



# 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	21.82	18.82	33	PASS
				RB1#3	22.02	19.02	33	PASS
				RB1#5	21.93	18.93	33	PASS
				RB3#0	21.81	18.81	33	PASS
				RB3#2	21.92	18.92	33	PASS
				RB3#3	21.89	18.89	33	PASS
				RB6#0	20.85	17.85	33	PASS
			MCH	RB1#0	22.03	19.03	33	PASS
				RB1#3	22.1	19.1	33	PASS
				RB1#5	22.07	19.07	33	PASS
				RB3#0	22.03	19.03	33	PASS
				RB3#2	22.04	19.04	33	PASS
				RB3#3	21.98	18.98	33	PASS
				RB6#0	21	18	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.28	19.28	33	PASS
				RB1#3	22.62	19.62	33	PASS
				RB1#5	22.43	19.43	33	PASS
				RB3#0	22.56	19.56	33	PASS
				RB3#2	22.56	19.56	33	PASS
				RB3#3	22.49	19.49	33	PASS
				RB6#0	21.56	18.56	33	PASS
		3	LCH	RB1#0	21.47	18.47	33	PASS
				RB1#7	22.23	19.23	33	PASS
				RB1#14	21.86	18.86	33	PASS
				RB8#0	20.87	17.87	33	PASS
				RB8#4	21.12	18.12	33	PASS
				RB8#7	21.03	18.03	33	PASS
				RB15#0	20.99	17.99	33	PASS
				MCH	RB1#0	21.57	18.57	33
RB1#7	22.02	19.02	33		PASS			
RB1#14	21.74	18.74	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB8#0	20.85	17.85	33	PASS	
				RB8#4	20.92	17.92	33	PASS	
				RB8#7	20.94	17.94	33	PASS	
				RB15#0	20.81	17.81	33	PASS	
			HCH	RB1#0	21.97	18.97	33	PASS	
				RB1#7	22.5	19.5	33	PASS	
				RB1#14	22.27	19.27	33	PASS	
				RB8#0	21.23	18.23	33	PASS	
				RB8#4	21.39	18.39	33	PASS	
				RB8#7	21.53	18.53	33	PASS	
				RB15#0	21.31	18.31	33	PASS	
				5	LCH	RB1#0	21.48	18.48	33
			RB1#13			22.22	19.22	33	PASS
			RB1#24			21.56	18.56	33	PASS
		RB12#0	20.89			17.89	33	PASS	
		RB12#6	21.12			18.12	33	PASS	
		RB12#13	20.82			17.82	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#0	20.9	17.9	33	PASS
			MCH	RB1#0	21.56	18.56	33	PASS
				RB1#13	22.04	19.04	33	PASS
				RB1#24	21.31	18.31	33	PASS
				RB12#0	20.7	17.7	33	PASS
				RB12#6	20.92	17.92	33	PASS
				RB12#13	20.65	17.65	33	PASS
				RB25#0	20.66	17.66	33	PASS
				HCH	RB1#0	21.98	18.98	33
			RB1#13		22.53	19.53	33	PASS
			RB1#24		21.85	18.85	33	PASS
			RB12#0		21.22	18.22	33	PASS
			RB12#6		21.38	18.38	33	PASS
			RB12#13		21.2	18.2	33	PASS
			RB25#0		21.38	18.38	33	PASS
		10	LCH		RB1#0	21.63	18.63	33
				RB1#25	22.24	19.24	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#49	21.85	18.85	33	PASS
				RB25#0	20.66	17.66	33	PASS
				RB25#13	20.83	17.83	33	PASS
				RB25#25	20.65	17.65	33	PASS
				RB50#0	20.65	17.65	33	PASS
			MCH	RB1#0	21.96	18.96	33	PASS
				RB1#25	22.06	19.06	33	PASS
				RB1#49	21.49	18.49	33	PASS
				RB25#0	20.75	17.75	33	PASS
				RB25#13	20.67	17.67	33	PASS
				RB25#25	20.46	17.46	33	PASS
				RB50#0	20.66	17.66	33	PASS
				HCH	RB1#0	22.42	19.42	33
			RB1#25		22.68	19.68	33	PASS
			RB1#49		22.1	19.1	33	PASS
			RB25#0		21.19	18.19	33	PASS
			RB25#13		21.31	18.31	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#25	21.23	18.23	33	PASS
				RB50#0	21.25	18.25	33	PASS
		15	LCH	RB1#0	22.04	19.04	33	PASS
				RB1#38	22.16	19.16	33	PASS
				RB1#74	22.27	19.27	33	PASS
				RB38#0	21.1	18.1	33	PASS
				RB38#19	21.02	18.02	33	PASS
				RB38#39	20.98	17.98	33	PASS
				RB75#0	21.06	18.06	33	PASS
			MCH	RB1#0	22.35	19.35	33	PASS
				RB1#38	22	19	33	PASS
				RB1#74	21.47	18.47	33	PASS
				RB38#0	21.17	18.17	33	PASS
				RB38#19	20.94	17.94	33	PASS
				RB38#39	20.63	17.63	33	PASS
				RB75#0	20.79	17.79	33	PASS
		HCH	RB1#0	22.82	19.82	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB1#38	22.72	19.72	33	PASS	
				RB1#74	22.17	19.17	33	PASS	
				RB38#0	21.71	18.71	33	PASS	
				RB38#19	21.42	18.42	33	PASS	
				RB38#39	21.37	18.37	33	PASS	
				RB75#0	21.35	18.35	33	PASS	
		20	LCH	RB1#0	22.38	19.38	33	PASS	
				RB1#50	22.37	19.37	33	PASS	
				RB1#99	22.88	19.88	33	PASS	
				RB50#0	21.18	18.18	33	PASS	
				RB50#25	20.96	17.96	33	PASS	
				RB50#50	21.6	18.6	33	PASS	
				RB100#0	21.54	18.54	33	PASS	
				MCH	RB1#0	22.94	19.94	33	PASS
					RB1#50	21.97	18.97	33	PASS
					RB1#99	22.1	19.1	33	PASS
RB50#0	21.28	18.28	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#25	20.93	17.93	33	PASS
				RB50#50	20.94	17.94	33	PASS
				RB100#0	21.09	18.09	33	PASS
			HCH	RB1#0	22.61	19.61	33	PASS
				RB1#50	22.87	19.87	33	PASS
				RB1#99	22.34	19.34	33	PASS
				RB50#0	21.6	18.6	33	PASS
				RB50#25	21.43	18.43	33	PASS
				RB50#50	21.6	18.6	33	PASS
				RB100#0	21.66	18.66	33	PASS
				LCH	RB1#0	20.86	17.86	33
			RB1#3		21.38	18.38	33	PASS
			RB1#5		21.32	18.32	33	PASS
			RB3#0		20.87	17.87	33	PASS
			RB3#2		21	18	33	PASS
RB3#3	21.09	18.09	33		PASS			
RB6#0	19.96	16.96	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	20.87	17.87	33	PASS
				RB1#3	20.98	17.98	33	PASS
				RB1#5	20.93	17.93	33	PASS
				RB3#0	20.82	17.82	33	PASS
				RB3#2	20.88	17.88	33	PASS
				RB3#3	20.77	17.77	33	PASS
				RB6#0	19.8	16.8	33	PASS
			HCH	RB1#0	21.27	18.27	33	PASS
				RB1#3	21.57	18.57	33	PASS
				RB1#5	21.44	18.44	33	PASS
				RB3#0	21.46	18.46	33	PASS
				RB3#2	21.36	18.36	33	PASS
				RB3#3	21.3	18.3	33	PASS
				RB6#0	20.32	17.32	33	PASS
		3	LCH	RB1#0	20.4	17.4	33	PASS
RB1#7	21.03			18.03	33	PASS		
RB1#14	20.71			17.71	33	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB8#0	19.73	16.73	33	PASS
				RB8#4	19.98	16.98	33	PASS
				RB8#7	19.91	16.91	33	PASS
				RB15#0	19.85	16.85	33	PASS
			MCH	RB1#0	20.27	17.27	33	PASS
				RB1#7	20.9	17.9	33	PASS
				RB1#14	20.56	17.56	33	PASS
				RB8#0	19.74	16.74	33	PASS
				RB8#4	19.68	16.68	33	PASS
				RB8#7	19.71	16.71	33	PASS
				RB15#0	19.54	16.54	33	PASS
				HCH	RB1#0	20.65	17.65	33
			RB1#7		21.3	18.3	33	PASS
			RB1#14		21.16	18.16	33	PASS
			RB8#0		20.02	17.02	33	PASS
			RB8#4		20.19	17.19	33	PASS
			RB8#7		20.27	17.27	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB15#0	20.03	17.03	33	PASS
		5	LCH	RB1#0	20.52	17.52	33	PASS
				RB1#13	21.22	18.22	33	PASS
				RB1#24	20.6	17.6	33	PASS
				RB12#0	19.72	16.72	33	PASS
				RB12#6	19.95	16.95	33	PASS
				RB12#13	19.68	16.68	33	PASS
				RB25#0	19.76	16.76	33	PASS
				MCH	RB1#0	20.41	17.41	33
			RB1#13		20.9	17.9	33	PASS
			RB1#24		20.17	17.17	33	PASS
			RB12#0		19.44	16.44	33	PASS
			RB12#6		19.69	16.69	33	PASS
			RB12#13		19.43	16.43	33	PASS
			RB25#0		19.43	16.43	33	PASS
			HCH	RB1#0	20.9	17.9	33	PASS
		RB1#13		21.44	18.44	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB1#24	20.75	17.75	33	PASS	
				RB12#0	19.93	16.93	33	PASS	
				RB12#6	20.1	17.1	33	PASS	
				RB12#13	19.92	16.92	33	PASS	
				RB25#0	20.14	17.14	33	PASS	
		10	LCH	RB1#0	20.66	17.66	33	PASS	
				RB1#25	21.24	18.24	33	PASS	
				RB1#49	20.89	17.89	33	PASS	
				RB25#0	19.56	16.56	33	PASS	
				RB25#13	19.72	16.72	33	PASS	
				RB25#25	19.55	16.55	33	PASS	
				RB50#0	19.52	16.52	33	PASS	
				MCH	RB1#0	20.88	17.88	33	PASS
					RB1#25	21.02	18.02	33	PASS
					RB1#49	20.51	17.51	33	PASS
RB25#0	19.61	16.61	33		PASS				
RB25#13	19.46	16.46	33		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#25	19.29	16.29	33	PASS
				RB50#0	19.48	16.48	33	PASS
			HCH	RB1#0	21.41	18.41	33	PASS
				RB1#25	21.59	18.59	33	PASS
				RB1#49	21.08	18.08	33	PASS
				RB25#0	20.02	17.02	33	PASS
				RB25#13	20.12	17.12	33	PASS
				RB25#25	20.04	17.04	33	PASS
				RB50#0	20.08	17.08	33	PASS
				LCH	RB1#0	21.15	18.15	33
		RB1#38	21.29		18.29	33	PASS	
		RB1#74	21.38		18.38	33	PASS	
		RB38#0	20		17	33	PASS	
		RB38#19	19.9		16.9	33	PASS	
		RB38#39	19.84		16.84	33	PASS	
RB75#0	19.93	16.93	33		PASS			
MCH	RB1#0	21.46	18.46	33	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#38	21.04	18.04	33	PASS
				RB1#74	20.83	17.83	33	PASS
				RB38#0	20	17	33	PASS
				RB38#19	19.77	16.77	33	PASS
				RB38#39	19.5	16.5	33	PASS
				RB75#0	19.65	16.65	33	PASS
			HCH	RB1#0	22.09	19.09	33	PASS
				RB1#38	22.02	19.02	33	PASS
				RB1#74	21.41	18.41	33	PASS
				RB38#0	20.74	17.74	33	PASS
				RB38#19	20.39	17.39	33	PASS
				RB38#39	20.23	17.23	33	PASS
		20	LCH	RB1#0	21.38	18.38	33	PASS
				RB1#50	21.36	18.36	33	PASS
				RB1#99	21.88	18.88	33	PASS
				RB50#0	20.01	17.01	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#25	19.75	16.75	33	PASS
				RB50#50	20.37	17.37	33	PASS
				RB100#0	20.36	17.36	33	PASS
			MCH	RB1#0	22.03	19.03	33	PASS
				RB1#50	21.1	18.1	33	PASS
				RB1#99	21.51	18.51	33	PASS
				RB50#0	20.17	17.17	33	PASS
				RB50#25	19.75	16.75	33	PASS
				RB50#50	19.95	16.95	33	PASS
				RB100#0	19.96	16.96	33	PASS
				HCH	RB1#0	21.98	18.98	33
			RB1#50		22.1	19.1	33	PASS
			RB1#99		21.58	18.58	33	PASS
			RB50#0		20.6	17.6	33	PASS
			RB50#25		20.42	17.42	33	PASS
			RB50#50		20.56	17.56	33	PASS
			RB100#0		20.68	17.68	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: RBW > emission bandwidth, VBW > 3 x RBW .

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	4.86	13	PASS
				RB1#3	4.78	13	PASS
				RB1#5	4.59	13	PASS
				RB3#0	5.11	13	PASS
				RB3#2	5	13	PASS
				RB3#3	5.08	13	PASS
			RB6#0	6.16	13	PASS	
			MCH	RB1#0	5.13	13	PASS
				RB1#3	5.07	13	PASS
				RB1#5	5.1	13	PASS
				RB3#0	5.63	13	PASS
				RB3#2	5.6	13	PASS
				RB3#3	5.58	13	PASS
			HCH	RB6#0	6.35	13	PASS
				RB1#0	4.96	13	PASS
				RB1#3	4.74	13	PASS
				RB1#5	4.43	13	PASS
				RB3#0	5.02	13	PASS
		RB3#2		4.84	13	PASS	
		3	LCH	RB3#3	4.93	13	PASS
				RB6#0	5.82	13	PASS
				RB1#0	4.77	13	PASS
				RB1#7	4.51	13	PASS
				RB1#14	4.81	13	PASS
				RB8#0	5.91	13	PASS
			MCH	RB8#4	5.89	13	PASS
				RB8#7	5.86	13	PASS
RB15#0	5.97			13	PASS		
RB1#0	5.27			13	PASS		
RB1#7	4.77			13	PASS		
RB1#14	4.99			13	PASS		
RB8#0	6.27	13	PASS				
RB8#4	6.05	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.17	13	PASS
				RB15#0	5.98	13	PASS
			HCH	RB1#0	4.84	13	PASS
				RB1#7	4.46	13	PASS
				RB1#14	4.49	13	PASS
				RB8#0	5.91	13	PASS
				RB8#4	5.55	13	PASS
				RB8#7	5.53	13	PASS
		RB15#0	6.22	13	PASS		
		5	LCH	RB1#0	5.13	13	PASS
				RB1#13	5.08	13	PASS
				RB1#24	5.48	13	PASS
				RB12#0	6.3	13	PASS
				RB12#6	6.29	13	PASS
				RB12#13	6.53	13	PASS
			RB25#0	6.02	13	PASS	
			MCH	RB1#0	5.14	13	PASS
				RB1#13	4.97	13	PASS
				RB1#24	5.13	13	PASS
				RB12#0	6.6	13	PASS
				RB12#6	6.5	13	PASS
				RB12#13	6.61	13	PASS
			RB25#0	6.26	13	PASS	
		HCH	RB1#0	5.2	13	PASS	
			RB1#13	4.74	13	PASS	
			RB1#24	5.02	13	PASS	
			RB12#0	6.19	13	PASS	
			RB12#6	6.08	13	PASS	
			RB12#13	6.13	13	PASS	
		RB25#0	5.92	13	PASS		
		10	LCH	RB1#0	4.92	13	PASS
				RB1#25	5	13	PASS
RB1#49	5.12			13	PASS		
RB25#0	6.5			13	PASS		
RB25#13	6.39			13	PASS		
RB25#25	6.65			13	PASS		
RB50#0	6.55		13	PASS			
MCH	RB1#0		4.86	13	PASS		
RB1#25	4.84	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.06	13	PASS
				RB25#0	6.59	13	PASS
				RB25#13	6.44	13	PASS
				RB25#25	6.58	13	PASS
				RB50#0	6.49	13	PASS
			HCH	RB1#0	4.81	13	PASS
				RB1#25	4.59	13	PASS
				RB1#49	4.64	13	PASS
				RB25#0	6.52	13	PASS
				RB25#13	6.29	13	PASS
				RB25#25	6.35	13	PASS
				RB50#0	6.28	13	PASS
			LCH	RB1#0	4.59	13	PASS
				RB1#38	4.84	13	PASS
				RB1#74	4.8	13	PASS
		RB38#0		6.56	13	PASS	
		RB38#19		6.54	13	PASS	
		RB38#39		6.62	13	PASS	
		RB75#0		6.51	13	PASS	
		MCH		RB1#0	4.76	13	PASS
				RB1#38	4.85	13	PASS
				RB1#74	5.04	13	PASS
				RB38#0	6.61	13	PASS
				RB38#19	6.57	13	PASS
			RB38#39	6.77	13	PASS	
		HCH	RB1#0	4.87	13	PASS	
			RB1#38	4.64	13	PASS	
			RB1#74	4.6	13	PASS	
			RB38#0	6.35	13	PASS	
			RB38#19	6.33	13	PASS	
			RB38#39	6.29	13	PASS	
		LCH	RB75#0	6.34	13	PASS	
			RB1#0	4.54	13	PASS	
RB1#50	4.92		13	PASS			
RB1#99	4.64		13	PASS			
RB50#0	6.42		13	PASS			
RB50#25	6.48		13	PASS			
RB50#50	6.23	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB100#0	6.46	13	PASS	
			MCH	RB1#0	4.62	13	PASS	
				RB1#50	5.19	13	PASS	
				RB1#99	5.24	13	PASS	
				RB50#0	6.47	13	PASS	
				RB50#25	6.55	13	PASS	
				RB50#50	6.52	13	PASS	
				RB100#0	6.83	13	PASS	
			HCH	RB1#0	5.09	13	PASS	
				RB1#50	4.85	13	PASS	
				RB1#99	4.73	13	PASS	
				RB50#0	6.36	13	PASS	
				RB50#25	6.34	13	PASS	
				RB50#50	6.14	13	PASS	
	RB100#0	6.35		13	PASS			
	LTE/TM2	1.4		LCH	RB1#0	5.79	13	PASS
					RB1#3	5.75	13	PASS
					RB1#5	5.85	13	PASS
					RB3#0	6.05	13	PASS
					RB3#2	5.99	13	PASS
					RB3#3	6	13	PASS
					RB6#0	6.55	13	PASS
				MCH	RB1#0	6.37	13	PASS
					RB1#3	6.28	13	PASS
					RB1#5	6.27	13	PASS
					RB3#0	6.31	13	PASS
					RB3#2	6.53	13	PASS
					RB3#3	6.55	13	PASS
					RB6#0	6.82	13	PASS
		HCH	RB1#0	5.78	13	PASS		
			RB1#3	5.57	13	PASS		
			RB1#5	5.62	13	PASS		
			RB3#0	5.72	13	PASS		
RB3#2			5.61	13	PASS			
RB3#3	5.81		13	PASS				
RB6#0	6.45		13	PASS				
3	LCH	RB1#0	5.96	13	PASS			
		RB1#7	5.77	13	PASS			
		RB1#14	6.1	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.38	13	PASS
				RB8#4	6.36	13	PASS
				RB8#7	6.44	13	PASS
				RB15#0	6.7	13	PASS
			MCH	RB1#0	6.75	13	PASS
				RB1#7	5.91	13	PASS
				RB1#14	5.89	13	PASS
				RB8#0	6.64	13	PASS
				RB8#4	6.67	13	PASS
				RB8#7	6.67	13	PASS
			HCH	RB15#0	6.9	13	PASS
				RB1#0	6.3	13	PASS
				RB1#7	5.44	13	PASS
				RB1#14	5.87	13	PASS
				RB8#0	6.62	13	PASS
				RB8#4	6.44	13	PASS
		5	LCH	RB8#7	6.14	13	PASS
				RB15#0	6.67	13	PASS
				RB1#0	5.97	13	PASS
				RB1#13	5.84	13	PASS
				RB1#24	6.25	13	PASS
				RB12#0	6.82	13	PASS
			MCH	RB12#6	6.73	13	PASS
				RB12#13	7.06	13	PASS
				RB25#0	7.03	13	PASS
				RB1#0	6.26	13	PASS
				RB1#13	6.11	13	PASS
				RB1#24	6.28	13	PASS
			HCH	RB12#0	7.2	13	PASS
				RB12#6	7.2	13	PASS
				RB12#13	7.25	13	PASS
				RB25#0	7.36	13	PASS
RB1#0	6.06	13		PASS			
RB1#13	5.66	13		PASS			
RB1#24	5.95	13	PASS				
RB12#0	6.93	13	PASS				
RB12#6	6.74	13	PASS				
RB12#13	6.85	13	PASS				
RB25#0	6.67	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.64	13	PASS
				RB1#25	5.67	13	PASS
				RB1#49	5.94	13	PASS
				RB25#0	7.31	13	PASS
				RB25#13	7.22	13	PASS
				RB25#25	7.35	13	PASS
				RB50#0	7.33	13	PASS
			MCH	RB1#0	6.35	13	PASS
				RB1#25	6.14	13	PASS
				RB1#49	6.53	13	PASS
				RB25#0	7.37	13	PASS
				RB25#13	7.28	13	PASS
				RB25#25	7.45	13	PASS
				RB50#0	7.56	13	PASS
			HCH	RB1#0	5.94	13	PASS
				RB1#25	5.54	13	PASS
				RB1#49	5.67	13	PASS
				RB25#0	7.22	13	PASS
		RB25#13		6.94	13	PASS	
		RB25#25		7	13	PASS	
		15	LCH	RB1#0	5.61	13	PASS
				RB1#38	5.87	13	PASS
				RB1#74	5.69	13	PASS
				RB38#0	7.16	13	PASS
				RB38#19	7.15	13	PASS
				RB38#39	7.3	13	PASS
			MCH	RB75#0	7.41	13	PASS
				RB1#0	5.79	13	PASS
				RB1#38	6.05	13	PASS
				RB1#74	6.06	13	PASS
RB38#0	7.26			13	PASS		
RB38#19	7.34			13	PASS		
HCH	RB38#39	7.48	13	PASS			
	RB75#0	7.6	13	PASS			
	RB1#0	5.71	13	PASS			
	RB1#38	5.56	13	PASS			
				RB1#74	5.39	13	PASS
				RB38#0	6.98	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#19	7.07	13	PASS	
				RB38#39	6.94	13	PASS	
				RB75#0	7.24	13	PASS	
		20	LCH	RB1#0	5.6	13	PASS	
				RB1#50	5.19	13	PASS	
				RB1#99	5.25	13	PASS	
				RB50#0	7.06	13	PASS	
				RB50#25	7.13	13	PASS	
				RB50#50	6.83	13	PASS	
				RB100#0	7.05	13	PASS	
				MCH	RB1#0	5.14	13	PASS
					RB1#50	5.46	13	PASS
					RB1#99	5.47	13	PASS
					RB50#0	7.01	13	PASS
					RB50#25	7.22	13	PASS
					RB50#50	7.23	13	PASS
					RB100#0	7.5	13	PASS
				HCH	RB1#0	5.69	13	PASS
					RB1#50	5.23	13	PASS
					RB1#99	5.42	13	PASS
					RB50#0	7.02	13	PASS
RB50#25	7.01	13	PASS					
RB50#50	6.7	13	PASS					
RB100#0	7.16	13	PASS					

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

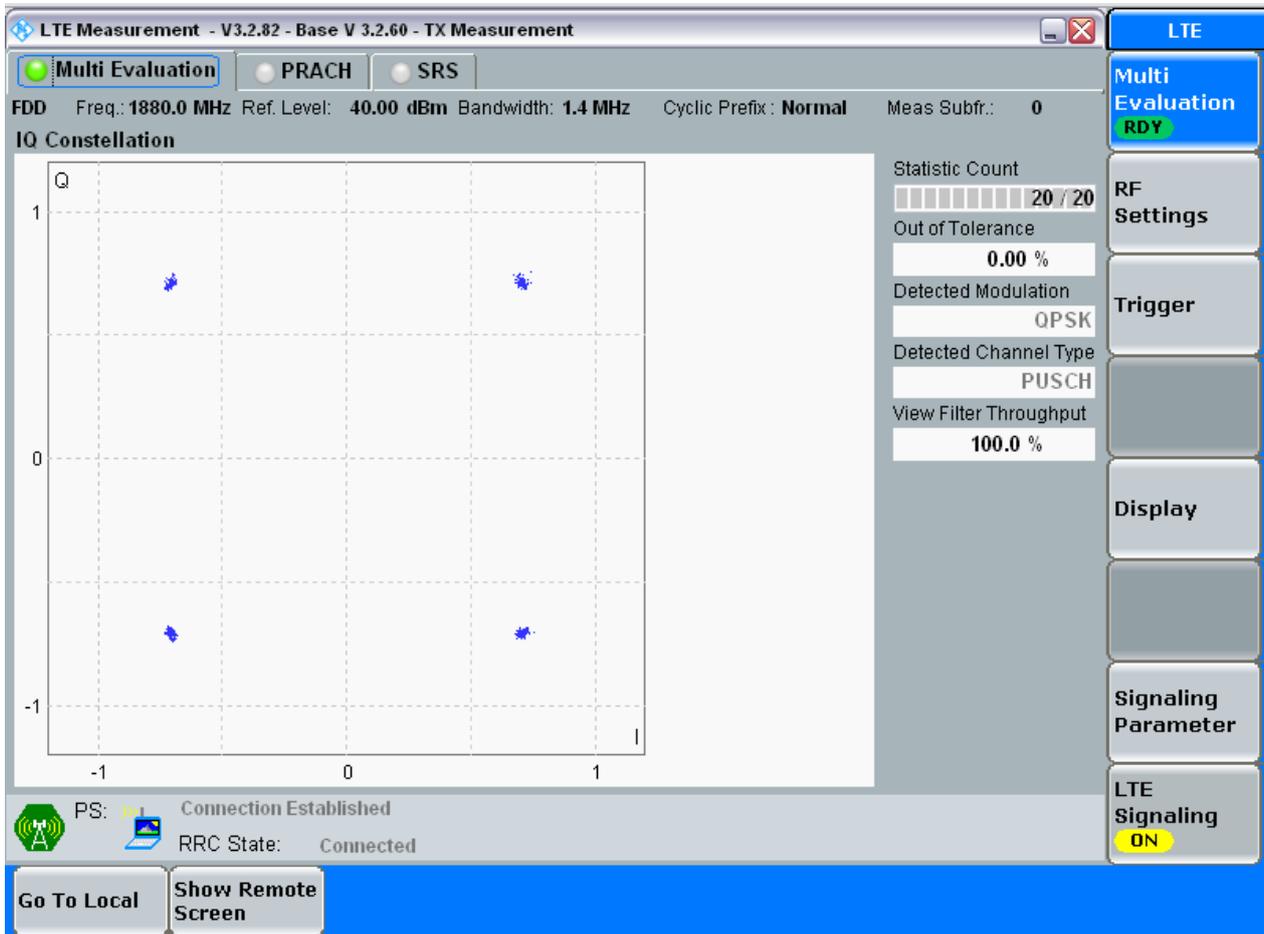
##### 3.1.1 Test Band = BAND2

##### 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

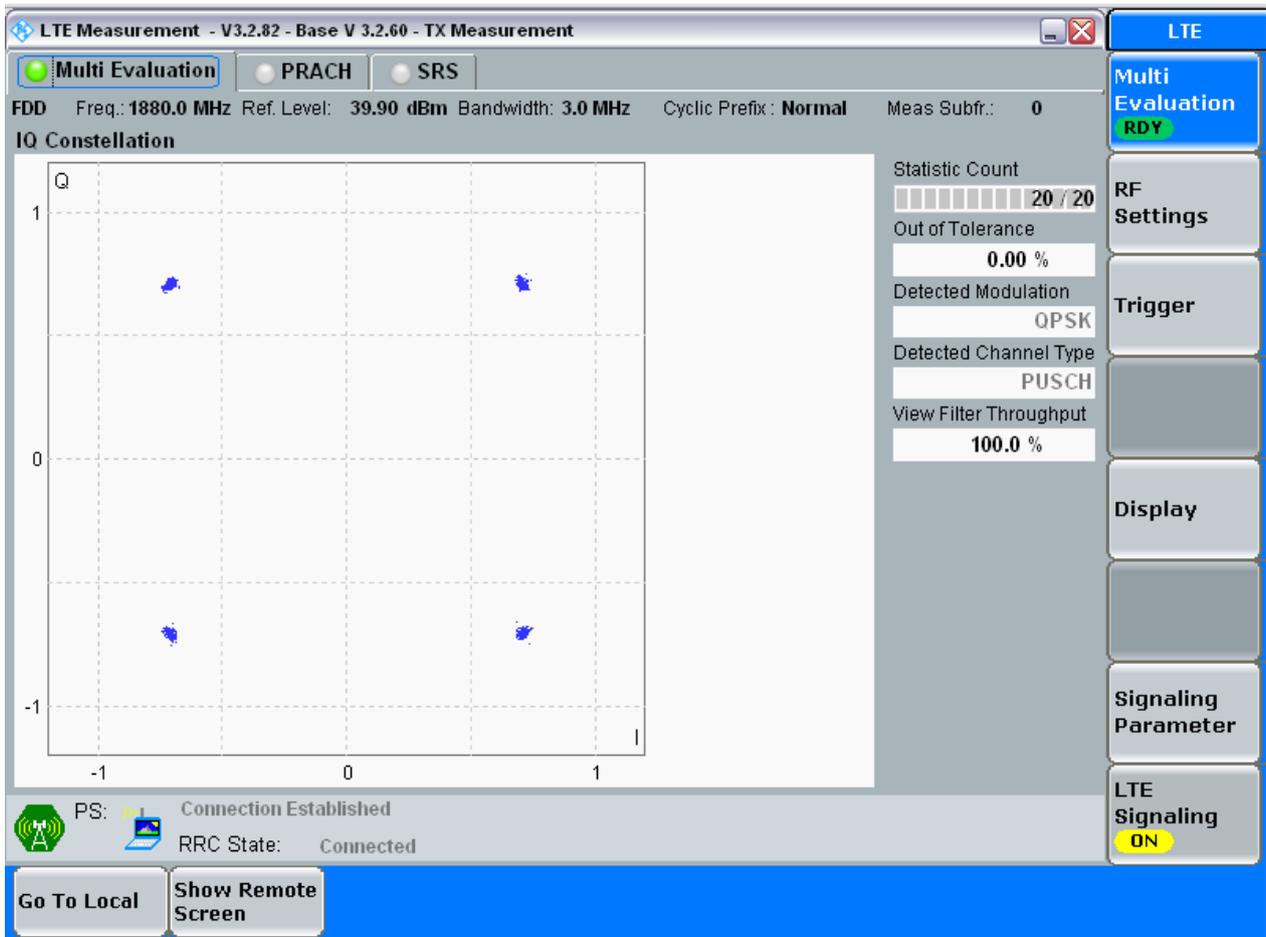
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

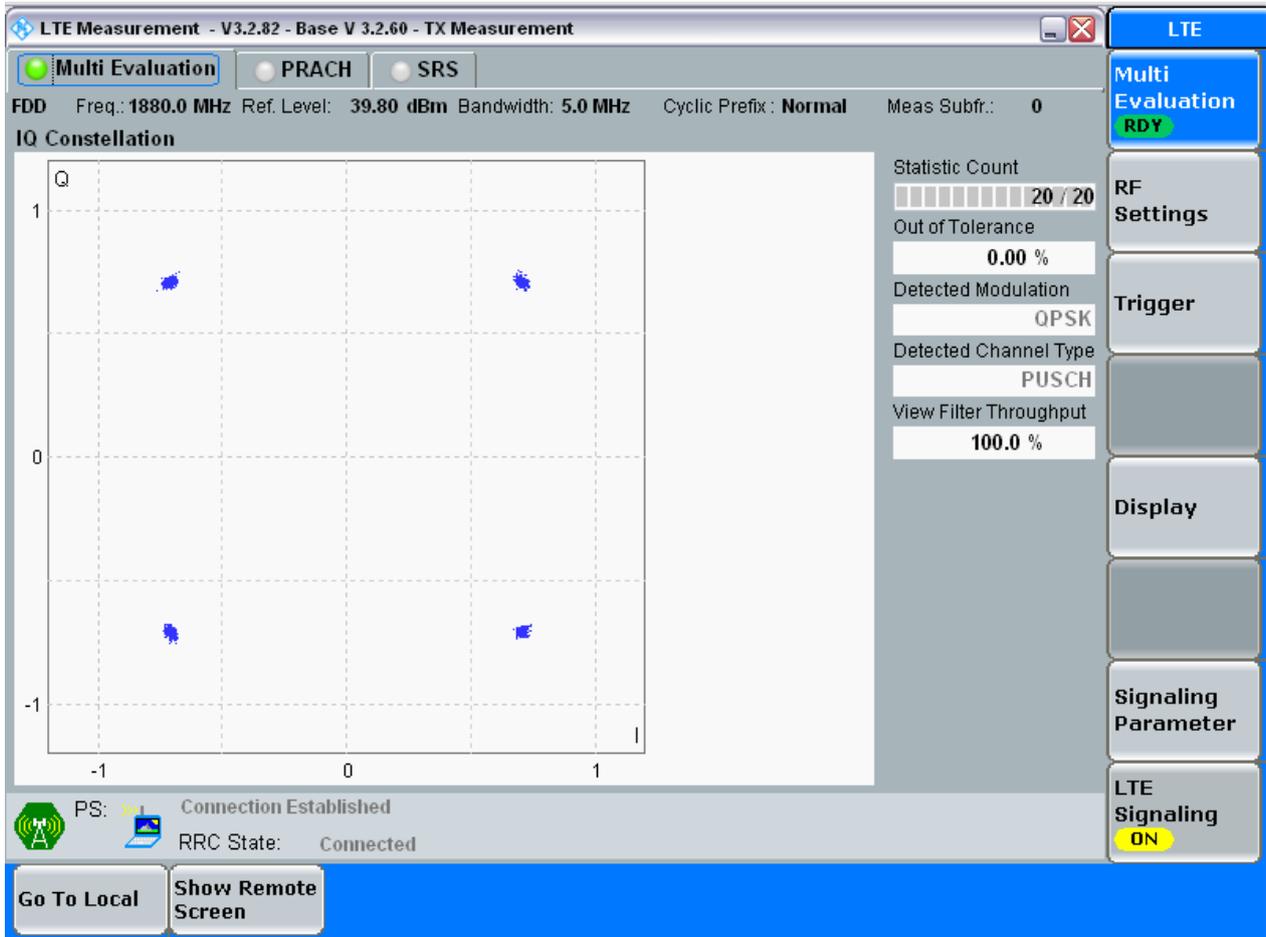
##### 3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

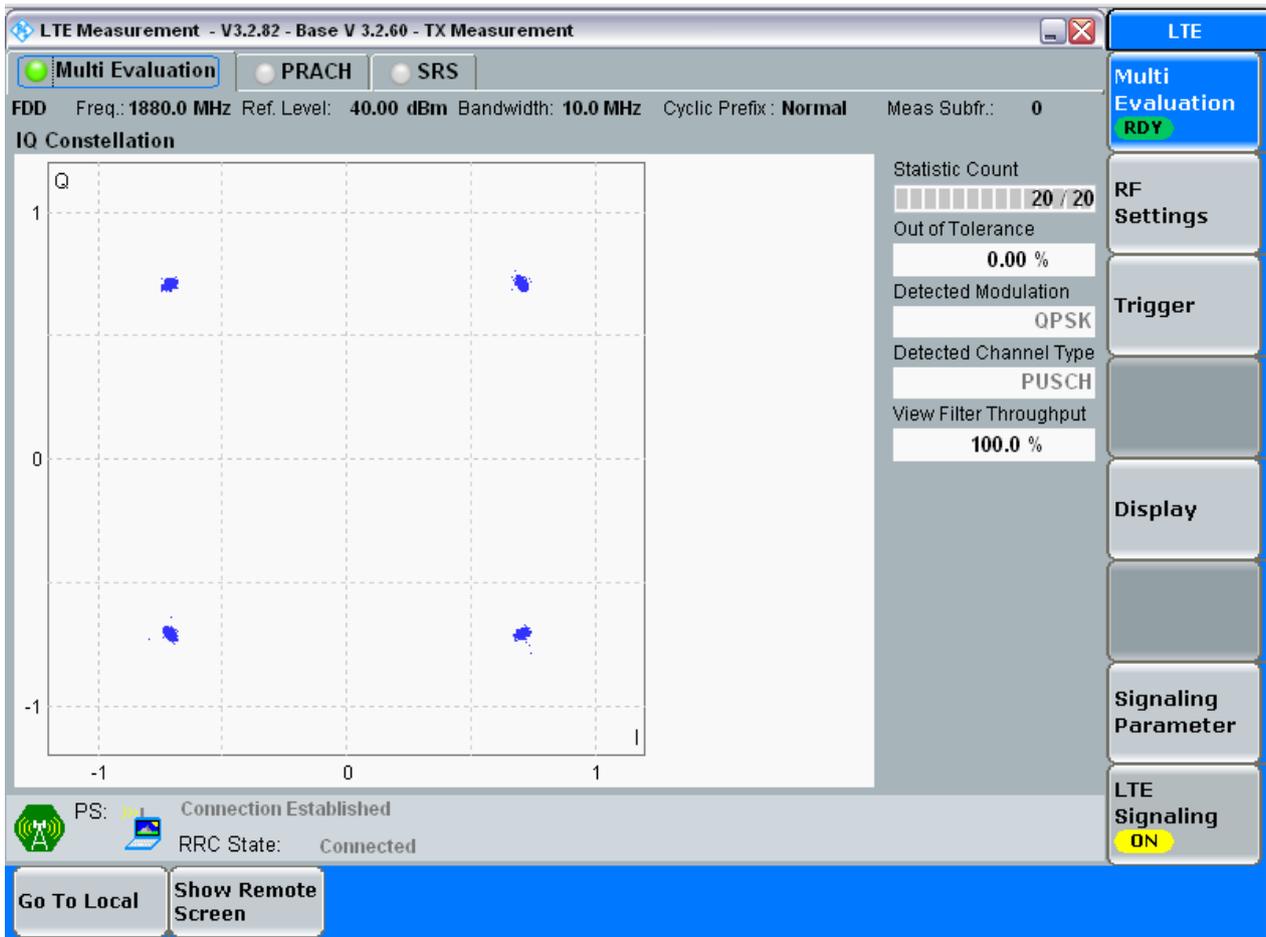
3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

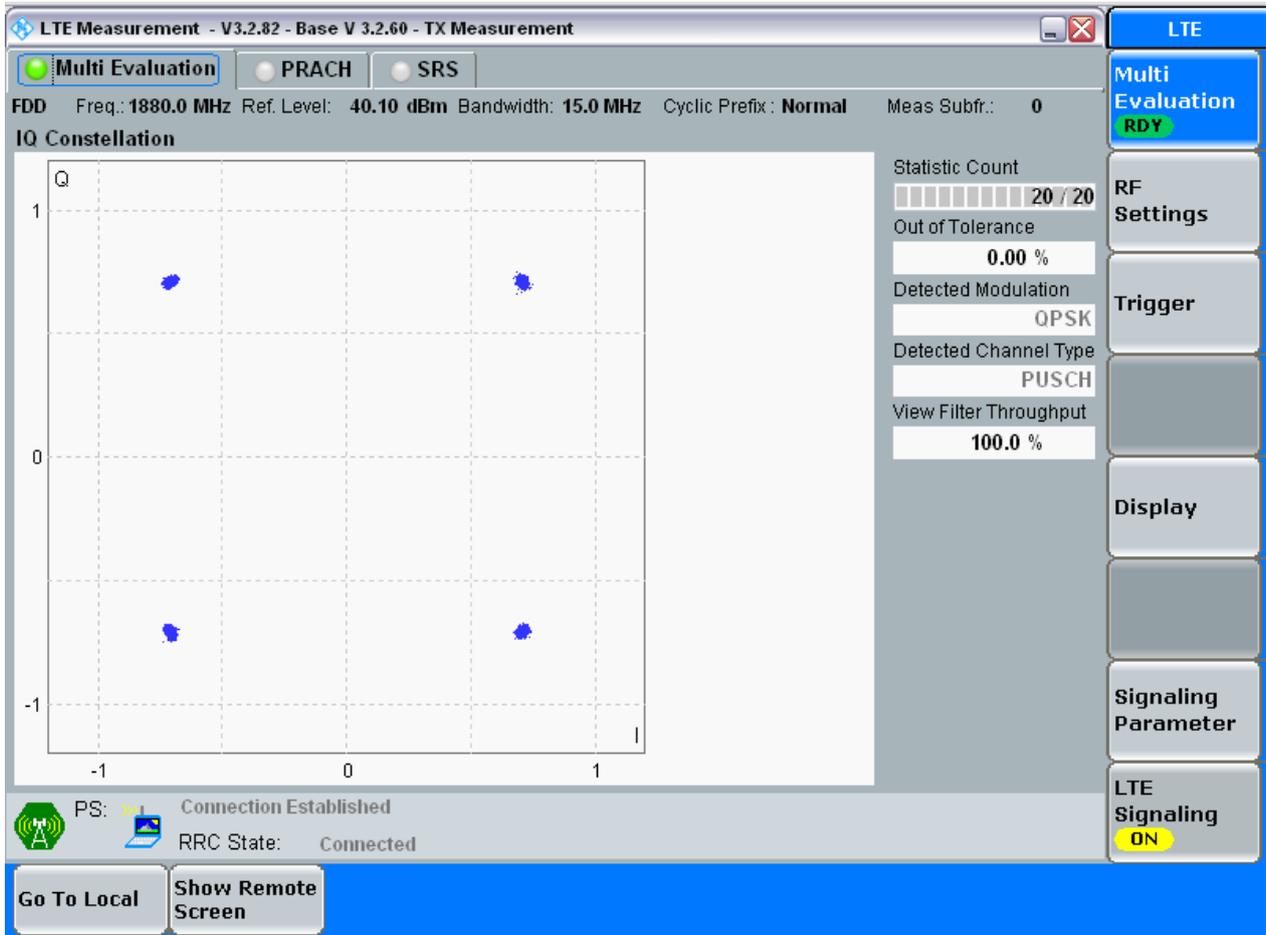
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

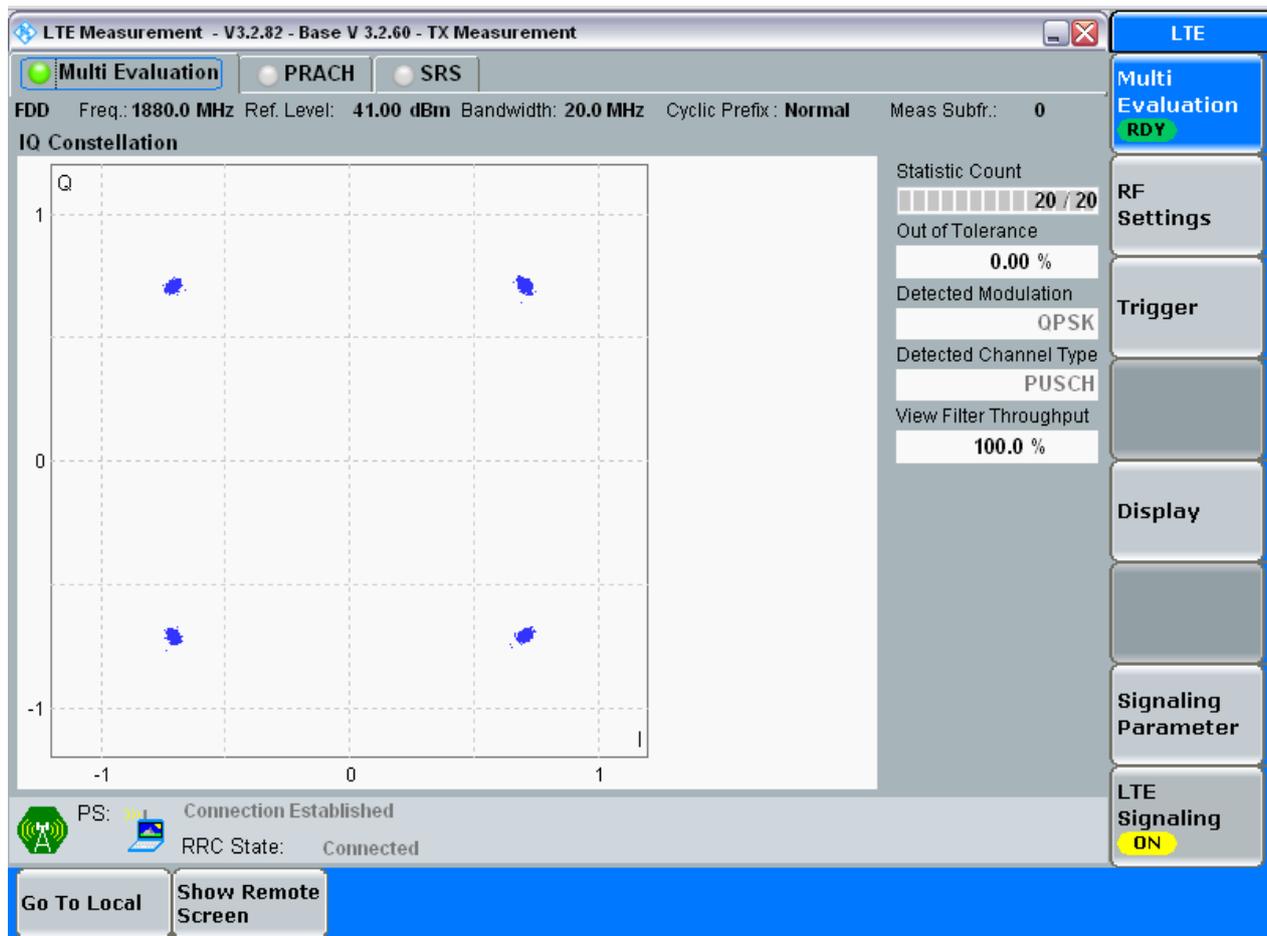
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

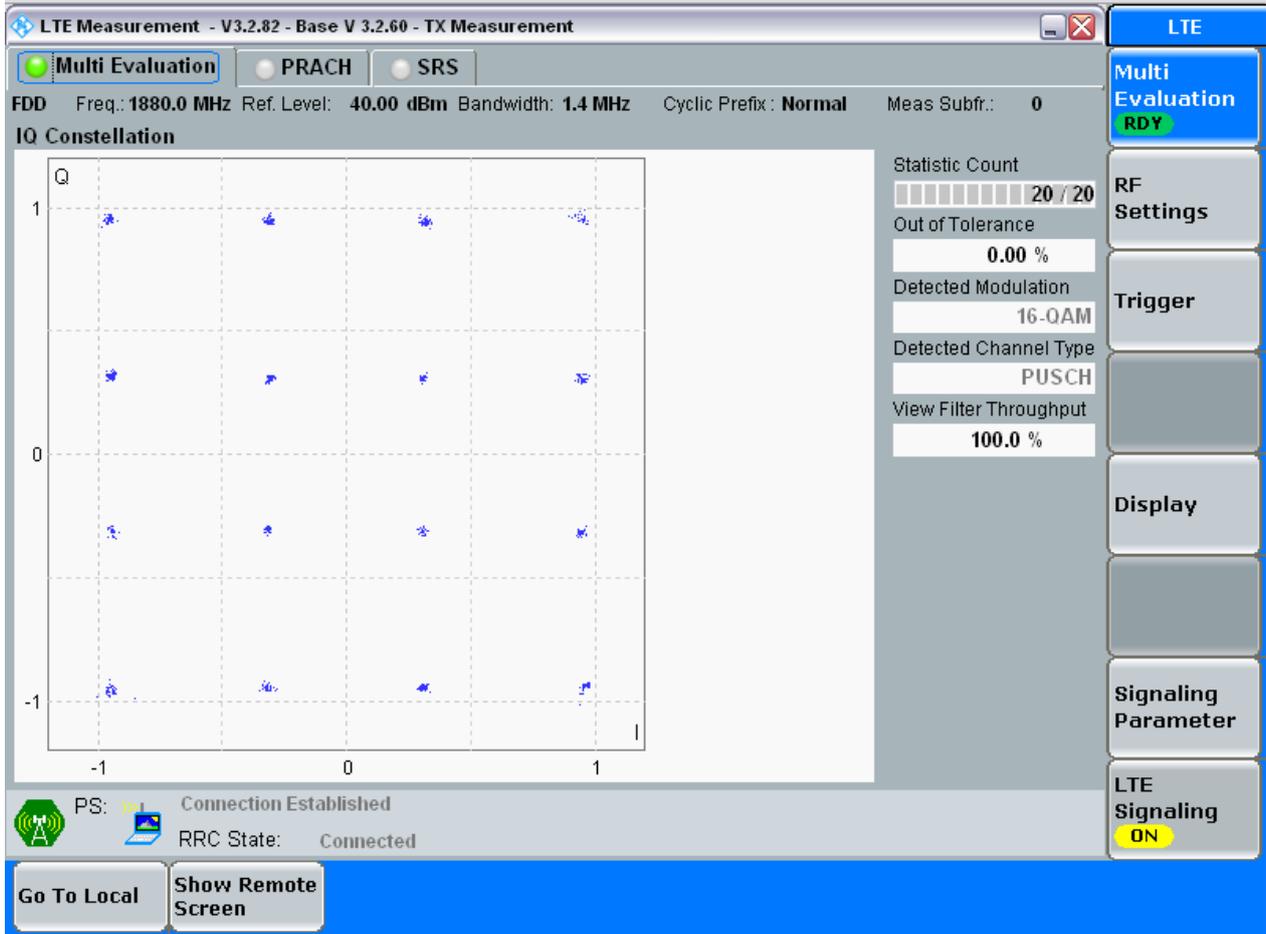


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

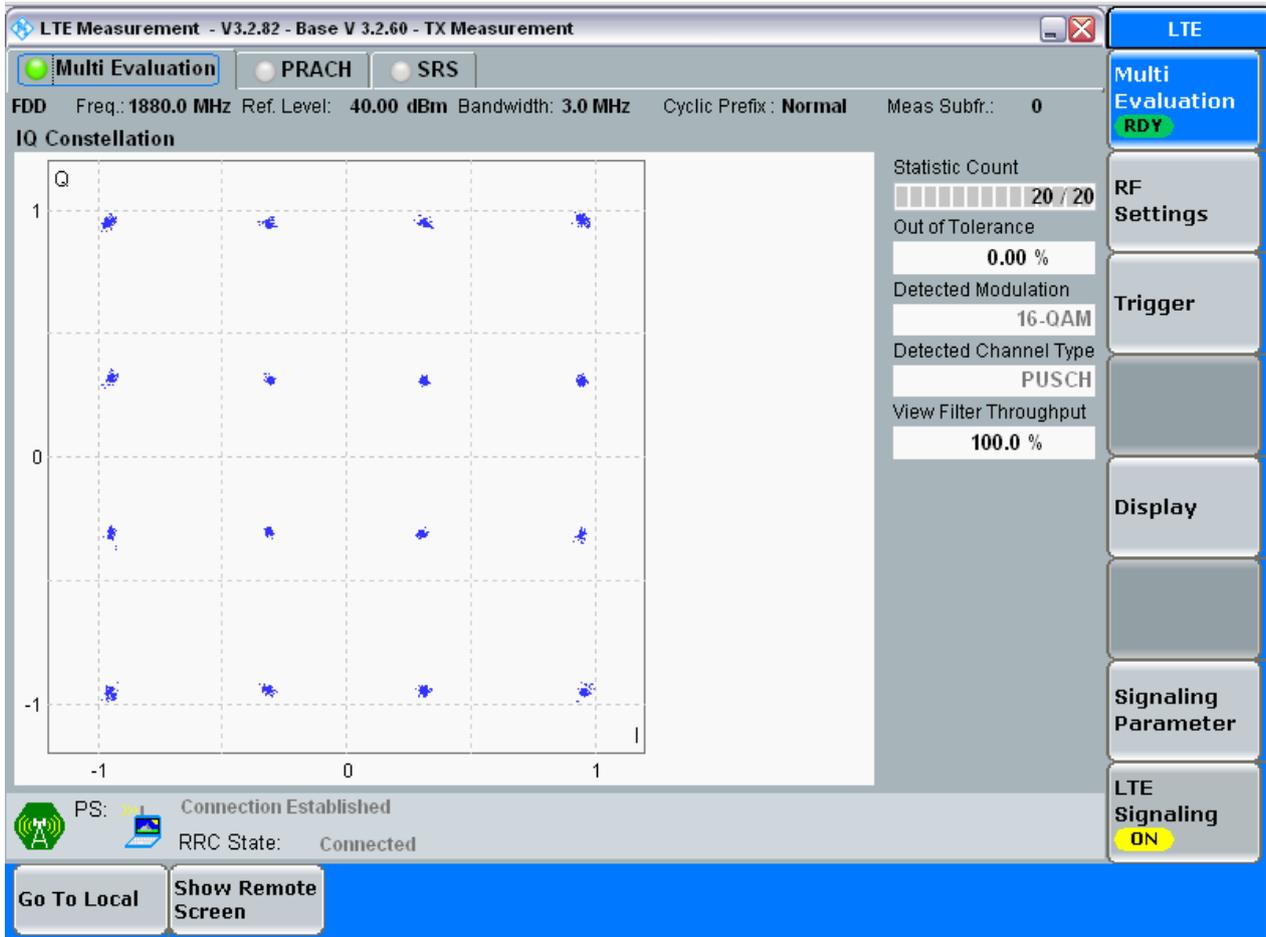
3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

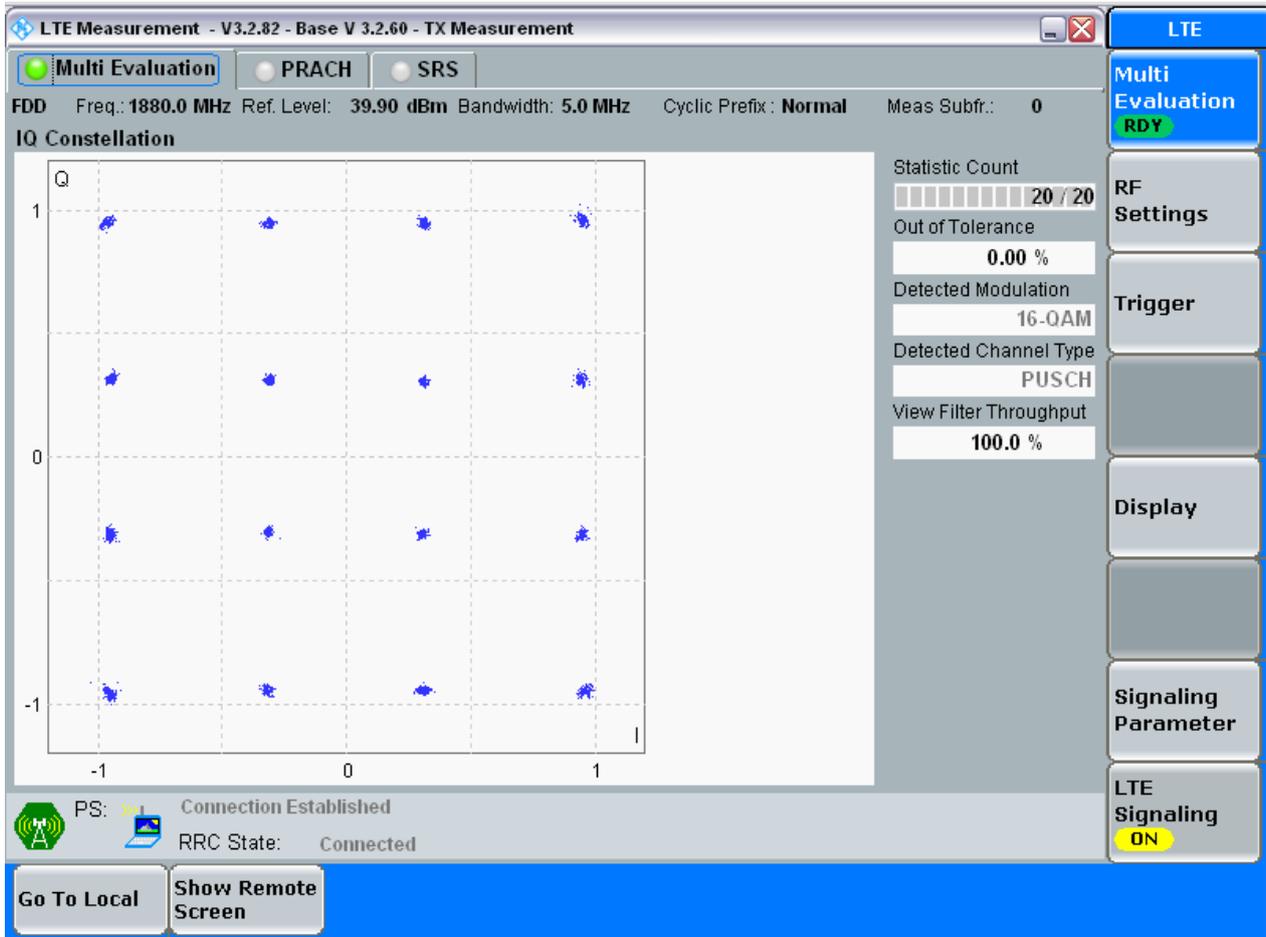
##### 3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

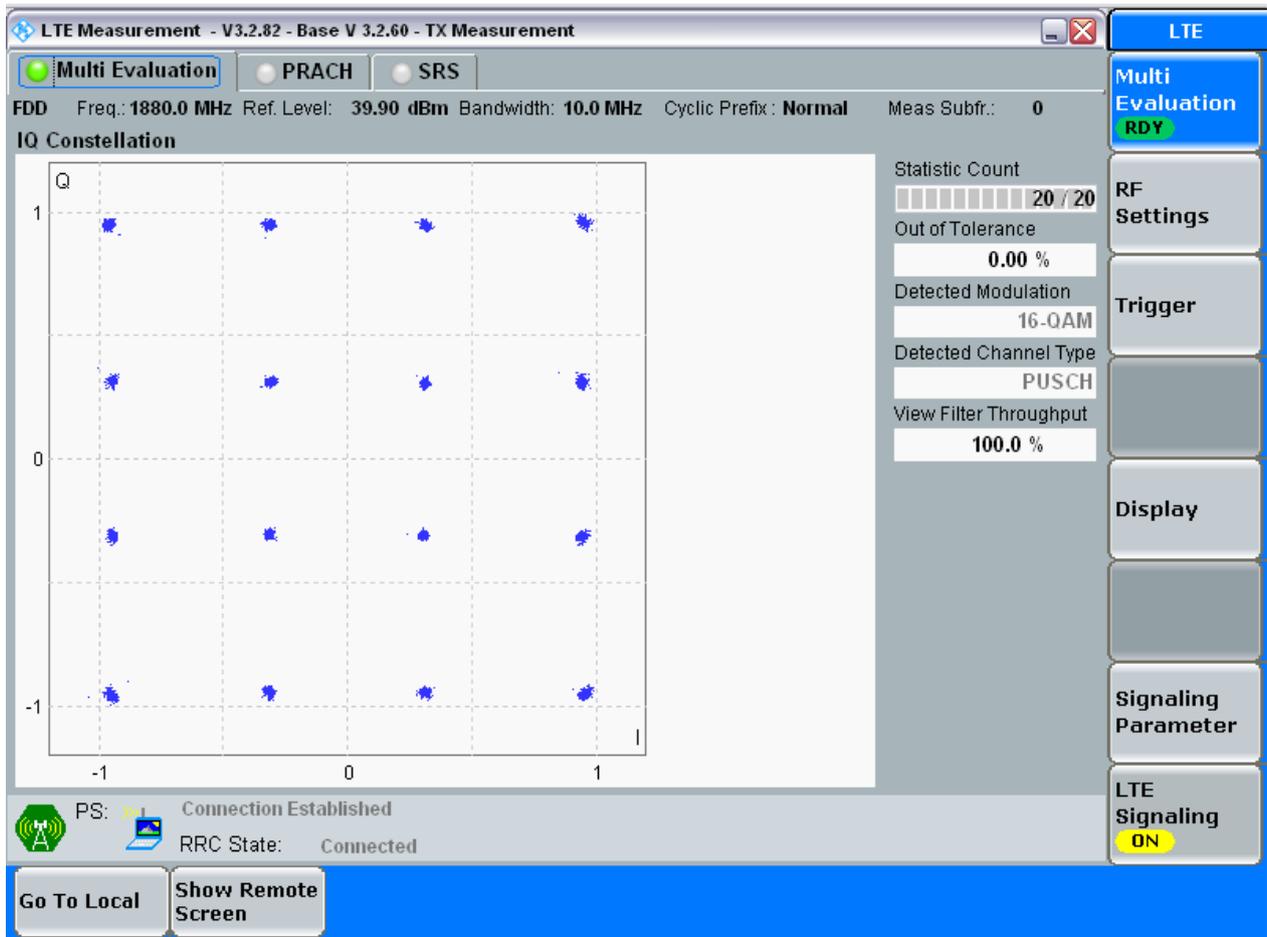
3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

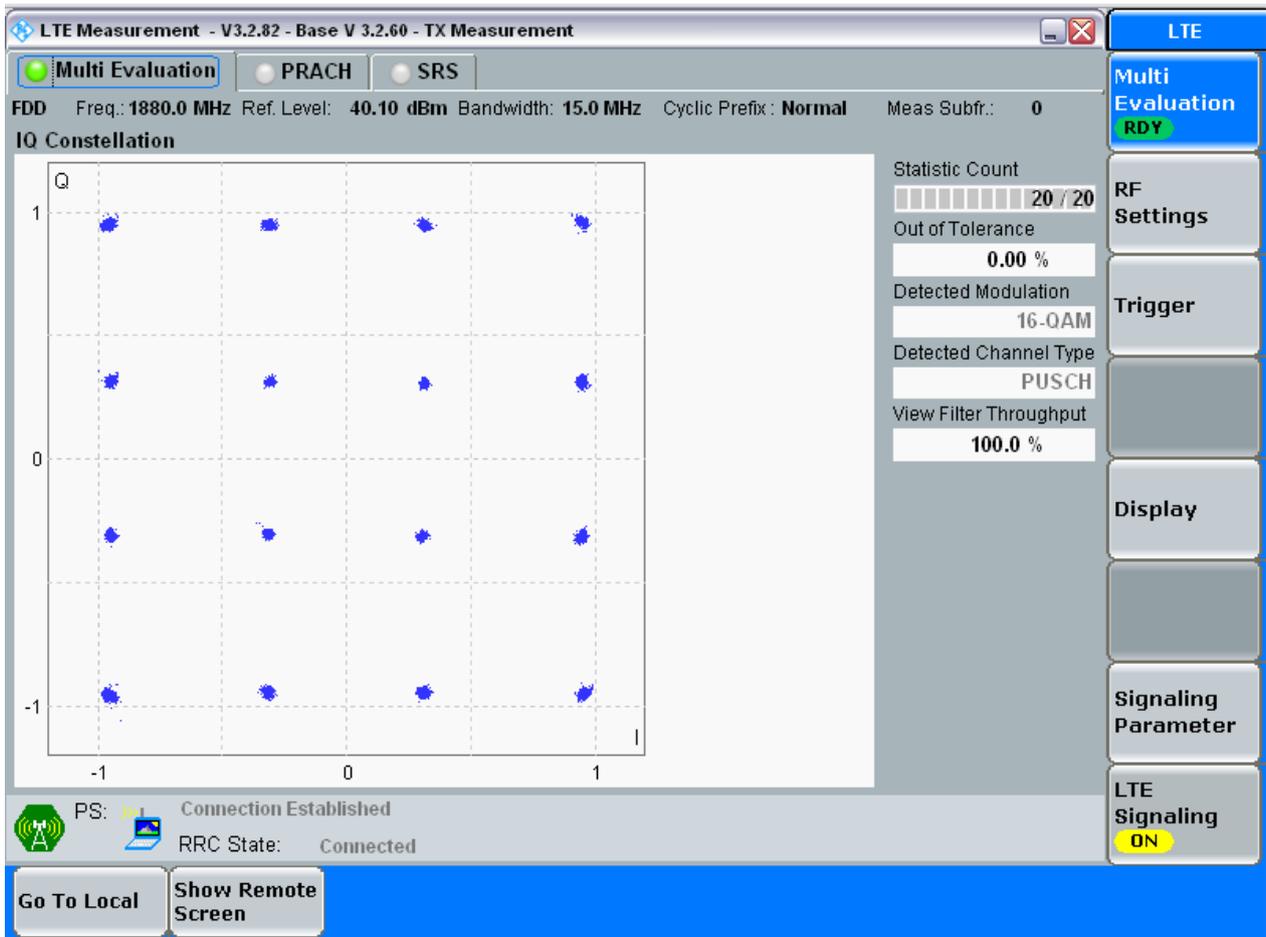
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

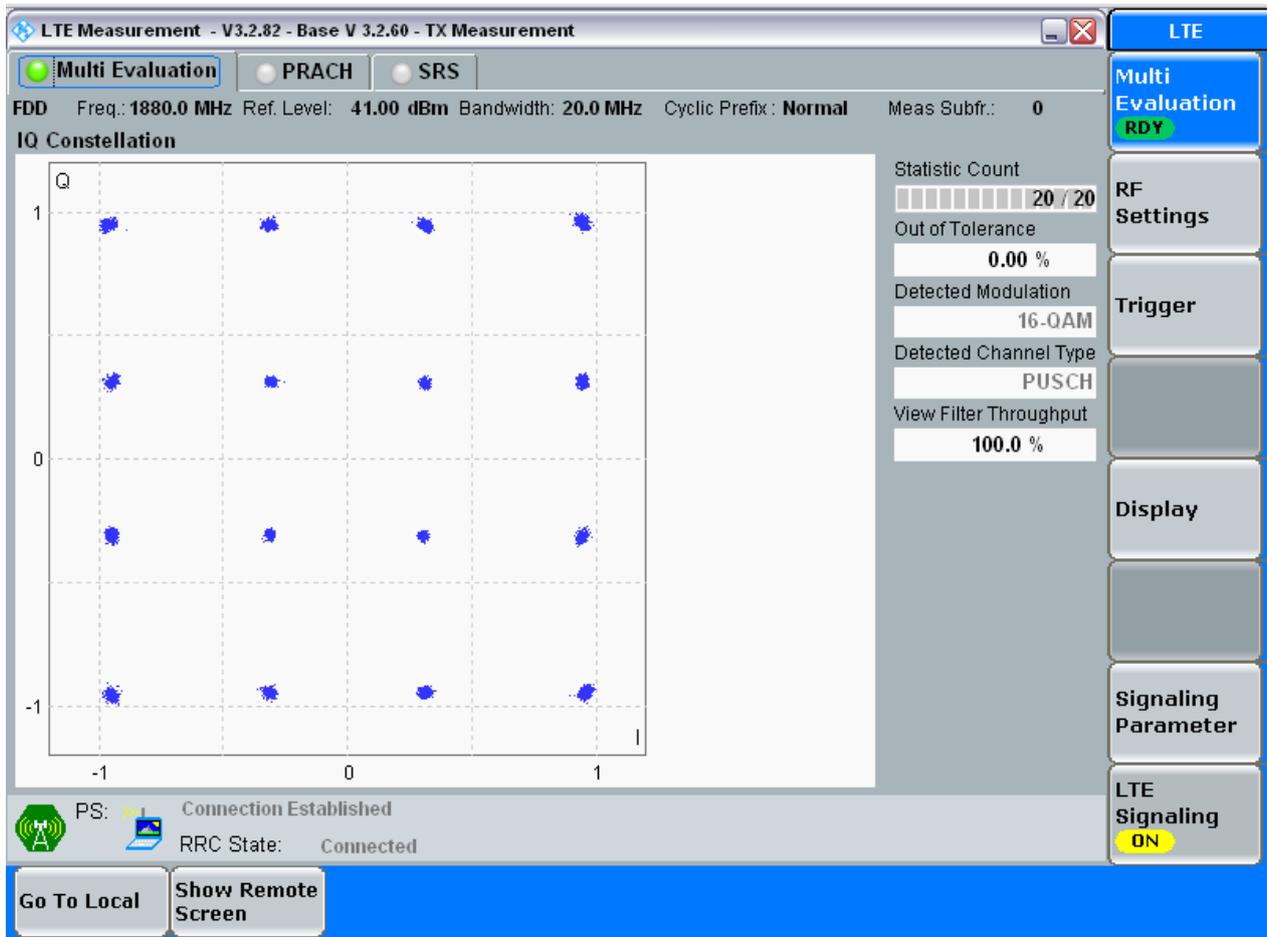
##### 3.1.1.2.5.1.1 Test RB = RB75#0



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	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.92	Pass
			MCH	RB15#0	2.71	2.92	Pass
			HCH	RB15#0	2.71	2.93	Pass
		5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.49	4.86	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	9.01	9.62	Pass
			MCH	RB50#0	9.00	9.61	Pass
			HCH	RB50#0	8.98	9.65	Pass
		15	LCH	RB75#0	13.50	14.38	Pass
			MCH	RB75#0	13.48	14.31	Pass
			HCH	RB75#0	13.43	14.31	Pass
		20	LCH	RB100#0	18.01	19.02	Pass
			MCH	RB100#0	17.97	19.06	Pass
			HCH	RB100#0	17.93	19.04	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.71	2.93	Pass
			HCH	RB15#0	2.71	2.92	Pass
		5	LCH	RB25#0	4.50	4.83	Pass
			MCH	RB25#0	4.49	4.87	Pass
			HCH	RB25#0	4.49	4.86	Pass
10		LCH	RB50#0	9.00	9.65	Pass	
		MCH	RB50#0	8.99	9.62	Pass	
		HCH	RB50#0	8.97	9.62	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.51	14.47	Pass
			MCH	RB75#0	13.47	14.39	Pass
			HCH	RB75#0	13.43	14.27	Pass
		20	LCH	RB100#0	18.01	19.07	Pass
			MCH	RB100#0	17.97	19.00	Pass
			HCH	RB100#0	17.93	19.03	Pass

**Part II - Test Plots**

**4.1 For LTE**

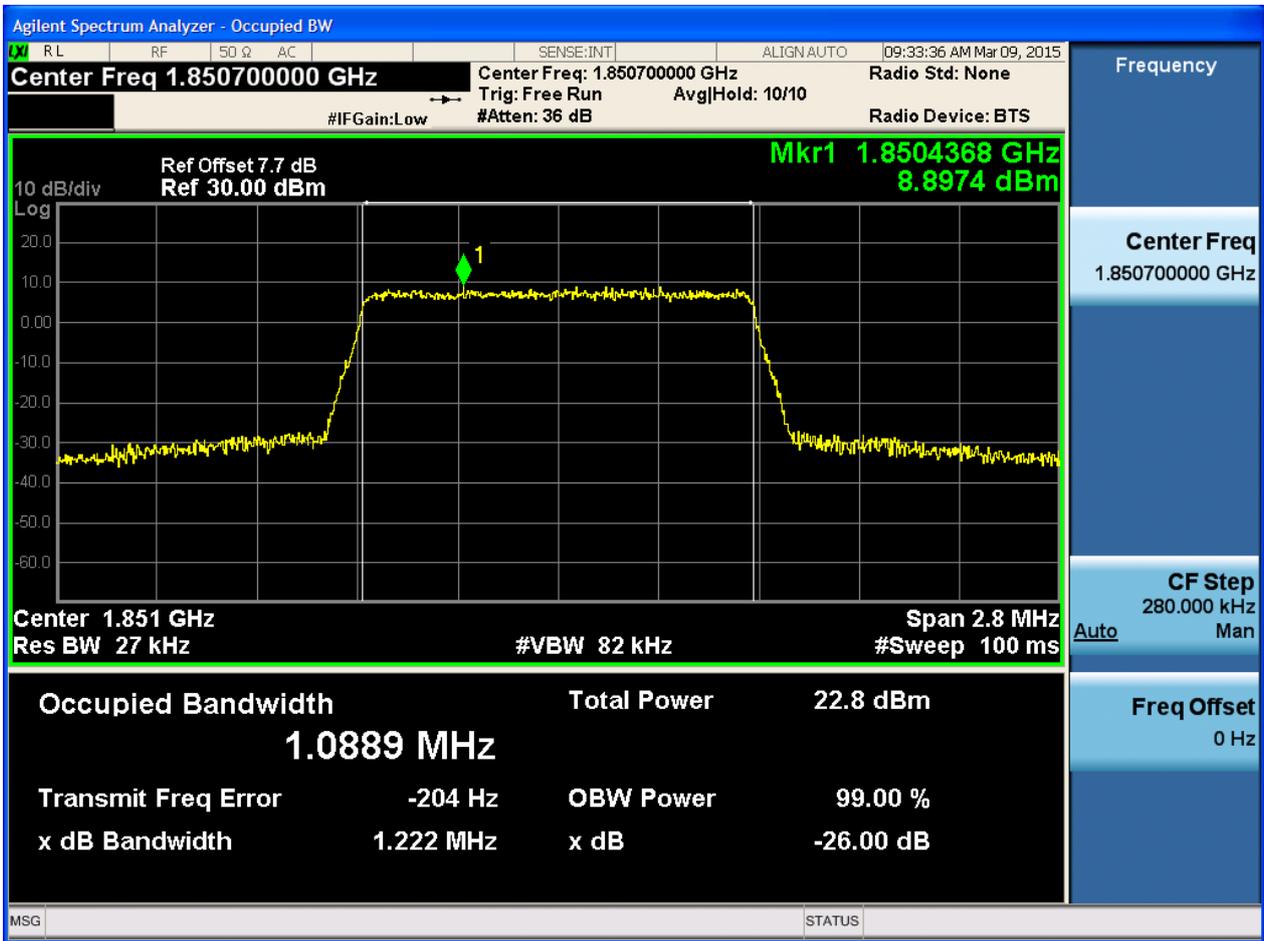
**4.1.1 Test Band = BAND2**

**4.1.1.1 Test Mode = LTE/TM1**

**4.1.1.1.1 Test Bandwidth = 1.4**

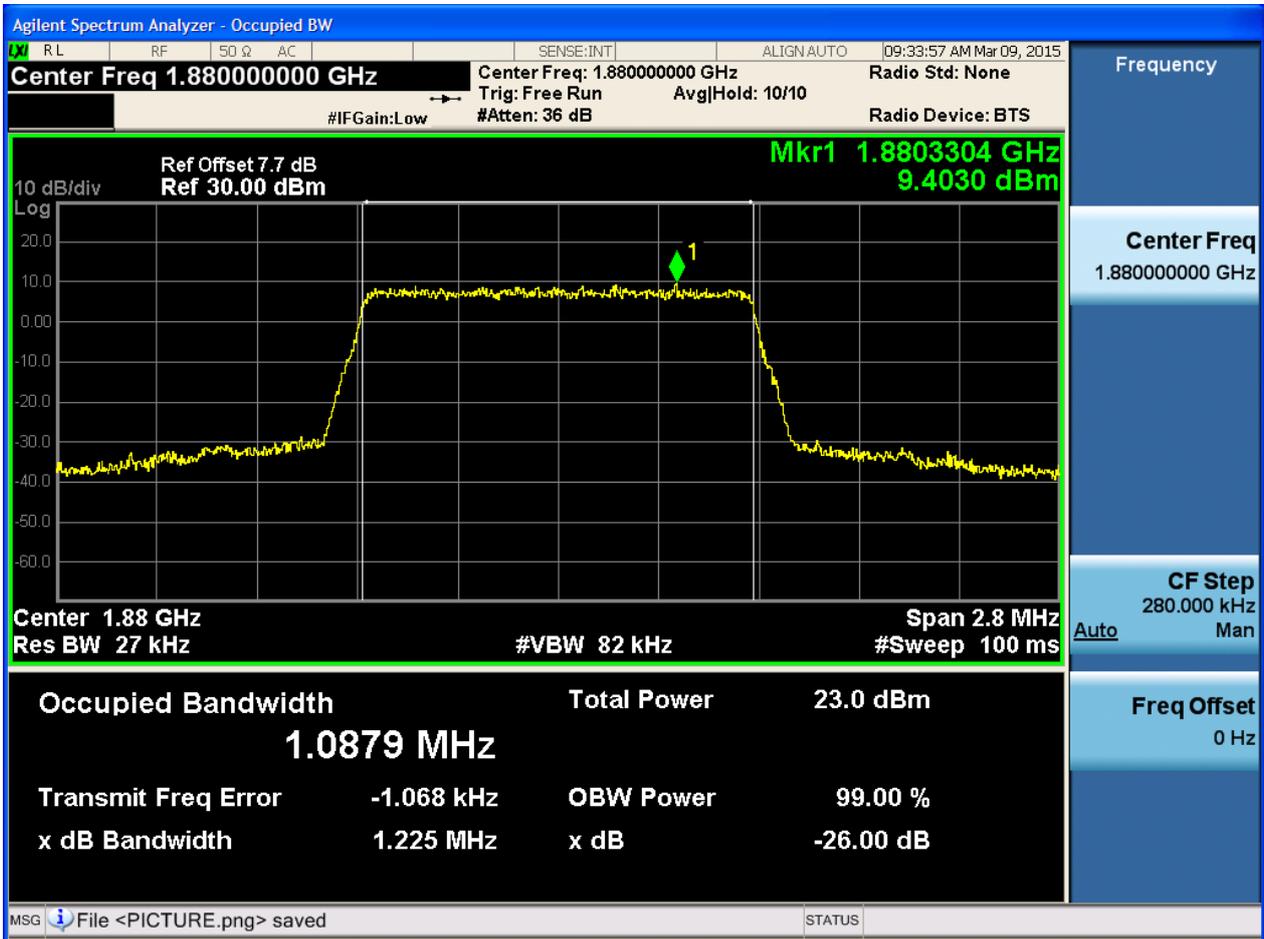
**4.1.1.1.1.1 Test Channel = LCH**

**4.1.1.1.1.1.1 Test RB = RB6#0**



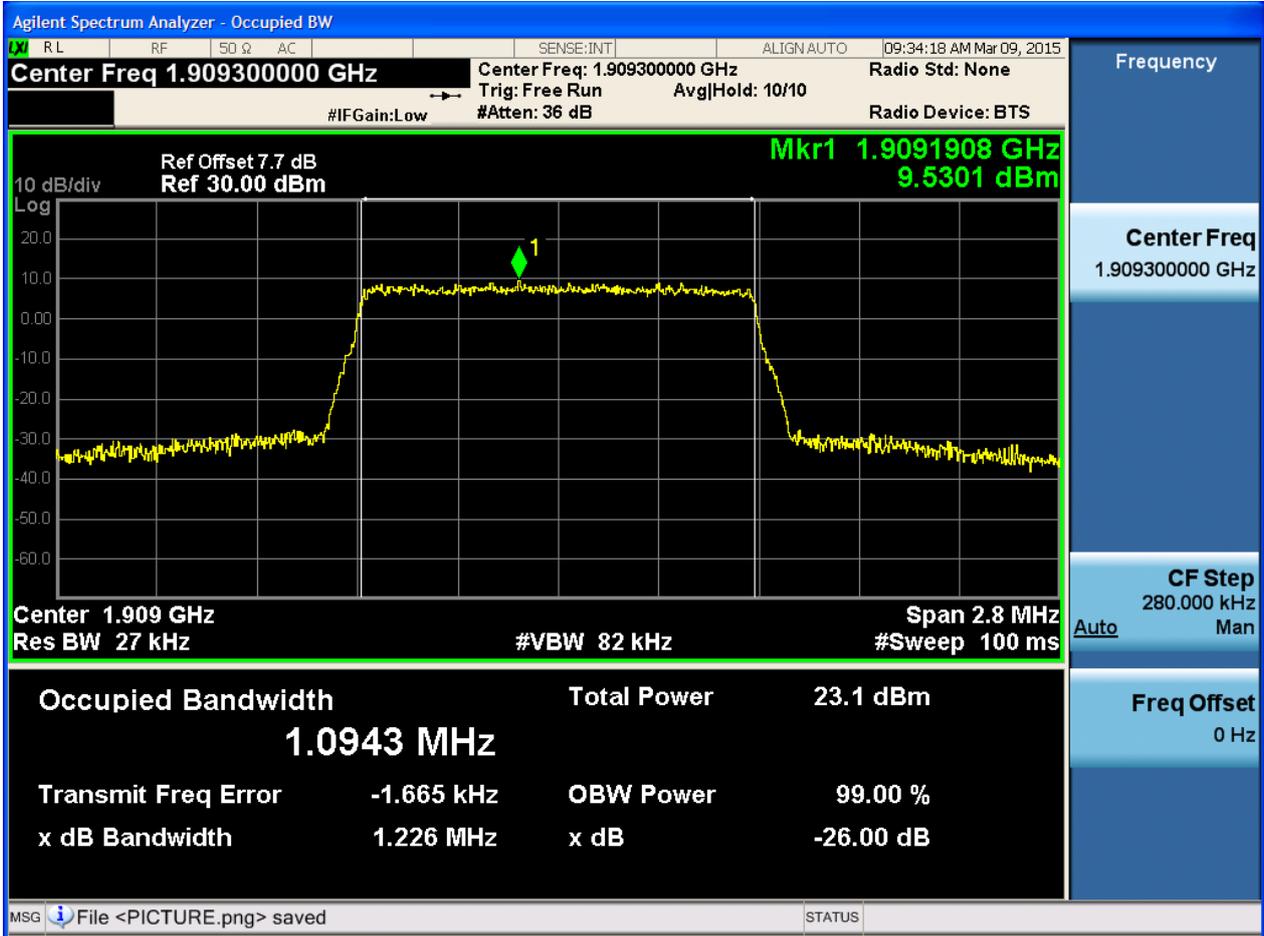
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

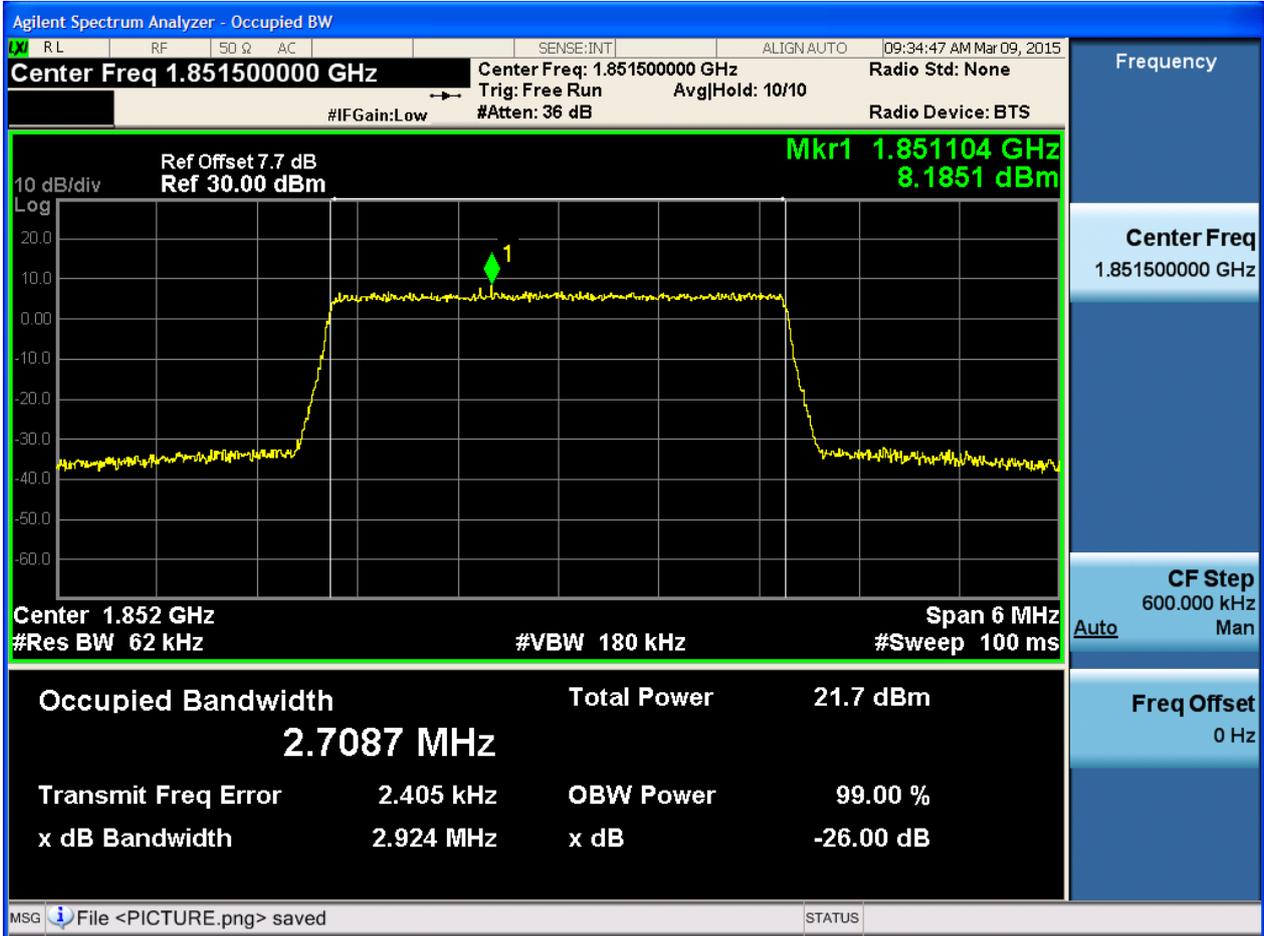
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

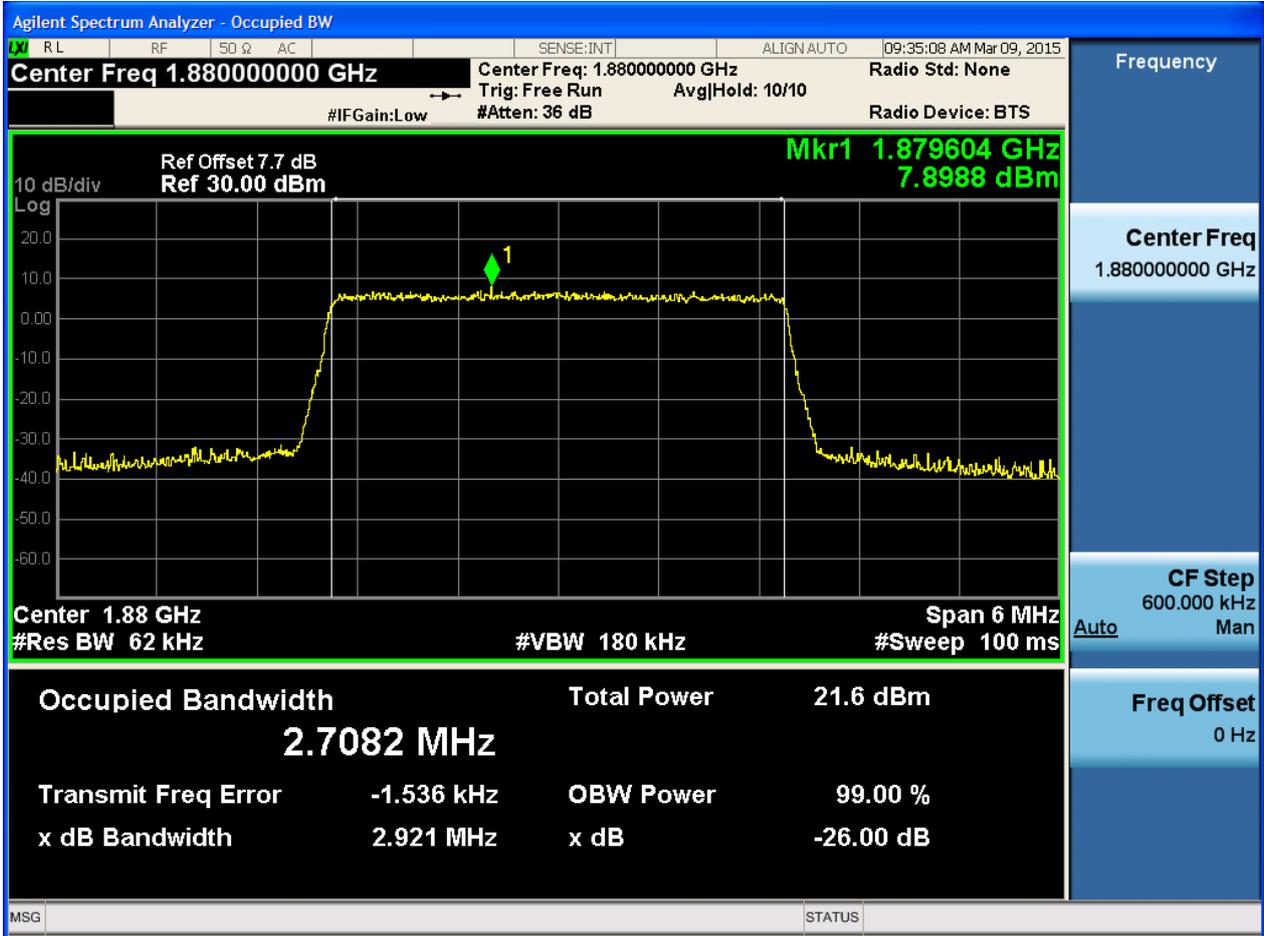
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

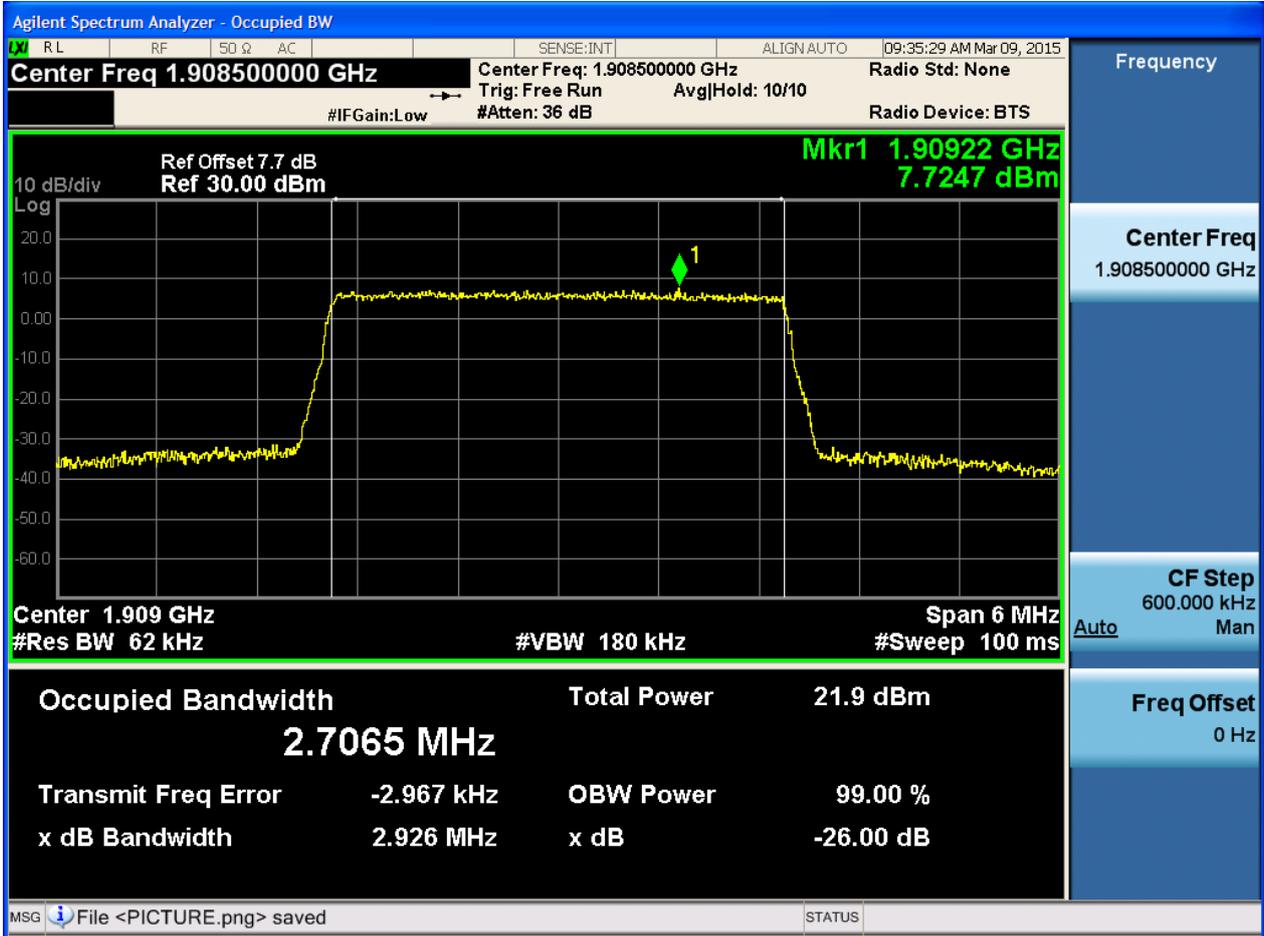
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

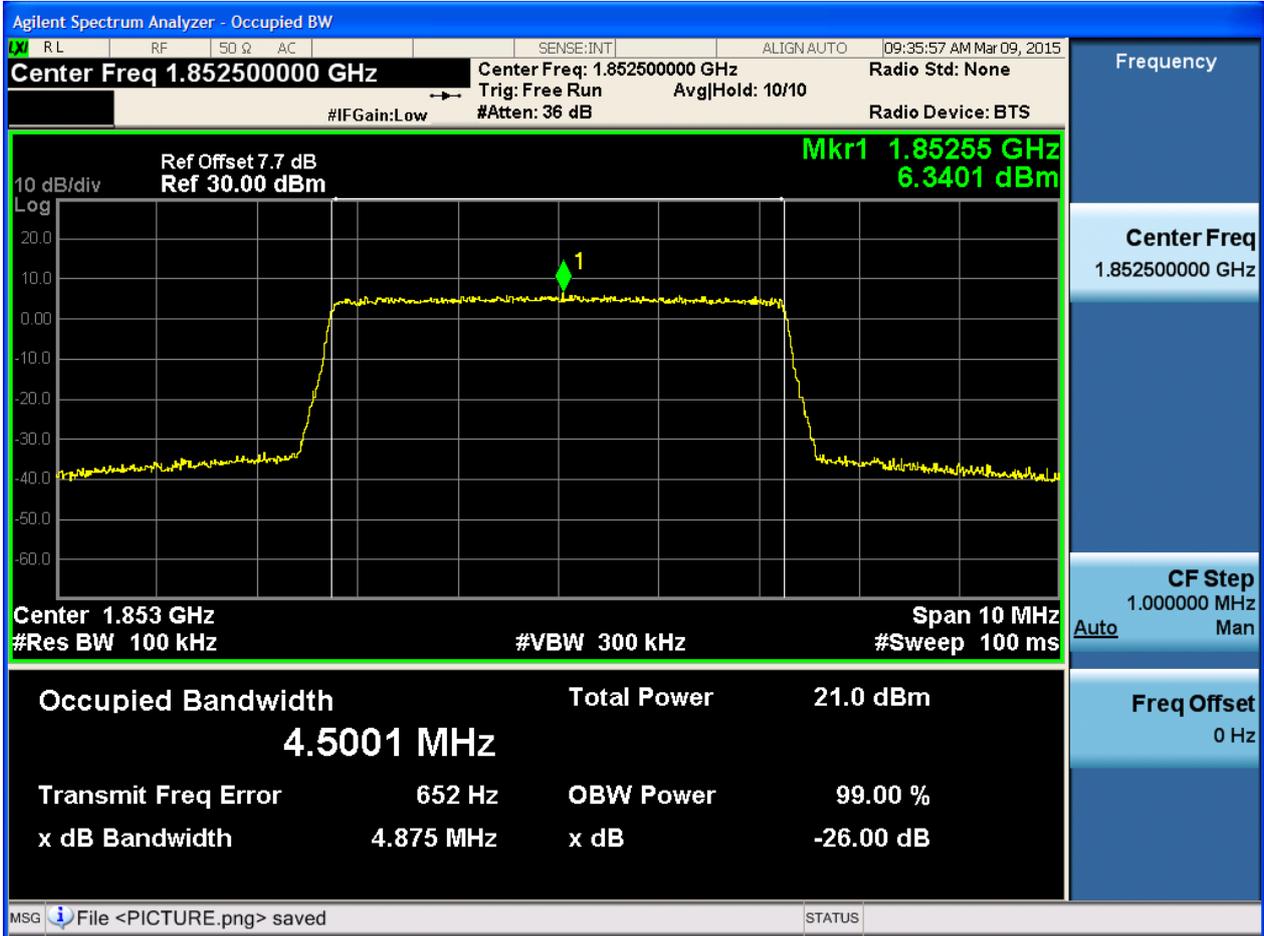




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

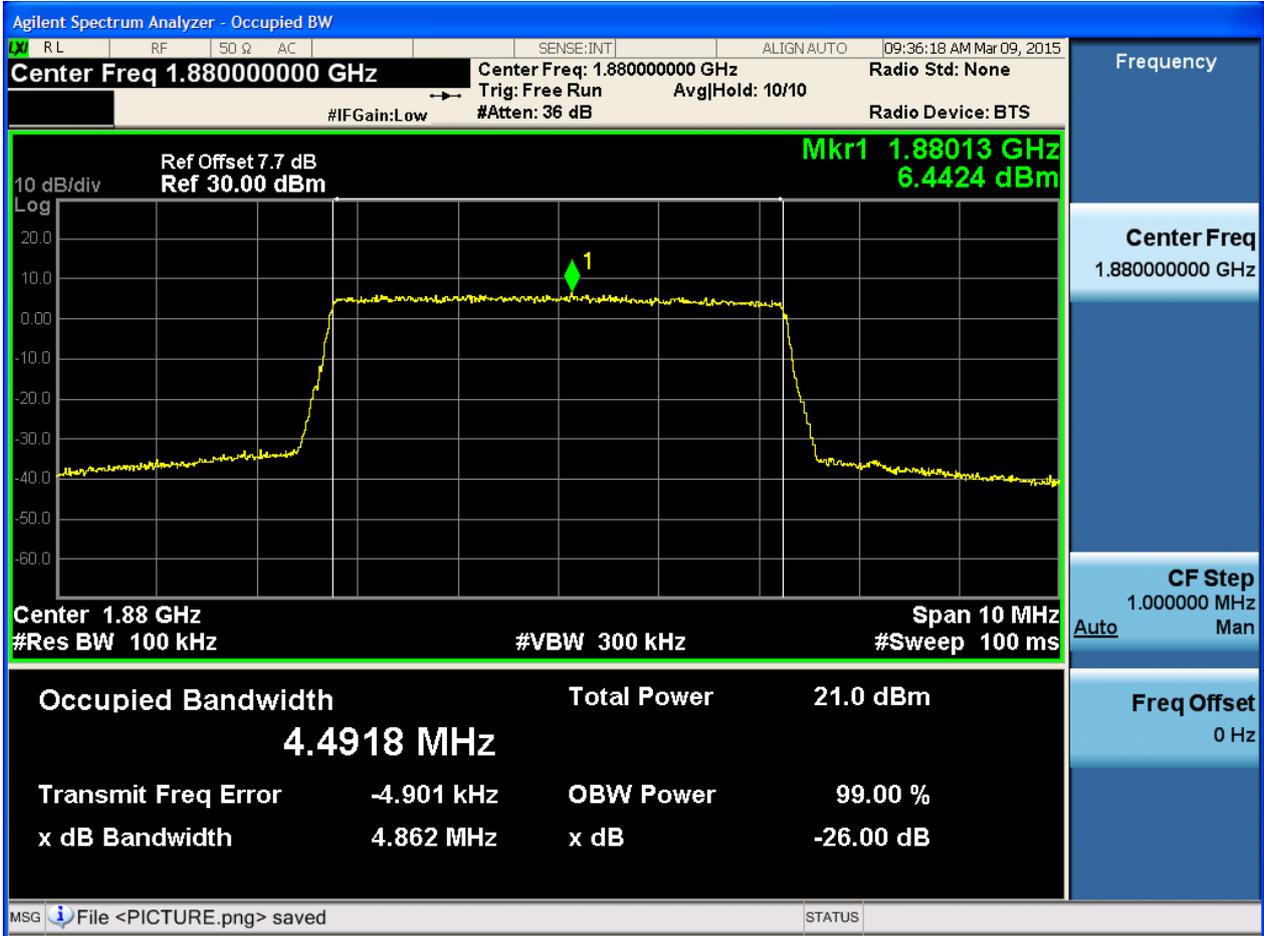
4.1.1.1.3.1.1 Test RB = RB25#0





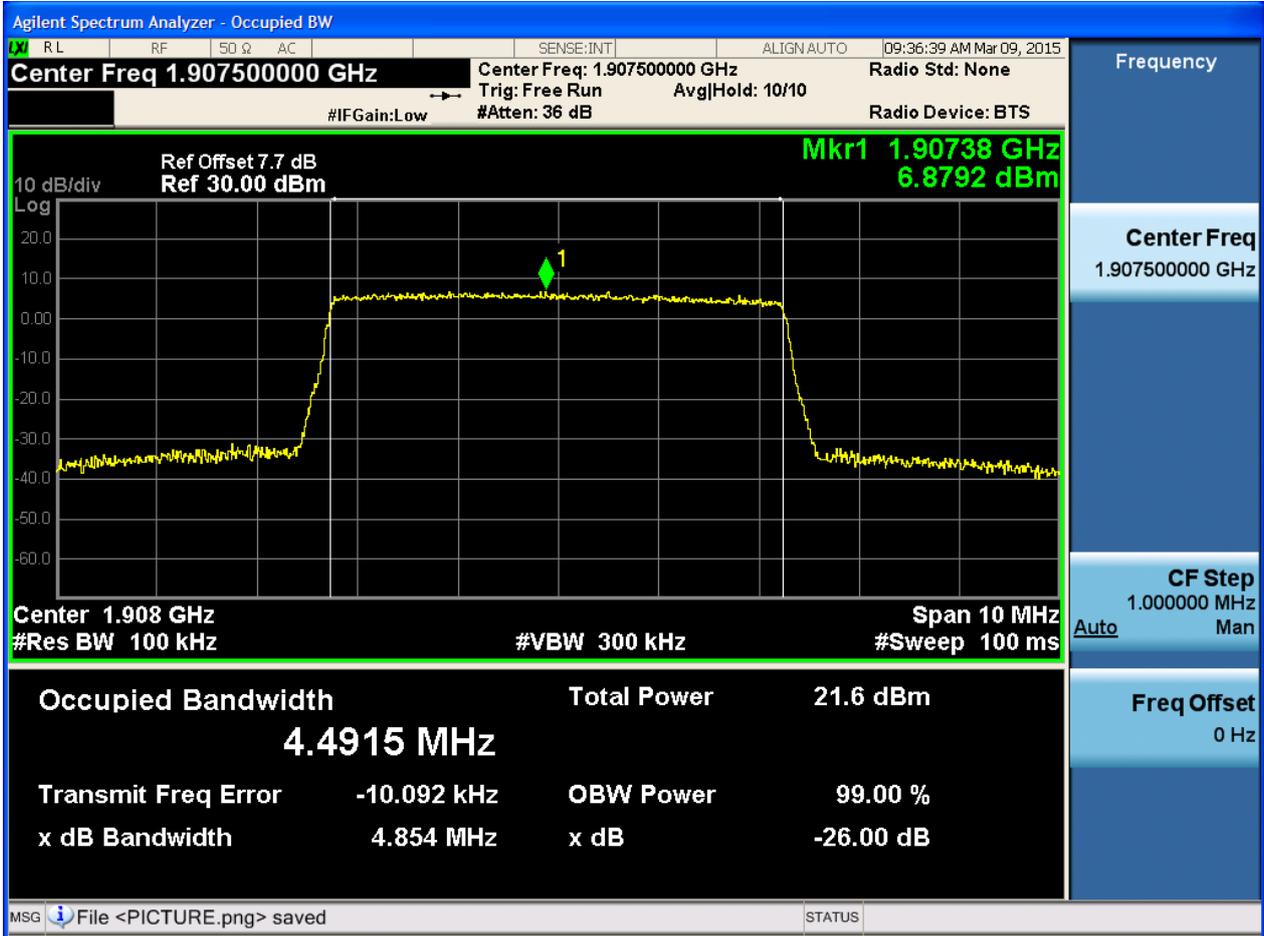
4.1.1.1.3.2 Test Channel = MCH

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

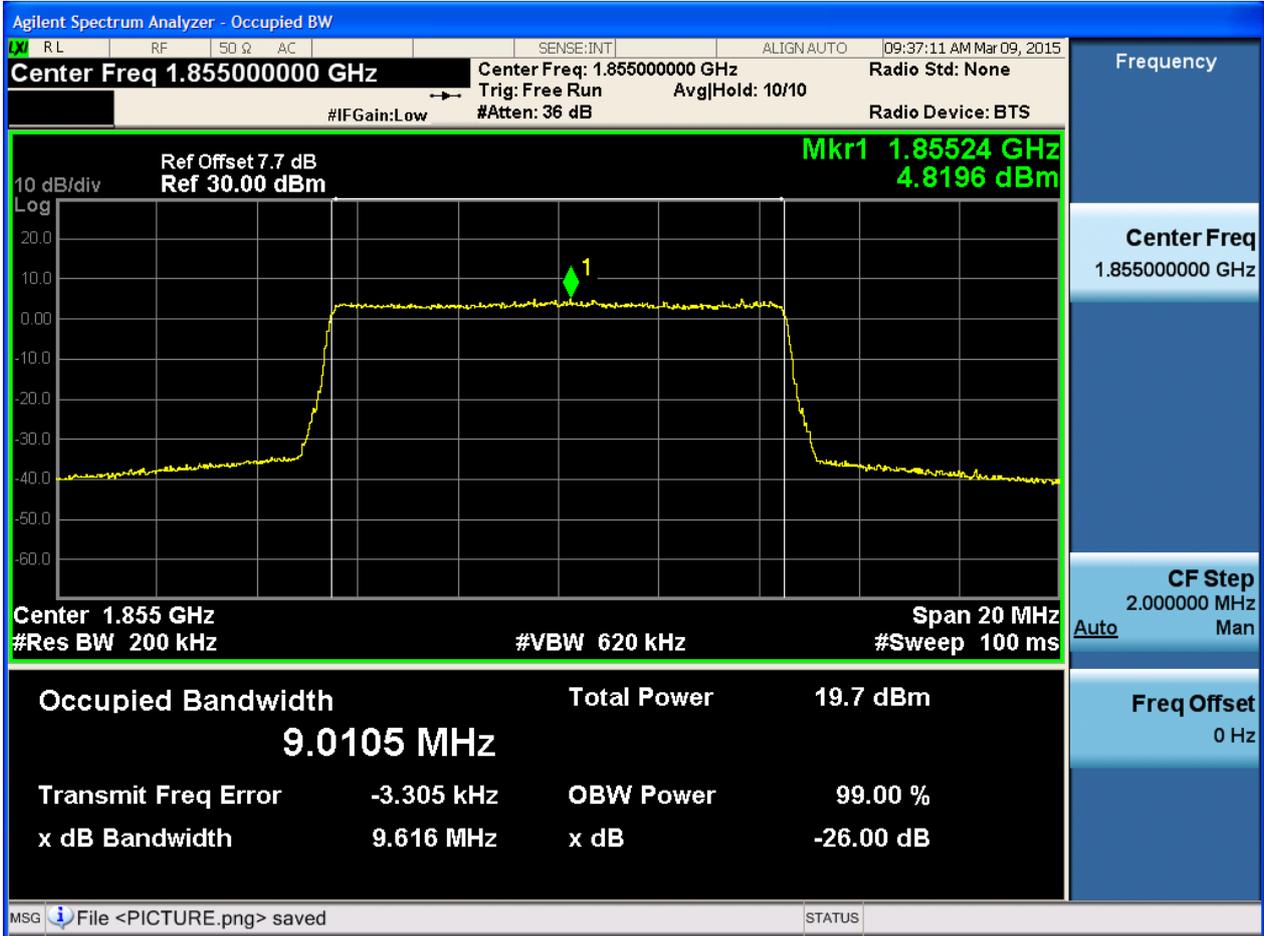




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

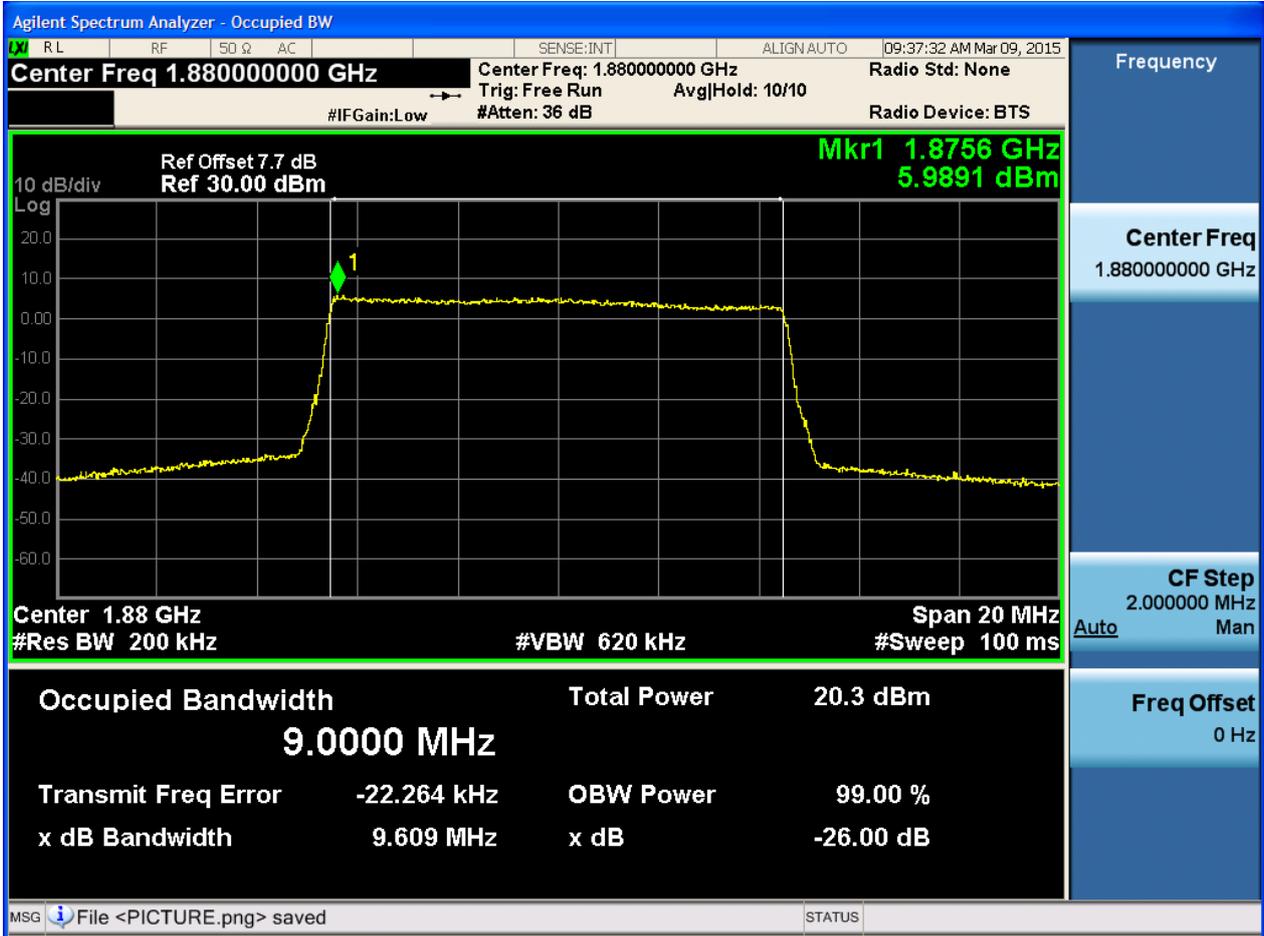
4.1.1.1.4.1.1 Test RB = RB50#0





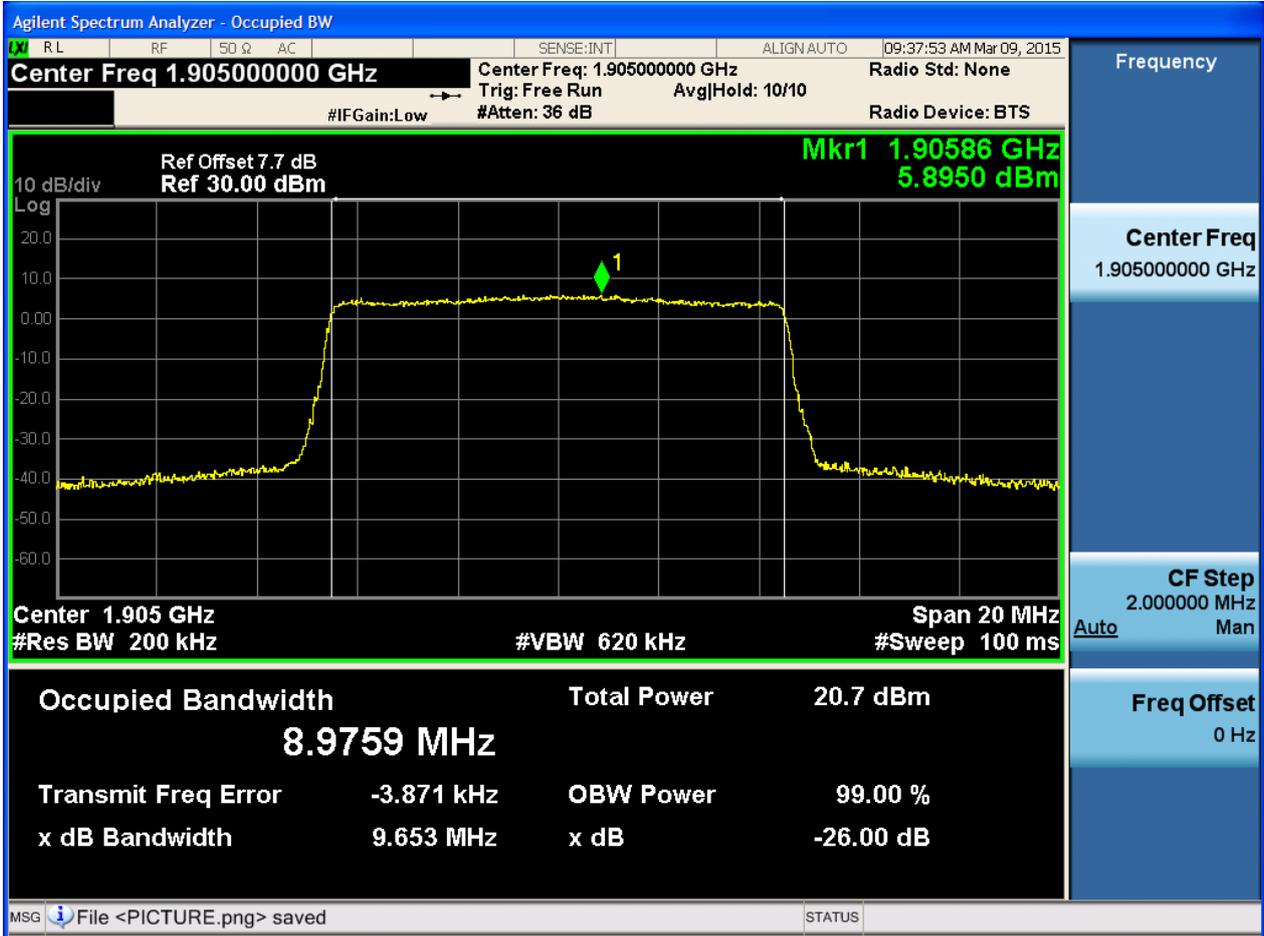
4.1.1.1.4.2 Test Channel = MCH

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

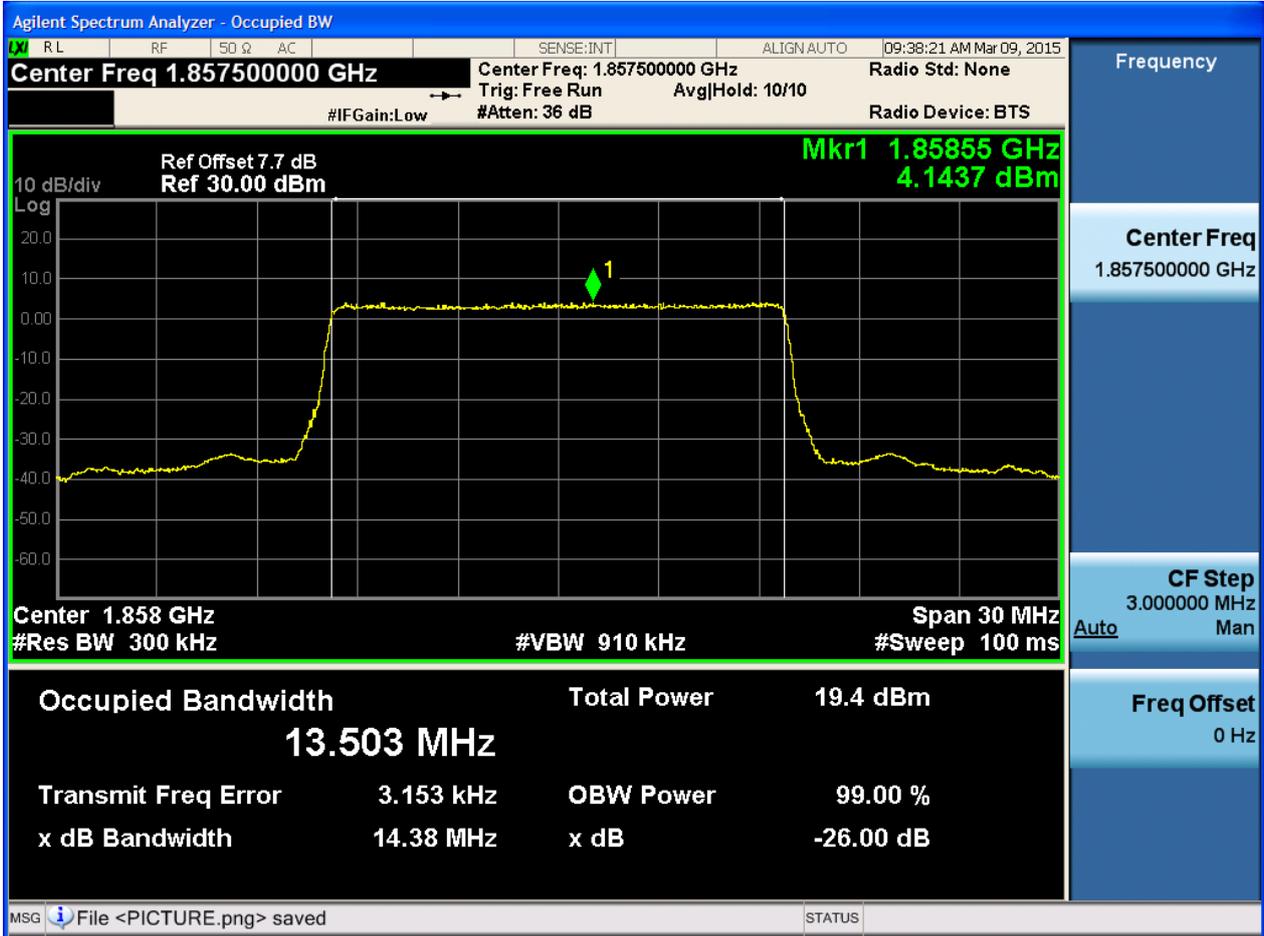




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

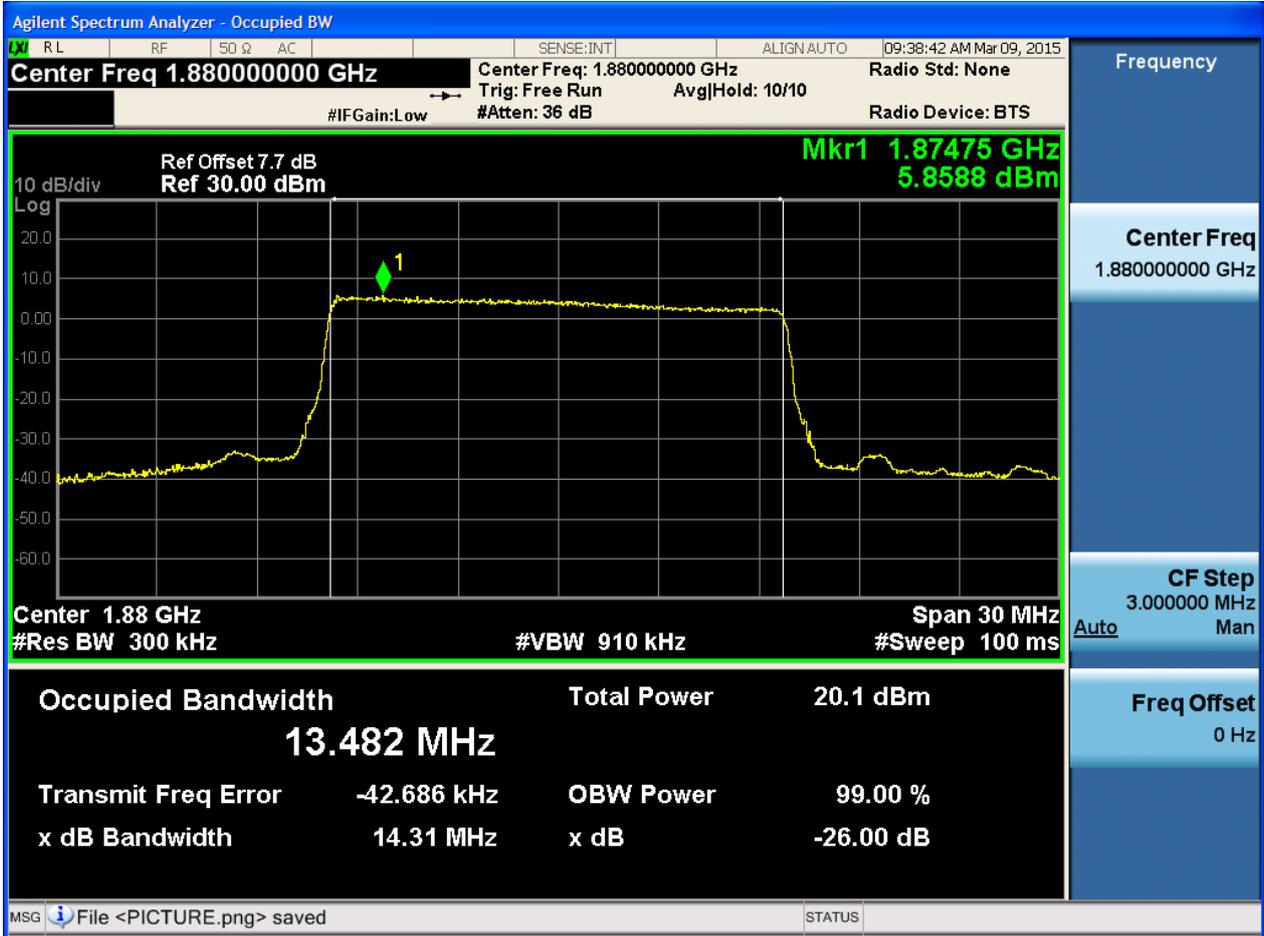
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

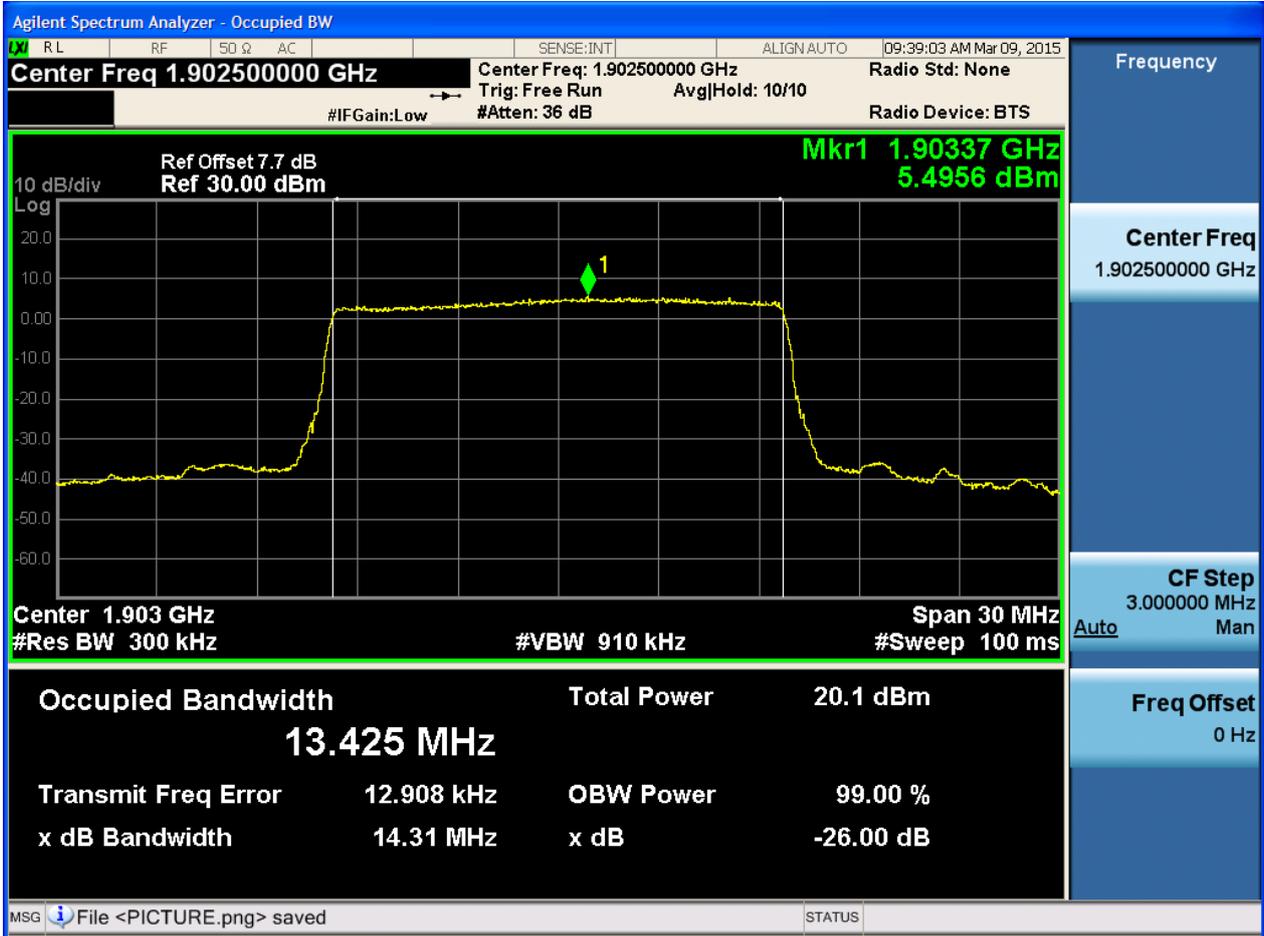
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

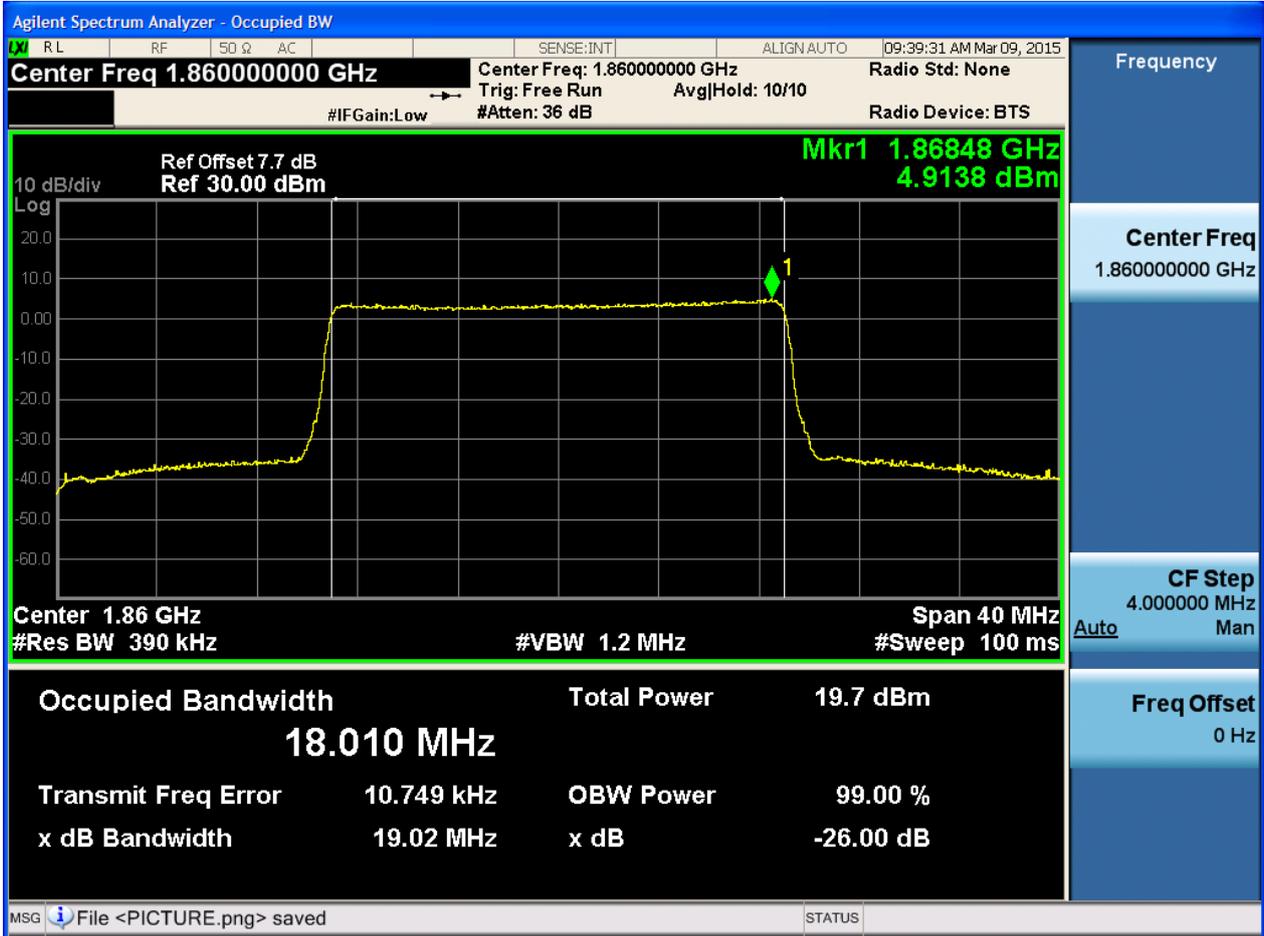




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

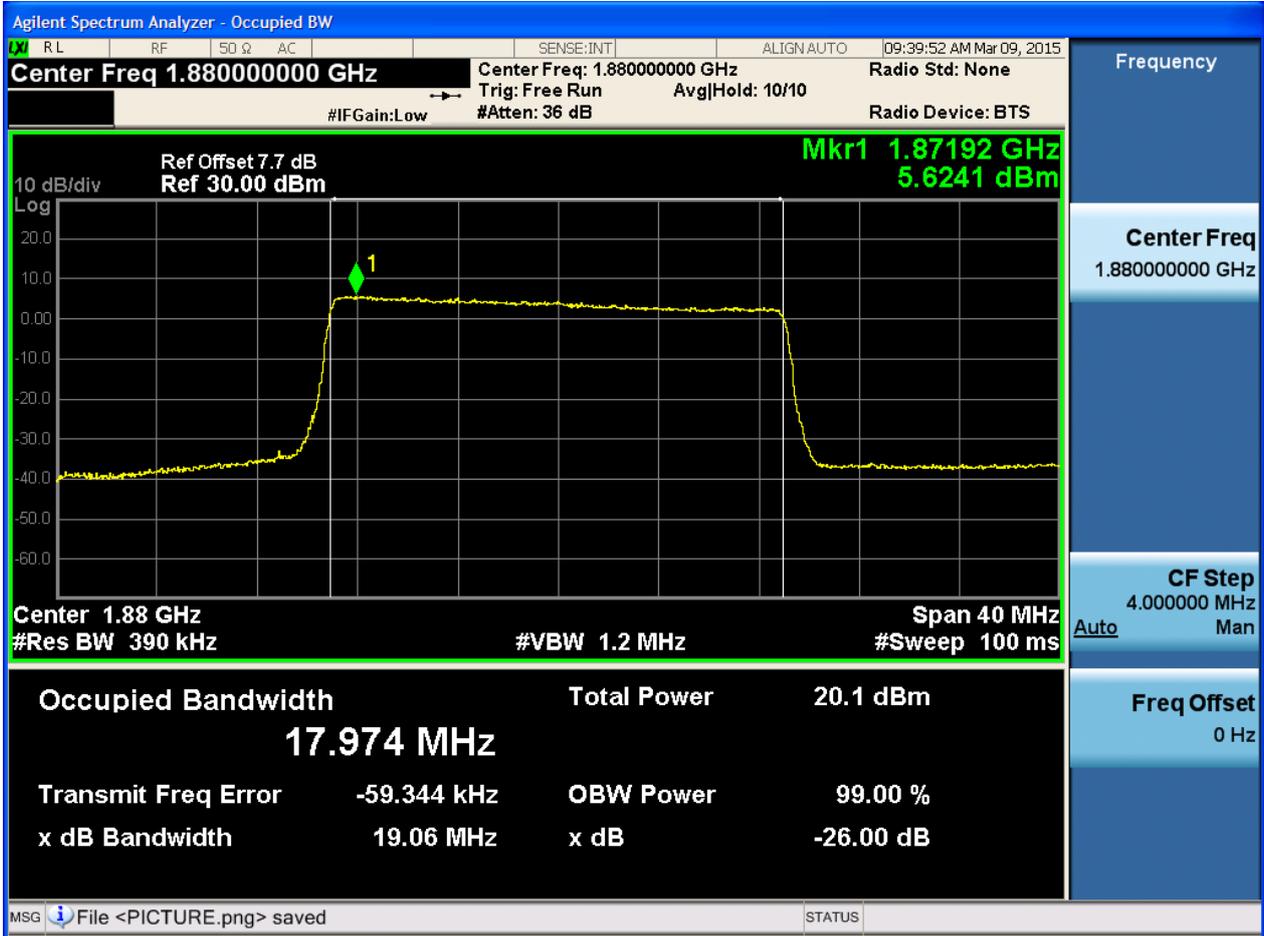
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

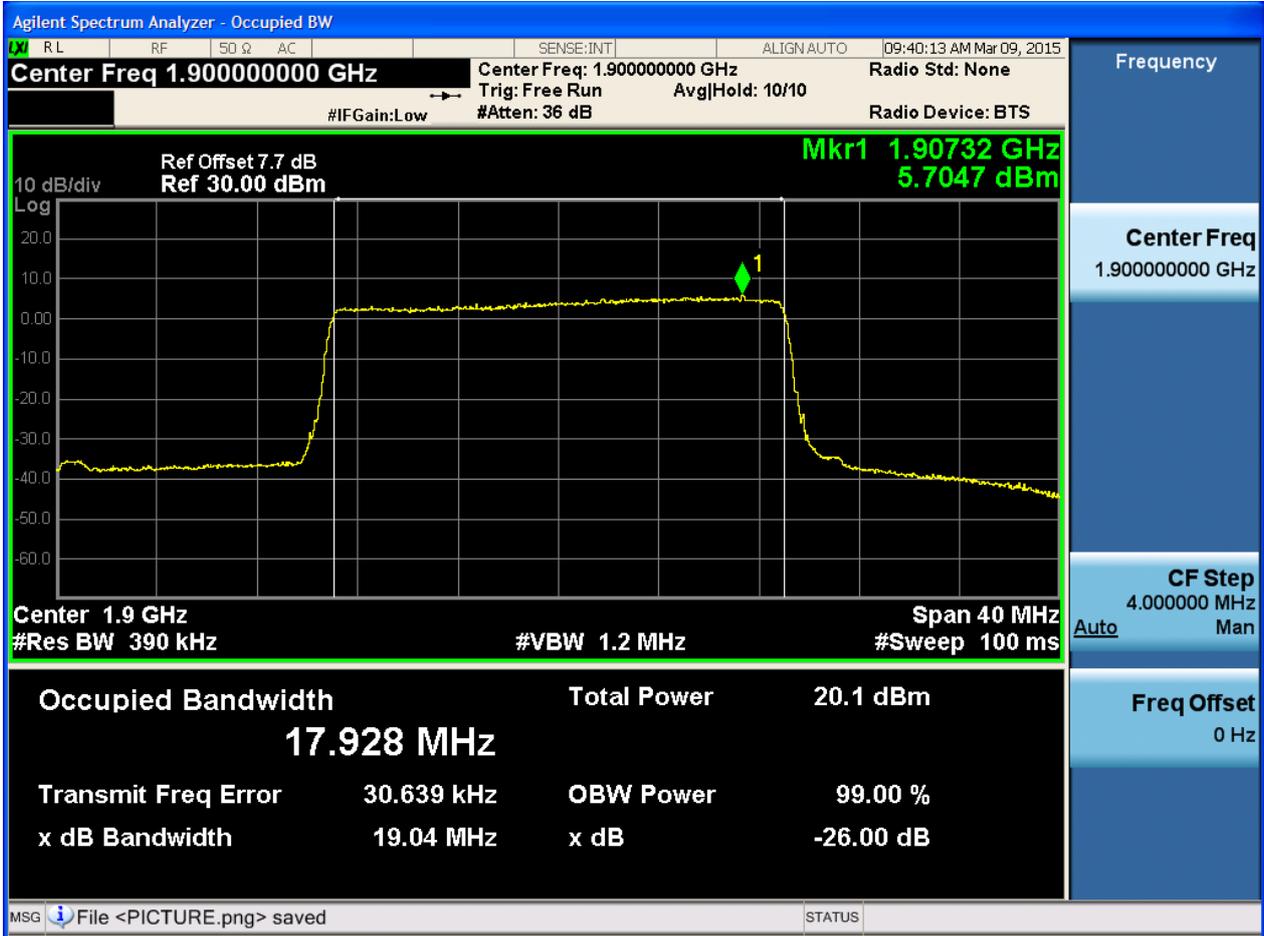
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0

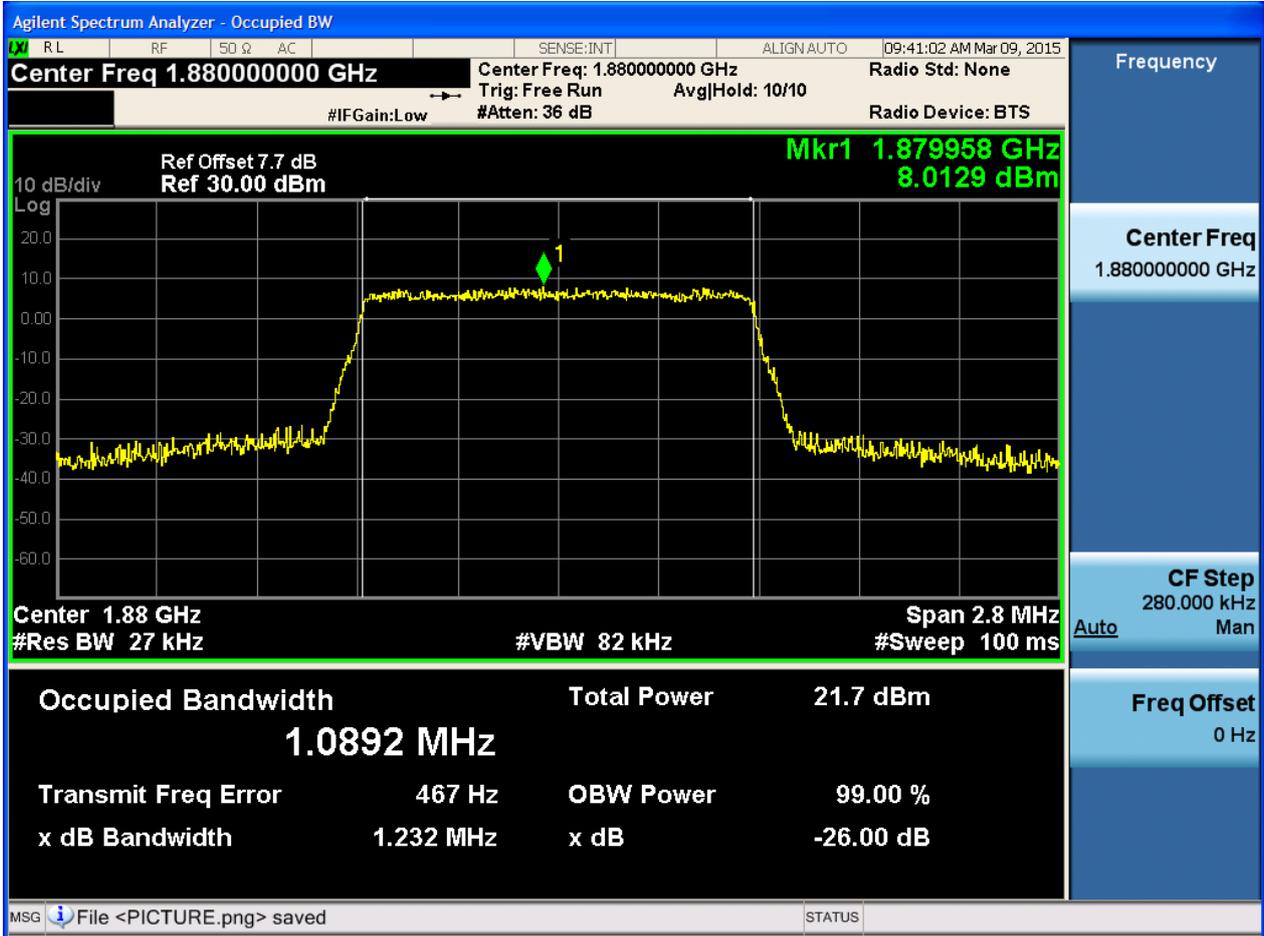






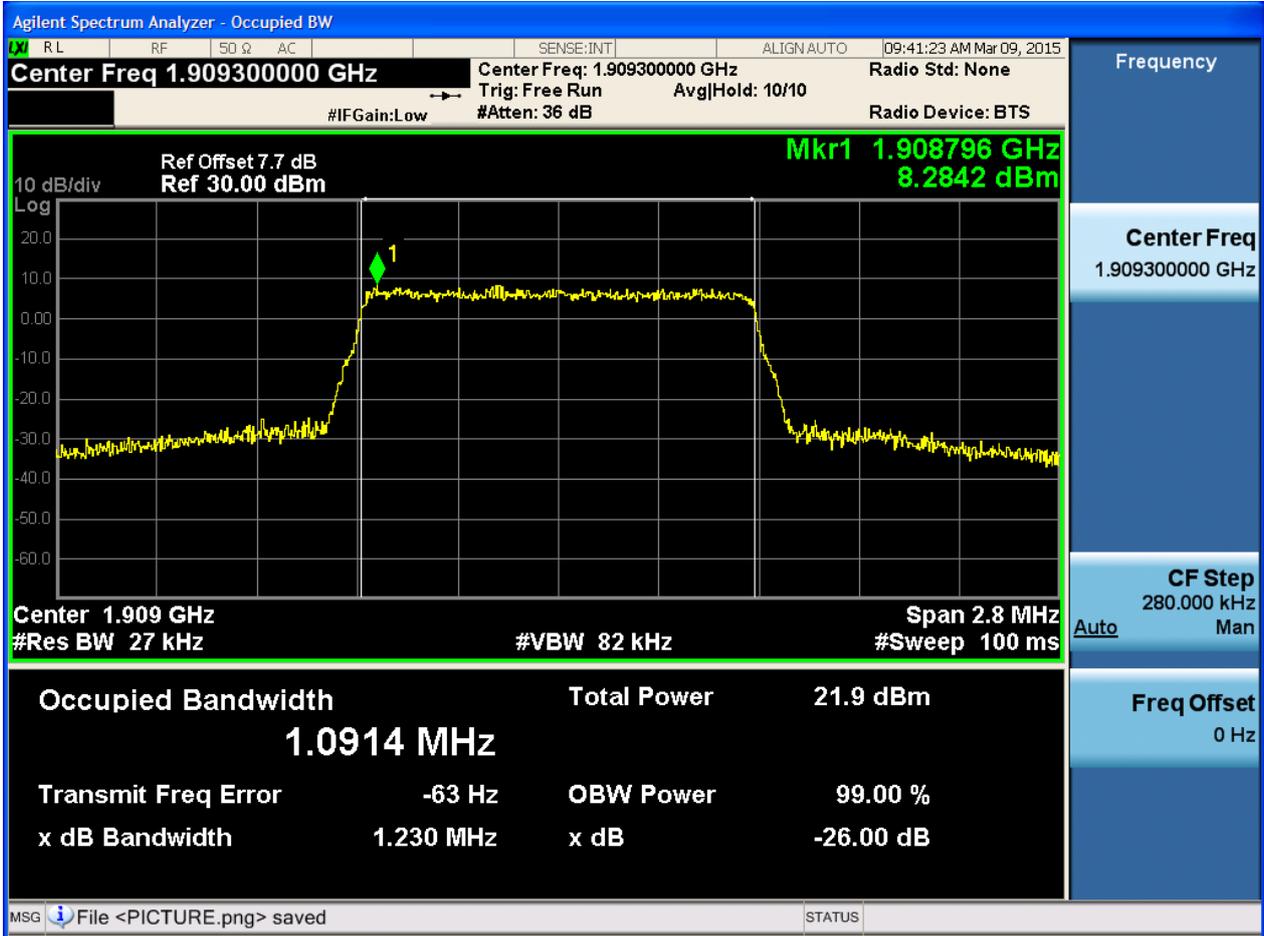
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

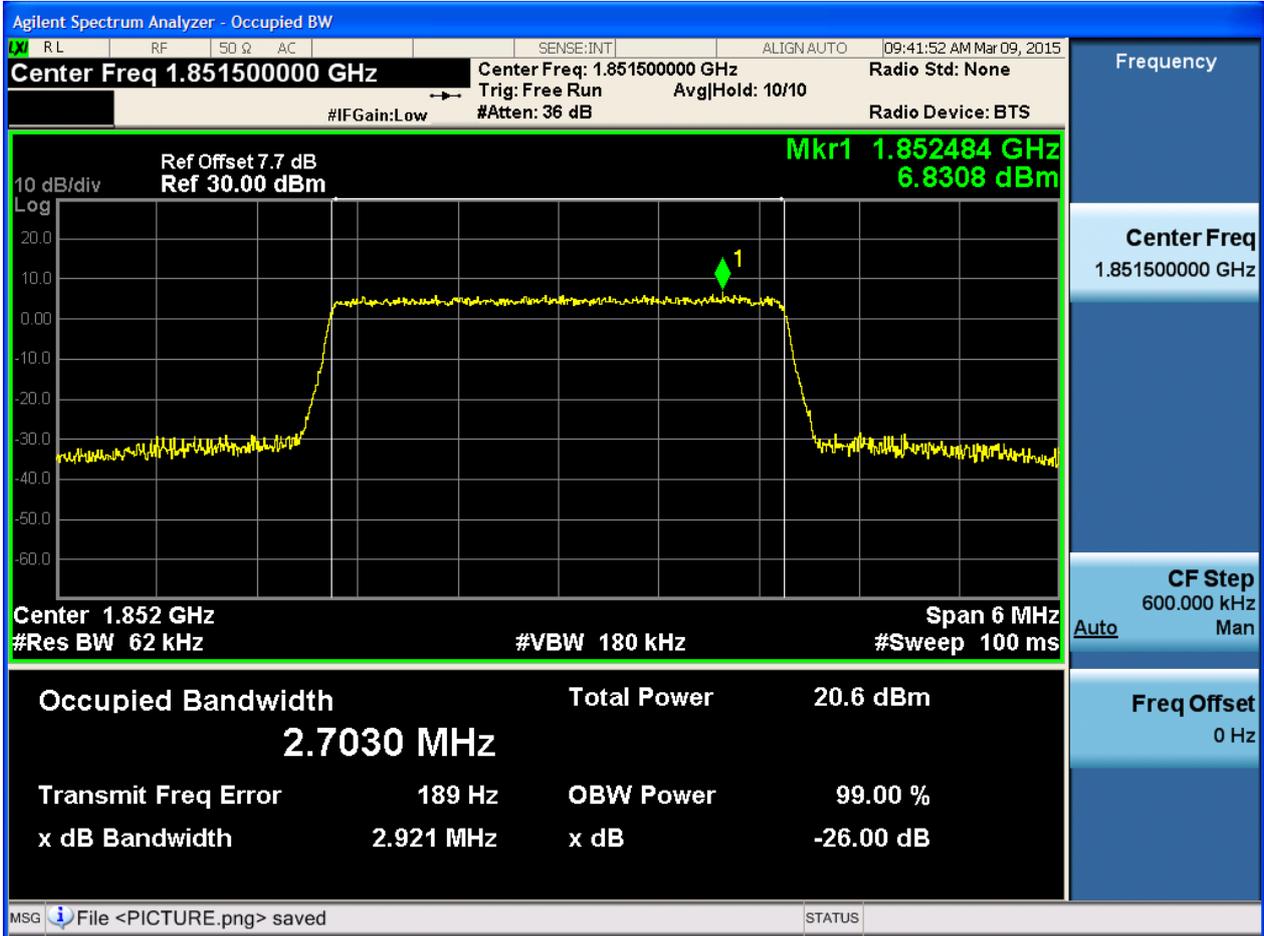
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

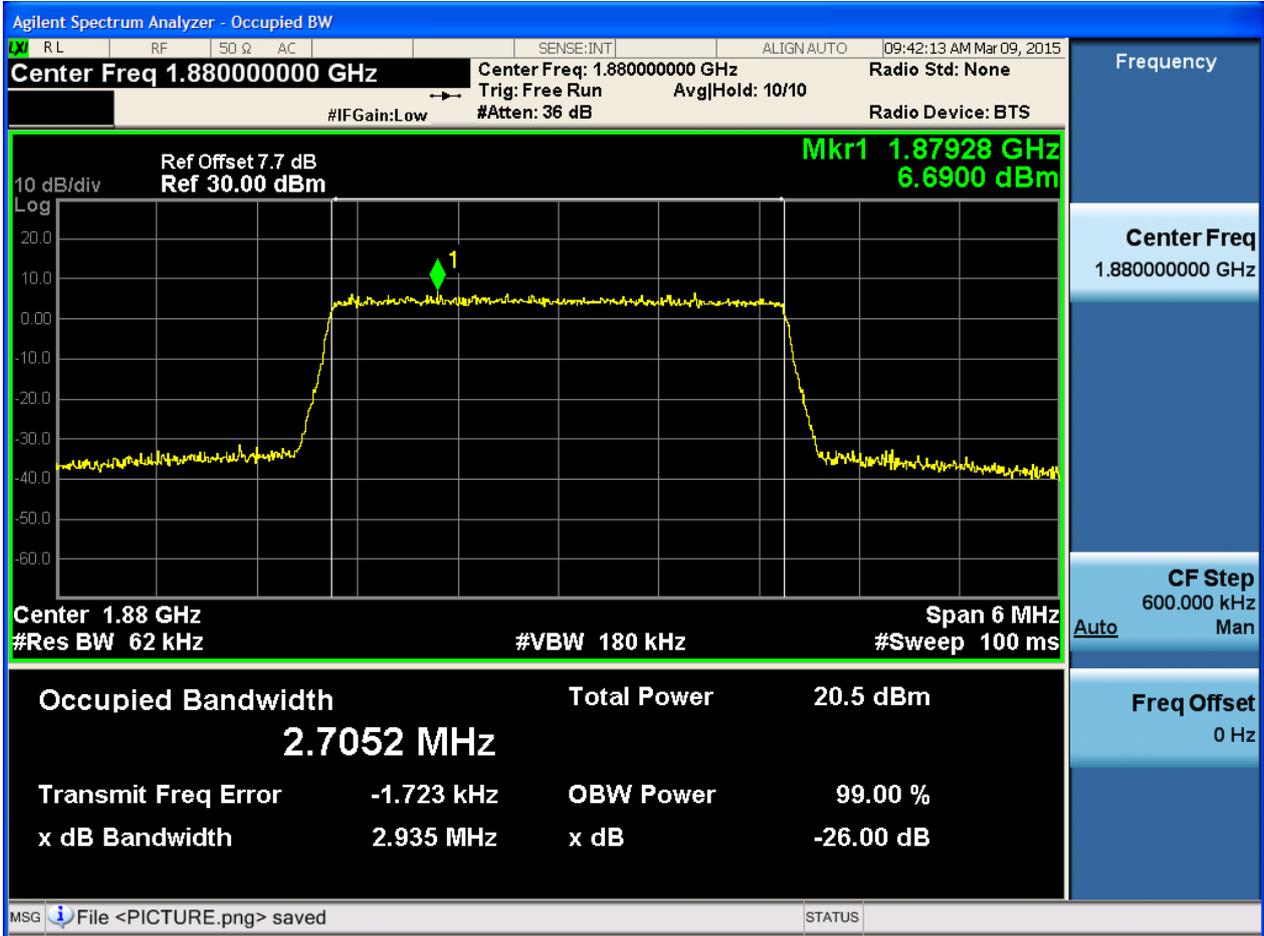
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

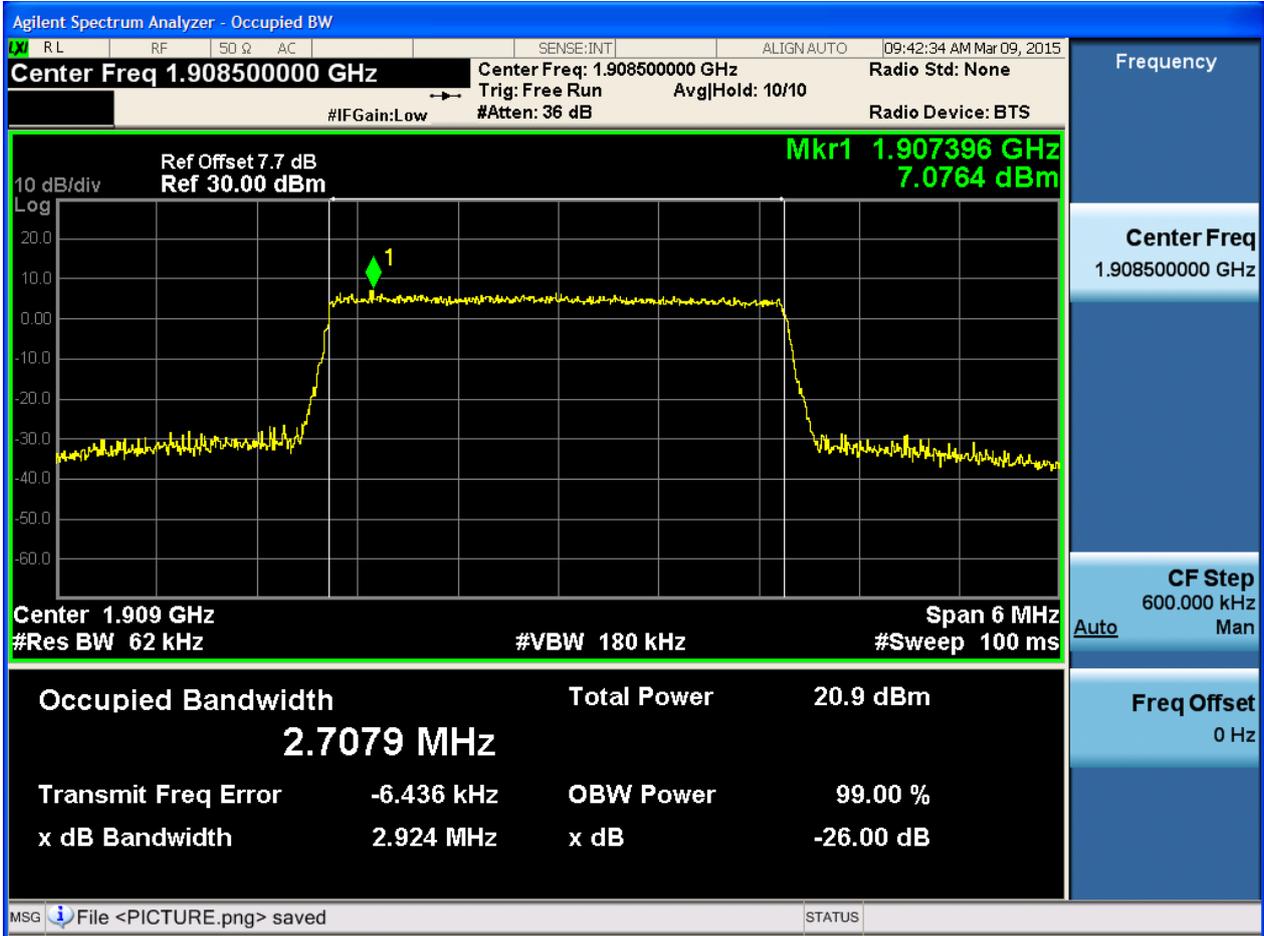
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

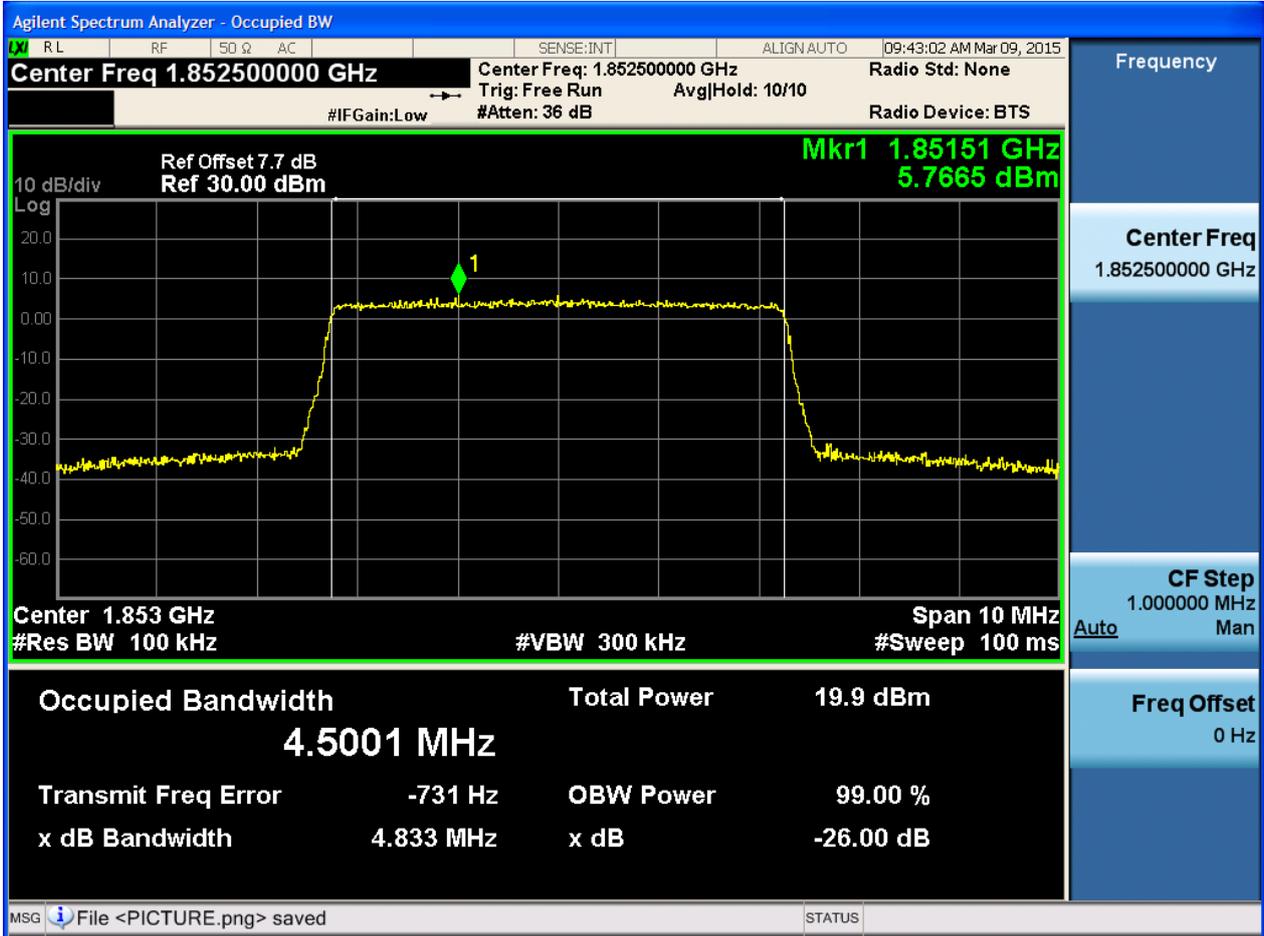




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

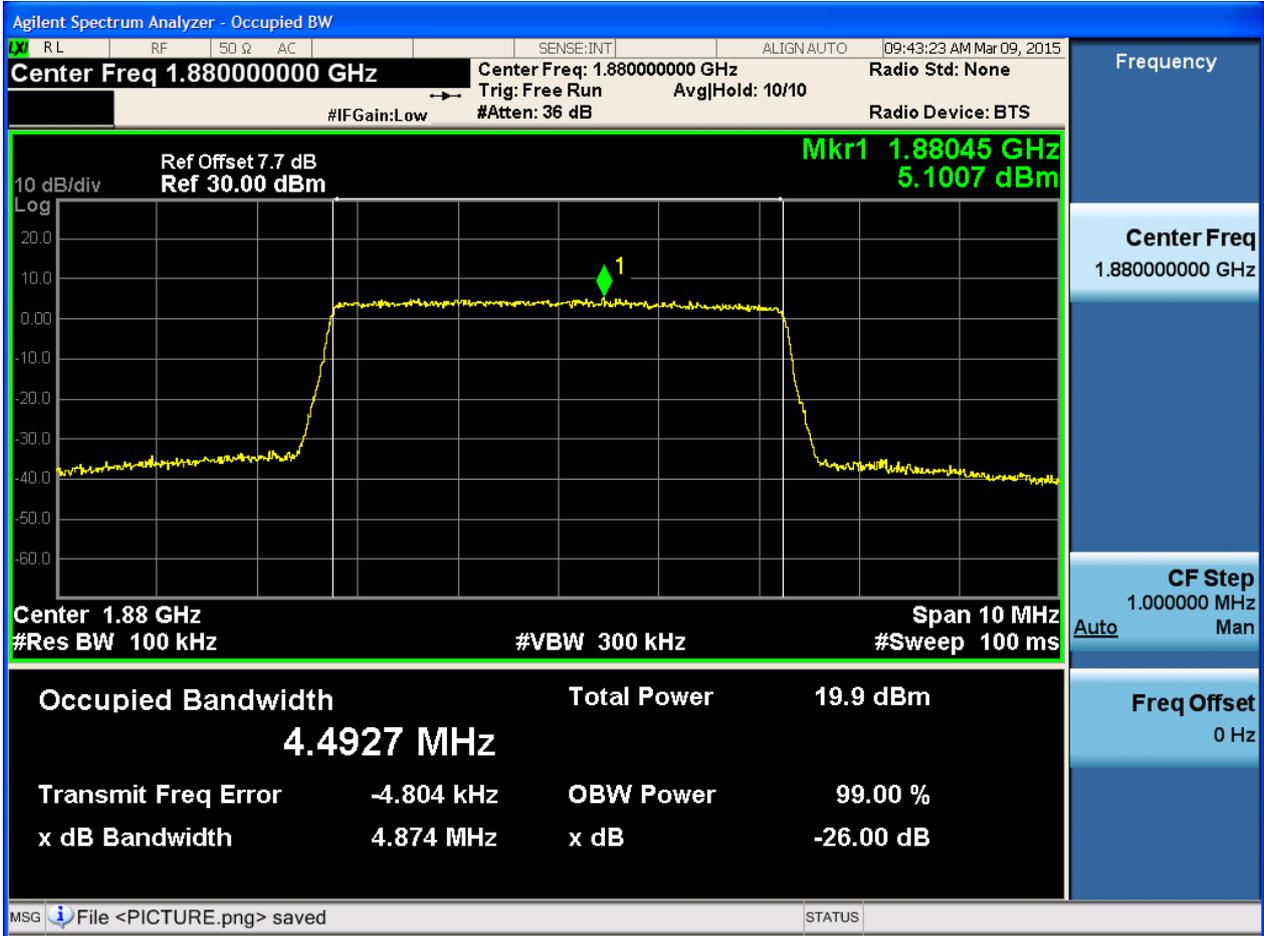
4.1.1.2.3.1.1 Test RB = RB25#0





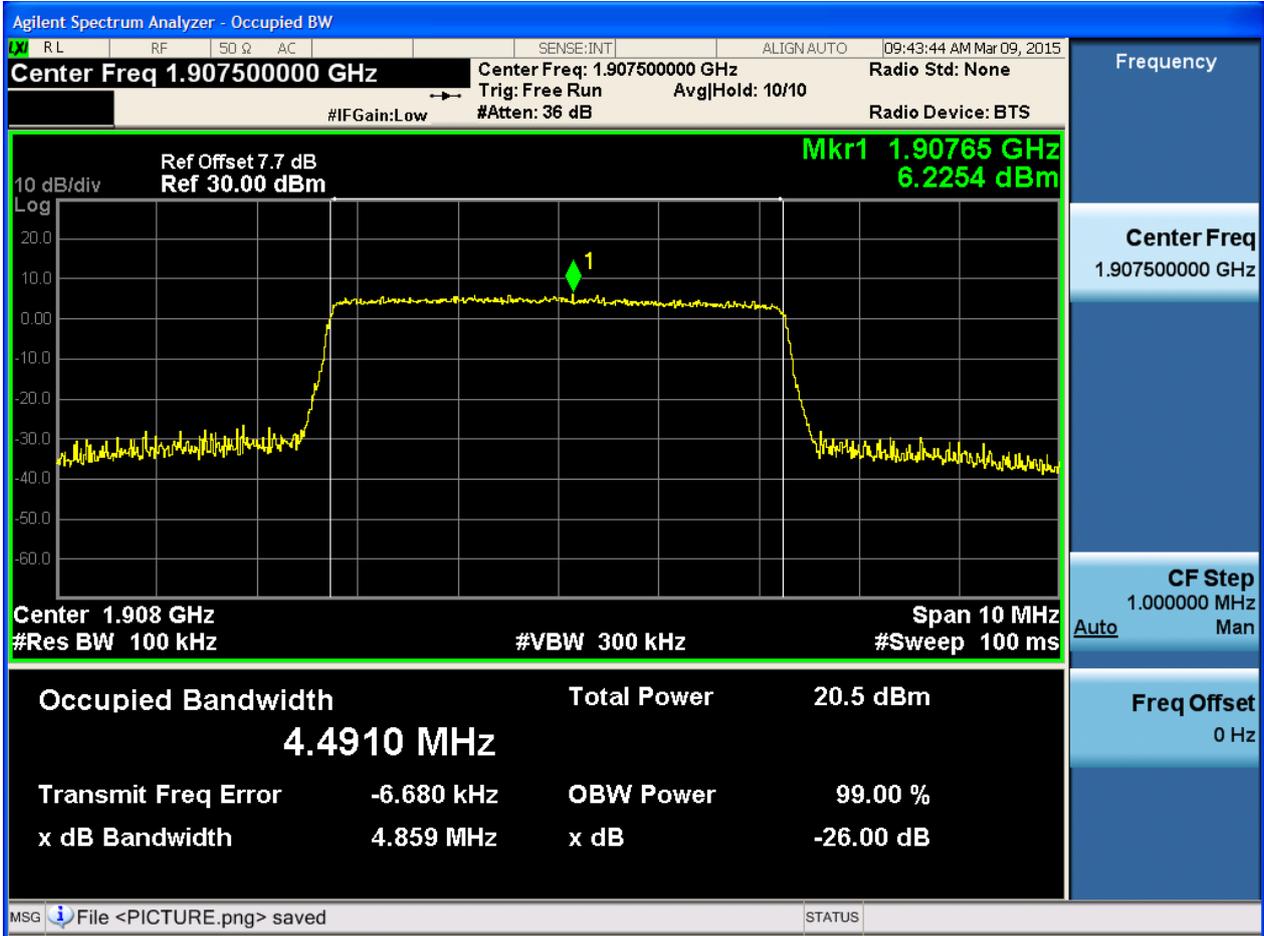
4.1.1.2.3.2 Test Channel = MCH

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

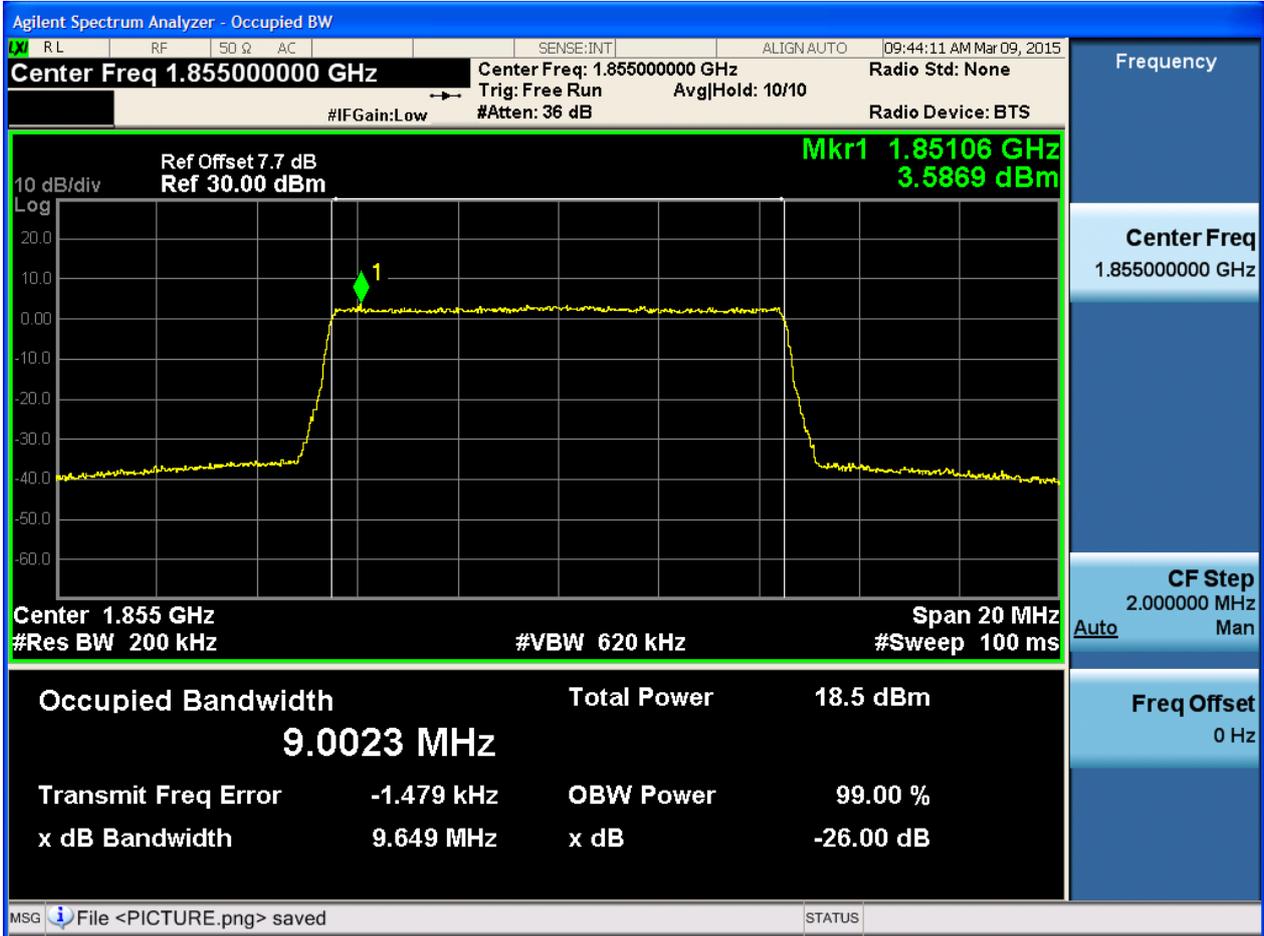




4.1.1.2.4 Test Bandwidth = 10

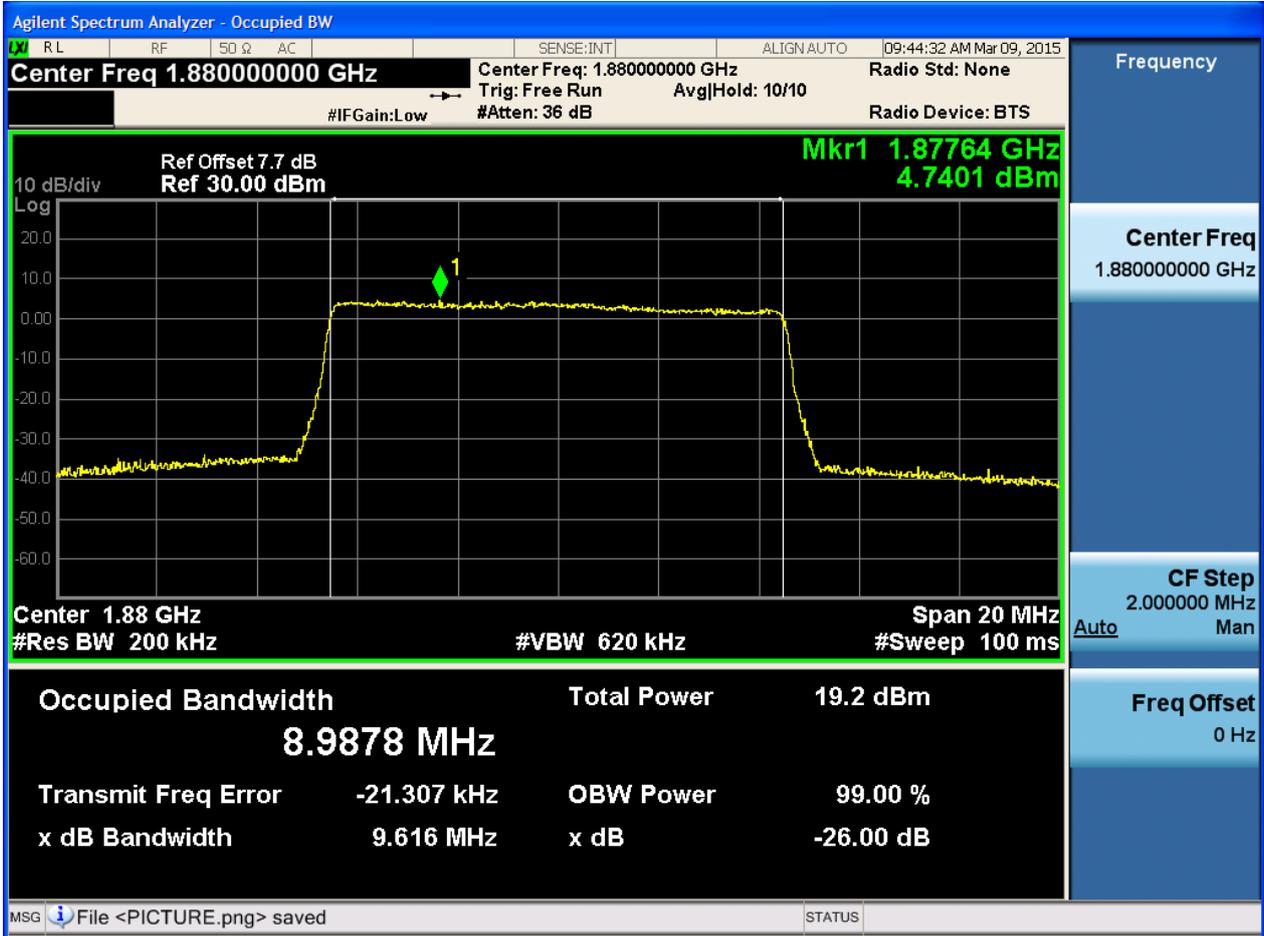
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



4.1.1.2.4.2 Test Channel = MCH

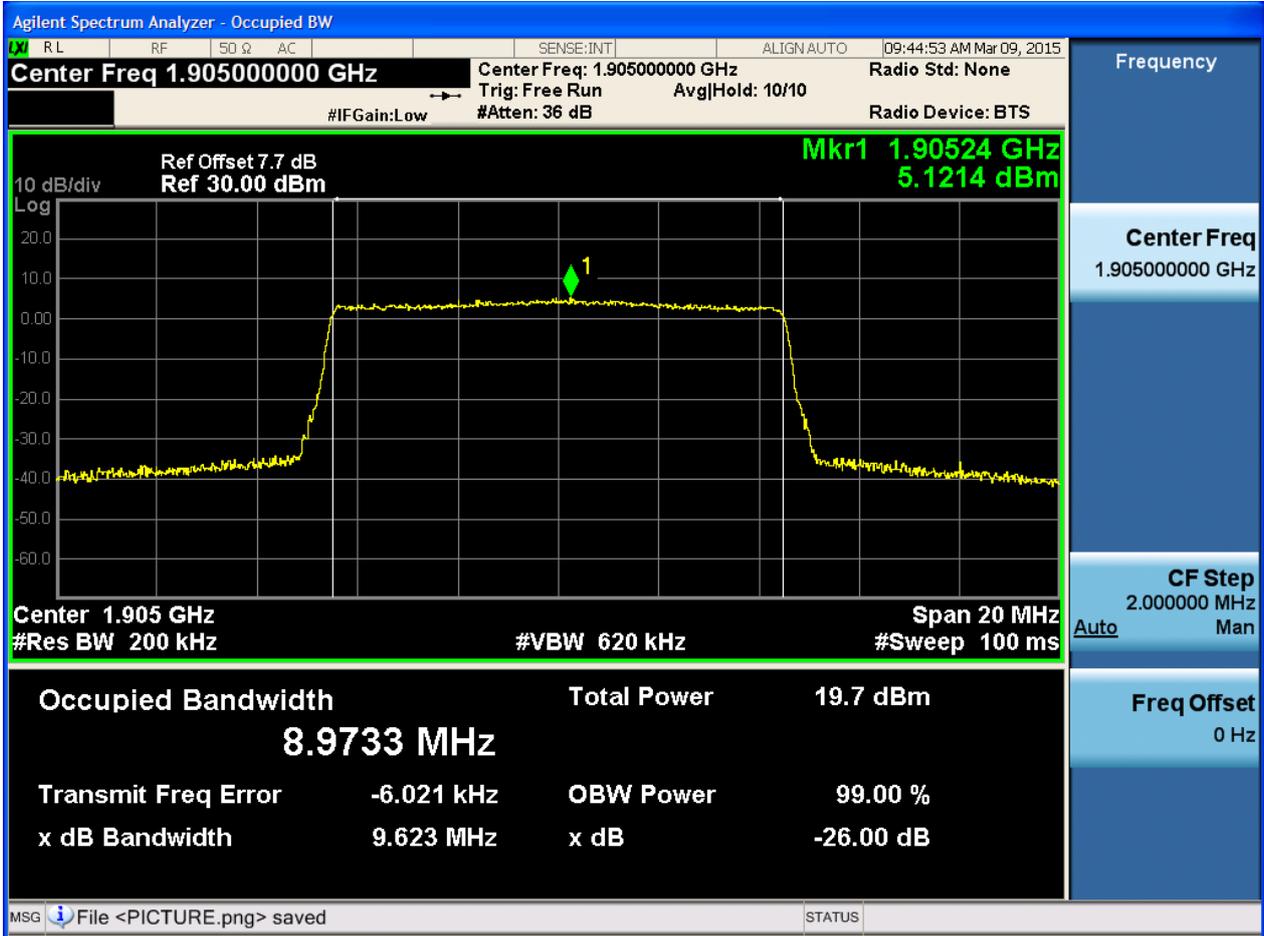
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

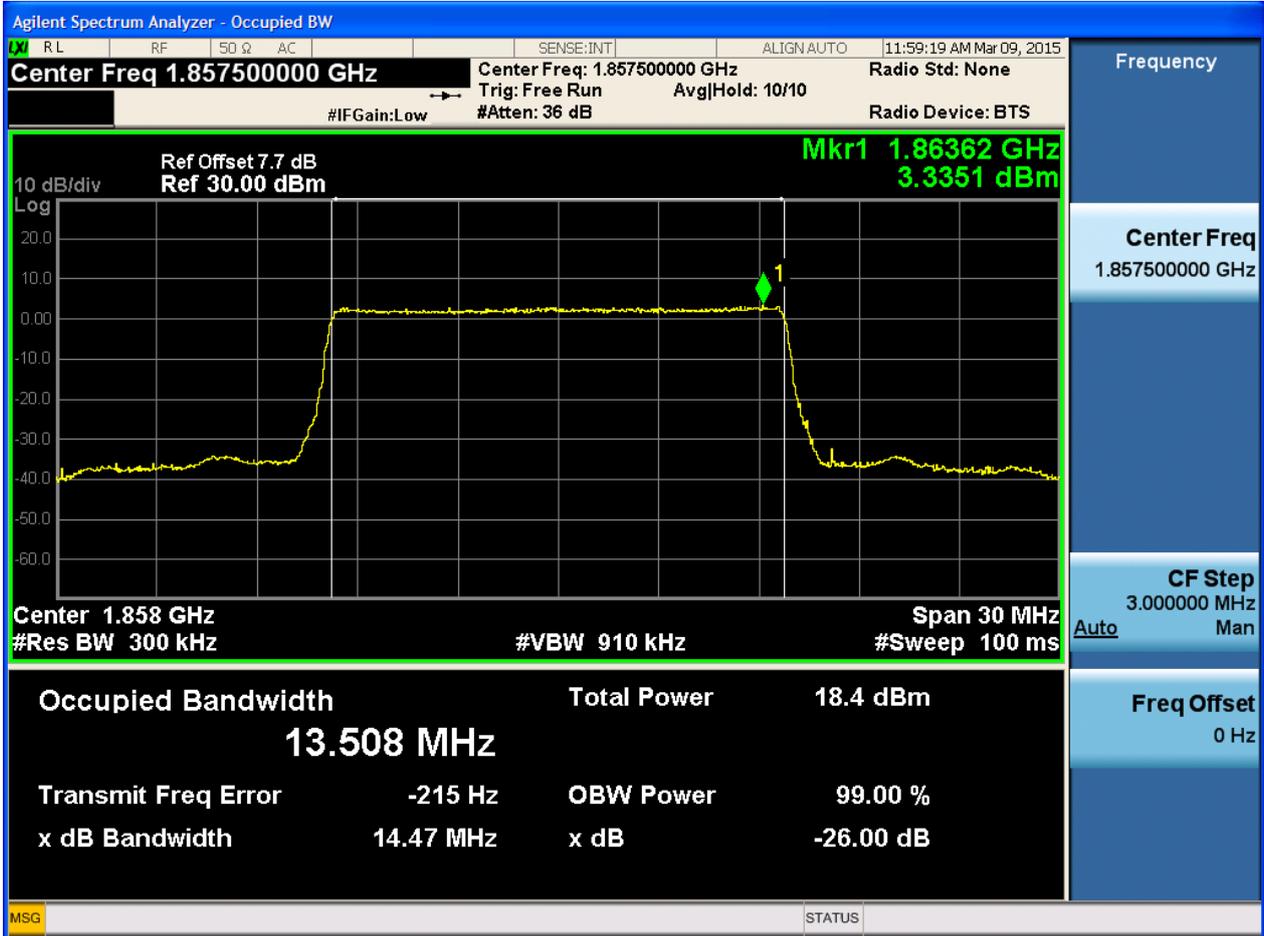




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

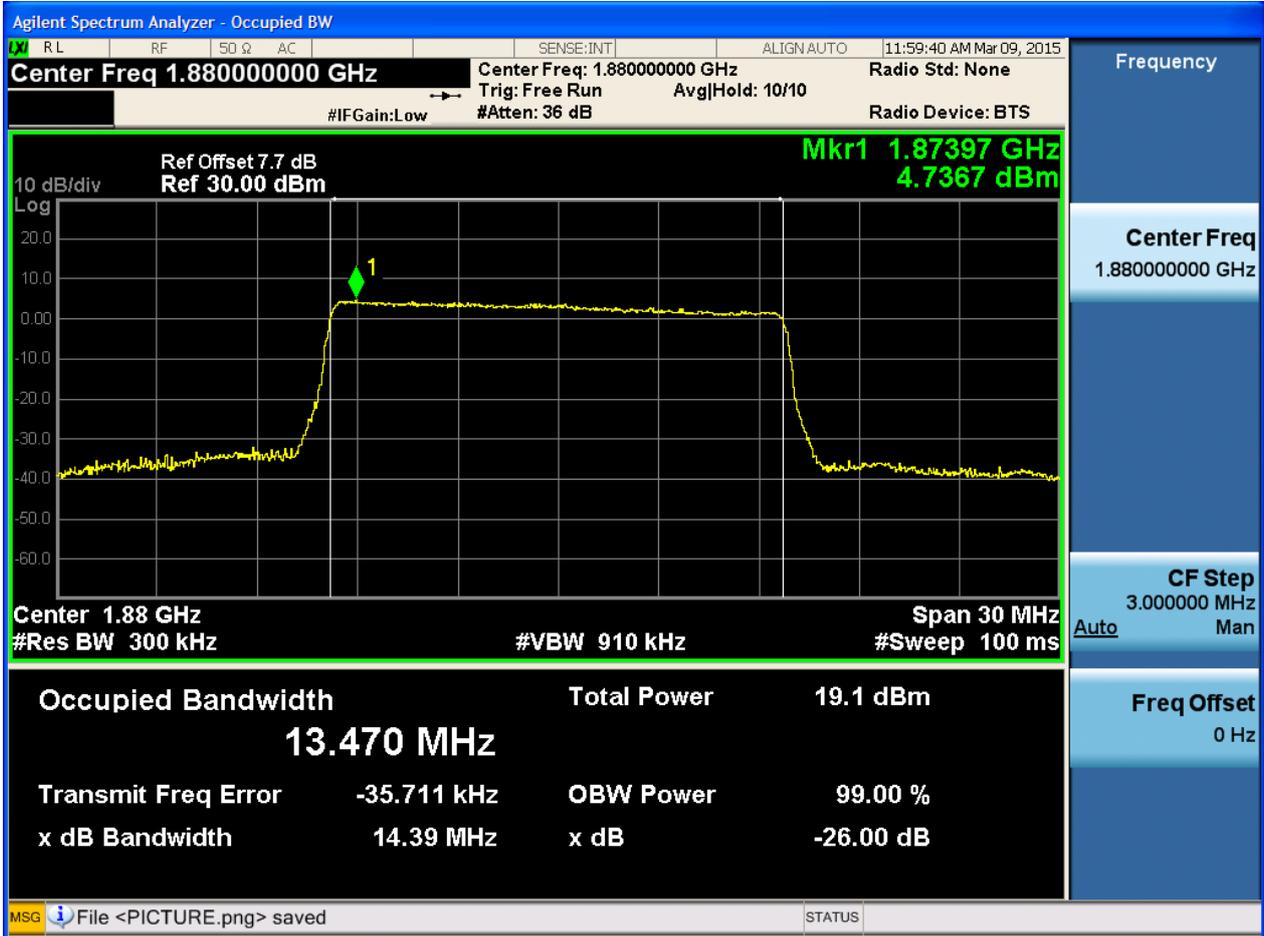
4.1.1.2.5.1.1 Test RB = RB75#0





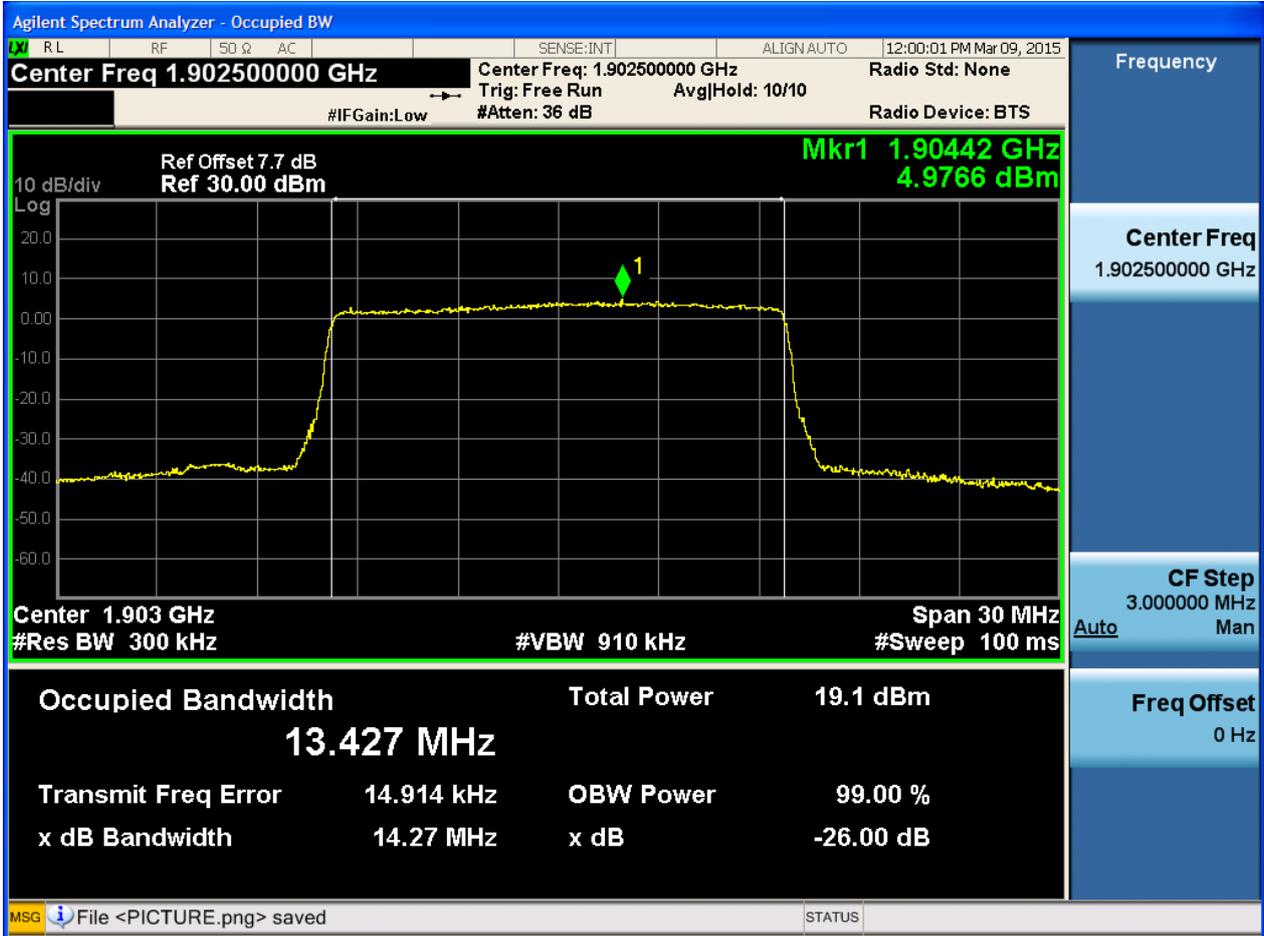
4.1.1.2.5.2 Test Channel = MCH

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

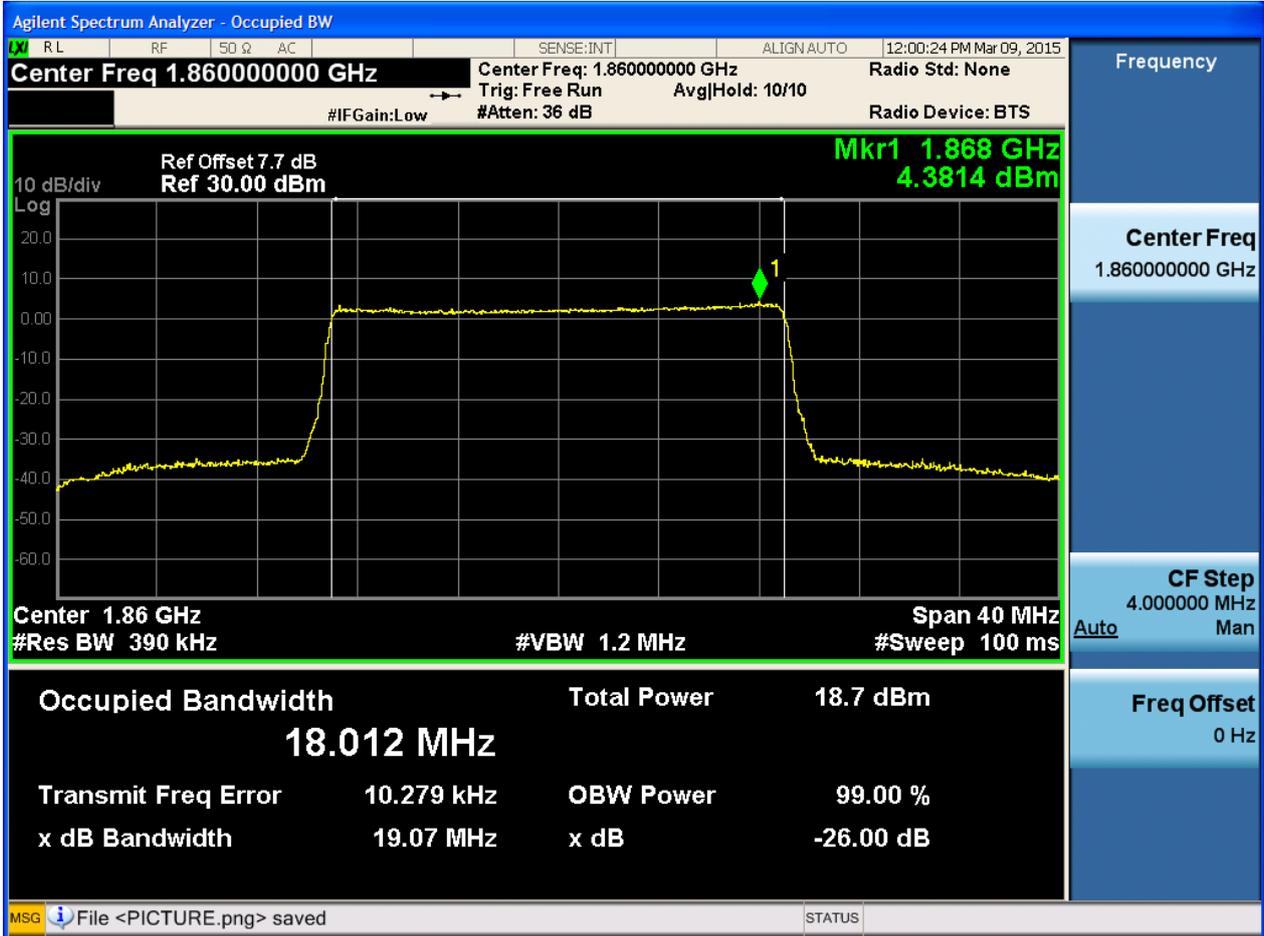




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

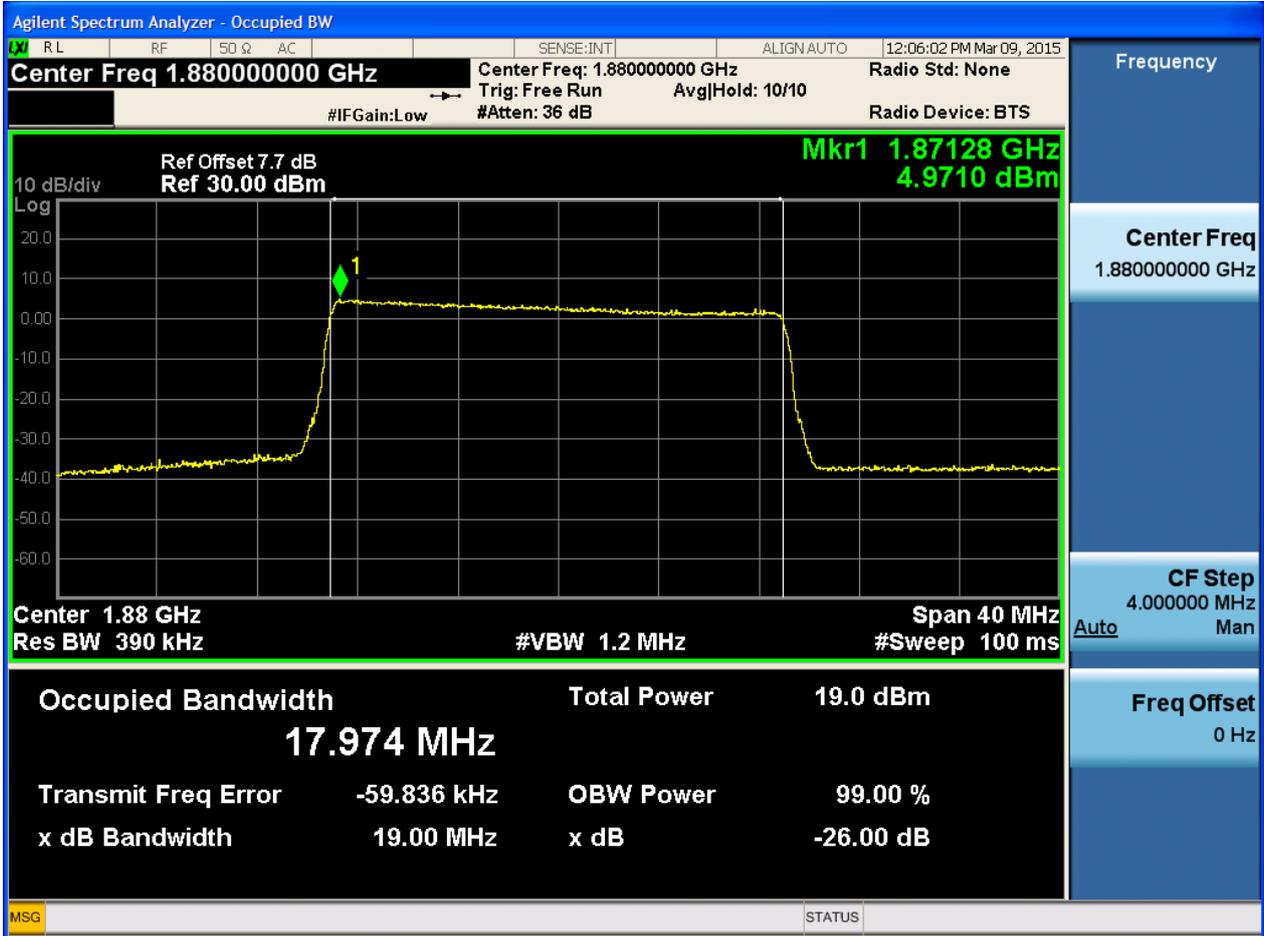
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

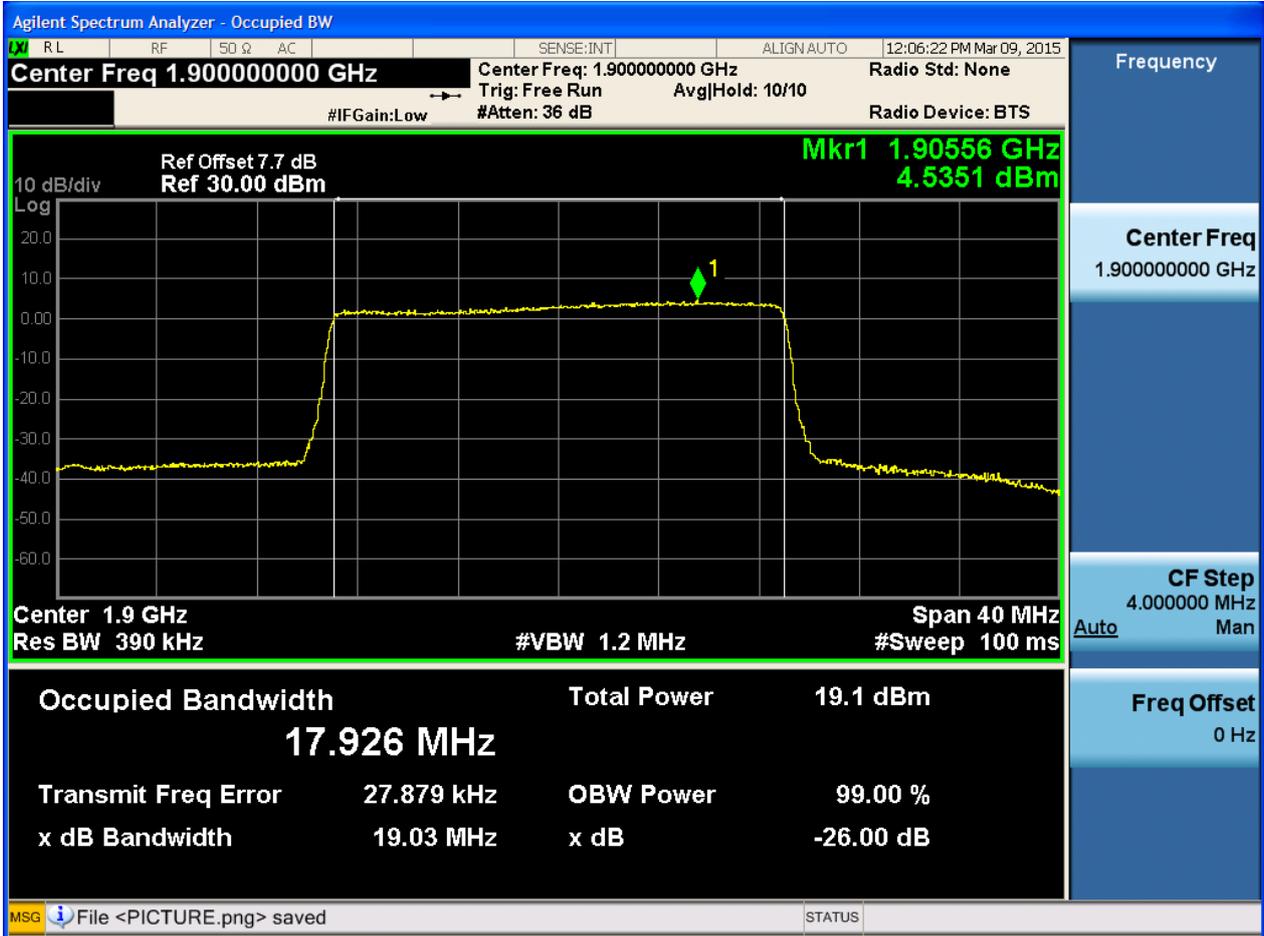
4.1.1.2.6.2.1 Test RB = RB100#0





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

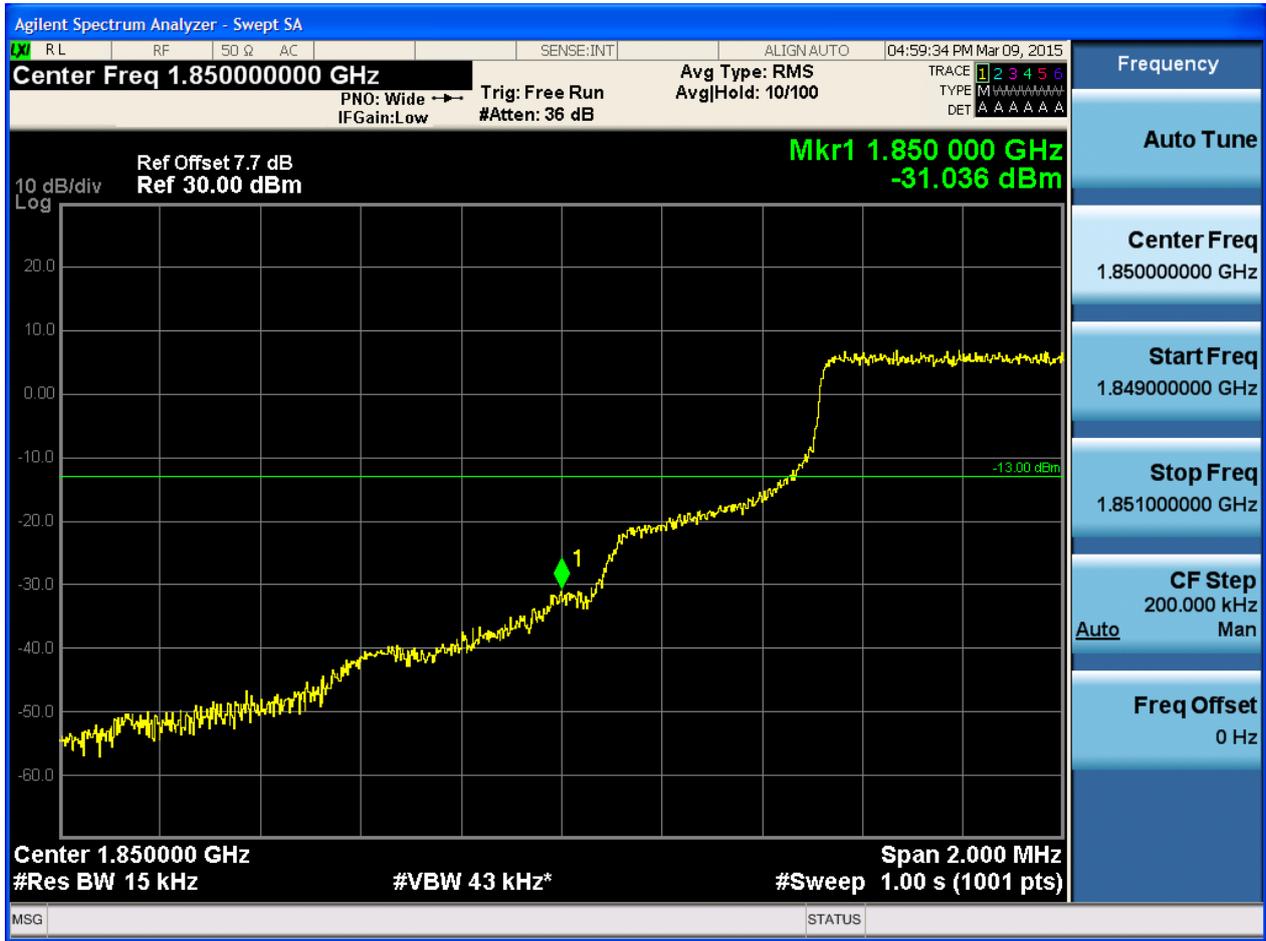


5.1.1.1.1.2 Test RB = RB1#5





5.1.1.1.1.3 Test RB = RB3#2





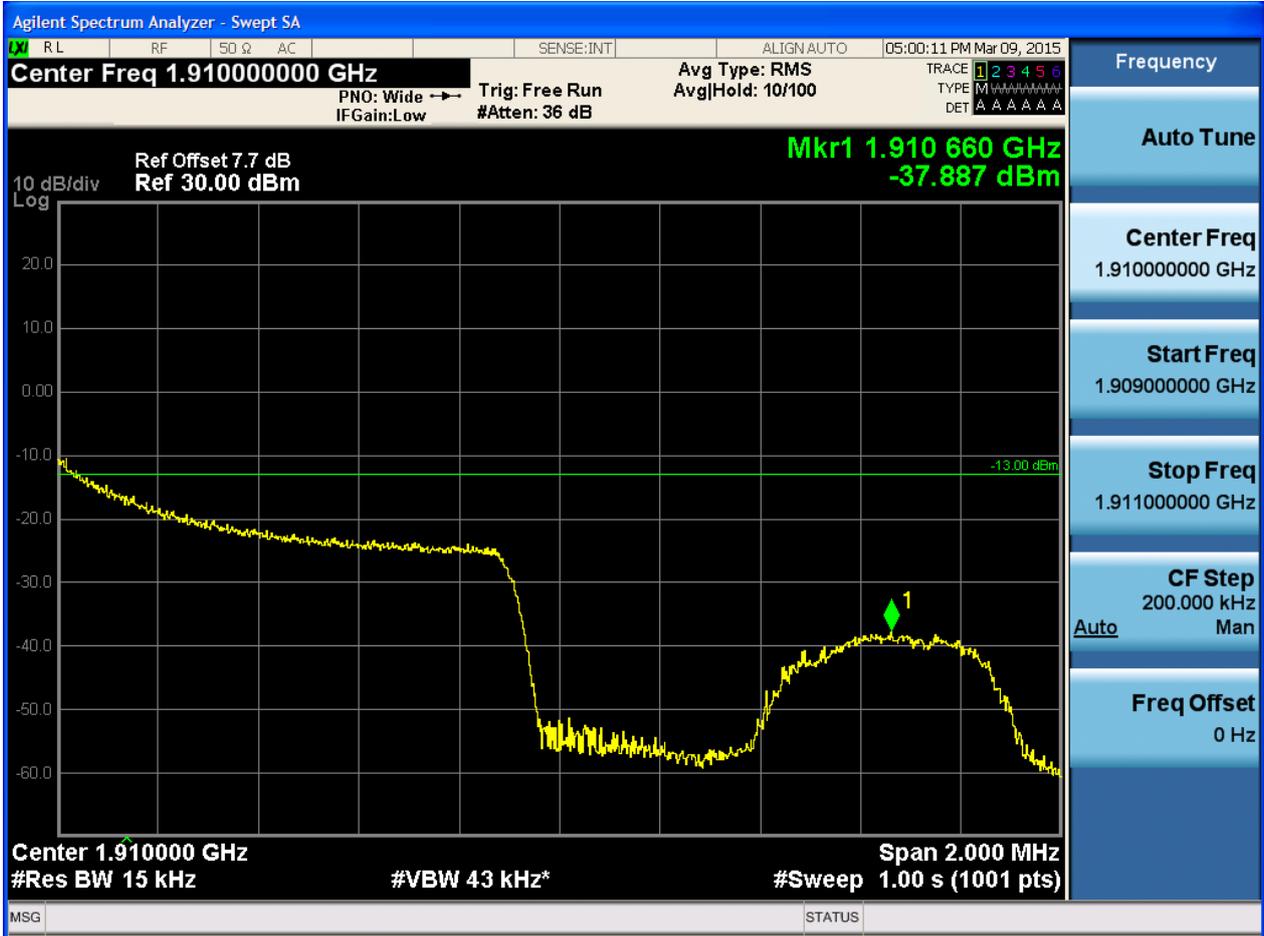
5.1.1.1.1.4 Test RB = RB6#0





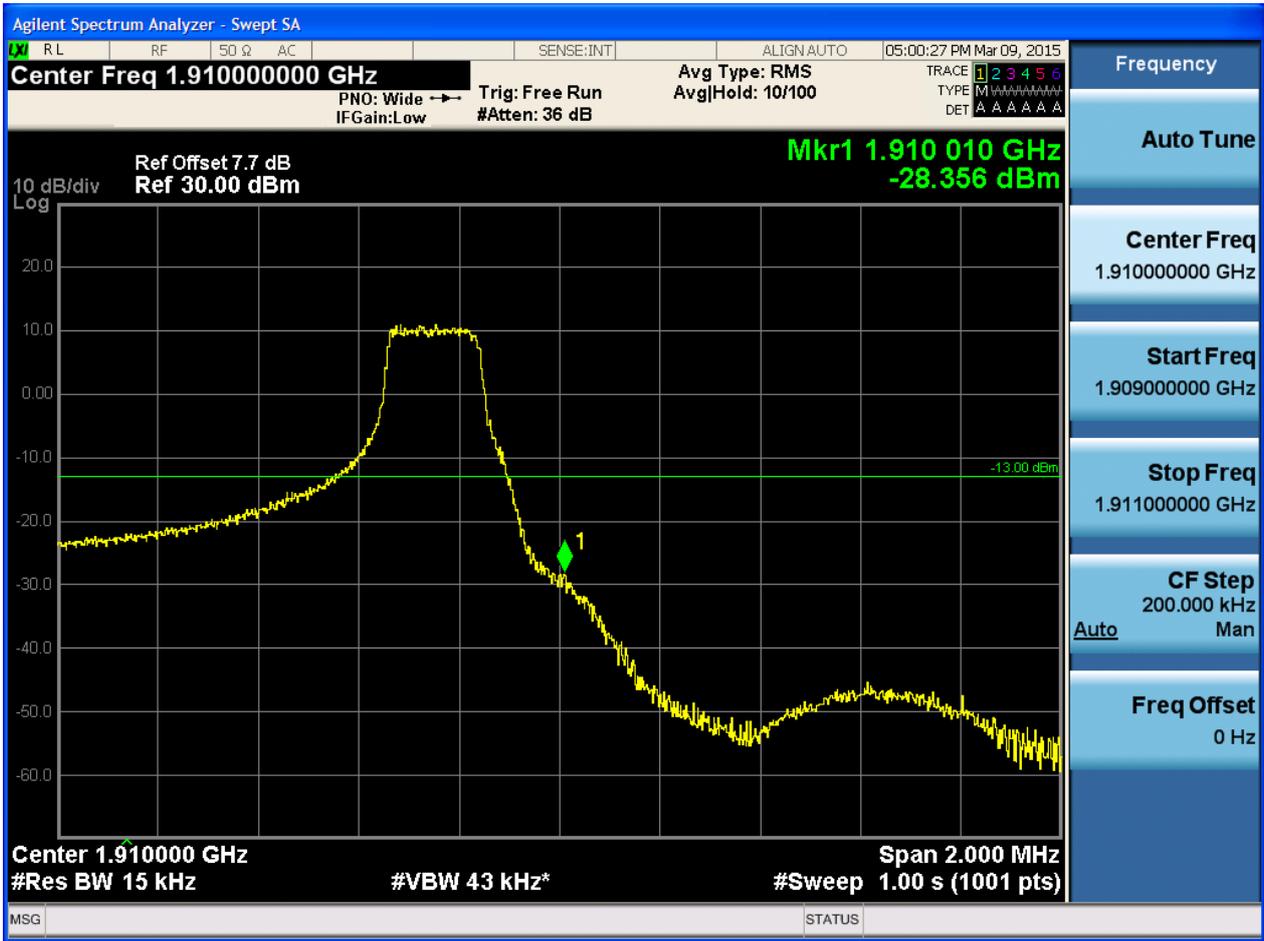
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2

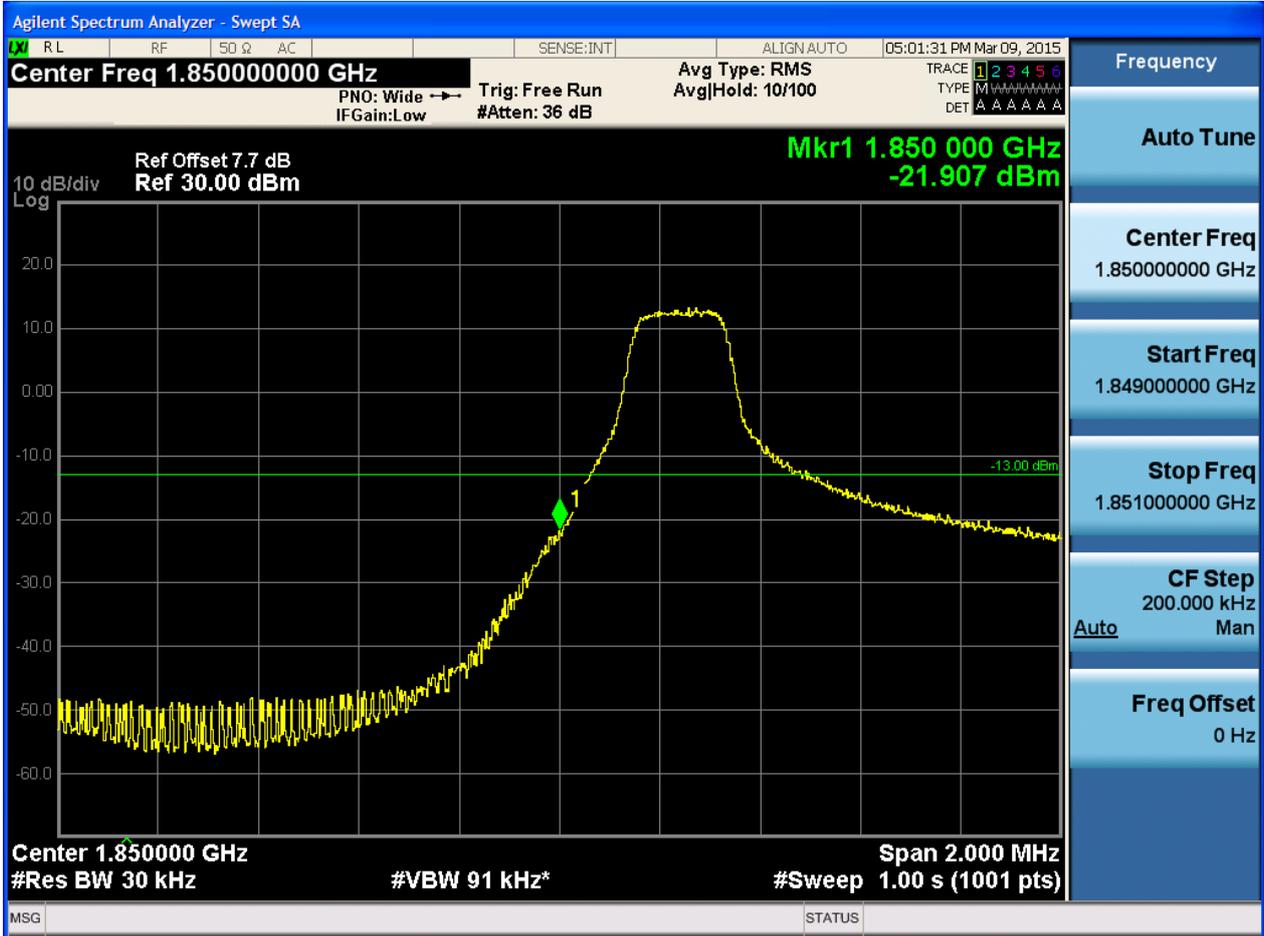




5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





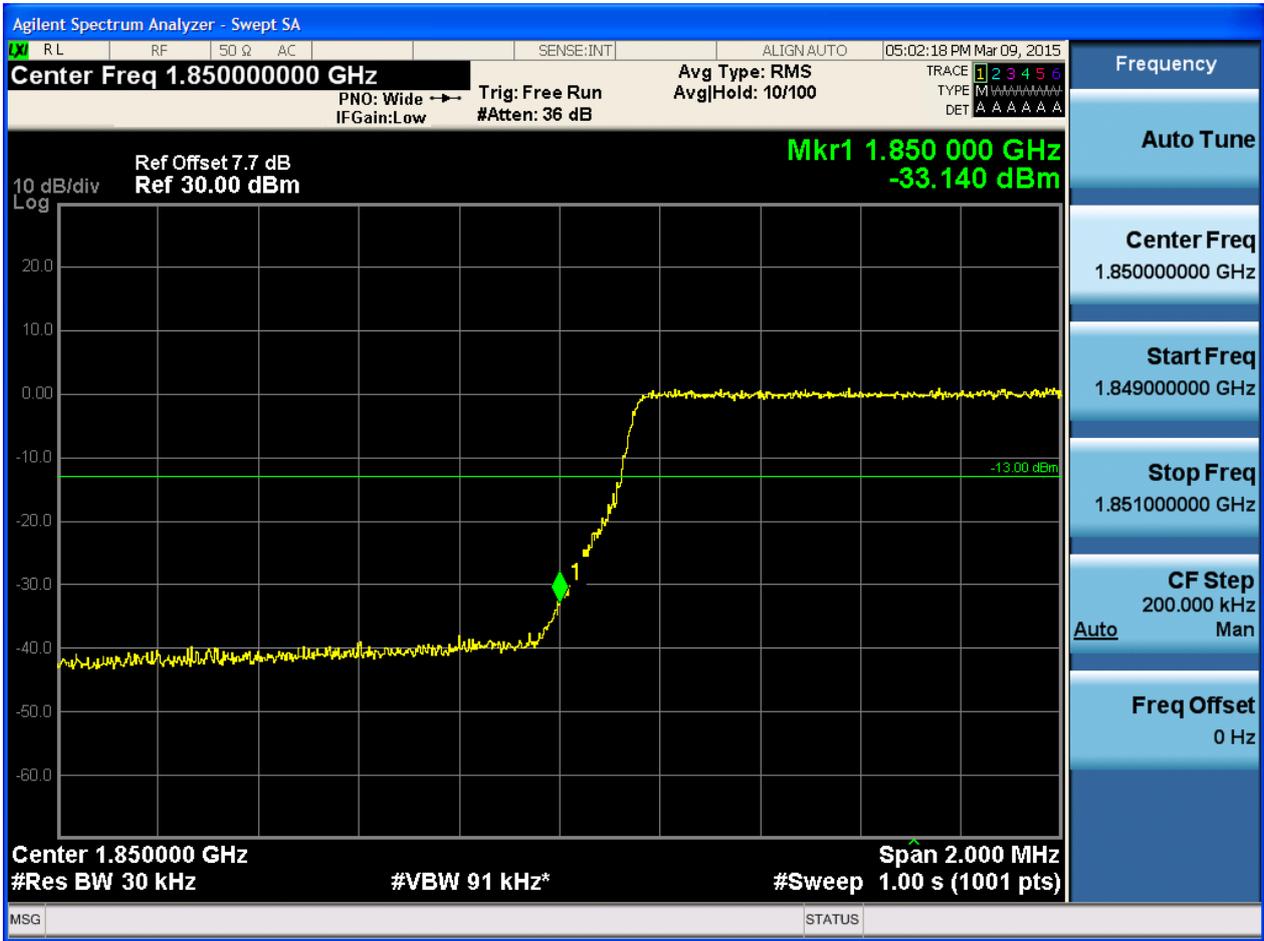


5.1.1.1.2.1.3 Test RB = RB8#4





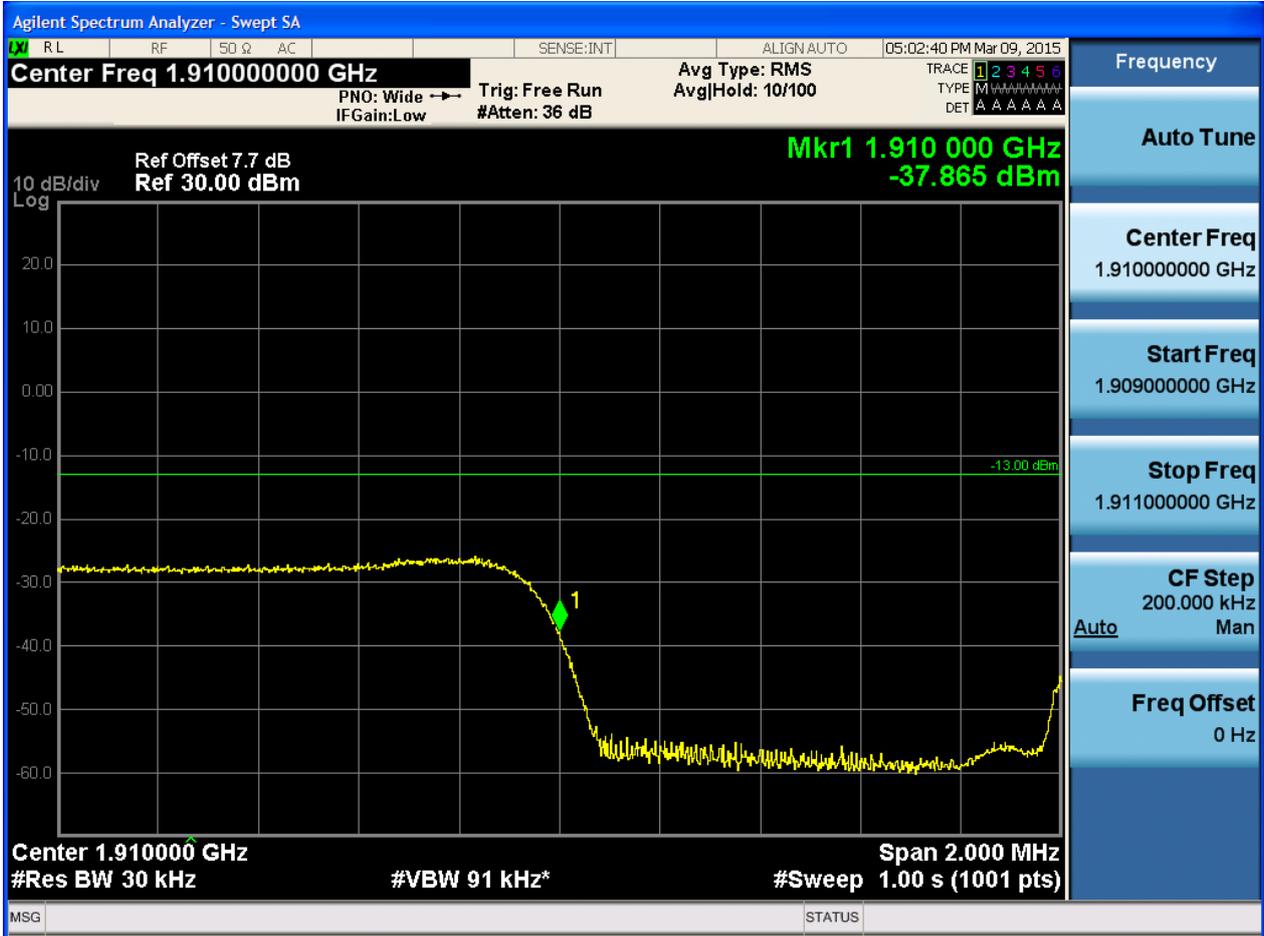
5.1.1.1.2.1.4 Test RB = RB15#0





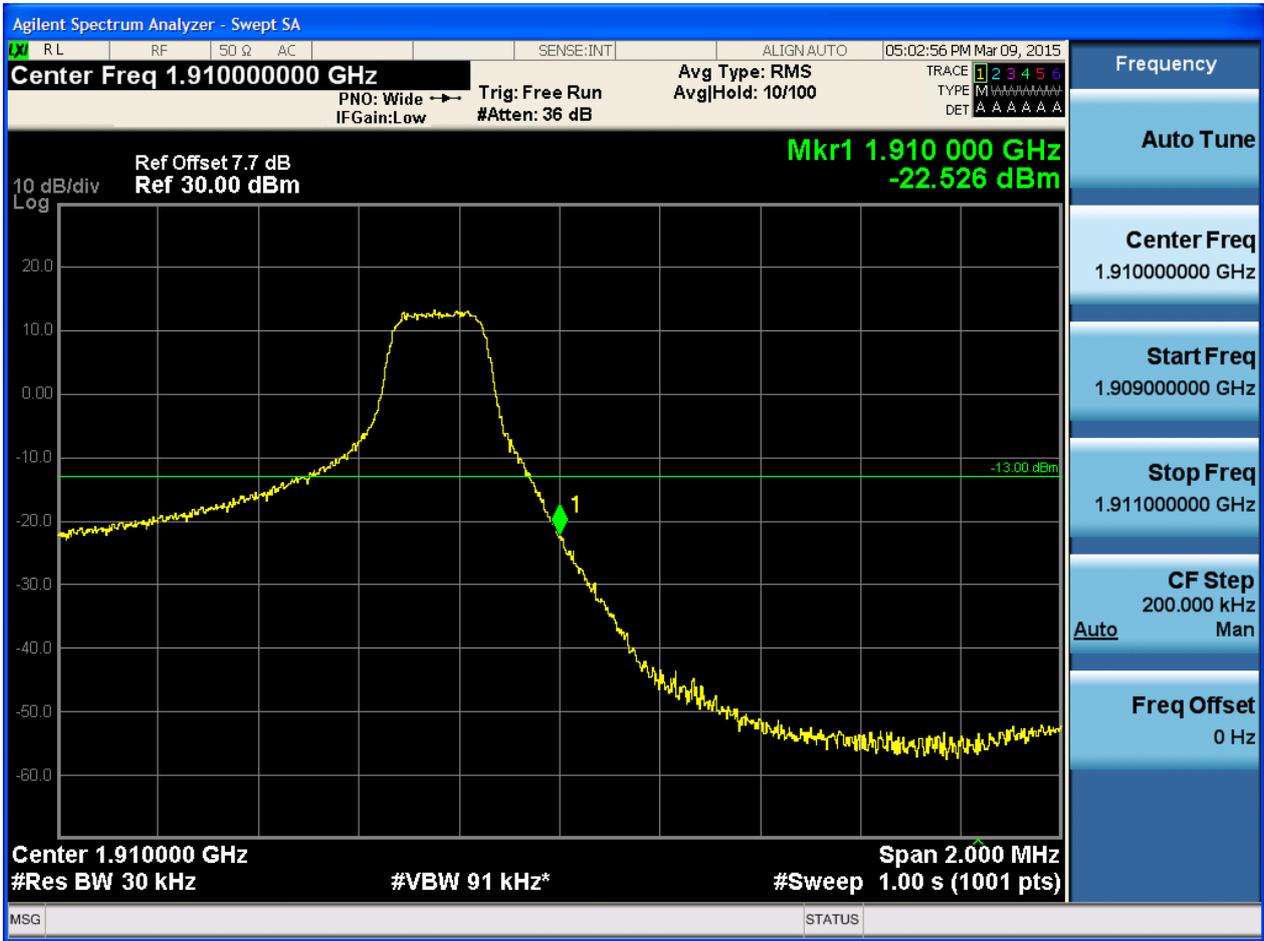
5.1.1.1.2.2 Test Channel = HCH

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

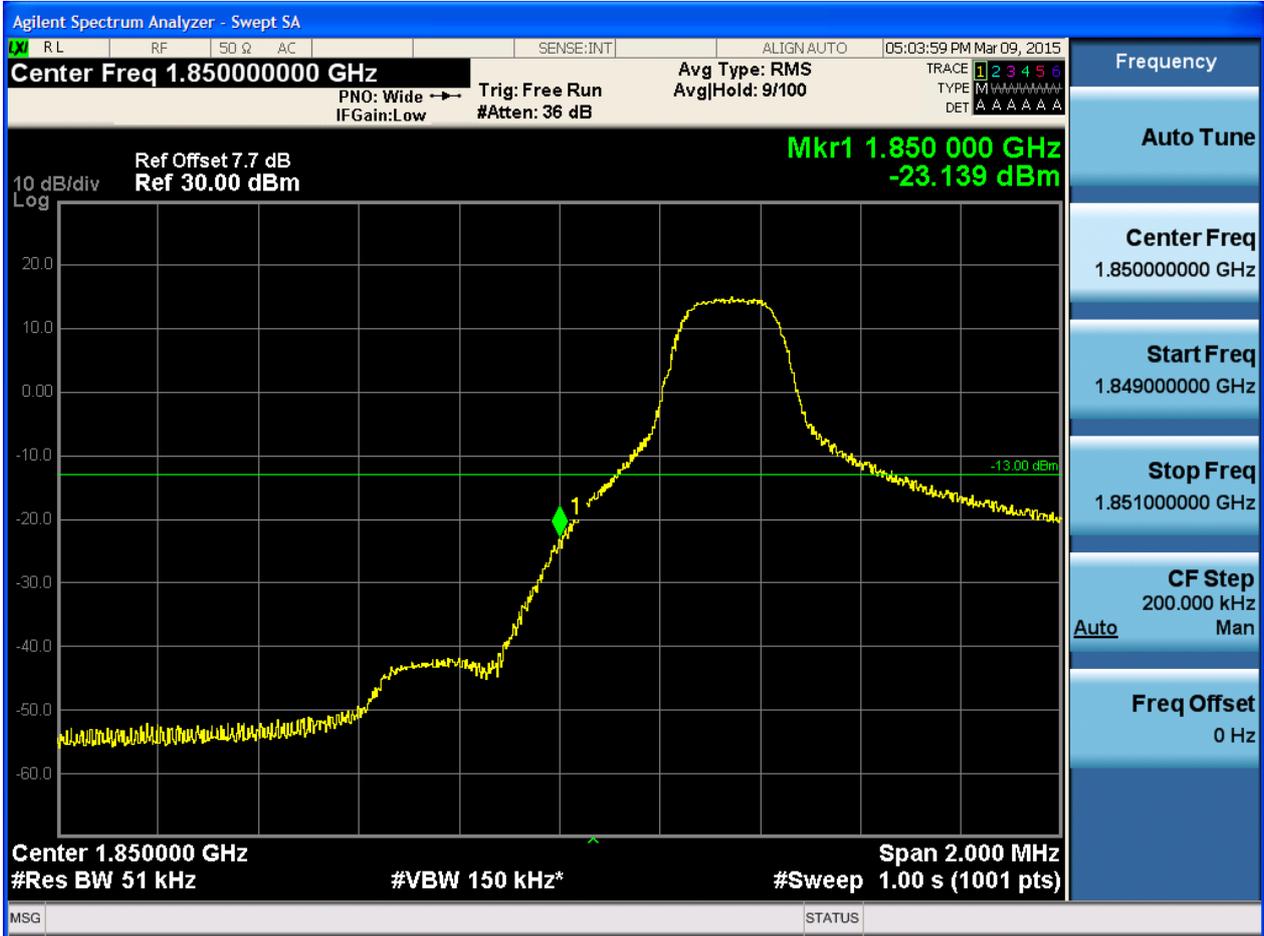




5.1.1.1.3 Test Bandwidth = 5

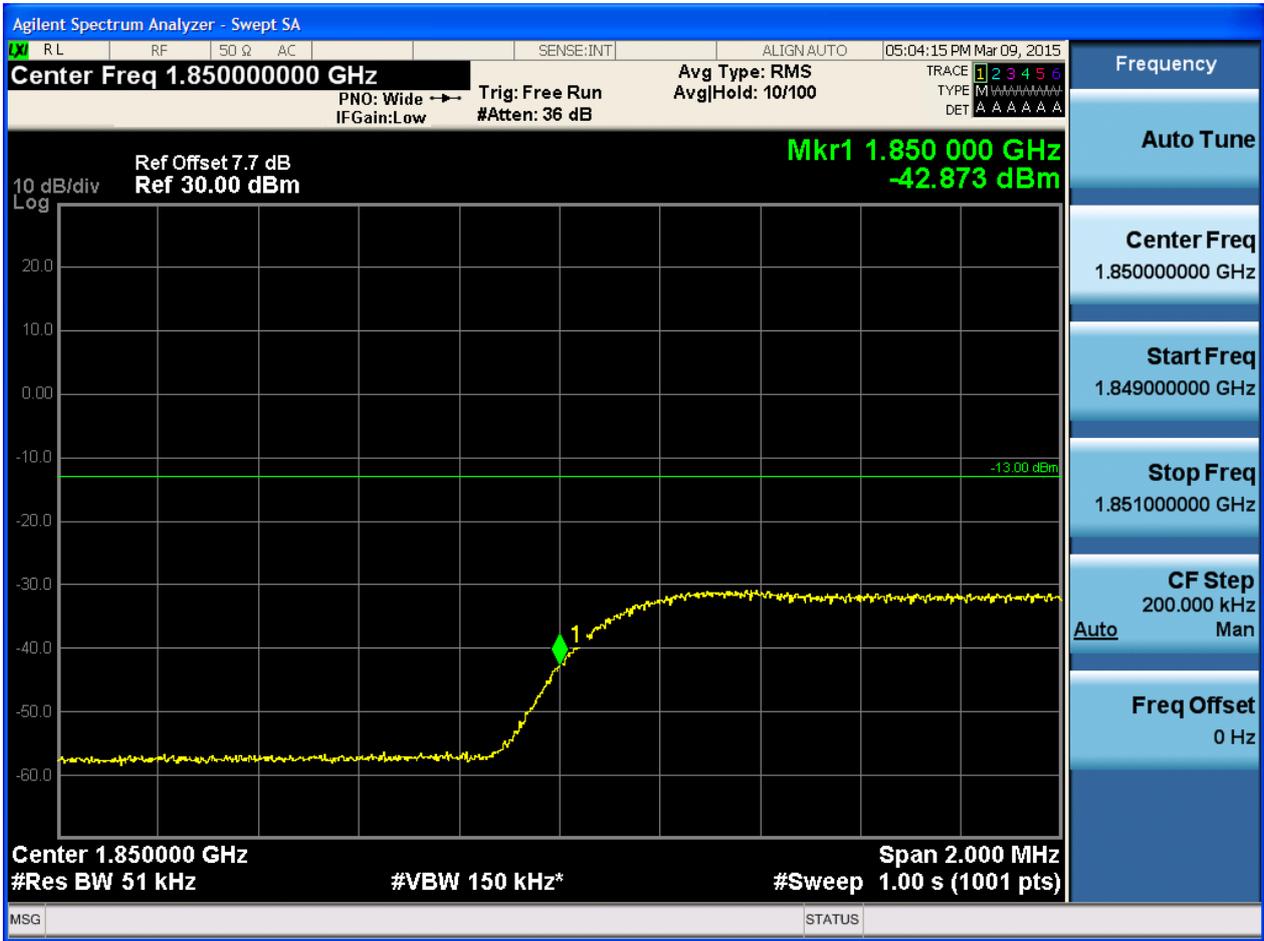
5.1.1.1.3.1 Test Channel = LCH

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

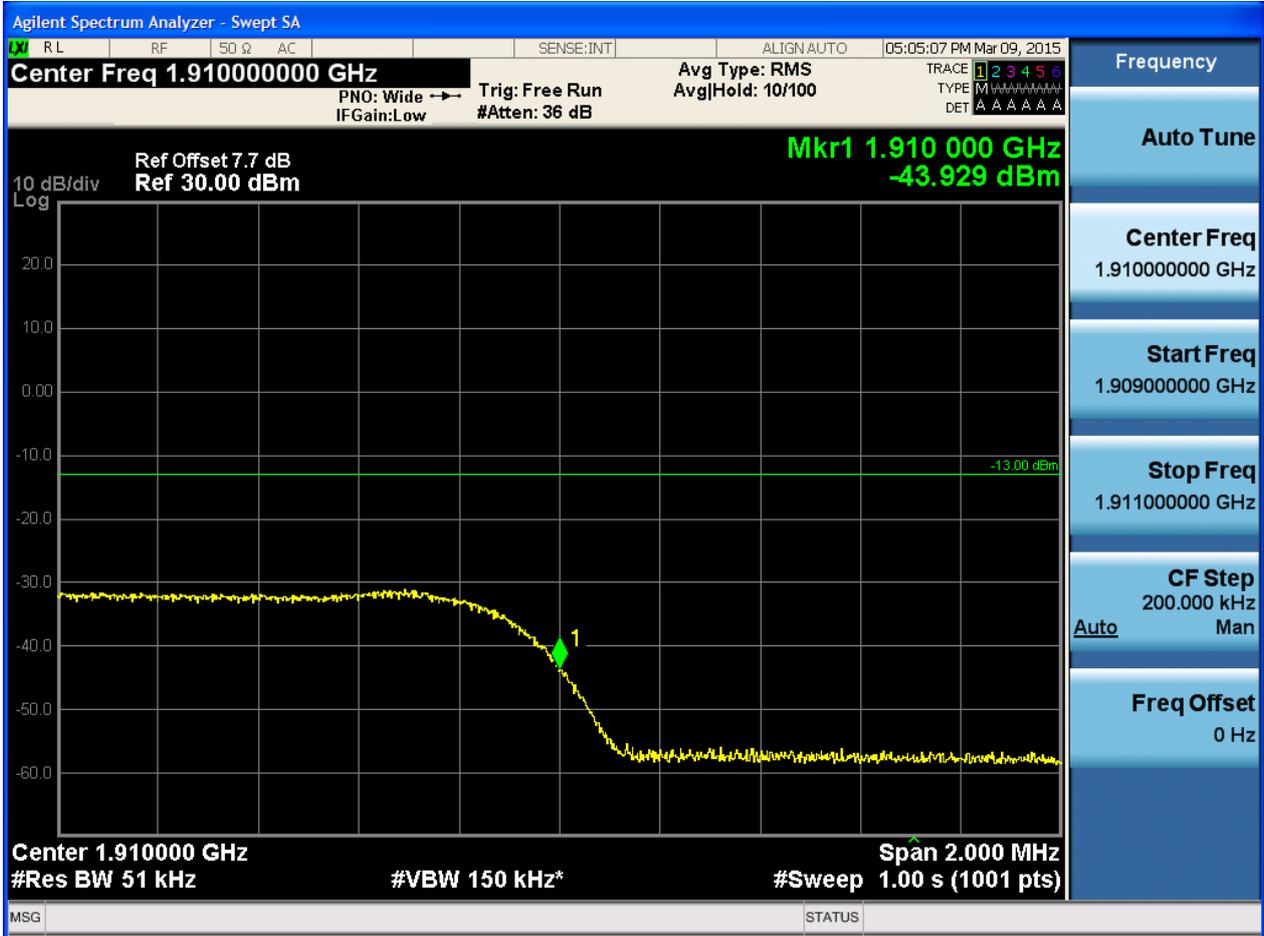






5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0







5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

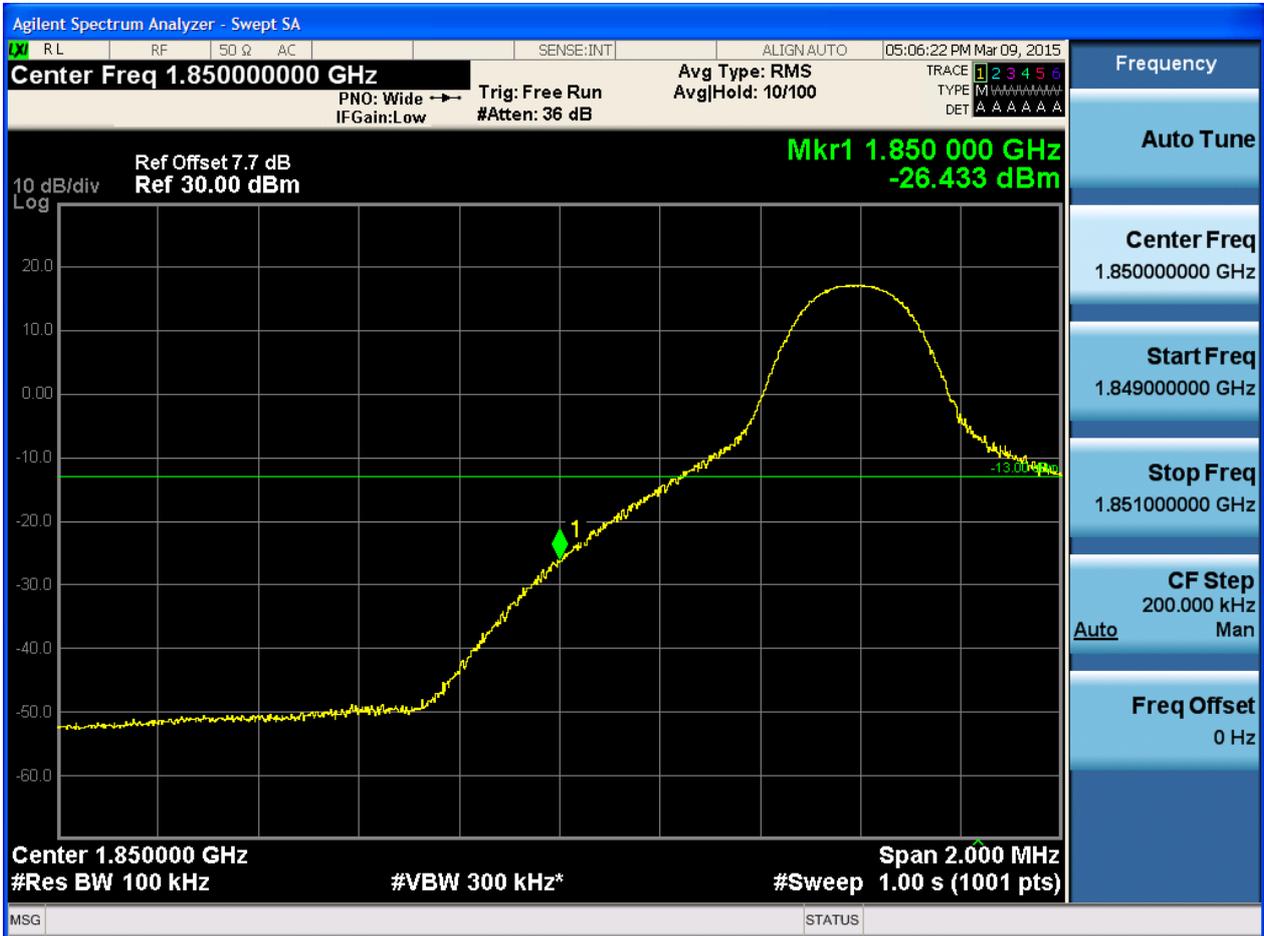




5.1.1.1.4 Test Bandwidth = 10

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

