



# Appendix for test report

## 1 Appendix\_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	22.83	21.94	33	PASS
				RB1#3	22.7	21.81	33	PASS
				RB1#5	22.82	21.93	33	PASS
				RB3#0	22.67	21.78	33	PASS
				RB3#2	22.49	21.6	33	PASS
				RB3#3	22.71	21.82	33	PASS
				RB6#0	21.72	20.83	33	PASS
			MCH	RB1#0	22.91	22.02	33	PASS
				RB1#3	22.53	21.64	33	PASS
				RB1#5	23.2	22.31	33	PASS
				RB3#0	22.88	21.99	33	PASS
				RB3#2	22.52	21.63	33	PASS
				RB3#3	22.99	22.1	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.68	20.79	33	PASS
			HCH	RB1#0	22.81	21.92	33	PASS
				RB1#3	22.69	21.8	33	PASS
				RB1#5	22.79	21.9	33	PASS
				RB3#0	22.6	21.71	33	PASS
				RB3#2	22.62	21.73	33	PASS
				RB3#3	22.76	21.87	33	PASS
				RB6#0	21.68	20.79	33	PASS
		3		LCH	RB1#0	22.62	21.73	33
			RB1#7		22.36	21.47	33	PASS
			RB1#14		22.65	21.76	33	PASS
			RB8#0		21.56	20.67	33	PASS
			RB8#4		21.67	20.78	33	PASS
			RB8#7		21.65	20.76	33	PASS
			RB15#0		21.7	20.81	33	PASS
			MCH	RB1#0	22.89	22	33	PASS
				RB1#7	22.98	22.09	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#14	22.95	22.06	33	PASS		
				RB8#0	21.81	20.92	33	PASS		
				RB8#4	21.81	20.92	33	PASS		
				RB8#7	21.7	20.81	33	PASS		
				RB15#0	21.98	21.09	33	PASS		
			HCH	RB1#0	22.81	21.92	33	PASS		
				RB1#7	22.39	21.5	33	PASS		
				RB1#14	22.82	21.93	33	PASS		
				RB8#0	21.82	20.93	33	PASS		
				RB8#4	21.59	20.7	33	PASS		
				RB8#7	21.7	20.81	33	PASS		
				RB15#0	21.82	20.93	33	PASS		
				5	LCH	RB1#0	22.78	21.89	33	PASS
						RB1#13	22.69	21.8	33	PASS
		RB1#24				22.86	21.97	33	PASS	
		RB12#0	21.82			20.93	33	PASS		
		RB12#6	21.78			20.89	33	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict			
				RB12#13	21.76	20.87	33	PASS			
				RB25#0	21.77	20.88	33	PASS			
			MCH	RB1#0	22.91	22.02	33	PASS			
				RB1#13	22.87	21.98	33	PASS			
				RB1#24	22.91	22.02	33	PASS			
				RB12#0	21.95	21.06	33	PASS			
				RB12#6	21.86	20.97	33	PASS			
				RB12#13	22	21.11	33	PASS			
				RB25#0	21.95	21.06	33	PASS			
				HCH	RB1#0	23.09	22.2	33	PASS		
			RB1#13		23.03	22.14	33	PASS			
			RB1#24		23.11	22.22	33	PASS			
			RB12#0		22.07	21.18	33	PASS			
			RB12#6		21.96	21.07	33	PASS			
			RB12#13		22.08	21.19	33	PASS			
					10	LCH	RB1#0	22.59	21.7	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.54	21.65	33	PASS
				RB1#49	22.63	21.74	33	PASS
				RB25#0	21.65	20.76	33	PASS
				RB25#13	21.68	20.79	33	PASS
				RB25#25	21.72	20.83	33	PASS
				RB50#0	21.67	20.78	33	PASS
			MCH	RB1#0	22.95	22.06	33	PASS
				RB1#25	22.88	21.99	33	PASS
				RB1#49	23	22.11	33	PASS
				RB25#0	21.89	21	33	PASS
				RB25#13	21.91	21.02	33	PASS
				RB25#25	21.95	21.06	33	PASS
				RB50#0	21.89	21	33	PASS
			HCH	RB1#0	22.98	22.09	33	PASS
				RB1#25	23.06	22.17	33	PASS
				RB1#49	22.94	22.05	33	PASS
				RB25#0	21.94	21.05	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB25#13	21.88	20.99	33	PASS	
				RB25#25	21.86	20.97	33	PASS	
				RB50#0	21.88	20.99	33	PASS	
		15	LCH	RB1#0	22.76	21.87	33	PASS	
				RB1#38	22.81	21.92	33	PASS	
				RB1#74	22.73	21.84	33	PASS	
				RB38#0	21.84	20.95	33	PASS	
				RB38#19	21.79	20.9	33	PASS	
				RB38#39	21.79	20.9	33	PASS	
				RB75#0	21.8	20.91	33	PASS	
				MCH	RB1#0	22.78	21.89	33	PASS
					RB1#38	22.81	21.92	33	PASS
					RB1#74	22.73	21.84	33	PASS
					RB38#0	21.84	20.95	33	PASS
					RB38#19	21.87	20.98	33	PASS
RB38#39	21.94	21.05	33		PASS				
RB75#0	21.77	20.88	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.94	22.05	33	PASS
				RB1#38	23.04	22.15	33	PASS
				RB1#74	22.89	22	33	PASS
				RB38#0	22	21.11	33	PASS
				RB38#19	21.99	21.1	33	PASS
				RB38#39	21.99	21.1	33	PASS
				RB75#0	22	21.11	33	PASS
		20	LCH	RB1#0	22.86	21.97	33	PASS
				RB1#50	22.55	21.66	33	PASS
				RB1#99	22.97	22.08	33	PASS
				RB50#0	21.86	20.97	33	PASS
				RB50#25	21.88	20.99	33	PASS
				RB50#50	21.89	21	33	PASS
				RB100#0	21.91	21.02	33	PASS
				MCH	RB1#0	23.12	22.23	33
RB1#50	22.78	21.89	33		PASS			
RB1#99	23.17	22.28	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.99	21.1	33	PASS
				RB50#25	22.03	21.14	33	PASS
				RB50#50	22.08	21.19	33	PASS
				RB100#0	22.05	21.16	33	PASS
			HCH	RB1#0	23.16	22.27	33	PASS
				RB1#50	22.97	22.08	33	PASS
				RB1#99	23.15	22.26	33	PASS
				RB50#0	22.11	21.22	33	PASS
				RB50#25	22.12	21.23	33	PASS
				RB50#50	22.08	21.19	33	PASS
				RB100#0	22.08	21.19	33	PASS
				LCH	RB1#0	21.99	21.1	33
			RB1#3		21.78	20.89	33	PASS
			RB1#5		21.99	21.1	33	PASS
RB3#0	21.57	20.68	33		PASS			
RB3#2	21.38	20.49	33		PASS			
RB3#3	21.63	20.74	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.69	19.8	33	PASS
			MCH	RB1#0	22.13	21.24	33	PASS
				RB1#3	21.83	20.94	33	PASS
				RB1#5	22.14	21.25	33	PASS
				RB3#0	21.87	20.98	33	PASS
				RB3#2	22.11	21.22	33	PASS
				RB3#3	21.87	20.98	33	PASS
				RB6#0	20.78	19.89	33	PASS
				HCH	RB1#0	22.04	21.15	33
			RB1#3		21.91	21.02	33	PASS
			RB1#5		21.95	21.06	33	PASS
			RB3#0		21.5	20.61	33	PASS
			RB3#2		21.58	20.69	33	PASS
			RB3#3		21.62	20.73	33	PASS
			RB6#0		20.46	19.57	33	PASS
		3	LCH	RB1#0	21.64	20.75	33	PASS
				RB1#7	21.57	20.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.64	20.75	33	PASS
				RB8#0	20.72	19.83	33	PASS
				RB8#4	20.6	19.71	33	PASS
				RB8#7	20.7	19.81	33	PASS
				RB15#0	20.76	19.87	33	PASS
			MCH	RB1#0	22.13	21.24	33	PASS
			MCH	RB1#7	21.98	21.09	33	PASS
			MCH	RB1#14	22.23	21.34	33	PASS
			MCH	RB8#0	20.87	19.98	33	PASS
			MCH	RB8#4	20.77	19.88	33	PASS
			MCH	RB8#7	20.89	20	33	PASS
			MCH	RB15#0	20.85	19.96	33	PASS
			HCH	RB1#0	22.28	21.39	33	PASS
			HCH	RB1#7	21.73	20.84	33	PASS
			HCH	RB1#14	22.19	21.3	33	PASS
			HCH	RB8#0	20.79	19.9	33	PASS
			HCH	RB8#4	20.89	20	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.77	19.88	33	PASS
				RB15#0	20.9	20.01	33	PASS
		5	LCH	RB1#0	21.92	21.03	33	PASS
				RB1#13	21.94	21.05	33	PASS
				RB1#24	21.89	21	33	PASS
				RB12#0	20.69	19.8	33	PASS
				RB12#6	20.64	19.75	33	PASS
				RB12#13	20.7	19.81	33	PASS
				RB25#0	20.59	19.7	33	PASS
				MCH	RB1#0	22.18	21.29	33
			RB1#13		22.32	21.43	33	PASS
			RB1#24		22.21	21.32	33	PASS
			RB12#0		21.01	20.12	33	PASS
			RB12#6		20.99	20.1	33	PASS
			RB12#13		21.07	20.18	33	PASS
			RB25#0		20.92	20.03	33	PASS
		HCH	RB1#0	22.47	21.58	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#13	22.34	21.45	33	PASS	
				RB1#24	22.41	21.52	33	PASS	
				RB12#0	21.02	20.13	33	PASS	
				RB12#6	20.95	20.06	33	PASS	
				RB12#13	21.03	20.14	33	PASS	
				RB25#0	20.99	20.1	33	PASS	
		10	LCH	RB1#0	21.93	21.04	33	PASS	
				RB1#25	21.7	20.81	33	PASS	
				RB1#49	21.92	21.03	33	PASS	
				RB25#0	20.81	19.92	33	PASS	
				RB25#13	20.75	19.86	33	PASS	
				RB25#25	20.87	19.98	33	PASS	
				RB50#0	20.83	19.94	33	PASS	
				MCH	RB1#0	22.02	21.13	33	PASS
					RB1#25	22.06	21.17	33	PASS
					RB1#49	22.01	21.12	33	PASS
RB25#0	20.88	19.99	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.9	20.01	33	PASS
				RB25#25	20.9	20.01	33	PASS
				RB50#0	20.82	19.93	33	PASS
			HCH	RB1#0	22.17	21.28	33	PASS
				RB1#25	22.02	21.13	33	PASS
				RB1#49	22.15	21.26	33	PASS
				RB25#0	20.87	19.98	33	PASS
				RB25#13	20.92	20.03	33	PASS
				RB25#25	20.88	19.99	33	PASS
		RB50#0	20.92	20.03	33	PASS		
		15	LCH	RB1#0	21.86	20.97	33	PASS
				RB1#38	21.98	21.09	33	PASS
				RB1#74	21.96	21.07	33	PASS
				RB38#0	20.72	19.83	33	PASS
				RB38#19	20.72	19.83	33	PASS
RB38#39	20.7			19.81	33	PASS		
RB75#0	20.77	19.88	33	PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.83	20.94	33	PASS
				RB1#38	21.91	21.02	33	PASS
				RB1#74	21.84	20.95	33	PASS
				RB38#0	20.77	19.88	33	PASS
				RB38#19	20.79	19.9	33	PASS
				RB38#39	20.84	19.95	33	PASS
				RB75#0	20.69	19.8	33	PASS
			HCH	RB1#0	21.99	21.1	33	PASS
				RB1#38	22.09	21.2	33	PASS
				RB1#74	21.97	21.08	33	PASS
				RB38#0	20.9	20.01	33	PASS
				RB38#19	20.88	19.99	33	PASS
				RB38#39	20.94	20.05	33	PASS
				RB75#0	20.88	19.99	33	PASS
		20	LCH	RB1#0	22.06	21.17	33	PASS
				RB1#50	21.96	21.07	33	PASS
				RB1#99	22.26	21.37	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.69	19.8	33	PASS
				RB50#25	20.65	19.76	33	PASS
				RB50#50	20.62	19.73	33	PASS
				RB100#0	20.63	19.74	33	PASS
			MCH	RB1#0	22.16	21.27	33	PASS
				RB1#50	21.48	20.59	33	PASS
				RB1#99	22.21	21.32	33	PASS
				RB50#0	20.98	20.09	33	PASS
				RB50#25	20.96	20.07	33	PASS
				RB50#50	21.01	20.12	33	PASS
				RB100#0	20.96	20.07	33	PASS
			HCH	RB1#0	22.26	21.37	33	PASS
				RB1#50	22.19	21.3	33	PASS
				RB1#99	22.26	21.37	33	PASS
				RB50#0	20.9	20.01	33	PASS
				RB50#25	20.89	20	33	PASS
				RB50#50	20.93	20.04	33	PASS





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.8	20.91	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	3.49	13	PASS
				RB1#3	3.76	13	PASS
				RB1#5	3.67	13	PASS
				RB3#0	4.05	13	PASS
				RB3#2	3.96	13	PASS
				RB3#3	4.05	13	PASS
				RB6#0	4.84	13	PASS
			MCH	RB1#0	4.4	13	PASS
				RB1#3	4.54	13	PASS
				RB1#5	4.45	13	PASS
				RB3#0	5.38	13	PASS
				RB3#2	5.4	13	PASS
				RB3#3	5.54	13	PASS
				RB6#0	5.92	13	PASS
		HCH	RB1#0	3.94	13	PASS	
			RB1#3	4.17	13	PASS	
			RB1#5	3.66	13	PASS	
			RB3#0	4.43	13	PASS	
			RB3#2	4.27	13	PASS	
			RB3#3	4.17	13	PASS	
			RB6#0	5.51	13	PASS	
		3	LCH	RB1#0	3.4	13	PASS
				RB1#7	4.03	13	PASS
				RB1#14	4.03	13	PASS
				RB8#0	4.8	13	PASS
				RB8#4	4.72	13	PASS
				RB8#7	5.05	13	PASS
				RB15#0	5.12	13	PASS
MCH	RB1#0		4.44	13	PASS		
	RB1#7		4.78	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#14	4.57	13	PASS	
				RB8#0	5.98	13	PASS	
				RB8#4	5.86	13	PASS	
				RB8#7	5.82	13	PASS	
				RB15#0	5.98	13	PASS	
			HCH	RB1#0	4.35	13	PASS	
				RB1#7	4.58	13	PASS	
				RB1#14	3.67	13	PASS	
				RB8#0	5.32	13	PASS	
				RB8#4	5.37	13	PASS	
				RB8#7	5.4	13	PASS	
				RB15#0	5.57	13	PASS	
			5	LCH	RB1#0	3.62	13	PASS
					RB1#13	3.96	13	PASS
		RB1#24			4.3	13	PASS	
		RB12#0			4.69	13	PASS	
		RB12#6			4.83	13	PASS	
		RB12#13			5.15	13	PASS	
		RB25#0			5.67	13	PASS	
		MCH		RB1#0	4.66	13	PASS	
				RB1#13	4.79	13	PASS	
				RB1#24	4.69	13	PASS	
				RB12#0	5.88	13	PASS	
				RB12#6	5.85	13	PASS	
				RB12#13	5.75	13	PASS	
				RB25#0	5.93	13	PASS	
		HCH	RB1#0	4.69	13	PASS		
			RB1#13	4.28	13	PASS		
			RB1#24	3.79	13	PASS		
			RB12#0	5.31	13	PASS		
			RB12#6	5.3	13	PASS		
			RB12#13	5.25	13	PASS		
			RB25#0	5.96	13	PASS		
10	LCH	RB1#0	3.53	13	PASS			
		RB1#25	4.51	13	PASS			
		RB1#49	4.61	13	PASS			
		RB25#0	5.15	13	PASS			
		RB25#13	5.37	13	PASS			
		RB25#25	5.73	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.79	13	PASS
			MCH	RB1#0	4.15	13	PASS
				RB1#25	4.63	13	PASS
				RB1#49	4.49	13	PASS
				RB25#0	5.75	13	PASS
				RB25#13	5.76	13	PASS
				RB25#25	5.75	13	PASS
				RB50#0	5.93	13	PASS
			HCH	RB1#0	4.34	13	PASS
				RB1#25	4.53	13	PASS
				RB1#49	3.83	13	PASS
				RB25#0	5.36	13	PASS
				RB25#13	5.23	13	PASS
				RB25#25	5.39	13	PASS
		15	LCH	RB1#0	3.61	13	PASS
				RB1#38	4.64	13	PASS
				RB1#74	4.72	13	PASS
				RB38#0	5.43	13	PASS
				RB38#19	5.76	13	PASS
				RB38#39	5.94	13	PASS
				RB75#0	6.28	13	PASS
			MCH	RB1#0	4.85	13	PASS
				RB1#38	4.81	13	PASS
				RB1#74	4.68	13	PASS
				RB38#0	5.82	13	PASS
				RB38#19	5.9	13	PASS
				RB38#39	5.75	13	PASS
				RB75#0	6.25	13	PASS
		HCH	RB1#0	4.46	13	PASS	
			RB1#38	4.43	13	PASS	
			RB1#74	3.98	13	PASS	
			RB38#0	5.7	13	PASS	
			RB38#19	5.37	13	PASS	
			RB38#39	5.51	13	PASS	
			RB75#0	6.21	13	PASS	
		20	LCH	RB1#0	3.55	13	PASS
				RB1#50	4.91	13	PASS
				RB1#99	4.53	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.69	13	PASS
				RB50#25	5.94	13	PASS
				RB50#50	5.7	13	PASS
				RB100#0	6.23	13	PASS
			MCH	RB1#0	4.68	13	PASS
				RB1#50	4.91	13	PASS
				RB1#99	4.49	13	PASS
				RB50#0	5.9	13	PASS
				RB50#25	5.84	13	PASS
				RB50#50	5.99	13	PASS
			HCH	RB100#0	6.2	13	PASS
				RB1#0	4.36	13	PASS
				RB1#50	4.49	13	PASS
				RB1#99	4.11	13	PASS
				RB50#0	5.83	13	PASS
				RB50#25	5.44	13	PASS
	LTE/TM2	1.4	LCH	RB50#50	5.48	13	PASS
				RB100#0	6.38	13	PASS
				RB1#0	4.32	13	PASS
				RB1#3	4.48	13	PASS
				RB1#5	4.41	13	PASS
				RB3#0	4.68	13	PASS
			MCH	RB3#2	4.77	13	PASS
				RB3#3	4.71	13	PASS
				RB6#0	5.81	13	PASS
				RB1#0	5.66	13	PASS
				RB1#3	5.75	13	PASS
				RB1#5	5.57	13	PASS
			HCH	RB3#0	6.06	13	PASS
				RB3#2	6.1	13	PASS
				RB3#3	6.13	13	PASS
				RB6#0	6.58	13	PASS
RB1#0	4.75	13		PASS			
RB1#3	4.76	13		PASS			
			RB1#5	4.48	13	PASS	
			RB3#0	5.58	13	PASS	
			RB3#2	5.42	13	PASS	
			RB3#3	5.43	13	PASS	
			RB6#0	6.45	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	4.1	13	PASS
				RB1#7	4.57	13	PASS
				RB1#14	4.68	13	PASS
				RB8#0	5.46	13	PASS
				RB8#4	5.44	13	PASS
				RB8#7	5.66	13	PASS
				RB15#0	5.9	13	PASS
			MCH	RB1#0	5.66	13	PASS
				RB1#7	5.58	13	PASS
				RB1#14	5.49	13	PASS
				RB8#0	6.55	13	PASS
				RB8#4	6.47	13	PASS
				RB8#7	6.52	13	PASS
				RB15#0	6.66	13	PASS
			HCH	RB1#0	4.97	13	PASS
				RB1#7	5.31	13	PASS
				RB1#14	4.35	13	PASS
				RB8#0	6.28	13	PASS
		RB8#4		6.28	13	PASS	
		RB8#7		6.25	13	PASS	
		5	LCH	RB1#0	4.23	13	PASS
				RB1#13	4.69	13	PASS
				RB1#24	5.03	13	PASS
				RB12#0	5.43	13	PASS
				RB12#6	5.51	13	PASS
				RB12#13	5.76	13	PASS
				RB25#0	6.08	13	PASS
			MCH	RB1#0	5.6	13	PASS
				RB1#13	5.52	13	PASS
				RB1#24	5.33	13	PASS
				RB12#0	6.7	13	PASS
				RB12#6	6.46	13	PASS
				RB12#13	6.46	13	PASS
			HCH	RB25#0	6.88	13	PASS
				RB1#0	5	13	PASS
				RB1#13	4.89	13	PASS
RB1#24	4.49			13	PASS		
					RB12#0	6.36	13

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	6.25	13	PASS
				RB12#13	6.29	13	PASS
				RB25#0	6.5	13	PASS
			LCH	RB1#0	4.25	13	PASS
				RB1#25	5.11	13	PASS
				RB1#49	5.91	13	PASS
				RB25#0	5.8	13	PASS
				RB25#13	5.98	13	PASS
				RB25#25	6.52	13	PASS
		RB50#0		6.48	13	PASS	
		MCH	RB1#0	5.58	13	PASS	
			RB1#25	5.91	13	PASS	
			RB1#49	5.41	13	PASS	
			RB25#0	6.65	13	PASS	
			RB25#13	6.41	13	PASS	
			RB25#25	6.42	13	PASS	
		HCH	RB50#0	6.81	13	PASS	
			RB1#0	4.88	13	PASS	
			RB1#25	5.15	13	PASS	
			RB1#49	4.47	13	PASS	
			RB25#0	6.51	13	PASS	
			RB25#13	6.48	13	PASS	
		15	LCH	RB25#25	6.56	13	PASS
				RB50#0	6.94	13	PASS
				RB1#0	4.56	13	PASS
				RB1#38	5.45	13	PASS
				RB1#74	5.66	13	PASS
				RB38#0	6.1	13	PASS
				RB38#19	6.44	13	PASS
			MCH	RB38#39	6.71	13	PASS
RB75#0	6.94			13	PASS		
RB1#0	5.7			13	PASS		
RB1#38	5.83			13	PASS		
RB1#74	5.47			13	PASS		
RB38#0	6.64			13	PASS		
RB38#19	6.53			13	PASS		
HCH	RB38#39		6.56	13	PASS		
RB75#0	6.87	13	PASS				
HCH	RB1#0	4.95	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#38	4.83	13	PASS	
				RB1#74	4.67	13	PASS	
				RB38#0	6.6	13	PASS	
				RB38#19	6.51	13	PASS	
				RB38#39	6.65	13	PASS	
				RB75#0	6.98	13	PASS	
				LCH	RB1#0	4.26	13	PASS
					RB1#50	5.61	13	PASS
					RB1#99	5.36	13	PASS
					RB50#0	6.23	13	PASS
					RB50#25	6.62	13	PASS
					RB50#50	6.63	13	PASS
					RB100#0	6.98	13	PASS
				MCH	RB1#0	5.38	13	PASS
		RB1#50	5.81		13	PASS		
		RB1#99	5.17		13	PASS		
		RB50#0	6.55		13	PASS		
		RB50#25	6.41		13	PASS		
		RB50#50	6.64		13	PASS		
		RB100#0	6.81		13	PASS		
		HCH	RB1#0	5.05	13	PASS		
			RB1#50	5.45	13	PASS		
			RB1#99	4.98	13	PASS		
			RB50#0	6.58	13	PASS		
			RB50#25	6.44	13	PASS		
			RB50#50	6.59	13	PASS		
			RB100#0	7.19	13	PASS		



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

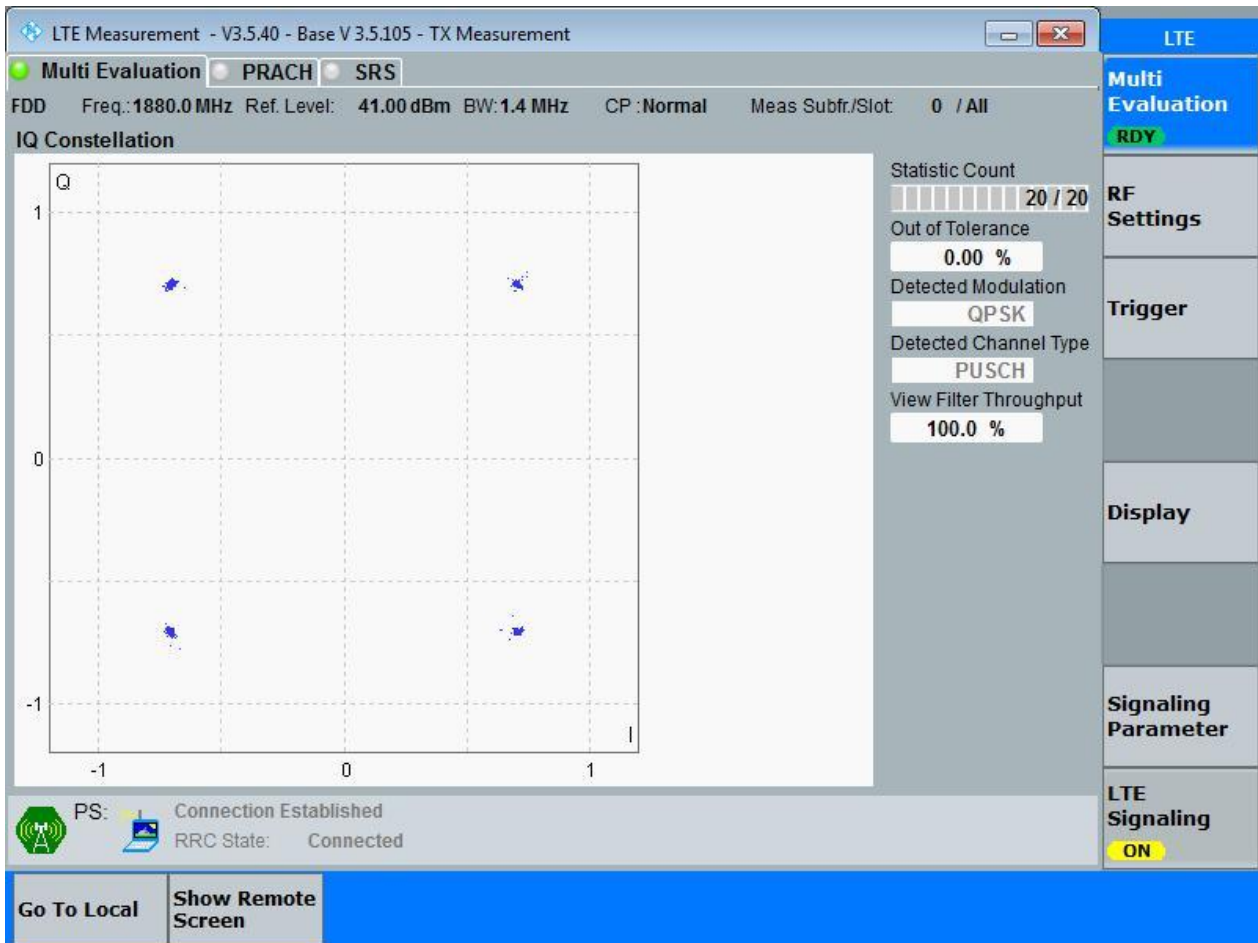
##### 3.1.1 Test Band = BAND2

##### 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

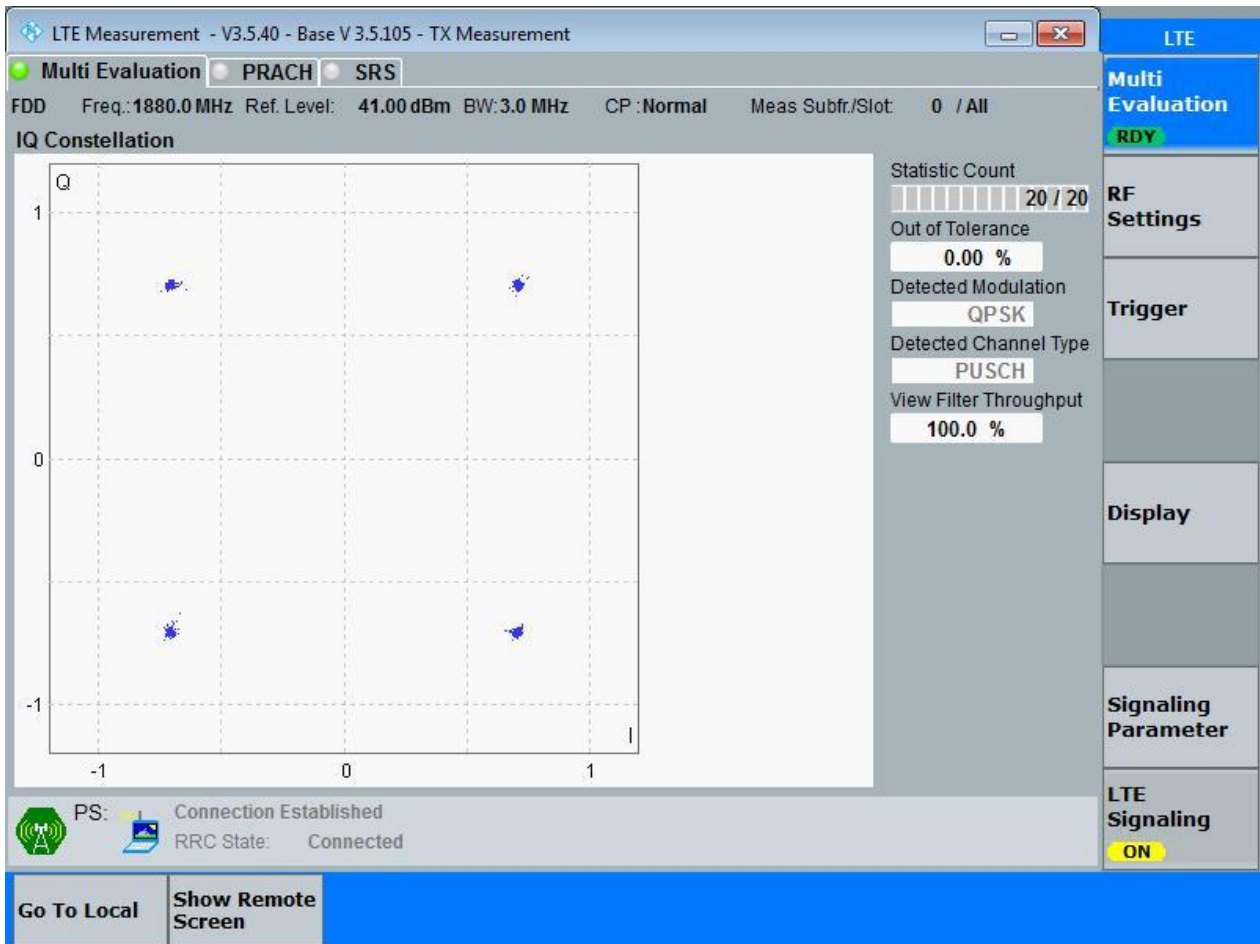
##### 3.1.1.1.1.1.1 Test RB = RB#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

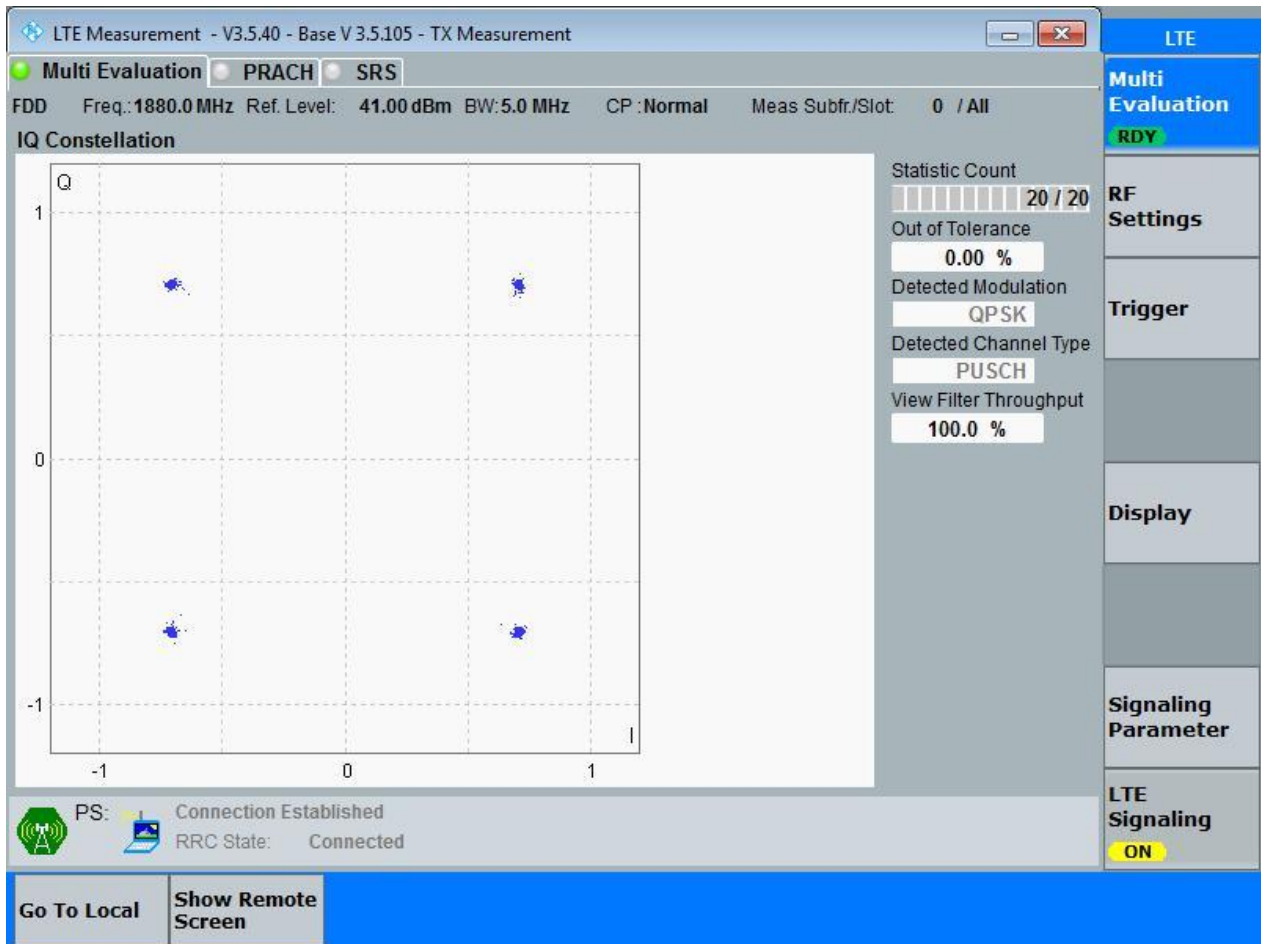
##### 3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

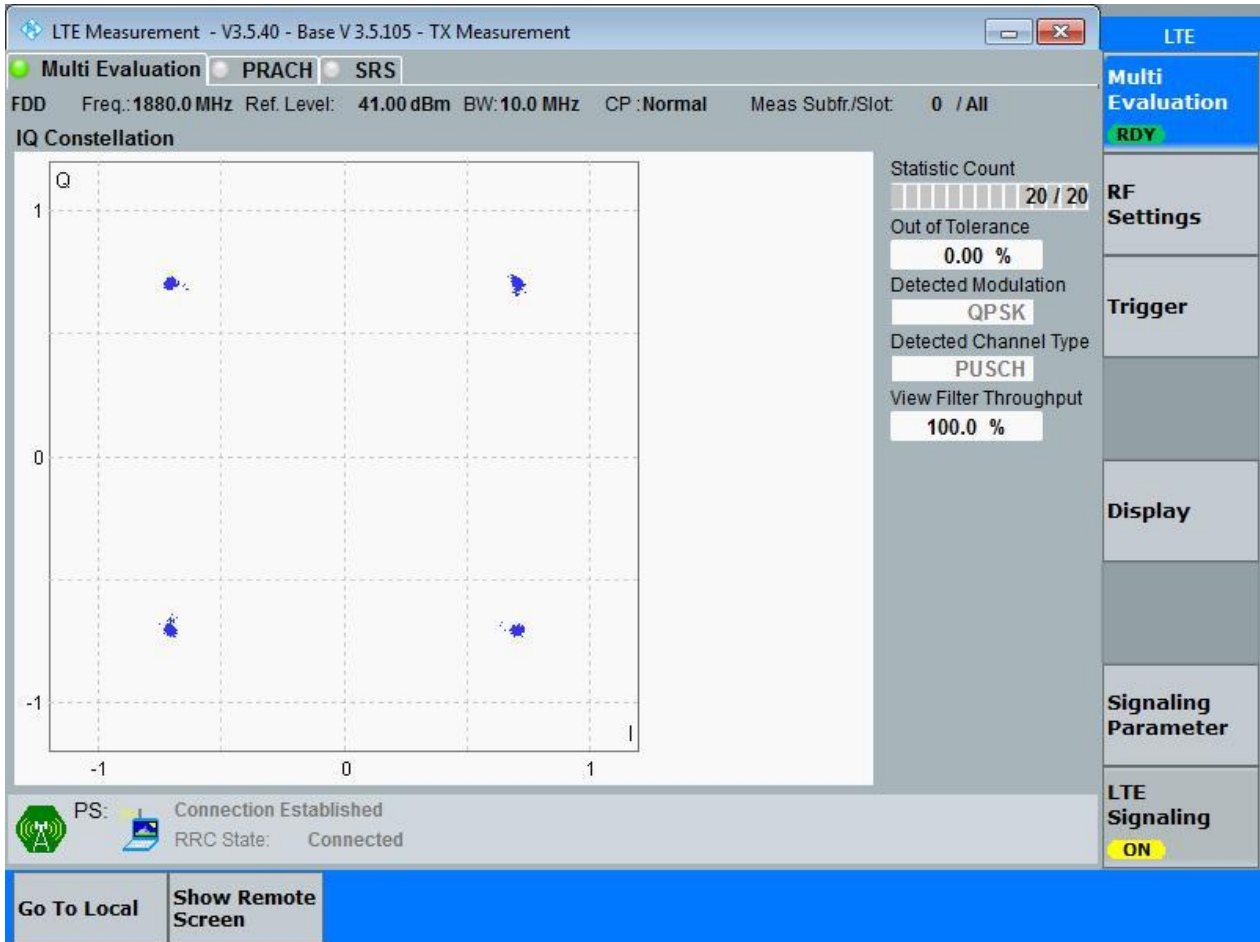
3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

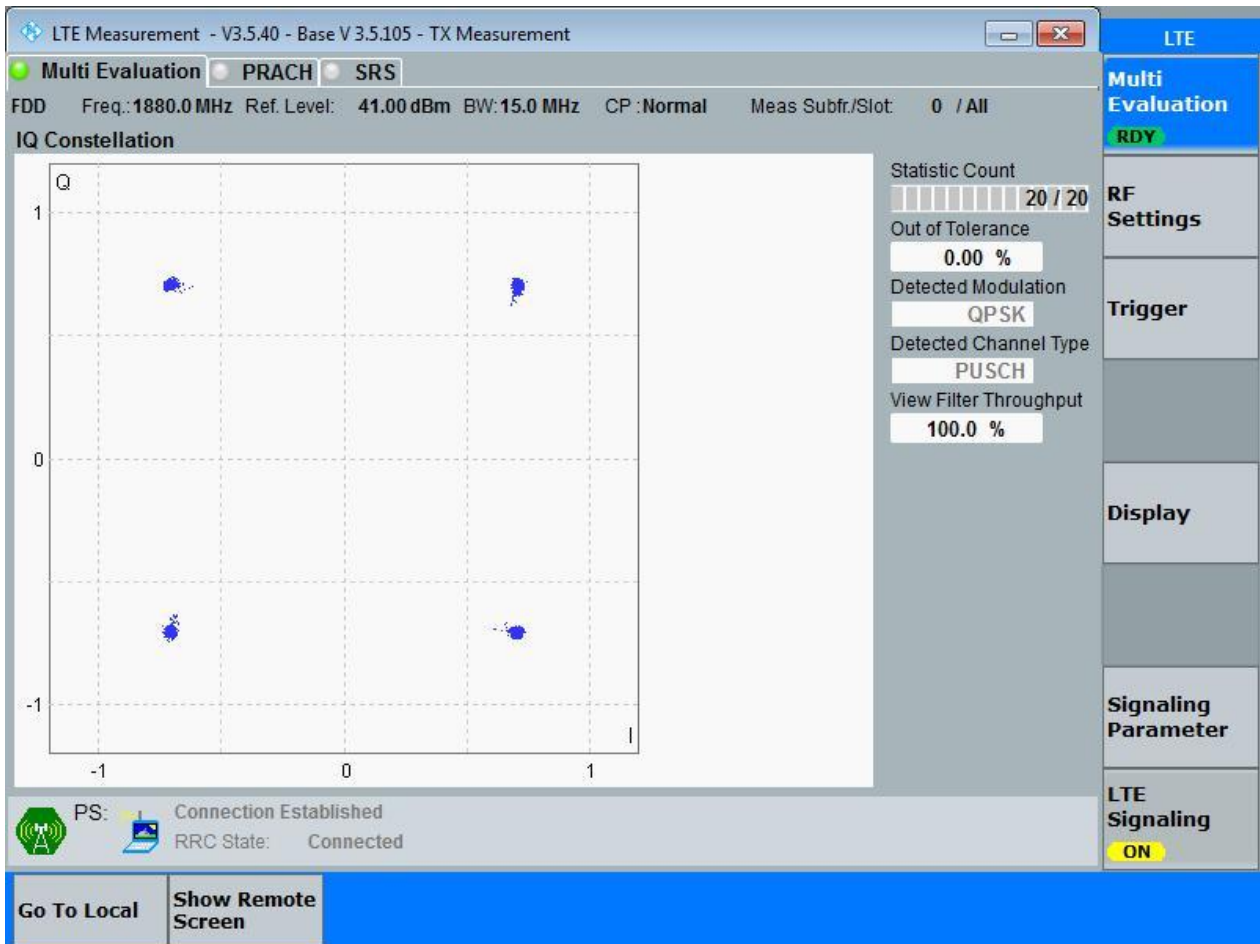
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

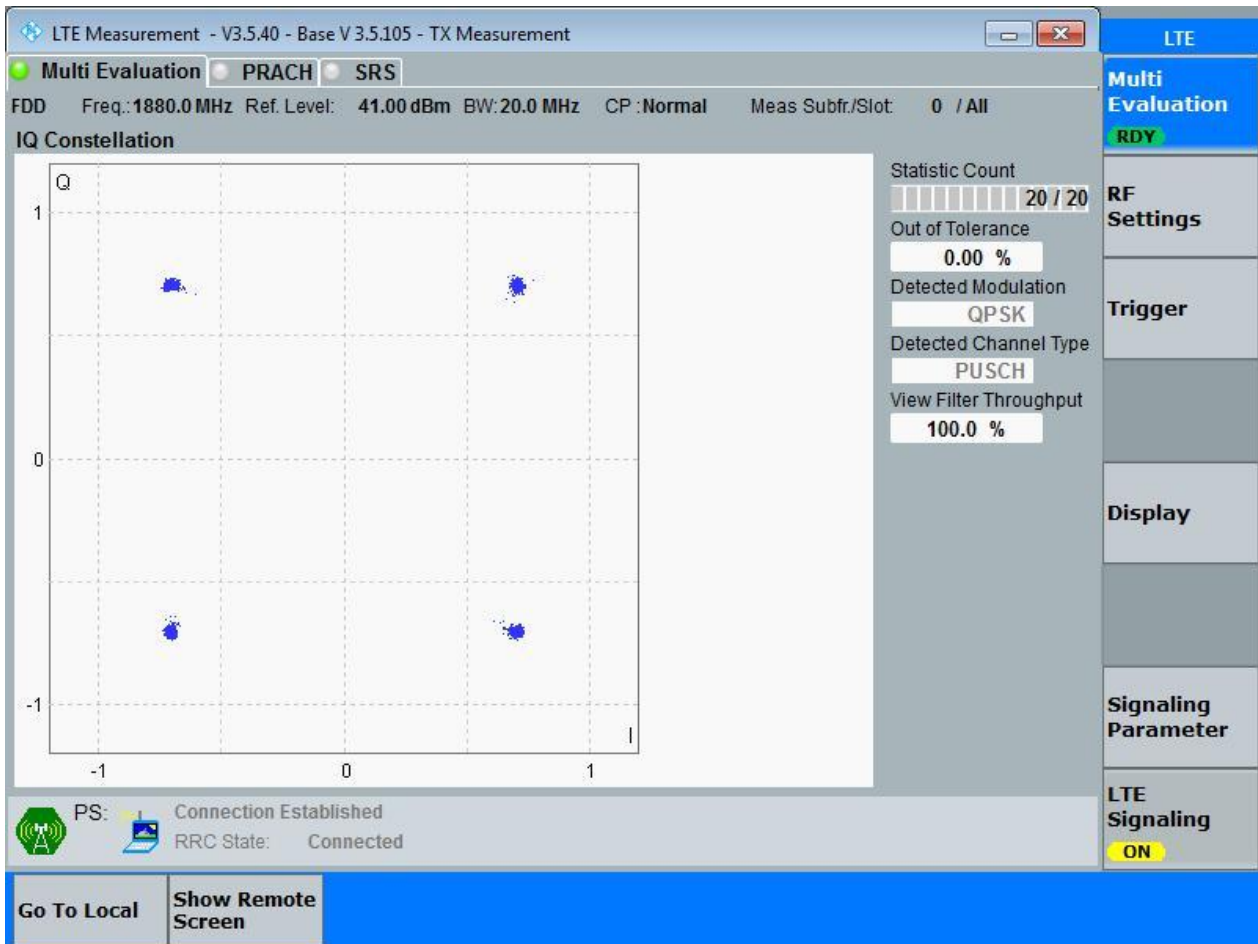
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 3.1.1.1.6 Test Bandwidth = 20

#### 3.1.1.1.6.1 Test Channel = MCH

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

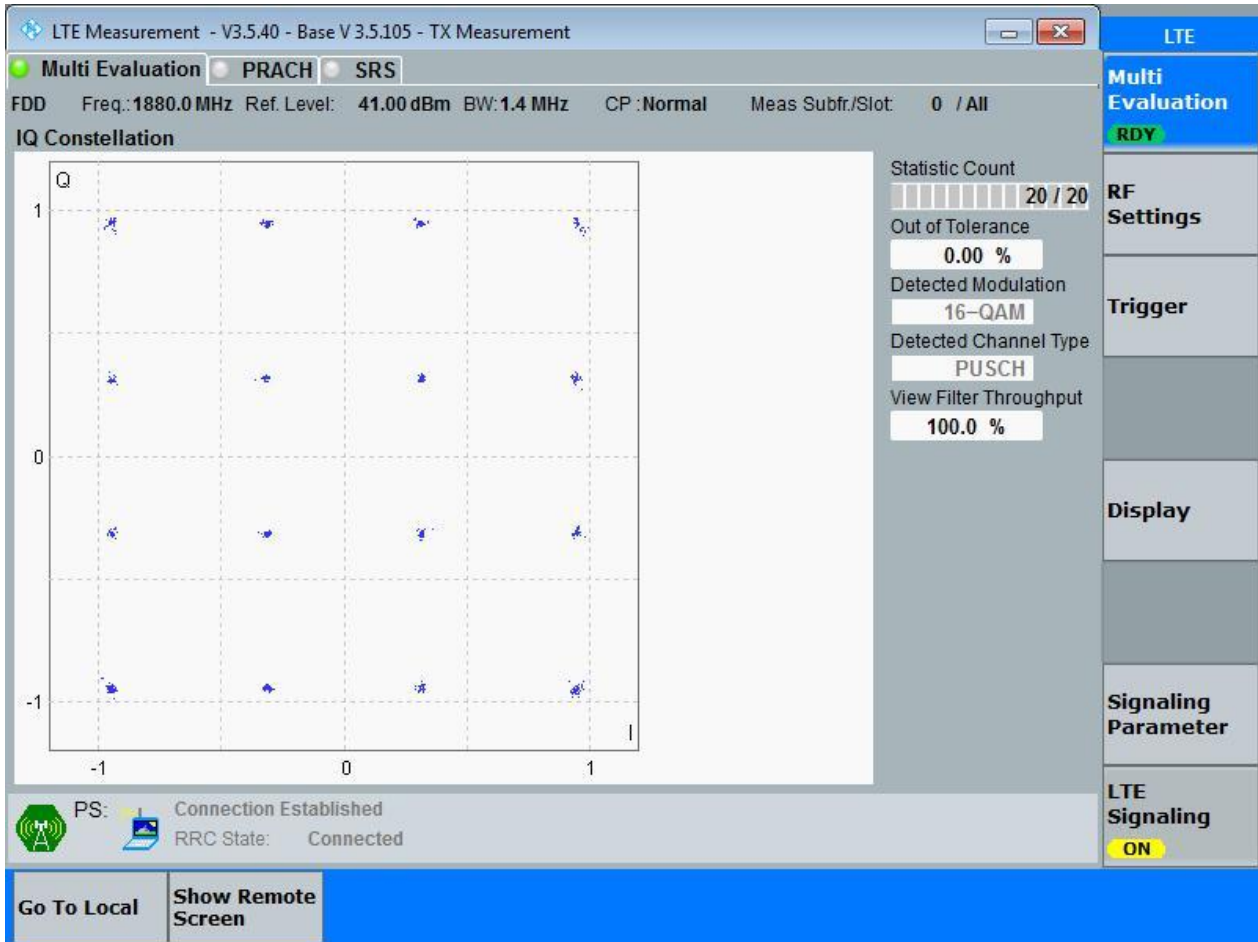


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

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

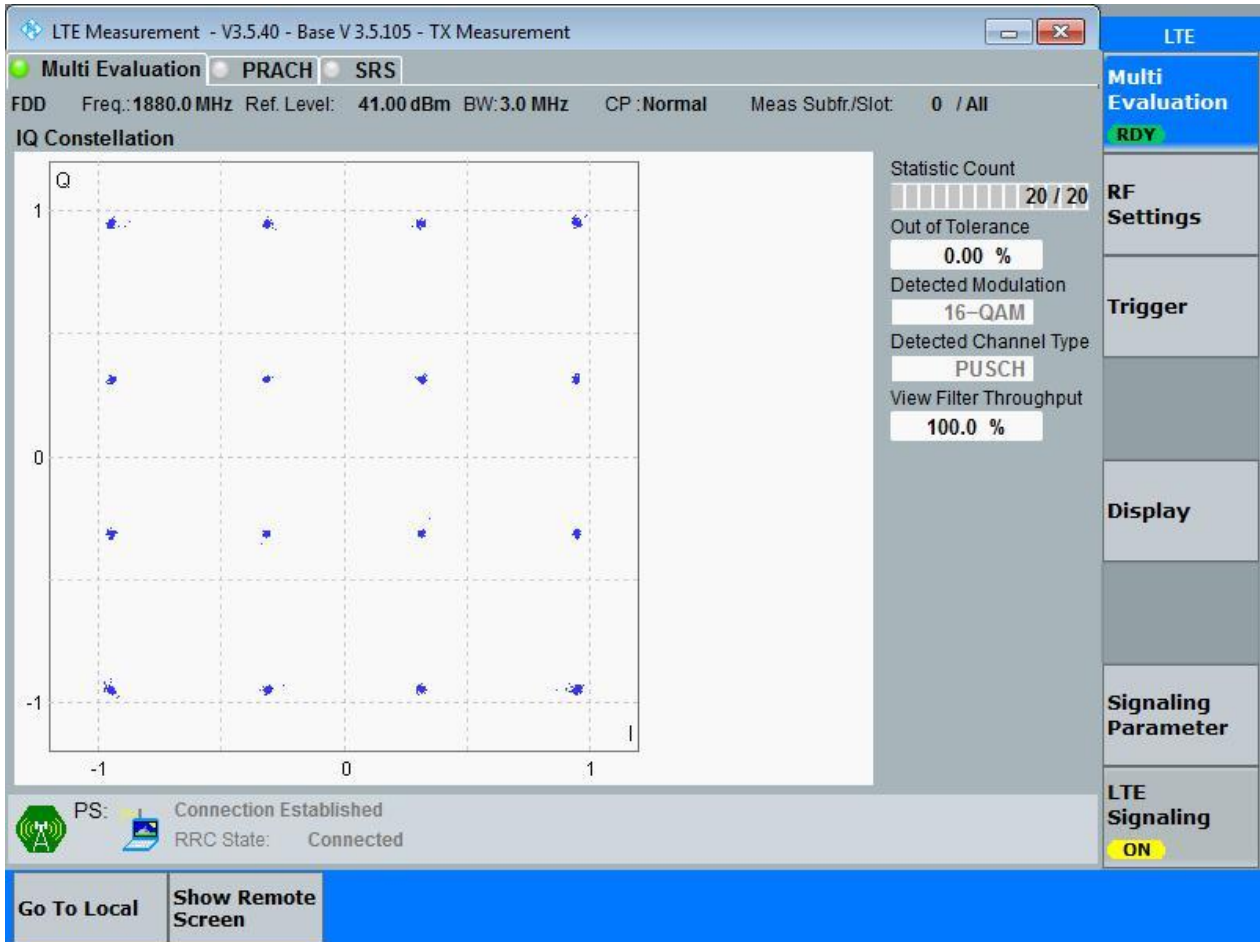




### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

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

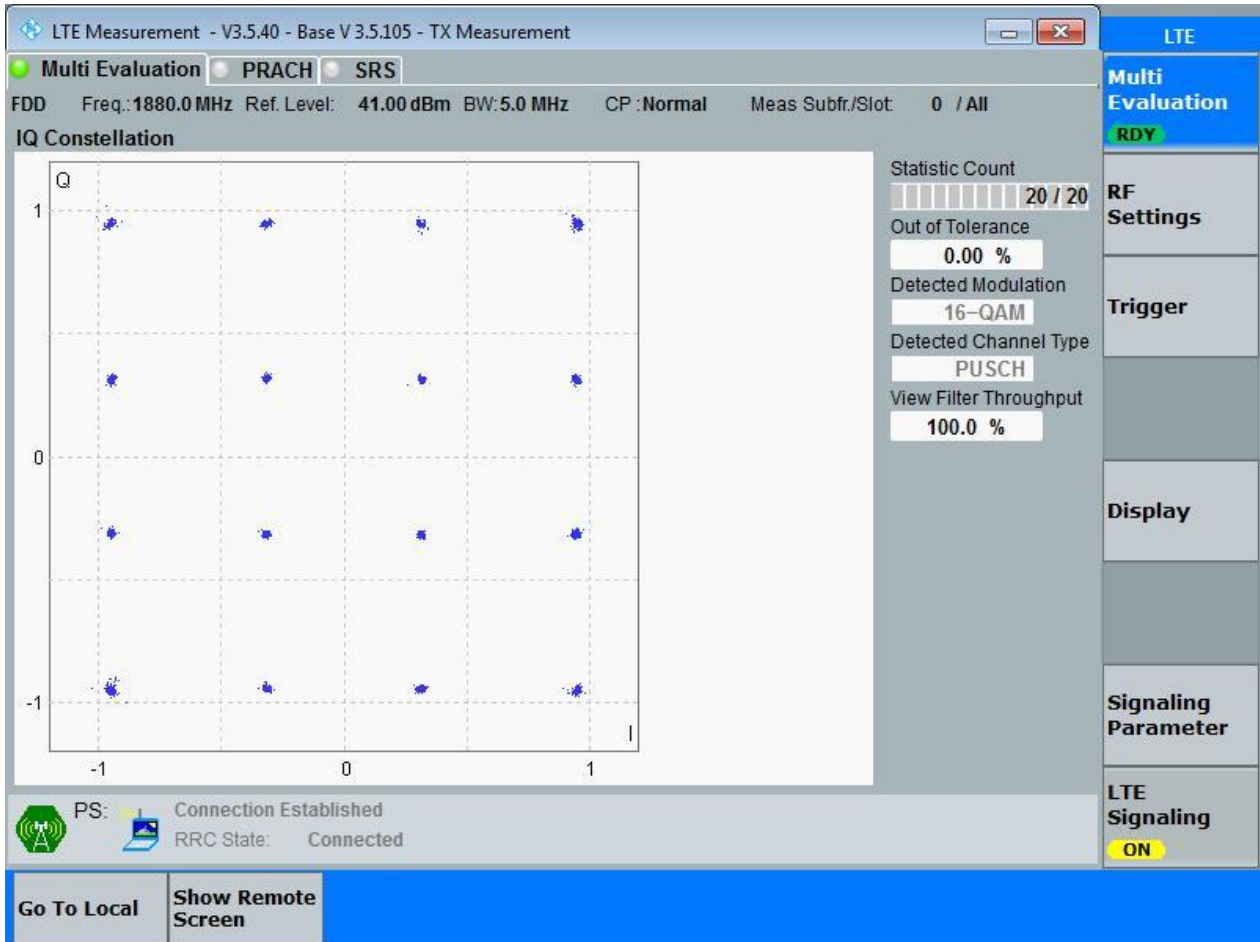




3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

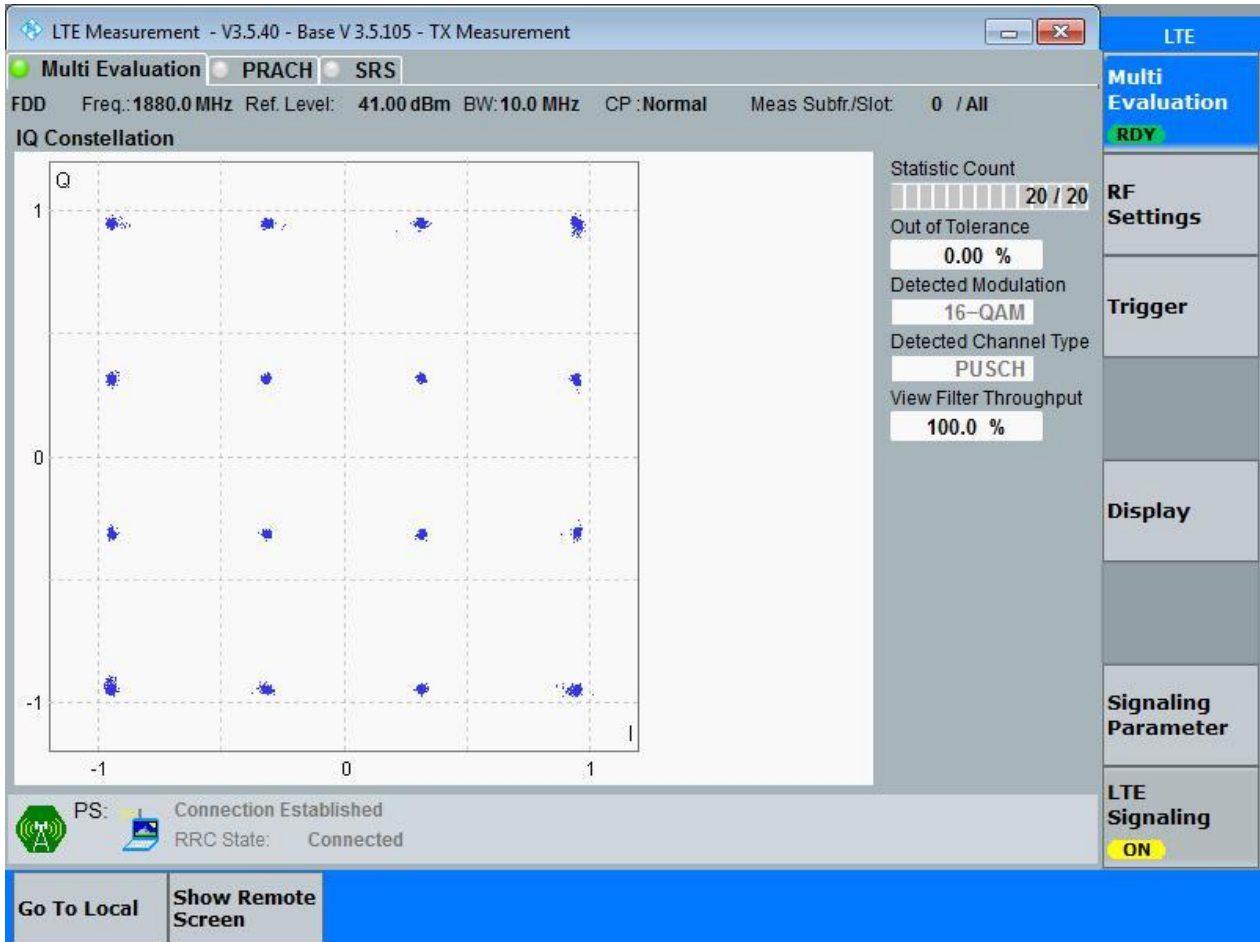
3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

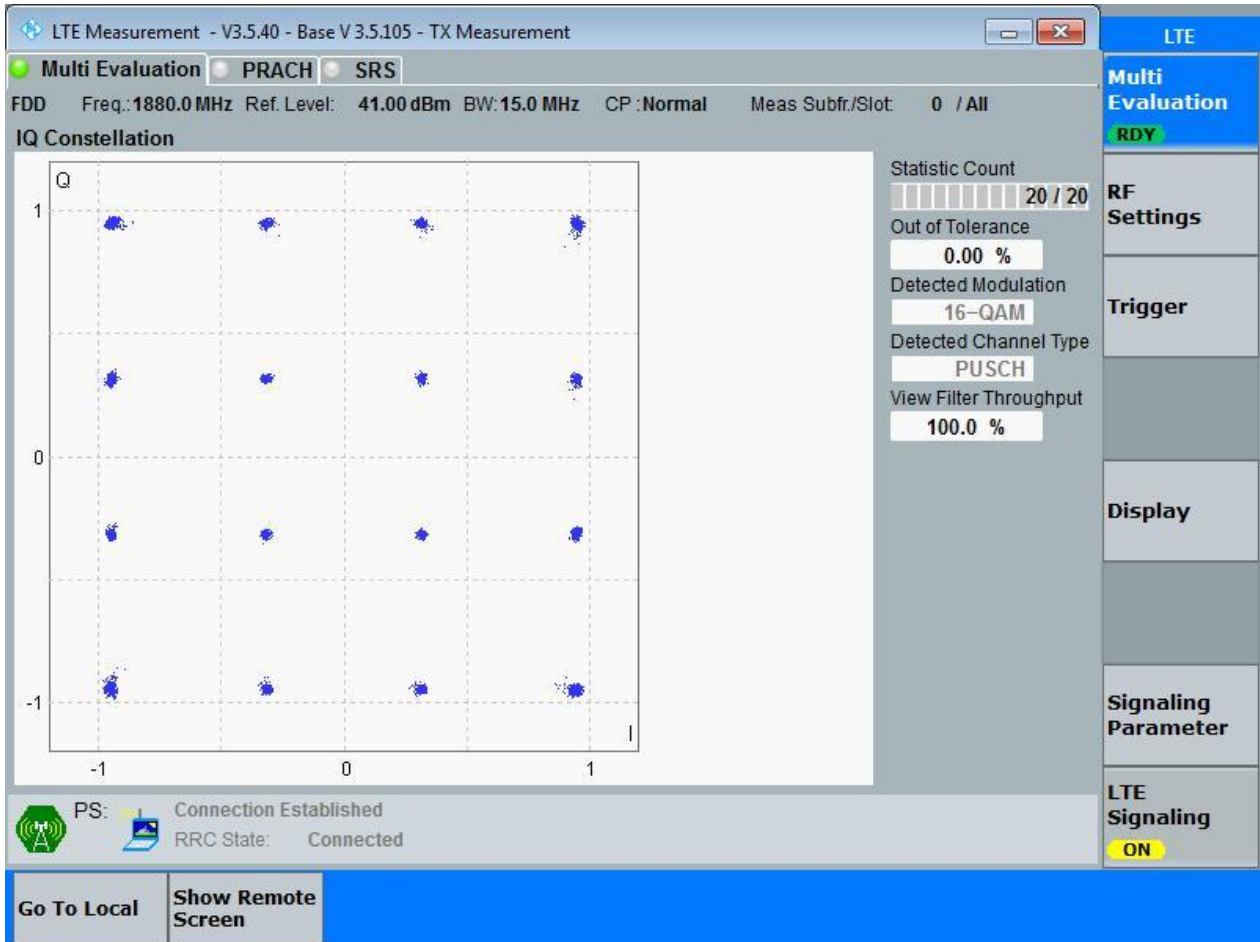
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

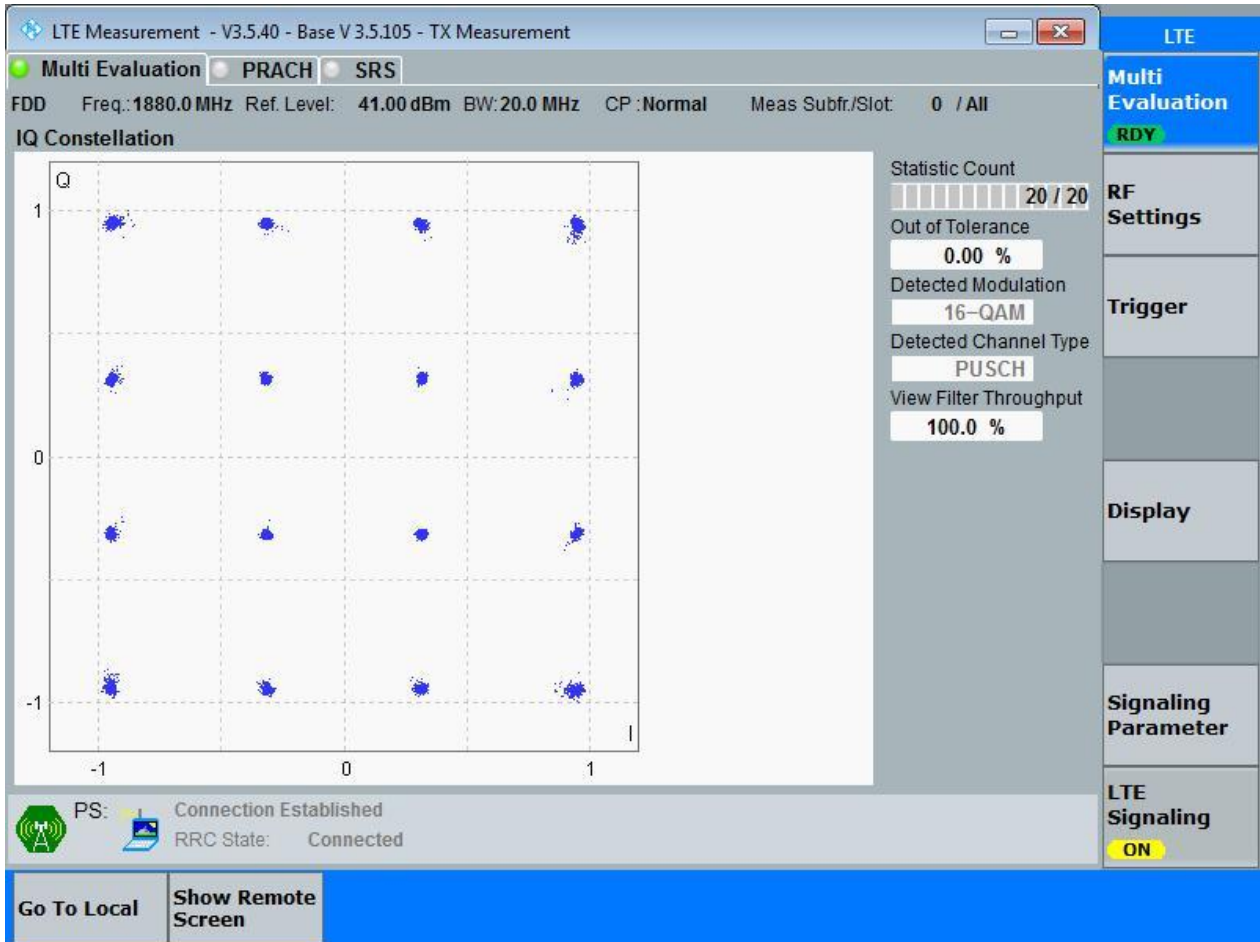
##### 3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0





## 4Appendix\_D: Bandwidth

### Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	3.00	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	9.00	9.89	Pass
			MCH	RB50#0	9.00	9.87	Pass
			HCH	RB50#0	9.03	9.94	Pass
		15	LCH	RB75#0	13.50	14.98	Pass
			MCH	RB75#0	13.50	14.93	Pass
			HCH	RB75#0	13.56	15.09	Pass
		20	LCH	RB100#0	18.00	19.77	Pass
			MCH	RB100#0	18.02	19.76	Pass
			HCH	RB100#0	18.08	19.85	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.27	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.97	Pass
			MCH	RB15#0	2.70	2.98	Pass
			HCH	RB15#0	2.72	2.98	Pass
		5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.51	4.95	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	9.00	9.91	Pass
			MCH	RB50#0	8.99	9.92	Pass
			HCH	RB50#0	9.02	9.95	Pass
15	LCH	RB75#0	13.49	14.97	Pass		
	MCH	RB75#0	13.51	14.92	Pass		

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB75#0	13.57	15.06	Pass
		20	LCH	RB100#0	17.99	19.85	Pass
			MCH	RB100#0	18.02	19.73	Pass
			HCH	RB100#0	18.05	19.71	Pass

**Part II - Test Plots**

**4.1 For LTE**

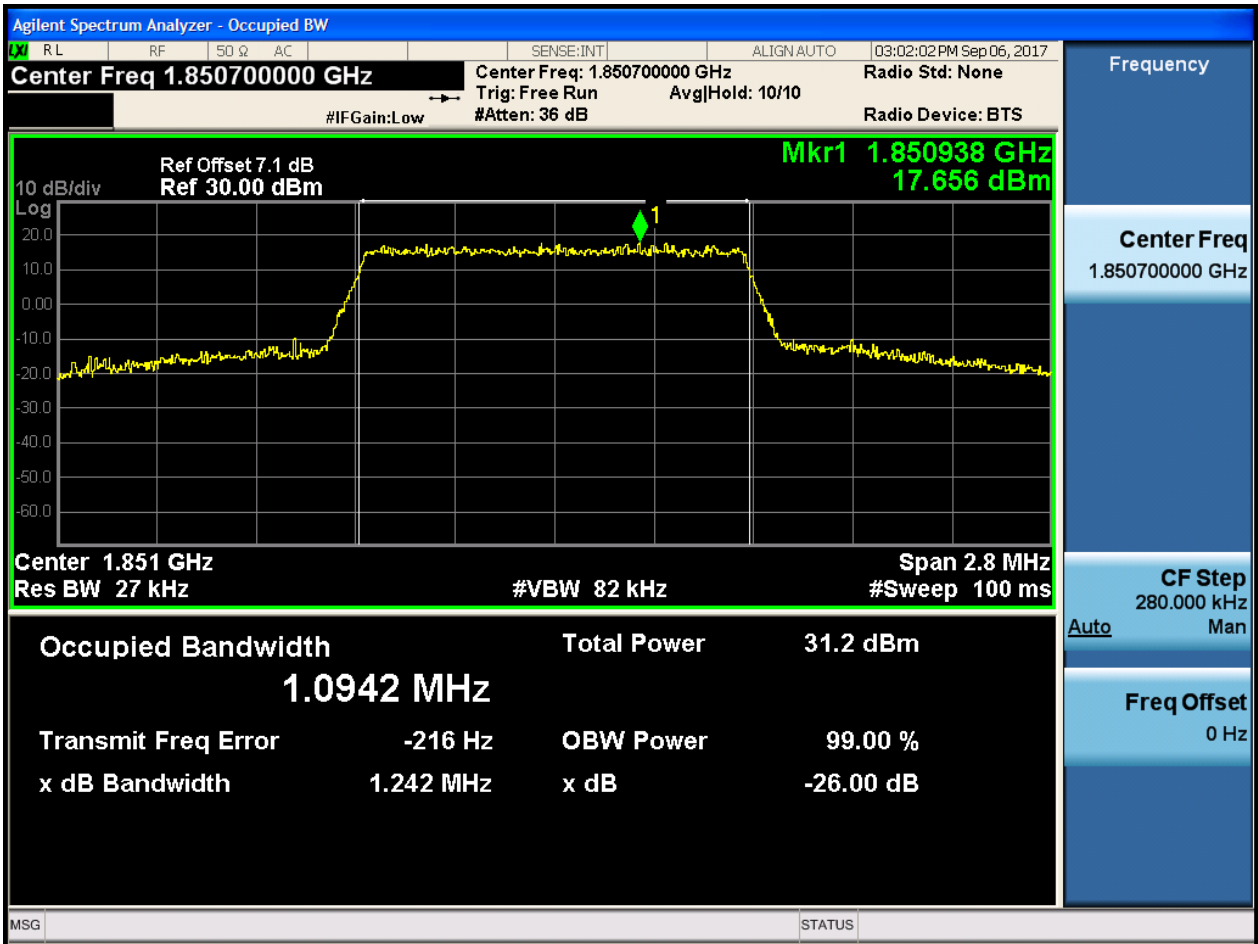
**4.1.1 Test Band = BAND2**

**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**

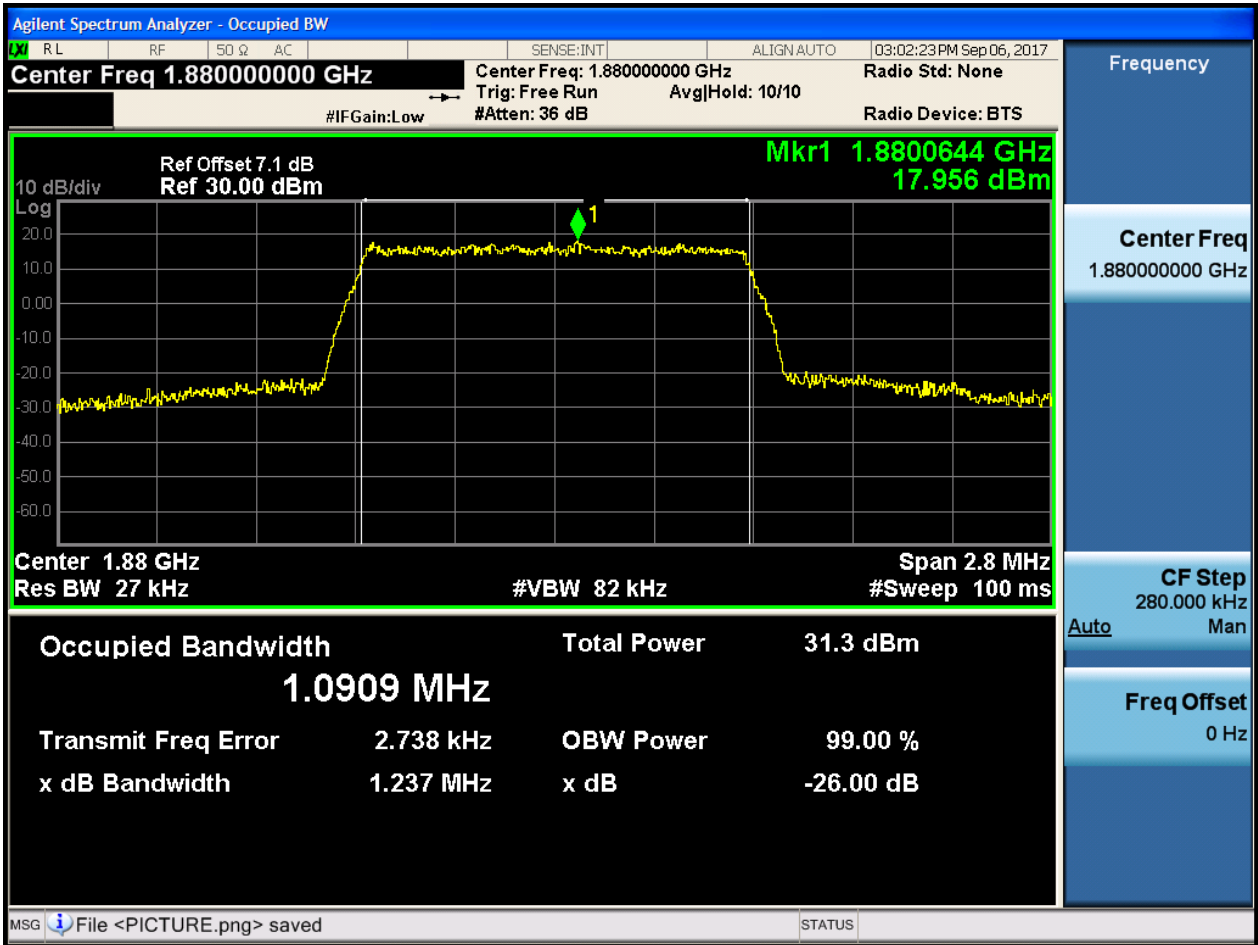
**4.1.1.1.1.1.1 Test RB = RB6#0**





4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0

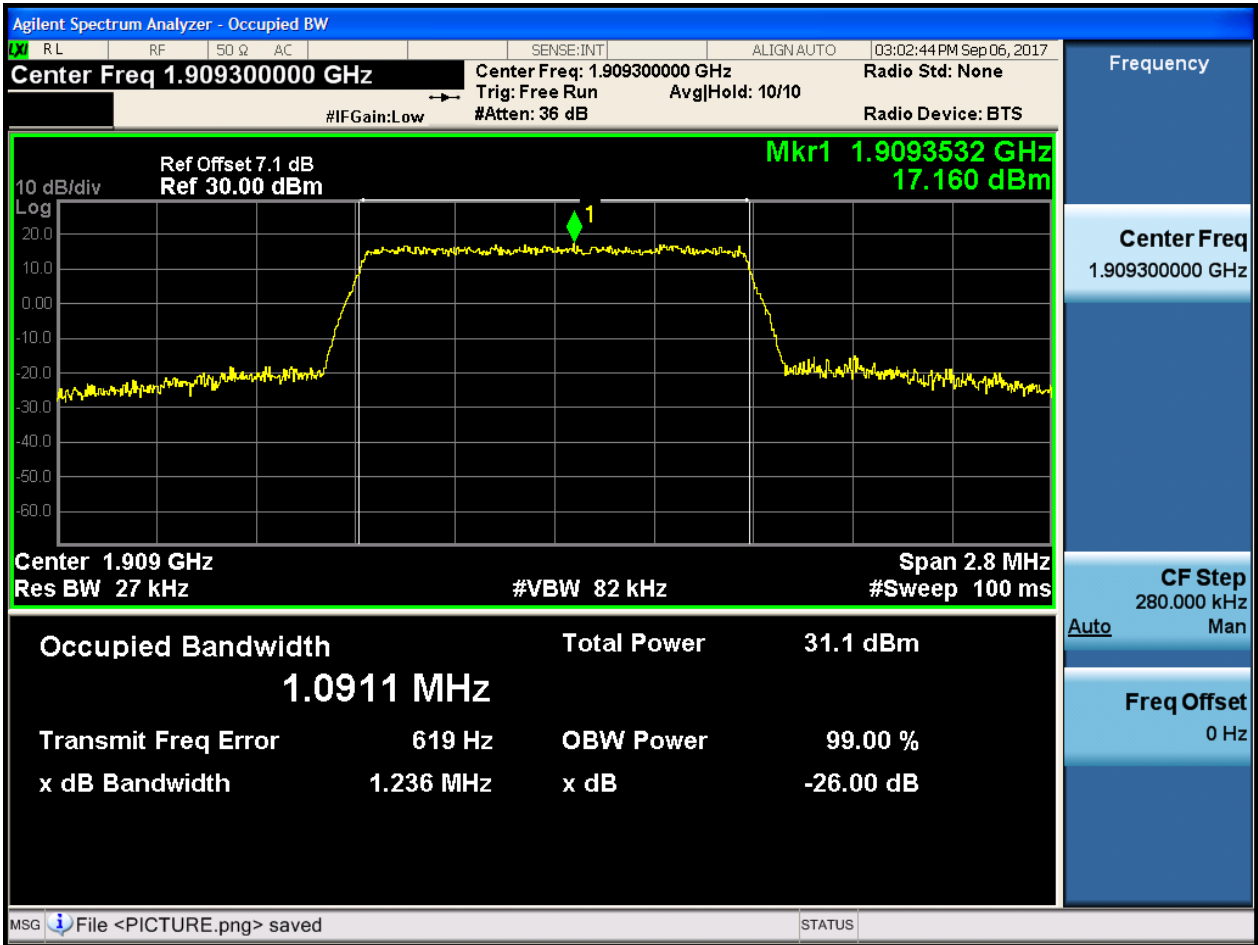






4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

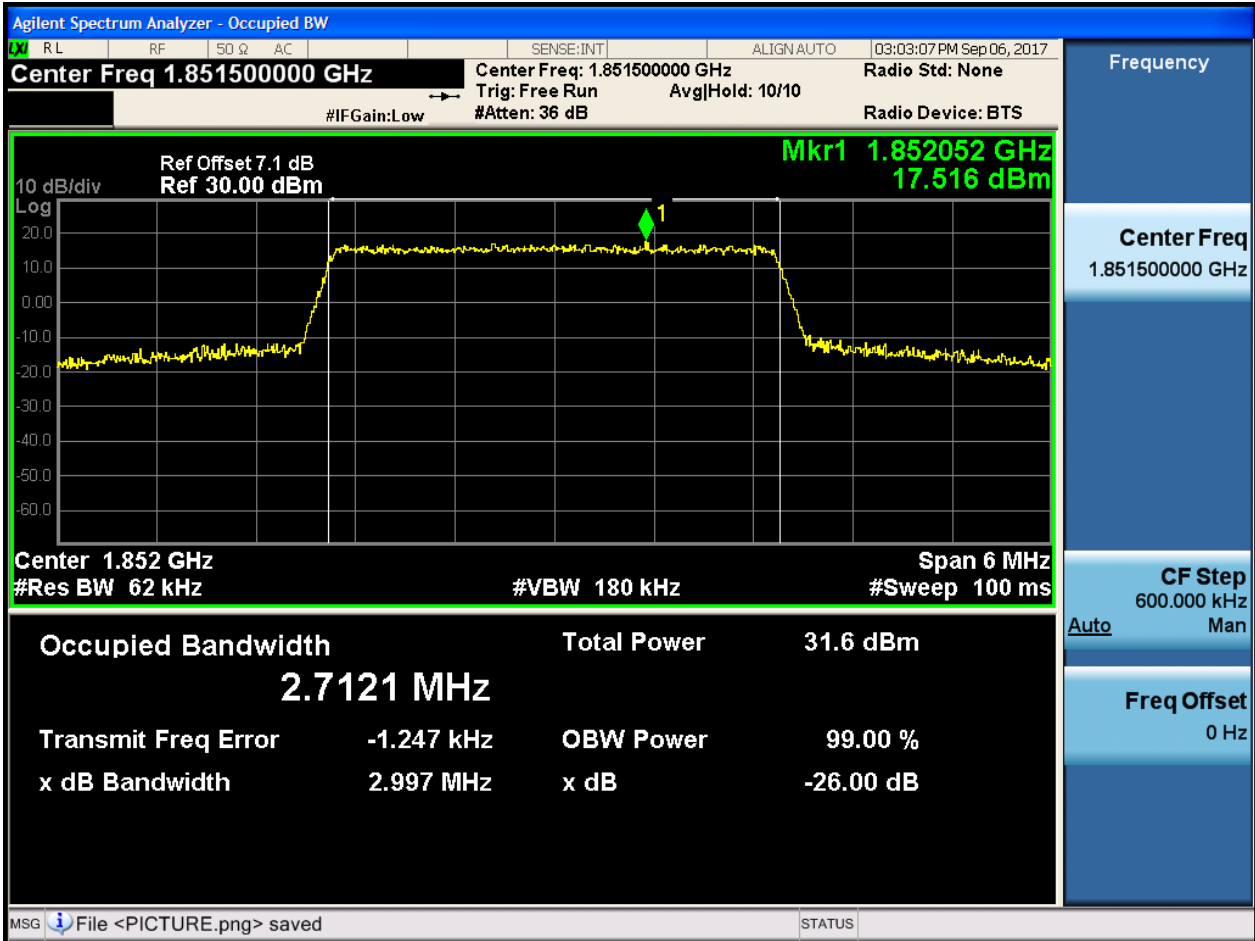




4.1.1.1.2 Test Bandwidth = 3

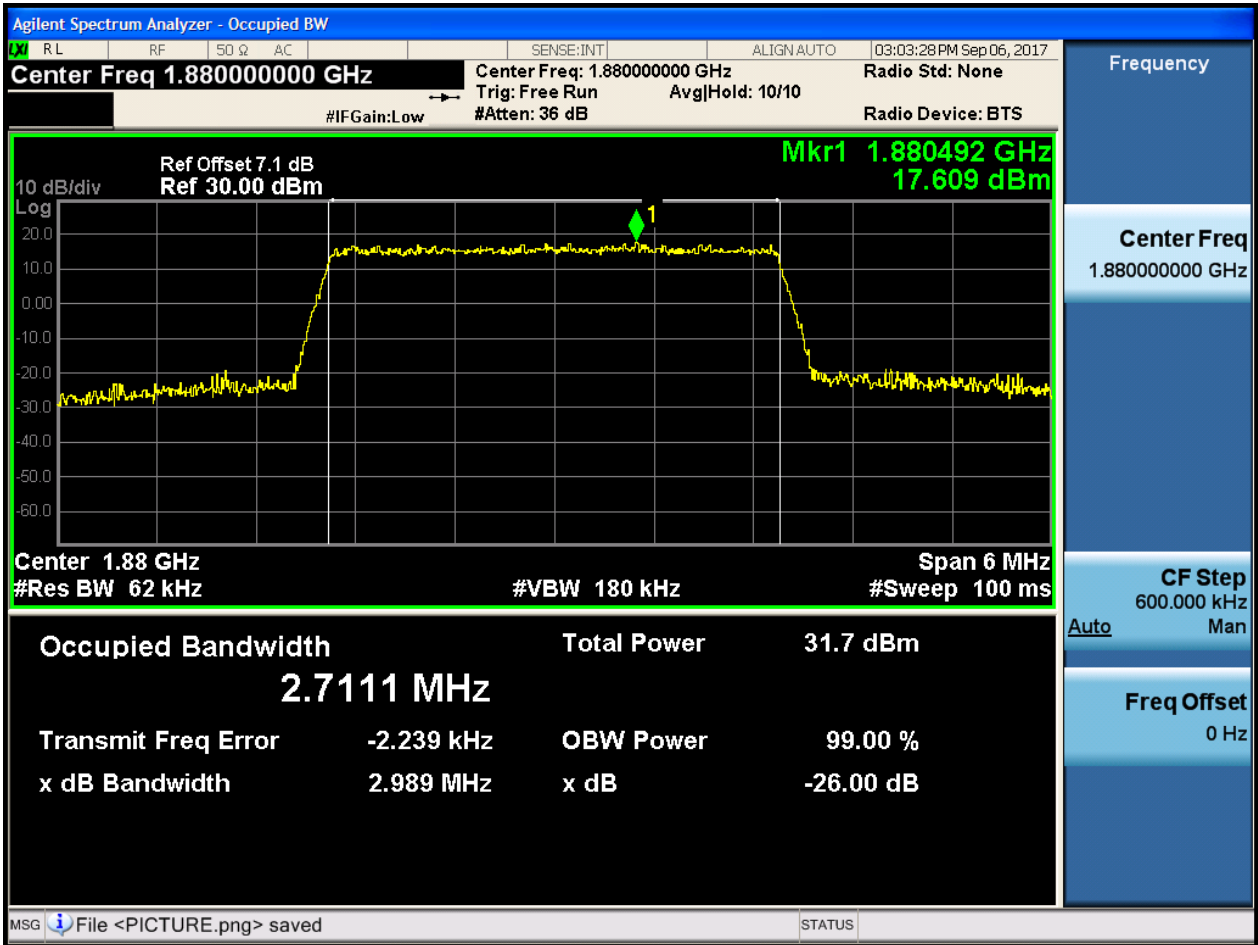
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

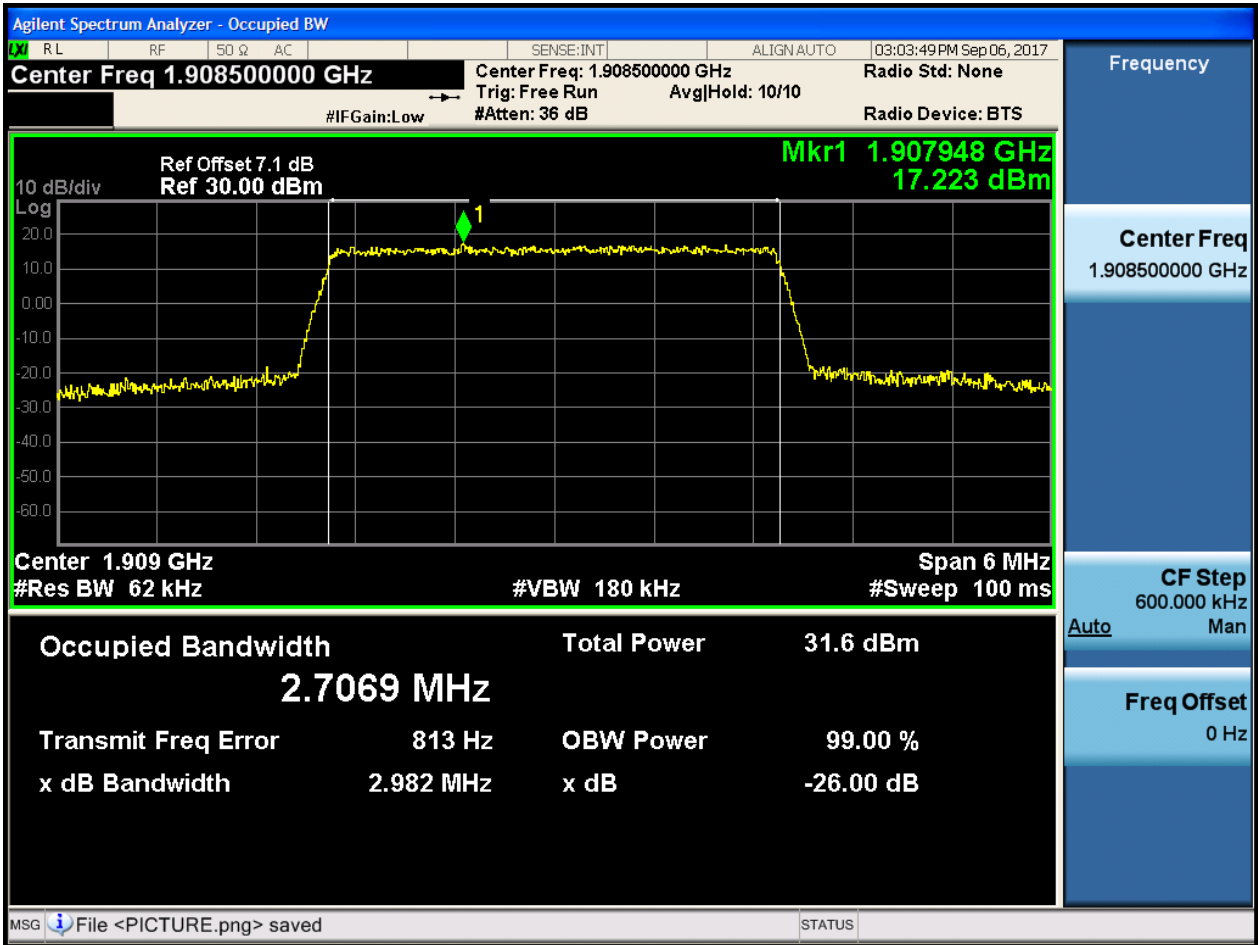
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

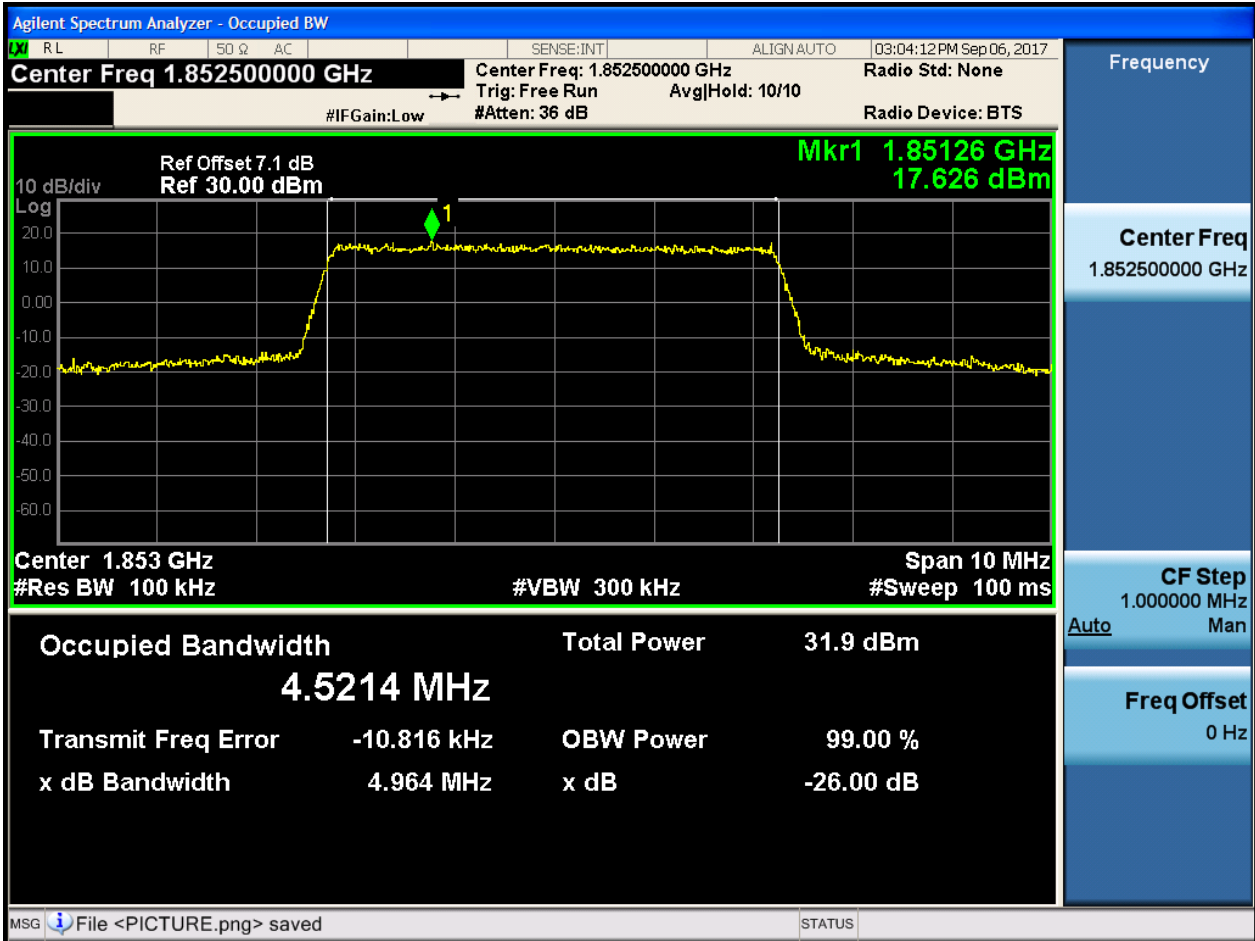




4.1.1.1.3 Test Bandwidth = 5

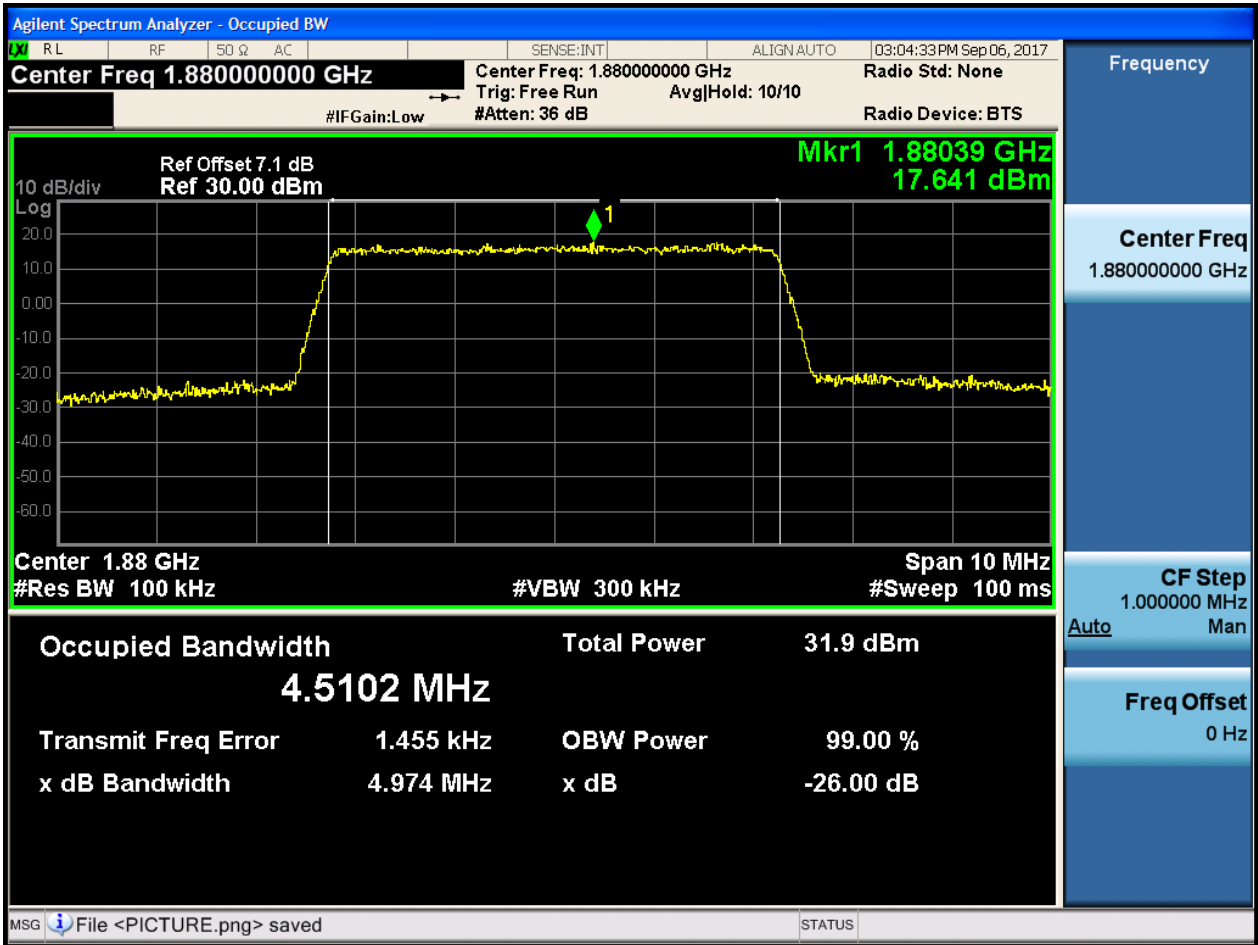
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

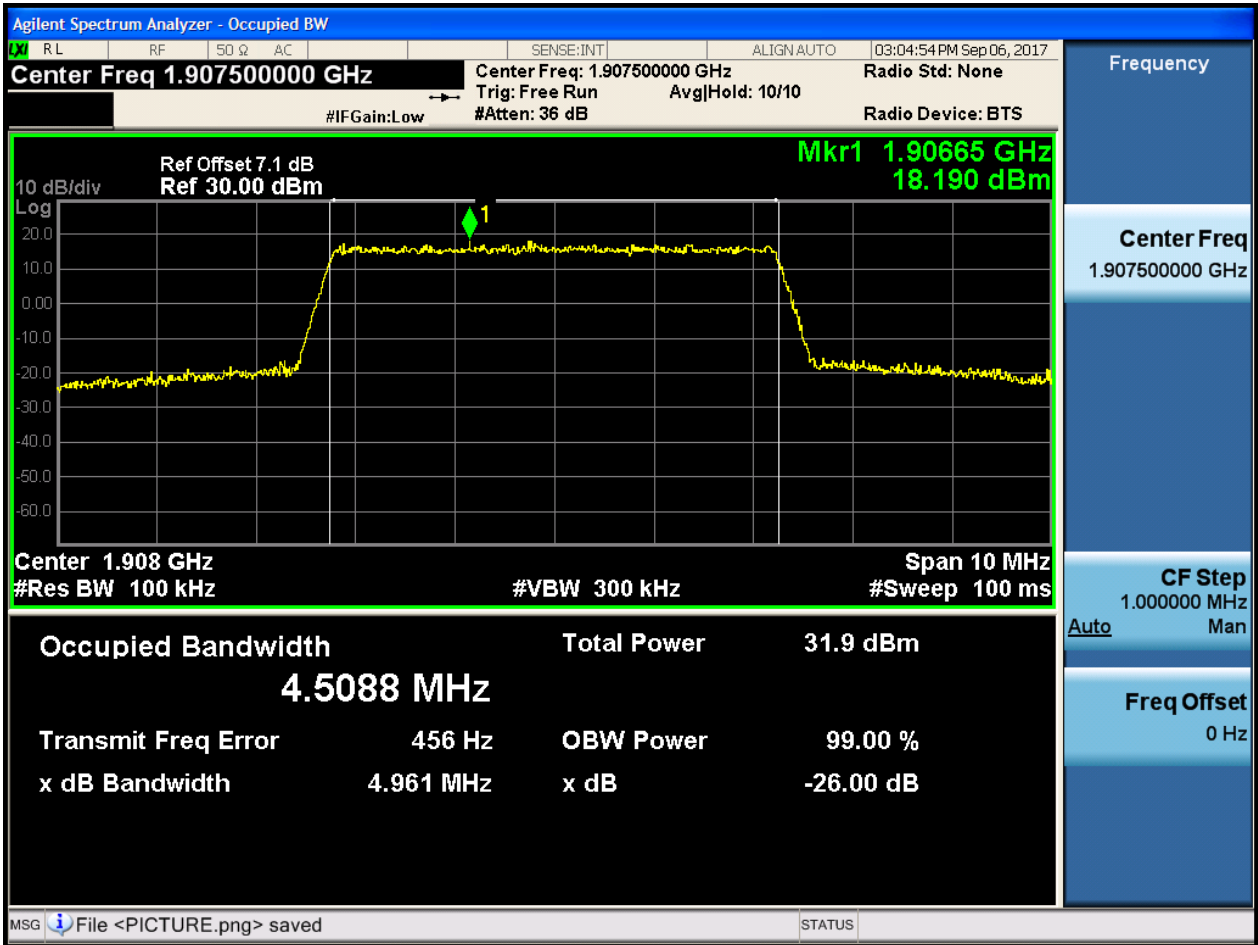
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

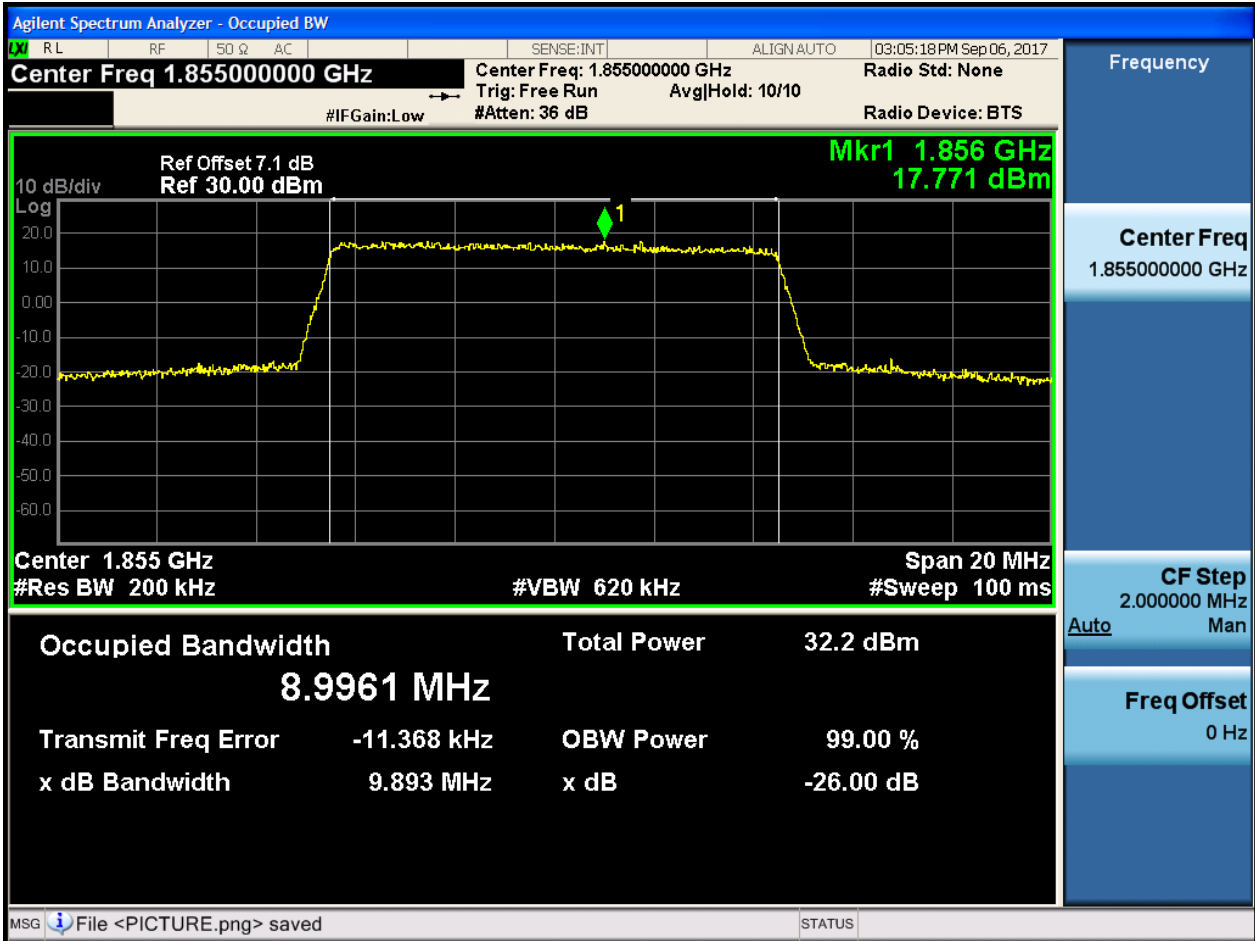




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0

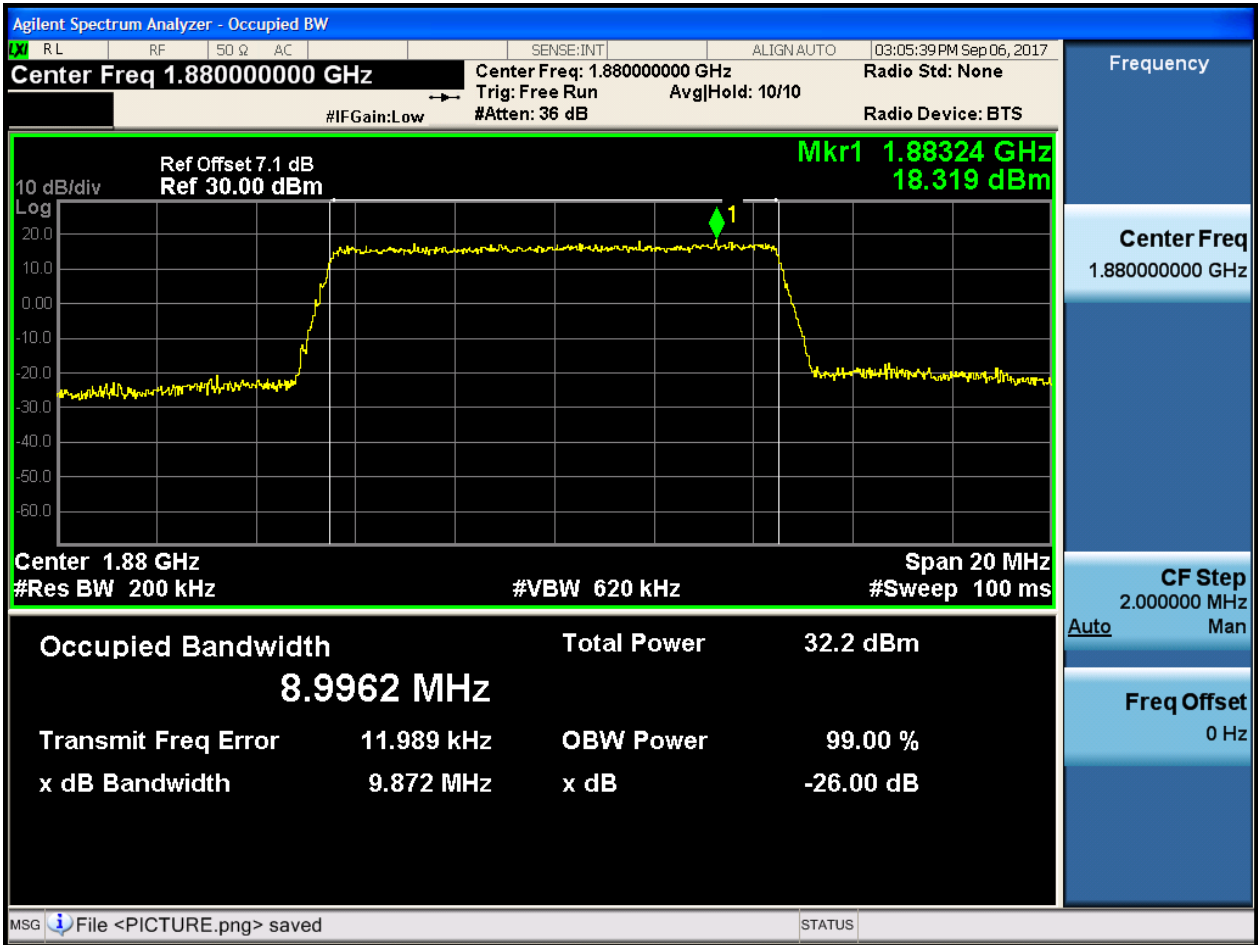






4.1.1.1.4.2 Test Channel = MCH

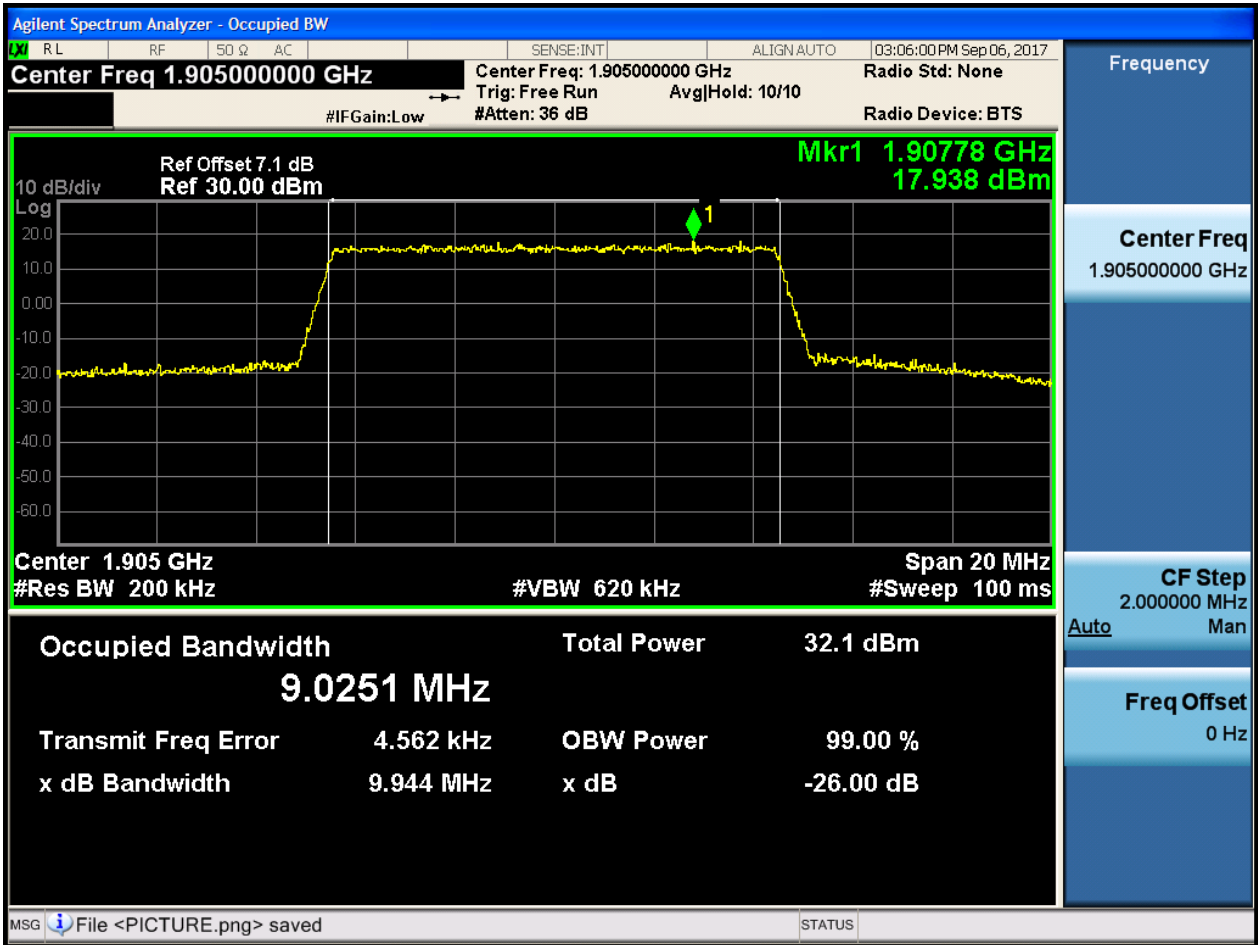
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

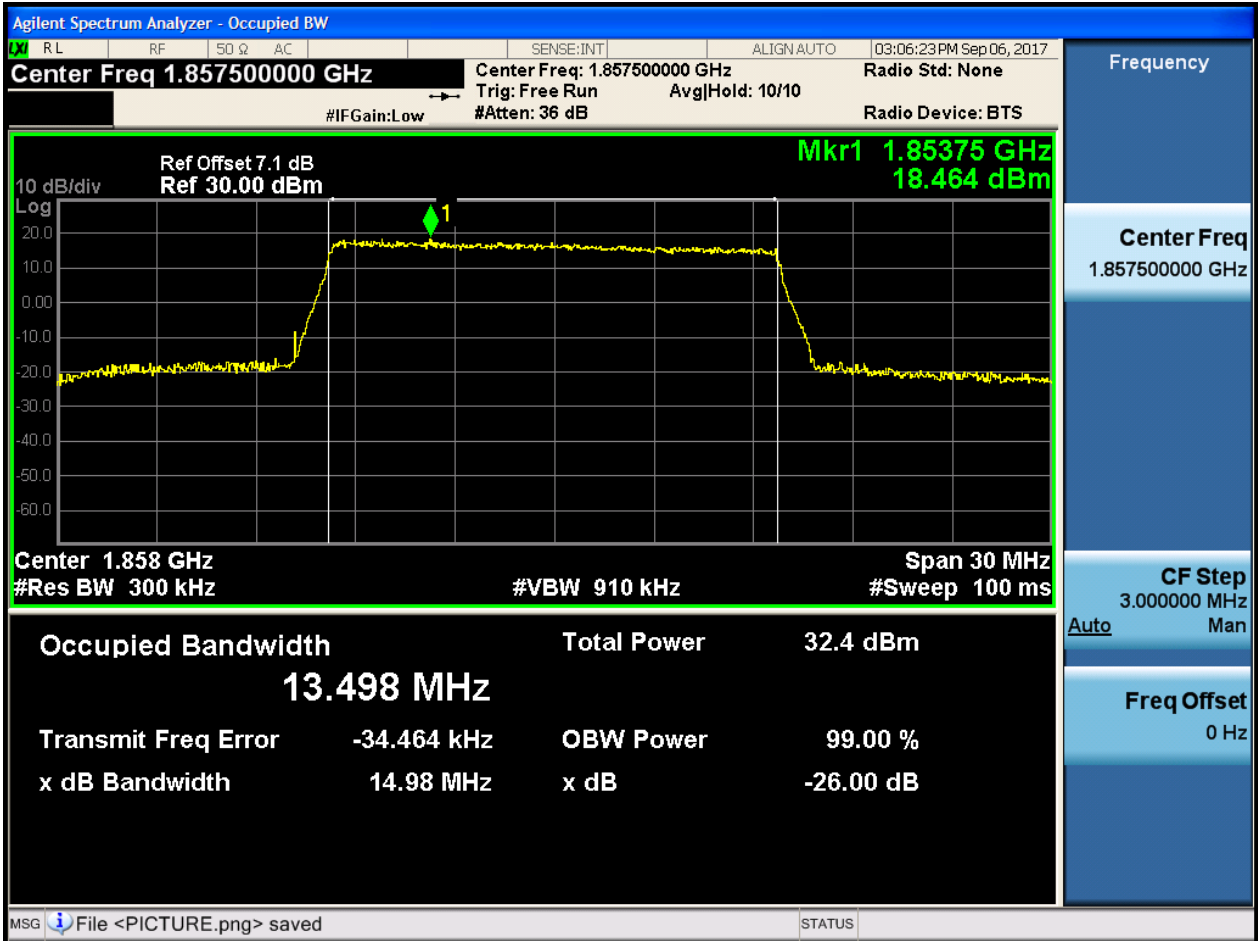




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

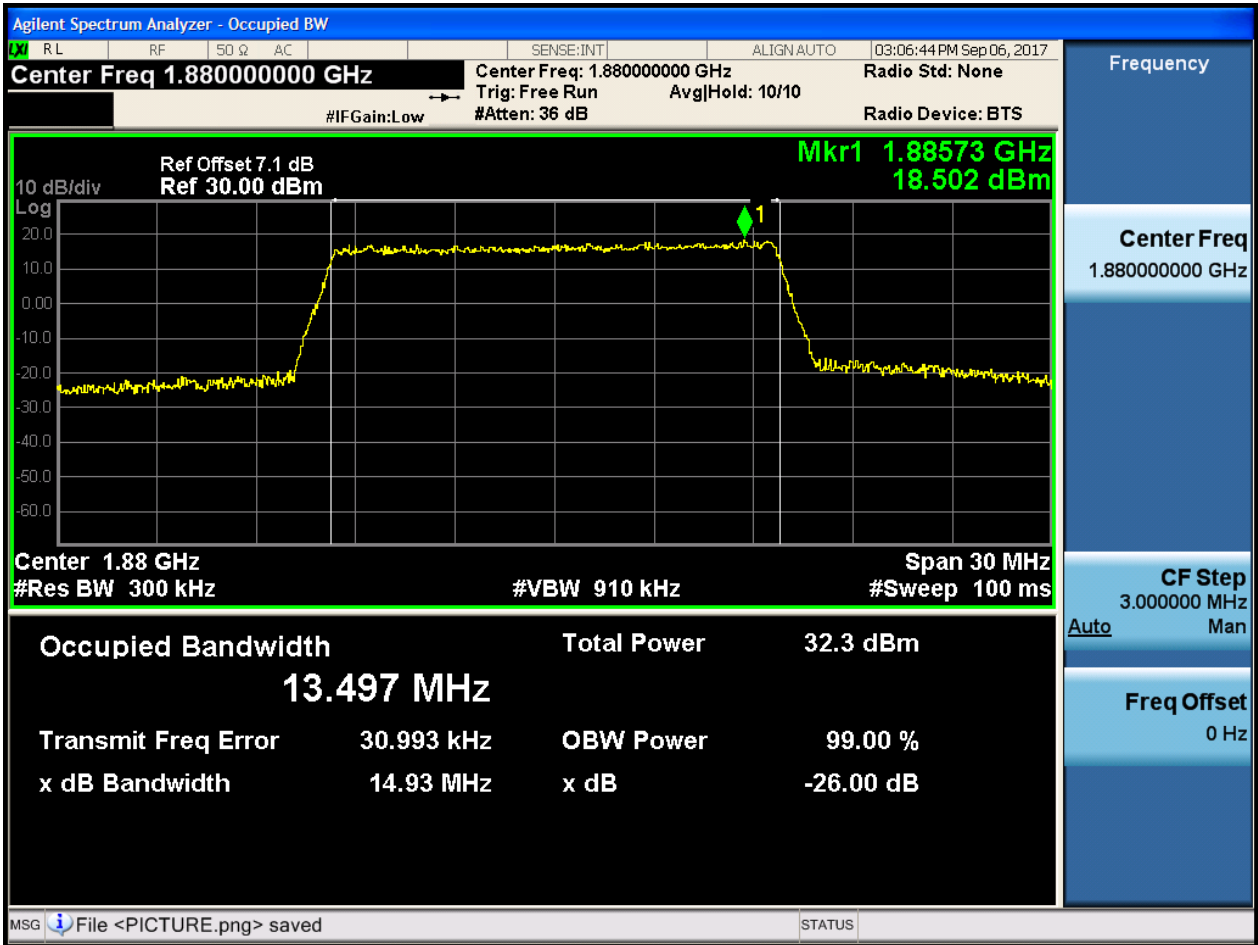
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

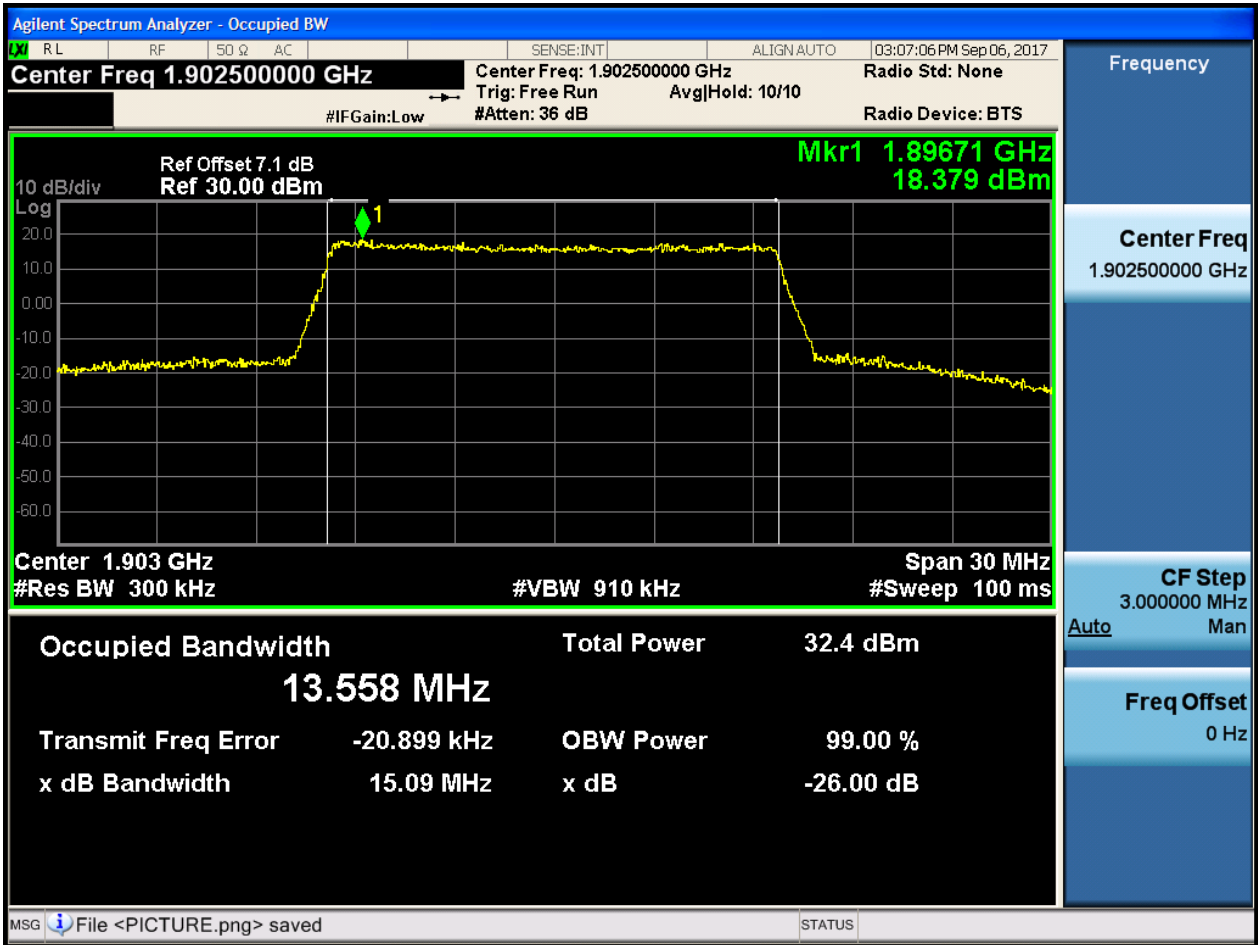
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

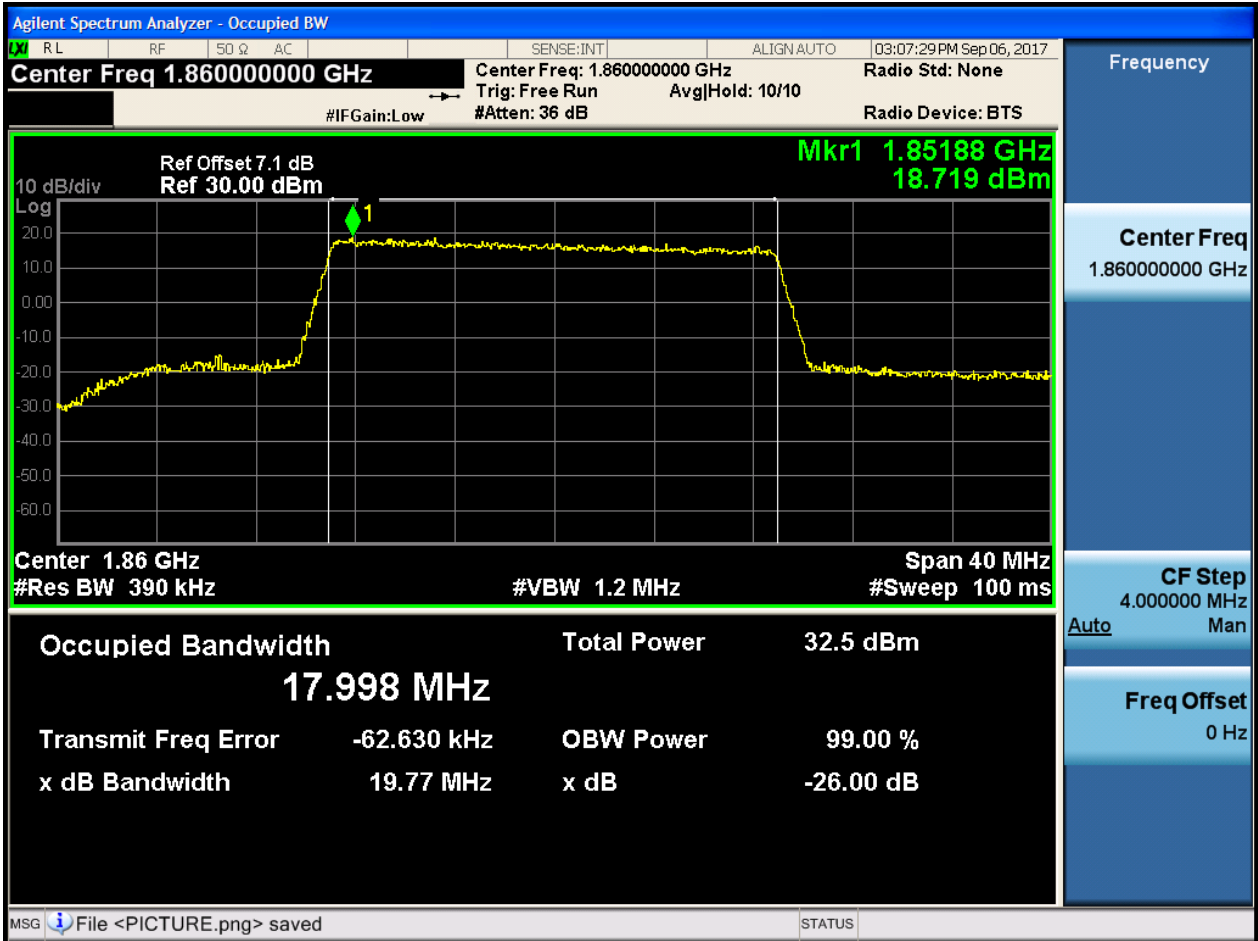




4.1.1.1.6 Test Bandwidth = 20

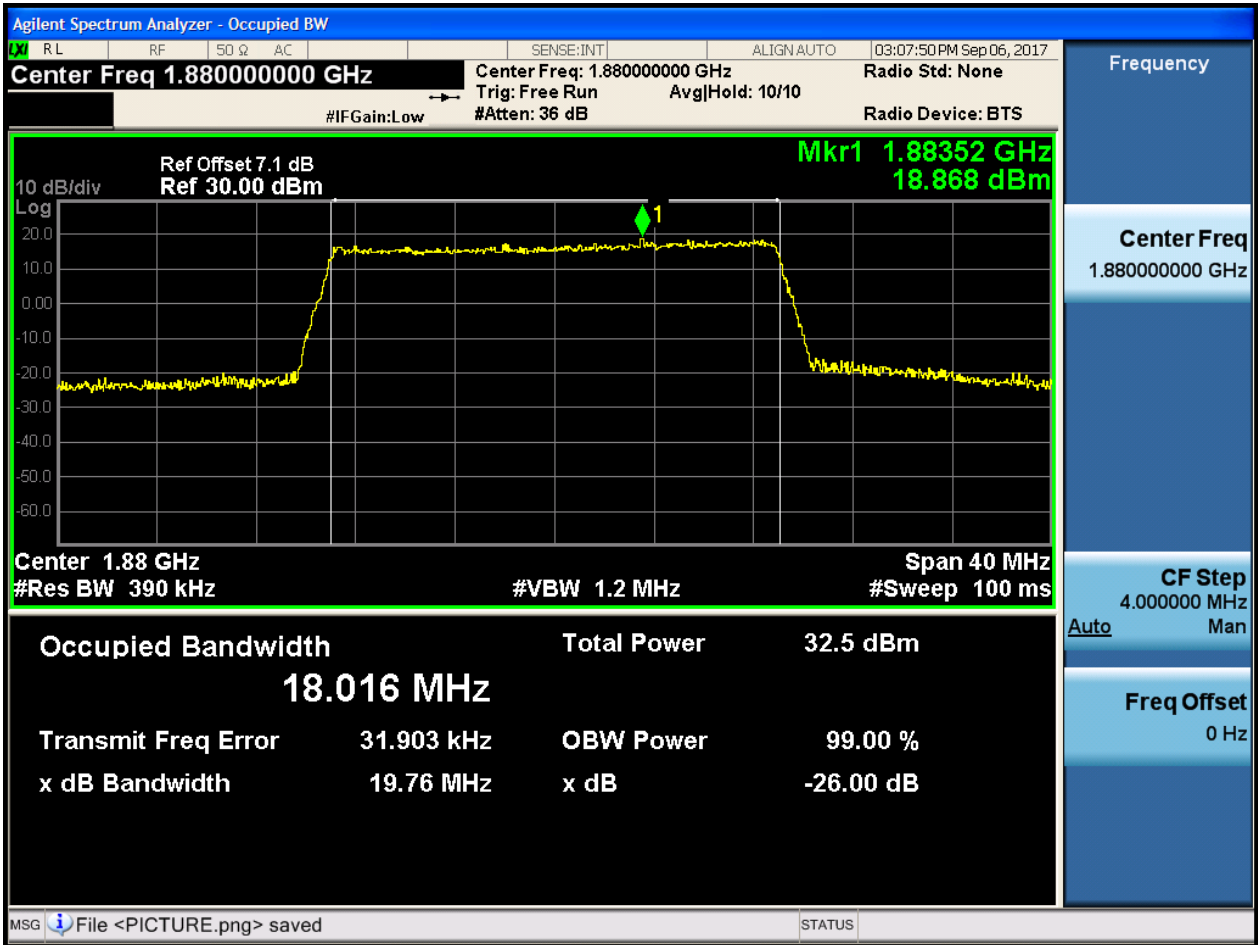
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



4.1.1.1.6.2 Test Channel = MCH

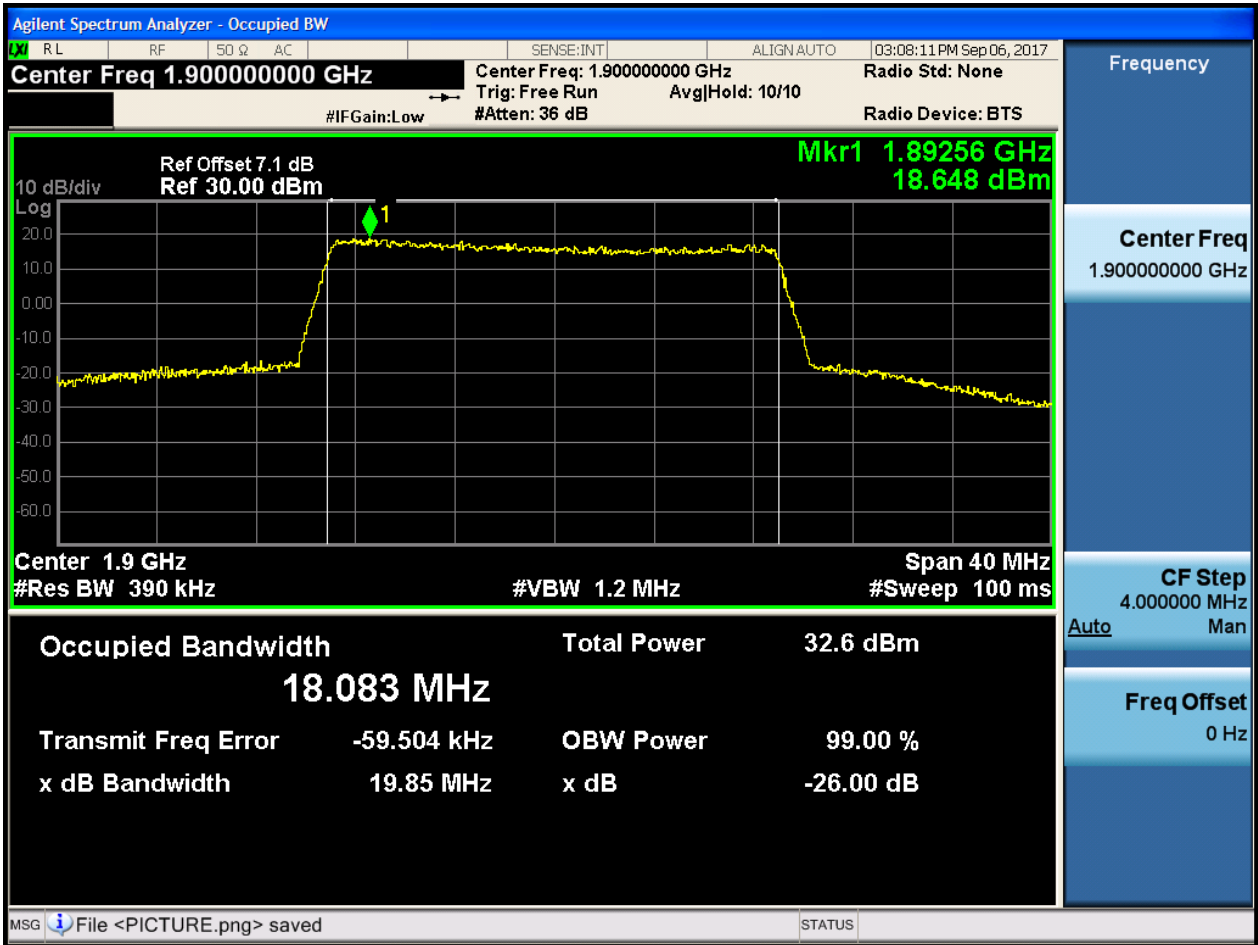
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0





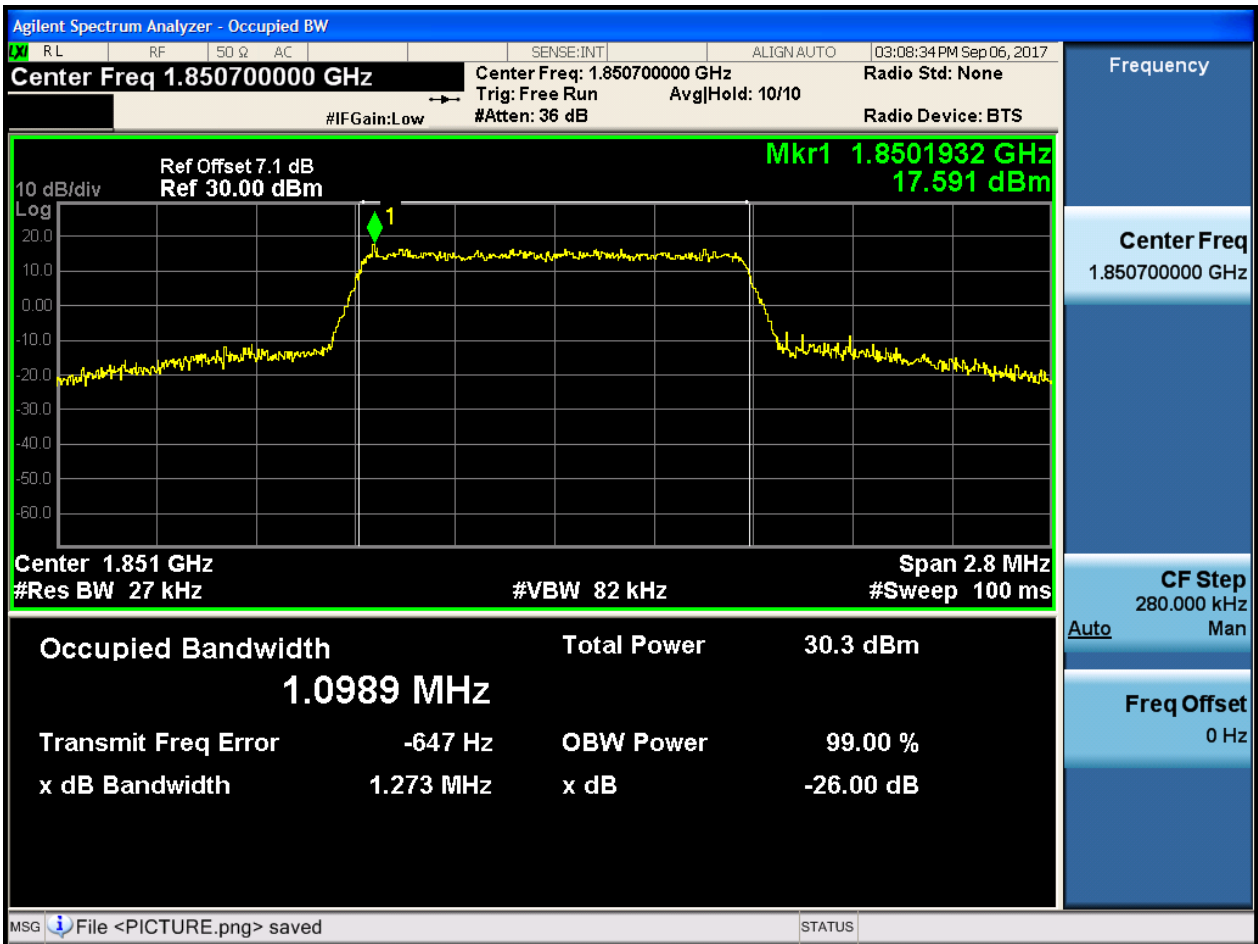


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

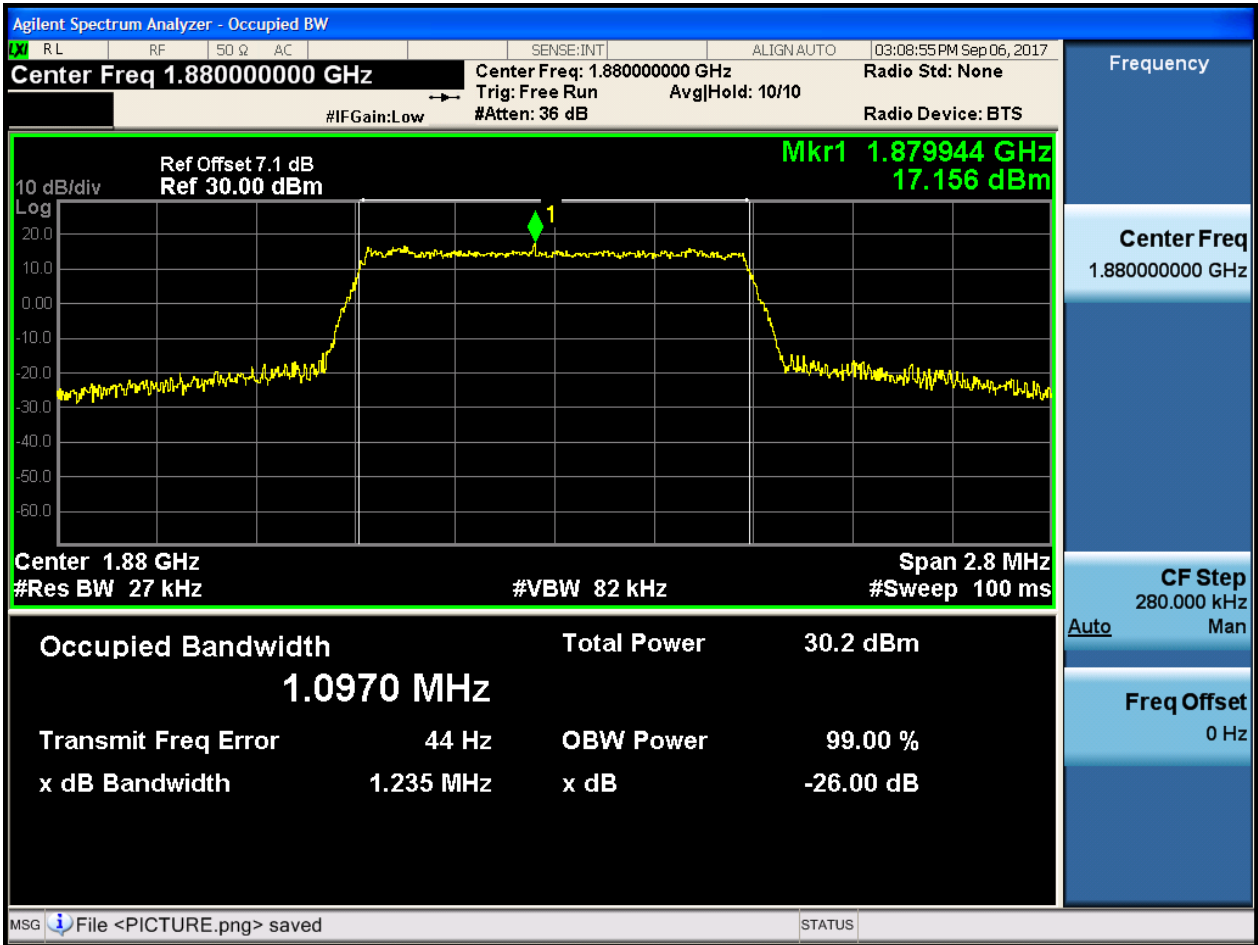
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

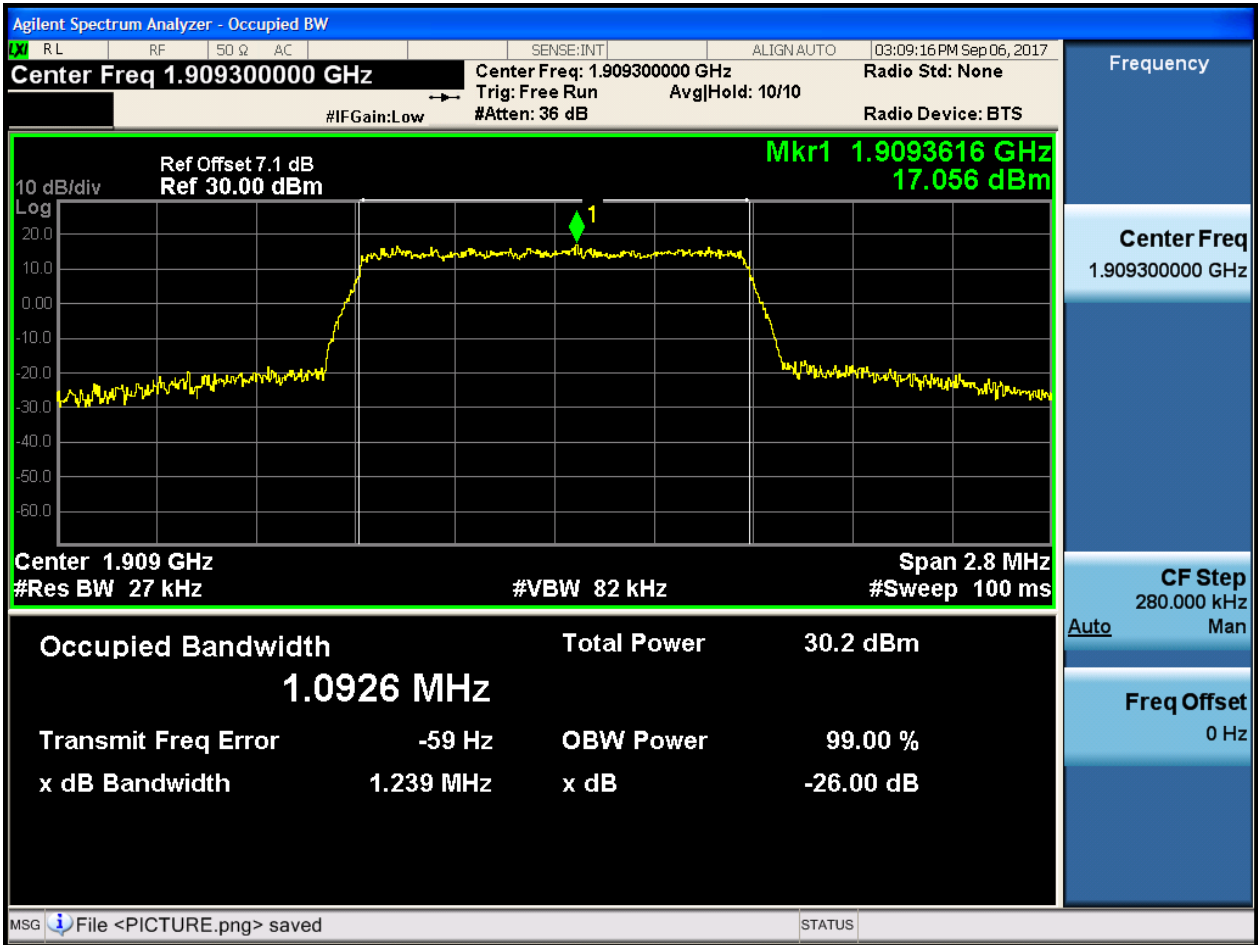
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

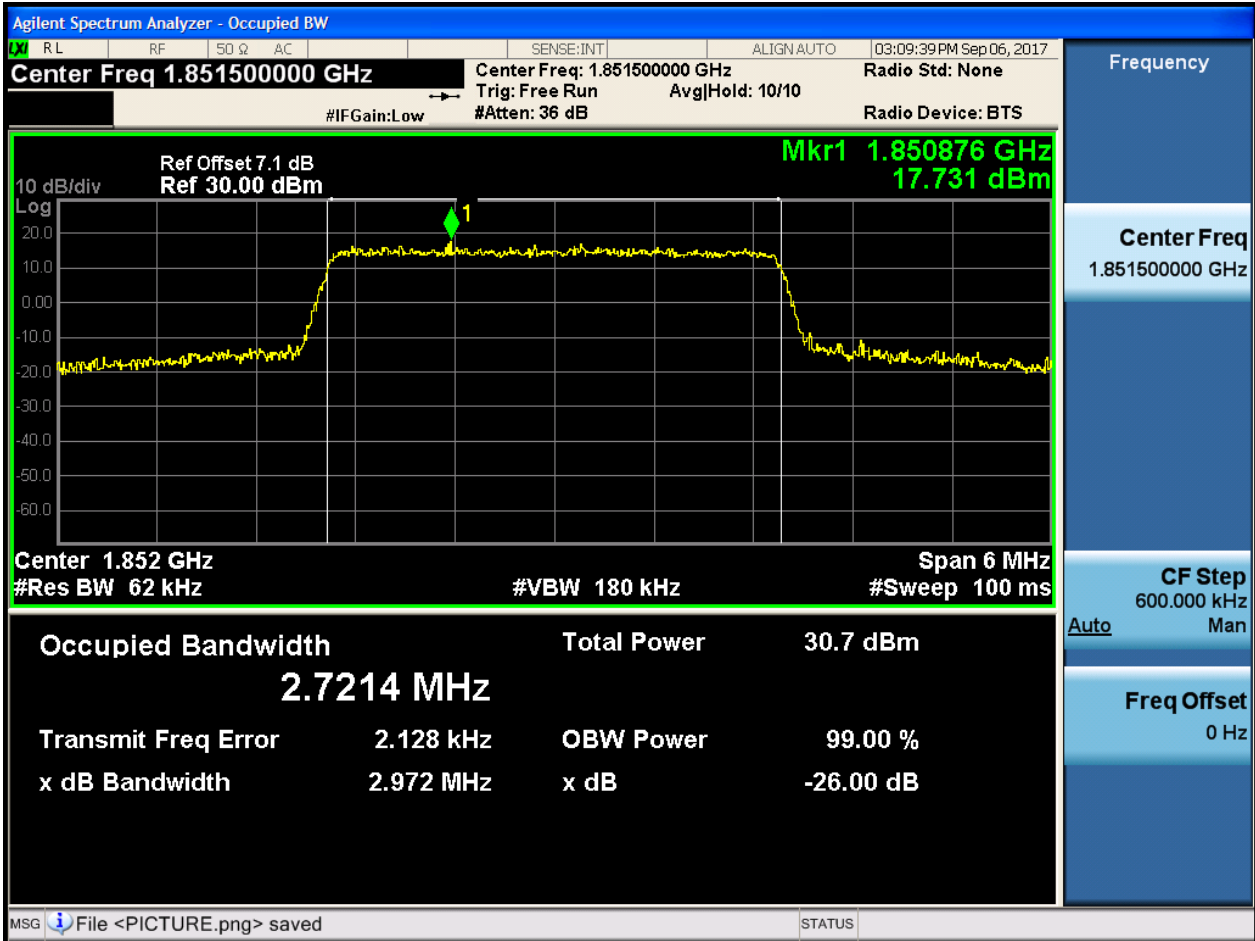




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

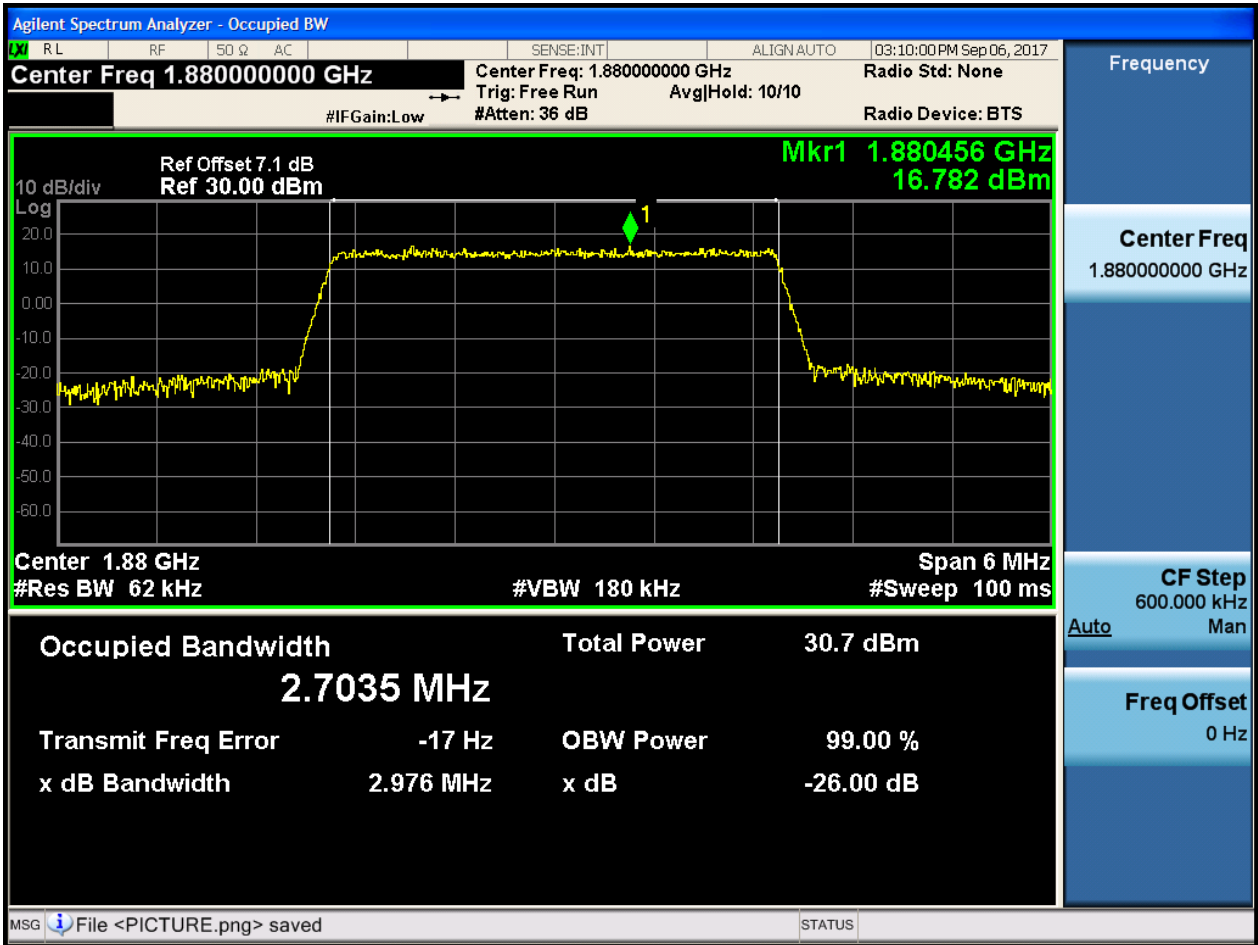
4.1.1.2.2.1.1 Test RB = RB15#0





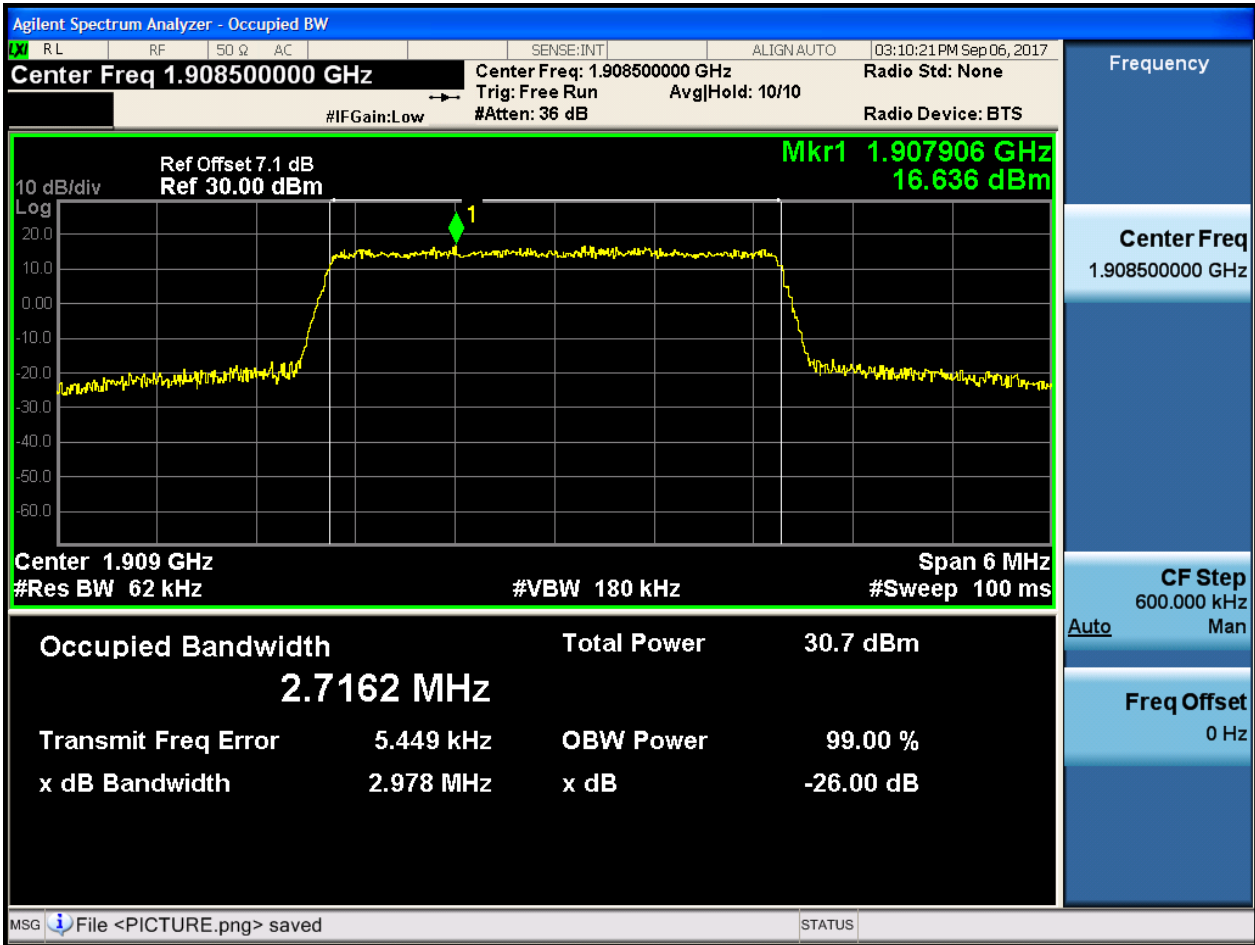
4.1.1.2.2.2 Test Channel = MCH

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

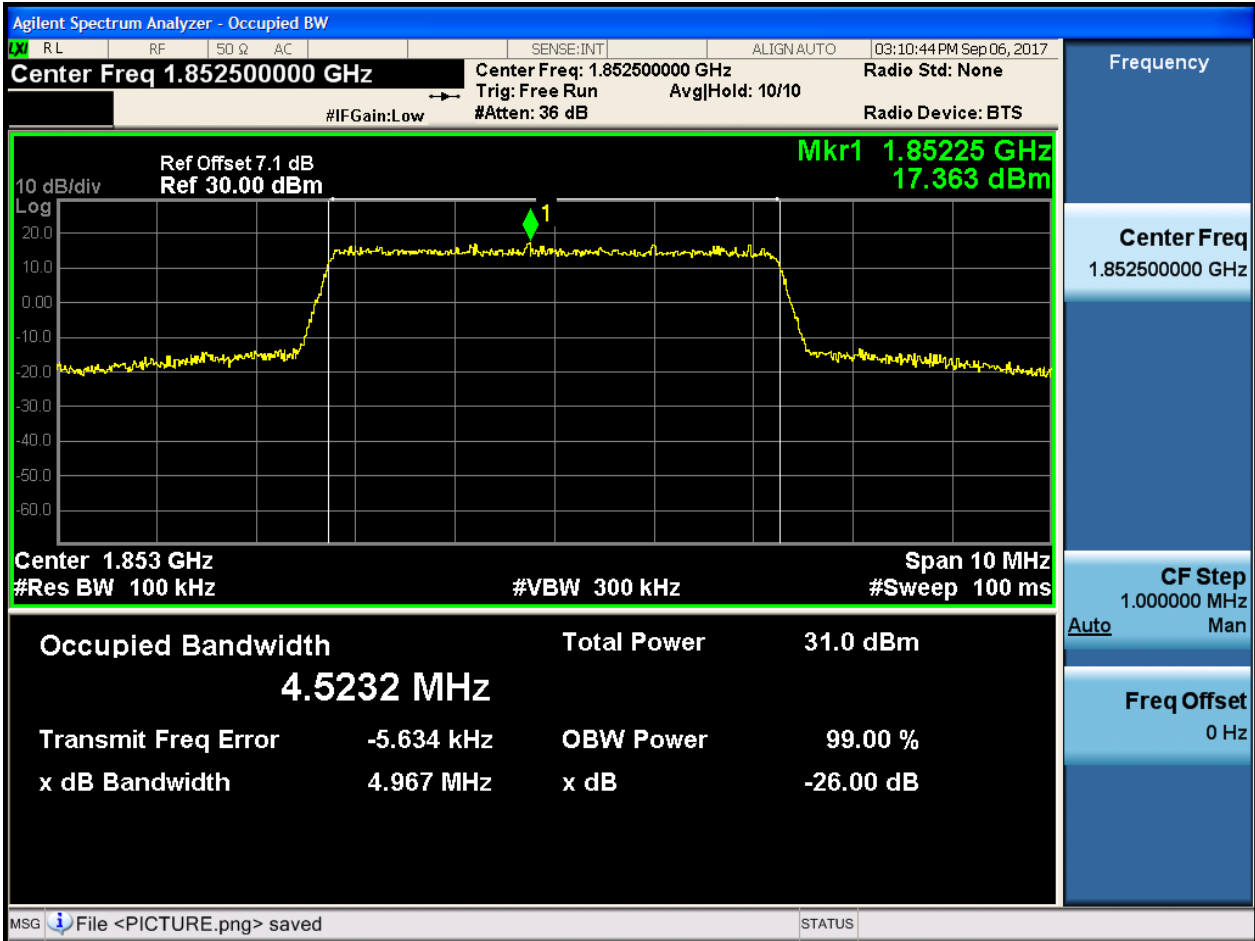




4.1.1.2.3 Test Bandwidth = 5

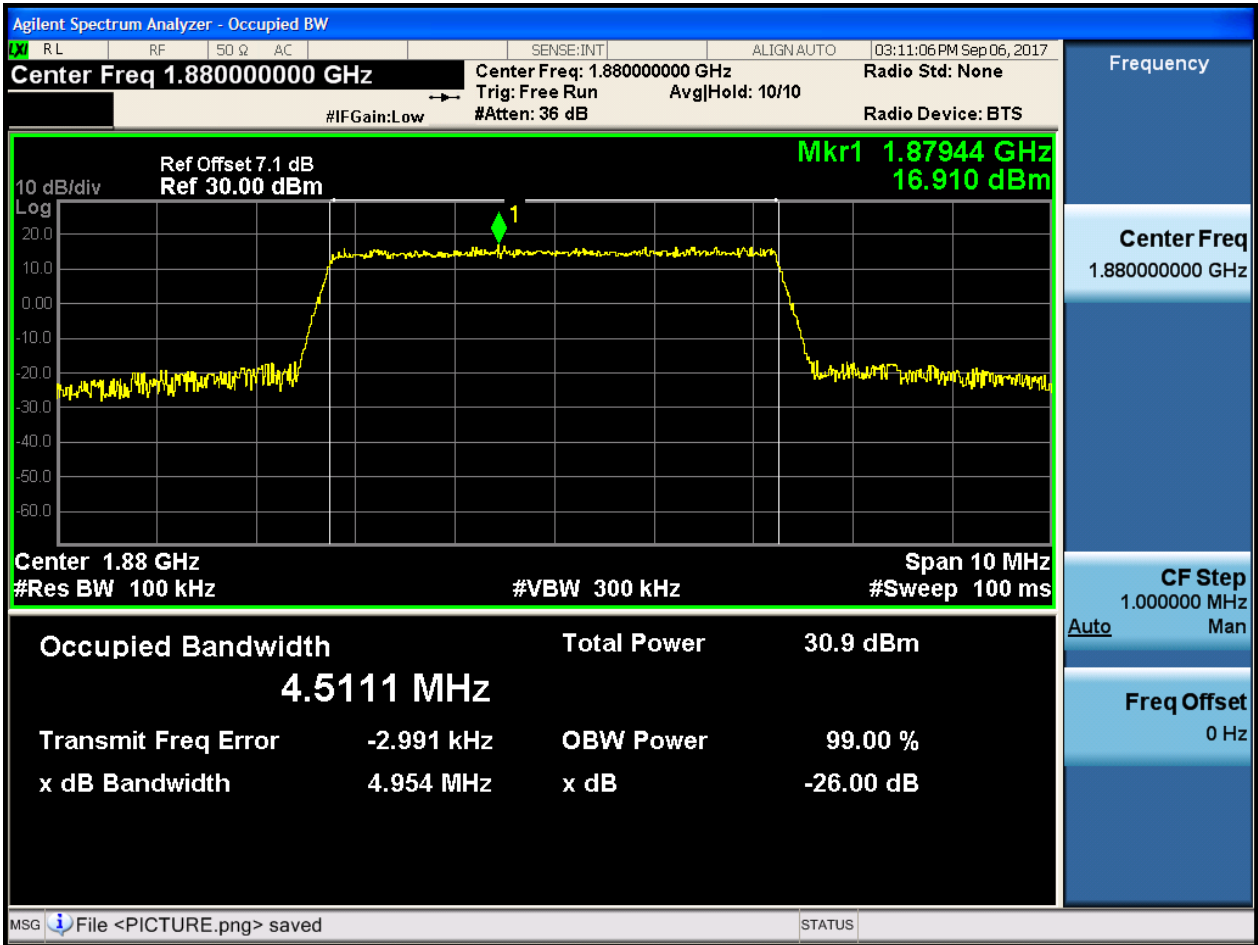
4.1.1.2.3.1 Test Channel = LCH

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

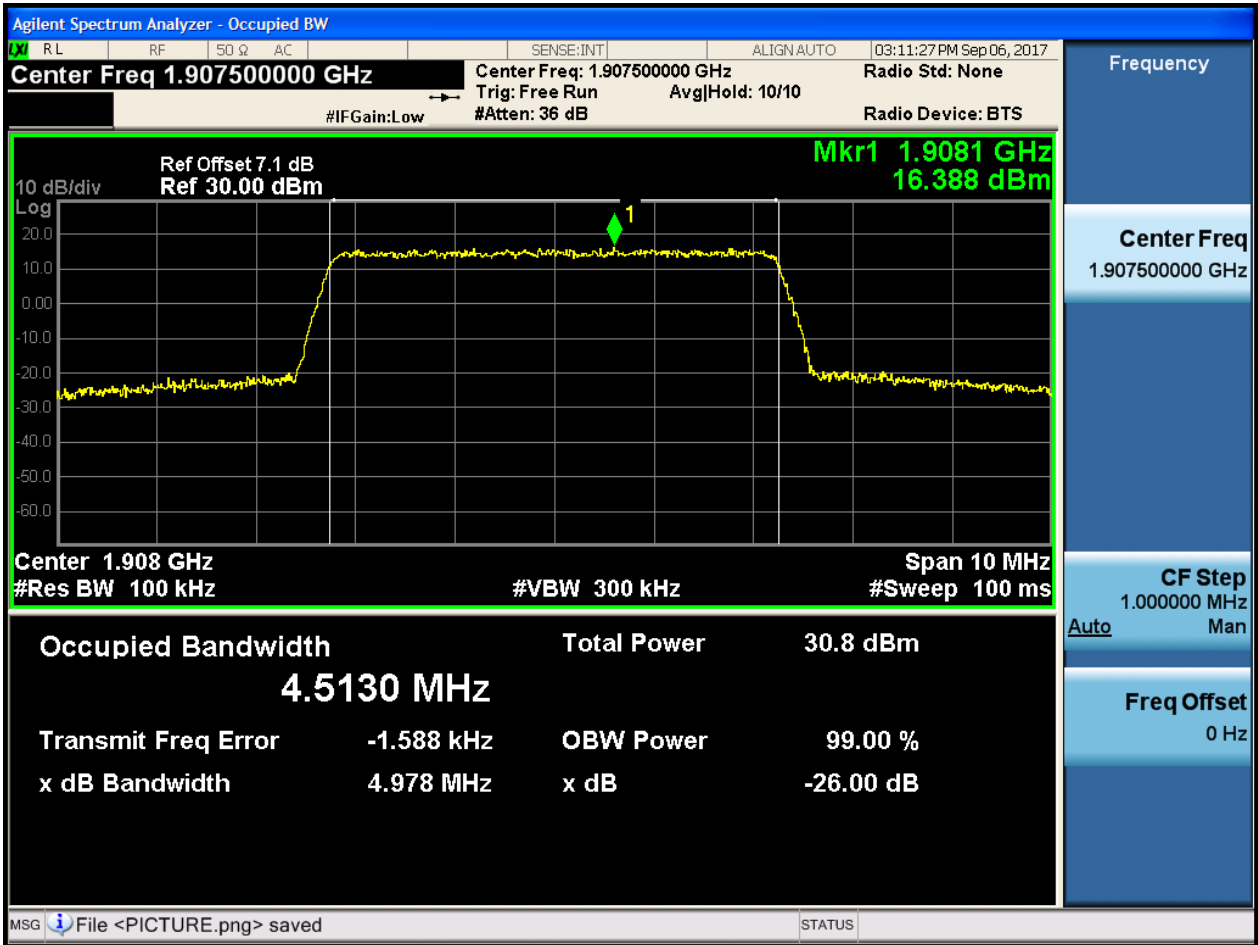






4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

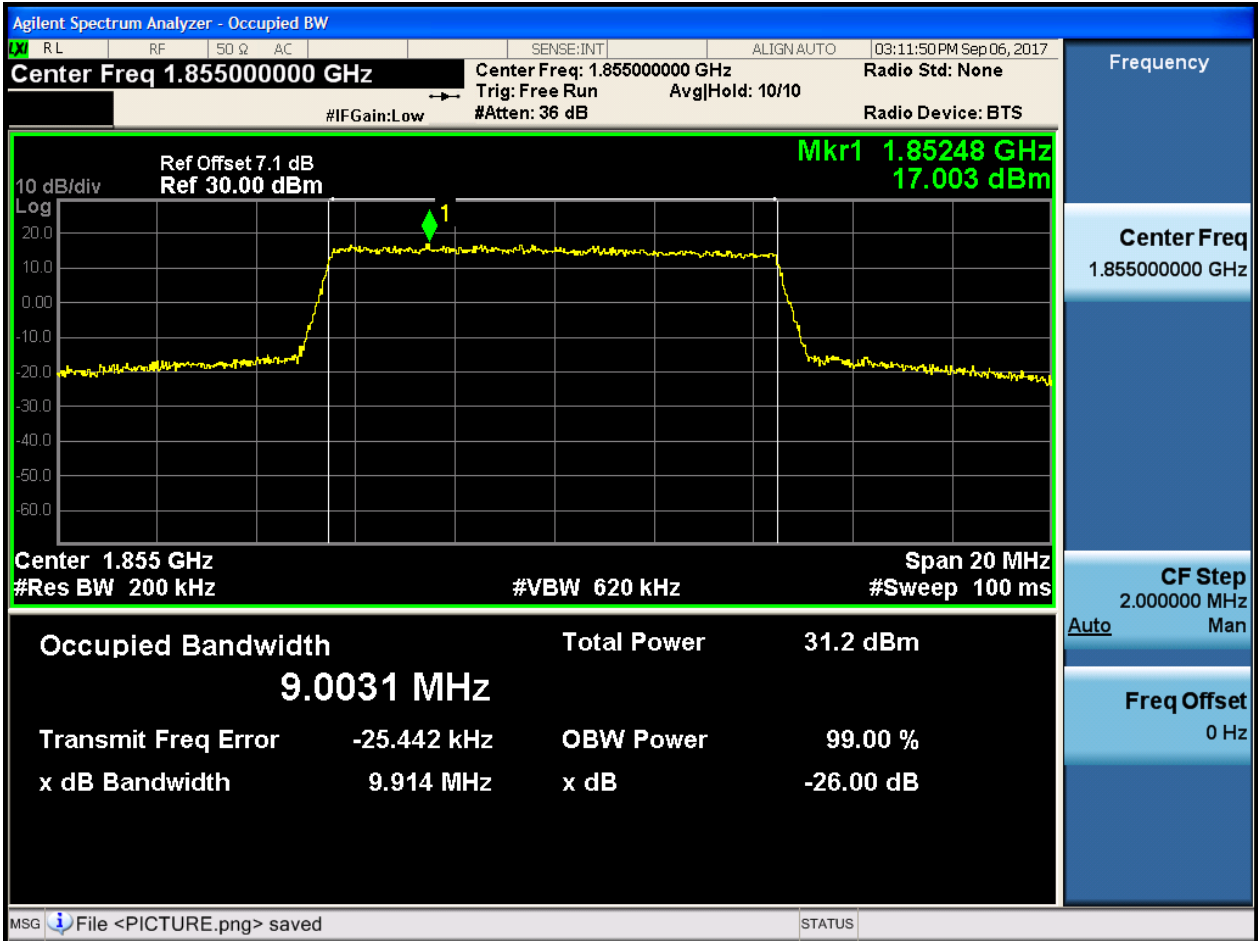




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

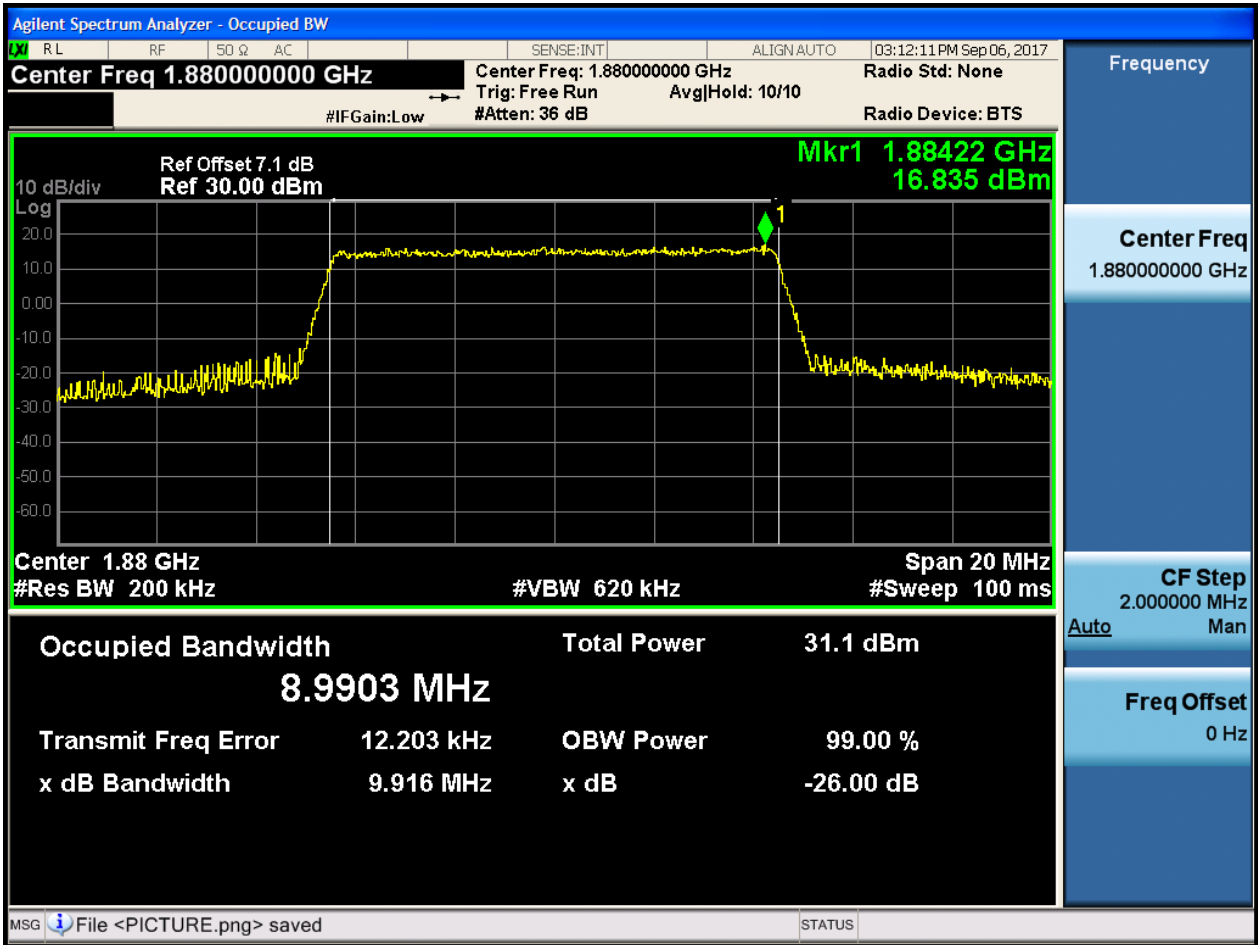
4.1.1.2.4.1.1 Test RB = RB50#0





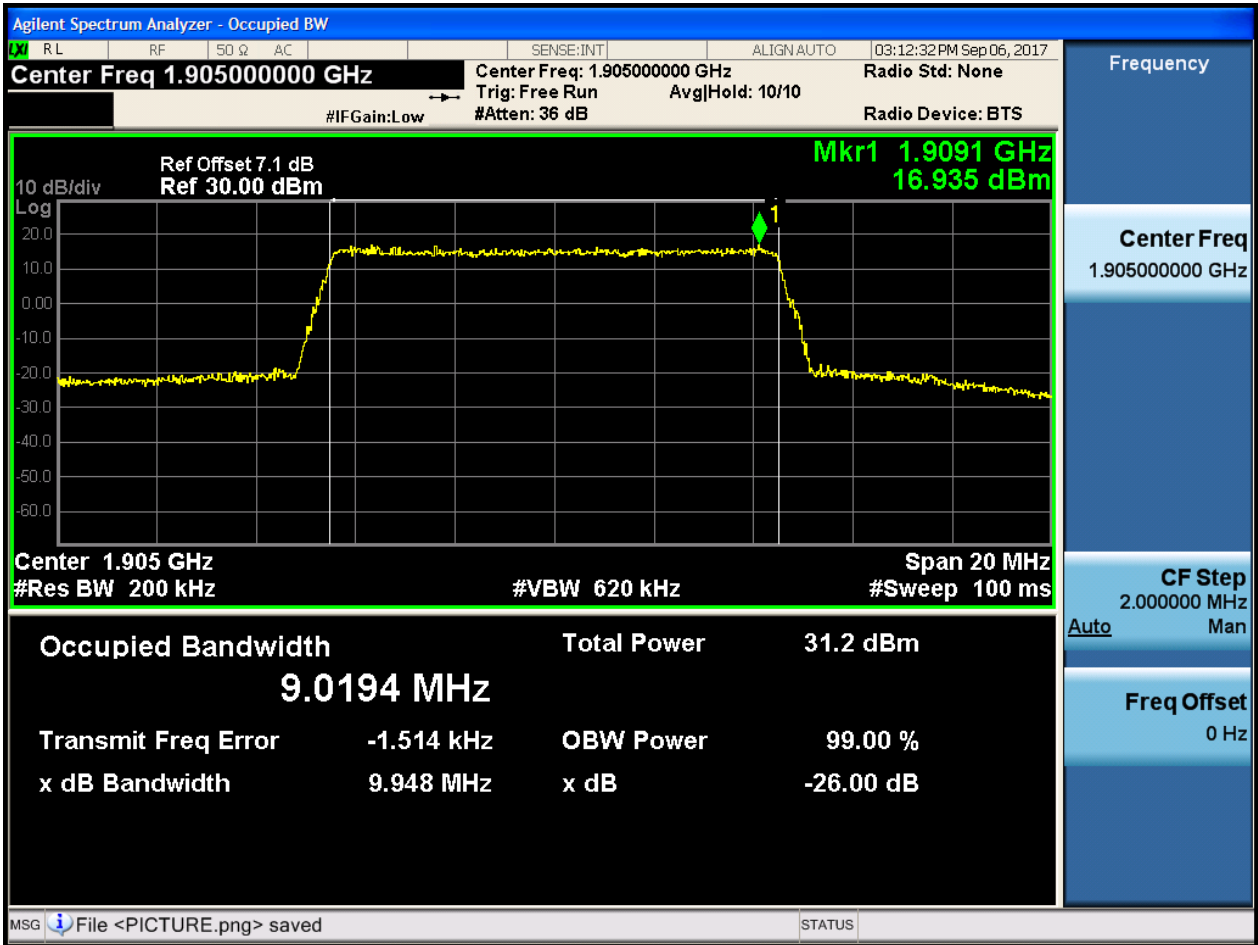
4.1.1.2.4.2 Test Channel = MCH

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

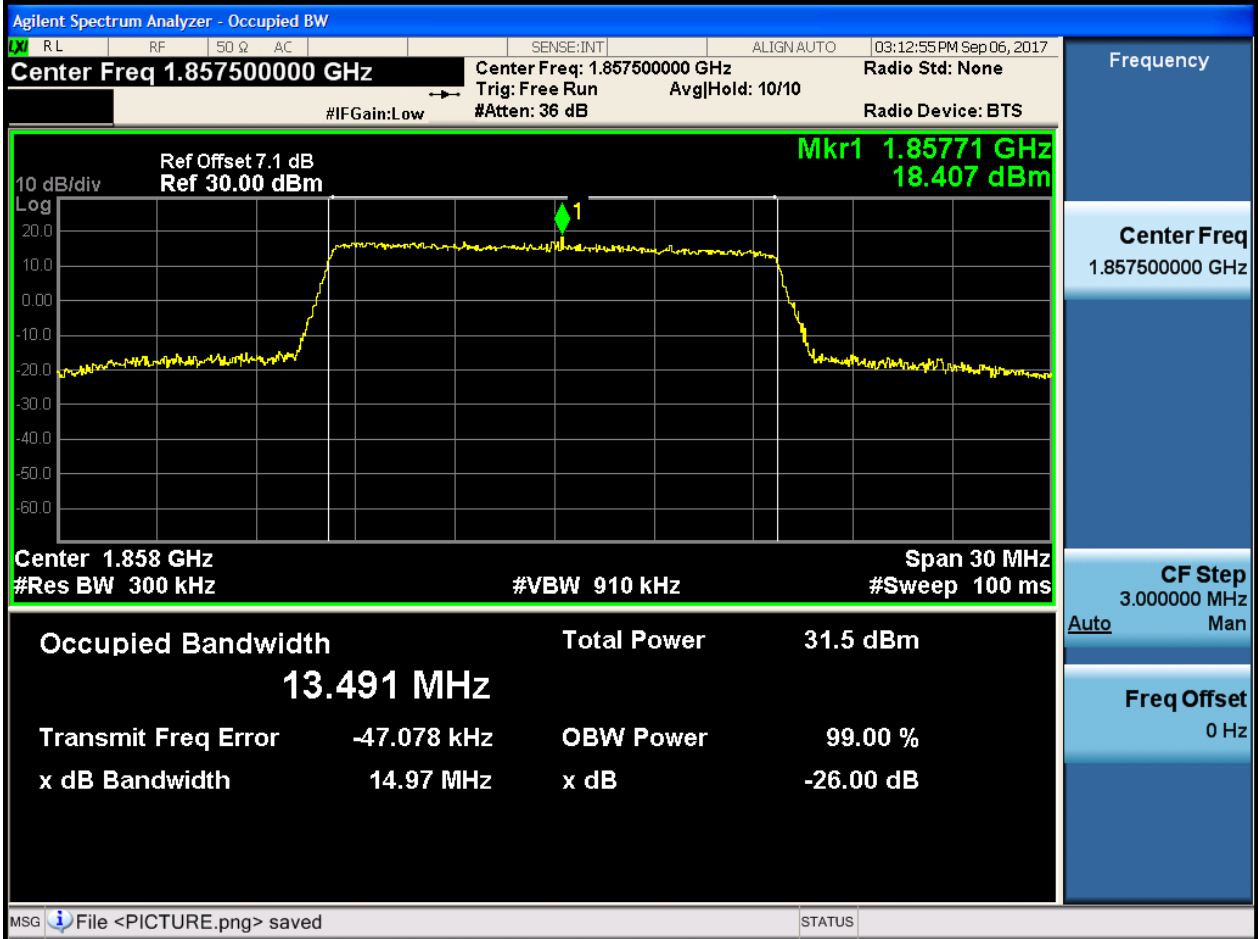




4.1.1.2.5 Test Bandwidth = 15

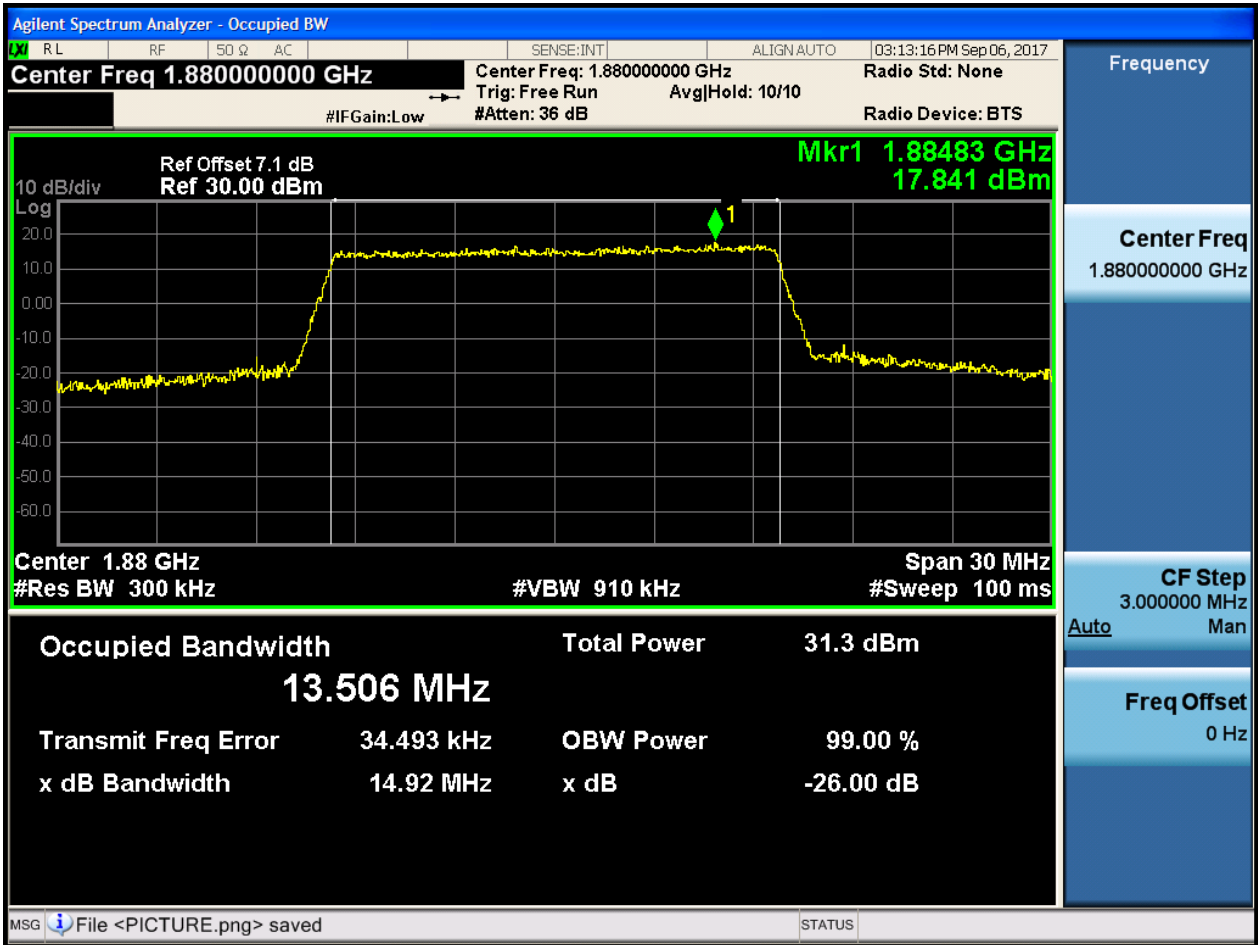
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

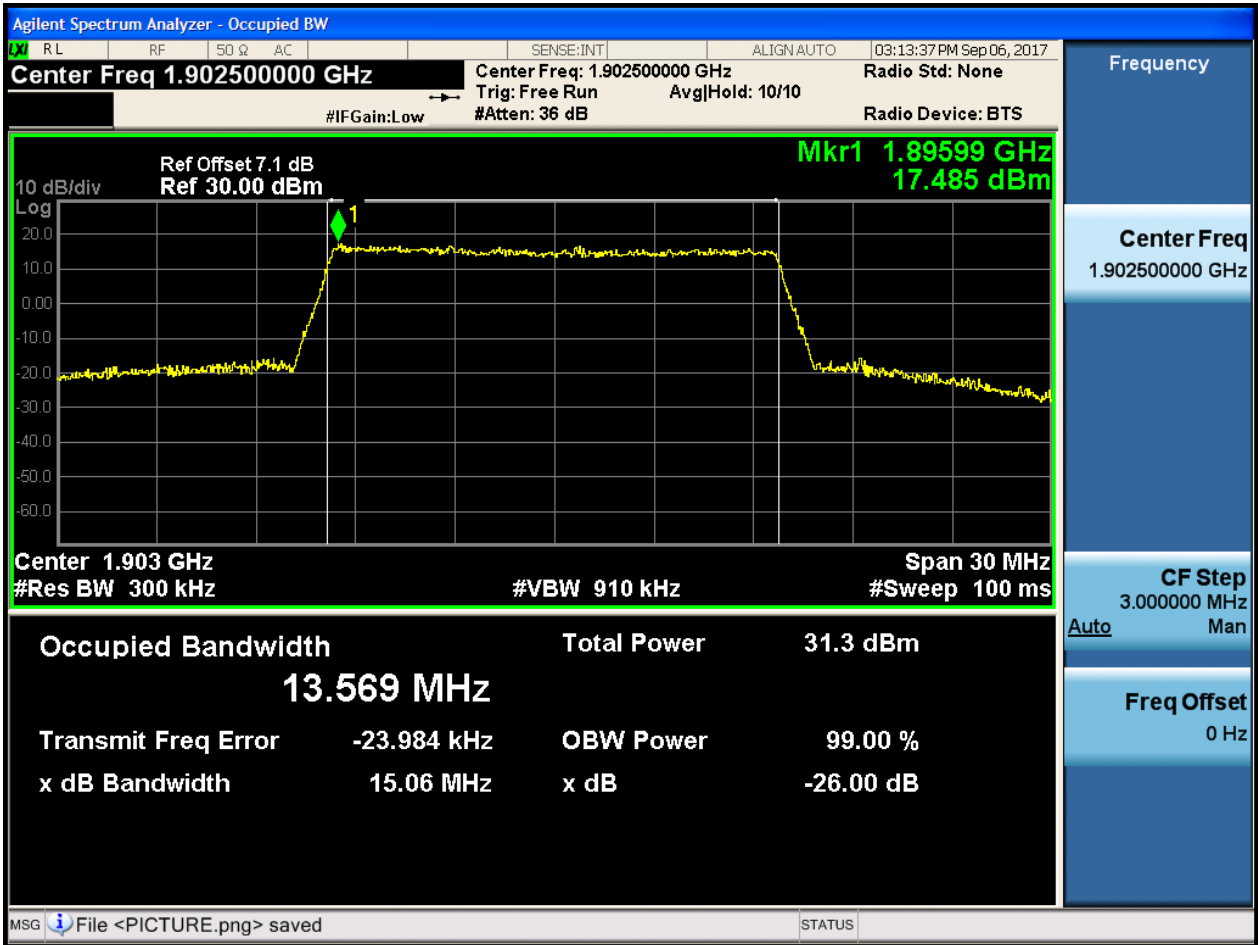
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

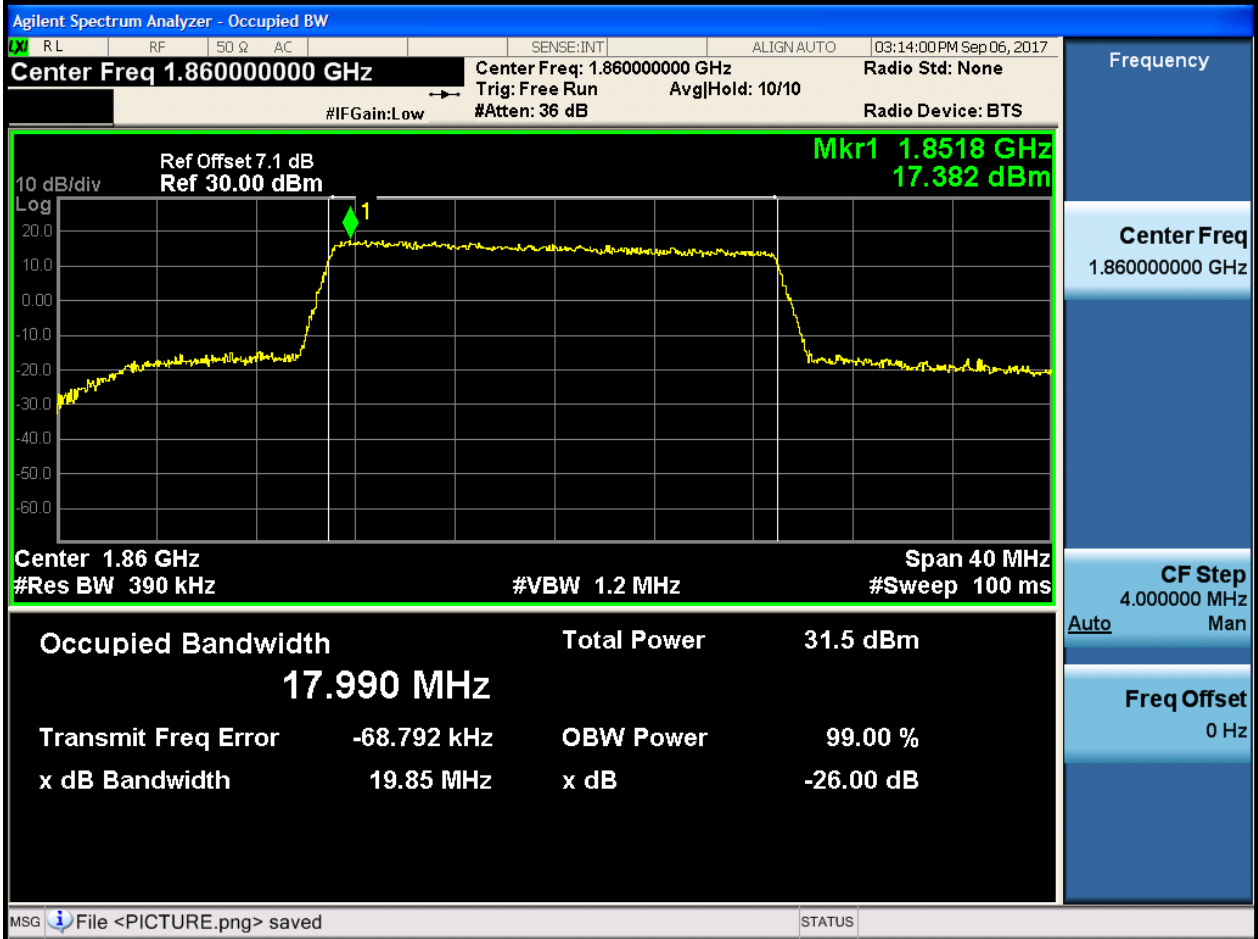




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

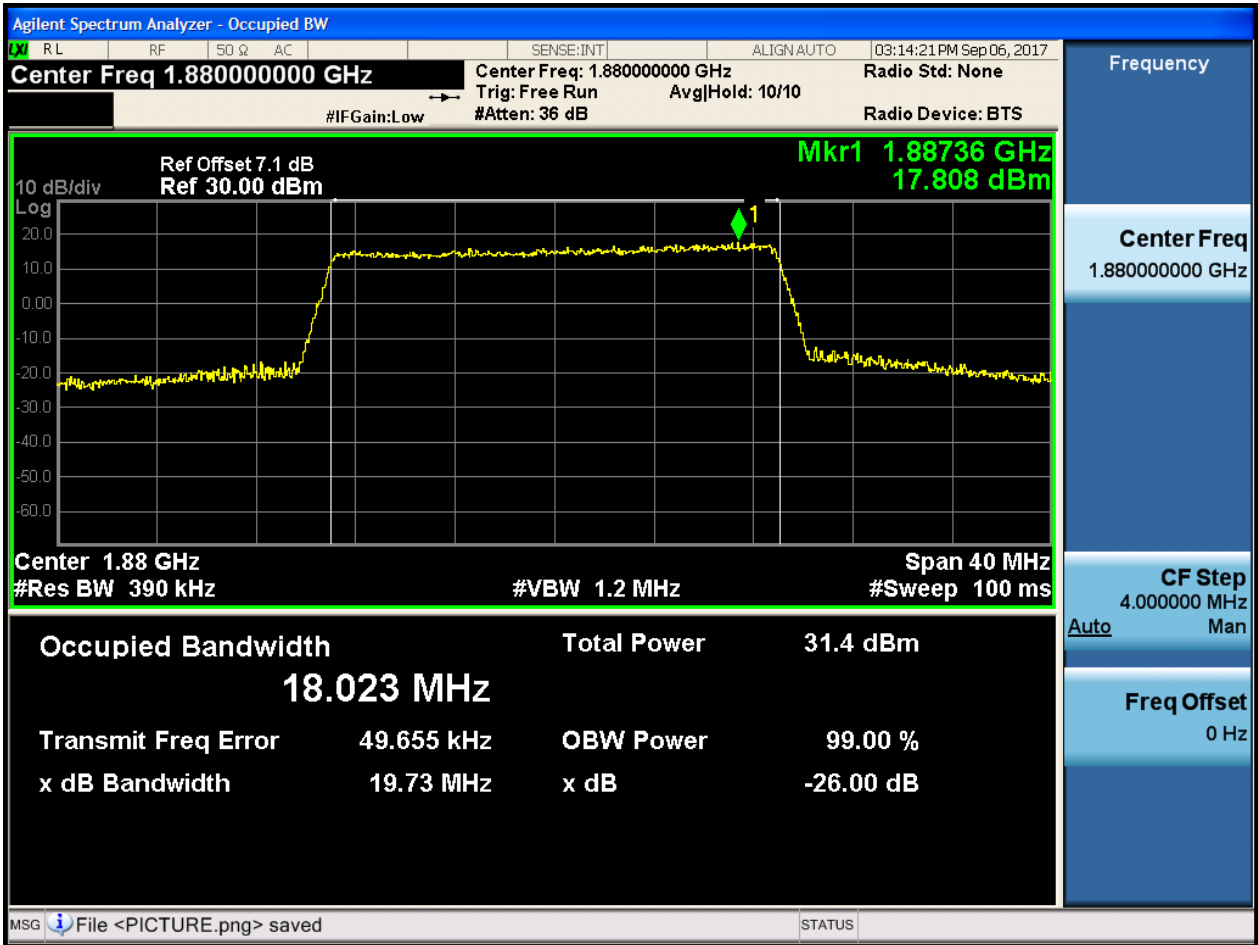
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

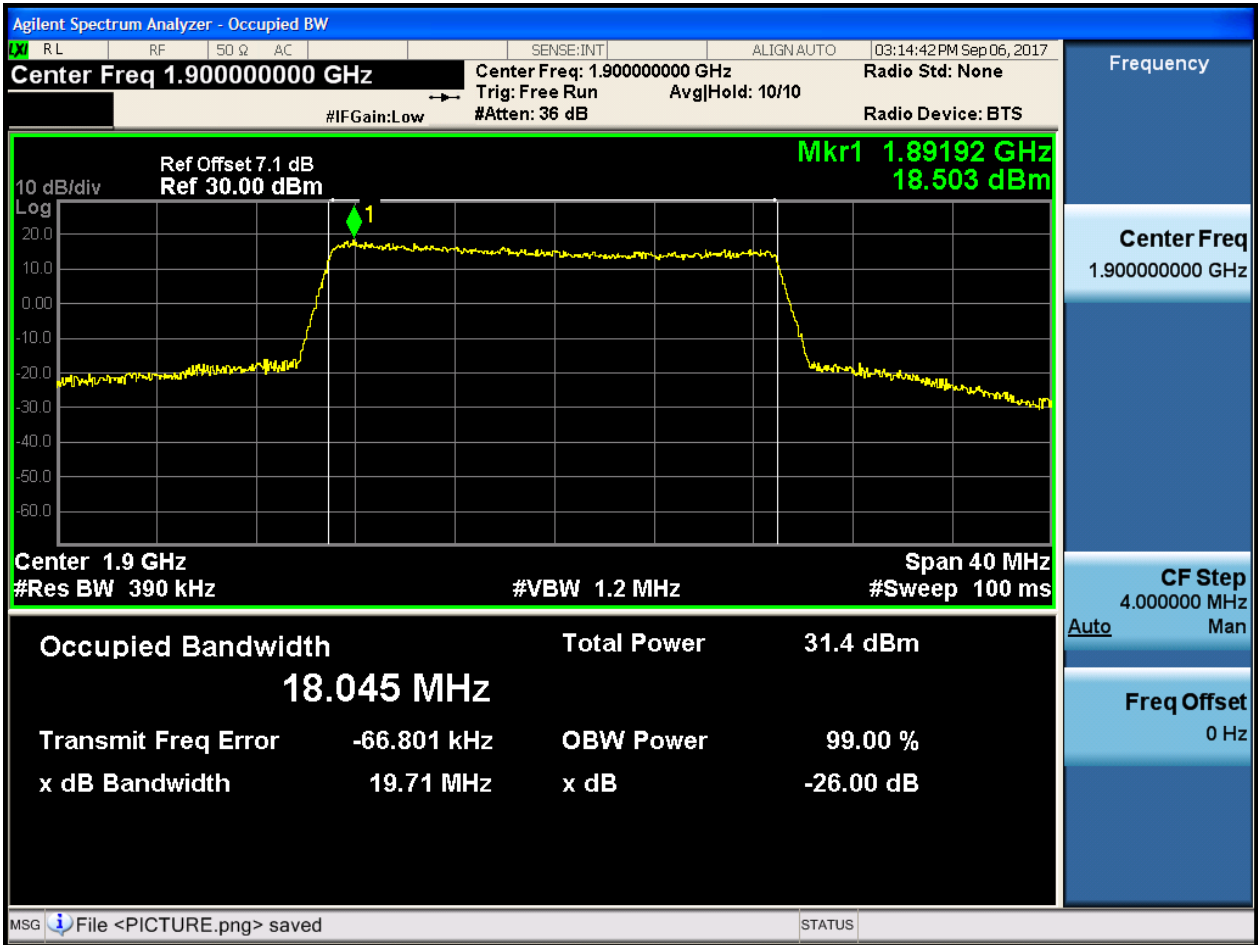
4.1.1.2.6.2.1 Test RB = RB100#0





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

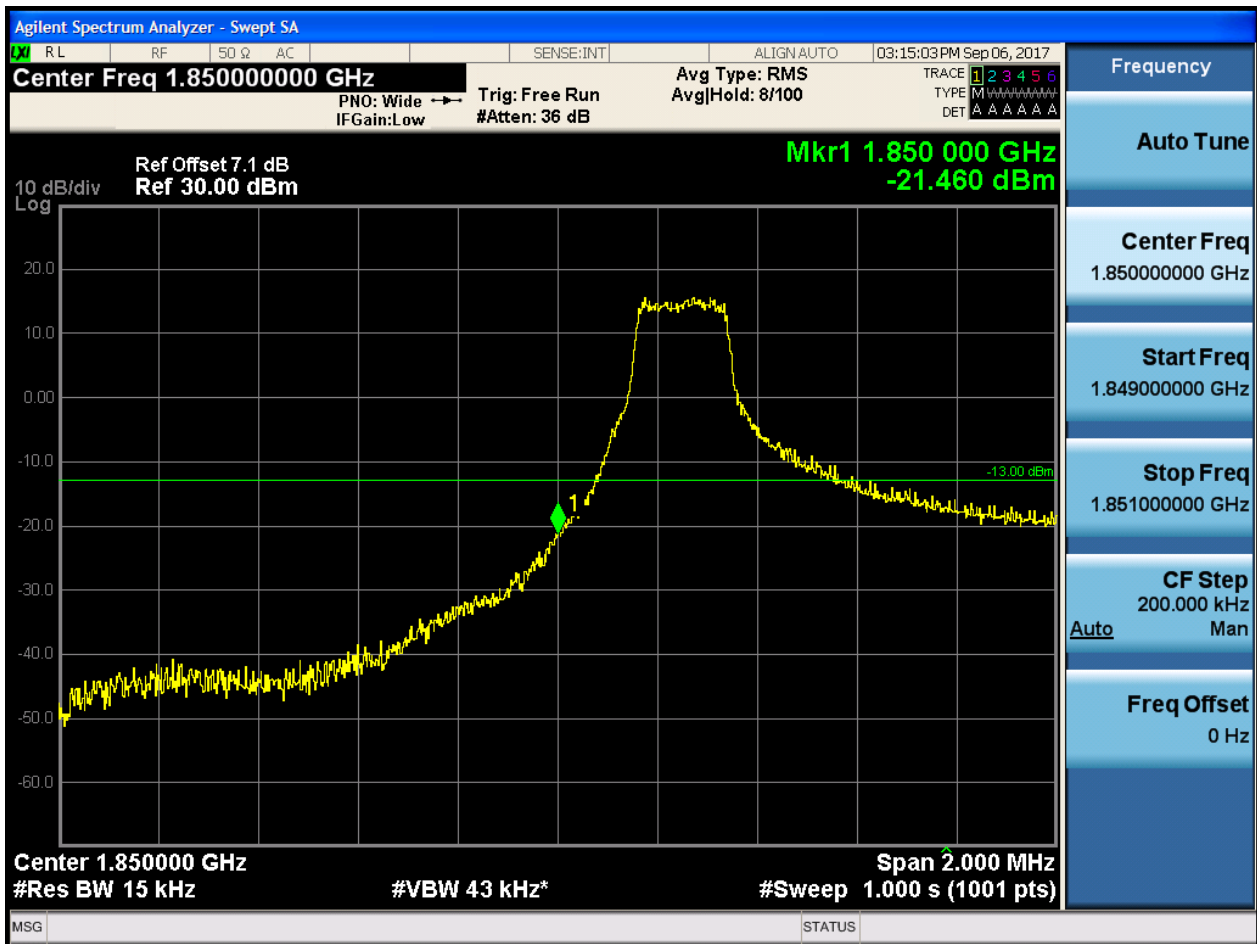
##### 5.1.1 Test Band = BAND2

##### 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



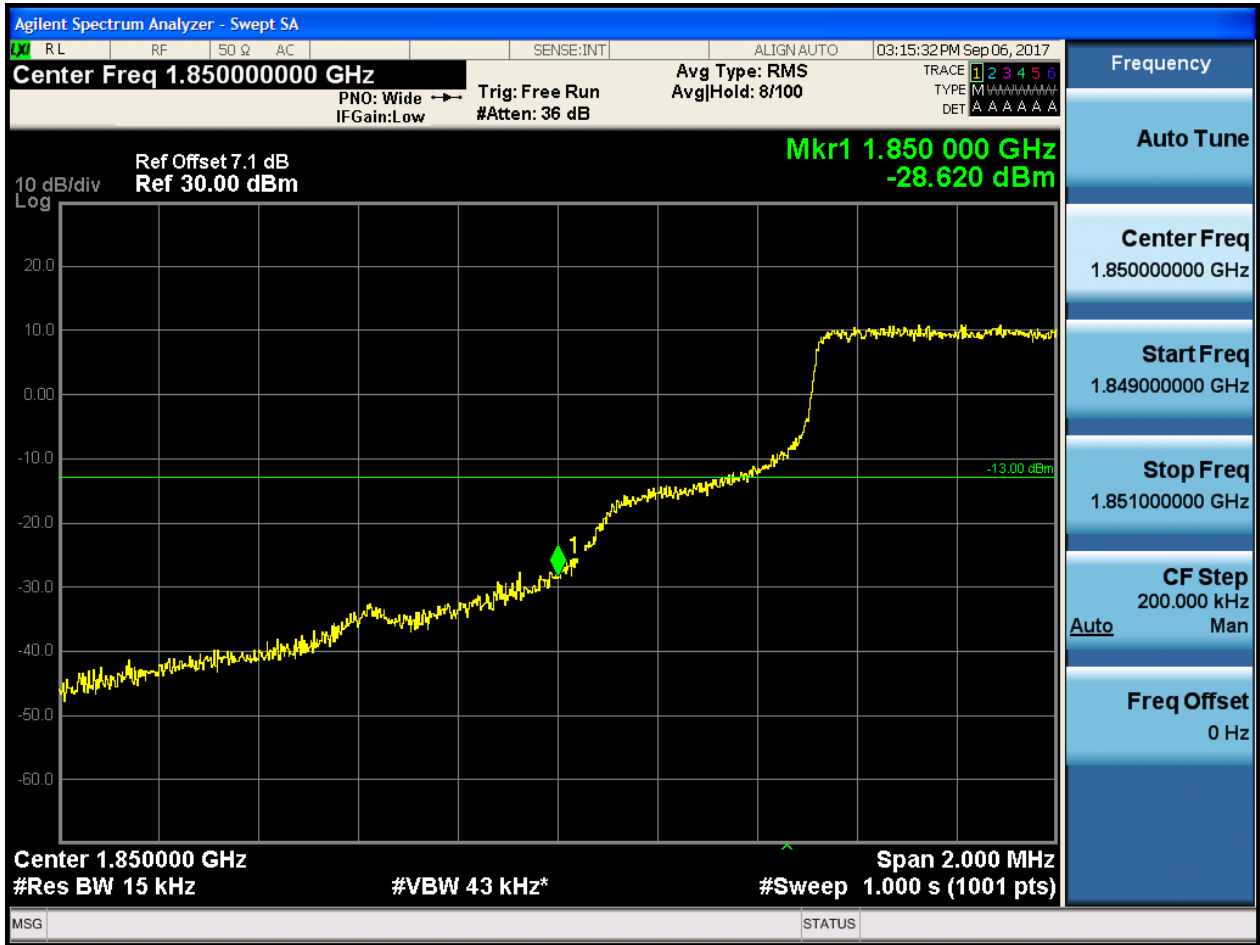


5.1.1.1.1.2 Test RB = RB1#5



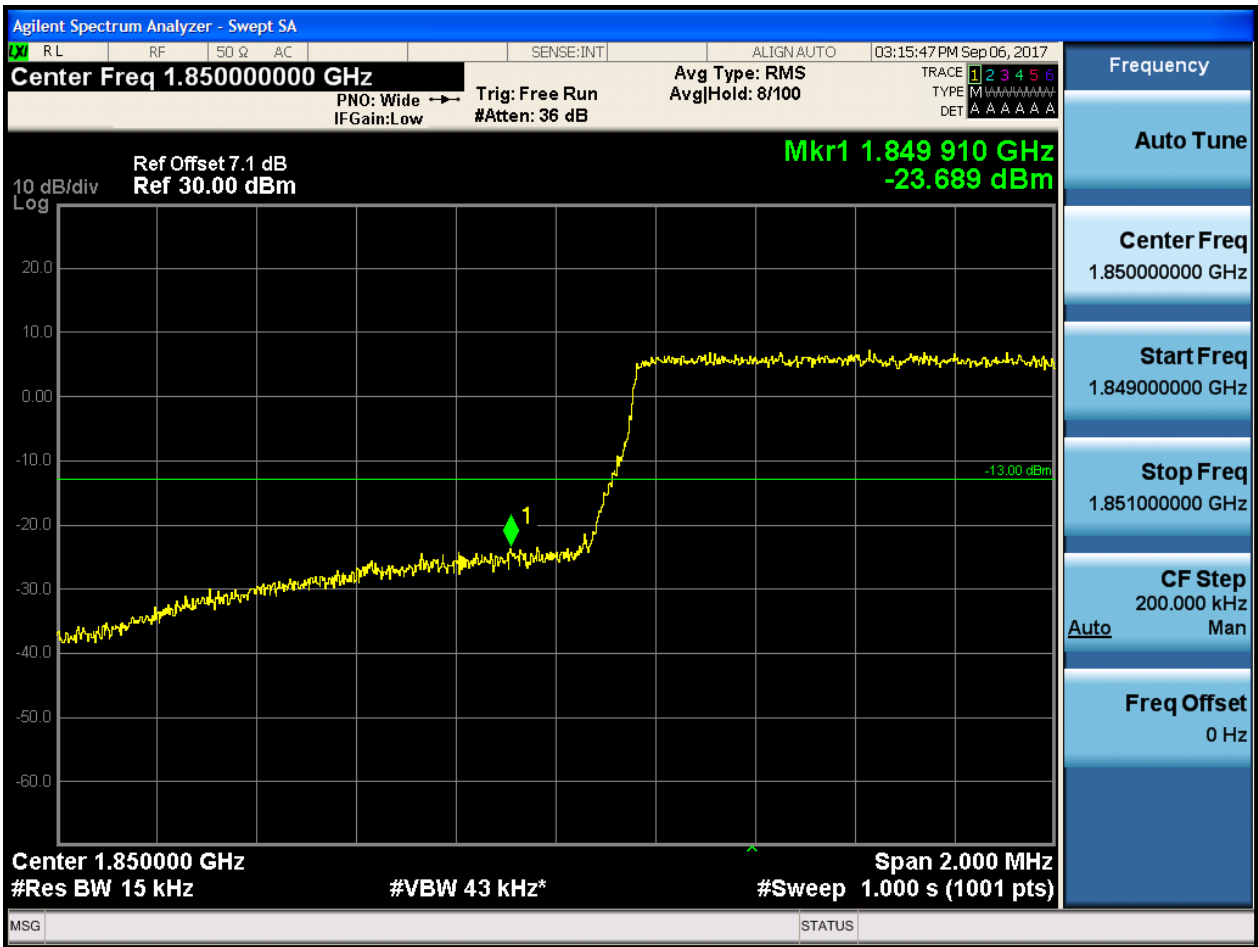


5.1.1.1.1.3 Test RB = RB3#2





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







5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

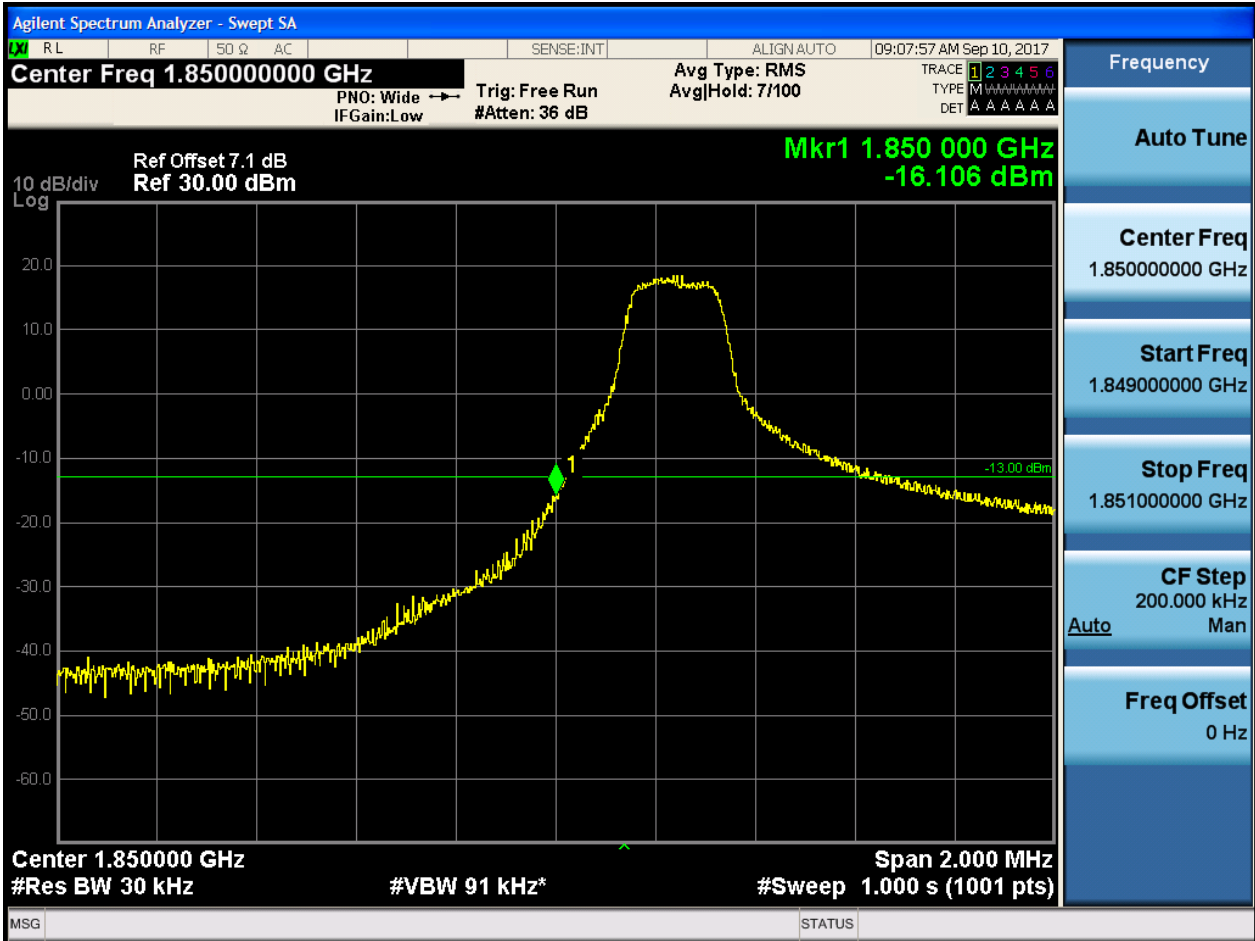




5.1.1.1.2 Test Bandwidth = 3

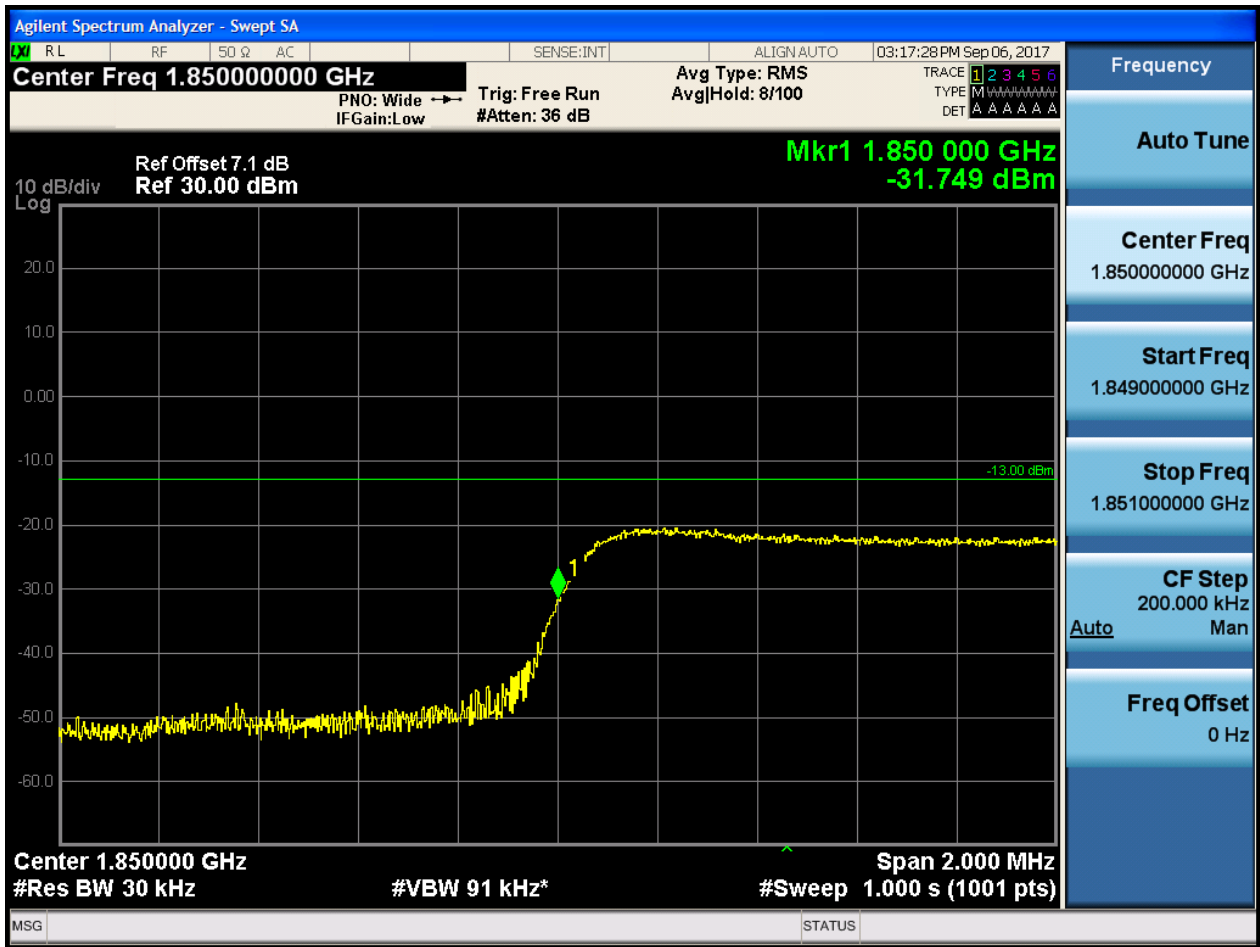
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



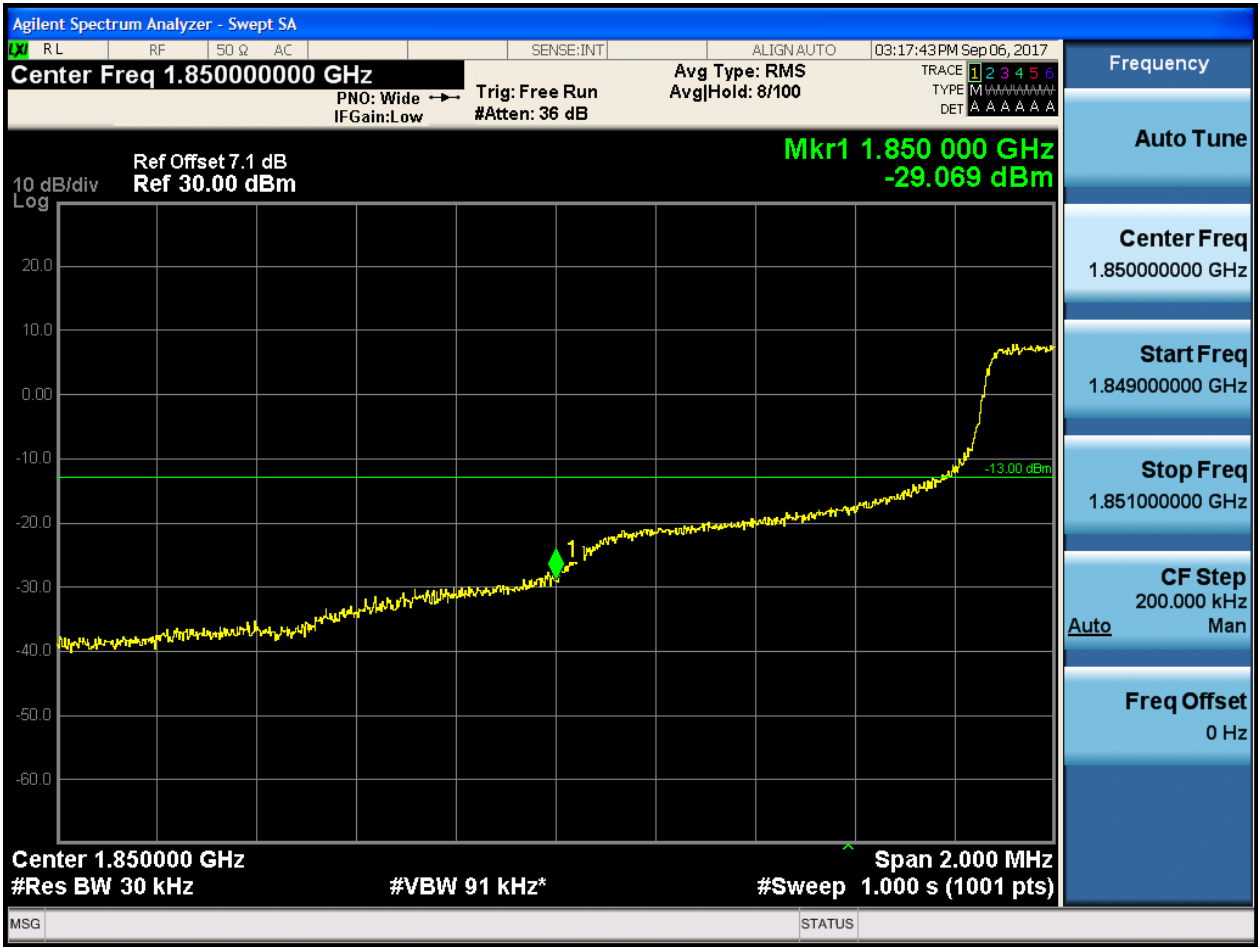


5.1.1.1.2.1.2 Test RB = RB1#14



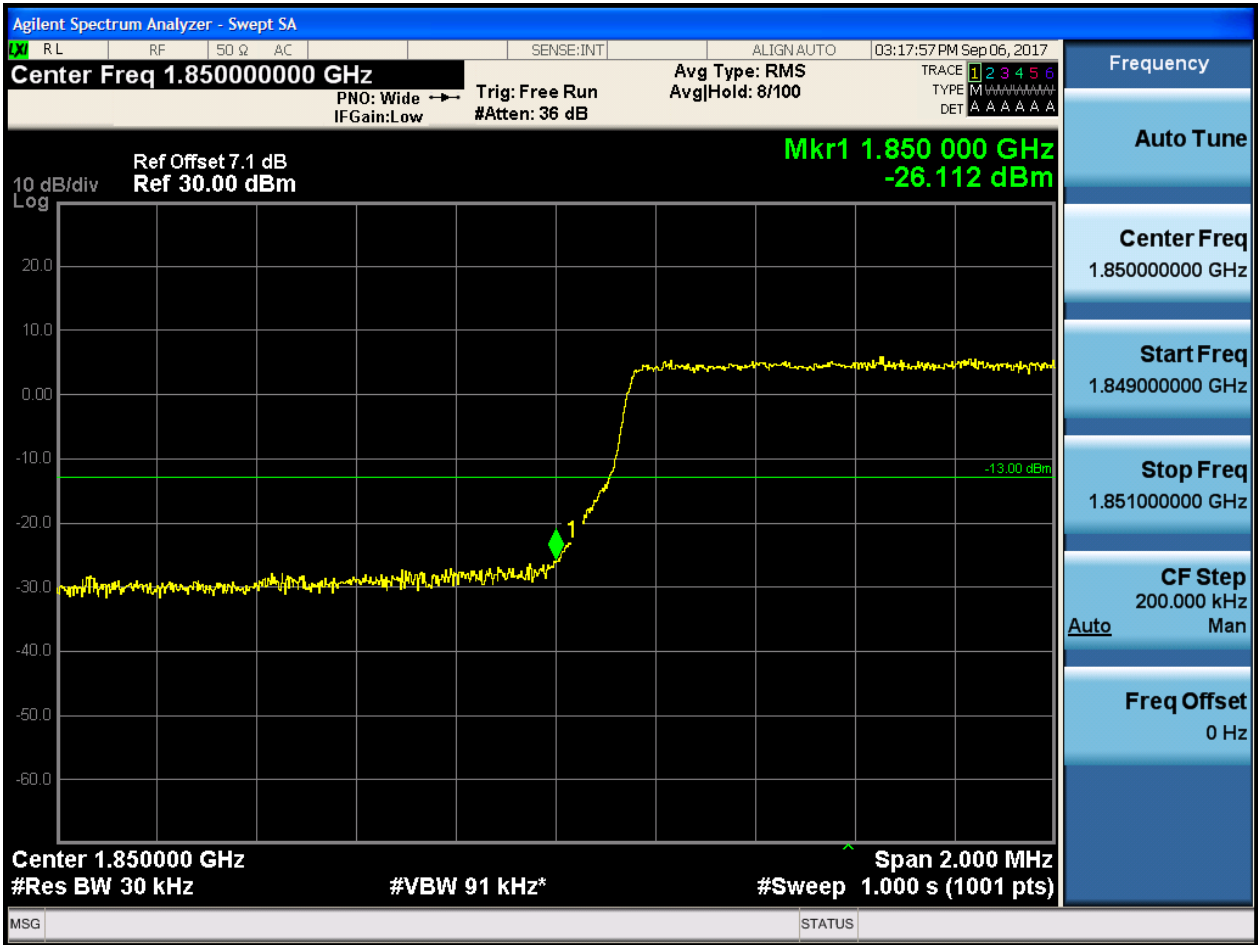


5.1.1.1.2.1.3 Test RB = RB8#4





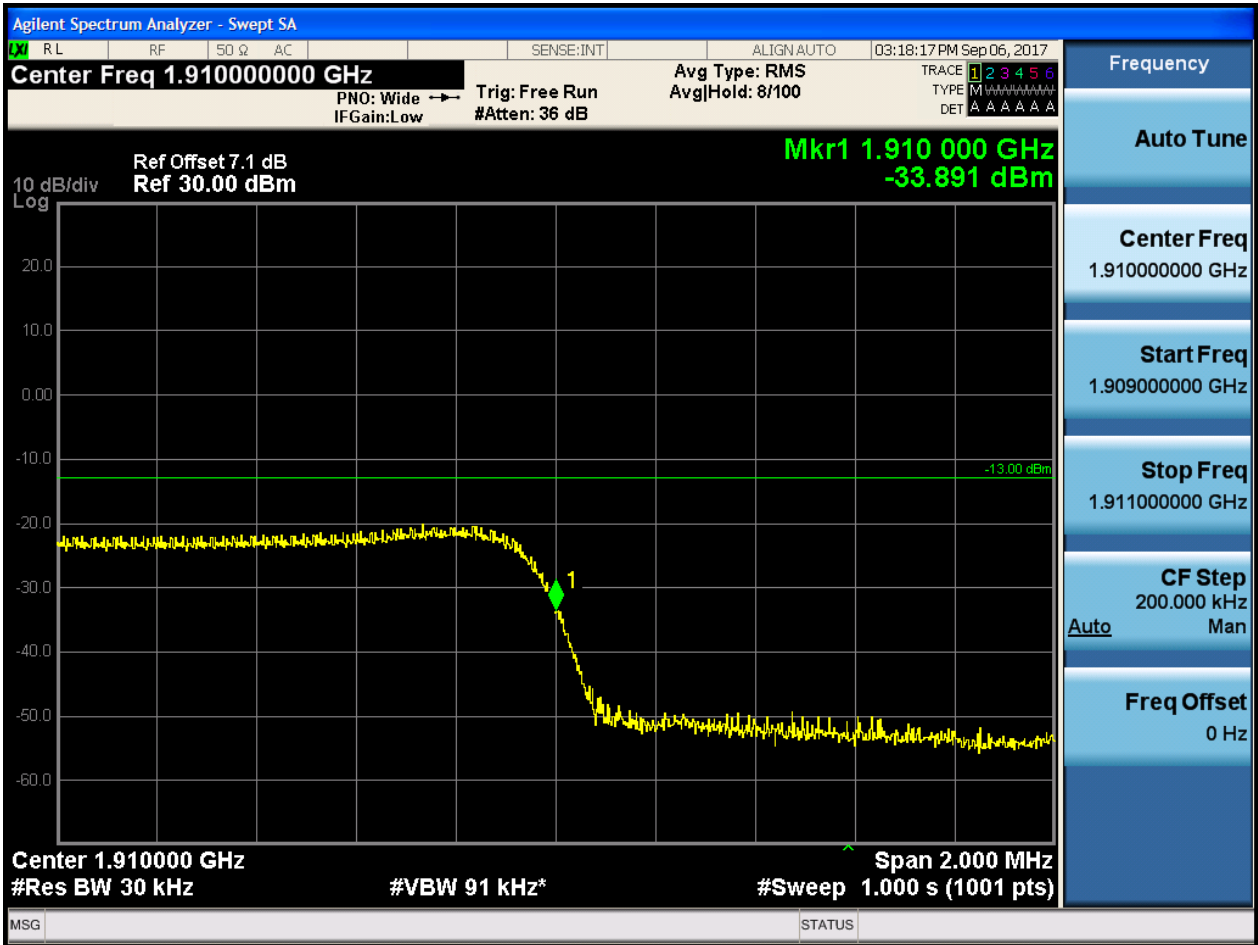
5.1.1.1.2.1.4 Test RB = RB15#0





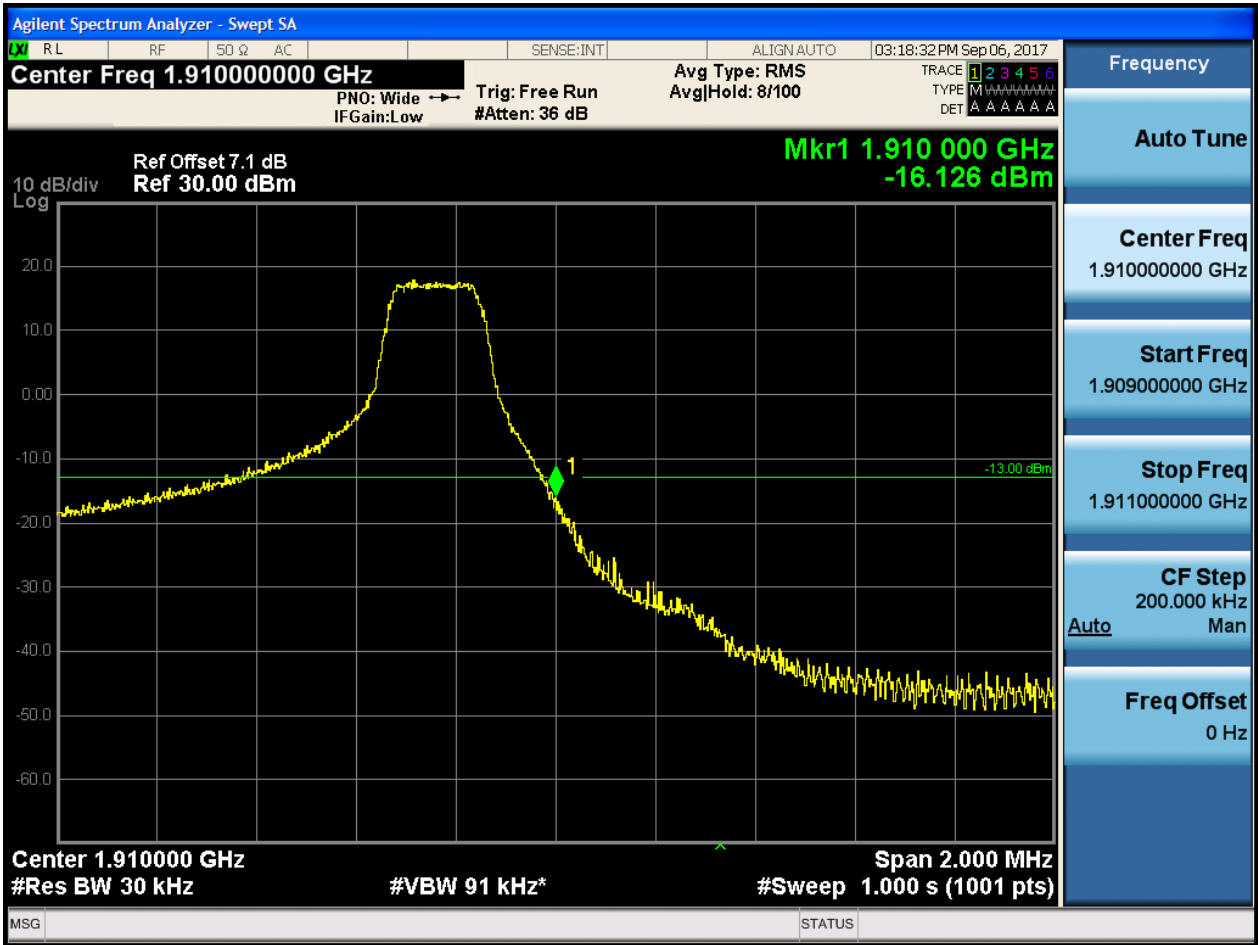
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





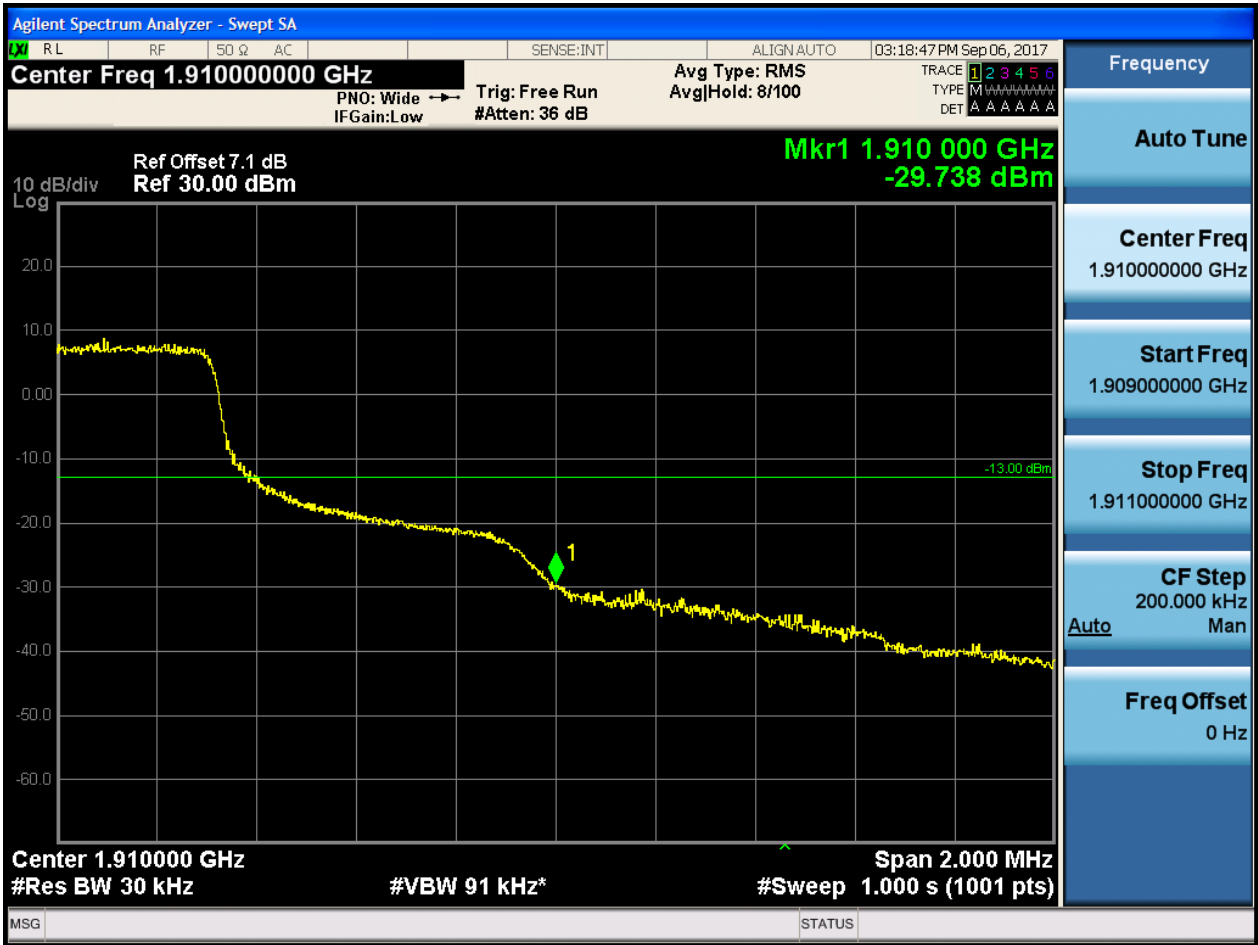
5.1.1.1.2.2.2 Test RB = RB1#14







5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

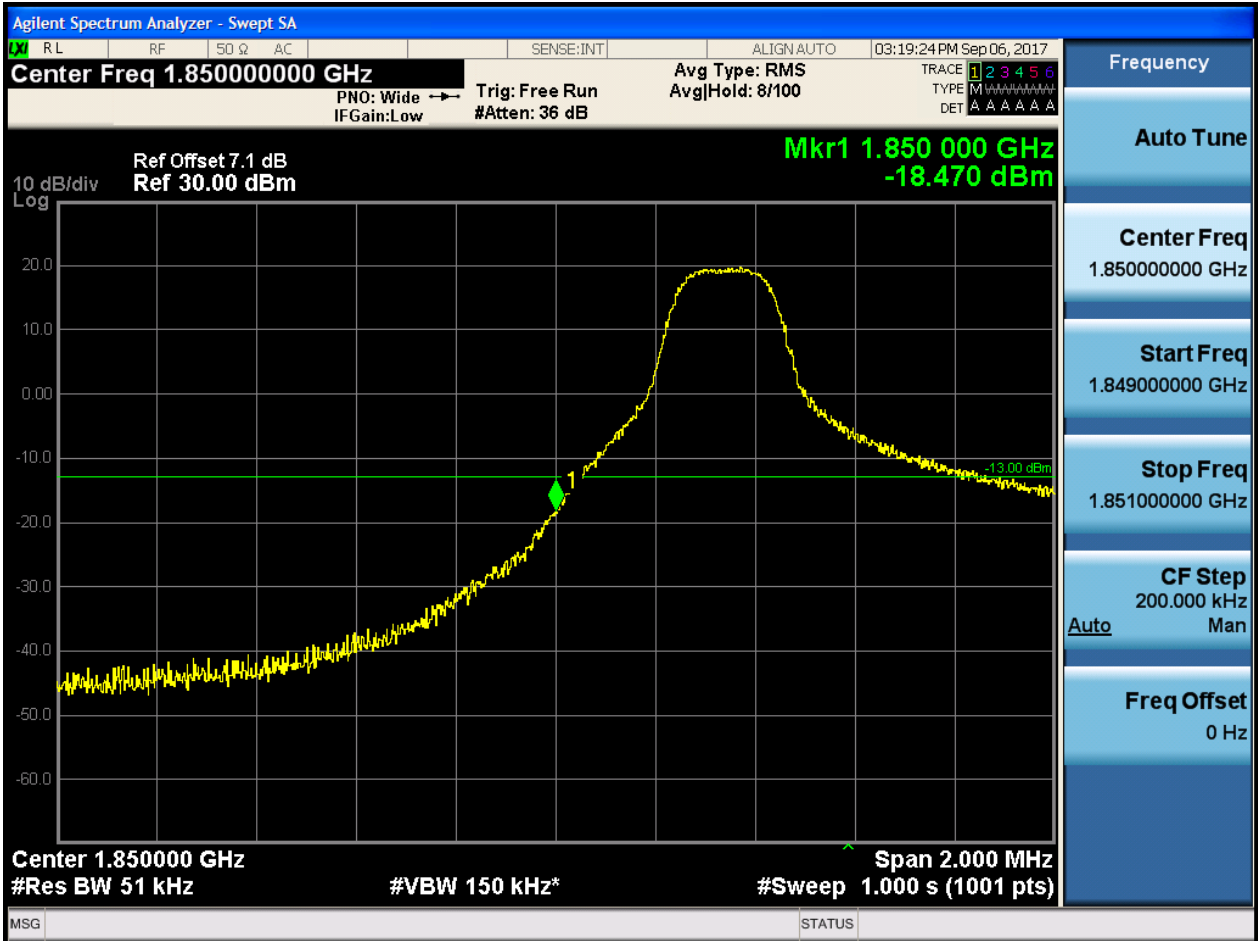




5.1.1.1.3 Test Bandwidth = 5

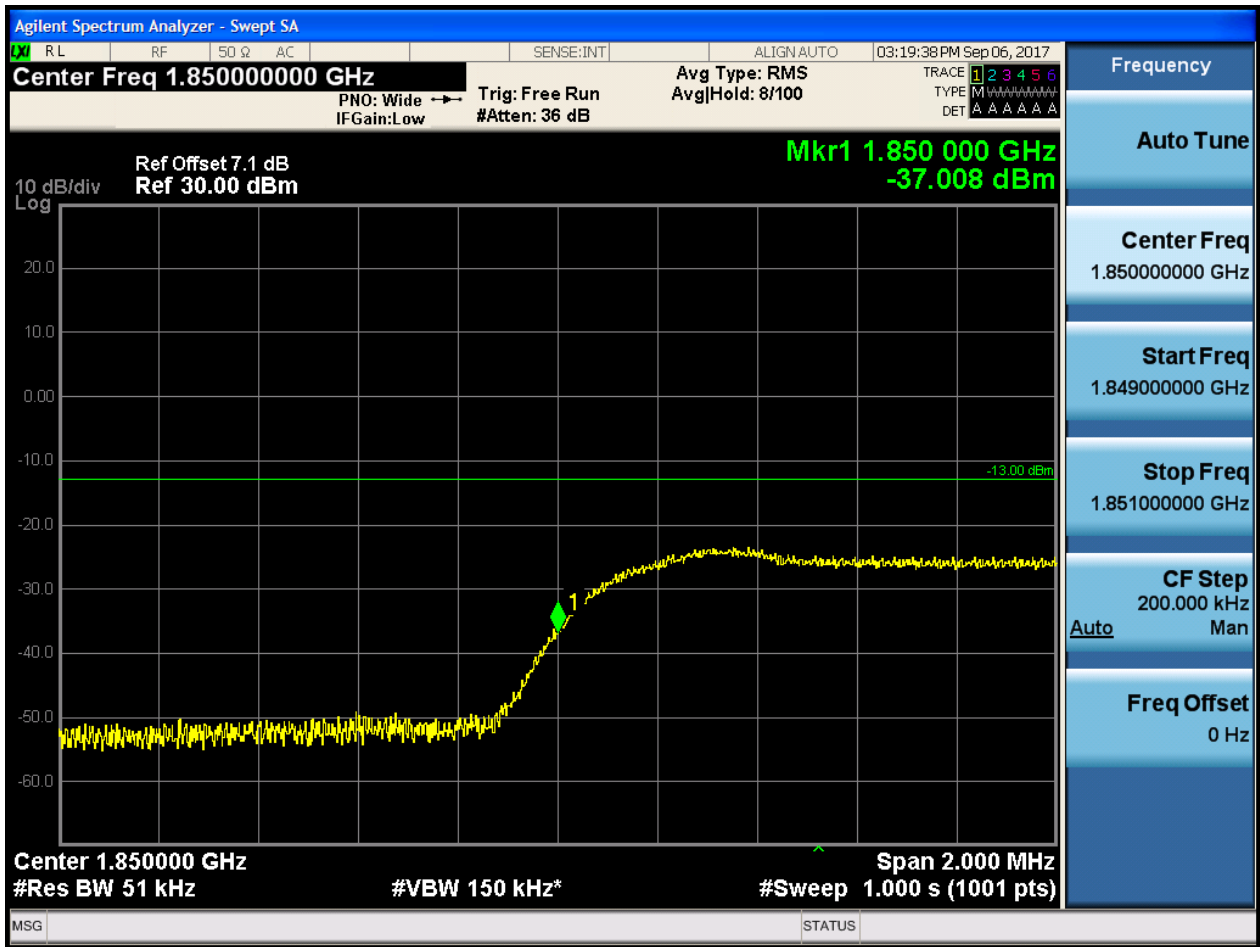
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



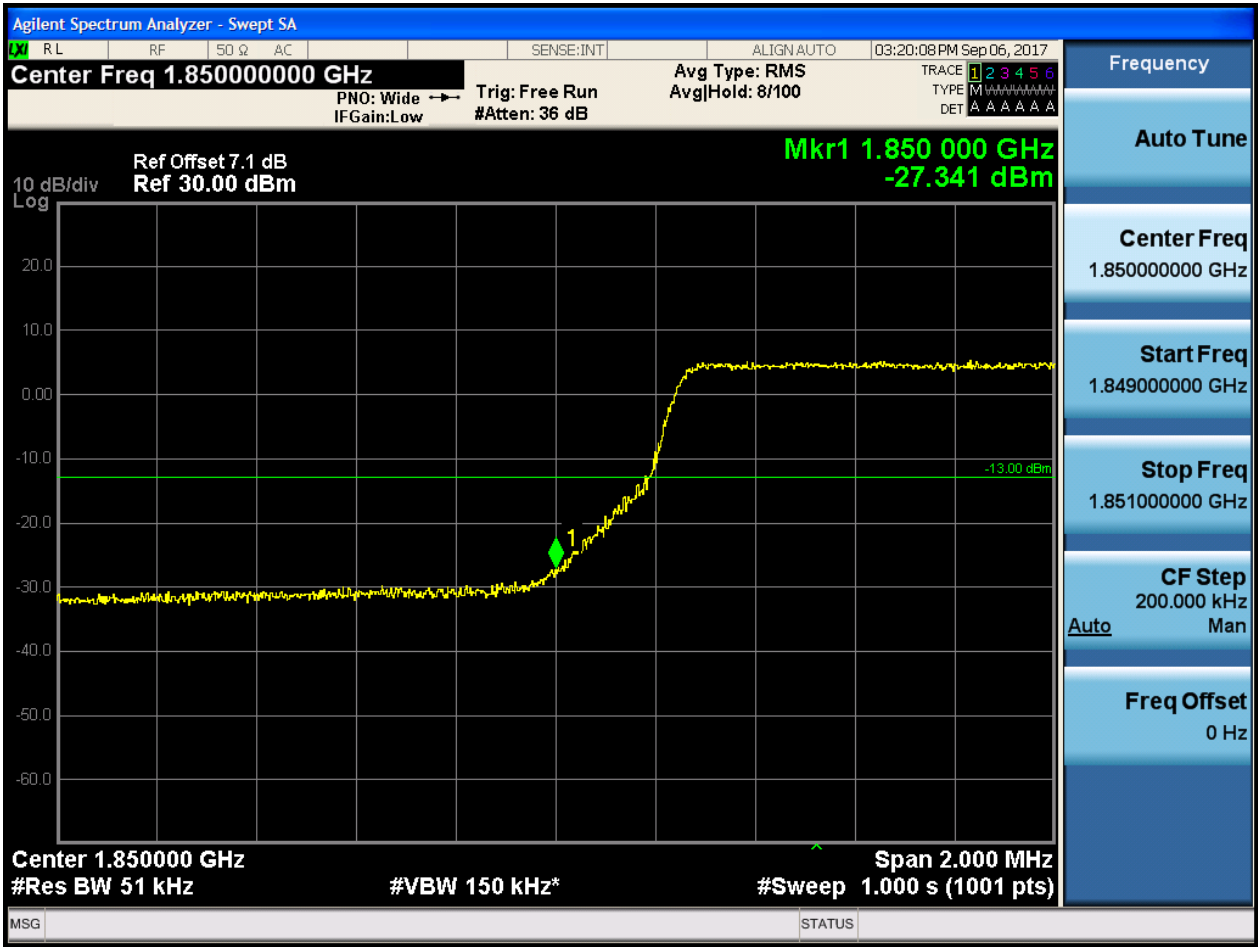


5.1.1.1.3.1.3 Test RB = RB12#6





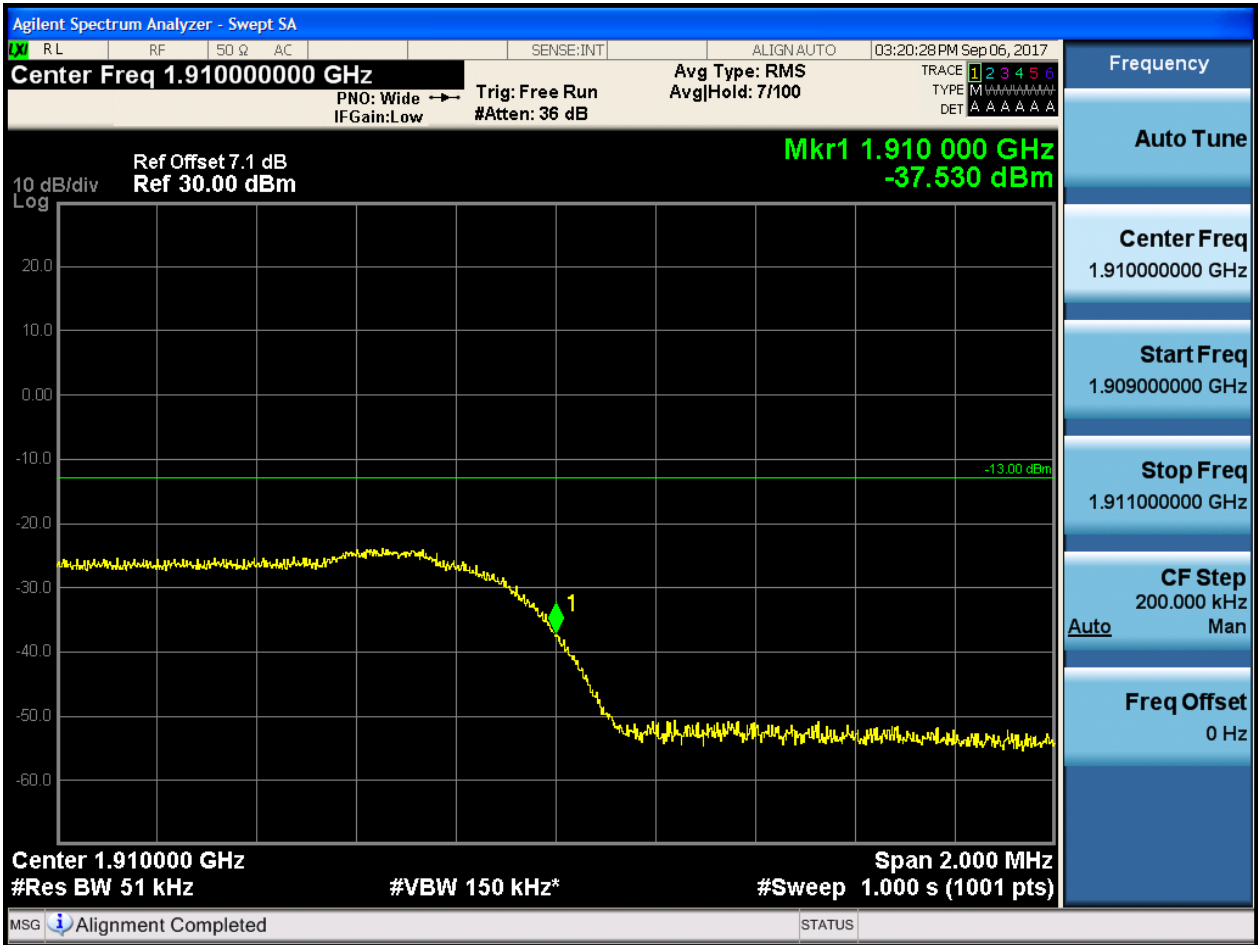
5.1.1.1.3.1.4 Test RB = RB25#0





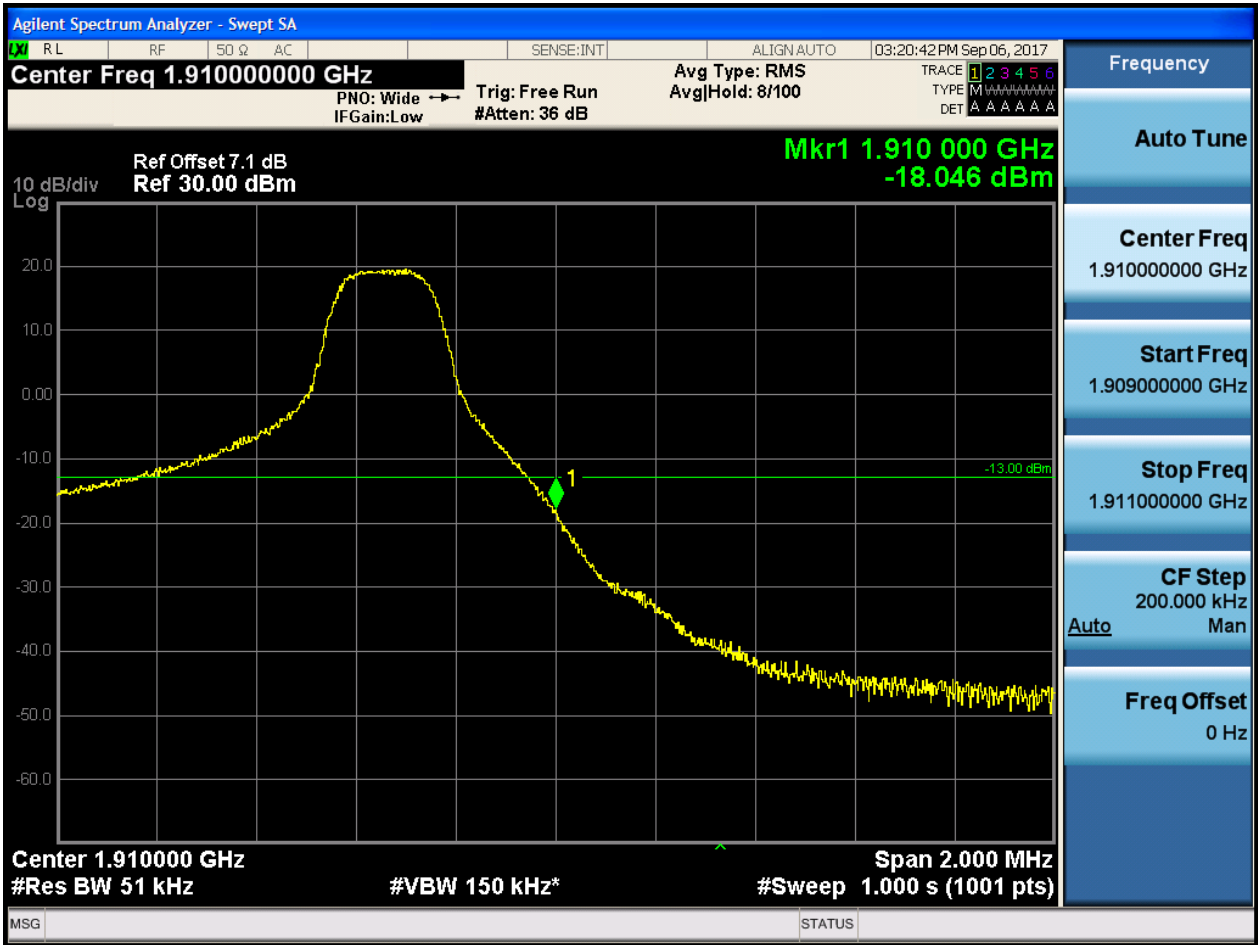
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





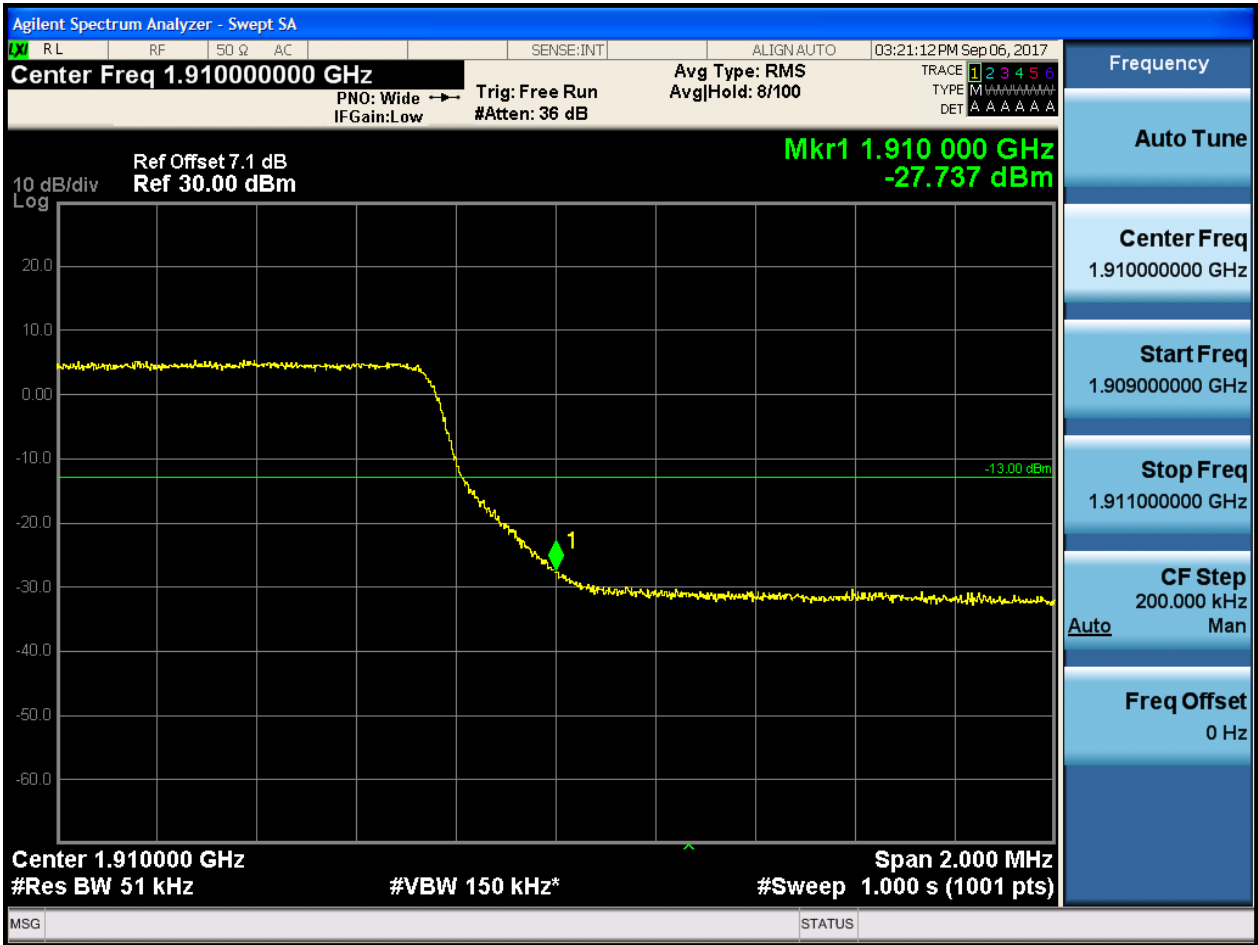


5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

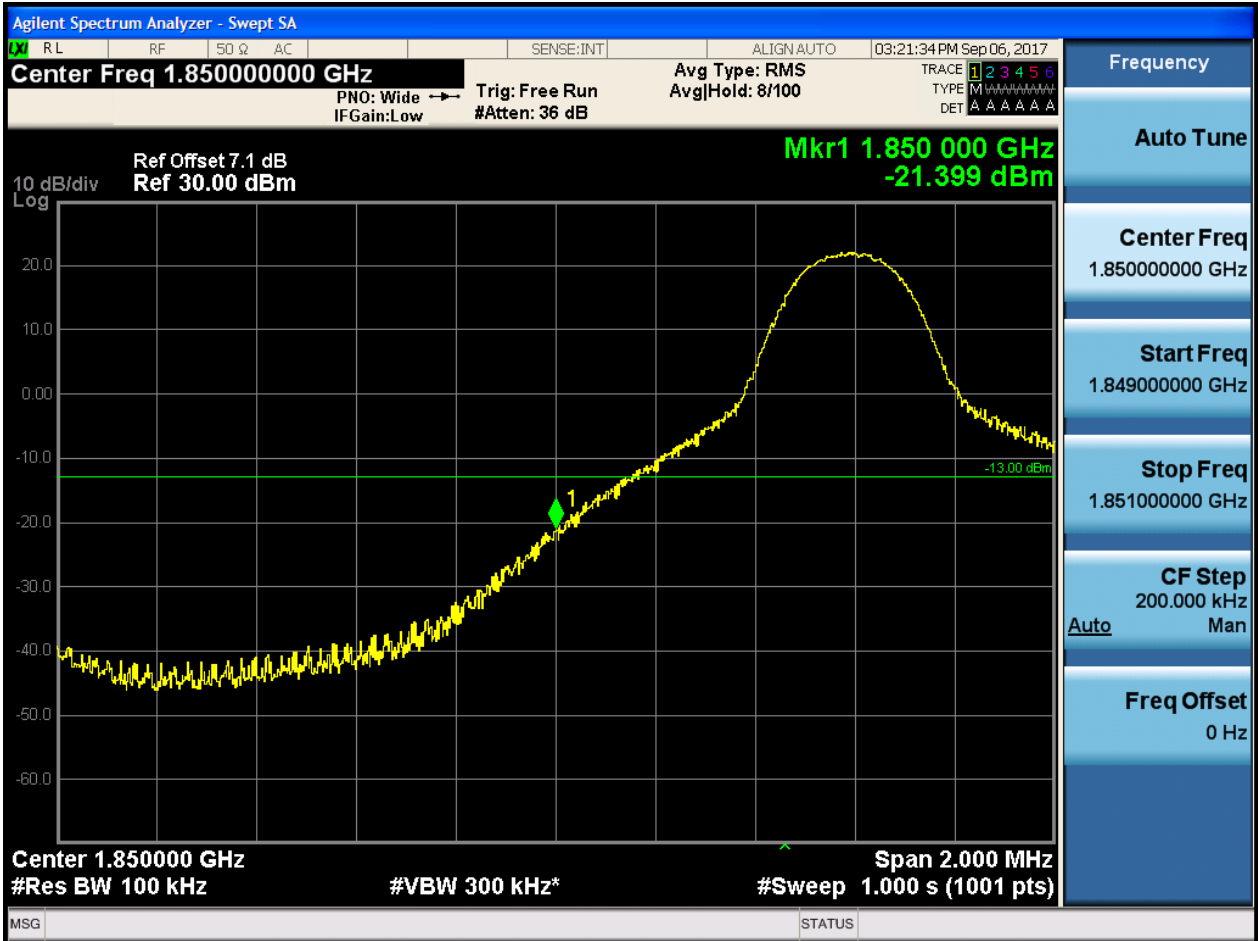




5.1.1.1.4 Test Bandwidth = 10

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

