



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	22.59	20.09	33	PASS
				RB1#3	22.64	20.14	33	PASS
				RB1#5	22.5	20	33	PASS
				RB3#0	22.6	20.1	33	PASS
				RB3#2	22.68	20.18	33	PASS
				RB3#3	22.62	20.12	33	PASS
				RB6#0	21.53	19.03	33	PASS
			MCH	RB1#0	22.82	20.32	33	PASS
				RB1#3	22.84	20.34	33	PASS
				RB1#5	22.75	20.25	33	PASS
				RB3#0	22.87	20.37	33	PASS
				RB3#2	22.82	20.32	33	PASS
				RB3#3	22.81	20.31	33	PASS
				RB6#0	21.83	19.33	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.95	20.45	33	PASS
				RB1#3	23.04	20.54	33	PASS
				RB1#5	22.93	20.43	33	PASS
				RB3#0	23	20.5	33	PASS
				RB3#2	23.03	20.53	33	PASS
				RB3#3	22.99	20.49	33	PASS
				RB6#0	21.95	19.45	33	PASS
		3	LCH	RB1#0	22.61	20.11	33	PASS
				RB1#7	22.79	20.29	33	PASS
				RB1#14	22.56	20.06	33	PASS
				RB8#0	21.55	19.05	33	PASS
				RB8#4	21.54	19.04	33	PASS
				RB8#7	21.52	19.02	33	PASS
				RB15#0	21.57	19.07	33	PASS
		MCH	RB1#0	22.77	20.27	33	PASS	
			RB1#7	22.91	20.41	33	PASS	
			RB1#14	22.64	20.14	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.84	19.34	33	PASS
				RB8#4	21.82	19.32	33	PASS
				RB8#7	21.75	19.25	33	PASS
				RB15#0	21.81	19.31	33	PASS
			HCH	RB1#0	22.85	20.35	33	PASS
				RB1#7	23	20.5	33	PASS
				RB1#14	22.77	20.27	33	PASS
				RB8#0	21.87	19.37	33	PASS
			RB8#4	21.88	19.38	33	PASS	
			RB8#7	21.87	19.37	33	PASS	
			RB15#0	21.92	19.42	33	PASS	
			5	LCH	RB1#0	22.54	20.04	33
		RB1#13			22.8	20.3	33	PASS
		RB1#24			22.53	20.03	33	PASS
		RB12#0			21.61	19.11	33	PASS
		RB12#6			21.67	19.17	33	PASS
		RB12#13			21.6	19.1	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.62	19.12	33	PASS
			MCH	RB1#0	22.76	20.26	33	PASS
				RB1#13	22.95	20.45	33	PASS
				RB1#24	22.53	20.03	33	PASS
				RB12#0	21.91	19.41	33	PASS
				RB12#6	21.95	19.45	33	PASS
				RB12#13	21.77	19.27	33	PASS
				RB25#0	21.84	19.34	33	PASS
				HCH	RB1#0	22.64	20.14	33
			RB1#13		23.02	20.52	33	PASS
			RB1#24		22.72	20.22	33	PASS
			RB12#0		21.98	19.48	33	PASS
			RB12#6		22.03	19.53	33	PASS
			RB12#13		21.84	19.34	33	PASS
			RB25#0		21.99	19.49	33	PASS
		10	LCH	RB1#0	23.25	20.75	33	PASS
				RB1#25	22.97	20.47	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.78	20.28	33	PASS
				RB25#0	21.61	19.11	33	PASS
				RB25#13	21.79	19.29	33	PASS
				RB25#25	21.74	19.24	33	PASS
				RB50#0	21.69	19.19	33	PASS
			MCH	RB1#0	23.63	21.13	33	PASS
			MCH	RB1#25	23.08	20.58	33	PASS
			MCH	RB1#49	22.91	20.41	33	PASS
			MCH	RB25#0	22.01	19.51	33	PASS
			MCH	RB25#13	22	19.5	33	PASS
			MCH	RB25#25	22.01	19.51	33	PASS
			MCH	RB50#0	22.13	19.63	33	PASS
			HCH	RB1#0	23.64	21.14	33	PASS
			HCH	RB1#25	23.14	20.64	33	PASS
			HCH	RB1#49	22.9	20.4	33	PASS
			HCH	RB25#0	21.93	19.43	33	PASS
			HCH	RB25#13	22.09	19.59	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.08	19.58	33	PASS
				RB50#0	22.17	19.67	33	PASS
		15	LCH	RB1#0	22.34	19.84	33	PASS
				RB1#38	23.07	20.57	33	PASS
				RB1#74	22.45	19.95	33	PASS
				RB38#0	21.63	19.13	33	PASS
				RB38#19	21.92	19.42	33	PASS
				RB38#39	21.81	19.31	33	PASS
				RB75#0	21.76	19.26	33	PASS
		15	MCH	RB1#0	22.49	19.99	33	PASS
				RB1#38	22.98	20.48	33	PASS
				RB1#74	22.52	20.02	33	PASS
				RB38#0	21.98	19.48	33	PASS
				RB38#19	22.15	19.65	33	PASS
				RB38#39	21.94	19.44	33	PASS
15	HCH	RB1#0	22.9	20.4	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.05	20.55	33	PASS
				RB1#74	22.63	20.13	33	PASS
				RB38#0	22.06	19.56	33	PASS
				RB38#19	22.01	19.51	33	PASS
				RB38#39	21.92	19.42	33	PASS
				RB75#0	22.16	19.66	33	PASS
		20	LCH	RB1#0	21.37	18.87	33	PASS
				RB1#50	22.1	19.6	33	PASS
				RB1#99	21.23	18.73	33	PASS
				RB50#0	21.62	19.12	33	PASS
				RB50#25	21.84	19.34	33	PASS
				RB50#50	21.68	19.18	33	PASS
				RB100#0	21.78	19.28	33	PASS
				MCH	RB1#0	21.29	18.79	33
RB1#50	21.86	19.36	33		PASS			
RB1#99	21.48	18.98	33		PASS			
RB50#0	21.85	19.35	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.1	19.6	33	PASS
				RB50#50	21.86	19.36	33	PASS
				RB100#0	21.74	19.24	33	PASS
			HCH	RB1#0	21.73	19.23	33	PASS
				RB1#50	22.13	19.63	33	PASS
				RB1#99	21.51	19.01	33	PASS
				RB50#0	22.05	19.55	33	PASS
				RB50#25	22.07	19.57	33	PASS
				RB50#50	22.03	19.53	33	PASS
				RB100#0	22.1	19.6	33	PASS
			LCH	RB1#0	21.69	19.19	33	PASS
				RB1#3	21.73	19.23	33	PASS
				RB1#5	21.61	19.11	33	PASS
				RB3#0	21.59	19.09	33	PASS
RB3#2	21.57	19.07		33	PASS			
RB3#3	21.55	19.05		33	PASS			
RB6#0	20.55	18.05		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.85	19.35	33	PASS
				RB1#3	21.89	19.39	33	PASS
				RB1#5	21.94	19.44	33	PASS
				RB3#0	21.99	19.49	33	PASS
				RB3#2	21.95	19.45	33	PASS
				RB3#3	22.09	19.59	33	PASS
				RB6#0	20.96	18.46	33	PASS
			HCH	RB1#0	21.96	19.46	33	PASS
				RB1#3	22.07	19.57	33	PASS
				RB1#5	21.96	19.46	33	PASS
				RB3#0	21.97	19.47	33	PASS
				RB3#2	21.95	19.45	33	PASS
				RB3#3	21.9	19.4	33	PASS
				RB6#0	20.94	18.44	33	PASS
		3	LCH	RB1#0	21.55	19.05	33	PASS
RB1#7	21.69			19.19	33	PASS		
RB1#14	21.5			19	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.56	18.06	33	PASS
				RB8#4	20.55	18.05	33	PASS
				RB8#7	20.49	17.99	33	PASS
				RB15#0	20.49	17.99	33	PASS
			MCH	RB1#0	21.86	19.36	33	PASS
				RB1#7	21.95	19.45	33	PASS
				RB1#14	21.8	19.3	33	PASS
				RB8#0	20.9	18.4	33	PASS
				RB8#4	20.9	18.4	33	PASS
				RB8#7	20.82	18.32	33	PASS
				RB15#0	20.89	18.39	33	PASS
			HCH	RB1#0	22.03	19.53	33	PASS
				RB1#7	22.07	19.57	33	PASS
				RB1#14	21.87	19.37	33	PASS
				RB8#0	20.91	18.41	33	PASS
				RB8#4	20.92	18.42	33	PASS
				RB8#7	20.87	18.37	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.85	18.35	33	PASS
		5	LCH	RB1#0	21.8	19.3	33	PASS
				RB1#13	21.85	19.35	33	PASS
				RB1#24	21.68	19.18	33	PASS
				RB12#0	20.64	18.14	33	PASS
				RB12#6	20.7	18.2	33	PASS
				RB12#13	20.57	18.07	33	PASS
				RB25#0	20.63	18.13	33	PASS
			MCH	RB1#0	22.13	19.63	33	PASS
				RB1#13	22.27	19.77	33	PASS
				RB1#24	21.92	19.42	33	PASS
				RB12#0	21.09	18.59	33	PASS
				RB12#6	21.13	18.63	33	PASS
				RB12#13	20.95	18.45	33	PASS
			HCH	RB25#0	21.01	18.51	33	PASS
				RB1#0	22.13	19.63	33	PASS
					RB1#13	22.31	19.81	33



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	22.06	19.56	33	PASS	
				RB12#0	21.12	18.62	33	PASS	
				RB12#6	21.16	18.66	33	PASS	
				RB12#13	20.98	18.48	33	PASS	
				RB25#0	21.04	18.54	33	PASS	
		10	LCH	RB1#0	22.36	19.86	33	PASS	
				RB1#25	21.93	19.43	33	PASS	
				RB1#49	21.74	19.24	33	PASS	
				RB25#0	20.66	18.16	33	PASS	
				RB25#13	20.83	18.33	33	PASS	
				RB25#25	20.77	18.27	33	PASS	
				RB50#0	20.63	18.13	33	PASS	
				MCH	RB1#0	22.63	20.13	33	PASS
					RB1#25	22.17	19.67	33	PASS
					RB1#49	21.95	19.45	33	PASS
		RB25#0	21.15		18.65	33	PASS		
		RB25#13	21.14		18.64	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.06	18.56	33	PASS
				RB50#0	21.15	18.65	33	PASS
			HCH	RB1#0	22.75	20.25	33	PASS
				RB1#25	22.25	19.75	33	PASS
				RB1#49	21.97	19.47	33	PASS
				RB25#0	20.99	18.49	33	PASS
				RB25#13	21.05	18.55	33	PASS
				RB25#25	21.05	18.55	33	PASS
				RB50#0	21.12	18.62	33	PASS
				15	LCH	RB1#0	21.4	18.9
		RB1#38	22.13			19.63	33	PASS
		RB1#74	21.72			19.22	33	PASS
		RB38#0	20.7			18.2	33	PASS
		RB38#19	20.93			18.43	33	PASS
		RB38#39	20.82			18.32	33	PASS
		RB75#0	20.76			18.26	33	PASS
		MCH	RB1#0	21.54	19.04	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	22.15	19.65	33	PASS	
				RB1#74	21.51	19.01	33	PASS	
				RB38#0	20.96	18.46	33	PASS	
				RB38#19	21.06	18.56	33	PASS	
				RB38#39	20.85	18.35	33	PASS	
				RB75#0	20.77	18.27	33	PASS	
			HCH	RB1#0	21.99	19.49	33	PASS	
				RB1#38	22.06	19.56	33	PASS	
				RB1#74	21.68	19.18	33	PASS	
				RB38#0	21.08	18.58	33	PASS	
				RB38#19	21.01	18.51	33	PASS	
				RB38#39	20.8	18.3	33	PASS	
			20	LCH	RB1#0	21.68	19.18	33	PASS
					RB1#50	22.39	19.89	33	PASS
RB1#99	21.54	19.04			33	PASS			
RB50#0	20.62	18.12			33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.77	18.27	33	PASS
				RB50#50	20.67	18.17	33	PASS
				RB100#0	20.72	18.22	33	PASS
			MCH	RB1#0	21.4	18.9	33	PASS
				RB1#50	21.98	19.48	33	PASS
				RB1#99	21.63	19.13	33	PASS
				RB50#0	20.83	18.33	33	PASS
				RB50#25	21.01	18.51	33	PASS
				RB50#50	20.77	18.27	33	PASS
				RB100#0	20.73	18.23	33	PASS
			HCH	RB1#0	21.93	19.43	33	PASS
				RB1#50	22.26	19.76	33	PASS
				RB1#99	21.69	19.19	33	PASS
				RB50#0	21.07	18.57	33	PASS
				RB50#25	21.07	18.57	33	PASS
				RB50#50	20.96	18.46	33	PASS
				RB100#0	21	18.5	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:

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

SET RBW = 1% 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	4.21	13	PASS
				RB1#3	4.31	13	PASS
				RB1#5	4.25	13	PASS
				RB3#0	4.38	13	PASS
				RB3#2	4.38	13	PASS
				RB3#3	4.43	13	PASS
			RB6#0	5.39	13	PASS	
			MCH	RB1#0	3.96	13	PASS
				RB1#3	3.99	13	PASS
				RB1#5	3.99	13	PASS
				RB3#0	4.3	13	PASS
				RB3#2	4.23	13	PASS
				RB3#3	4.35	13	PASS
			HCH	RB6#0	5.33	13	PASS
				RB1#0	3.81	13	PASS
				RB1#3	3.74	13	PASS
				RB1#5	3.69	13	PASS
				RB3#0	3.98	13	PASS
		RB3#2		3.74	13	PASS	
		3	LCH	RB3#3	3.93	13	PASS
				RB6#0	5.09	13	PASS
				RB1#0	4.14	13	PASS
				RB1#7	4.01	13	PASS
				RB1#14	4.3	13	PASS
				RB8#0	5.07	13	PASS
			MCH	RB8#4	5.06	13	PASS
				RB8#7	5.08	13	PASS
RB15#0	5.46			13	PASS		
			MCH	RB1#0	4.09	13	PASS
			MCH	RB1#7	3.83	13	PASS
			MCH	RB1#14	4.17	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	4.96	13	PASS	
				RB8#4	5.06	13	PASS	
				RB8#7	5.11	13	PASS	
				RB15#0	5.4	13	PASS	
			HCH	RB1#0	3.86	13	PASS	
				RB1#7	3.55	13	PASS	
				RB1#14	3.66	13	PASS	
				RB8#0	5.07	13	PASS	
				RB8#4	4.96	13	PASS	
				RB8#7	5.01	13	PASS	
				RB15#0	5.36	13	PASS	
				LCH	RB1#0	4.4	13	PASS
					RB1#13	4.56	13	PASS
					RB1#24	4.68	13	PASS
		RB12#0			5.27	13	PASS	
		RB12#6			5.22	13	PASS	
		RB12#13	5.35		13	PASS		
		RB25#0	5.54		13	PASS		
		MCH	RB1#0	4.05	13	PASS		
			RB1#13	4.04	13	PASS		
			RB1#24	4.21	13	PASS		
			RB12#0	5.03	13	PASS		
			RB12#6	5.11	13	PASS		
			RB12#13	5.19	13	PASS		
		HCH	RB25#0	5.65	13	PASS		
			RB1#0	4.18	13	PASS		
			RB1#13	3.95	13	PASS		
			RB1#24	3.91	13	PASS		
			RB12#0	4.99	13	PASS		
			RB12#6	4.79	13	PASS		
		LCH	RB12#13	5.09	13	PASS		
			RB25#0	5.38	13	PASS		
RB1#0	3.97		13	PASS				
RB1#25	4.36		13	PASS				
RB1#49	4.48		13	PASS				
RB25#0	5.35		13	PASS				
RB25#13	5.42		13	PASS				
RB25#25	5.54	13	PASS					
RB50#0	5.9	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		15	MCH	RB1#0	3.72	13	PASS
				RB1#25	4.06	13	PASS
				RB1#49	4.3	13	PASS
				RB25#0	5.15	13	PASS
				RB25#13	5.21	13	PASS
				RB25#25	5.35	13	PASS
				RB50#0	5.59	13	PASS
			HCH	RB1#0	3.53	13	PASS
				RB1#25	3.91	13	PASS
				RB1#49	3.89	13	PASS
				RB25#0	5.11	13	PASS
				RB25#13	5.03	13	PASS
				RB25#25	5.09	13	PASS
				RB50#0	5.42	13	PASS
		20	LCH	RB1#0	4.23	13	PASS
				RB1#38	4.24	13	PASS
				RB1#74	4.25	13	PASS
				RB38#0	5.66	13	PASS
				RB38#19	5.56	13	PASS
				RB38#39	5.78	13	PASS
				RB75#0	6.04	13	PASS
			MCH	RB1#0	4.5	13	PASS
				RB1#38	4.28	13	PASS
				RB1#74	4.78	13	PASS
				RB38#0	5.14	13	PASS
				RB38#19	5.17	13	PASS
				RB38#39	5.37	13	PASS
				RB75#0	5.86	13	PASS
		HCH	RB1#0	4.24	13	PASS	
			RB1#38	4.01	13	PASS	
			RB1#74	4.2	13	PASS	
			RB38#0	5.17	13	PASS	
RB38#19	5.15		13	PASS			
RB38#39	5.38		13	PASS			
RB75#0	5.79		13	PASS			
LCH	RB1#0	5.08	13	PASS			
	RB1#50	4.88	13	PASS			
	RB1#99	4.97	13	PASS			
	RB50#0	5.68	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB50#25	5.65	13	PASS			
				RB50#50	5.59	13	PASS			
				RB100#0	5.93	13	PASS			
			MCH	RB1#0	5.44	13	PASS			
				RB1#50	5.16	13	PASS			
				RB1#99	5.66	13	PASS			
				RB50#0	5.36	13	PASS			
				RB50#25	5.25	13	PASS			
				RB50#50	5.57	13	PASS			
				RB100#0	5.85	13	PASS			
				HCH	RB1#0	5.03	13	PASS		
					RB1#50	4.56	13	PASS		
			RB1#99		4.93	13	PASS			
			RB50#0		5.23	13	PASS			
			RB50#25		5.09	13	PASS			
			RB50#50		5.26	13	PASS			
						LCH	RB1#0	4.8	13	PASS
							RB1#3	4.99	13	PASS
	RB1#5	4.74					13	PASS		
	RB3#0	5.32					13	PASS		
	RB3#2	5.21					13	PASS		
	RB3#3	5.33					13	PASS		
	MCH	RB6#0				5.83	13	PASS		
		RB1#0				4.66	13	PASS		
		RB1#3				4.94	13	PASS		
		RB1#5				4.82	13	PASS		
		RB3#0				5.02	13	PASS		
		RB3#2				5.09	13	PASS		
	HCH	RB3#3	5.05	13	PASS					
		RB6#0	6.07	13	PASS					
RB1#0		4.38	13	PASS						
RB1#3		4.44	13	PASS						
RB1#5		4.25	13	PASS						
RB3#0		4.84	13	PASS						
			LCH	RB3#2	4.92	13	PASS			
				RB3#3	4.86	13	PASS			
		3	LCH	RB6#0	5.64	13	PASS			
			LCH	RB1#0	5.02	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#7	4.79	13	PASS	
				RB1#14	5.24	13	PASS	
				RB8#0	5.53	13	PASS	
				RB8#4	5.47	13	PASS	
				RB8#7	5.61	13	PASS	
				RB15#0	5.95	13	PASS	
			MCH	RB1#0	4.97	13	PASS	
				RB1#7	4.91	13	PASS	
				RB1#14	5.21	13	PASS	
				RB8#0	5.82	13	PASS	
				RB8#4	5.9	13	PASS	
				RB8#7	5.85	13	PASS	
			HCH	RB15#0	6.08	13	PASS	
				RB1#0	4.73	13	PASS	
				RB1#7	4.41	13	PASS	
				RB1#14	4.6	13	PASS	
				RB8#0	5.65	13	PASS	
				RB8#4	5.53	13	PASS	
		5	LCH		RB8#7	5.47	13	PASS
					RB15#0	5.93	13	PASS
					RB1#0	5.1	13	PASS
					RB1#13	5.43	13	PASS
					RB1#24	5.35	13	PASS
					RB12#0	5.75	13	PASS
			MCH	RB12#6	5.95	13	PASS	
				RB12#13	5.81	13	PASS	
				RB25#0	6.43	13	PASS	
				RB1#0	4.71	13	PASS	
				RB1#13	4.73	13	PASS	
				RB1#24	4.98	13	PASS	
HCH	RB12#0	5.9	13	PASS				
	RB12#6	5.96	13	PASS				
	RB12#13	6.11	13	PASS				
	RB25#0	6.58	13	PASS				
	RB12#6	5.58	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#13	5.68	13	PASS
				RB25#0	6.16	13	PASS
			LCH	RB1#0	4.72	13	PASS
				RB1#25	5.21	13	PASS
				RB1#49	5.18	13	PASS
				RB25#0	6.13	13	PASS
				RB25#13	6.2	13	PASS
				RB25#25	6.21	13	PASS
				RB50#0	6.5	13	PASS
			MCH	RB1#0	4.58	13	PASS
		RB1#25		4.86	13	PASS	
		RB1#49		5.15	13	PASS	
		RB25#0		6.08	13	PASS	
		RB25#13		6.07	13	PASS	
		RB25#25		6.23	13	PASS	
		HCH	RB1#0	4.53	13	PASS	
			RB1#25	4.86	13	PASS	
			RB1#49	4.89	13	PASS	
			RB25#0	5.9	13	PASS	
			RB25#13	5.86	13	PASS	
			RB25#25	5.87	13	PASS	
		15	LCH	RB1#0	5.3	13	PASS
				RB1#38	5.26	13	PASS
				RB1#74	5.16	13	PASS
				RB38#0	6.07	13	PASS
				RB38#19	6.12	13	PASS
				RB38#39	6.31	13	PASS
				RB75#0	7.03	13	PASS
			MCH	RB1#0	5.28	13	PASS
				RB1#38	5.11	13	PASS
				RB1#74	5.59	13	PASS
				RB38#0	6.03	13	PASS
RB38#19	6.02			13	PASS		
RB38#39	6.17	13		PASS			
HCH	RB1#0	4.95	13	PASS			
	RB1#38	4.71	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#74	5	13	PASS
				RB38#0	6.05	13	PASS
				RB38#19	5.91	13	PASS
				RB38#39	6.15	13	PASS
				RB75#0	6.42	13	PASS
			LCH	RB1#0	5.38	13	PASS
				RB1#50	5.16	13	PASS
				RB1#99	5.27	13	PASS
				RB50#0	6.35	13	PASS
				RB50#25	6.48	13	PASS
		RB50#50		6.45	13	PASS	
		RB100#0		6.77	13	PASS	
		MCH	RB1#0	5.38	13	PASS	
			RB1#50	5.07	13	PASS	
			RB1#99	5.55	13	PASS	
			RB50#0	6.14	13	PASS	
			RB50#25	6.14	13	PASS	
			RB50#50	6.37	13	PASS	
			RB100#0	6.84	13	PASS	
		HCH	RB1#0	5.73	13	PASS	
			RB1#50	5.2	13	PASS	
			RB1#99	5.47	13	PASS	
			RB50#0	6.08	13	PASS	
			RB50#25	6	13	PASS	
			RB50#50	6.01	13	PASS	
			RB100#0	6.59	13	PASS	

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

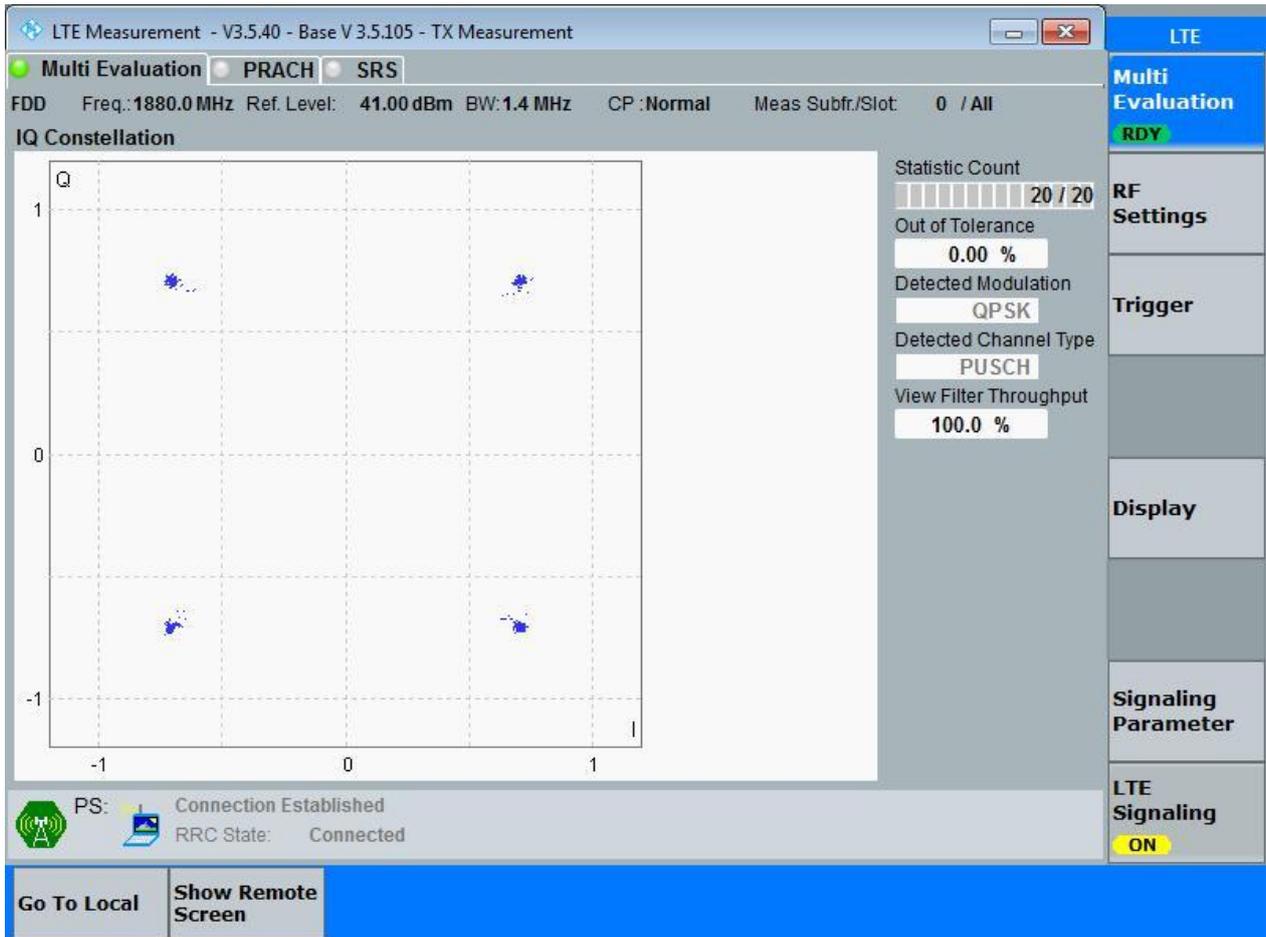
3.1.1 Test Band = BAND2

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

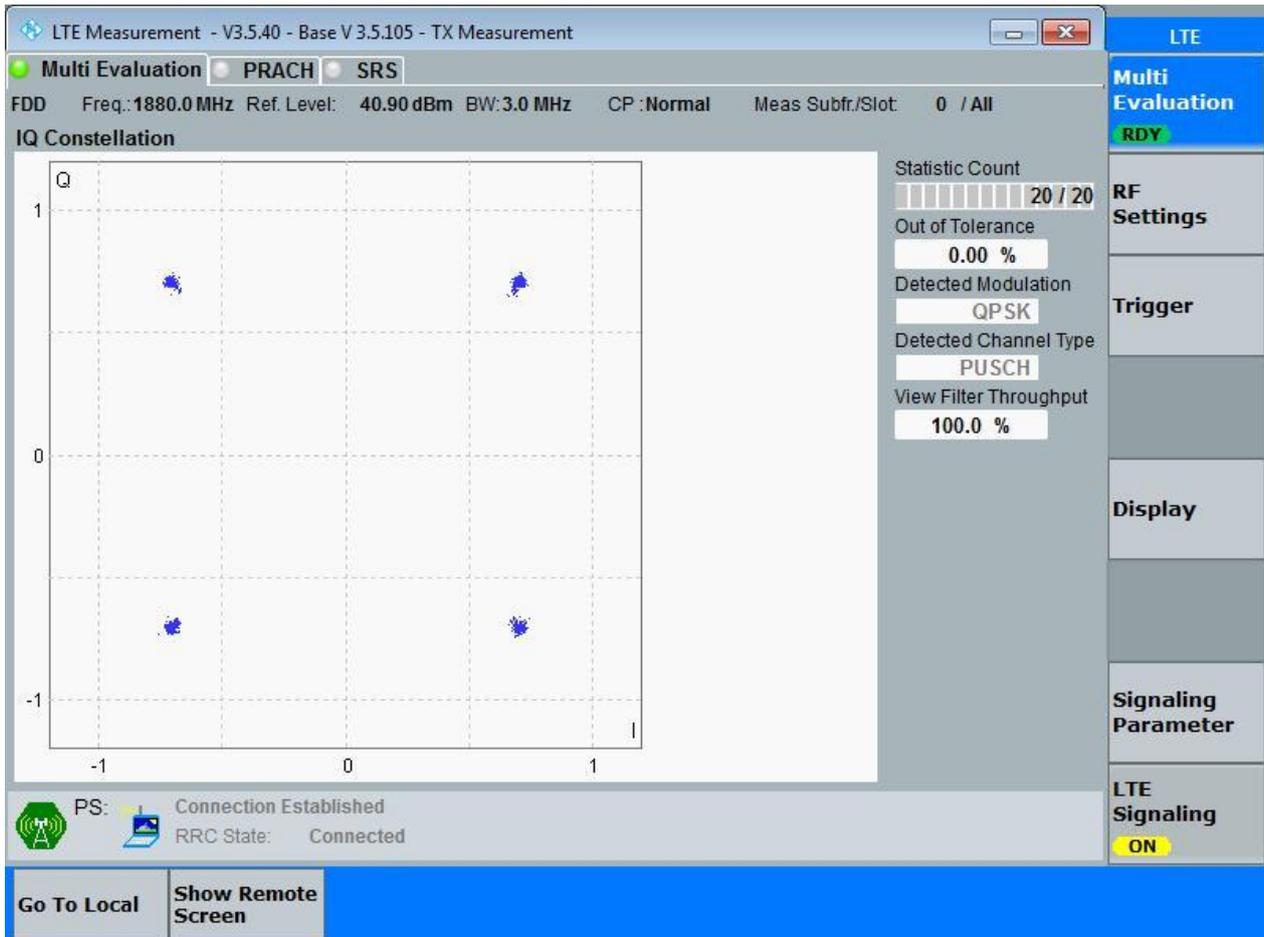
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

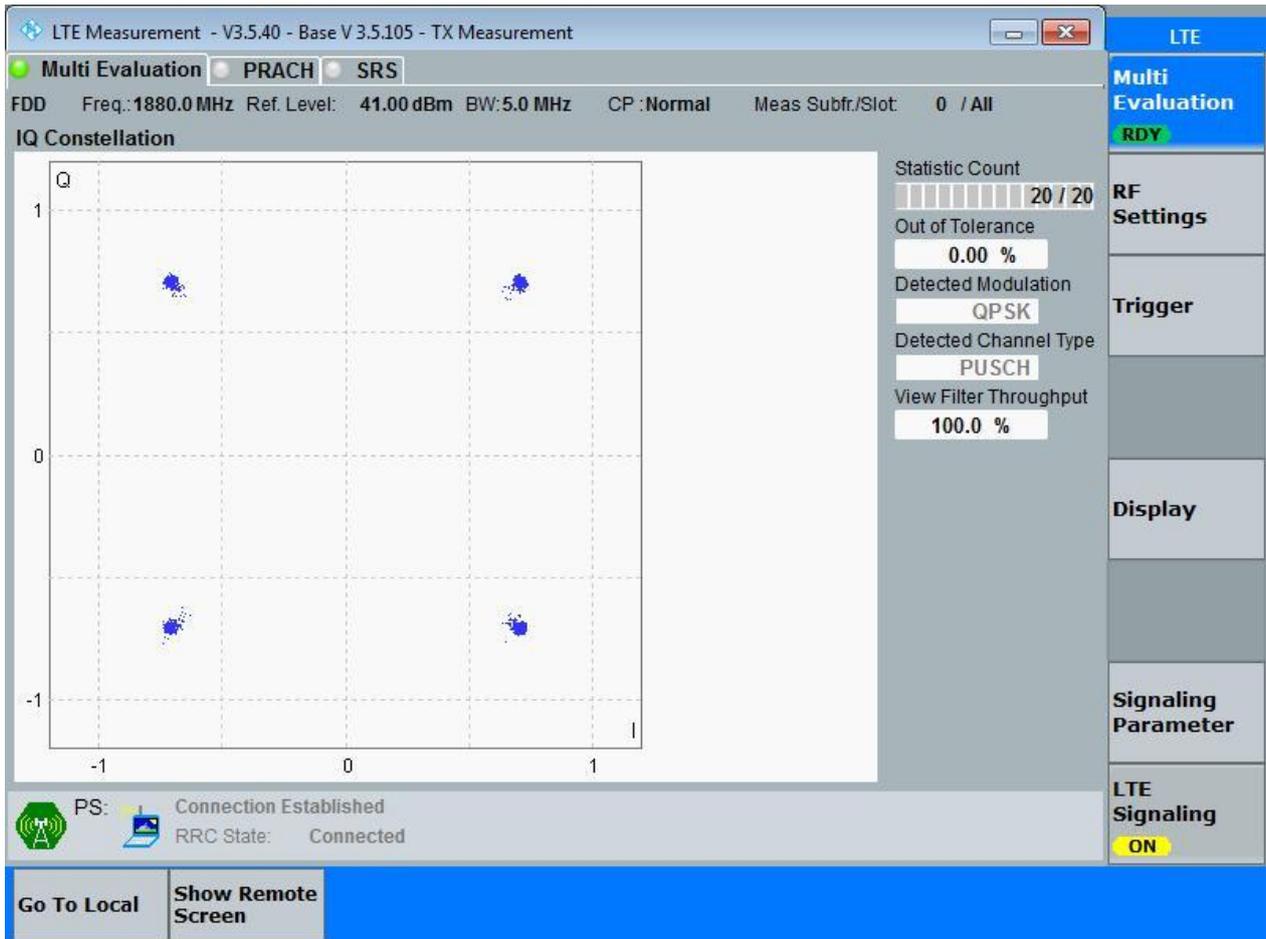
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

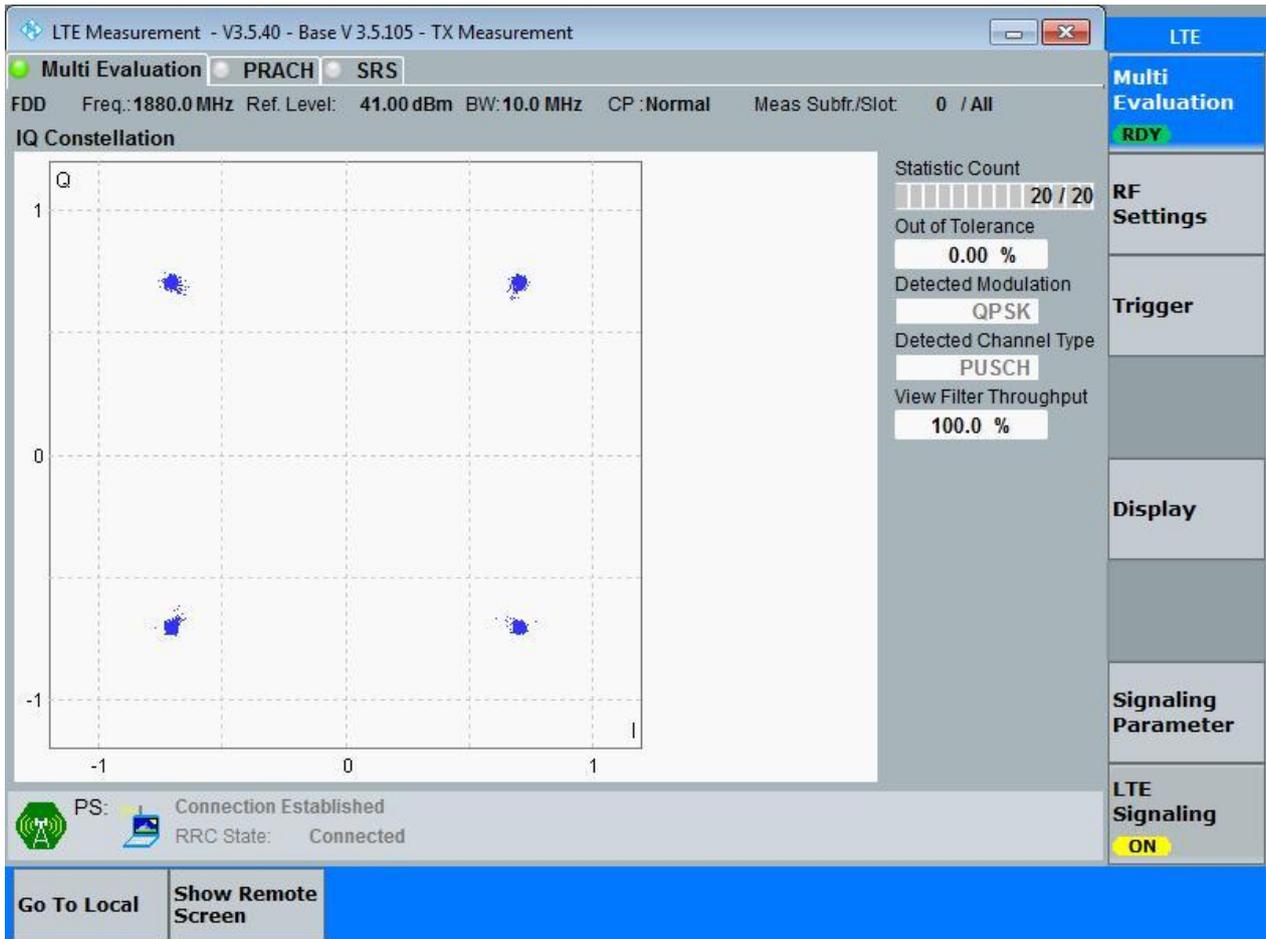
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

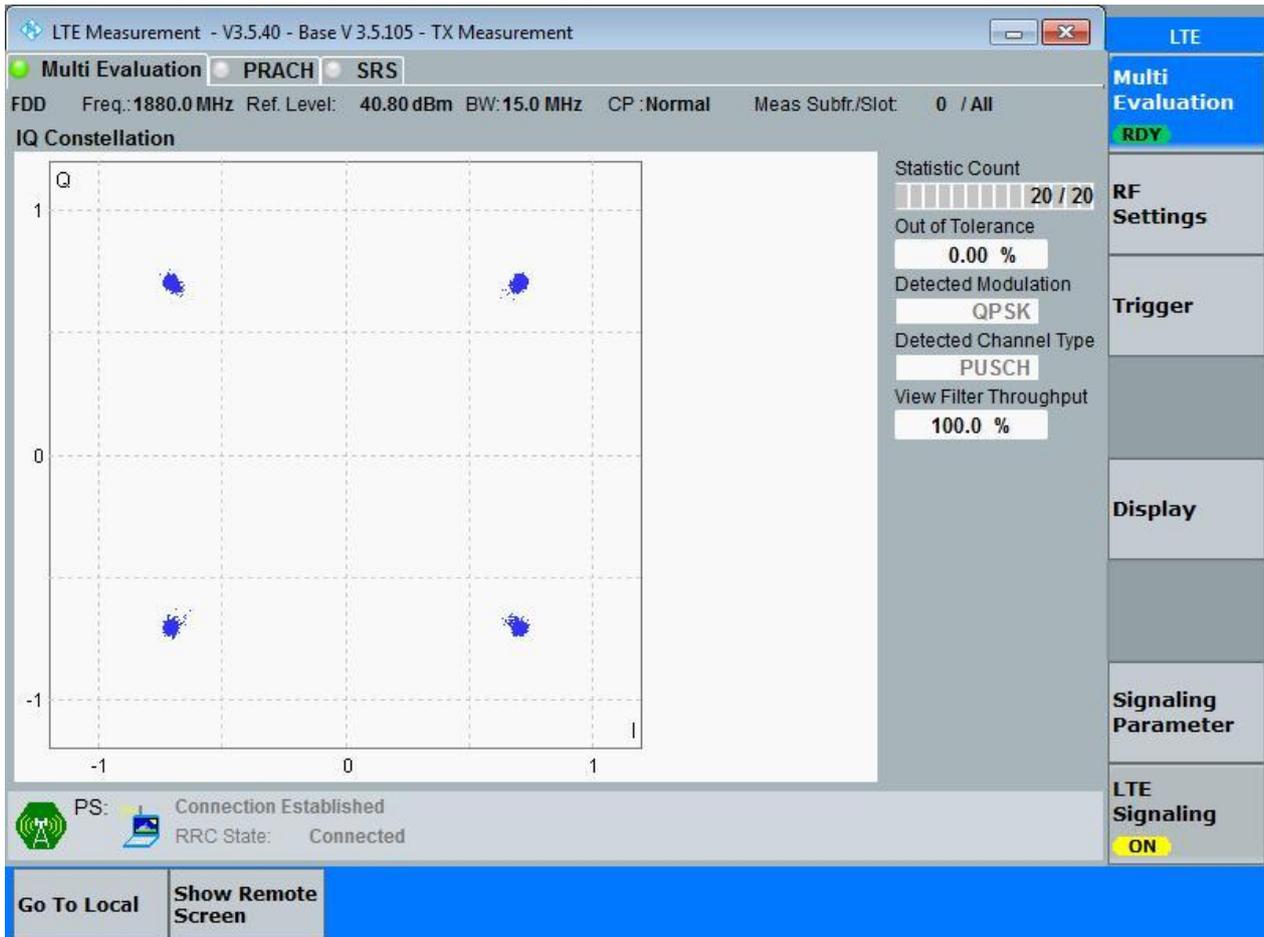
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

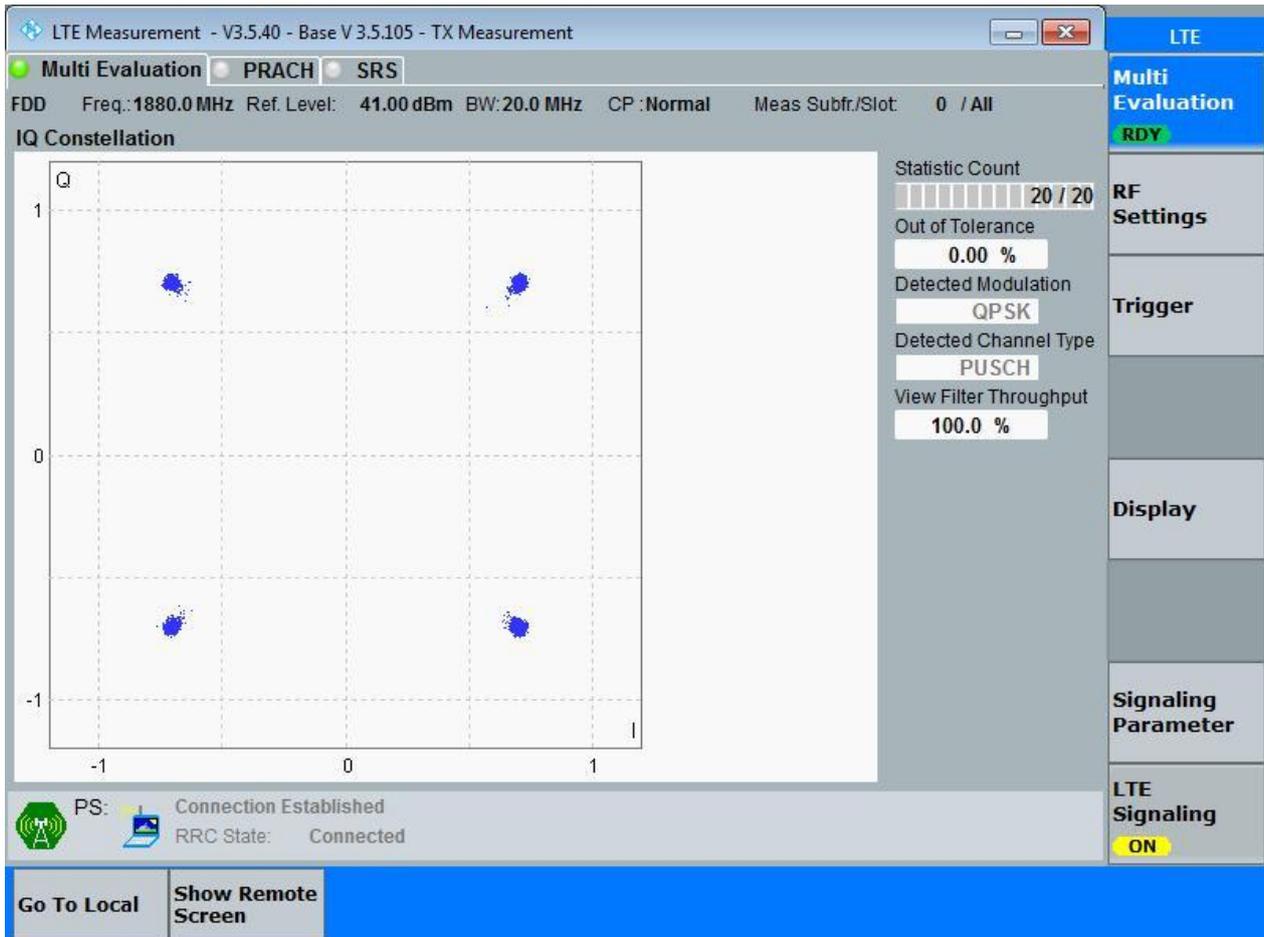
3.1.1.1.5.1.1 Test RB = RB75#0



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

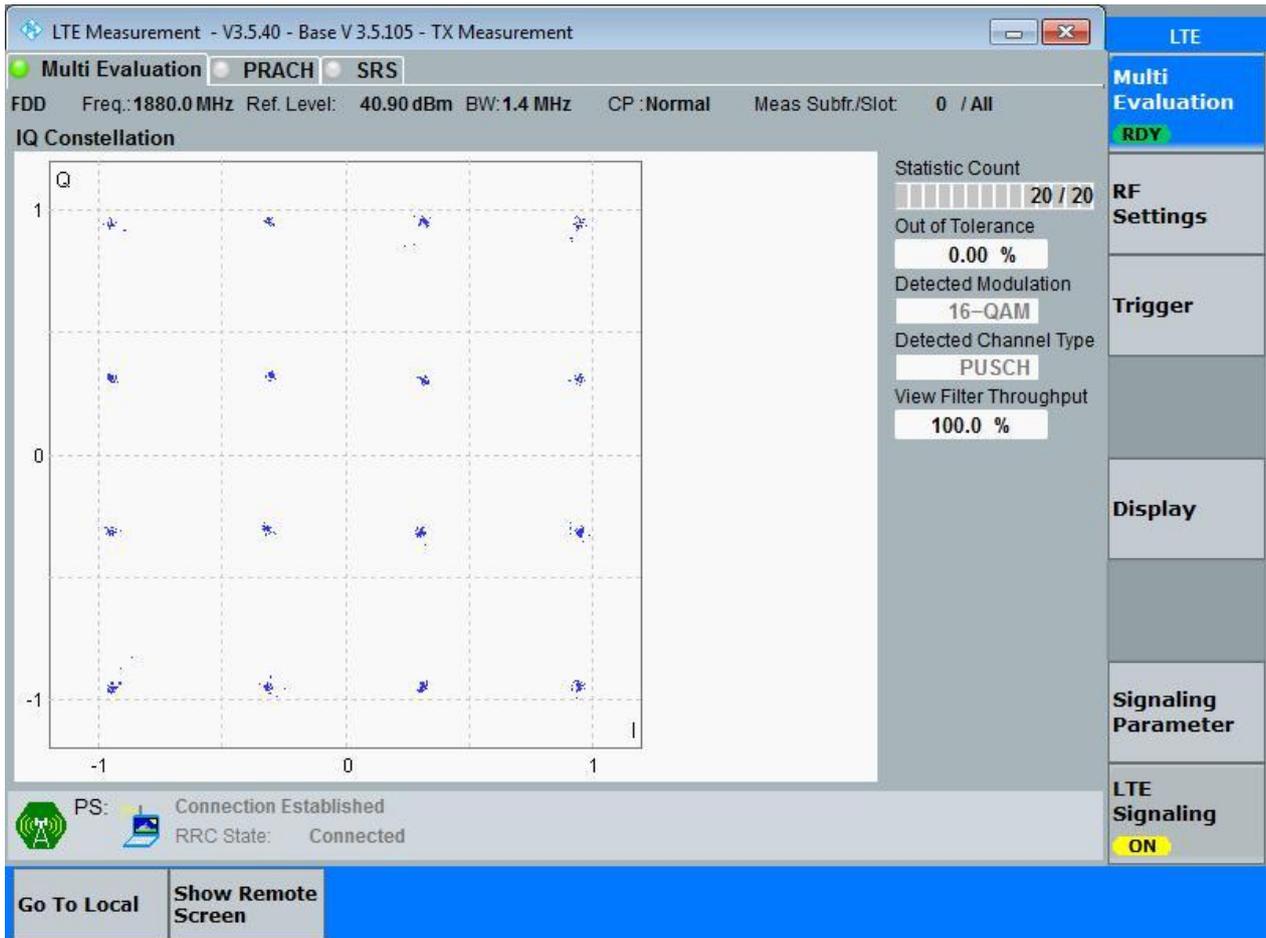


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

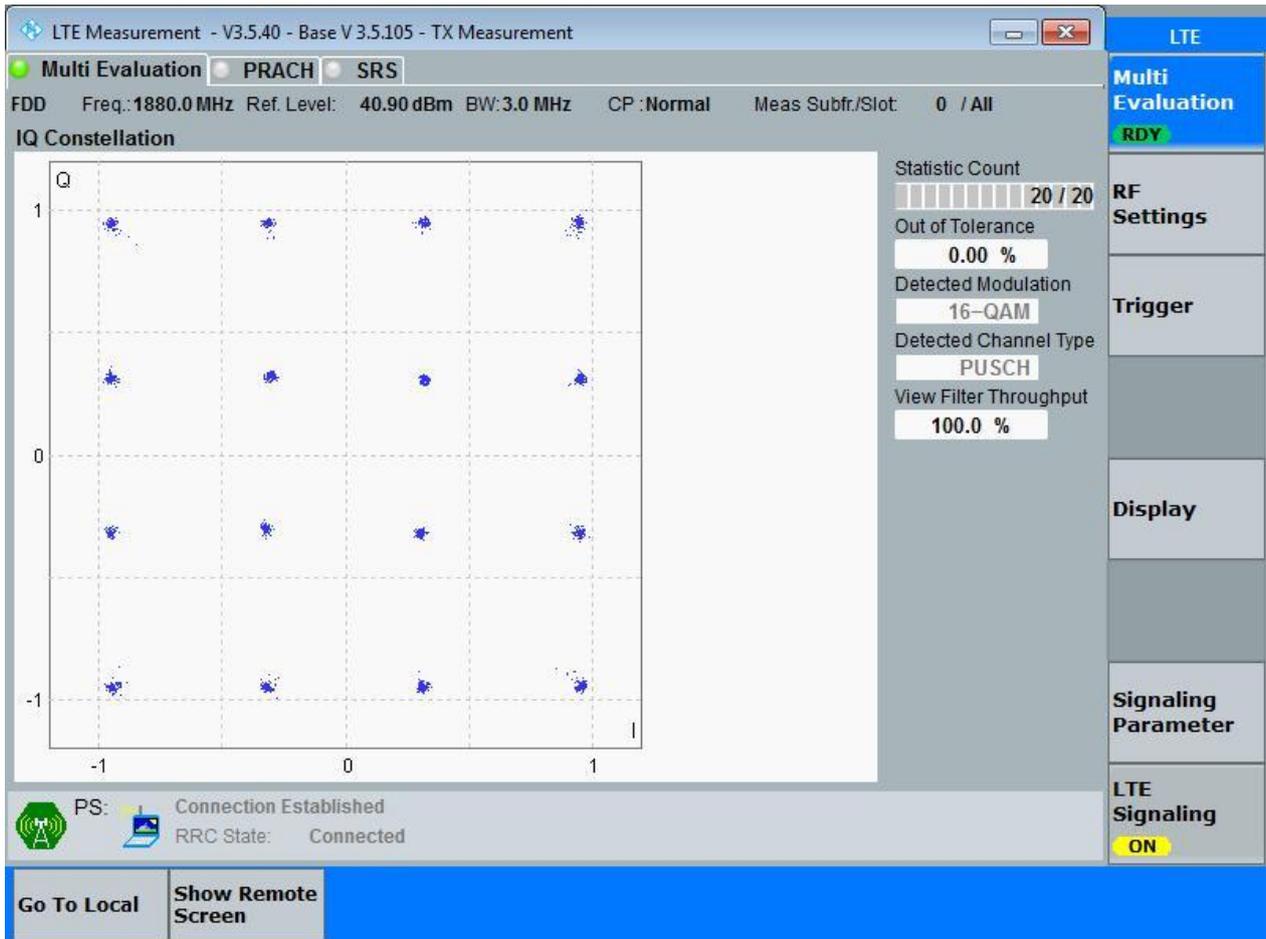
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

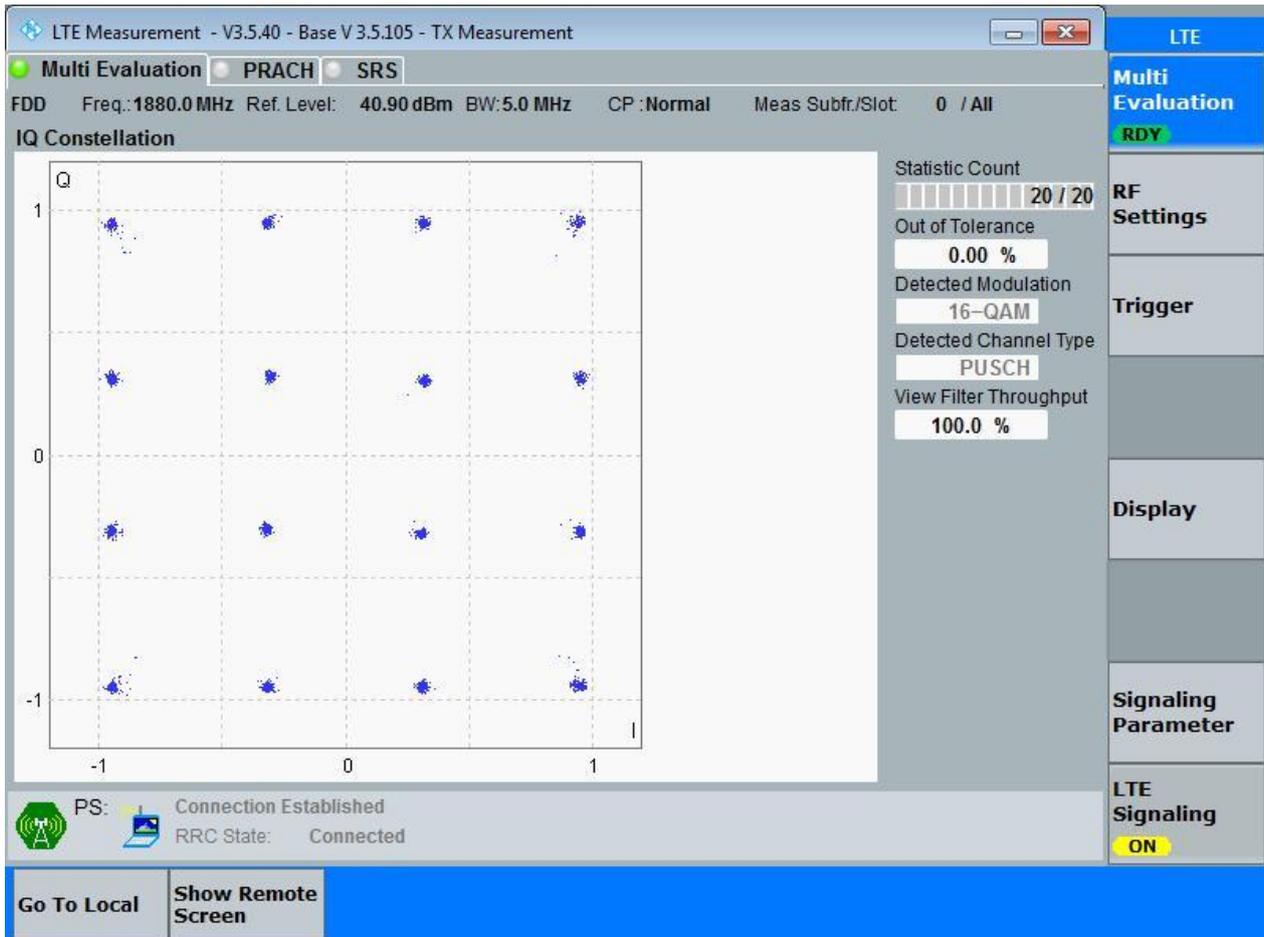
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

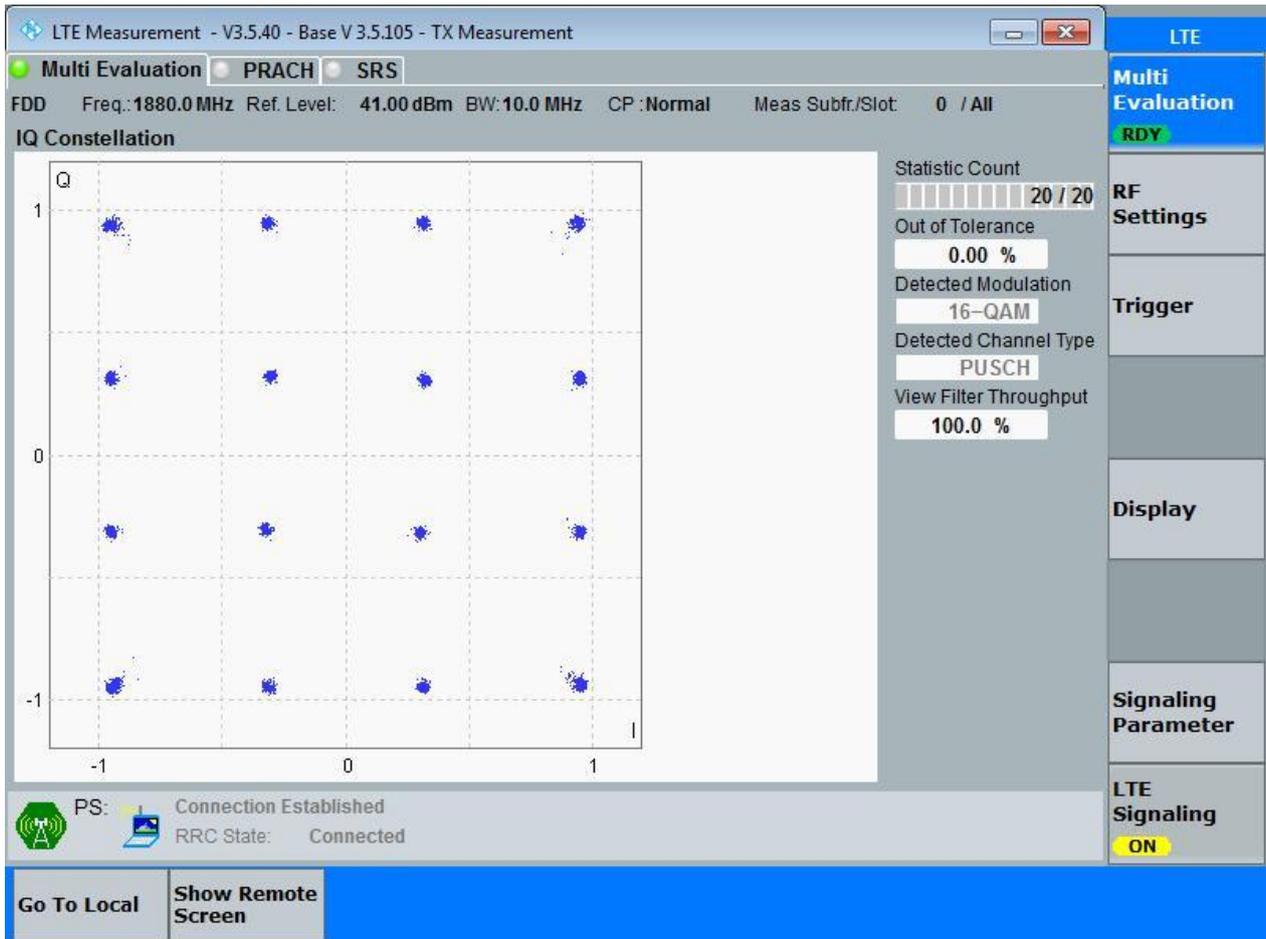
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

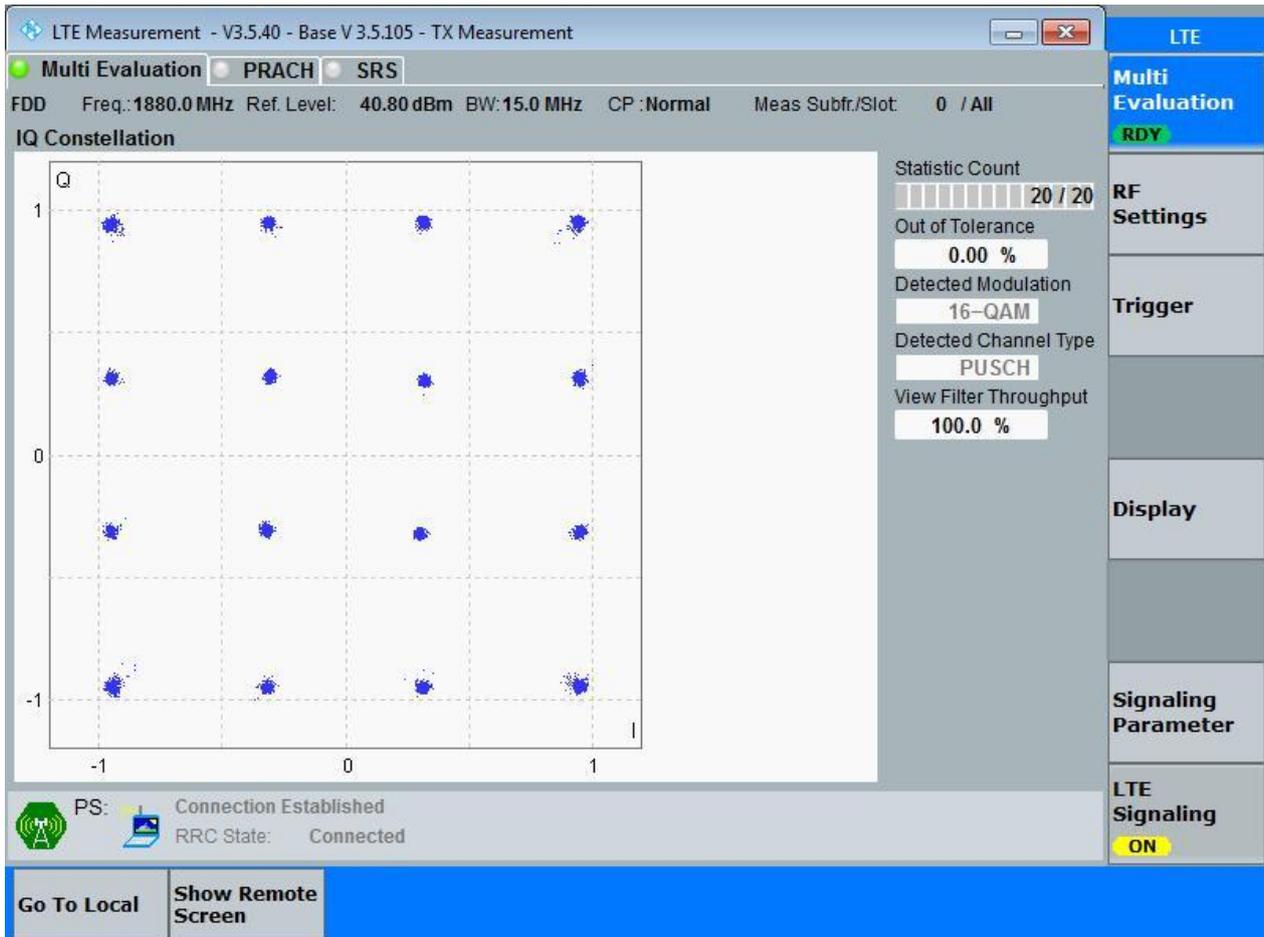
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

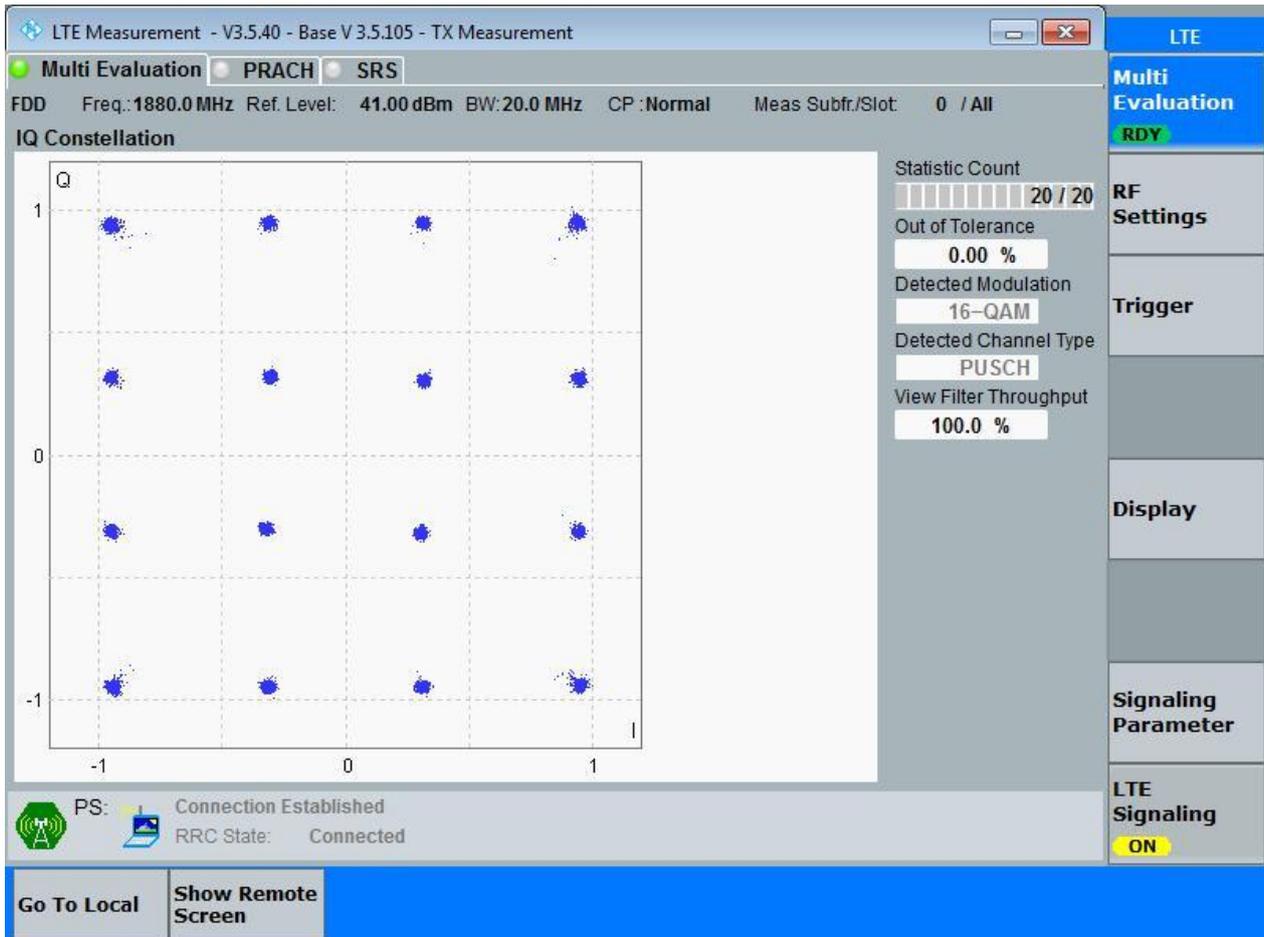
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.52	4.98	Pass
		10	LCH	RB50#0	9.00	9.94	Pass
			MCH	RB50#0	9.02	9.94	Pass
			HCH	RB50#0	9.00	9.97	Pass
		15	LCH	RB75#0	13.50	14.97	Pass
			MCH	RB75#0	13.50	15.07	Pass
			HCH	RB75#0	13.49	15.03	Pass
		20	LCH	RB100#0	17.96	19.82	Pass
			MCH	RB100#0	17.98	19.80	Pass
			HCH	RB100#0	17.97	19.79	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.27	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.52	4.99	Pass
		10	LCH	RB50#0	9.01	9.91	Pass
			MCH	RB50#0	9.00	9.91	Pass
			HCH	RB50#0	9.00	9.94	Pass
15	LCH	RB75#0	13.50	15.08	Pass		



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB75#0	13.50	14.99	Pass
			HCH	RB75#0	13.46	15.02	Pass
		20	LCH	RB100#0	17.98	19.81	Pass
			MCH	RB100#0	18.00	19.86	Pass
			HCH	RB100#0	17.97	19.87	Pass



Part II - Test Plots

4.1 For LTE

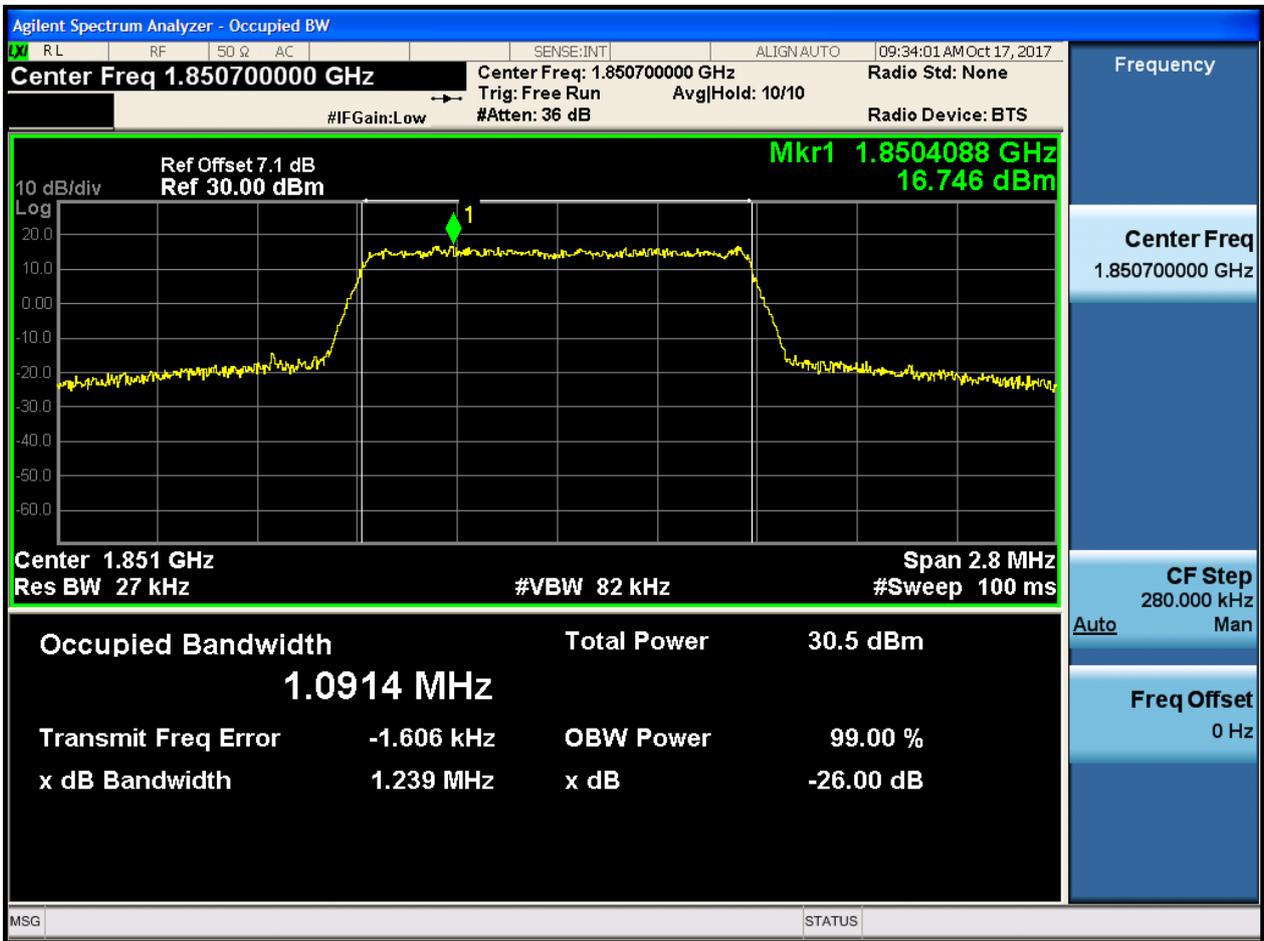
4.1.1 Test Band = BAND2

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

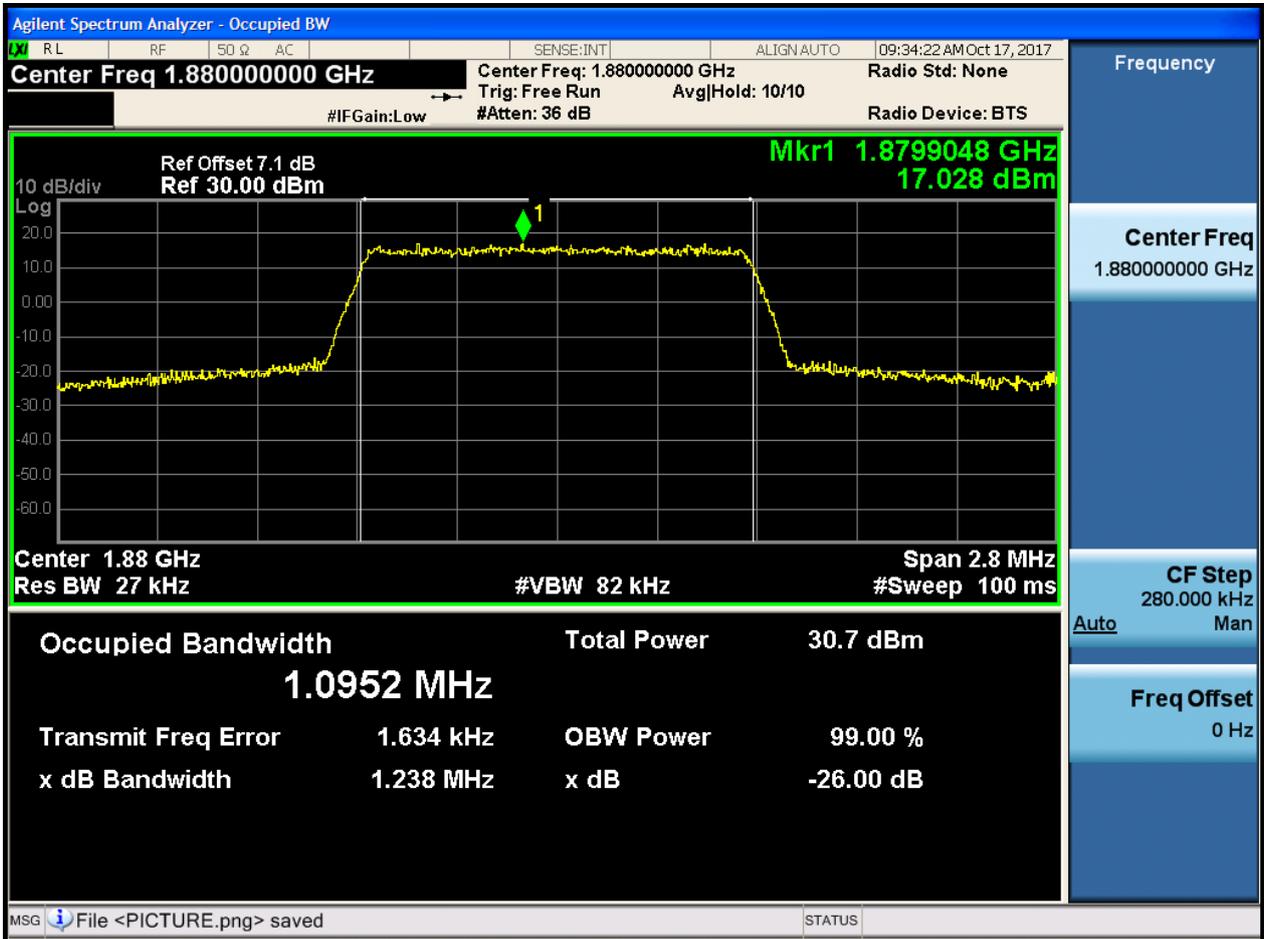
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.2 Test Channel = MCH

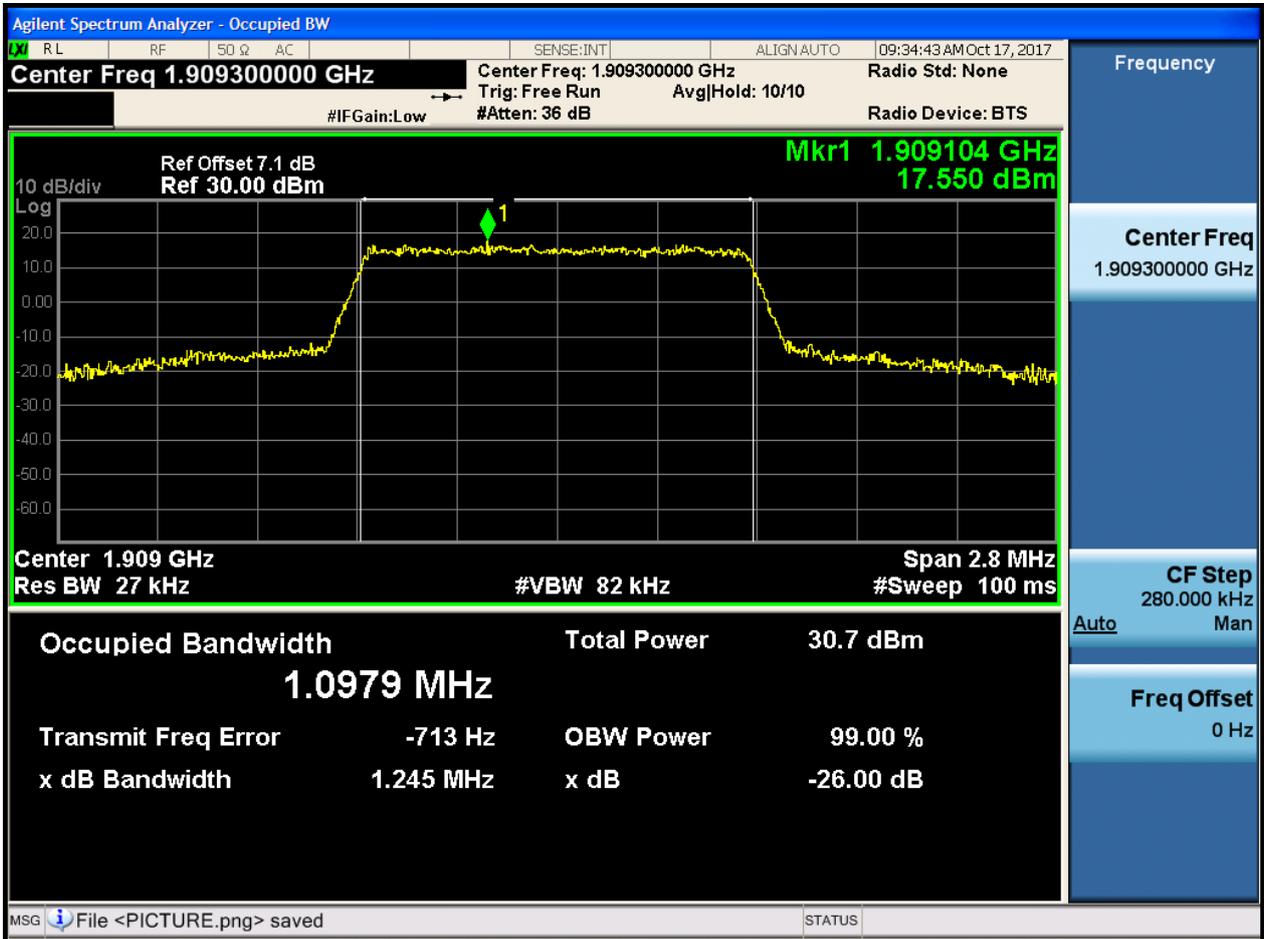
4.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

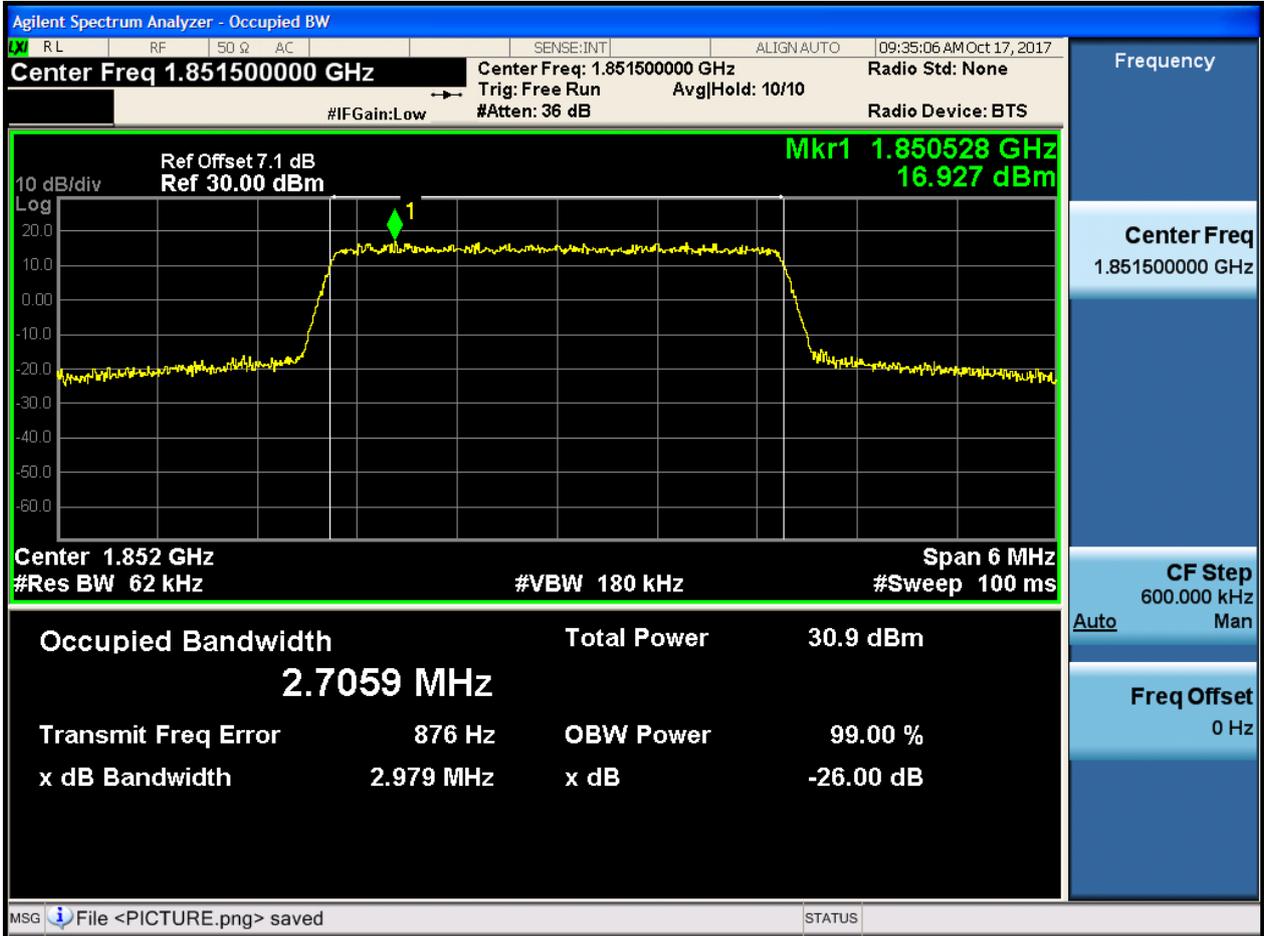




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

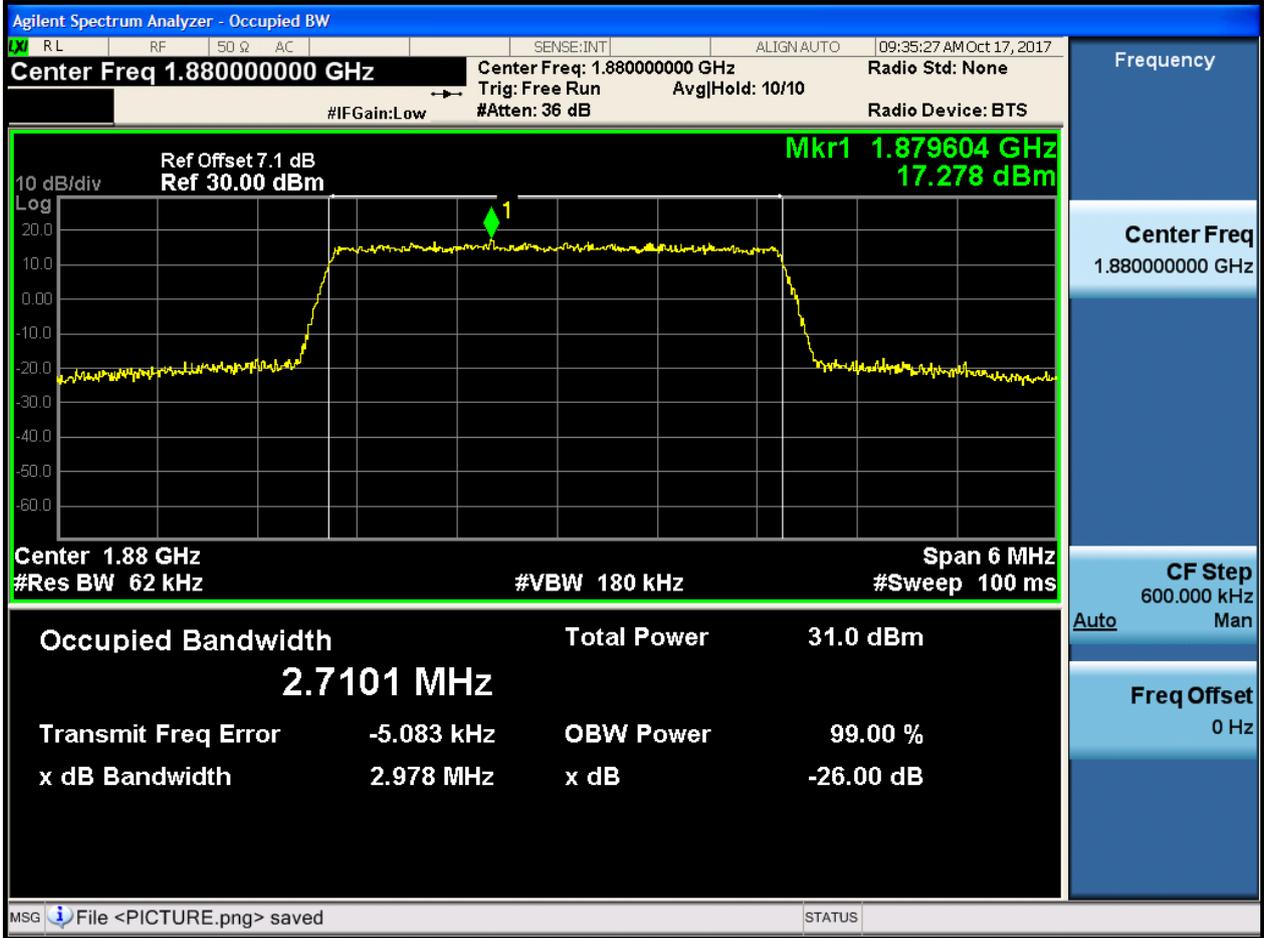
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

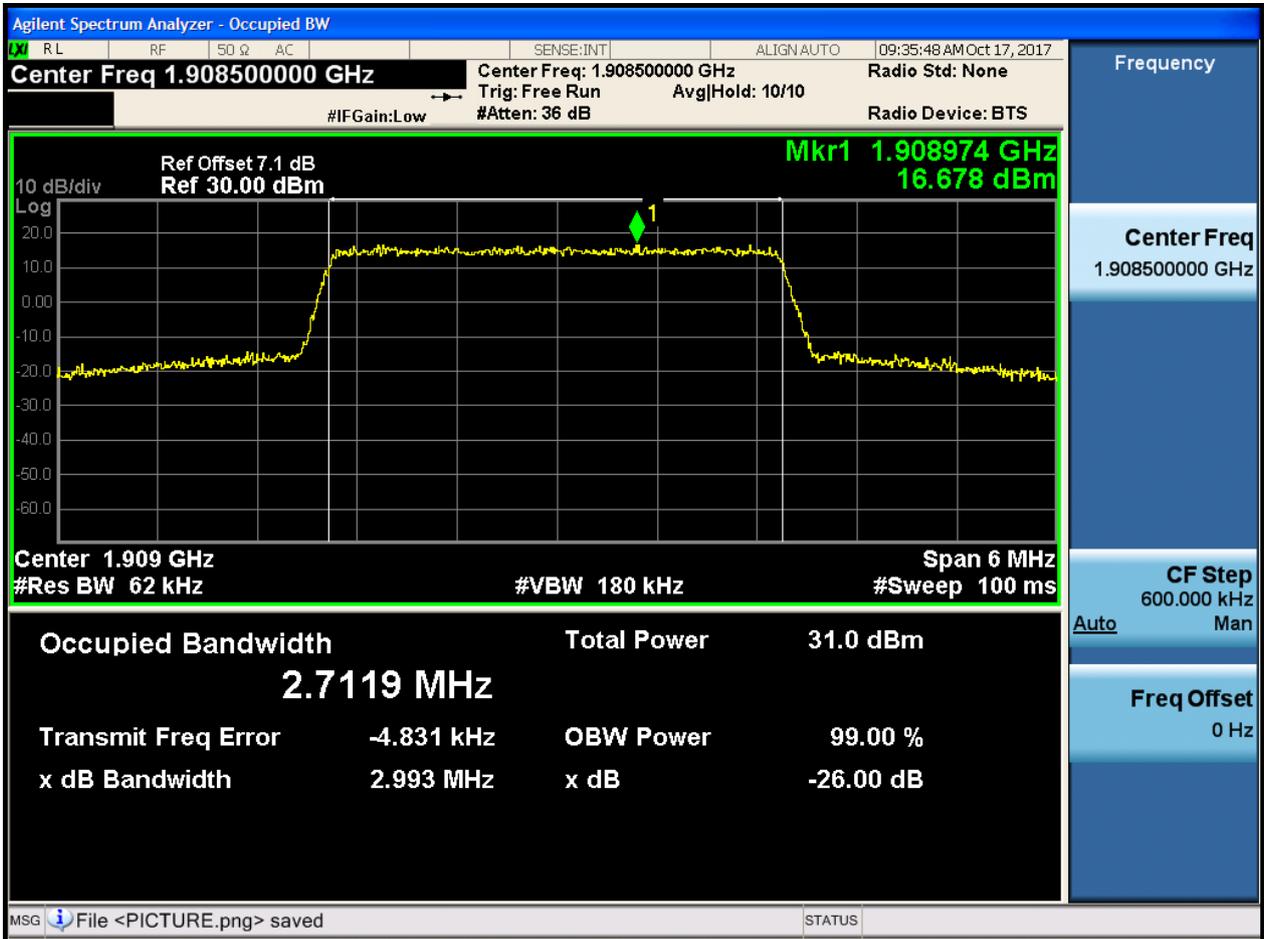
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

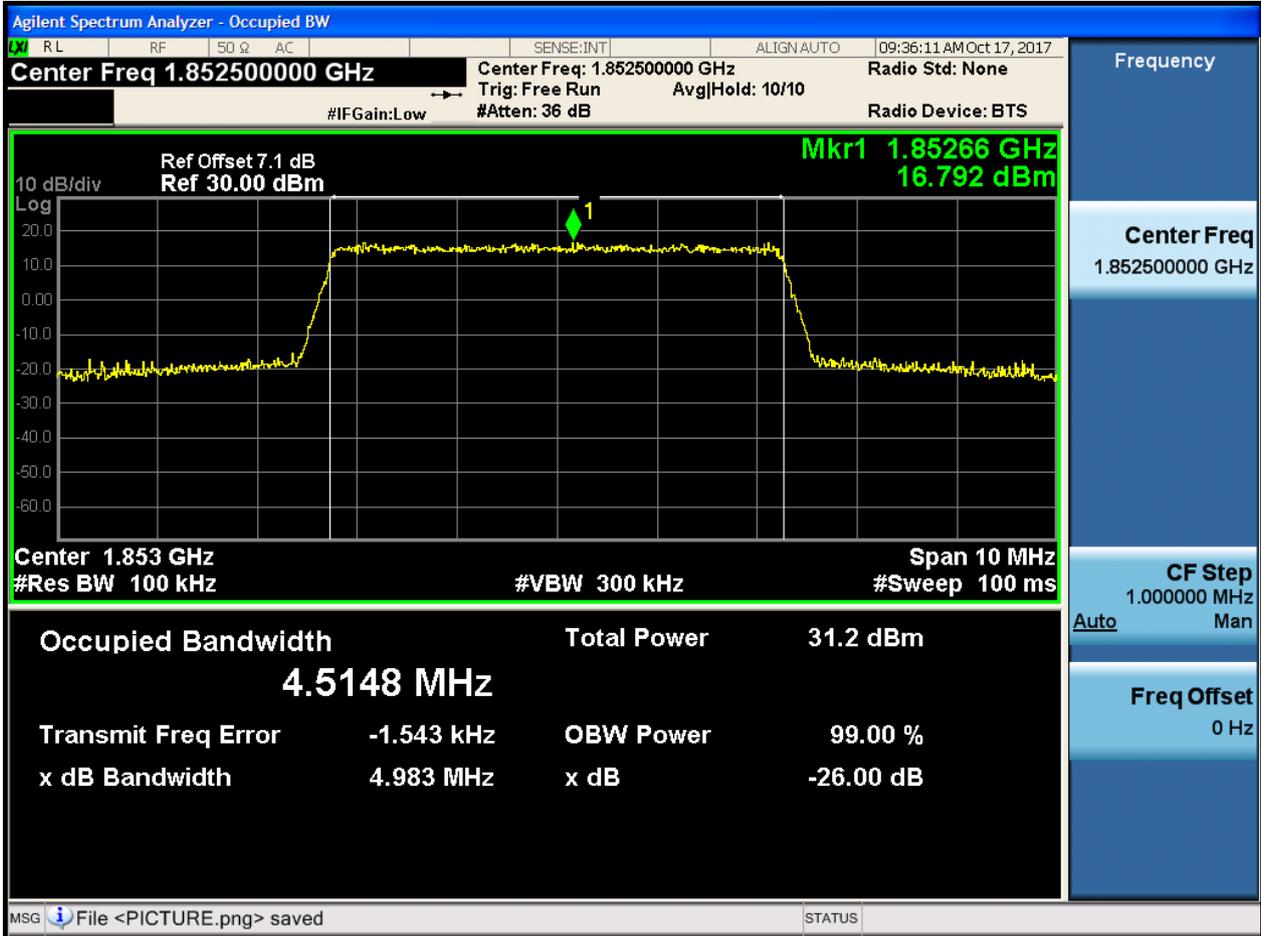




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

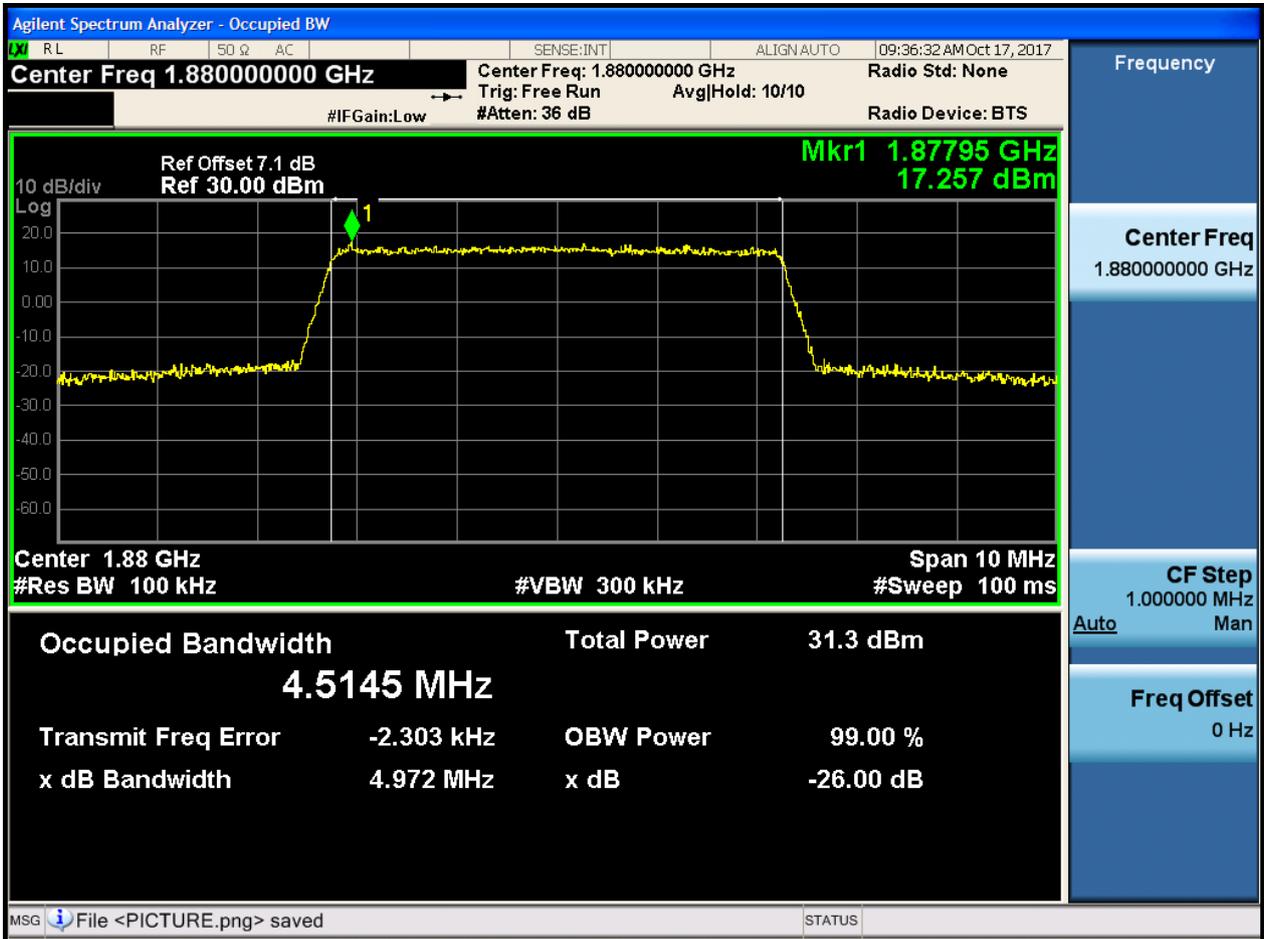
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

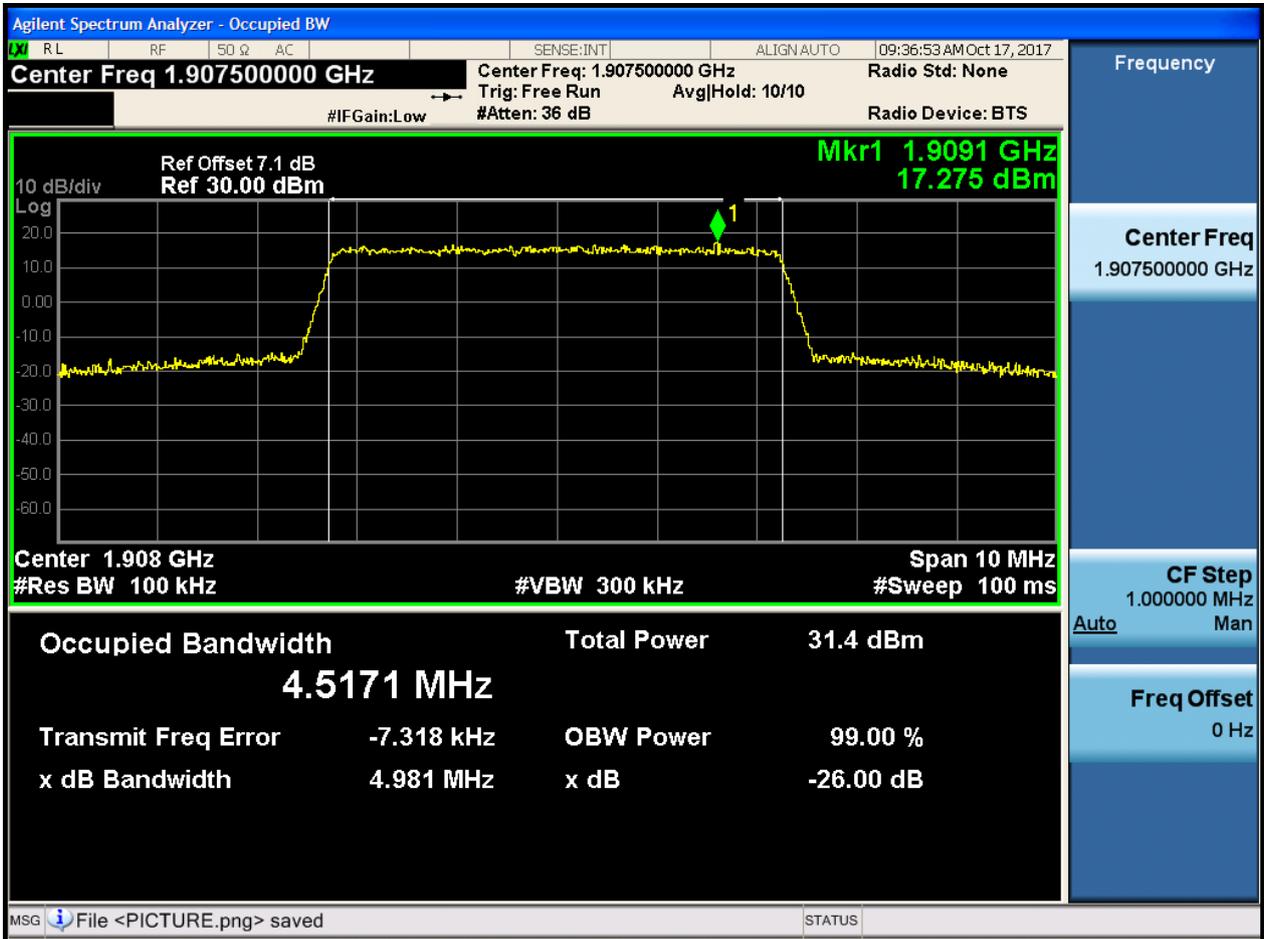
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

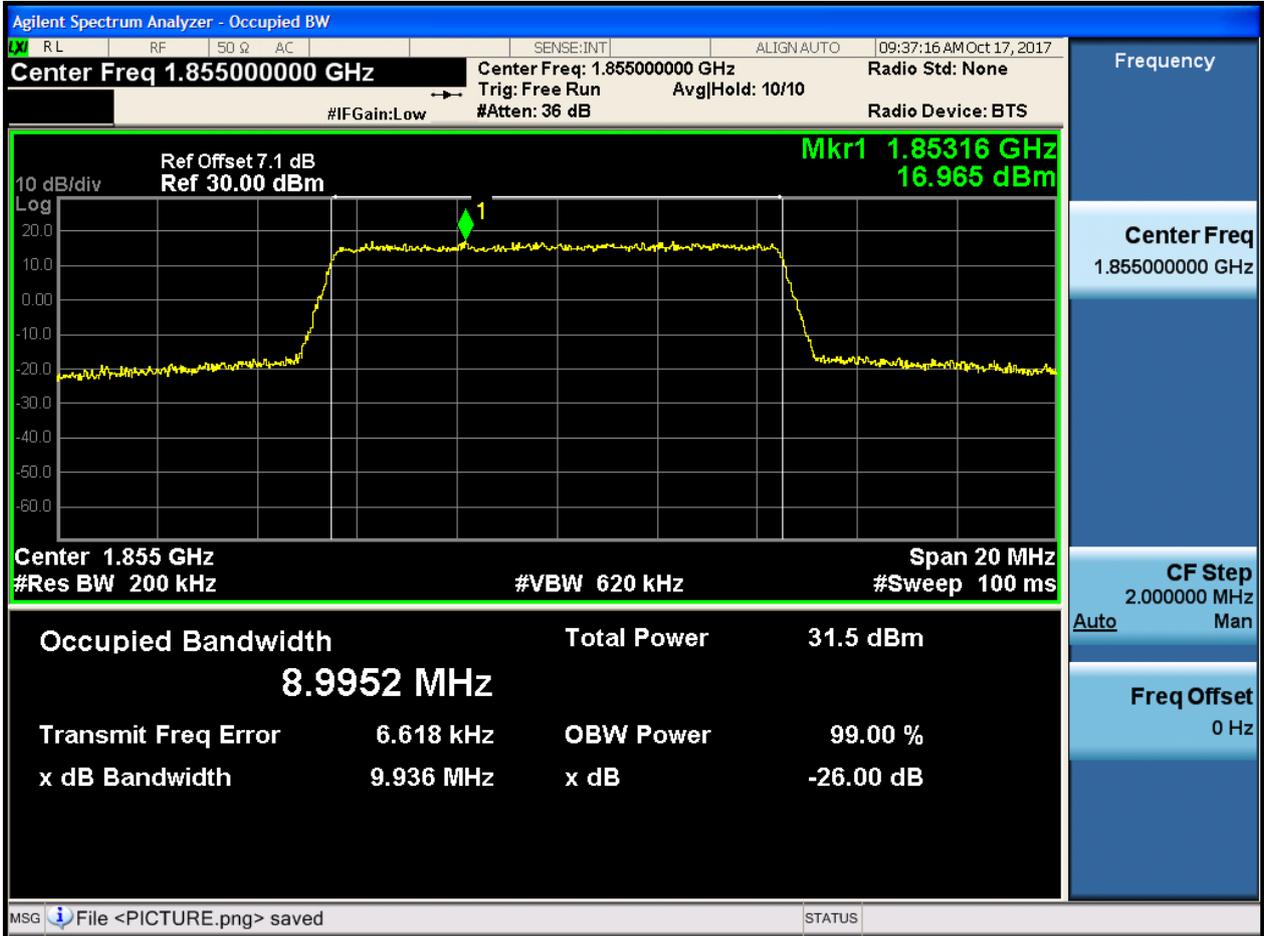




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

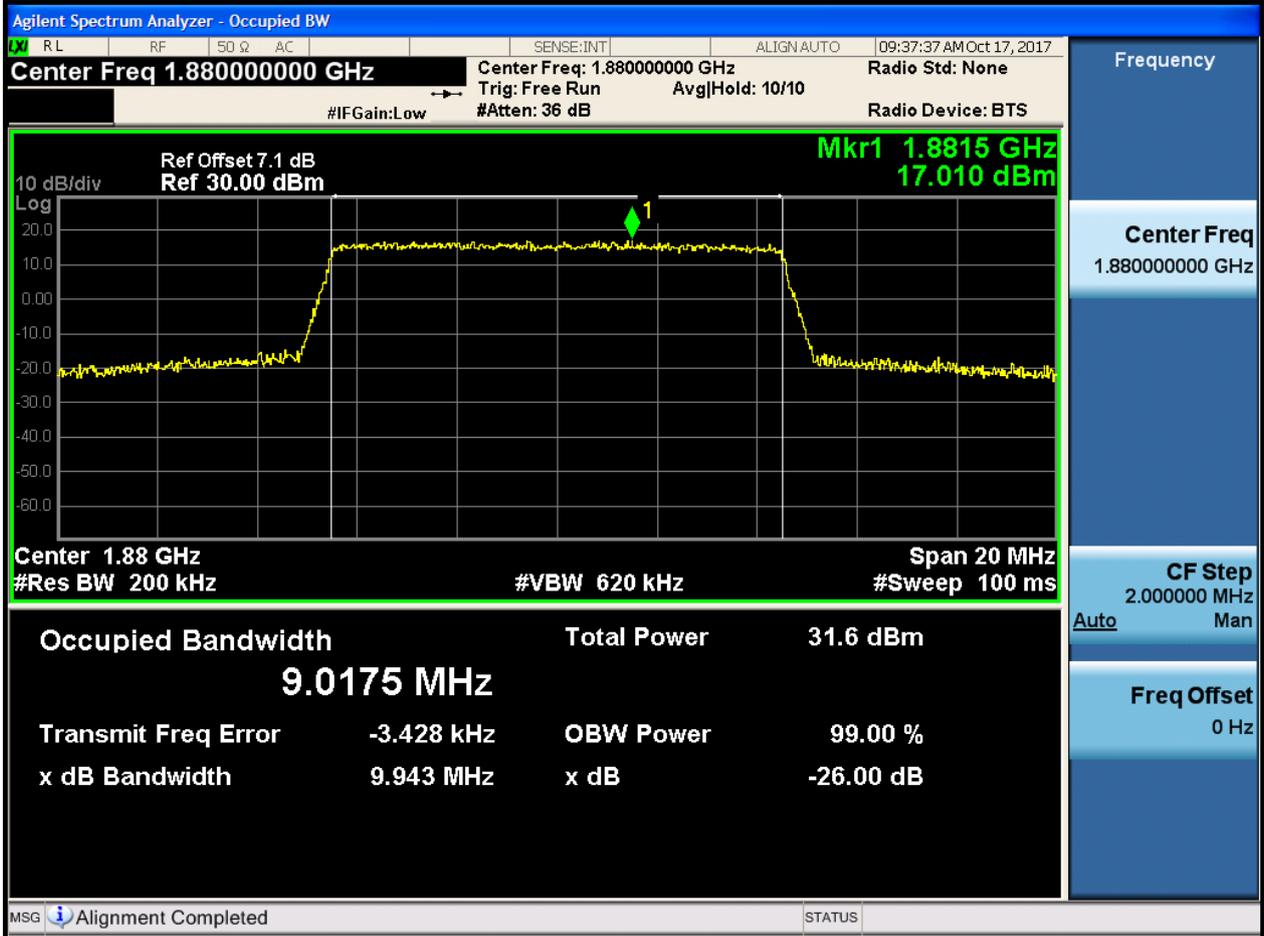
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

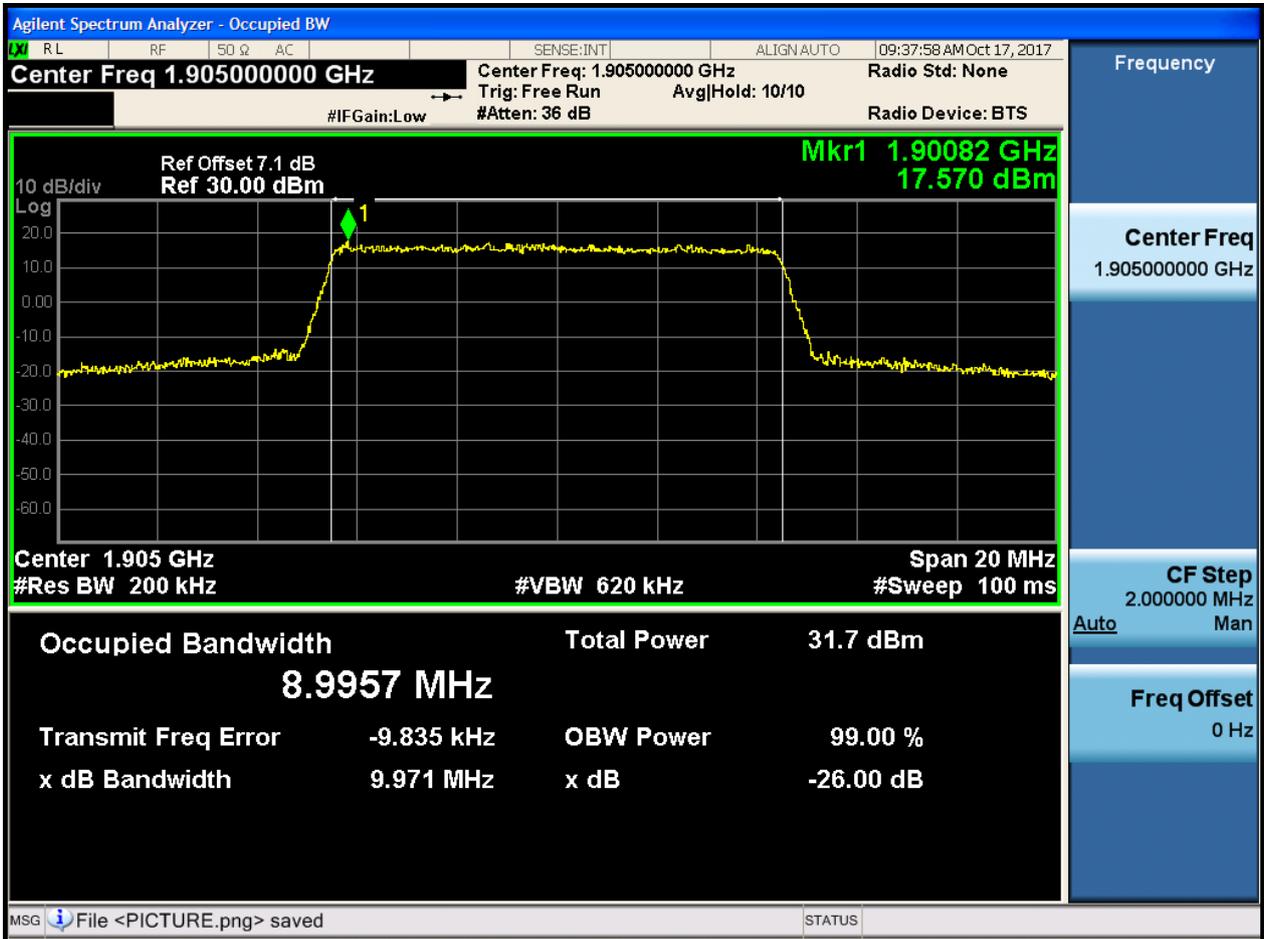
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

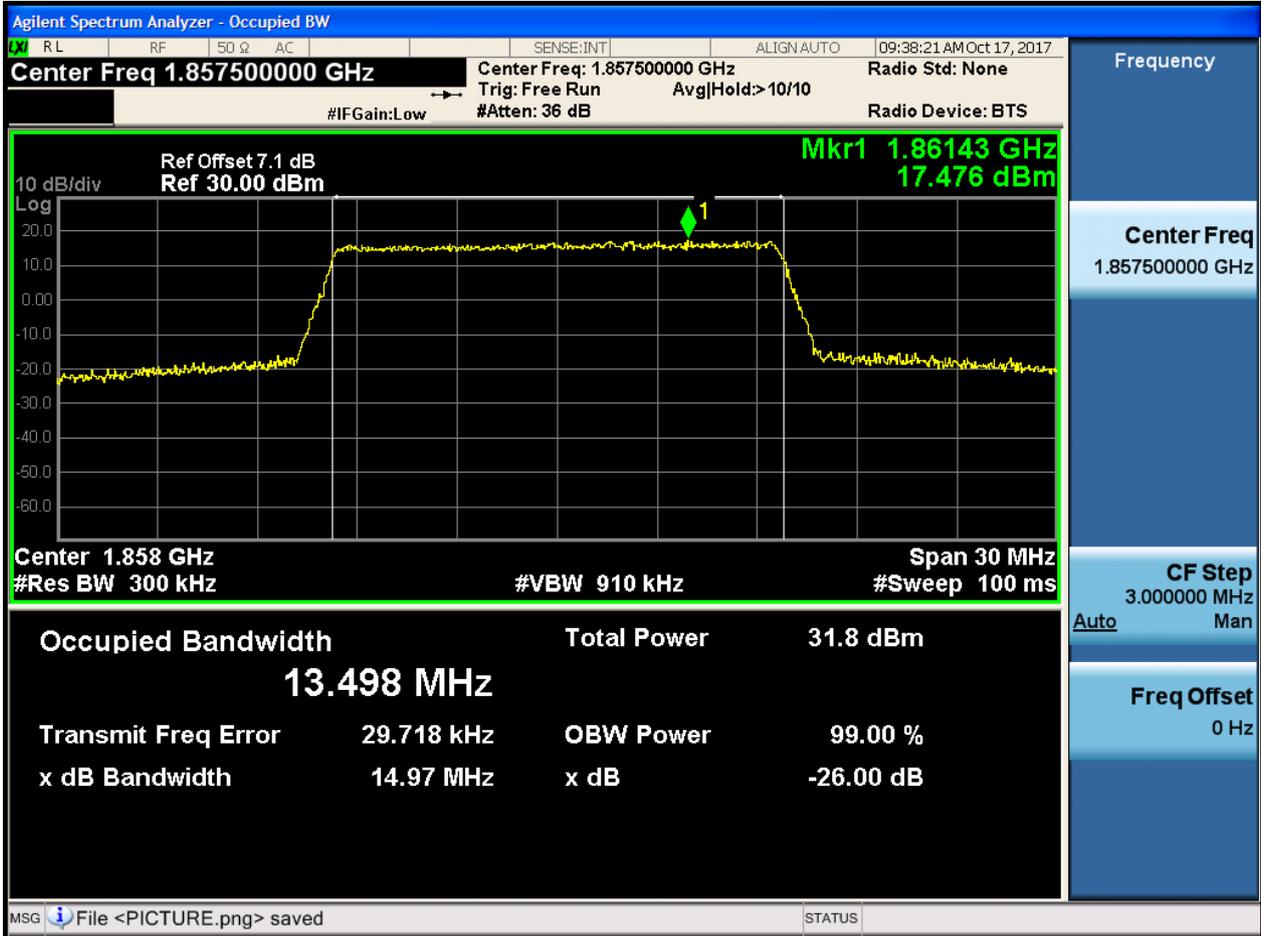




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

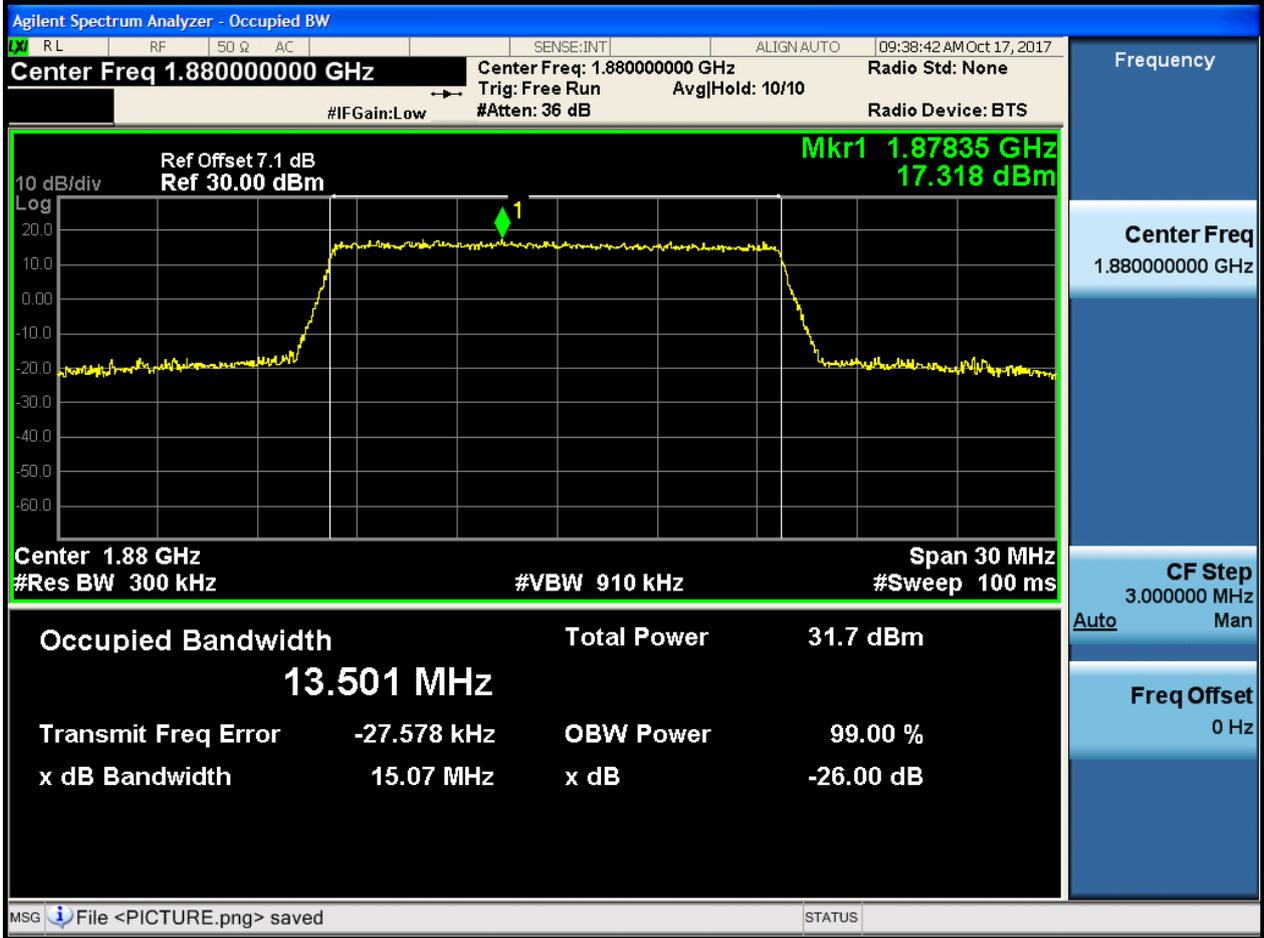
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

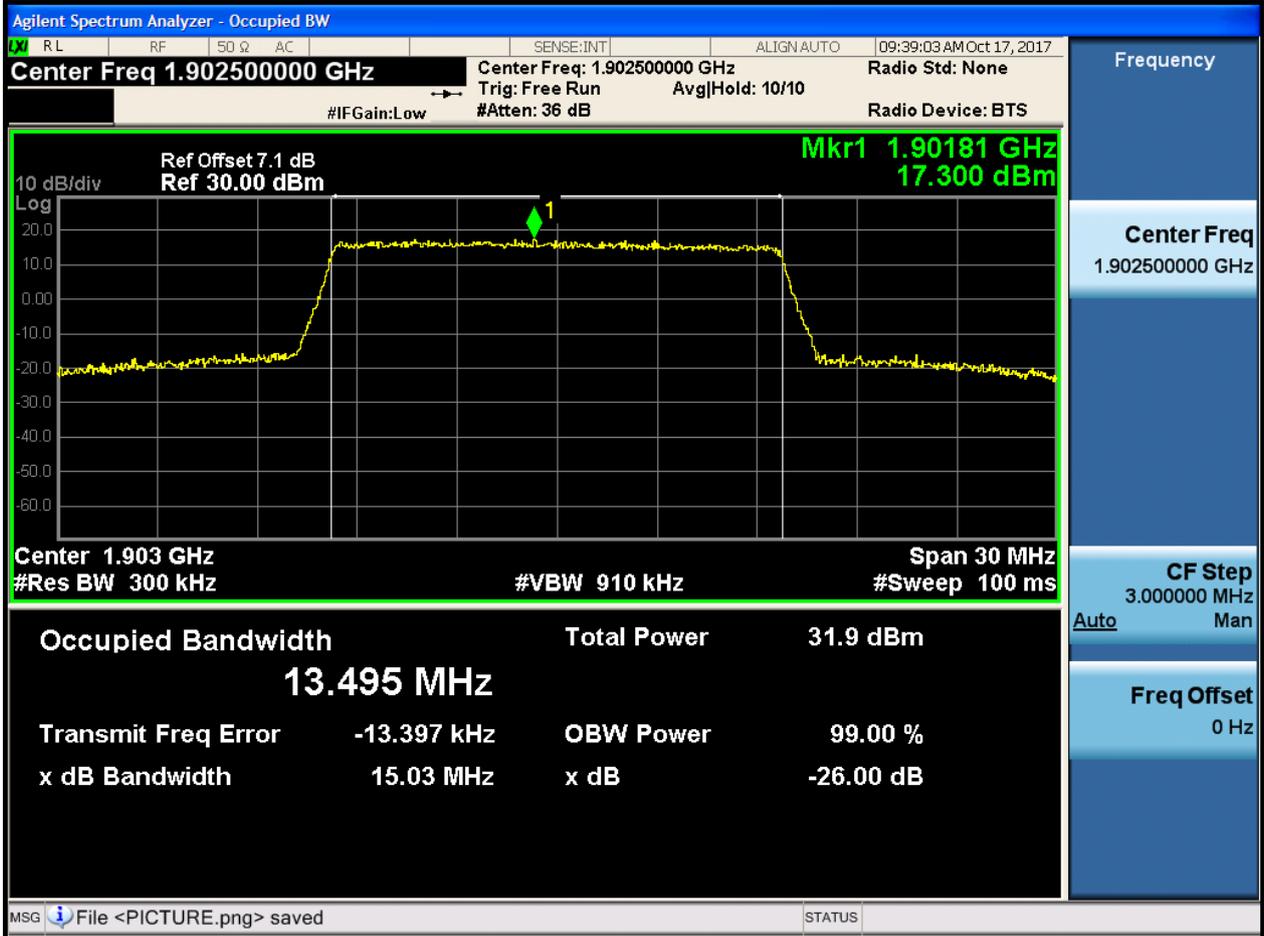
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

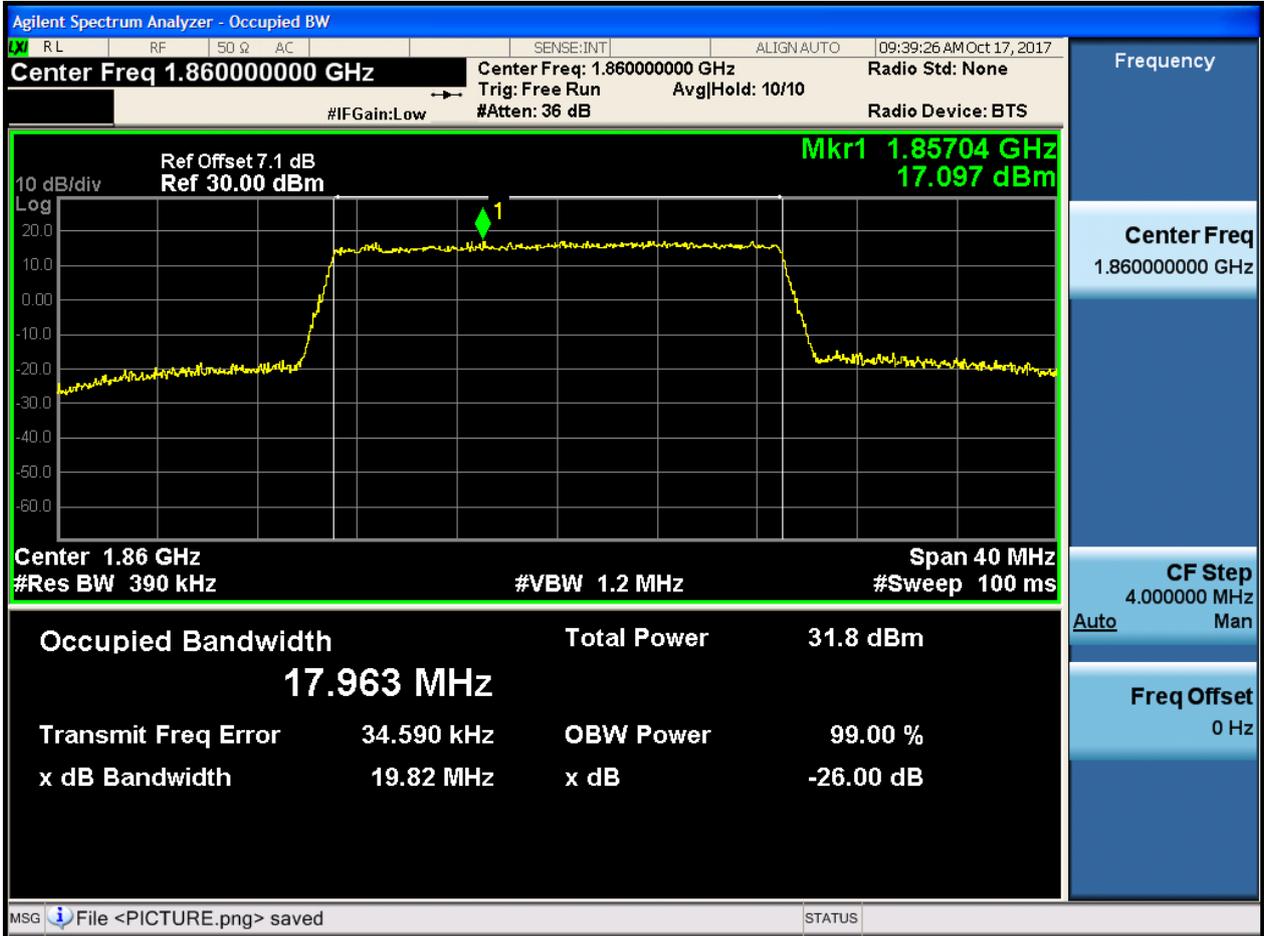




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

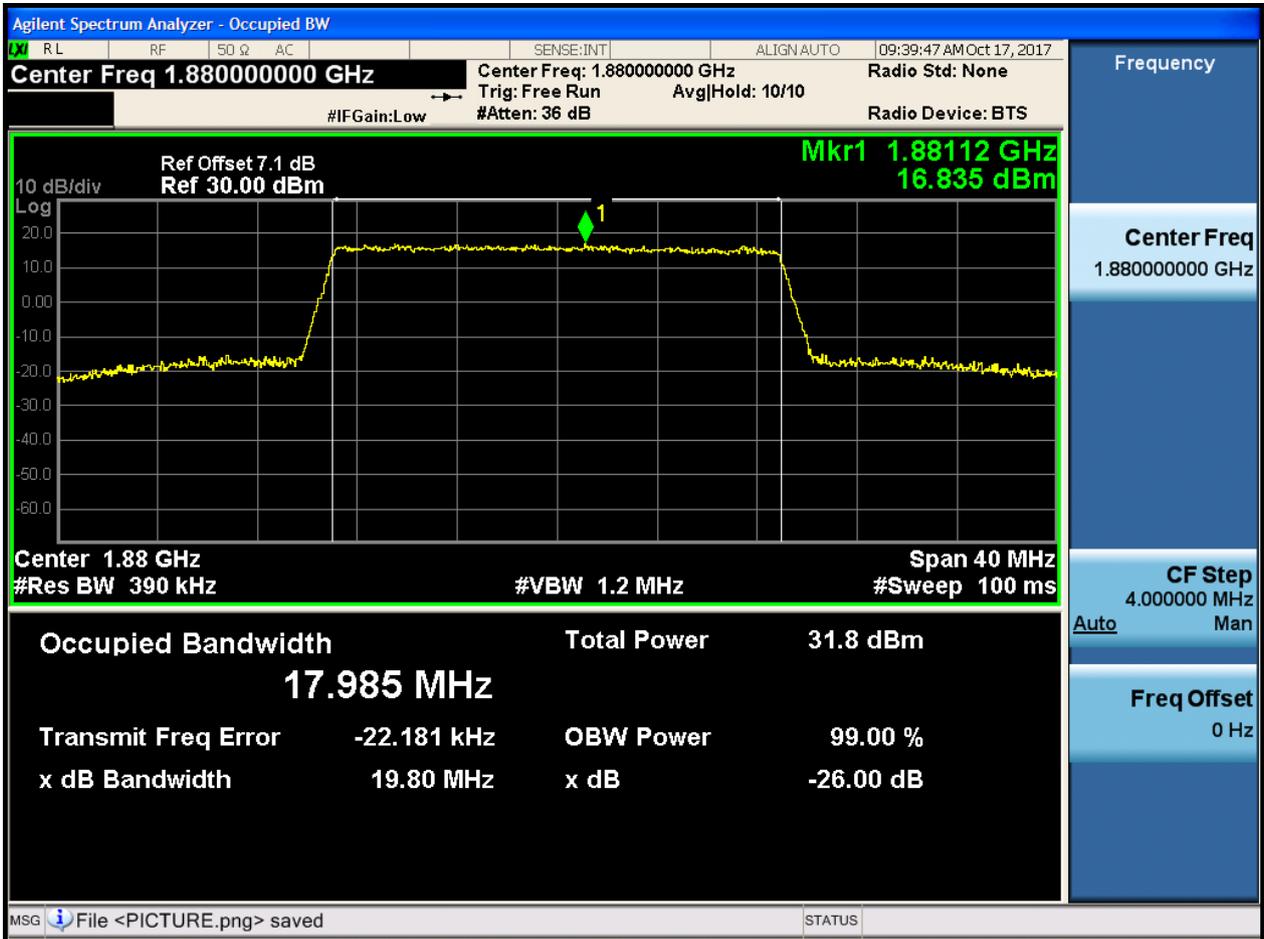
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

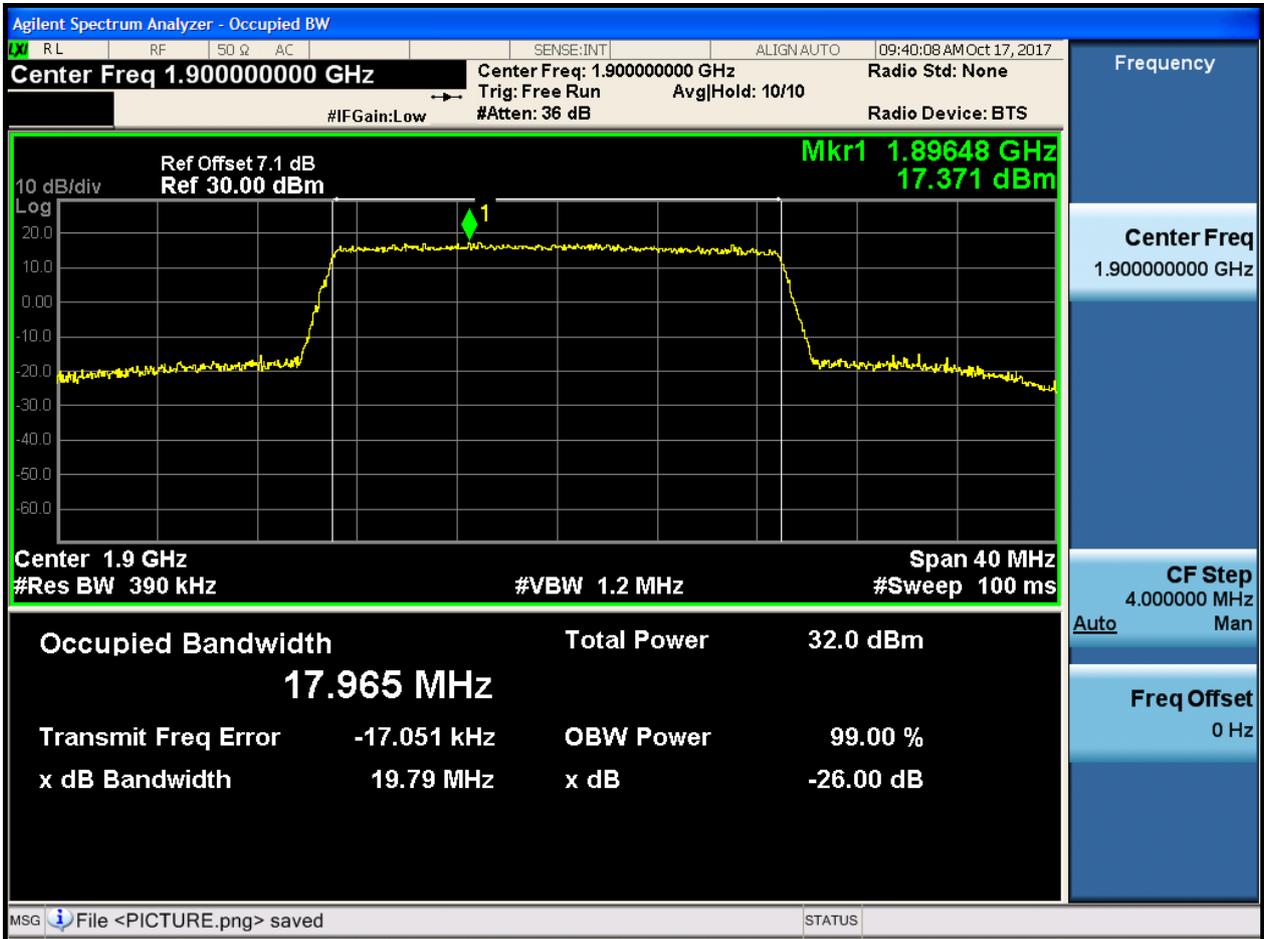
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



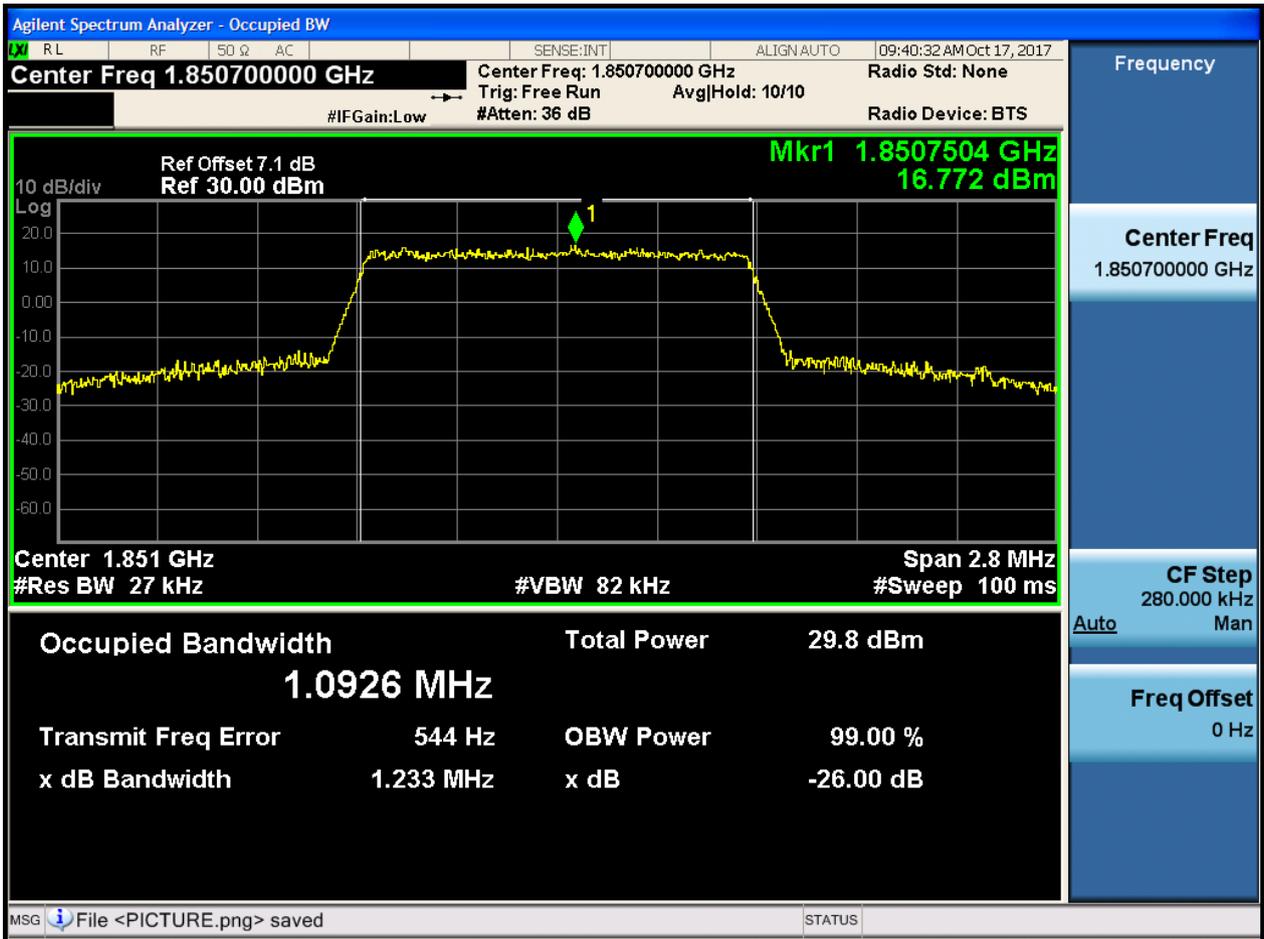


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

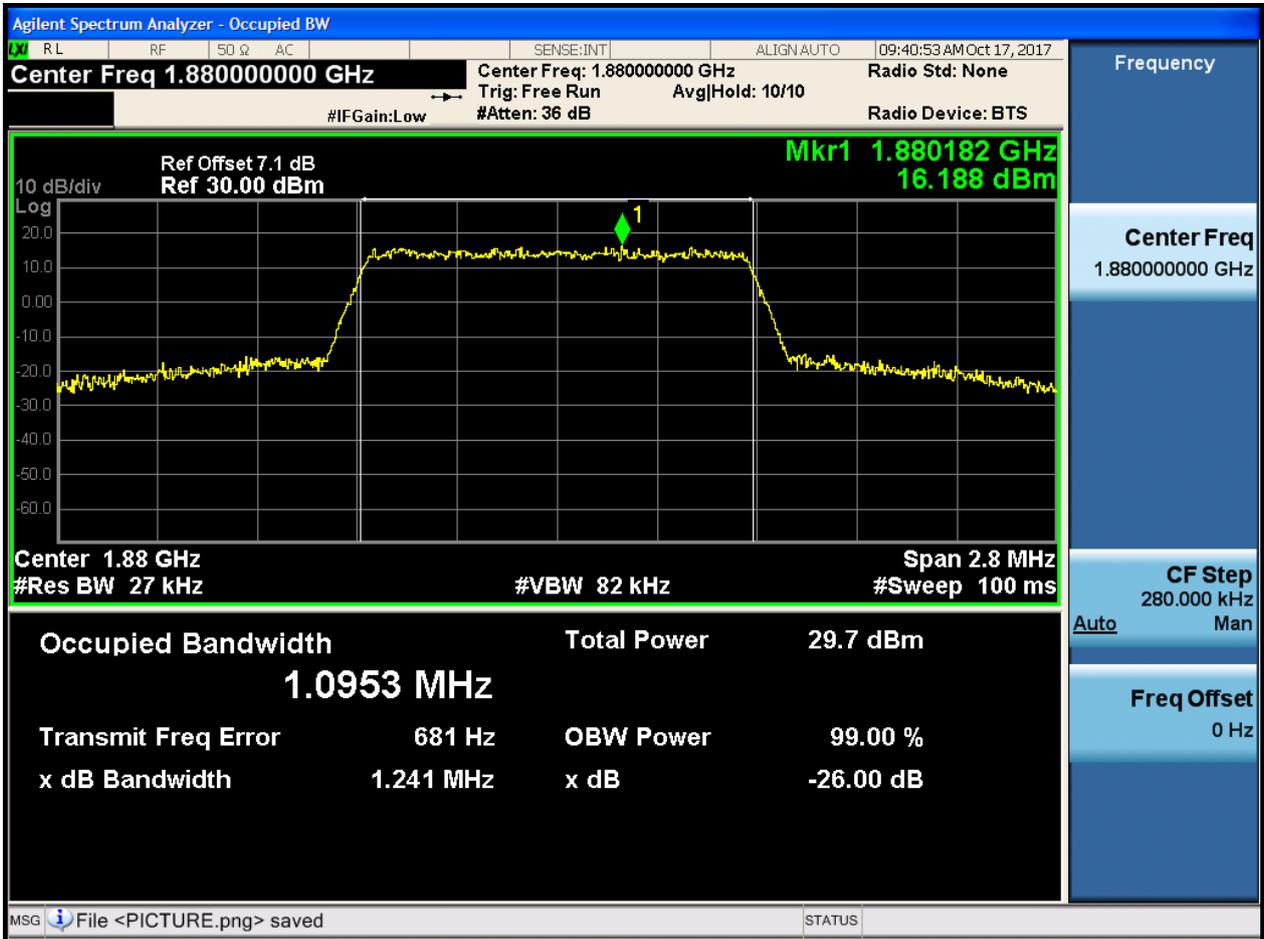
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

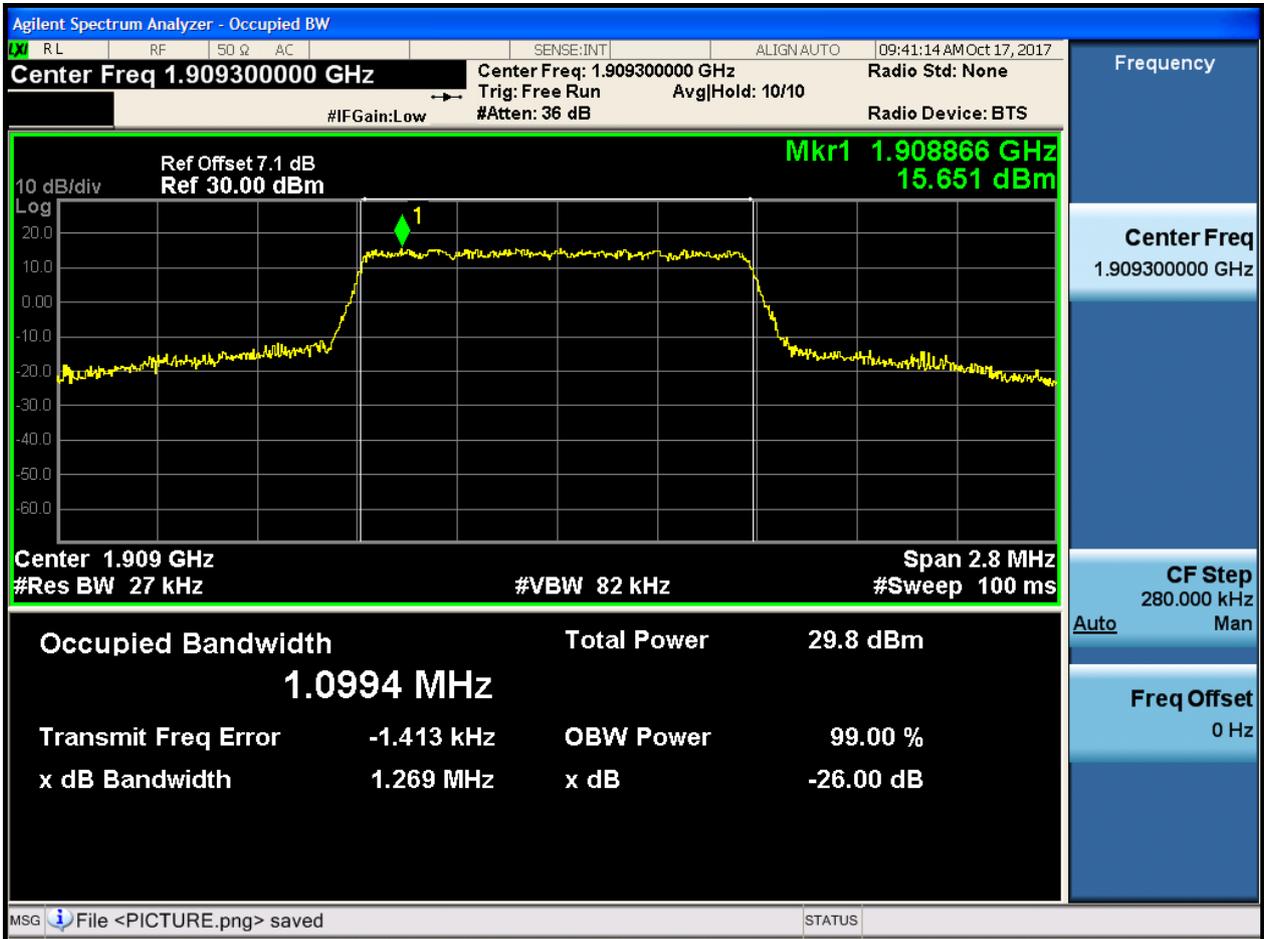
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

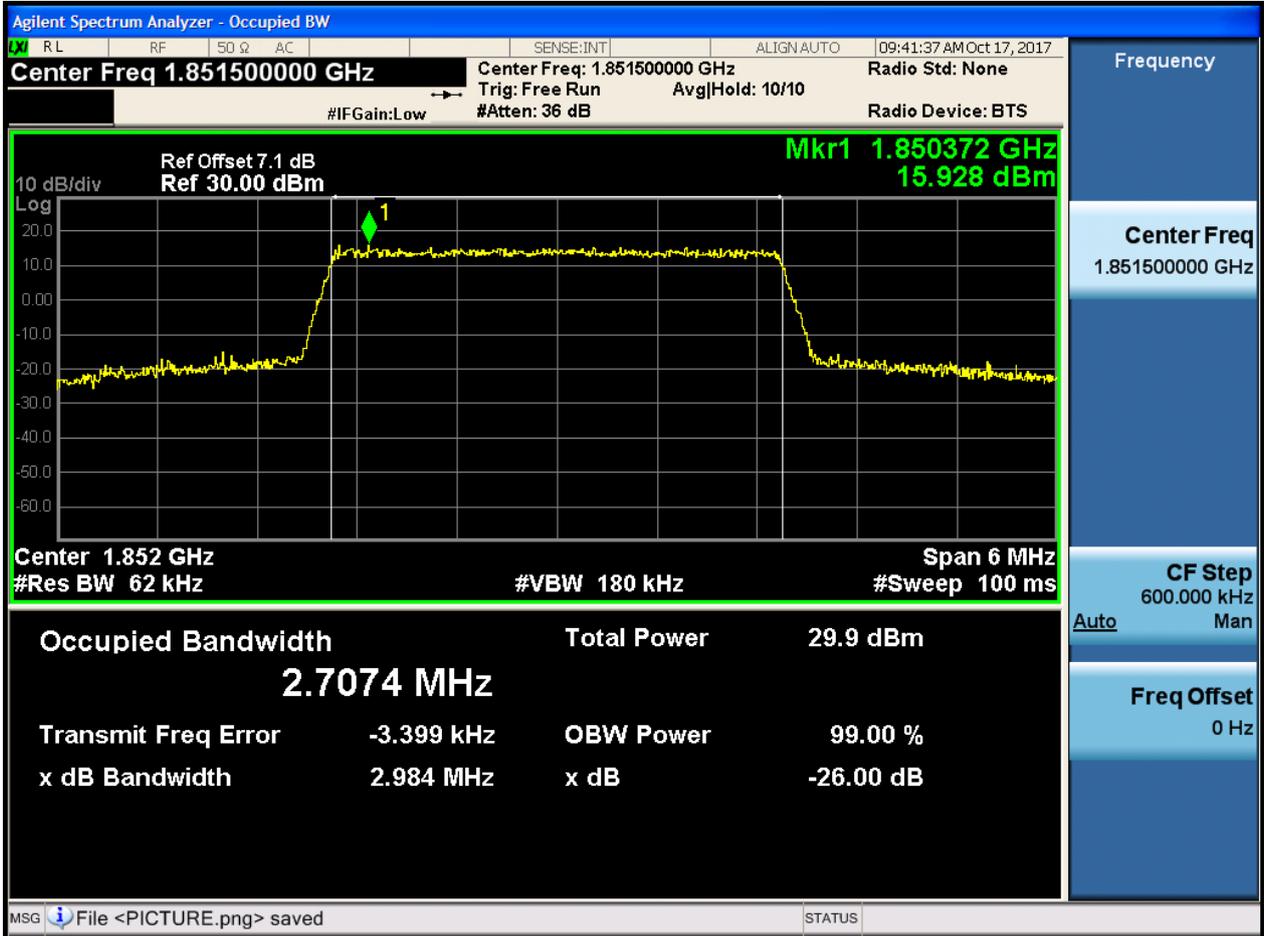




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

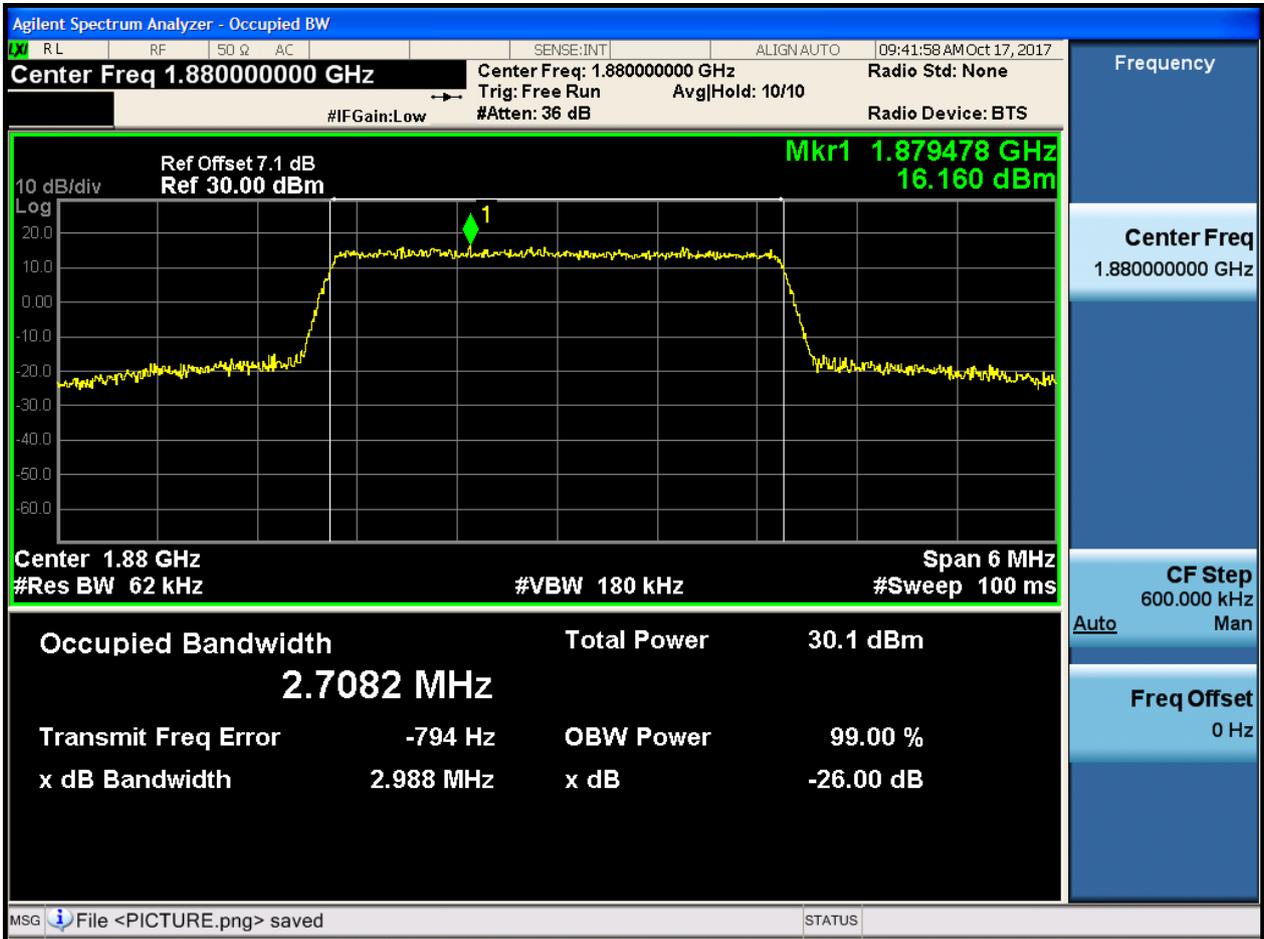
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

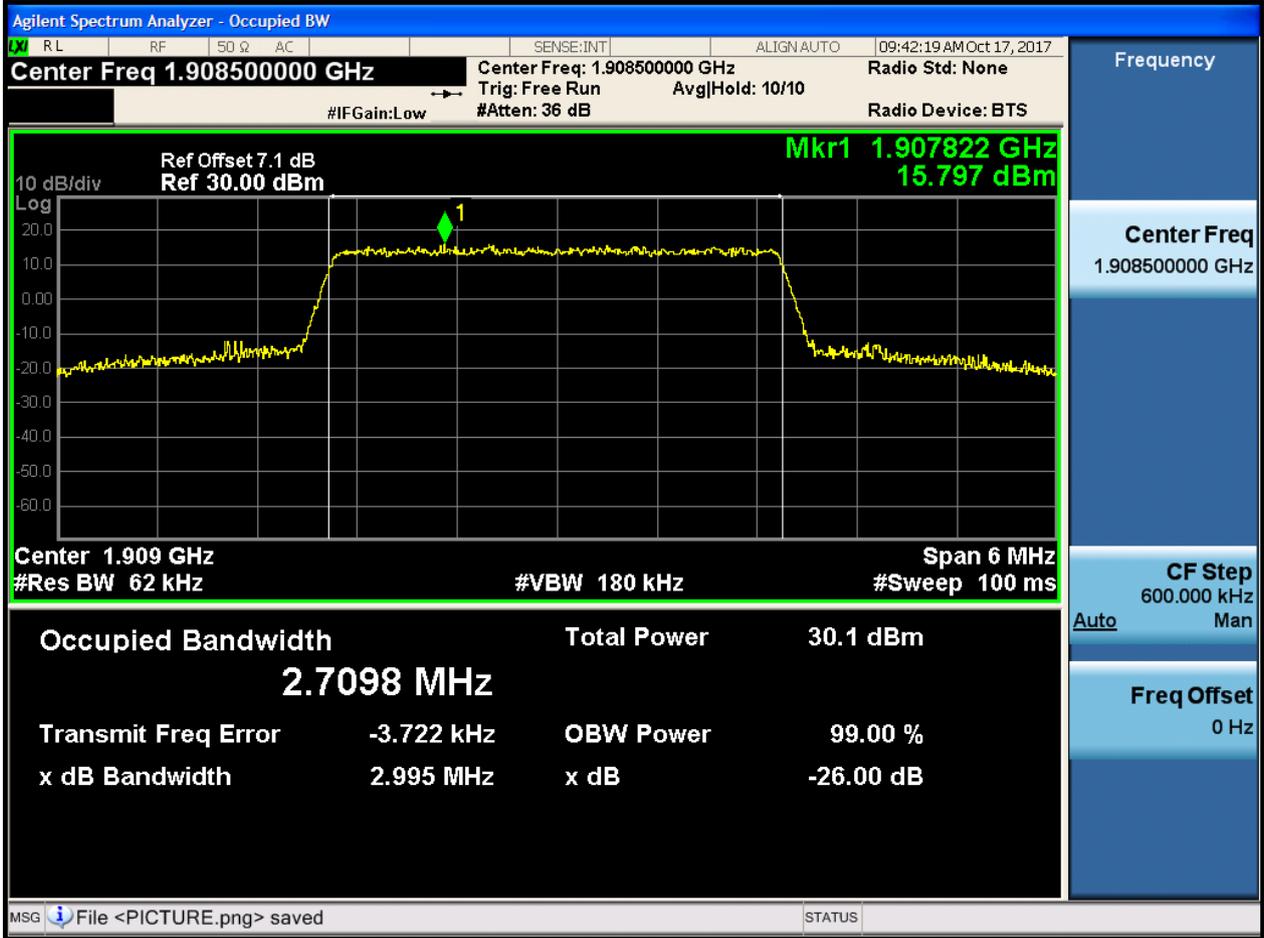
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

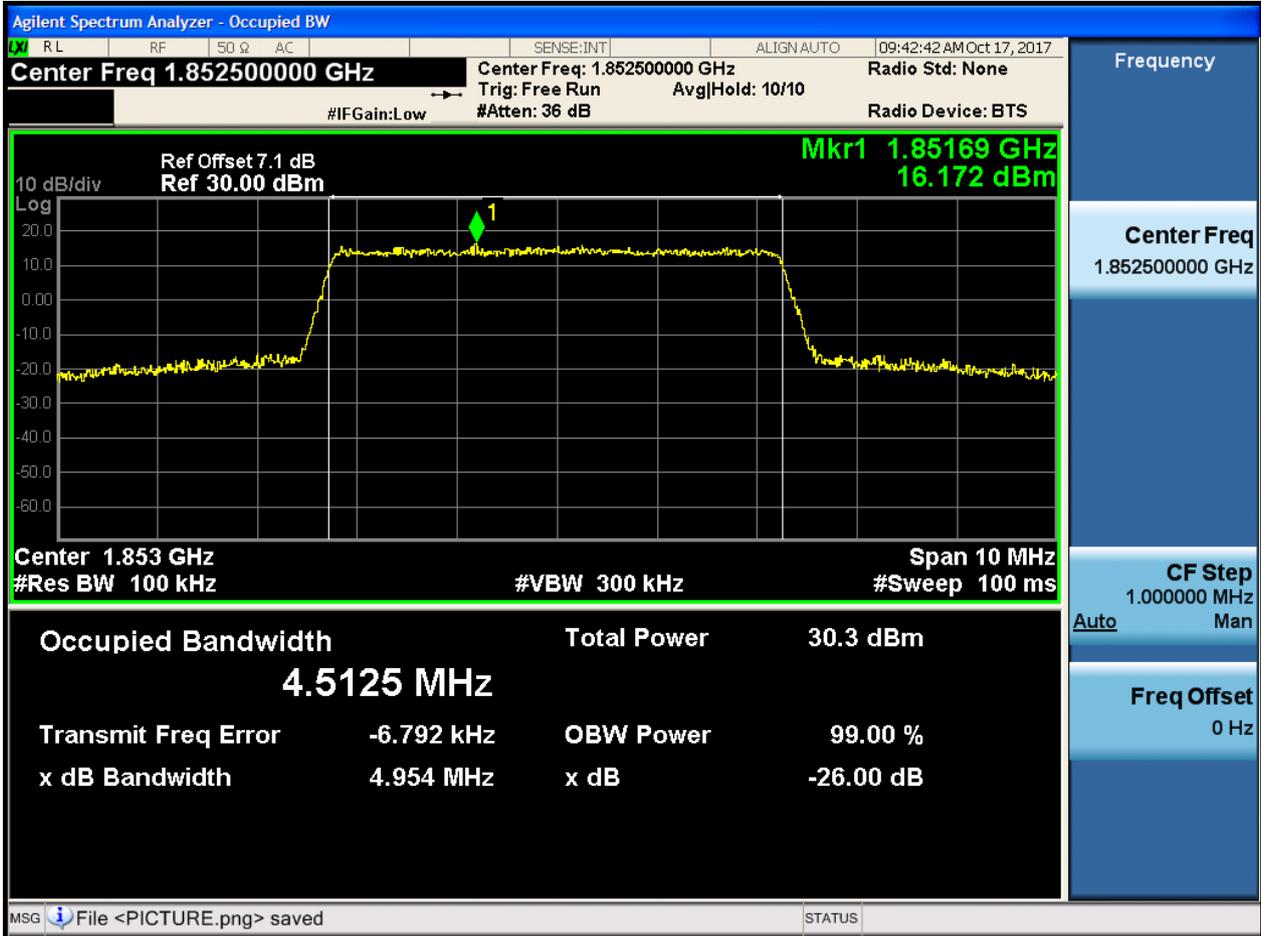




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

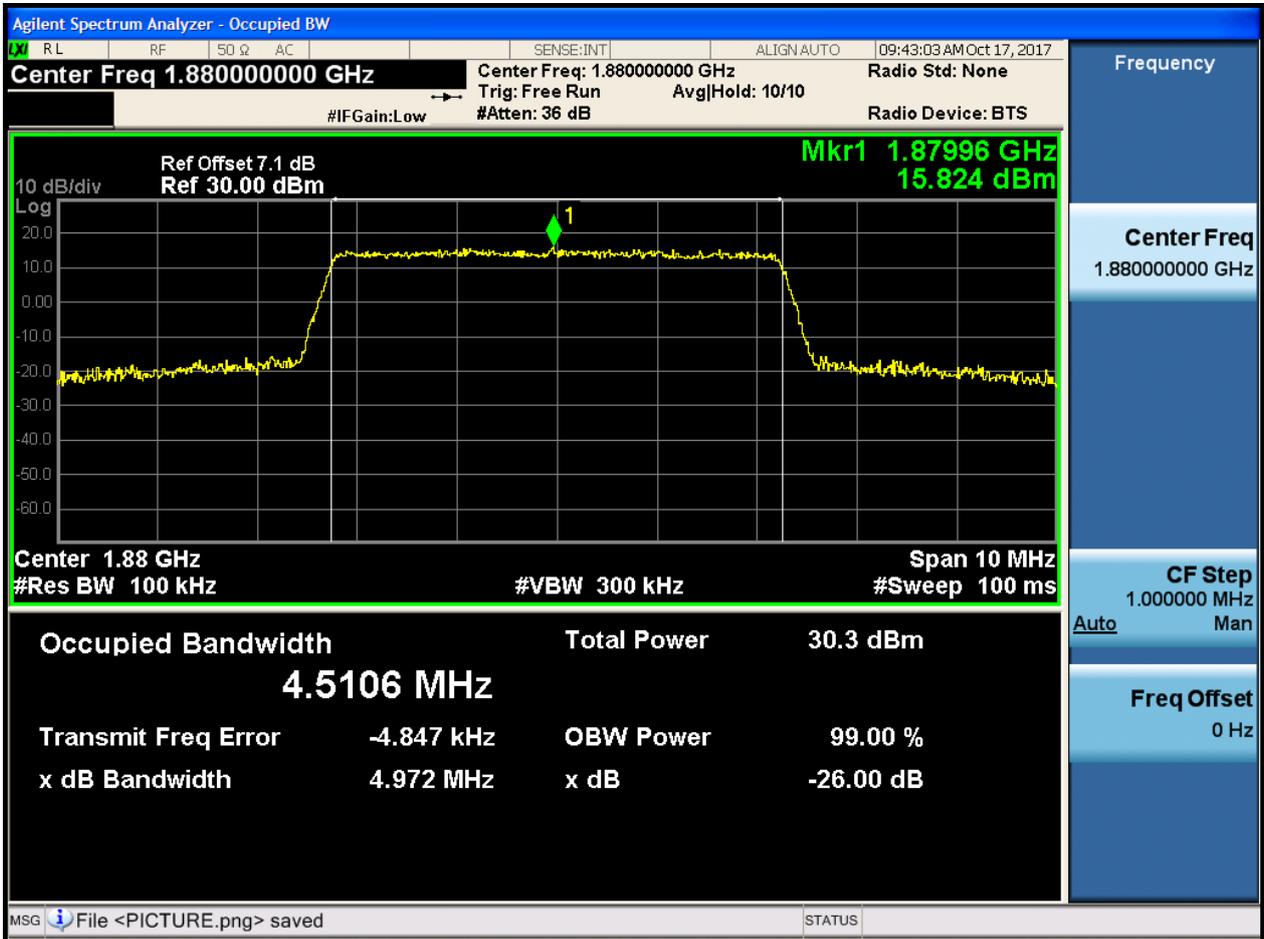
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

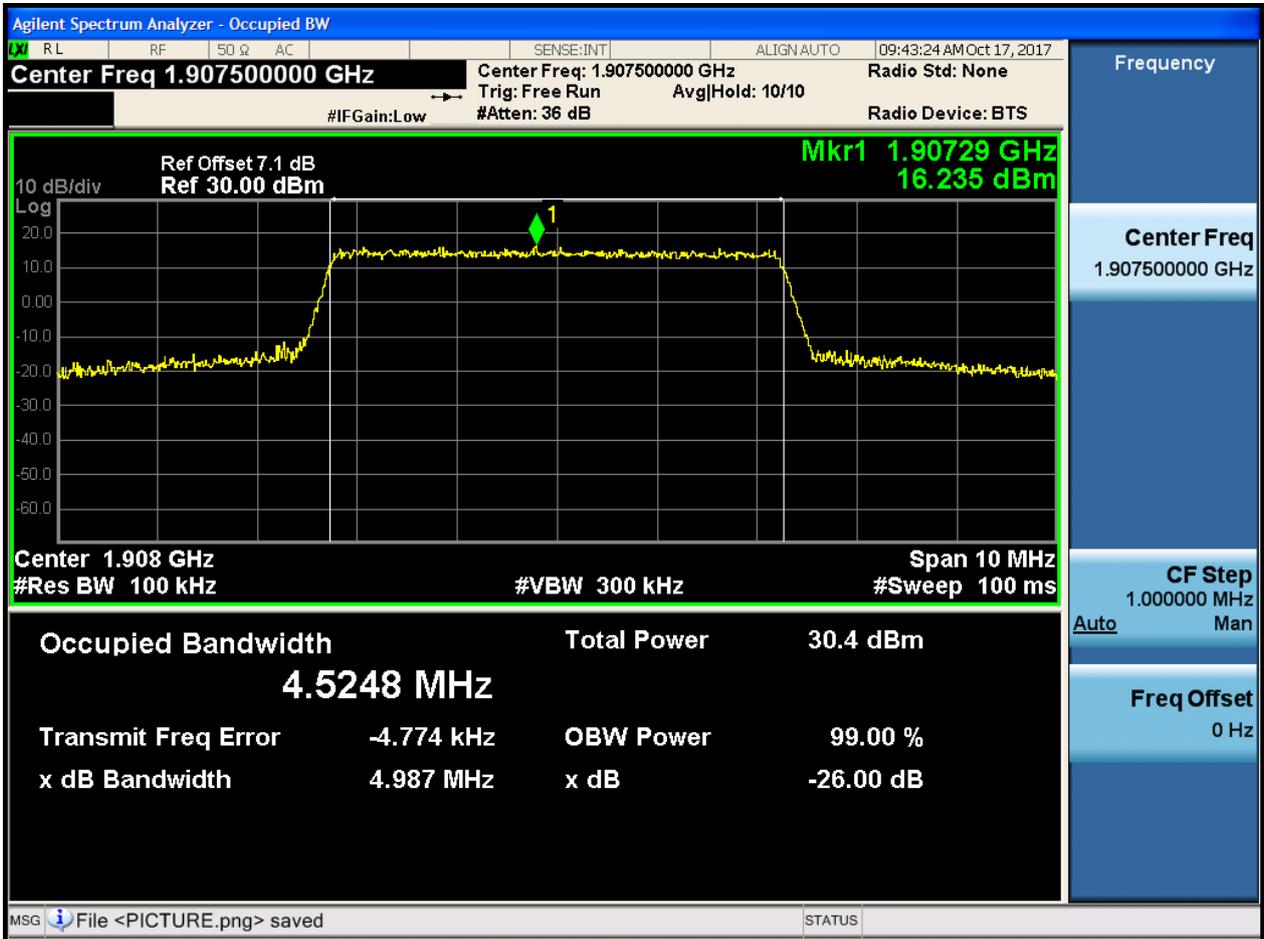
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

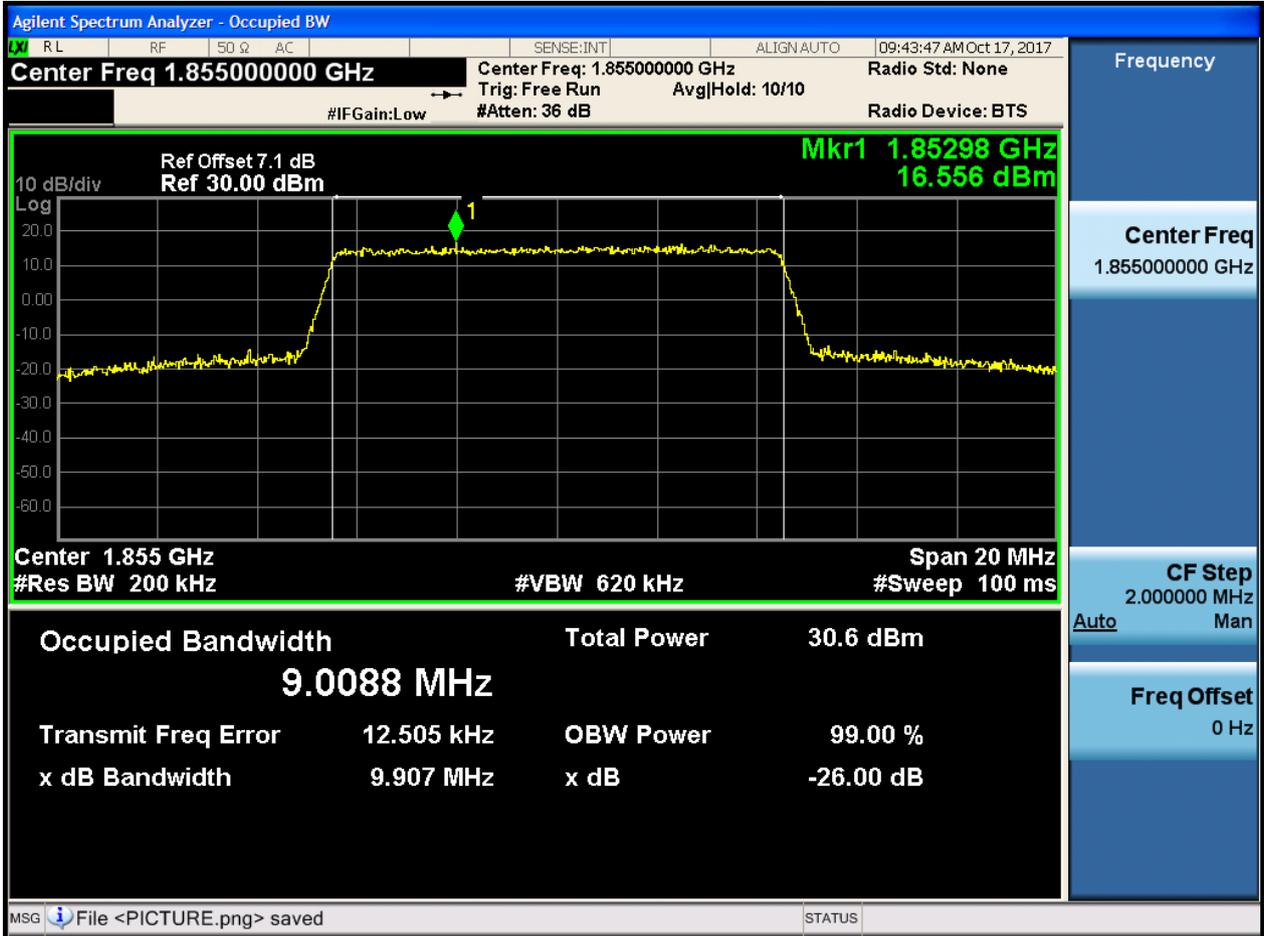




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

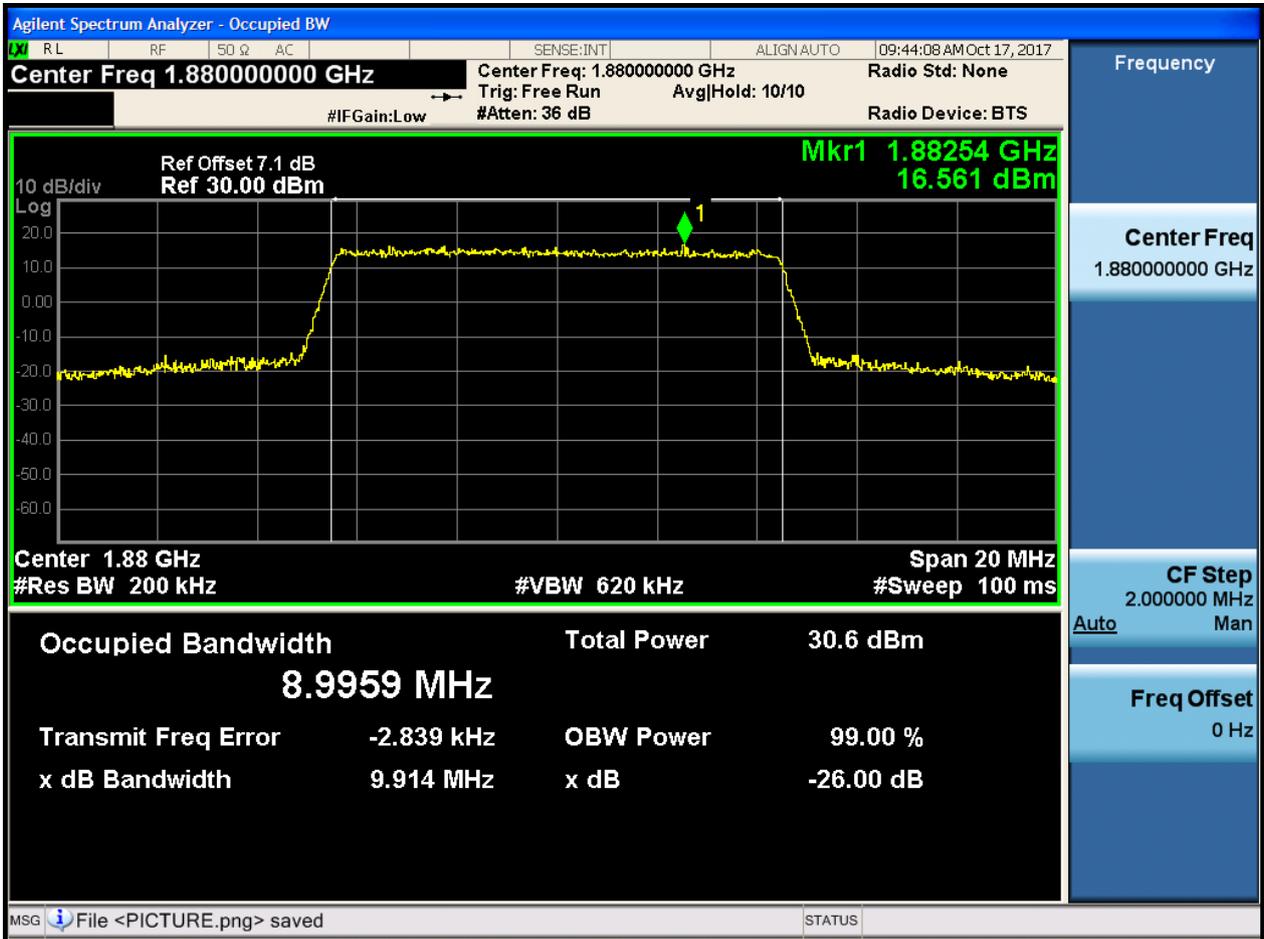
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

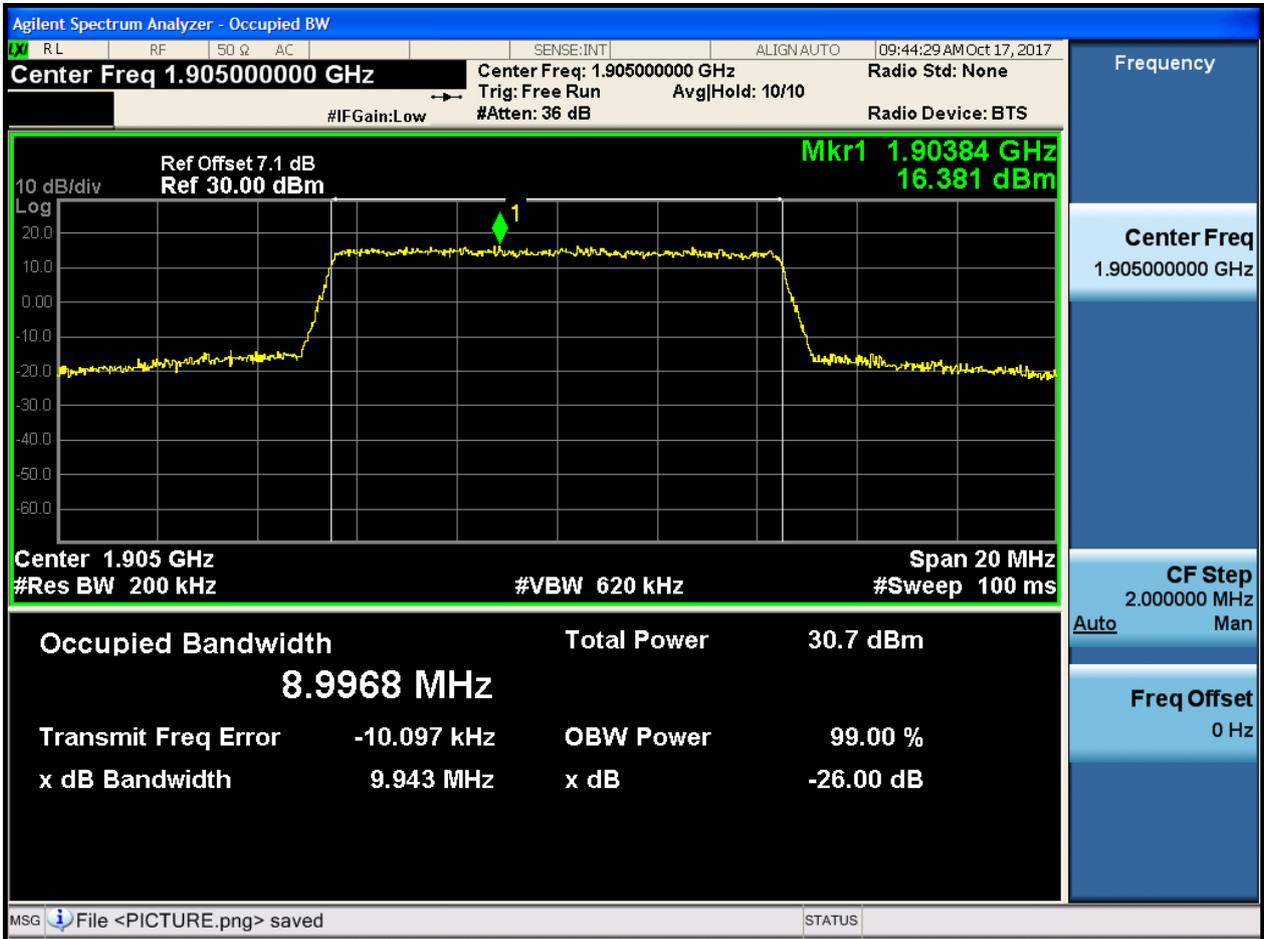
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

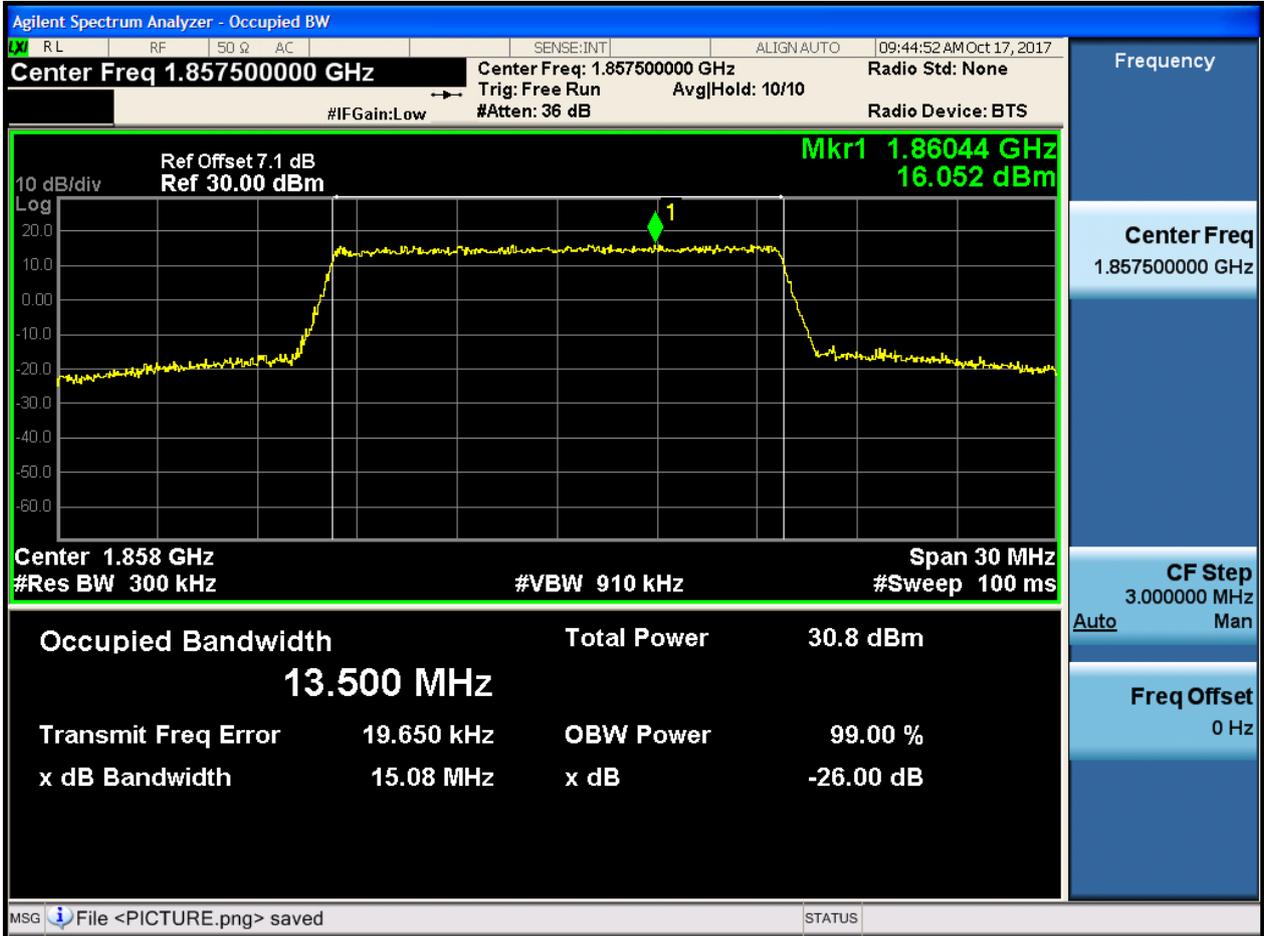




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

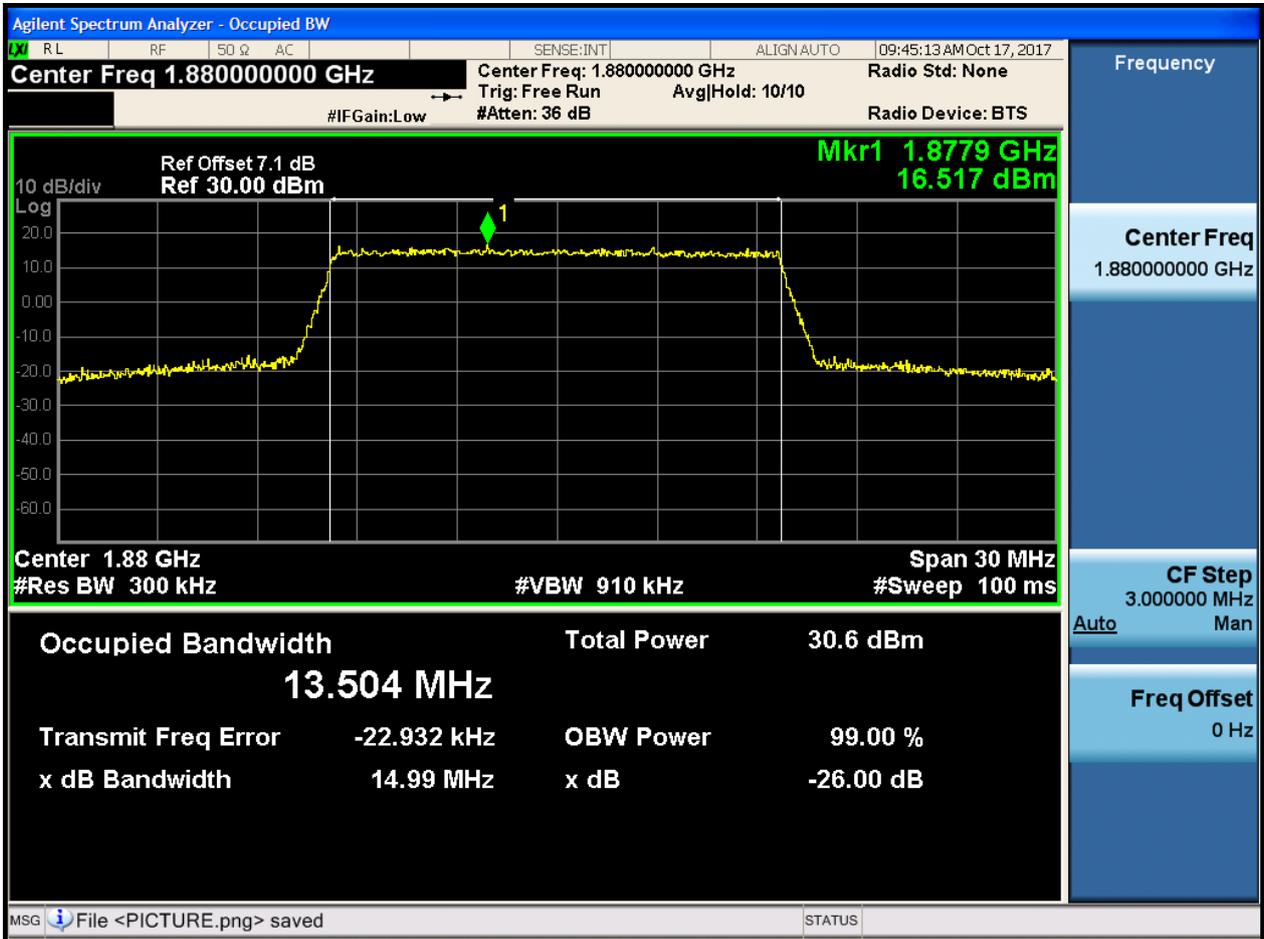
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

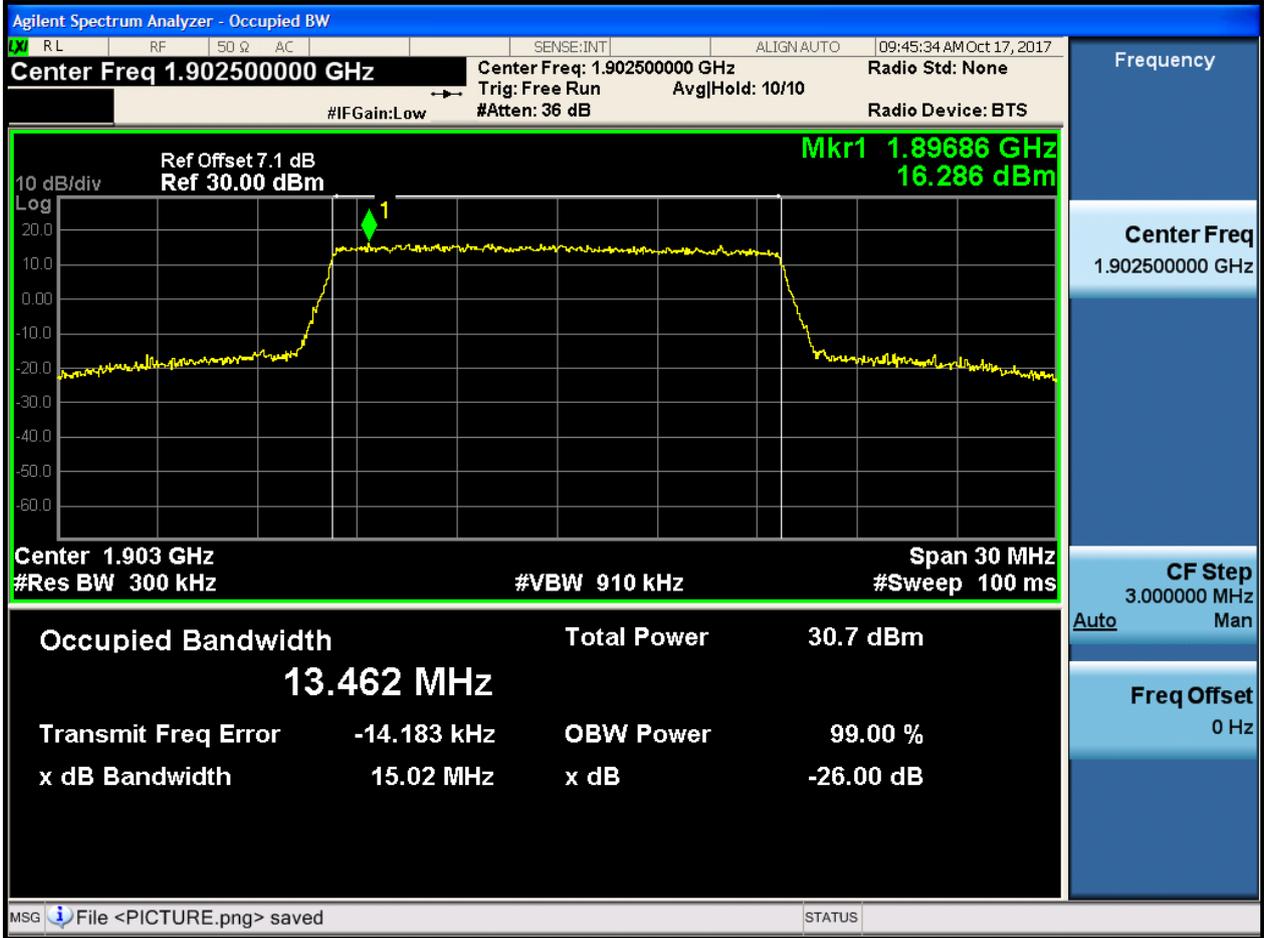
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

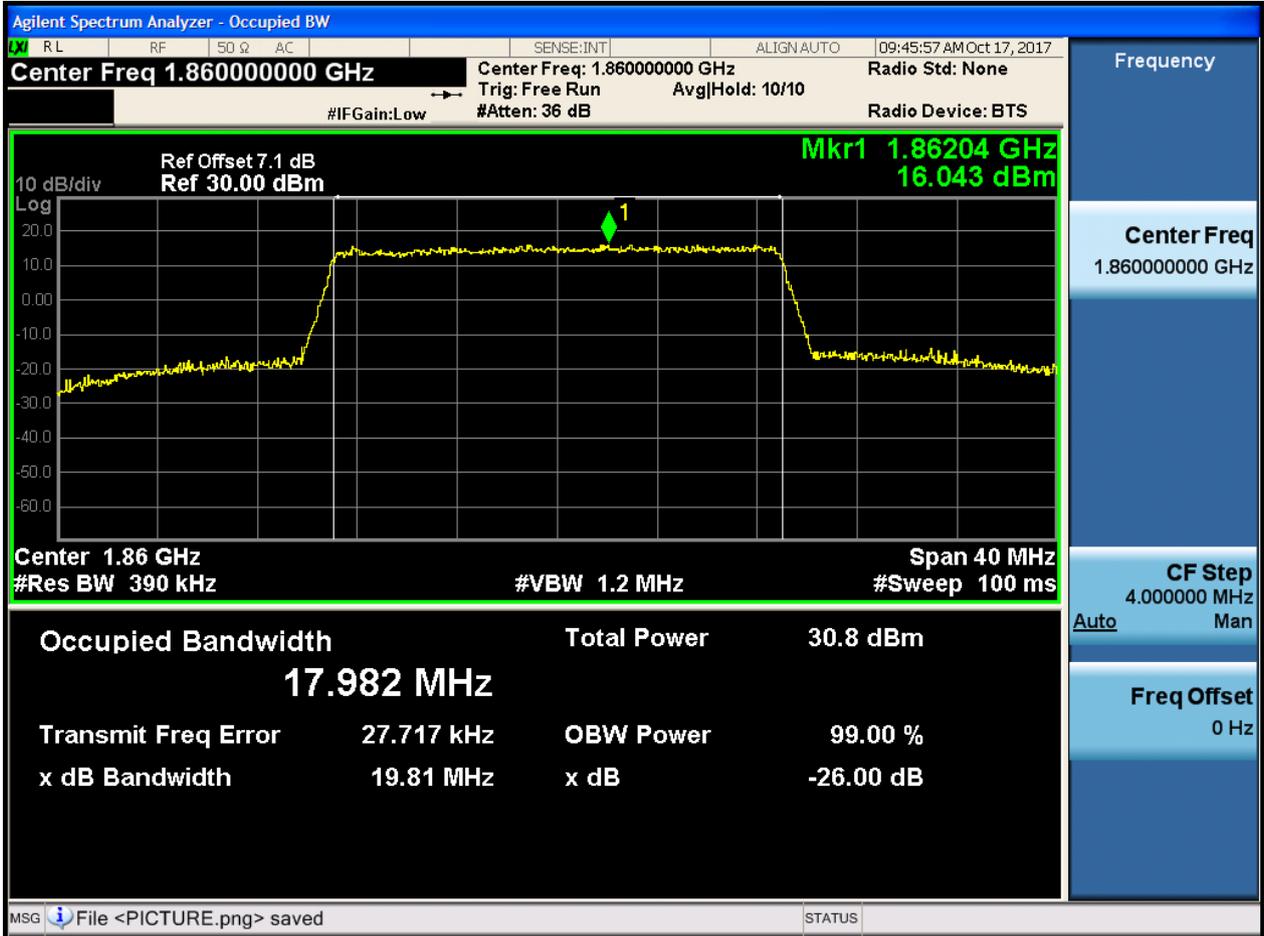




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

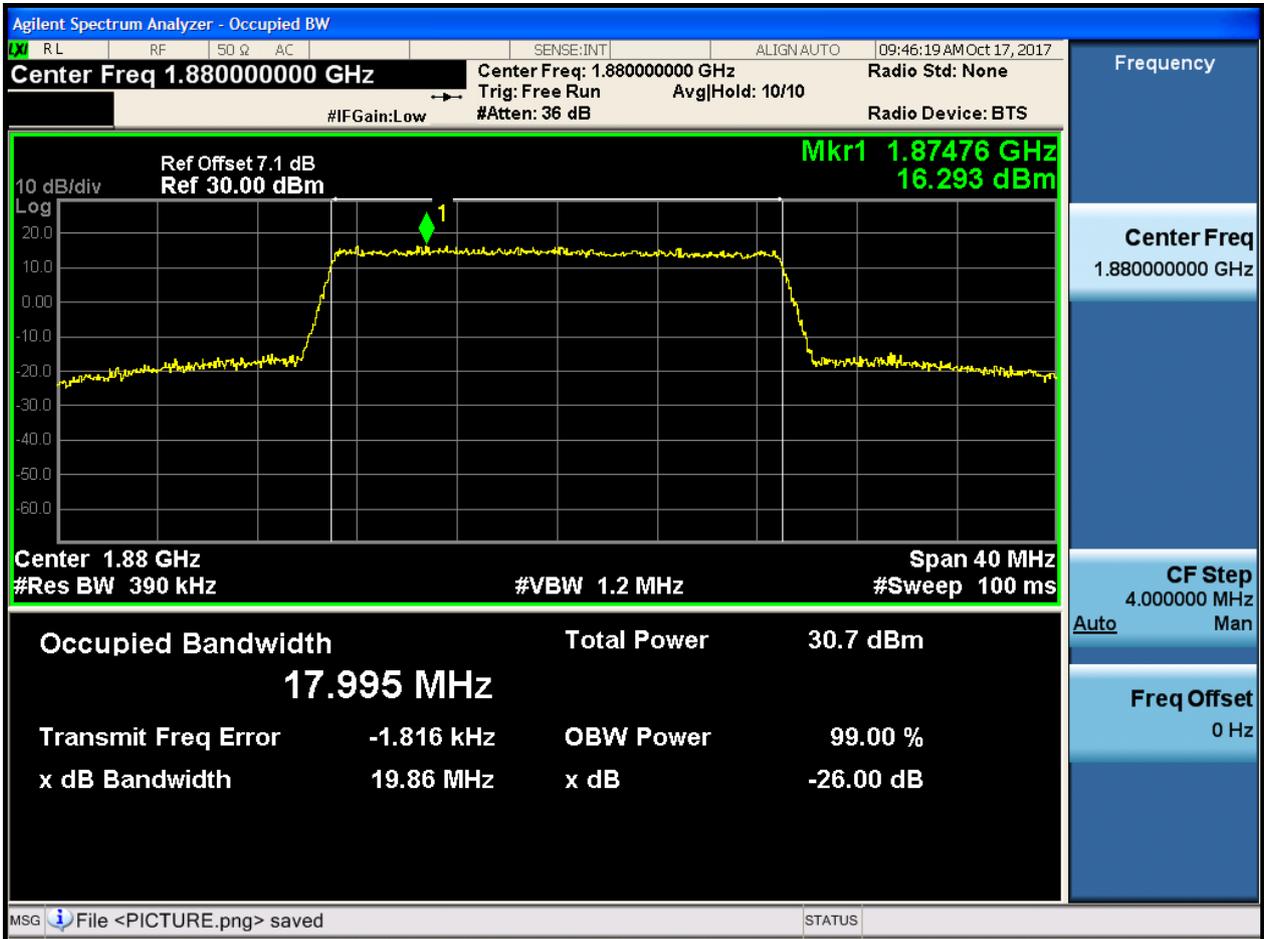
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

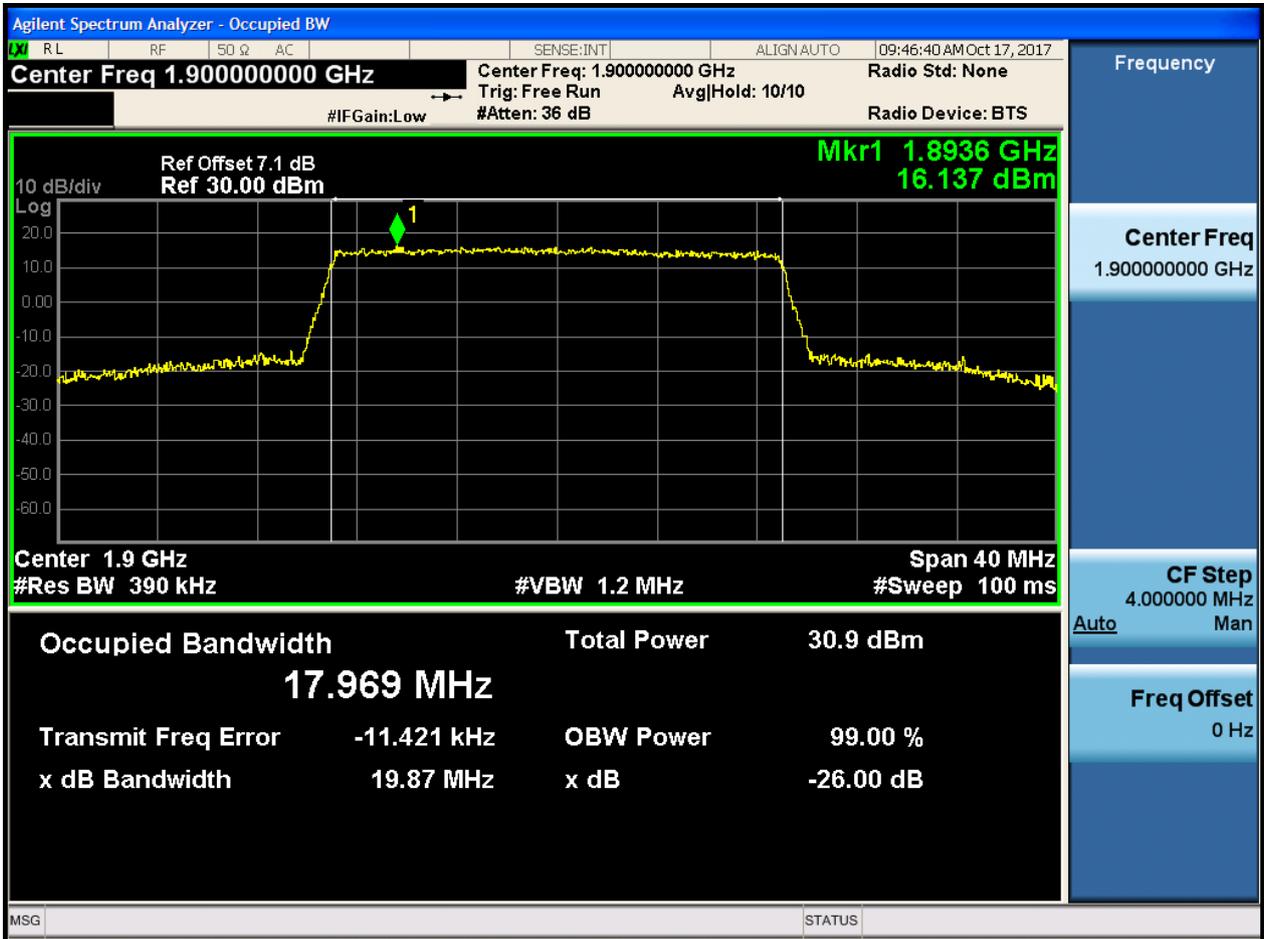
4.1.1.2.6.2.1 Test RB = RB100#0





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

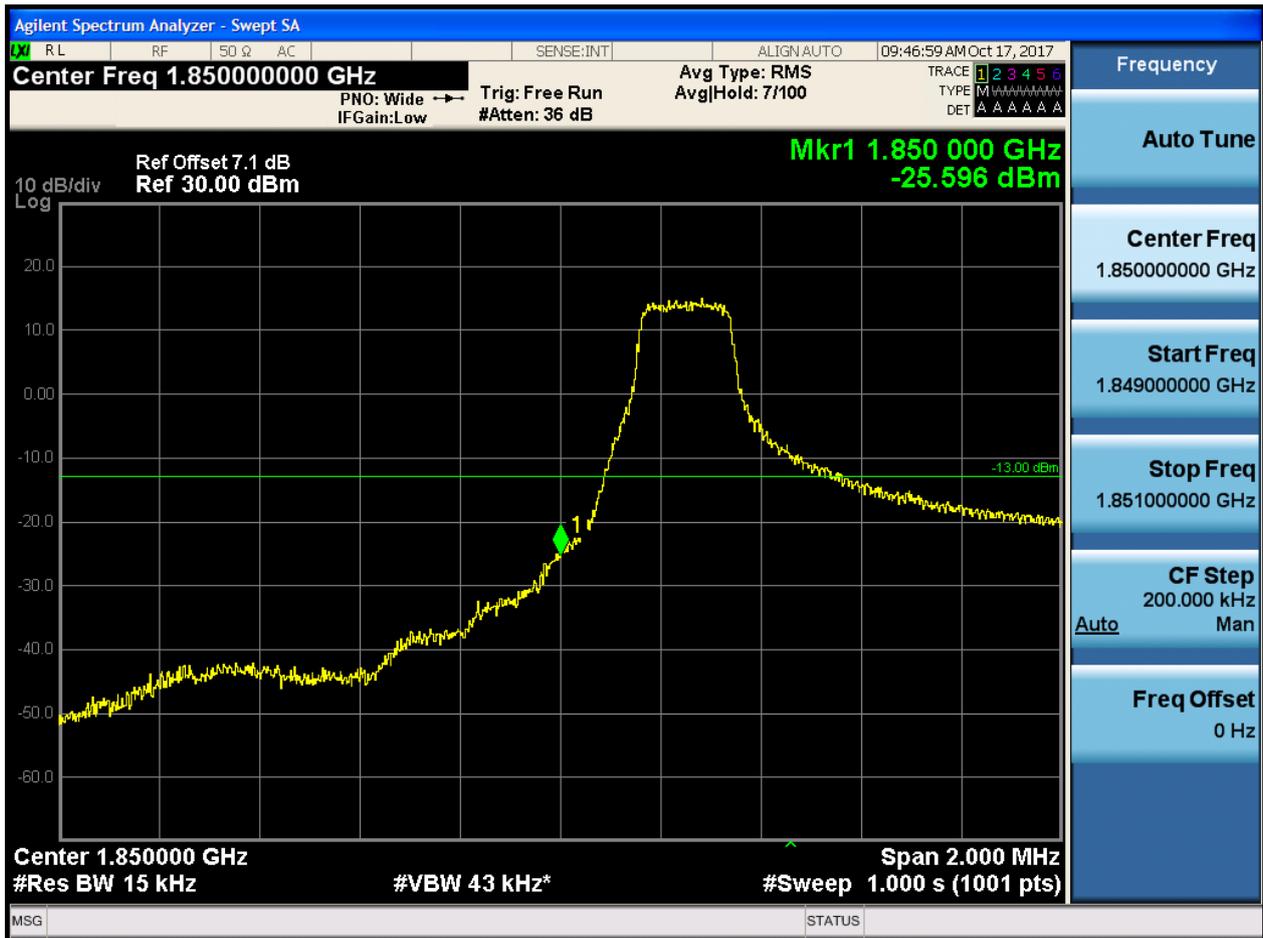
5.1.1 Test Band = BAND2

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

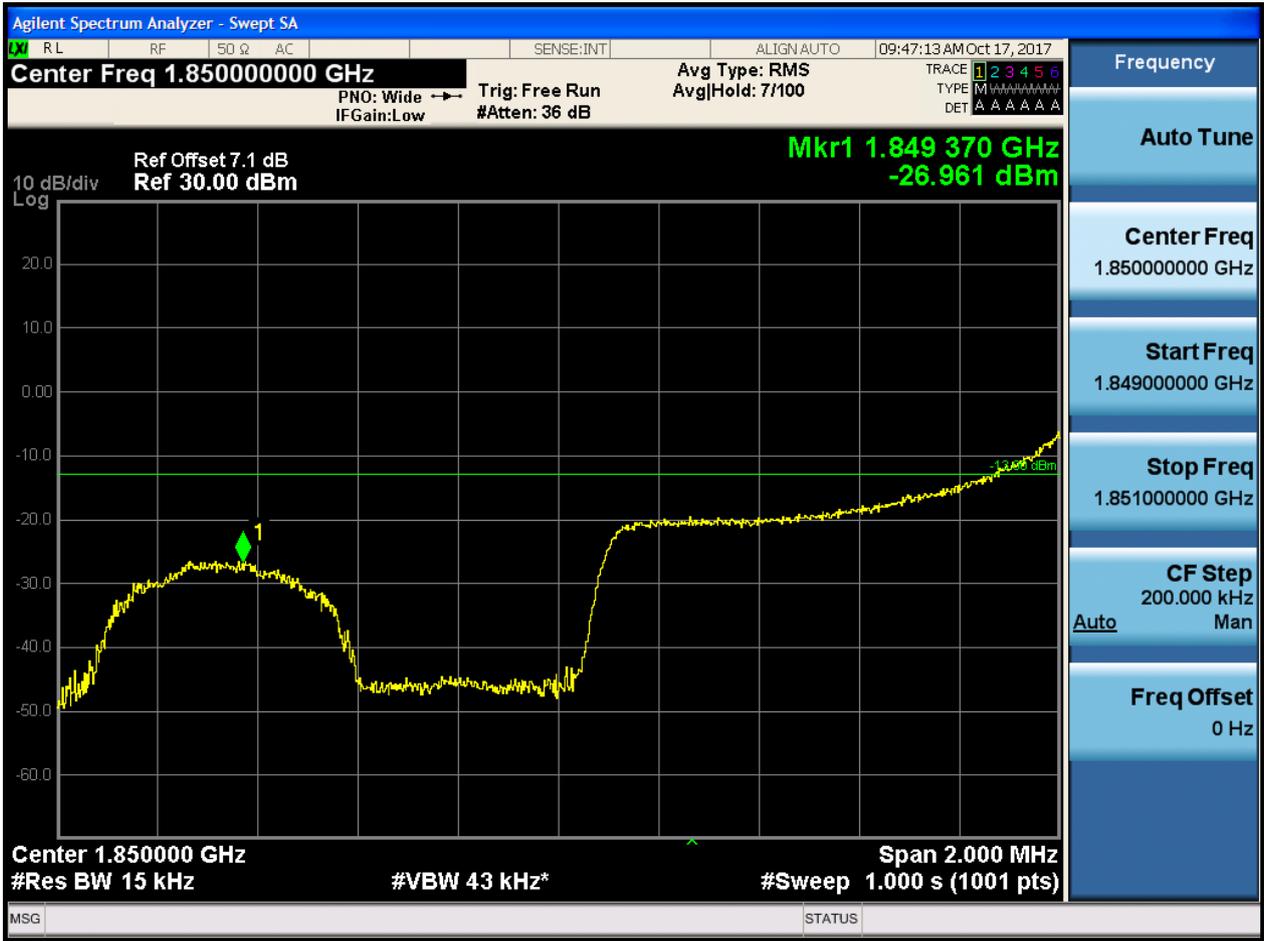
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



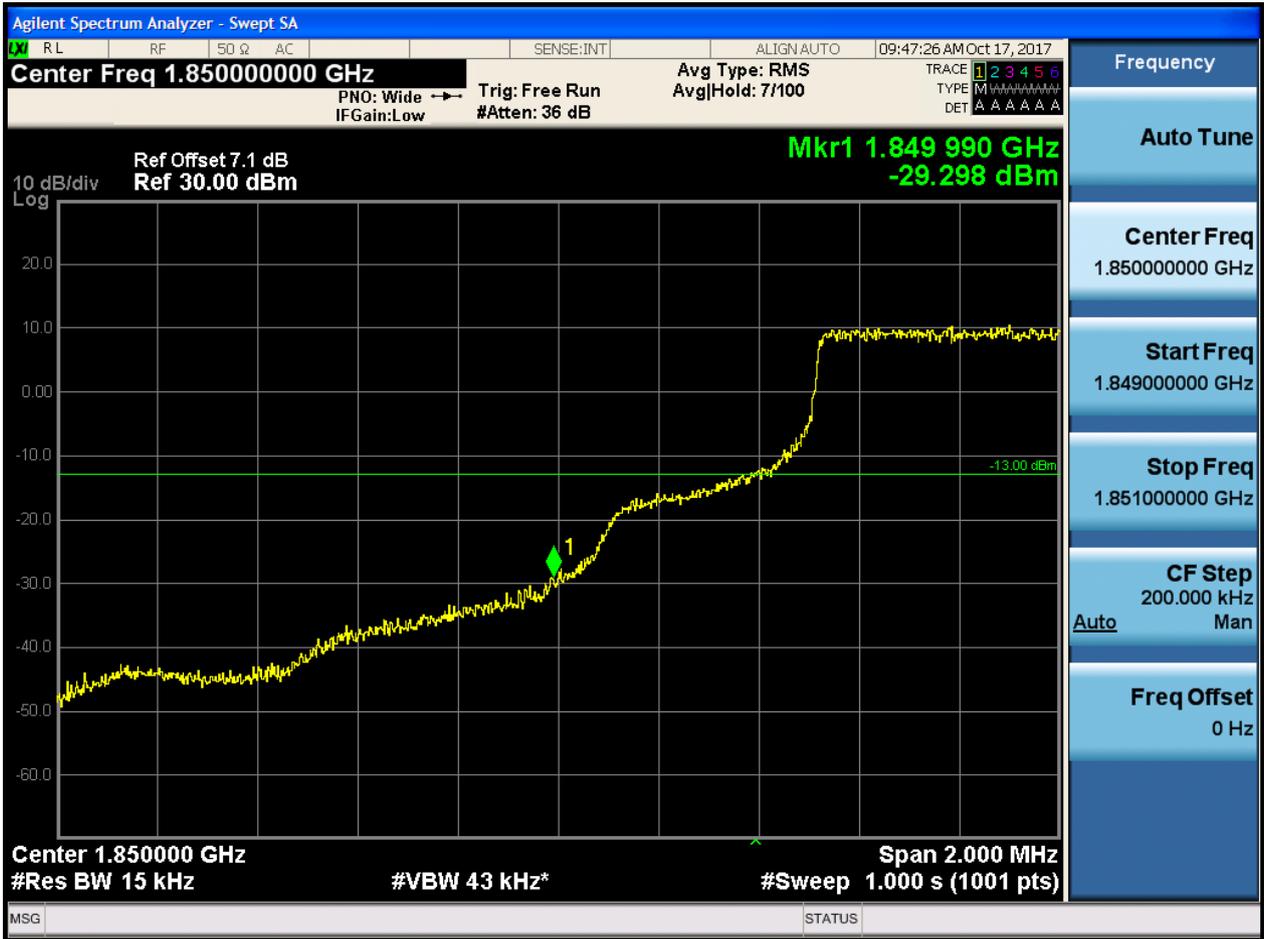


5.1.1.1.1.2 Test RB = RB1#5





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



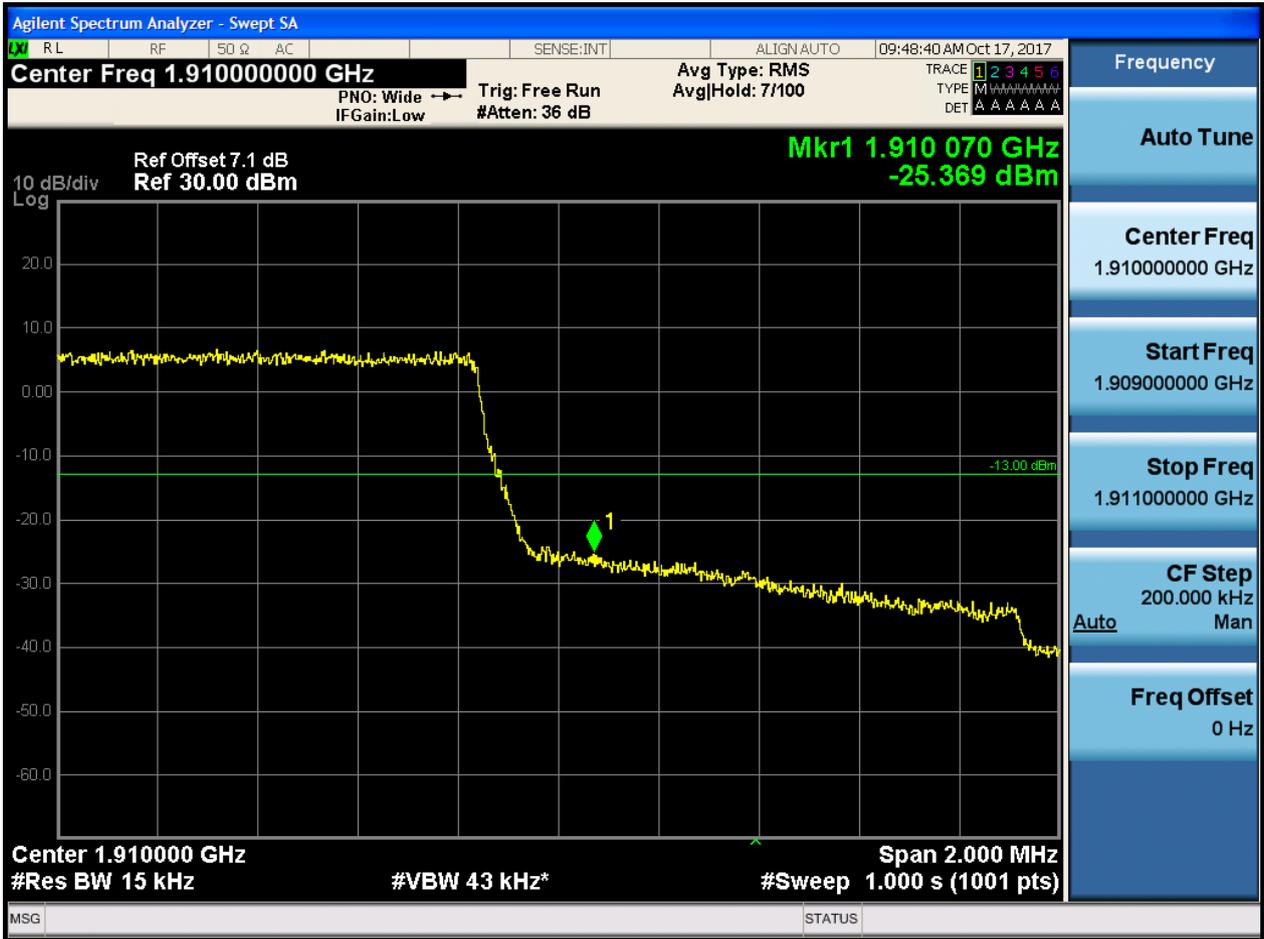


5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

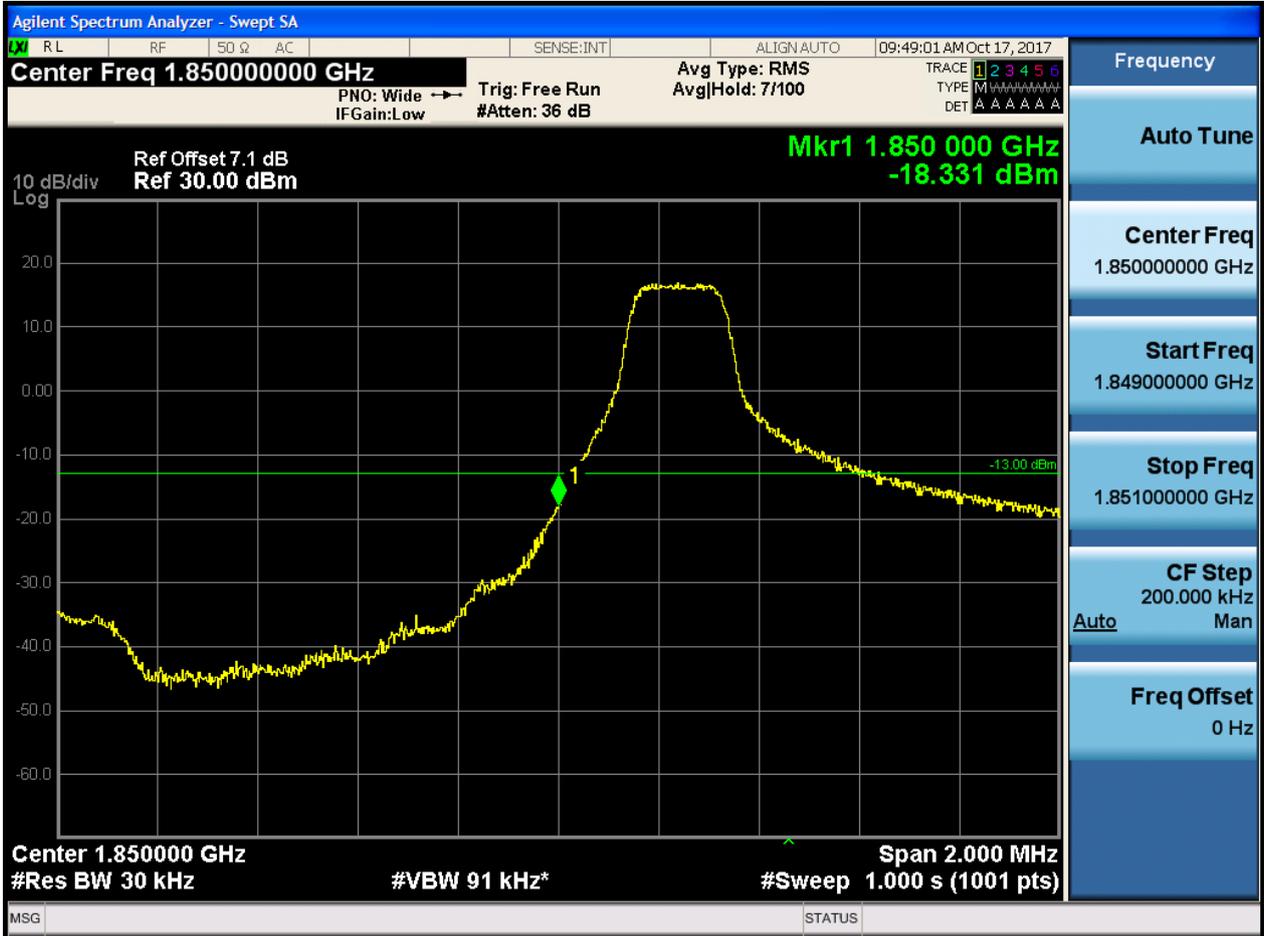




5.1.1.1.2 Test Bandwidth = 3

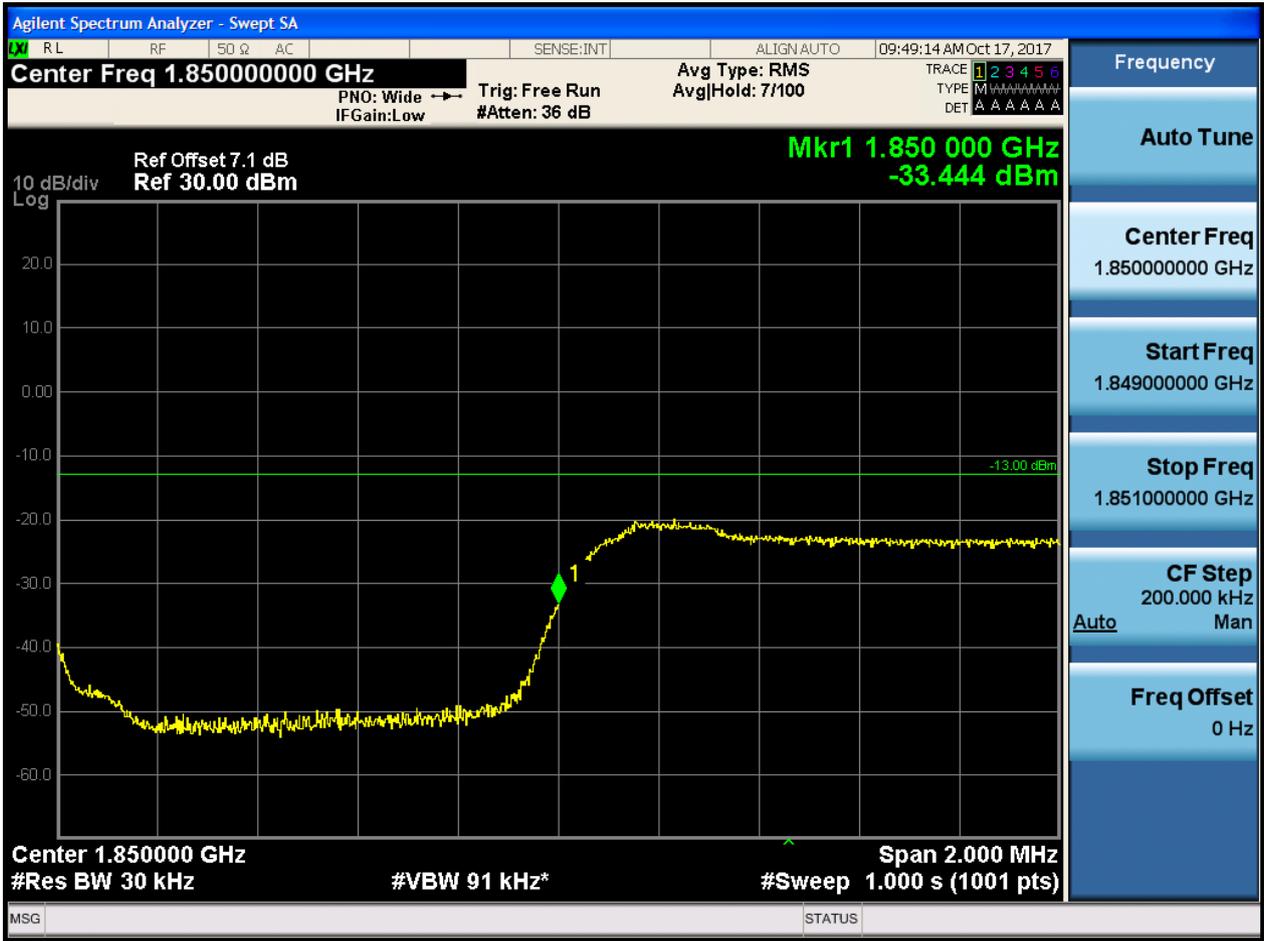
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



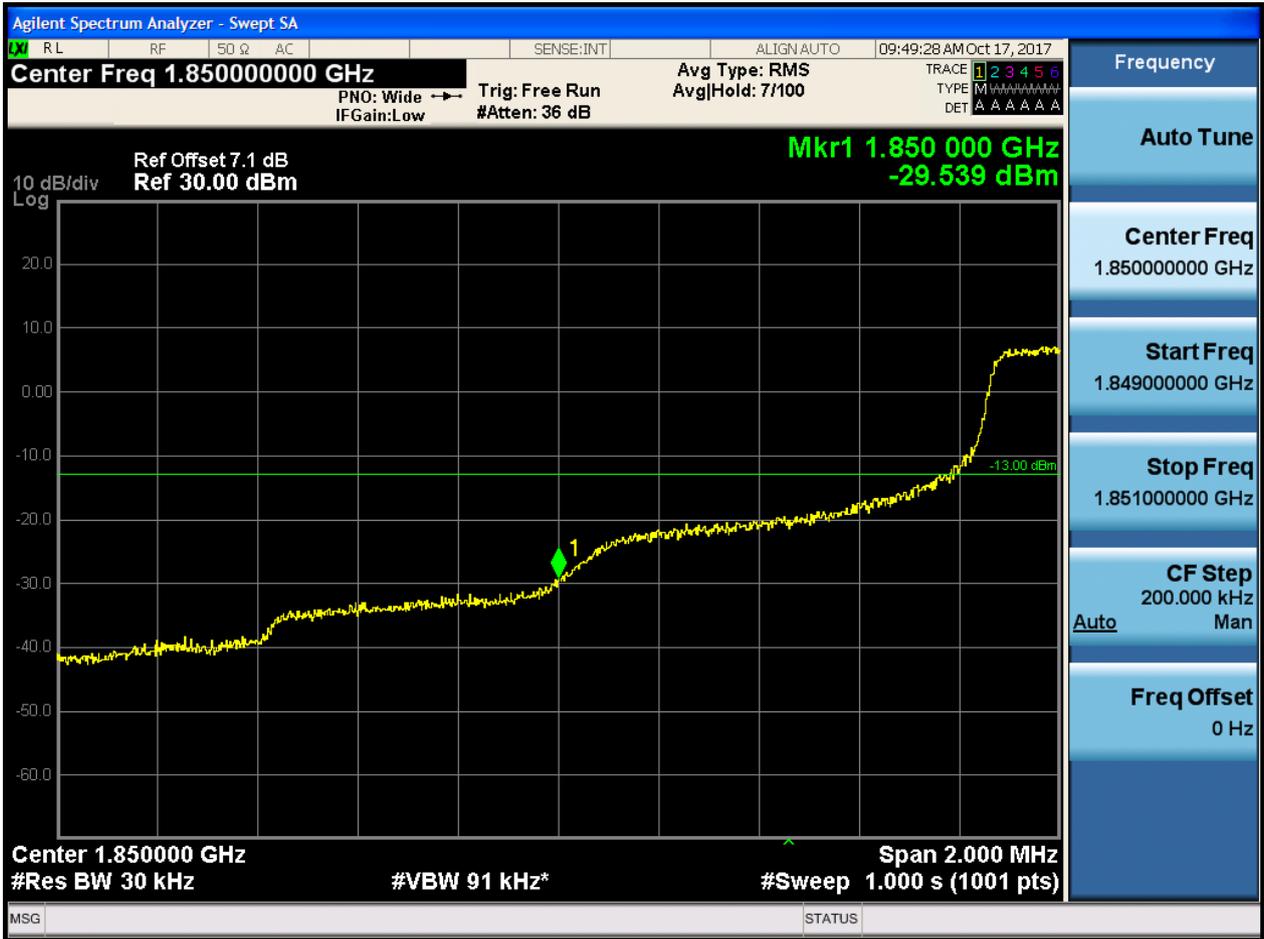


5.1.1.1.2.1.2 Test RB = RB1#14



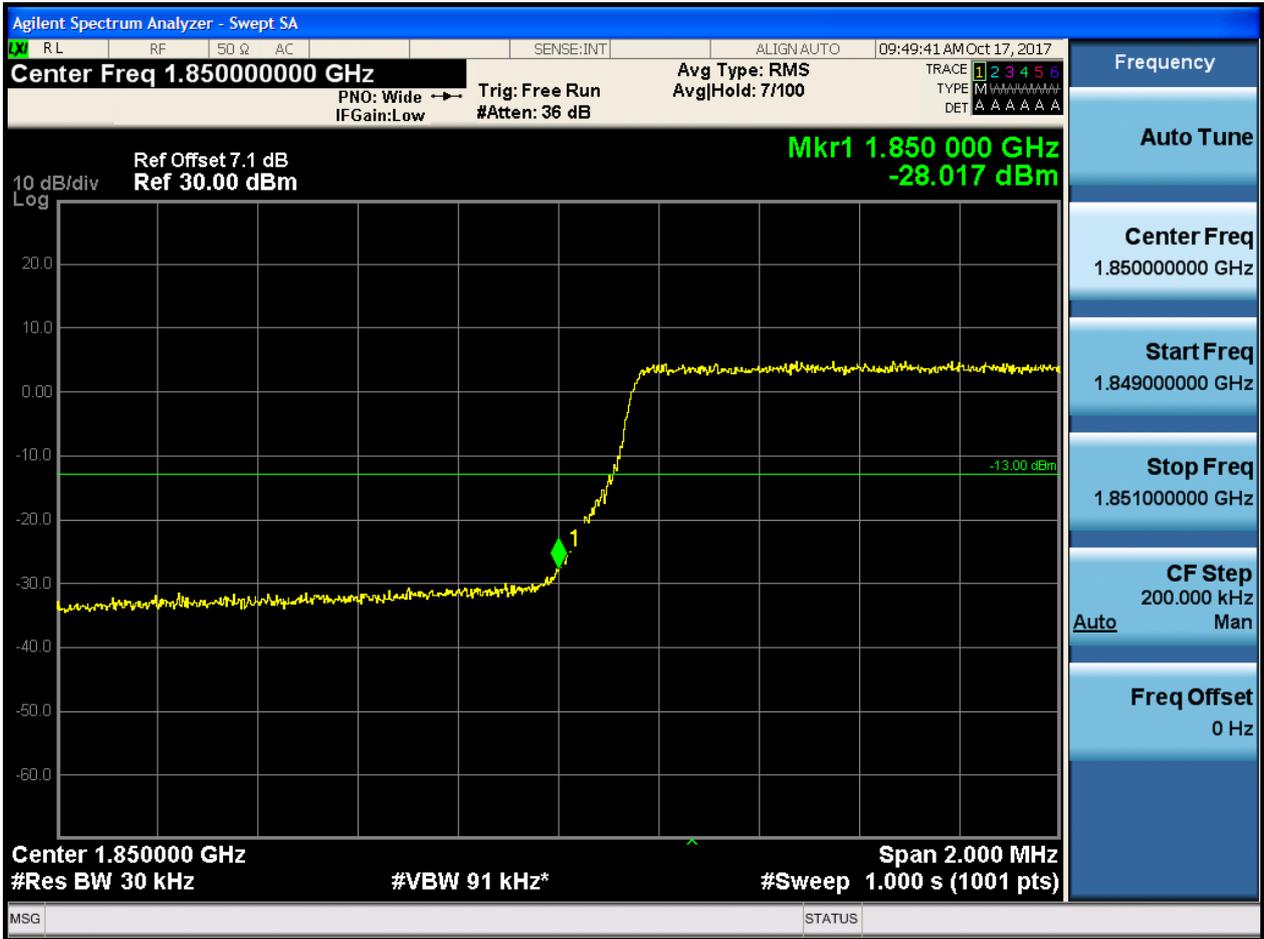


5.1.1.1.2.1.3 Test RB = RB8#4





5.1.1.1.2.1.4 Test RB = RB15#0





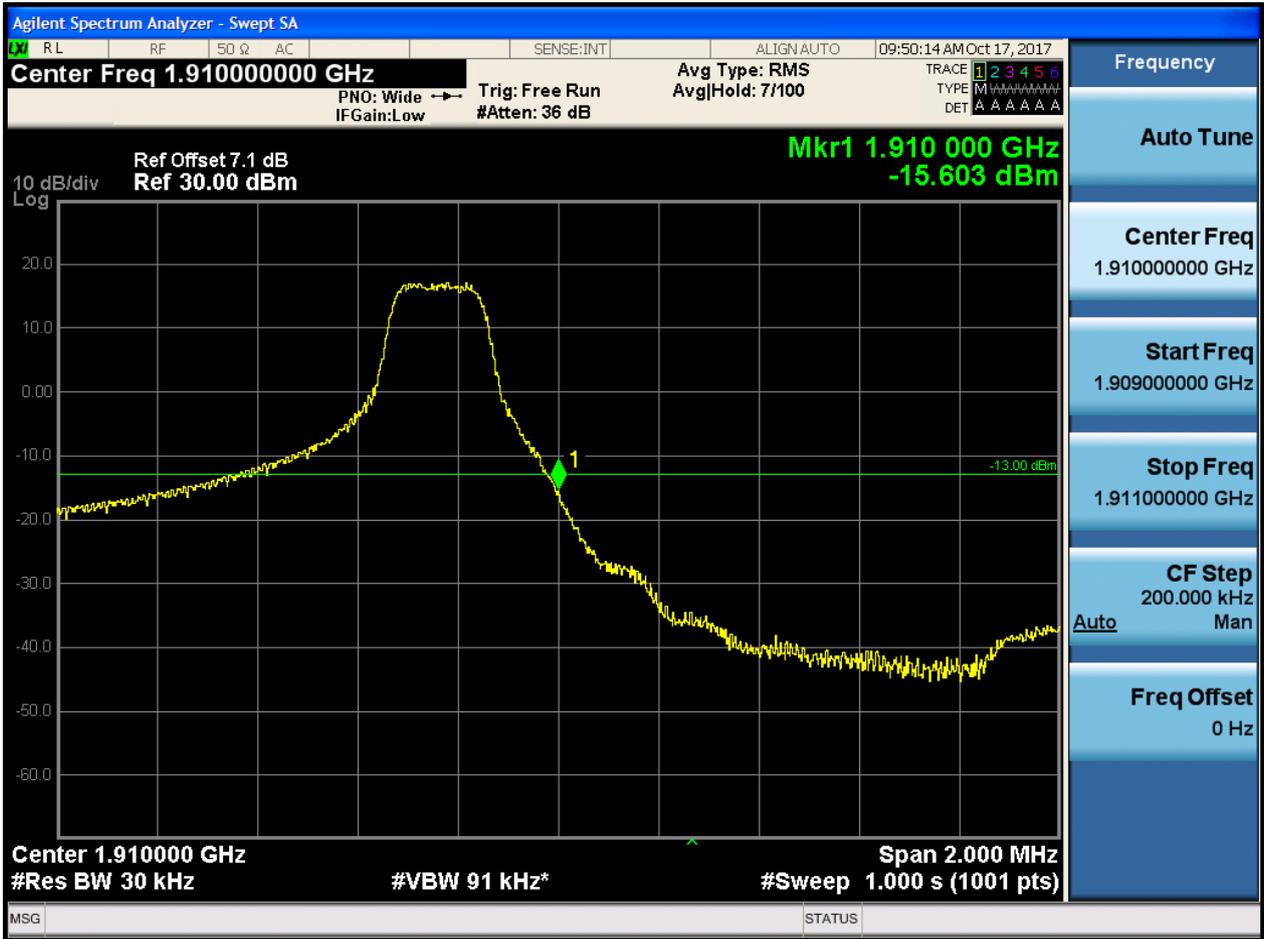
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0





5.1.1.1.3 Test Bandwidth = 5

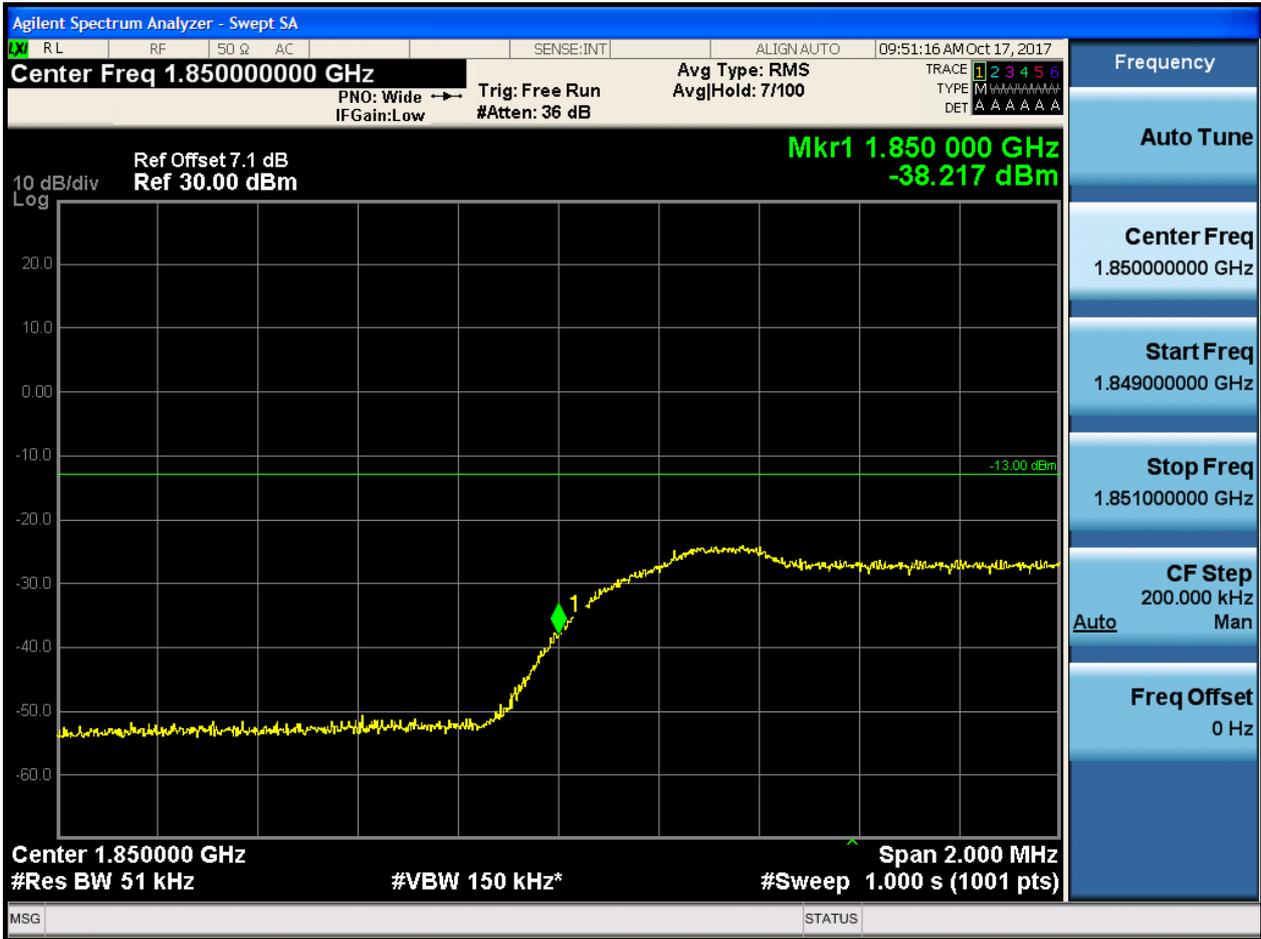
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



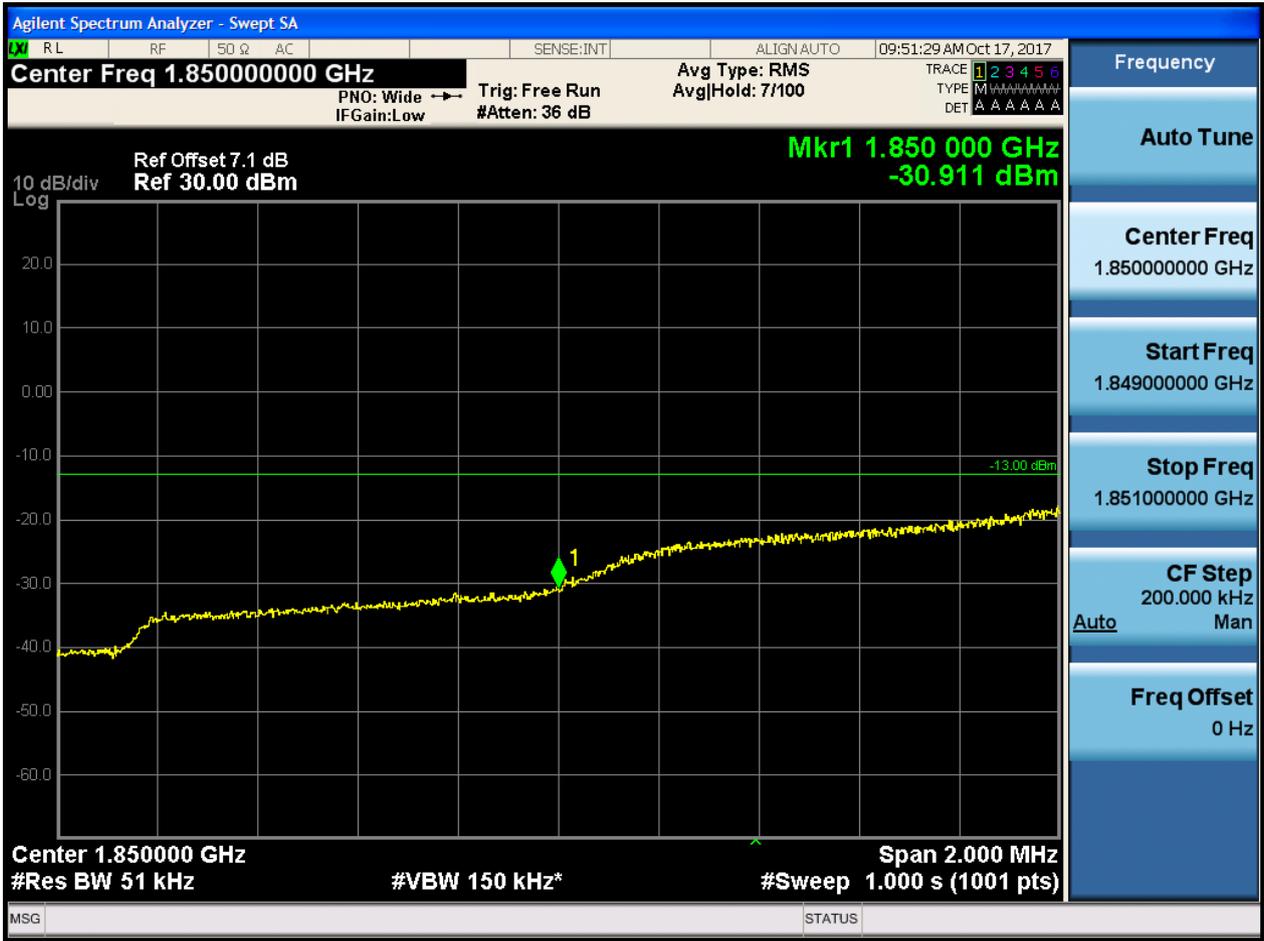


5.1.1.1.3.1.2 Test RB = RB1#24



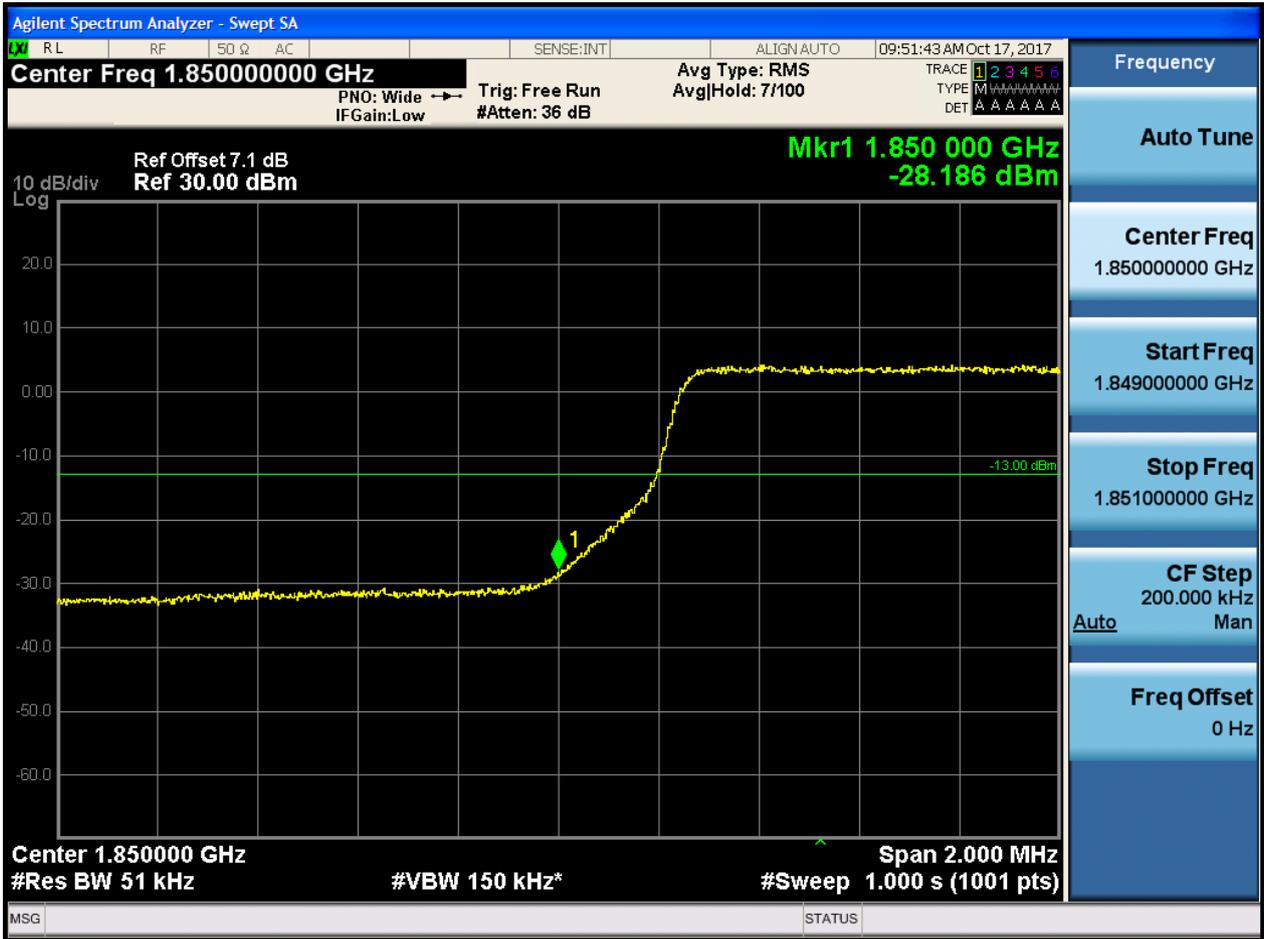


5.1.1.1.3.1.3 Test RB = RB12#6





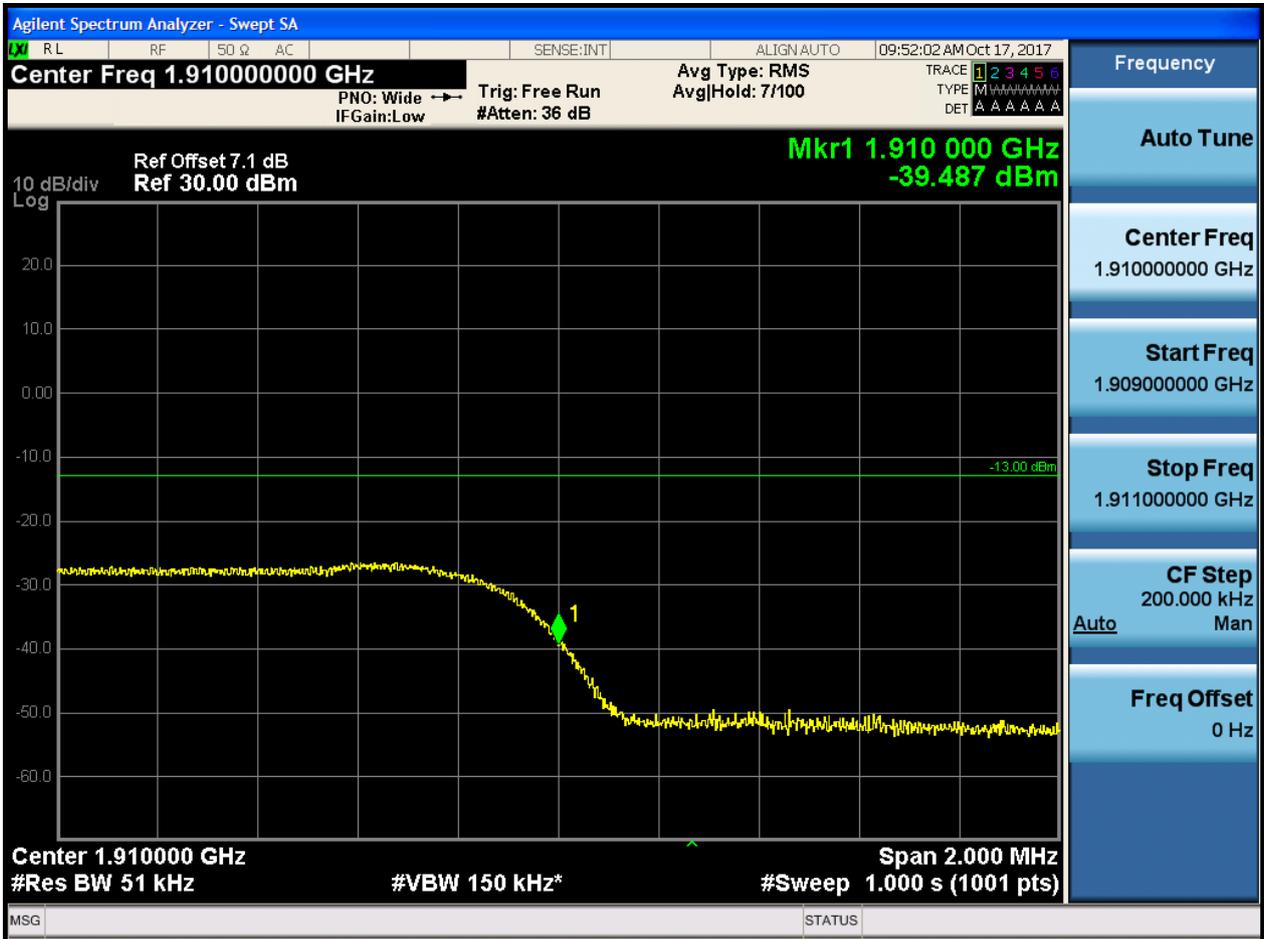
5.1.1.1.3.1.4 Test RB = RB25#0





5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24



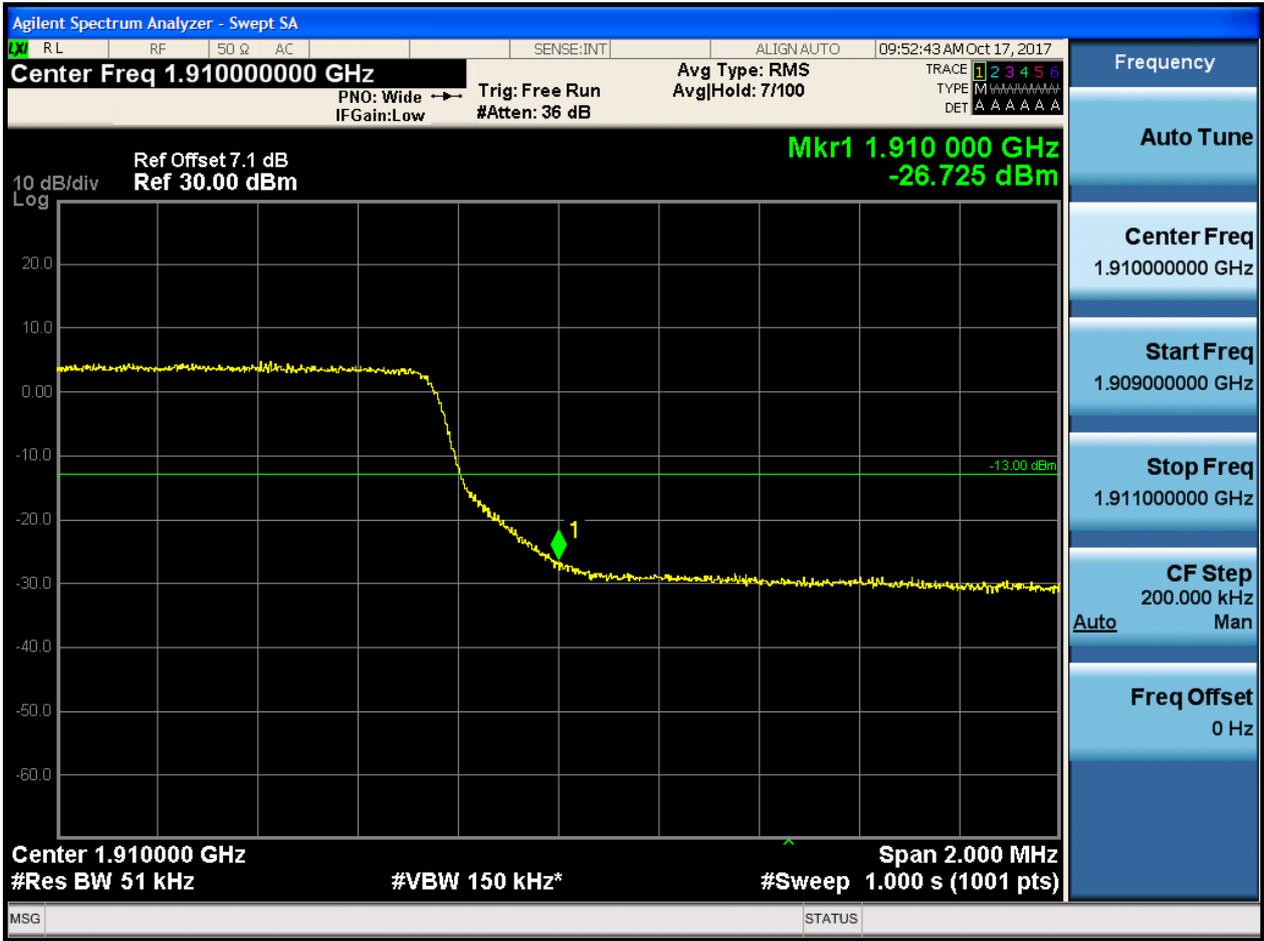


5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

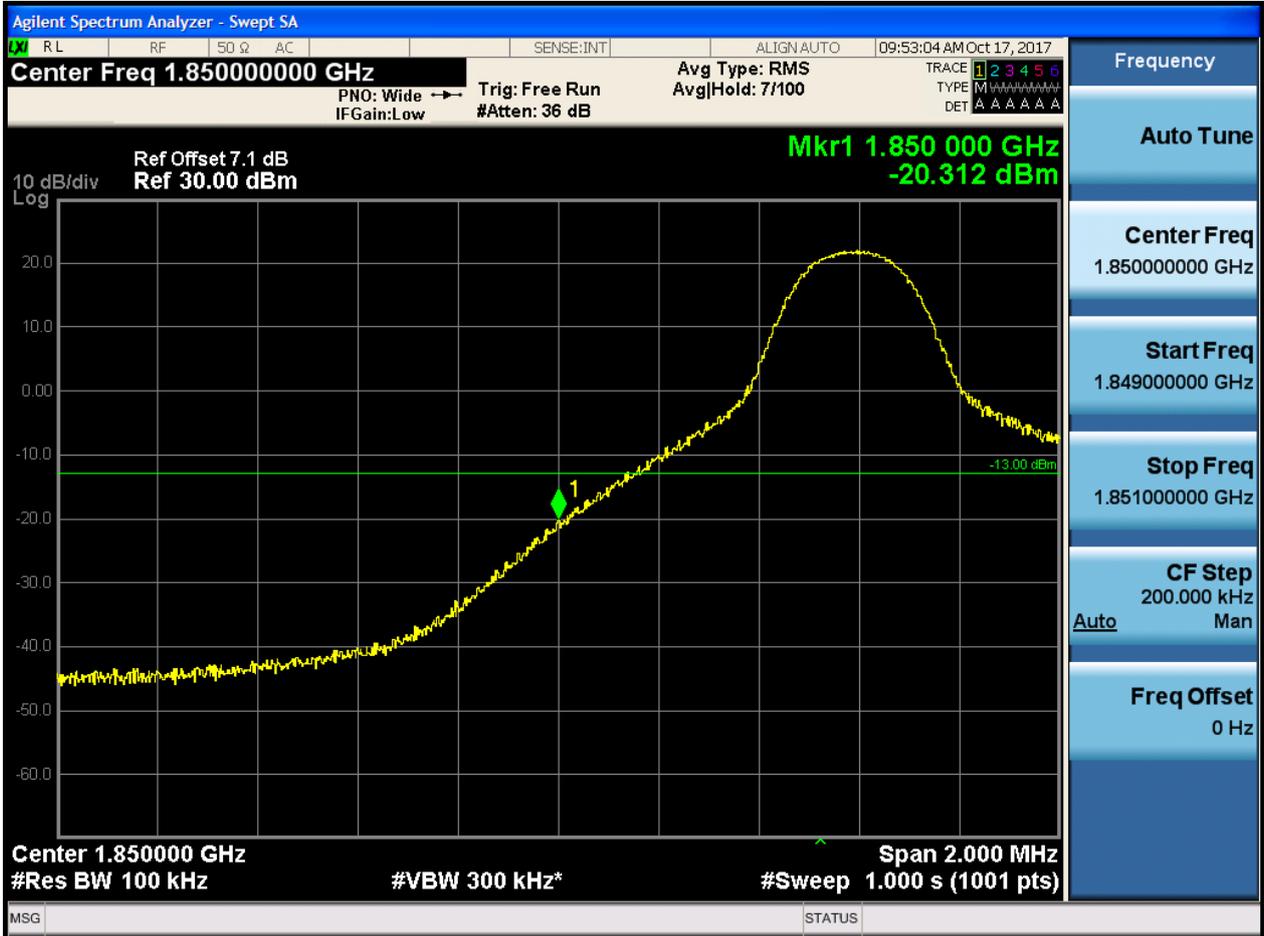




5.1.1.1.4 Test Bandwidth = 10

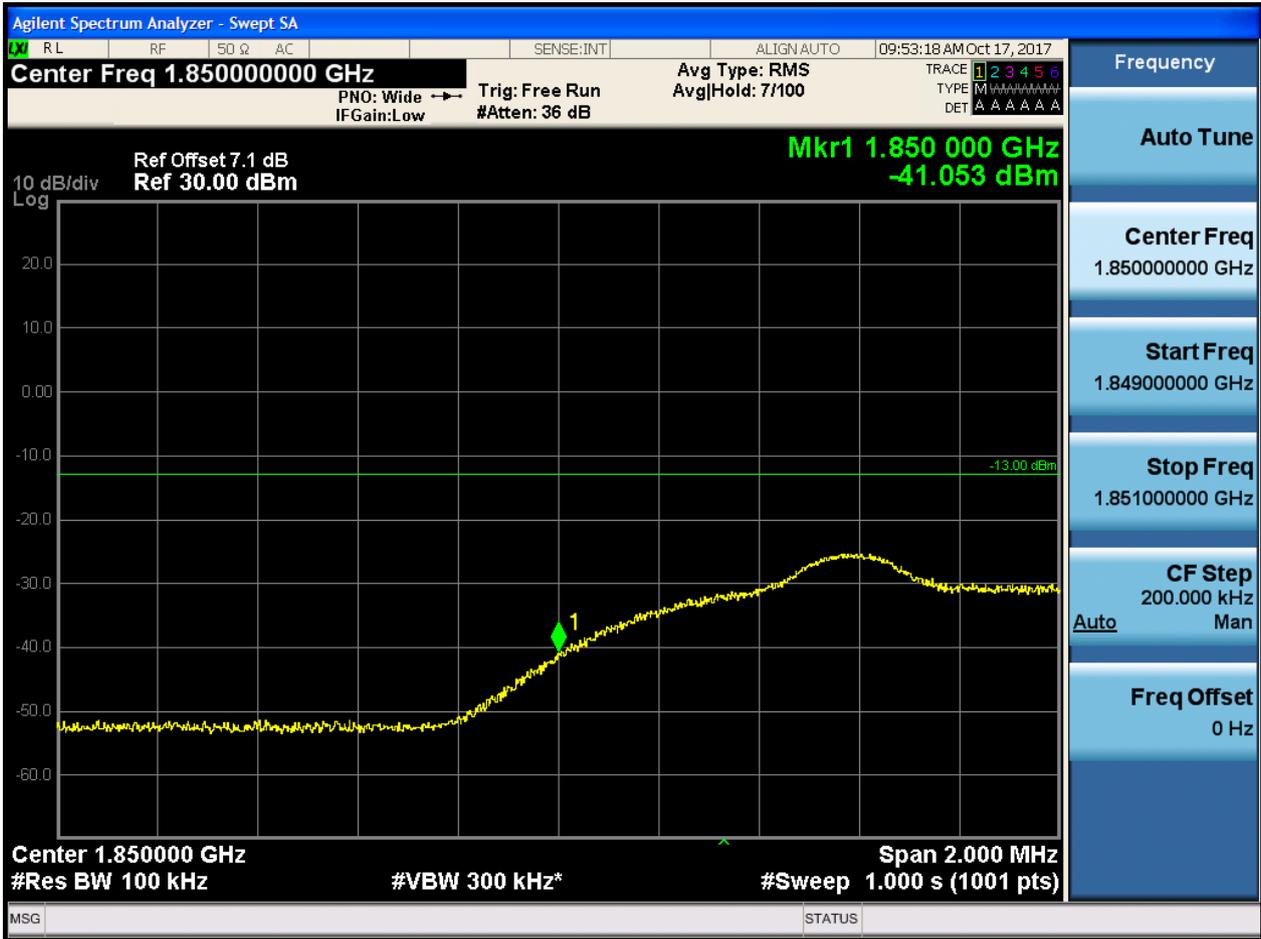
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



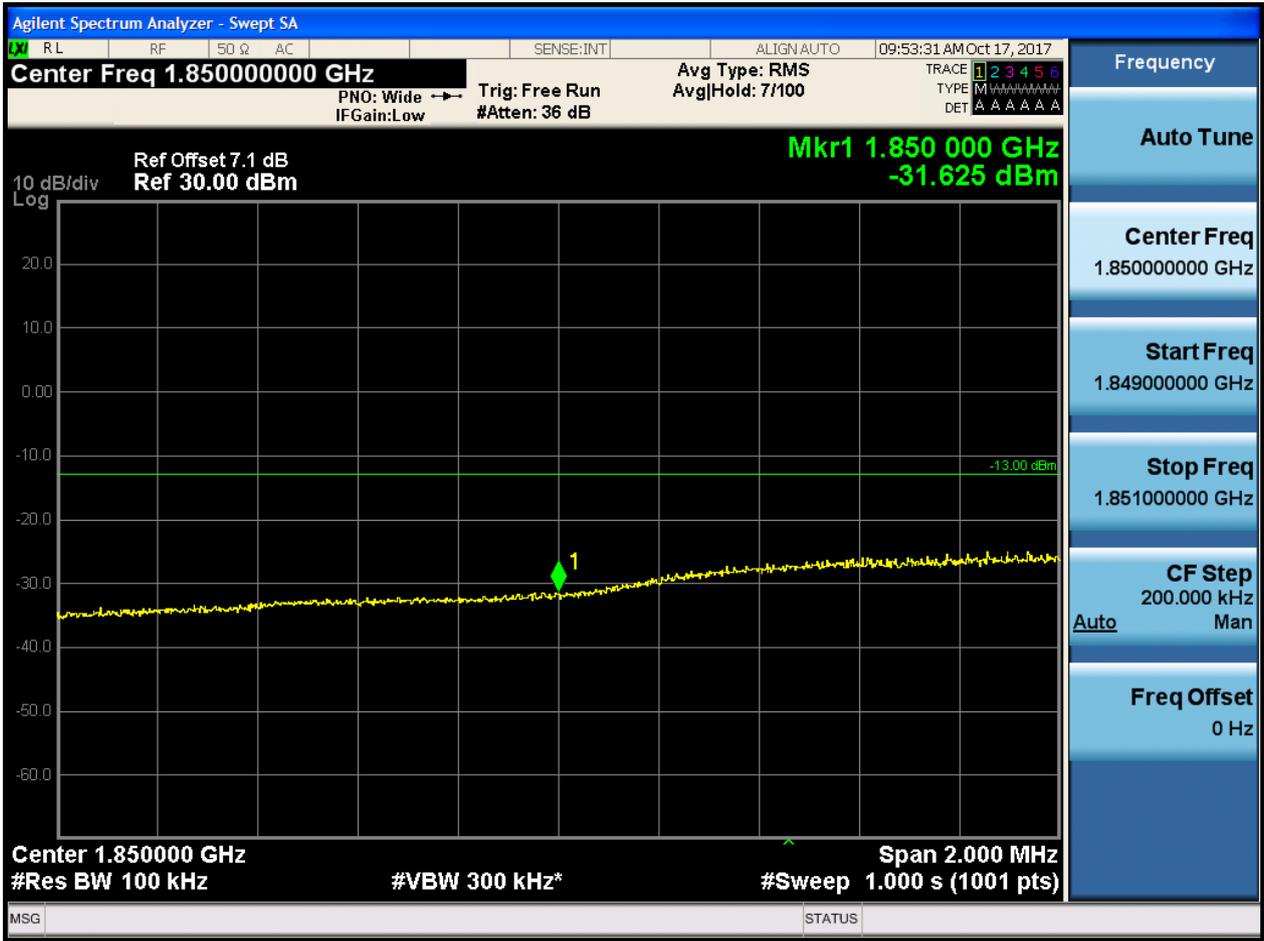


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





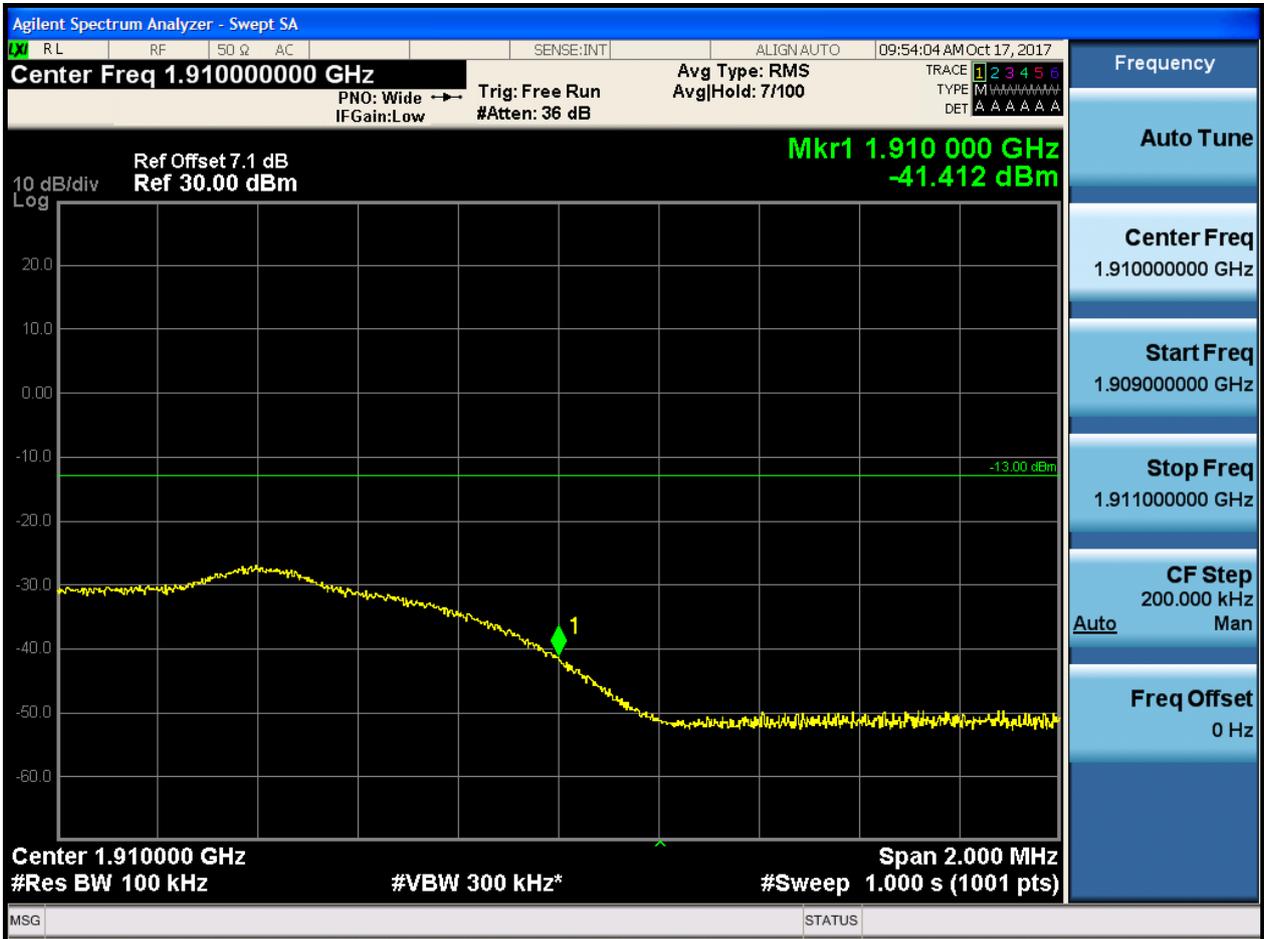
5.1.1.1.4.1.4 Test RB = RB50#0





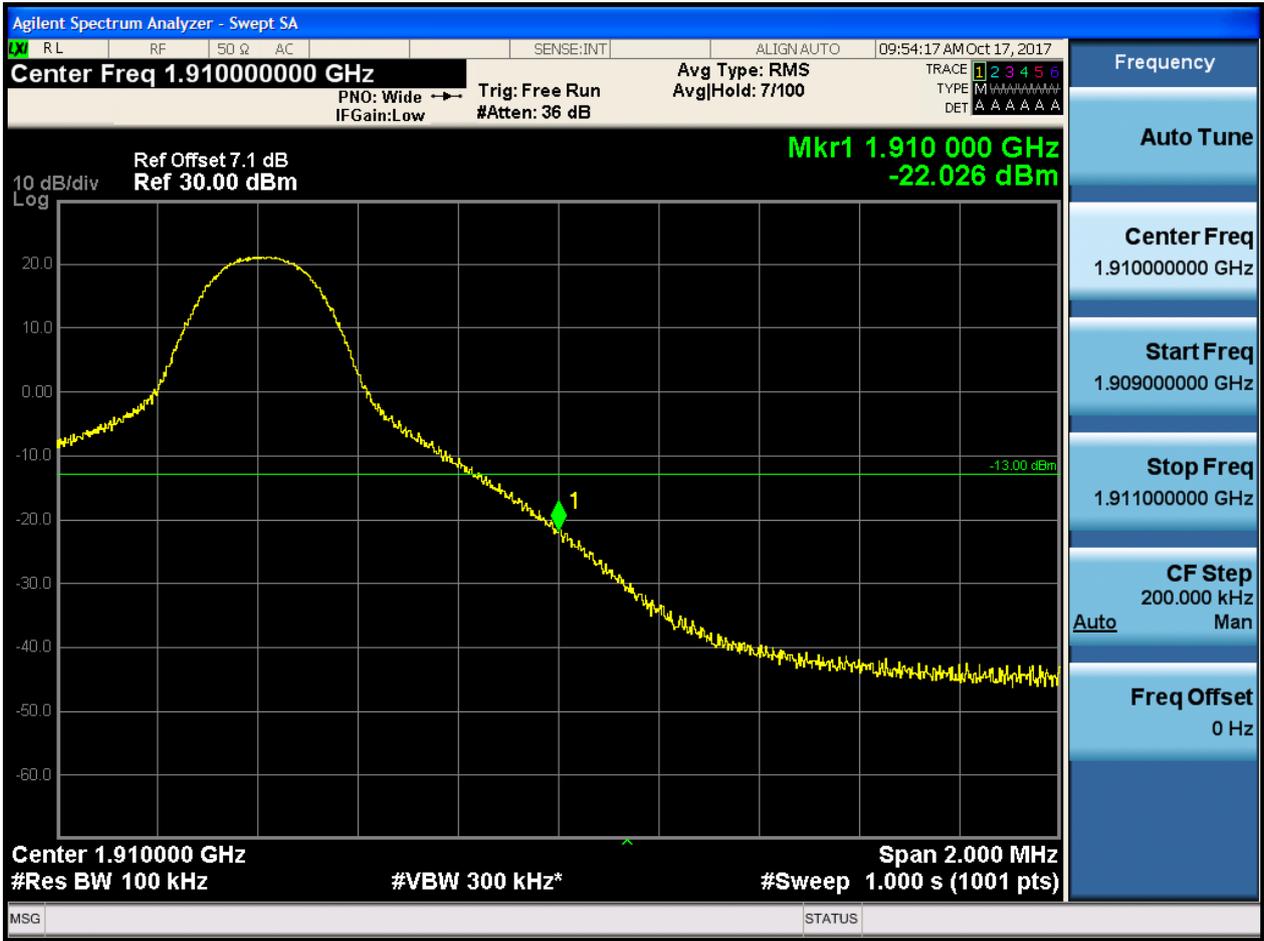
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



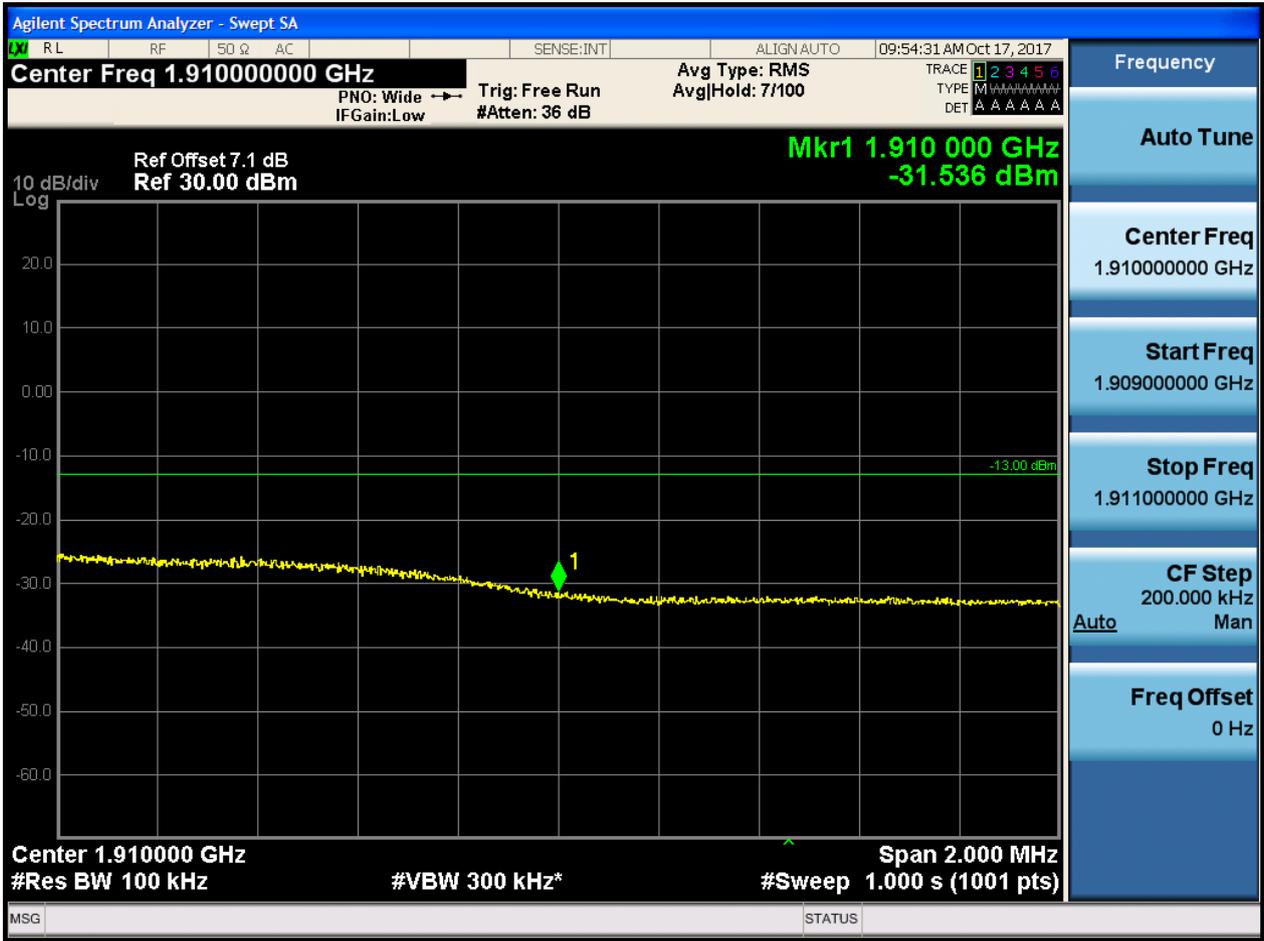


5.1.1.1.4.2.2 Test RB = RB1#49





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



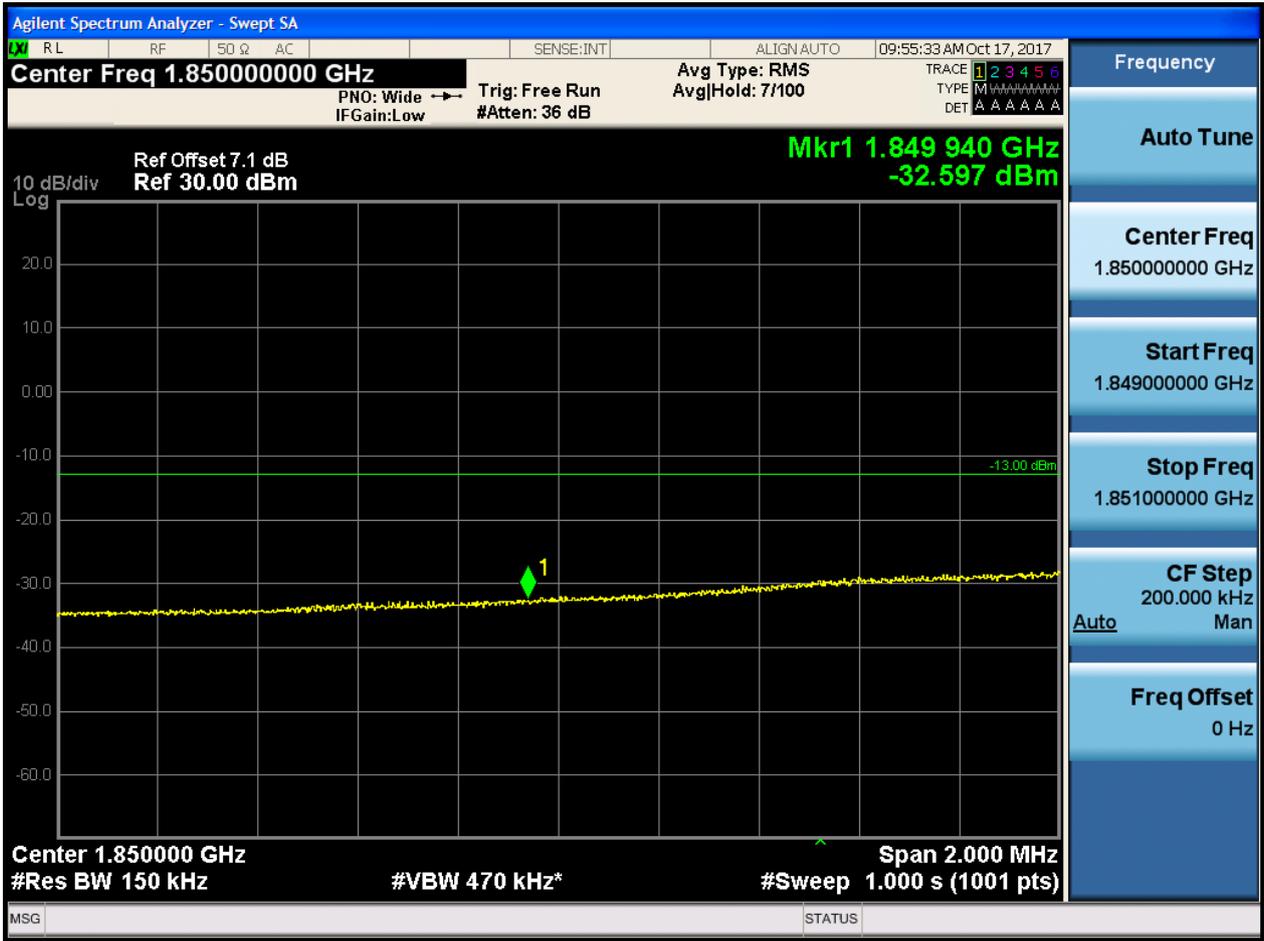


5.1.1.1.5.1.2 Test RB = RB1#74



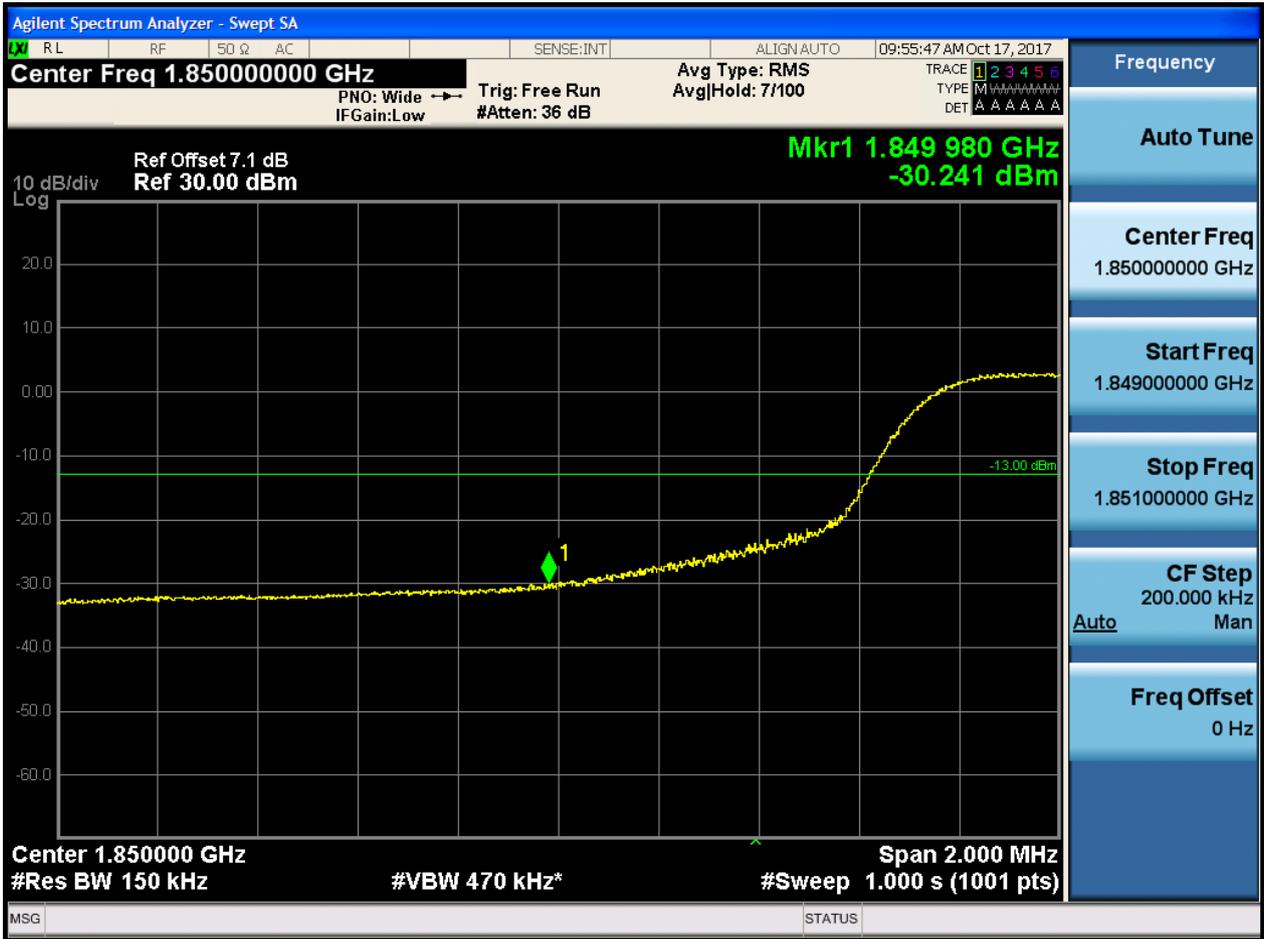


5.1.1.1.5.1.3 Test RB = RB38#19





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



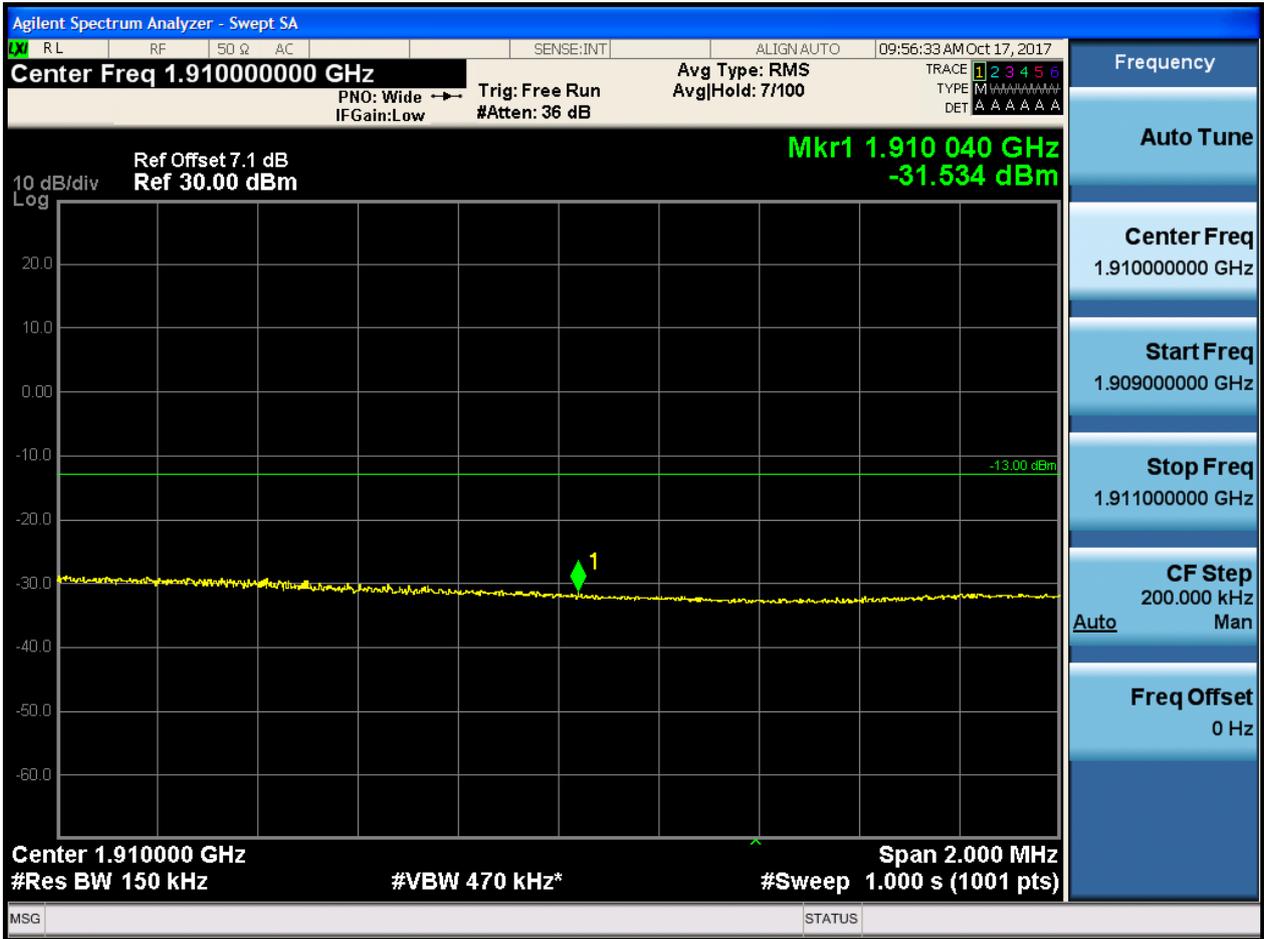


5.1.1.1.5.2.2 Test RB = RB1#74





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

