



# 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/T M1	1.4	LCH	RB1#0	22.52	22.45	33	PASS
				RB1#3	22.62	22.42	33	PASS
				RB1#5	22.55	22.48	33	PASS
				RB3#0	22.49	22.55	33	PASS
				RB3#2	22.5	22.41	33	PASS
				RB3#3	22.42	22.37	33	PASS
				RB6#0	21.39	21.22	33	PASS
			MCH	RB1#0	22.34	22.38	33	PASS
				RB1#3	22.45	22.40	33	PASS
				RB1#5	22.38	22.28	33	PASS
				RB3#0	22.3	22.13	33	PASS
				RB3#2	22.36	22.13	33	PASS
				RB3#3	22.45	22.17	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB6#0	21.36	21.38	33	PASS	
			HCH	RB1#0	22.33	22.11	33	PASS	
				RB1#3	22.45	22.37	33	PASS	
				RB1#5	22.43	22.43	33	PASS	
				RB3#0	22.47	22.55	33	PASS	
				RB3#2	22.54	22.55	33	PASS	
				RB3#3	22.45	22.41	33	PASS	
				RB6#0	21.52	21.61	33	PASS	
					RB1#0	22.74	22.80	33	PASS
		3	LCH	RB1#7	22.65	22.46	33	PASS	
				RB1#14	22.55	22.37	33	PASS	
				RB8#0	21.45	21.30	33	PASS	
				RB8#4	21.53	21.29	33	PASS	
				RB8#7	21.56	21.51	33	PASS	
				RB15#0	21.55	21.56	33	PASS	
					MCH	RB1#0	22.65	22.53	33
				RB1#7		22.55	22.57	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#14	22.74	22.84	33	PASS
				RB8#0	21.38	21.18	33	PASS
				RB8#4	21.45	21.46	33	PASS
				RB8#7	21.4	21.32	33	PASS
				RB15#0	21.39	21.18	33	PASS
			HCH	RB1#0	22.73	22.58	33	PASS
			HCH	RB1#7	22.52	22.38	33	PASS
			HCH	RB1#14	22.69	22.66	33	PASS
			HCH	RB8#0	21.31	21.33	33	PASS
			HCH	RB8#4	21.26	21.32	33	PASS
			HCH	RB8#7	21.34	21.38	33	PASS
			HCH	RB15#0	21.36	21.09	33	PASS
		5	LCH	RB1#0	22.29	22.24	33	PASS
		5	LCH	RB1#13	22.42	22.27	33	PASS
		5	LCH	RB1#24	22.59	22.54	33	PASS
		5	LCH	RB12#0	21.49	21.39	33	PASS
		5	LCH	RB12#6	21.54	21.45	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict			
				RB12#13	21.51	21.36	33	PASS			
				RB25#0	21.57	21.45	33	PASS			
			MCH	RB1#0	22.41	22.47	33	PASS			
				RB1#13	22.3	22.31	33	PASS			
				RB1#24	22.45	22.19	33	PASS			
				RB12#0	21.24	21.28	33	PASS			
				RB12#6	21.23	21.32	33	PASS			
				RB12#13	21.36	21.07	33	PASS			
				RB25#0	21.36	21.37	33	PASS			
				HCH	RB1#0	22.44	22.15	33	PASS		
			RB1#13		22.41	22.14	33	PASS			
			RB1#24		22.47	22.23	33	PASS			
			RB12#0		21.26	21.23	33	PASS			
			RB12#6		21.31	21.30	33	PASS			
			RB12#13		21.3	21.25	33	PASS			
							RB25#0	21.37	21.30	33	PASS
					10	LCH	RB1#0	22.66	22.51	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	22.57	22.29	33	PASS
				RB1#49	22.48	22.48	33	PASS
				RB25#0	21.53	21.57	33	PASS
				RB25#13	21.45	21.43	33	PASS
				RB25#25	21.47	21.21	33	PASS
				RB50#0	21.47	21.39	33	PASS
			MCH	RB1#0	22.58	22.64	33	PASS
				RB1#25	22.58	22.34	33	PASS
				RB1#49	22.56	22.61	33	PASS
				RB25#0	21.35	21.29	33	PASS
				RB25#13	21.39	21.32	33	PASS
				RB25#25	21.42	21.21	33	PASS
				RB50#0	21.37	21.45	33	PASS
			HCH	RB1#0	22.59	22.47	33	PASS
				RB1#25	22.49	22.44	33	PASS
				RB1#49	22.7	22.53	33	PASS
				RB25#0	21.3	21.26	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#13	21.24	21.16	33	PASS
				RB25#25	21.37	21.41	33	PASS
				RB50#0	21.27	21.12	33	PASS
			LCH	RB1#0	22.73	22.73	33	PASS
				RB1#38	22.58	22.50	33	PASS
				RB1#74	22.59	22.67	33	PASS
				RB38#0	21.5	21.40	33	PASS
				RB38#19	21.38	21.20	33	PASS
				RB38#39	21.35	21.24	33	PASS
		MCH	RB75#0	21.41	21.36	33	PASS	
			RB1#0	22.62	22.65	33	PASS	
			RB1#38	22.36	22.43	33	PASS	
			RB1#74	22.63	22.49	33	PASS	
			RB38#0	21.3	21.34	33	PASS	
			RB38#19	21.3	21.01	33	PASS	
		15		RB38#39	21.35	21.11	33	PASS
				RB75#0	21.25	21.08	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
			HCH	RB1#0	22.75	22.47	33	PASS	
				RB1#38	22.29	22.13	33	PASS	
				RB1#74	22.89	22.77	33	PASS	
				RB38#0	21.42	21.33	33	PASS	
				RB38#19	21.36	21.26	33	PASS	
				RB38#39	21.23	21.30	33	PASS	
				RB75#0	21.34	21.25	33	PASS	
		20	LCH	RB1#0	22.5	22.52	33	PASS	
				RB1#50	22.25	22.14	33	PASS	
				RB1#99	22.32	22.29	33	PASS	
				RB50#0	21.64	21.45	33	PASS	
				RB50#25	21.34	21.05	33	PASS	
				RB50#50	21.27	21.29	33	PASS	
				RB100#0	21.46	21.26	33	PASS	
				MCH	RB1#0	22.67	22.39	33	PASS
					RB1#50	22.52	22.34	33	PASS
					RB1#99	22.42	22.22	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	21.55	21.31	33	PASS
				RB50#25	21.54	21.56	33	PASS
				RB50#50	21.48	21.28	33	PASS
				RB100#0	21.47	21.24	33	PASS
			HCH	RB1#0	22.78	22.79	33	PASS
				RB1#50	22.33	22.38	33	PASS
				RB1#99	22.52	22.30	33	PASS
				RB50#0	21.43	21.39	33	PASS
				RB50#25	21.29	21.04	33	PASS
				RB50#50	21.34	21.20	33	PASS
				RB100#0	21.36	21.23	33	PASS
			LCH	RB1#0	21.93	21.73	33	PASS
				RB1#3	22.07	22.01	33	PASS
				RB1#5	21.91	21.77	33	PASS
RB3#0	21.18	21.14		33	PASS			
RB3#2	21.39	21.34		33	PASS			
RB3#3	21.18	21.12		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB6#0	20.28	20.21	33	PASS
			MCH	RB1#0	21.59	21.36	33	PASS
				RB1#3	21.73	21.74	33	PASS
				RB1#5	21.55	21.39	33	PASS
				RB3#0	21.65	21.68	33	PASS
				RB3#2	21.79	21.79	33	PASS
				RB3#3	21.39	21.36	33	PASS
				RB6#0	20.24	20.33	33	PASS
				HCH	RB1#0	21.31	21.36	33
			RB1#3		21.37	21.25	33	PASS
			RB1#5		21.56	21.55	33	PASS
			RB3#0		21.09	20.98	33	PASS
			RB3#2		21.15	20.91	33	PASS
			RB3#3		21.07	21.12	33	PASS
			RB6#0		20.39	20.21	33	PASS
		3	LCH	RB1#0	21.66	21.56	33	PASS
				RB1#7	21.78	21.83	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#14	21.63	21.72	33	PASS
				RB8#0	20.19	20.09	33	PASS
				RB8#4	20.14	20.17	33	PASS
				RB8#7	20.36	20.25	33	PASS
				RB15#0	20.34	20.15	33	PASS
			MCH	RB1#0	21.38	21.21	33	PASS
				RB1#7	21.72	21.51	33	PASS
				RB1#14	21.37	21.41	33	PASS
				RB8#0	20.19	19.98	33	PASS
				RB8#4	20.15	20.03	33	PASS
				RB8#7	20.2	19.97	33	PASS
				RB15#0	20.37	20.19	33	PASS
			HCH	RB1#0	21.66	21.63	33	PASS
				RB1#7	21.75	21.80	33	PASS
				RB1#14	21.5	21.59	33	PASS
				RB8#0	20.33	20.15	33	PASS
				RB8#4	20.14	20.13	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB8#7	20.25	20.21	33	PASS
				RB15#0	20.32	20.25	33	PASS
		5	LCH	RB1#0	21.53	21.41	33	PASS
				RB1#13	21.47	21.31	33	PASS
				RB1#24	21.4	21.45	33	PASS
				RB12#0	20.43	20.43	33	PASS
				RB12#6	20.4	20.31	33	PASS
				RB12#13	20.67	20.40	33	PASS
				RB25#0	20.46	20.17	33	PASS
				MCH	RB1#0	21.34	21.36	33
			RB1#13		20.89	20.83	33	PASS
			RB1#24		21.3	21.21	33	PASS
			RB12#0		20.35	20.31	33	PASS
			RB12#6		20.42	20.19	33	PASS
			RB12#13		20.25	20.23	33	PASS
			RB25#0		20.17	20.14	33	PASS
			HCH	RB1#0	21.04	21.11	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB1#13	21.22	21.17	33	PASS	
				RB1#24	21.32	21.16	33	PASS	
				RB12#0	20.44	20.41	33	PASS	
				RB12#6	20.36	20.11	33	PASS	
				RB12#13	20.46	20.20	33	PASS	
				RB25#0	20.24	20.30	33	PASS	
		10	LCH	RB1#0	21.76	21.75	33	PASS	
				RB1#25	21.9	21.62	33	PASS	
				RB1#49	21.7	21.57	33	PASS	
				RB25#0	20.43	20.20	33	PASS	
				RB25#13	20.42	20.43	33	PASS	
				RB25#25	20.32	20.33	33	PASS	
				RB50#0	20.45	20.31	33	PASS	
				MCH	RB1#0	21.78	21.79	33	PASS
					RB1#25	21.67	21.49	33	PASS
					RB1#49	21.78	21.82	33	PASS
RB25#0	20.38	20.34	33		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict		
				RB25#13	20.43	20.41	33	PASS		
				RB25#25	20.43	20.48	33	PASS		
				RB50#0	20.44	20.28	33	PASS		
			HCH	RB1#0	21.73	21.78	33	PASS		
				RB1#25	21.33	21.37	33	PASS		
				RB1#49	21.78	21.64	33	PASS		
				RB25#0	20.15	20.17	33	PASS		
				RB25#13	20.19	19.92	33	PASS		
			LCH	RB25#25	20.33	20.37	33	PASS		
				RB50#0	20.25	20.20	33	PASS		
				RB1#0	21.81	21.87	33	PASS		
				RB1#38	21.57	21.66	33	PASS		
		15				RB1#74	21.46	21.35	33	PASS
						RB38#0	20.64	20.45	33	PASS
						RB38#19	20.51	20.39	33	PASS
RB38#39	20.34					20.15	33	PASS		
RB75#0	20.6					20.44	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.76	21.80	33	PASS
				RB1#38	21.41	21.49	33	PASS
				RB1#74	21.96	21.81	33	PASS
				RB38#0	20.42	20.29	33	PASS
				RB38#19	20.52	20.29	33	PASS
				RB38#39	20.35	20.21	33	PASS
				RB75#0	20.42	20.46	33	PASS
			HCH	RB1#0	21.61	21.33	33	PASS
				RB1#38	21.47	21.41	33	PASS
				RB1#74	21.88	21.73	33	PASS
				RB38#0	20.46	20.33	33	PASS
				RB38#19	20.3	20.02	33	PASS
				RB38#39	20.36	20.20	33	PASS
				RB75#0	20.36	20.33	33	PASS
		20	LCH	RB1#0	21.81	21.67	33	PASS
				RB1#50	21.49	21.44	33	PASS
				RB1#99	21.4	21.17	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	20.57	20.64	33	PASS
				RB50#25	20.38	20.39	33	PASS
				RB50#50	20.19	19.95	33	PASS
				RB100#0	20.44	20.38	33	PASS
			MCH	RB1#0	21.64	21.61	33	PASS
				RB1#50	21.44	21.46	33	PASS
				RB1#99	22.03	22.01	33	PASS
				RB50#0	20.58	20.47	33	PASS
				RB50#25	20.6	20.50	33	PASS
				RB50#50	20.62	20.39	33	PASS
				RB100#0	20.43	20.23	33	PASS
			HCH	RB1#0	22.17	21.97	33	PASS
				RB1#50	21.55	21.51	33	PASS
				RB1#99	22.06	21.83	33	PASS
				RB50#0	20.45	20.22	33	PASS
				RB50#25	20.23	20.24	33	PASS
				RB50#50	20.35	20.34	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB100#0	20.28	20.09	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	3.78	13	PASS
				RB1#3	3.69	13	PASS
				RB1#5	3.85	13	PASS
				RB3#0	4.19	13	PASS
				RB3#2	4.06	13	PASS
				RB3#3	4.19	13	PASS
			RB6#0	5.3	13	PASS	
			MCH	RB1#0	3.77	13	PASS
				RB1#3	3.72	13	PASS
				RB1#5	3.84	13	PASS
				RB3#0	4.15	13	PASS
				RB3#2	4.12	13	PASS
				RB3#3	4.15	13	PASS
			HCH	RB6#0	5.43	13	PASS
				RB1#0	3.39	13	PASS
				RB1#3	3.08	13	PASS
				RB1#5	3.09	13	PASS
				RB3#0	3.68	13	PASS
		RB3#2		3.35	13	PASS	
		3	LCH	RB3#3	3.57	13	PASS
				RB6#0	4.74	13	PASS
				RB1#0	3.85	13	PASS
				RB1#7	3.79	13	PASS
				RB1#14	3.85	13	PASS
				RB8#0	4.65	13	PASS
			MCH	RB8#4	4.54	13	PASS
				RB8#7	4.69	13	PASS
				RB15#0	5.06	13	PASS
				RB1#0	3.8	13	PASS
				RB1#7	3.79	13	PASS
RB1#14	3.81			13	PASS		
HCH	RB8#0	4.77	13	PASS			
	RB8#4	4.64	13	PASS			
	RB8#7	4.78	13	PASS			
	RB15#0	5.32	13	PASS			
	RB1#0	3.67	13	PASS			
	RB1#7	3.42	13	PASS			
			HCH	RB1#14	2.9	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	4.54	13	PASS	
				RB8#4	4.31	13	PASS	
				RB8#7	4.4	13	PASS	
				RB15#0	4.8	13	PASS	
		5	LCH	RB1#0	3.9	13	PASS	
				RB1#13	3.88	13	PASS	
				RB1#24	3.76	13	PASS	
				RB12#0	4.55	13	PASS	
				RB12#6	4.42	13	PASS	
				RB12#13	4.57	13	PASS	
				RB25#0	5.05	13	PASS	
				MCH	RB1#0	3.8	13	PASS
					RB1#13	3.87	13	PASS
					RB1#24	3.86	13	PASS
					RB12#0	4.61	13	PASS
					RB12#6	4.45	13	PASS
			RB12#13		4.55	13	PASS	
			HCH	RB1#0	3.77	13	PASS	
				RB1#13	3.62	13	PASS	
				RB1#24	3.04	13	PASS	
				RB12#0	4.47	13	PASS	
				RB12#6	4.32	13	PASS	
				RB12#13	4.31	13	PASS	
			10	LCH	RB1#0	3.81	13	PASS
					RB1#25	3.75	13	PASS
					RB1#49	3.73	13	PASS
					RB25#0	4.51	13	PASS
					RB25#13	4.42	13	PASS
		RB25#25			4.54	13	PASS	
		MCH		RB50#0	4.95	13	PASS	
RB1#0	3.68			13	PASS			
RB1#25	3.83			13	PASS			
RB1#49	3.8			13	PASS			
RB25#0	4.55			13	PASS			
RB25#13	4.52			13	PASS			
RB25#25	4.64	13	PASS					
RB50#0	5.61	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			HCH	RB1#0	3.39	13	PASS	
				RB1#25	3.71	13	PASS	
				RB1#49	3.02	13	PASS	
				RB25#0	4.36	13	PASS	
				RB25#13	4.44	13	PASS	
				RB25#25	4.49	13	PASS	
				RB50#0	4.93	13	PASS	
		15	LCH	RB1#0	3.81	13	PASS	
				RB1#38	3.85	13	PASS	
				RB1#74	3.6	13	PASS	
				RB38#0	4.54	13	PASS	
				RB38#19	4.53	13	PASS	
				RB38#39	4.69	13	PASS	
				RB75#0	5.5	13	PASS	
			MCH	RB1#0	3.62	13	PASS	
				RB1#38	3.9	13	PASS	
				RB1#74	3.77	13	PASS	
				RB38#0	4.52	13	PASS	
				RB38#19	4.55	13	PASS	
				RB38#39	4.79	13	PASS	
			HCH	RB1#0	3.24	13	PASS	
				RB1#38	3.55	13	PASS	
				RB1#74	3.17	13	PASS	
				RB38#0	4.33	13	PASS	
				RB38#19	4.37	13	PASS	
				RB38#39	4.71	13	PASS	
			20	LCH	RB1#0	3.9	13	PASS
					RB1#50	3.85	13	PASS
		RB1#99			3.65	13	PASS	
		RB50#0			4.57	13	PASS	
RB50#25	4.51	13			PASS			
RB50#50	4.55	13			PASS			
MCH	RB100#0	5.48		13	PASS			
	RB1#0	3.62		13	PASS			
	RB1#50	3.9		13	PASS			
	RB1#99	3.83		13	PASS			
	RB50#0	4.55		13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	4.52	13	PASS
				RB50#50	4.73	13	PASS
				RB100#0	5.3	13	PASS
			HCH	RB1#0	3.54	13	PASS
				RB1#50	3.37	13	PASS
				RB1#99	3.41	13	PASS
				RB50#0	4.43	13	PASS
				RB50#25	4.27	13	PASS
				RB50#50	4.74	13	PASS
				RB100#0	5.51	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.55	13	PASS
				RB1#3	4.46	13	PASS
				RB1#5	4.53	13	PASS
				RB3#0	4.94	13	PASS
				RB3#2	4.83	13	PASS
				RB3#3	4.98	13	PASS
			MCH	RB6#0	5.56	13	PASS
				RB1#0	4.58	13	PASS
				RB1#3	4.48	13	PASS
				RB1#5	4.57	13	PASS
				RB3#0	4.94	13	PASS
				RB3#2	4.86	13	PASS
			HCH	RB3#3	4.99	13	PASS
				RB6#0	5.62	13	PASS
				RB1#0	4.05	13	PASS
				RB1#3	3.7	13	PASS
				RB1#5	3.68	13	PASS
				RB3#0	4.44	13	PASS
	3	LCH	RB3#2	4.15	13	PASS	
			RB3#3	4.23	13	PASS	
RB6#0			5.13	13	PASS		
RB1#0			4.65	13	PASS		
RB1#7			4.48	13	PASS		
RB1#14			4.72	13	PASS		
MCH		RB8#0	5.58	13	PASS		
		RB8#4	5.51	13	PASS		
		RB8#7	5.63	13	PASS		
		RB15#0	6.18	13	PASS		
			MCH	RB1#0	4.68	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#7	4.58	13	PASS	
				RB1#14	4.7	13	PASS	
				RB8#0	5.54	13	PASS	
				RB8#4	5.46	13	PASS	
				RB8#7	5.56	13	PASS	
				RB15#0	6.17	13	PASS	
			HCH	RB1#0	4.53	13	PASS	
				RB1#7	4.16	13	PASS	
				RB1#14	3.94	13	PASS	
				RB8#0	5.39	13	PASS	
				RB8#4	5.15	13	PASS	
				RB8#7	5.2	13	PASS	
			5	LCH	RB1#0	4.8	13	PASS
					RB1#13	4.81	13	PASS
		RB1#24			4.77	13	PASS	
		RB12#0			5.47	13	PASS	
		RB12#6			5.37	13	PASS	
		RB12#13			5.48	13	PASS	
		MCH		RB25#0	6.07	13	PASS	
				RB1#0	4.72	13	PASS	
				RB1#13	4.97	13	PASS	
				RB1#24	4.85	13	PASS	
				RB12#0	5.46	13	PASS	
				RB12#6	5.42	13	PASS	
		HCH	RB12#13	5.55	13	PASS		
			RB25#0	5.95	13	PASS		
			RB1#0	4.9	13	PASS		
			RB1#13	4.79	13	PASS		
			RB1#24	4.26	13	PASS		
			RB12#0	5.38	13	PASS		
10	LCH	RB12#6	5.24	13	PASS			
		RB12#13	5.27	13	PASS			
		RB25#0	6	13	PASS			
		RB1#0	4.98	13	PASS			
		RB1#25	4.81	13	PASS			
				RB1#49	4.66	13	PASS	
				RB25#0	5.61	13	PASS	
				RB25#13	5.37	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#25	5.56	13	PASS	
				RB50#0	6.18	13	PASS	
			MCH	RB1#0	4.63	13	PASS	
				RB1#25	4.84	13	PASS	
				RB1#49	4.71	13	PASS	
				RB25#0	5.58	13	PASS	
				RB25#13	5.46	13	PASS	
				RB25#25	5.71	13	PASS	
			RB50#0	6	13	PASS		
			HCH	RB1#0	4.21	13	PASS	
				RB1#25	4.63	13	PASS	
				RB1#49	3.97	13	PASS	
				RB25#0	5.4	13	PASS	
				RB25#13	5.32	13	PASS	
		RB25#25		5.56	13	PASS		
		RB50#0	6.32	13	PASS			
		15	LCH		RB1#0	4.79	13	PASS
					RB1#38	4.86	13	PASS
					RB1#74	4.49	13	PASS
					RB38#0	5.48	13	PASS
					RB38#19	5.4	13	PASS
					RB38#39	5.59	13	PASS
			RB75#0	6.17	13	PASS		
			MCH	RB1#0	4.63	13	PASS	
				RB1#38	4.93	13	PASS	
				RB1#74	4.63	13	PASS	
				RB38#0	5.47	13	PASS	
				RB38#19	5.42	13	PASS	
				RB38#39	5.65	13	PASS	
			RB75#0	6.25	13	PASS		
			HCH	RB1#0	4.22	13	PASS	
				RB1#38	4.7	13	PASS	
RB1#74	4.09			13	PASS			
RB38#0	5.3			13	PASS			
RB38#19	5.27	13		PASS				
RB38#39	5.63	13		PASS				
RB75#0	6.25	13	PASS					
20	LCH	RB1#0	4.4	13	PASS			
		RB1#50	4.27	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.19	13	PASS
				RB50#0	5.45	13	PASS
				RB50#25	5.41	13	PASS
				RB50#50	5.48	13	PASS
				RB100#0	6.35	13	PASS
			MCH	RB1#0	4.31	13	PASS
				RB1#50	4.55	13	PASS
				RB1#99	4.25	13	PASS
				RB50#0	5.42	13	PASS
				RB50#25	5.34	13	PASS
				RB50#50	5.59	13	PASS
				RB100#0	6.57	13	PASS
			HCH	RB1#0	4.01	13	PASS
				RB1#50	4.07	13	PASS
				RB1#99	3.87	13	PASS
				RB50#0	5.25	13	PASS
				RB50#25	5.12	13	PASS
				RB50#50	5.57	13	PASS
				RB100#0	6.43	13	PASS

### 3Appendix\_C: Modulation Characteristics

#### Part I - Test Plots

##### 3.1 For LTE

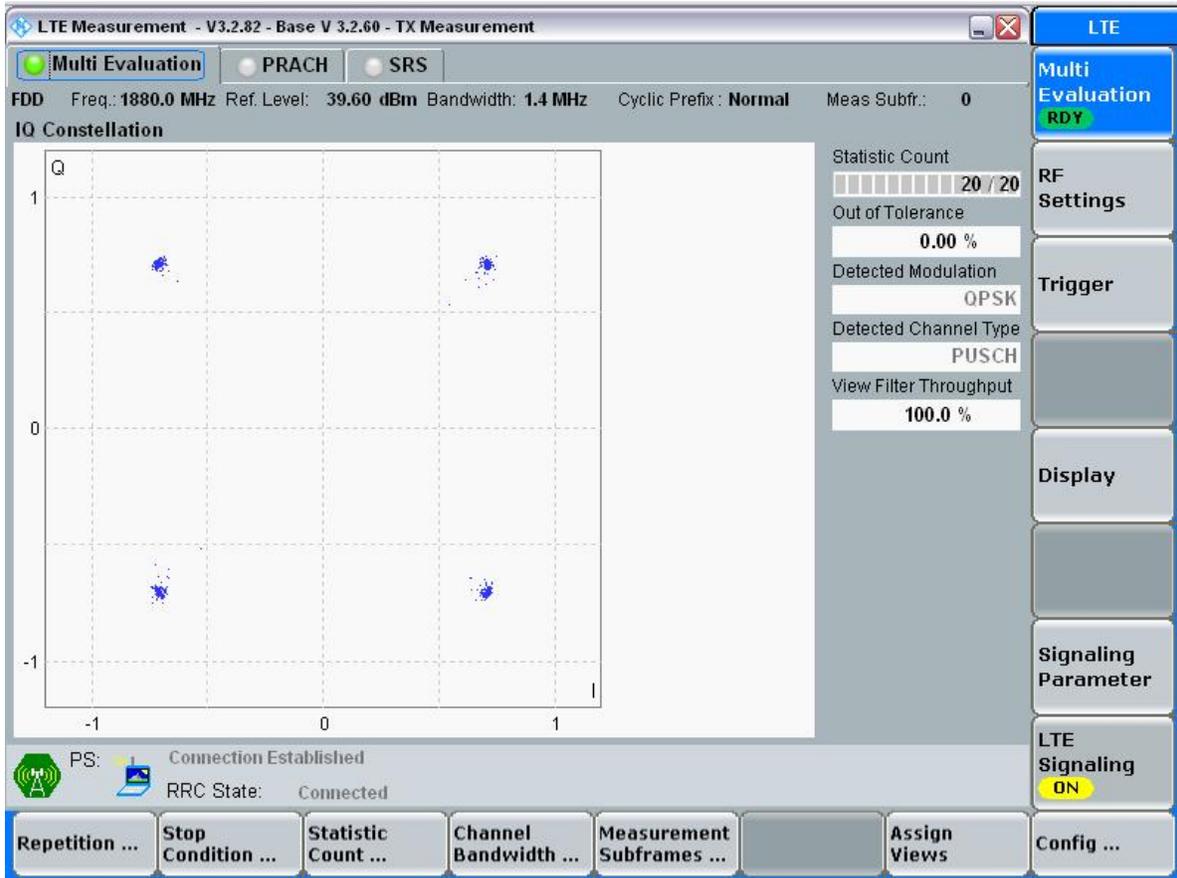
##### 3.1.1 Test Band = BAND2

##### 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

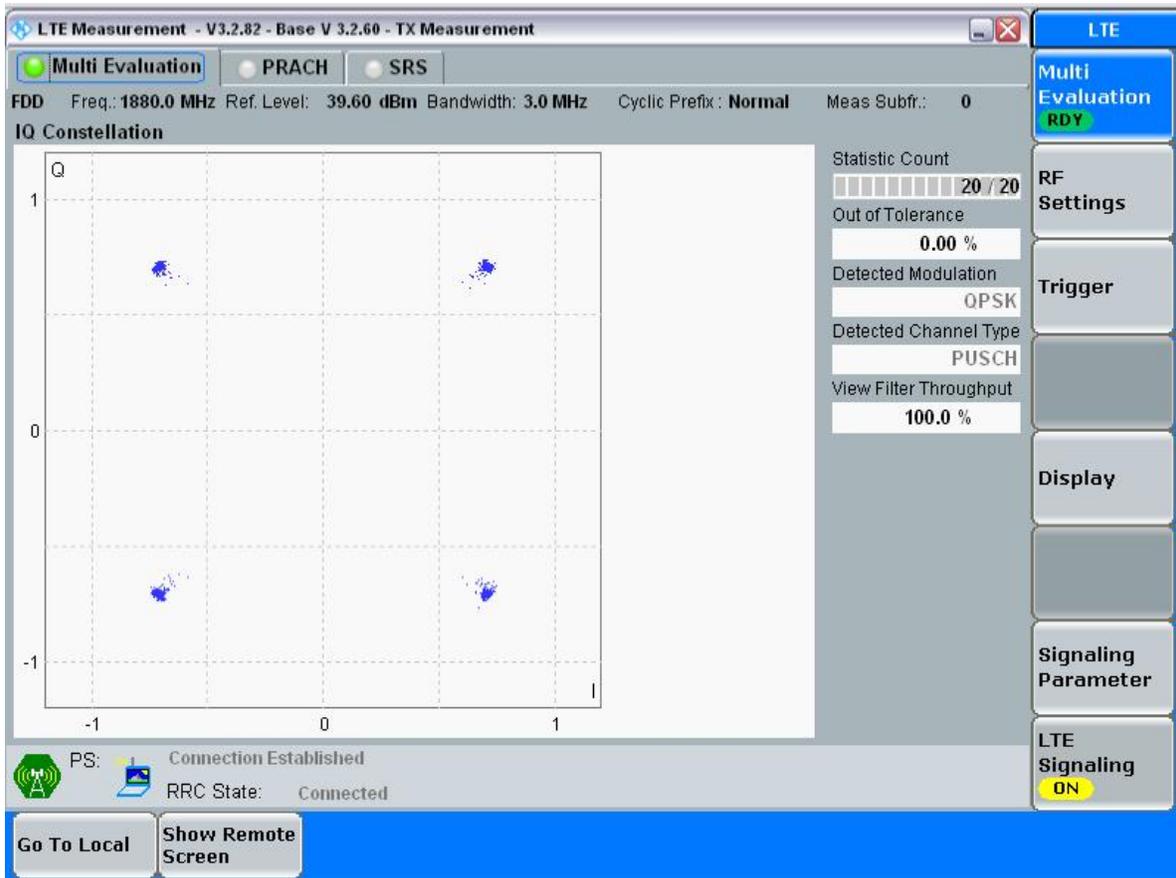
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

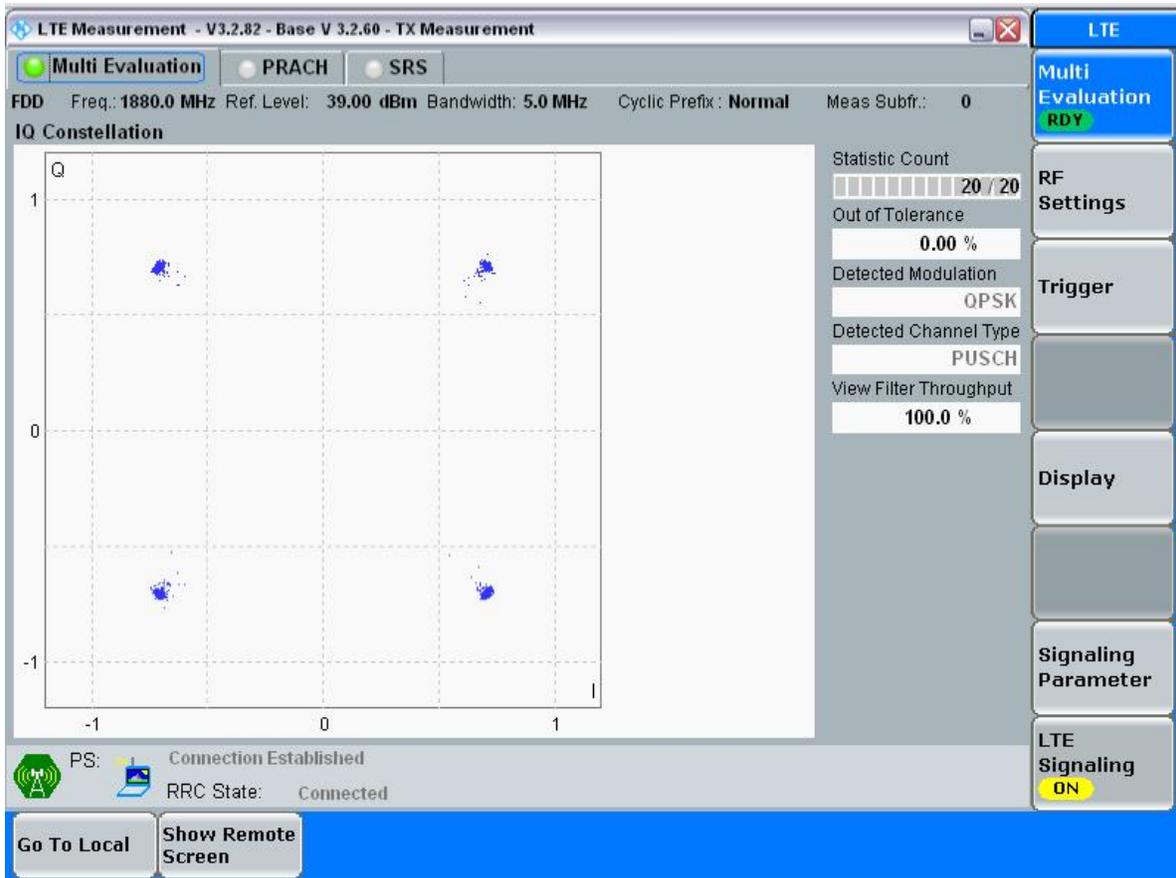
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

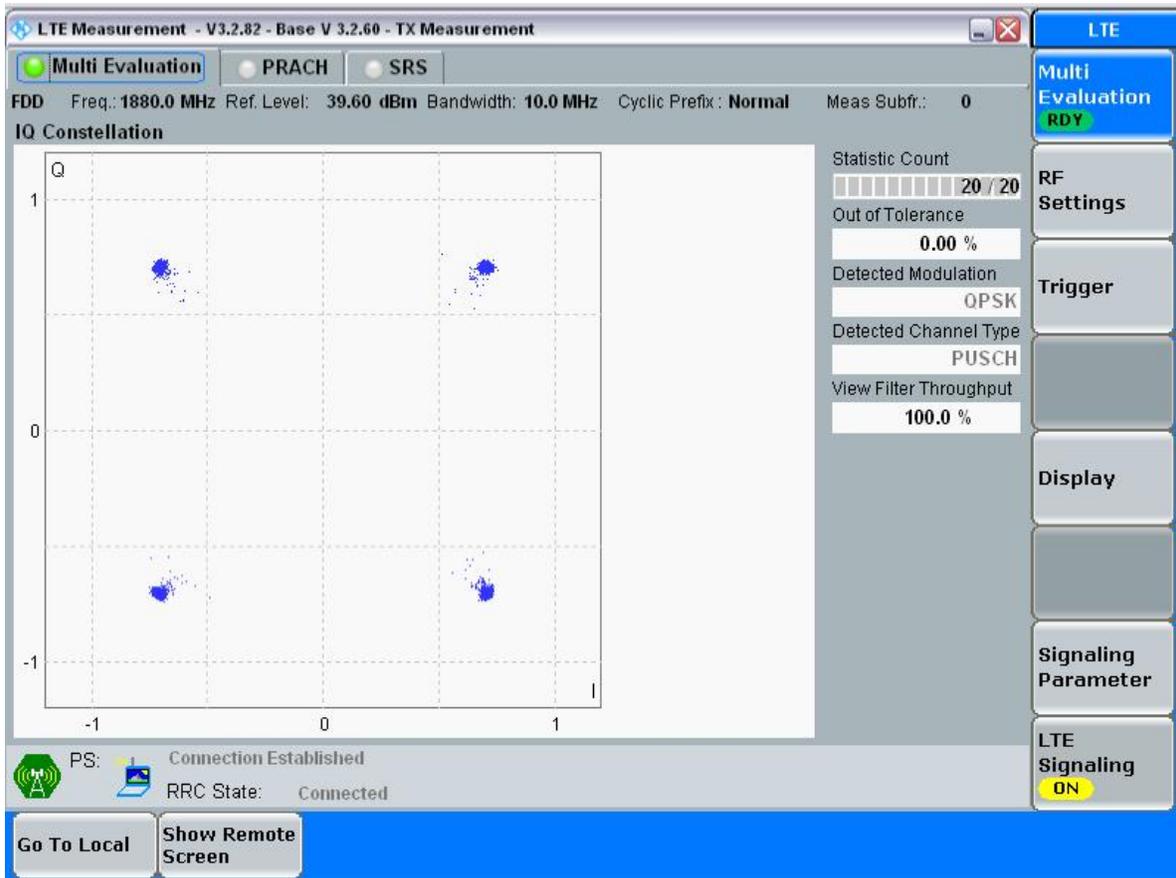
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

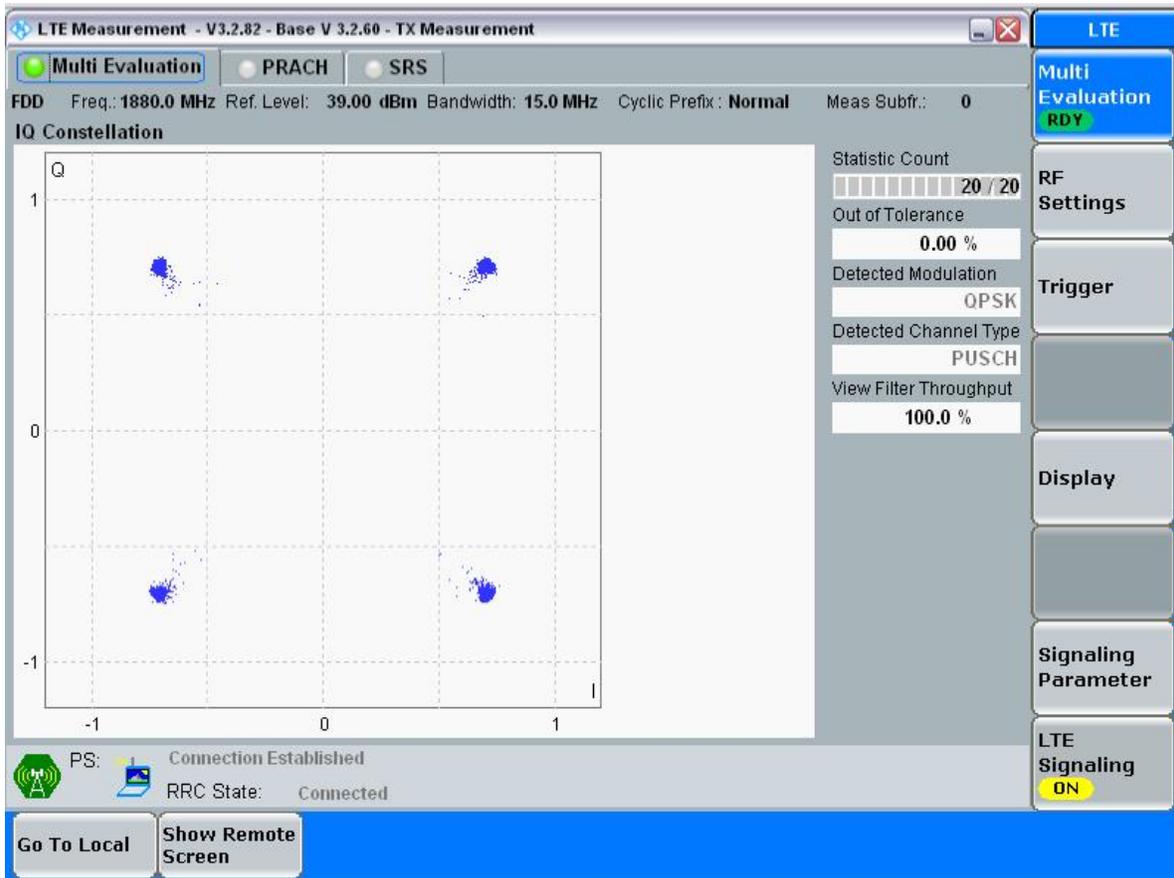
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

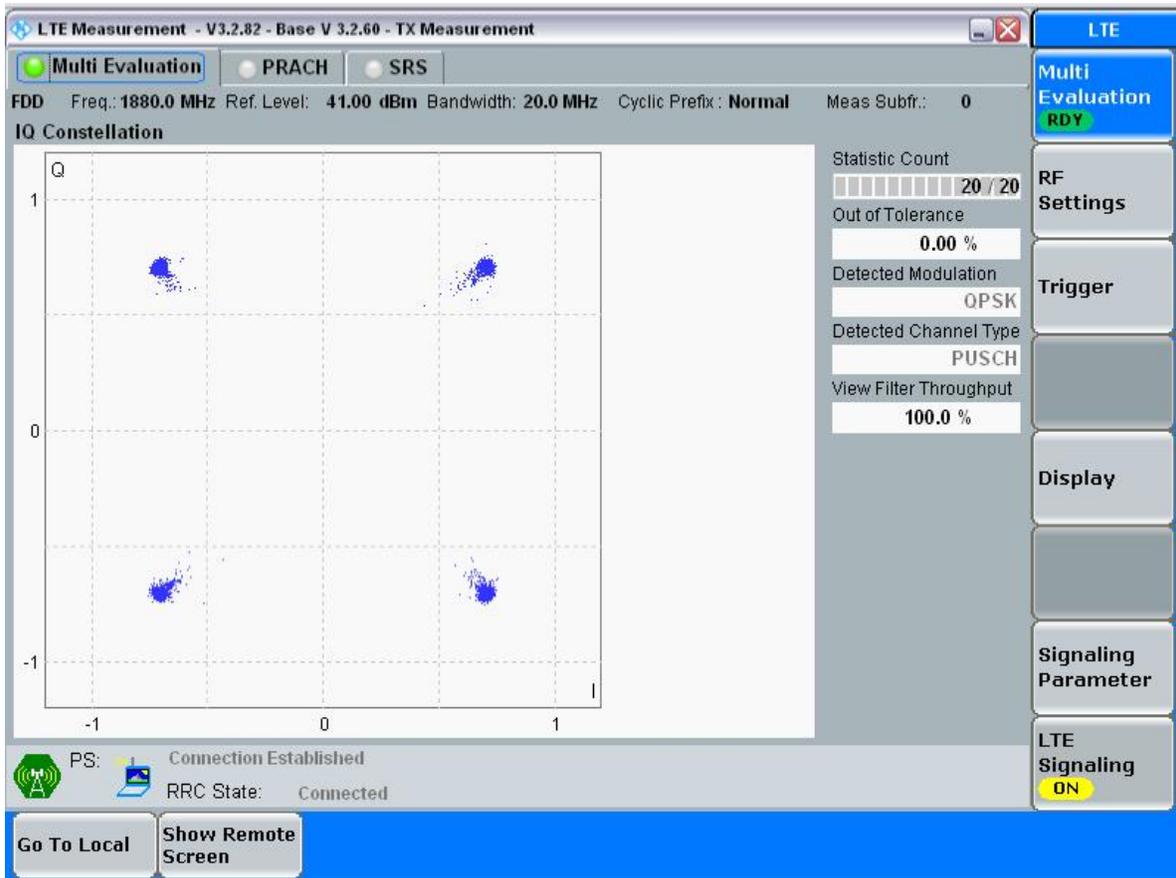
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

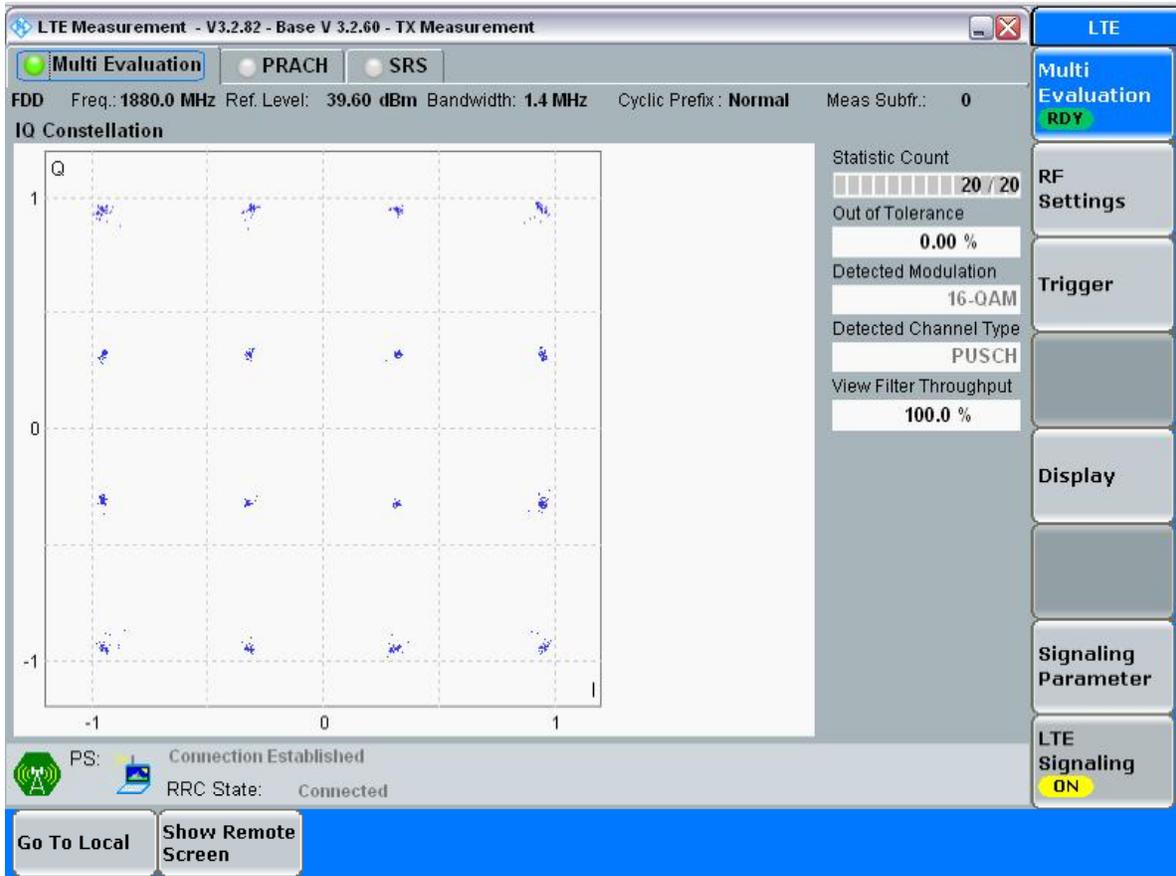


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

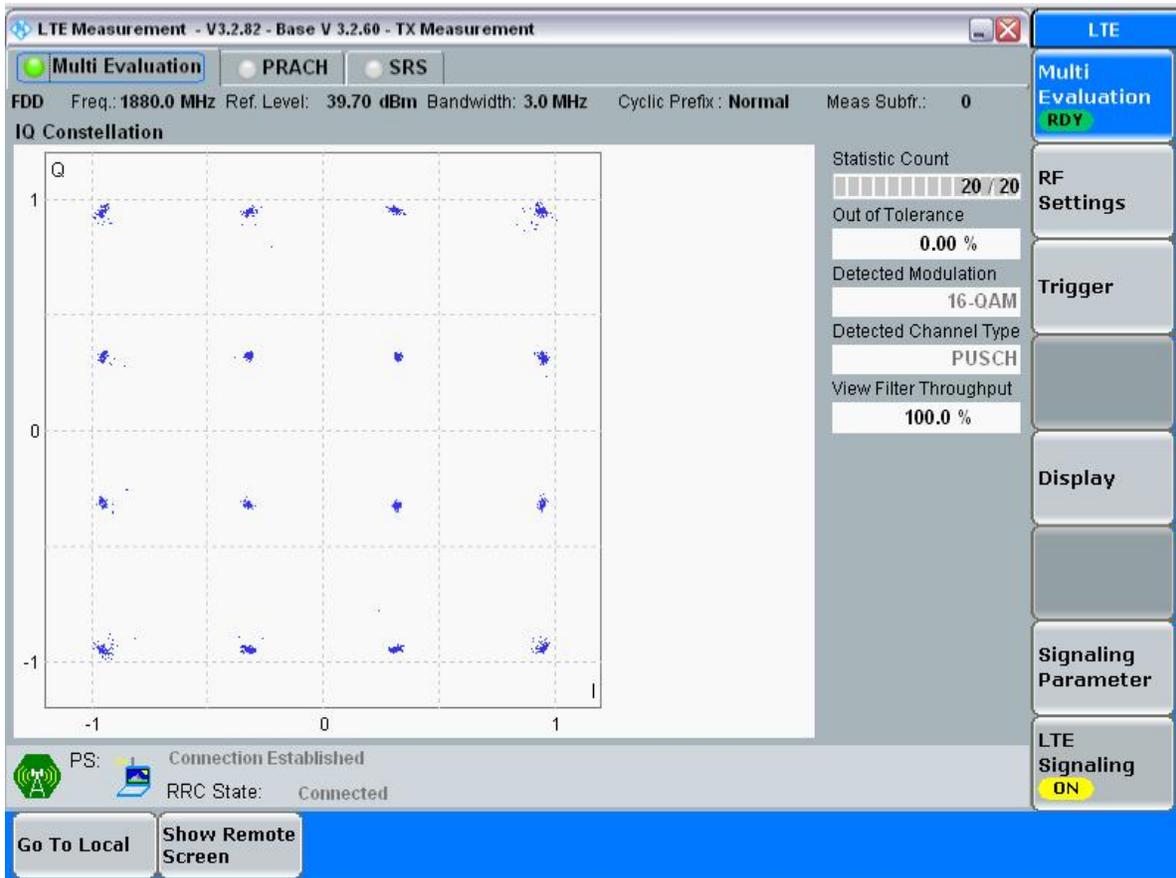
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

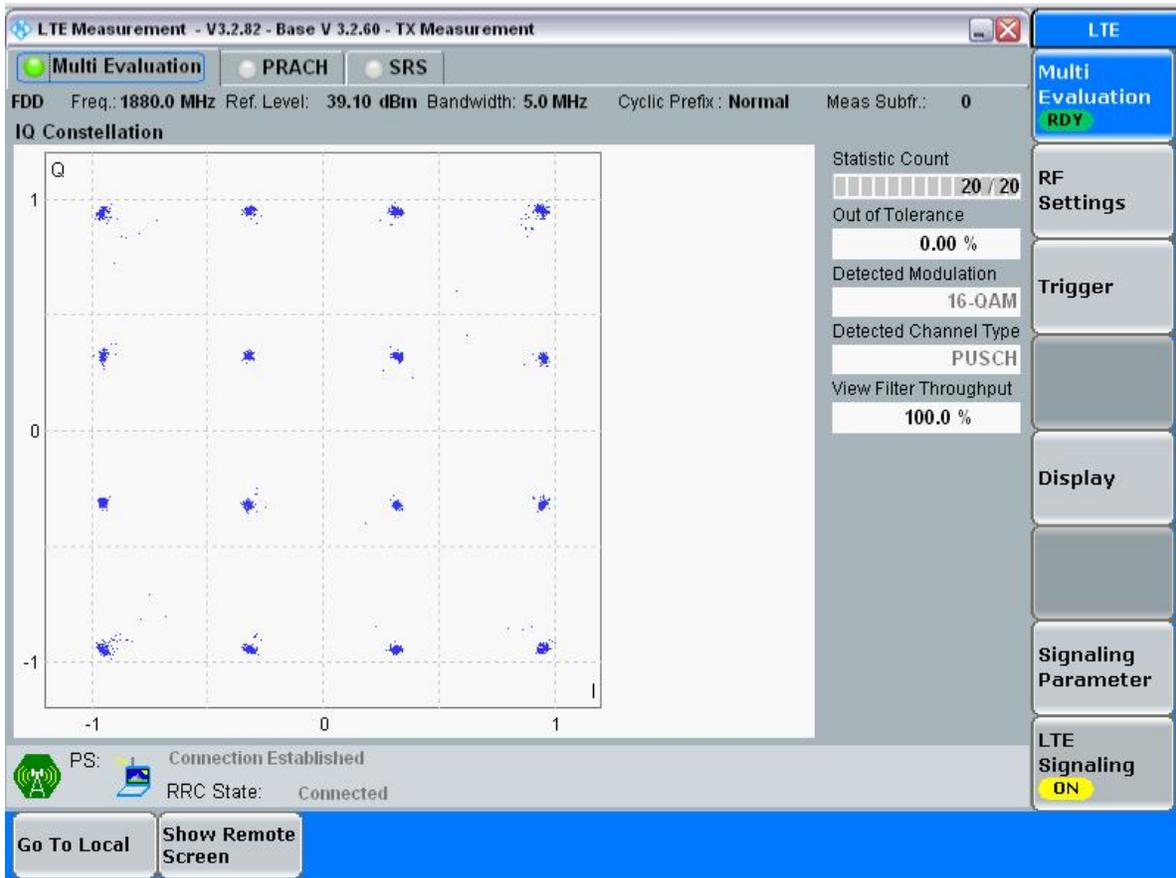
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

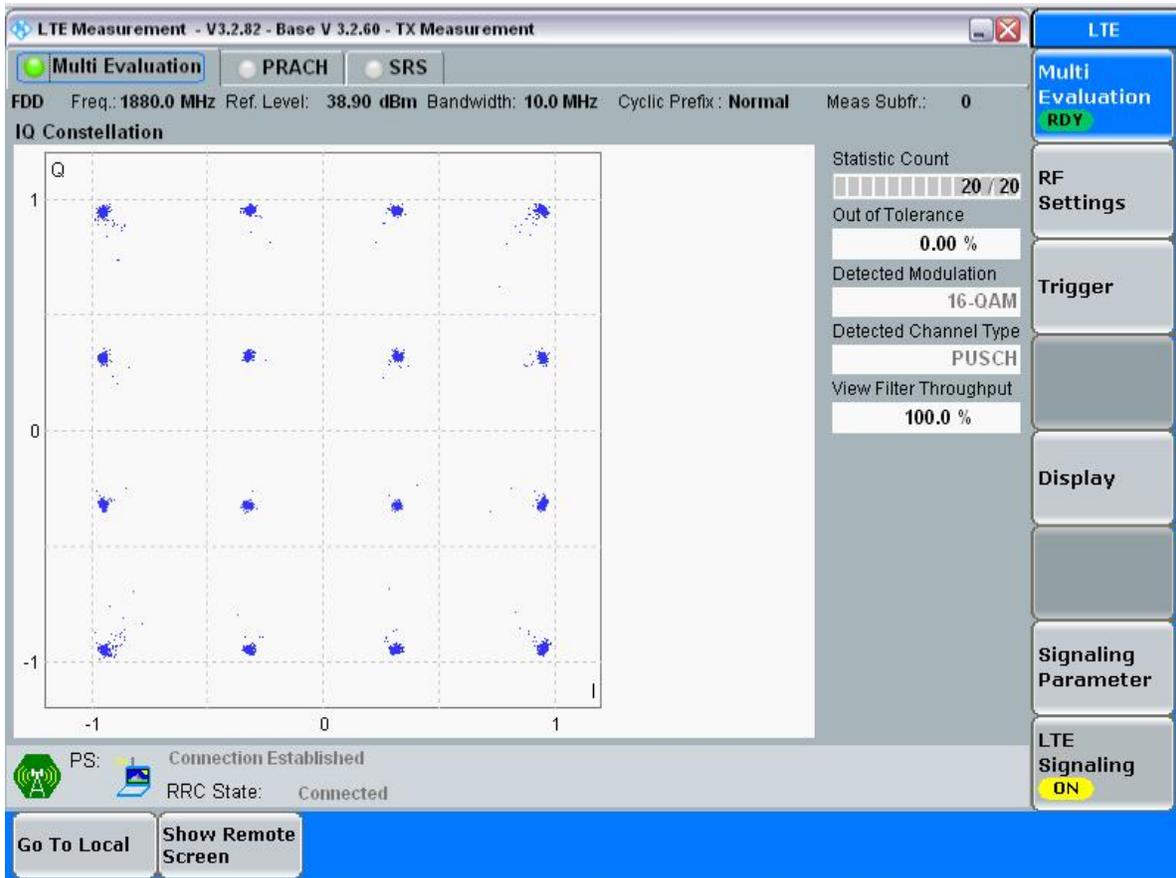
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

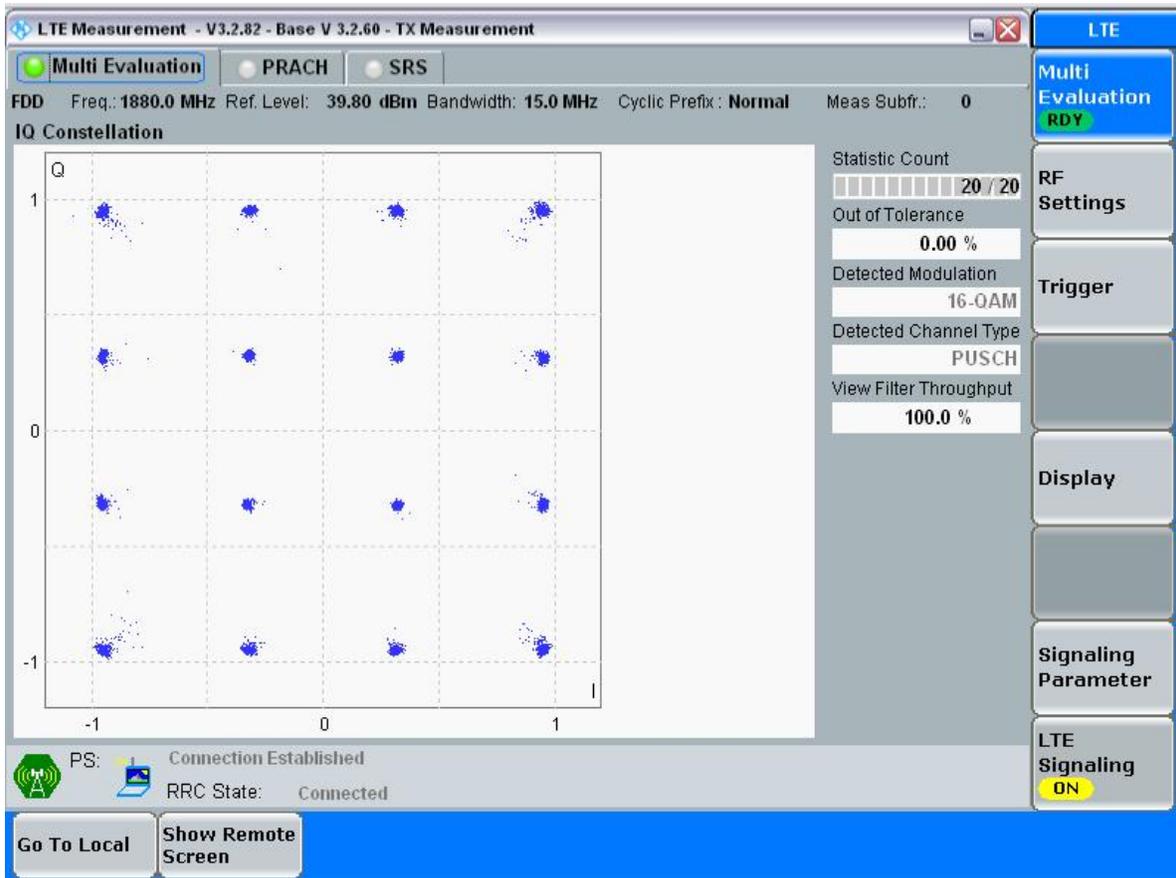
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

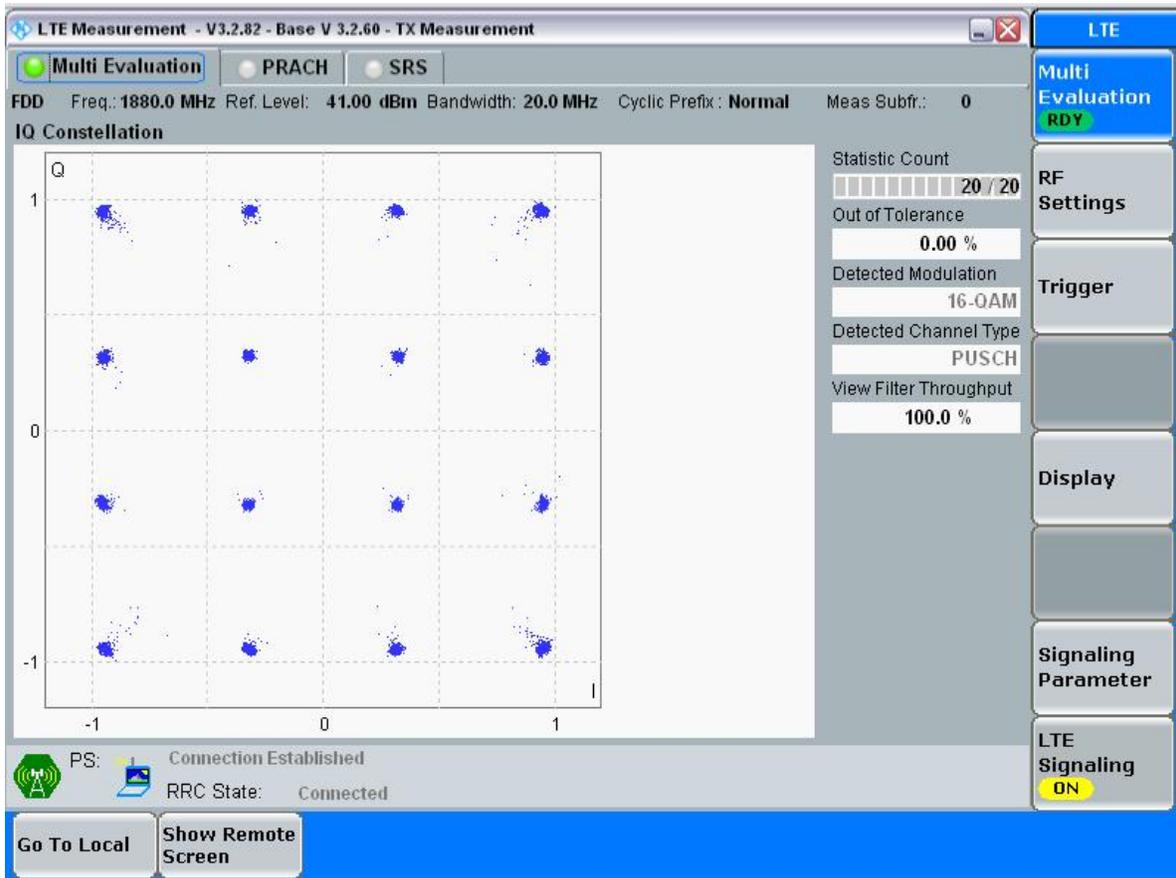
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	1.26	Pass
			MCH	RB6#0	1.09	1.26	Pass
			HCH	RB6#0	1.09	1.26	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.95	Pass
		5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.51	4.92	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.99	9.63	Pass
			MCH	RB50#0	8.99	9.61	Pass
			HCH	RB50#0	9.00	9.66	Pass
		15	LCH	RB75#0	13.48	14.34	Pass
			MCH	RB75#0	13.51	14.44	Pass
			HCH	RB75#0	13.53	14.48	Pass
		20	LCH	RB100#0	17.92	18.97	Pass
			MCH	RB100#0	17.98	19.00	Pass
			HCH	RB100#0	17.99	19.03	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.27	Pass
			HCH	RB6#0	1.09	1.28	Pass
		3	LCH	RB15#0	2.70	2.96	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.70	2.95	Pass
		5	LCH	RB25#0	4.51	4.87	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.51	4.86	Pass
		10	LCH	RB50#0	8.98	9.63	Pass
			MCH	RB50#0	8.99	9.62	Pass
			HCH	RB50#0	8.99	9.66	Pass
15		LCH	RB75#0	13.48	14.26	Pass	
		MCH	RB75#0	13.50	14.30	Pass	
		HCH	RB75#0	13.52	14.31	Pass	
20		LCH	RB100#0	17.93	18.98	Pass	
		MCH	RB100#0	17.99	19.00	Pass	
		HCH	RB100#0	18.00	18.99	Pass	



Part II - Test Plots

4.1 For LTE

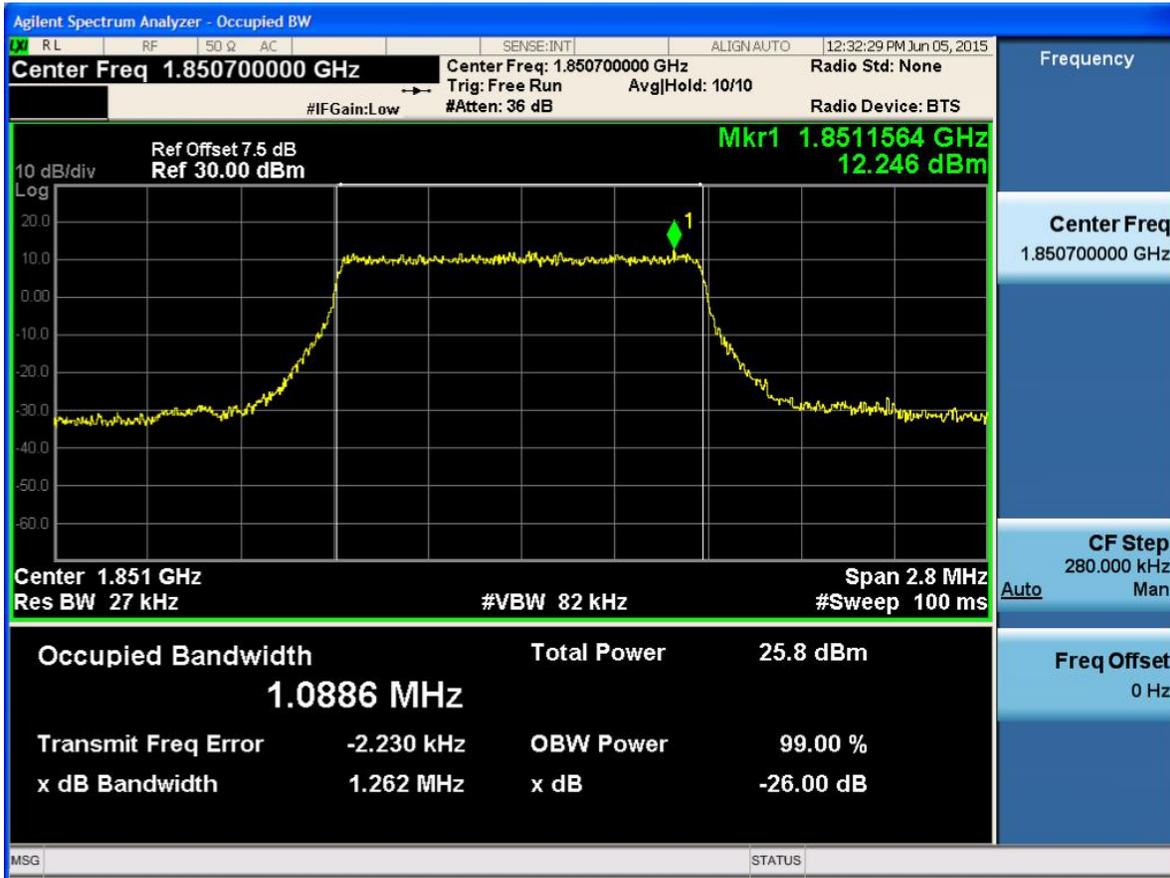
4.1.1 Test Band = BAND2

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

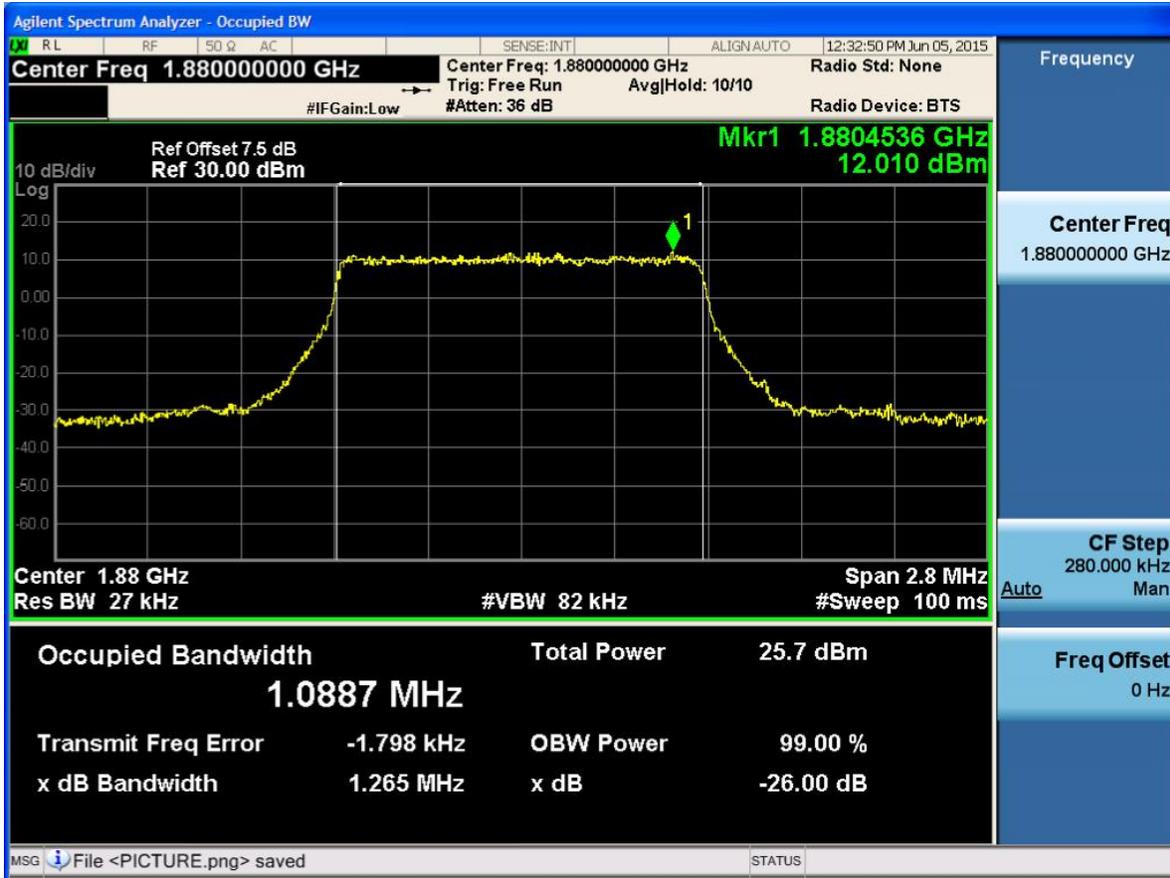
4.1.1.1.1.1.1 Test RB = RB6#0





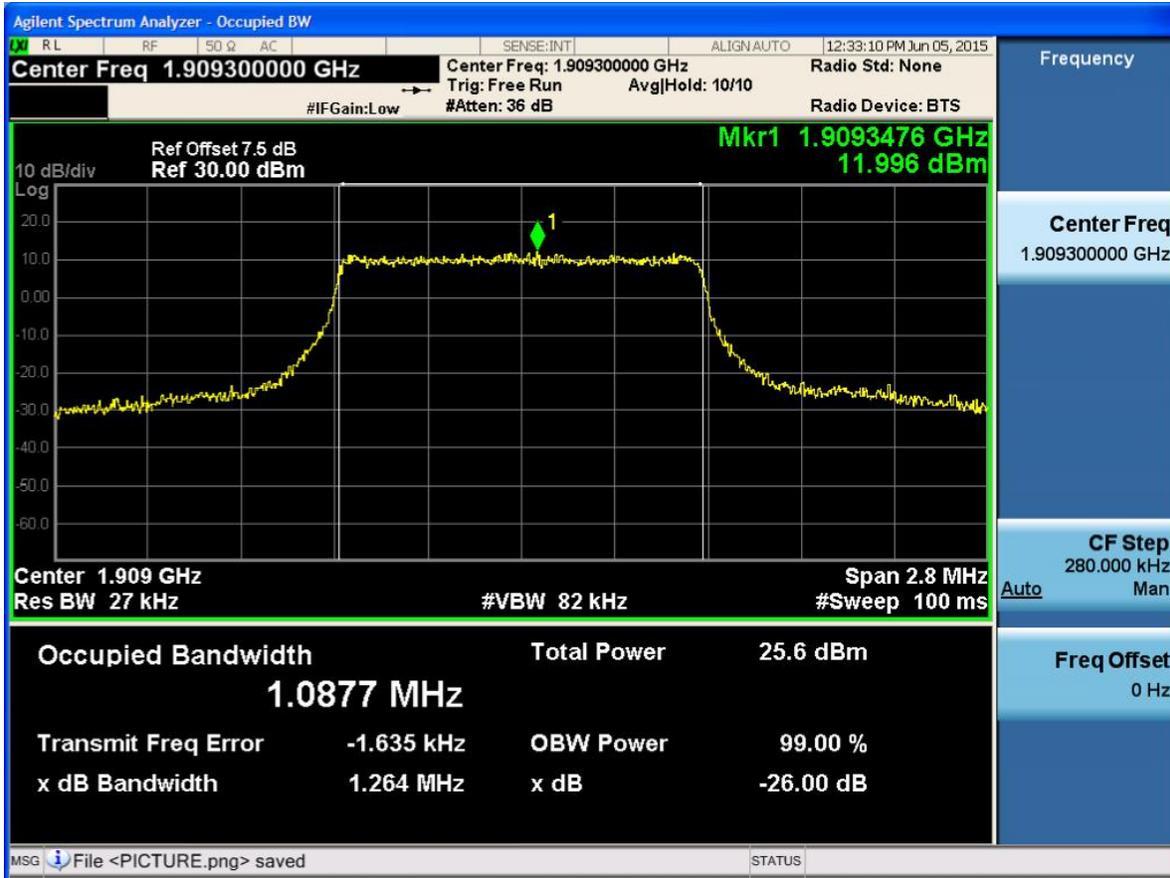
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

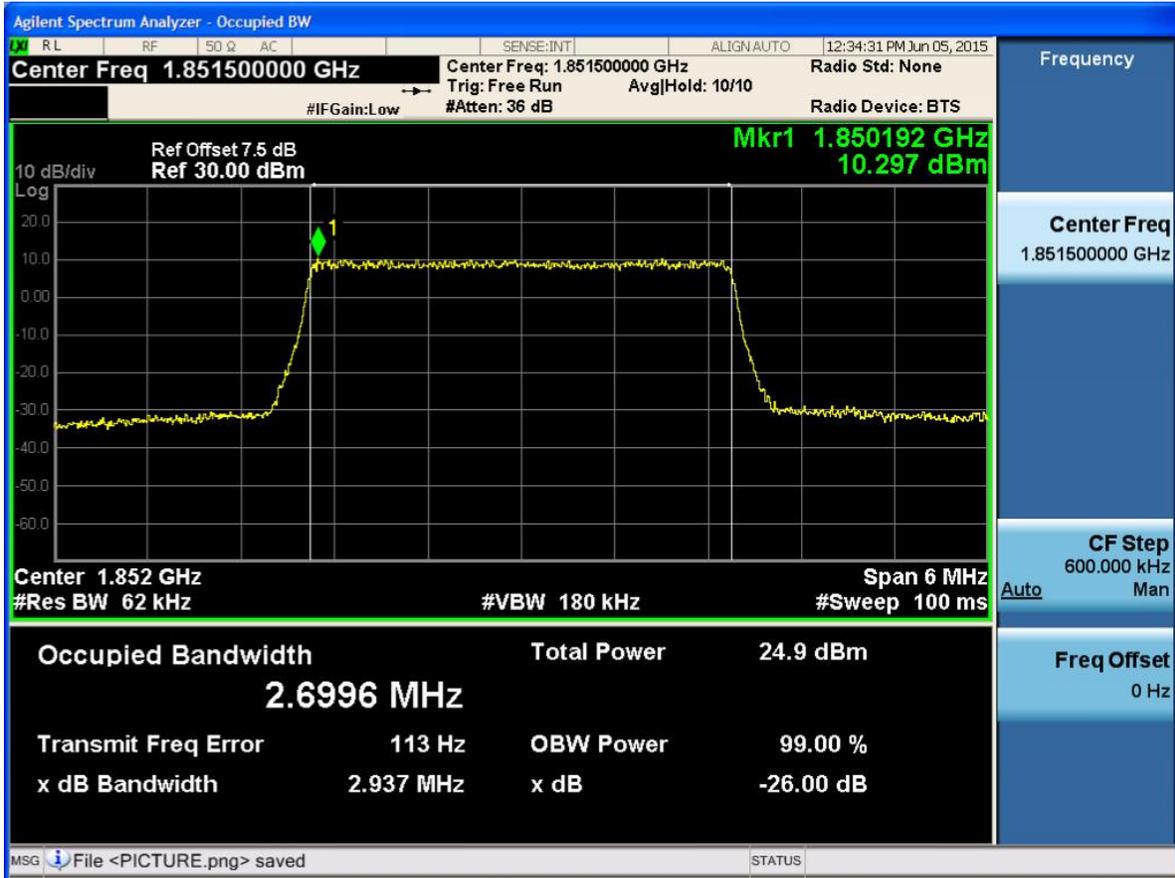




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

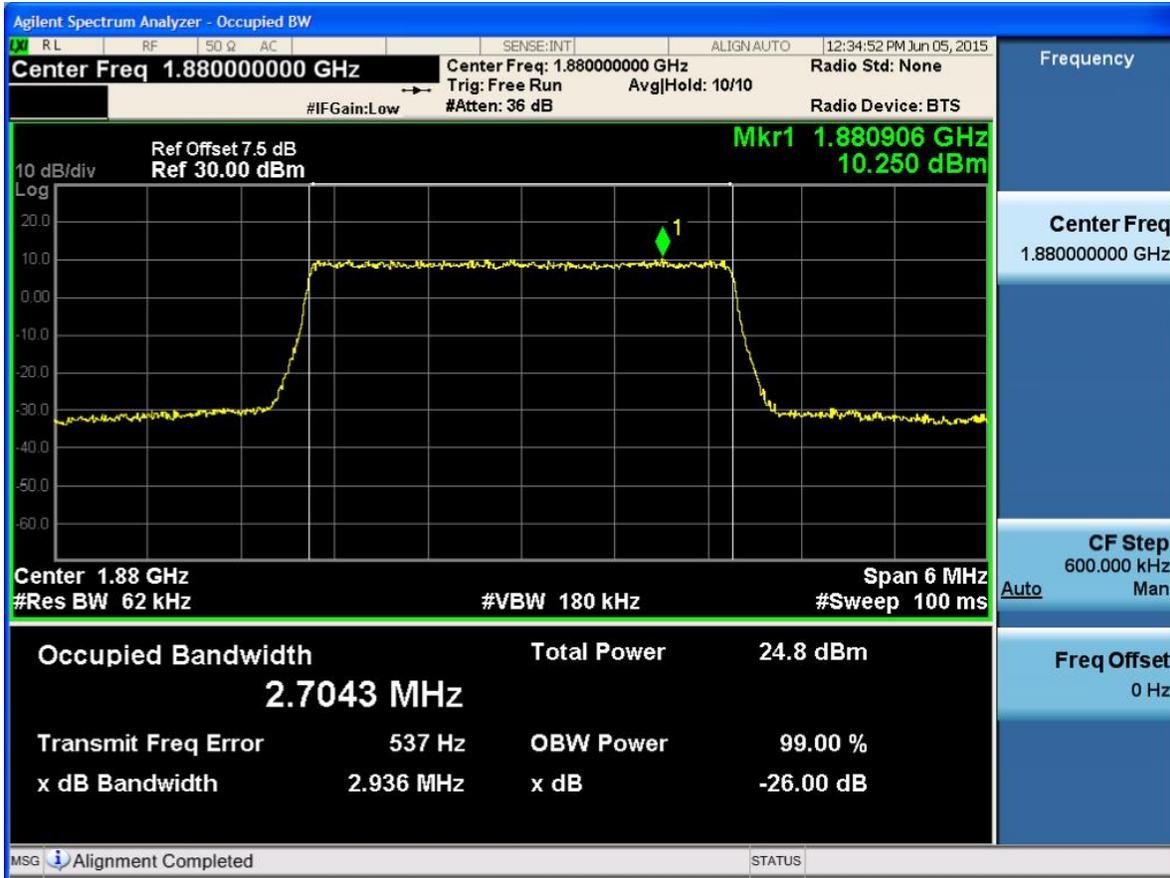
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

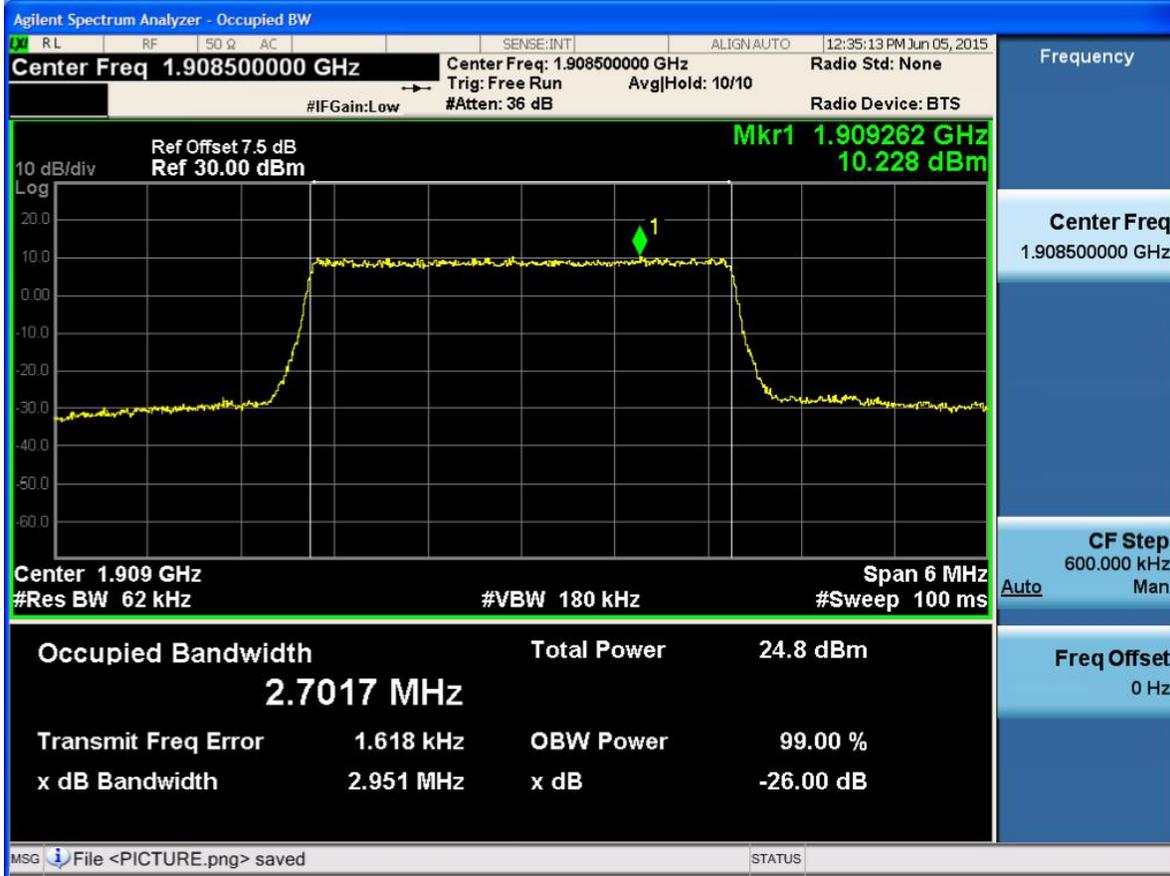
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

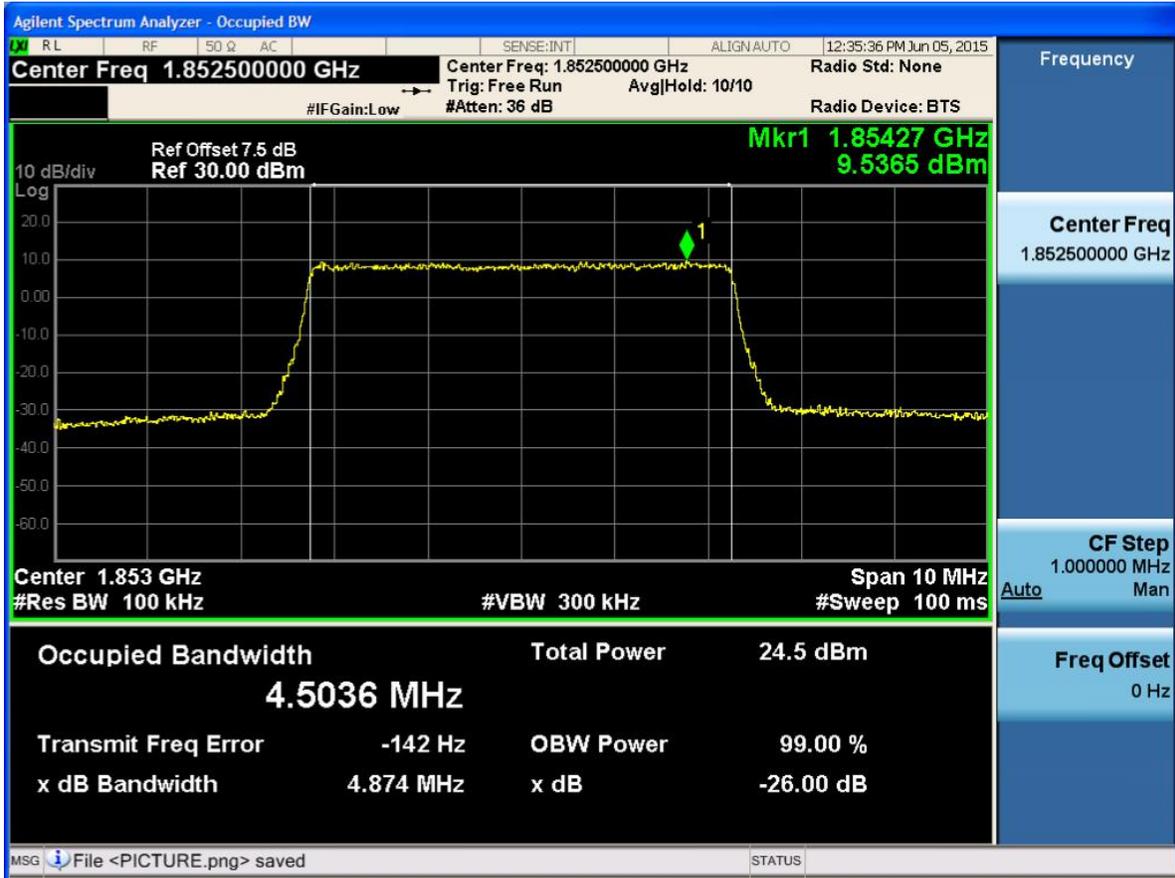




4.1.1.1.3 Test Bandwidth = 5

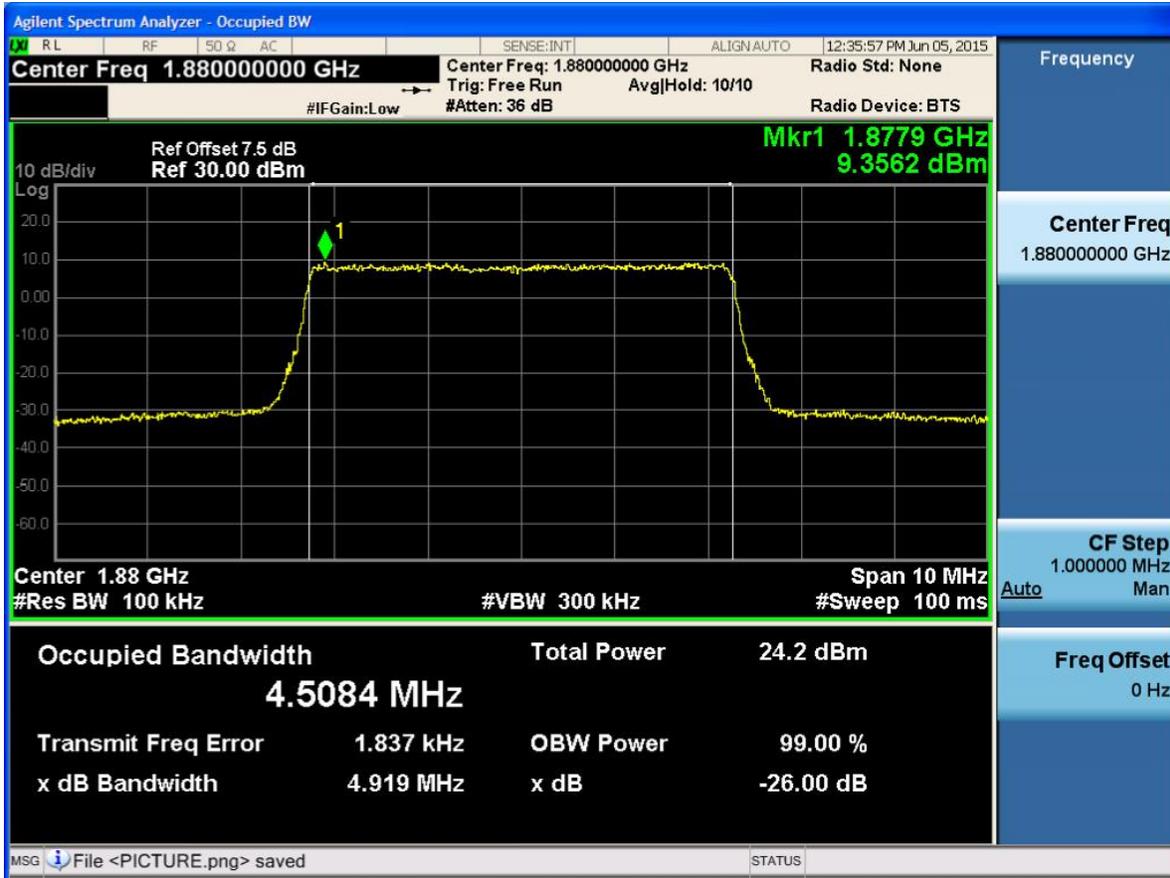
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

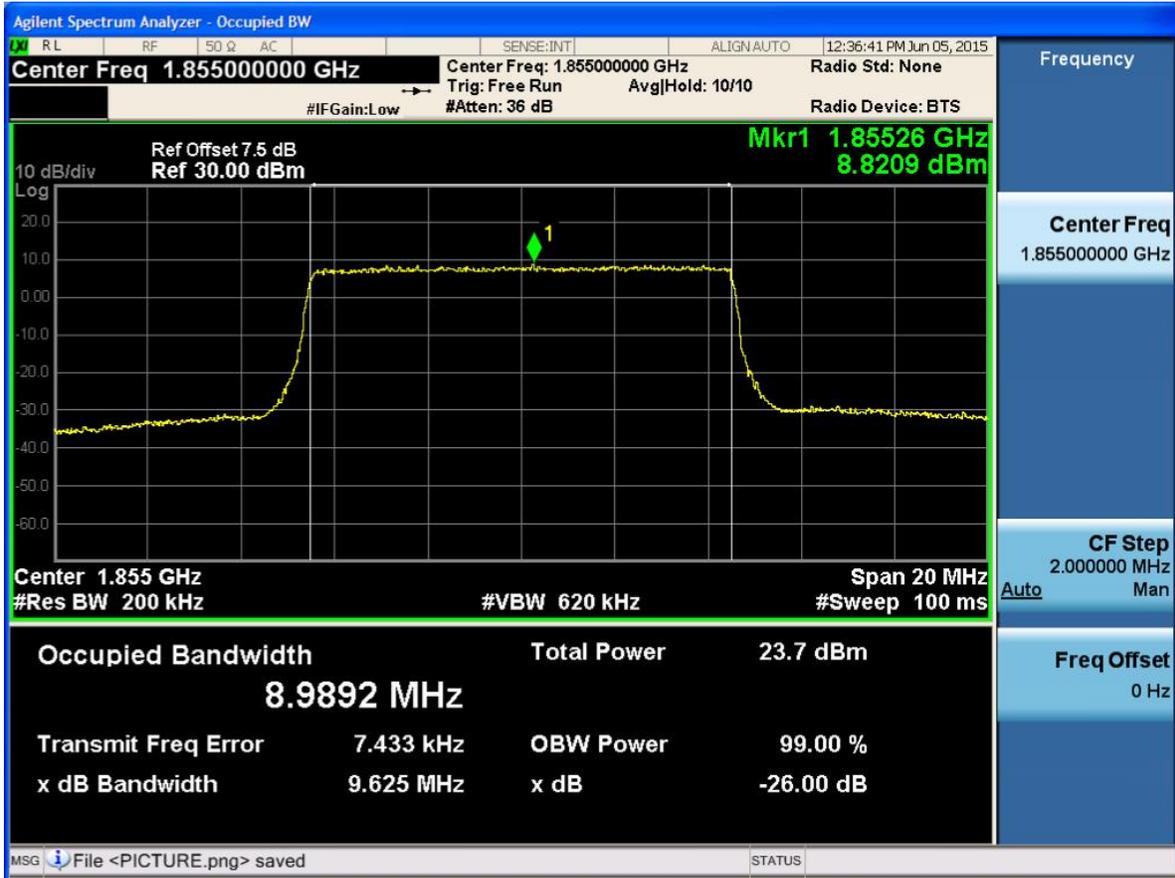




4.1.1.1.4 Test Bandwidth = 10

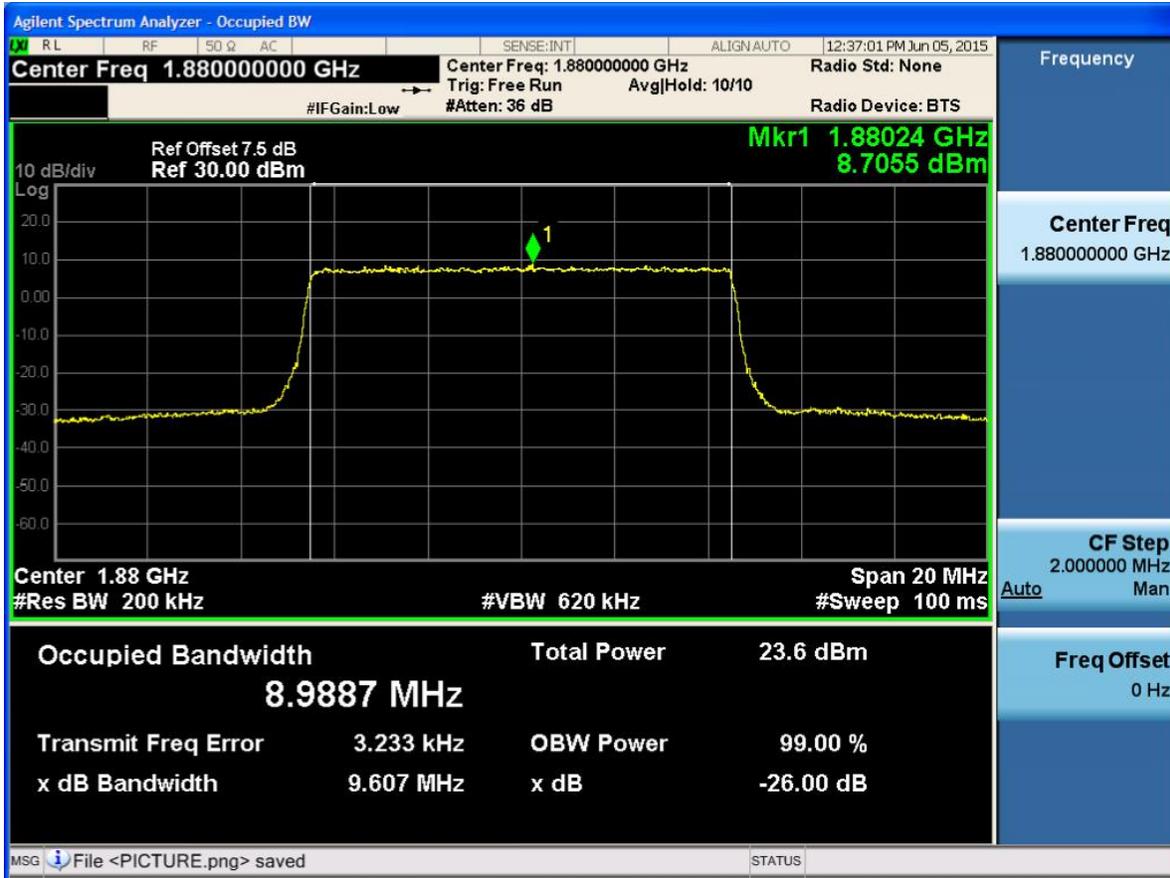
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



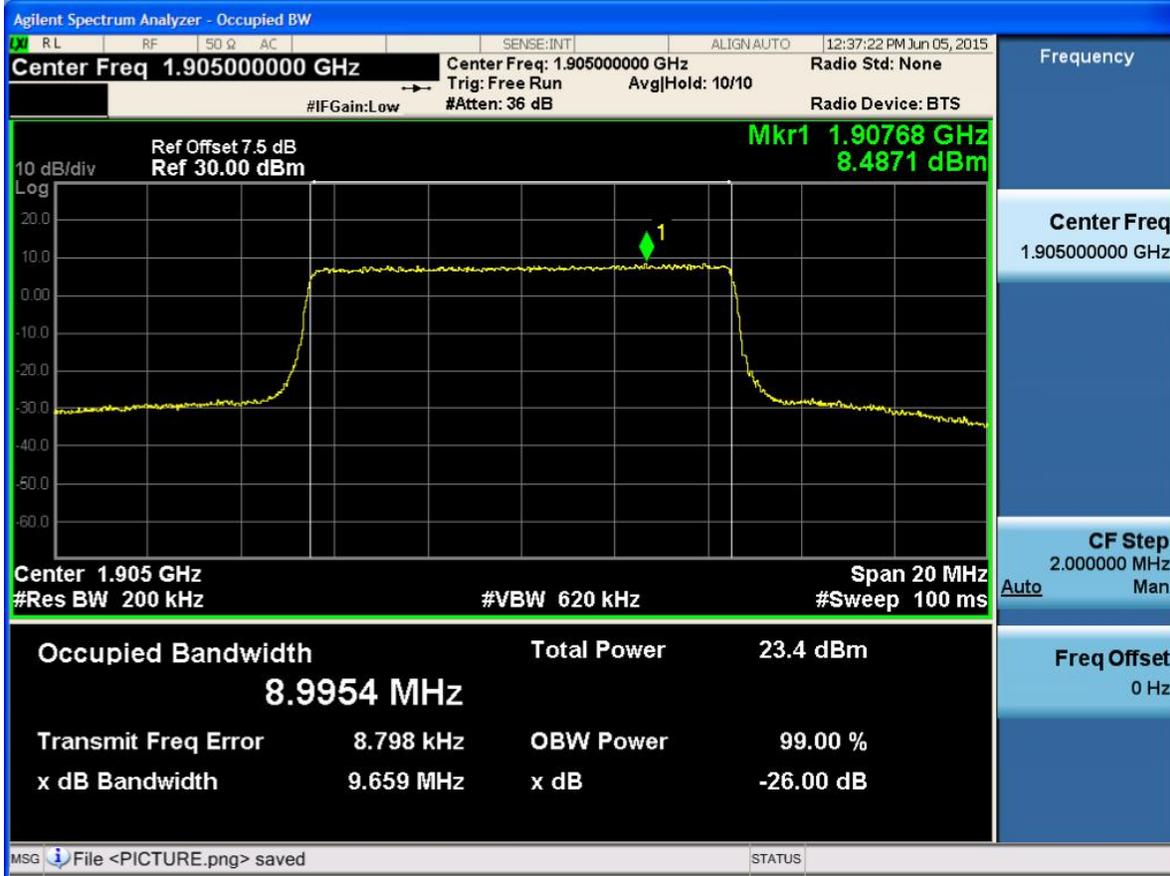
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

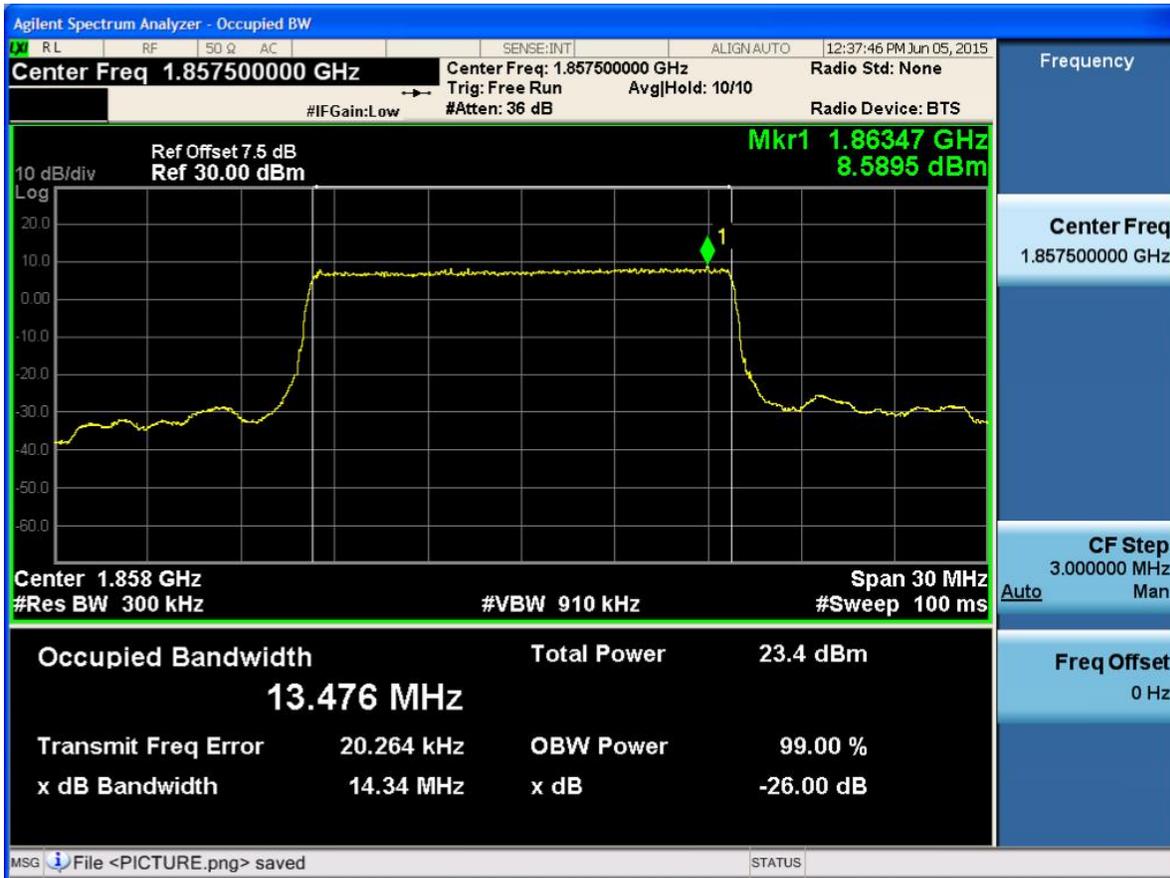




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

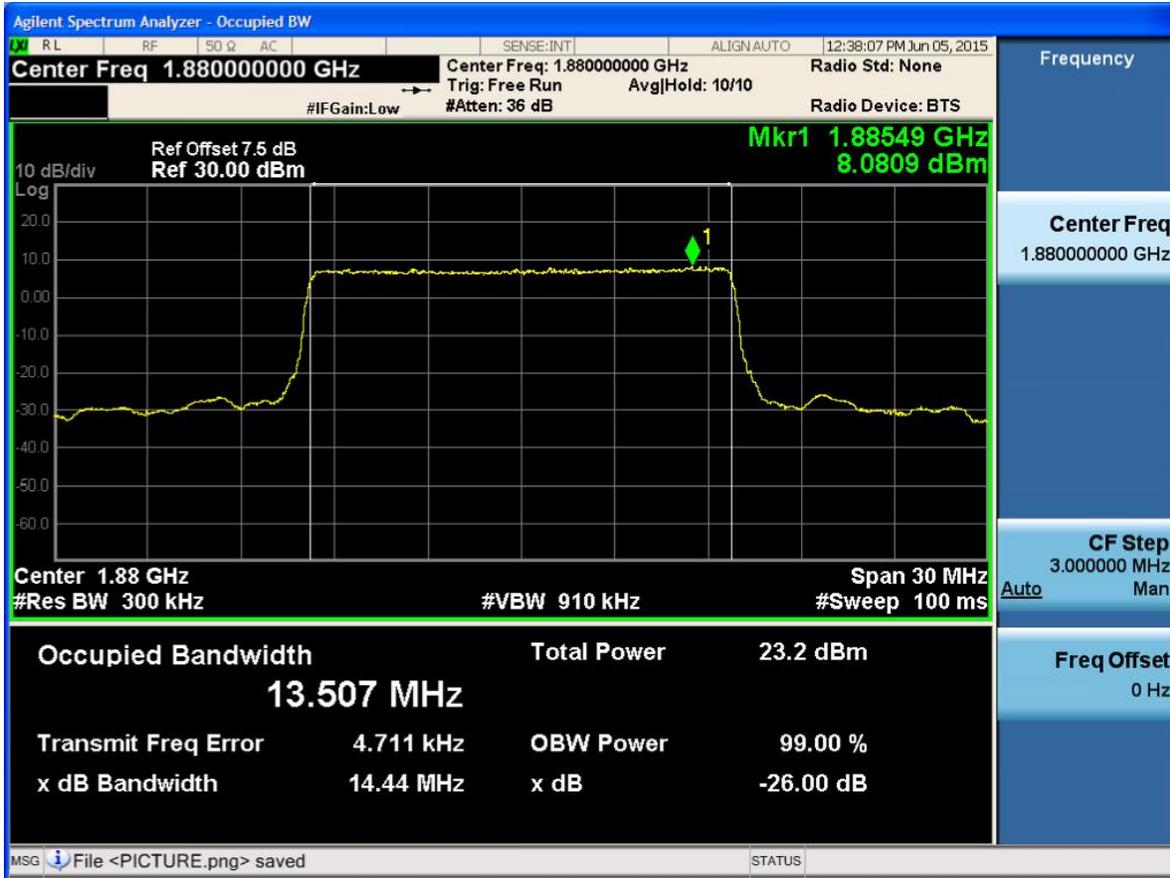
4.1.1.1.5.1.1 Test RB = RB75#0





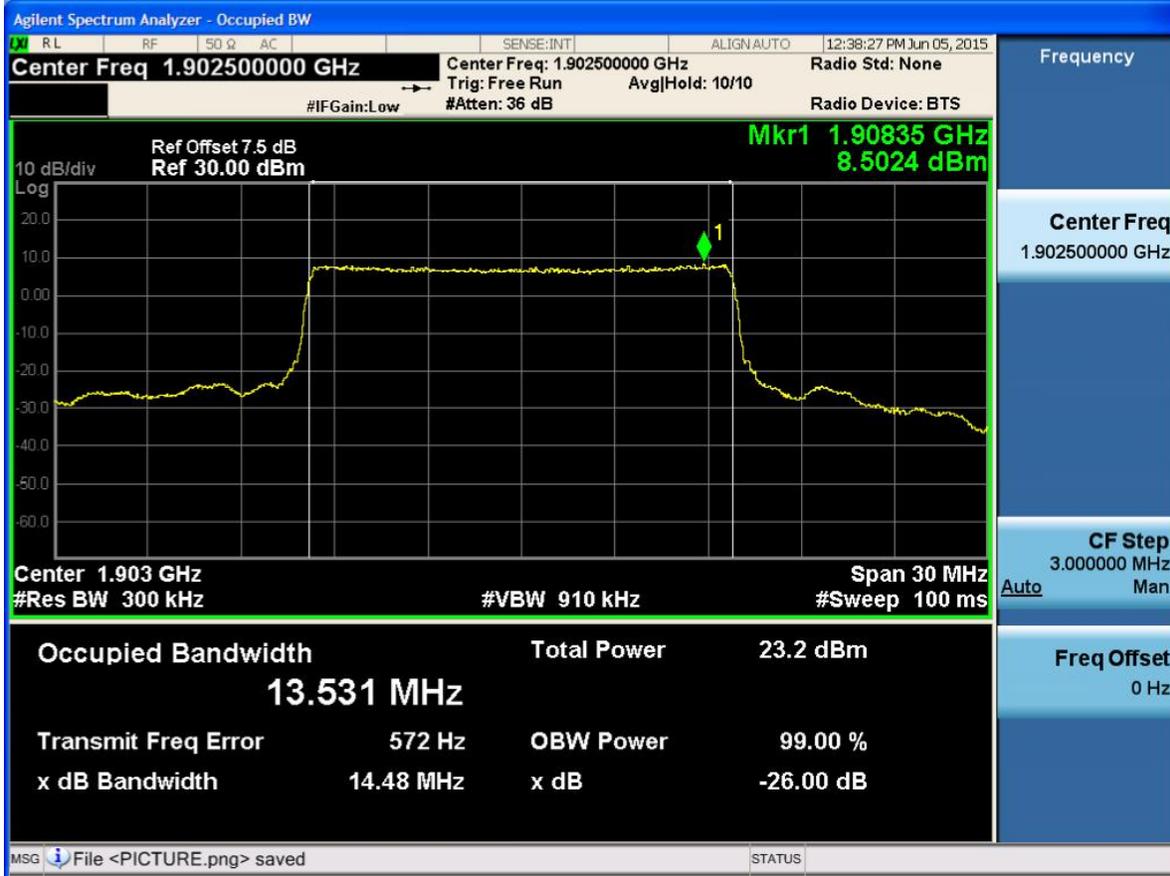
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

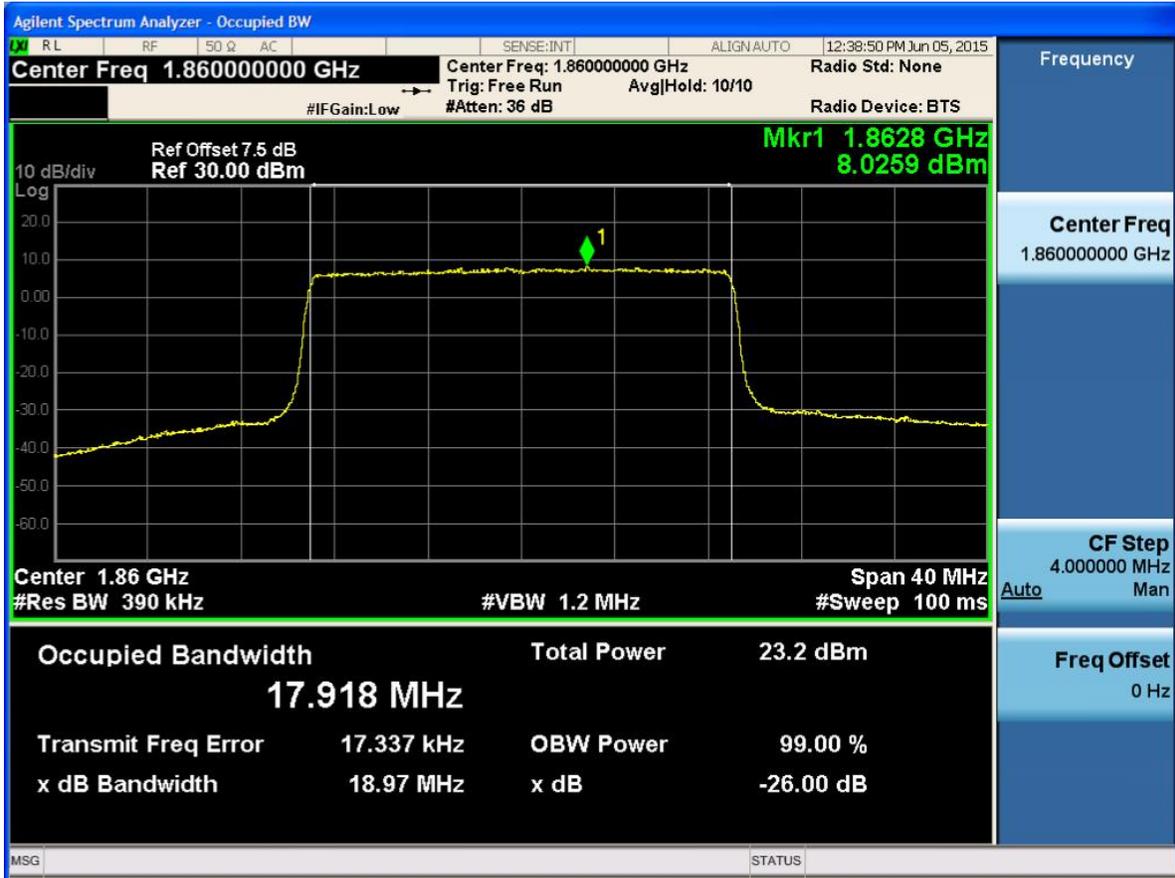




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0

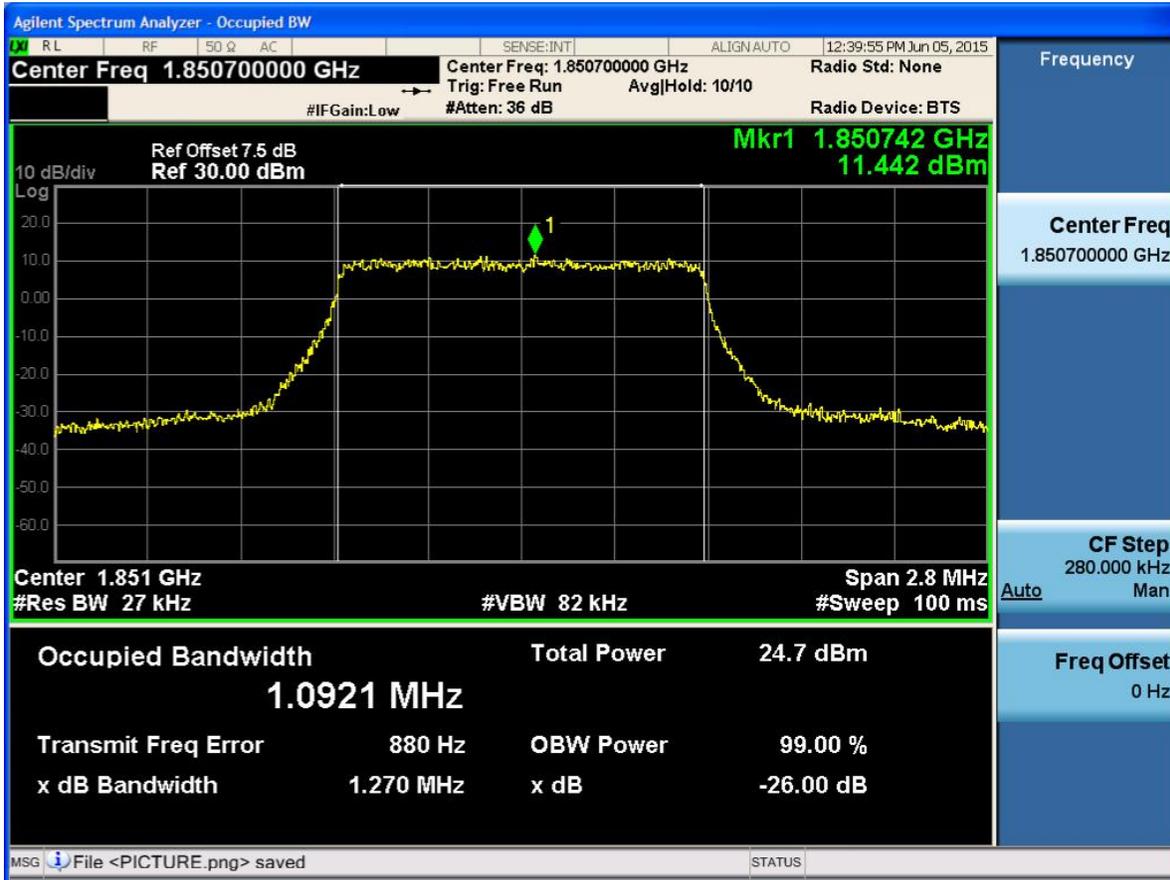


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

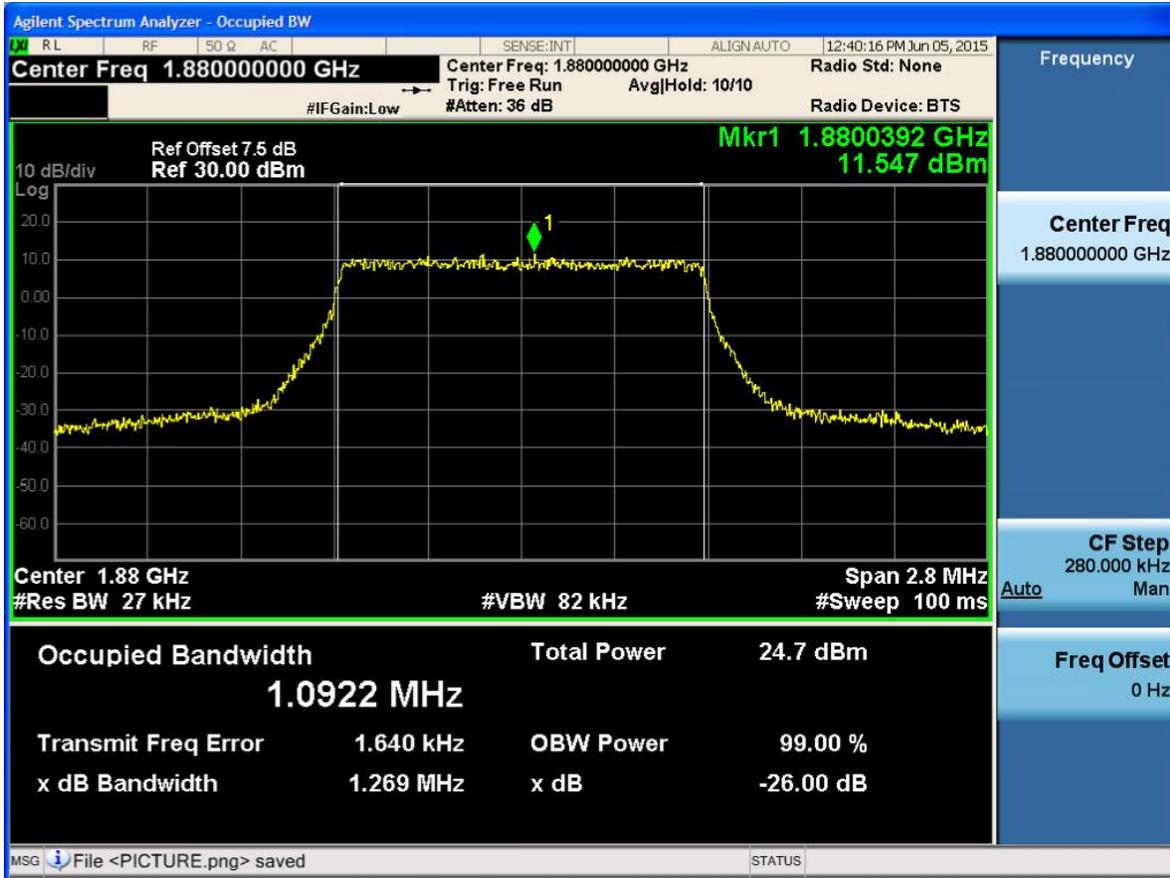
4.1.1.2.1.1.1 Test RB = RB6#0





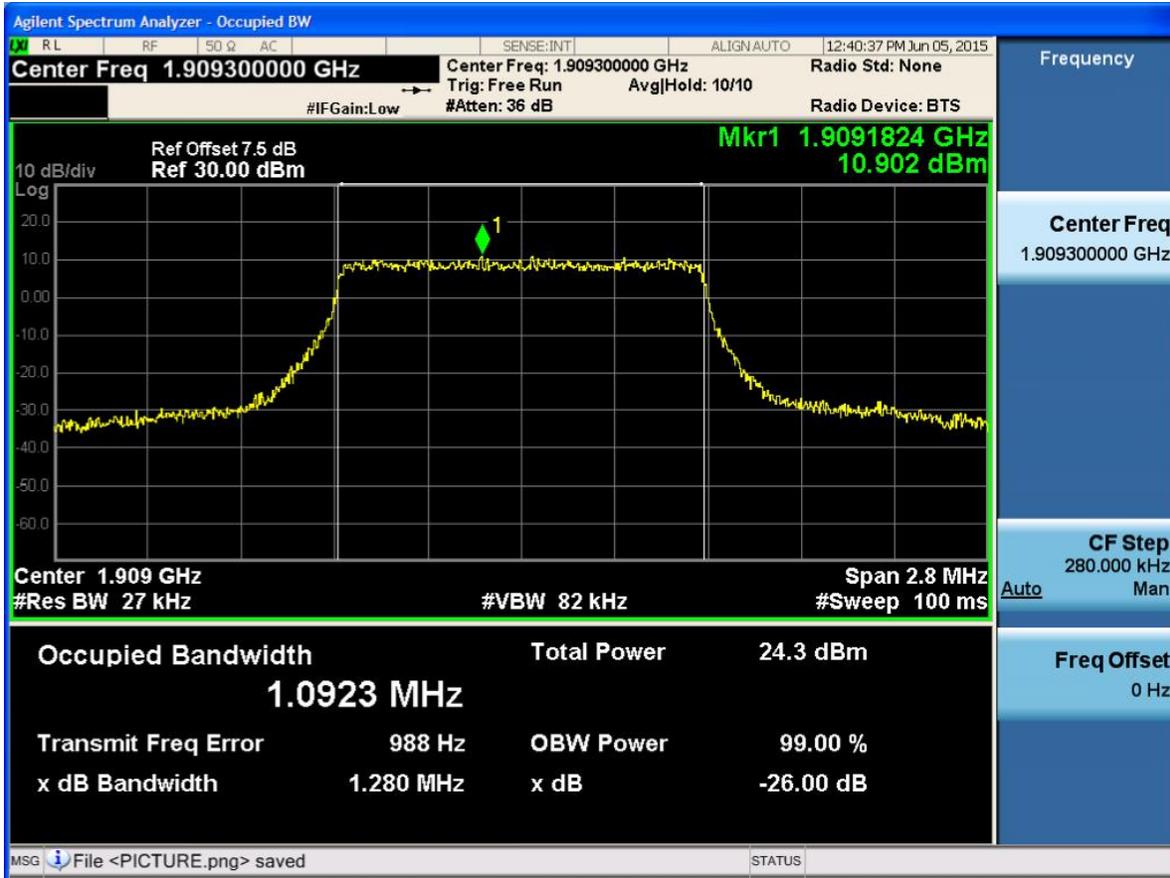
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

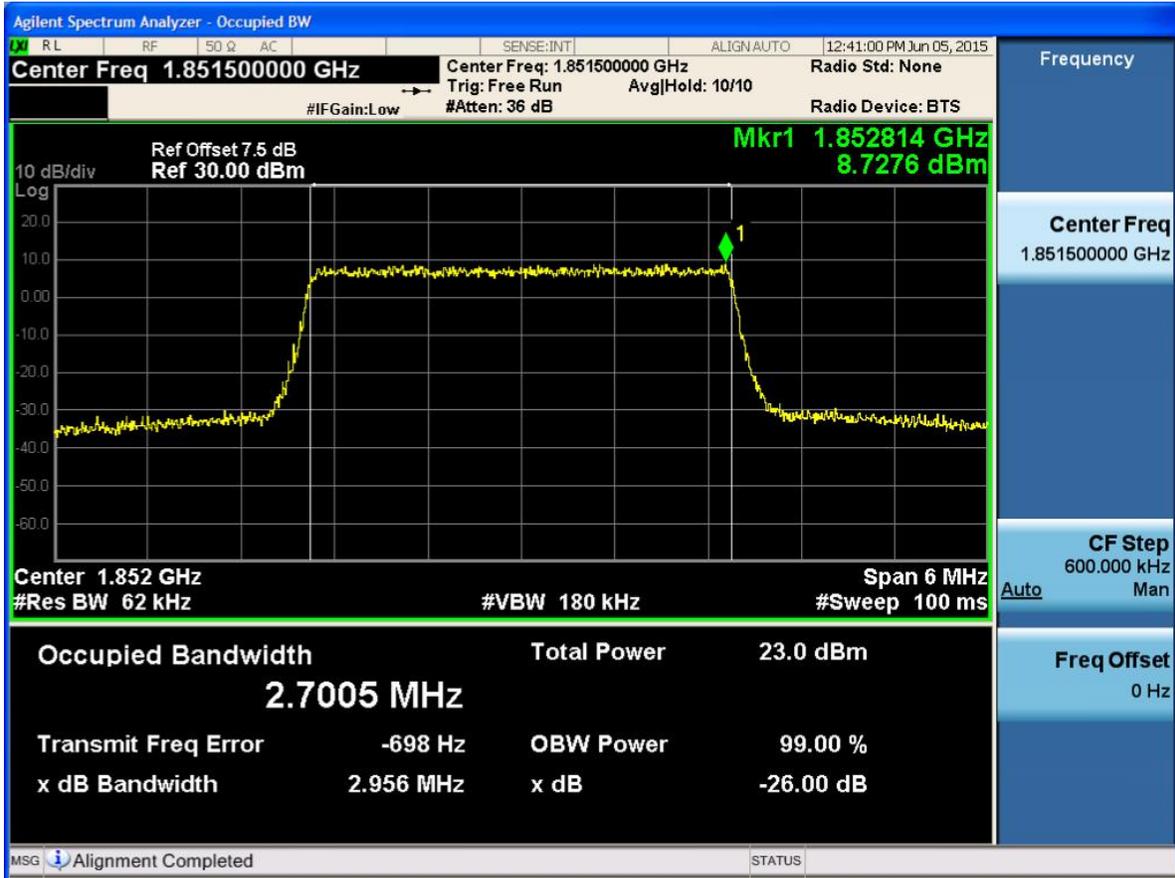




4.1.1.2.2 Test Bandwidth = 3

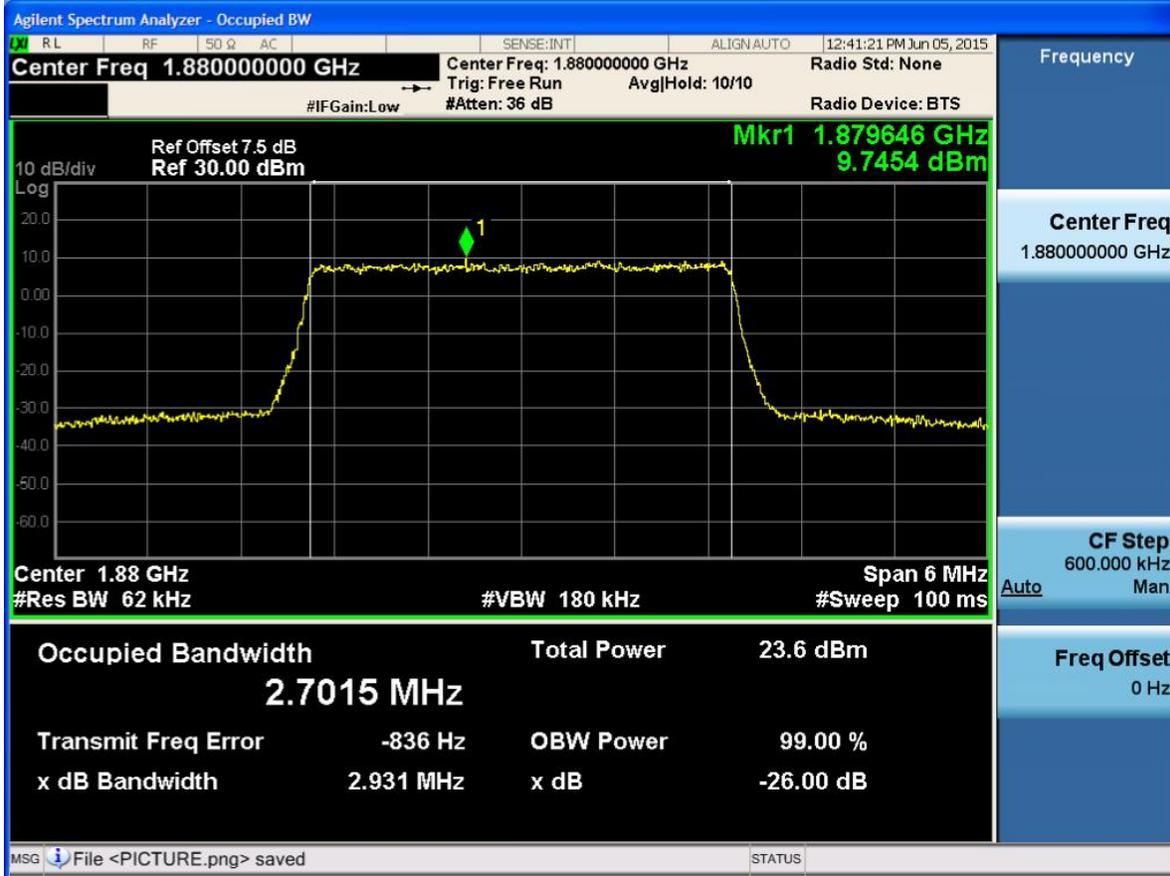
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



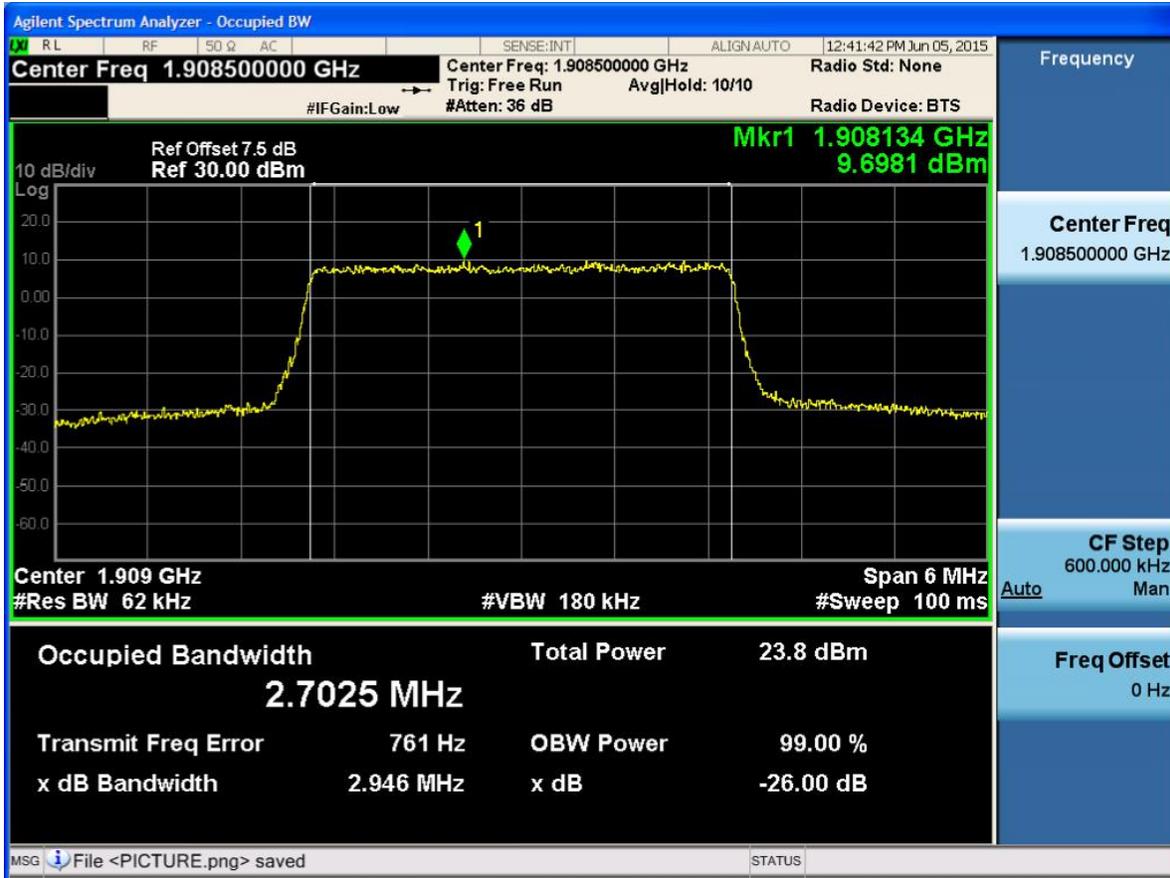
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

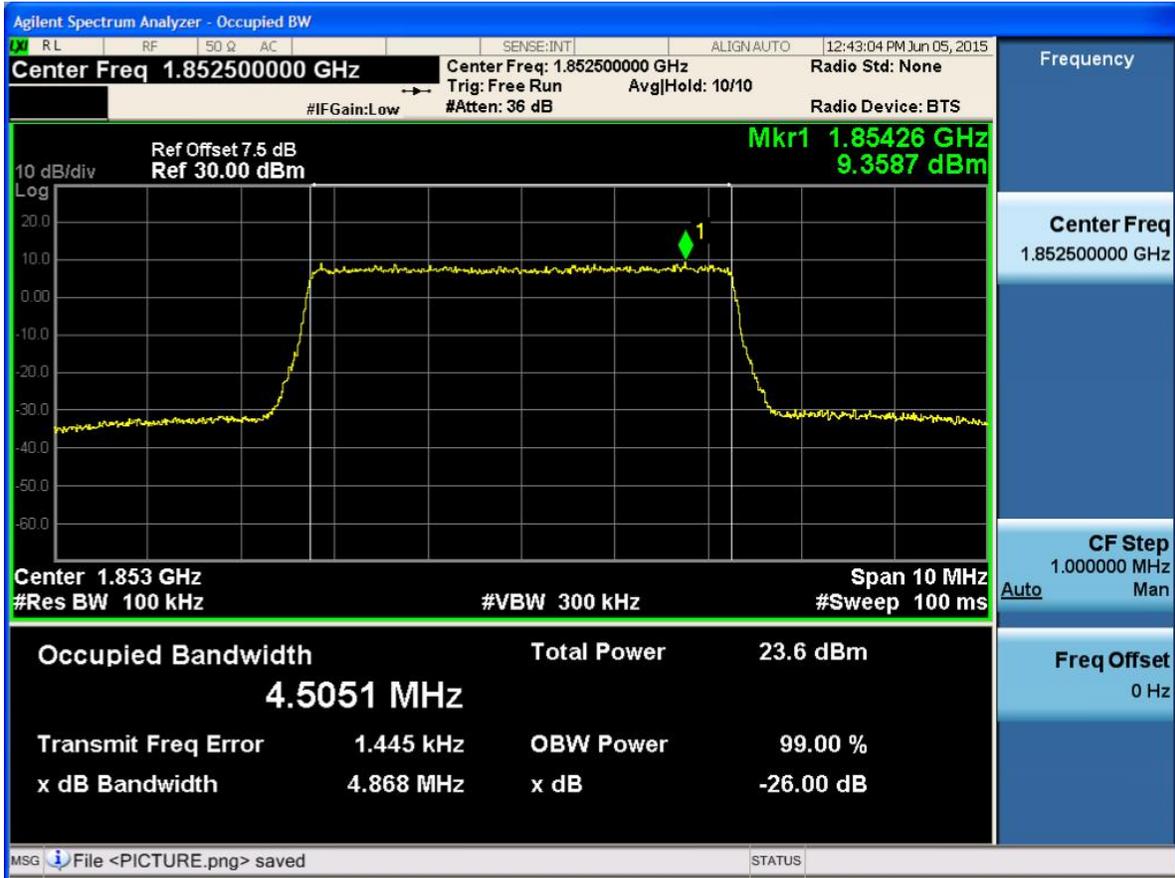




4.1.1.2.3 Test Bandwidth = 5

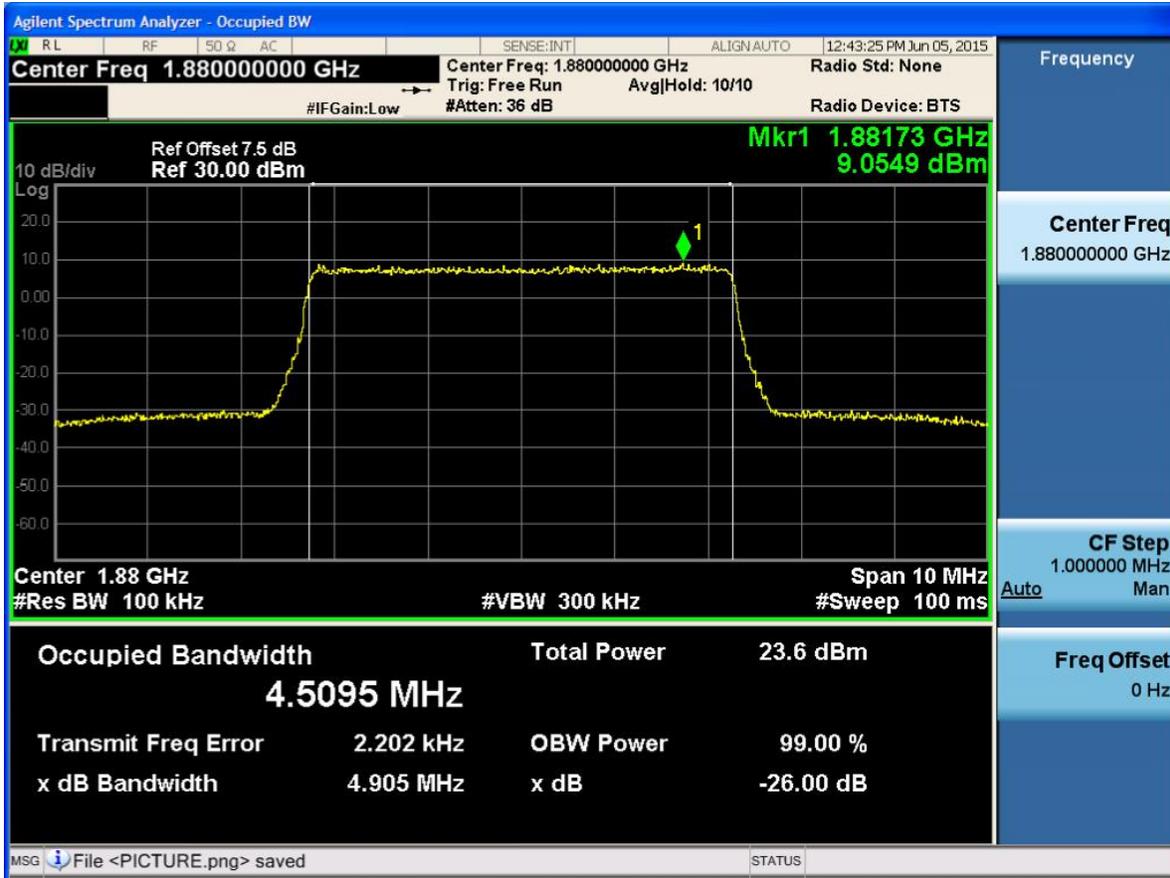
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

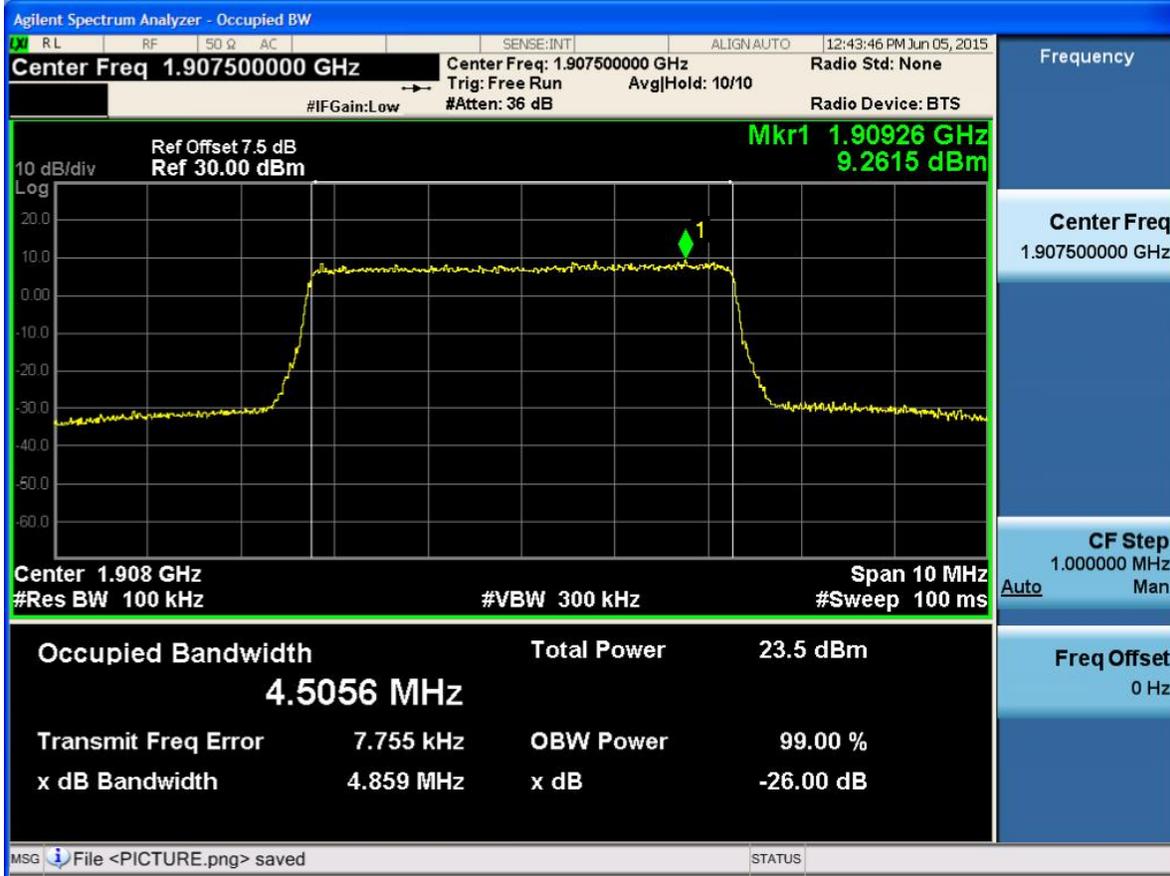
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

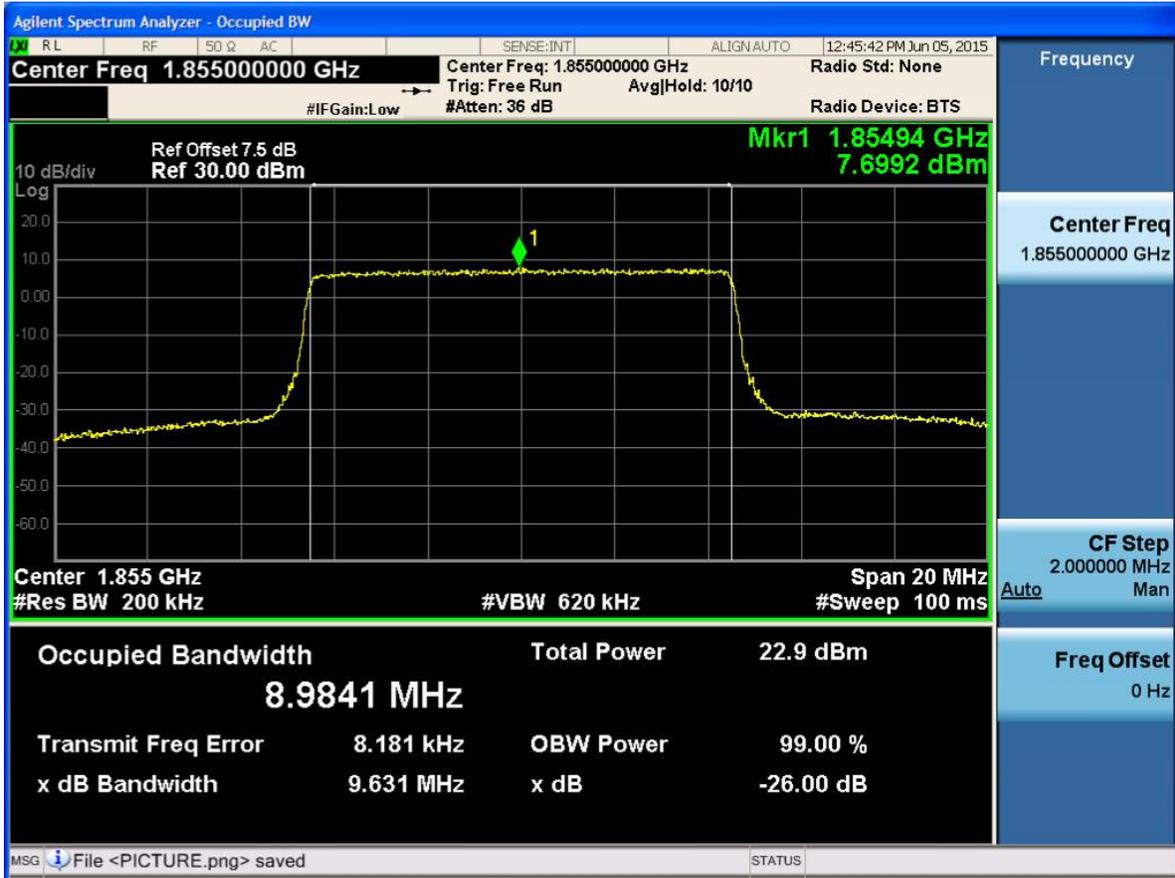




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

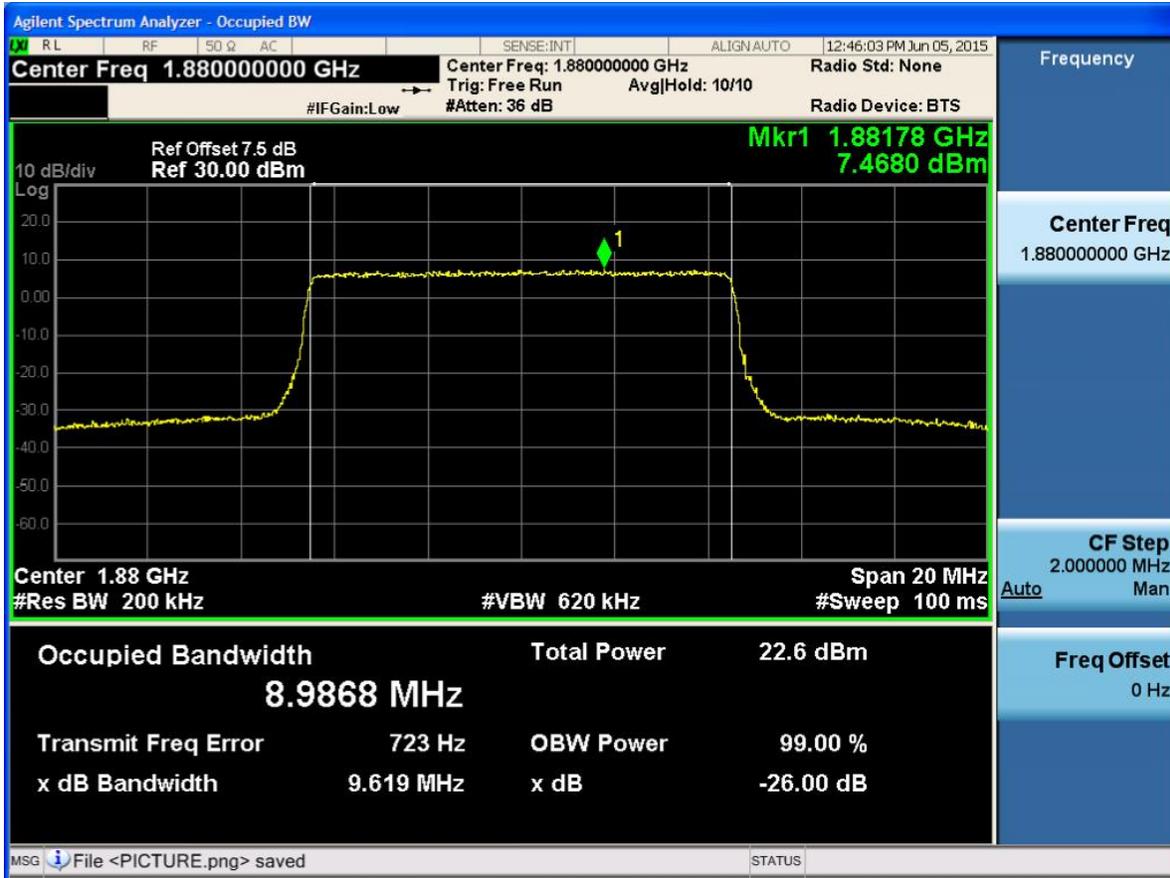
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

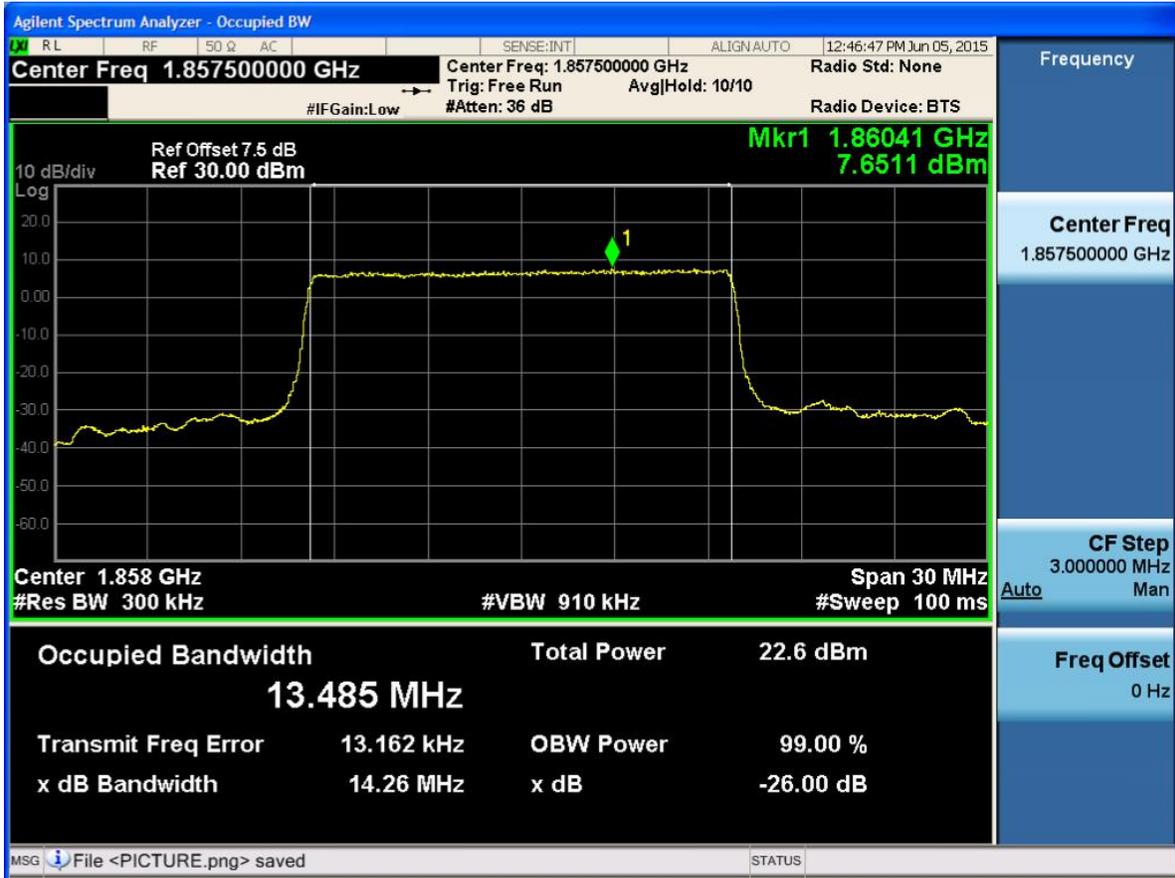




4.1.1.2.5 Test Bandwidth = 15

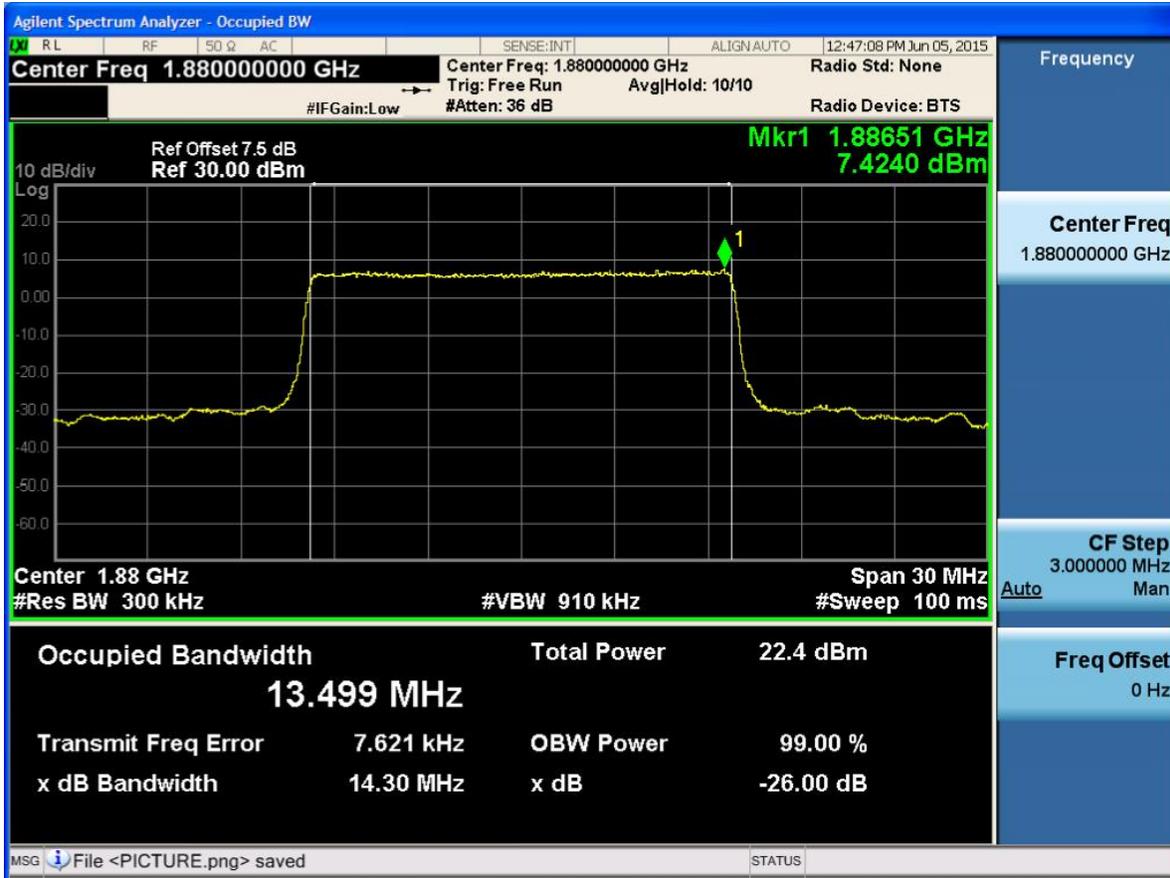
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



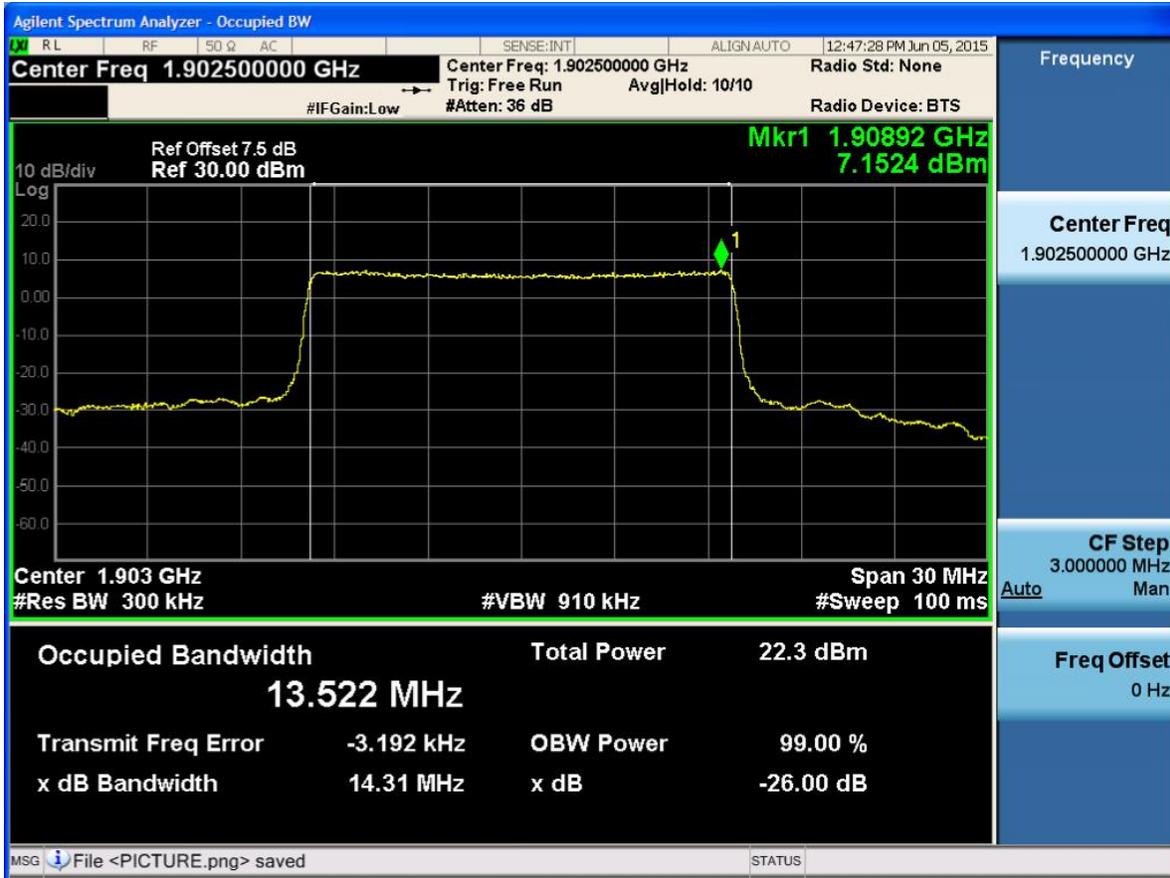
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

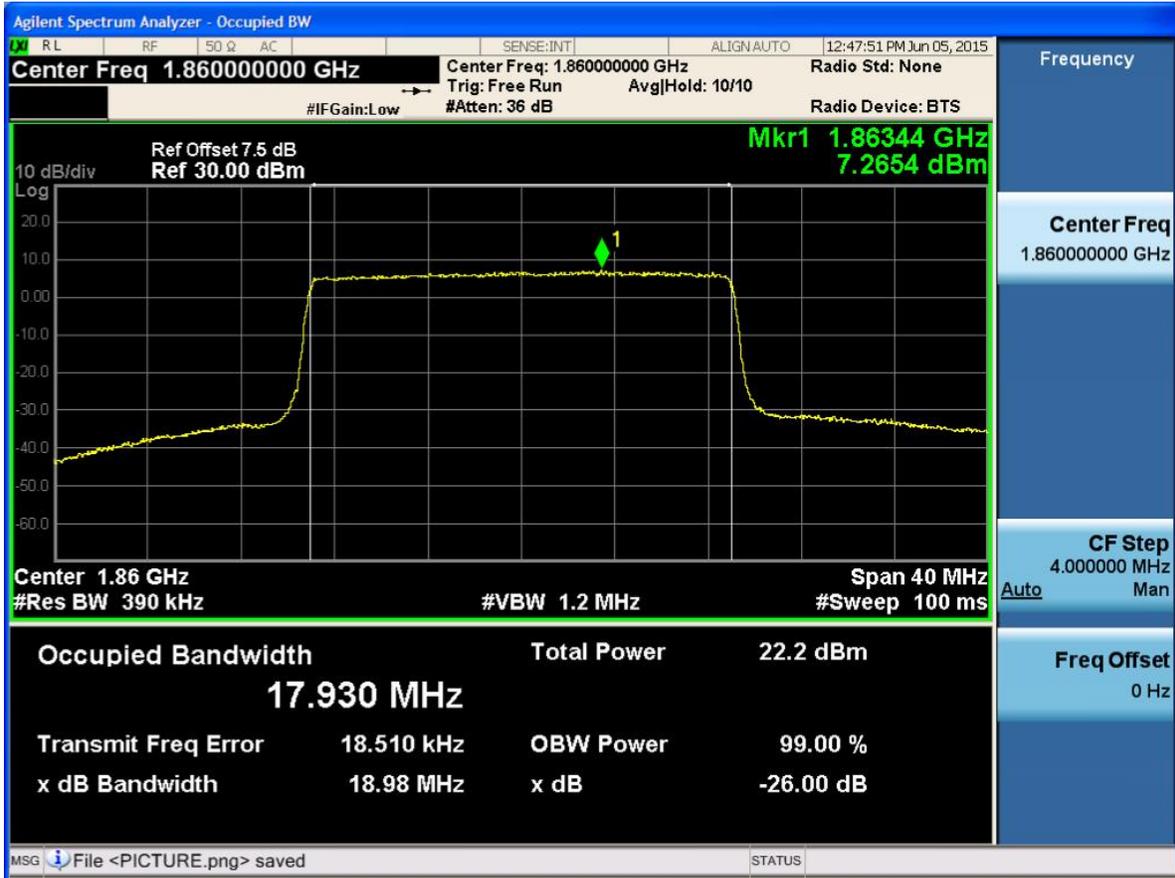




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

##### 5.1.1 Test Band = BAND2

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

##### 5.1.1.1.1 Test Bandwidth = 1.4

##### 5.1.1.1.1.1 Test Channel = LCH

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





5.1.1.1.1.2 Test RB = RB1#5





5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.1.2.4 Test RB = RB6#0

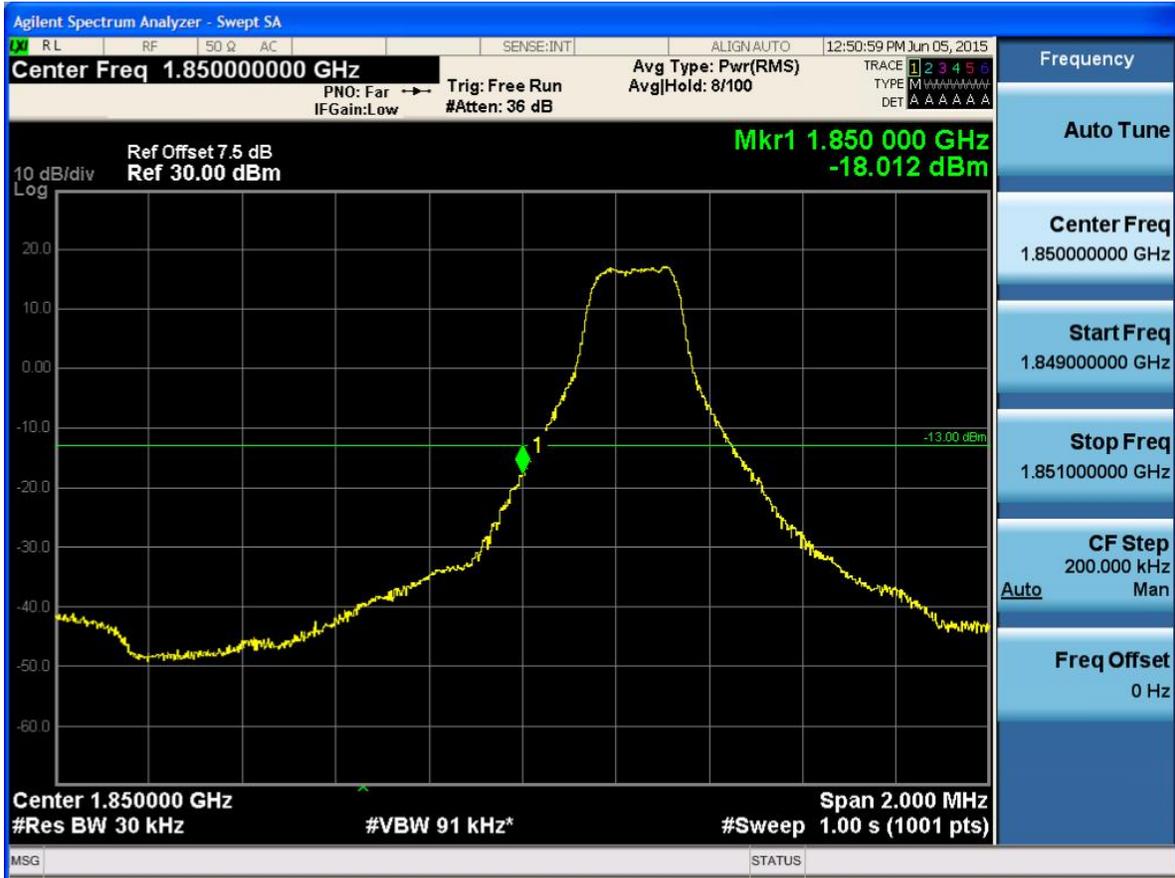




5.1.1.1.2 Test Bandwidth = 3

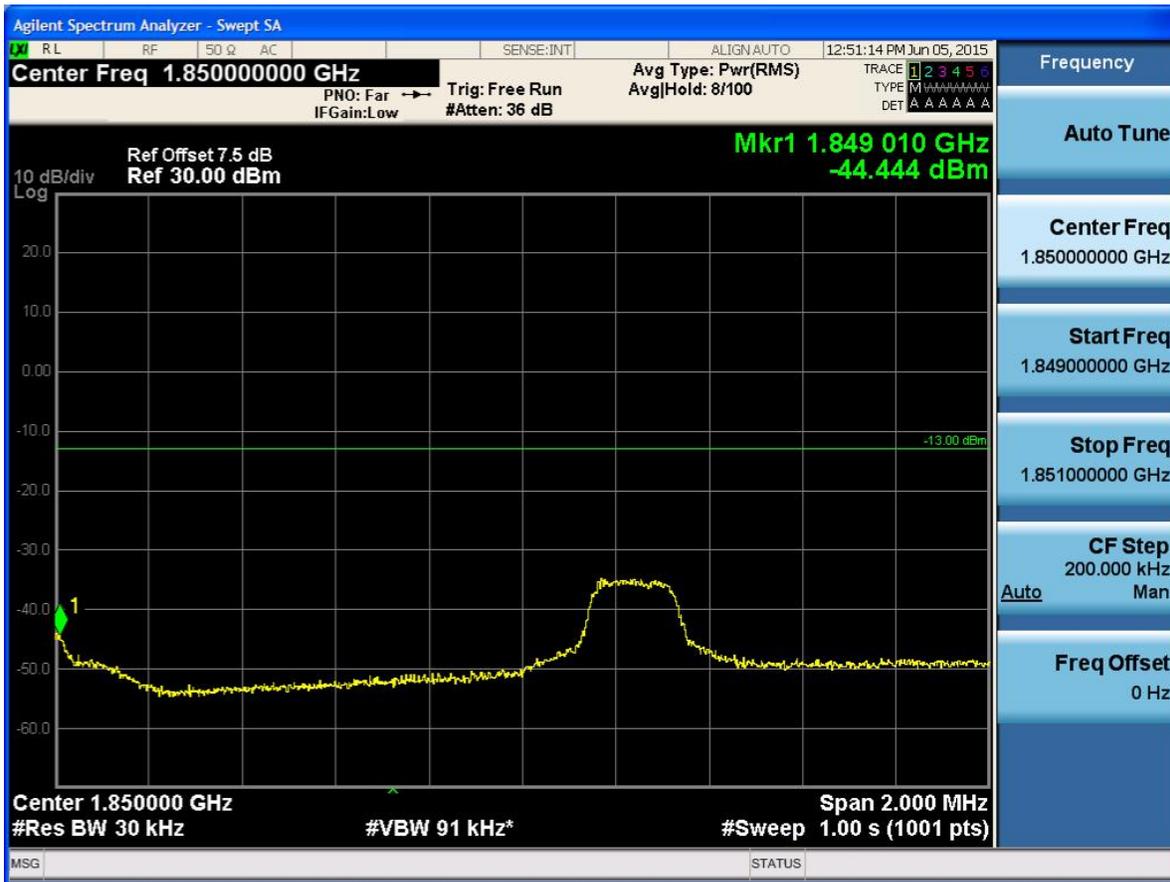
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4





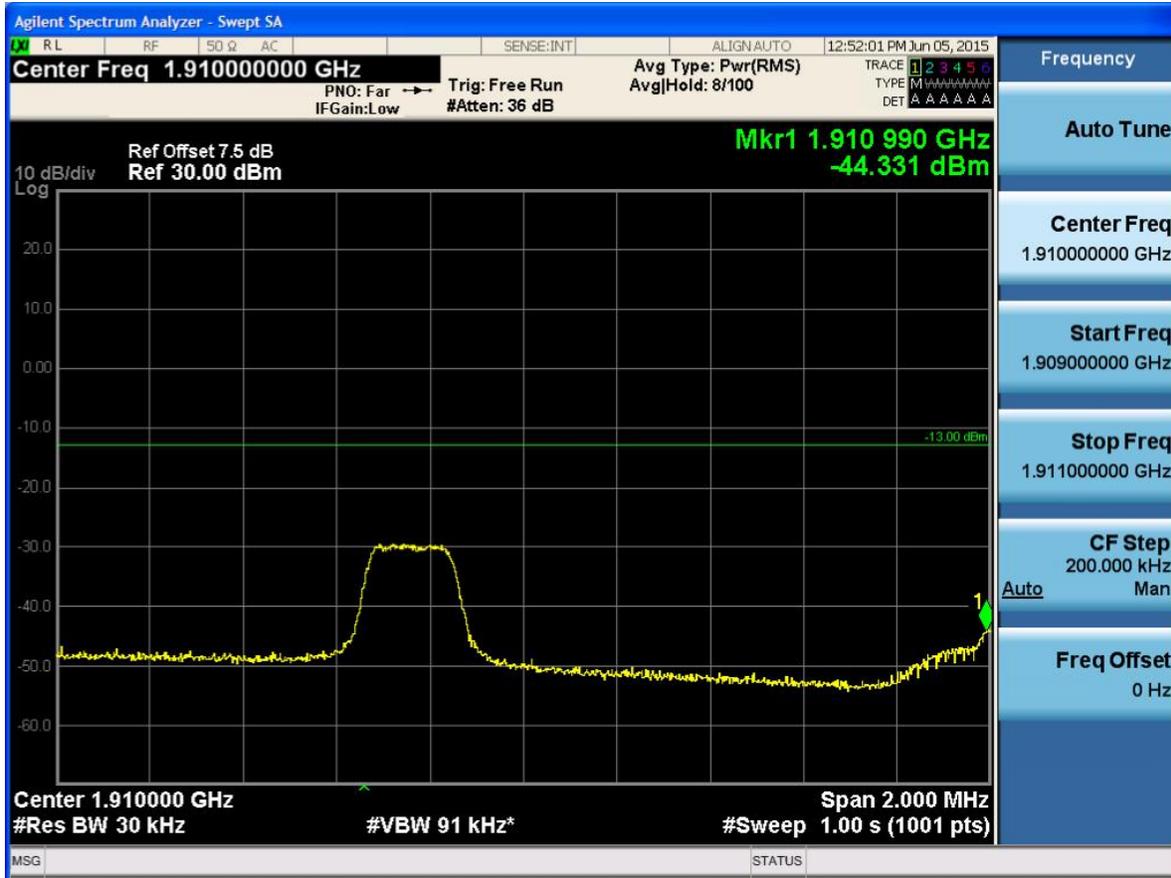
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0







5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0





5.1.1.1.3 Test Bandwidth = 5

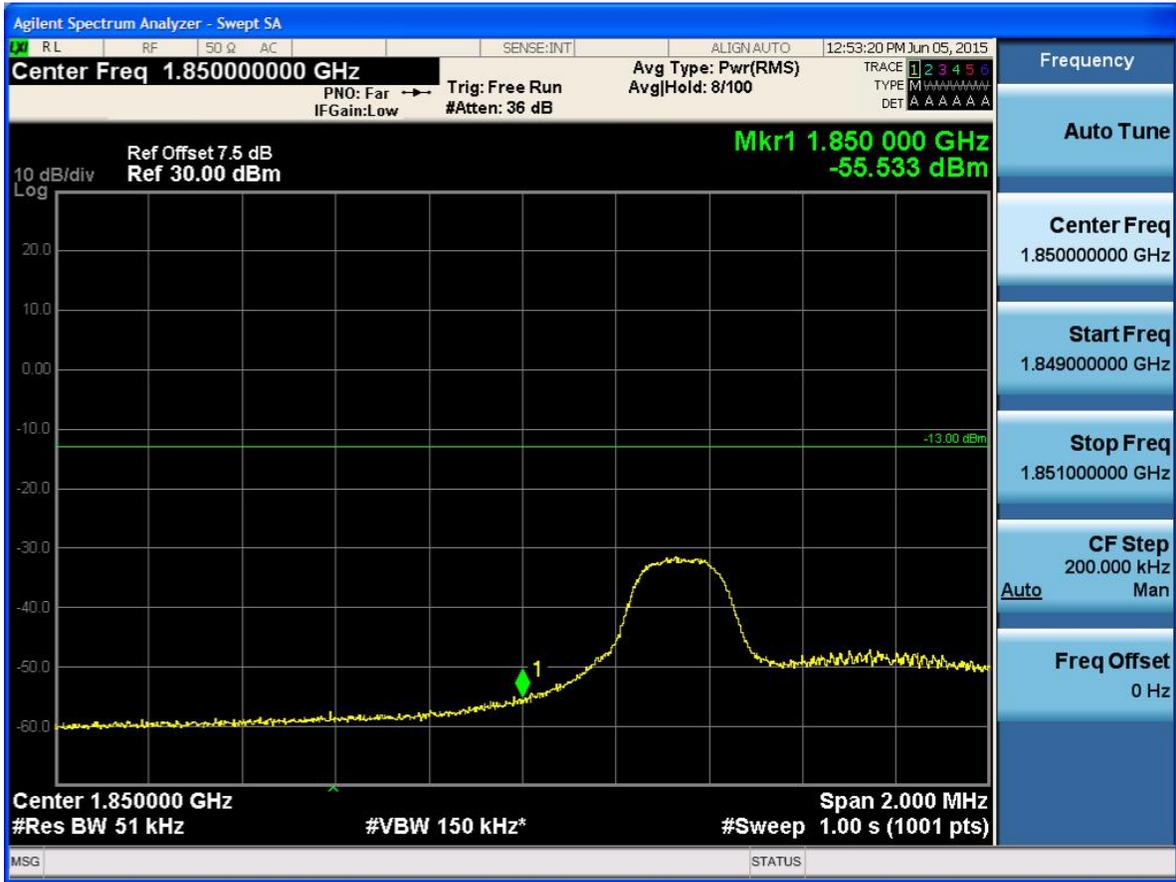
5.1.1.1.3.1 Test Channel = LCH

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





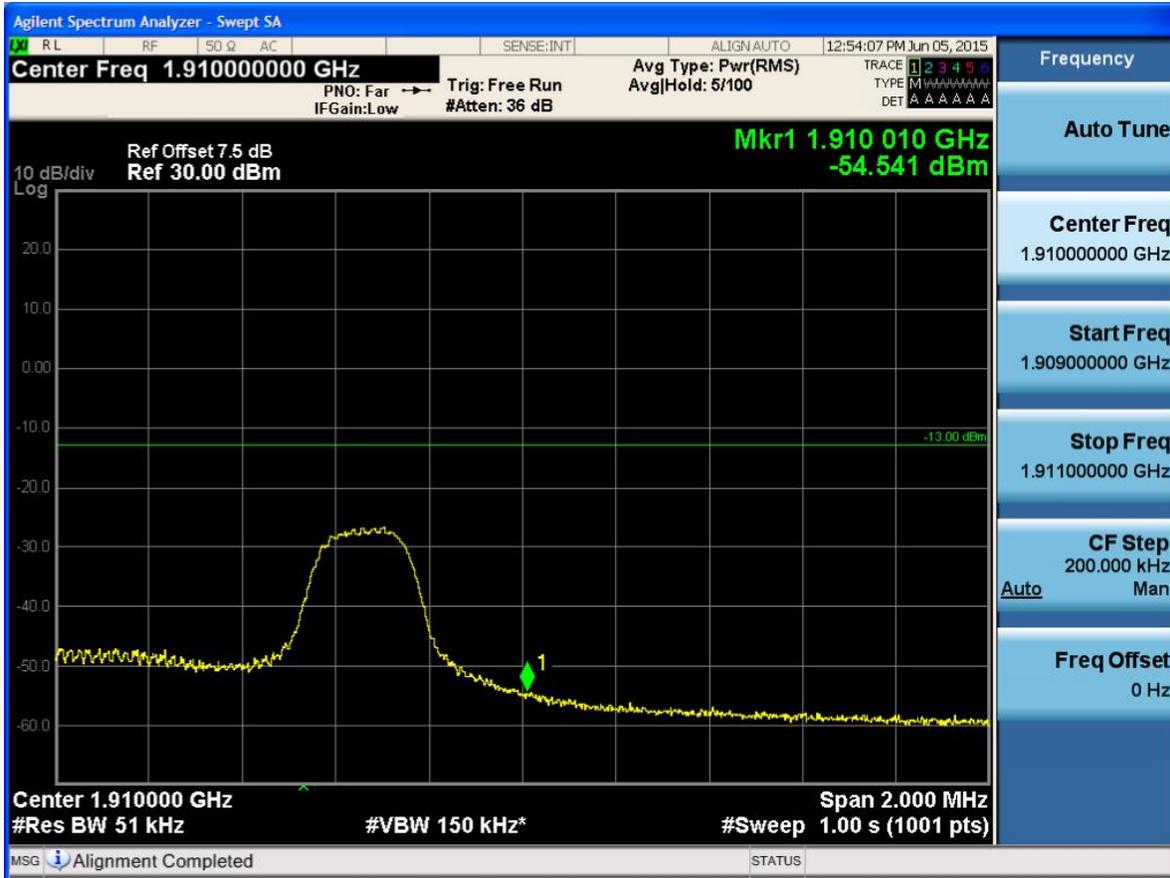
5.1.1.1.3.1.4 Test RB = RB25#0





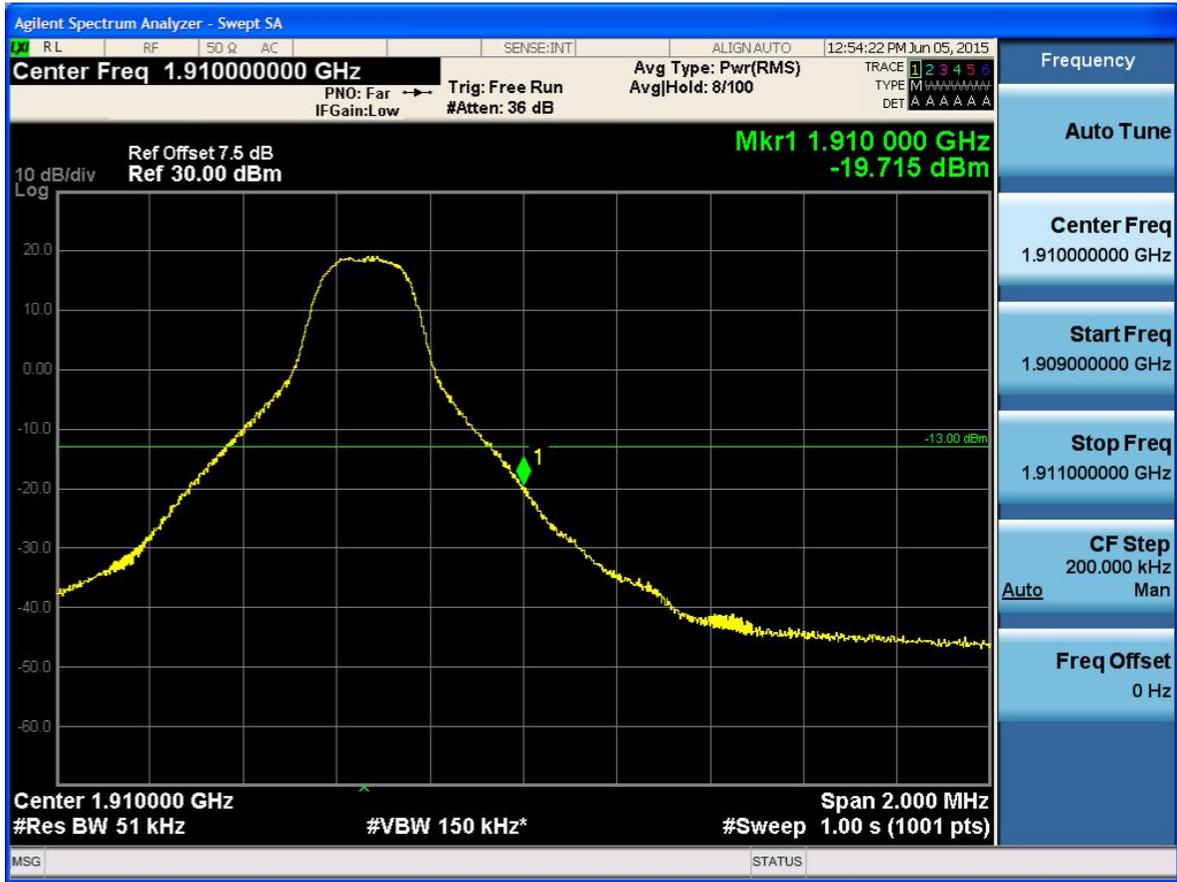
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24



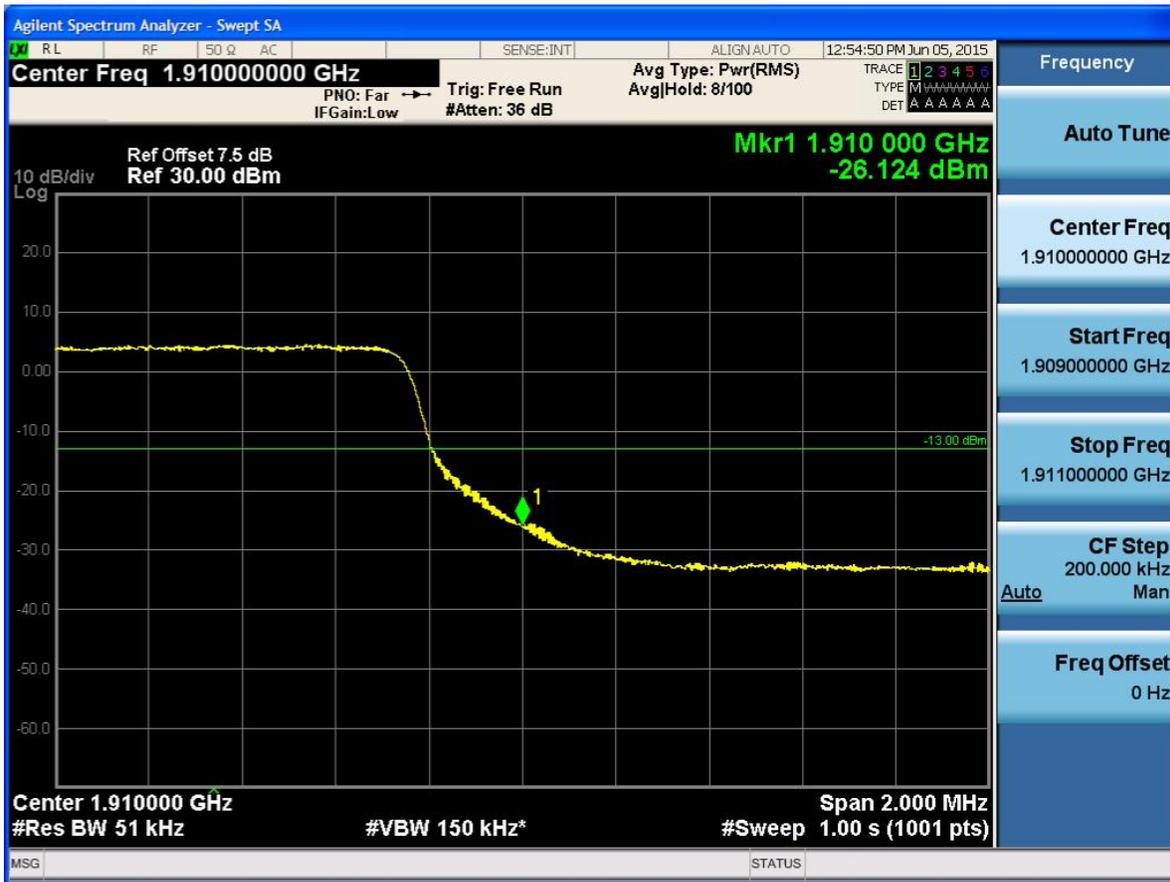


5.1.1.1.3.2.3 Test RB = RB12#6





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

