



# Appendix for test report

**1Appendix\_A: Effective (Isotropic) Radiated Power Output Data****Part I - Test Results**

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB1#0	22.65	21.35	33	PASS
				RB1#3	22.71	21.41	33	PASS
				RB1#5	22.62	21.32	33	PASS
				RB3#0	22.63	21.33	33	PASS
				RB3#2	22.62	21.32	33	PASS
				RB3#3	22.61	21.31	33	PASS
				RB6#0	21.54	20.24	33	PASS
			MCH	RB1#0	22.98	21.68	33	PASS
				RB1#3	22.96	21.66	33	PASS
				RB1#5	22.84	21.54	33	PASS
				RB3#0	23.01	21.71	33	PASS
				RB3#2	22.97	21.67	33	PASS
				RB3#3	22.83	21.53	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB6#0	21.88	20.58	33	PASS
			HCH	RB1#0	23.03	21.73	33	PASS
				RB1#3	22.85	21.55	33	PASS
				RB1#5	22.61	21.31	33	PASS
				RB3#0	22.95	21.65	33	PASS
				RB3#2	22.78	21.48	33	PASS
				RB3#3	22.72	21.42	33	PASS
				RB6#0	21.86	20.56	33	PASS
		3		LCH	RB1#0	22.46	21.16	33
			RB1#7		22.79	21.49	33	PASS
			RB1#14		22.57	21.27	33	PASS
			RB8#0		21.48	20.18	33	PASS
			RB8#4		21.62	20.32	33	PASS
			RB8#7		21.54	20.24	33	PASS
			RB15#0		21.56	20.26	33	PASS
			MCH	RB1#0	22.9	21.6	33	PASS
				RB1#7	22.94	21.64	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dB m]	EIRP[dB m]	Limit [dBm]	Verdict	
				RB1#14	22.73	21.43	33	PASS	
				RB8#0	21.94	20.64	33	PASS	
				RB8#4	21.91	20.61	33	PASS	
				RB8#7	21.76	20.46	33	PASS	
				RB15#0	21.85	20.55	33	PASS	
			HCH	RB1#0	23.11	21.81	33	PASS	
				RB1#7	23.23	21.93	33	PASS	
				RB1#14	22.43	21.13	33	PASS	
				RB8#0	22.2	20.9	33	PASS	
			LCH	RB8#4	22.12	20.82	33	PASS	
				RB8#7	21.85	20.55	33	PASS	
				RB15#0	22.02	20.72	33	PASS	
				5	RB1#0	22.56	21.26	33	PASS
					RB1#13	22.96	21.66	33	PASS
			RB1#24		22.48	21.18	33	PASS	
		RB12#0	21.67		20.37	33	PASS		
		RB12#6	21.78		20.48	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dB m]	EIRP[dB m]	Limit [dBm]	Verdict			
				RB12#13	21.66	20.36	33	PASS			
				RB25#0	21.66	20.36	33	PASS			
			MCH	RB1#0	22.98	21.68	33	PASS			
				RB1#13	23.11	21.81	33	PASS			
				RB1#24	22.65	21.35	33	PASS			
				RB12#0	22.05	20.75	33	PASS			
				RB12#6	22.02	20.72	33	PASS			
				RB12#13	21.8	20.5	33	PASS			
				RB25#0	21.92	20.62	33	PASS			
				HCH	RB1#0	22.84	21.54	33	PASS		
			RB1#13		23.36	22.06	33	PASS			
			RB1#24		22.39	21.09	33	PASS			
			RB12#0		22.06	20.76	33	PASS			
			RB12#6		22.27	20.97	33	PASS			
			RB12#13		21.98	20.68	33	PASS			
							RB25#0	21.95	20.65	33	PASS
					10	LCH	RB1#0	22.86	21.56	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	22.79	21.49	33	PASS
				RB1#49	23.06	21.76	33	PASS
				RB25#0	21.65	20.35	33	PASS
				RB25#13	21.62	20.32	33	PASS
				RB25#25	21.6	20.3	33	PASS
				RB50#0	21.68	20.38	33	PASS
			MCH	RB1#0	23.56	22.26	33	PASS
				RB1#25	23.12	21.82	33	PASS
				RB1#49	23.09	21.79	33	PASS
				RB25#0	22	20.7	33	PASS
				RB25#13	21.94	20.64	33	PASS
				RB25#25	21.75	20.45	33	PASS
				RB50#0	21.73	20.43	33	PASS
			HCH	RB1#0	23	21.7	33	PASS
				RB1#25	23.1	21.8	33	PASS
				RB1#49	22.92	21.62	33	PASS
				RB25#0	21.94	20.64	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB25#13	21.91	20.61	33	PASS	
				RB25#25	21.74	20.44	33	PASS	
				RB50#0	21.63	20.33	33	PASS	
		15	LCH	RB1#0	22.32	21.02	33	PASS	
				RB1#38	22.91	21.61	33	PASS	
				RB1#74	22.56	21.26	33	PASS	
				RB38#0	21.6	20.3	33	PASS	
				RB38#19	21.71	20.41	33	PASS	
				RB38#39	21.79	20.49	33	PASS	
				RB75#0	21.7	20.4	33	PASS	
				MCH	RB1#0	22.55	21.25	33	PASS
					RB1#38	23.15	21.85	33	PASS
					RB1#74	22.34	21.04	33	PASS
					RB38#0	21.96	20.66	33	PASS
					RB38#19	21.8	20.5	33	PASS
RB38#39	21.72	20.42	33		PASS				
RB75#0	21.98	20.68	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.64	21.34	33	PASS
				RB1#38	22.89	21.59	33	PASS
				RB1#74	22.28	20.98	33	PASS
				RB38#0	21.95	20.65	33	PASS
				RB38#19	21.99	20.69	33	PASS
				RB38#39	21.65	20.35	33	PASS
				RB75#0	21.57	20.27	33	PASS
		20	LCH	RB1#0	21.59	20.29	33	PASS
				RB1#50	23.19	21.89	33	PASS
				RB1#99	22.75	21.45	33	PASS
				RB50#0	21.56	20.26	33	PASS
				RB50#25	21.94	20.64	33	PASS
				RB50#50	21.98	20.68	33	PASS
				RB100#0	21.63	20.33	33	PASS
			MCH	RB1#0	21.86	20.56	33	PASS
				RB1#50	23.13	21.83	33	PASS
				RB1#99	22.8	21.5	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	21.82	20.52	33	PASS
				RB50#25	21.72	20.42	33	PASS
				RB50#50	21.49	20.19	33	PASS
				RB100#0	21.77	20.47	33	PASS
			HCH	RB1#0	21.89	20.59	33	PASS
				RB1#50	22.94	21.64	33	PASS
				RB1#99	22.74	21.44	33	PASS
				RB50#0	21.71	20.41	33	PASS
				RB50#25	22.07	20.77	33	PASS
				RB50#50	21.2	19.9	33	PASS
				RB100#0	21.46	20.16	33	PASS
				LCH	RB1#0	21.81	20.51	33
			RB1#3		21.69	20.39	33	PASS
			RB1#5		21.84	20.54	33	PASS
RB3#0	21.57	20.27	33		PASS			
RB3#2	21.67	20.37	33		PASS			
RB3#3	21.64	20.34	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB6#0	20.4	19.1	33	PASS
			MCH	RB1#0	22.06	20.76	33	PASS
				RB1#3	22.05	20.75	33	PASS
				RB1#5	21.9	20.6	33	PASS
				RB3#0	21.94	20.64	33	PASS
				RB3#2	21.96	20.66	33	PASS
				RB3#3	21.82	20.52	33	PASS
				RB6#0	21.05	19.75	33	PASS
				HCH	RB1#0	22.25	20.95	33
			RB1#3		22.01	20.71	33	PASS
			RB1#5		21.72	20.42	33	PASS
			RB3#0		22.13	20.83	33	PASS
			RB3#2		21.9	20.6	33	PASS
			RB3#3		21.78	20.48	33	PASS
			RB6#0		20.82	19.52	33	PASS
		3	LCH		RB1#0	21.7	20.4	33
				RB1#7	21.94	20.64	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#14	21.8	20.5	33	PASS
				RB8#0	20.37	19.07	33	PASS
				RB8#4	20.45	19.15	33	PASS
				RB8#7	20.43	19.13	33	PASS
				RB15#0	20.4	19.1	33	PASS
			MCH	RB1#0	21.84	20.54	33	PASS
			MCH	RB1#7	21.97	20.67	33	PASS
			MCH	RB1#14	21.69	20.39	33	PASS
			MCH	RB8#0	21.07	19.77	33	PASS
			MCH	RB8#4	20.98	19.68	33	PASS
			MCH	RB8#7	20.84	19.54	33	PASS
			MCH	RB15#0	20.96	19.66	33	PASS
			HCH	RB1#0	22.42	21.12	33	PASS
			HCH	RB1#7	22.18	20.88	33	PASS
			HCH	RB1#14	21.48	20.18	33	PASS
			HCH	RB8#0	21.15	19.85	33	PASS
			HCH	RB8#4	21.14	19.84	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB8#7	20.75	19.45	33	PASS
				RB15#0	20.97	19.67	33	PASS
		5	LCH	RB1#0	21.71	20.41	33	PASS
				RB1#13	22.13	20.83	33	PASS
				RB1#24	21.72	20.42	33	PASS
				RB12#0	20.55	19.25	33	PASS
				RB12#6	20.66	19.36	33	PASS
				RB12#13	20.54	19.24	33	PASS
				RB25#0	20.54	19.24	33	PASS
				MCH	RB1#0	22.07	20.77	33
			RB1#13		22.21	20.91	33	PASS
			RB1#24		21.77	20.47	33	PASS
			RB12#0		21.18	19.88	33	PASS
			RB12#6		21.12	19.82	33	PASS
			RB12#13		20.84	19.54	33	PASS
			RB25#0		20.98	19.68	33	PASS
		HCH	RB1#0	21.95	20.65	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB1#13	22.53	21.23	33	PASS	
				RB1#24	21.65	20.35	33	PASS	
				RB12#0	21.18	19.88	33	PASS	
				RB12#6	21.22	19.92	33	PASS	
				RB12#13	20.99	19.69	33	PASS	
				RB25#0	20.91	19.61	33	PASS	
		10	LCH	RB1#0	22.2	20.9	33	PASS	
				RB1#25	22.15	20.85	33	PASS	
				RB1#49	22.41	21.11	33	PASS	
				RB25#0	20.53	19.23	33	PASS	
				RB25#13	20.52	19.22	33	PASS	
				RB25#25	20.48	19.18	33	PASS	
				RB50#0	20.54	19.24	33	PASS	
				MCH	RB1#0	22.51	21.21	33	PASS
					RB1#25	22.09	20.79	33	PASS
					RB1#49	22.02	20.72	33	PASS
RB25#0	21.12	19.82	33		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#13	21.05	19.75	33	PASS
				RB25#25	20.74	19.44	33	PASS
				RB50#0	20.77	19.47	33	PASS
			HCH	RB1#0	22.07	20.77	33	PASS
				RB1#25	21.99	20.69	33	PASS
				RB1#49	21.97	20.67	33	PASS
				RB25#0	21.02	19.72	33	PASS
				RB25#13	21.04	19.74	33	PASS
				RB25#25	20.7	19.4	33	PASS
		RB50#0	20.71	19.41	33	PASS		
		15	LCH	RB1#0	21.41	20.11	33	PASS
				RB1#38	22.01	20.71	33	PASS
				RB1#74	21.83	20.53	33	PASS
				RB38#0	20.49	19.19	33	PASS
				RB38#19	20.62	19.32	33	PASS
RB38#39	20.77			19.47	33	PASS		
				RB75#0	20.61	19.31	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.71	20.41	33	PASS
				RB1#38	22.21	20.91	33	PASS
				RB1#74	21.47	20.17	33	PASS
				RB38#0	21.09	19.79	33	PASS
				RB38#19	20.87	19.57	33	PASS
				RB38#39	20.67	19.37	33	PASS
				RB75#0	21.09	19.79	33	PASS
			HCH	RB1#0	21.65	20.35	33	PASS
				RB1#38	22.02	20.72	33	PASS
				RB1#74	21.48	20.18	33	PASS
				RB38#0	21.13	19.83	33	PASS
				RB38#19	21.07	19.77	33	PASS
				RB38#39	20.7	19.4	33	PASS
				RB75#0	20.77	19.47	33	PASS
		20	LCH	RB1#0	21.96	20.66	33	PASS
RB1#50	22.44			21.14	33	PASS		
RB1#99	22.19			20.89	33	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	20.39	19.09	33	PASS
				RB50#25	20.85	19.55	33	PASS
				RB50#50	20.94	19.64	33	PASS
				RB100#0	20.56	19.26	33	PASS
			MCH	RB1#0	22.34	21.04	33	PASS
				RB1#50	22.35	21.05	33	PASS
				RB1#99	22.04	20.74	33	PASS
				RB50#0	20.96	19.66	33	PASS
				RB50#25	20.8	19.5	33	PASS
				RB50#50	20.46	19.16	33	PASS
				RB100#0	20.91	19.61	33	PASS
				HCH	RB1#0	22.19	20.89	33
			RB1#50		22.27	20.97	33	PASS
			RB1#99		22.11	20.81	33	PASS
			RB50#0		20.85	19.55	33	PASS
			RB50#25		21.11	19.81	33	PASS
			RB50#50		20.3	19	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB100#0	20.57	19.27	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 exceed 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	5.03	13	PASS
				RB1#3	5.09	13	PASS
				RB1#5	5.14	13	PASS
				RB3#0	5.47	13	PASS
				RB3#2	5.48	13	PASS
				RB3#3	5.43	13	PASS
				RB6#0	5.74	13	PASS
			MCH	RB1#0	4.48	13	PASS
				RB1#3	4.54	13	PASS
				RB1#5	4.53	13	PASS
				RB3#0	5.14	13	PASS
				RB3#2	4.89	13	PASS
				RB3#3	5.19	13	PASS
				RB6#0	5.46	13	PASS
		HCH	RB1#0	4.39	13	PASS	
			RB1#3	4.24	13	PASS	
			RB1#5	4.38	13	PASS	
			RB3#0	4.76	13	PASS	
			RB3#2	4.85	13	PASS	
			RB3#3	4.75	13	PASS	
			RB6#0	5.67	13	PASS	
		3	LCH	RB1#0	4.8	13	PASS
				RB1#7	4.85	13	PASS
				RB1#14	5.12	13	PASS
				RB8#0	5.63	13	PASS
				RB8#4	5.68	13	PASS
				RB8#7	5.62	13	PASS
				RB15#0	5.86	13	PASS
MCH	RB1#0		4.52	13	PASS		
RB1#7	4.54	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#14	4.72	13	PASS			
				RB8#0	5.43	13	PASS			
				RB8#4	5.53	13	PASS			
				RB8#7	5.53	13	PASS			
				RB15#0	5.75	13	PASS			
			HCH	RB1#0	4.7	13	PASS			
				RB1#7	4.27	13	PASS			
				RB1#14	4.49	13	PASS			
				RB8#0	5.58	13	PASS			
				RB8#4	5.74	13	PASS			
				RB8#7	5.63	13	PASS			
						LCH	RB1#0	5.22	13	PASS
							RB1#13	5.12	13	PASS
							RB1#24	5.14	13	PASS
							RB12#0	5.99	13	PASS
		RB12#6					6.01	13	PASS	
		RB12#13					6.03	13	PASS	
		RB25#0					6.1	13	PASS	
		5			MCH	RB1#0	4.88	13	PASS	
						RB1#13	4.83	13	PASS	
						RB1#24	5.02	13	PASS	
						RB12#0	5.68	13	PASS	
						RB12#6	5.79	13	PASS	
						RB12#13	5.91	13	PASS	
						RB25#0	5.99	13	PASS	
					HCH	RB1#0	4.65	13	PASS	
						RB1#13	4.48	13	PASS	
						RB1#24	4.46	13	PASS	
						RB12#0	5.81	13	PASS	
						RB12#6	5.66	13	PASS	
						RB12#13	5.83	13	PASS	
						RB25#0	5.91	13	PASS	
		10			LCH	RB1#0	5.09	13	PASS	
RB1#25	4.98					13	PASS			
RB1#49	4.92					13	PASS			
RB25#0	5.94					13	PASS			
RB25#13	5.96					13	PASS			
RB25#25	5.95					13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.18	13	PASS
			MCH	RB1#0	4.45	13	PASS
				RB1#25	4.59	13	PASS
				RB1#49	4.67	13	PASS
				RB25#0	5.92	13	PASS
				RB25#13	6.01	13	PASS
				RB25#25	5.88	13	PASS
				RB50#0	6.24	13	PASS
			HCH	RB1#0	4.63	13	PASS
				RB1#25	4.87	13	PASS
				RB1#49	4.32	13	PASS
				RB25#0	5.64	13	PASS
				RB25#13	5.79	13	PASS
				RB25#25	6	13	PASS
		15	LCH	RB1#0	5.06	13	PASS
				RB1#38	4.91	13	PASS
				RB1#74	4.92	13	PASS
				RB38#0	6.1	13	PASS
				RB38#19	6.17	13	PASS
				RB38#39	5.89	13	PASS
				RB75#0	6.26	13	PASS
			MCH	RB1#0	4.92	13	PASS
				RB1#38	4.96	13	PASS
				RB1#74	5.24	13	PASS
				RB38#0	5.83	13	PASS
				RB38#19	5.97	13	PASS
				RB38#39	5.97	13	PASS
				RB75#0	6.17	13	PASS
		HCH	RB1#0	4.83	13	PASS	
			RB1#38	4.67	13	PASS	
			RB1#74	4.74	13	PASS	
			RB38#0	5.75	13	PASS	
			RB38#19	5.72	13	PASS	
RB38#39	6.04		13	PASS			
RB75#0	6.27		13	PASS			
20	LCH	RB1#0	5.67	13	PASS		
		RB1#50	4.96	13	PASS		
		RB1#99	4.97	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.21	13	PASS
				RB50#25	5.95	13	PASS
				RB50#50	6.01	13	PASS
				RB100#0	6.09	13	PASS
			MCH	RB1#0	5.53	13	PASS
				RB1#50	5.01	13	PASS
				RB1#99	5.26	13	PASS
				RB50#0	5.95	13	PASS
				RB50#25	6.05	13	PASS
				RB50#50	6.14	13	PASS
			HCH	RB100#0	6.12	13	PASS
				RB1#0	5.31	13	PASS
				RB1#50	4.55	13	PASS
				RB1#99	4.57	13	PASS
				RB50#0	6.06	13	PASS
				RB50#25	5.7	13	PASS
			LCH	RB50#50	6.27	13	PASS
				RB100#0	6.44	13	PASS
	RB1#0	5.5		13	PASS		
	RB1#3	5.72		13	PASS		
	RB1#5	5.41		13	PASS		
	RB3#0	5.78		13	PASS		
	RB3#2	5.76		13	PASS		
	RB3#3	5.9		13	PASS		
	RB6#0	6.44		13	PASS		
	MCH	RB1#0		5.37	13	PASS	
		RB1#3		5.89	13	PASS	
		RB1#5		5.58	13	PASS	
		RB3#0	5.85	13	PASS		
		RB3#2	5.95	13	PASS		
RB3#3		5.91	13	PASS			
HCH	RB6#0	6.69	13	PASS			
	RB1#0	5.07	13	PASS			
	RB1#3	5.17	13	PASS			
	RB1#5	4.93	13	PASS			
	RB3#0	5.49	13	PASS			
	RB3#2	5.43	13	PASS			
	LTE/TM2	1.4		RB3#3	5.41	13	PASS
				RB6#0	6.29	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	5.83	13	PASS
				RB1#7	5.55	13	PASS
				RB1#14	5.83	13	PASS
				RB8#0	6.29	13	PASS
				RB8#4	6.25	13	PASS
				RB8#7	6.21	13	PASS
				RB15#0	6.53	13	PASS
			MCH	RB1#0	5.68	13	PASS
				RB1#7	5.7	13	PASS
				RB1#14	5.97	13	PASS
				RB8#0	6.15	13	PASS
				RB8#4	6.13	13	PASS
				RB8#7	6.17	13	PASS
				RB15#0	6.65	13	PASS
		HCH	RB1#0	5.45	13	PASS	
			RB1#7	4.91	13	PASS	
			RB1#14	5.07	13	PASS	
			RB8#0	5.87	13	PASS	
			RB8#4	6.01	13	PASS	
			RB8#7	5.82	13	PASS	
			RB15#0	6.69	13	PASS	
		5	LCH	RB1#0	6.07	13	PASS
				RB1#13	6.2	13	PASS
				RB1#24	6.09	13	PASS
				RB12#0	6.4	13	PASS
				RB12#6	6.43	13	PASS
				RB12#13	6.52	13	PASS
				RB25#0	6.77	13	PASS
MCH	RB1#0		5.41	13	PASS		
	RB1#13		5.88	13	PASS		
	RB1#24		5.52	13	PASS		
	RB12#0		6.4	13	PASS		
	RB12#6		6.55	13	PASS		
	RB12#13		6.23	13	PASS		
	RB25#0		6.62	13	PASS		
HCH	RB1#0	5.54	13	PASS			
	RB1#13	5.56	13	PASS			
	RB1#24	5.23	13	PASS			
	RB12#0	6.12	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	6.37	13	PASS
				RB12#13	6.53	13	PASS
				RB25#0	6.5	13	PASS
			LCH	RB1#0	5.7	13	PASS
				RB1#25	5.92	13	PASS
				RB1#49	5.52	13	PASS
				RB25#0	6.66	13	PASS
				RB25#13	6.6	13	PASS
				RB25#25	6.64	13	PASS
		RB50#0		6.9	13	PASS	
		MCH	RB1#0	5.32	13	PASS	
			RB1#25	6.02	13	PASS	
			RB1#49	5.9	13	PASS	
			RB25#0	6.45	13	PASS	
			RB25#13	6.74	13	PASS	
			RB25#25	6.44	13	PASS	
		HCH	RB50#0	6.69	13	PASS	
			RB1#0	5.16	13	PASS	
			RB1#25	5.73	13	PASS	
			RB1#49	4.97	13	PASS	
			RB25#0	6.3	13	PASS	
			RB25#13	6.55	13	PASS	
		15	LCH	RB25#25	6.55	13	PASS
				RB50#0	6.66	13	PASS
				RB1#0	6.01	13	PASS
				RB1#38	5.85	13	PASS
				RB1#74	5.79	13	PASS
				RB38#0	6.66	13	PASS
				RB38#19	6.8	13	PASS
			MCH	RB38#39	6.49	13	PASS
RB75#0	6.97			13	PASS		
RB1#0	5.98			13	PASS		
RB1#38	6.03			13	PASS		
RB1#74	6.32			13	PASS		
RB38#0	6.44			13	PASS		
RB38#19	6.53			13	PASS		
HCH	RB38#39		6.54	13	PASS		
RB75#0	6.97	13	PASS				
HCH	RB1#0	5.85	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB1#38	5.74	13	PASS		
				RB1#74	5.63	13	PASS		
				RB38#0	6.25	13	PASS		
				RB38#19	6.62	13	PASS		
				RB38#39	6.48	13	PASS		
				RB75#0	7.2	13	PASS		
				20	LCH	RB1#0	5.95	13	PASS
						RB1#50	5.4	13	PASS
						RB1#99	5.53	13	PASS
						RB50#0	6.77	13	PASS
						RB50#25	6.5	13	PASS
						RB50#50	6.58	13	PASS
		RB100#0	6.76			13	PASS		
		MCH	RB1#0			5.72	13	PASS	
			RB1#50			5.38	13	PASS	
			RB1#99			5.36	13	PASS	
			RB50#0			6.55	13	PASS	
			RB50#25			6.48	13	PASS	
			RB50#50	6.79	13	PASS			
		HCH	RB100#0	7.09	13	PASS			
			RB1#0	5.62	13	PASS			
			RB1#50	5.01	13	PASS			
			RB1#99	4.96	13	PASS			
			RB50#0	6.69	13	PASS			
			RB50#25	6.43	13	PASS			
						RB50#50	6.86	13	PASS
						RB100#0	7.18	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

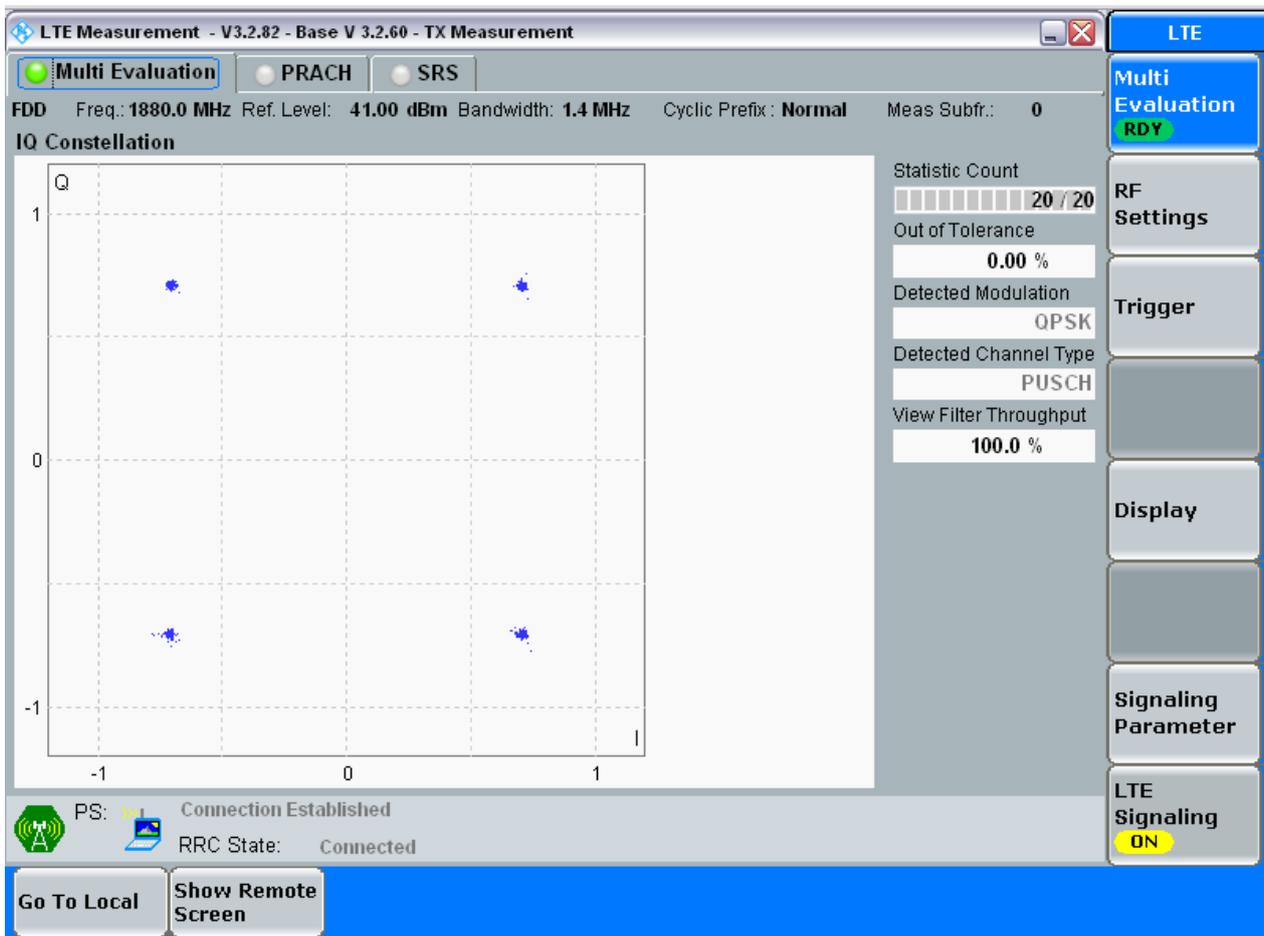
##### 3.1.1 Test Band = BAND2

##### 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

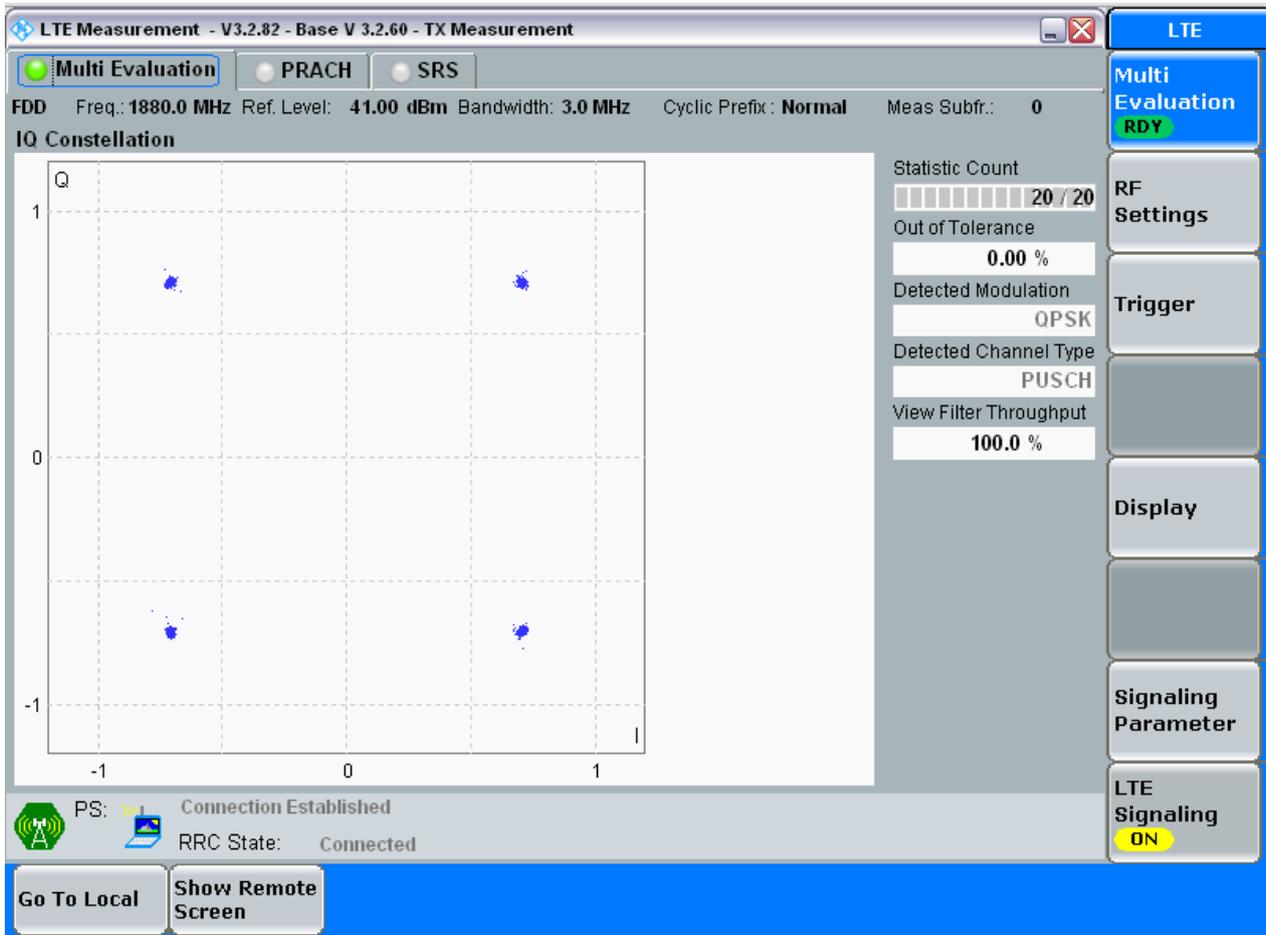
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

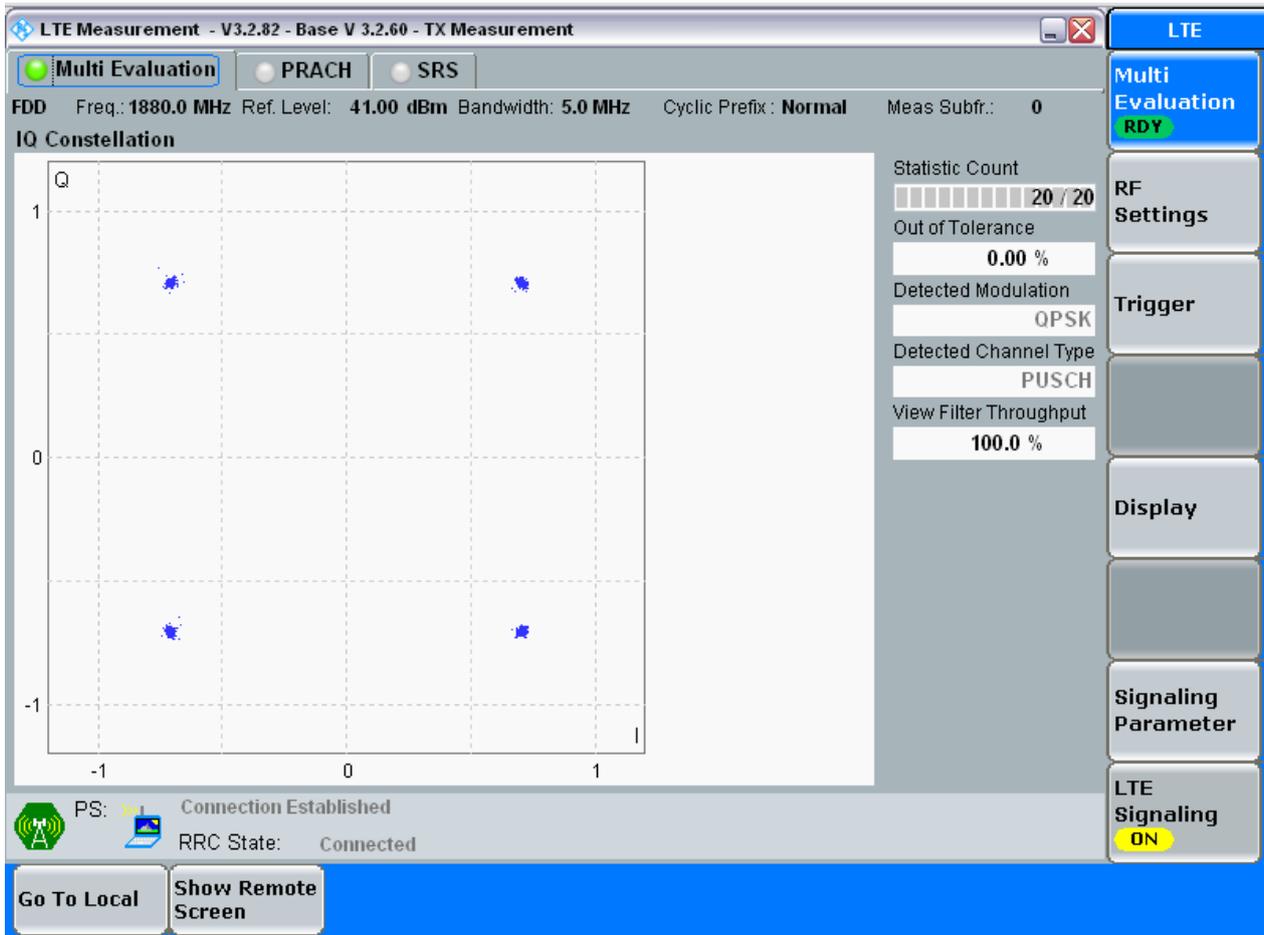
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

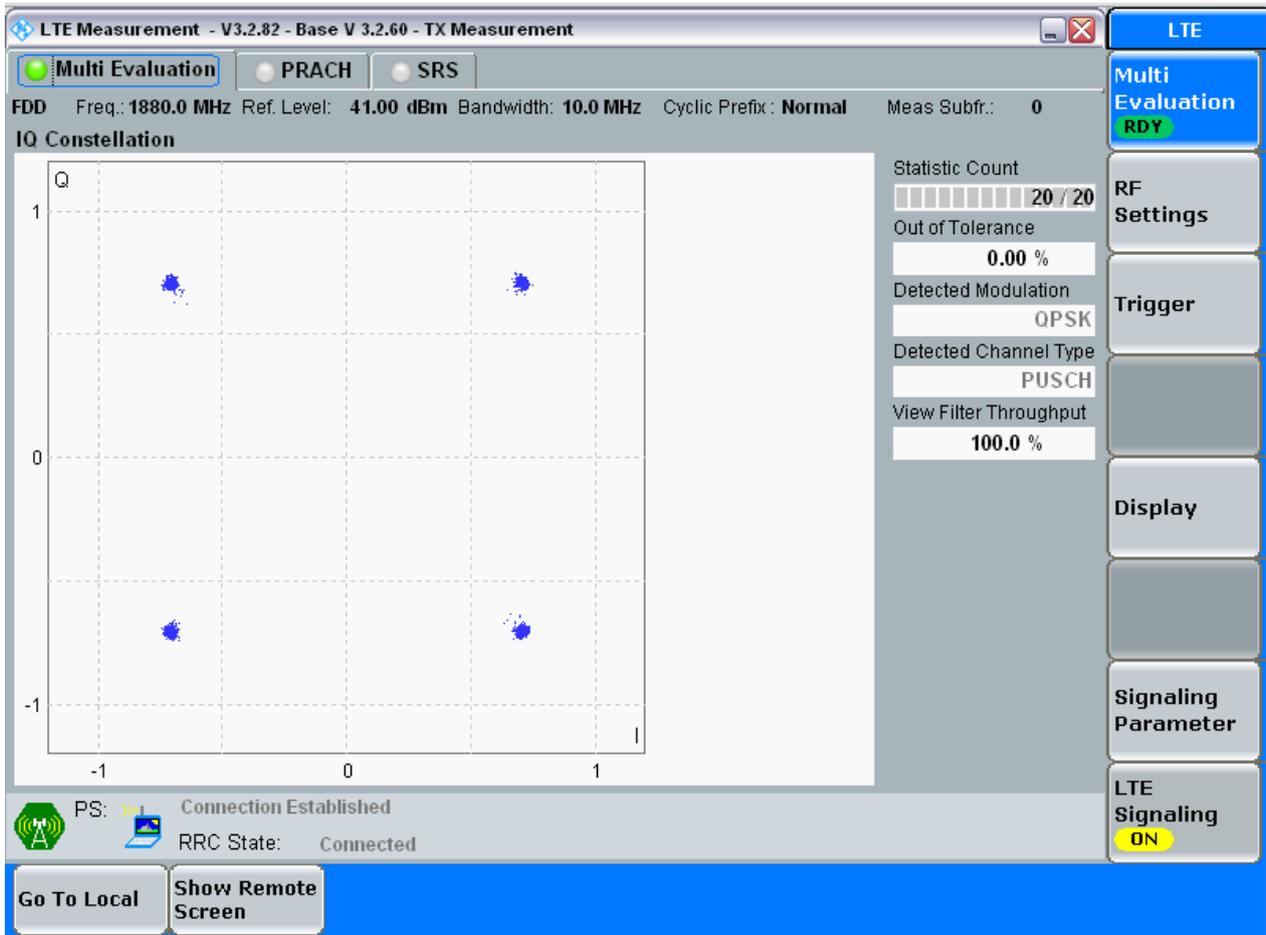
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

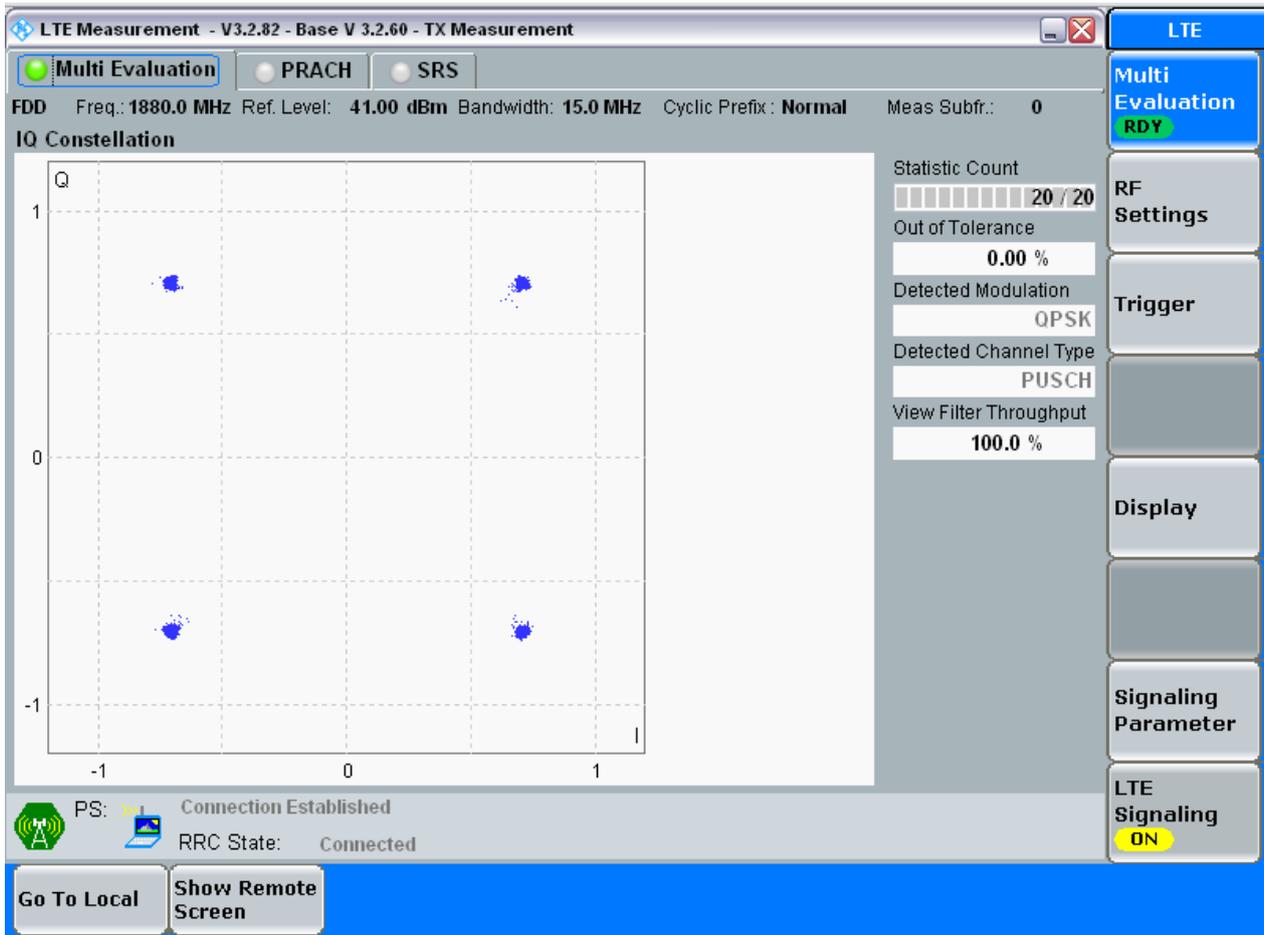
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

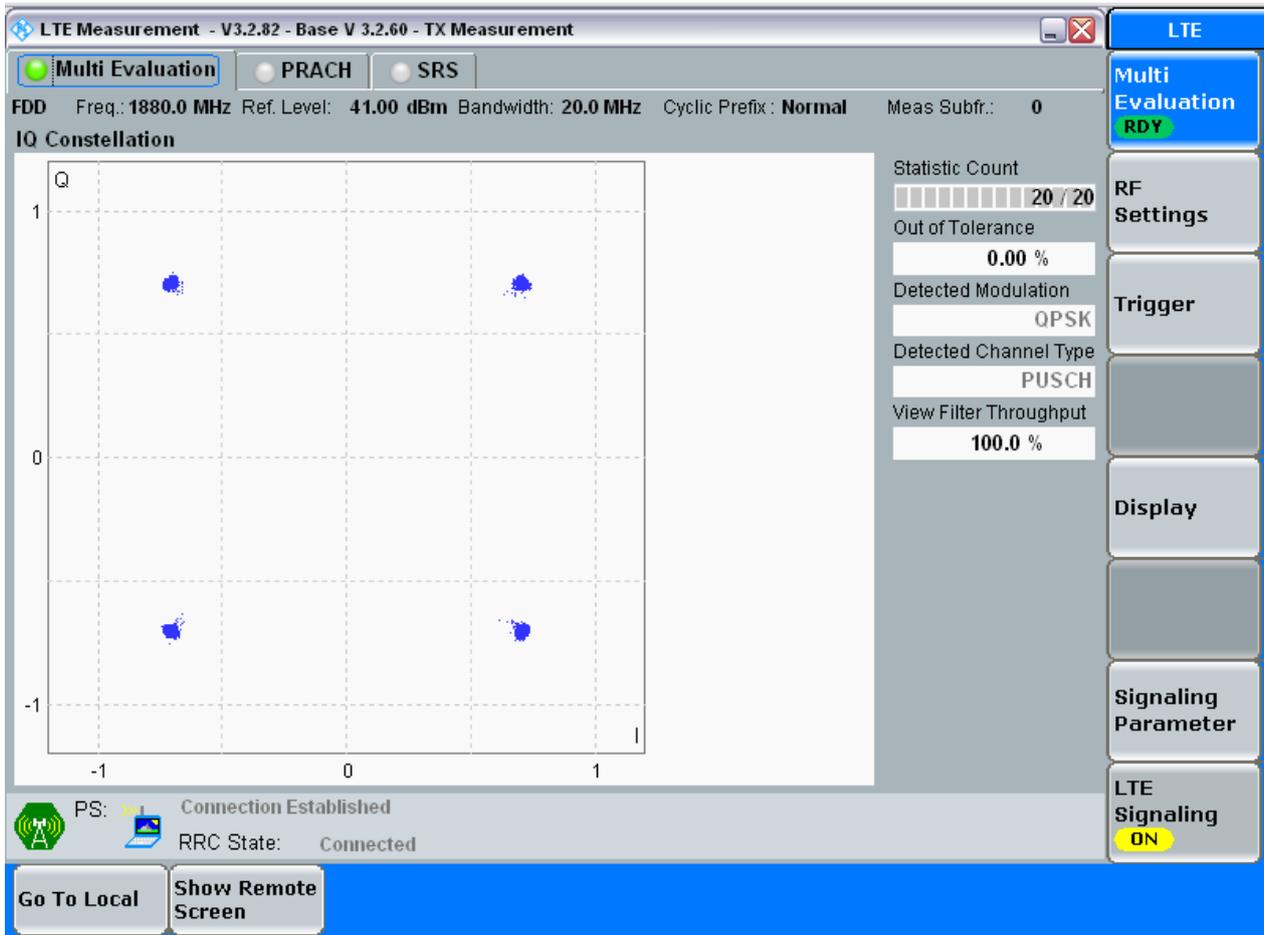
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

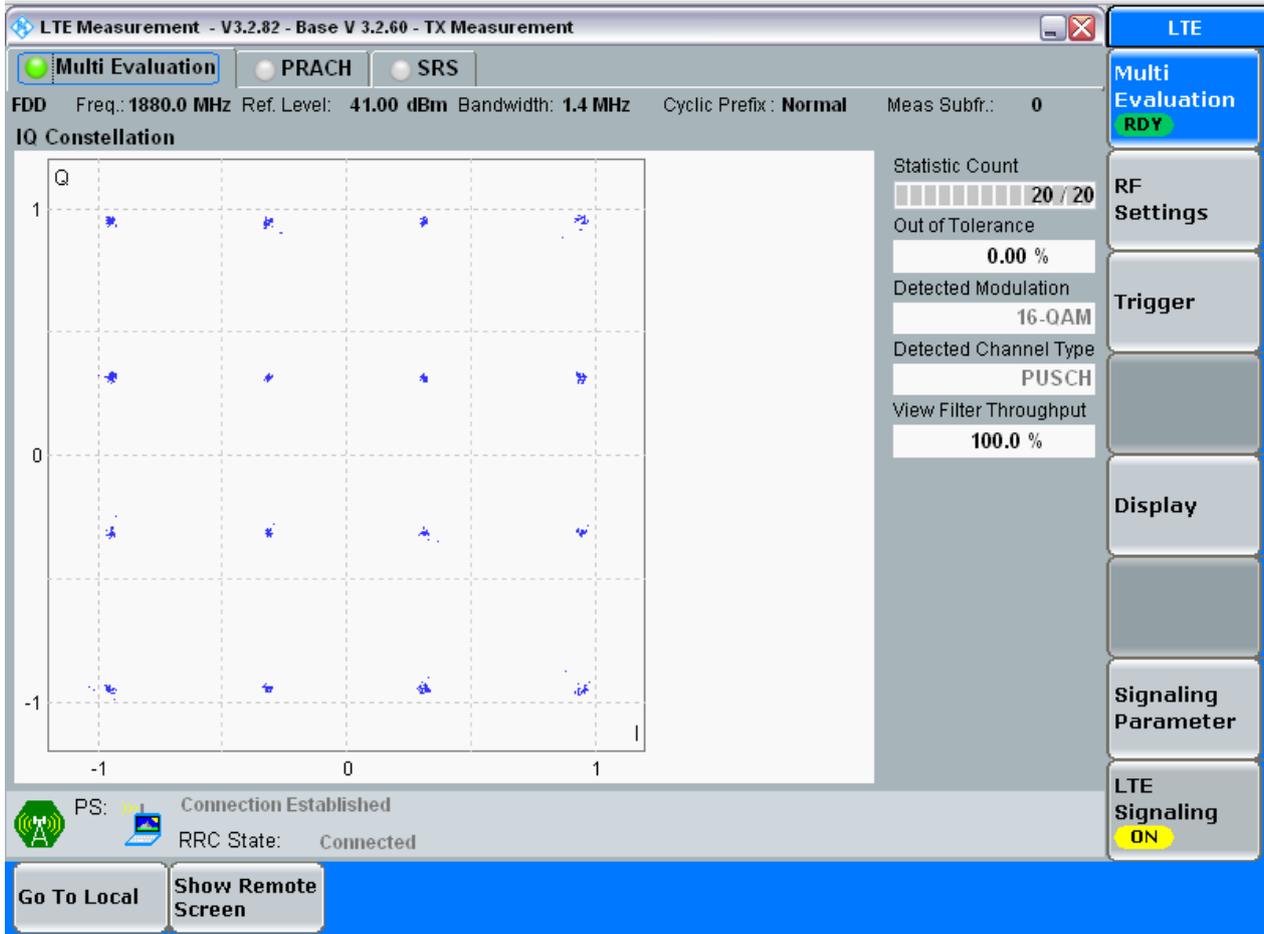


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

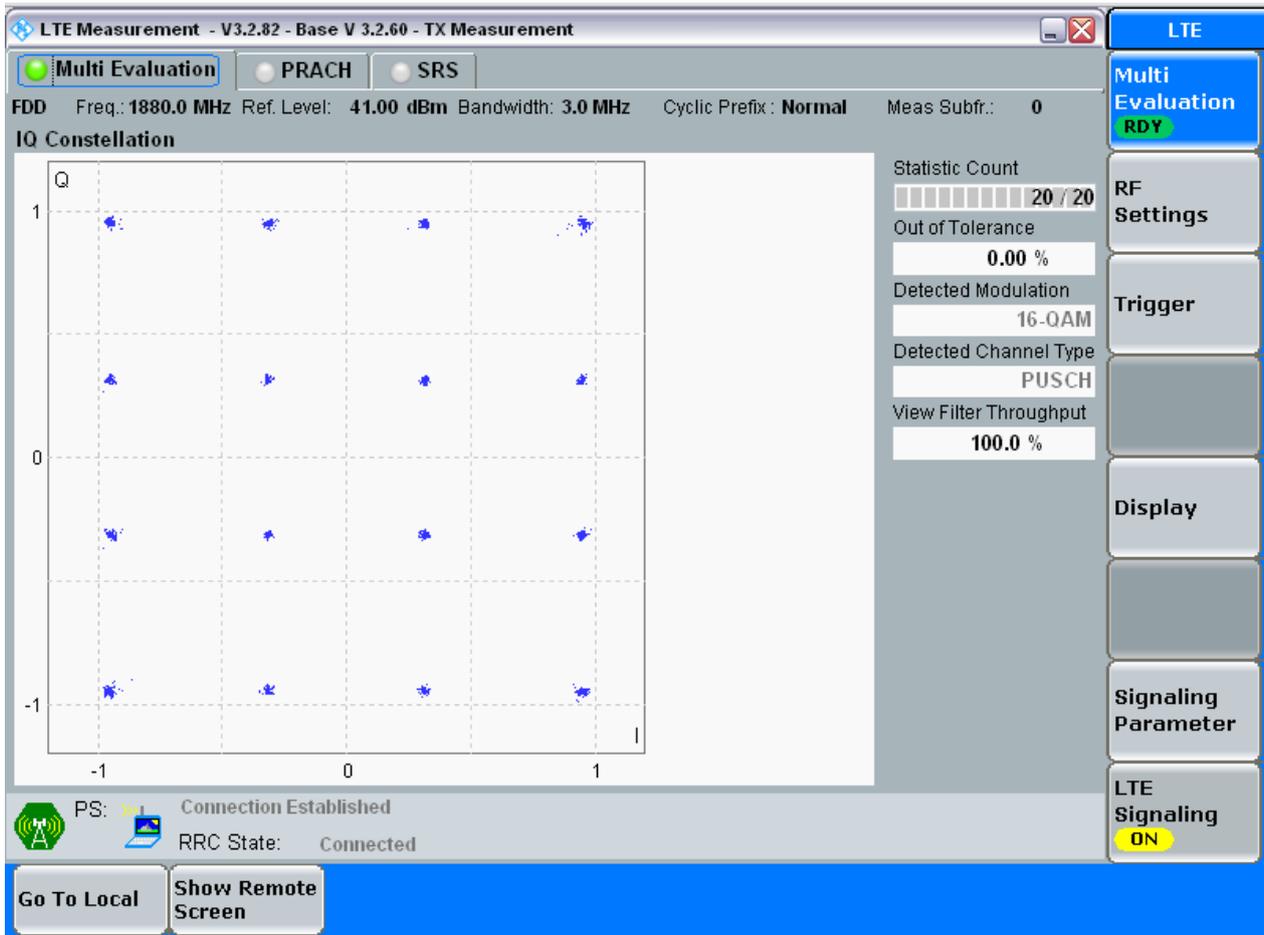
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

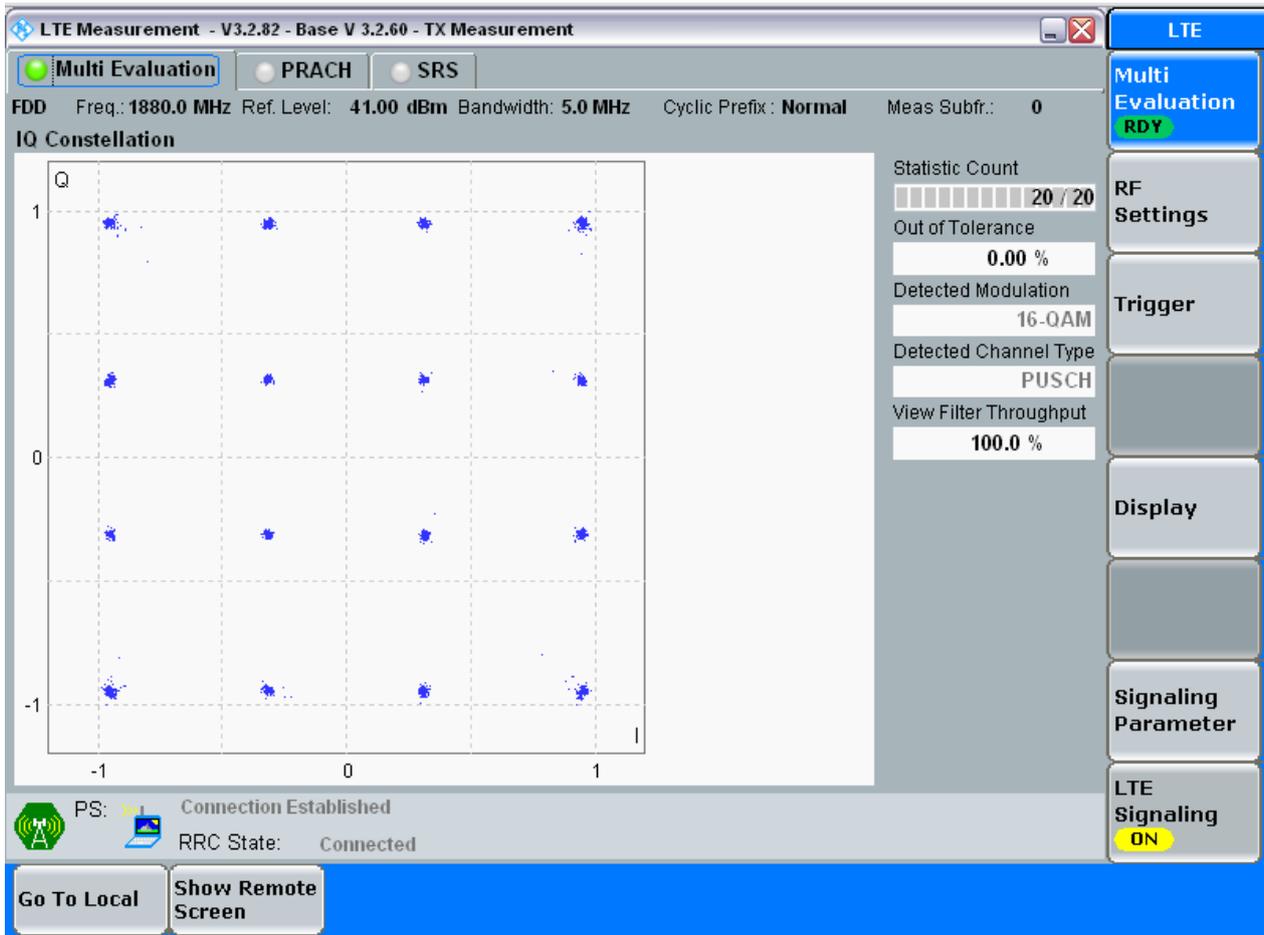
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

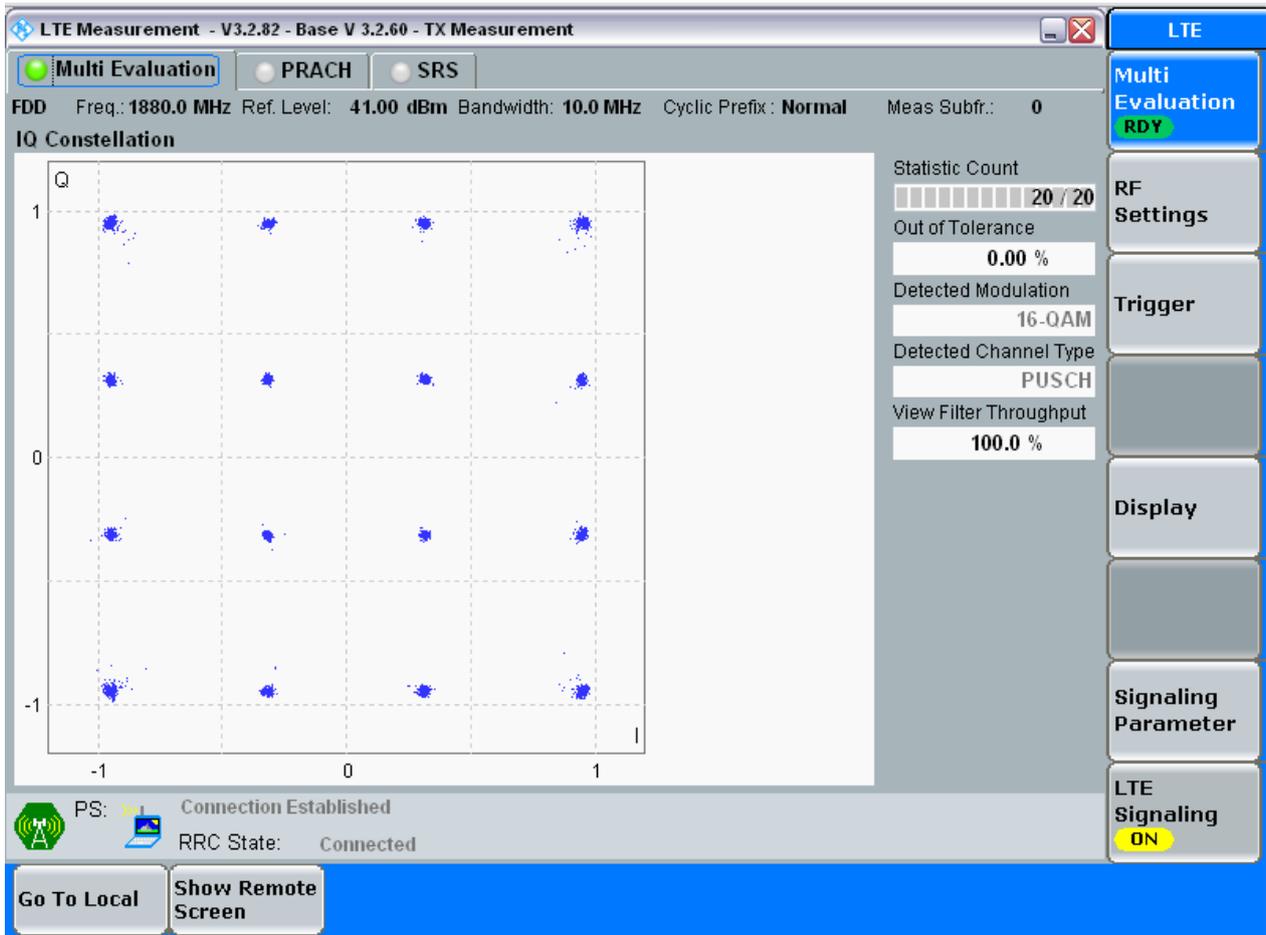
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

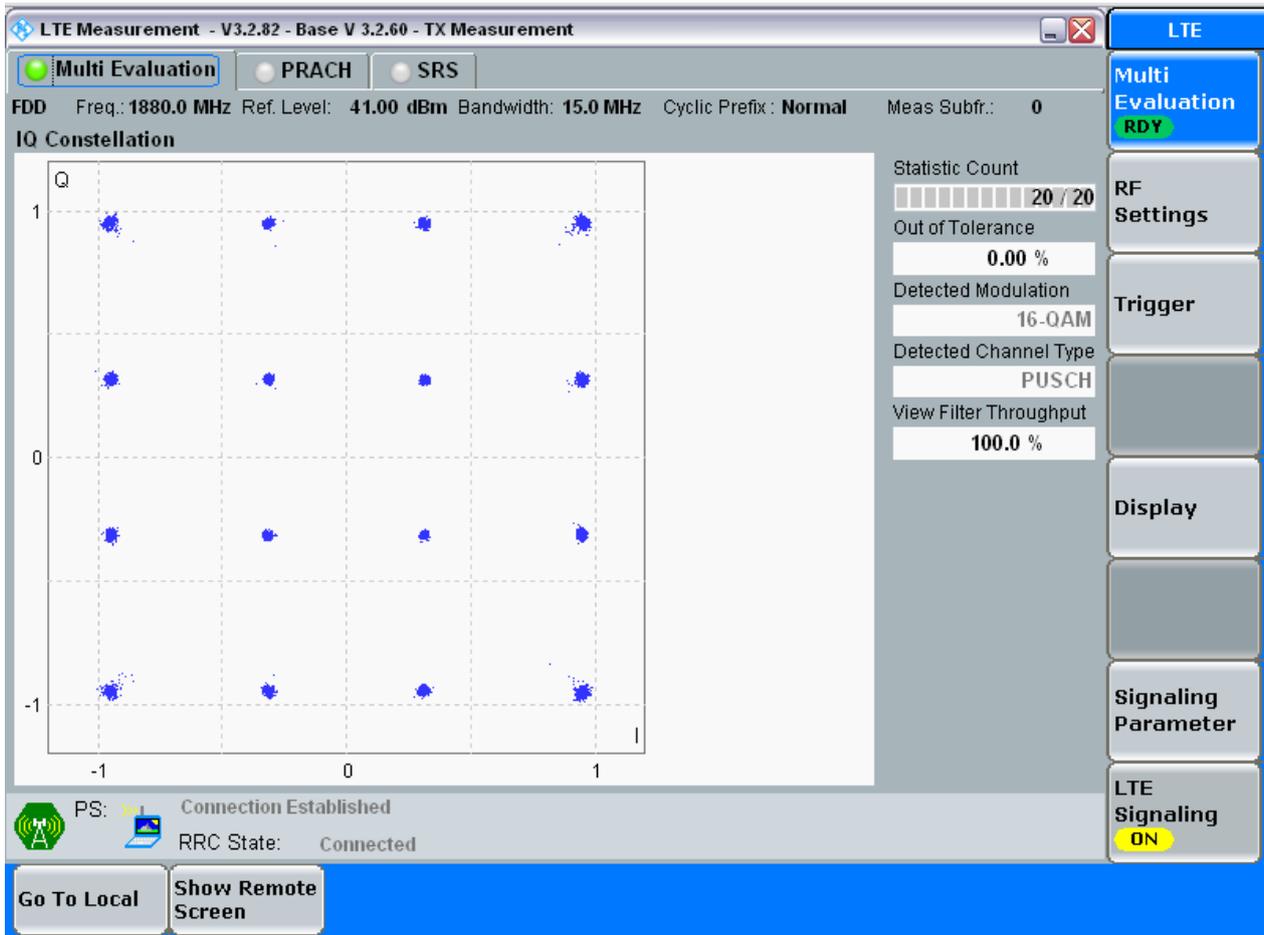
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

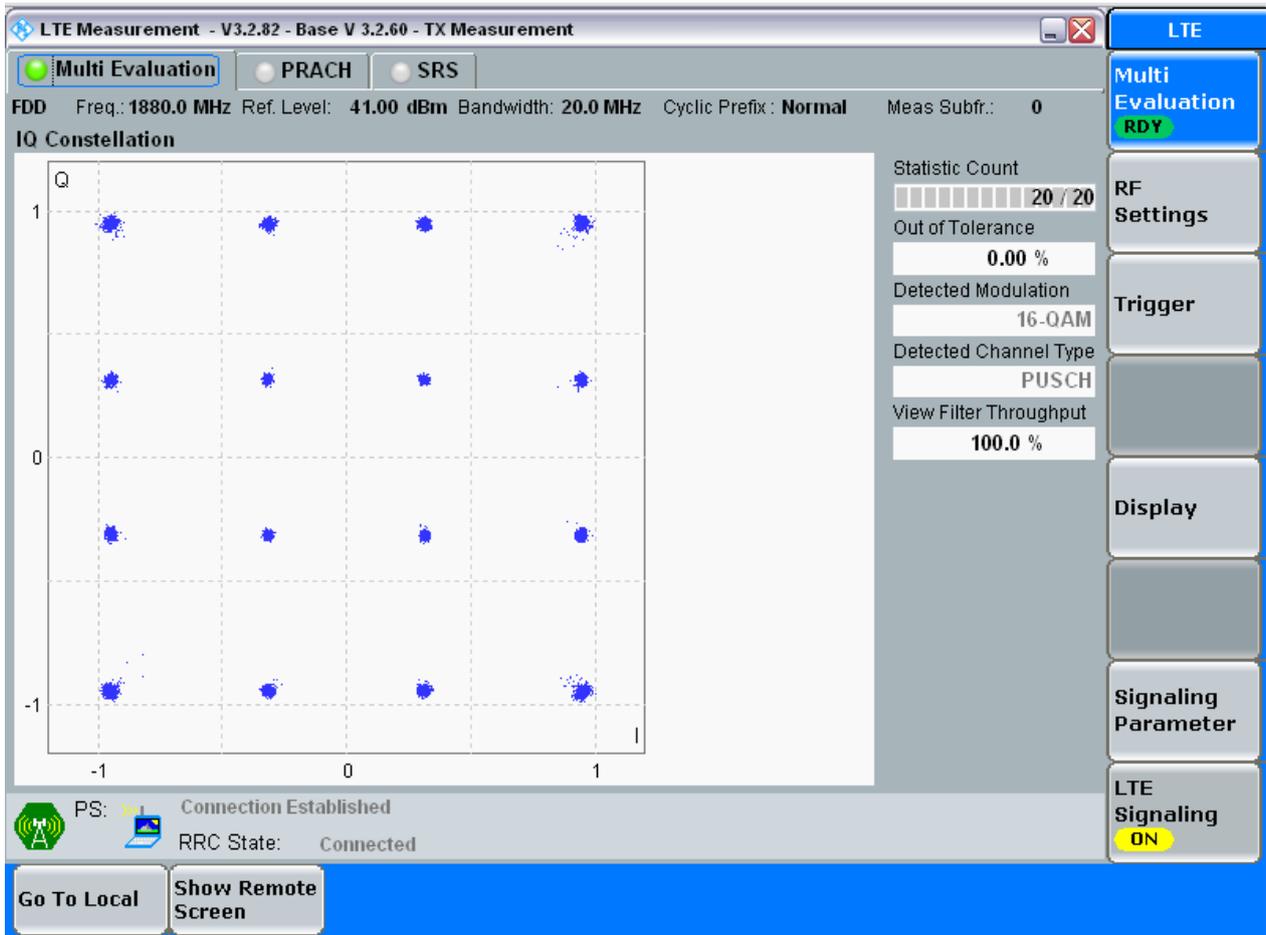
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.52	4.95	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	8.98	9.90	Pass
			MCH	RB50#0	8.99	9.86	Pass
			HCH	RB50#0	9.03	9.90	Pass
		15	LCH	RB75#0	13.46	14.95	Pass
			MCH	RB75#0	13.51	15.06	Pass
			HCH	RB75#0	13.56	15.13	Pass
		20	LCH	RB100#0	17.90	19.76	Pass
			MCH	RB100#0	18.00	19.83	Pass
			HCH	RB100#0	18.12	19.90	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.72	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	4.96	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.50	4.95	Pass
10		LCH	RB50#0	8.98	9.91	Pass	
		MCH	RB50#0	9.01	9.94	Pass	
		HCH	RB50#0	9.03	9.91	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.48	14.96	Pass
			MCH	RB75#0	13.52	14.98	Pass
			HCH	RB75#0	13.57	15.06	Pass
		20	LCH	RB100#0	17.90	19.73	Pass
			MCH	RB100#0	18.00	19.75	Pass
			HCH	RB100#0	18.09	19.91	Pass



Part II - Test Plots

4.1 For LTE

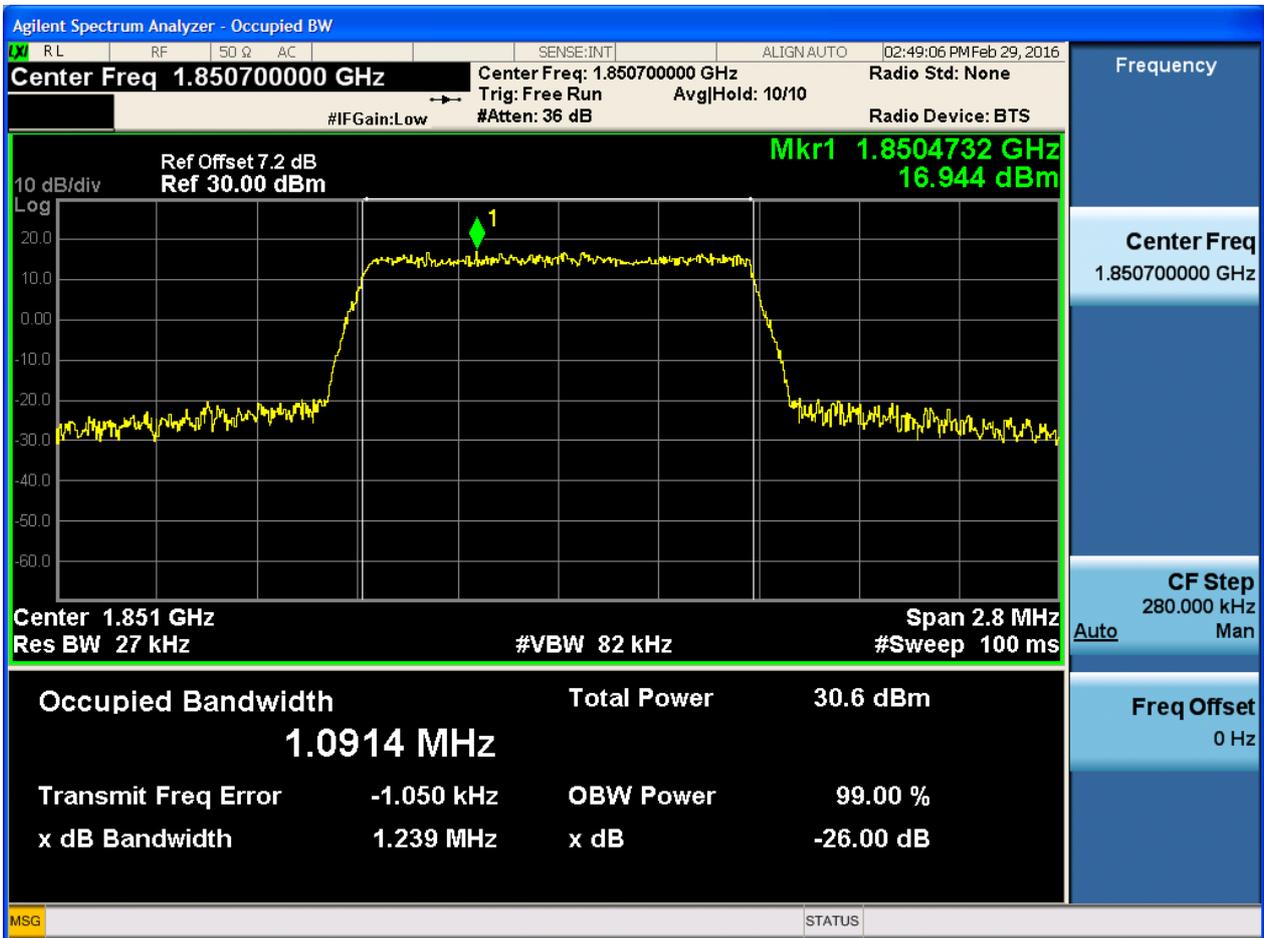
4.1.1 Test Band = BAND2

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

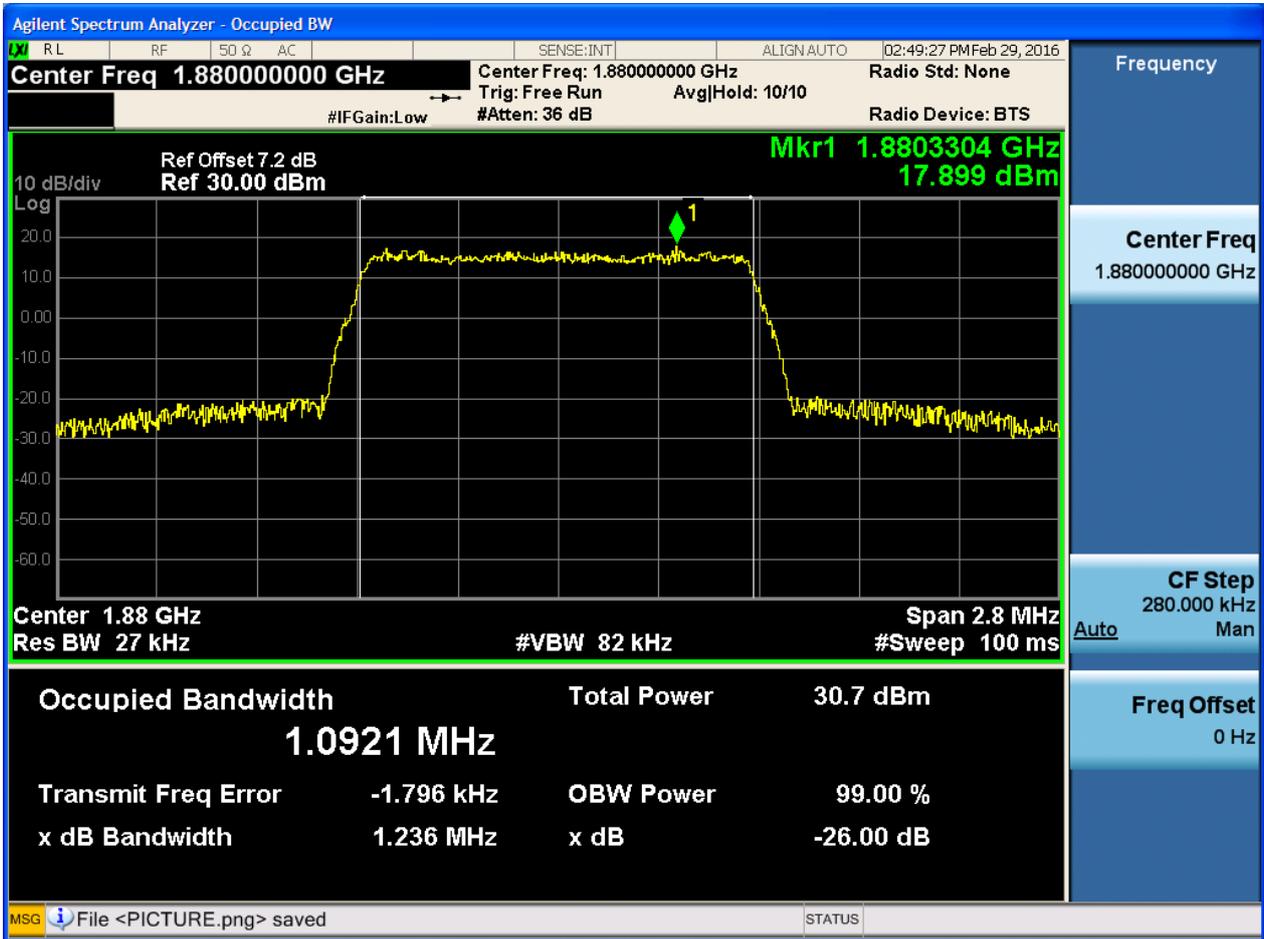
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

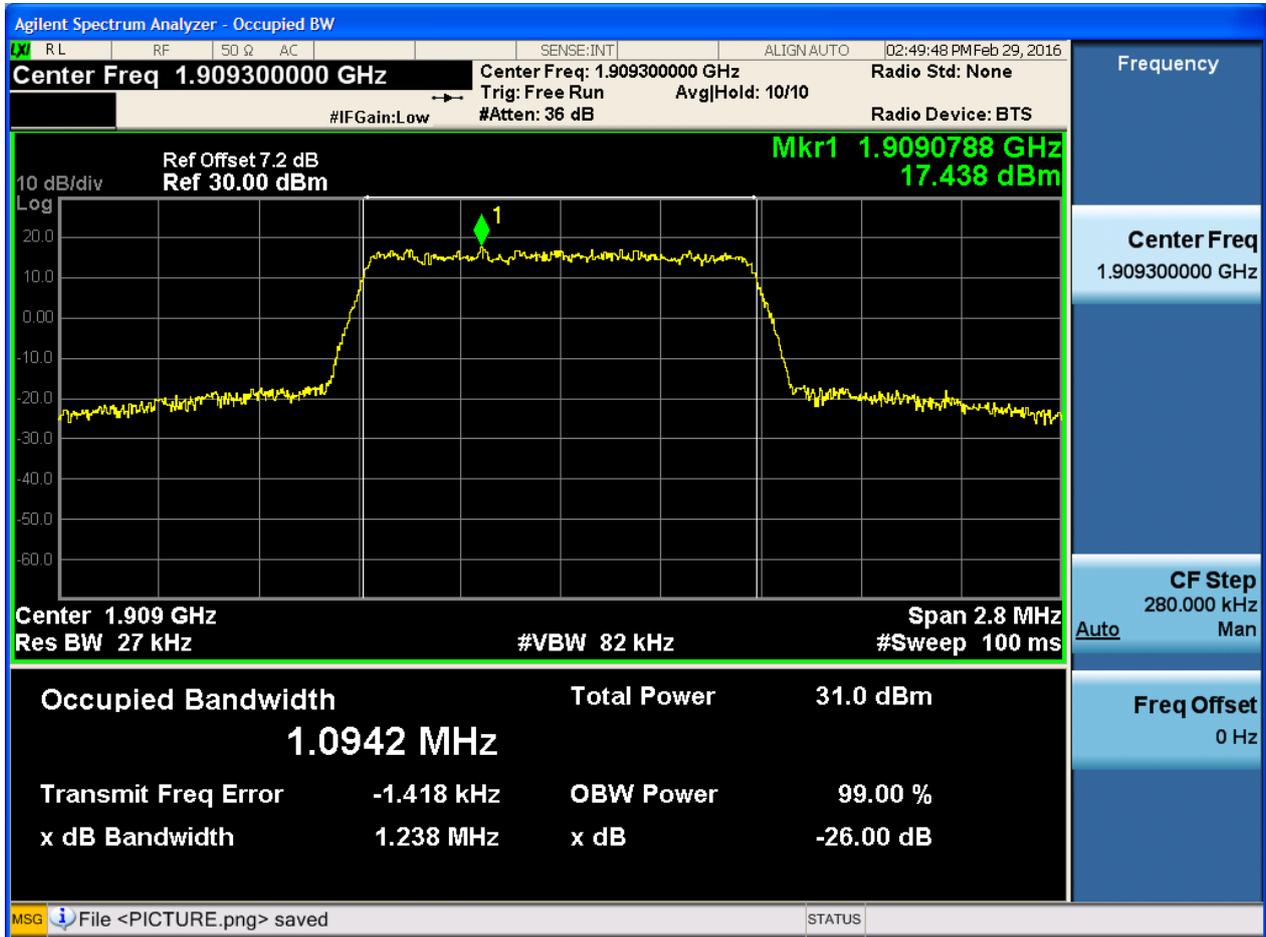
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

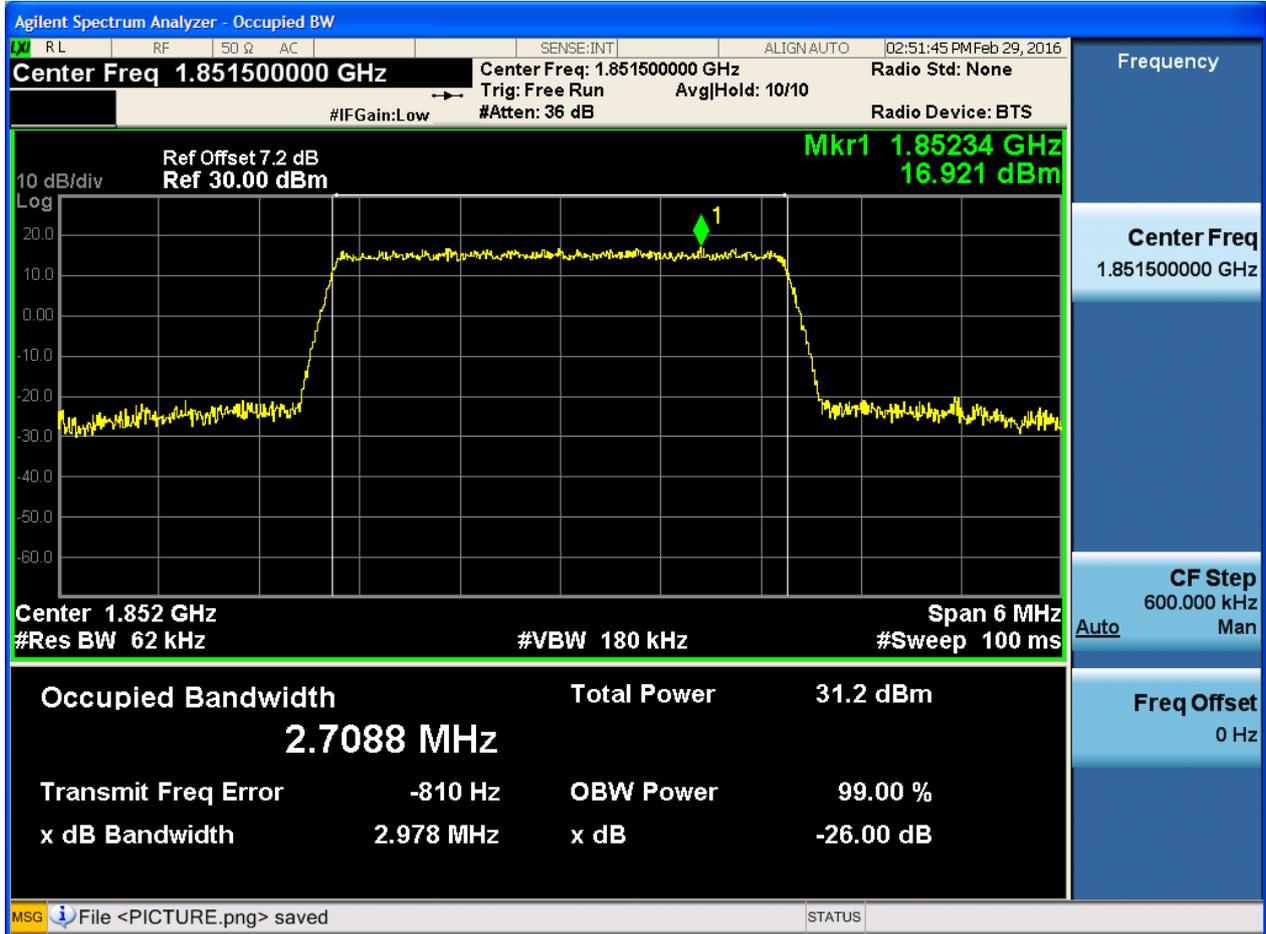




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

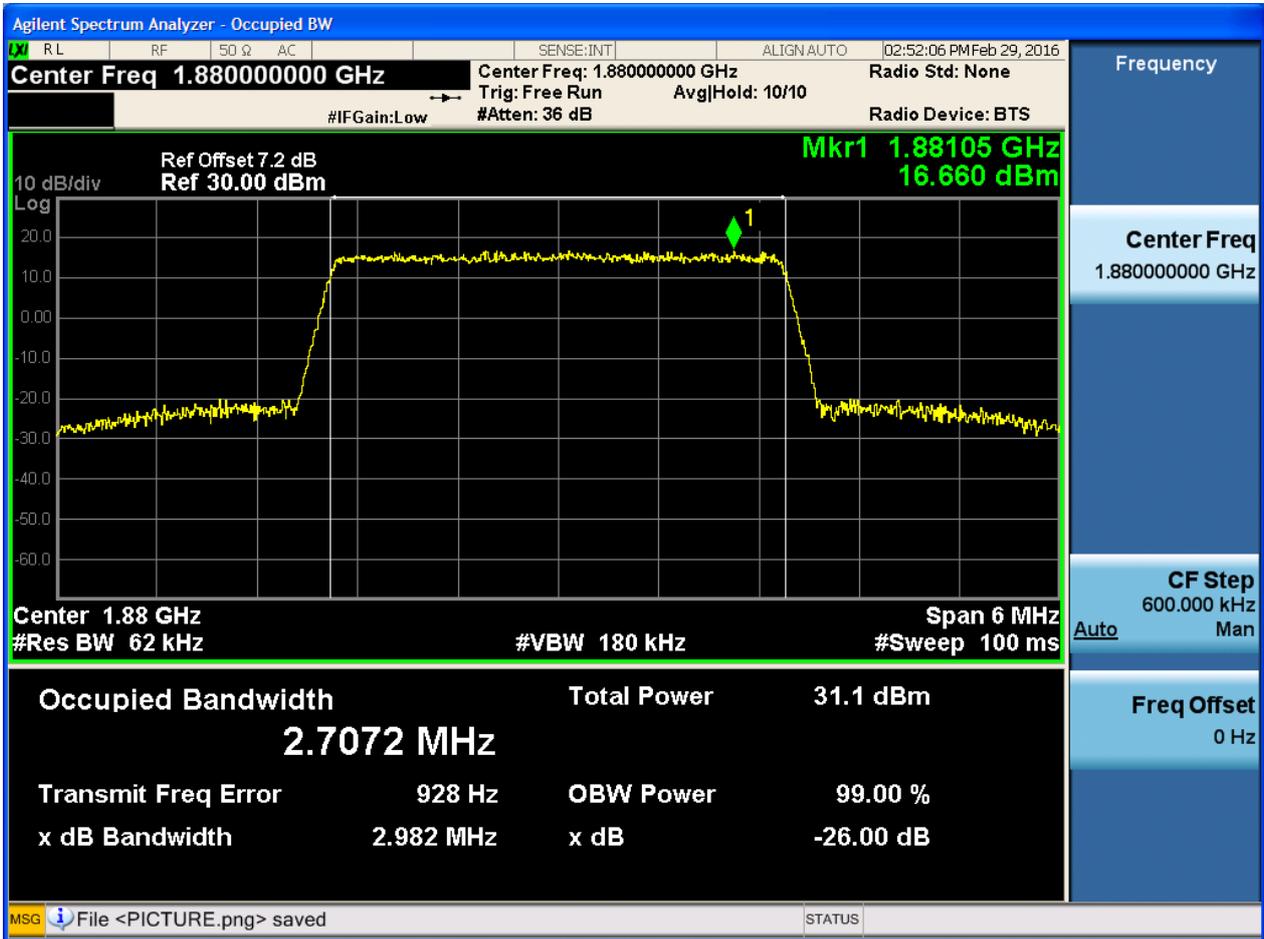
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

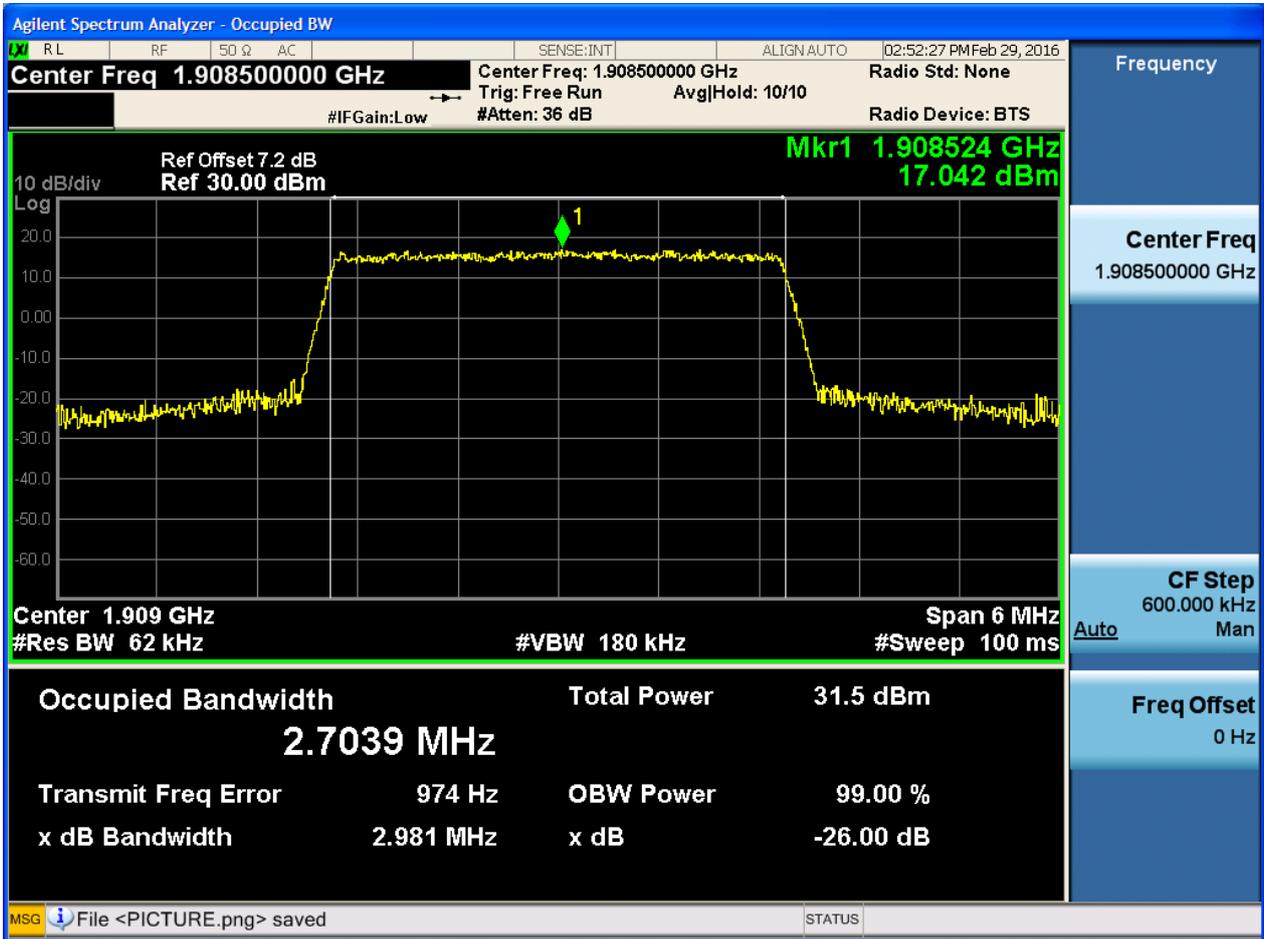
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

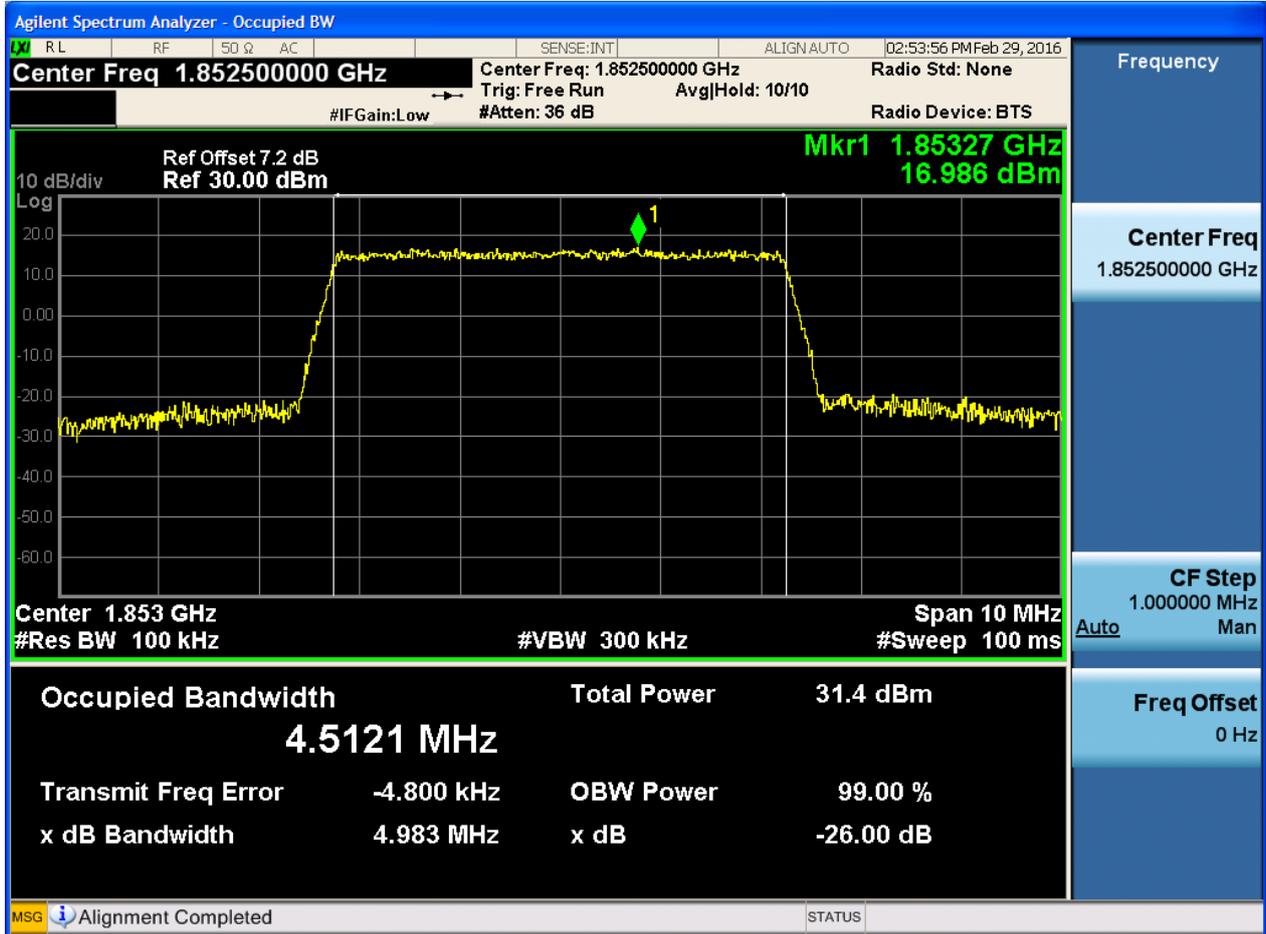




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

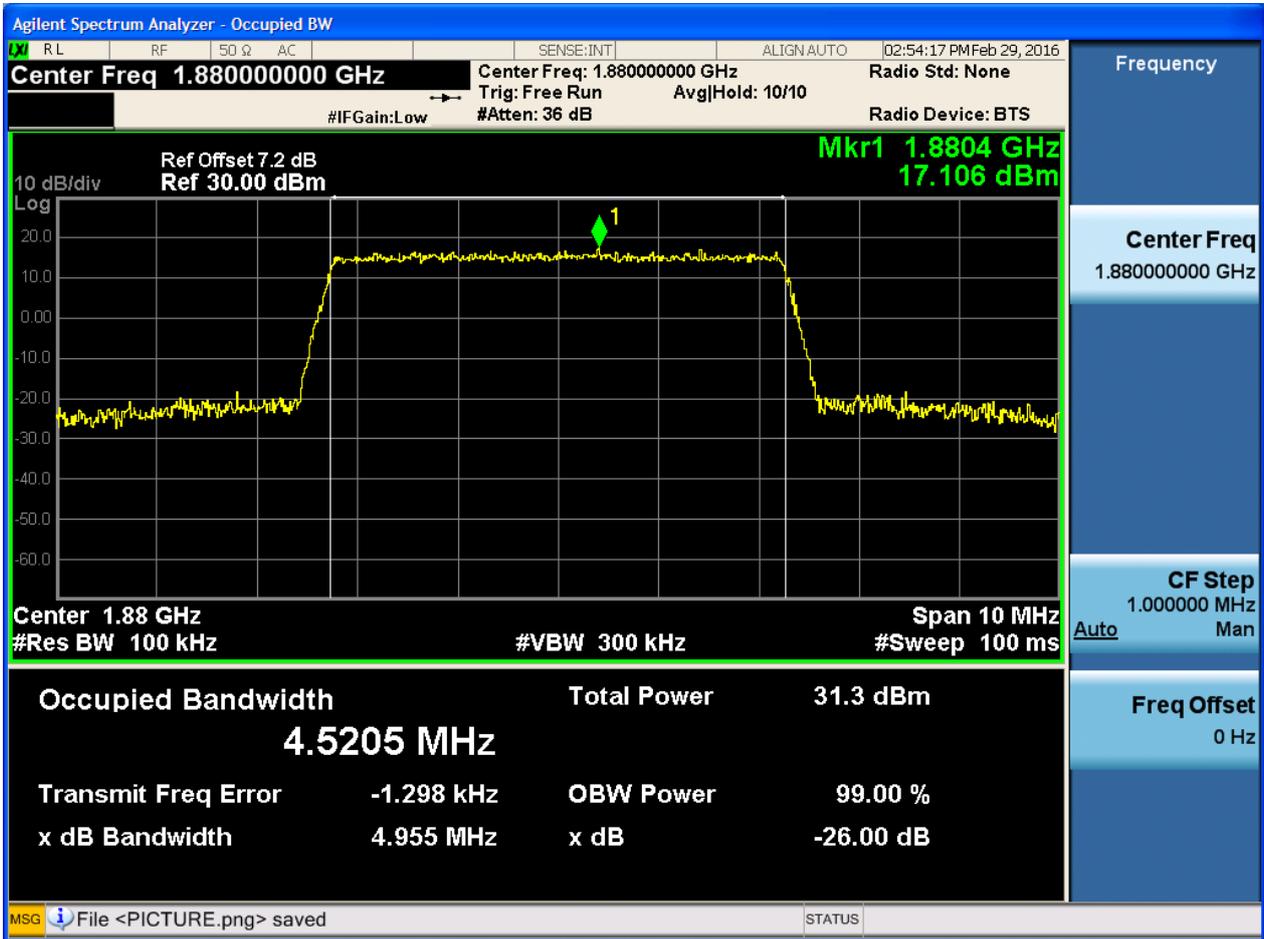
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

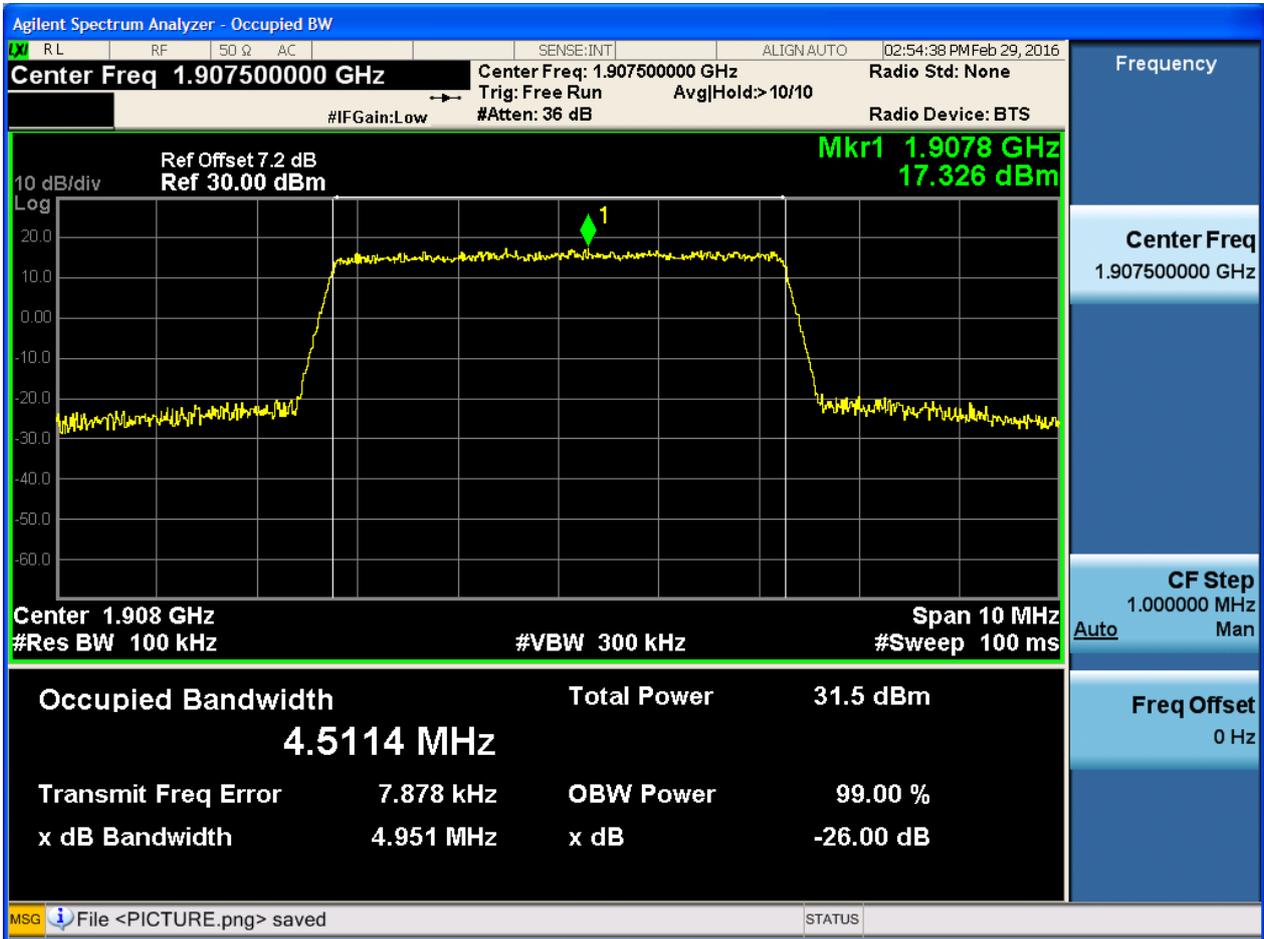
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

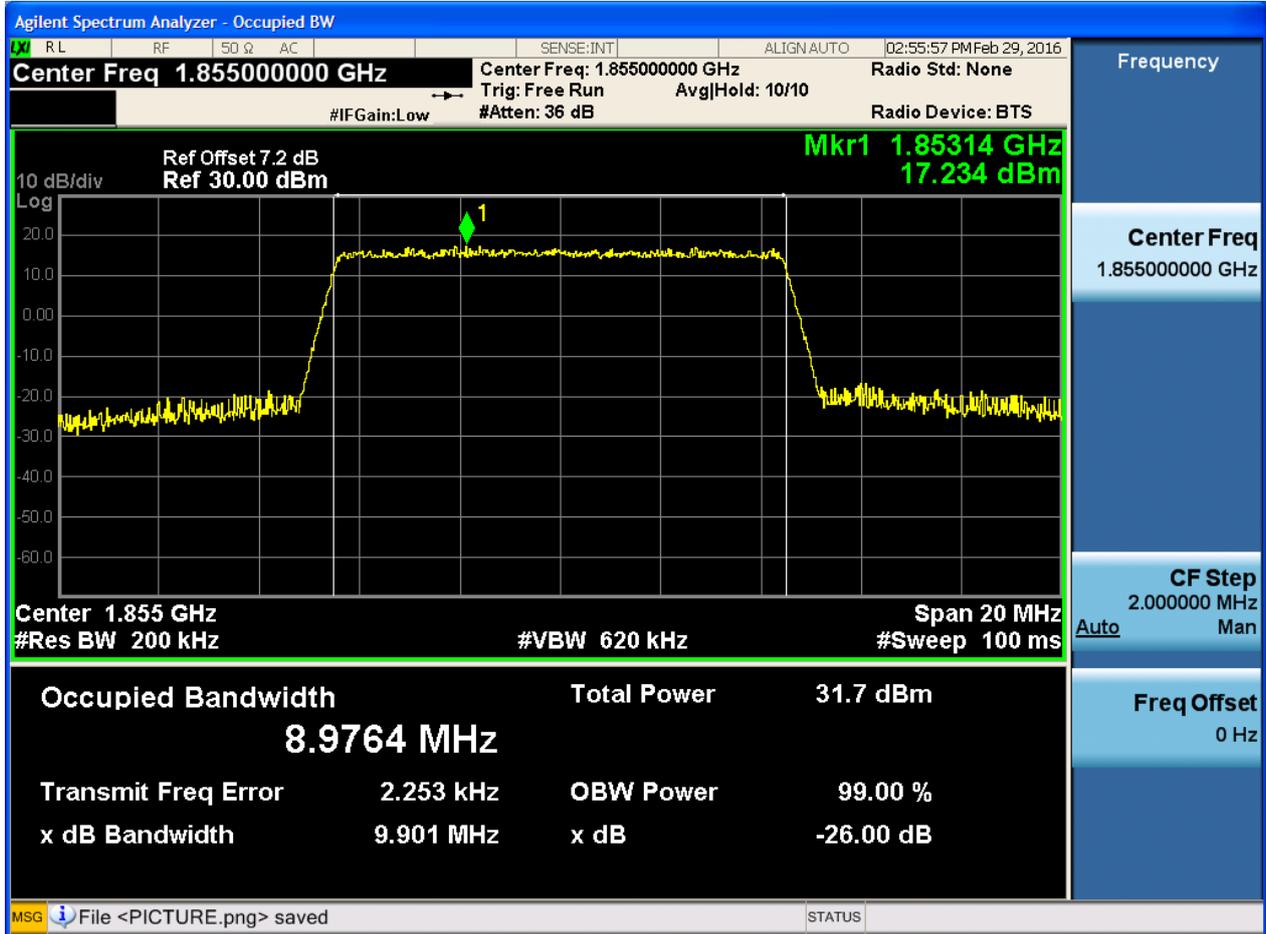




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

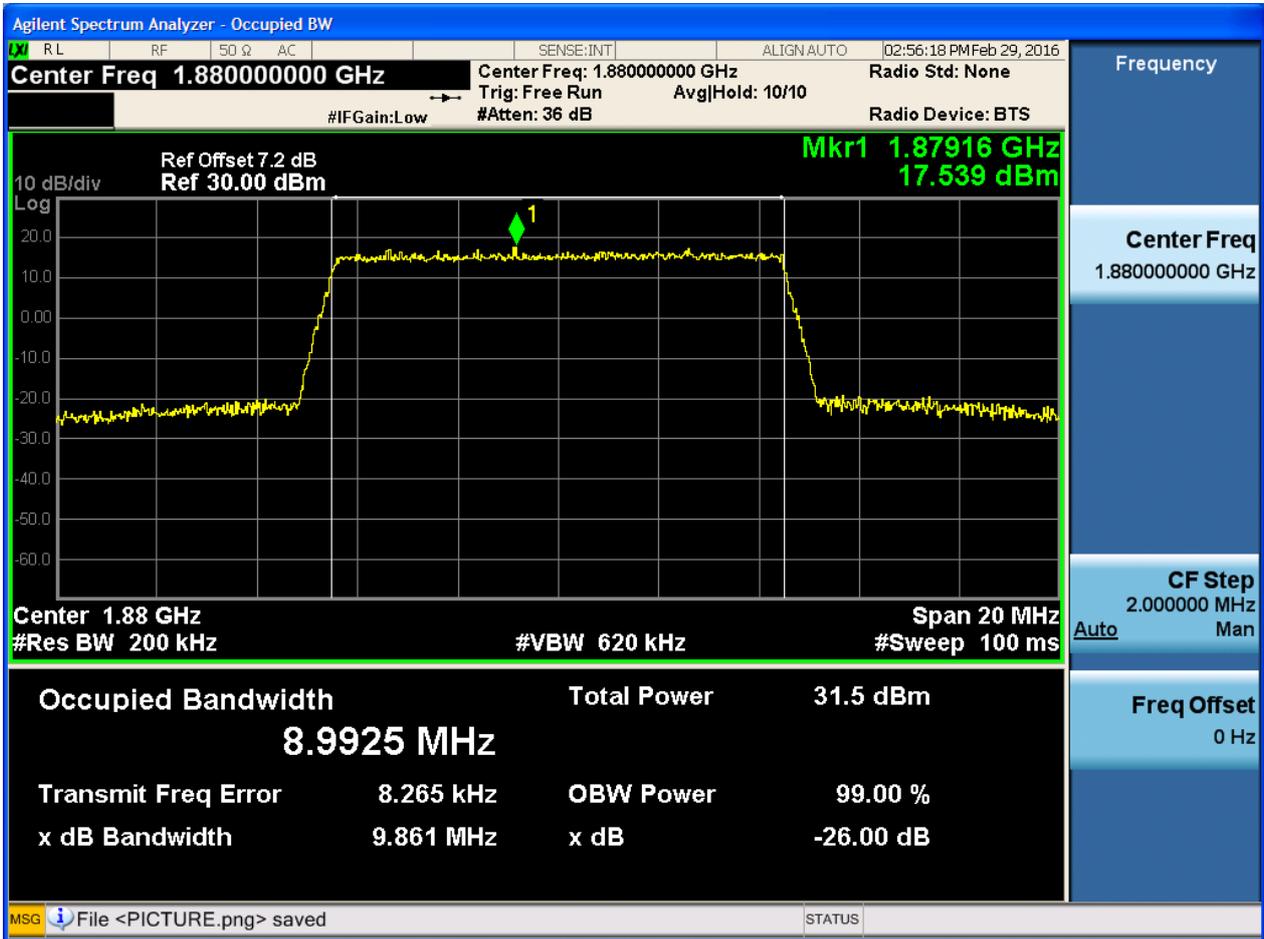
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

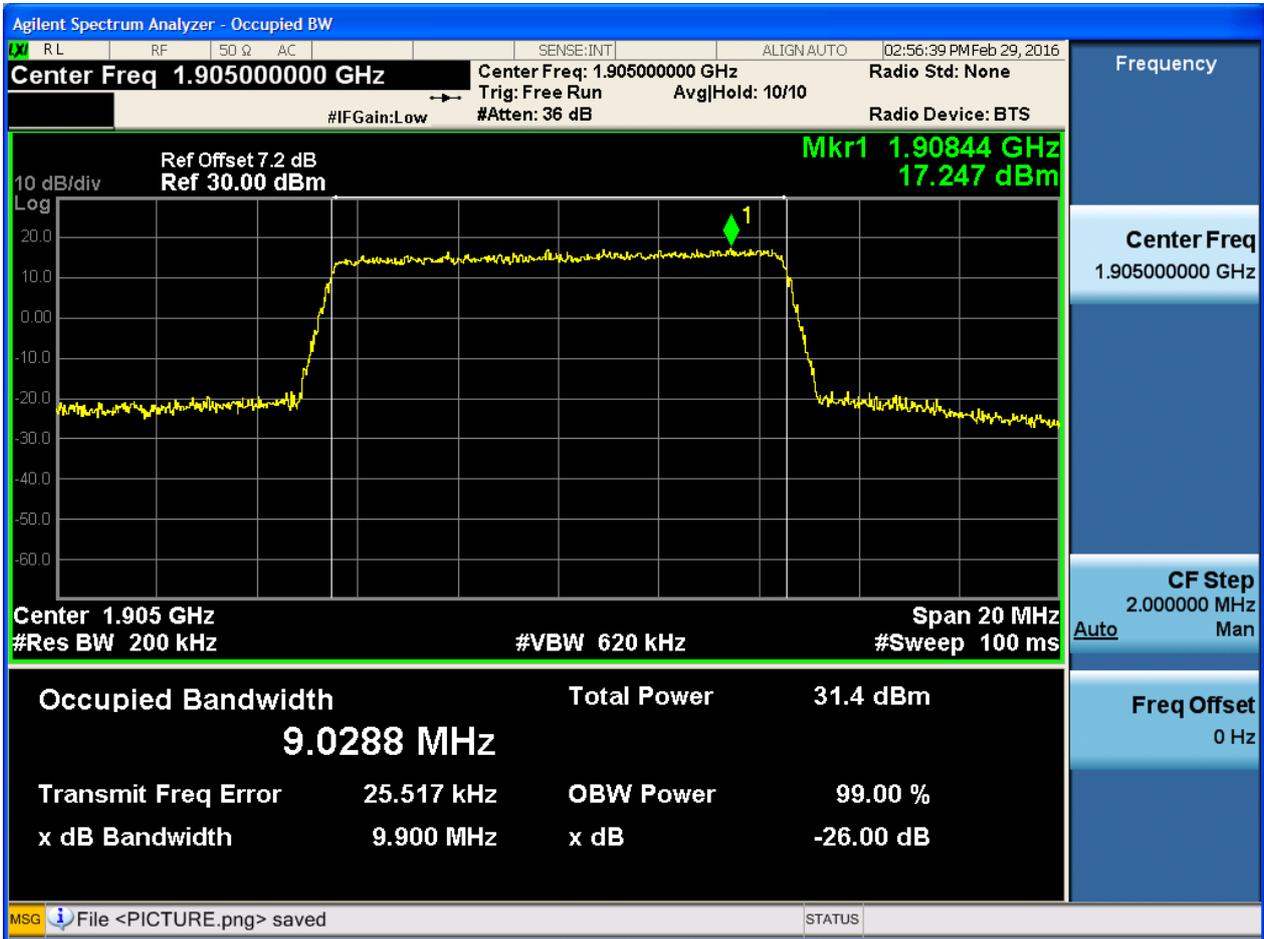
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

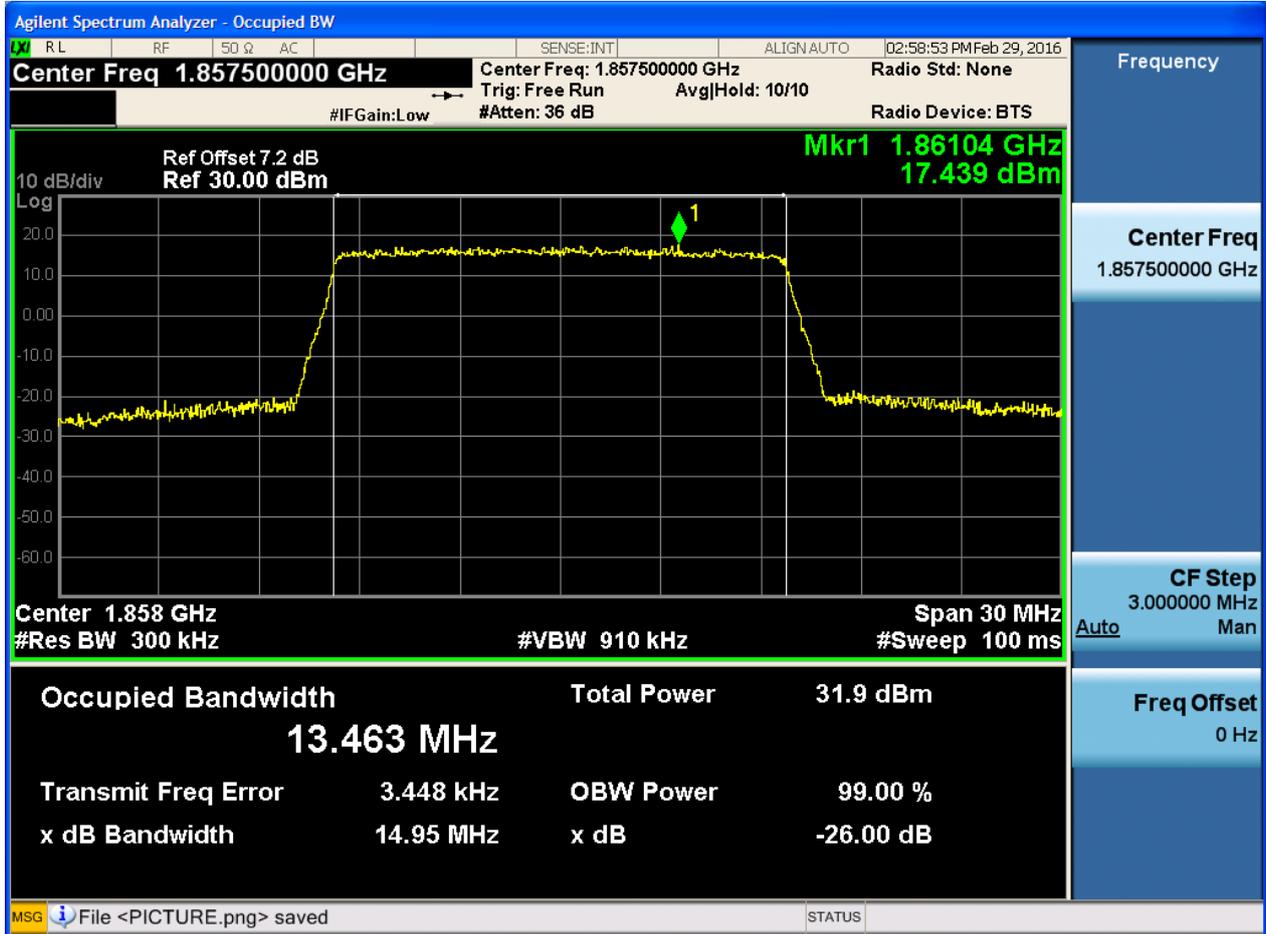




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

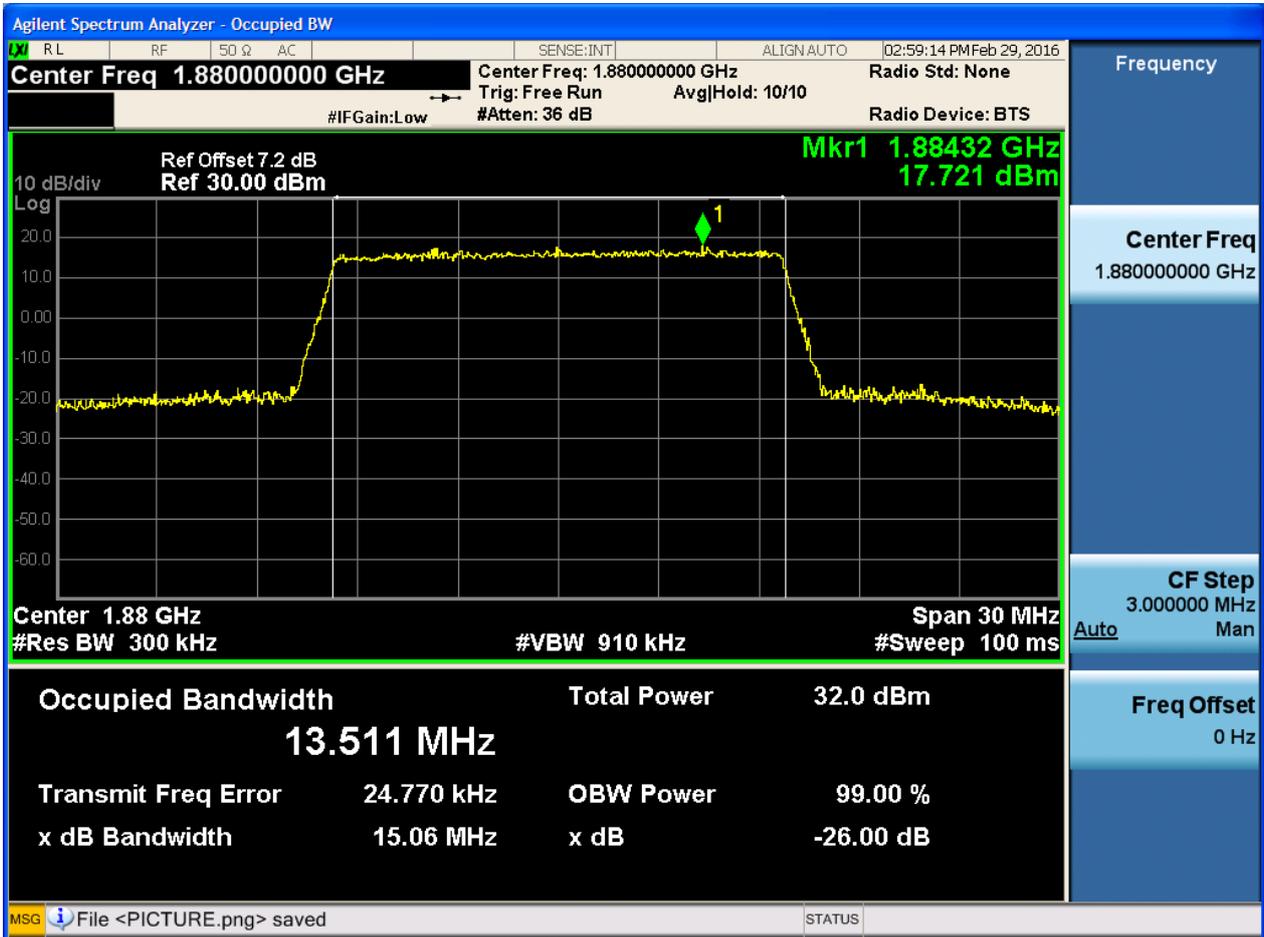
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

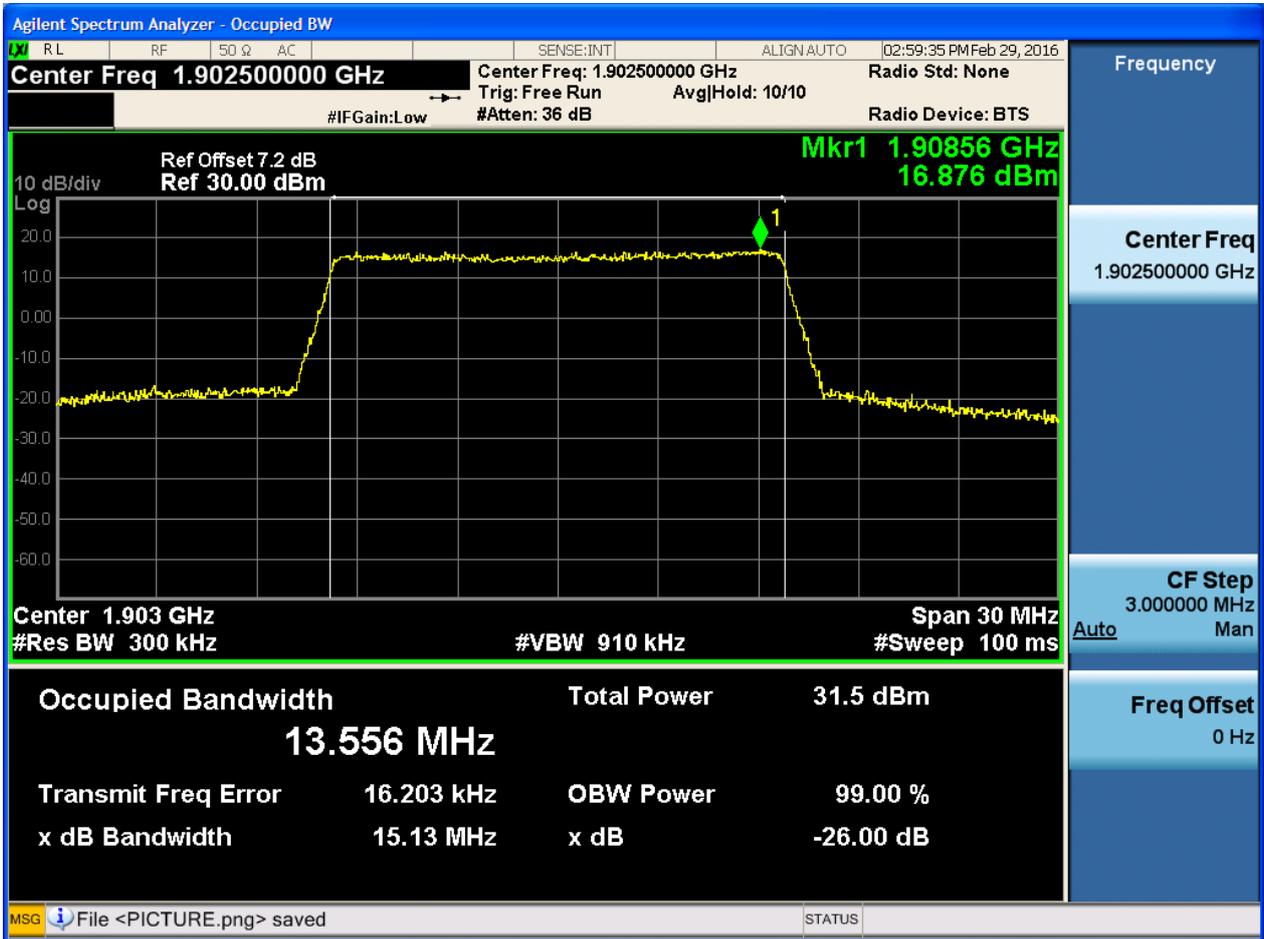
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

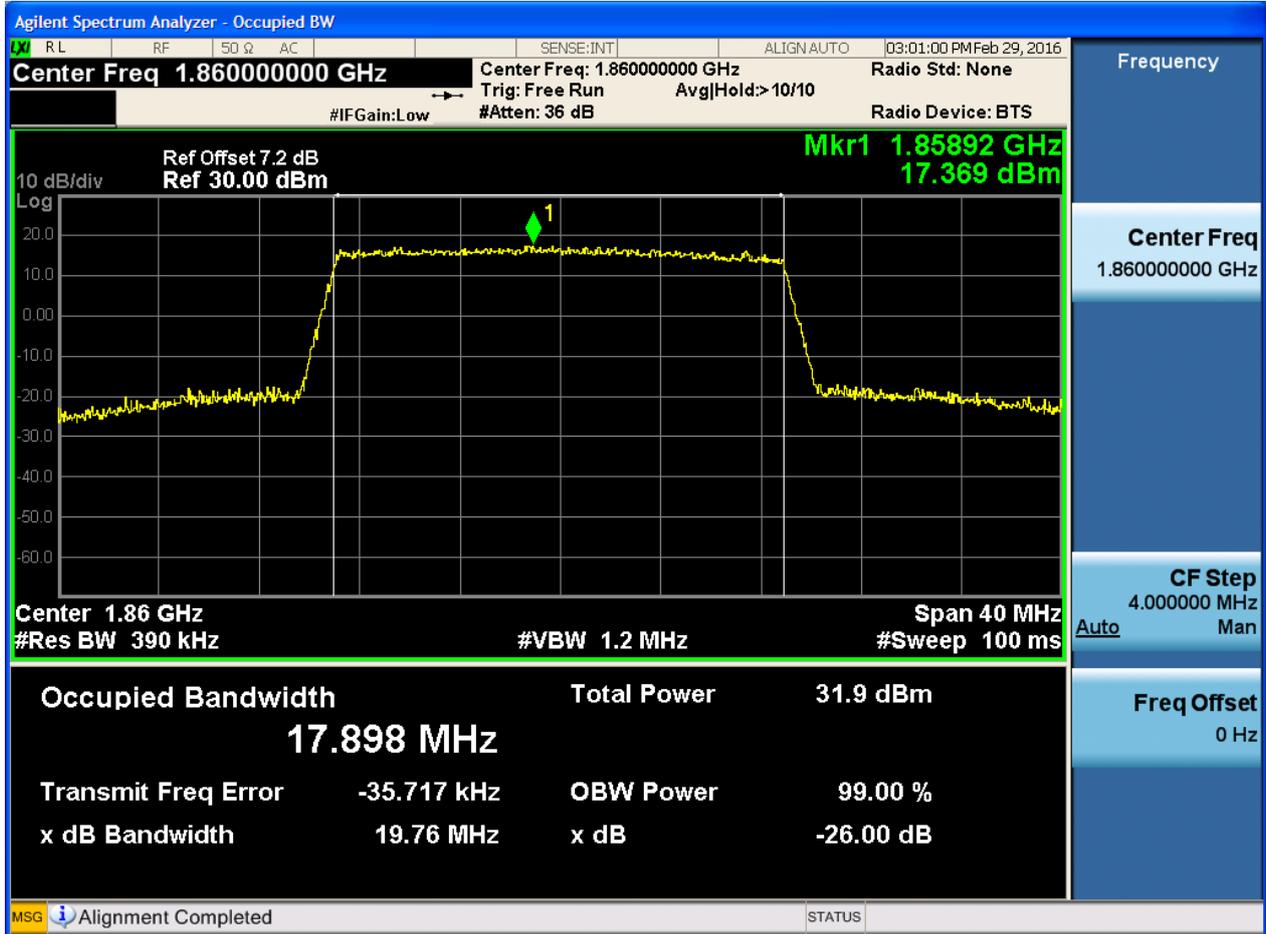




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

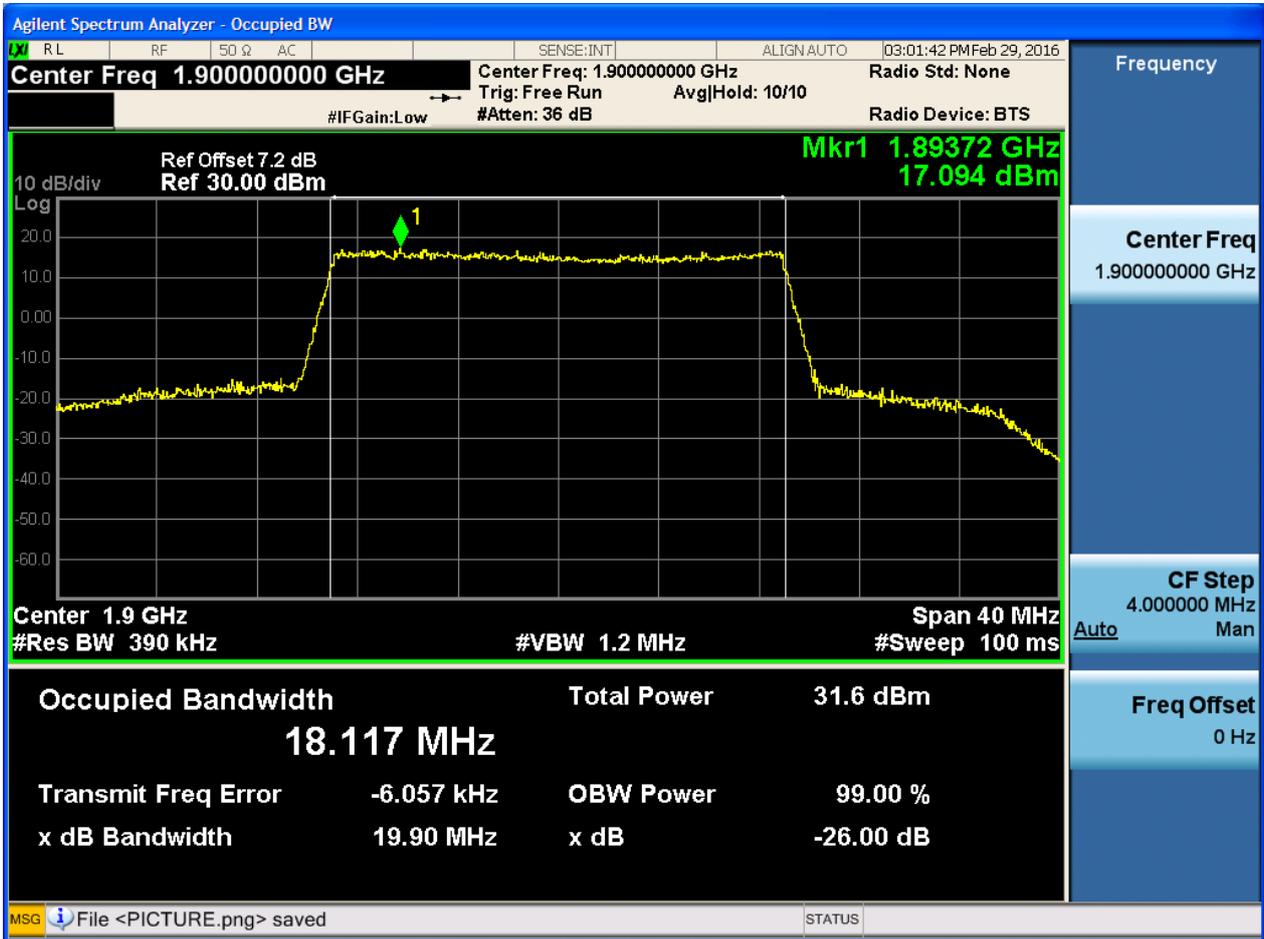
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



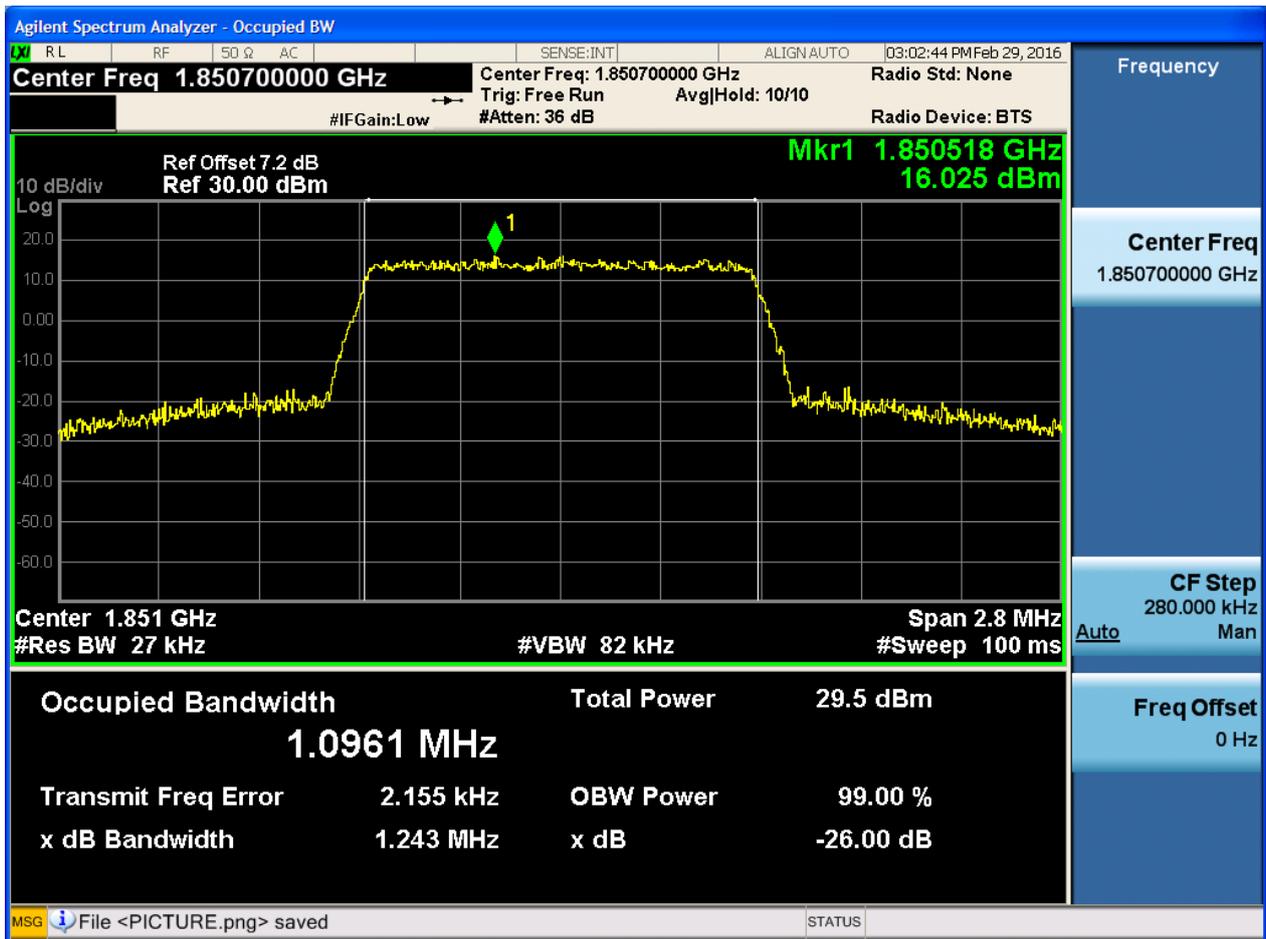


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

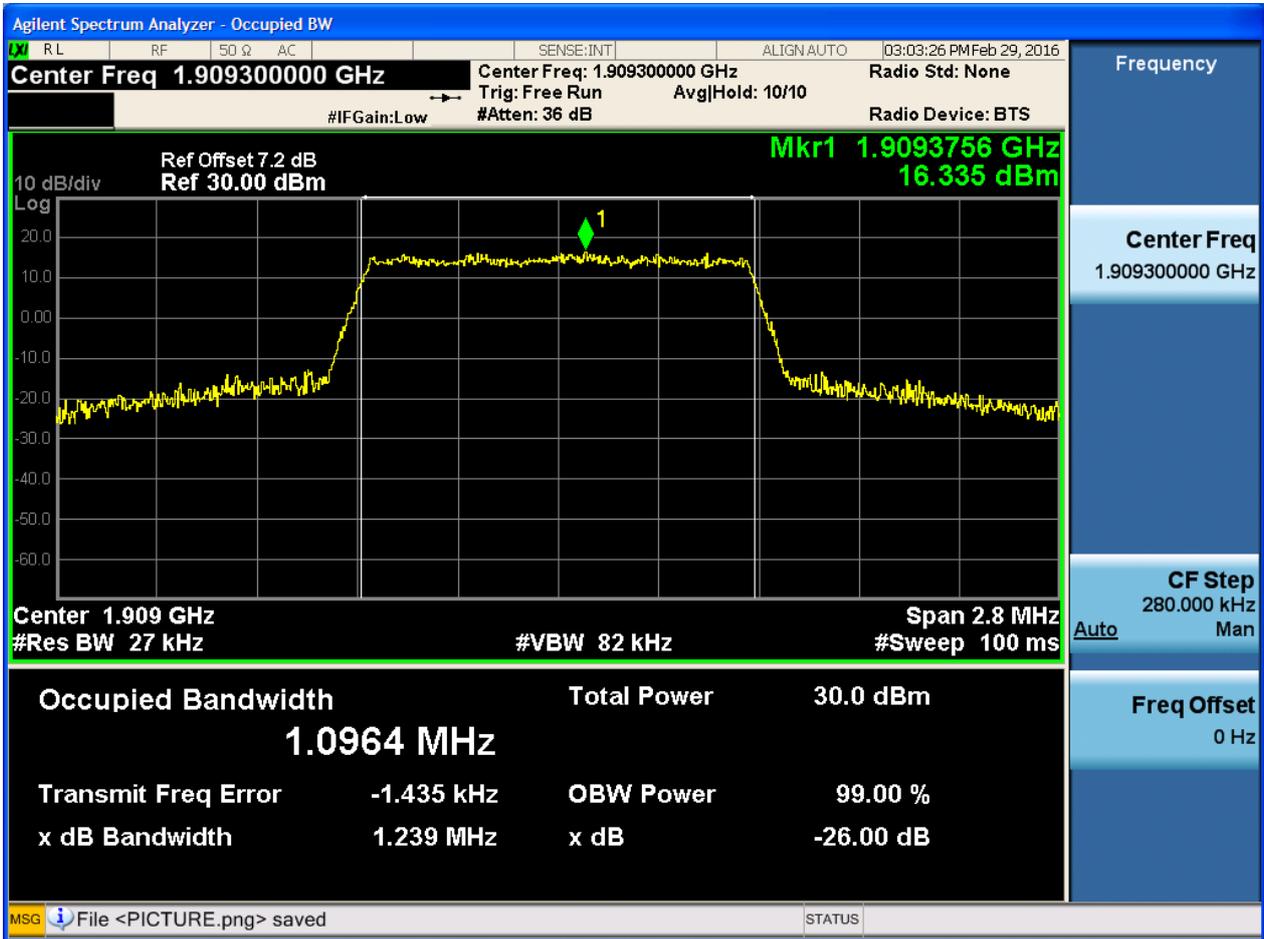
4.1.1.2.1.1 Test RB = RB6#0





### 4.1.1.2.1.3 Test Channel = HCH

#### 4.1.1.2.1.3.1 Test RB = RB6#0

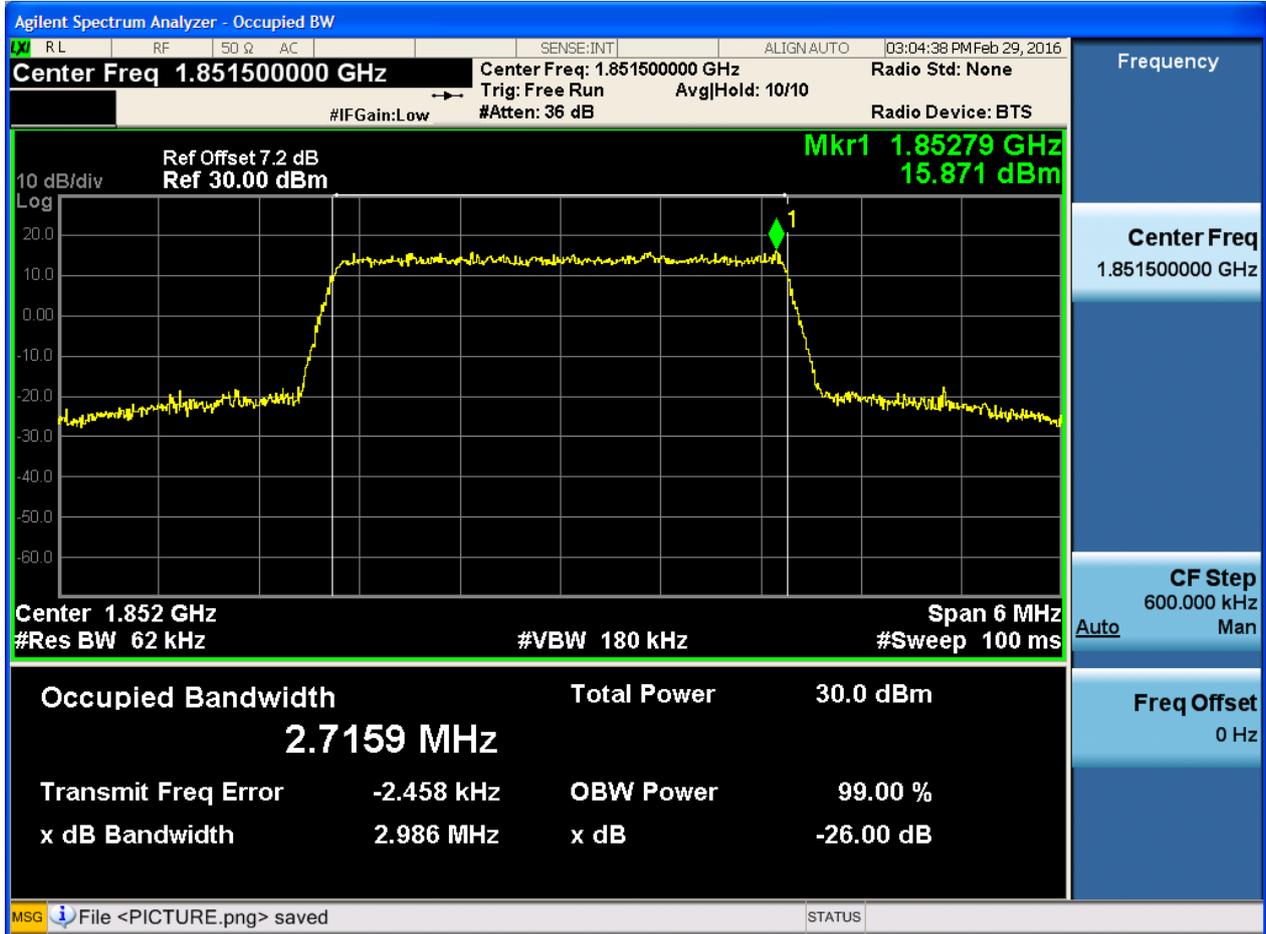




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

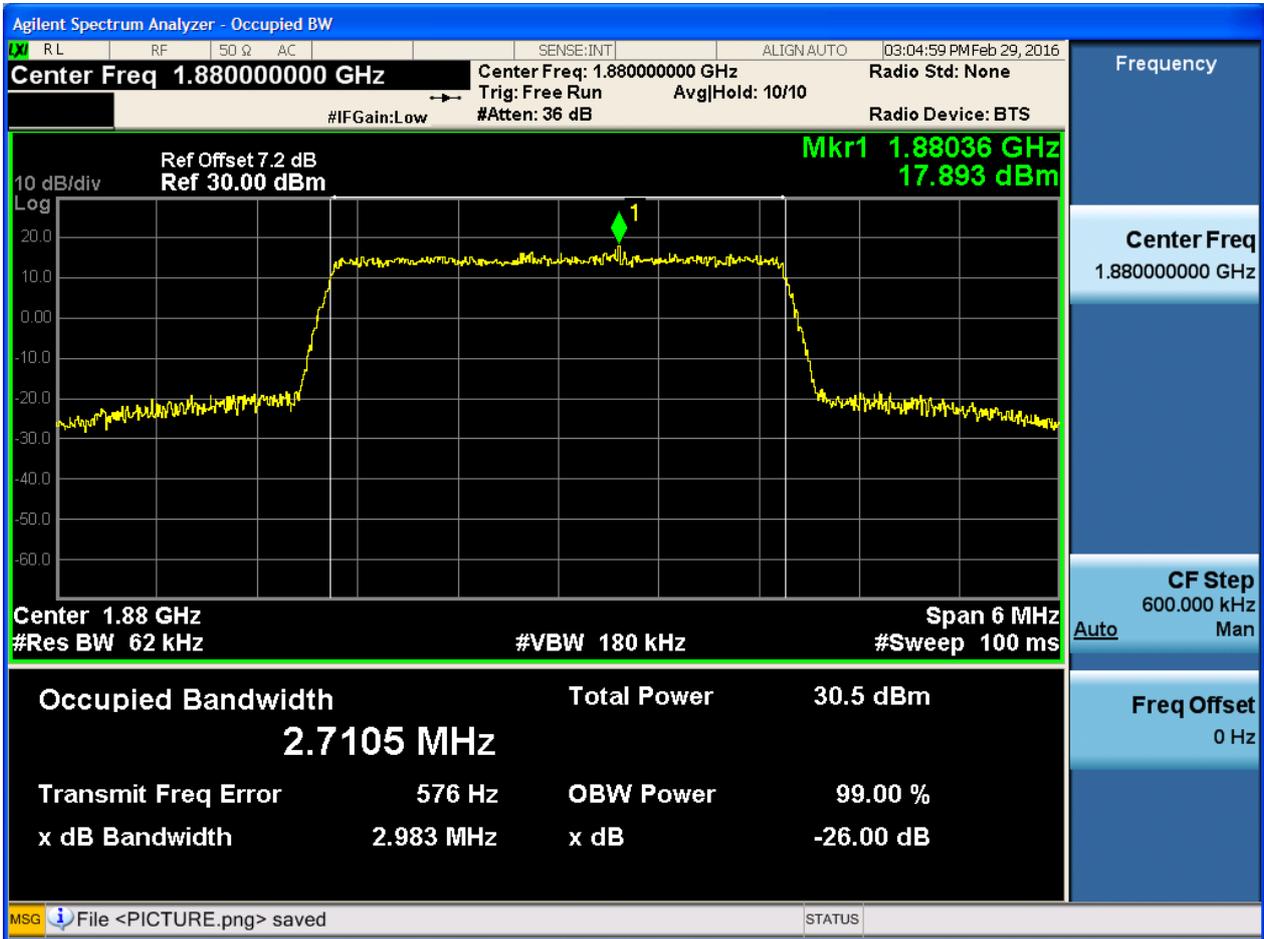
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

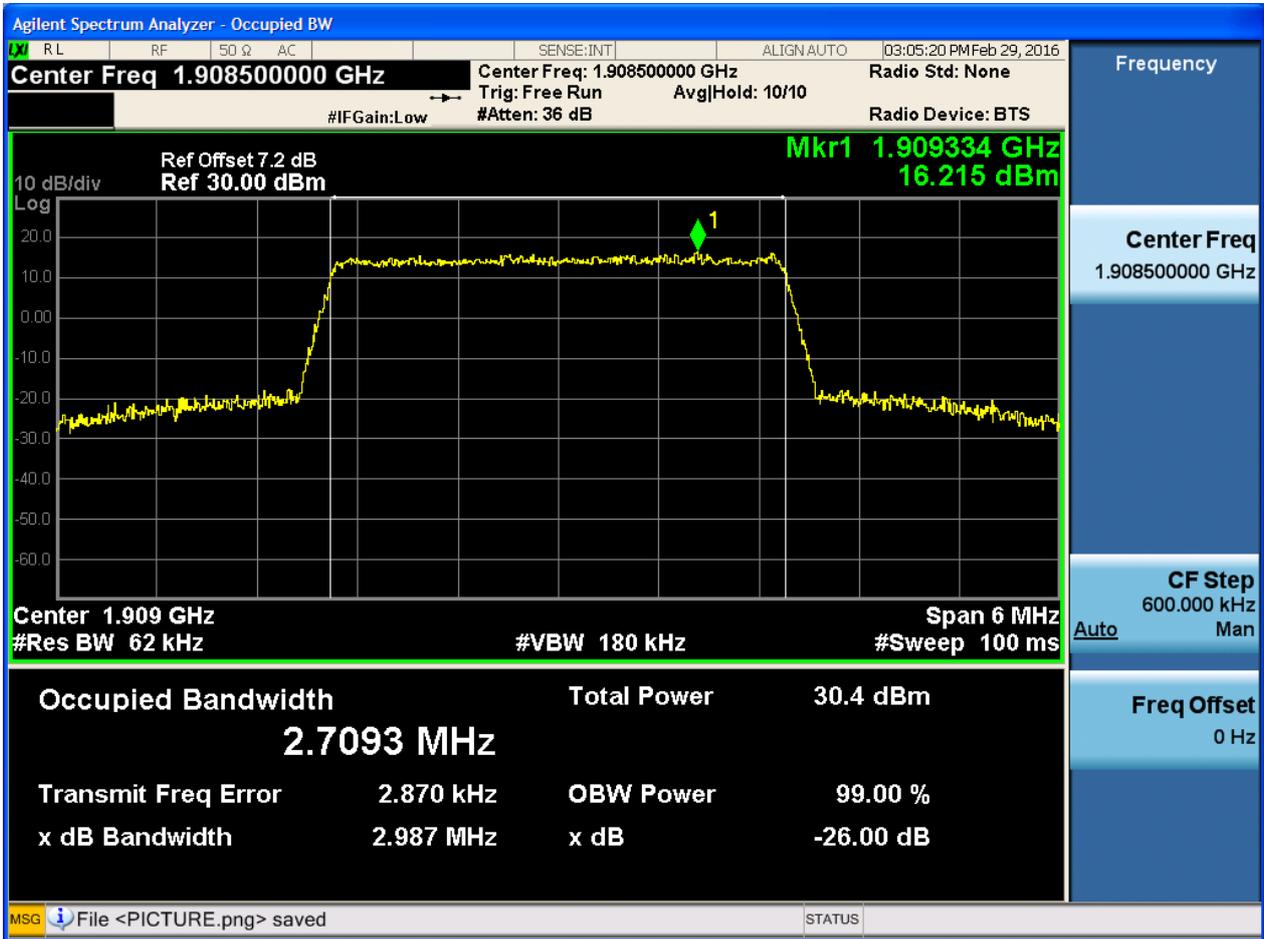
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

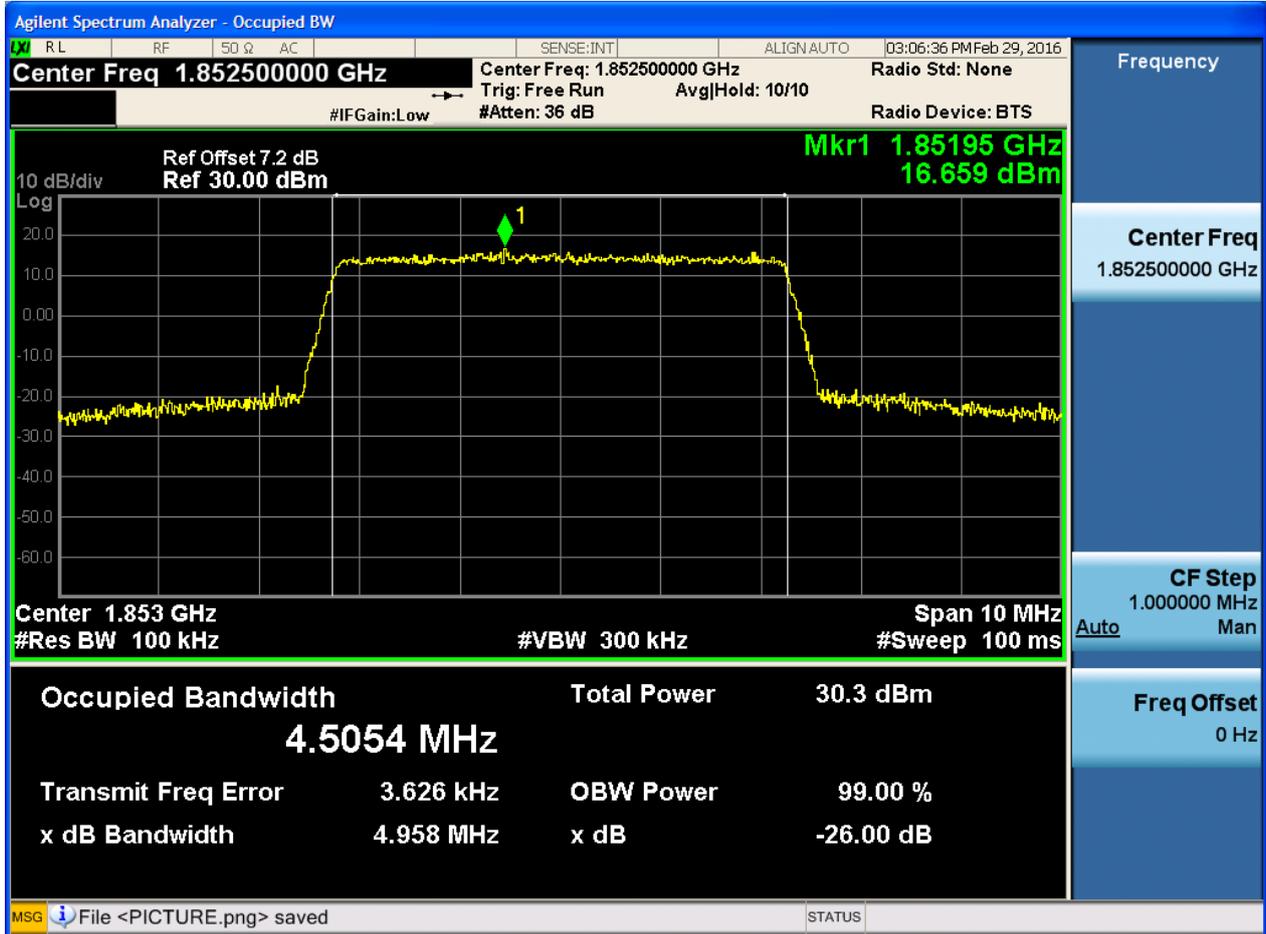




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

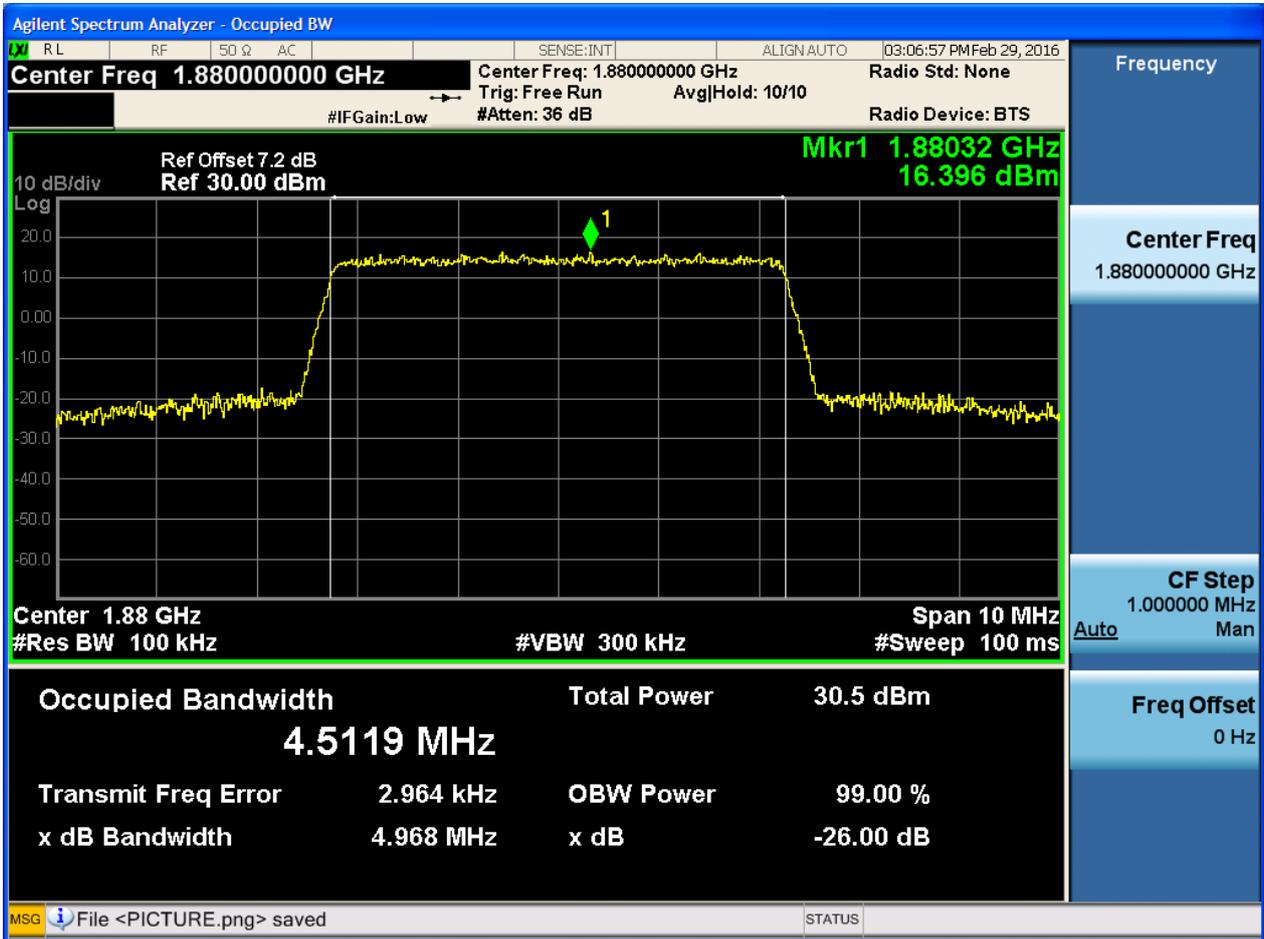
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

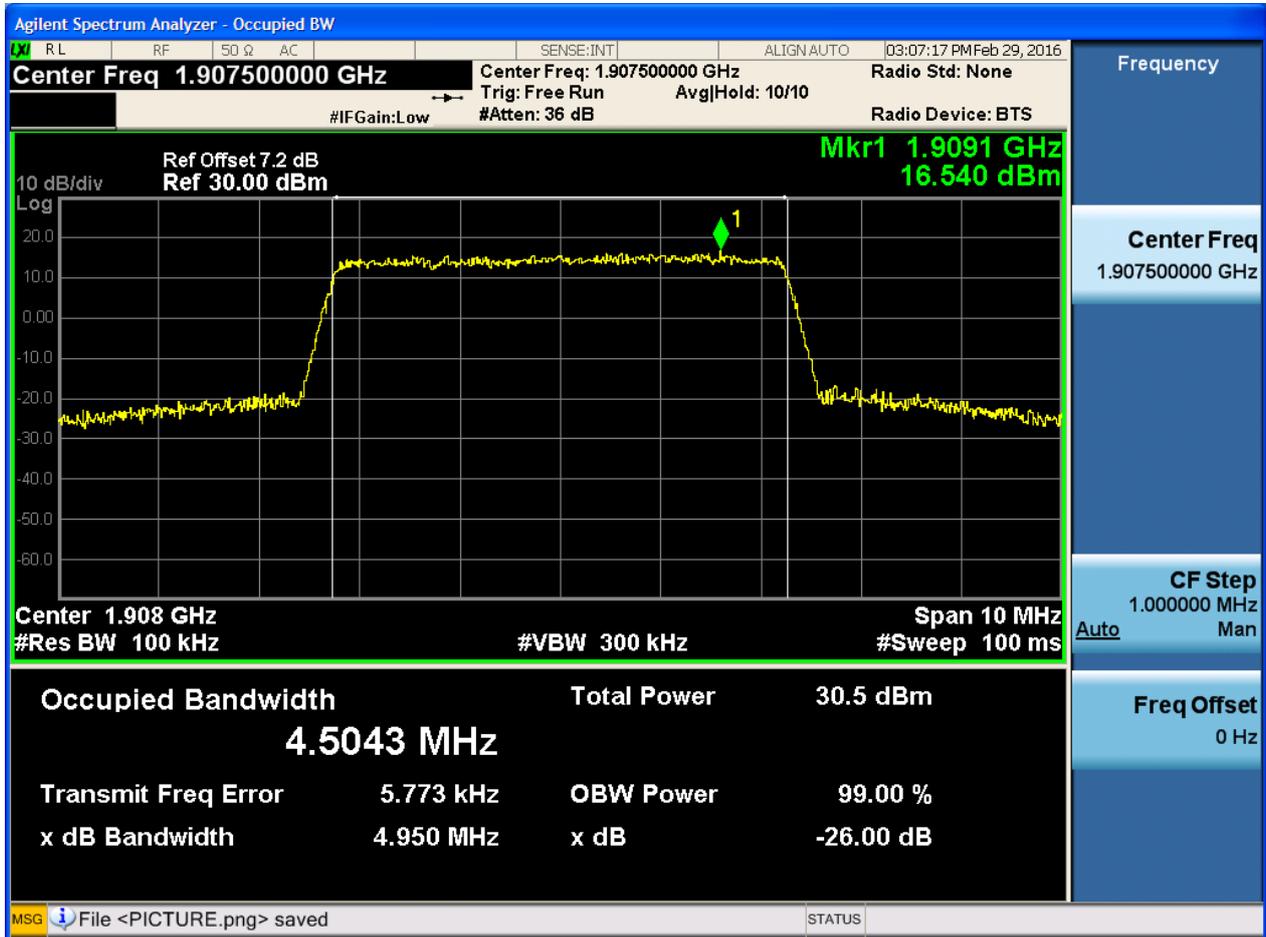
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

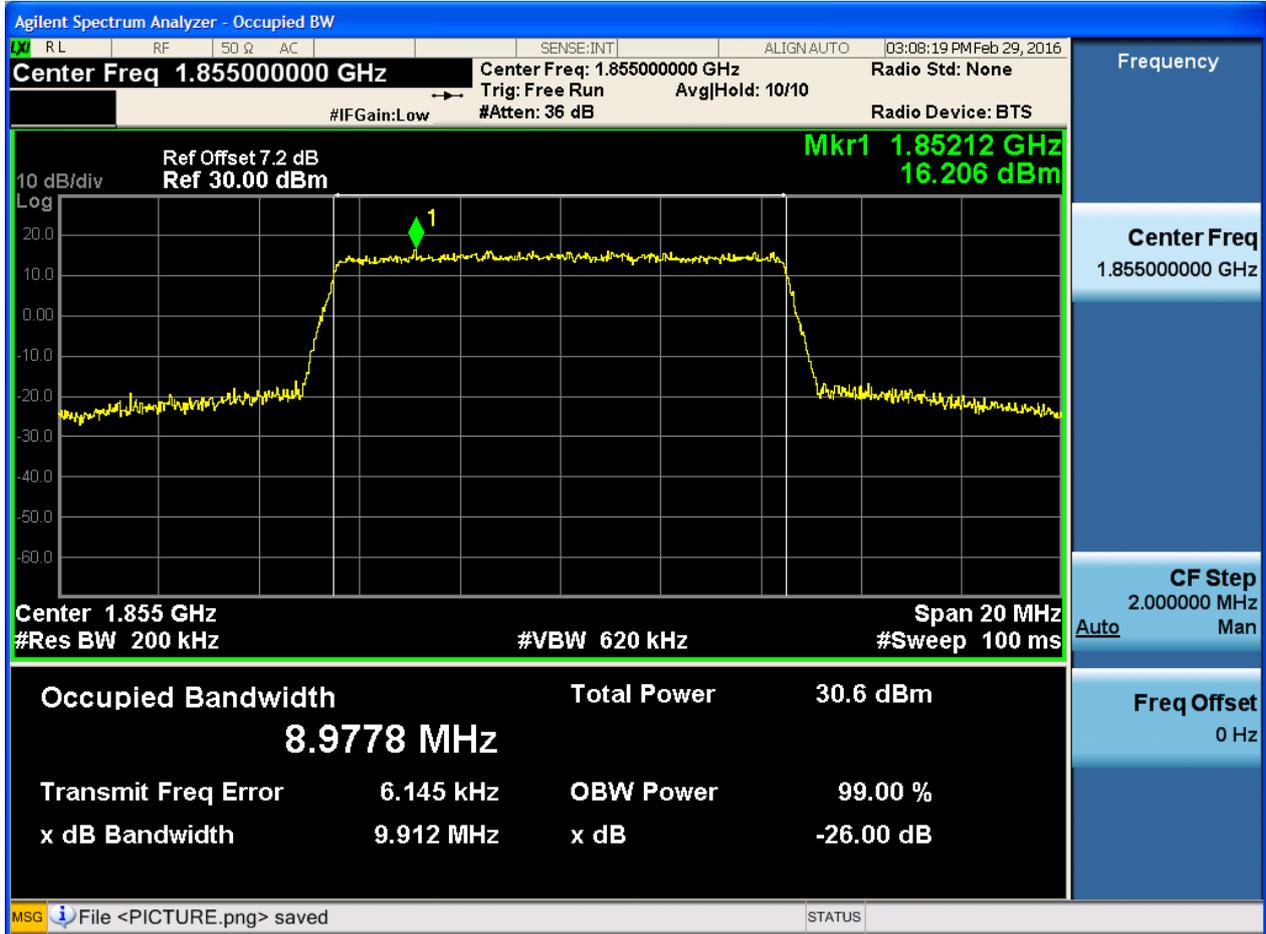




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

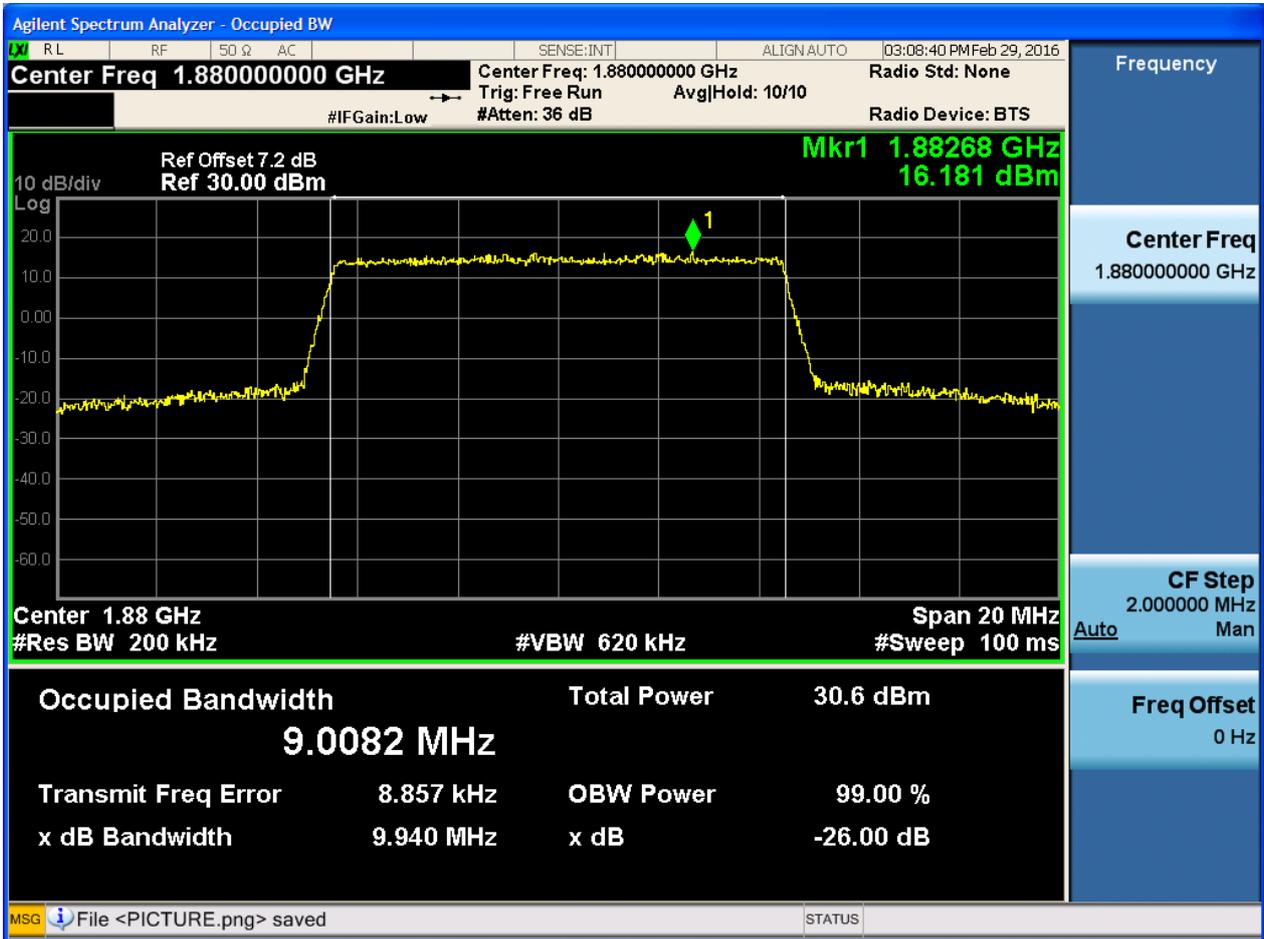
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

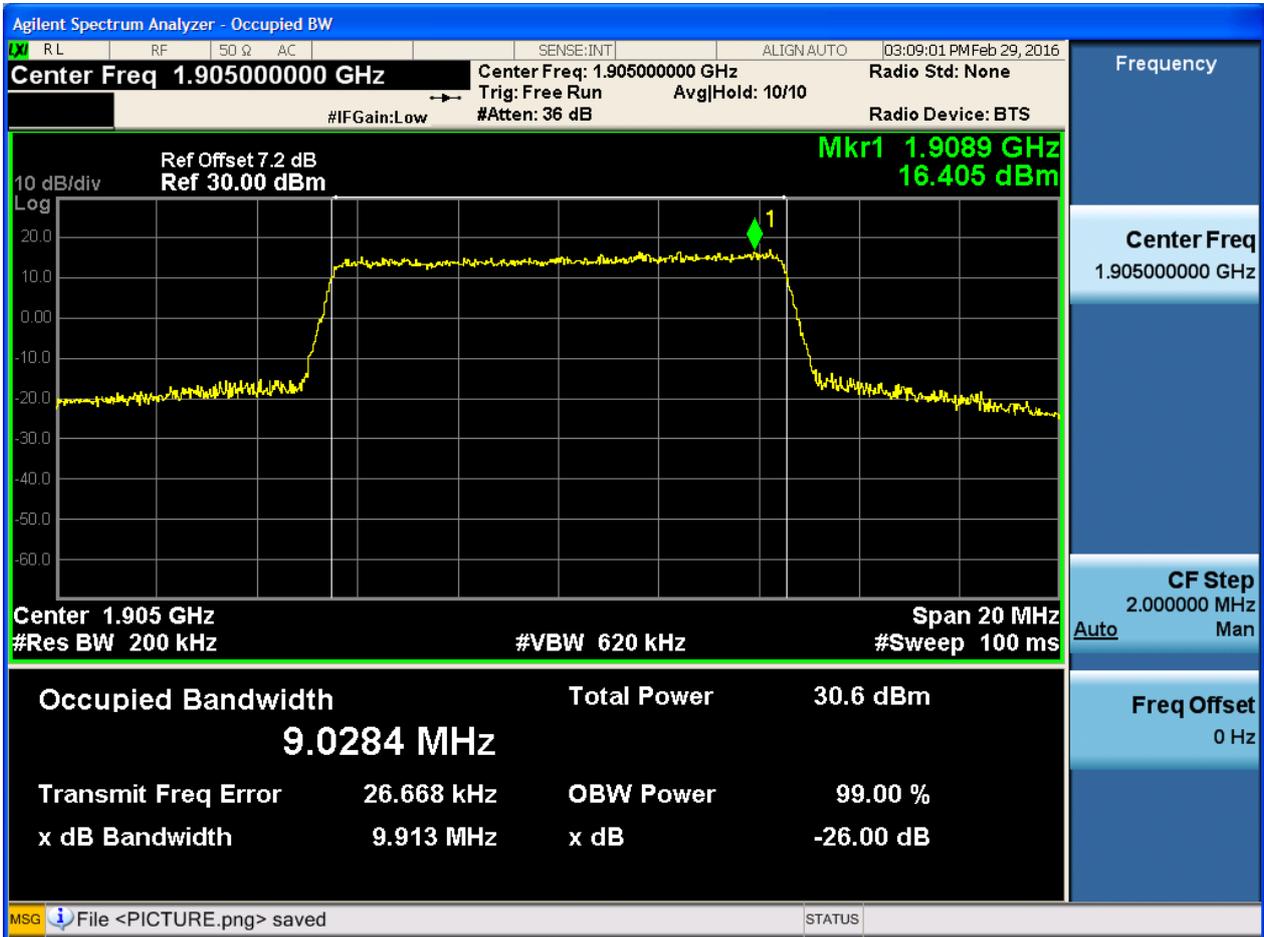
4.1.1.2.4.2.1 Test RB = RB50#0





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

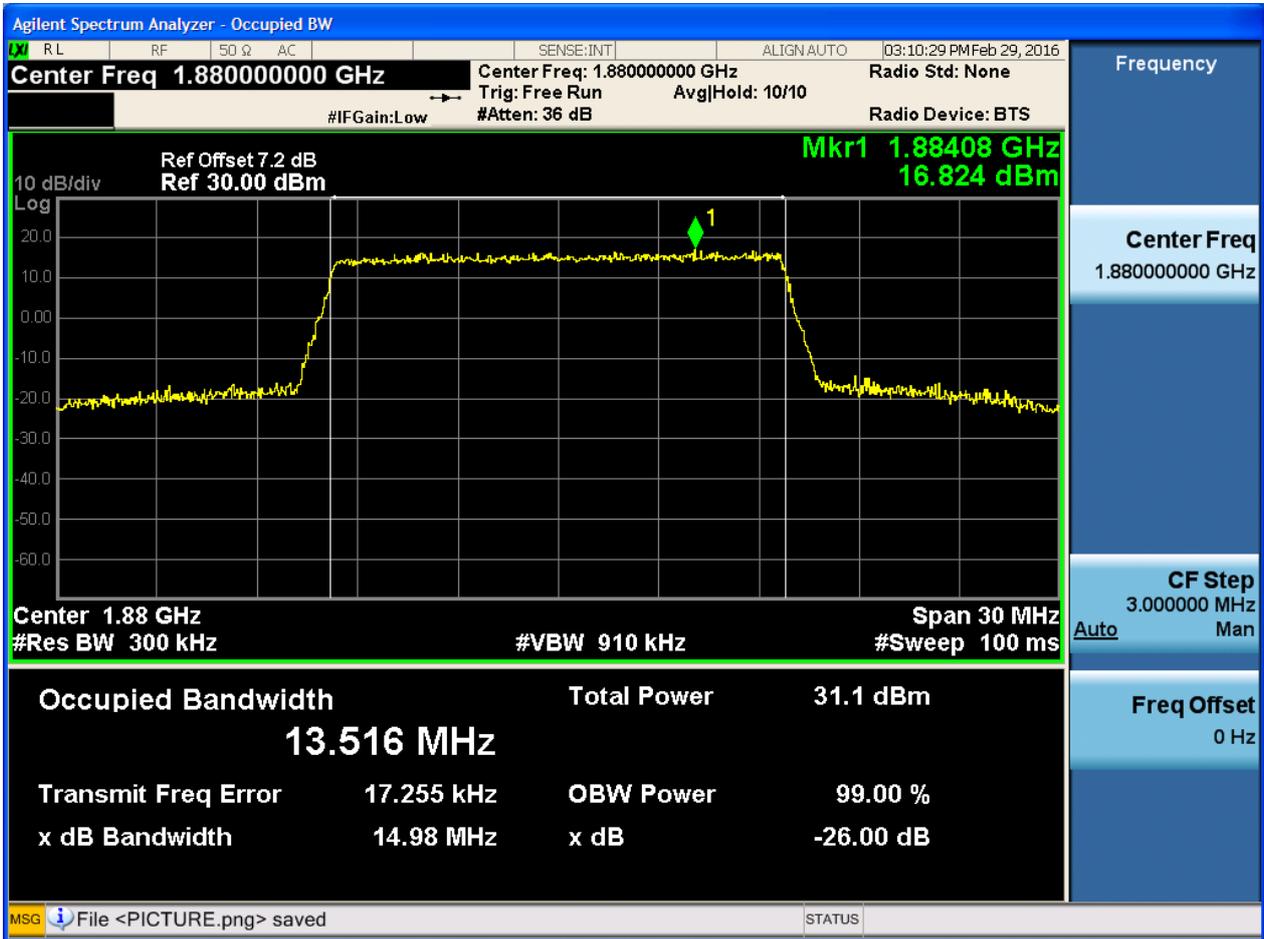
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

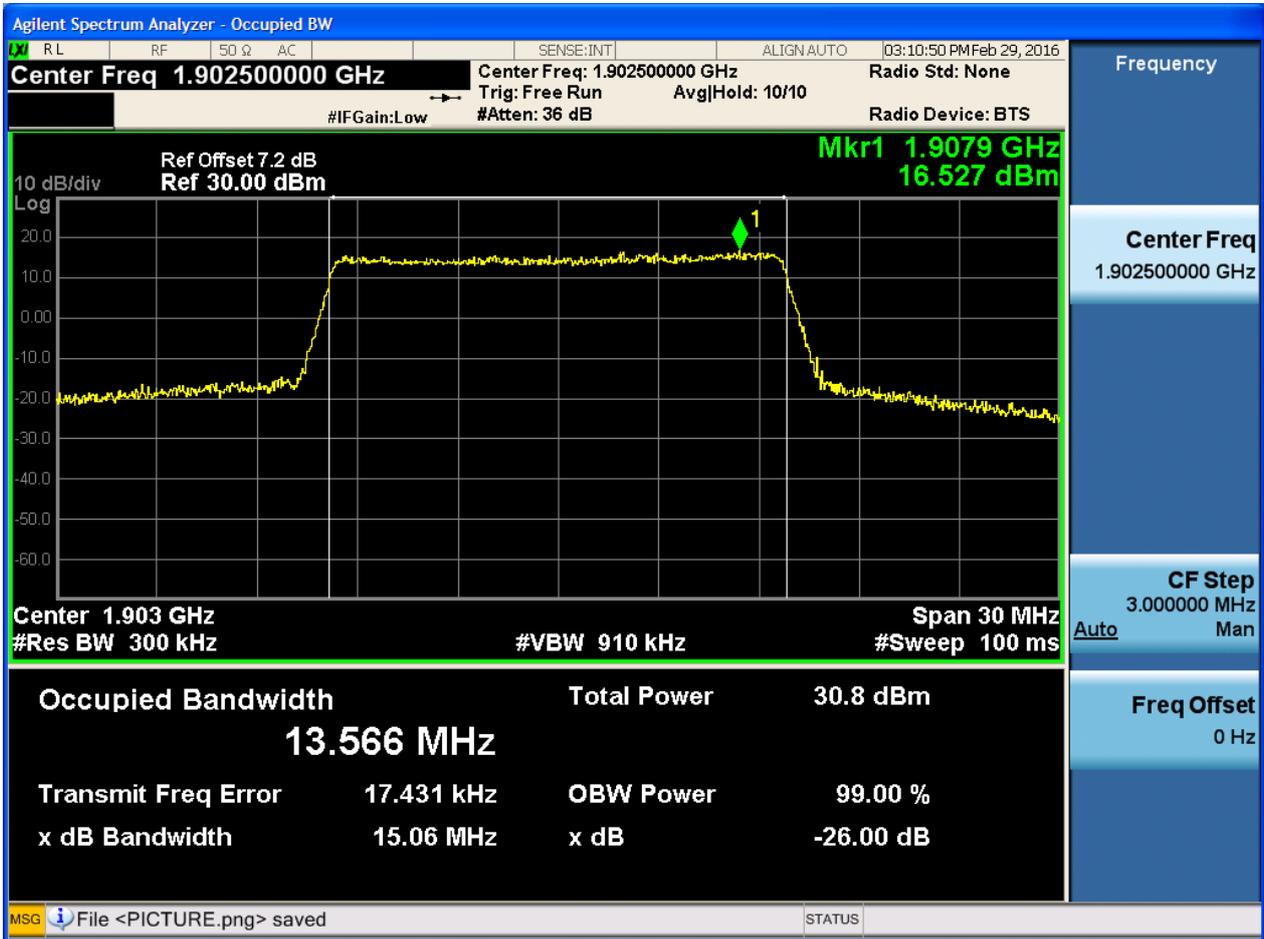
4.1.1.2.5.2.1 Test RB = RB75#0





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

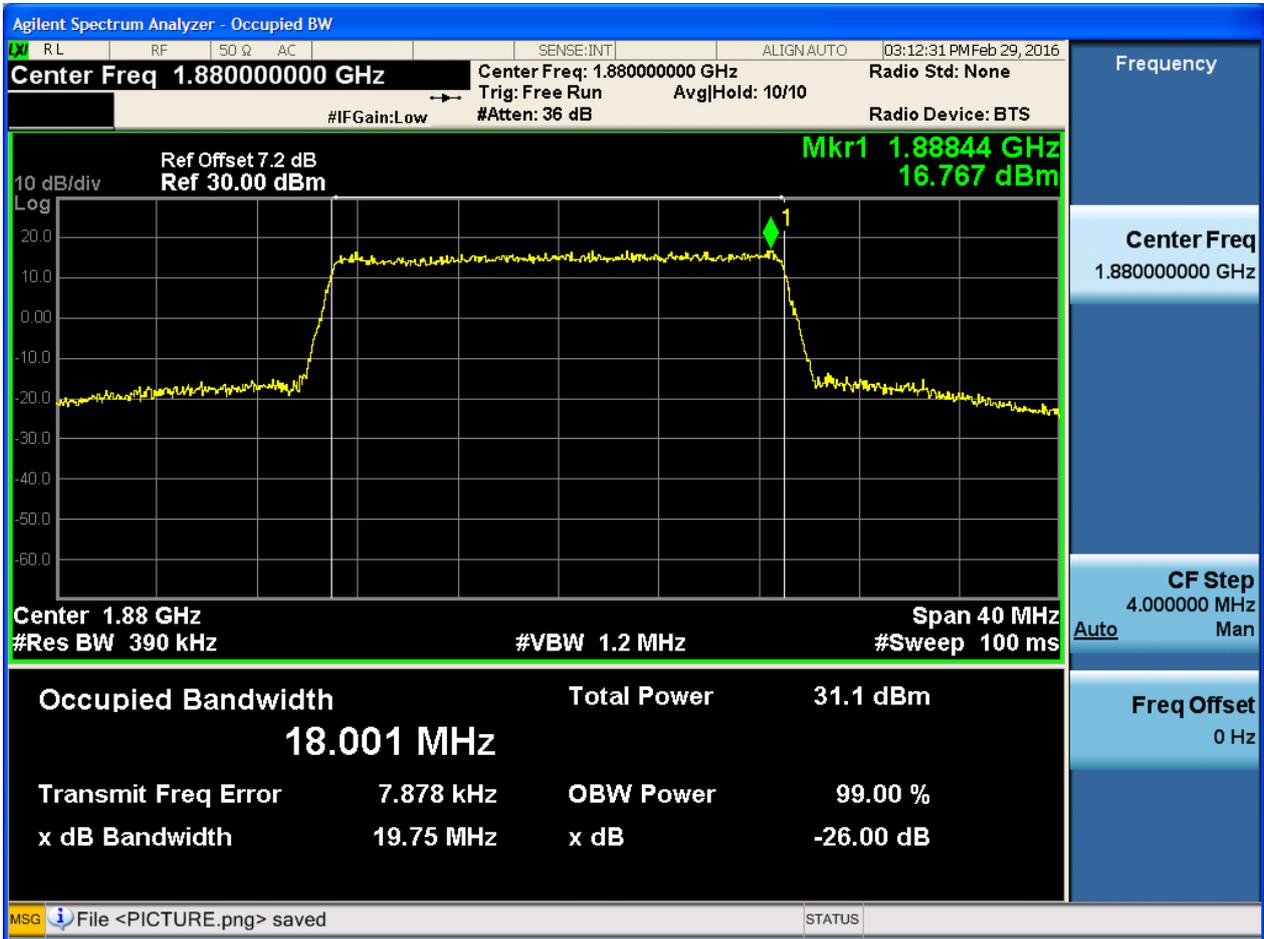
4.1.1.2.6.1.1 Test RB = RB100#0





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

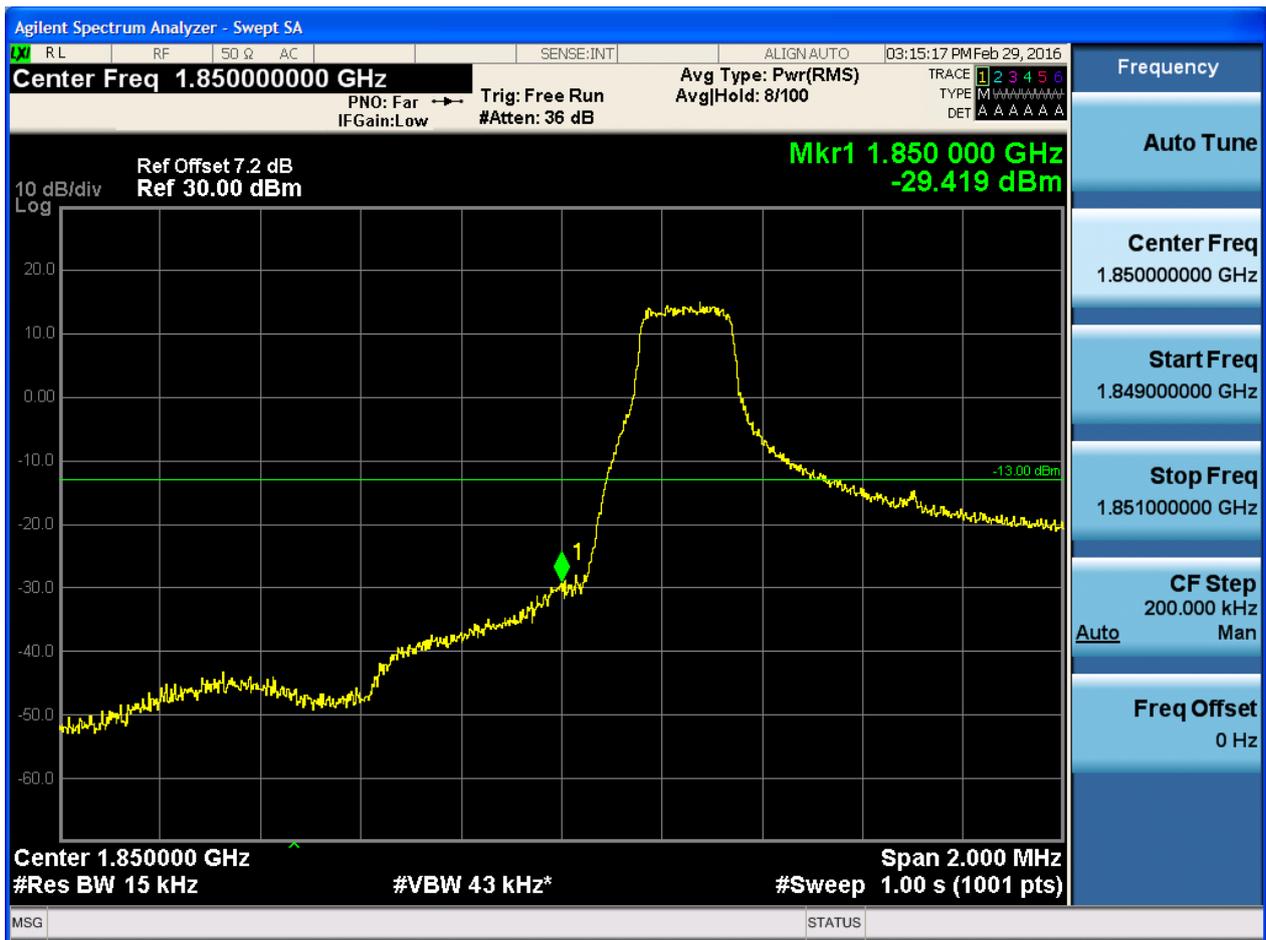
##### 5.1.1 Test Band = BAND2

##### 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



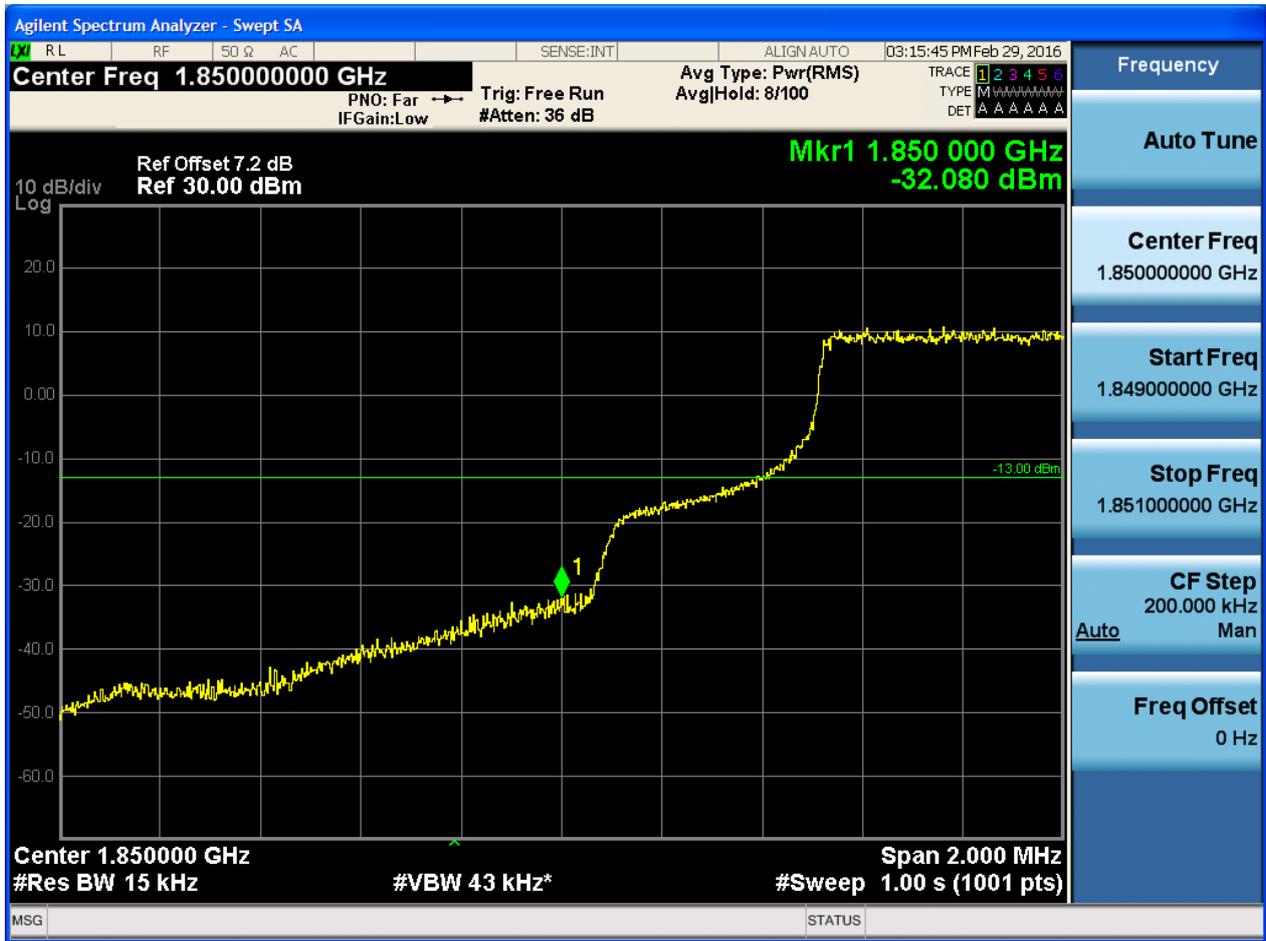


5.1.1.1.1.2 Test RB = RB1#5



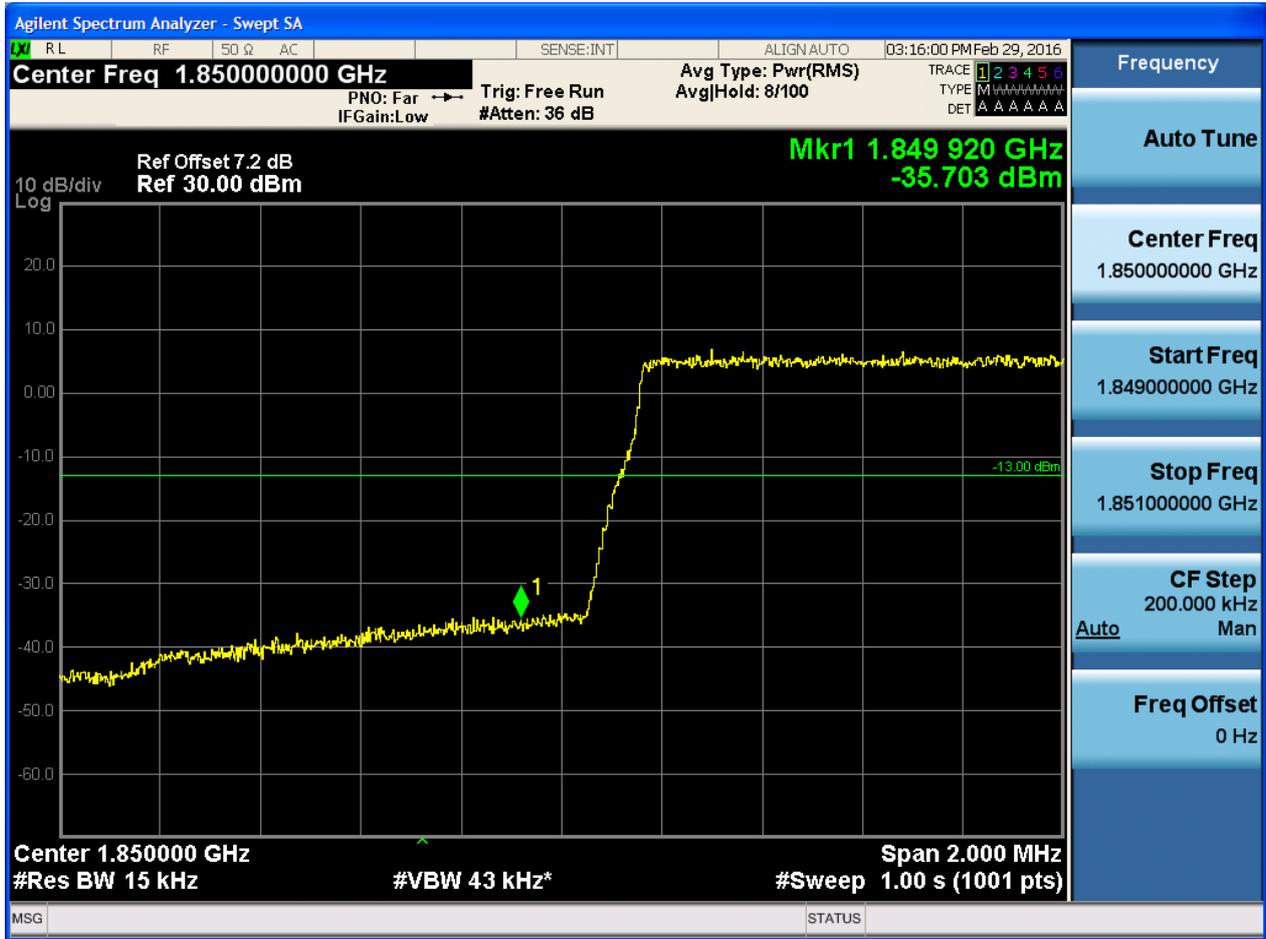


5.1.1.1.1.3 Test RB = RB3#2





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





5.1.1.1.1.2.3 Test RB = RB3#2



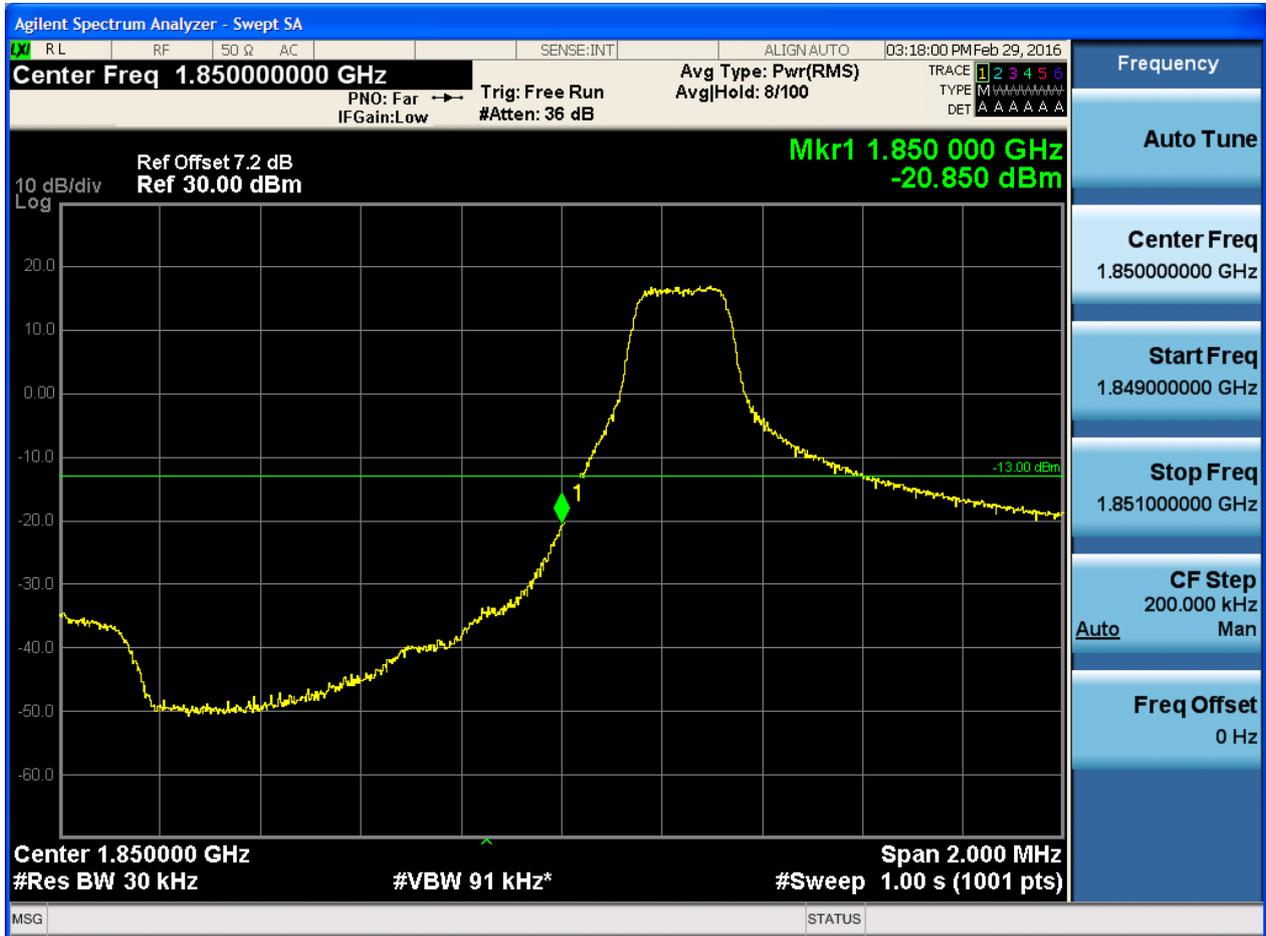




5.1.1.1.2 Test Bandwidth = 3

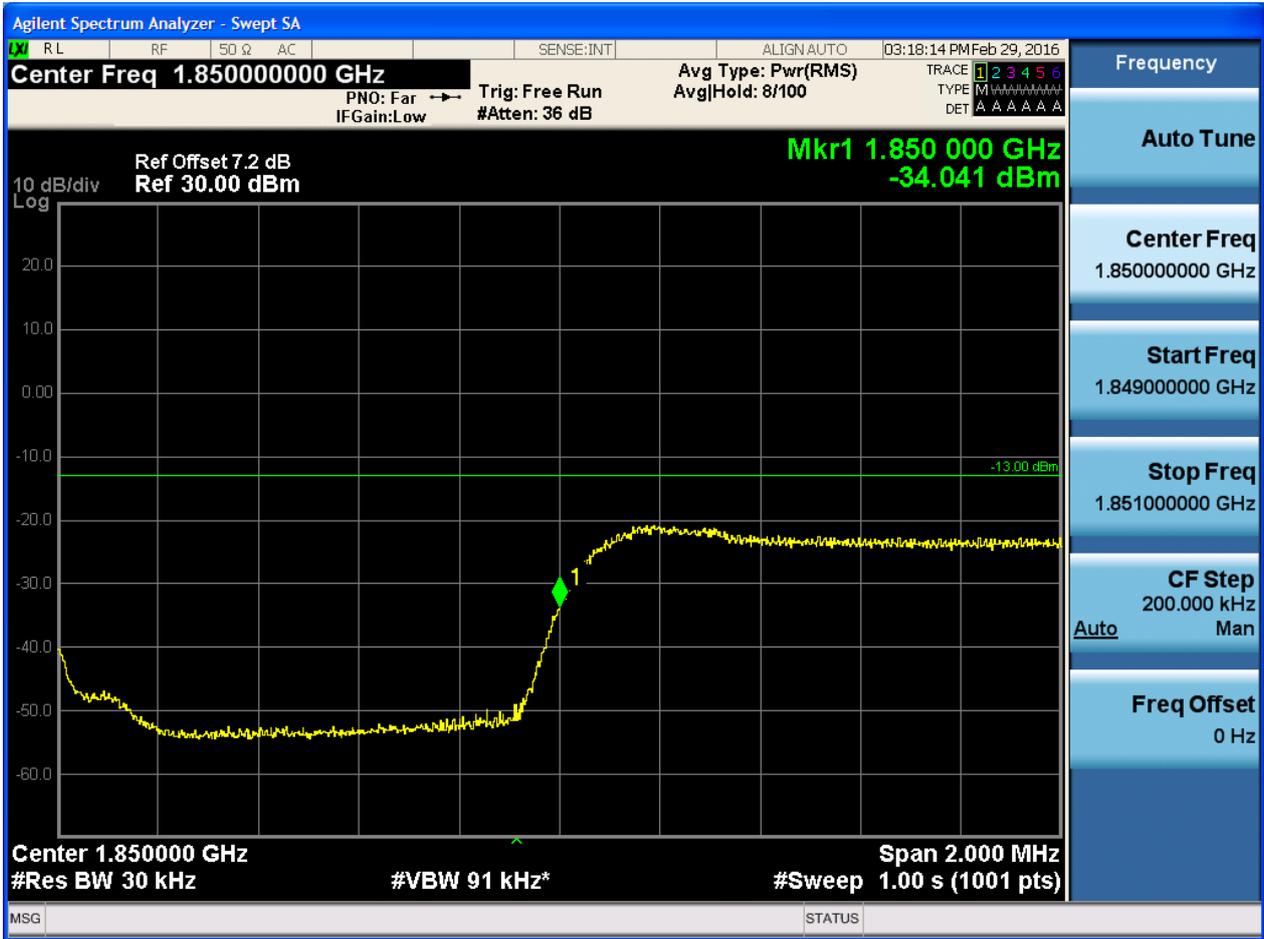
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



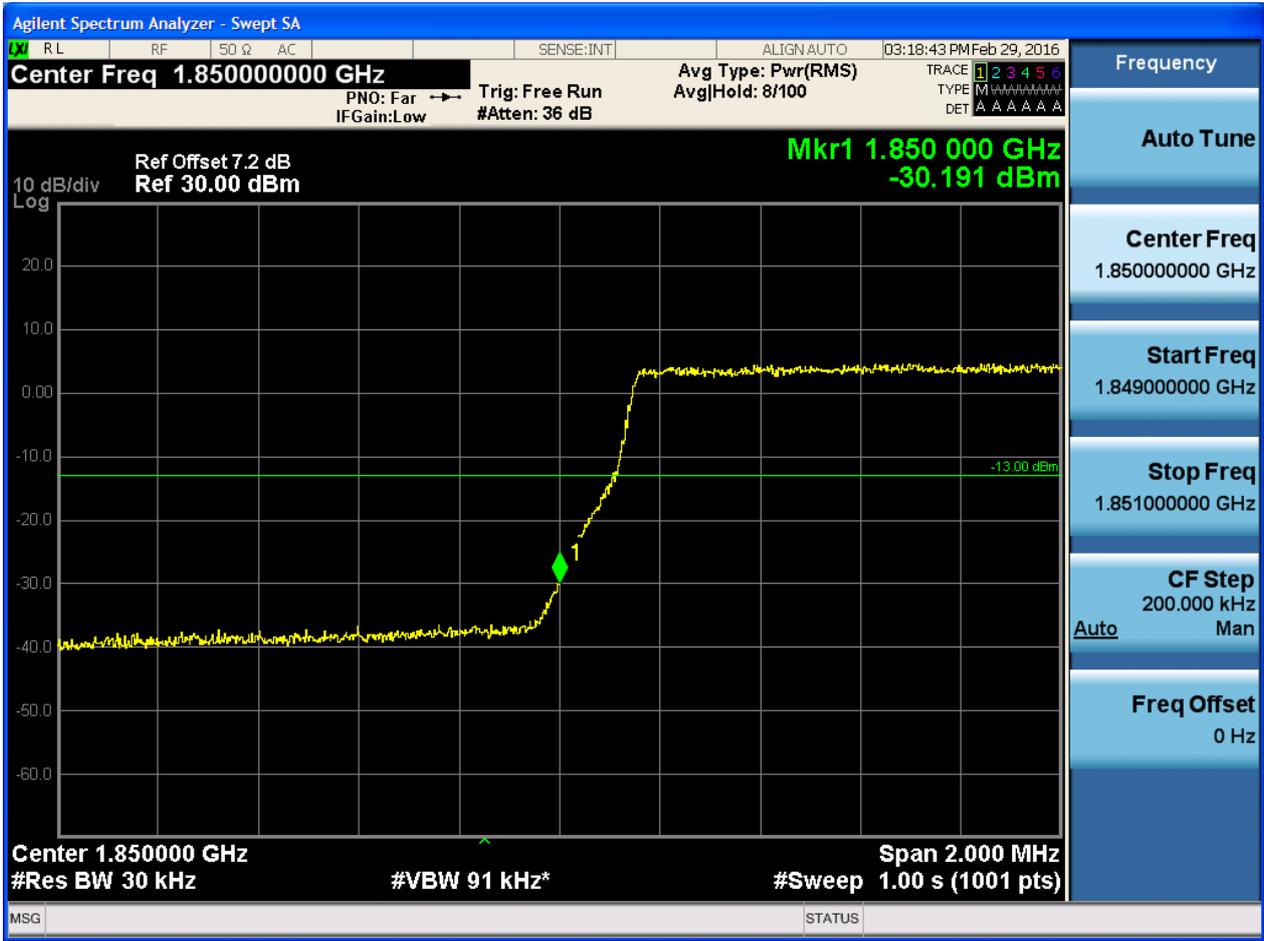


5.1.1.1.2.1.3 Test RB = RB#4





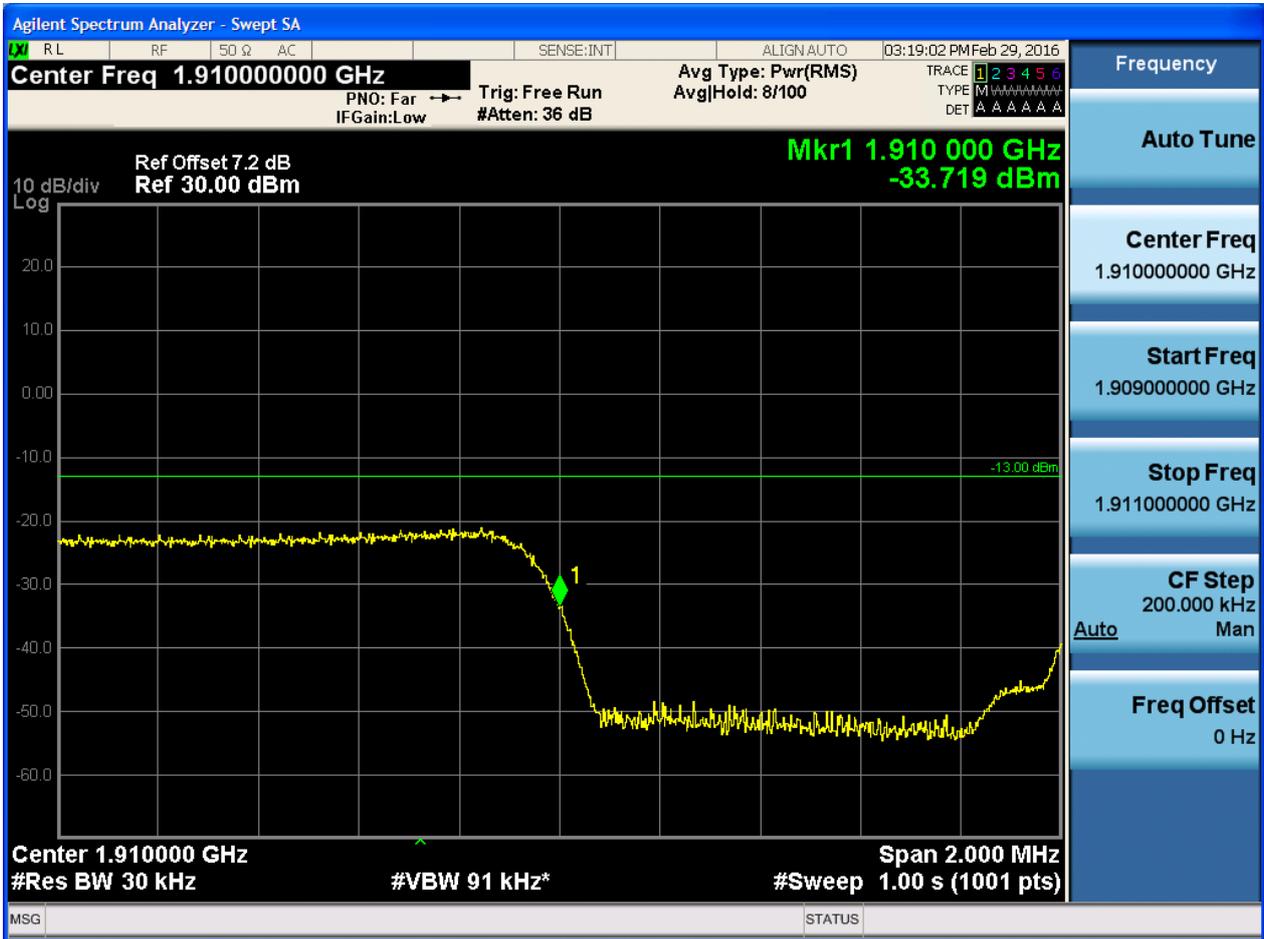
5.1.1.1.2.1.4 Test RB = RB15#0





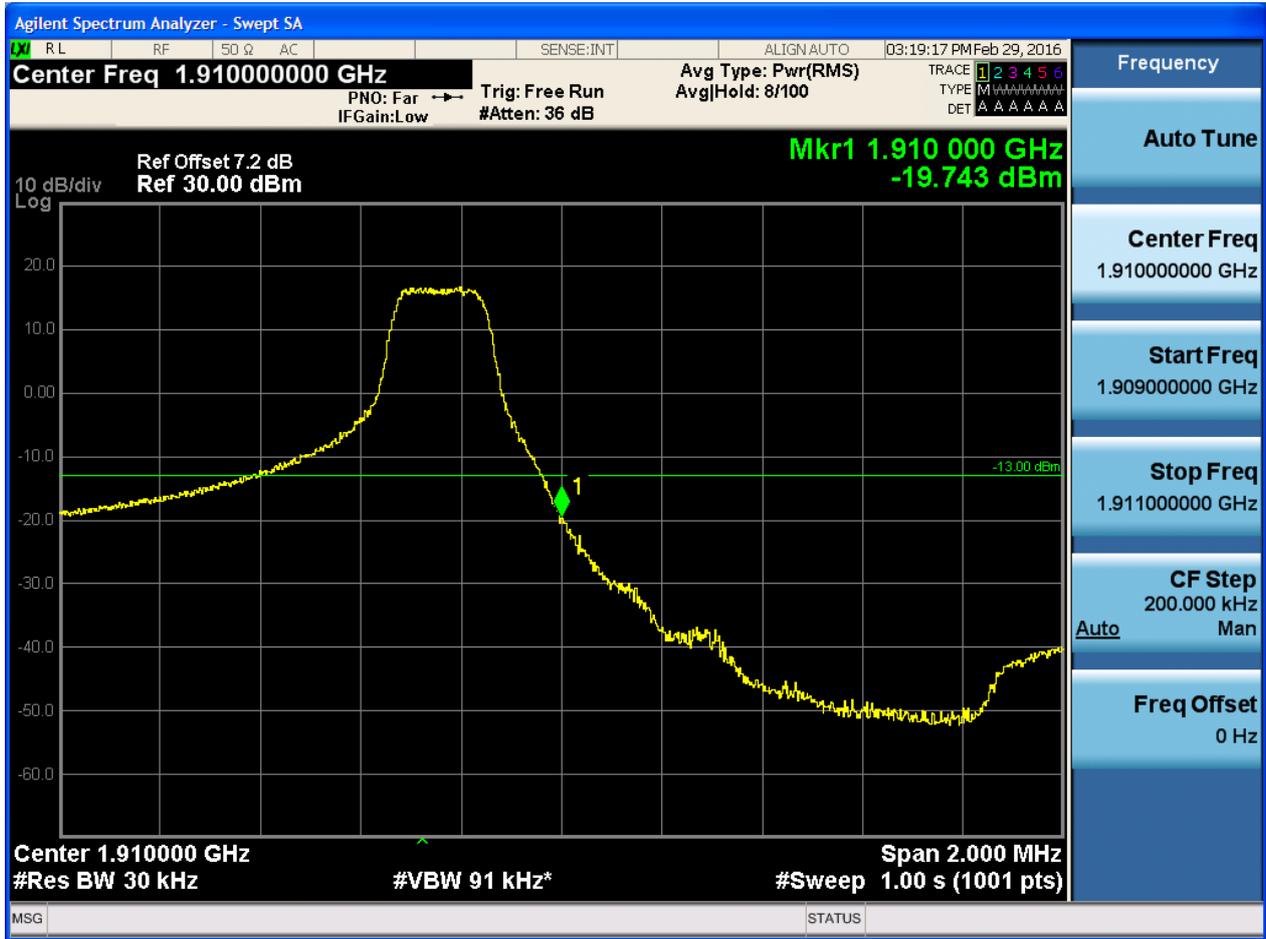
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

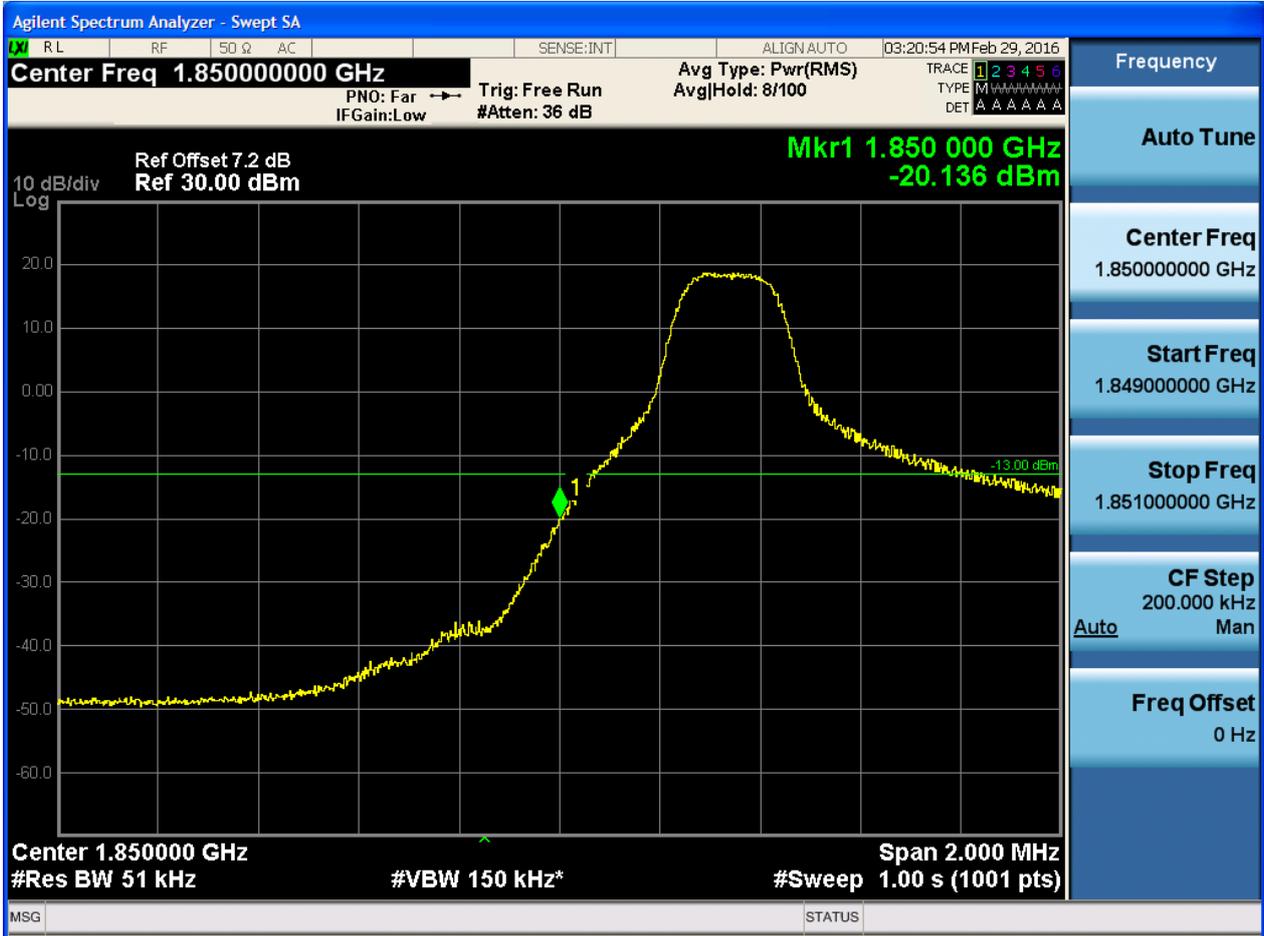




5.1.1.1.3 Test Bandwidth = 5

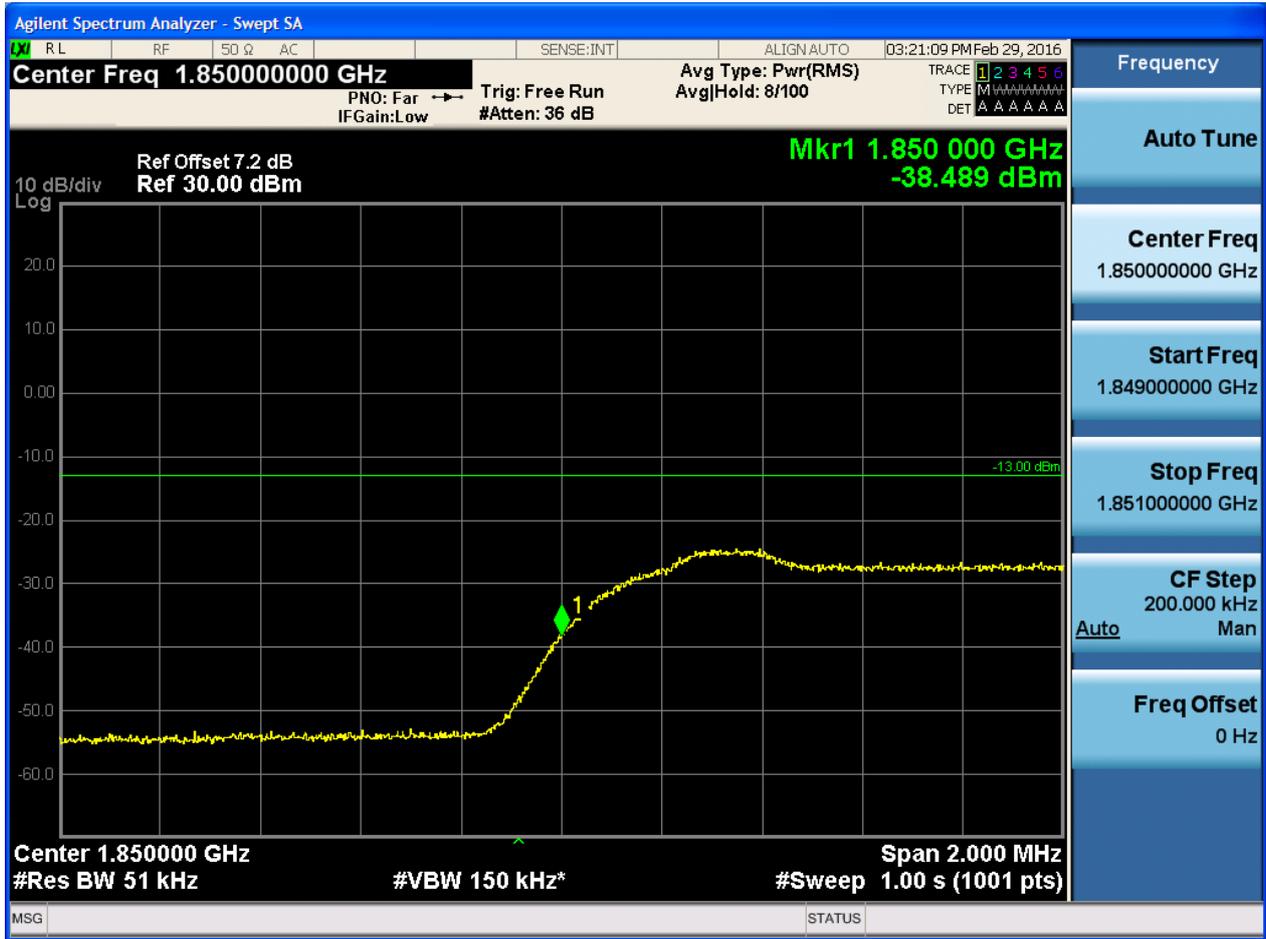
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



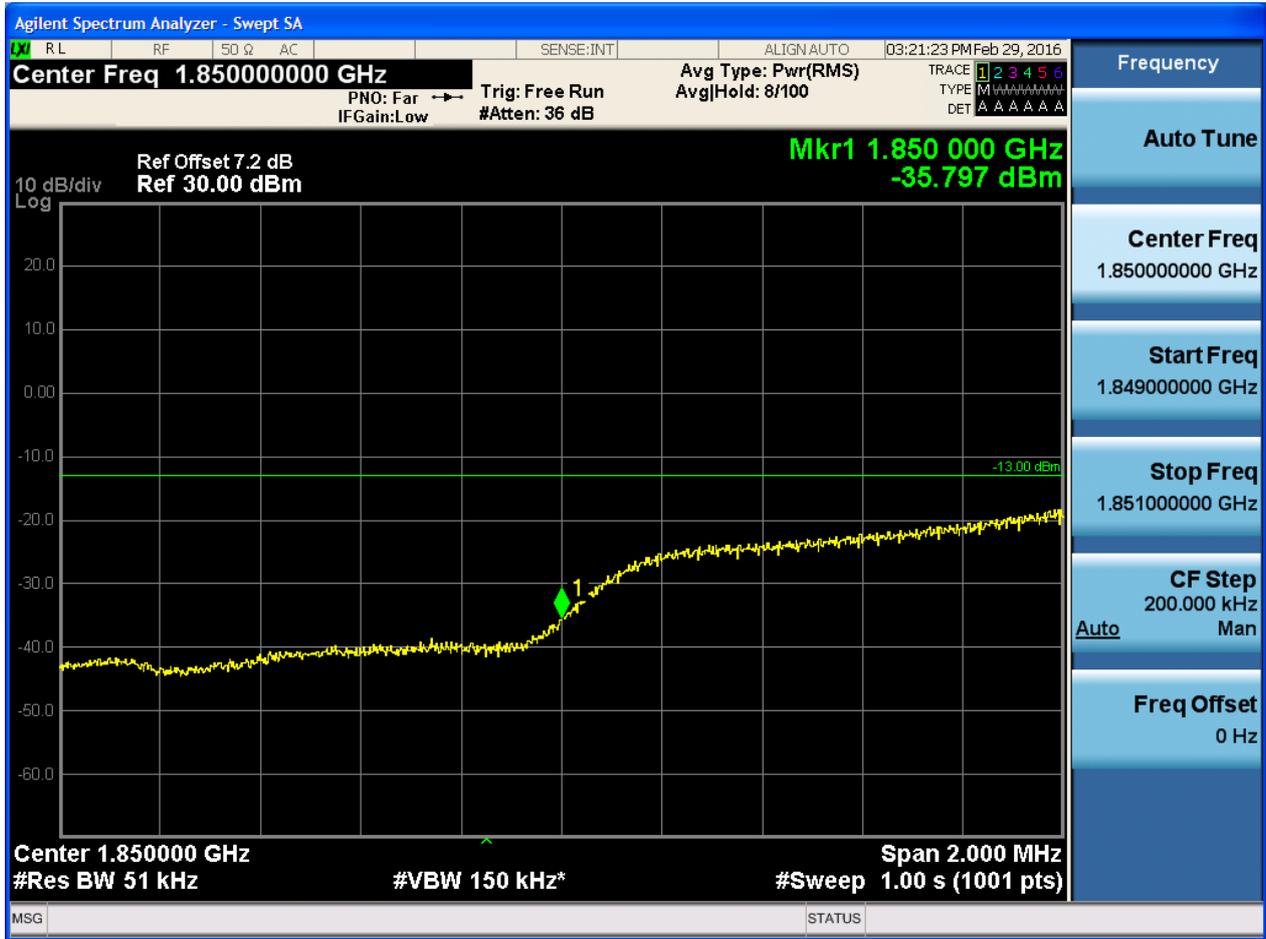


5.1.1.1.3.1.2 Test RB = RB1#24



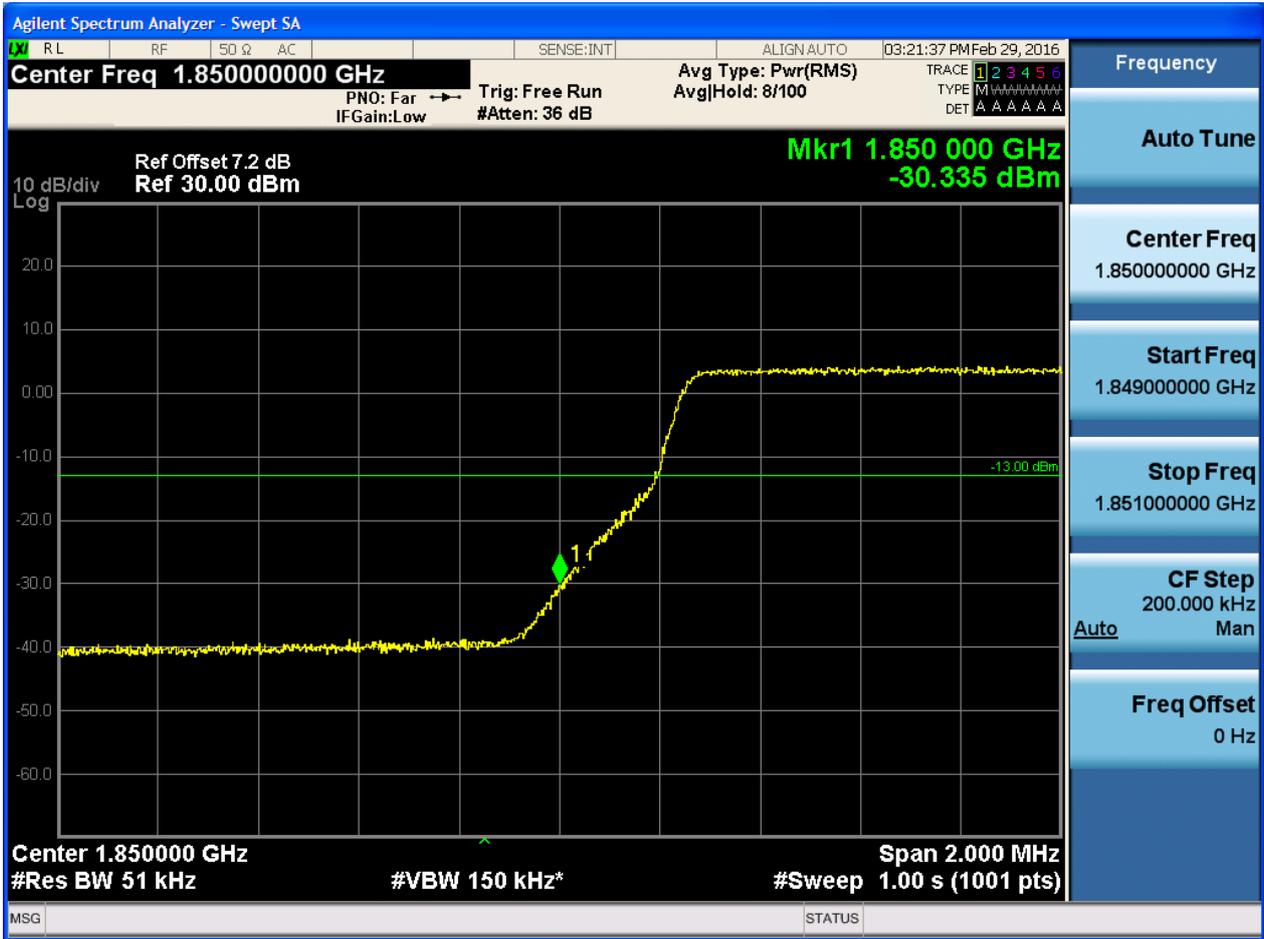


5.1.1.1.3.1.3 Test RB = RB12#6





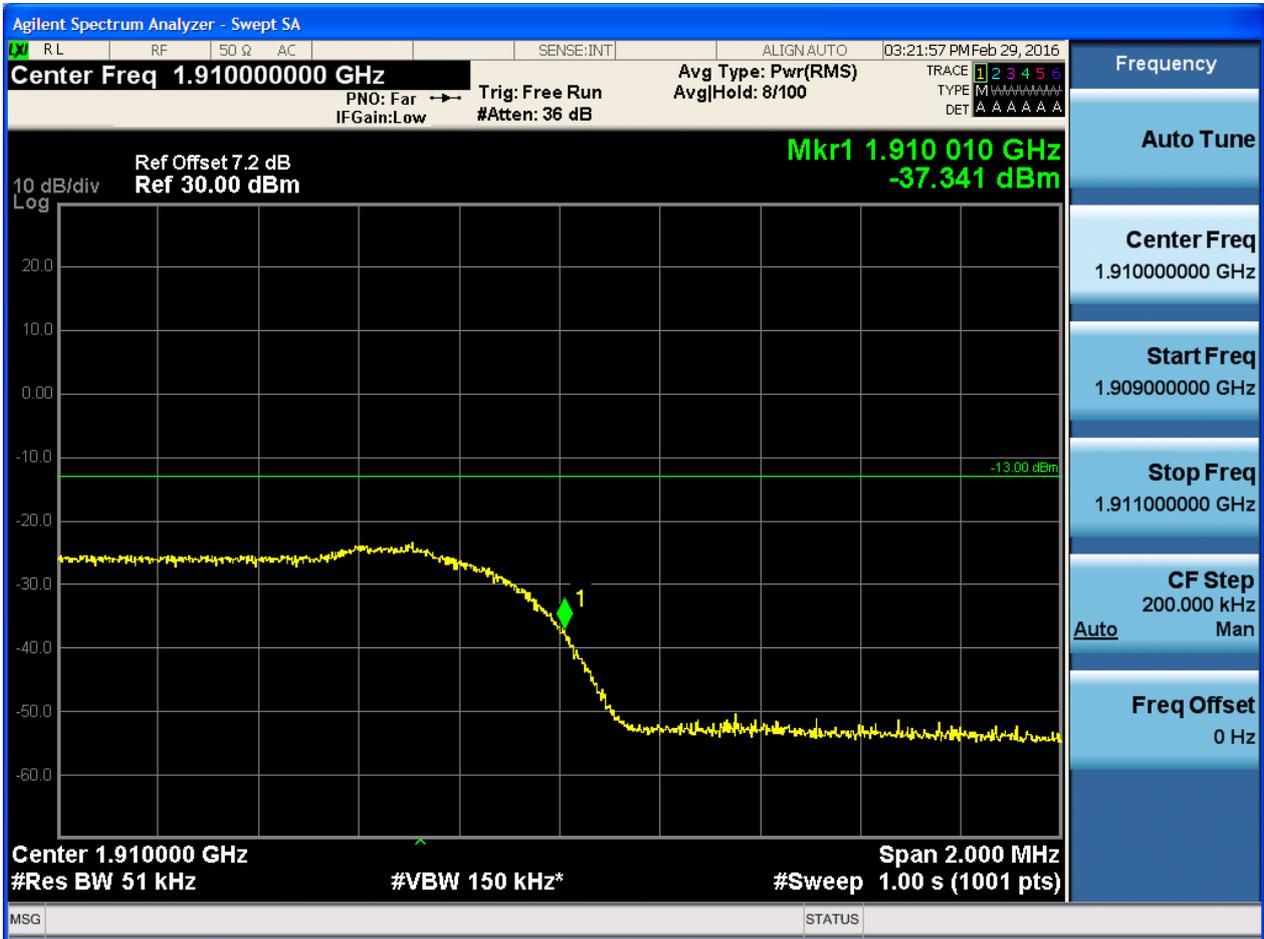
5.1.1.1.3.1.4 Test RB = RB25#0





5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



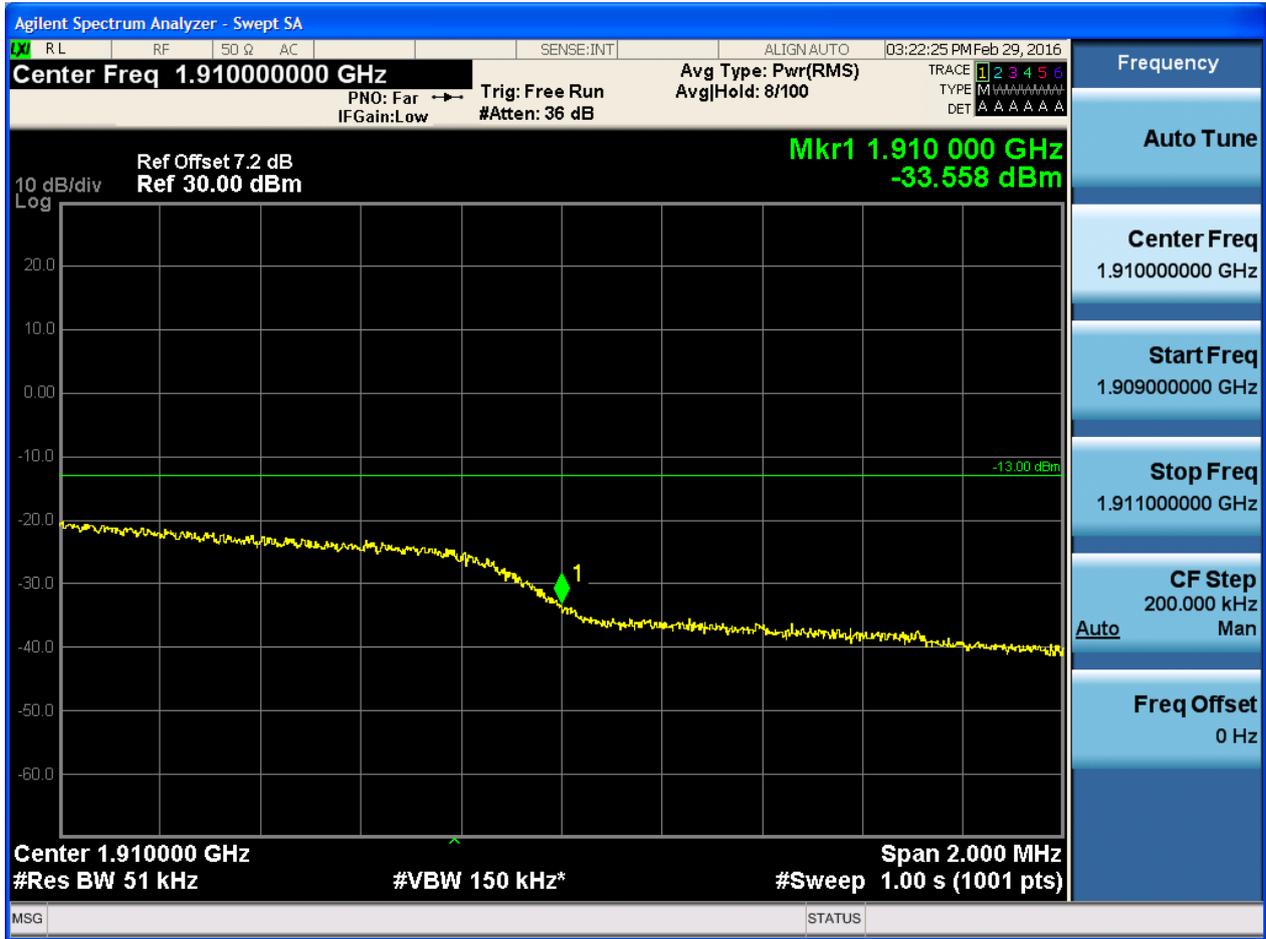


5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0





5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49

