



# 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	21.16	19.81	33	PASS
				RB1#3	21.22	19.77	33	PASS
				RB1#5	21.2	19.95	33	PASS
				RB3#0	21.19	19.74	33	PASS
				RB3#2	21.22	19.97	33	PASS
				RB3#3	21.19	19.94	33	PASS
				RB6#0	20.28	19.03	33	PASS
			MCH	RB1#0	21.5	20.05	33	PASS
				RB1#3	21.53	20.08	33	PASS
				RB1#5	21.38	19.93	33	PASS
				RB3#0	21.45	20	33	PASS
				RB3#2	21.48	20.03	33	PASS
				RB3#3	21.47	20.02	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.61	19.16	33	PASS
			HCH	RB1#0	21.54	20.09	33	PASS
				RB1#3	21.68	20.23	33	PASS
				RB1#5	21.46	20.01	33	PASS
				RB3#0	21.6	20.15	33	PASS
				RB3#2	21.55	20.1	33	PASS
				RB3#3	21.48	20.03	33	PASS
				RB6#0	20.72	19.27	33	PASS
		3		LCH	RB1#0	21.07	19.62	33
			RB1#7		21.4	19.95	33	PASS
			RB1#14		21.23	19.78	33	PASS
			RB8#0		20.35	18.9	33	PASS
			RB8#4		20.43	18.98	33	PASS
			RB8#7		20.34	18.89	33	PASS
			RB15#0		20.37	18.92	33	PASS
			MCH	RB1#0	21.41	19.96	33	PASS
				RB1#7	21.56	20.11	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.2	19.75	33	PASS
				RB8#0	20.62	19.17	33	PASS
				RB8#4	20.61	19.16	33	PASS
				RB8#7	20.55	19.1	33	PASS
				RB15#0	20.6	19.15	33	PASS
			HCH	RB1#0	21.64	20.19	33	PASS
				RB1#7	21.74	20.29	33	PASS
				RB1#14	21.36	19.91	33	PASS
				RB8#0	20.82	19.37	33	PASS
				RB8#4	20.77	19.32	33	PASS
		5	LCH	RB8#7	20.69	19.24	33	PASS
				RB15#0	20.73	19.28	33	PASS
				RB1#0	21.35	19.88	33	PASS
				RB1#13	21.66	20.23	33	PASS
				RB1#24	21.75	20.48	33	PASS
		RB12#0	20.64	19.23	33	PASS		
		RB12#6	20.74	19.45	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	20.64	19.33	33	PASS
				RB25#0	20.61	19.3	33	PASS
			MCH	RB1#0	21.71	20.44	33	PASS
				RB1#13	21.89	20.58	33	PASS
				RB1#24	21.7	20.39	33	PASS
				RB12#0	20.88	19.57	33	PASS
				RB12#6	20.97	19.69	33	PASS
				RB12#13	20.73	19.42	33	PASS
				RB25#0	20.83	19.55	33	PASS
				HCH	RB1#0	21.96	20.65	33
			RB1#13		21.94	20.63	33	PASS
			RB1#24		21.74	20.41	33	PASS
			RB12#0		21.09	19.64	33	PASS
			RB12#6		21.14	19.83	33	PASS
			RB12#13		20.88	19.24	33	PASS
			RB25#0		21.02	19.71	33	PASS
		10	LCH	RB1#0	21.32	20.01	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.91	20.6	33	PASS
				RB1#49	22.09	20.78	33	PASS
				RB25#0	20.63	19.16	33	PASS
				RB25#13	20.95	19.64	33	PASS
				RB25#25	20.99	19.84	33	PASS
				RB50#0	20.87	19.88	33	PASS
			MCH	RB1#0	21.73	20.26	33	PASS
			MCH	RB1#25	21.86	20.55	33	PASS
			MCH	RB1#49	21.9	20.59	33	PASS
			MCH	RB25#0	20.85	19.54	33	PASS
			MCH	RB25#13	20.86	19.55	33	PASS
			MCH	RB25#25	20.78	19.47	33	PASS
			MCH	RB50#0	20.86	19.55	33	PASS
			HCH	RB1#0	22.11	20.8	33	PASS
			HCH	RB1#25	22.17	20.86	33	PASS
			HCH	RB1#49	21.9	20.59	33	PASS
			HCH	RB25#0	21.17	19.86	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB25#13	21.19	19.88	33	PASS	
				RB25#25	21.02	19.71	33	PASS	
				RB50#0	21.12	19.81	33	PASS	
		15	LCH	RB1#0	21.14	19.83	33	PASS	
				RB1#38	22.14	20.83	33	PASS	
				RB1#74	21.99	20.68	33	PASS	
				RB38#0	20.81	19.5	33	PASS	
				RB38#19	21.14	19.86	33	PASS	
				RB38#39	21.08	19.77	33	PASS	
				RB75#0	21.03	19.74	33	PASS	
				MCH	RB1#0	21.57	20.26	33	PASS
					RB1#38	21.85	20.54	33	PASS
					RB1#74	21.68	20.37	33	PASS
					RB38#0	20.89	19.58	33	PASS
					RB38#19	20.87	19.56	33	PASS
					RB38#39	20.83	19.52	33	PASS
					RB75#0	20.77	19.46	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.92	20.61	33	PASS
				RB1#38	22.08	20.77	33	PASS
				RB1#74	21.56	20.25	33	PASS
				RB38#0	21.26	19.95	33	PASS
				RB38#19	21.2	19.89	33	PASS
				RB38#39	20.9	19.59	33	PASS
				RB75#0	21.12	19.81	33	PASS
		20	LCH	RB1#0	21.14	19.83	33	PASS
				RB1#50	22.24	20.93	33	PASS
				RB1#99	21.8	20.49	33	PASS
				RB50#0	20.83	19.52	33	PASS
				RB50#25	21.1	19.79	33	PASS
				RB50#50	20.97	19.66	33	PASS
				RB100#0	21.01	19.7	33	PASS
				MCH	RB1#0	21.7	20.39	33
RB1#50	21.87	20.56	33		PASS			
RB1#99	21.63	20.32	33		PASS			





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.77	19.46	33	PASS
				RB50#25	20.9	19.59	33	PASS
				RB50#50	20.67	19.36	33	PASS
				RB100#0	20.73	19.42	33	PASS
			HCH	RB1#0	21.73	20.42	33	PASS
				RB1#50	22.27	20.96	33	PASS
				RB1#99	21.46	20.08	33	PASS
				RB50#0	21.05	19.74	33	PASS
	RB50#25	21.18	19.87	33	PASS			
	RB50#50	20.87	19.56	33	PASS			
	RB100#0	20.98	19.67	33	PASS			
	LTE/TM2	1.4	LCH	RB1#0	20.46	19.01	33	PASS
				RB1#3	20.46	19.01	33	PASS
				RB1#5	20.52	19.07	33	PASS
RB3#0				20.36	18.91	33	PASS	
RB3#2				20.38	18.93	33	PASS	
RB3#3				20.36	18.91	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.25	18.8	33	PASS
			MCH	RB1#0	20.47	19.02	33	PASS
				RB1#3	20.49	19.04	33	PASS
				RB1#5	20.36	18.91	33	PASS
				RB3#0	20.59	19.14	33	PASS
				RB3#2	20.6	19.15	33	PASS
				RB3#3	20.54	19.09	33	PASS
				RB6#0	20.65	19.2	33	PASS
				HCH	RB1#0	20.86	19.41	33
			RB1#3		20.8	19.35	33	PASS
			RB1#5		20.66	19.21	33	PASS
			RB3#0		20.79	19.34	33	PASS
			RB3#2		20.71	19.26	33	PASS
			RB3#3		20.65	19.2	33	PASS
			RB6#0		20.72	19.27	33	PASS
		3	LCH		RB1#0	20.07	18.62	33
				RB1#7	20.43	18.98	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	20.23	18.78	33	PASS
				RB8#0	20.37	18.92	33	PASS
				RB8#4	20.44	18.99	33	PASS
				RB8#7	20.37	18.92	33	PASS
				RB15#0	20.34	18.89	33	PASS
			MCH	RB1#0	20.45	19	33	PASS
			MCH	RB1#7	20.61	19.16	33	PASS
			MCH	RB1#14	20.42	18.97	33	PASS
			MCH	RB8#0	20.58	19.13	33	PASS
			MCH	RB8#4	20.56	19.11	33	PASS
			MCH	RB8#7	20.48	19.03	33	PASS
			MCH	RB15#0	20.51	19.06	33	PASS
			HCH	RB1#0	20.72	19.27	33	PASS
			HCH	RB1#7	20.83	19.38	33	PASS
			HCH	RB1#14	20.49	19.04	33	PASS
			HCH	RB8#0	20.75	19.3	33	PASS
			HCH	RB8#4	20.68	19.23	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.6	19.15	33	PASS
				RB15#0	20.7	19.25	33	PASS
		5	LCH	RB1#0	20.62	19.31	33	PASS
				RB1#13	20.92	19.61	33	PASS
				RB1#24	21.01	19.7	33	PASS
				RB12#0	20.56	19.25	33	PASS
				RB12#6	20.66	19.35	33	PASS
				RB12#13	20.57	19.26	33	PASS
				RB25#0	20.56	19.25	33	PASS
				MCH	RB1#0	20.73	19.42	33
			RB1#13		20.85	19.54	33	PASS
			RB1#24		20.76	19.45	33	PASS
			RB12#0		20.8	19.49	33	PASS
			RB12#6		20.88	19.57	33	PASS
			RB12#13		20.66	19.35	33	PASS
			RB25#0		20.76	19.45	33	PASS
			HCH	RB1#0	21.22	19.91	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#13	21.21	19.9	33	PASS	
				RB1#24	20.97	19.66	33	PASS	
				RB12#0	20.98	19.67	33	PASS	
				RB12#6	21.03	19.72	33	PASS	
				RB12#13	20.78	19.47	33	PASS	
				RB25#0	20.96	19.65	33	PASS	
		10	LCH	RB1#0	20.65	19.34	33	PASS	
				RB1#25	21.12	19.81	33	PASS	
				RB1#49	21.3	19.99	33	PASS	
				RB25#0	20.61	19.3	33	PASS	
				RB25#13	20.86	19.55	33	PASS	
				RB25#25	20.97	19.66	33	PASS	
				RB50#0	20.79	19.48	33	PASS	
				MCH	RB1#0	20.97	19.66	33	PASS
					RB1#25	21.08	19.77	33	PASS
					RB1#49	21.17	19.86	33	PASS
RB25#0	20.76	19.45	33		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.79	19.48	33	PASS
				RB25#25	20.74	19.43	33	PASS
				RB50#0	20.81	19.5	33	PASS
			HCH	RB1#0	21.16	19.85	33	PASS
				RB1#25	21.17	19.86	33	PASS
				RB1#49	20.95	19.64	33	PASS
				RB25#0	21.05	19.74	33	PASS
				RB25#13	21.08	19.77	33	PASS
				RB25#25	20.9	19.59	33	PASS
		RB50#0	20.98	19.67	33	PASS		
		15	LCH	RB1#0	20.31	19	33	PASS
				RB1#38	21.23	19.92	33	PASS
				RB1#74	21.11	19.8	33	PASS
				RB38#0	20.74	19.43	33	PASS
				RB38#19	21.09	19.78	33	PASS
RB38#39	20.98			19.67	33	PASS		
				RB75#0	20.94	19.63	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	20.83	19.52	33	PASS
				RB1#38	20.93	19.62	33	PASS
				RB1#74	20.97	19.66	33	PASS
				RB38#0	20.8	19.49	33	PASS
				RB38#19	20.8	19.49	33	PASS
				RB38#39	20.75	19.44	33	PASS
				RB75#0	20.67	19.36	33	PASS
			HCH	RB1#0	21.12	19.81	33	PASS
				RB1#38	21.29	19.98	33	PASS
				RB1#74	20.83	19.52	33	PASS
				RB38#0	21.21	19.9	33	PASS
				RB38#19	21.16	19.85	33	PASS
				RB38#39	20.85	19.54	33	PASS
				RB75#0	21.08	19.77	33	PASS
		20	LCH	RB1#0	20.57	19.26	33	PASS
				RB1#50	21.63	20.32	33	PASS
				RB1#99	21.17	19.86	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.72	19.41	33	PASS
				RB50#25	20.99	19.68	33	PASS
				RB50#50	20.87	19.56	33	PASS
				RB100#0	20.9	19.59	33	PASS
			MCH	RB1#0	21.08	19.77	33	PASS
				RB1#50	21.16	19.85	33	PASS
				RB1#99	21.07	19.76	33	PASS
				RB50#0	20.66	19.35	33	PASS
				RB50#25	20.8	19.49	33	PASS
				RB50#50	20.58	19.27	33	PASS
				RB100#0	20.64	19.33	33	PASS
			HCH	RB1#0	21.08	19.77	33	PASS
				RB1#50	21.66	20.35	33	PASS
				RB1#99	20.89	19.58	33	PASS
				RB50#0	21.02	19.71	33	PASS
				RB50#25	21.14	19.83	33	PASS
				RB50#50	20.83	19.52	33	PASS





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	20.96	19.65	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:

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

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

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

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	4.75	13	PASS
				RB1#3	4.69	13	PASS
				RB1#5	4.67	13	PASS
				RB3#0	5.16	13	PASS
				RB3#2	5.19	13	PASS
				RB3#3	5.07	13	PASS
			RB6#0	5.5	13	PASS	
			MCH	RB1#0	4.27	13	PASS
				RB1#3	4.38	13	PASS
				RB1#5	4.4	13	PASS
				RB3#0	4.76	13	PASS
				RB3#2	4.64	13	PASS
				RB3#3	4.76	13	PASS
			HCH	RB6#0	5.58	13	PASS
				RB1#0	4.09	13	PASS
				RB1#3	3.96	13	PASS
				RB1#5	4.16	13	PASS
				RB3#0	4.55	13	PASS
		RB3#2		4.44	13	PASS	
		3	LCH	RB3#3	4.58	13	PASS
				RB6#0	5.46	13	PASS
				RB1#0	4.7	13	PASS
				RB1#7	4.32	13	PASS
				RB1#14	4.63	13	PASS
				RB8#0	5.27	13	PASS
			MCH	RB8#4	5.26	13	PASS
				RB8#7	5.5	13	PASS
RB15#0	5.59			13	PASS		
MCH	RB1#0	4.32	13	PASS			
	RB1#7	4.21	13	PASS			
	RB1#14	4.63	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	5.19	13	PASS	
				RB8#4	5.14	13	PASS	
				RB8#7	5.18	13	PASS	
				RB15#0	5.49	13	PASS	
			HCH	RB1#0	4.24	13	PASS	
				RB1#7	3.96	13	PASS	
				RB1#14	4.32	13	PASS	
				RB8#0	5.18	13	PASS	
				RB8#4	5.07	13	PASS	
				RB8#7	5.23	13	PASS	
				RB15#0	5.5	13	PASS	
				LCH	RB1#0	4.74	13	PASS
					RB1#13	4.74	13	PASS
					RB1#24	4.61	13	PASS
		RB12#0			5.7	13	PASS	
		RB12#6			5.79	13	PASS	
		RB12#13	5.75		13	PASS		
		RB25#0	5.95		13	PASS		
		MCH	RB1#0	4.47	13	PASS		
			RB1#13	4.15	13	PASS		
			RB1#24	4.38	13	PASS		
			RB12#0	5.48	13	PASS		
			RB12#6	5.49	13	PASS		
			RB12#13	5.71	13	PASS		
		HCH	RB25#0	5.8	13	PASS		
			RB1#0	4.27	13	PASS		
			RB1#13	4.12	13	PASS		
			RB1#24	4.21	13	PASS		
			RB12#0	5.3	13	PASS		
			RB12#6	5.08	13	PASS		
		LCH	RB12#13	5.3	13	PASS		
			RB25#0	5.63	13	PASS		
RB1#0	4.95		13	PASS				
RB1#25	4.65		13	PASS				
RB1#49	4.61		13	PASS				
RB25#0	5.7		13	PASS				
RB25#13	5.81		13	PASS				
RB25#25	5.69	13	PASS					
RB50#0	5.91	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	4.42	13	PASS
				RB1#25	4.38	13	PASS
				RB1#49	4.57	13	PASS
				RB25#0	5.5	13	PASS
				RB25#13	5.6	13	PASS
				RB25#25	5.71	13	PASS
				RB50#0	5.78	13	PASS
			HCH	RB1#0	4.27	13	PASS
				RB1#25	4.03	13	PASS
				RB1#49	4.1	13	PASS
				RB25#0	5.42	13	PASS
				RB25#13	5.3	13	PASS
				RB25#25	5.39	13	PASS
				RB50#0	5.91	13	PASS
		15	LCH	RB1#0	5.13	13	PASS
				RB1#38	4.78	13	PASS
				RB1#74	4.56	13	PASS
				RB38#0	5.79	13	PASS
				RB38#19	5.6	13	PASS
				RB38#39	5.6	13	PASS
				RB75#0	6.11	13	PASS
			MCH	RB1#0	4.44	13	PASS
				RB1#38	4.4	13	PASS
				RB1#74	4.74	13	PASS
				RB38#0	5.53	13	PASS
				RB38#19	5.64	13	PASS
				RB38#39	5.79	13	PASS
				RB75#0	6.15	13	PASS
		HCH	RB1#0	4.71	13	PASS	
			RB1#38	4.25	13	PASS	
			RB1#74	4.53	13	PASS	
			RB38#0	5.61	13	PASS	
RB38#19	5.51		13	PASS			
RB38#39	5.56		13	PASS			
RB75#0	6.06		13	PASS			
20	LCH	RB1#0	5.12	13	PASS		
		RB1#50	4.68	13	PASS		
		RB1#99	4.5	13	PASS		
		RB50#0	5.87	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	5.73	13	PASS
				RB50#50	5.71	13	PASS
				RB100#0	5.99	13	PASS
			MCH	RB1#0	4.47	13	PASS
				RB1#50	4.46	13	PASS
				RB1#99	4.87	13	PASS
				RB50#0	5.63	13	PASS
				RB50#25	5.68	13	PASS
				RB50#50	5.91	13	PASS
			HCH	RB100#0	6.13	13	PASS
				RB1#0	4.95	13	PASS
				RB1#50	4.31	13	PASS
				RB1#99	4.65	13	PASS
				RB50#0	5.82	13	PASS
			LCH	RB50#25	5.56	13	PASS
				RB50#50	5.72	13	PASS
				RB100#0	6.12	13	PASS
				RB1#0	5.35	13	PASS
	RB1#3	5.64		13	PASS		
	RB1#5	5.22		13	PASS		
	RB3#0	5.6		13	PASS		
	RB3#2	5.66		13	PASS		
	RB3#3	5.66		13	PASS		
	RB6#0	6.09		13	PASS		
	MCH	RB1#0		5.00	13	PASS	
		RB1#3		5.23	13	PASS	
		RB1#5	4.94	13	PASS		
		RB3#0	5.66	13	PASS		
		RB3#2	5.46	13	PASS		
		RB3#3	5.53	13	PASS		
HCH	RB6#0	5.8	13	PASS			
	RB1#0	4.94	13	PASS			
	RB1#3	4.95	13	PASS			
	RB1#5	4.9	13	PASS			
	RB3#0	5.24	13	PASS			
	RB3#2	5.38	13	PASS			
3			LCH	RB3#3	5.21	13	PASS
				RB6#0	5.67	13	PASS
				RB1#0	5.41	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	5.29	13	PASS
				RB1#14	5.37	13	PASS
				RB8#0	5.96	13	PASS
				RB8#4	6.03	13	PASS
				RB8#7	5.94	13	PASS
				RB15#0	5.98	13	PASS
			MCH	RB1#0	5.35	13	PASS
				RB1#7	4.98	13	PASS
				RB1#14	5.32	13	PASS
				RB8#0	5.55	13	PASS
				RB8#4	5.52	13	PASS
				RB8#7	5.62	13	PASS
			HCH	RB15#0	6.06	13	PASS
				RB1#0	5.2	13	PASS
				RB1#7	4.82	13	PASS
				RB1#14	5.19	13	PASS
				RB8#0	5.48	13	PASS
				RB8#4	5.58	13	PASS
		5	LCH	RB8#7	5.64	13	PASS
				RB15#0	5.84	13	PASS
				RB1#0	5.88	13	PASS
				RB1#13	5.78	13	PASS
				RB1#24	5.74	13	PASS
				RB12#0	5.84	13	PASS
			MCH	RB12#6	6.05	13	PASS
				RB12#13	5.91	13	PASS
				RB25#0	6.49	13	PASS
				RB1#0	5.07	13	PASS
				RB1#13	5.28	13	PASS
				RB1#24	5.2	13	PASS
HCH	RB12#0	5.57	13	PASS			
	RB12#6	5.59	13	PASS			
	RB12#13	5.92	13	PASS			
	RB25#0	6.31	13	PASS			
	RB12#0	5.49	13	PASS			
				RB12#6	5.28	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#13	5.54	13	PASS
				RB25#0	6	13	PASS
			LCH	RB1#0	5.69	13	PASS
				RB1#25	5.28	13	PASS
				RB1#49	5.19	13	PASS
				RB25#0	6.05	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	5.88	13	PASS
				RB50#0	6.63	13	PASS
			MCH	RB1#0	5.07	13	PASS
		RB1#25		5.12	13	PASS	
		RB1#49		5.2	13	PASS	
		RB25#0		5.7	13	PASS	
		RB25#13		5.79	13	PASS	
		RB25#25		5.91	13	PASS	
		HCH	RB1#0	5.24	13	PASS	
			RB1#25	5.08	13	PASS	
			RB1#49	4.99	13	PASS	
			RB25#0	5.73	13	PASS	
			RB25#13	5.5	13	PASS	
			RB25#25	5.69	13	PASS	
		15	LCH	RB1#0	6.07	13	PASS
				RB1#38	5.47	13	PASS
				RB1#74	5.26	13	PASS
				RB38#0	6.1	13	PASS
				RB38#19	6.03	13	PASS
				RB38#39	6.07	13	PASS
				RB75#0	6.74	13	PASS
			MCH	RB1#0	5.34	13	PASS
				RB1#38	5.34	13	PASS
				RB1#74	5.53	13	PASS
				RB38#0	5.75	13	PASS
RB38#19	5.72			13	PASS		
RB38#39	6.04			13	PASS		
HCH	RB1#0		5.49	13	PASS		
	RB1#38	5.16	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#74	5.22	13	PASS
				RB38#0	5.78	13	PASS
				RB38#19	5.6	13	PASS
				RB38#39	5.81	13	PASS
				RB75#0	6.32	13	PASS
			LCH	RB1#0	5.87	13	PASS
				RB1#50	5.07	13	PASS
				RB1#99	5.2	13	PASS
				RB50#0	6.2	13	PASS
				RB50#25	6.1	13	PASS
		RB50#50		6.08	13	PASS	
		RB100#0		6.55	13	PASS	
		MCH	RB1#0	5.03	13	PASS	
			RB1#50	4.99	13	PASS	
			RB1#99	5.25	13	PASS	
			RB50#0	5.84	13	PASS	
			RB50#25	5.84	13	PASS	
			RB50#50	6.22	13	PASS	
			RB100#0	6.55	13	PASS	
		HCH	RB1#0	5.41	13	PASS	
			RB1#50	4.87	13	PASS	
			RB1#99	5.11	13	PASS	
			RB50#0	6.04	13	PASS	
			RB50#25	5.73	13	PASS	
			RB50#50	5.92	13	PASS	
			RB100#0	6.44	13	PASS	



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

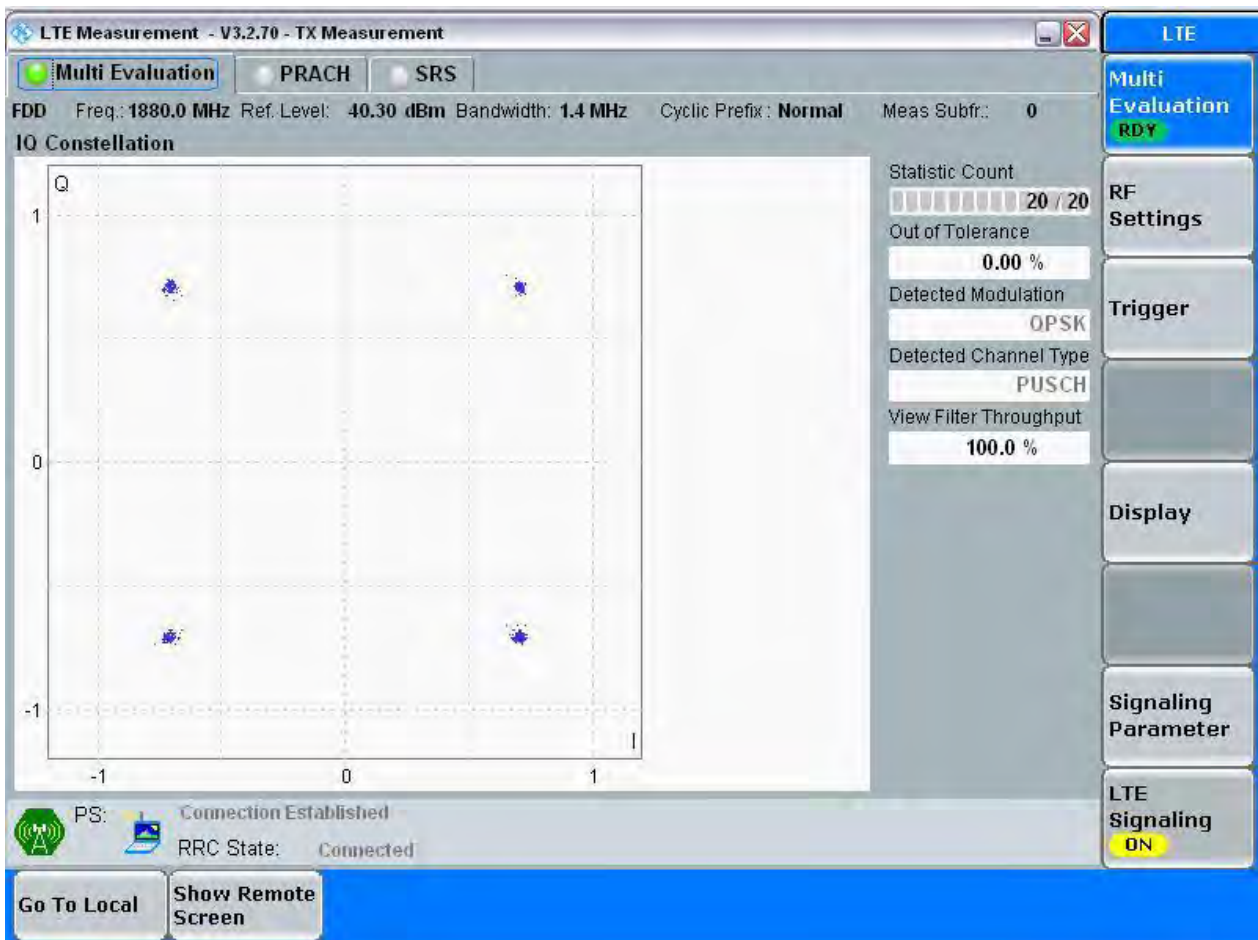
##### 3.1.1 Test Band = BAND2

##### 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

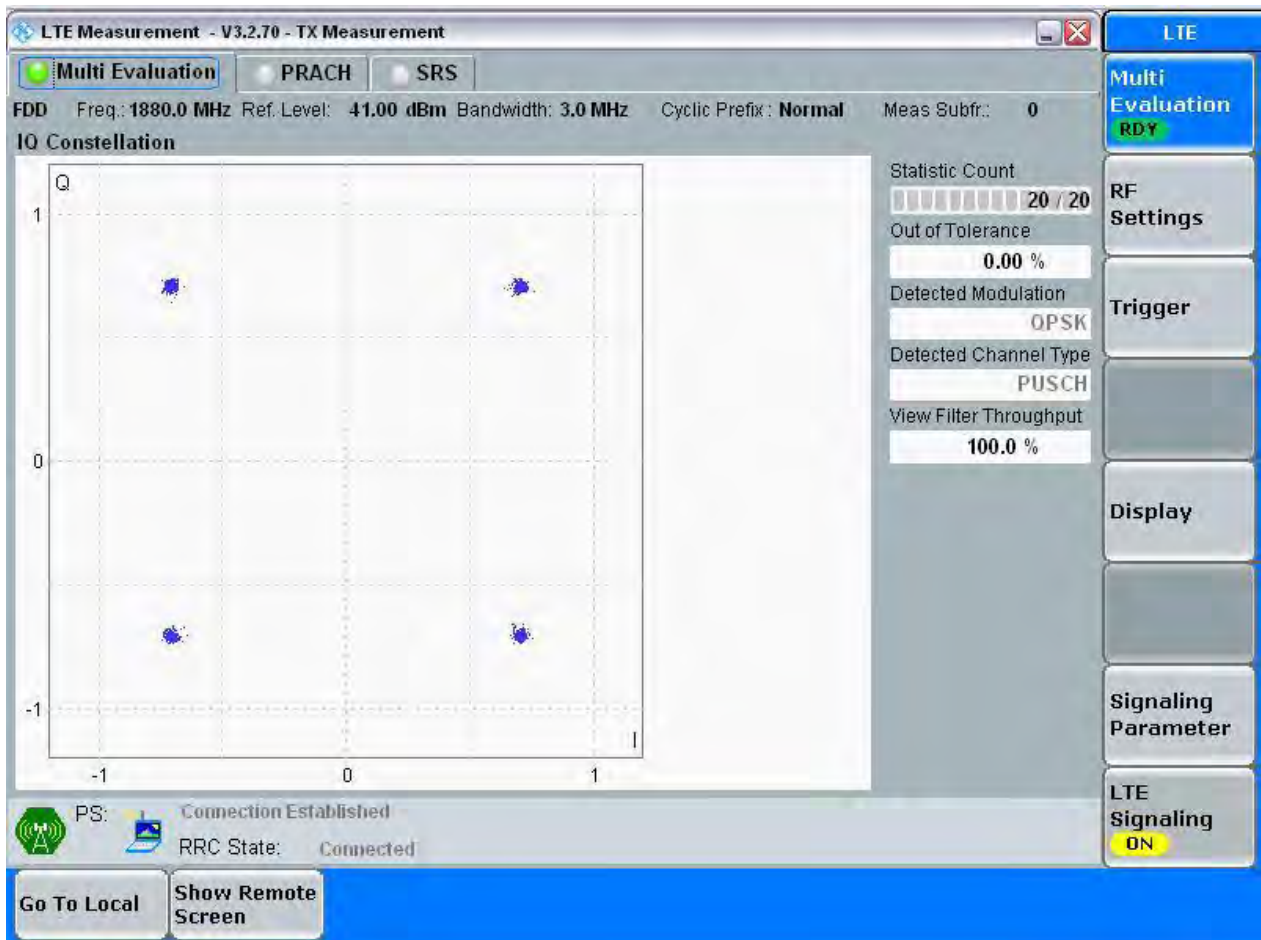
##### 3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

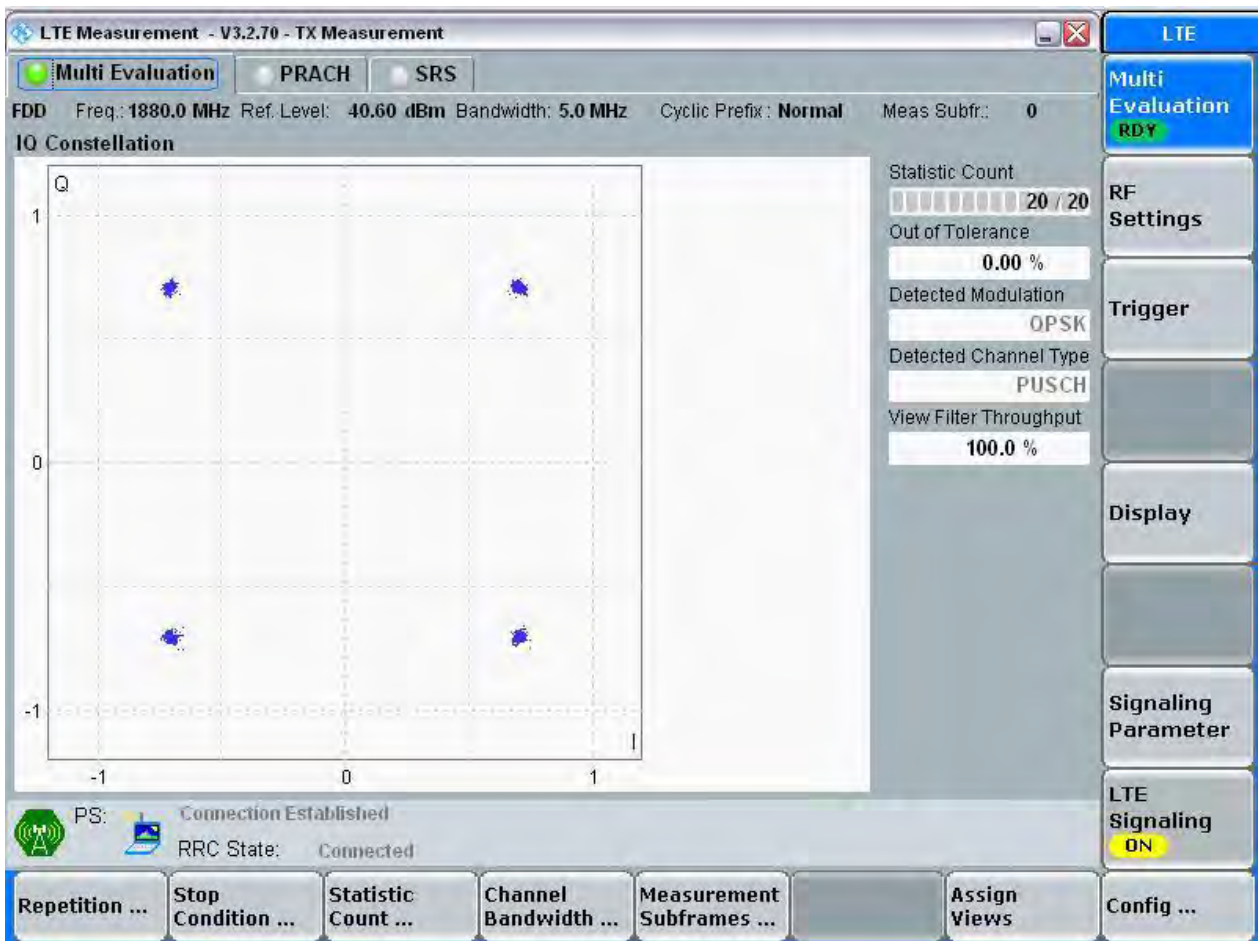
3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

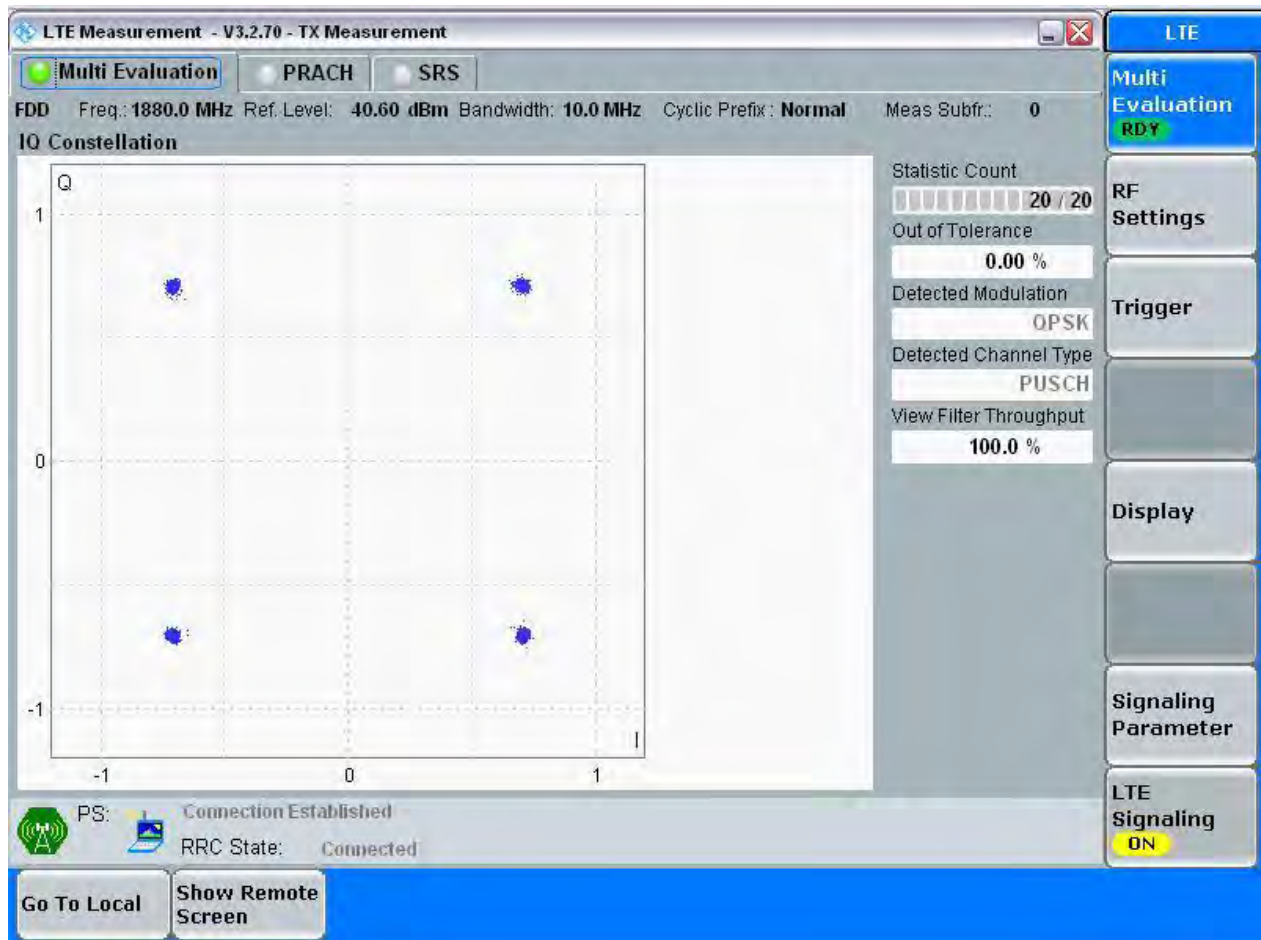
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

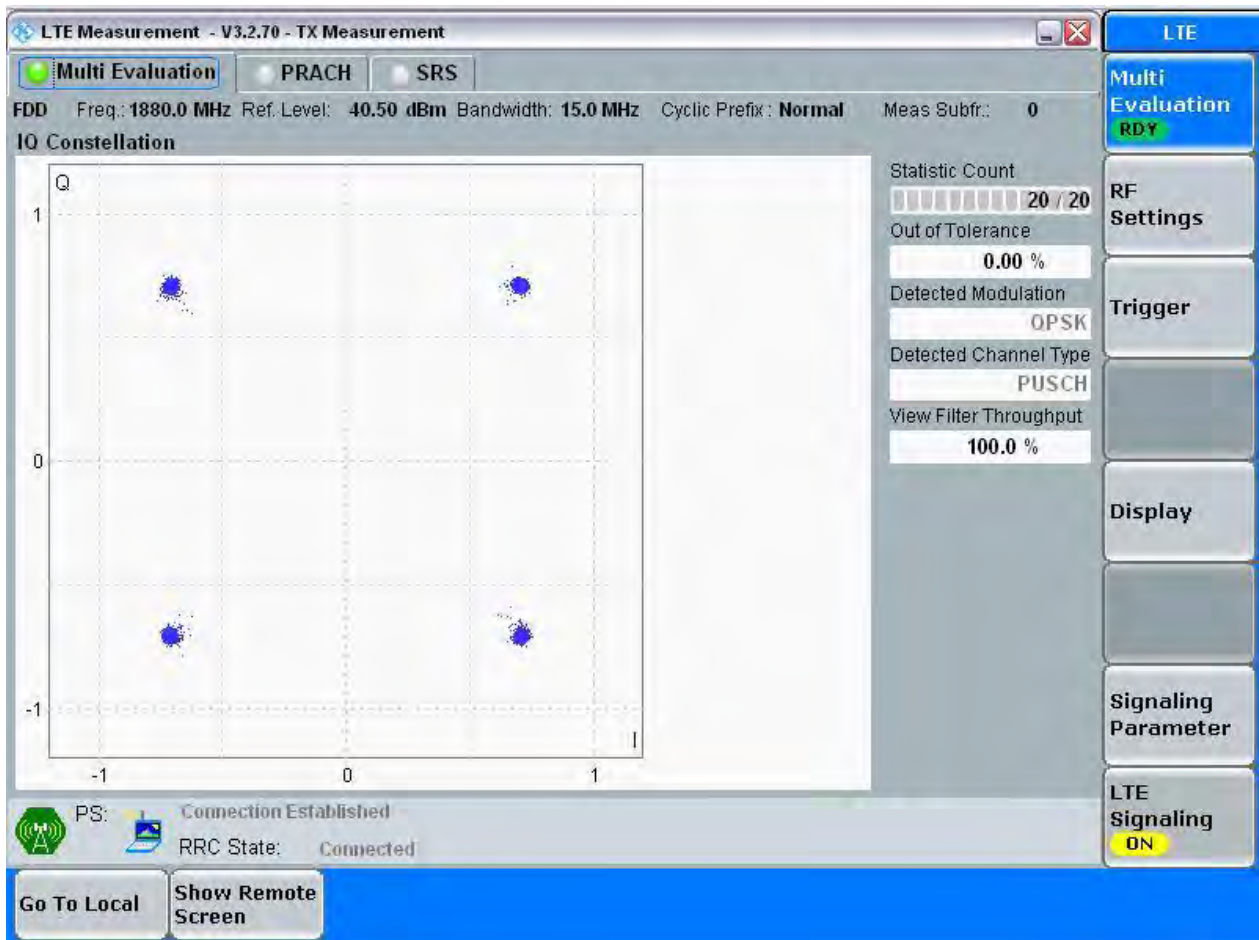
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 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

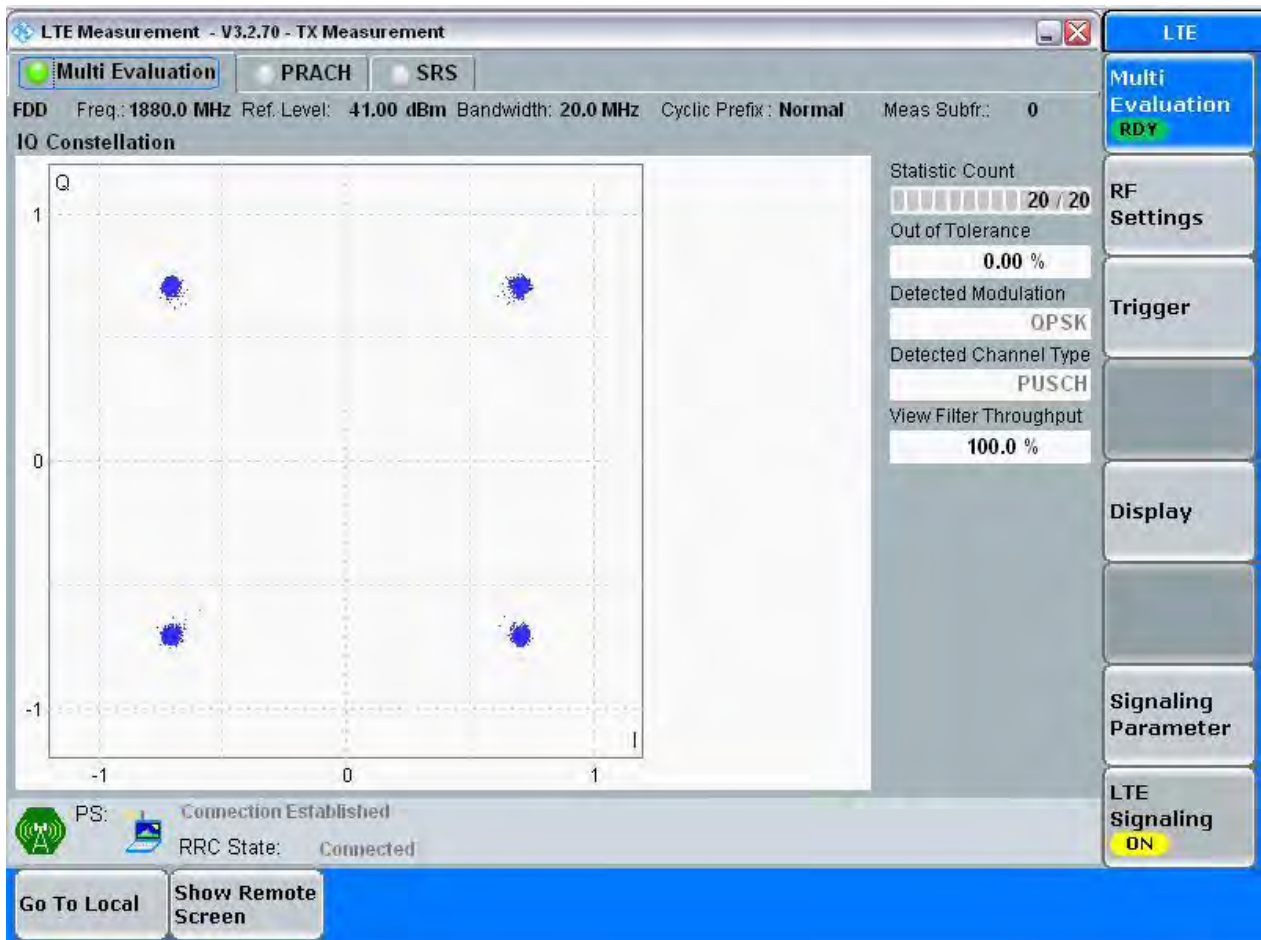




### 3.1.1.1.6 Test Bandwidth = 20

#### 3.1.1.1.6.1 Test Channel = MCH

##### 3.1.1.1.6.1.1 Test RB = RB100#0

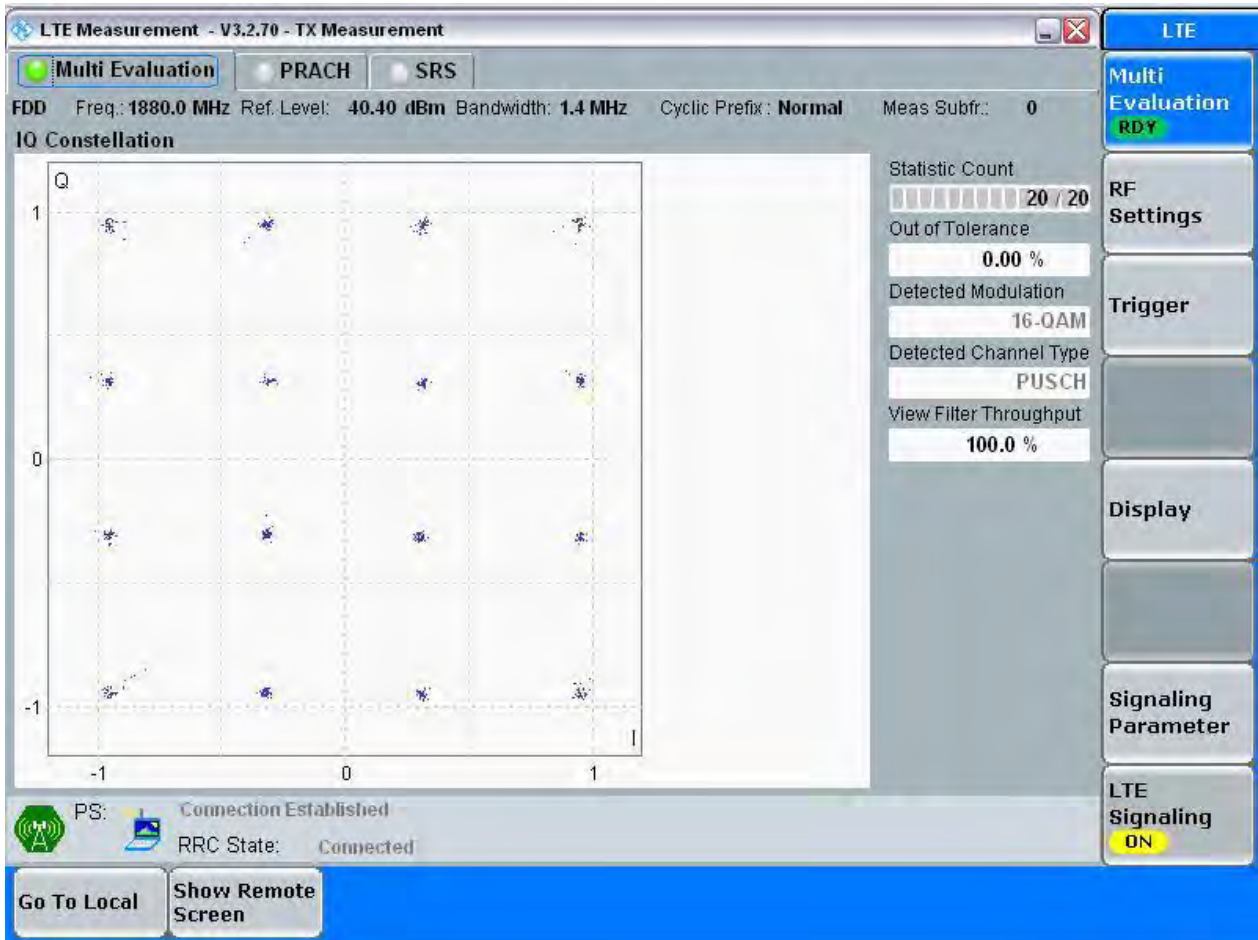


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

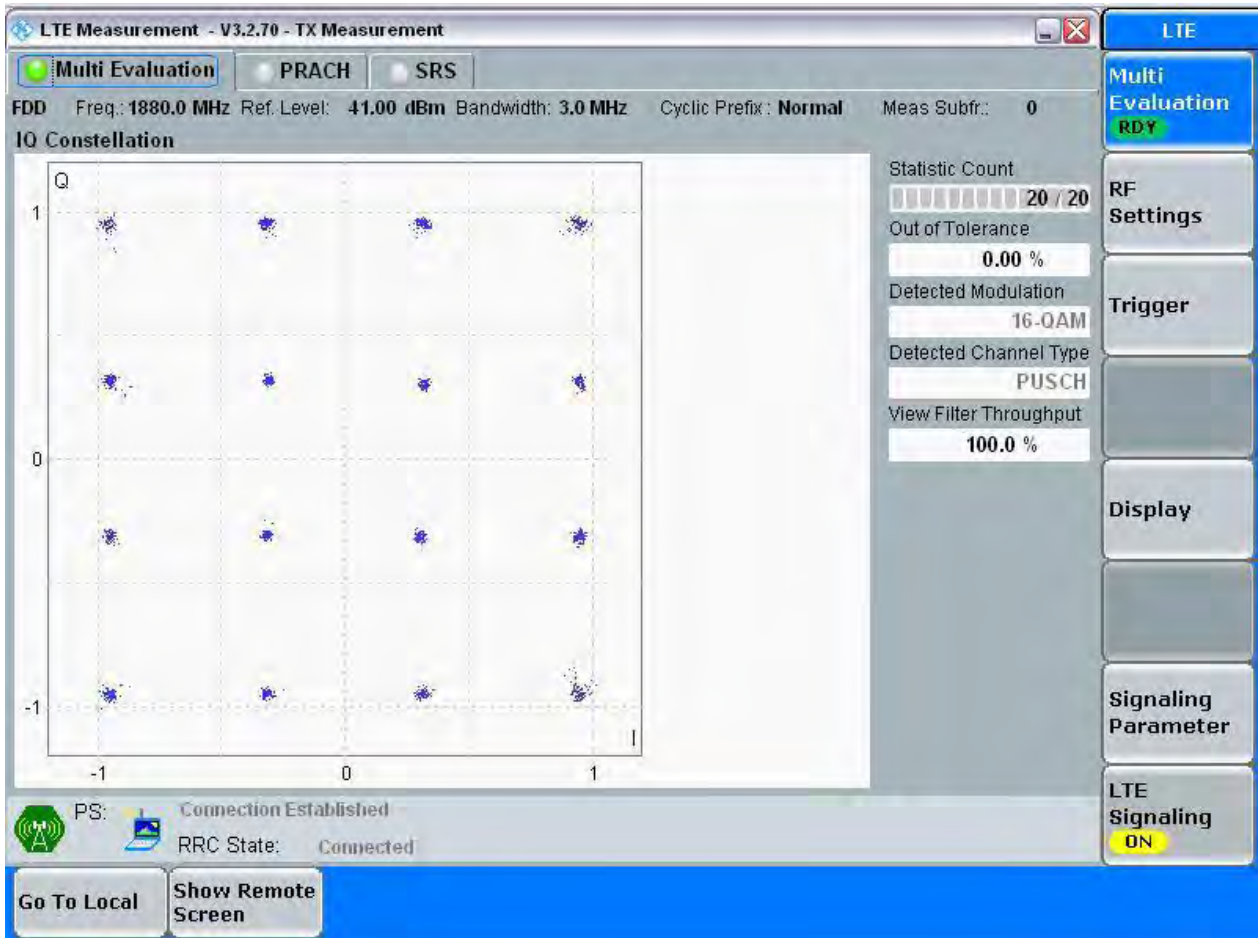
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 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

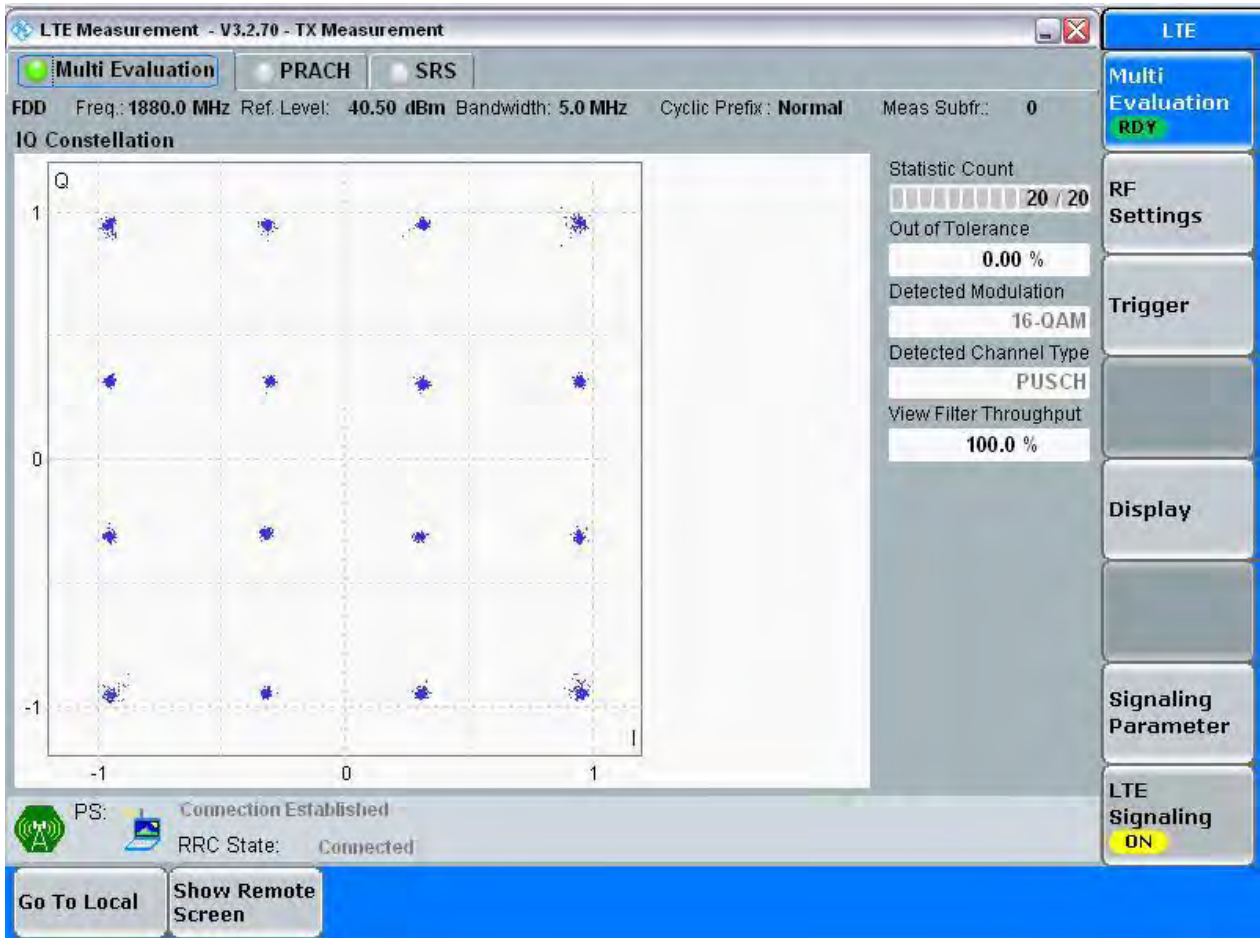




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

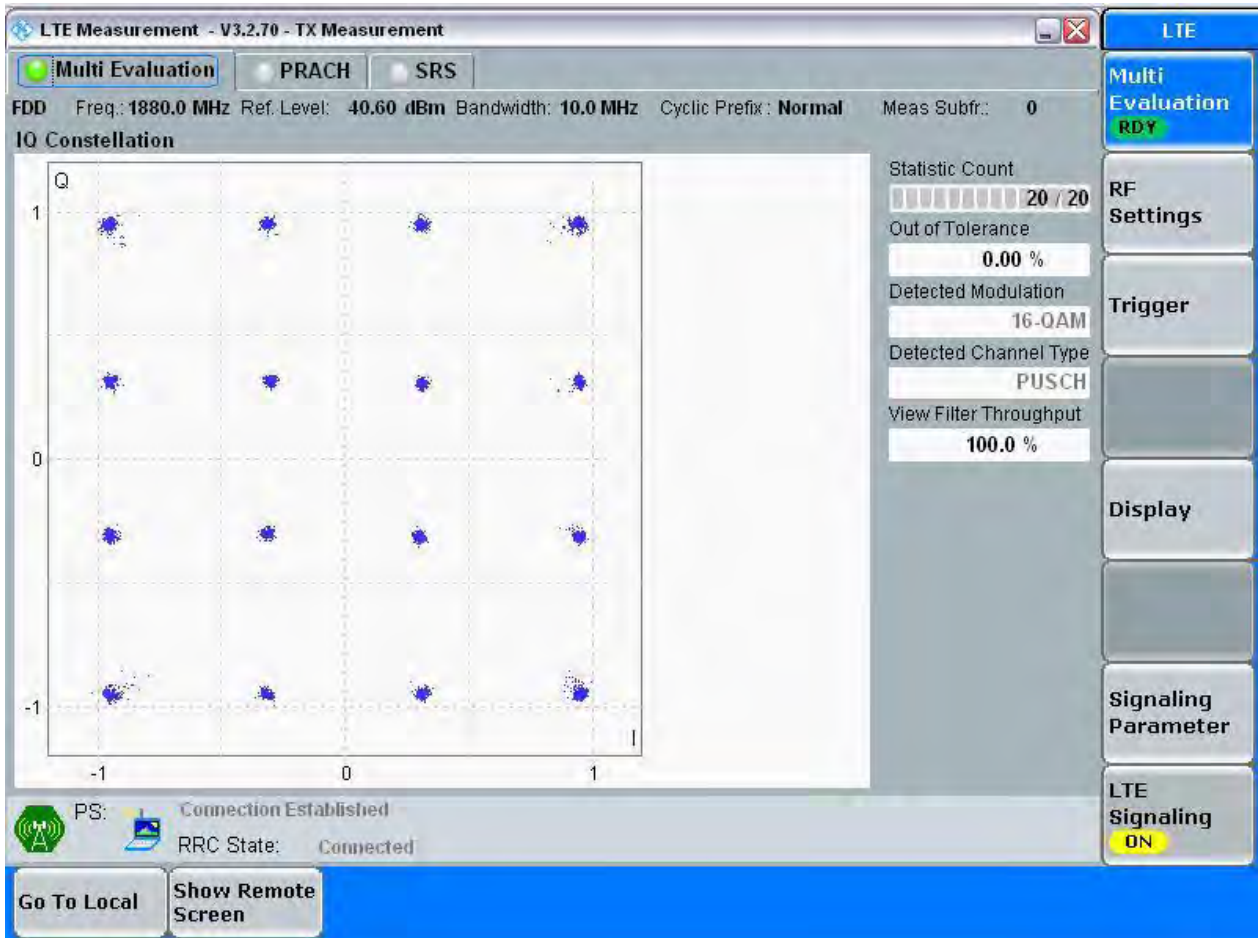
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

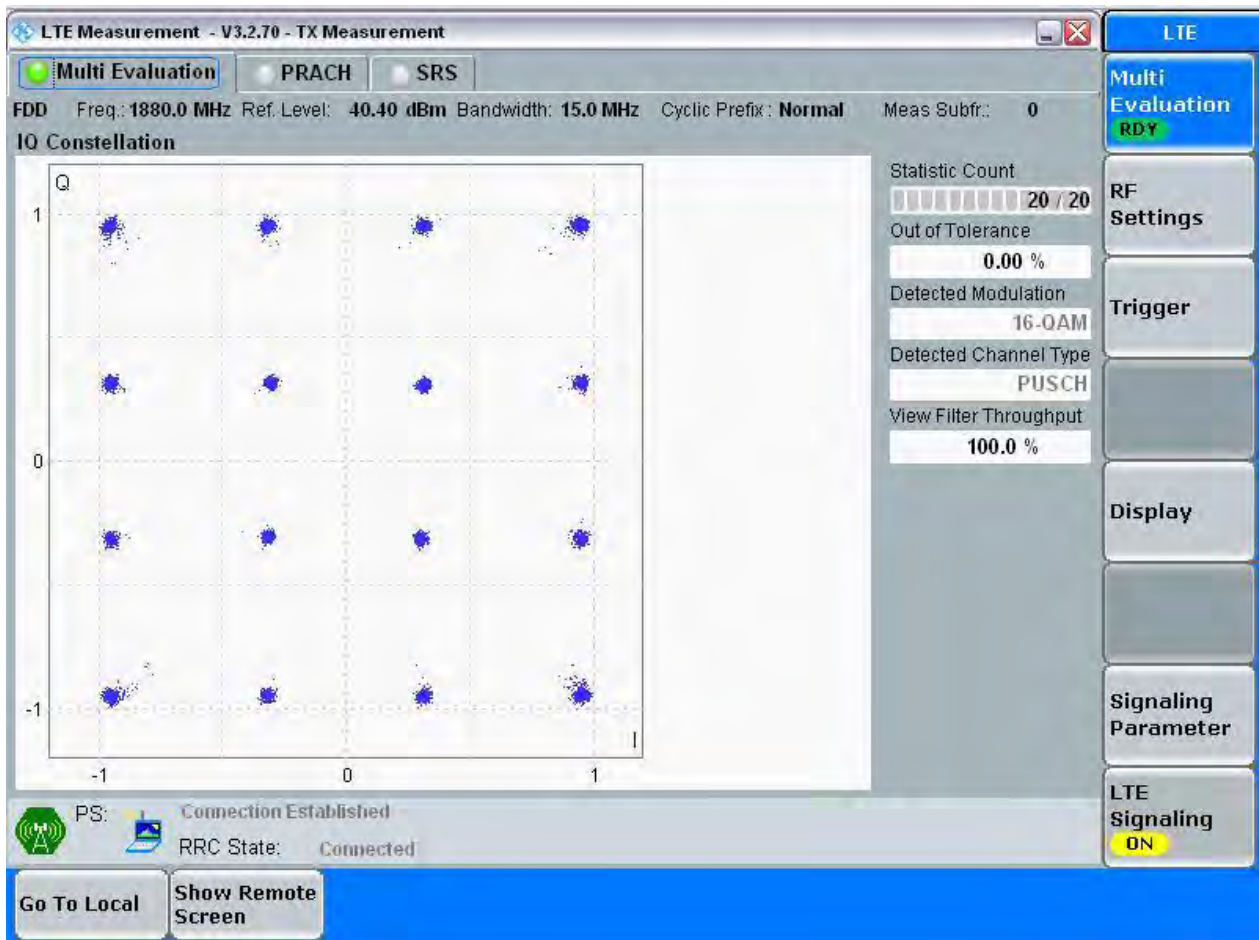
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

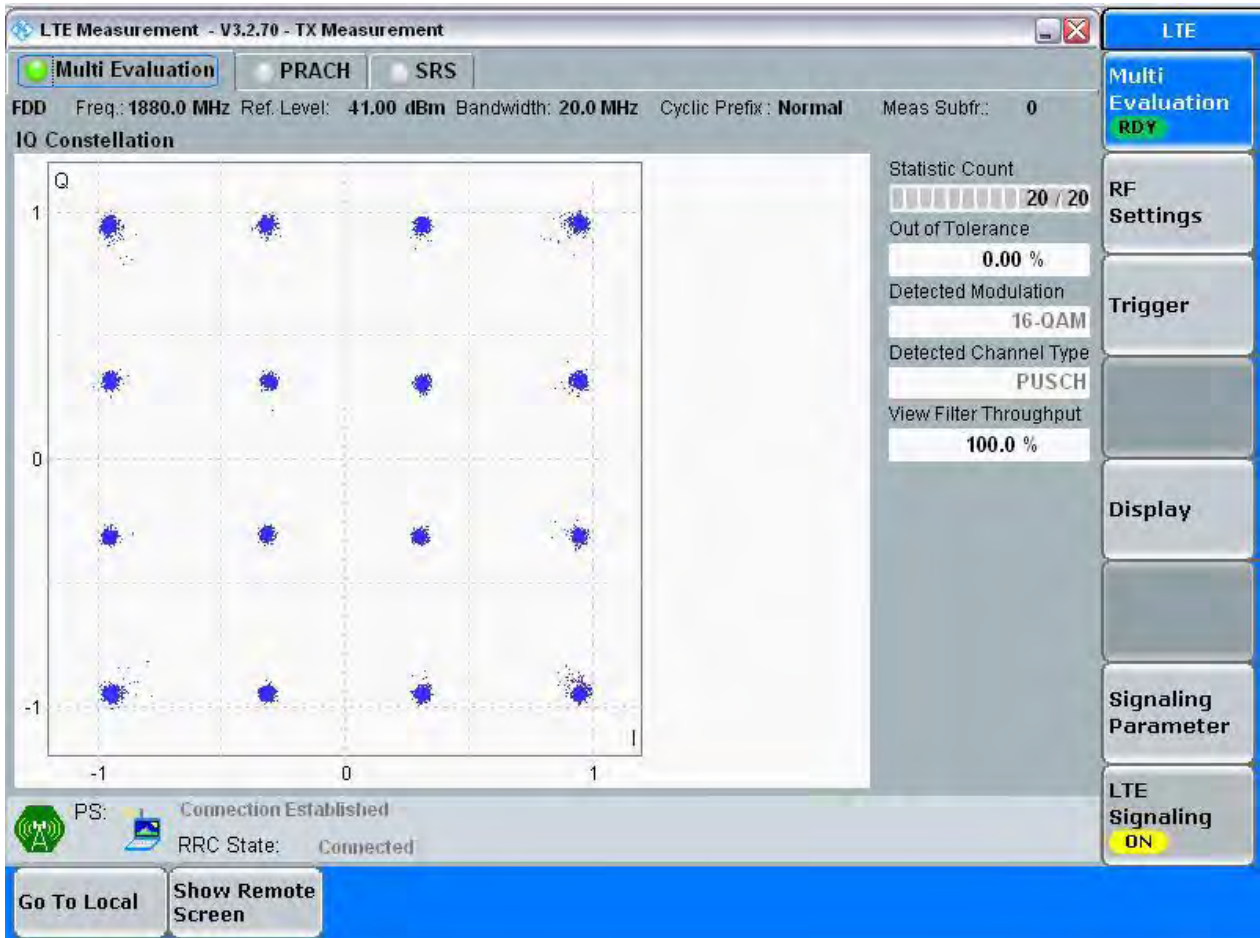
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	1.10	1.24	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.71	2.96	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	9.00	9.86	Pass
			MCH	RB50#0	9.00	9.90	Pass
			HCH	RB50#0	8.99	9.90	Pass
		15	LCH	RB75#0	13.48	14.92	Pass
			MCH	RB75#0	13.52	14.98	Pass
			HCH	RB75#0	13.53	15.01	Pass
		20	LCH	RB100#0	17.97	19.72	Pass
			MCH	RB100#0	18.00	19.75	Pass
			HCH	RB100#0	17.95	19.82	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	3.00	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.51	4.96	Pass
10		LCH	RB50#0	9.02	9.94	Pass	
		MCH	RB50#0	8.99	9.96	Pass	
		HCH	RB50#0	9.00	9.94	Pass	
15		LCH	RB75#0	13.49	14.99	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB75#0	13.56	15.11	Pass
			HCH	RB75#0	13.52	15.05	Pass
		20	LCH	RB100#0	17.94	19.77	Pass
			MCH	RB100#0	18.02	19.83	Pass
			HCH	RB100#0	17.97	19.75	Pass





Part II - Test Plots

4.1 For LTE

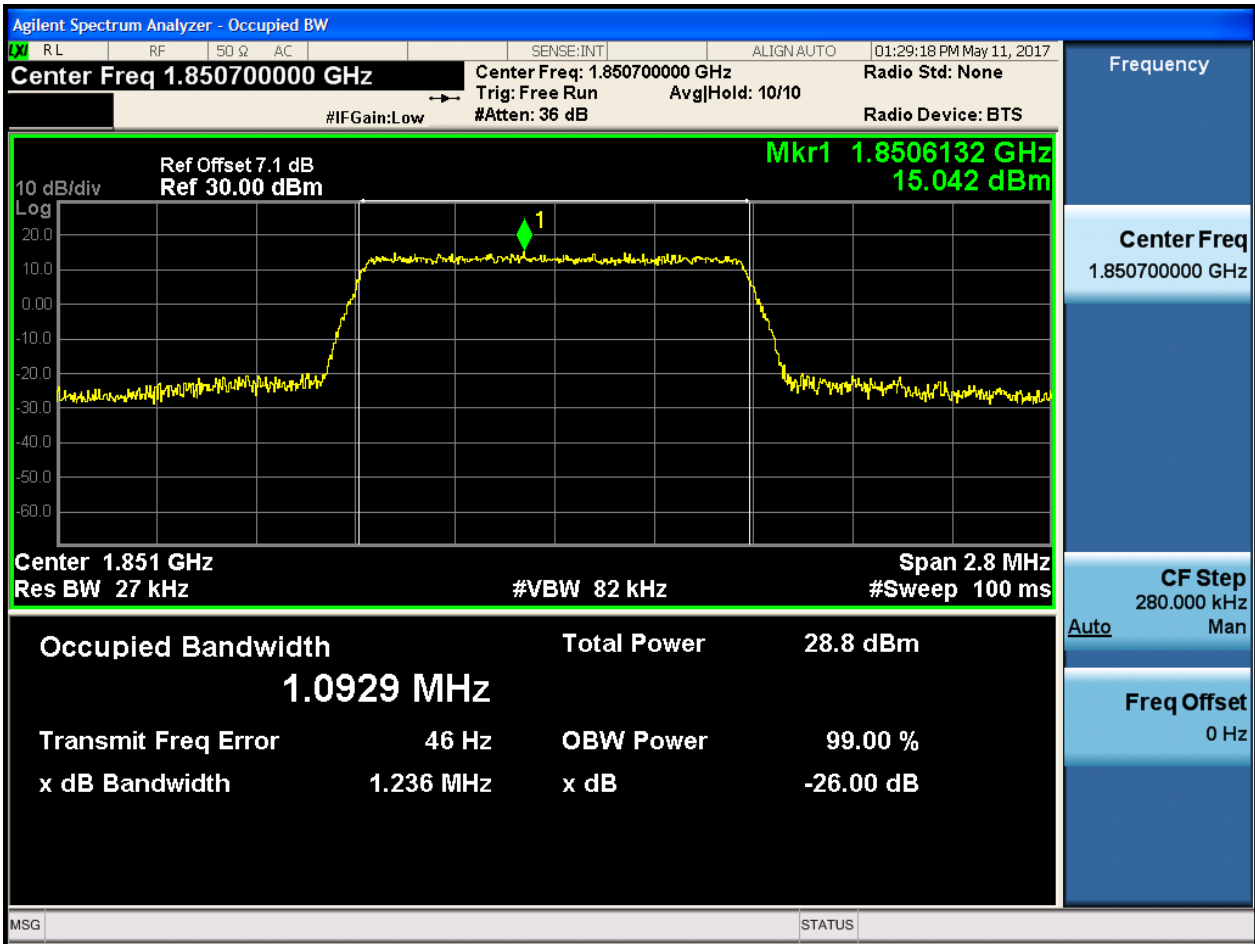
4.1.1 Test Band = BAND2

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

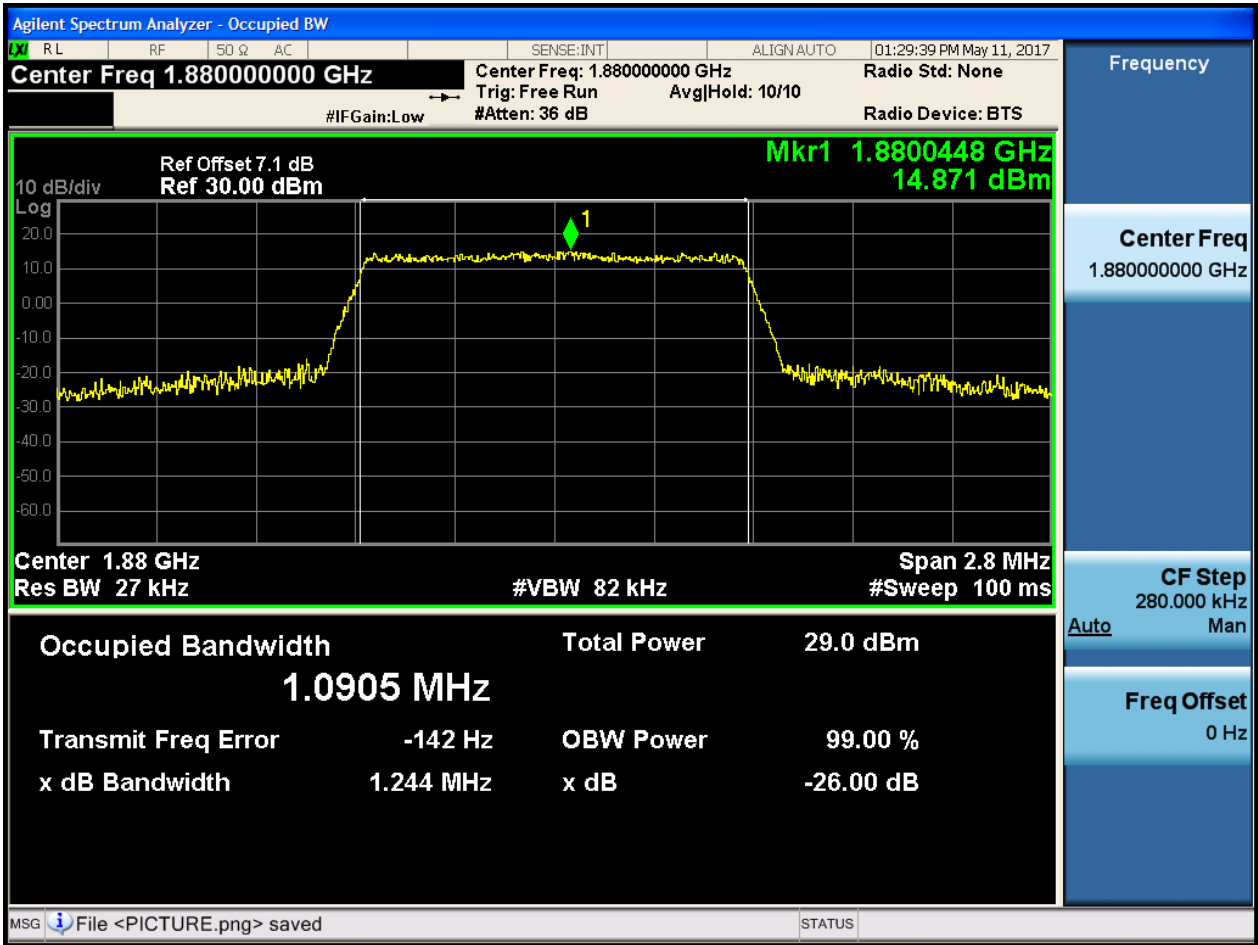
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0

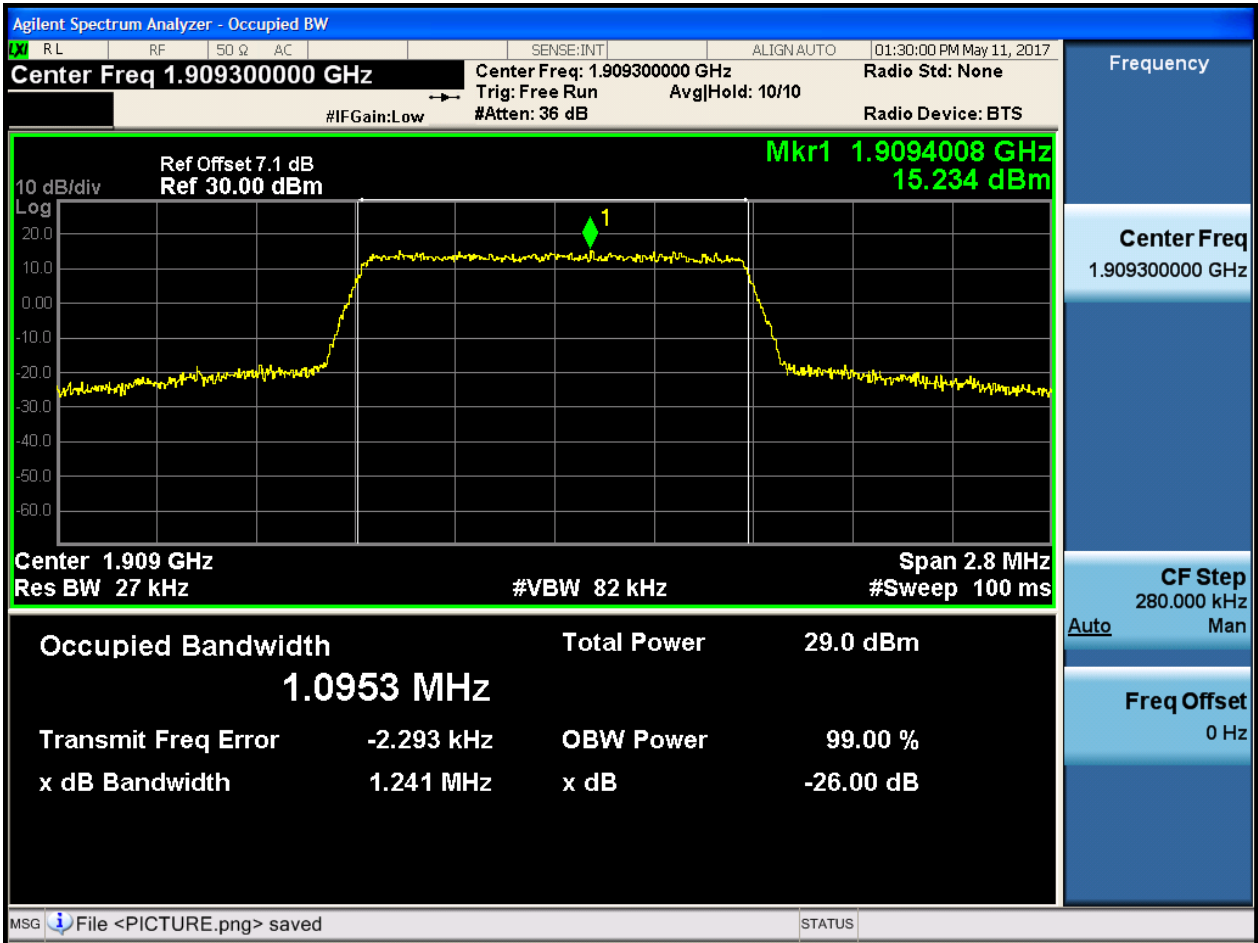






4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

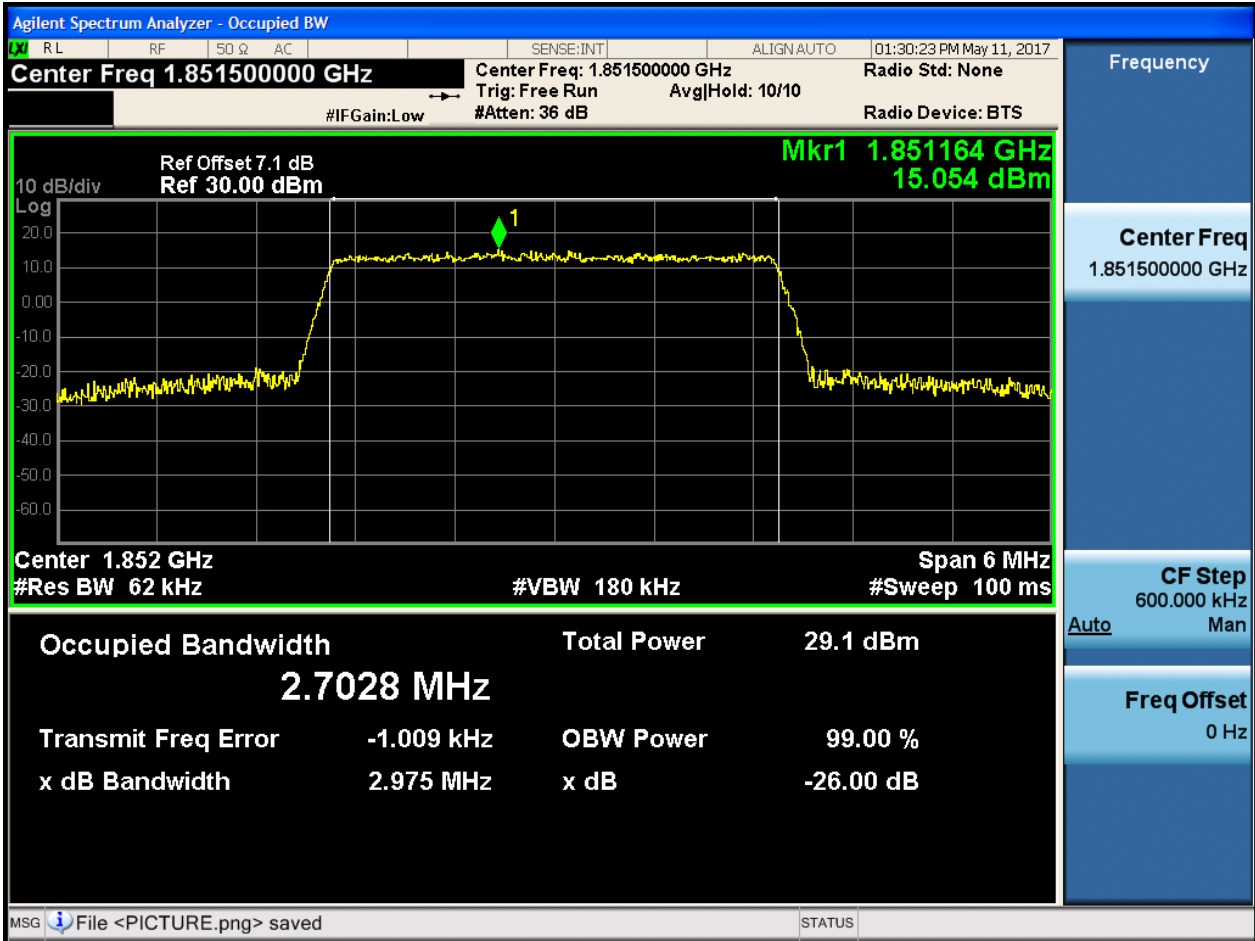




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

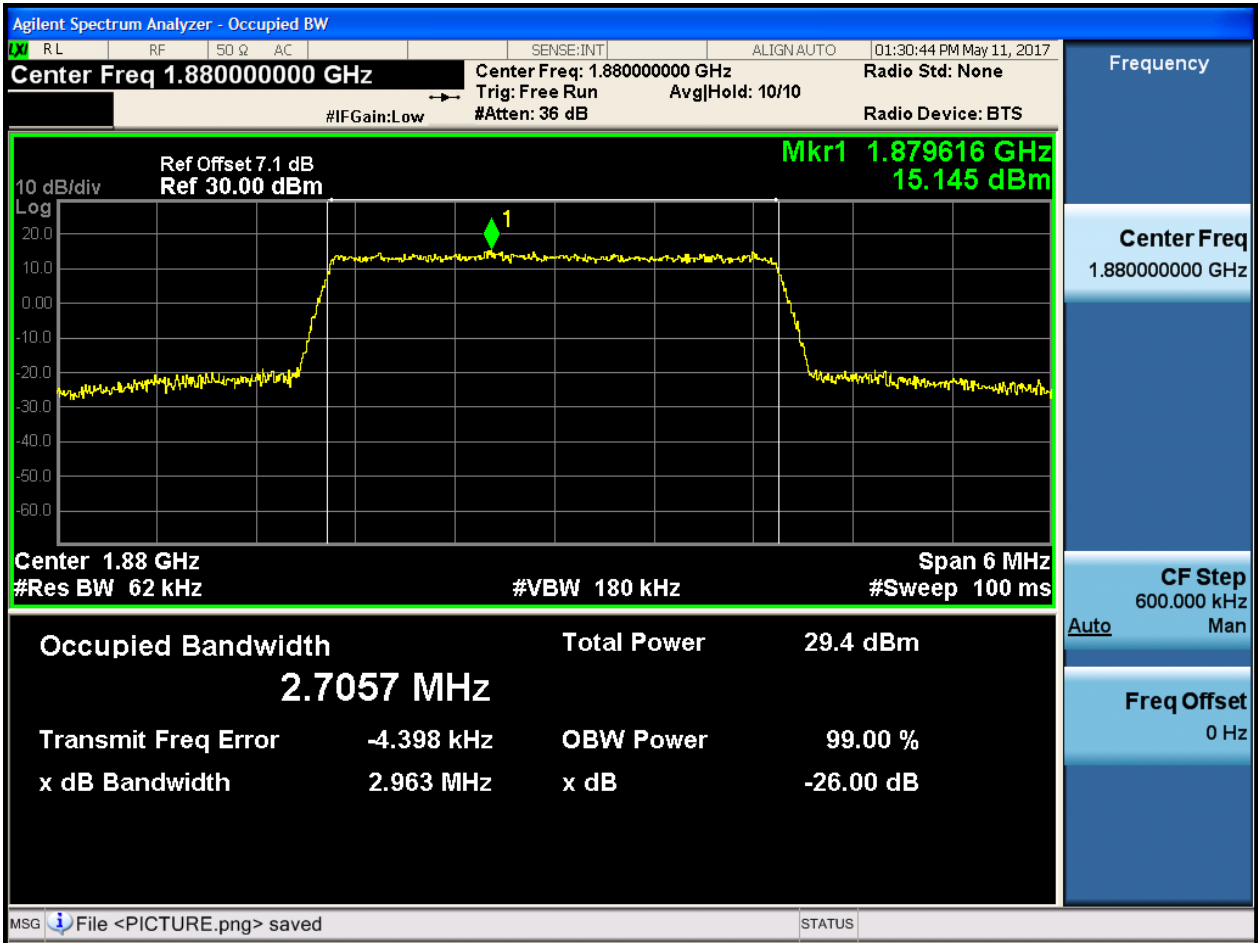
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

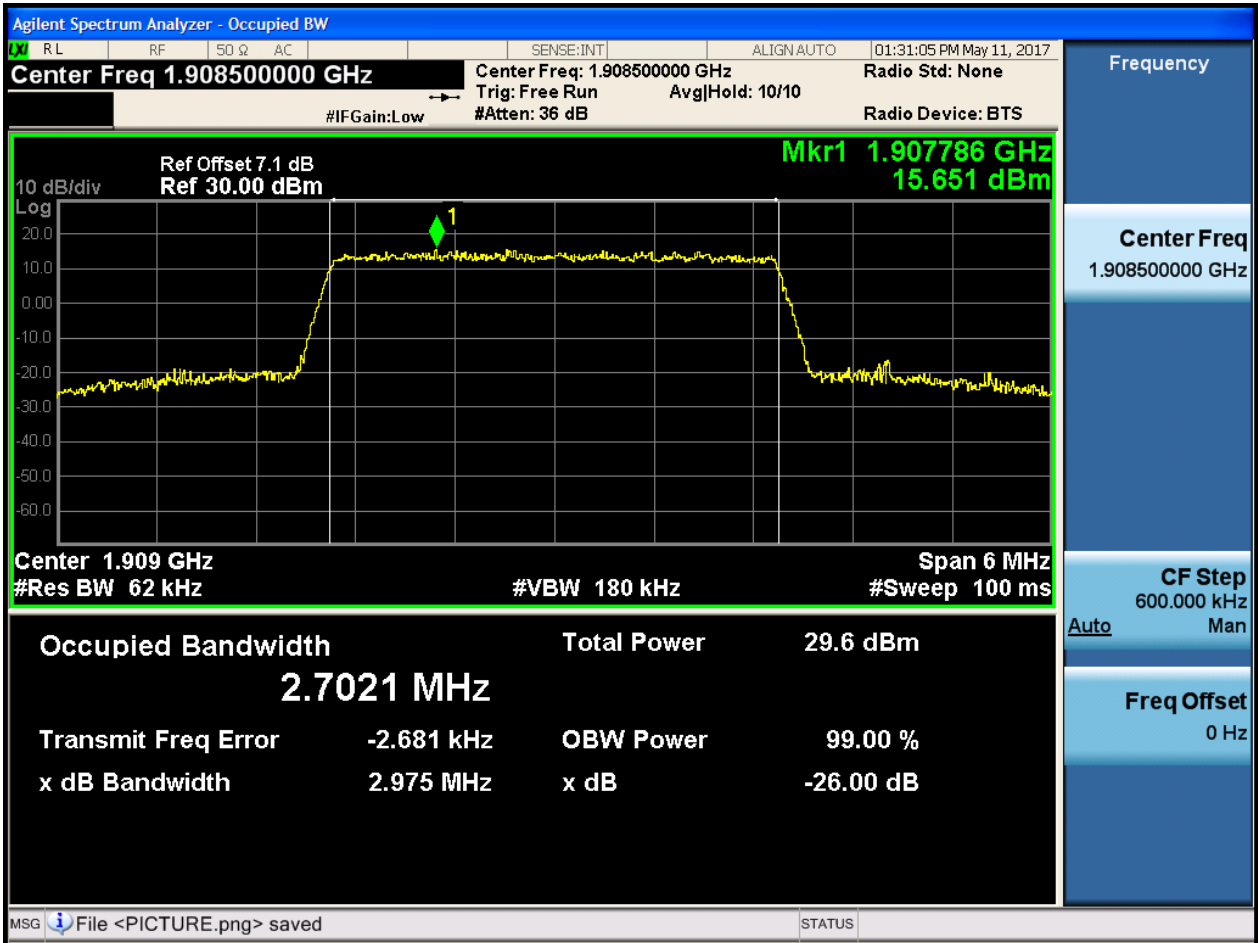
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

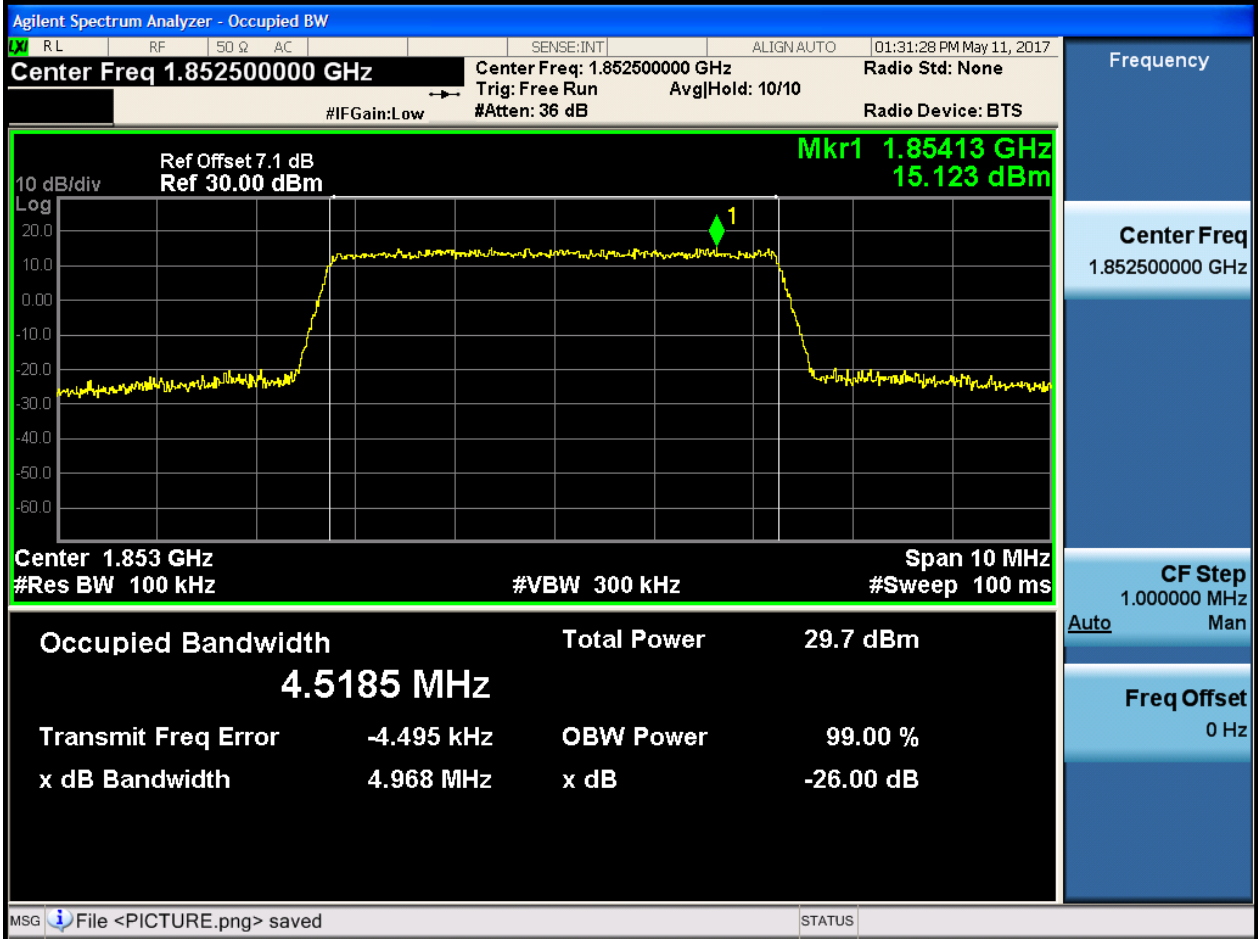




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

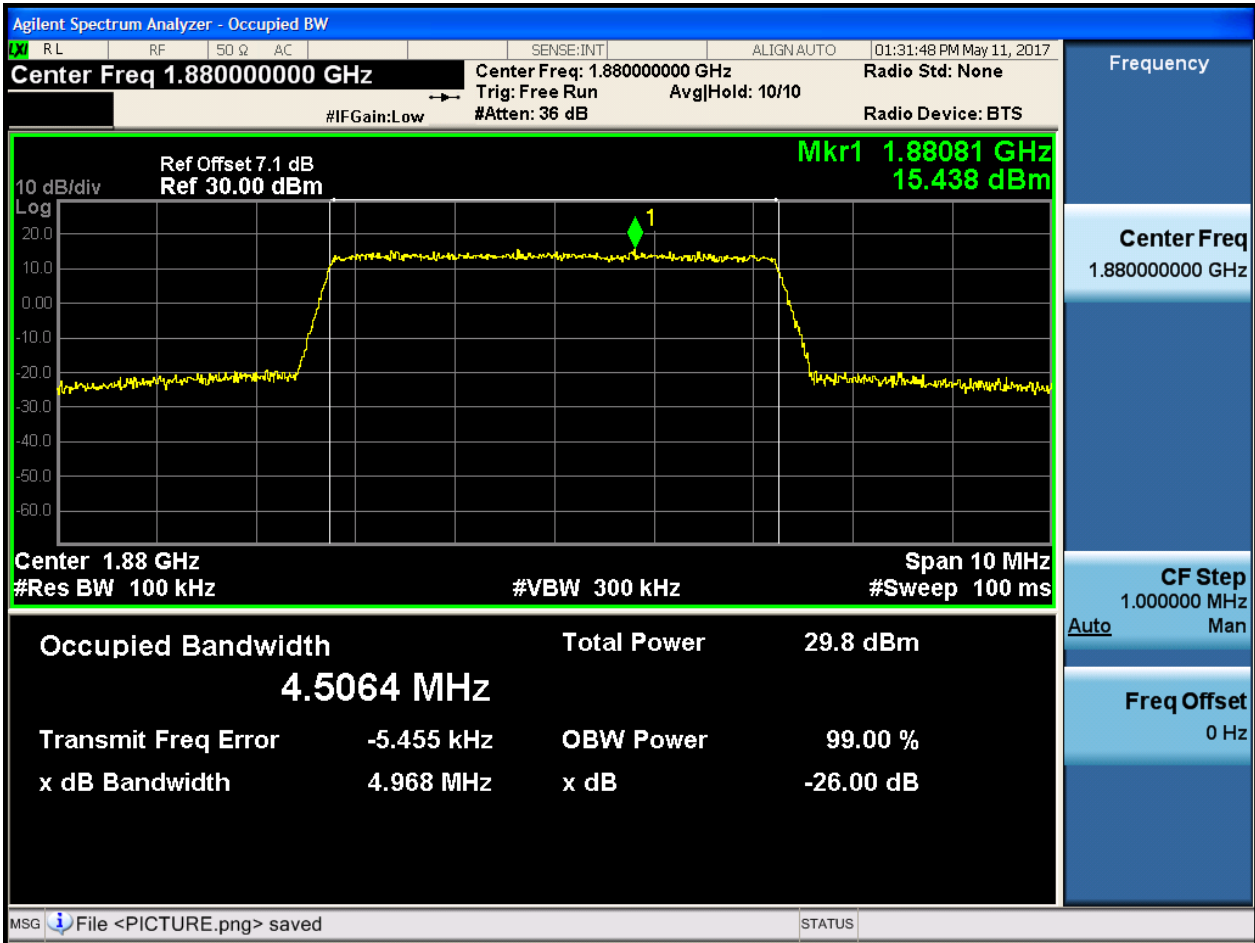
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



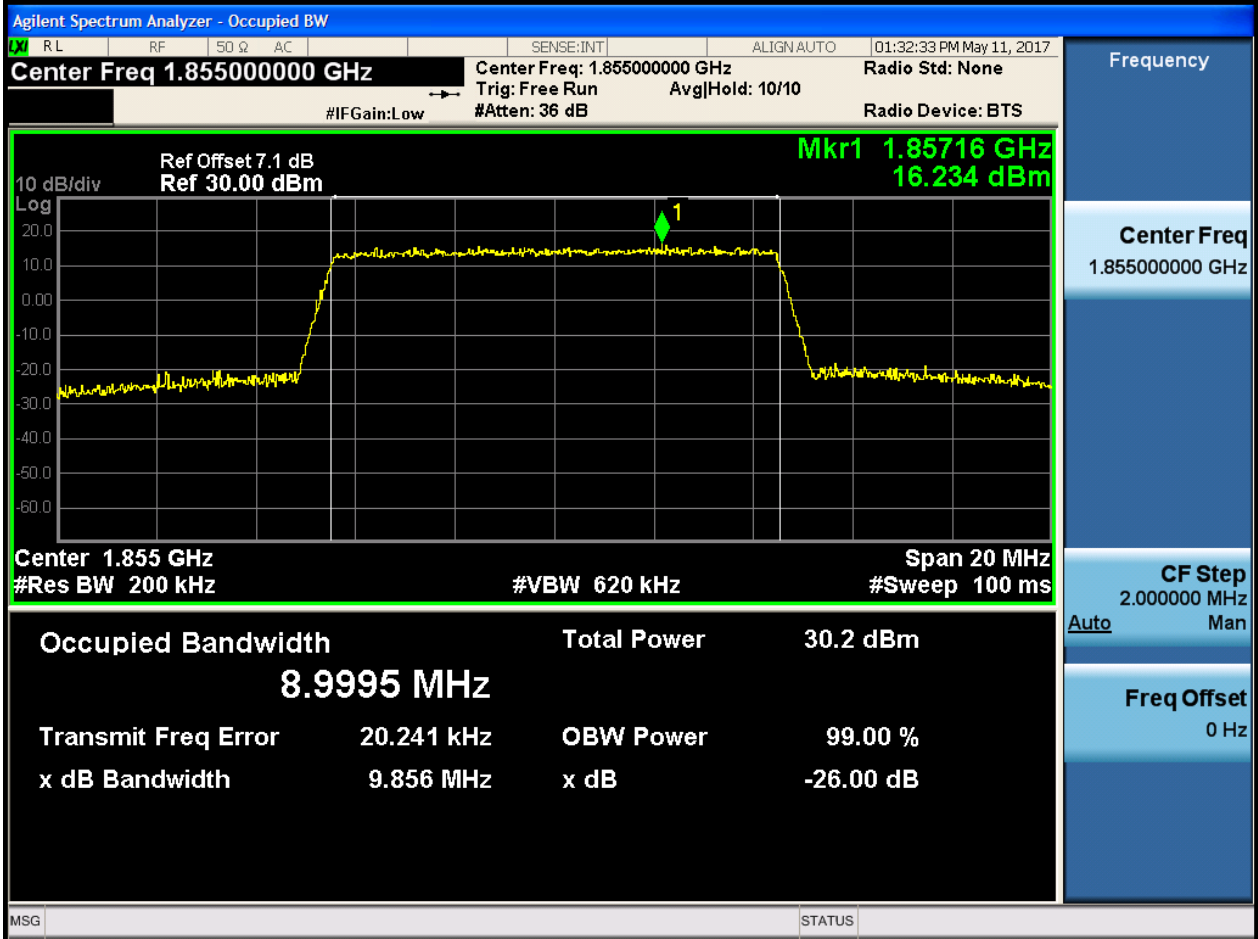




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0

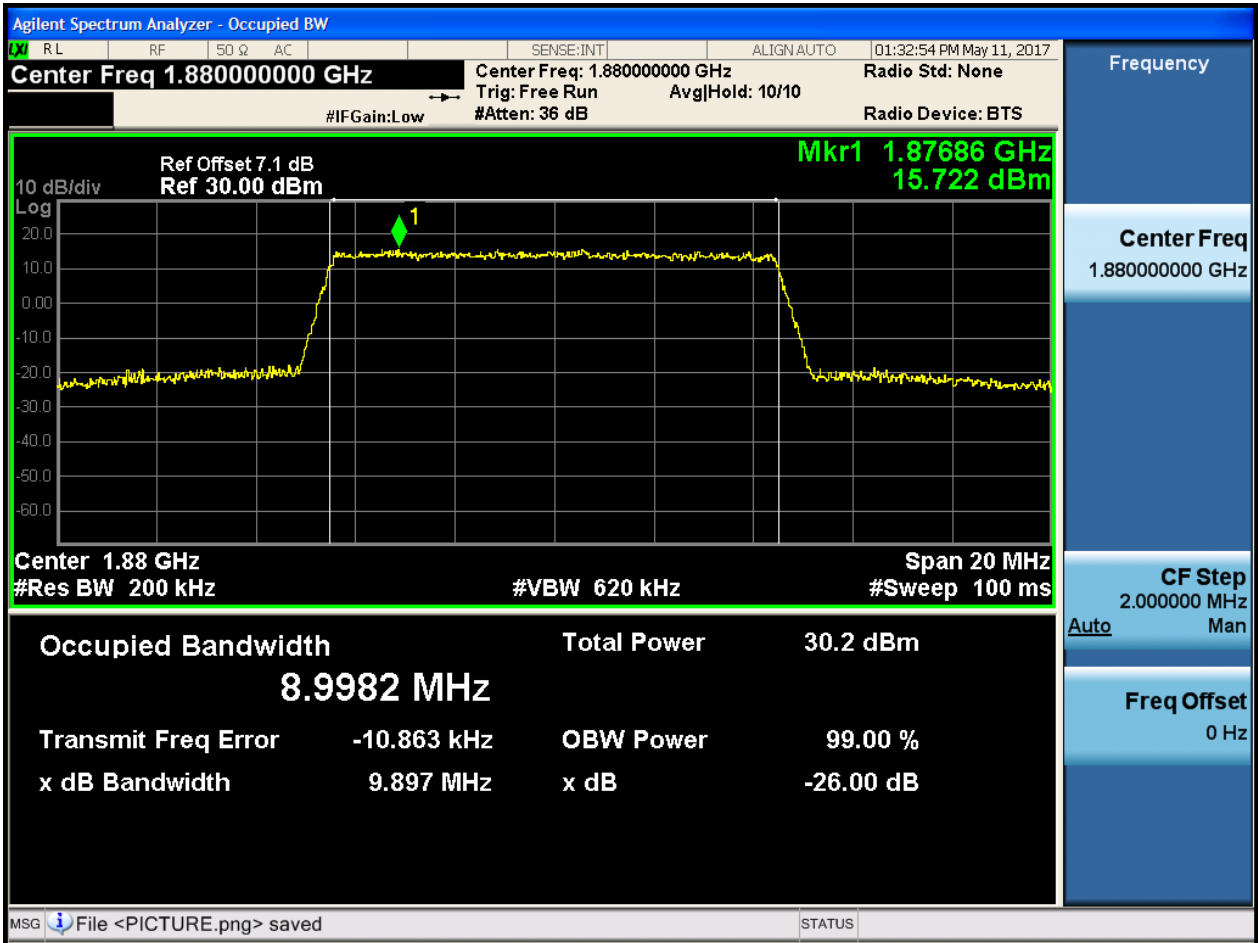






4.1.1.1.4.2 Test Channel = MCH

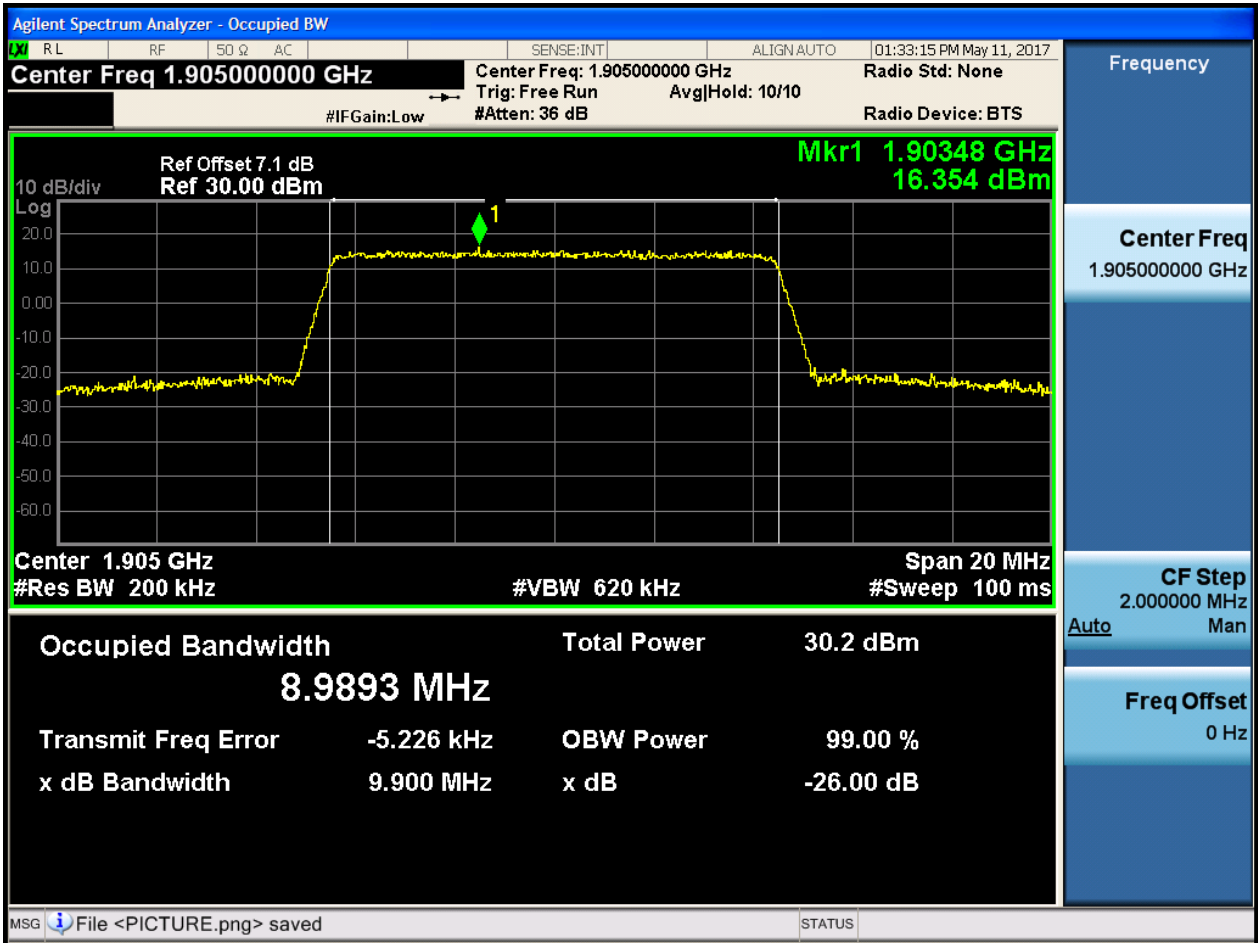
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

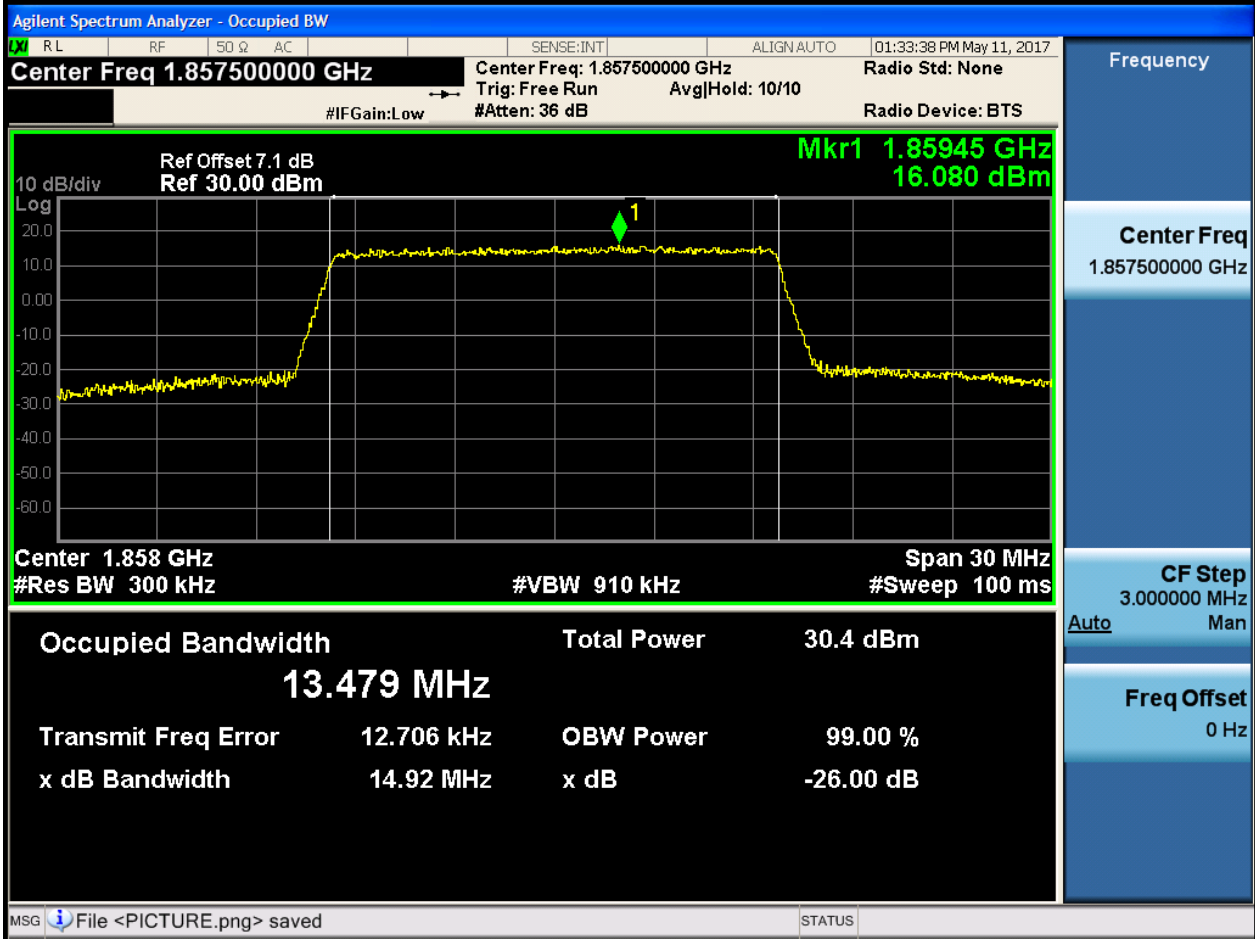




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

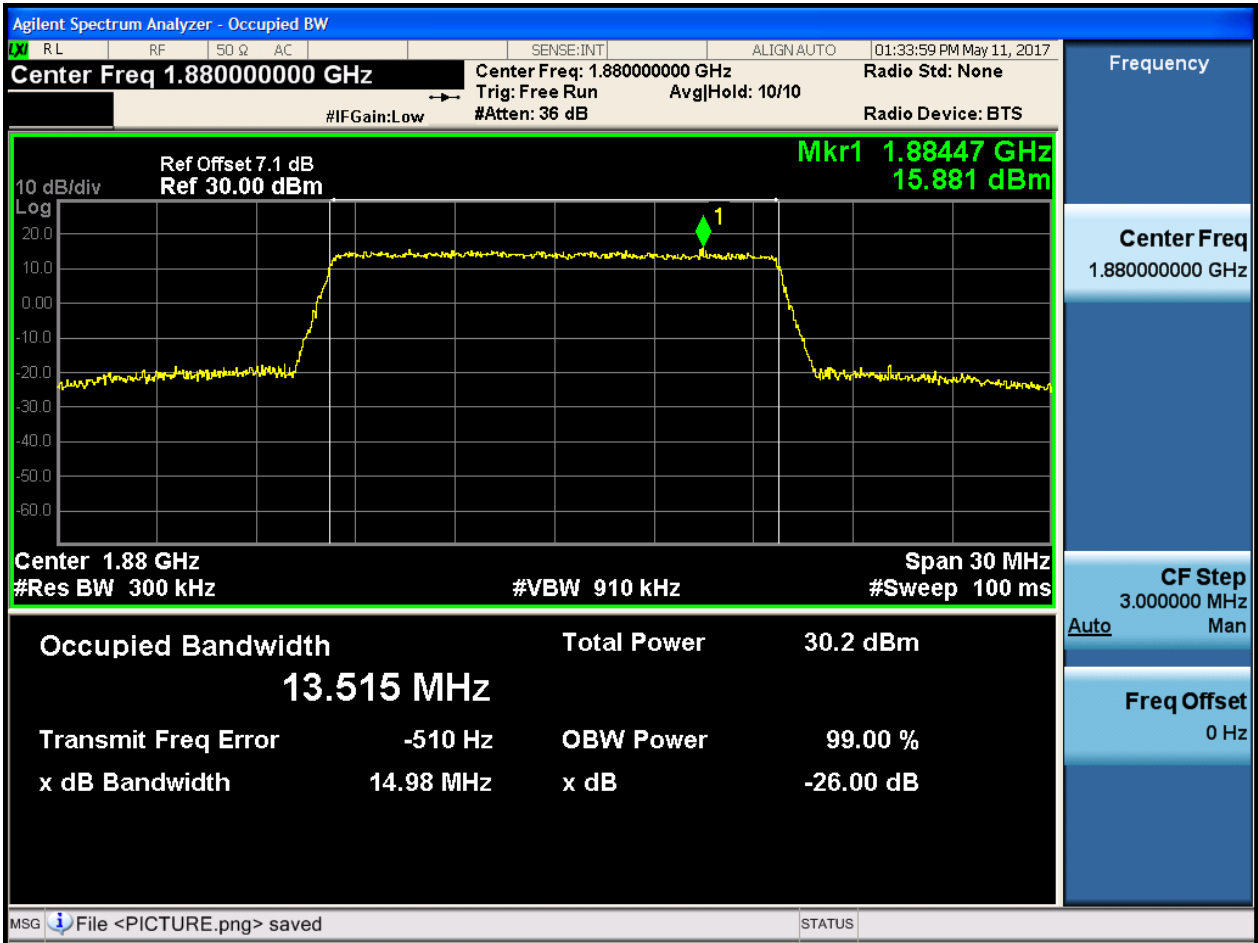
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

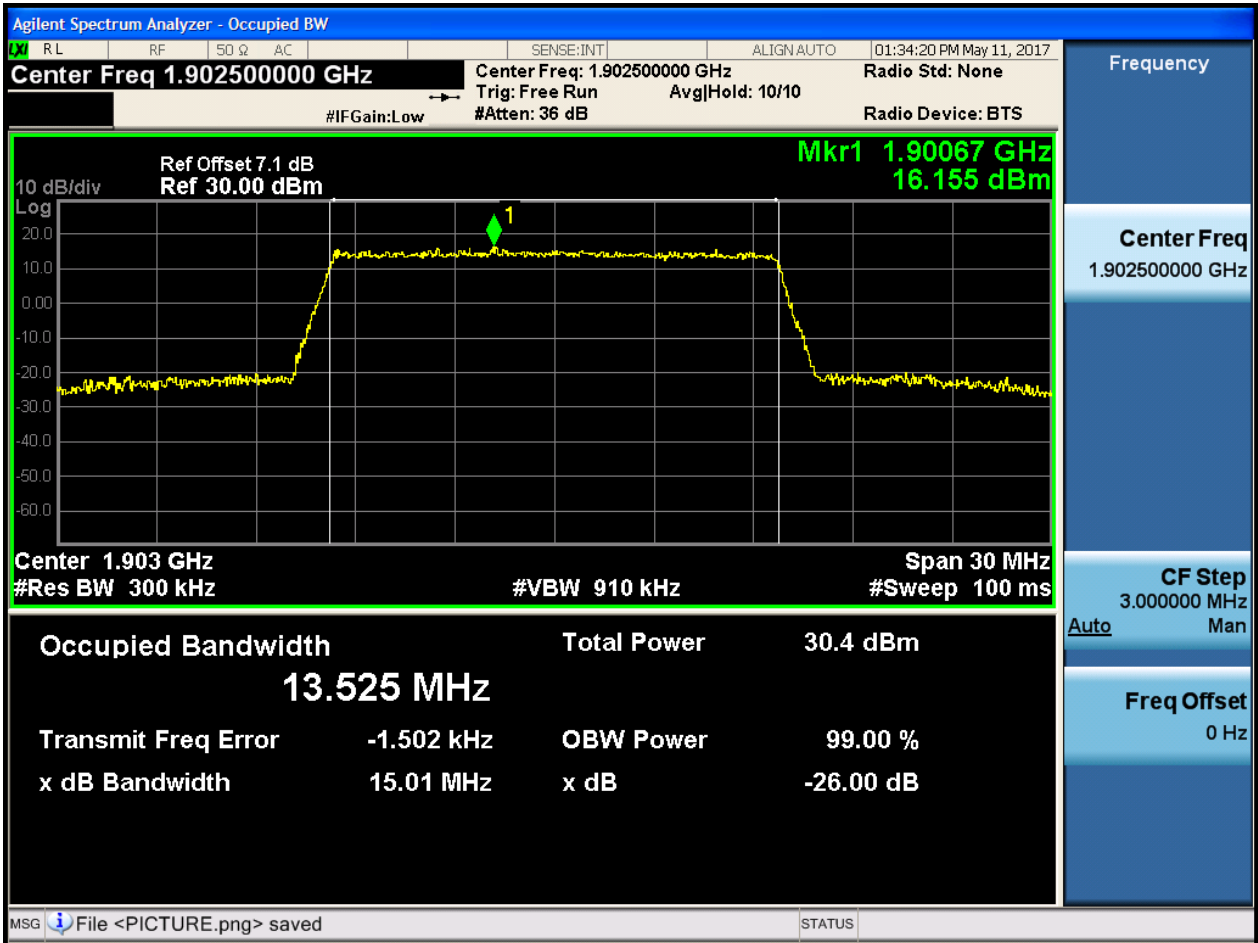
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

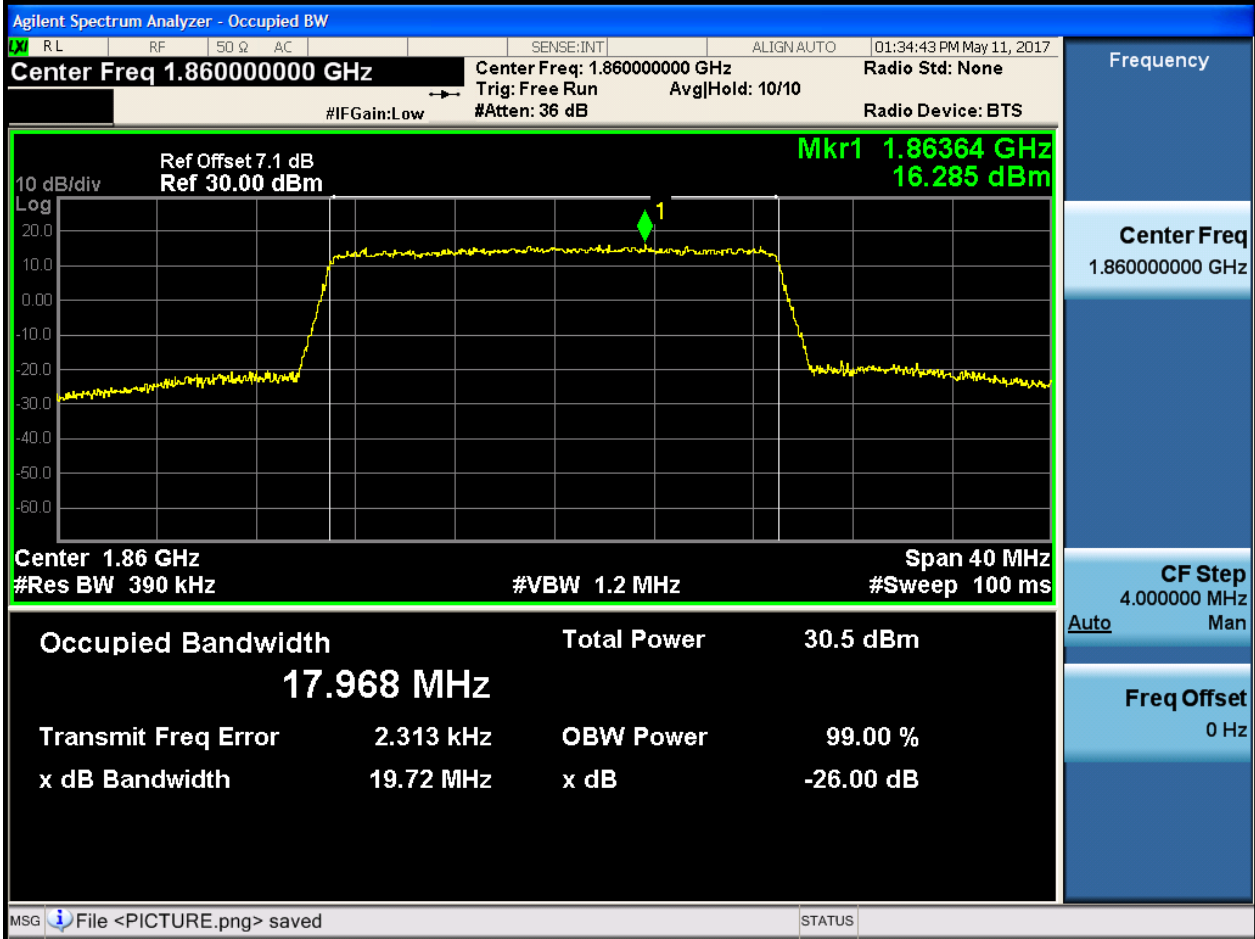




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

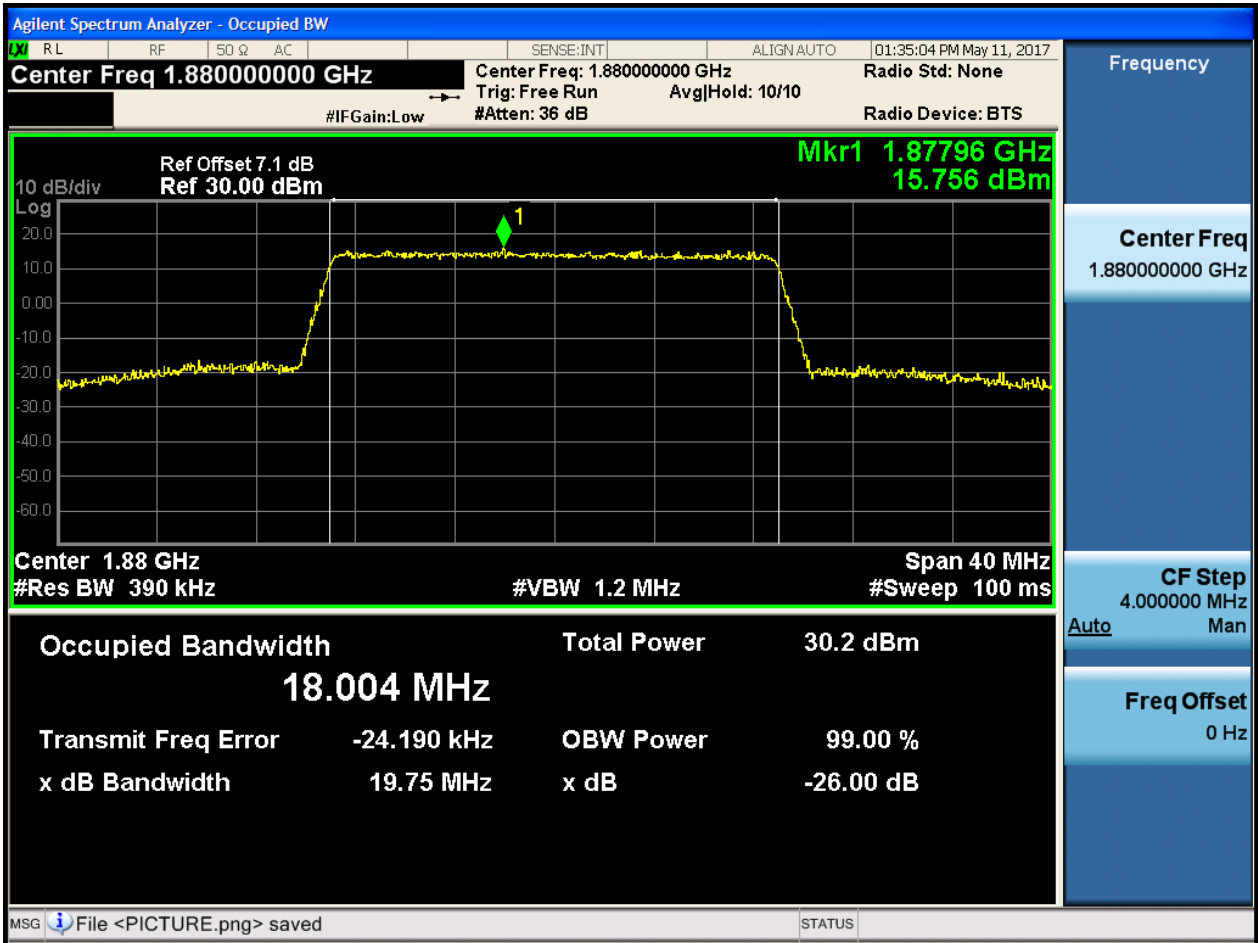
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

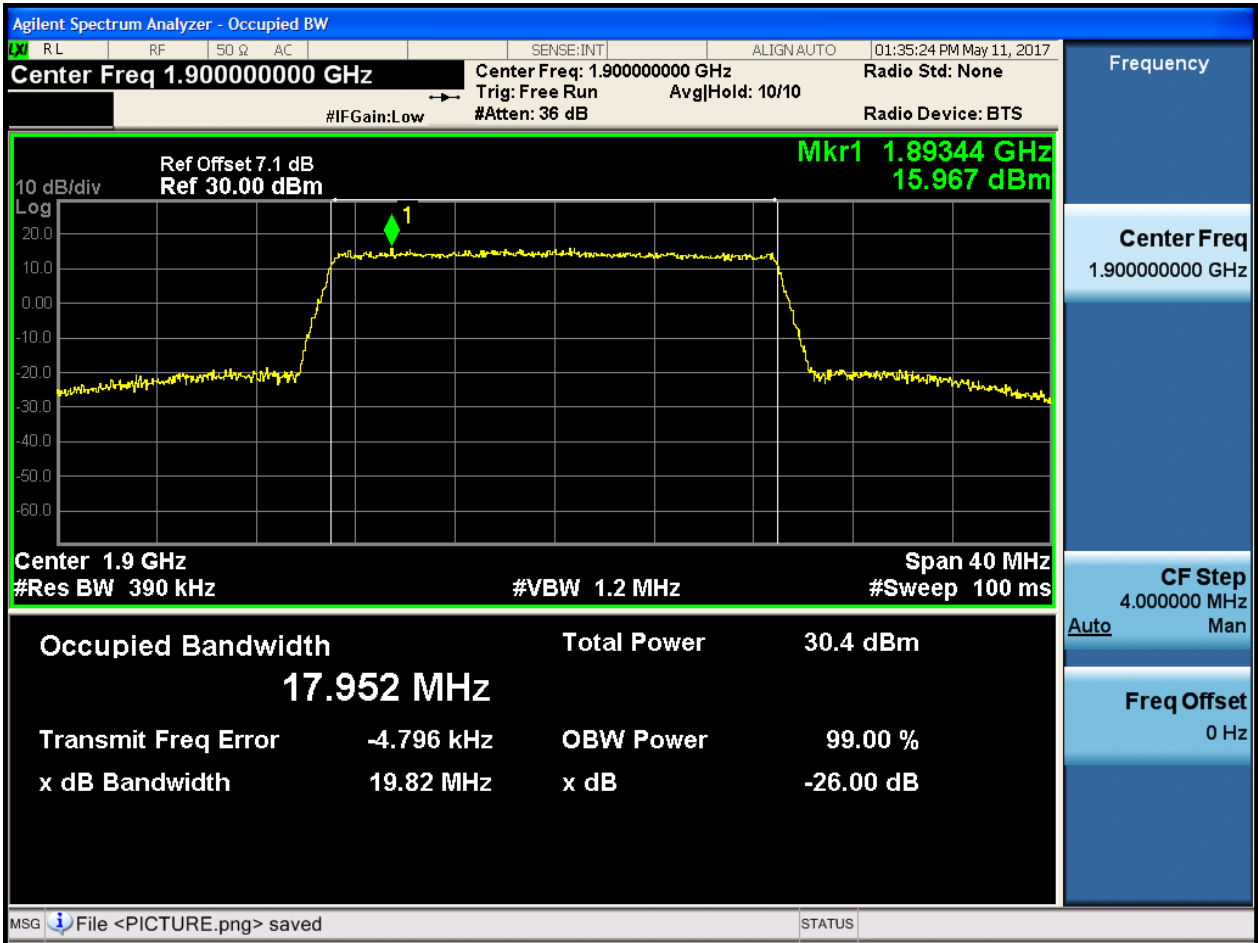
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0





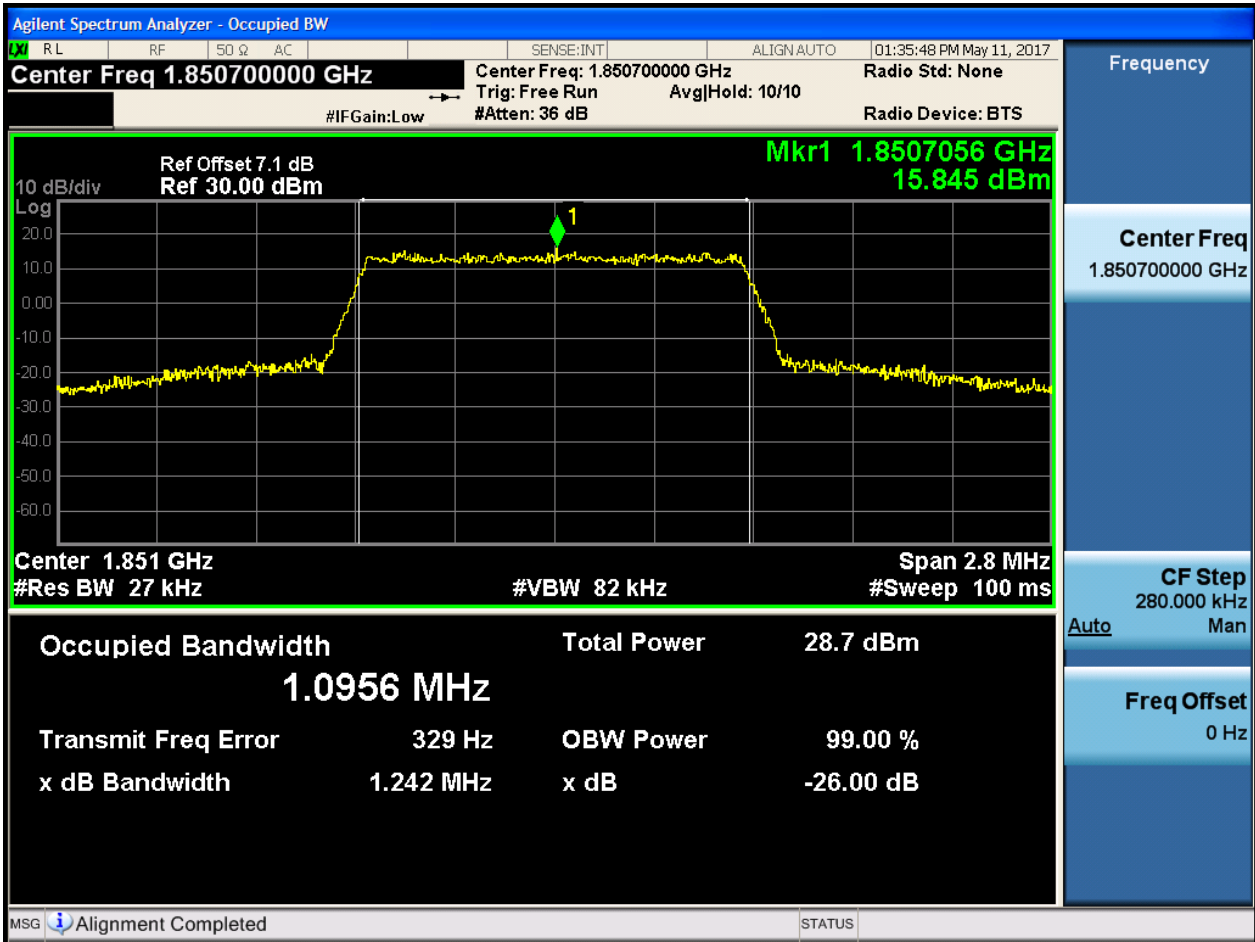


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

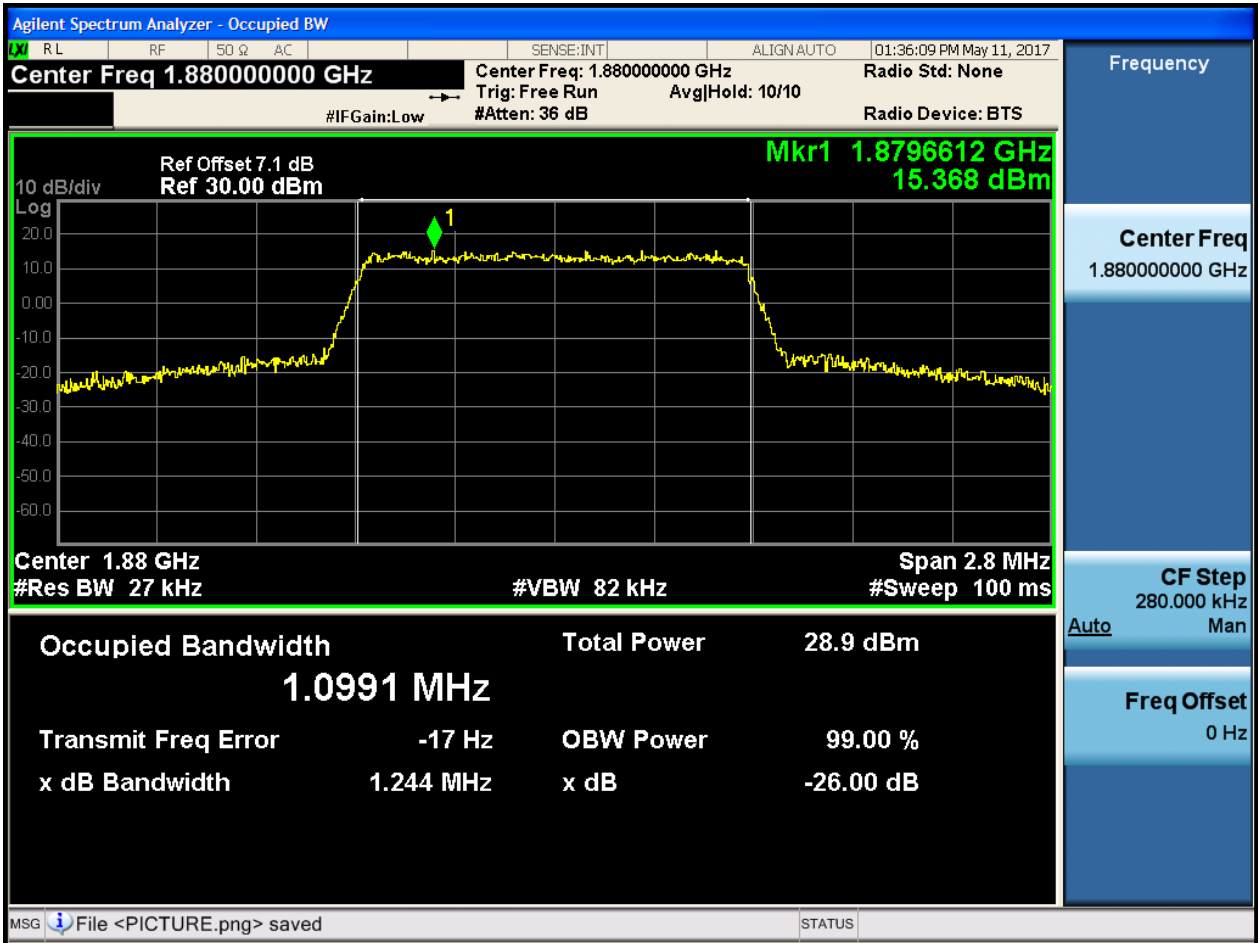
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

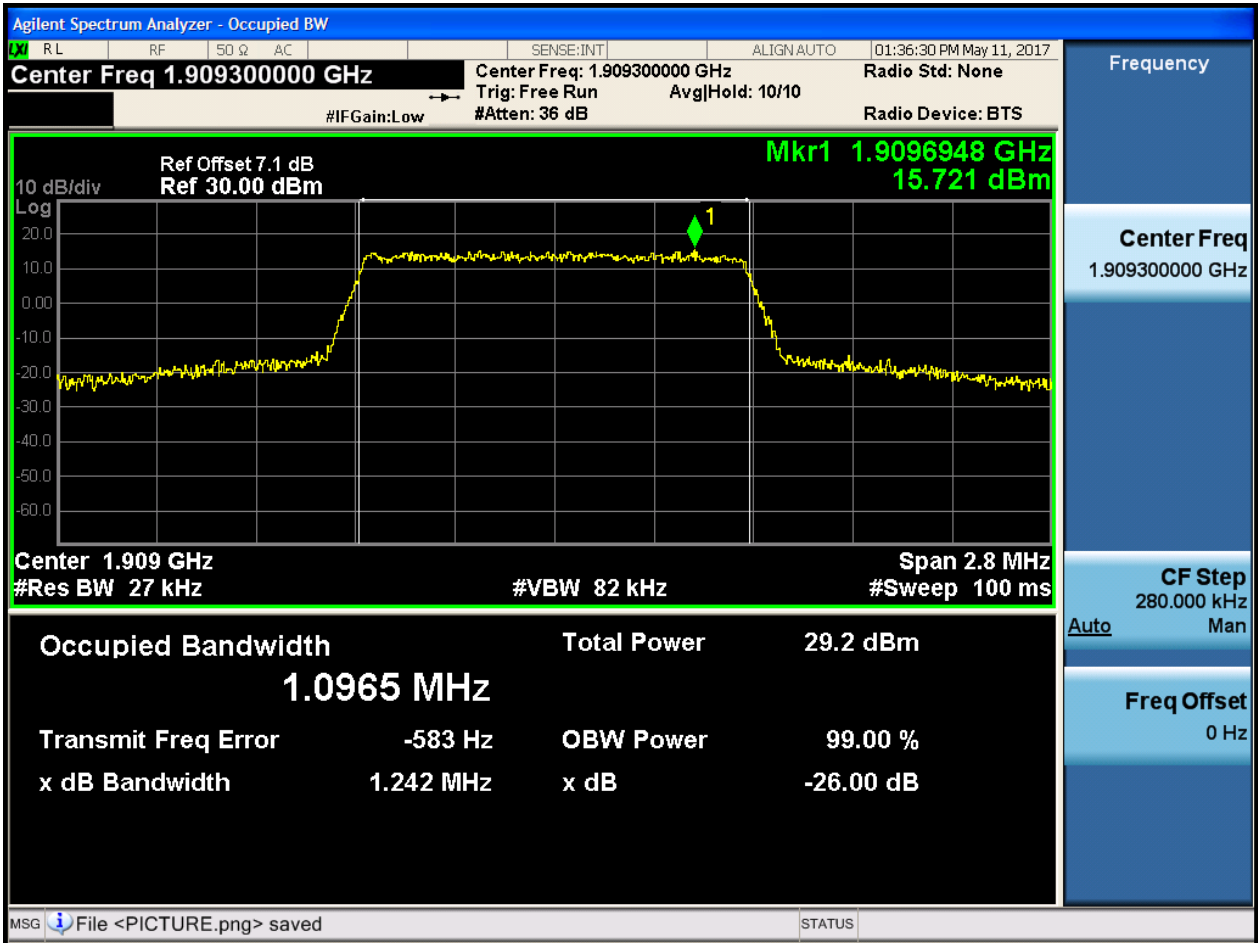
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

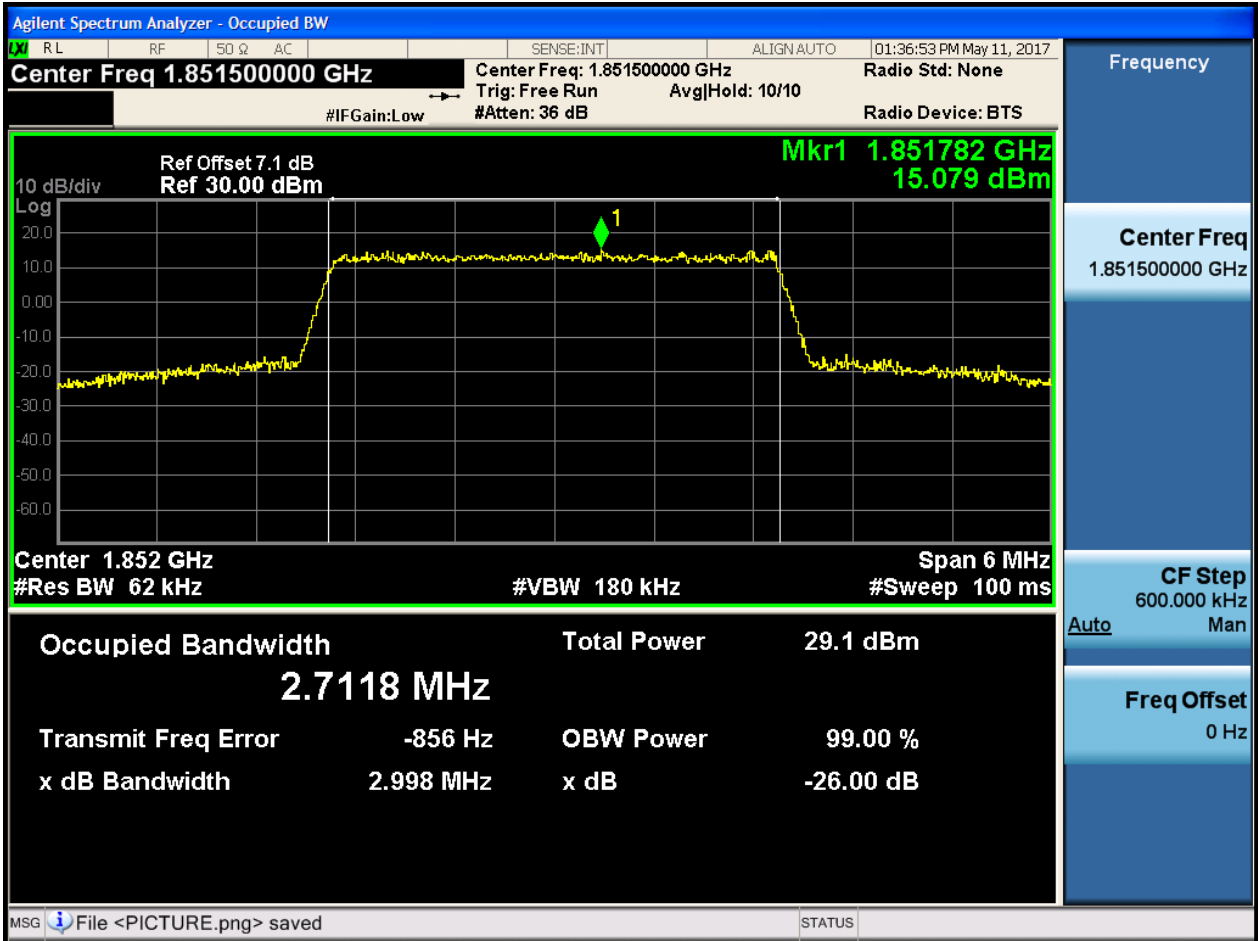




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

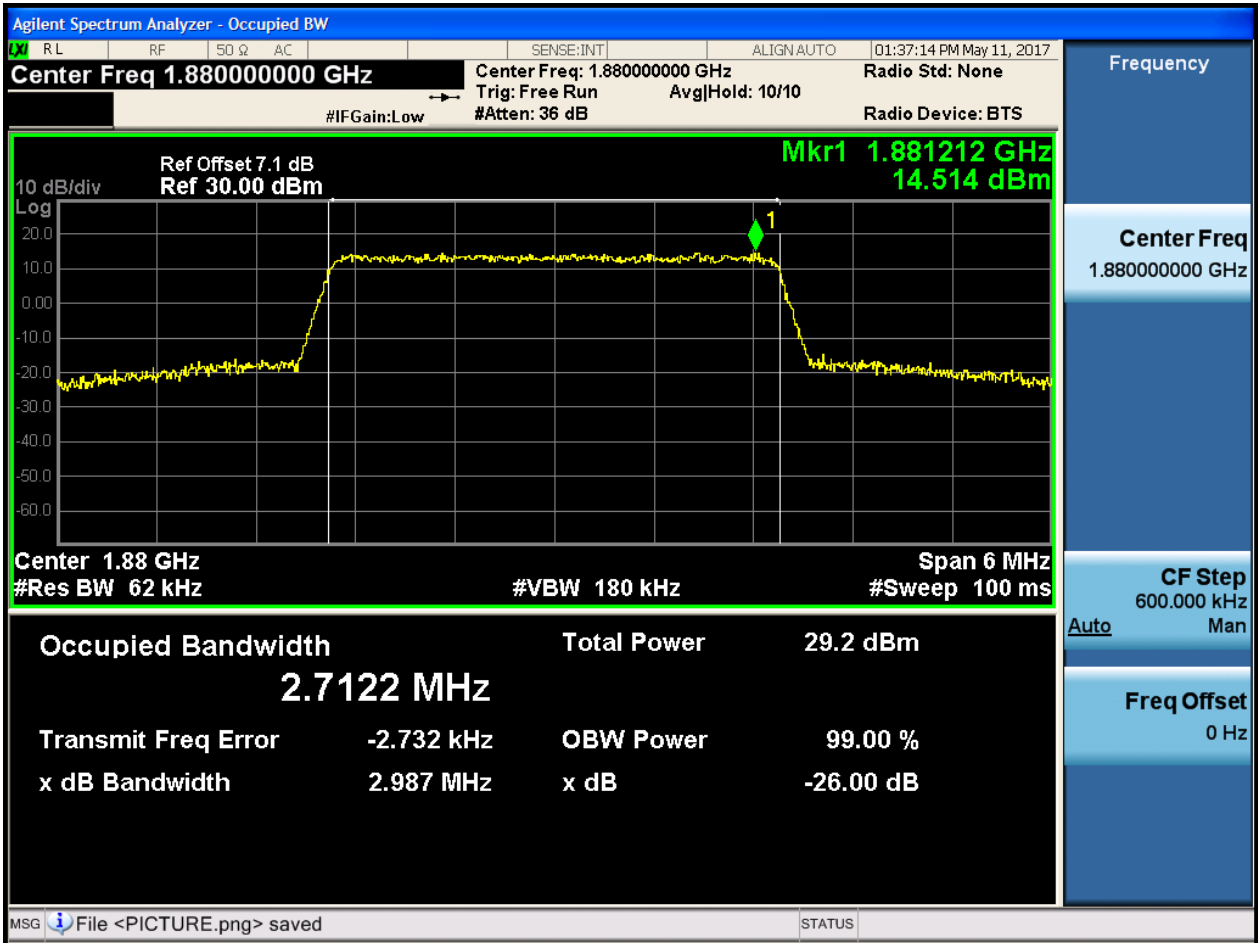
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

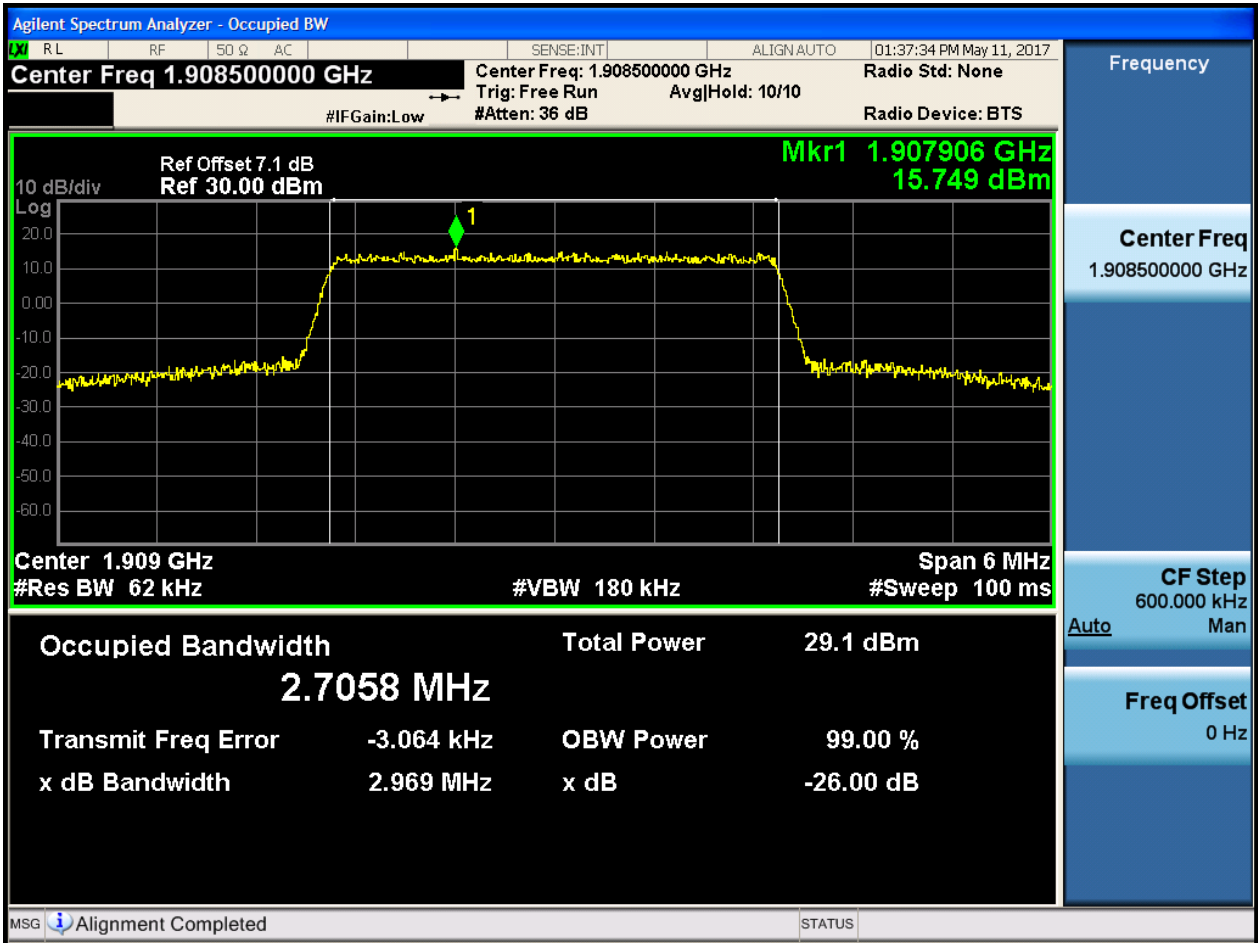
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

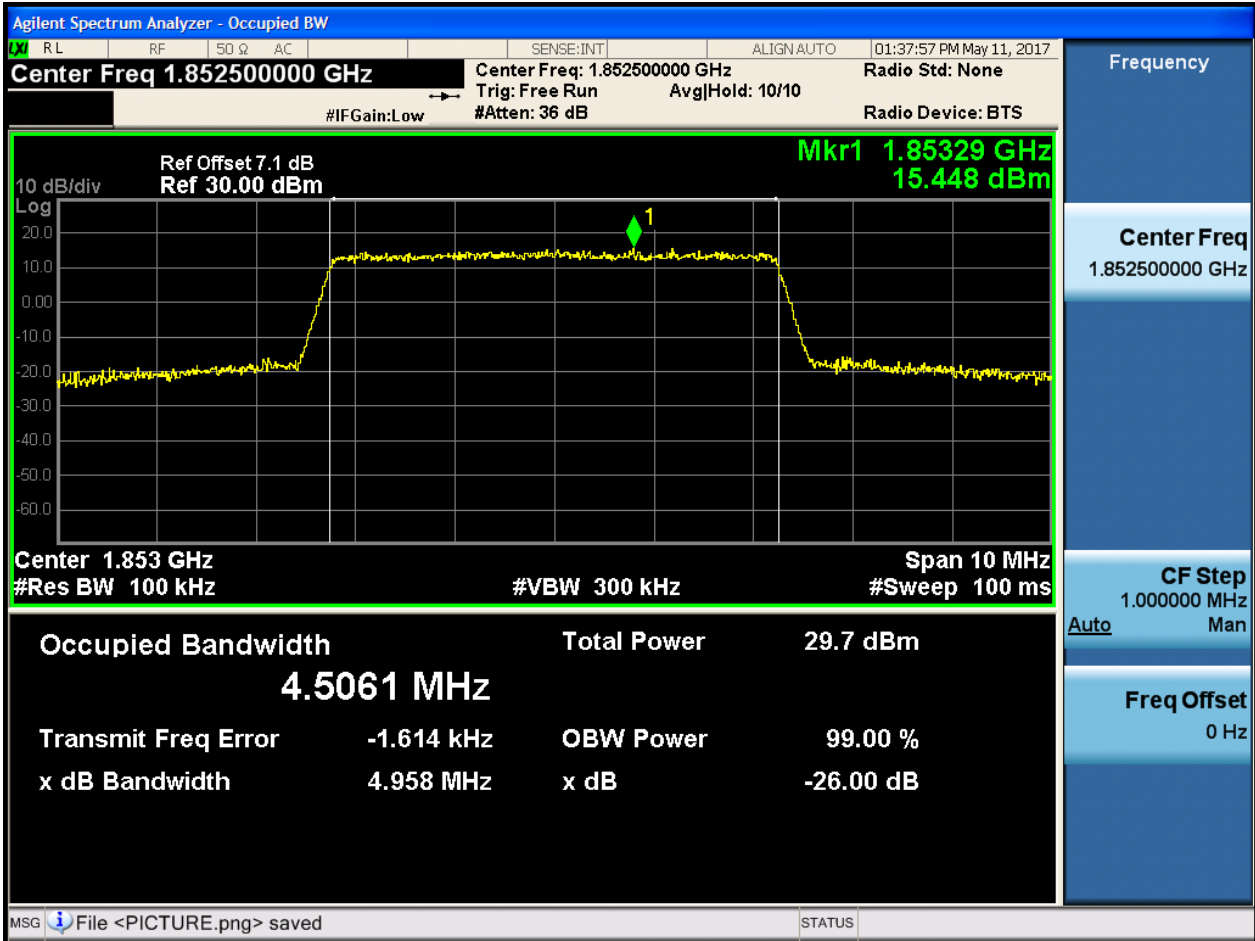




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

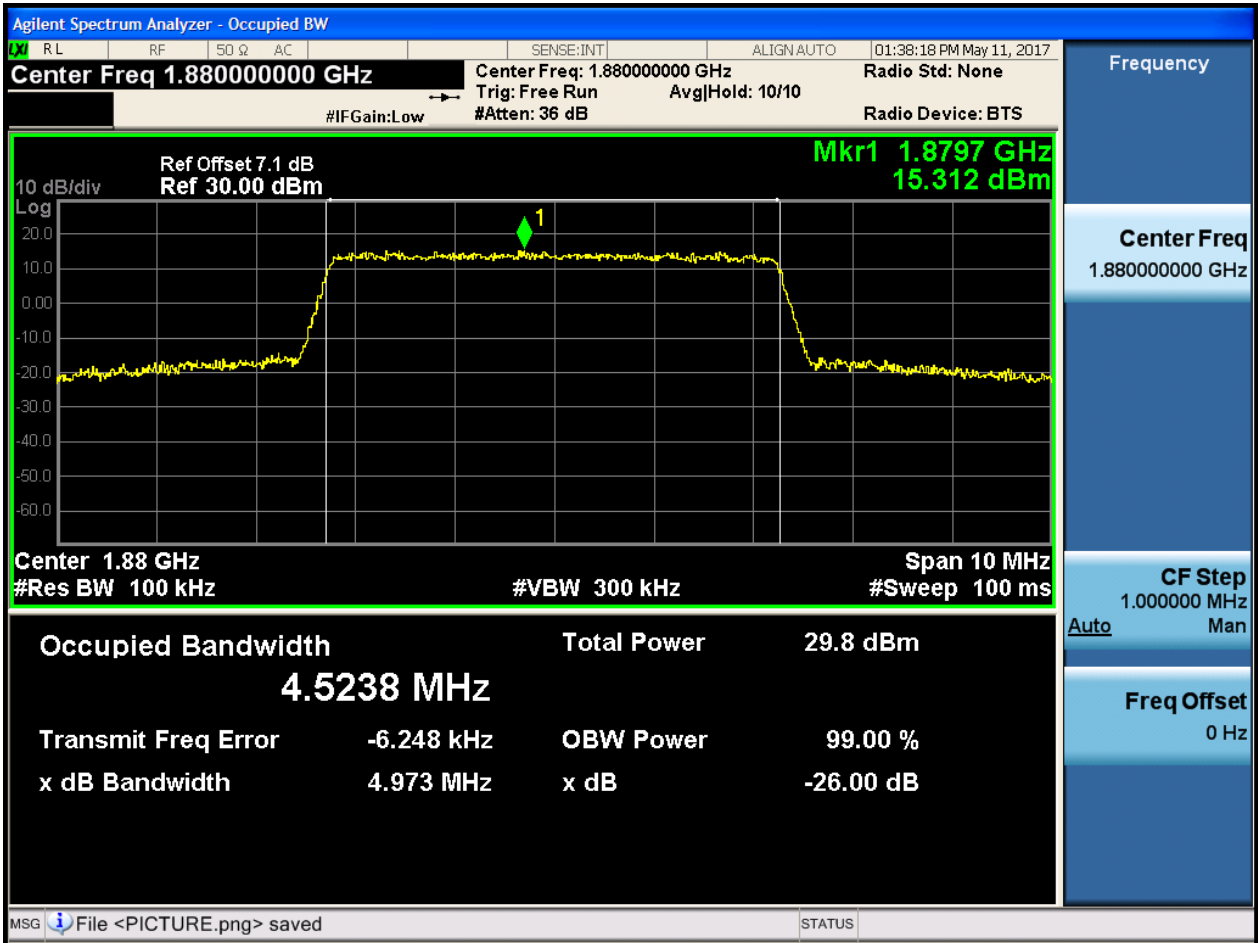
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0

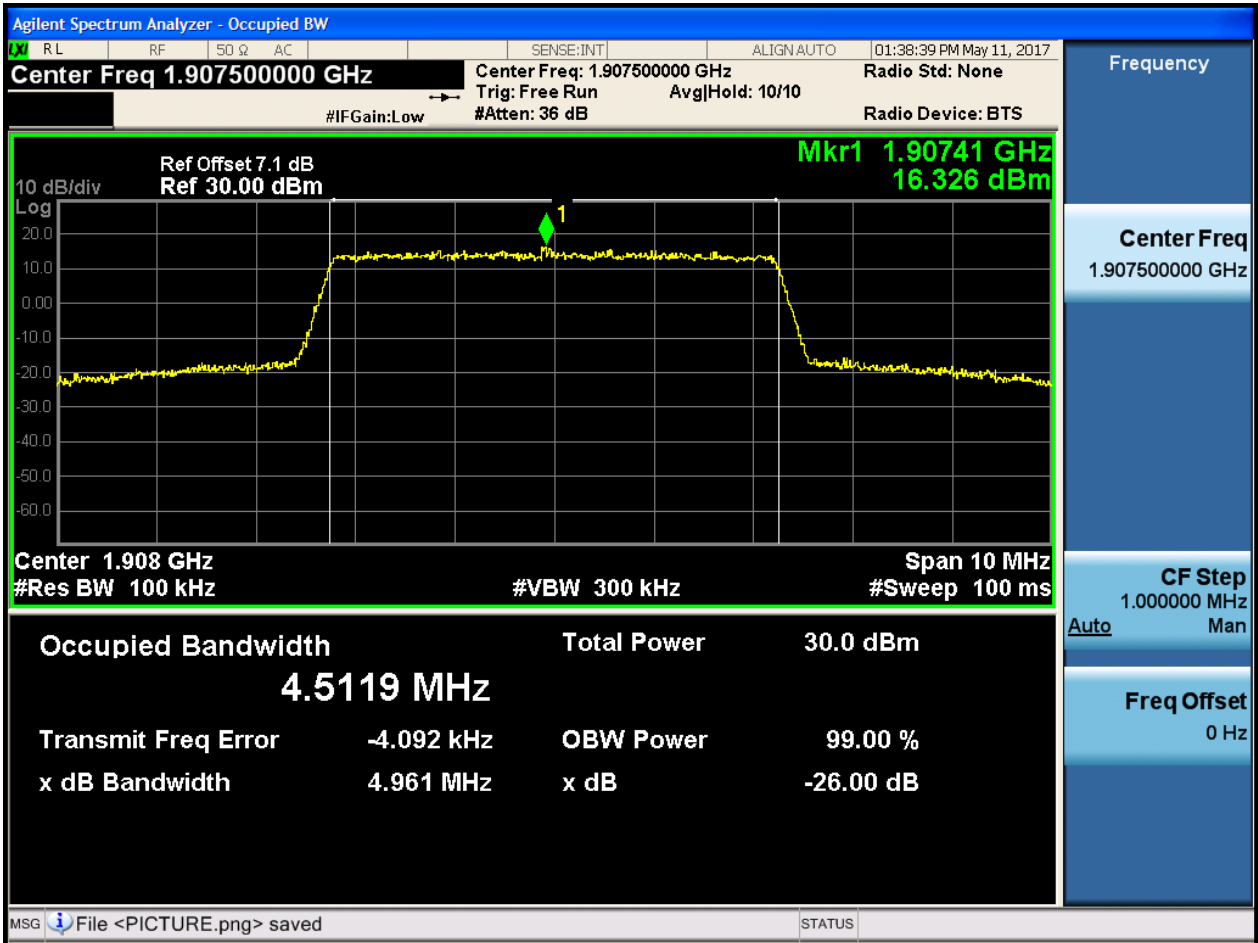






4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

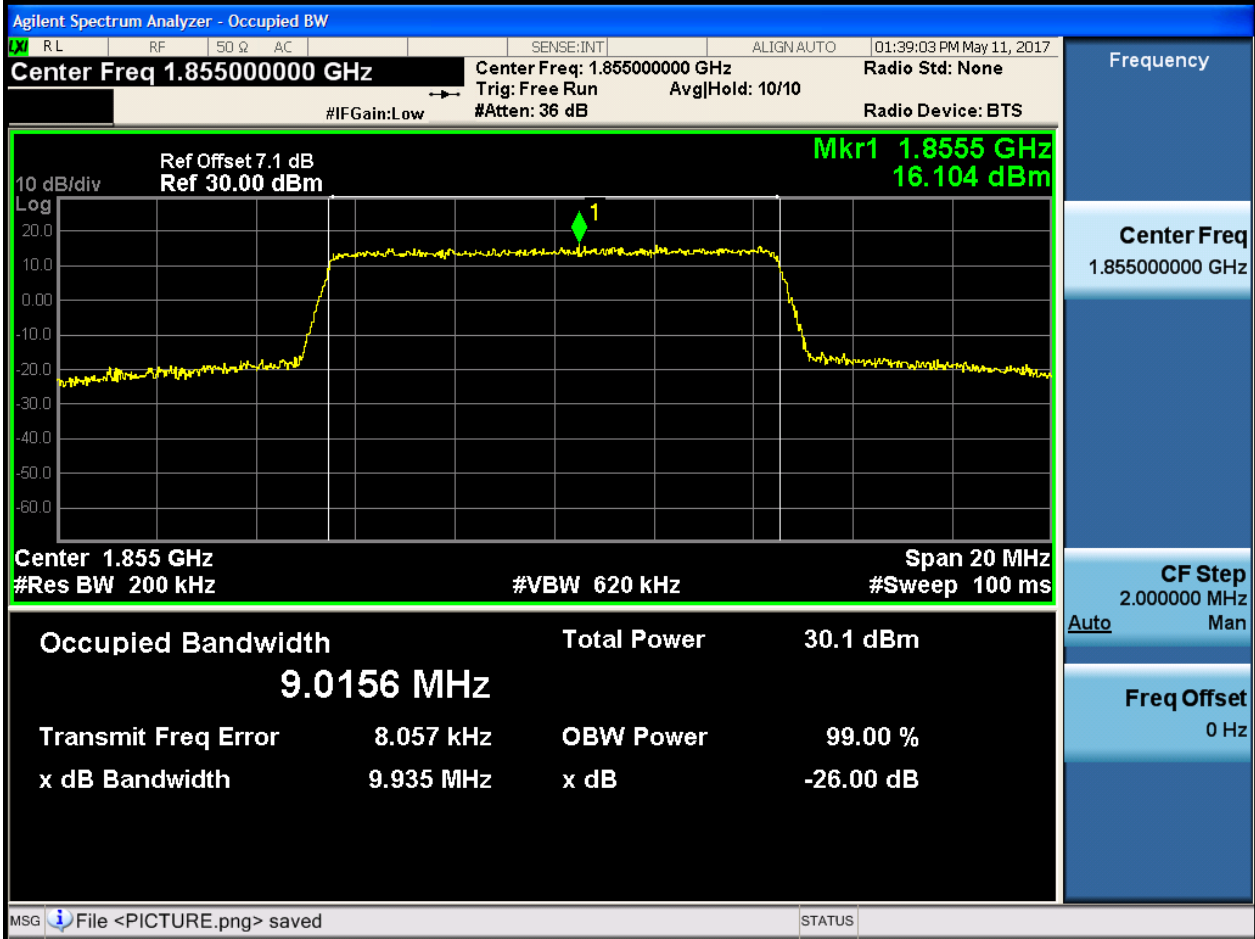




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

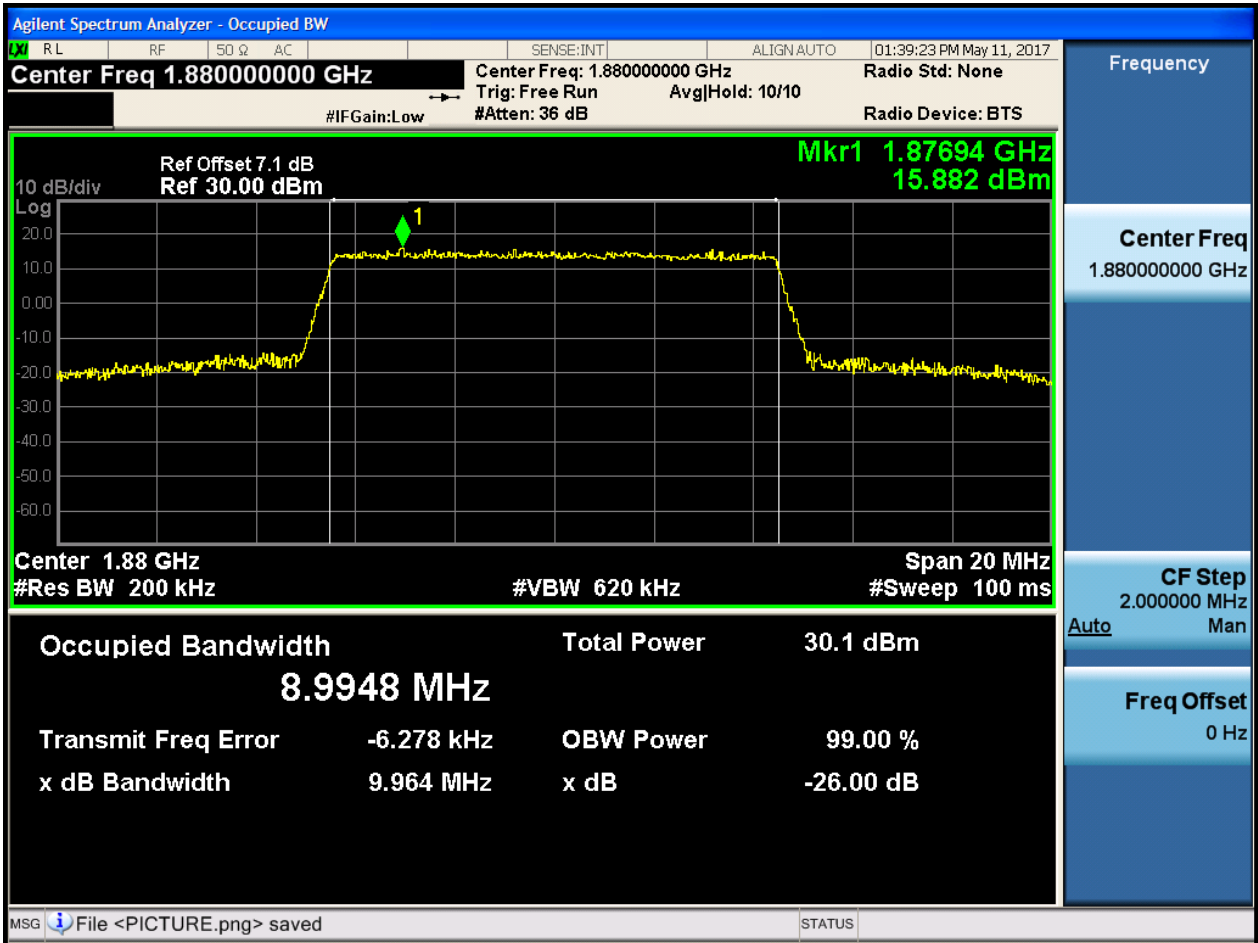
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

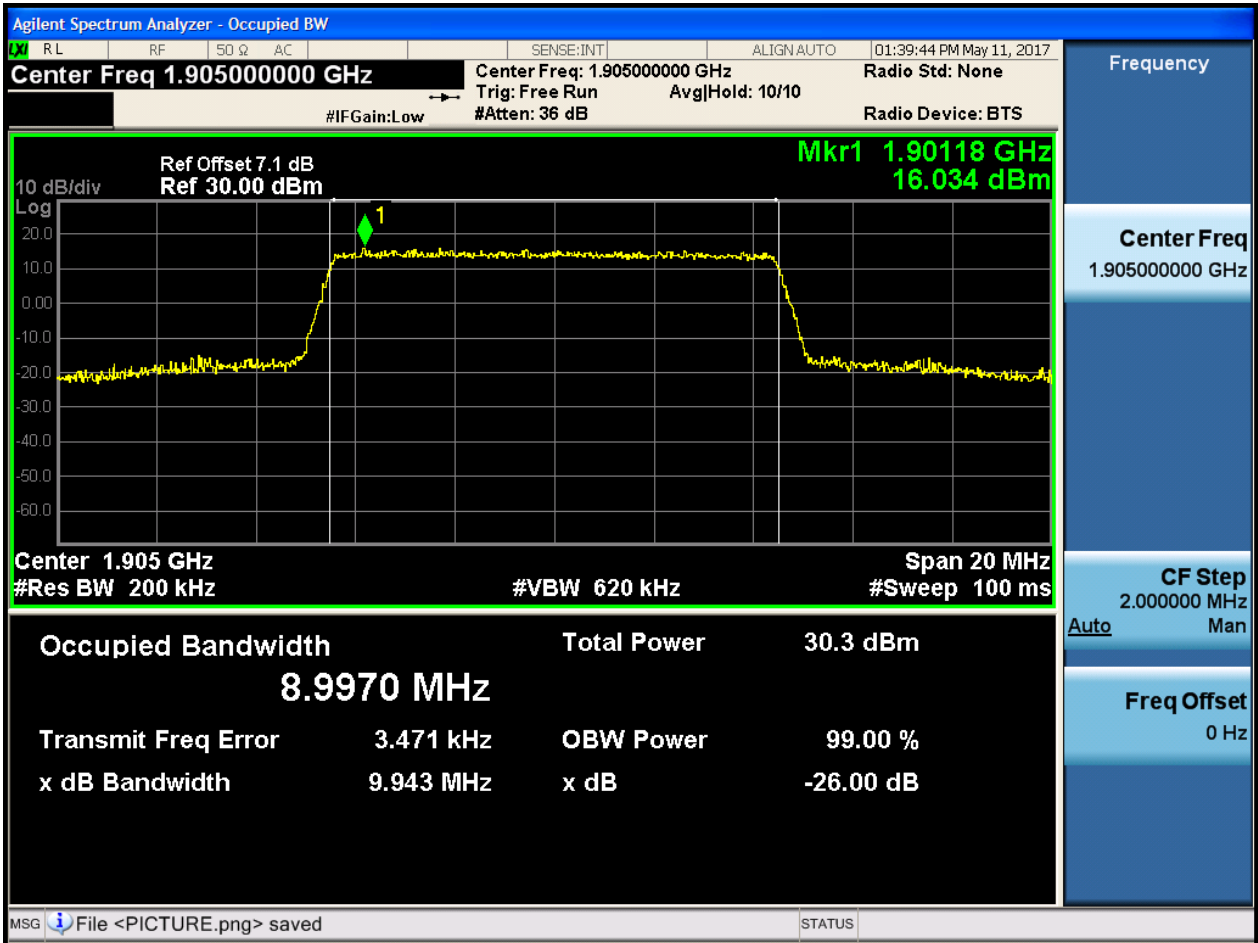
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

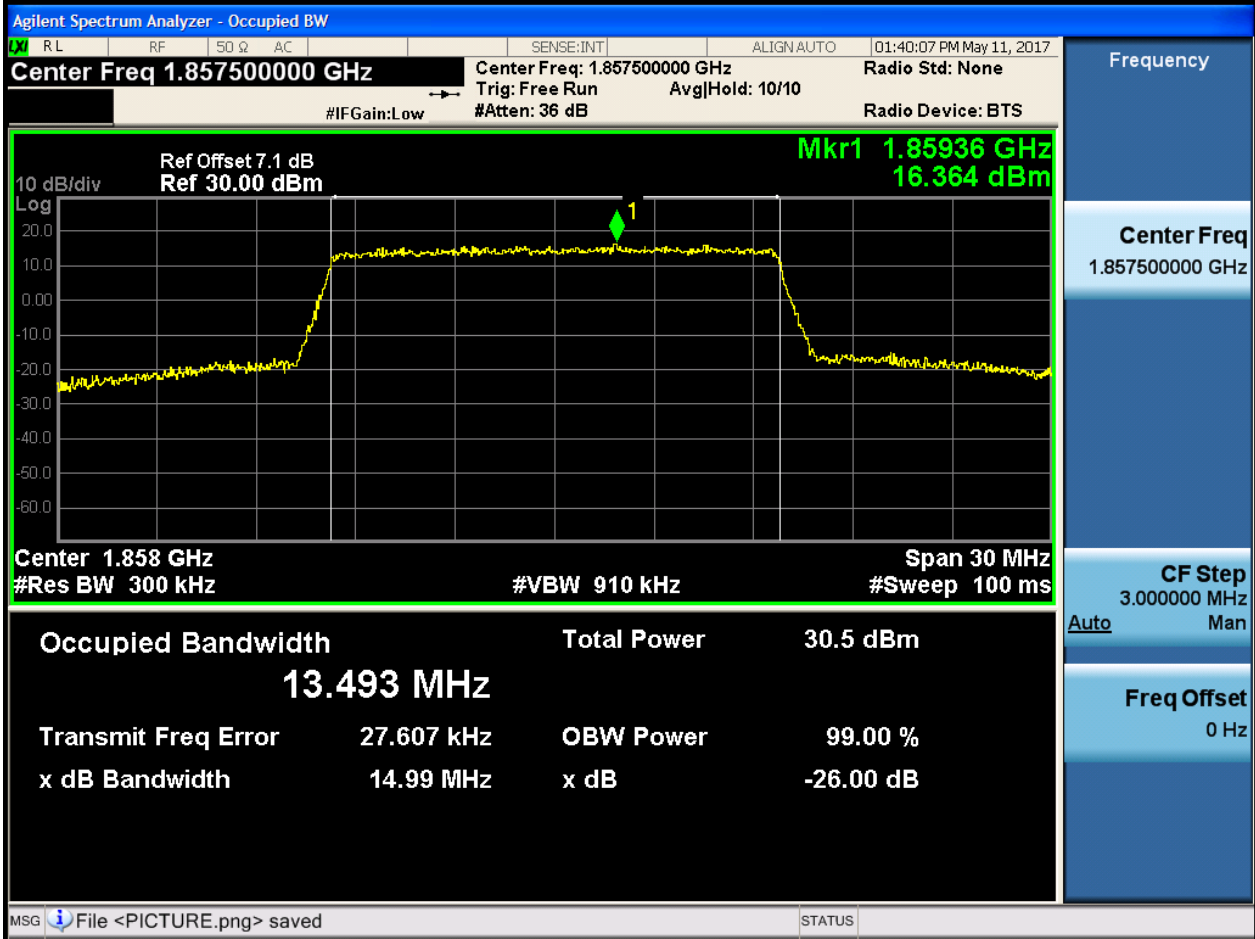




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

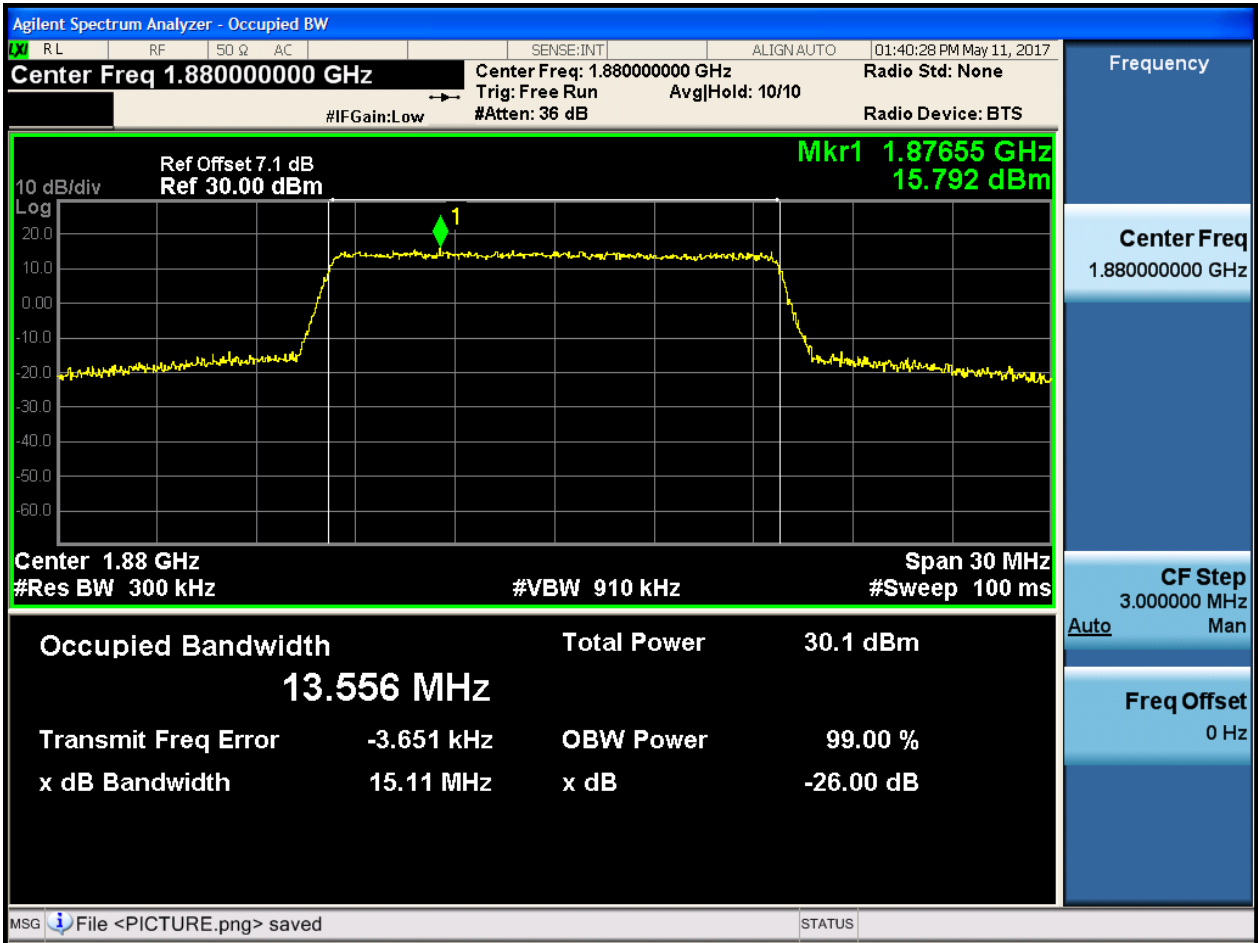
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

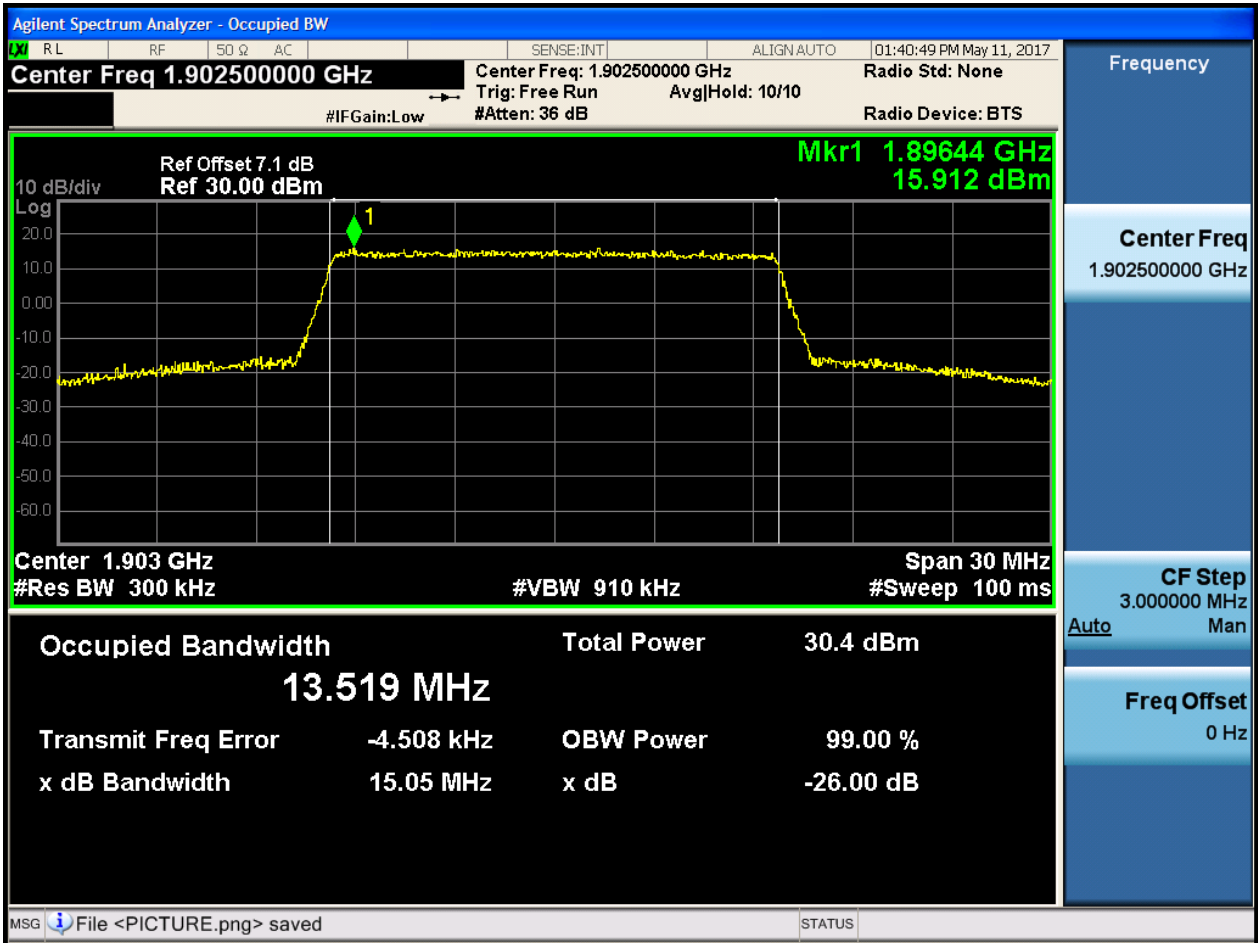
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

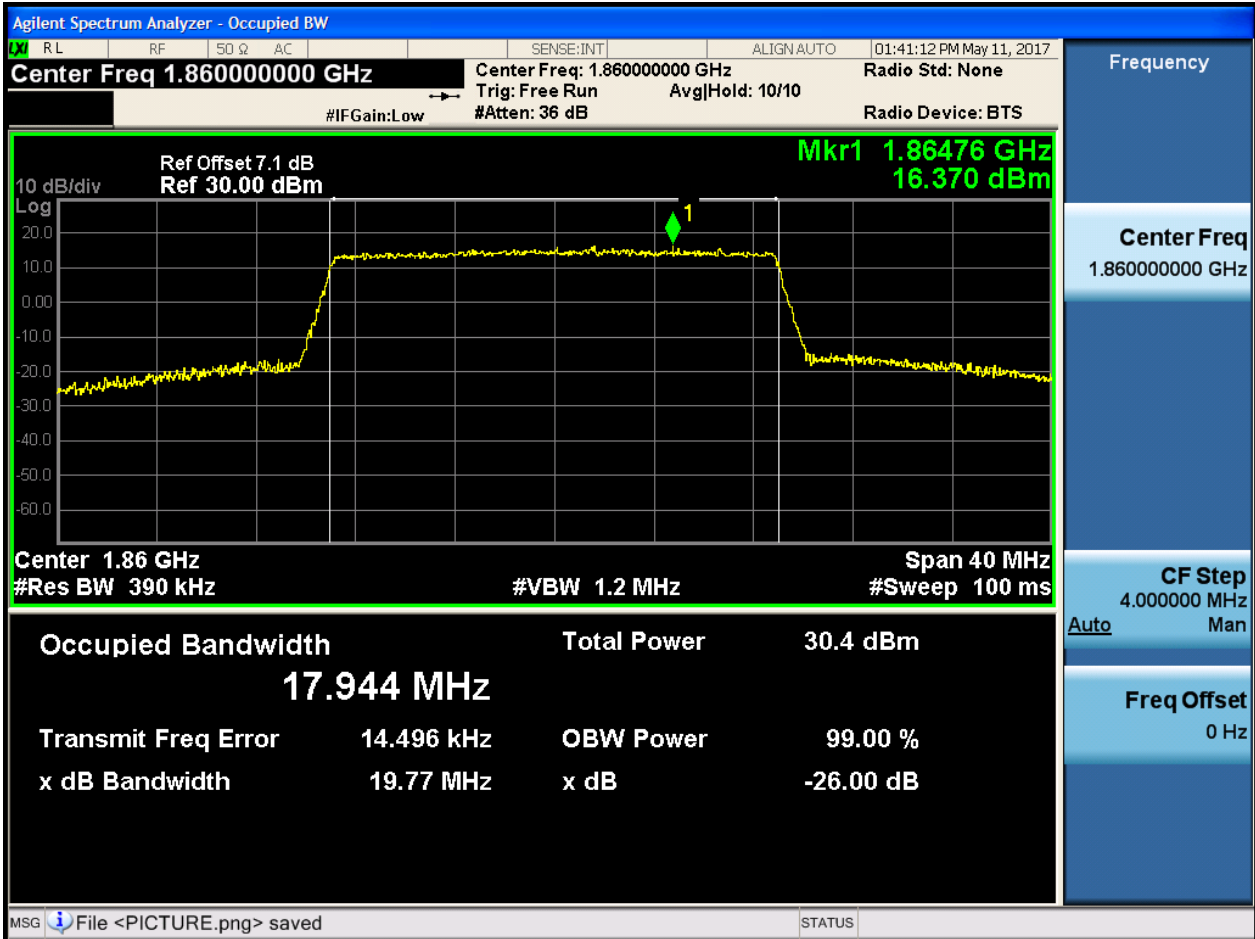




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0

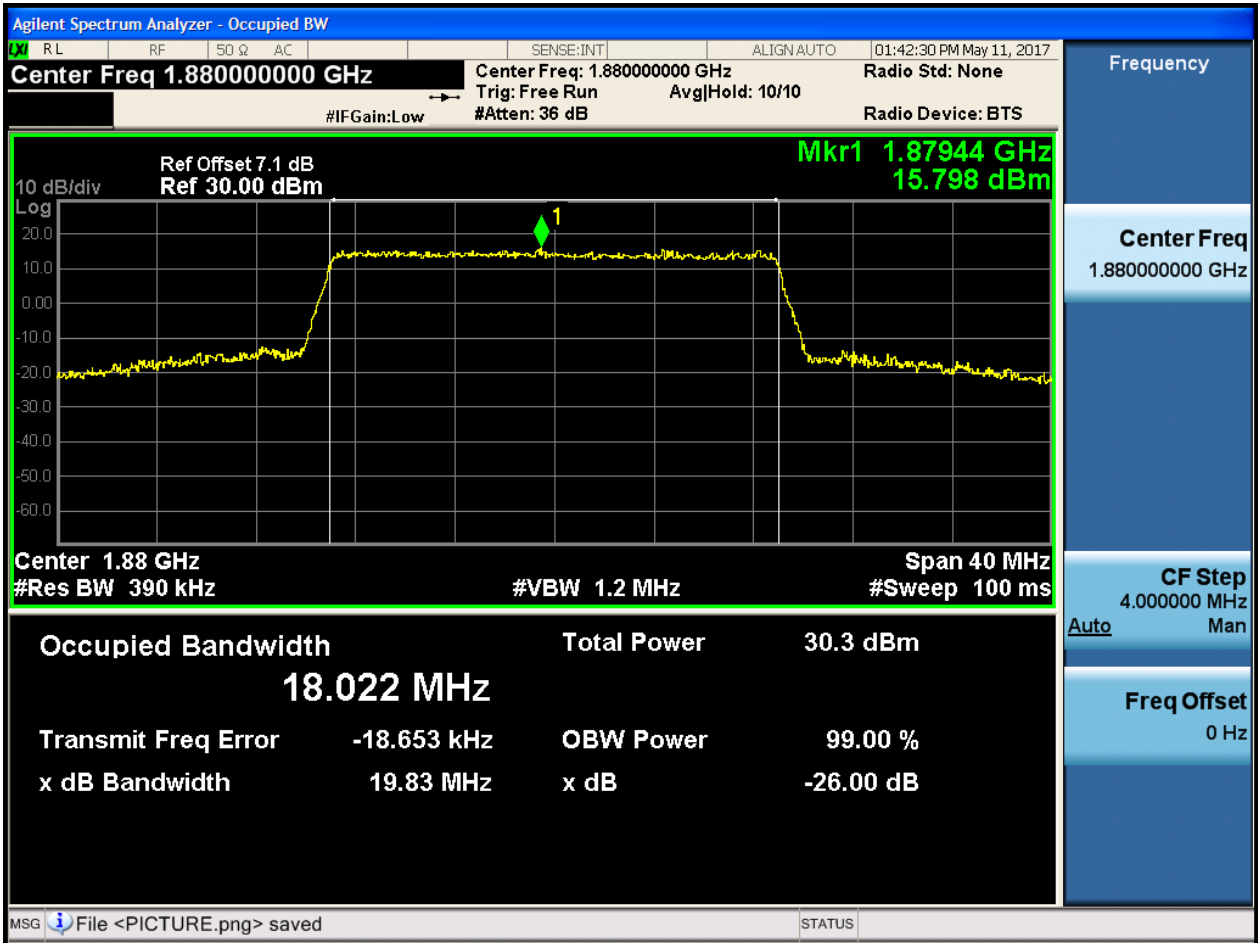






4.1.1.2.6.2 Test Channel = MCH

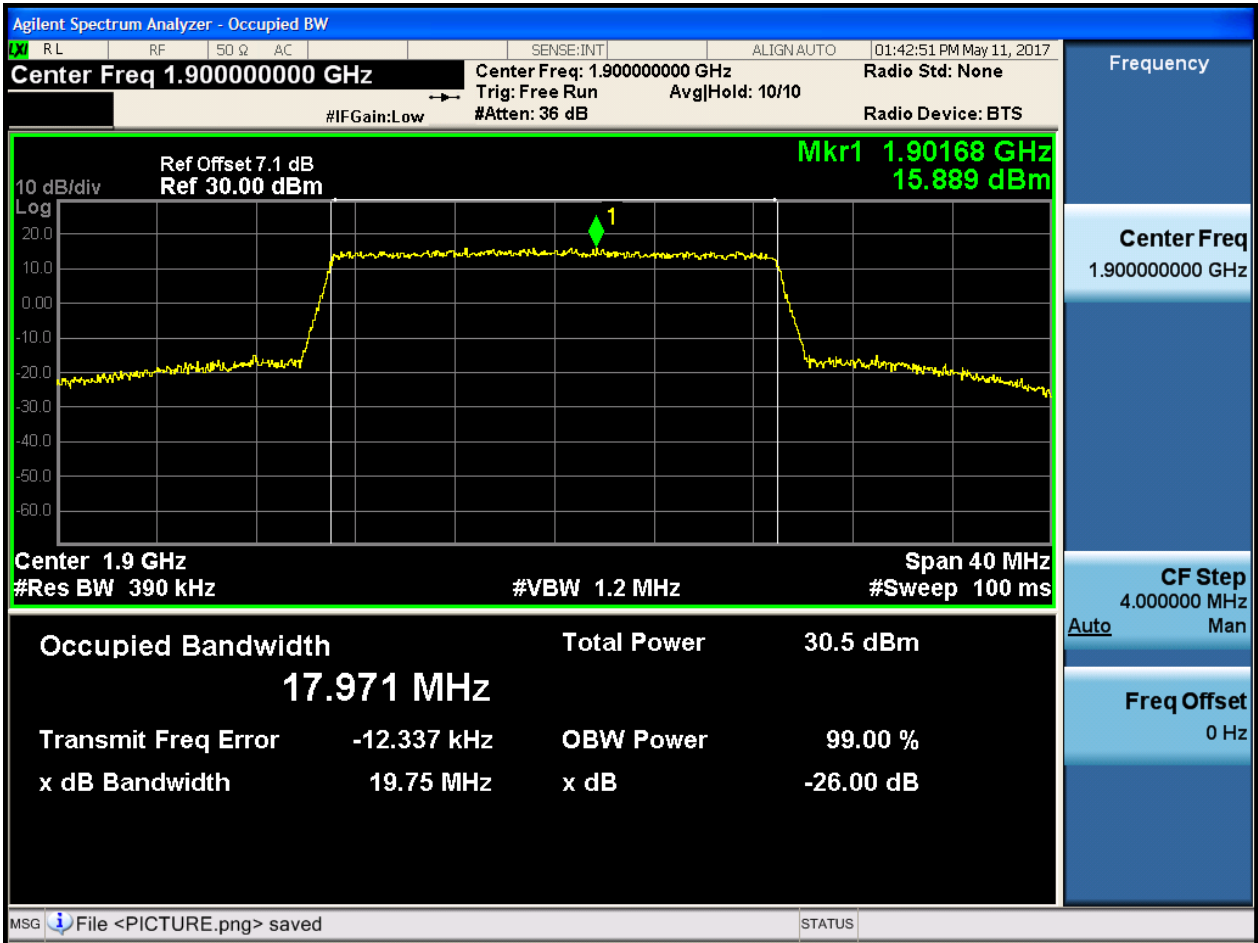
4.1.1.2.6.2.1 Test RB = RB100#0





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

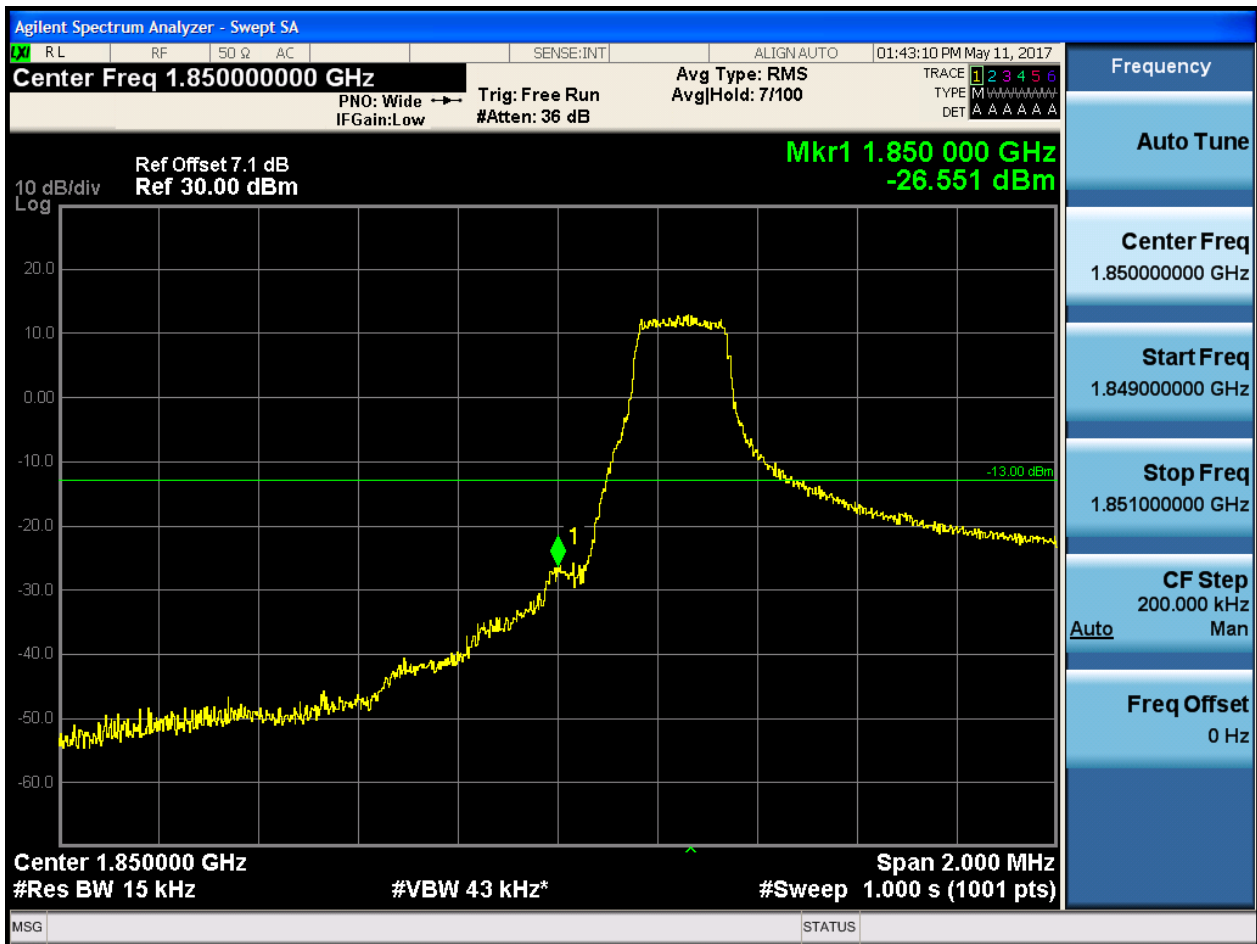
##### 5.1.1 Test Band = BAND2

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

##### 5.1.1.1.1 Test Bandwidth = 1.4

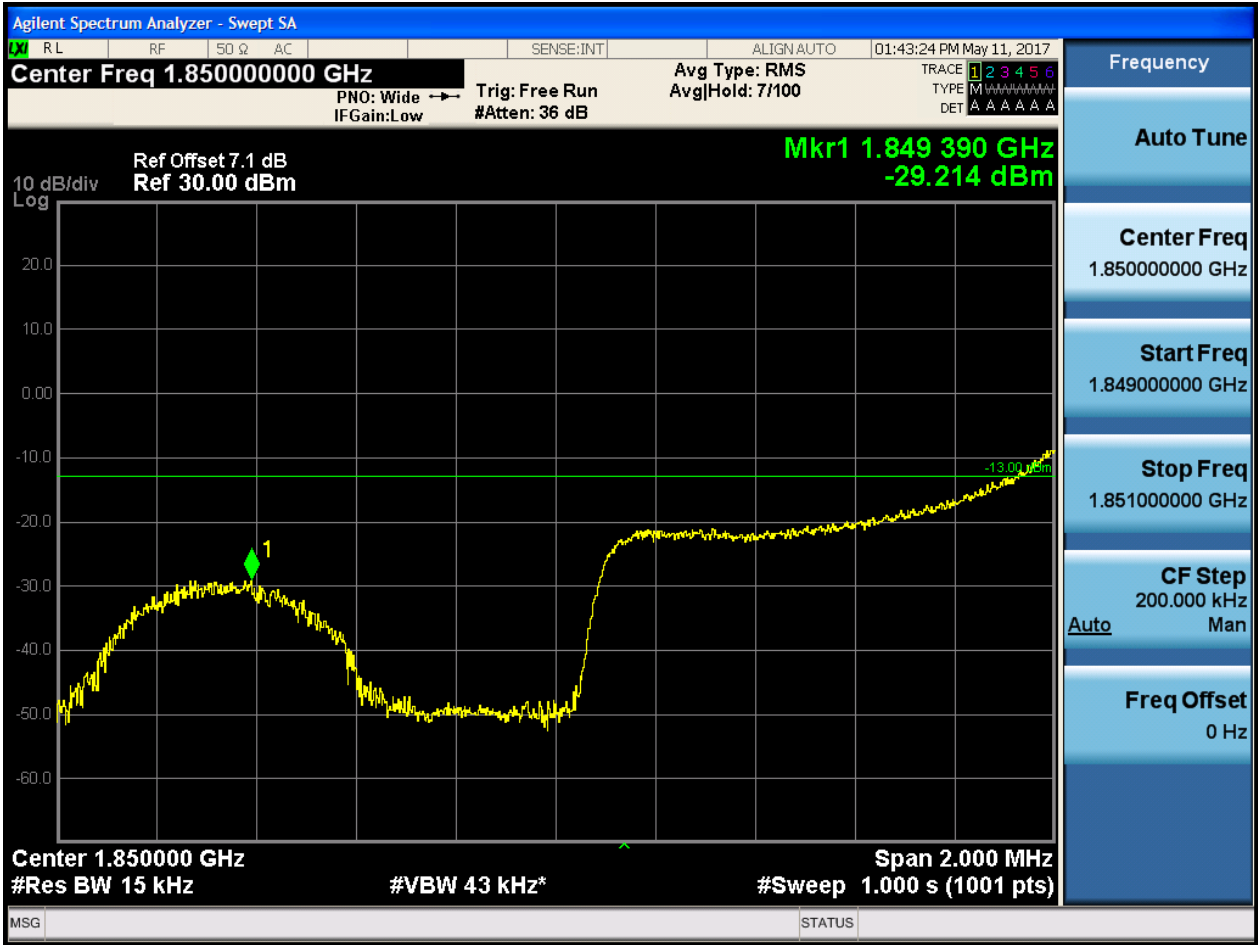
##### 5.1.1.1.1.1 Test Channel = LCH

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



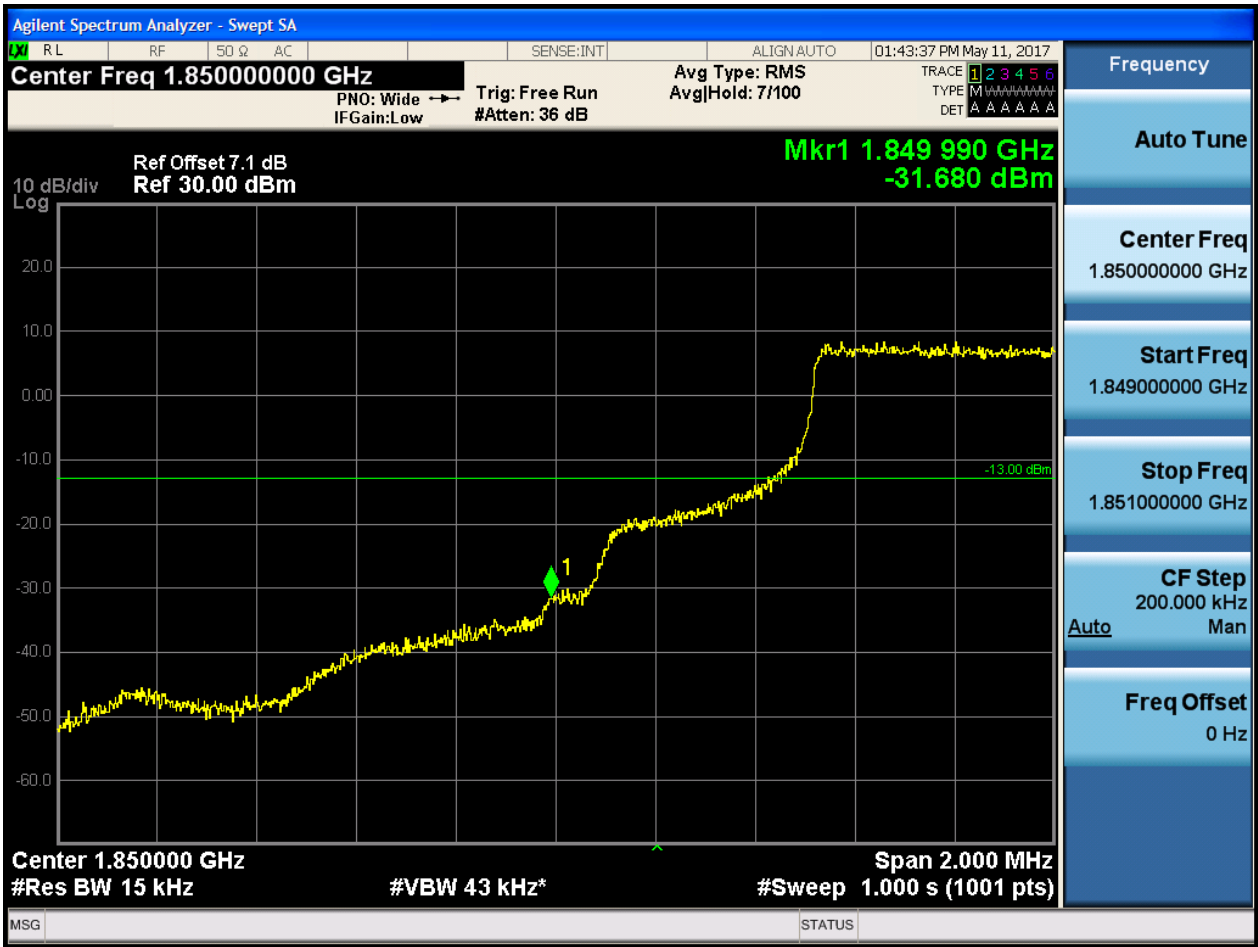


5.1.1.1.1.2 Test RB = RB1#5



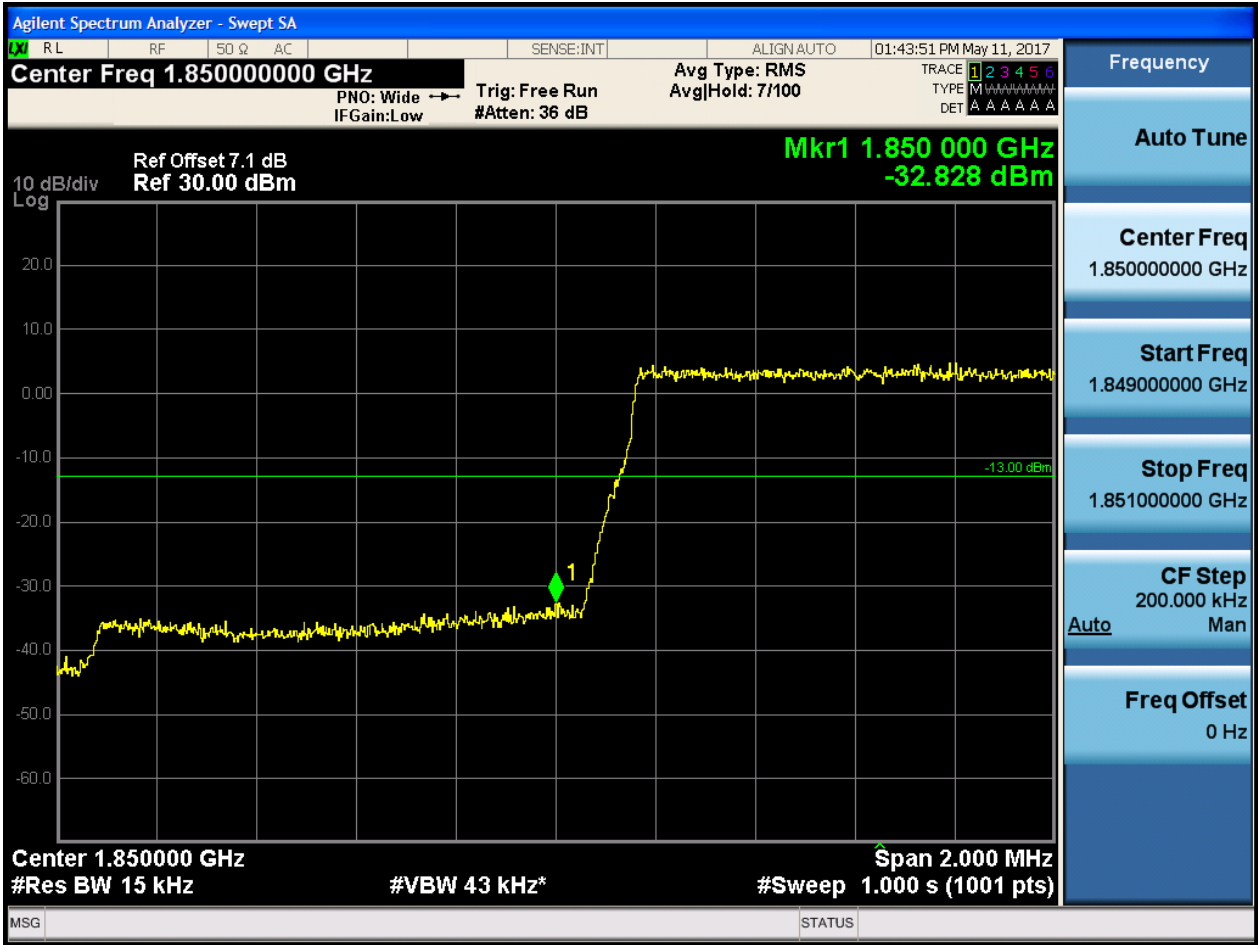


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





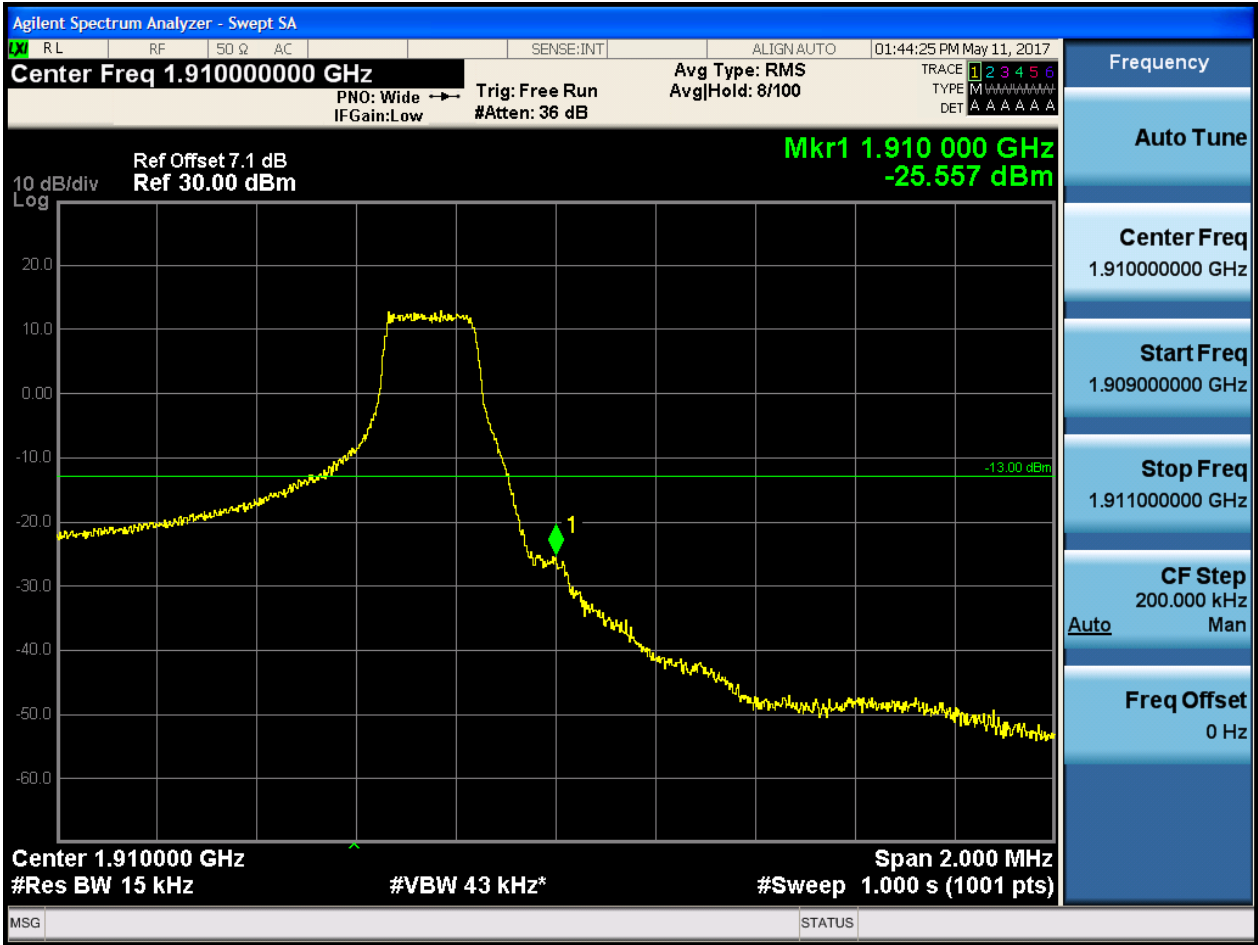
5.1.1.1.1.2 Test Channel = HCH

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

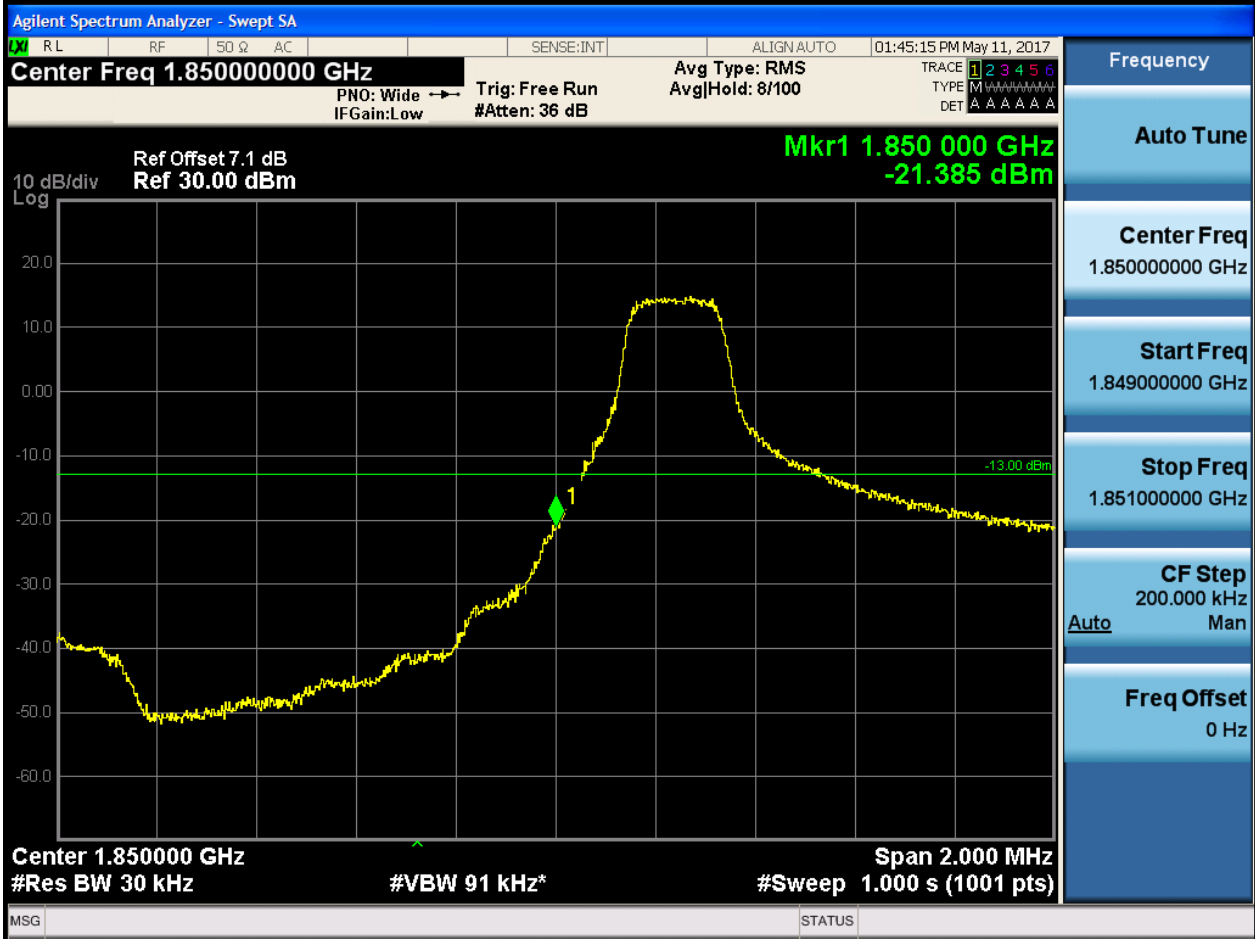




5.1.1.1.2 Test Bandwidth = 3

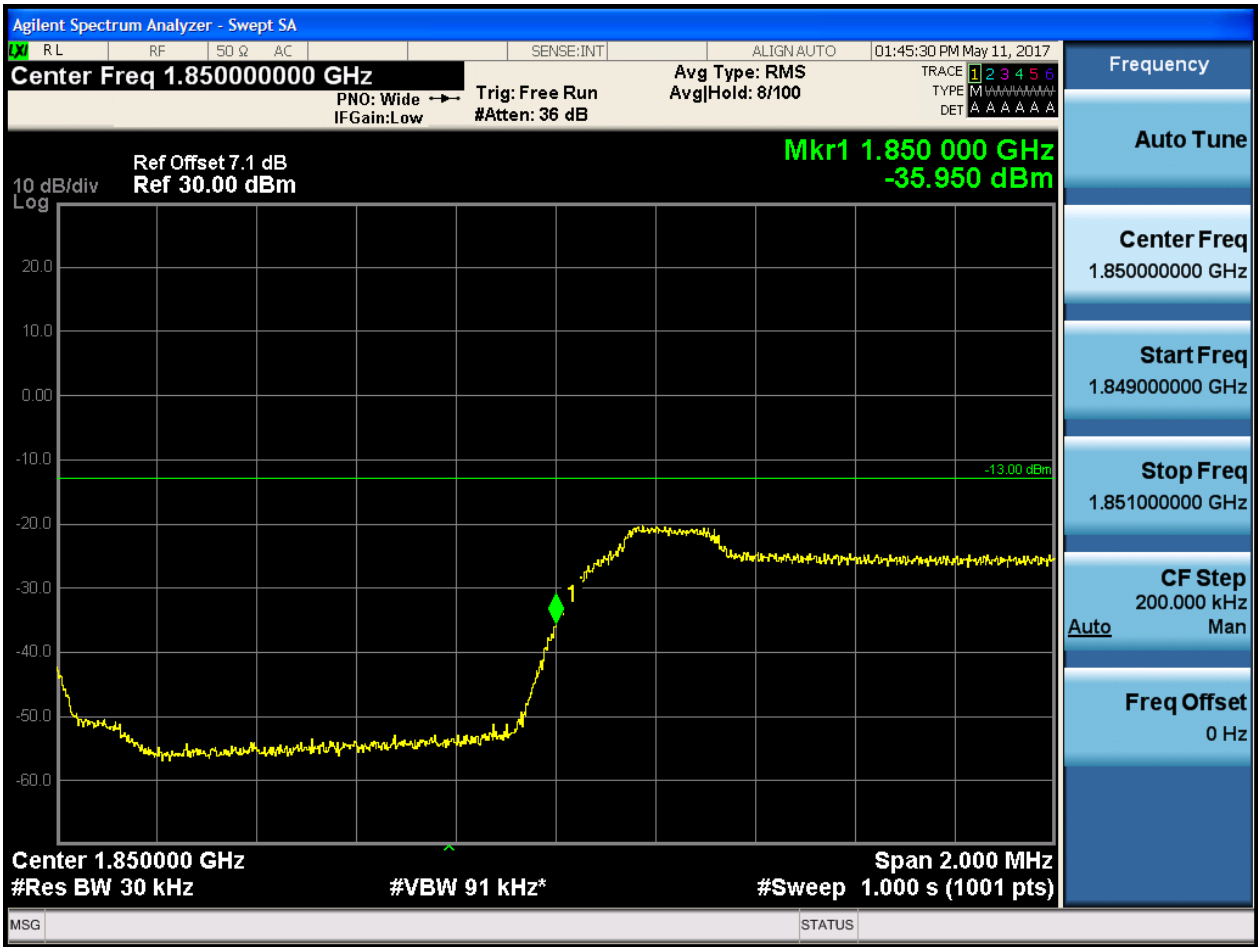
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



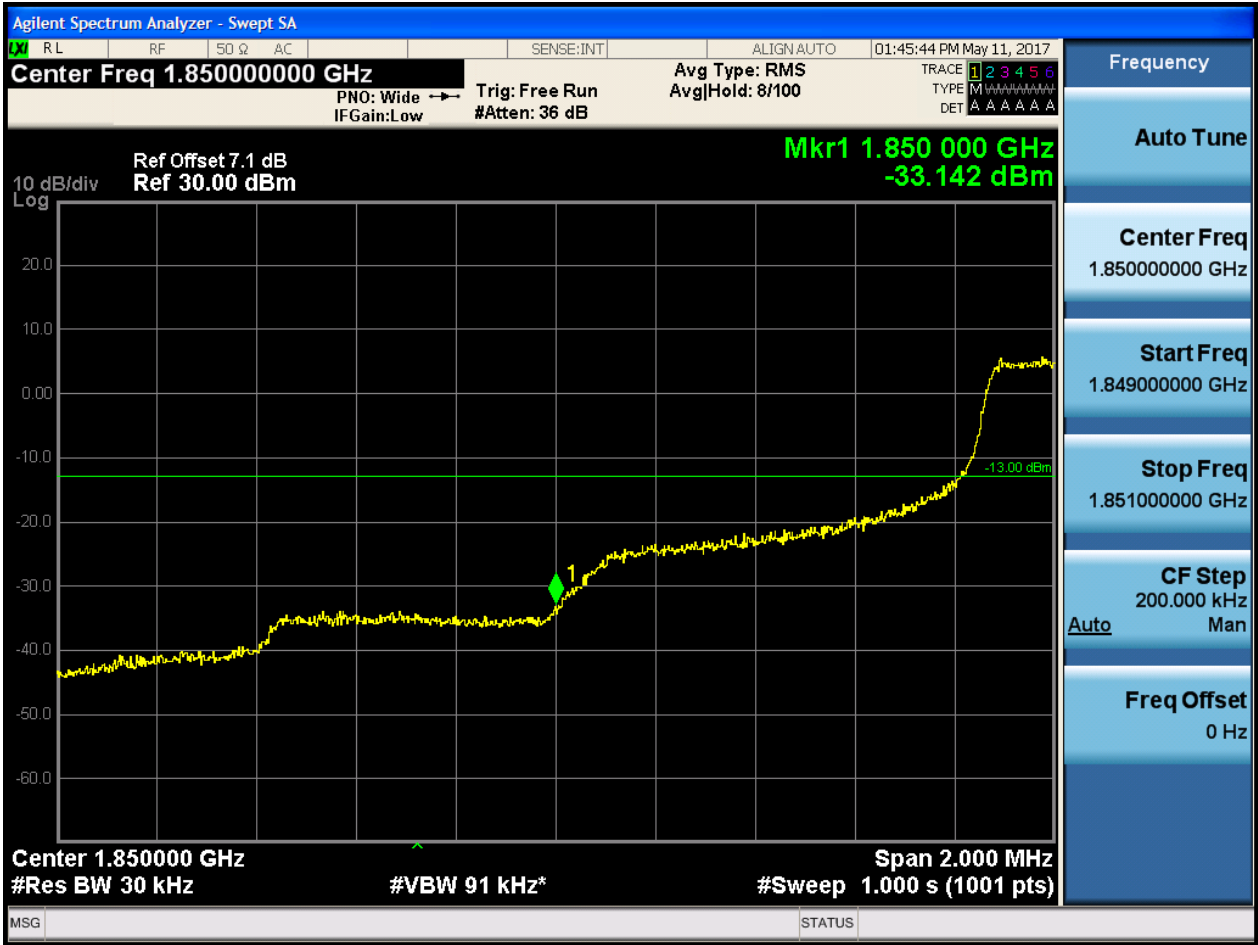


5.1.1.1.2.1.2 Test RB = RB1#14



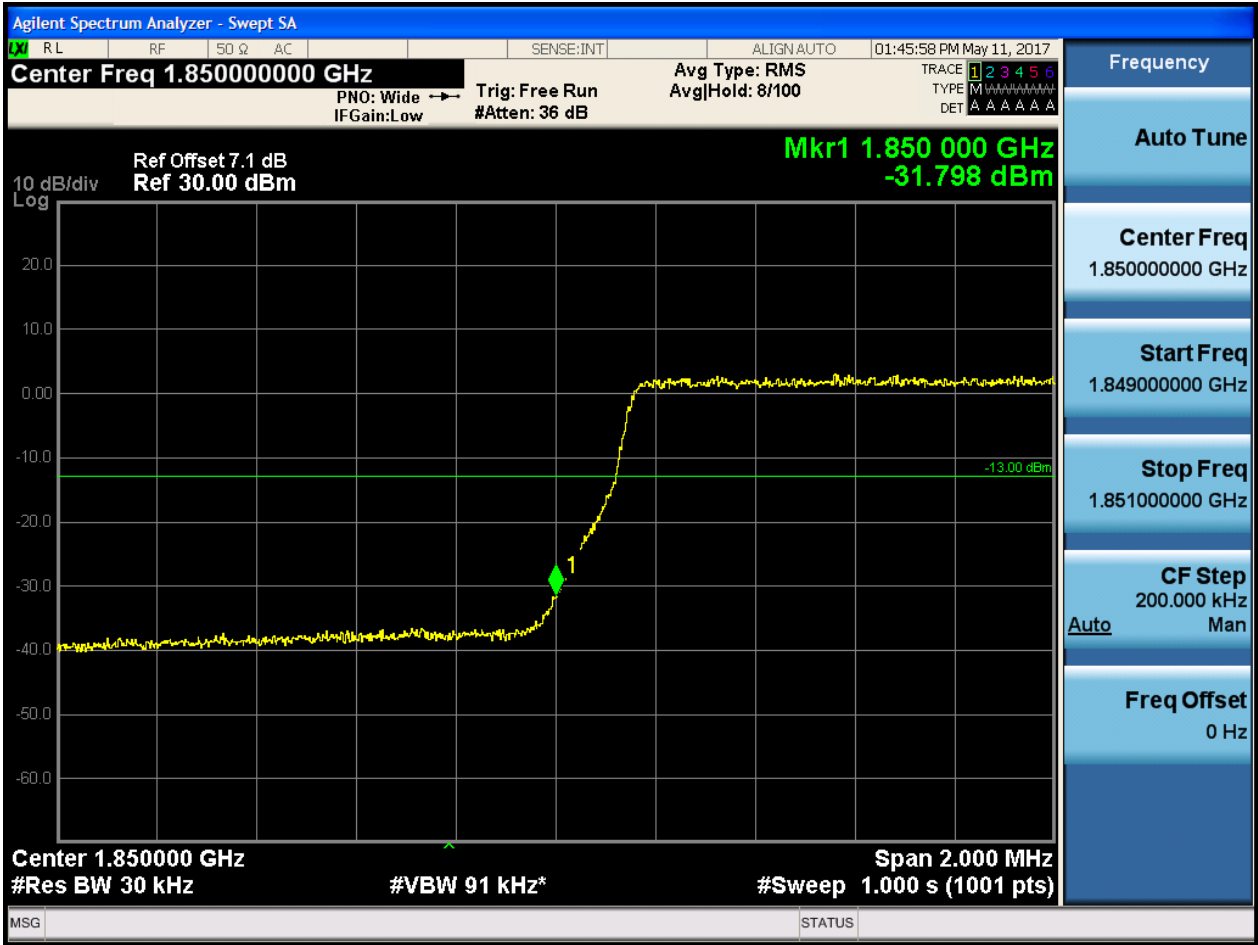


5.1.1.1.2.1.3 Test RB = RB8#4





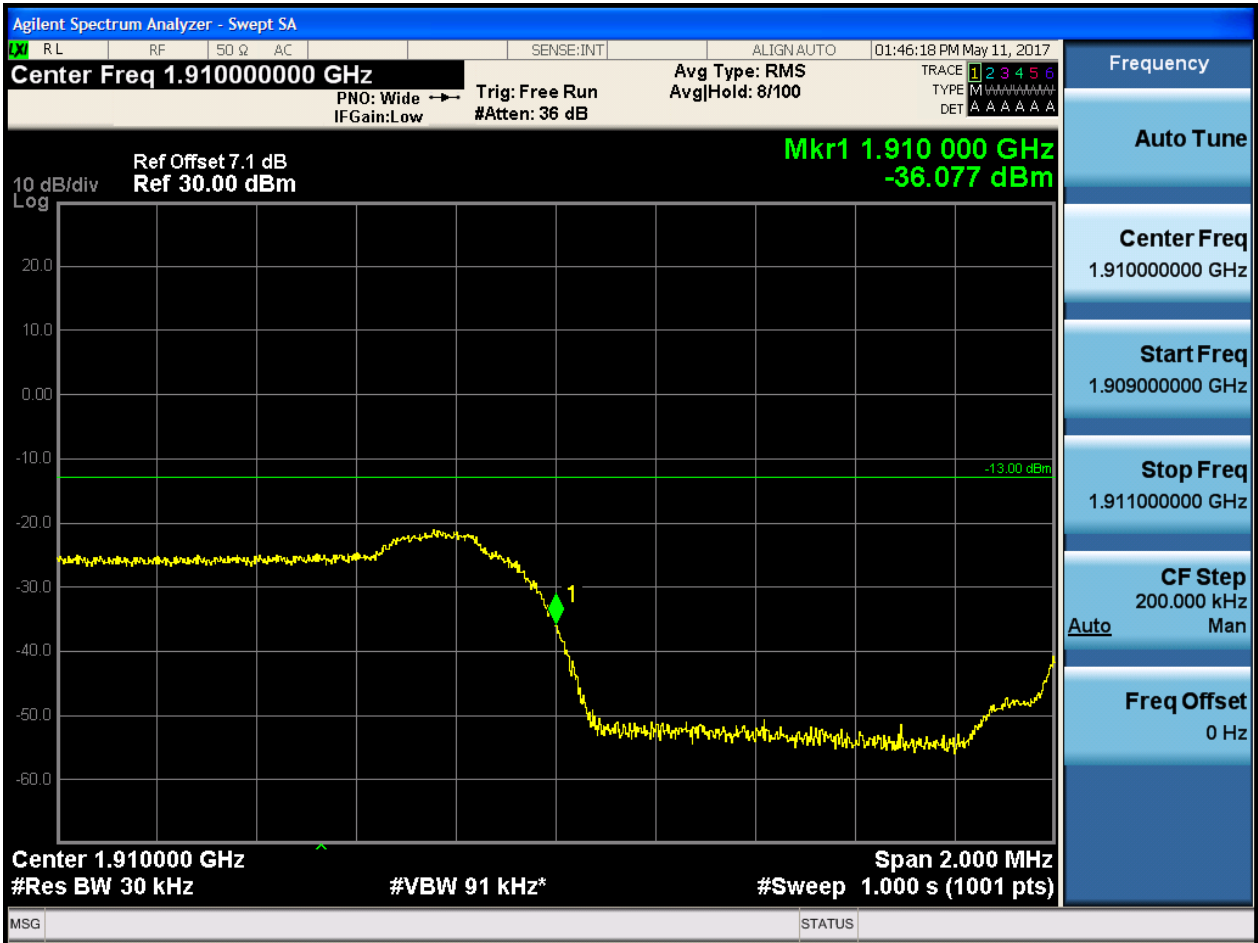
5.1.1.1.2.1.4 Test RB = RB15#0





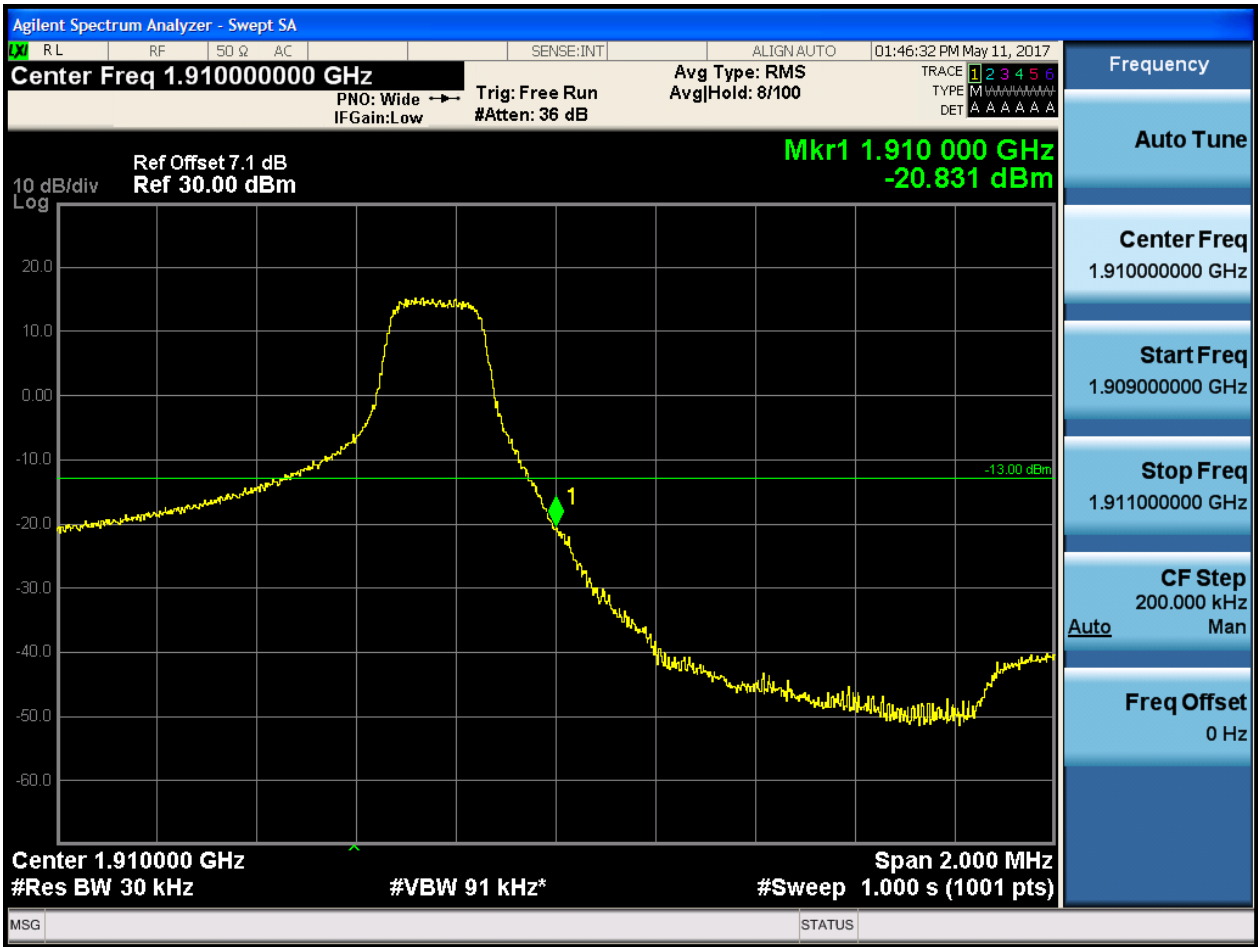
5.1.1.1.2.2 Test Channel = HCH

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

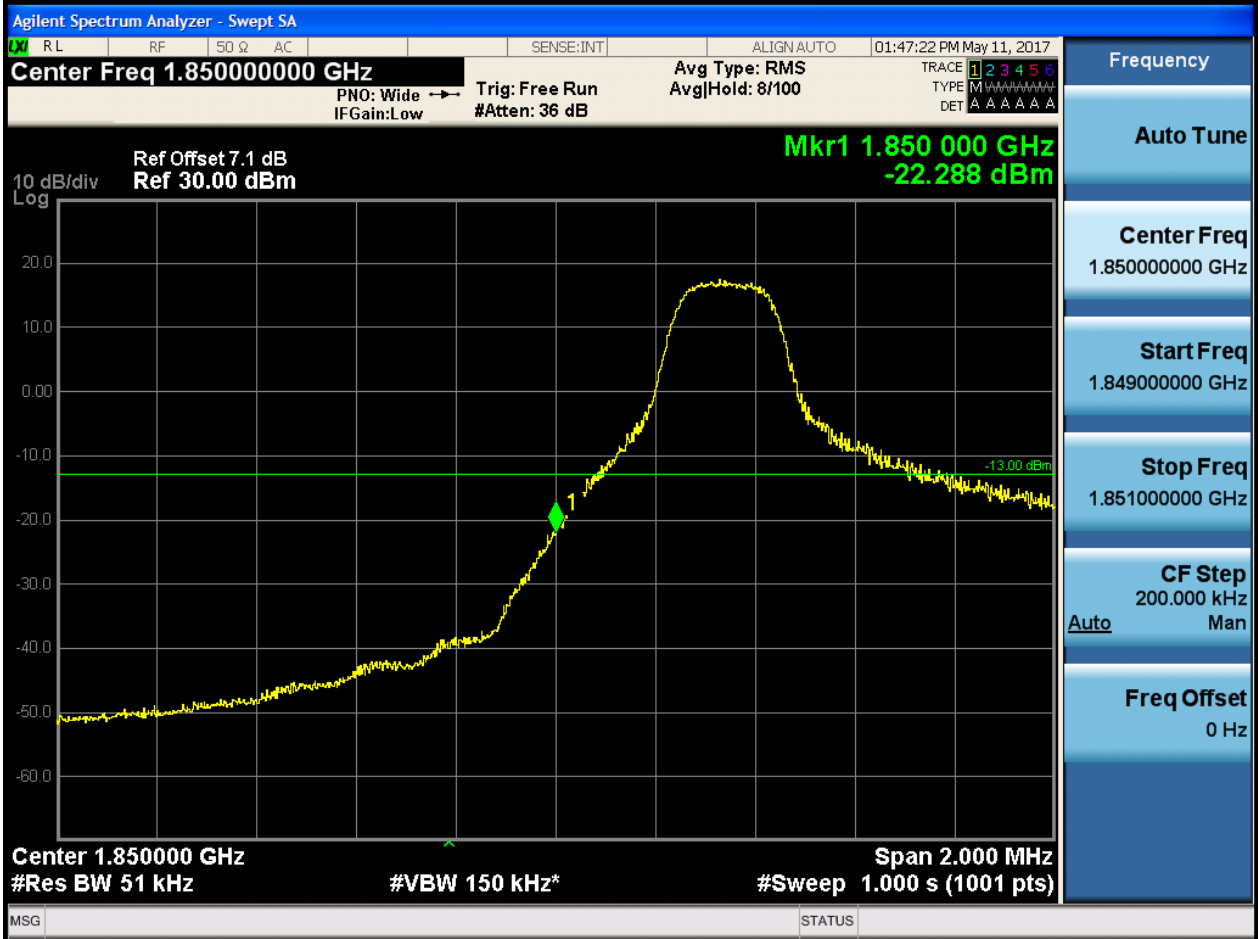




5.1.1.1.3 Test Bandwidth = 5

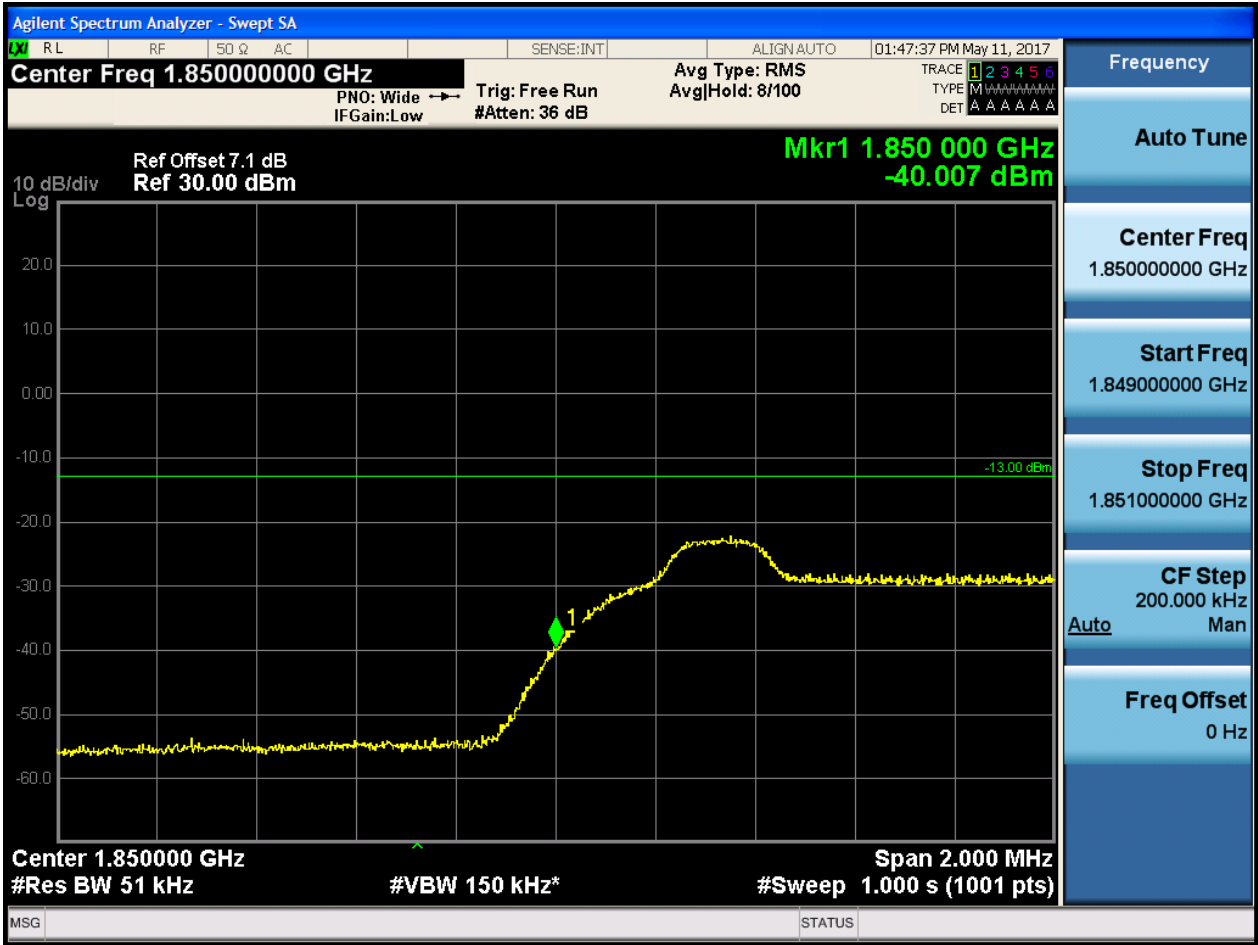
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



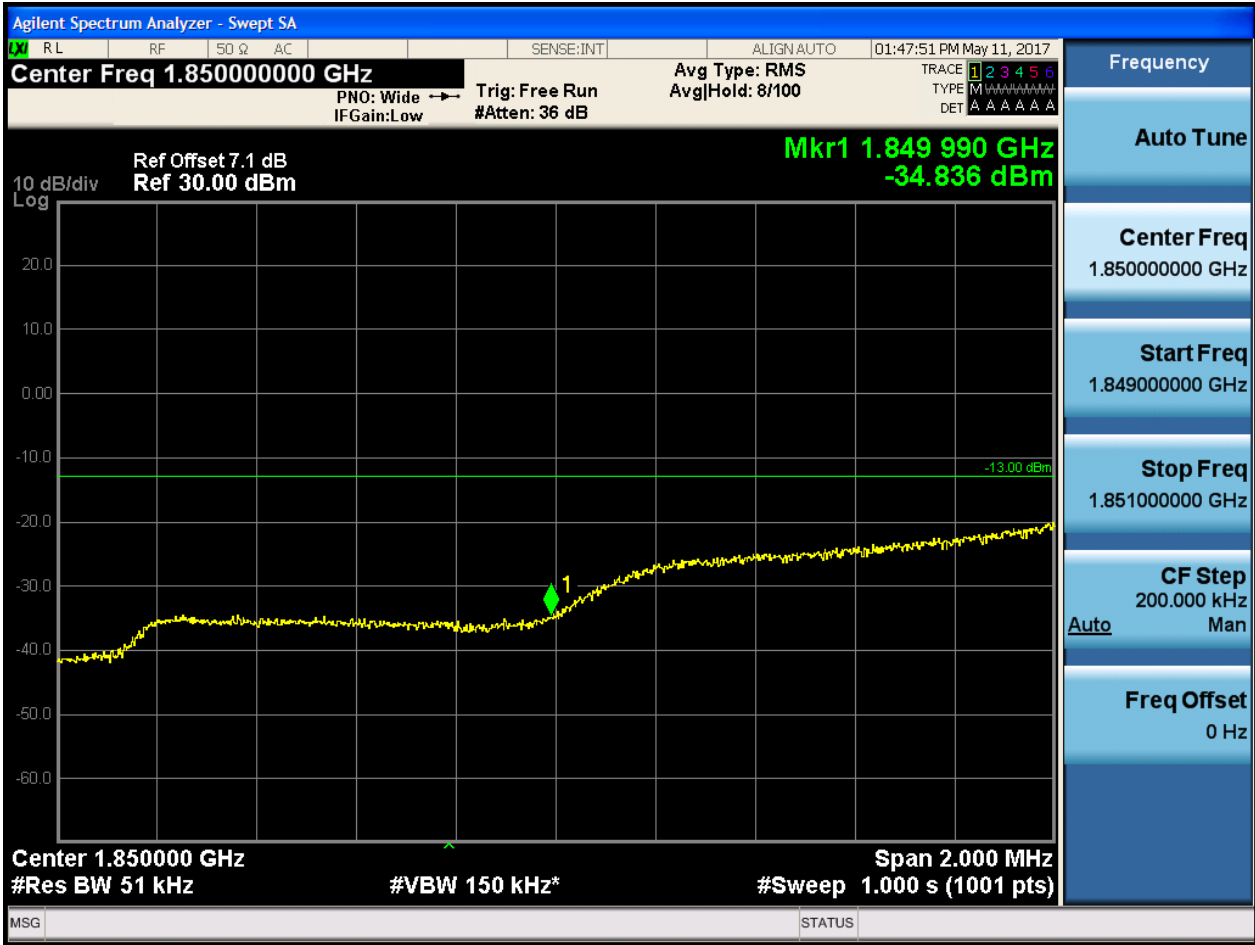


5.1.1.1.3.1.2 Test RB = RB1#24



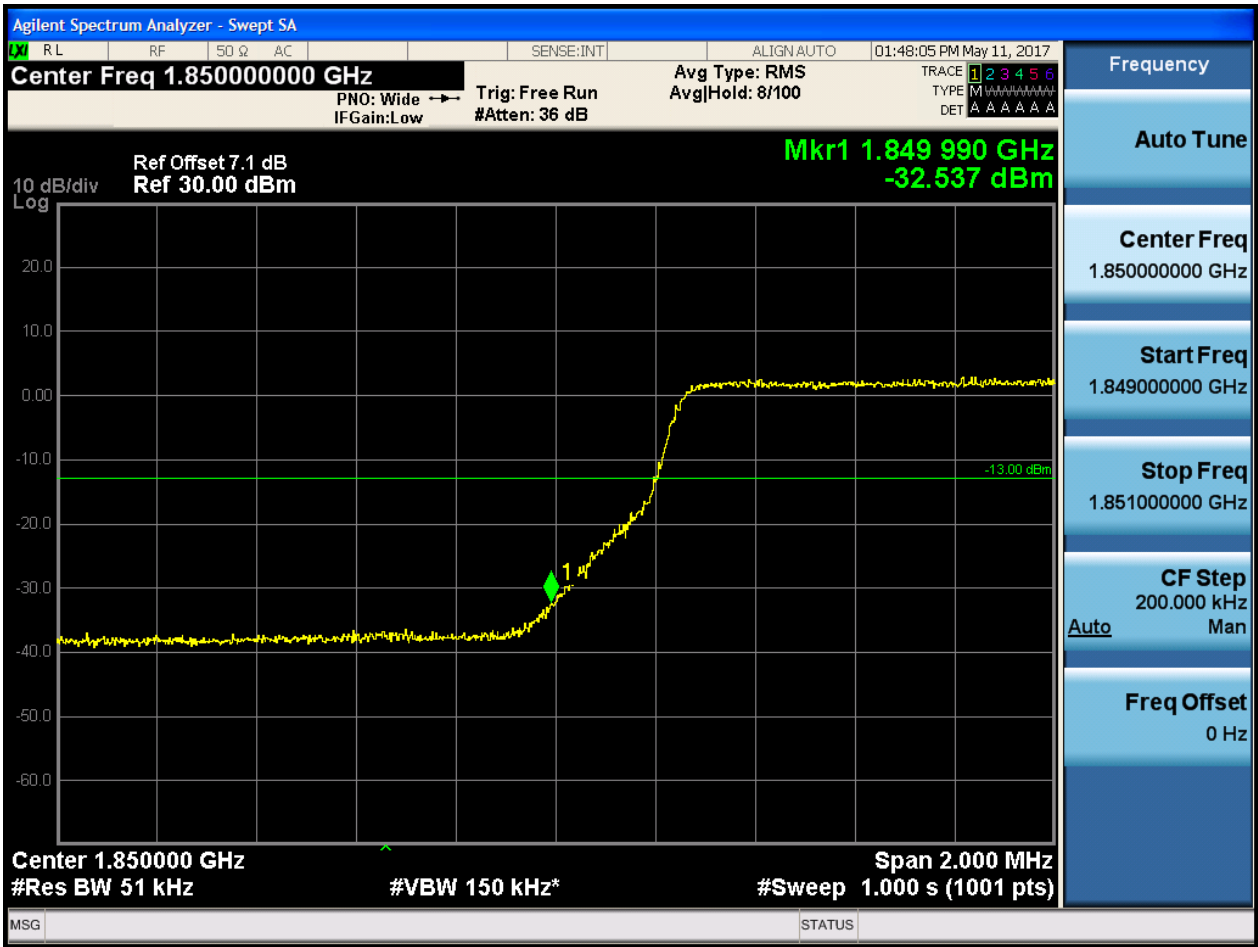


5.1.1.1.3.1.3 Test RB = RB12#6





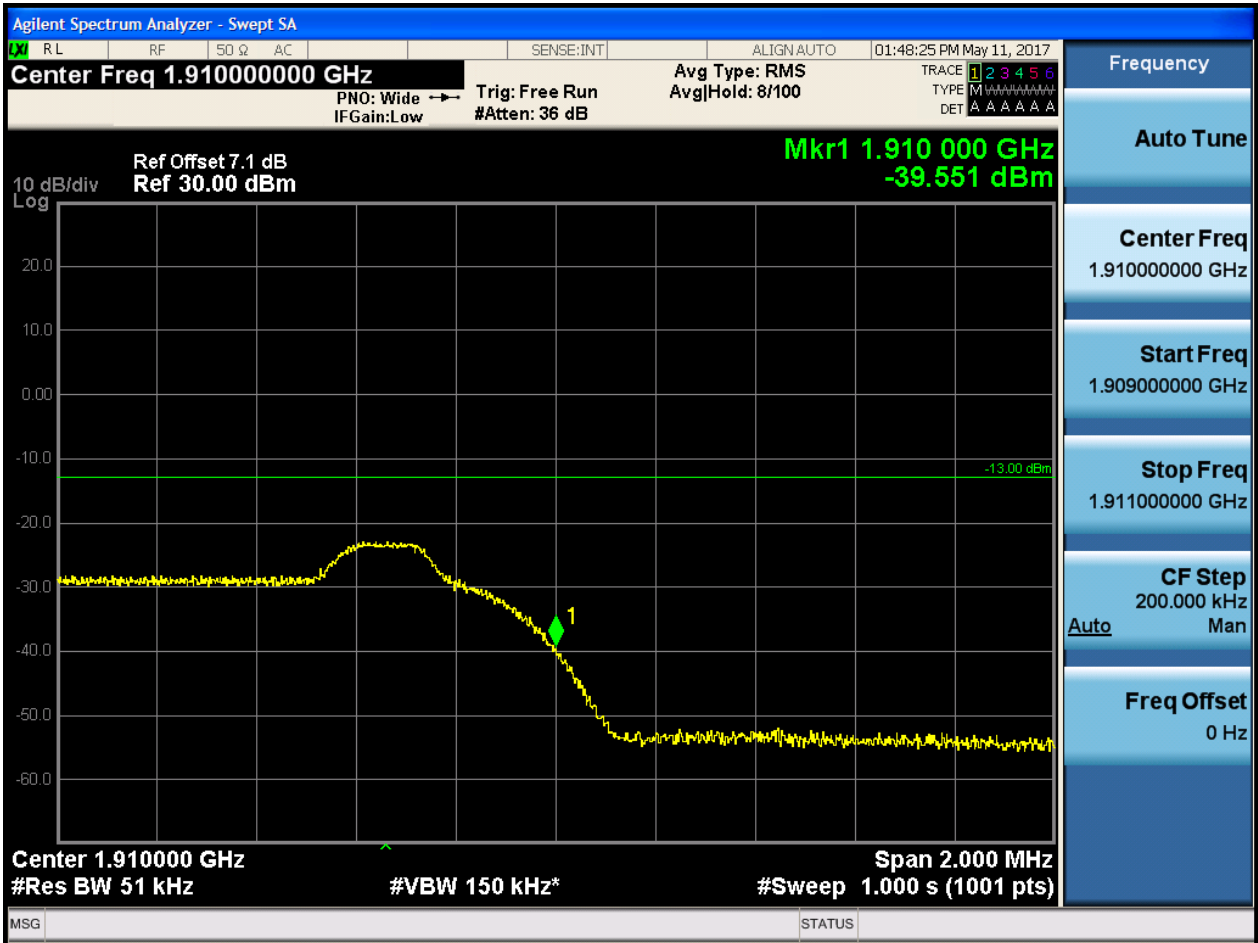
5.1.1.1.3.1.4 Test RB = RB25#0





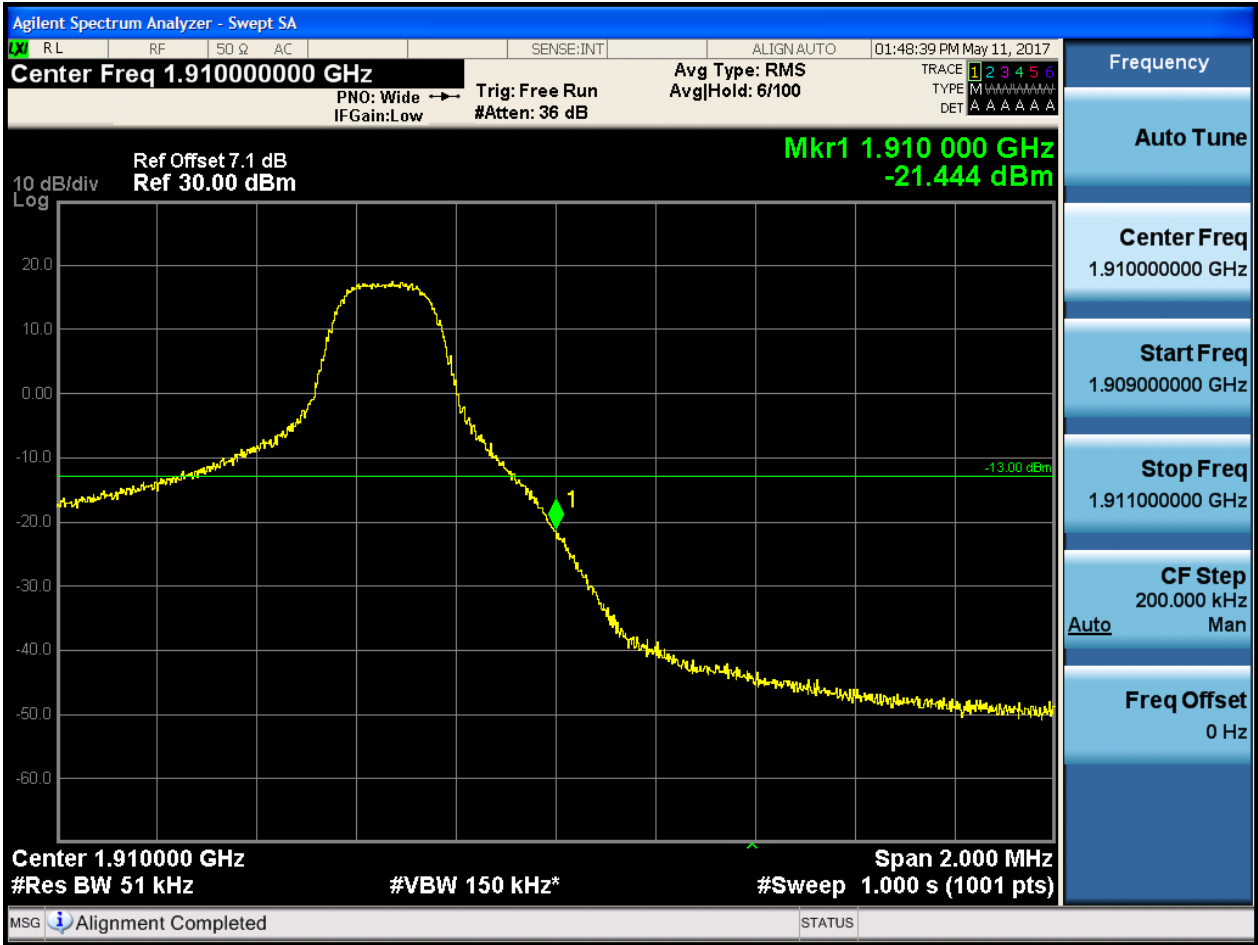
5.1.1.1.3.2 Test Channel = HCH

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

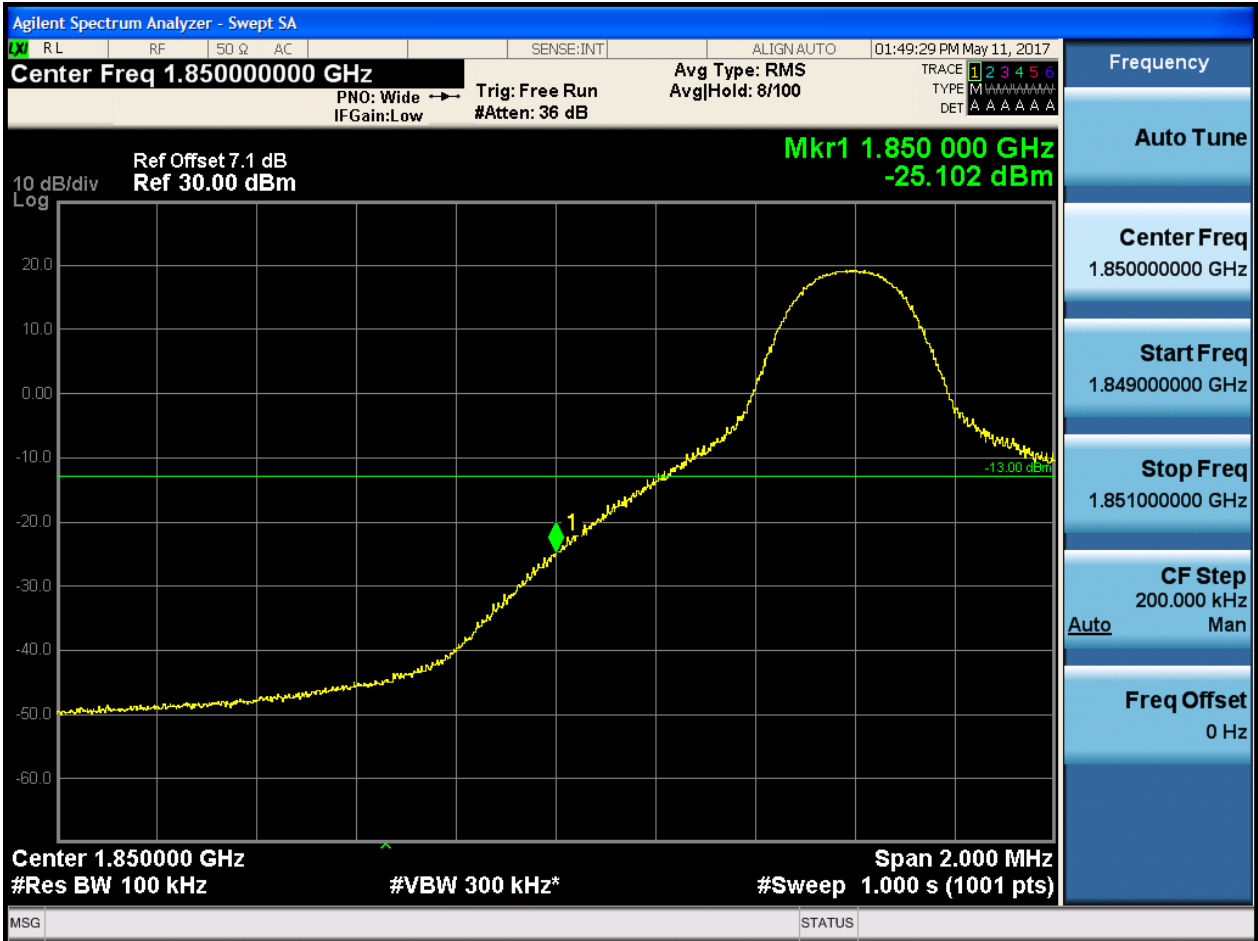




5.1.1.1.4 Test Bandwidth = 10

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

