



# Appendix for test report

## 1 Appendix\_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
BAND7	LTE/TM 1	5	LCH	RB1#0	23.55	23.75	33	PASS
				RB1#13	23.67	23.87	33	PASS
				RB1#24	23.49	23.69	33	PASS
				RB12#0	22.72	22.92	33	PASS
				RB12#6	22.75	22.95	33	PASS
				RB12#13	22.61	22.81	33	PASS
				RB25#0	22.67	22.87	33	PASS
			MCH	RB1#0	23.61	23.81	33	PASS
				RB1#13	23.58	23.78	33	PASS
				RB1#24	23.58	23.78	33	PASS
				RB12#0	22.72	22.92	33	PASS
				RB12#6	22.8	23	33	PASS
				RB12#13	22.76	22.96	33	PASS
				RB25#0	22.77	22.97	33	PASS
		HCH	RB1#0	23.48	23.68	33	PASS	
			RB1#13	23.57	23.77	33	PASS	
			RB1#24	23.23	23.43	33	PASS	
			RB12#0	22.77	22.97	33	PASS	
			RB12#6	22.83	23.03	33	PASS	
			RB12#13	22.8	23	33	PASS	
			RB25#0	22.89	23.09	33	PASS	
		10	LCH	RB1#0	23.85	24.05	33	PASS
				RB1#25	23.99	24.19	33	PASS
				RB1#49	23.7	23.9	33	PASS
				RB25#0	22.83	23.03	33	PASS
				RB25#13	22.68	22.88	33	PASS
				RB25#25	22.65	22.85	33	PASS
				RB50#0	22.74	22.94	33	PASS
MCH	RB1#0		23.71	23.91	33	PASS		
	RB1#25		23.79	23.99	33	PASS		

				RB1#49	23.65	23.85	33	PASS
				RB25#0	22.88	23.08	33	PASS
				RB25#13	22.85	23.05	33	PASS
				RB25#25	22.78	22.98	33	PASS
				RB50#0	22.92	23.12	33	PASS
			HCH	RB1#0	23.68	23.88	33	PASS
				RB1#25	23.94	24.14	33	PASS
				RB1#49	23.44	23.64	33	PASS
				RB25#0	22.94	23.14	33	PASS
				RB25#13	22.91	23.11	33	PASS
				RB25#25	22.87	23.07	33	PASS
			LCH	RB50#0	22.91	23.11	33	PASS
				RB1#0	23.67	23.87	33	PASS
				RB1#38	23.85	24.05	33	PASS
				RB1#74	23.61	23.81	33	PASS
		RB36#0		22.73	22.93	33	PASS	
		RB36#18		22.67	22.87	33	PASS	
		RB36#39		22.75	22.95	33	PASS	
		MCH	RB75#0	22.67	22.87	33	PASS	
			RB1#0	23.58	23.78	33	PASS	
			RB1#38	23.63	23.83	33	PASS	
			RB1#74	23.69	23.89	33	PASS	
			RB36#0	22.88	23.08	33	PASS	
			RB36#18	22.87	23.07	33	PASS	
		HCH	RB36#39	22.82	23.02	33	PASS	
			RB75#0	22.88	23.08	33	PASS	
			RB1#0	23.6	23.8	33	PASS	
			RB1#38	23.84	24.04	33	PASS	
			RB1#74	23.33	23.53	33	PASS	
			RB36#0	22.77	22.97	33	PASS	
			RB36#18	22.87	23.07	33	PASS	
		LCH	RB36#39	22.88	23.08	33	PASS	
			RB75#0	22.71	22.91	33	PASS	
RB1#0	23.5		23.7	33	PASS			
RB1#50	23.67		23.87	33	PASS			
RB1#99	23.14		23.34	33	PASS			
RB50#0	22.71		22.91	33	PASS			
RB50#25	22.72		22.92	33	PASS			
MCH	RB50#50	22.59	22.79	33	PASS			
	RB100#0	22.69	22.89	33	PASS			
		20		RB1#0	23.26	23.46	33	PASS

				RB1#50	23.84	24.04	33	PASS
				RB1#99	23.24	23.44	33	PASS
				RB50#0	22.94	23.14	33	PASS
				RB50#25	22.91	23.11	33	PASS
				RB50#50	22.88	23.08	33	PASS
				RB100#0	22.81	23.01	33	PASS
			HCH	RB1#0	23.53	23.73	33	PASS
				RB1#50	24.03	24.23	33	PASS
				RB1#99	22.95	23.15	33	PASS
				RB50#0	22.76	22.96	33	PASS
				RB50#25	22.8	23	33	PASS
				RB50#50	22.85	23.05	33	PASS
			RB100#0	22.82	23.02	33	PASS	
			LTE/TM 2	5	LCH	RB1#0	22.5	22.7
	RB1#13	22.33				22.53	33	PASS
	RB1#24	22.04				22.24	33	PASS
	RB12#0	21.49				21.69	33	PASS
	RB12#6	21.56				21.76	33	PASS
	RB12#13	21.42				21.62	33	PASS
	RB25#0	21.69				21.89	33	PASS
	MCH	RB1#0			22.27	22.47	33	PASS
		RB1#13			22.25	22.45	33	PASS
		RB1#24			22.03	22.23	33	PASS
		RB12#0			21.64	21.84	33	PASS
		RB12#6			21.73	21.93	33	PASS
		RB12#13			21.69	21.89	33	PASS
	RB25#0	21.96			22.16	33	PASS	
	HCH	RB1#0		22.76	22.96	33	PASS	
		RB1#13		22.81	23.01	33	PASS	
		RB1#24	22.43	22.63	33	PASS		
RB12#0		21.79	21.99	33	PASS			
RB12#6		21.93	22.13	33	PASS			
RB12#13		21.79	21.99	33	PASS			
RB25#0	21.76	21.96	33	PASS				
10	LCH	RB1#0	22.71	22.91	33	PASS		
		RB1#25	22.83	23.03	33	PASS		
		RB1#49	22.49	22.69	33	PASS		
		RB25#0	21.77	21.97	33	PASS		
		RB25#13	21.73	21.93	33	PASS		
		RB25#25	21.47	21.67	33	PASS		
		RB50#0	21.63	21.83	33	PASS		

		15	MCH	RB1#0	22.55	22.75	33	PASS
				RB1#25	23.17	23.37	33	PASS
				RB1#49	22.62	22.82	33	PASS
				RB25#0	21.97	22.17	33	PASS
				RB25#13	21.91	22.11	33	PASS
				RB25#25	21.78	21.98	33	PASS
				RB50#0	21.81	22.01	33	PASS
			HCH	RB1#0	22.62	22.82	33	PASS
				RB1#25	22.92	23.12	33	PASS
				RB1#49	22.35	22.55	33	PASS
				RB25#0	22.12	22.32	33	PASS
				RB25#13	22.05	22.25	33	PASS
				RB25#25	21.86	22.06	33	PASS
				RB50#0	21.88	22.08	33	PASS
		20	LCH	RB1#0	22.73	22.93	33	PASS
				RB1#38	22.51	22.71	33	PASS
				RB1#74	22.73	22.93	33	PASS
				RB36#0	21.71	21.91	33	PASS
				RB36#18	21.64	21.84	33	PASS
				RB36#39	21.58	21.78	33	PASS
				RB75#0	21.66	21.86	33	PASS
			MCH	RB1#0	22.46	22.66	33	PASS
				RB1#38	22.73	22.93	33	PASS
				RB1#74	22.77	22.97	33	PASS
				RB36#0	21.85	22.05	33	PASS
				RB36#18	21.68	21.88	33	PASS
				RB36#39	21.68	21.88	33	PASS
				RB75#0	21.82	22.02	33	PASS
		HCH	RB1#0	22.27	22.47	33	PASS	
			RB1#38	22.92	23.12	33	PASS	
RB1#74	21.9		22.1	33	PASS			
RB36#0	21.98		22.18	33	PASS			
RB36#18	22.09		22.29	33	PASS			
RB36#39	21.79		21.99	33	PASS			
RB75#0	21.73		21.93	33	PASS			
LCH	RB1#0	22.53	22.73	33	PASS			
	RB1#50	23.19	23.39	33	PASS			
	RB1#99	22.28	22.48	33	PASS			
	RB50#0	21.7	21.9	33	PASS			
	RB50#25	21.71	21.91	33	PASS			
	RB50#50	21.59	21.79	33	PASS			

				RB100#0	21.63	21.83	33	PASS
			MCH	RB1#0	22.37	22.57	33	PASS
				RB1#50	23.06	23.26	33	PASS
				RB1#99	22.33	22.53	33	PASS
				RB50#0	21.84	22.04	33	PASS
				RB50#25	21.79	21.99	33	PASS
				RB50#50	21.62	21.82	33	PASS
				RB100#0	21.77	21.97	33	PASS
			HCH	RB1#0	22.73	22.93	33	PASS
				RB1#50	22.64	22.84	33	PASS
				RB1#99	22.34	22.54	33	PASS
				RB50#0	21.64	21.84	33	PASS
				RB50#25	21.77	21.97	33	PASS
				RB50#50	21.83	22.03	33	PASS
				RB100#0	21.71	21.91	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:

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

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed } 1\text{MHz}$$

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

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
BAND7	LTE/TM1	5	LCH	RB1#0	3.95	13	PASS
				RB1#13	3.82	13	PASS
				RB1#24	4.04	13	PASS
				RB12#0	4.59	13	PASS
				RB12#6	4.53	13	PASS
				RB12#13	4.67	13	PASS
				RB25#0	4.93	13	PASS
			MCH	RB1#0	4.23	13	PASS
				RB1#13	4.1	13	PASS
				RB1#24	4.33	13	PASS
				RB12#0	4.81	13	PASS
				RB12#6	4.76	13	PASS
				RB12#13	4.84	13	PASS
				RB25#0	5.23	13	PASS
		HCH	RB1#0	4.17	13	PASS	
			RB1#13	3.94	13	PASS	
			RB1#24	4.22	13	PASS	
			RB12#0	4.81	13	PASS	
			RB12#6	4.68	13	PASS	
			RB12#13	4.73	13	PASS	
			RB25#0	5.16	13	PASS	
		10	LCH	RB1#0	4.11	13	PASS
				RB1#25	3.81	13	PASS
				RB1#49	4.12	13	PASS
				RB25#0	4.7	13	PASS
				RB25#13	4.63	13	PASS
				RB25#25	4.76	13	PASS
				RB50#0	4.85	13	PASS
MCH	RB1#0		4.22	13	PASS		
	RB1#25		4.2	13	PASS		
	RB1#49		4.43	13	PASS		
	RB25#0		4.9	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB25#13	4.91	13	PASS		
				RB25#25	5.06	13	PASS		
				RB50#0	5.76	13	PASS		
			HCH	RB1#0	4.18	13	PASS		
				RB1#25	3.87	13	PASS		
				RB1#49	4.14	13	PASS		
				RB25#0	4.91	13	PASS		
				RB25#13	4.7	13	PASS		
				RB25#25	4.83	13	PASS		
			LCH	RB50#0	5.61	13	PASS		
				RB1#0	4.09	13	PASS		
				RB1#38	4.04	13	PASS		
				RB1#74	4.07	13	PASS		
				RB36#0	4.73	13	PASS		
				RB36#18	4.63	13	PASS		
		MCH	RB36#39	4.67	13	PASS			
			RB75#0	5.47	13	PASS			
			RB1#0	4.19	13	PASS			
			RB1#38	4.22	13	PASS			
			RB1#74	4.46	13	PASS			
			RB36#0	4.89	13	PASS			
		HCH	RB36#18	4.89	13	PASS			
			RB36#39	5.01	13	PASS			
			RB75#0	5.54	13	PASS			
			RB1#0	4.33	13	PASS			
			RB1#38	3.97	13	PASS			
			RB1#74	4.18	13	PASS			
				20	LCH	RB36#0	4.92	13	PASS
						RB36#18	4.73	13	PASS
						RB36#39	4.81	13	PASS
RB75#0	5.53					13	PASS		
RB1#0	4.26					13	PASS		
RB1#50	4.02					13	PASS		
RB1#99	4.2				13	PASS			
MCH	RB50#0	4.82	13	PASS					
RB50#25	4.59	13	PASS						
RB50#50	4.73	13	PASS						
RB100#0	5.66	13	PASS						
RB1#0	4.35	13	PASS						





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	4.19	13	PASS			
				RB1#99	4.6	13	PASS			
				RB50#0	4.92	13	PASS			
				RB50#25	4.96	13	PASS			
				RB50#50	5.04	13	PASS			
				RB100#0	5.41	13	PASS			
			HCH	RB1#0	4.57	13	PASS			
				RB1#50	3.93	13	PASS			
				RB1#99	4.42	13	PASS			
				RB50#0	5.01	13	PASS			
				RB50#25	4.81	13	PASS			
				RB50#50	4.86	13	PASS			
					5	LCH	RB1#0	4.91	13	PASS
							RB1#13	4.96	13	PASS
	RB1#24	5.07					13	PASS		
	RB12#0	5.46					13	PASS		
	RB12#6	5.37					13	PASS		
	RB12#13	5.5					13	PASS		
	MCH	RB25#0				6	13	PASS		
		RB1#0				5.25	13	PASS		
		RB1#13				5.16	13	PASS		
		RB1#24				5.47	13	PASS		
		RB12#0				5.8	13	PASS		
		RB12#6				5.69	13	PASS		
	HCH	RB12#13				5.84	13	PASS		
		RB25#0				6.48	13	PASS		
		RB1#0				4.72	13	PASS		
		RB1#13				4.55	13	PASS		
		RB1#24	4.84	13	PASS					
		RB12#0	5.59	13	PASS					
		10	LCH	RB12#6	5.5	13	PASS			
				RB12#13	5.64	13	PASS			
				RB25#0	6.04	13	PASS			
				RB1#0	5.14	13	PASS			
				RB1#25	4.82	13	PASS			
				RB1#49	5.18	13	PASS			
				RB25#0	5.68	13	PASS			
				RB25#13	5.55	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#25	5.69	13	PASS	
				RB50#0	6.59	13	PASS	
			MCH	RB1#0	5.23	13	PASS	
				RB1#25	5.17	13	PASS	
				RB1#49	5.47	13	PASS	
				RB25#0	5.69	13	PASS	
				RB25#13	5.72	13	PASS	
				RB25#25	5.88	13	PASS	
			RB50#0	6.24	13	PASS		
			HCH	RB1#0	5.1	13	PASS	
				RB1#25	4.88	13	PASS	
				RB1#49	4.9	13	PASS	
				RB25#0	5.64	13	PASS	
				RB25#13	5.57	13	PASS	
				RB25#25	5.63	13	PASS	
		RB50#0	5.92	13	PASS			
		15	LCH		RB1#0	5.17	13	PASS
					RB1#38	4.86	13	PASS
					RB1#74	5.06	13	PASS
					RB36#0	5.71	13	PASS
					RB36#18	5.6	13	PASS
					RB36#39	5.65	13	PASS
			RB75#0	6.14	13	PASS		
			MCH		RB1#0	4.83	13	PASS
					RB1#38	4.83	13	PASS
					RB1#74	5.18	13	PASS
					RB36#0	5.9	13	PASS
					RB36#18	5.89	13	PASS
					RB36#39	6.04	13	PASS
			RB75#0	6.33	13	PASS		
			HCH		RB1#0	5.22	13	PASS
					RB1#38	4.83	13	PASS
					RB1#74	5.09	13	PASS
RB36#0	5.84				13	PASS		
RB36#18	5.63	13			PASS			
RB36#39	5.78	13			PASS			
RB75#0	6.17	13	PASS					
20	LCH		RB1#0	4.64	13	PASS		
			RB1#50	4.48	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.58	13	PASS
				RB50#0	5.7	13	PASS
				RB50#25	5.49	13	PASS
				RB50#50	5.57	13	PASS
				RB100#0	6.32	13	PASS
			MCH	RB1#0	5.08	13	PASS
				RB1#50	5.02	13	PASS
				RB1#99	5.41	13	PASS
				RB50#0	5.86	13	PASS
				RB50#25	5.89	13	PASS
				RB50#50	6.09	13	PASS
				RB100#0	6.53	13	PASS
			HCH	RB1#0	5.32	13	PASS
				RB1#50	4.95	13	PASS
				RB1#99	5.1	13	PASS
				RB50#0	5.99	13	PASS
				RB50#25	5.81	13	PASS
				RB50#50	5.79	13	PASS
				RB100#0	6.24	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

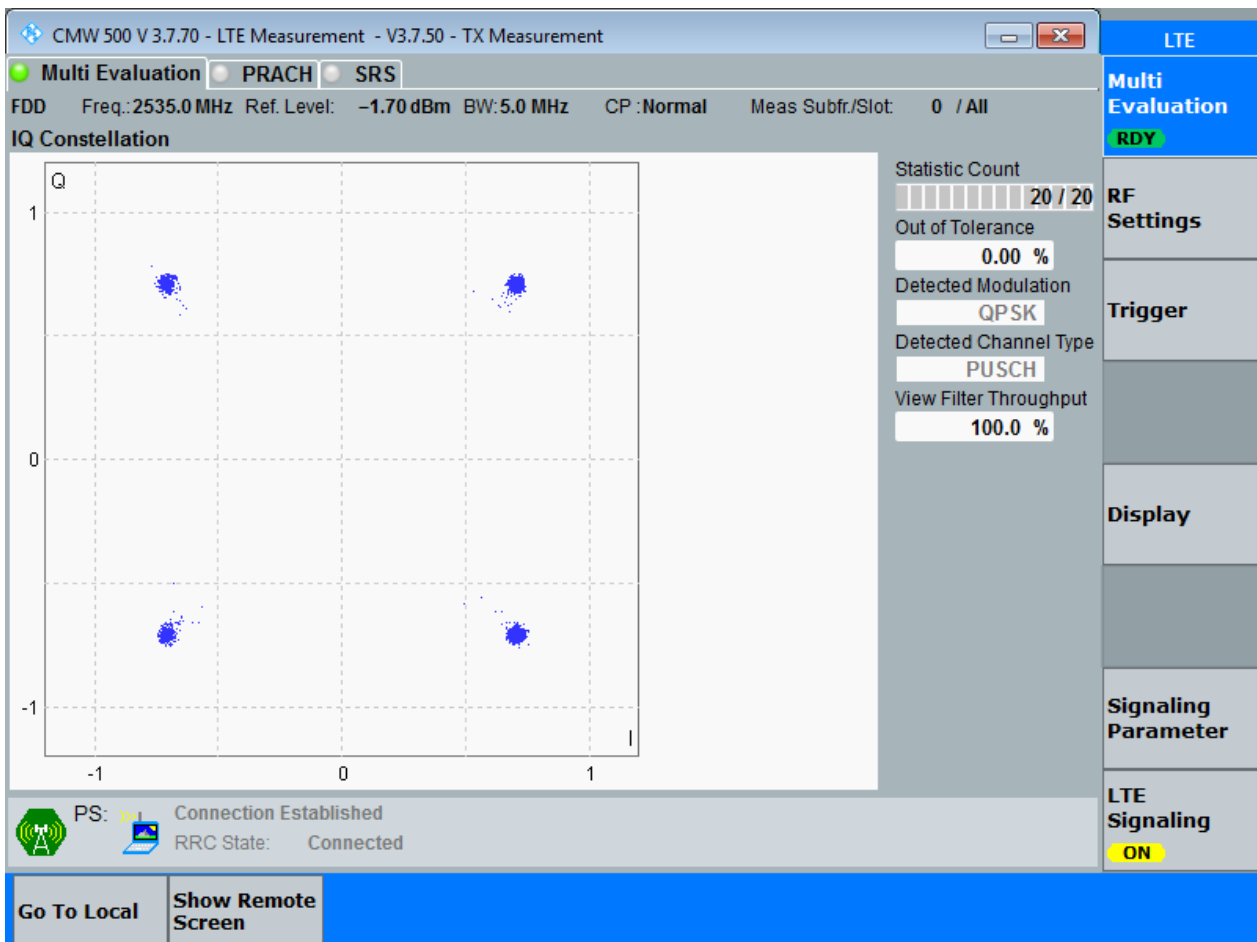
##### 3.1.1 Test Band = BAND7

##### 3.1.1.1 Test Mode = LTE/TM1

##### 3.1.1.1.1 Test Bandwidth = 5

##### 3.1.1.1.1.1 Test Channel = MCH

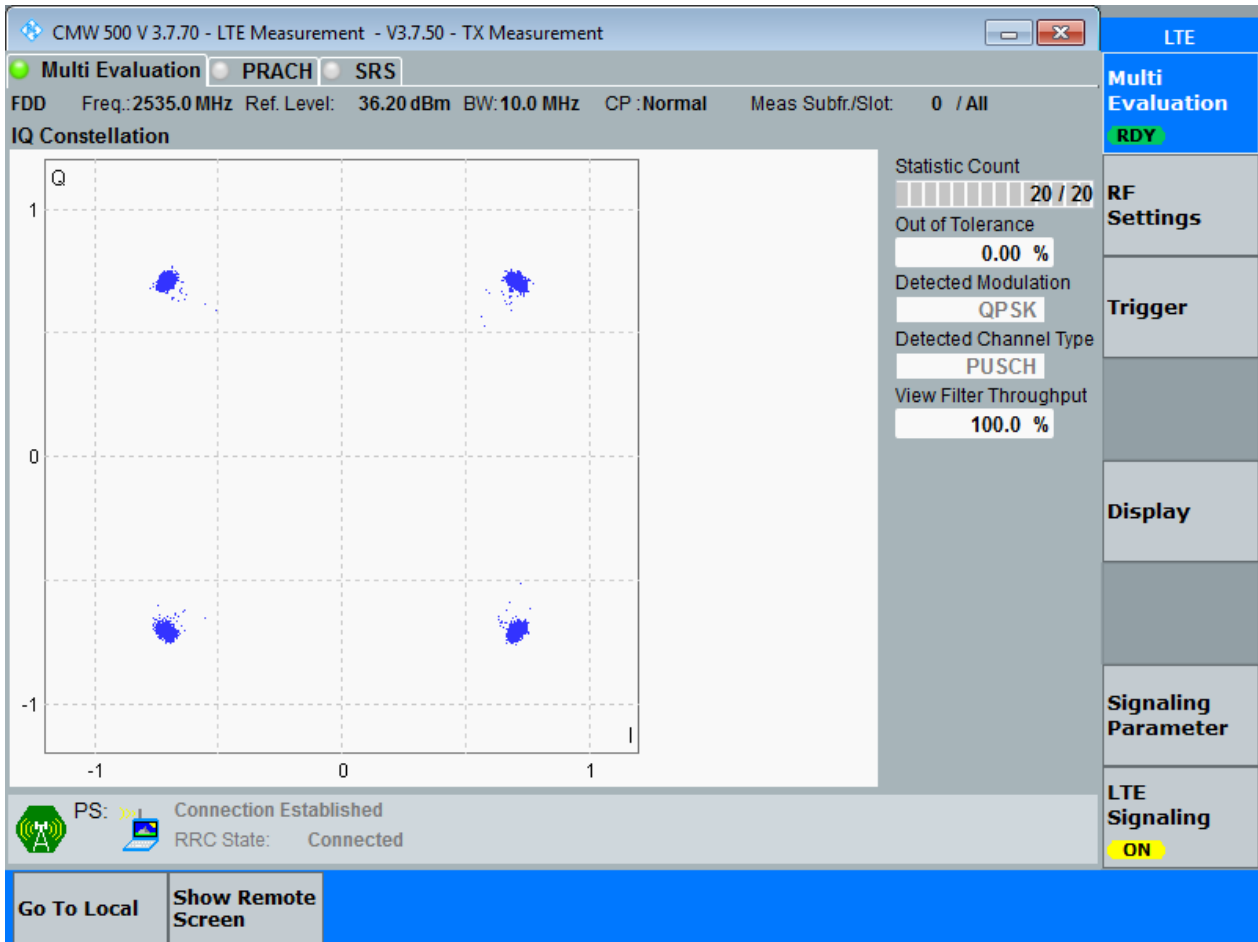
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 3.1.1.1.2 Test Bandwidth = 10

#### 3.1.1.1.2.1 Test Channel = MCH

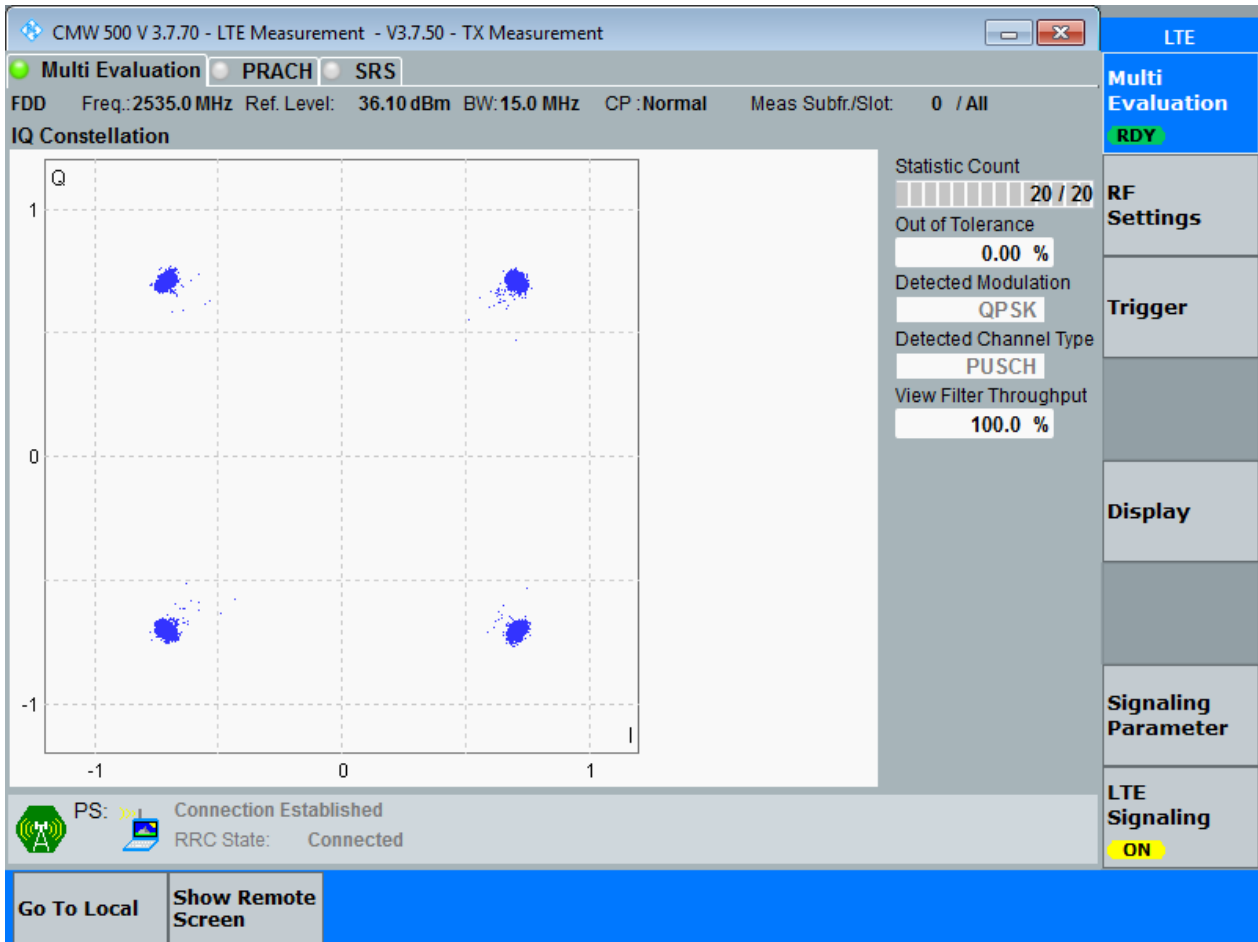
##### 3.1.1.1.2.1.1 Test RB = RB50#0



### 3.1.1.1.3 Test Bandwidth = 15

#### 3.1.1.1.3.1 Test Channel = MCH

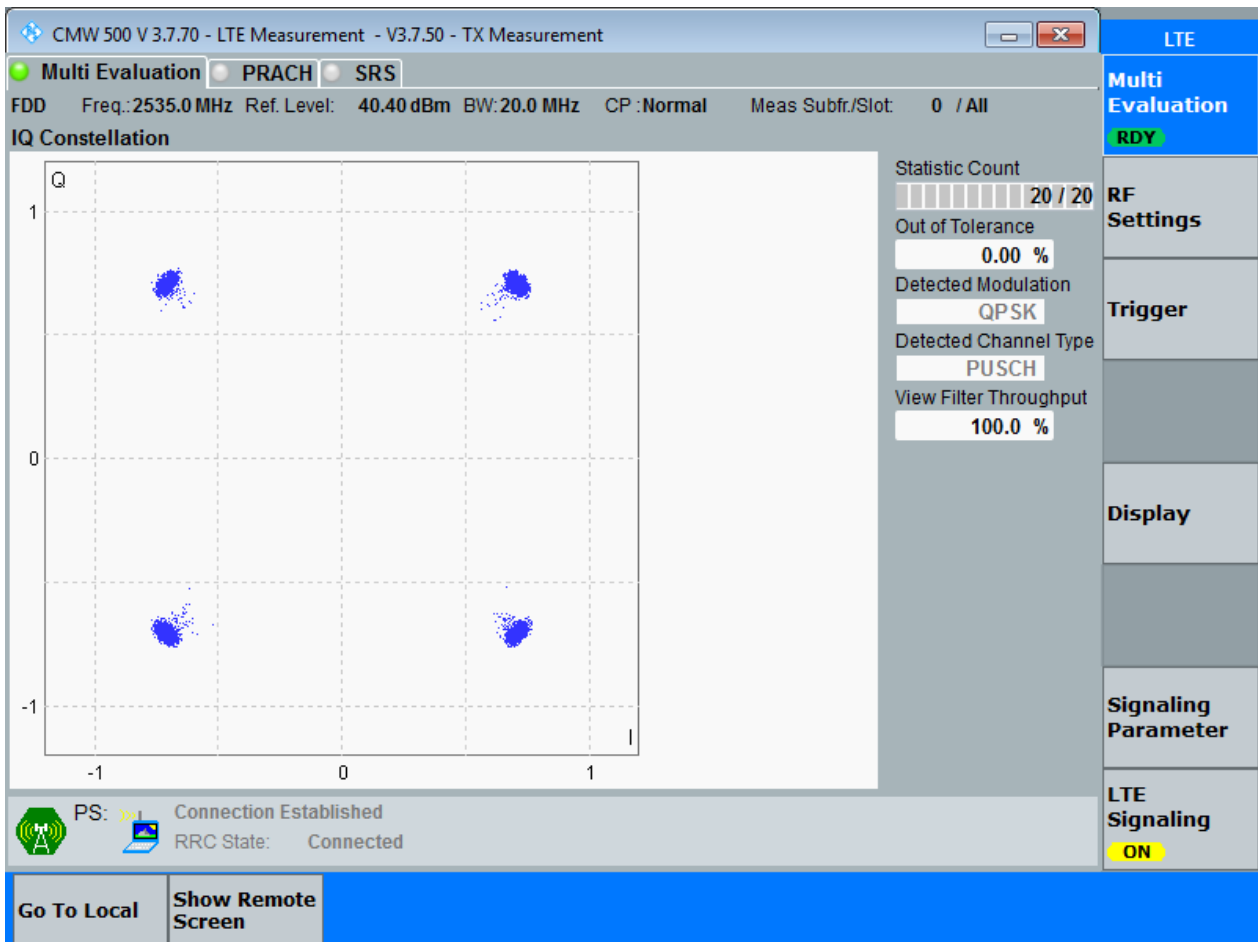
##### 3.1.1.1.3.1.1 Test RB = RB75#0



### 3.1.1.1.4 Test Bandwidth = 20

#### 3.1.1.1.4.1 Test Channel = MCH

##### 3.1.1.1.4.1.1 Test RB = RB100#0

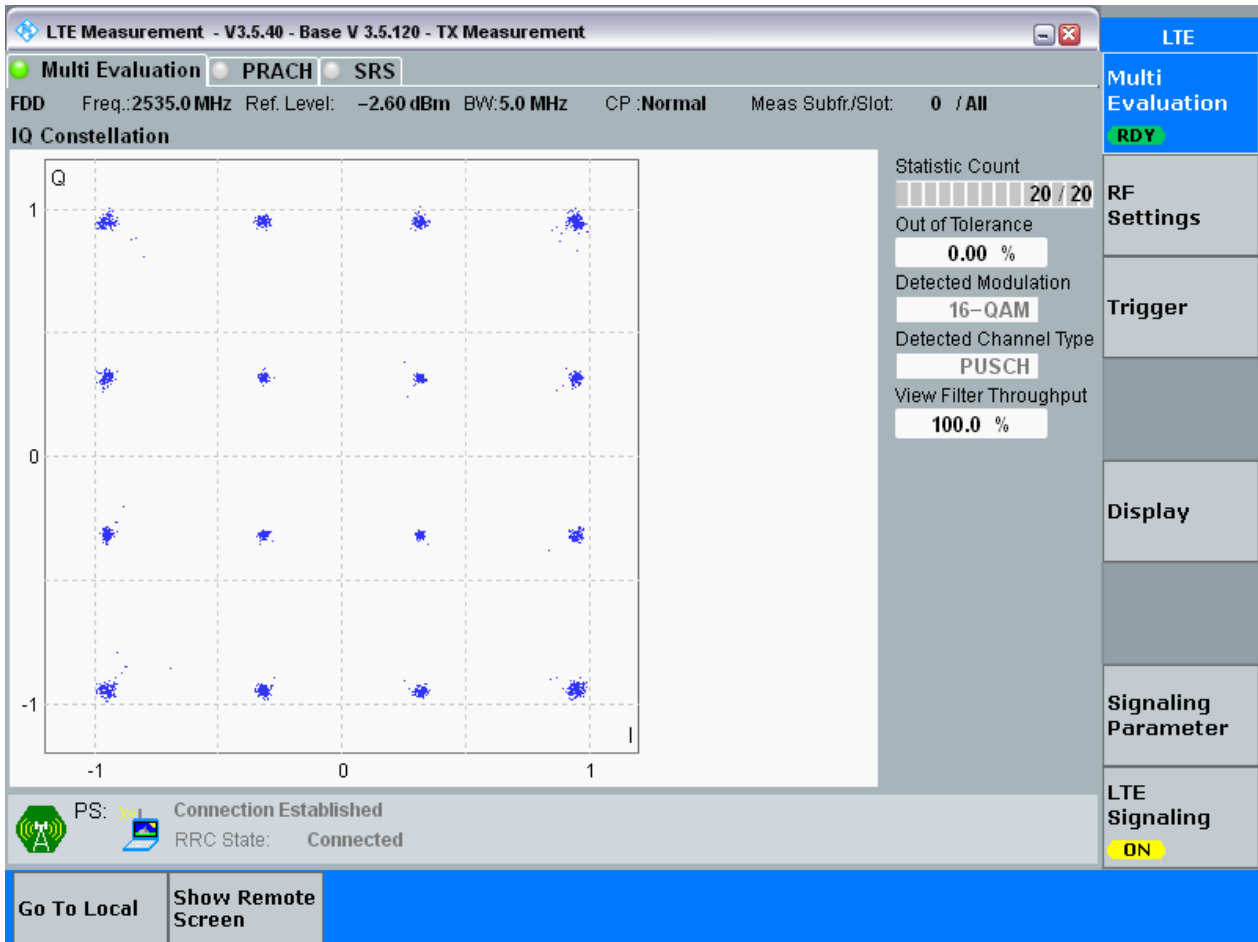


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 5

##### 3.1.1.2.1.1 Test Channel = MCH

###### 3.1.1.2.1.1.1 Test RB = RB25#0

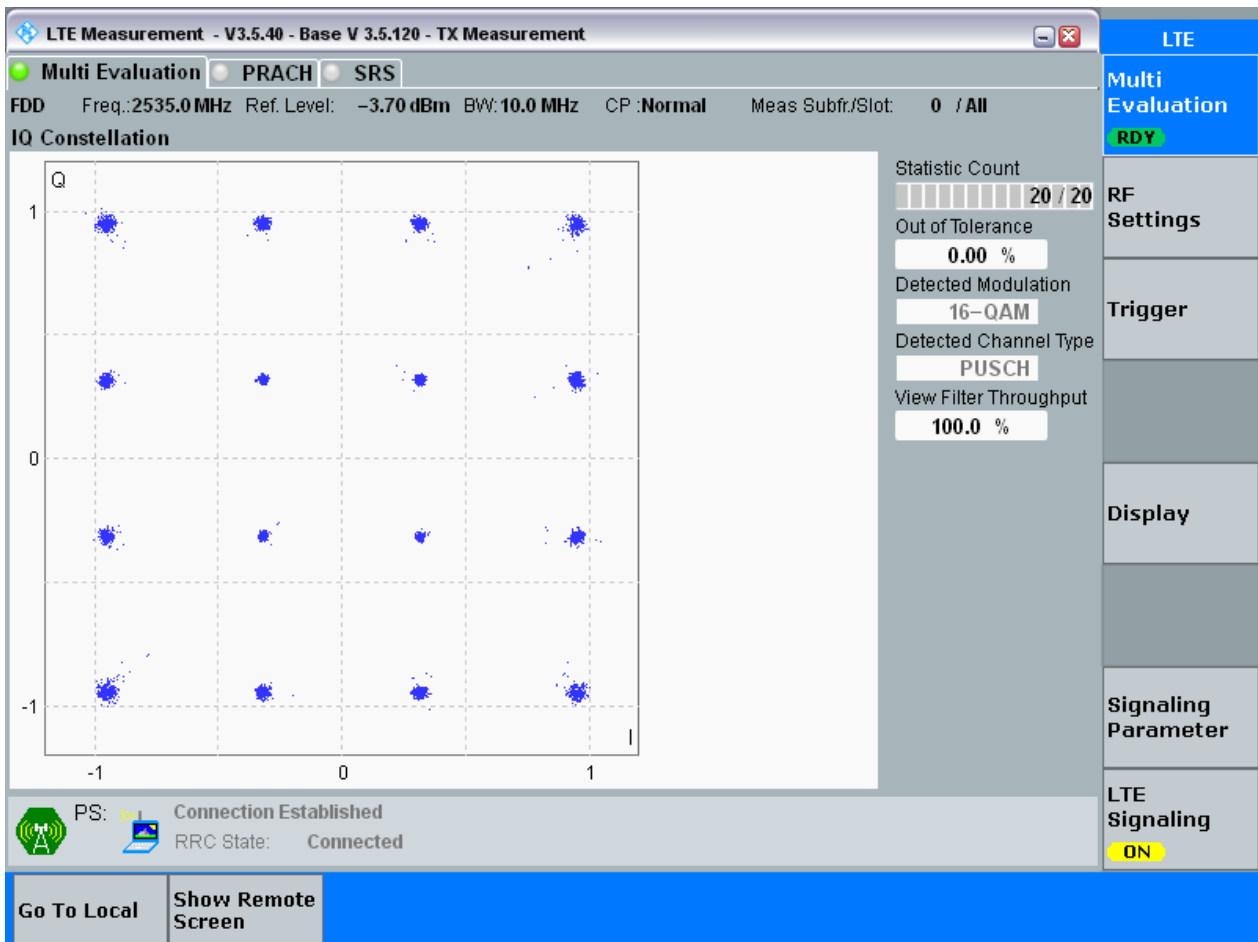




### 3.1.1.2.2 Test Bandwidth = 10

#### 3.1.1.2.2.1 Test Channel = MCH

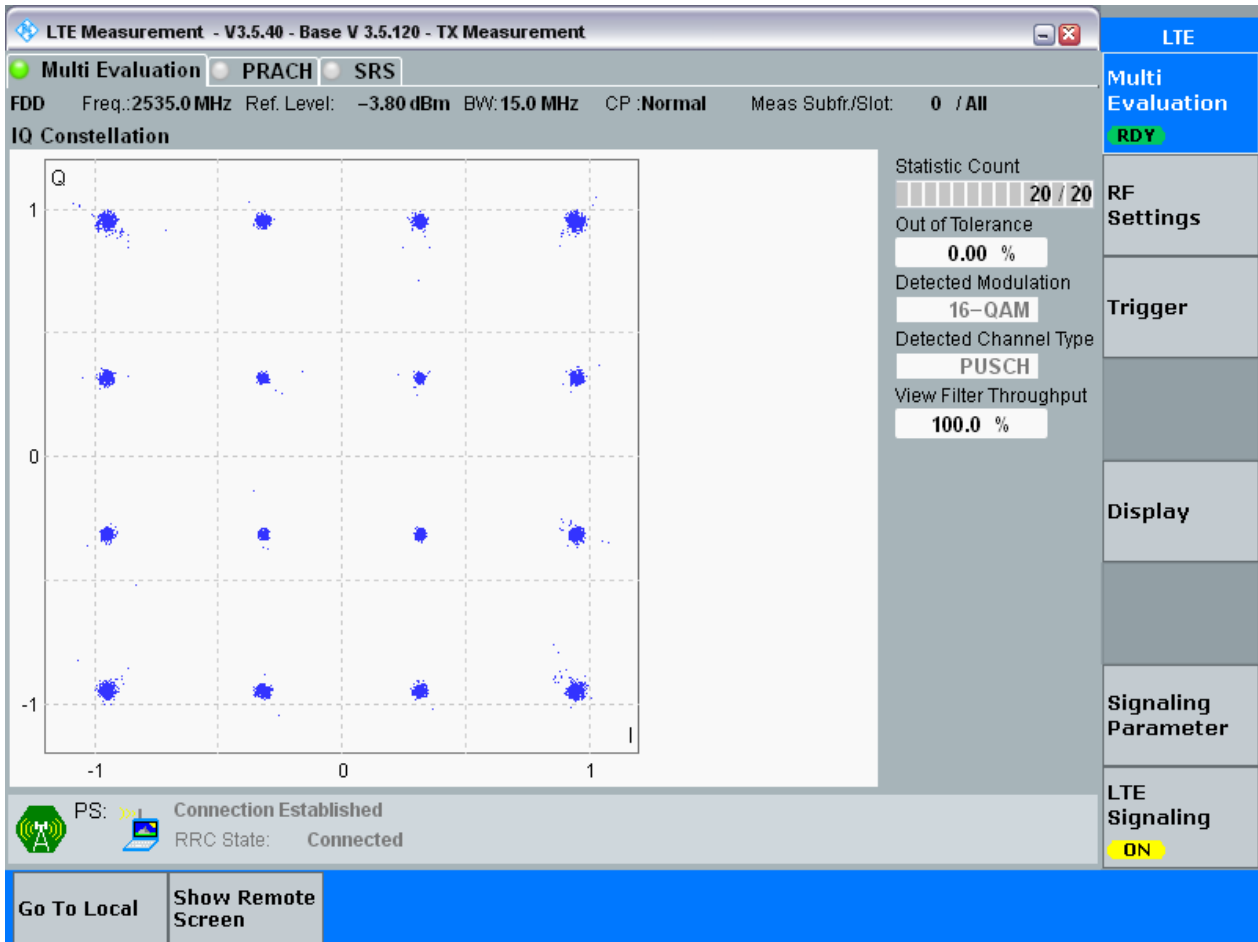
##### 3.1.1.2.2.1.1 Test RB = RB50#0



### 3.1.1.2.3 Test Bandwidth = 15

#### 3.1.1.2.3.1 Test Channel = MCH

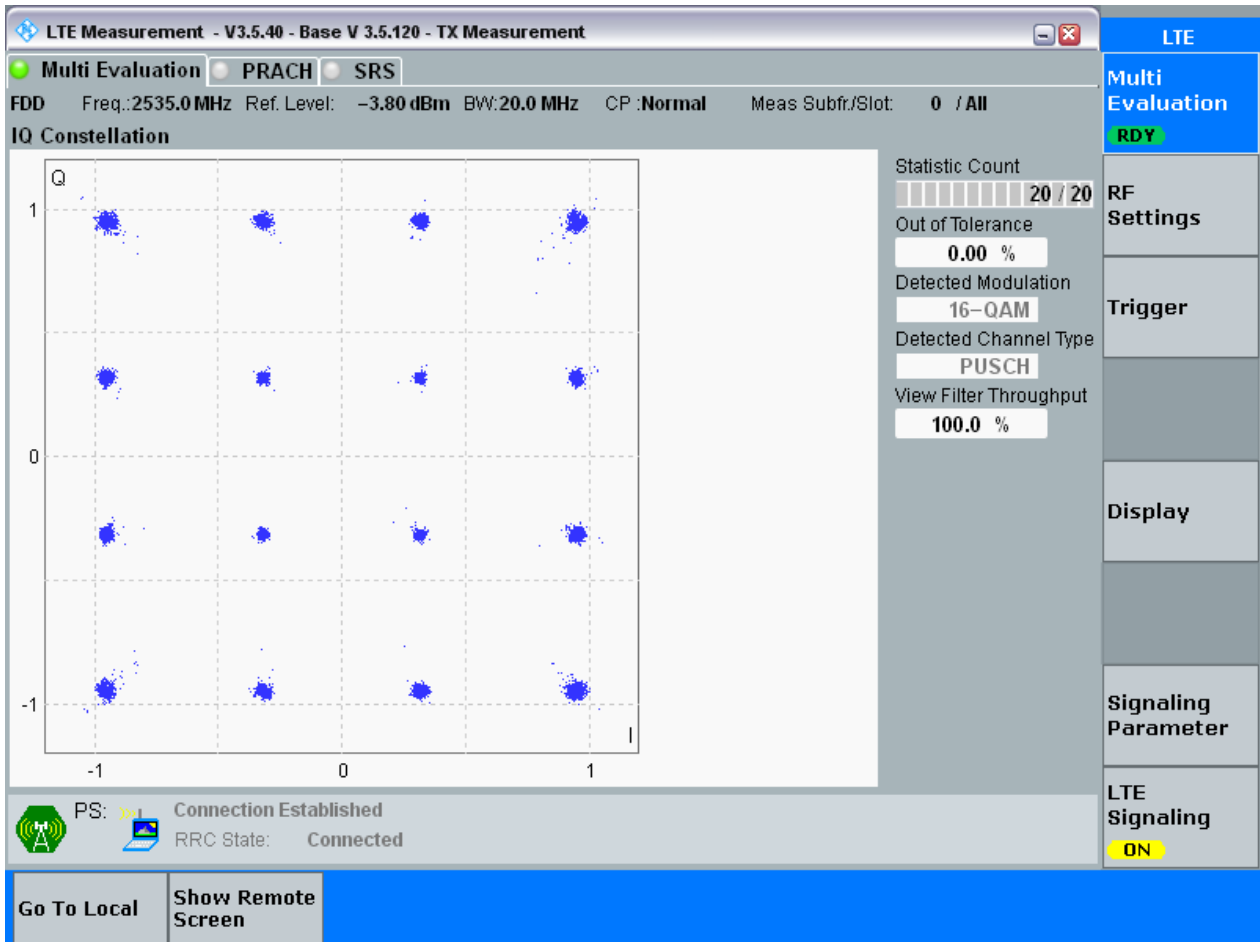
##### 3.1.1.2.3.1.1 Test RB = RB75#0



3.1.1.2.4 Test Bandwidth = 20

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 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
BAND7	LTE/TM1	5	LCH	RB25#0	4.51	5.01	Pass
			MCH	RB25#0	4.49	4.98	Pass
			HCH	RB25#0	4.49	5.01	Pass
		10	LCH	RB50#0	8.98	9.94	Pass
			MCH	RB50#0	8.97	9.90	Pass
			HCH	RB50#0	8.98	9.88	Pass
		15	LCH	RB75#0	13.46	14.77	Pass
			MCH	RB75#0	13.46	14.75	Pass
			HCH	RB75#0	13.43	14.70	Pass
		20	LCH	RB100#0	17.91	19.42	Pass
			MCH	RB100#0	17.92	19.53	Pass
			HCH	RB100#0	17.91	19.43	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	5.03	Pass
			MCH	RB25#0	4.49	4.96	Pass
			HCH	RB25#0	4.49	4.99	Pass
		10	LCH	RB50#0	8.97	9.92	Pass
			MCH	RB50#0	8.98	9.89	Pass
			HCH	RB50#0	8.96	9.91	Pass
		15	LCH	RB75#0	13.44	14.76	Pass
			MCH	RB75#0	13.42	14.72	Pass
			HCH	RB75#0	13.43	14.75	Pass
		20	LCH	RB100#0	17.90	19.47	Pass
			MCH	RB100#0	17.89	19.54	Pass
			HCH	RB100#0	17.87	19.43	Pass

**Part II - Test Plots**

**4.1 For LTE**

**4.1.1 Test Band = BAND7**

**4.1.1.1 Test Mode = LTE/TM1**

**4.1.1.1.1 Test Bandwidth = 5**

**4.1.1.1.1.1 Test Channel = LCH**

**4.1.1.1.1.1.1 Test RB = RB25#0**



4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

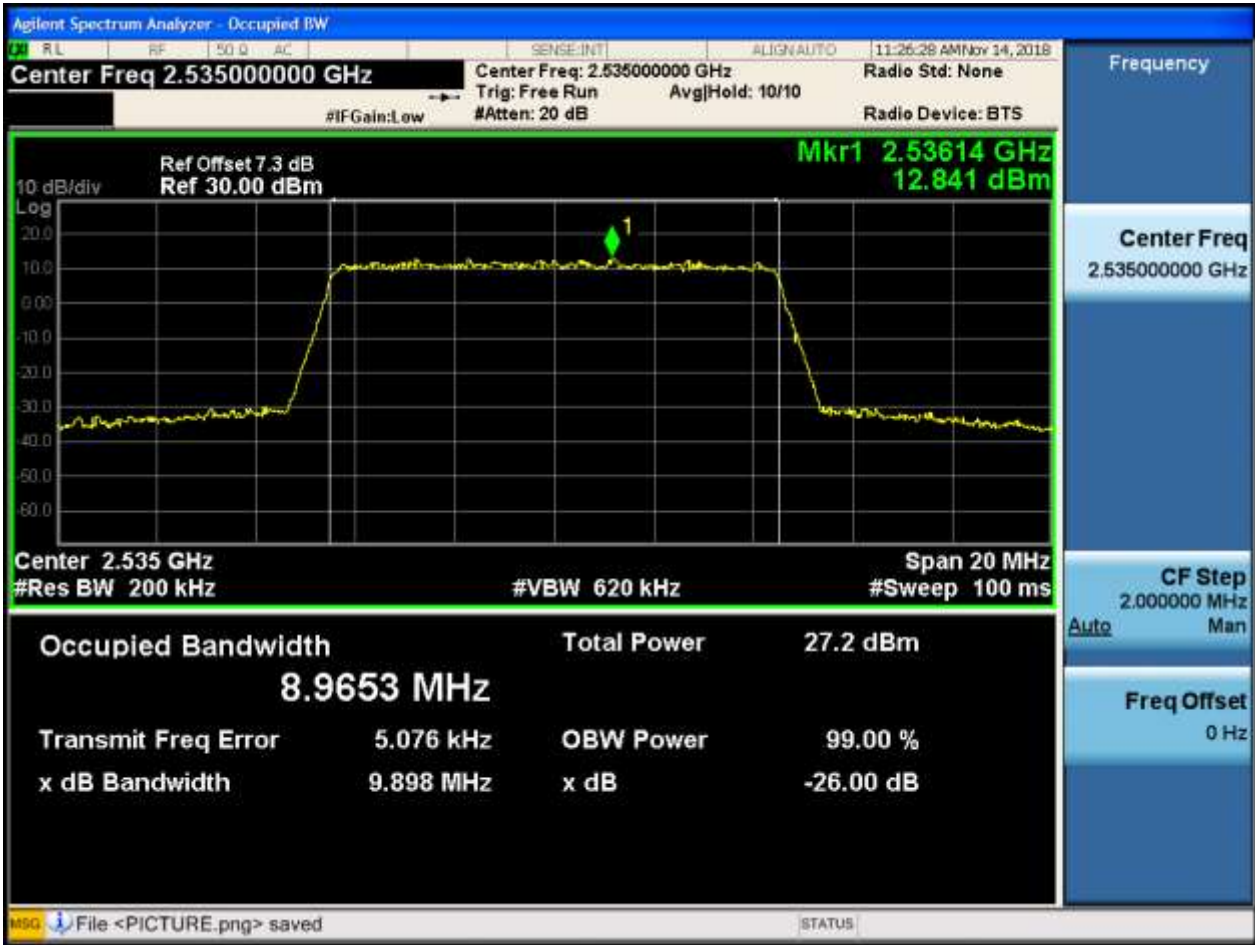
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB50#0



4.1.1.1.2.3 Test Channel = HCH

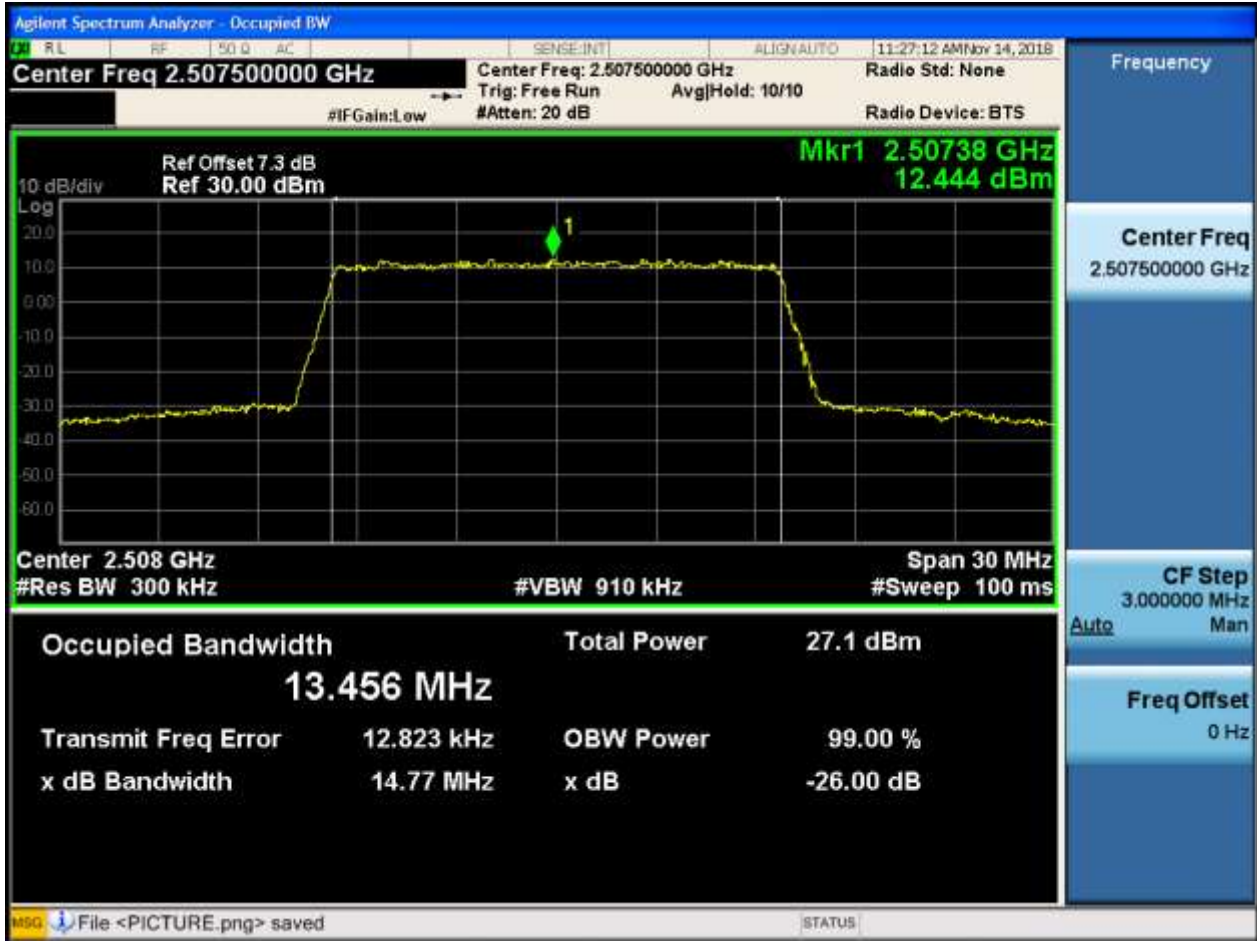
4.1.1.1.2.3.1 Test RB = RB50#0



4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0



4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB75#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0



4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB100#0



4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB100#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0





4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB25#0



4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0



4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



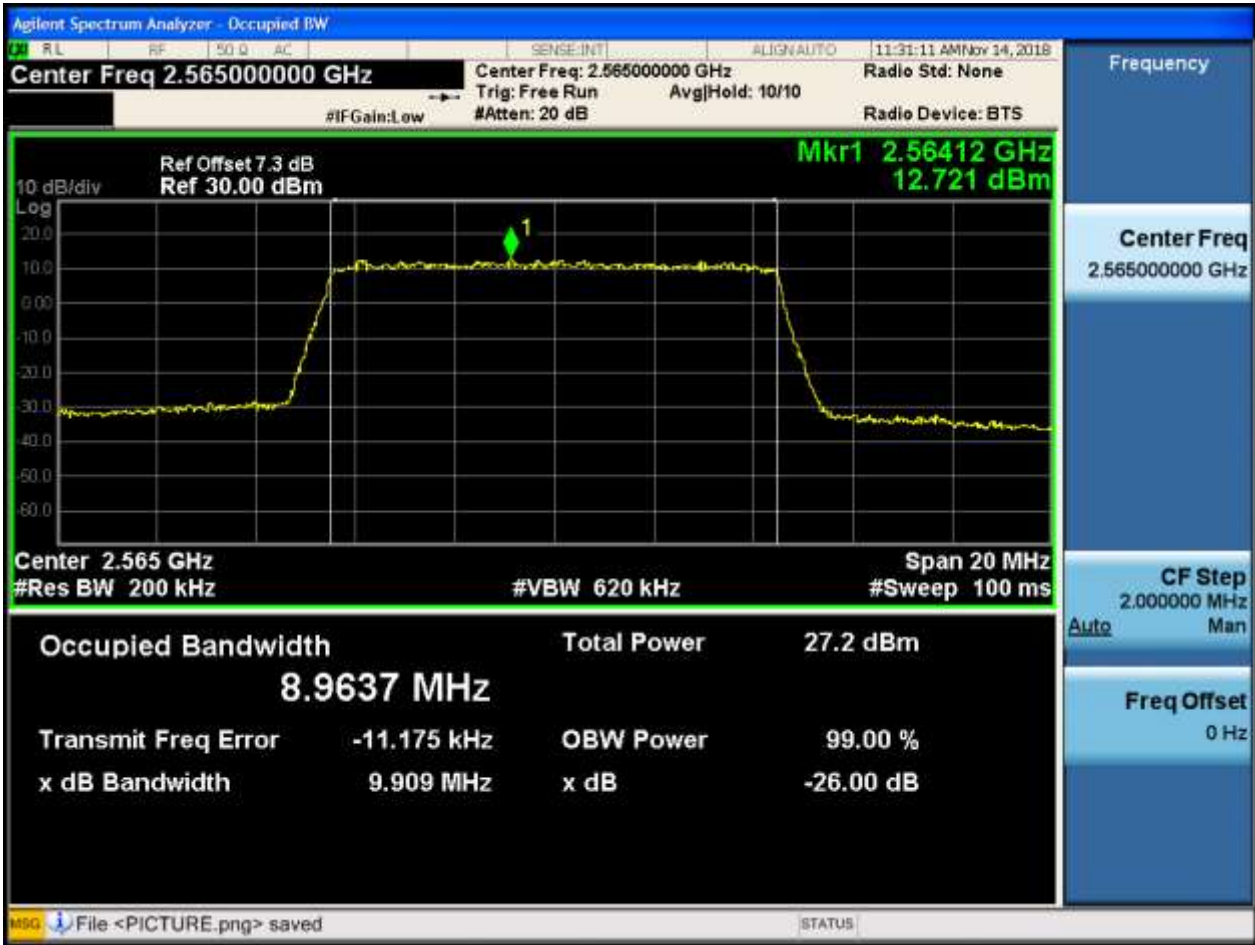
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB50#0



4.1.1.2.2.3 Test Channel = HCH

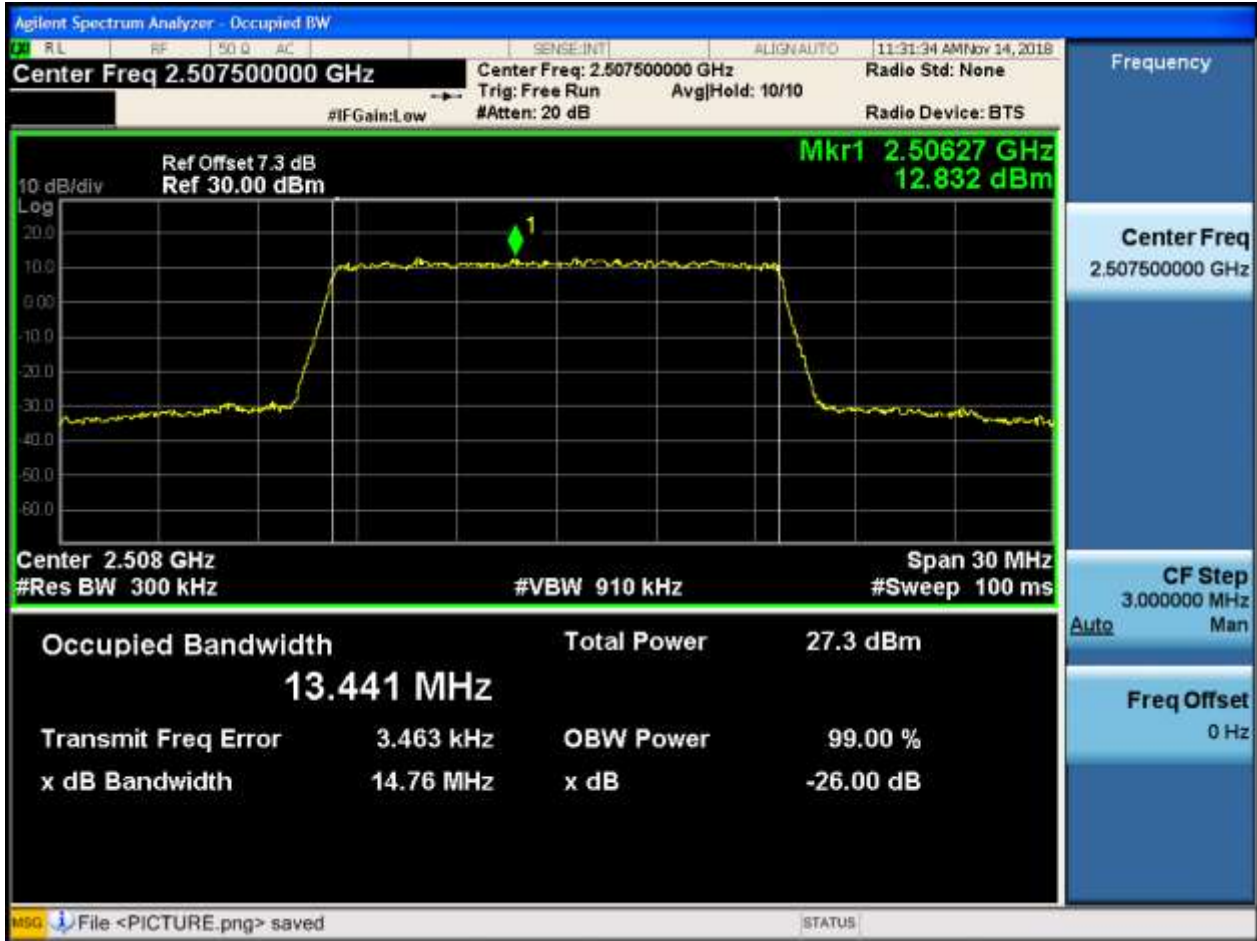
4.1.1.2.2.3.1 Test RB = RB50#0



4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0



4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0



4.1.1.2.4 Test Bandwidth = 20

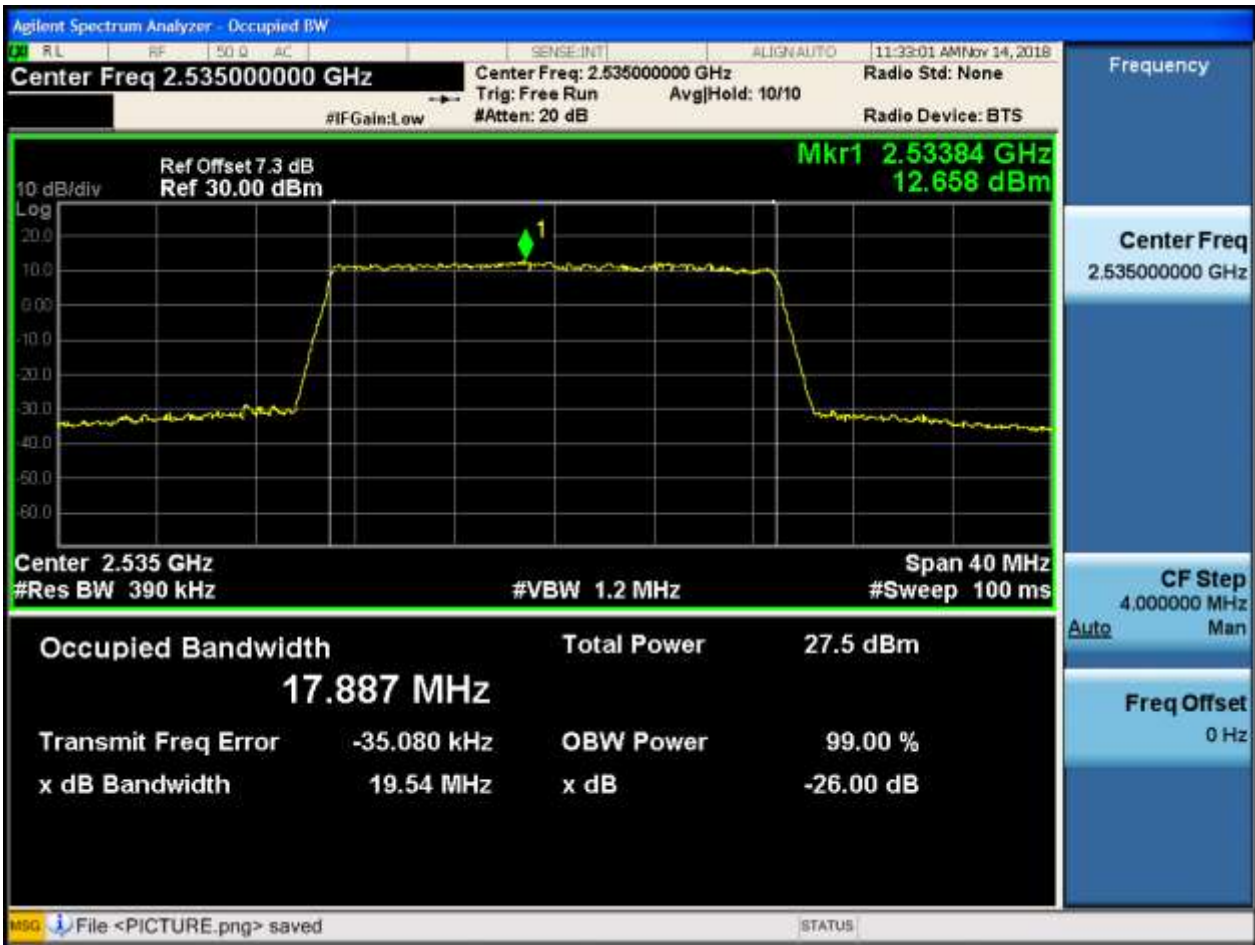
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0



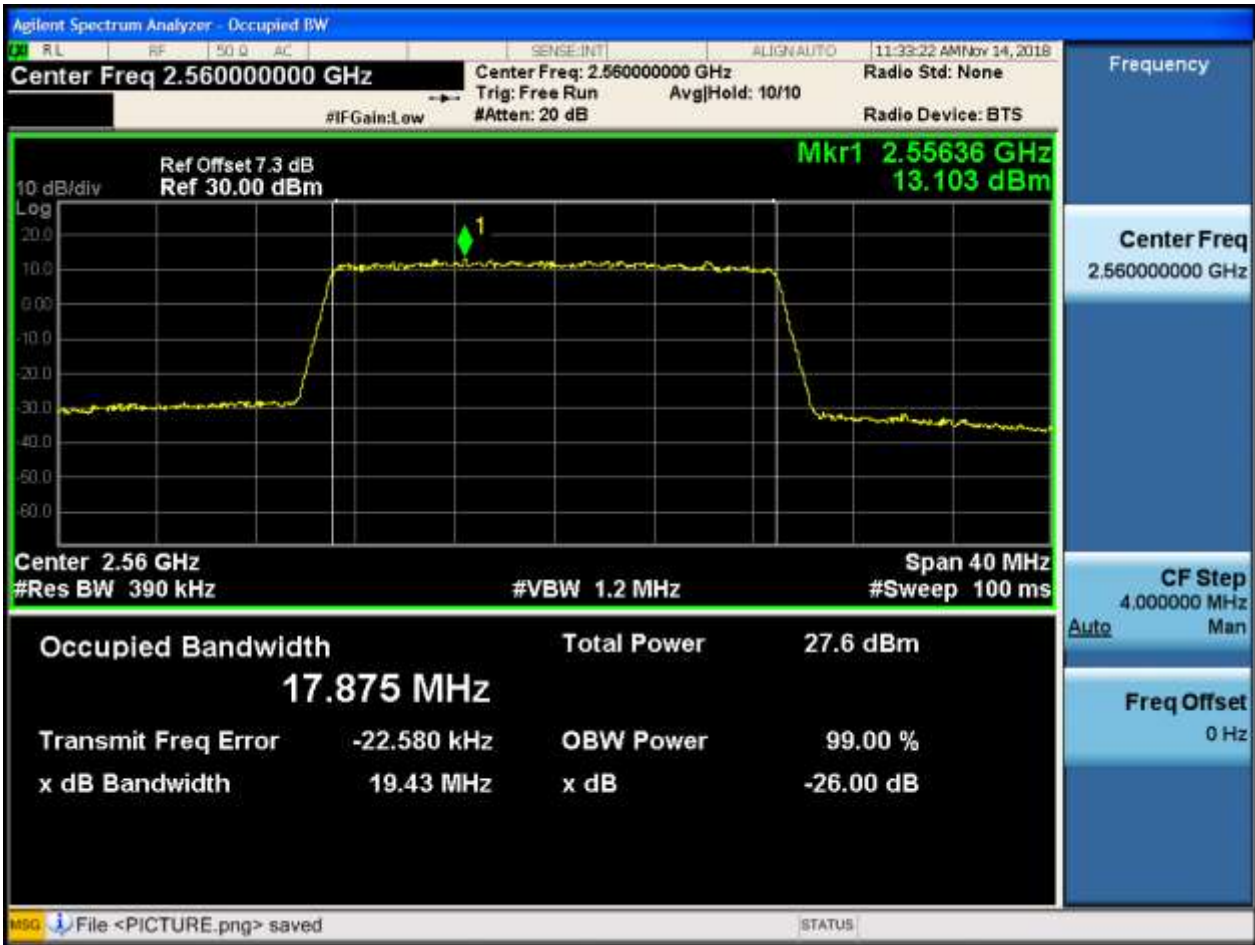
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB100#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB100#0



## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

##### 5.1.1 Test Band = BAND7

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

##### 5.1.1.1.1 Test Bandwidth = 5

##### 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#24



5.1.1.1.1.3 Test RB = RB12#6





5.1.1.1.1.4 Test RB = RB25#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#24



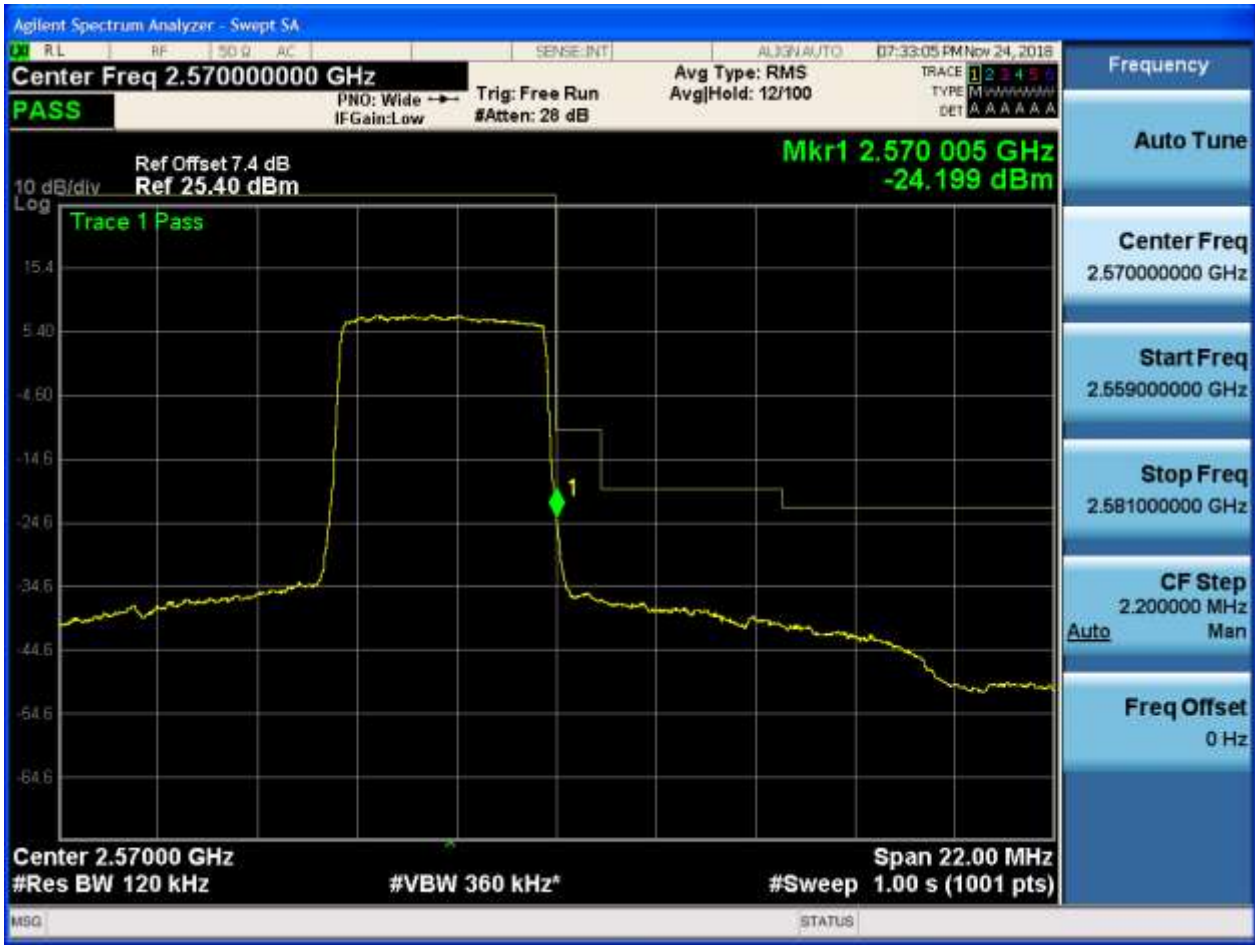


5.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.2.4 Test RB = RB25#0



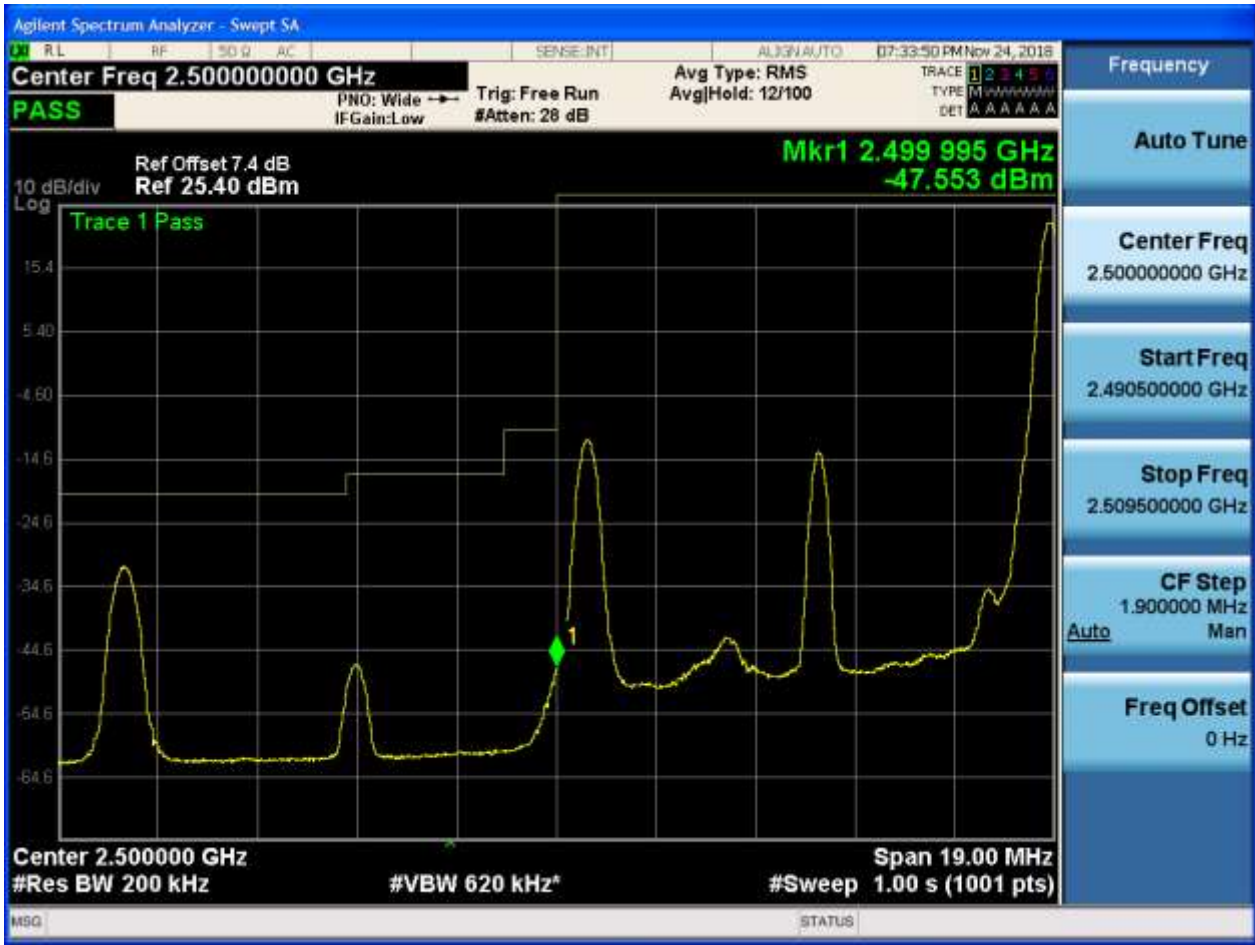
5.1.1.1.2 Test Bandwidth = 10

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#49





5.1.1.1.2.1.3 Test RB = RB25#13





5.1.1.1.2.1.4 Test RB = RB50#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 Test RB = RB1#49



5.1.1.1.2.2.3 Test RB = RB25#13





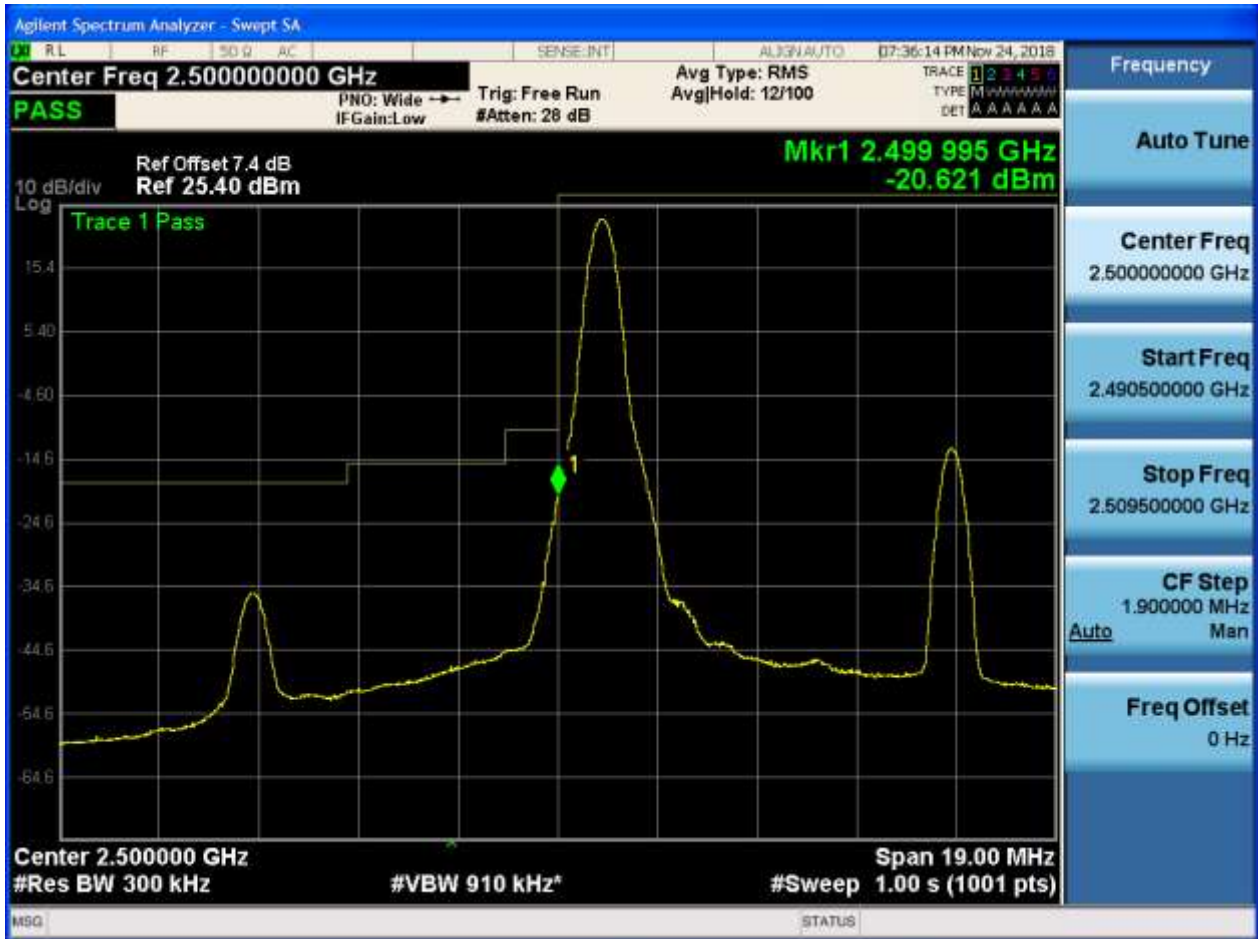
5.1.1.1.2.2.4 Test RB = RB50#0



## 5.1.1.1.3 Test Bandwidth = 15

## 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#74





5.1.1.1.3.1.3 Test RB = RB36#18





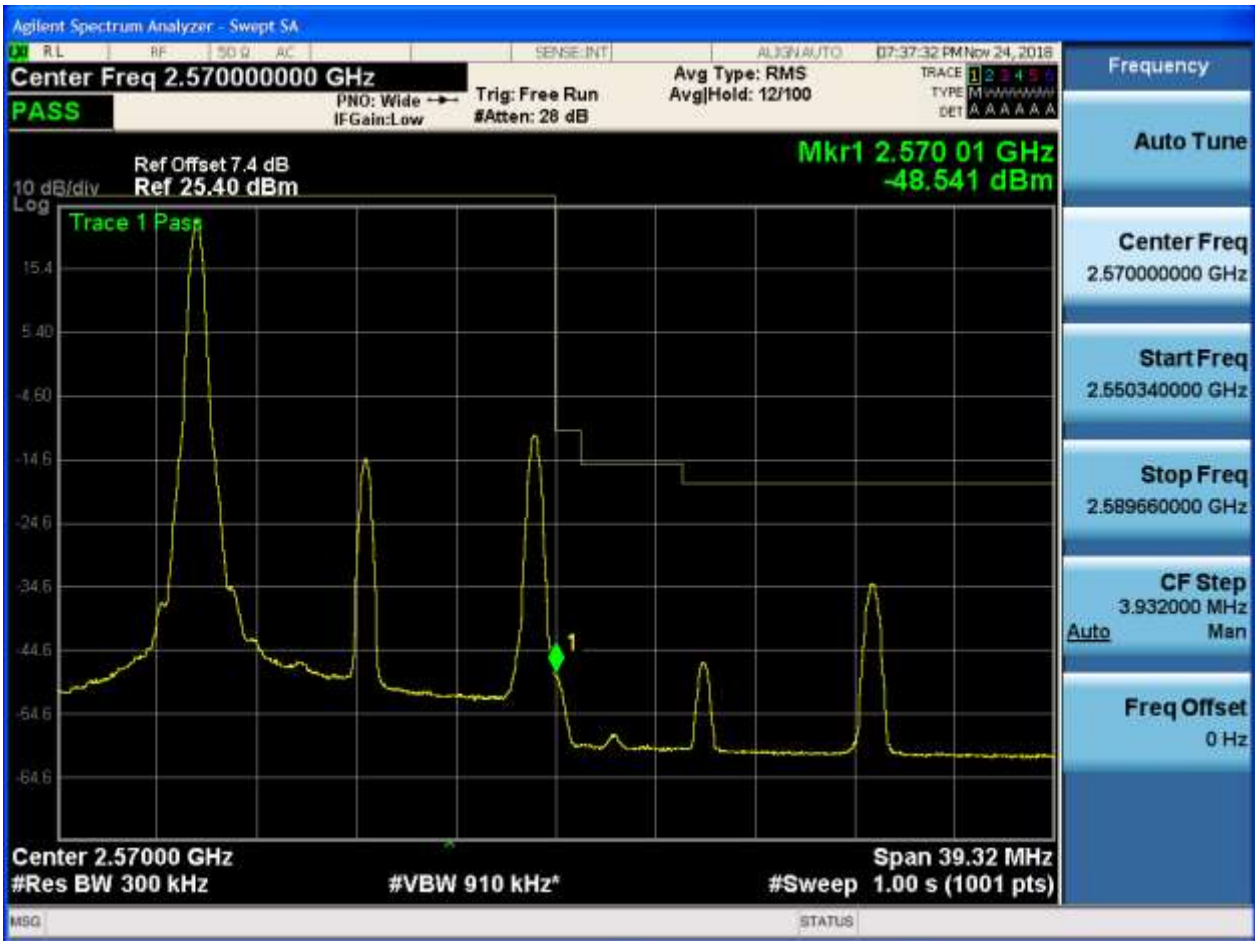
5.1.1.1.3.1.4 Test RB = RB75#0





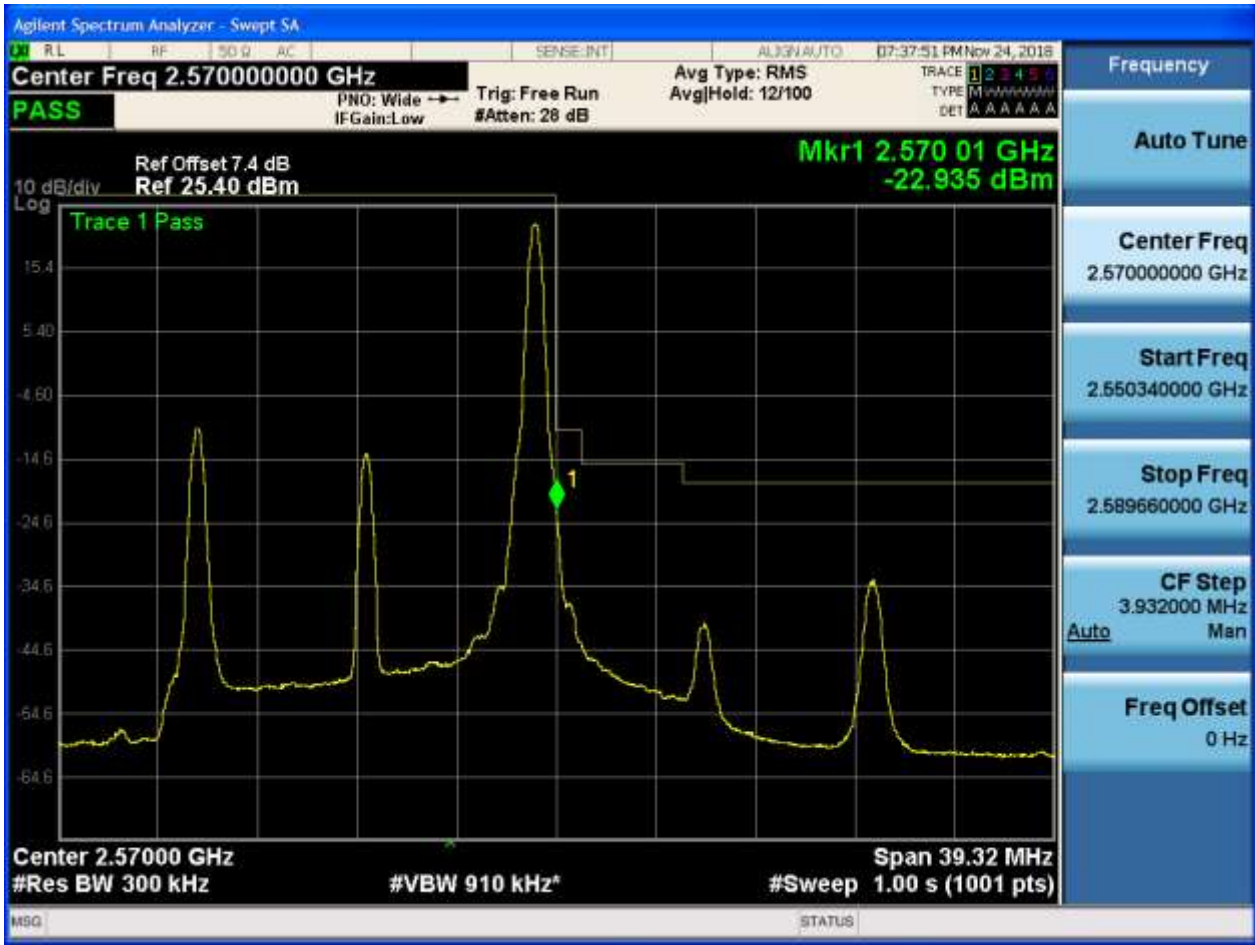
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#74





5.1.1.1.3.2.3 Test RB = RB36#18





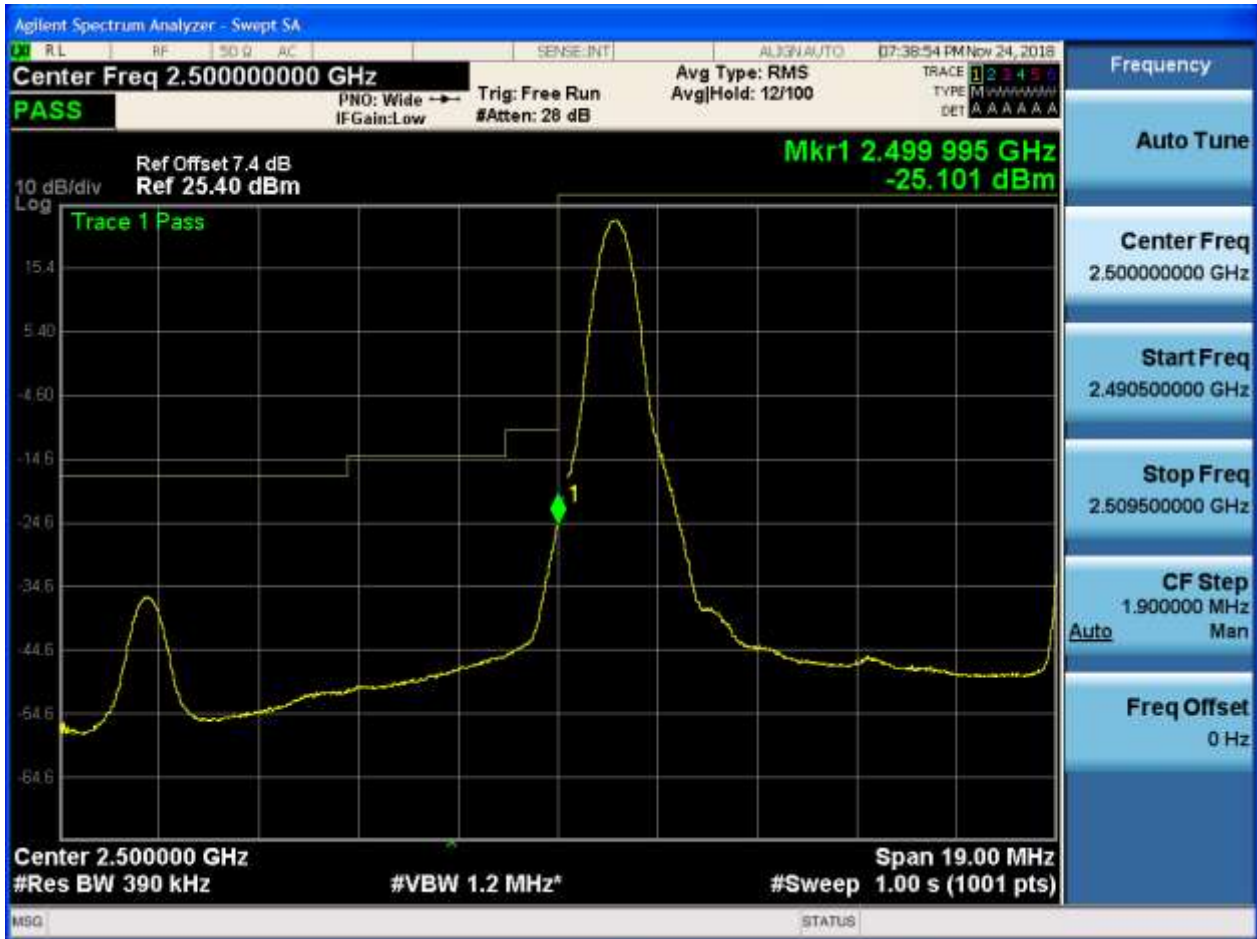
5.1.1.1.3.2.4 Test RB = RB75#0



5.1.1.1.4 Test Bandwidth = 20

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#99





5.1.1.1.4.1.3 Test RB = RB50#25





5.1.1.1.4.1.4 Test RB = RB100#0



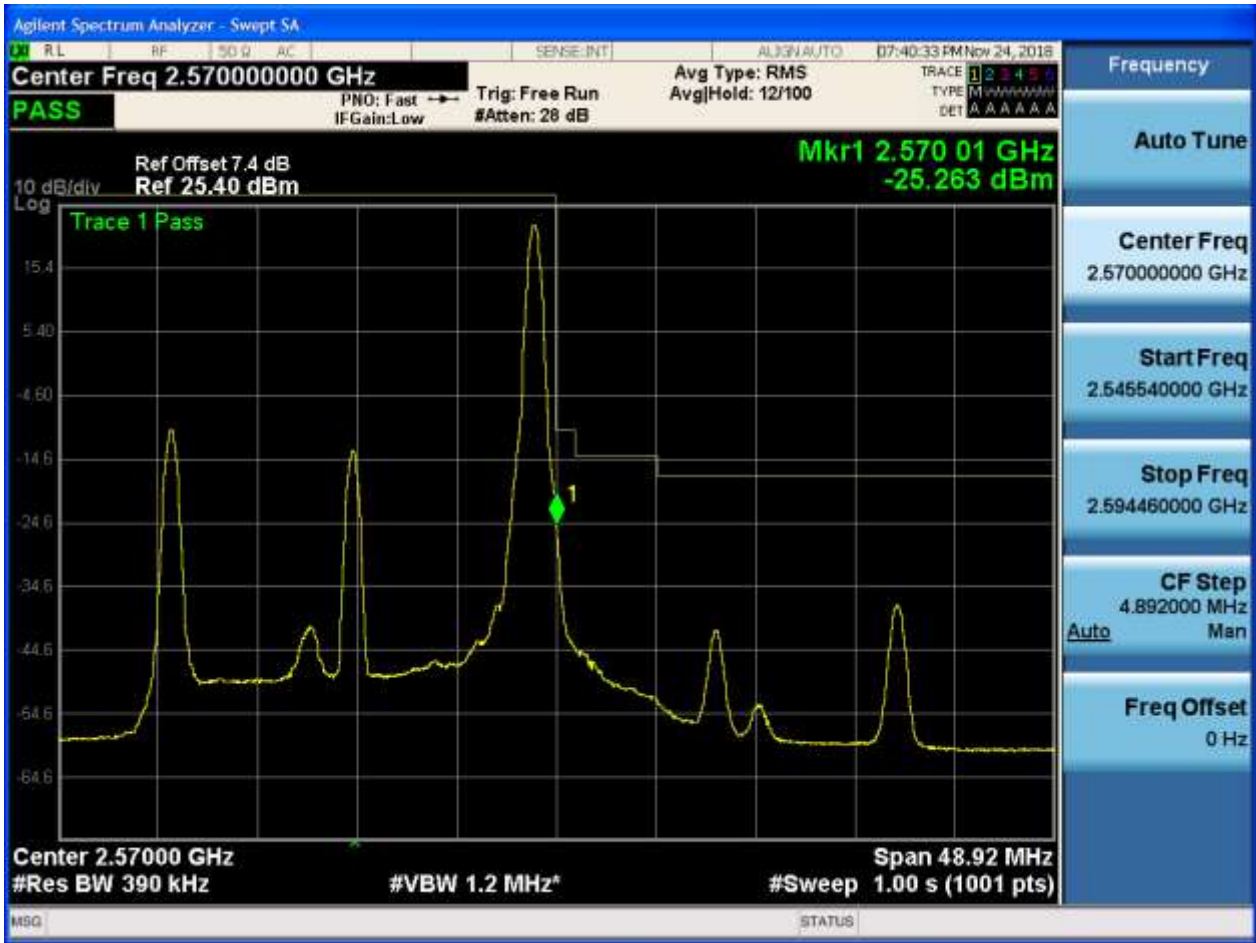


5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



## 5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25



## 5.1.1.1.4.2.4 Test RB = RB100#0

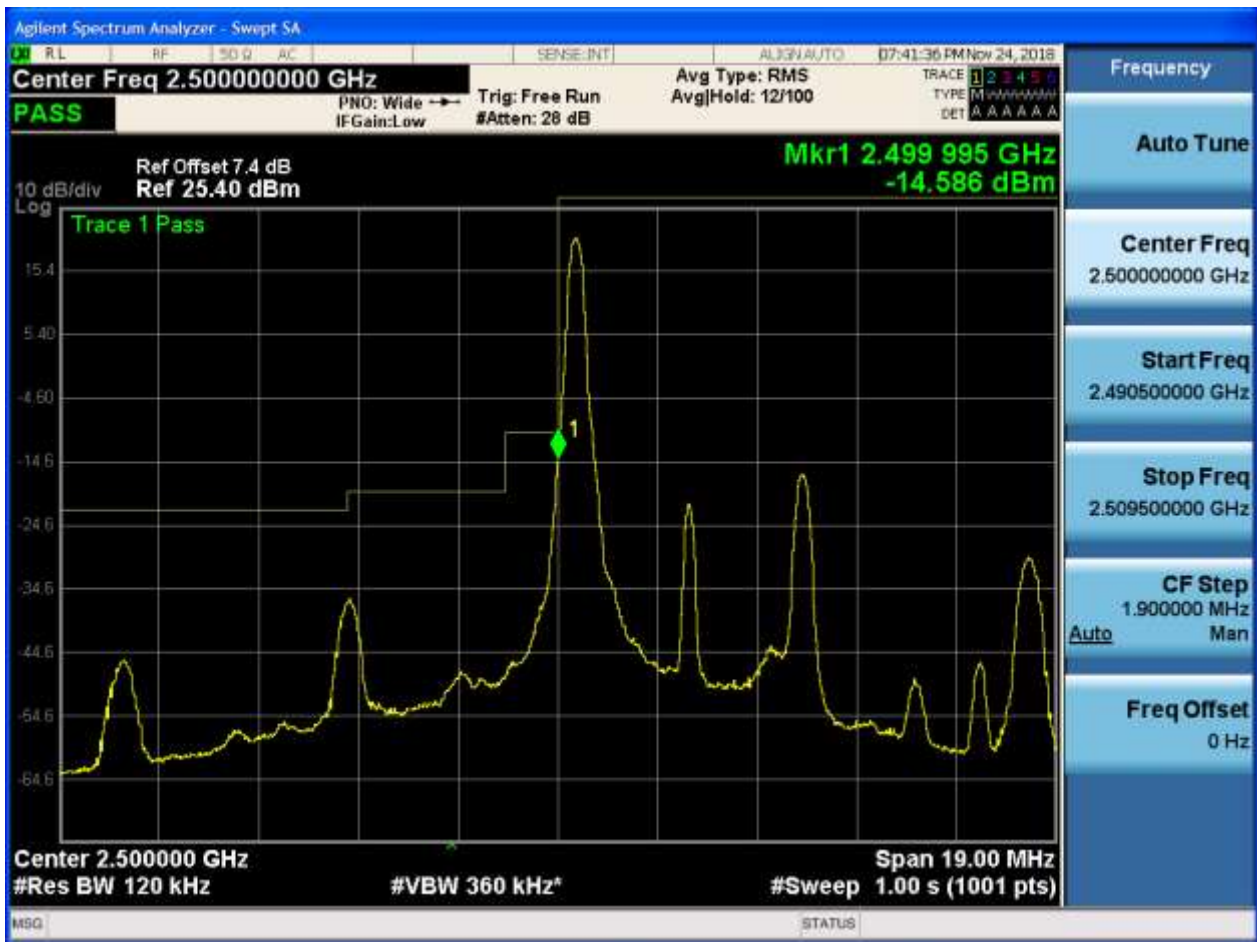


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6





5.1.1.2.1.1.4 Test RB = RB25#0





## 5.1.1.2.1.2 Test Channel = HCH

## 5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#24



## 5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0



5.1.1.2.2 Test Bandwidth = 10

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#49





5.1.1.2.2.1.3 Test RB = RB25#13





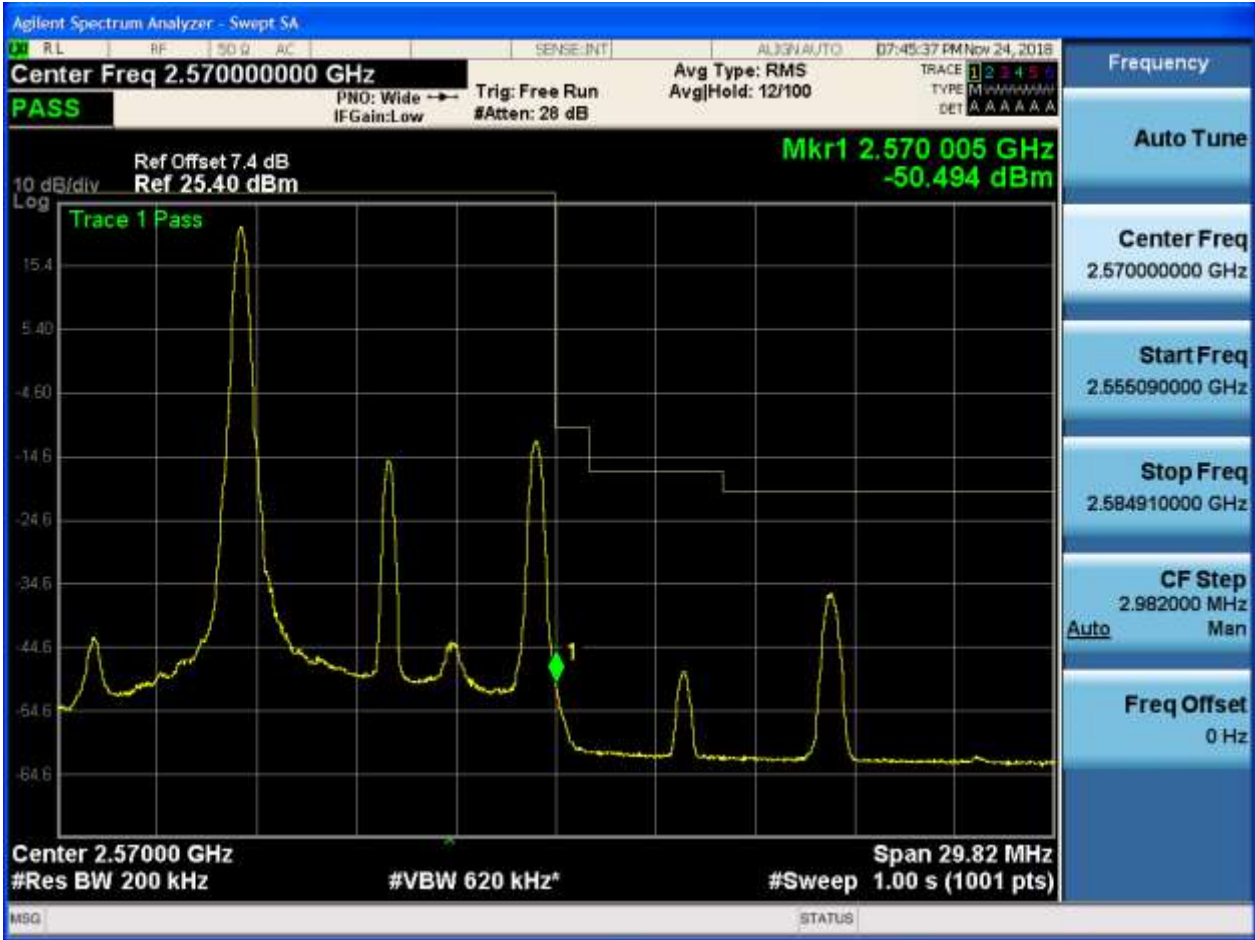
5.1.1.2.2.1.4 Test RB = RB50#0





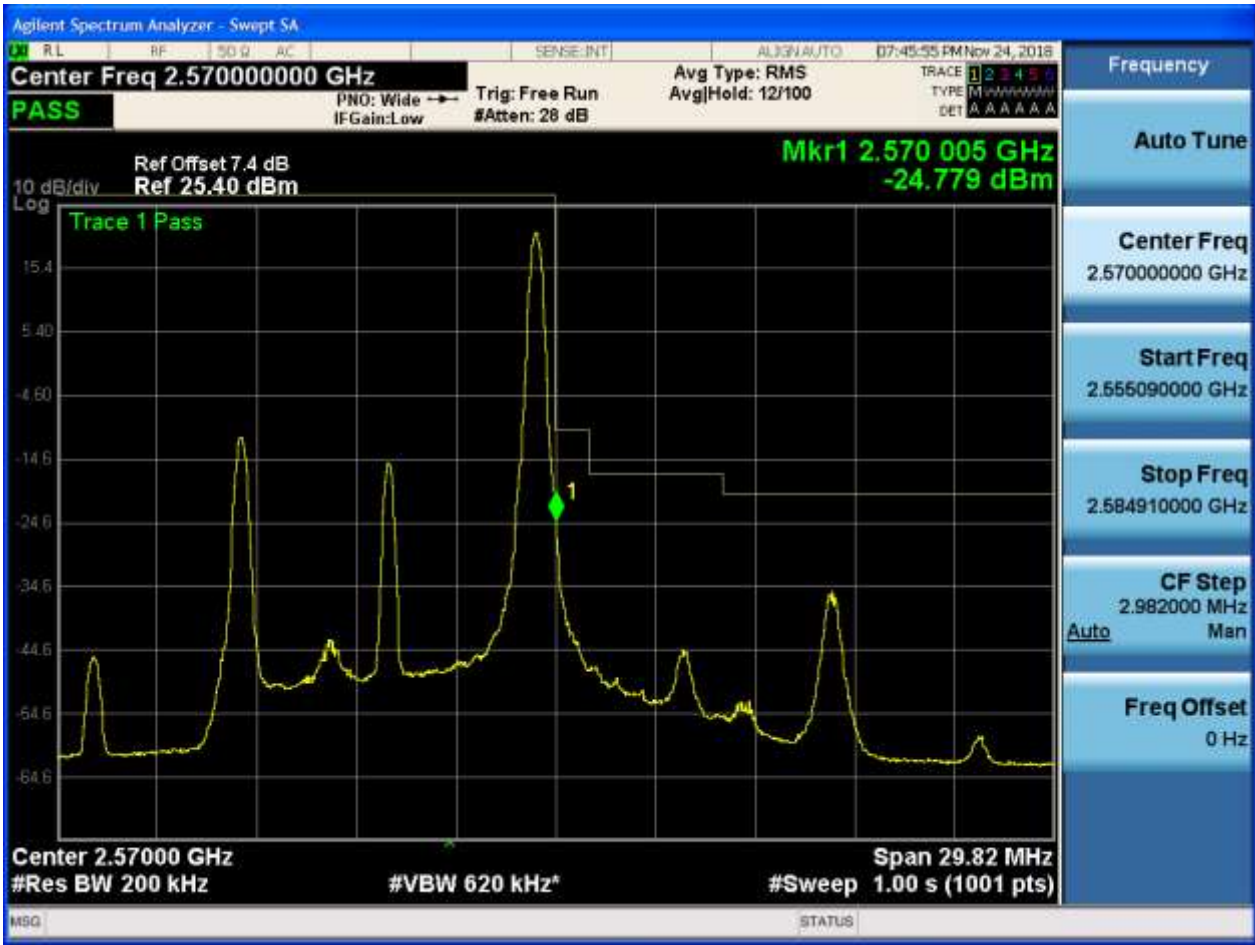
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#49



5.1.1.2.2.3 Test RB = RB25#13





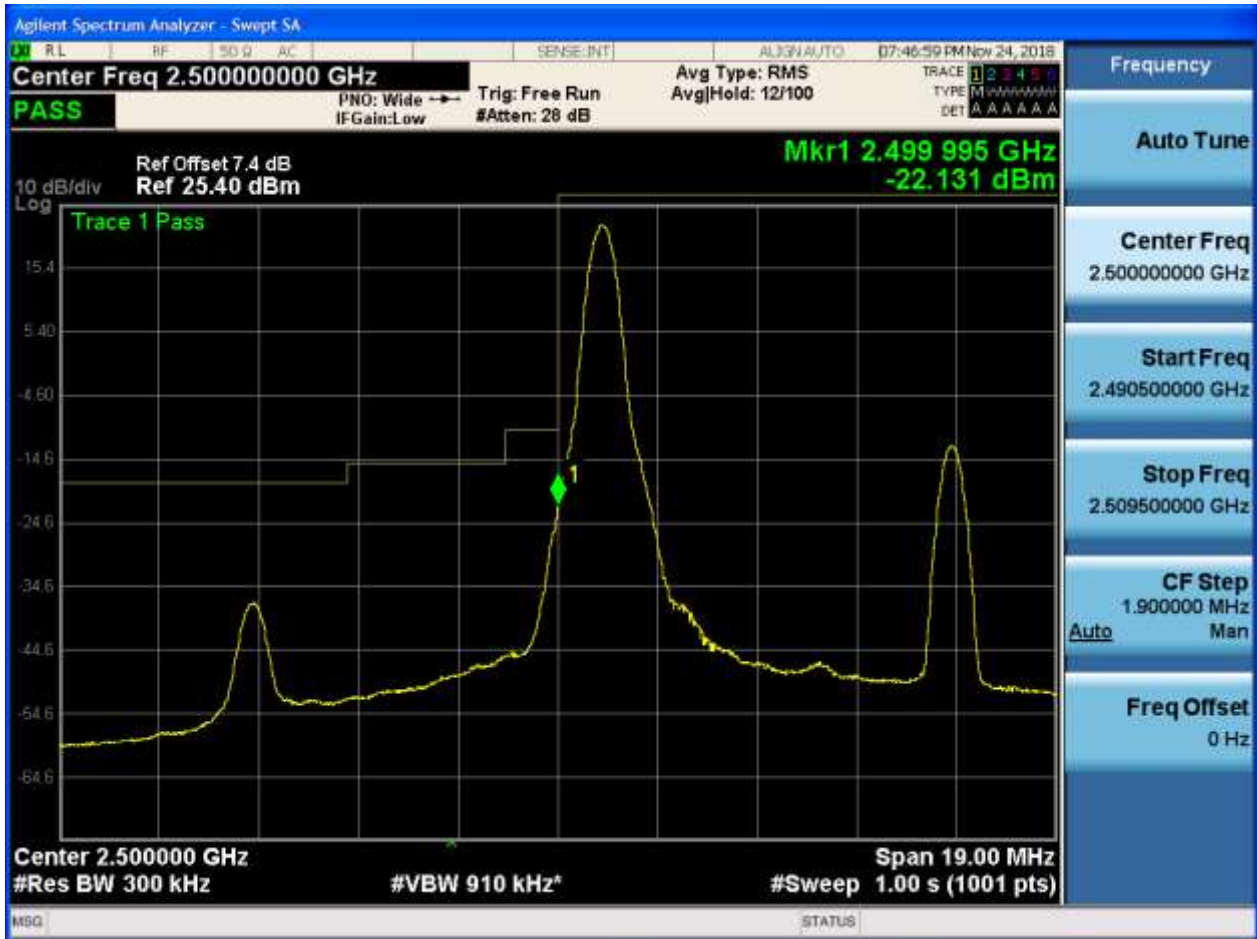
5.1.1.2.2.2.4 Test RB = RB50#0



5.1.1.2.3 Test Bandwidth = 15

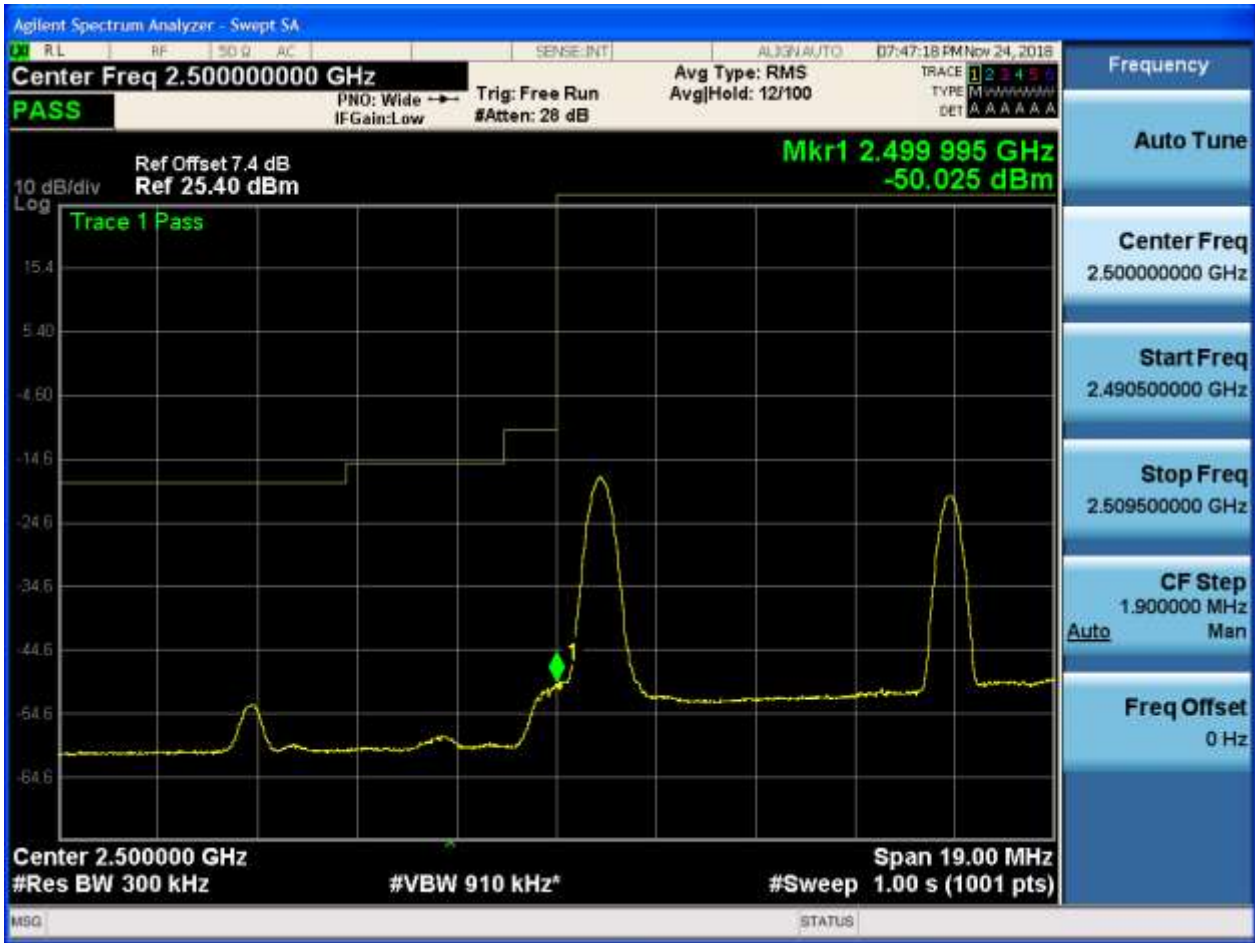
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#74





5.1.1.2.3.1.3 Test RB = RB36#18



5.1.1.2.3.1.4 Test RB = RB75#0





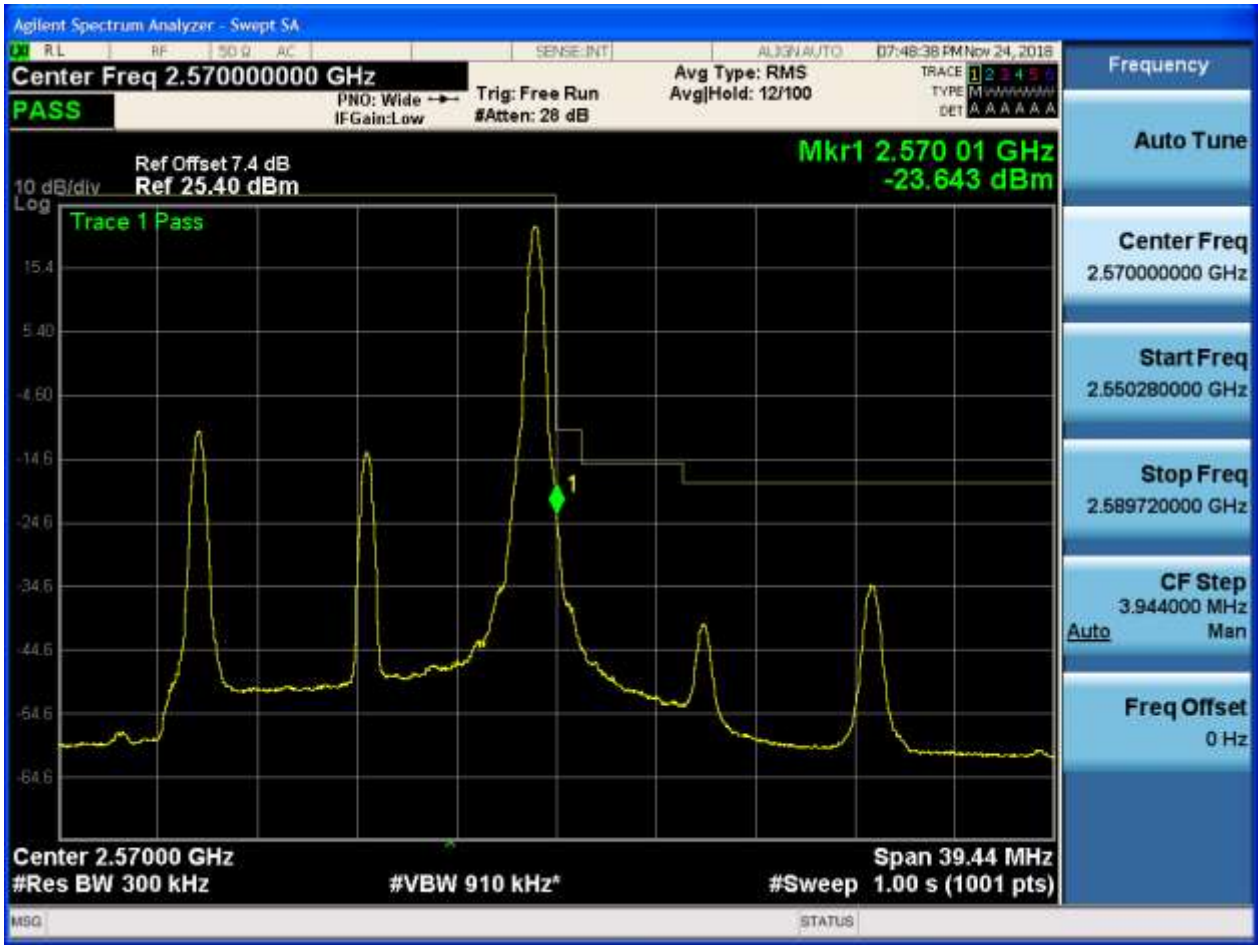
## 5.1.1.2.3.2 Test Channel = HCH

## 5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#74





5.1.1.2.3.2.3 Test RB = RB36#18





5.1.1.2.3.2.4 Test RB = RB75#0



5.1.1.2.4 Test Bandwidth = 20

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#99





5.1.1.2.4.1.3 Test RB = RB50#25





5.1.1.2.4.1.4 Test RB = RB100#0





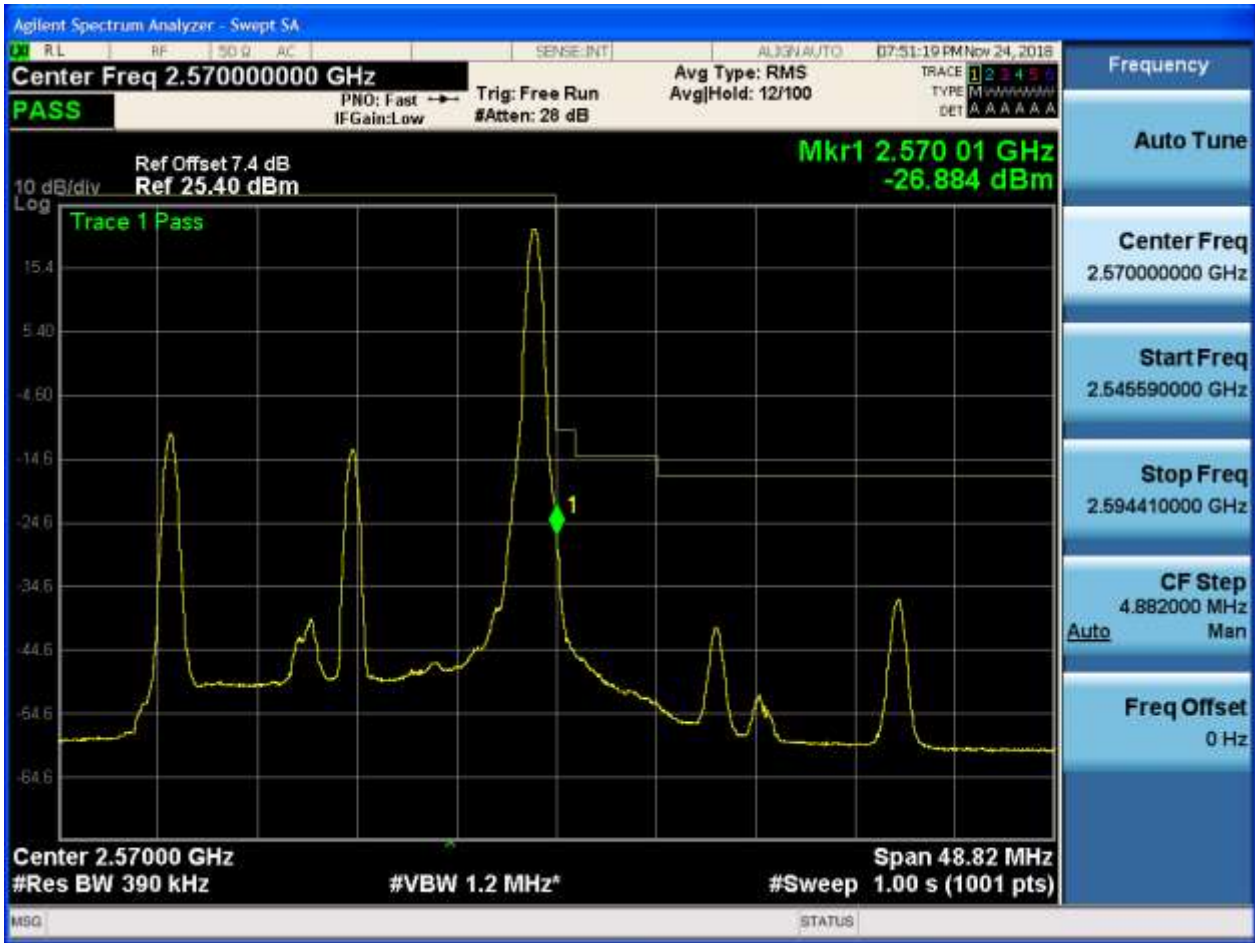
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





5.1.1.2.4.2.2 Test RB = RB1#99





5.1.1.2.4.2.3 Test RB = RB50#25



5.1.1.2.4.2.4 Test RB = RB100#0





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## 6Appendix\_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

### Part I - Test Plots

#### 6.1 For LTE

##### 6.1.1 Test Band = BAND7

##### 6.1.1.1 Test Mode = LTE/TM1

##### 6.1.1.1.1 Test Bandwidth = 5

##### 6.1.1.1.1.1 Test Channel = LCH

##### 6.1.1.1.1.1.1 Test RB = RB1#0









## 6.1.1.1.1.2 Test Channel = MCH

## 6.1.1.1.1.2.1 Test RB = RB1#0







## 6.1.1.1.1.3 Test Channel = HCH

## 6.1.1.1.1.3.1 Test RB = RB1#0







### 6.1.1.1.2 Test Bandwidth = 10

#### 6.1.1.1.2.1 Test Channel = LCH

##### 6.1.1.1.2.1.1 Test RB = RB1#0









## 6.1.1.1.2.2 Test Channel = MCH

## 6.1.1.1.2.2.1 Test RB = RB1#0



