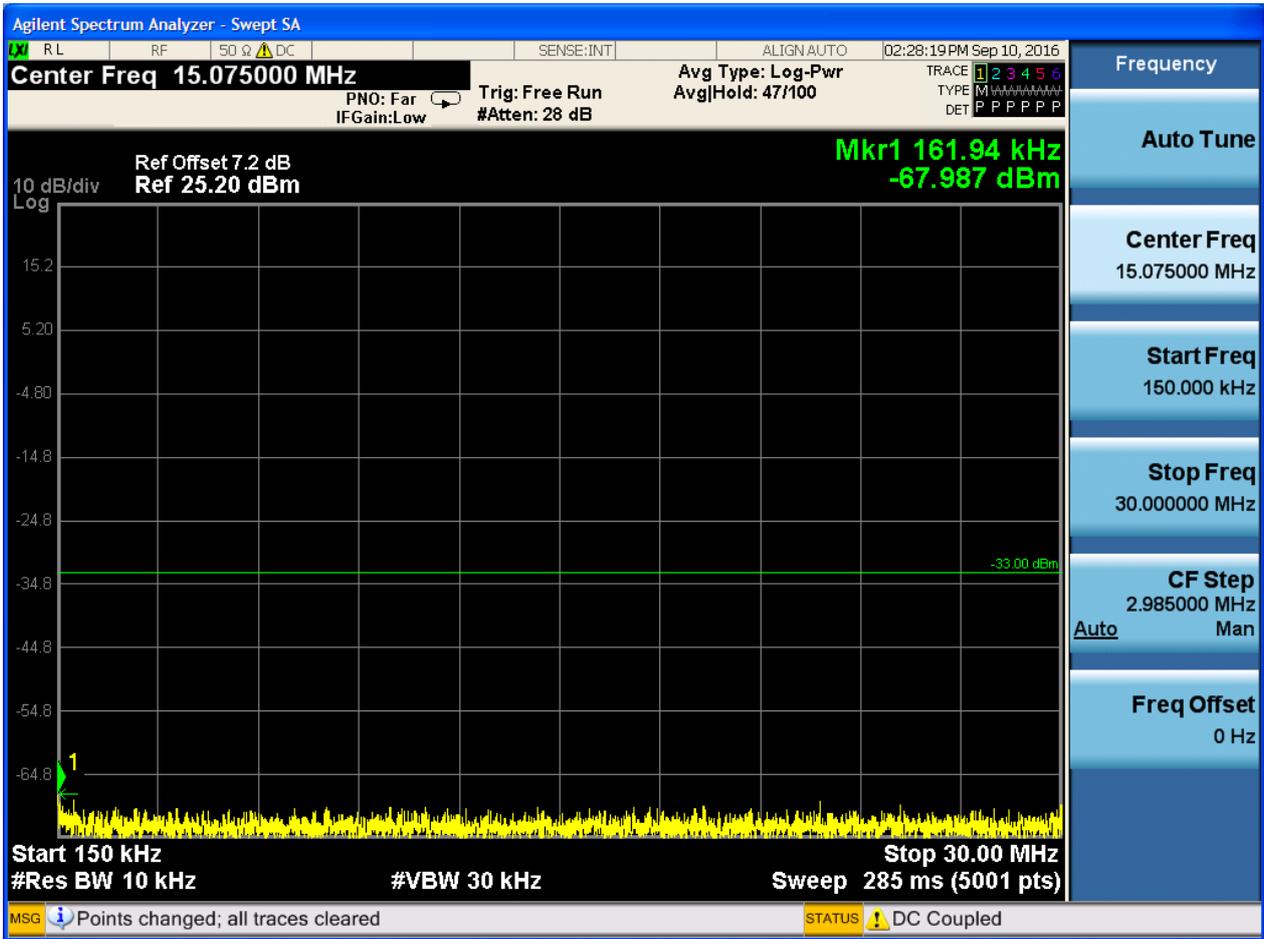
6.1.1.1 Test Mode = LTE/TM1

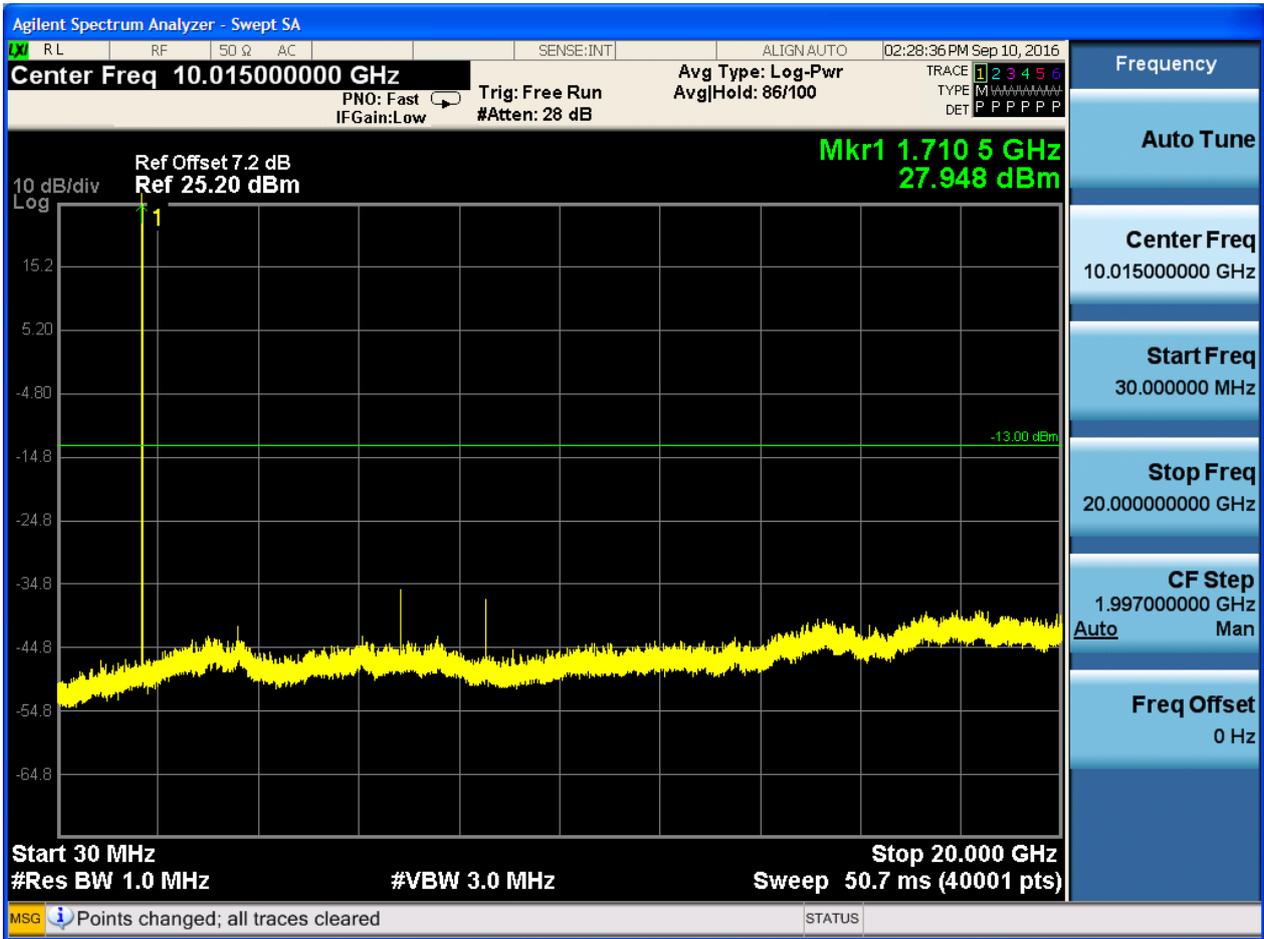
6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0









6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

