



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	22.42	23.15	30	PASS
				RB1#3	22.41	23.47	30	PASS
				RB1#5	22.47	23.36	30	PASS
				RB3#0	22.46	23.54	30	PASS
				RB3#2	22.45	23.36	30	PASS
				RB3#3	22.47	23.47	30	PASS
				RB6#0	21.44	22.23	30	PASS
			MCH	RB1#0	22.42	23.41	30	PASS
				RB1#3	22.48	23.38	30	PASS
				RB1#5	22.41	23.17	30	PASS
				RB3#0	22.39	23.47	30	PASS
				RB3#2	22.41	23.44	30	PASS
				RB3#3	22.5	23.23	30	PASS
				RB6#0	21.39	22.27	30	PASS
			HCH	RB1#0	22.35	23.08	30	PASS
				RB1#3	22.33	23.34	30	PASS
				RB1#5	22.16	23.14	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB3#0	22.25	23.21	30	PASS	
				RB3#2	22.15	22.91	30	PASS	
				RB3#3	22.24	23.32	30	PASS	
				RB6#0	21.2	21.90	30	PASS	
		3	LCH	RB1#0	22.69	23.66	30	PASS	
				RB1#7	22.67	23.51	30	PASS	
				RB1#14	22.63	23.55	30	PASS	
				RB8#0	21.34	22.10	30	PASS	
				RB8#4	21.37	22.08	30	PASS	
				RB8#7	21.38	22.31	30	PASS	
				RB15#0	21.45	22.50	30	PASS	
				MCH	RB1#0	22.64	23.43	30	PASS
					RB1#7	22.73	23.83	30	PASS
					RB1#14	22.65	23.55	30	PASS
RB8#0	21.5	22.44	30		PASS				
RB8#4	21.46	22.55	30		PASS				
RB8#7	21.62	22.45	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.47	22.25	30	PASS
			HCH	RB1#0	22.52	23.30	30	PASS
				RB1#7	22.47	23.49	30	PASS
				RB1#14	22.42	23.39	30	PASS
				RB8#0	21.33	22.39	30	PASS
				RB8#4	21.31	22.24	30	PASS
				RB8#7	21.28	22.34	30	PASS
				RB15#0	21.32	22.33	30	PASS
		5		LCH	RB1#0	22.65	23.39	30
			RB1#13		22.65	23.57	30	PASS
			RB1#24		22.6	23.48	30	PASS
			RB12#0		21.37	22.46	30	PASS
			RB12#6		21.33	22.16	30	PASS
			RB12#13		21.36	22.37	30	PASS
			RB25#0		21.39	22.37	30	PASS
			MCH		RB1#0	22.7	23.57	30
				RB1#13	22.49	23.26	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	22.56	23.57	30	PASS	
				RB12#0	21.53	22.60	30	PASS	
				RB12#6	21.4	22.49	30	PASS	
				RB12#13	21.46	22.50	30	PASS	
				RB25#0	21.47	22.48	30	PASS	
			HCH	RB1#0	22.34	23.08	30	PASS	
				RB1#13	22.47	23.43	30	PASS	
				RB1#24	22.37	23.36	30	PASS	
				RB12#0	21.39	22.48	30	PASS	
				RB12#6	21.31	22.31	30	PASS	
				RB12#13	21.27	22.36	30	PASS	
				RB25#0	21.29	22.33	30	PASS	
			10	LCH	RB1#0	22.77	23.58	30	PASS
					RB1#25	22.59	23.40	30	PASS
		RB1#49			22.57	23.28	30	PASS	
		RB25#0			21.5	22.54	30	PASS	
		RB25#13			21.43	22.49	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.36	22.23	30	PASS
				RB50#0	21.49	22.51	30	PASS
			MCH	RB1#0	22.79	23.79	30	PASS
				RB1#25	22.76	23.86	30	PASS
				RB1#49	22.67	23.39	30	PASS
				RB25#0	21.57	22.66	30	PASS
				RB25#13	21.41	22.17	30	PASS
				RB25#25	21.47	22.29	30	PASS
				RB50#0	21.48	22.33	30	PASS
				HCH	RB1#0	22.6	23.39	30
			RB1#25		22.51	23.48	30	PASS
			RB1#49		22.46	23.43	30	PASS
			RB25#0		21.45	22.28	30	PASS
			RB25#13		21.31	22.27	30	PASS
			RB25#25		21.4	22.40	30	PASS
			RB50#0		21.38	22.40	30	PASS
			15	LCH	RB1#0	22.89	23.60	30



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.58	23.45	30	PASS
				RB1#74	22.67	23.52	30	PASS
				RB38#0	21.48	22.38	30	PASS
				RB38#19	21.34	22.14	30	PASS
				RB38#39	21.33	22.07	30	PASS
				RB75#0	21.42	22.29	30	PASS
			MCH	RB1#0	22.8	23.59	30	PASS
				RB1#38	22.69	23.73	30	PASS
				RB1#74	22.63	23.43	30	PASS
				RB38#0	21.6	22.49	30	PASS
				RB38#19	21.48	22.50	30	PASS
				RB38#39	21.53	22.27	30	PASS
				RB75#0	21.46	22.25	30	PASS
			HCH	RB1#0	22.91	23.99	30	PASS
				RB1#38	22.58	23.42	30	PASS
				RB1#74	22.58	23.43	30	PASS
				RB38#0	21.49	22.25	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB38#19	21.32	22.30	30	PASS	
				RB38#39	21.27	22.36	30	PASS	
				RB75#0	21.41	22.32	30	PASS	
		20	LCH	RB1#0	22.57	23.57	30	PASS	
				RB1#50	22.47	23.56	30	PASS	
				RB1#99	22.49	23.54	30	PASS	
				RB50#0	21.5	22.27	30	PASS	
				RB50#25	21.38	22.42	30	PASS	
				RB50#50	21.45	22.44	30	PASS	
				RB100#0	21.46	22.35	30	PASS	
				MCH	RB1#0	22.7	23.42	30	PASS
			RB1#50		22.76	23.54	30	PASS	
			RB1#99		22.41	23.29	30	PASS	
			RB50#0		21.7	22.56	30	PASS	
			RB50#25		21.51	22.51	30	PASS	
			RB50#50		21.41	22.45	30	PASS	
			RB100#0		21.46	22.54	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
			HCH	RB1#0	22.53	23.59	30	PASS	
				RB1#50	22.6	23.45	30	PASS	
				RB1#99	22.28	23.19	30	PASS	
				RB50#0	21.59	22.52	30	PASS	
				RB50#25	21.43	22.14	30	PASS	
				RB50#50	21.33	22.26	30	PASS	
				RB100#0	21.5	22.50	30	PASS	
	LTE/TM2	1.4		LCH	RB1#0	21.91	22.84	30	PASS
					RB1#3	21.88	22.67	30	PASS
					RB1#5	21.92	22.74	30	PASS
					RB3#0	21.39	22.33	30	PASS
					RB3#2	21.05	21.78	30	PASS
					RB3#3	20.99	21.78	30	PASS
					RB6#0	20.29	21.08	30	PASS
				MCH	RB1#0	21.83	22.87	30	PASS
RB1#3	21.98	22.75	30		PASS				
RB1#5	21.97	22.85	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB3#0	21.44	22.33	30	PASS		
				RB3#2	21.44	22.14	30	PASS		
				RB3#3	21.51	22.49	30	PASS		
				RB6#0	20.28	21.01	30	PASS		
			HCH	RB1#0	21.7	22.60	30	PASS		
				RB1#3	21.7	22.46	30	PASS		
				RB1#5	21.69	22.70	30	PASS		
				RB3#0	21.27	22.37	30	PASS		
			LCH	RB3#2	21.29	22.08	30	PASS		
				RB3#3	21.03	22.05	30	PASS		
				RB6#0	20.09	21.10	30	PASS		
				RB1#0	21.7	22.75	30	PASS		
		3				RB1#7	21.78	22.56	30	PASS
						RB1#14	21.31	22.12	30	PASS
						RB8#0	20.33	21.36	30	PASS
						RB8#4	20.47	21.52	30	PASS
						RB8#7	20.66	21.55	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.59	21.42	30	PASS
			MCH	RB1#0	21.68	22.52	30	PASS
				RB1#7	21.55	22.30	30	PASS
				RB1#14	21.33	22.33	30	PASS
				RB8#0	20.41	21.24	30	PASS
				RB8#4	20.5	21.48	30	PASS
				RB8#7	20.45	21.47	30	PASS
				RB15#0	20.59	21.55	30	PASS
				HCH	RB1#0	21.17	21.98	30
			RB1#7		21.29	22.16	30	PASS
			RB1#14		21.2	22.25	30	PASS
			RB8#0		20.25	21.01	30	PASS
			RB8#4		20.24	21.11	30	PASS
			RB8#7		20.21	21.11	30	PASS
			RB15#0		20.44	21.16	30	PASS
		5	LCH		RB1#0	21.51	22.37	30
				RB1#13	20.94	21.68	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	20.84	21.58	30	PASS
				RB12#0	20.18	21.08	30	PASS
				RB12#6	20.15	21.22	30	PASS
				RB12#13	20.17	20.91	30	PASS
				RB25#0	20.37	21.29	30	PASS
			MCH	RB1#0	21.26	22.21	30	PASS
				RB1#13	21.23	22.10	30	PASS
				RB1#24	21.06	22.01	30	PASS
				RB12#0	20.19	20.97	30	PASS
				RB12#6	20.13	21.03	30	PASS
				RB12#13	20.23	21.10	30	PASS
				RB25#0	20.44	21.24	30	PASS
				HCH	RB1#0	21.1	21.97	30
			RB1#13		20.86	21.91	30	PASS
			RB1#24		20.79	21.53	30	PASS
			RB12#0		20.09	20.80	30	PASS
			RB12#6		20.04	21.09	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	20.28	21.07	30	PASS
				RB25#0	20.36	21.30	30	PASS
		10	LCH	RB1#0	21.74	22.61	30	PASS
				RB1#25	21.48	22.34	30	PASS
				RB1#49	21.43	22.17	30	PASS
				RB25#0	20.36	21.31	30	PASS
				RB25#13	20.47	21.35	30	PASS
				RB25#25	20.4	21.34	30	PASS
				RB50#0	20.42	21.51	30	PASS
				MCH	RB1#0	21.66	22.43	30
			RB1#25		21.86	22.89	30	PASS
			RB1#49		21.73	22.82	30	PASS
			RB25#0		20.42	21.23	30	PASS
			RB25#13		20.36	21.26	30	PASS
			RB25#25		20.58	21.43	30	PASS
			RB50#0		20.56	21.48	30	PASS
			HCH	RB1#0	21.52	22.58	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.66	22.61	30	PASS
				RB1#49	21.35	22.42	30	PASS
				RB25#0	20.42	21.22	30	PASS
				RB25#13	20.3	21.20	30	PASS
				RB25#25	20.45	21.18	30	PASS
				RB50#0	20.24	21.03	30	PASS
		15	LCH	RB1#0	21.87	22.87	30	PASS
				RB1#38	21.57	22.34	30	PASS
				RB1#74	21.66	22.65	30	PASS
				RB38#0	20.59	21.54	30	PASS
				RB38#19	20.45	21.42	30	PASS
				RB38#39	20.44	21.33	30	PASS
				RB75#0	20.53	21.34	30	PASS
				MCH	RB1#0	21.88	22.80	30
		RB1#38	21.74		22.61	30	PASS	
		RB1#74	21.79		22.85	30	PASS	
RB38#0	20.59	21.43	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#19	20.47	21.41	30	PASS
				RB38#39	20.46	21.44	30	PASS
				RB75#0	20.48	21.51	30	PASS
			HCH	RB1#0	21.73	22.50	30	PASS
				RB1#38	21.12	22.17	30	PASS
				RB1#74	21.01	21.87	30	PASS
				RB38#0	20.49	21.34	30	PASS
				RB38#19	20.31	21.32	30	PASS
				RB38#39	20.25	21.21	30	PASS
				RB75#0	20.5	21.31	30	PASS
					RB1#0	21.96	22.92	30
		20	LCH	RB1#50	21.89	22.69	30	PASS
				RB1#99	21.56	22.55	30	PASS
				RB50#0	20.67	21.60	30	PASS
				RB50#25	20.57	21.64	30	PASS
				RB50#50	20.55	21.56	30	PASS
				RB100#0	20.57	21.43	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.96	23.01	30	PASS
				RB1#50	21.95	22.73	30	PASS
				RB1#99	21.78	22.76	30	PASS
				RB50#0	20.71	21.71	30	PASS
				RB50#25	20.58	21.30	30	PASS
				RB50#50	20.6	21.47	30	PASS
				RB100#0	20.57	21.63	30	PASS
			HCH	RB1#0	21.98	22.75	30	PASS
				RB1#50	21.95	22.78	30	PASS
				RB1#99	21.62	22.68	30	PASS
				RB50#0	20.78	21.66	30	PASS
				RB50#25	20.6	21.37	30	PASS
				RB50#50	20.41	21.36	30	PASS
				RB100#0	20.43	21.36	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: RBW > emission bandwidth, VBW > 3 x RBW.

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	4.21	13	PASS
				RB1#3	4.08	13	PASS
				RB1#5	4.23	13	PASS
				RB3#0	4.48	13	PASS
				RB3#2	4.38	13	PASS
				RB3#3	4.38	13	PASS
			RB6#0	5.45	13	PASS	
			MCH	RB1#0	4.25	13	PASS
				RB1#3	4.08	13	PASS
				RB1#5	4.26	13	PASS
				RB3#0	4.54	13	PASS
				RB3#2	4.48	13	PASS
				RB3#3	4.48	13	PASS
			HCH	RB1#0	4.27	13	PASS
				RB1#3	4.06	13	PASS
				RB1#5	4.23	13	PASS
				RB3#0	4.5	13	PASS
				RB3#2	4.38	13	PASS
		RB3#3		4.43	13	PASS	
		3	LCH	RB1#0	4.2	13	PASS
				RB1#7	4.13	13	PASS
				RB1#14	4.26	13	PASS
				RB8#0	4.93	13	PASS
				RB8#4	4.82	13	PASS
				RB8#7	5.06	13	PASS
			MCH	RB15#0	5.55	13	PASS
				RB1#0	4.26	13	PASS
				RB1#7	4.18	13	PASS
				RB1#14	4.22	13	PASS
				RB8#0	5.04	13	PASS
RB8#4	5			13	PASS		
HCH	RB8#7	5.08	13	PASS			
	RB15#0	5.18	13	PASS			
	RB1#0	4.35	13	PASS			
				RB1#7	4.18	13	PASS
				RB1#14	4.16	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB8#0	5.02	13	PASS
				RB8#4	4.96	13	PASS
				RB8#7	5.1	13	PASS
				RB15#0	5.32	13	PASS
			LCH	RB1#0	4.08	13	PASS
				RB1#13	4.04	13	PASS
				RB1#24	4.2	13	PASS
				RB12#0	4.89	13	PASS
				RB12#6	4.74	13	PASS
				RB12#13	4.94	13	PASS
			MCH	RB25#0	5.24	13	PASS
				RB1#0	4.21	13	PASS
		RB1#13		4.12	13	PASS	
		RB1#24		4.15	13	PASS	
		RB12#0		4.91	13	PASS	
		RB12#6		4.8	13	PASS	
		HCH	RB12#13	4.9	13	PASS	
			RB25#0	5.22	13	PASS	
			RB1#0	4.31	13	PASS	
			RB1#13	4.13	13	PASS	
			RB1#24	4.12	13	PASS	
			RB12#0	4.94	13	PASS	
		10	LCH	RB12#6	4.78	13	PASS
				RB12#13	4.93	13	PASS
				RB25#0	5.27	13	PASS
				RB1#0	4.11	13	PASS
				RB1#25	4.2	13	PASS
				RB1#49	4.24	13	PASS
			MCH	RB25#0	4.91	13	PASS
				RB25#13	4.91	13	PASS
				RB25#25	5	13	PASS
				RB50#0	5.16	13	PASS
RB1#0	4.12			13	PASS		
RB1#25	4.09			13	PASS		
RB1#49	4.22	13	PASS				
RB25#0	4.92	13	PASS				
RB25#13	4.94	13	PASS				
RB25#25	4.94	13	PASS				
RB50#0	5.22	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.29	13	PASS
				RB1#25	4.29	13	PASS
				RB1#49	4.12	13	PASS
				RB25#0	4.92	13	PASS
				RB25#13	4.89	13	PASS
				RB25#25	4.94	13	PASS
				RB50#0	5.53	13	PASS
			LCH	RB1#0	4.03	13	PASS
				RB1#38	4.23	13	PASS
				RB1#74	4.17	13	PASS
				RB38#0	4.93	13	PASS
				RB38#19	4.9	13	PASS
				RB38#39	5.05	13	PASS
				RB75#0	5.68	13	PASS
		MCH	RB1#0	4.08	13	PASS	
			RB1#38	4.17	13	PASS	
			RB1#74	4.22	13	PASS	
			RB38#0	4.9	13	PASS	
			RB38#19	4.84	13	PASS	
			RB38#39	4.91	13	PASS	
			RB75#0	5.71	13	PASS	
		HCH	RB1#0	4.17	13	PASS	
			RB1#38	4.32	13	PASS	
			RB1#74	4.14	13	PASS	
			RB38#0	4.94	13	PASS	
			RB38#19	4.93	13	PASS	
			RB38#39	4.99	13	PASS	
			RB75#0	5.73	13	PASS	
		20	LCH	RB1#0	4.16	13	PASS
				RB1#50	4.31	13	PASS
RB1#99	4.26			13	PASS		
RB50#0	4.87			13	PASS		
RB50#25	4.92			13	PASS		
RB50#50	5.01			13	PASS		
MCH	RB100#0		5.14	13	PASS		
	RB1#0		4.17	13	PASS		
	RB1#50		4	13	PASS		
	RB1#99		4.32	13	PASS		
	RB50#0		4.92	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#25	4.85	13	PASS	
				RB50#50	4.91	13	PASS	
				RB100#0	5.78	13	PASS	
			HCH	RB1#0	4.23	13	PASS	
				RB1#50	4.29	13	PASS	
				RB1#99	4.27	13	PASS	
				RB50#0	4.94	13	PASS	
				RB50#25	4.92	13	PASS	
				RB50#50	5.04	13	PASS	
				RB100#0	5.3	13	PASS	
				LCH	RB1#0	5.07	13	PASS
					RB1#3	4.92	13	PASS
			RB1#5		4.94	13	PASS	
			RB3#0		5.3	13	PASS	
			RB3#2		5.33	13	PASS	
			RB3#3		5.45	13	PASS	
			RB6#0		6.11	13	PASS	
			MCH	RB1#0	5.08	13	PASS	
	RB1#3	4.84		13	PASS			
	RB1#5	4.88		13	PASS			
	RB3#0	5.33		13	PASS			
	RB3#2	5.26		13	PASS			
	RB3#3	5.27		13	PASS			
	RB6#0	5.96		13	PASS			
	HCH	RB1#0	5.06	13	PASS			
		RB1#3	4.77	13	PASS			
		RB1#5	4.84	13	PASS			
		RB3#0	5.36	13	PASS			
		RB3#2	5.2	13	PASS			
		RB3#3	5.38	13	PASS			
		RB6#0	6.07	13	PASS			
	3	LCH	RB1#0	5.09	13	PASS		
			RB1#7	4.89	13	PASS		
RB1#14			5.15	13	PASS			
RB8#0			5.94	13	PASS			
RB8#4			5.8	13	PASS			
RB8#7			5.88	13	PASS			
RB15#0			6.42	13	PASS			
MCH		RB1#0	5.06	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	4.86	13	PASS
				RB1#14	5.13	13	PASS
				RB8#0	5.81	13	PASS
				RB8#4	5.68	13	PASS
				RB8#7	5.79	13	PASS
				RB15#0	6.34	13	PASS
			HCH	RB1#0	5.06	13	PASS
				RB1#7	4.91	13	PASS
				RB1#14	5.03	13	PASS
				RB8#0	5.77	13	PASS
				RB8#4	5.66	13	PASS
				RB8#7	5.74	13	PASS
		5	LCH	RB1#0	5.31	13	PASS
				RB1#13	5.38	13	PASS
				RB1#24	5.46	13	PASS
				RB12#0	5.79	13	PASS
				RB12#6	5.68	13	PASS
				RB12#13	5.85	13	PASS
			MCH	RB25#0	6.26	13	PASS
				RB1#0	5.29	13	PASS
				RB1#13	5.34	13	PASS
				RB1#24	5.39	13	PASS
				RB12#0	5.82	13	PASS
				RB12#6	5.71	13	PASS
		HCH	RB12#13	5.86	13	PASS	
			RB25#0	6.32	13	PASS	
			RB1#0	5.47	13	PASS	
			RB1#13	5.38	13	PASS	
			RB1#24	5.31	13	PASS	
			RB12#0	5.85	13	PASS	
			RB12#6	5.73	13	PASS	
		10	LCH	RB12#13	5.82	13	PASS
				RB25#0	6.17	13	PASS
RB1#0	5.23			13	PASS		
RB1#25	5.23			13	PASS		
RB1#49	5.14			13	PASS		
RB25#0	5.94	13	PASS				
RB25#13	5.8	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	5.97	13	PASS
				RB50#0	6.82	13	PASS
			MCH	RB1#0	5.2	13	PASS
				RB1#25	5.11	13	PASS
				RB1#49	5.03	13	PASS
				RB25#0	5.97	13	PASS
				RB25#13	5.83	13	PASS
				RB25#25	6	13	PASS
			RB50#0	6.23	13	PASS	
			HCH	RB1#0	5.41	13	PASS
				RB1#25	4.98	13	PASS
				RB1#49	4.93	13	PASS
				RB25#0	5.93	13	PASS
				RB25#13	5.82	13	PASS
		RB25#25		5.99	13	PASS	
		RB50#0	6.96	13	PASS		
		15	LCH	RB1#0	5.07	13	PASS
				RB1#38	5.28	13	PASS
				RB1#74	5.35	13	PASS
				RB38#0	5.88	13	PASS
				RB38#19	5.87	13	PASS
				RB38#39	6.02	13	PASS
				RB75#0	6.5	13	PASS
			MCH	RB1#0	5.32	13	PASS
				RB1#38	5.41	13	PASS
				RB1#74	5.41	13	PASS
				RB38#0	5.93	13	PASS
				RB38#19	5.85	13	PASS
				RB38#39	5.92	13	PASS
				RB75#0	6.47	13	PASS
		HCH	RB1#0	5.38	13	PASS	
			RB1#38	5.55	13	PASS	
			RB1#74	5.39	13	PASS	
RB38#0	5.94		13	PASS			
RB38#19	5.87		13	PASS			
RB38#39	6.01		13	PASS			
RB75#0	6.54		13	PASS			
20	LCH	RB1#0	4.45	13	PASS		
		RB1#50	4.66	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.93	13	PASS
				RB50#0	5.84	13	PASS
				RB50#25	5.84	13	PASS
				RB50#50	5.89	13	PASS
				RB100#0	6.5	13	PASS
			MCH	RB1#0	4.91	13	PASS
				RB1#50	4.88	13	PASS
				RB1#99	5	13	PASS
				RB50#0	5.85	13	PASS
				RB50#25	5.82	13	PASS
				RB50#50	5.86	13	PASS
				RB100#0	6.62	13	PASS
			HCH	RB1#0	4.9	13	PASS
				RB1#50	4.96	13	PASS
				RB1#99	5.01	13	PASS
				RB50#0	5.91	13	PASS
				RB50#25	5.78	13	PASS
				RB50#50	5.94	13	PASS
				RB100#0	6.55	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

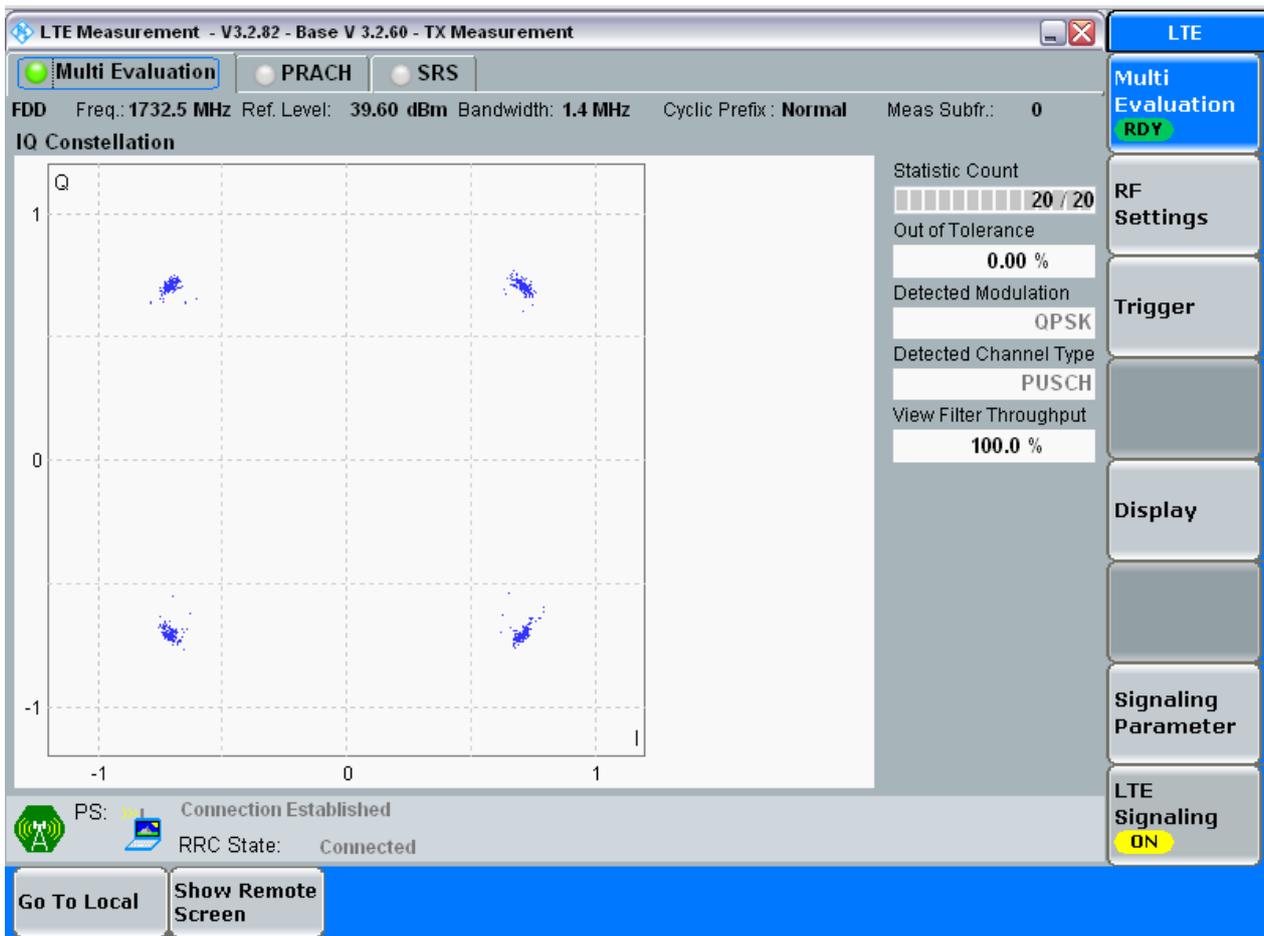
3.1.1 Test Band = BAND4

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

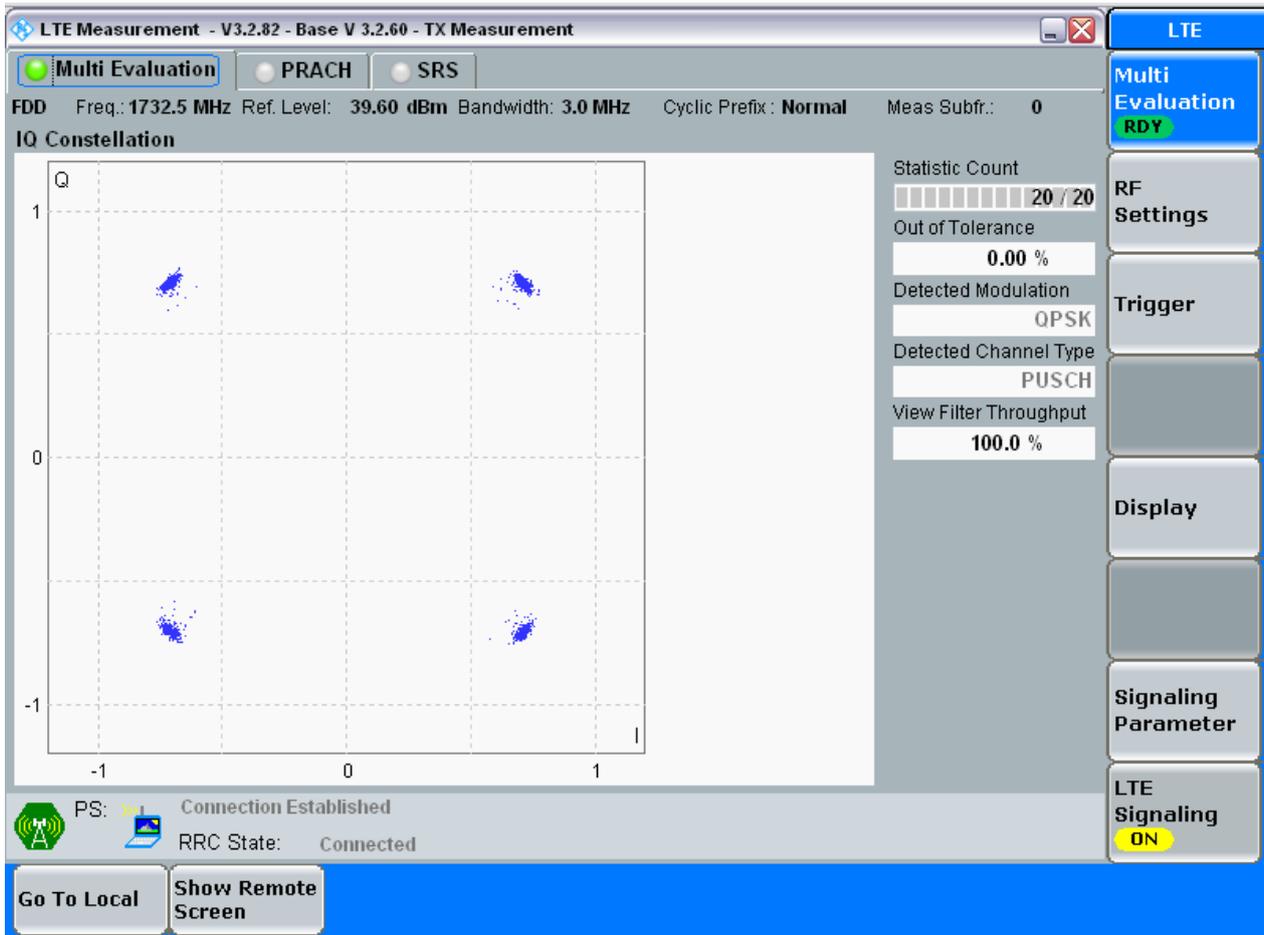
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

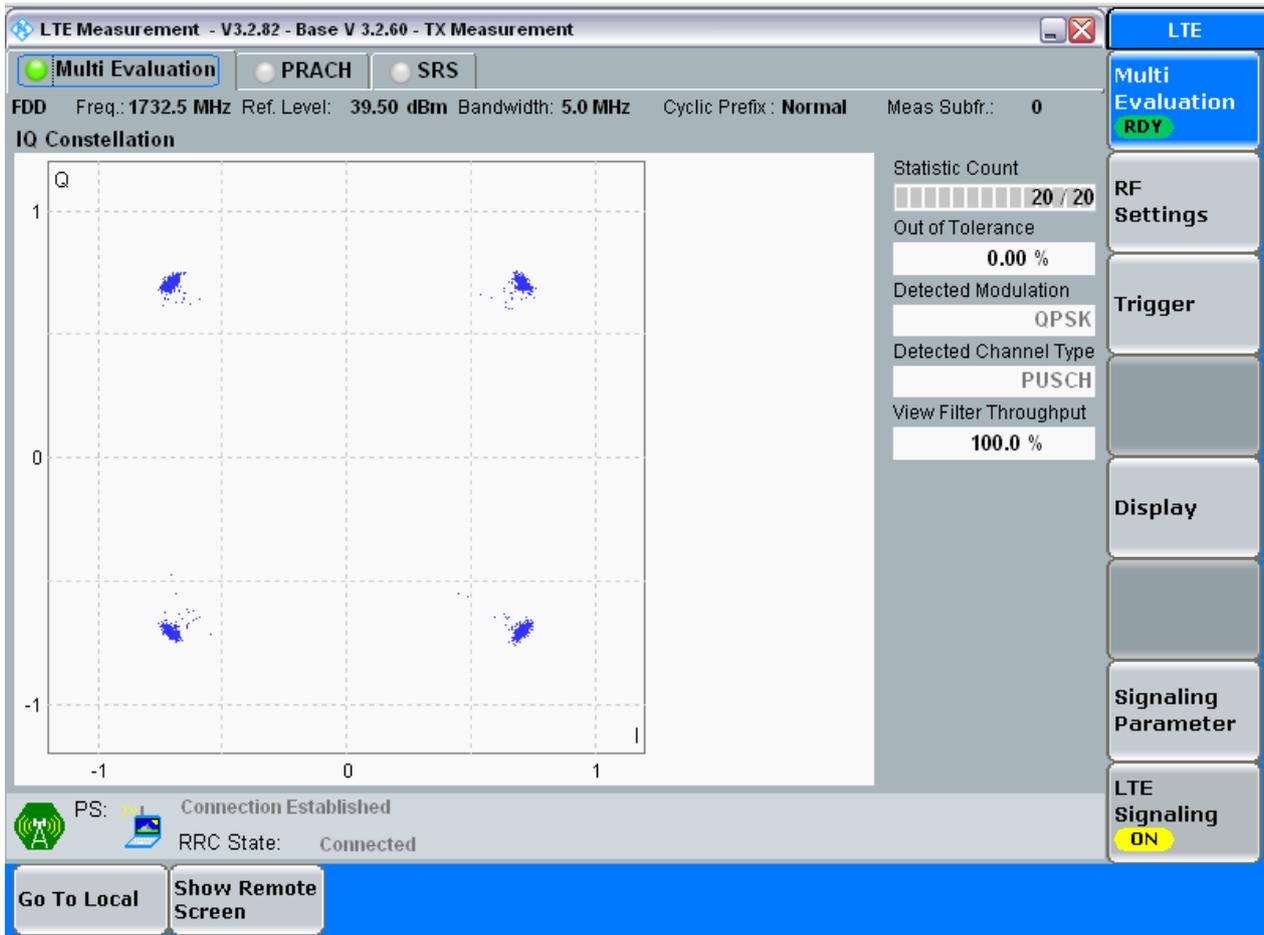
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

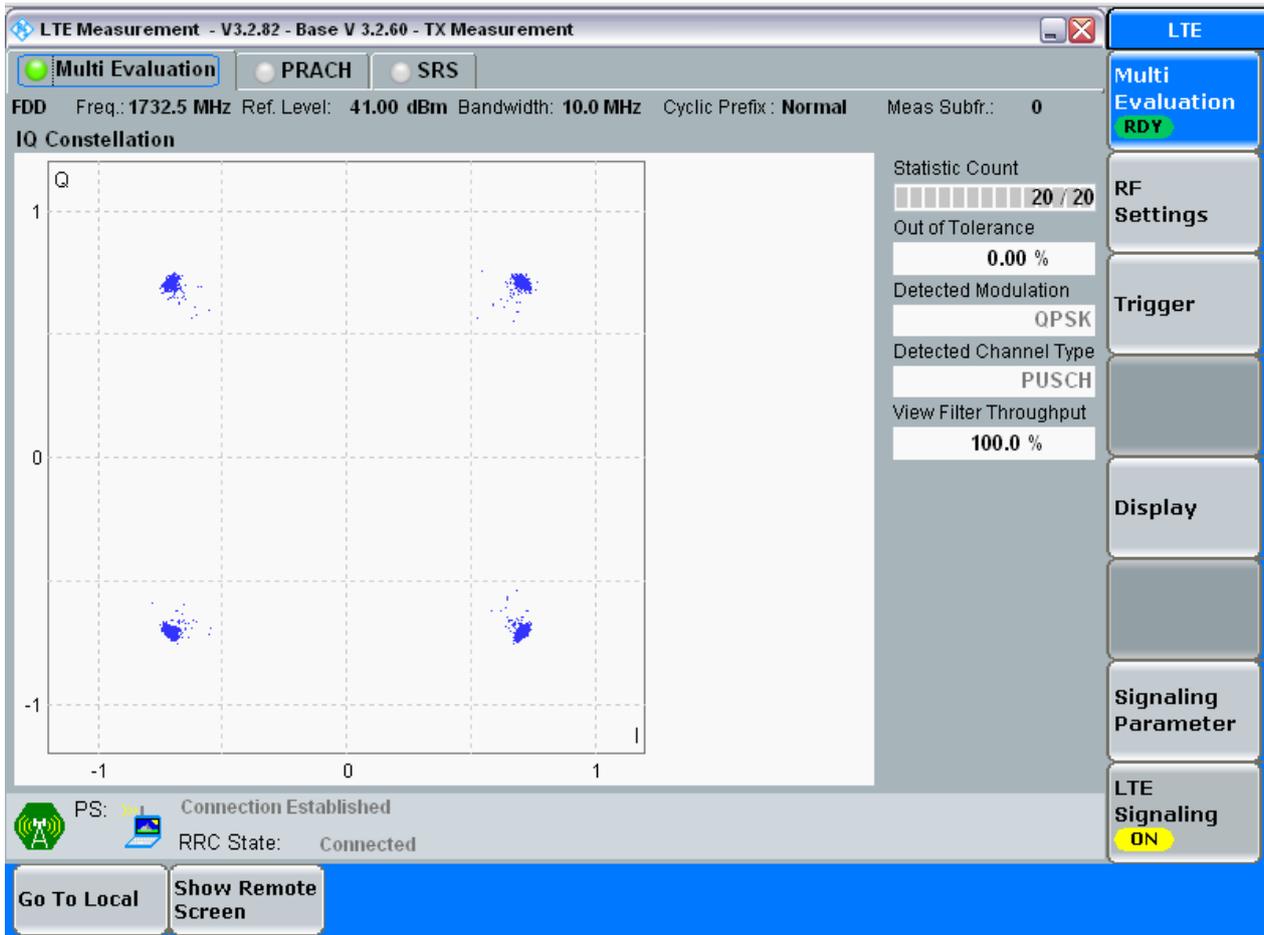
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

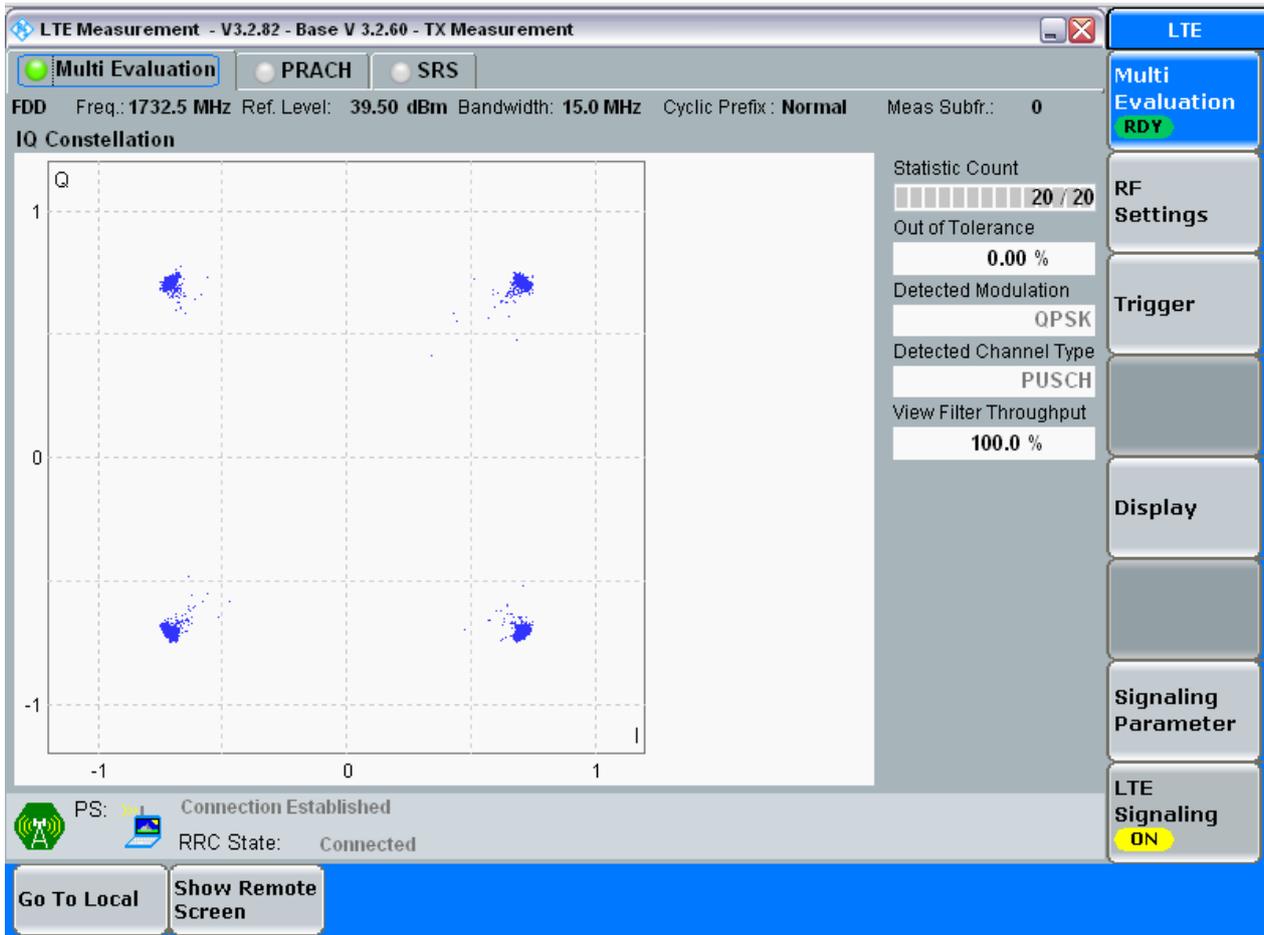
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

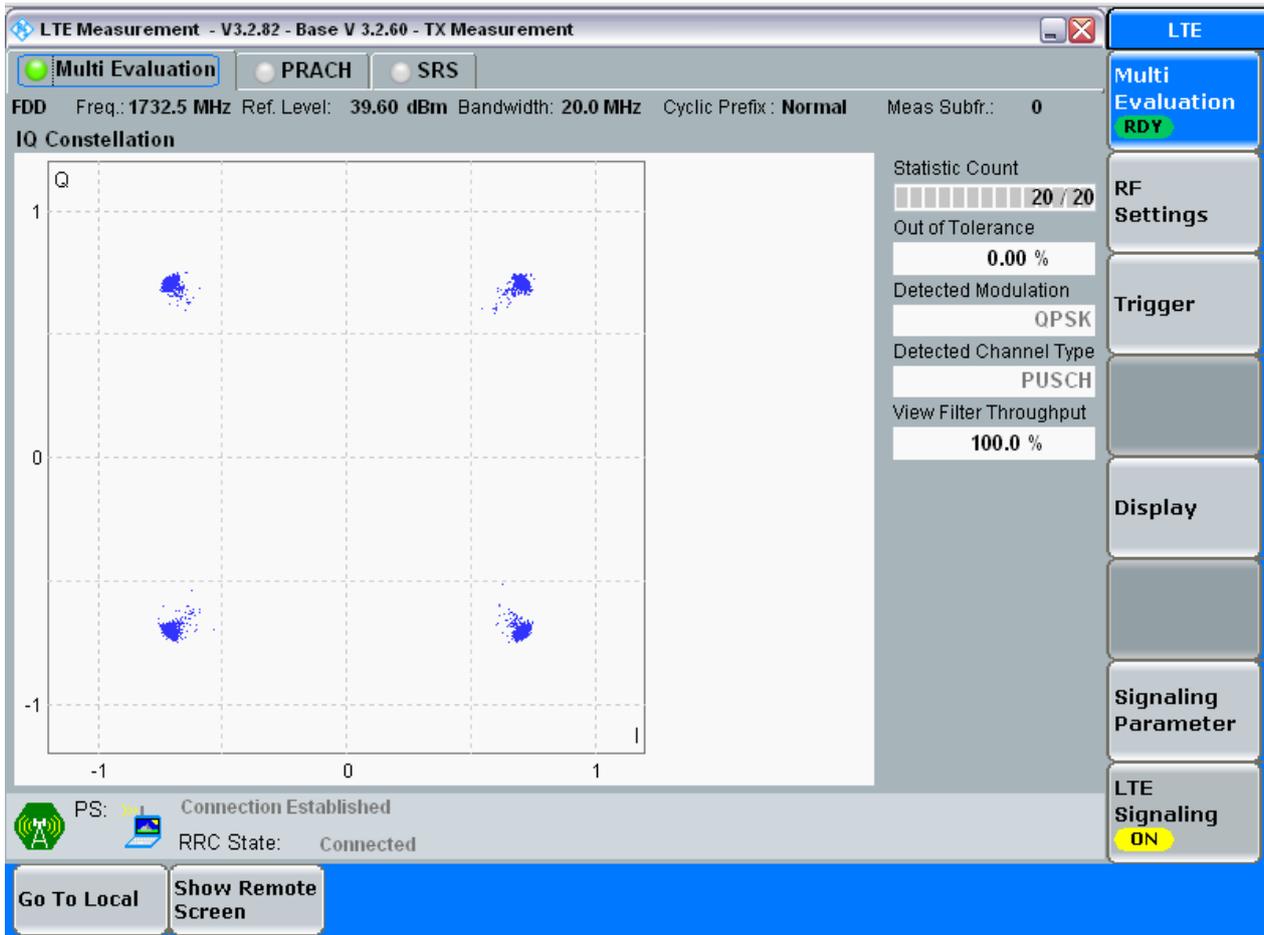
3.1.1.1.5.1.1 Test RB = RB75#0



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

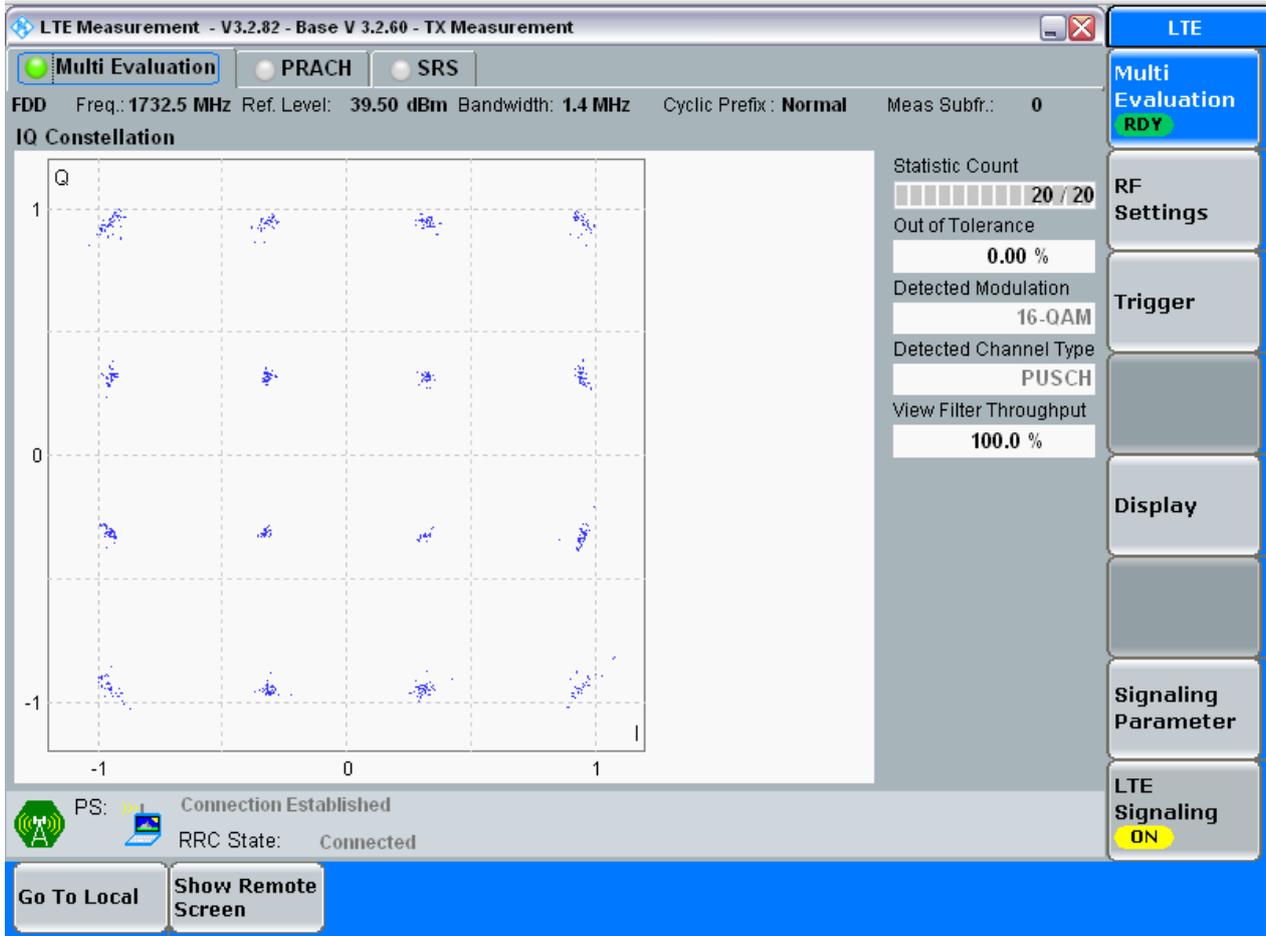


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

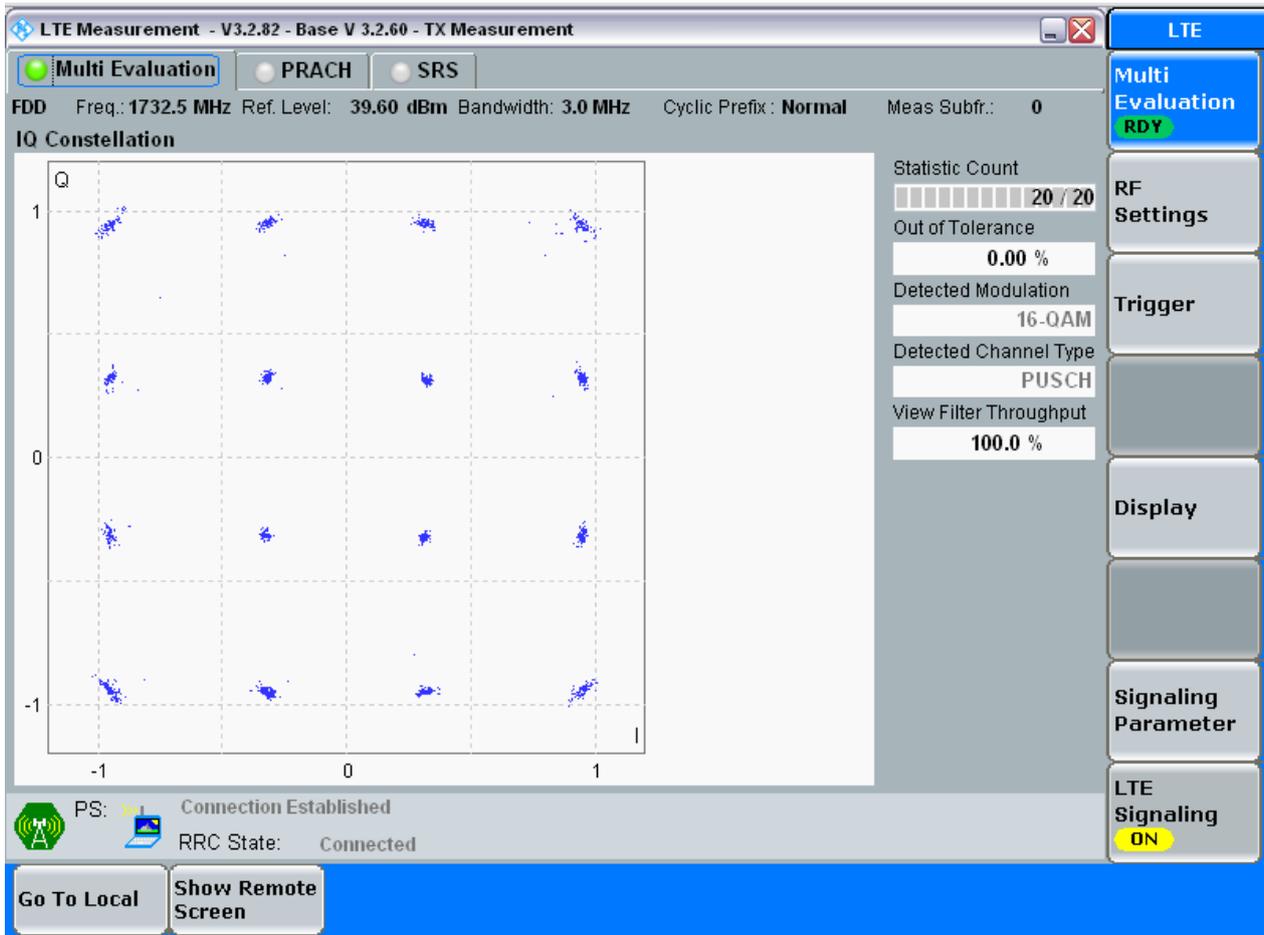
3.1.1.2.1.1.1 Test RB = RB#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

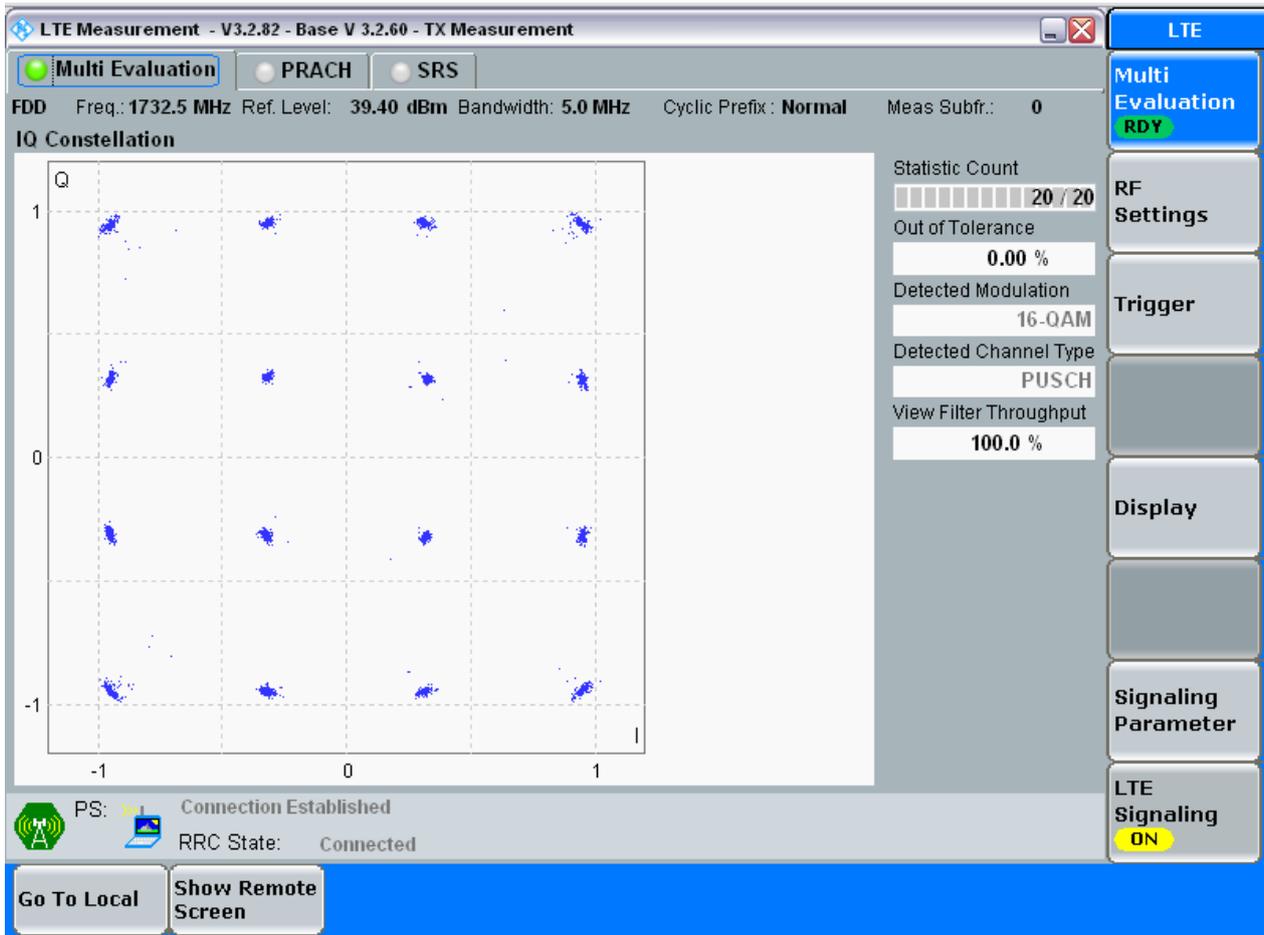
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

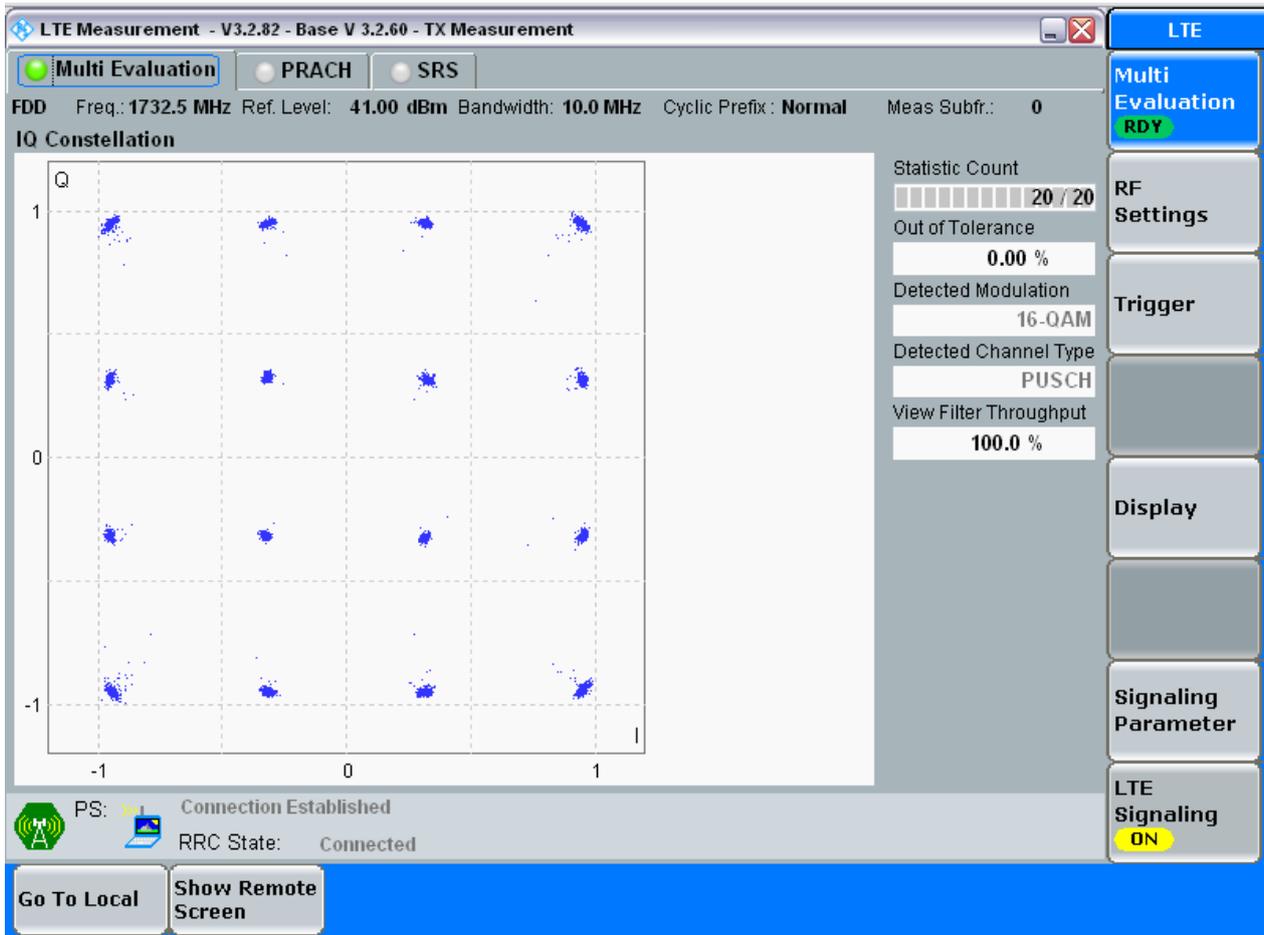
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

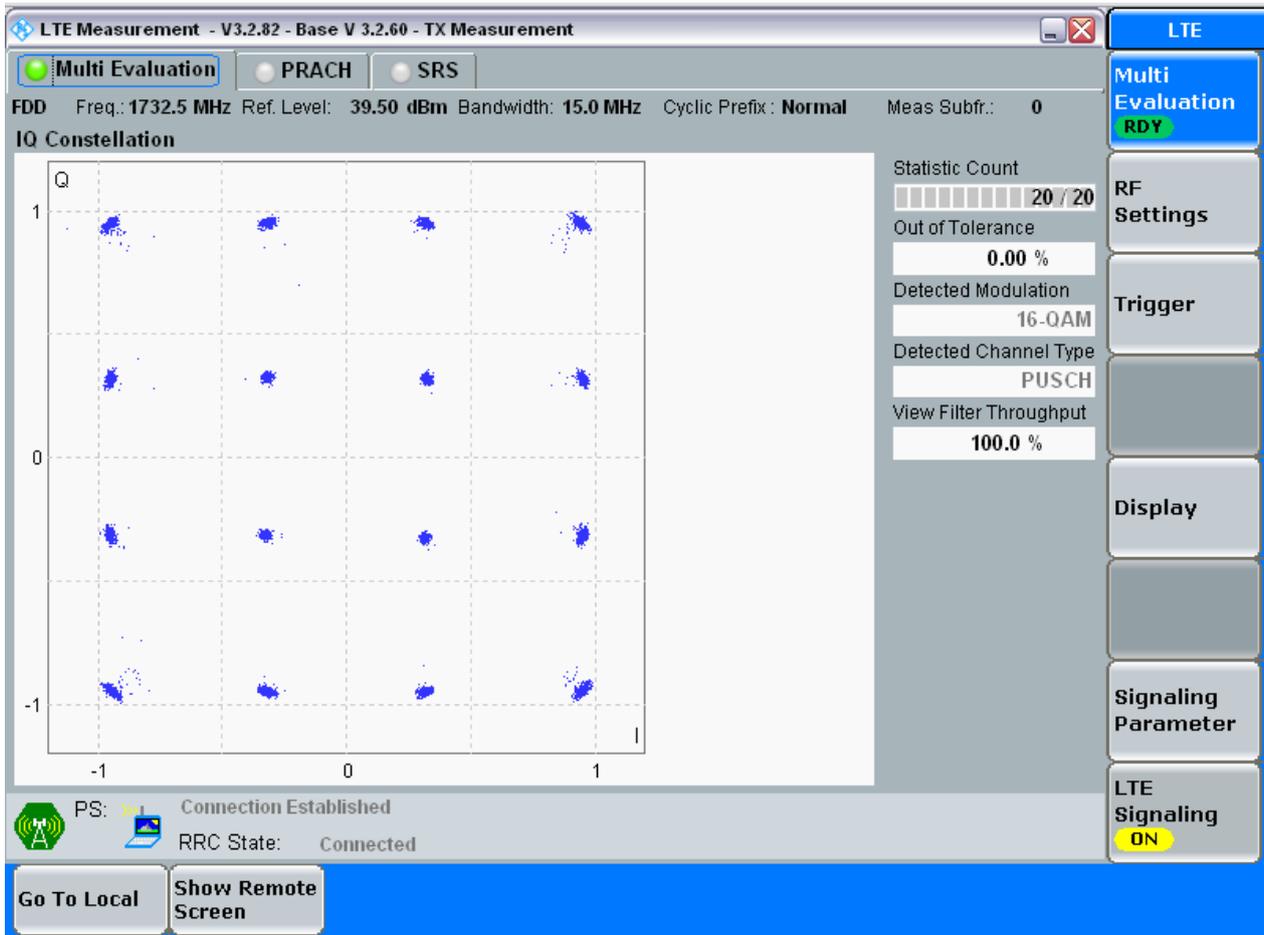
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

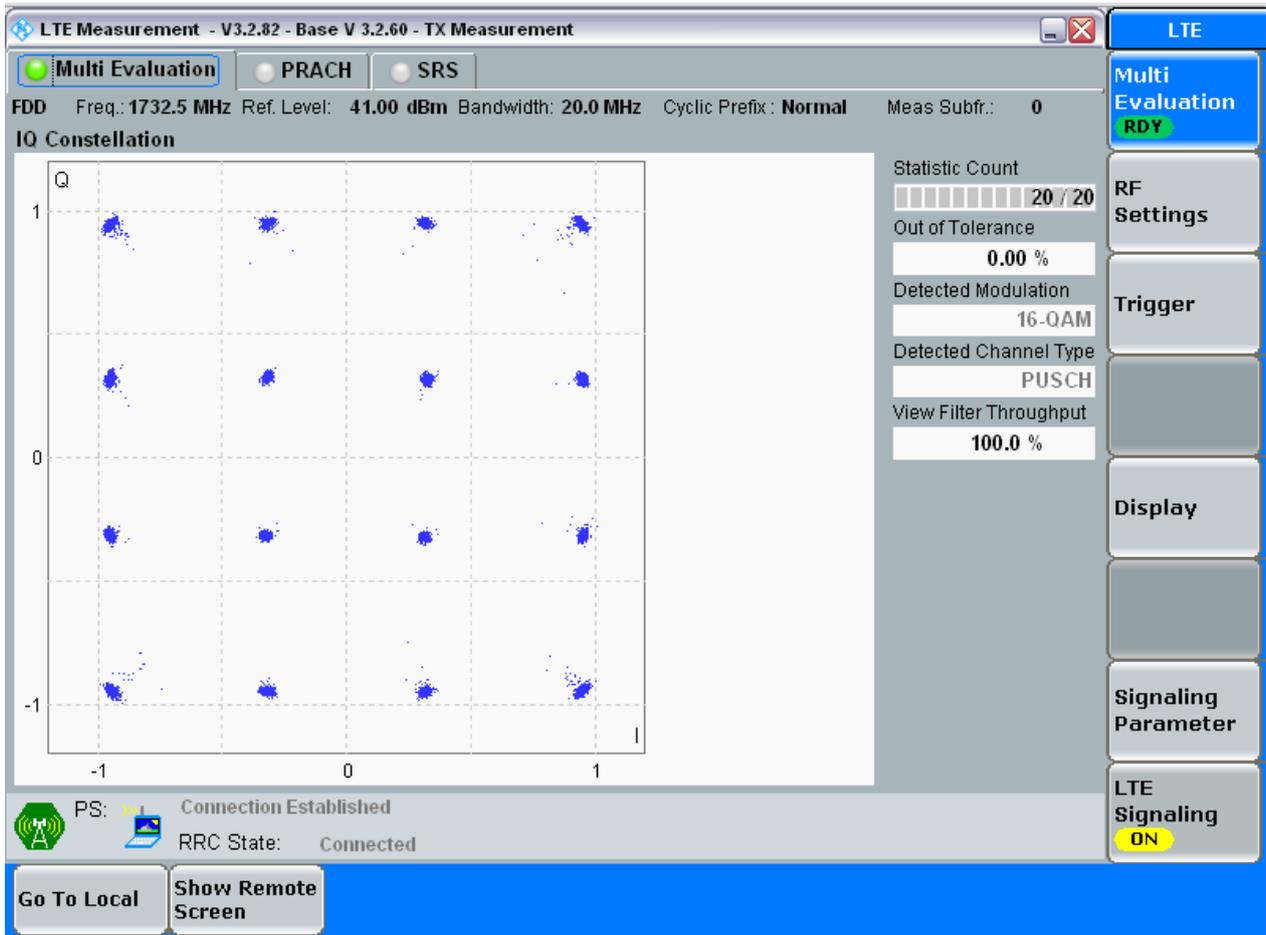
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.28	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.96	Pass
		5	LCH	RB25#0	4.51	4.89	Pass
			MCH	RB25#0	4.50	4.92	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	9.00	9.62	Pass
			MCH	RB50#0	9.01	9.63	Pass
			HCH	RB50#0	9.00	9.65	Pass
		15	LCH	RB75#0	13.47	14.32	Pass
			MCH	RB75#0	13.48	14.31	Pass
			HCH	RB75#0	13.48	14.34	Pass
		20	LCH	RB100#0	17.93	19.00	Pass
			MCH	RB100#0	17.95	18.97	Pass
			HCH	RB100#0	17.95	18.98	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.27	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.70	2.95	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.71	2.95	Pass
		5	LCH	RB25#0	4.51	4.91	Pass
			MCH	RB25#0	4.50	4.89	Pass
			HCH	RB25#0	4.51	4.84	Pass
		10	LCH	RB50#0	8.99	9.68	Pass
			MCH	RB50#0	8.98	9.61	Pass
			HCH	RB50#0	9.00	9.60	Pass
		15	LCH	RB75#0	13.48	14.30	Pass
			MCH	RB75#0	13.48	14.38	Pass
			HCH	RB75#0	13.48	14.29	Pass
		20	LCH	RB100#0	17.94	18.98	Pass
			MCH	RB100#0	17.96	18.98	Pass
			HCH	RB100#0	17.96	19.01	Pass



Part II - Test Plots

4.1 For LTE

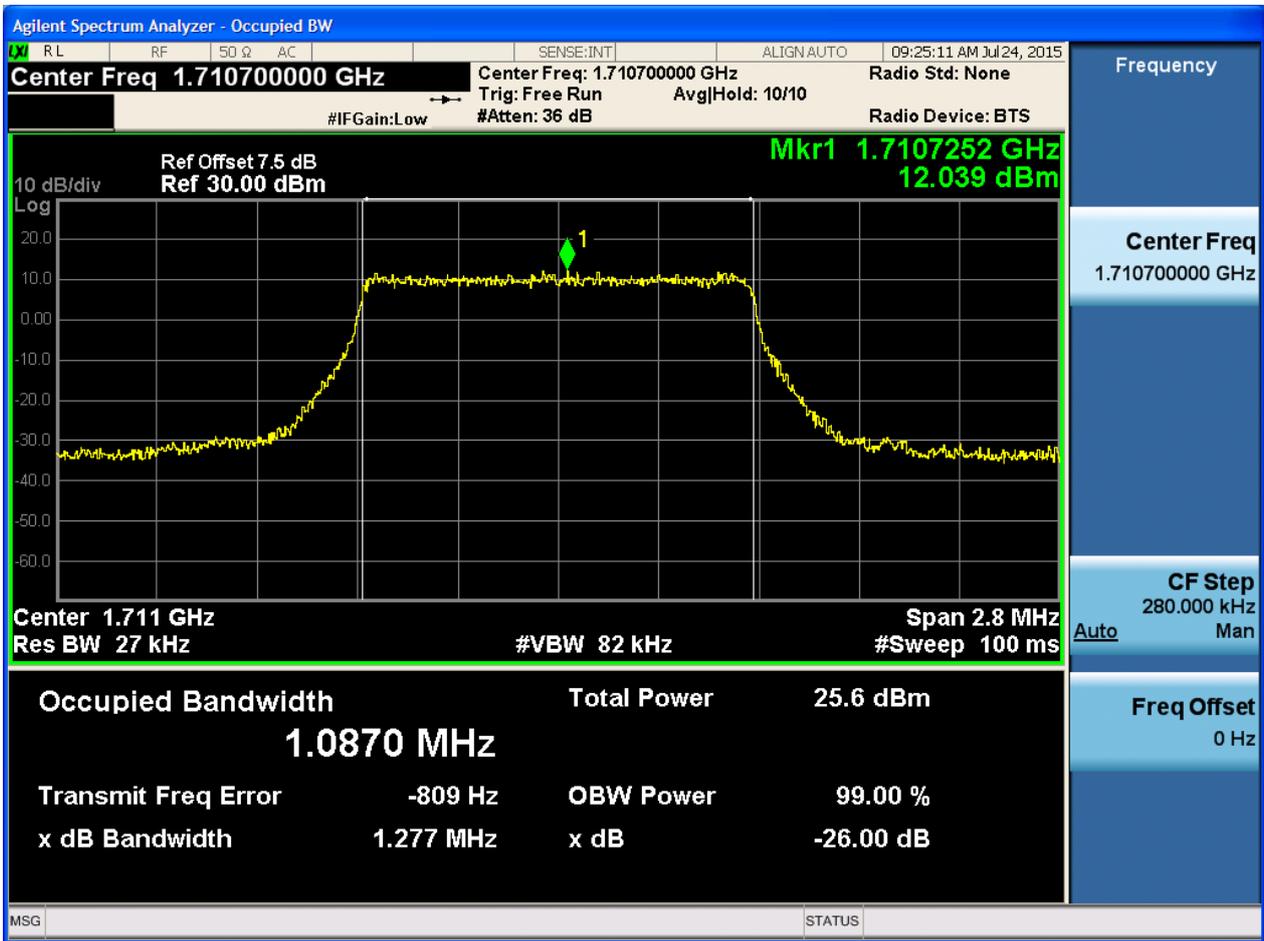
4.1.1 Test Band = BAND4

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

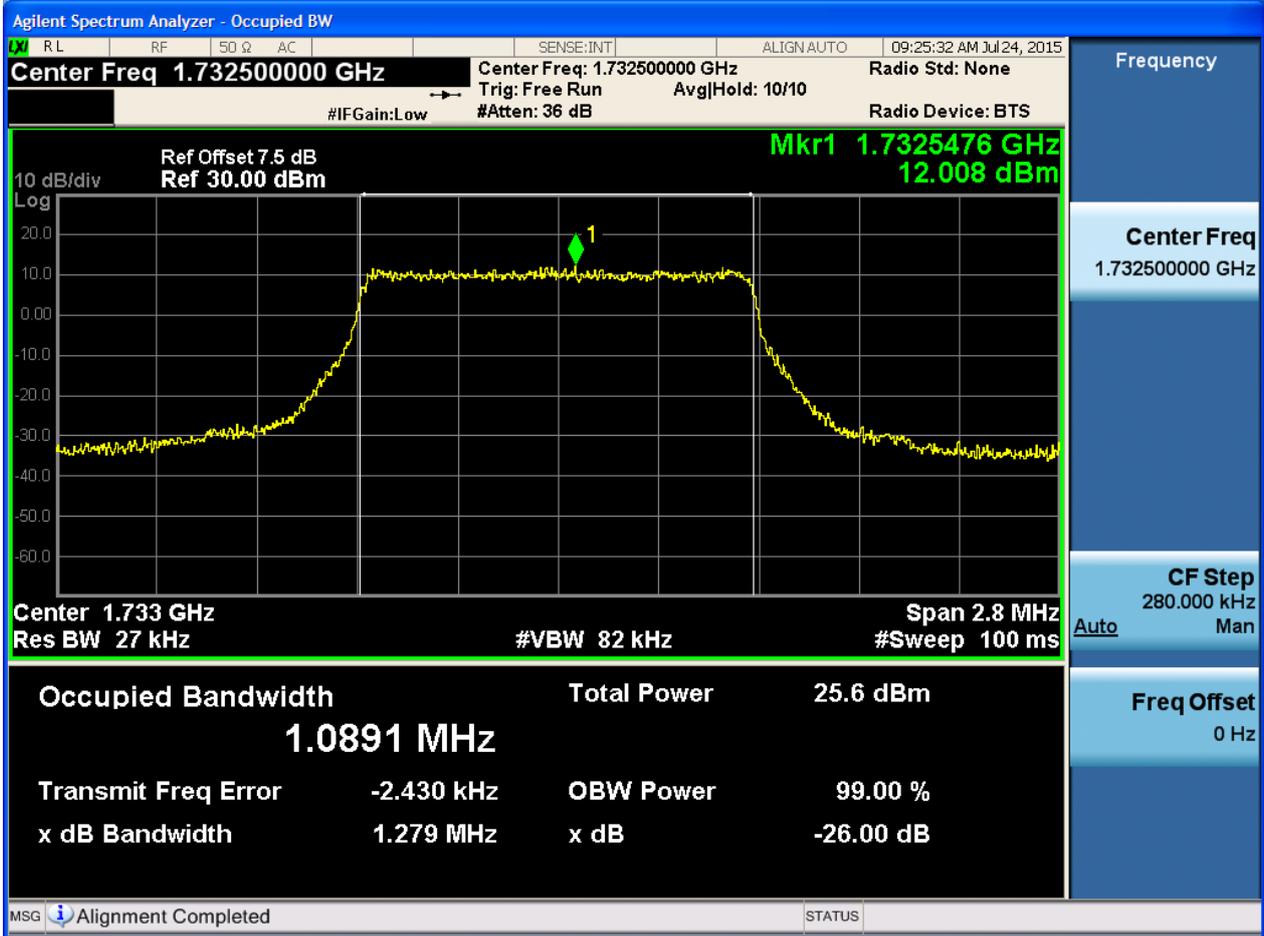
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

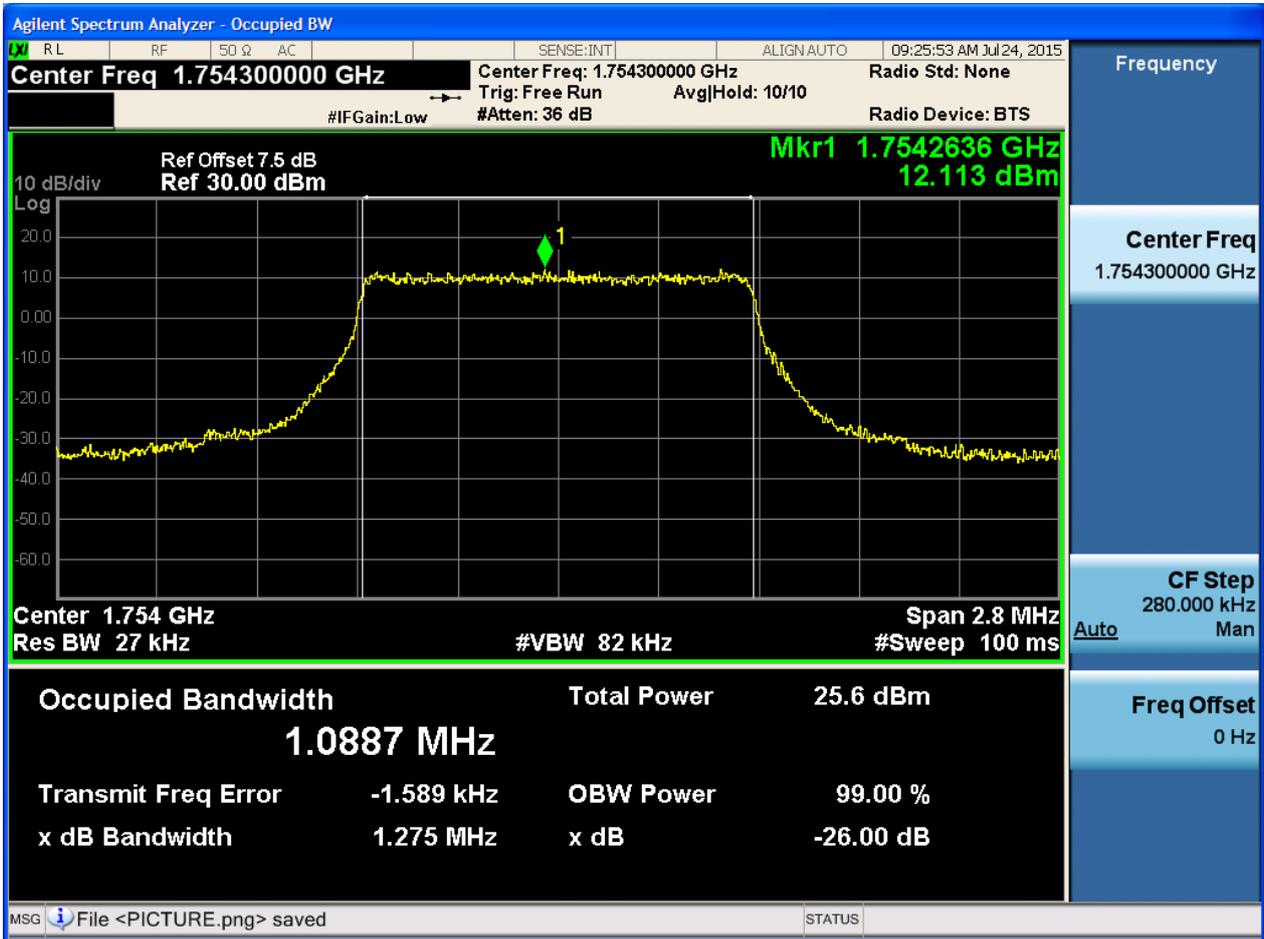
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

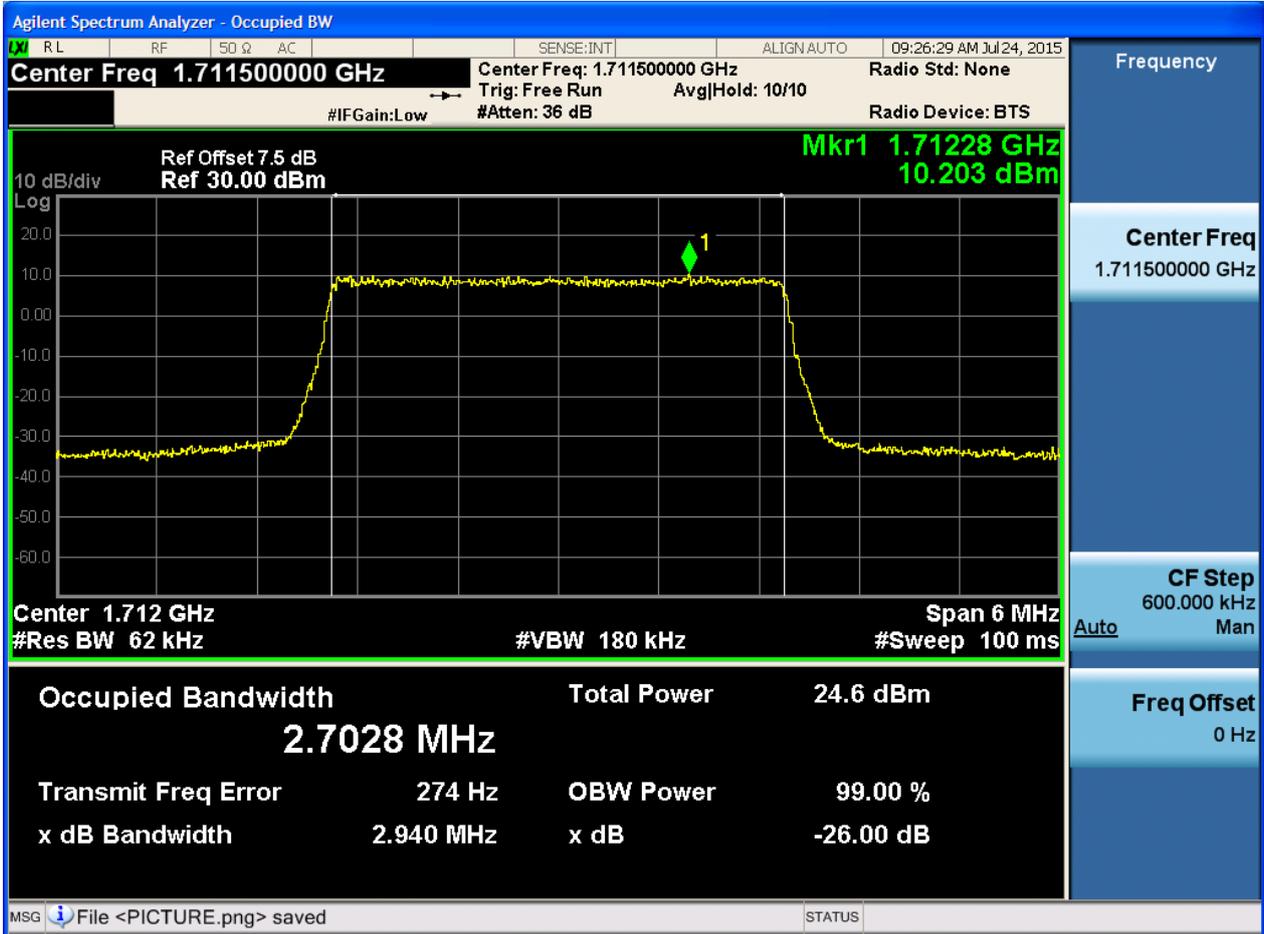




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

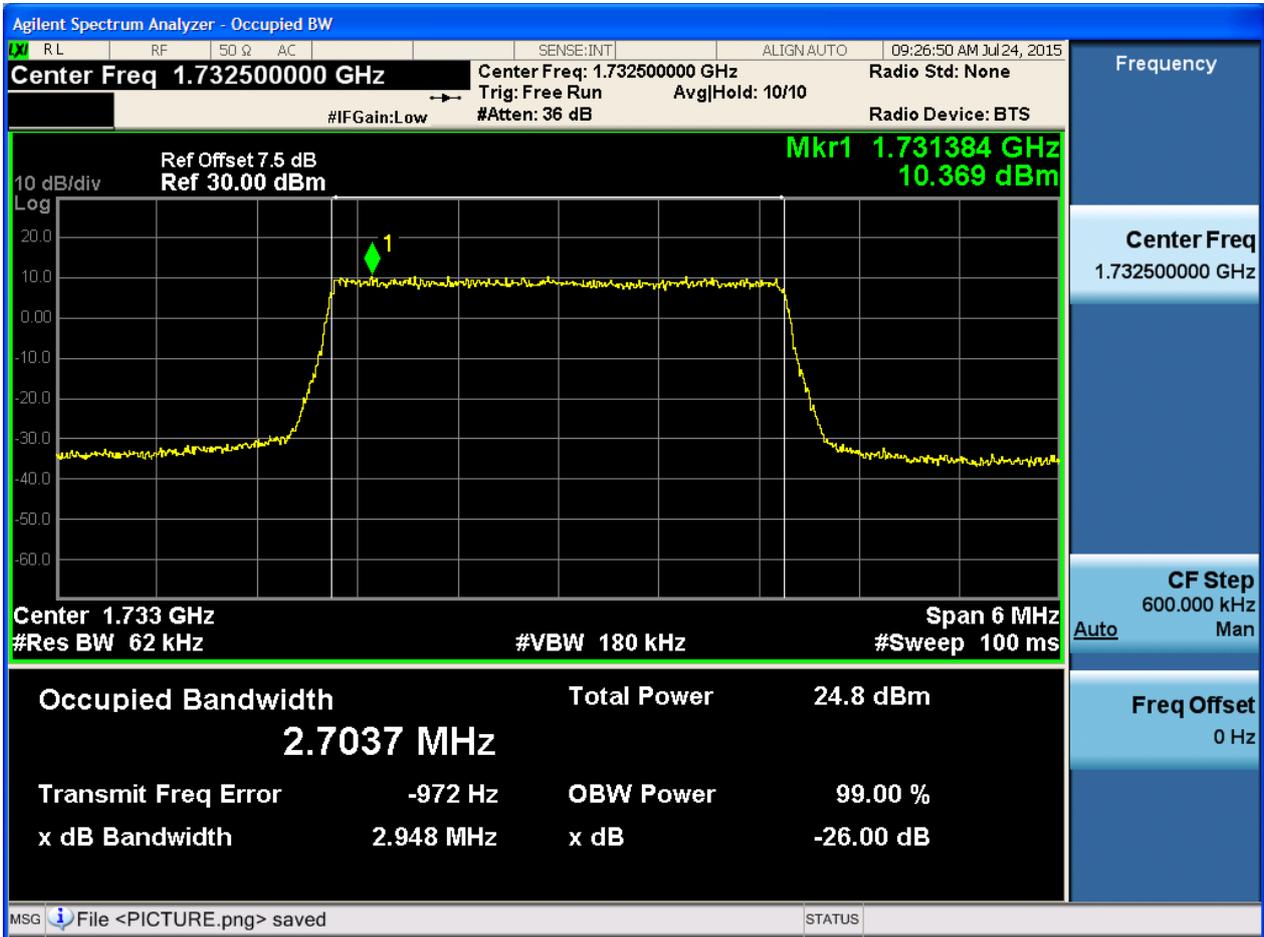
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

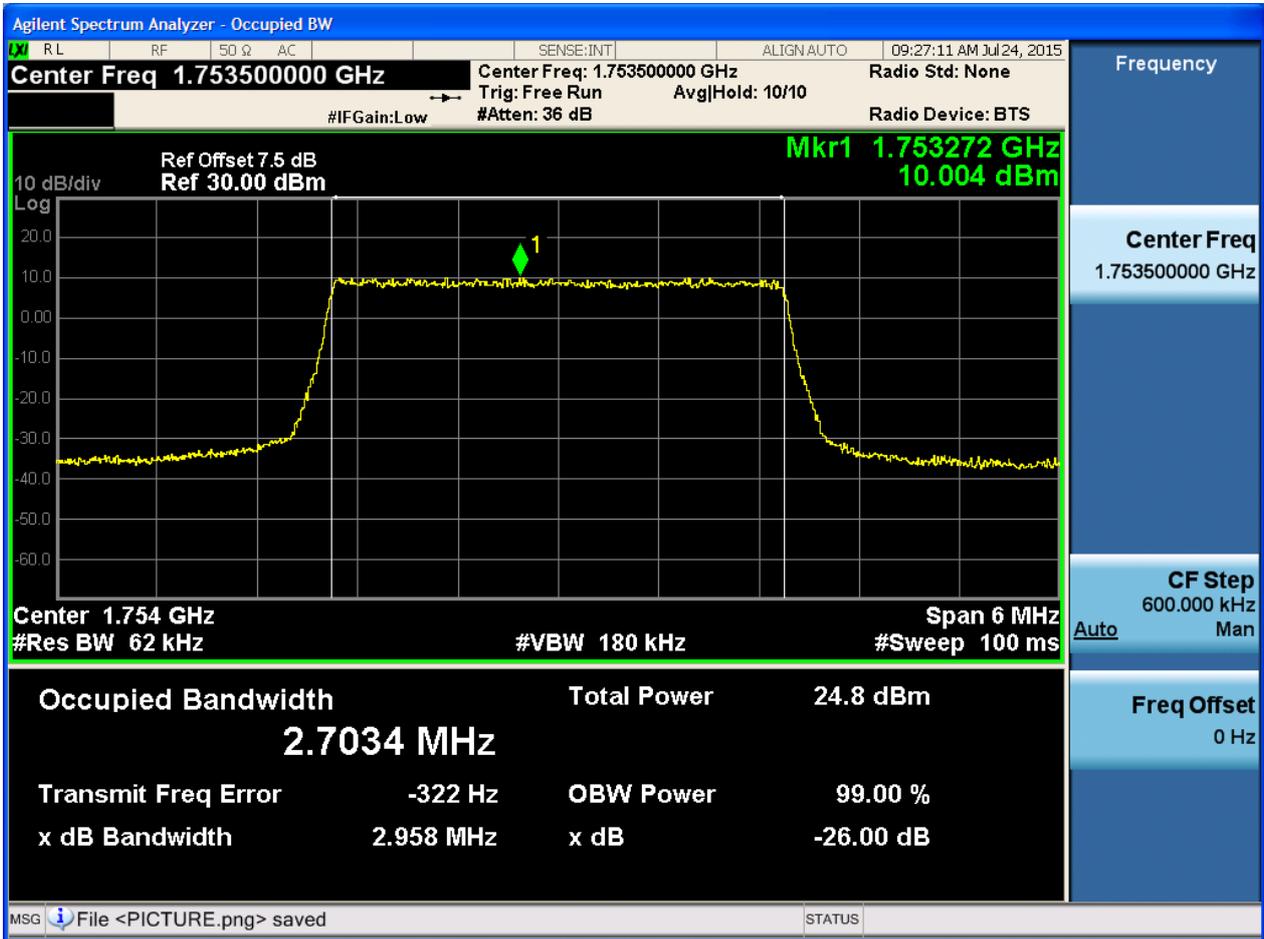
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

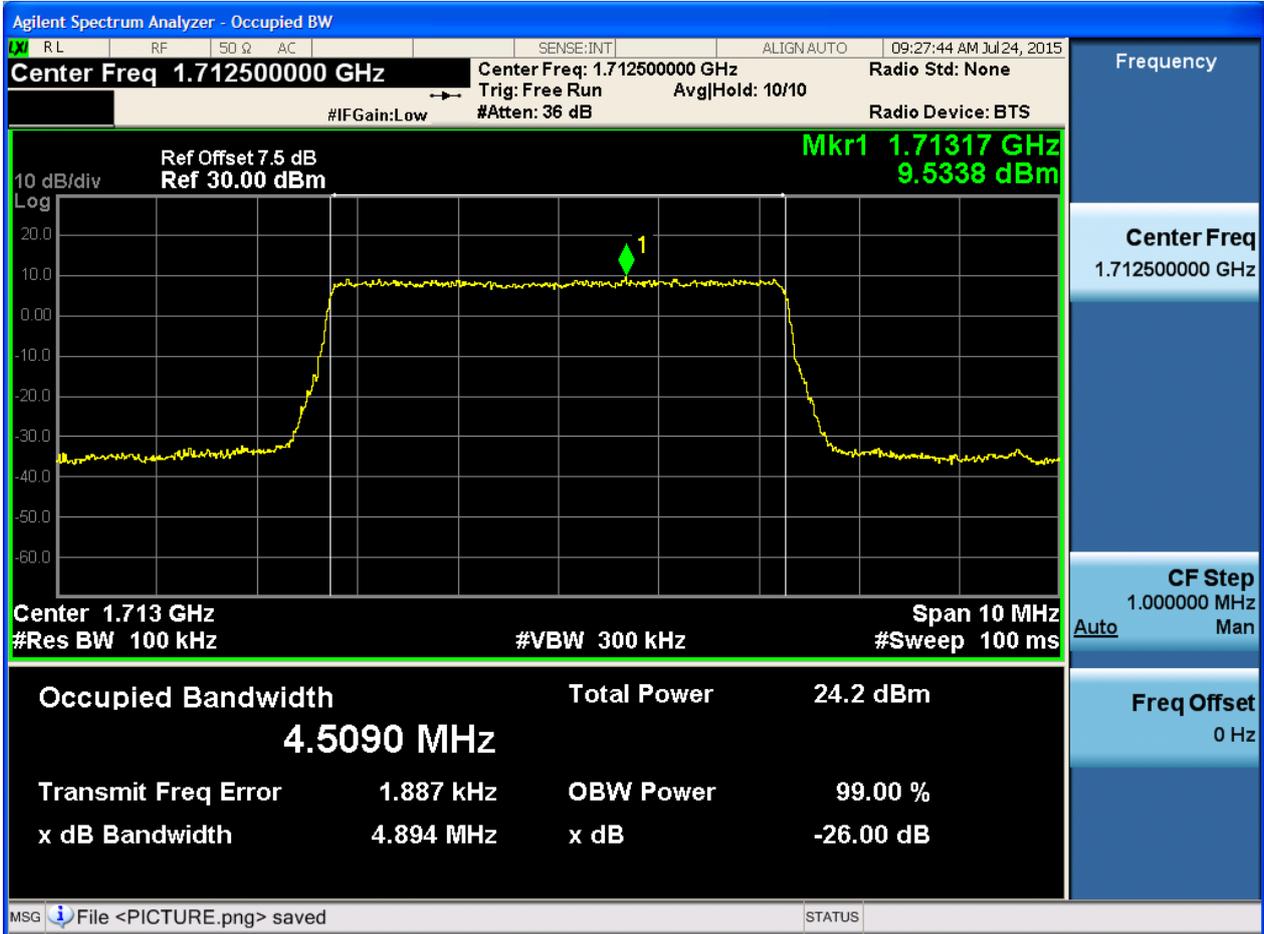




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

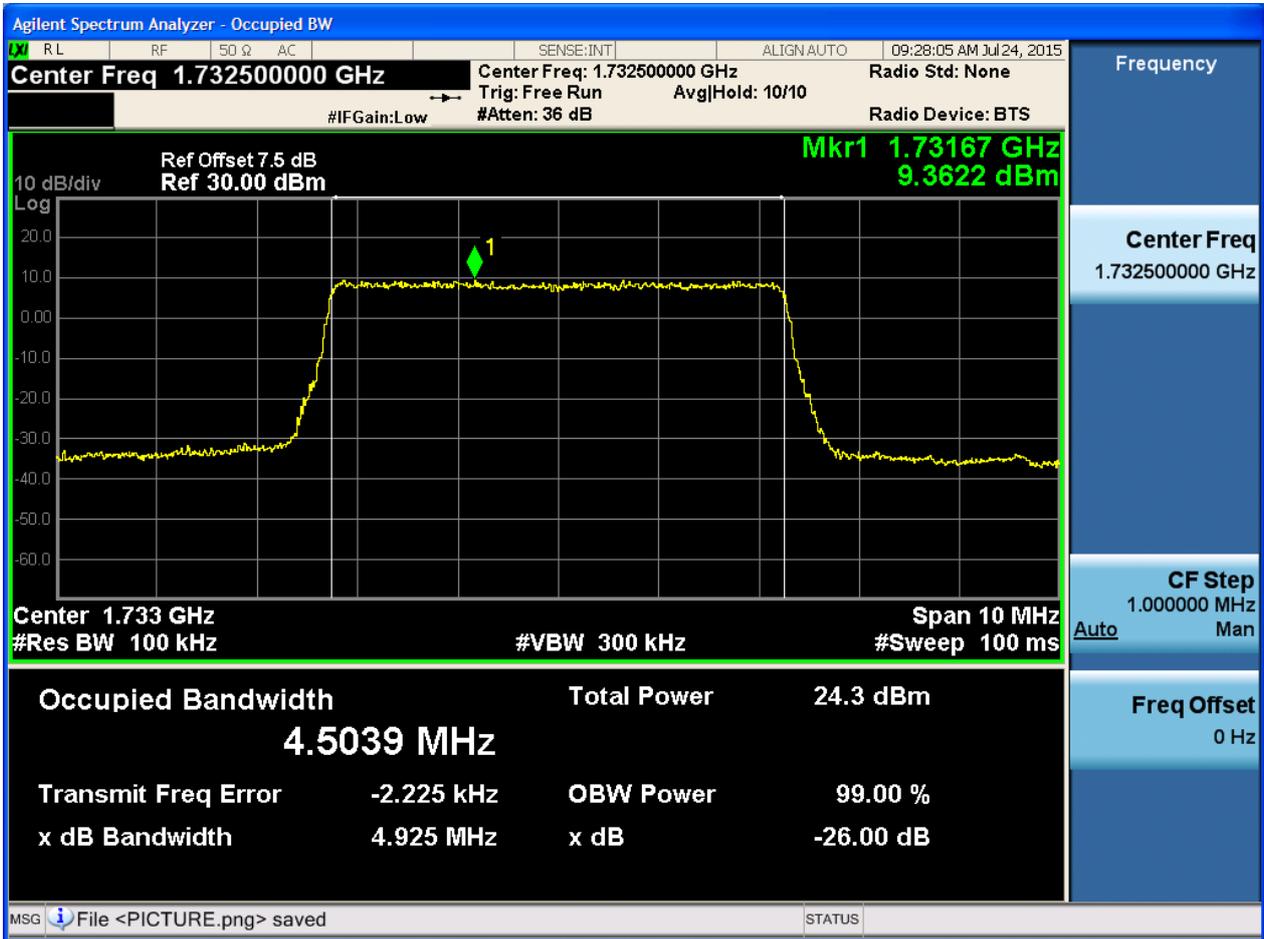
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

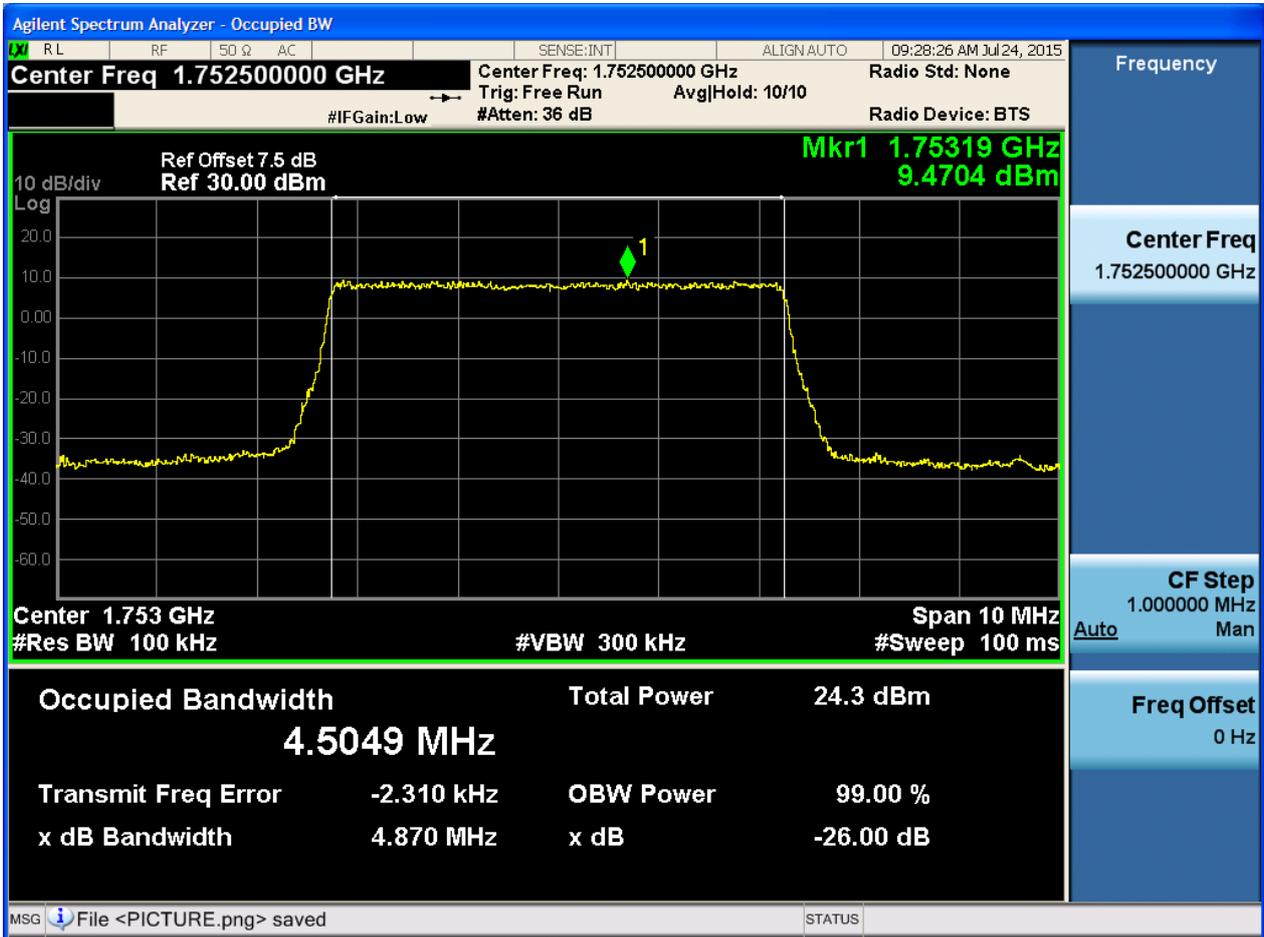
4.1.1.1.3.2.1 Test RB = RB25#0





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

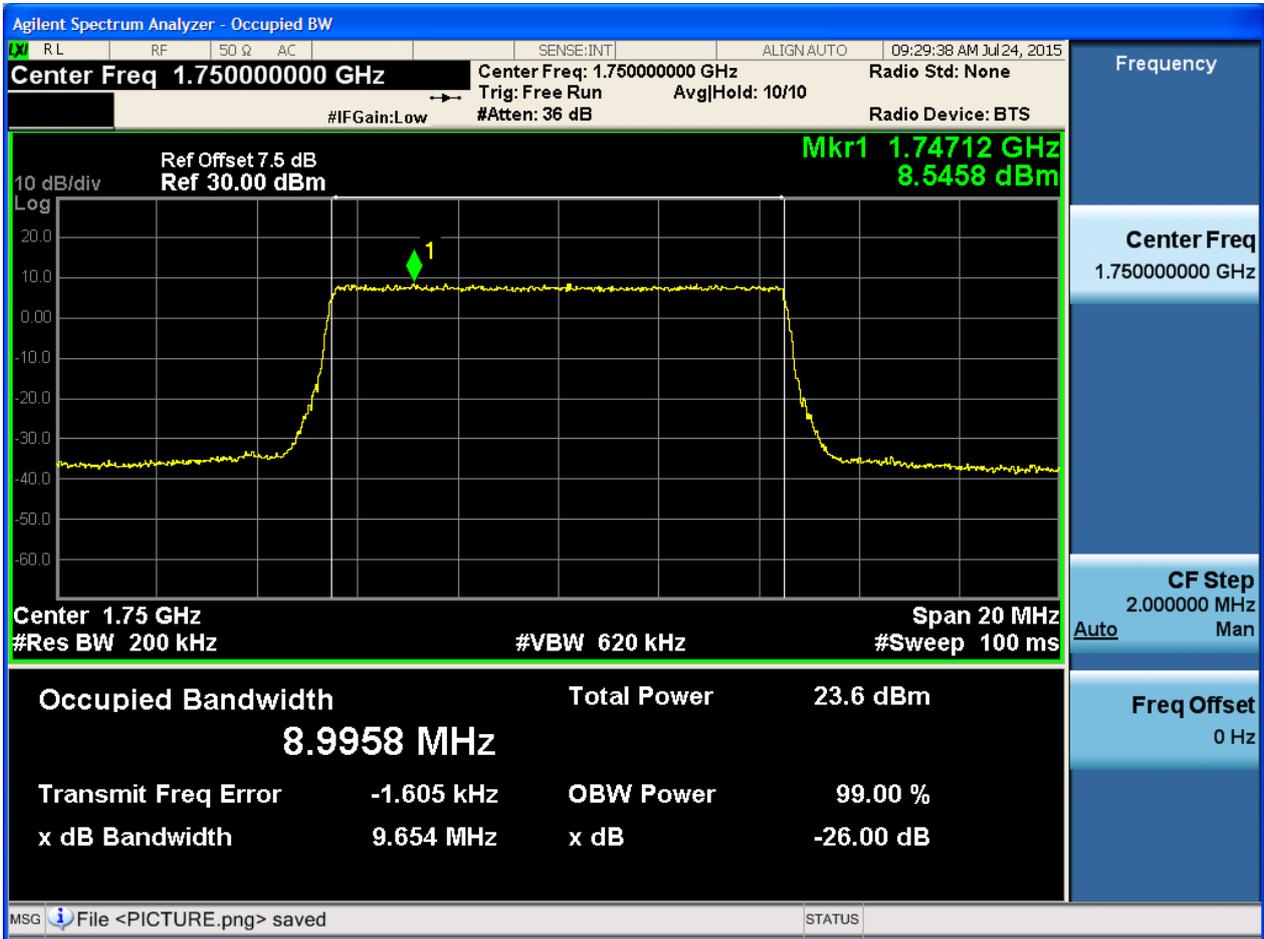
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

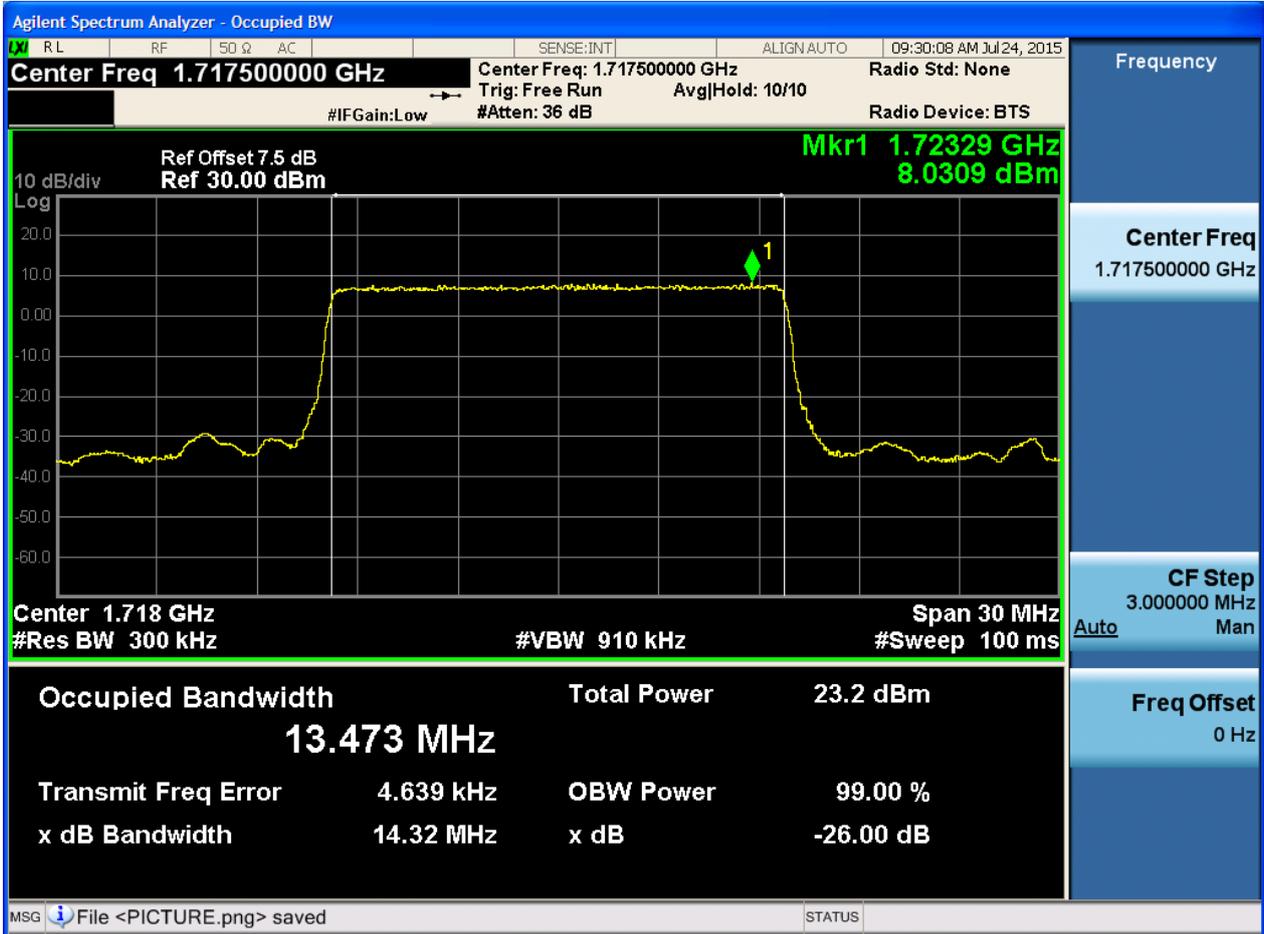




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

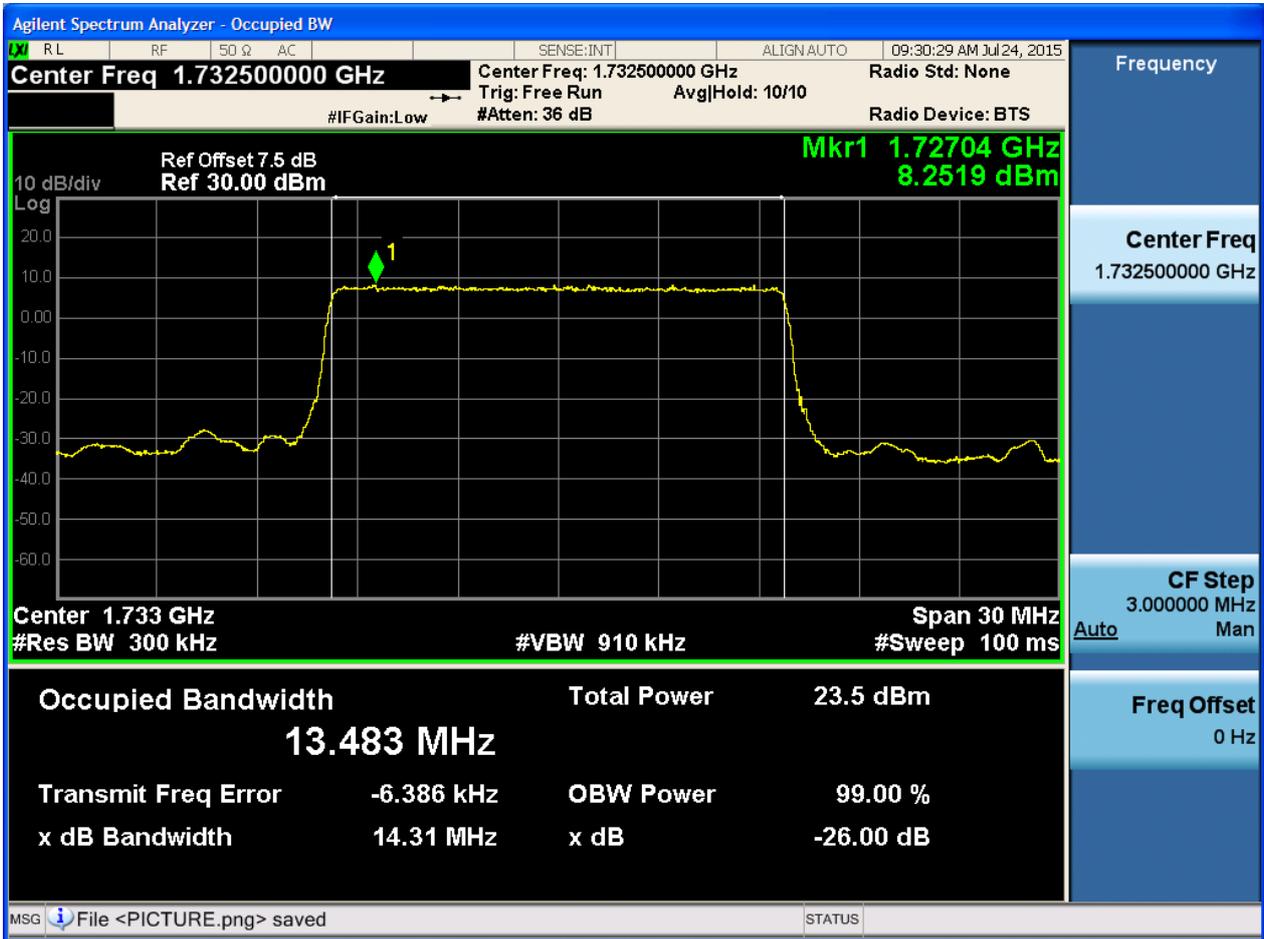
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

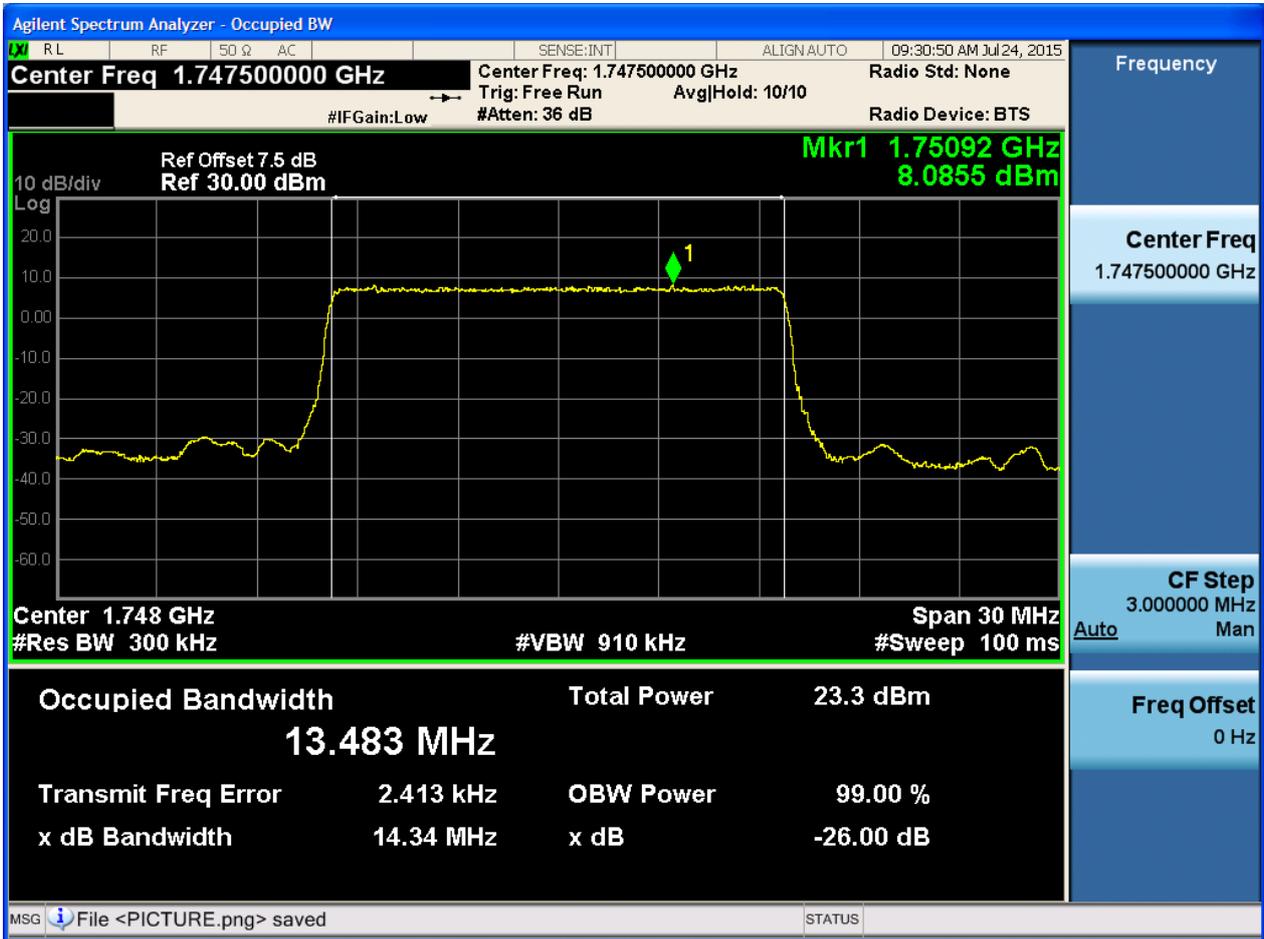
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

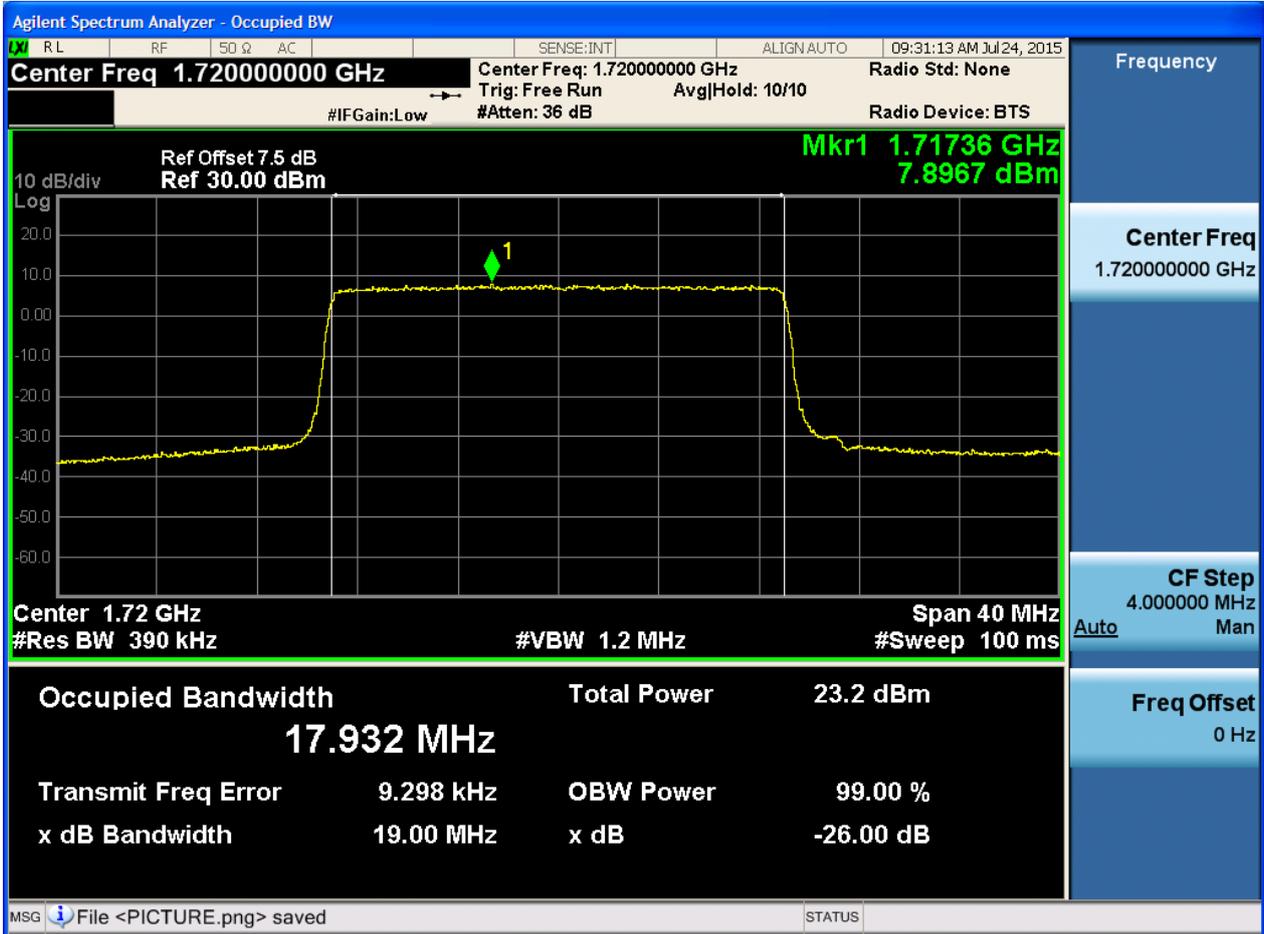




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

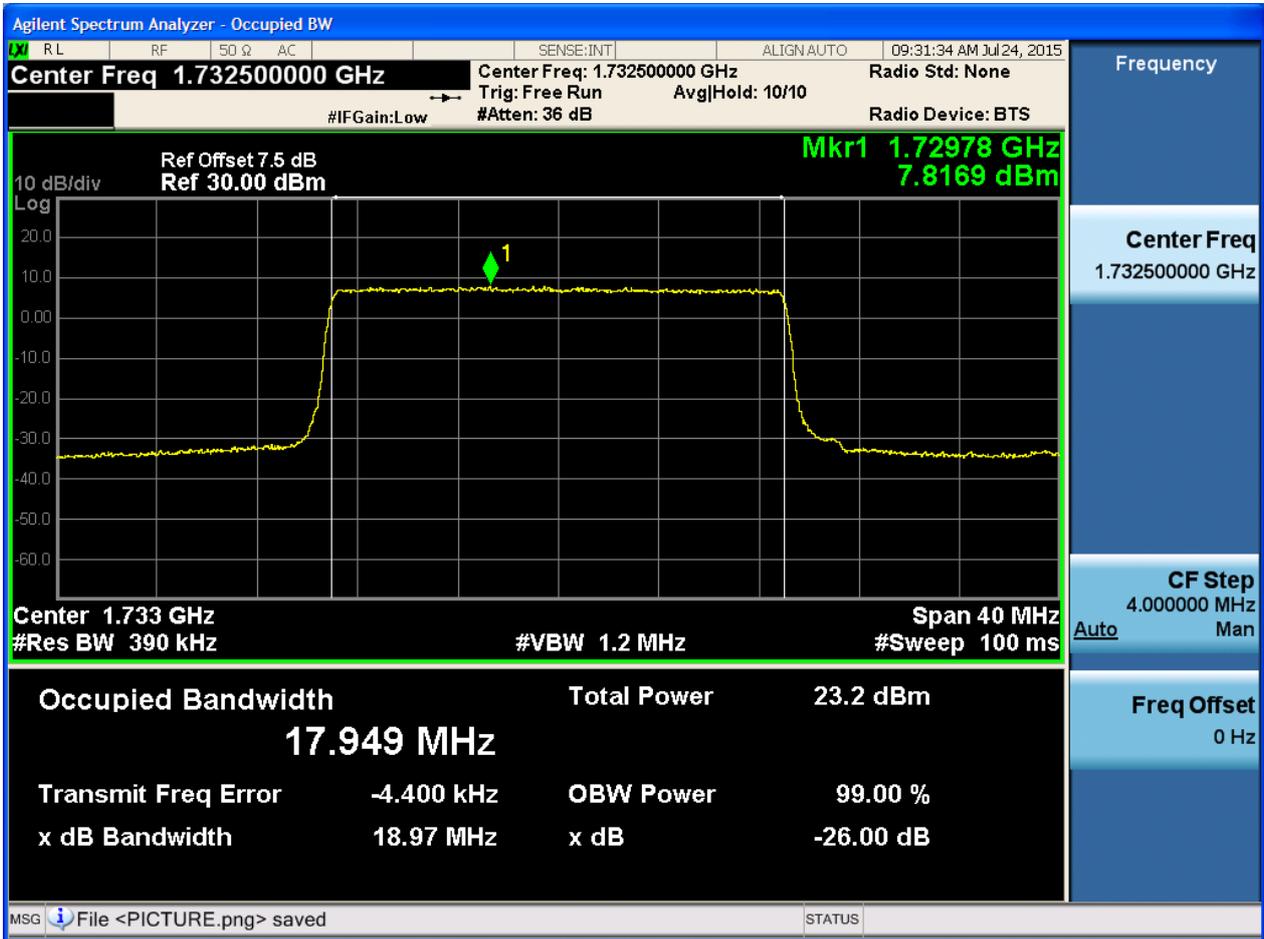
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

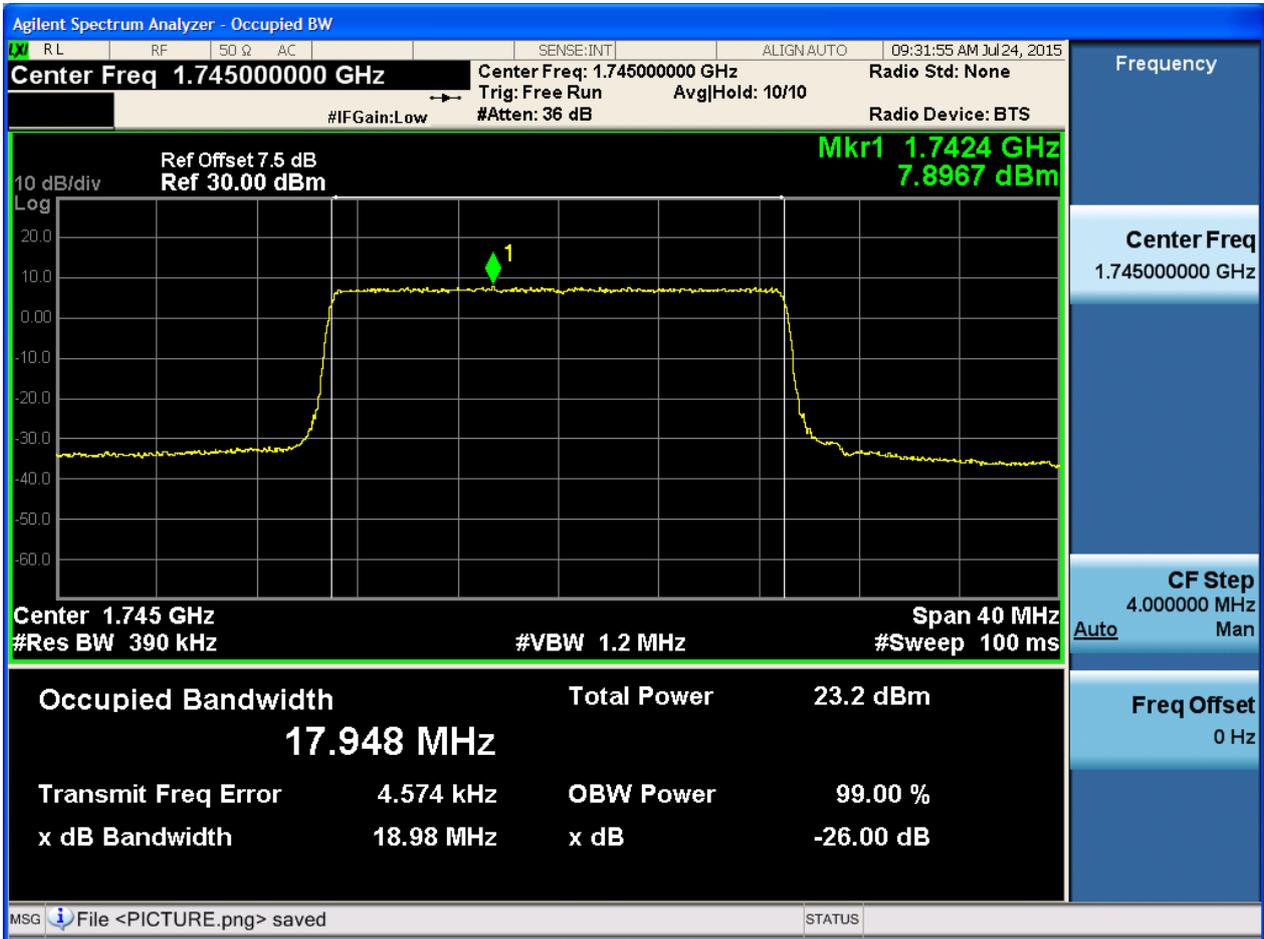
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



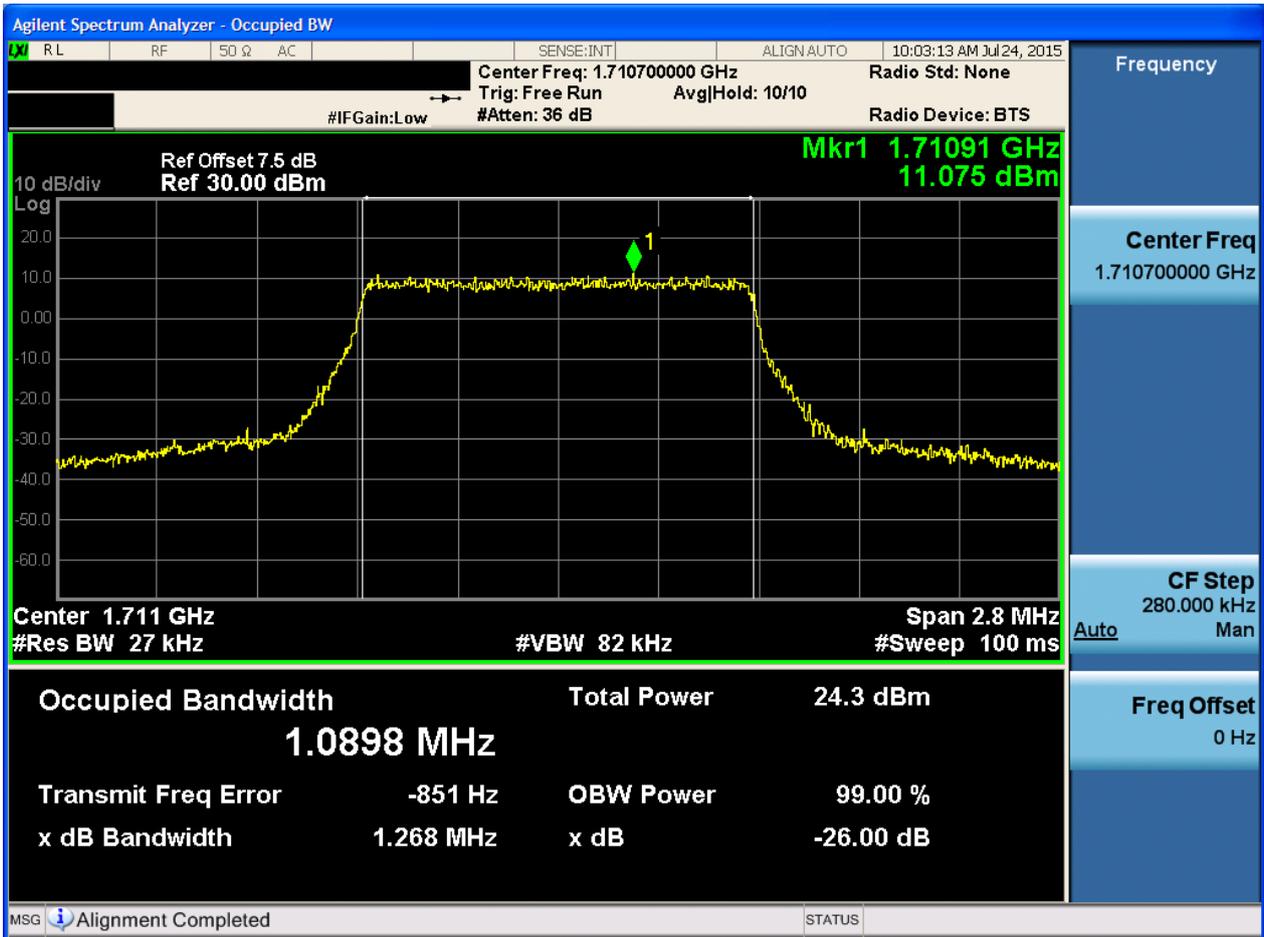


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

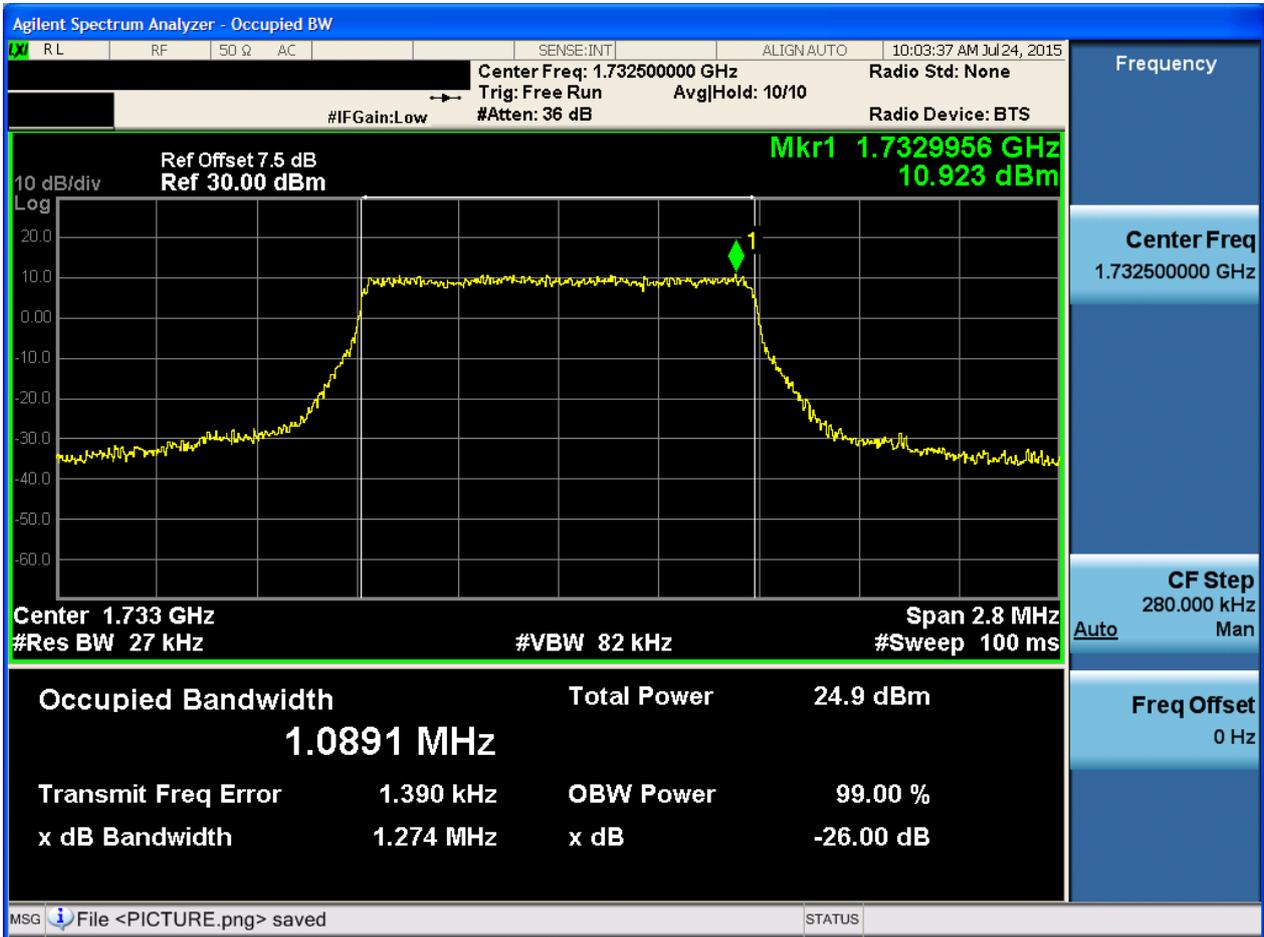
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

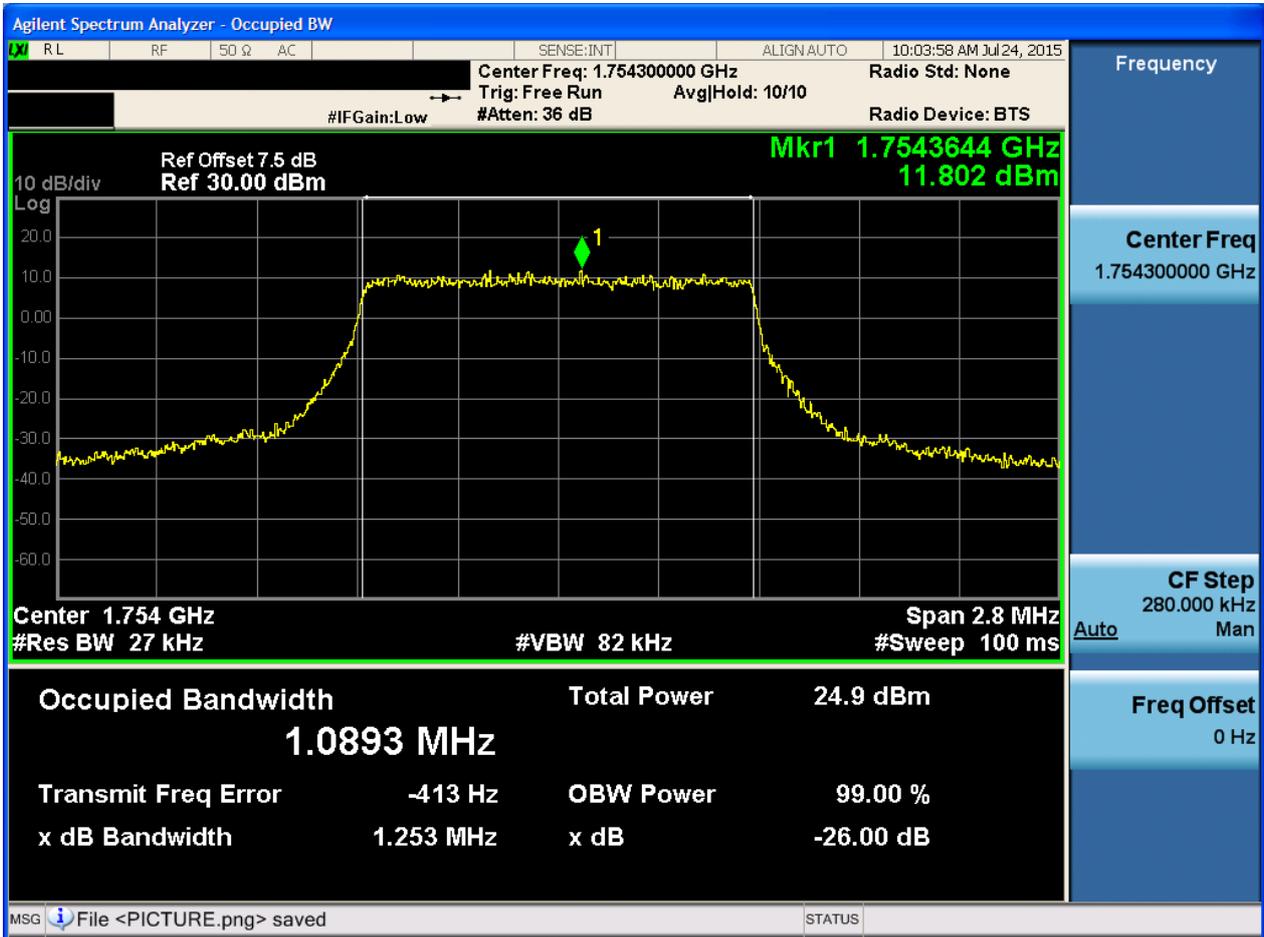
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

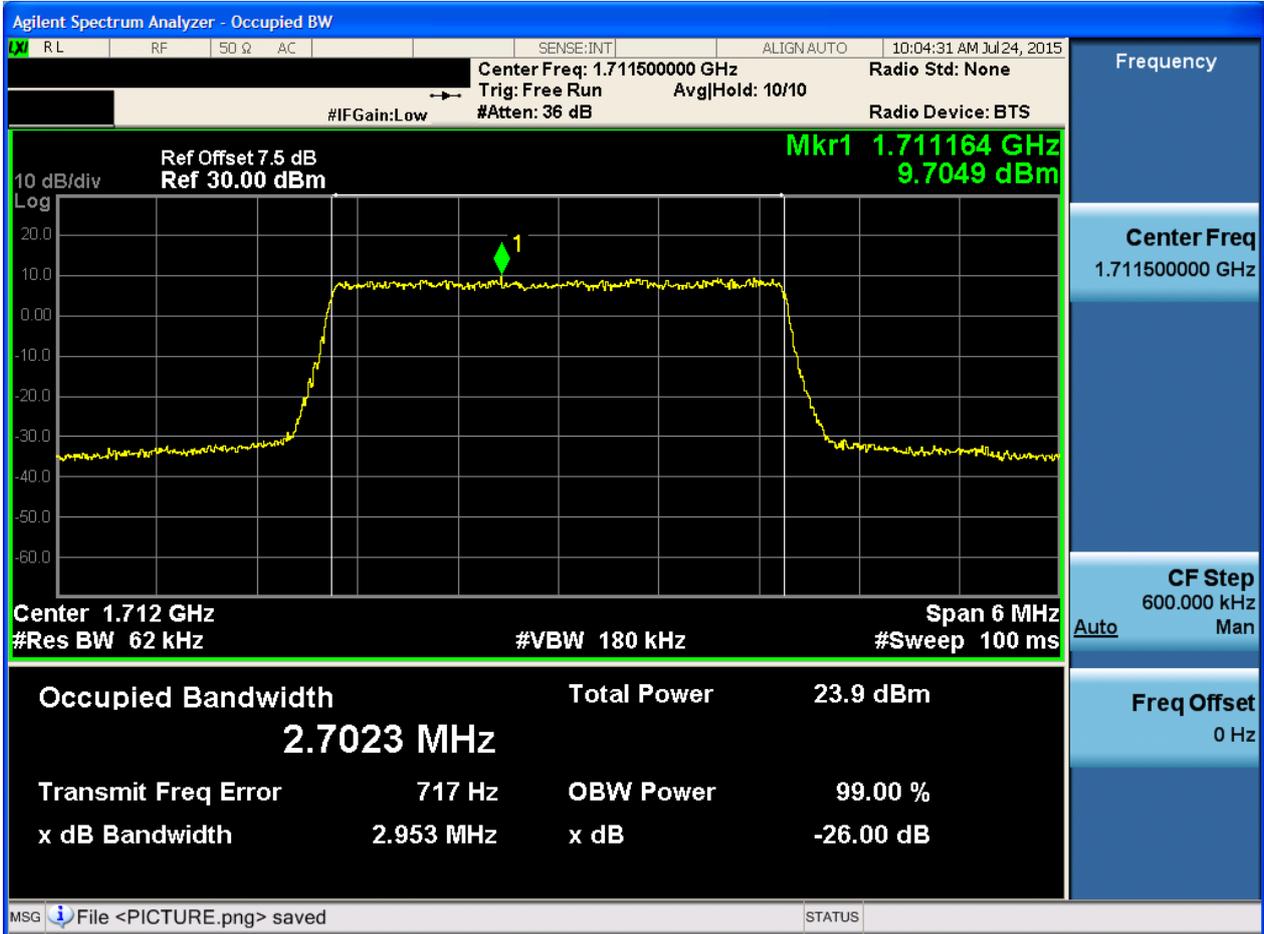




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

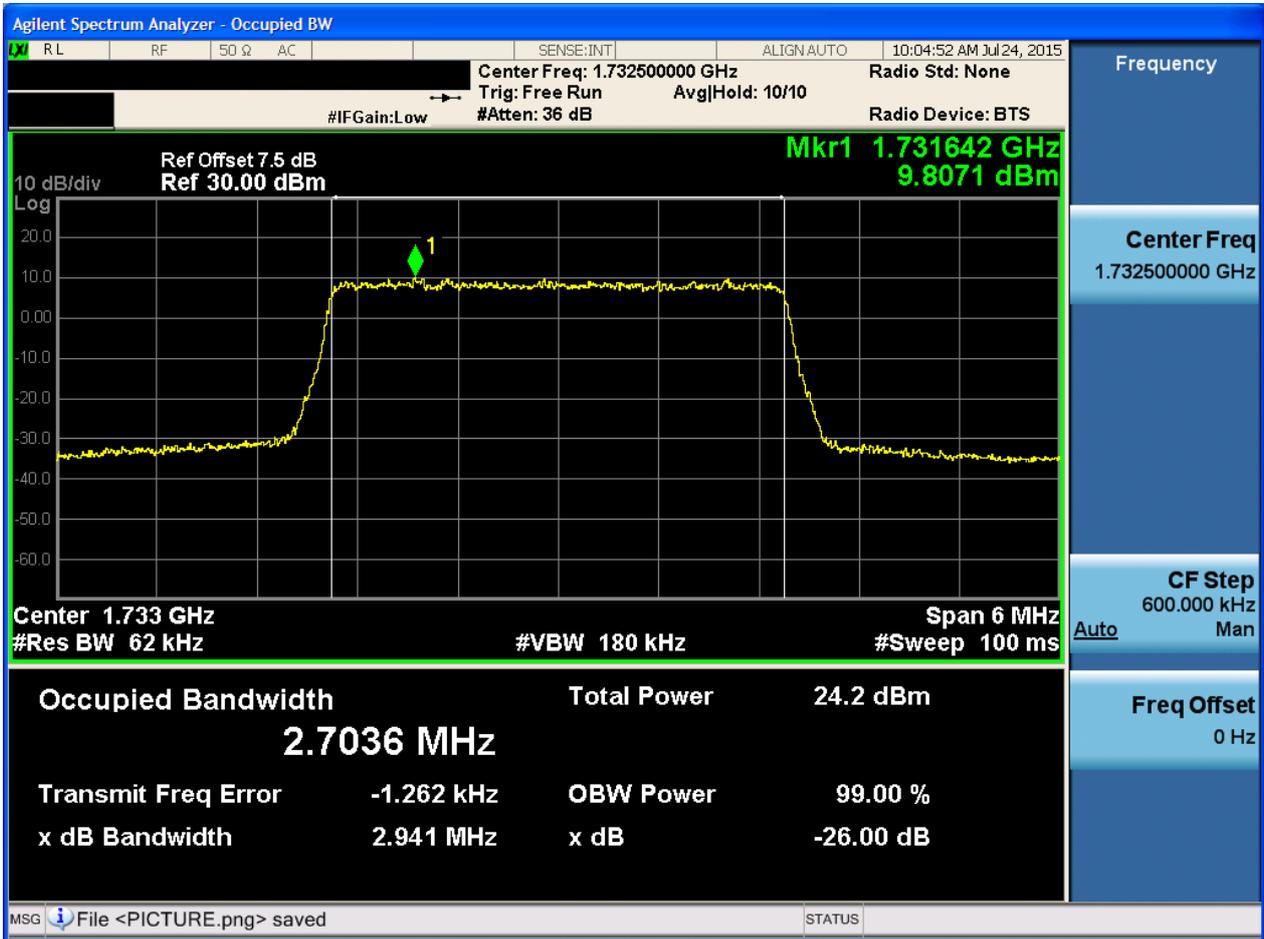
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

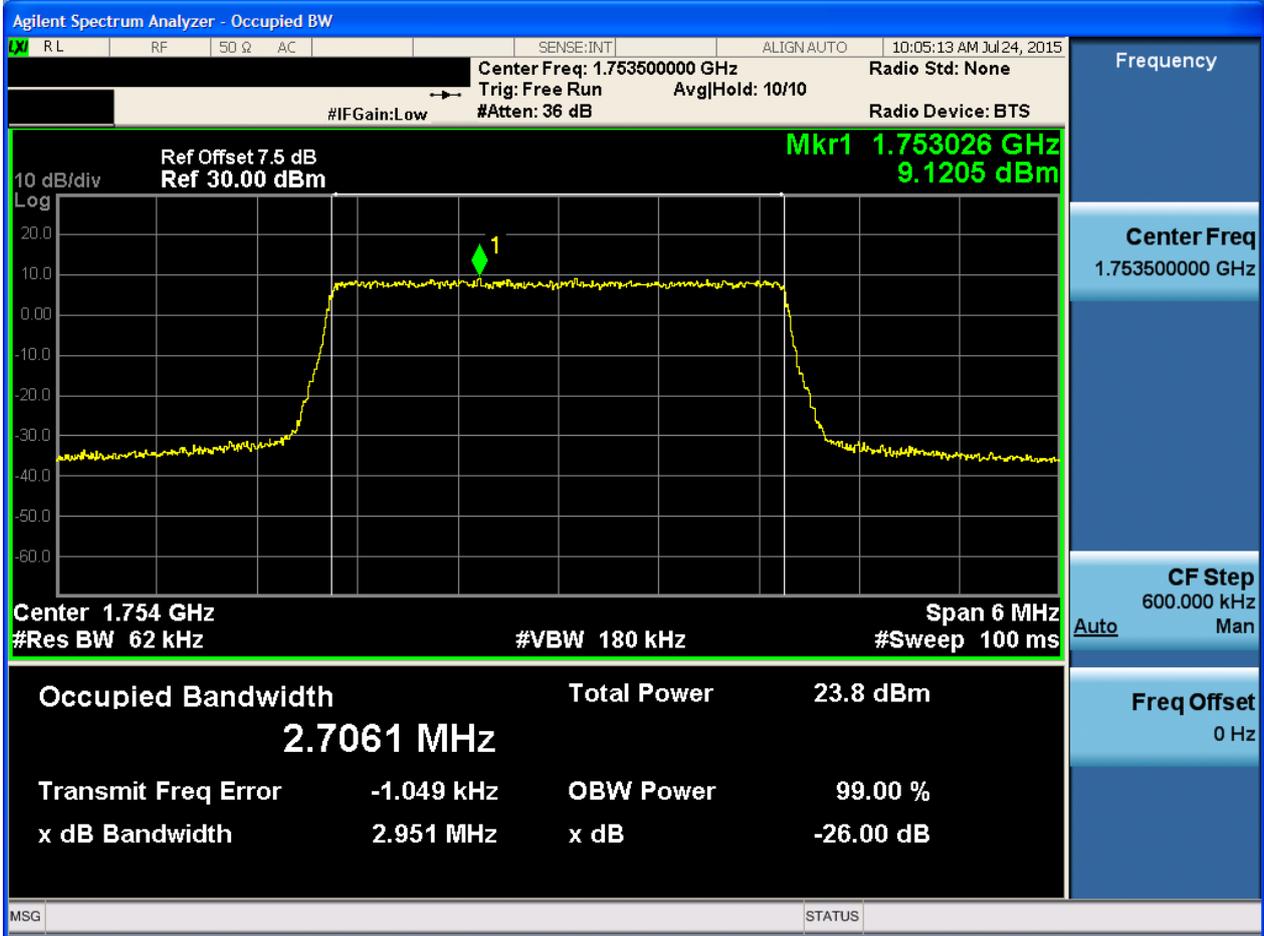
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

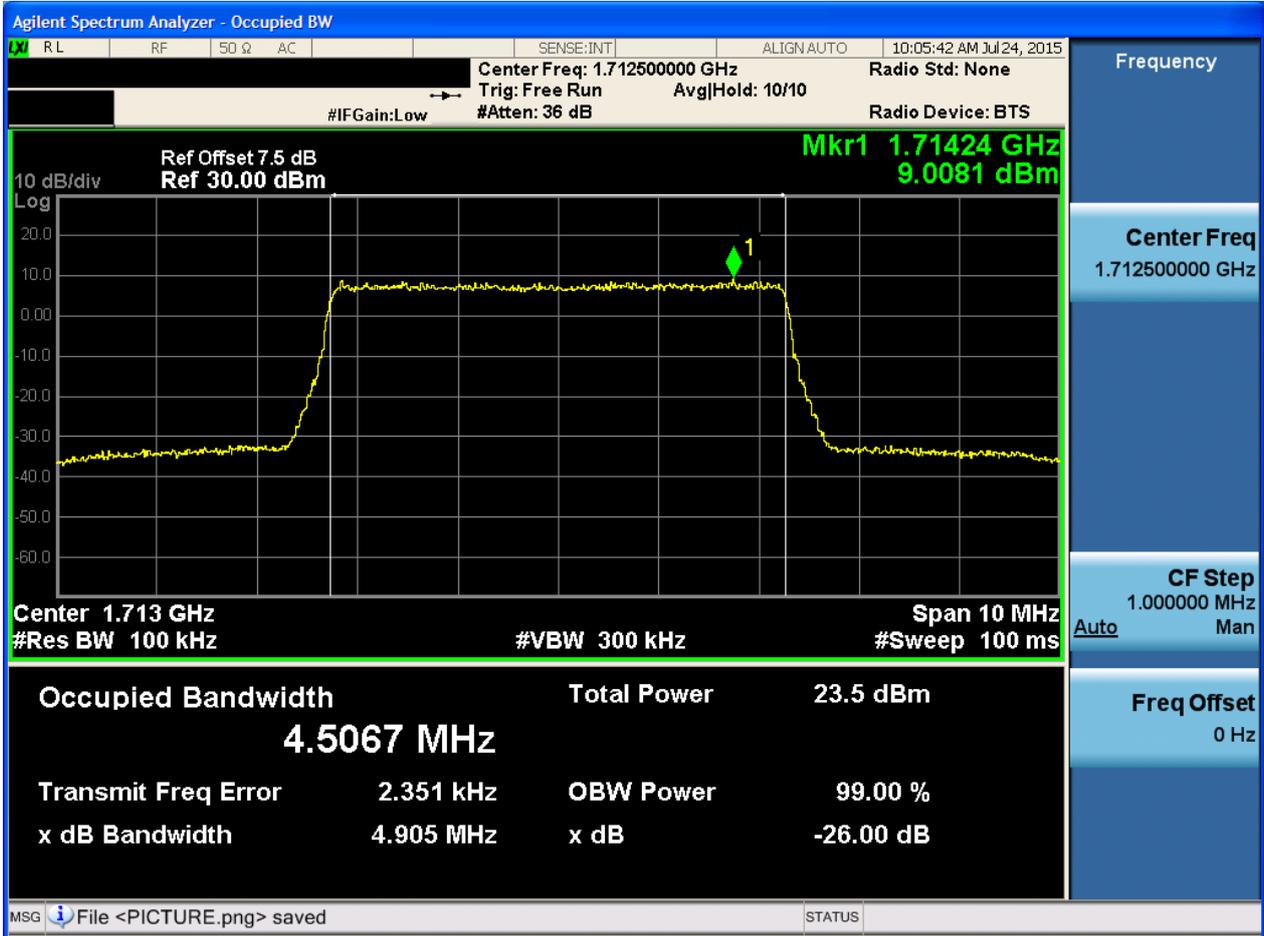




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

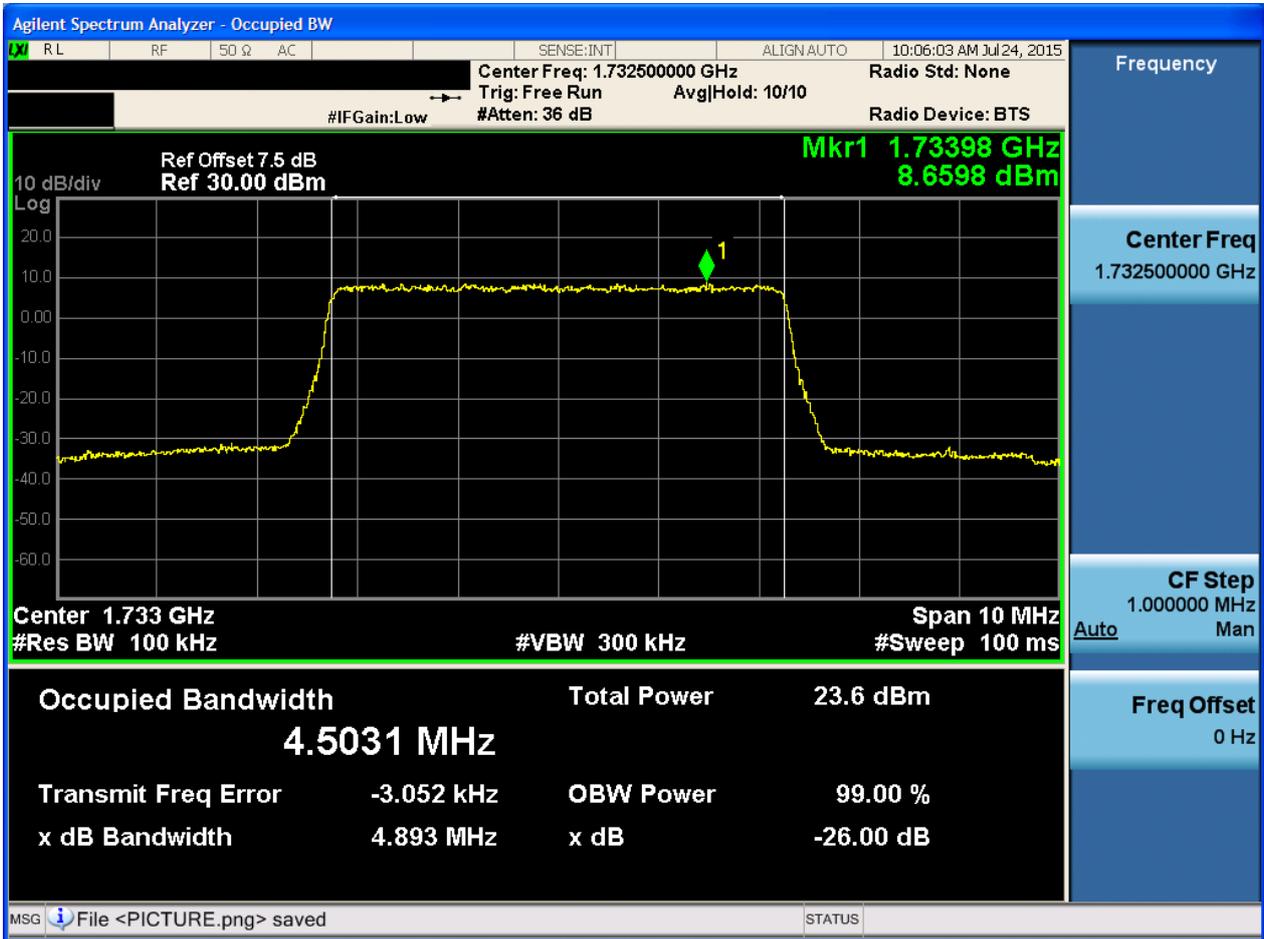
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

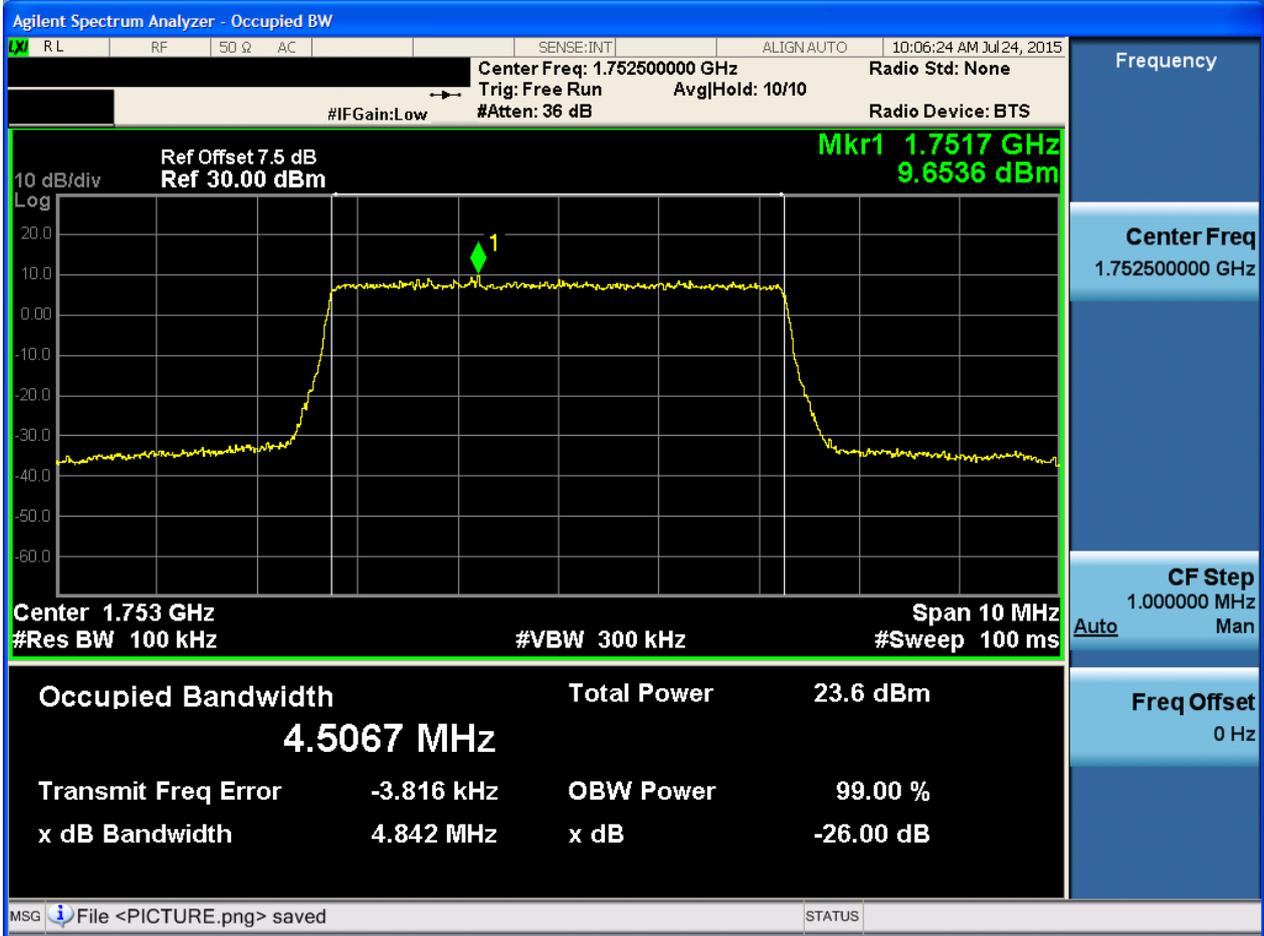
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

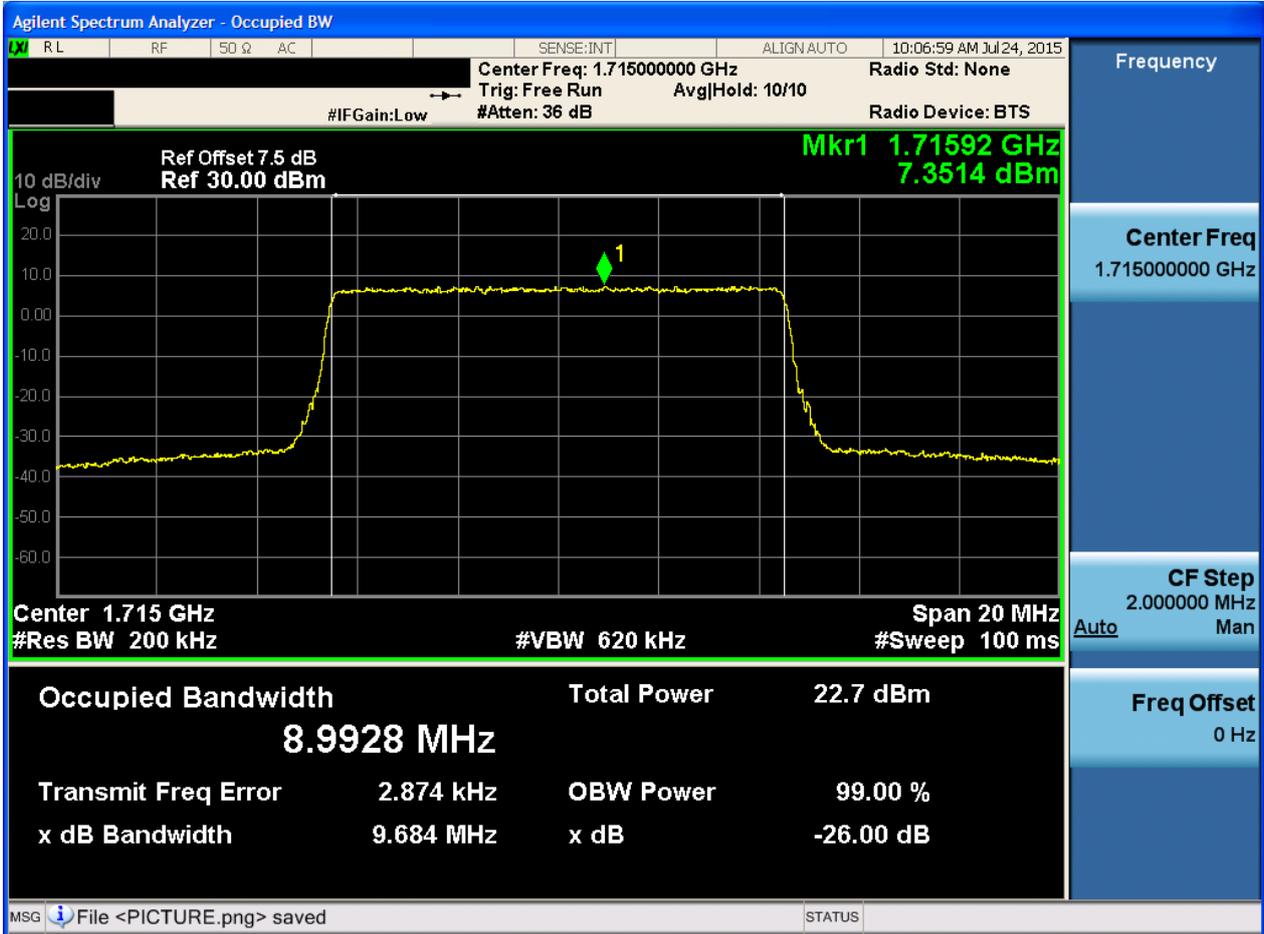




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

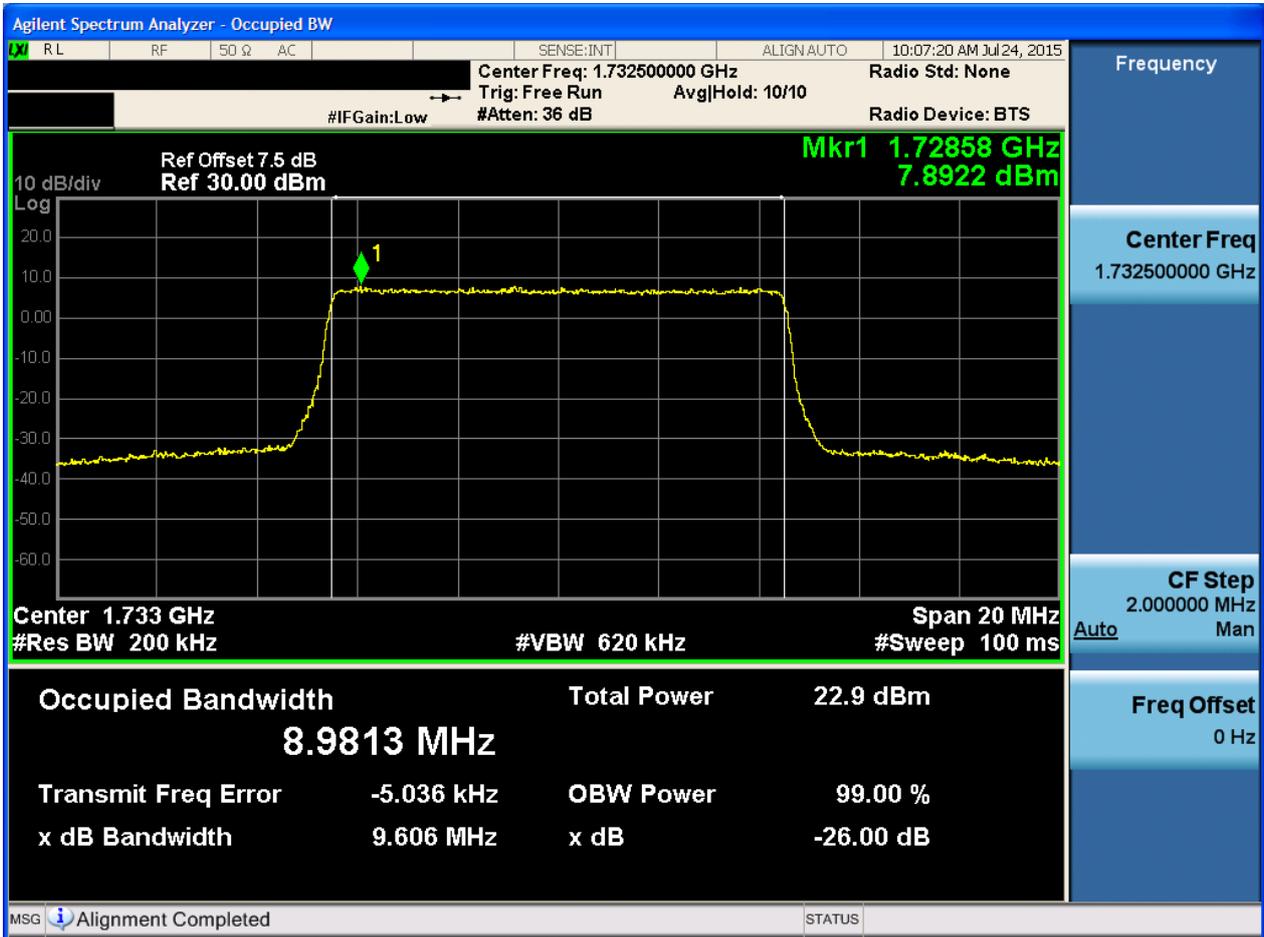
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

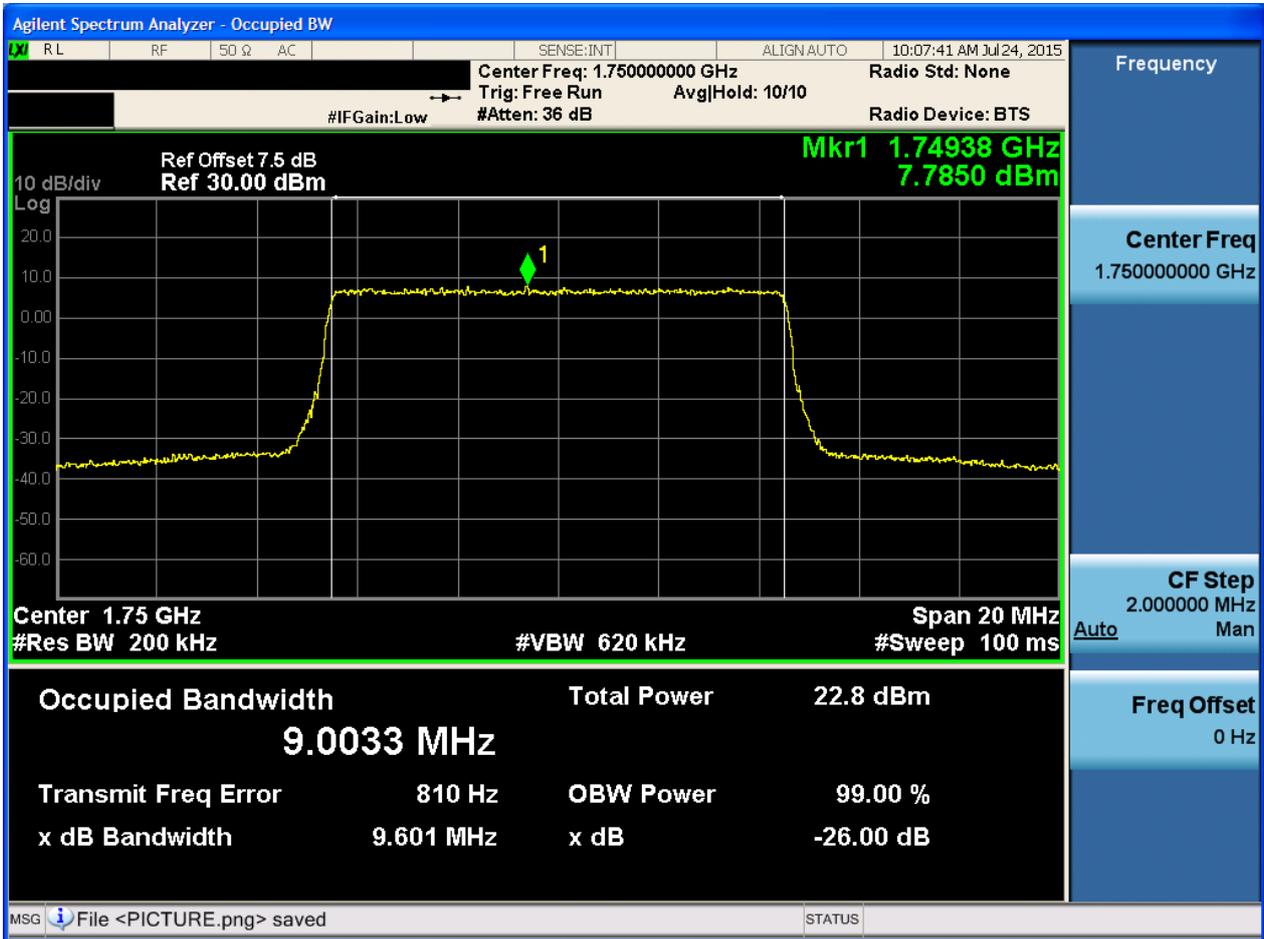
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

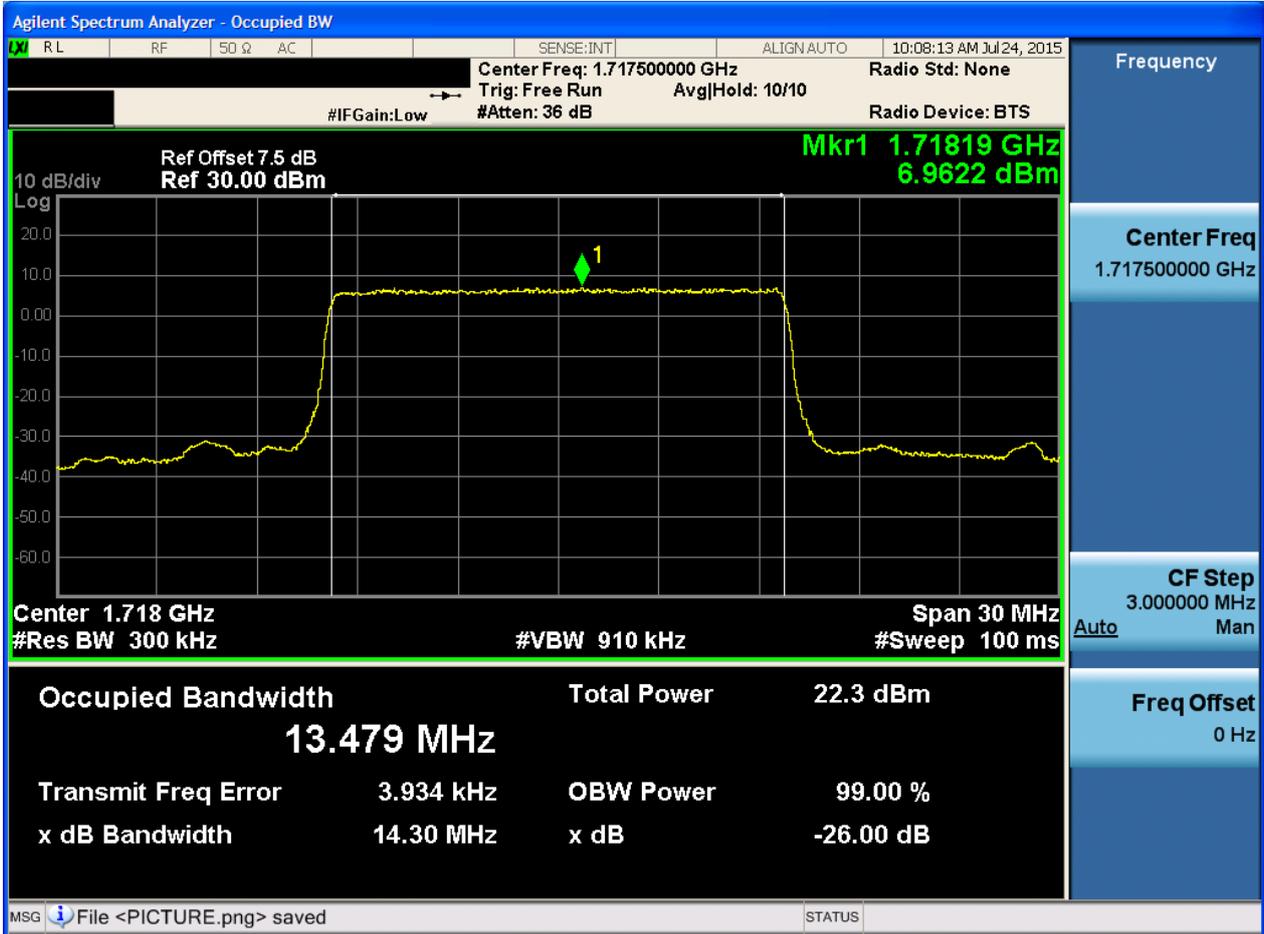




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

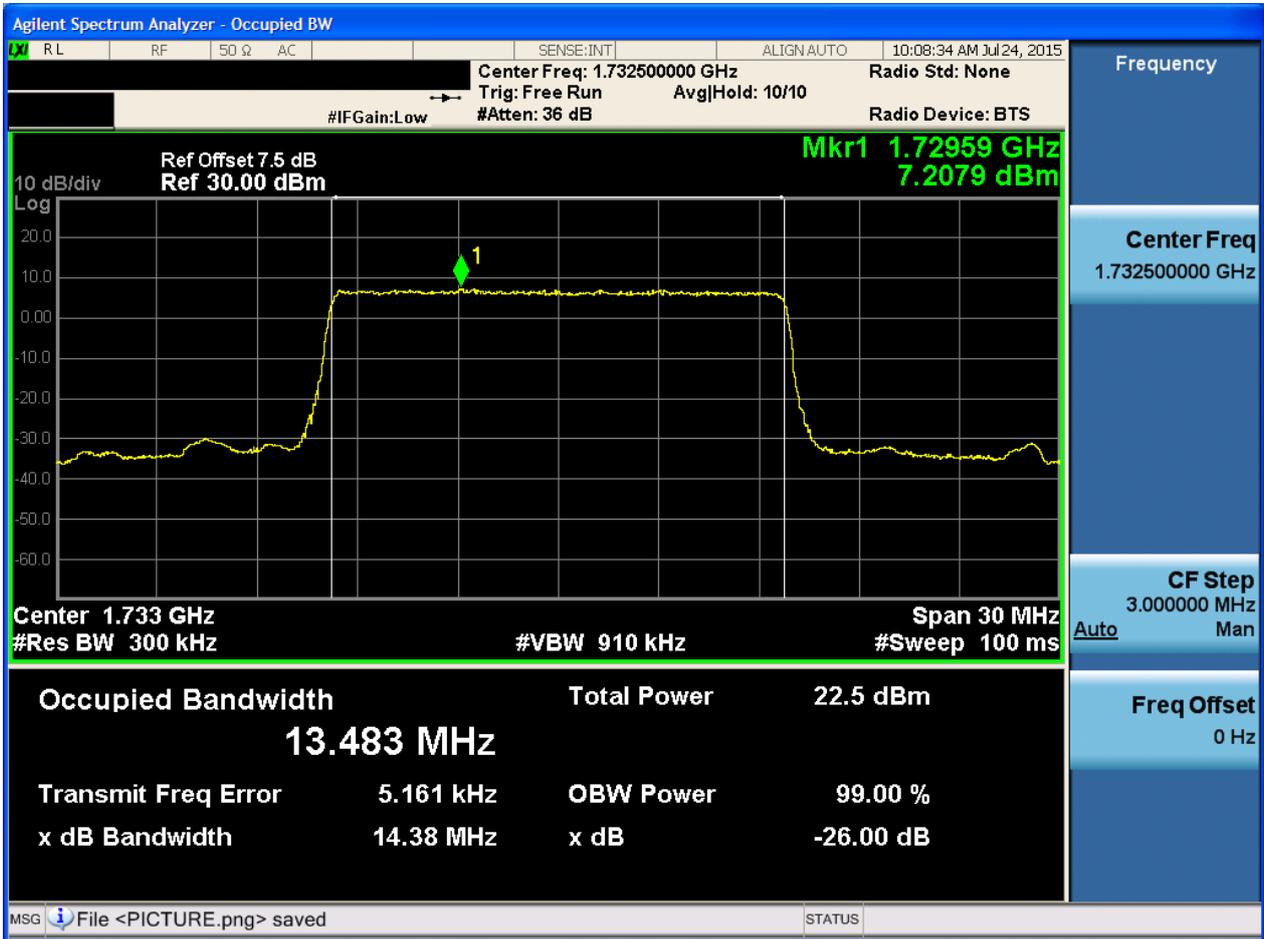
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

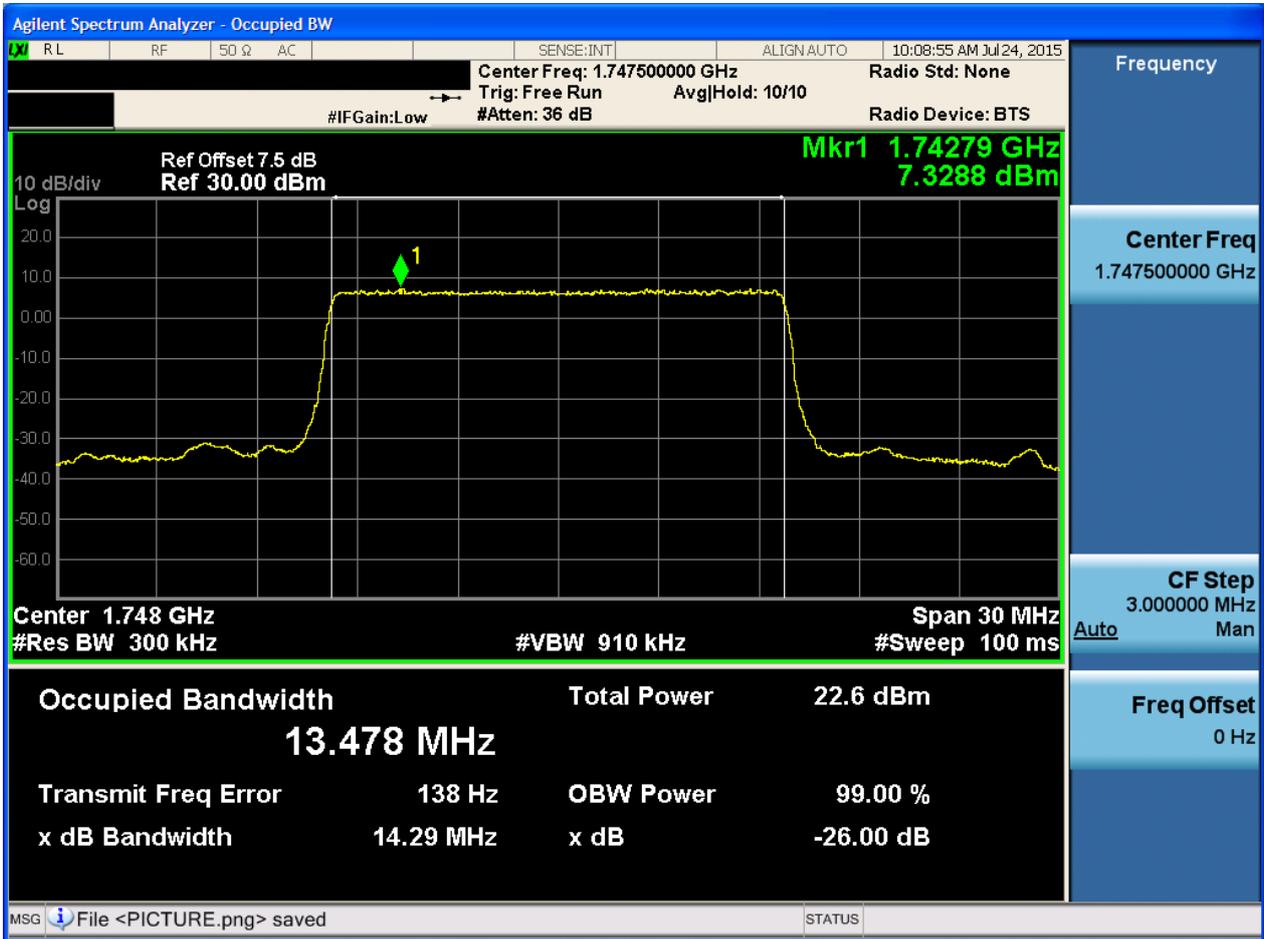
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

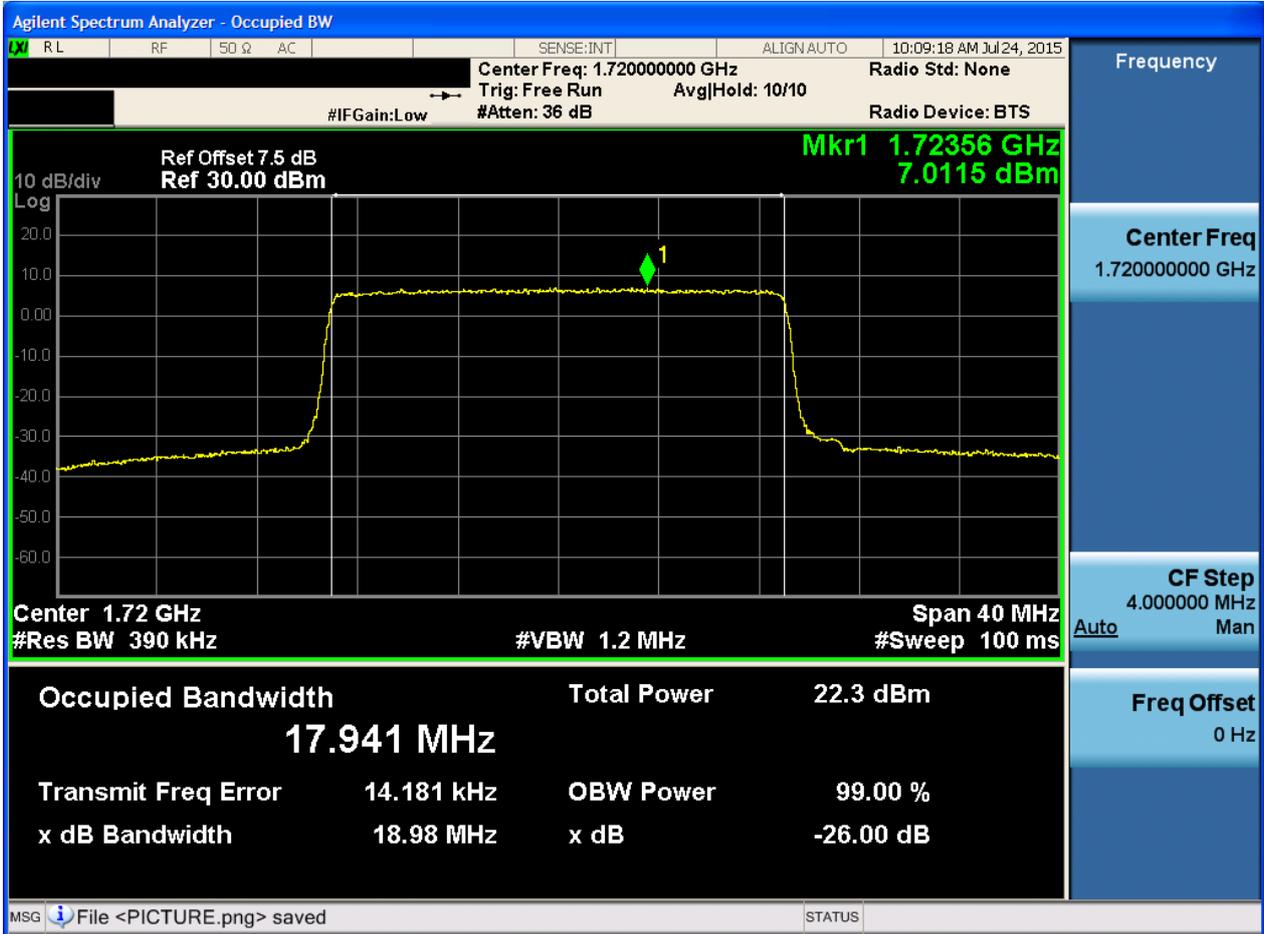




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

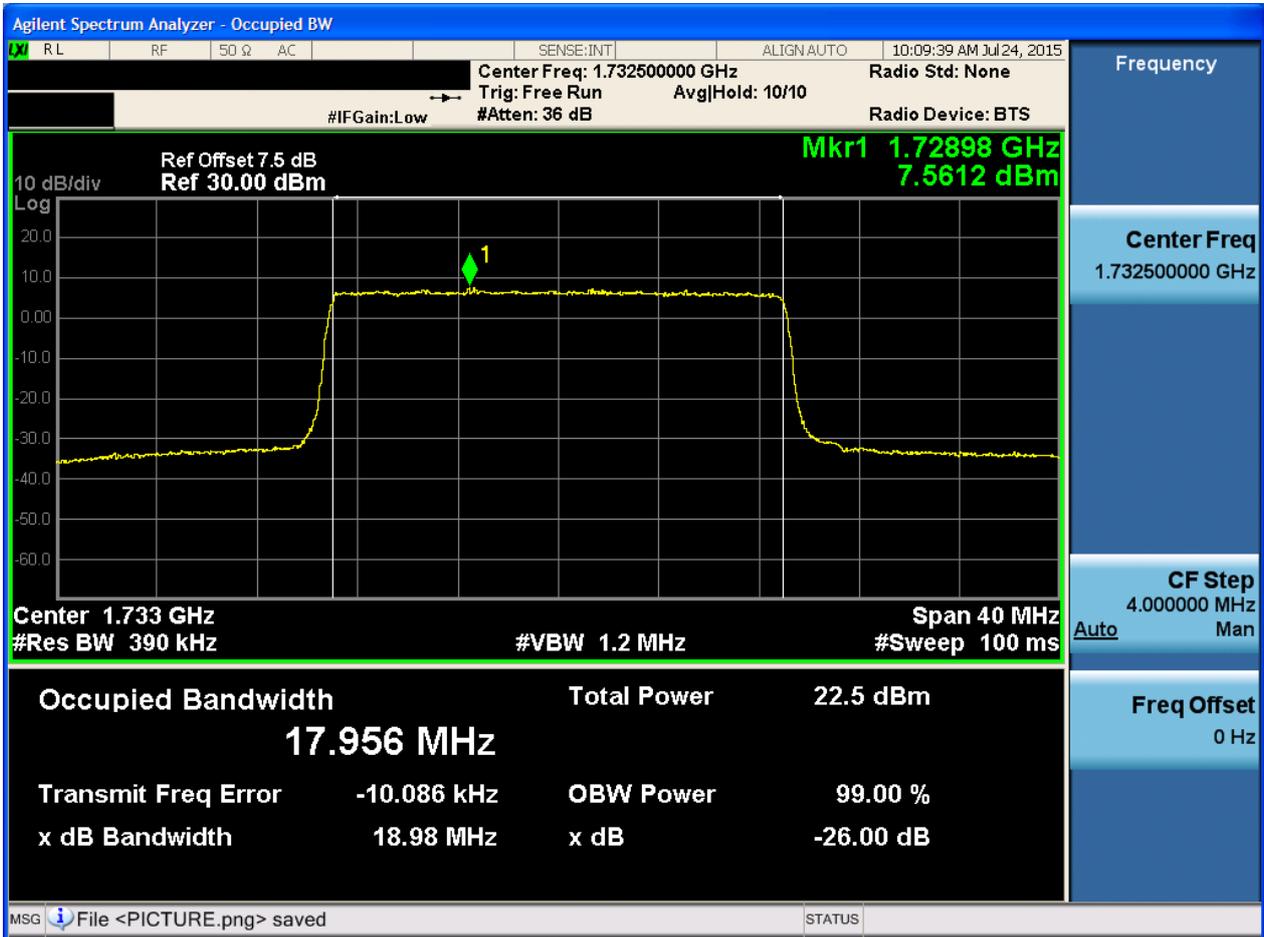
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

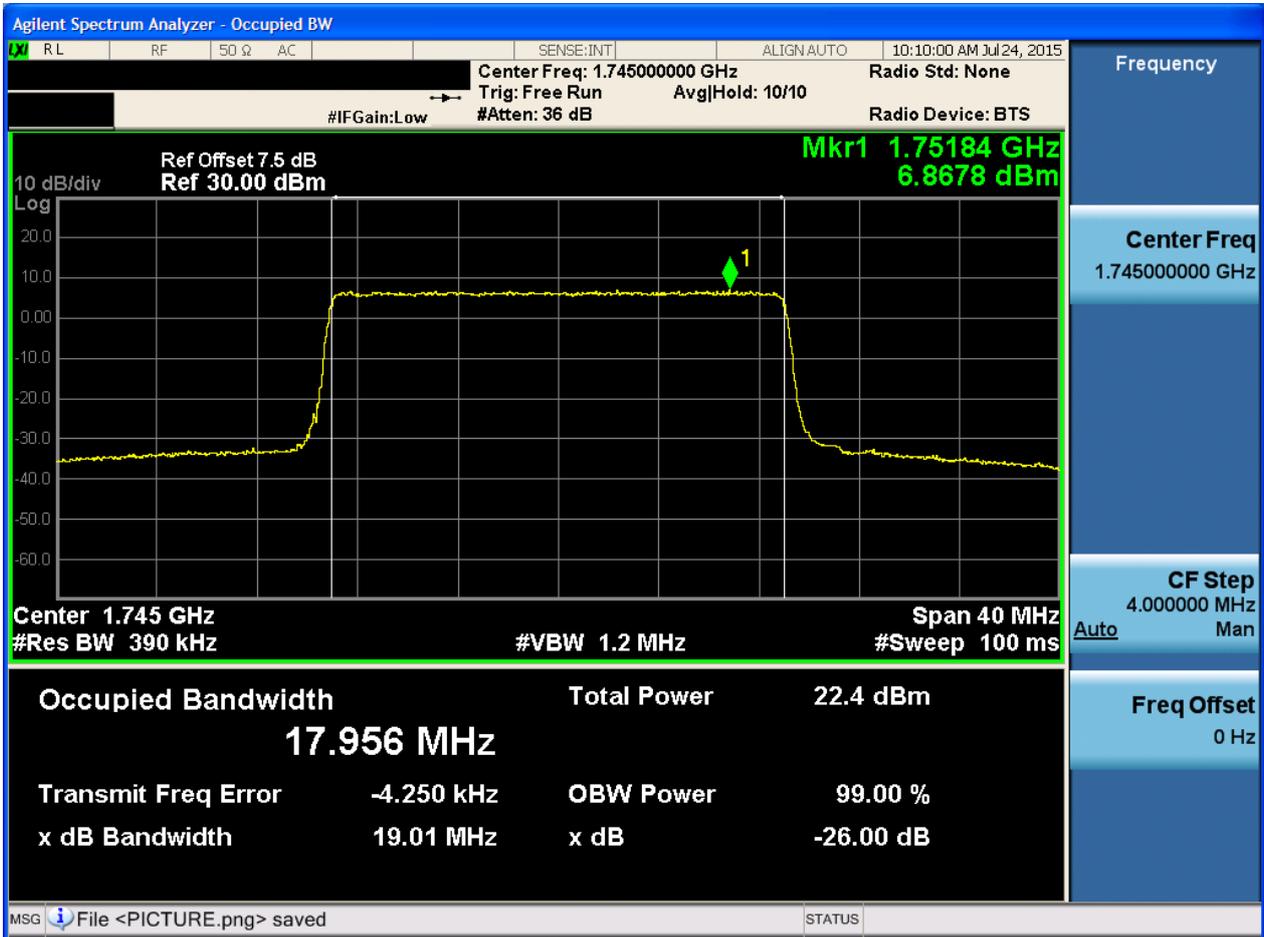
4.1.1.2.6.2.1 Test RB = RB100#0





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





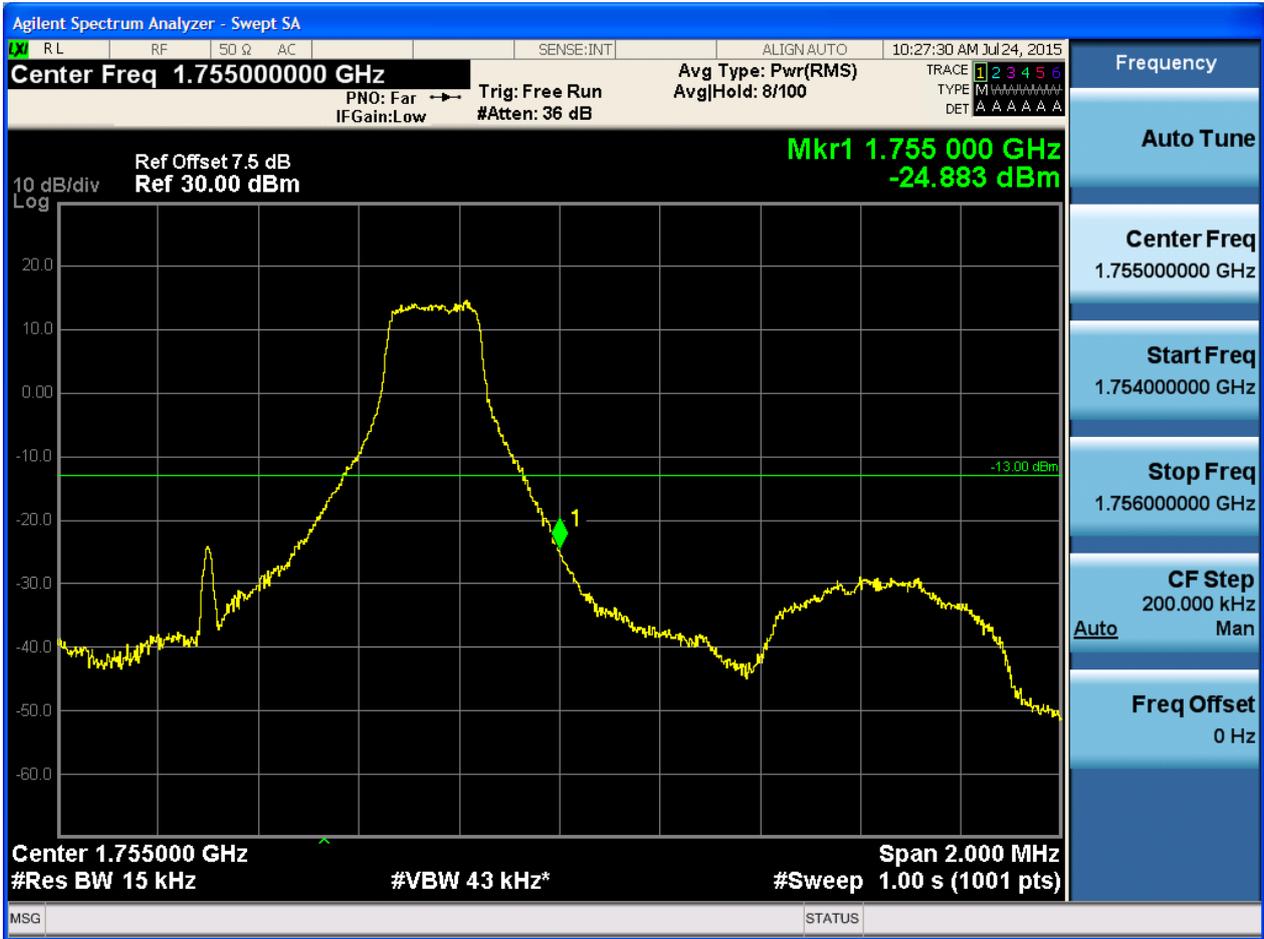
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.4 Test RB = RB6#0

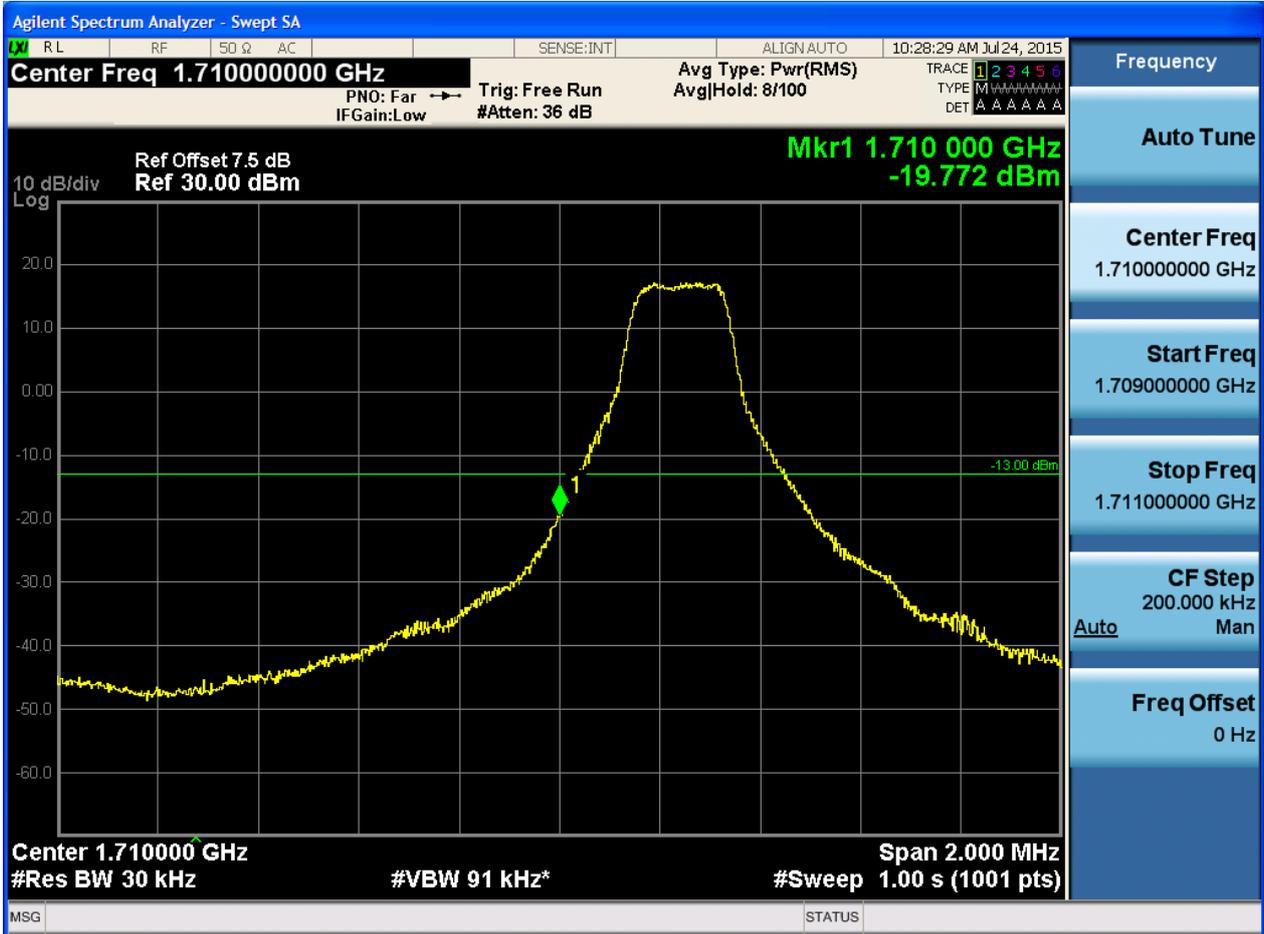




5.1.1.1.2 Test Bandwidth = 3

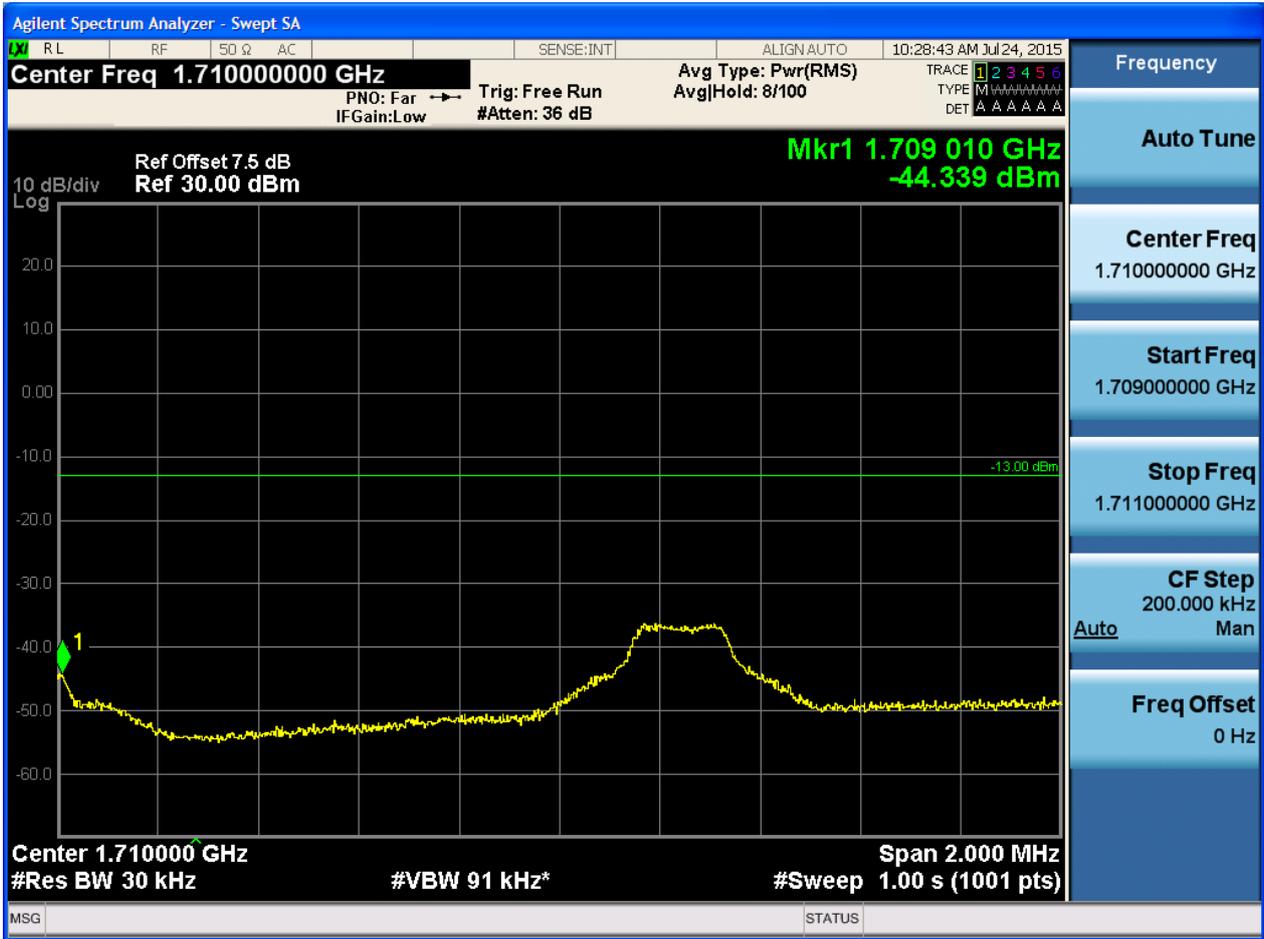
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



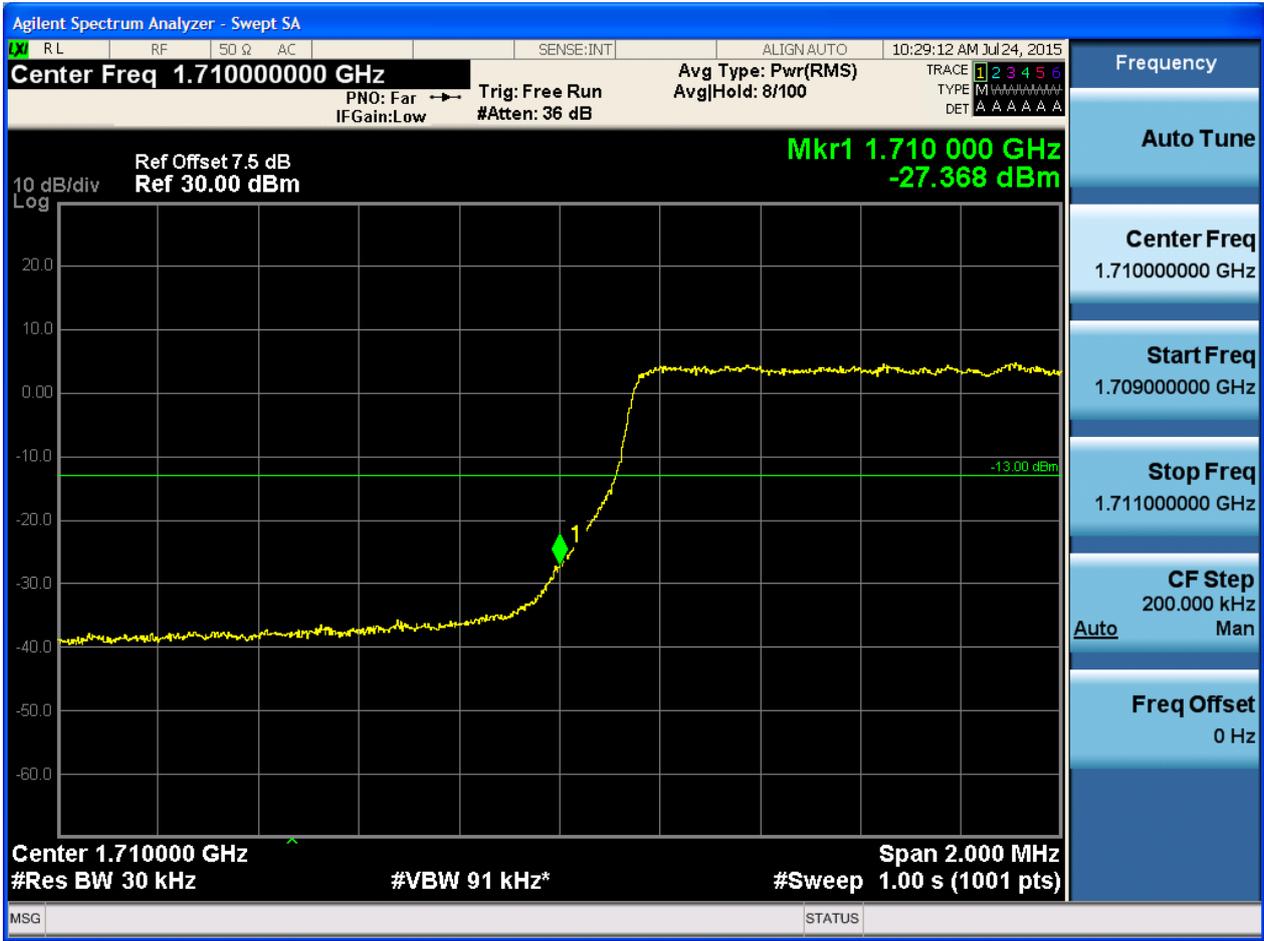


5.1.1.1.2.1.3 Test RB = RB8#4





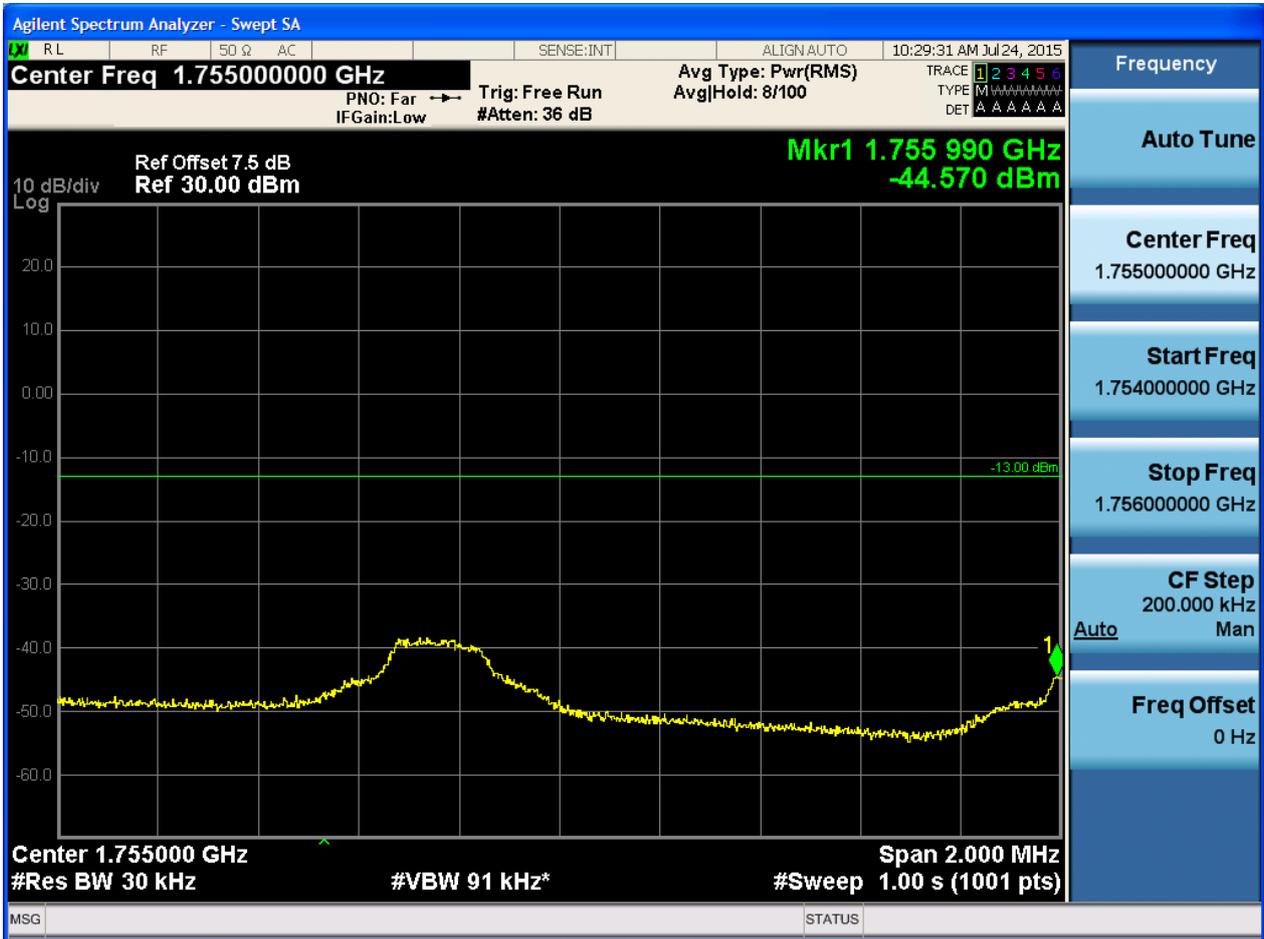
5.1.1.1.2.1.4 Test RB = RB15#0





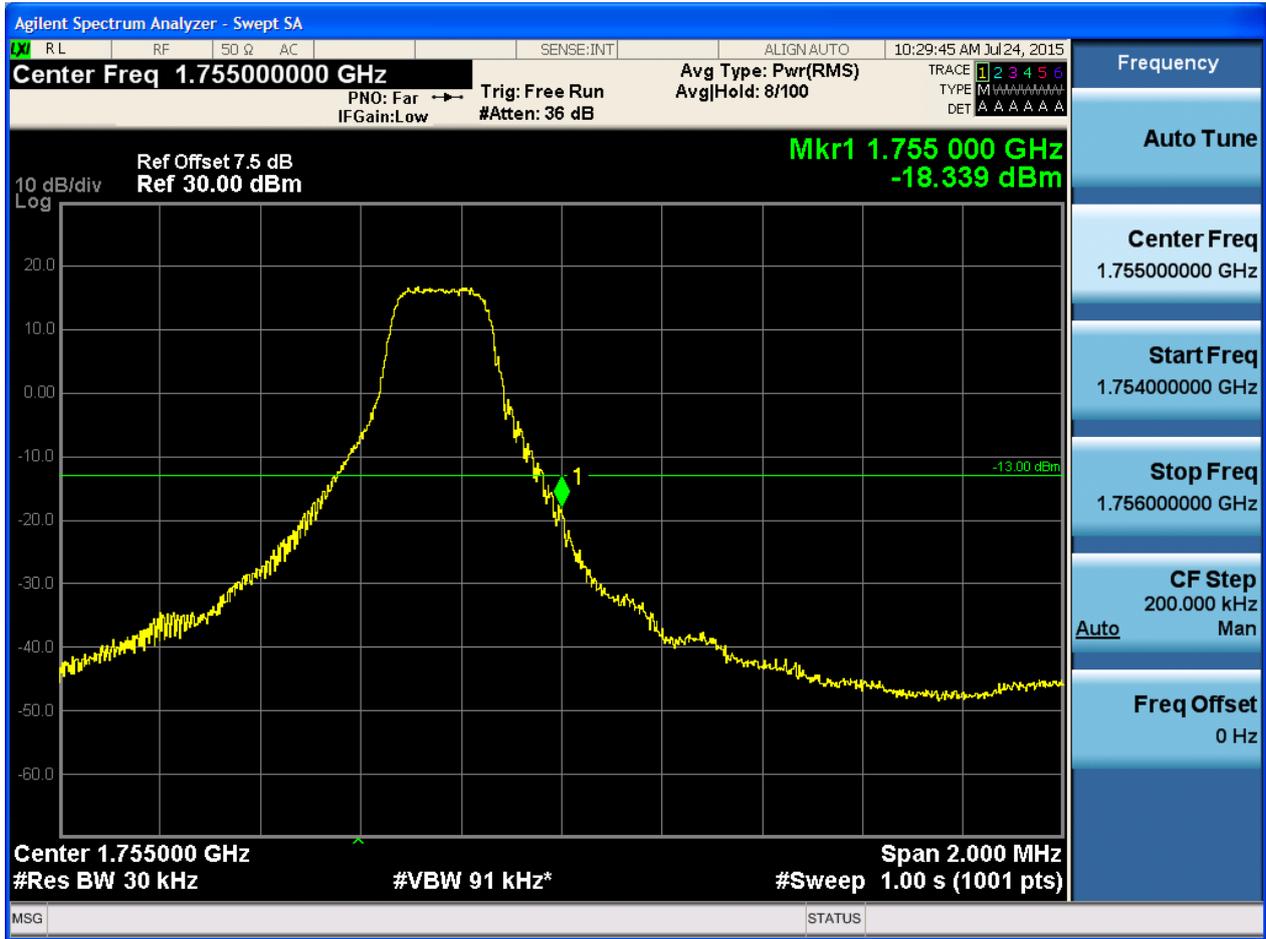
5.1.1.1.2.2 Test Channel = HCH

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 = RB#4





5.1.1.1.2.2.4 Test RB = RB15#0

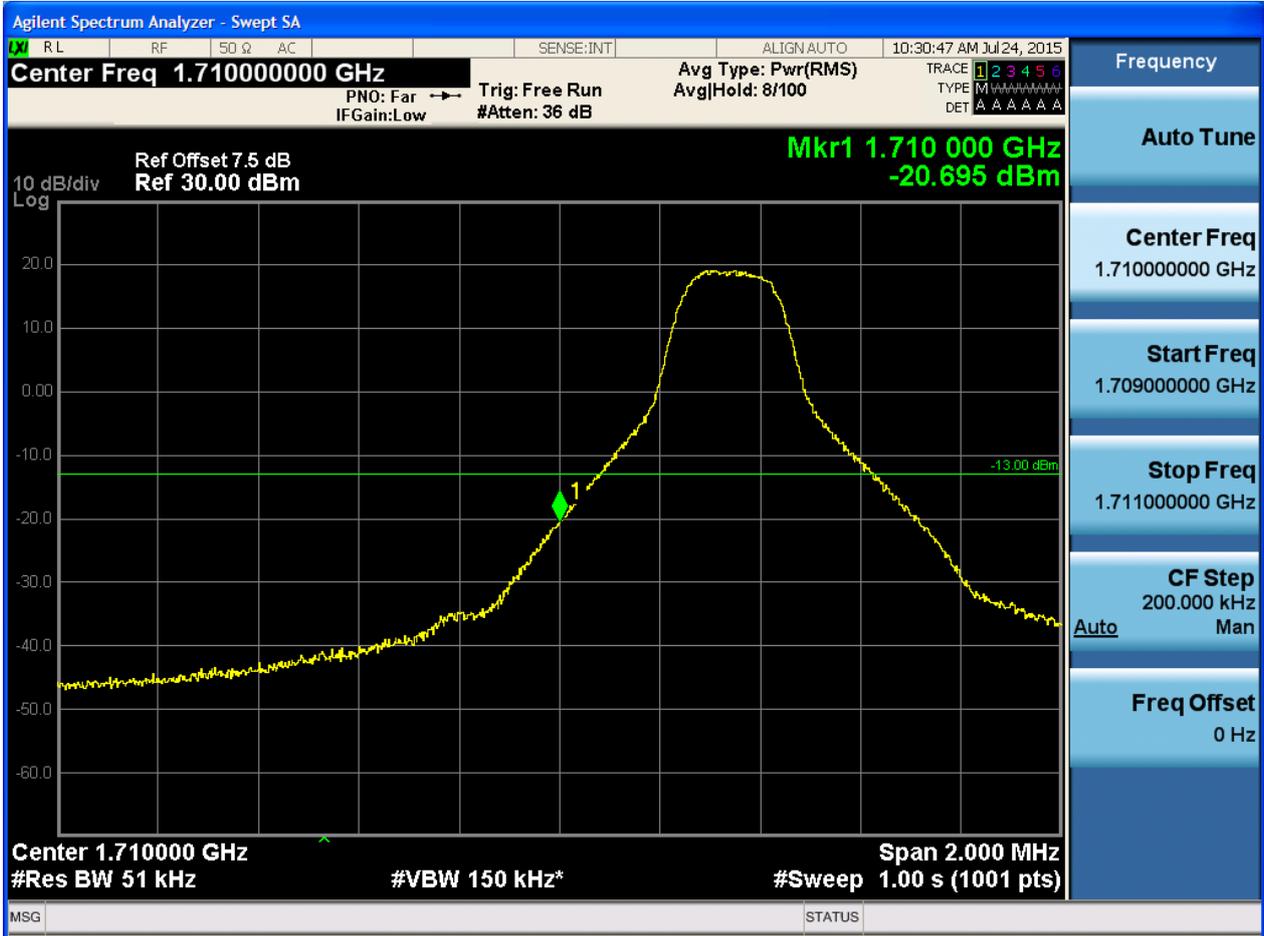




5.1.1.1.3 Test Bandwidth = 5

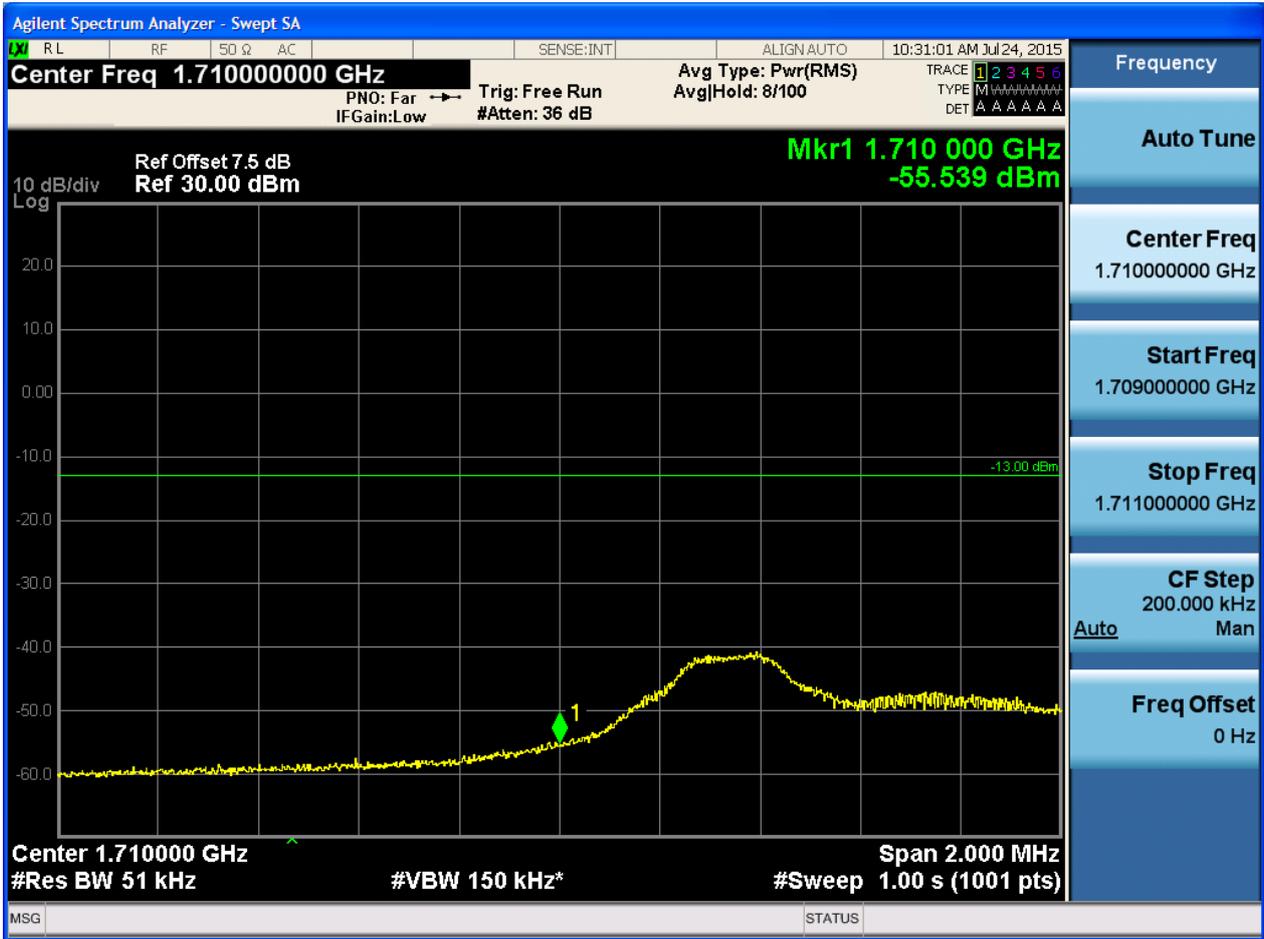
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



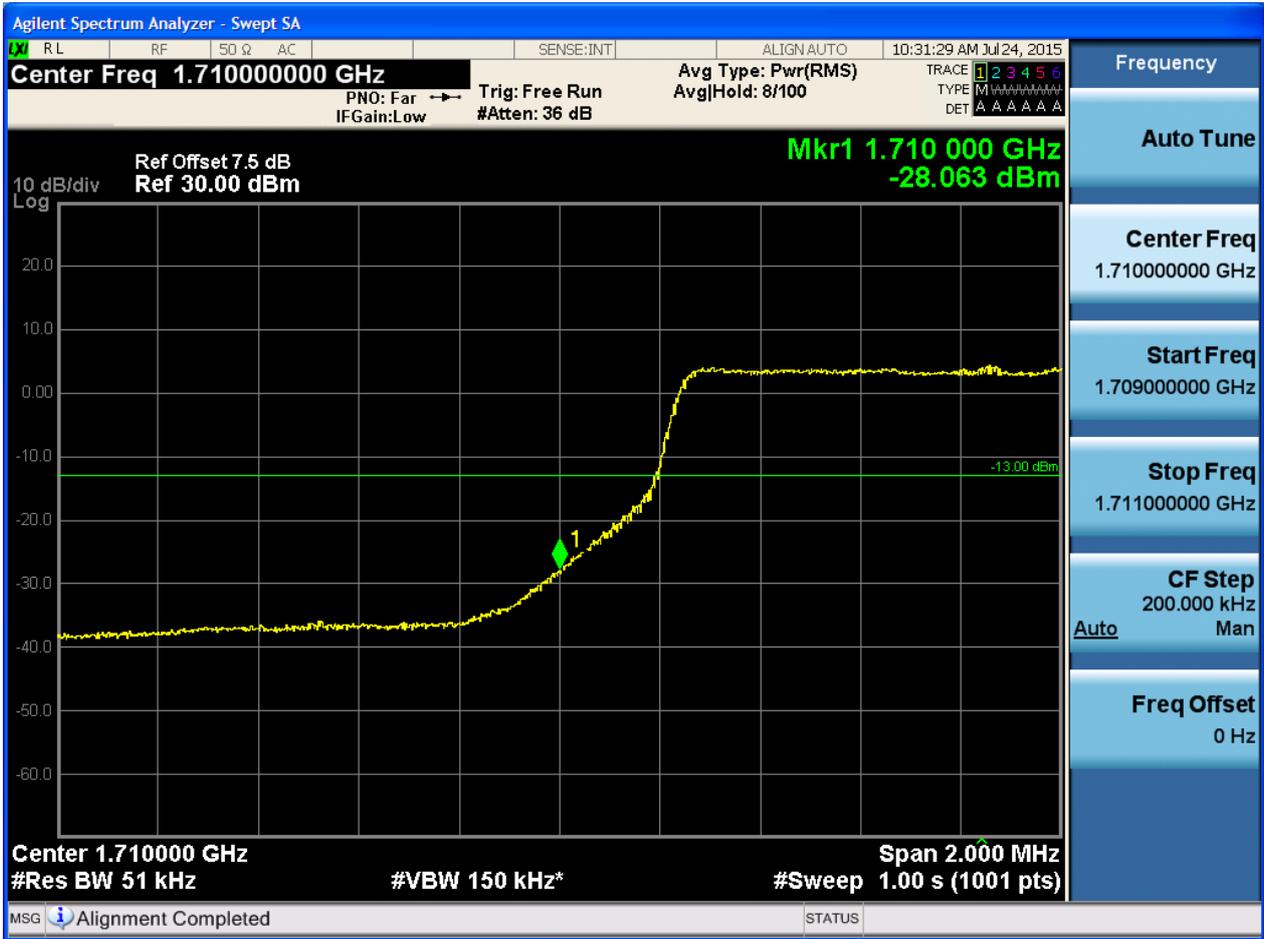


5.1.1.1.3.1.3 Test RB = RB12#6





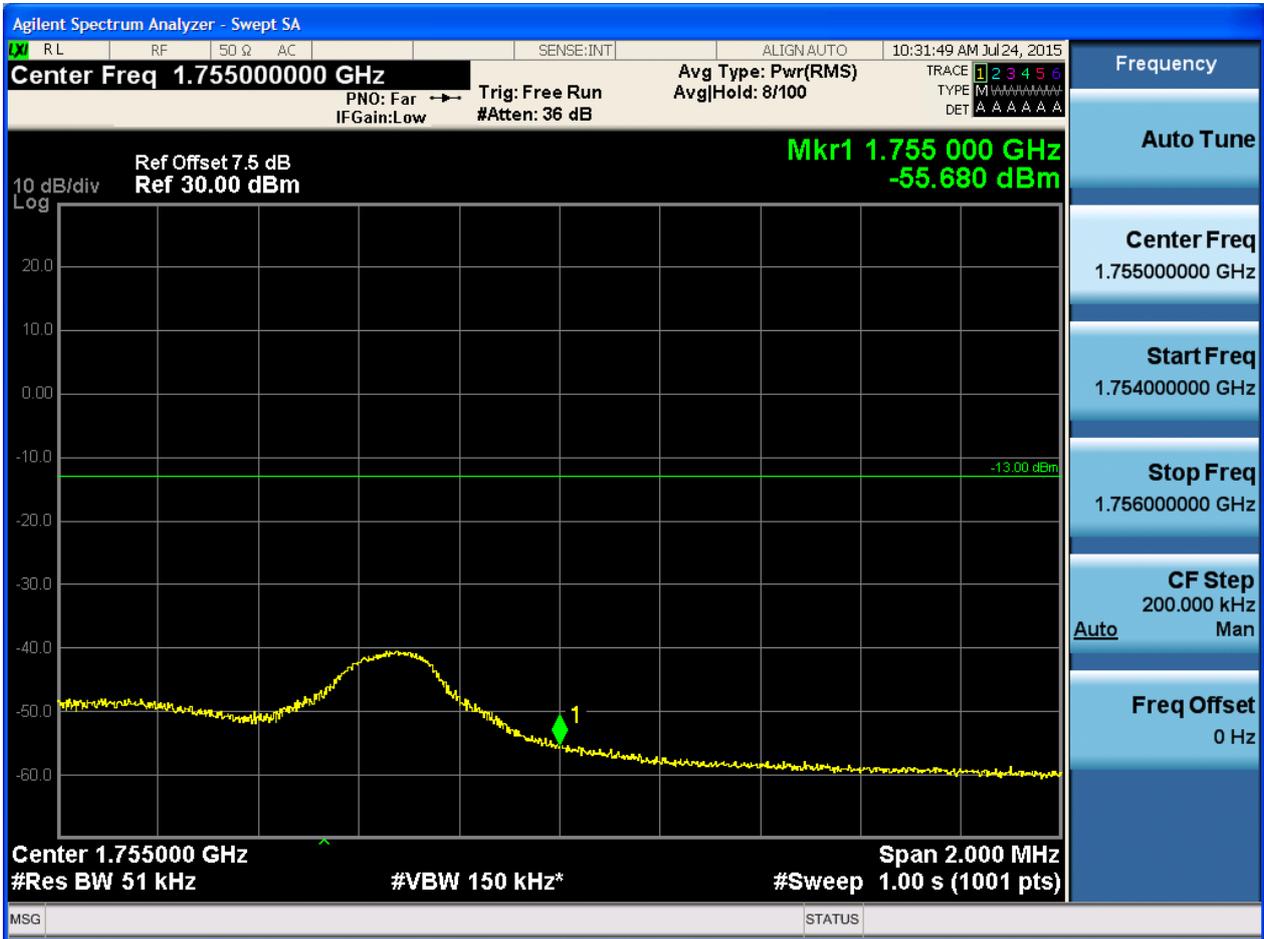
5.1.1.1.3.1.4 Test RB = RB25#0





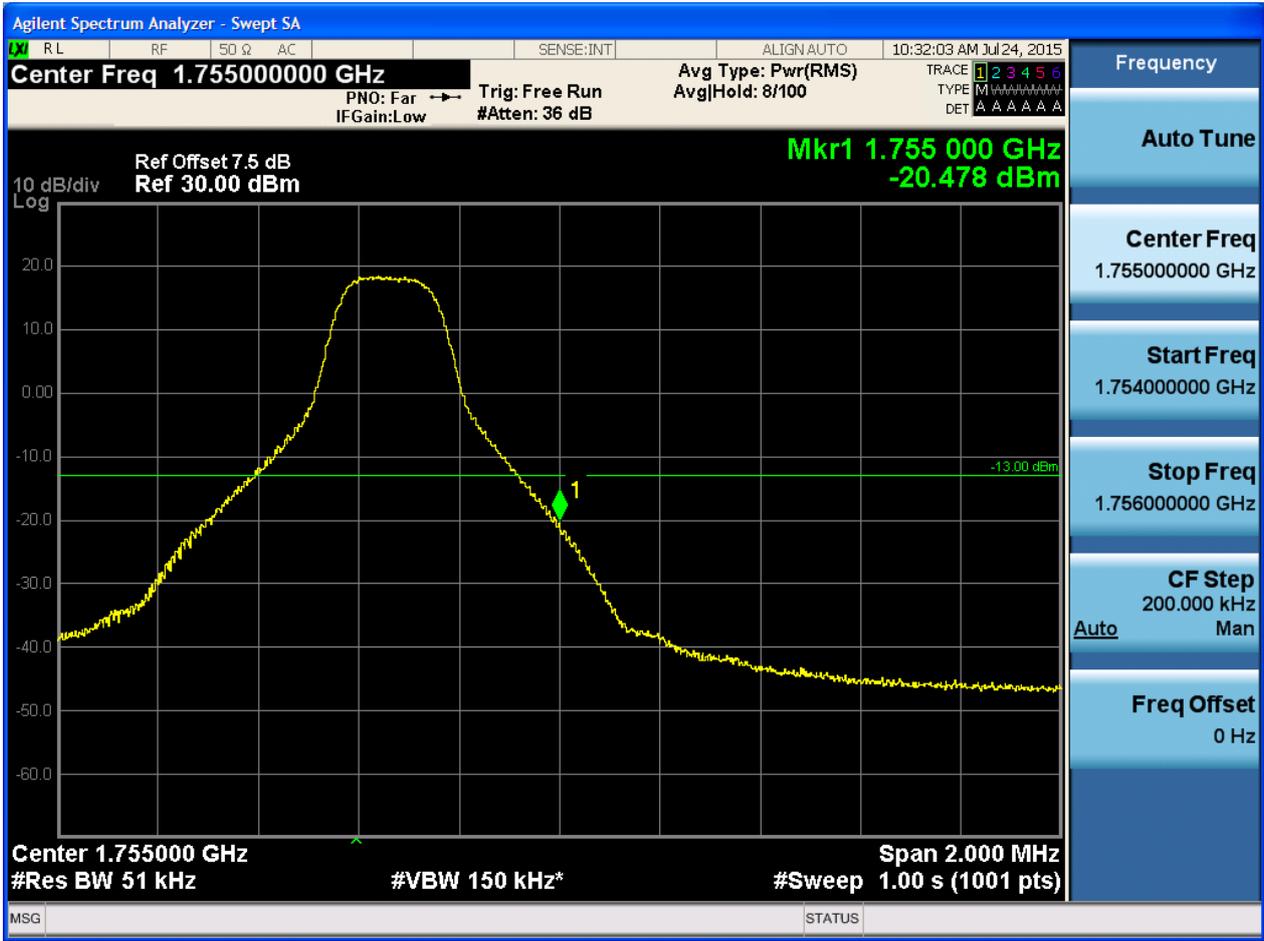
5.1.1.1.3.2 Test Channel = HCH

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

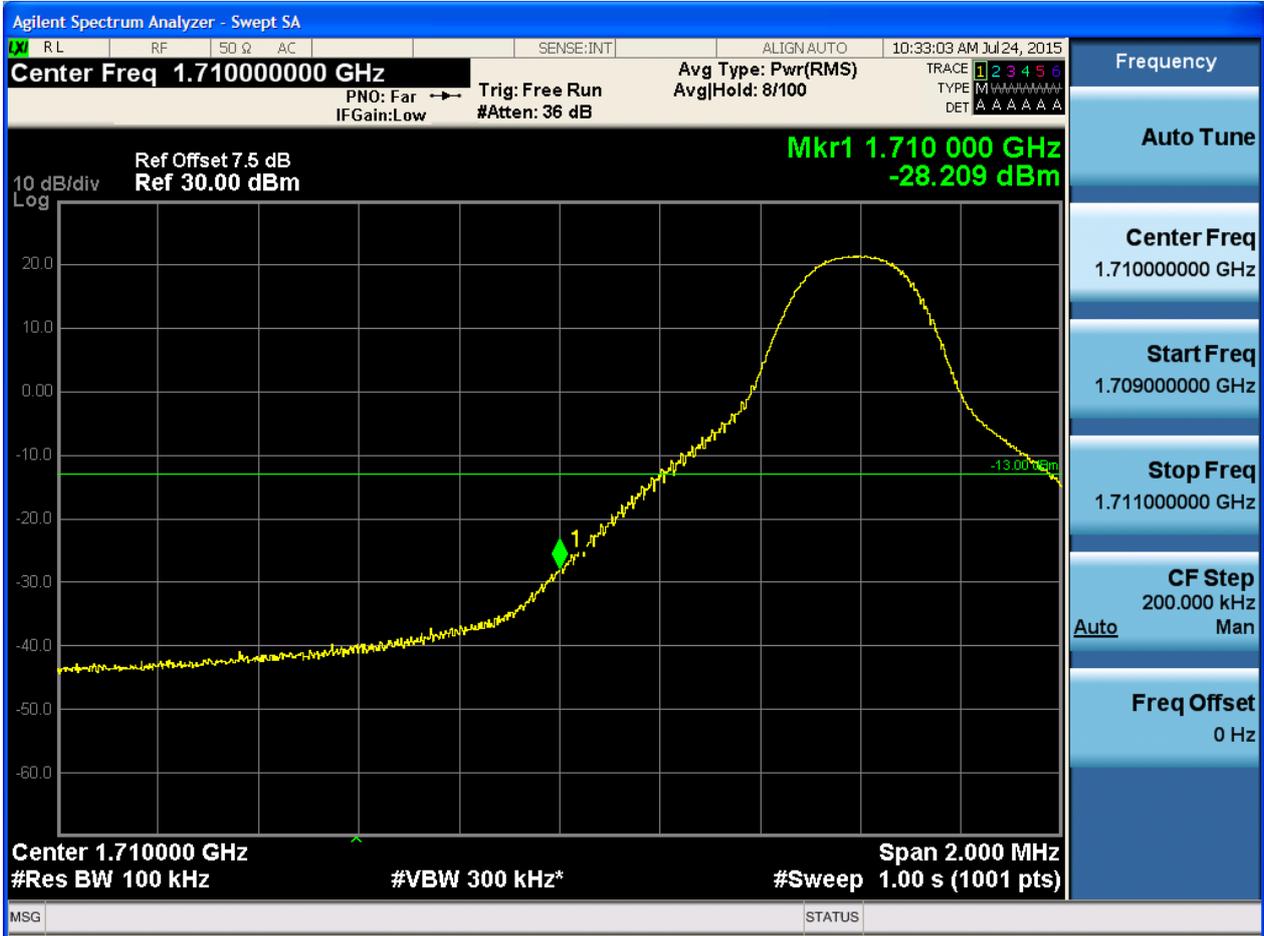




5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



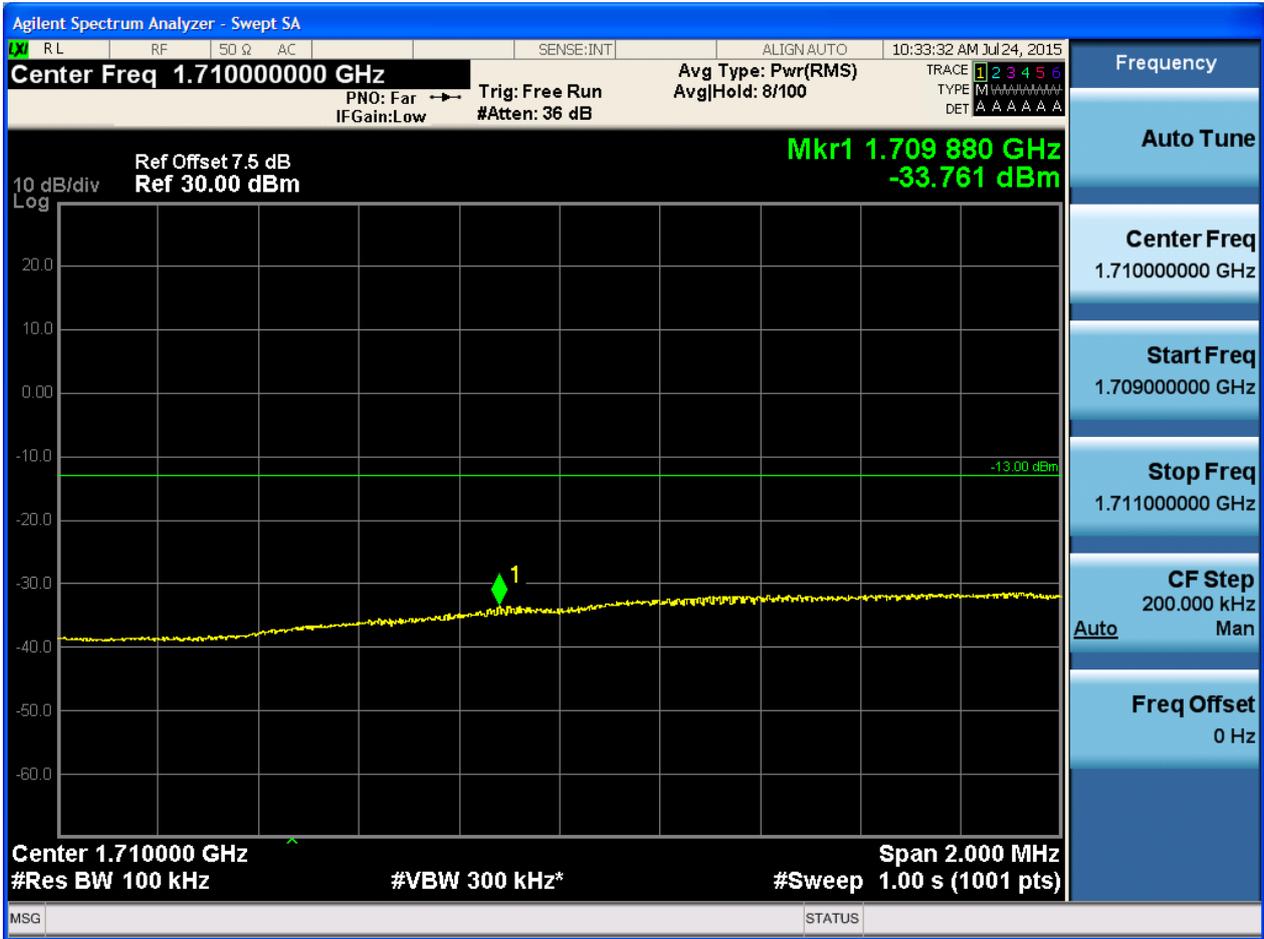


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





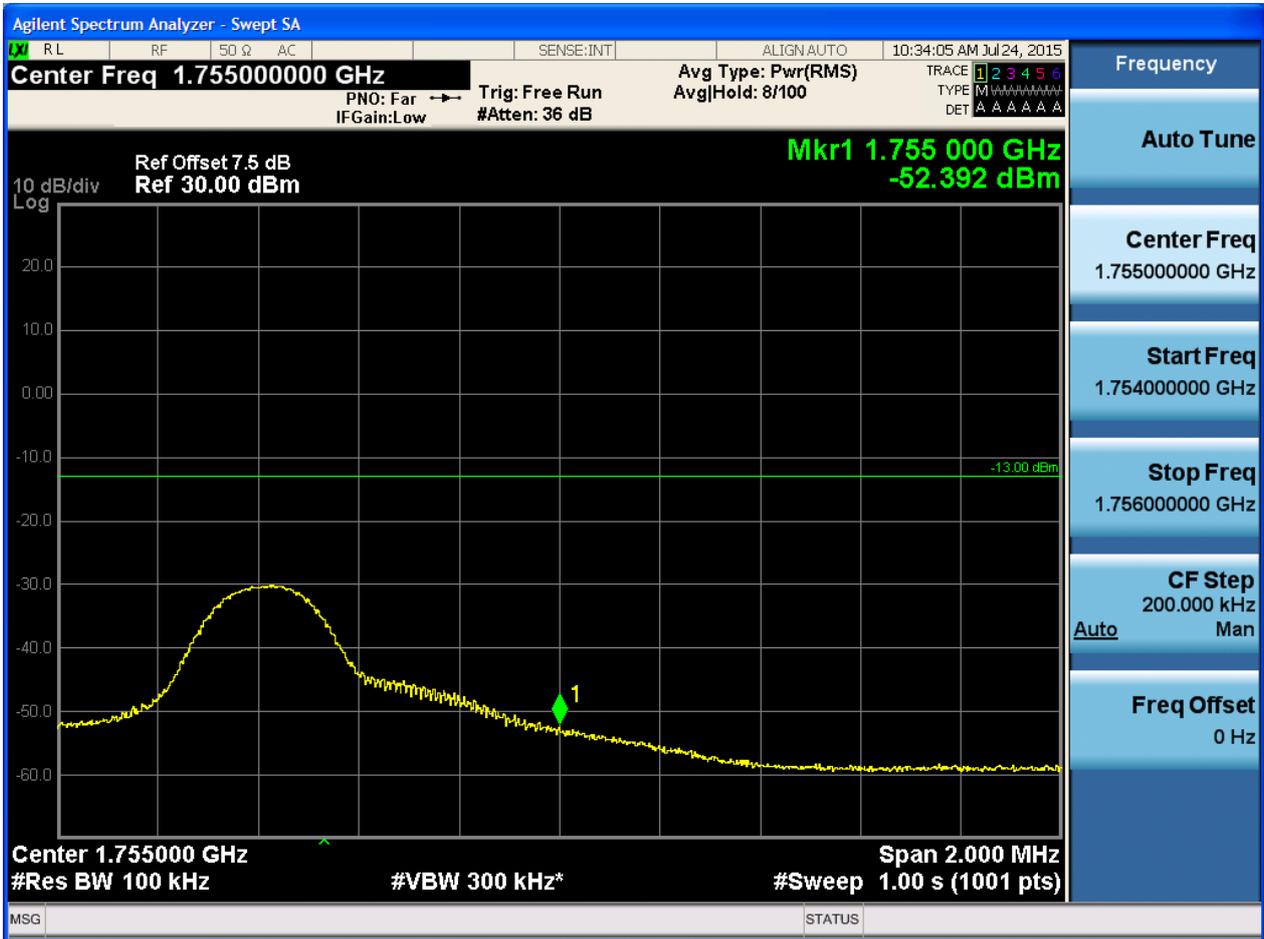
5.1.1.1.4.1.4 Test RB = RB50#0





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

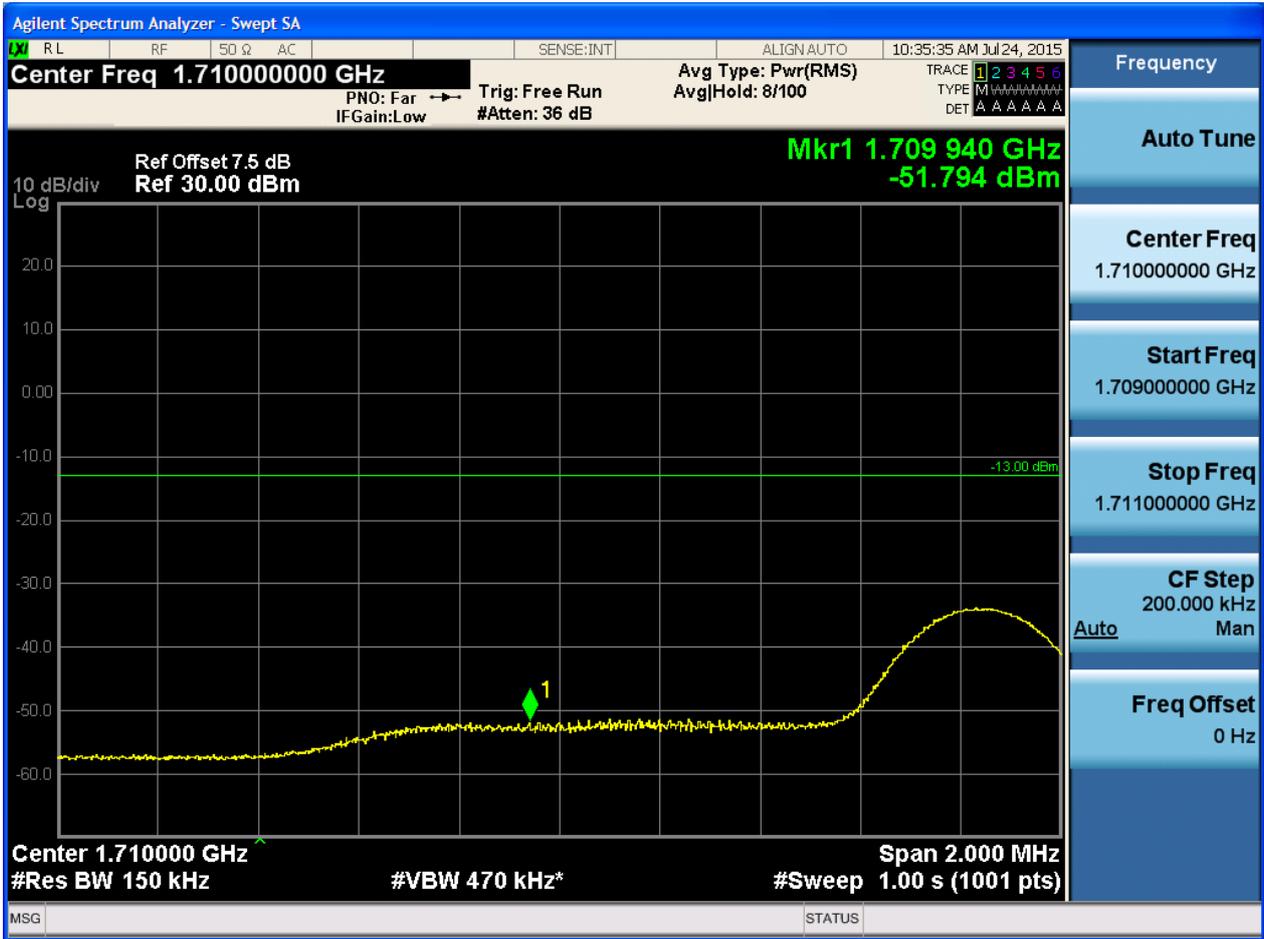
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



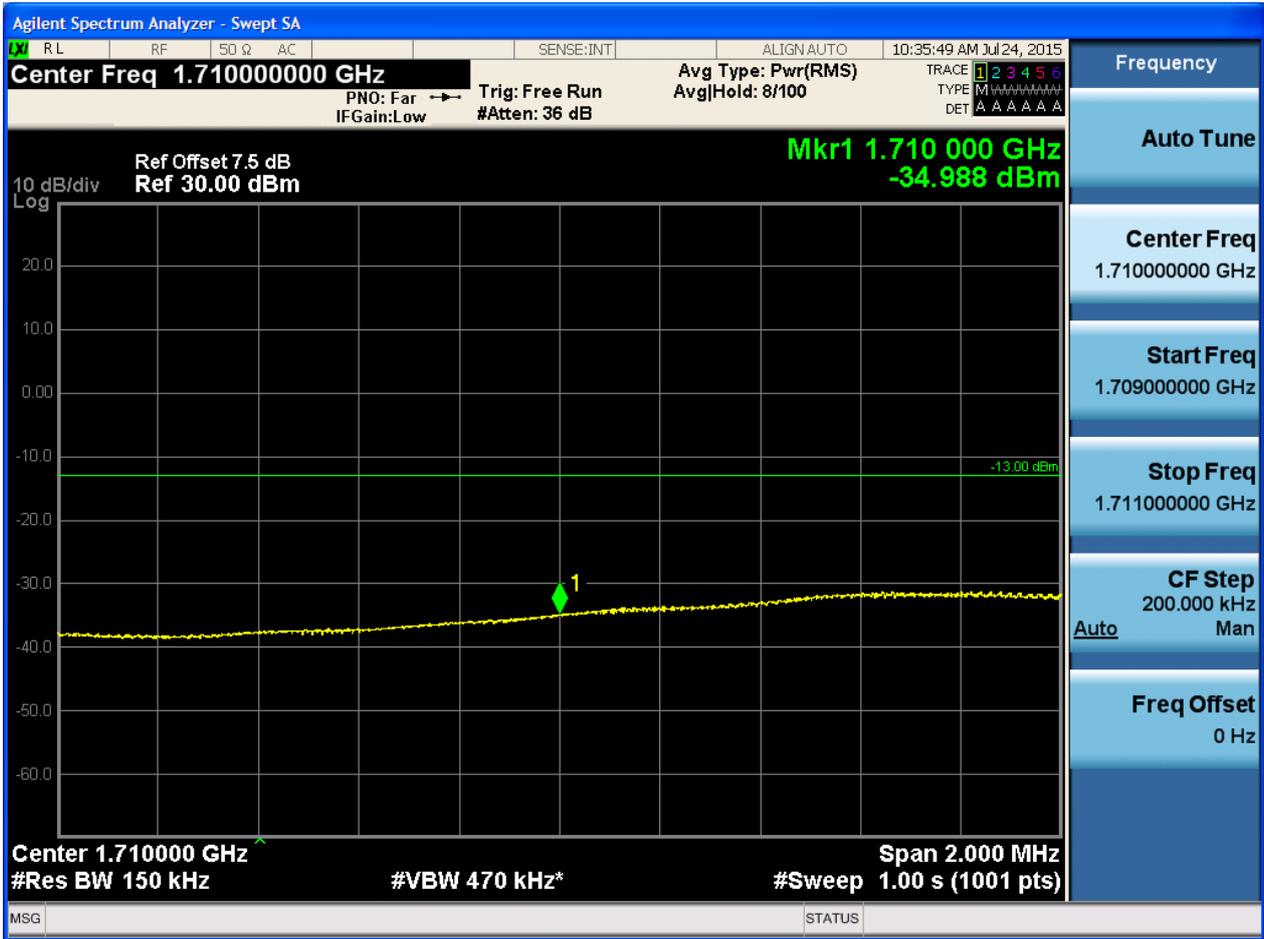


5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





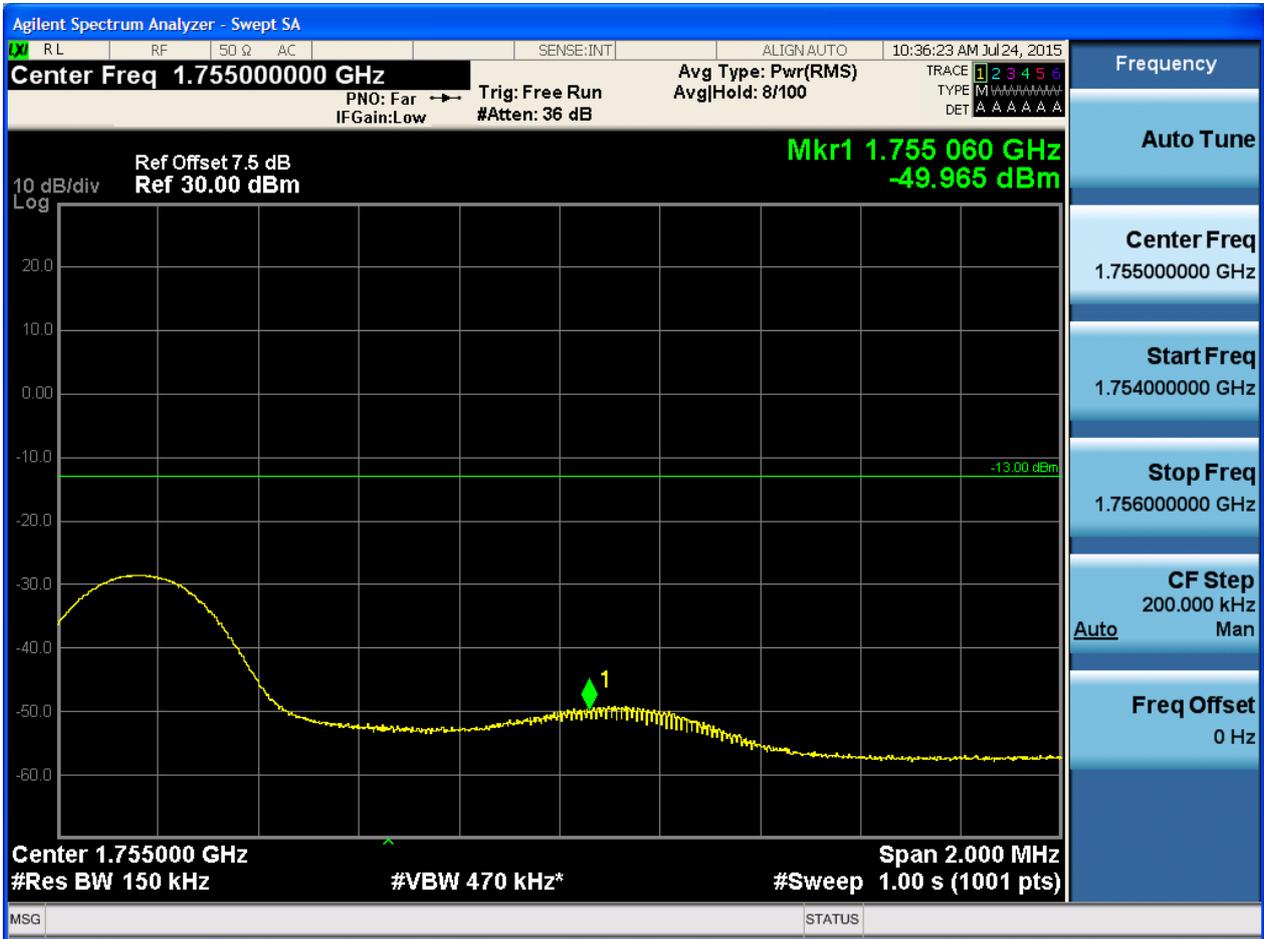
5.1.1.1.5.1.4 Test RB = RB75#0





5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



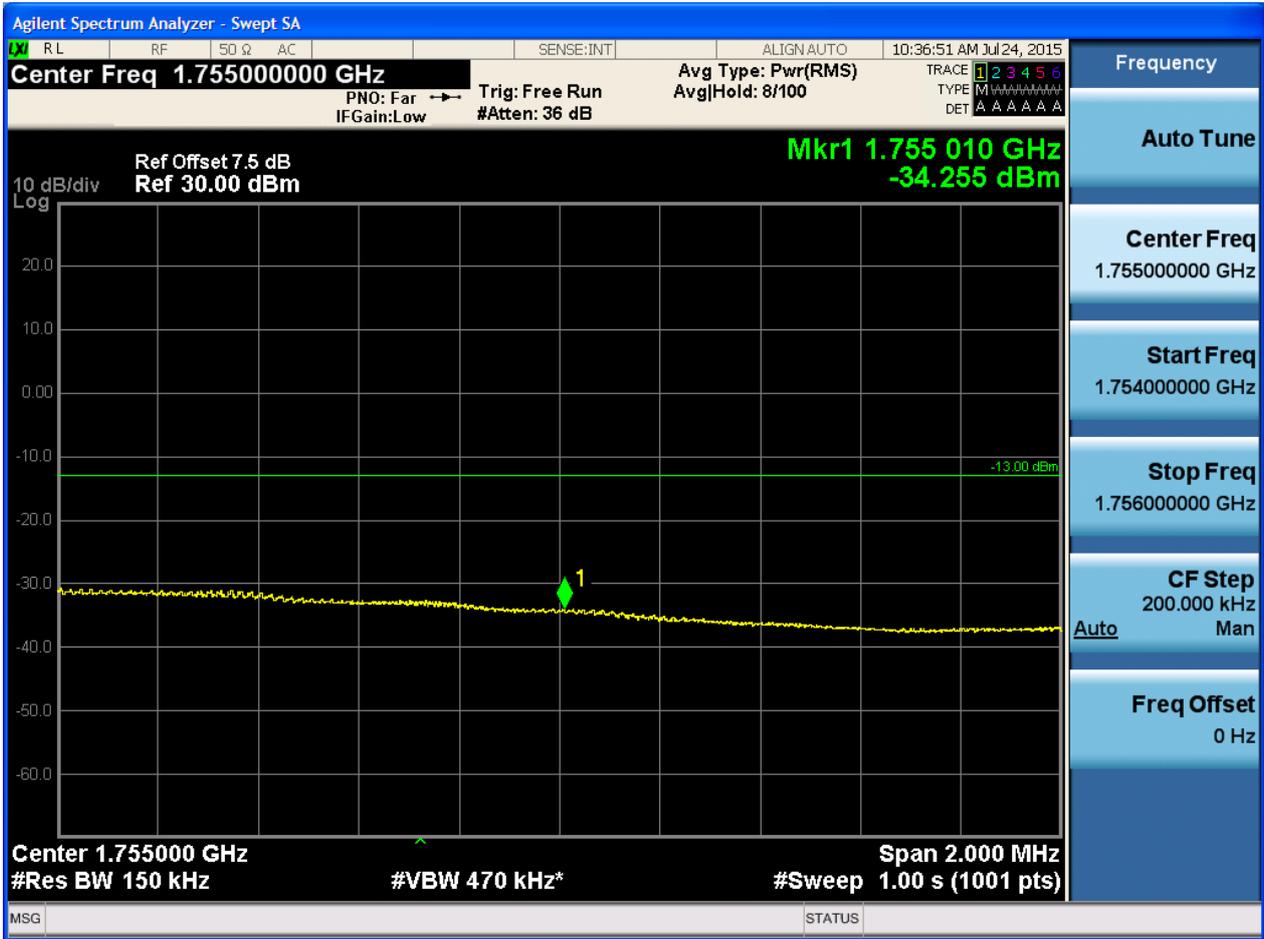


5.1.1.1.5.2.2 Test RB = RB1#74



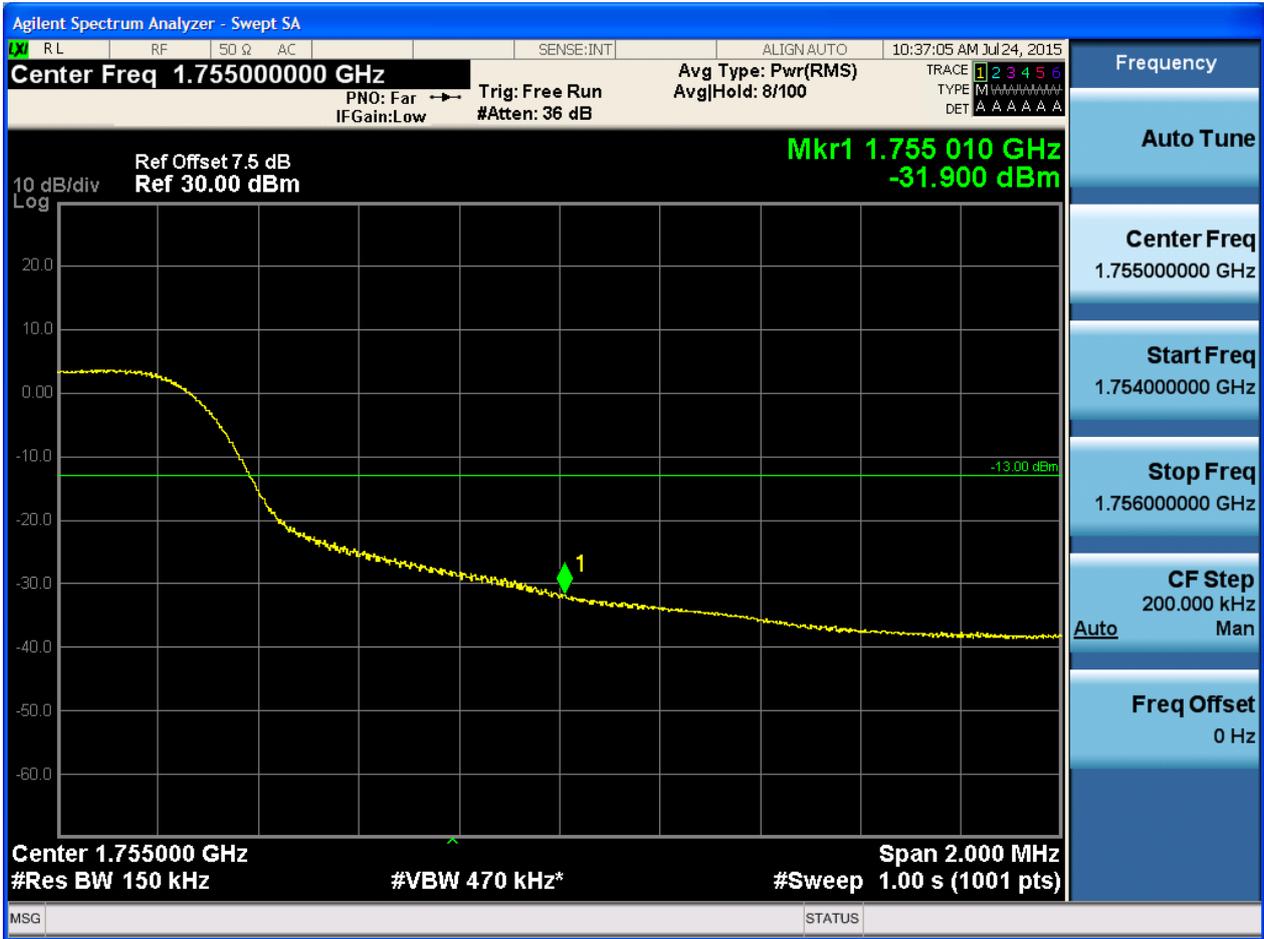


5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0





5.1.1.1.6 Test Bandwidth = 20

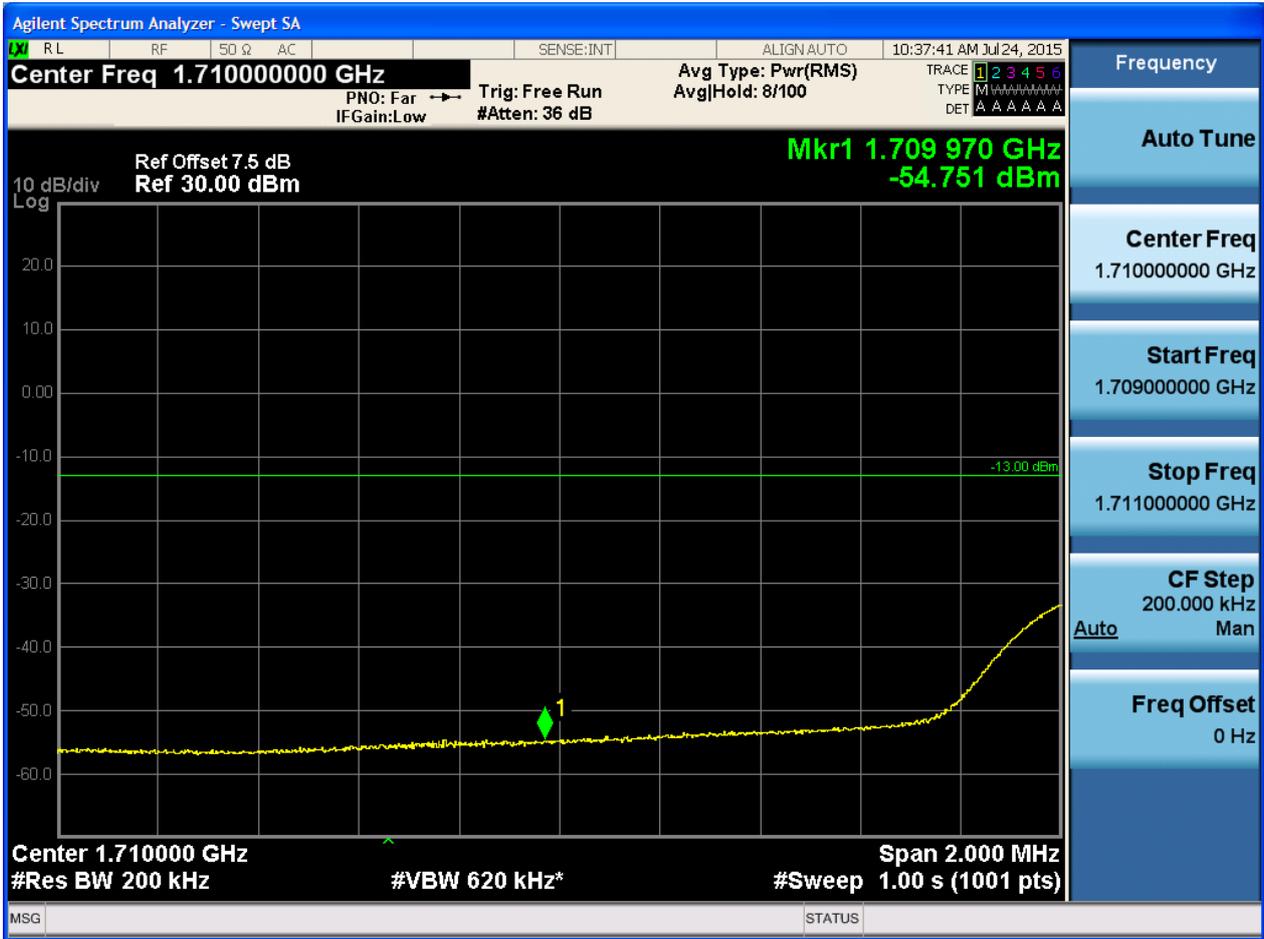
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



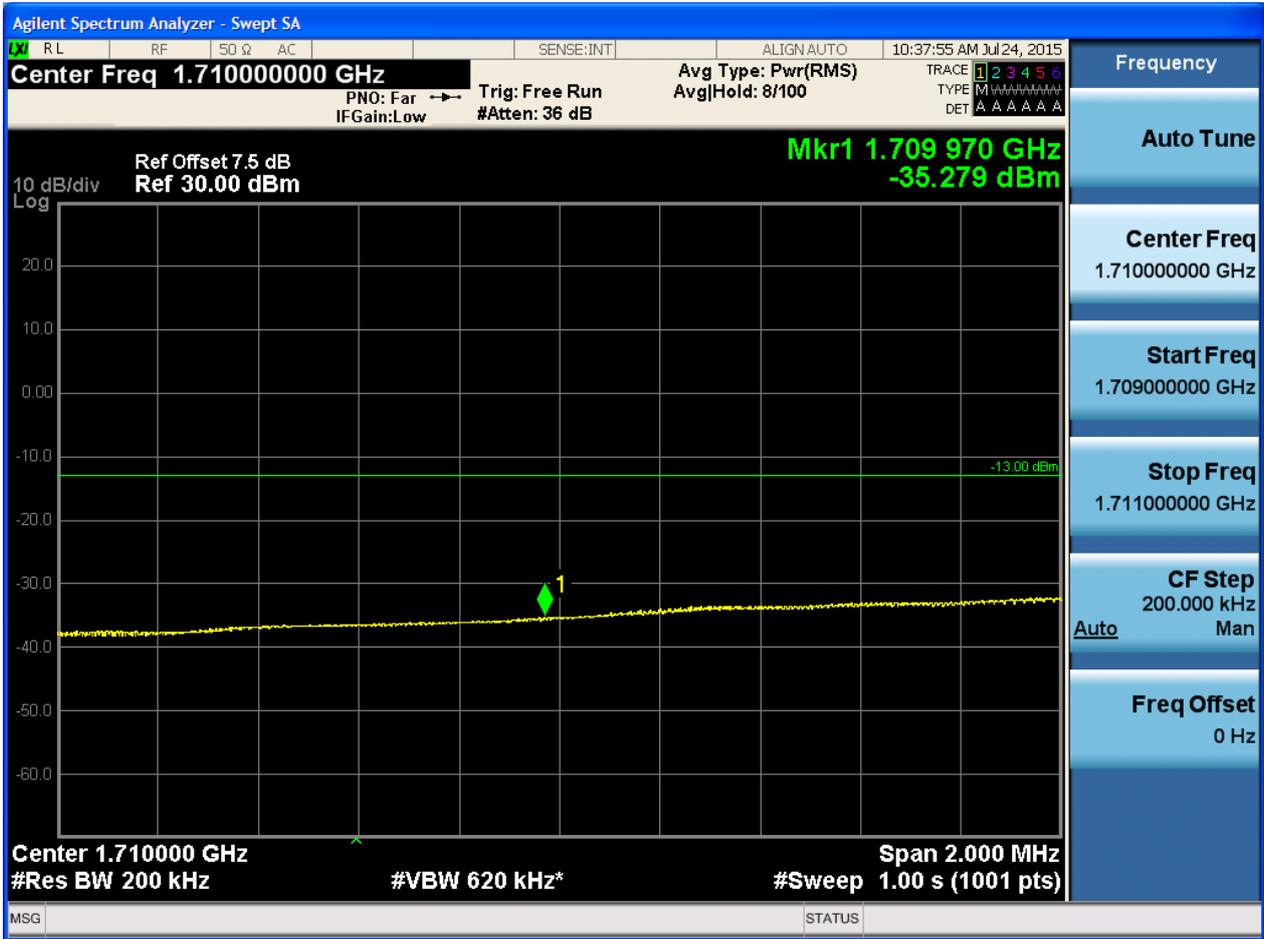


5.1.1.1.6.1.2 Test RB = RB1#99



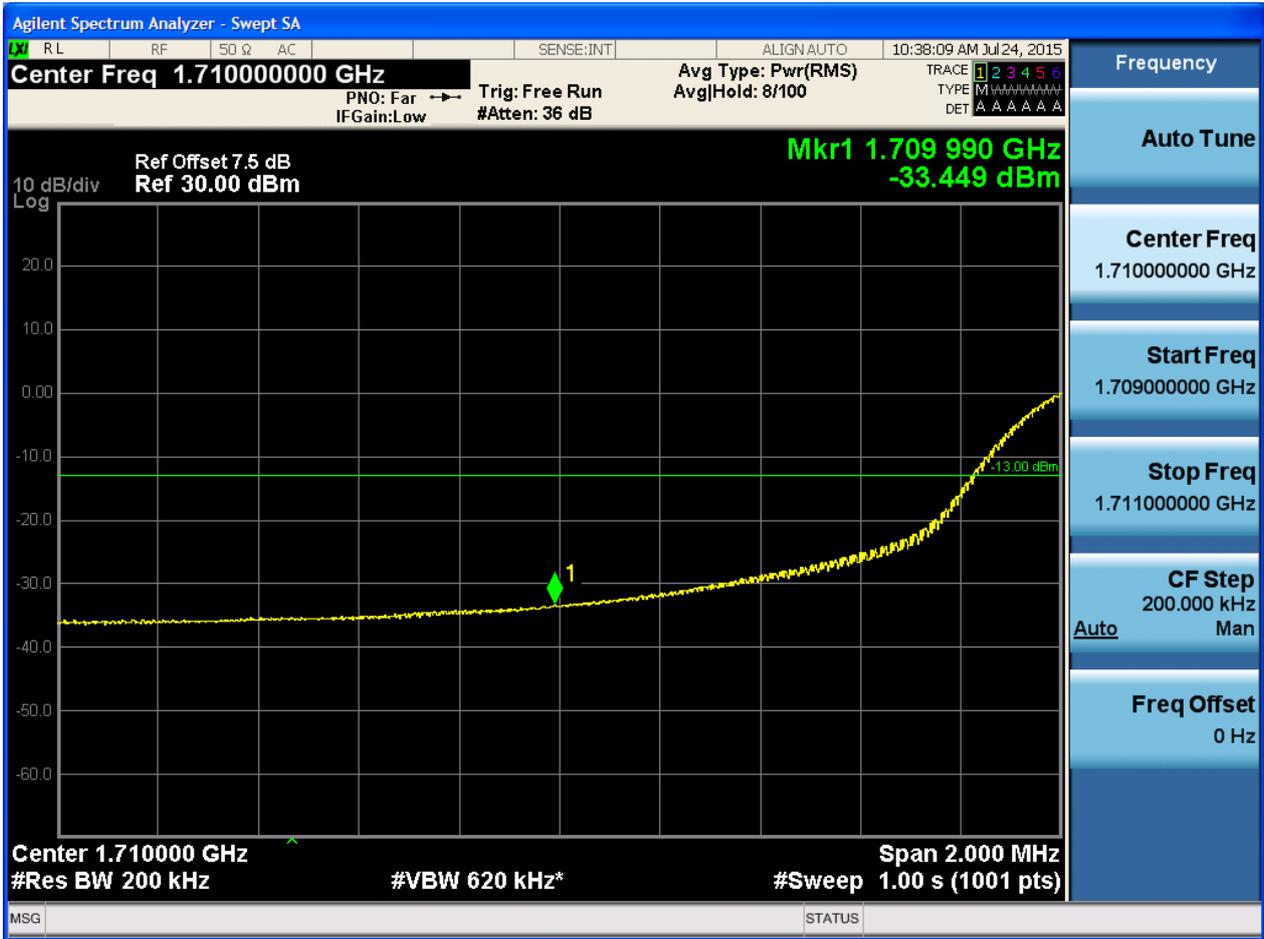


5.1.1.1.6.1.3 Test RB = RB50#25





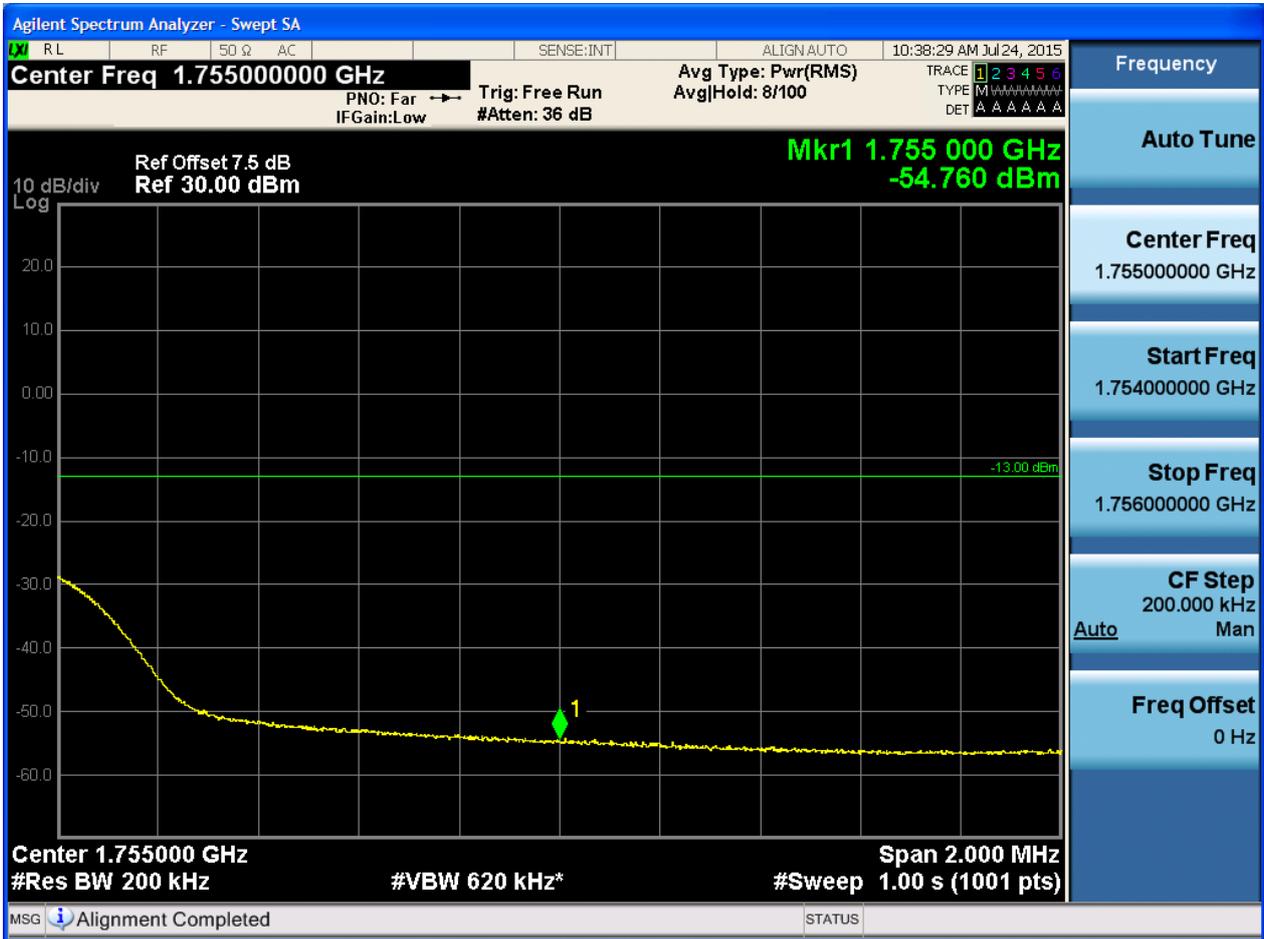
5.1.1.1.6.1.4 Test RB = RB100#0





5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0





5.1.1.1.6.2.2 Test RB = RB1#99





5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



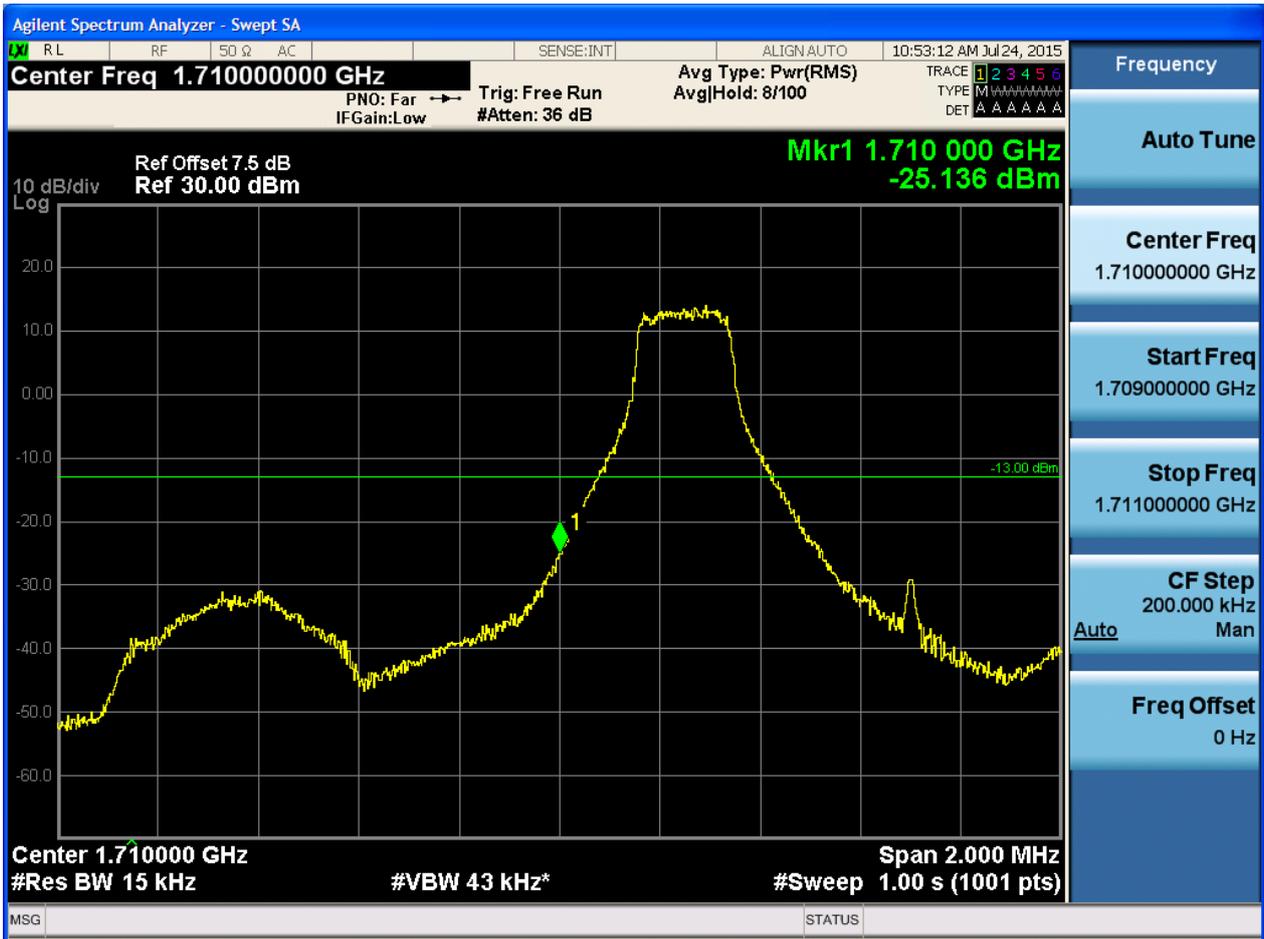


5.1.1.2 Test Mode = LTE/TM2

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



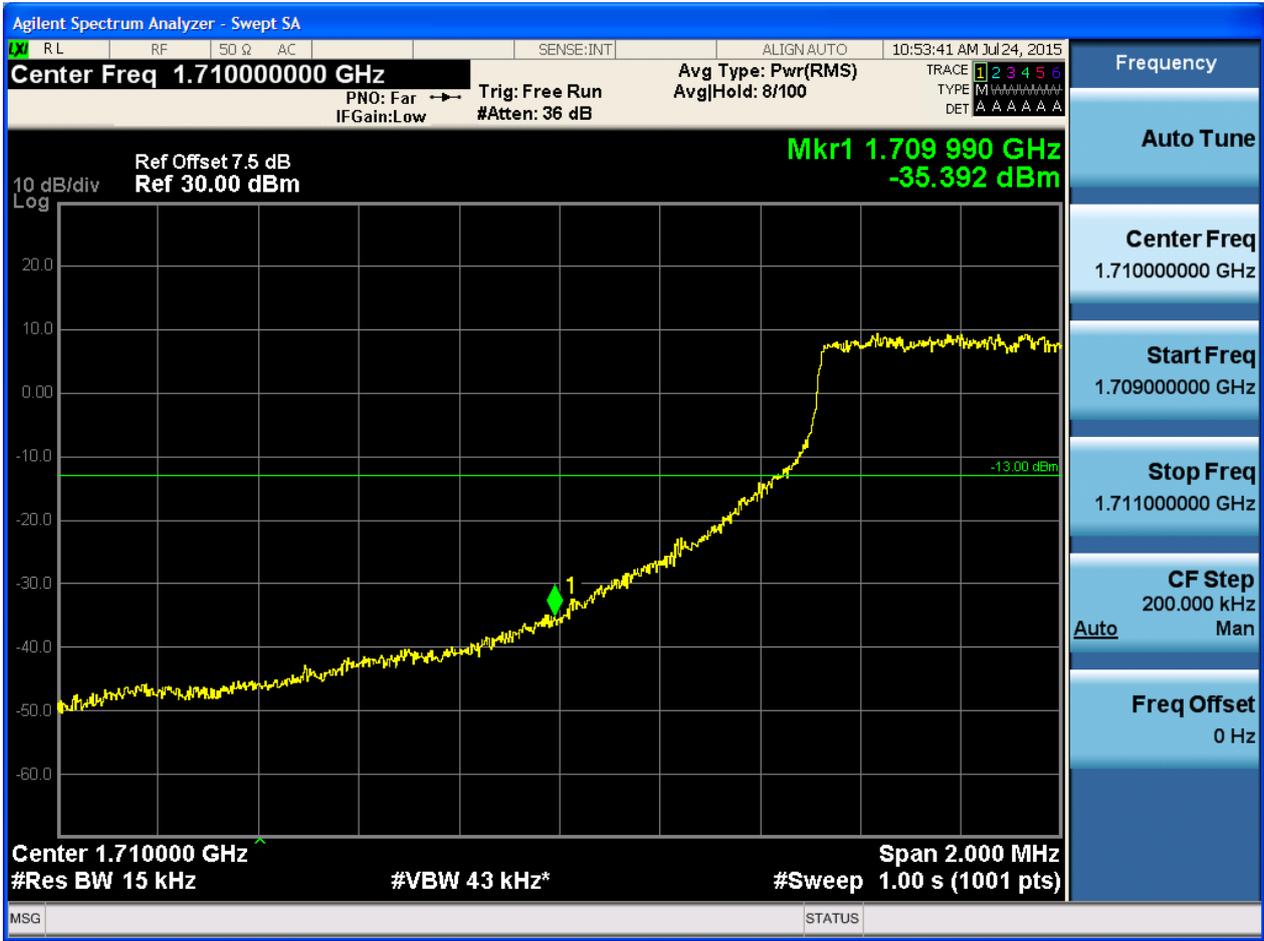


5.1.1.2.1.1.2 Test RB = RB1#5





5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB#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

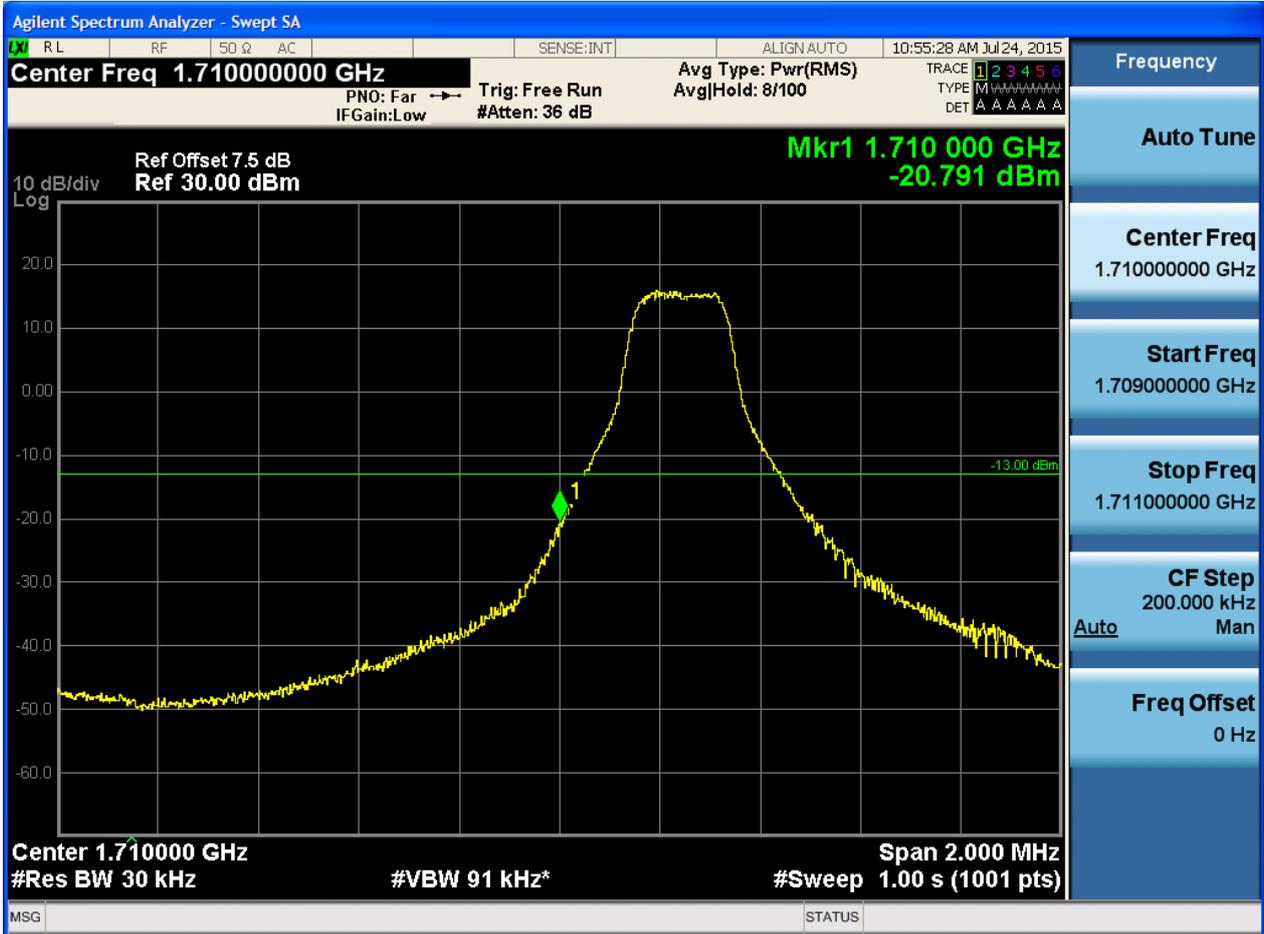




5.1.1.2.2 Test Bandwidth = 3

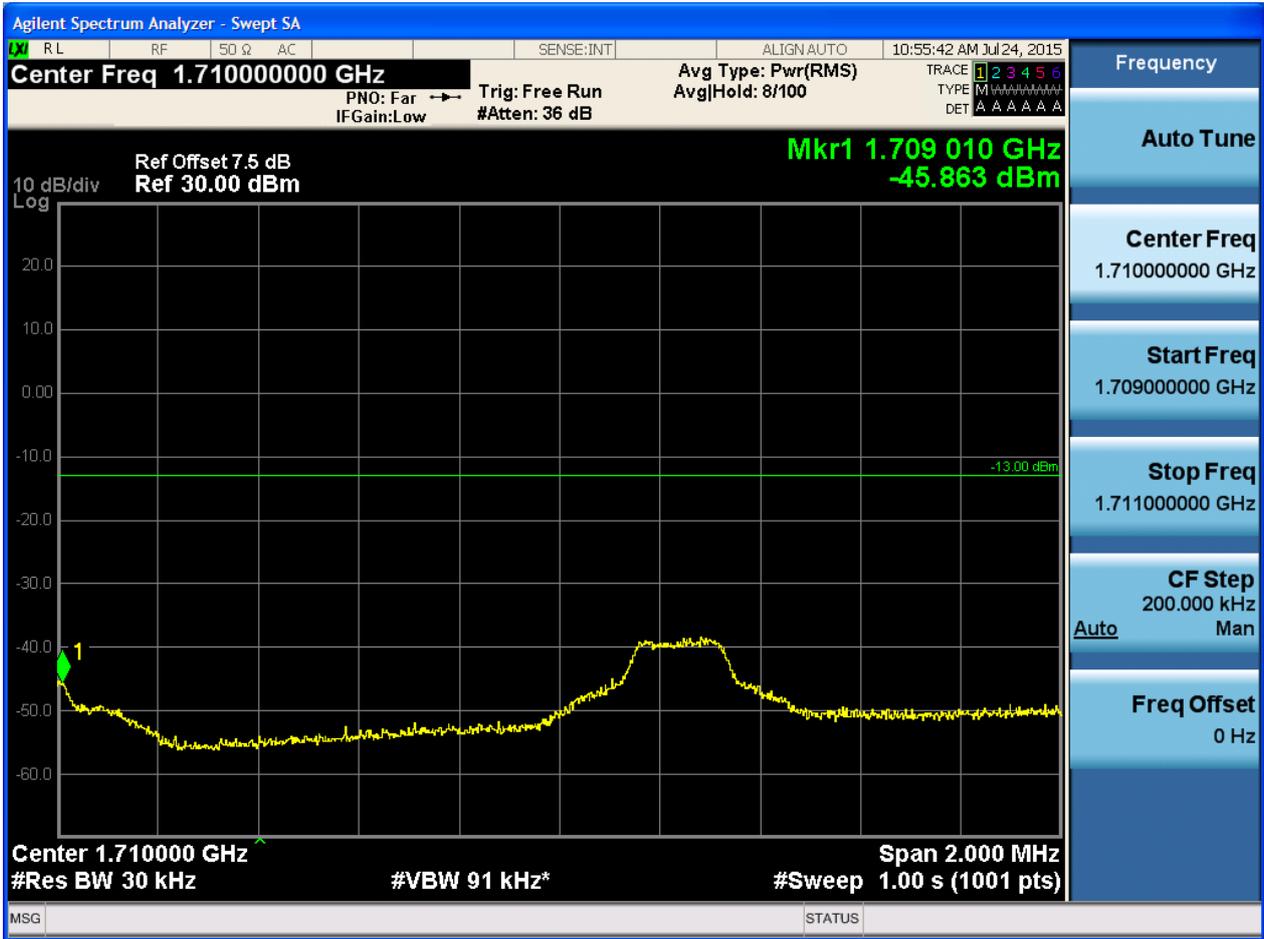
5.1.1.2.2.1 Test Channel = LCH

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 = RB8#4

