



# 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
BAND2	LTE/TM1	1.4	LCH	RB1#0	22.58	22.18	33	PASS
				RB1#3	22.73	22.33	33	PASS
				RB1#5	22.63	22.23	33	PASS
				RB3#0	22.67	22.27	33	PASS
				RB3#2	22.75	22.35	33	PASS
				RB3#3	22.76	22.36	33	PASS
			MCH	RB6#0	21.79	21.39	33	PASS
				RB1#0	23.31	22.91	33	PASS
				RB1#3	23.34	22.94	33	PASS
				RB1#5	23.18	22.78	33	PASS
				RB3#0	23.24	22.84	33	PASS
				RB3#2	23.23	22.83	33	PASS
RB3#3	23.13	22.73	33	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	22.26	21.86	33	PASS
			HCH	RB1#0	23.44	23.04	33	PASS
				RB1#3	23.08	22.68	33	PASS
				RB1#5	22.63	22.23	33	PASS
				RB3#0	23.22	22.82	33	PASS
				RB3#2	22.95	22.55	33	PASS
				RB3#3	22.75	22.35	33	PASS
				RB6#0	22.27	21.87	33	PASS
		3		LCH	RB1#0	22.73	22.33	33
			RB1#7		23.04	22.64	33	PASS
			RB1#14		22.97	22.57	33	PASS
			RB8#0		21.9	21.5	33	PASS
			RB8#4		21.98	21.58	33	PASS
			RB8#7		21.97	21.57	33	PASS
			RB15#0		21.92	21.52	33	PASS
			MCH	RB1#0	23.29	22.89	33	PASS
				RB1#7	23.44	23.04	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#14	23.15	22.75	33	PASS		
				RB8#0	22.44	22.04	33	PASS		
				RB8#4	22.46	22.06	33	PASS		
				RB8#7	22.29	21.89	33	PASS		
				RB15#0	22.4	22	33	PASS		
			HCH	RB1#0	23.72	23.32	33	PASS		
				RB1#7	23.56	23.16	33	PASS		
				RB1#14	22.29	21.89	33	PASS		
				RB8#0	22.79	22.39	33	PASS		
				RB8#4	22.62	22.22	33	PASS		
		5	LCH	RB8#7	22.21	21.81	33	PASS		
				RB15#0	22.52	22.12	33	PASS		
				RB1#0	22.99	22.59	33	PASS		
				RB1#13	23.47	23.07	33	PASS		
				RB1#24	23.1	22.7	33	PASS		
						RB12#0	22.22	21.82	33	PASS
						RB12#6	22.42	22.02	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB12#13	22.31	21.91	33	PASS		
				RB25#0	22.22	21.82	33	PASS		
			MCH	RB1#0	23.02	22.62	33	PASS		
				RB1#13	23.27	22.87	33	PASS		
				RB1#24	22.89	22.49	33	PASS		
				RB12#0	22.35	21.95	33	PASS		
				RB12#6	22.42	22.02	33	PASS		
				RB12#13	22.11	21.71	33	PASS		
				RB25#0	22.26	21.86	33	PASS		
			HCH	RB1#0	23.63	23.23	33	PASS		
				RB1#13	23.96	23.56	33	PASS		
				RB1#24	22.35	21.95	33	PASS		
				RB12#0	23.08	22.68	33	PASS		
				RB12#6	23.08	22.68	33	PASS		
				RB12#13	22.51	22.11	33	PASS		
						RB25#0	22.74	22.34	33	PASS
					10	LCH	RB1#0	22.91	22.51	33



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	23.46	23.06	33	PASS
				RB1#49	23.43	23.03	33	PASS
				RB25#0	22.27	21.87	33	PASS
				RB25#13	22.31	21.91	33	PASS
				RB25#25	22.41	22.01	33	PASS
				RB50#0	22.42	22.02	33	PASS
			MCH	RB1#0	23.17	22.77	33	PASS
				RB1#25	23.52	23.12	33	PASS
				RB1#49	23.57	23.17	33	PASS
				RB25#0	22.37	21.97	33	PASS
				RB25#13	22.53	22.13	33	PASS
				RB25#25	22.42	22.02	33	PASS
				RB50#0	22.34	21.94	33	PASS
			HCH	RB1#0	22.95	22.55	33	PASS
				RB1#25	23.6	23.2	33	PASS
				RB1#49	22.38	21.98	33	PASS
				RB25#0	22.45	22.05	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB25#13	22.64	22.24	33	PASS	
				RB25#25	22.51	22.11	33	PASS	
				RB50#0	22.39	21.99	33	PASS	
		15	LCH	RB1#0	22.82	22.42	33	PASS	
				RB1#38	23.69	23.29	33	PASS	
				RB1#74	23.12	22.72	33	PASS	
				RB38#0	22.22	21.82	33	PASS	
				RB38#19	22.47	22.07	33	PASS	
				RB38#39	22.56	22.16	33	PASS	
				RB75#0	22.42	22.02	33	PASS	
				MCH	RB1#0	22.8	22.4	33	PASS
					RB1#38	23.25	22.85	33	PASS
					RB1#74	23.01	22.61	33	PASS
					RB38#0	22.06	21.66	33	PASS
					RB38#19	22.13	21.73	33	PASS
RB38#39	22.2	21.8	33		PASS				
RB75#0	22.41	22.01	33	PASS					



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.24	22.84	33	PASS
				RB1#38	23.39	22.99	33	PASS
				RB1#74	22.5	22.1	33	PASS
				RB38#0	22.42	22.02	33	PASS
				RB38#19	22.53	22.13	33	PASS
				RB38#39	22.56	22.16	33	PASS
				RB75#0	22.39	21.99	33	PASS
		20	LCH	RB1#0	22.28	21.88	33	PASS
				RB1#50	23.6	23.2	33	PASS
				RB1#99	22.08	21.68	33	PASS
				RB50#0	22.28	21.88	33	PASS
				RB50#25	22.78	22.38	33	PASS
				RB50#50	22.46	22.06	33	PASS
				RB100#0	22.3	21.9	33	PASS
				MCH	RB1#0	22.13	21.73	33
RB1#50	23.21	22.81	33		PASS			
RB1#99	22.52	22.12	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	22.04	21.64	33	PASS
				RB50#25	22.12	21.72	33	PASS
				RB50#50	22.03	21.63	33	PASS
				RB100#0	22.29	21.89	33	PASS
			HCH	RB1#0	22.95	22.55	33	PASS
				RB1#50	23.04	22.64	33	PASS
				RB1#99	22.01	21.61	33	PASS
				RB50#0	22.41	22.01	33	PASS
				RB50#25	22.39	21.99	33	PASS
				RB50#50	22.03	21.63	33	PASS
				RB100#0	22.23	21.83	33	PASS
				LCH	RB1#0	22.11	21.71	33
			RB1#3		22.19	21.79	33	PASS
			RB1#5		22.11	21.71	33	PASS
RB3#0	21.91	21.51	33		PASS			
RB3#2	21.95	21.55	33		PASS			
RB3#3	21.98	21.58	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.8	20.4	33	PASS
			MCH	RB1#0	22.29	21.89	33	PASS
				RB1#3	22.27	21.87	33	PASS
				RB1#5	22.18	21.78	33	PASS
				RB3#0	22.33	21.93	33	PASS
				RB3#2	22.29	21.89	33	PASS
				RB3#3	22.22	21.82	33	PASS
				RB6#0	21.08	20.68	33	PASS
				HCH	RB1#0	22.44	22.04	33
			RB1#3		21.92	21.52	33	PASS
			RB1#5		21.43	21.03	33	PASS
			RB3#0		22.19	21.79	33	PASS
			RB3#2		21.87	21.47	33	PASS
			RB3#3		21.59	21.19	33	PASS
			RB6#0		21.07	20.67	33	PASS
		3	LCH		RB1#0	22.03	21.63	33
				RB1#7	22.34	21.94	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.2	21.8	33	PASS
				RB8#0	20.96	20.56	33	PASS
				RB8#4	21.04	20.64	33	PASS
				RB8#7	21.03	20.63	33	PASS
				RB15#0	21	20.6	33	PASS
			MCH	RB1#0	22.19	21.79	33	PASS
			MCH	RB1#7	22.32	21.92	33	PASS
			MCH	RB1#14	22.18	21.78	33	PASS
			MCH	RB8#0	21.21	20.81	33	PASS
			MCH	RB8#4	21.16	20.76	33	PASS
			MCH	RB8#7	21.08	20.68	33	PASS
			MCH	RB15#0	21.04	20.64	33	PASS
			HCH	RB1#0	22.97	22.57	33	PASS
			HCH	RB1#7	22.78	22.38	33	PASS
			HCH	RB1#14	21.43	21.03	33	PASS
			HCH	RB8#0	21.67	21.27	33	PASS
			HCH	RB8#4	21.54	21.14	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#7	21.04	20.64	33	PASS	
				RB15#0	21.37	20.97	33	PASS	
		5	LCH	RB1#0	22.16	21.76	33	PASS	
				RB1#13	22.56	22.16	33	PASS	
				RB1#24	22.26	21.86	33	PASS	
				RB12#0	21.22	20.82	33	PASS	
				RB12#6	21.35	20.95	33	PASS	
				RB12#13	21.25	20.85	33	PASS	
				RB25#0	21.18	20.78	33	PASS	
				MCH	RB1#0	22.22	21.82	33	PASS
					RB1#13	22.52	22.12	33	PASS
					RB1#24	22.17	21.77	33	PASS
					RB12#0	21.3	20.9	33	PASS
					RB12#6	21.28	20.88	33	PASS
					RB12#13	20.98	20.58	33	PASS
RB25#0	21.11	20.71	33		PASS				
HCH	RB1#0	22.65	22.25	33	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#13	23.02	22.62	33	PASS	
				RB1#24	21.34	20.94	33	PASS	
				RB12#0	21.76	21.36	33	PASS	
				RB12#6	21.78	21.38	33	PASS	
				RB12#13	21.25	20.85	33	PASS	
				RB25#0	21.53	21.13	33	PASS	
		10	LCH	RB1#0	21.93	21.53	33	PASS	
				RB1#25	22.47	22.07	33	PASS	
				RB1#49	22.45	22.05	33	PASS	
				RB25#0	21.14	20.74	33	PASS	
				RB25#13	21.19	20.79	33	PASS	
				RB25#25	21.31	20.91	33	PASS	
				MCH	RB50#0	21.27	20.87	33	PASS
					RB1#0	22.45	22.05	33	PASS
					RB1#25	22.72	22.32	33	PASS
					RB1#49	22.69	22.29	33	PASS
					RB25#0	21.38	20.98	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.46	21.06	33	PASS
				RB25#25	21.37	20.97	33	PASS
				RB50#0	21.25	20.85	33	PASS
			HCH	RB1#0	21.9	21.5	33	PASS
				RB1#25	22.81	22.41	33	PASS
				RB1#49	21.51	21.11	33	PASS
				RB25#0	21.42	21.02	33	PASS
				RB25#13	21.54	21.14	33	PASS
				RB25#25	21.31	20.91	33	PASS
		RB50#0	21.23	20.83	33	PASS		
		15	LCH	RB1#0	21.72	21.32	33	PASS
				RB1#38	22.57	22.17	33	PASS
				RB1#74	22.16	21.76	33	PASS
				RB38#0	21.05	20.65	33	PASS
				RB38#19	21.28	20.88	33	PASS
RB38#39	21.33			20.93	33	PASS		
			RB75#0	21.29	20.89	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.02	21.62	33	PASS
				RB1#38	22.45	22.05	33	PASS
				RB1#74	22.18	21.78	33	PASS
				RB38#0	21	20.6	33	PASS
				RB38#19	21	20.6	33	PASS
				RB38#39	21.08	20.68	33	PASS
				RB75#0	21.26	20.86	33	PASS
			HCH	RB1#0	22.17	21.77	33	PASS
				RB1#38	22.34	21.94	33	PASS
				RB1#74	21.47	21.07	33	PASS
				RB38#0	21.11	20.71	33	PASS
				RB38#19	21.29	20.89	33	PASS
				RB38#39	21.25	20.85	33	PASS
				RB75#0	21.1	20.7	33	PASS
		20	LCH	RB1#0	22.04	21.64	33	PASS
				RB1#50	22.89	22.49	33	PASS
				RB1#99	21.85	21.45	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.12	20.72	33	PASS
				RB50#25	21.55	21.15	33	PASS
				RB50#50	21.38	20.98	33	PASS
				RB100#0	21.15	20.75	33	PASS
			MCH	RB1#0	21.92	21.52	33	PASS
				RB1#50	22.36	21.96	33	PASS
				RB1#99	22.16	21.76	33	PASS
				RB50#0	21.06	20.66	33	PASS
				RB50#25	20.98	20.58	33	PASS
				RB50#50	20.93	20.53	33	PASS
				RB100#0	21.16	20.76	33	PASS
			HCH	RB1#0	22.62	22.22	33	PASS
				RB1#50	22.32	21.92	33	PASS
				RB1#99	21.65	21.25	33	PASS
				RB50#0	21.16	20.76	33	PASS
				RB50#25	21.29	20.89	33	PASS
				RB50#50	20.86	20.46	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.03	20.63	33	PASS

Note1:

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

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

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

b, SGP=Signal Generator Level

Note2:

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

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$

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

SET Sweep time=auto-couple.

Detector:RMS



## 2Appendix\_B: Peak-to-Average Ratio

### Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB1#0	5.2	13	PASS
				RB1#3	5.12	13	PASS
				RB1#5	5.13	13	PASS
				RB3#0	5.68	13	PASS
				RB3#2	5.64	13	PASS
				RB3#3	5.65	13	PASS
			RB6#0	6.01	13	PASS	
			MCH	RB1#0	4.9	13	PASS
				RB1#3	4.96	13	PASS
				RB1#5	4.93	13	PASS
				RB3#0	5.55	13	PASS
				RB3#2	5.56	13	PASS
				RB3#3	5.57	13	PASS
			RB6#0	6.01	13	PASS	
			HCH	RB1#0	4.16	13	PASS
				RB1#3	4.23	13	PASS
				RB1#5	4.39	13	PASS
				RB3#0	4.65	13	PASS
		RB3#2		4.66	13	PASS	
		RB3#3		4.84	13	PASS	
		RB6#0	5.68	13	PASS		
		3	LCH	RB1#0	5.22	13	PASS
				RB1#7	4.91	13	PASS
				RB1#14	5.17	13	PASS
				RB8#0	5.76	13	PASS
				RB8#4	5.75	13	PASS
				RB8#7	5.7	13	PASS
			RB15#0	5.94	13	PASS	
			MCH	RB1#0	5.24	13	PASS
				RB1#7	5.03	13	PASS
RB1#14	5.28			13	PASS		
RB8#0	5.84			13	PASS		
RB8#4	5.81			13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.97	13	PASS
				RB15#0	6.07	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#7	4.34	13	PASS
				RB1#14	4.61	13	PASS
				RB8#0	5.53	13	PASS
				RB8#4	5.44	13	PASS
				RB8#7	5.54	13	PASS
		RB15#0	5.61	13	PASS		
		5	LCH	RB1#0	5.66	13	PASS
				RB1#13	5.48	13	PASS
				RB1#24	5.57	13	PASS
				RB12#0	6.03	13	PASS
				RB12#6	5.96	13	PASS
				RB12#13	6.01	13	PASS
				RB25#0	6.06	13	PASS
			MCH	RB1#0	5.42	13	PASS
				RB1#13	5.59	13	PASS
				RB1#24	5.51	13	PASS
				RB12#0	5.84	13	PASS
				RB12#6	5.93	13	PASS
				RB12#13	6.03	13	PASS
				RB25#0	6.26	13	PASS
		HCH	RB1#0	5.25	13	PASS	
			RB1#13	4.37	13	PASS	
			RB1#24	4.49	13	PASS	
			RB12#0	5.93	13	PASS	
			RB12#6	5.74	13	PASS	
			RB12#13	5.78	13	PASS	
			RB25#0	5.74	13	PASS	
		10	LCH	RB1#0	5.3	13	PASS
				RB1#25	5.06	13	PASS
RB1#49	5.28			13	PASS		
RB25#0	6.11			13	PASS		
RB25#13	6.09			13	PASS		
RB25#25	5.93			13	PASS		
RB50#0	6.15			13	PASS		
MCH	RB1#0		5.44	13	PASS		
RB1#25	5.51	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.34	13	PASS
				RB25#0	6.16	13	PASS
				RB25#13	6.23	13	PASS
				RB25#25	6.1	13	PASS
				RB50#0	6.45	13	PASS
			HCH	RB1#0	5.34	13	PASS
				RB1#25	5.06	13	PASS
				RB1#49	4.62	13	PASS
				RB25#0	6.16	13	PASS
				RB25#13	6.24	13	PASS
				RB25#25	6.03	13	PASS
				RB50#0	6.36	13	PASS
		15	LCH	RB1#0	5.26	13	PASS
				RB1#38	5.04	13	PASS
				RB1#74	5.36	13	PASS
				RB38#0	6.19	13	PASS
				RB38#19	6.07	13	PASS
				RB38#39	6.26	13	PASS
			RB75#0	6.4	13	PASS	
			MCH	RB1#0	5.14	13	PASS
				RB1#38	5.2	13	PASS
				RB1#74	5.34	13	PASS
				RB38#0	6.23	13	PASS
				RB38#19	6.43	13	PASS
		RB38#39		6.3	13	PASS	
		RB75#0	6.67	13	PASS		
		HCH	RB1#0	5.49	13	PASS	
			RB1#38	5.63	13	PASS	
			RB1#74	4.89	13	PASS	
			RB38#0	6.26	13	PASS	
RB38#19	6.31		13	PASS			
RB38#39	6.17		13	PASS			
RB75#0	6.58	13	PASS				
20	LCH	RB1#0	5.89	13	PASS		
		RB1#50	5.46	13	PASS		
		RB1#99	5.86	13	PASS		
		RB50#0	6.05	13	PASS		
		RB50#25	6.24	13	PASS		
		RB50#50	6.28	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB100#0	6.41	13	PASS	
			MCH	RB1#0	5.9	13	PASS	
				RB1#50	5.55	13	PASS	
				RB1#99	5.73	13	PASS	
				RB50#0	6.31	13	PASS	
				RB50#25	6.63	13	PASS	
				RB50#50	6.47	13	PASS	
				RB100#0	6.65	13	PASS	
			HCH	RB1#0	5.46	13	PASS	
				RB1#50	5.32	13	PASS	
				RB1#99	5.36	13	PASS	
				RB50#0	6.25	13	PASS	
				RB50#25	6.32	13	PASS	
				RB50#50	6.36	13	PASS	
	RB100#0	6.59		13	PASS			
		LTE/TM2	1.4	LCH	RB1#0	5.81	13	PASS
					RB1#3	6	13	PASS
					RB1#5	5.78	13	PASS
					RB3#0	6.06	13	PASS
					RB3#2	6.23	13	PASS
					RB3#3	6.14	13	PASS
					RB6#0	6.67	13	PASS
				MCH	RB1#0	5.88	13	PASS
					RB1#3	5.94	13	PASS
					RB1#5	5.9	13	PASS
					RB3#0	6.29	13	PASS
					RB3#2	6.47	13	PASS
					RB3#3	6.32	13	PASS
					RB6#0	6.62	13	PASS
			HCH	RB1#0	4.8	13	PASS	
				RB1#3	4.92	13	PASS	
				RB1#5	4.86	13	PASS	
				RB3#0	5.36	13	PASS	
RB3#2				5.46	13	PASS		
RB3#3	5.5	13		PASS				
RB6#0	6.21	13		PASS				
3	LCH	RB1#0	6.12	13	PASS			
		RB1#7	5.75	13	PASS			
		RB1#14	6.13	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.3	13	PASS
				RB8#4	6.18	13	PASS
				RB8#7	6.23	13	PASS
				RB15#0	6.65	13	PASS
			MCH	RB1#0	5.98	13	PASS
				RB1#7	5.74	13	PASS
				RB1#14	5.76	13	PASS
				RB8#0	6.25	13	PASS
				RB8#4	6.28	13	PASS
				RB8#7	5.91	13	PASS
			HCH	RB15#0	6.67	13	PASS
				RB1#0	5.57	13	PASS
				RB1#7	4.83	13	PASS
				RB1#14	5.16	13	PASS
				RB8#0	6.02	13	PASS
				RB8#4	5.98	13	PASS
		5	LCH	RB8#7	5.99	13	PASS
				RB15#0	6.35	13	PASS
				RB1#0	6.18	13	PASS
				RB1#13	6.24	13	PASS
				RB1#24	6.11	13	PASS
				RB12#0	6.65	13	PASS
				RB12#6	6.71	13	PASS
				RB12#13	6.7	13	PASS
			MCH	RB25#0	6.69	13	PASS
				RB1#0	6.04	13	PASS
				RB1#13	6.27	13	PASS
				RB1#24	5.98	13	PASS
				RB12#0	6.74	13	PASS
				RB12#6	7.01	13	PASS
				RB12#13	6.45	13	PASS
			HCH	RB25#0	6.95	13	PASS
RB1#0	5.58	13		PASS			
RB1#13	5.28	13		PASS			
RB1#24	4.96	13		PASS			
RB12#0	6.62	13		PASS			
RB12#6	6.43	13		PASS			
				RB12#13	6.26	13	PASS
				RB25#0	6.81	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.93	13	PASS
				RB1#25	5.93	13	PASS
				RB1#49	6.24	13	PASS
				RB25#0	6.71	13	PASS
				RB25#13	6.86	13	PASS
				RB25#25	6.58	13	PASS
				RB50#0	6.63	13	PASS
			MCH	RB1#0	6.08	13	PASS
				RB1#25	6.45	13	PASS
				RB1#49	6.23	13	PASS
				RB25#0	6.81	13	PASS
				RB25#13	6.57	13	PASS
				RB25#25	6.68	13	PASS
				RB50#0	6.84	13	PASS
		HCH	RB1#0	5.8	13	PASS	
			RB1#25	5.86	13	PASS	
			RB1#49	5.17	13	PASS	
			RB25#0	6.62	13	PASS	
			RB25#13	6.95	13	PASS	
			RB25#25	6.47	13	PASS	
			RB50#0	7.34	13	PASS	
		15	LCH	RB1#0	6.42	13	PASS
				RB1#38	6.17	13	PASS
				RB1#74	6.35	13	PASS
				RB38#0	6.75	13	PASS
				RB38#19	6.82	13	PASS
				RB38#39	6.66	13	PASS
				RB75#0	6.99	13	PASS
MCH	RB1#0		6.17	13	PASS		
	RB1#38		6.41	13	PASS		
	RB1#74		5.95	13	PASS		
	RB38#0		7.02	13	PASS		
	RB38#19		6.88	13	PASS		
	RB38#39		6.95	13	PASS		
	RB75#0		7.33	13	PASS		
HCH	RB1#0	5.95	13	PASS			
	RB1#38	5.98	13	PASS			
	RB1#74	5.32	13	PASS			
	RB38#0	7.07	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#19	7.13	13	PASS	
				RB38#39	7.06	13	PASS	
				RB75#0	7.47	13	PASS	
		20	LCH	RB1#0	6.53	13	PASS	
				RB1#50	6.09	13	PASS	
				RB1#99	6.66	13	PASS	
				RB50#0	6.73	13	PASS	
				RB50#25	6.89	13	PASS	
				RB50#50	6.99	13	PASS	
				RB100#0	7.14	13	PASS	
				MCH	RB1#0	6.23	13	PASS
					RB1#50	5.76	13	PASS
					RB1#99	5.9	13	PASS
					RB50#0	7.01	13	PASS
					RB50#25	6.86	13	PASS
					RB50#50	6.85	13	PASS
					RB100#0	7.15	13	PASS
				HCH	RB1#0	5.99	13	PASS
					RB1#50	5.99	13	PASS
					RB1#99	5.53	13	PASS
					RB50#0	6.87	13	PASS
RB50#25	6.98	13	PASS					
RB50#50	7.05	13	PASS					
RB100#0	7.1	13	PASS					

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

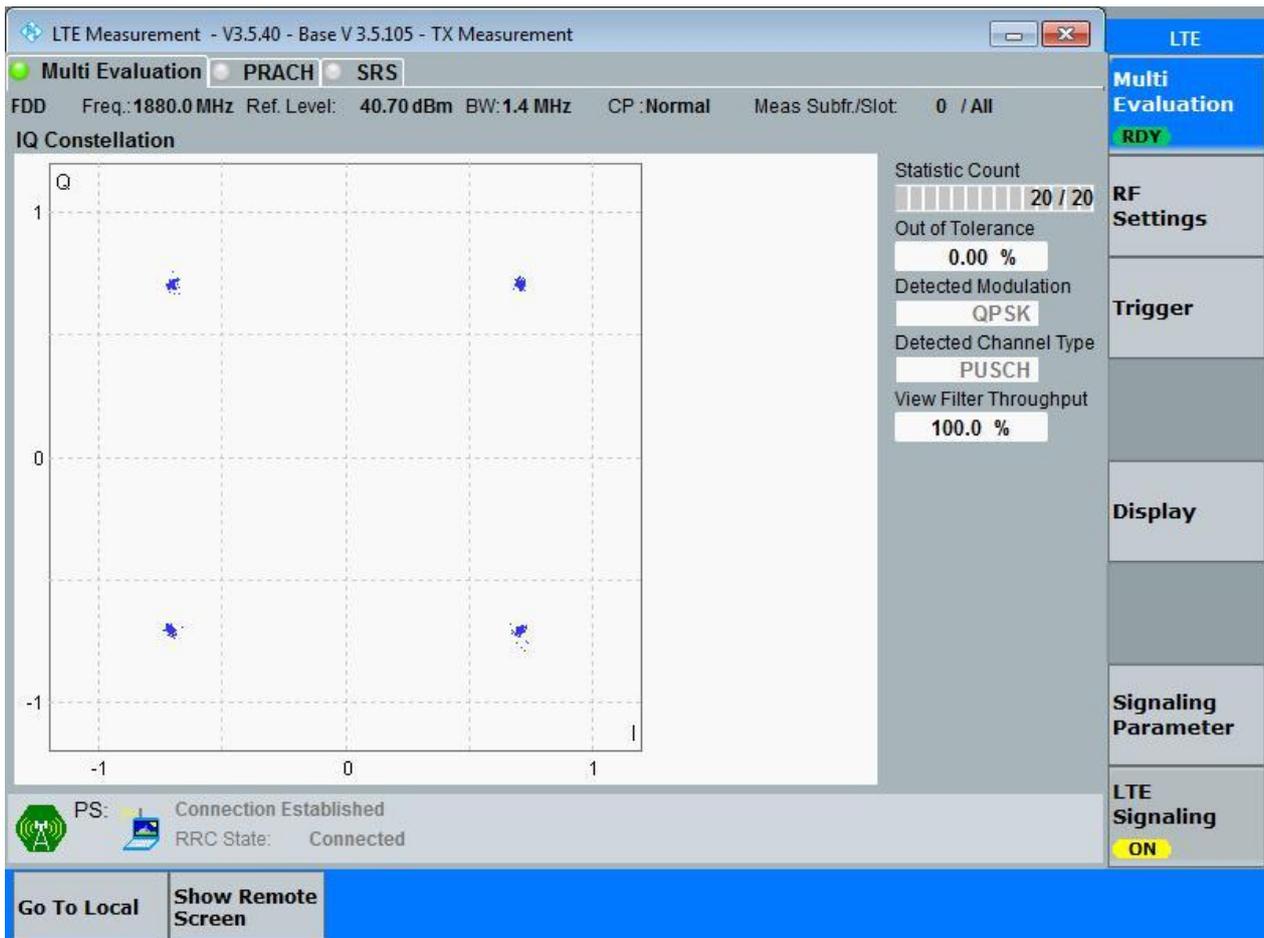
##### 3.1.1 Test Band = BAND2

##### 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

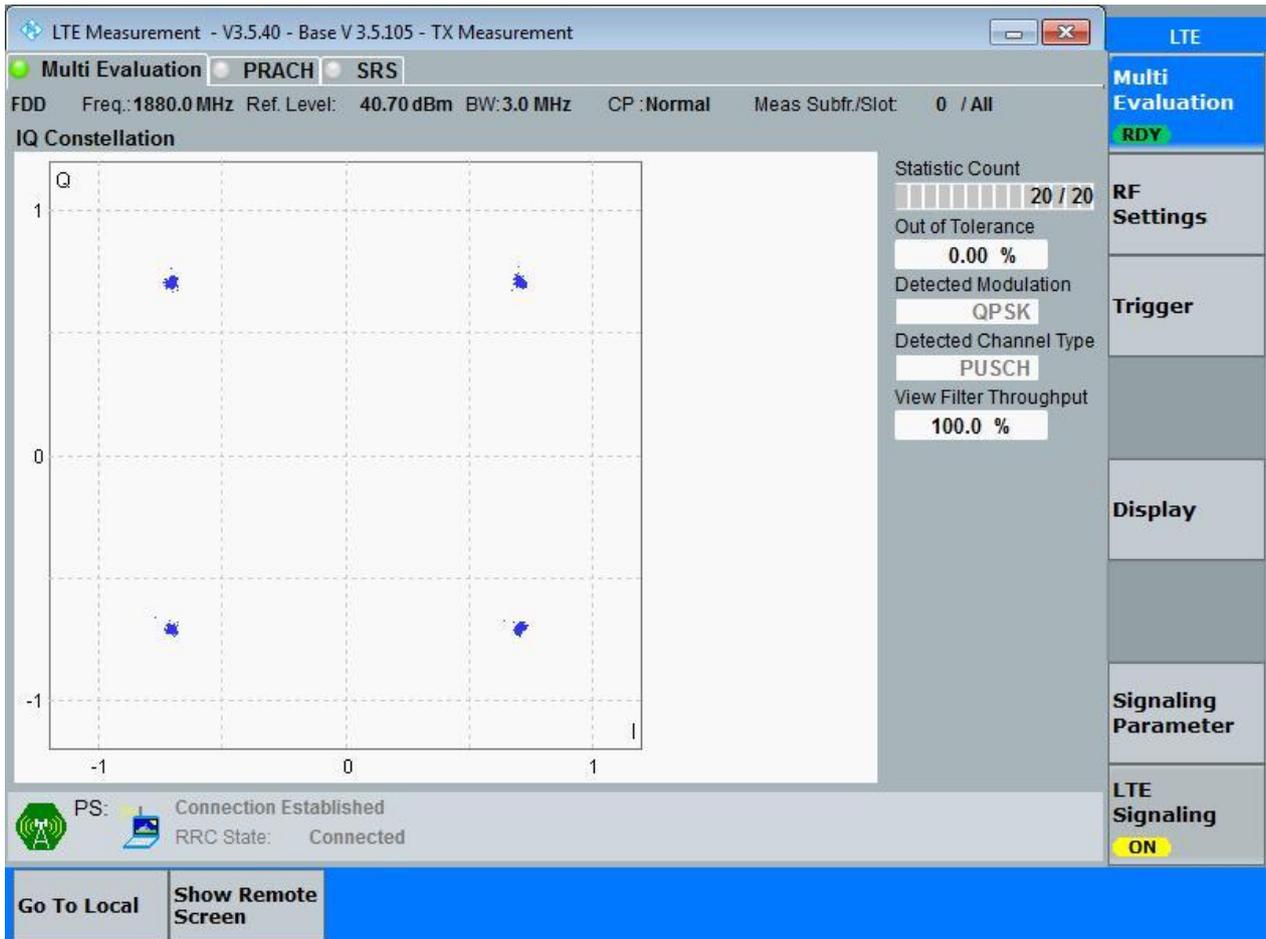
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

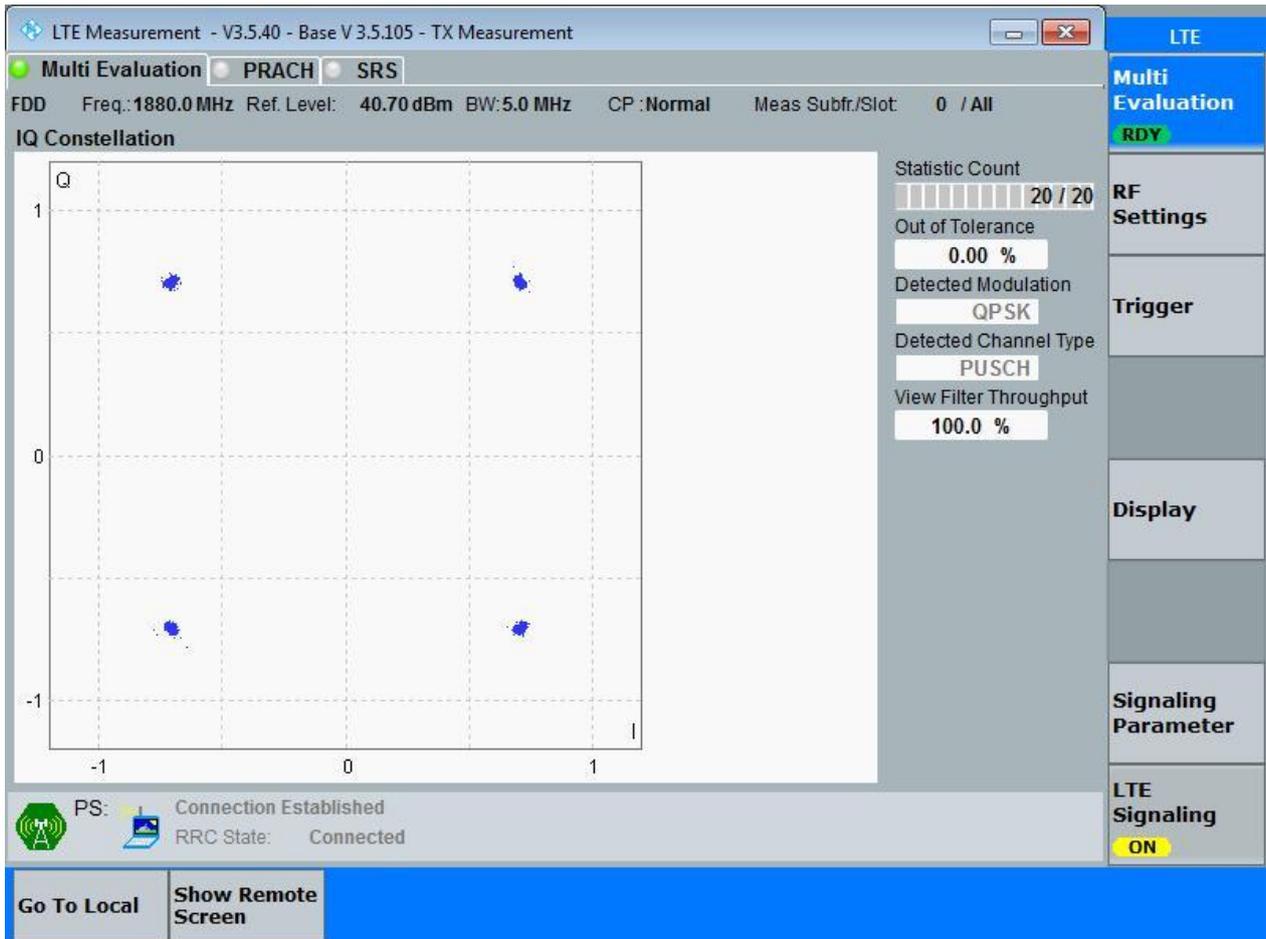
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

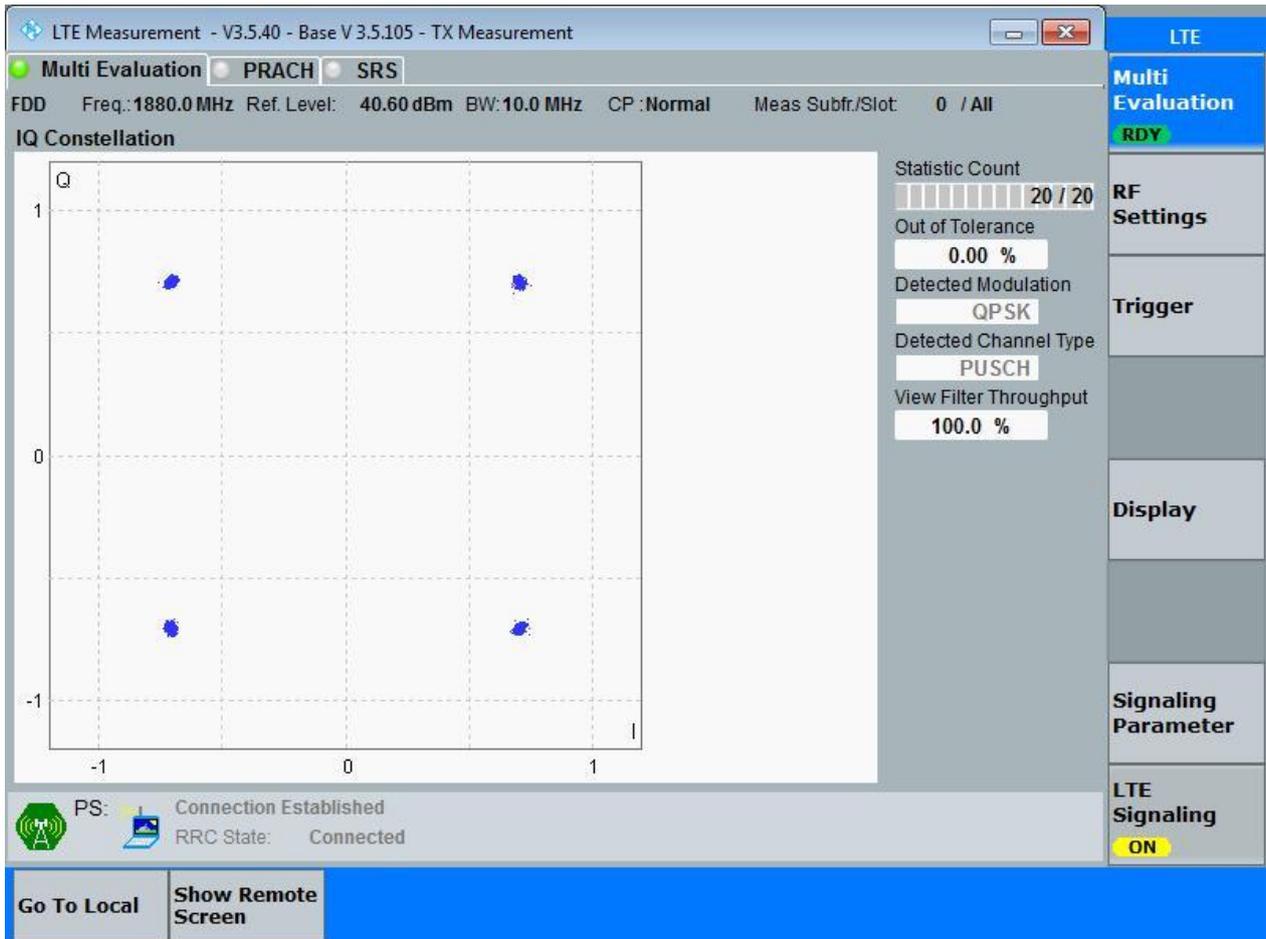
##### 3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

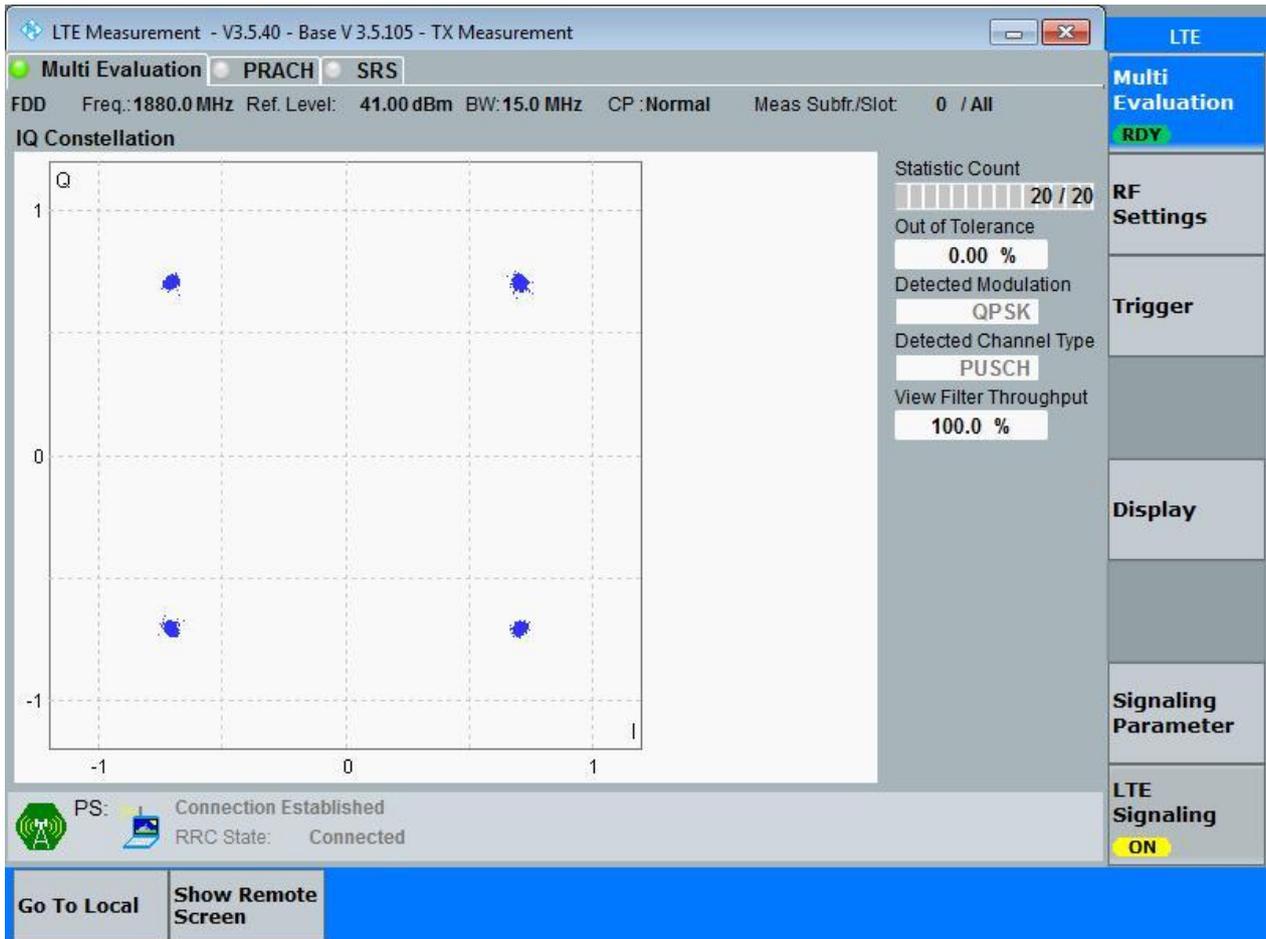
3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

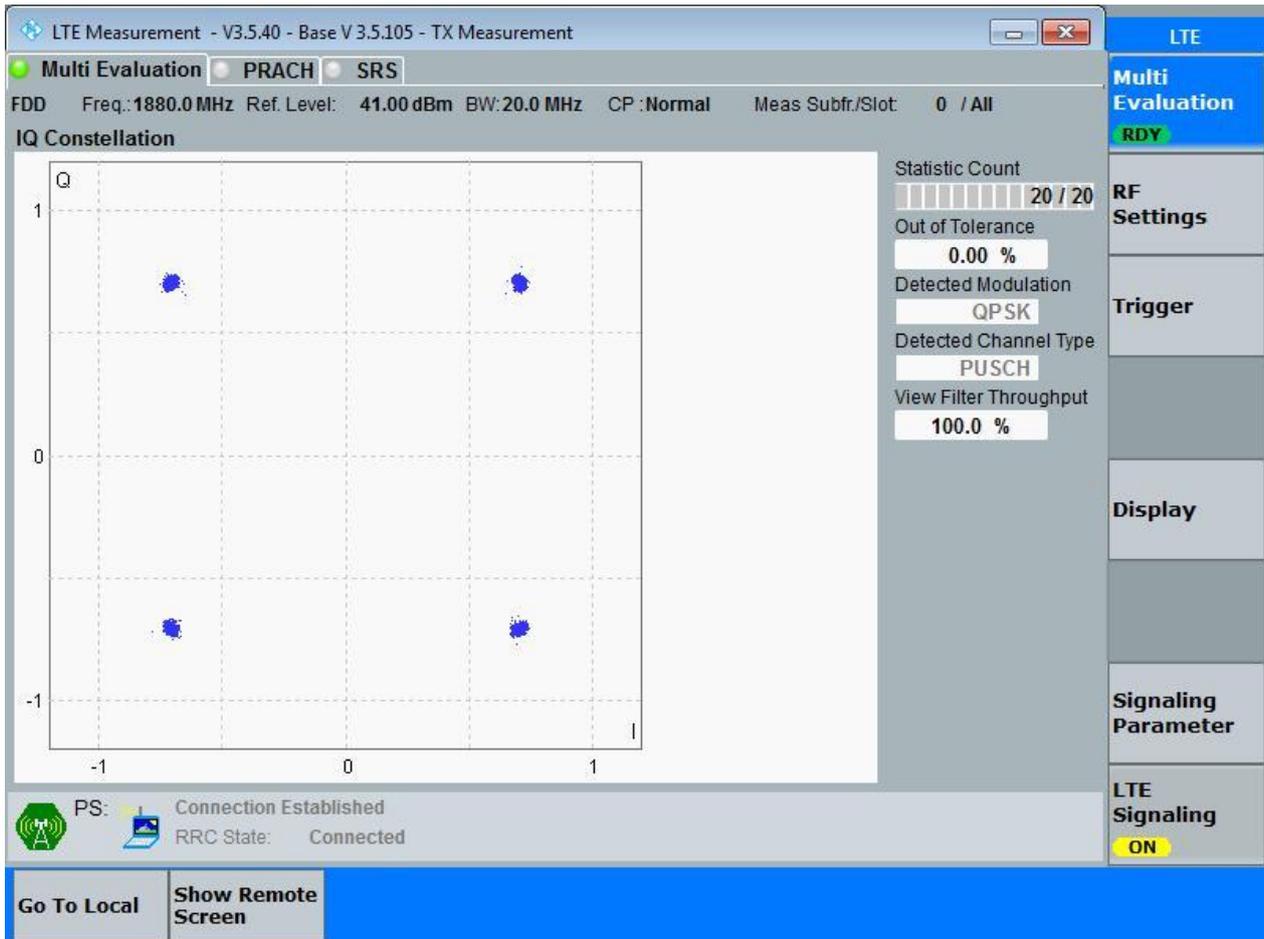
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

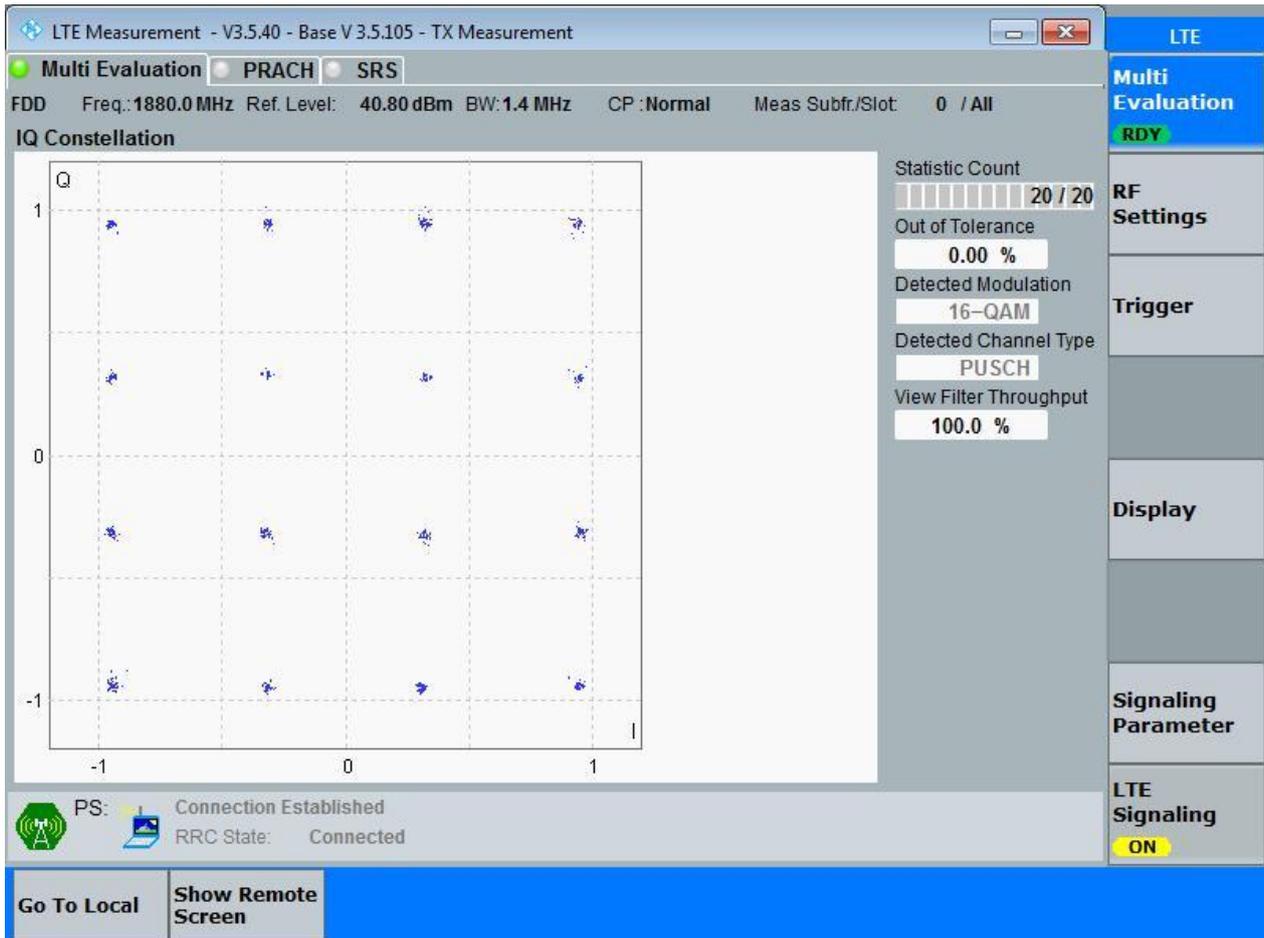


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

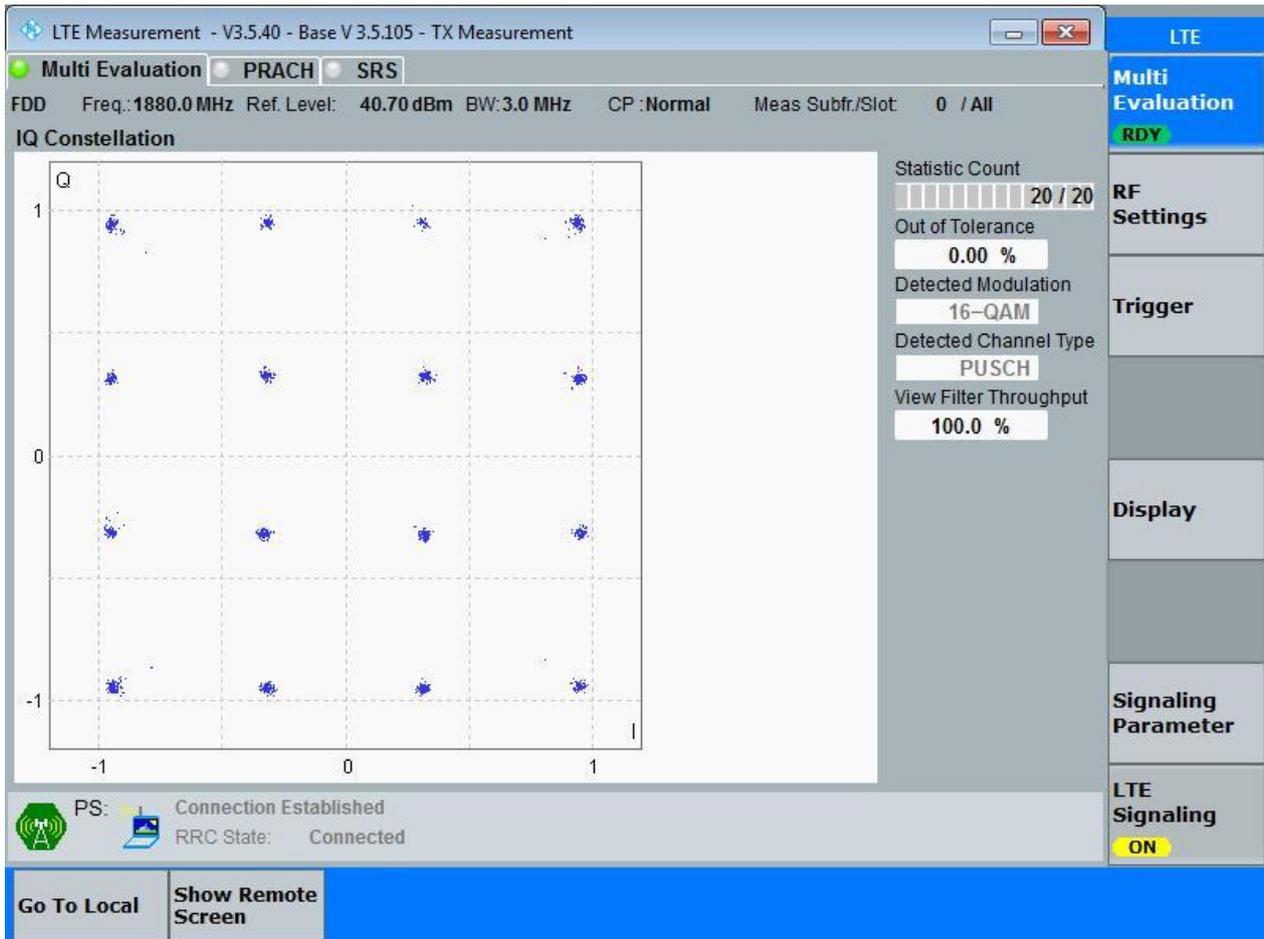
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

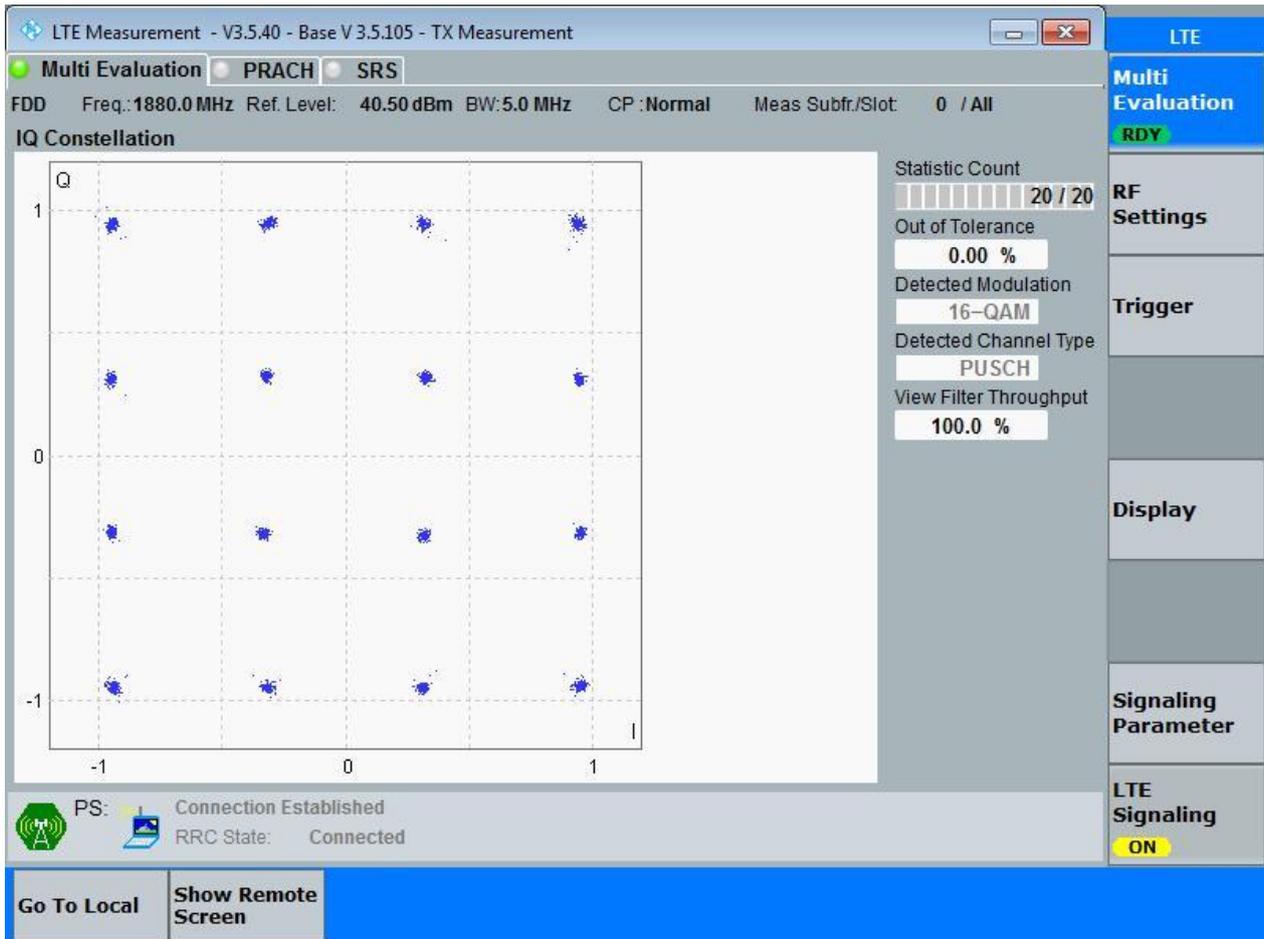
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

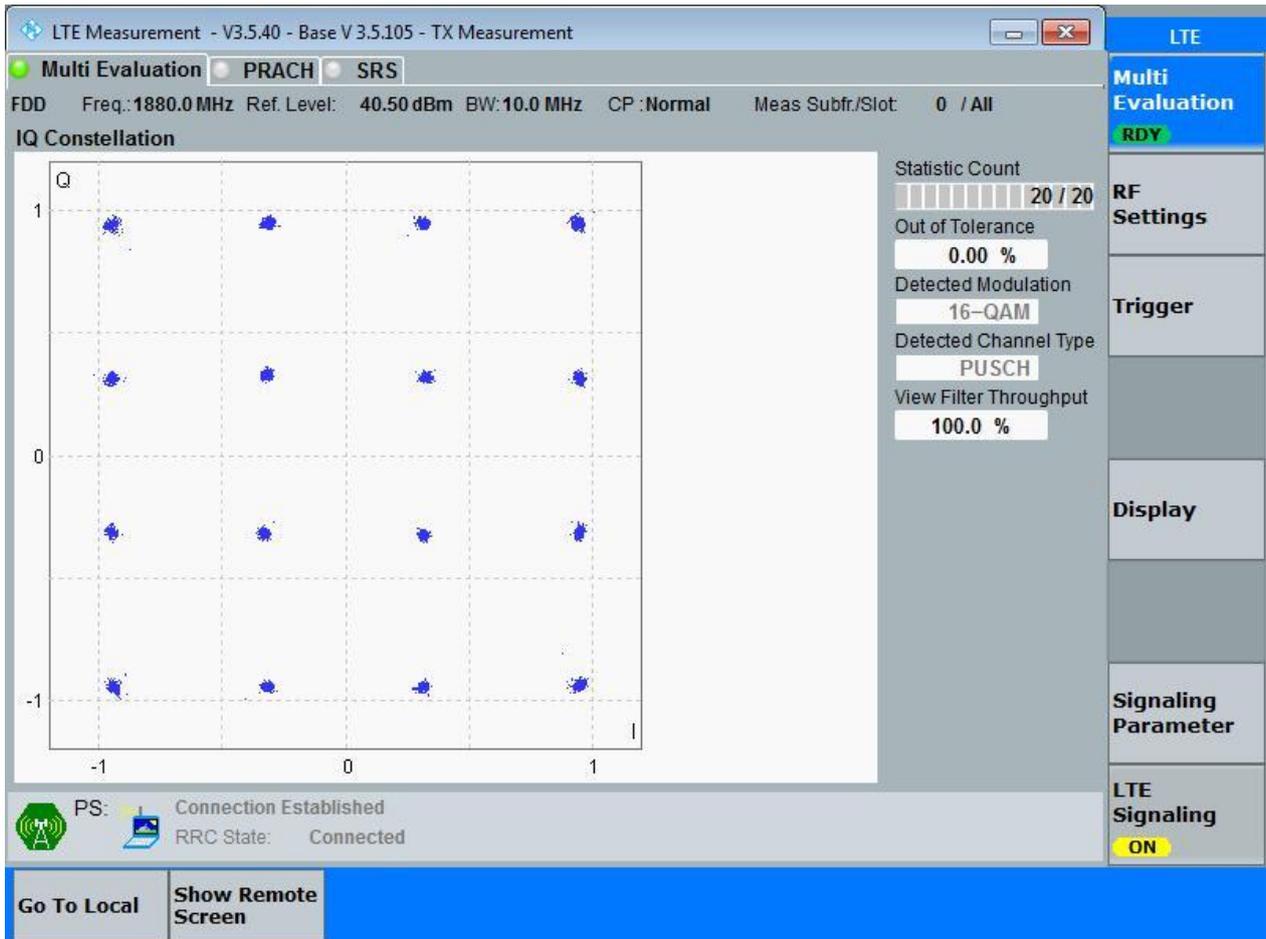
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

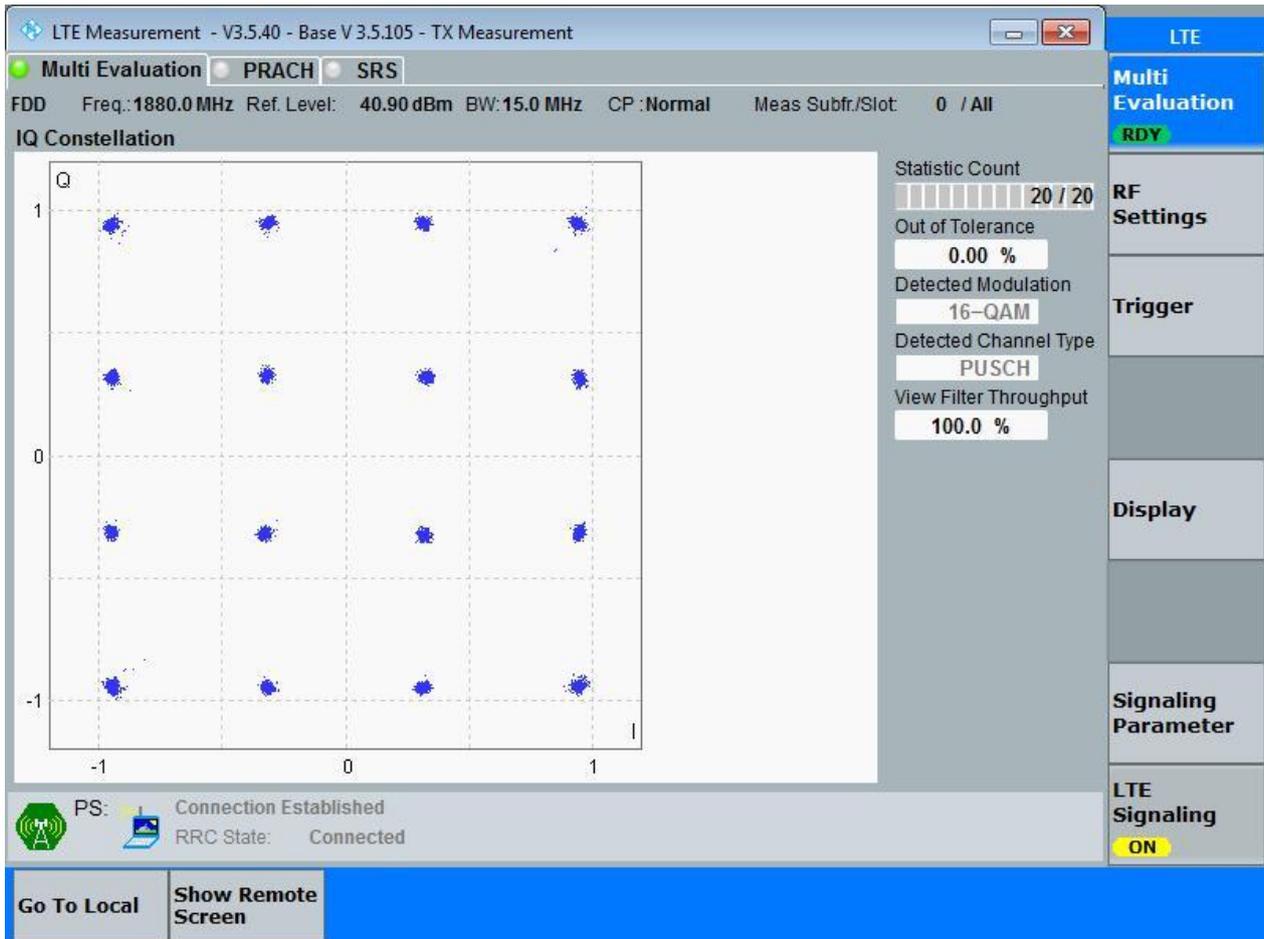
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

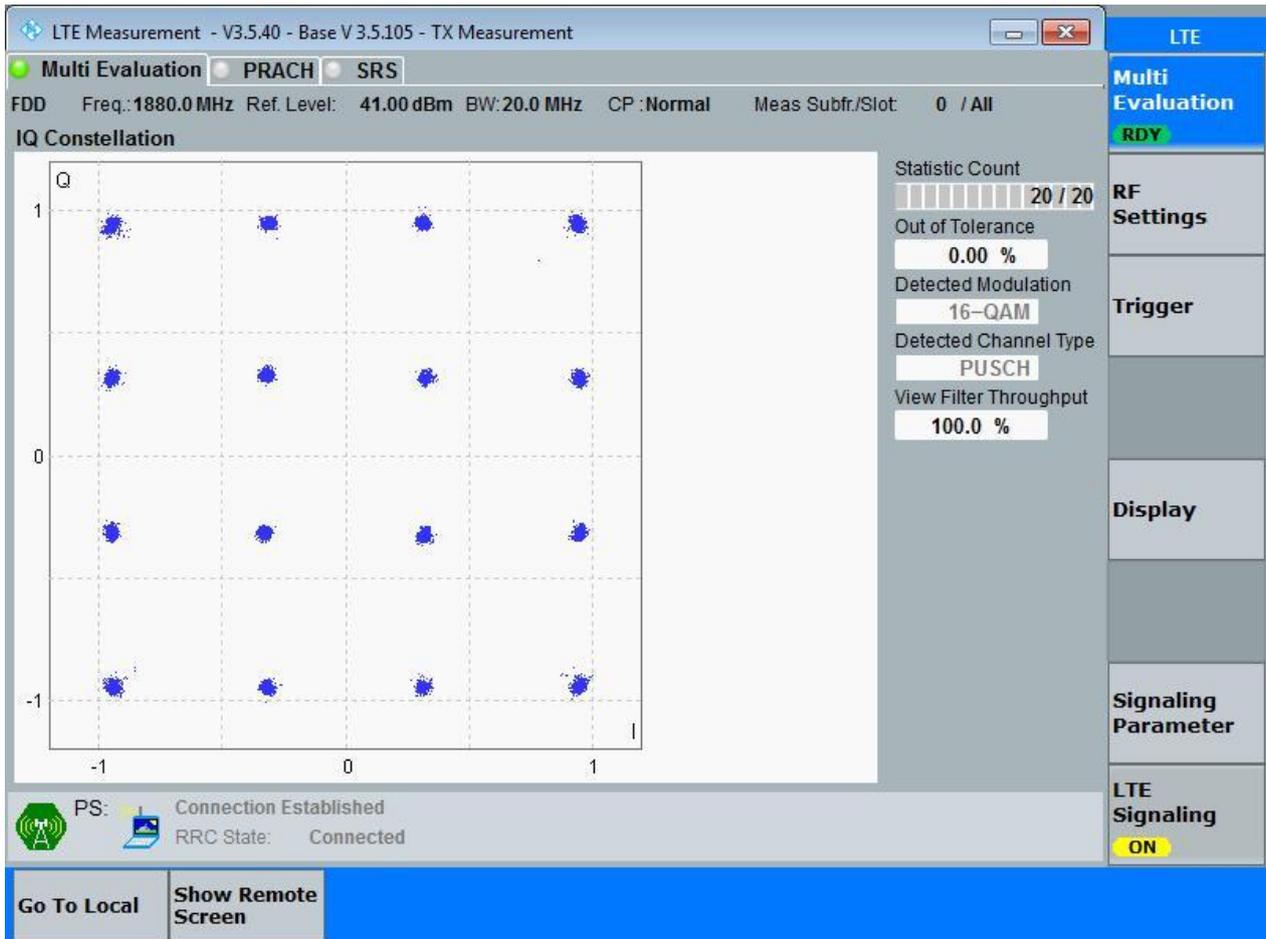
##### 3.1.1.2.5.1.1 Test RB = RB75#0



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
BAND2	LTE/TM1	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	9.00	9.92	Pass
			MCH	RB50#0	8.99	9.91	Pass
			HCH	RB50#0	8.99	9.95	Pass
		15	LCH	RB75#0	13.49	15.04	Pass
			MCH	RB75#0	13.52	15.01	Pass
			HCH	RB75#0	13.52	14.95	Pass
		20	LCH	RB100#0	17.99	19.74	Pass
			MCH	RB100#0	17.98	19.79	Pass
			HCH	RB100#0	18.03	19.80	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.25	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.51	4.94	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.50	4.97	Pass
10		LCH	RB50#0	8.99	9.96	Pass	
		MCH	RB50#0	8.99	9.92	Pass	
		HCH	RB50#0	8.98	9.92	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.48	15.04	Pass
			MCH	RB75#0	13.48	14.94	Pass
			HCH	RB75#0	13.55	15.03	Pass
		20	LCH	RB100#0	17.97	19.72	Pass
			MCH	RB100#0	18.01	19.89	Pass
			HCH	RB100#0	18.08	19.98	Pass



Part II - Test Plots

4.1 For LTE

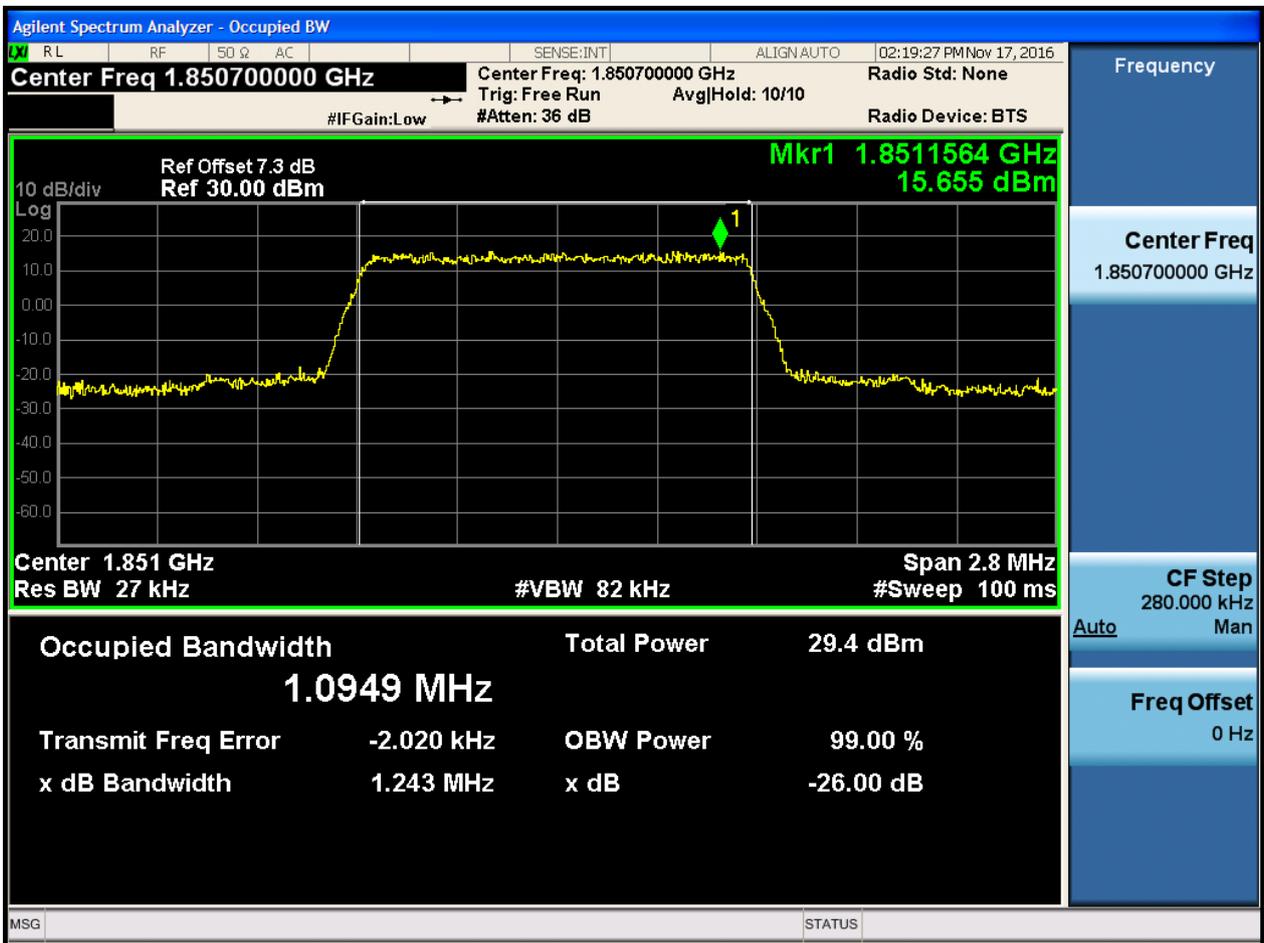
4.1.1 Test Band = BAND2

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

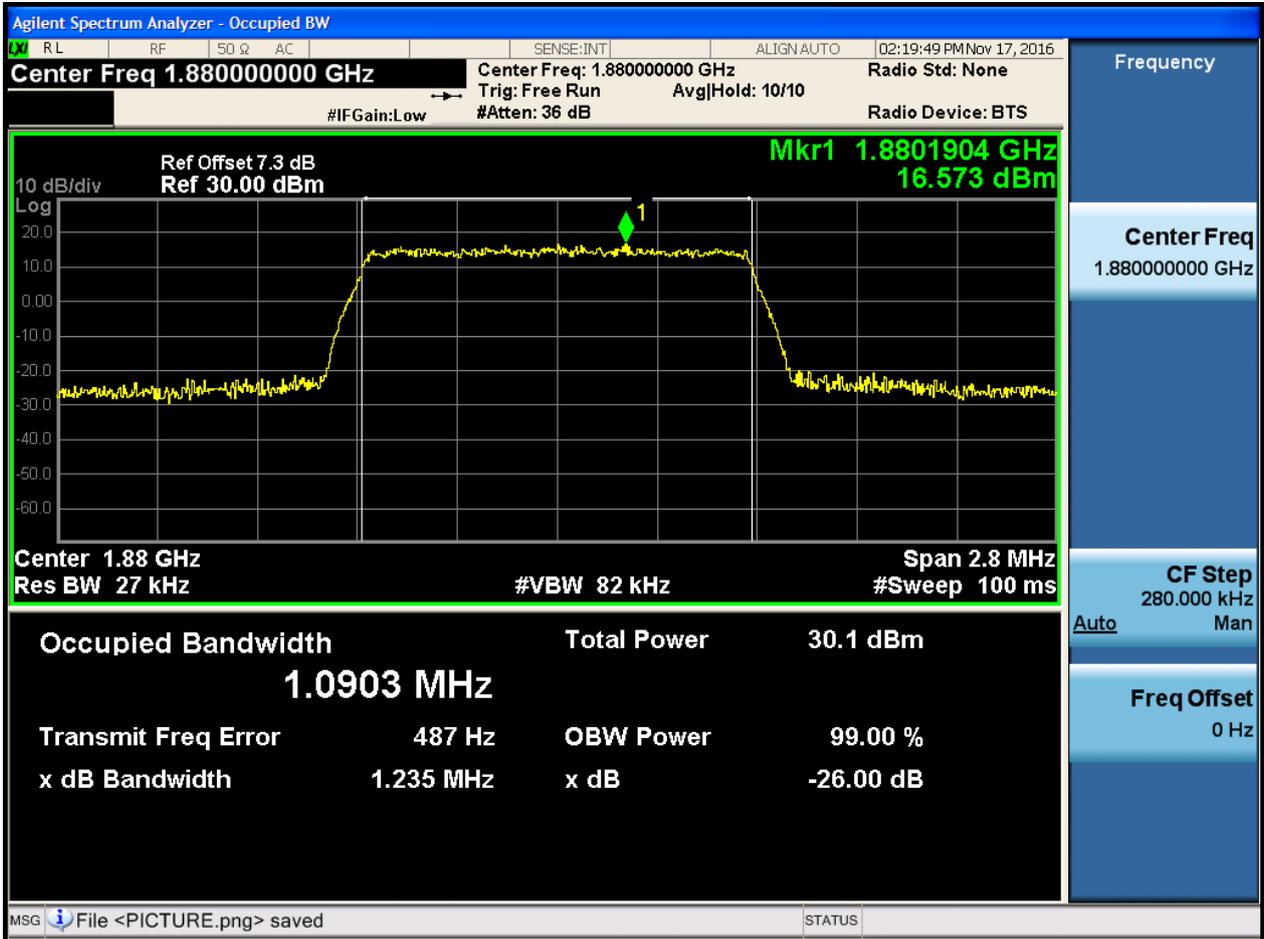
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

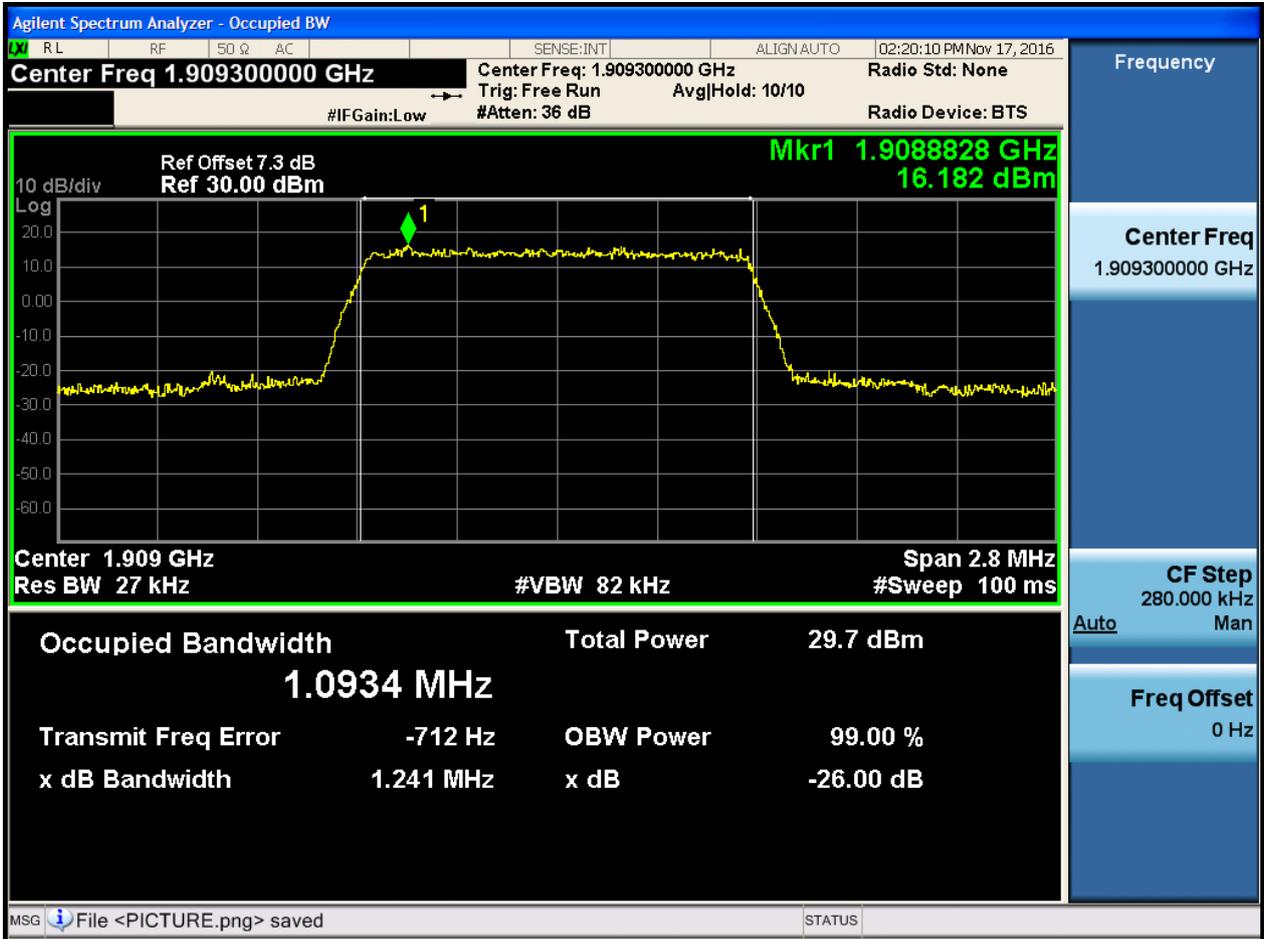
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

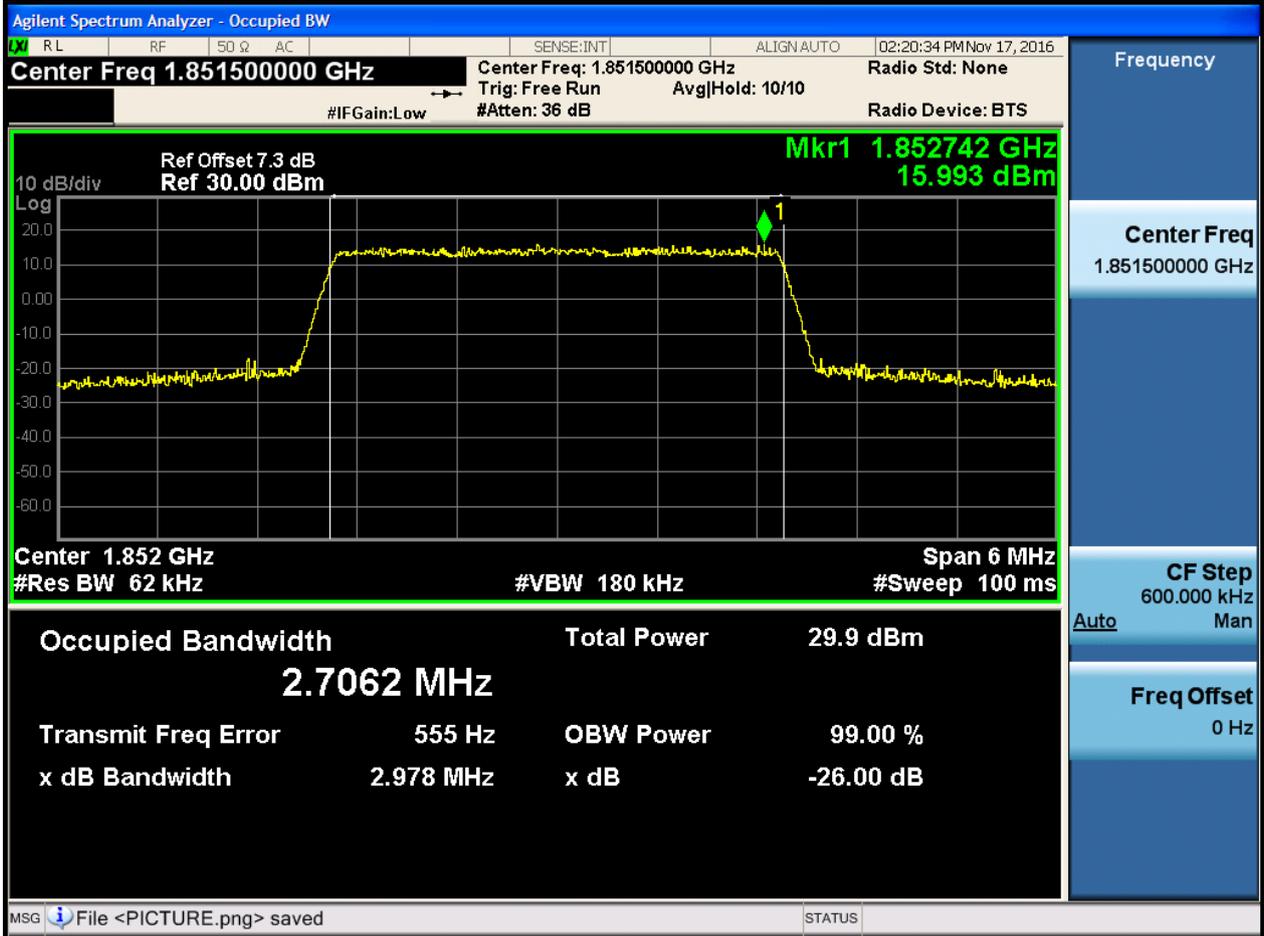




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

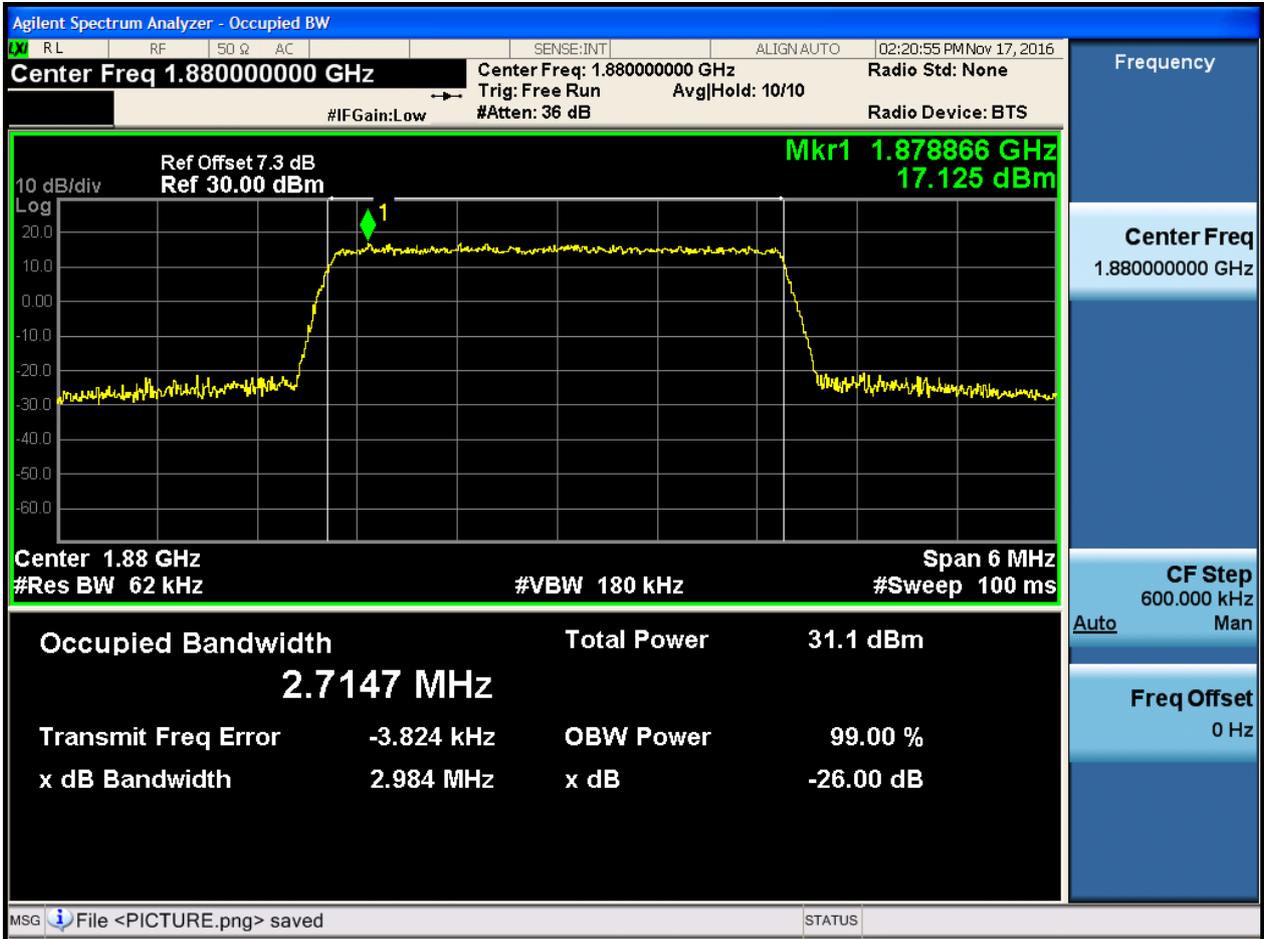
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

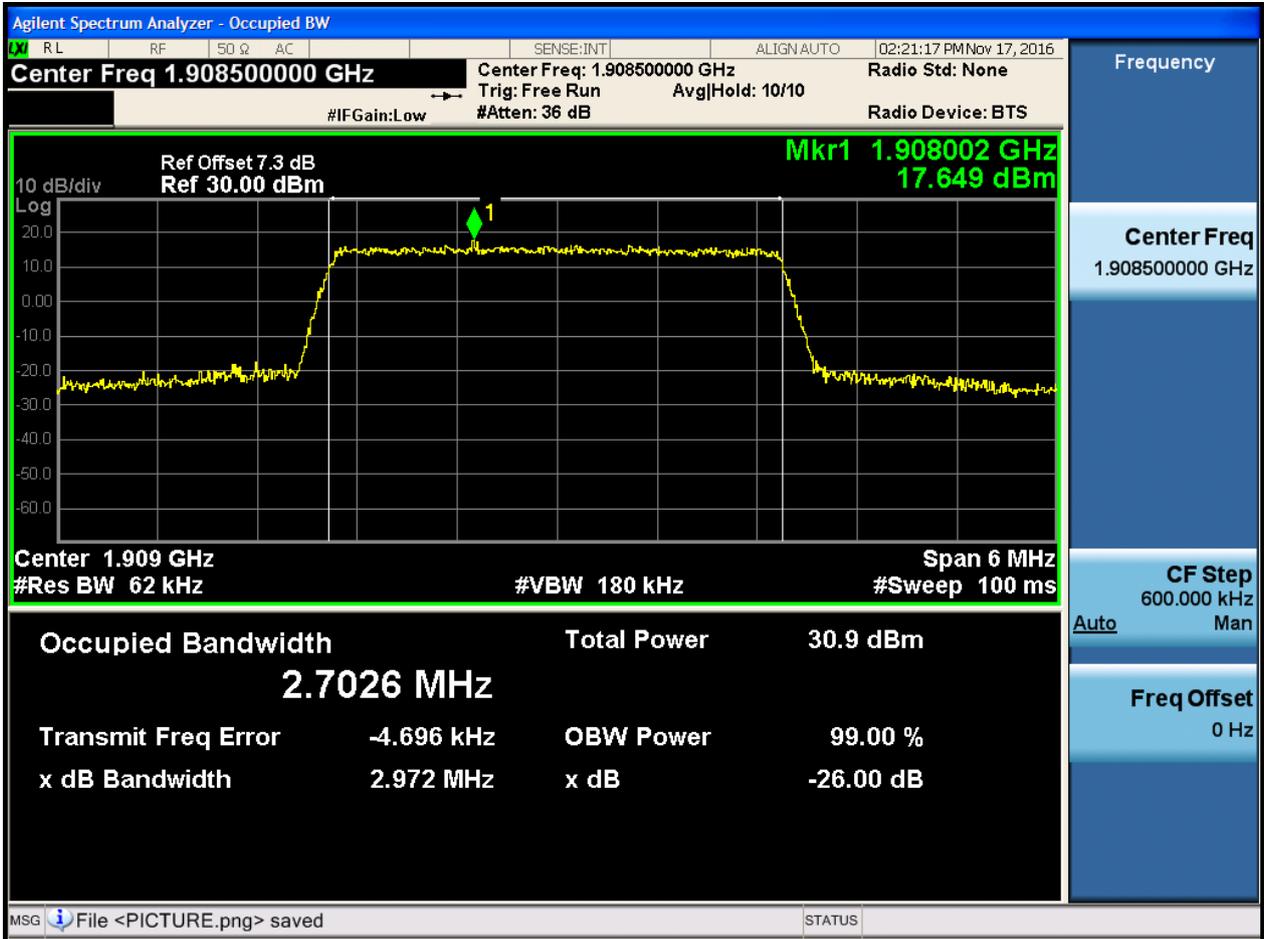
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

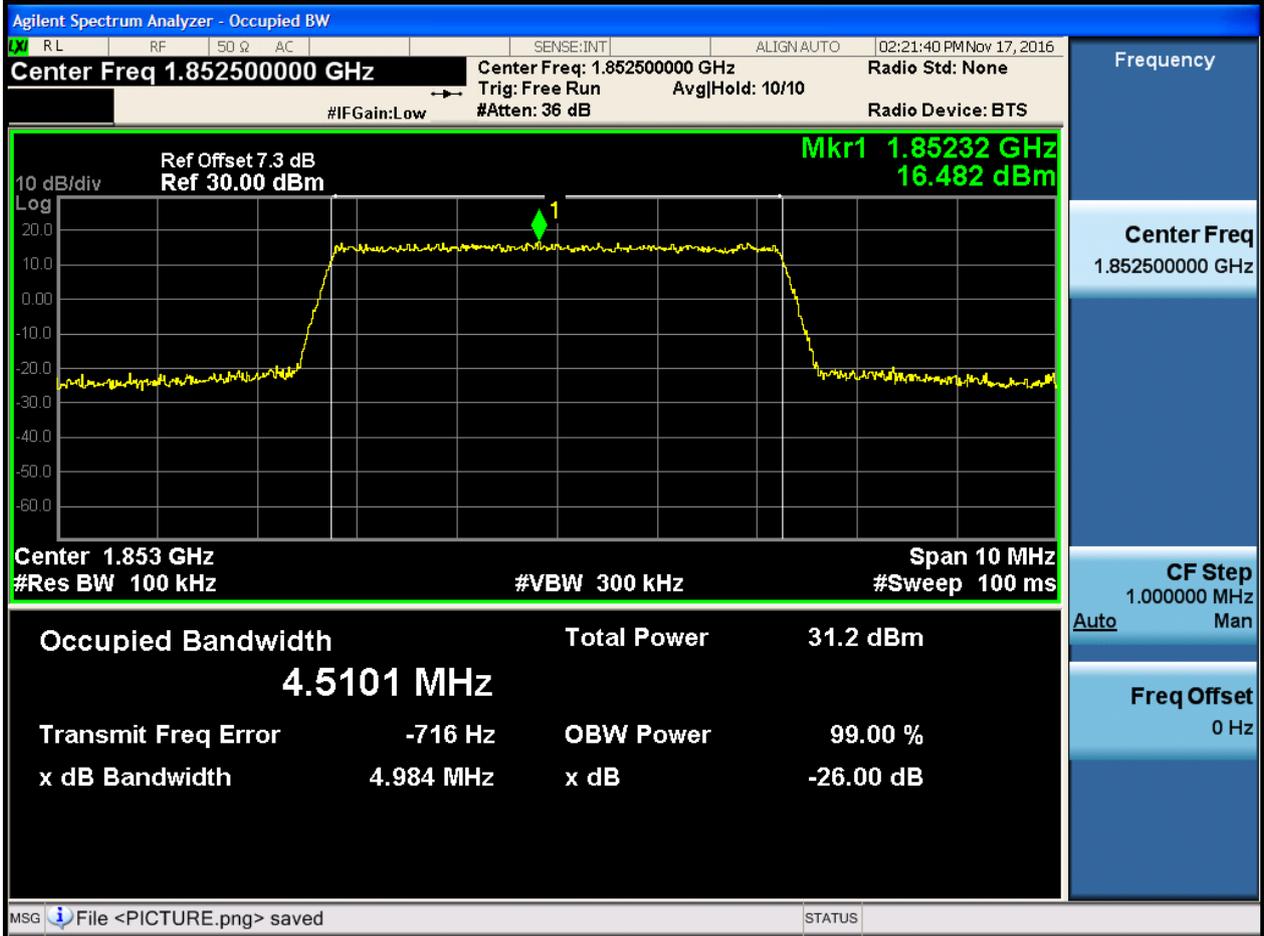




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

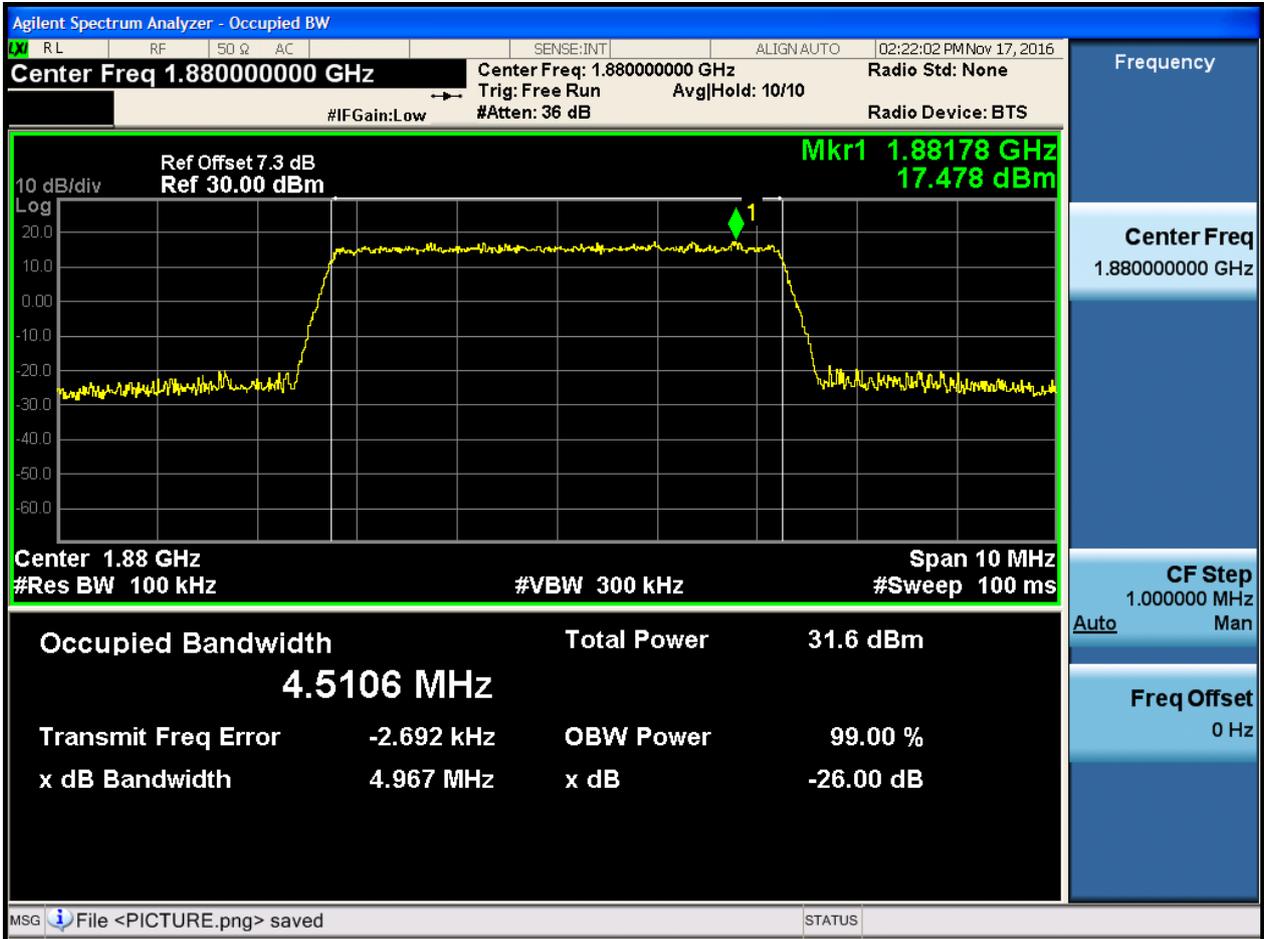
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

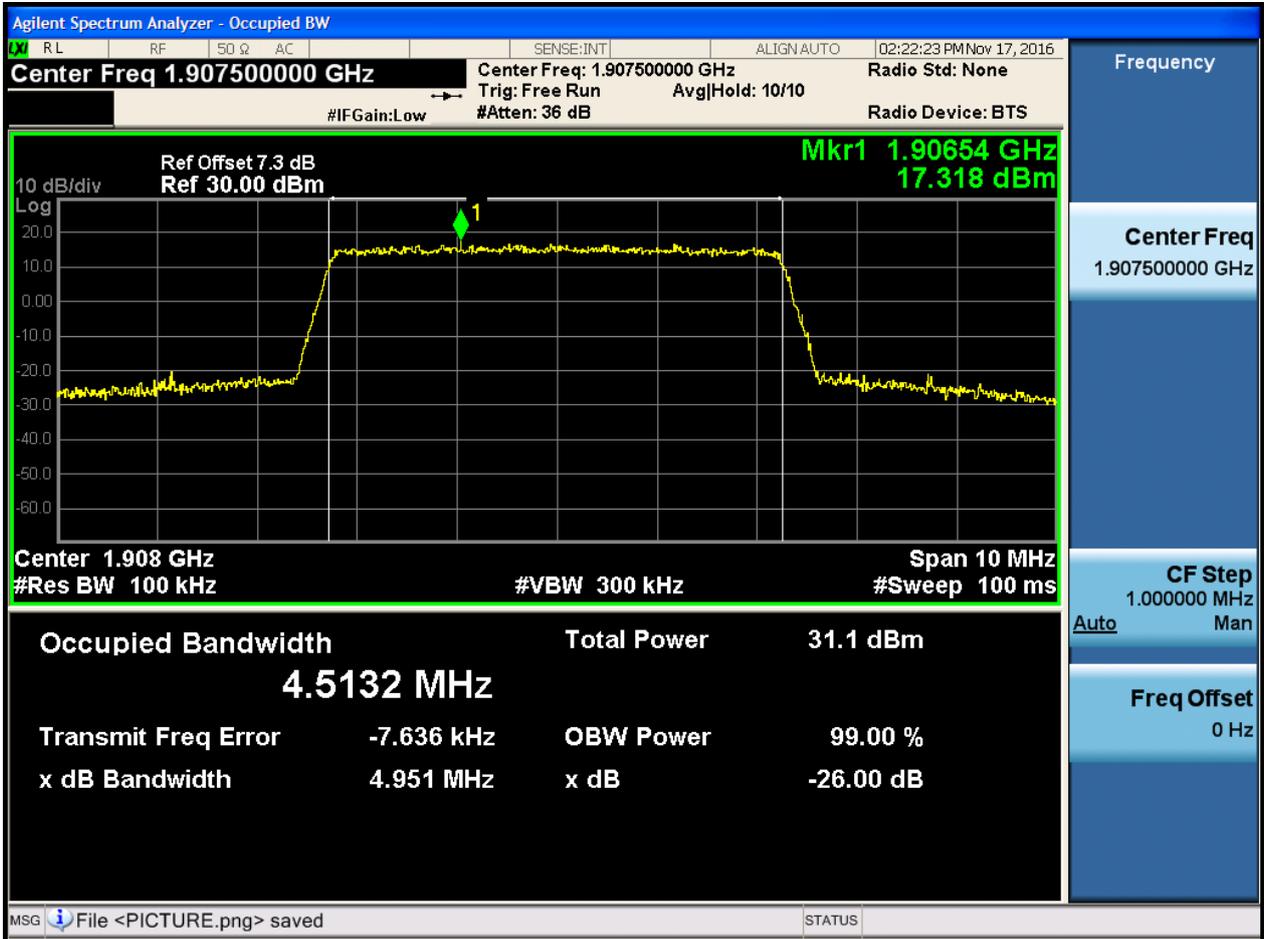
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

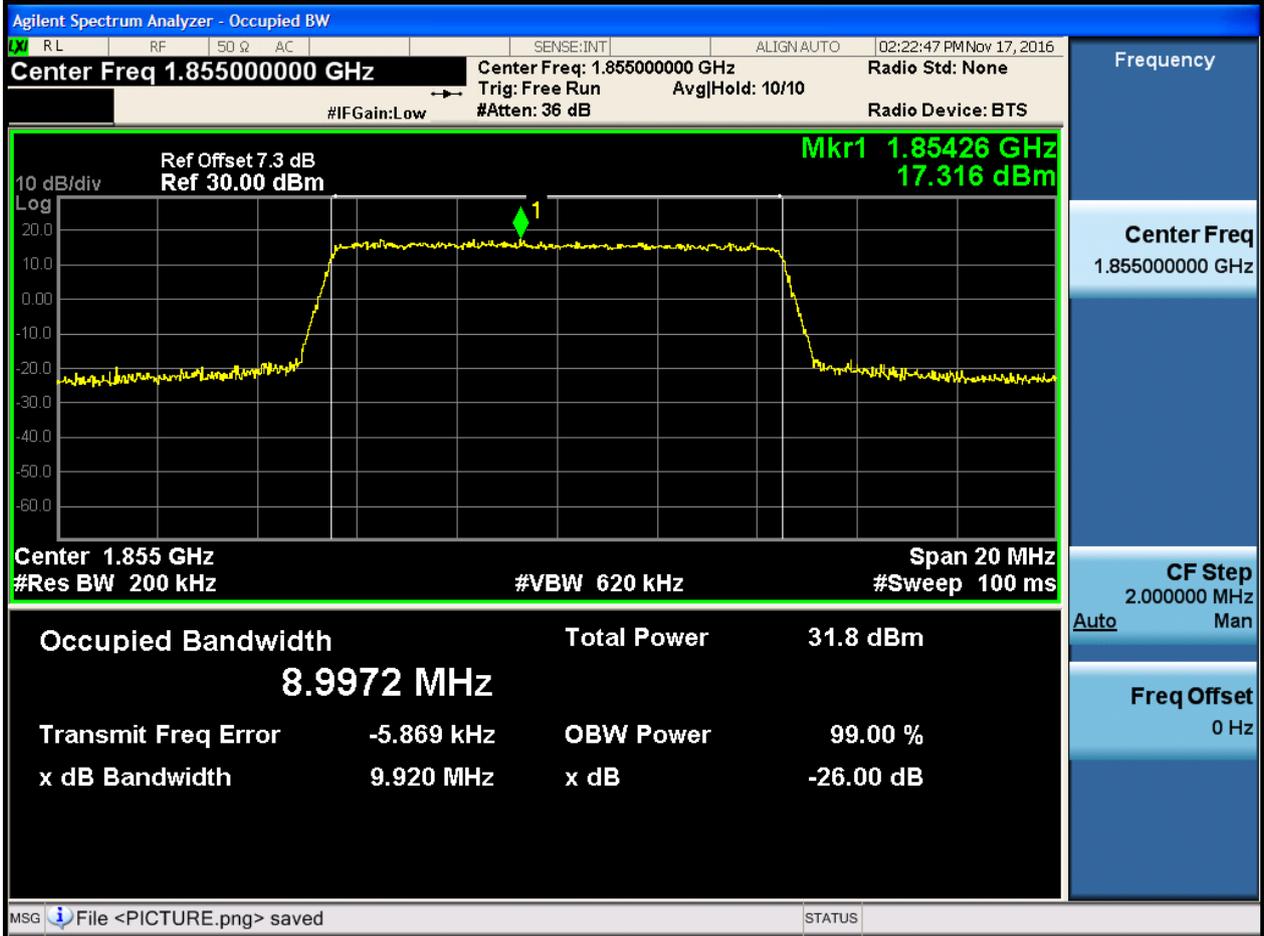




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

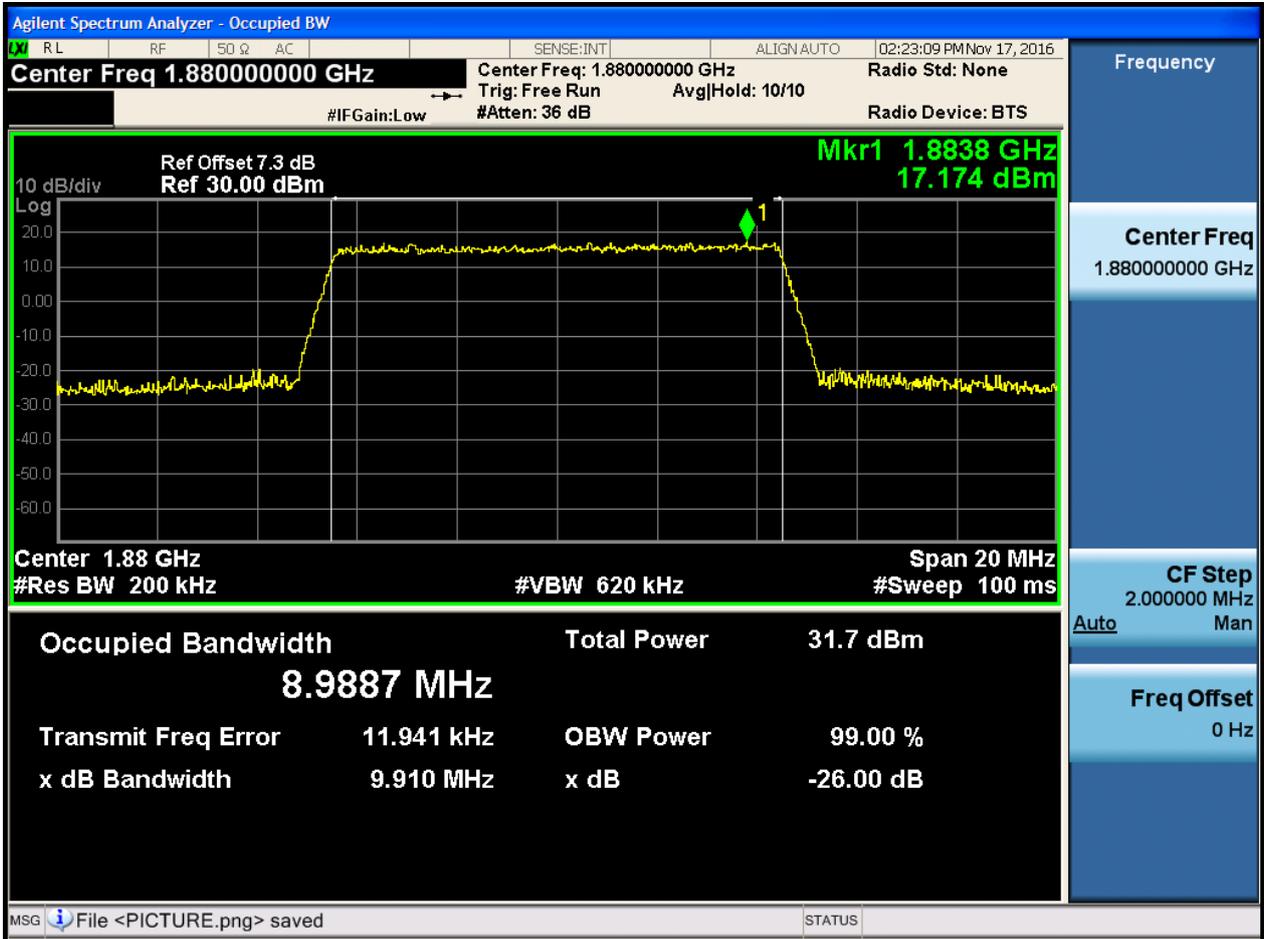
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

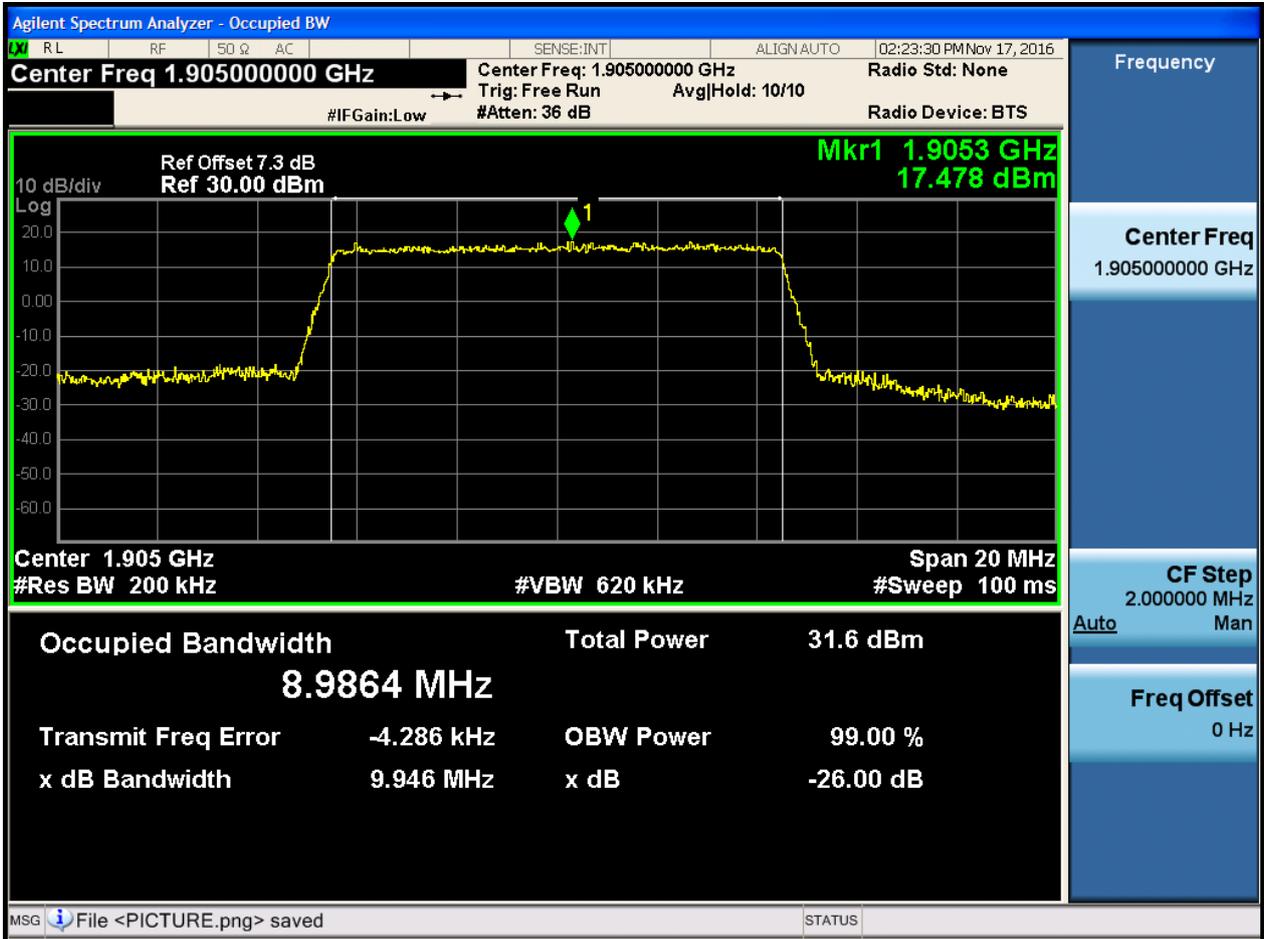
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

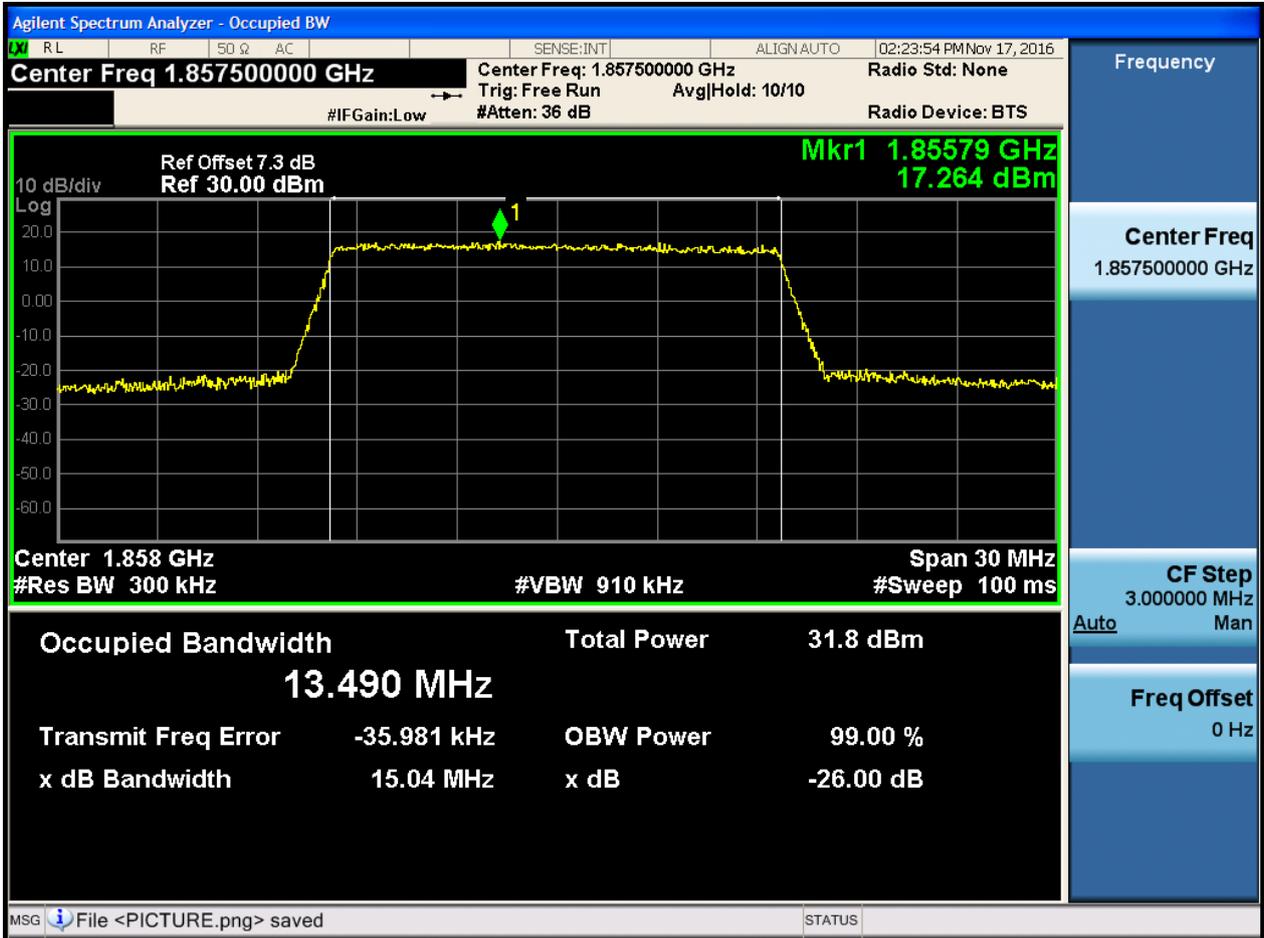




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

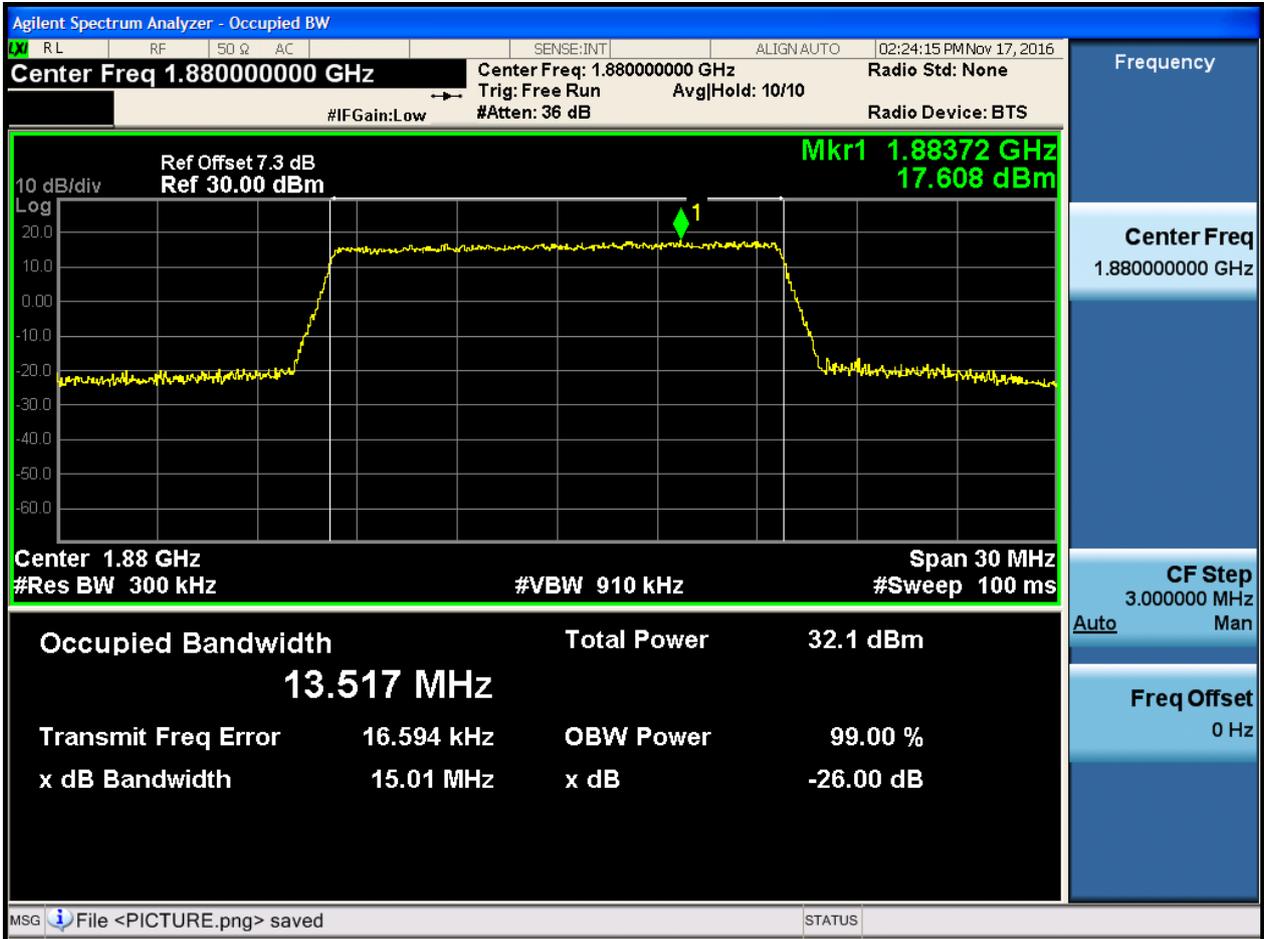
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

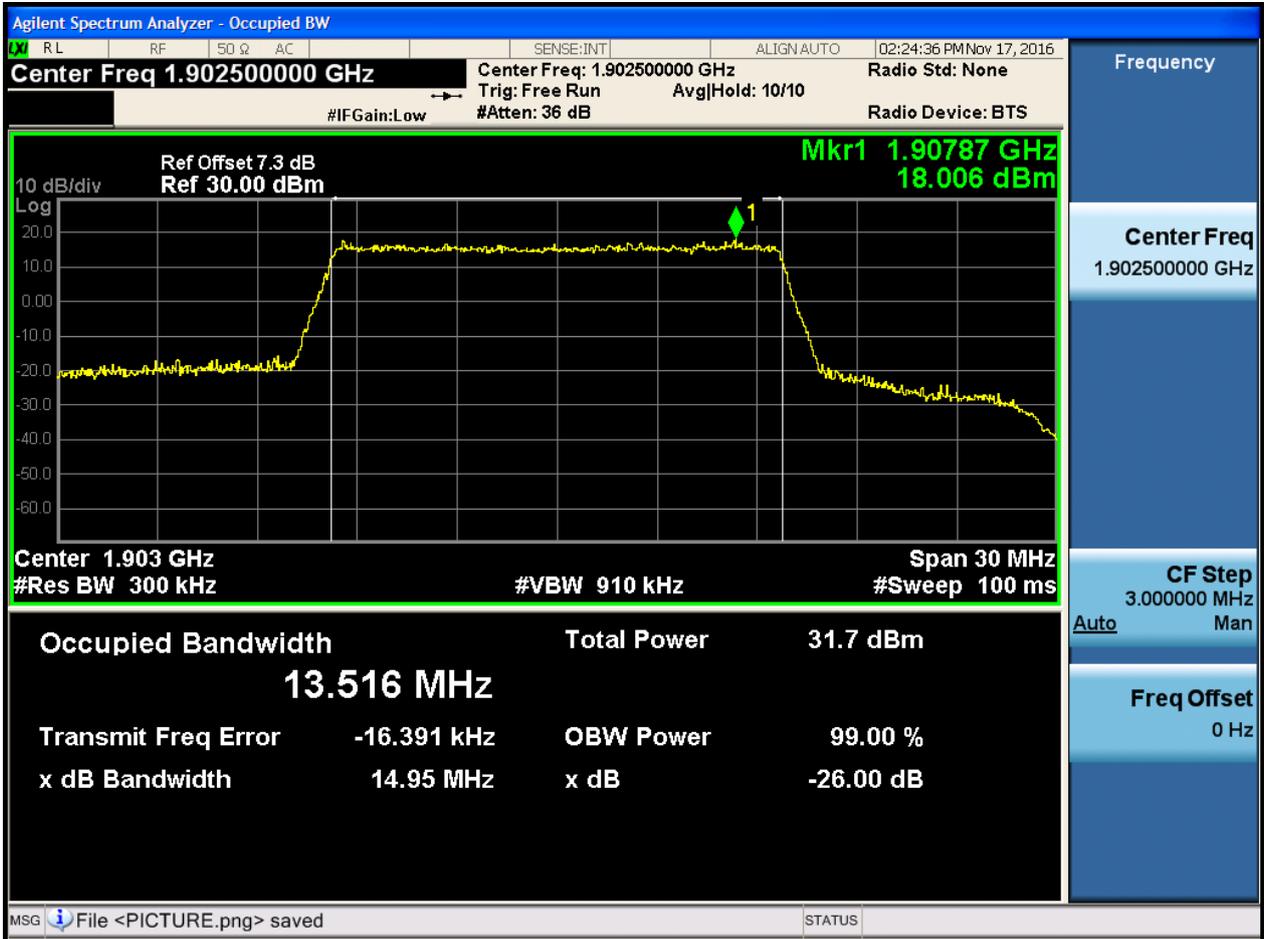
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

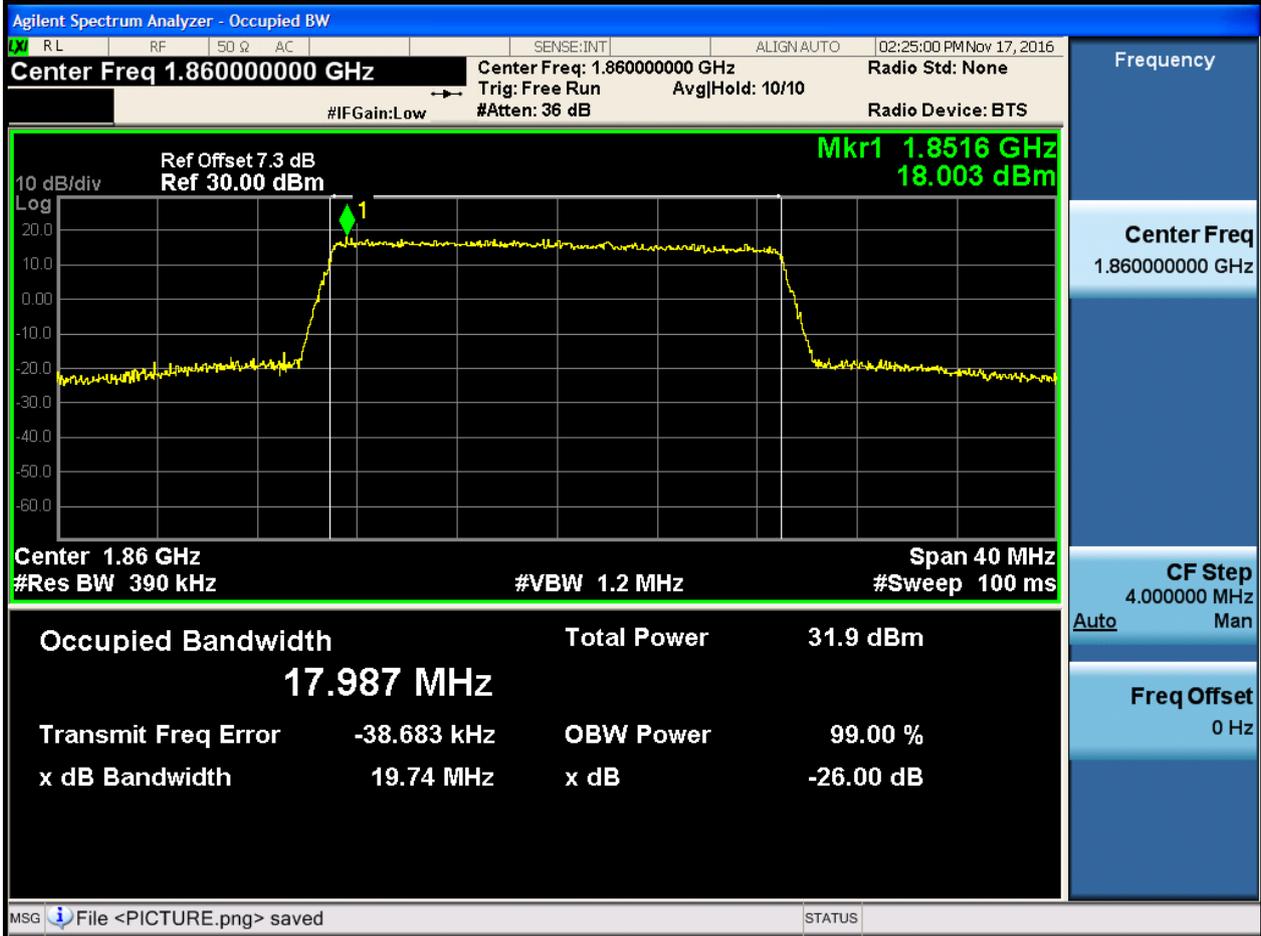




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

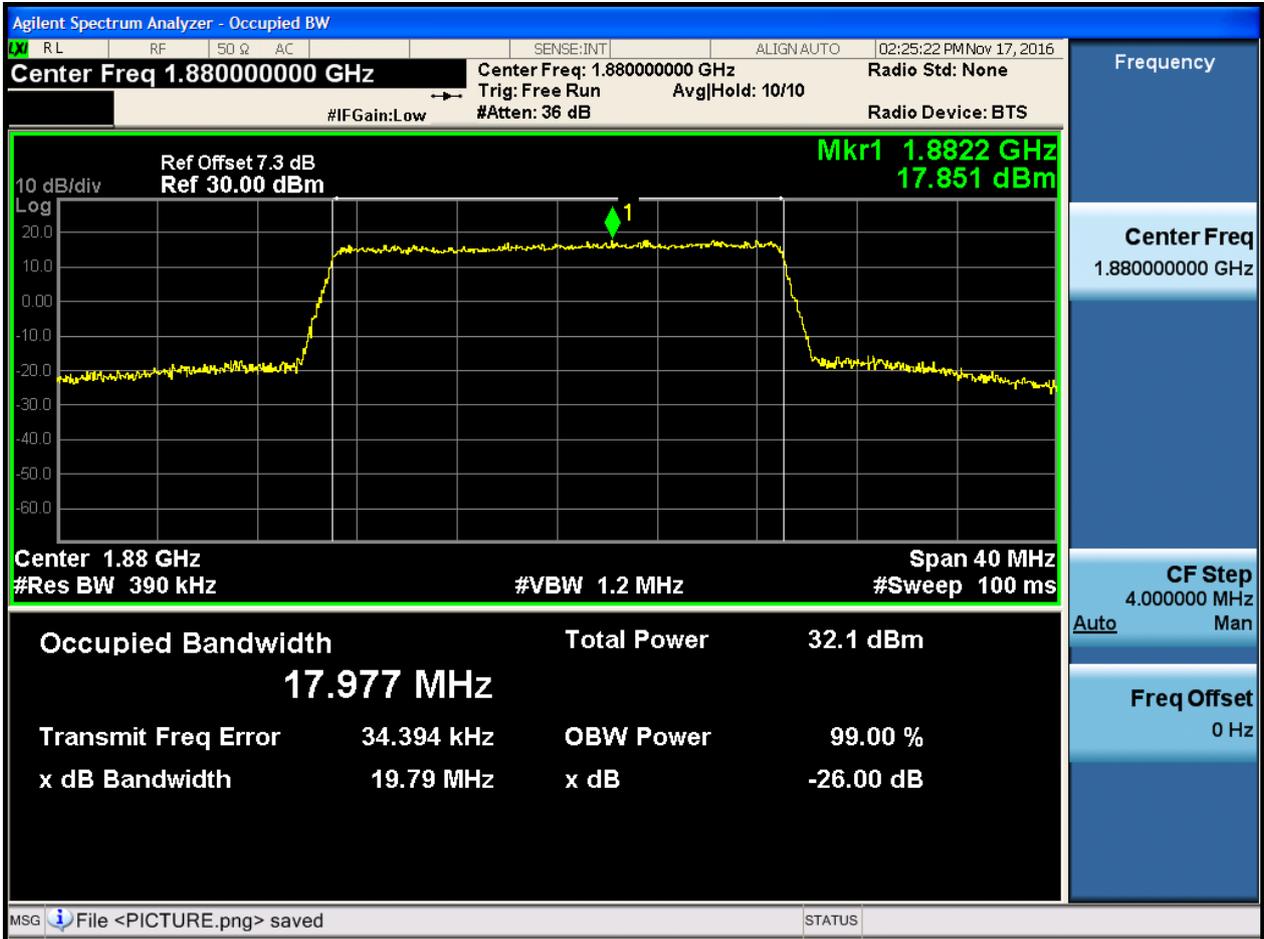
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

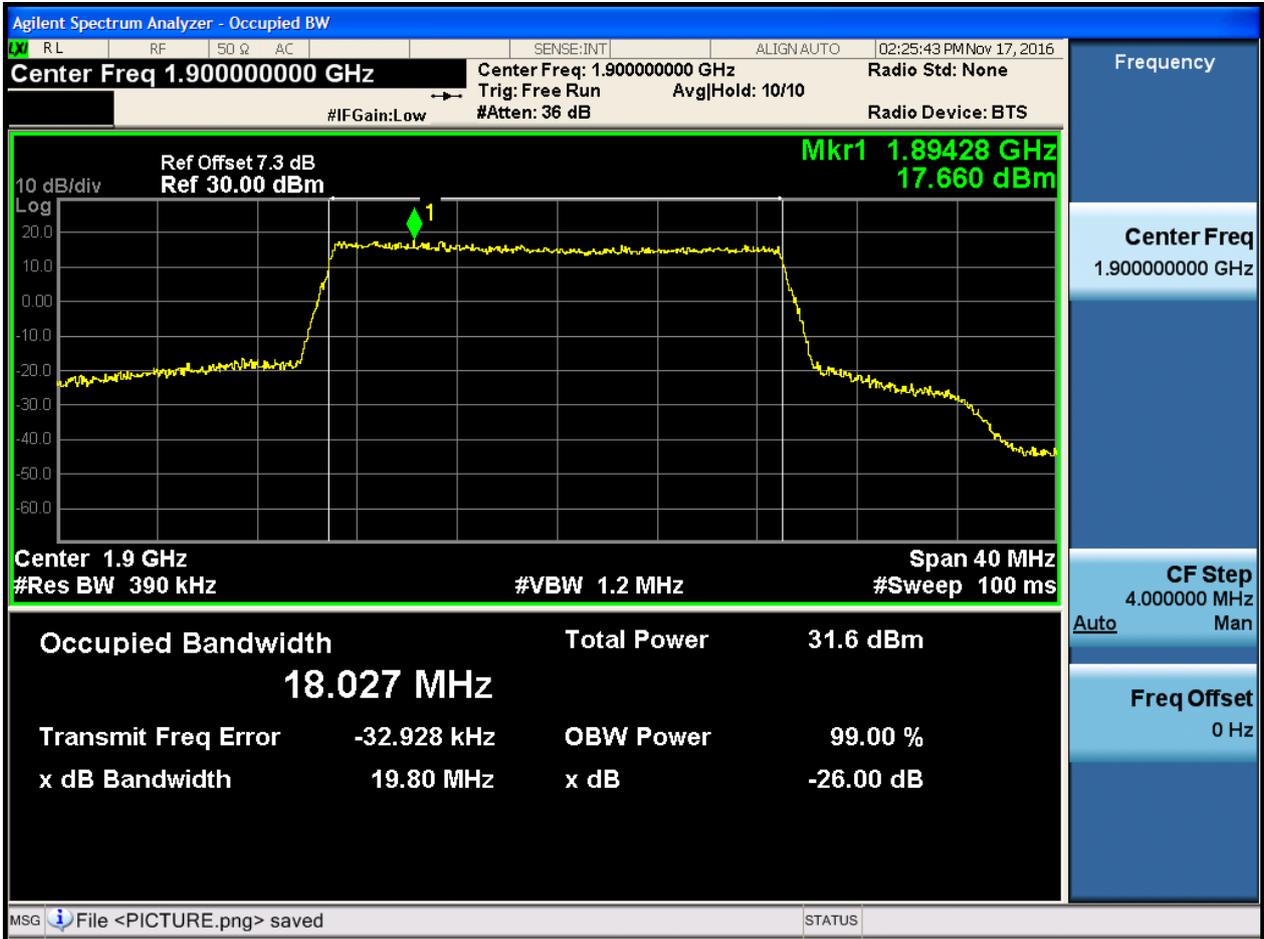
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



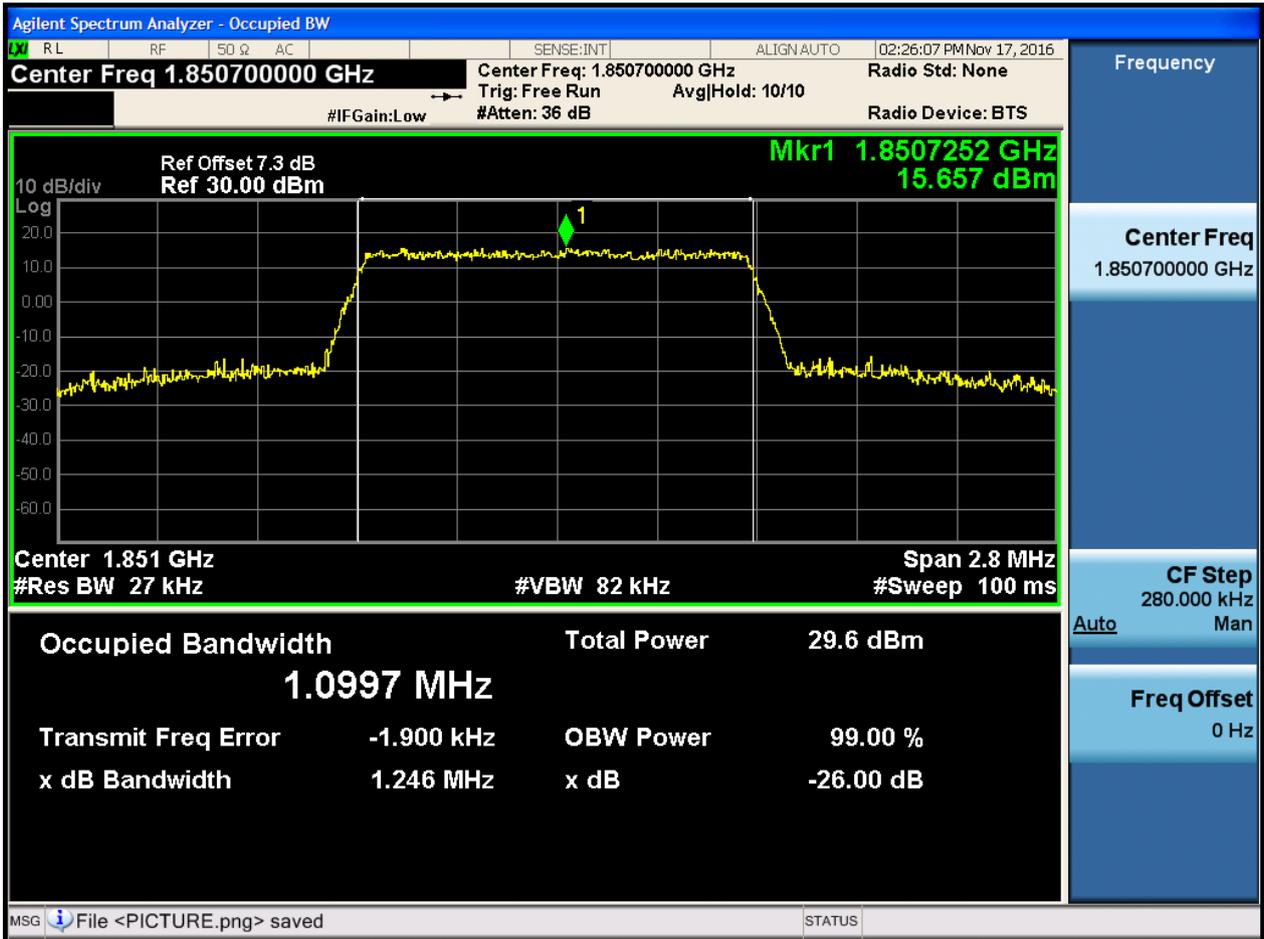


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

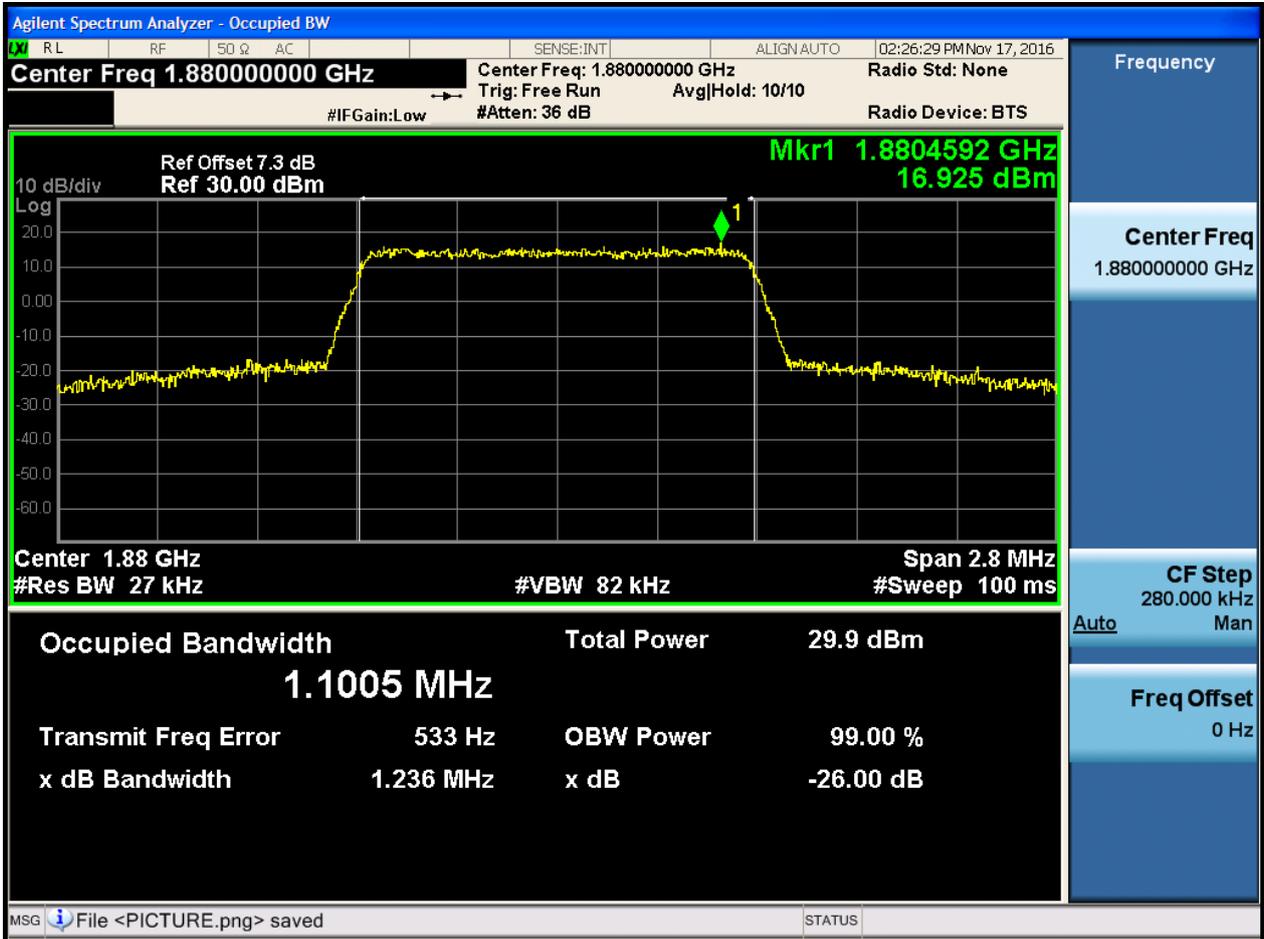
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



4.1.1.2.1.2 Test Channel = MCH

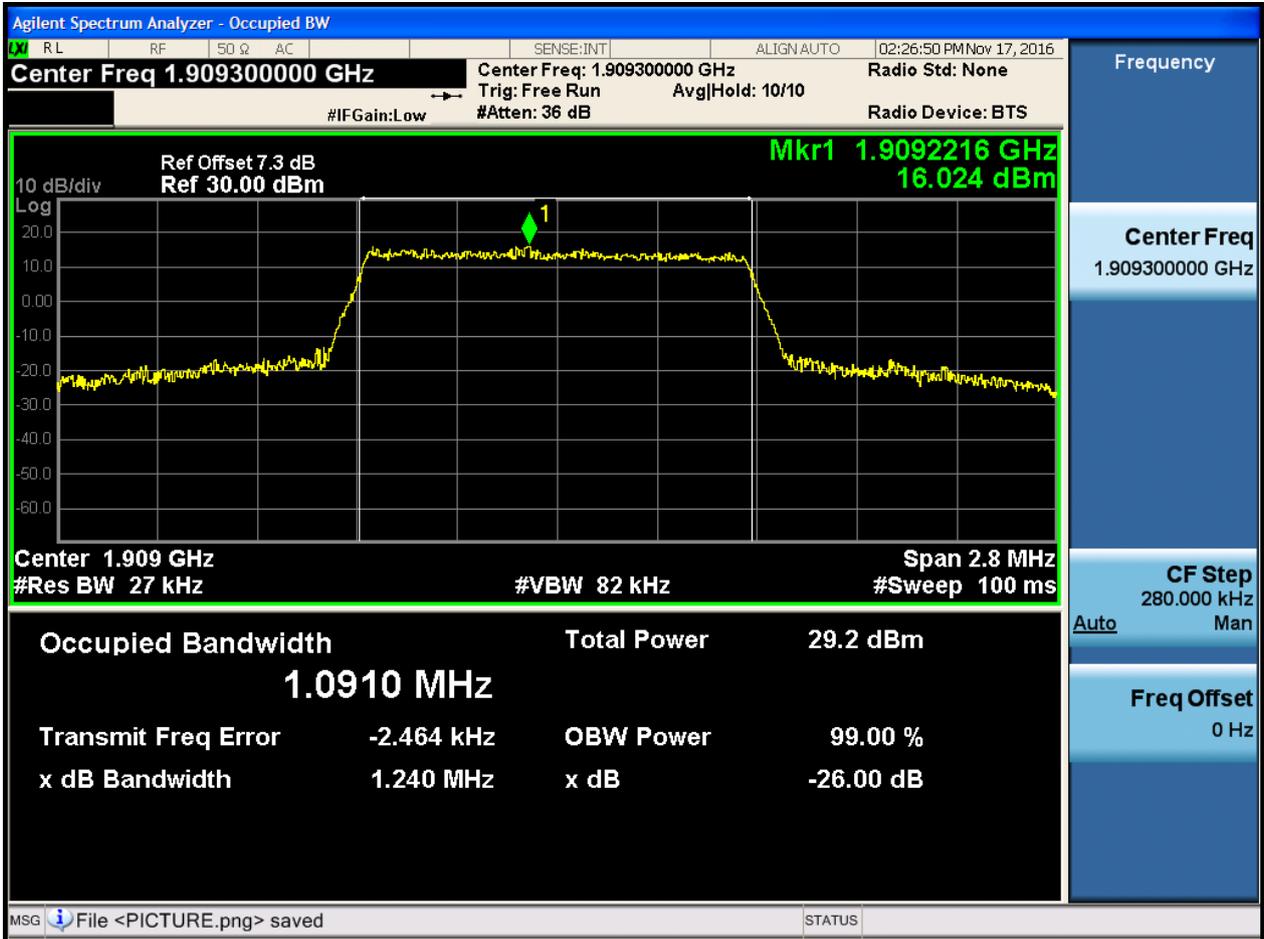
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

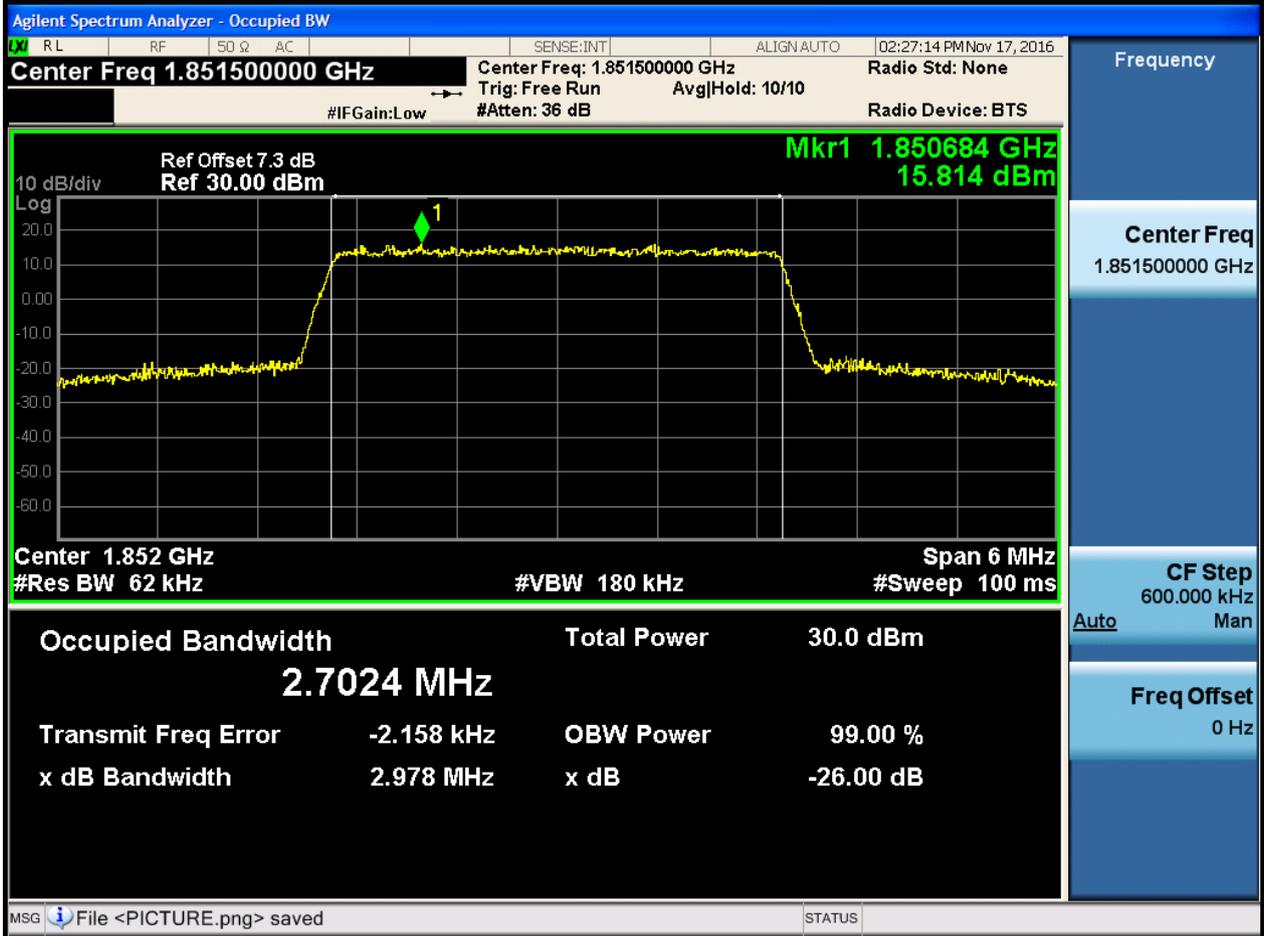




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

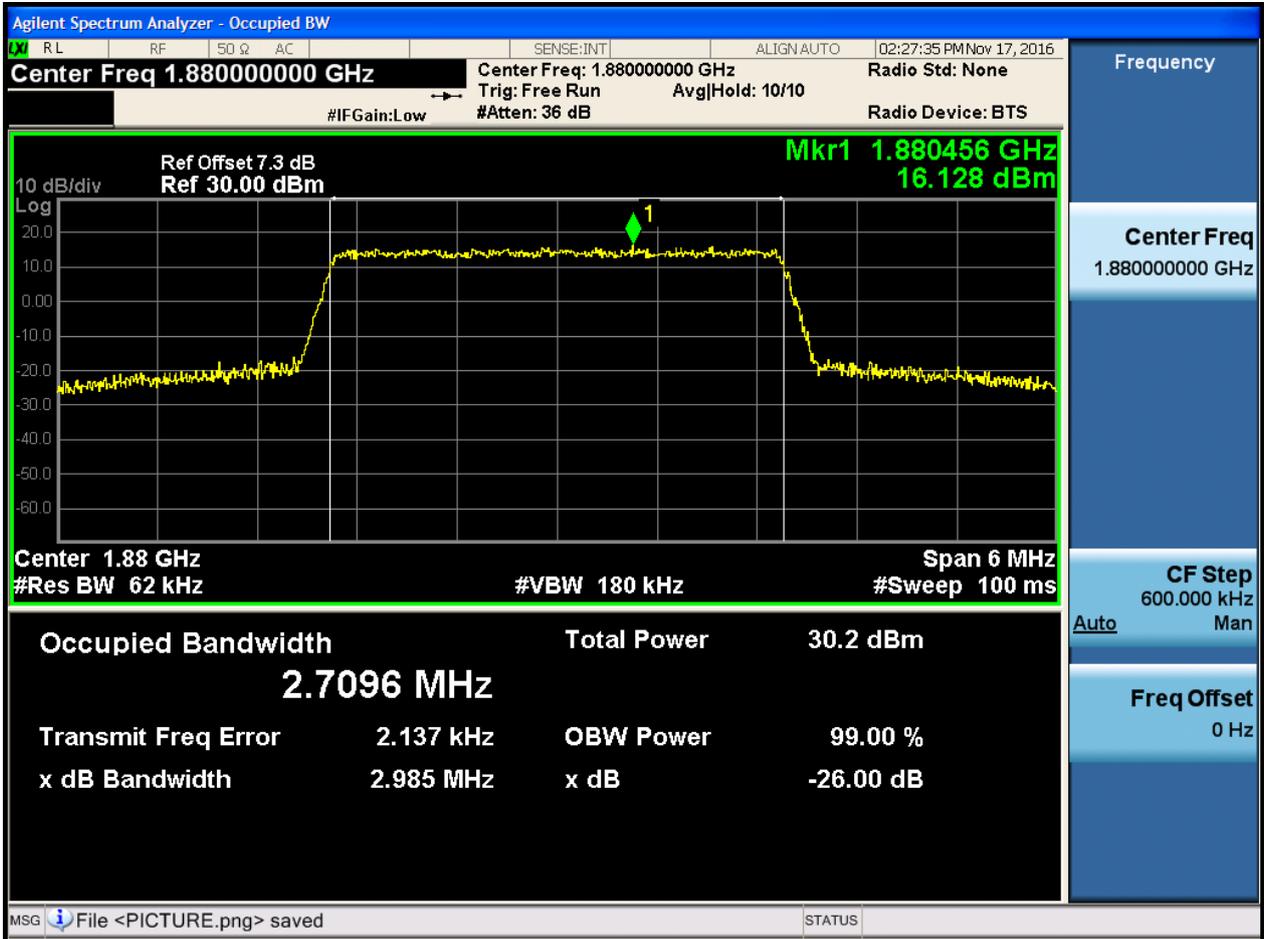
4.1.1.2.2.1.1 Test RB = RB15#0





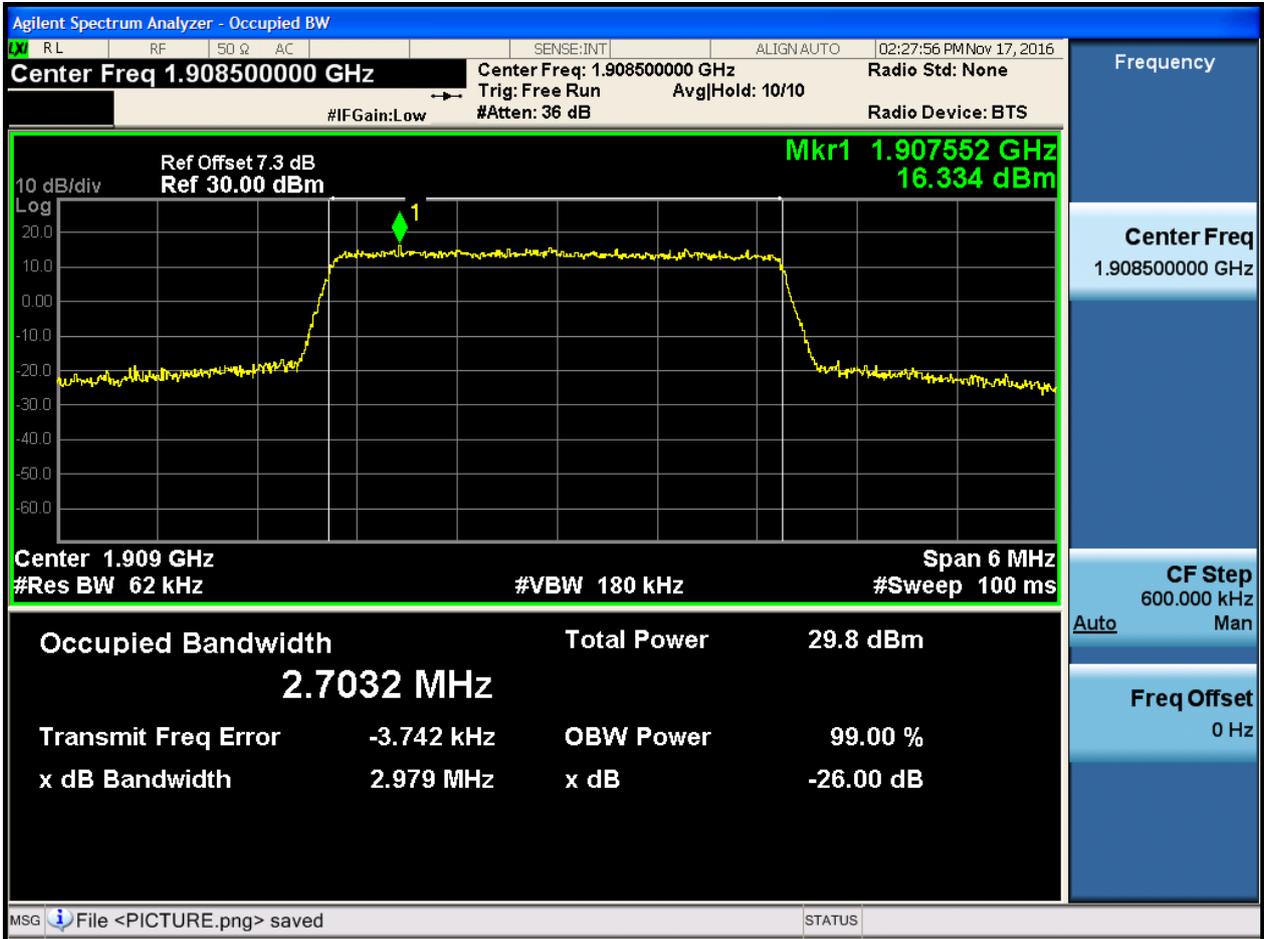
4.1.1.2.2.2 Test Channel = MCH

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

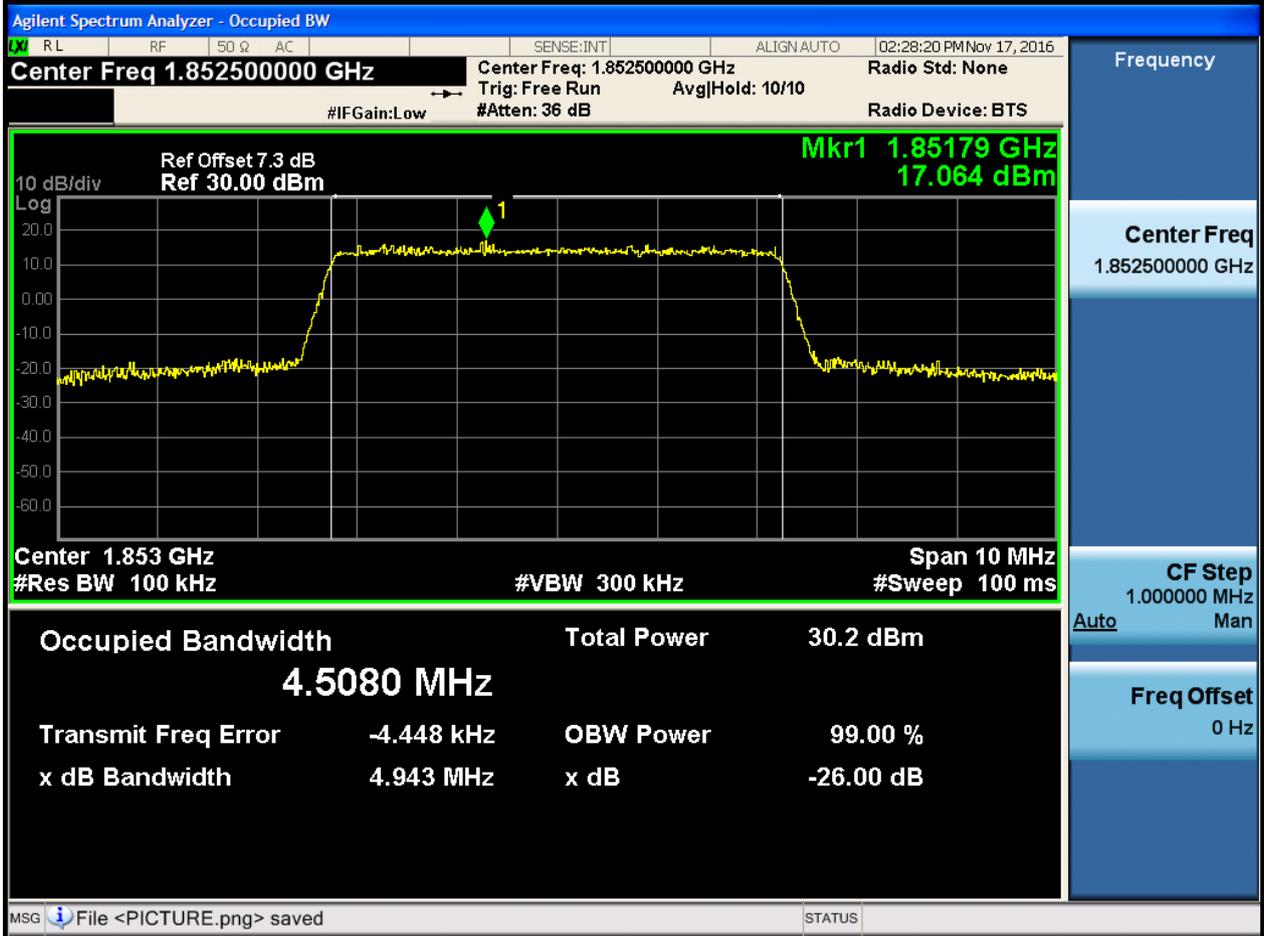




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

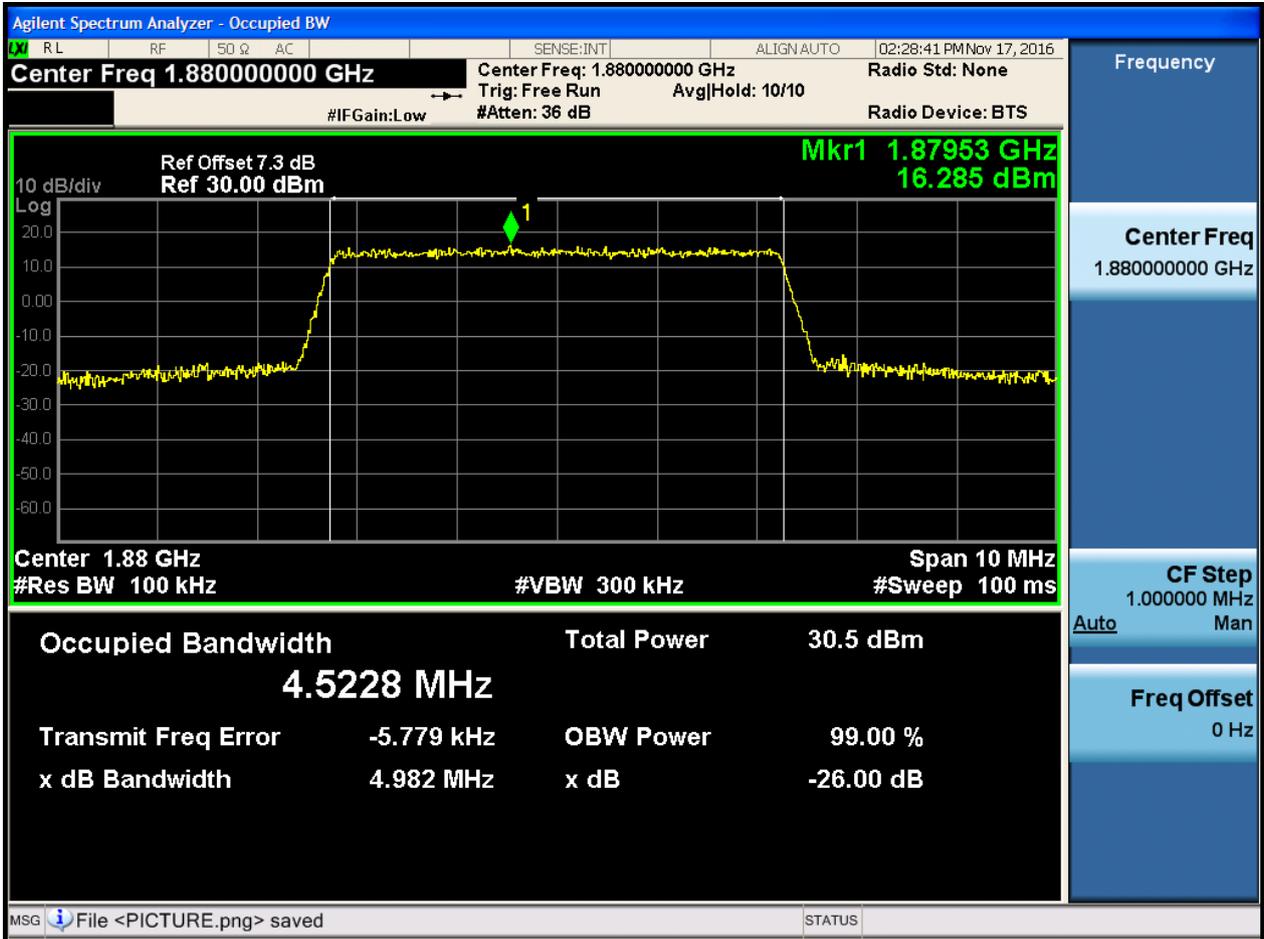
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

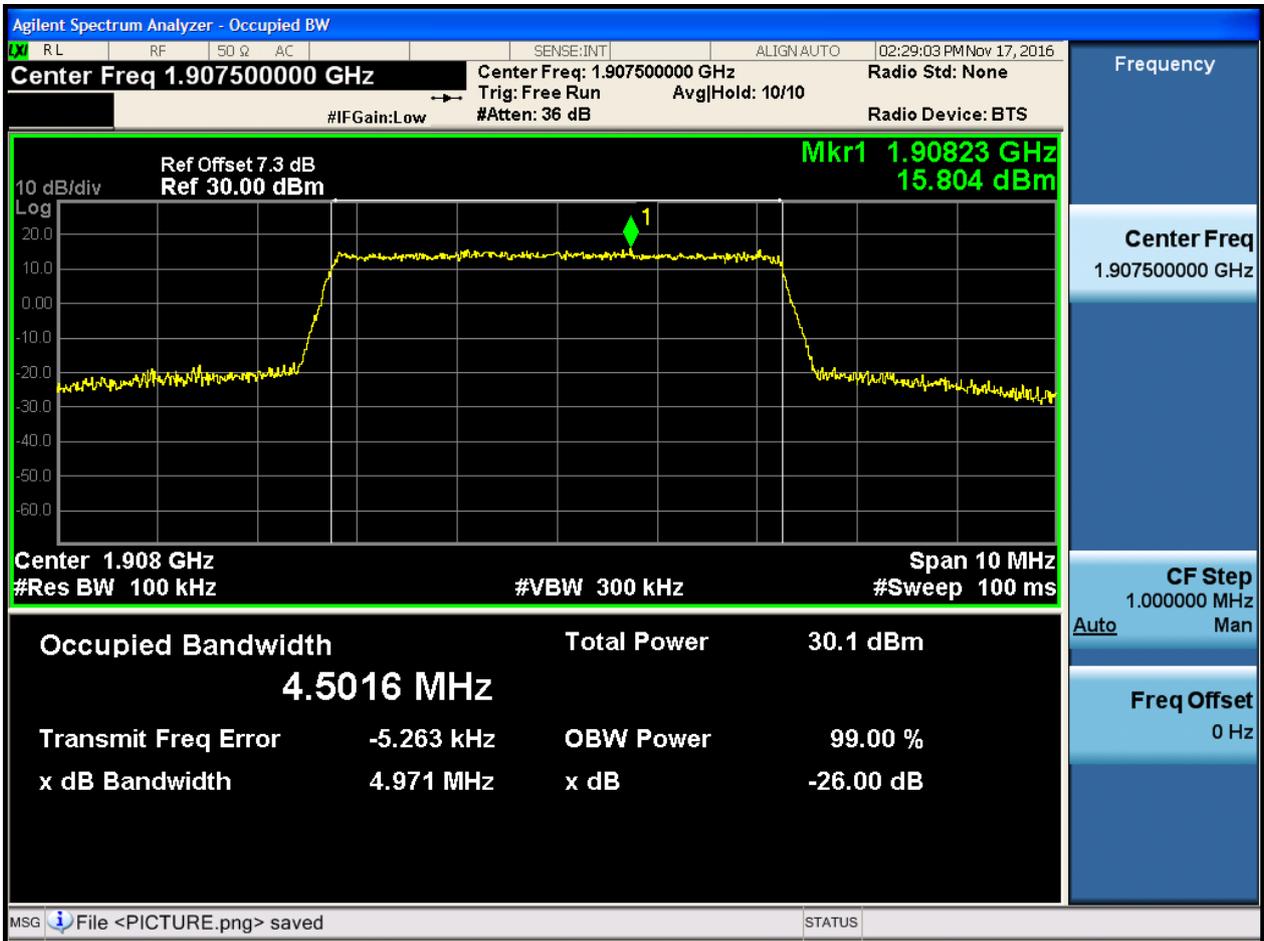
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

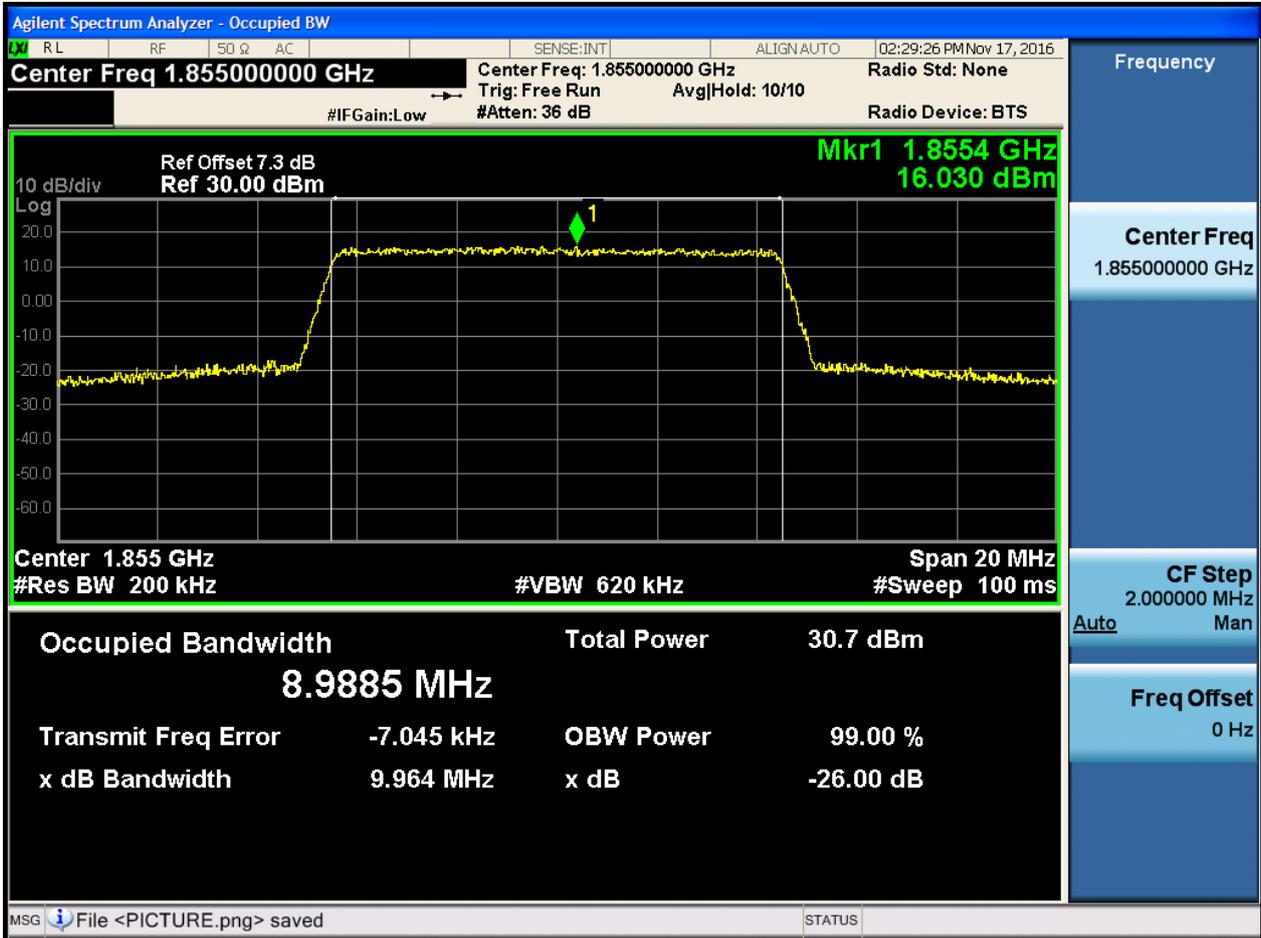




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

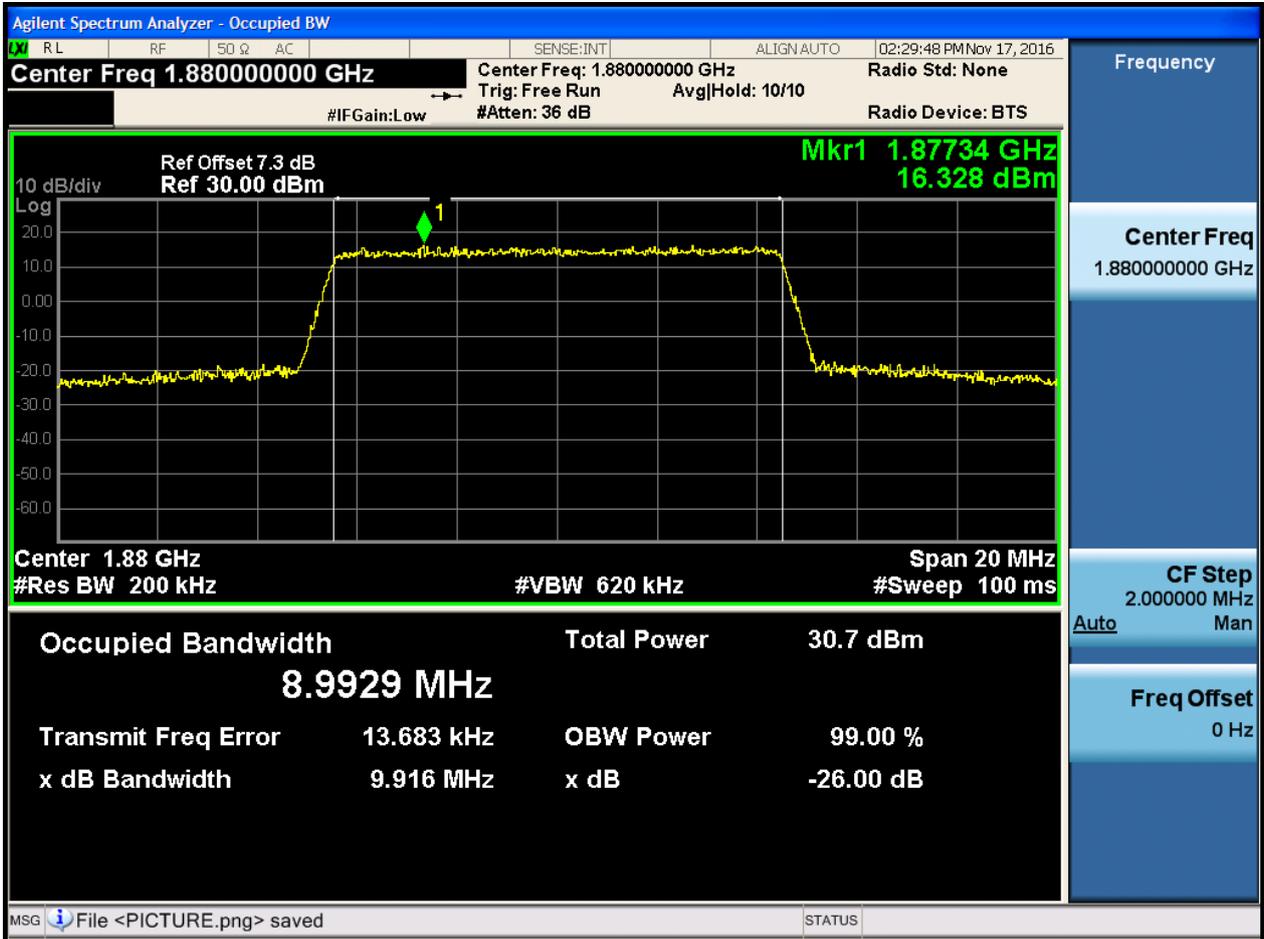
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

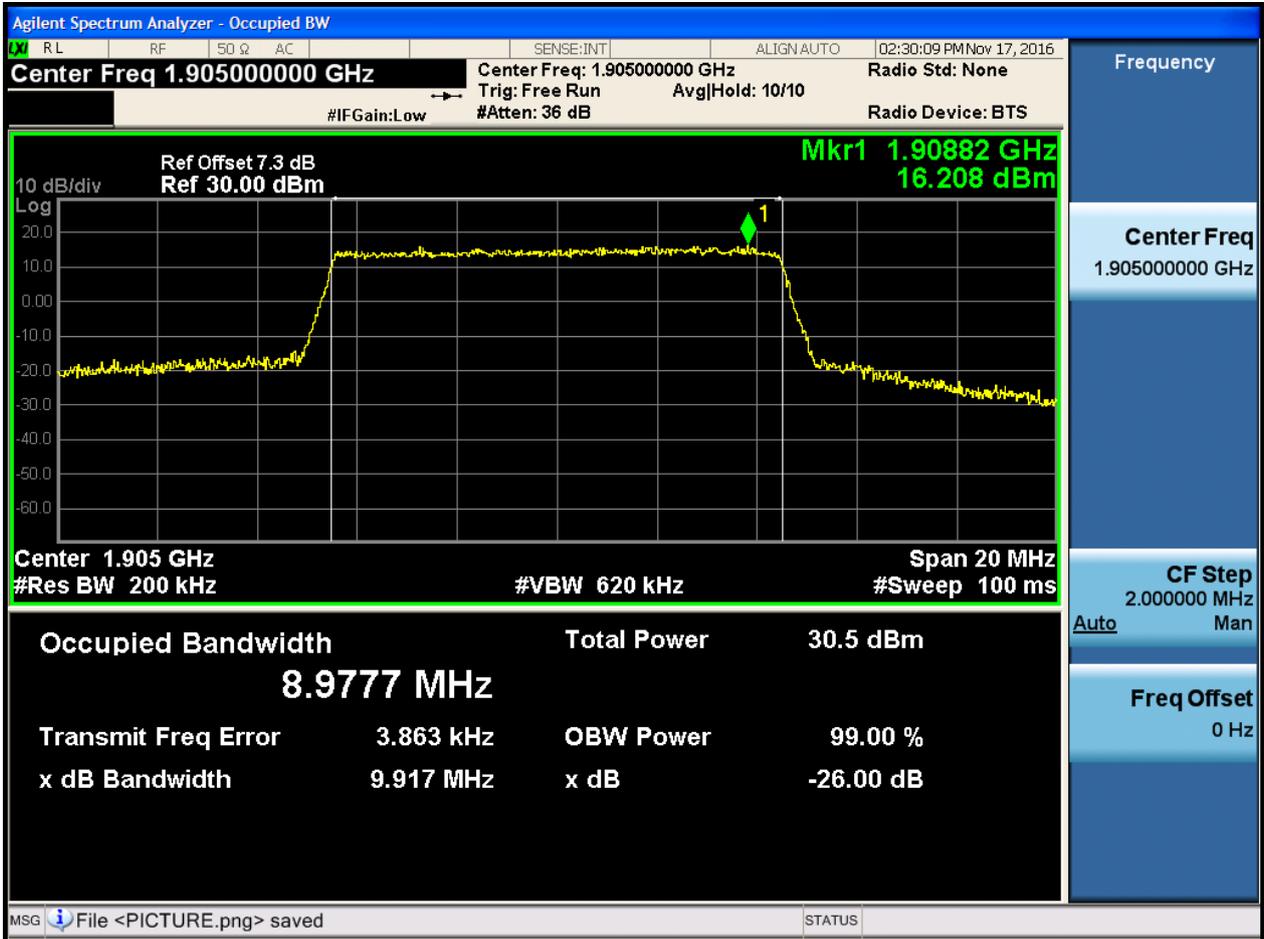
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

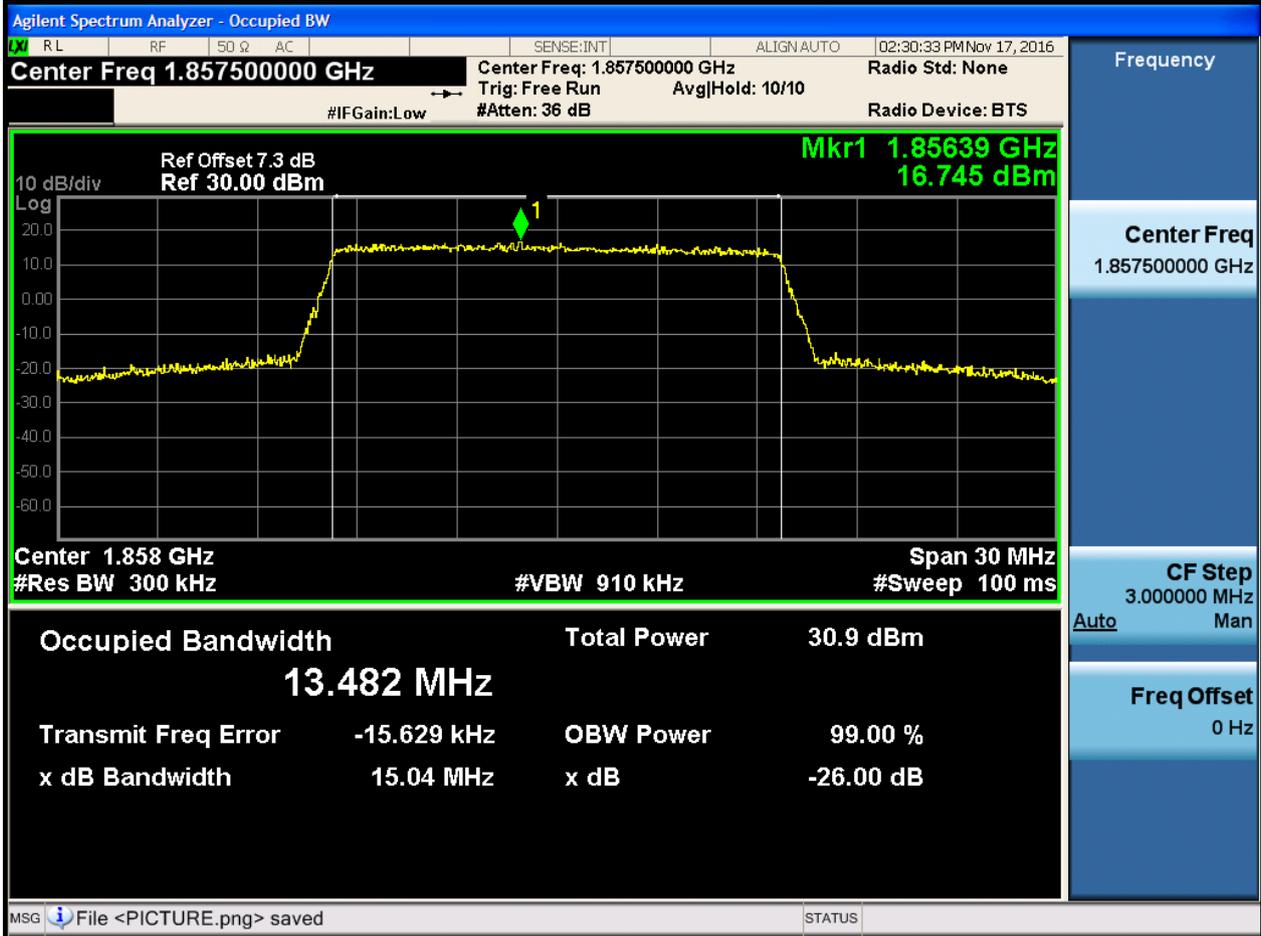




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

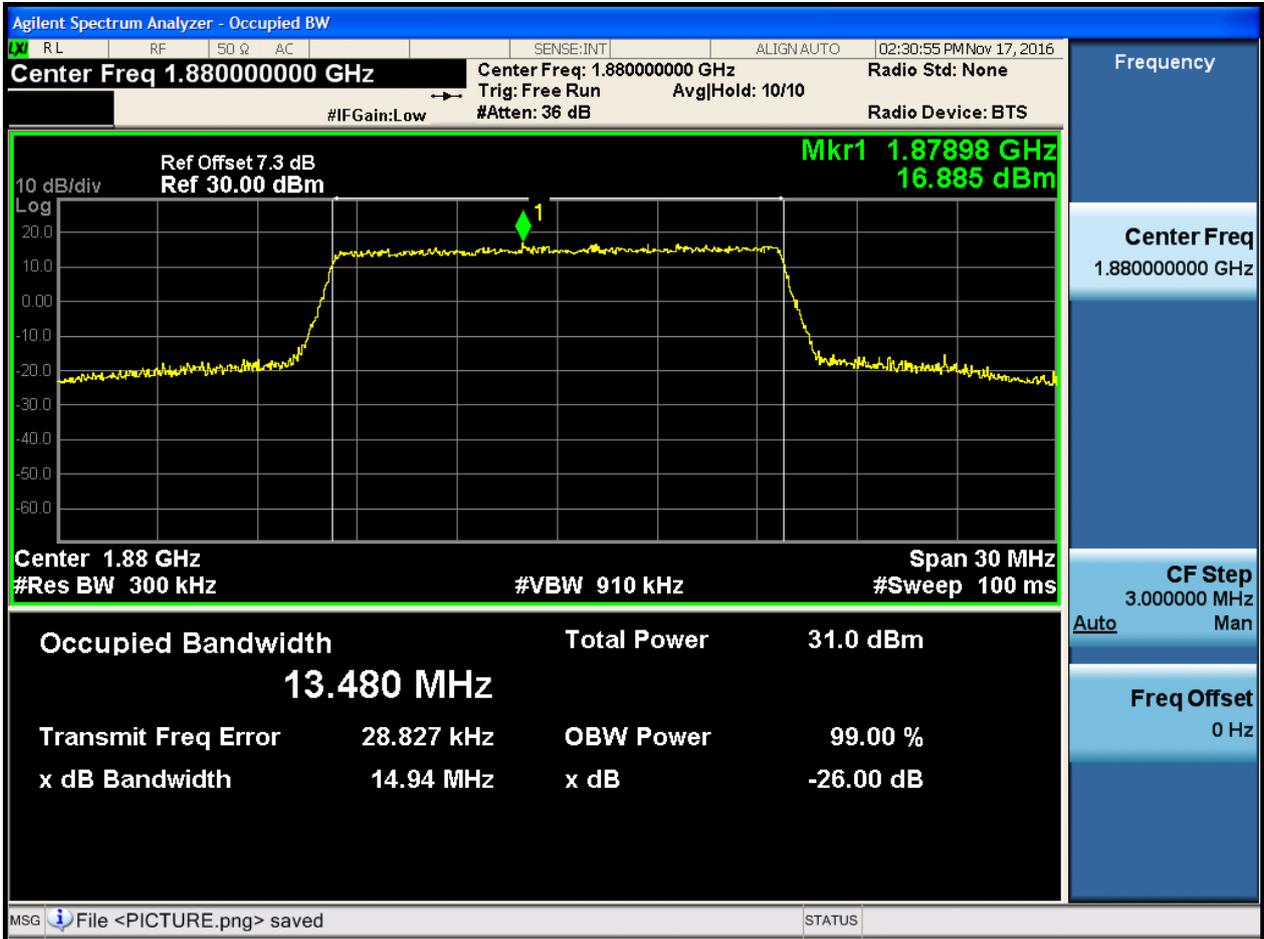
4.1.1.2.5.1.1 Test RB = RB75#0





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

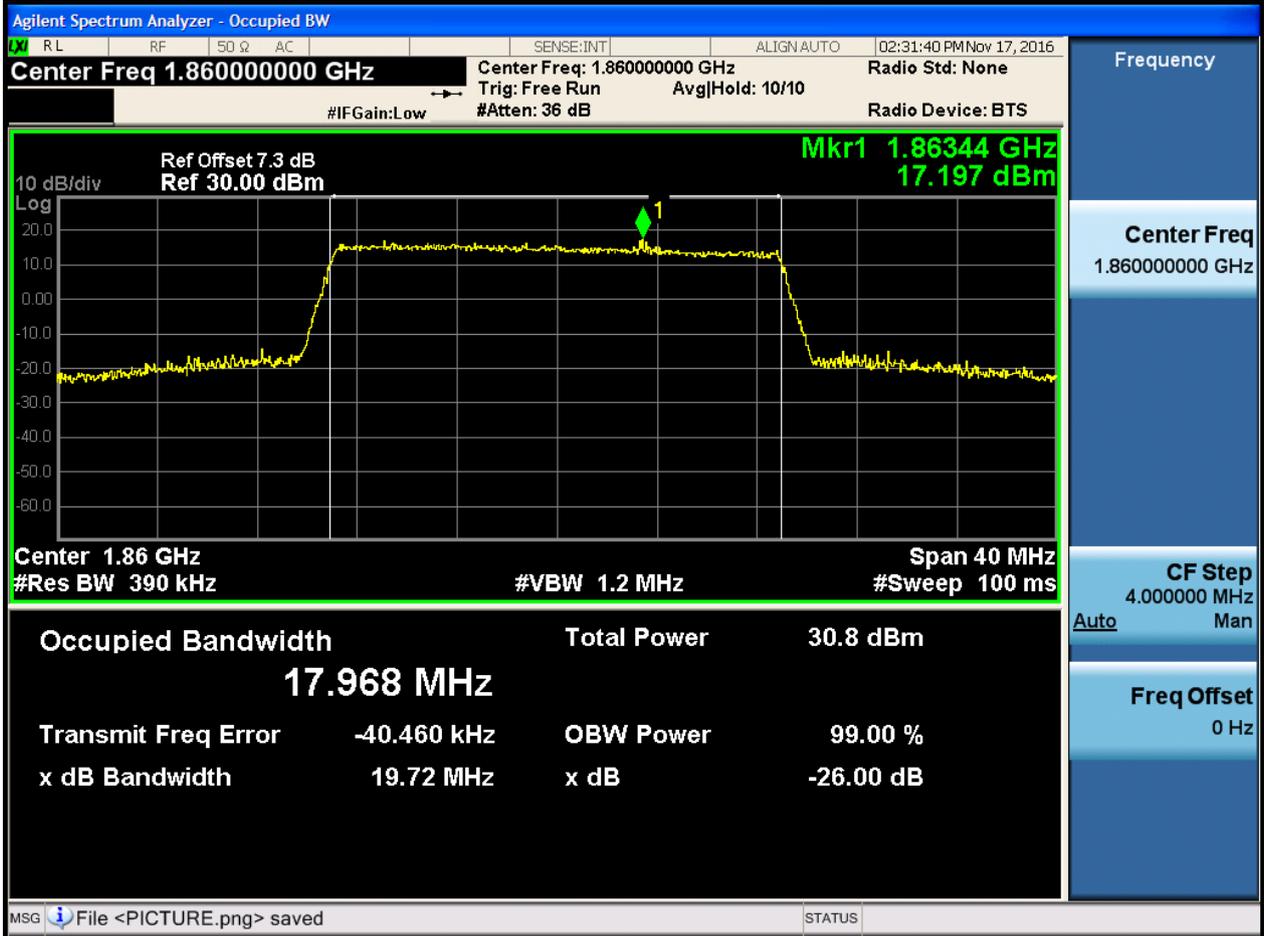




4.1.1.2.6 Test Bandwidth = 20

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

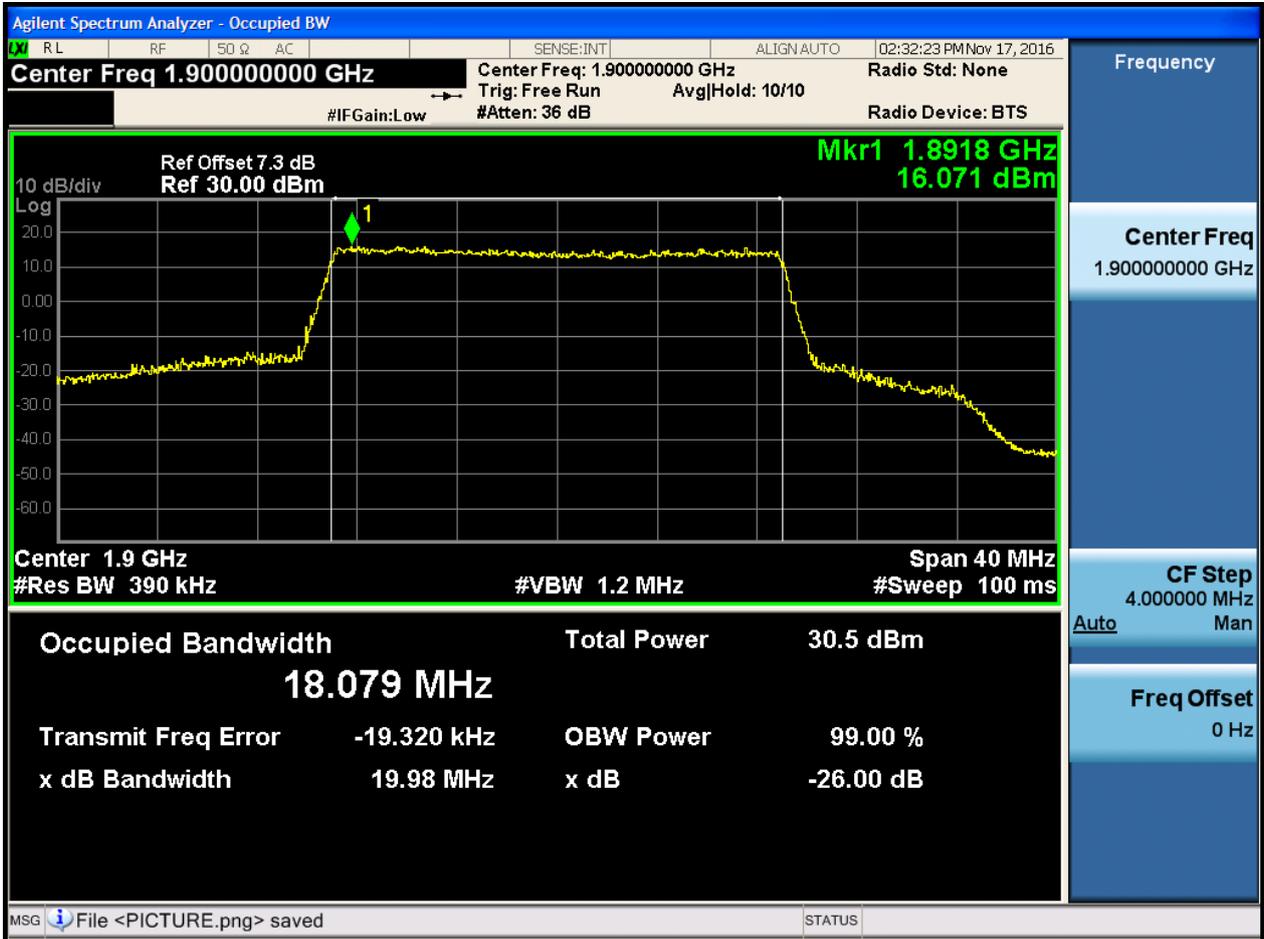
4.1.1.2.6.2.1 Test RB = RB100#0





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

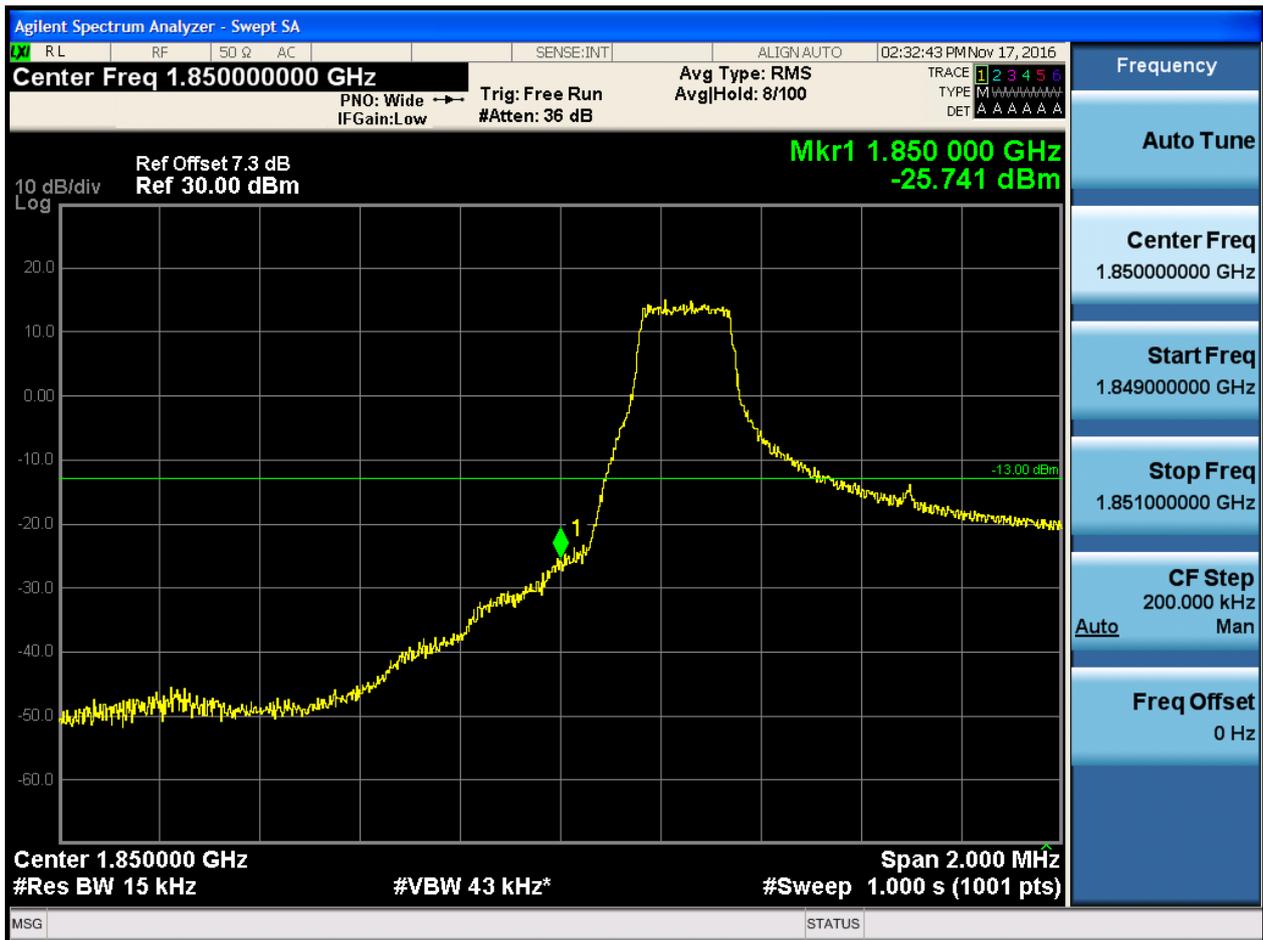
#### 5.1.1 Test Band = BAND2

##### 5.1.1.1 Test Mode = LTE/TM1

##### 5.1.1.1.1 Test Bandwidth = 1.4

##### 5.1.1.1.1.1 Test Channel = LCH

##### 5.1.1.1.1.1.1 Test RB = RB1#0



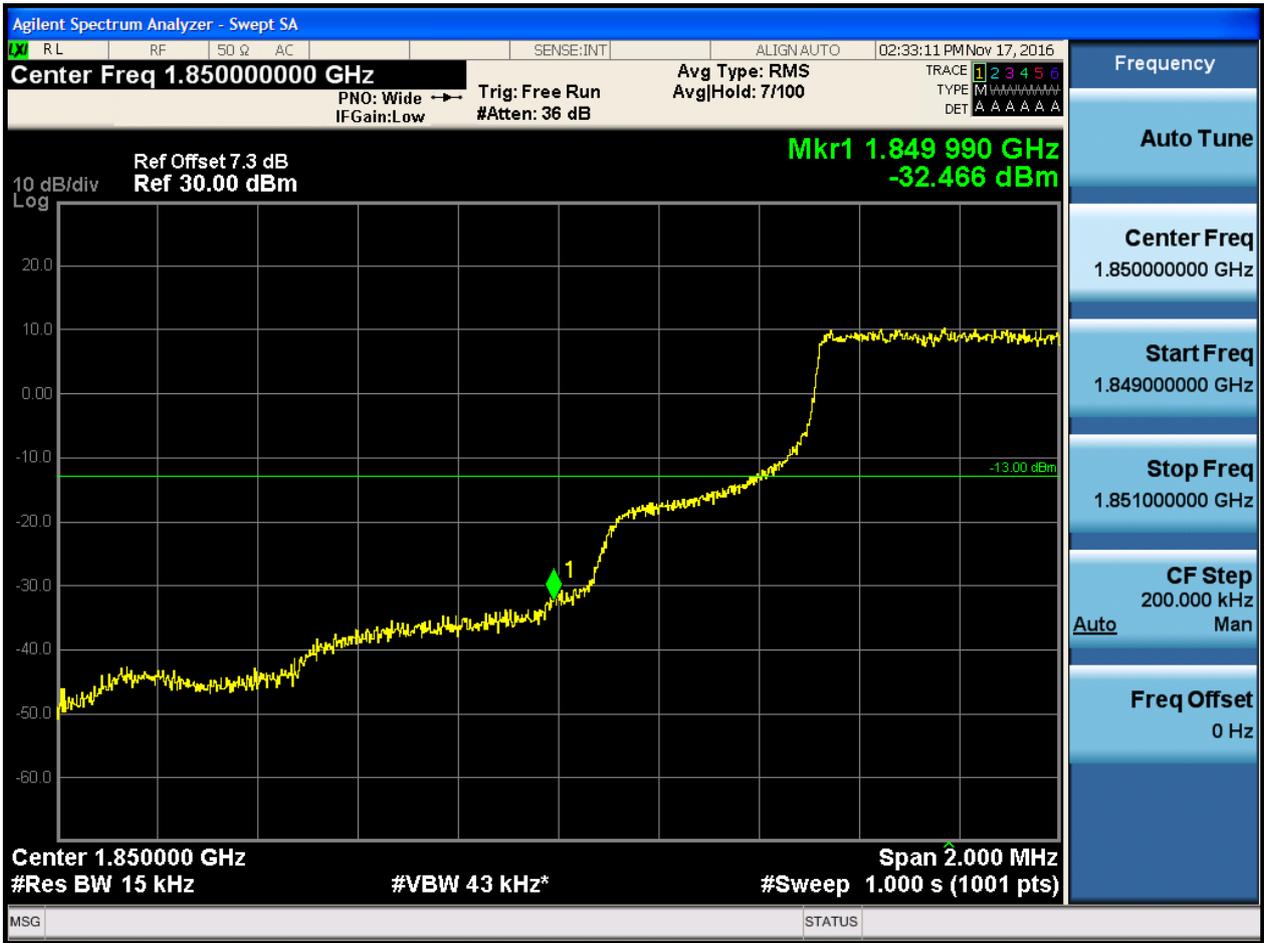


5.1.1.1.1.2 Test RB = RB1#5



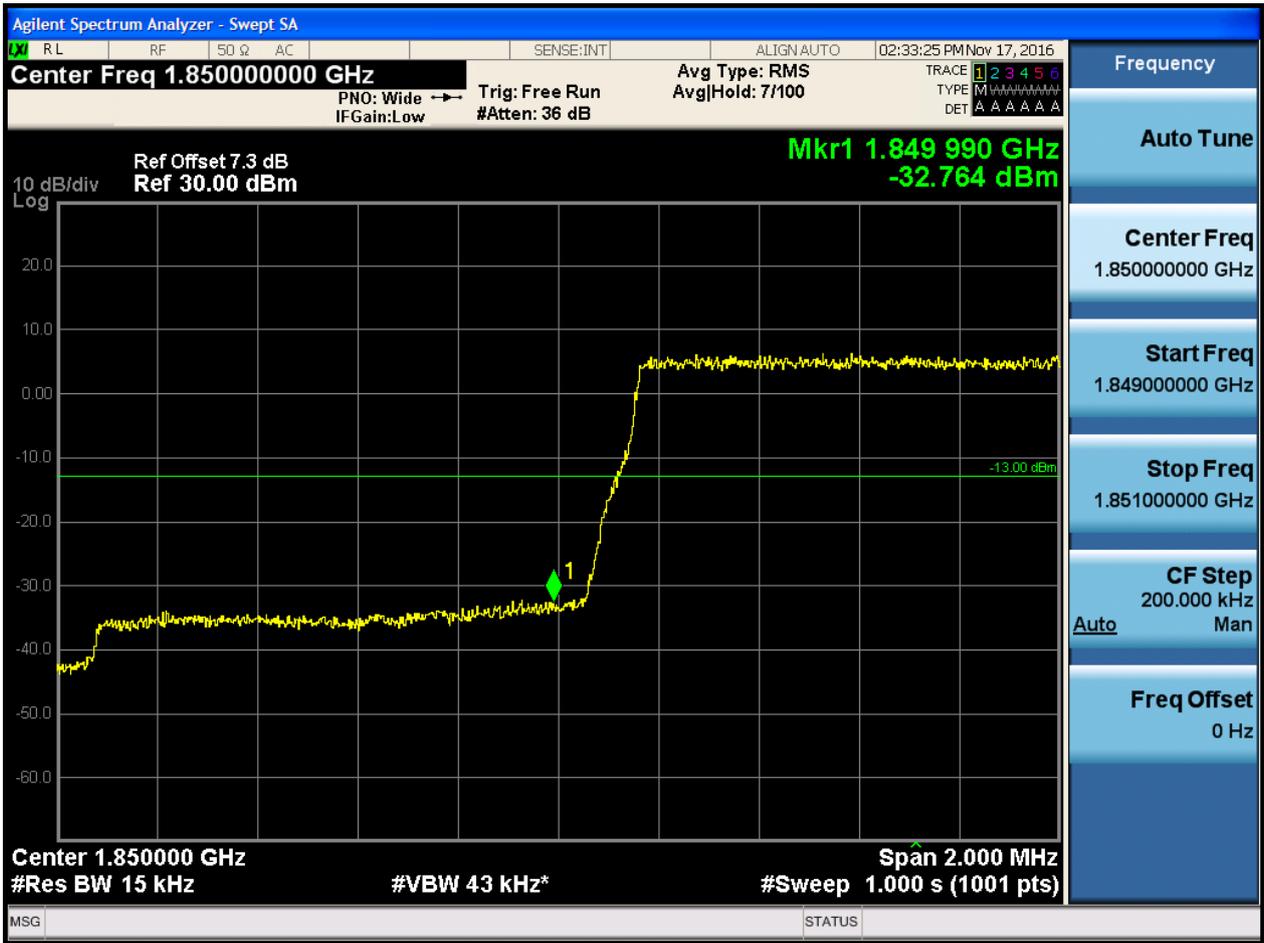


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

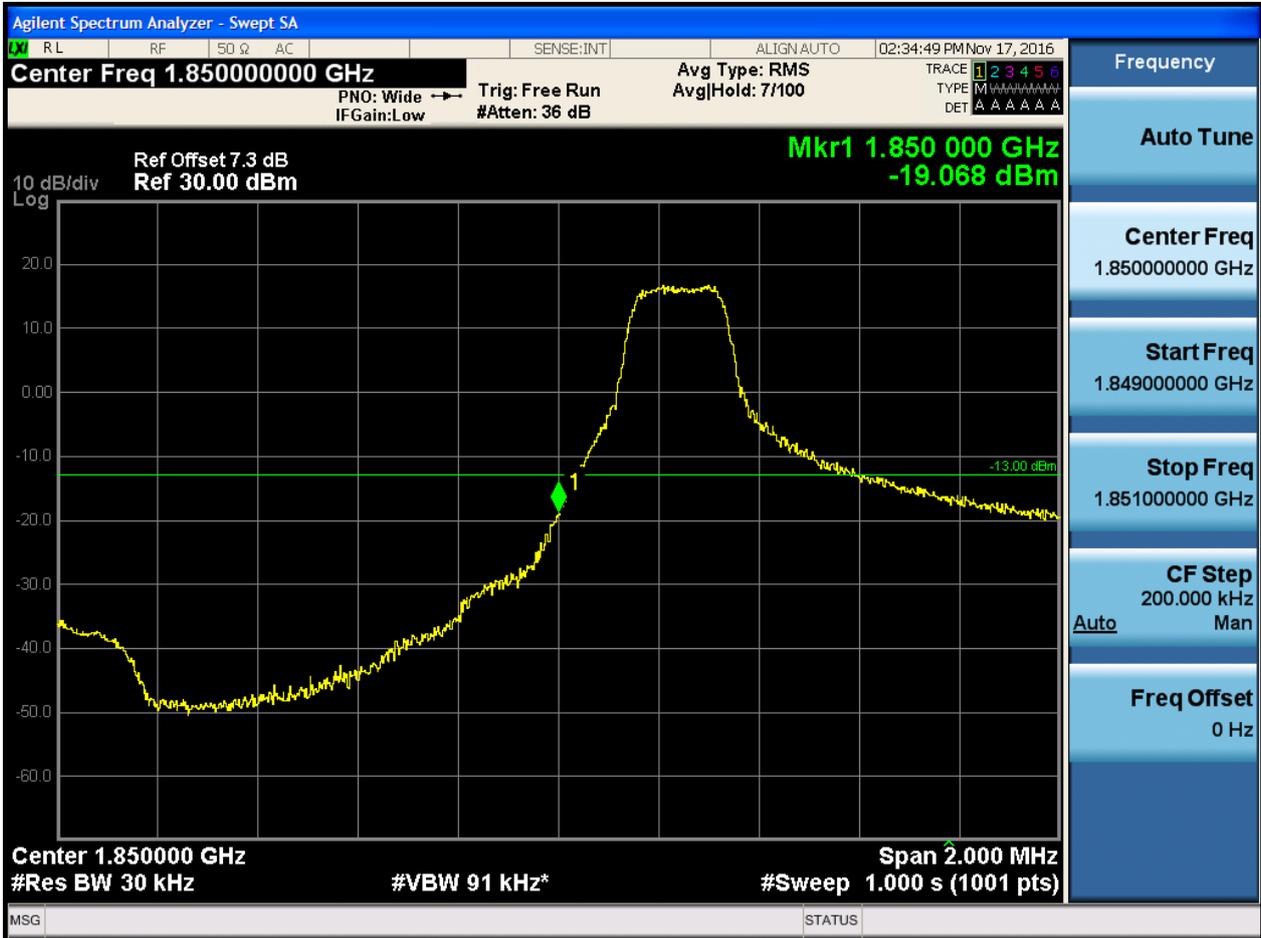




5.1.1.1.2 Test Bandwidth = 3

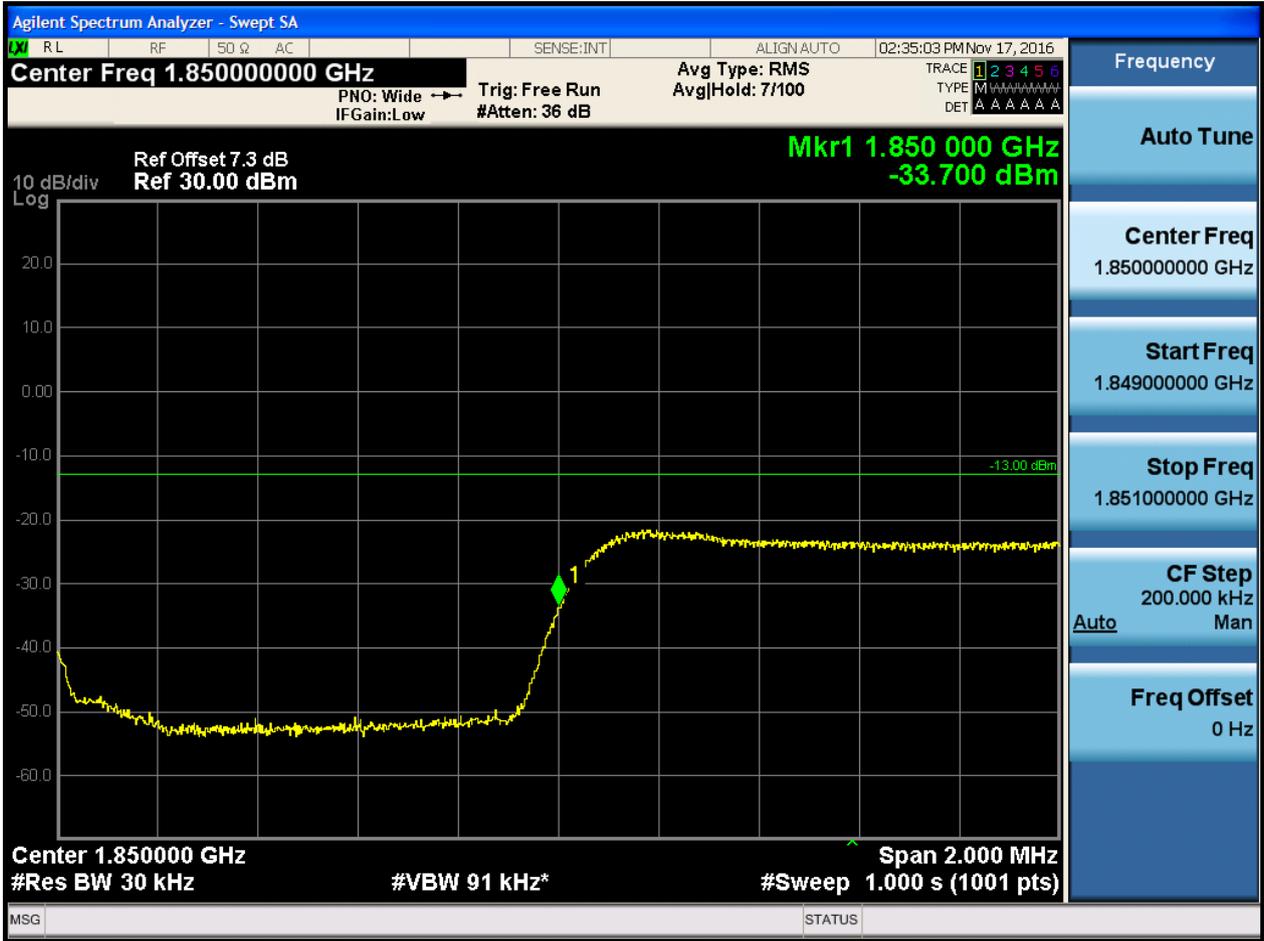
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



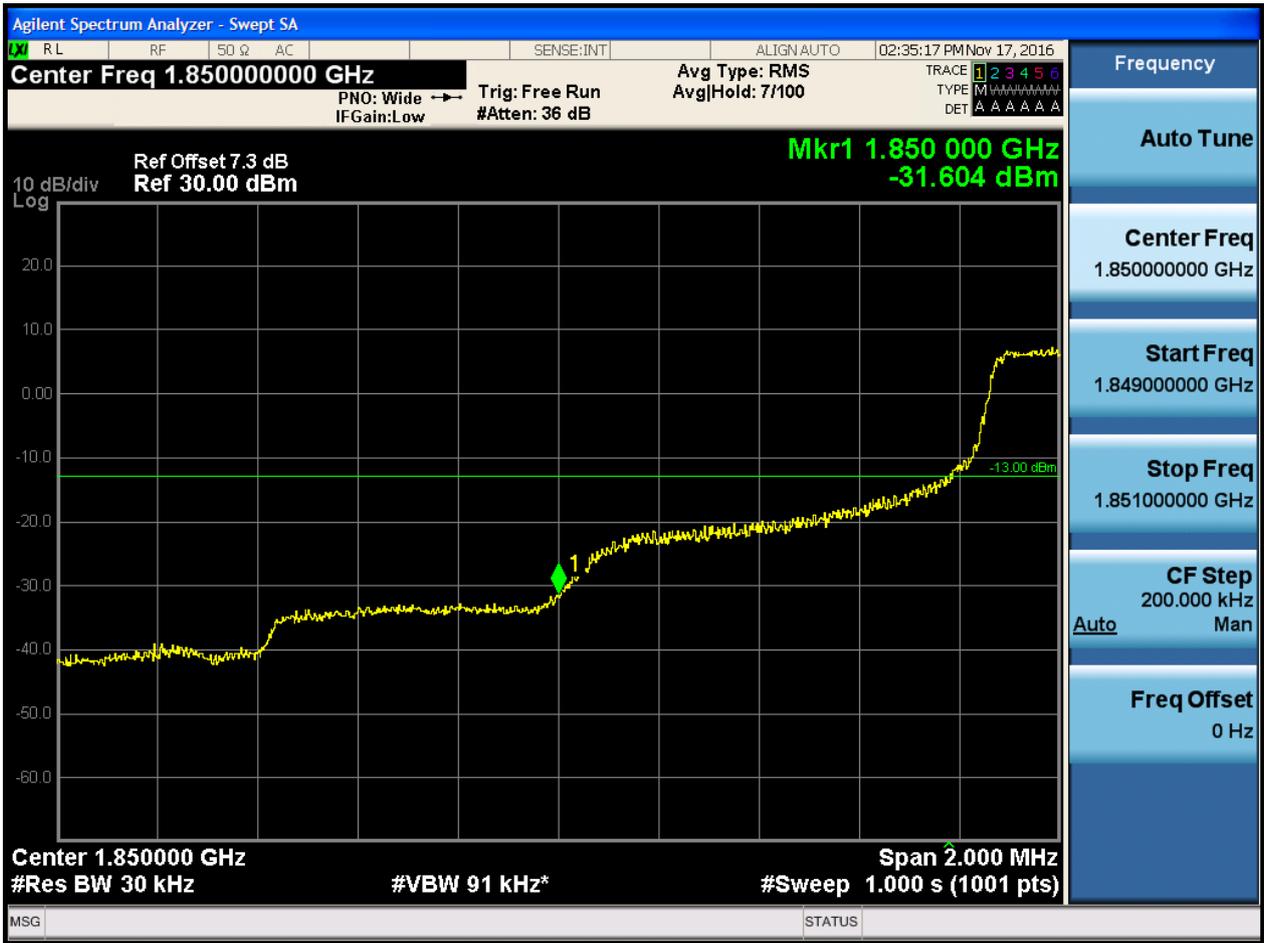


5.1.1.1.2.1.2 Test RB = RB1#14



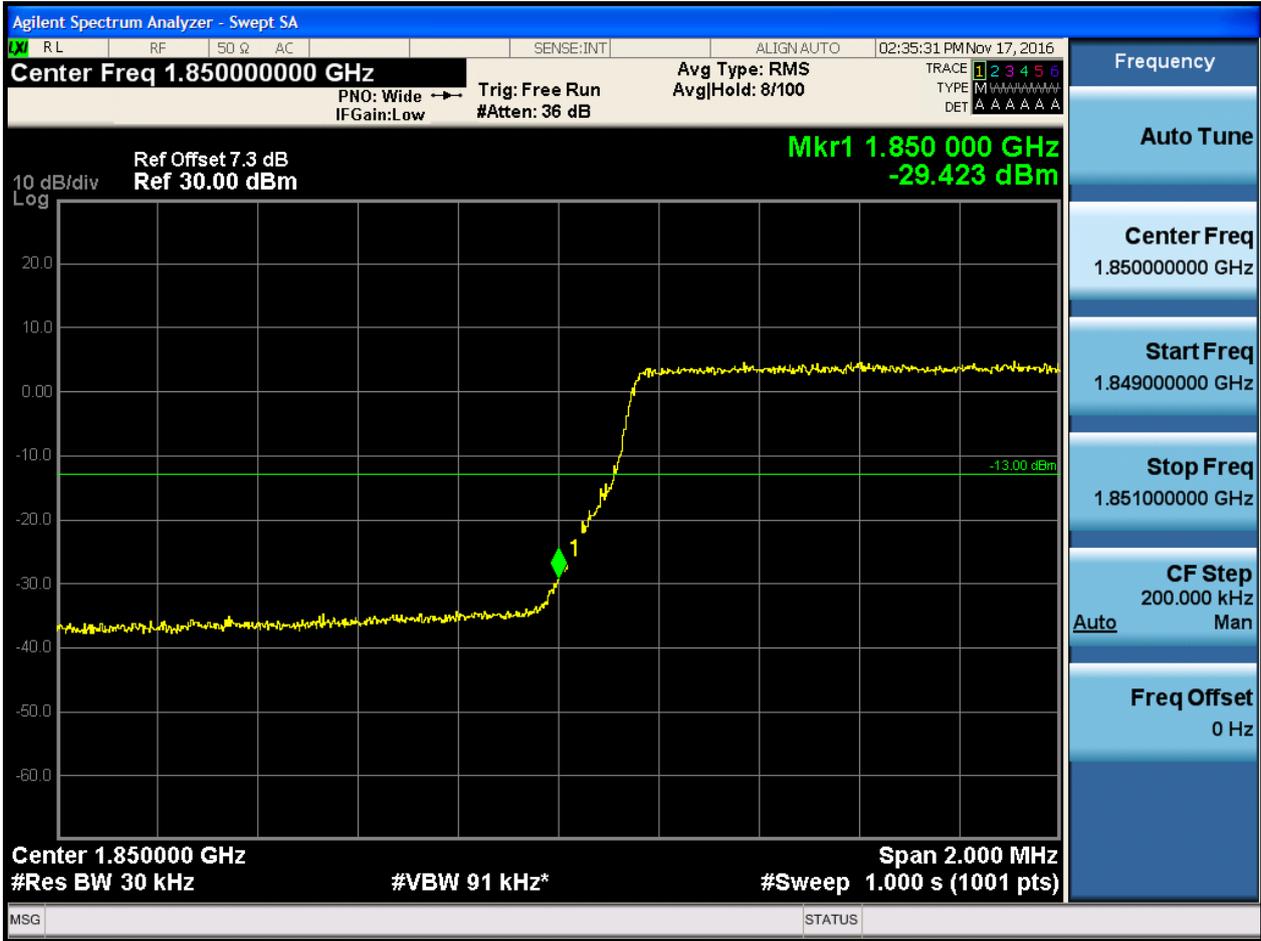


5.1.1.1.2.1.3 Test RB = RB#4





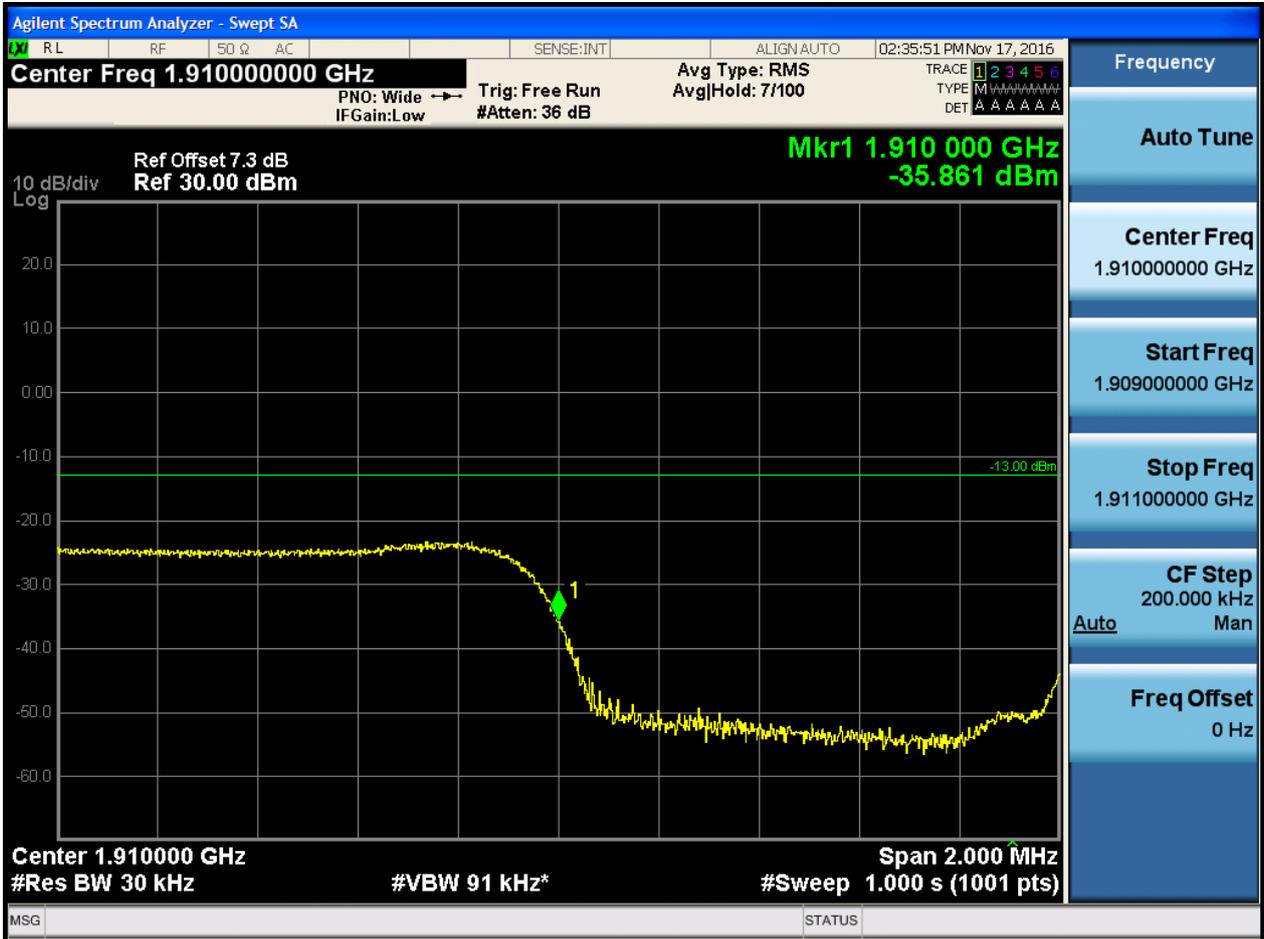
5.1.1.1.2.1.4 Test RB = RB15#0





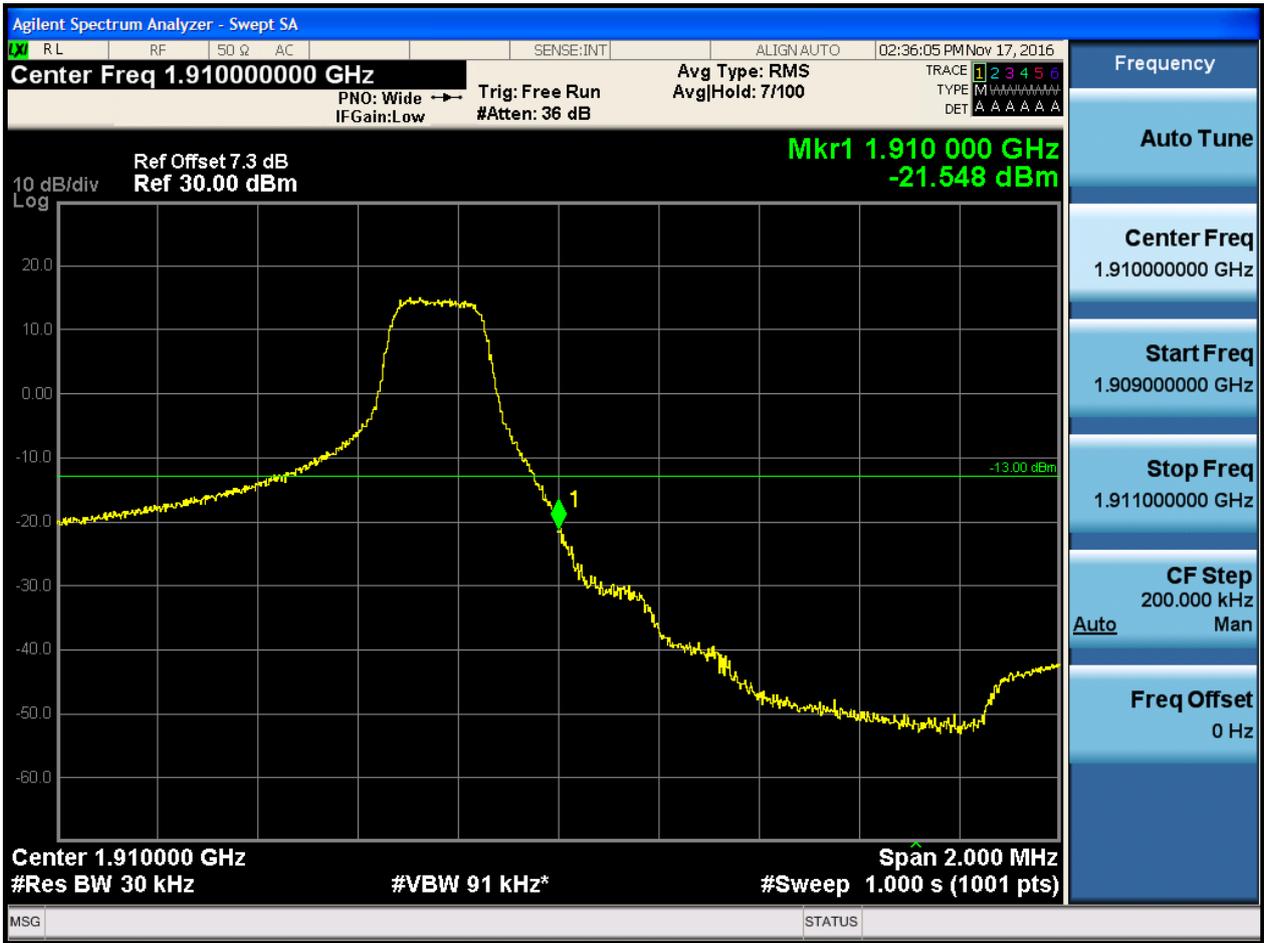
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

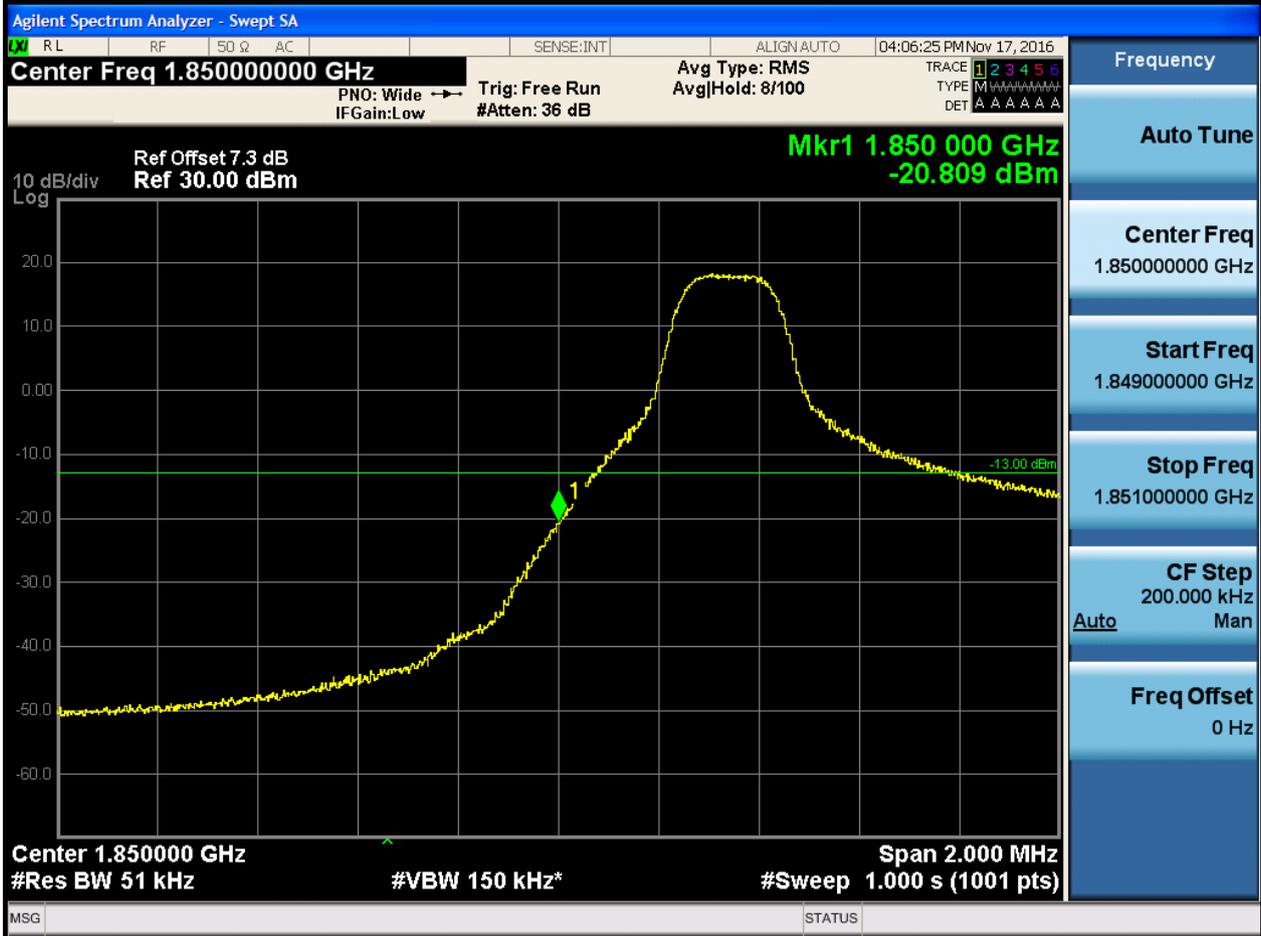




5.1.1.1.3 Test Bandwidth = 5

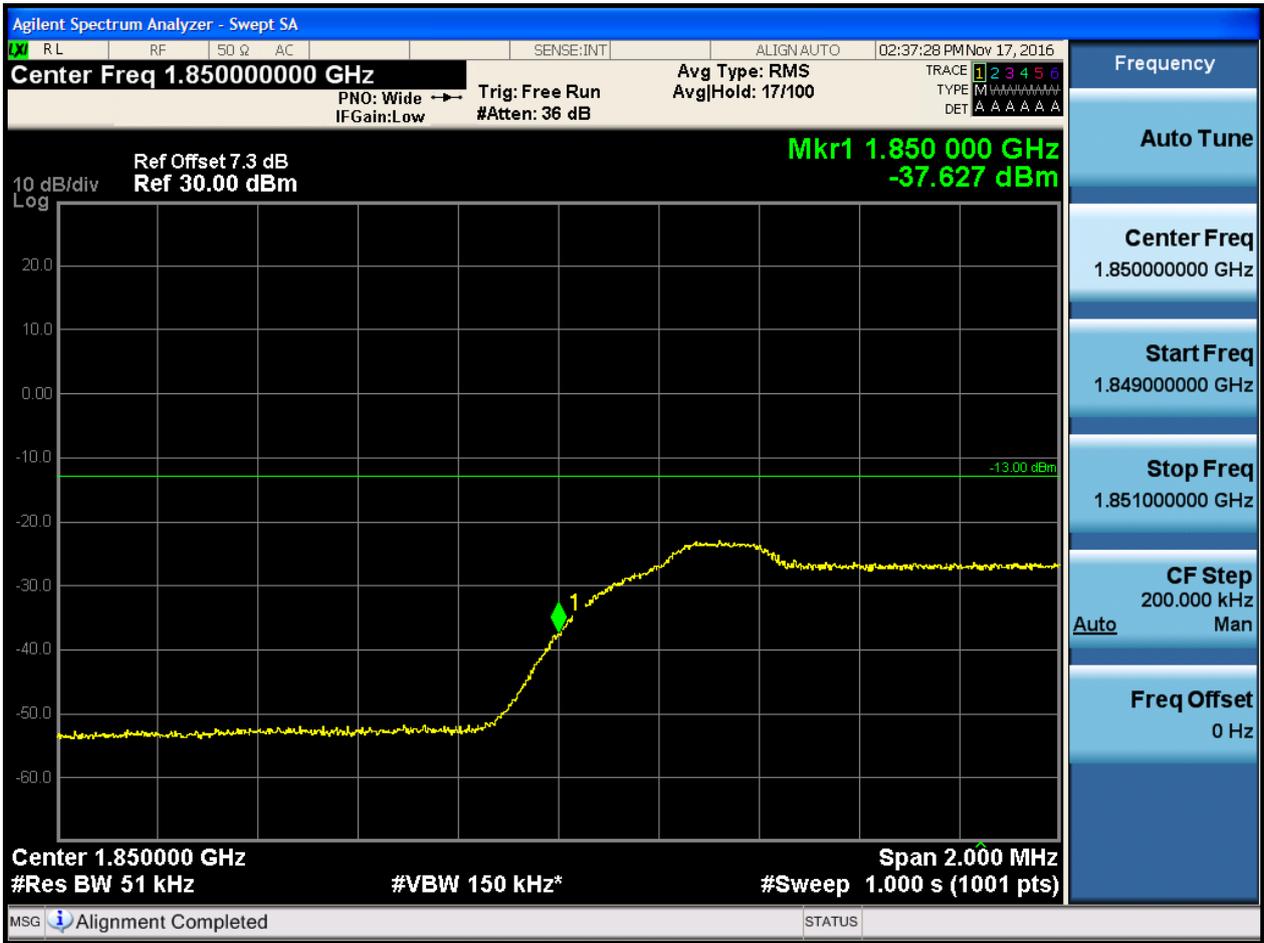
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



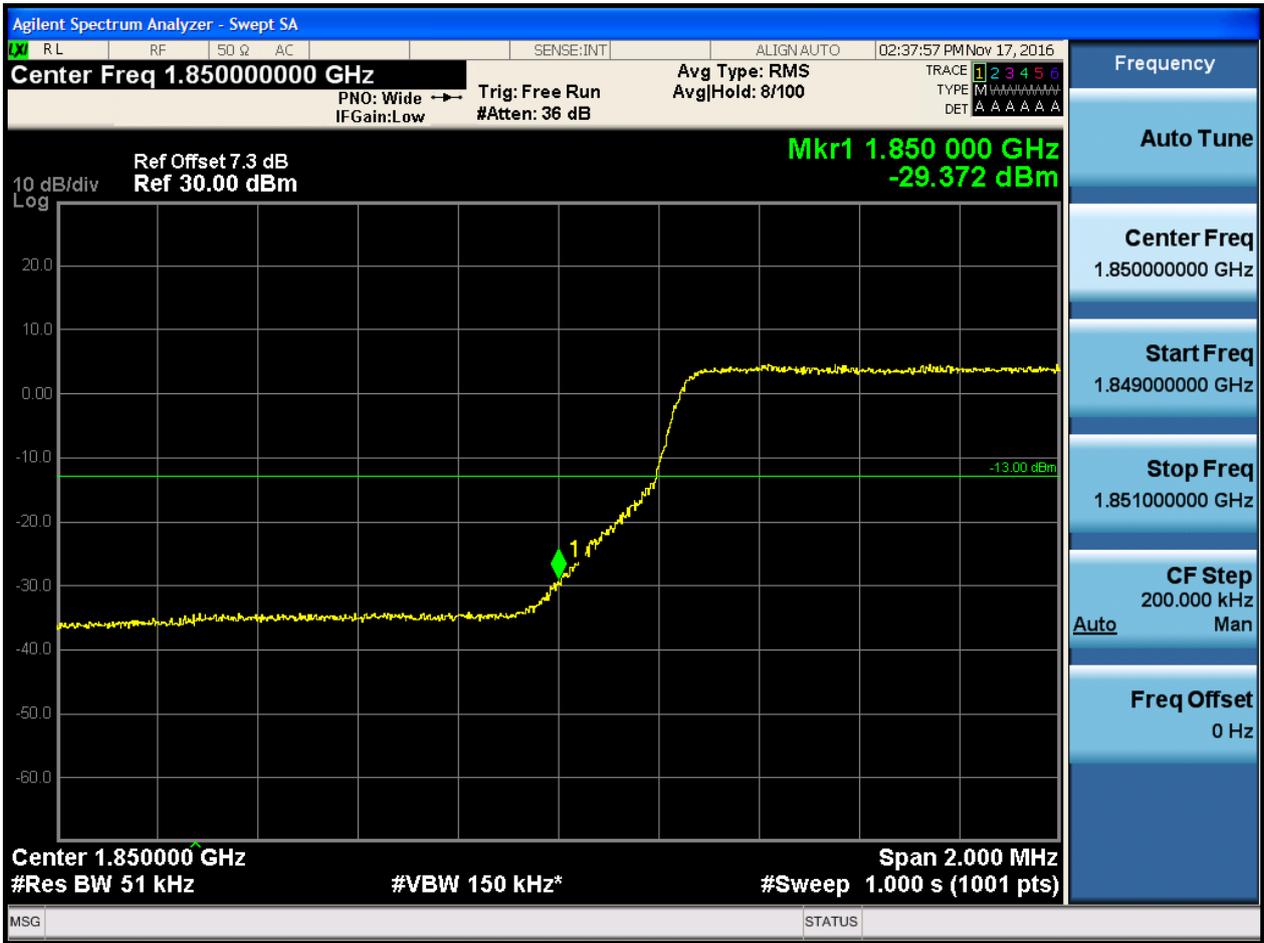


5.1.1.1.3.1.3 Test RB = RB12#6





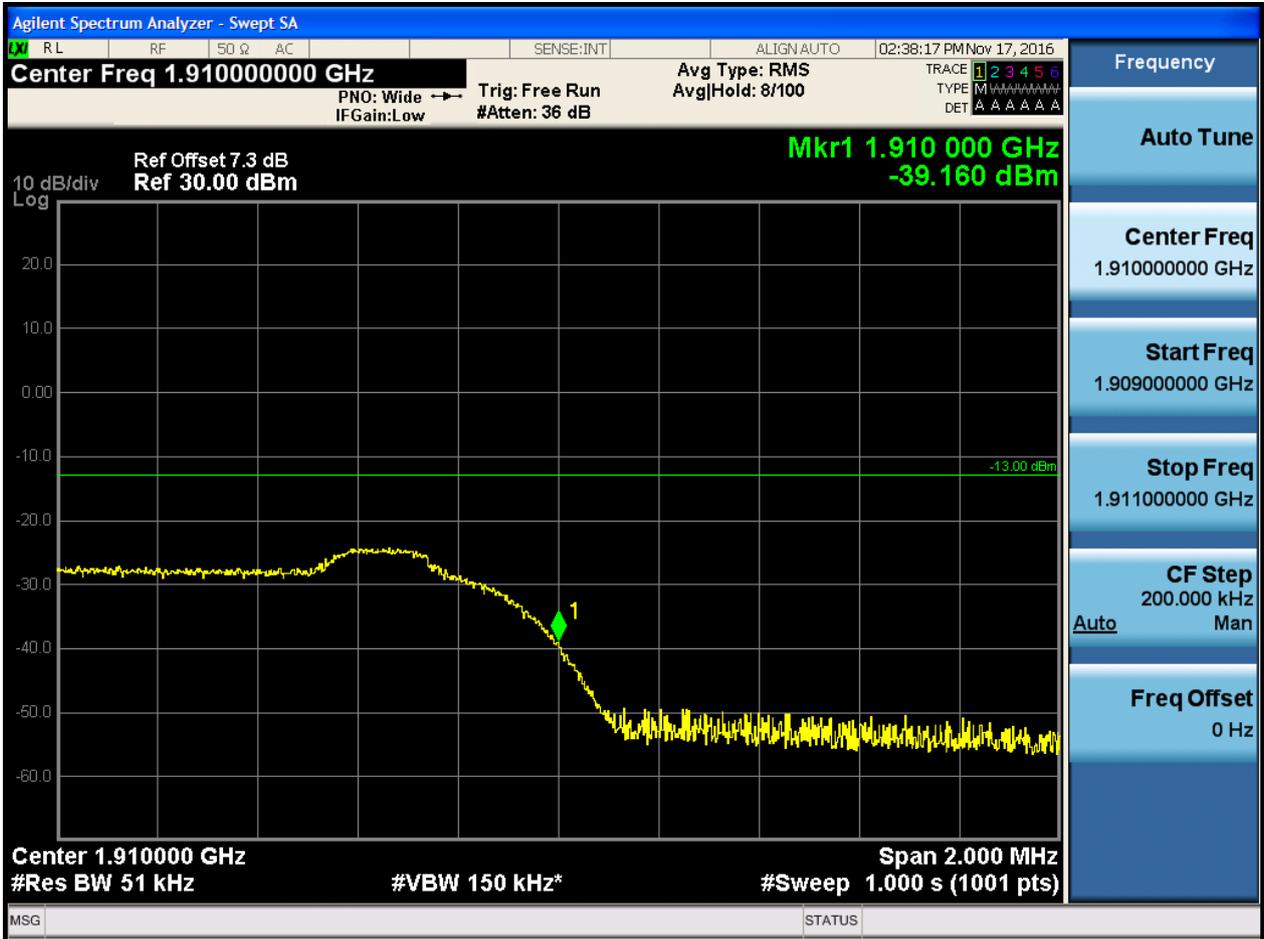
5.1.1.1.3.1.4 Test RB = RB25#0





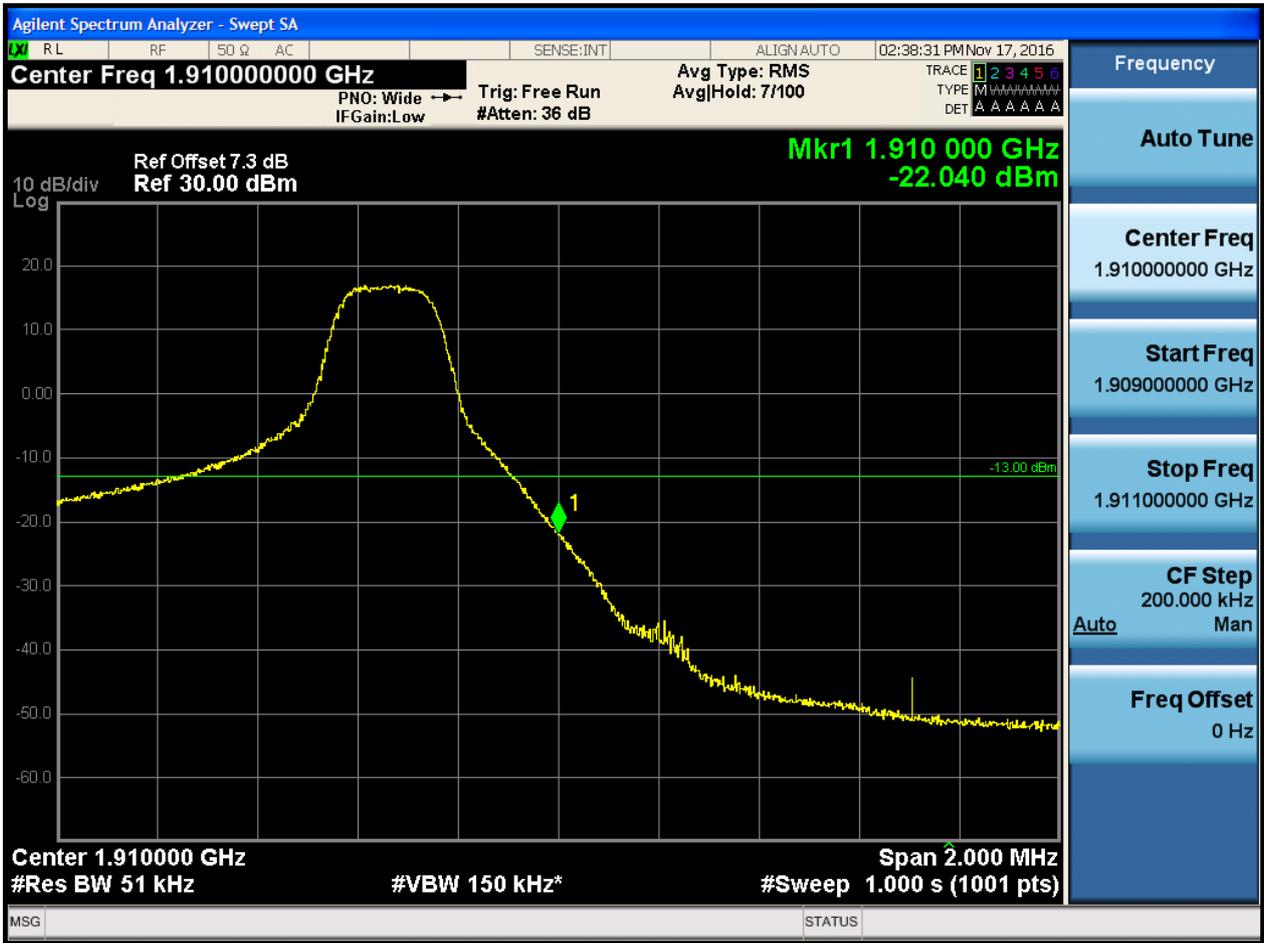
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

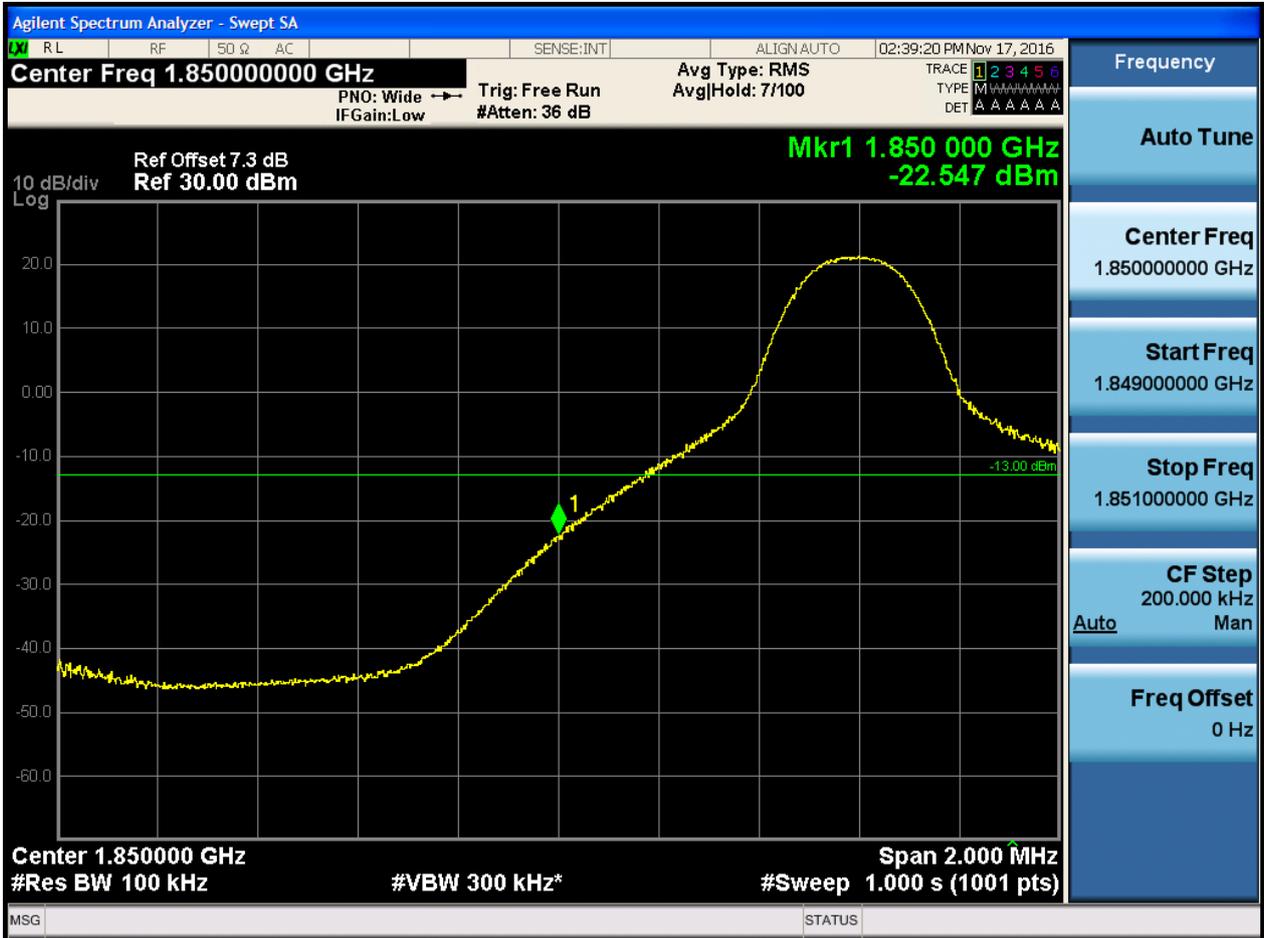




5.1.1.1.4 Test Bandwidth = 10

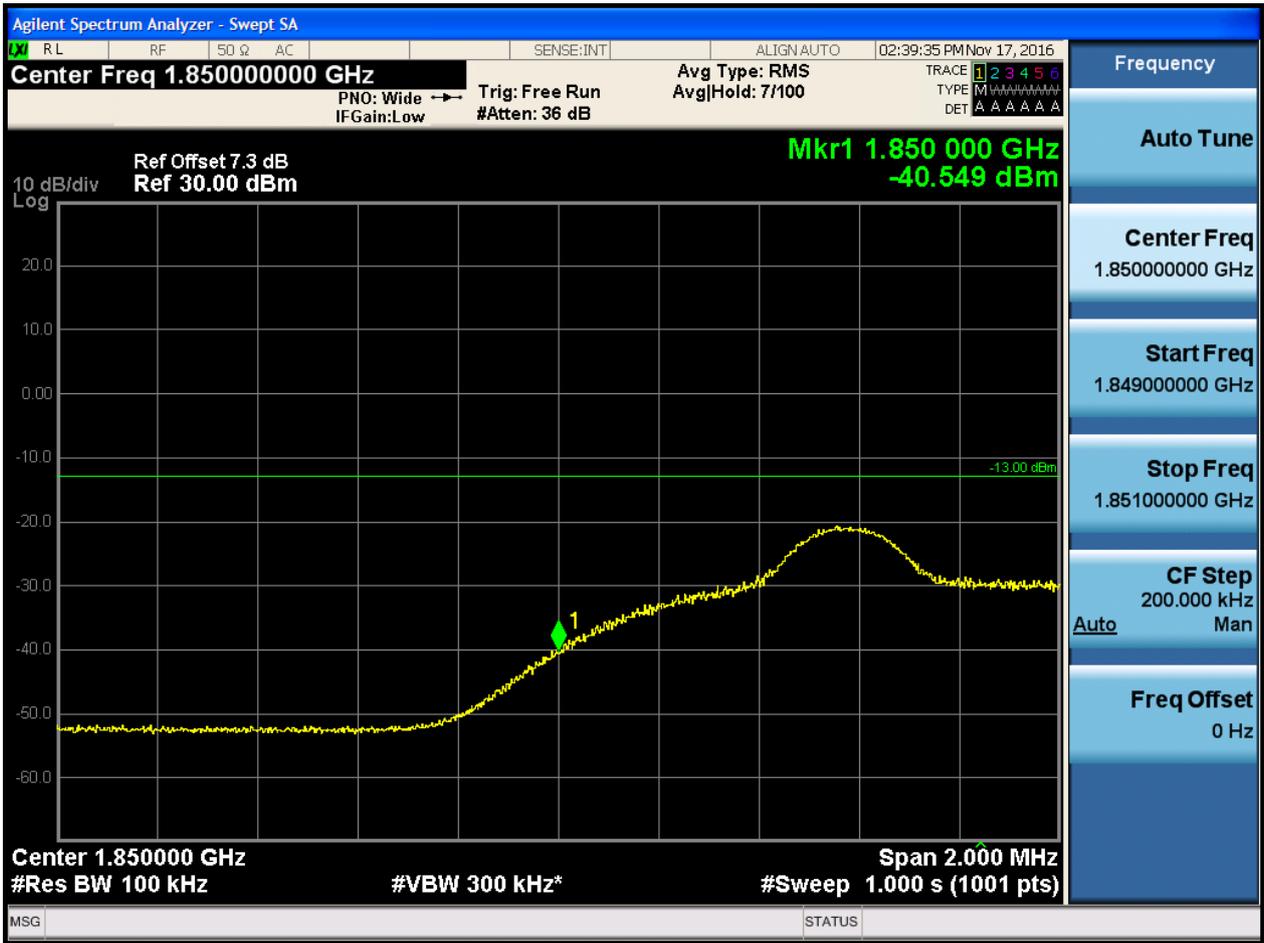
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





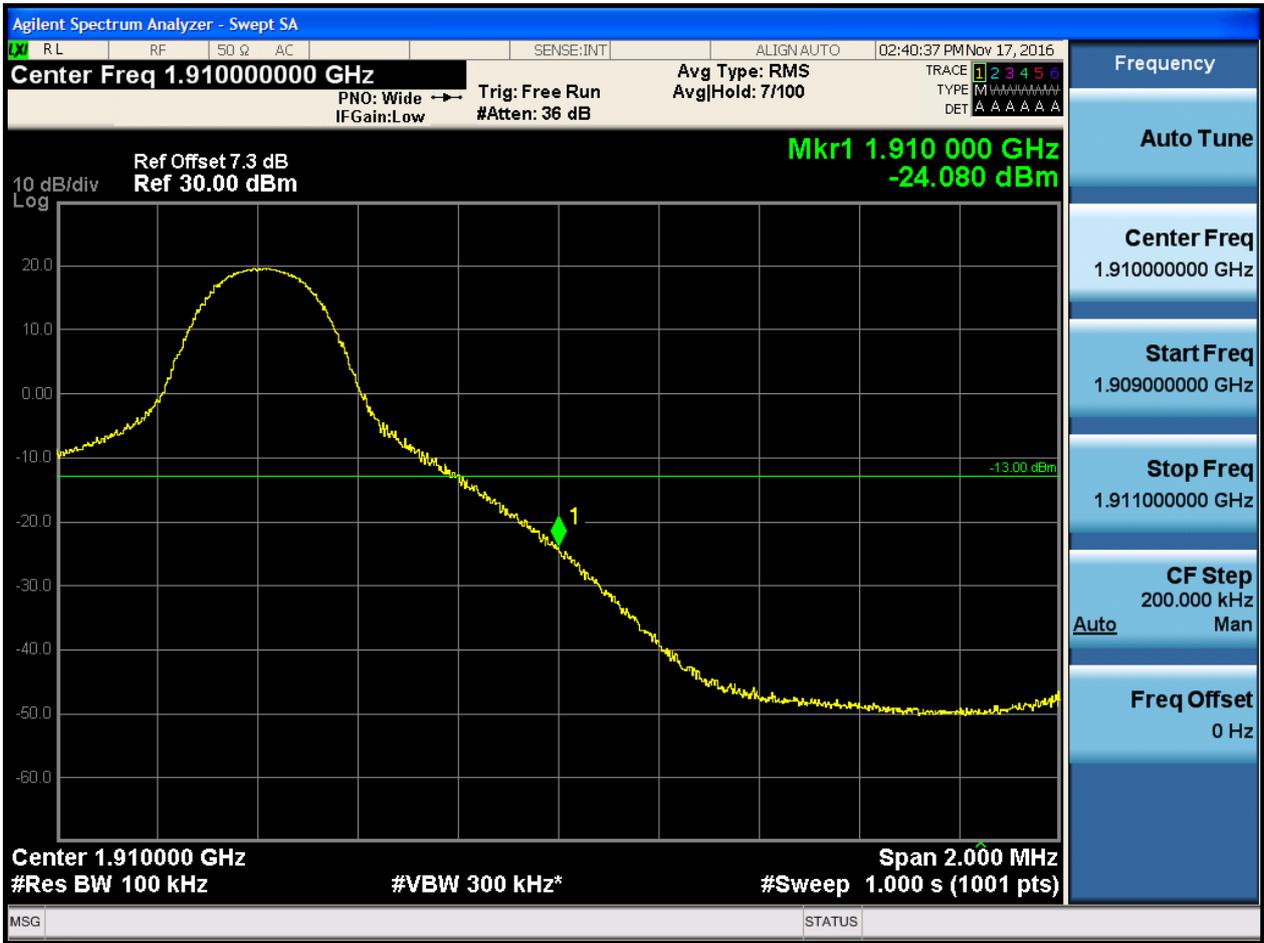
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0





5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



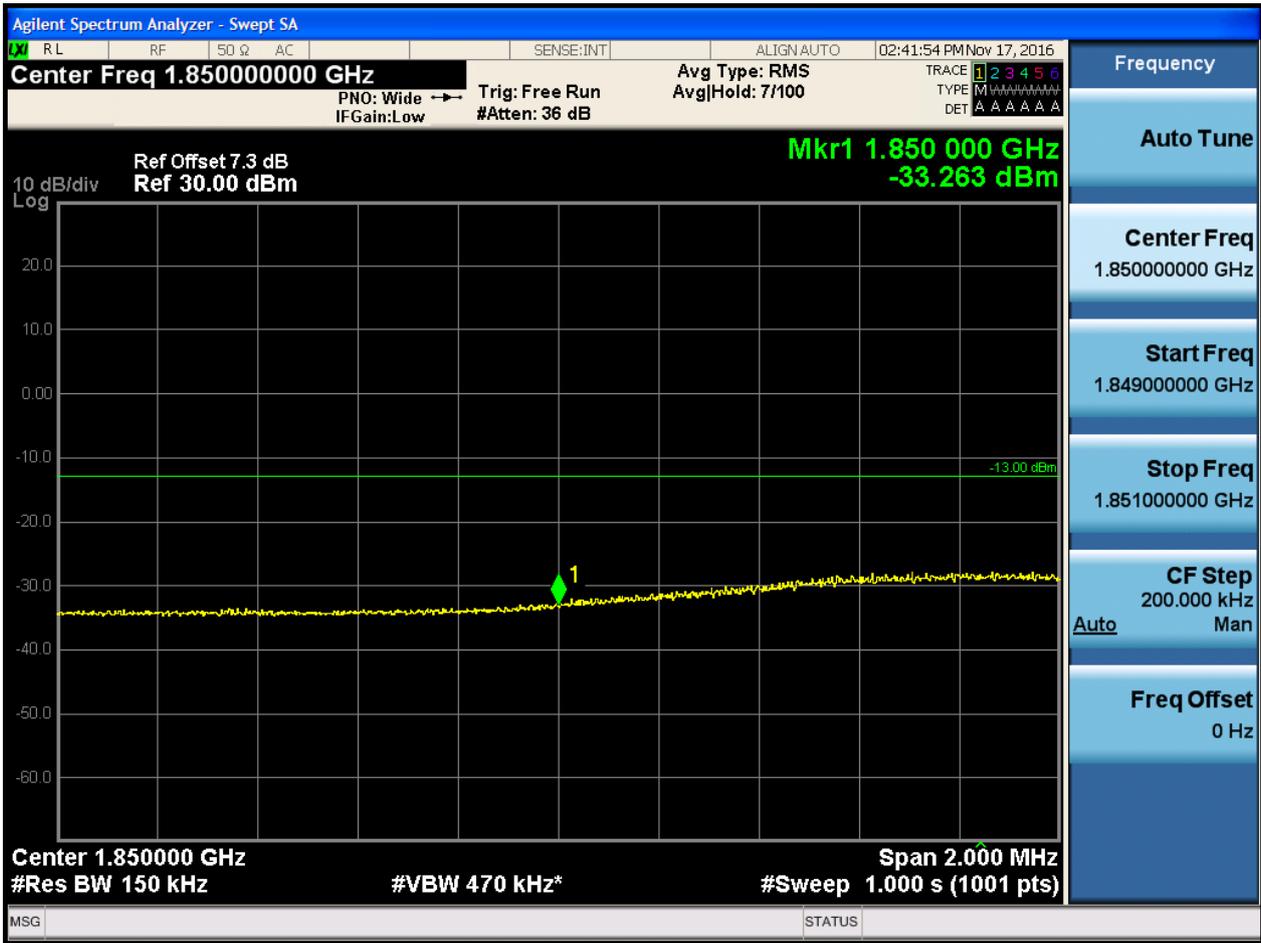


5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





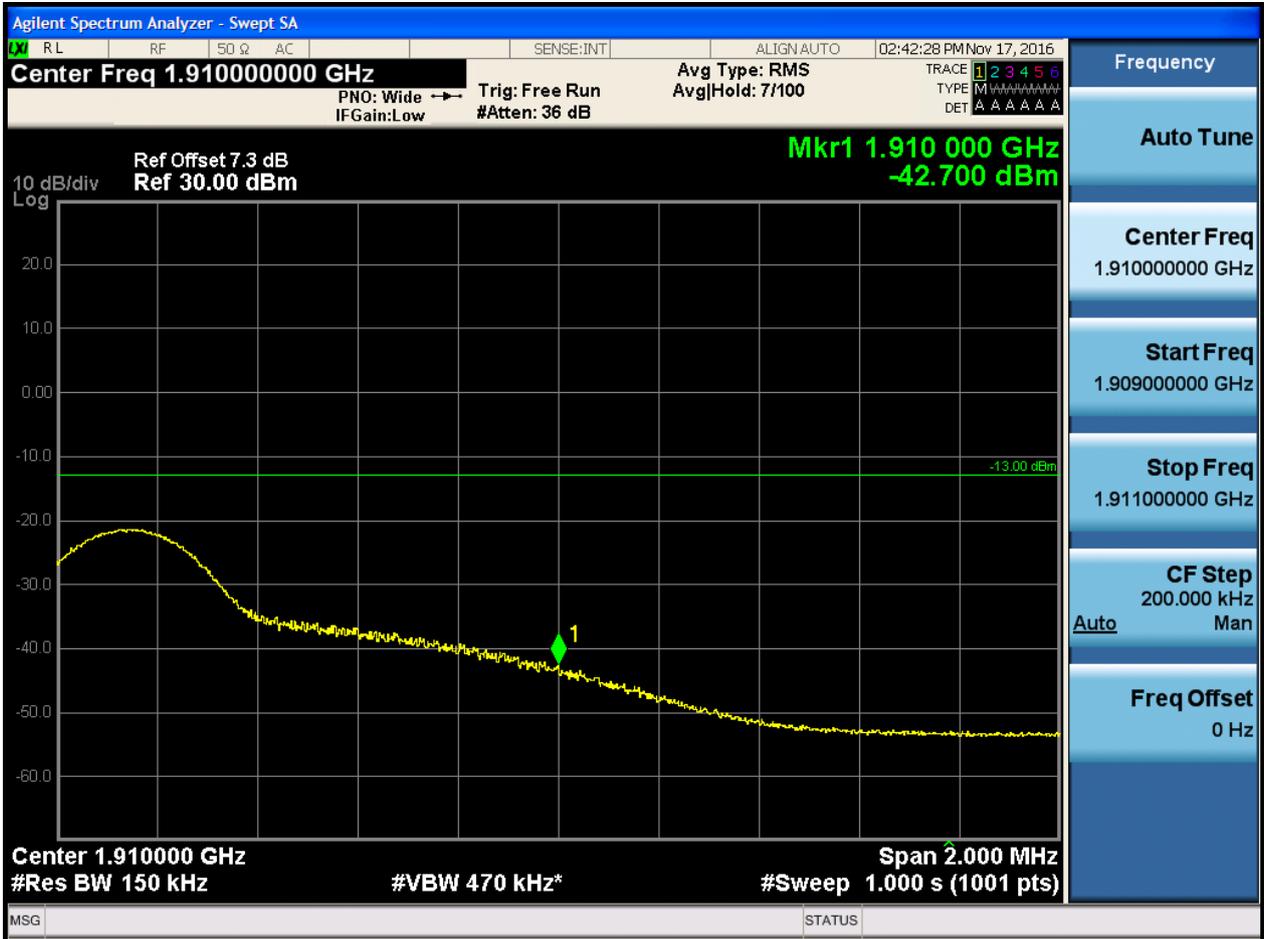
5.1.1.1.5.1.4 Test RB = RB75#0





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



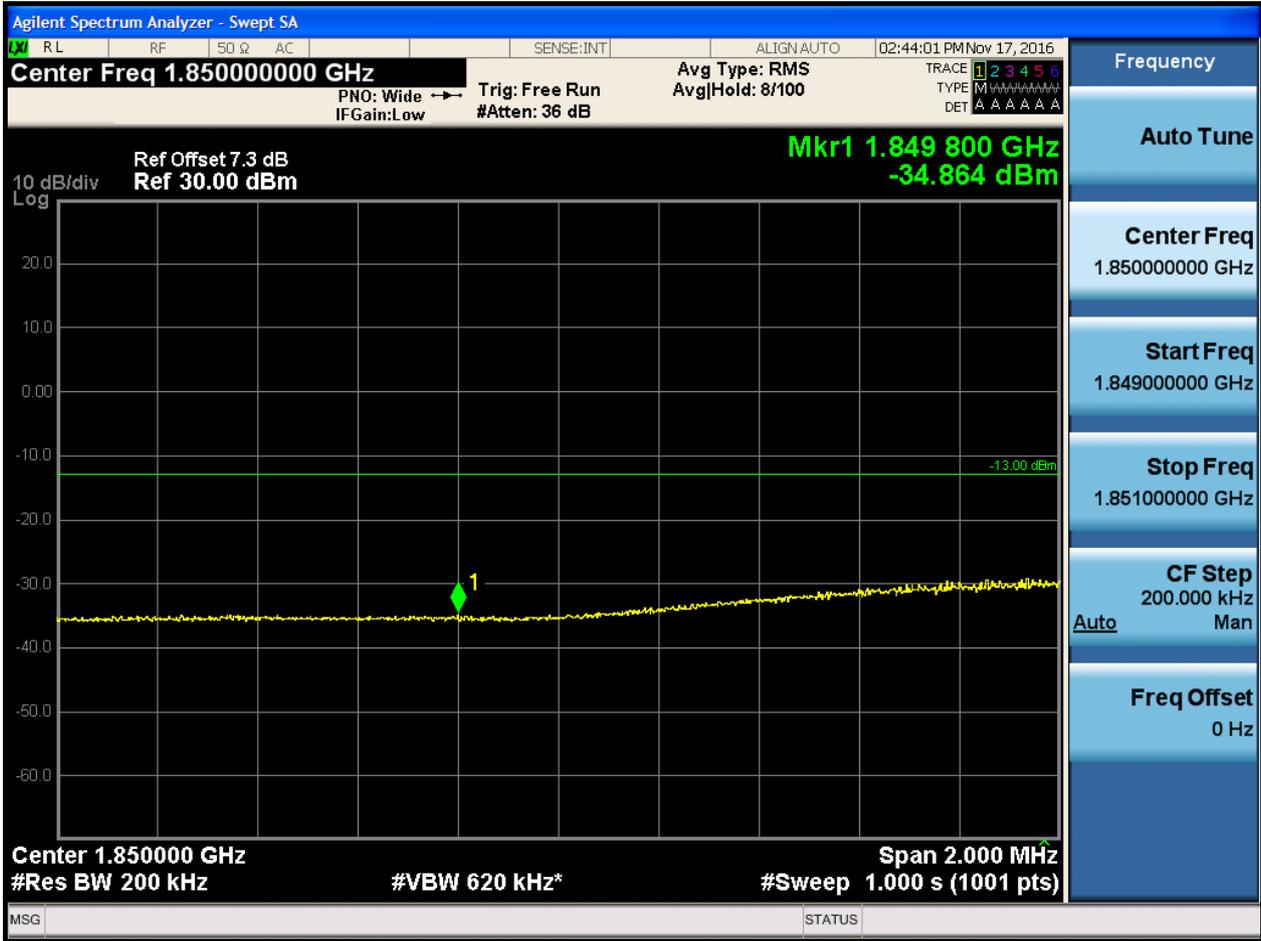


5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





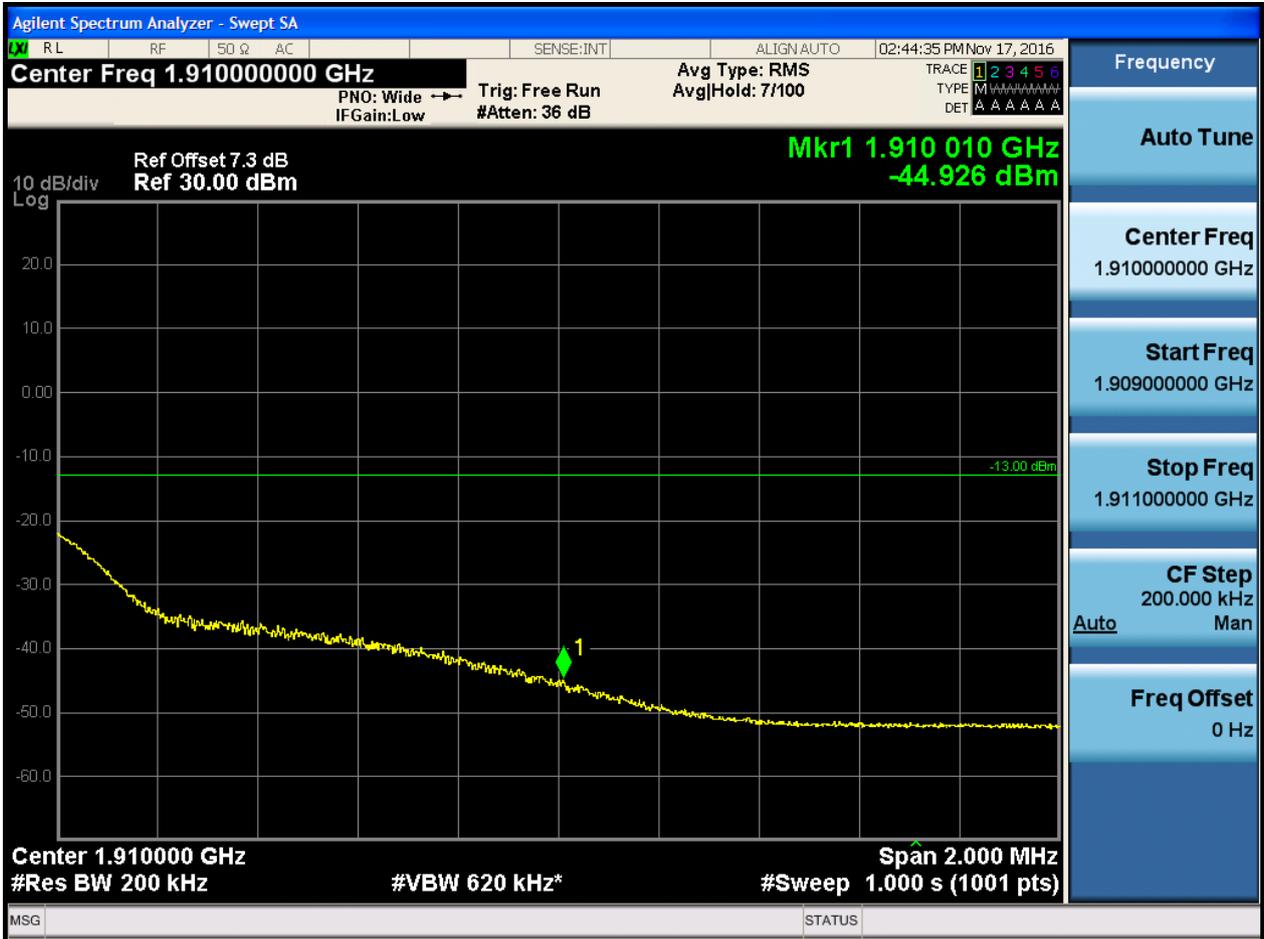
5.1.1.1.6.1.4 Test RB = RB100#0





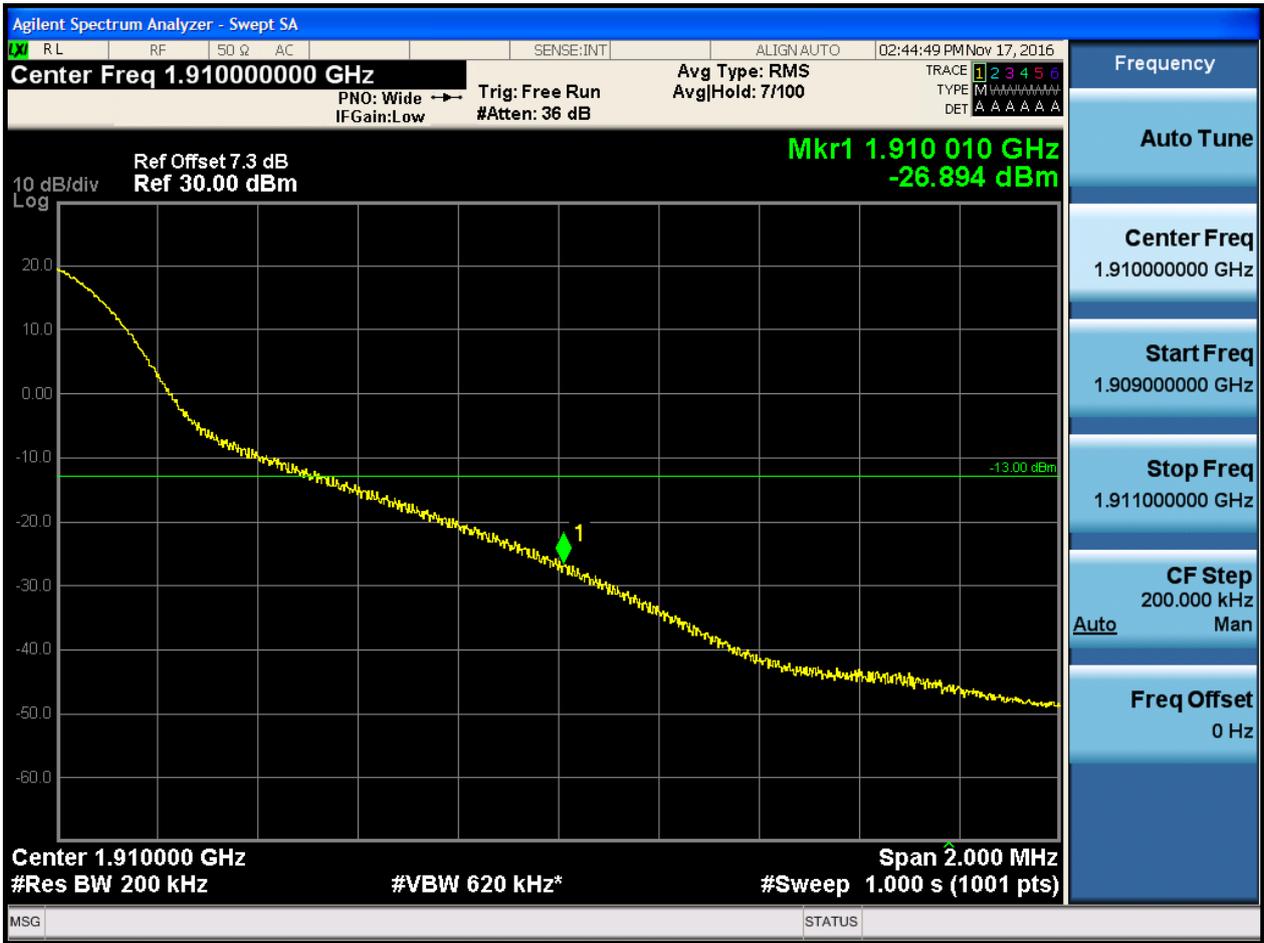
5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0





5.1.1.1.6.2.2 Test RB = RB1#99



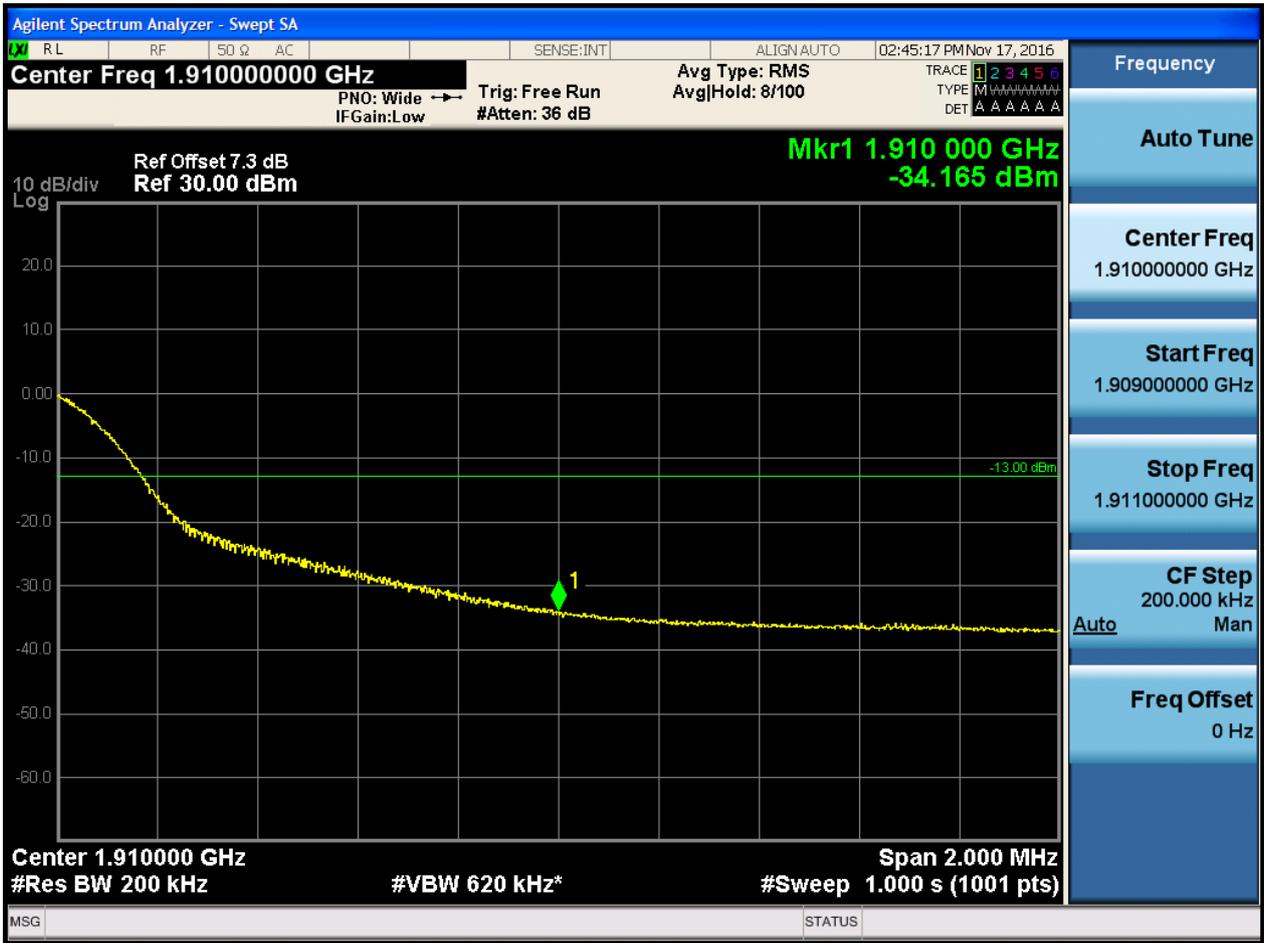


5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0





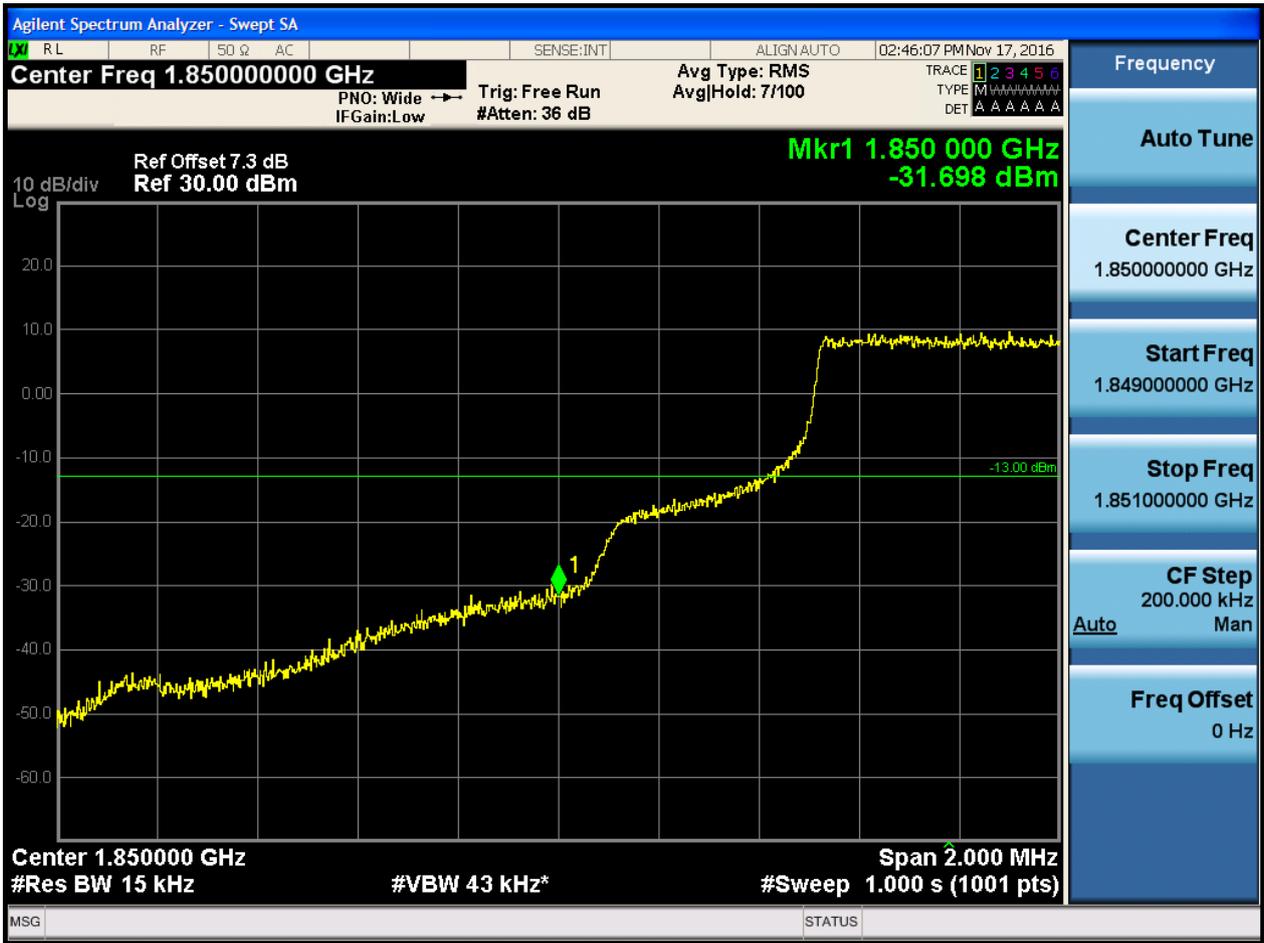


5.1.1.2.1.1.2 Test RB = RB1#5



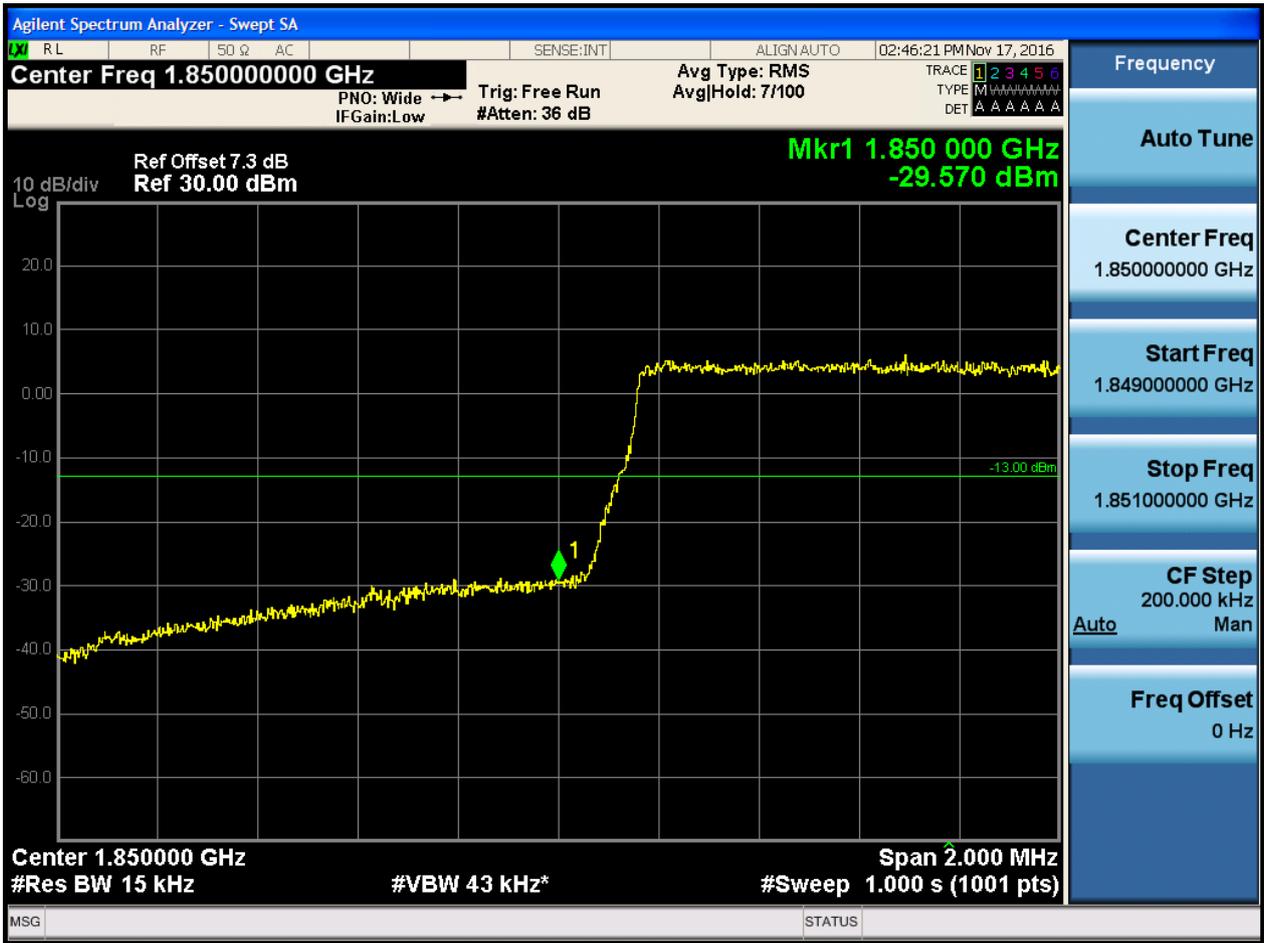


5.1.1.2.1.1.3 Test RB = RB3#2





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



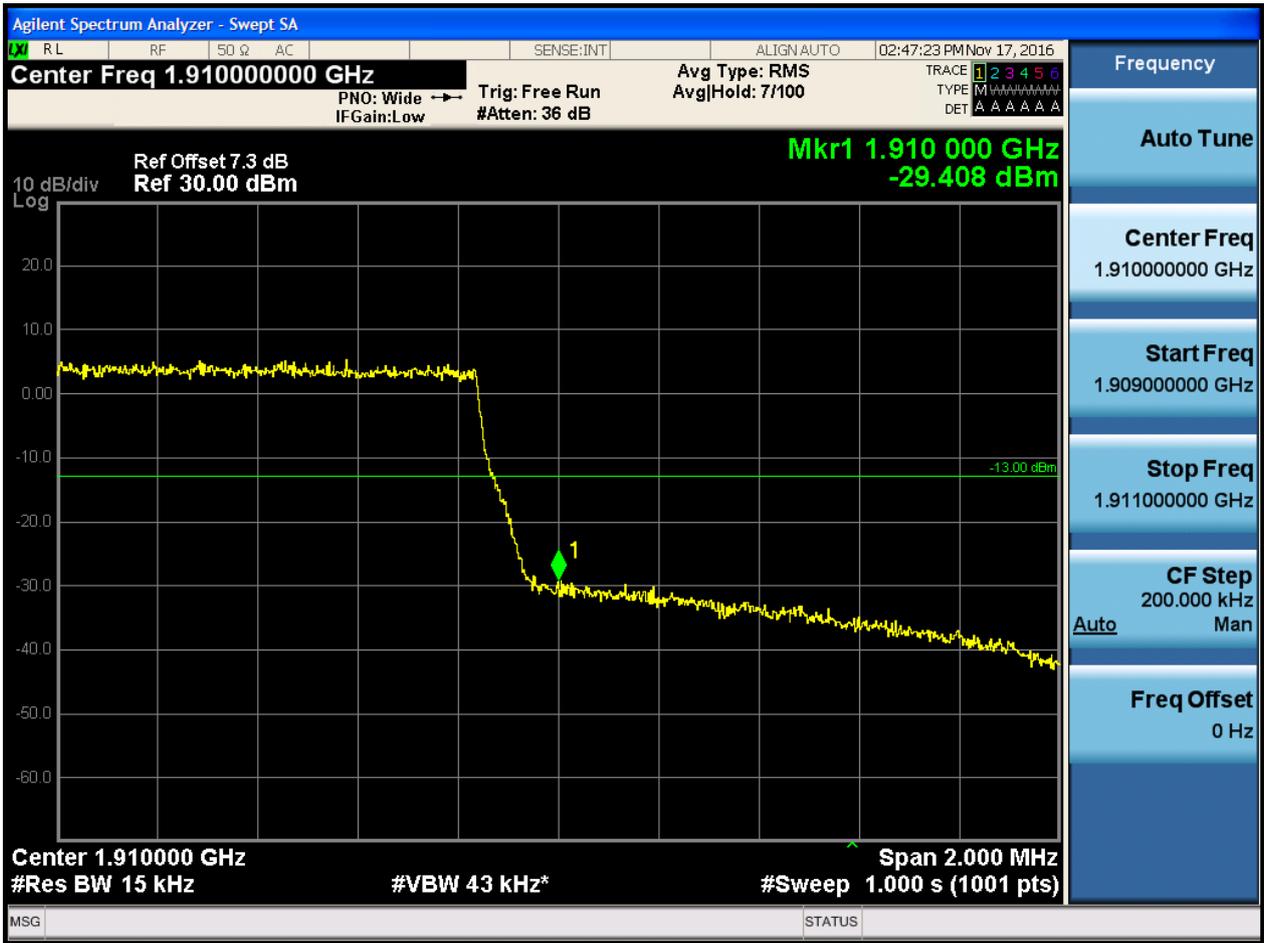


5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

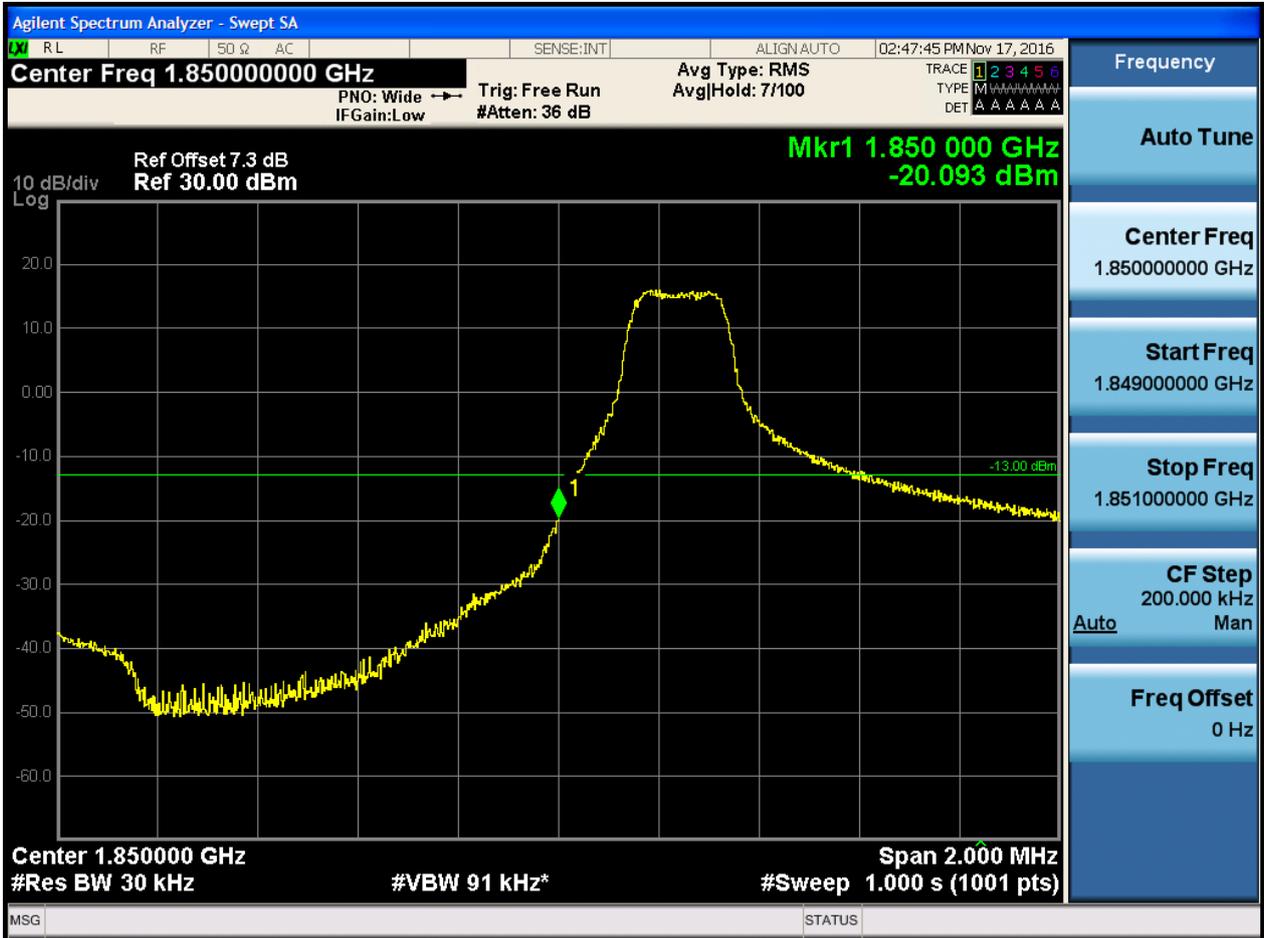




5.1.1.2.2 Test Bandwidth = 3

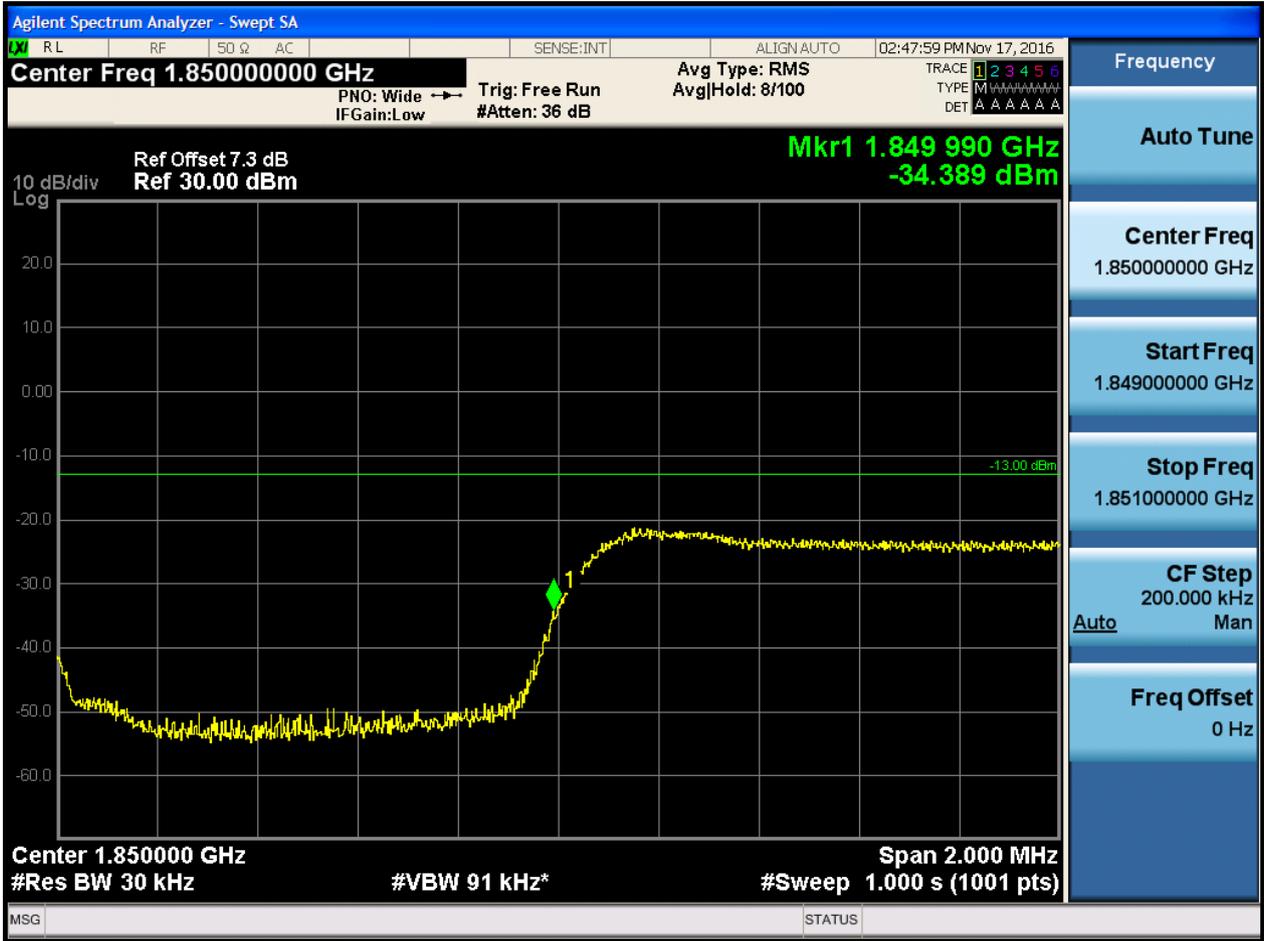
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14



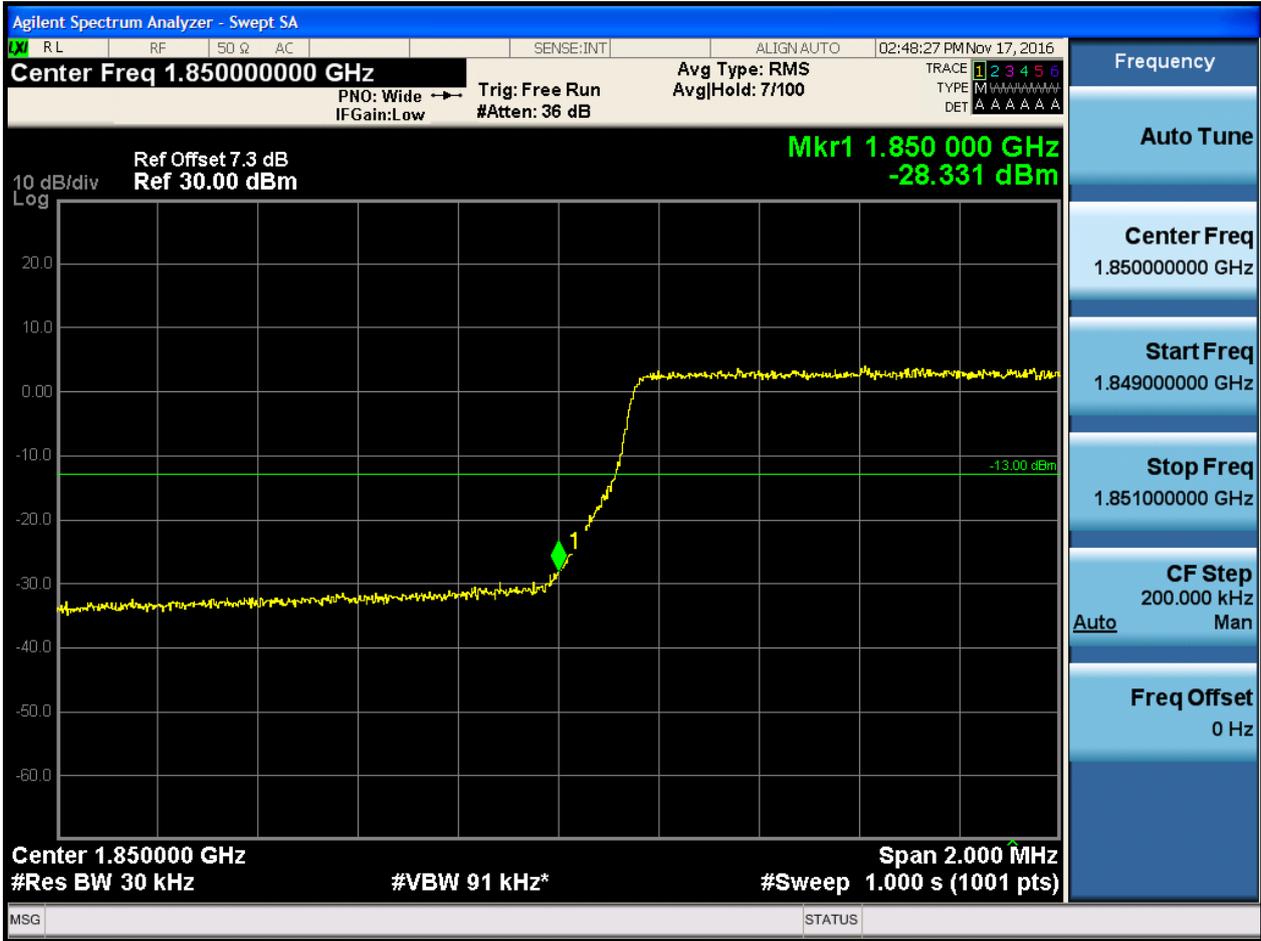


5.1.1.2.2.1.3 Test RB = RB8#4





5.1.1.2.2.1.4 Test RB = RB15#0





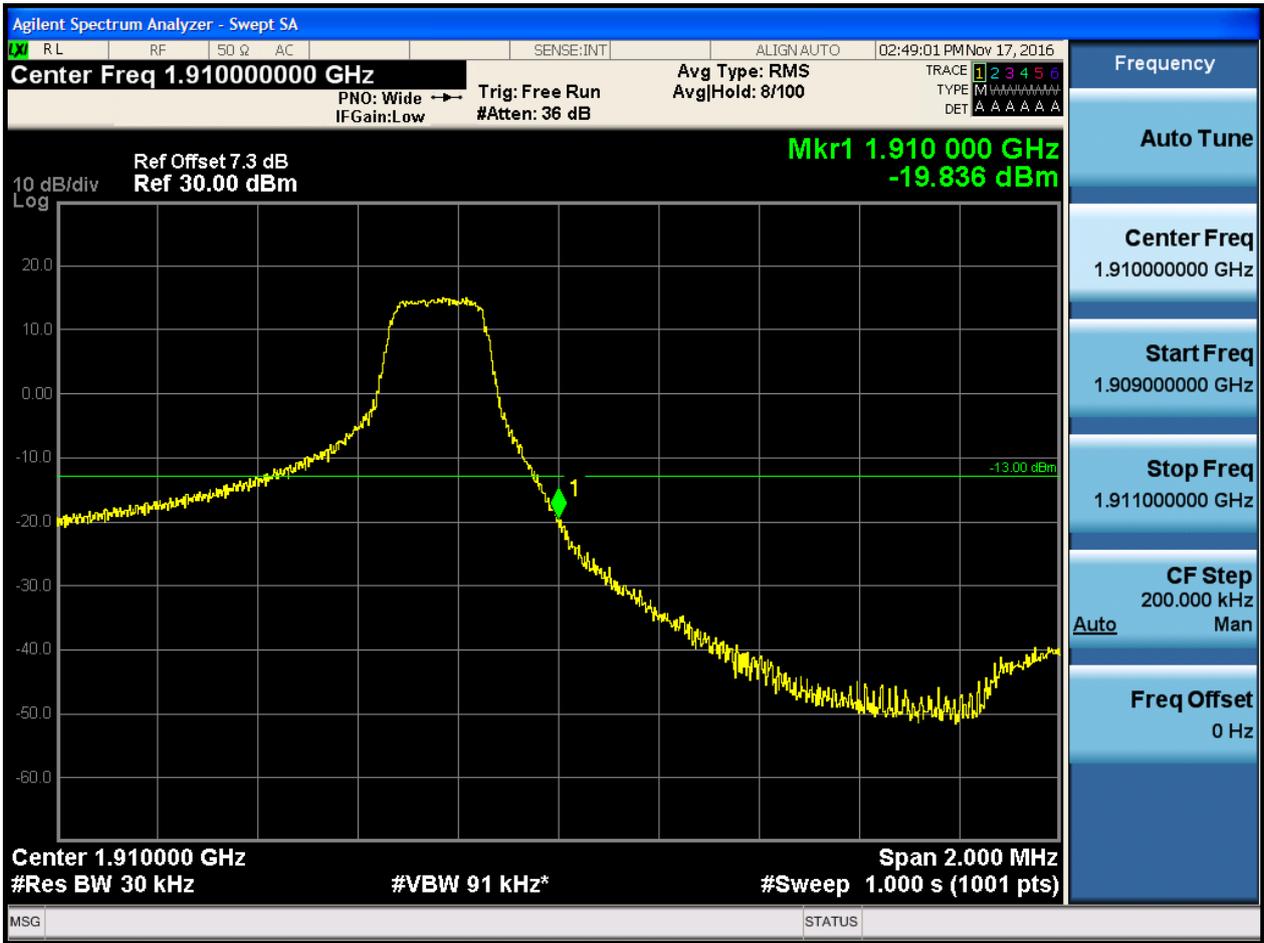
5.1.1.2.2.2 Test Channel = HCH

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

