



# 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	23.08	22.82	33	PASS
				RB1#3	22.82	22.56	33	PASS
				RB1#5	23.08	22.82	33	PASS
				RB3#0	22.96	22.7	33	PASS
				RB3#2	22.82	22.56	33	PASS
				RB3#3	22.94	22.68	33	PASS
				RB6#0	22.06	21.8	33	PASS
			MCH	RB1#0	22.86	22.6	33	PASS
				RB1#3	22.66	22.4	33	PASS
				RB1#5	22.87	22.61	33	PASS
				RB3#0	22.76	22.5	33	PASS
				RB3#2	22.65	22.39	33	PASS
				RB3#3	22.77	22.51	33	PASS
				RB6#0	21.7	21.44	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.87	22.61	33	PASS
				RB1#3	22.55	22.29	33	PASS
				RB1#5	22.84	22.58	33	PASS
				RB3#0	22.82	22.56	33	PASS
				RB3#2	22.62	22.36	33	PASS
				RB3#3	22.68	22.42	33	PASS
				RB6#0	21.8	21.54	33	PASS
		3	LCH	RB1#0	23.05	22.79	33	PASS
				RB1#7	21.99	21.73	33	PASS
				RB1#14	22.89	22.63	33	PASS
				RB8#0	21.92	21.66	33	PASS
				RB8#4	21.79	21.53	33	PASS
				RB8#7	21.84	21.58	33	PASS
				RB15#0	21.88	21.62	33	PASS
				MCH	RB1#0	22.88	22.62	33
RB1#7	22.43	22.17	33		PASS			
RB1#14	22.97	22.71	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.9	21.64	33	PASS	
				RB8#4	21.86	21.6	33	PASS	
				RB8#7	21.82	21.56	33	PASS	
				RB15#0	21.82	21.56	33	PASS	
			HCH	RB1#0	22.97	22.71	33	PASS	
				RB1#7	22.35	22.09	33	PASS	
				RB1#14	22.91	22.65	33	PASS	
				RB8#0	21.78	21.52	33	PASS	
				RB8#4	21.87	21.61	33	PASS	
				RB8#7	21.89	21.63	33	PASS	
				RB15#0	21.95	21.69	33	PASS	
				5	LCH	RB1#0	23.02	22.76	33
			RB1#13			23.07	22.81	33	PASS
			RB1#24			23.08	22.82	33	PASS
		RB12#0	21.97			21.71	33	PASS	
		RB12#6	21.9			21.64	33	PASS	
		RB12#13	21.91			21.65	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.86	21.6	33	PASS
			MCH	RB1#0	22.87	22.61	33	PASS
				RB1#13	22.9	22.64	33	PASS
				RB1#24	22.76	22.5	33	PASS
				RB12#0	21.95	21.69	33	PASS
				RB12#6	21.89	21.63	33	PASS
				RB12#13	21.85	21.59	33	PASS
				RB25#0	21.85	21.59	33	PASS
				HCH	RB1#0	22.87	22.61	33
			RB1#13		23.04	22.78	33	PASS
			RB1#24		22.88	22.62	33	PASS
			RB12#0		21.85	21.59	33	PASS
			RB12#6		21.93	21.67	33	PASS
			RB12#13		21.86	21.6	33	PASS
			RB25#0		21.82	21.56	33	PASS
		10	LCH		RB1#0	23	22.74	33
				RB1#25	22.66	22.4	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.85	22.59	33	PASS
				RB25#0	21.97	21.71	33	PASS
				RB25#13	21.95	21.69	33	PASS
				RB25#25	21.95	21.69	33	PASS
				RB50#0	21.95	21.69	33	PASS
			MCH	RB1#0	23.01	22.75	33	PASS
			MCH	RB1#25	22.73	22.47	33	PASS
			MCH	RB1#49	22.89	22.63	33	PASS
			MCH	RB25#0	21.83	21.57	33	PASS
			MCH	RB25#13	21.88	21.62	33	PASS
			MCH	RB25#25	21.82	21.56	33	PASS
			MCH	RB50#0	21.88	21.62	33	PASS
			HCH	RB1#0	22.77	22.51	33	PASS
			HCH	RB1#25	22.52	22.26	33	PASS
			HCH	RB1#49	22.81	22.55	33	PASS
			HCH	RB25#0	21.89	21.63	33	PASS
			HCH	RB25#13	21.92	21.66	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.92	21.66	33	PASS
				RB50#0	21.79	21.53	33	PASS
		15	LCH	RB1#0	23.04	22.78	33	PASS
				RB1#38	22.99	22.73	33	PASS
				RB1#74	22.94	22.68	33	PASS
				RB38#0	21.96	21.7	33	PASS
				RB38#19	21.93	21.67	33	PASS
				RB38#39	21.99	21.73	33	PASS
				RB75#0	21.95	21.69	33	PASS
			MCH	RB1#0	22.77	22.51	33	PASS
				RB1#38	22.85	22.59	33	PASS
				RB1#74	22.88	22.62	33	PASS
				RB38#0	21.86	21.6	33	PASS
				RB38#19	21.88	21.62	33	PASS
				RB38#39	21.84	21.58	33	PASS
HCH	RB75#0	21.92	21.66	33	PASS			
	HCH	RB1#0	22.78	22.52	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	22.82	22.56	33	PASS	
				RB1#74	22.88	22.62	33	PASS	
				RB38#0	21.99	21.73	33	PASS	
				RB38#19	21.82	21.56	33	PASS	
				RB38#39	21.96	21.7	33	PASS	
				RB75#0	21.92	21.66	33	PASS	
		20	LCH	RB1#0	22.96	22.7	33	PASS	
				RB1#50	22.8	22.54	33	PASS	
				RB1#99	22.94	22.68	33	PASS	
				RB50#0	22.02	21.76	33	PASS	
				RB50#25	21.93	21.67	33	PASS	
				RB50#50	21.98	21.72	33	PASS	
				RB100#0	22	21.74	33	PASS	
				MCH	RB1#0	23.03	22.77	33	PASS
					RB1#50	22.57	22.31	33	PASS
					RB1#99	23.05	22.79	33	PASS
RB50#0	21.84	21.58	33		PASS				





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.96	21.7	33	PASS
				RB50#50	21.96	21.7	33	PASS
				RB100#0	22	21.74	33	PASS
			HCH	RB1#0	23.01	22.75	33	PASS
				RB1#50	22.72	22.46	33	PASS
				RB1#99	22.94	22.68	33	PASS
				RB50#0	21.94	21.68	33	PASS
				RB50#25	21.88	21.62	33	PASS
				RB50#50	21.84	21.58	33	PASS
				RB100#0	21.96	21.7	33	PASS
				LCH	RB1#0	22.19	21.93	33
			RB1#3		21.84	21.58	33	PASS
			RB1#5		22.19	21.93	33	PASS
			RB3#0		22.12	21.86	33	PASS
			RB3#2		21.92	21.66	33	PASS
RB3#3	22.2	21.94	33		PASS			
RB6#0	21.09	20.83	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.89	21.63	33	PASS
				RB1#3	21.65	21.39	33	PASS
				RB1#5	21.91	21.65	33	PASS
				RB3#0	21.75	21.49	33	PASS
				RB3#2	21.8	21.54	33	PASS
				RB3#3	21.9	21.64	33	PASS
				RB6#0	20.93	20.67	33	PASS
			HCH	RB1#0	22.23	21.97	33	PASS
				RB1#3	22.1	21.84	33	PASS
				RB1#5	22.36	22.1	33	PASS
				RB3#0	22.05	21.79	33	PASS
				RB3#2	22.04	21.78	33	PASS
				RB3#3	21.98	21.72	33	PASS
				RB6#0	20.68	20.42	33	PASS
		3	LCH	RB1#0	22.13	21.87	33	PASS
RB1#7	21.54			21.28	33	PASS		
RB1#14	21.93			21.67	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.84	20.58	33	PASS
				RB8#4	20.79	20.53	33	PASS
				RB8#7	20.84	20.58	33	PASS
				RB15#0	20.83	20.57	33	PASS
			MCH	RB1#0	21.96	21.7	33	PASS
				RB1#7	21.21	20.95	33	PASS
				RB1#14	21.86	21.6	33	PASS
				RB8#0	20.74	20.48	33	PASS
				RB8#4	20.7	20.44	33	PASS
				RB8#7	20.75	20.49	33	PASS
				RB15#0	20.85	20.59	33	PASS
				HCH	RB1#0	22.23	21.97	33
			RB1#7		21.79	21.53	33	PASS
			RB1#14		22.23	21.97	33	PASS
			RB8#0		20.9	20.64	33	PASS
			RB8#4		20.92	20.66	33	PASS
			RB8#7		20.71	20.45	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.84	20.58	33	PASS
		5	LCH	RB1#0	22.07	21.81	33	PASS
				RB1#13	22.12	21.86	33	PASS
				RB1#24	22.07	21.81	33	PASS
				RB12#0	20.87	20.61	33	PASS
				RB12#6	20.94	20.68	33	PASS
				RB12#13	20.82	20.56	33	PASS
				RB25#0	20.8	20.54	33	PASS
				MCH	RB1#0	22.17	21.91	33
			RB1#13		22.1	21.84	33	PASS
			RB1#24		22.16	21.9	33	PASS
			RB12#0		20.9	20.64	33	PASS
			RB12#6		20.83	20.57	33	PASS
			RB12#13		20.79	20.53	33	PASS
			RB25#0		20.79	20.53	33	PASS
			HCH	RB1#0	22.09	21.83	33	PASS
				RB1#13	22.23	21.97	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	22.14	21.88	33	PASS	
				RB12#0	20.79	20.53	33	PASS	
				RB12#6	20.94	20.68	33	PASS	
				RB12#13	20.87	20.61	33	PASS	
				RB25#0	20.91	20.65	33	PASS	
		10	LCH	RB1#0	21.95	21.69	33	PASS	
				RB1#25	21.75	21.49	33	PASS	
				RB1#49	21.91	21.65	33	PASS	
				RB25#0	20.88	20.62	33	PASS	
				RB25#13	20.89	20.63	33	PASS	
				RB25#25	20.76	20.5	33	PASS	
				RB50#0	20.87	20.61	33	PASS	
				MCH	RB1#0	22.04	21.78	33	PASS
					RB1#25	21.81	21.55	33	PASS
					RB1#49	22.12	21.86	33	PASS
RB25#0	20.88	20.62	33		PASS				
RB25#13	20.88	20.62	33		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.82	20.56	33	PASS
				RB50#0	20.85	20.59	33	PASS
			HCH	RB1#0	21.96	21.7	33	PASS
				RB1#25	21.35	21.09	33	PASS
				RB1#49	21.9	21.64	33	PASS
				RB25#0	20.84	20.58	33	PASS
				RB25#13	20.76	20.5	33	PASS
				RB25#25	20.89	20.63	33	PASS
				RB50#0	20.75	20.49	33	PASS
				15	LCH	RB1#0	21.93	21.67
		RB1#38	21.85			21.59	33	PASS
		RB1#74	21.92			21.66	33	PASS
		RB38#0	20.96			20.7	33	PASS
		RB38#19	20.9			20.64	33	PASS
		RB38#39	20.95			20.69	33	PASS
RB75#0	20.91	20.65	33			PASS		
	MCH	RB1#0	22.05	21.79	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.15	21.89	33	PASS
				RB1#74	22.05	21.79	33	PASS
				RB38#0	20.8	20.54	33	PASS
				RB38#19	20.83	20.57	33	PASS
				RB38#39	20.89	20.63	33	PASS
				RB75#0	20.87	20.61	33	PASS
			HCH	RB1#0	21.89	21.63	33	PASS
				RB1#38	21.99	21.73	33	PASS
				RB1#74	22.06	21.8	33	PASS
				RB38#0	20.83	20.57	33	PASS
				RB38#19	20.85	20.59	33	PASS
				RB38#39	20.84	20.58	33	PASS
		20	LCH	RB1#0	22.35	22.09	33	PASS
				RB1#50	22.12	21.86	33	PASS
				RB1#99	22.3	22.04	33	PASS
				RB50#0	20.95	20.69	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.88	20.62	33	PASS
				RB50#50	20.95	20.69	33	PASS
				RB100#0	20.94	20.68	33	PASS
			MCH	RB1#0	22.19	21.93	33	PASS
				RB1#50	21.55	21.29	33	PASS
				RB1#99	22.23	21.97	33	PASS
				RB50#0	20.79	20.53	33	PASS
				RB50#25	20.8	20.54	33	PASS
				RB50#50	20.78	20.52	33	PASS
				RB100#0	20.86	20.6	33	PASS
			HCH	RB1#0	22.35	22.09	33	PASS
				RB1#50	21.78	21.52	33	PASS
				RB1#99	22.28	22.02	33	PASS
				RB50#0	20.86	20.6	33	PASS
				RB50#25	20.86	20.6	33	PASS
				RB50#50	20.73	20.47	33	PASS
				RB100#0	20.89	20.63	33	PASS





Note1:

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

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

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

b, SGP = Signal Generator Level

Note2:

$$\text{SET Span} = 1.5 * \text{OBW}$$

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

$$\text{SET VBW} \geq 3 * \text{RBW}$$

SET Sweep time = auto - couple.

Detector: RMS



## 2Appendix\_B: Peak-to-Average Ratio

### Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB1#0	4.68	13	PASS
				RB1#3	4.92	13	PASS
				RB1#5	4.81	13	PASS
				RB3#0	5.27	13	PASS
				RB3#2	5.28	13	PASS
				RB3#3	5.33	13	PASS
				RB6#0	6.11	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#3	4.96	13	PASS
				RB1#5	4.89	13	PASS
				RB3#0	5.48	13	PASS
				RB3#2	5.52	13	PASS
				RB3#3	5.47	13	PASS
				RB6#0	5.95	13	PASS
		HCH	RB1#0	4.31	13	PASS	
			RB1#3	4.19	13	PASS	
			RB1#5	3.99	13	PASS	
			RB3#0	5.02	13	PASS	
			RB3#2	4.84	13	PASS	
			RB3#3	4.75	13	PASS	
			RB6#0	6.03	13	PASS	
		3	LCH	RB1#0	5	13	PASS
				RB1#7	5.18	13	PASS
				RB1#14	4.92	13	PASS
				RB8#0	5.52	13	PASS
				RB8#4	5.57	13	PASS
				RB8#7	5.64	13	PASS
				RB15#0	5.76	13	PASS
MCH	RB1#0		4.84	13	PASS		
	RB1#7		5.01	13	PASS		
	RB1#14		4.88	13	PASS		
	RB8#0		5.96	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	5.99	13	PASS	
				RB8#7	6.06	13	PASS	
				RB15#0	6.2	13	PASS	
			HCH	RB1#0	4.93	13	PASS	
				RB1#7	4.86	13	PASS	
				RB1#14	4.18	13	PASS	
				RB8#0	5.85	13	PASS	
				RB8#4	5.89	13	PASS	
				RB8#7	5.88	13	PASS	
			RB15#0	5.83	13	PASS		
			5	LCH	RB1#0	4.89	13	PASS
					RB1#13	4.83	13	PASS
					RB1#24	4.87	13	PASS
					RB12#0	5.66	13	PASS
					RB12#6	5.64	13	PASS
		RB12#13			5.71	13	PASS	
		RB25#0		5.93	13	PASS		
		MCH		RB1#0	4.98	13	PASS	
				RB1#13	5.07	13	PASS	
				RB1#24	5.07	13	PASS	
				RB12#0	5.87	13	PASS	
				RB12#6	5.92	13	PASS	
				RB12#13	5.9	13	PASS	
		RB25#0		6.29	13	PASS		
		HCH		RB1#0	5.04	13	PASS	
			RB1#13	4.66	13	PASS		
			RB1#24	4.26	13	PASS		
			RB12#0	5.69	13	PASS		
			RB12#6	5.65	13	PASS		
			RB12#13	5.67	13	PASS		
RB25#0	5.91	13	PASS					
10	LCH	RB1#0	4.62	13	PASS			
		RB1#25	4.83	13	PASS			
		RB1#49	4.91	13	PASS			
		RB25#0	5.8	13	PASS			
		RB25#13	5.7	13	PASS			
		RB25#25	5.84	13	PASS			
	RB50#0	6.05	13	PASS				
MCH	RB1#0	4.79	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.83	13	PASS
				RB1#49	4.98	13	PASS
				RB25#0	6.29	13	PASS
				RB25#13	6.24	13	PASS
				RB25#25	6.34	13	PASS
				RB50#0	6.35	13	PASS
			HCH	RB1#0	4.83	13	PASS
				RB1#25	4.99	13	PASS
				RB1#49	4.37	13	PASS
				RB25#0	5.86	13	PASS
				RB25#13	5.69	13	PASS
				RB25#25	5.81	13	PASS
		15	LCH	RB1#0	4.64	13	PASS
				RB1#38	4.7	13	PASS
				RB1#74	4.88	13	PASS
				RB38#0	5.85	13	PASS
				RB38#19	5.79	13	PASS
				RB38#39	5.95	13	PASS
			MCH	RB75#0	6.15	13	PASS
				RB1#0	4.96	13	PASS
				RB1#38	4.8	13	PASS
				RB1#74	5.05	13	PASS
				RB38#0	6.23	13	PASS
				RB38#19	6.23	13	PASS
		HCH	RB38#39	6.21	13	PASS	
			RB75#0	6.6	13	PASS	
			RB1#0	4.92	13	PASS	
			RB1#38	4.82	13	PASS	
			RB1#74	4.41	13	PASS	
			RB38#0	6.01	13	PASS	
		20	LCH	RB38#19	5.74	13	PASS
				RB38#39	5.81	13	PASS
				RB75#0	6.48	13	PASS
RB1#0	4.81			13	PASS		
RB1#50	4.96			13	PASS		
RB1#99	4.87	13	PASS				
RB50#0	5.88	13	PASS				
RB50#25	5.91	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#50	6.01	13	PASS	
				RB100#0	6.18	13	PASS	
			MCH	RB1#0	4.96	13	PASS	
				RB1#50	5.13	13	PASS	
				RB1#99	4.93	13	PASS	
				RB50#0	6.05	13	PASS	
				RB50#25	6.08	13	PASS	
				RB50#50	6.18	13	PASS	
			RB100#0	6.5	13	PASS		
			HCH	RB1#0	4.86	13	PASS	
				RB1#50	4.89	13	PASS	
				RB1#99	4.42	13	PASS	
				RB50#0	6.06	13	PASS	
				RB50#25	5.99	13	PASS	
	RB50#50	6.13		13	PASS			
	RB100#0	6.35	13	PASS				
		LTE/TM2	1.4	LCH	RB1#0	5.37	13	PASS
					RB1#3	5.84	13	PASS
					RB1#5	5.39	13	PASS
					RB3#0	5.95	13	PASS
					RB3#2	6.17	13	PASS
					RB3#3	6.04	13	PASS
					RB6#0	6.72	13	PASS
				MCH	RB1#0	6.03	13	PASS
					RB1#3	6.05	13	PASS
					RB1#5	6.03	13	PASS
					RB3#0	6.63	13	PASS
					RB3#2	6.74	13	PASS
					RB3#3	6.64	13	PASS
					RB6#0	6.82	13	PASS
HCH			RB1#0	5.18	13	PASS		
			RB1#3	5.01	13	PASS		
	RB1#5	4.91	13	PASS				
	RB3#0	5.98	13	PASS				
	RB3#2	5.87	13	PASS				
	RB3#3	5.68	13	PASS				
	RB6#0	6.56	13	PASS				
3	LCH	RB1#0	5.61	13	PASS			
		RB1#7	5.76	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	5.59	13	PASS
				RB8#0	6.41	13	PASS
				RB8#4	6.36	13	PASS
				RB8#7	6.41	13	PASS
				RB15#0	6.66	13	PASS
			MCH	RB1#0	6.08	13	PASS
				RB1#7	5.99	13	PASS
				RB1#14	6.02	13	PASS
				RB8#0	6.62	13	PASS
				RB8#4	6.64	13	PASS
				RB8#7	6.55	13	PASS
			HCH	RB15#0	6.72	13	PASS
				RB1#0	5.35	13	PASS
				RB1#7	5.31	13	PASS
				RB1#14	4.9	13	PASS
		RB8#0		6.44	13	PASS	
		RB8#4		6.47	13	PASS	
		RB8#7		6.3	13	PASS	
		5	LCH	RB15#0	6.52	13	PASS
				RB1#0	5.59	13	PASS
				RB1#13	5.72	13	PASS
				RB1#24	5.79	13	PASS
				RB12#0	6.55	13	PASS
				RB12#6	6.54	13	PASS
				RB12#13	6.59	13	PASS
			MCH	RB25#0	6.73	13	PASS
				RB1#0	5.63	13	PASS
				RB1#13	5.66	13	PASS
				RB1#24	5.73	13	PASS
				RB12#0	6.77	13	PASS
RB12#6	6.8			13	PASS		
HCH	RB12#13		6.92	13	PASS		
	RB25#0		6.8	13	PASS		
	RB1#0	5.53	13	PASS			
	RB1#13	5.43	13	PASS			
	RB1#24	4.8	13	PASS			
	RB12#0	6.71	13	PASS			
RB12#6	6.61	13	PASS				
RB12#13	6.46	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB25#0	6.78	13	PASS
				RB1#0	5.46	13	PASS
				RB1#25	5.78	13	PASS
				RB1#49	5.86	13	PASS
				RB25#0	6.54	13	PASS
				RB25#13	6.54	13	PASS
				RB25#25	6.56	13	PASS
			RB50#0	6.59	13	PASS	
			MCH	RB1#0	5.87	13	PASS
				RB1#25	5.88	13	PASS
				RB1#49	5.82	13	PASS
				RB25#0	7.08	13	PASS
				RB25#13	7.02	13	PASS
				RB25#25	7.16	13	PASS
				RB50#0	7.47	13	PASS
			HCH	RB1#0	5.48	13	PASS
				RB1#25	5.63	13	PASS
				RB1#49	5.02	13	PASS
				RB25#0	6.9	13	PASS
				RB25#13	7	13	PASS
				RB25#25	7	13	PASS
		RB50#0		7.11	13	PASS	
		15	LCH	RB1#0	5.71	13	PASS
				RB1#38	5.48	13	PASS
				RB1#74	5.75	13	PASS
				RB38#0	6.74	13	PASS
				RB38#19	6.66	13	PASS
				RB38#39	6.76	13	PASS
				RB75#0	6.99	13	PASS
			MCH	RB1#0	6.24	13	PASS
				RB1#38	6.18	13	PASS
				RB1#74	6.11	13	PASS
				RB38#0	7.08	13	PASS
				RB38#19	7.03	13	PASS
				RB38#39	7.14	13	PASS
			HCH	RB75#0	7.38	13	PASS
RB1#0	5.5			13	PASS		
RB1#38	5.48	13		PASS			
			RB1#74	5.13	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#0	6.81	13	PASS	
				RB38#19	6.79	13	PASS	
				RB38#39	6.73	13	PASS	
				RB75#0	7.37	13	PASS	
		20	LCH	RB1#0	5.09	13	PASS	
				RB1#50	5.46	13	PASS	
				RB1#99	5.57	13	PASS	
				RB50#0	6.6	13	PASS	
				RB50#25	6.62	13	PASS	
				RB50#50	6.76	13	PASS	
				RB100#0	7.13	13	PASS	
				MCH	RB1#0	5.97	13	PASS
					RB1#50	6.14	13	PASS
					RB1#99	6.03	13	PASS
					RB50#0	6.89	13	PASS
					RB50#25	6.88	13	PASS
					RB50#50	6.99	13	PASS
				HCH	RB100#0	7.24	13	PASS
			RB1#0		5.61	13	PASS	
			RB1#50		5.89	13	PASS	
			RB1#99		5.25	13	PASS	
			RB50#0		6.96	13	PASS	
			RB50#25		6.93	13	PASS	
			RB50#50		7.04	13	PASS	
		RB100#0	7.06	13	PASS			



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

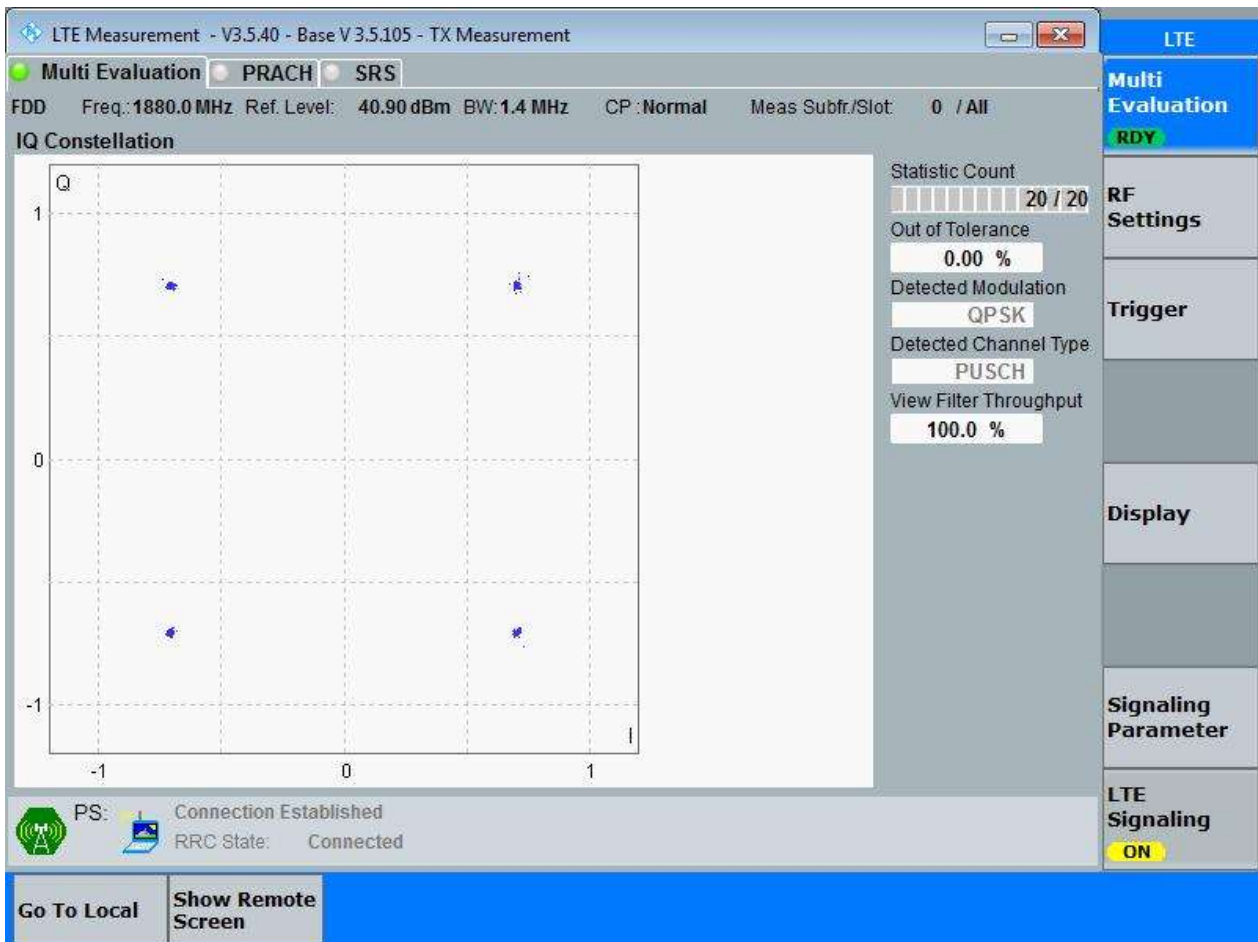
##### 3.1.1 Test Band = BAND2

##### 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

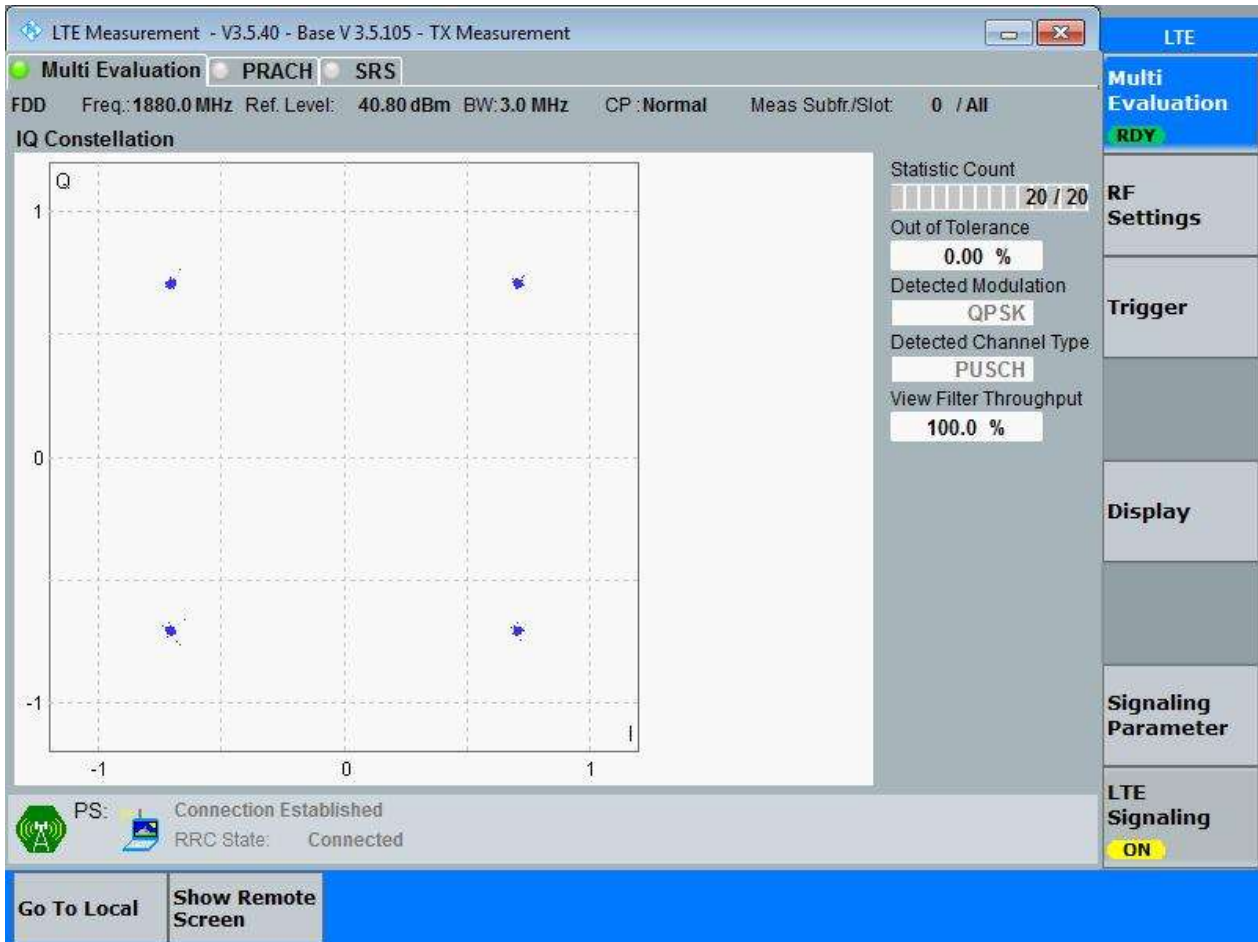
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

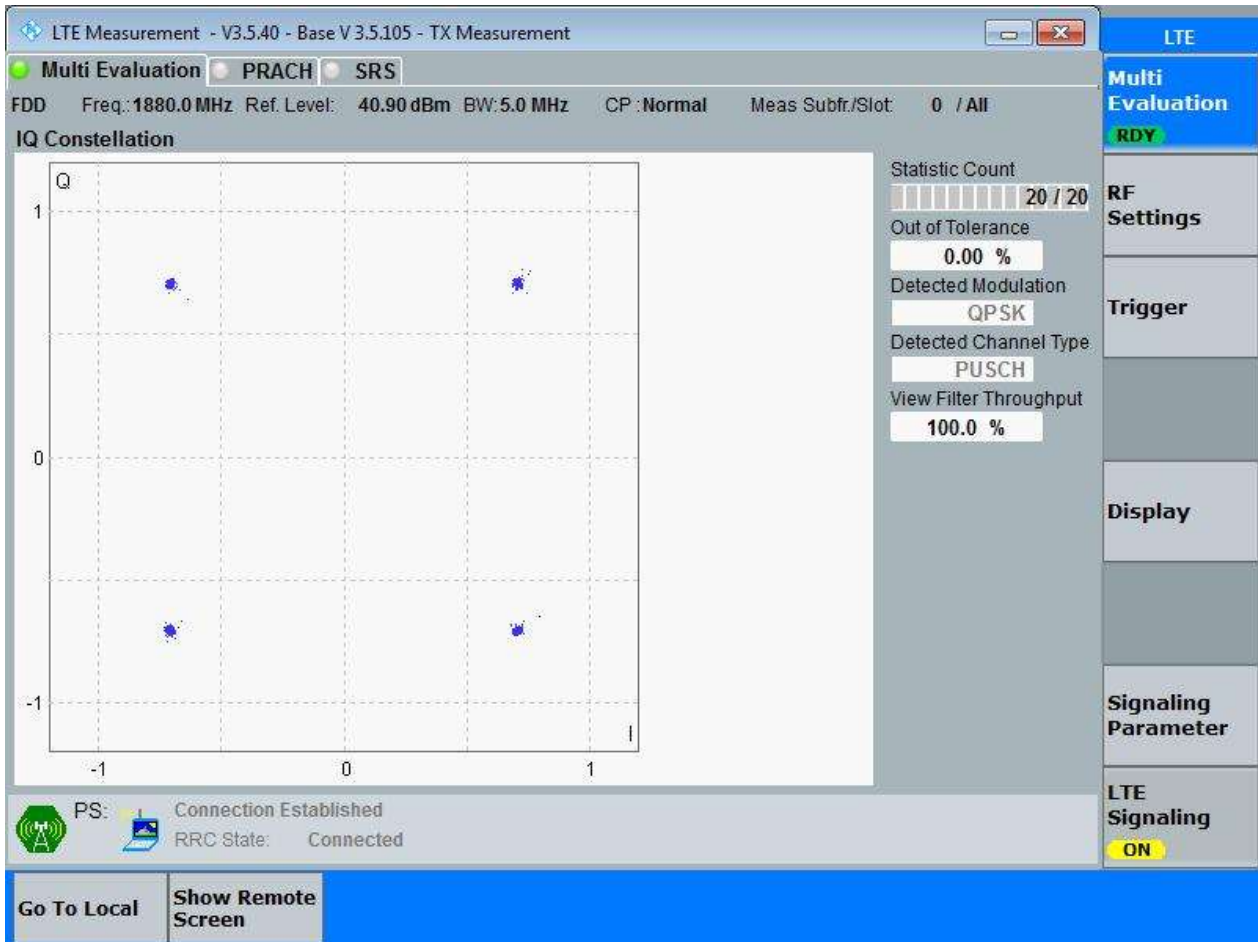
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

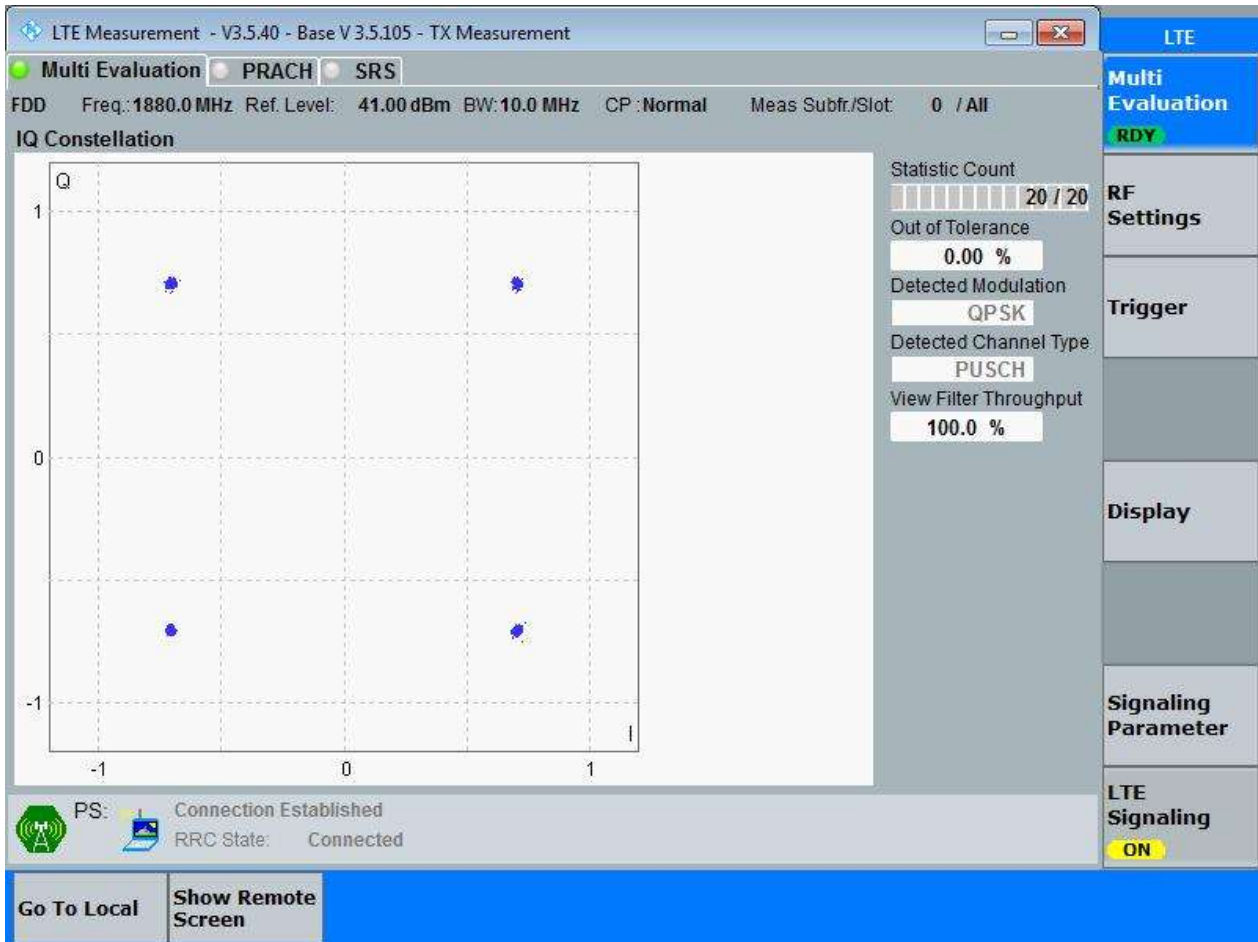
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

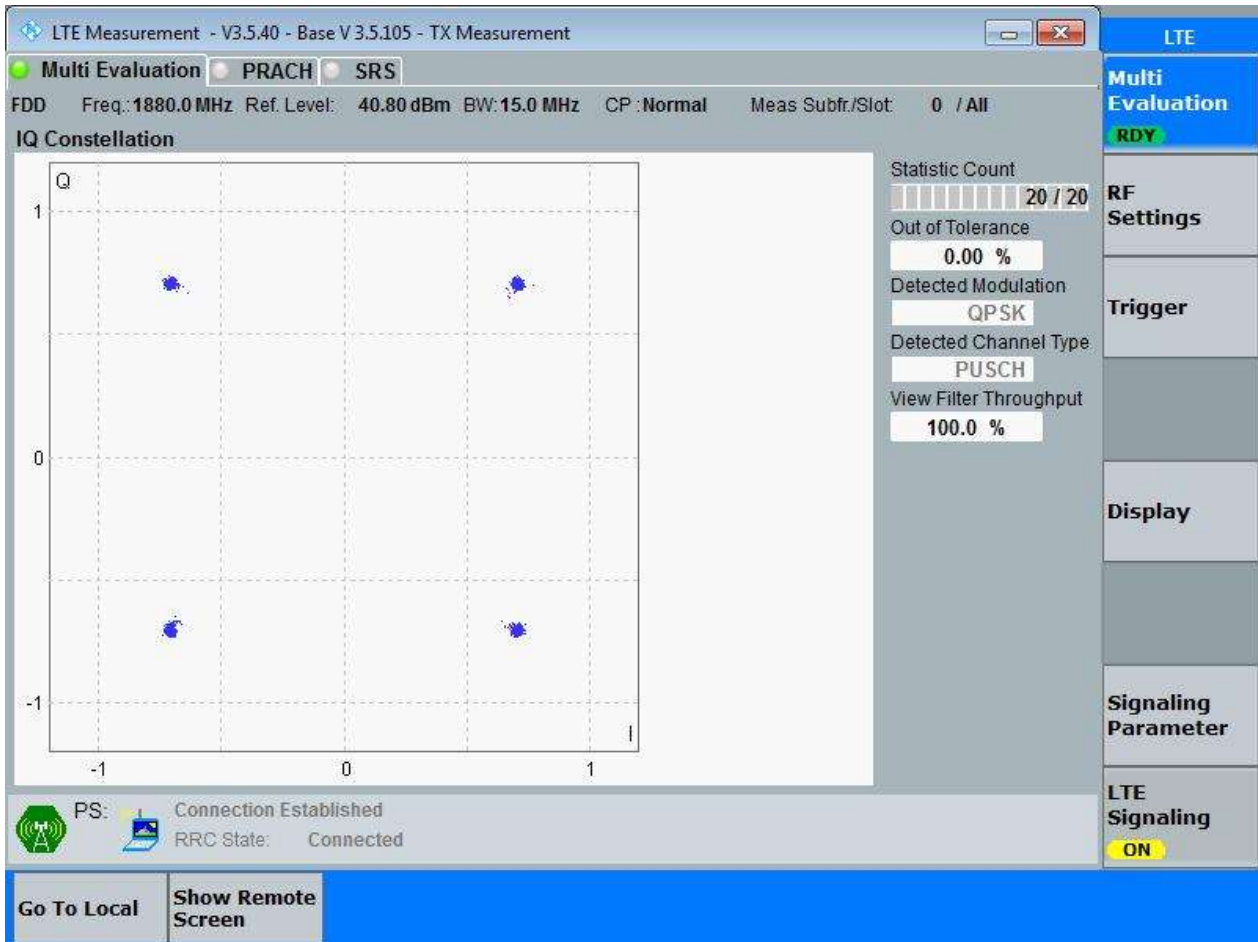
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

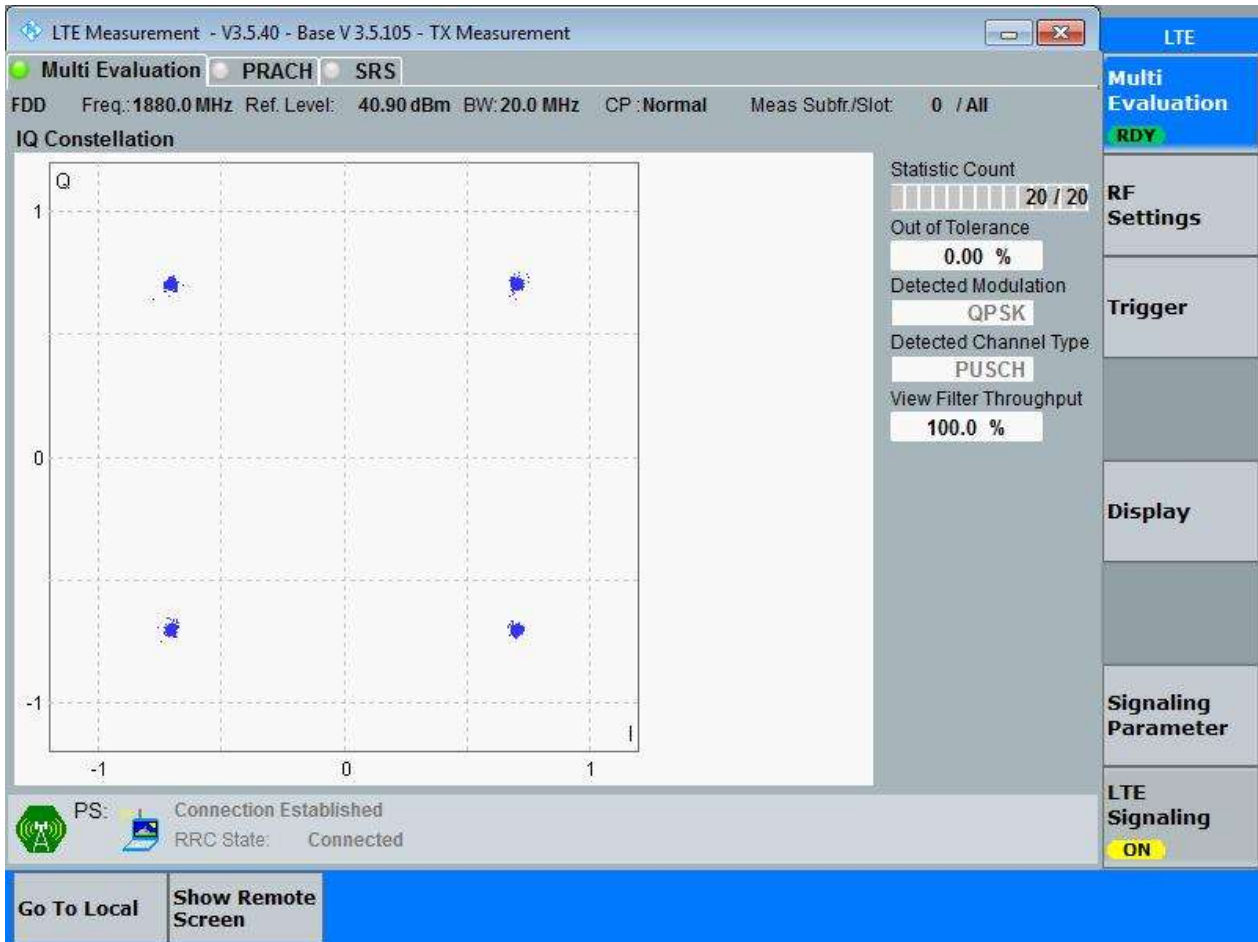
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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



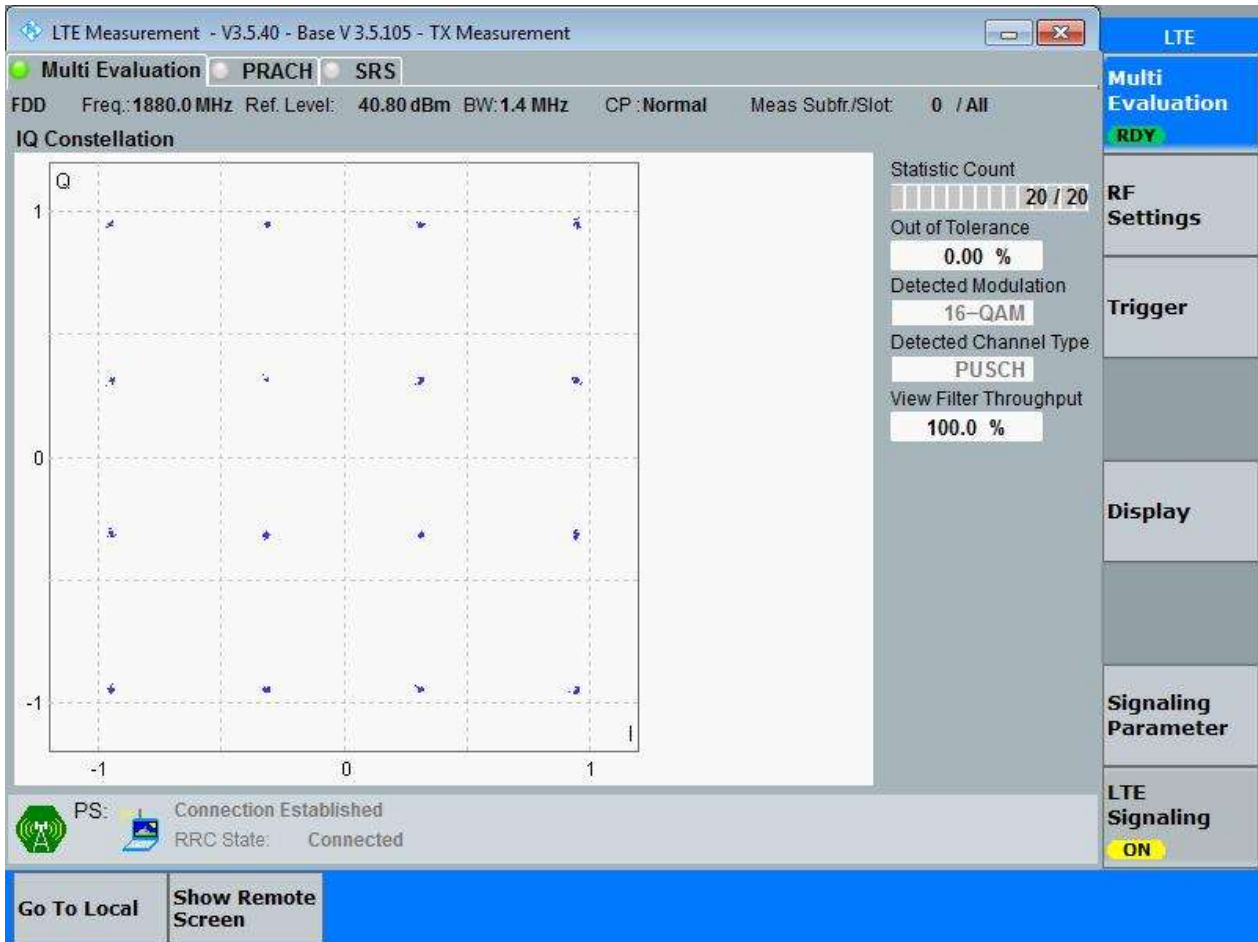


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

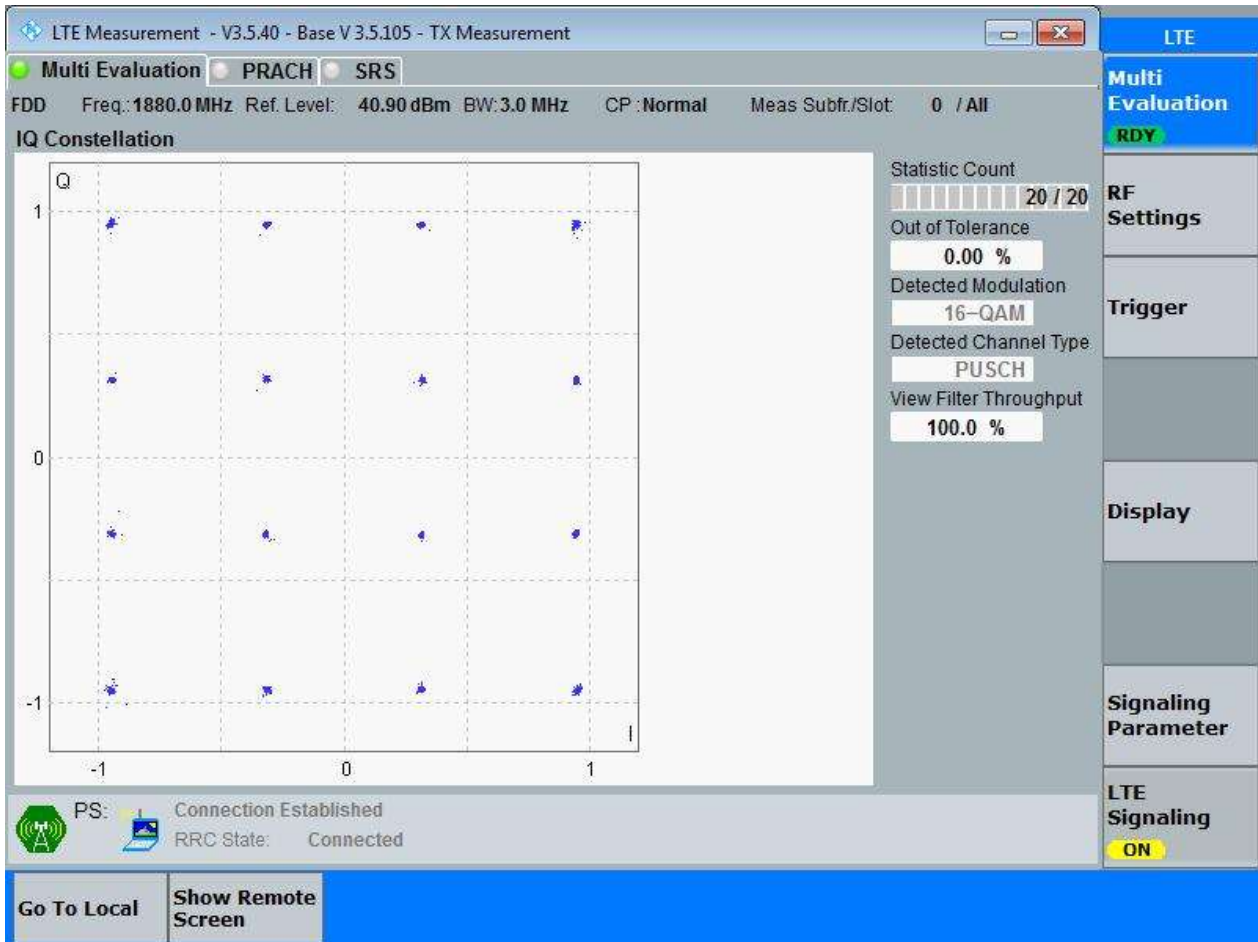
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 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

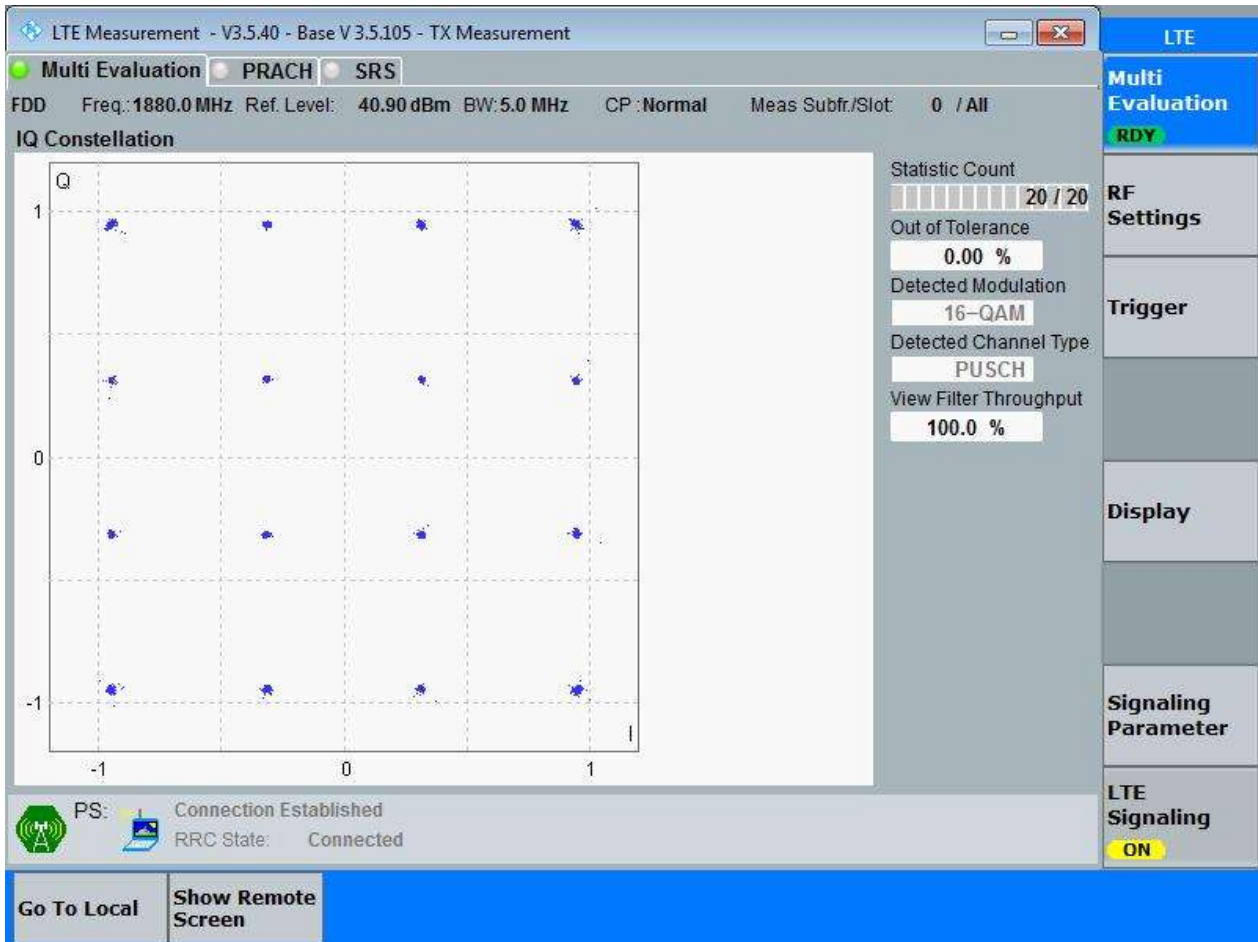




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

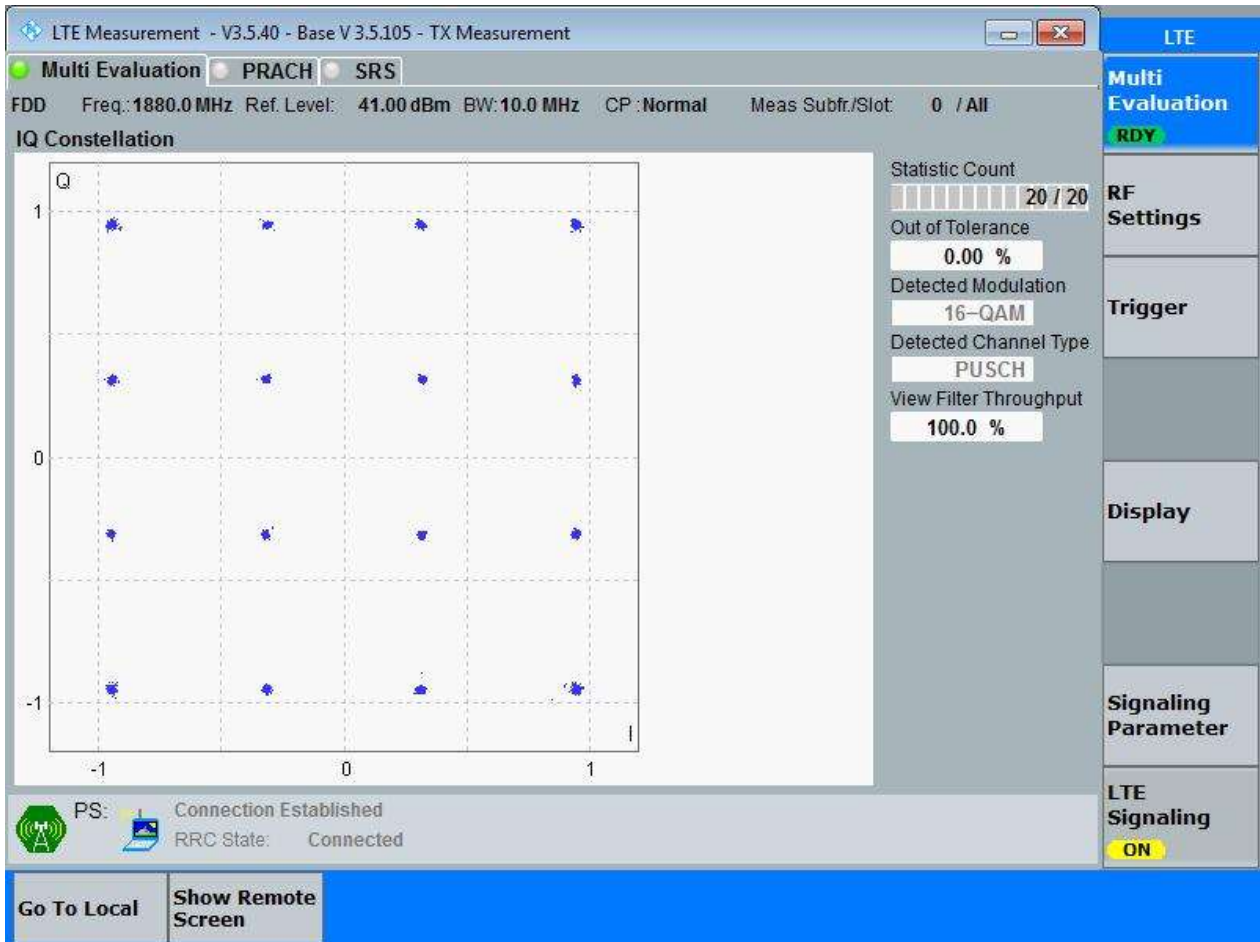
##### 3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

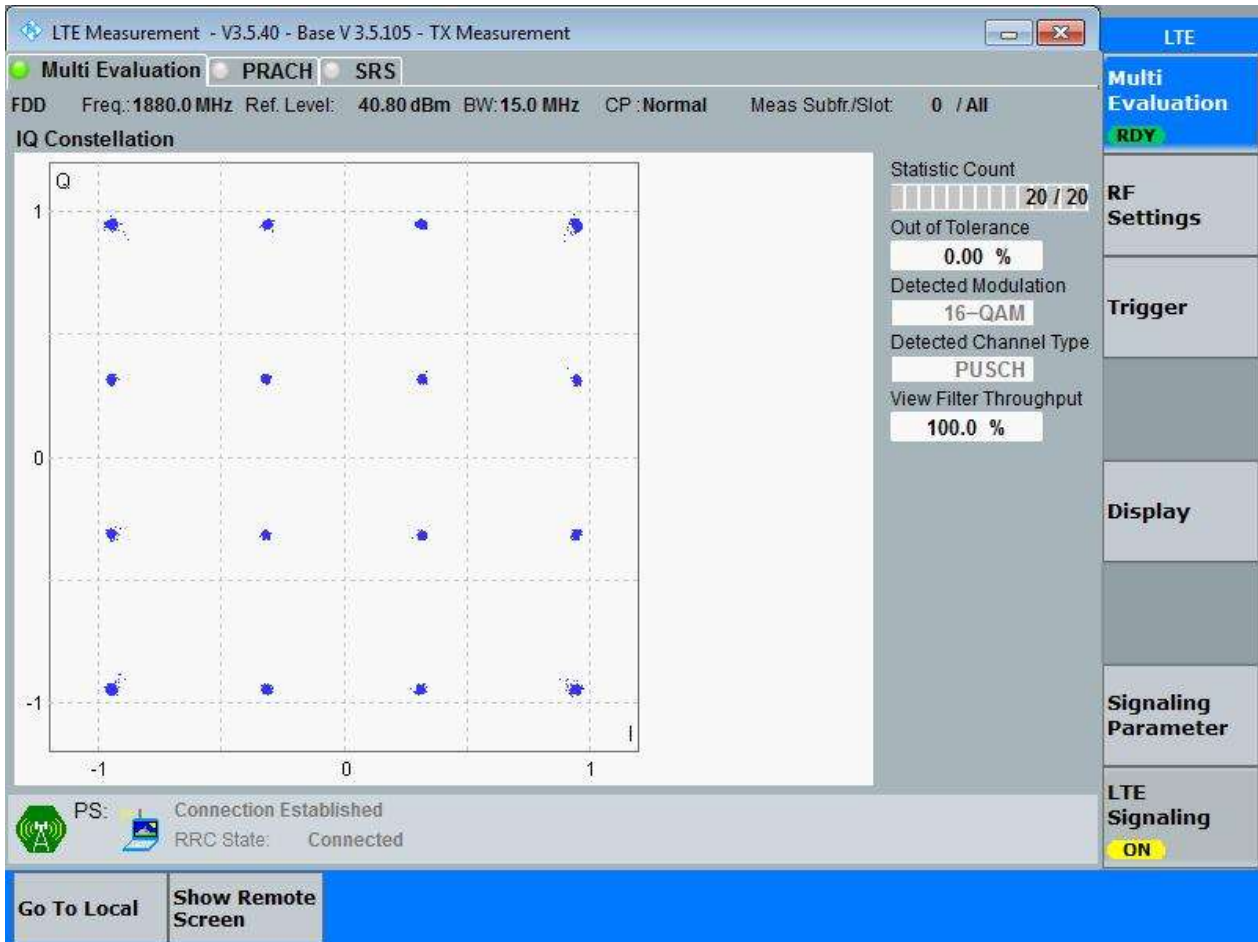
3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

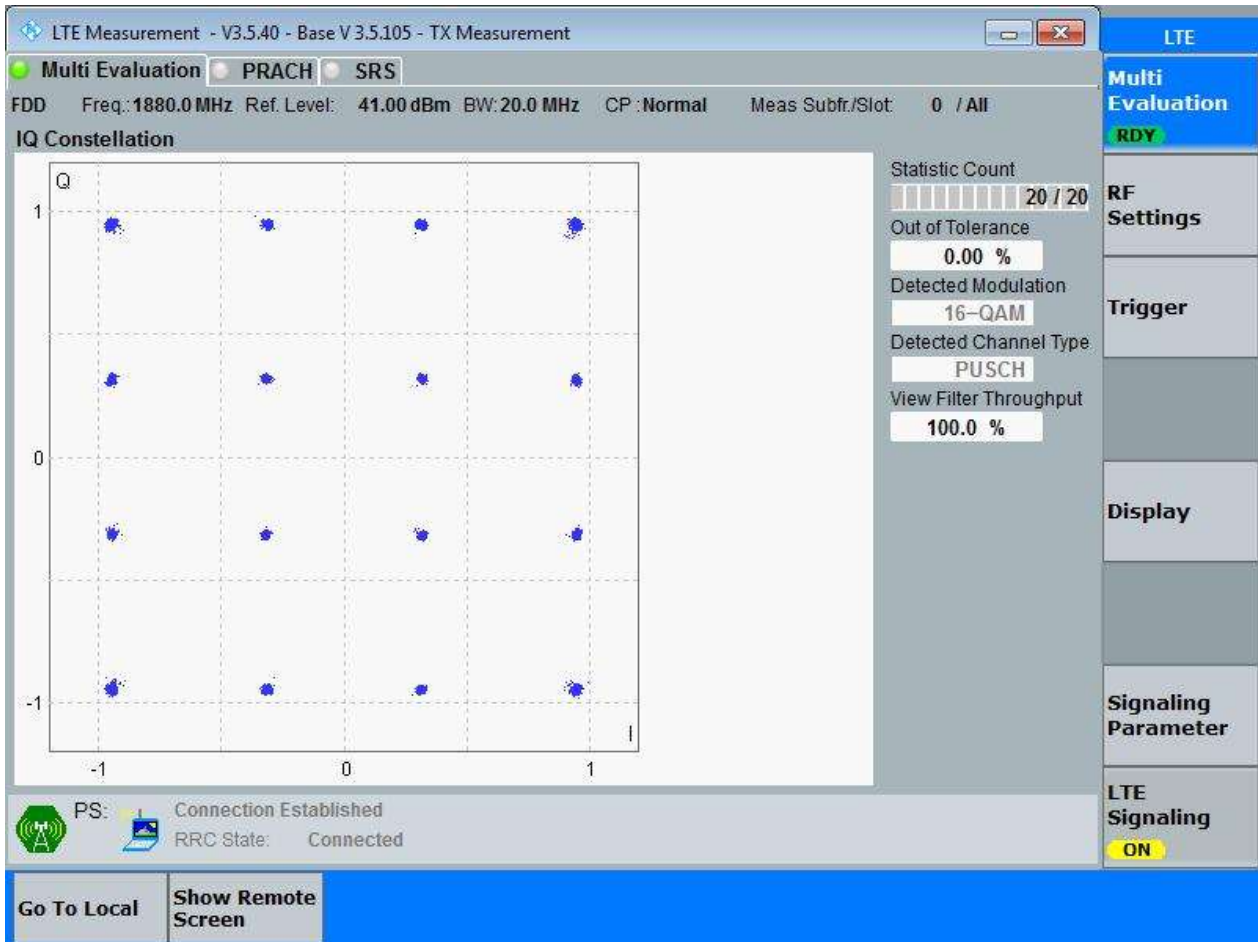
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.72	2.98	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	9.01	9.93	Pass
			MCH	RB50#0	9.00	9.92	Pass
			HCH	RB50#0	9.01	9.91	Pass
		15	LCH	RB75#0	13.50	14.98	Pass
			MCH	RB75#0	13.52	14.99	Pass
			HCH	RB75#0	13.54	14.93	Pass
		20	LCH	RB100#0	18.01	19.78	Pass
			MCH	RB100#0	18.04	19.84	Pass
			HCH	RB100#0	18.06	19.85	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	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.52	4.96	Pass
10		LCH	RB50#0	9.01	9.88	Pass	
		MCH	RB50#0	9.01	9.97	Pass	
		HCH	RB50#0	9.00	9.99	Pass	
15		LCH	RB75#0	13.50	14.99	Pass	
		MCH	RB75#0	13.51	15.01	Pass	
		HCH	RB75#0	13.55	15.05	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	17.97	19.73	Pass
			MCH	RB100#0	18.01	19.76	Pass
			HCH	RB100#0	18.08	19.72	Pass

**Part II - Test Plots**

**4.1 For LTE**

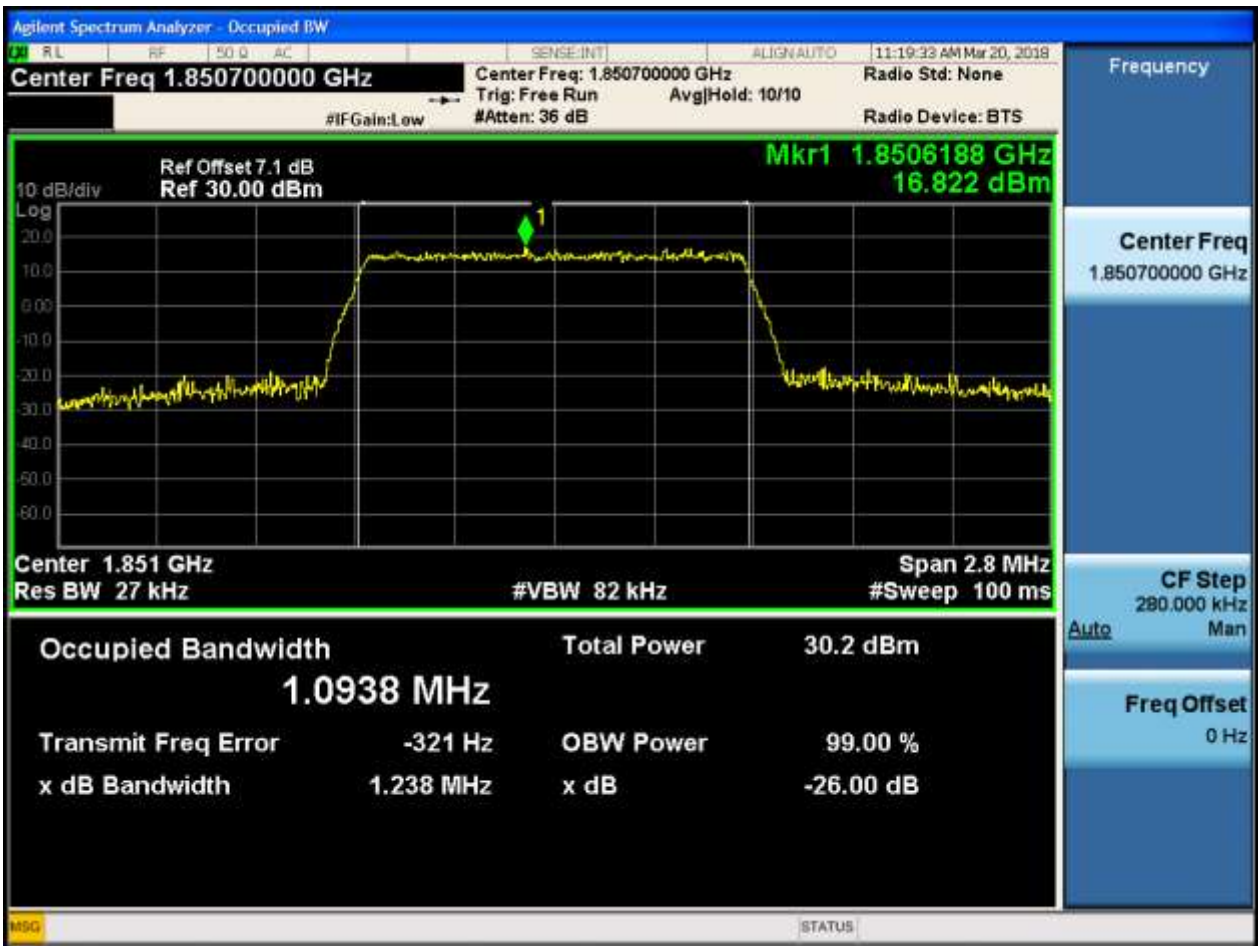
**4.1.1 Test Band = BAND2**

**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

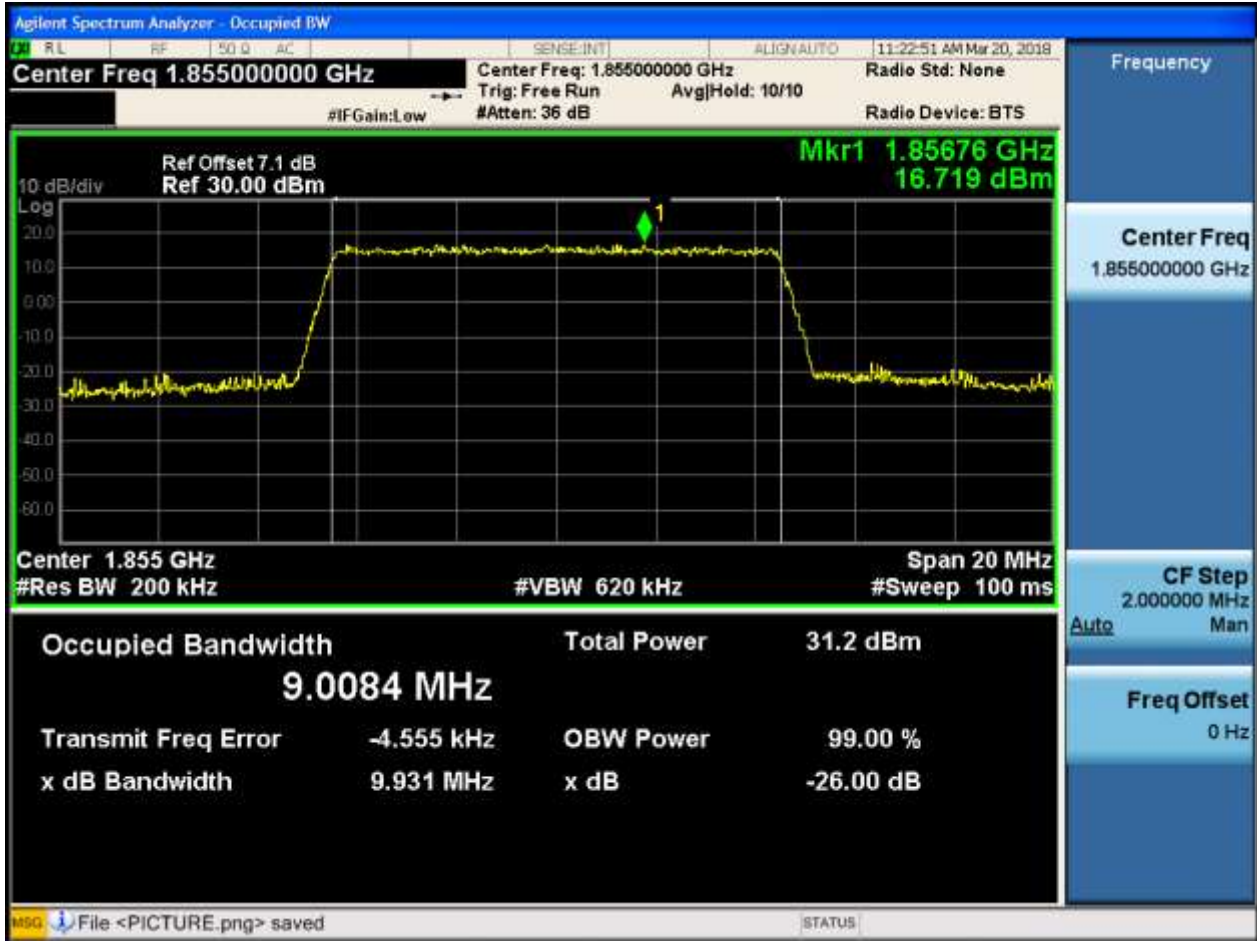




4.1.1.1.4 Test Bandwidth = 10

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

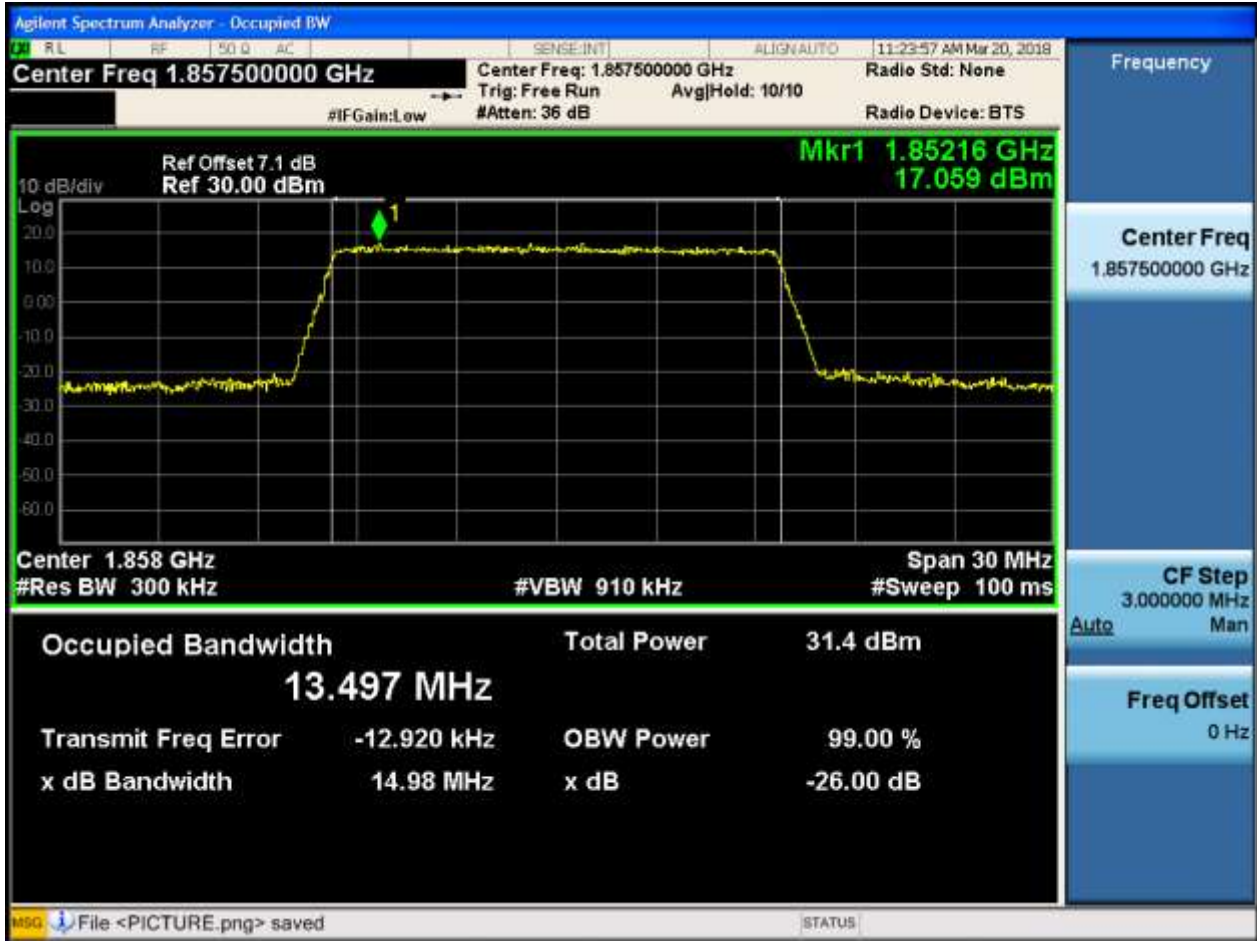




4.1.1.1.5 Test Bandwidth = 15

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

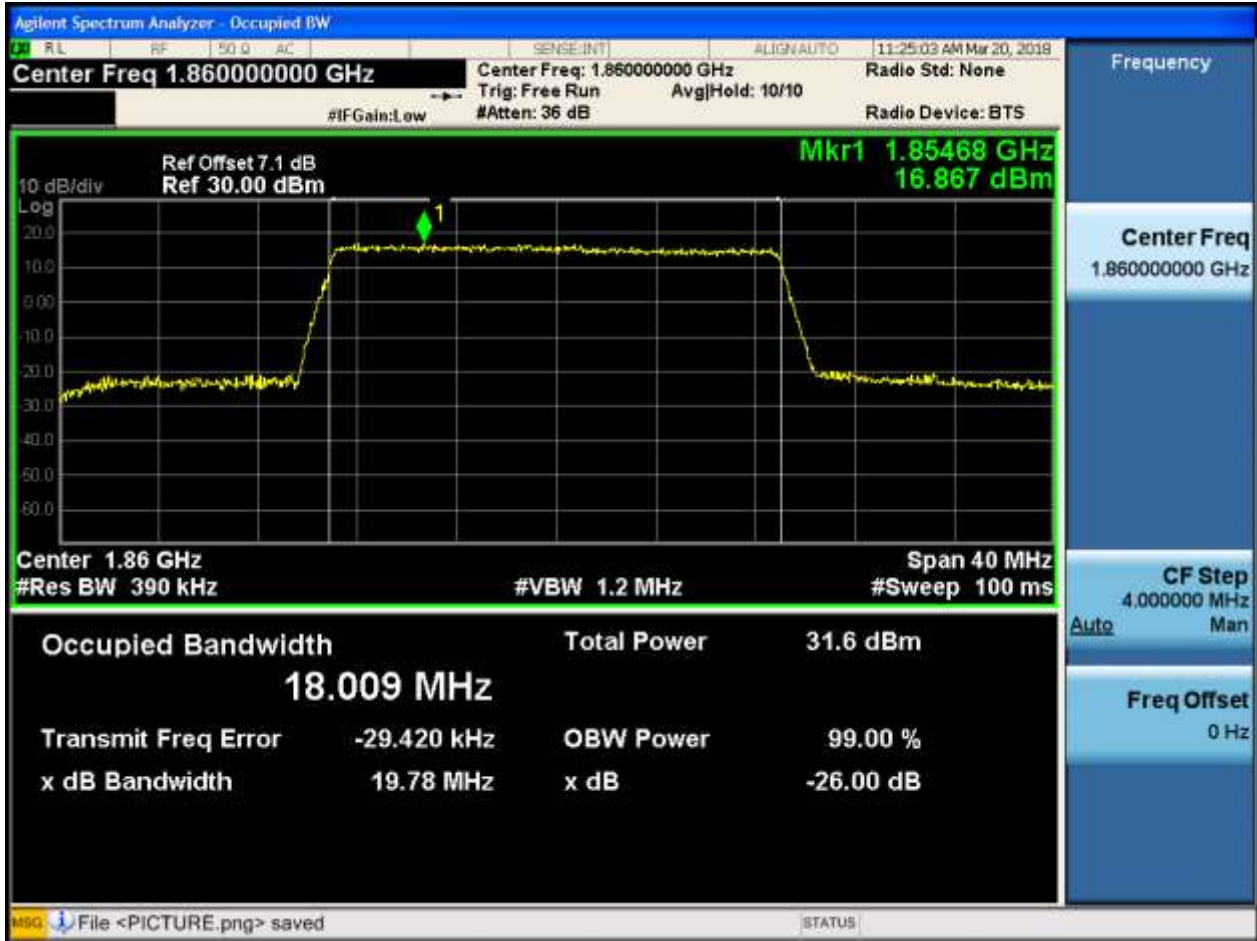
4.1.1.1.5.3.1 Test RB = RB75#0



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

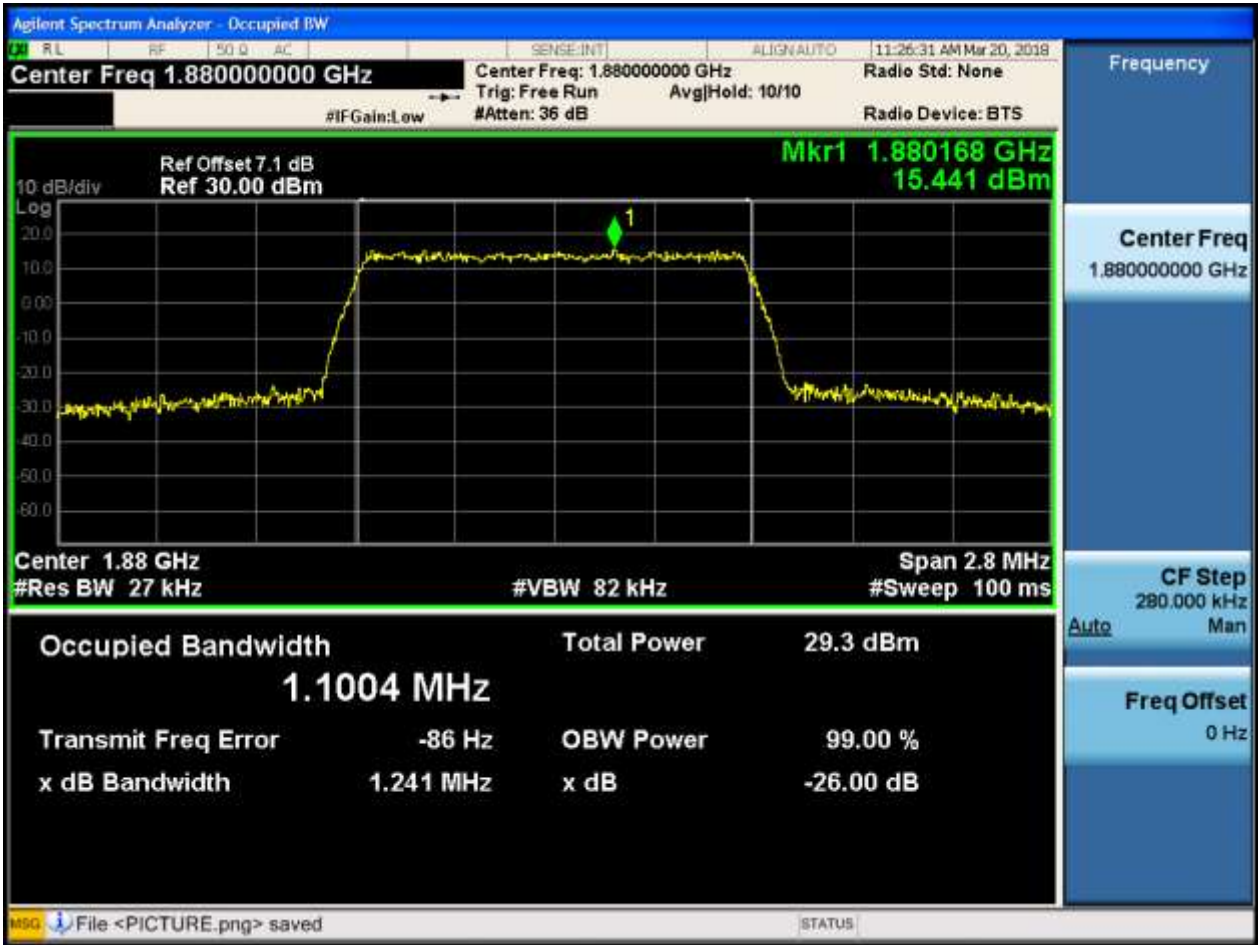
4.1.1.2.1.1 Test Channel = LCH

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

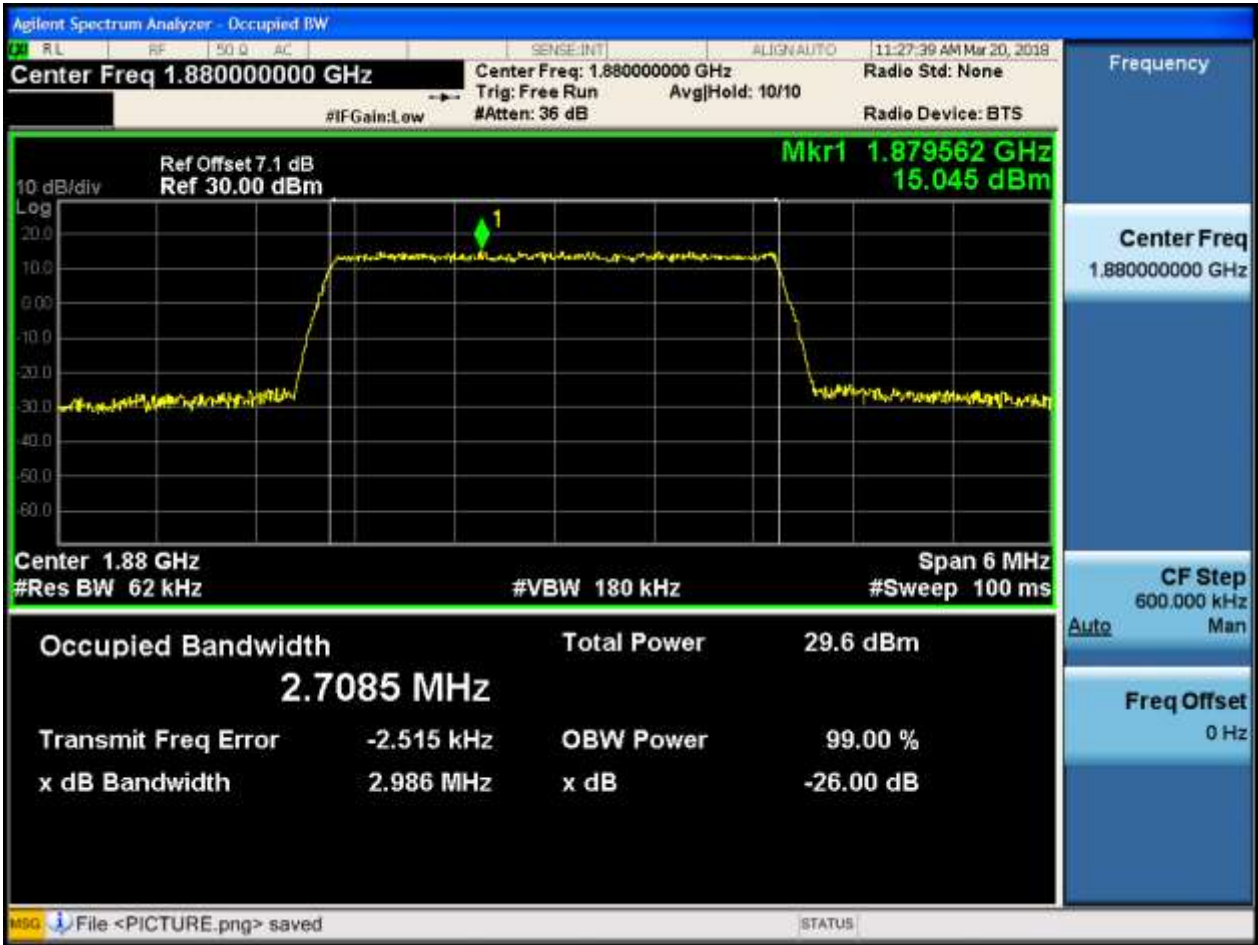
4.1.1.2.2.1.1 Test RB = RB15#0





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

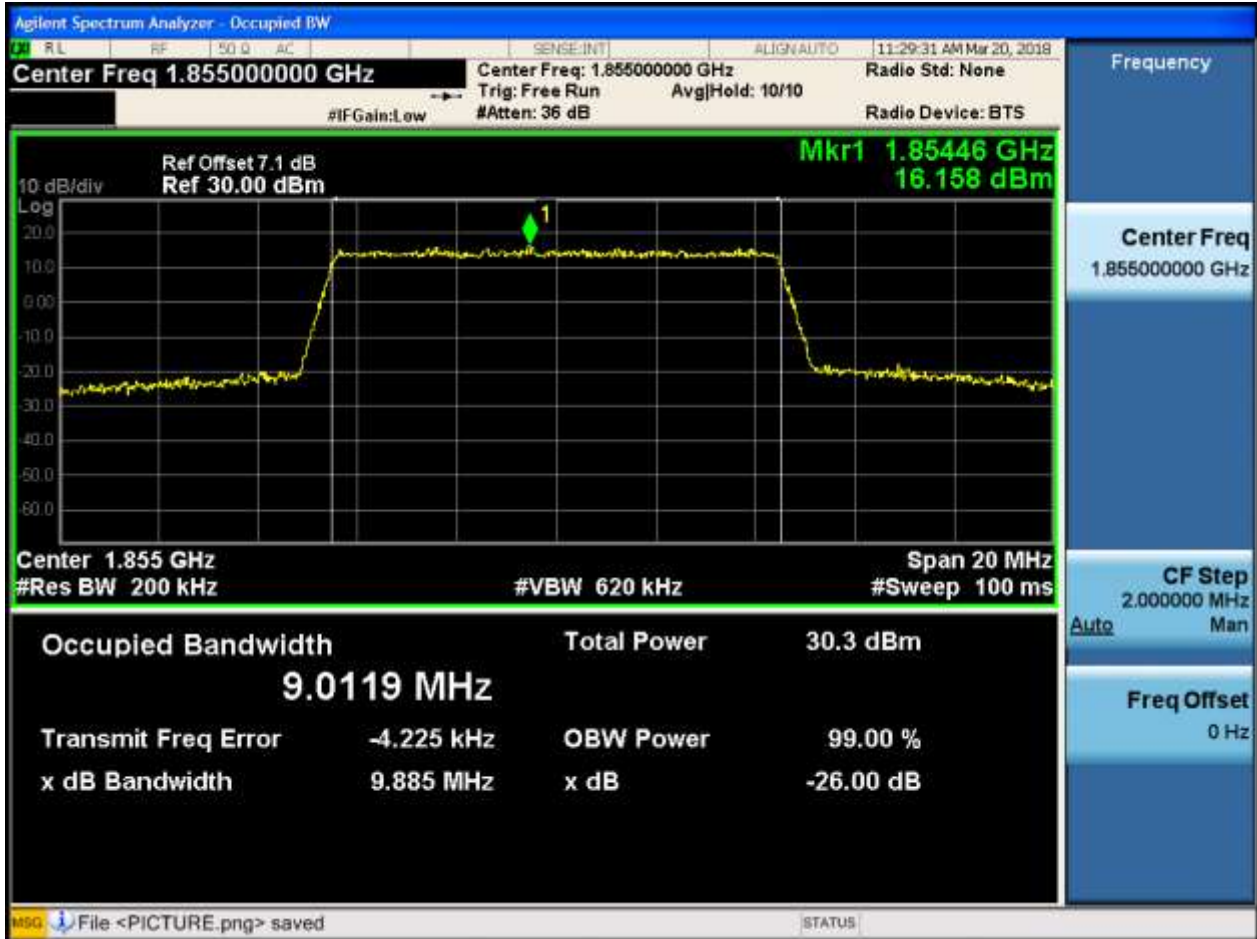
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

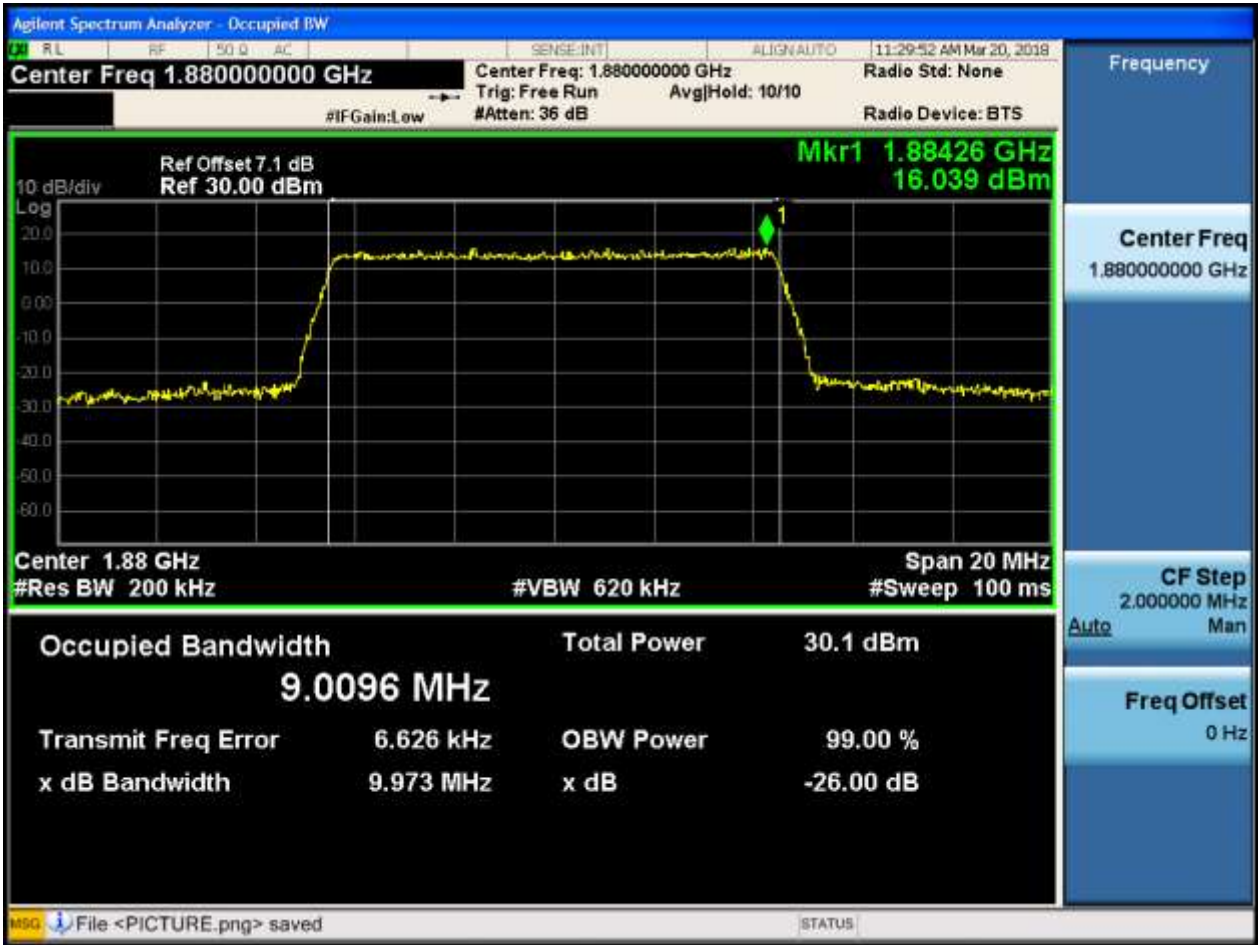
4.1.1.2.4.1 Test Channel = LCH

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

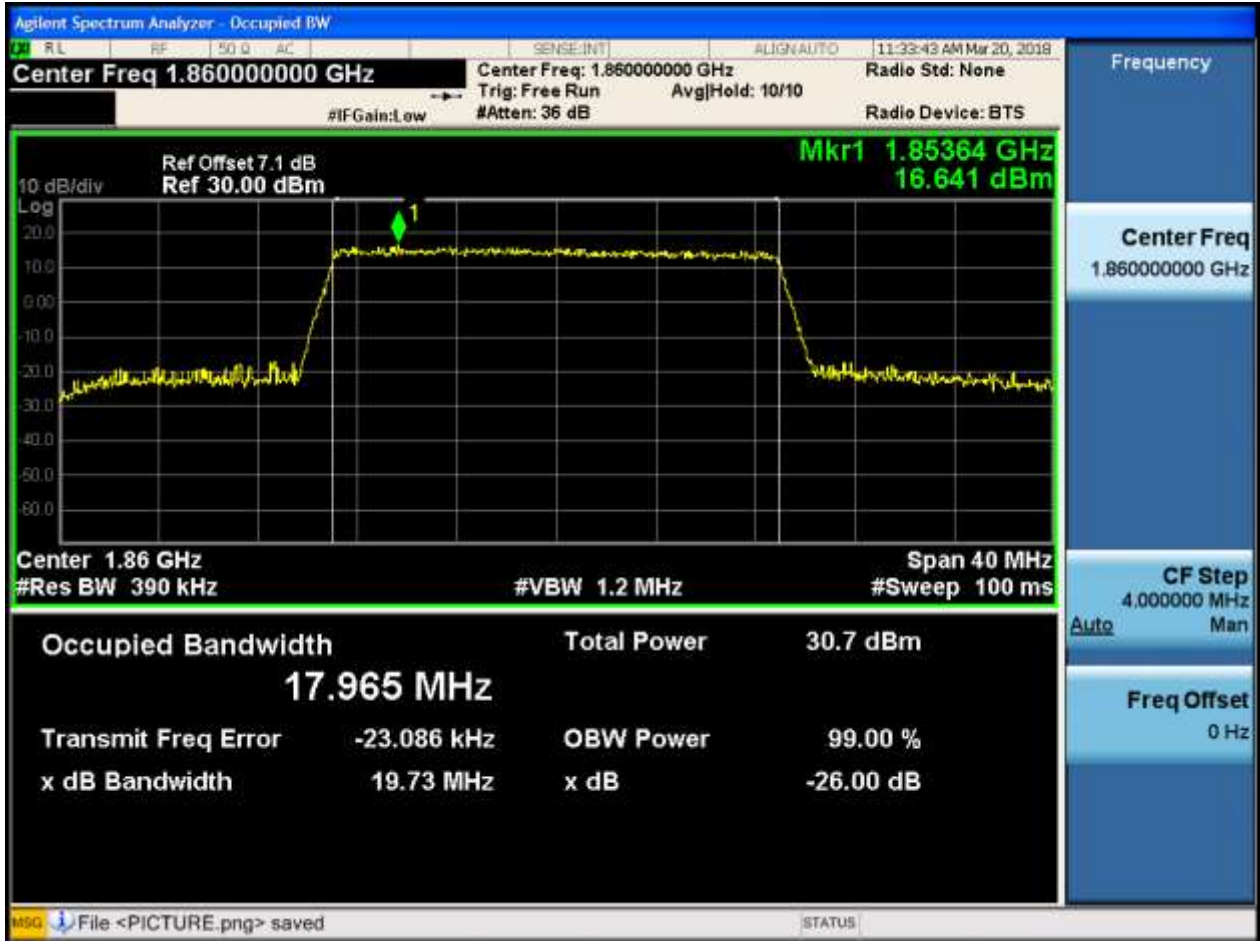
4.1.1.2.5.3.1 Test RB = RB75#0



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









5.1.1.1.1.2.3 Test RB = RB3#2





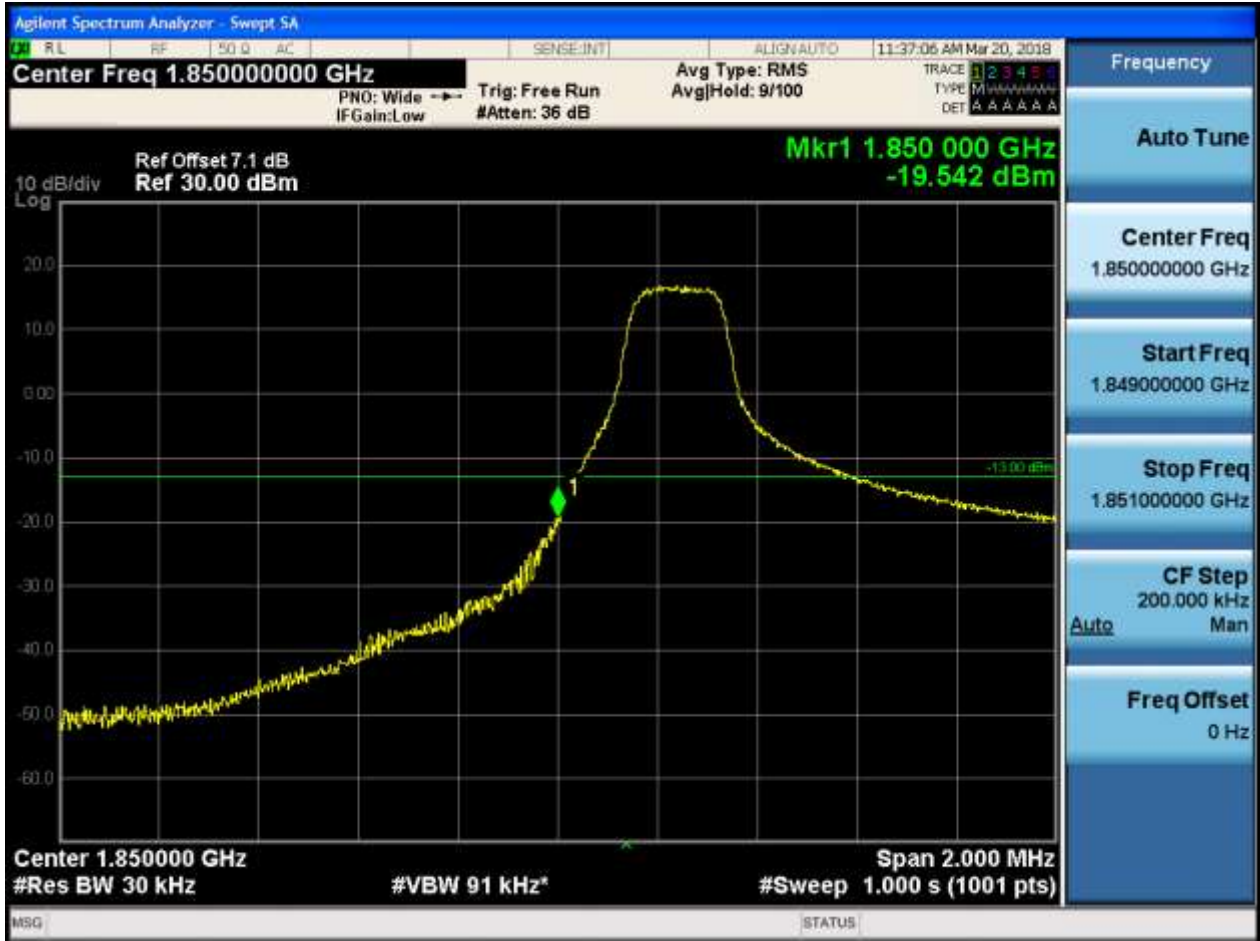
5.1.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

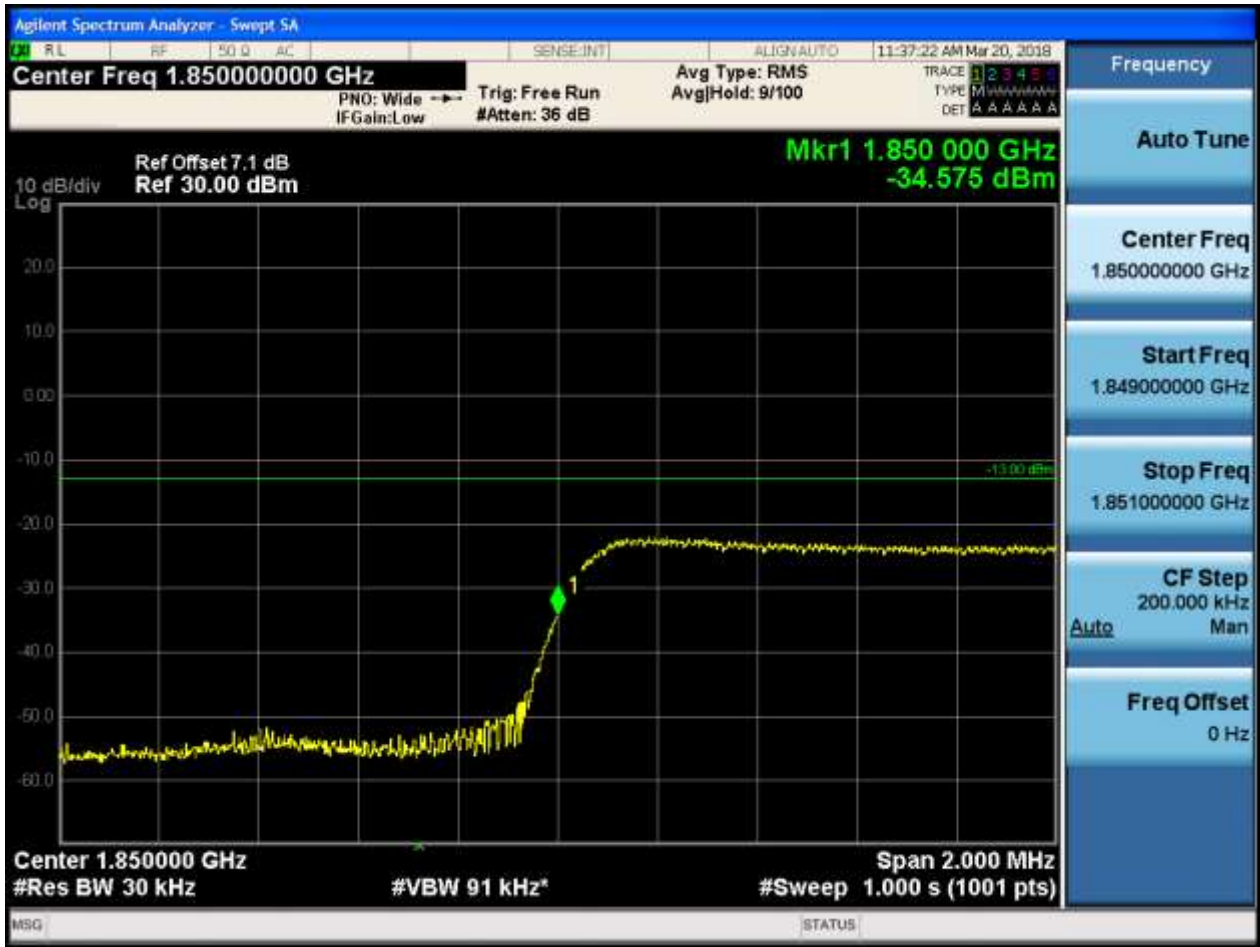
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



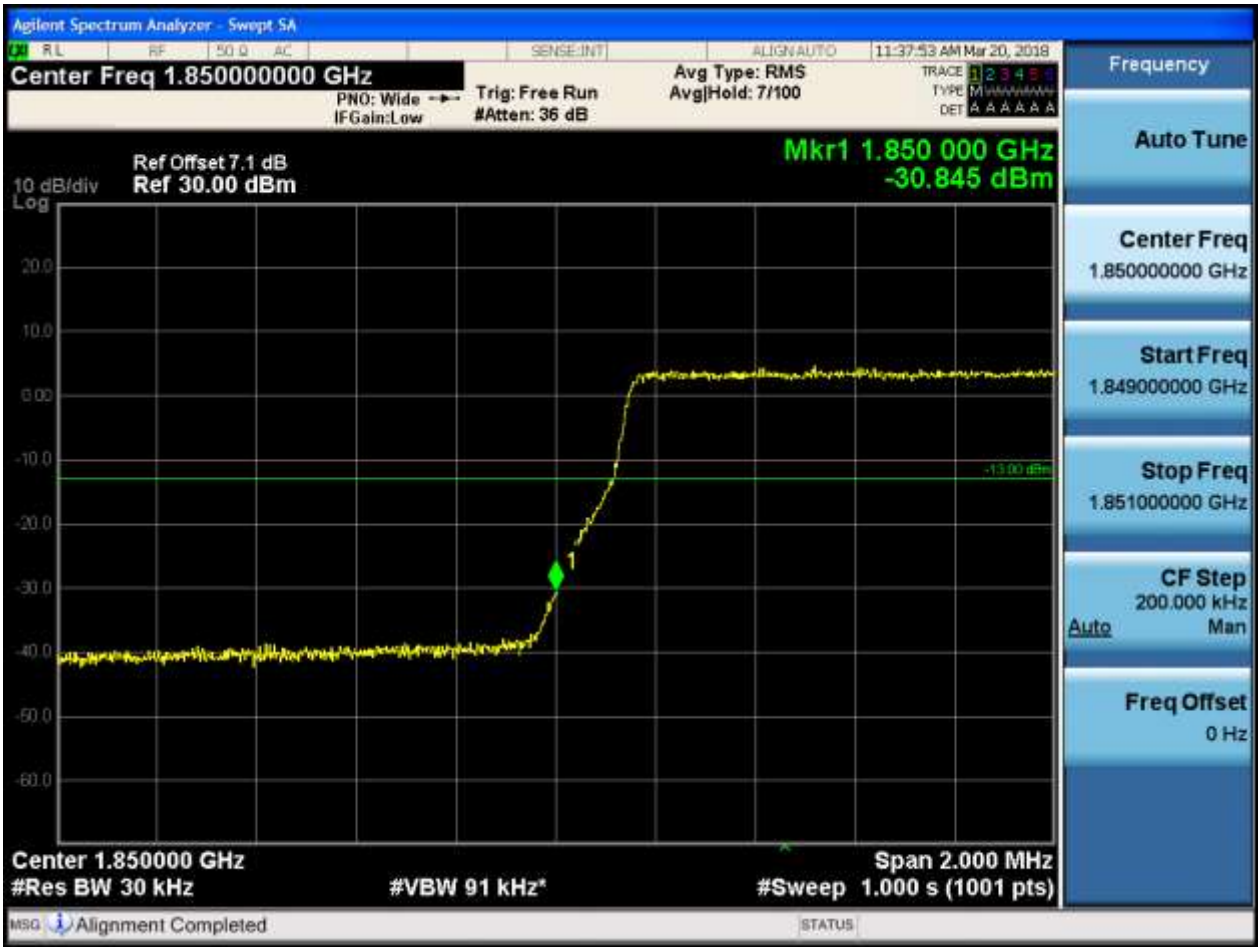


5.1.1.1.2.1.3 Test RB = RB8#4





5.1.1.1.2.1.4 Test RB = RB15#0

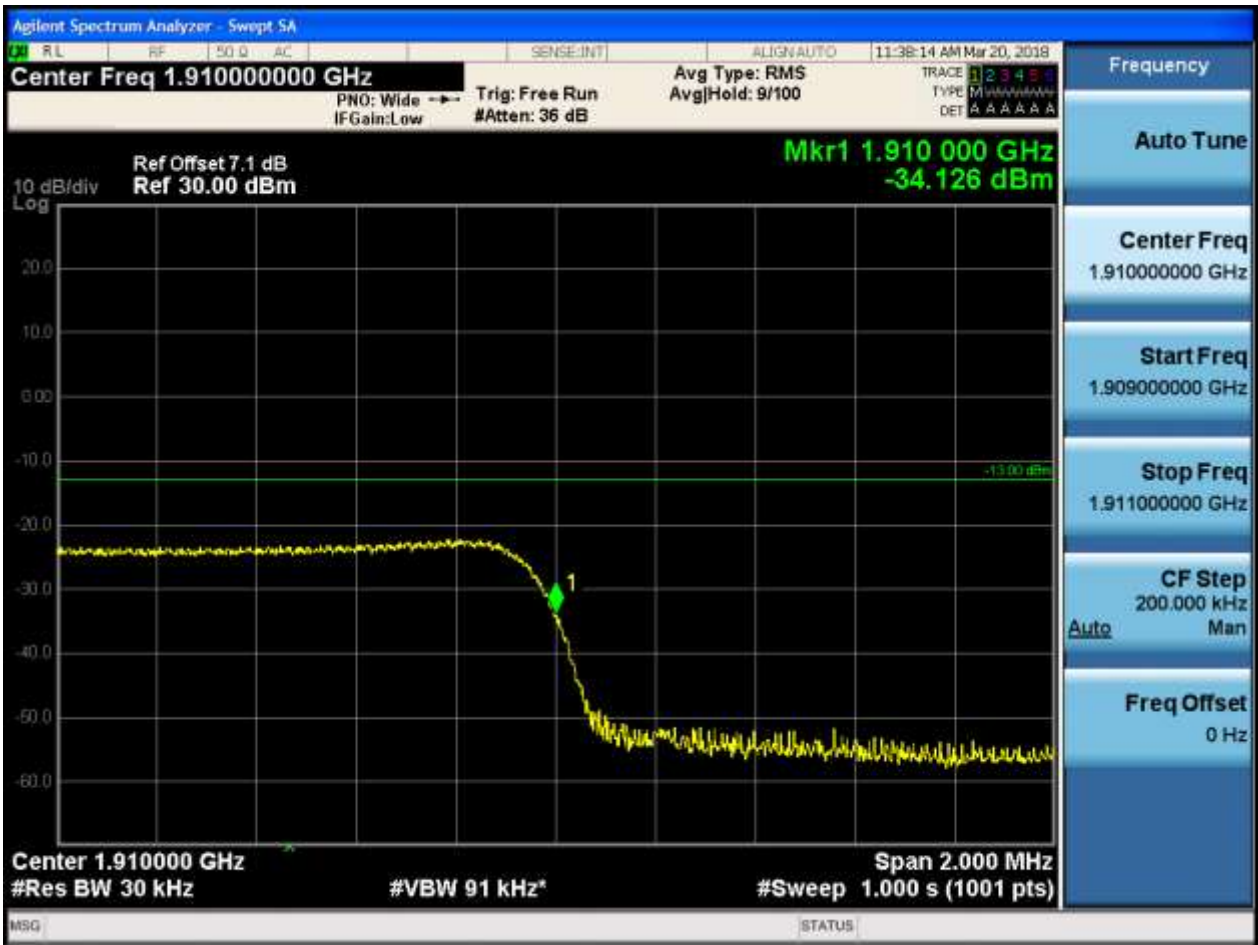






5.1.1.1.2.2 Test Channel = HCH

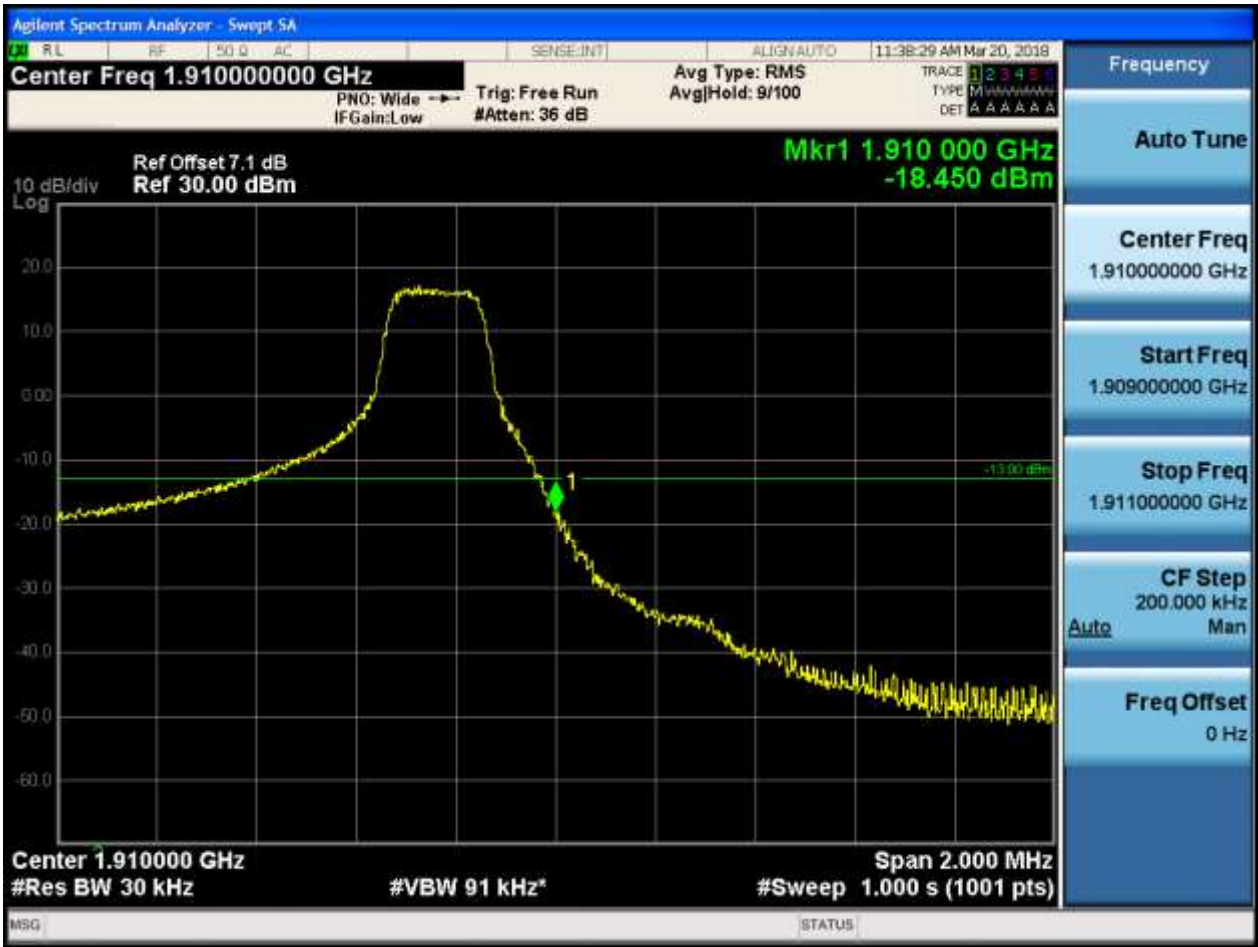
5.1.1.1.2.2.1 Test RB = RB1#0







5.1.1.1.2.2.2 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







5.1.1.1.4.1.3 Test RB = RB25#13







5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0





5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0







5.1.1.1.5.1.2 Test RB = RB1#74







5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0







5.1.1.1.6 Test Bandwidth = 20

5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0







5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





5.1.1.1.6.1.4 Test RB = RB100#0





5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0





5.1.1.1.6.2.2 Test RB = RB1#99





5.1.1.1.6.2.3 Test RB = RB50#25







5.1.1.1.6.2.4 Test RB = RB100#0









5.1.1.2.1.1.2 Test RB = RB1#5





5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#0





5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

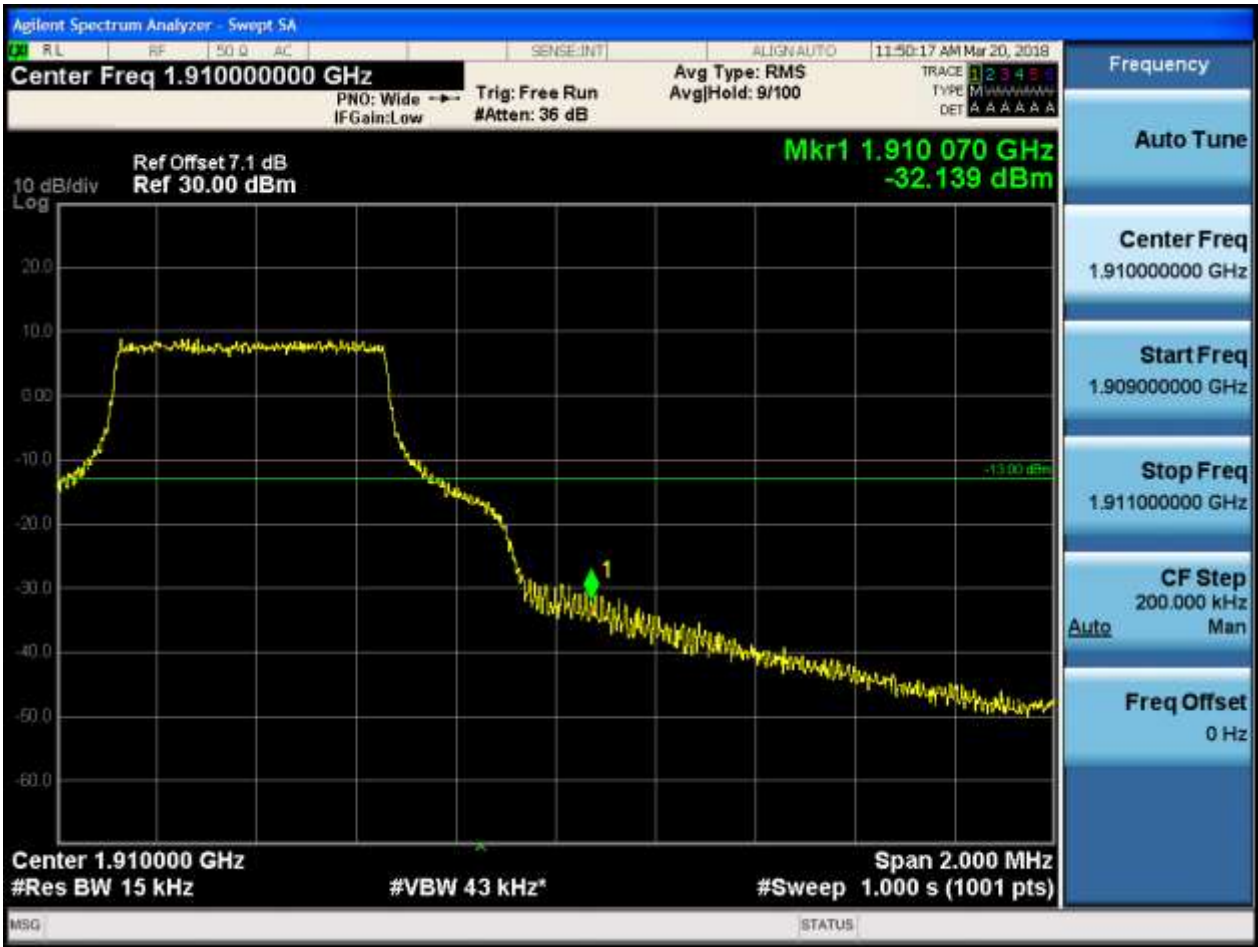








5.1.1.2.1.2.3 Test RB = RB3#2







5.1.1.2.1.2.4 Test RB = RB6#0

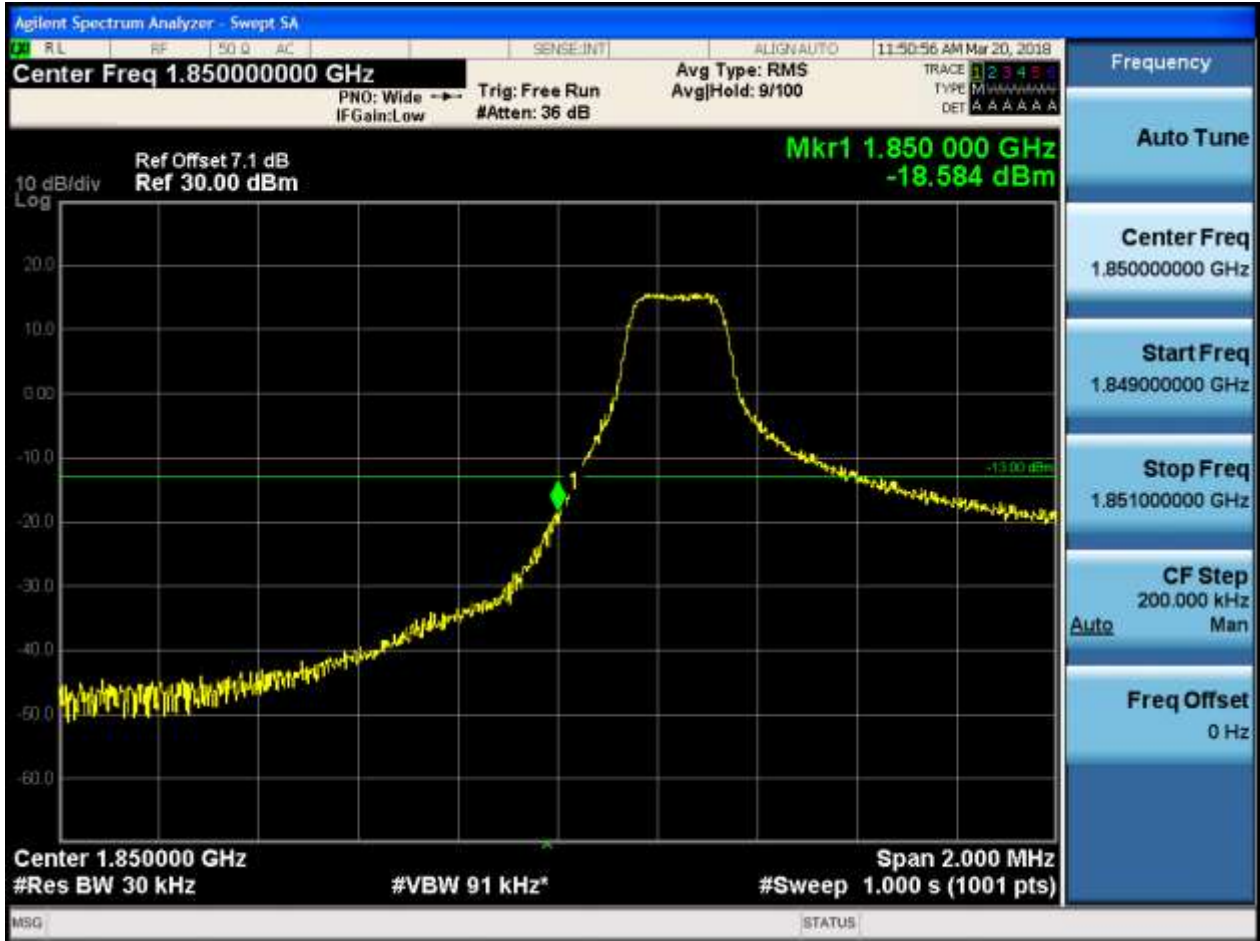




5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14





5.1.1.2.2.1.3 Test RB = RB8#4





5.1.1.2.2.1.4 Test RB = RB15#0





5.1.1.2.2.2 Test Channel = HCH

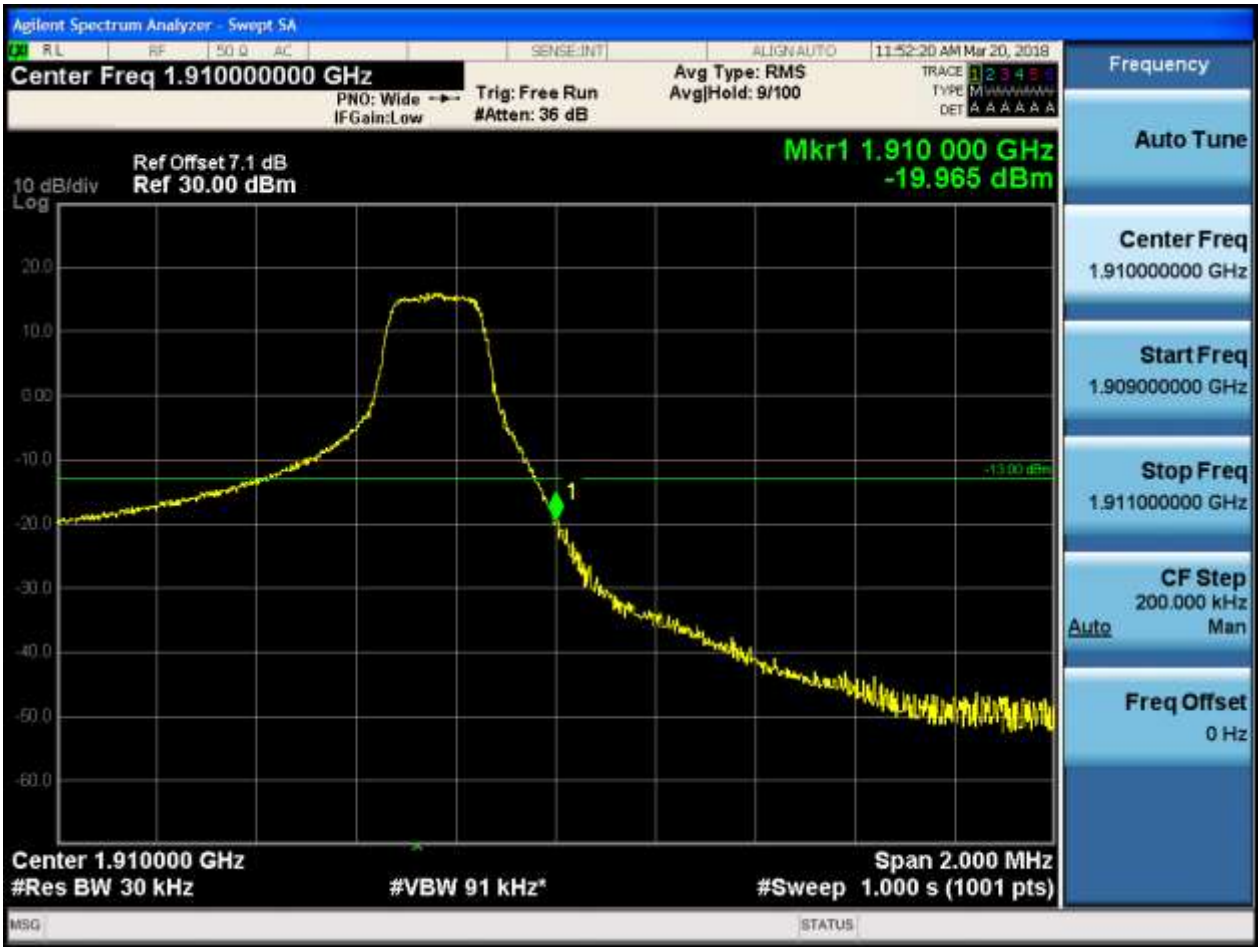
5.1.1.2.2.2.1 Test RB = RB1#0







5.1.1.2.2.2 Test RB = RB1#14







5.1.1.2.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

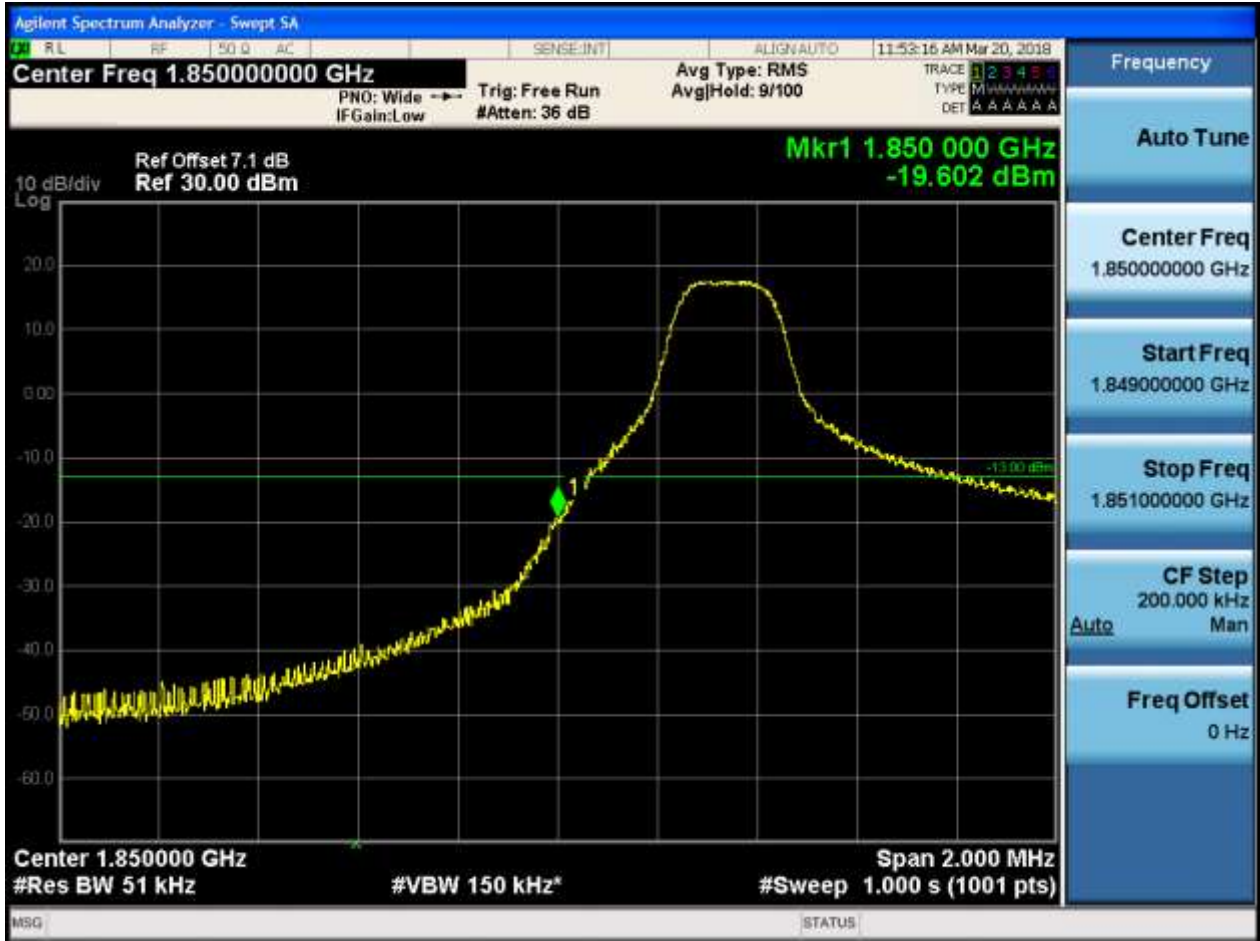




5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24





5.1.1.2.3.1.3 Test RB = RB12#6





5.1.1.2.3.1.4 Test RB = RB25#0







5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0







5.1.1.2.3.2.2 Test RB = RB1#24





5.1.1.2.3.2.3 Test RB = RB12#6





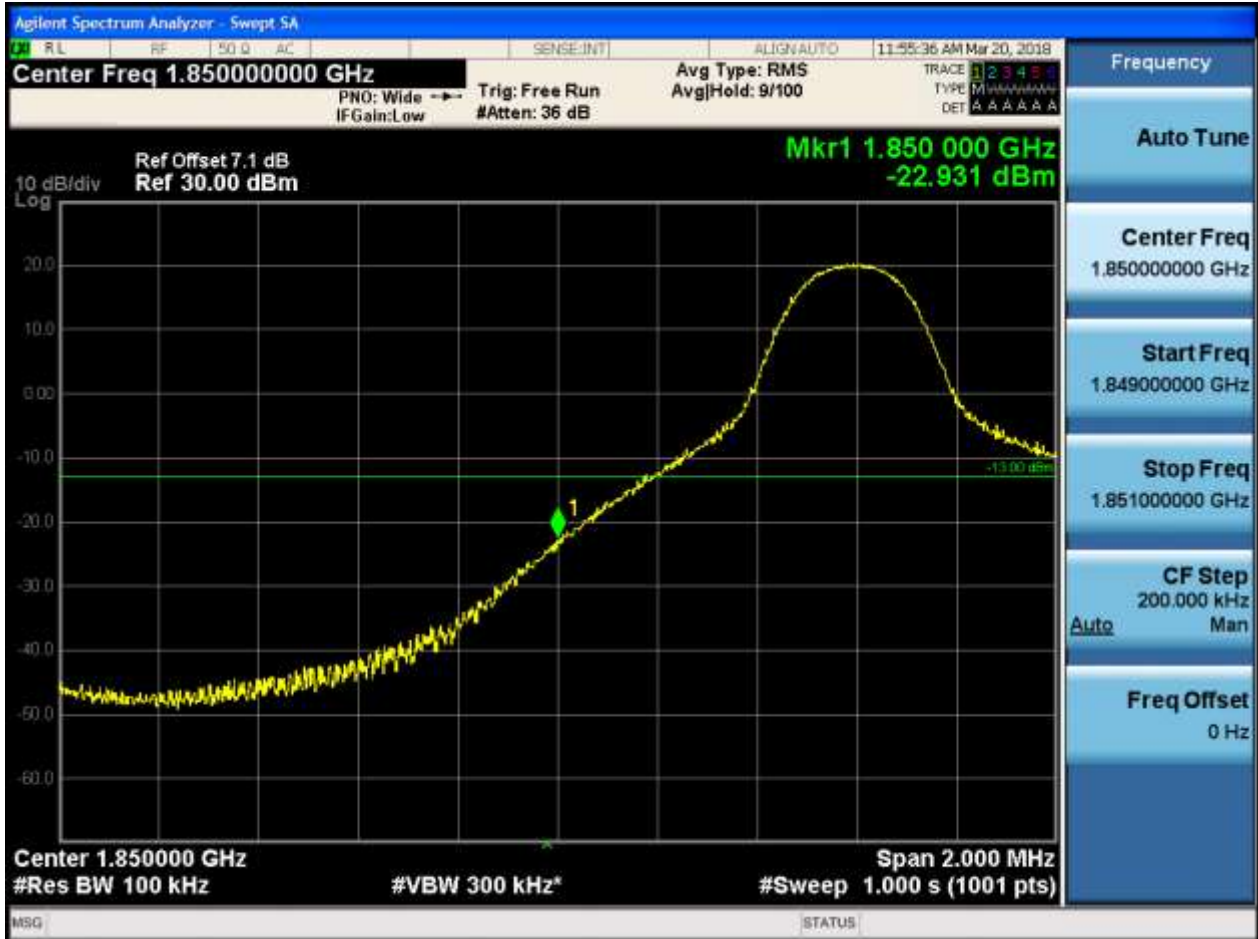
5.1.1.2.3.2.4 Test RB = RB25#0



## 5.1.1.2.4 Test Bandwidth = 10

## 5.1.1.2.4.1 Test Channel = LCH

## 5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13







5.1.1.2.4.1.4 Test RB = RB50#0







5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0

