



# 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	22.19	20.80	33	PASS
				RB1#3	22.3	21.03	33	PASS
				RB1#5	22.26	20.75	33	PASS
				RB3#0	22.28	20.90	33	PASS
				RB3#2	22.35	20.83	33	PASS
				RB3#3	22.3	20.75	33	PASS
				RB6#0	21.41	19.94	33	PASS
			MCH	RB1#0	22.55	21.32	33	PASS
				RB1#3	22.59	21.30	33	PASS
				RB1#5	22.5	21.04	33	PASS
				RB3#0	22.56	21.15	33	PASS
				RB3#2	22.58	21.28	33	PASS
				RB3#3	22.52	21.01	33	PASS
				RB6#0	21.57	20.13	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.56	21.15	33	PASS
				RB1#3	22.53	21.30	33	PASS
				RB1#5	22.41	20.83	33	PASS
				RB3#0	22.44	21.14	33	PASS
				RB3#2	22.49	21.06	33	PASS
				RB3#3	22.43	20.96	33	PASS
				RB6#0	21.48	20.26	33	PASS
		3	LCH	RB1#0	22.15	20.82	33	PASS
				RB1#7	22.45	20.93	33	PASS
				RB1#14	22.2	20.89	33	PASS
				RB8#0	21.43	19.88	33	PASS
				RB8#4	21.46	20.25	33	PASS
				RB8#7	21.41	19.99	33	PASS
				RB15#0	21.44	19.89	33	PASS
				MCH	RB1#0	22.4	21.17	33
RB1#7	22.73	21.45	33		PASS			
RB1#14	22.4	21.19	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.58	19.99	33	PASS	
				RB8#4	21.58	20.02	33	PASS	
				RB8#7	21.5	19.99	33	PASS	
				RB15#0	21.54	19.97	33	PASS	
			HCH	RB1#0	22.45	20.86	33	PASS	
				RB1#7	22.65	21.12	33	PASS	
				RB1#14	22.29	20.96	33	PASS	
				RB8#0	21.58	20.36	33	PASS	
				RB8#4	21.57	20.23	33	PASS	
				RB8#7	21.44	20.11	33	PASS	
				RB15#0	21.52	20.01	33	PASS	
				5	LCH	RB1#0	22.16	20.84	33
			RB1#13			22.51	20.95	33	PASS
			RB1#24			22.16	20.63	33	PASS
		RB12#0	21.5			20.28	33	PASS	
		RB12#6	21.59			20.24	33	PASS	
		RB12#13	21.41			19.91	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.47	20.20	33	PASS
			MCH	RB1#0	22.51	21.07	33	PASS
				RB1#13	22.72	21.29	33	PASS
				RB1#24	22.33	21.03	33	PASS
				RB12#0	21.59	20.39	33	PASS
				RB12#6	21.73	20.45	33	PASS
				RB12#13	21.59	20.16	33	PASS
				RB25#0	21.61	20.02	33	PASS
				HCH	RB1#0	22.45	21.17	33
			RB1#13		22.68	21.43	33	PASS
			RB1#24		22.19	20.99	33	PASS
			RB12#0		21.55	20.01	33	PASS
			RB12#6		21.63	20.33	33	PASS
			RB12#13		21.42	20.08	33	PASS
			RB25#0		21.42	20.06	33	PASS
		10	LCH		RB1#0	22.1	20.54	33
				RB1#25	22.51	21.10	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.14	20.86	33	PASS
				RB25#0	21.4	19.80	33	PASS
				RB25#13	21.47	19.96	33	PASS
				RB25#25	21.39	19.89	33	PASS
				RB50#0	21.39	20.18	33	PASS
			MCH	RB1#0	22.4	21.18	33	PASS
			MCH	RB1#25	22.73	21.16	33	PASS
			MCH	RB1#49	22.33	20.89	33	PASS
			MCH	RB25#0	21.62	20.35	33	PASS
			MCH	RB25#13	21.69	20.30	33	PASS
			MCH	RB25#25	21.57	20.08	33	PASS
			MCH	RB50#0	21.65	20.25	33	PASS
			HCH	RB1#0	22.31	20.91	33	PASS
			HCH	RB1#25	22.68	21.43	33	PASS
			HCH	RB1#49	22.26	20.80	33	PASS
			HCH	RB25#0	21.57	20.37	33	PASS
			HCH	RB25#13	21.57	20.35	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.41	19.89	33	PASS
				RB50#0	21.41	20.09	33	PASS
				RB1#0	22.01	20.57	33	PASS
				RB1#38	22.51	21.10	33	PASS
				RB1#74	21.99	20.77	33	PASS
			LCH	RB38#0	21.4	19.89	33	PASS
				RB38#19	21.47	20.14	33	PASS
				RB38#39	21.29	19.95	33	PASS
				RB75#0	21.32	19.93	33	PASS
		15		RB1#0	22.25	20.74	33	PASS
				RB1#38	22.74	21.26	33	PASS
				RB1#74	22.06	20.61	33	PASS
			MCH	RB38#0	21.57	20.07	33	PASS
				RB38#19	21.7	20.19	33	PASS
				RB38#39	21.48	20.24	33	PASS
				RB75#0	21.47	20.26	33	PASS
			HCH	RB1#0	22.12	20.61	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.56	21.05	33	PASS
				RB1#74	21.97	20.69	33	PASS
				RB38#0	21.46	20.05	33	PASS
				RB38#19	21.59	20.34	33	PASS
				RB38#39	21.27	19.81	33	PASS
				RB75#0	21.37	19.80	33	PASS
				RB1#0	21.93	20.52	33	PASS
				RB1#50	22.51	20.95	33	PASS
				RB1#99	21.71	20.44	33	PASS
			LCH	RB50#0	21.27	19.96	33	PASS
				RB50#25	21.38	19.90	33	PASS
				RB50#50	21.21	19.95	33	PASS
				RB100#0	21.3	19.77	33	PASS
		20		RB1#0	22.09	20.57	33	PASS
				RB1#50	22.62	21.19	33	PASS
			MCH	RB1#99	22.01	20.44	33	PASS
				RB50#0	21.52	19.98	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.68	20.11	33	PASS
				RB50#50	21.41	20.03	33	PASS
				RB100#0	21.43	20.18	33	PASS
			HCH	RB1#0	22.06	20.63	33	PASS
				RB1#50	22.71	21.41	33	PASS
				RB1#99	22	20.48	33	PASS
				RB50#0	21.4	20.04	33	PASS
				RB50#25	21.6	20.18	33	PASS
				RB50#50	21.13	19.54	33	PASS
				RB100#0	21.29	19.88	33	PASS
				LCH	RB1#0	21.29	19.84	33
			RB1#3		21.36	20.01	33	PASS
			RB1#5		21.27	19.86	33	PASS
			RB3#0		21.51	19.93	33	PASS
			RB3#2		21.52	20.15	33	PASS
RB3#3	21.49	20.28	33		PASS			
RB6#0	20.93	19.57	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.81	20.46	33	PASS
				RB1#3	21.85	20.35	33	PASS
				RB1#5	21.59	20.02	33	PASS
				RB3#0	21.74	20.17	33	PASS
				RB3#2	21.73	20.50	33	PASS
				RB3#3	21.69	20.18	33	PASS
				RB6#0	21.18	19.87	33	PASS
			HCH	RB1#0	21.68	20.29	33	PASS
				RB1#3	21.8	20.59	33	PASS
				RB1#5	21.6	20.07	33	PASS
				RB3#0	21.4	19.99	33	PASS
				RB3#2	21.62	20.20	33	PASS
				RB3#3	21.34	20.02	33	PASS
				RB6#0	21.01	19.41	33	PASS
		3	LCH	RB1#0	21.29	19.72	33	PASS
RB1#7	21.59			20.31	33	PASS		
RB1#14	21.29			20.03	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.9	19.38	33	PASS
				RB8#4	20.94	19.54	33	PASS
				RB8#7	20.96	19.46	33	PASS
				RB15#0	20.86	19.27	33	PASS
			MCH	RB1#0	21.55	20.17	33	PASS
				RB1#7	21.69	20.36	33	PASS
				RB1#14	21.4	19.86	33	PASS
				RB8#0	21.2	19.96	33	PASS
				RB8#4	21.19	19.83	33	PASS
				RB8#7	21.1	19.81	33	PASS
				RB15#0	21.06	19.63	33	PASS
			HCH	RB1#0	21.46	20.09	33	PASS
				RB1#7	21.52	20.14	33	PASS
				RB1#14	21.13	19.74	33	PASS
				RB8#0	21.01	19.71	33	PASS
				RB8#4	21.1	19.50	33	PASS
				RB8#7	20.87	19.50	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.94	19.68	33	PASS
		5	LCH	RB1#0	21.16	19.87	33	PASS
				RB1#13	21.46	20.02	33	PASS
				RB1#24	21.06	19.61	33	PASS
				RB12#0	20.93	19.44	33	PASS
				RB12#6	21.02	19.67	33	PASS
				RB12#13	20.85	19.46	33	PASS
				RB25#0	20.9	19.31	33	PASS
				MCH	RB1#0	21.34	19.83	33
			RB1#13		21.58	20.01	33	PASS
			RB1#24		21.17	19.84	33	PASS
			RB12#0		21.13	19.72	33	PASS
			RB12#6		21.2	19.80	33	PASS
			RB12#13		21.07	19.84	33	PASS
			RB25#0		21.08	19.60	33	PASS
			HCH	RB1#0	21.59	20.18	33	PASS
		RB1#13		21.82	20.41	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	21.34	19.93	33	PASS	
				RB12#0	20.97	19.41	33	PASS	
				RB12#6	21.02	19.46	33	PASS	
				RB12#13	20.86	19.51	33	PASS	
				RB25#0	20.81	19.41	33	PASS	
		10	LCH	RB1#0	21.32	19.84	33	PASS	
				RB1#25	21.66	20.41	33	PASS	
				RB1#49	21.31	20.10	33	PASS	
				RB25#0	20.8	19.39	33	PASS	
				RB25#13	20.88	19.61	33	PASS	
				RB25#25	20.82	19.24	33	PASS	
				RB50#0	20.78	19.28	33	PASS	
				MCH	RB1#0	21.54	20.34	33	PASS
					RB1#25	21.82	20.41	33	PASS
					RB1#49	21.41	20.04	33	PASS
RB25#0	21.04	19.79	33		PASS				
RB25#13	21.09	19.79	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.98	19.74	33	PASS
				RB50#0	21.06	19.81	33	PASS
			HCH	RB1#0	21.26	20.06	33	PASS
				RB1#25	21.53	20.13	33	PASS
				RB1#49	21.09	19.58	33	PASS
				RB25#0	20.98	19.49	33	PASS
				RB25#13	21.03	19.55	33	PASS
				RB25#25	20.79	19.54	33	PASS
				RB50#0	20.79	19.37	33	PASS
				15	LCH	RB1#0	21.22	19.94
		RB1#38	21.66			20.36	33	PASS
		RB1#74	21.15			19.63	33	PASS
		RB38#0	20.85			19.62	33	PASS
		RB38#19	20.94			19.36	33	PASS
		RB38#39	20.77			19.30	33	PASS
RB75#0	20.76	19.38	33			PASS		
MCH	RB1#0	21.38	20.00	33	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.87	20.52	33	PASS
				RB1#74	21.22	19.91	33	PASS
				RB38#0	21.05	19.47	33	PASS
				RB38#19	21.18	19.87	33	PASS
				RB38#39	20.93	19.38	33	PASS
				RB75#0	20.88	19.32	33	PASS
			HCH	RB1#0	21.28	19.74	33	PASS
				RB1#38	21.69	20.16	33	PASS
				RB1#74	21.06	19.79	33	PASS
				RB38#0	20.93	19.53	33	PASS
				RB38#19	21.01	19.79	33	PASS
				RB38#39	20.68	19.18	33	PASS
		LCH	RB75#0	20.76	19.36	33	PASS	
			RB1#0	21.59	20.04	33	PASS	
			RB1#50	22.18	20.69	33	PASS	
			RB1#99	21.48	20.24	33	PASS	
20		20	RB50#0	20.72	19.32	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.85	19.36	33	PASS
				RB50#50	20.69	19.30	33	PASS
				RB100#0	20.73	19.23	33	PASS
			MCH	RB1#0	21.67	20.17	33	PASS
				RB1#50	22.17	20.92	33	PASS
				RB1#99	21.53	19.97	33	PASS
				RB50#0	20.93	19.51	33	PASS
				RB50#25	21.08	19.70	33	PASS
				RB50#50	20.8	19.59	33	PASS
				RB100#0	20.85	19.27	33	PASS
			HCH	RB1#0	21.75	20.19	33	PASS
				RB1#50	22.33	21.10	33	PASS
				RB1#99	21.71	20.26	33	PASS
				RB50#0	20.81	19.42	33	PASS
				RB50#25	21.01	19.43	33	PASS
				RB50#50	20.53	19.09	33	PASS
				RB100#0	20.68	19.45	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	3.28	13	PASS
				RB1#3	3.49	13	PASS
				RB1#5	3.52	13	PASS
				RB3#0	3.76	13	PASS
				RB3#2	3.39	13	PASS
				RB3#3	3.74	13	PASS
			RB6#0	4.82	13	PASS	
			MCH	RB1#0	3.68	13	PASS
				RB1#3	3.39	13	PASS
				RB1#5	3.65	13	PASS
				RB3#0	3.85	13	PASS
				RB3#2	3.71	13	PASS
				RB3#3	3.85	13	PASS
			HCH	RB6#0	4.99	13	PASS
				RB1#0	3.35	13	PASS
				RB1#3	3.32	13	PASS
				RB1#5	3.22	13	PASS
				RB3#0	3.75	13	PASS
		RB3#2		3.54	13	PASS	
		3	LCH	RB3#3	3.69	13	PASS
				RB6#0	5.19	13	PASS
				RB1#0	3.37	13	PASS
				RB1#7	3.23	13	PASS
				RB1#14	3.51	13	PASS
				RB8#0	4.51	13	PASS
			MCH	RB8#4	4.32	13	PASS
				RB8#7	4.53	13	PASS
RB15#0	5.04			13	PASS		
MCH	RB1#0	3.7	13	PASS			
	RB1#7	3.24	13	PASS			
	RB1#14	3.69	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	4.76	13	PASS	
				RB8#4	4.56	13	PASS	
				RB8#7	4.65	13	PASS	
				RB15#0	5.19	13	PASS	
			HCH	RB1#0	3.61	13	PASS	
				RB1#7	3.29	13	PASS	
				RB1#14	3.43	13	PASS	
				RB8#0	4.64	13	PASS	
				RB8#4	4.4	13	PASS	
				RB8#7	4.71	13	PASS	
			RB15#0	5.11	13	PASS		
			5	LCH	RB1#0	3.45	13	PASS
					RB1#13	3.44	13	PASS
					RB1#24	3.65	13	PASS
		RB12#0			4.39	13	PASS	
		RB12#6			4.15	13	PASS	
		RB12#13			4.53	13	PASS	
		RB25#0		5	13	PASS		
		MCH		RB1#0	3.65	13	PASS	
				RB1#13	3.46	13	PASS	
				RB1#24	3.6	13	PASS	
				RB12#0	4.69	13	PASS	
				RB12#6	4.34	13	PASS	
				RB12#13	4.6	13	PASS	
		RB25#0	5.2	13	PASS			
		HCH	RB1#0	3.53	13	PASS		
			RB1#13	3.37	13	PASS		
			RB1#24	3.42	13	PASS		
			RB12#0	4.75	13	PASS		
			RB12#6	4.53	13	PASS		
			RB12#13	4.78	13	PASS		
RB25#0	5.18	13	PASS					
10	LCH	RB1#0	3.43	13	PASS			
		RB1#25	3.37	13	PASS			
		RB1#49	3.75	13	PASS			
		RB25#0	4.49	13	PASS			
		RB25#13	4.45	13	PASS			
		RB25#25	4.75	13	PASS			
		RB50#0	5.21	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	3.65	13	PASS
				RB1#25	3.47	13	PASS
				RB1#49	3.56	13	PASS
				RB25#0	4.75	13	PASS
				RB25#13	4.56	13	PASS
				RB25#25	4.74	13	PASS
				RB50#0	5.07	13	PASS
			HCH	RB1#0	3.34	13	PASS
				RB1#25	3.42	13	PASS
				RB1#49	3.57	13	PASS
				RB25#0	4.55	13	PASS
				RB25#13	4.49	13	PASS
				RB25#25	4.79	13	PASS
				RB50#0	5.43	13	PASS
		15	LCH	RB1#0	3.5	13	PASS
				RB1#38	3.51	13	PASS
				RB1#74	3.91	13	PASS
				RB38#0	4.81	13	PASS
				RB38#19	4.71	13	PASS
				RB38#39	5.09	13	PASS
				RB75#0	5.55	13	PASS
			MCH	RB1#0	3.64	13	PASS
				RB1#38	3.39	13	PASS
				RB1#74	3.6	13	PASS
				RB38#0	4.95	13	PASS
				RB38#19	4.59	13	PASS
				RB38#39	4.83	13	PASS
				RB75#0	5.59	13	PASS
		HCH	RB1#0	3.74	13	PASS	
			RB1#38	3.52	13	PASS	
			RB1#74	4	13	PASS	
			RB38#0	4.62	13	PASS	
RB38#19	4.43		13	PASS			
RB38#39	5.05		13	PASS			
RB75#0	5.51		13	PASS			
20	LCH	RB1#0	3.56	13	PASS		
		RB1#50	3.61	13	PASS		
		RB1#99	3.88	13	PASS		
		RB50#0	4.76	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB50#25	4.74	13	PASS			
				RB50#50	5	13	PASS			
				RB100#0	5.44	13	PASS			
			MCH	RB1#0	3.84	13	PASS			
				RB1#50	3.44	13	PASS			
				RB1#99	3.69	13	PASS			
				RB50#0	4.89	13	PASS			
				RB50#25	4.48	13	PASS			
				RB50#50	4.79	13	PASS			
			HCH	RB100#0	5.37	13	PASS			
				RB1#0	3.8	13	PASS			
				RB1#50	3.17	13	PASS			
				RB1#99	4.02	13	PASS			
				RB50#0	4.71	13	PASS			
				RB50#25	4.36	13	PASS			
					1.4	LCH	RB50#50	5.08	13	PASS
							RB100#0	5.39	13	PASS
							RB1#0	4.18	13	PASS
	RB1#3	4.28					13	PASS		
	RB1#5	4.23					13	PASS		
	RB3#0	4.43					13	PASS		
	MCH	RB3#2				4.35	13	PASS		
		RB3#3				4.44	13	PASS		
		RB6#0				5.32	13	PASS		
		RB1#0				4.51	13	PASS		
		RB1#3				4.43	13	PASS		
		RB1#5				4.38	13	PASS		
	HCH	RB3#0	4.91	13	PASS					
		RB3#2	4.71	13	PASS					
		RB3#3	4.76	13	PASS					
RB6#0		5.56	13	PASS						
RB1#0		4.18	13	PASS						
RB1#3		4.16	13	PASS						
		3	LCH	RB1#5	4.15	13	PASS			
				RB3#0	4.53	13	PASS			
				RB3#2	4.44	13	PASS			
				RB3#3	4.52	13	PASS			
				RB6#0	5.47	13	PASS			
				RB1#0	4.39	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#7	4.17	13	PASS	
				RB1#14	4.35	13	PASS	
				RB8#0	5.06	13	PASS	
				RB8#4	4.74	13	PASS	
				RB8#7	4.9	13	PASS	
				RB15#0	5.76	13	PASS	
			MCH	RB1#0	4.6	13	PASS	
				RB1#7	4.23	13	PASS	
				RB1#14	4.54	13	PASS	
				RB8#0	5.29	13	PASS	
				RB8#4	5.19	13	PASS	
				RB8#7	5.13	13	PASS	
			HCH	RB15#0	5.86	13	PASS	
				RB1#0	4.92	13	PASS	
				RB1#7	4.51	13	PASS	
				RB1#14	4.7	13	PASS	
				RB8#0	5.13	13	PASS	
				RB8#4	5.01	13	PASS	
		5	LCH		RB8#7	5.23	13	PASS
					RB15#0	5.73	13	PASS
					RB1#0	4.5	13	PASS
					RB1#13	4.54	13	PASS
					RB1#24	4.72	13	PASS
					RB12#0	5	13	PASS
			MCH	RB12#6	4.79	13	PASS	
				RB12#13	5.17	13	PASS	
				RB25#0	5.59	13	PASS	
				RB1#0	4.78	13	PASS	
				RB1#13	4.56	13	PASS	
				RB1#24	4.66	13	PASS	
HCH	RB12#0	5.23	13	PASS				
	RB12#6	5.02	13	PASS				
	RB12#13	5.31	13	PASS				
	RB25#0	5.87	13	PASS				
	RB12#6	4.98	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#13	5.21	13	PASS
				RB25#0	5.78	13	PASS
			LCH	RB1#0	4.4	13	PASS
				RB1#25	4.53	13	PASS
				RB1#49	4.94	13	PASS
				RB25#0	5.27	13	PASS
				RB25#13	5.17	13	PASS
				RB25#25	5.56	13	PASS
				RB50#0	5.82	13	PASS
				MCH	RB1#0	4.79	13
		RB1#25	4.59		13	PASS	
		RB1#49	4.56		13	PASS	
		RB25#0	5.43		13	PASS	
		RB25#13	5.19		13	PASS	
		RB25#25	5.44		13	PASS	
		RB50#0	5.89		13	PASS	
		HCH	RB1#0	4.31	13	PASS	
			RB1#25	4.42	13	PASS	
			RB1#49	4.64	13	PASS	
			RB25#0	5.19	13	PASS	
			RB25#13	5.14	13	PASS	
			RB25#25	5.46	13	PASS	
			RB50#0	5.79	13	PASS	
		15	LCH	RB1#0	4.55	13	PASS
				RB1#38	4.51	13	PASS
				RB1#74	4.84	13	PASS
				RB38#0	5.35	13	PASS
				RB38#19	5.31	13	PASS
				RB38#39	5.74	13	PASS
				RB75#0	6.17	13	PASS
			MCH	RB1#0	4.88	13	PASS
				RB1#38	4.33	13	PASS
RB1#74	4.5			13	PASS		
RB38#0	5.51			13	PASS		
RB38#19	5.19			13	PASS		
RB38#39	5.48	13		PASS			
HCH	RB1#0	4.49	13	PASS			
	RB1#38	4.28	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20		RB1#74	4.75	13	PASS
				RB38#0	5.1	13	PASS
				RB38#19	5.01	13	PASS
				RB38#39	5.54	13	PASS
				RB75#0	6.08	13	PASS
			LCH	RB1#0	4.4	13	PASS
				RB1#50	4.23	13	PASS
				RB1#99	4.76	13	PASS
				RB50#0	5.46	13	PASS
				RB50#25	5.43	13	PASS
				RB50#50	5.74	13	PASS
				RB100#0	6.13	13	PASS
			MCH	RB1#0	4.6	13	PASS
				RB1#50	4.09	13	PASS
				RB1#99	4.69	13	PASS
		RB50#0		5.51	13	PASS	
		RB50#25		5.19	13	PASS	
		RB50#50		5.4	13	PASS	
		RB100#0		6.37	13	PASS	
		HCH	RB1#0	4.25	13	PASS	
			RB1#50	3.7	13	PASS	
			RB1#99	4.45	13	PASS	
			RB50#0	5.18	13	PASS	
			RB50#25	4.9	13	PASS	
			RB50#50	5.57	13	PASS	
			RB100#0	5.88	13	PASS	



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

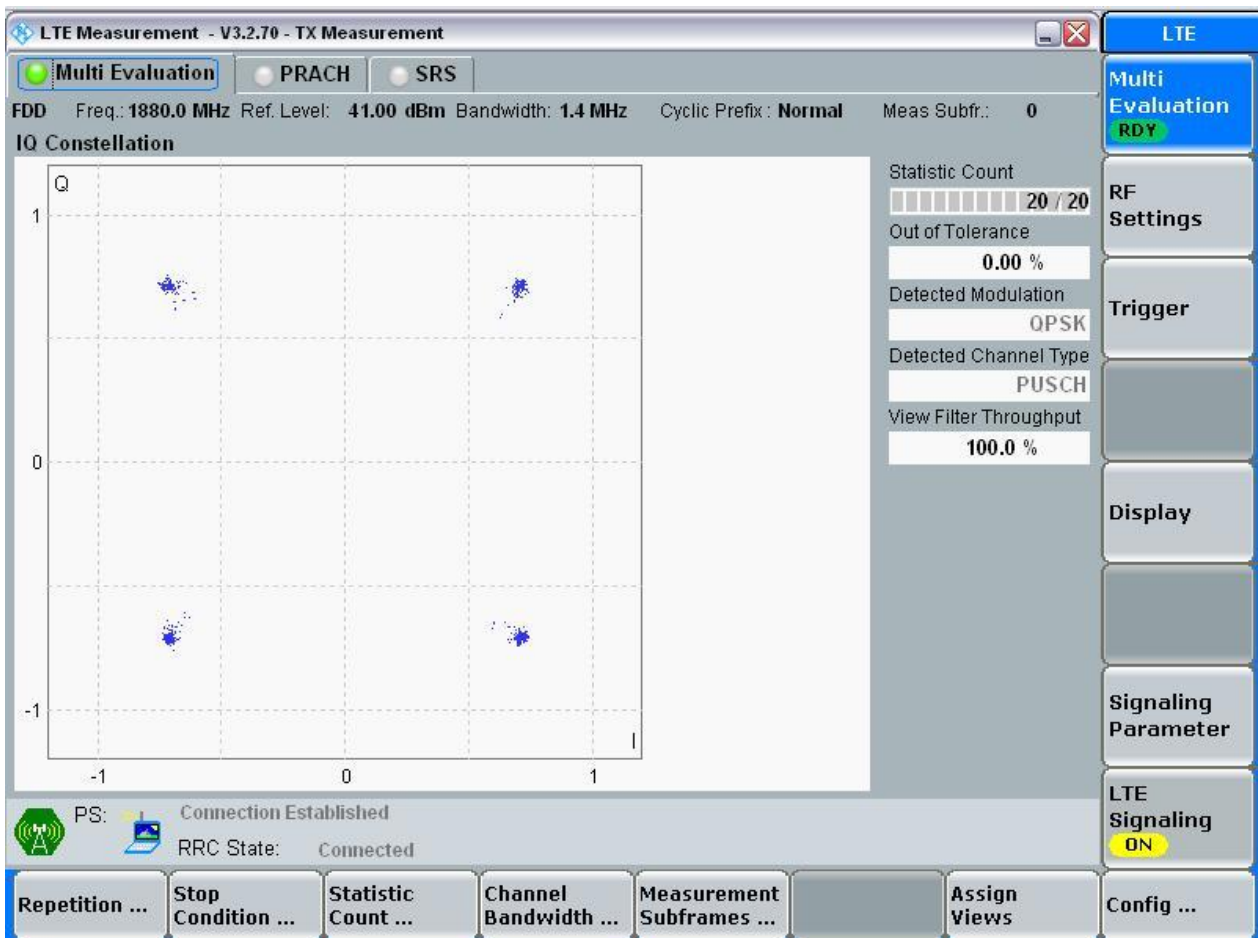
##### 3.1.1 Test Band = BAND2

##### 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

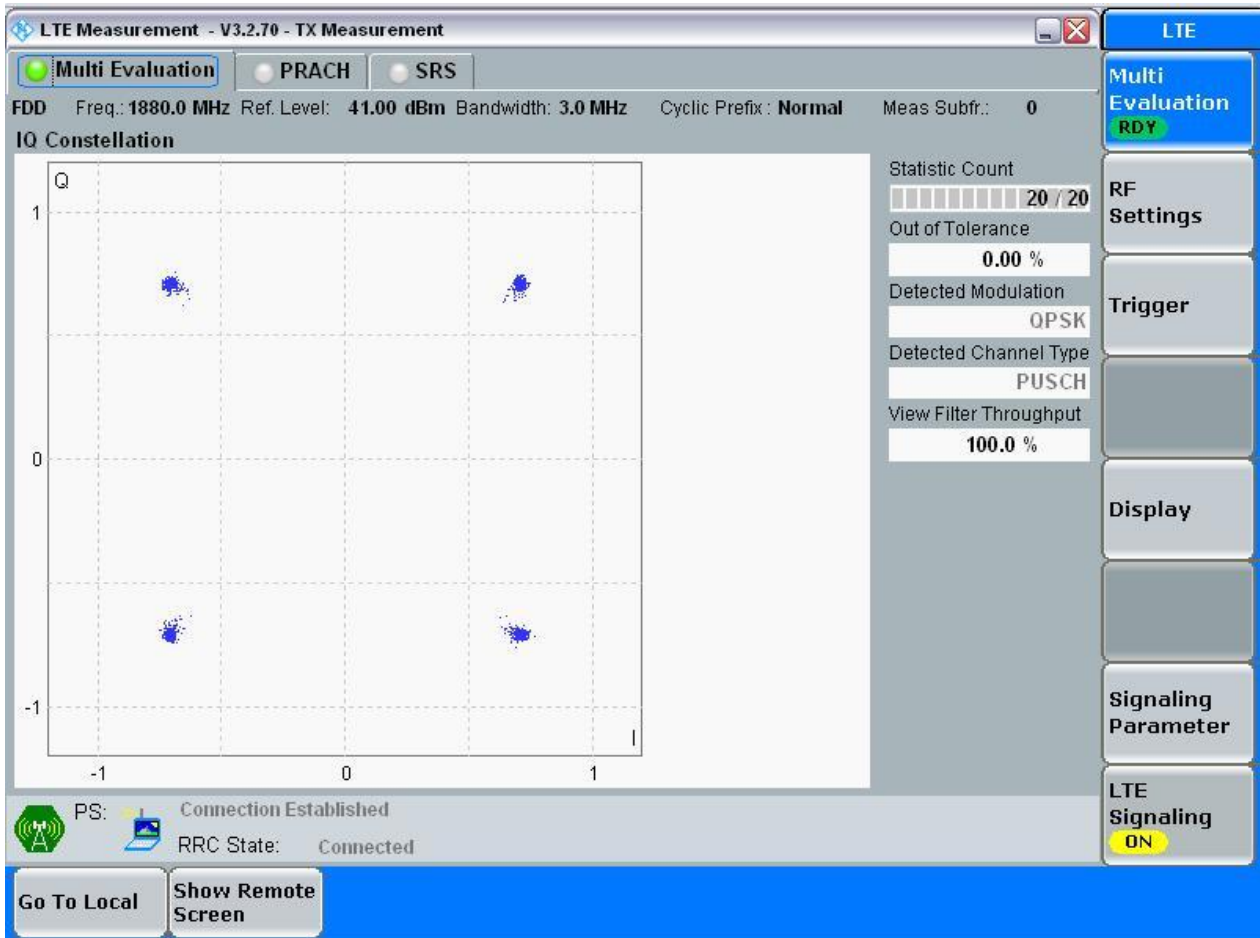
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

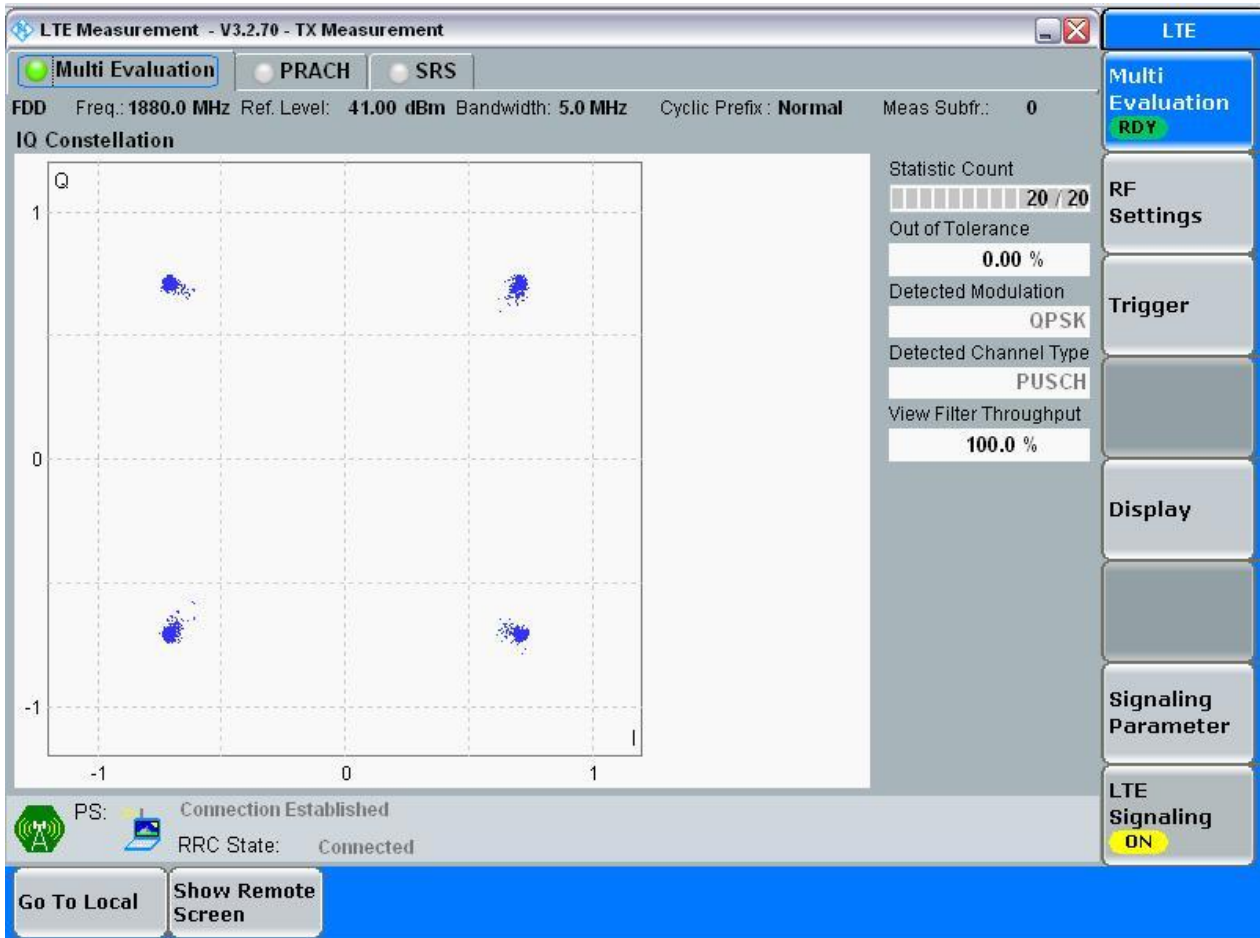
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

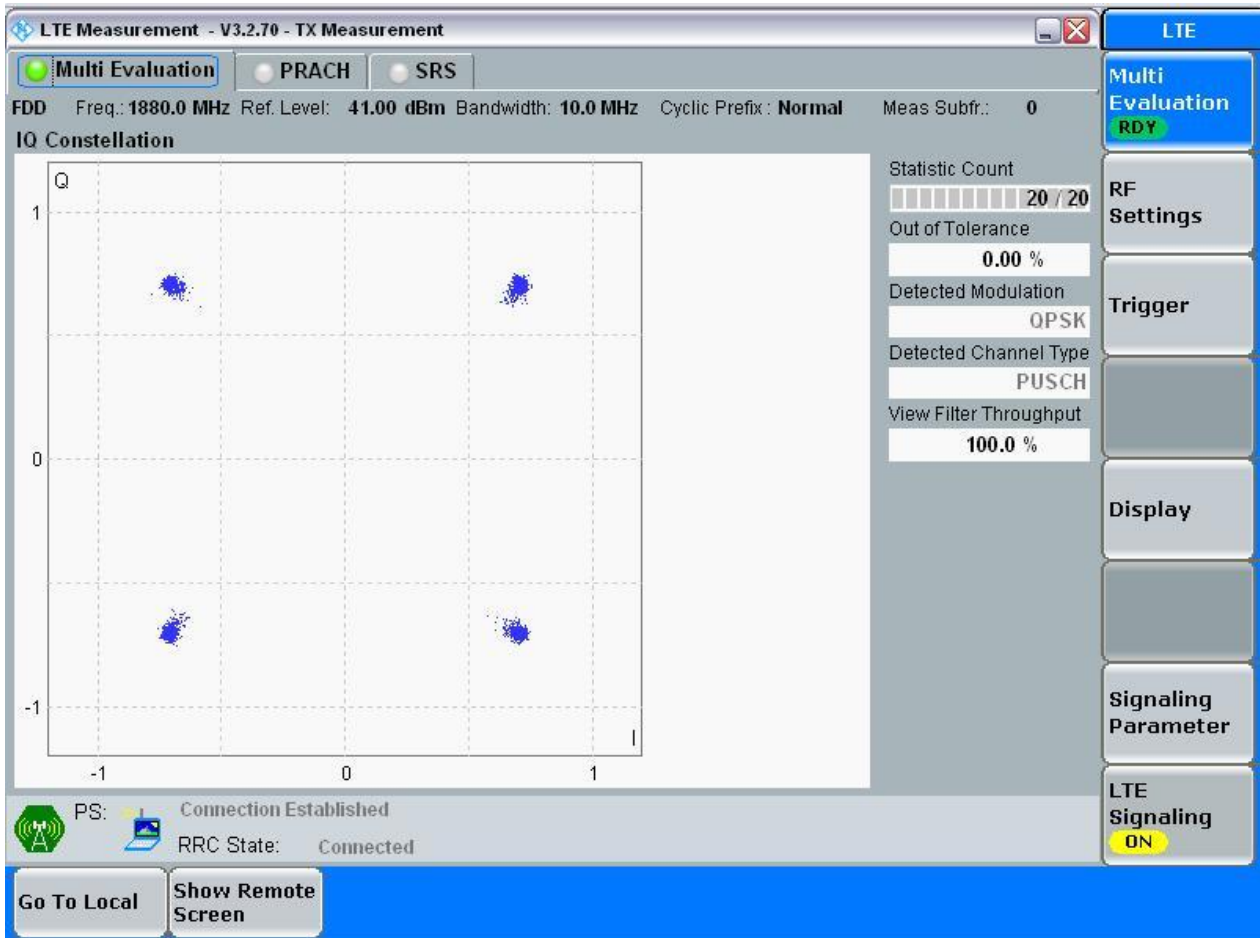
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

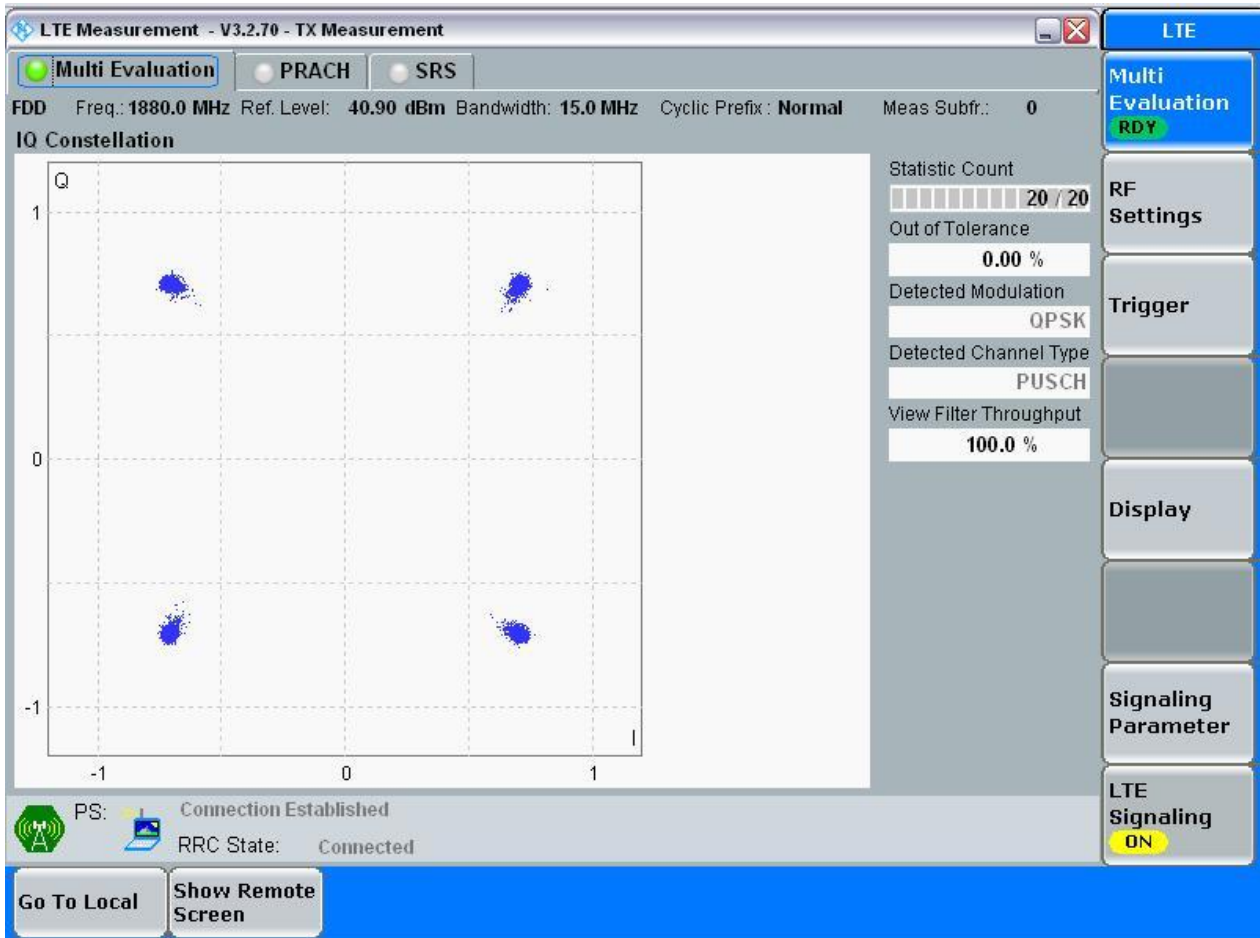
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

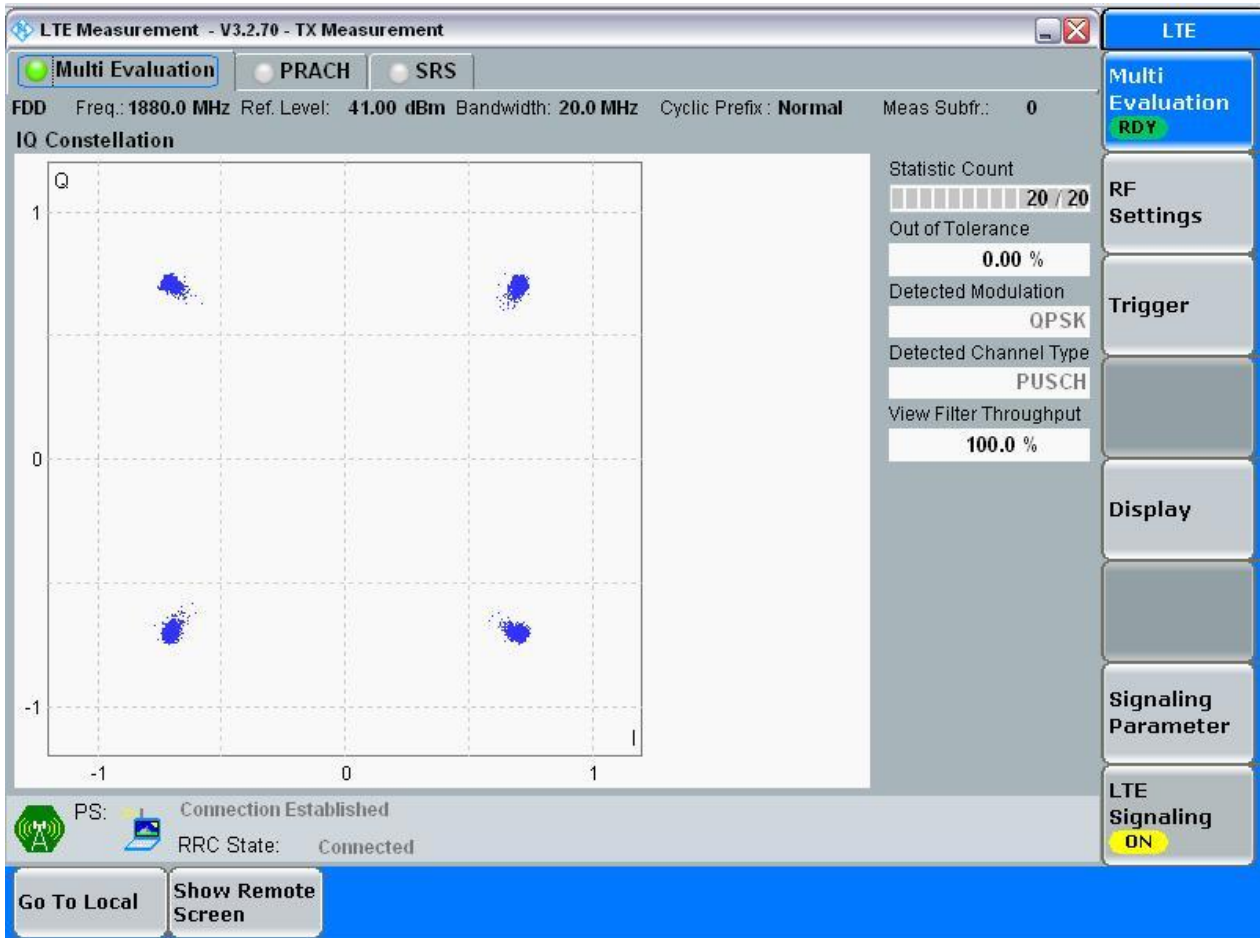
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

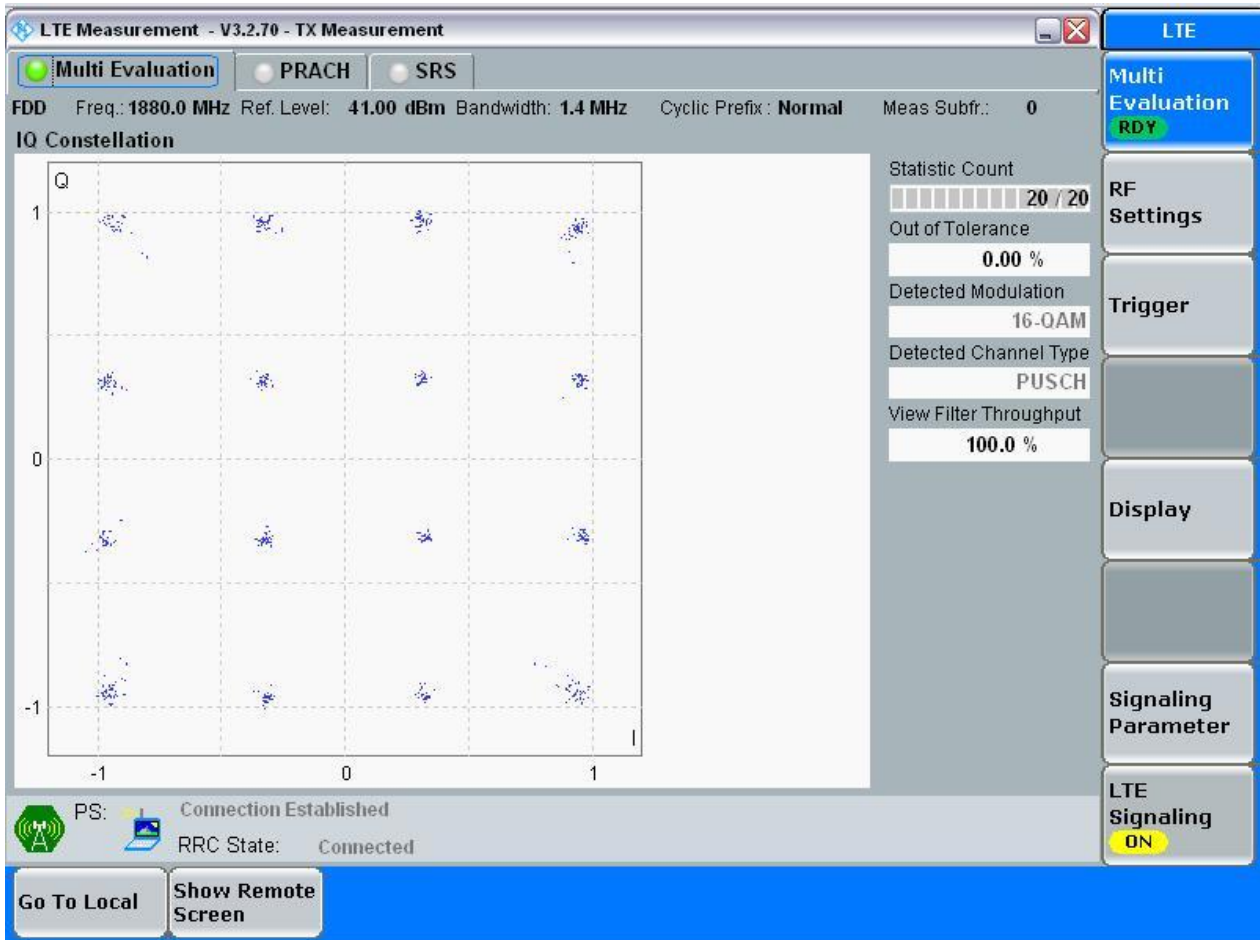


3.1.1.2 Test Mode = LTE/TM2

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

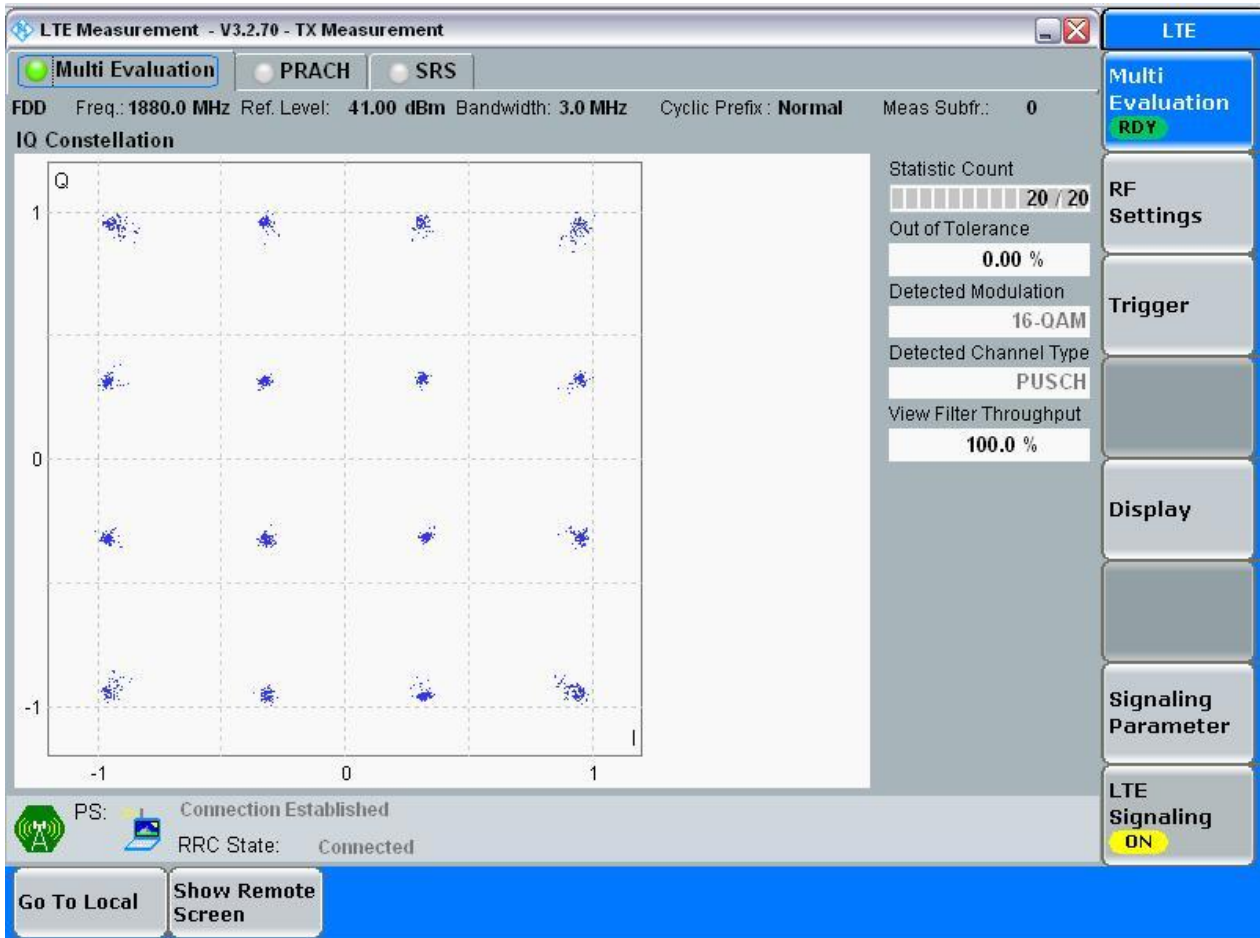




### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

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

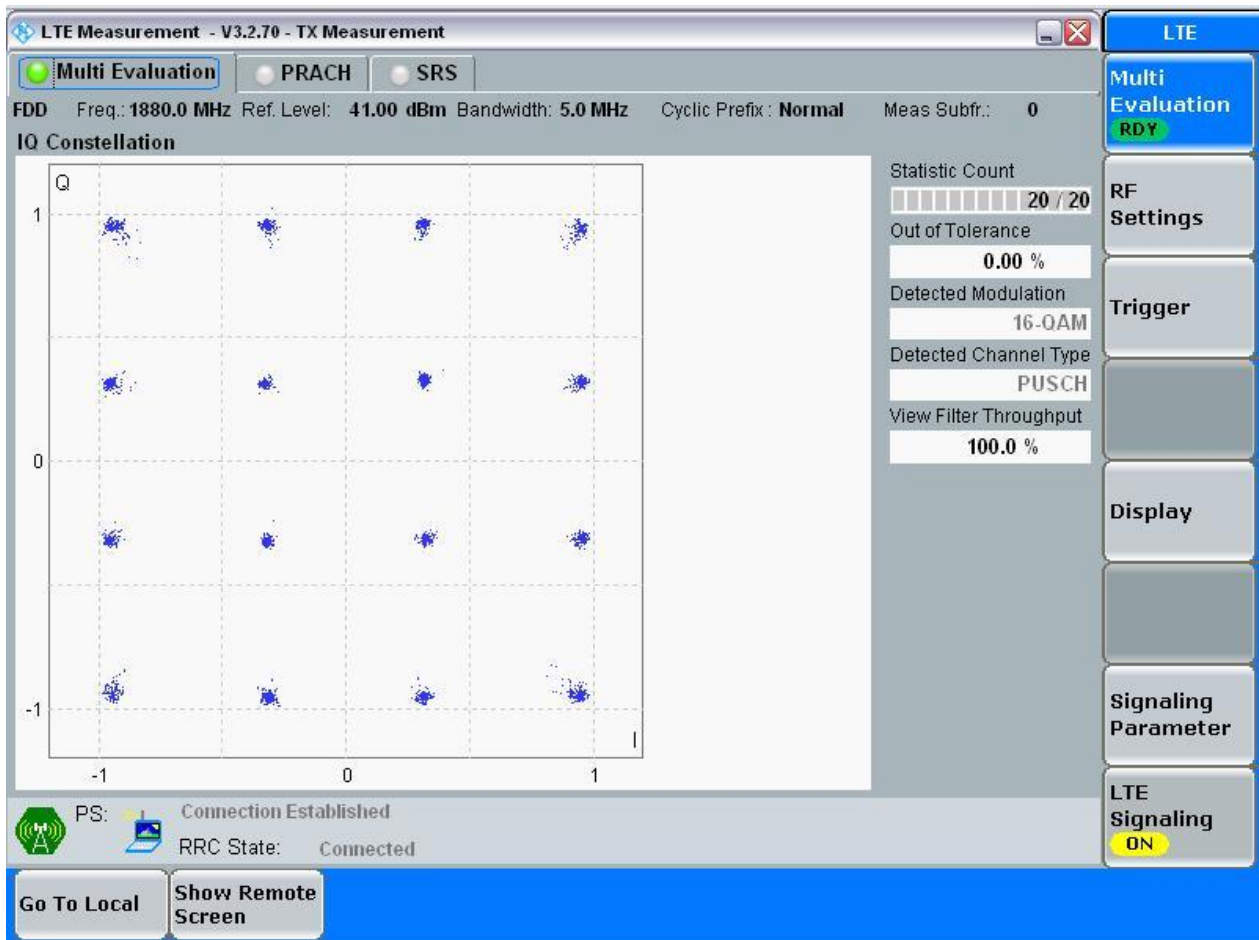




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

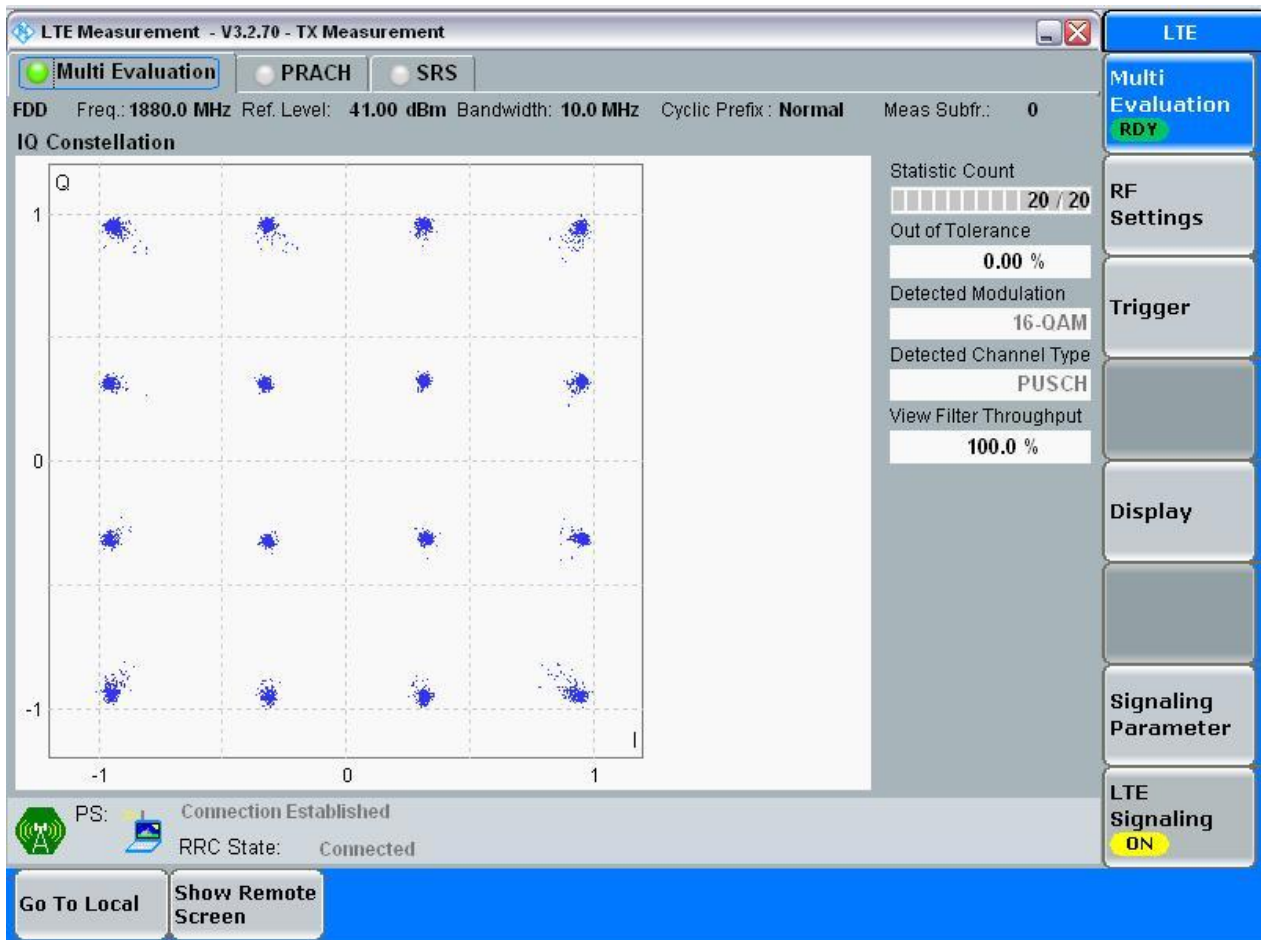
##### 3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

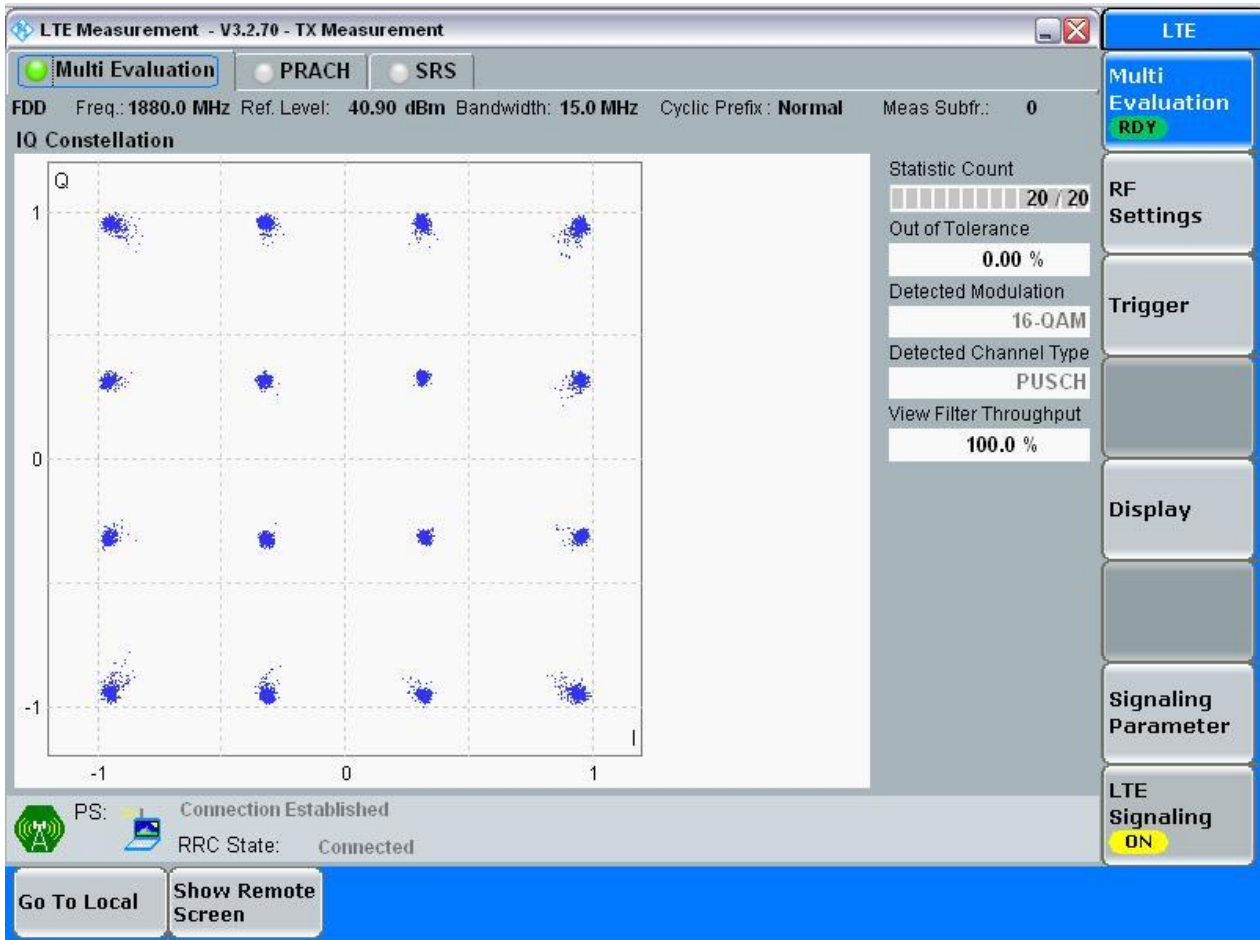
3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

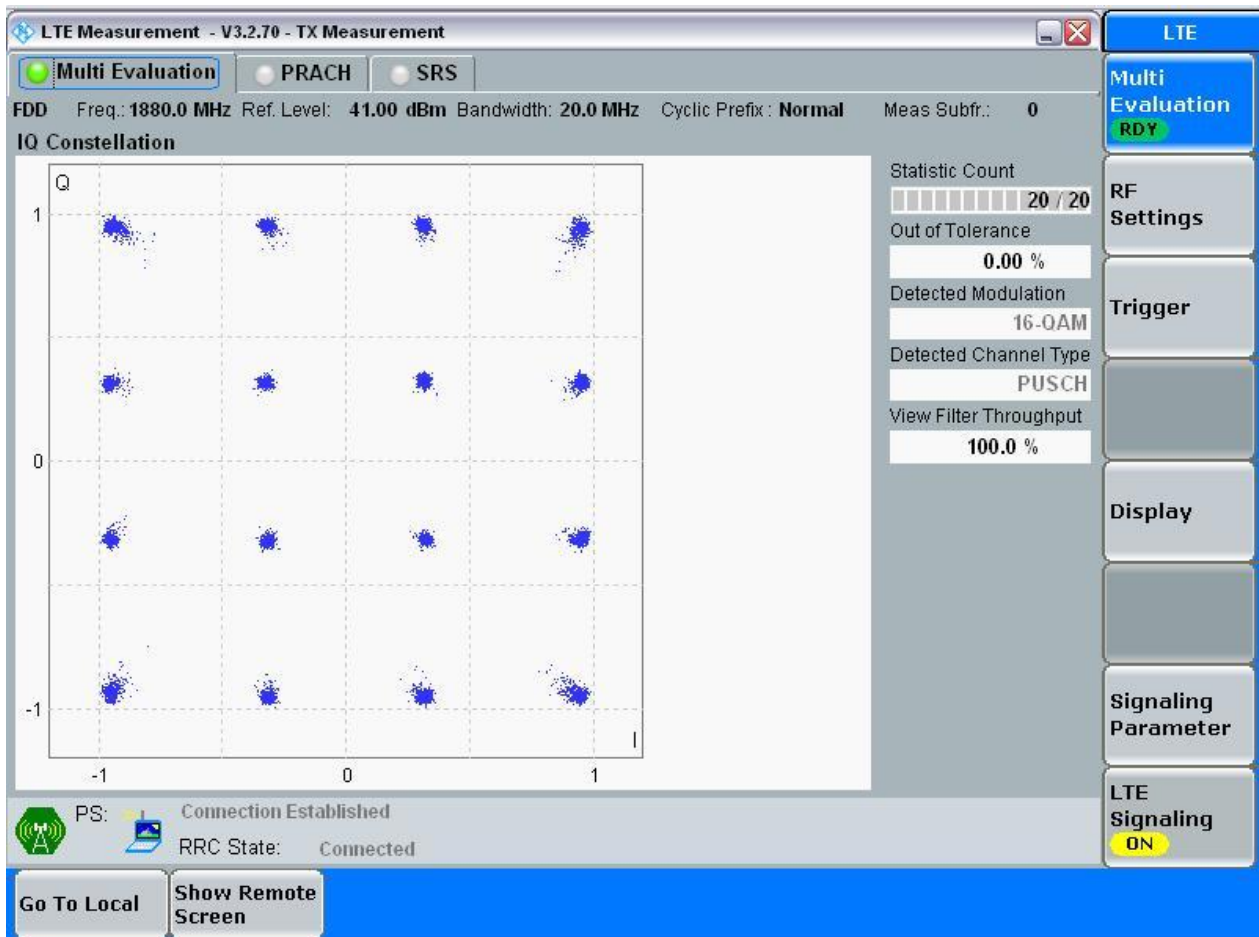
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	1.10	1.25	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	3.01	Pass
			MCH	RB15#0	2.72	2.99	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.53	4.99	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.52	4.97	Pass
		10	LCH	RB50#0	9.00	9.91	Pass
			MCH	RB50#0	9.00	9.95	Pass
			HCH	RB50#0	9.01	9.95	Pass
		15	LCH	RB75#0	13.49	15.05	Pass
			MCH	RB75#0	13.50	15.03	Pass
			HCH	RB75#0	13.52	14.96	Pass
		20	LCH	RB100#0	17.95	19.83	Pass
			MCH	RB100#0	18.00	19.84	Pass
			HCH	RB100#0	18.01	19.96	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.27	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.72	3.00	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.53	4.97	Pass
			MCH	RB25#0	4.52	4.99	Pass
			HCH	RB25#0	4.53	4.98	Pass
10		LCH	RB50#0	9.04	9.96	Pass	
		MCH	RB50#0	9.02	9.98	Pass	
		HCH	RB50#0	9.00	9.95	Pass	
15		LCH	RB75#0	13.52	15.12	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB75#0	13.50	15.09	Pass
			HCH	RB75#0	13.51	15.01	Pass
		20	LCH	RB100#0	18.01	19.86	Pass
			MCH	RB100#0	18.02	20.00	Pass
			HCH	RB100#0	18.01	19.91	Pass



Part II - Test Plots

4.1 For LTE

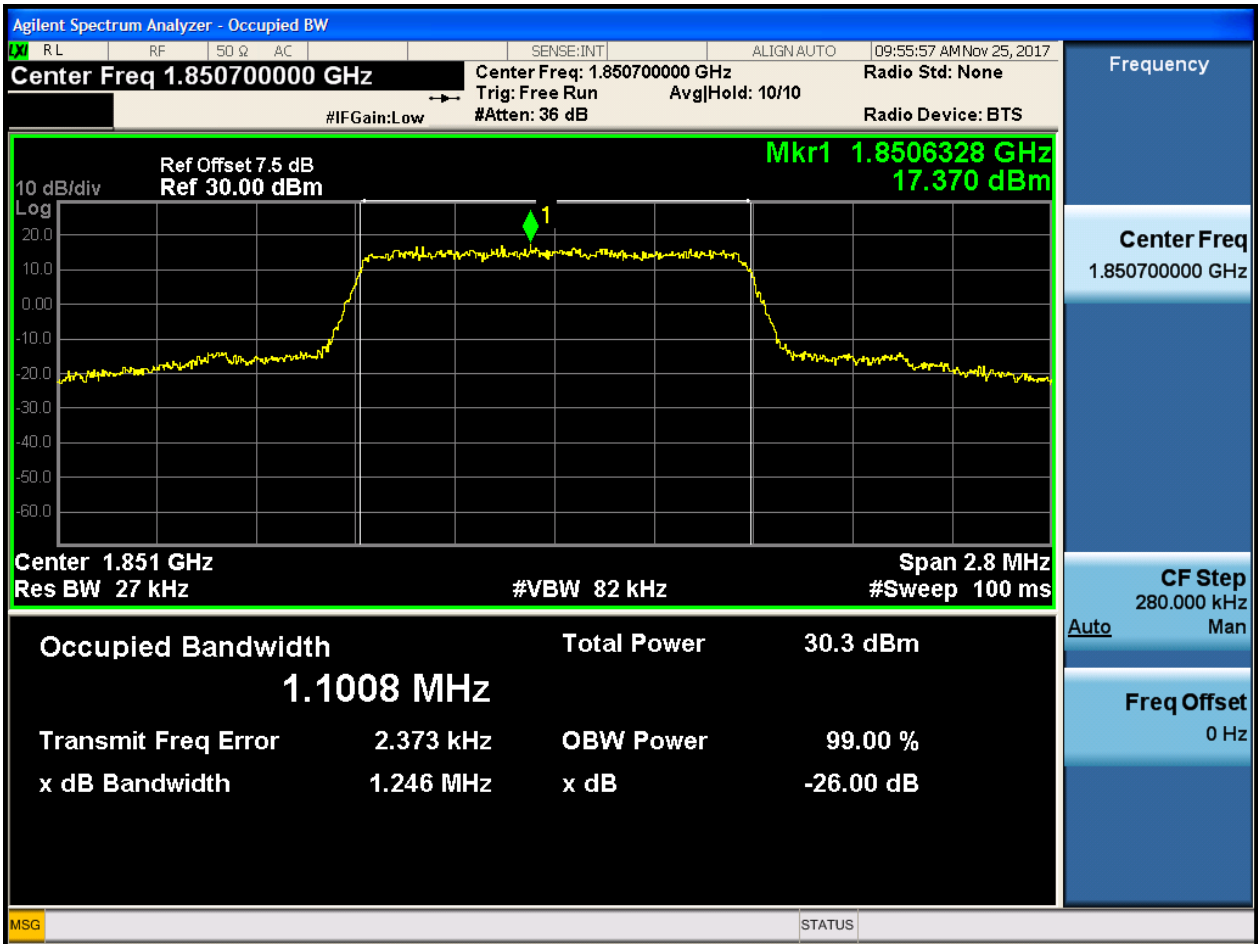
4.1.1 Test Band = BAND2

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

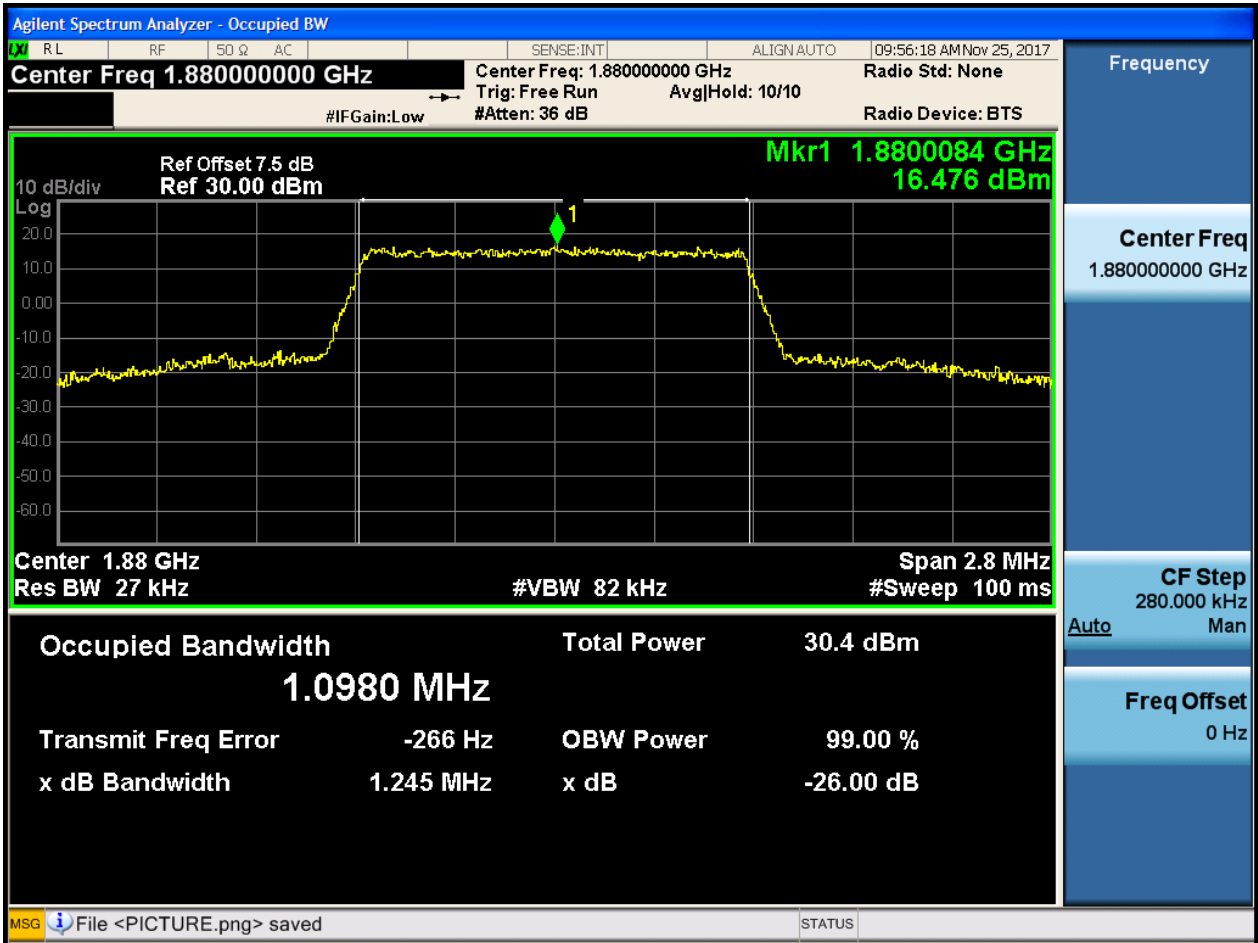
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0

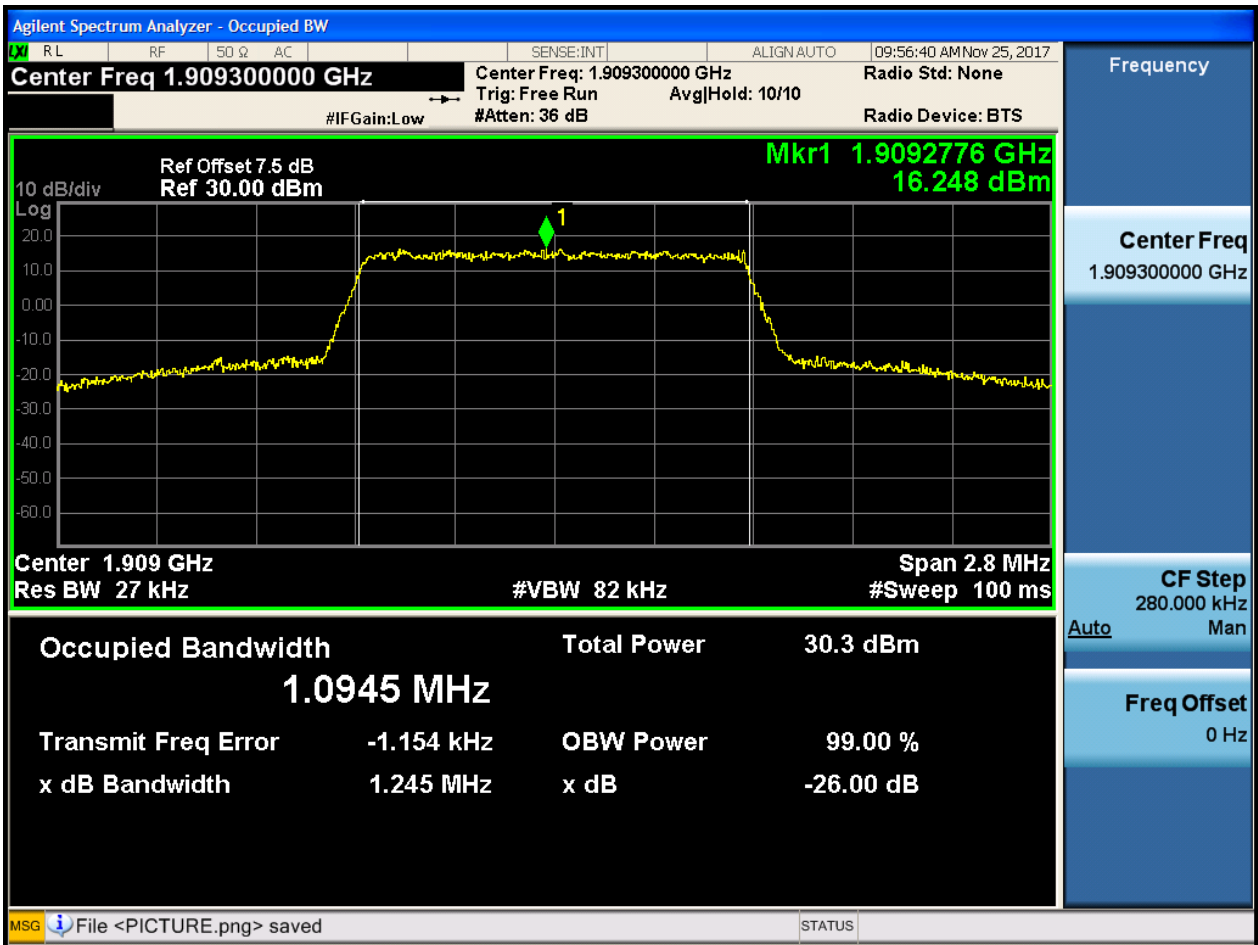






4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

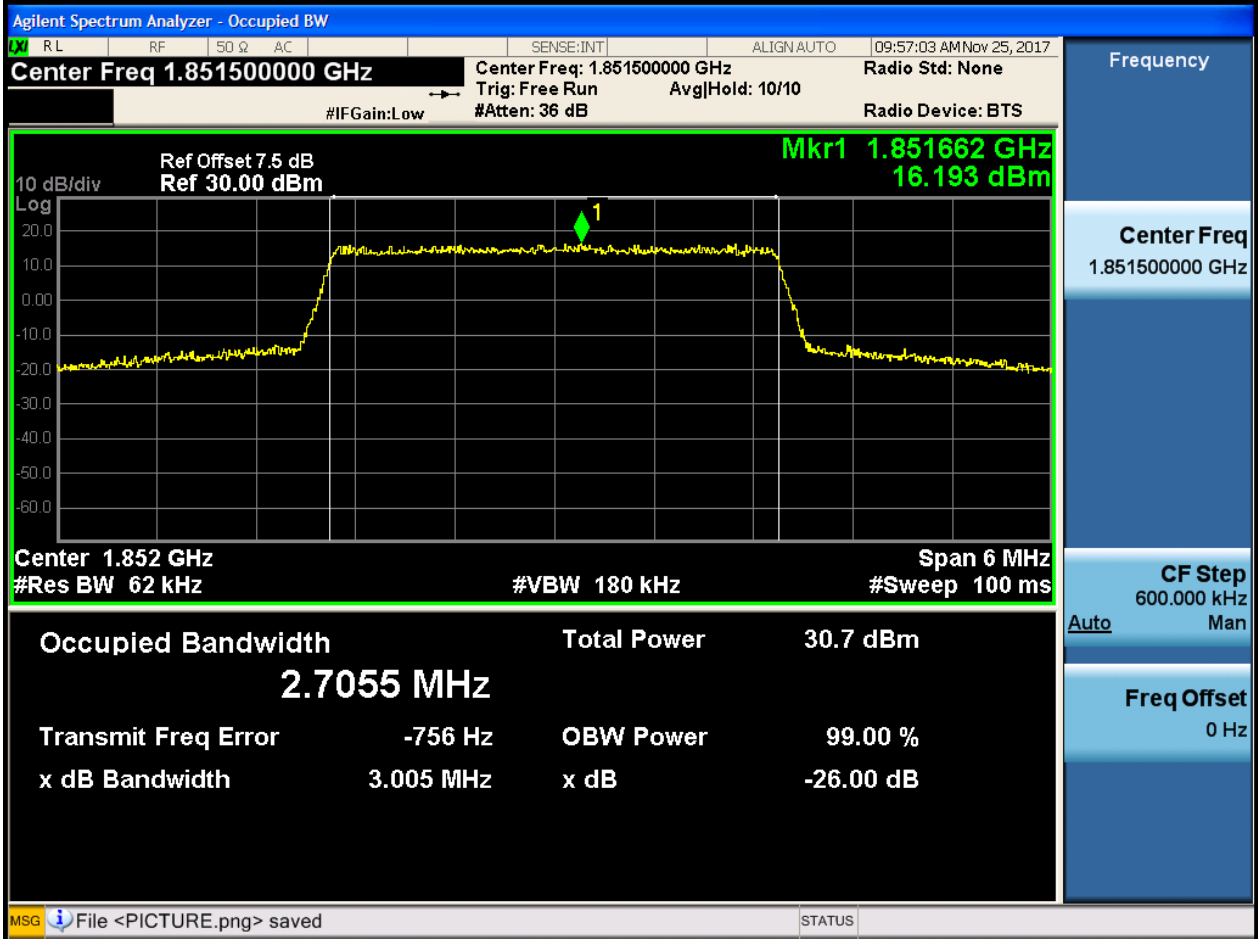




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

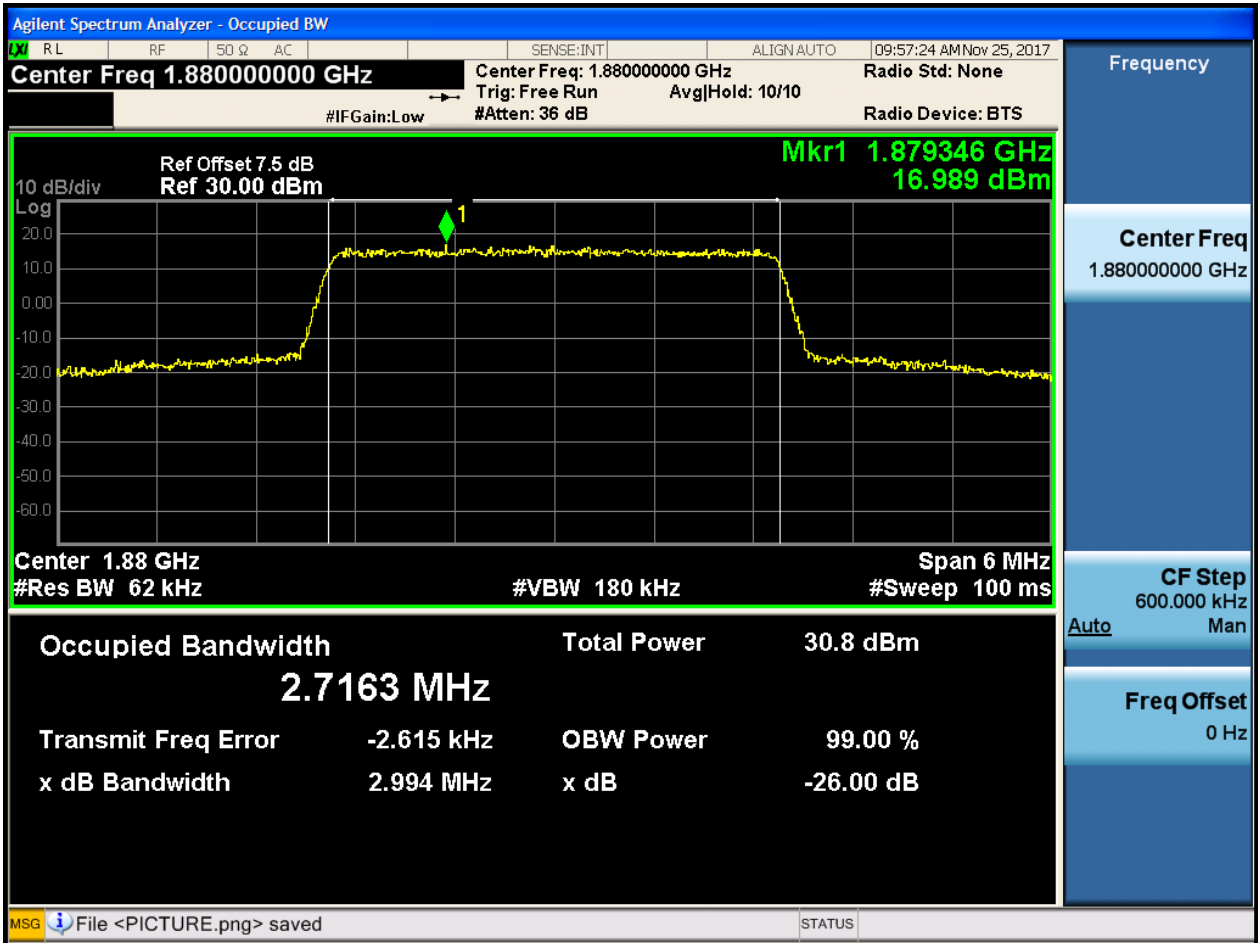
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

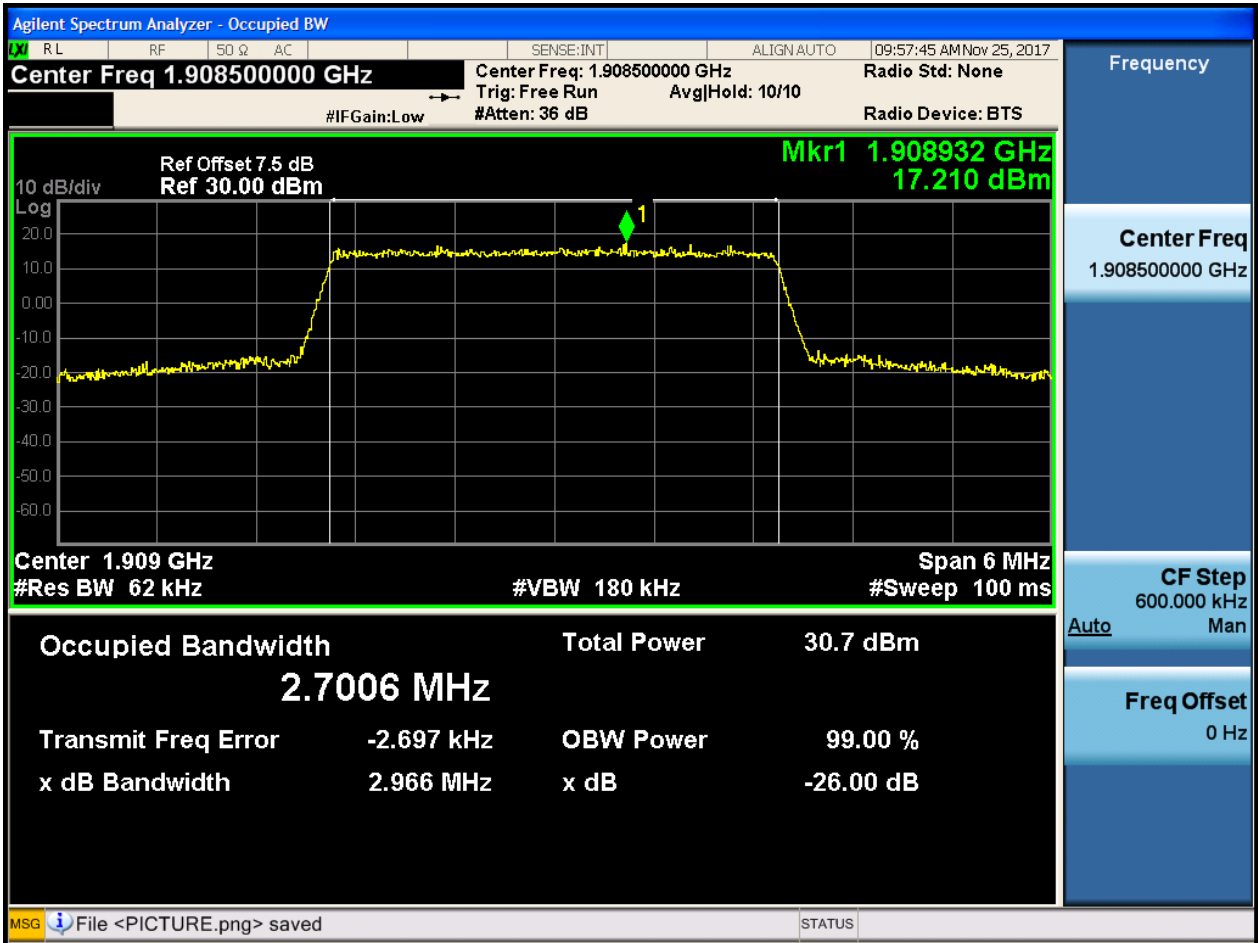
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

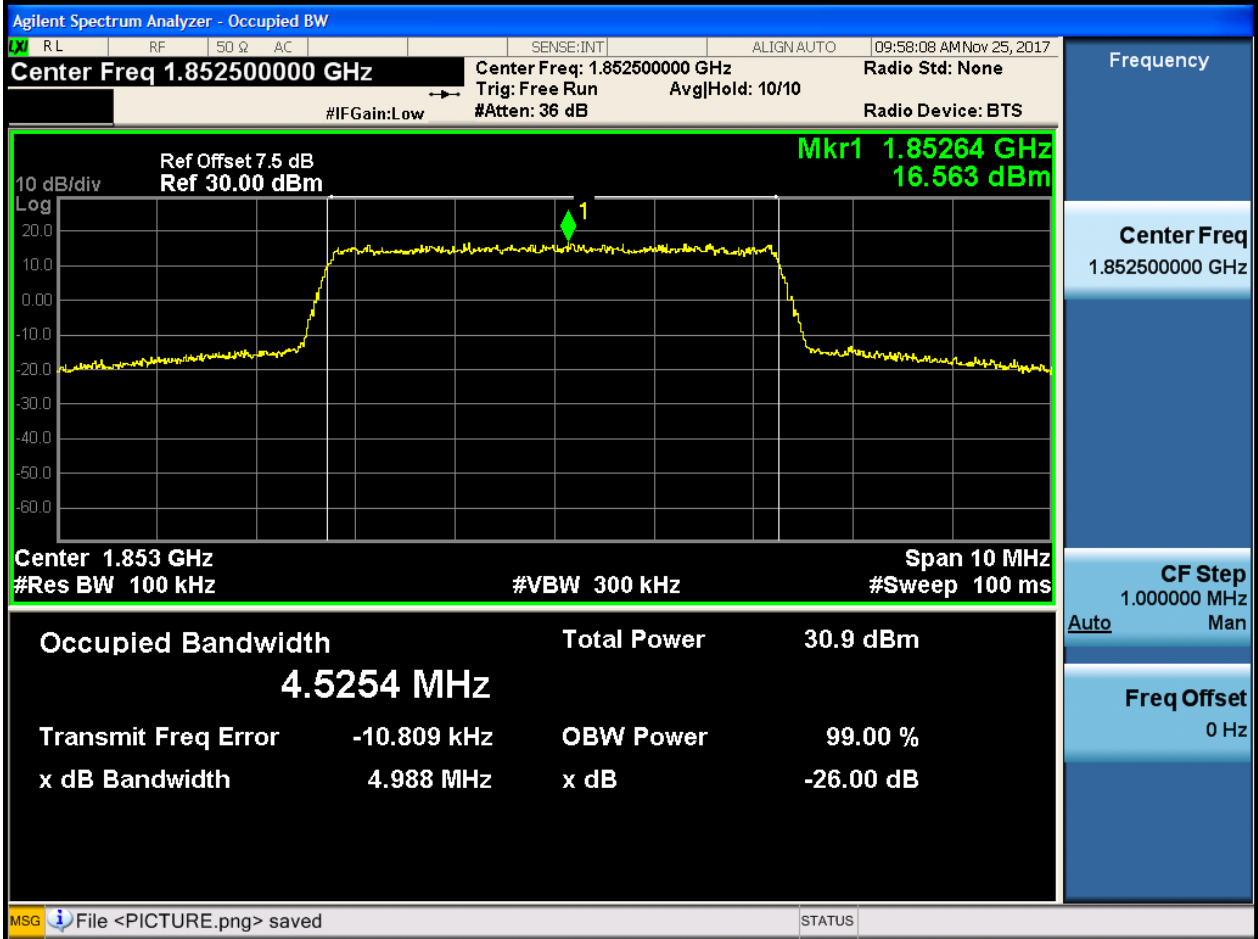




4.1.1.1.3 Test Bandwidth = 5

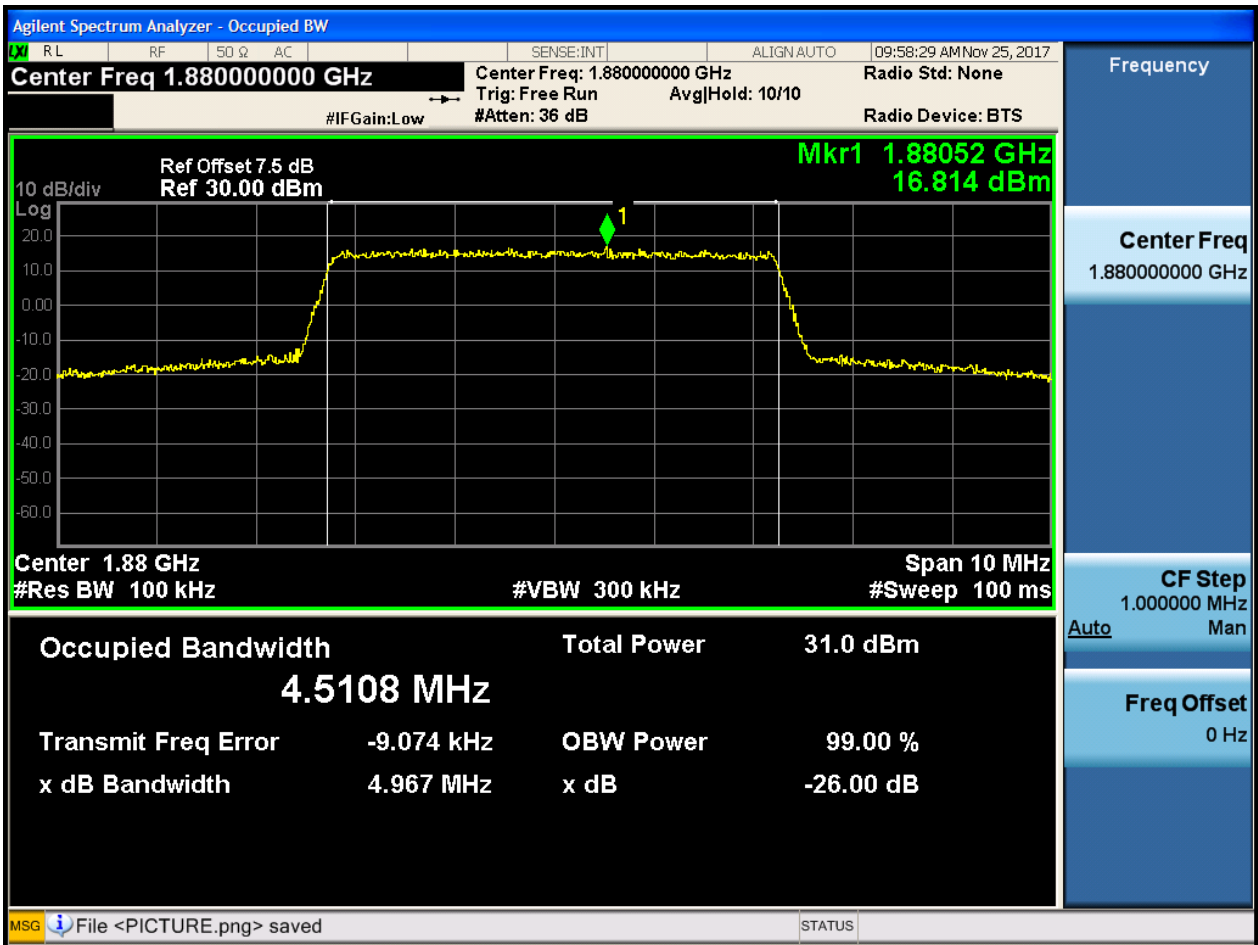
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

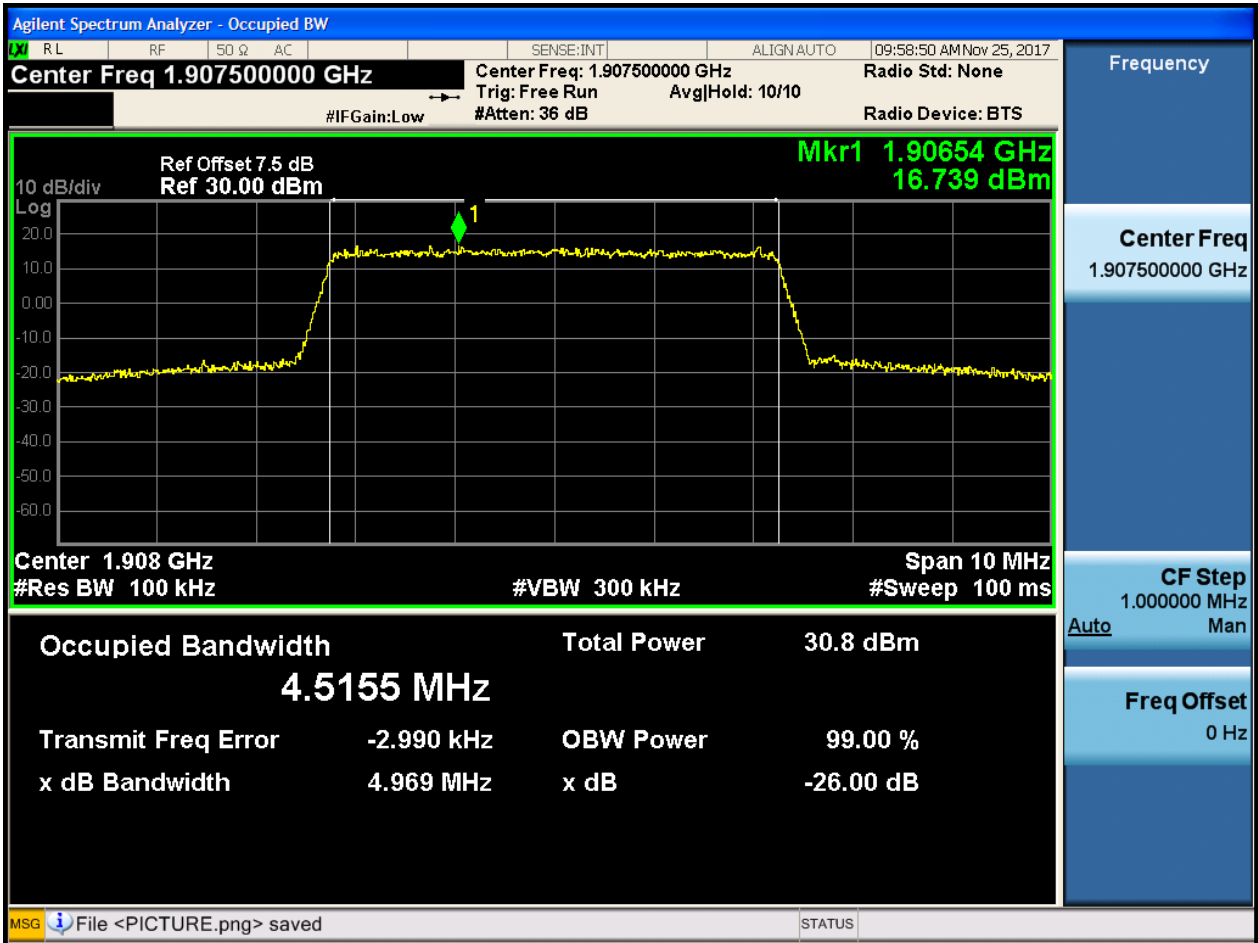
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

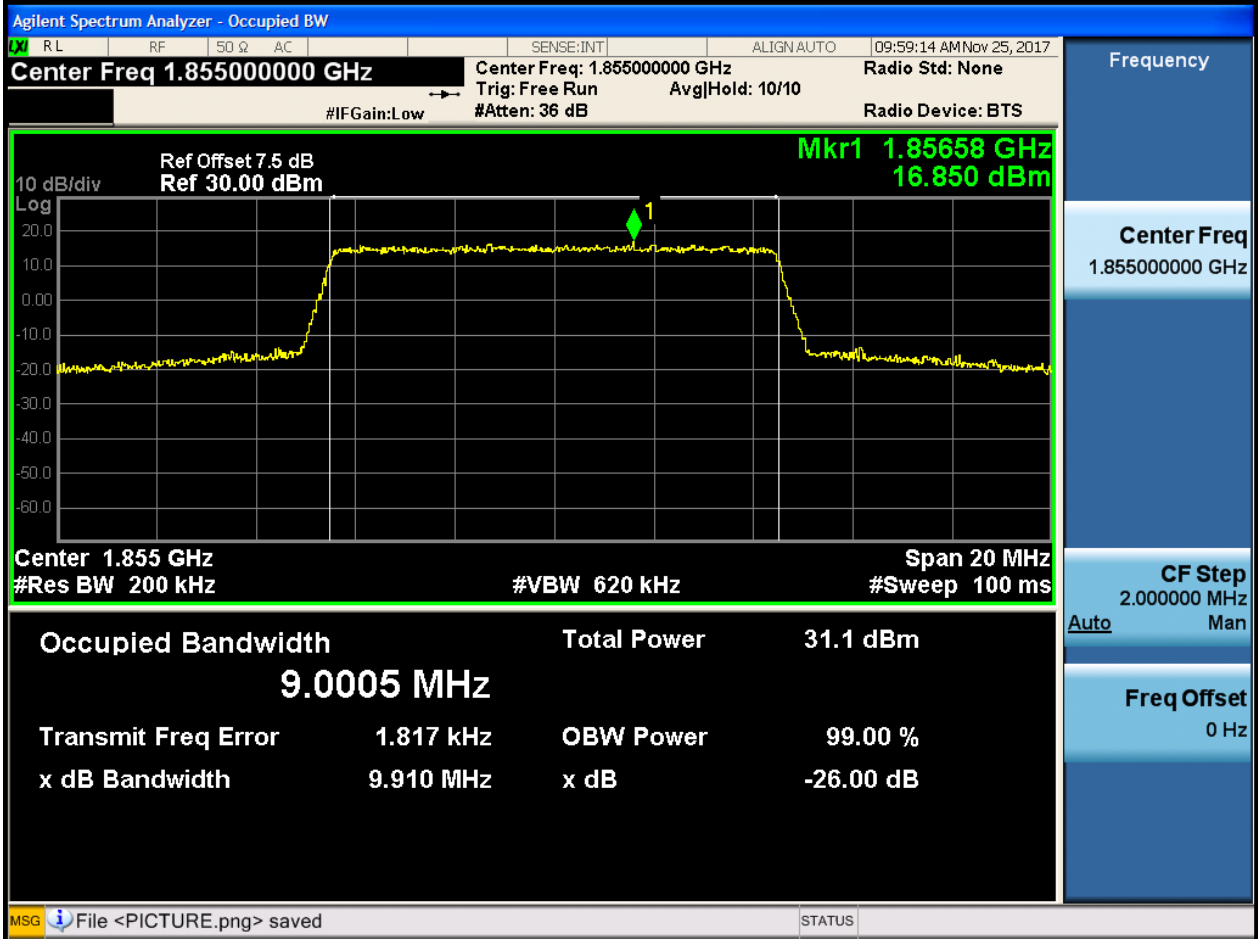




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0

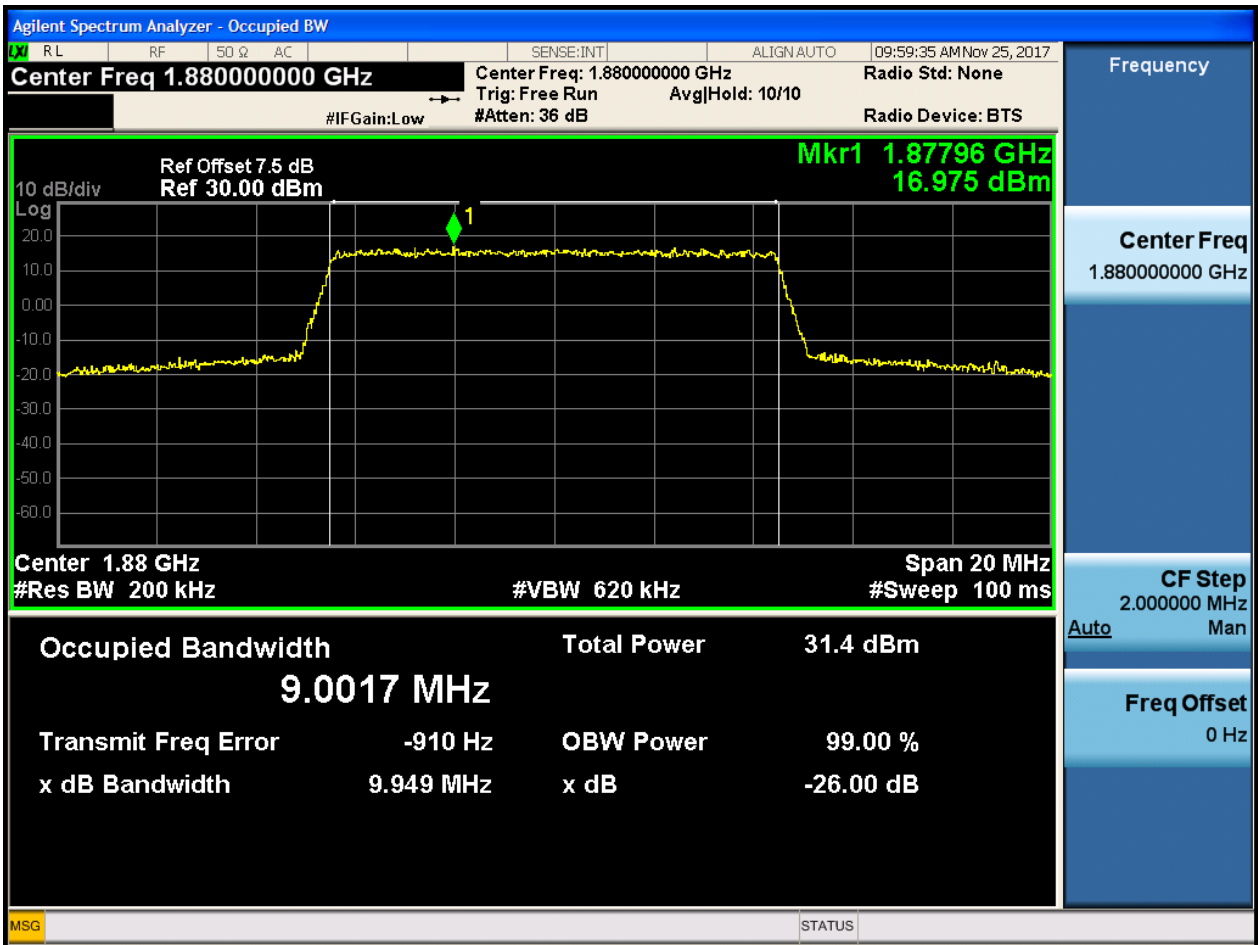






4.1.1.1.4.2 Test Channel = MCH

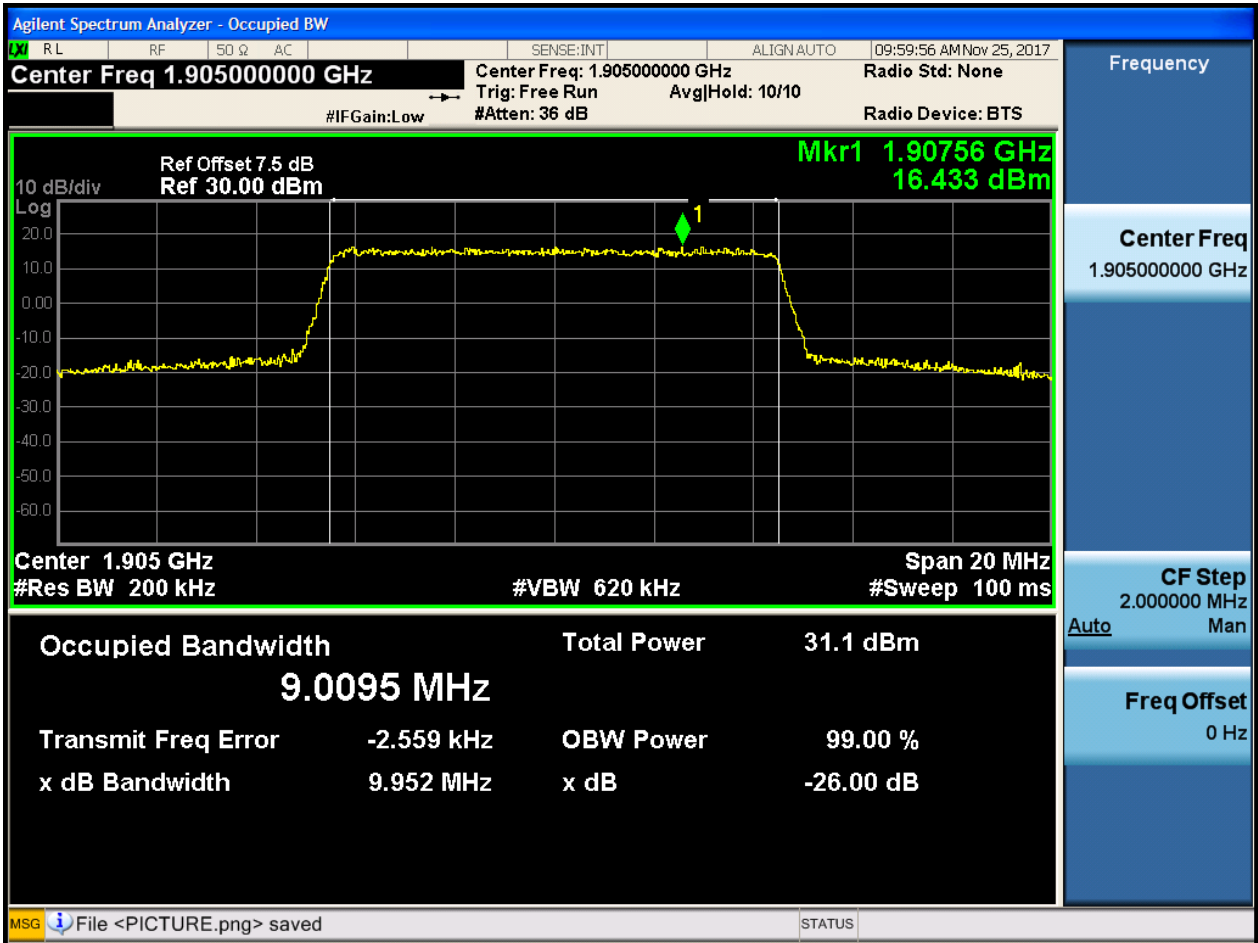
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

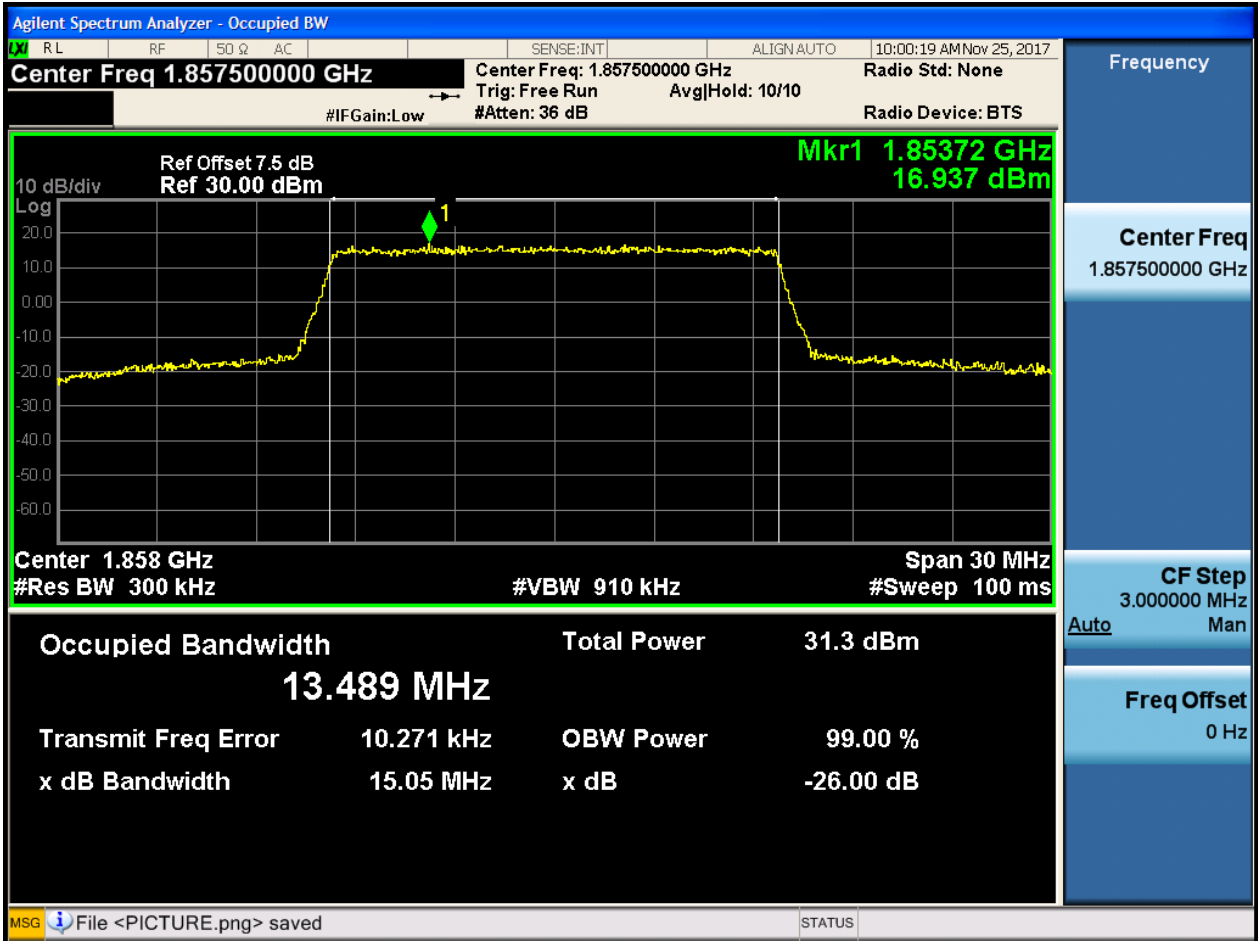




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

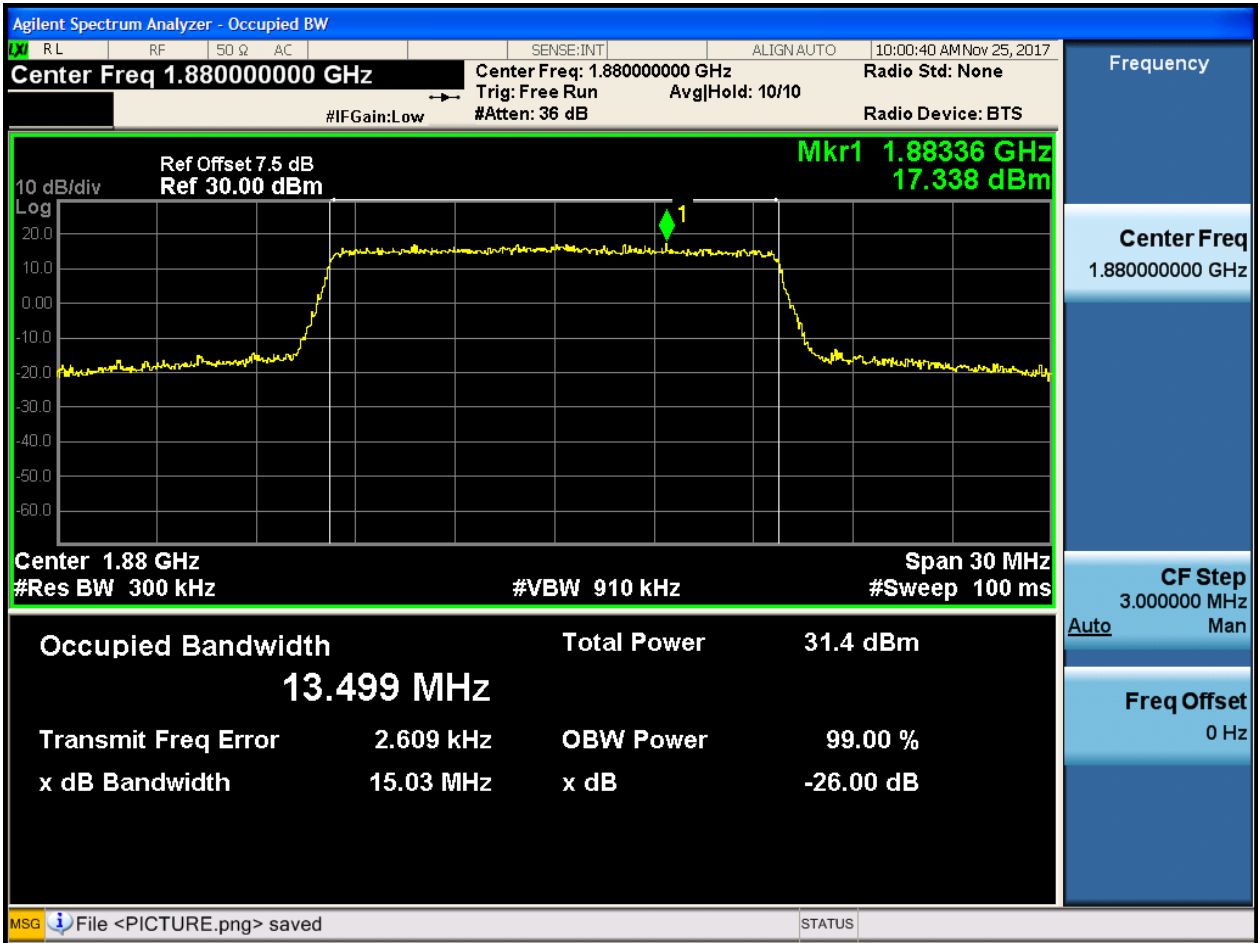
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

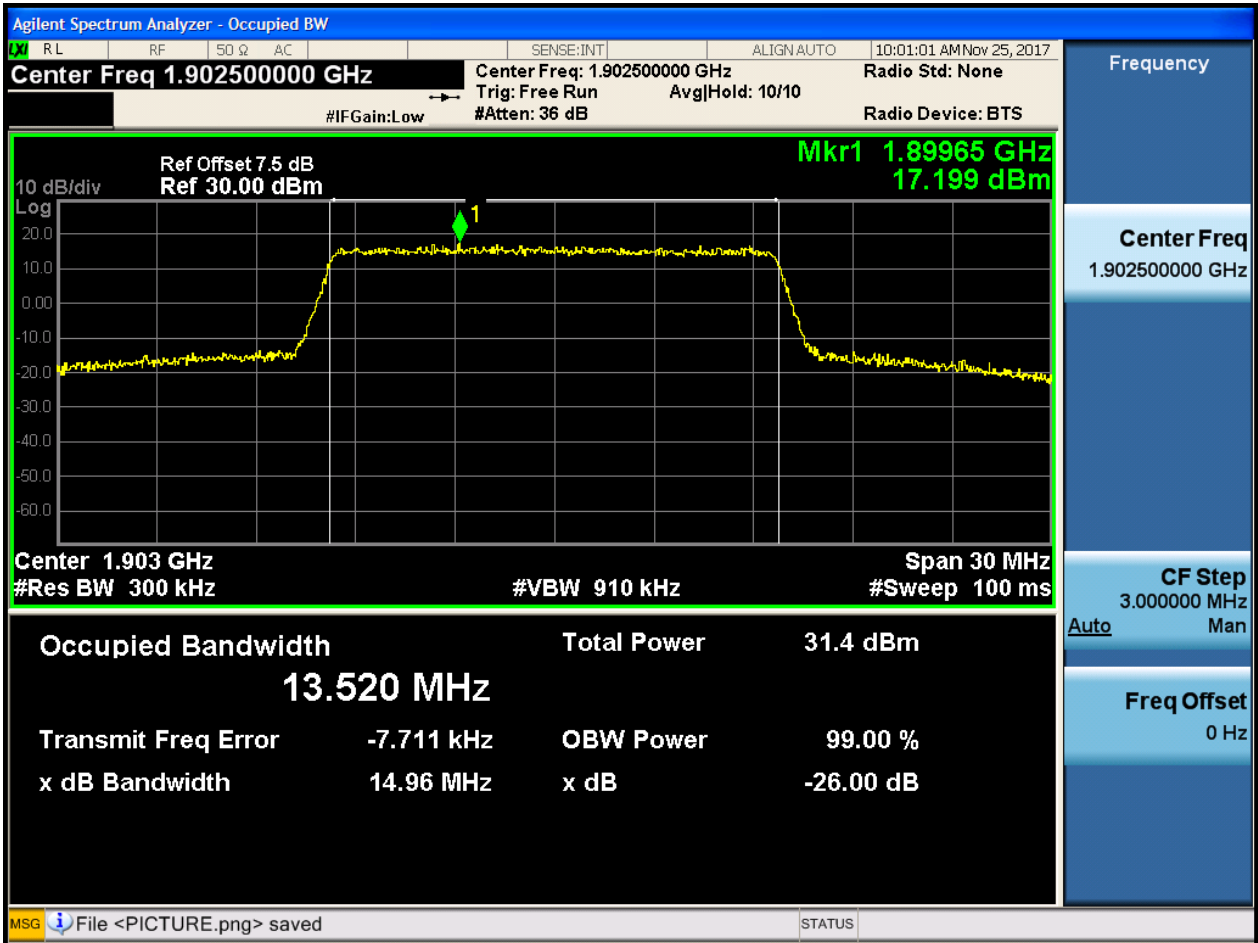
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

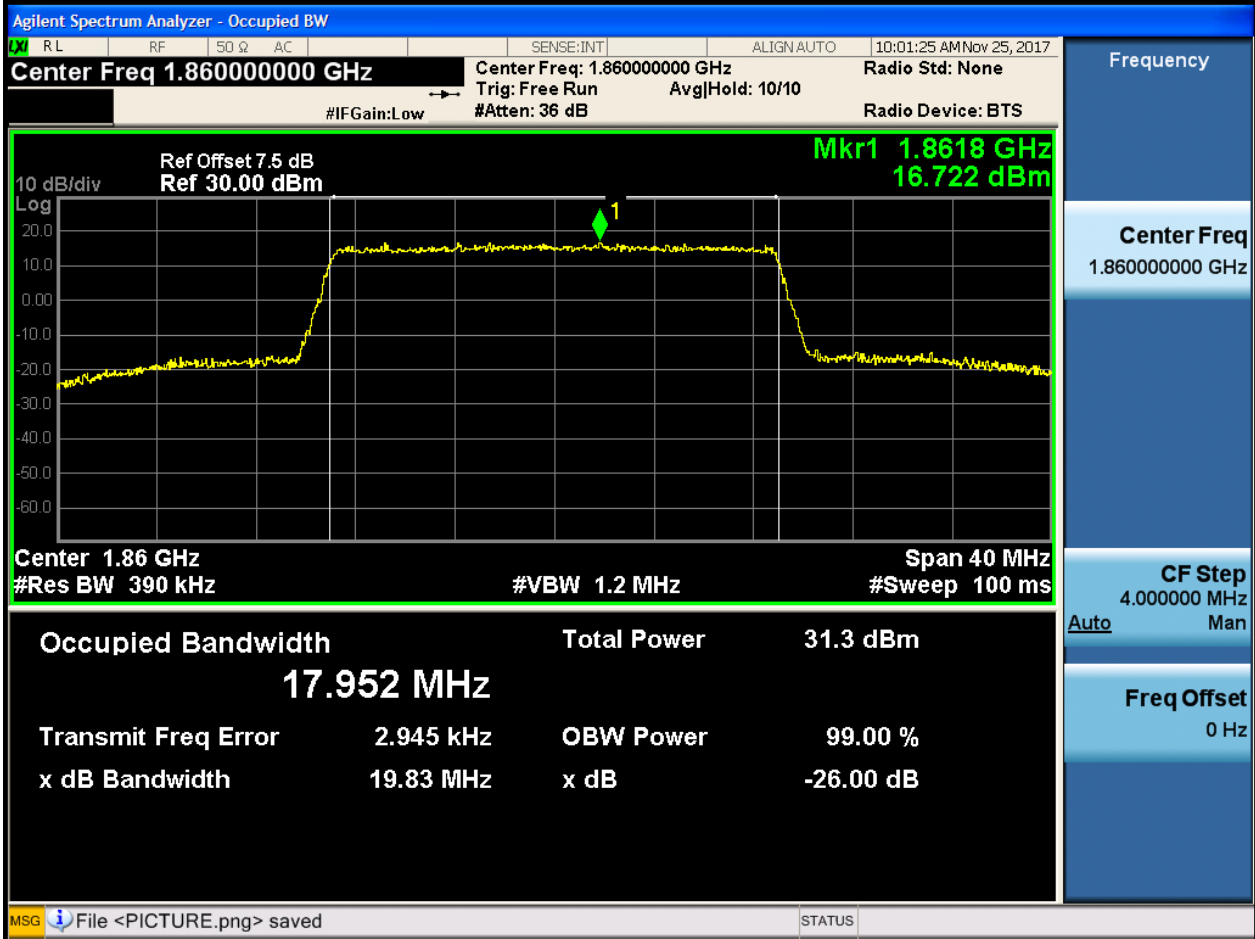




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

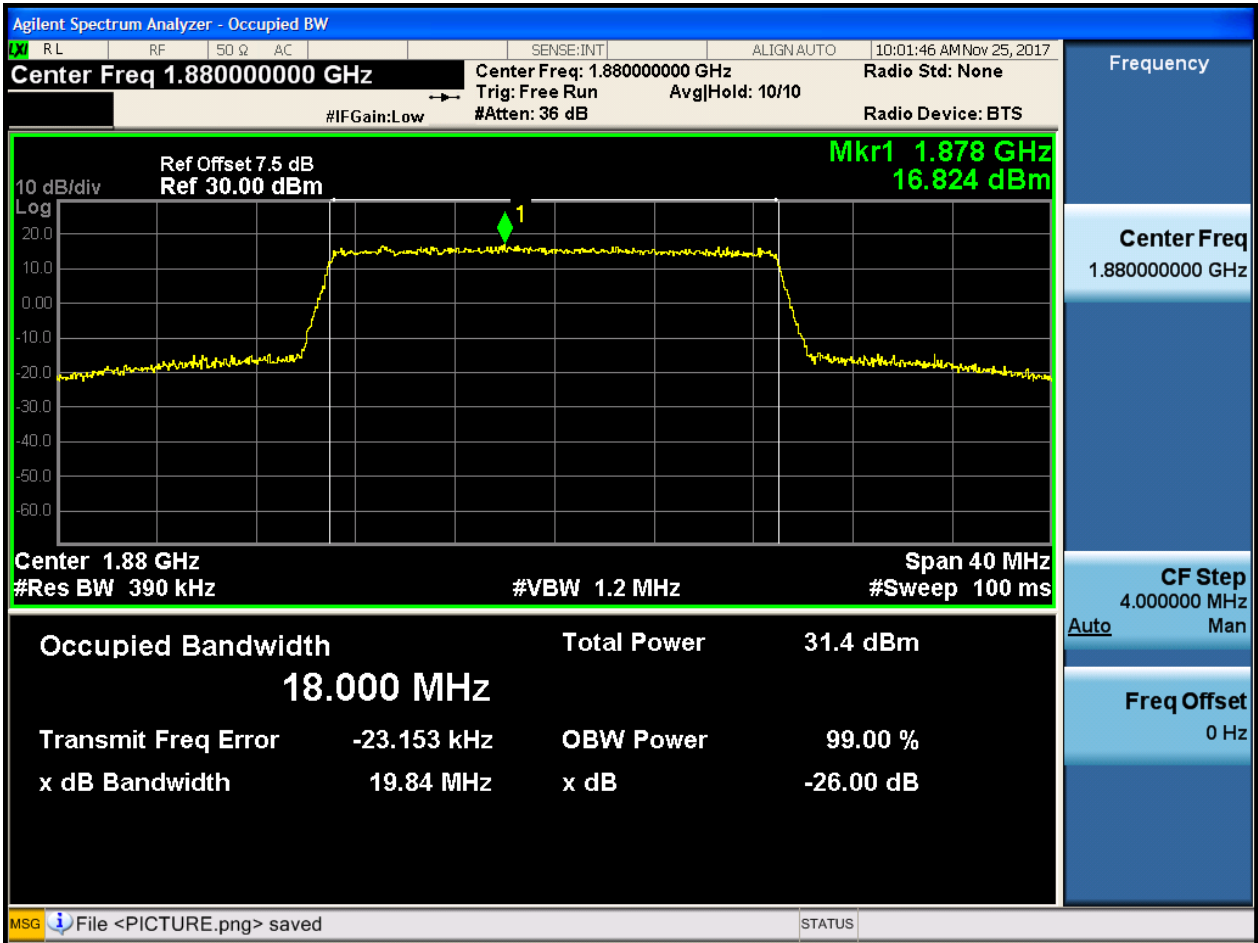
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

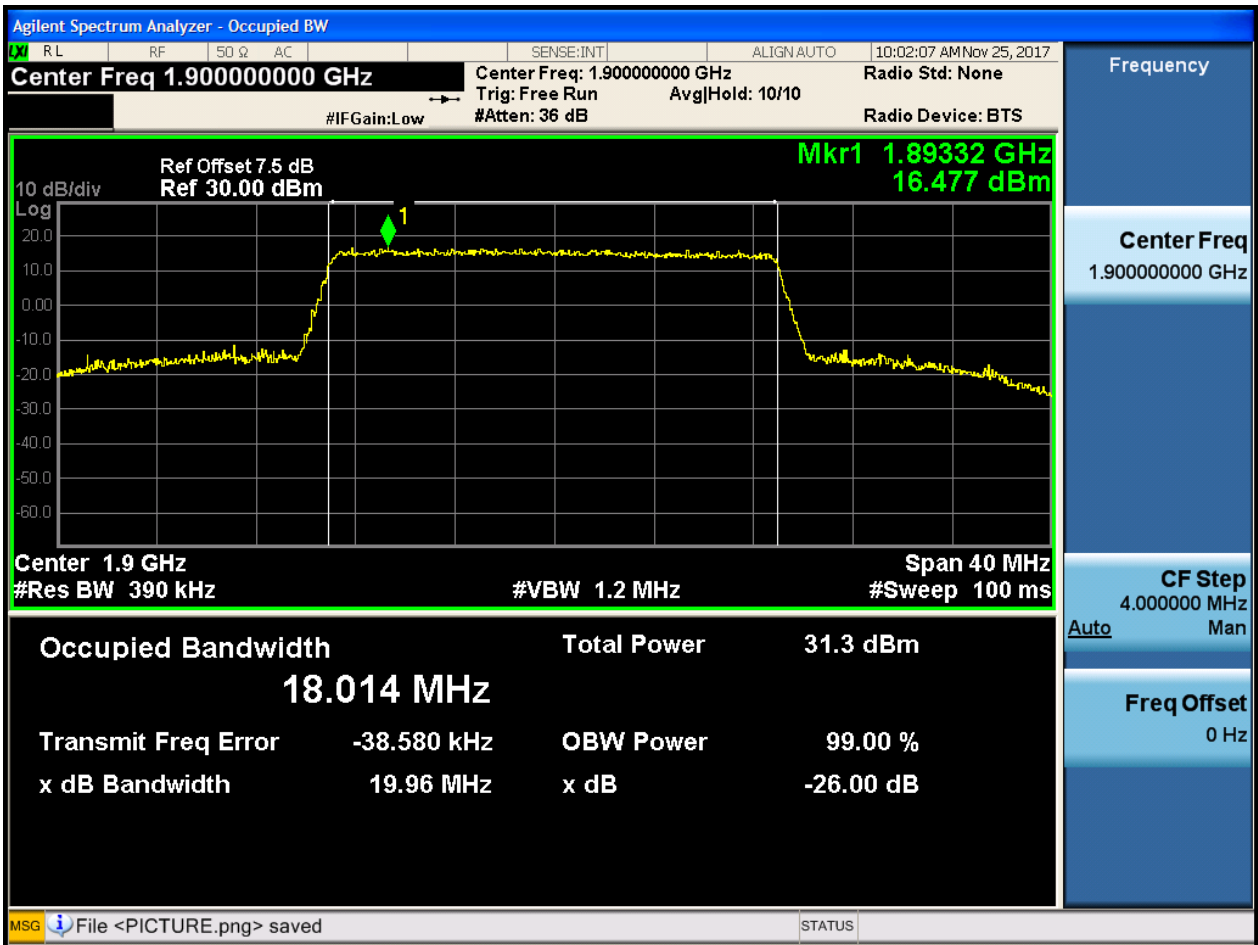
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0





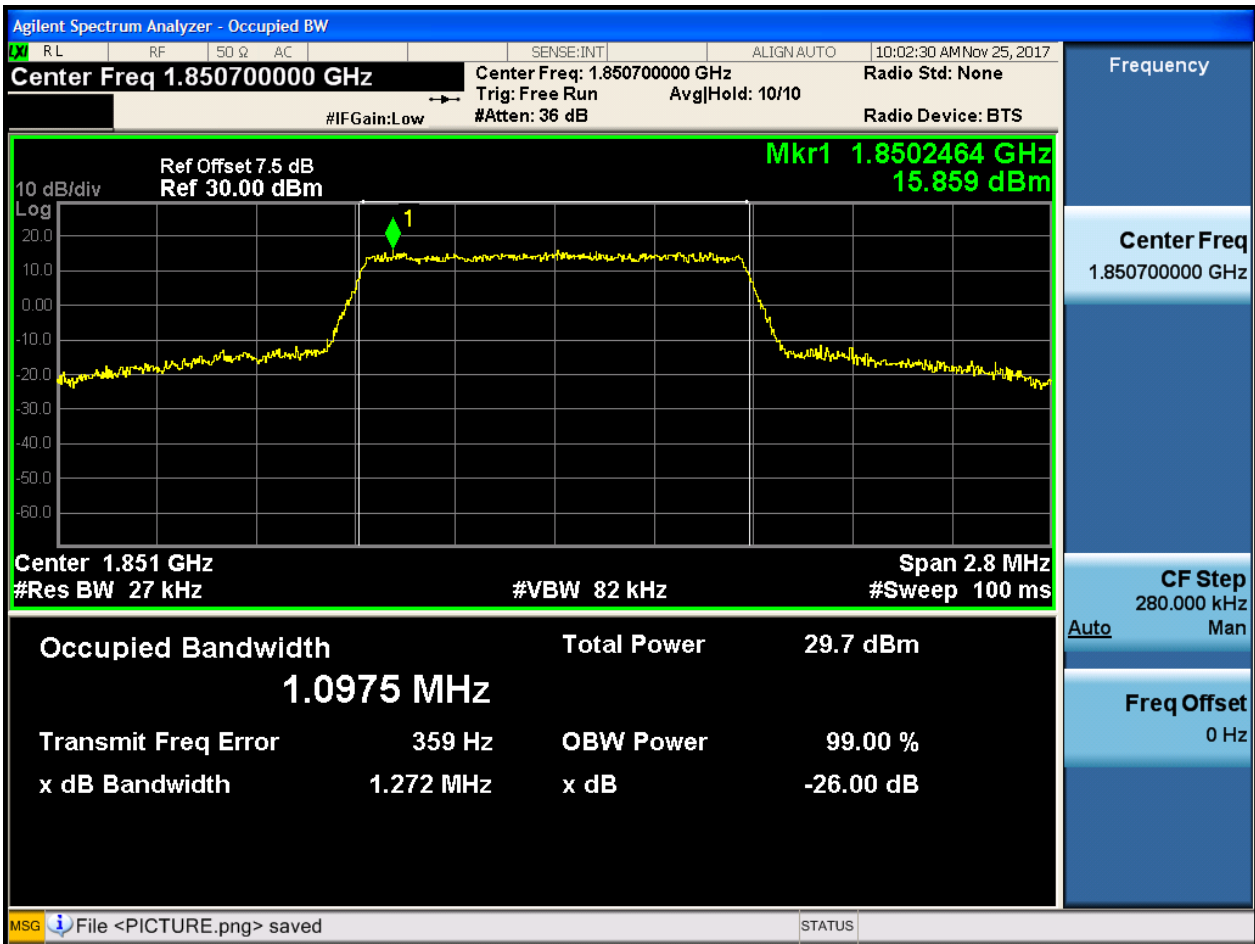


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

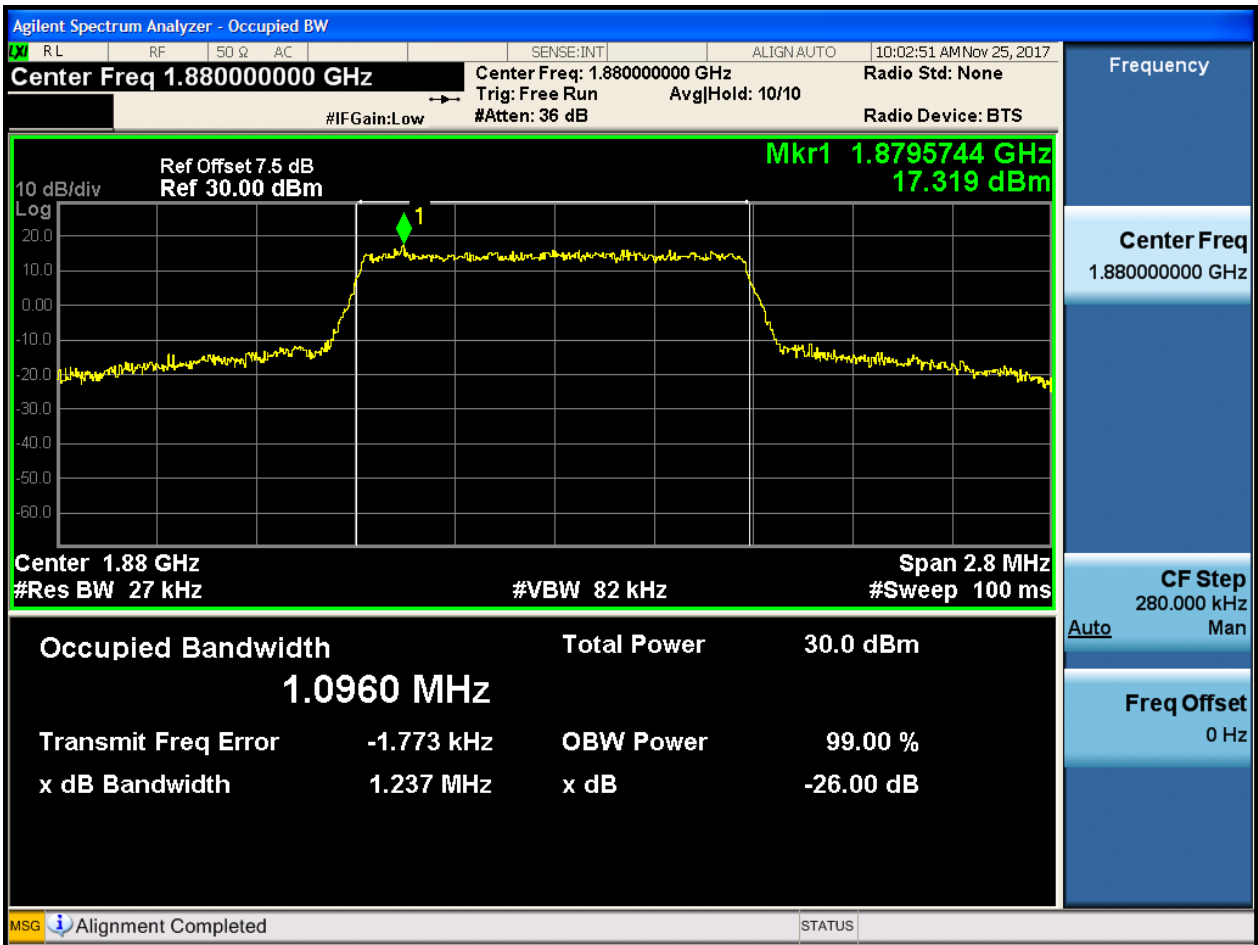
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

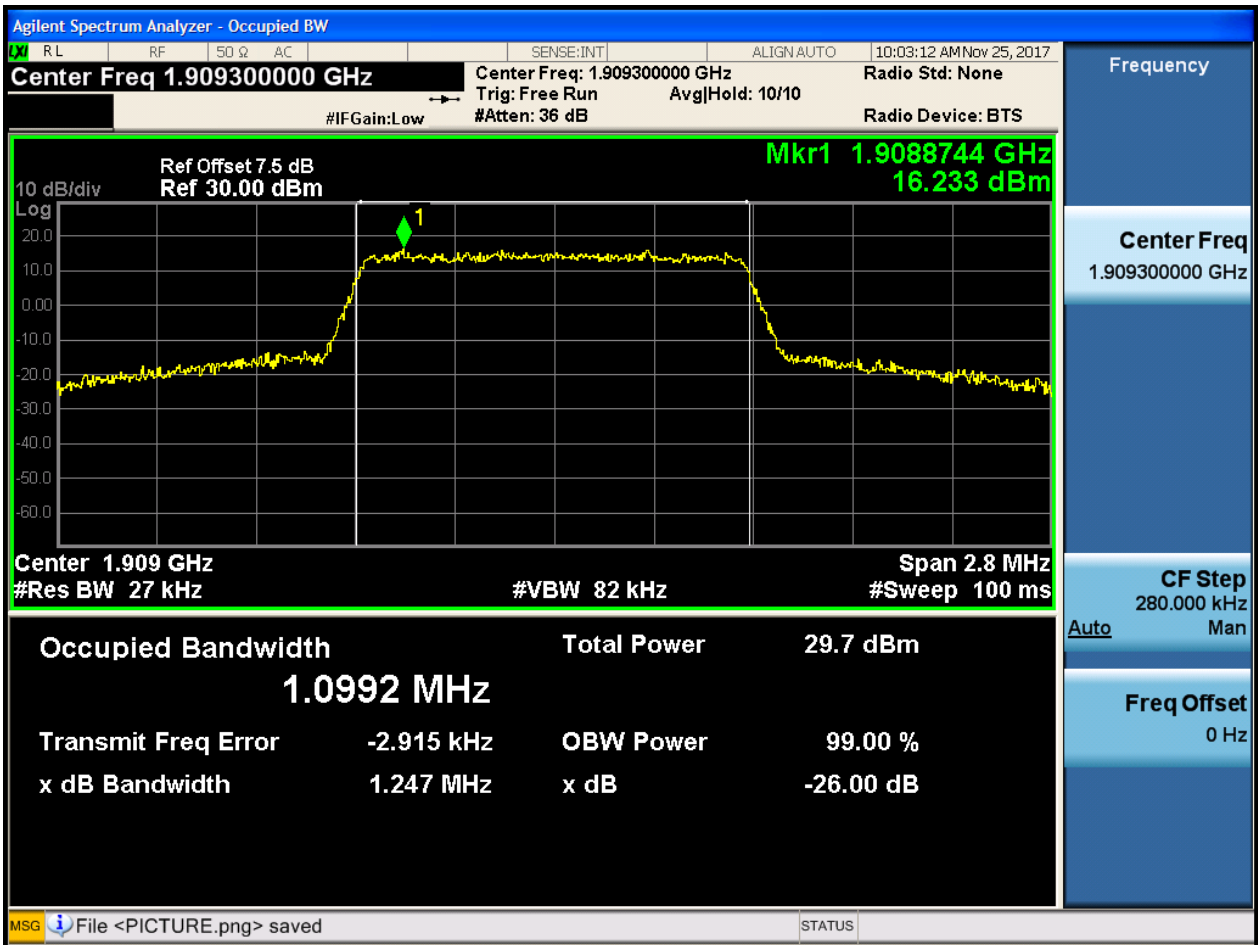
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

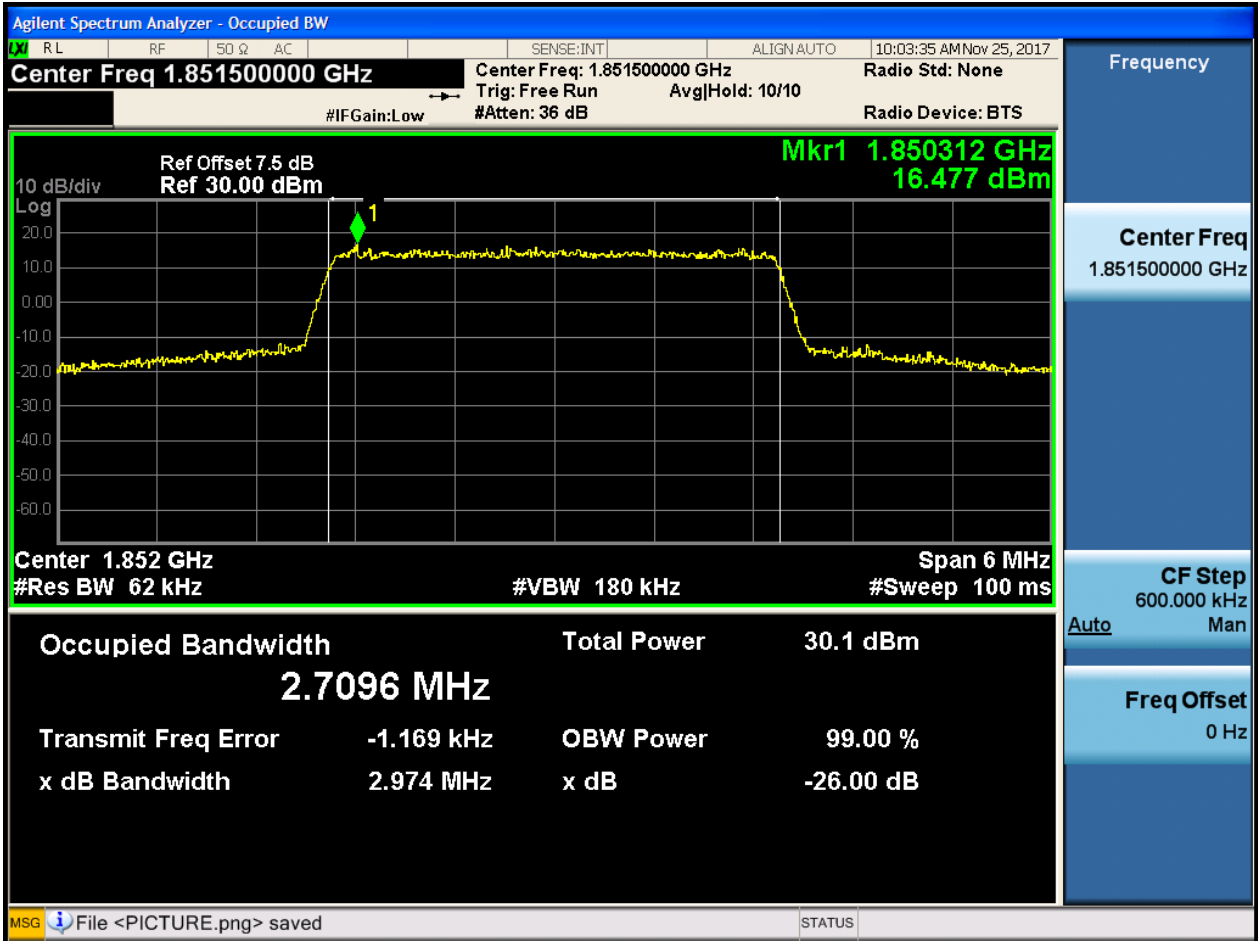




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

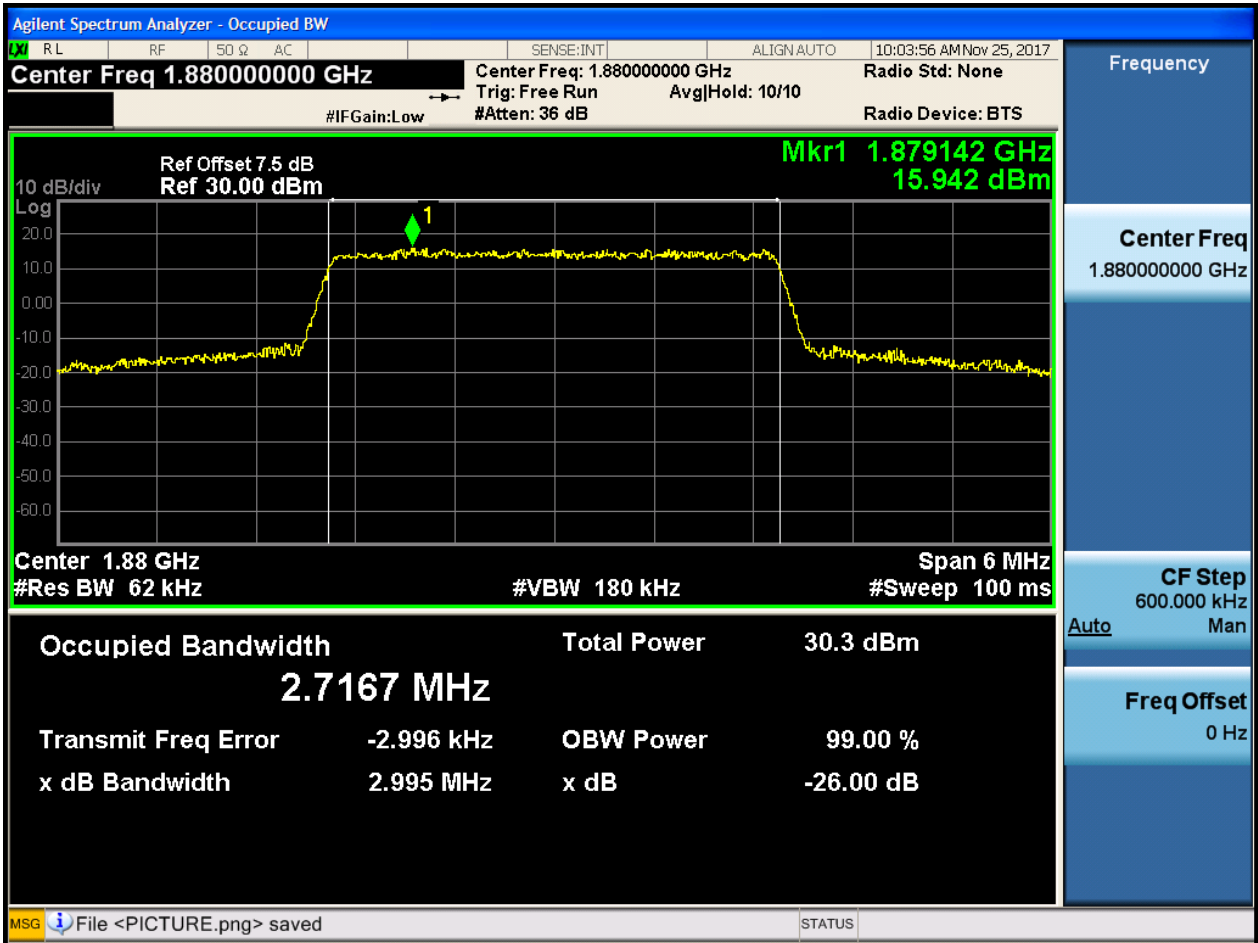
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

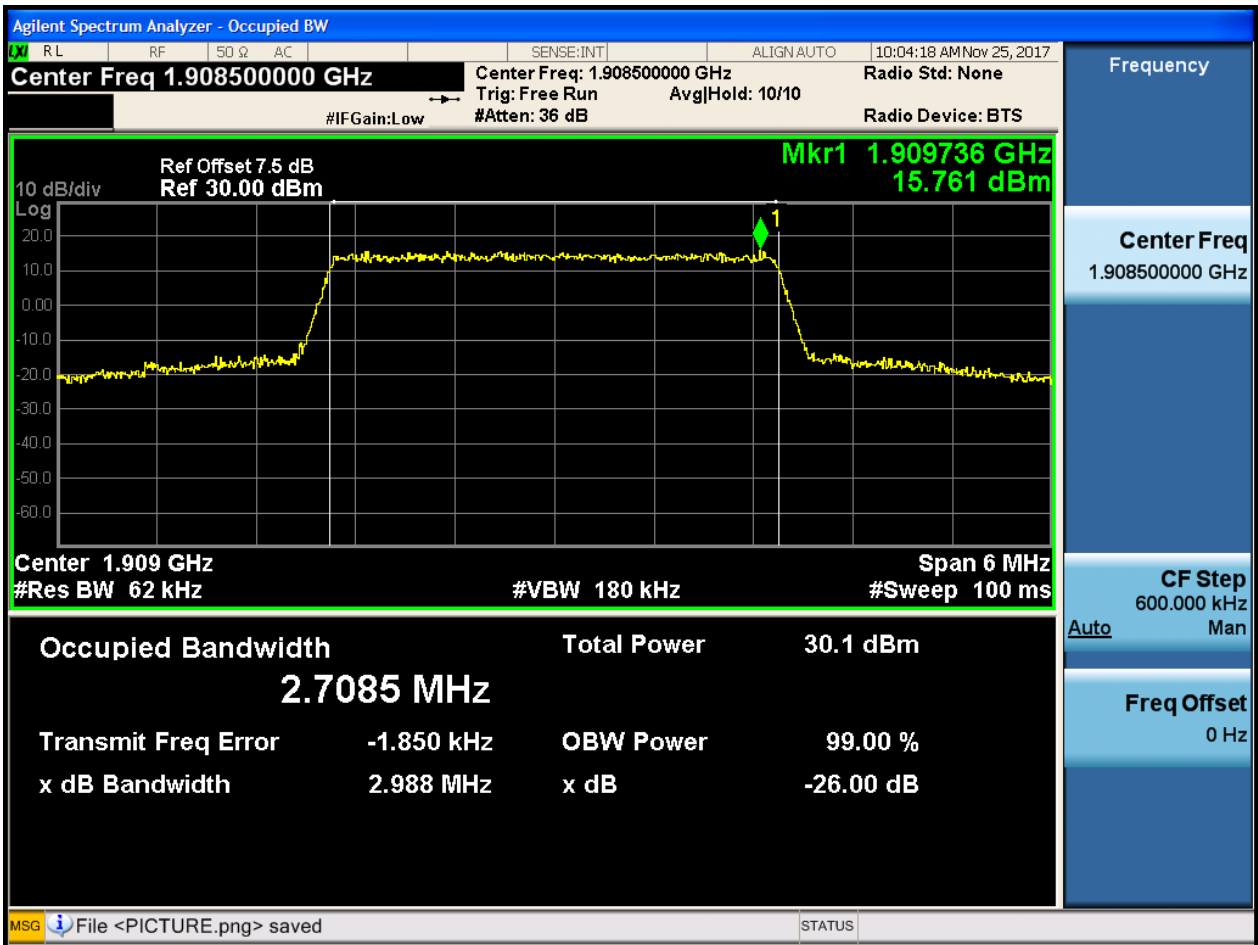
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

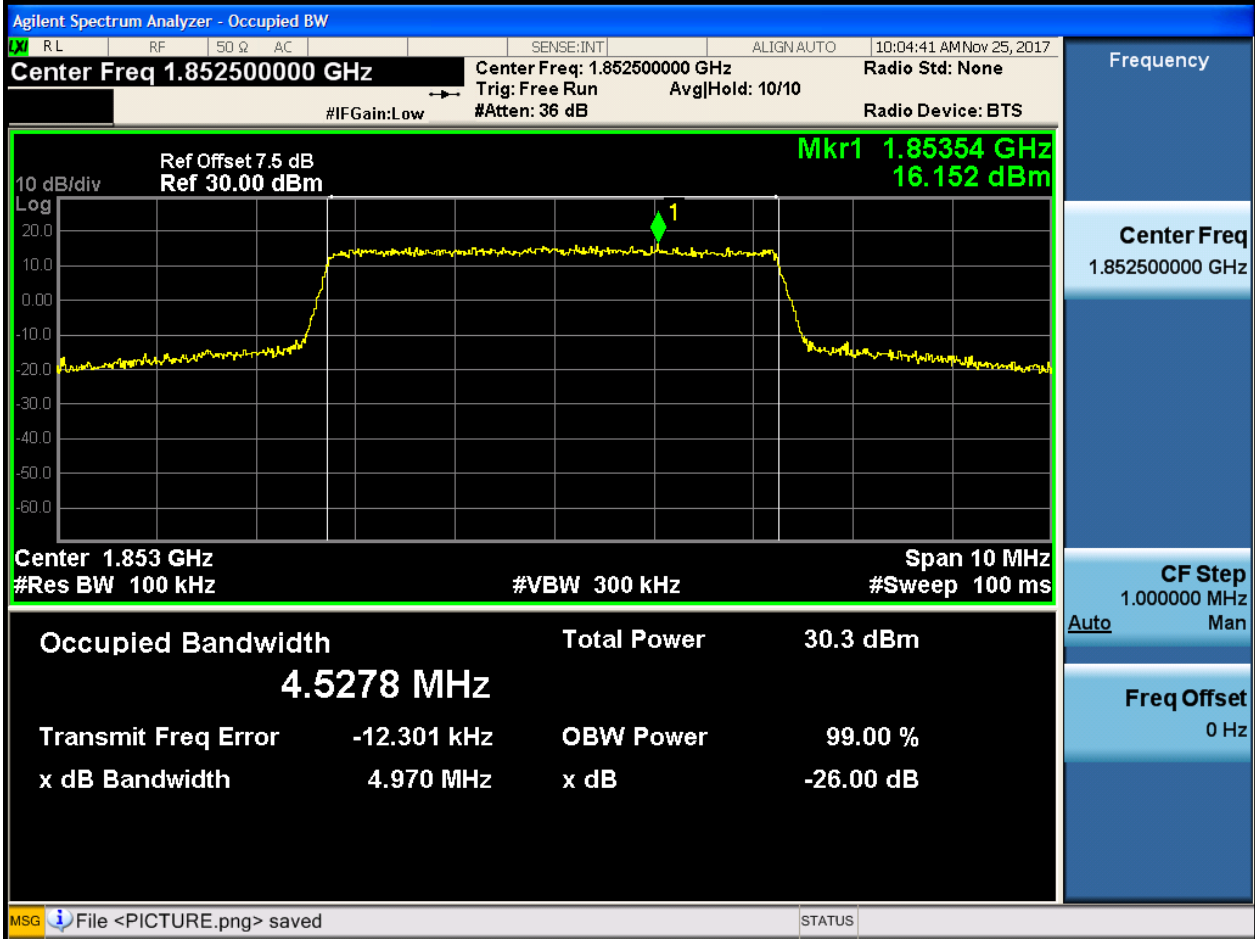




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

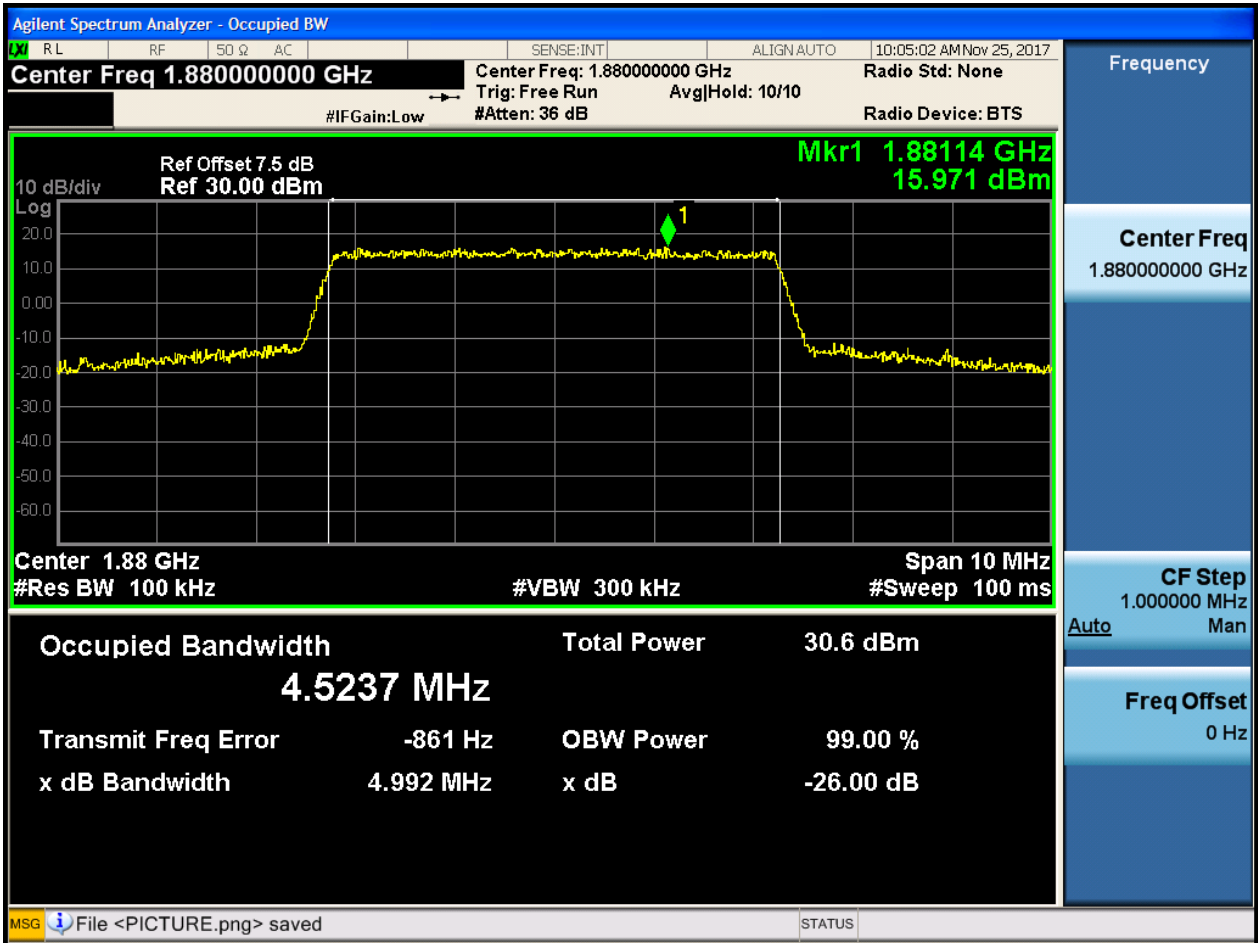
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0

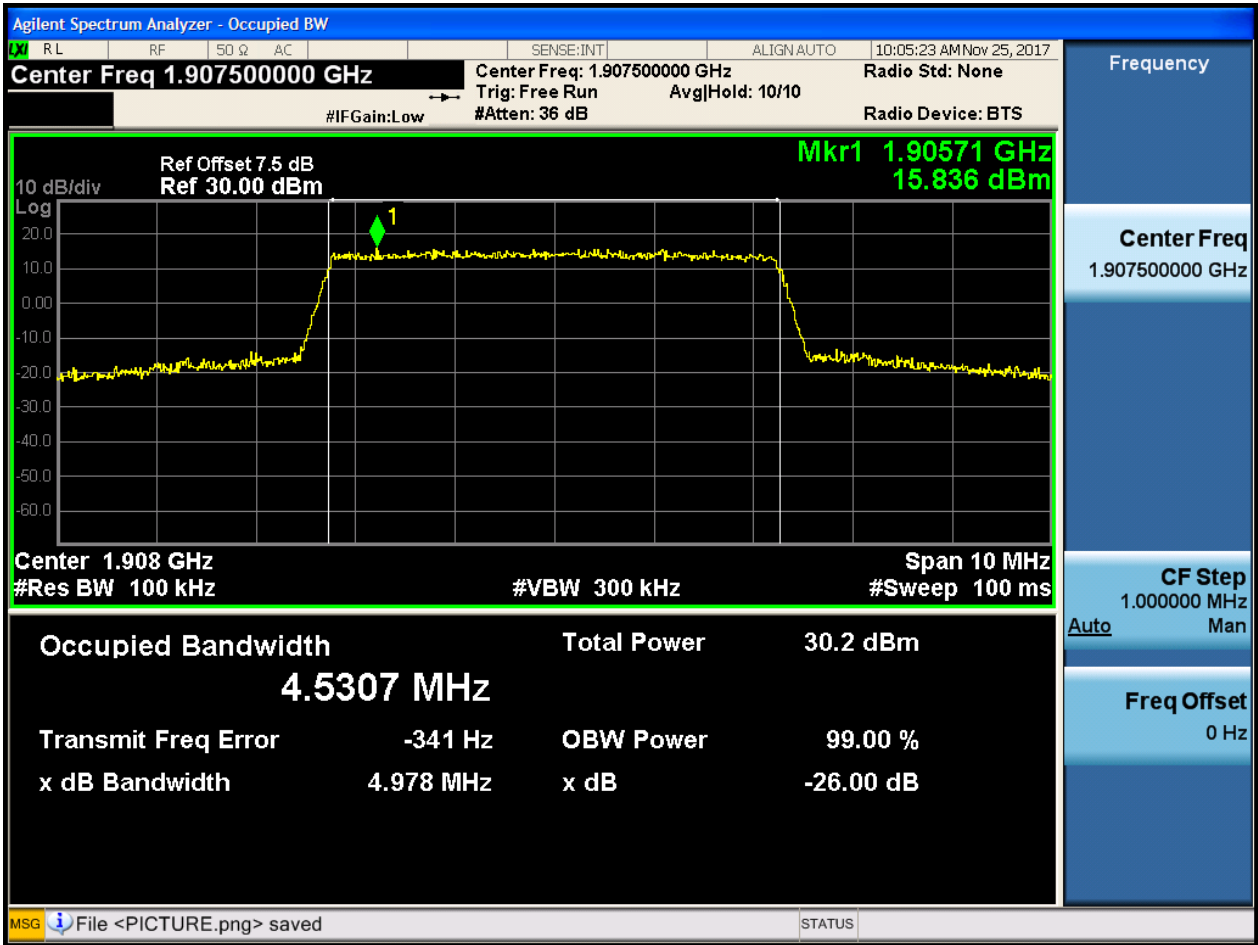






4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

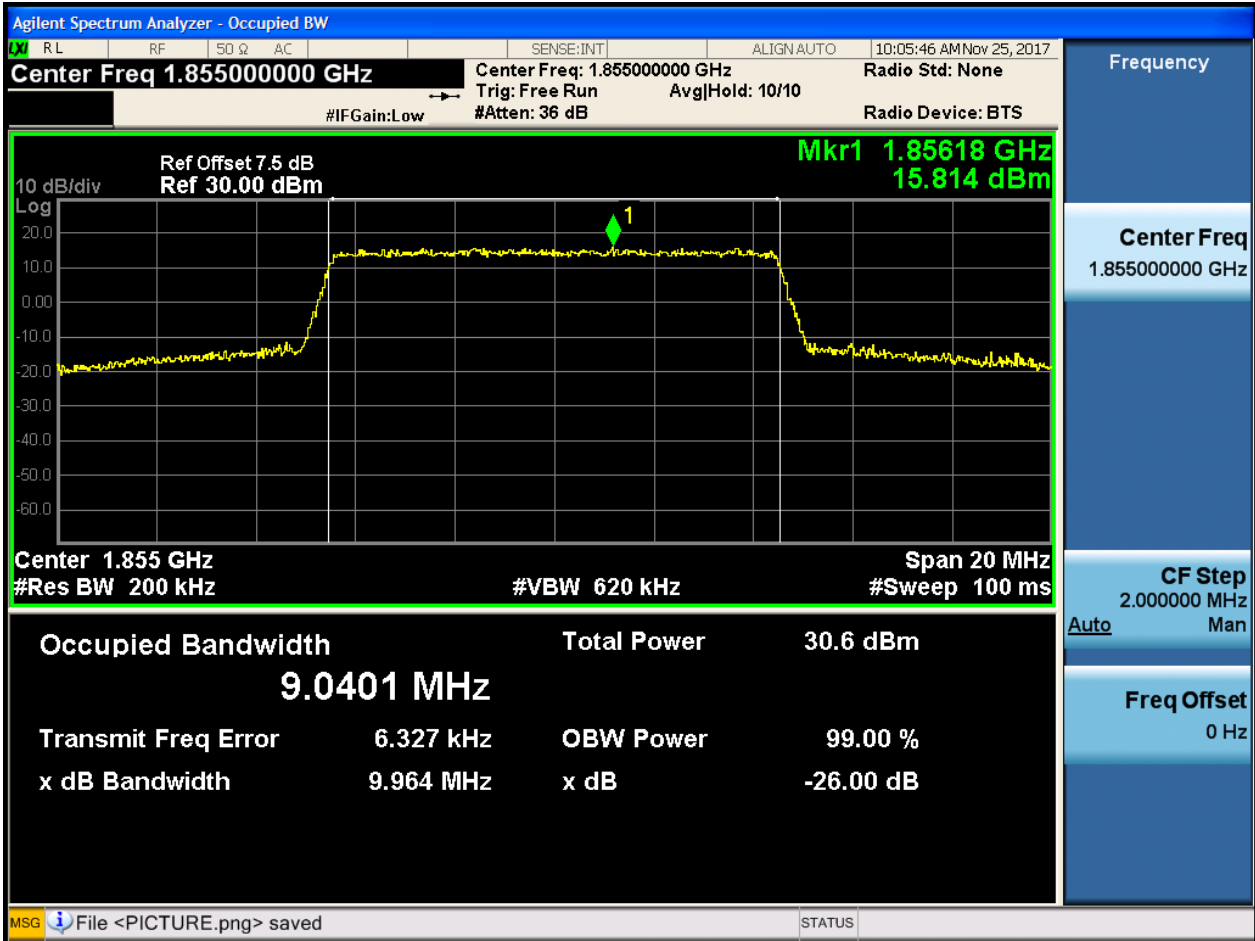




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

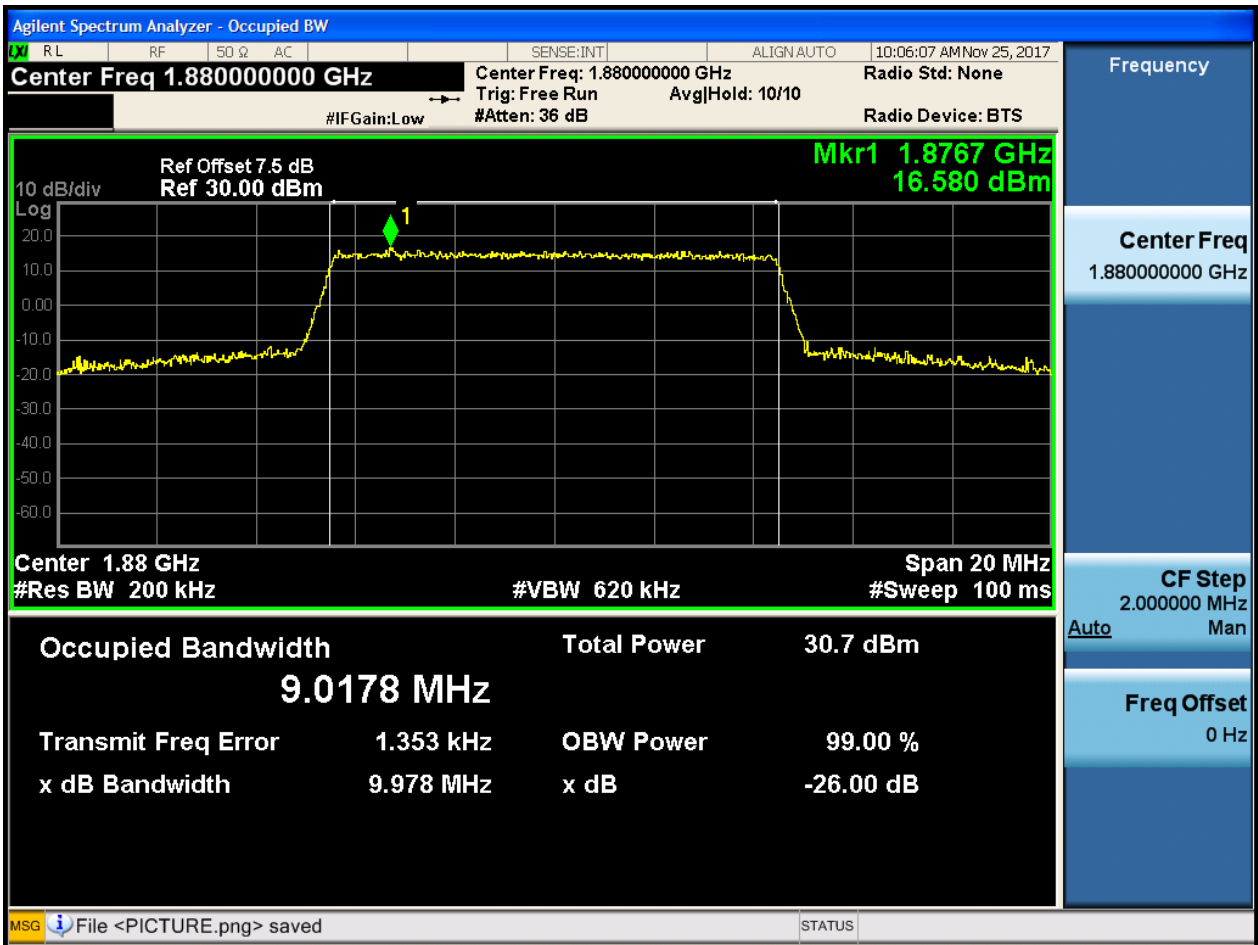
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

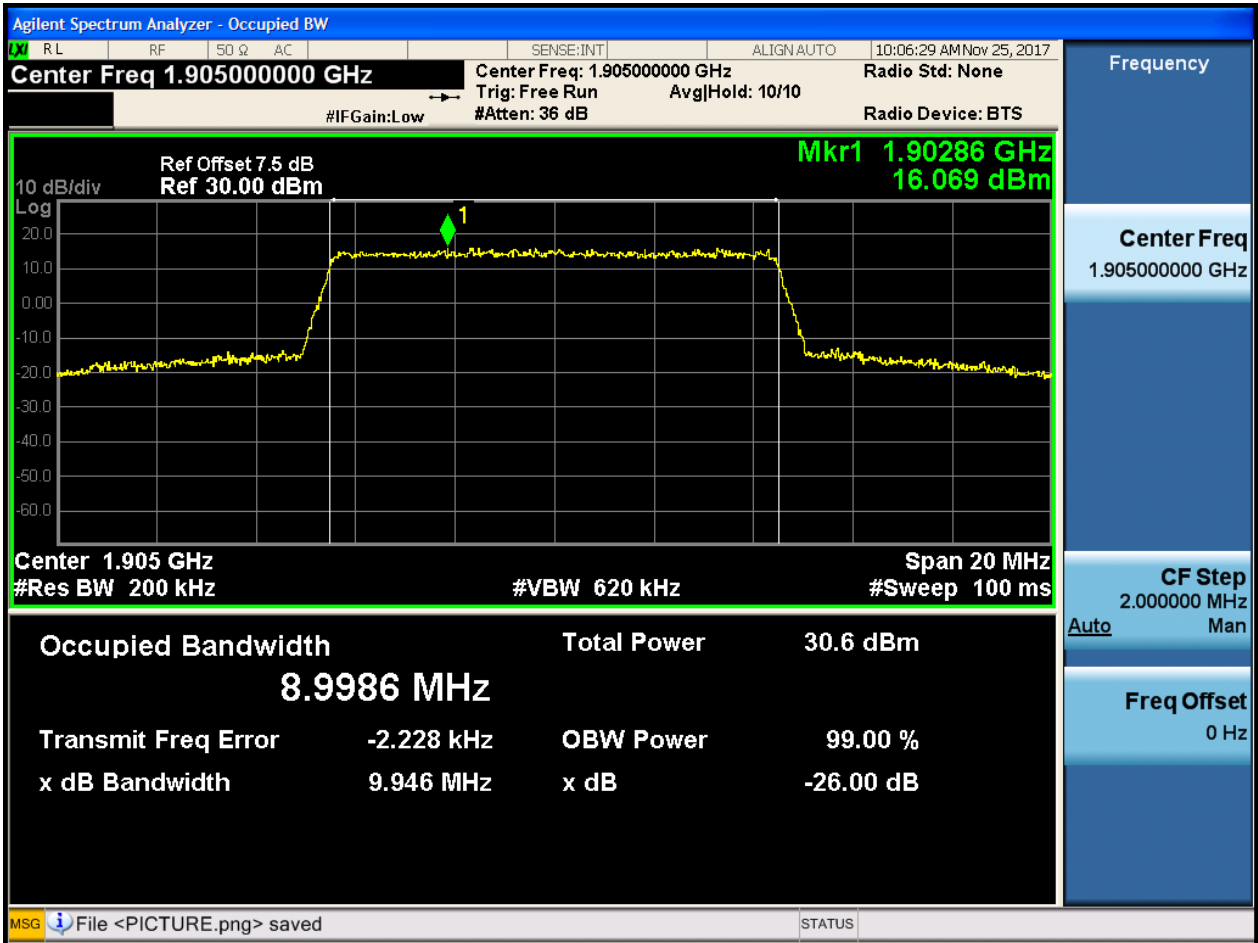
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

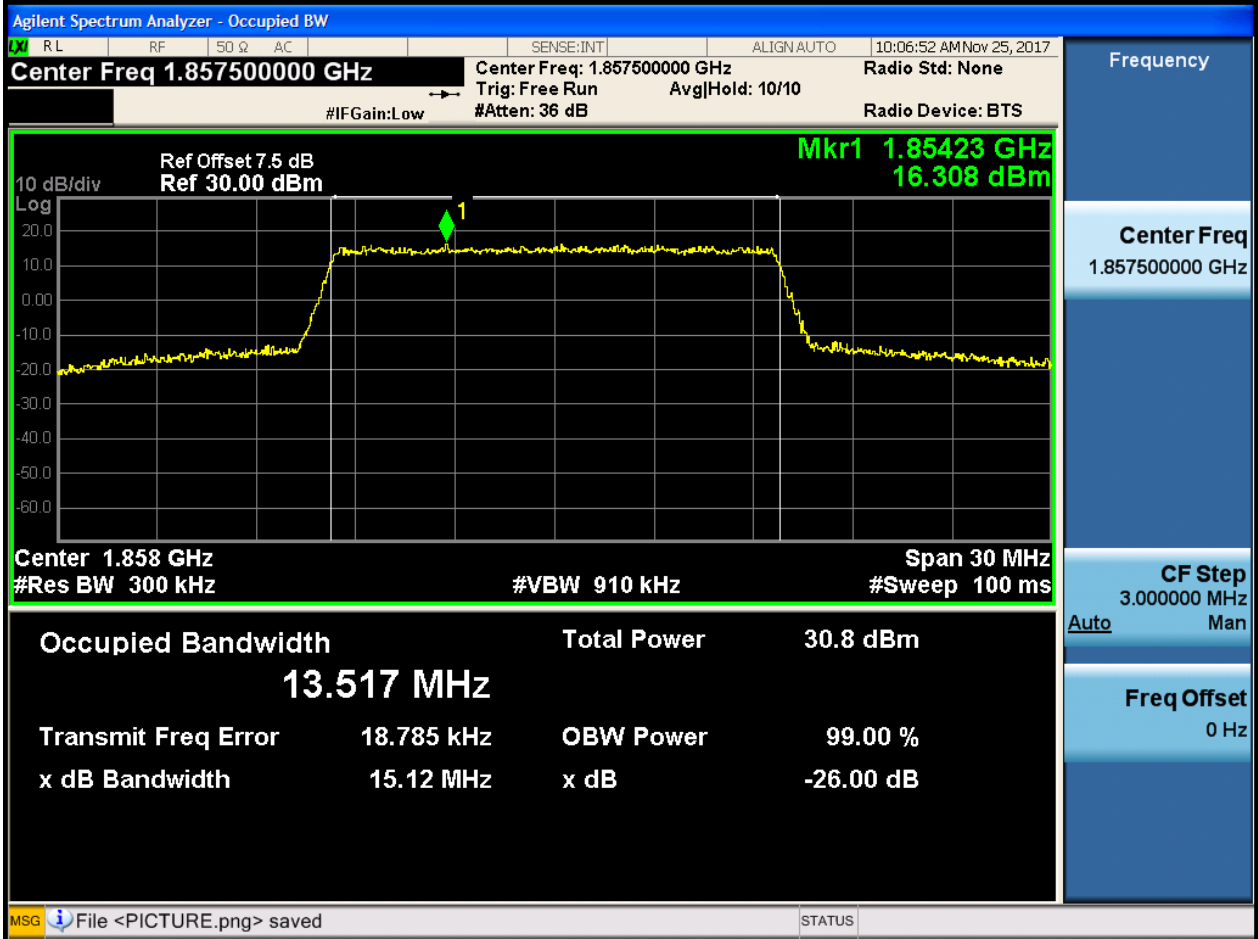




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

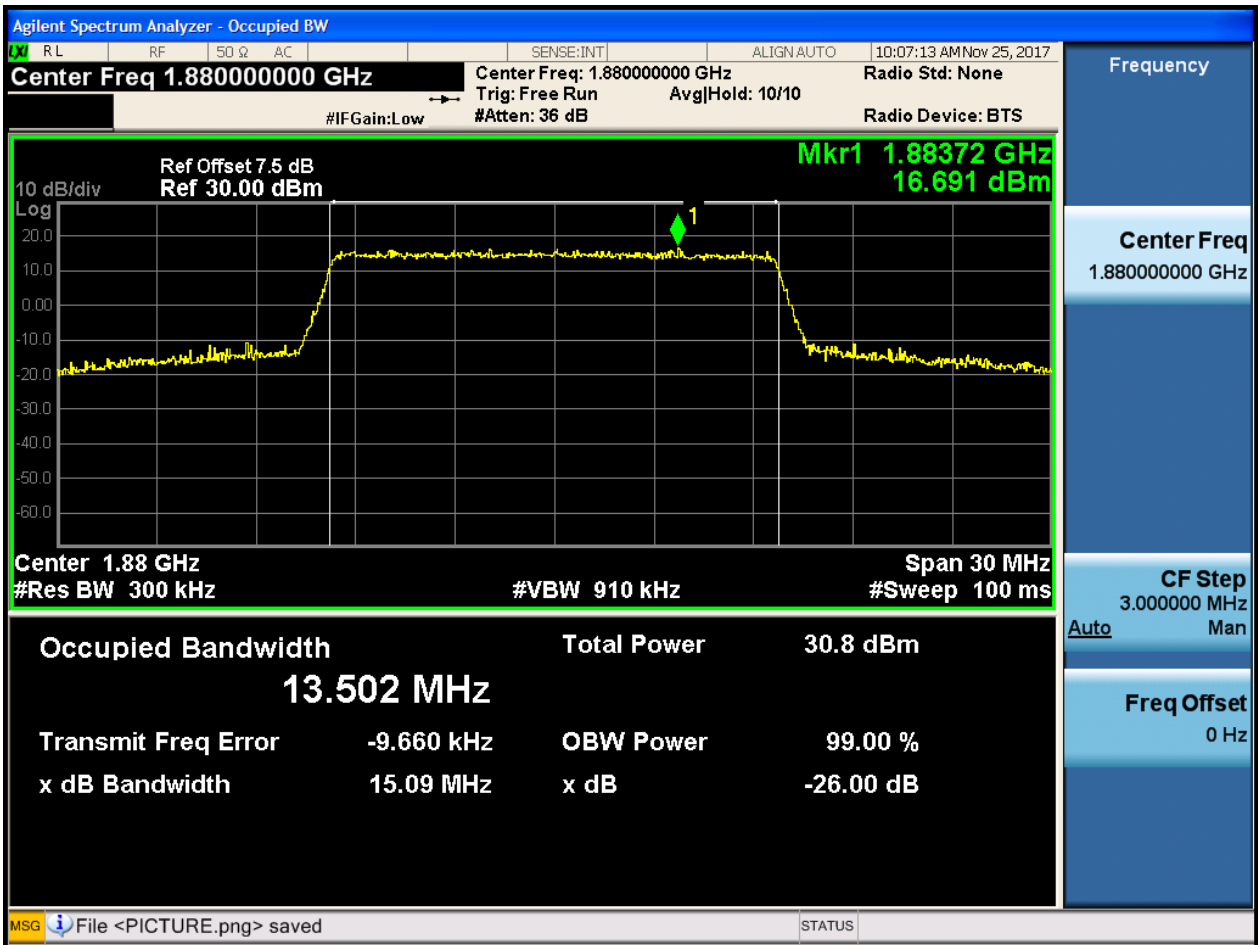
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

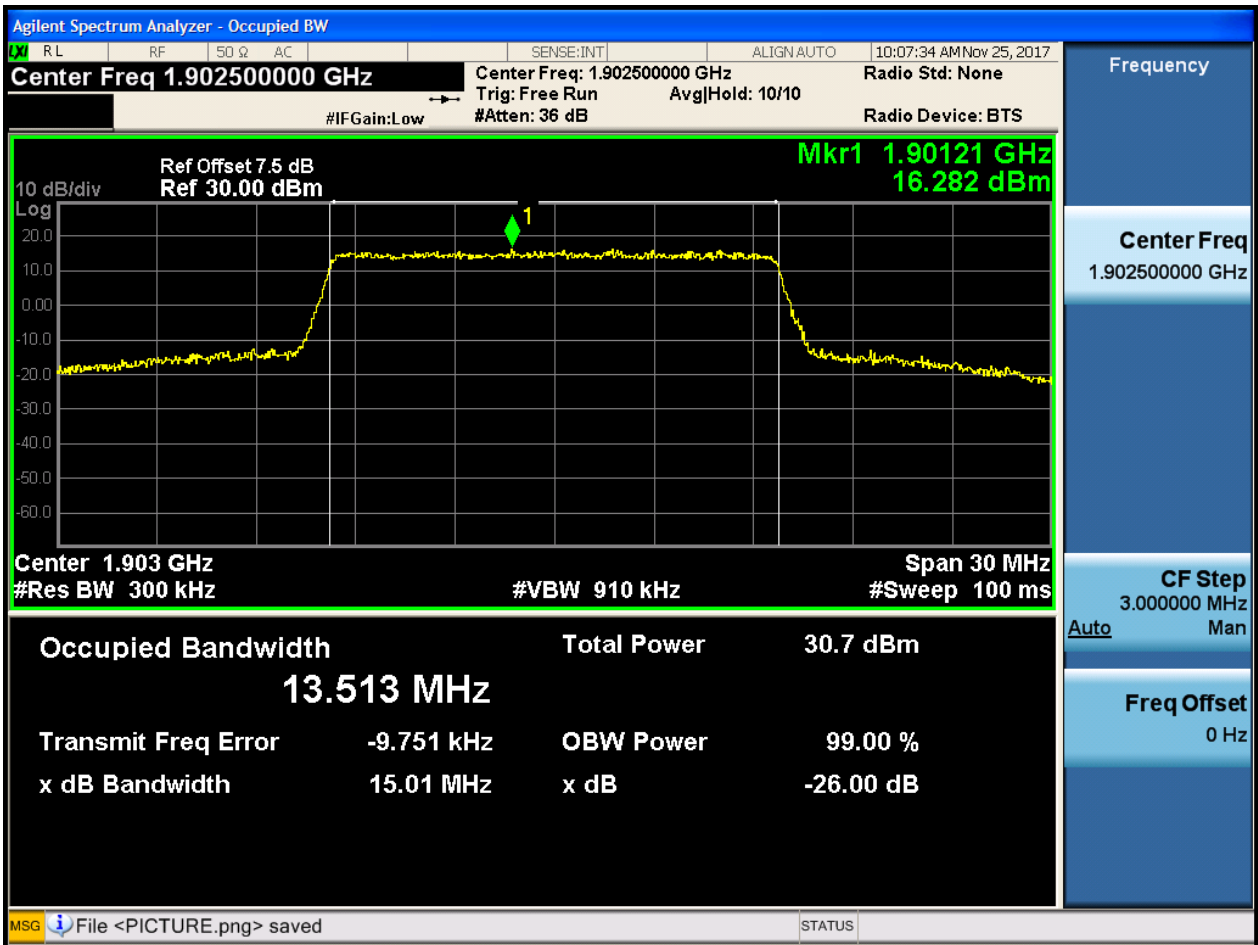
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

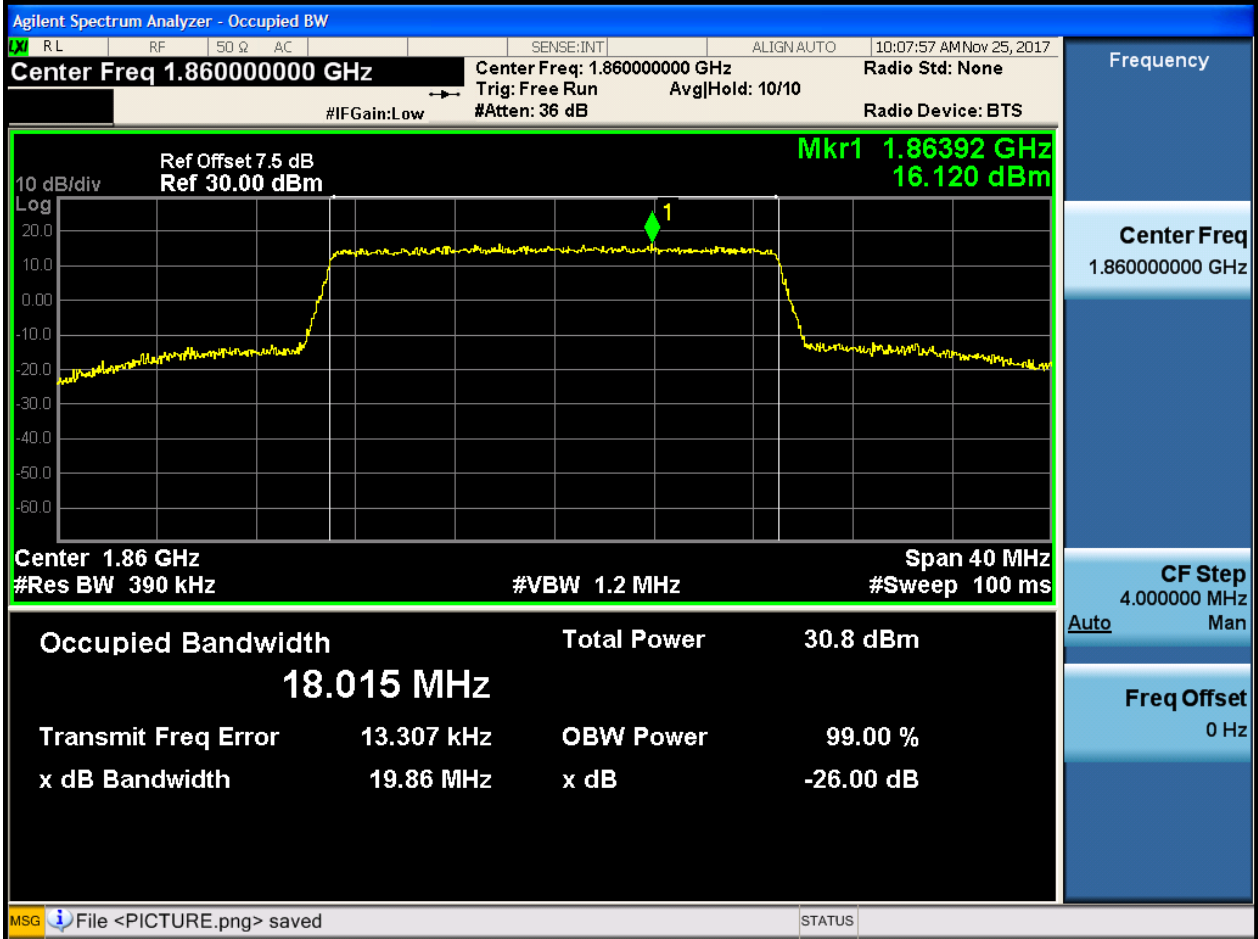




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0

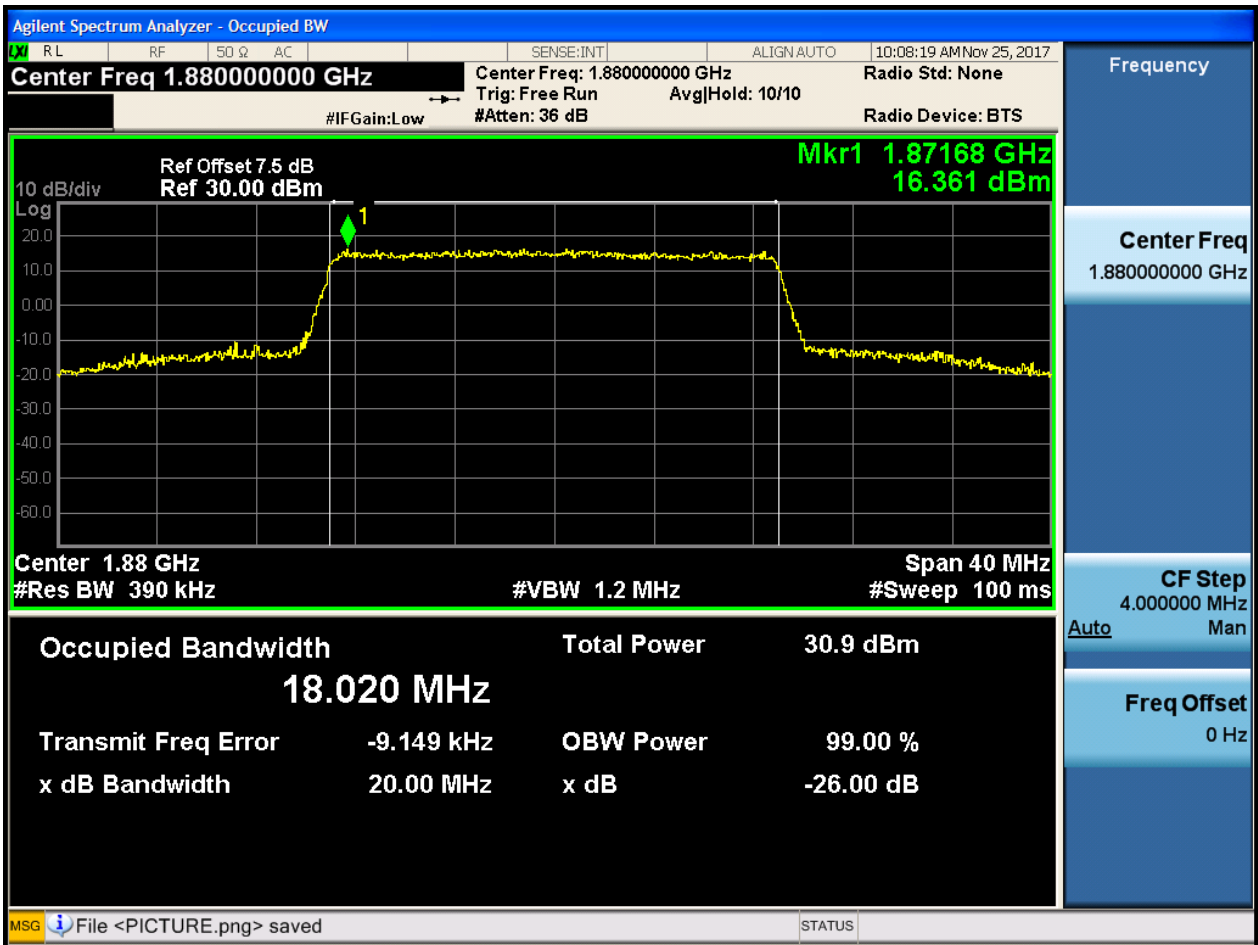






4.1.1.2.6.2 Test Channel = MCH

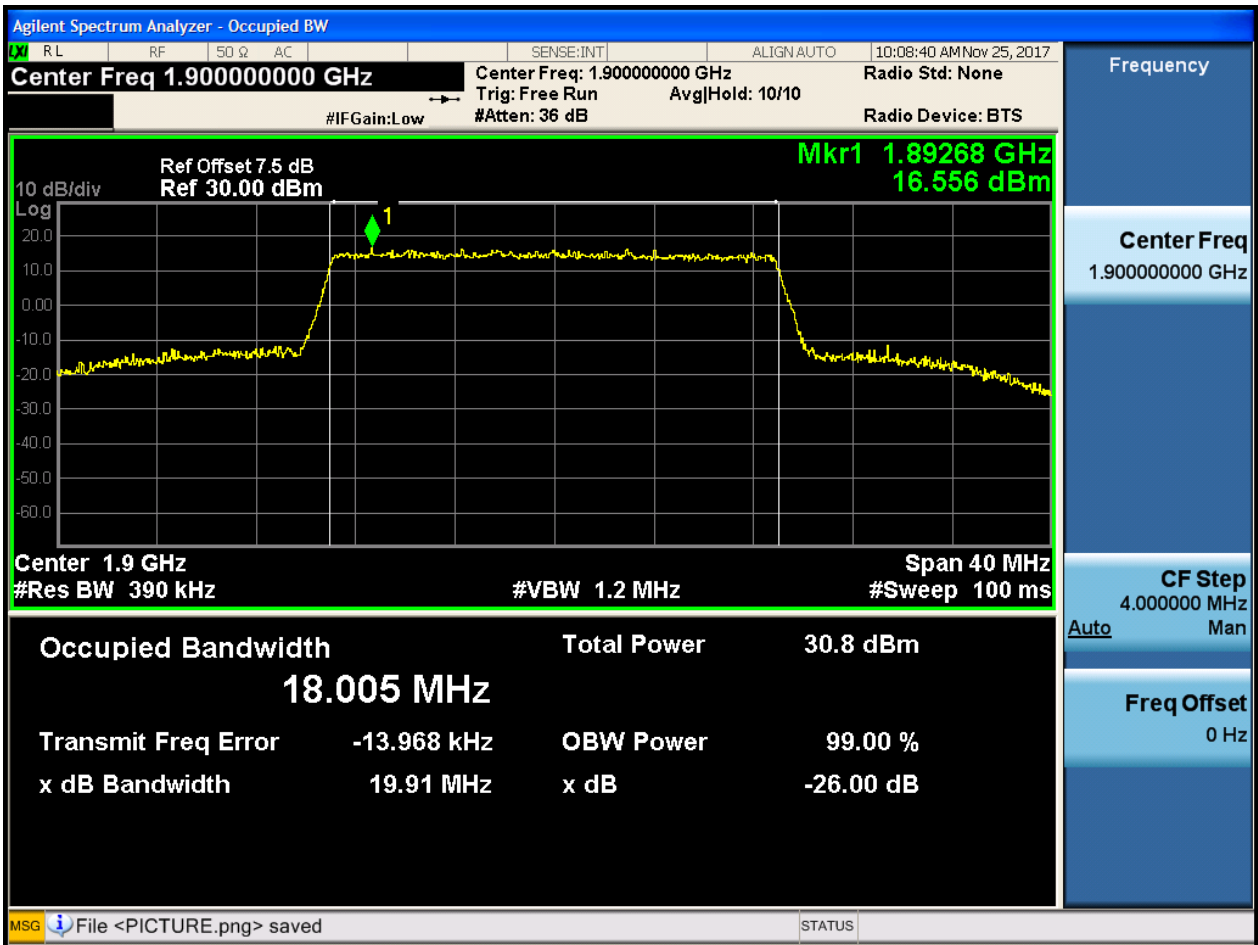
4.1.1.2.6.2.1 Test RB = RB100#0





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

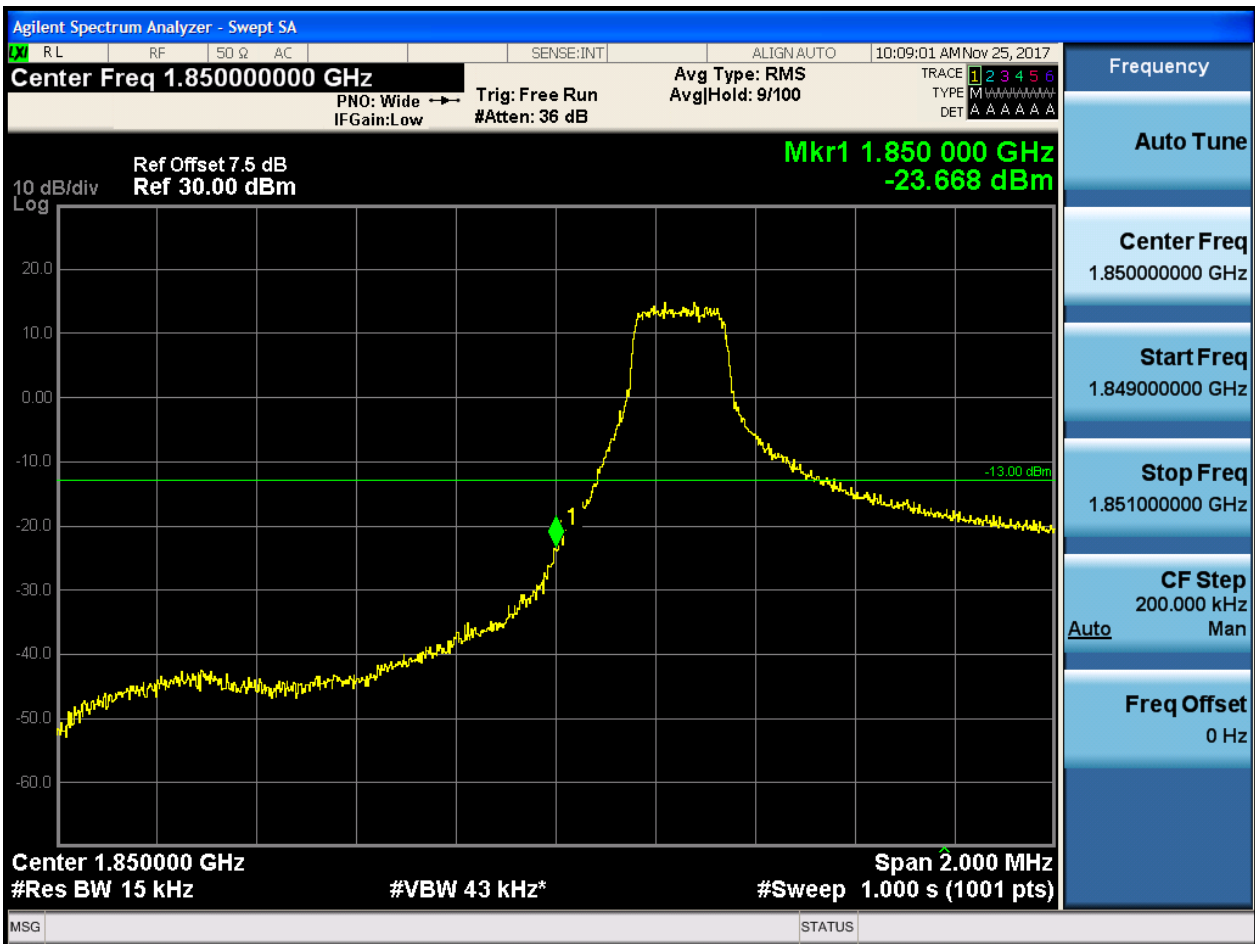
##### 5.1.1 Test Band = BAND2

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

##### 5.1.1.1.1 Test Bandwidth = 1.4

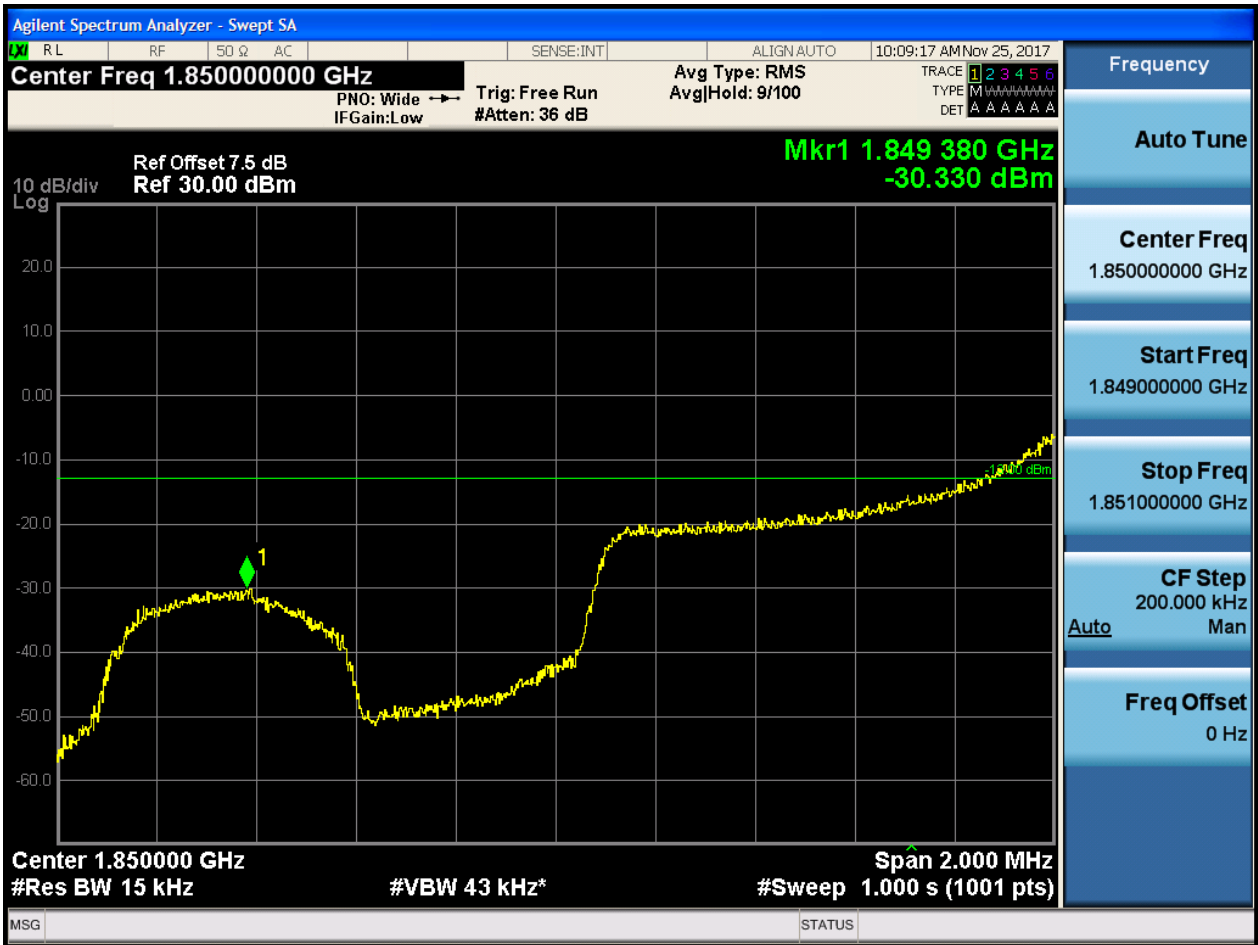
##### 5.1.1.1.1.1 Test Channel = LCH

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



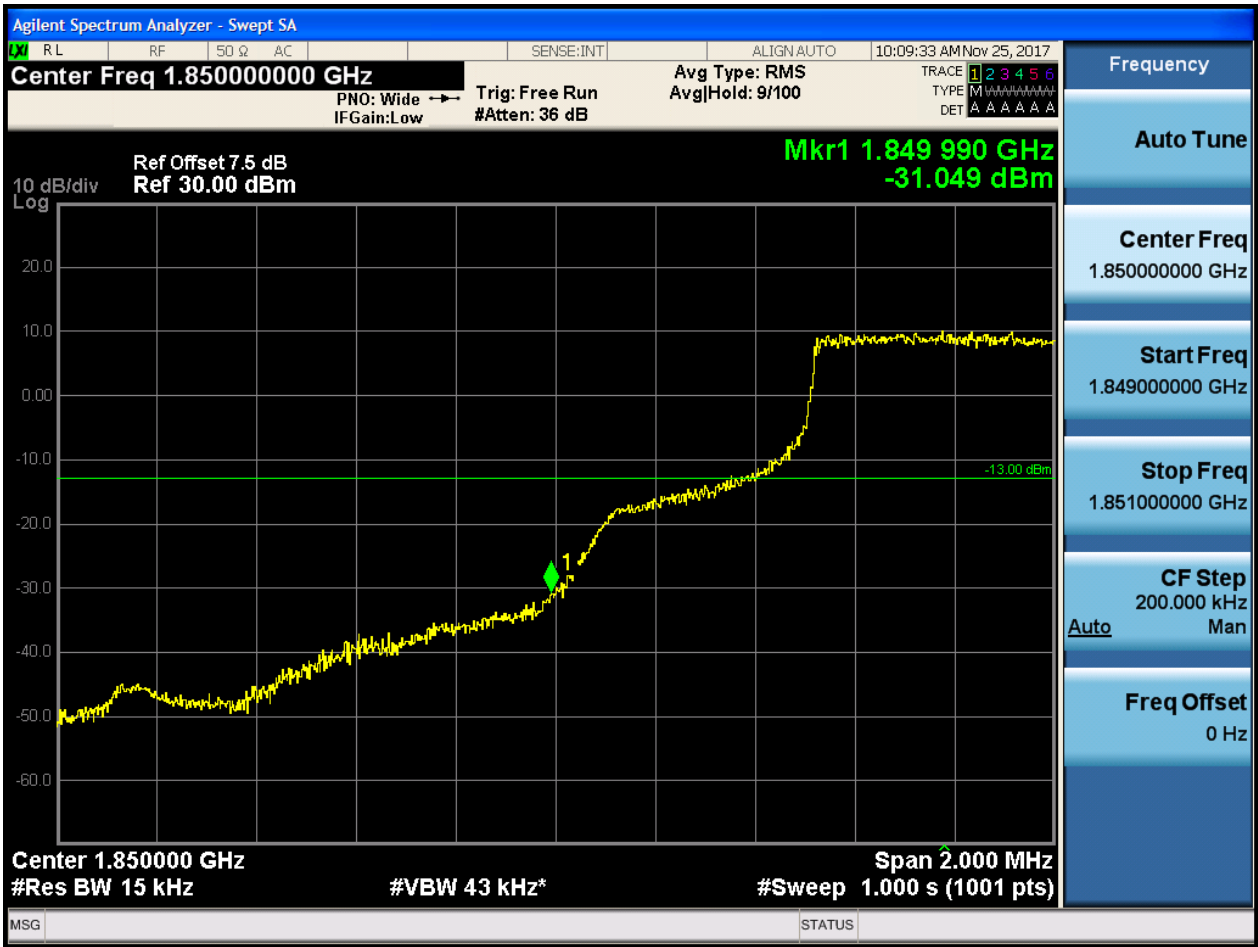


5.1.1.1.1.2 Test RB = RB1#5





5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





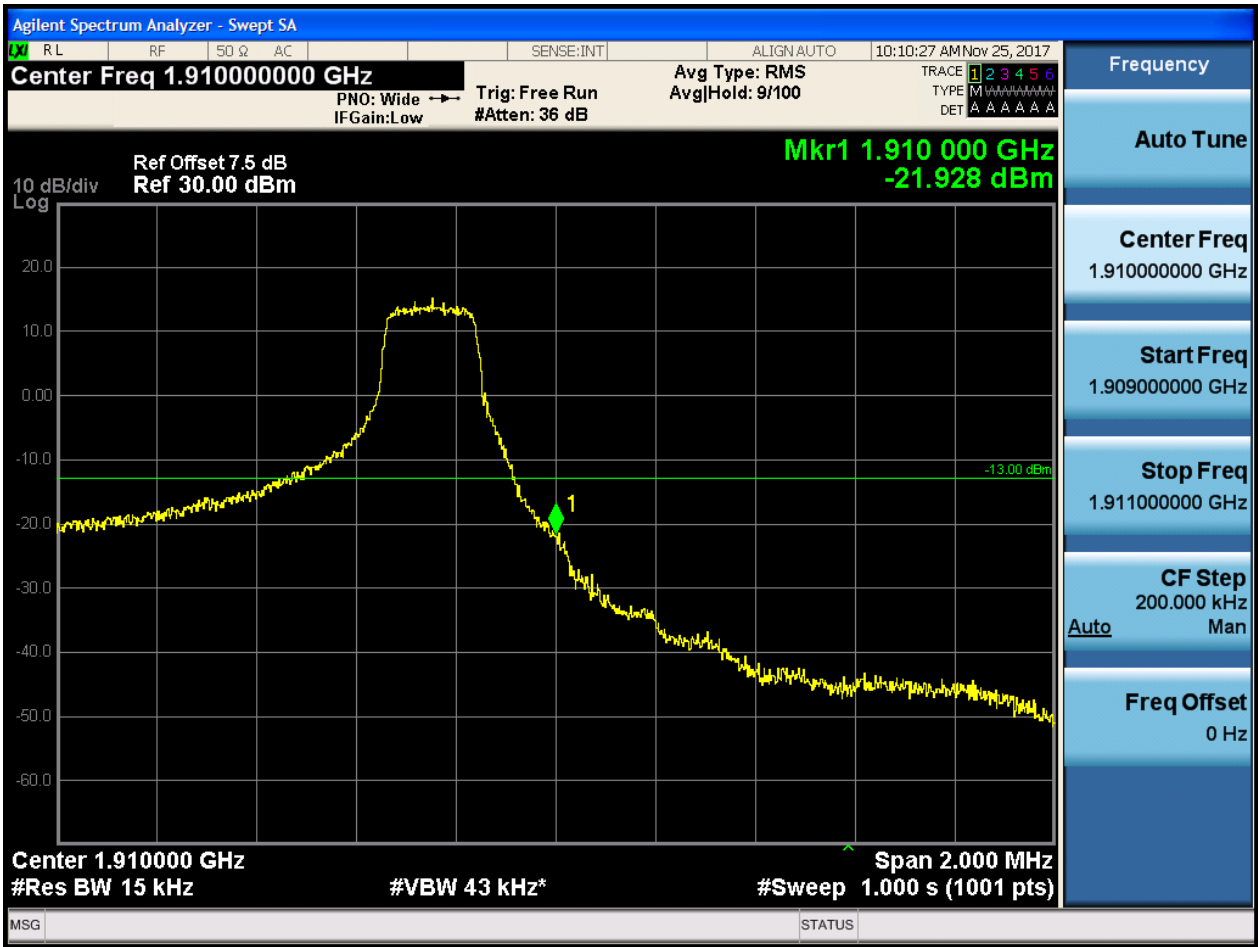
5.1.1.1.1.2 Test Channel = HCH

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





5.1.1.1.1.2.4 Test RB = RB6#0

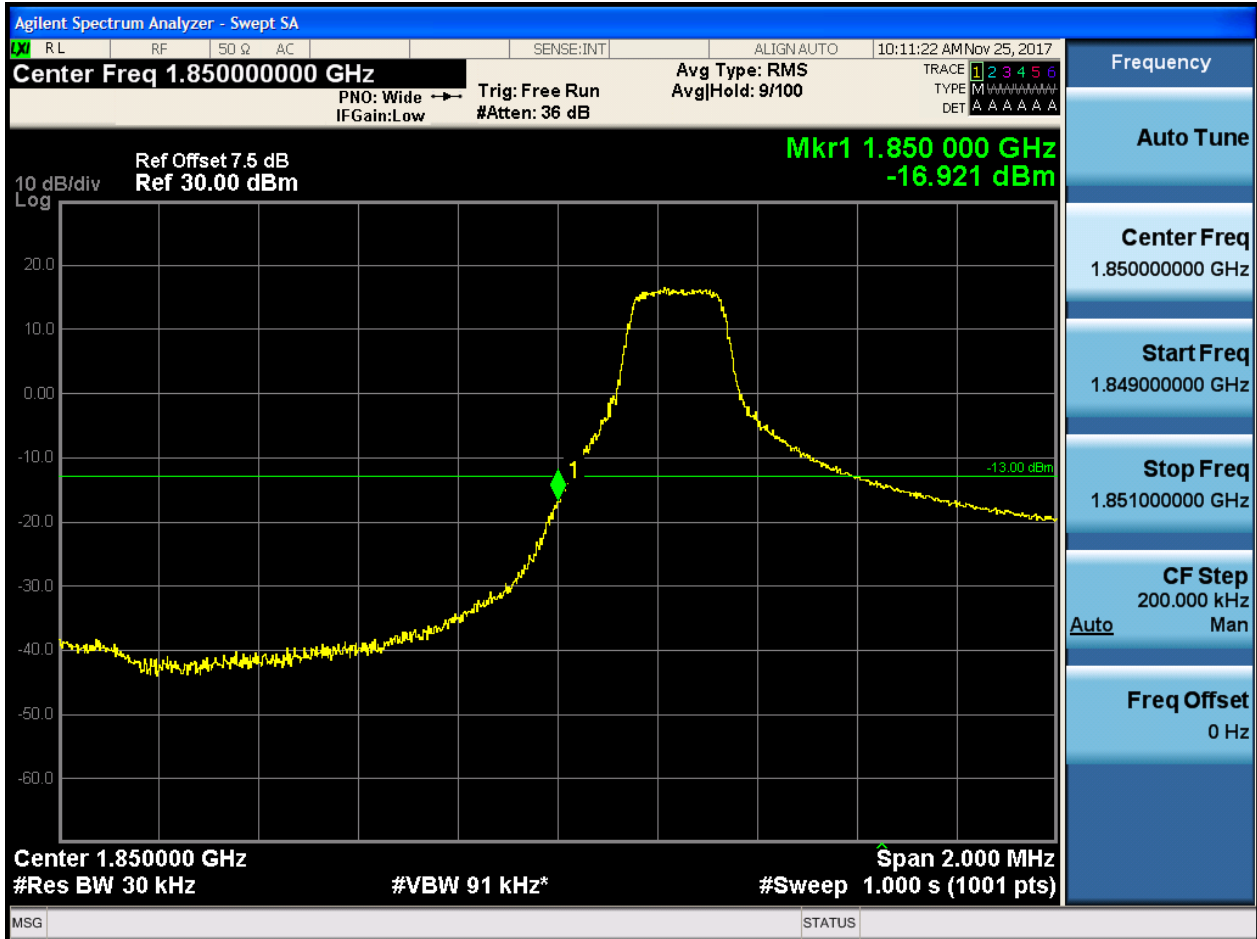




5.1.1.1.2 Test Bandwidth = 3

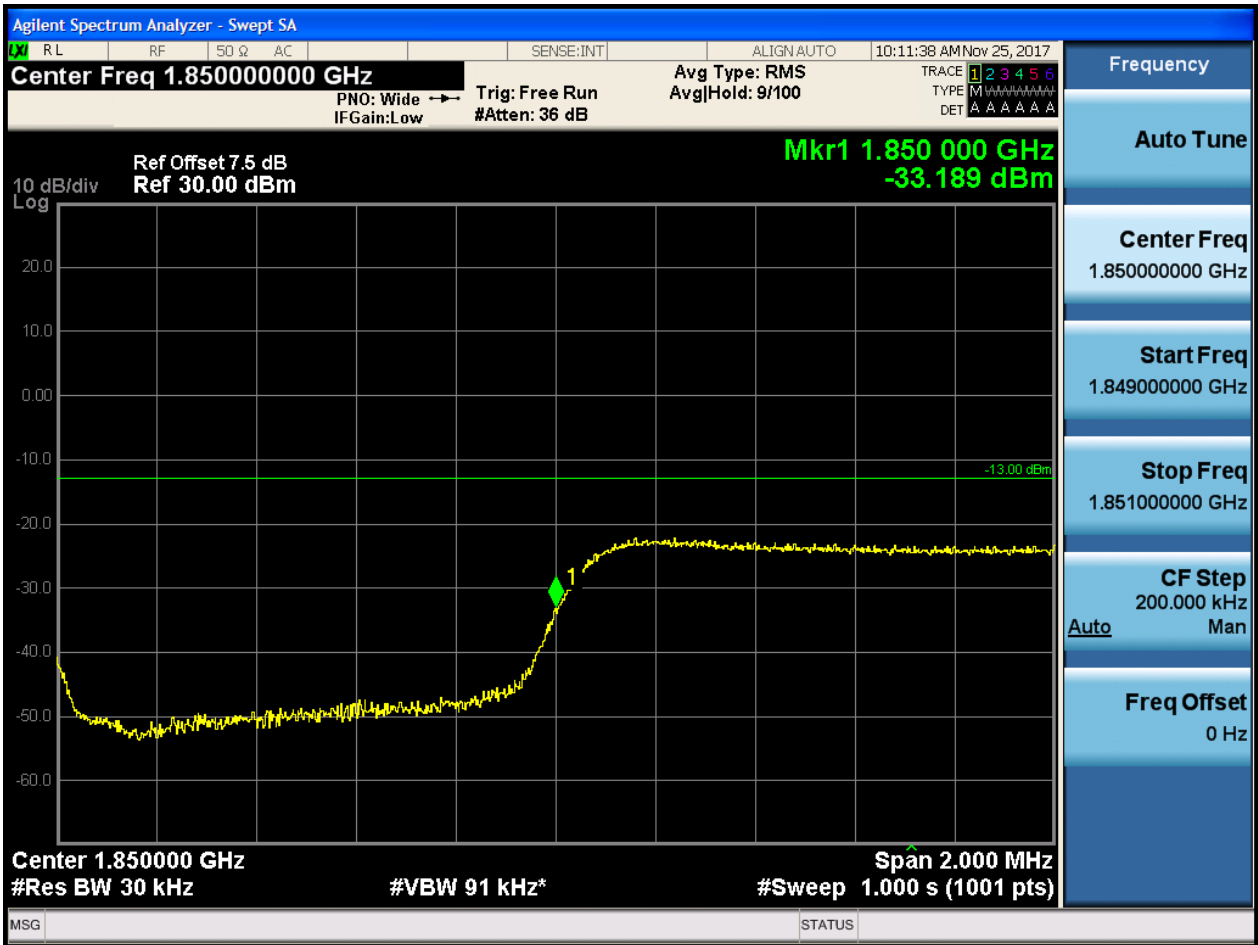
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



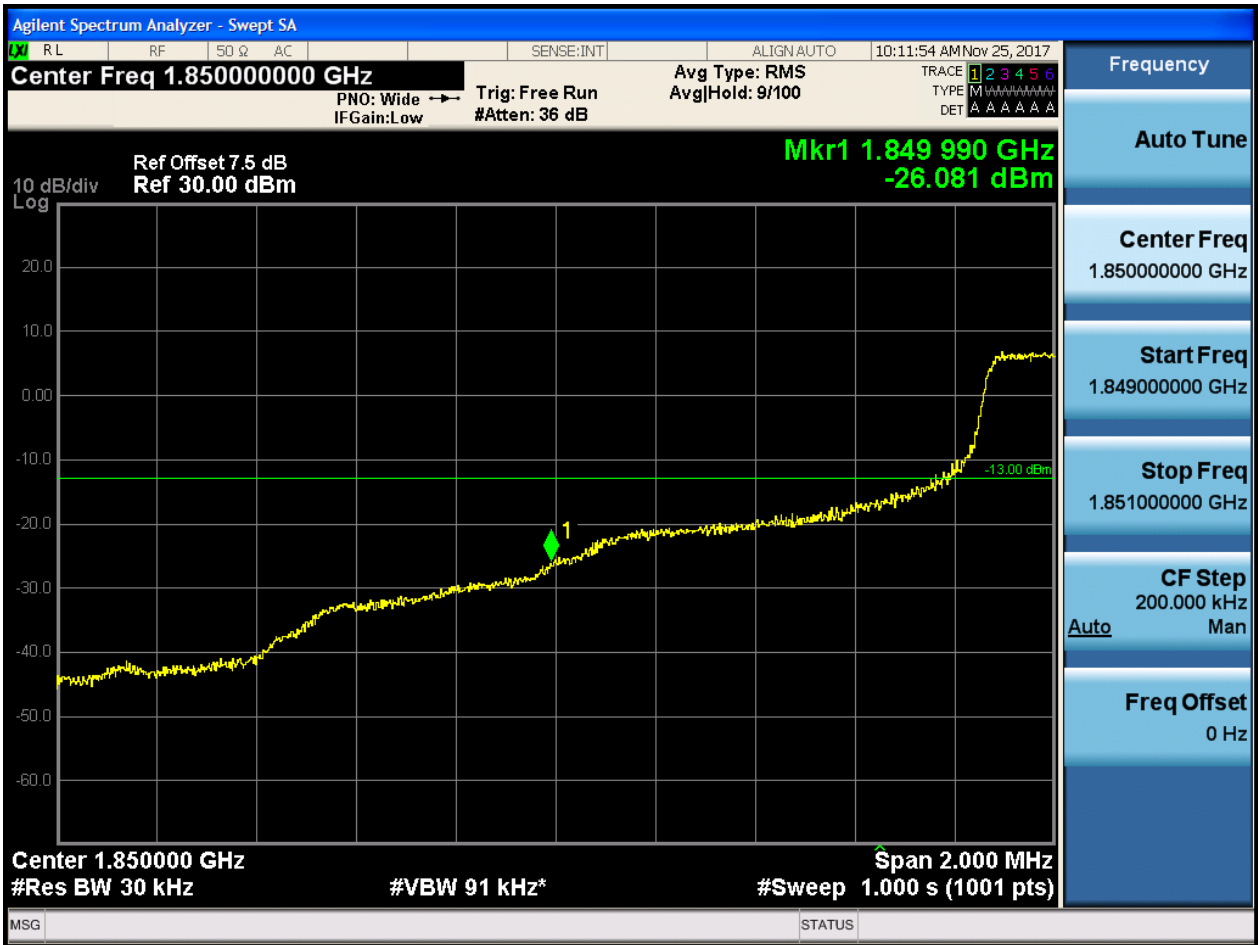


5.1.1.1.2.1.2 Test RB = RB1#14



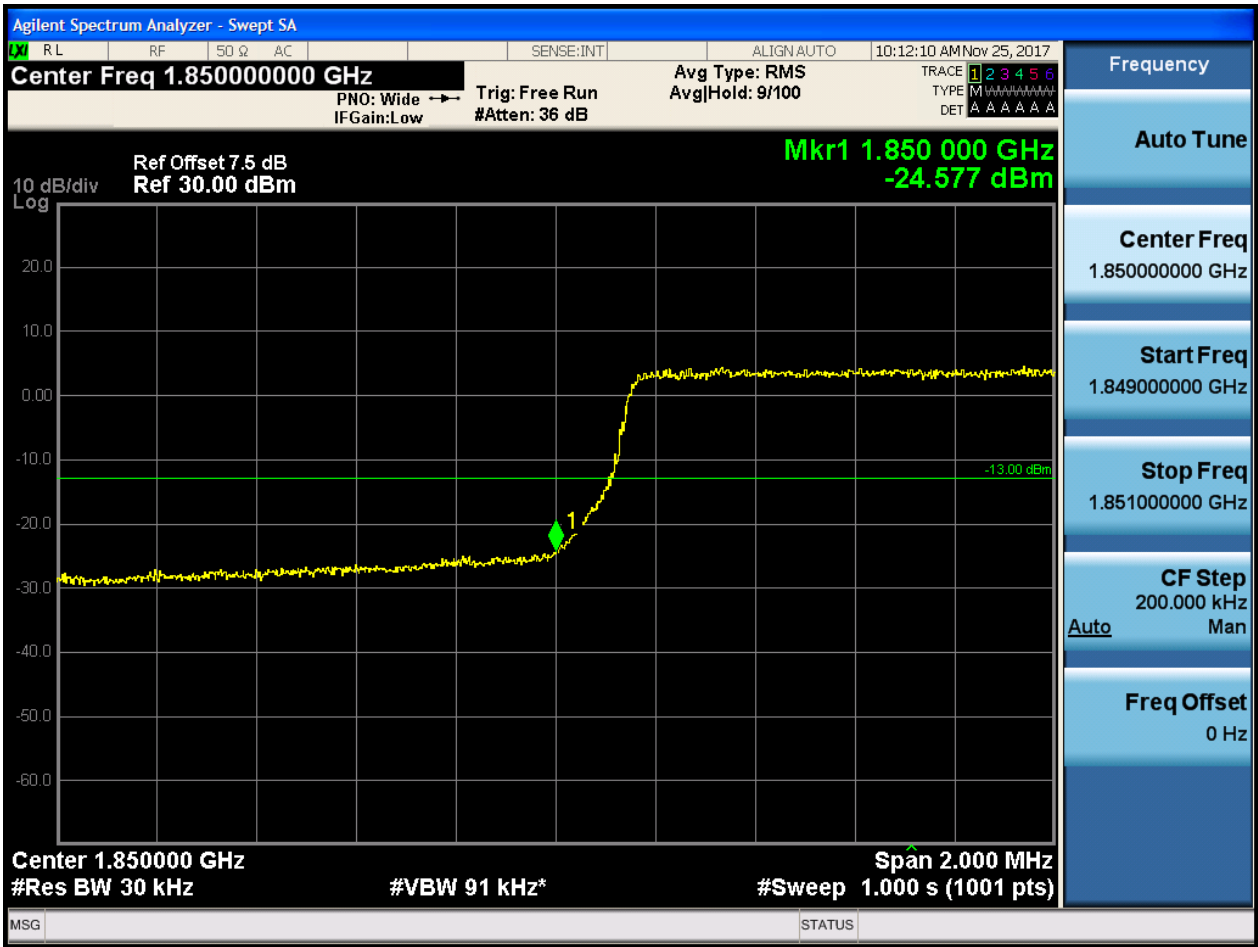


5.1.1.1.2.1.3 Test RB = RB#4





5.1.1.1.2.1.4 Test RB = RB15#0





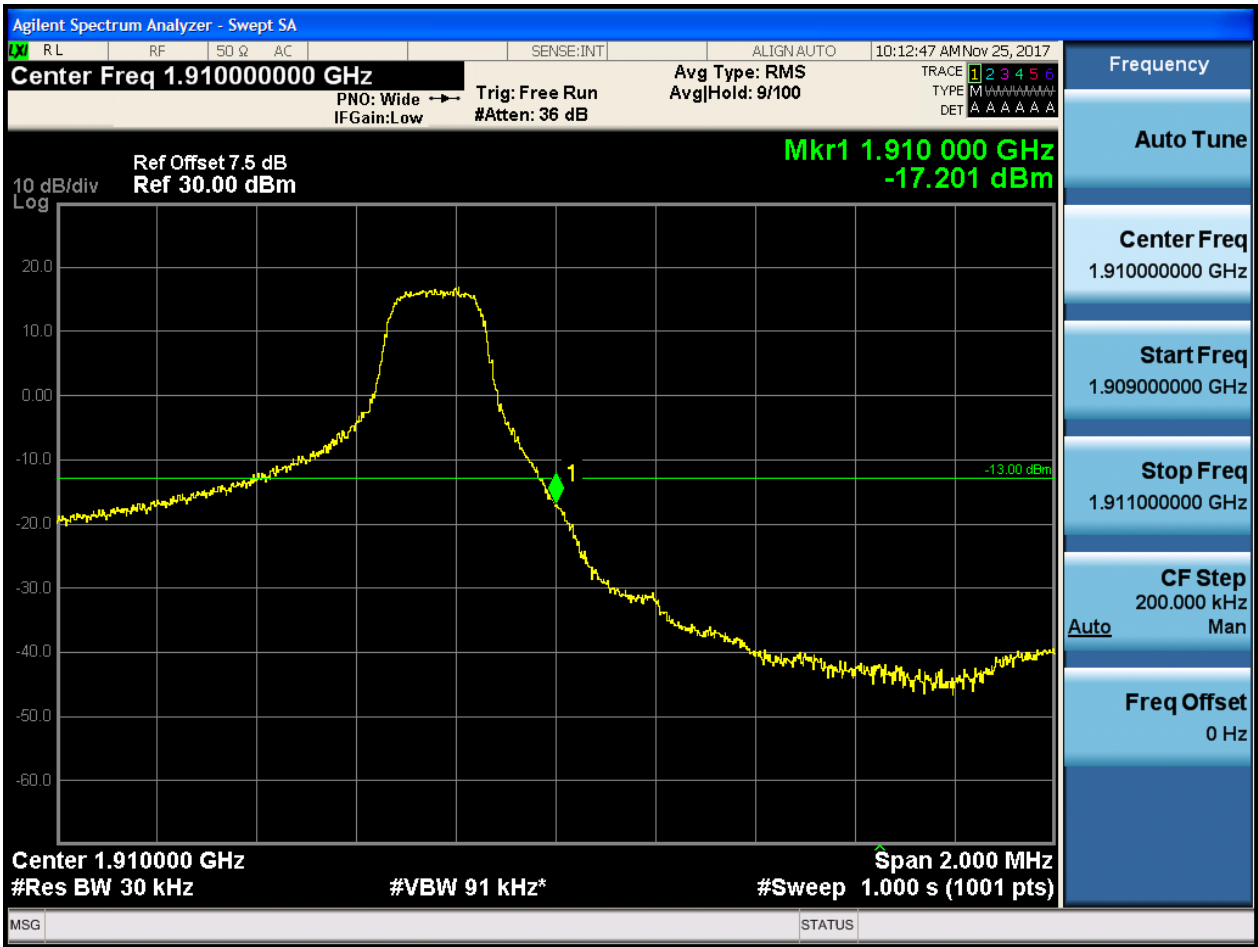
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





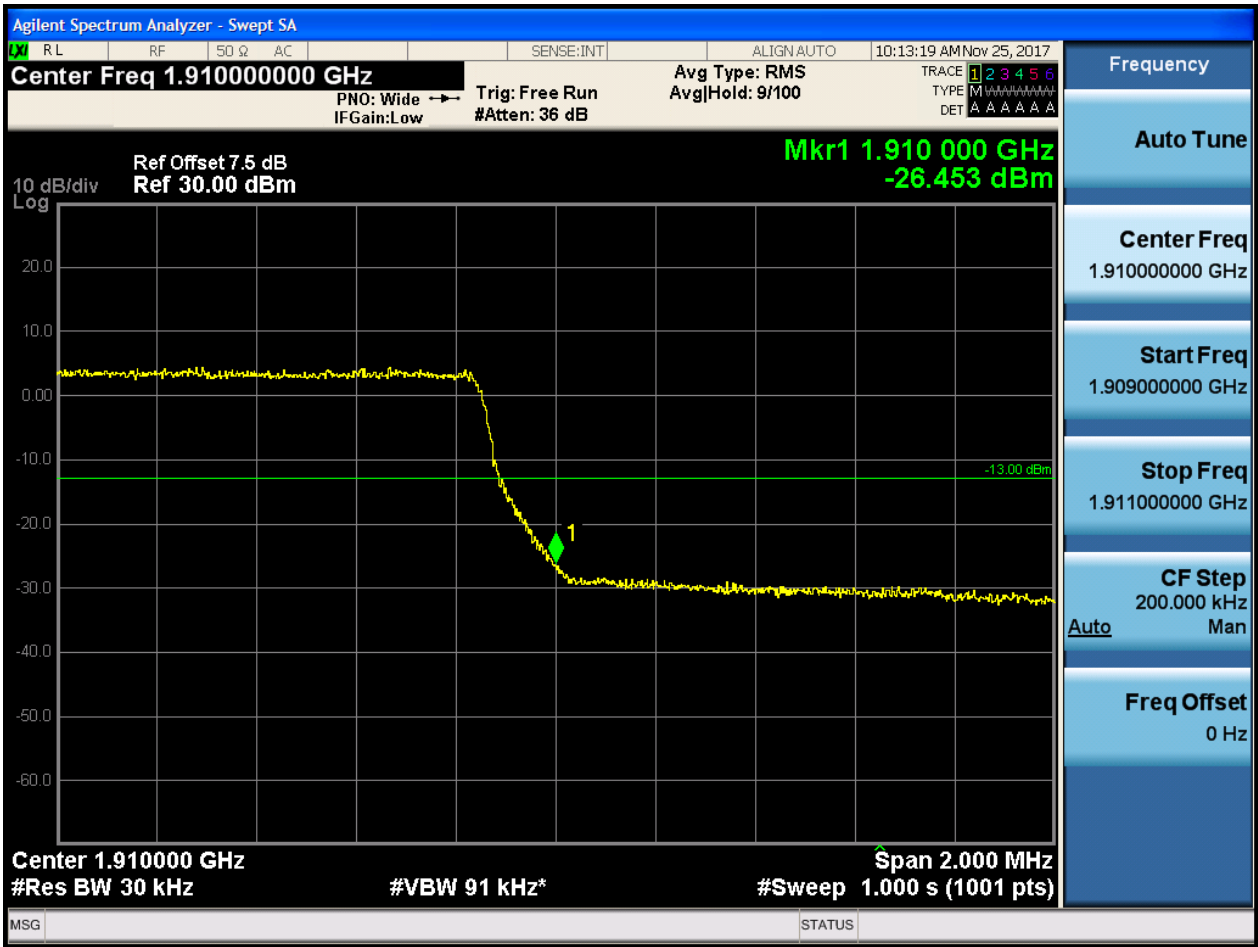


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

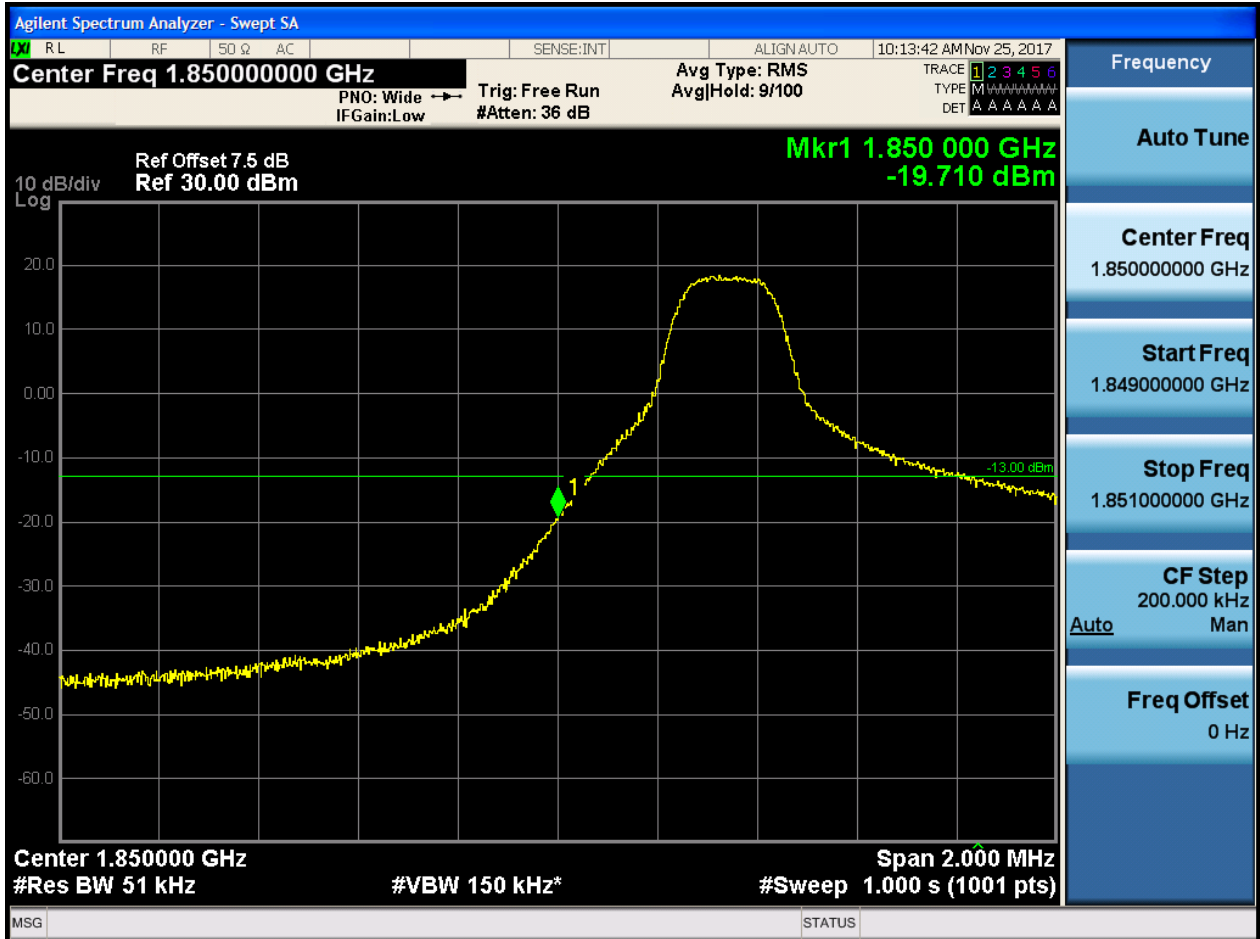




5.1.1.1.3 Test Bandwidth = 5

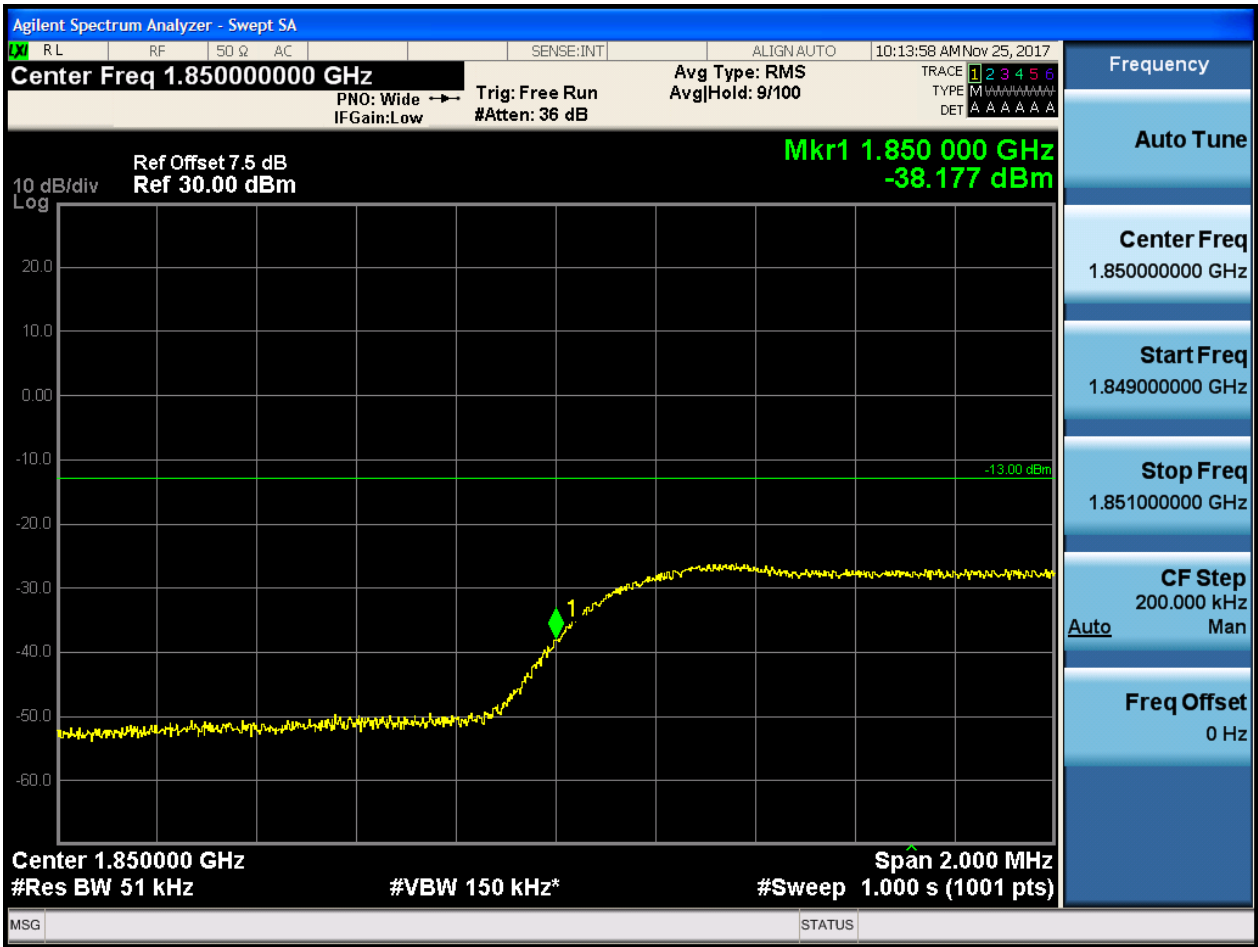
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



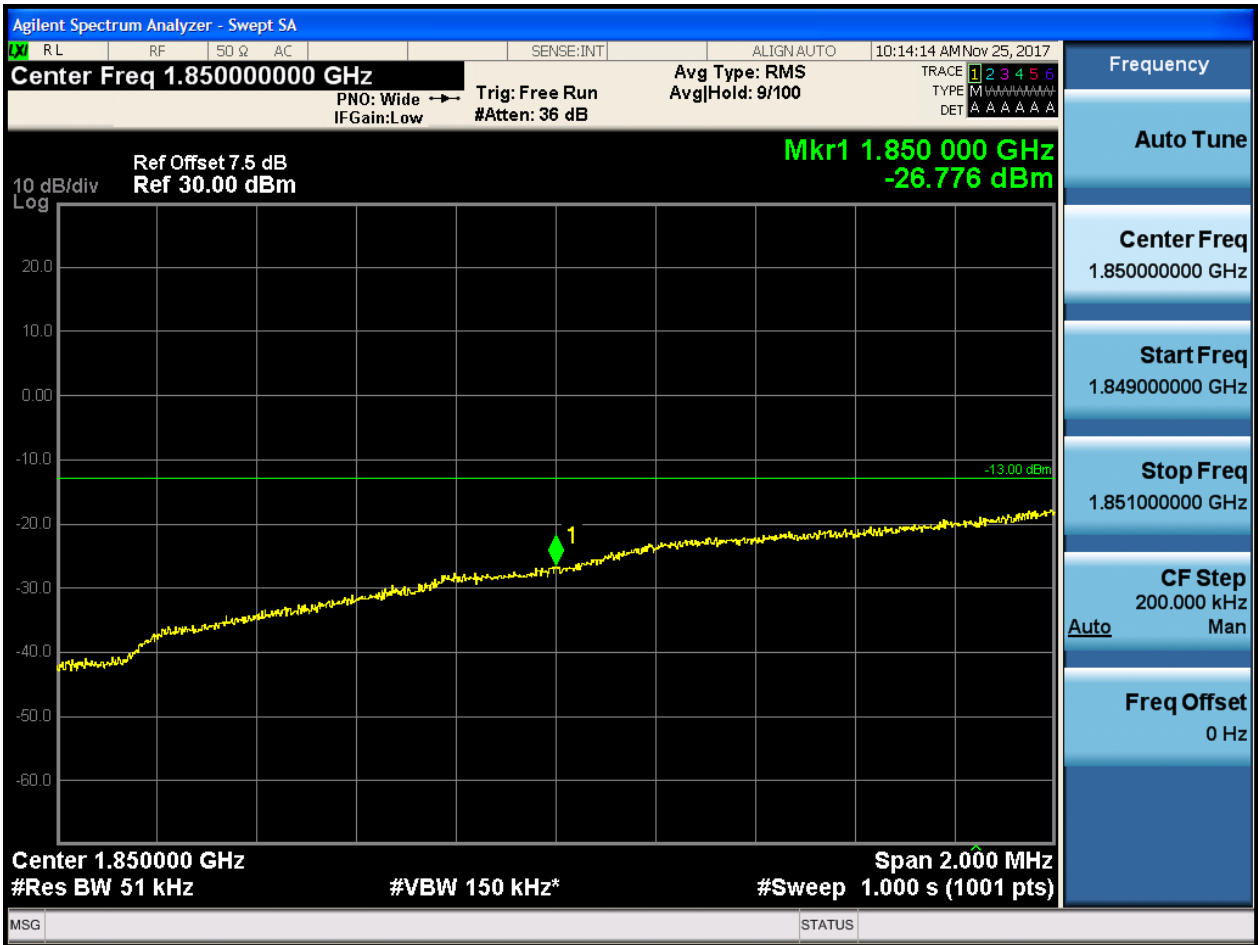


5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





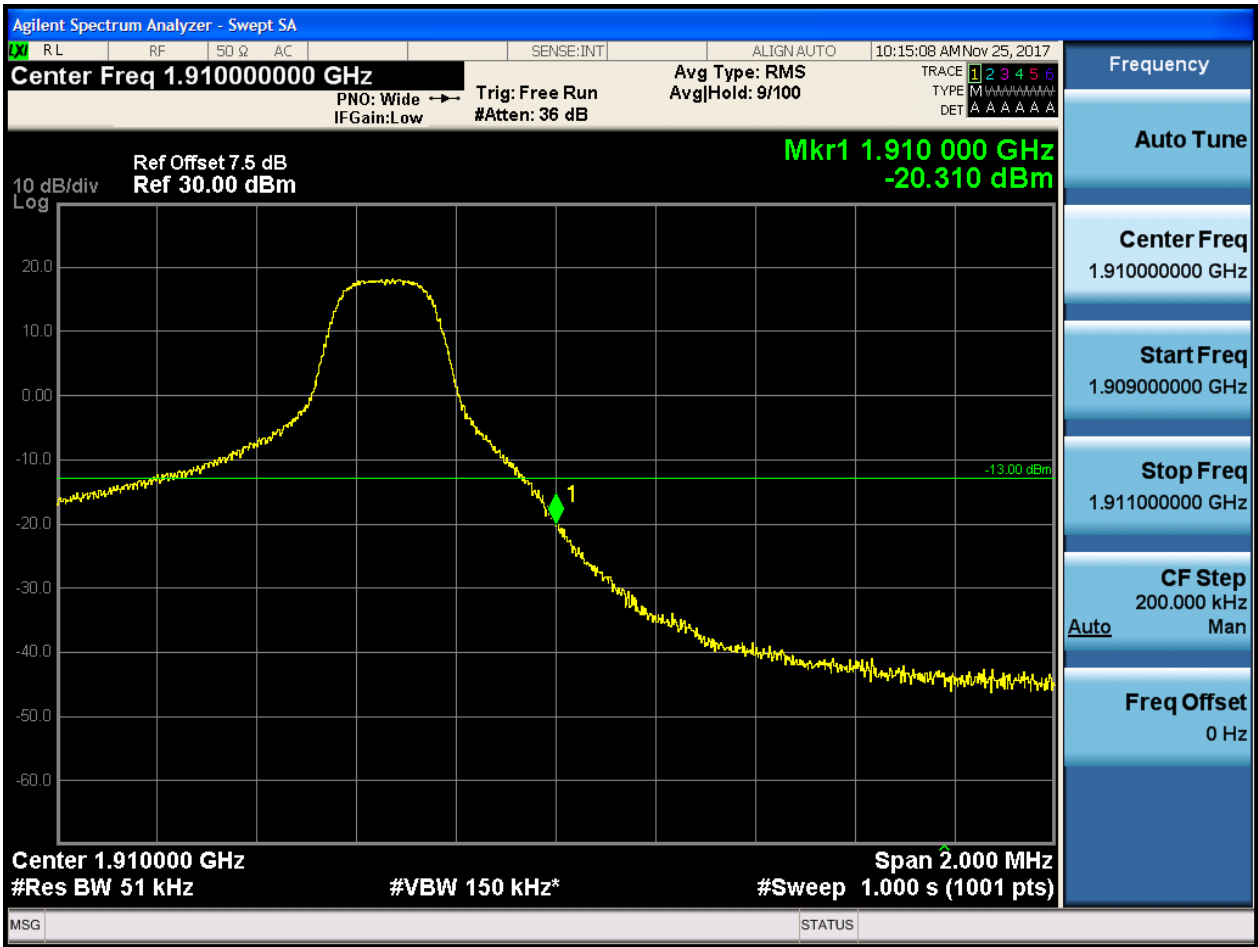
5.1.1.1.3.2 Test Channel = HCH

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

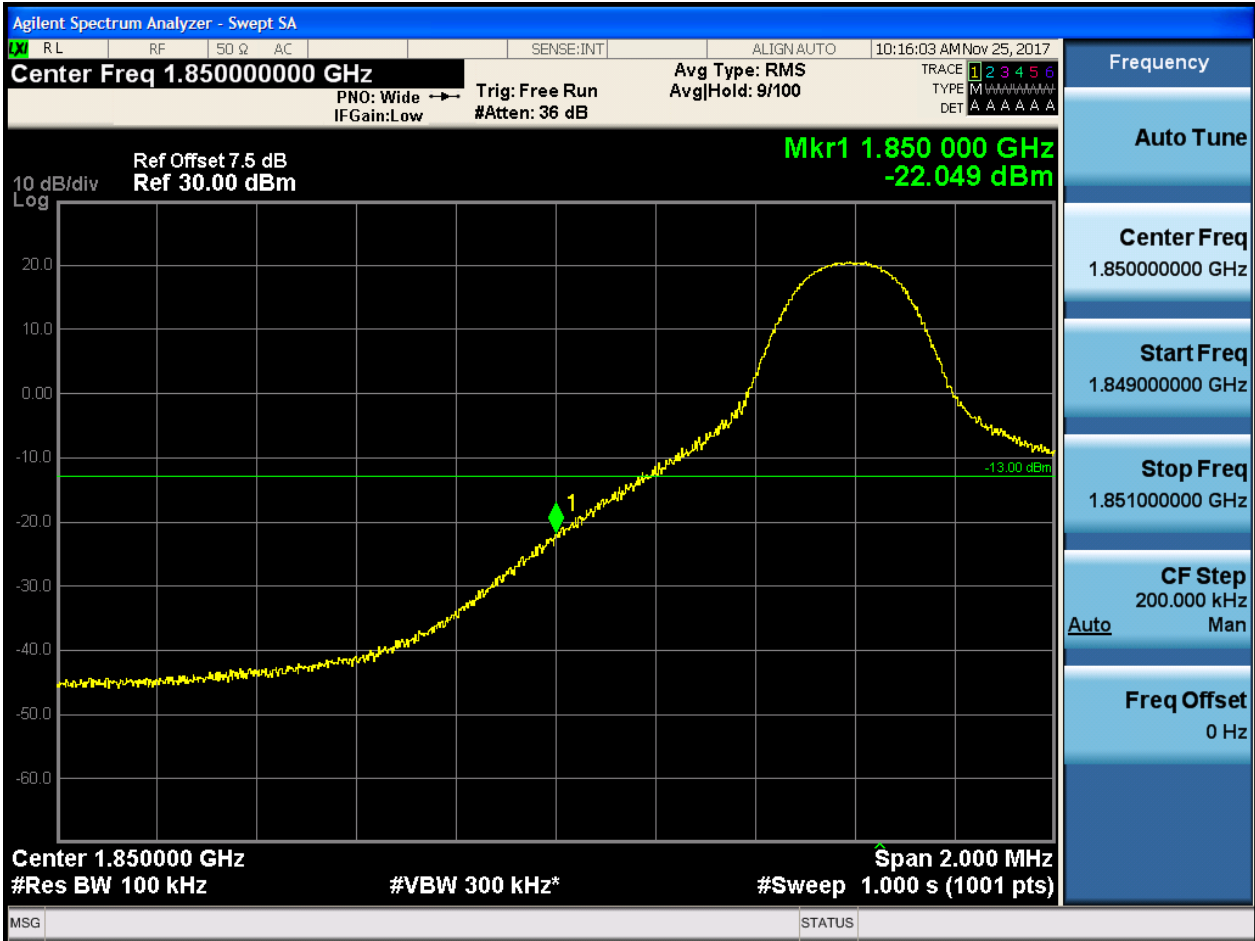




5.1.1.1.4 Test Bandwidth = 10

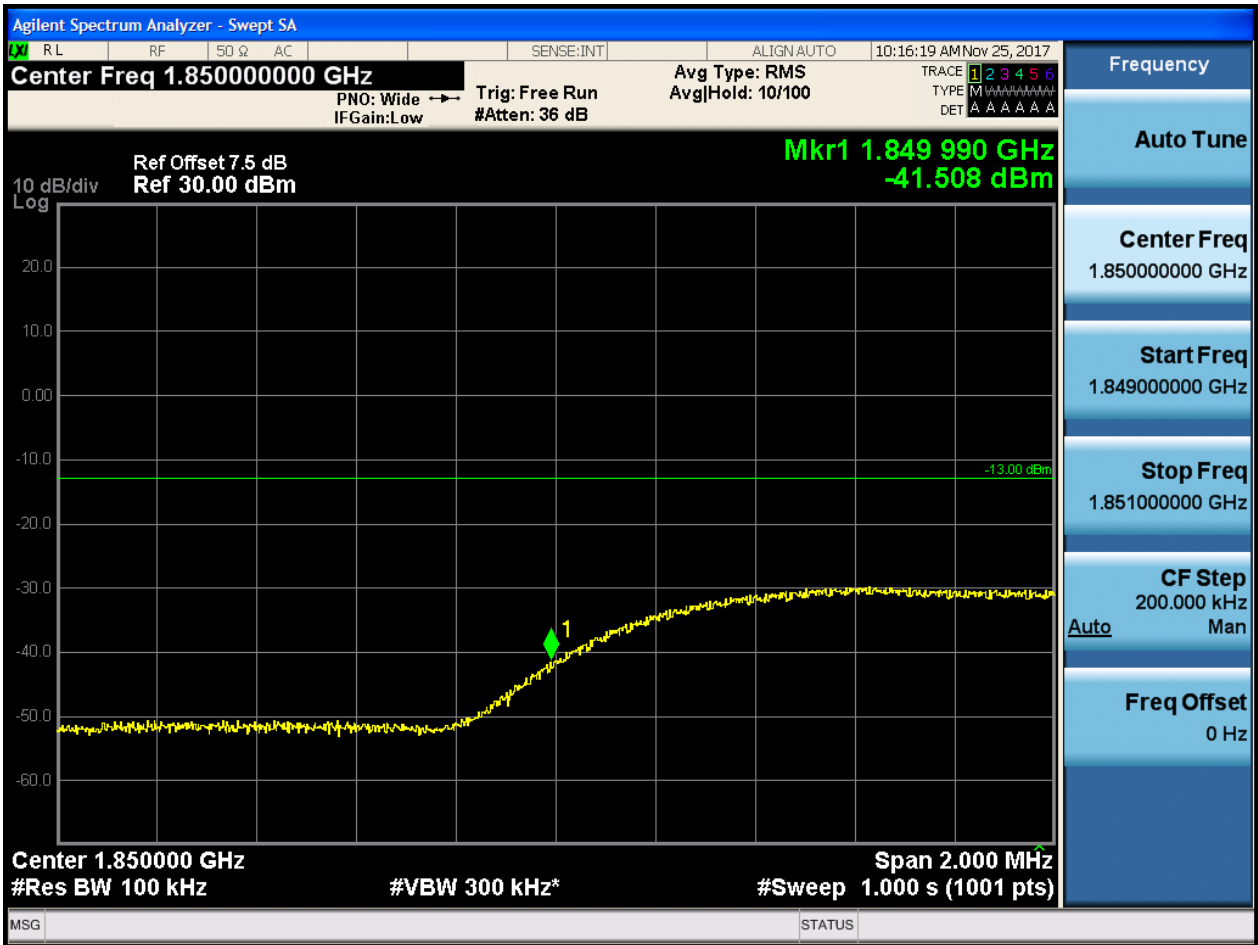
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49



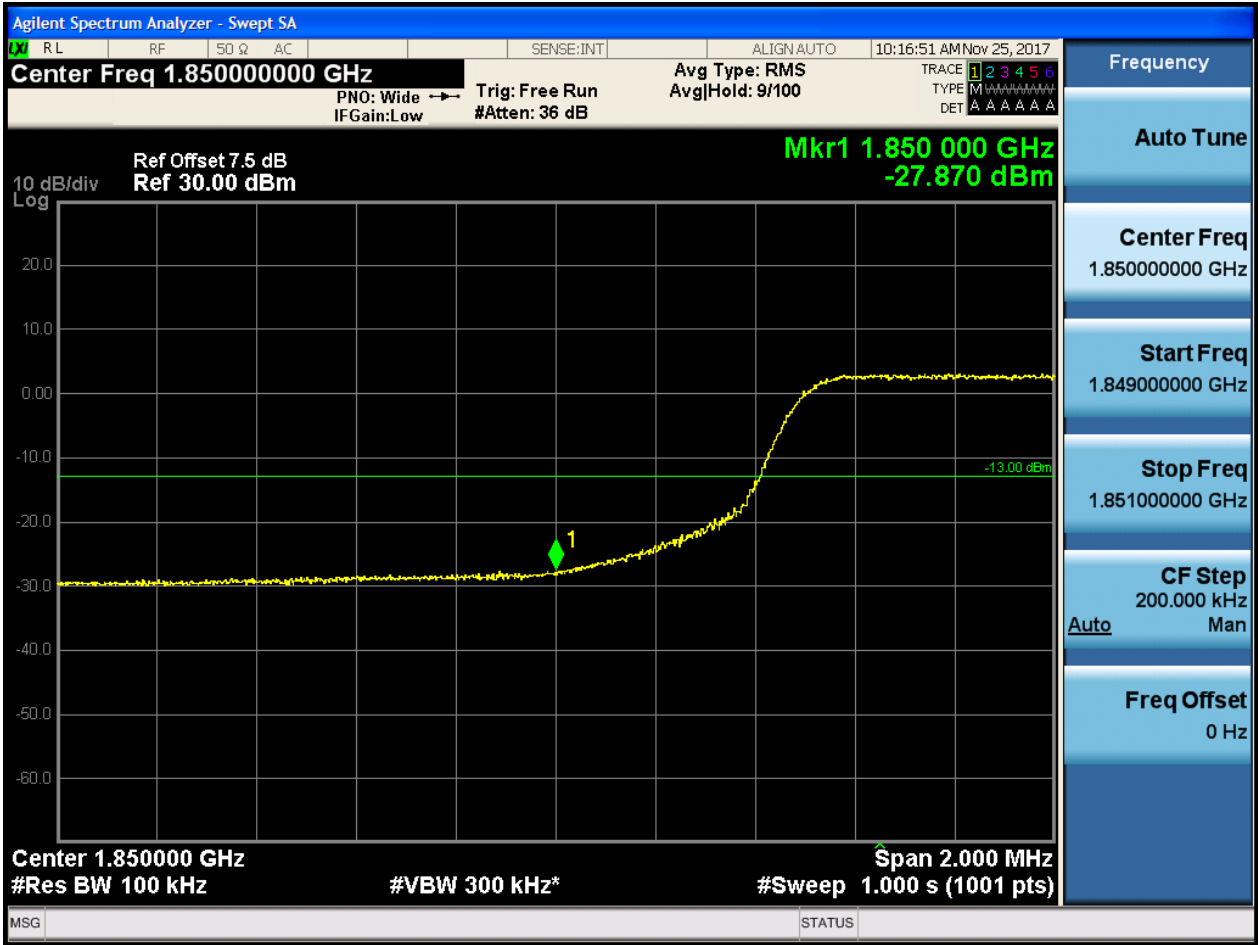


5.1.1.1.4.1.3 Test RB = RB25#13





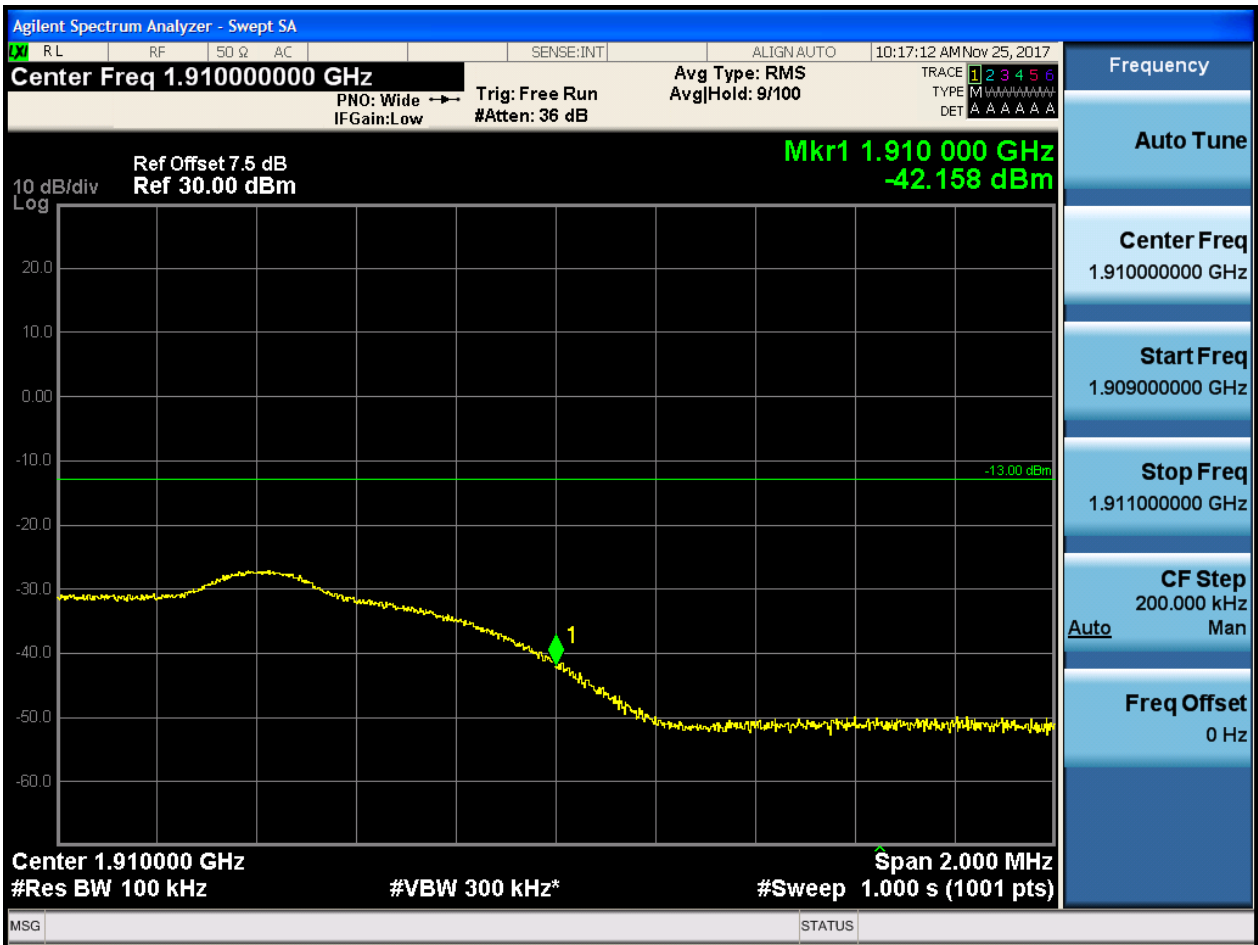
5.1.1.1.4.1.4 Test RB = RB50#0





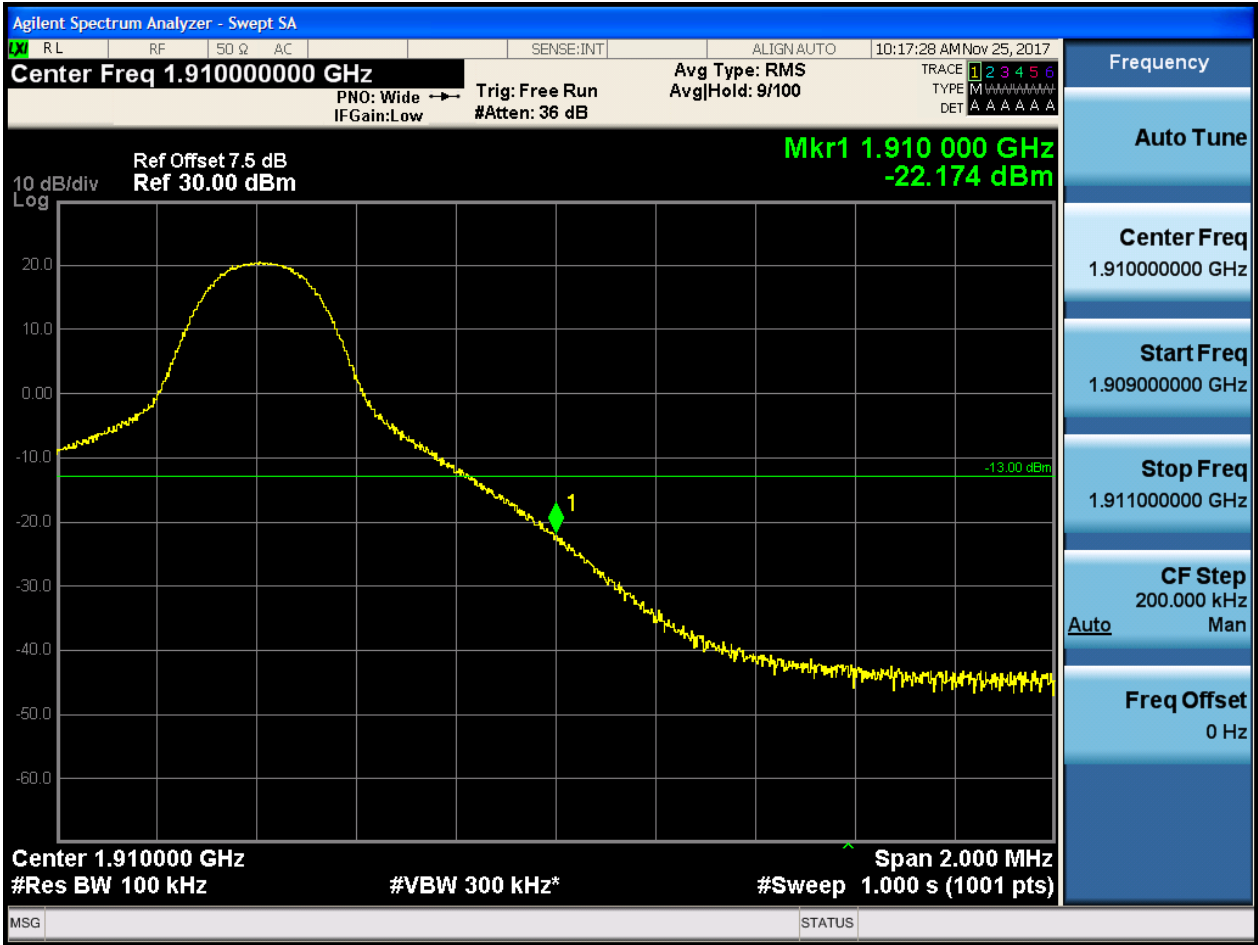
5.1.1.1.4.2 Test Channel = HCH

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

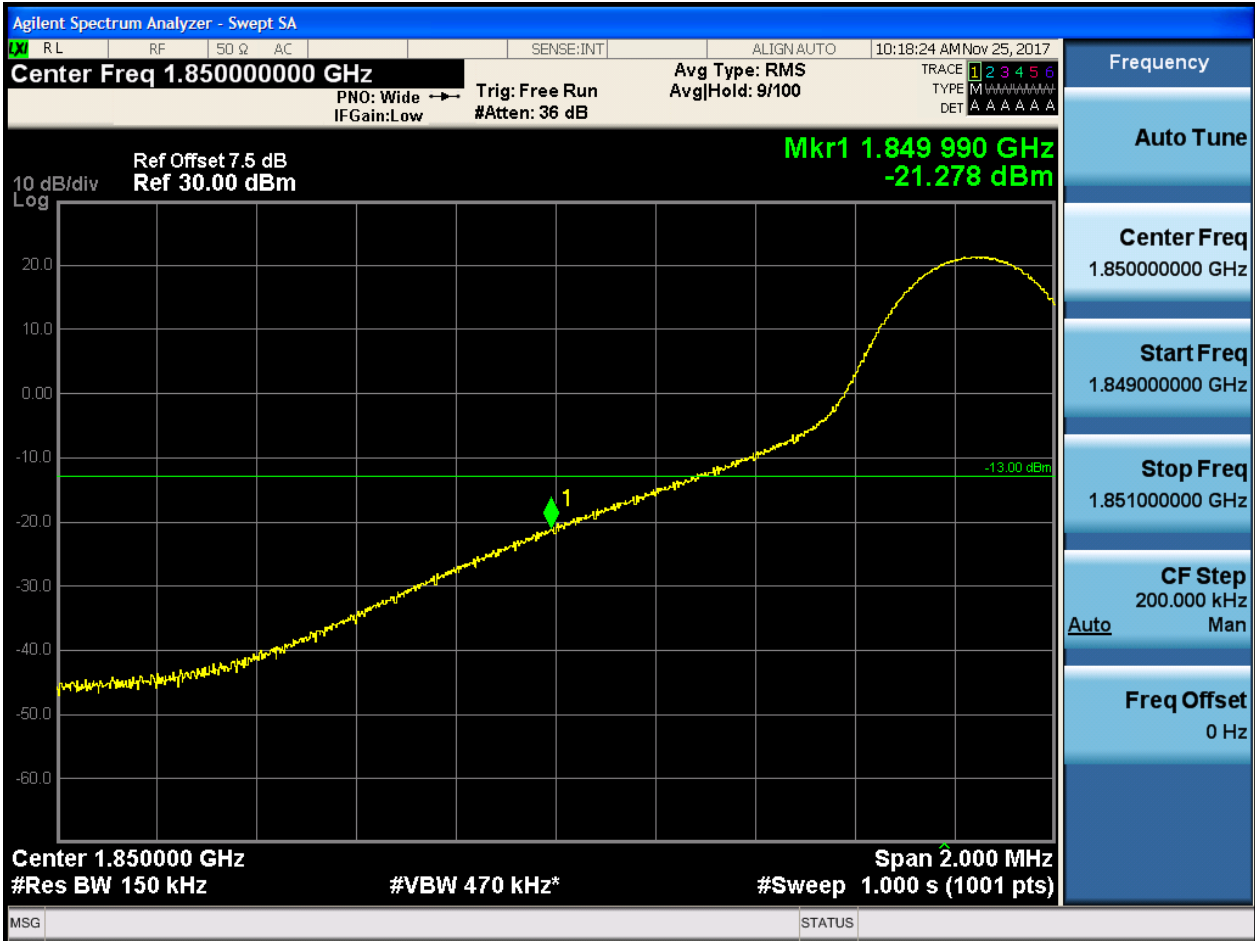




5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



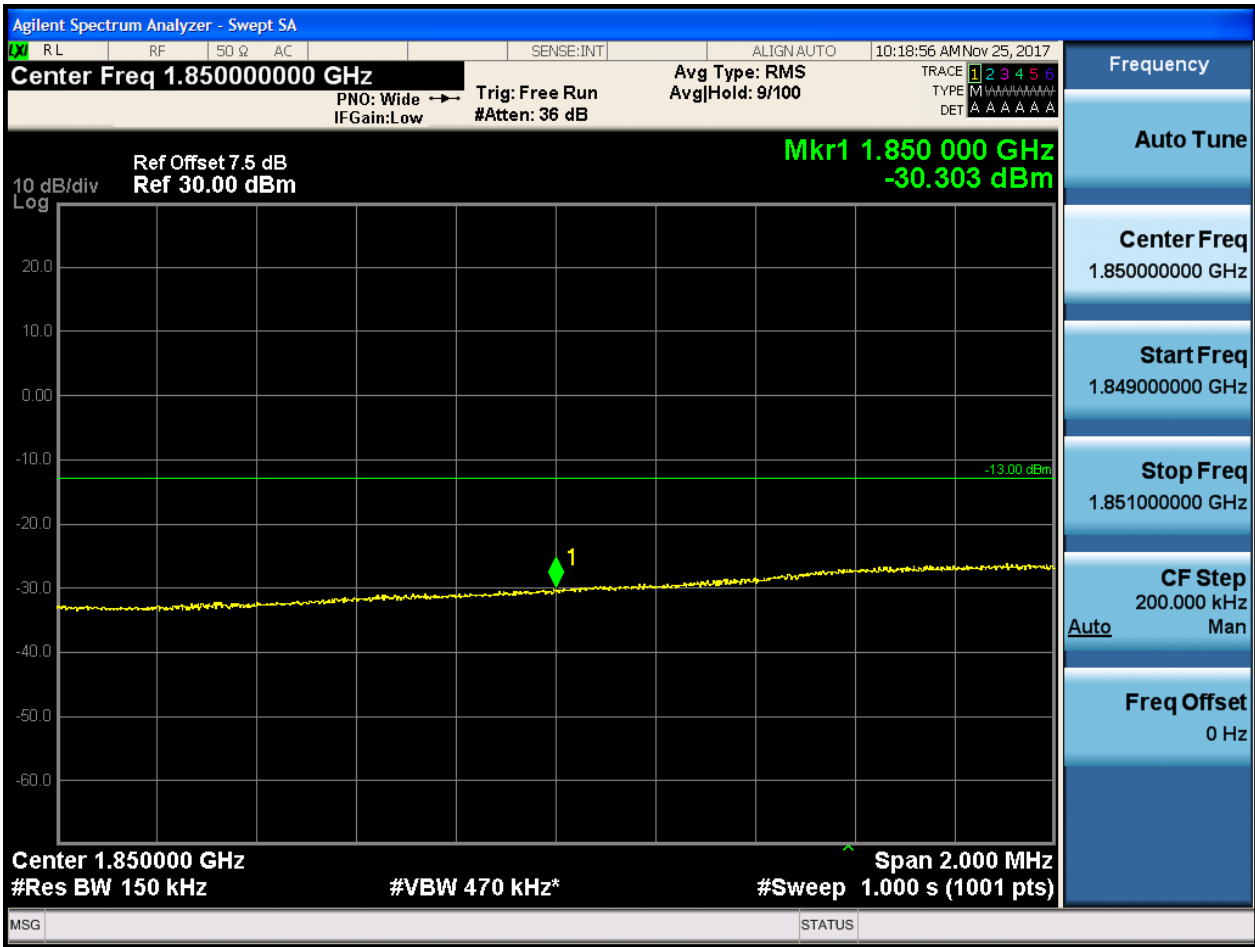


5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





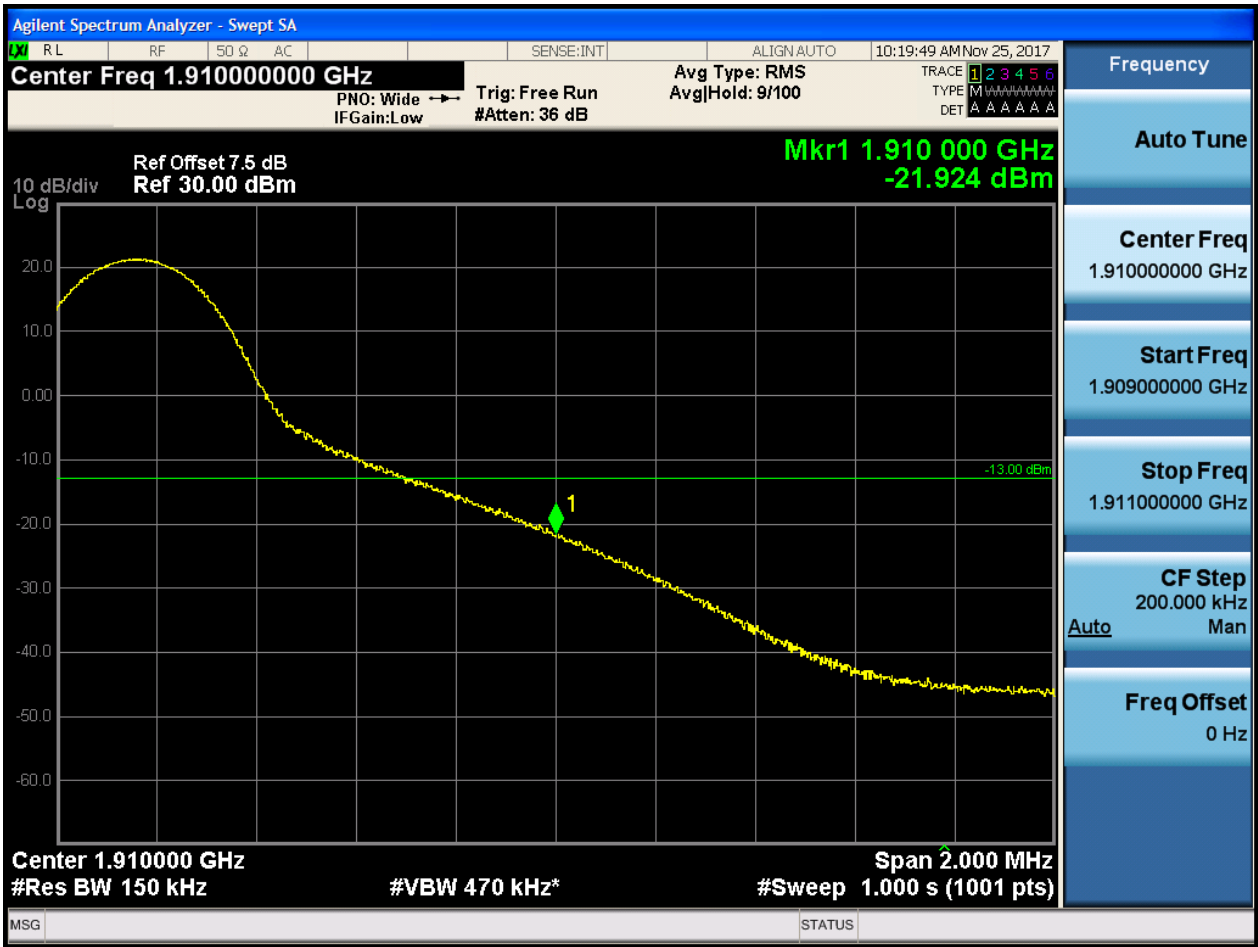
5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





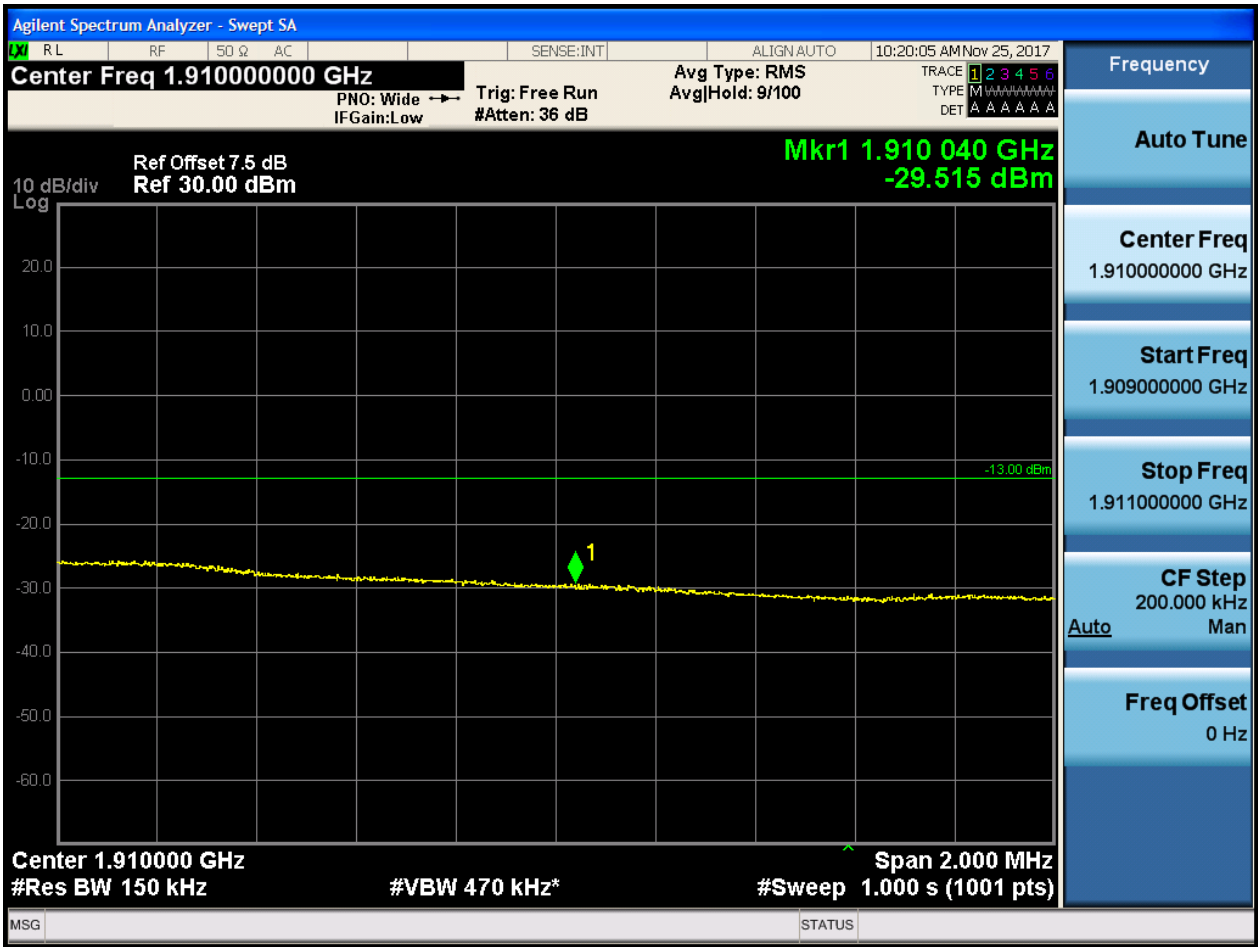
5.1.1.1.5.2.2 Test RB = RB1#74







5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

