



# 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
BAND7	LTE/TM1	5	LCH	RB1#0	22.35	21.75	33	PASS
				RB1#13	22.46	21.86	33	PASS
				RB1#24	22.39	21.79	33	PASS
				RB12#0	21.32	20.72	33	PASS
				RB12#6	21.38	20.78	33	PASS
				RB12#13	21.53	20.93	33	PASS
				RB25#0	21.37	20.77	33	PASS
			MCH	RB1#0	22.30	21.70	33	PASS
				RB1#13	22.29	21.69	33	PASS
				RB1#24	22.32	21.72	33	PASS
				RB12#0	21.34	20.74	33	PASS
				RB12#6	21.28	20.68	33	PASS
				RB12#13	21.26	20.66	33	PASS
				RB25#0	21.26	20.66	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.99	21.39	33	PASS
				RB1#13	22.04	21.44	33	PASS
				RB1#24	21.99	21.39	33	PASS
				RB12#0	21.16	20.56	33	PASS
				RB12#6	21.17	20.57	33	PASS
				RB12#13	21.08	20.48	33	PASS
				RB25#0	21.03	20.43	33	PASS
		10	LCH	RB1#0	22.36	21.76	33	PASS
				RB1#25	22.36	21.76	33	PASS
				RB1#49	22.38	21.78	33	PASS
				RB25#0	21.41	20.81	33	PASS
				RB25#13	21.43	20.83	33	PASS
				RB25#25	21.55	20.95	33	PASS
				RB50#0	21.40	20.80	33	PASS
		MCH	RB1#0	22.37	21.77	33	PASS	
			RB1#25	22.42	21.82	33	PASS	
			RB1#49	22.37	21.77	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.25	20.65	33	PASS
				RB25#13	21.28	20.68	33	PASS
				RB25#25	21.27	20.67	33	PASS
				RB50#0	21.22	20.62	33	PASS
			HCH	RB1#0	22.01	21.41	33	PASS
				RB1#25	21.92	21.32	33	PASS
				RB1#49	22.03	21.43	33	PASS
				RB25#0	21.09	20.49	33	PASS
			RB25#13	21.06	20.46	33	PASS	
			RB25#25	20.98	20.38	33	PASS	
			RB50#0	21.02	20.42	33	PASS	
			15	LCH	RB1#0	22.38	21.78	33
		RB1#38			22.46	21.86	33	PASS
		RB1#74			22.44	21.84	33	PASS
		RB38#0			21.44	20.84	33	PASS
		RB38#19			21.43	20.83	33	PASS
		RB38#39			21.45	20.85	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.40	20.80	33	PASS
			MCH	RB1#0	22.19	21.59	33	PASS
				RB1#38	22.30	21.70	33	PASS
				RB1#74	22.22	21.62	33	PASS
				RB38#0	21.29	20.69	33	PASS
				RB38#19	21.27	20.67	33	PASS
				RB38#39	21.21	20.61	33	PASS
				RB75#0	21.23	20.63	33	PASS
				HCH	RB1#0	21.94	21.34	33
			RB1#38		22.04	21.44	33	PASS
			RB1#74		21.91	21.31	33	PASS
			RB38#0		21.16	20.56	33	PASS
			RB38#19		21.07	20.47	33	PASS
			RB38#39		21.07	20.47	33	PASS
			RB75#0		20.99	20.39	33	PASS
		20	LCH	RB1#0	22.48	21.88	33	PASS
				RB1#50	22.35	21.75	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	22.76	22.16	33	PASS
				RB50#0	21.78	21.18	33	PASS
				RB50#25	21.69	21.09	33	PASS
				RB50#50	21.67	21.07	33	PASS
				RB100#0	21.64	21.04	33	PASS
			MCH	RB1#0	22.47	21.87	33	PASS
				RB1#50	22.29	21.69	33	PASS
				RB1#99	22.49	21.89	33	PASS
				RB50#0	21.53	20.93	33	PASS
				RB50#25	21.51	20.91	33	PASS
				RB50#50	21.48	20.88	33	PASS
				RB100#0	21.46	20.86	33	PASS
			HCH	RB1#0	22.17	21.57	33	PASS
				RB1#50	22.04	21.44	33	PASS
				RB1#99	22.25	21.65	33	PASS
				RB50#0	21.38	20.78	33	PASS
				RB50#25	21.22	20.62	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	21.34	20.74	33	PASS
				RB100#0	21.26	20.66	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.66	21.06	33	PASS
				RB1#13	21.61	21.01	33	PASS
				RB1#24	21.70	21.10	33	PASS
				RB12#0	20.35	19.75	33	PASS
				RB12#6	20.47	19.87	33	PASS
				RB12#13	20.42	19.82	33	PASS
				RB25#0	20.32	19.72	33	PASS
			MCH	RB1#0	21.54	20.94	33	PASS
				RB1#13	21.56	20.96	33	PASS
				RB1#24	21.51	20.91	33	PASS
				RB12#0	20.38	19.78	33	PASS
				RB12#6	20.22	19.62	33	PASS
				RB12#13	20.39	19.79	33	PASS
HCH	RB1#0	21.30	20.70	33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#13	21.44	20.84	33	PASS	
				RB1#24	21.24	20.64	33	PASS	
				RB12#0	20.12	19.52	33	PASS	
				RB12#6	20.10	19.50	33	PASS	
				RB12#13	20.02	19.42	33	PASS	
				RB25#0	19.99	19.39	33	PASS	
		10	LCH	RB1#0	21.68	21.08	33	PASS	
				RB1#25	21.33	20.73	33	PASS	
				RB1#49	21.82	21.22	33	PASS	
				RB25#0	20.32	19.72	33	PASS	
				RB25#13	20.38	19.78	33	PASS	
				RB25#25	20.39	19.79	33	PASS	
				RB50#0	20.35	19.75	33	PASS	
				MCH	RB1#0	21.43	20.83	33	PASS
					RB1#25	21.50	20.90	33	PASS
					RB1#49	21.50	20.90	33	PASS
RB25#0	20.15	19.55	33		PASS				





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.16	19.56	33	PASS
				RB25#25	20.28	19.68	33	PASS
				RB50#0	20.18	19.58	33	PASS
			HCH	RB1#0	21.39	20.79	33	PASS
				RB1#25	21.09	20.49	33	PASS
				RB1#49	21.34	20.74	33	PASS
				RB25#0	20.08	19.48	33	PASS
				RB25#13	20.04	19.44	33	PASS
				RB25#25	19.98	19.38	33	PASS
		RB50#0	19.93	19.33	33	PASS		
		15	LCH	RB1#0	21.61	21.01	33	PASS
				RB1#38	21.71	21.11	33	PASS
				RB1#74	21.64	21.04	33	PASS
				RB38#0	20.38	19.78	33	PASS
				RB38#19	20.37	19.77	33	PASS
RB38#39	20.36			19.76	33	PASS		
			RB75#0	20.30	19.70	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.25	20.65	33	PASS
				RB1#38	21.38	20.78	33	PASS
				RB1#74	21.27	20.67	33	PASS
				RB38#0	20.25	19.65	33	PASS
				RB38#19	20.24	19.64	33	PASS
				RB38#39	20.31	19.71	33	PASS
			RB75#0	20.18	19.58	33	PASS	
			HCH	RB1#0	21.22	20.62	33	PASS
				RB1#38	21.34	20.74	33	PASS
				RB1#74	21.10	20.50	33	PASS
				RB38#0	20.05	19.45	33	PASS
				RB38#19	20.01	19.41	33	PASS
		RB38#39		19.89	19.29	33	PASS	
		20	LCH	RB1#0	21.82	21.22	33	PASS
				RB1#50	21.70	21.10	33	PASS
RB1#99	22.08			21.48	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.64	20.04	33	PASS
				RB50#25	20.57	19.97	33	PASS
				RB50#50	20.56	19.96	33	PASS
				RB100#0	20.57	19.97	33	PASS
			MCH	RB1#0	21.76	21.16	33	PASS
				RB1#50	21.77	21.17	33	PASS
				RB1#99	21.95	21.35	33	PASS
				RB50#0	20.49	19.89	33	PASS
				RB50#25	20.46	19.86	33	PASS
				RB50#50	20.44	19.84	33	PASS
				RB100#0	20.42	19.82	33	PASS
			HCH	RB1#0	21.50	20.90	33	PASS
				RB1#50	21.23	20.63	33	PASS
				RB1#99	21.47	20.87	33	PASS
				RB50#0	20.28	19.68	33	PASS
				RB50#25	20.16	19.56	33	PASS
				RB50#50	20.17	19.57	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	20.11	19.51	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	4.32	13	PASS
				RB1#13	4.23	13	PASS
				RB1#24	4.34	13	PASS
				RB12#0	5.10	13	PASS
				RB12#6	5.00	13	PASS
				RB12#13	5.18	13	PASS
			RB25#0	5.74	13	PASS	
			MCH	RB1#0	4.20	13	PASS
				RB1#13	4.08	13	PASS
				RB1#24	4.13	13	PASS
				RB12#0	5.32	13	PASS
				RB12#6	5.25	13	PASS
		RB12#13		5.46	13	PASS	
		HCH	RB25#0	5.80	13	PASS	
			RB1#0	4.71	13	PASS	
			RB1#13	4.54	13	PASS	
			RB1#24	4.62	13	PASS	
			RB12#0	5.37	13	PASS	
			RB12#6	5.27	13	PASS	
		10	LCH	RB12#13	5.37	13	PASS
				RB25#0	5.84	13	PASS
				RB1#0	4.11	13	PASS
				RB1#25	4.29	13	PASS
				RB1#49	4.50	13	PASS
RB25#0	5.29			13	PASS		
MCH	RB25#13		5.32	13	PASS		
	RB25#25		5.52	13	PASS		
	RB50#0		5.71	13	PASS		
	RB1#0		4.38	13	PASS		
	RB1#25		4.24	13	PASS		
	RB1#49		4.30	13	PASS		
RB25#0	5.43	13	PASS				
RB25#13	5.26	13	PASS				
RB25#25	5.45	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB50#0	5.83	13	PASS
				RB1#0	4.61	13	PASS
				RB1#25	4.70	13	PASS
				RB1#49	4.54	13	PASS
				RB25#0	5.82	13	PASS
				RB25#13	5.70	13	PASS
				RB25#25	5.80	13	PASS
				RB50#0	5.92	13	PASS
		15	LCH	RB1#0	4.11	13	PASS
				RB1#38	4.22	13	PASS
				RB1#74	4.54	13	PASS
				RB38#0	5.44	13	PASS
				RB38#19	5.44	13	PASS
				RB38#39	5.70	13	PASS
				RB75#0	5.95	13	PASS
			MCH	RB1#0	4.52	13	PASS
				RB1#38	4.22	13	PASS
				RB1#74	4.35	13	PASS
				RB38#0	5.61	13	PASS
				RB38#19	5.40	13	PASS
				RB38#39	5.58	13	PASS
				RB75#0	5.96	13	PASS
			HCH	RB1#0	4.56	13	PASS
				RB1#38	4.51	13	PASS
				RB1#74	4.52	13	PASS
		RB38#0		5.97	13	PASS	
		RB38#19		5.83	13	PASS	
		RB38#39		5.96	13	PASS	
		RB75#0		6.27	13	PASS	
		20	LCH	RB1#0	4.02	13	PASS
				RB1#50	4.55	13	PASS
				RB1#99	4.52	13	PASS
				RB50#0	5.32	13	PASS
RB50#25	5.42			13	PASS		
RB50#50	5.64			13	PASS		
RB100#0	5.92			13	PASS		
MCH	RB1#0		4.43	13	PASS		
	RB1#50		4.20	13	PASS		
	RB1#99		4.16	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.36	13	PASS
				RB50#25	5.20	13	PASS
				RB50#50	5.35	13	PASS
				RB100#0	5.81	13	PASS
			HCH	RB1#0	4.42	13	PASS
				RB1#50	4.50	13	PASS
				RB1#99	4.47	13	PASS
				RB50#0	5.90	13	PASS
				RB50#25	5.75	13	PASS
				RB50#50	5.86	13	PASS
			RB100#0	6.08	13	PASS	
			LCH	RB1#0	4.84	13	PASS
				RB1#13	4.84	13	PASS
				RB1#24	5.00	13	PASS
	RB12#0	6.20		13	PASS		
	RB12#6	5.89		13	PASS		
	RB12#13	6.05		13	PASS		
	RB25#0	6.53		13	PASS		
	MCH	RB1#0		4.80	13	PASS	
		RB1#13		4.75	13	PASS	
		RB1#24		4.83	13	PASS	
		RB12#0		6.14	13	PASS	
		RB12#6		6.06	13	PASS	
		RB12#13		6.12	13	PASS	
	HCH	RB25#0		6.69	13	PASS	
		RB1#0		5.15	13	PASS	
		RB1#13		5.10	13	PASS	
		RB1#24		5.13	13	PASS	
		RB12#0		6.48	13	PASS	
		RB12#6	6.50	13	PASS		
	LCH	RB12#13	6.50	13	PASS		
		RB25#0	6.49	13	PASS		
RB1#0		4.69	13	PASS			
RB1#25		4.91	13	PASS			
RB1#49		5.21	13	PASS			
RB25#0		6.17	13	PASS			
RB25#13		6.14	13	PASS			
RB25#25	6.32	13	PASS				
RB50#0	6.41	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		15	MCH	RB1#0	5.33	13	PASS
				RB1#25	5.34	13	PASS
				RB1#49	5.21	13	PASS
				RB25#0	6.35	13	PASS
				RB25#13	6.25	13	PASS
				RB25#25	6.23	13	PASS
				RB50#0	6.76	13	PASS
			HCH	RB1#0	5.08	13	PASS
				RB1#25	4.99	13	PASS
				RB1#49	5.09	13	PASS
				RB25#0	6.51	13	PASS
				RB25#13	6.33	13	PASS
				RB25#25	6.45	13	PASS
				RB50#0	6.60	13	PASS
		20	LCH	RB1#0	5.02	13	PASS
				RB1#38	5.43	13	PASS
				RB1#74	5.79	13	PASS
				RB38#0	6.38	13	PASS
				RB38#19	6.39	13	PASS
				RB38#39	6.61	13	PASS
				RB75#0	6.75	13	PASS
			MCH	RB1#0	5.12	13	PASS
				RB1#38	4.89	13	PASS
				RB1#74	5.04	13	PASS
				RB38#0	6.43	13	PASS
				RB38#19	6.32	13	PASS
				RB38#39	6.40	13	PASS
				RB75#0	6.86	13	PASS
		HCH	RB1#0	5.17	13	PASS	
			RB1#38	4.94	13	PASS	
			RB1#74	5.14	13	PASS	
			RB38#0	6.45	13	PASS	
RB38#19	6.27		13	PASS			
RB38#39	6.49		13	PASS			
RB75#0	7.00		13	PASS			
LCH	RB1#0	4.68	13	PASS			
	RB1#50	4.87	13	PASS			
	RB1#99	5.12	13	PASS			
	RB50#0	6.23	13	PASS			





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB50#25	6.25	13	PASS			
				RB50#50	6.45	13	PASS			
				RB100#0	6.69	13	PASS			
			MCH	RB1#0	5.24	13	PASS			
				RB1#50	4.73	13	PASS			
				RB1#99	4.97	13	PASS			
				RB50#0	6.33	13	PASS			
				RB50#25	6.20	13	PASS			
				RB50#50	6.32	13	PASS			
				RB100#0	6.62	13	PASS			
			HCH	RB1#0	5.23	13	PASS			
				RB1#50	5.35	13	PASS			
				RB1#99	5.26	13	PASS			
				RB50#0	6.46	13	PASS			
				RB50#25	6.36	13	PASS			
				RB50#50	6.41	13	PASS			
							RB100#0	6.84	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

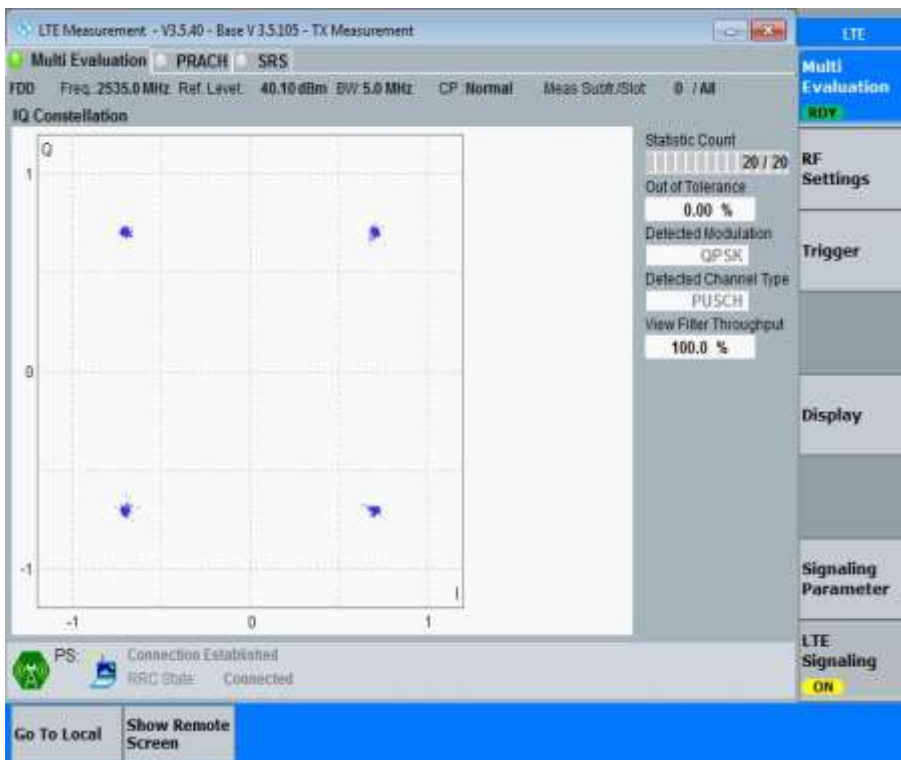
##### 3.1.1 Test Band = BAND7

##### 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

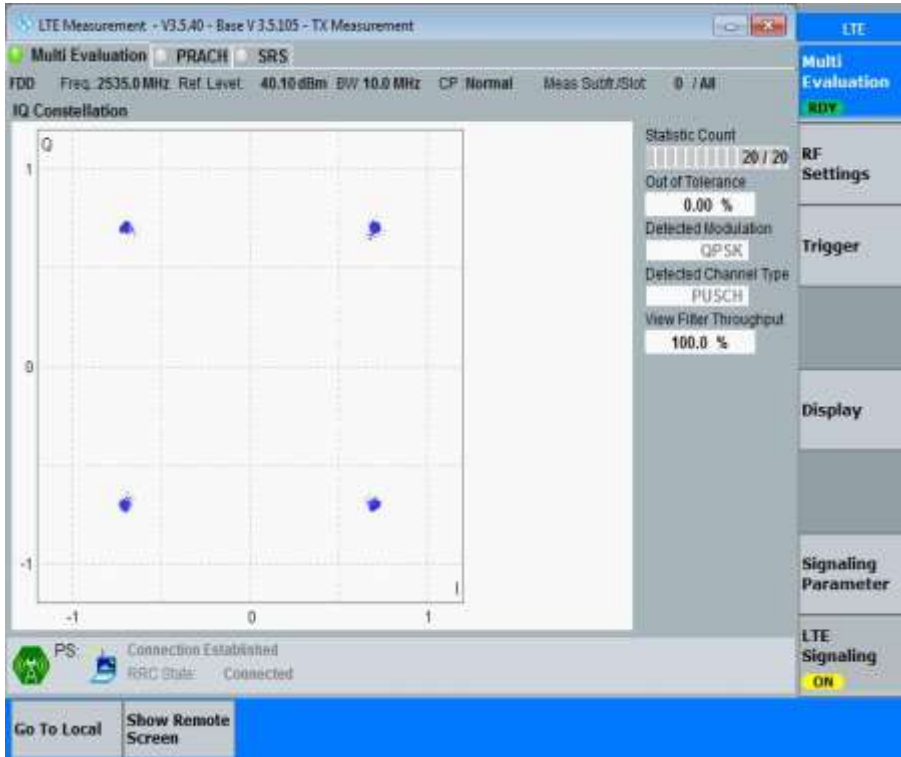
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 3.1.1.1.2 Test Bandwidth = 10

#### 3.1.1.1.2.1 Test Channel = MCH

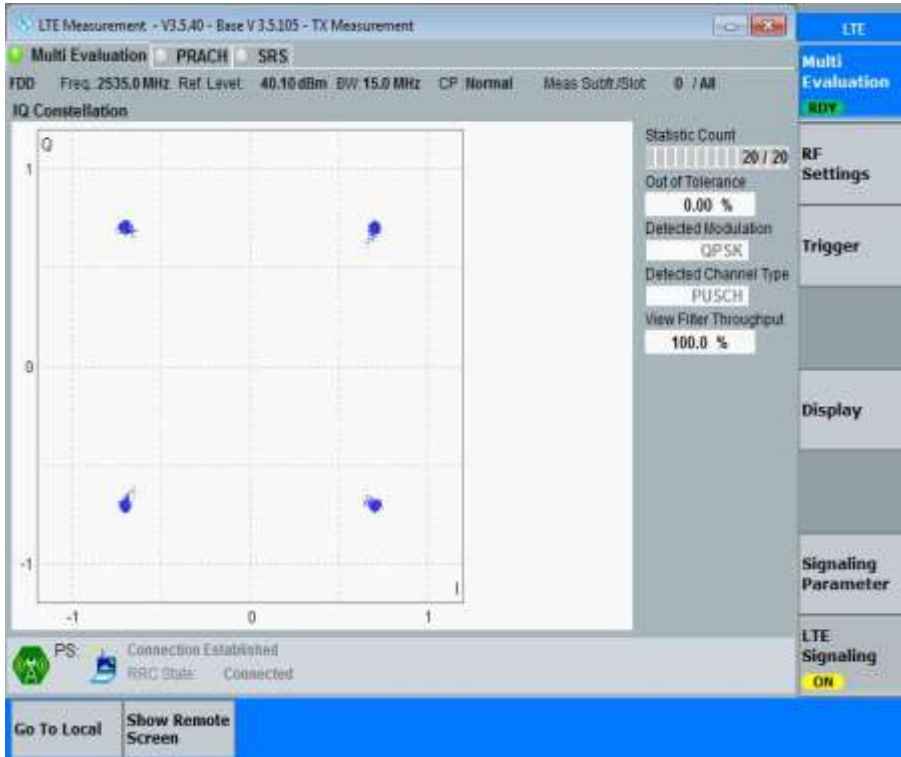
##### 3.1.1.1.2.1.1 Test RB = RB50#0



### 3.1.1.1.3 Test Bandwidth = 15

#### 3.1.1.1.3.1 Test Channel = MCH

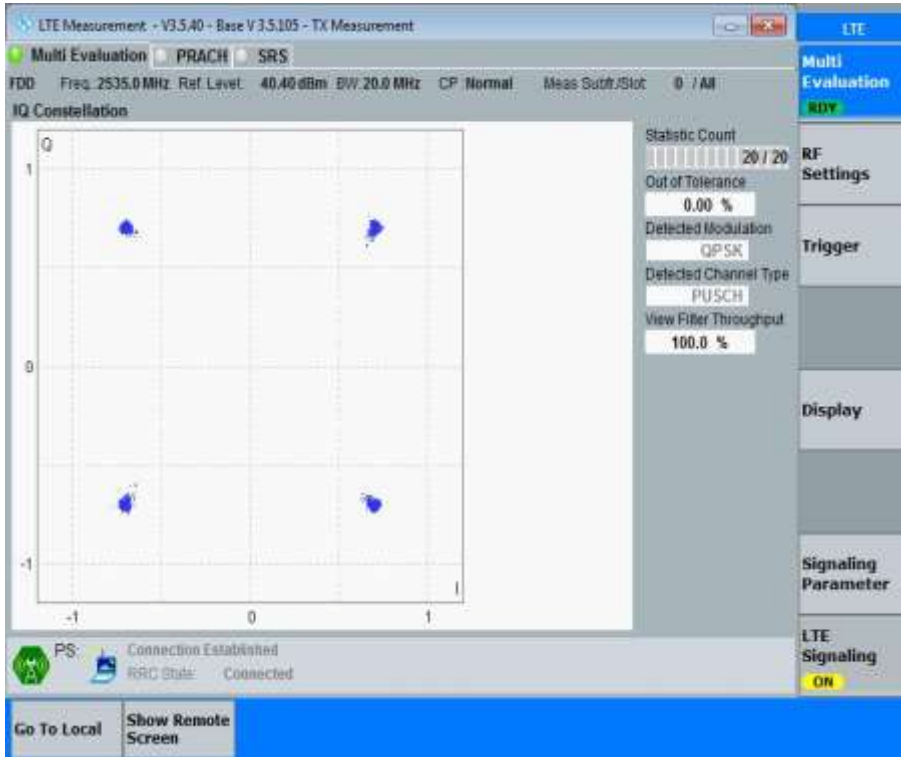
##### 3.1.1.1.3.1.1 Test RB = RB75#0



### 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

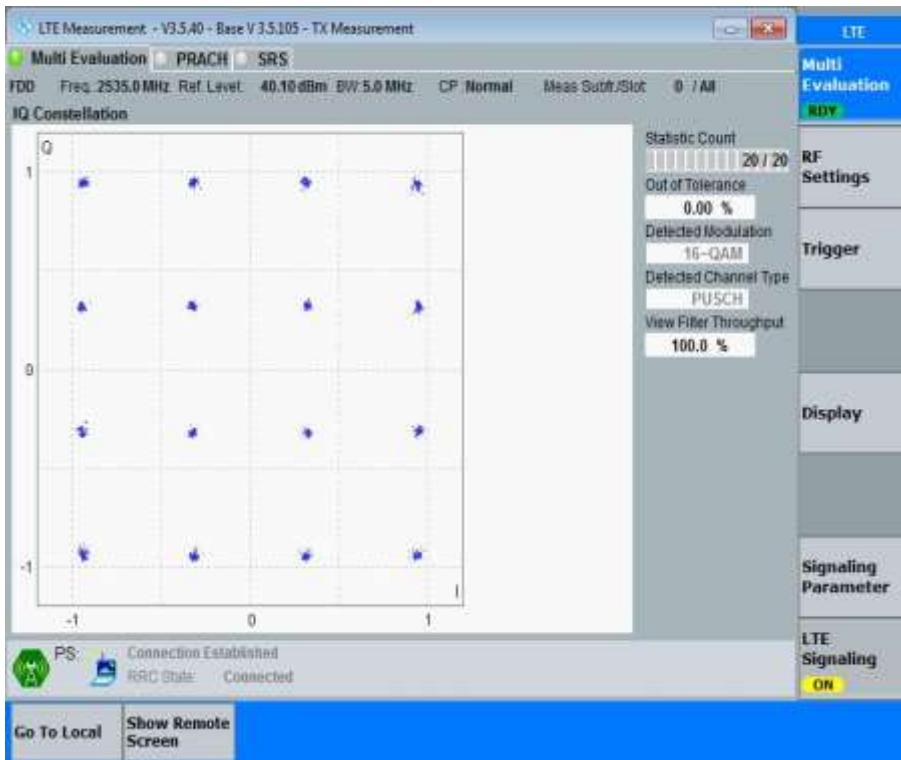


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 5

##### 3.1.1.2.1.1 Test Channel = MCH

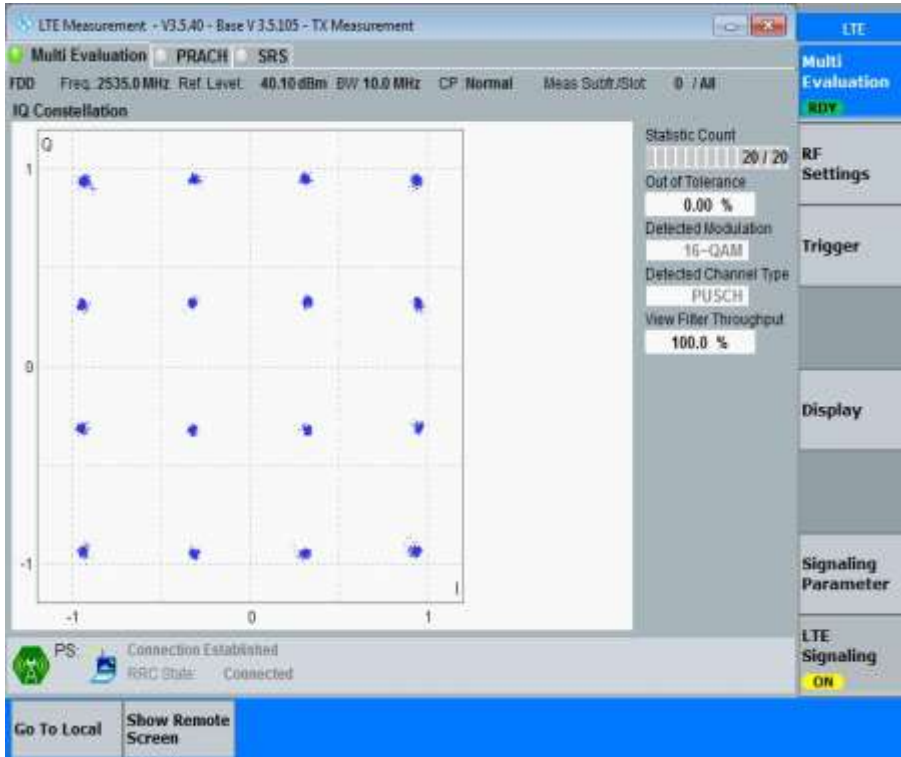
##### 3.1.1.2.1.1.1 Test RB = RB25#0



### 3.1.1.2.2 Test Bandwidth = 10

#### 3.1.1.2.2.1 Test Channel = MCH

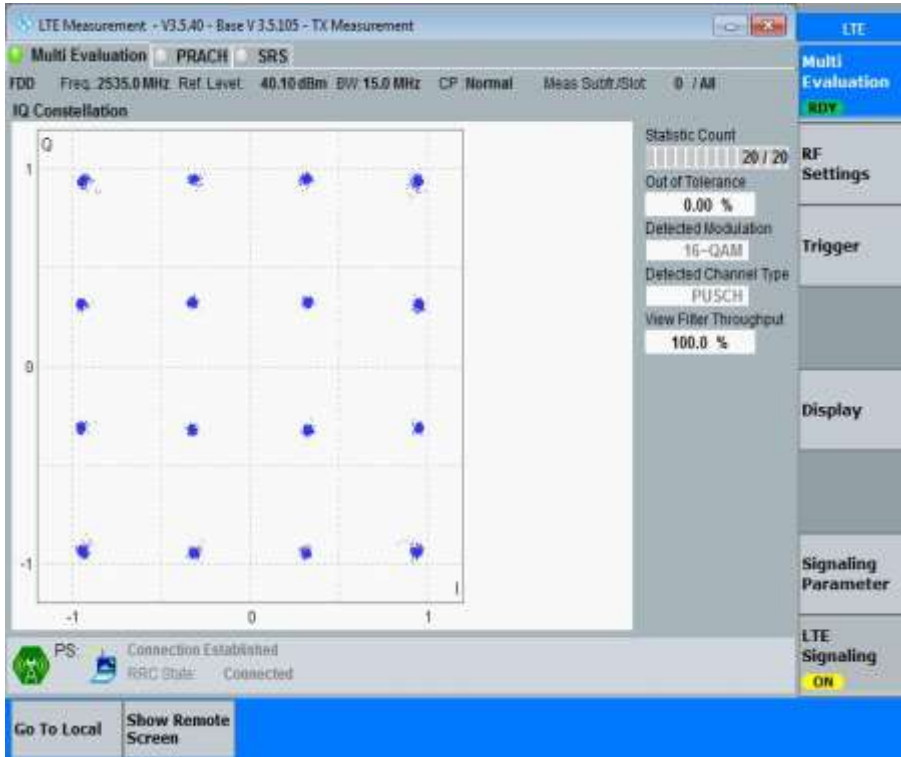
##### 3.1.1.2.2.1.1 Test RB = RB50#0



### 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

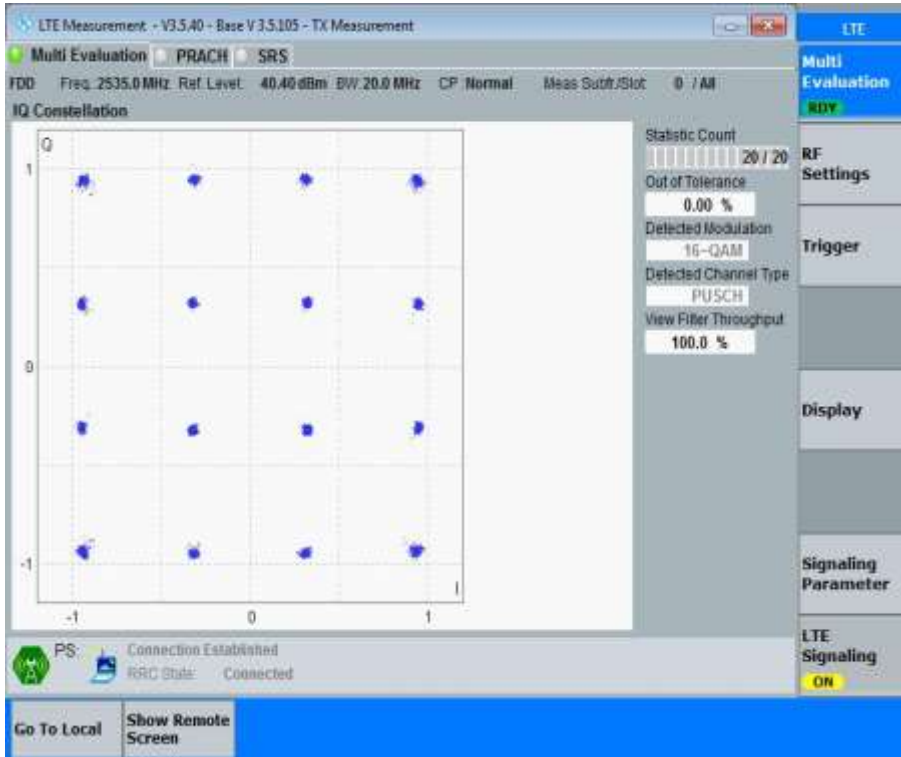




### 3.1.1.2.4 Test Bandwidth = 20

#### 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	4.93	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.52	4.97	Pass
		10	LCH	RB50#0	9.00	9.85	Pass
			MCH	RB50#0	9.00	9.92	Pass
			HCH	RB50#0	9.01	9.78	Pass
		15	LCH	RB75#0	13.52	14.97	Pass
			MCH	RB75#0	13.48	14.78	Pass
			HCH	RB75#0	13.51	14.87	Pass
		20	LCH	RB100#0	18.00	19.76	Pass
			MCH	RB100#0	17.97	19.79	Pass
			HCH	RB100#0	18.01	19.66	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.52	4.92	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.99	9.92	Pass
			MCH	RB50#0	8.98	9.90	Pass
			HCH	RB50#0	8.99	9.89	Pass
		15	LCH	RB75#0	13.49	15.00	Pass
			MCH	RB75#0	13.48	14.89	Pass
			HCH	RB75#0	13.51	14.95	Pass
		20	LCH	RB100#0	18.02	19.63	Pass
			MCH	RB100#0	18.00	19.83	Pass
			HCH	RB100#0	18.03	19.80	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

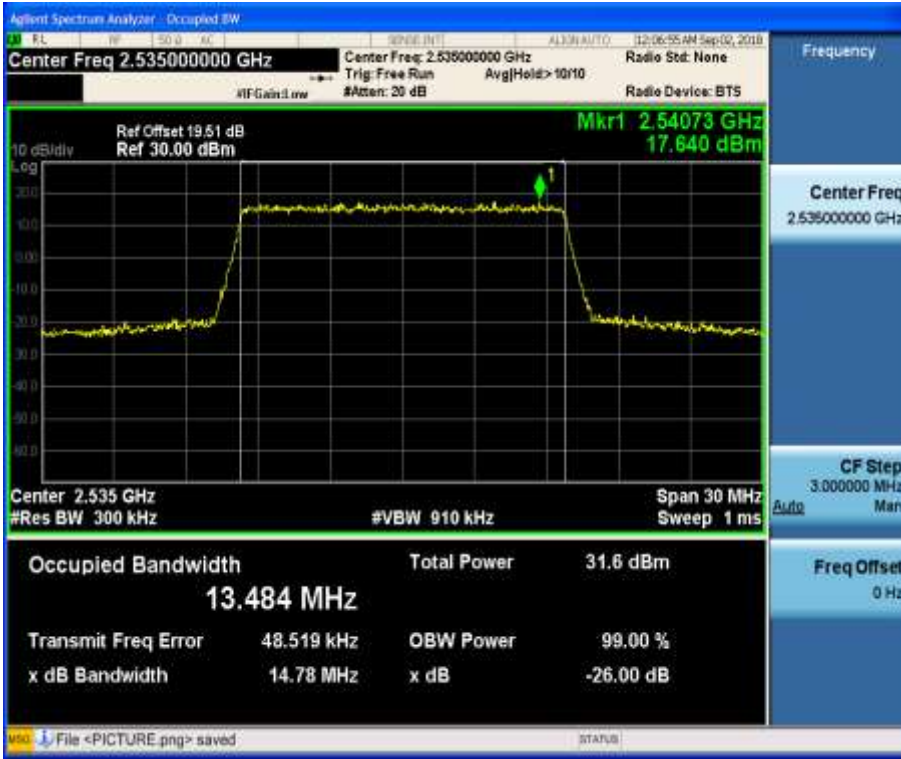
4.1.1.1.3.1 Test Channel = LCH

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

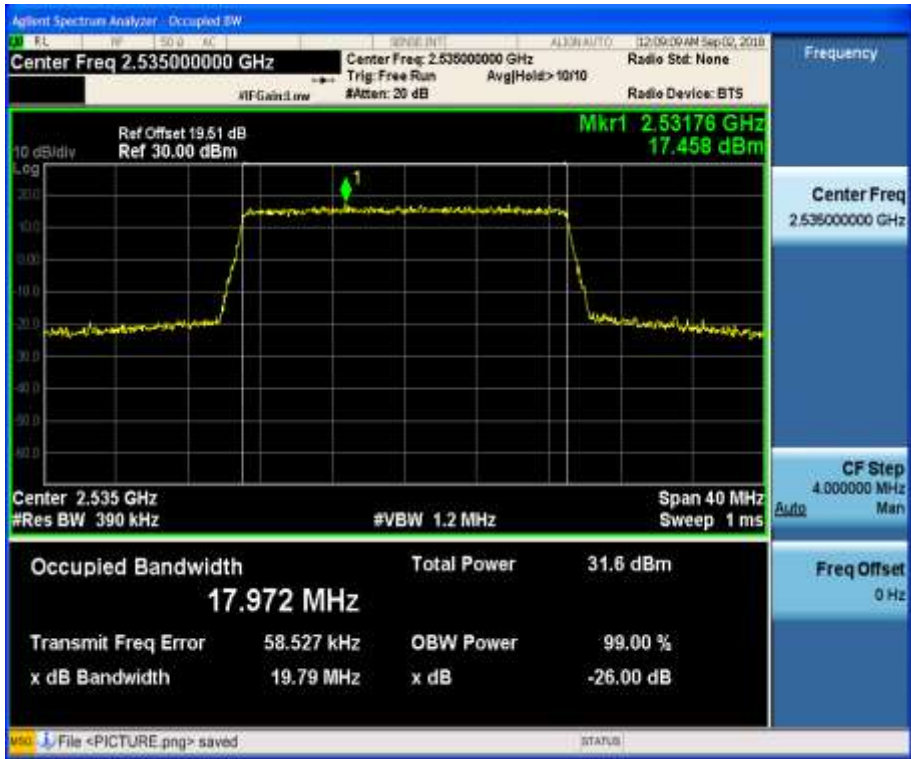
4.1.1.1.4.1.1 Test RB = RB100#0





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

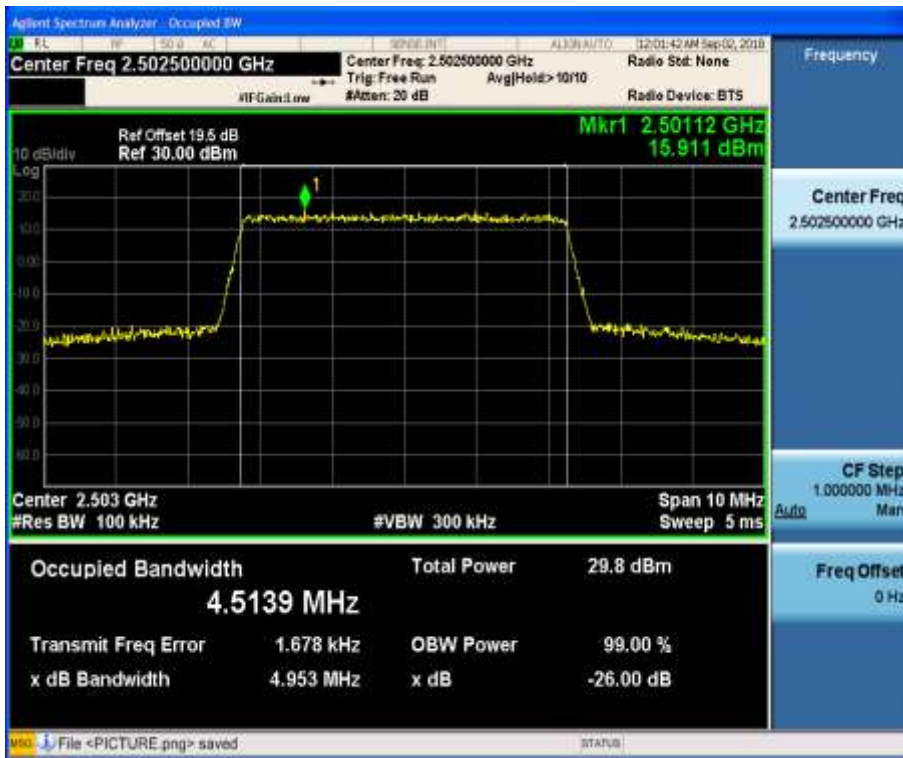


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

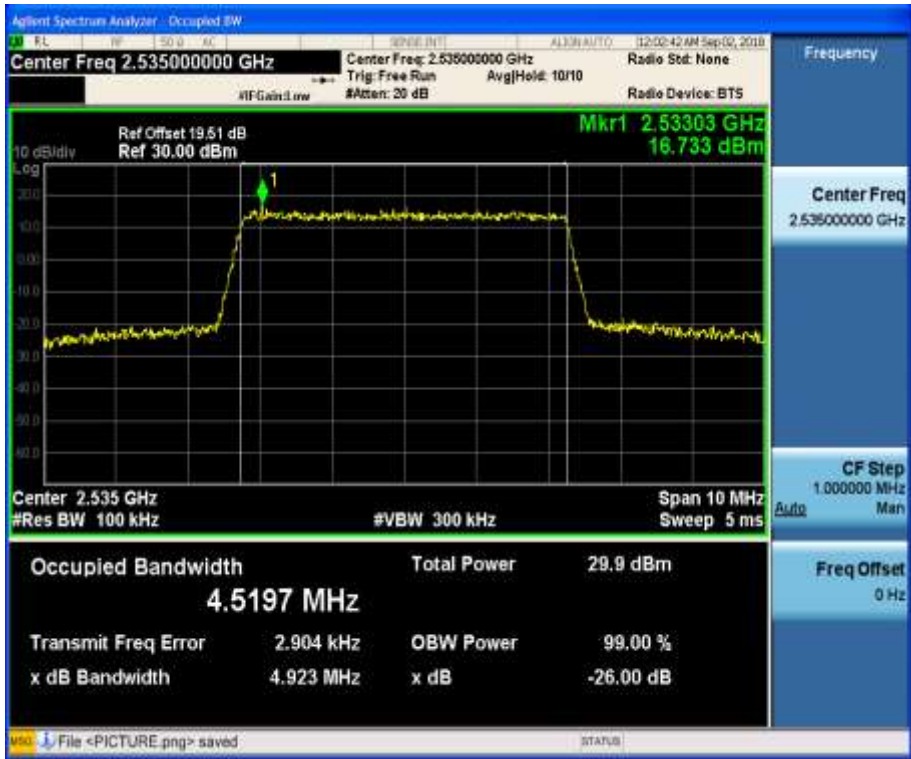
4.1.1.2.1.1 Test Channel = LCH

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

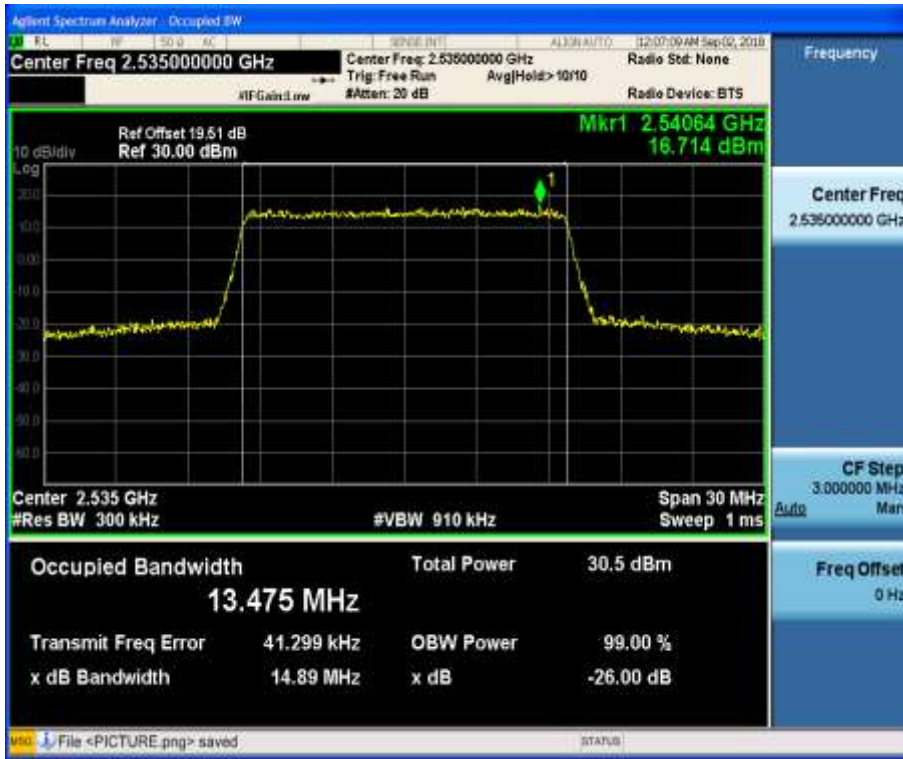
4.1.1.2.3.1 Test Channel = LCH

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

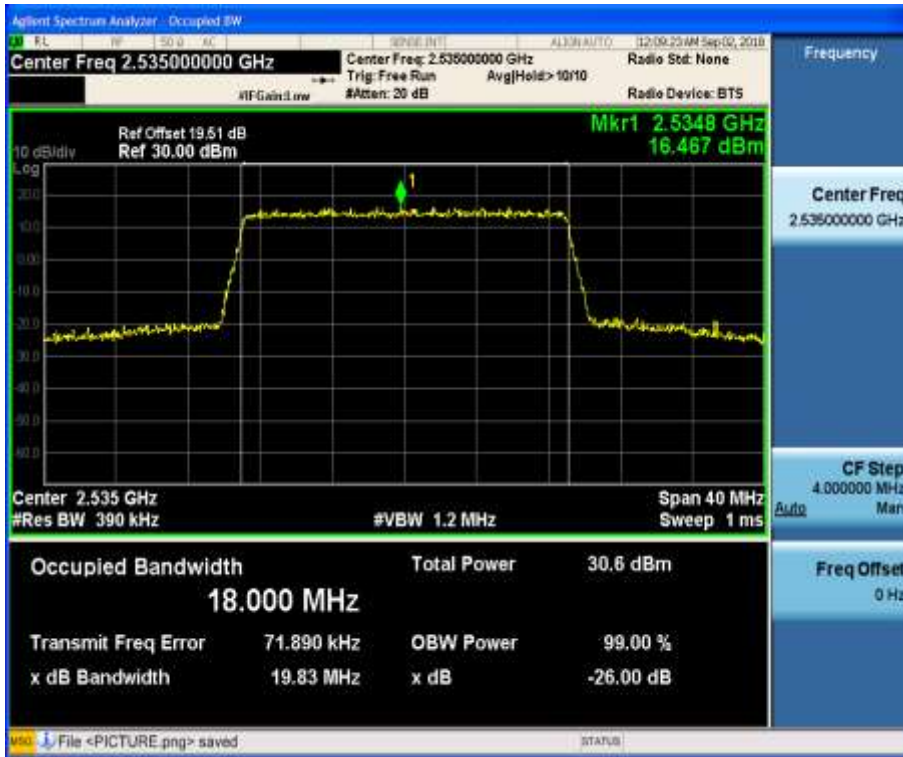
4.1.1.2.4.1.1 Test RB = RB100#0





#### 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

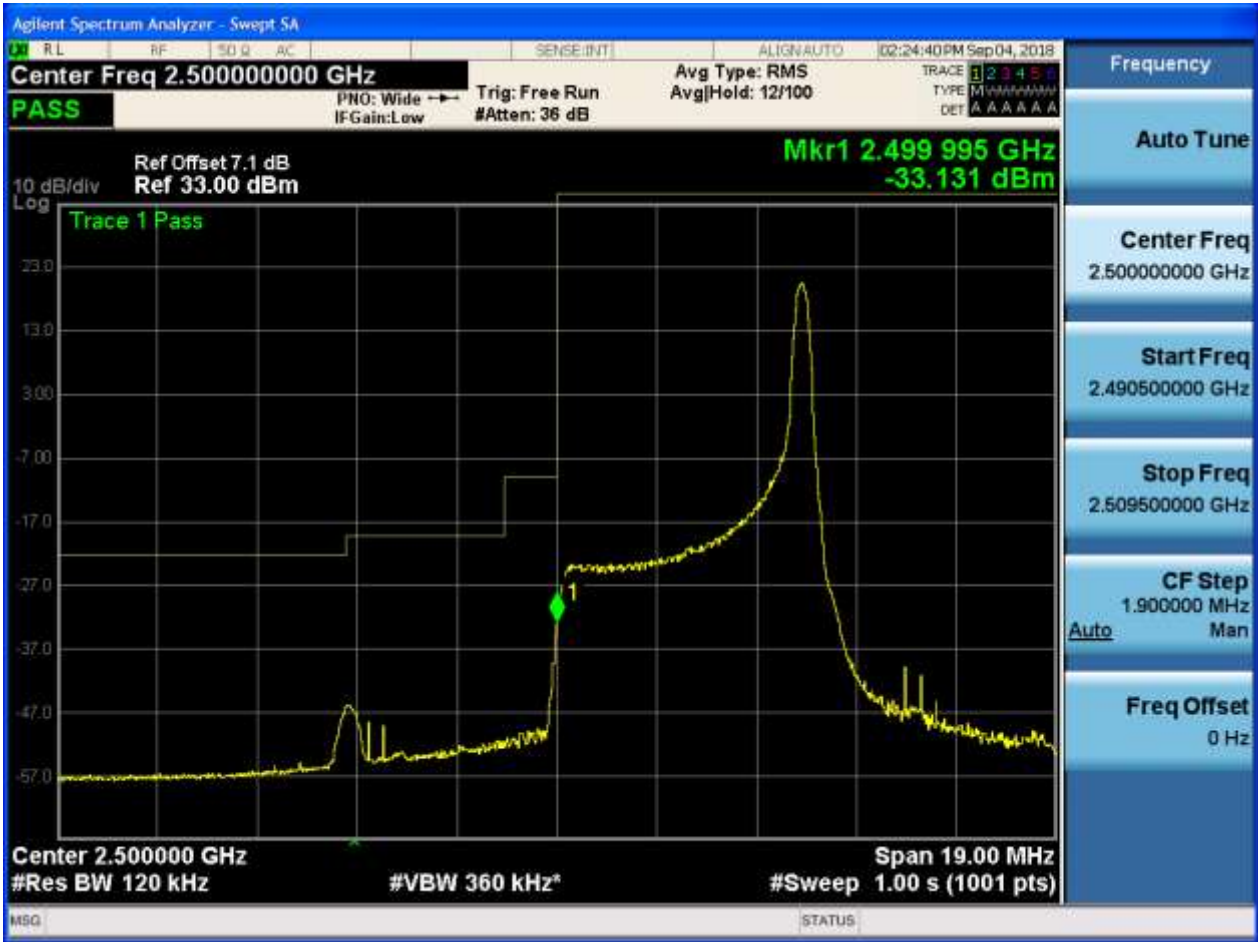
##### 5.1.1.1.1.1 Test Channel = LCH

##### 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





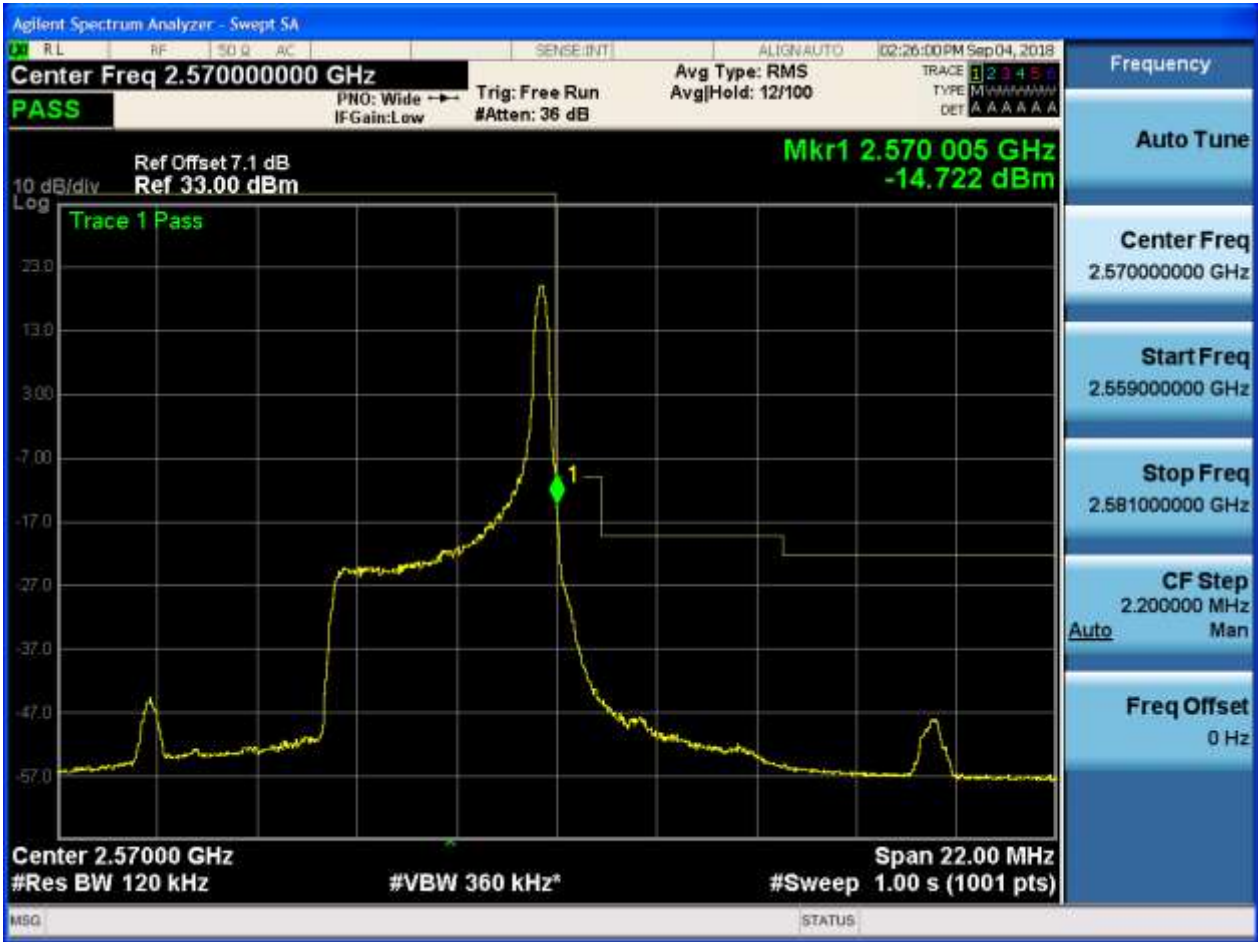
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#24







5.1.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.1.2.4 Test RB = RB25#0

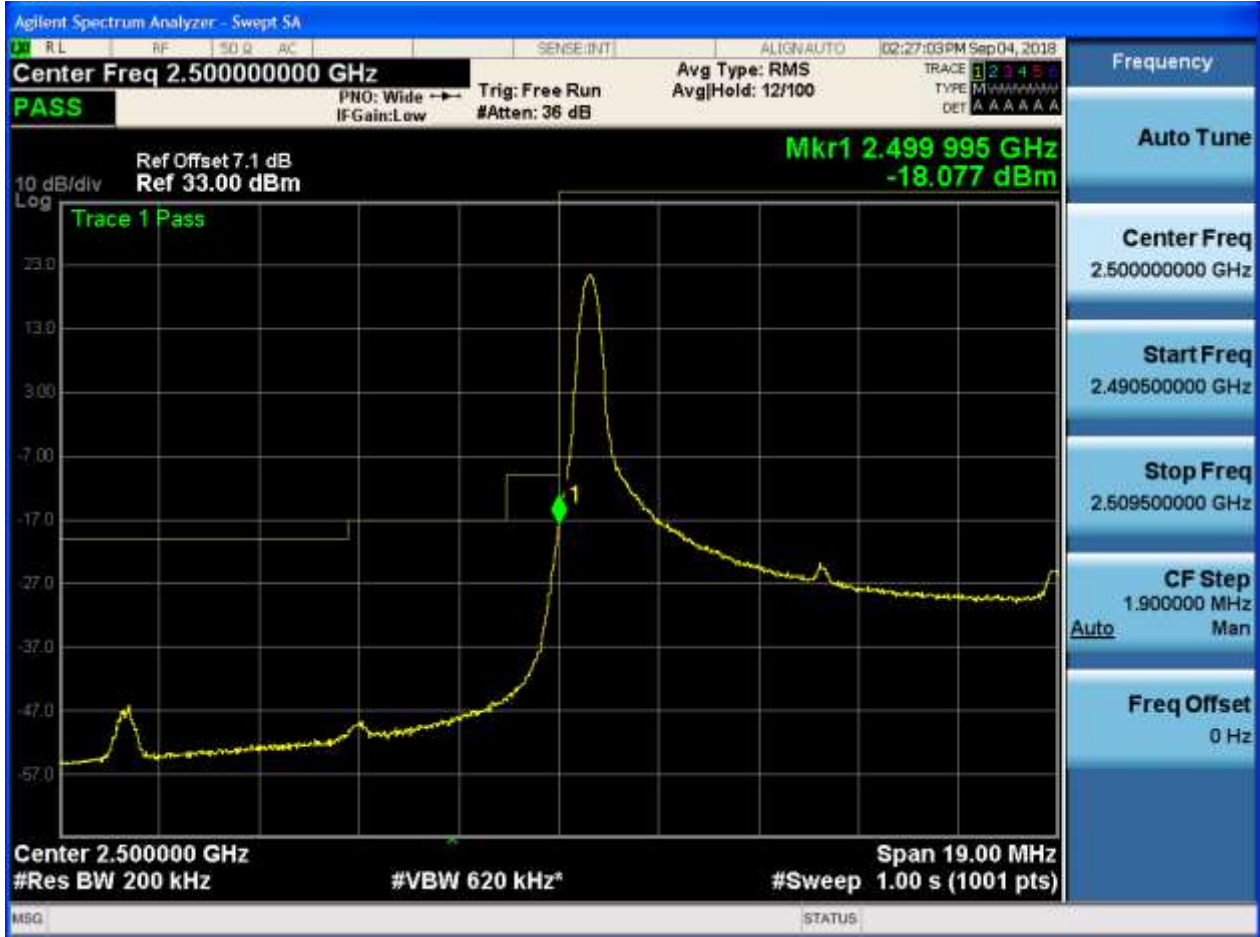




5.1.1.1.2 Test Bandwidth = 10

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





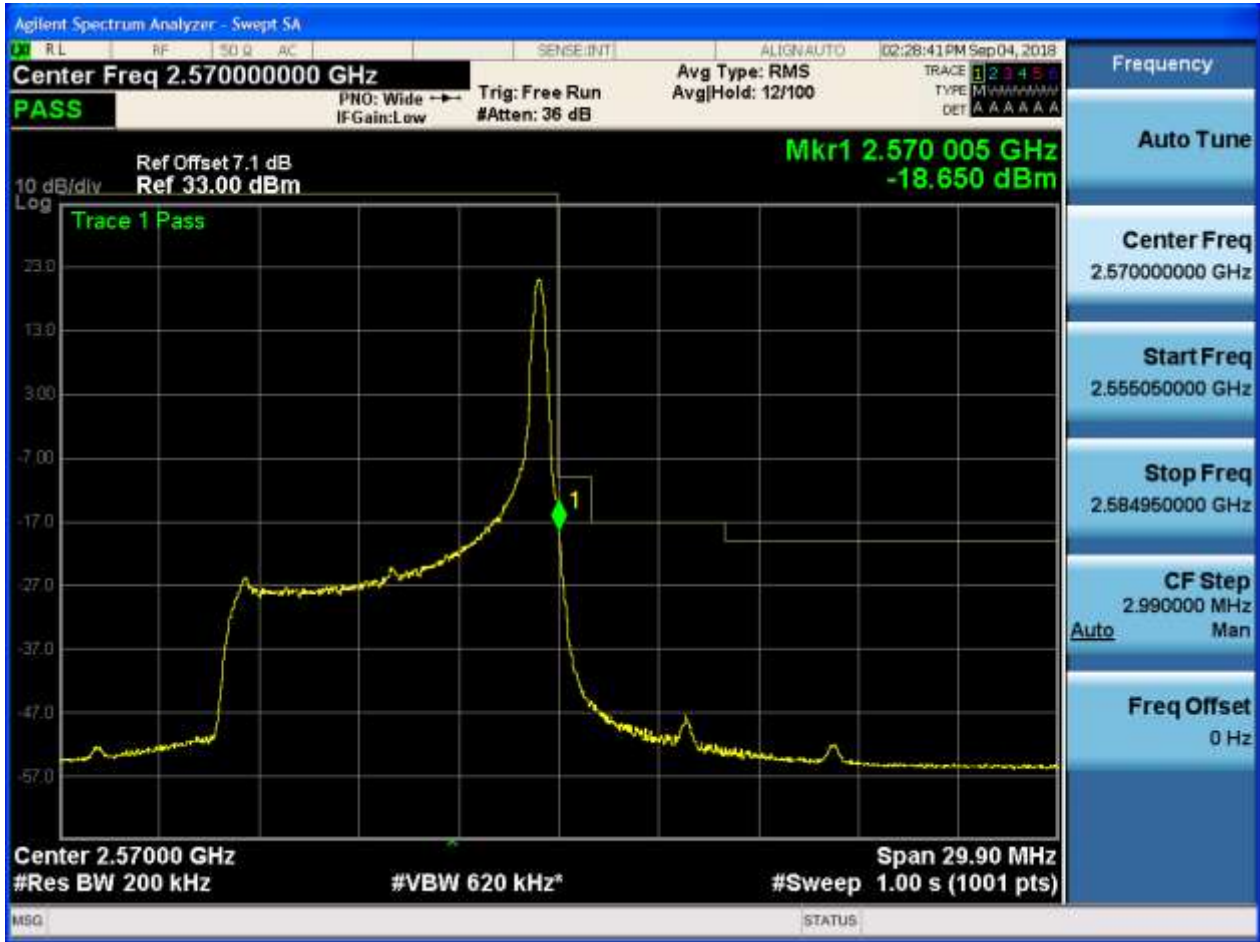
5.1.1.1.2.2 Test Channel = HCH

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





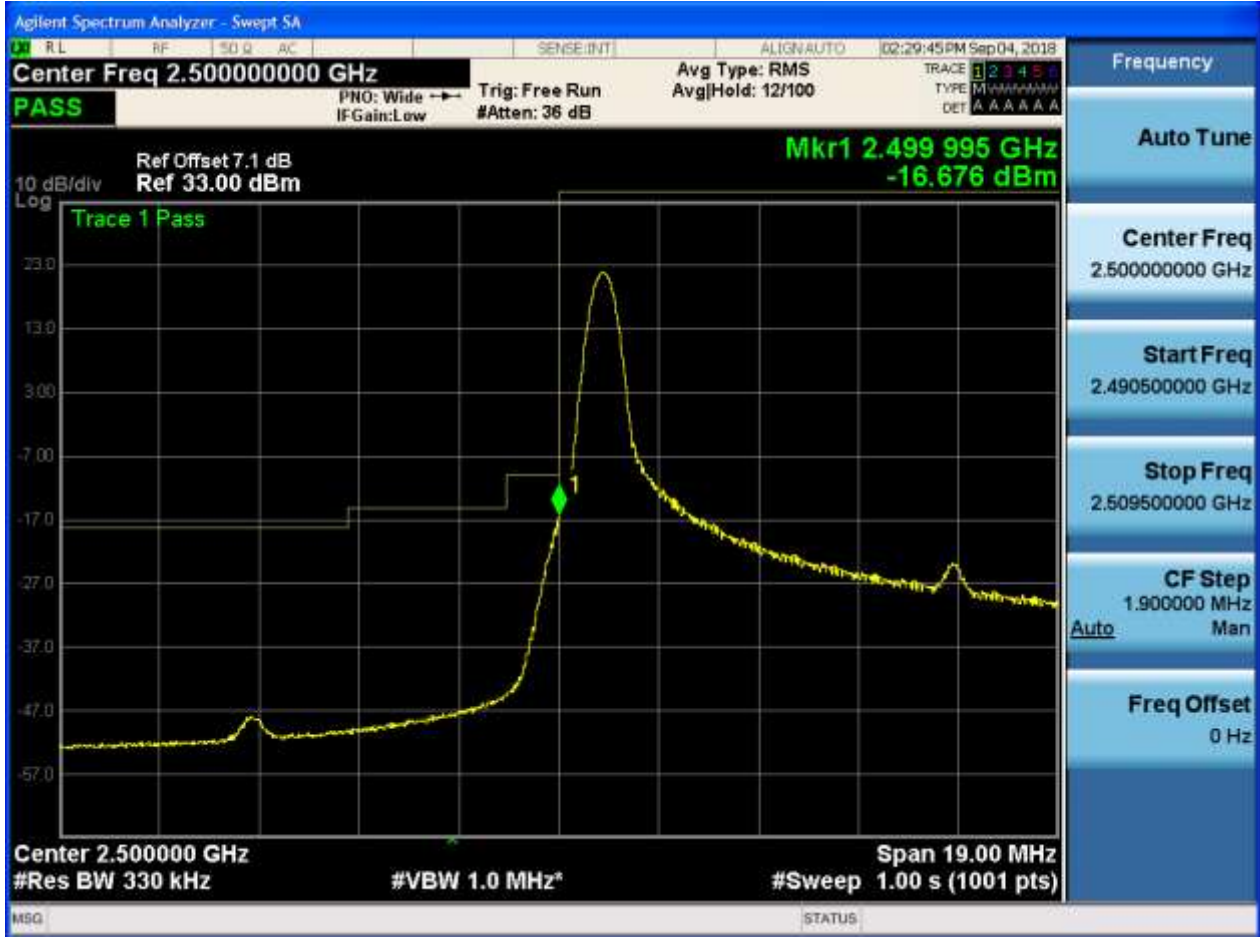
5.1.1.1.2.2.4 Test RB = RB50#0



## 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





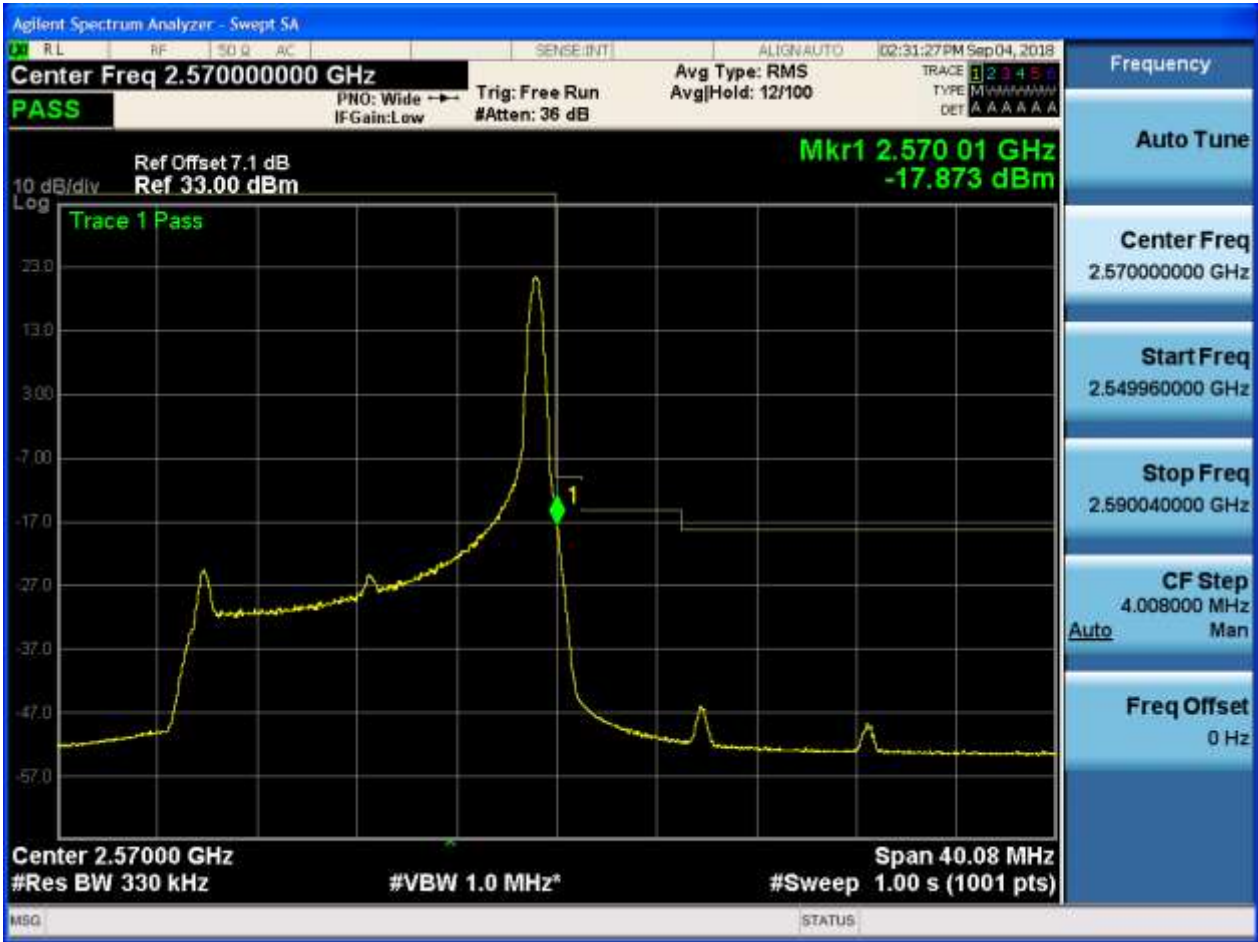
5.1.1.1.3.2 Test Channel = HCH

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





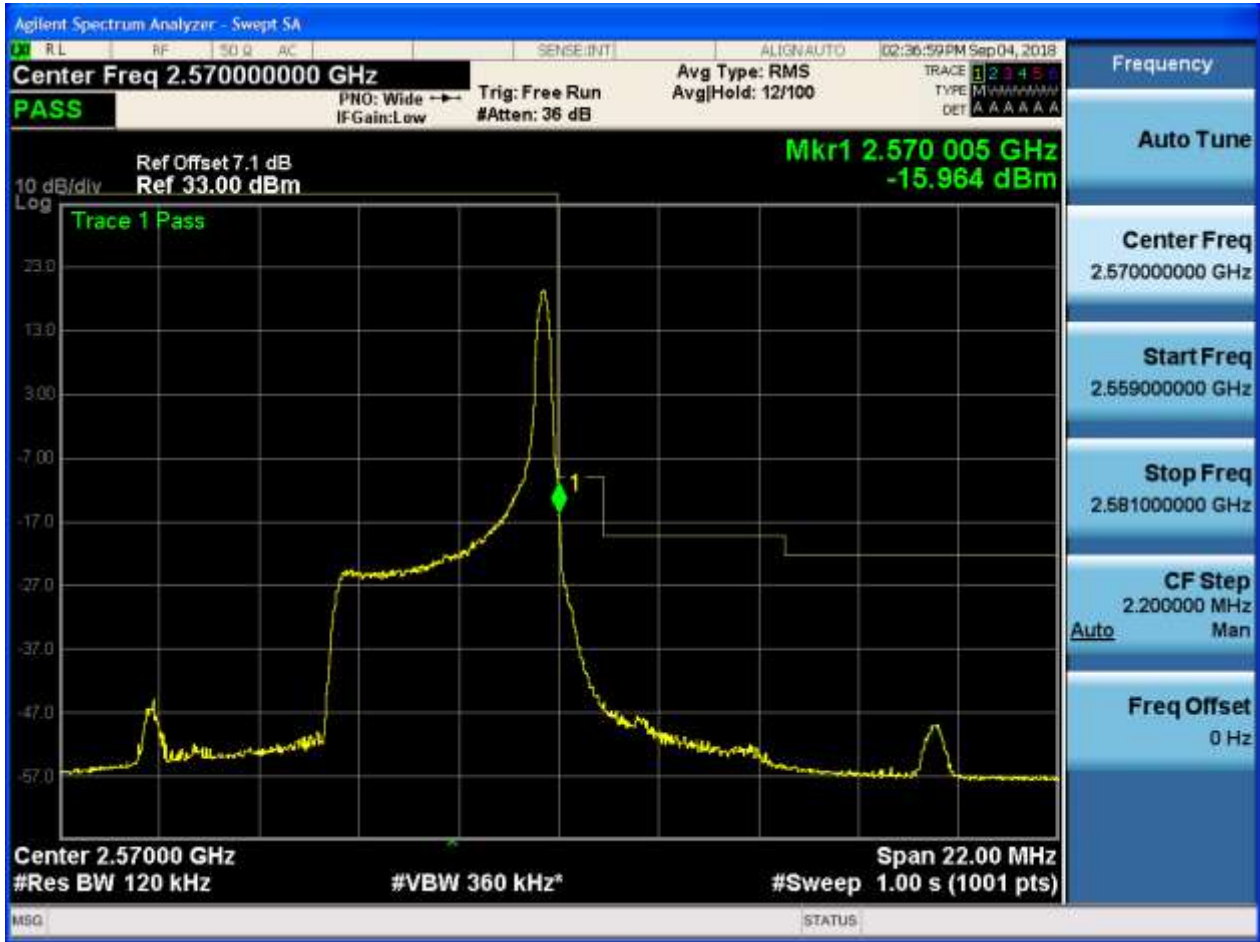
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





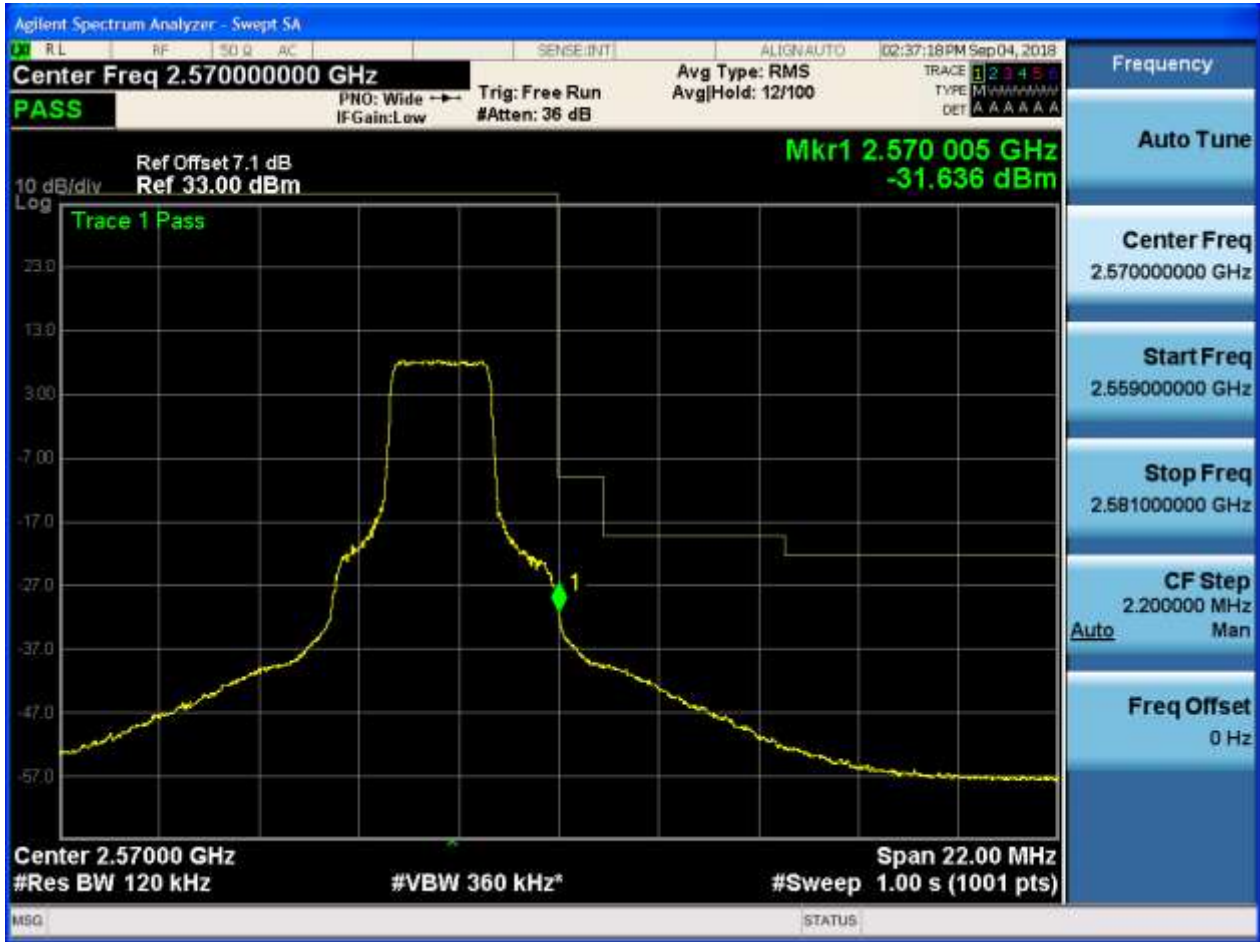
5.1.1.2.1.2.2 Test RB = RB1#24







5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

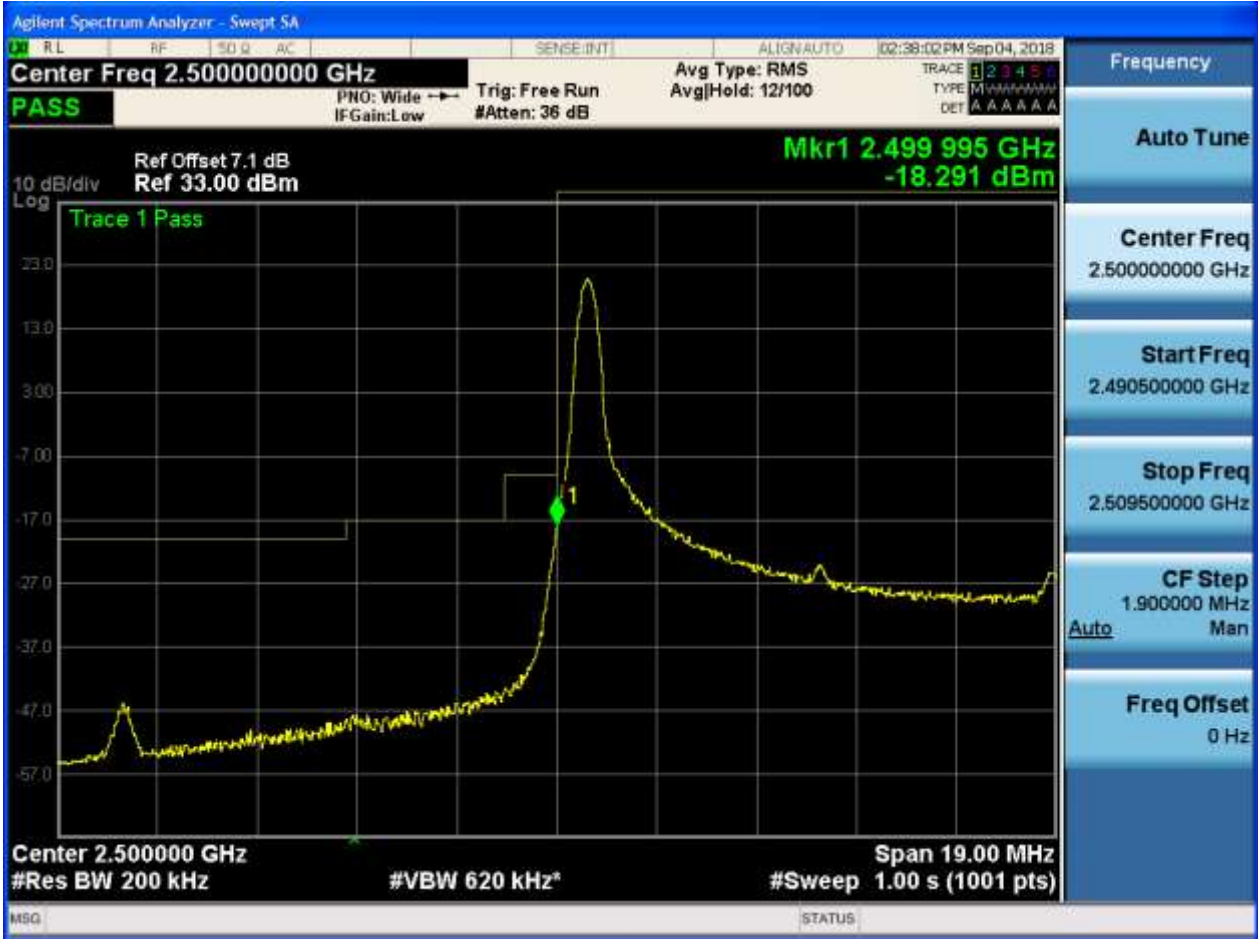




5.1.1.2.2 Test Bandwidth = 10

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





5.1.1.2.2.4 Test RB = RB50#0

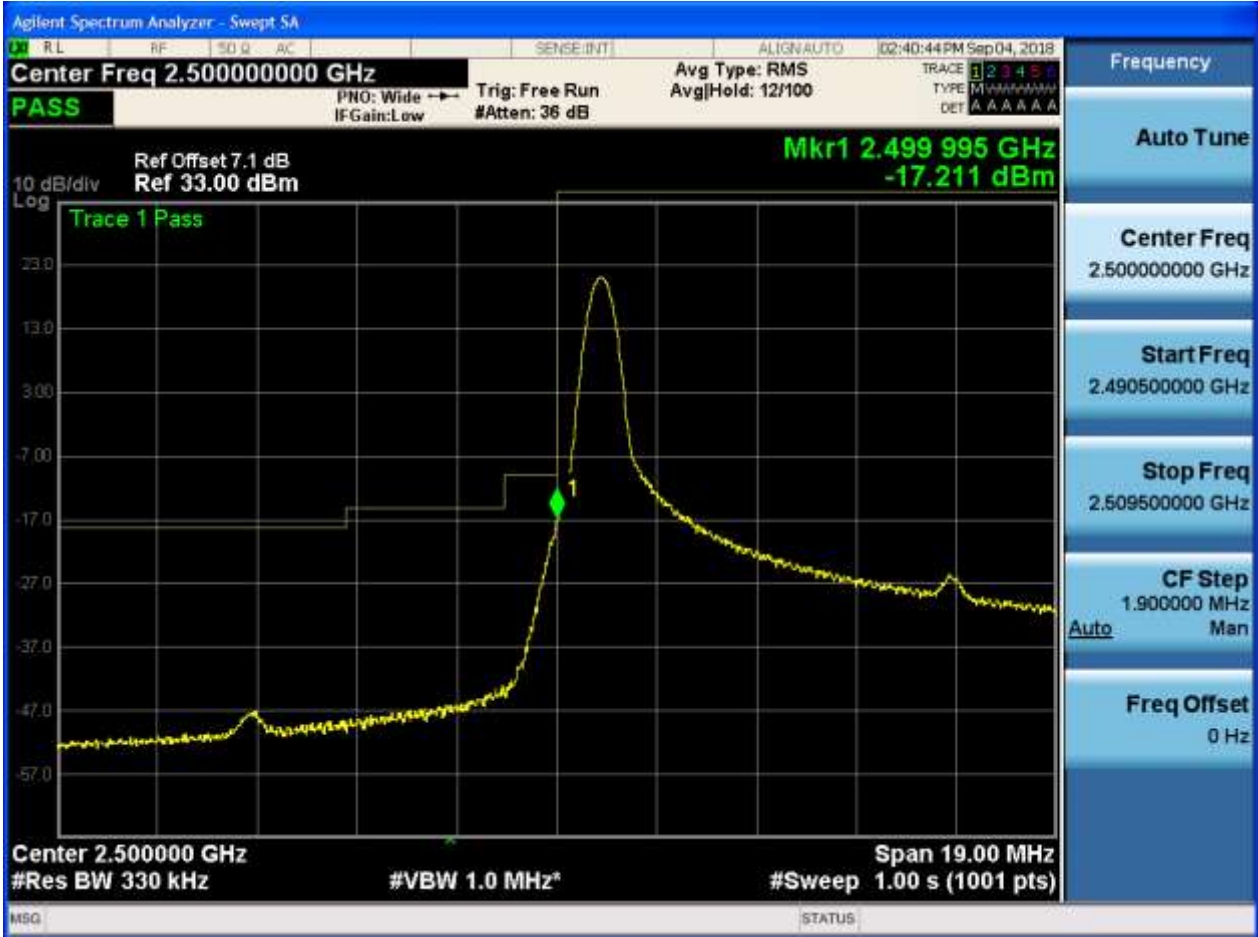




5.1.1.2.3 Test Bandwidth = 15

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









5.1.1.2.3.2.3 Test RB = RB36#18





5.1.1.2.3.2.4 Test RB = RB75#0

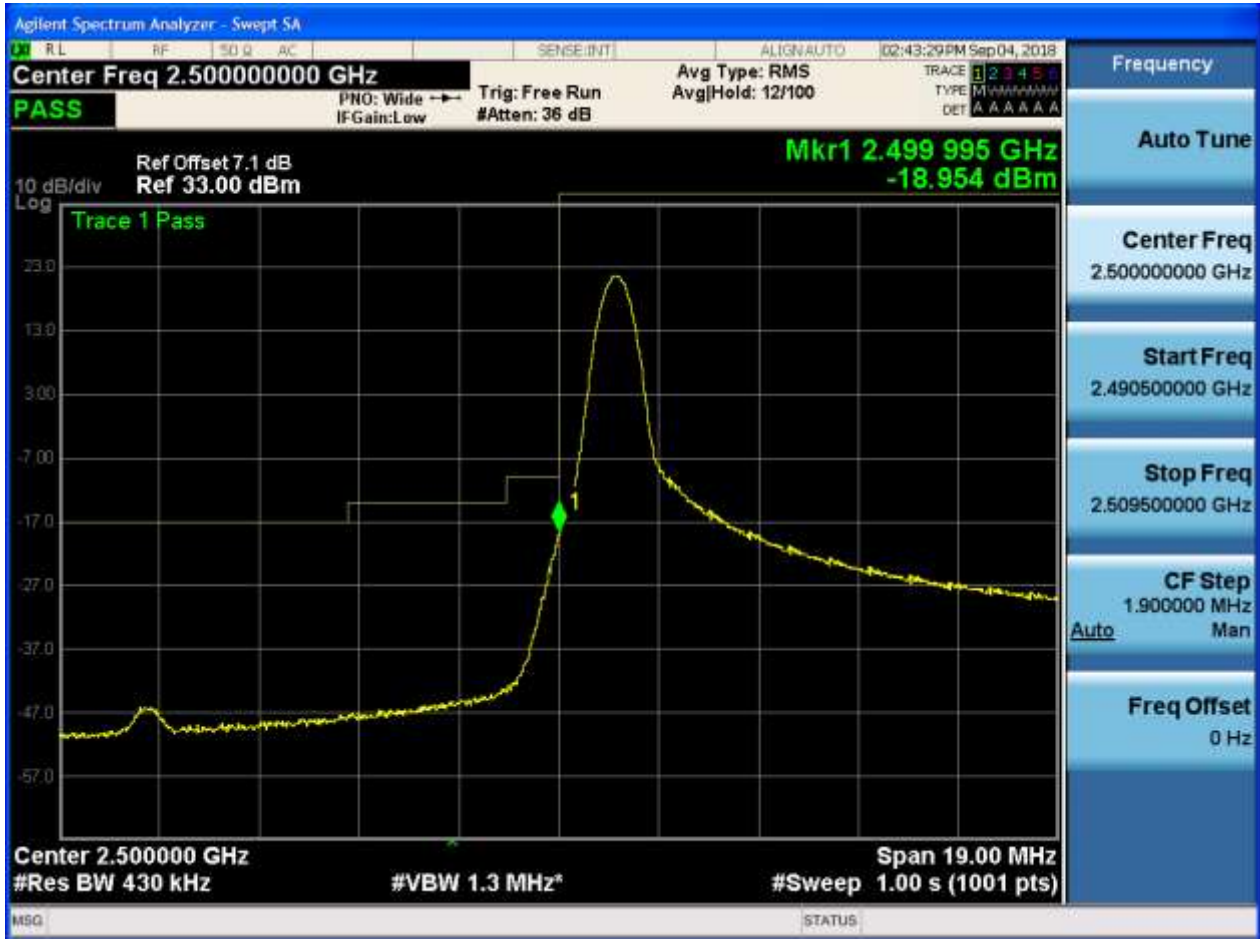




5.1.1.2.4 Test Bandwidth = 20

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





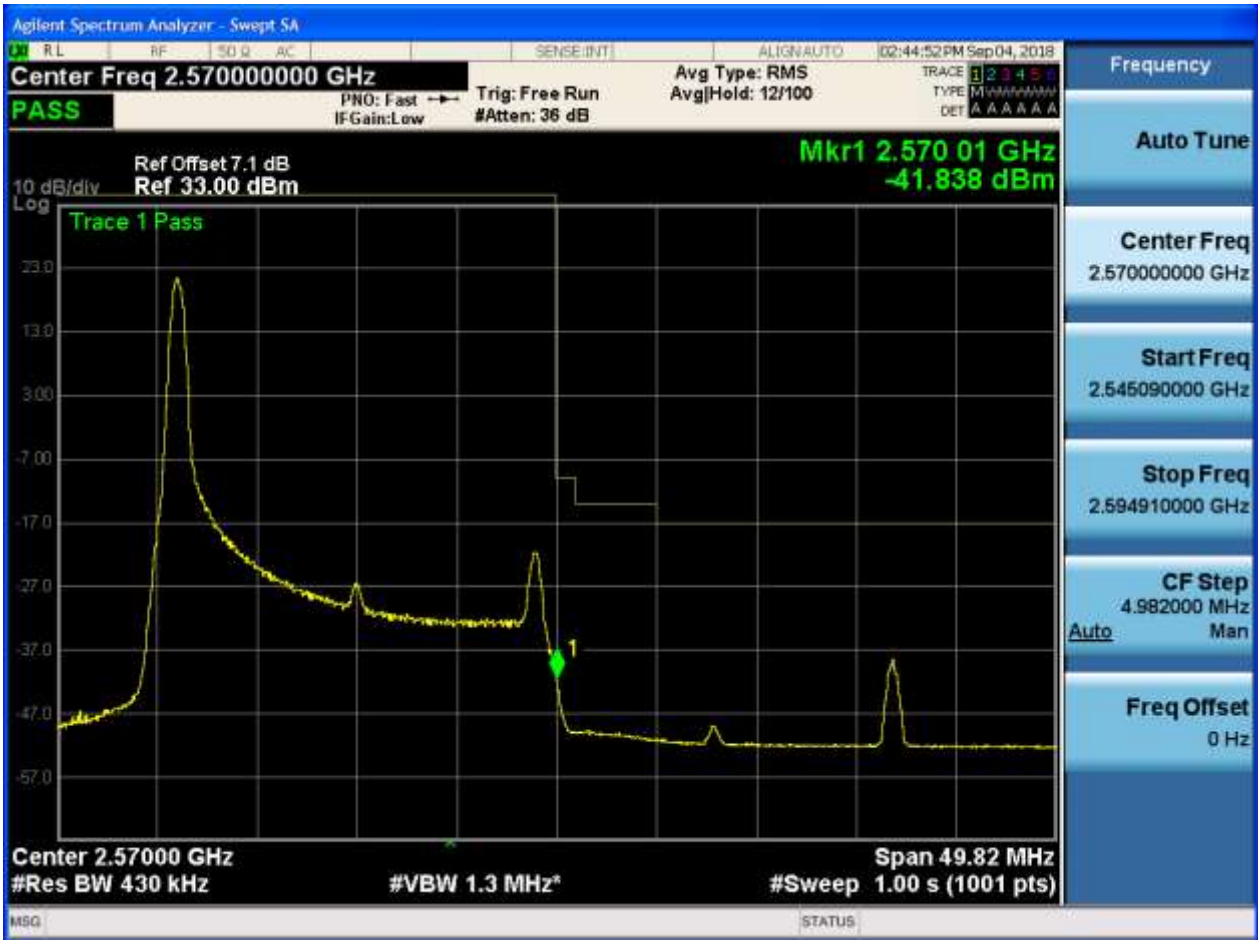
5.1.1.2.4.1.4 Test RB = RB100#0





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

##### 6.2.1.1.1 Test Bandwidth = 5

##### 6.2.1.1.1.1 Test Channel = LCH

##### 6.2.1.1.1.1.1 Test RB = RB1#0





6.2.1.1.1.2 Test Channel = MCH

6.2.1.1.1.2.1 Test RB = RB1#0





6.2.1.1.1.3 Test Channel = HCH

6.2.1.1.1.3.1 Test RB = RB1#0









6.2.1.1.2 Test Bandwidth = 10

6.2.1.1.2.1 Test Channel = LCH

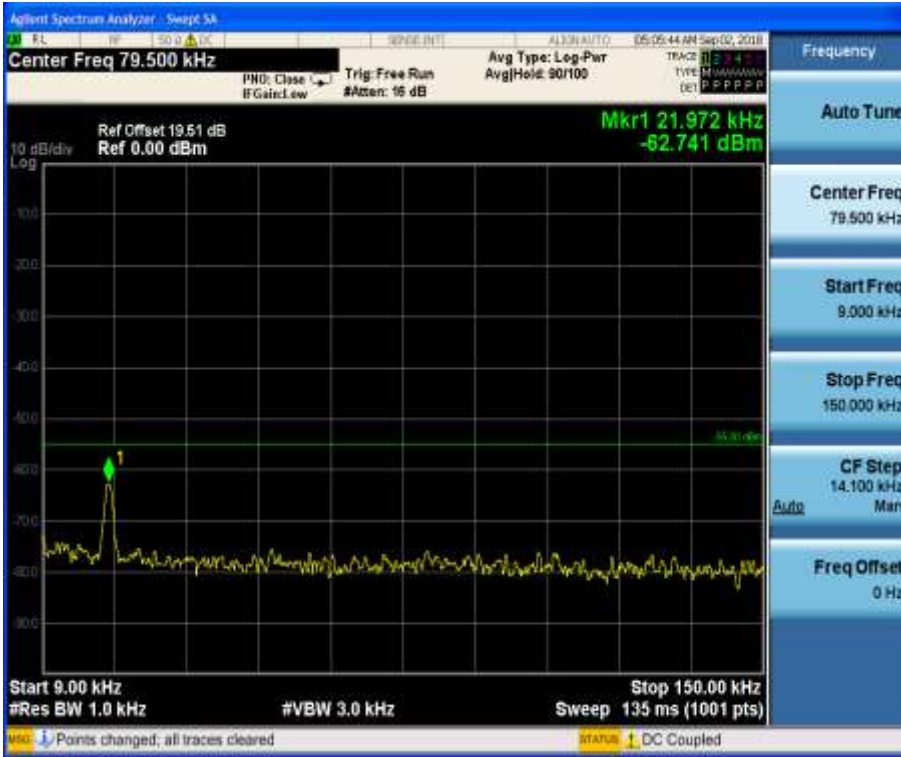
6.2.1.1.2.1.1 Test RB = RB1#0





6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0





6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0







6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0







6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0





### 6.2.1.1.3.3 Test Channel = HCH

#### 6.2.1.1.3.3.1 Test RB = RB1#0







6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0







6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



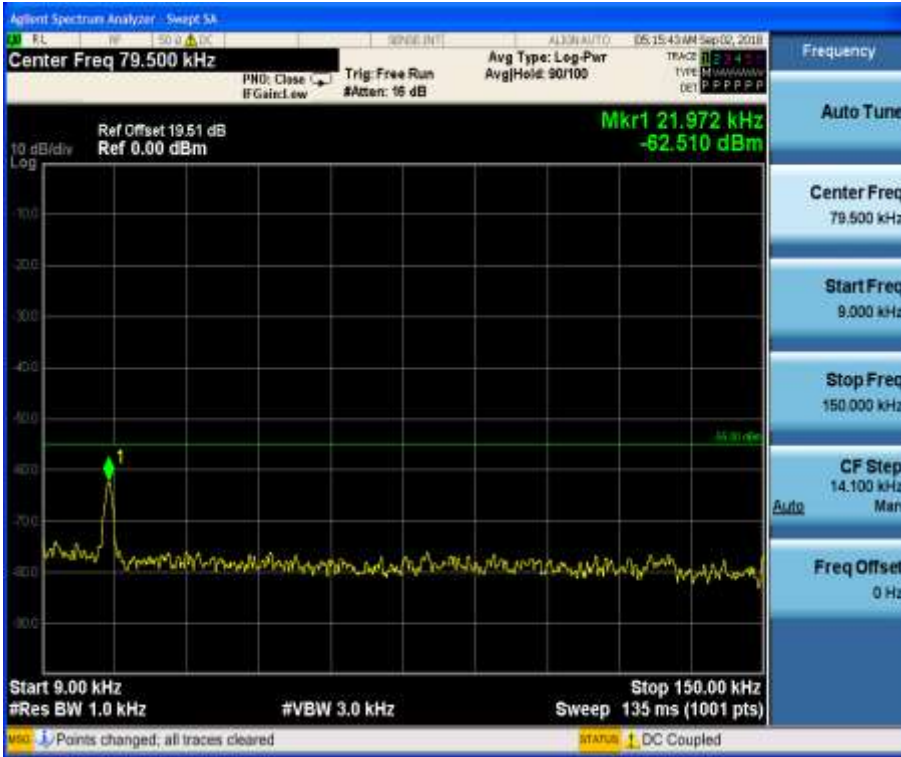






6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0

