



# 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	21.43	21.95	33	PASS
				RB1#3	21.51	22.03	33	PASS
				RB1#5	21.4	21.92	33	PASS
				RB3#0	21.49	22.01	33	PASS
				RB3#2	21.48	22	33	PASS
				RB3#3	21.48	22	33	PASS
				RB6#0	20.56	21.08	33	PASS
			MCH	RB1#0	21.87	22.39	33	PASS
				RB1#3	21.98	22.5	33	PASS
				RB1#5	21.83	22.35	33	PASS
				RB3#0	21.97	22.49	33	PASS
				RB3#2	21.99	22.51	33	PASS
				RB3#3	21.96	22.48	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.94	21.46	33	PASS
			HCH	RB1#0	21.55	22.07	33	PASS
				RB1#3	21.39	21.91	33	PASS
				RB1#5	21.08	21.6	33	PASS
				RB3#0	21.58	22.1	33	PASS
				RB3#2	21.38	21.9	33	PASS
				RB3#3	21.24	21.76	33	PASS
				RB6#0	20.59	21.11	33	PASS
		3		LCH	RB1#0	21.36	21.88	33
			RB1#7		21.53	22.05	33	PASS
			RB1#14		21.21	21.73	33	PASS
			RB8#0		20.57	21.09	33	PASS
			RB8#4		20.56	21.08	33	PASS
			RB8#7		20.46	20.98	33	PASS
			RB15#0		20.49	21.01	33	PASS
			MCH	RB1#0	21.68	22.2	33	PASS
				RB1#7	22.05	22.57	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#14	21.76	22.28	33	PASS		
				RB8#0	20.88	21.4	33	PASS		
				RB8#4	20.96	21.48	33	PASS		
				RB8#7	20.87	21.39	33	PASS		
				RB15#0	20.9	21.42	33	PASS		
			HCH	RB1#0	21.87	22.39	33	PASS		
				RB1#7	21.82	22.34	33	PASS		
				RB1#14	20.97	21.49	33	PASS		
				RB8#0	20.97	21.49	33	PASS		
				RB8#4	20.82	21.34	33	PASS		
		5	LCH	RB8#7	20.6	21.12	33	PASS		
				RB15#0	20.76	21.28	33	PASS		
				RB1#0	21.39	21.91	33	PASS		
				RB1#13	21.57	22.09	33	PASS		
				RB1#24	21.11	21.63	33	PASS		
						RB12#0	20.59	21.11	33	PASS
						RB12#6	20.6	21.12	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict			
				RB12#13	20.4	20.92	33	PASS			
				RB25#0	20.44	20.96	33	PASS			
			MCH	RB1#0	21.68	22.2	33	PASS			
				RB1#13	22.11	22.63	33	PASS			
				RB1#24	21.68	22.2	33	PASS			
				RB12#0	20.91	21.43	33	PASS			
				RB12#6	21.01	21.53	33	PASS			
				RB12#13	20.94	21.46	33	PASS			
				RB25#0	20.95	21.47	33	PASS			
			HCH	RB1#0	21.86	22.38	33	PASS			
				RB1#13	22.12	22.64	33	PASS			
				RB1#24	21	21.52	33	PASS			
				RB12#0	21.13	21.65	33	PASS			
				RB12#6	21.11	21.63	33	PASS			
				RB12#13	20.72	21.24	33	PASS			
					10	LCH	RB1#0	21.33	21.85	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.55	22.07	33	PASS
				RB1#49	20.95	21.47	33	PASS
				RB25#0	20.53	21.05	33	PASS
				RB25#13	20.49	21.01	33	PASS
				RB25#25	20.3	20.82	33	PASS
				RB50#0	20.43	20.95	33	PASS
			MCH	RB1#0	21.43	21.95	33	PASS
				RB1#25	22.07	22.59	33	PASS
				RB1#49	21.62	22.14	33	PASS
				RB25#0	20.82	21.34	33	PASS
				RB25#13	20.99	21.51	33	PASS
				RB25#25	20.89	21.41	33	PASS
				RB50#0	20.79	21.31	33	PASS
			HCH	RB1#0	21.23	21.75	33	PASS
				RB1#25	22.1	22.62	33	PASS
				RB1#49	21.14	21.66	33	PASS
				RB25#0	20.87	21.39	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB25#13	20.93	21.45	33	PASS	
				RB25#25	20.78	21.3	33	PASS	
				RB50#0	20.64	21.16	33	PASS	
		15	LCH	RB1#0	21.16	21.68	33	PASS	
				RB1#38	21.45	21.97	33	PASS	
				RB1#74	20.7	21.22	33	PASS	
				RB38#0	20.38	20.9	33	PASS	
				RB38#19	20.41	20.93	33	PASS	
				RB38#39	20.21	20.73	33	PASS	
				RB75#0	20.27	20.79	33	PASS	
				MCH	RB1#0	20.99	21.51	33	PASS
					RB1#38	22.04	22.56	33	PASS
					RB1#74	21.14	21.66	33	PASS
					RB38#0	20.57	21.09	33	PASS
					RB38#19	20.86	21.38	33	PASS
RB38#39	20.69	21.21	33		PASS				
				RB75#0	20.67	21.19	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	20.73	21.25	33	PASS
				RB1#38	21.8	22.32	33	PASS
				RB1#74	20.98	21.5	33	PASS
				RB38#0	20.43	20.95	33	PASS
				RB38#19	20.84	21.36	33	PASS
				RB38#39	20.69	21.21	33	PASS
				RB75#0	20.37	20.89	33	PASS
		20	LCH	RB1#0	21.04	21.56	33	PASS
				RB1#50	21.47	21.99	33	PASS
				RB1#99	20.55	21.07	33	PASS
				RB50#0	20.32	20.84	33	PASS
				RB50#25	20.46	20.98	33	PASS
				RB50#50	20.07	20.59	33	PASS
				RB100#0	20.17	20.69	33	PASS
			MCH	RB1#0	20.86	21.38	33	PASS
				RB1#50	22.14	22.66	33	PASS
				RB1#99	20.91	21.43	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.54	21.06	33	PASS
				RB50#25	20.82	21.34	33	PASS
				RB50#50	20.58	21.1	33	PASS
				RB100#0	20.6	21.12	33	PASS
			HCH	RB1#0	20.97	21.49	33	PASS
				RB1#50	21.52	22.04	33	PASS
				RB1#99	20.99	21.51	33	PASS
				RB50#0	20.06	20.58	33	PASS
				RB50#25	20.51	21.03	33	PASS
				RB50#50	20.3	20.82	33	PASS
				RB100#0	20.14	20.66	33	PASS
				LCH	RB1#0	20.53	21.05	33
			RB1#3		20.48	21	33	PASS
			RB1#5		20.5	21.02	33	PASS
RB3#0	20.56	21.08	33		PASS			
RB3#2	20.5	21.02	33		PASS			
RB3#3	20.46	20.98	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.54	21.06	33	PASS
			MCH	RB1#0	21.16	21.68	33	PASS
				RB1#3	21.26	21.78	33	PASS
				RB1#5	21.11	21.63	33	PASS
				RB3#0	20.86	21.38	33	PASS
				RB3#2	20.89	21.41	33	PASS
				RB3#3	20.86	21.38	33	PASS
				RB6#0	20.95	21.47	33	PASS
				HCH	RB1#0	20.73	21.25	33
			RB1#3		20.57	21.09	33	PASS
			RB1#5		20.25	20.77	33	PASS
			RB3#0		20.6	21.12	33	PASS
			RB3#2		20.42	20.94	33	PASS
			RB3#3		20.34	20.86	33	PASS
			RB6#0		20.56	21.08	33	PASS
		3	LCH		RB1#0	20.35	20.87	33
				RB1#7	20.54	21.06	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	20.23	20.75	33	PASS
				RB8#0	20.56	21.08	33	PASS
				RB8#4	20.56	21.08	33	PASS
				RB8#7	20.46	20.98	33	PASS
				RB15#0	20.43	20.95	33	PASS
			MCH	RB1#0	20.74	21.26	33	PASS
			MCH	RB1#7	20.94	21.46	33	PASS
			MCH	RB1#14	20.68	21.2	33	PASS
			MCH	RB8#0	20.93	21.45	33	PASS
			MCH	RB8#4	21	21.52	33	PASS
			MCH	RB8#7	20.91	21.43	33	PASS
			MCH	RB15#0	20.83	21.35	33	PASS
			HCH	RB1#0	20.89	21.41	33	PASS
			HCH	RB1#7	20.93	21.45	33	PASS
			HCH	RB1#14	20.11	20.63	33	PASS
			HCH	RB8#0	20.94	21.46	33	PASS
			HCH	RB8#4	20.77	21.29	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.56	21.08	33	PASS
				RB15#0	20.65	21.17	33	PASS
		5	LCH	RB1#0	20.53	21.05	33	PASS
				RB1#13	20.78	21.3	33	PASS
				RB1#24	20.29	20.81	33	PASS
				RB12#0	20.52	21.04	33	PASS
				RB12#6	20.53	21.05	33	PASS
				RB12#13	20.34	20.86	33	PASS
				RB25#0	20.36	20.88	33	PASS
			MCH	RB1#0	20.89	21.41	33	PASS
				RB1#13	21.26	21.78	33	PASS
				RB1#24	20.84	21.36	33	PASS
				RB12#0	20.93	21.45	33	PASS
				RB12#6	20.96	21.48	33	PASS
				RB12#13	20.82	21.34	33	PASS
HCH	RB25#0	20.79	21.31	33	PASS			
			HCH	RB1#0	20.97	21.49	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#13	21.24	21.76	33	PASS	
				RB1#24	20.18	20.7	33	PASS	
				RB12#0	21.01	21.53	33	PASS	
				RB12#6	21.03	21.55	33	PASS	
				RB12#13	20.66	21.18	33	PASS	
				RB25#0	20.76	21.28	33	PASS	
		10	LCH	RB1#0	20.42	20.94	33	PASS	
				RB1#25	20.7	21.22	33	PASS	
				RB1#49	20.17	20.69	33	PASS	
				RB25#0	20.45	20.97	33	PASS	
				RB25#13	20.45	20.97	33	PASS	
				RB25#25	20.28	20.8	33	PASS	
				RB50#0	20.39	20.91	33	PASS	
				MCH	RB1#0	20.54	21.06	33	PASS
					RB1#25	21.13	21.65	33	PASS
					RB1#49	20.66	21.18	33	PASS
RB25#0	20.73	21.25	33		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.01	21.53	33	PASS
				RB25#25	20.85	21.37	33	PASS
				RB50#0	20.75	21.27	33	PASS
			HCH	RB1#0	20.39	20.91	33	PASS
				RB1#25	21.18	21.7	33	PASS
				RB1#49	20.31	20.83	33	PASS
				RB25#0	20.84	21.36	33	PASS
				RB25#13	20.9	21.42	33	PASS
				RB25#25	20.66	21.18	33	PASS
		RB50#0	20.61	21.13	33	PASS		
		15	LCH	RB1#0	20.19	20.71	33	PASS
				RB1#38	20.5	21.02	33	PASS
				RB1#74	19.64	20.16	33	PASS
				RB38#0	20.36	20.88	33	PASS
				RB38#19	20.39	20.91	33	PASS
RB38#39	20.16			20.68	33	PASS		
				RB75#0	20.15	20.67	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	20.05	20.57	33	PASS
				RB1#38	21.23	21.75	33	PASS
				RB1#74	20.27	20.79	33	PASS
				RB38#0	20.52	21.04	33	PASS
				RB38#19	20.82	21.34	33	PASS
				RB38#39	20.65	21.17	33	PASS
				RB75#0	20.67	21.19	33	PASS
			HCH	RB1#0	19.9	20.42	33	PASS
				RB1#38	20.93	21.45	33	PASS
				RB1#74	20.13	20.65	33	PASS
				RB38#0	20.42	20.94	33	PASS
				RB38#19	20.88	21.4	33	PASS
				RB38#39	20.74	21.26	33	PASS
				RB75#0	20.4	20.92	33	PASS
		20	LCH	RB1#0	20.32	20.84	33	PASS
RB1#50	20.74			21.26	33	PASS		
RB1#99	19.87			20.39	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.2	20.72	33	PASS
				RB50#25	20.34	20.86	33	PASS
				RB50#50	19.96	20.48	33	PASS
				RB100#0	20.11	20.63	33	PASS
			MCH	RB1#0	20.37	20.89	33	PASS
				RB1#50	21.59	22.11	33	PASS
				RB1#99	20.36	20.88	33	PASS
				RB50#0	20.42	20.94	33	PASS
				RB50#25	20.7	21.22	33	PASS
				RB50#50	20.45	20.97	33	PASS
				RB100#0	20.47	20.99	33	PASS
				HCH	RB1#0	20.26	20.78	33
			RB1#50		20.86	21.38	33	PASS
			RB1#99		20.39	20.91	33	PASS
			RB50#0		20.03	20.55	33	PASS
			RB50#25		20.53	21.05	33	PASS
			RB50#50		20.27	20.79	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	20.11	20.63	33	PASS

Note1:

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

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

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

b, SGP=Signal Generator Level

Note2:

SET Span=1.5\*OBW

SET RBW=1%of the OBW,not to wxceed 1MHz

SET VBW>= 3\*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	4.05	13	PASS
				RB1#3	4.11	13	PASS
				RB1#5	4.07	13	PASS
				RB3#0	4.62	13	PASS
				RB3#2	4.43	13	PASS
				RB3#3	4.6	13	PASS
				RB6#0	5.56	13	PASS
			MCH	RB1#0	4.23	13	PASS
				RB1#3	4.52	13	PASS
				RB1#5	4.53	13	PASS
				RB3#0	4.85	13	PASS
				RB3#2	4.83	13	PASS
				RB3#3	4.88	13	PASS
				RB6#0	5.53	13	PASS
		HCH	RB1#0	4	13	PASS	
			RB1#3	3.9	13	PASS	
			RB1#5	4	13	PASS	
			RB3#0	4.48	13	PASS	
			RB3#2	4.27	13	PASS	
			RB3#3	4.45	13	PASS	
			RB6#0	5.34	13	PASS	
		3	LCH	RB1#0	4.16	13	PASS
				RB1#7	3.97	13	PASS
				RB1#14	4.32	13	PASS
				RB8#0	5.3	13	PASS
				RB8#4	5.22	13	PASS
				RB8#7	5.35	13	PASS
				RB15#0	5.58	13	PASS
MCH	RB1#0		4.35	13	PASS		
	RB1#7		4.03	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#14	4.35	13	PASS	
				RB8#0	5.41	13	PASS	
				RB8#4	5.39	13	PASS	
				RB8#7	5.37	13	PASS	
				RB15#0	5.65	13	PASS	
			HCH	RB1#0	4.09	13	PASS	
				RB1#7	3.77	13	PASS	
				RB1#14	4.1	13	PASS	
				RB8#0	5.17	13	PASS	
				RB8#4	5.05	13	PASS	
				RB8#7	5.19	13	PASS	
			5	LCH	RB1#0	4.56	13	PASS
					RB1#13	4.44	13	PASS
					RB1#24	4.78	13	PASS
					RB12#0	5.24	13	PASS
		RB12#6			5.1	13	PASS	
		RB12#13			5.3	13	PASS	
		RB25#0		5.79	13	PASS		
		MCH		RB1#0	4.77	13	PASS	
				RB1#13	4.75	13	PASS	
				RB1#24	4.87	13	PASS	
				RB12#0	5.62	13	PASS	
				RB12#6	5.52	13	PASS	
				RB12#13	5.65	13	PASS	
		RB25#0		5.98	13	PASS		
		HCH		RB1#0	4.62	13	PASS	
			RB1#13	4.21	13	PASS		
			RB1#24	4.59	13	PASS		
			RB12#0	5.23	13	PASS		
			RB12#6	5.08	13	PASS		
RB12#13	5.22		13	PASS				
RB25#0	5.6	13	PASS					
10	LCH	RB1#0	4.62	13	PASS			
		RB1#25	4.42	13	PASS			
		RB1#49	4.7	13	PASS			
		RB25#0	5.43	13	PASS			
		RB25#13	5.46	13	PASS			
		RB25#25	5.63	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.08	13	PASS
			MCH	RB1#0	4.68	13	PASS
				RB1#25	4.52	13	PASS
				RB1#49	4.84	13	PASS
				RB25#0	5.76	13	PASS
				RB25#13	5.65	13	PASS
				RB25#25	5.81	13	PASS
				RB50#0	5.93	13	PASS
			HCH	RB1#0	4.4	13	PASS
				RB1#25	4.14	13	PASS
				RB1#49	4.34	13	PASS
				RB25#0	5.4	13	PASS
				RB25#13	5.29	13	PASS
				RB25#25	5.46	13	PASS
		15	LCH	RB1#0	4.49	13	PASS
				RB1#38	4.35	13	PASS
				RB1#74	4.46	13	PASS
				RB38#0	5.7	13	PASS
				RB38#19	5.66	13	PASS
				RB38#39	5.83	13	PASS
				RB75#0	6.13	13	PASS
			MCH	RB1#0	5.13	13	PASS
				RB1#38	4.8	13	PASS
				RB1#74	5.19	13	PASS
				RB38#0	5.87	13	PASS
				RB38#19	5.8	13	PASS
				RB38#39	5.95	13	PASS
				RB75#0	6.18	13	PASS
		HCH	RB1#0	4.62	13	PASS	
			RB1#38	4.25	13	PASS	
			RB1#74	4.47	13	PASS	
			RB38#0	5.51	13	PASS	
			RB38#19	5.29	13	PASS	
RB38#39	5.52		13	PASS			
RB75#0	5.97		13	PASS			
20	LCH	RB1#0	4.84	13	PASS		
		RB1#50	4.57	13	PASS		
		RB1#99	5.02	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.8	13	PASS
				RB50#25	5.56	13	PASS
				RB50#50	5.75	13	PASS
				RB100#0	6.05	13	PASS
			MCH	RB1#0	5.01	13	PASS
				RB1#50	4.79	13	PASS
				RB1#99	5.3	13	PASS
				RB50#0	5.91	13	PASS
				RB50#25	5.75	13	PASS
				RB50#50	6	13	PASS
			HCH	RB100#0	6.01	13	PASS
				RB1#0	5.01	13	PASS
				RB1#50	4.46	13	PASS
				RB1#99	4.68	13	PASS
				RB50#0	5.8	13	PASS
				RB50#25	5.46	13	PASS
			LCH	RB50#50	5.79	13	PASS
				RB100#0	6.04	13	PASS
	RB1#0	5.05		13	PASS		
	RB1#3	5		13	PASS		
	RB1#5	4.98		13	PASS		
	RB3#0	5.23		13	PASS		
	RB3#2	5.14		13	PASS		
	RB3#3	5.36		13	PASS		
	RB6#0	6.17		13	PASS		
	MCH	RB1#0		5.37	13	PASS	
		RB1#3		5.38	13	PASS	
		RB1#5		5.35	13	PASS	
		RB3#0	5.75	13	PASS		
		RB3#2	5.74	13	PASS		
RB3#3		5.79	13	PASS			
RB6#0		6.56	13	PASS			
HCH	RB1#0	4.96	13	PASS			
	RB1#3	4.96	13	PASS			
	RB1#5	4.88	13	PASS			
	RB3#0	5.14	13	PASS			
	RB3#2	5.17	13	PASS			
	RB3#3	5.19	13	PASS			
	RB6#0	5.91	13	PASS			
	LTE/TM2	1.4		RB1#0	5.01	13	PASS
				RB1#50	4.46	13	PASS
				RB1#99	4.68	13	PASS
				RB50#0	5.8	13	PASS
				RB50#25	5.46	13	PASS
				RB50#50	5.79	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	5.38	13	PASS
				RB1#7	5.14	13	PASS
				RB1#14	5.23	13	PASS
				RB8#0	5.9	13	PASS
				RB8#4	5.89	13	PASS
				RB8#7	5.97	13	PASS
				RB15#0	6.07	13	PASS
			MCH	RB1#0	5.35	13	PASS
				RB1#7	5.21	13	PASS
				RB1#14	5.48	13	PASS
				RB8#0	6.18	13	PASS
				RB8#4	6.11	13	PASS
				RB8#7	6.21	13	PASS
				RB15#0	6.38	13	PASS
			HCH	RB1#0	5.33	13	PASS
				RB1#7	4.96	13	PASS
				RB1#14	5.25	13	PASS
				RB8#0	5.74	13	PASS
		RB8#4		5.47	13	PASS	
		RB8#7		5.58	13	PASS	
		5	LCH	RB1#0	5.05	13	PASS
				RB1#13	5.03	13	PASS
				RB1#24	5.26	13	PASS
				RB12#0	6.02	13	PASS
				RB12#6	5.95	13	PASS
				RB12#13	6.21	13	PASS
			MCH	RB25#0	6.51	13	PASS
				RB1#0	5.76	13	PASS
				RB1#13	5.63	13	PASS
				RB1#24	5.87	13	PASS
RB12#0	6.42			13	PASS		
RB12#6	6.29			13	PASS		
HCH	RB12#13	6.44	13	PASS			
	RB25#0	6.47	13	PASS			
	RB1#0	5.23	13	PASS			
	RB12#0	5.93	13	PASS			
				RB1#13	4.93	13	PASS
				RB1#24	5.21	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	5.63	13	PASS
				RB12#13	5.8	13	PASS
				RB25#0	6.23	13	PASS
			LCH	RB1#0	5.23	13	PASS
				RB1#25	5.23	13	PASS
				RB1#49	5.64	13	PASS
				RB25#0	6.19	13	PASS
				RB25#13	6.11	13	PASS
				RB25#25	6.34	13	PASS
		RB50#0		6.54	13	PASS	
		MCH	RB1#0	5.68	13	PASS	
			RB1#25	5.48	13	PASS	
			RB1#49	5.63	13	PASS	
			RB25#0	6.62	13	PASS	
			RB25#13	6.45	13	PASS	
			RB25#25	6.67	13	PASS	
		HCH	RB50#0	6.64	13	PASS	
			RB1#0	5.22	13	PASS	
			RB1#25	4.9	13	PASS	
			RB1#49	4.91	13	PASS	
			RB25#0	6.05	13	PASS	
			RB25#13	5.96	13	PASS	
		15	LCH	RB25#25	6.03	13	PASS
				RB50#0	6.38	13	PASS
				RB1#0	5.36	13	PASS
				RB1#38	5.18	13	PASS
				RB1#74	5.66	13	PASS
				RB38#0	6.34	13	PASS
			MCH	RB38#19	6.21	13	PASS
				RB38#39	6.44	13	PASS
RB75#0	6.86			13	PASS		
RB1#0	5.99			13	PASS		
RB1#38	5.61			13	PASS		
RB1#74	5.86			13	PASS		
RB38#0	6.62			13	PASS		
HCH	RB38#19		6.5	13	PASS		
	RB38#39		6.66	13	PASS		
			HCH	RB75#0	6.91	13	PASS
			HCH	RB1#0	5.6	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB1#38	5.22	13	PASS		
				RB1#74	5.2	13	PASS		
				RB38#0	6.27	13	PASS		
				RB38#19	6.04	13	PASS		
				RB38#39	6.29	13	PASS		
				RB75#0	6.88	13	PASS		
				20	LCH	RB1#0	5.08	13	PASS
						RB1#50	4.86	13	PASS
						RB1#99	5.29	13	PASS
						RB50#0	6.47	13	PASS
						RB50#25	6.35	13	PASS
						RB50#50	6.62	13	PASS
		RB100#0	7.07			13	PASS		
		MCH	RB1#0			5.52	13	PASS	
			RB1#50			5.26	13	PASS	
			RB1#99			5.64	13	PASS	
			RB50#0			6.81	13	PASS	
			RB50#25			6.63	13	PASS	
			RB50#50	6.87	13	PASS			
		HCH	RB100#0	6.78	13	PASS			
			RB1#0	5.58	13	PASS			
			RB1#50	4.93	13	PASS			
			RB1#99	5.13	13	PASS			
			RB50#0	6.55	13	PASS			
			RB50#25	6.13	13	PASS			
						RB50#50	6.55	13	PASS
						RB100#0	7.17	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

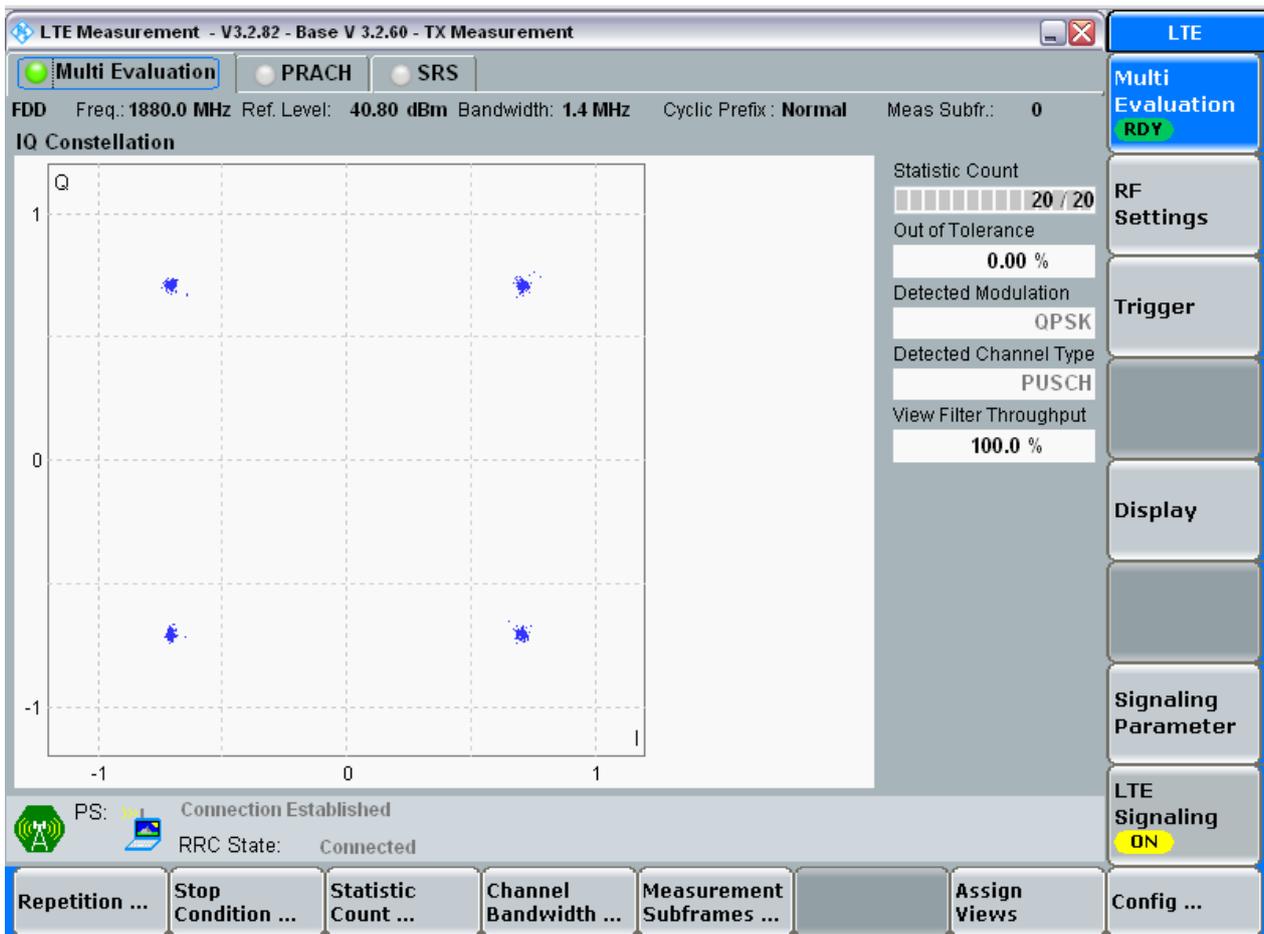
##### 3.1.1 Test Band = BAND2

##### 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

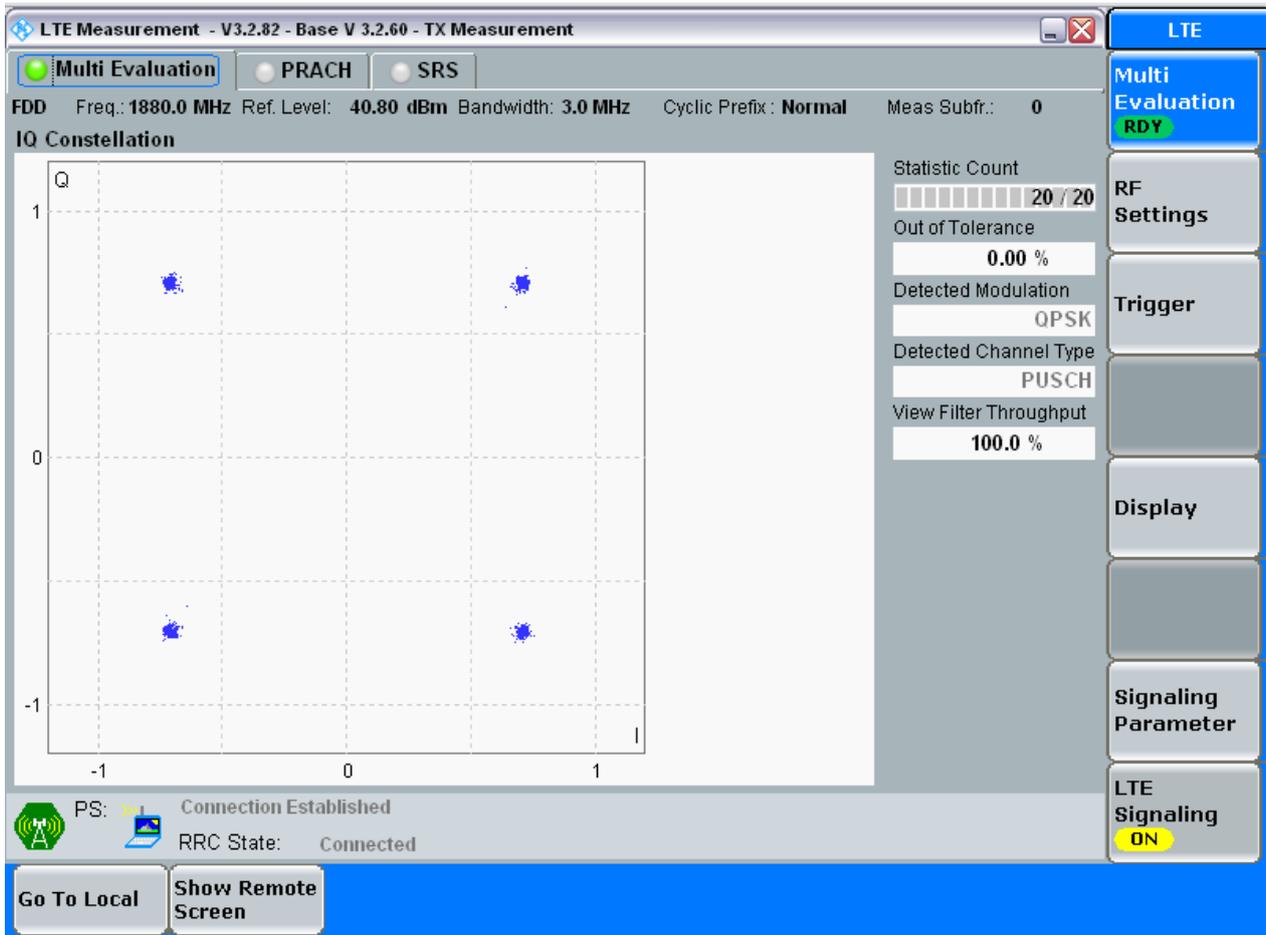
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

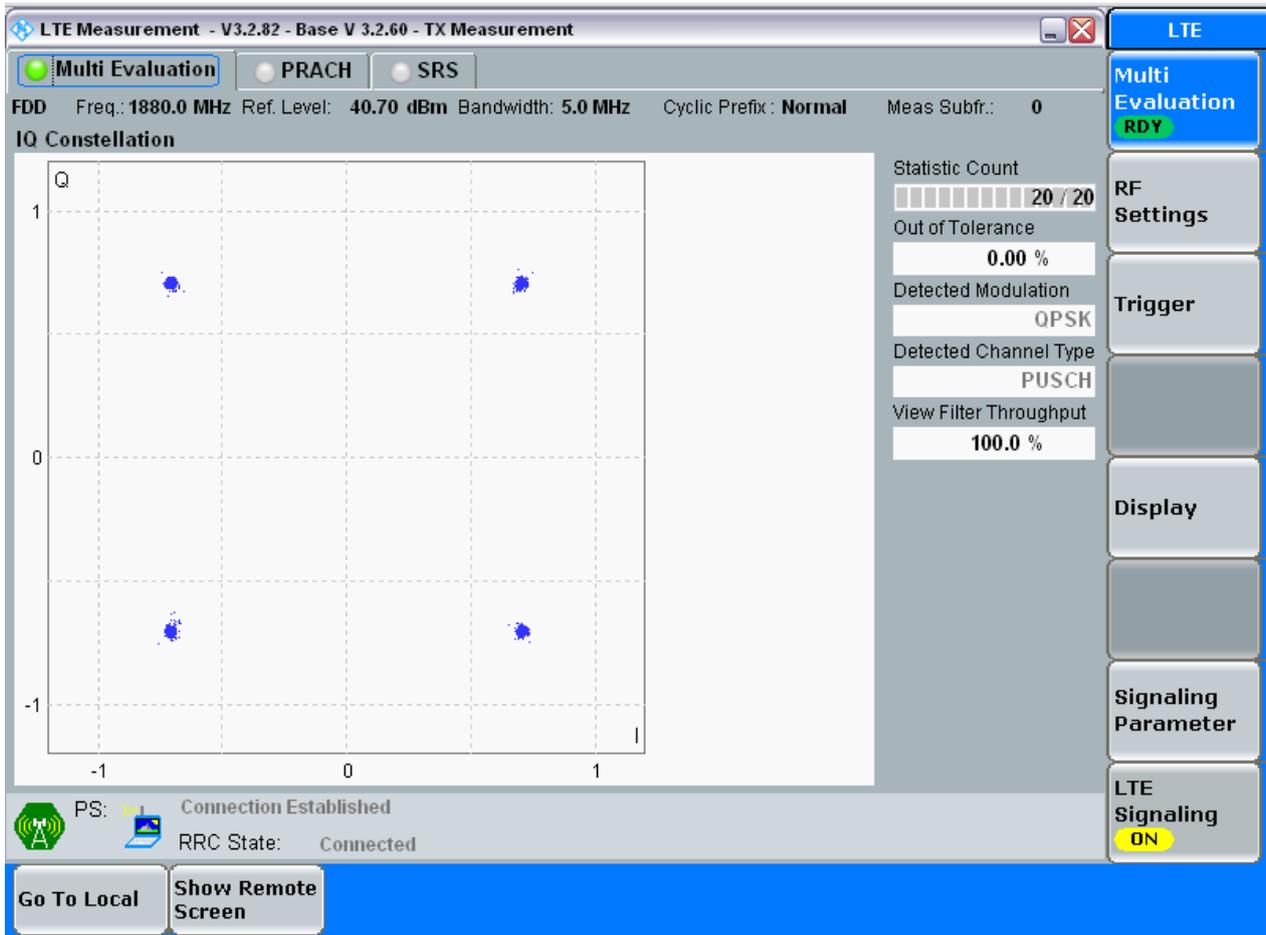
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

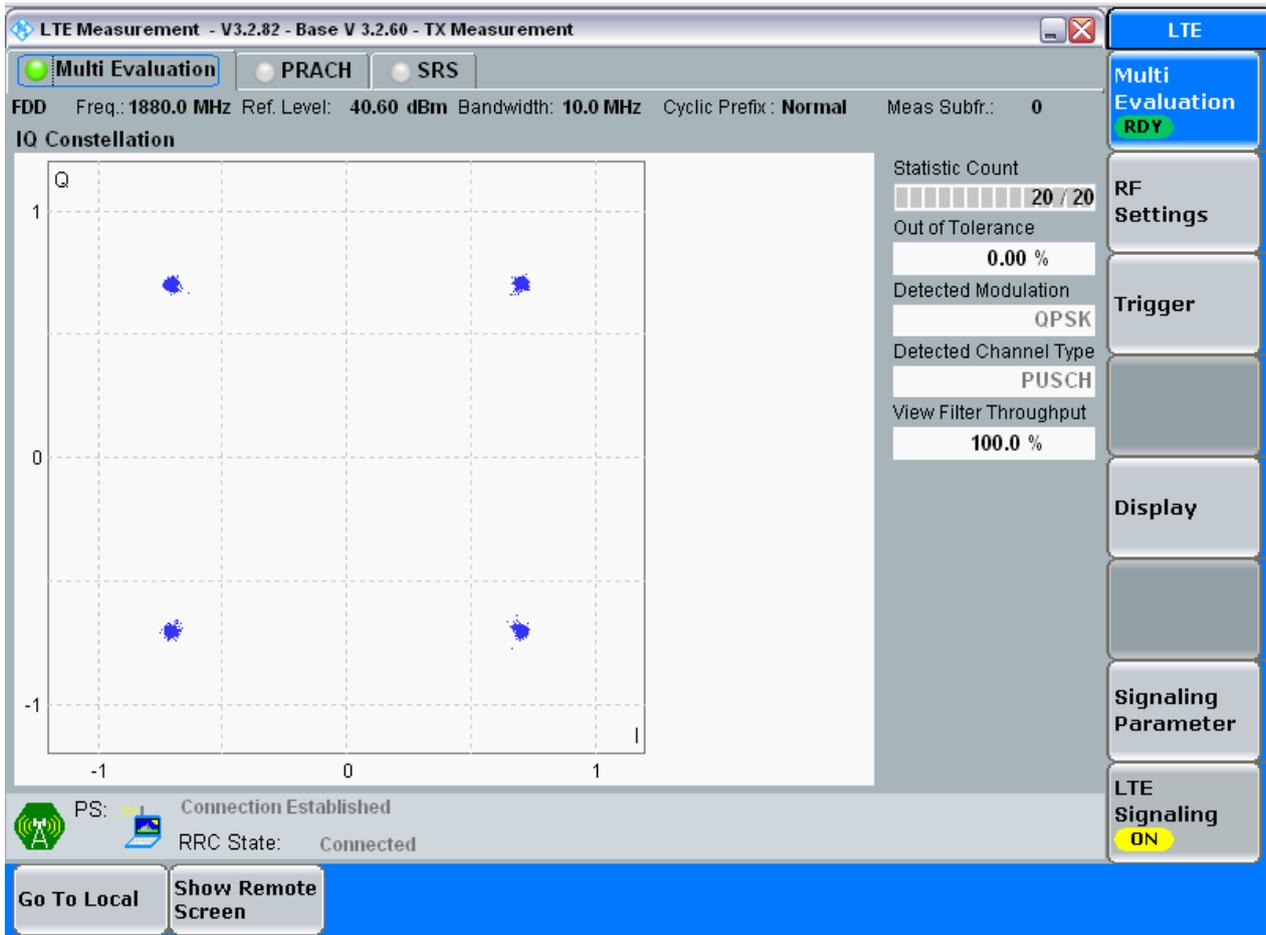
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

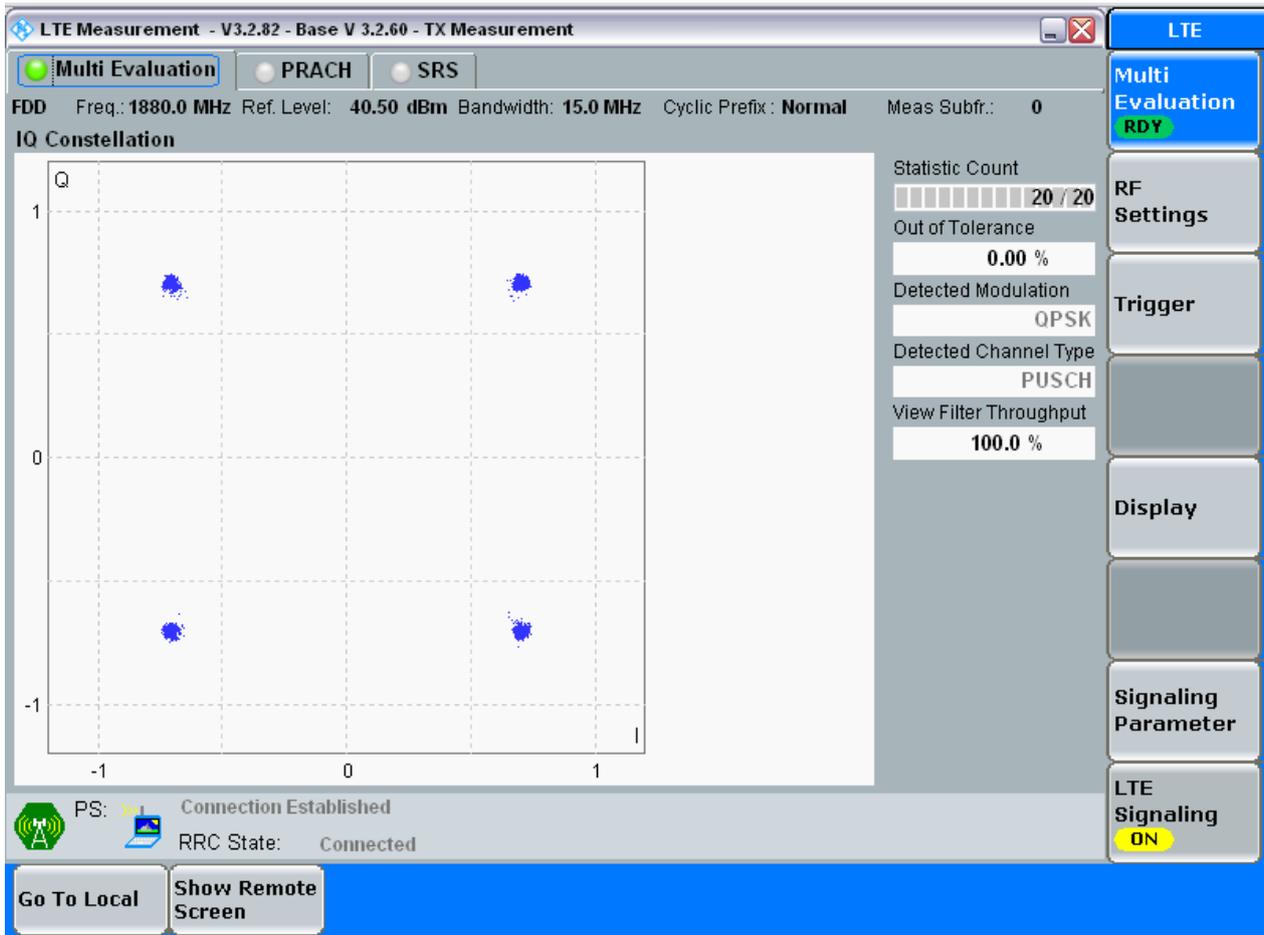
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

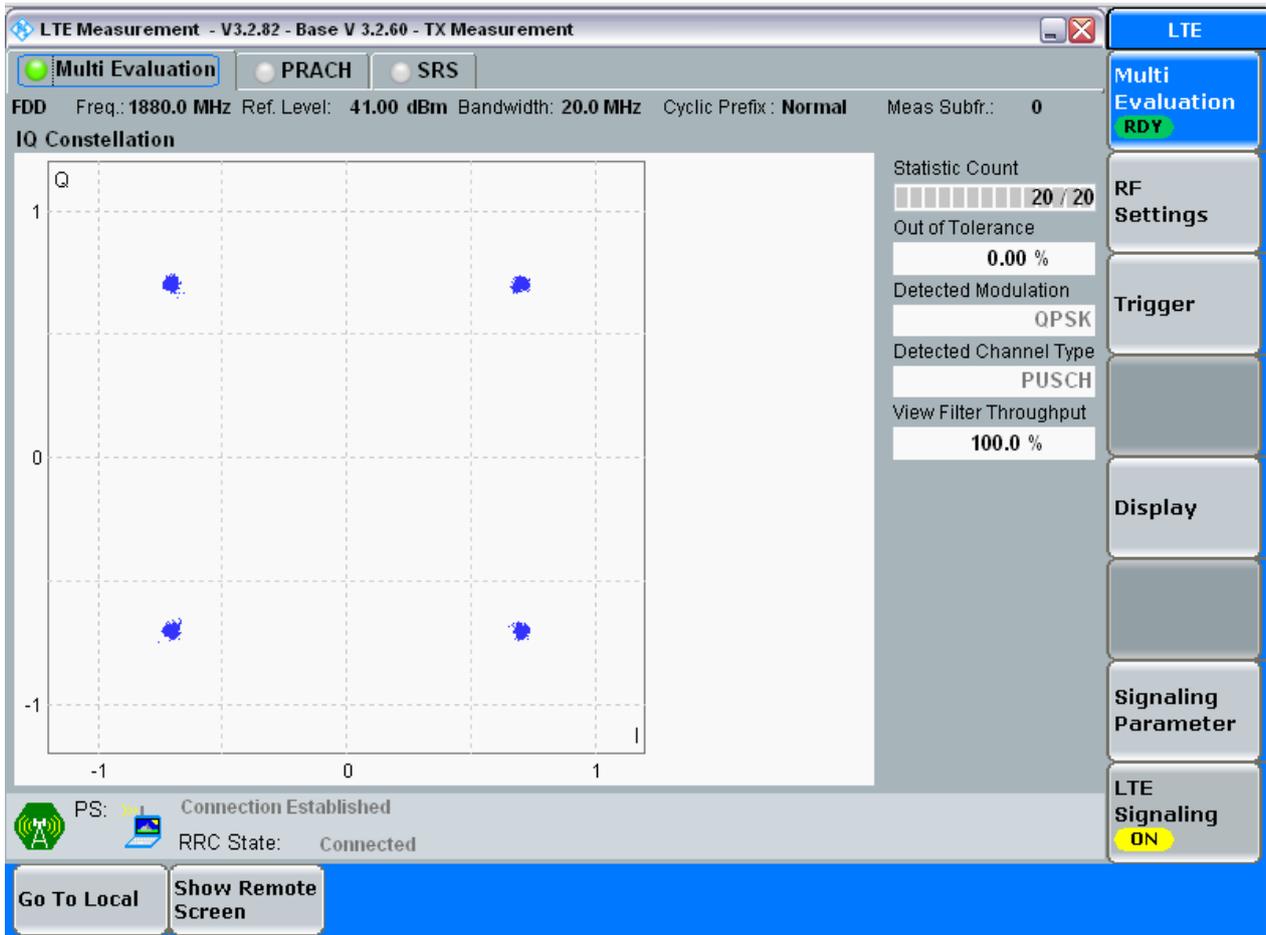
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

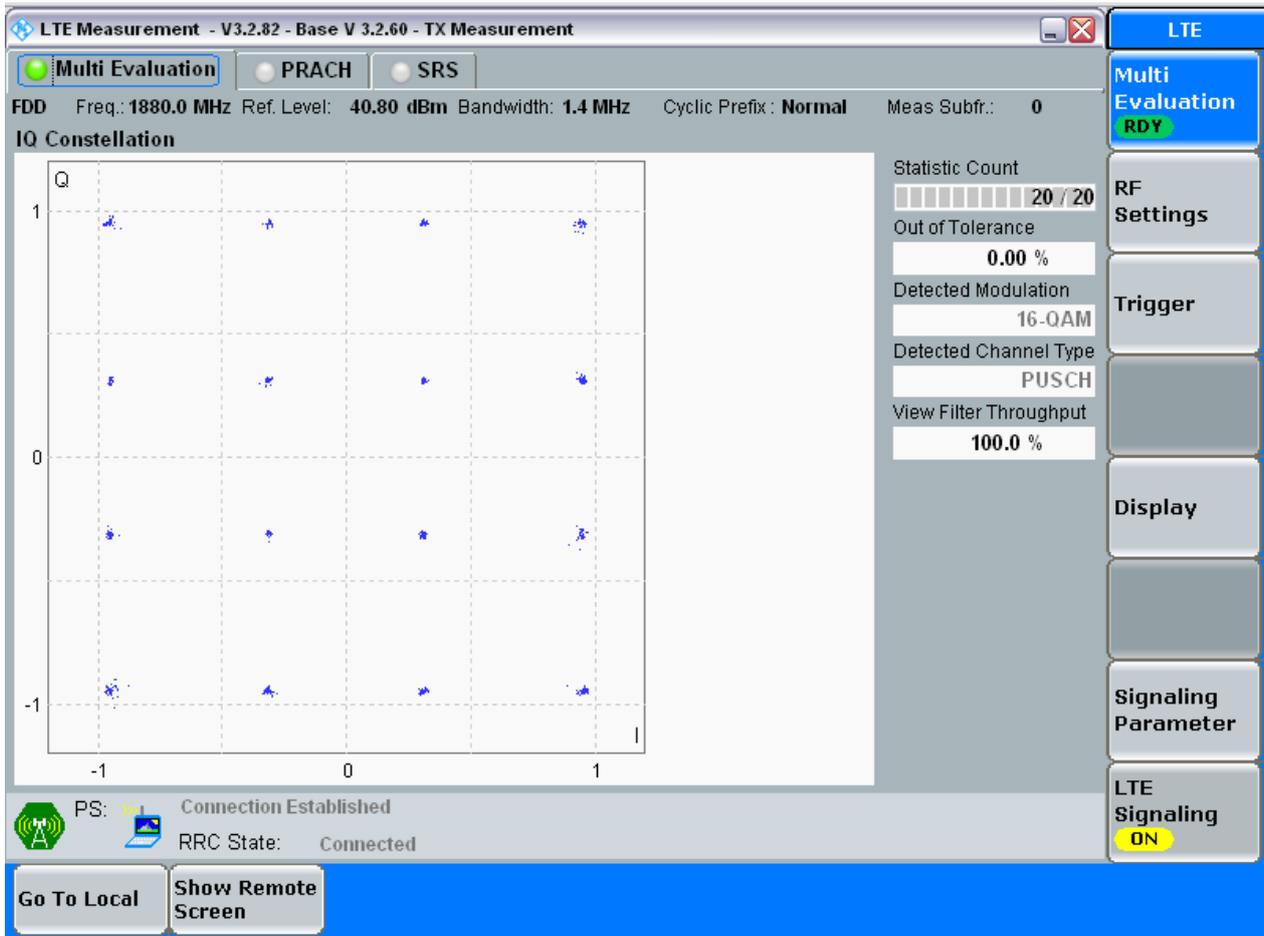


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

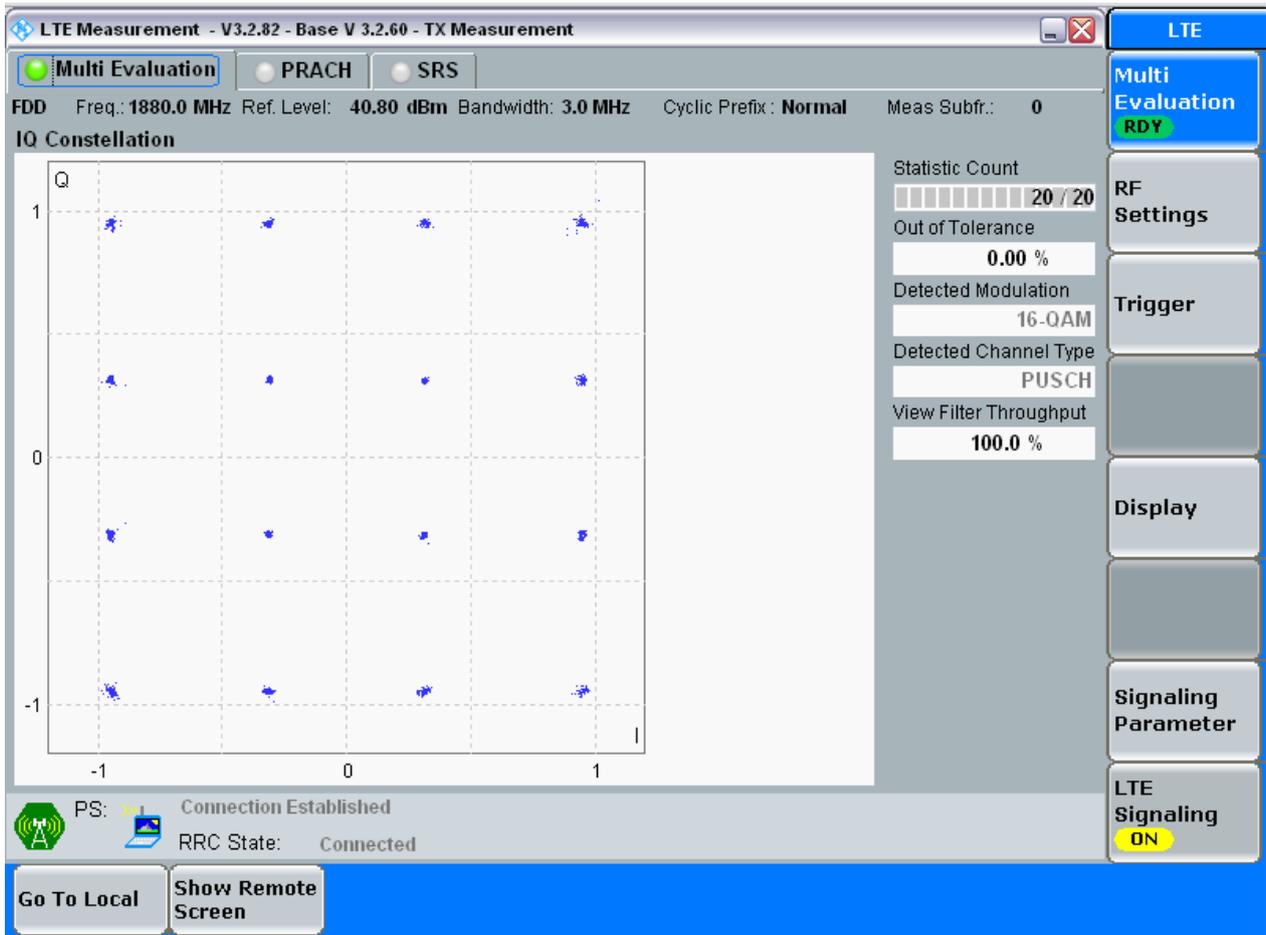
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

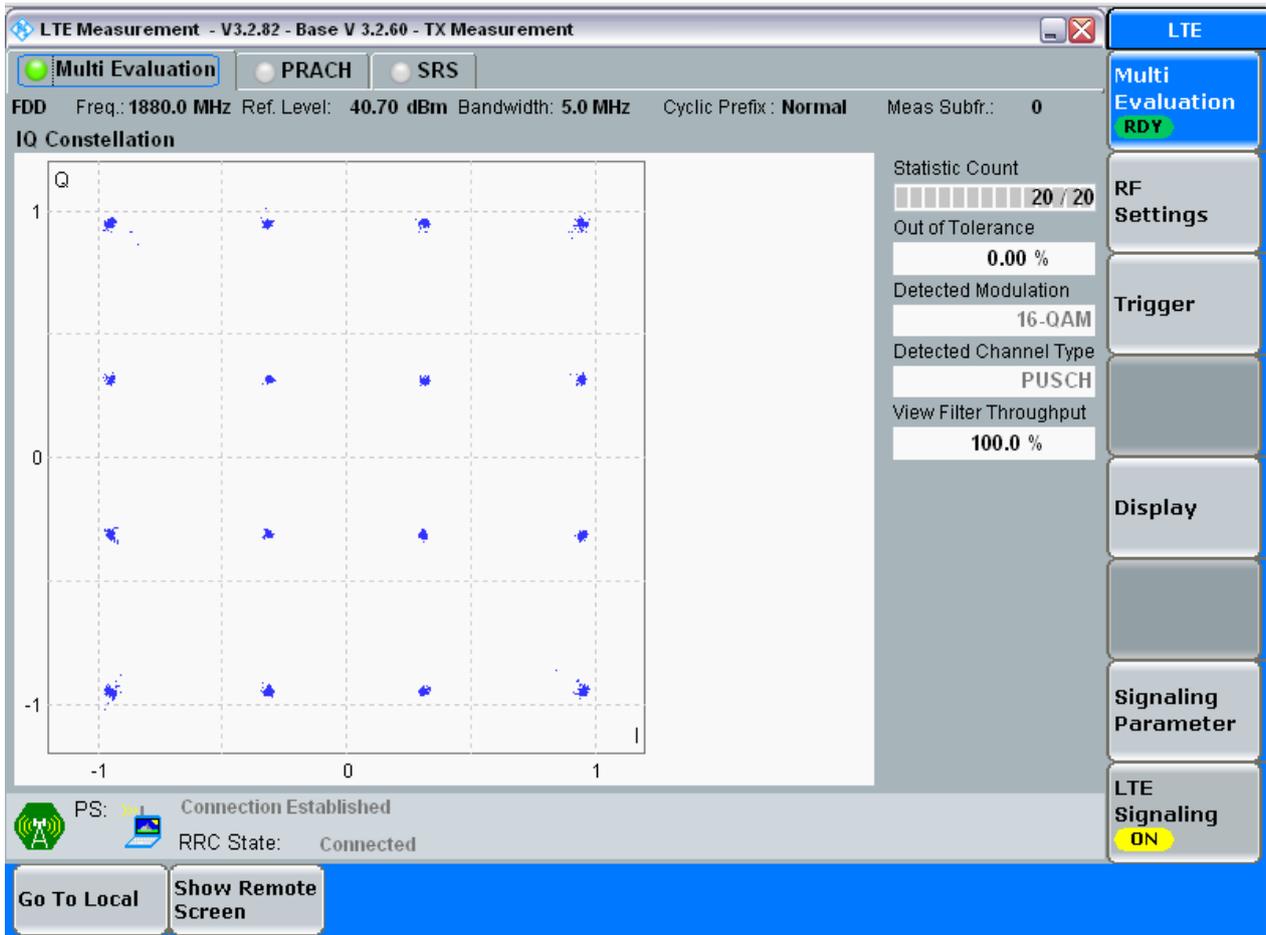
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

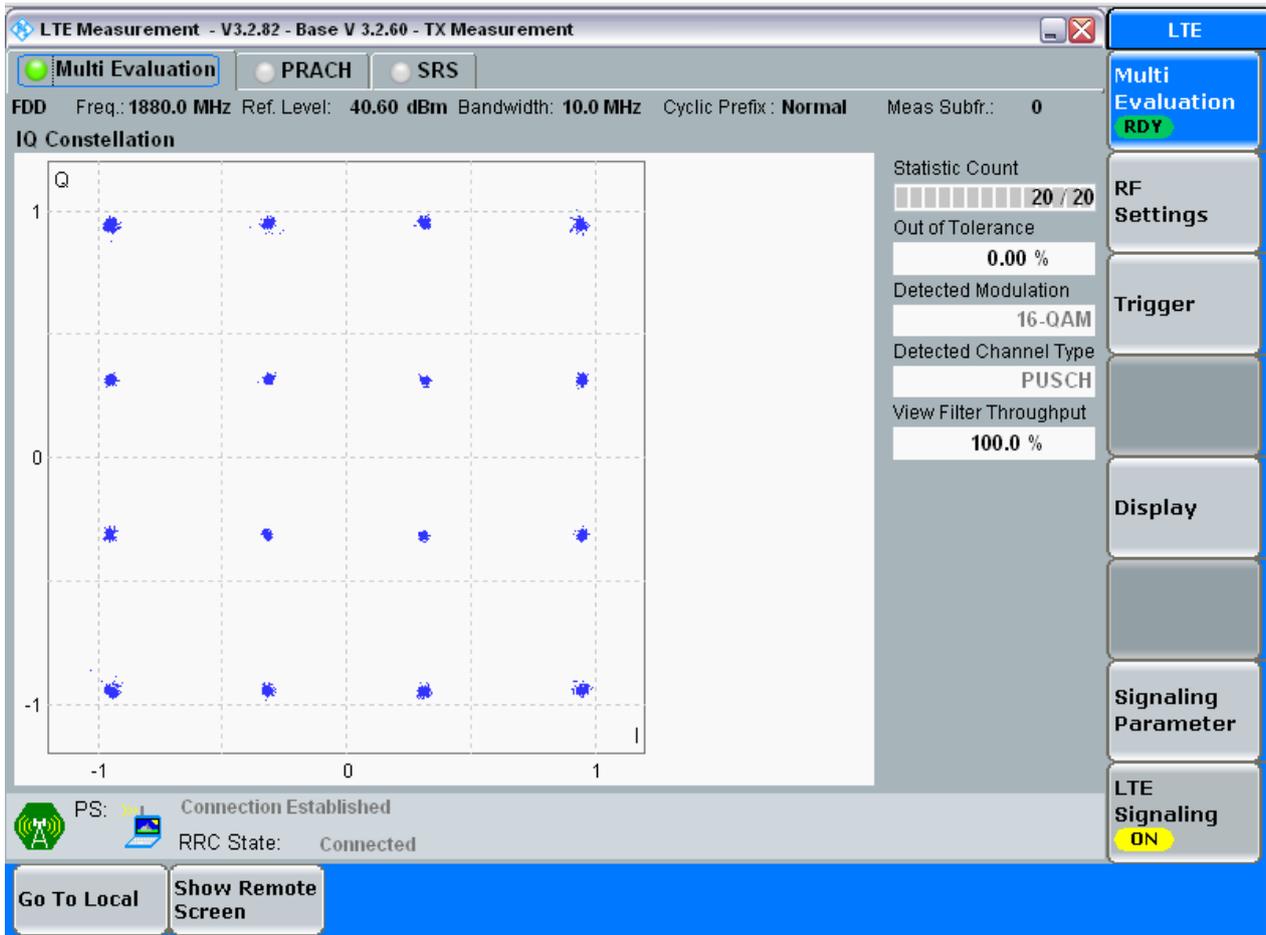
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

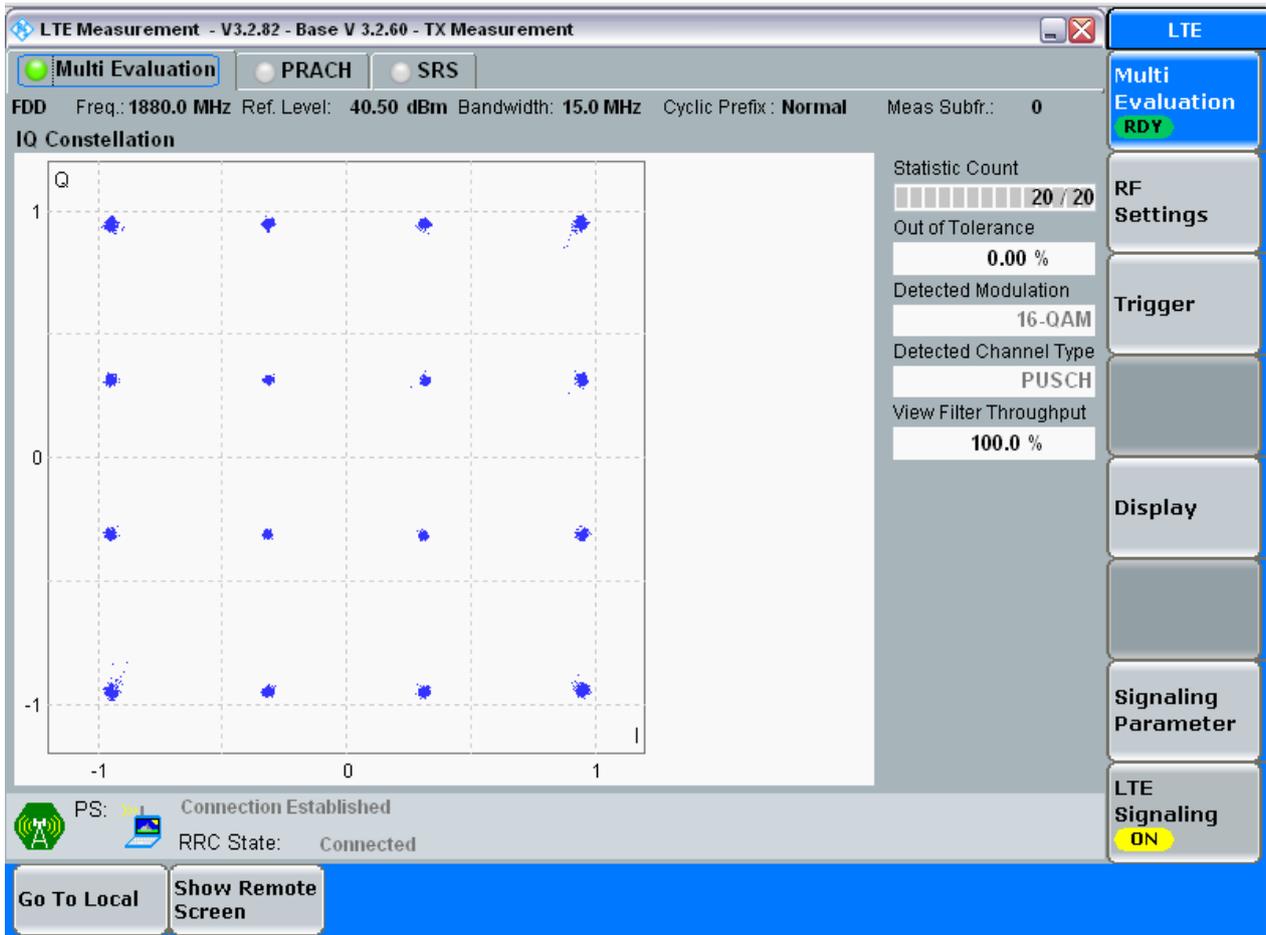
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

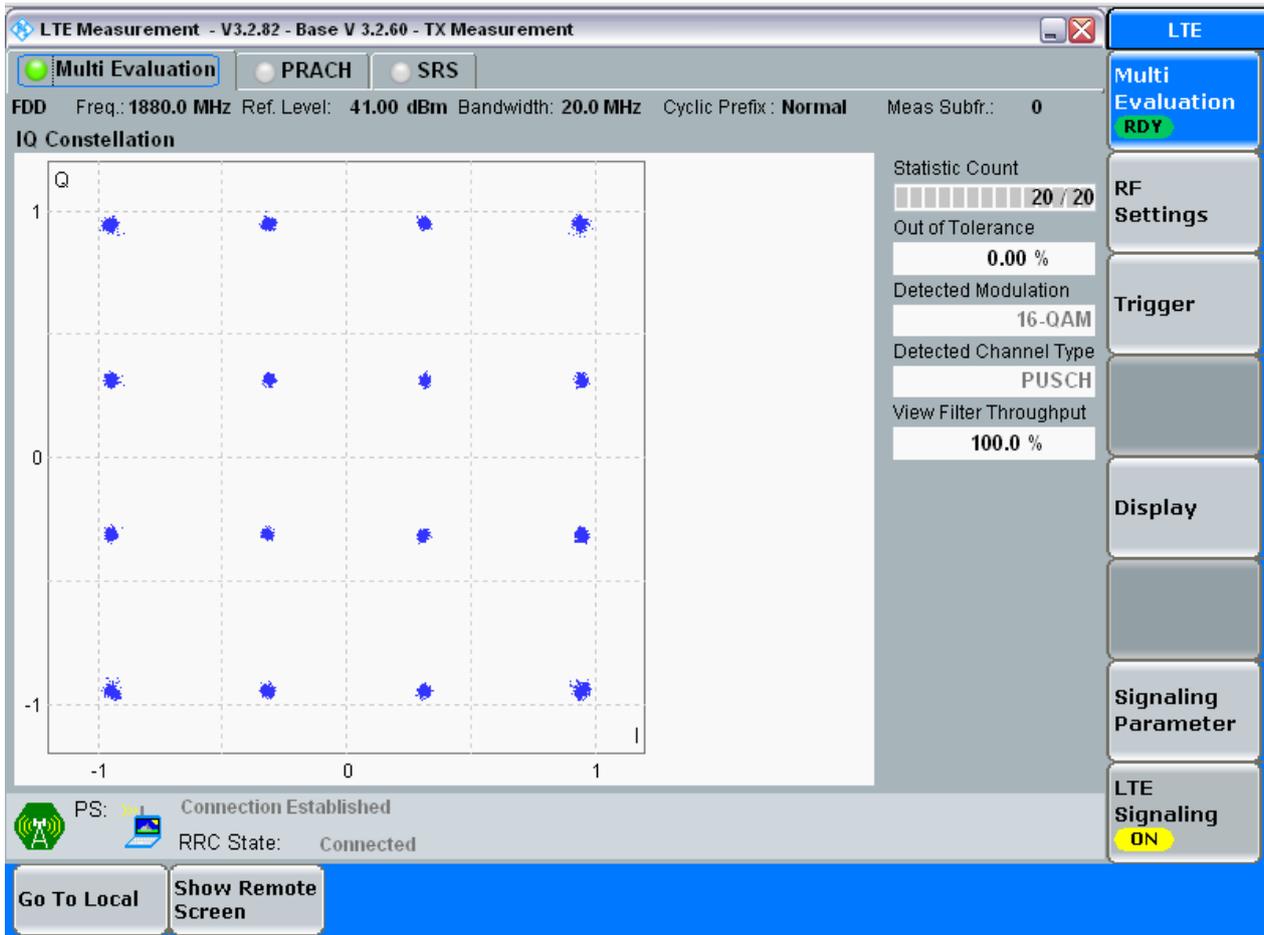
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	2.71	2.98	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	9.00	9.88	Pass
			MCH	RB50#0	8.97	9.86	Pass
			HCH	RB50#0	8.98	9.86	Pass
		15	LCH	RB75#0	13.49	15.01	Pass
			MCH	RB75#0	13.45	14.97	Pass
			HCH	RB75#0	13.48	14.96	Pass
		20	LCH	RB100#0	17.98	19.83	Pass
			MCH	RB100#0	17.91	19.66	Pass
			HCH	RB100#0	18.00	19.82	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.94	Pass
			MCH	RB25#0	4.50	4.97	Pass
			HCH	RB25#0	4.50	4.96	Pass
10		LCH	RB50#0	8.99	9.88	Pass	
		MCH	RB50#0	9.00	9.92	Pass	
		HCH	RB50#0	8.98	9.93	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.49	14.96	Pass
			MCH	RB75#0	13.47	14.93	Pass
			HCH	RB75#0	13.49	14.94	Pass
		20	LCH	RB100#0	17.99	19.81	Pass
			MCH	RB100#0	17.94	19.66	Pass
			HCH	RB100#0	18.02	19.90	Pass



Part II - Test Plots

4.1 For LTE

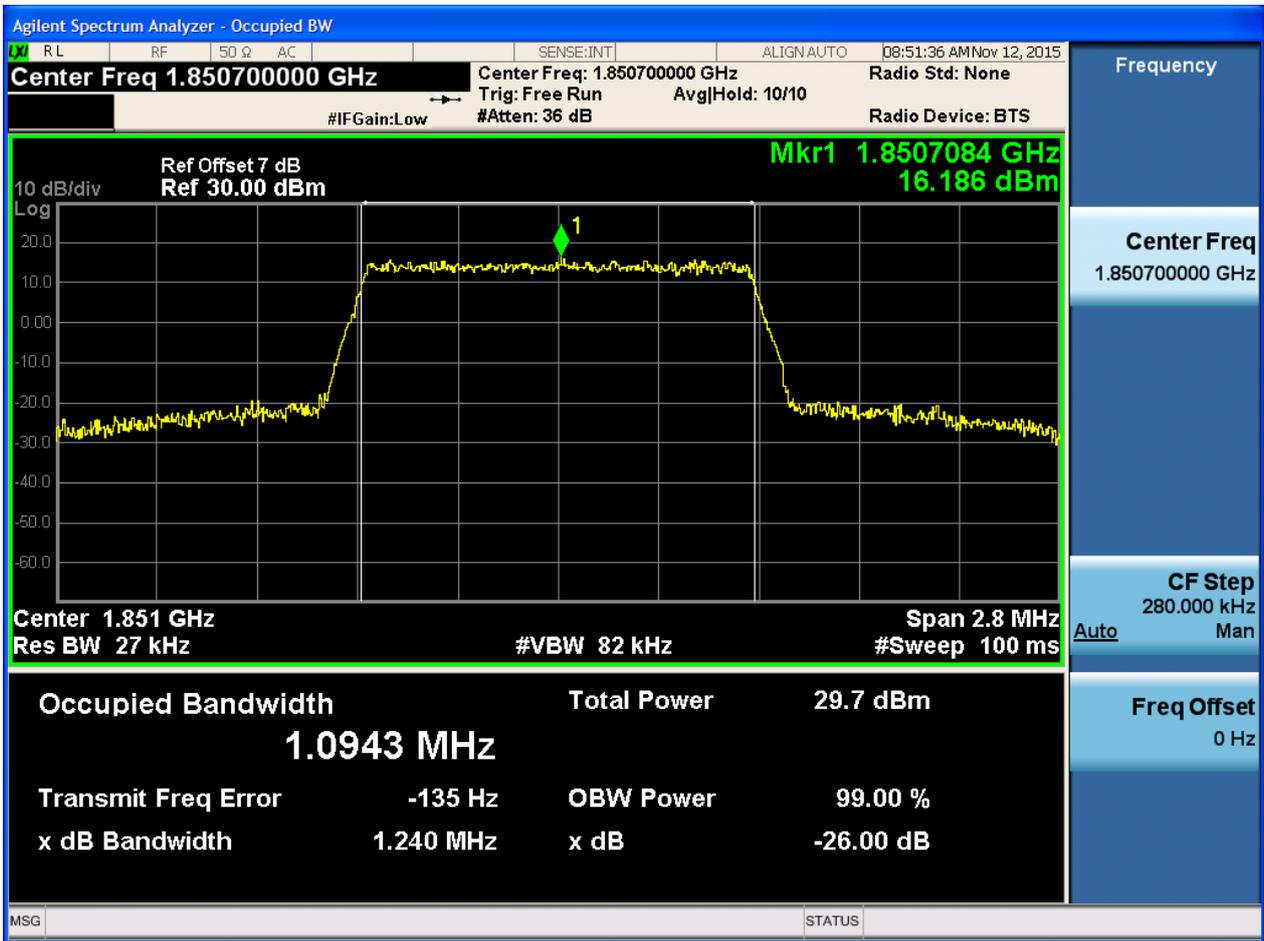
4.1.1 Test Band = BAND2

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

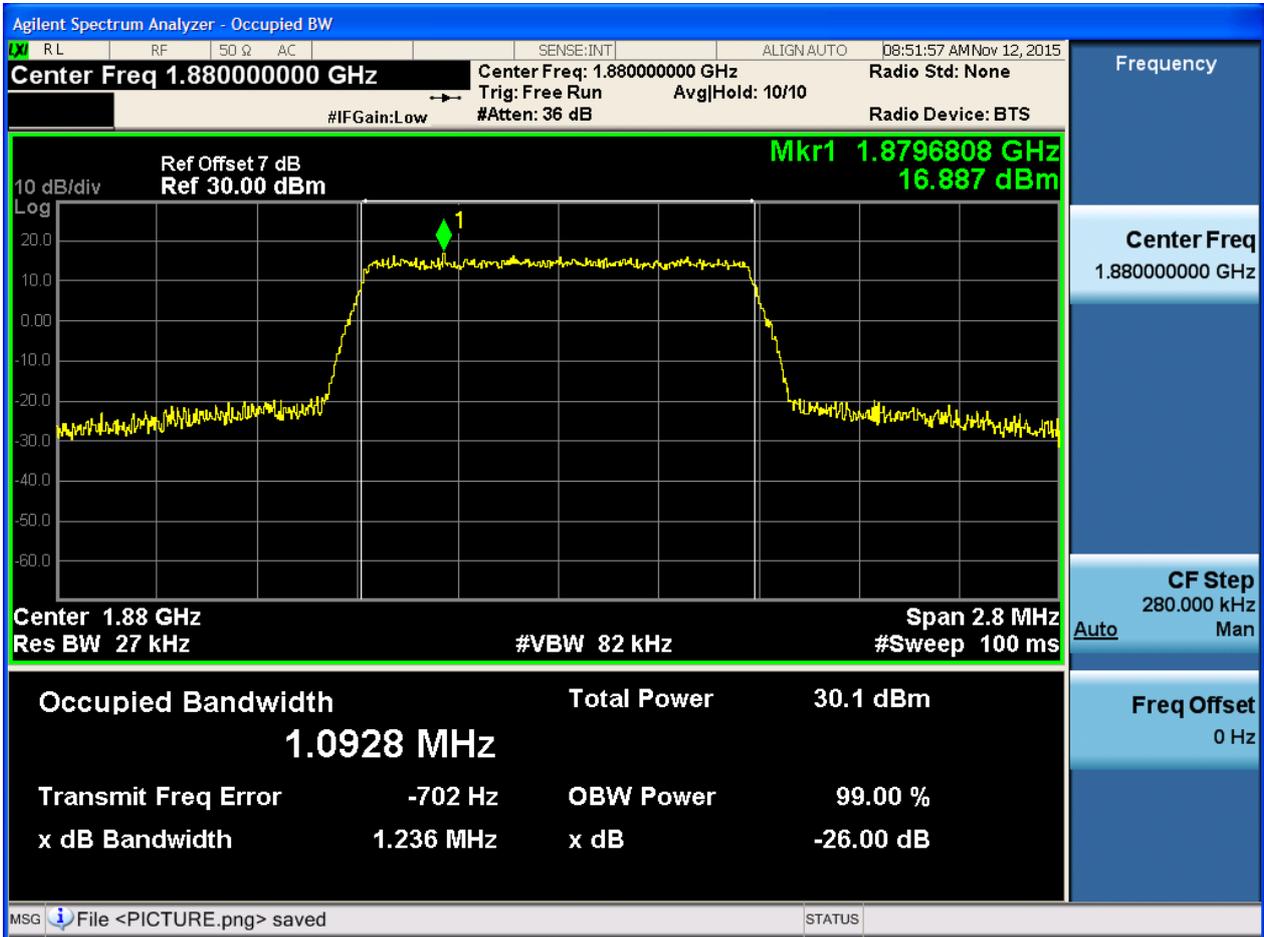
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

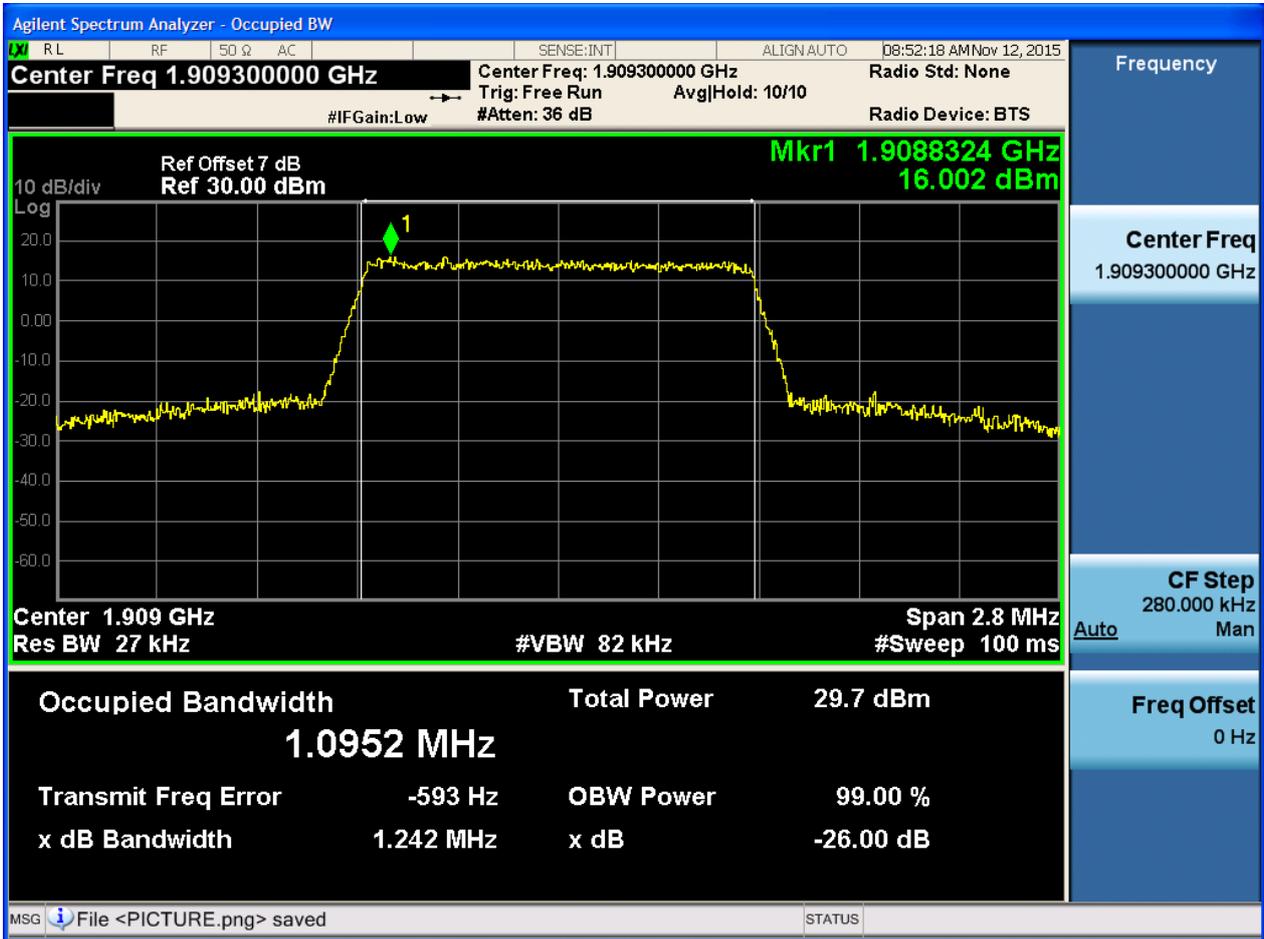
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

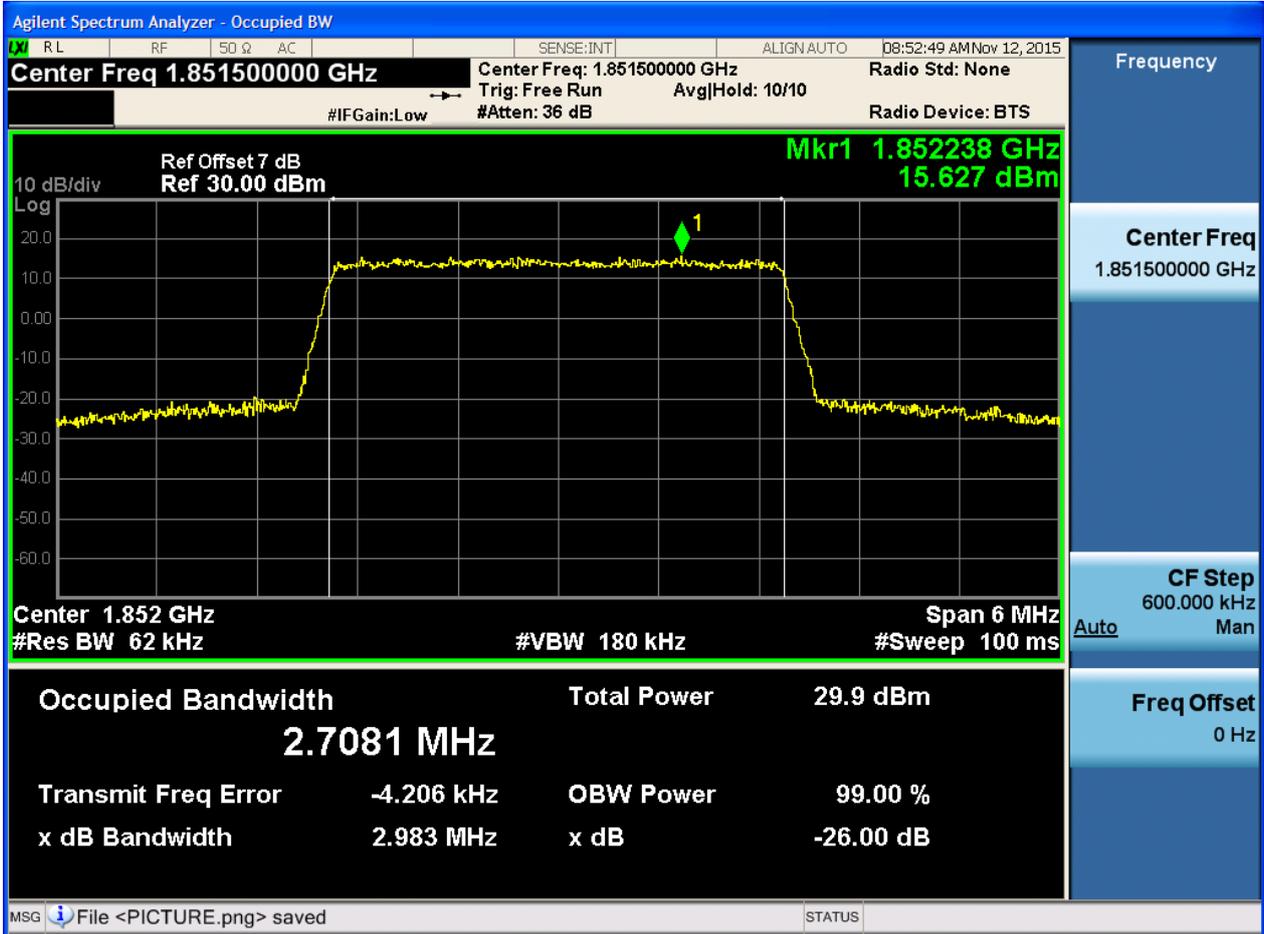




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

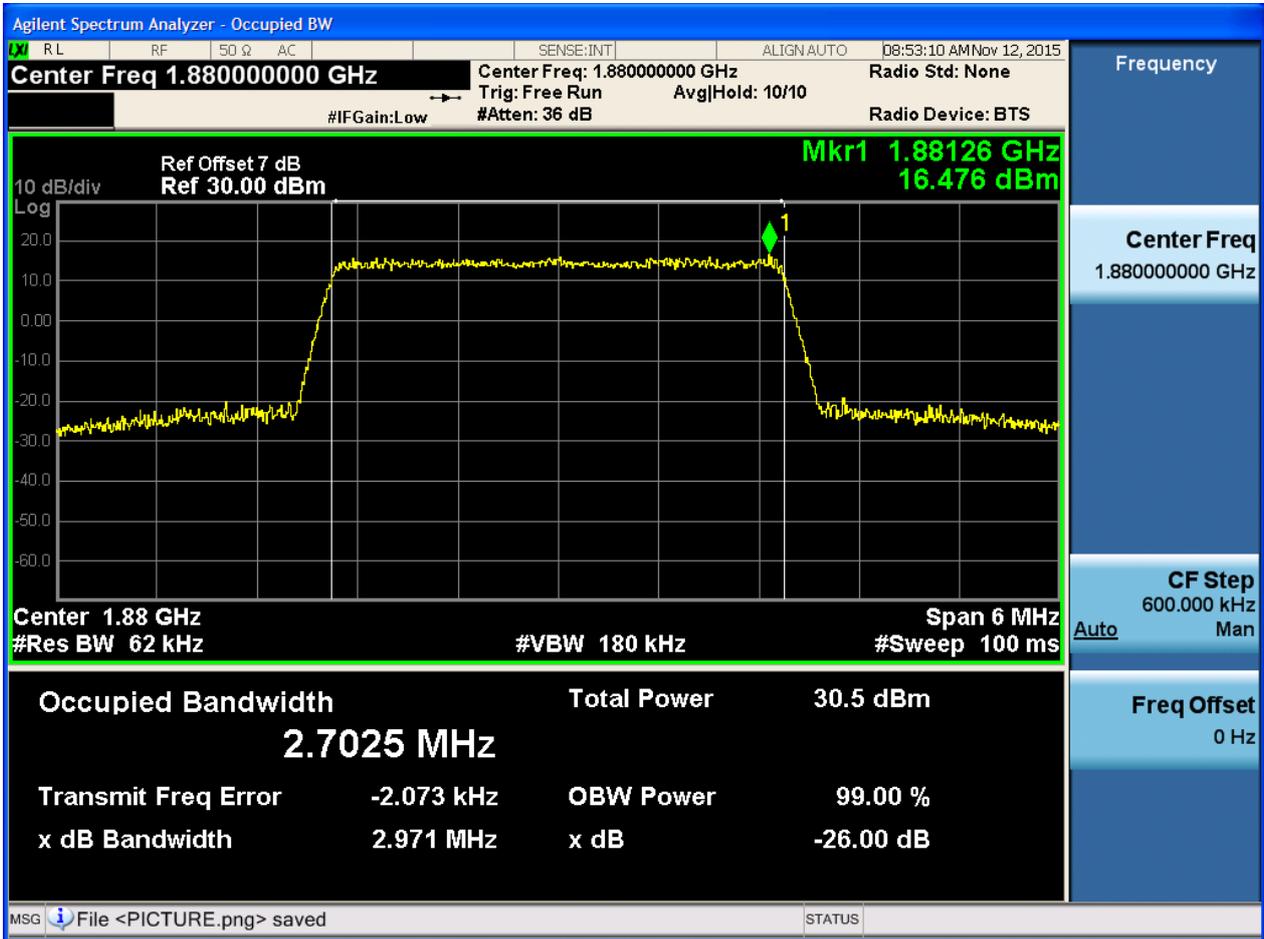
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

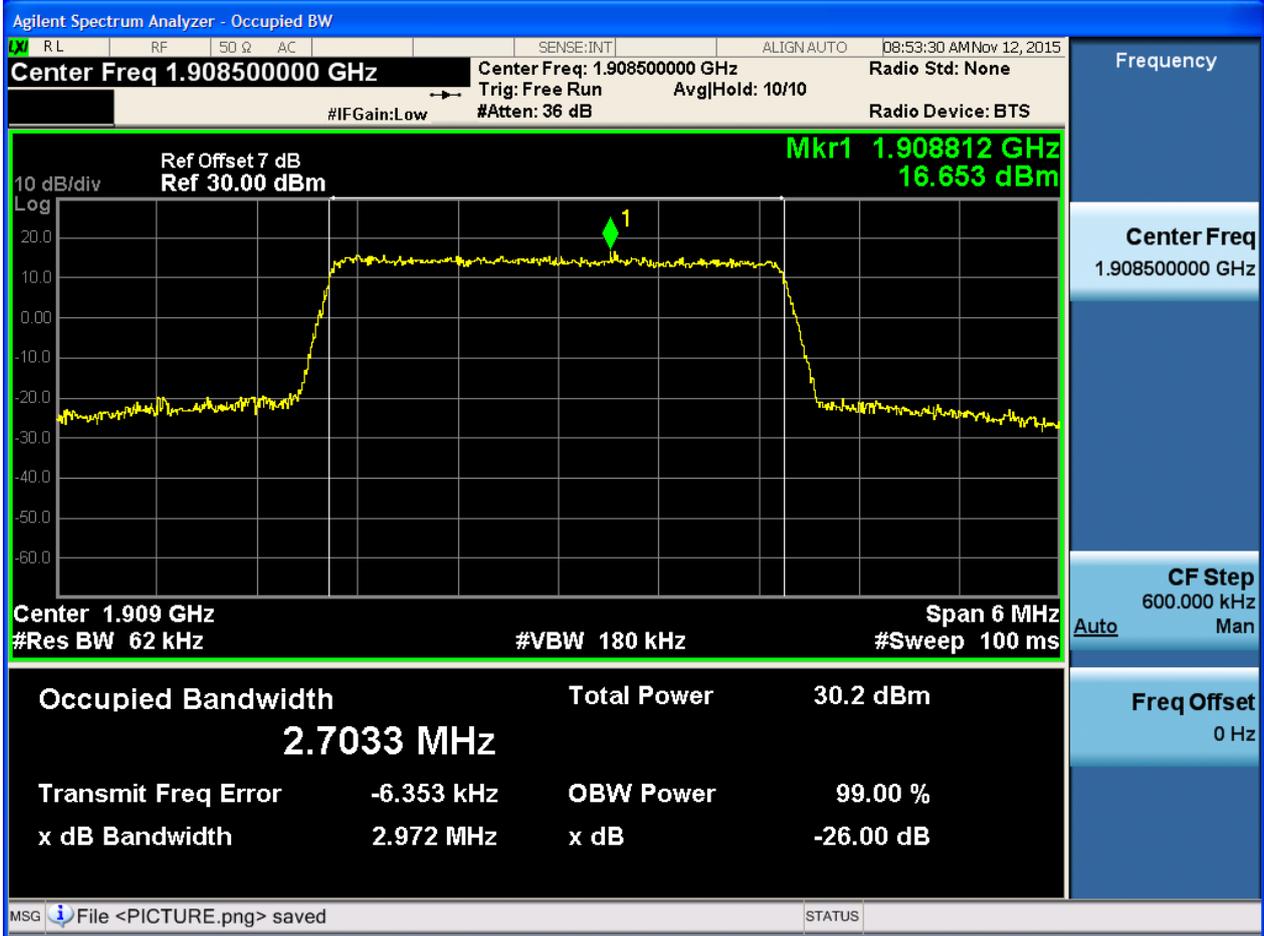
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

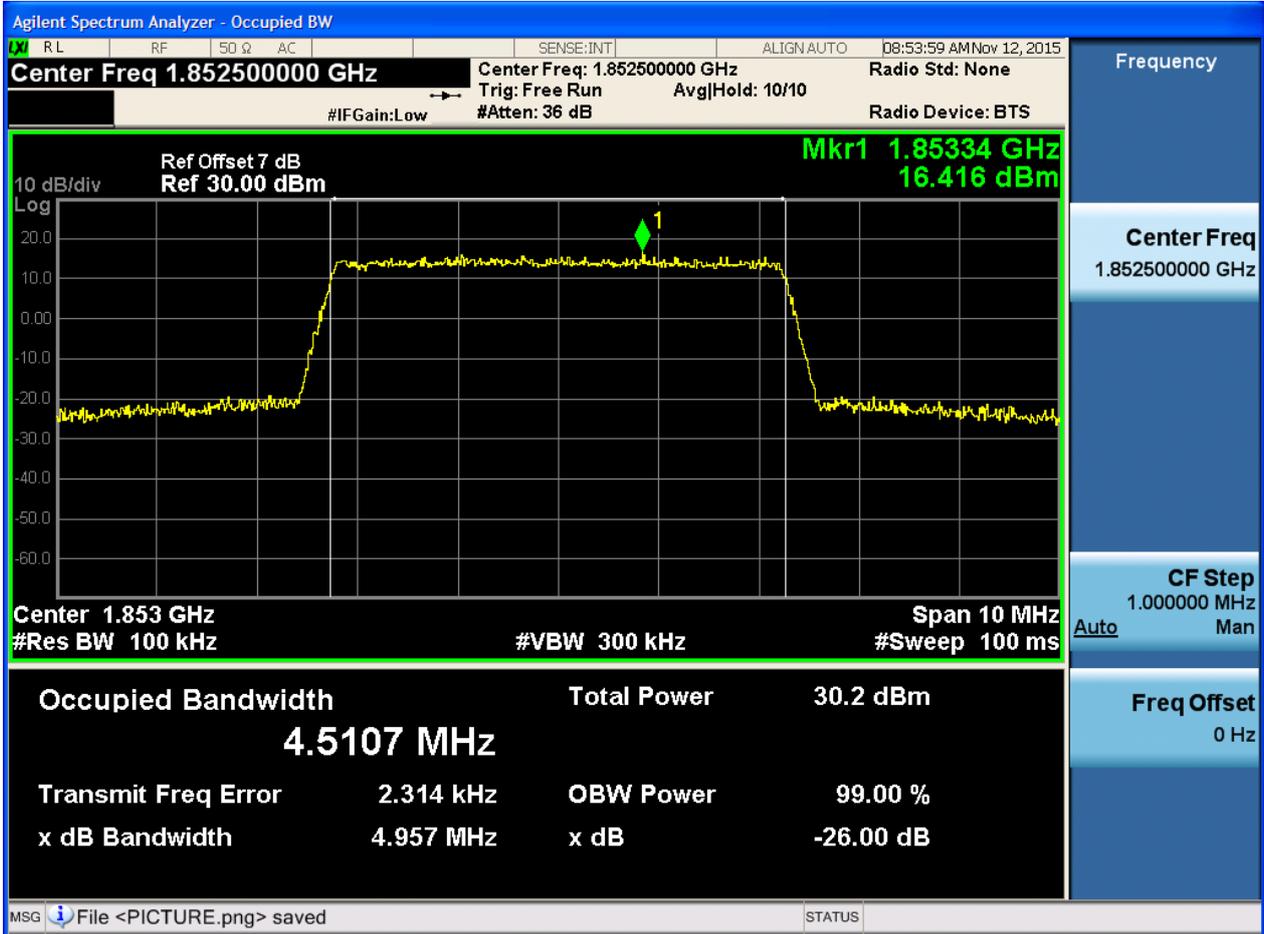




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

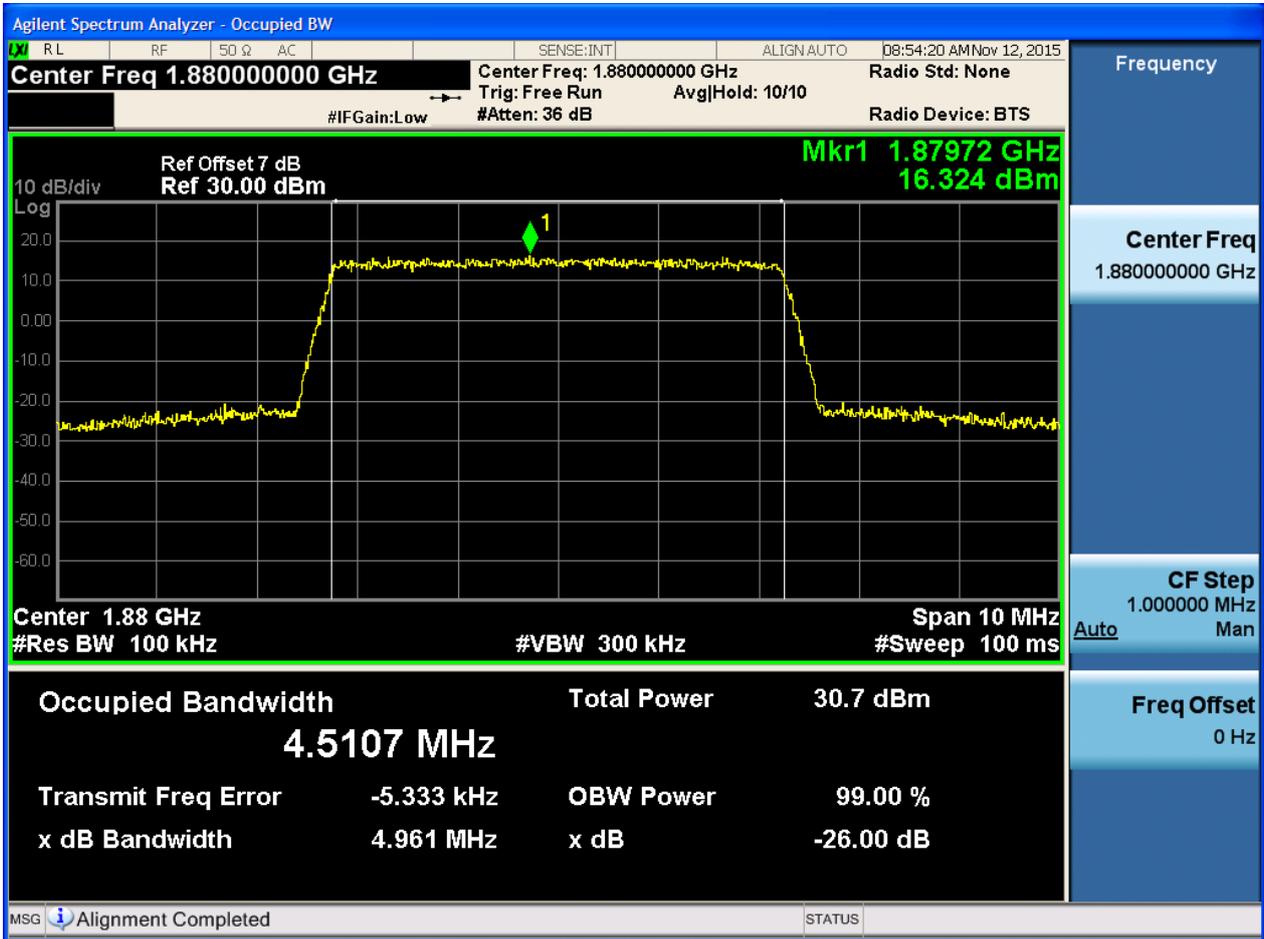
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

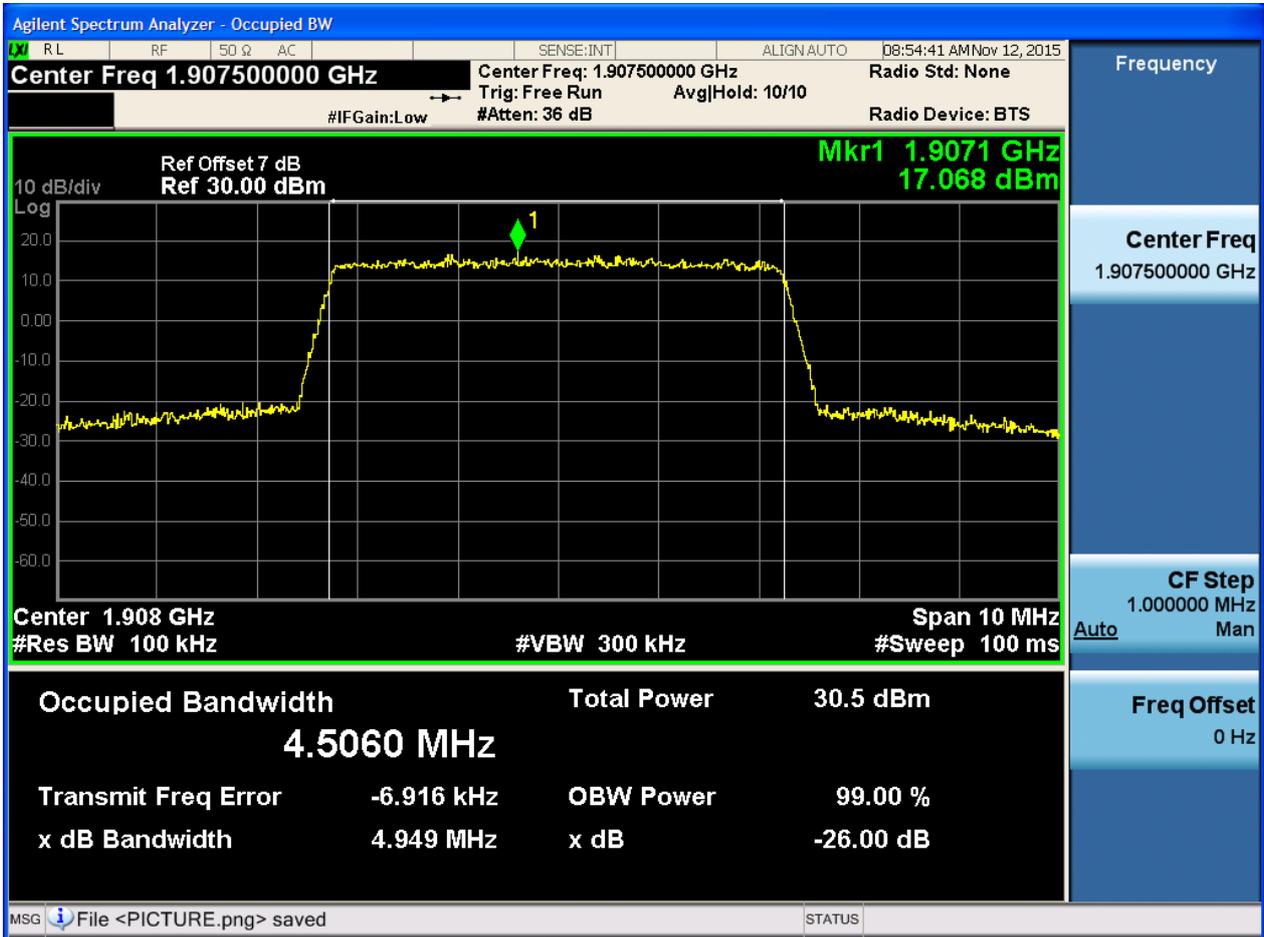
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

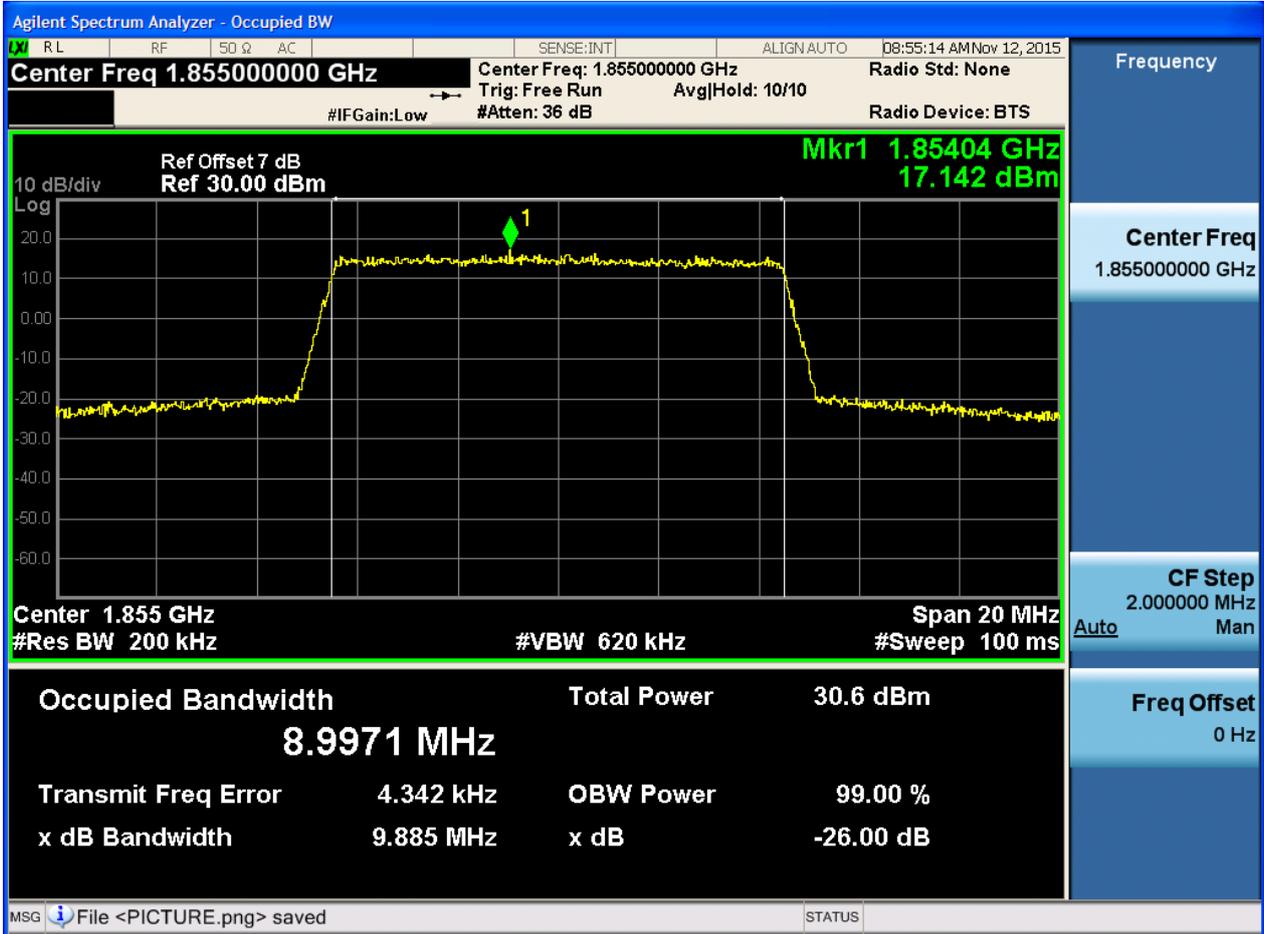




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

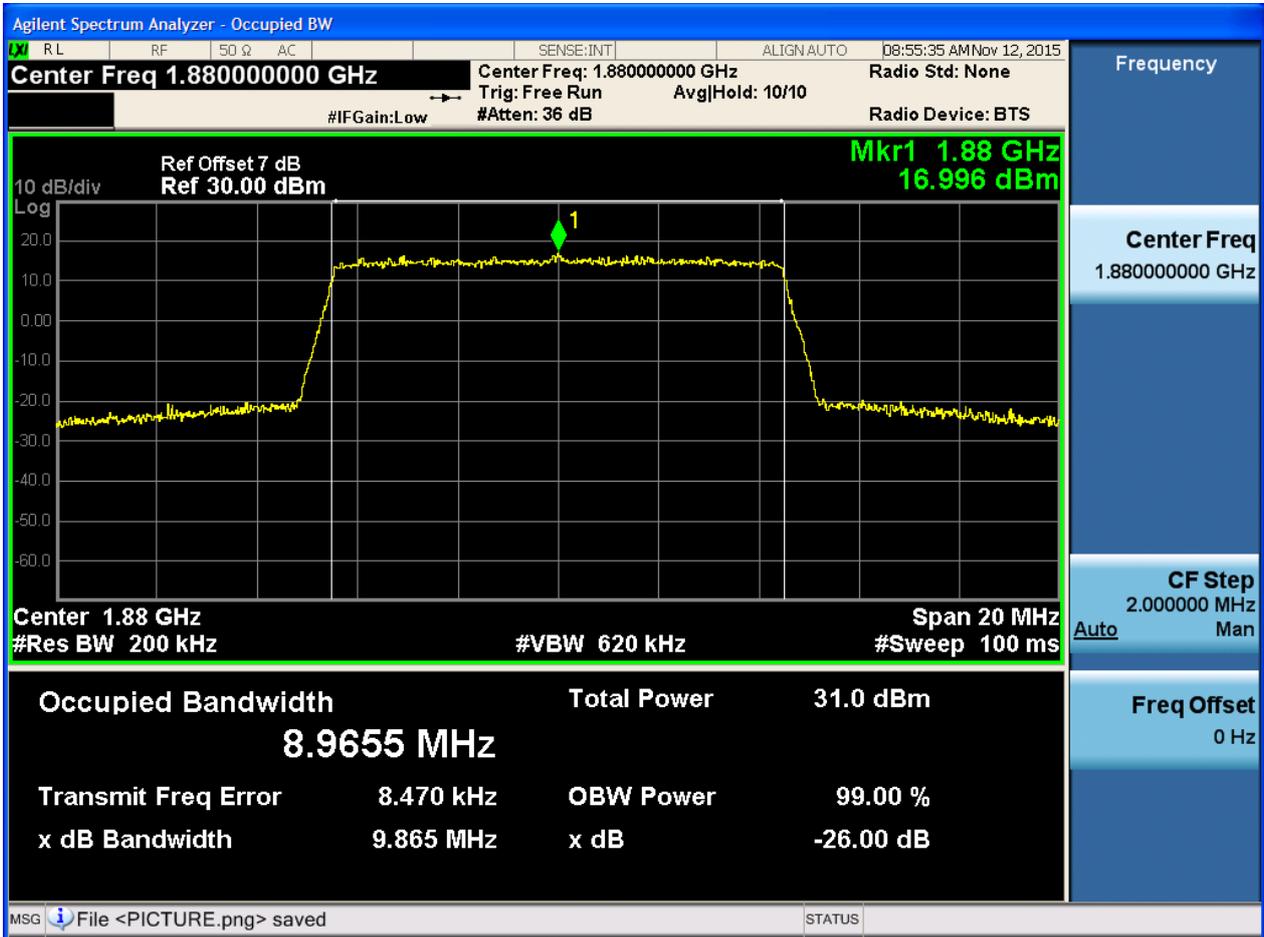
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

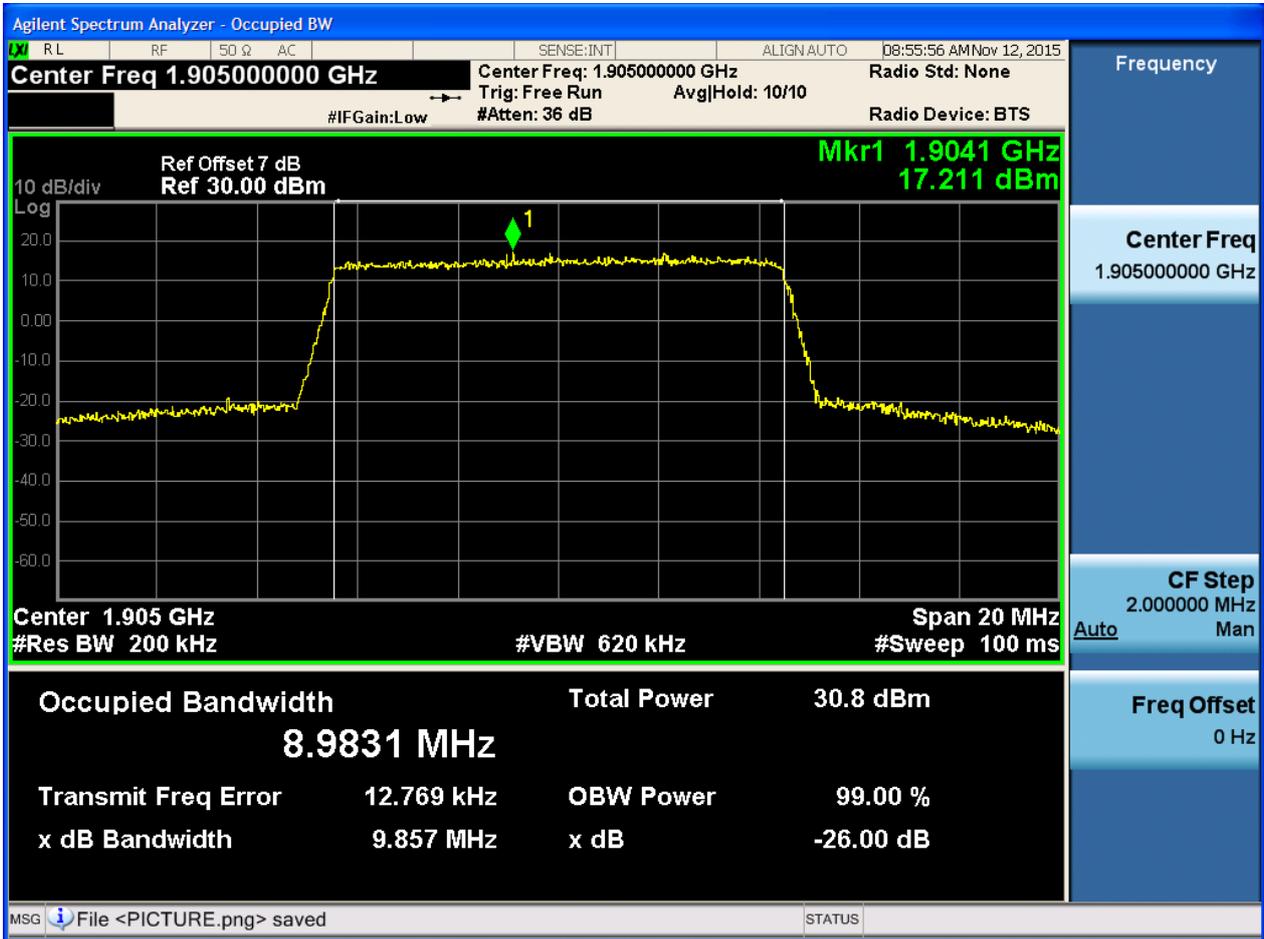
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

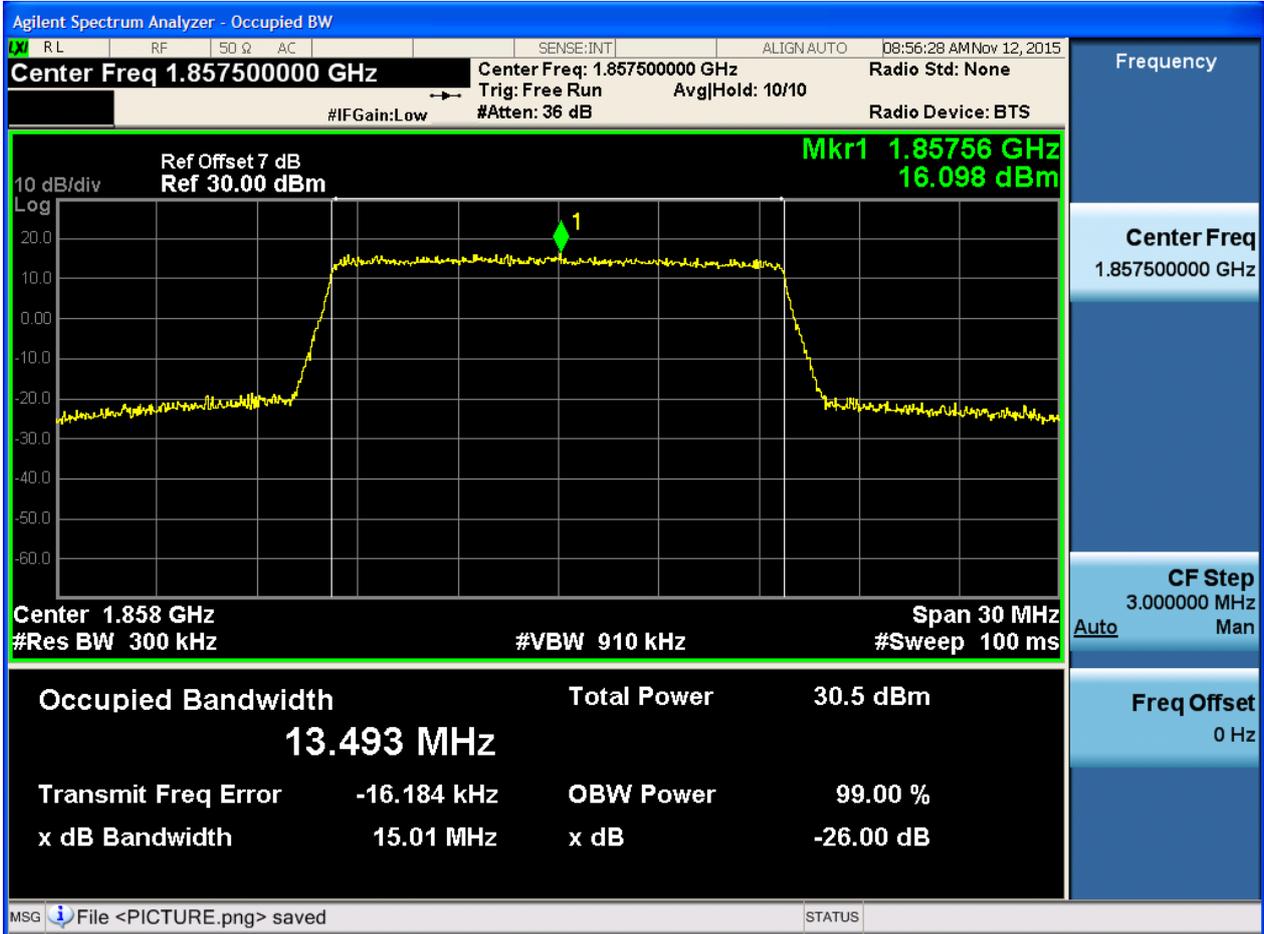




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

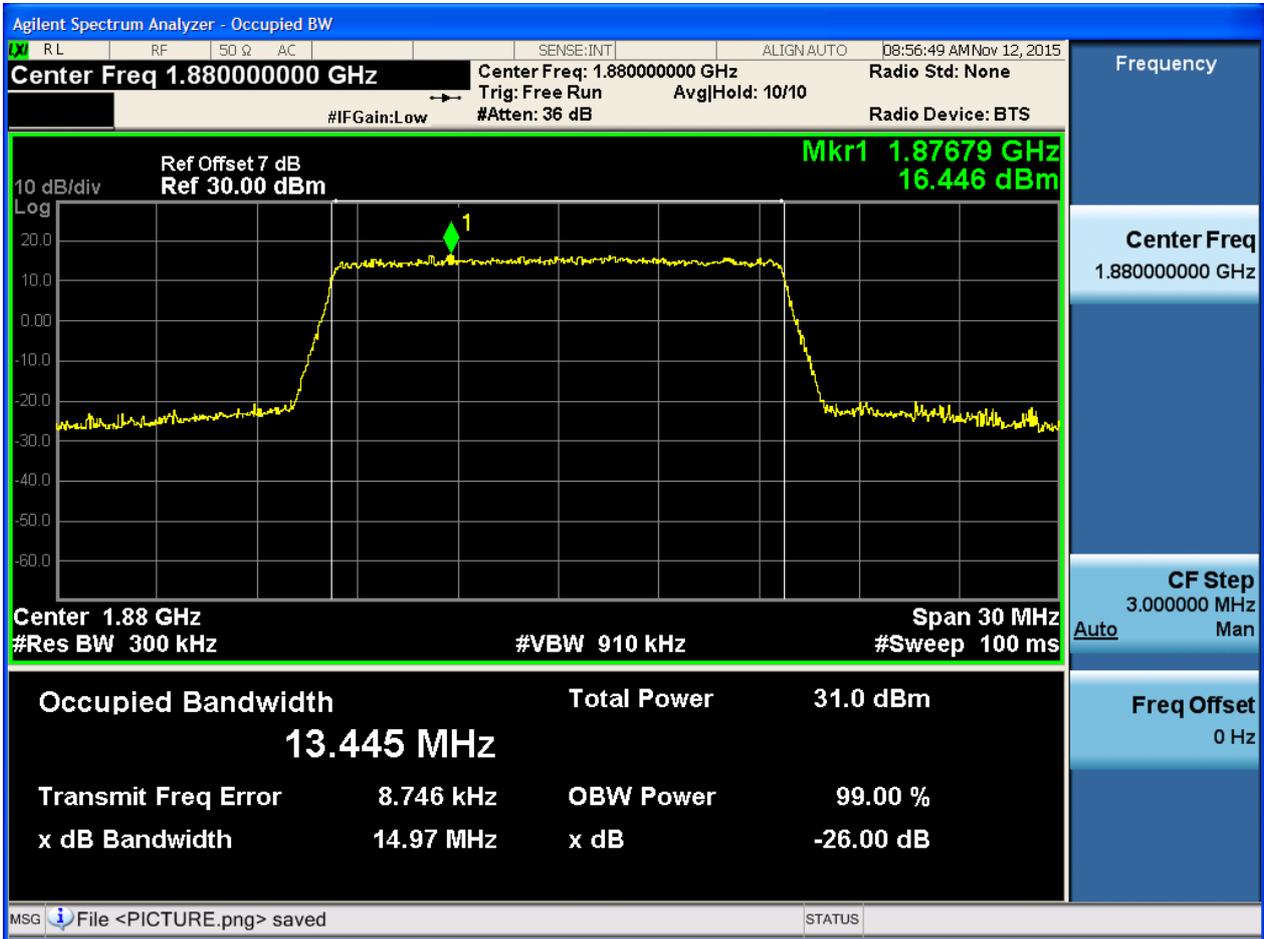
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

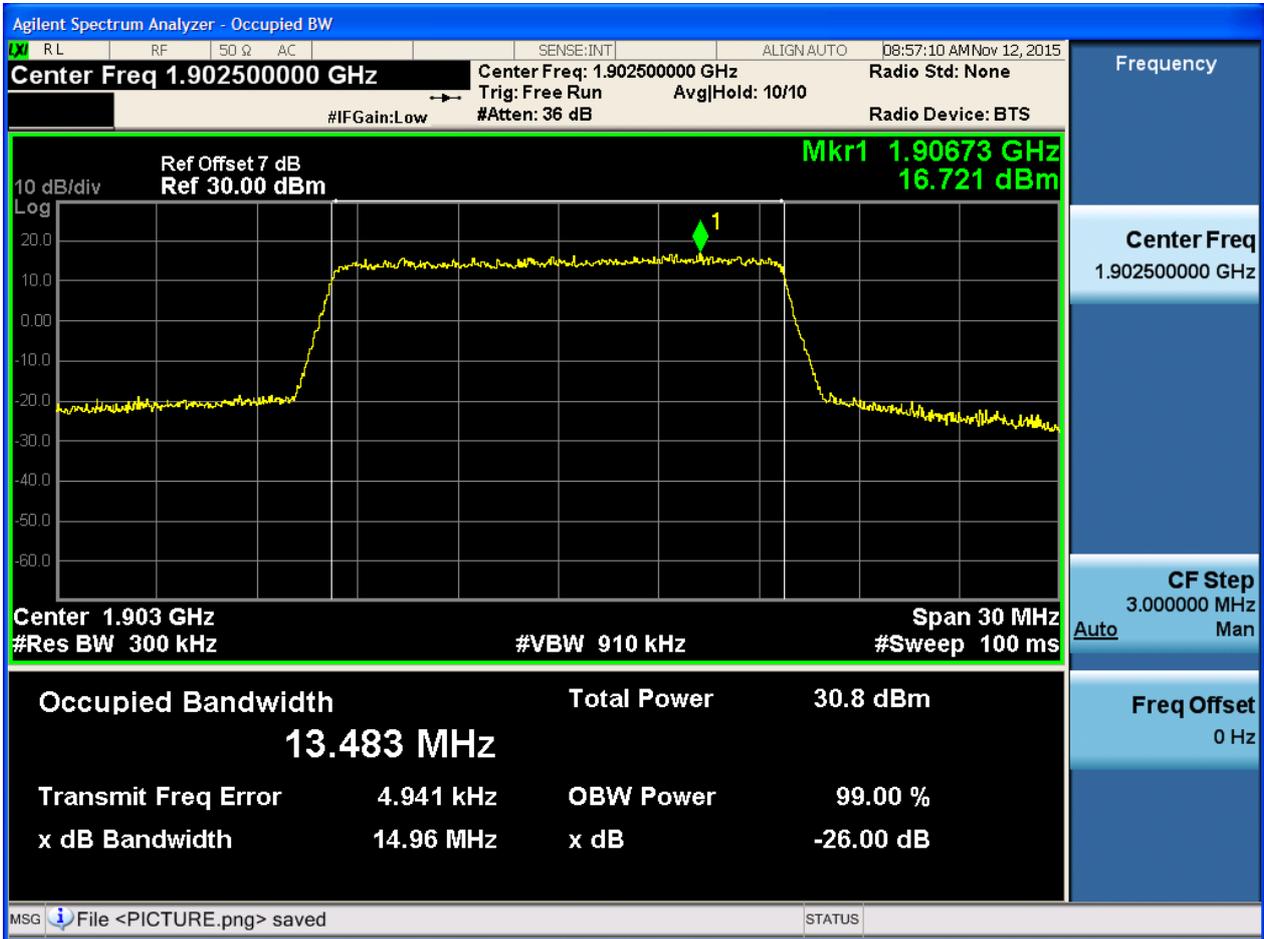
4.1.1.1.5.2.1 Test RB = RB75#0





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

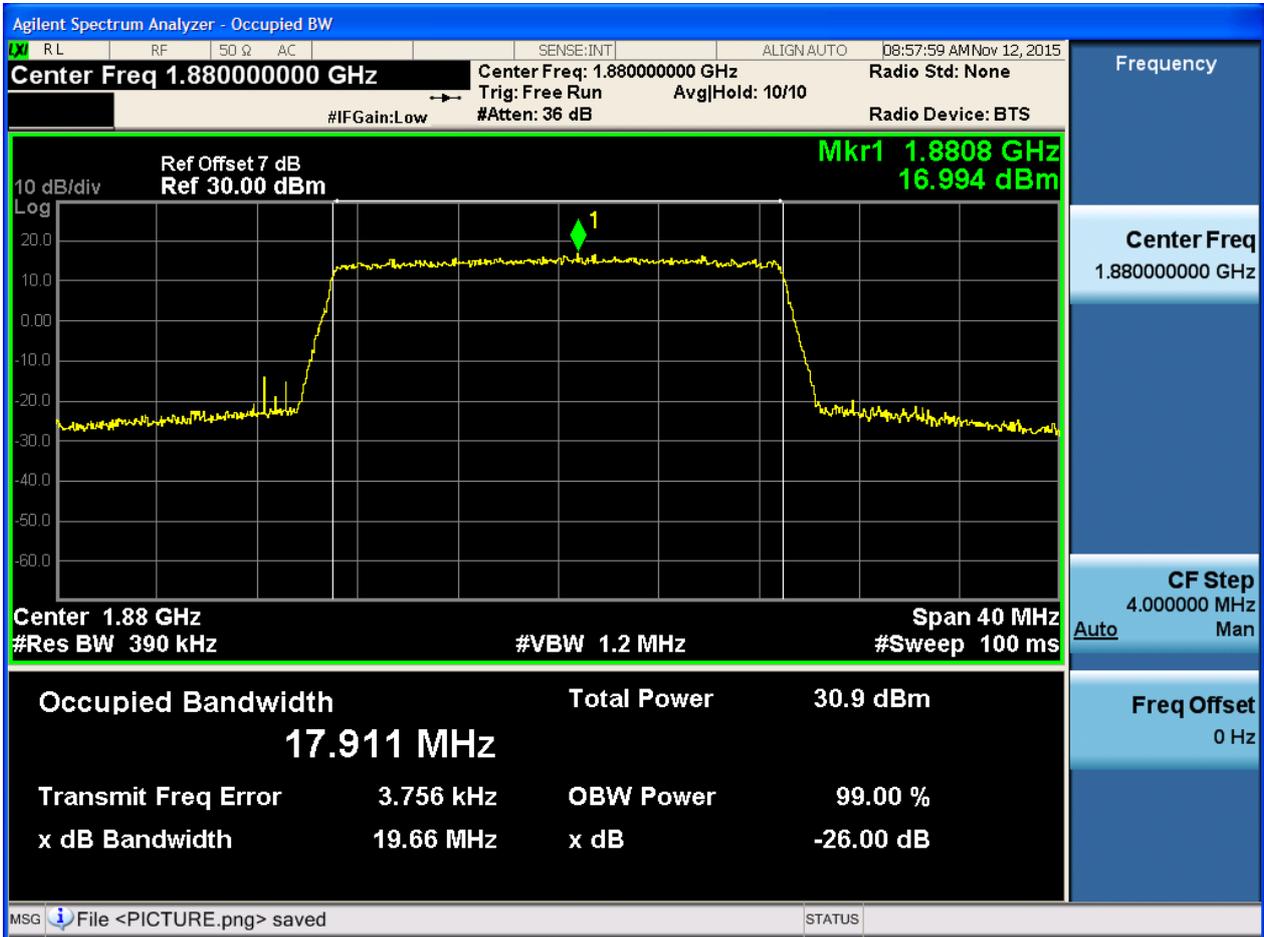
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

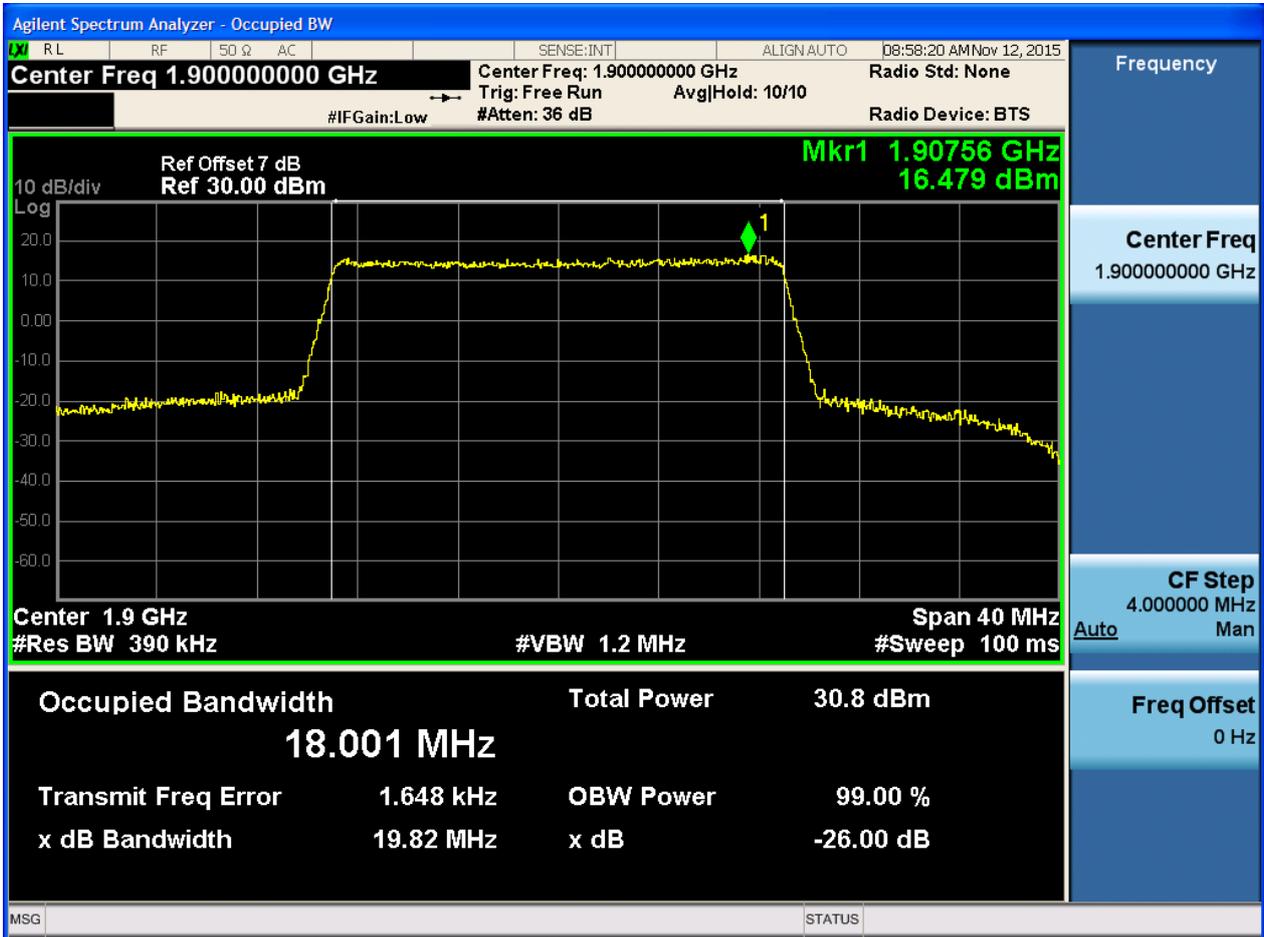
4.1.1.1.6.2.1 Test RB = RB100#0





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

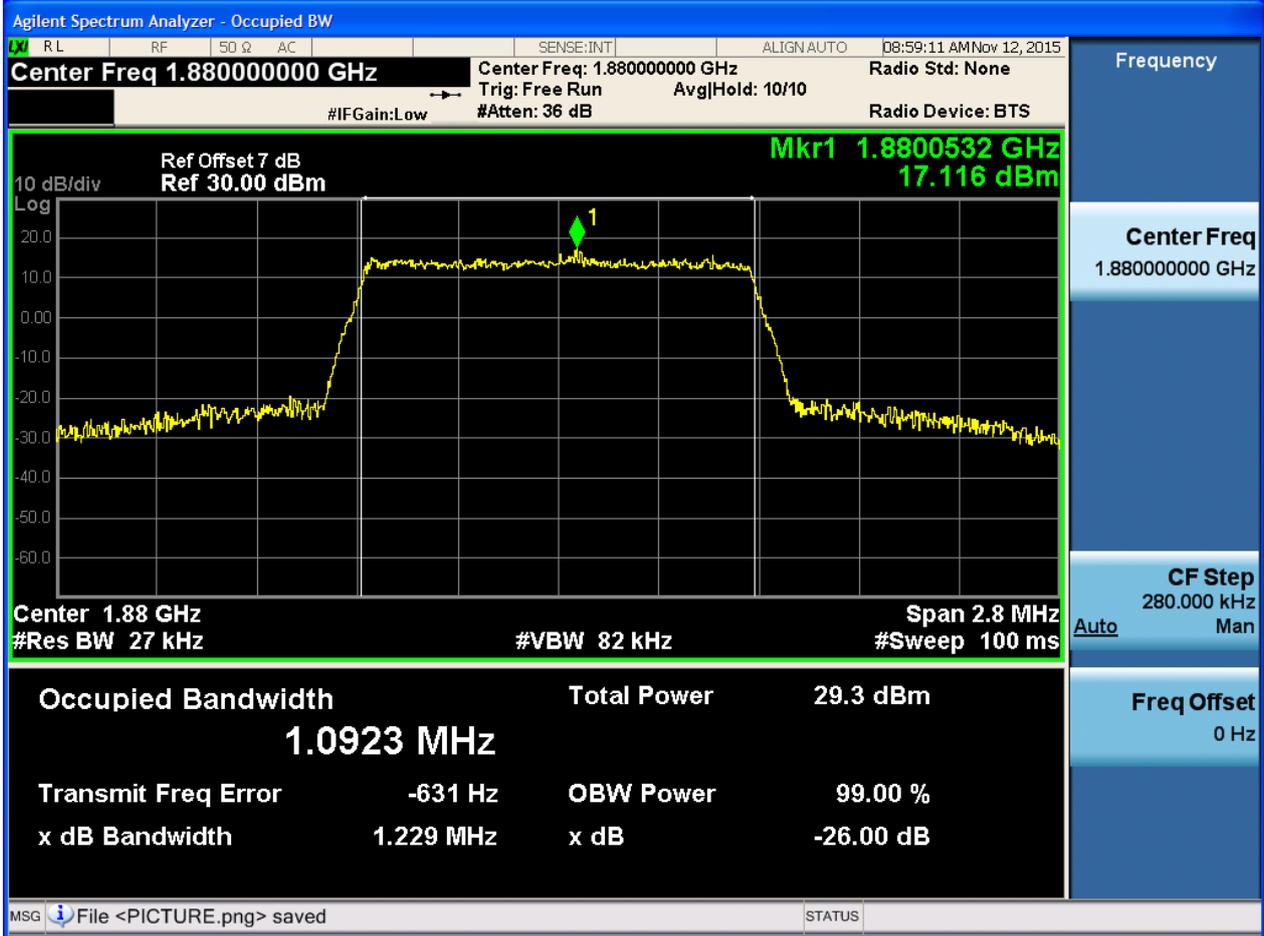
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

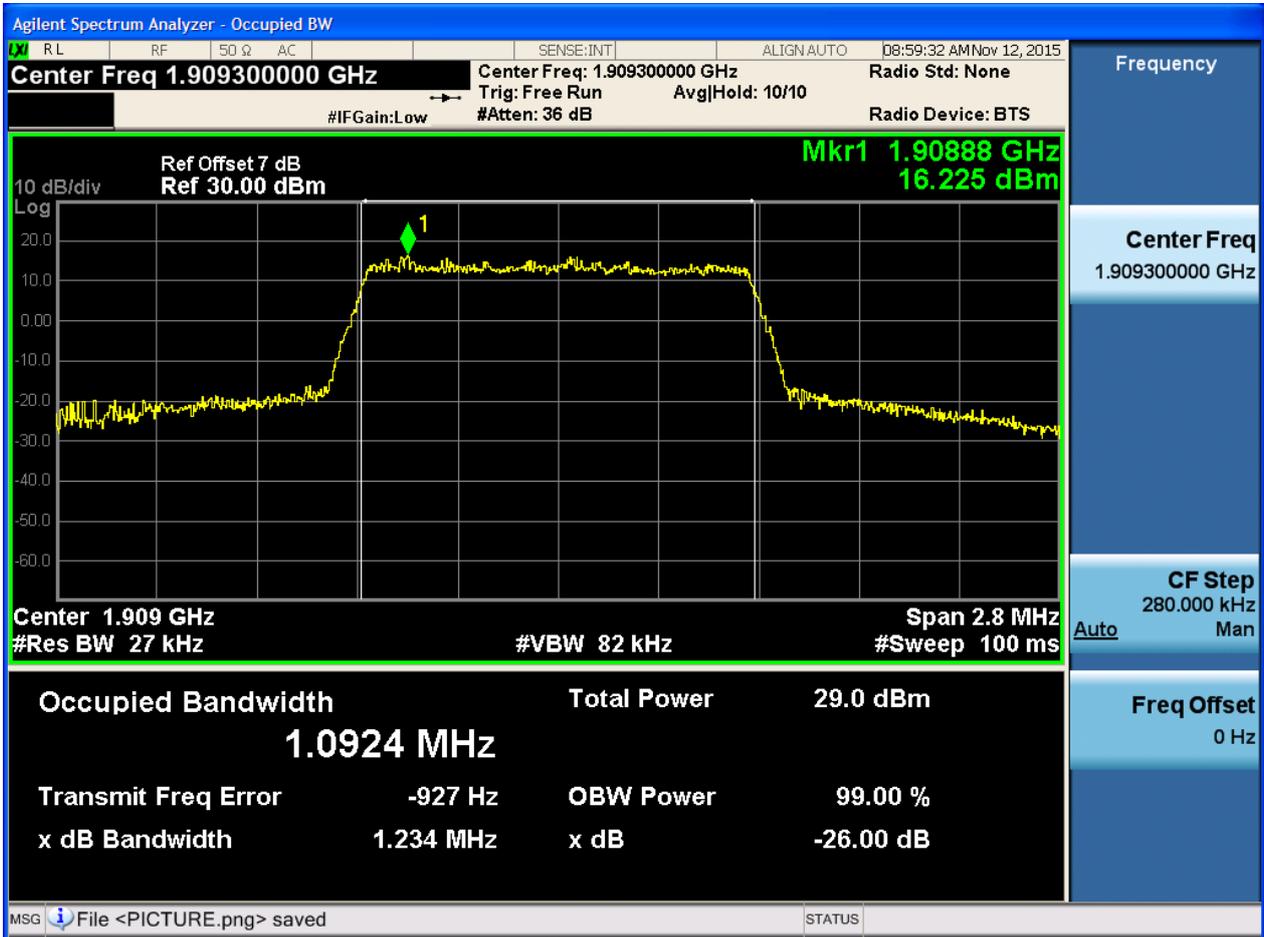
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

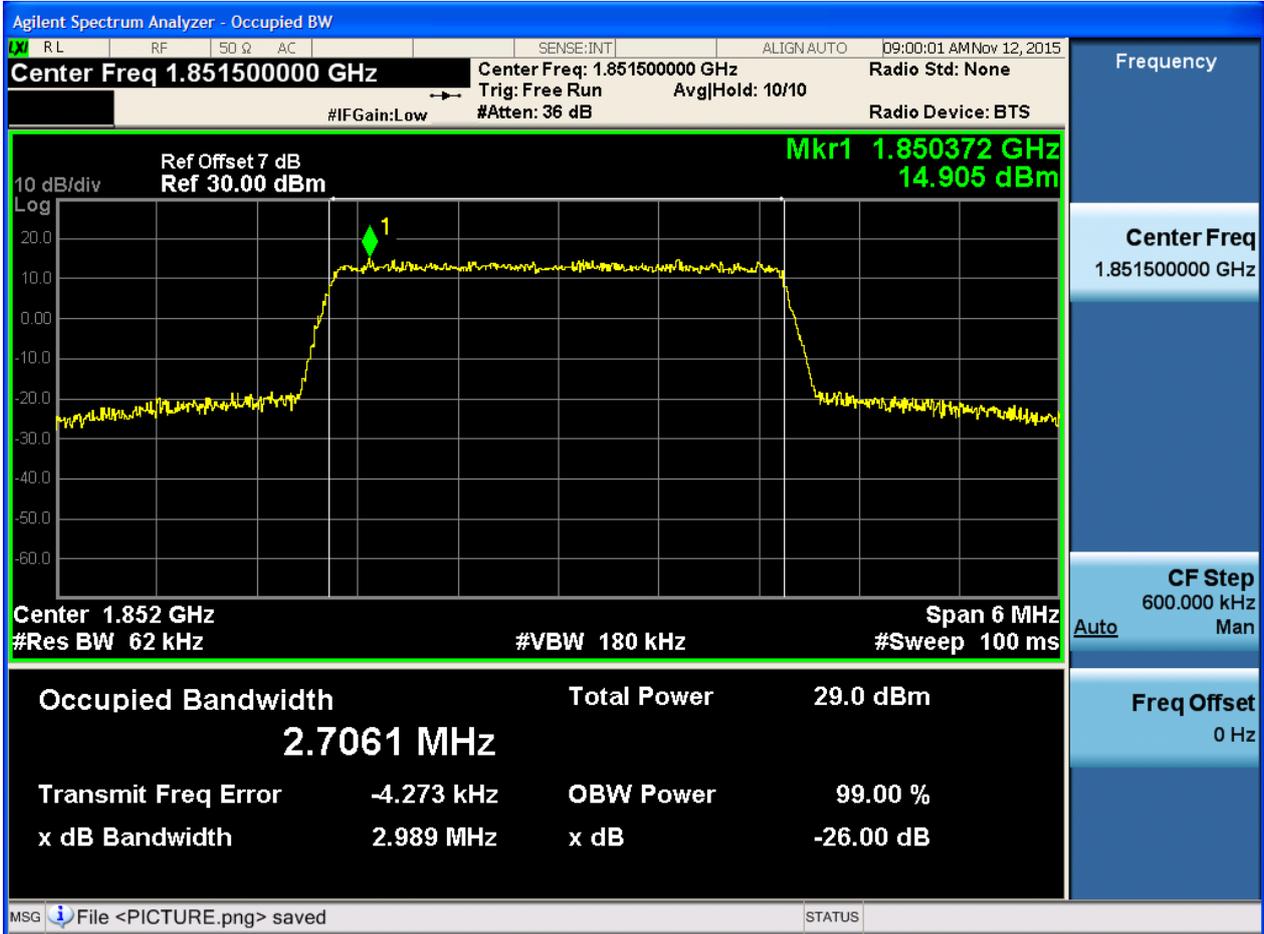




4.1.1.2.2 Test Bandwidth = 3

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

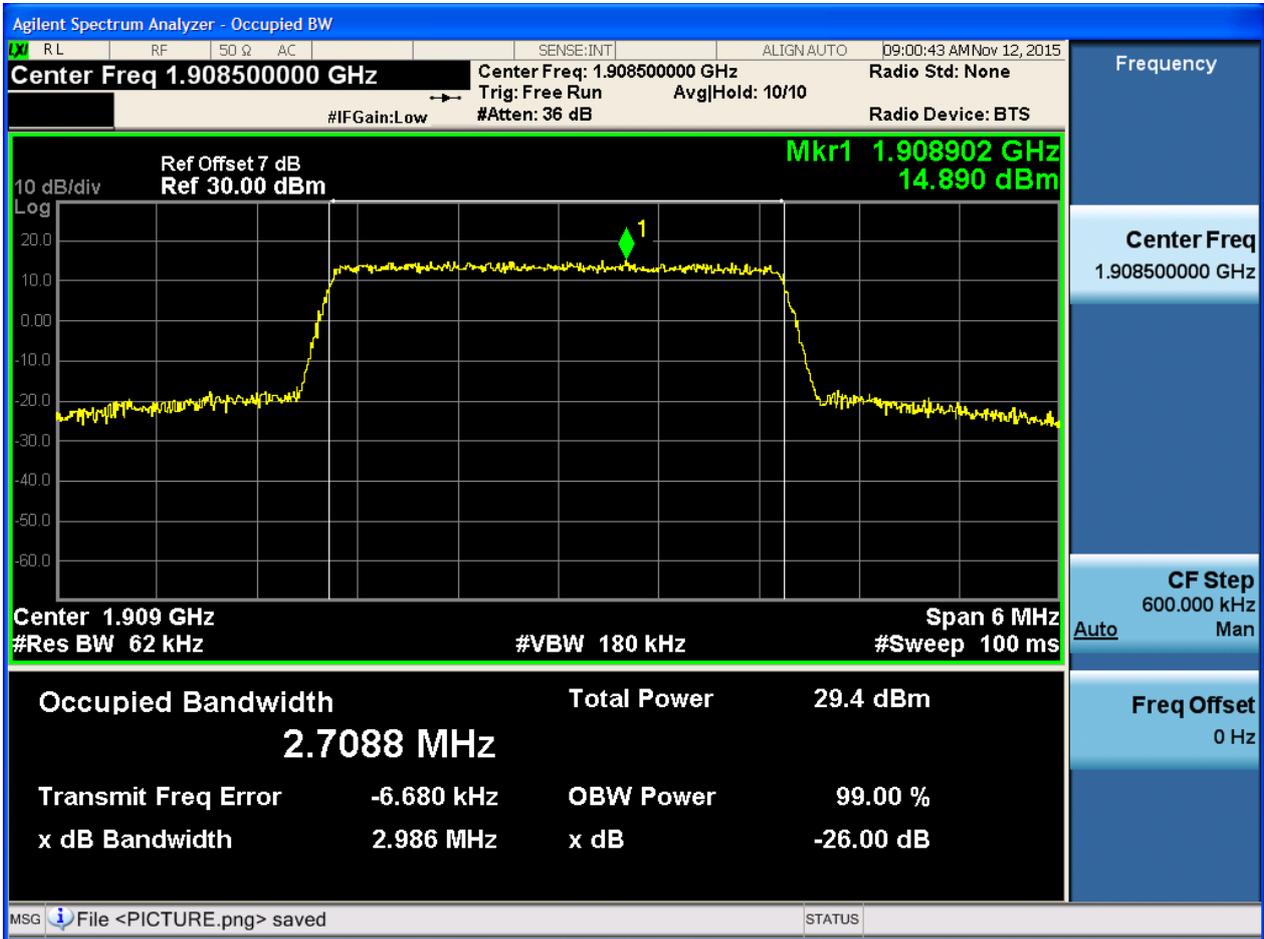
4.1.1.2.2.1 Test RB = RB15#0





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

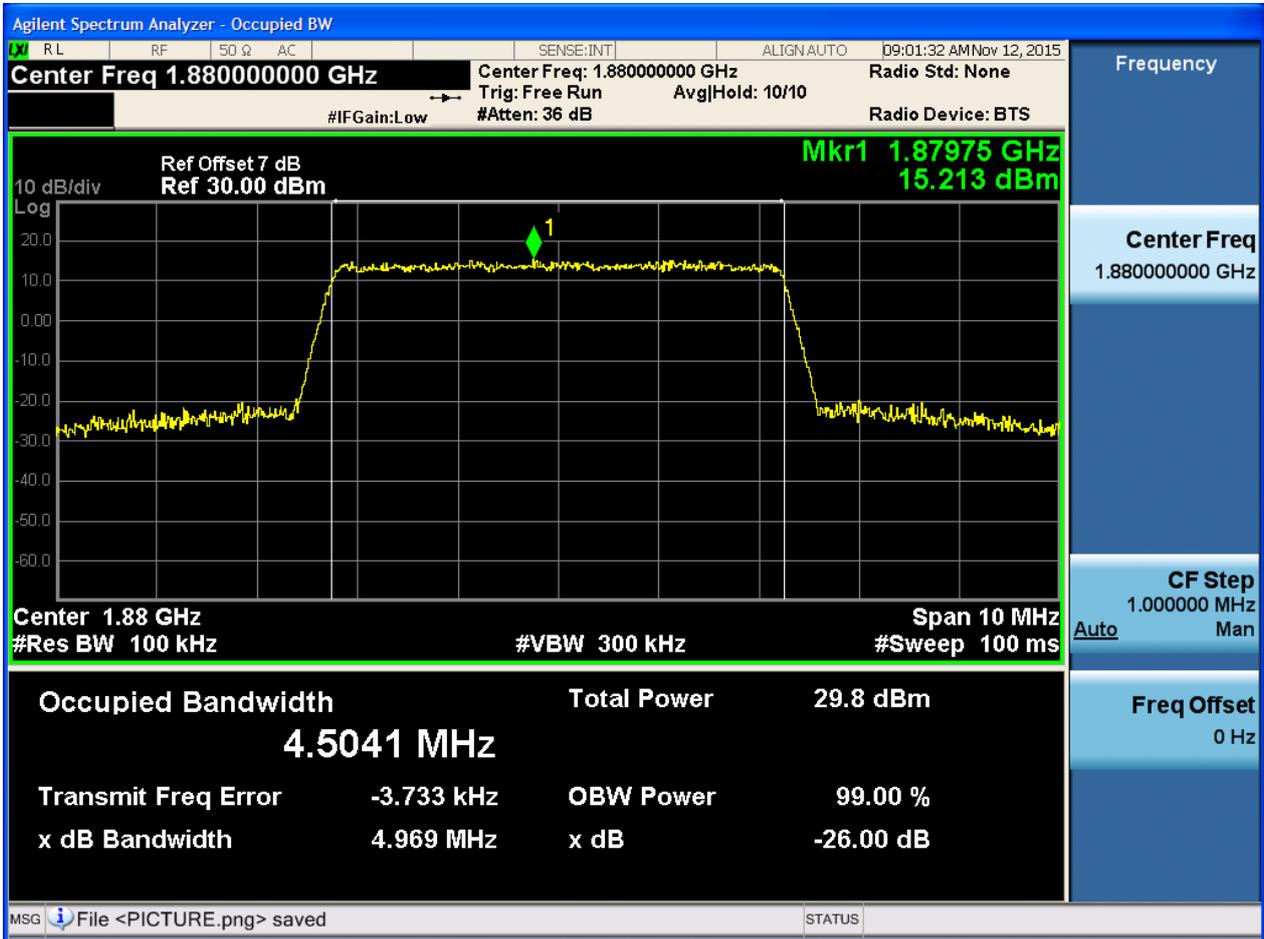
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

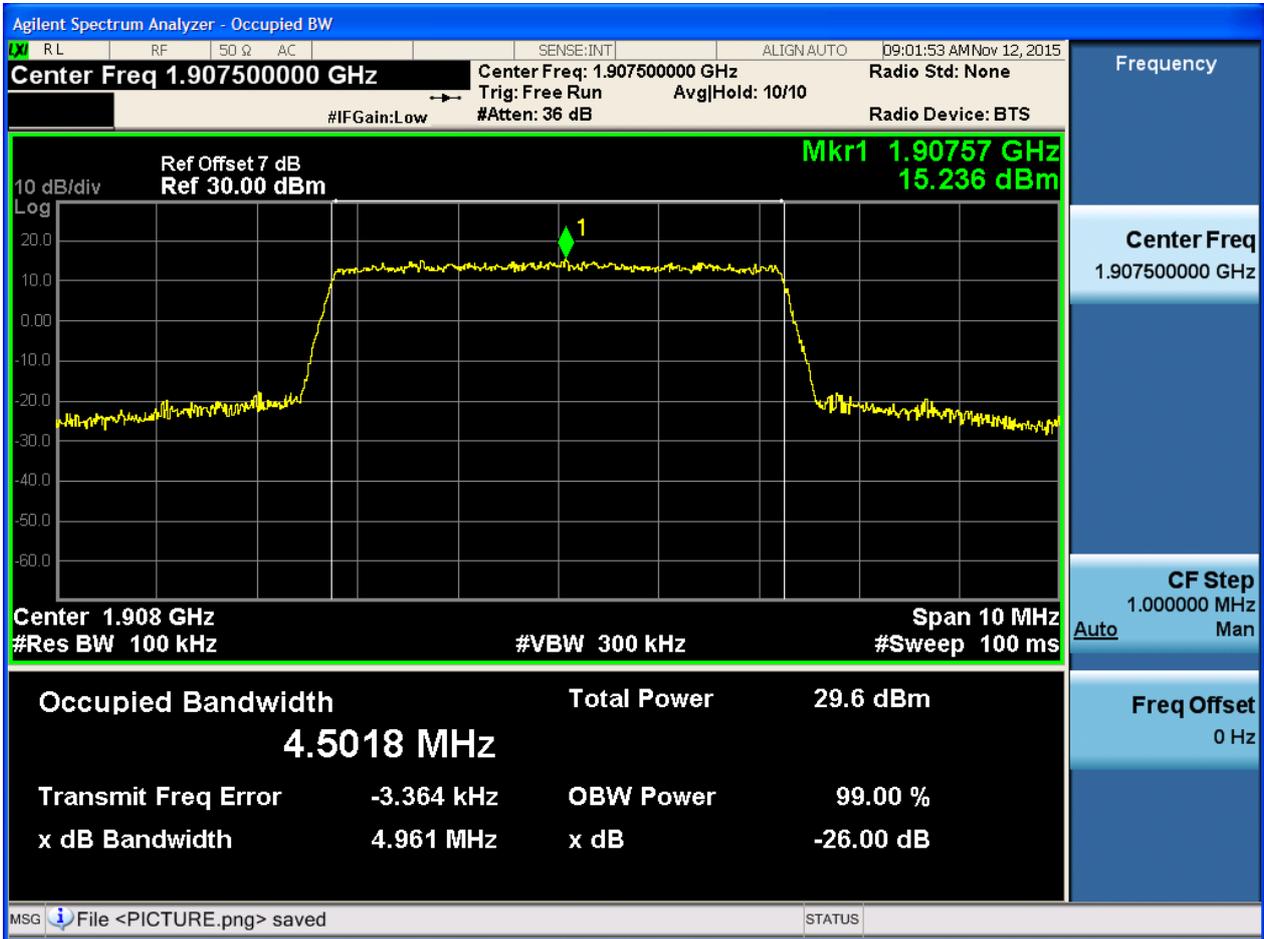
4.1.1.2.3.2.1 Test RB = RB25#0





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

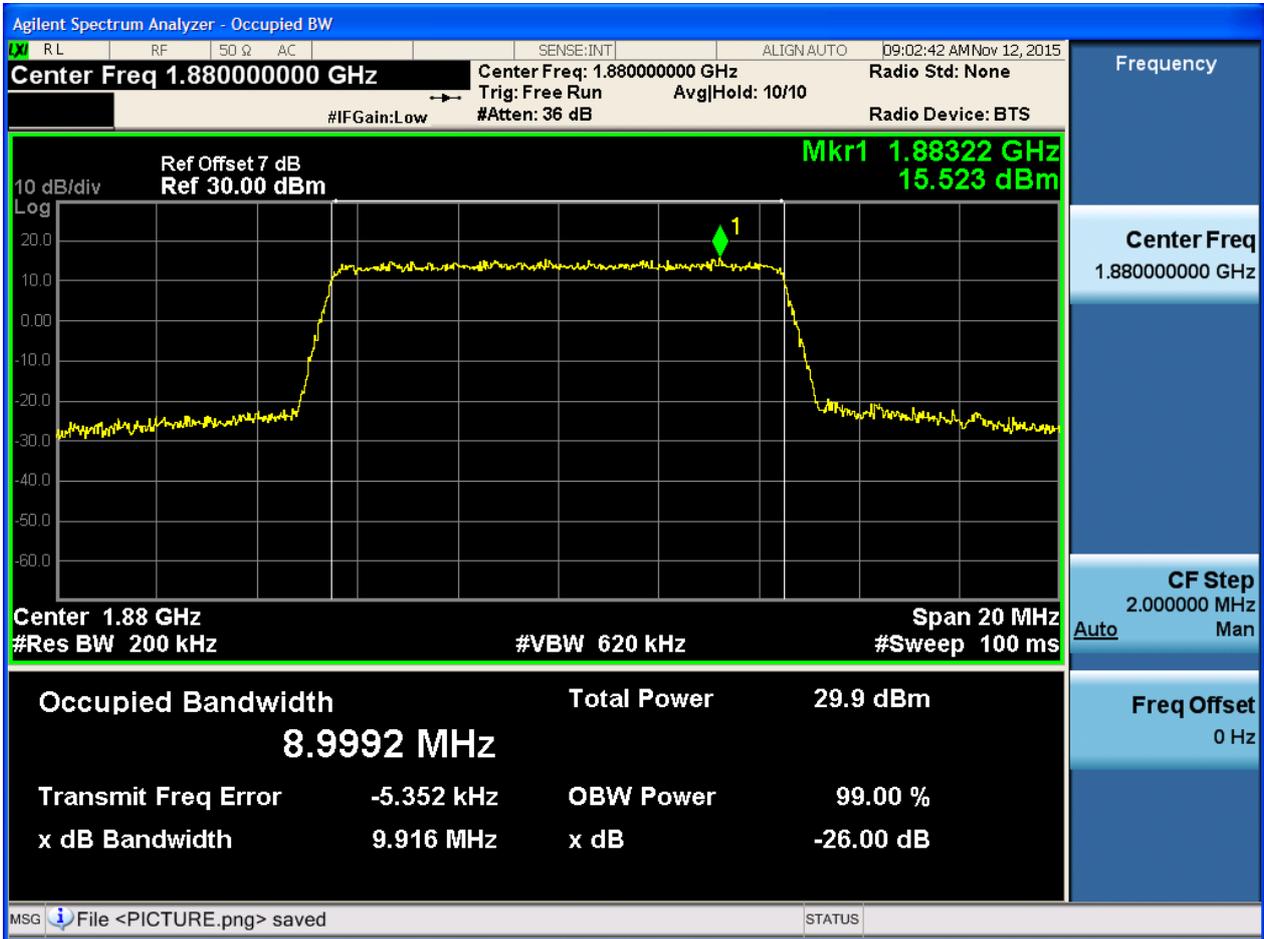
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

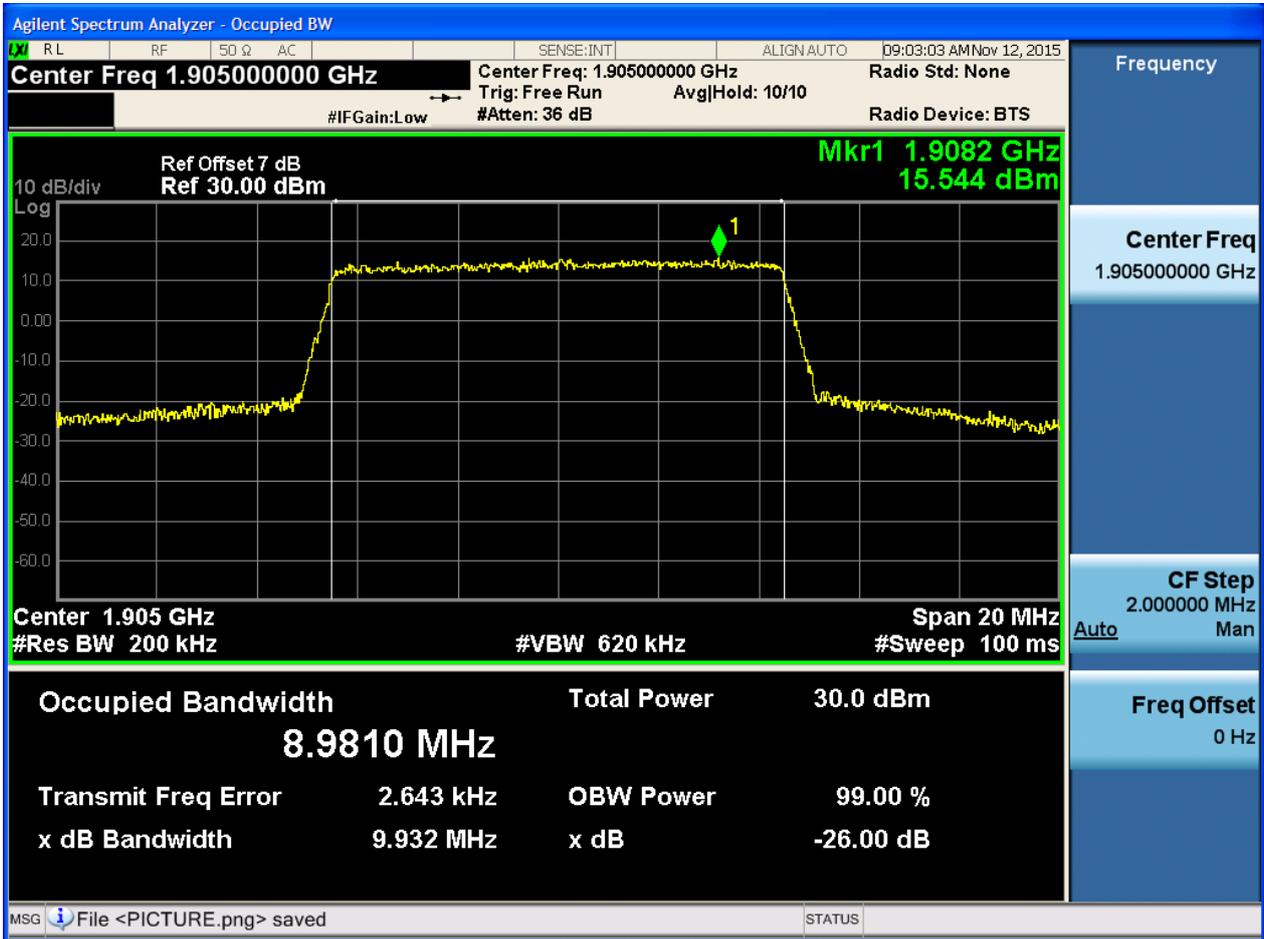
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

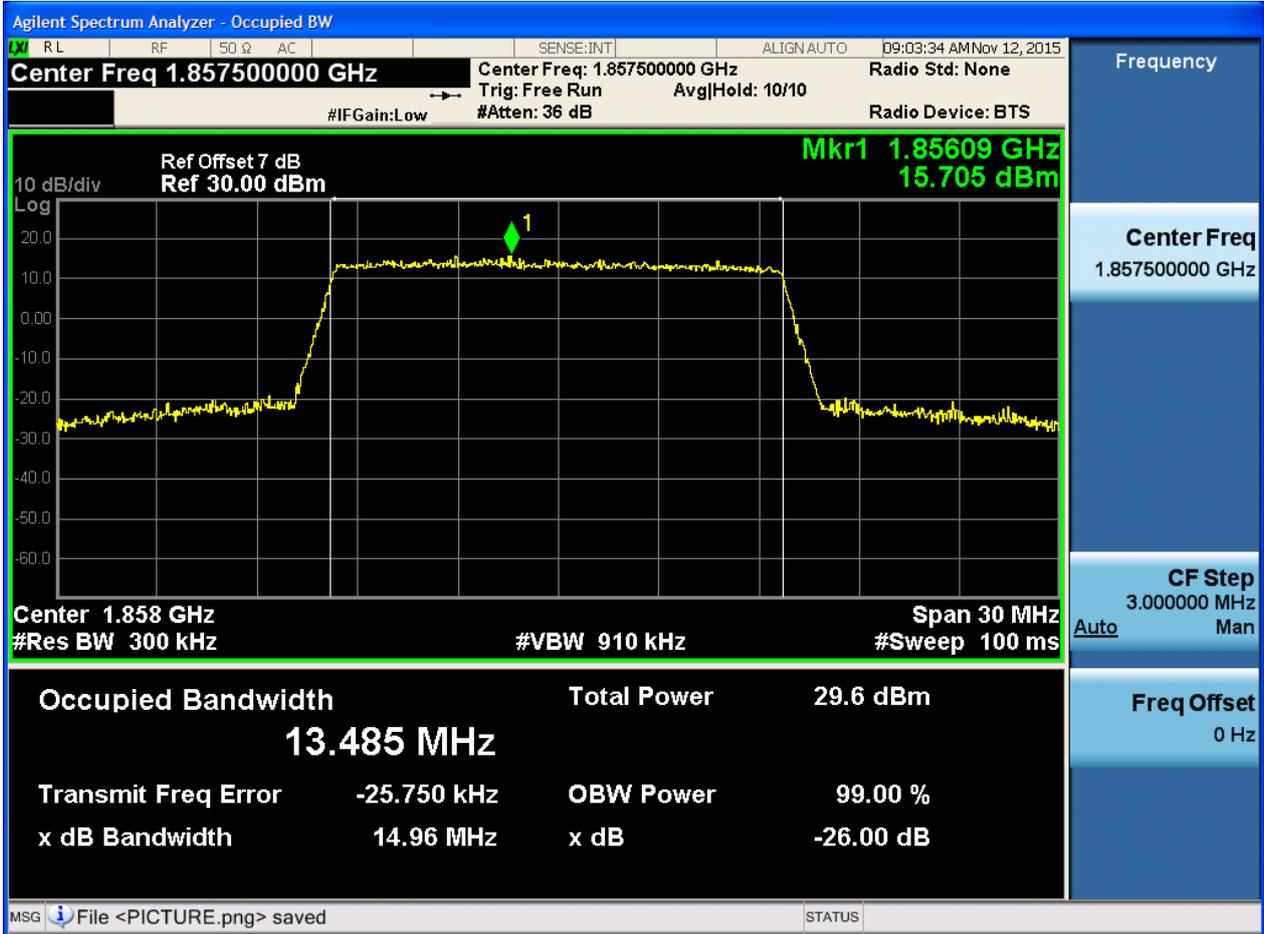




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

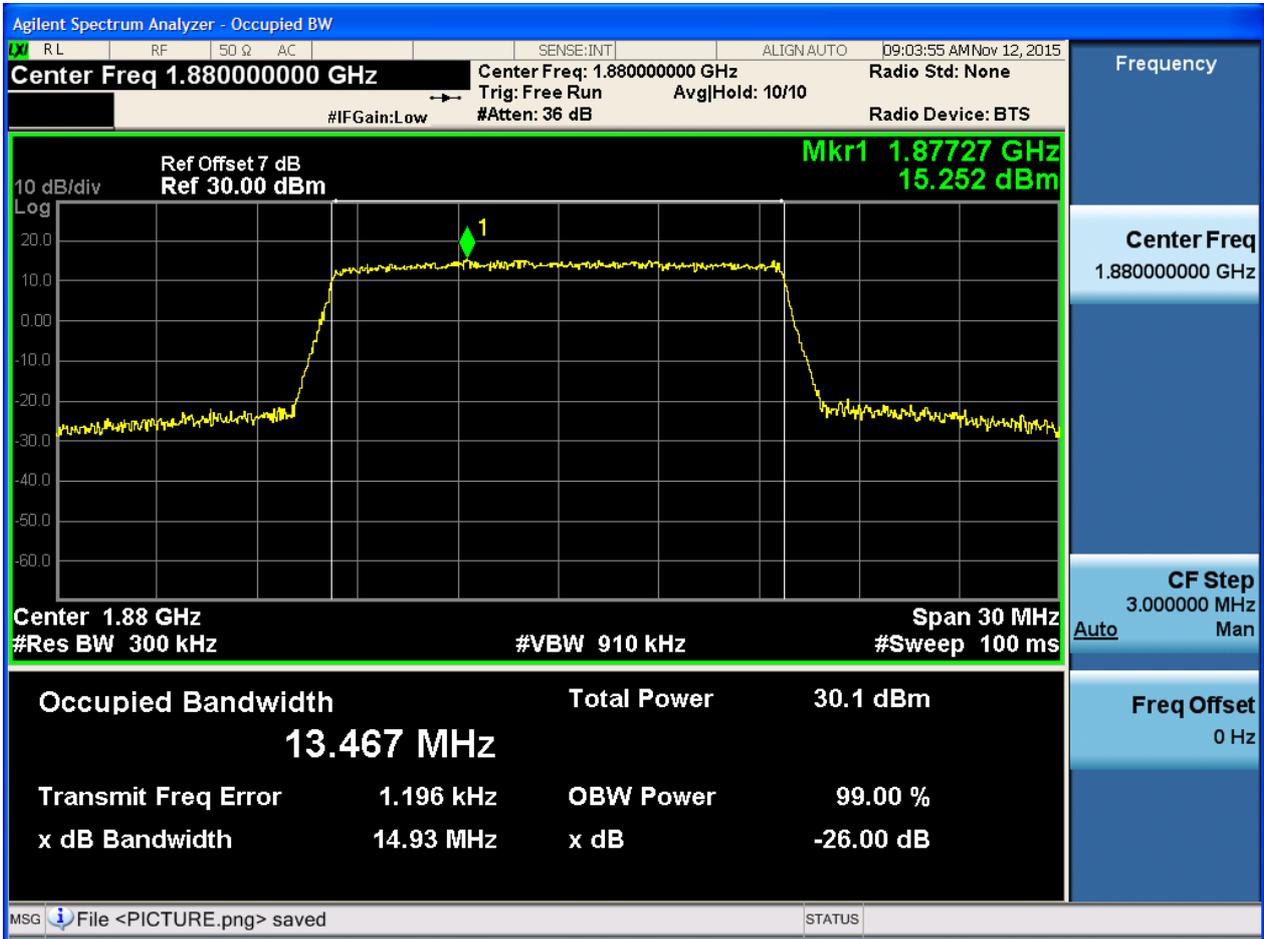
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

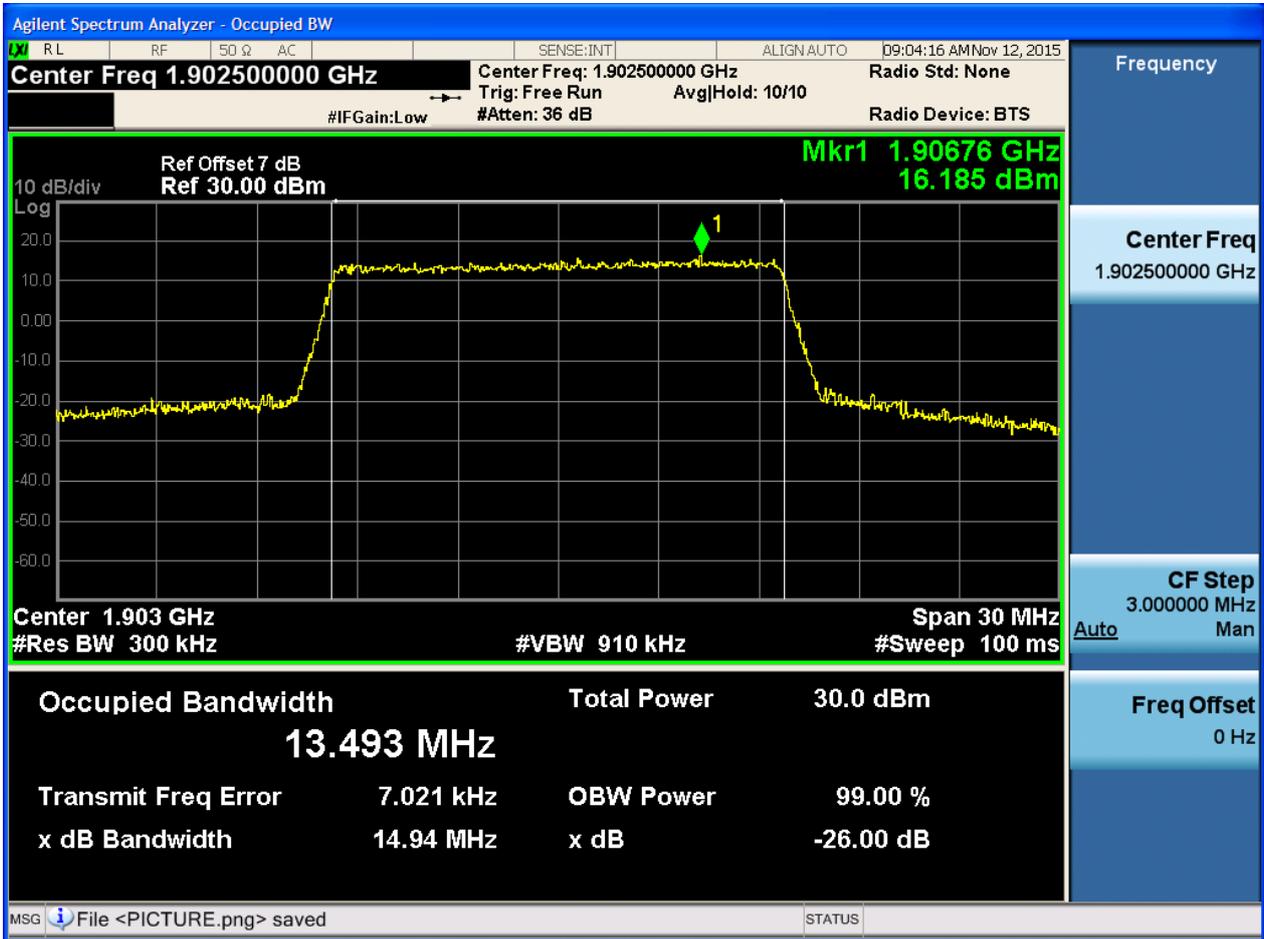
4.1.1.2.5.2.1 Test RB = RB75#0





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

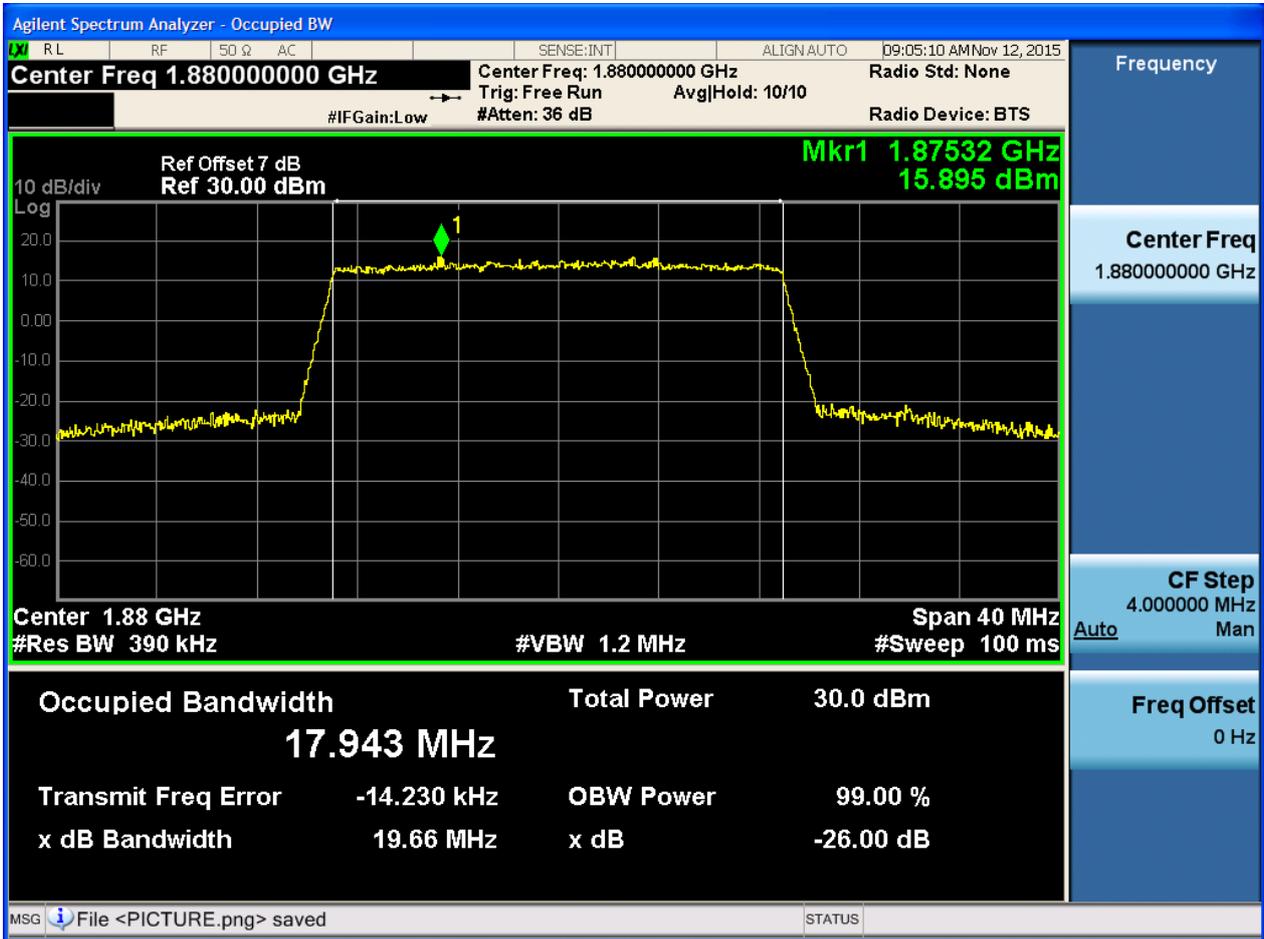
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

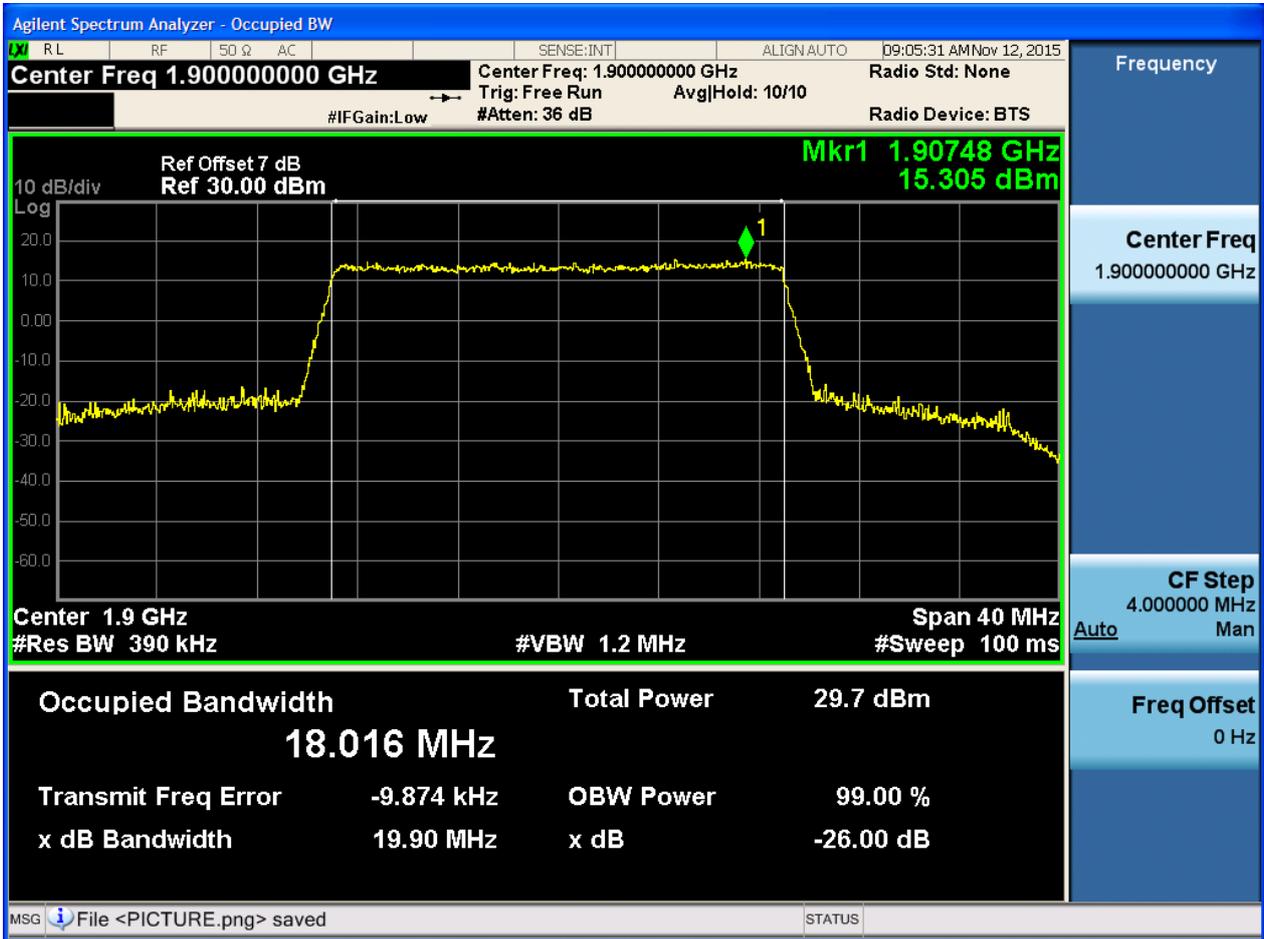
4.1.1.2.6.2.1 Test RB = RB100#0





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

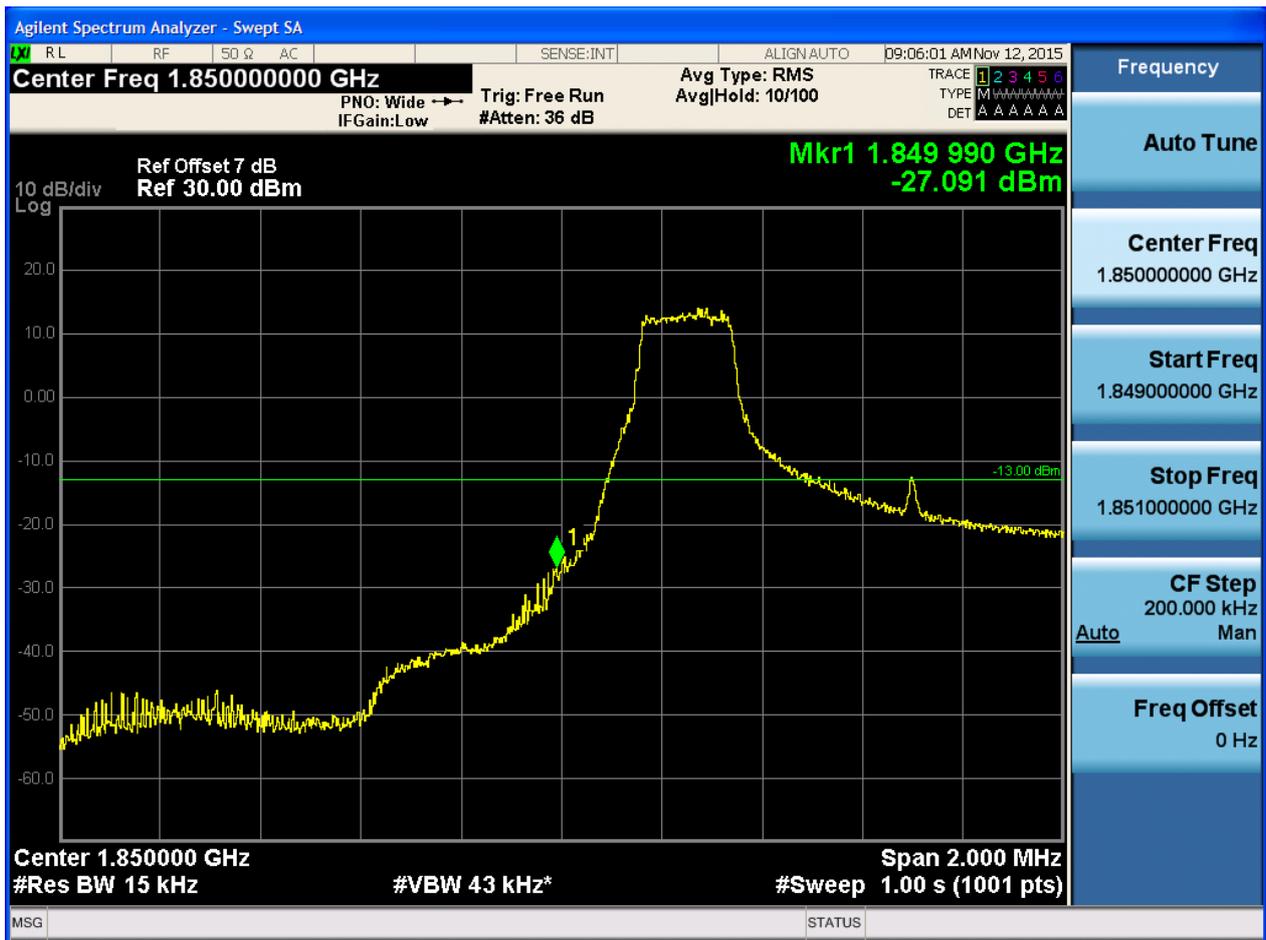
##### 5.1.1 Test Band = BAND2

##### 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



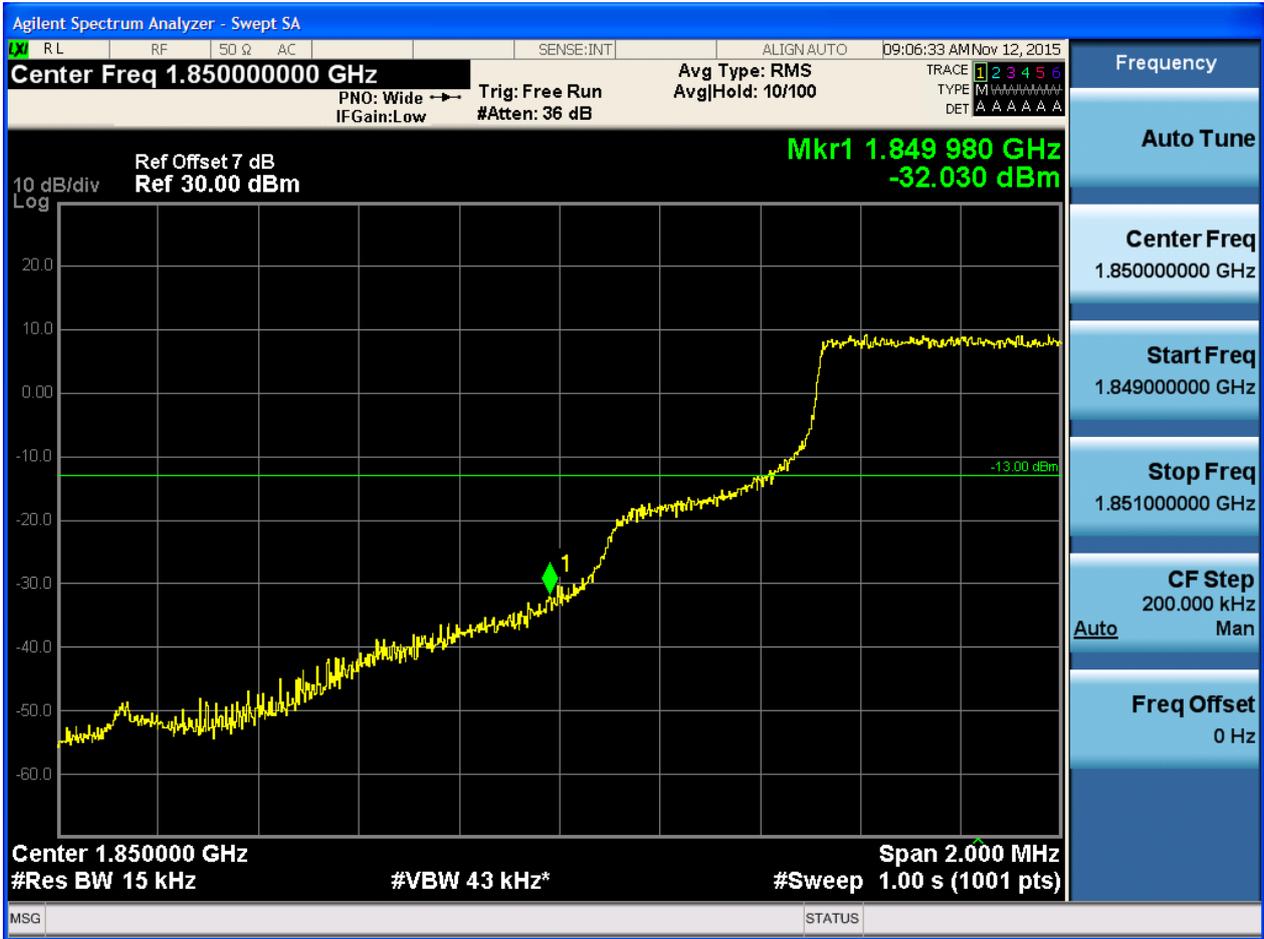


5.1.1.1.1.2 Test RB = RB1#5





5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





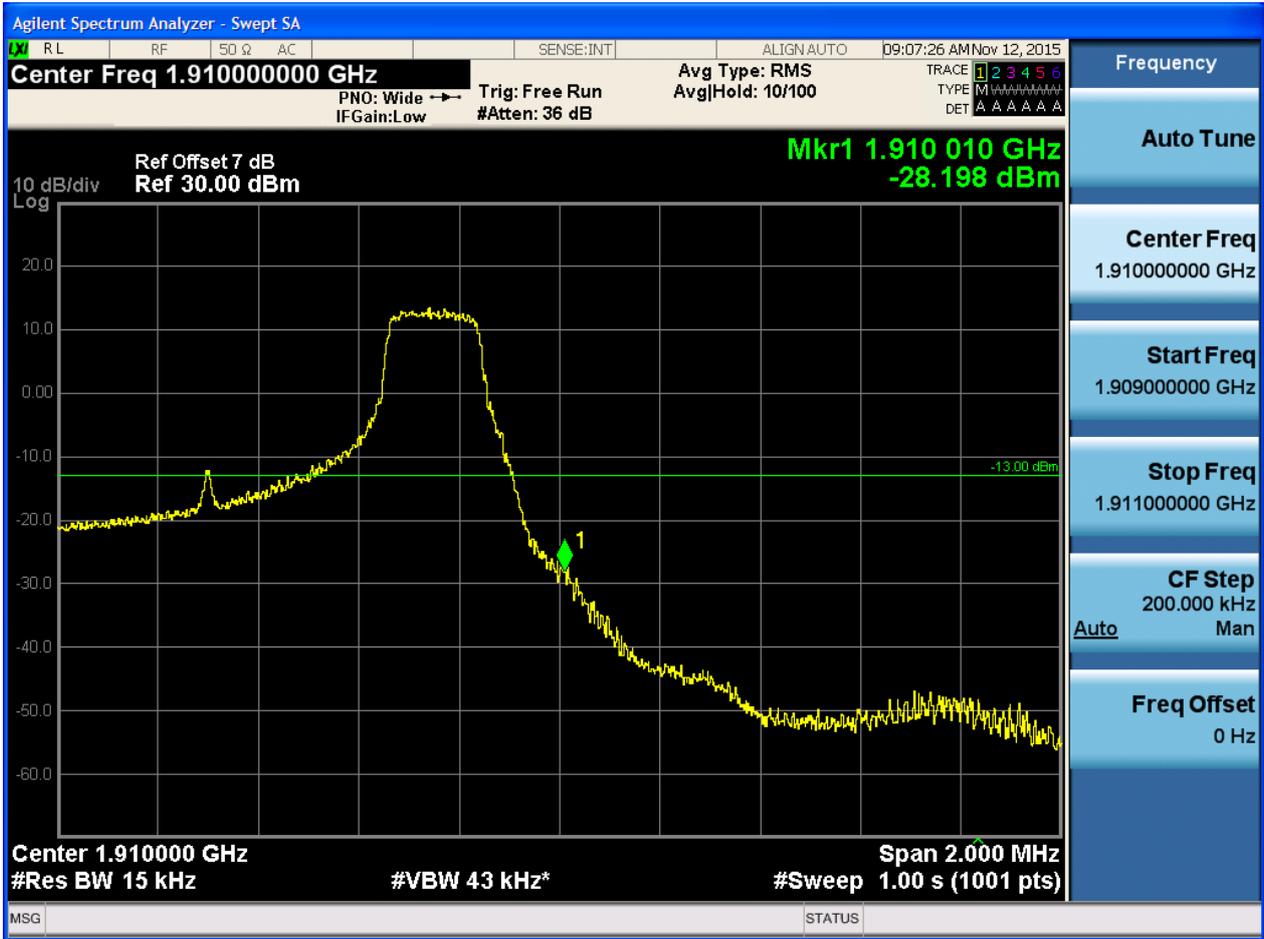
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5



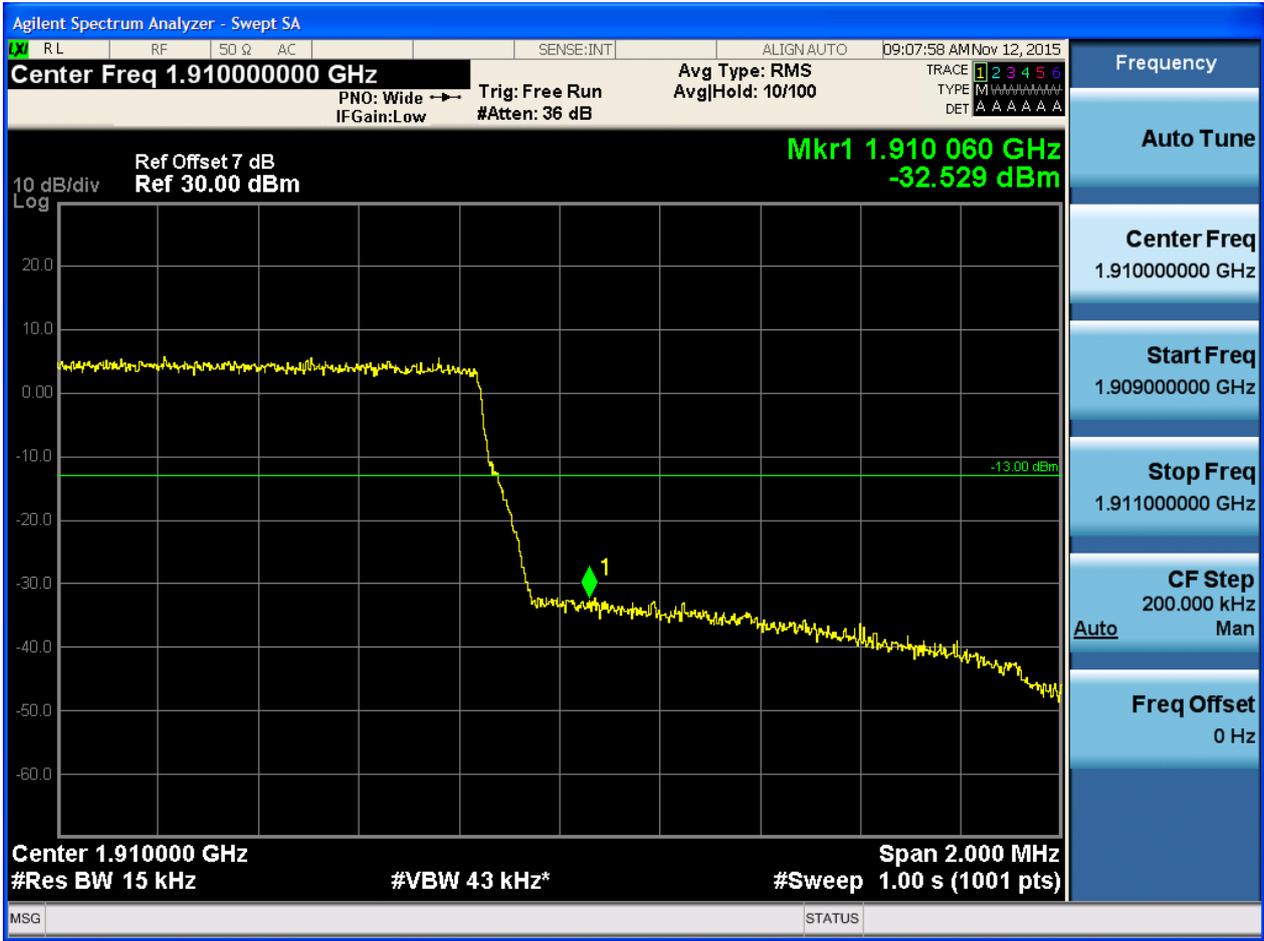


5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

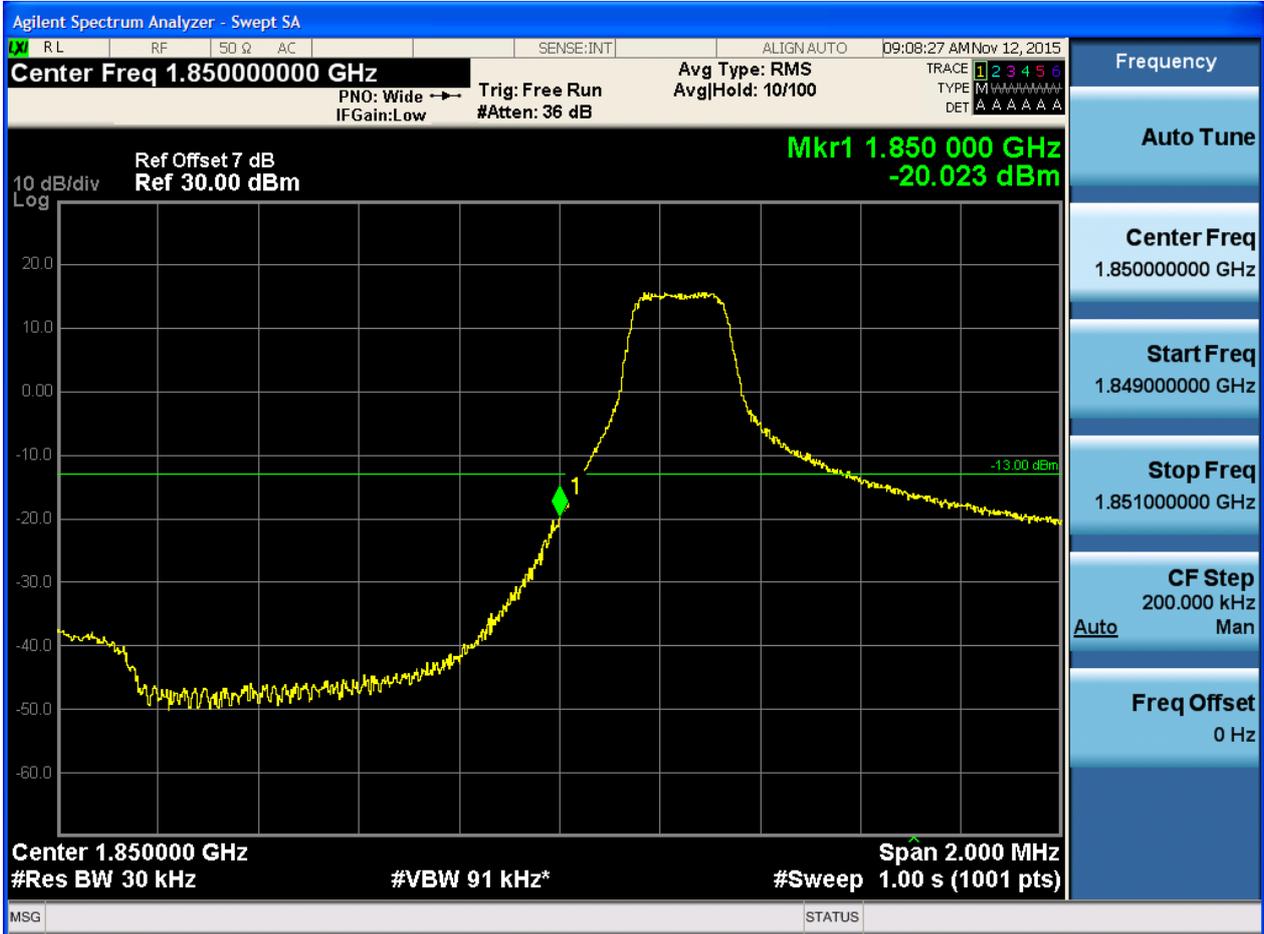




5.1.1.1.2 Test Bandwidth = 3

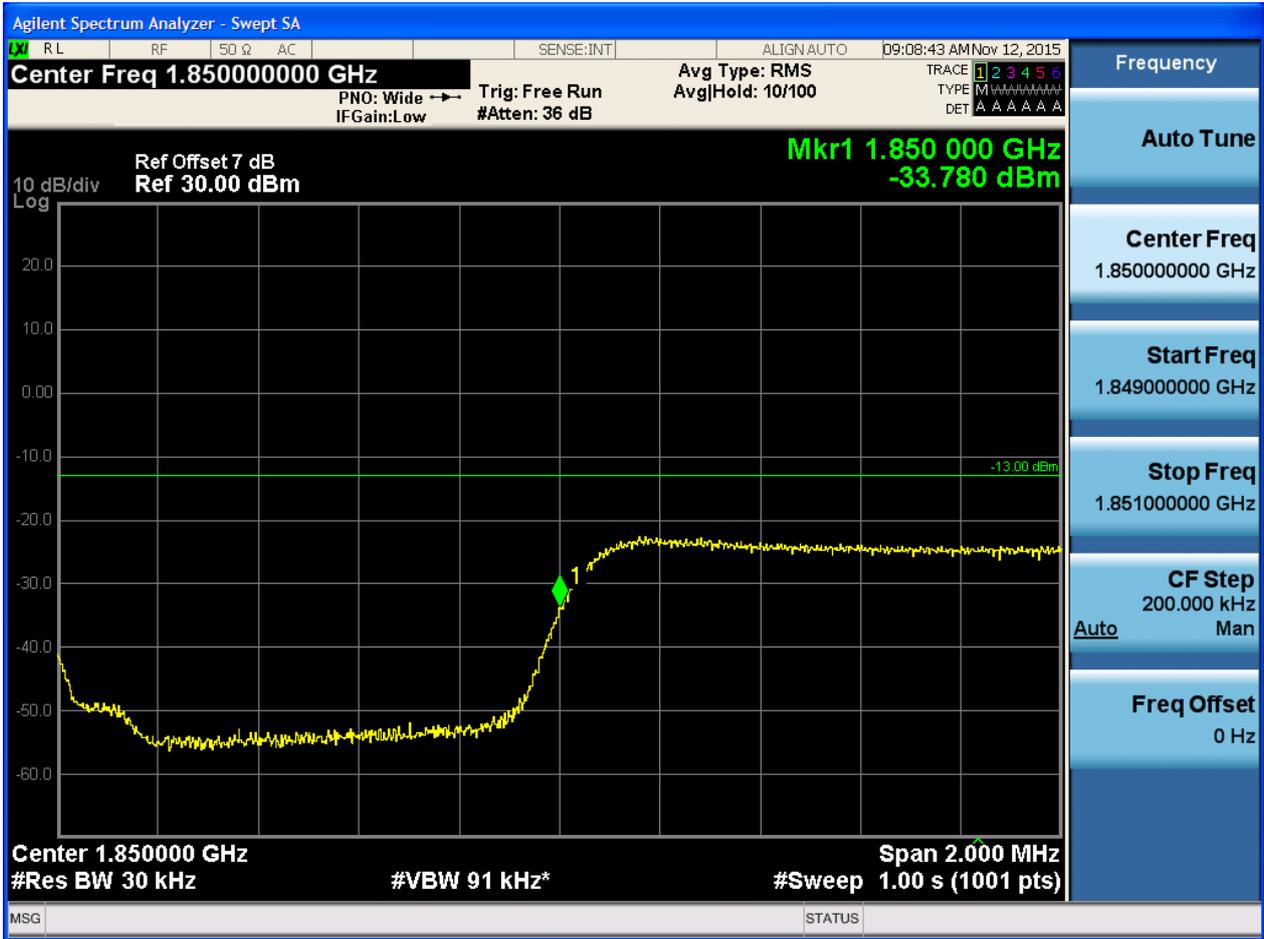
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



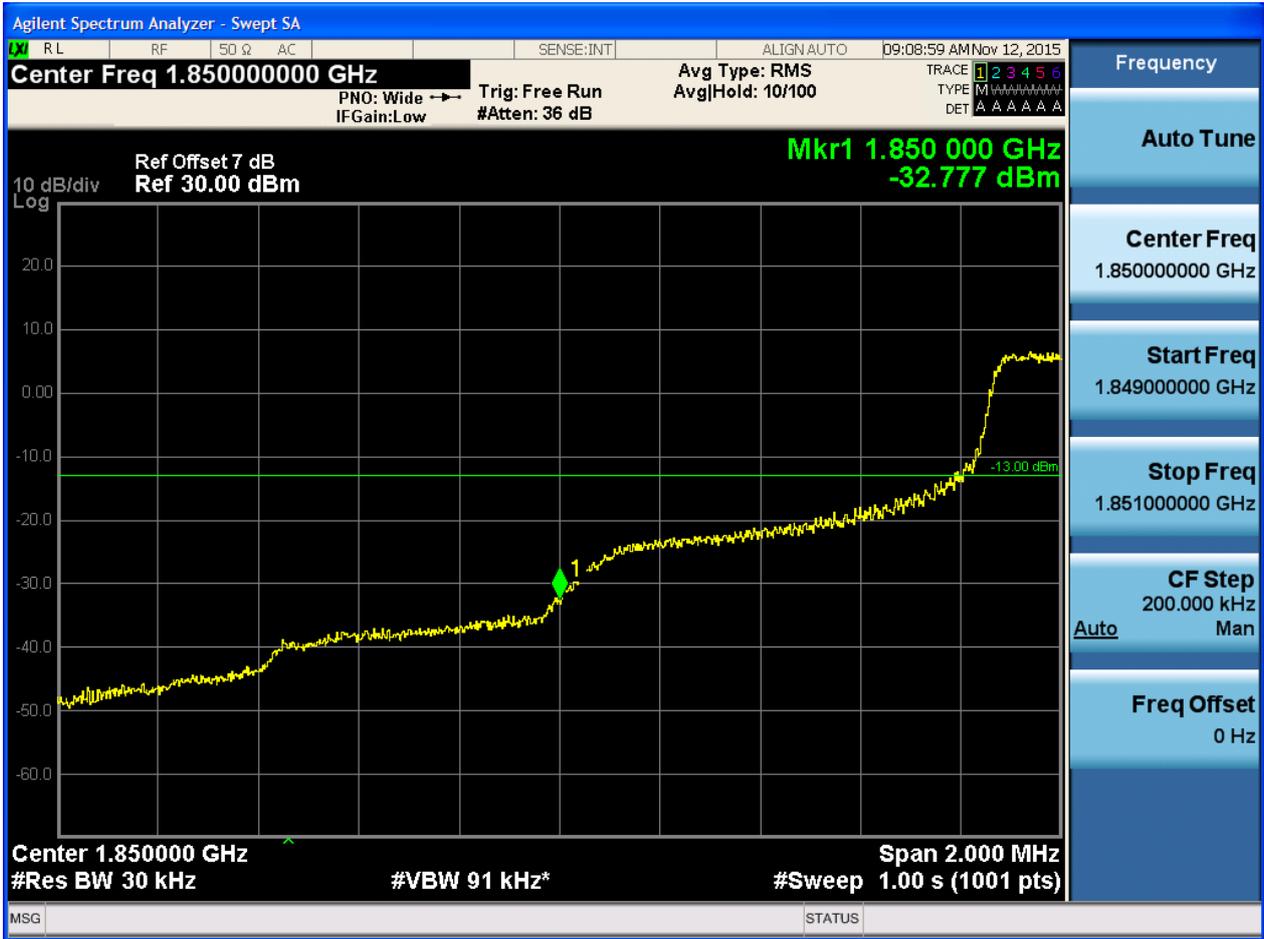


5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4





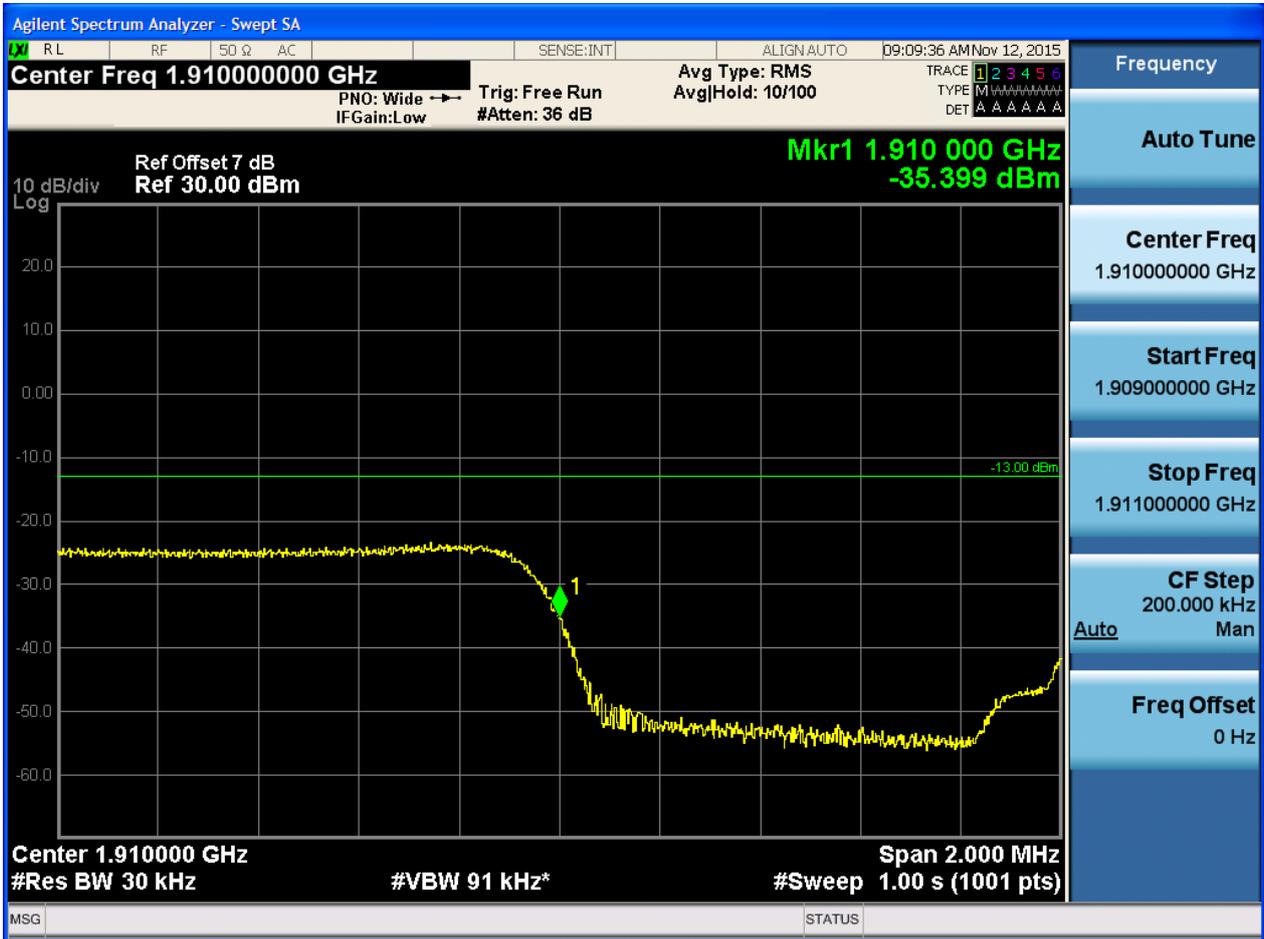
5.1.1.1.2.1.4 Test RB = RB15#0





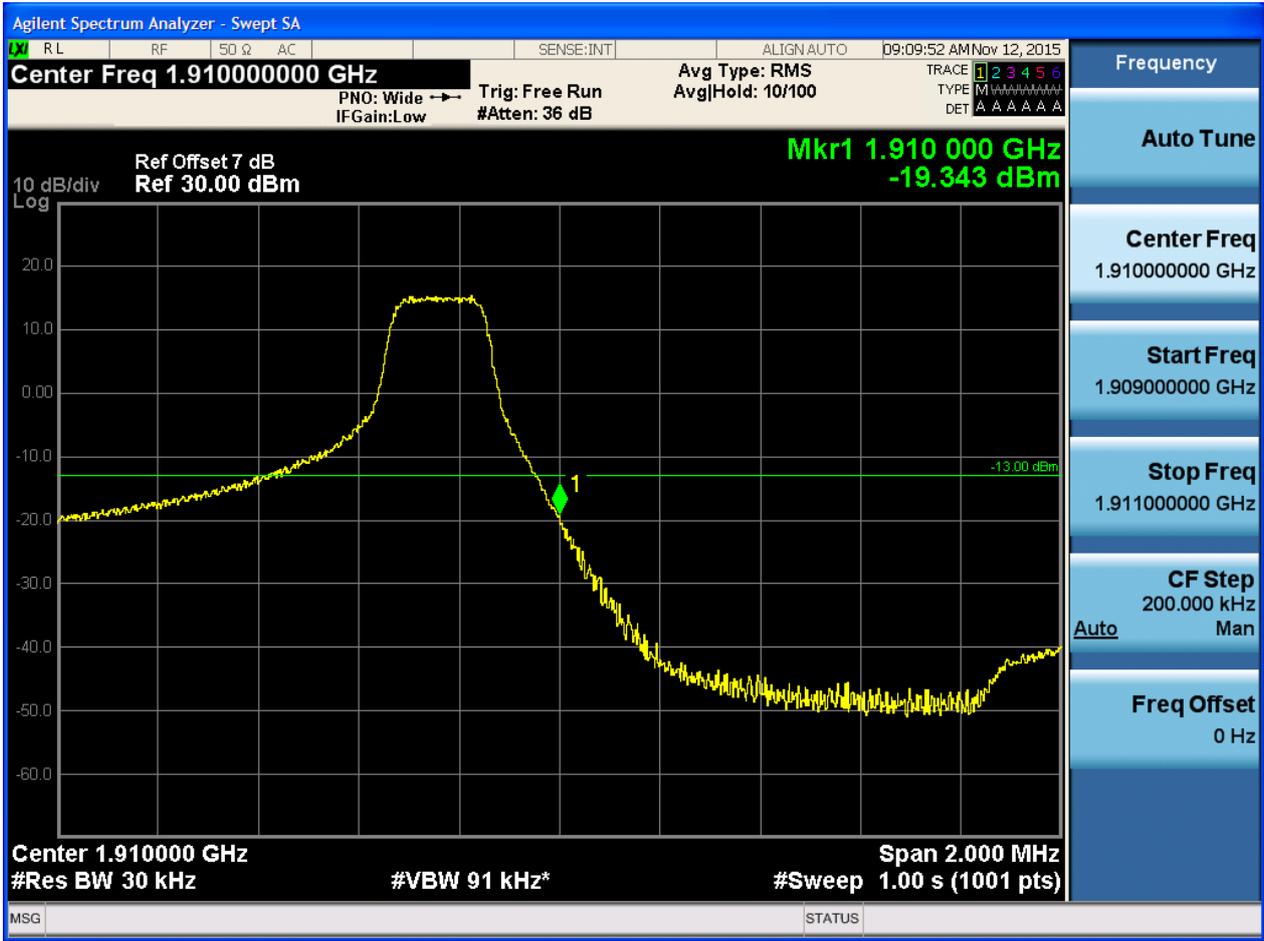
5.1.1.1.2.2 Test Channel = HCH

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

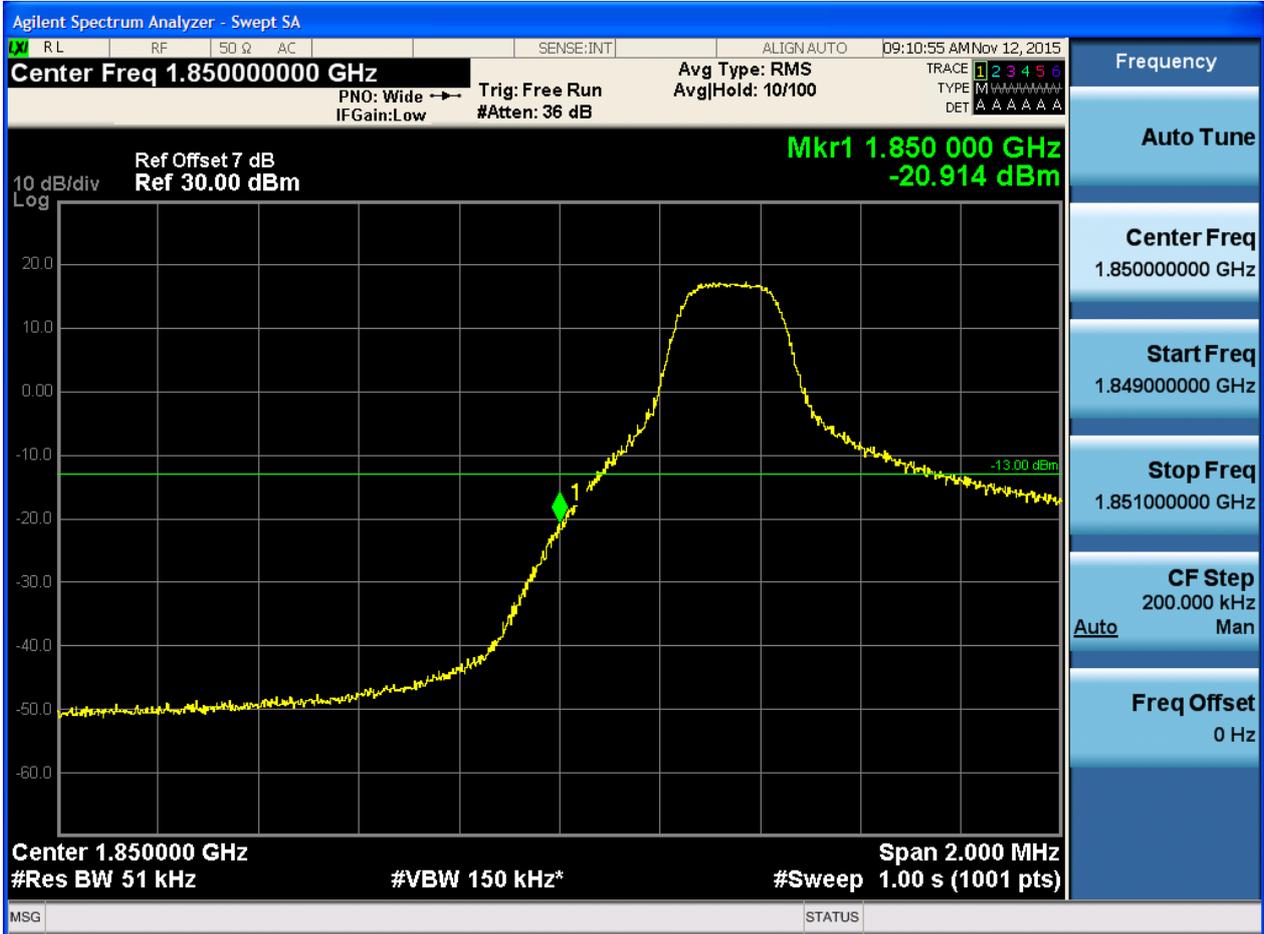




5.1.1.1.3 Test Bandwidth = 5

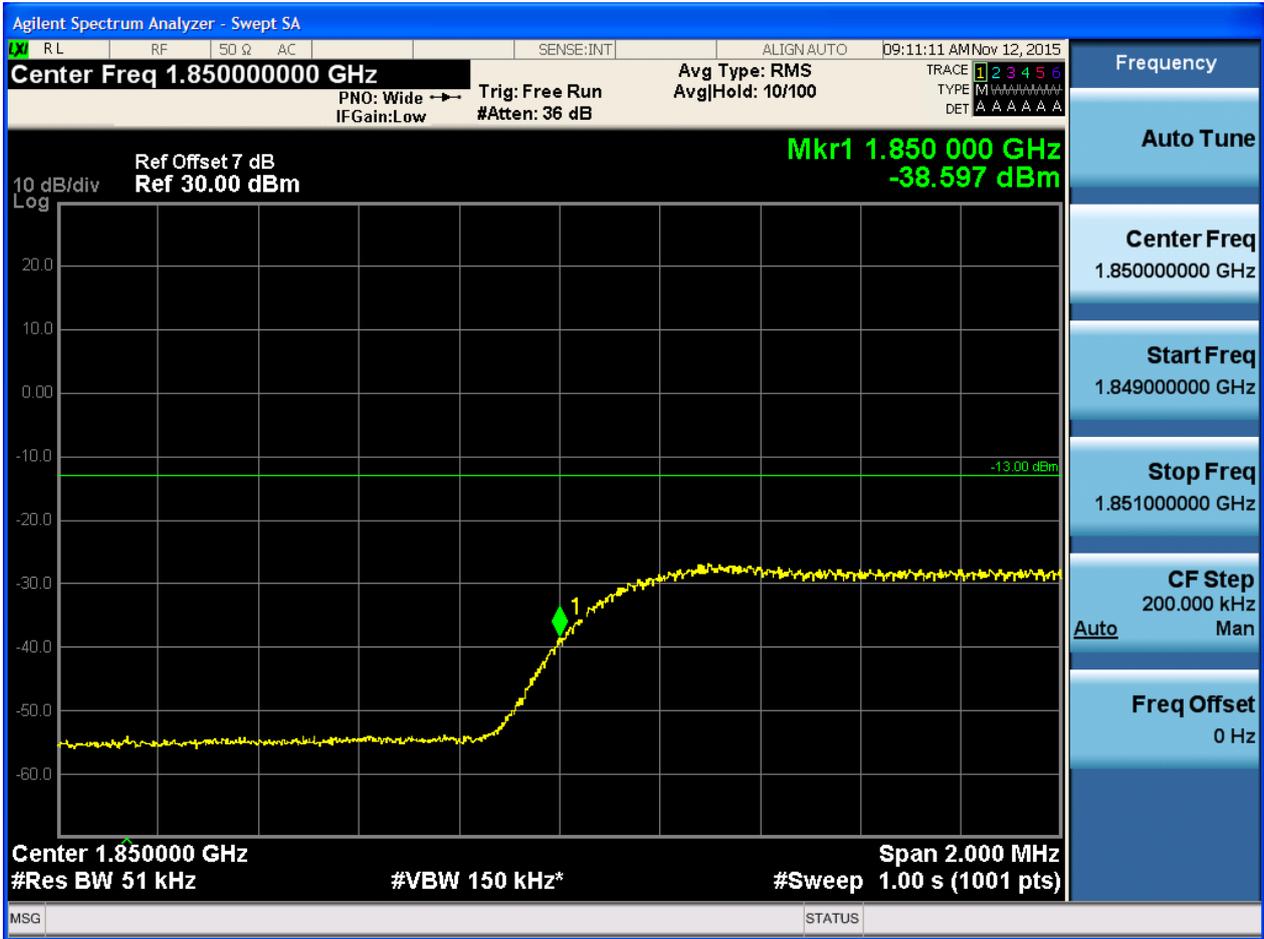
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



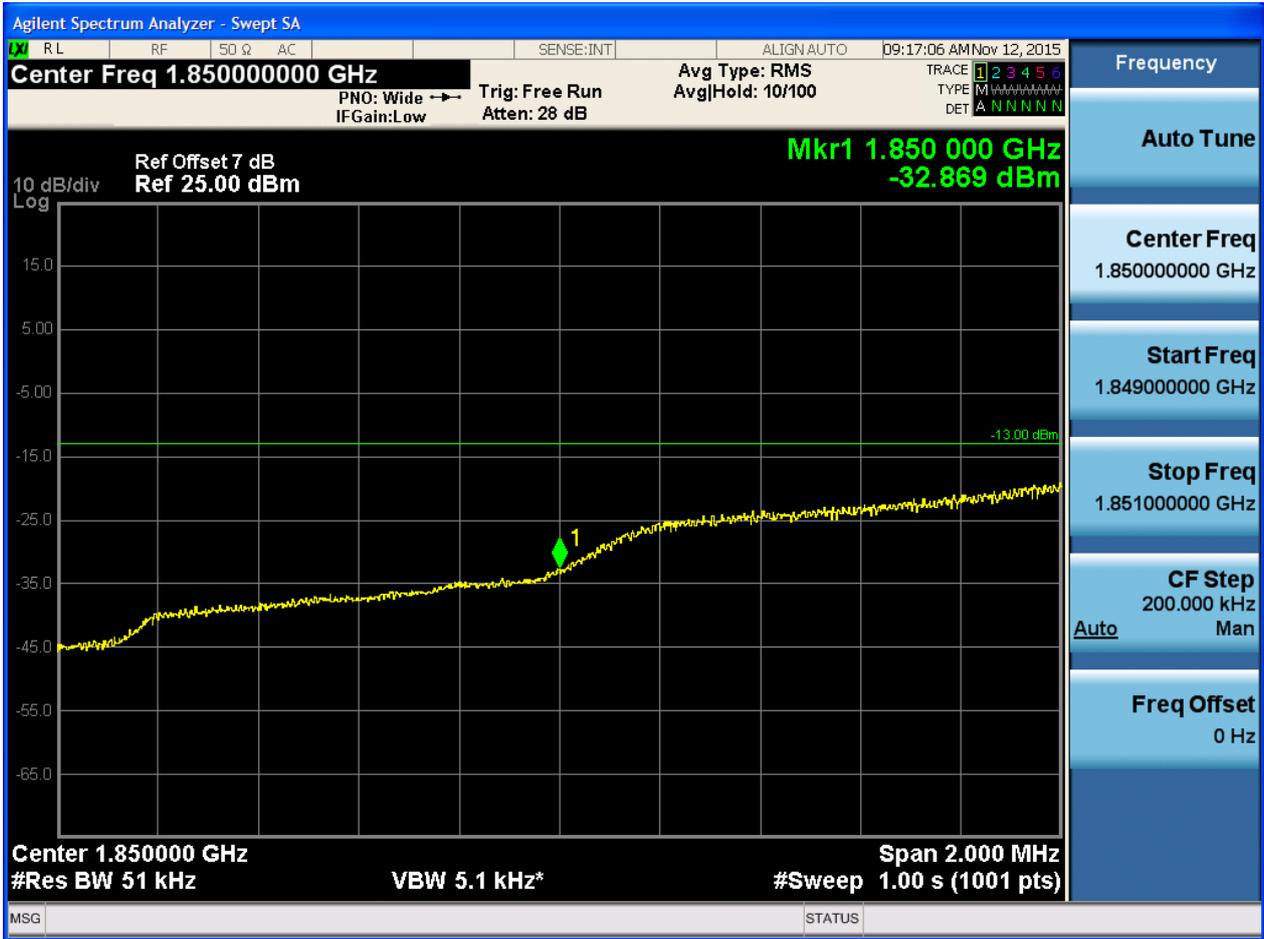


5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





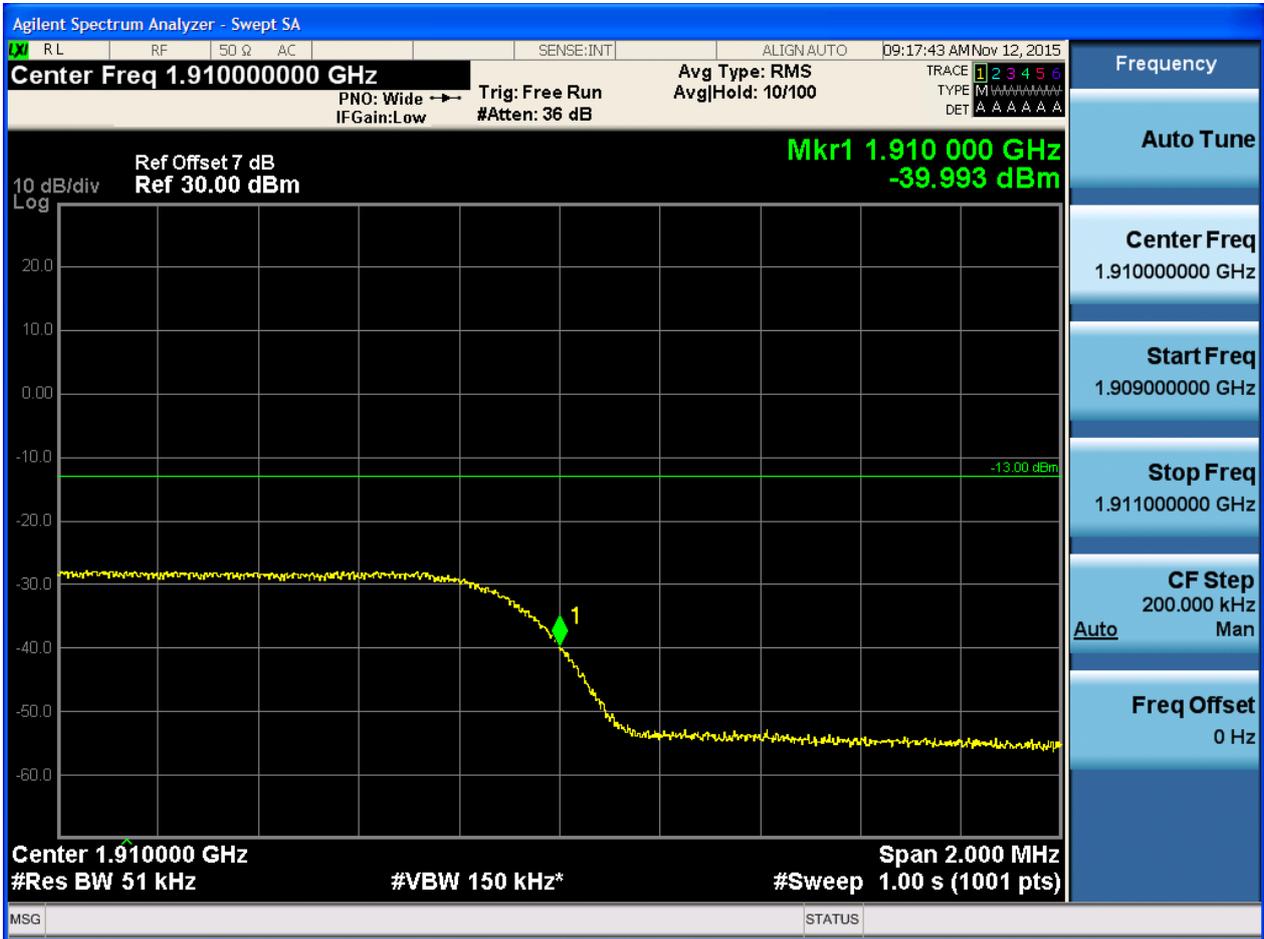
5.1.1.1.3.1.4 Test RB = RB25#0





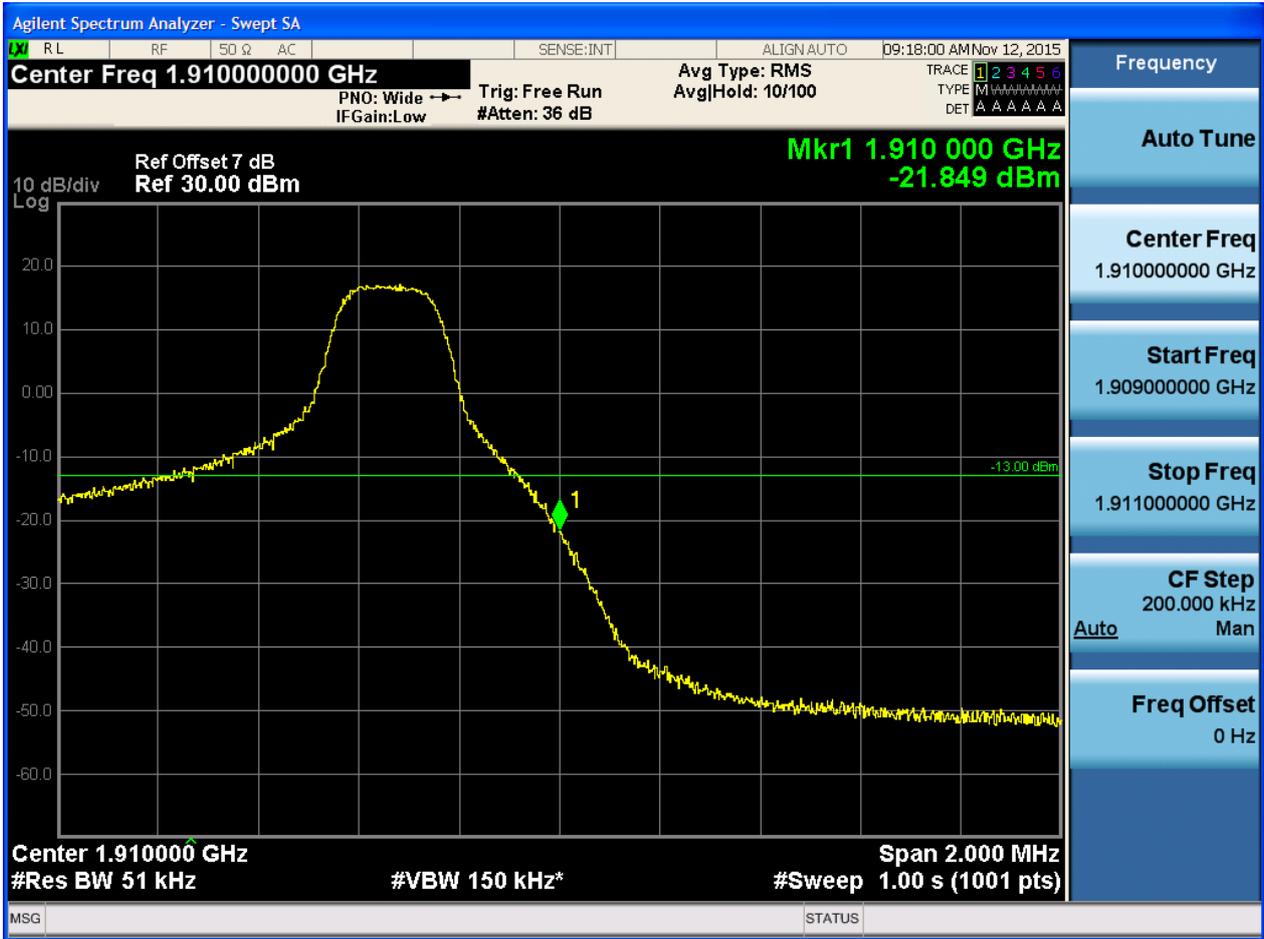
5.1.1.1.3.2 Test Channel = HCH

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

