



# 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	Limit [dBm]	Verdict
BAND7	LTE/TM1	5	LCH	RB1#0	21.22	21.38	33	PASS
				RB1#13	21.31	21.54	33	PASS
				RB1#24	21.19	21.32	33	PASS
				RB12#0	22.21	22.28	33	PASS
				RB12#6	22.3	22.42	33	PASS
				RB12#13	22.25	22.31	33	PASS
				RB25#0	22.29	22.44	33	PASS
			MCH	RB1#0	21.13	21.29	33	PASS
				RB1#13	21.29	21.37	33	PASS
				RB1#24	21.13	21.36	33	PASS
				RB12#0	22.22	22.43	33	PASS
				RB12#6	22.28	22.51	33	PASS
				RB12#13	22.2	22.32	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB25#0	22.2	22.42	33	PASS
			HCH	RB1#0	21.16	21.34	33	PASS
				RB1#13	21.34	21.61	33	PASS
				RB1#24	21.21	21.34	33	PASS
				RB12#0	22.27	22.33	33	PASS
				RB12#6	22.35	22.50	33	PASS
				RB12#13	22.29	22.38	33	PASS
				RB25#0	22.28	22.45	33	PASS
		10		LCH	RB1#0	21.19	21.45	33
			RB1#25		21.38	21.66	33	PASS
			RB1#49		21.23	21.44	33	PASS
			RB25#0		22.28	22.41	33	PASS
			RB25#13		22.3	22.35	33	PASS
			RB25#25		22.33	22.51	33	PASS
			RB50#0		22.24	22.32	33	PASS
			MCH	RB1#0	21.13	21.28	33	PASS
				RB1#25	21.25	21.36	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB1#49	21.21	21.31	33	PASS
				RB25#0	22.26	22.42	33	PASS
				RB25#13	22.26	22.37	33	PASS
				RB25#25	22.29	22.54	33	PASS
				RB50#0	22.3	22.60	33	PASS
			HCH	RB1#0	21.2	21.34	33	PASS
			HCH	RB1#25	21.49	21.58	33	PASS
			HCH	RB1#49	21.3	21.61	33	PASS
			HCH	RB25#0	22.31	22.59	33	PASS
			HCH	RB25#13	22.31	22.64	33	PASS
			HCH	RB25#25	22.34	22.56	33	PASS
			HCH	RB50#0	22.35	22.53	33	PASS
		15	LCH	RB1#0	21.13	21.37	33	PASS
		15	LCH	RB1#38	21.22	21.37	33	PASS
		15	LCH	RB1#74	21.07	21.22	33	PASS
		15	LCH	RB36#0	22.3	22.46	33	PASS
		15	LCH	RB36#18	22.3	22.57	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict			
				RB36#39	22.31	22.44	33	PASS			
				RB75#0	22.29	22.43	33	PASS			
			MCH	RB1#0	21.1	21.40	33	PASS			
				RB1#38	21.26	21.47	33	PASS			
				RB1#74	21.16	21.27	33	PASS			
				RB36#0	22.28	22.61	33	PASS			
				RB36#18	22.3	22.53	33	PASS			
				RB36#39	22.32	22.52	33	PASS			
				RB75#0	22.32	22.66	33	PASS			
			HCH	RB1#0	21.17	21.35	33	PASS			
				RB1#38	21.33	21.41	33	PASS			
				RB1#74	21.25	21.47	33	PASS			
				RB36#0	22.3	22.43	33	PASS			
				RB36#18	22.32	22.47	33	PASS			
				RB36#39	22.29	22.50	33	PASS			
							RB75#0	22.3	22.35	33	PASS
					20	LCH	RB1#0	20.97	21.07	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB1#50	21.39	21.66	33	PASS
				RB1#99	20.98	21.29	33	PASS
				RB50#0	22.14	22.35	33	PASS
				RB50#25	22.27	22.61	33	PASS
				RB50#50	22.25	22.40	33	PASS
				RB100#0	22.18	22.27	33	PASS
			MCH	RB1#0	20.92	21.18	33	PASS
			MCH	RB1#50	21.31	21.40	33	PASS
			MCH	RB1#99	21.04	21.21	33	PASS
			MCH	RB50#0	22.21	22.27	33	PASS
			MCH	RB50#25	22.23	22.47	33	PASS
			MCH	RB50#50	22.19	22.41	33	PASS
			MCH	RB100#0	22.23	22.52	33	PASS
			HCH	RB1#0	20.9	21.19	33	PASS
			HCH	RB1#50	21.37	21.45	33	PASS
			HCH	RB1#99	21.03	21.35	33	PASS
			HCH	RB50#0	22.22	22.54	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict	
				RB50#25	22.27	22.51	33	PASS	
				RB50#50	22.23	22.52	33	PASS	
				RB100#0	22.23	22.30	33	PASS	
	LTE/TM2	5		LCH	RB1#0	20.37	20.71	33	PASS
					RB1#13	20.49	20.82	33	PASS
					RB1#24	20.36	20.66	33	PASS
					RB12#0	21.22	21.38	33	PASS
					RB12#6	21.33	21.41	33	PASS
					RB12#13	21.27	21.43	33	PASS
				MCH	RB25#0	21.23	21.36	33	PASS
					RB1#0	20.18	20.25	33	PASS
					RB1#13	20.33	20.43	33	PASS
					RB1#24	20.18	20.25	33	PASS
					RB12#0	21.18	21.28	33	PASS
					RB12#6	21.23	21.29	33	PASS
				RB12#13	21.16	21.42	33	PASS	
				RB25#0	21.21	21.33	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
			HCH	RB1#0	20.67	20.73	33	PASS
				RB1#13	20.86	21.16	33	PASS
				RB1#24	20.73	21.04	33	PASS
				RB12#0	21.35	21.65	33	PASS
				RB12#6	21.4	21.65	33	PASS
				RB12#13	21.32	21.64	33	PASS
				RB25#0	21.31	21.65	33	PASS
		10	LCH	RB1#0	20.53	20.62	33	PASS
				RB1#25	20.75	20.98	33	PASS
				RB1#49	20.59	20.90	33	PASS
				RB25#0	21.28	21.53	33	PASS
				RB25#13	21.28	21.60	33	PASS
				RB25#25	21.3	21.43	33	PASS
				RB50#0	21.31	21.42	33	PASS
				MCH	RB1#0	20.33	20.62	33
RB1#25	20.54	20.86	33		PASS			
RB1#49	20.39	20.70	33		PASS			





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB25#0	21.22	21.29	33	PASS
				RB25#13	21.26	21.33	33	PASS
				RB25#25	21.28	21.59	33	PASS
				RB50#0	21.3	21.51	33	PASS
			HCH	RB1#0	20.59	20.79	33	PASS
			HCH	RB1#25	20.75	20.94	33	PASS
			HCH	RB1#49	20.63	20.69	33	PASS
			HCH	RB25#0	21.31	21.64	33	PASS
			HCH	RB25#13	21.35	21.52	33	PASS
			HCH	RB25#25	21.28	21.45	33	PASS
			HCH	RB50#0	21.34	21.65	33	PASS
		15	LCH	RB1#0	20.43	20.61	33	PASS
		15	LCH	RB1#38	20.59	20.76	33	PASS
		15	LCH	RB1#74	20.52	20.85	33	PASS
		15	LCH	RB36#0	21.28	21.34	33	PASS
		15	LCH	RB36#18	21.33	21.48	33	PASS
		15	LCH	RB36#39	21.38	21.48	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB75#0	21.32	21.45	33	PASS
			MCH	RB1#0	20.2	20.47	33	PASS
				RB1#38	20.33	20.61	33	PASS
				RB1#74	20.31	20.44	33	PASS
				RB36#0	21.18	21.31	33	PASS
				RB36#18	21.2	21.46	33	PASS
				RB36#39	21.28	21.41	33	PASS
				RB75#0	21.29	21.46	33	PASS
				HCH	RB1#0	20.21	20.48	33
			RB1#38		20.36	20.47	33	PASS
			RB1#74		20.31	20.43	33	PASS
			RB36#0		21.3	21.46	33	PASS
			RB36#18		21.35	21.61	33	PASS
			RB36#39		21.34	21.53	33	PASS
			RB75#0		21.34	21.66	33	PASS
		20	LCH	RB1#0	20.44	20.71	33	PASS
				RB1#50	20.89	21.12	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB1#99	20.52	20.62	33	PASS
				RB50#0	21.15	21.46	33	PASS
				RB50#25	21.25	21.56	33	PASS
				RB50#50	21.22	21.57	33	PASS
				RB100#0	21.23	21.34	33	PASS
			MCH	RB1#0	20.14	20.23	33	PASS
			MCH	RB1#50	20.56	20.81	33	PASS
			MCH	RB1#99	20.3	20.44	33	PASS
			MCH	RB50#0	21.15	21.34	33	PASS
			MCH	RB50#25	21.24	21.29	33	PASS
			MCH	RB50#50	21.24	21.49	33	PASS
			MCH	RB100#0	21.22	21.28	33	PASS
			HCH	RB1#0	20.08	20.23	33	PASS
			HCH	RB1#50	20.52	20.70	33	PASS
			HCH	RB1#99	20.23	20.51	33	PASS
			HCH	RB50#0	21.2	21.45	33	PASS
			HCH	RB50#25	21.28	21.63	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB50#50	21.21	21.54	33	PASS
				RB100#0	21.21	21.31	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:

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

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

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

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
BAND7	LTE/TM1	5	LCH	RB1#0	4.48	13	PASS
				RB1#13	4.52	13	PASS
				RB1#24	4.58	13	PASS
				RB12#0	5.37	13	PASS
				RB12#6	5.31	13	PASS
				RB12#13	5.43	13	PASS
				RB25#0	5.44	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#13	4.7	13	PASS
				RB1#24	4.74	13	PASS
				RB12#0	5.51	13	PASS
				RB12#6	5.43	13	PASS
				RB12#13	5.6	13	PASS
				RB25#0	5.92	13	PASS
		HCH	RB1#0	5.38	13	PASS	
			RB1#13	5.38	13	PASS	
			RB1#24	5.44	13	PASS	
			RB12#0	5.76	13	PASS	
			RB12#6	5.69	13	PASS	
			RB12#13	5.73	13	PASS	
			RB25#0	5.86	13	PASS	
		10	LCH	RB1#0	4.7	13	PASS
				RB1#25	4.66	13	PASS
				RB1#49	4.81	13	PASS
				RB25#0	5.55	13	PASS
				RB25#13	5.59	13	PASS
				RB25#25	5.67	13	PASS
				RB50#0	6	13	PASS
MCH	RB1#0		4.42	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#25	4.42	13	PASS			
				RB1#49	4.62	13	PASS			
				RB25#0	5.69	13	PASS			
				RB25#13	5.66	13	PASS			
				RB25#25	5.83	13	PASS			
				RB50#0	6.11	13	PASS			
			HCH	RB1#0	5.24	13	PASS			
				RB1#25	5.23	13	PASS			
				RB1#49	5.42	13	PASS			
				RB25#0	5.9	13	PASS			
				RB25#13	5.9	13	PASS			
				RB25#25	5.94	13	PASS			
				LCH	15		RB1#0	4.67	13	PASS
							RB1#38	4.77	13	PASS
		RB1#74					4.83	13	PASS	
		RB36#0					5.8	13	PASS	
		RB36#18					5.85	13	PASS	
		RB36#39					5.93	13	PASS	
		MCH		RB75#0		6.47	13	PASS		
				RB1#0		4.64	13	PASS		
				RB1#38		4.77	13	PASS		
				RB1#74		4.92	13	PASS		
				RB36#0		5.56	13	PASS		
				RB36#18		5.48	13	PASS		
		HCH		RB36#39		5.67	13	PASS		
				RB75#0		6.3	13	PASS		
			RB1#0	5.26	13	PASS				
			RB1#38	5.28	13	PASS				
			RB1#74	5.39	13	PASS				
			RB36#0	5.94	13	PASS				
		LCH	RB36#18	5.86	13	PASS				
			RB36#39	5.9	13	PASS				
RB75#0	6.45		13	PASS						
RB1#0	5.18		13	PASS						
	20		LCH	RB1#50	5.23	13	PASS			
				RB1#99	5.34	13	PASS			
				RB50#0	6.04	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB50#25	6.03	13	PASS			
				RB50#50	6.09	13	PASS			
				RB100#0	6.03	13	PASS			
			MCH	RB1#0	5.03	13	PASS			
				RB1#50	5.01	13	PASS			
				RB1#99	5.37	13	PASS			
				RB50#0	5.69	13	PASS			
				RB50#25	5.72	13	PASS			
				RB50#50	5.92	13	PASS			
				RB100#0	6.26	13	PASS			
				HCH	RB1#0	5.28	13	PASS		
					RB1#50	5.15	13	PASS		
			RB1#99		5.46	13	PASS			
			RB50#0		5.93	13	PASS			
			RB50#25		5.95	13	PASS			
			RB50#50		5.92	13	PASS			
						LCH	RB1#0	5.91	13	PASS
							RB1#13	5.97	13	PASS
	RB1#24	6.03					13	PASS		
	RB12#0	6.35					13	PASS		
	RB12#6	6.28					13	PASS		
	RB12#13	6.41					13	PASS		
	MCH	RB25#0				6.49	13	PASS		
		RB1#0				5.61	13	PASS		
		RB1#13				5.68	13	PASS		
		RB1#24				5.71	13	PASS		
		RB12#0				6.09	13	PASS		
		RB12#6				5.99	13	PASS		
	HCH	RB12#13	6.12	13	PASS					
		RB25#0	6.88	13	PASS					
RB1#0		4.93	13	PASS						
RB1#13		4.98	13	PASS						
RB1#24		5.03	13	PASS						
RB12#0		6.28	13	PASS						
				RB12#6	6.25	13	PASS			
				RB12#13	6.29	13	PASS			
				RB25#0	6.88	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	6.17	13	PASS
				RB1#25	6.18	13	PASS
				RB1#49	6.33	13	PASS
				RB25#0	6.99	13	PASS
				RB25#13	6.97	13	PASS
				RB25#25	7.14	13	PASS
				RB50#0	7.18	13	PASS
			MCH	RB1#0	5.5	13	PASS
				RB1#25	5.55	13	PASS
				RB1#49	5.73	13	PASS
				RB25#0	6.73	13	PASS
				RB25#13	6.73	13	PASS
				RB25#25	6.91	13	PASS
				RB50#0	6.81	13	PASS
			HCH	RB1#0	5.8	13	PASS
				RB1#25	5.79	13	PASS
				RB1#49	5.98	13	PASS
				RB25#0	6.68	13	PASS
		RB25#13		6.68	13	PASS	
		RB25#25		6.74	13	PASS	
		RB50#0		6.8	13	PASS	
		15	LCH	RB1#0	6.17	13	PASS
				RB1#38	6.3	13	PASS
				RB1#74	6.35	13	PASS
RB36#0	6.95			13	PASS		
RB36#18	7.02			13	PASS		
RB36#39	7.1			13	PASS		
MCH	RB75#0		7.07	13	PASS		
	RB1#0		6.32	13	PASS		
	RB1#38		6.45	13	PASS		
	RB1#74		6.61	13	PASS		
	RB36#0		6.69	13	PASS		
	RB36#18		6.7	13	PASS		
HCH	RB36#39	6.87	13	PASS			
	RB75#0	6.87	13	PASS			
	RB1#0	5.77	13	PASS			
	RB1#38	5.81	13	PASS			
				RB1#74	5.96	13	PASS





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB36#0	6.91	13	PASS	
				RB36#18	6.89	13	PASS	
				RB36#39	6.98	13	PASS	
				RB75#0	6.82	13	PASS	
		20	LCH	RB1#0	4.76	13	PASS	
				RB1#50	4.78	13	PASS	
				RB1#99	4.86	13	PASS	
				RB50#0	7.06	13	PASS	
				RB50#25	6.96	13	PASS	
				RB50#50	7.04	13	PASS	
				RB100#0	6.88	13	PASS	
				MCH	RB1#0	5.62	13	PASS
					RB1#50	5.62	13	PASS
					RB1#99	5.97	13	PASS
			RB50#0		6.64	13	PASS	
			RB50#25		6.7	13	PASS	
			RB50#50		6.9	13	PASS	
			RB100#0		6.89	13	PASS	
			HCH	RB1#0	6.76	13	PASS	
				RB1#50	6.52	13	PASS	
				RB1#99	6.82	13	PASS	
				RB50#0	7	13	PASS	
				RB50#25	7.02	13	PASS	
				RB50#50	7.02	13	PASS	
		RB100#0		7.07	13	PASS		

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

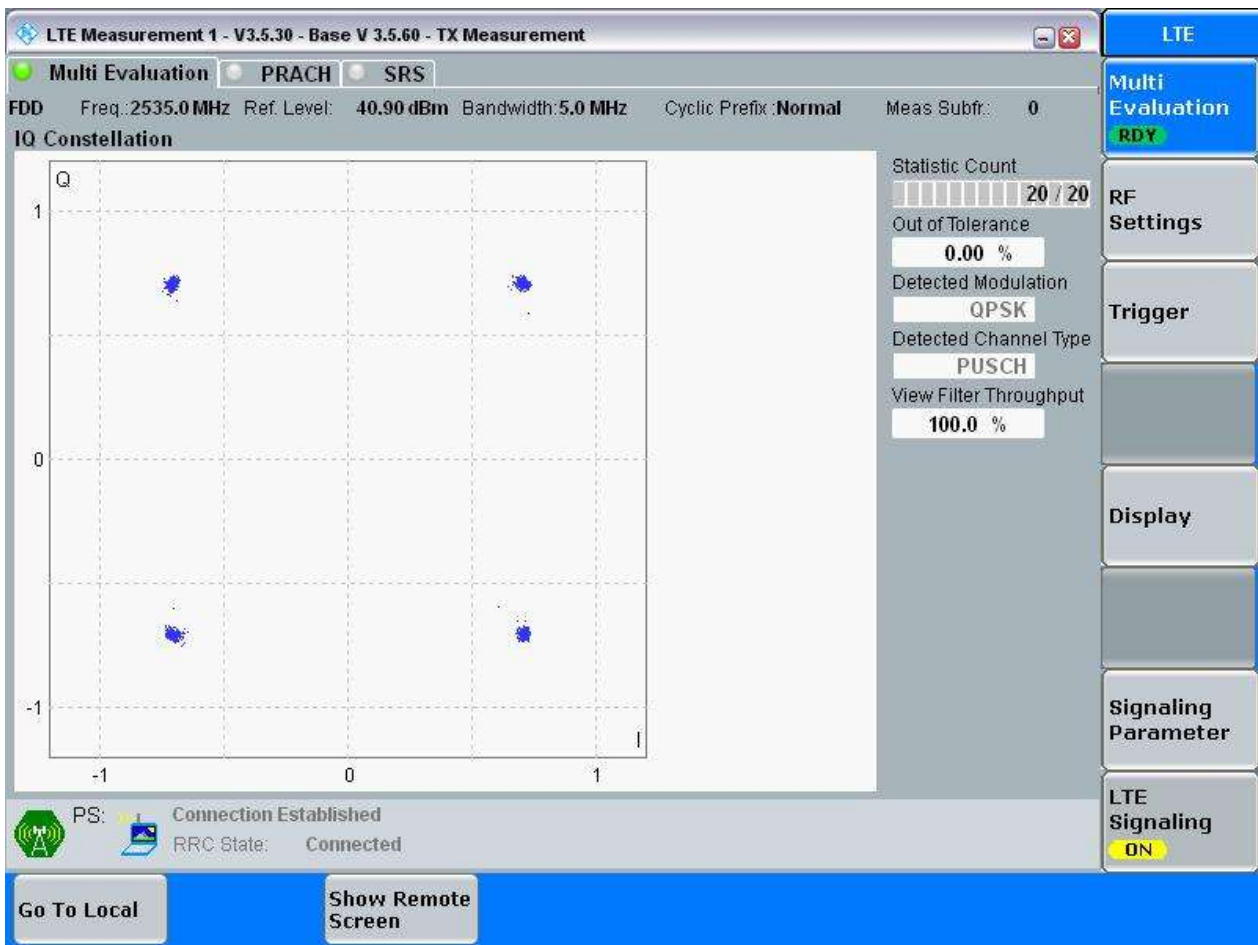
##### 3.1.1 Test Band = BAND7

##### 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

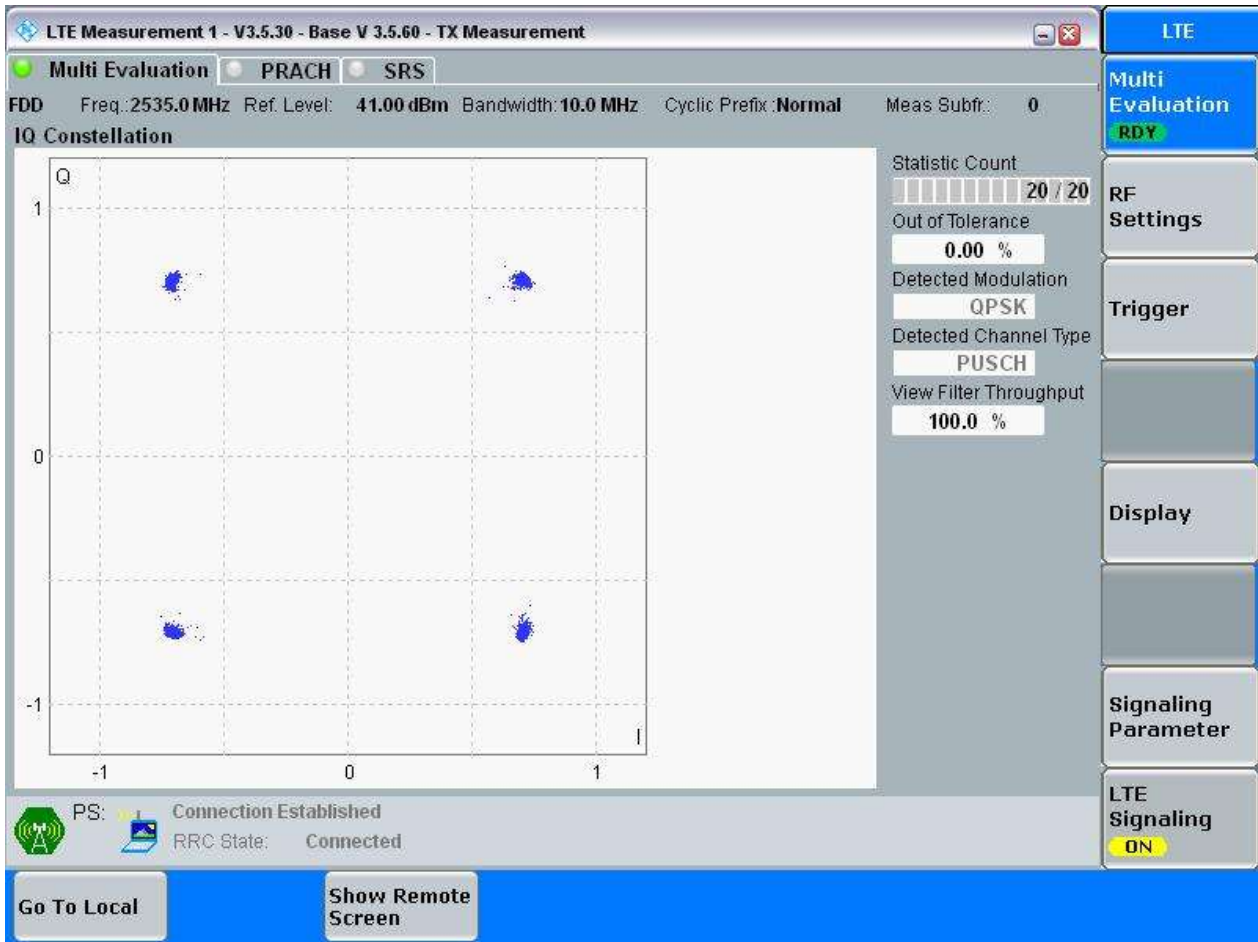
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 3.1.1.1.2 Test Bandwidth = 10

#### 3.1.1.1.2.1 Test Channel = MCH

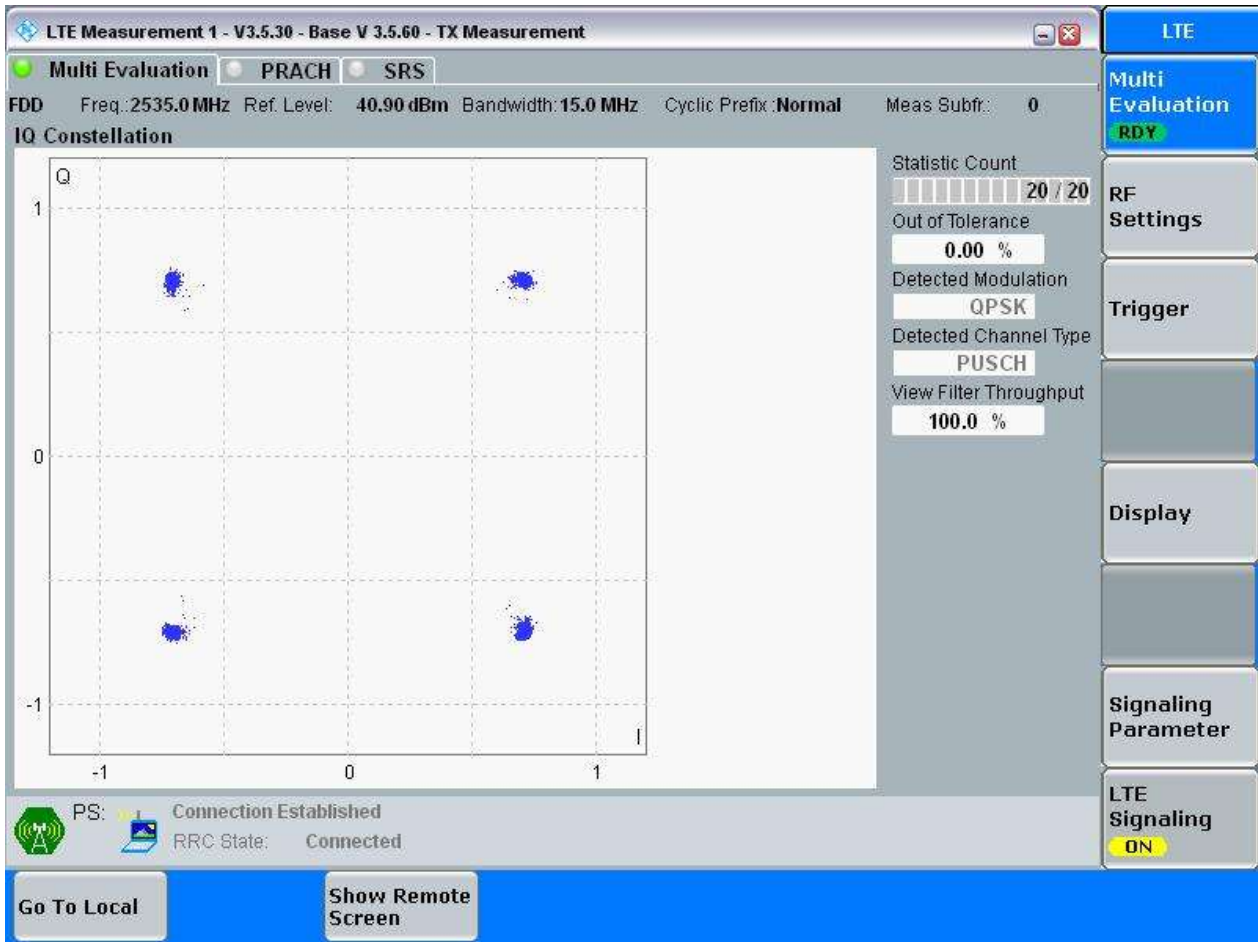
##### 3.1.1.1.2.1.1 Test RB = RB50#0



### 3.1.1.1.3 Test Bandwidth = 15

#### 3.1.1.1.3.1 Test Channel = MCH

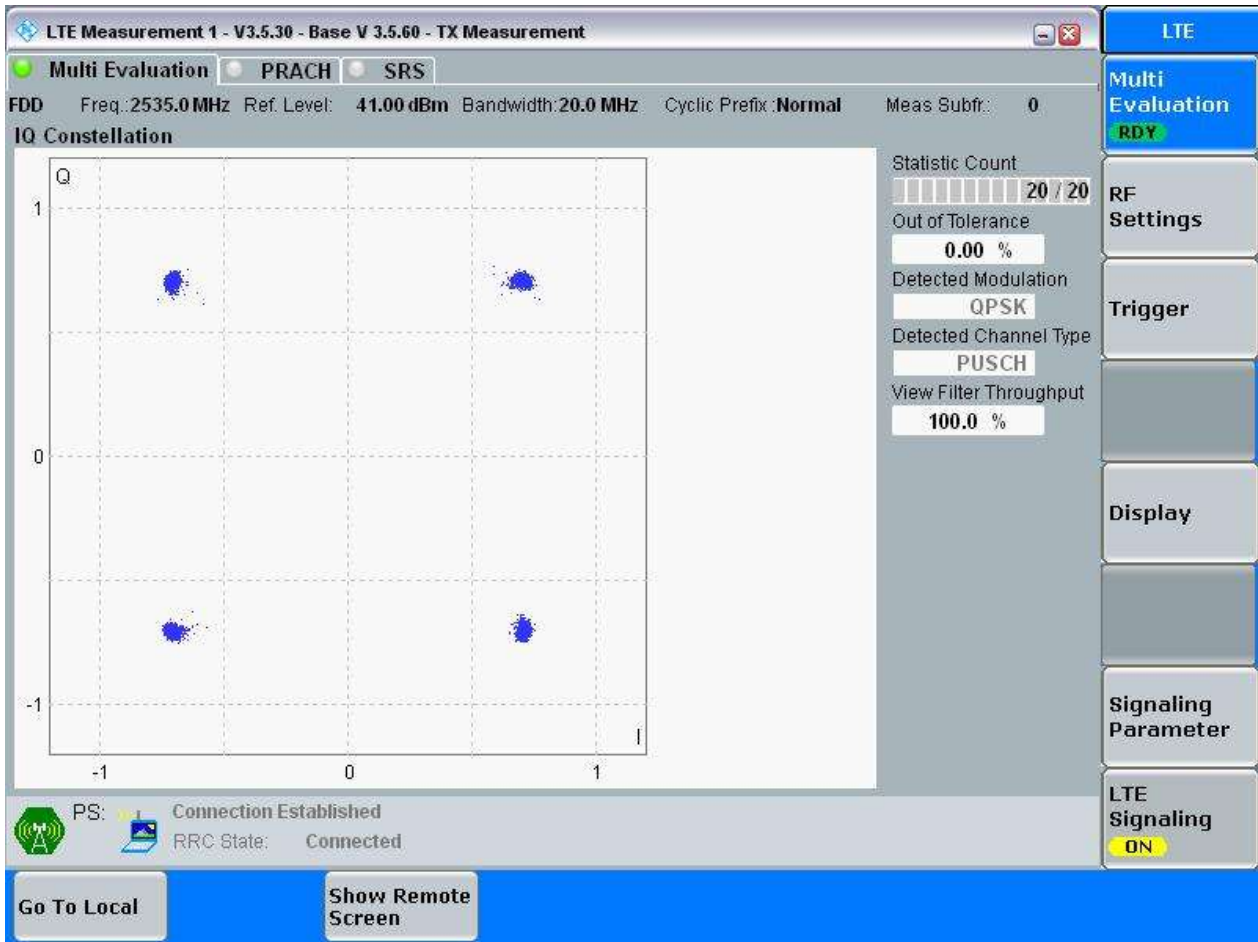
##### 3.1.1.1.3.1.1 Test RB = RB75#0



### 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

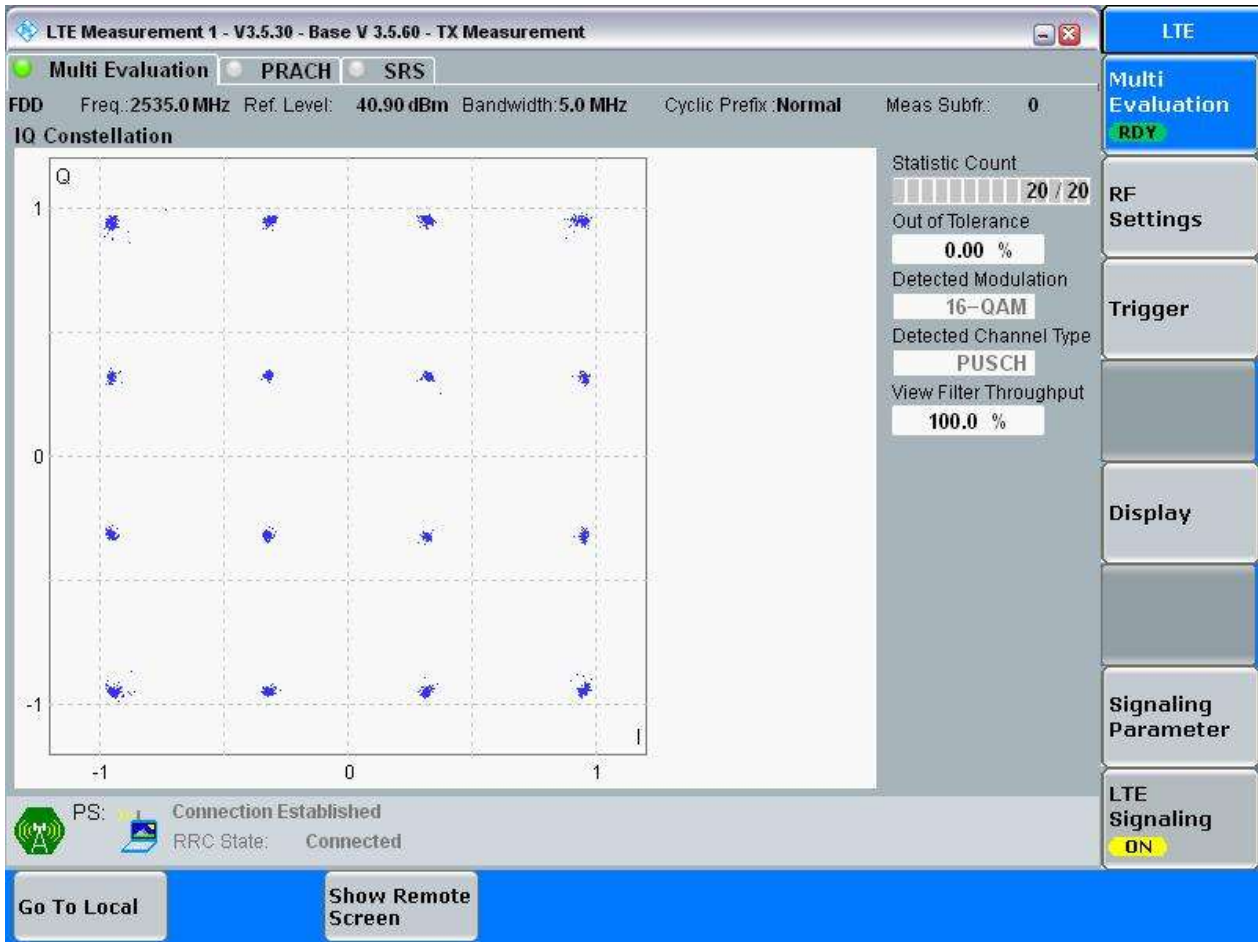


### 3.1.1.2 Test Mode = LTE/TM2

#### 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

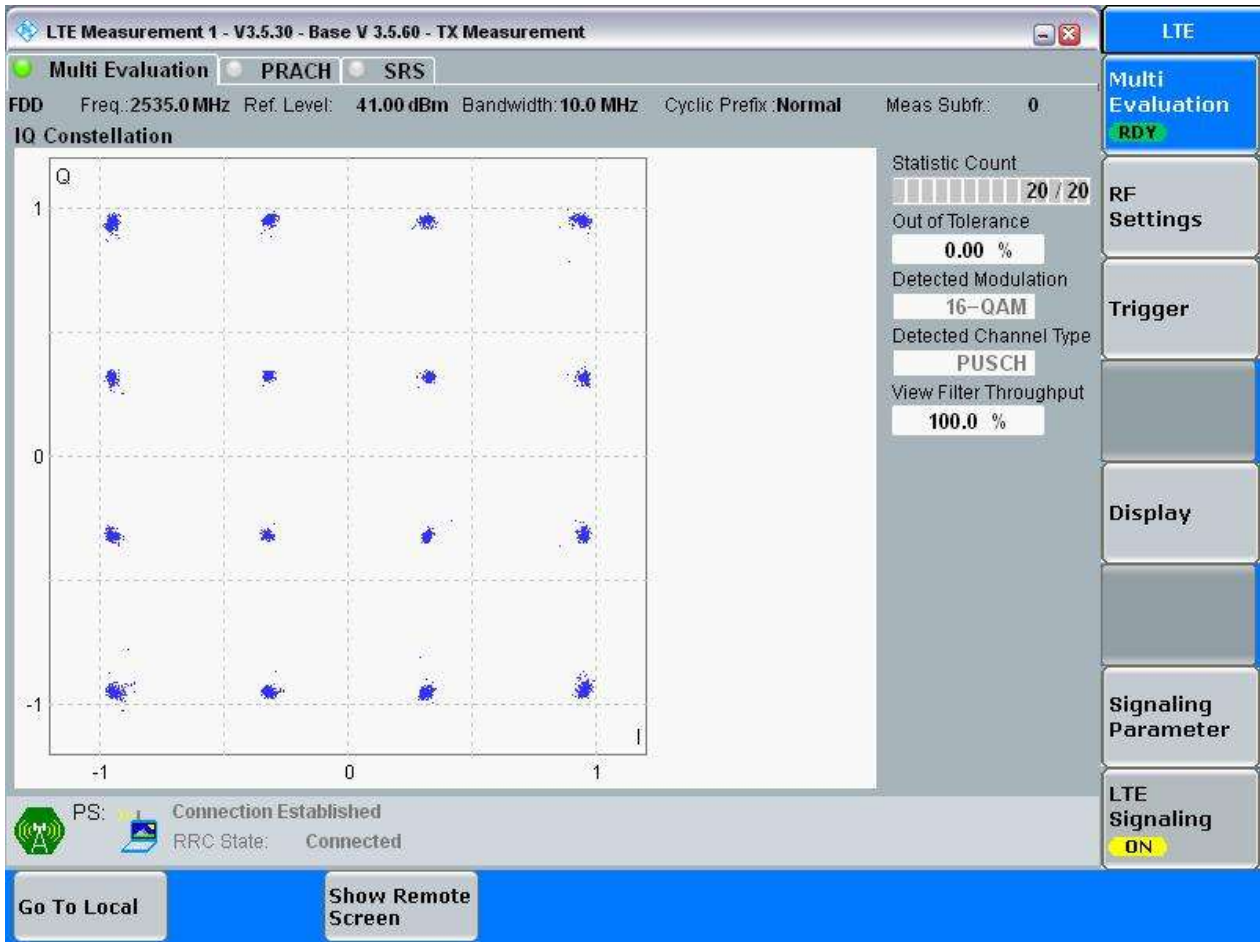




### 3.1.1.2.2 Test Bandwidth = 10

#### 3.1.1.2.2.1 Test Channel = MCH

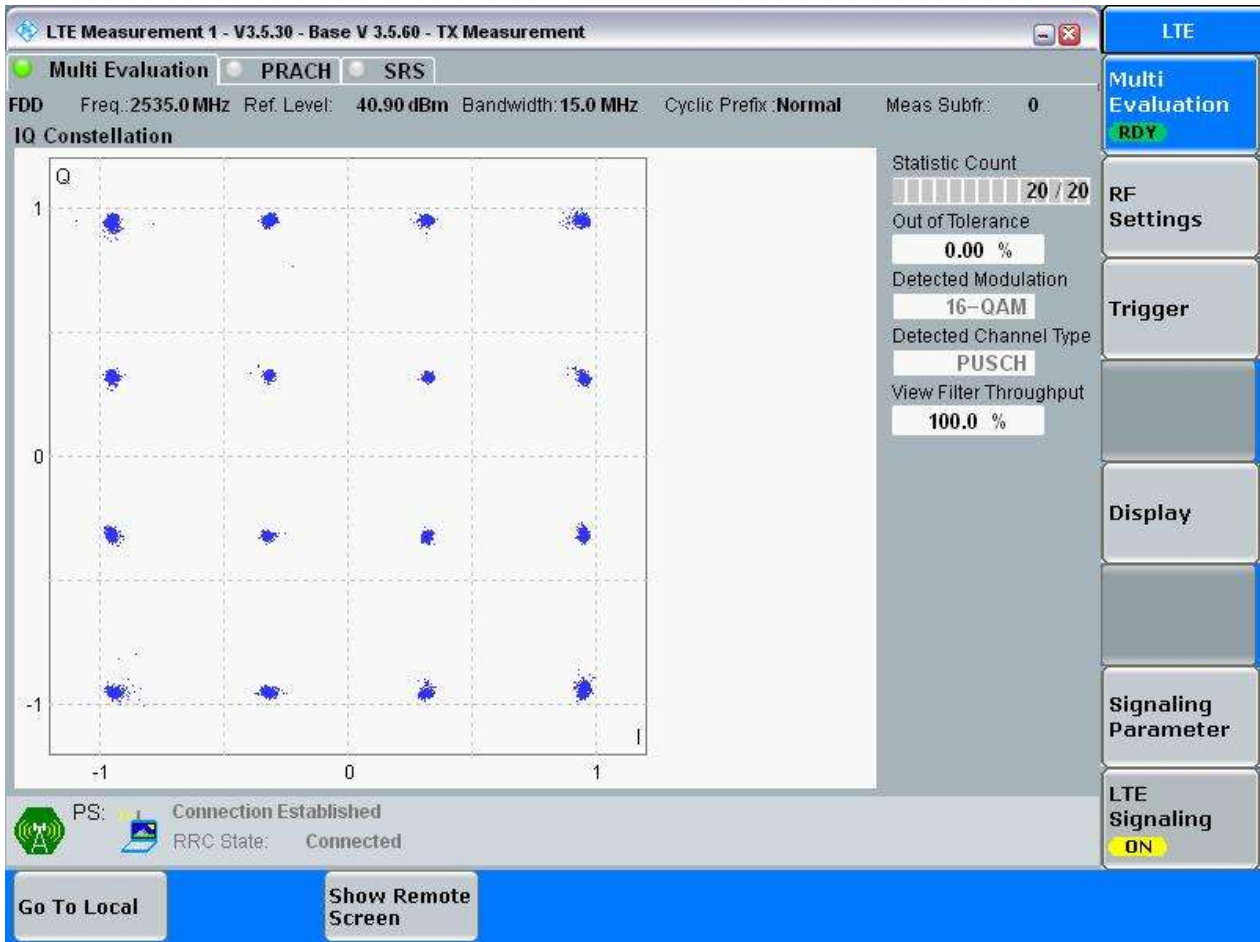
##### 3.1.1.2.2.1.1 Test RB = RB50#0



### 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



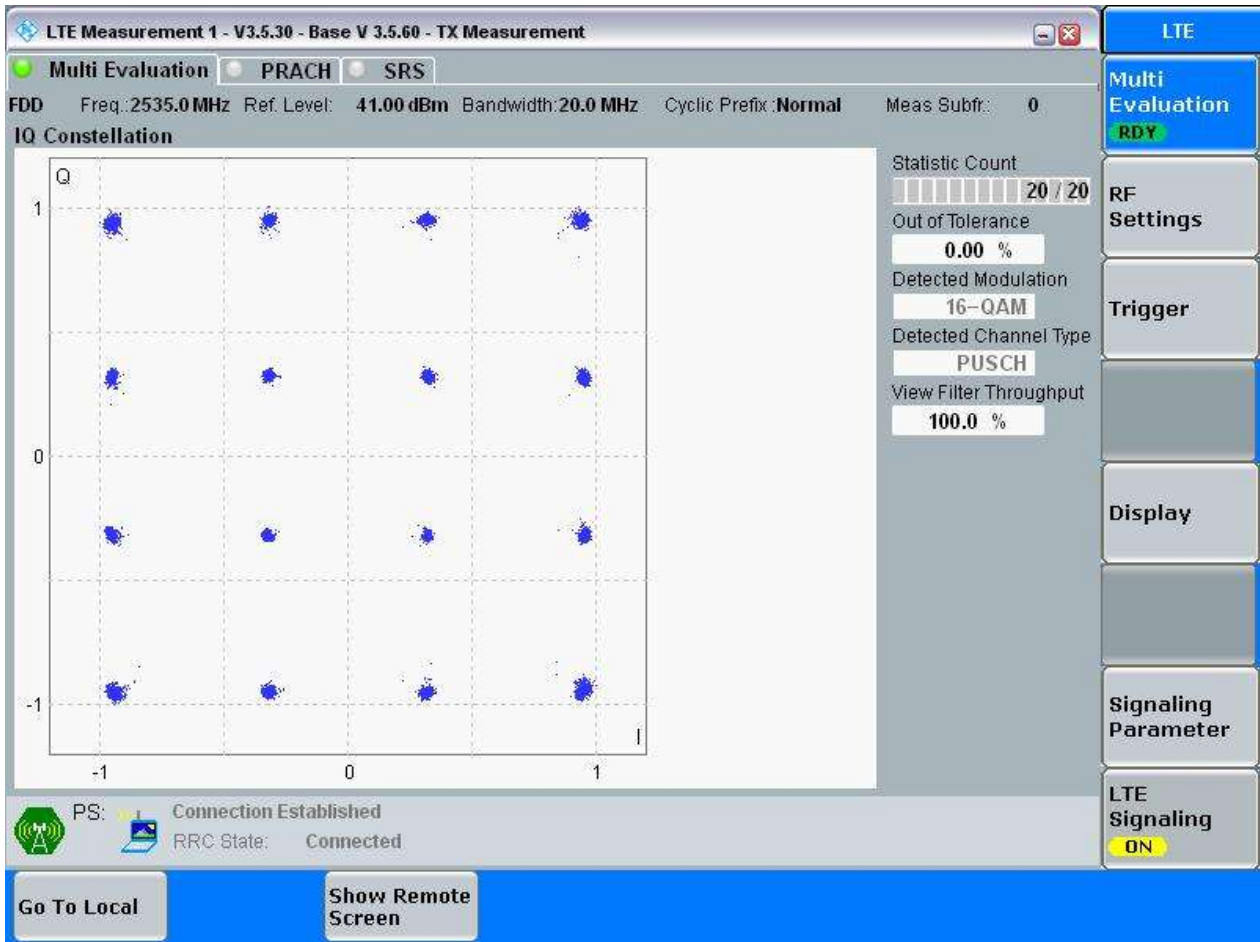




### 3.1.1.2.4 Test Bandwidth = 20

#### 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	4.54	5.29	Pass
			MCH	RB25#0	4.51	5.17	Pass
			HCH	RB25#0	4.51	5.19	Pass
		10	LCH	RB50#0	9.03	10.20	Pass
			MCH	RB50#0	9.00	10.22	Pass
			HCH	RB50#0	9.01	10.12	Pass
		15	LCH	RB75#0	13.49	15.12	Pass
			MCH	RB75#0	13.54	15.23	Pass
			HCH	RB75#0	13.51	15.12	Pass
		20	LCH	RB100#0	17.97	19.72	Pass
			MCH	RB100#0	17.99	20.00	Pass
			HCH	RB100#0	17.99	19.73	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	5.16	Pass
			MCH	RB25#0	4.51	5.06	Pass
			HCH	RB25#0	4.52	5.16	Pass
		10	LCH	RB50#0	9.02	10.18	Pass
			MCH	RB50#0	9.03	10.18	Pass
			HCH	RB50#0	8.99	10.16	Pass
		15	LCH	RB75#0	13.50	15.11	Pass
			MCH	RB75#0	13.49	15.09	Pass
			HCH	RB75#0	13.50	15.07	Pass
		20	LCH	RB100#0	17.99	19.77	Pass
			MCH	RB100#0	17.97	19.86	Pass
			HCH	RB100#0	17.94	19.78	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

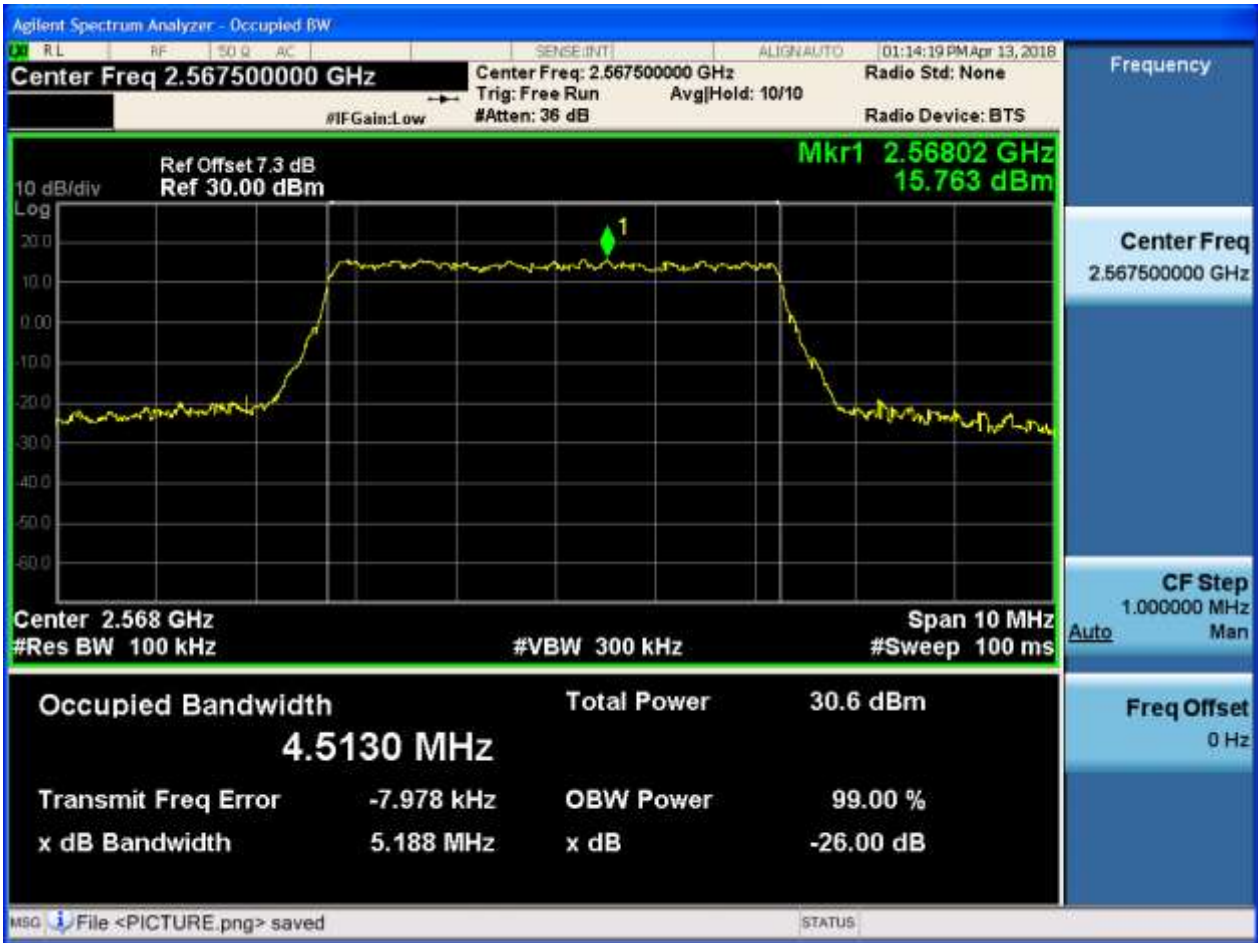
4.1.1.1.1.2.1 Test RB = RB25#0





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

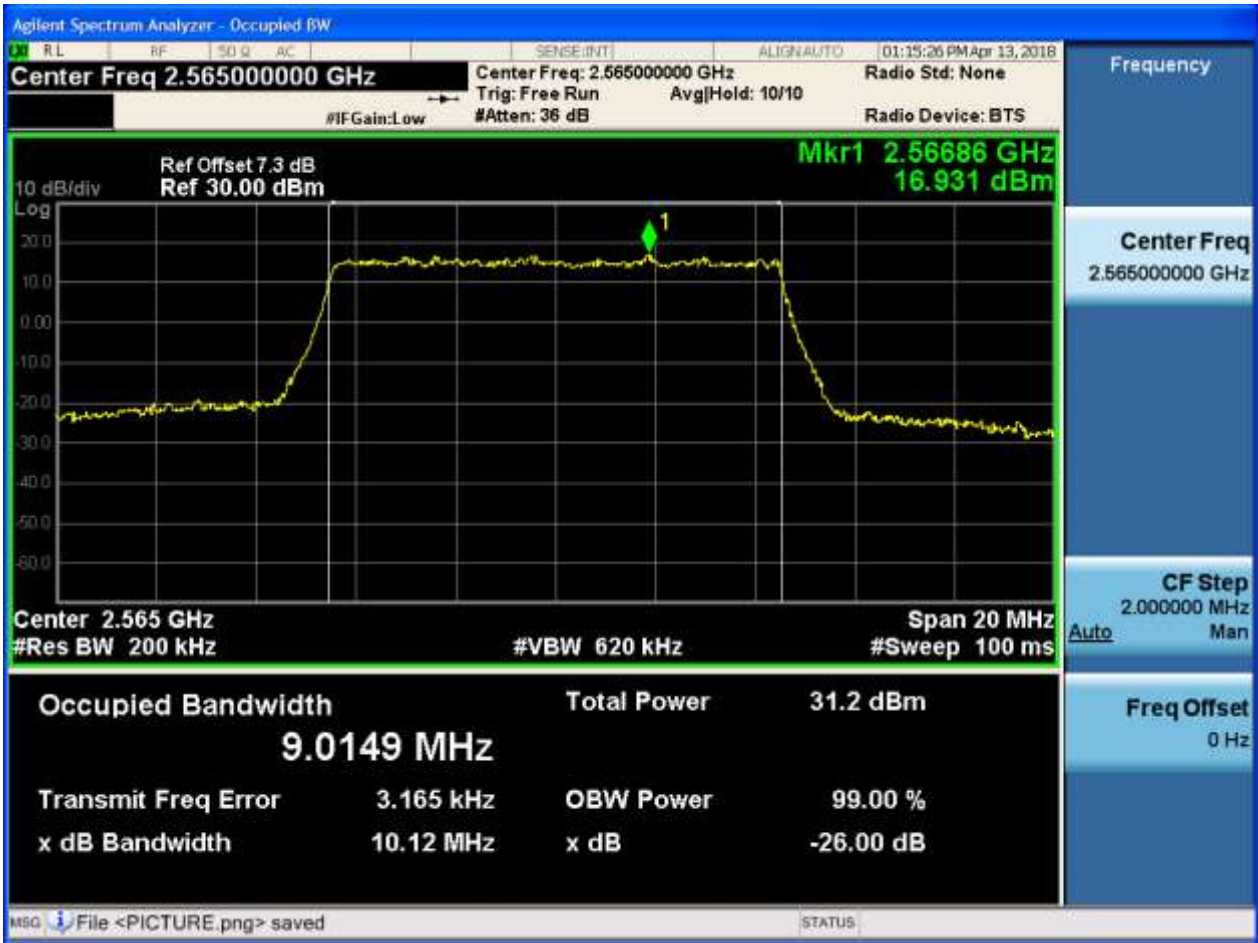
4.1.1.1.2.2.1 Test RB = RB50#0





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

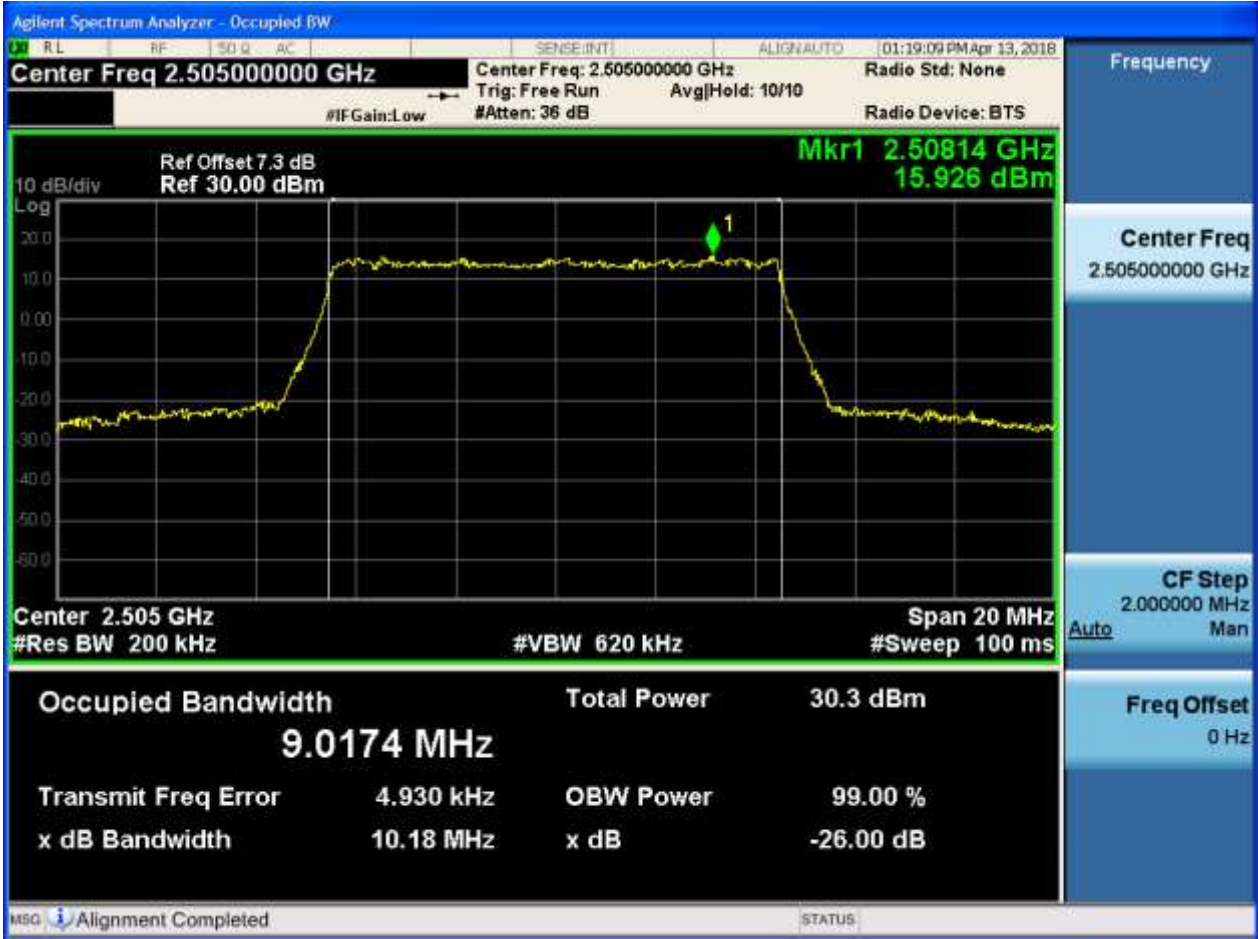




4.1.1.2.2 Test Bandwidth = 10

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

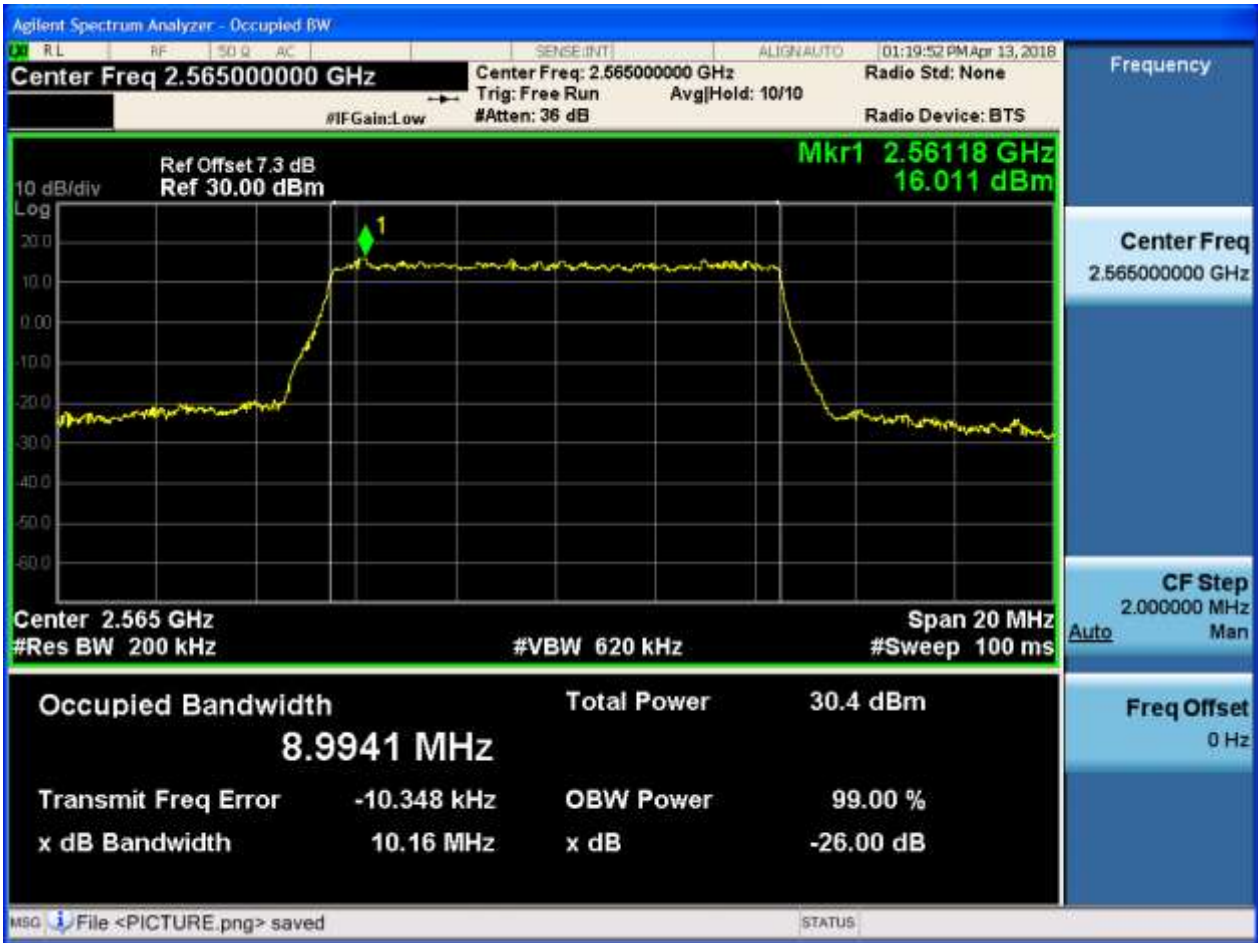
4.1.1.2.2.2.1 Test RB = RB50#0





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

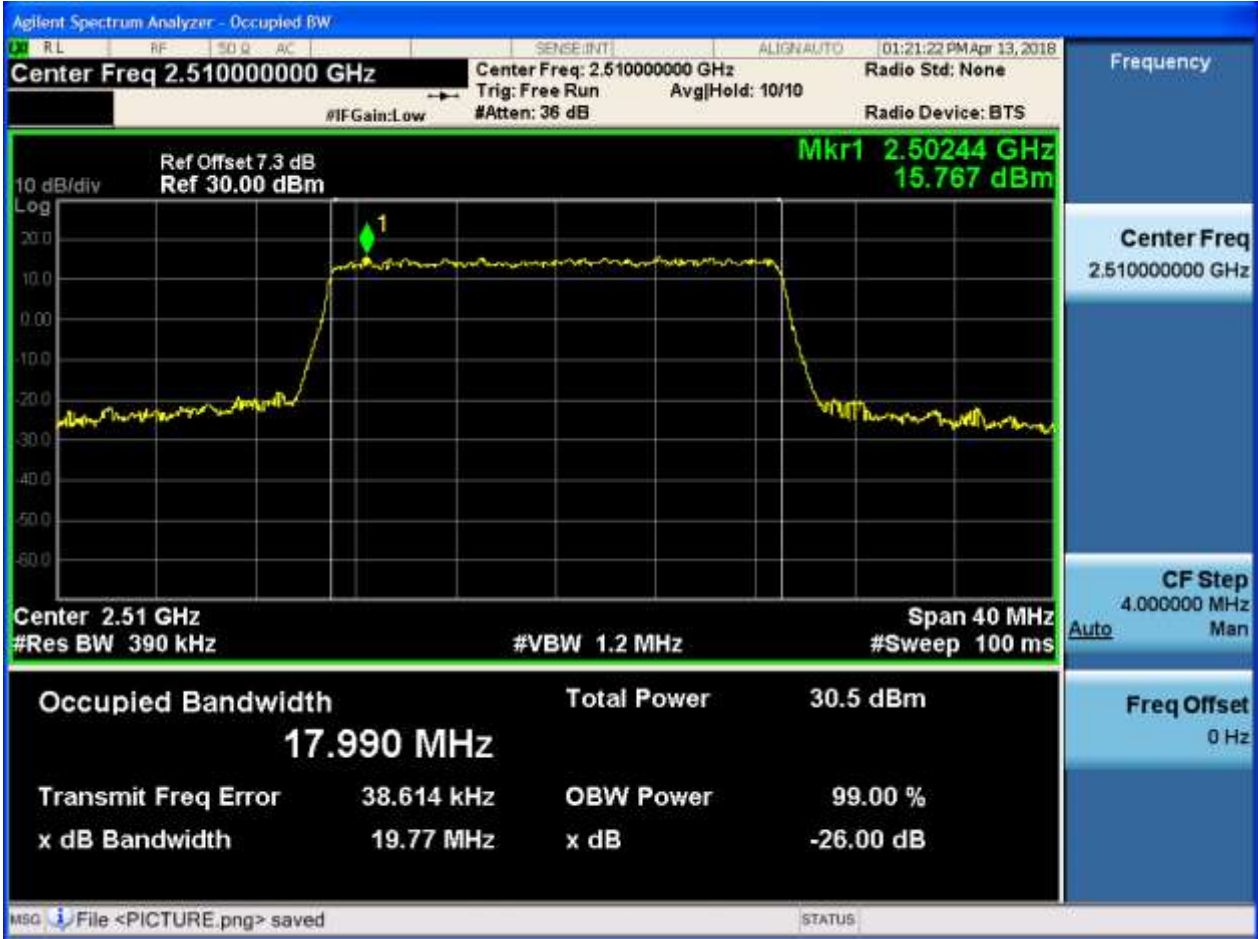




4.1.1.2.4 Test Bandwidth = 20

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

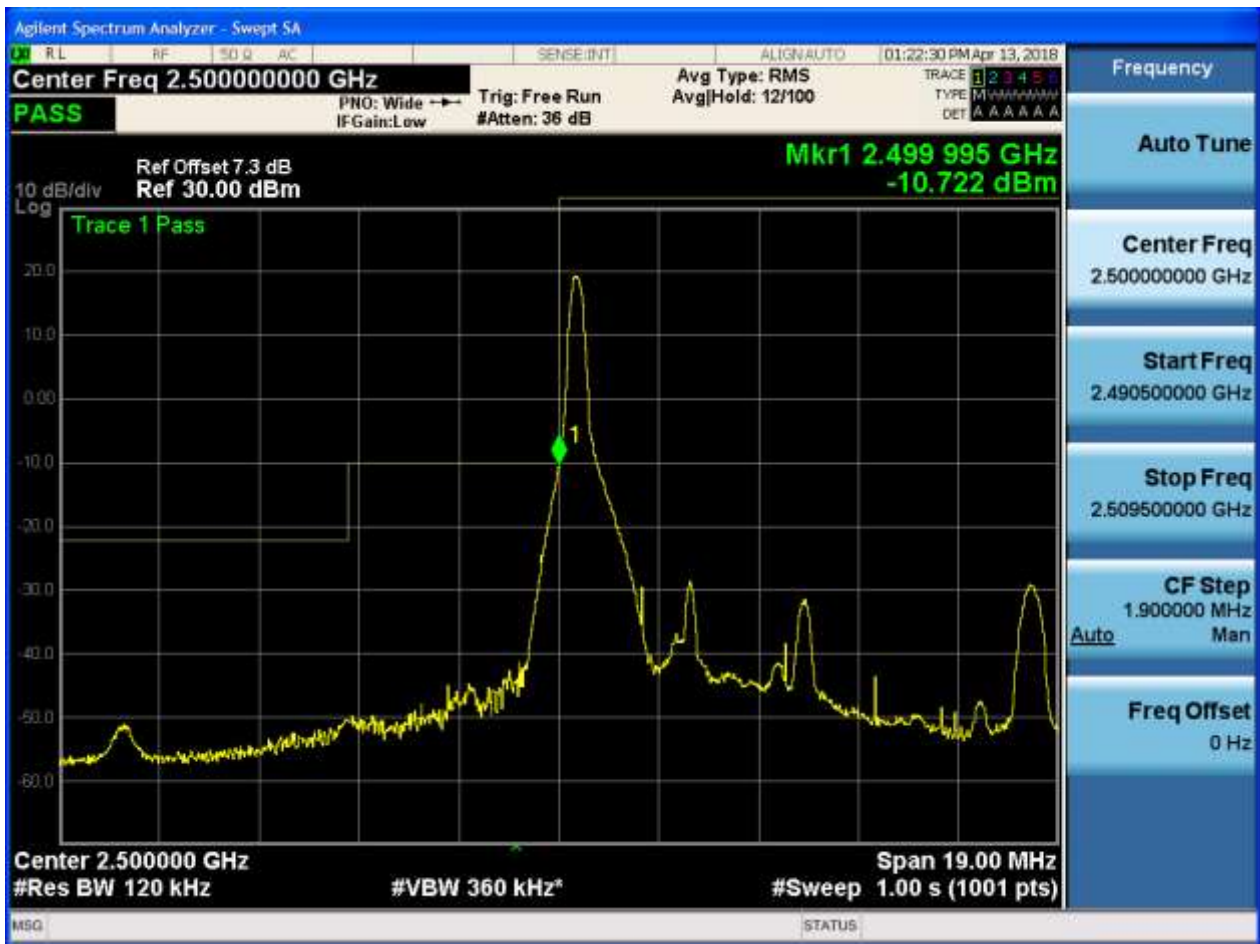
##### 5.1.1 Test Band = BAND7

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

##### 5.1.1.1.1 Test Bandwidth = 5

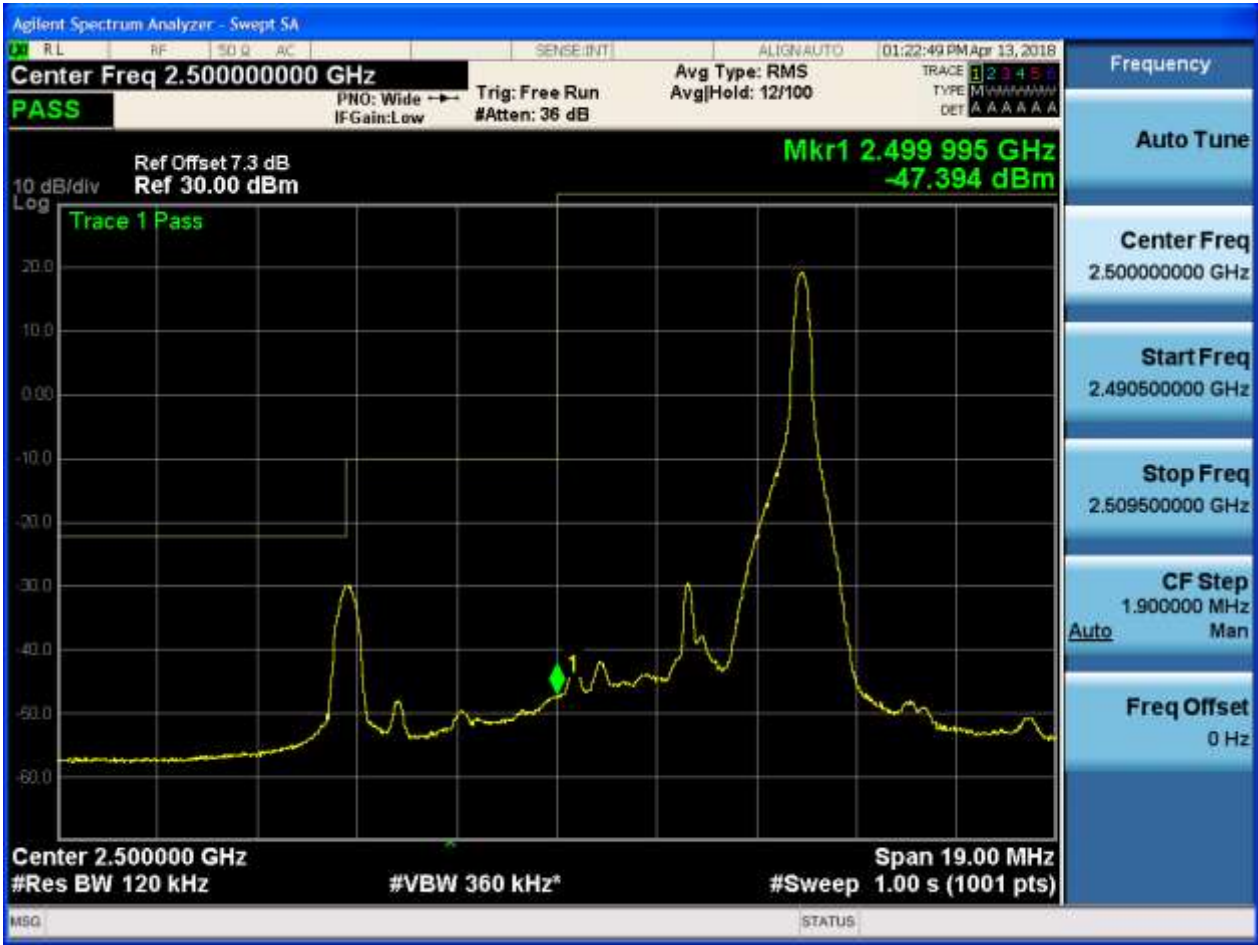
##### 5.1.1.1.1.1 Test Channel = LCH

##### 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





5.1.1.1.1.2.2 Test RB = RB1#24







5.1.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.1.2.4 Test RB = RB25#0

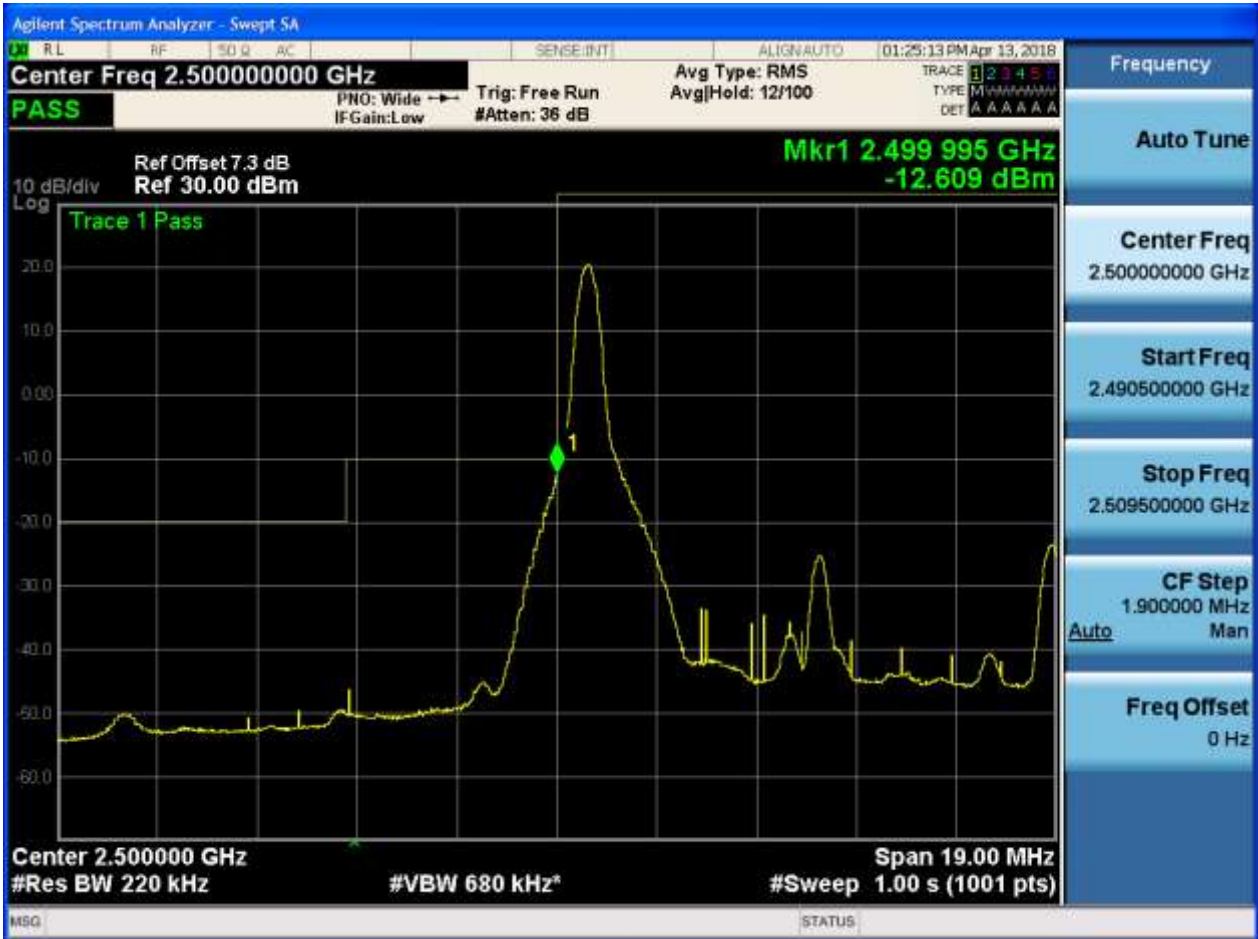




5.1.1.1.2 Test Bandwidth = 10

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





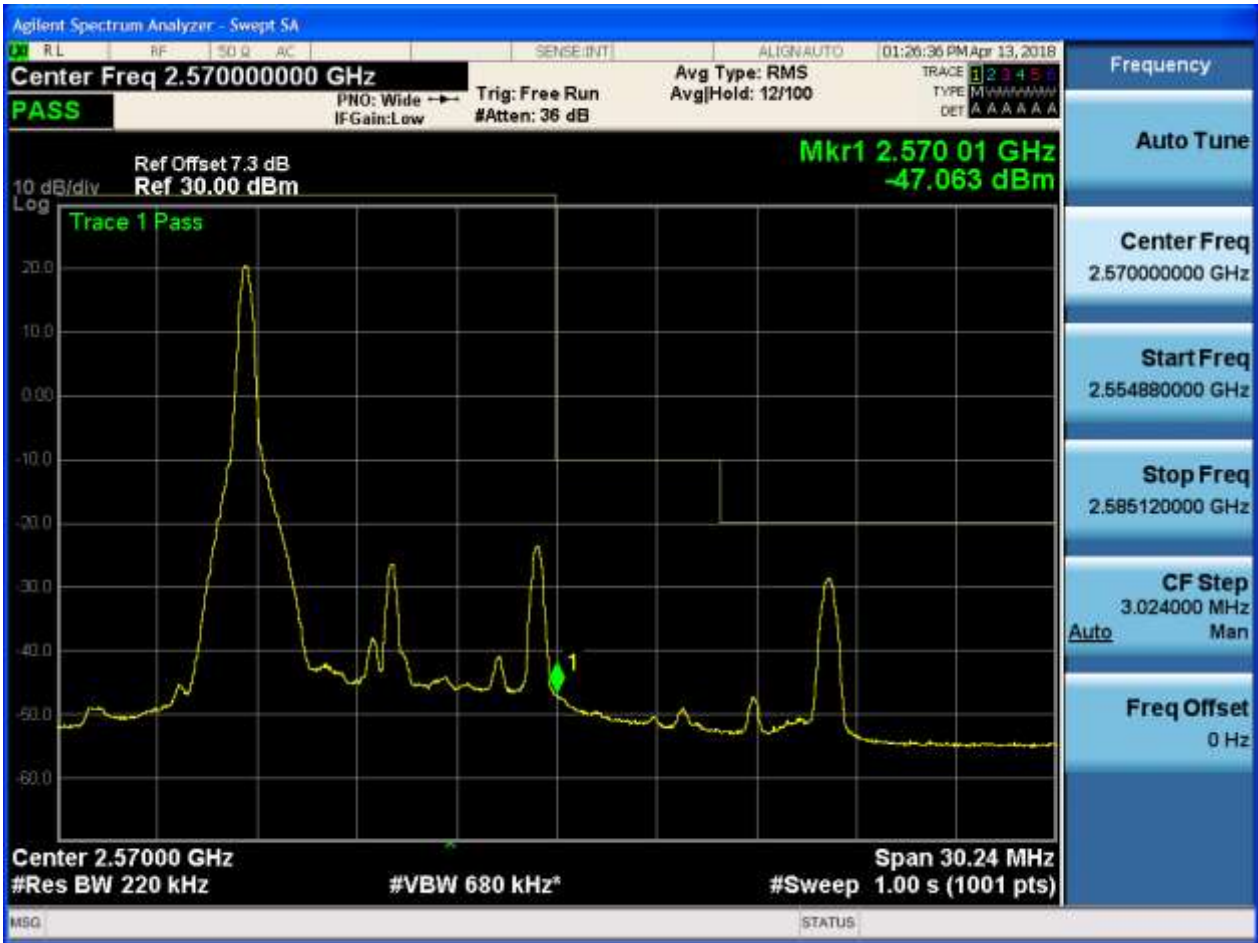
5.1.1.1.2.1.4 Test RB = RB50#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 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





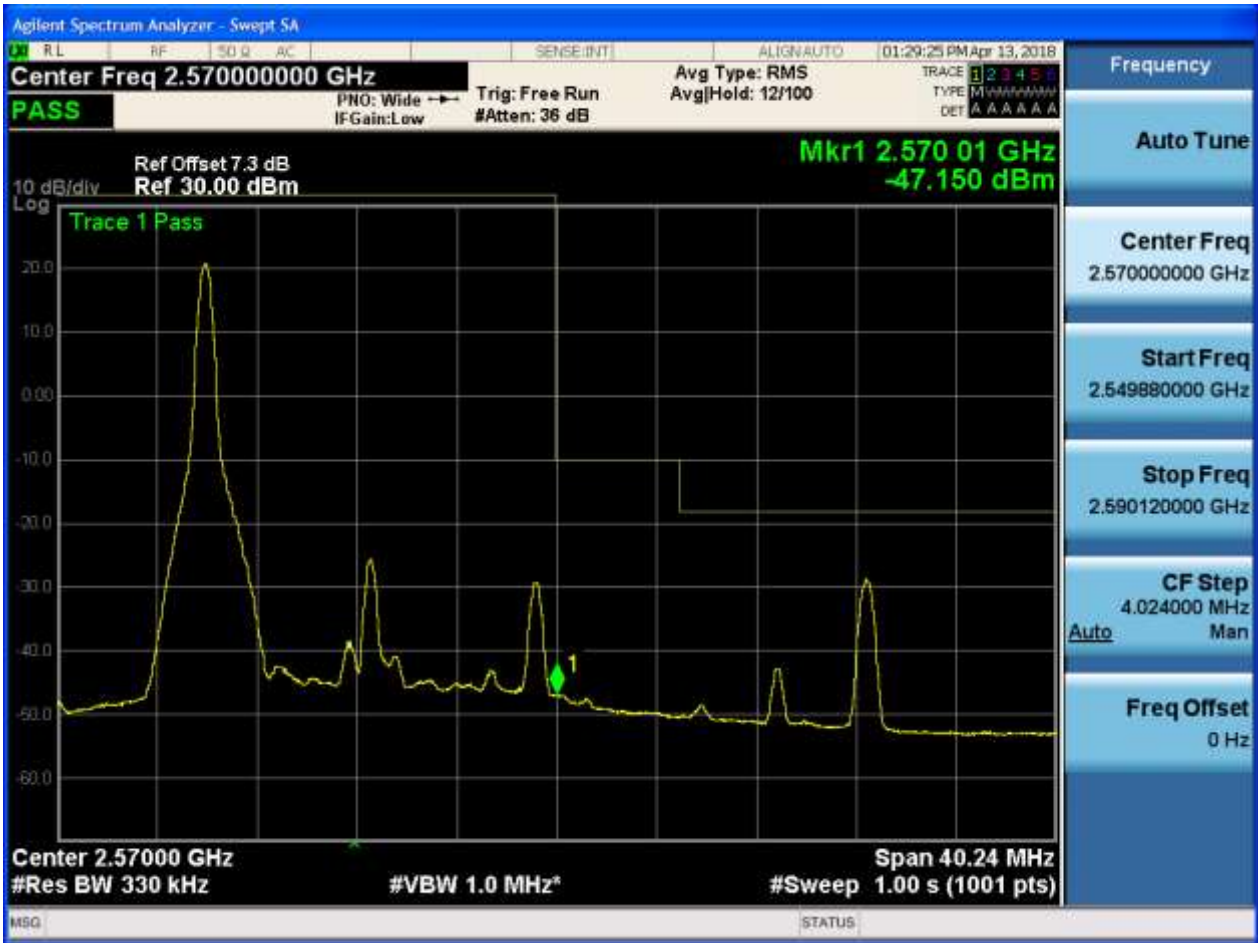
5.1.1.1.3.1.4 Test RB = RB75#0





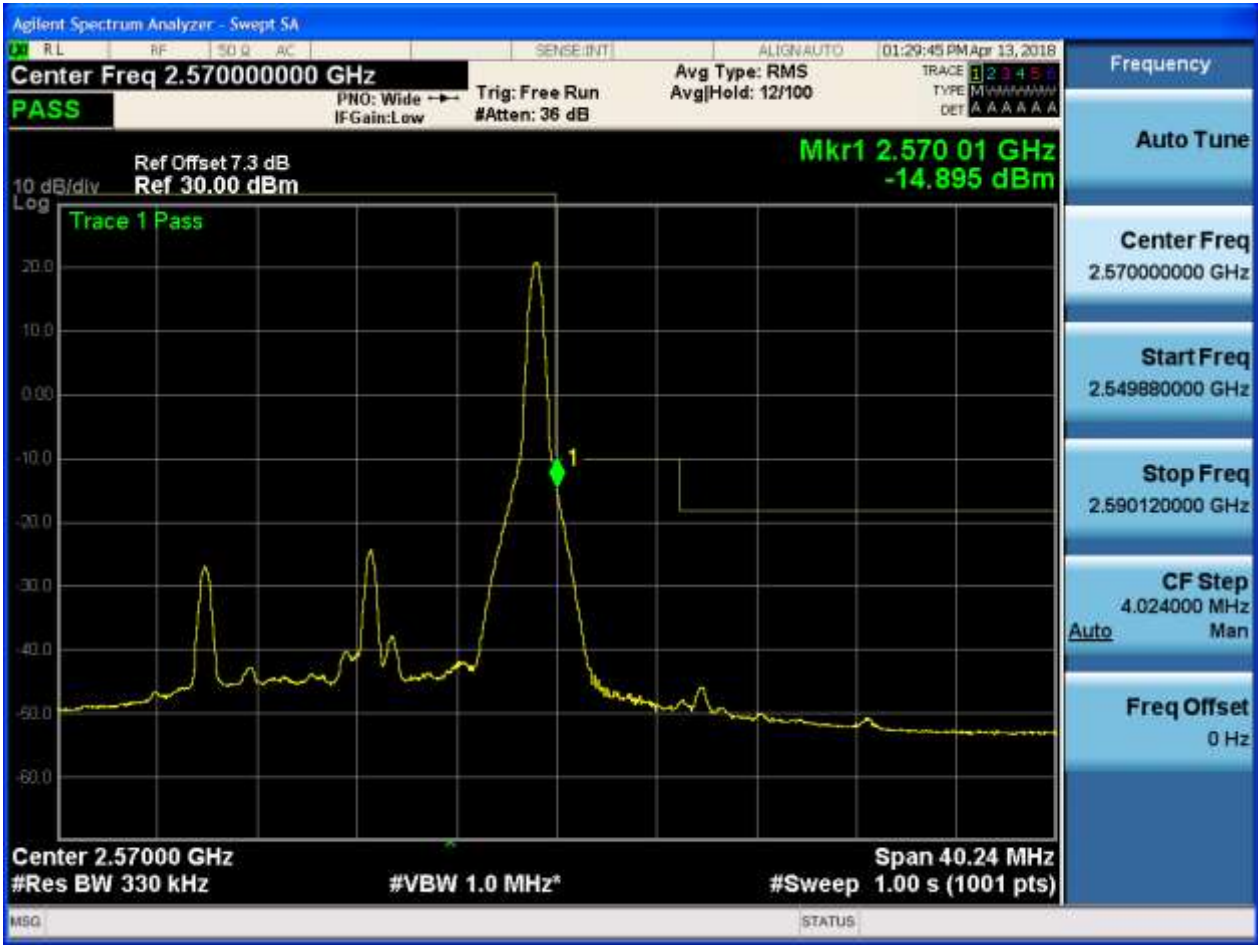
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





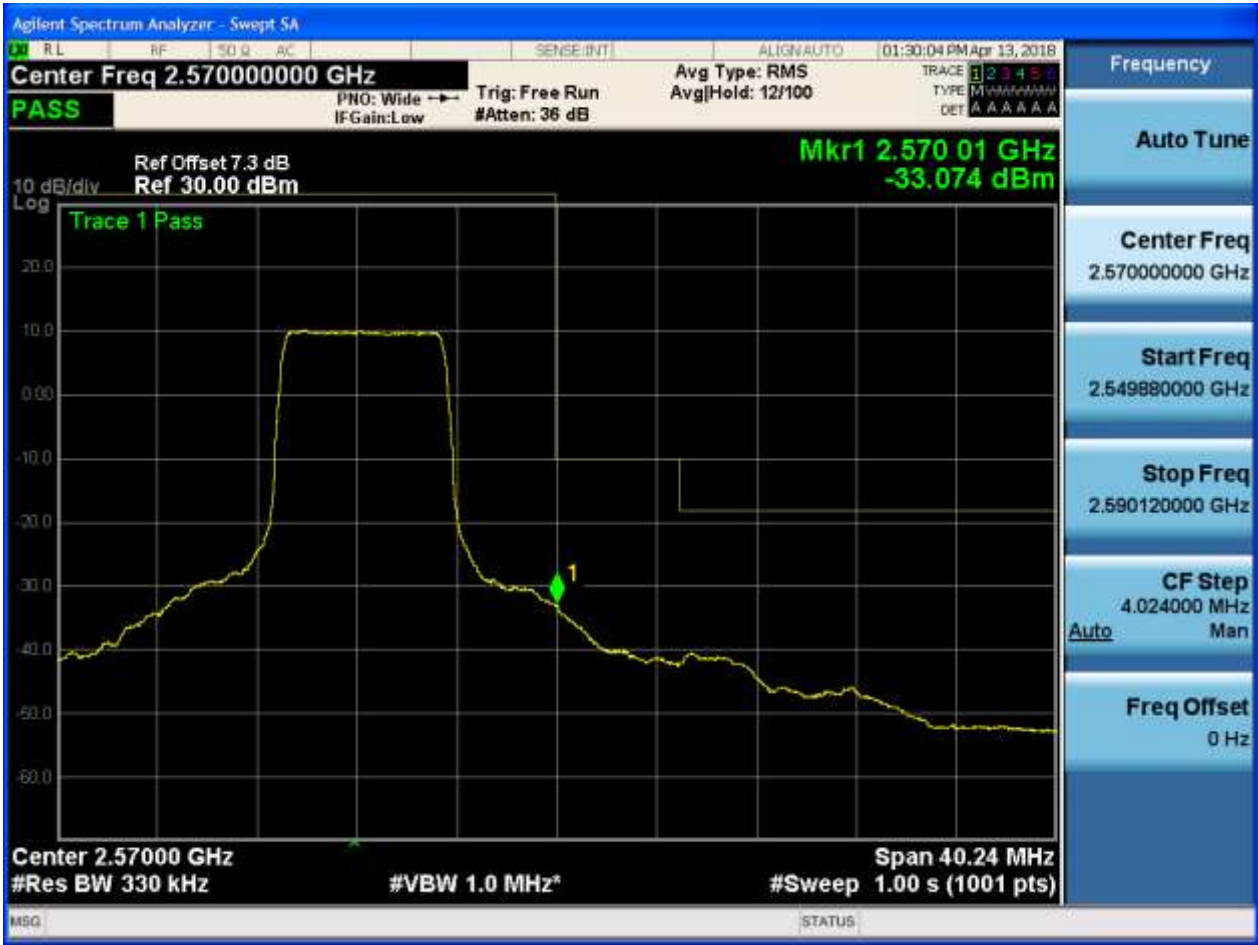
5.1.1.1.3.2.2 Test RB = RB1#74







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

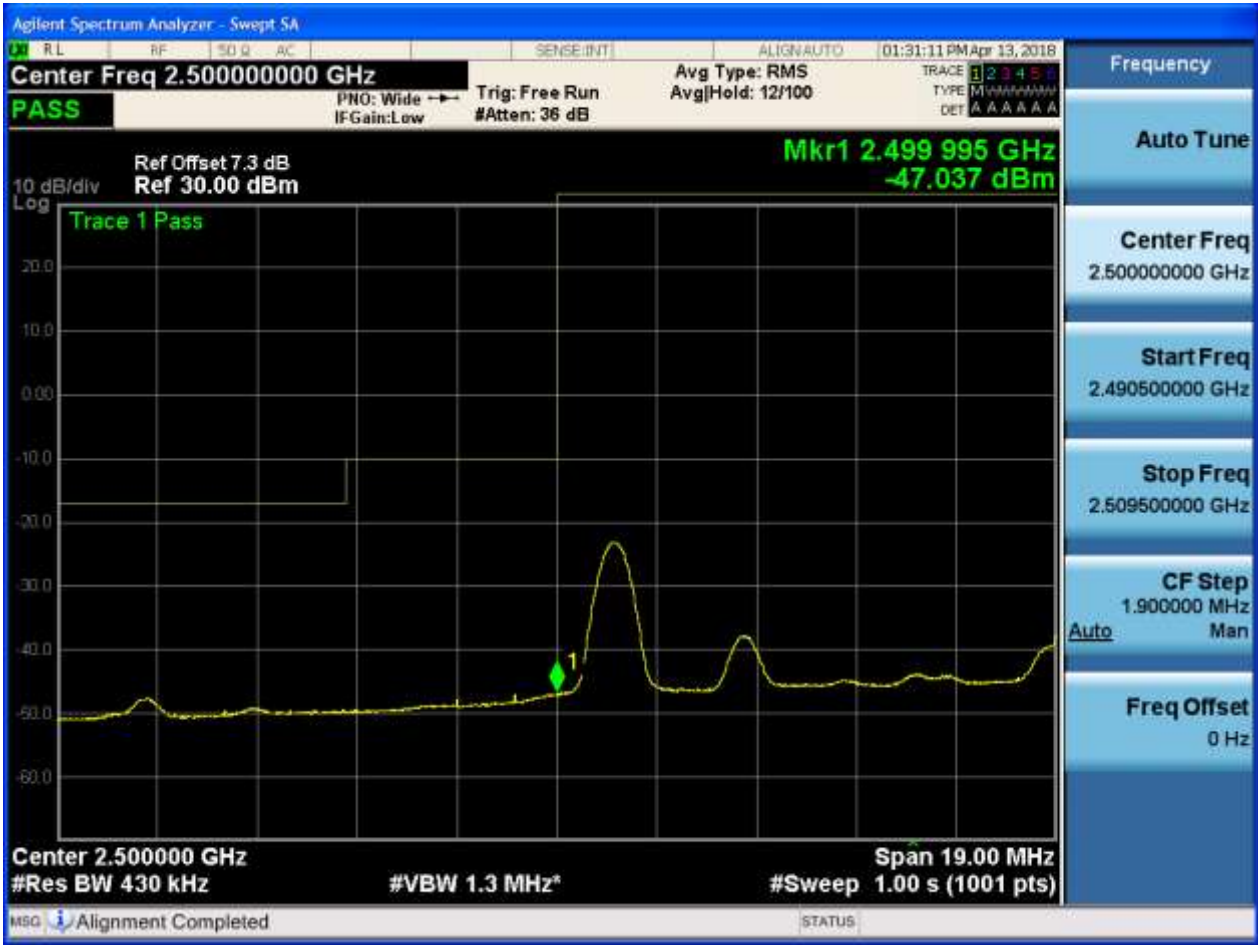
## 5.1.1.1.4.1 Test Channel = LCH

## 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



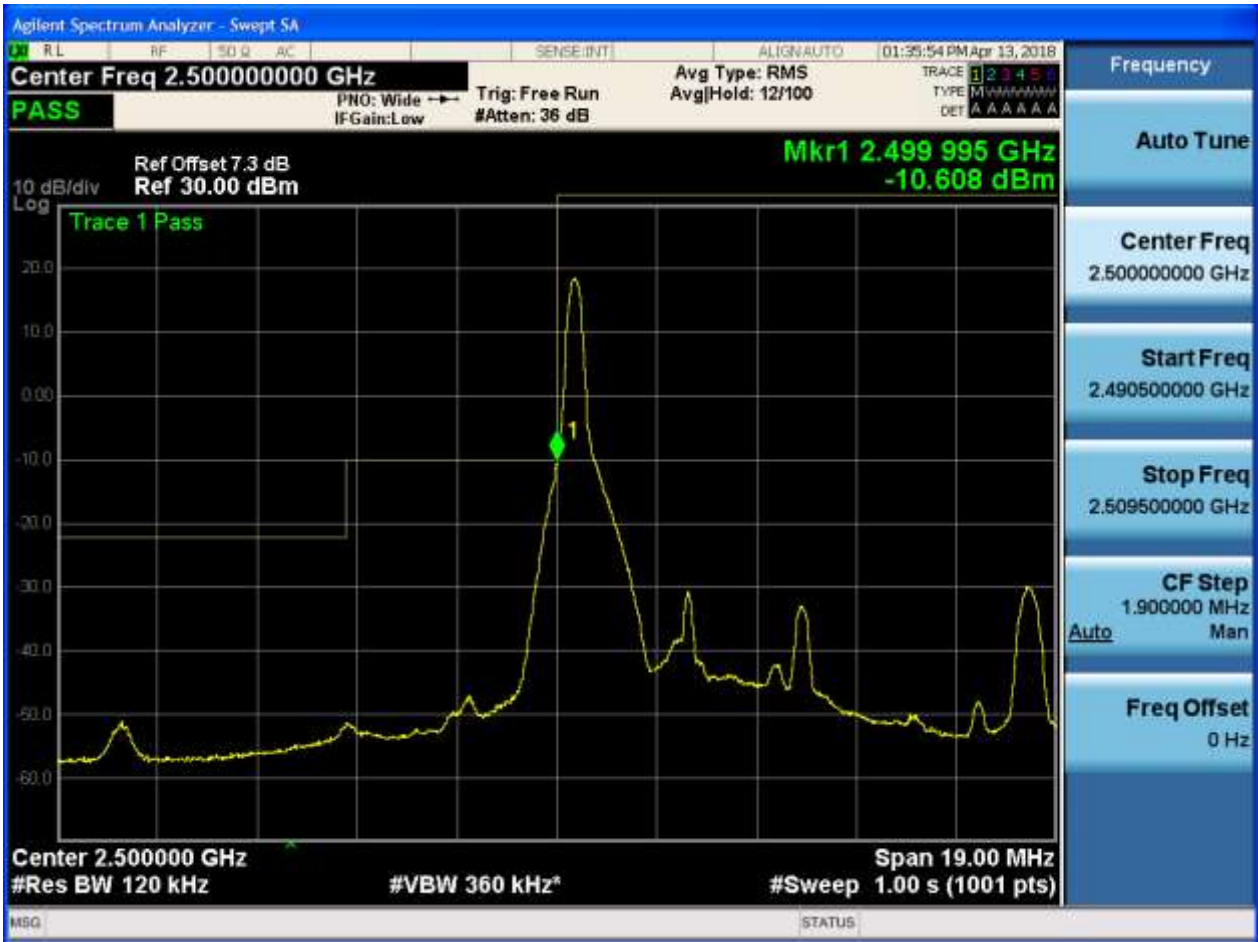


5.1.1.2 Test Mode = LTE/TM2

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





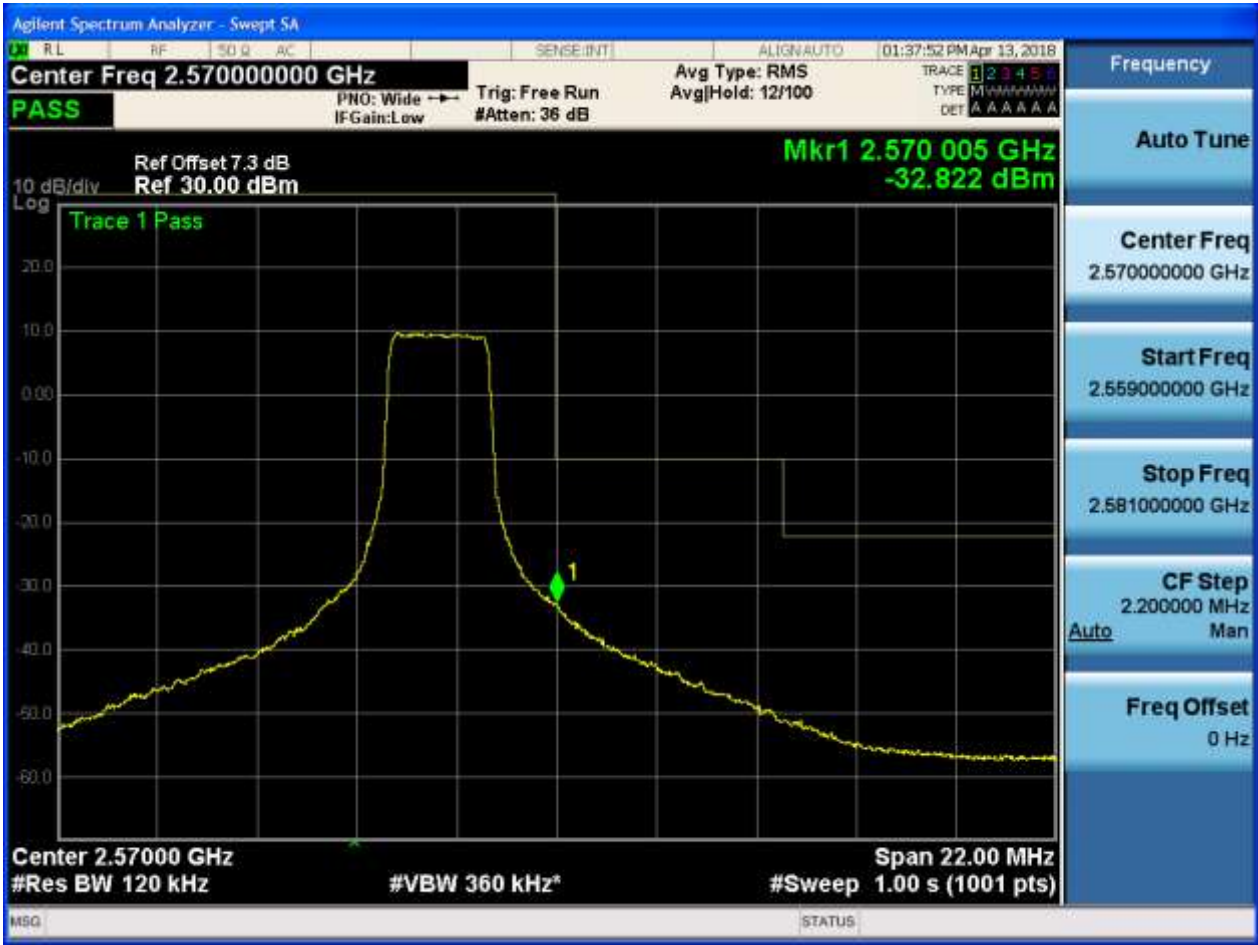
5.1.1.2.1.2.2 Test RB = RB1#24







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





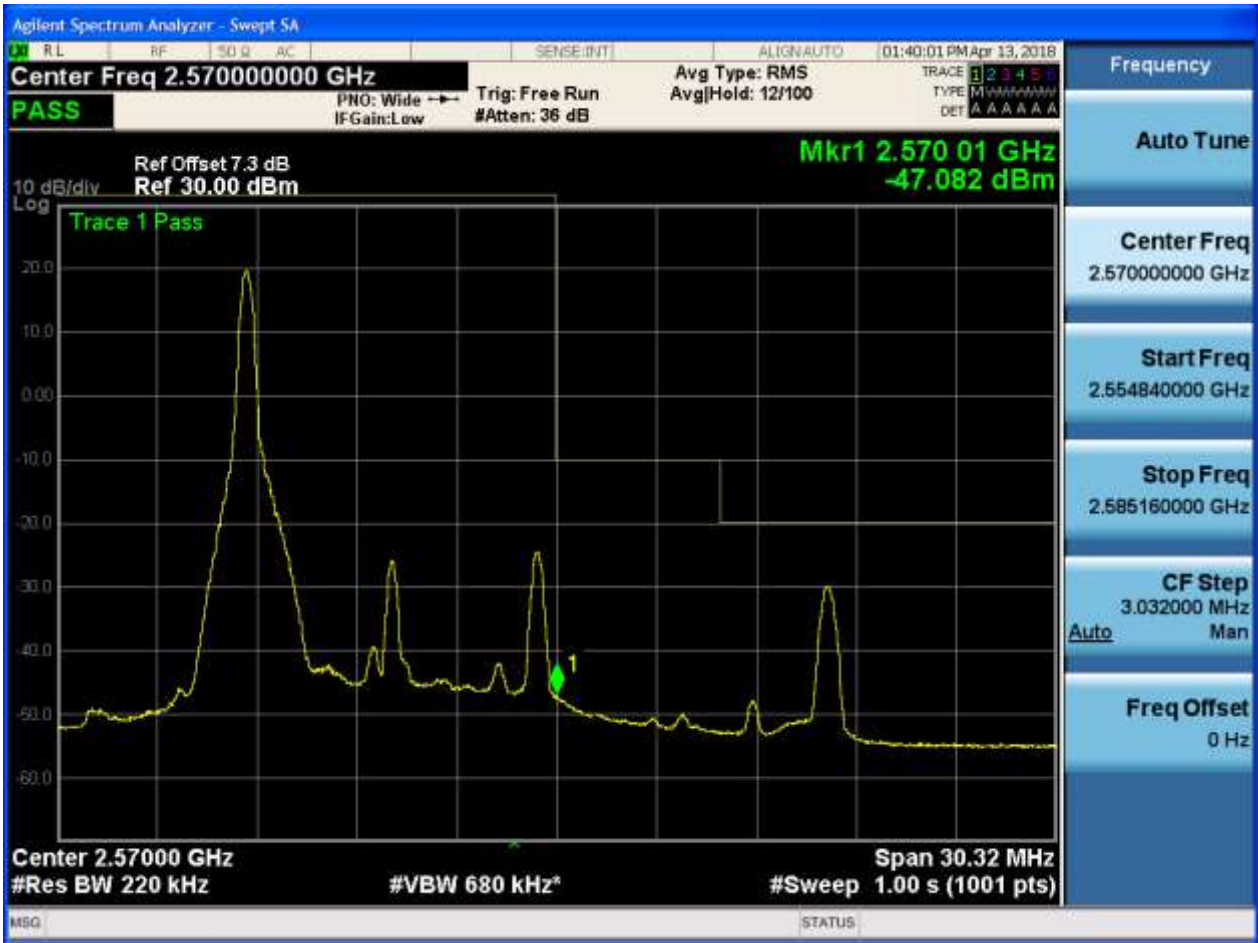
5.1.1.2.2.1.4 Test RB = RB50#0





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







5.1.1.2.2.2.3 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





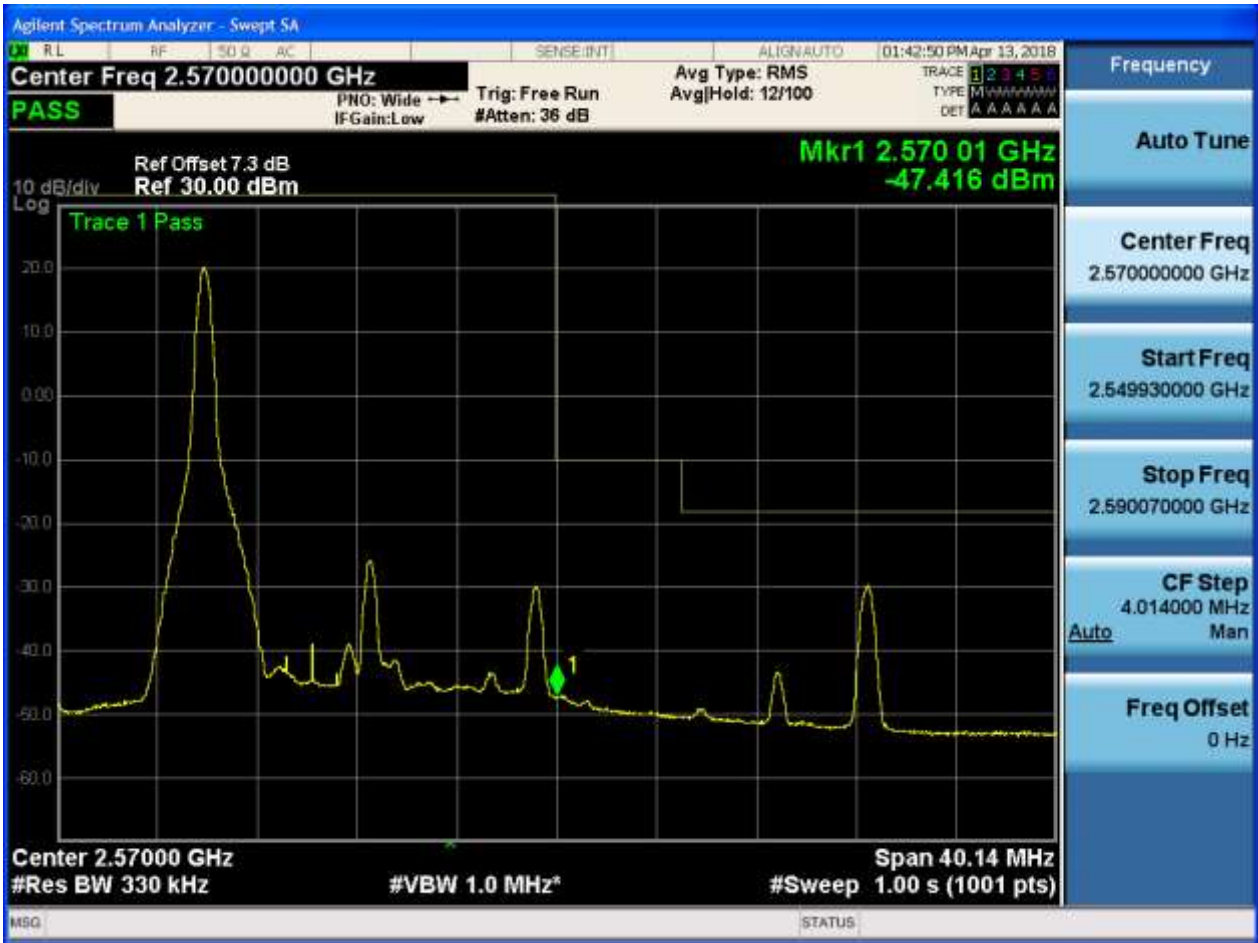
5.1.1.2.3.1.4 Test RB = RB75#0





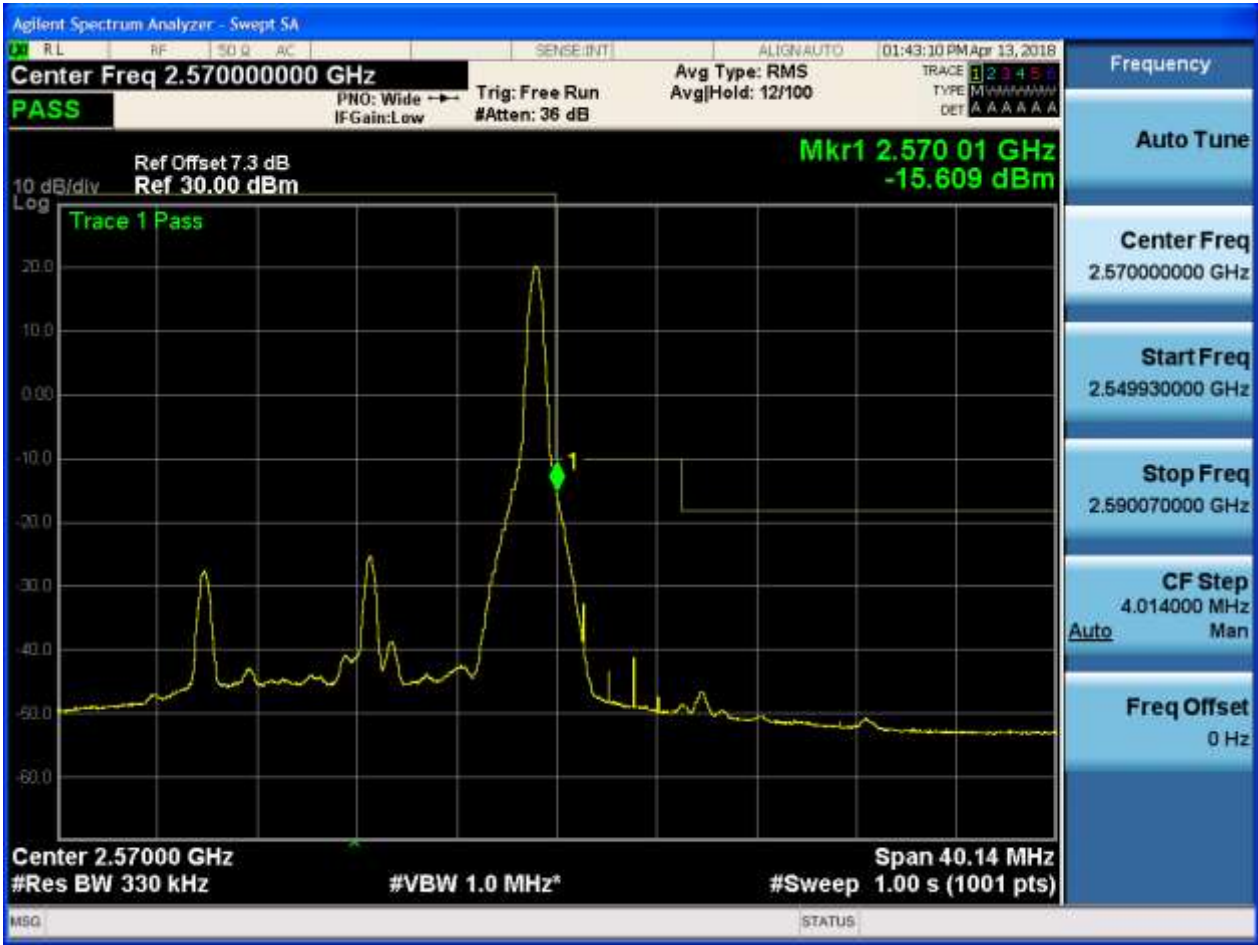
5.1.1.2.3.2 Test Channel = HCH

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

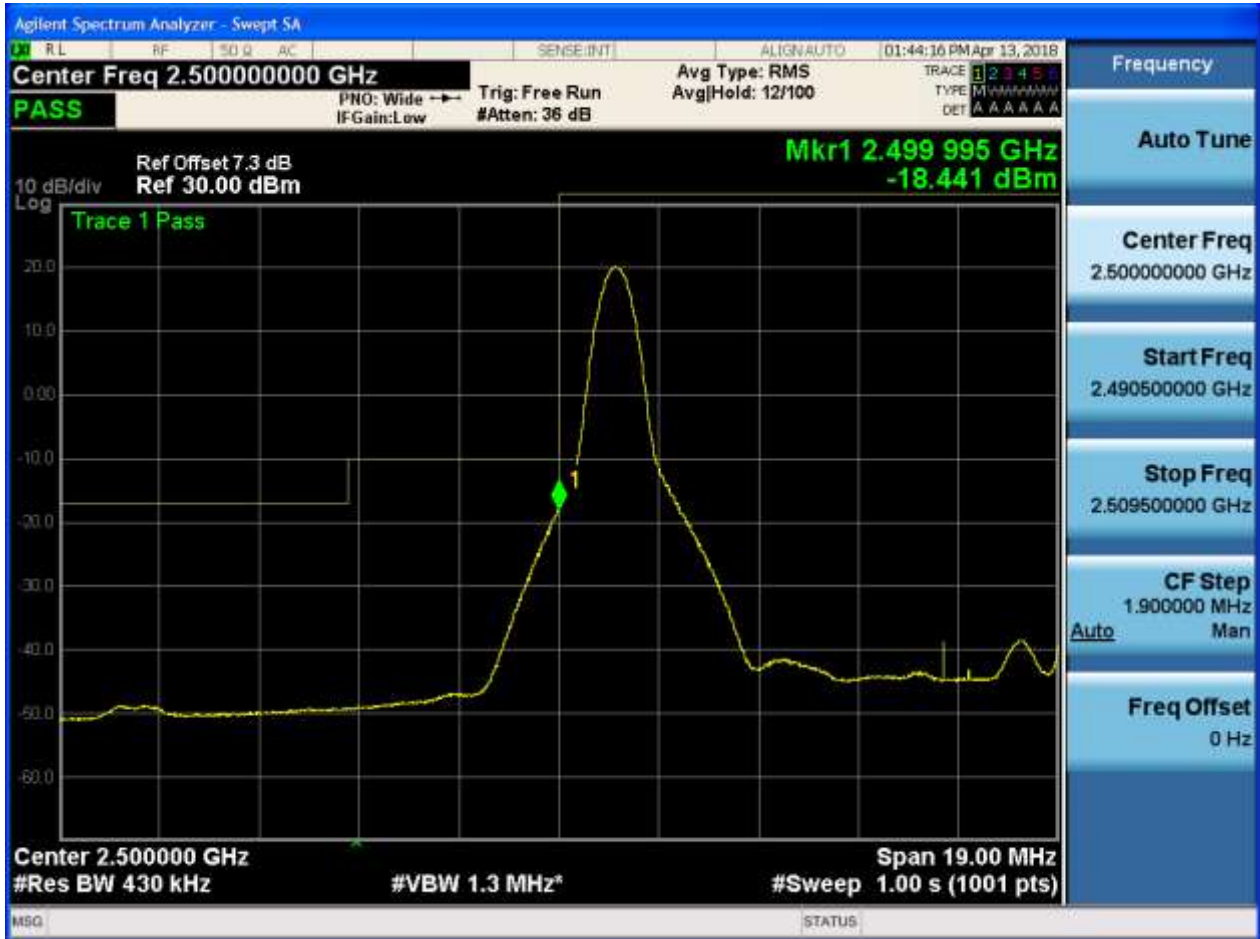




5.1.1.2.4 Test Bandwidth = 20

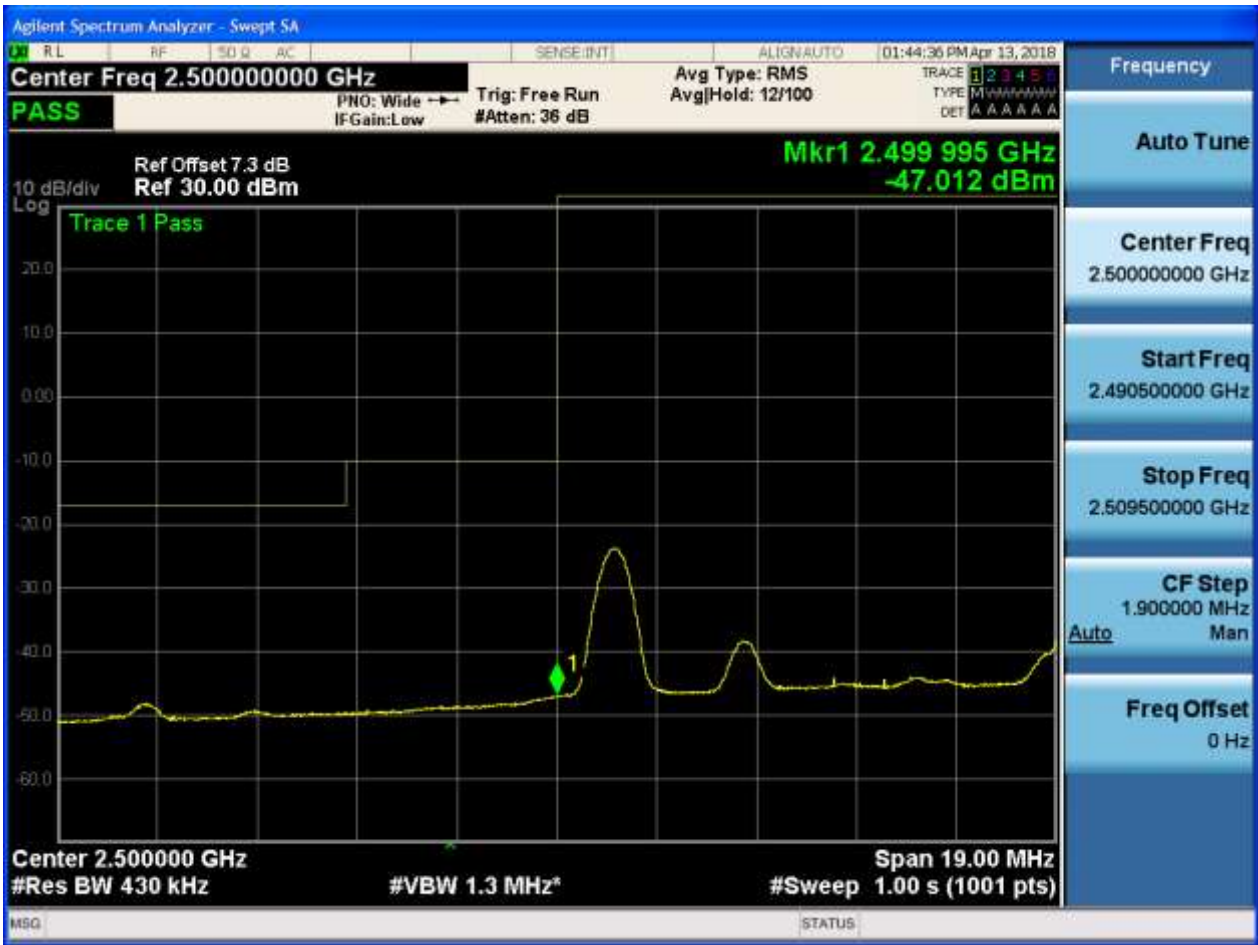
5.1.1.2.4.1 Test Channel = LCH

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





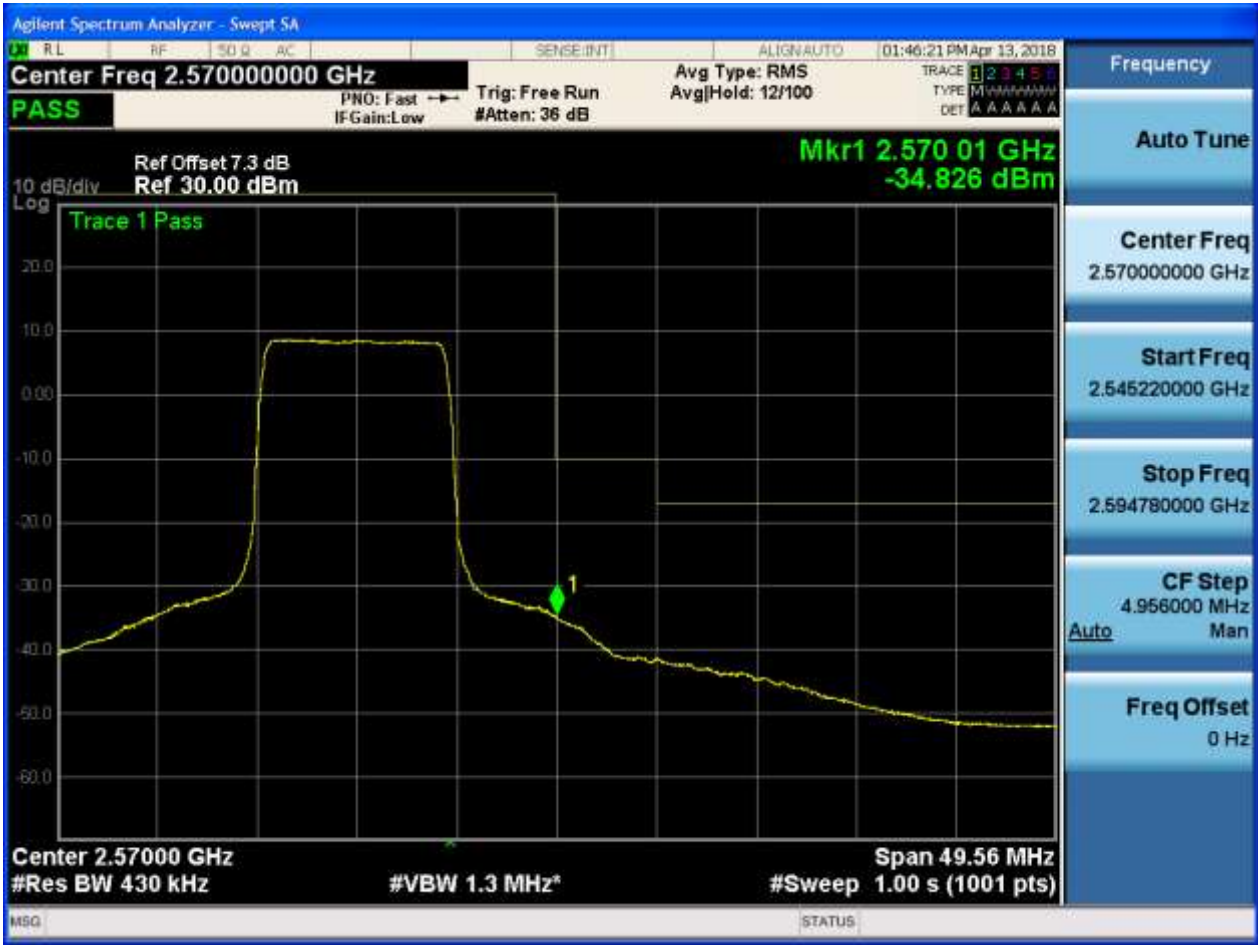
5.1.1.2.4.2.2 Test RB = RB1#99







5.1.1.2.4.2.3 Test RB = RB50#25





5.1.1.2.4.2.4 Test RB = RB100#0





## 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

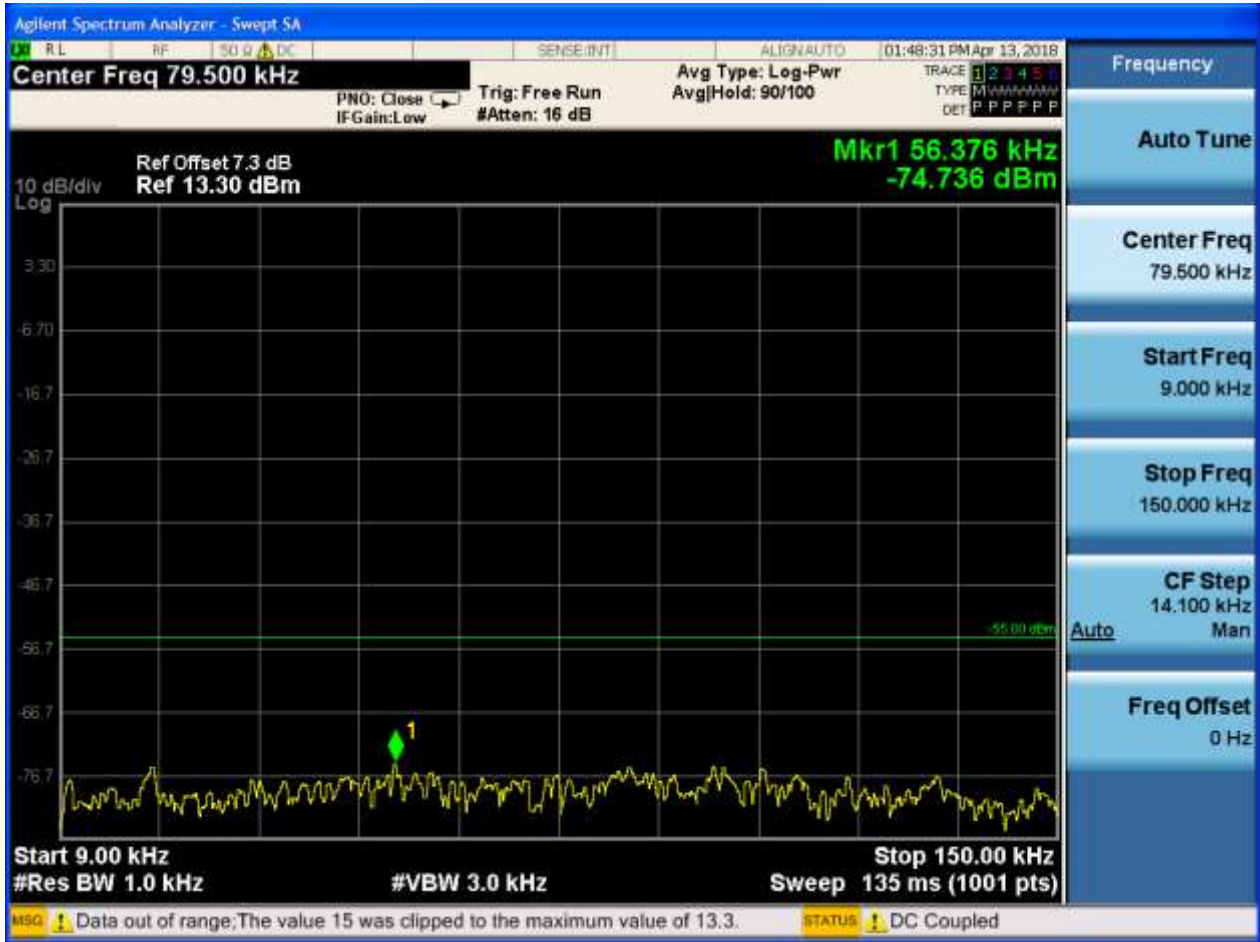
##### 6.1.1 Test Band = BAND7

##### 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

