



# 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
BAND38	LTE/TM1	5	LCH	RB1#0	22.38	24.38	33	PASS
				RB1#13	22.54	24.54	33	PASS
				RB1#24	22.09	24.09	33	PASS
				RB12#0	22.05	24.05	33	PASS
				RB12#6	22.08	24.08	33	PASS
				RB12#13	21.85	23.85	33	PASS
				RB25#0	21.97	23.97	33	PASS
			MCH	RB1#0	22.53	24.53	33	PASS
				RB1#13	22.7	24.7	33	PASS
				RB1#24	22.27	24.27	33	PASS
				RB12#0	22.24	24.24	33	PASS
				RB12#6	22.3	24.3	33	PASS
				RB12#13	22.1	24.1	33	PASS
				RB25#0	22.19	24.19	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.6	24.6	33	PASS
				RB1#13	22.74	24.74	33	PASS
				RB1#24	22.29	24.29	33	PASS
				RB12#0	22.32	24.32	33	PASS
				RB12#6	22.38	24.38	33	PASS
				RB12#13	22.17	24.17	33	PASS
				RB25#0	22.22	24.22	33	PASS
		10	LCH	RB1#0	22.39	24.39	33	PASS
				RB1#25	22.59	24.59	33	PASS
				RB1#49	22.28	24.28	33	PASS
				RB25#0	22.03	24.03	33	PASS
				RB25#13	22.01	24.01	33	PASS
				RB25#25	21.9	23.9	33	PASS
				RB50#0	21.9	23.9	33	PASS
			MCH	RB1#0	22.45	24.45	33	PASS
				RB1#25	22.7	24.7	33	PASS
				RB1#49	22.29	24.29	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB25#0	22.21	24.21	33	PASS	
				RB25#13	22.24	24.24	33	PASS	
				RB25#25	22.11	24.11	33	PASS	
				RB50#0	22.14	24.14	33	PASS	
			HCH	RB1#0	22.47	24.47	33	PASS	
				RB1#25	22.73	24.73	33	PASS	
				RB1#49	22.29	24.29	33	PASS	
				RB25#0	22.27	24.27	33	PASS	
				RB25#13	22.3	24.3	33	PASS	
				RB25#25	22.15	24.15	33	PASS	
				RB50#0	22.18	24.18	33	PASS	
				15	LCH	RB1#0	22.15	24.15	33
			RB1#38			22.57	24.57	33	PASS
			RB1#74			22.11	24.11	33	PASS
		RB36#0	21.92			23.92	33	PASS	
		RB36#18	22			24	33	PASS	
		RB36#39	21.95			23.95	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.9	23.9	33	PASS
			MCH	RB1#0	22.26	24.26	33	PASS
				RB1#38	22.68	24.68	33	PASS
				RB1#74	22.12	24.12	33	PASS
				RB36#0	22.1	24.1	33	PASS
				RB36#18	22.24	24.24	33	PASS
				RB36#39	22.1	24.1	33	PASS
				RB75#0	22.15	24.15	33	PASS
				HCH	RB1#0	22.26	24.26	33
			RB1#38		22.71	24.71	33	PASS
			RB1#74		22.13	24.13	33	PASS
			RB36#0		22.25	24.25	33	PASS
			RB36#18		22.33	24.33	33	PASS
			RB36#39		22.13	24.13	33	PASS
			RB75#0		22.16	24.16	33	PASS
		20	LCH		RB1#0	22.4	24.4	33
				RB1#50	22.64	24.64	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	22.43	24.43	33	PASS
				RB50#0	22.11	24.11	33	PASS
				RB50#25	22.22	24.22	33	PASS
				RB50#50	22.14	24.14	33	PASS
				RB100#0	22.13	24.13	33	PASS
			MCH	RB1#0	22.52	24.52	33	PASS
			MCH	RB1#50	22.83	24.83	33	PASS
			MCH	RB1#99	22.45	24.45	33	PASS
			MCH	RB50#0	22.26	24.26	33	PASS
			MCH	RB50#25	22.3	24.3	33	PASS
			MCH	RB50#50	22.25	24.25	33	PASS
			MCH	RB100#0	22.32	24.32	33	PASS
			HCH	RB1#0	22.57	24.57	33	PASS
			HCH	RB1#50	22.88	24.88	33	PASS
			HCH	RB1#99	22.5	24.5	33	PASS
			HCH	RB50#0	22.33	24.33	33	PASS
			HCH	RB50#25	22.39	24.39	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB50#50	22.22	24.22	33	PASS	
				RB100#0	22.28	24.28	33	PASS	
	LTE/TM2	5	LCH	RB1#0	22.15	24.15	33	PASS	
				RB1#13	22.33	24.33	33	PASS	
				RB1#24	21.89	23.89	33	PASS	
				RB12#0	21.11	23.11	33	PASS	
				RB12#6	21.15	23.15	33	PASS	
				RB12#13	20.92	22.92	33	PASS	
				RB25#0	20.99	22.99	33	PASS	
				MCH	RB1#0	22.11	24.11	33	PASS
					RB1#13	22.29	24.29	33	PASS
					RB1#24	21.88	23.88	33	PASS
					RB12#0	21.24	23.24	33	PASS
					RB12#6	21.3	23.3	33	PASS
					RB12#13	21.12	23.12	33	PASS
RB25#0	21.05	23.05	33		PASS				
HCH	RB1#0	22.14	24.14	33	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#13	22.29	24.29	33	PASS	
				RB1#24	21.81	23.81	33	PASS	
				RB12#0	21.49	23.49	33	PASS	
				RB12#6	21.54	23.54	33	PASS	
				RB12#13	21.33	23.33	33	PASS	
				RB25#0	21.28	23.28	33	PASS	
		10	LCH	RB1#0	22.28	24.28	33	PASS	
				RB1#25	22.48	24.48	33	PASS	
				RB1#49	22.17	24.17	33	PASS	
				RB25#0	21.08	23.08	33	PASS	
				RB25#13	21.07	23.07	33	PASS	
				RB25#25	20.95	22.95	33	PASS	
				RB50#0	21.01	23.01	33	PASS	
				MCH	RB1#0	22.07	24.07	33	PASS
					RB1#25	22.33	24.33	33	PASS
					RB1#49	21.92	23.92	33	PASS
RB25#0	21.17	23.17	33		PASS				





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.21	23.21	33	PASS
				RB25#25	21.14	23.14	33	PASS
				RB50#0	21.08	23.08	33	PASS
			HCH	RB1#0	22.54	24.54	33	PASS
				RB1#25	22.81	24.81	33	PASS
				RB1#49	22.39	24.39	33	PASS
				RB25#0	21.41	23.41	33	PASS
				RB25#13	21.44	23.44	33	PASS
				RB25#25	21.28	23.28	33	PASS
				RB50#0	21.37	23.37	33	PASS
				LCH	RB1#0	21.86	23.86	33
			RB1#38		22.29	24.29	33	PASS
			RB1#74		21.79	23.79	33	PASS
			RB36#0		20.96	22.96	33	PASS
			RB36#18		21.05	23.05	33	PASS
RB36#39	20.92	22.92	33		PASS			
RB75#0	20.96	22.96	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.83	23.83	33	PASS
				RB1#38	22.3	24.3	33	PASS
				RB1#74	21.72	23.72	33	PASS
				RB36#0	21.11	23.11	33	PASS
				RB36#18	21.25	23.25	33	PASS
				RB36#39	21.19	23.19	33	PASS
				RB75#0	21.11	23.11	33	PASS
			HCH	RB1#0	22.28	24.28	33	PASS
				RB1#38	22.78	24.78	33	PASS
				RB1#74	22.23	24.23	33	PASS
				RB36#0	21.26	23.26	33	PASS
				RB36#18	21.5	23.5	33	PASS
				RB36#39	21.28	23.28	33	PASS
				RB75#0	21.36	23.36	33	PASS
		20	LCH	RB1#0	22.3	24.3	33	PASS
RB1#50	22.51			24.51	33	PASS		
RB1#99	22.28			24.28	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.11	23.11	33	PASS
				RB50#25	21.23	23.23	33	PASS
				RB50#50	21.13	23.13	33	PASS
				RB100#0	21.07	23.07	33	PASS
			MCH	RB1#0	22.04	24.04	33	PASS
				RB1#50	22.38	24.38	33	PASS
				RB1#99	22.01	24.01	33	PASS
				RB50#0	21.21	23.21	33	PASS
				RB50#25	21.35	23.35	33	PASS
				RB50#50	21.28	23.28	33	PASS
				RB100#0	21.32	23.32	33	PASS
			HCH	RB1#0	22.25	24.25	33	PASS
				RB1#50	22.63	24.63	33	PASS
				RB1#99	22.27	24.27	33	PASS
				RB50#0	21.33	23.33	33	PASS
				RB50#25	21.54	23.54	33	PASS
				RB50#50	21.36	23.36	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.42	23.42	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
BAND38	LTE/TM1	5	LCH	RB1#0	4.88	13	PASS
				RB1#13	4.77	13	PASS
				RB1#24	4.93	13	PASS
				RB12#0	5.67	13	PASS
				RB12#6	5.6	13	PASS
				RB12#13	5.73	13	PASS
				RB25#0	5.83	13	PASS
			MCH	RB1#0	5.23	13	PASS
				RB1#13	5.05	13	PASS
				RB1#24	5.3	13	PASS
				RB12#0	5.58	13	PASS
				RB12#6	5.48	13	PASS
				RB12#13	5.68	13	PASS
				RB25#0	5.85	13	PASS
		HCH	RB1#0	5.46	13	PASS	
			RB1#13	5.33	13	PASS	
			RB1#24	5.62	13	PASS	
			RB12#0	5.62	13	PASS	
			RB12#6	5.56	13	PASS	
			RB12#13	5.8	13	PASS	
			RB25#0	5.88	13	PASS	
		10	LCH	RB1#0	4.91	13	PASS
				RB1#25	4.74	13	PASS
				RB1#49	4.96	13	PASS
				RB25#0	5.78	13	PASS
				RB25#13	5.94	13	PASS
				RB25#25	5.92	13	PASS
				RB50#0	6.25	13	PASS
MCH	RB1#0		5.04	13	PASS		
RB1#25	4.9	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#49	5.21	13	PASS			
				RB25#0	5.48	13	PASS			
				RB25#13	5.58	13	PASS			
				RB25#25	5.54	13	PASS			
				RB50#0	5.94	13	PASS			
			HCH	RB1#0	4.87	13	PASS			
				RB1#25	4.68	13	PASS			
				RB1#49	4.94	13	PASS			
				RB25#0	5.83	13	PASS			
				RB25#13	6.04	13	PASS			
				RB25#25	5.93	13	PASS			
						LCH	RB1#0	5.42	13	PASS
							RB1#38	5.23	13	PASS
							RB1#74	5.45	13	PASS
							RB36#0	5.55	13	PASS
		RB36#18					5.53	13	PASS	
		RB36#39					5.62	13	PASS	
		RB75#0					6.46	13	PASS	
		MCH	RB1#0	4.68	13	PASS				
			RB1#38	4.54	13	PASS				
			RB1#74	4.81	13	PASS				
			RB36#0	5.85	13	PASS				
			RB36#18	5.79	13	PASS				
			RB36#39	5.97	13	PASS				
			RB75#0	6.41	13	PASS				
		HCH	RB1#0	5.5	13	PASS				
			RB1#38	5.25	13	PASS				
			RB1#74	5.55	13	PASS				
			RB36#0	6.1	13	PASS				
			RB36#18	6	13	PASS				
			RB36#39	6.18	13	PASS				
			RB75#0	6.22	13	PASS				
		20			LCH	RB1#0	5.43	13	PASS	
RB1#50	5.32					13	PASS			
RB1#99	5.49					13	PASS			
RB50#0	5.82					13	PASS			
RB50#25	5.82					13	PASS			
RB50#50	5.92					13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB100#0	6.35	13	PASS	
			MCH	RB1#0	5.44	13	PASS	
				RB1#50	5.27	13	PASS	
				RB1#99	5.51	13	PASS	
				RB50#0	5.85	13	PASS	
				RB50#25	5.73	13	PASS	
				RB50#50	5.93	13	PASS	
				RB100#0	6.17	13	PASS	
			HCH	RB1#0	5.15	13	PASS	
				RB1#50	4.93	13	PASS	
				RB1#99	5.19	13	PASS	
				RB50#0	5.97	13	PASS	
				RB50#25	5.89	13	PASS	
				RB50#50	5.99	13	PASS	
		LTE/TM2	5	LCH	RB1#0	5.83	13	PASS
					RB1#13	5.72	13	PASS
					RB1#24	5.92	13	PASS
					RB12#0	6.11	13	PASS
					RB12#6	5.98	13	PASS
					RB12#13	6.12	13	PASS
					RB25#0	6.49	13	PASS
				MCH	RB1#0	5.57	13	PASS
					RB1#13	5.32	13	PASS
					RB1#24	5.59	13	PASS
					RB12#0	6.08	13	PASS
					RB12#6	6.15	13	PASS
					RB12#13	6.17	13	PASS
					RB25#0	6.25	13	PASS
			HCH	RB1#0	5.75	13	PASS	
				RB1#13	5.49	13	PASS	
RB1#24	5.75	13		PASS				
RB12#0	6.28	13		PASS				
RB12#6	6.3	13		PASS				
RB12#13	6.36	13		PASS				
10	LCH	RB1#0	5.75	13	PASS			
		RB1#25	5.55	13	PASS			
		RB1#49	5.9	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#0	6.23	13	PASS	
				RB25#13	6.43	13	PASS	
				RB25#25	6.44	13	PASS	
				RB50#0	6.47	13	PASS	
			MCH	RB1#0	5.63	13	PASS	
				RB1#25	5.51	13	PASS	
				RB1#49	5.72	13	PASS	
				RB25#0	6.53	13	PASS	
				RB25#13	6.12	13	PASS	
				RB25#25	6.34	13	PASS	
			HCH	RB50#0	6.62	13	PASS	
				RB1#0	5.38	13	PASS	
				RB1#25	5.17	13	PASS	
				RB1#49	5.3	13	PASS	
				RB25#0	6.19	13	PASS	
				RB25#13	6.41	13	PASS	
			15	LCH	RB25#25	6.29	13	PASS
					RB50#0	7.04	13	PASS
		RB1#0			5.78	13	PASS	
		RB1#38			5.55	13	PASS	
		RB1#74			5.85	13	PASS	
		RB36#0			6.66	13	PASS	
		MCH		RB36#18	6.79	13	PASS	
				RB36#39	6.64	13	PASS	
				RB75#0	7.07	13	PASS	
				RB1#0	5.83	13	PASS	
				RB1#38	5.5	13	PASS	
				RB1#74	5.76	13	PASS	
		HCH	RB36#0	6.8	13	PASS		
			RB36#18	6.5	13	PASS		
RB36#39	6.51		13	PASS				
RB75#0	7.1		13	PASS				
RB1#0	5.74		13	PASS				
RB1#38	5.36		13	PASS				
RB1#74	5.69	13	PASS					
RB36#0	6.13	13	PASS					
RB36#18	6.25	13	PASS					
RB36#39	6.32	13	PASS					
RB75#0	6.83	13	PASS					





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20	LCH	RB1#0	5.9	13	PASS
				RB1#50	5.74	13	PASS
				RB1#99	5.98	13	PASS
				RB50#0	6.71	13	PASS
				RB50#25	6.62	13	PASS
				RB50#50	6.72	13	PASS
				RB100#0	6.87	13	PASS
			MCH	RB1#0	5.58	13	PASS
				RB1#50	5.42	13	PASS
				RB1#99	5.63	13	PASS
				RB50#0	6.9	13	PASS
				RB50#25	6.87	13	PASS
				RB50#50	6.72	13	PASS
				RB100#0	6.93	13	PASS
			HCH	RB1#0	6.15	13	PASS
				RB1#50	5.74	13	PASS
				RB1#99	5.91	13	PASS
				RB50#0	6.65	13	PASS
				RB50#25	6.5	13	PASS
				RB50#50	6.66	13	PASS
				RB100#0	6.79	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

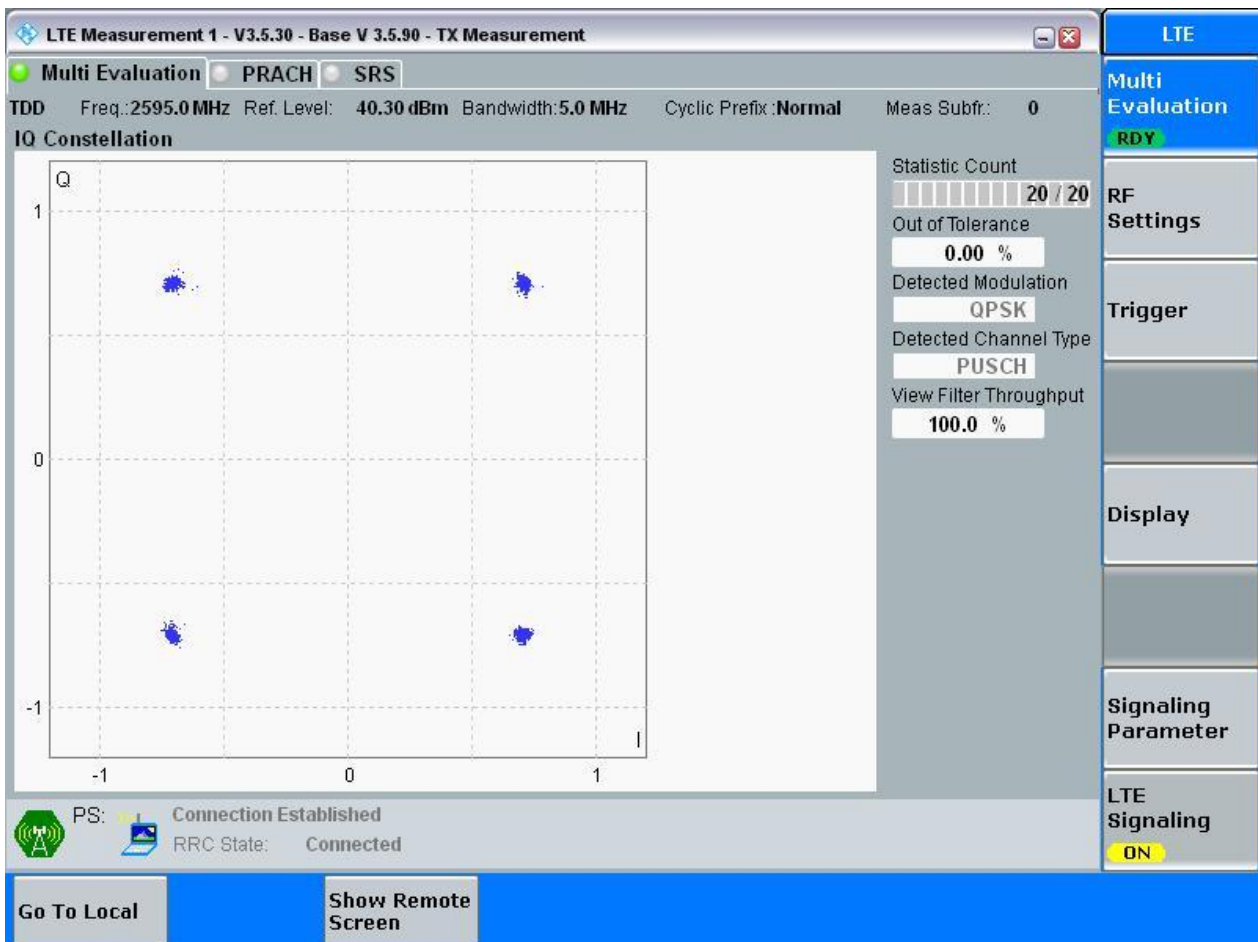
##### 3.1.1 Test Band = BAND38

##### 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

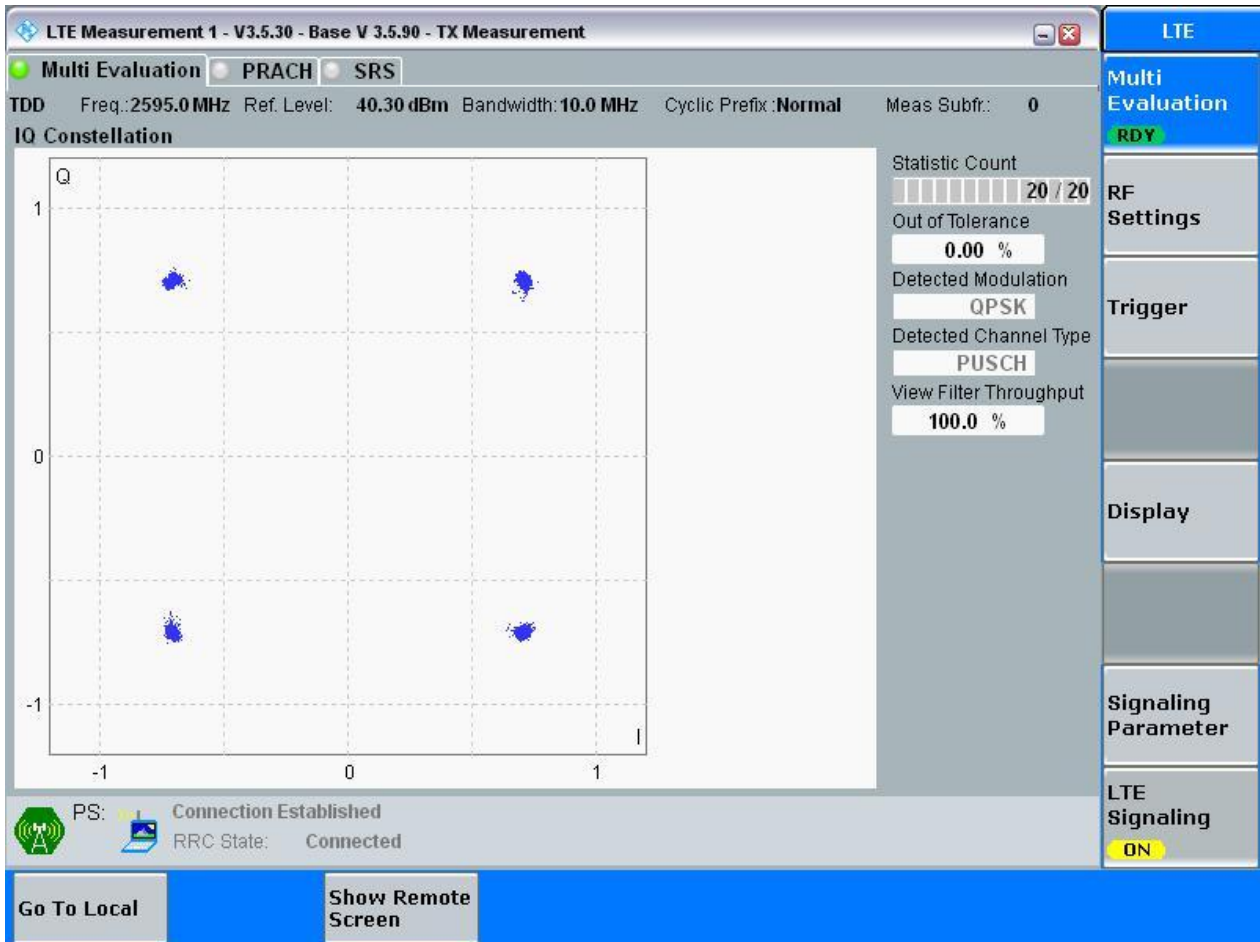
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 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

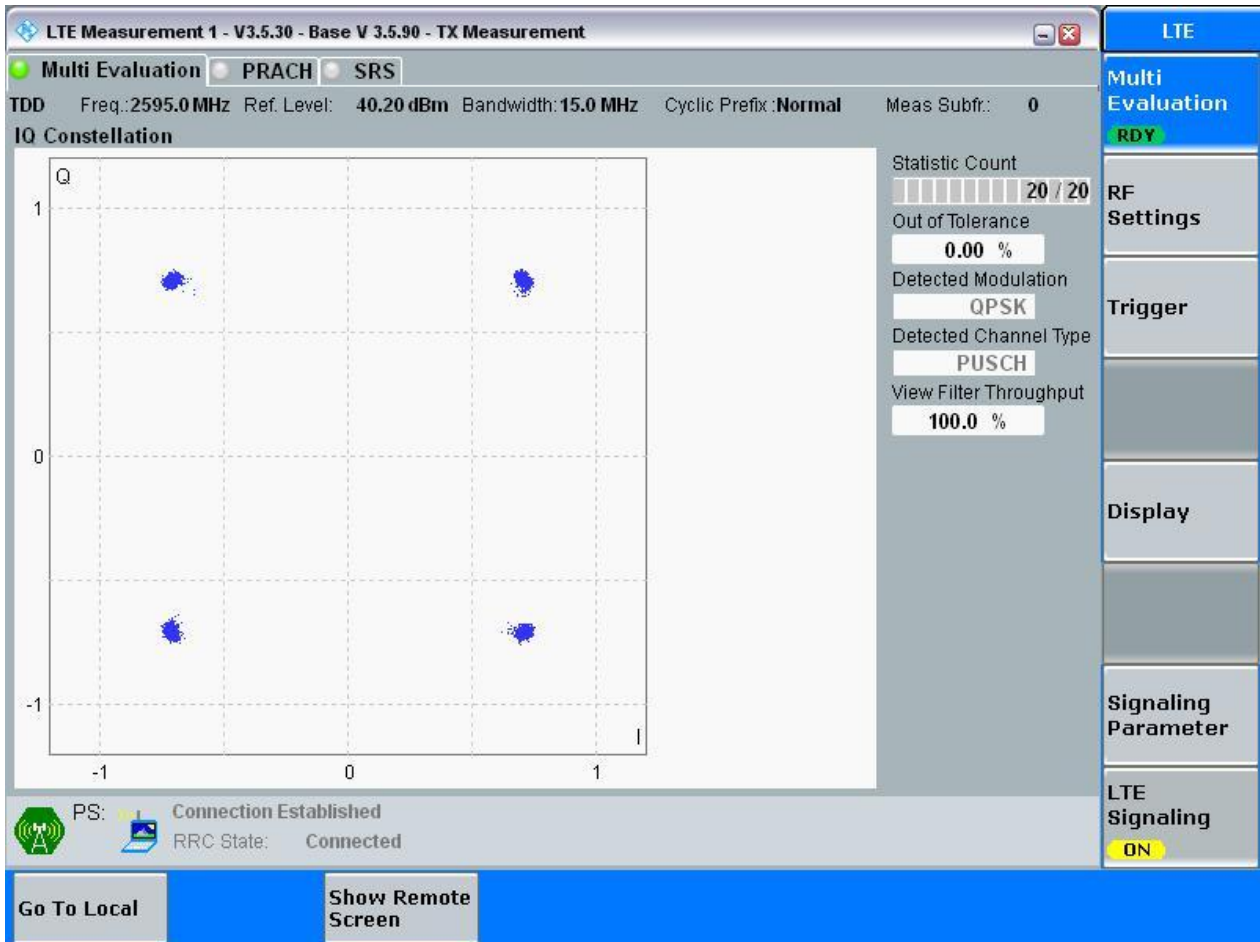




### 3.1.1.1.3 Test Bandwidth = 15

#### 3.1.1.1.3.1 Test Channel = MCH

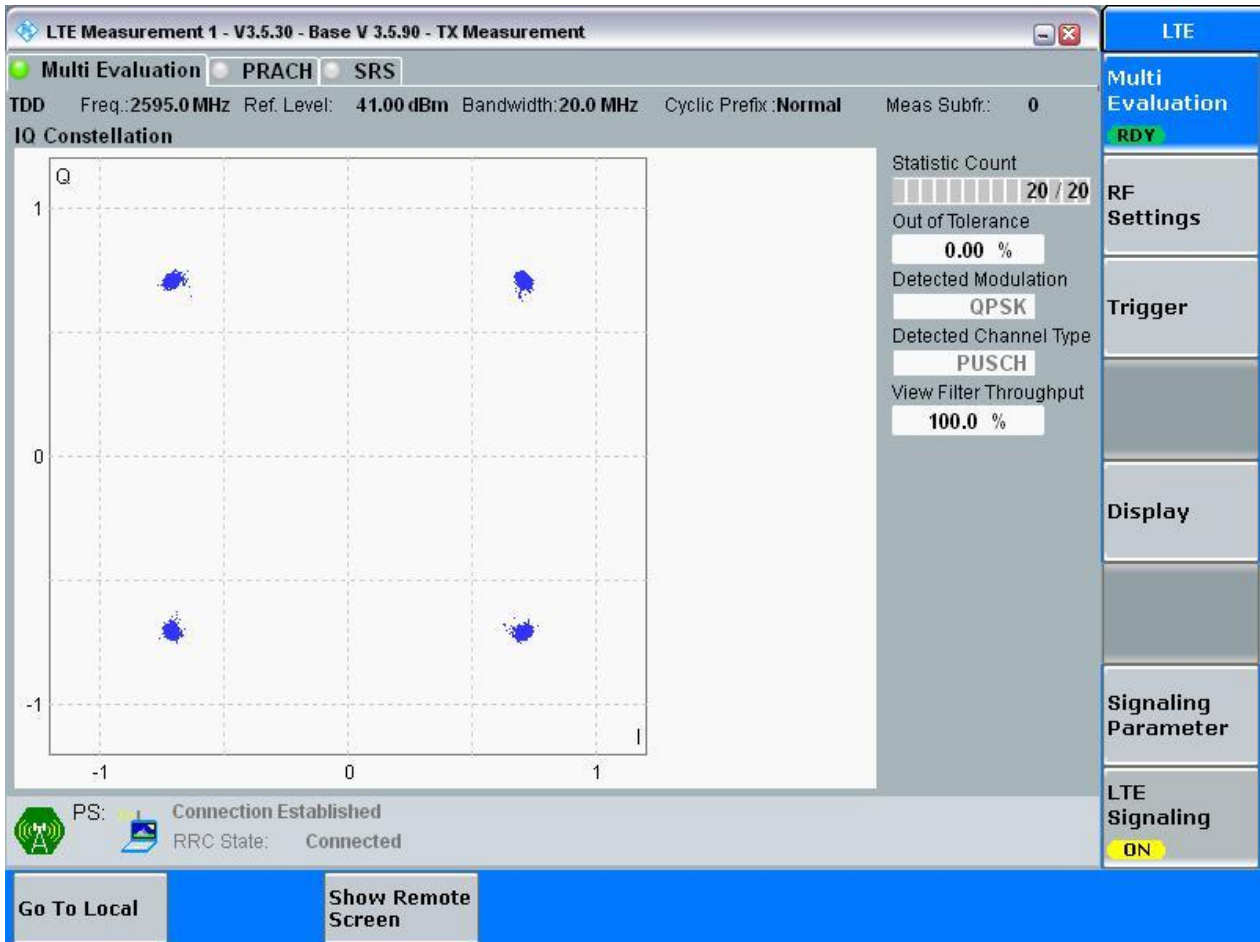
##### 3.1.1.1.3.1.1 Test RB = RB75#0



### 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

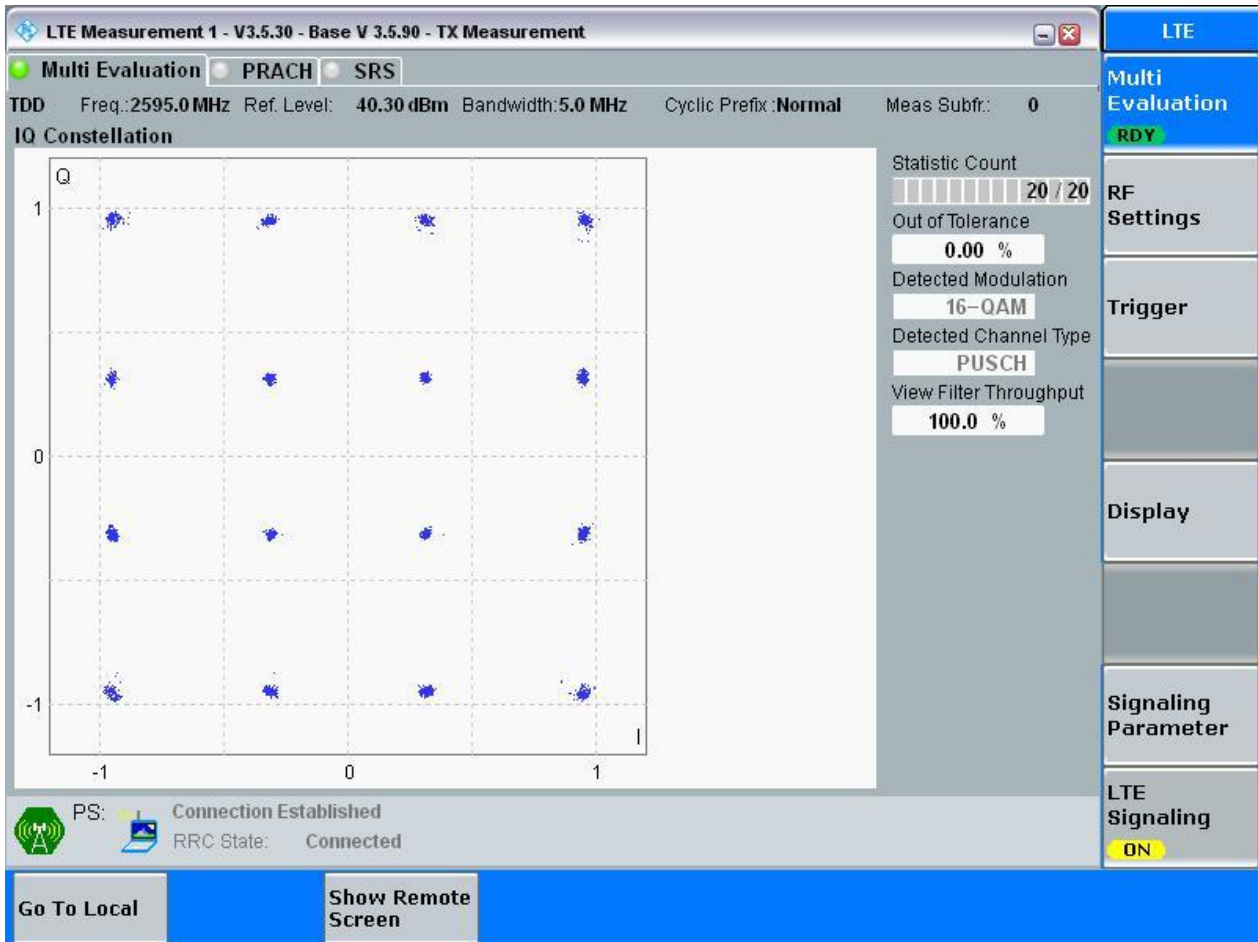


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 5

##### 3.1.1.2.1.1 Test Channel = MCH

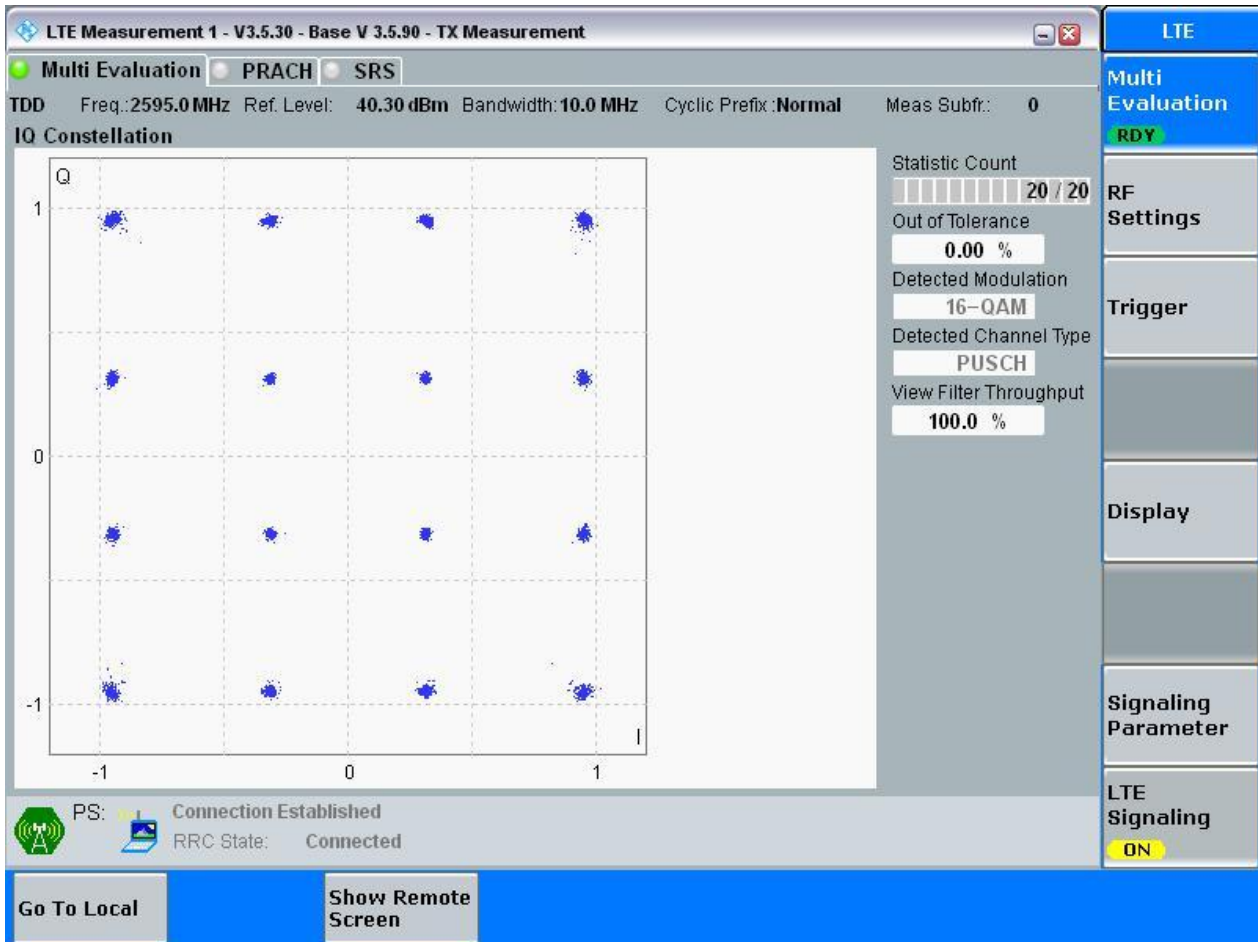
###### 3.1.1.2.1.1.1 Test RB = RB25#0



### 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



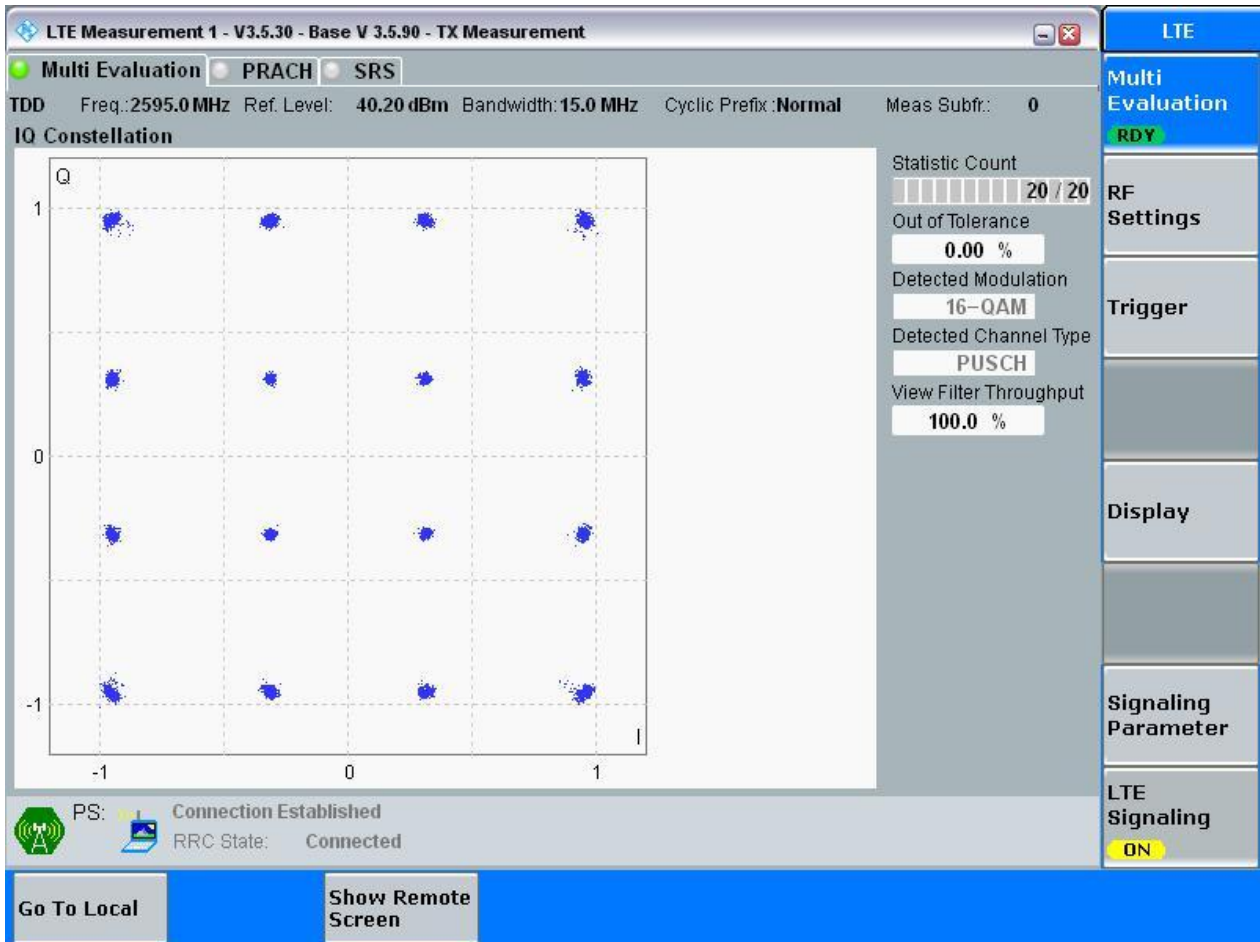




### 3.1.1.2.3 Test Bandwidth = 15

#### 3.1.1.2.3.1 Test Channel = MCH

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

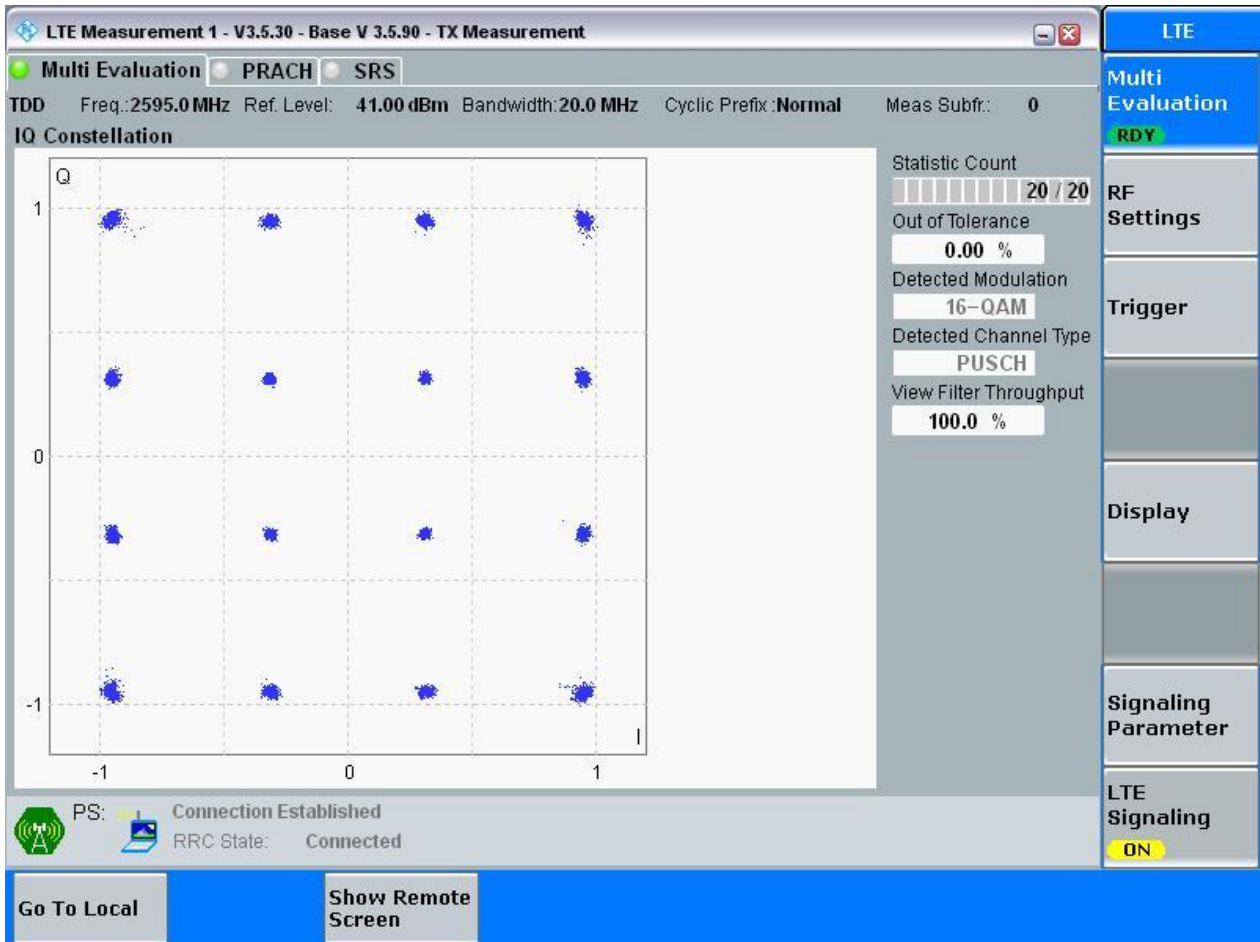




### 3.1.1.2.4 Test Bandwidth = 20

#### 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
BAND38	LTE/TM1	5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.49	4.81	Pass
		10	LCH	RB50#0	8.99	9.61	Pass
			MCH	RB50#0	8.97	9.57	Pass
			HCH	RB50#0	8.97	9.57	Pass
		15	LCH	RB75#0	13.46	14.31	Pass
			MCH	RB75#0	13.47	14.32	Pass
			HCH	RB75#0	13.47	14.30	Pass
		20	LCH	RB100#0	17.95	19.17	Pass
			MCH	RB100#0	17.96	19.02	Pass
			HCH	RB100#0	17.94	19.13	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.83	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	9.00	9.60	Pass
			MCH	RB50#0	8.98	9.59	Pass
			HCH	RB50#0	8.98	9.61	Pass
		15	LCH	RB75#0	13.47	14.30	Pass
			MCH	RB75#0	13.45	14.31	Pass
			HCH	RB75#0	13.45	14.36	Pass
		20	LCH	RB100#0	17.96	19.00	Pass
			MCH	RB100#0	17.96	19.04	Pass
			HCH	RB100#0	17.97	19.03	Pass



Part II - Test Plots

4.1 For LTE

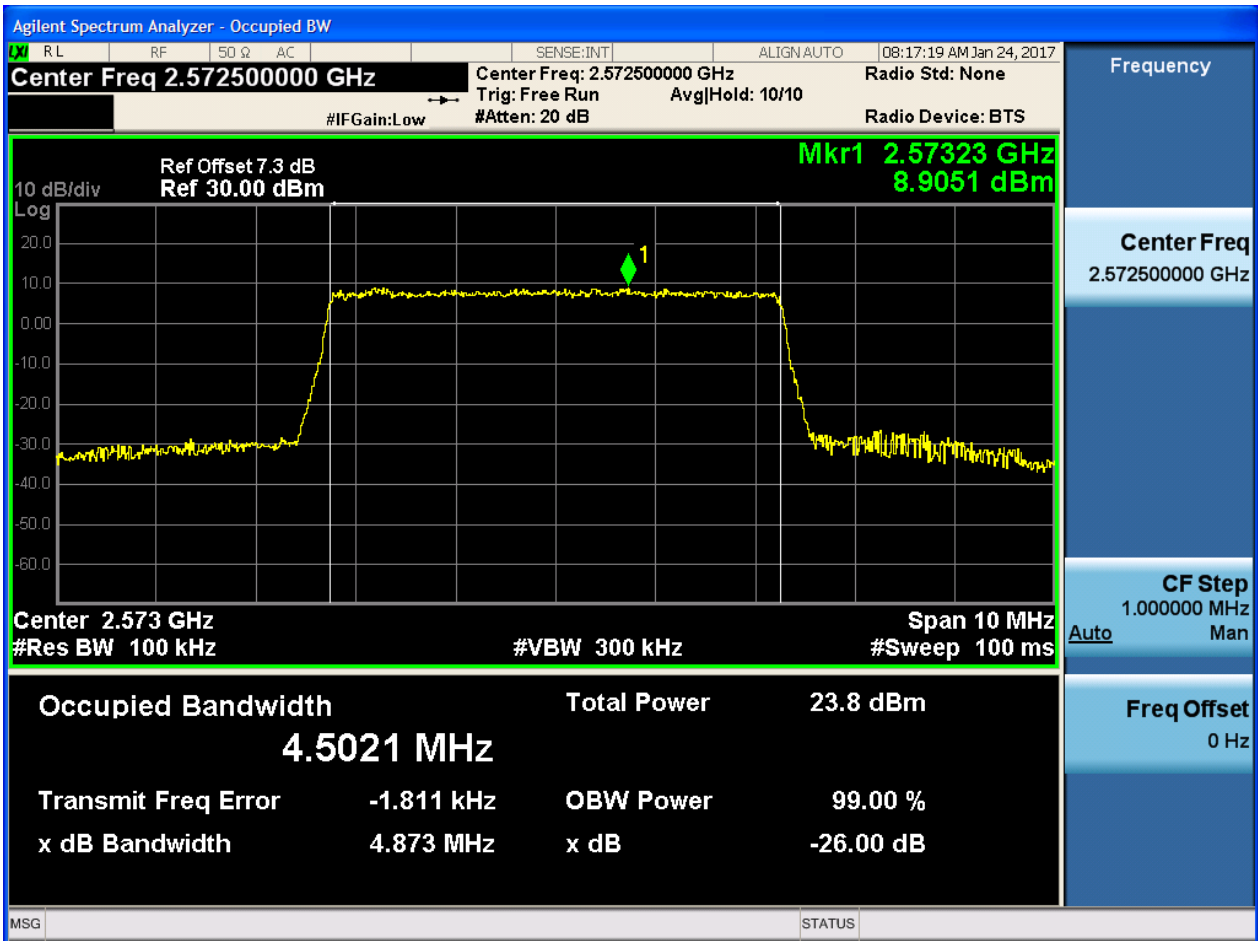
4.1.1 Test Band = BAND38

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

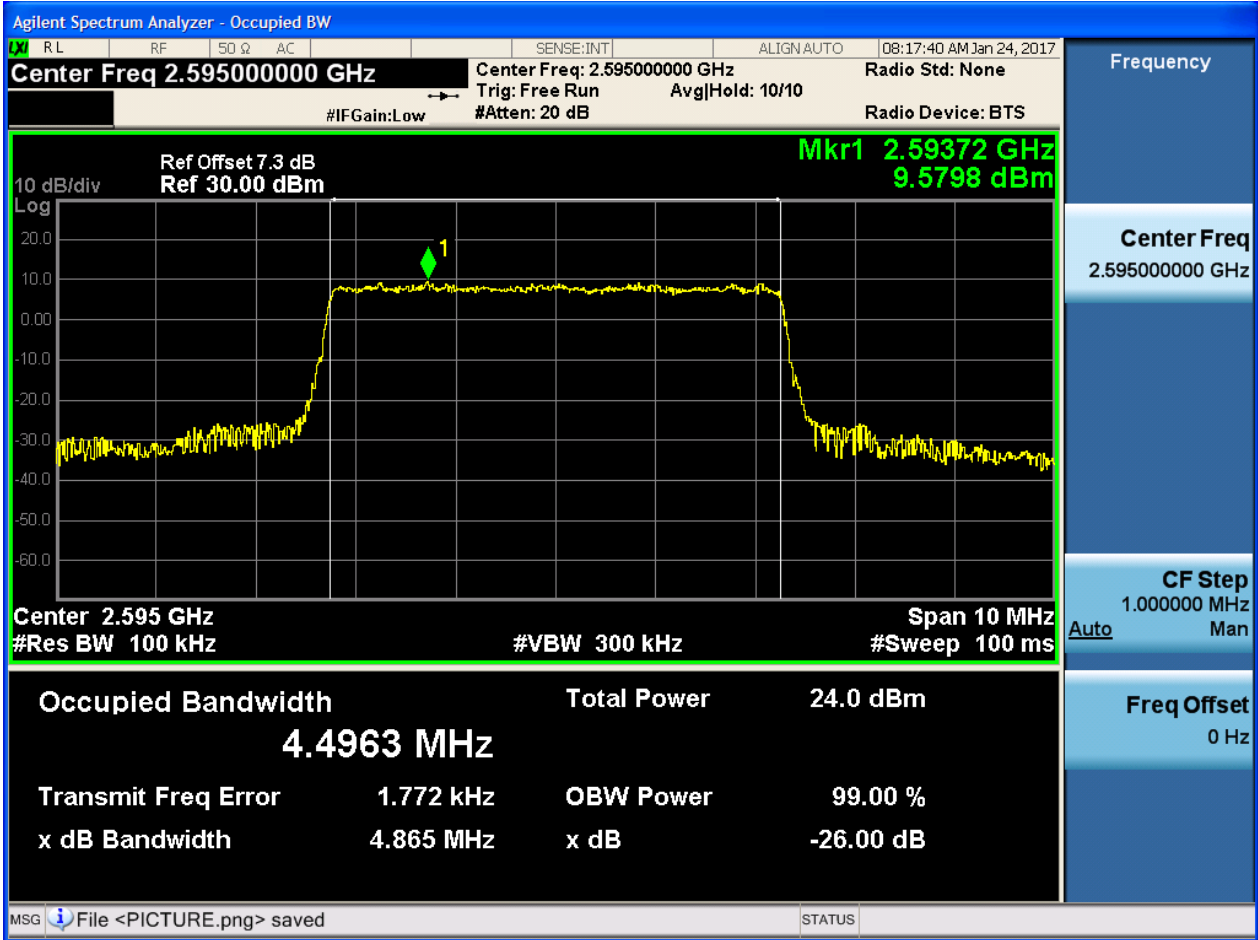
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

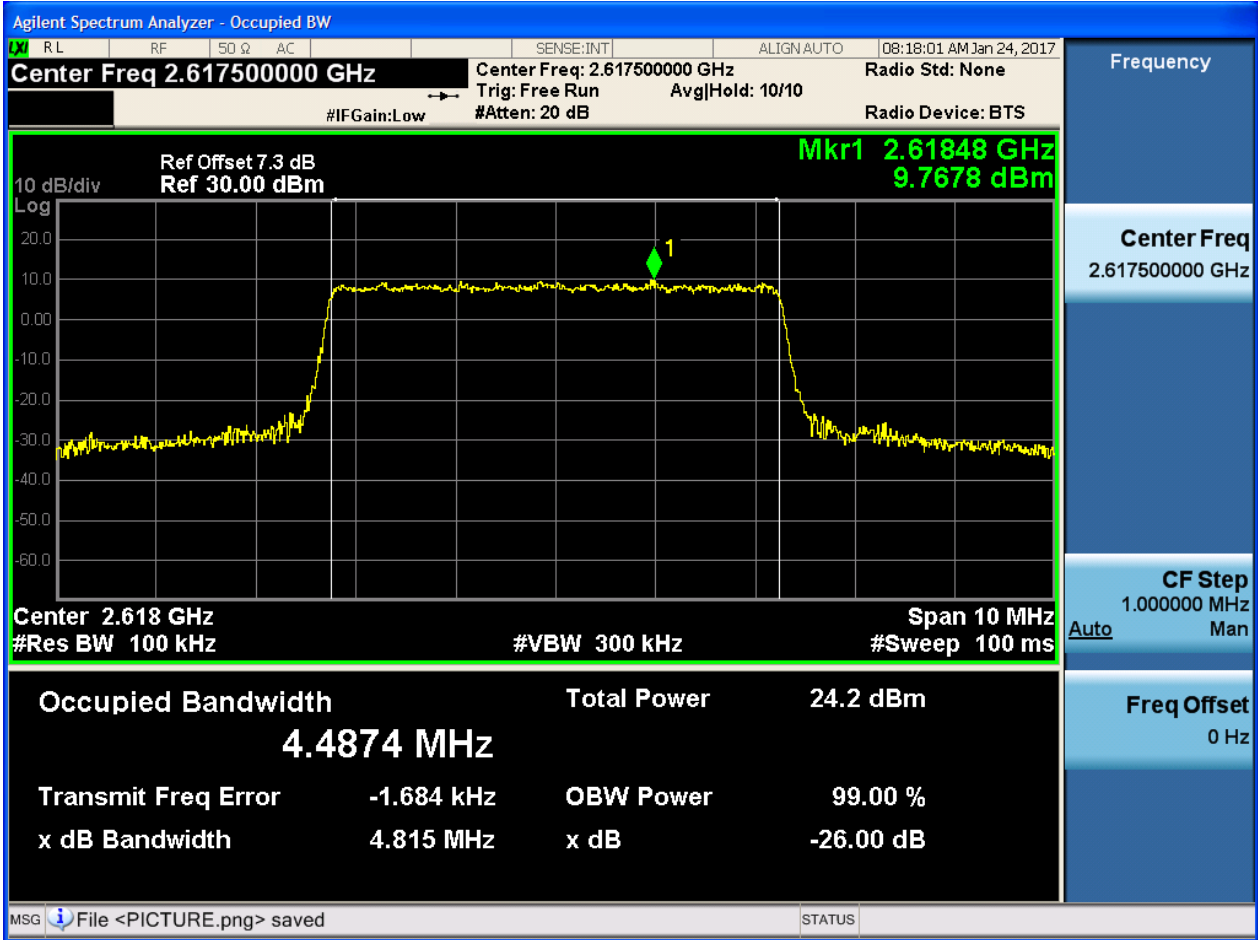
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

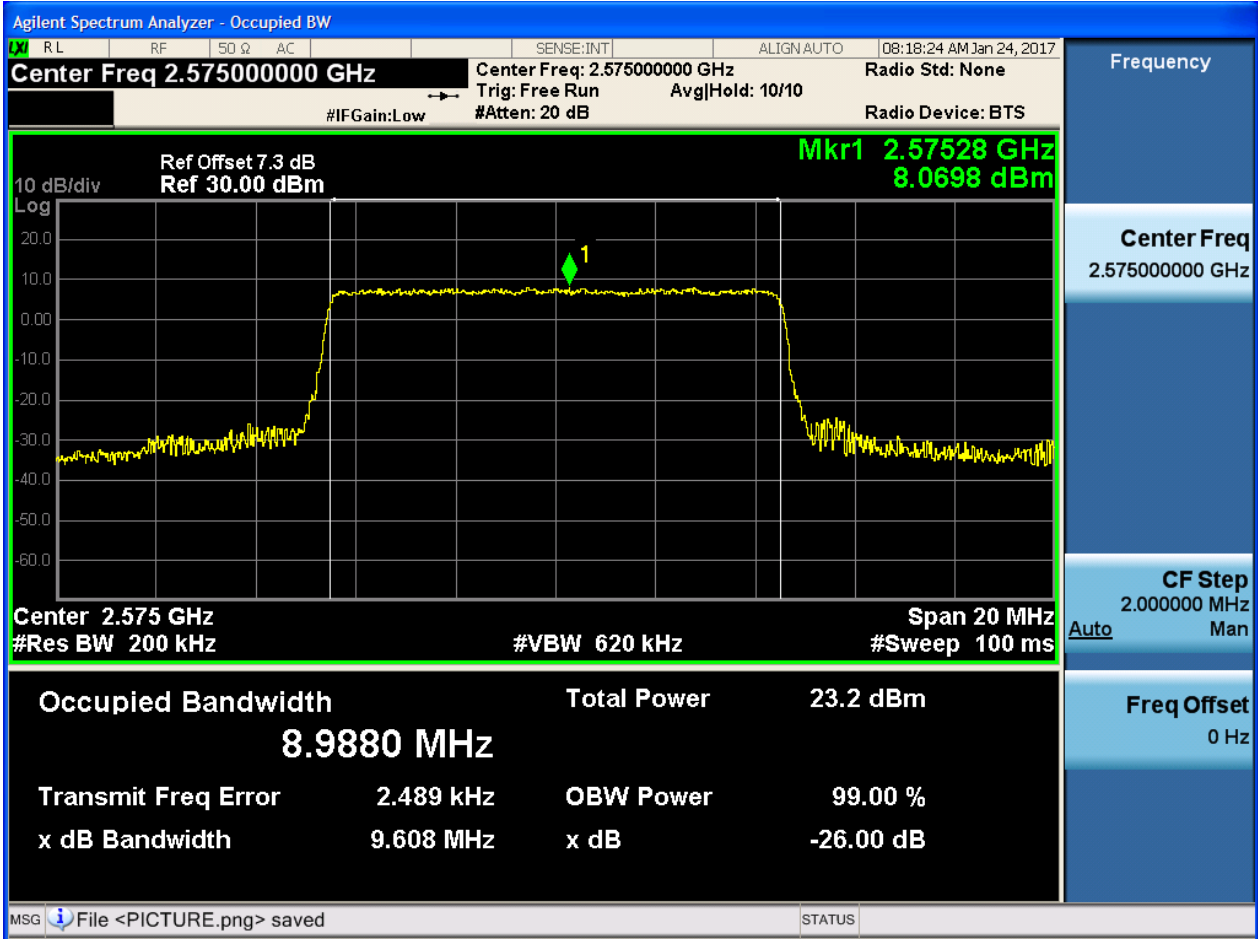




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

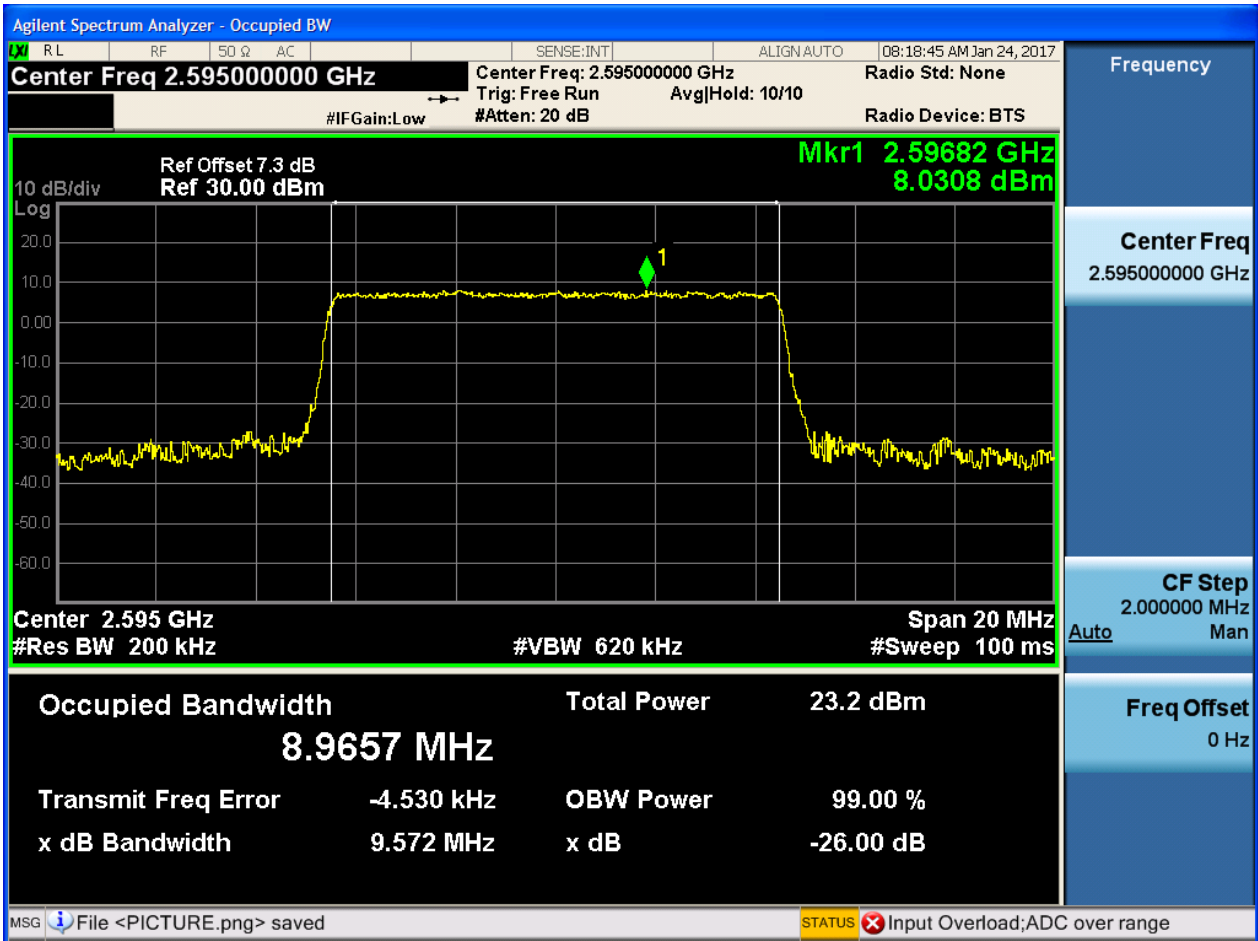
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

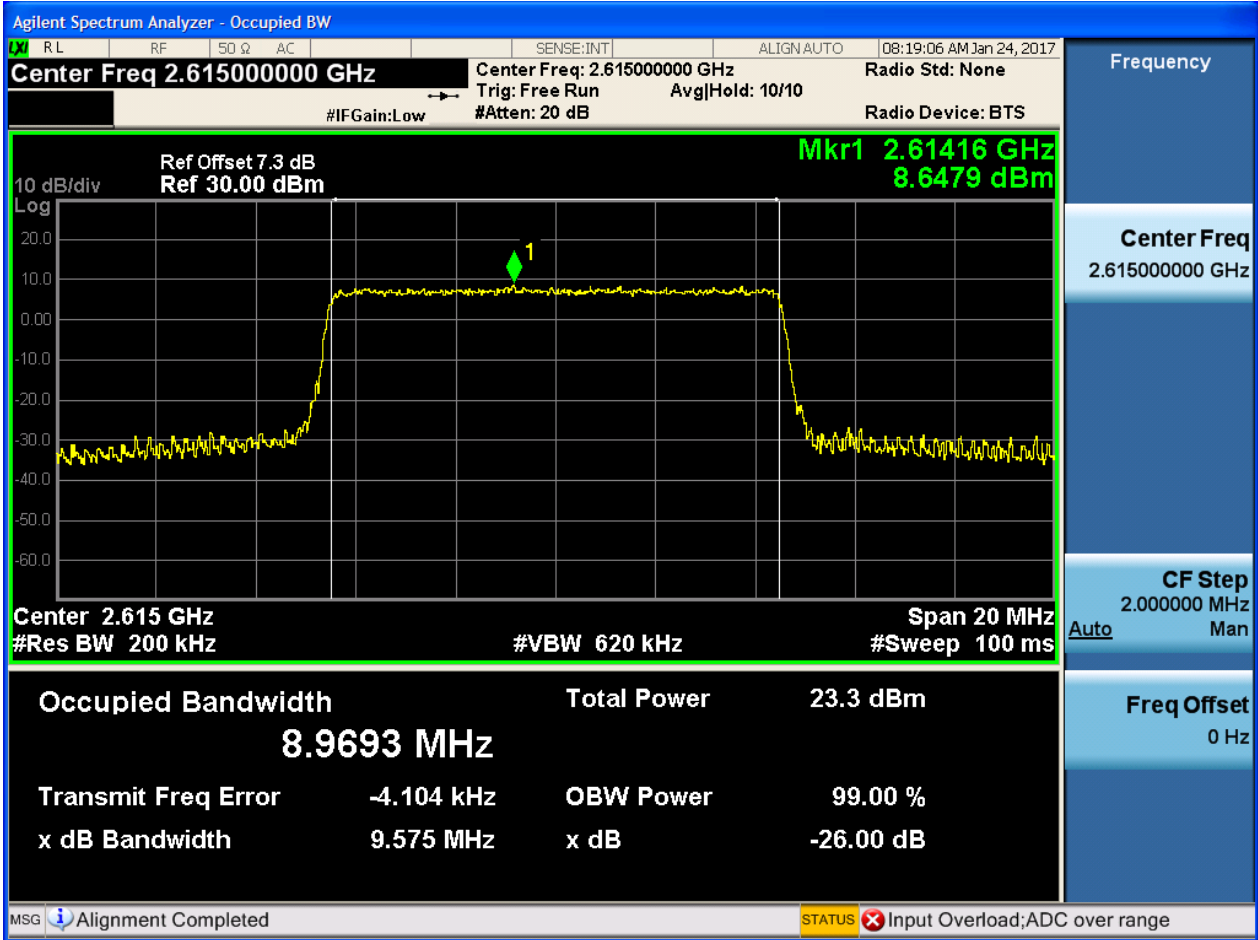
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0



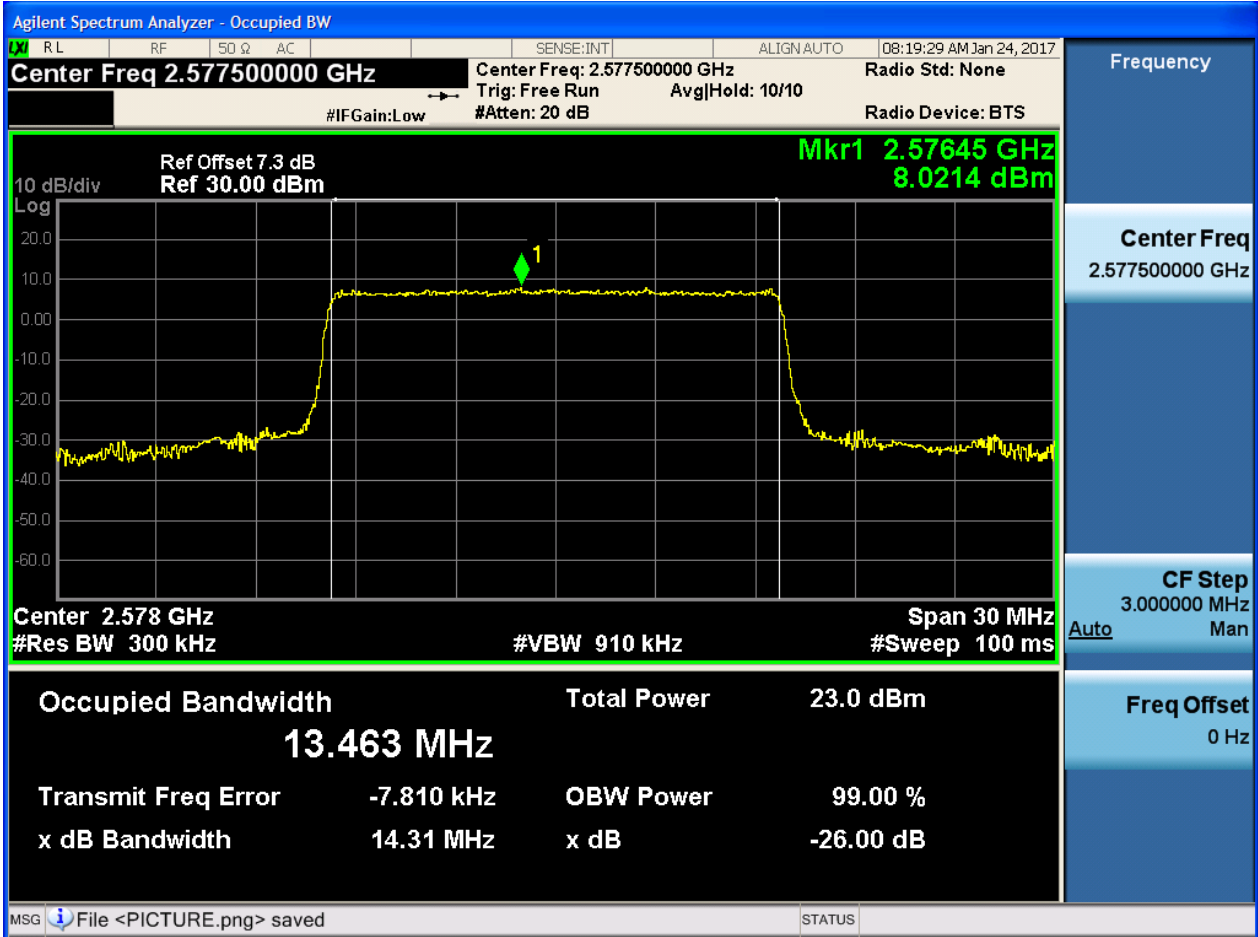




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

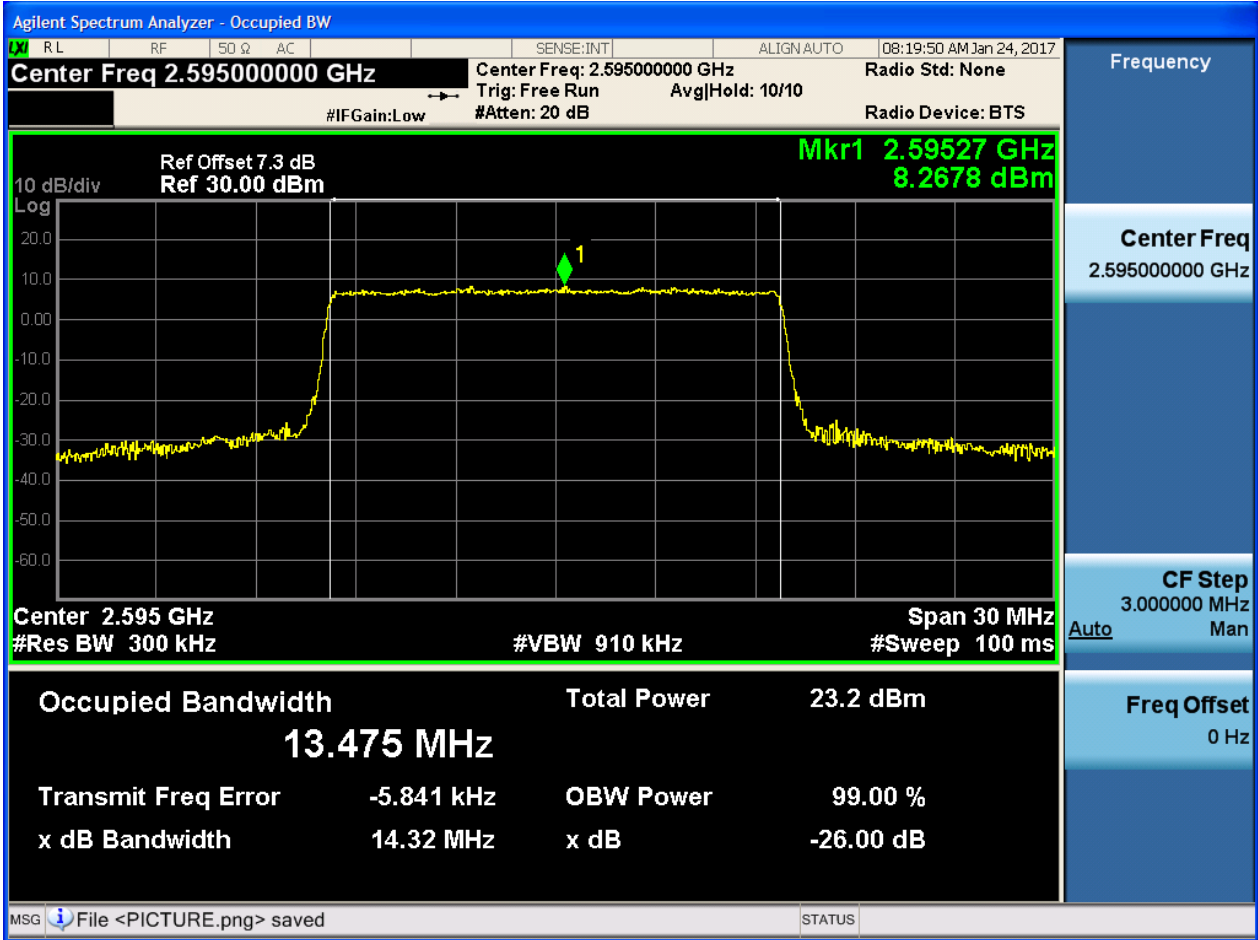
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

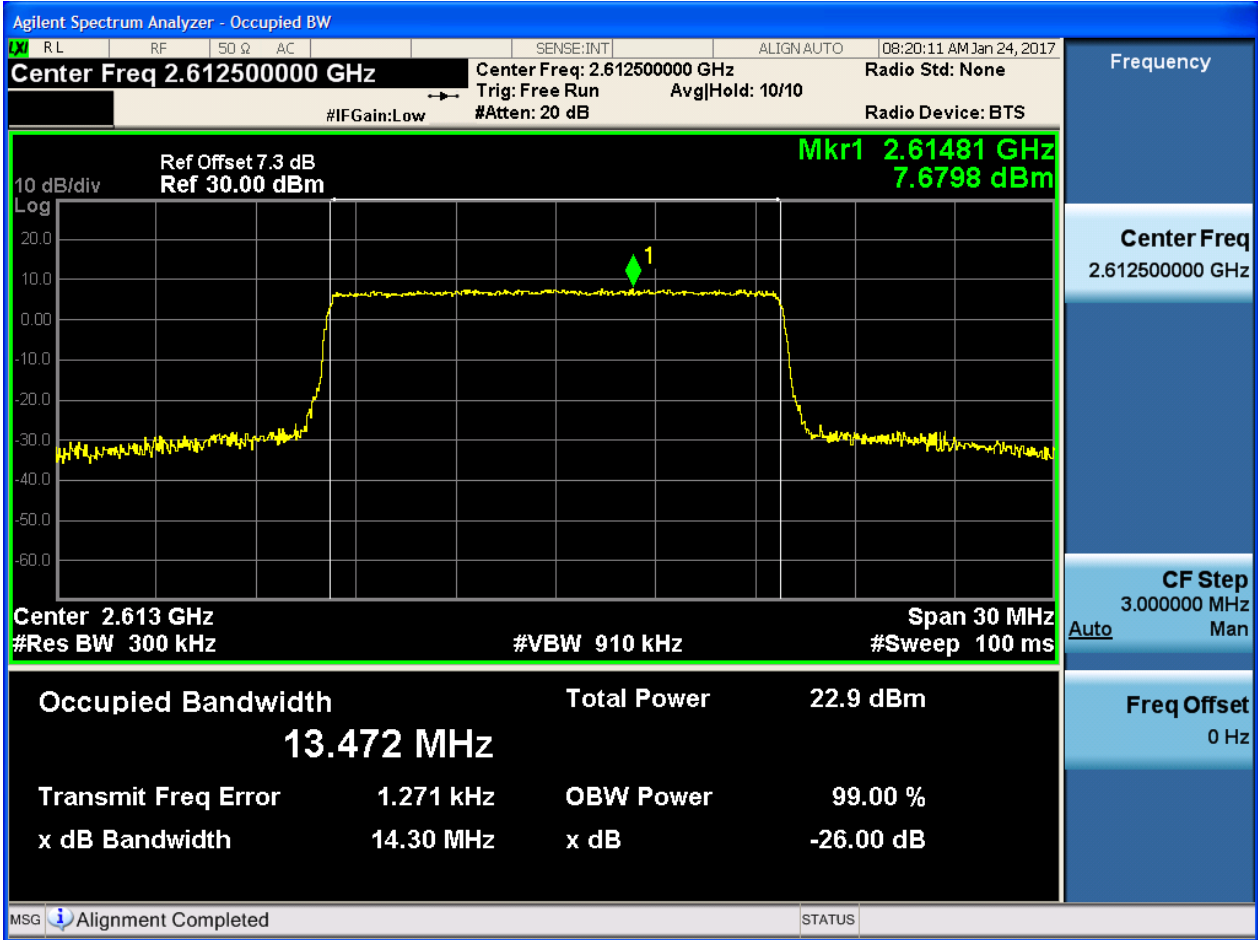
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

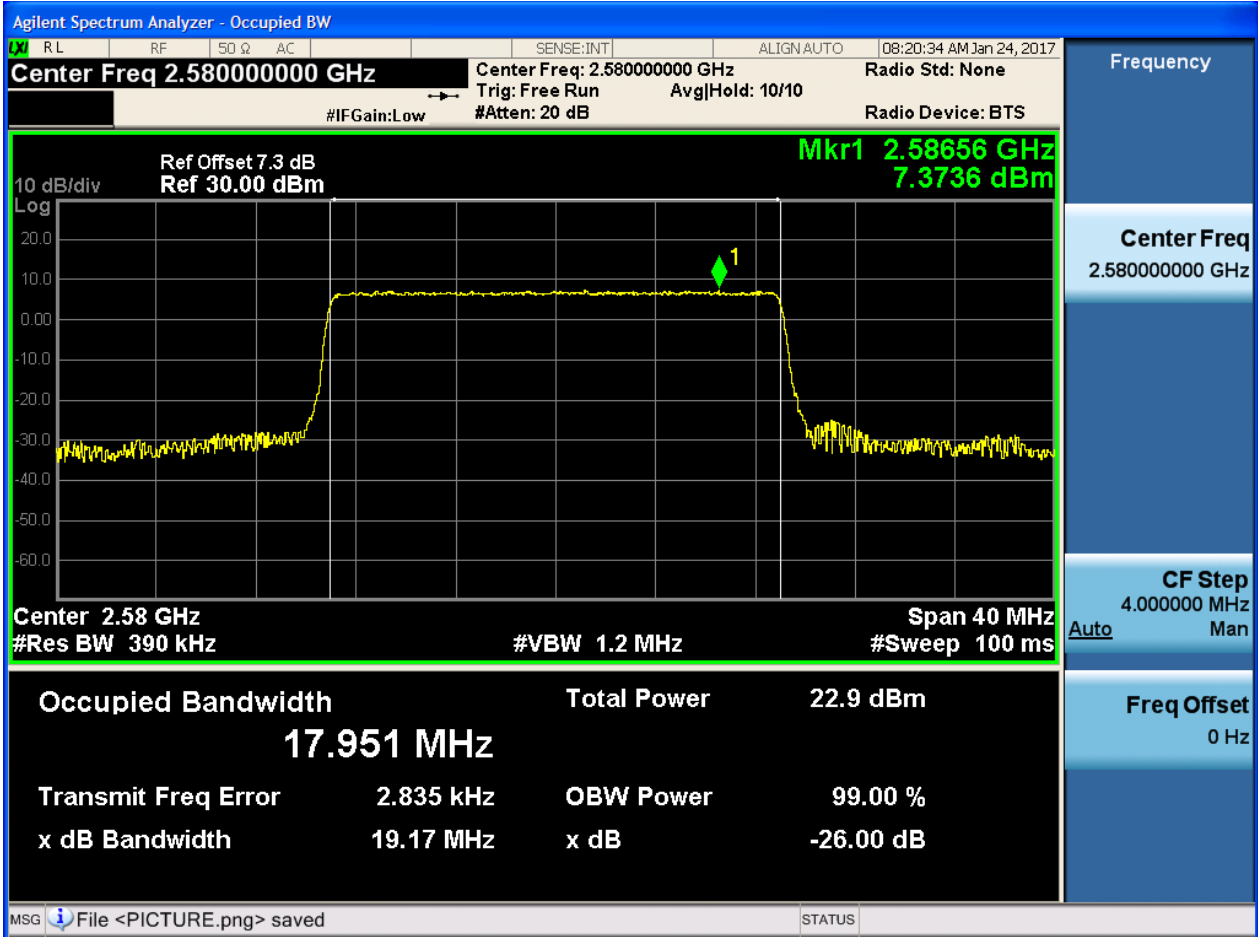




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

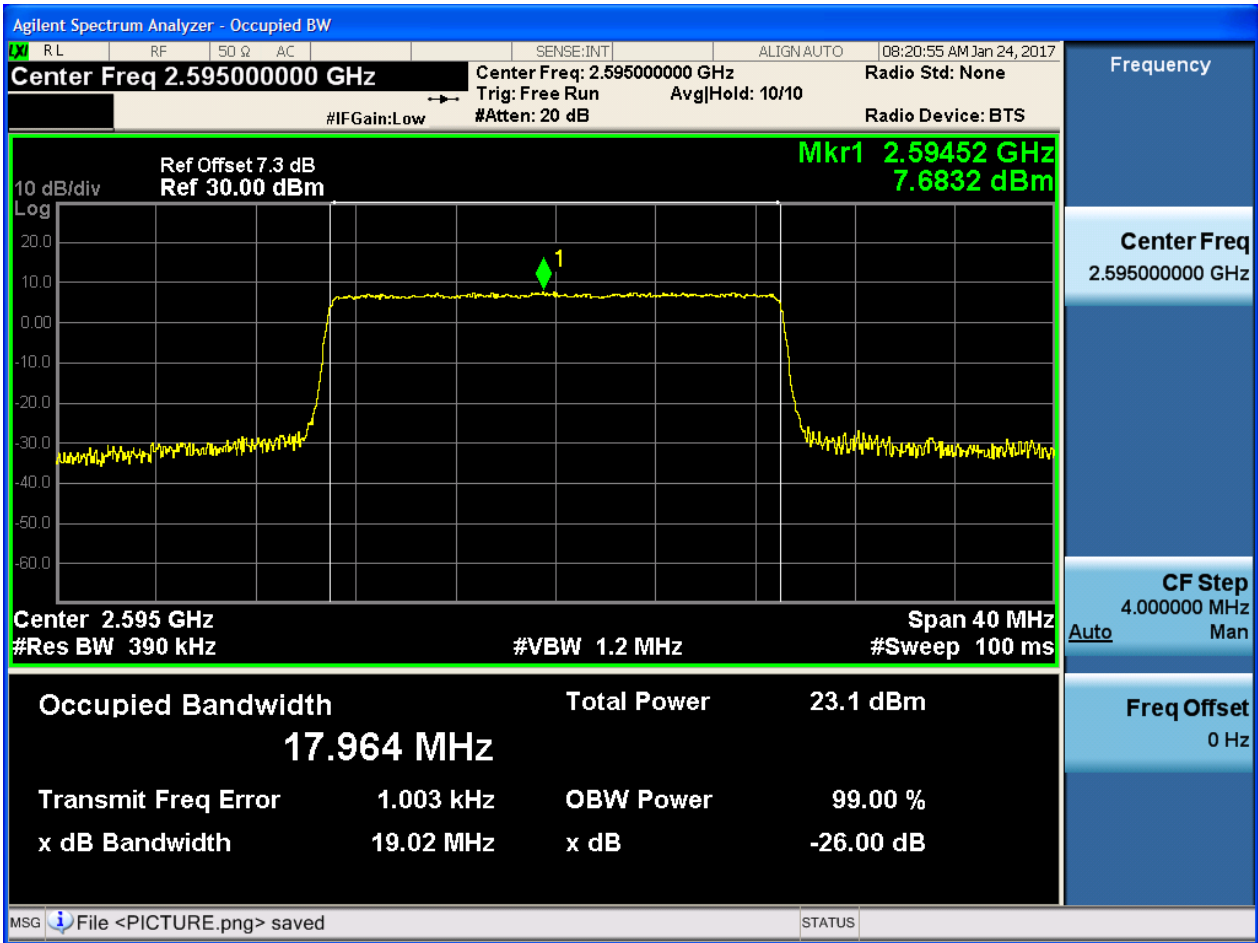
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

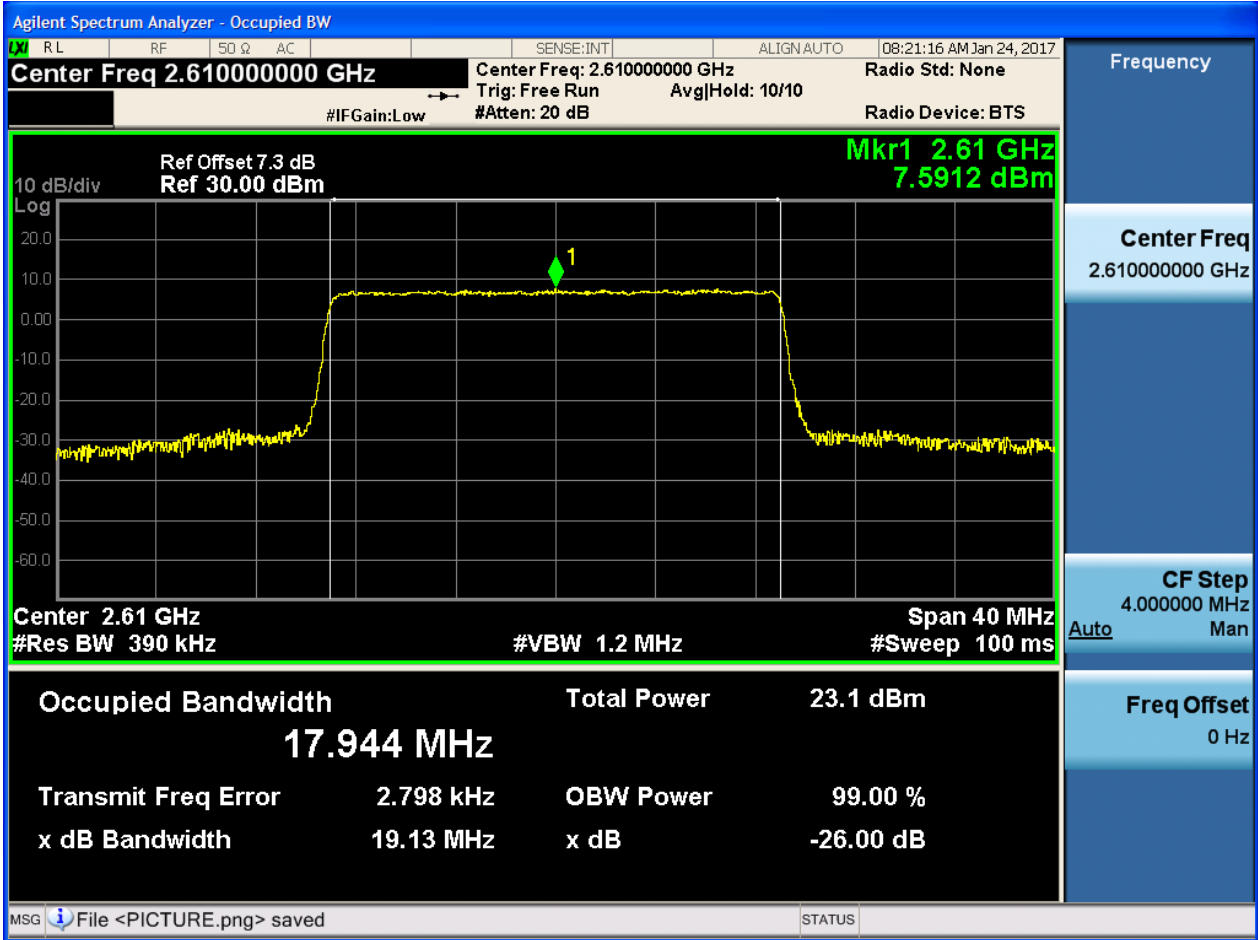
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



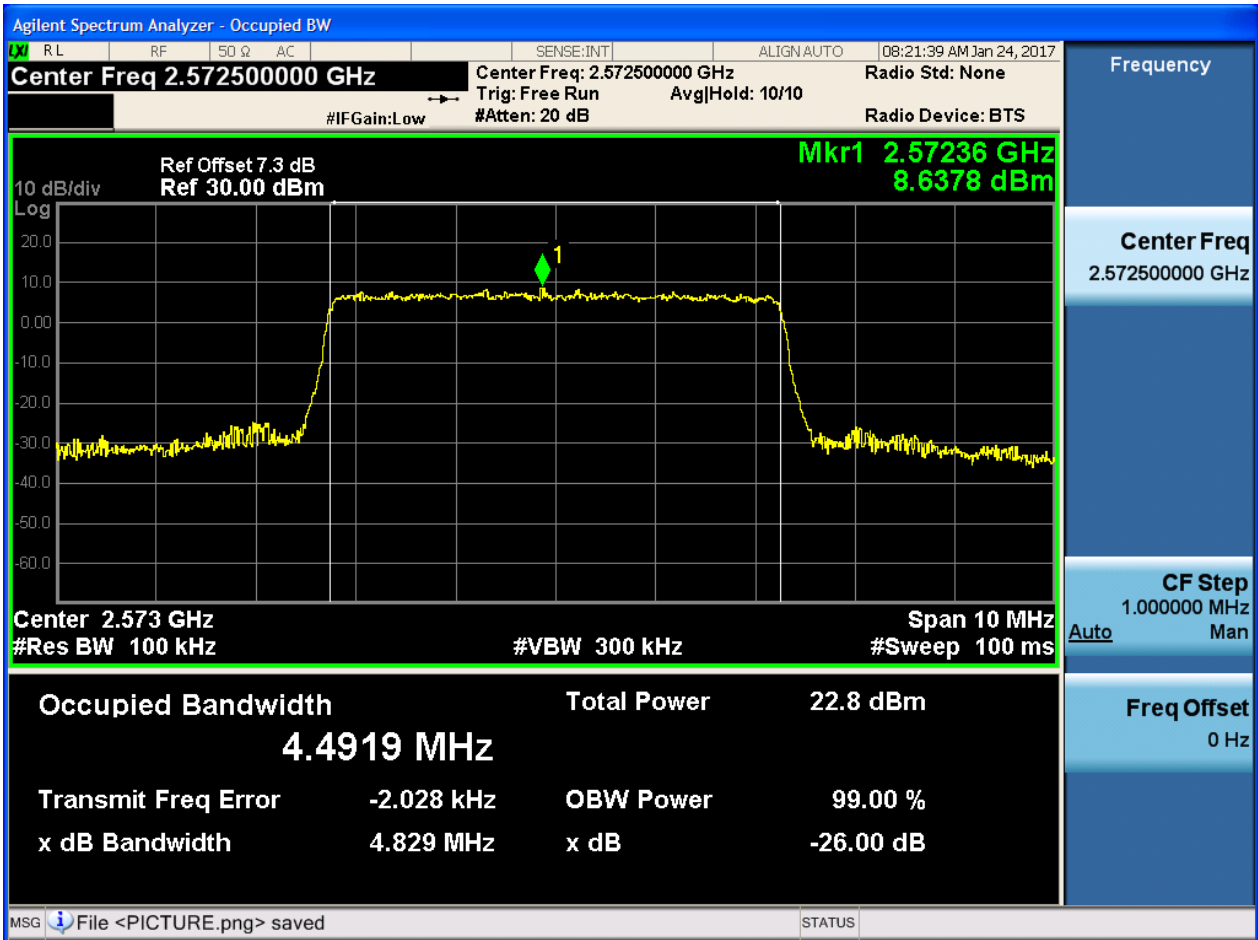


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

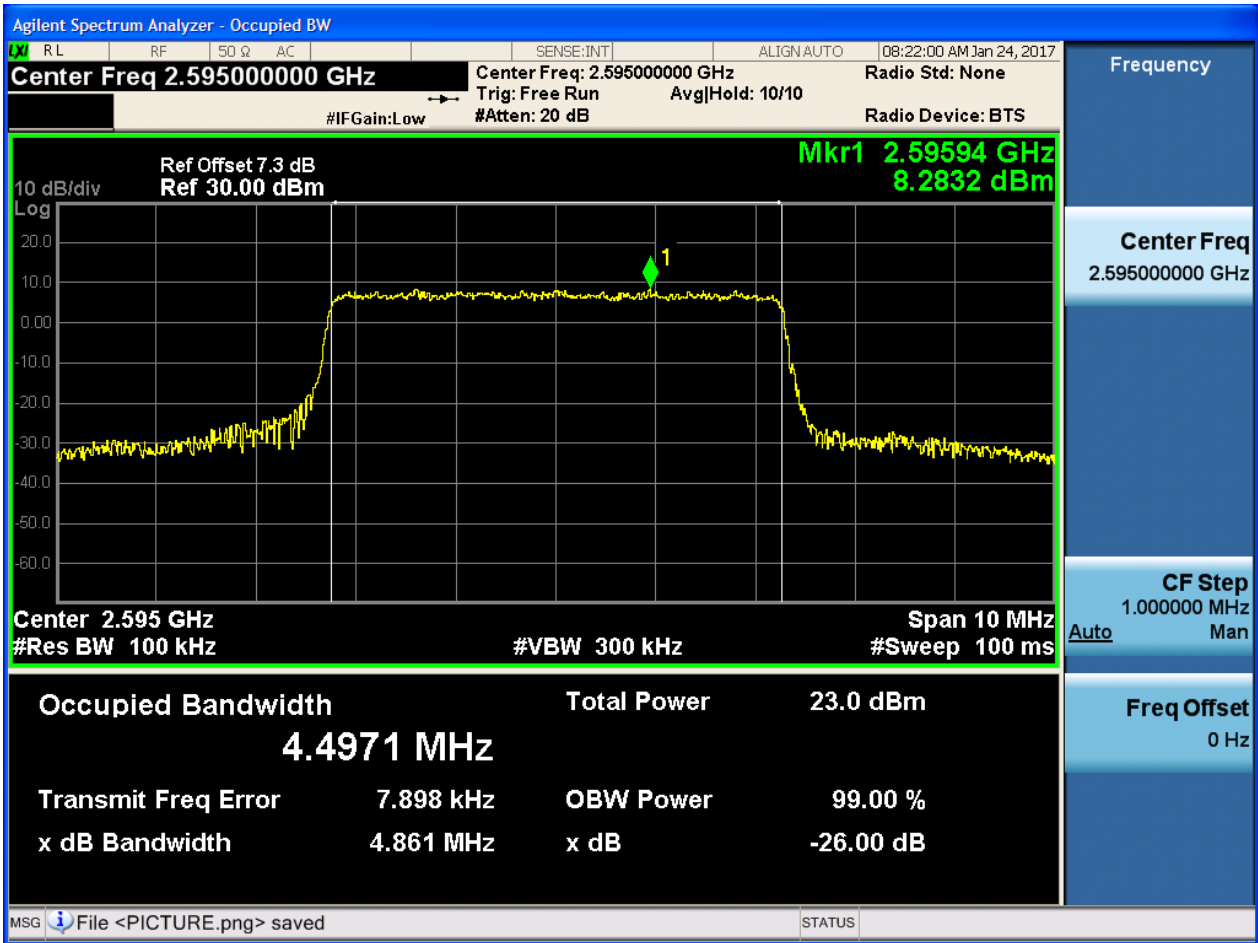
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0

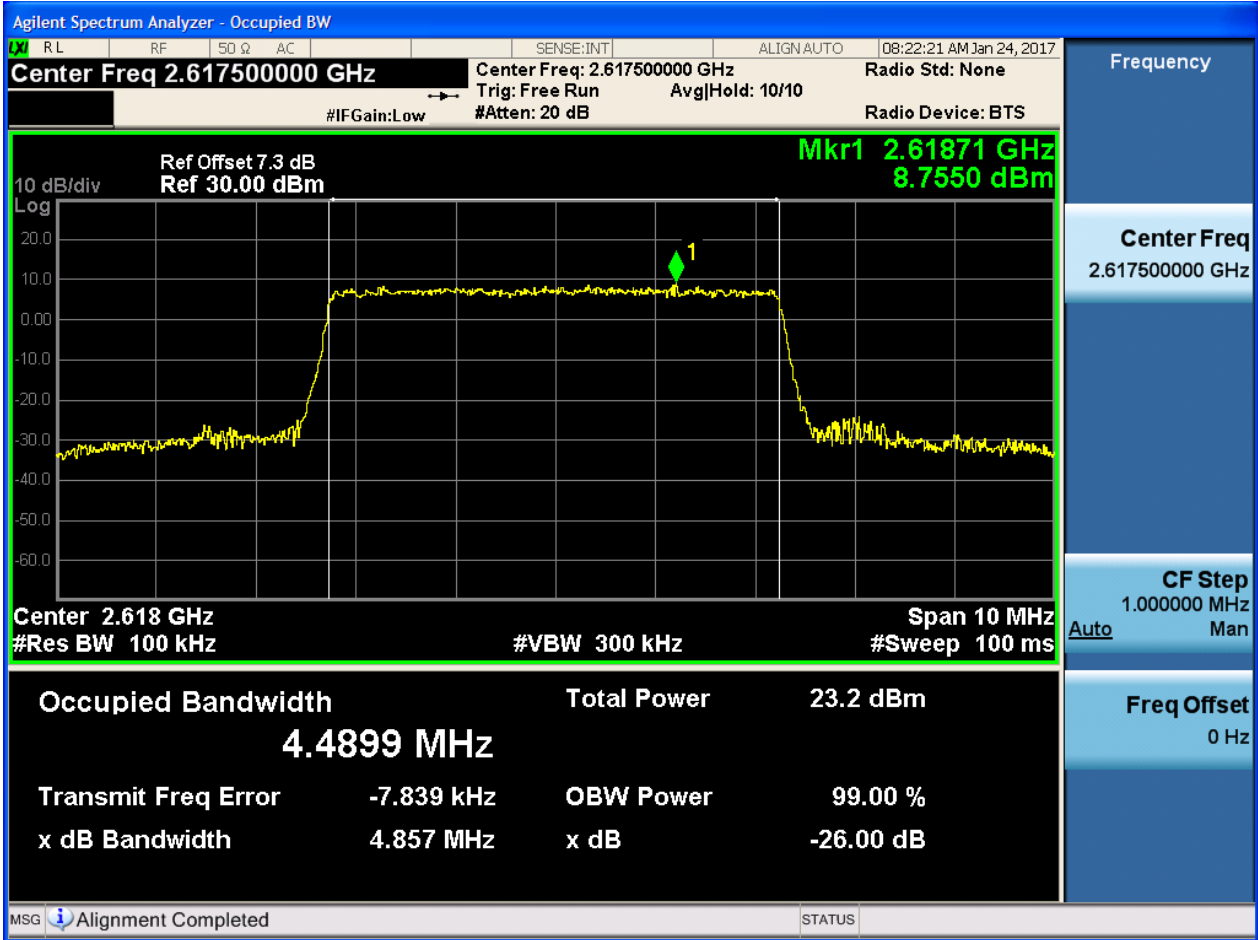






4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

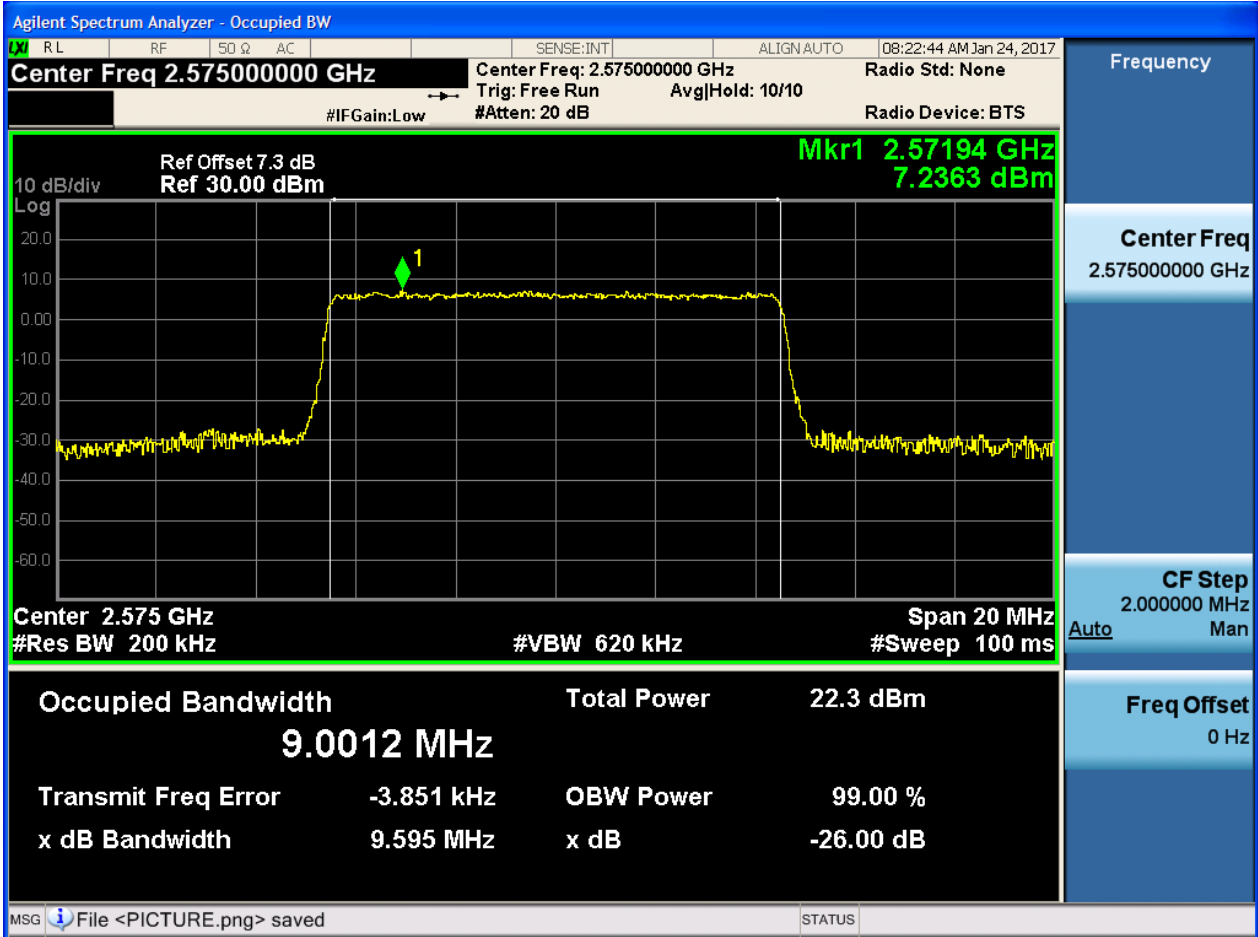




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

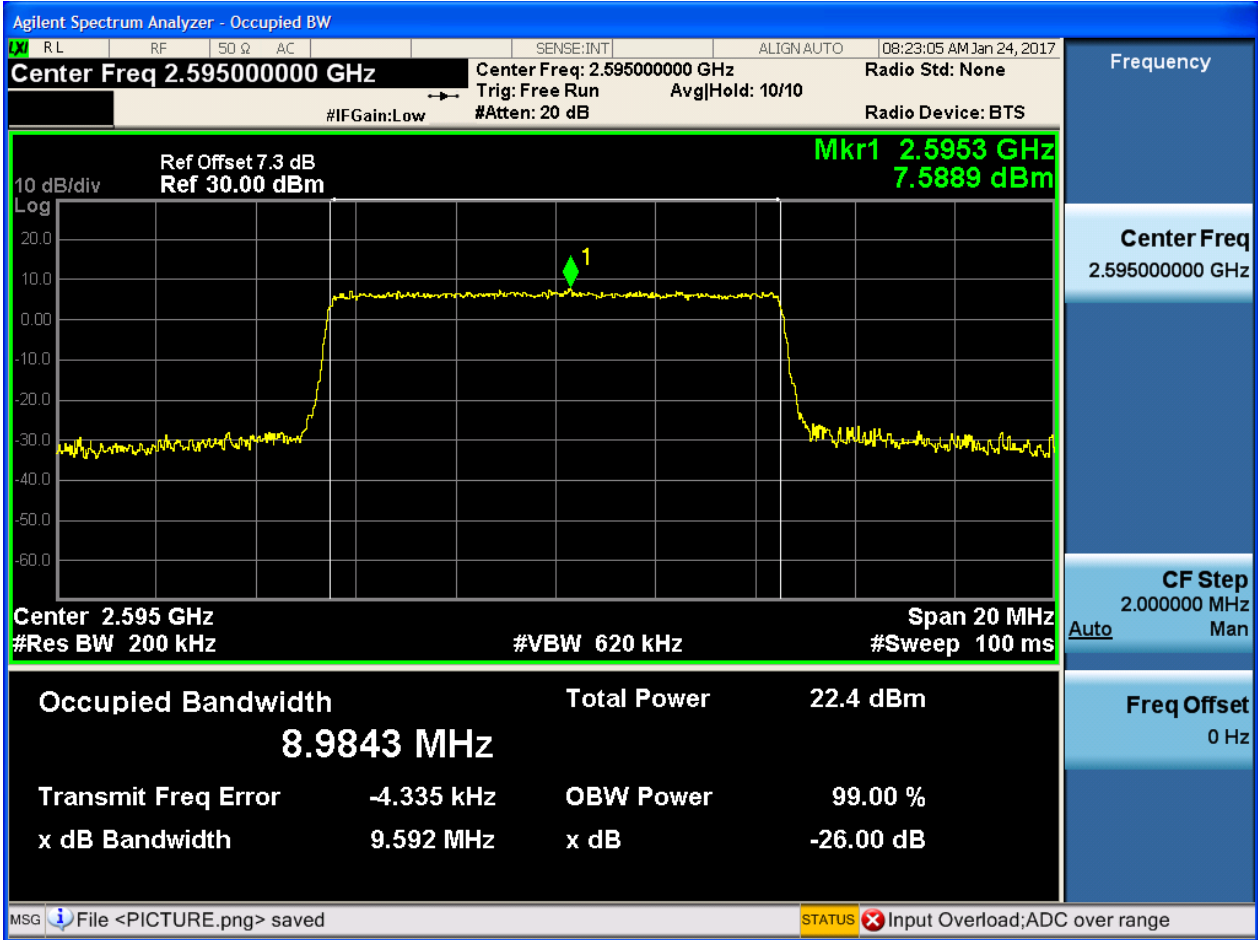
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

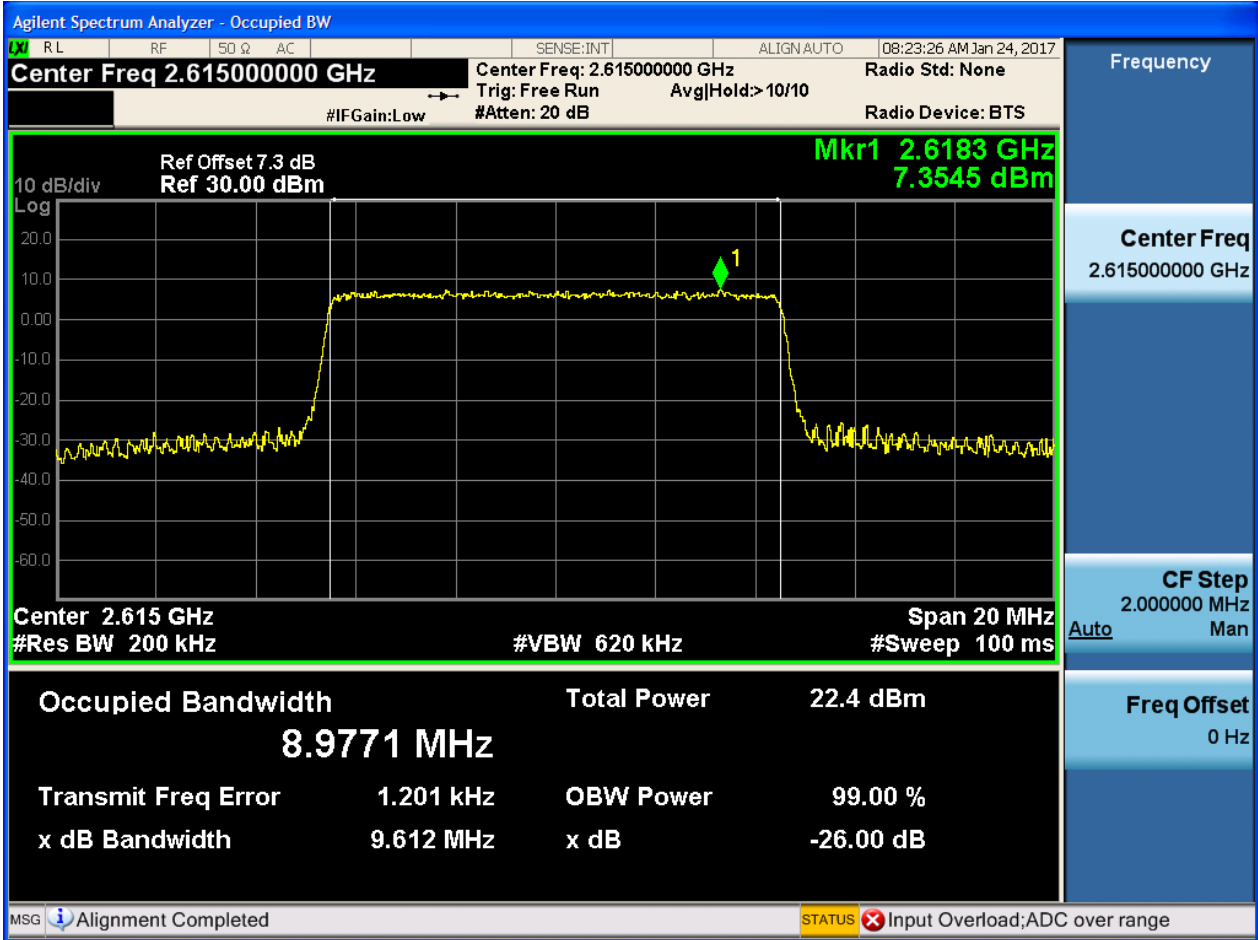
4.1.1.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

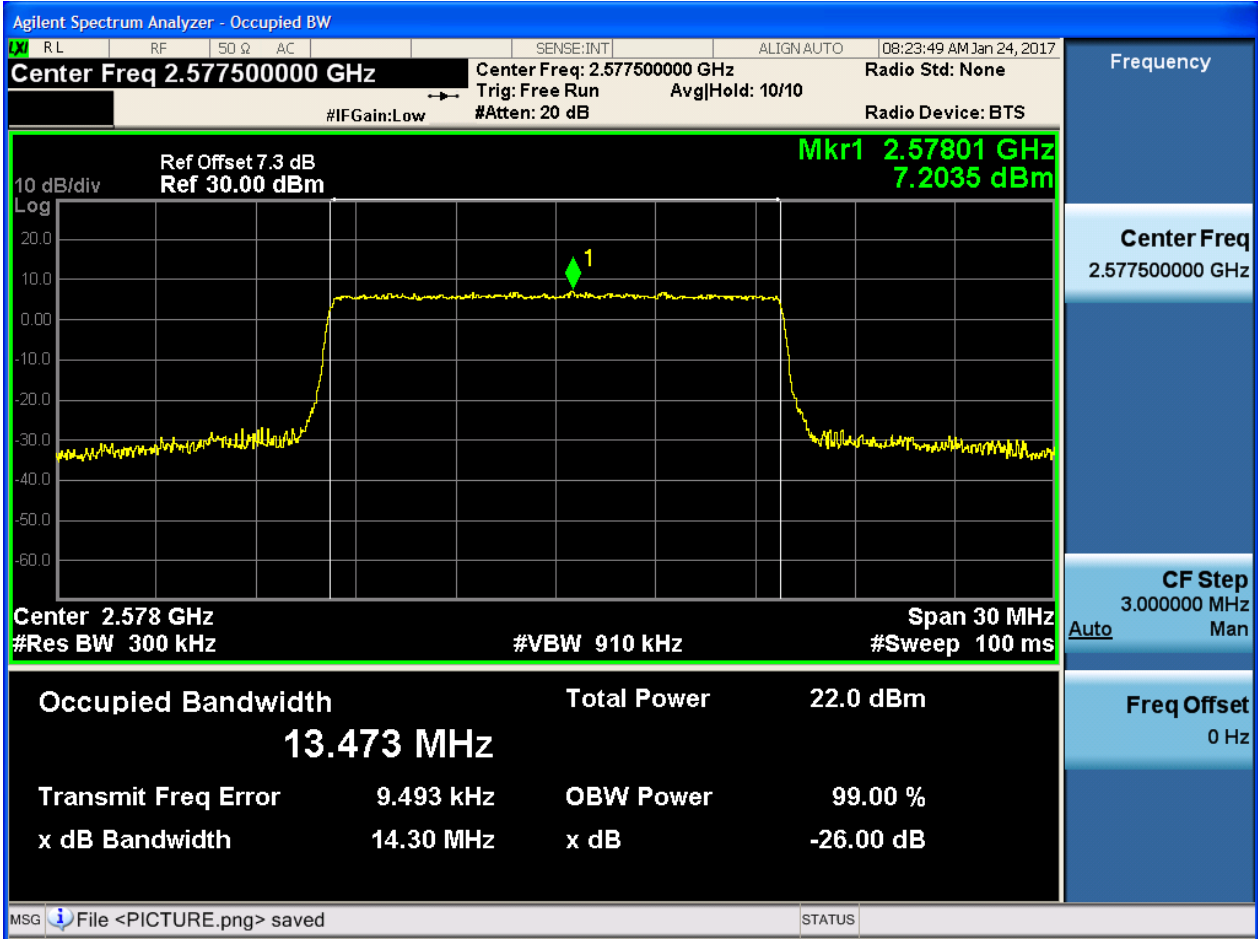




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

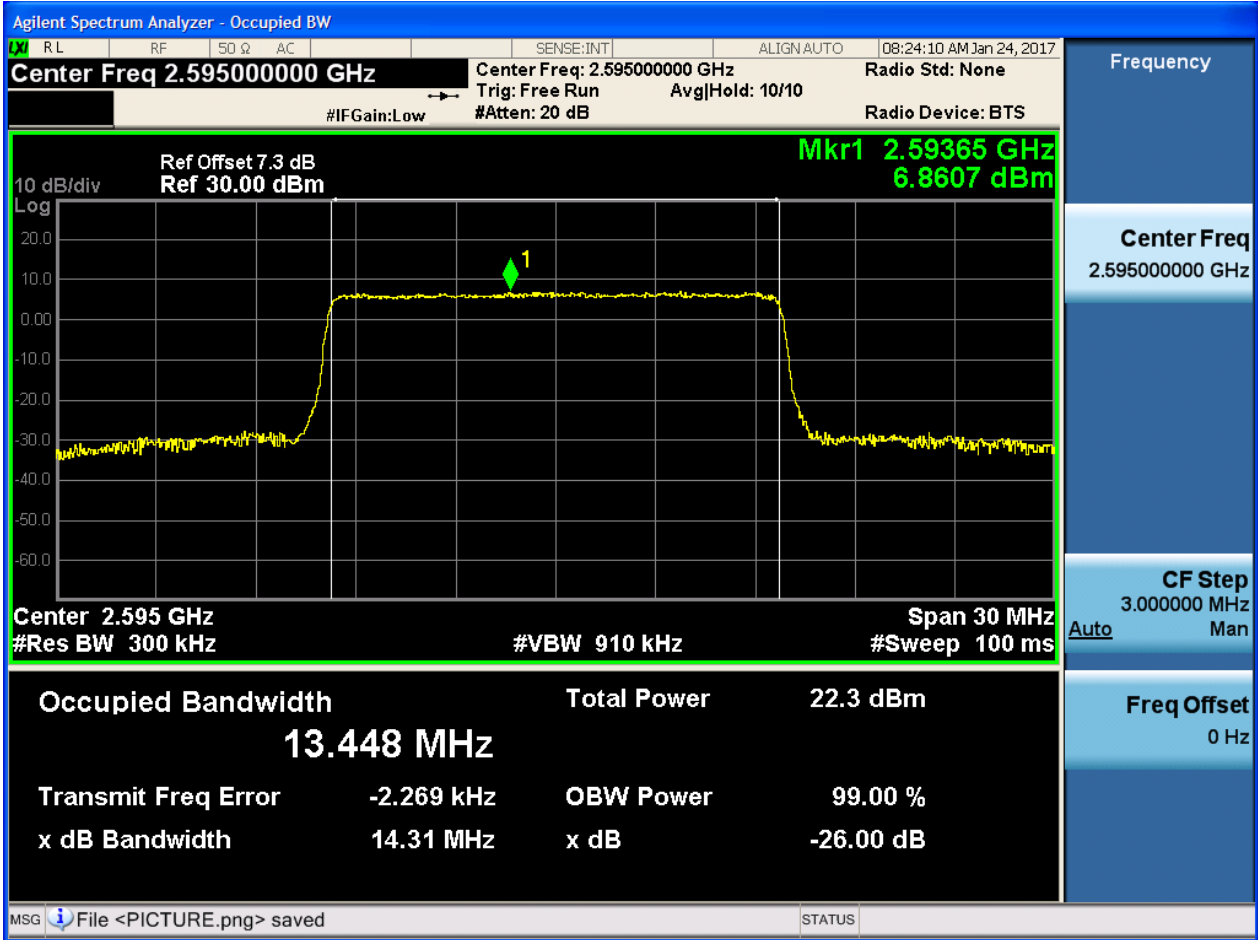
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

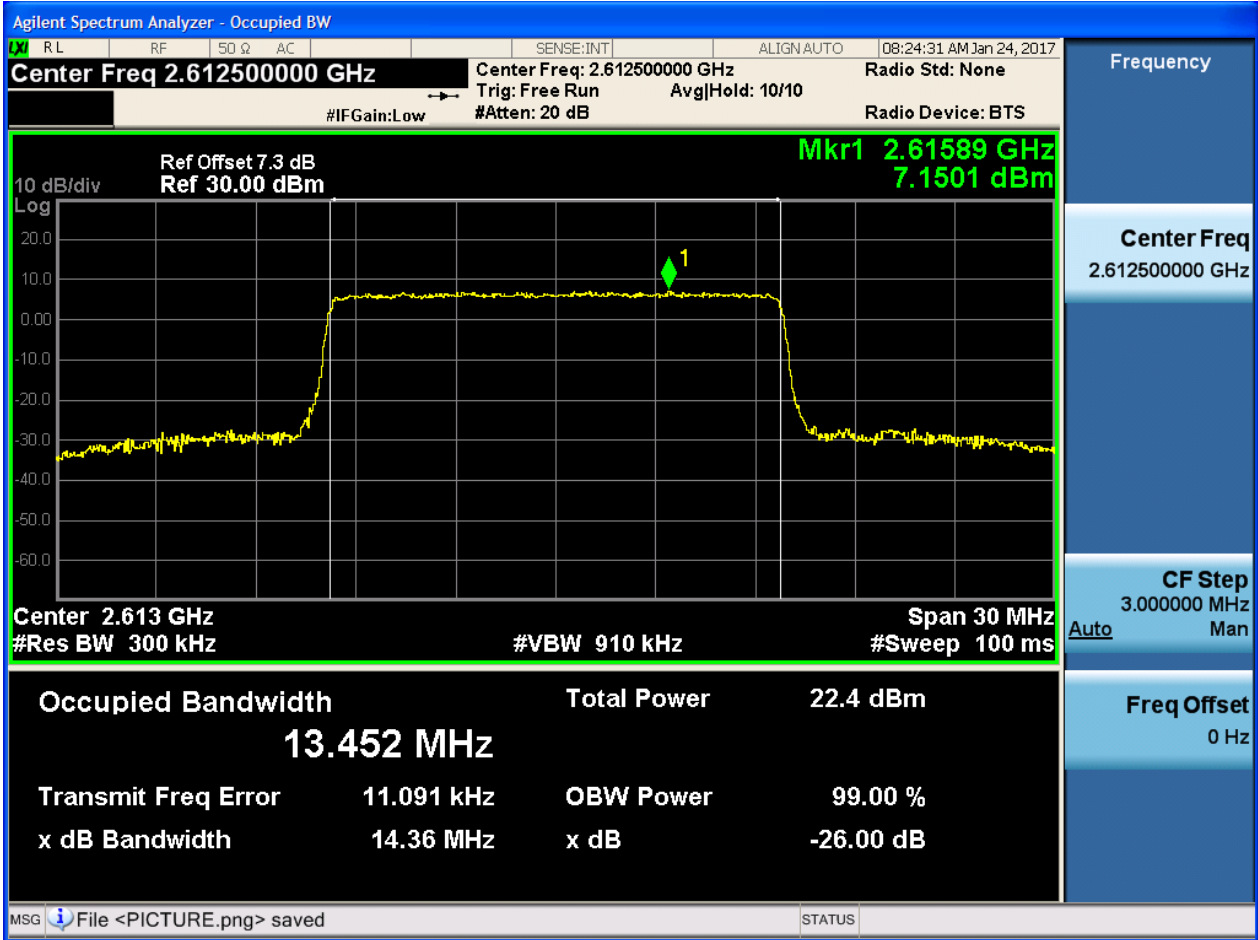
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

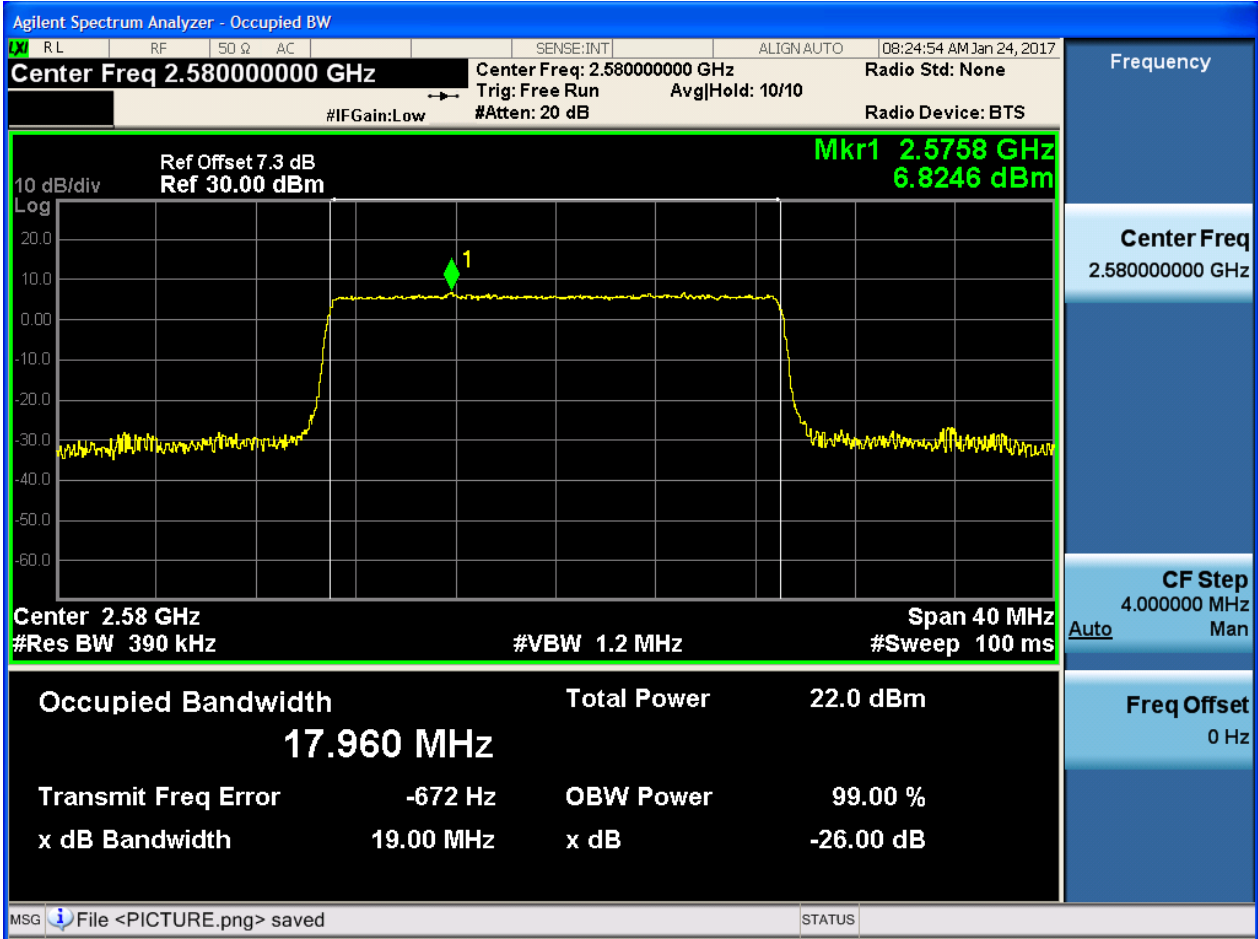




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0

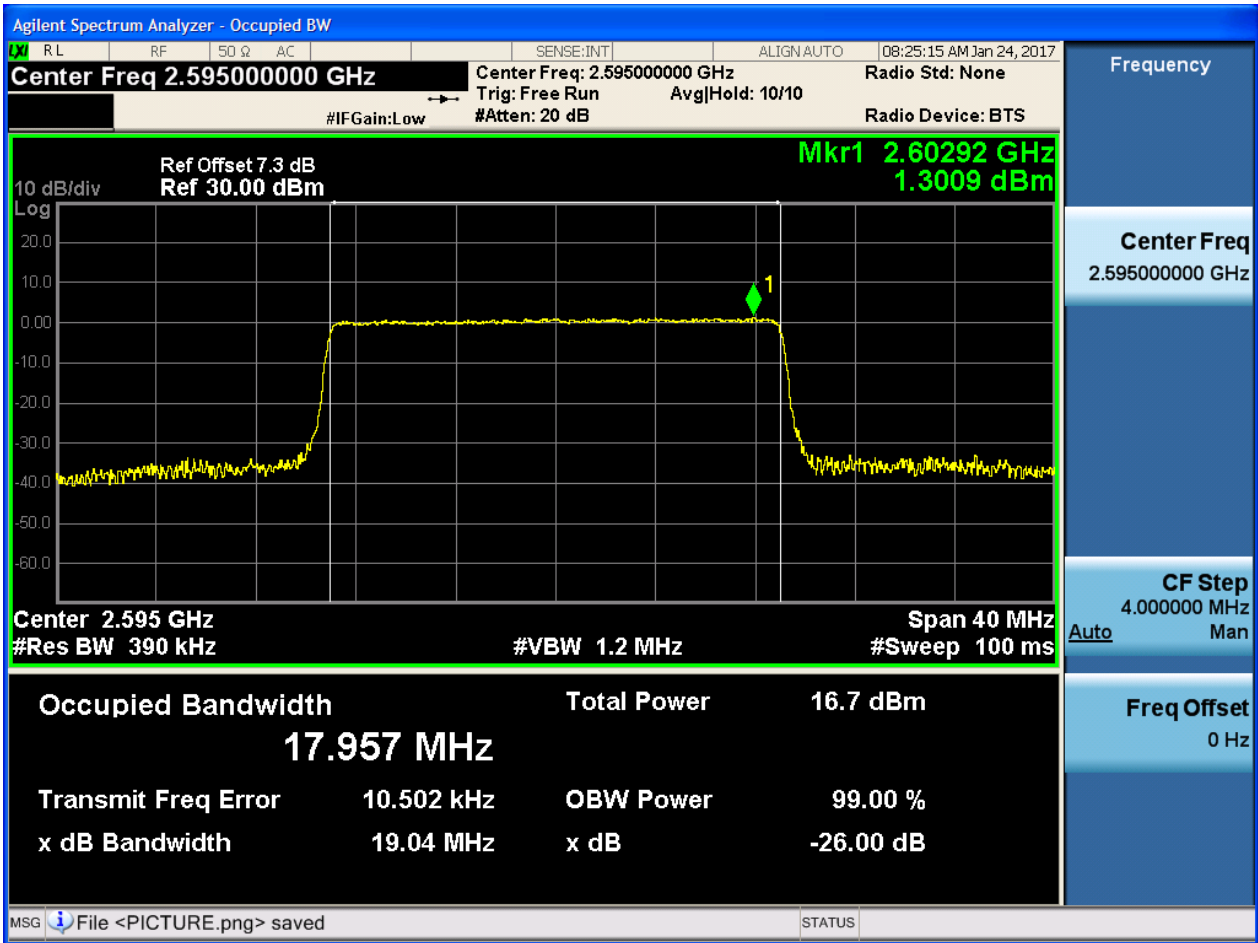






4.1.1.2.4.2 Test Channel = MCH

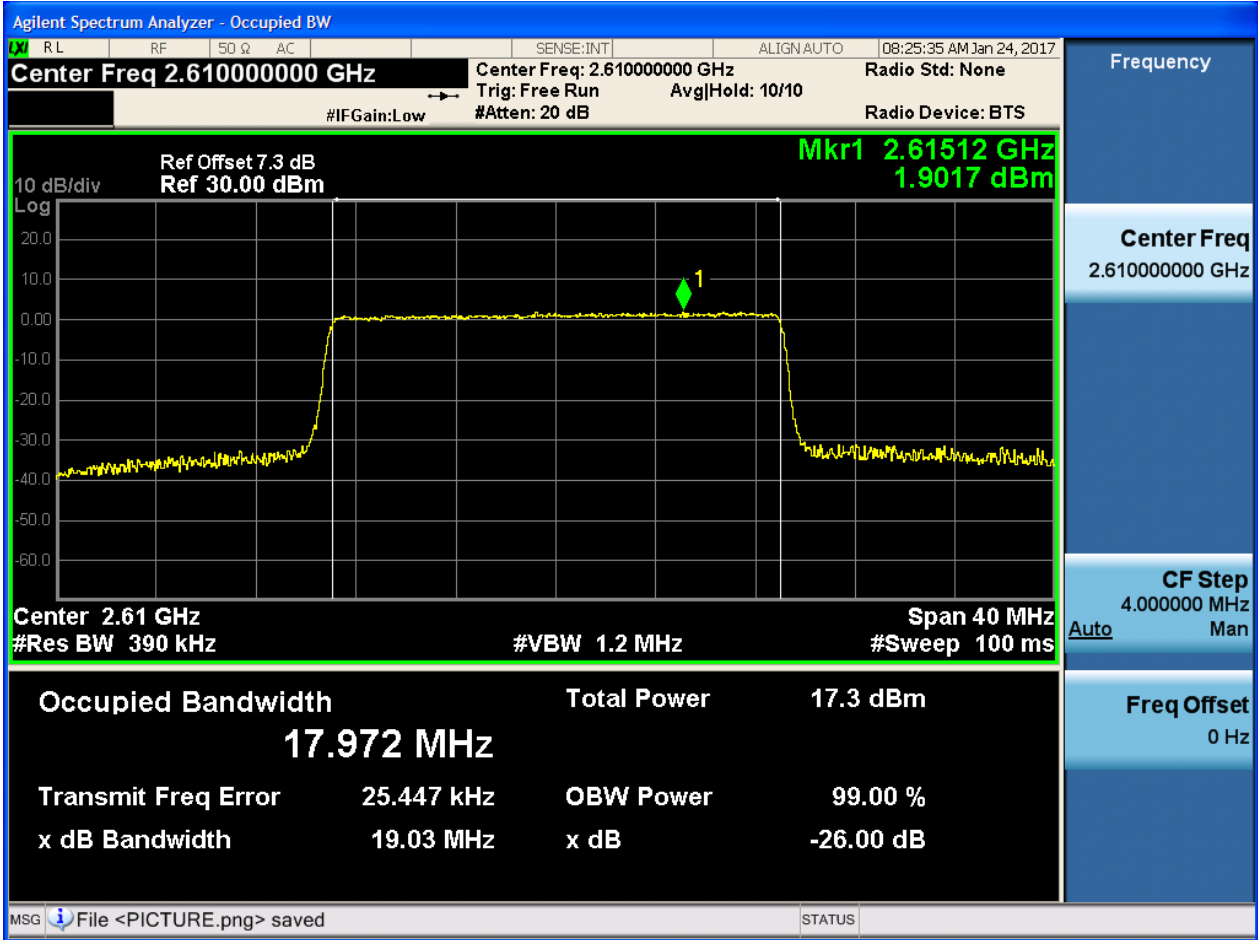
4.1.1.2.4.2.1 Test RB = RB100#0





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

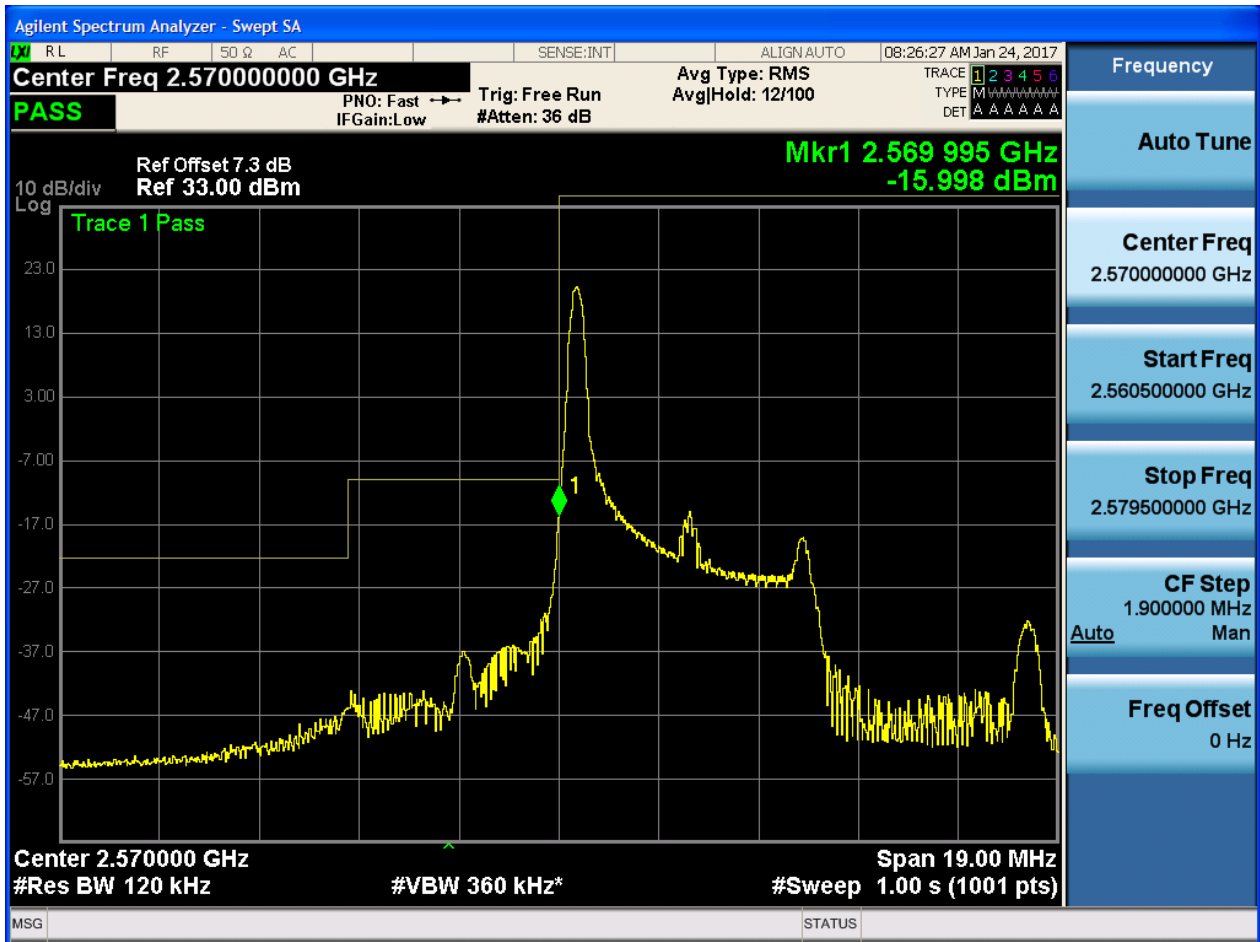
#### 5.1.1 Test Band = BAND38

##### 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







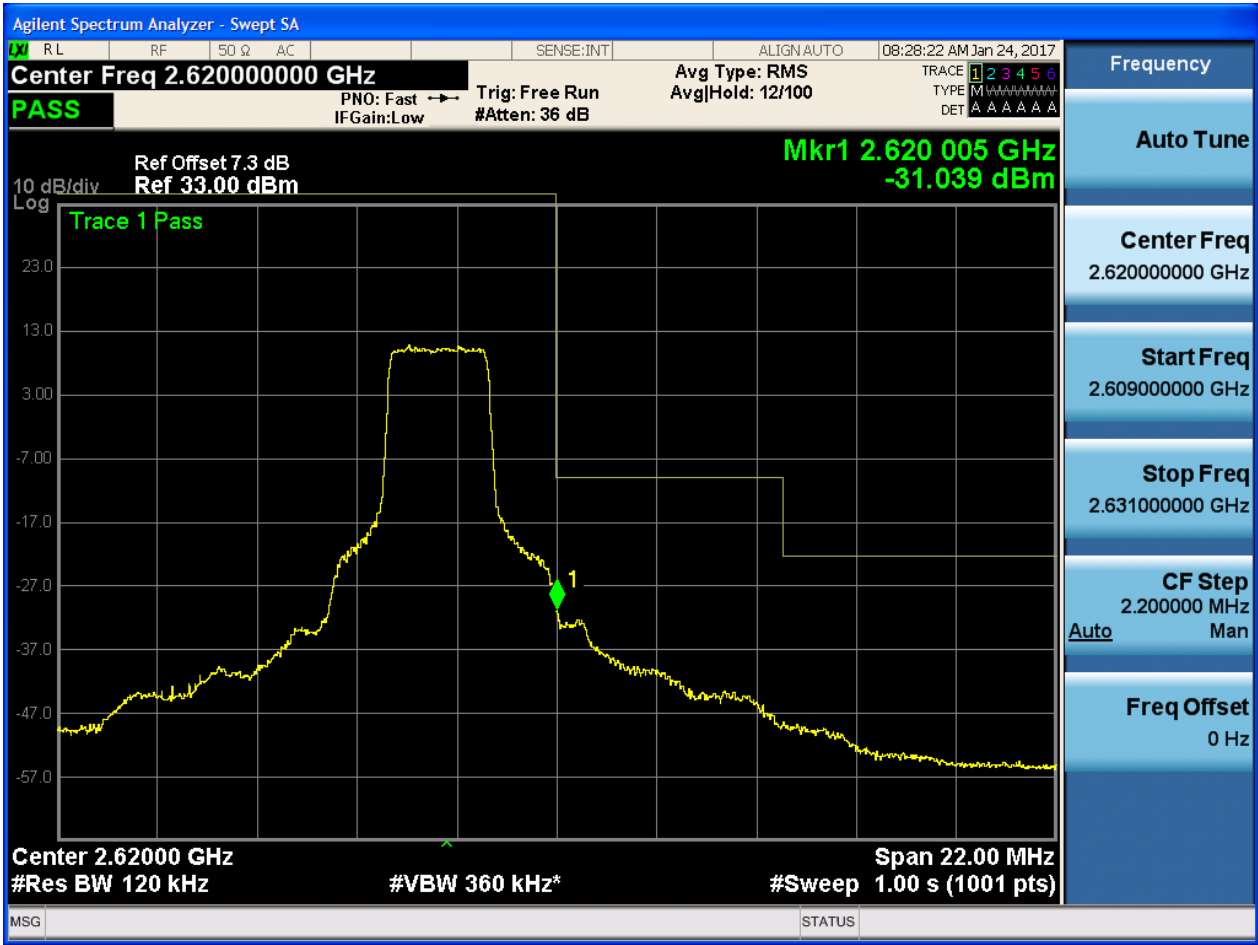
5.1.1.1.1.2.2 Test RB = RB1#24





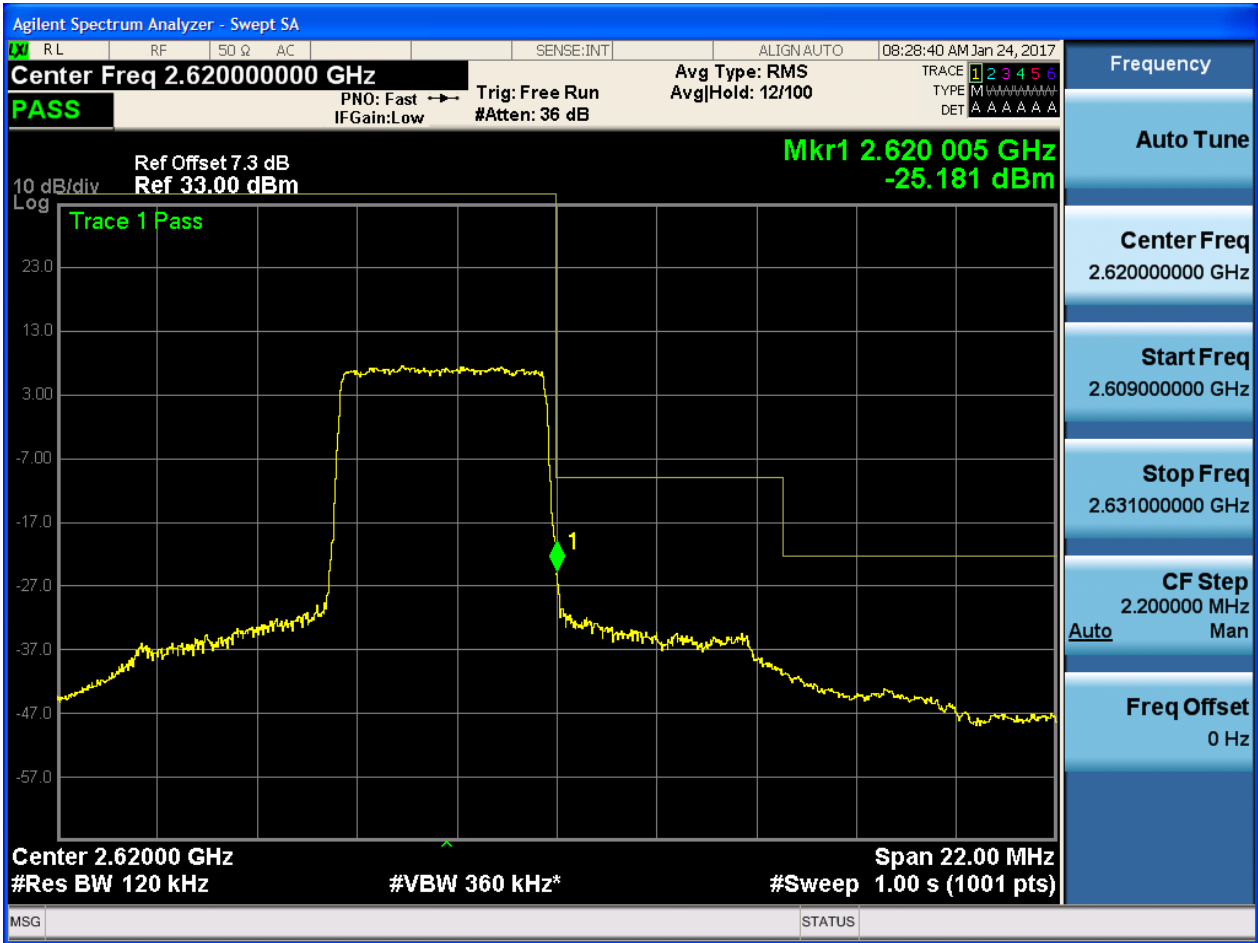


5.1.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.1.2.4 Test RB = RB25#0

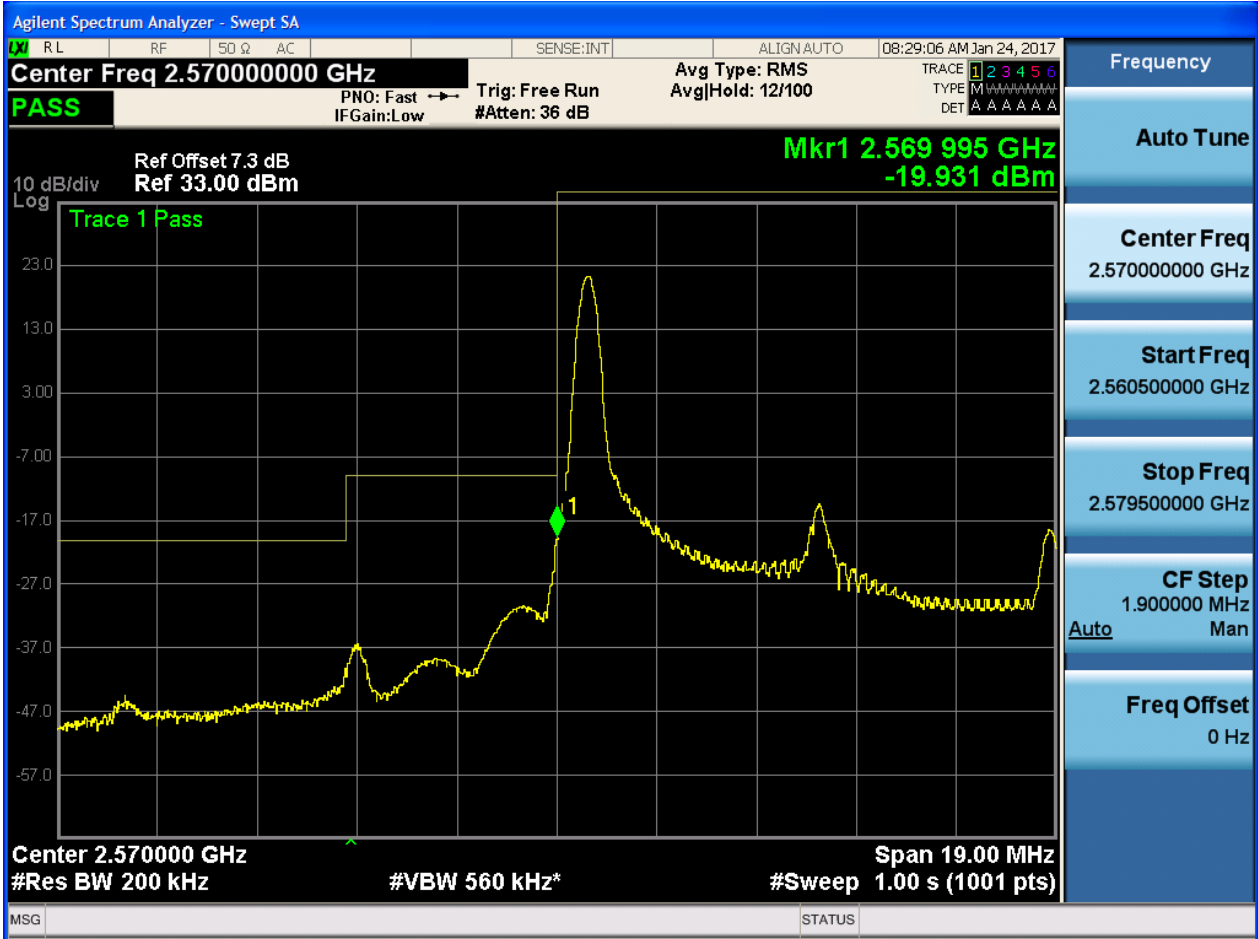




5.1.1.1.2 Test Bandwidth = 10

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



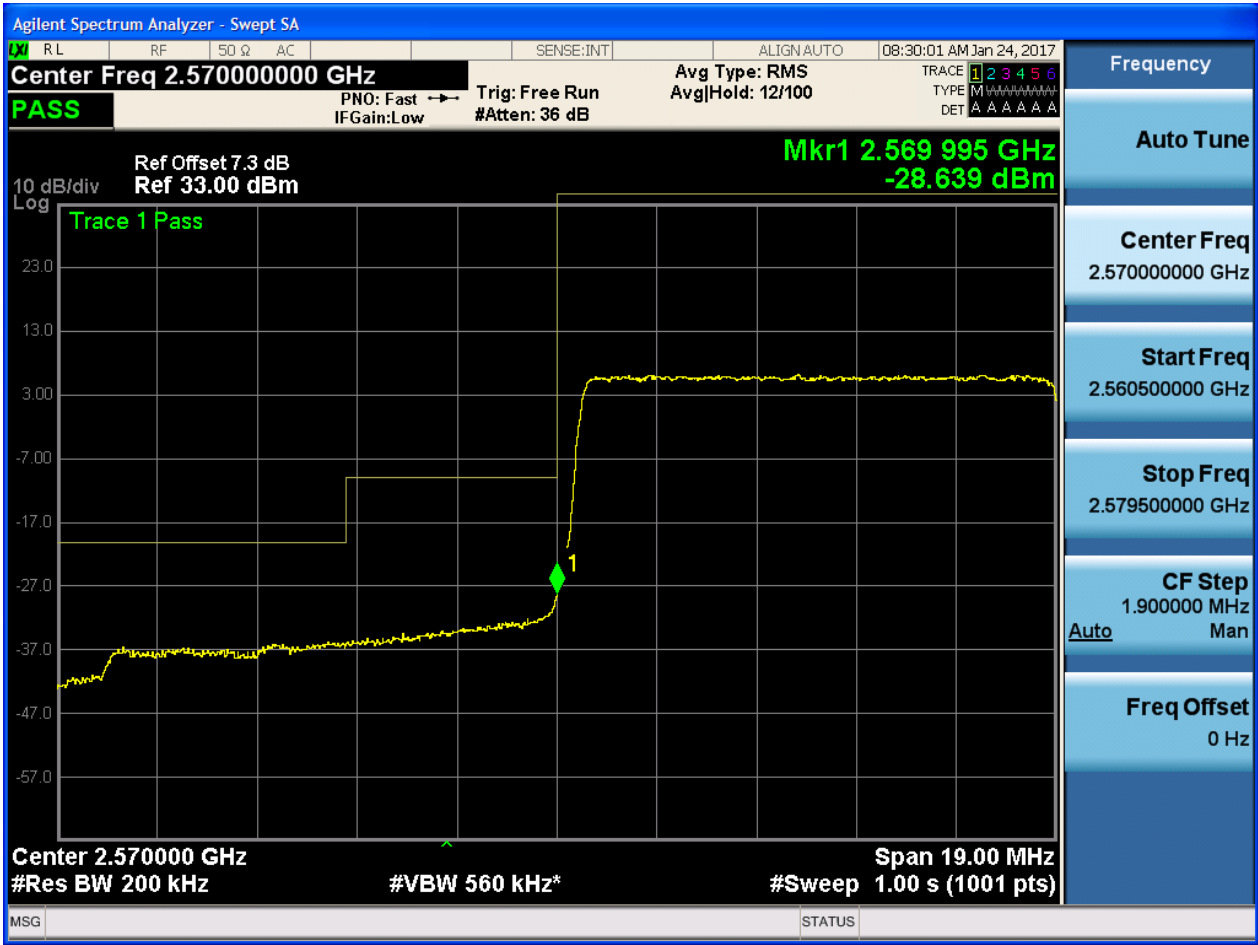


5.1.1.1.2.1.3 Test RB = RB25#13





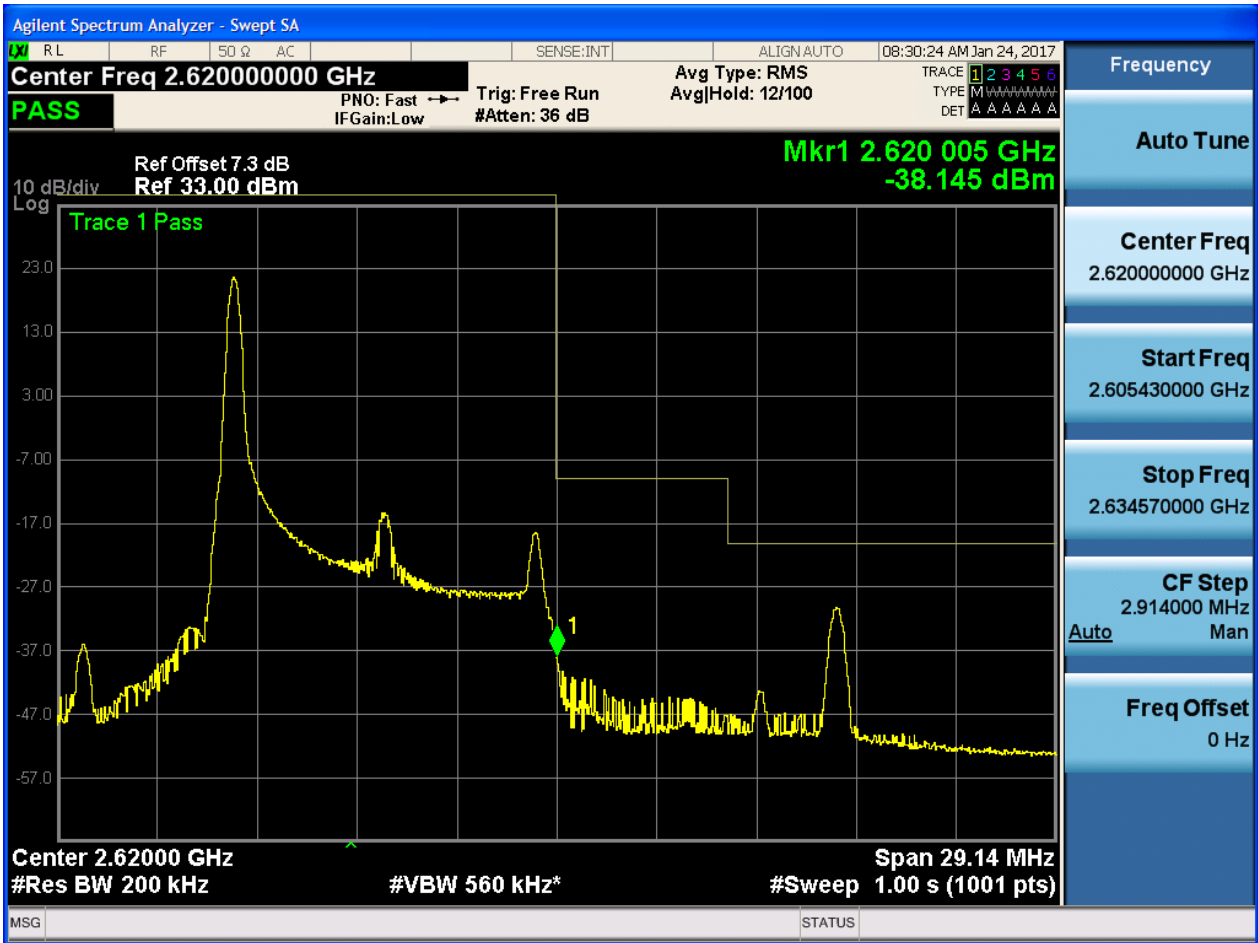
5.1.1.1.2.1.4 Test RB = RB50#0





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

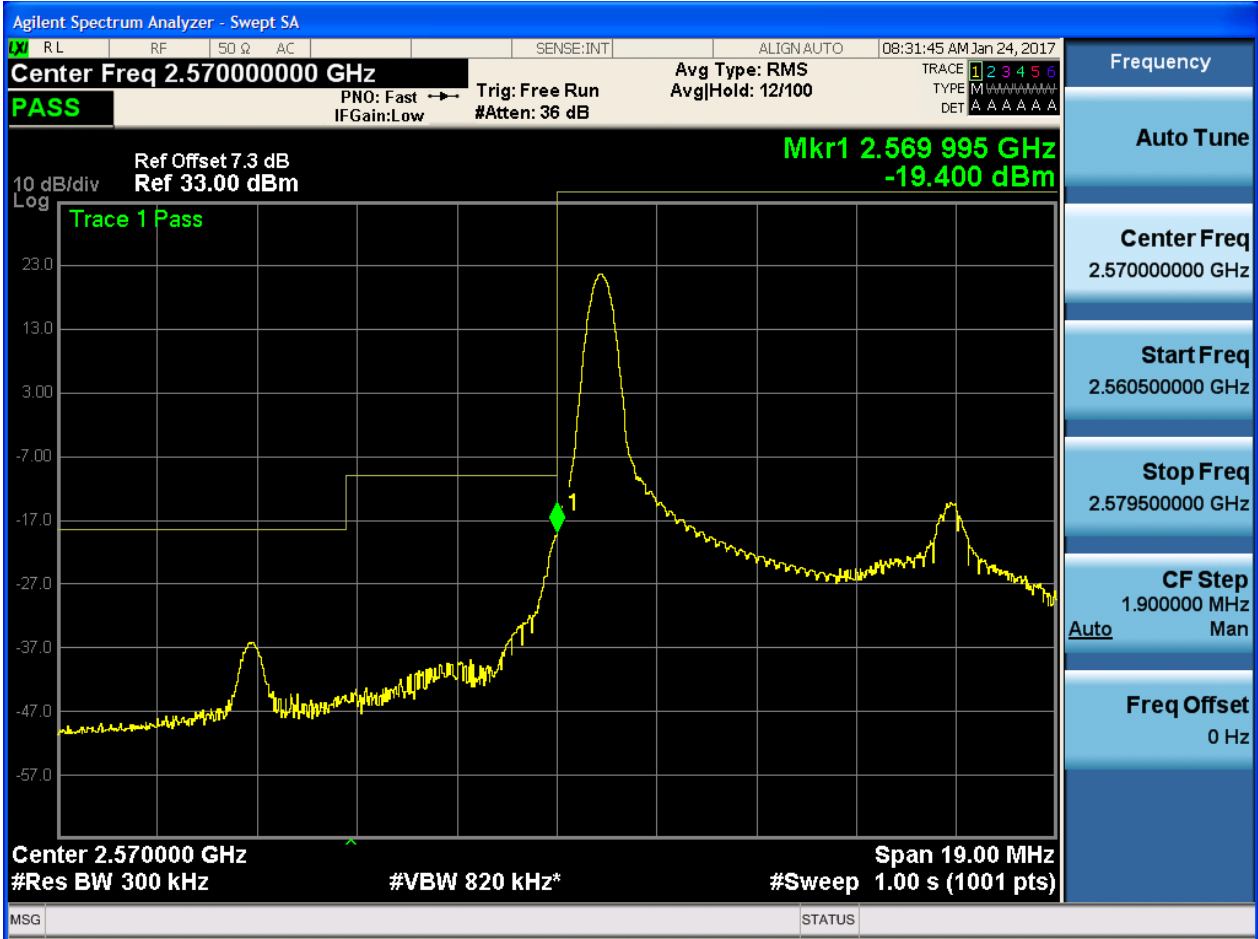




5.1.1.1.3 Test Bandwidth = 15

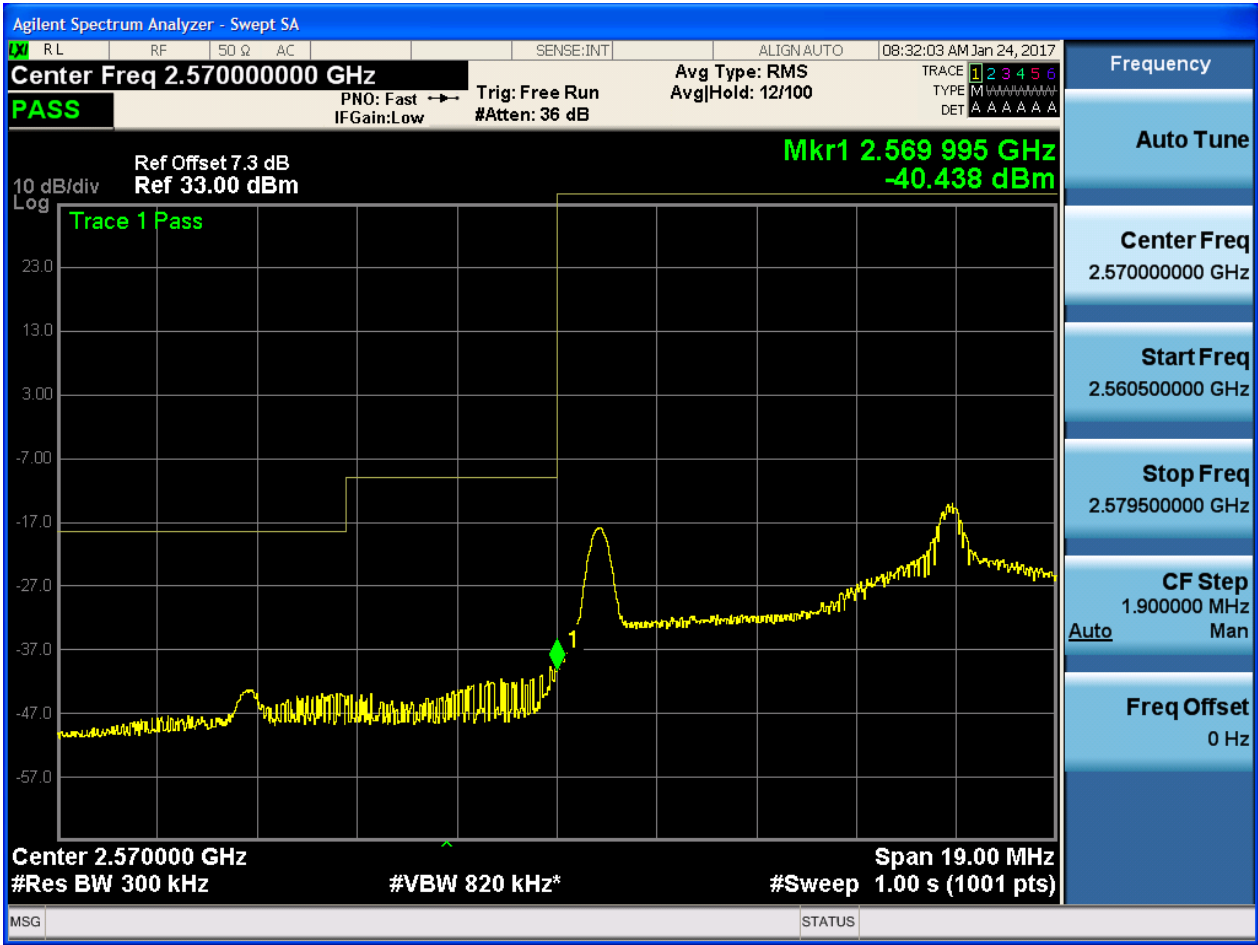
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



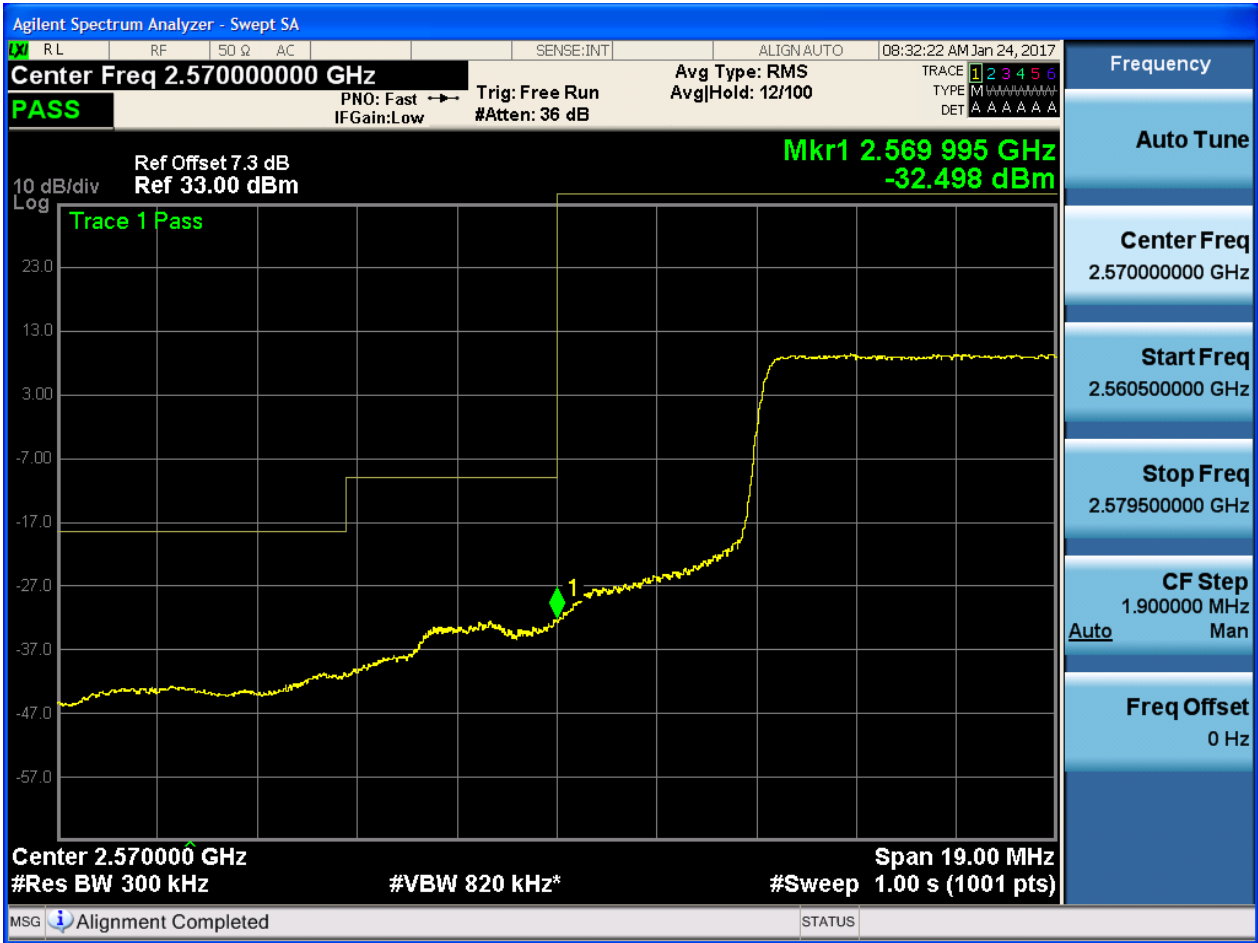


5.1.1.1.3.1.2 Test RB = RB1#74



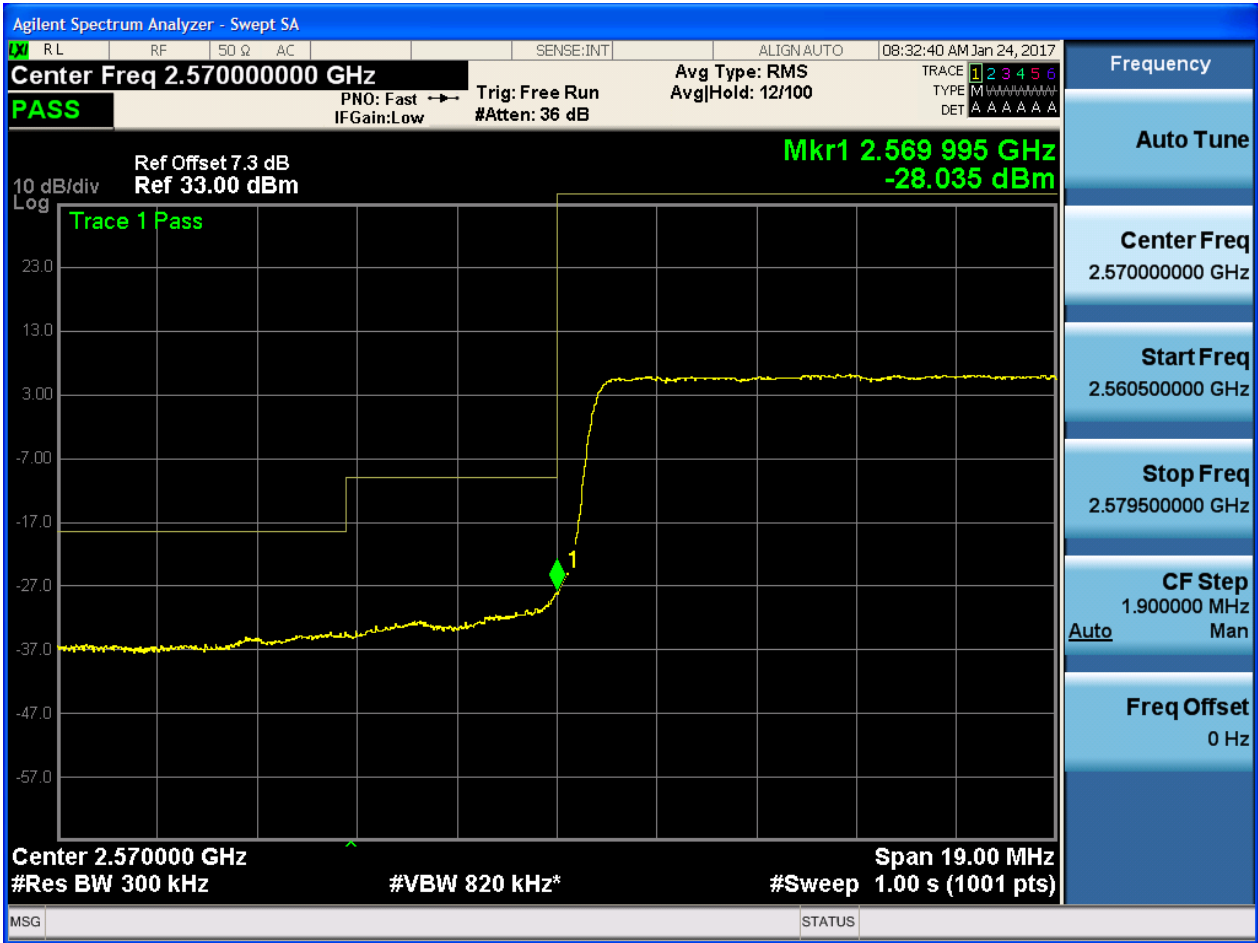


5.1.1.1.3.1.3 Test RB = RB36#18





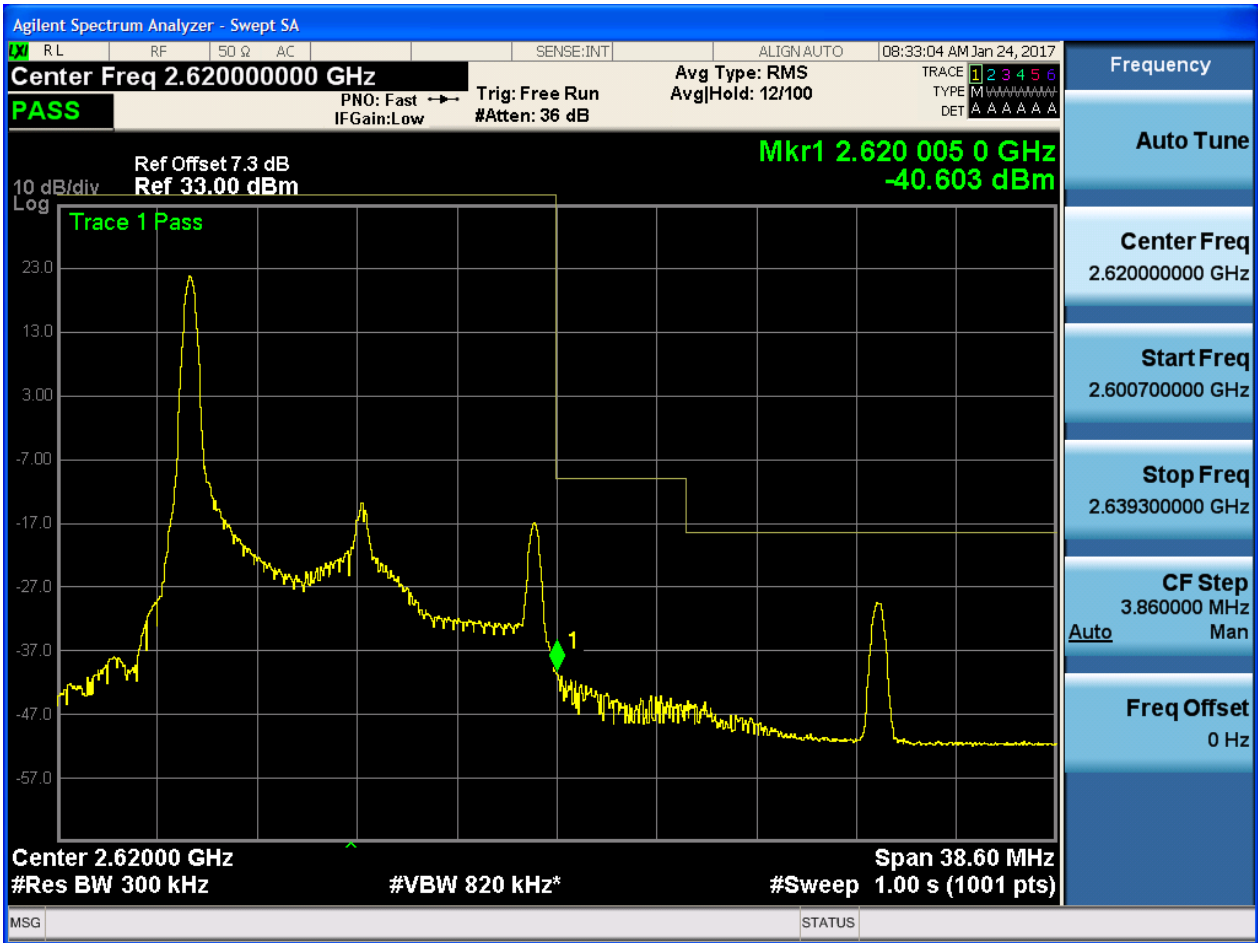
5.1.1.1.3.1.4 Test RB = RB75#0





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

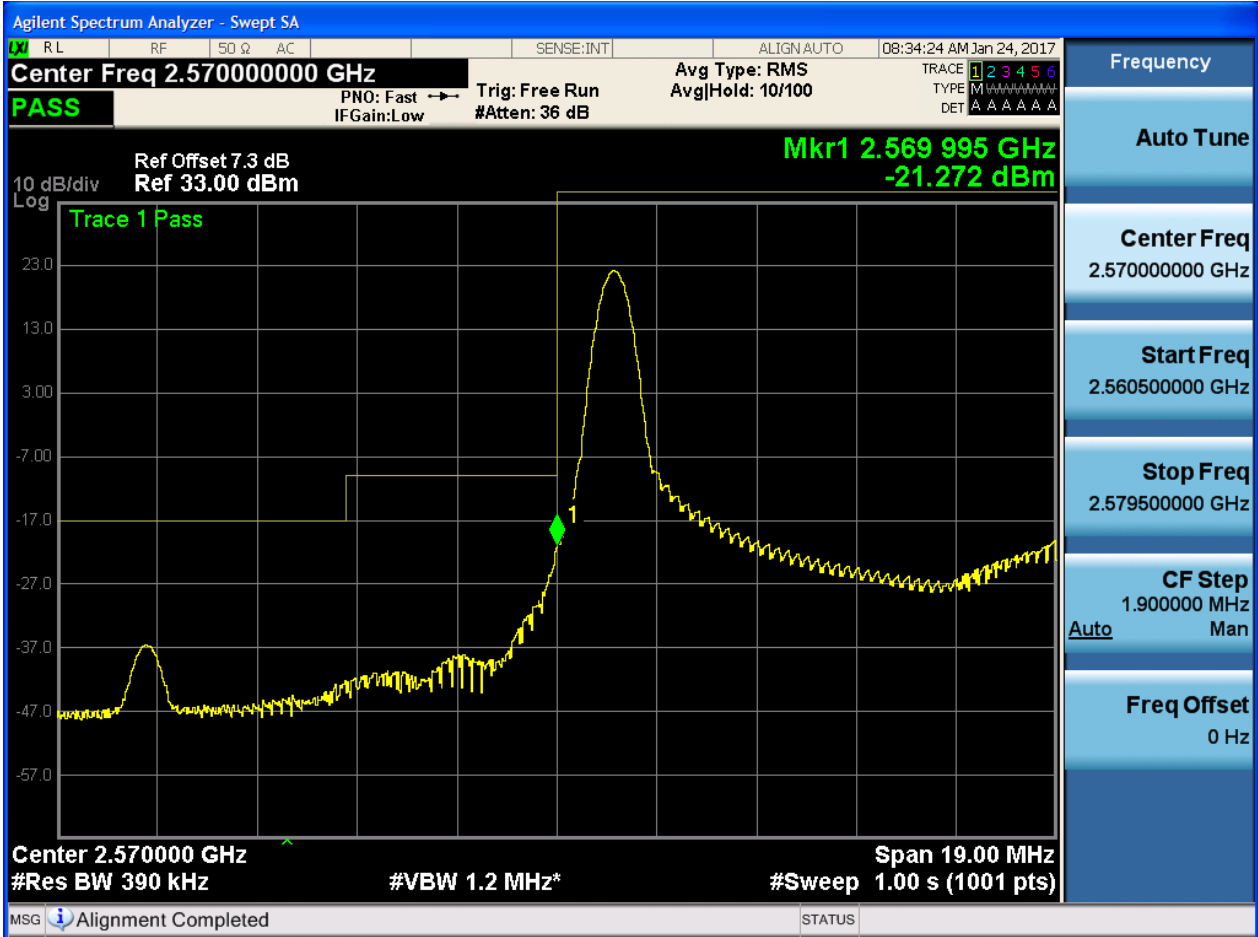




5.1.1.1.4 Test Bandwidth = 20

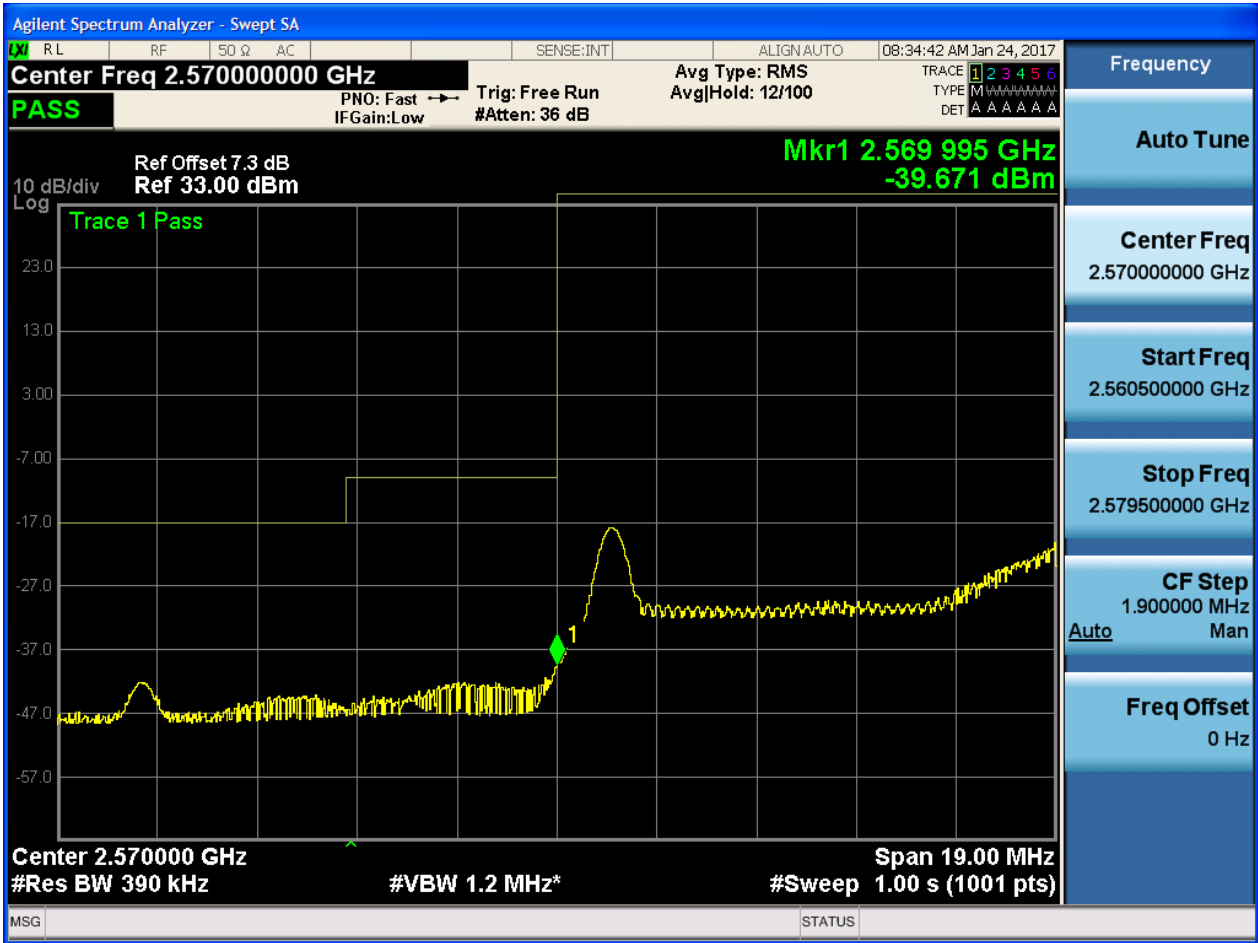
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#99



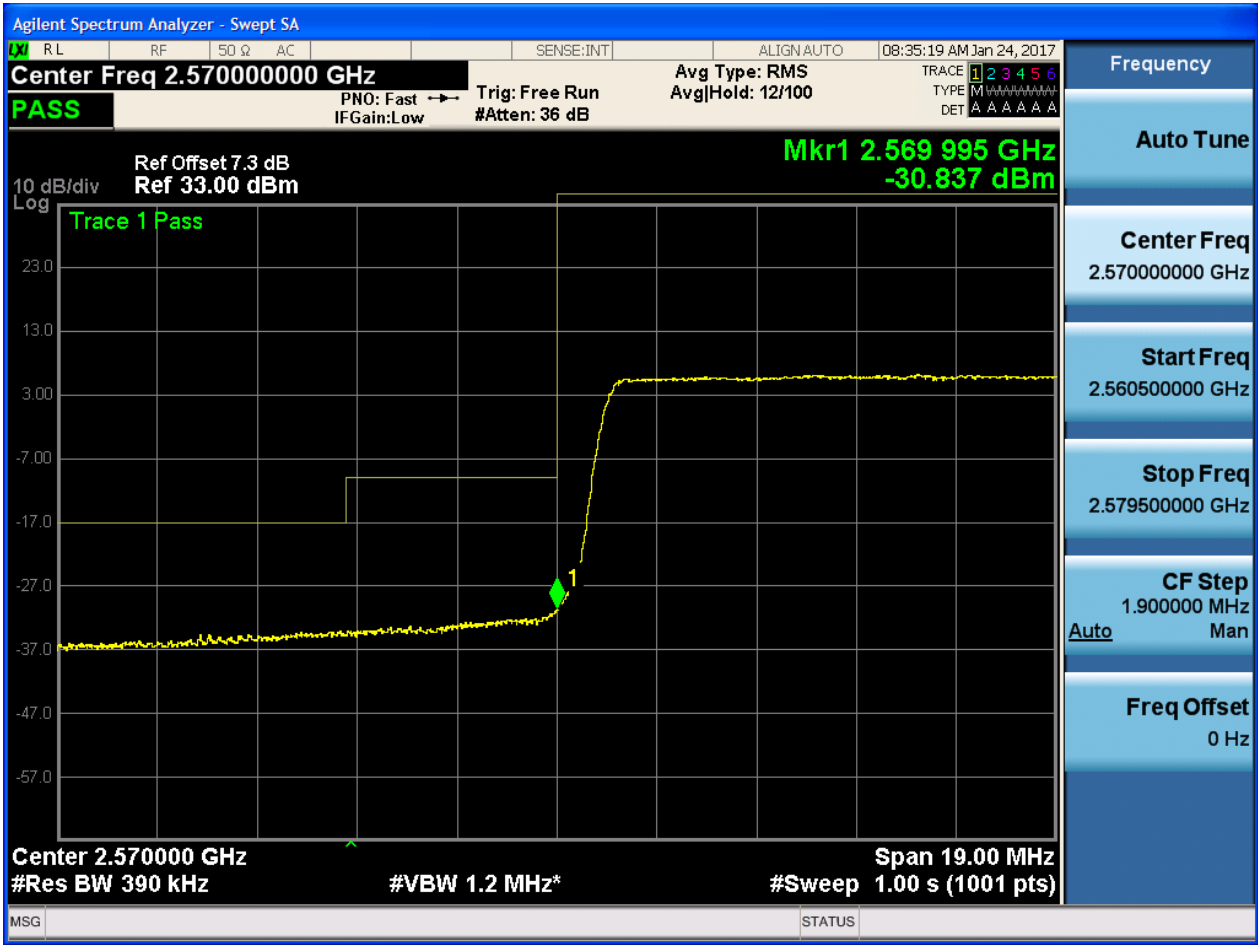


5.1.1.1.4.1.3 Test RB = RB50#25





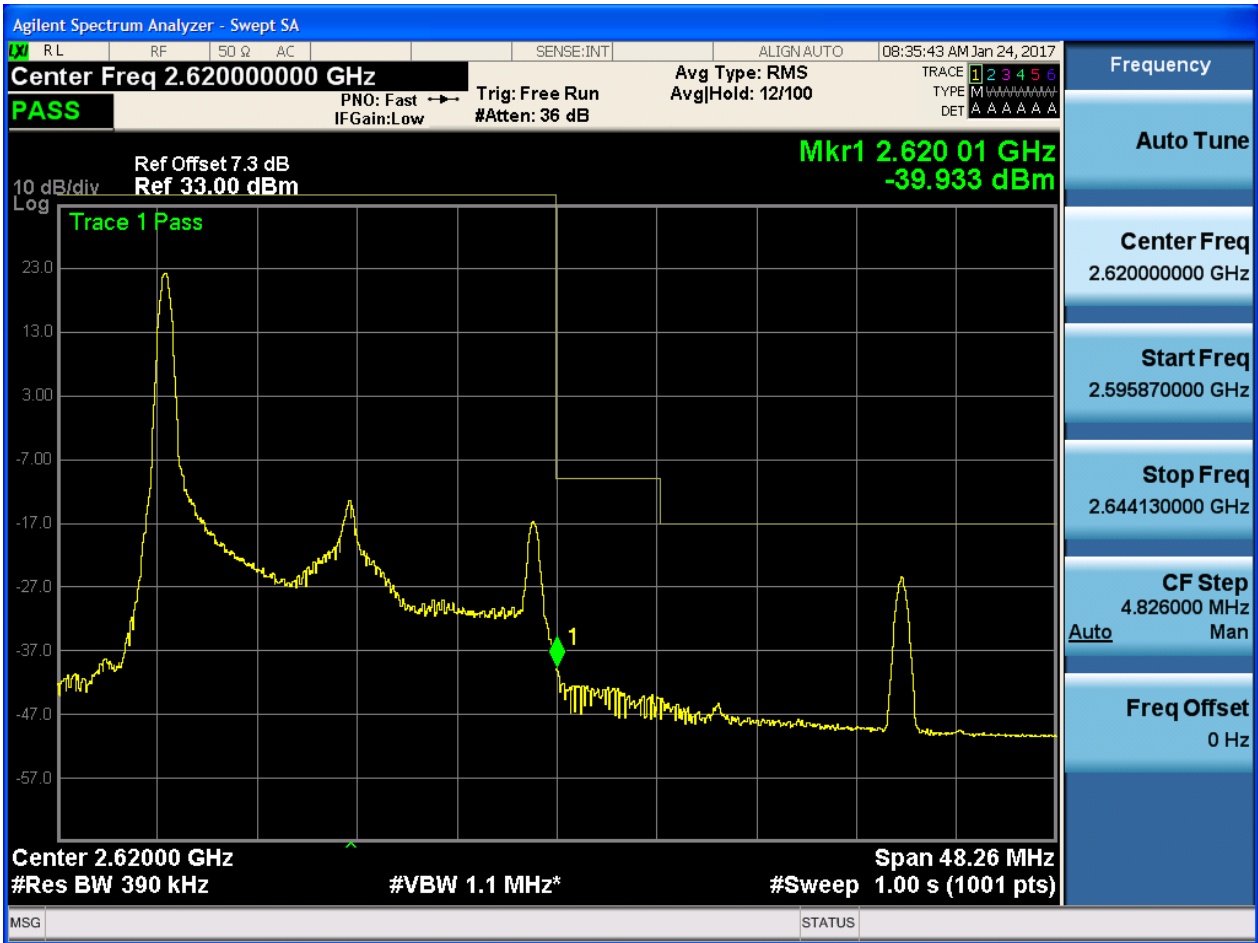
5.1.1.1.4.1.4 Test RB = RB100#0





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





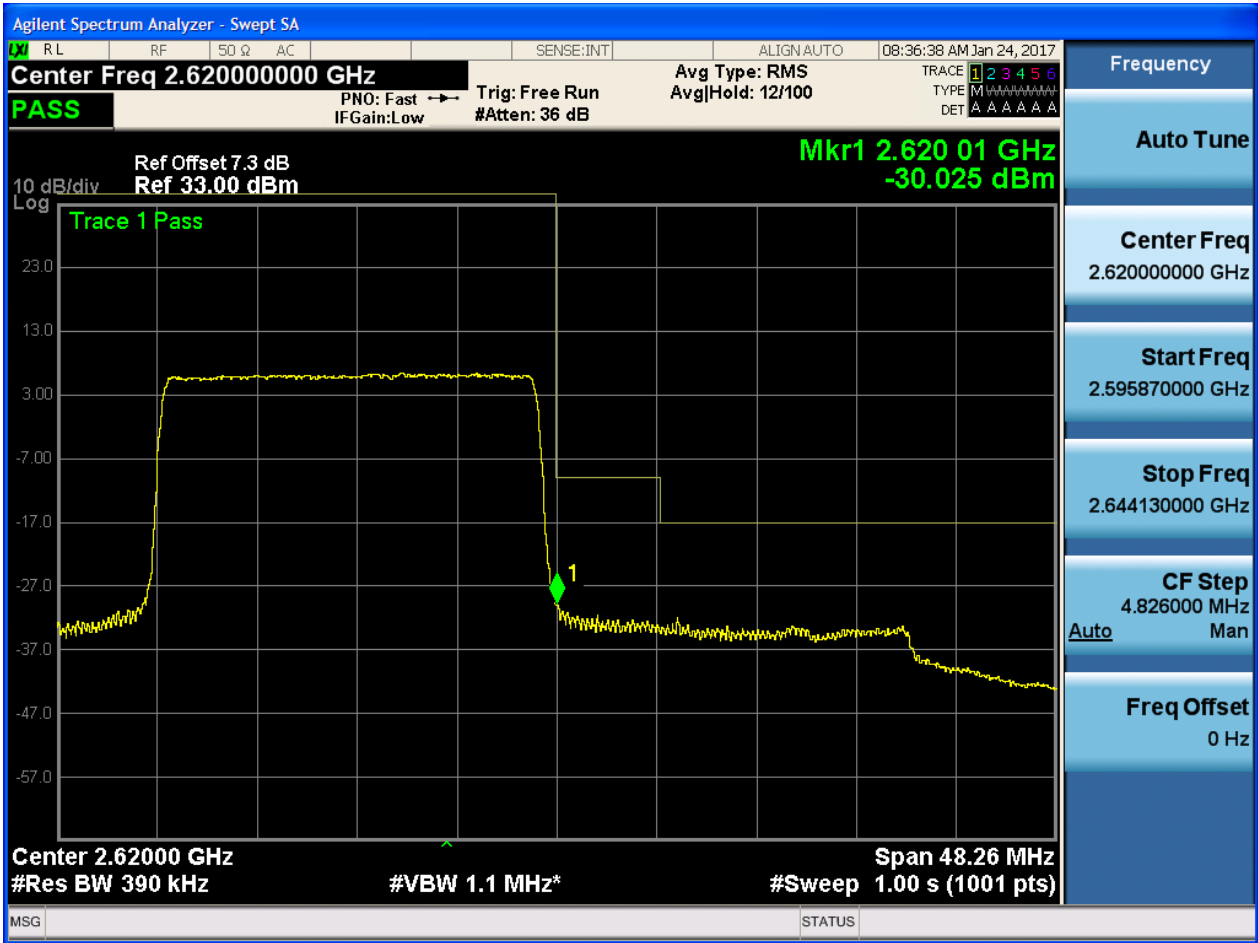


5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



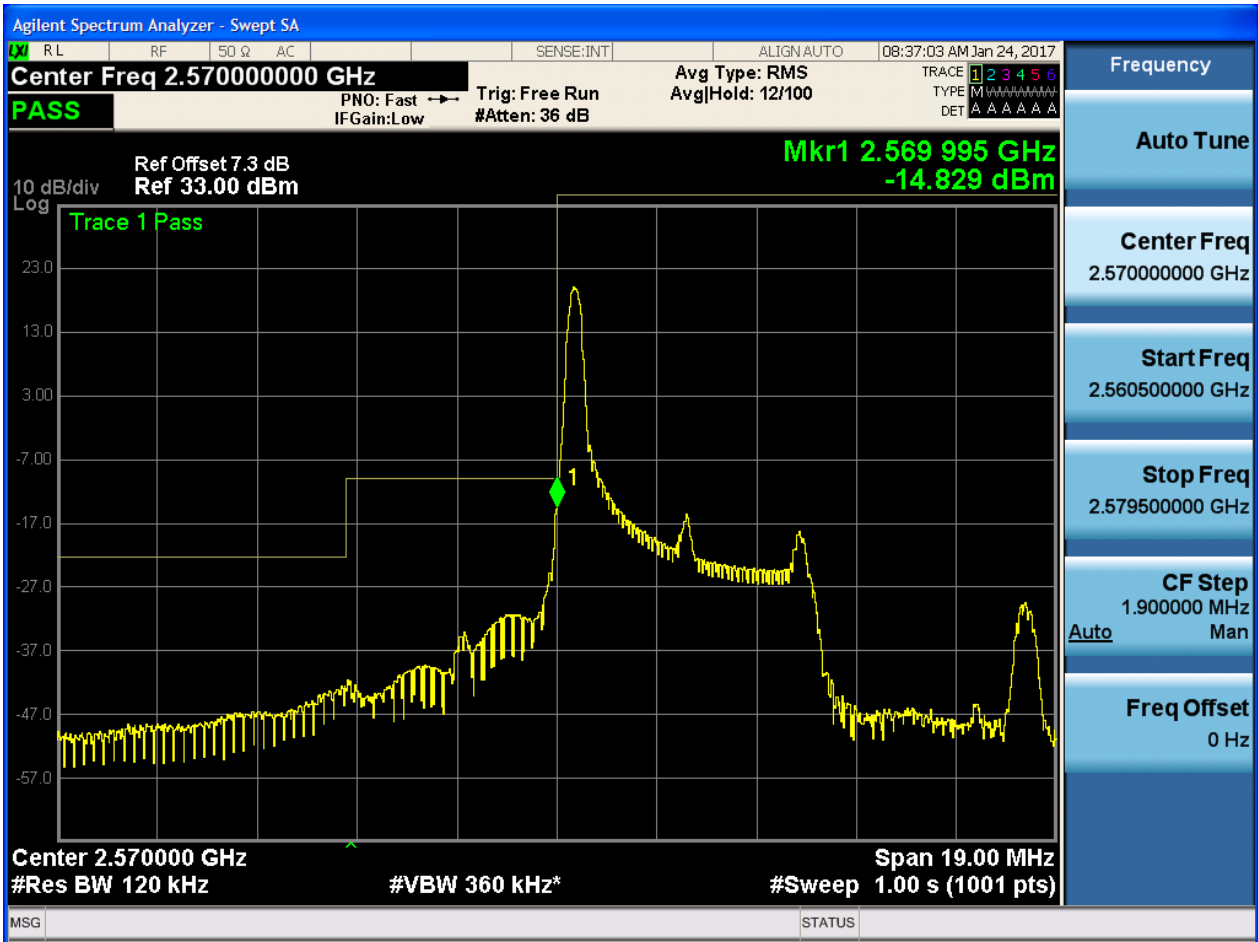


5.1.1.2 Test Mode = LTE/TM2

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



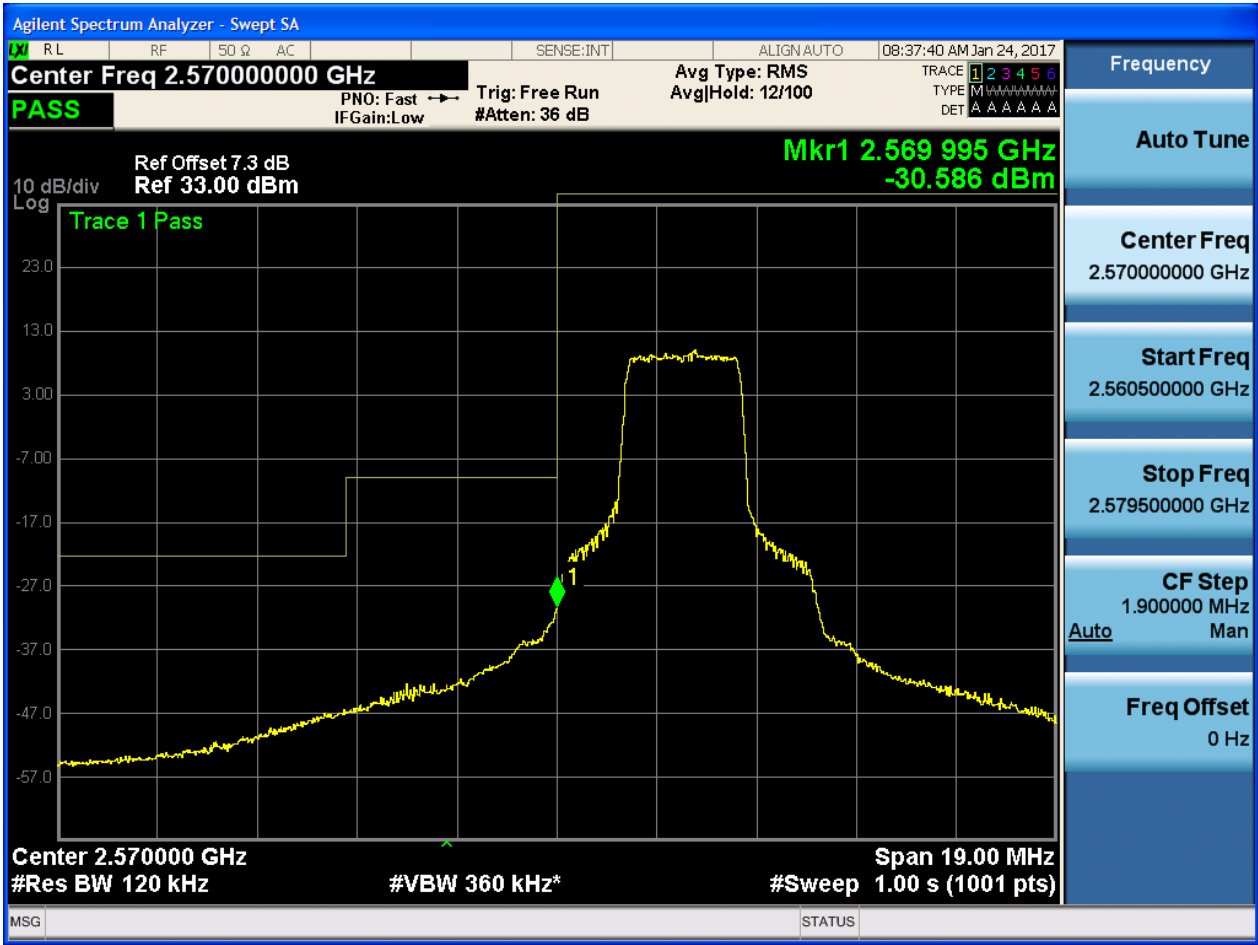


5.1.1.2.1.1.2 Test RB = RB1#24



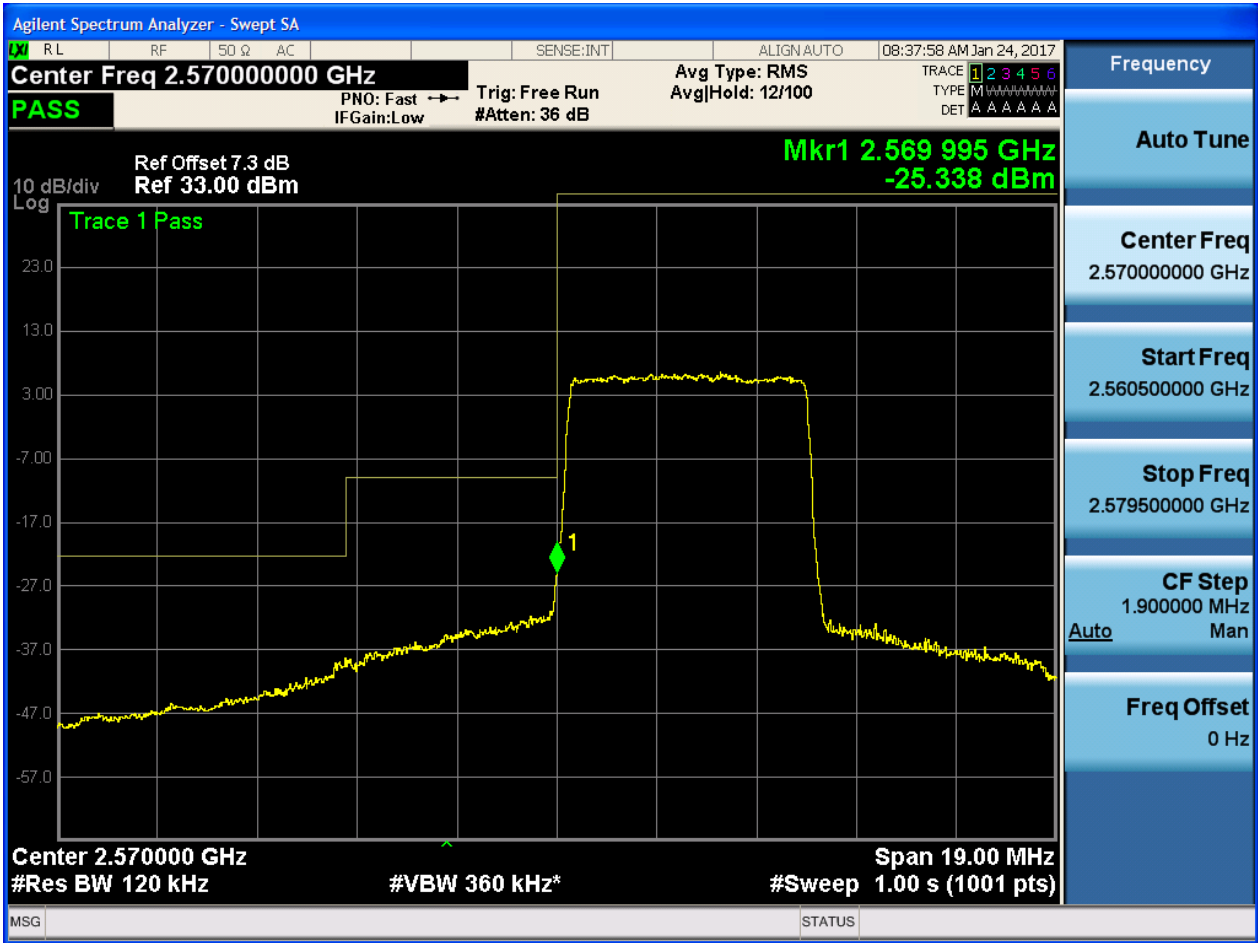


5.1.1.2.1.1.3 Test RB = RB12#6





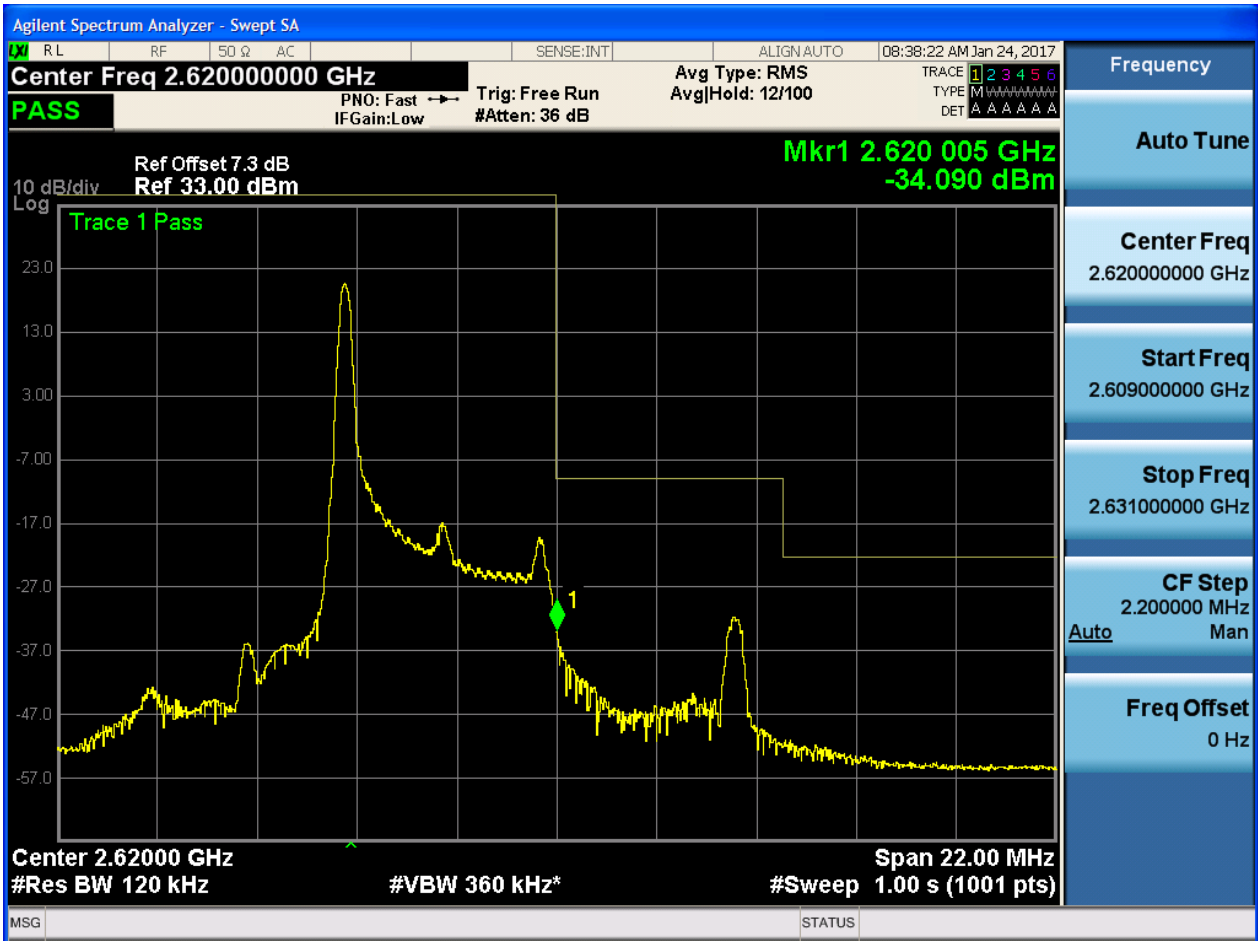
5.1.1.2.1.1.4 Test RB = RB25#0





5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





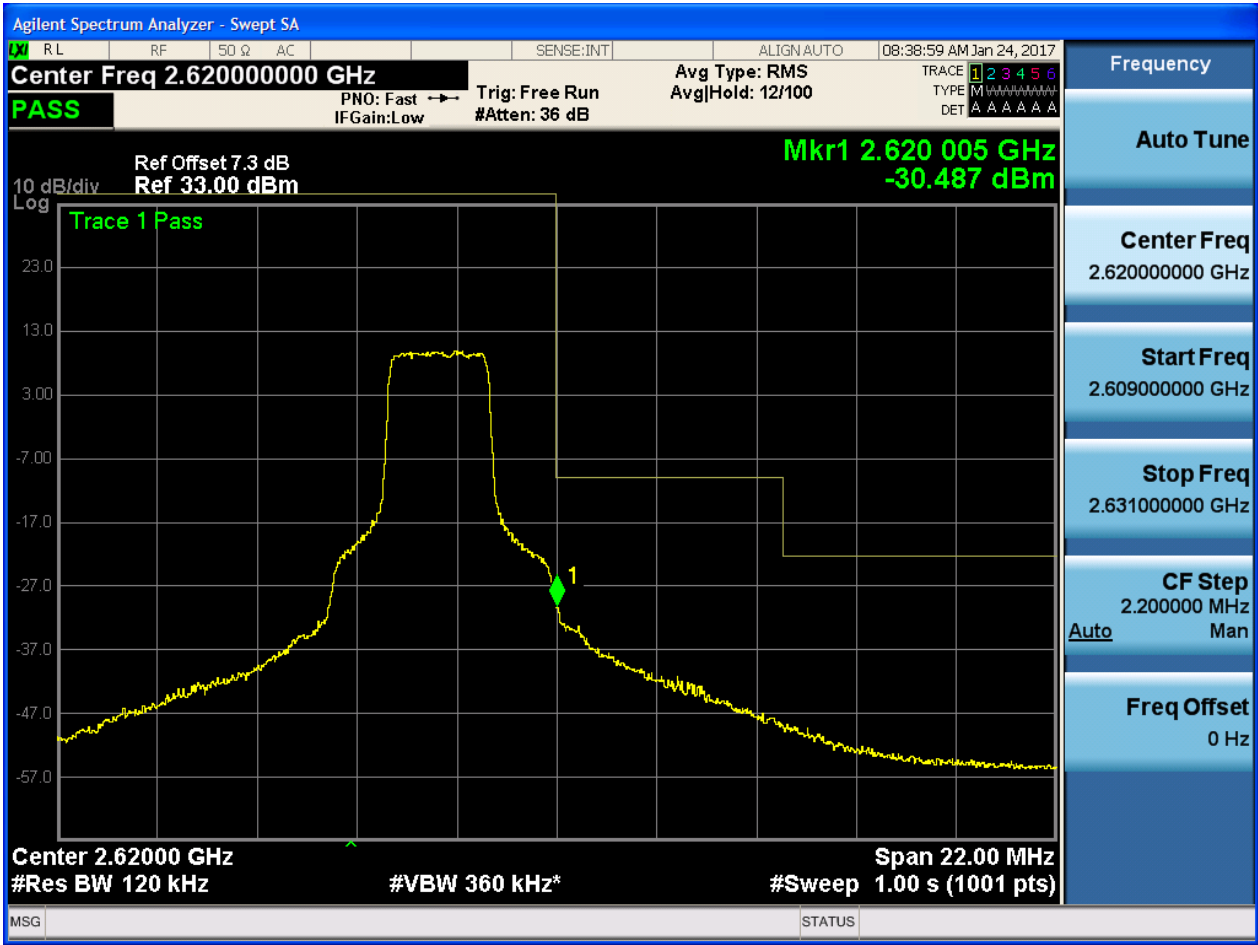
5.1.1.2.1.2.2 Test RB = RB1#24







5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

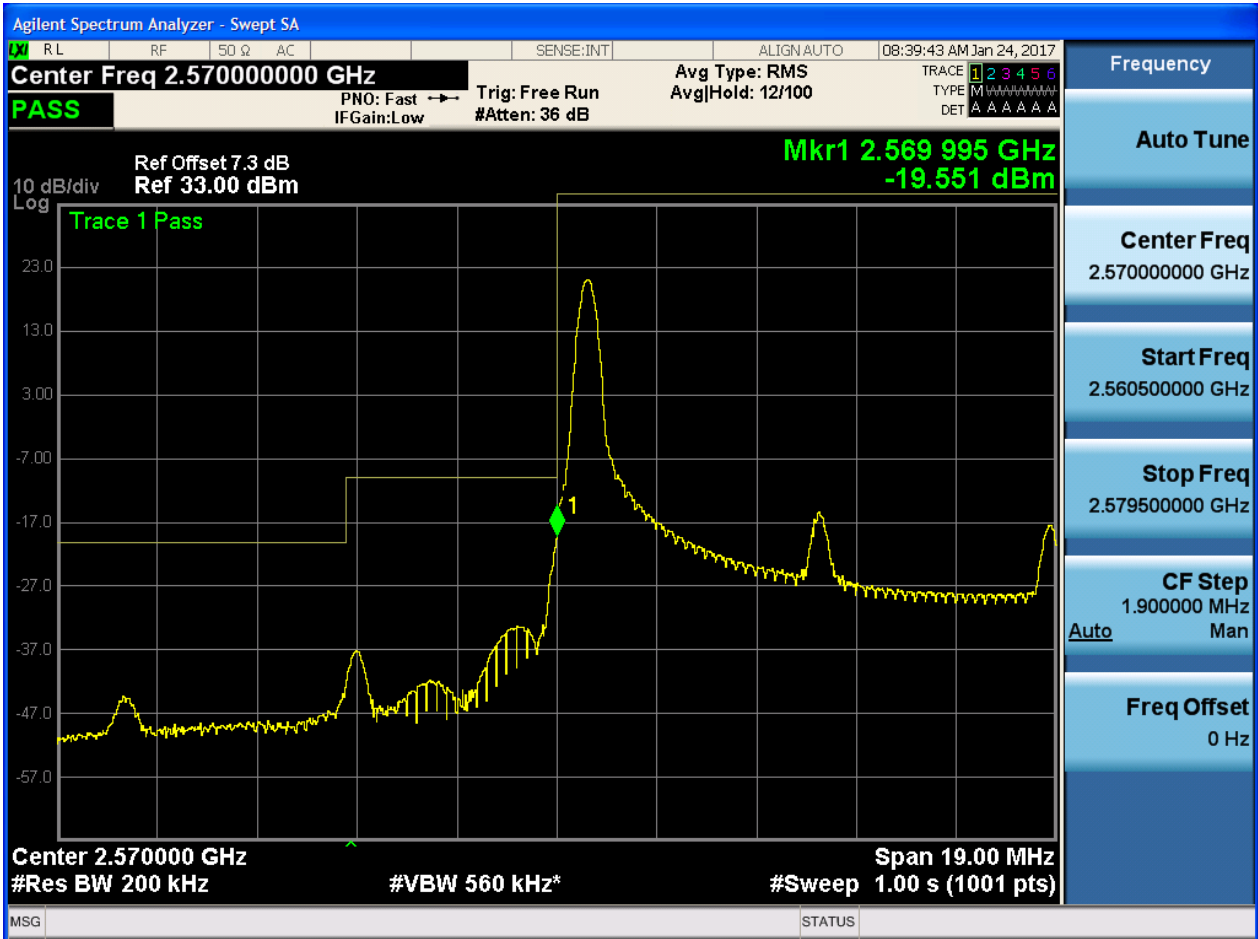




5.1.1.2.2 Test Bandwidth = 10

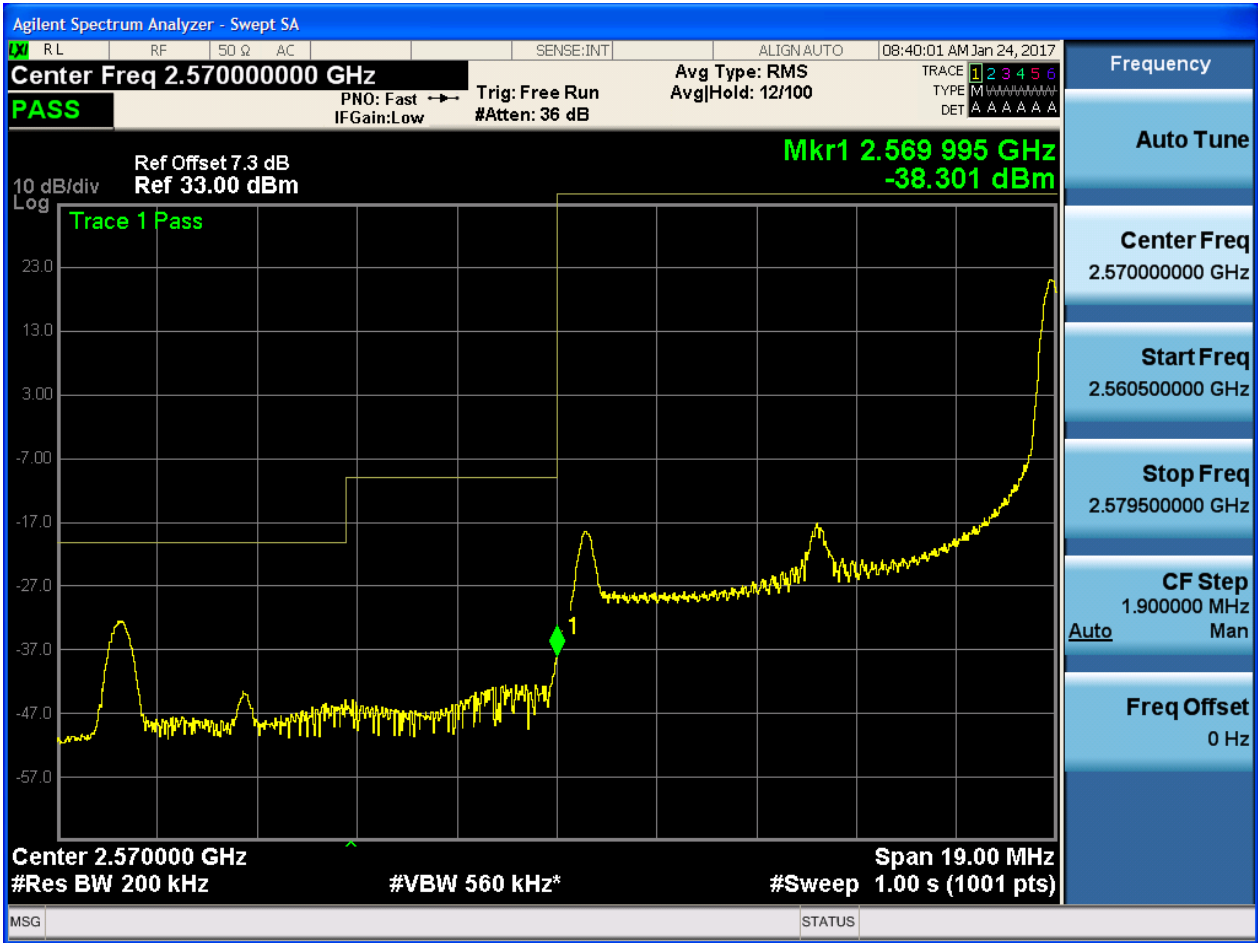
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#49



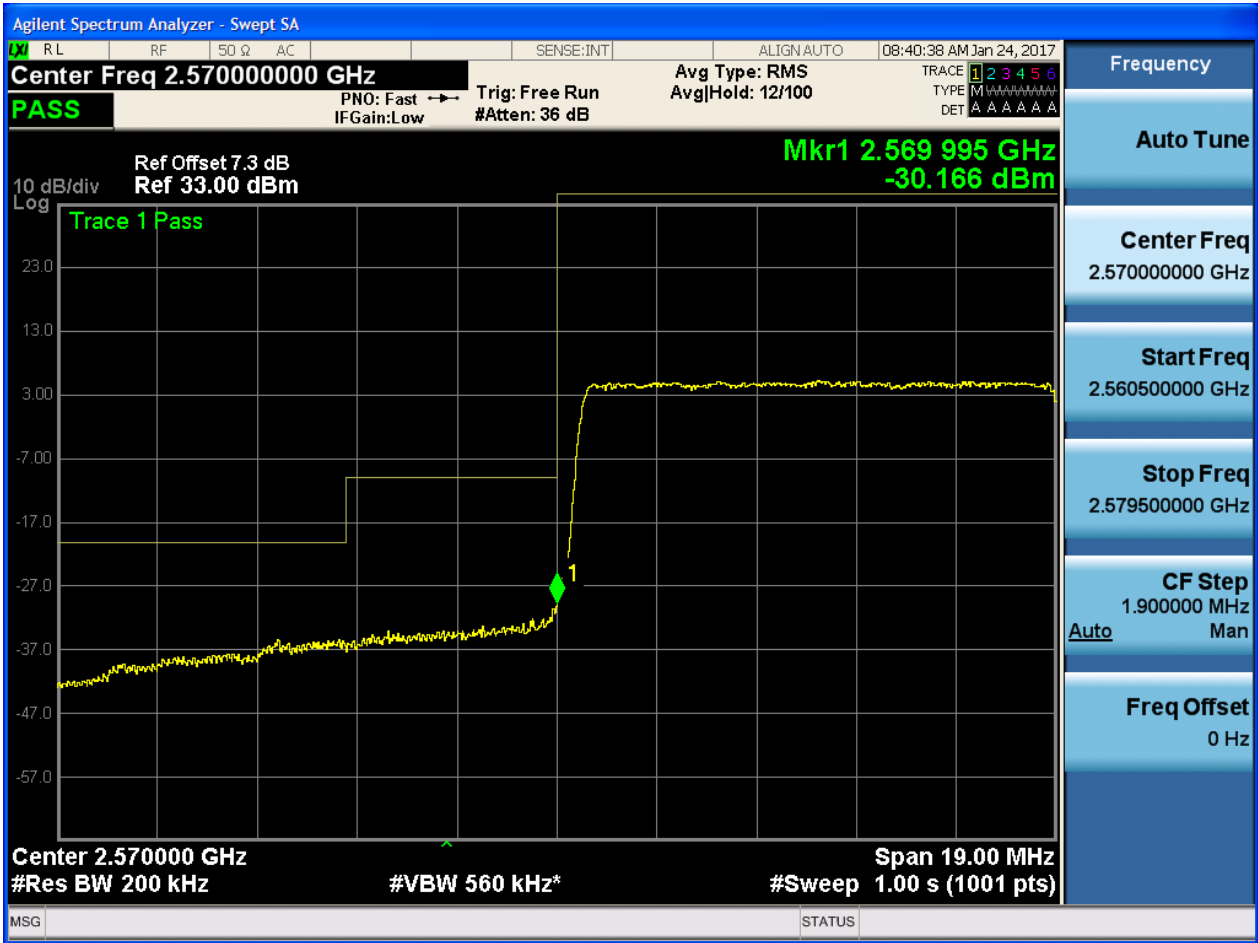


5.1.1.2.2.1.3 Test RB = RB25#13





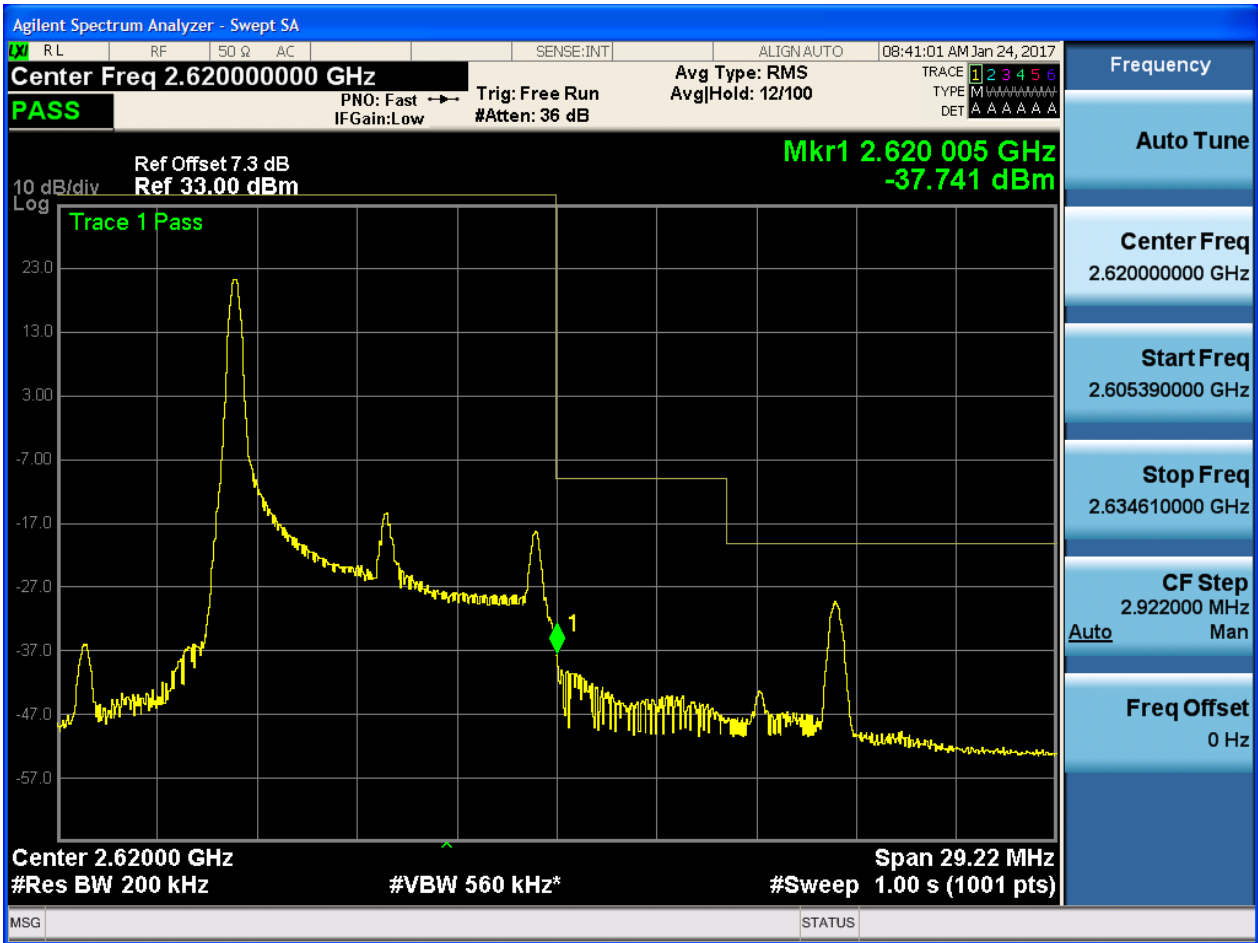
5.1.1.2.2.1.4 Test RB = RB50#0





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

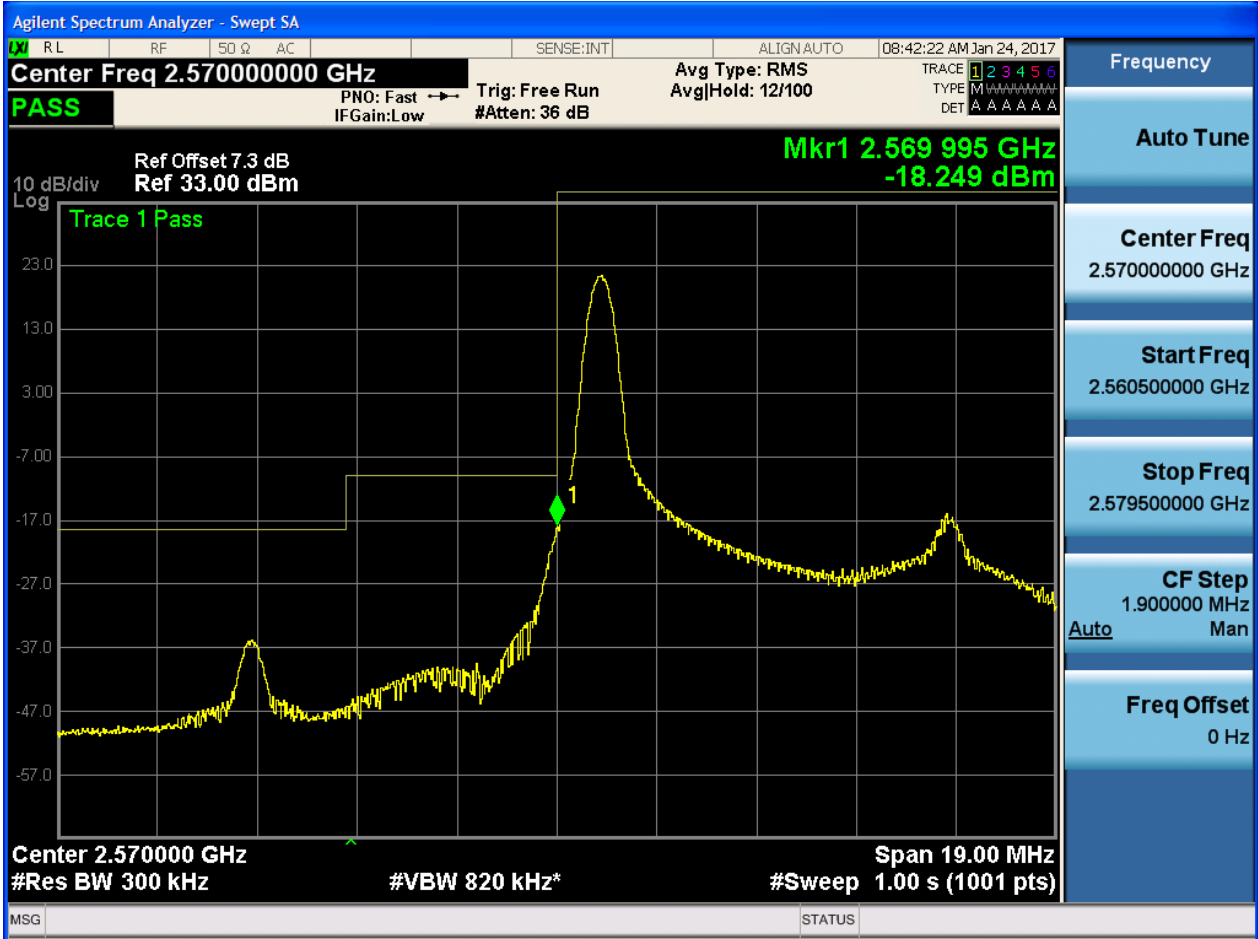




5.1.1.2.3 Test Bandwidth = 15

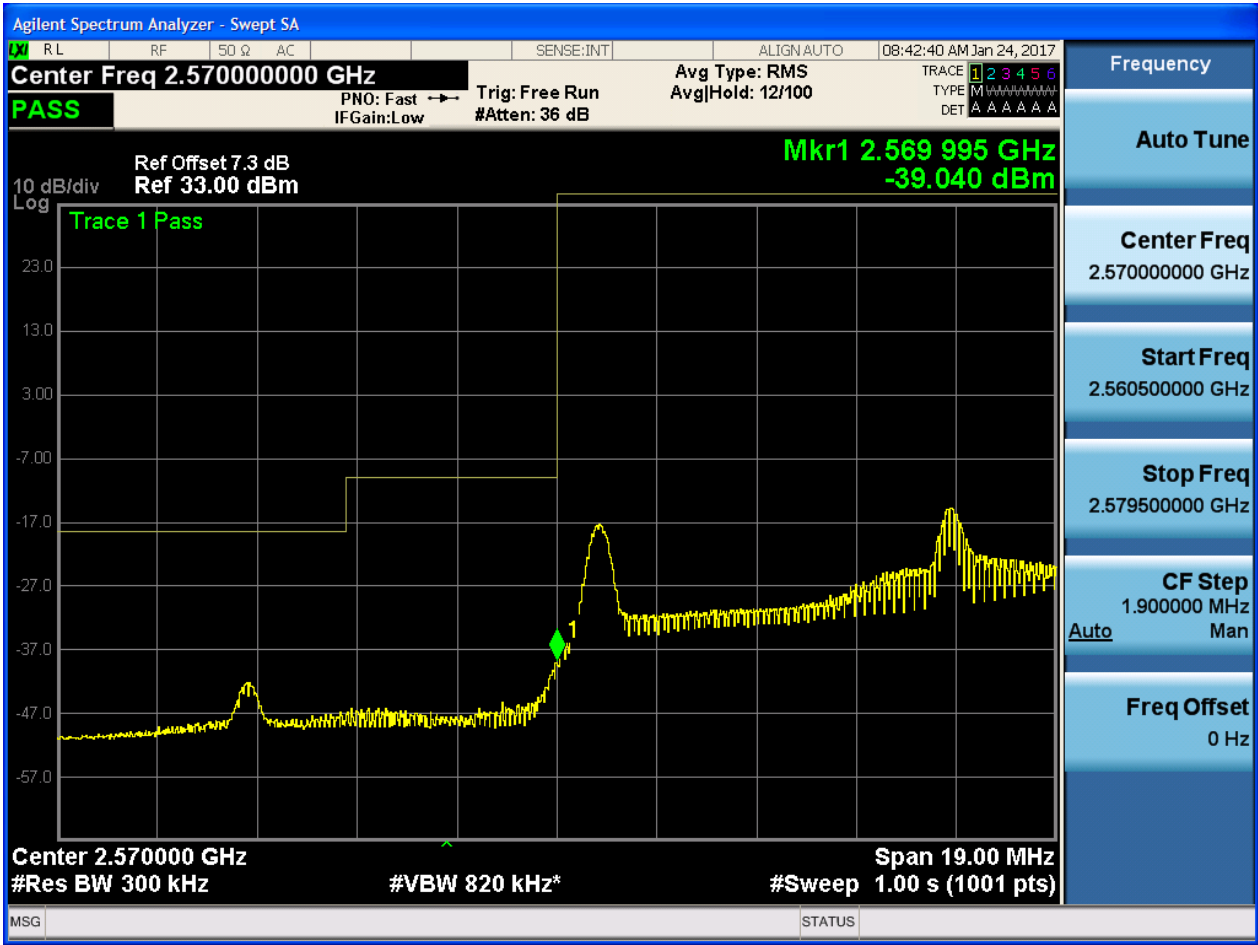
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#74



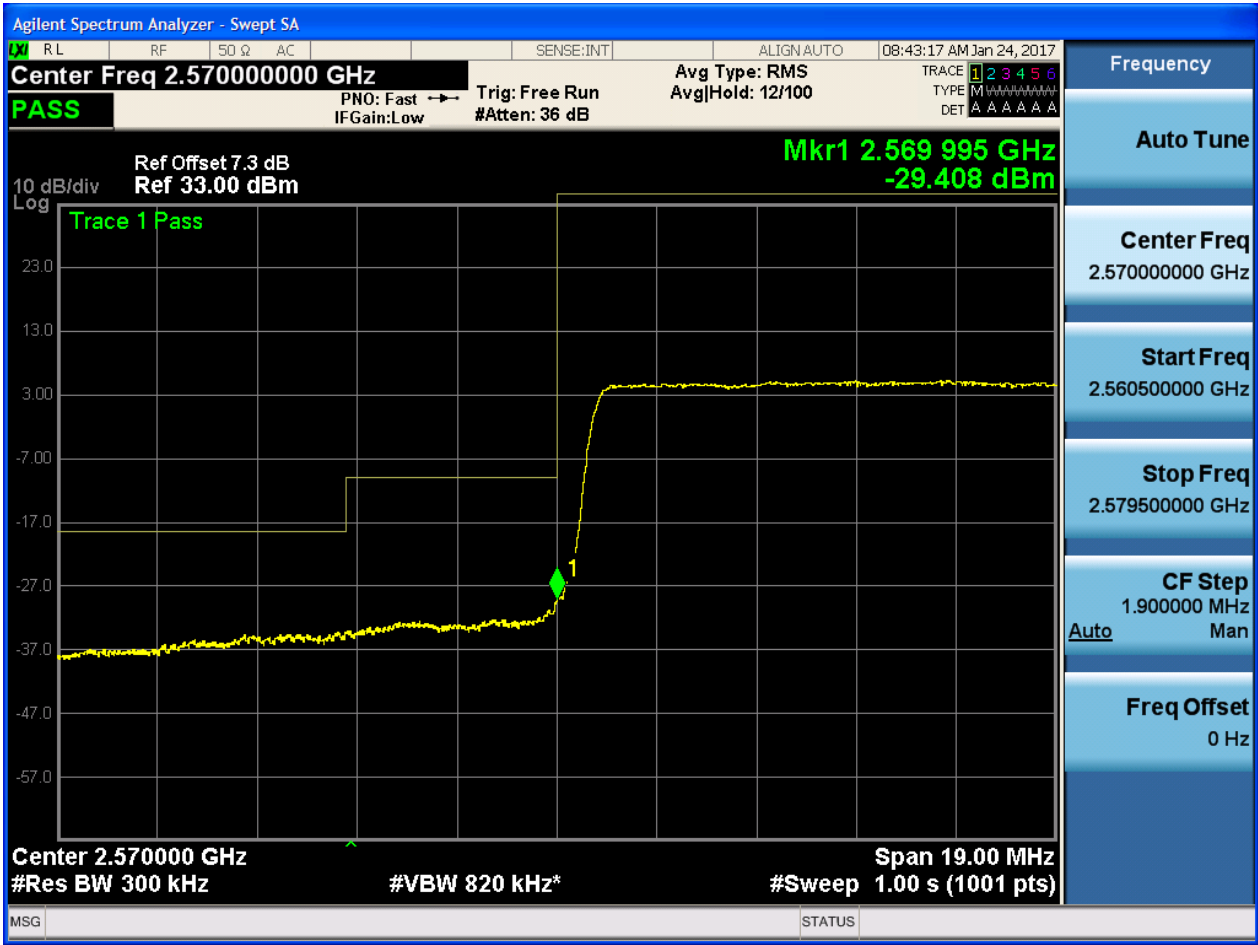


5.1.1.2.3.1.3 Test RB = RB36#18





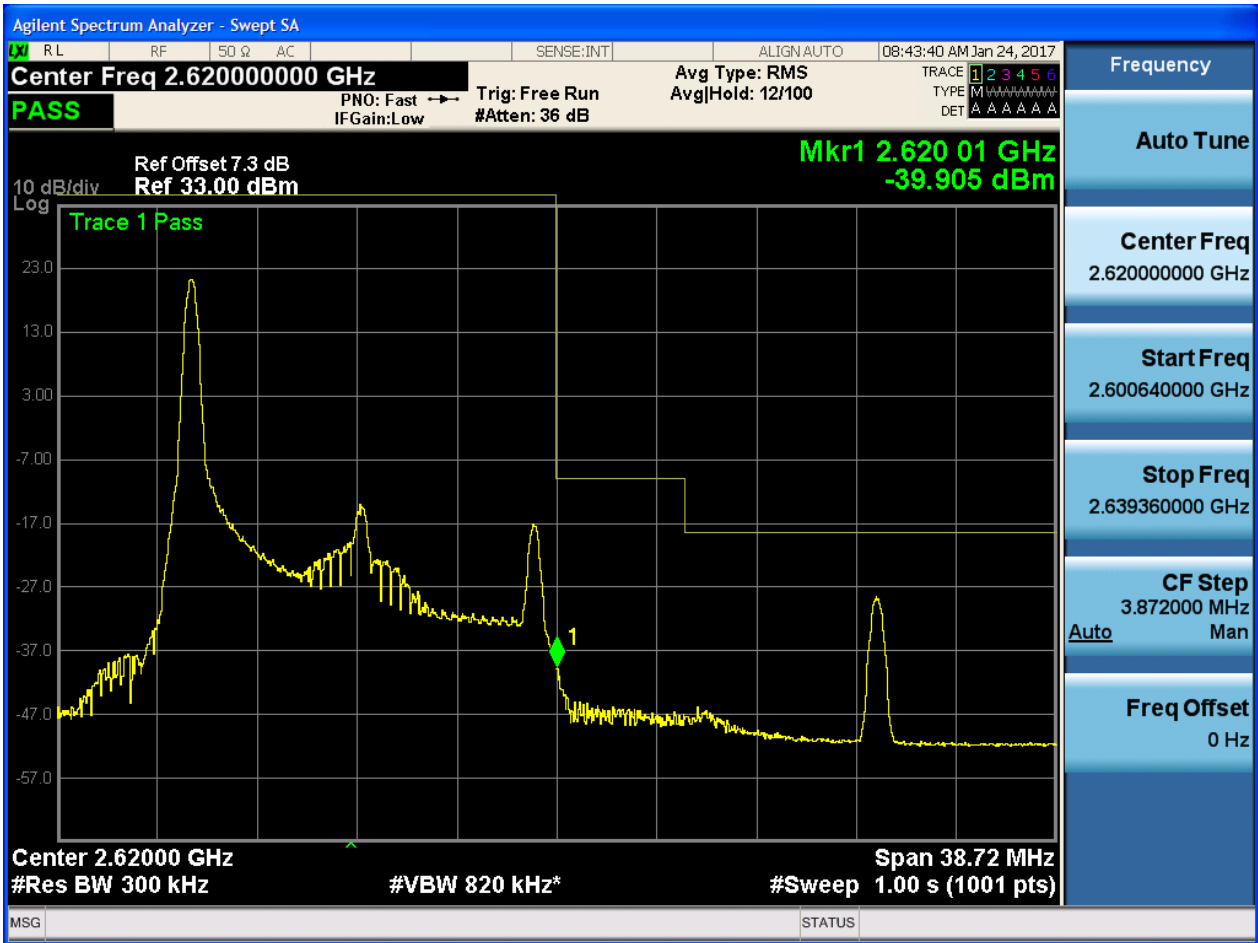
5.1.1.2.3.1.4 Test RB = RB75#0





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

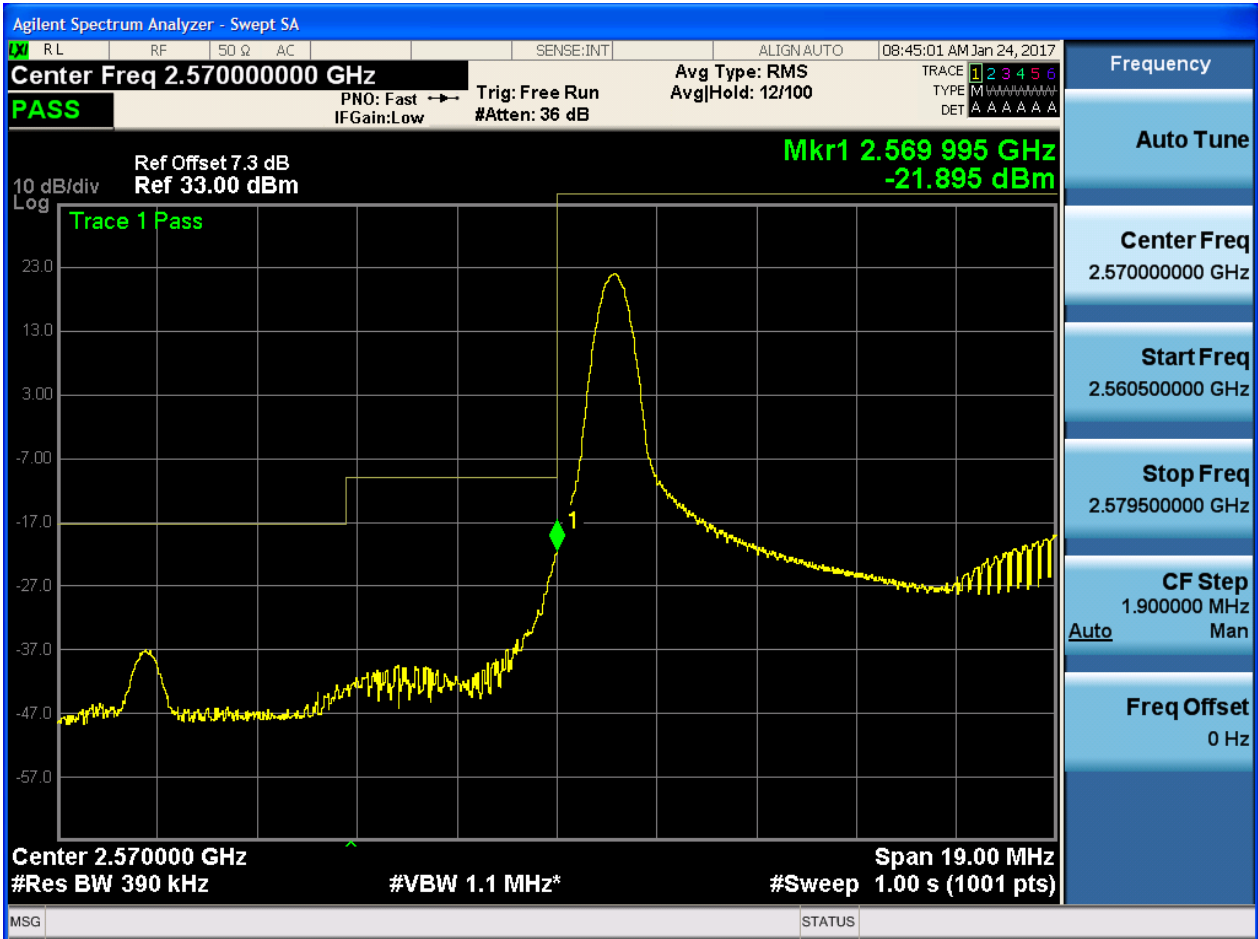




5.1.1.2.4 Test Bandwidth = 20

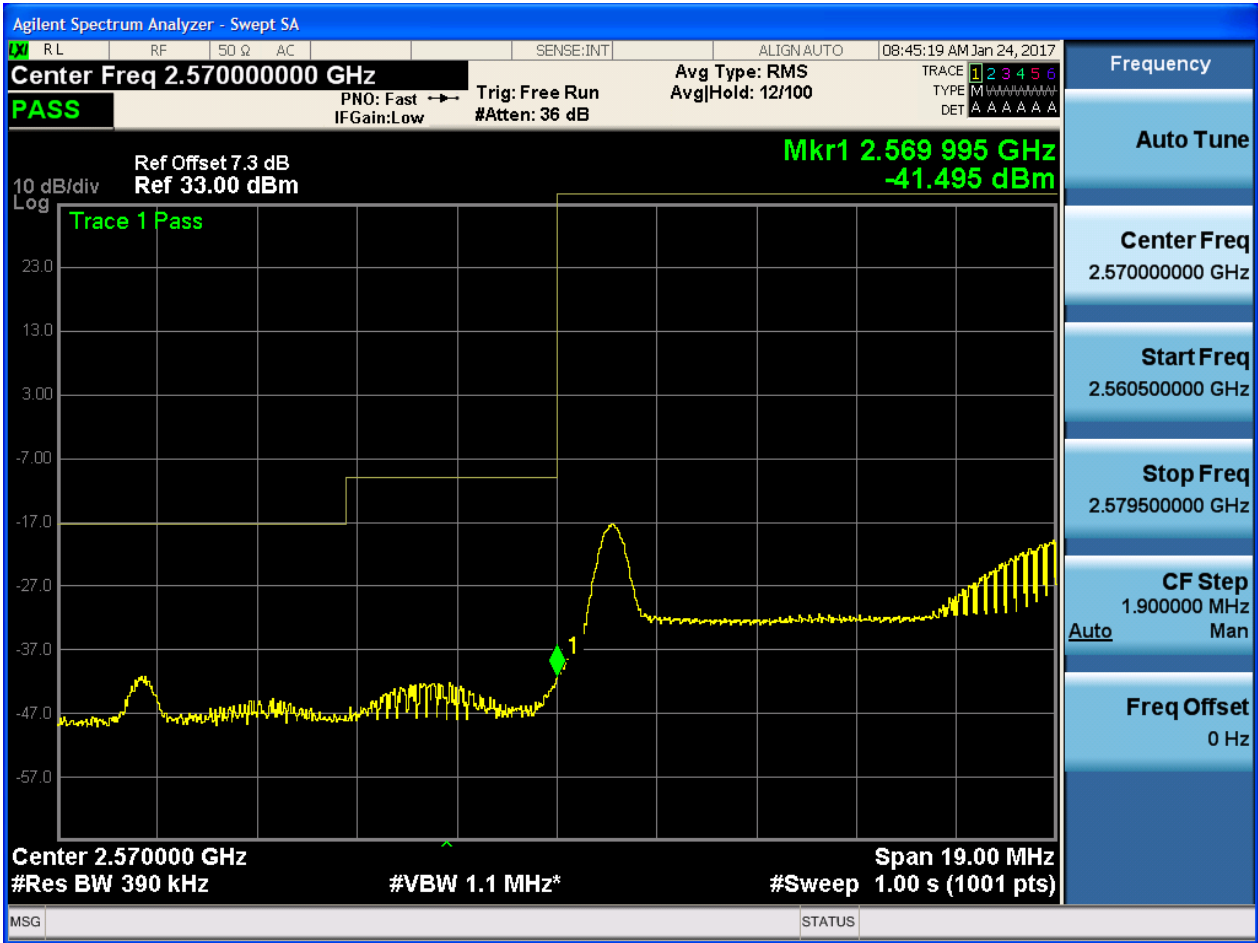
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



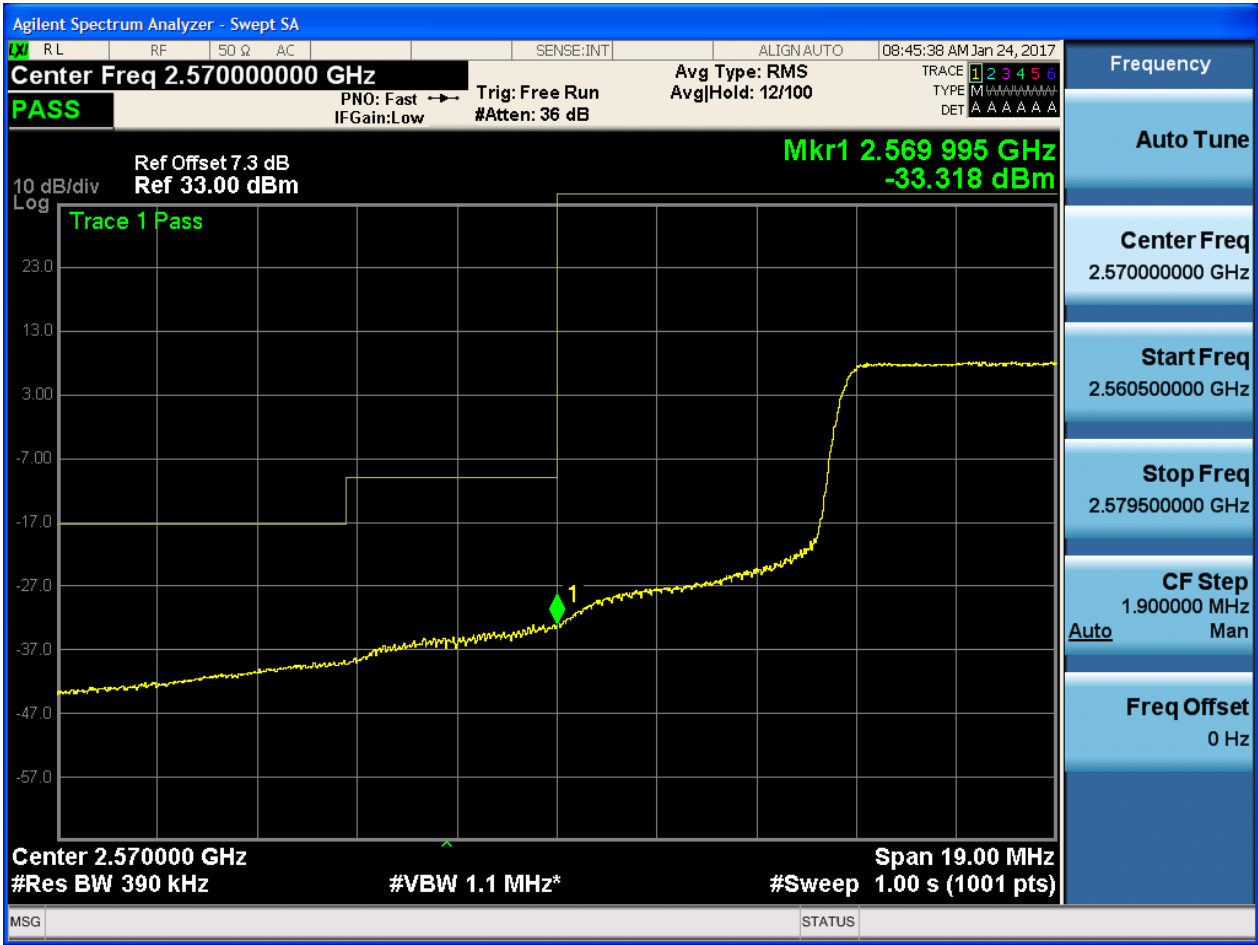


5.1.1.2.4.1.2 Test RB = RB1#99



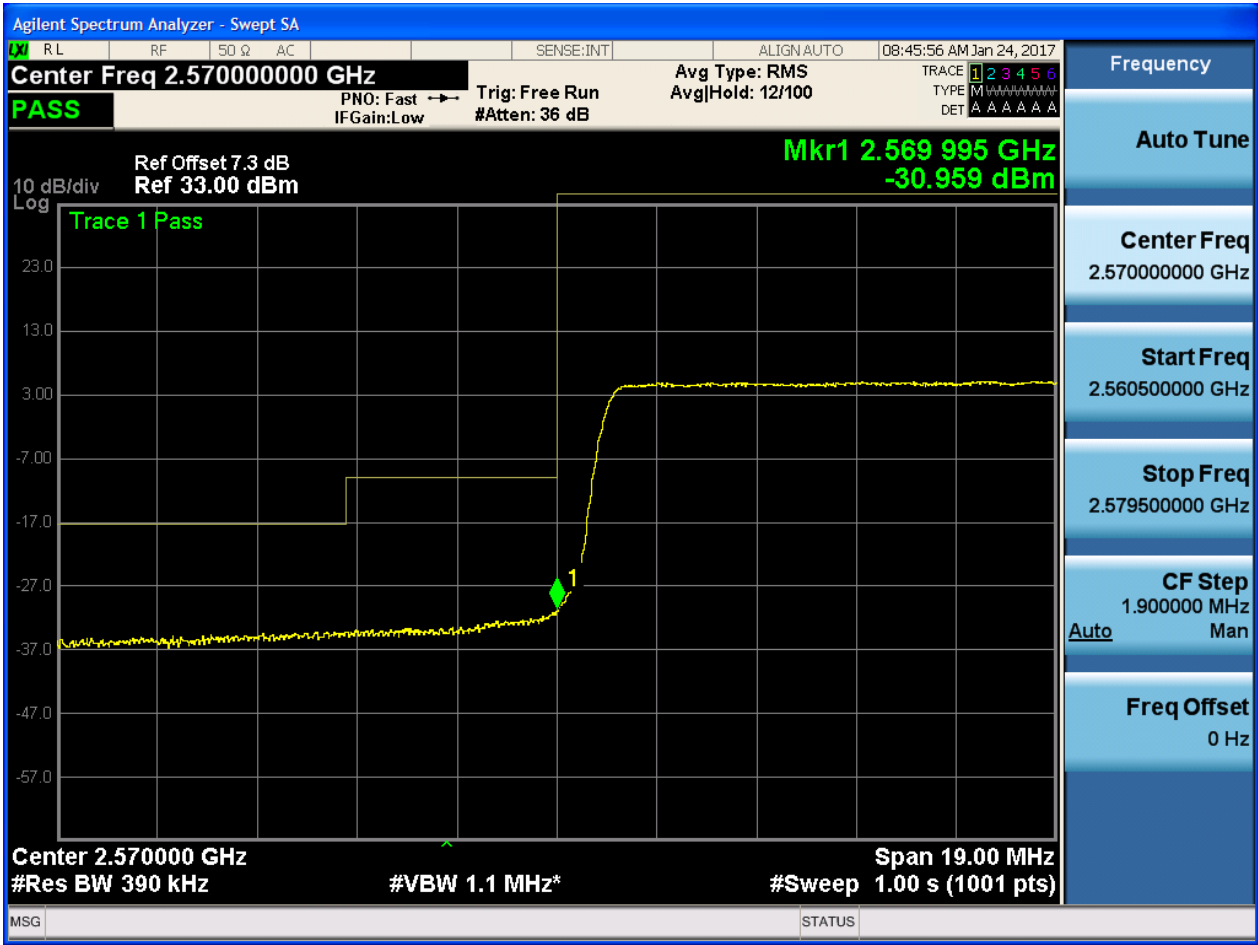


5.1.1.2.4.1.3 Test RB = RB50#25





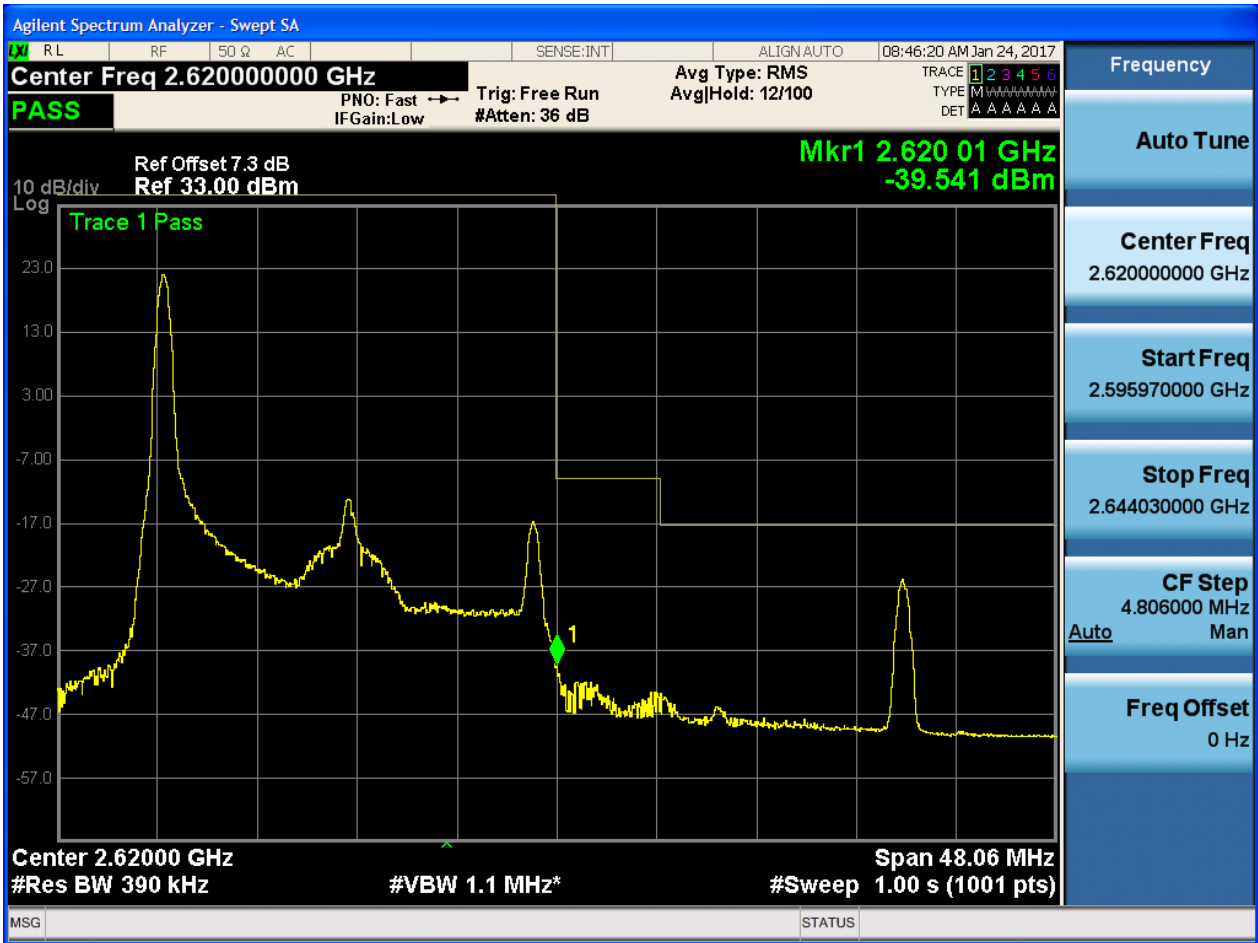
5.1.1.2.4.1.4 Test RB = RB100#0





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

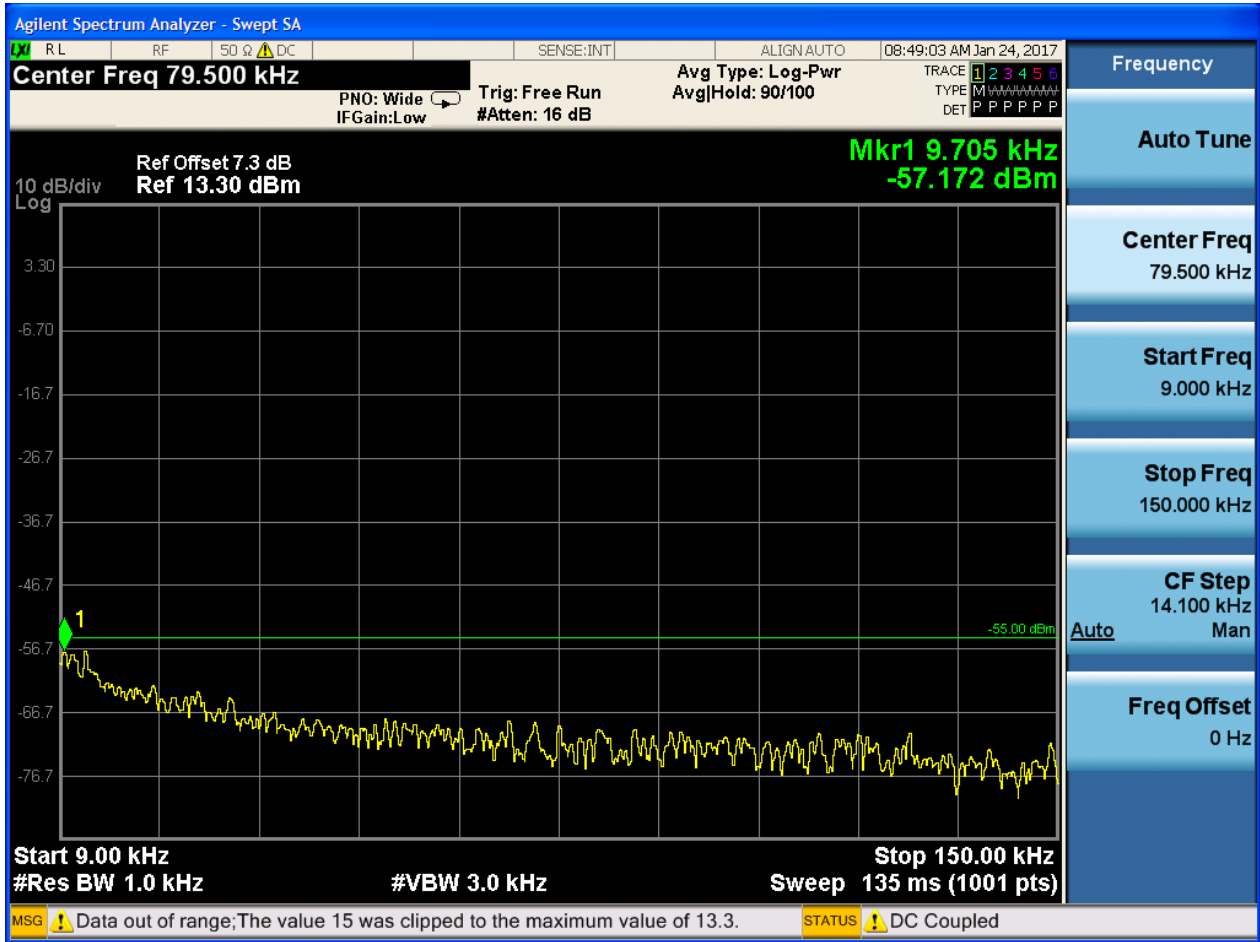
##### 6.1.1 Test Band = BAND38

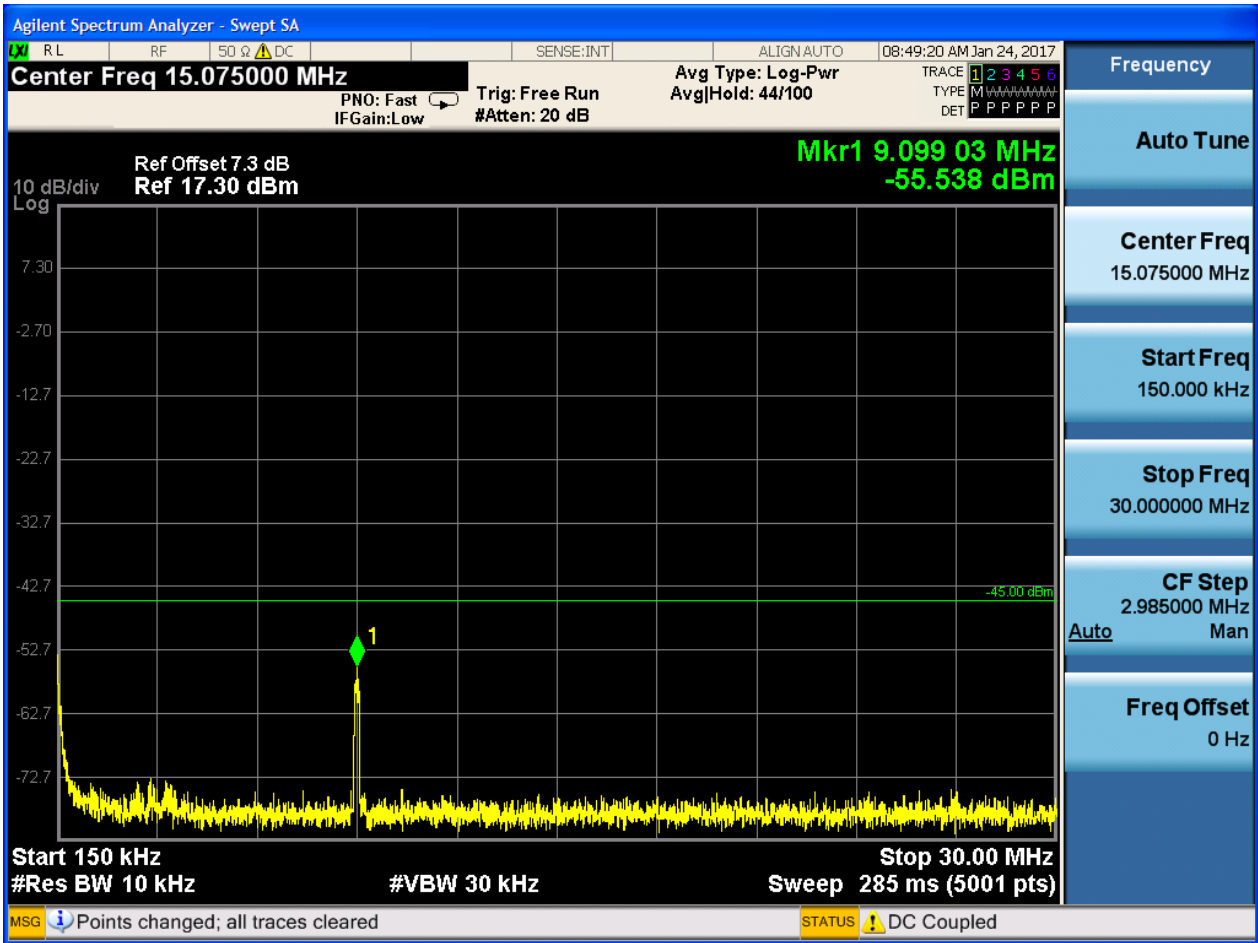
##### 6.1.1.1 Test Mode = LTE/TM1

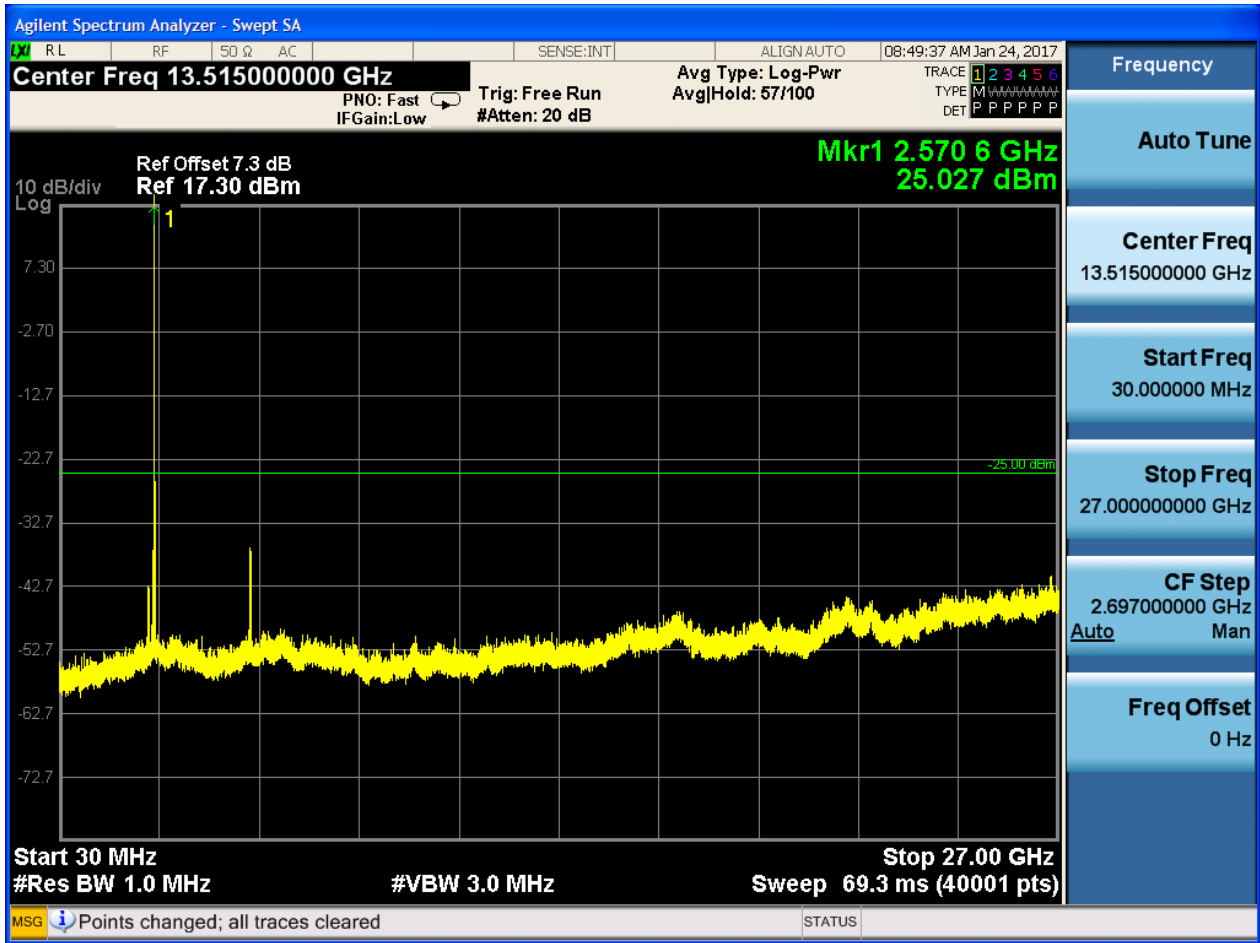
##### 6.1.1.1.1 Test Bandwidth = 5

##### 6.1.1.1.1.1 Test Channel = LCH

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



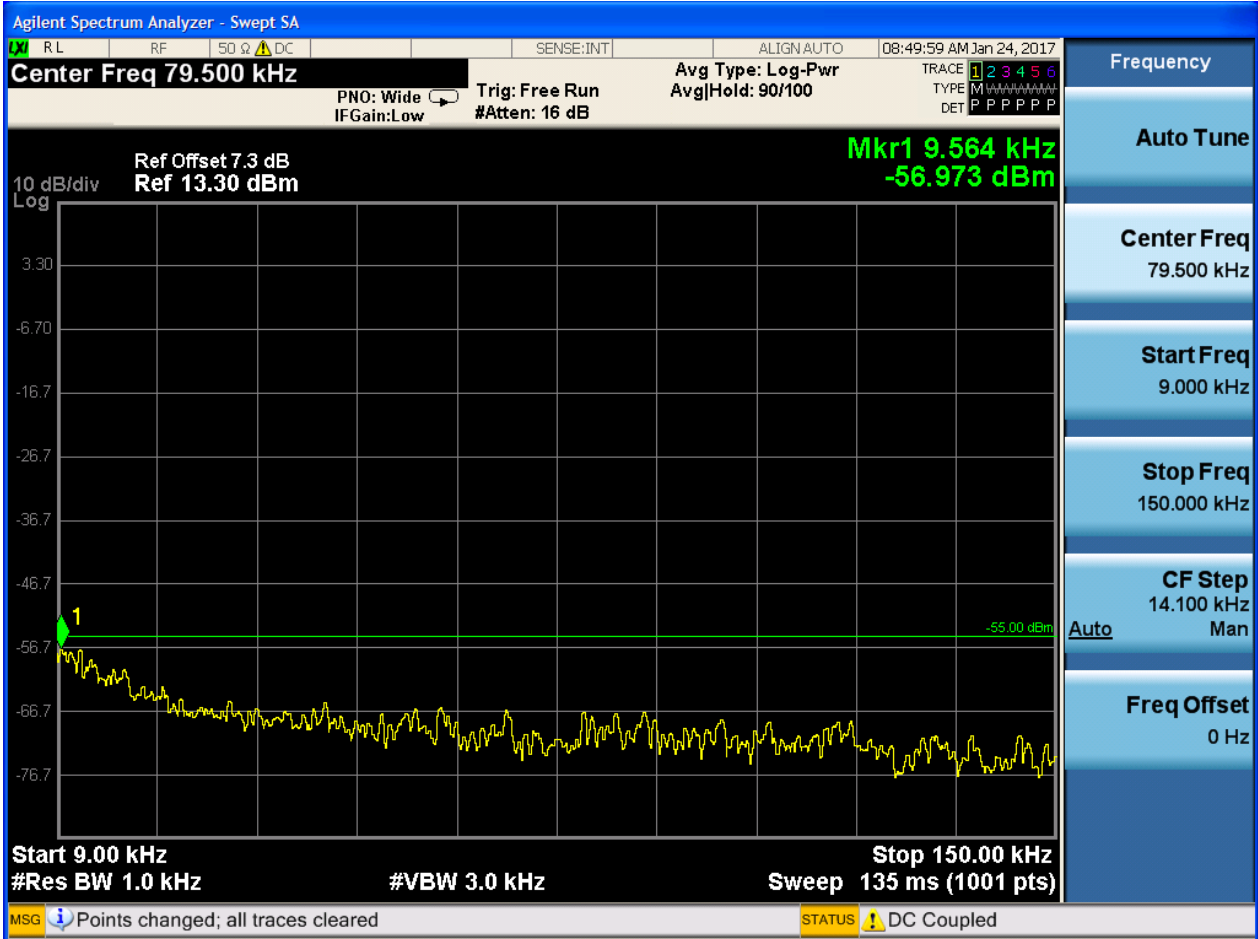


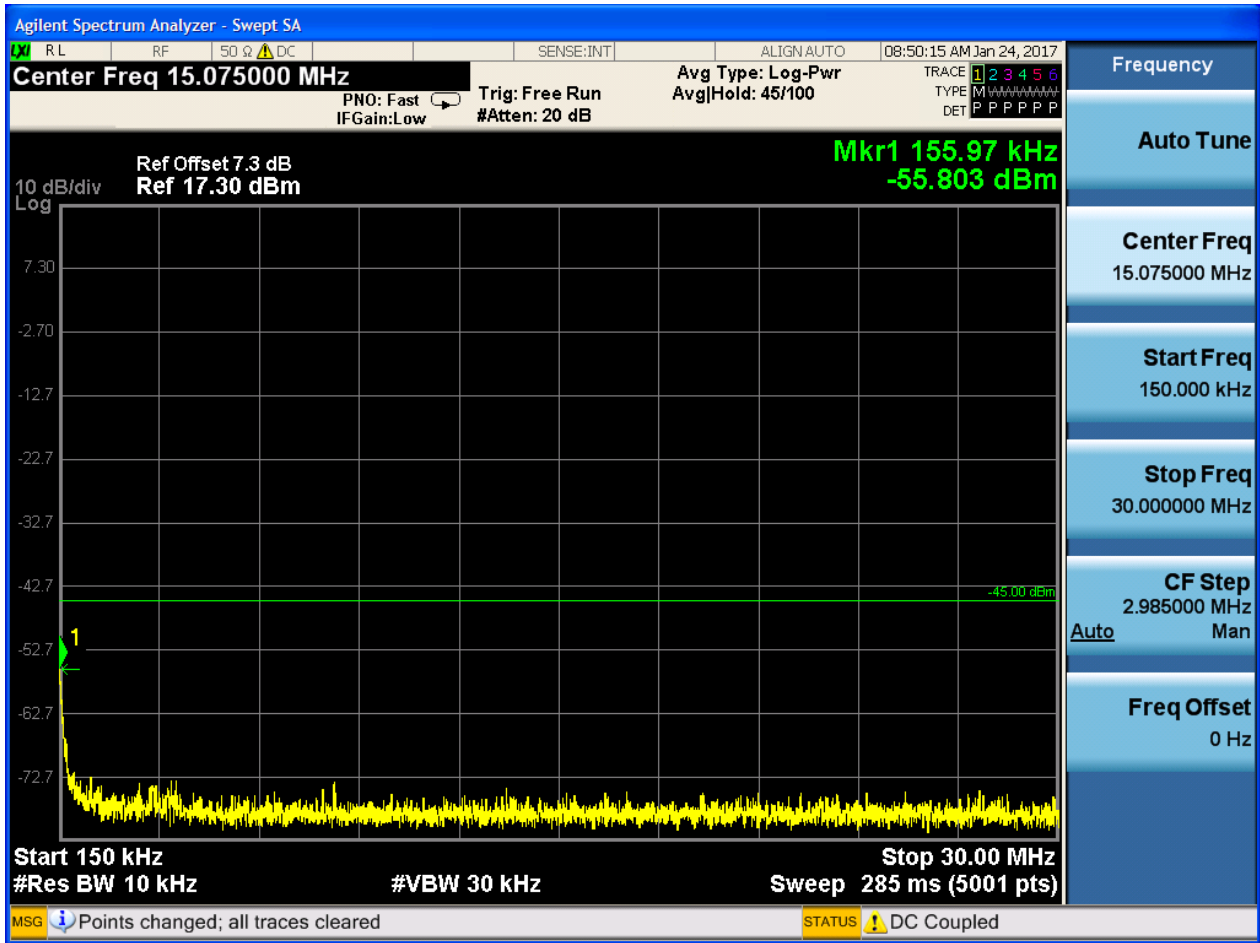




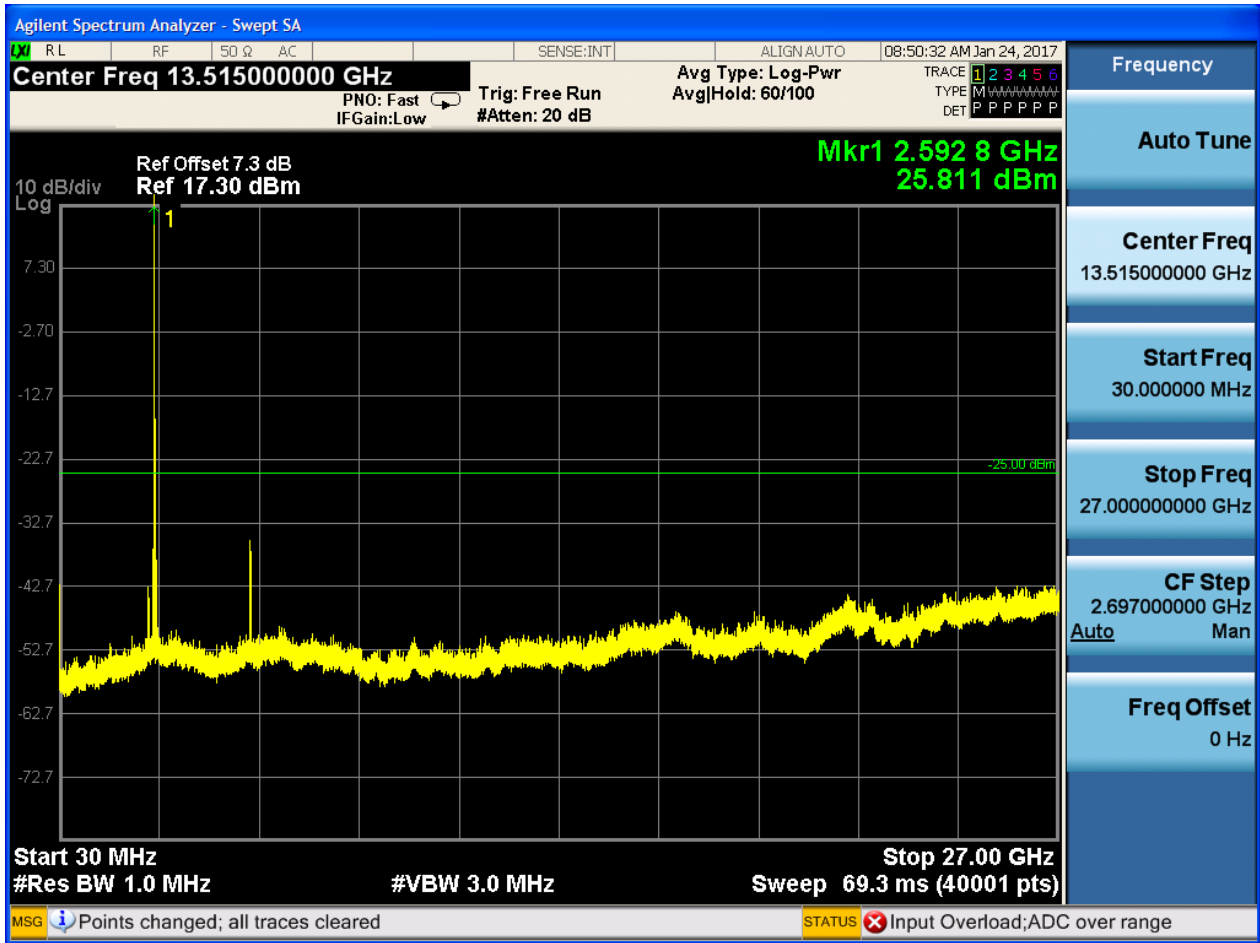
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0





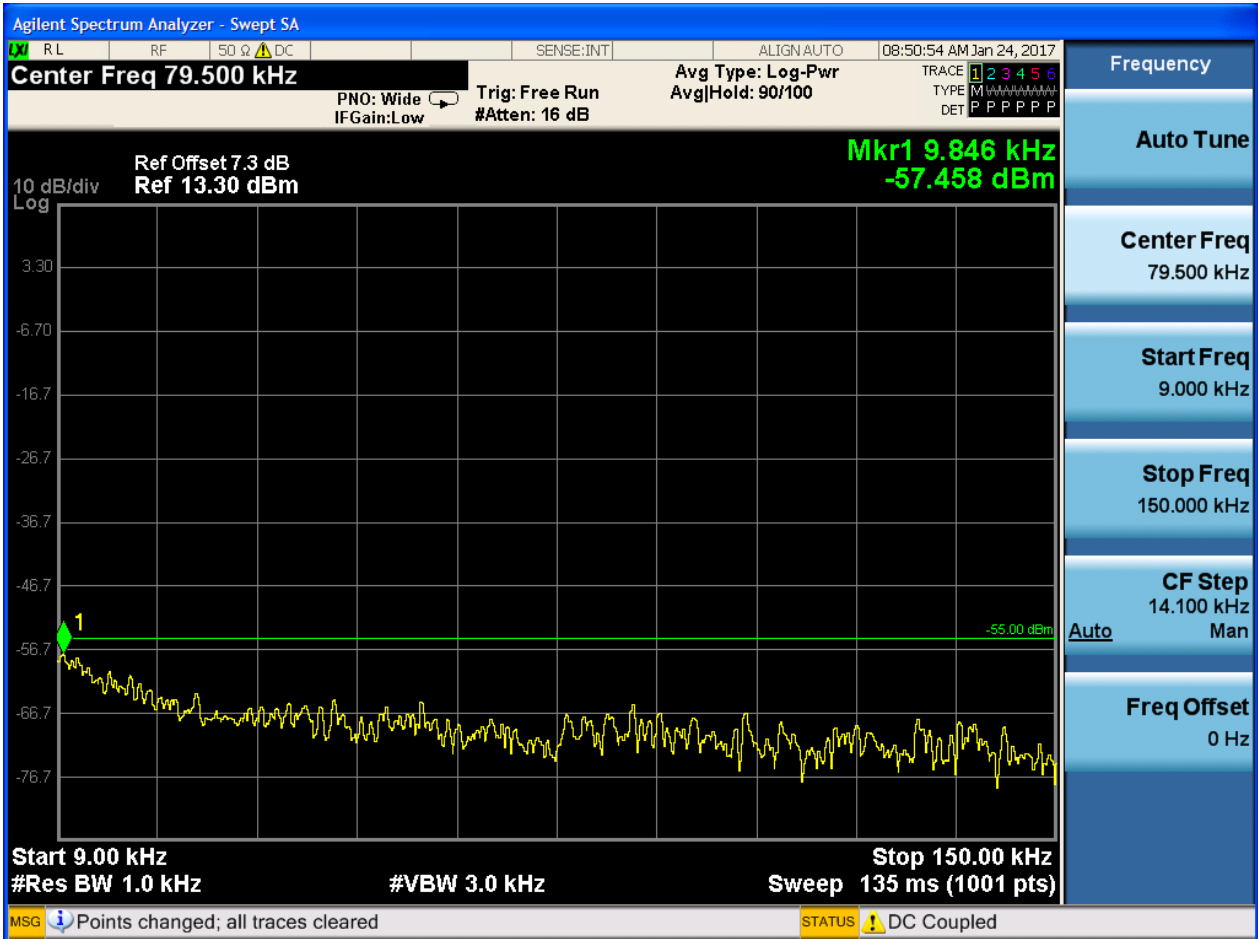


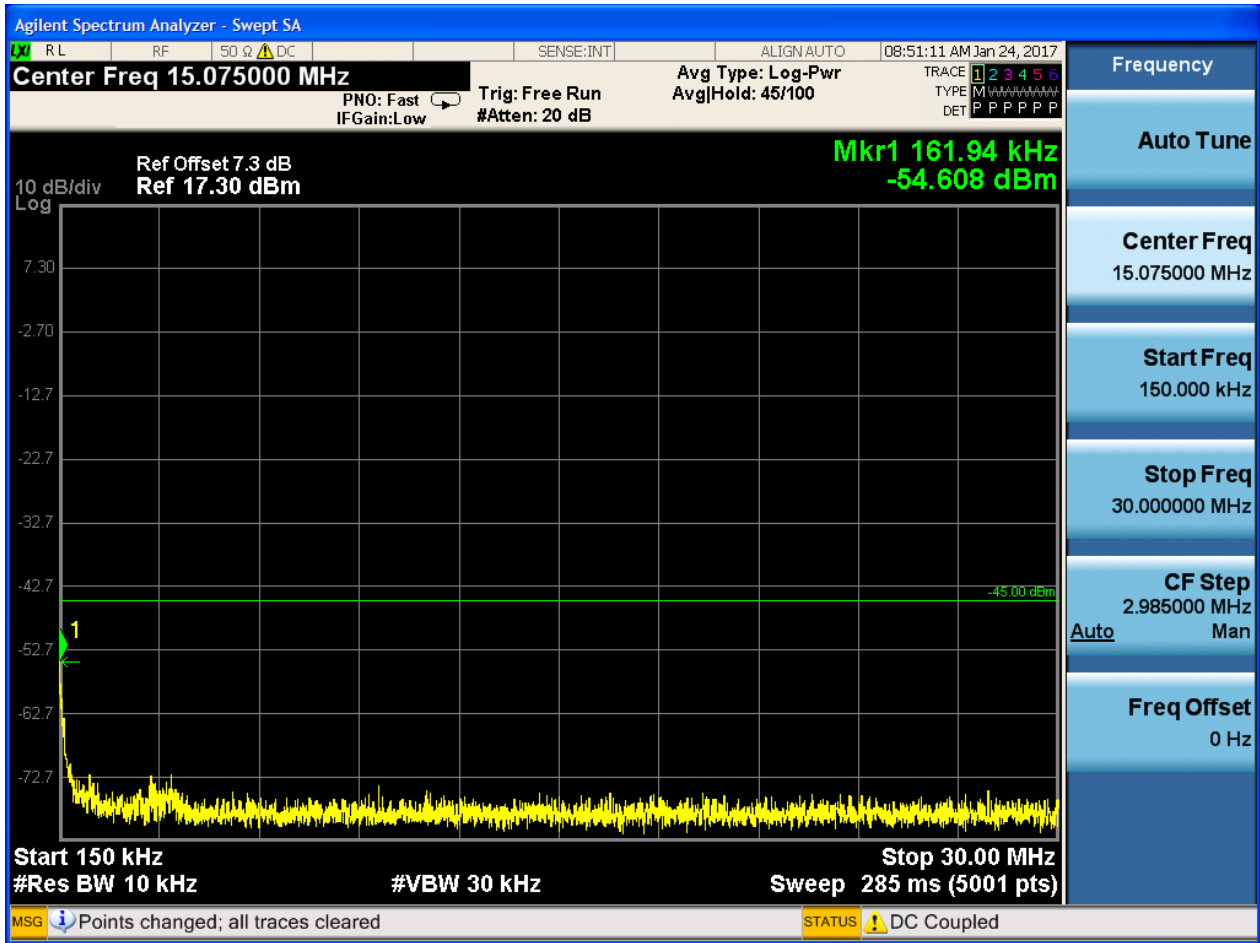


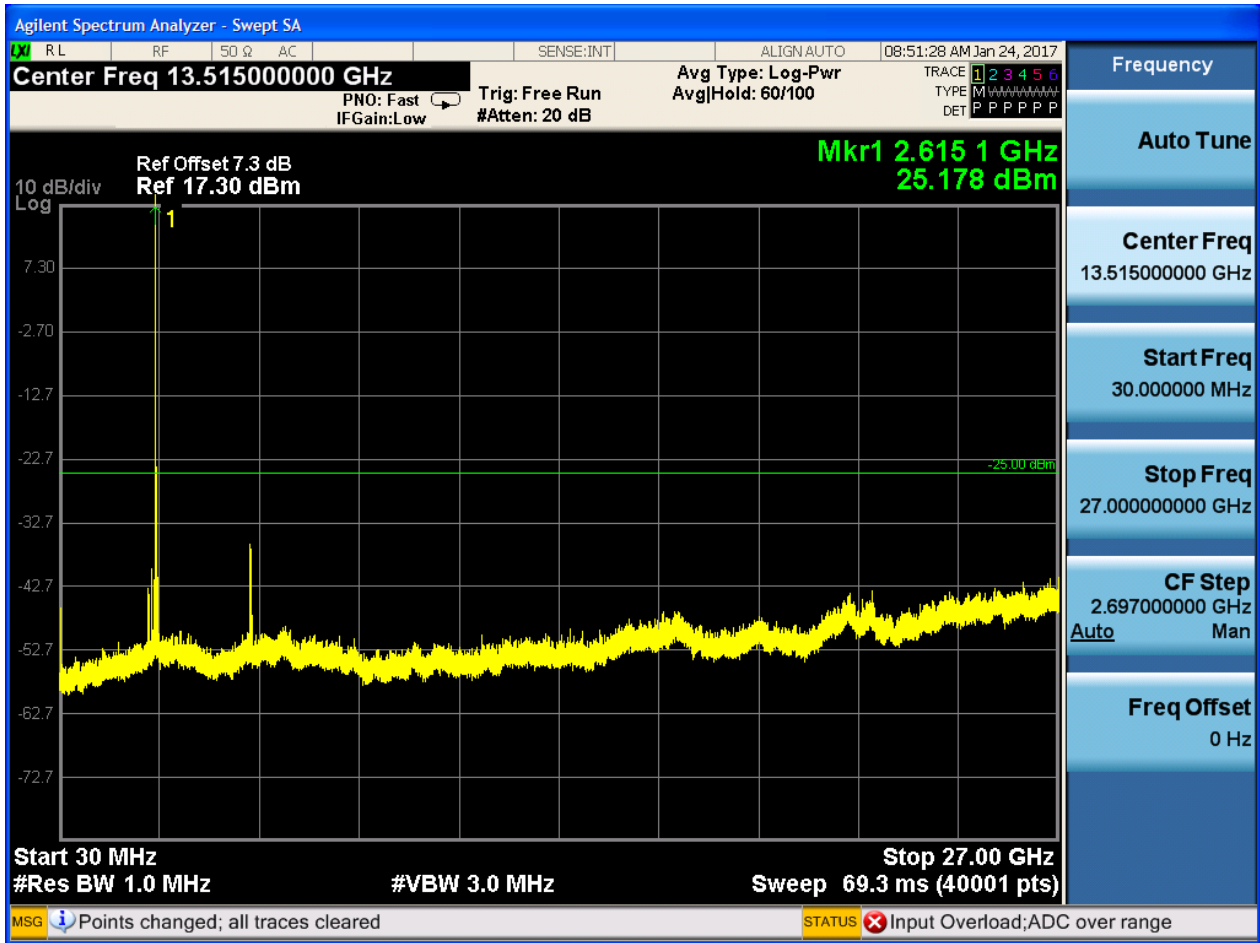


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





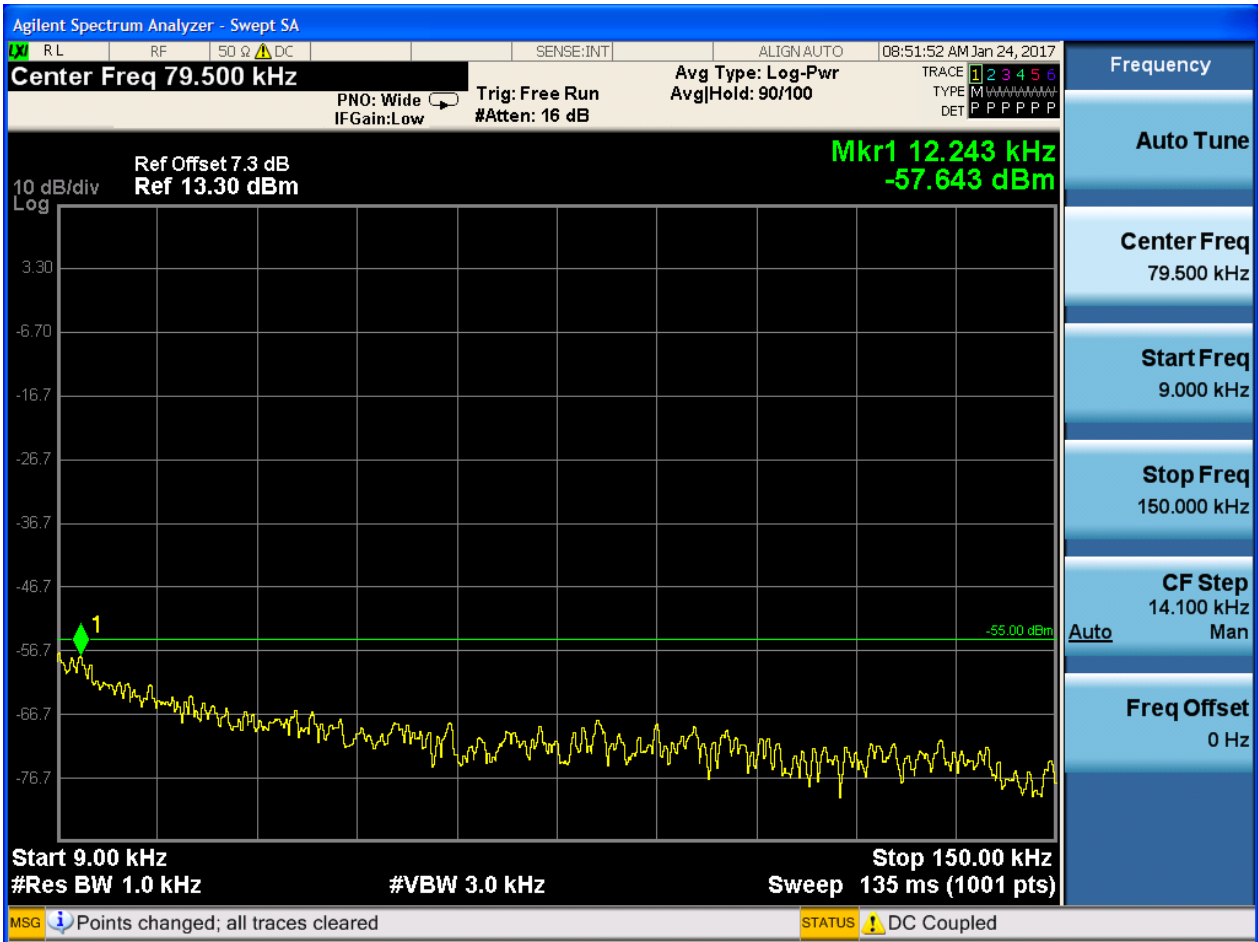


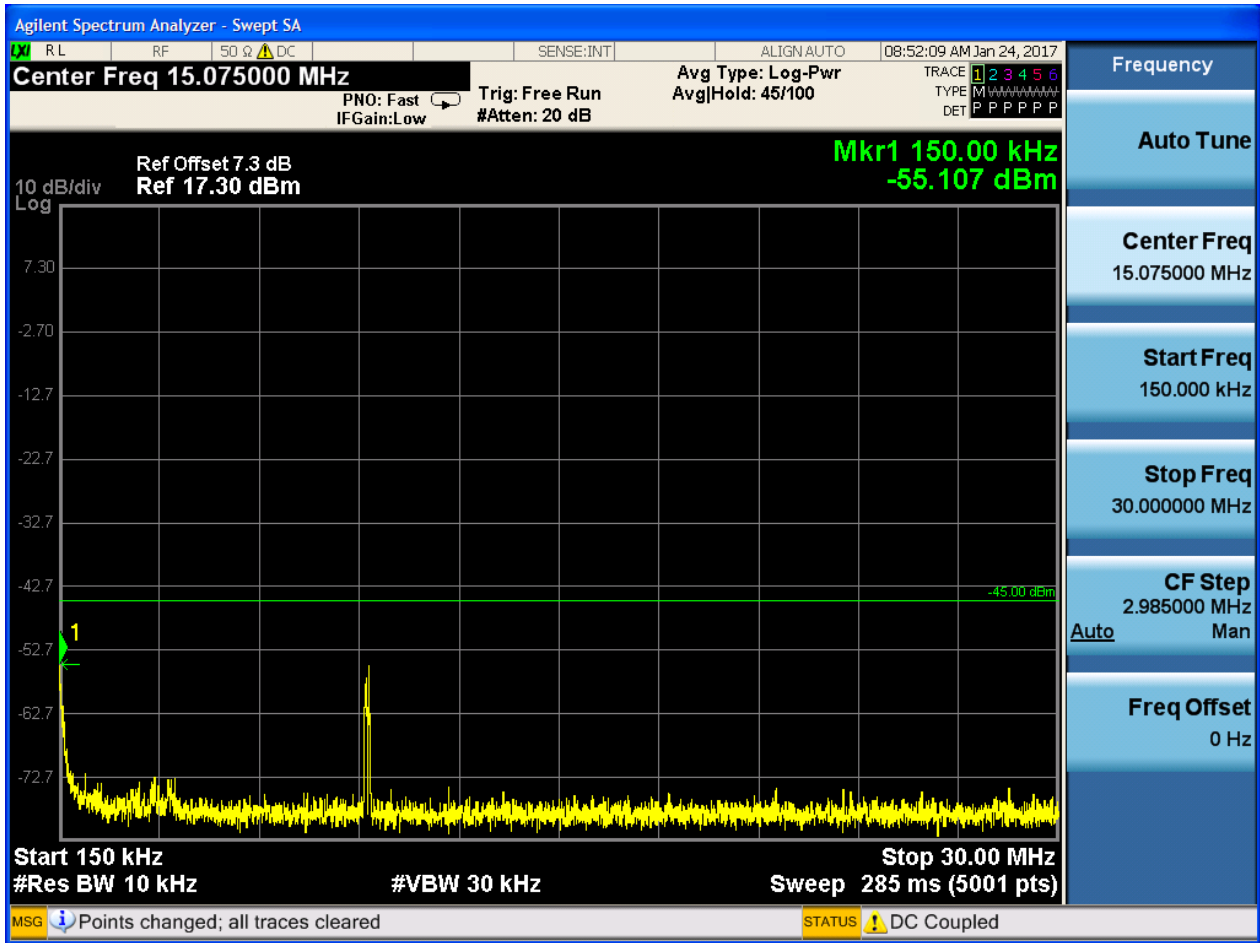


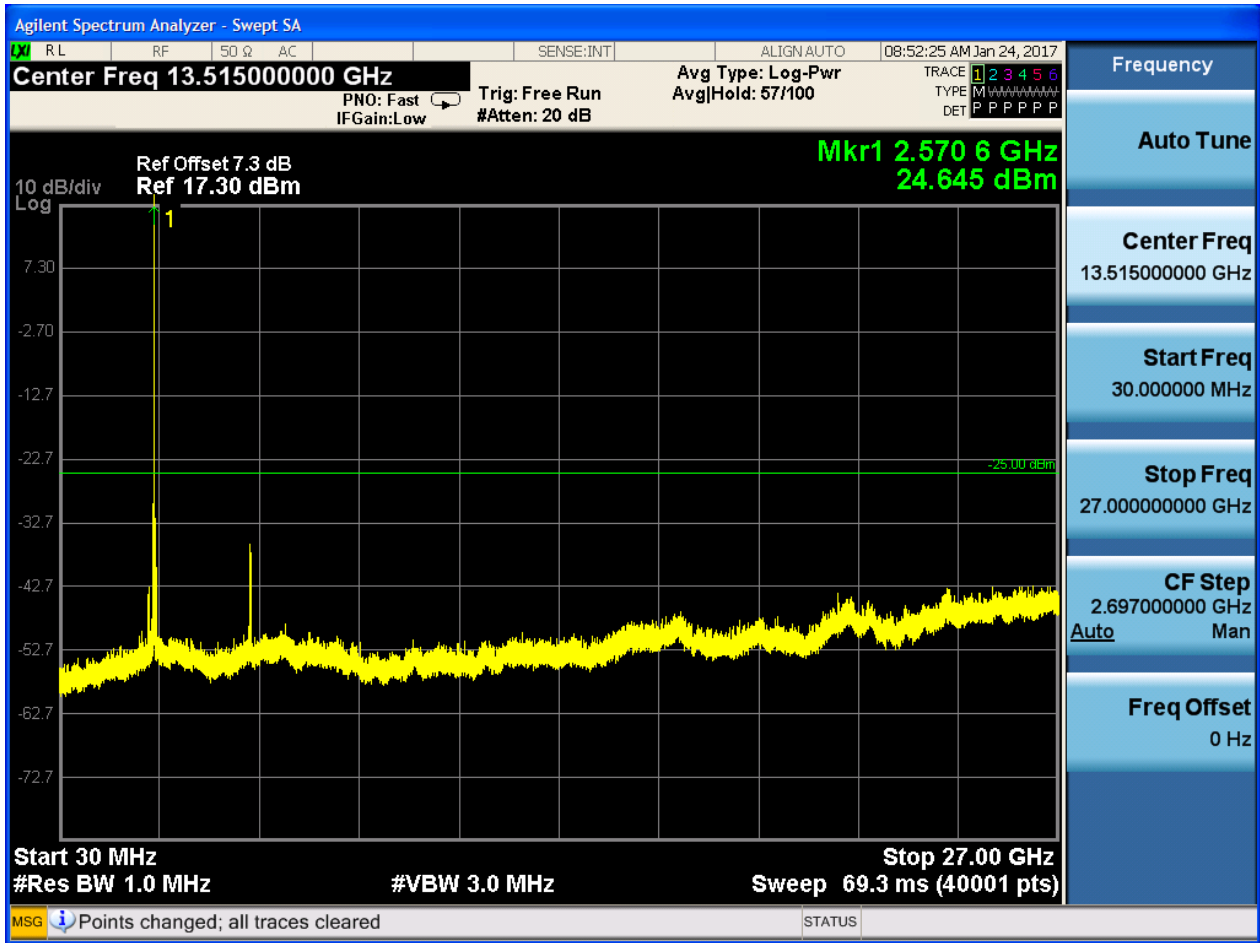
6.1.1.1.2 Test Bandwidth = 10

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

