



# 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	22.86	23.15	33	PASS
				RB1#13	22.81	23.36	33	PASS
				RB1#24	22.63	22.89	33	PASS
				RB12#0	21.96	22.31	33	PASS
				RB12#6	21.92	22.17	33	PASS
				RB12#13	21.83	22.30	33	PASS
				RB25#0	21.87	22.18	33	PASS
			MCH	RB1#0	23.43	23.84	33	PASS
				RB1#13	23.4	23.69	33	PASS
				RB1#24	23.23	23.60	33	PASS
				RB12#0	22.44	22.75	33	PASS
				RB12#6	22.41	22.93	33	PASS
				RB12#13	22.32	22.84	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.36	22.71	33	PASS
			HCH	RB1#0	22.92	23.42	33	PASS
				RB1#13	22.82	23.14	33	PASS
				RB1#24	22.58	23.12	33	PASS
				RB12#0	21.96	22.42	33	PASS
				RB12#6	21.84	22.22	33	PASS
				RB12#13	21.65	22.10	33	PASS
				RB25#0	21.88	22.22	33	PASS
		10		LCH	RB1#0	22.89	23.20	33
			RB1#25		22.82	23.32	33	PASS
			RB1#49		22.71	23.03	33	PASS
			RB25#0		22.01	22.42	33	PASS
			RB25#13		22.03	22.38	33	PASS
			RB25#25		21.9	22.40	33	PASS
			RB50#0		22.01	22.53	33	PASS
			MCH		RB1#0	23.56	23.85	33
				RB1#25	23.55	23.93	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#49	23.09	23.64	33	PASS	
				RB25#0	22.58	22.90	33	PASS	
				RB25#13	22.38	22.89	33	PASS	
				RB25#25	22.27	22.59	33	PASS	
				RB50#0	22.35	22.65	33	PASS	
			HCH	RB1#0	23.1	23.36	33	PASS	
				RB1#25	22.93	23.28	33	PASS	
				RB1#49	22.48	22.87	33	PASS	
				RB25#0	21.96	22.24	33	PASS	
				RB25#13	21.95	22.27	33	PASS	
				RB25#25	21.77	22.28	33	PASS	
				RB50#0	22.03	22.47	33	PASS	
			15	LCH	RB1#0	23.02	23.33	33	PASS
					RB1#38	23.04	23.33	33	PASS
					RB1#74	22.91	23.17	33	PASS
RB36#0	22.07	22.49			33	PASS			
RB36#18	21.97	22.42			33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB36#39	22.14	22.65	33	PASS
				RB75#0	22.1	22.59	33	PASS
			MCH	RB1#0	23.57	24.03	33	PASS
				RB1#38	23.58	24.06	33	PASS
				RB1#74	23.25	23.66	33	PASS
				RB36#0	22.47	22.85	33	PASS
				RB36#18	22.54	22.96	33	PASS
				RB36#39	22.3	22.72	33	PASS
				RB75#0	22.41	22.79	33	PASS
				HCH	RB1#0	23.38	23.80	33
			RB1#38		22.82	23.19	33	PASS
			RB1#74		22.5	22.86	33	PASS
			RB36#0		22.06	22.59	33	PASS
			RB36#18		21.78	22.17	33	PASS
			RB36#39		21.86	22.15	33	PASS
			RB75#0		22	22.39	33	PASS
		20	LCH	RB1#0	22.72	23.04	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	22.89	23.36	33	PASS
				RB1#99	23.07	23.37	33	PASS
				RB50#0	21.94	22.47	33	PASS
				RB50#25	21.95	22.38	33	PASS
				RB50#50	21.91	22.17	33	PASS
				RB100#0	22.04	22.36	33	PASS
			MCH	RB1#0	23.06	23.51	33	PASS
			MCH	RB1#50	23.24	23.54	33	PASS
			MCH	RB1#99	22.95	23.39	33	PASS
			MCH	RB50#0	22.42	22.96	33	PASS
			MCH	RB50#25	22.21	22.66	33	PASS
			MCH	RB50#50	22.26	22.61	33	PASS
			MCH	RB100#0	22.27	22.74	33	PASS
			HCH	RB1#0	23.29	23.73	33	PASS
			HCH	RB1#50	22.68	23.17	33	PASS
			HCH	RB1#99	22.44	22.82	33	PASS
			HCH	RB50#0	21.95	22.25	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB50#25	21.64	22.02	33	PASS	
				RB50#50	21.75	22.21	33	PASS	
				RB100#0	22.03	22.57	33	PASS	
	LTE/TM2	5		LCH	RB1#0	22.22	22.65	33	PASS
					RB1#13	22.19	22.59	33	PASS
					RB1#24	22	22.29	33	PASS
					RB12#0	20.91	21.17	33	PASS
					RB12#6	20.88	21.25	33	PASS
					RB12#13	20.8	21.13	33	PASS
					RB25#0	20.84	21.35	33	PASS
				MCH	RB1#0	22.59	22.91	33	PASS
					RB1#13	22.65	23.05	33	PASS
					RB1#24	22.48	22.74	33	PASS
					RB12#0	21.54	21.94	33	PASS
					RB12#6	21.51	21.89	33	PASS
RB12#13	21.43	21.74	33	PASS					
RB25#0	21.38	21.92	33	PASS					



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.41	22.86	33	PASS
				RB1#13	22.31	22.85	33	PASS
				RB1#24	22.08	22.52	33	PASS
				RB12#0	20.86	21.38	33	PASS
				RB12#6	20.74	21.03	33	PASS
				RB12#13	20.55	21.05	33	PASS
				RB25#0	20.86	21.23	33	PASS
		10	LCH	RB1#0	21.97	22.39	33	PASS
				RB1#25	21.91	22.35	33	PASS
				RB1#49	21.67	22.09	33	PASS
				RB25#0	20.95	21.43	33	PASS
				RB25#13	20.94	21.21	33	PASS
				RB25#25	20.81	21.25	33	PASS
				RB50#0	20.95	21.25	33	PASS
			MCH	RB1#0	22.64	23.10	33	PASS
				RB1#25	22.62	22.89	33	PASS
				RB1#49	22.2	22.68	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict			
				RB25#0	21.53	21.78	33	PASS			
				RB25#13	21.35	21.68	33	PASS			
				RB25#25	21.24	21.77	33	PASS			
				RB50#0	21.3	21.61	33	PASS			
			HCH	RB1#0	22.38	22.91	33	PASS			
				RB1#25	22.13	22.41	33	PASS			
				RB1#49	21.7	22.12	33	PASS			
				RB25#0	20.99	21.38	33	PASS			
			LCH	RB25#13	20.99	21.38	33	PASS			
				RB25#25	20.83	21.38	33	PASS			
				RB50#0	20.97	21.51	33	PASS			
				RB1#0	22.36	22.74	33	PASS			
			15				RB1#38	22.39	22.70	33	PASS
							RB1#74	22.28	22.78	33	PASS
		RB36#0					21.1	21.46	33	PASS	
		RB36#18					21.01	21.41	33	PASS	
		RB36#39					21.12	21.55	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.03	21.45	33	PASS
			MCH	RB1#0	22.55	22.83	33	PASS
				RB1#38	22.45	22.98	33	PASS
				RB1#74	22.16	22.64	33	PASS
				RB36#0	21.43	21.92	33	PASS
				RB36#18	21.46	21.78	33	PASS
				RB36#39	21.23	21.51	33	PASS
				RB75#0	21.31	21.80	33	PASS
				HCH	RB1#0	22.79	23.15	33
			RB1#38		22.22	22.71	33	PASS
			RB1#74		21.95	22.39	33	PASS
			RB36#0		21.1	21.55	33	PASS
			RB36#18		20.82	21.16	33	PASS
			RB36#39		20.9	21.27	33	PASS
			RB75#0		21.05	21.40	33	PASS
		20	LCH	RB1#0	21.66	22.06	33	PASS
				RB1#50	21.96	22.29	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	22.09	22.57	33	PASS
				RB50#0	20.97	21.26	33	PASS
				RB50#25	20.98	21.44	33	PASS
				RB50#50	20.94	21.41	33	PASS
				RB100#0	21.03	21.30	33	PASS
			MCH	RB1#0	22.42	22.68	33	PASS
			MCH	RB1#50	22.47	22.91	33	PASS
			MCH	RB1#99	22.3	22.59	33	PASS
			MCH	RB50#0	21.37	21.63	33	PASS
			MCH	RB50#25	21.16	21.55	33	PASS
			MCH	RB50#50	21.21	21.74	33	PASS
			MCH	RB100#0	21.19	21.61	33	PASS
			HCH	RB1#0	22.43	22.84	33	PASS
			HCH	RB1#50	21.87	22.39	33	PASS
			HCH	RB1#99	21.62	21.97	33	PASS
			HCH	RB50#0	20.94	21.32	33	PASS
			HCH	RB50#25	20.62	21.11	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	20.76	21.29	33	PASS
				RB100#0	21.08	21.38	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	4.82	13	PASS
				RB1#13	4.74	13	PASS
				RB1#24	4.9	13	PASS
				RB12#0	5.6	13	PASS
				RB12#6	5.55	13	PASS
				RB12#13	5.69	13	PASS
				RB25#0	5.88	13	PASS
			MCH	RB1#0	4.39	13	PASS
				RB1#13	4.39	13	PASS
				RB1#24	4.63	13	PASS
				RB12#0	5.62	13	PASS
				RB12#6	5.5	13	PASS
				RB12#13	5.79	13	PASS
				RB25#0	5.78	13	PASS
		HCH	RB1#0	4.33	13	PASS	
			RB1#13	4.32	13	PASS	
			RB1#24	4.4	13	PASS	
			RB12#0	5.68	13	PASS	
			RB12#6	5.62	13	PASS	
			RB12#13	5.7	13	PASS	
			RB25#0	5.82	13	PASS	
		10	LCH	RB1#0	3.9	13	PASS
				RB1#25	3.9	13	PASS
				RB1#49	4.03	13	PASS
				RB25#0	5.7	13	PASS
				RB25#13	5.62	13	PASS
				RB25#25	5.74	13	PASS
				RB50#0	5.87	13	PASS
MCH	RB1#0		4.32	13	PASS		
	RB1#25		4.3	13	PASS		
	RB1#49		4.58	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		15	HCH	RB25#0	5.8	13	PASS
				RB25#13	5.62	13	PASS
				RB25#25	5.88	13	PASS
				RB50#0	5.7	13	PASS
			HCH	RB1#0	4.74	13	PASS
				RB1#25	4.82	13	PASS
				RB1#49	4.94	13	PASS
				RB25#0	5.87	13	PASS
				RB25#13	5.77	13	PASS
				RB25#25	5.84	13	PASS
			LCH	RB50#0	6.49	13	PASS
				RB1#0	4.55	13	PASS
				RB1#38	4.53	13	PASS
				RB1#74	4.65	13	PASS
				RB36#0	5.89	13	PASS
		RB36#18		5.82	13	PASS	
		RB36#39		6	13	PASS	
		MCH	RB75#0	6.04	13	PASS	
			RB1#0	4.39	13	PASS	
			RB1#38	4.41	13	PASS	
			RB1#74	4.67	13	PASS	
			RB36#0	5.69	13	PASS	
			RB36#18	5.73	13	PASS	
			RB36#39	5.88	13	PASS	
		HCH	RB75#0	6.09	13	PASS	
			RB1#0	4.2	13	PASS	
			RB1#38	4.34	13	PASS	
			RB1#74	4.37	13	PASS	
			RB36#0	5.8	13	PASS	
			RB36#18	5.87	13	PASS	
RB36#39	5.9		13	PASS			
20	LCH	RB75#0	6.4	13	PASS		
		RB1#0	4.66	13	PASS		
		RB1#50	4.61	13	PASS		
		RB1#99	4.71	13	PASS		
		RB50#0	5.98	13	PASS		
		RB50#25	5.84	13	PASS		
		RB50#50	6.03	13	PASS		
RB100#0	6.18	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2		MCH	RB1#0	4.42	13	PASS
				RB1#50	4.39	13	PASS
				RB1#99	4.52	13	PASS
				RB50#0	5.94	13	PASS
				RB50#25	5.85	13	PASS
				RB50#50	6.04	13	PASS
				RB100#0	6.36	13	PASS
			HCH	RB1#0	4.21	13	PASS
				RB1#50	4.51	13	PASS
				RB1#99	4.43	13	PASS
				RB50#0	5.64	13	PASS
				RB50#25	5.7	13	PASS
				RB50#50	5.93	13	PASS
				RB100#0	6.18	13	PASS
	5	LCH	RB1#0	5.45	13	PASS	
			RB1#13	5.46	13	PASS	
			RB1#24	5.54	13	PASS	
			RB12#0	6.51	13	PASS	
			RB12#6	6.45	13	PASS	
			RB12#13	6.68	13	PASS	
			RB25#0	6.47	13	PASS	
		MCH	RB1#0	5.08	13	PASS	
			RB1#13	4.75	13	PASS	
			RB1#24	4.9	13	PASS	
			RB12#0	6.04	13	PASS	
			RB12#6	5.91	13	PASS	
			RB12#13	6	13	PASS	
			RB25#0	6.72	13	PASS	
		HCH	RB1#0	5.5	13	PASS	
			RB1#13	5.57	13	PASS	
			RB1#24	5.64	13	PASS	
			RB12#0	6.65	13	PASS	
RB12#6	6.62		13	PASS			
RB12#13	6.75		13	PASS			
RB25#0	6.7		13	PASS			
10	LCH	RB1#0	5.19	13	PASS		
		RB1#25	5.11	13	PASS		
		RB1#49	5.18	13	PASS		
		RB25#0	6.68	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#13	6.59	13	PASS	
				RB25#25	6.78	13	PASS	
				RB50#0	6.56	13	PASS	
			MCH	RB1#0	4.9	13	PASS	
				RB1#25	4.87	13	PASS	
				RB1#49	5.2	13	PASS	
				RB25#0	6.45	13	PASS	
				RB25#13	6.16	13	PASS	
				RB25#25	6.54	13	PASS	
				RB50#0	6.73	13	PASS	
				HCH	RB1#0	5.26	13	PASS
					RB1#25	5.41	13	PASS
			RB1#49		5.72	13	PASS	
			RB25#0		6.77	13	PASS	
			RB25#13		6.64	13	PASS	
			RB25#25		6.78	13	PASS	
			15	LCH	RB1#0	5.3	13	PASS
					RB1#38	5.27	13	PASS
		RB1#74			5.36	13	PASS	
		RB36#0			6.49	13	PASS	
		RB36#18			6.44	13	PASS	
		RB36#39			6.55	13	PASS	
		MCH		RB75#0	7.24	13	PASS	
				RB1#0	4.8	13	PASS	
				RB1#38	4.77	13	PASS	
				RB1#74	5.03	13	PASS	
				RB36#0	6.15	13	PASS	
				RB36#18	6.12	13	PASS	
				RB36#39	6.26	13	PASS	
		HCH		RB75#0	6.49	13	PASS	
				RB1#0	4.9	13	PASS	
			RB1#38	5.19	13	PASS		
			RB1#74	5.63	13	PASS		
RB36#0	6.61		13	PASS				
RB36#18	6.73		13	PASS				
20	LCH	RB36#39	6.7	13	PASS			
		RB75#0	7.18	13	PASS			
		RB1#0	5.52	13	PASS			





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	5.5	13	PASS			
				RB1#99	5.35	13	PASS			
				RB50#0	6.46	13	PASS			
				RB50#25	6.36	13	PASS			
				RB50#50	6.49	13	PASS			
				RB100#0	6.97	13	PASS			
			MCH	RB1#0	5.16	13	PASS			
				RB1#50	4.96	13	PASS			
				RB1#99	5.24	13	PASS			
				RB50#0	6.33	13	PASS			
				RB50#25	6.32	13	PASS			
				RB50#50	6.44	13	PASS			
			HCH	RB100#0	6.83	13	PASS			
				RB1#0	5.03	13	PASS			
				RB1#50	5.62	13	PASS			
				RB1#99	5.96	13	PASS			
				RB50#0	6.55	13	PASS			
				RB50#25	6.61	13	PASS			
							RB50#50	7.02	13	PASS
							RB100#0	6.93	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

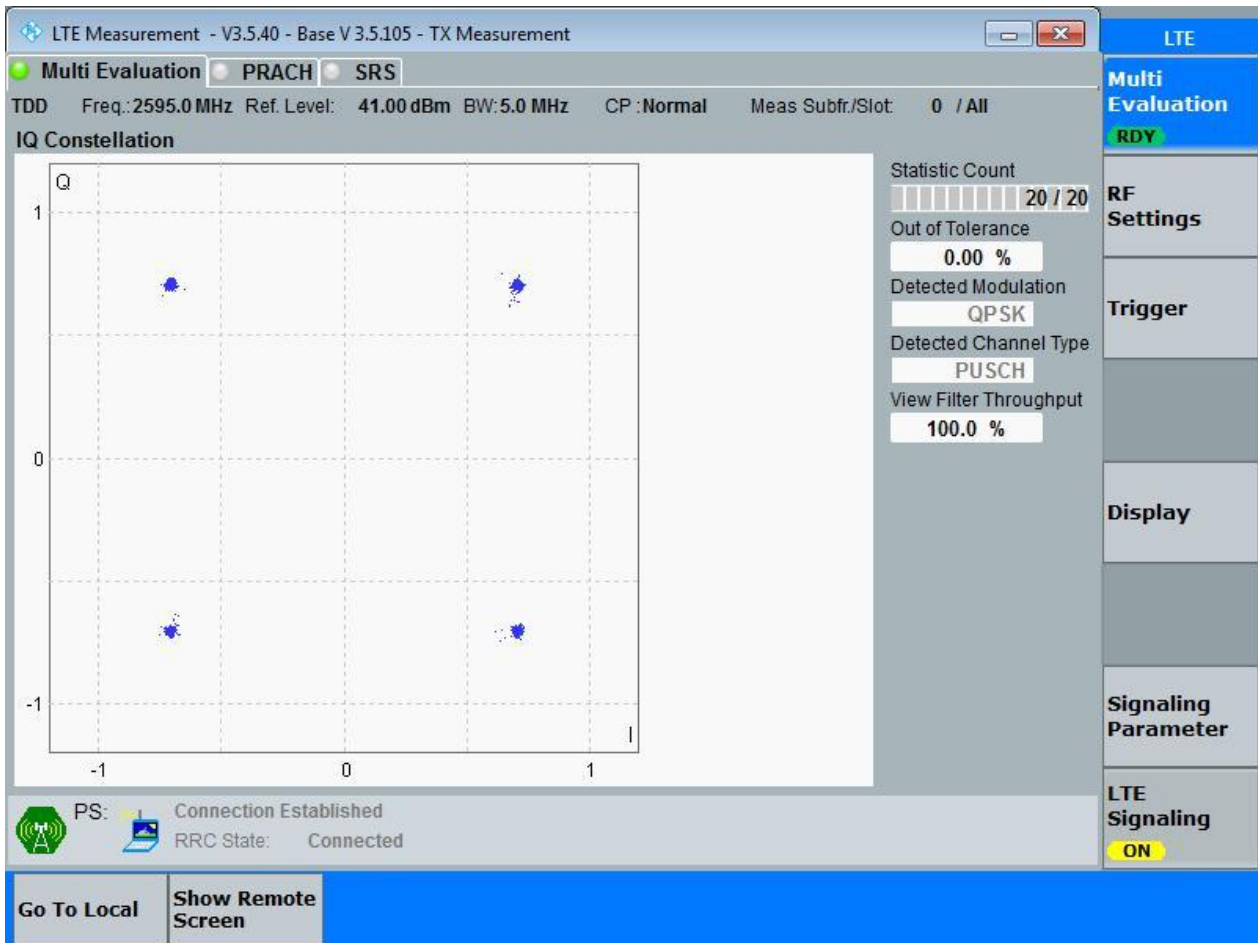
##### 3.1.1 Test Band = BAND38

##### 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

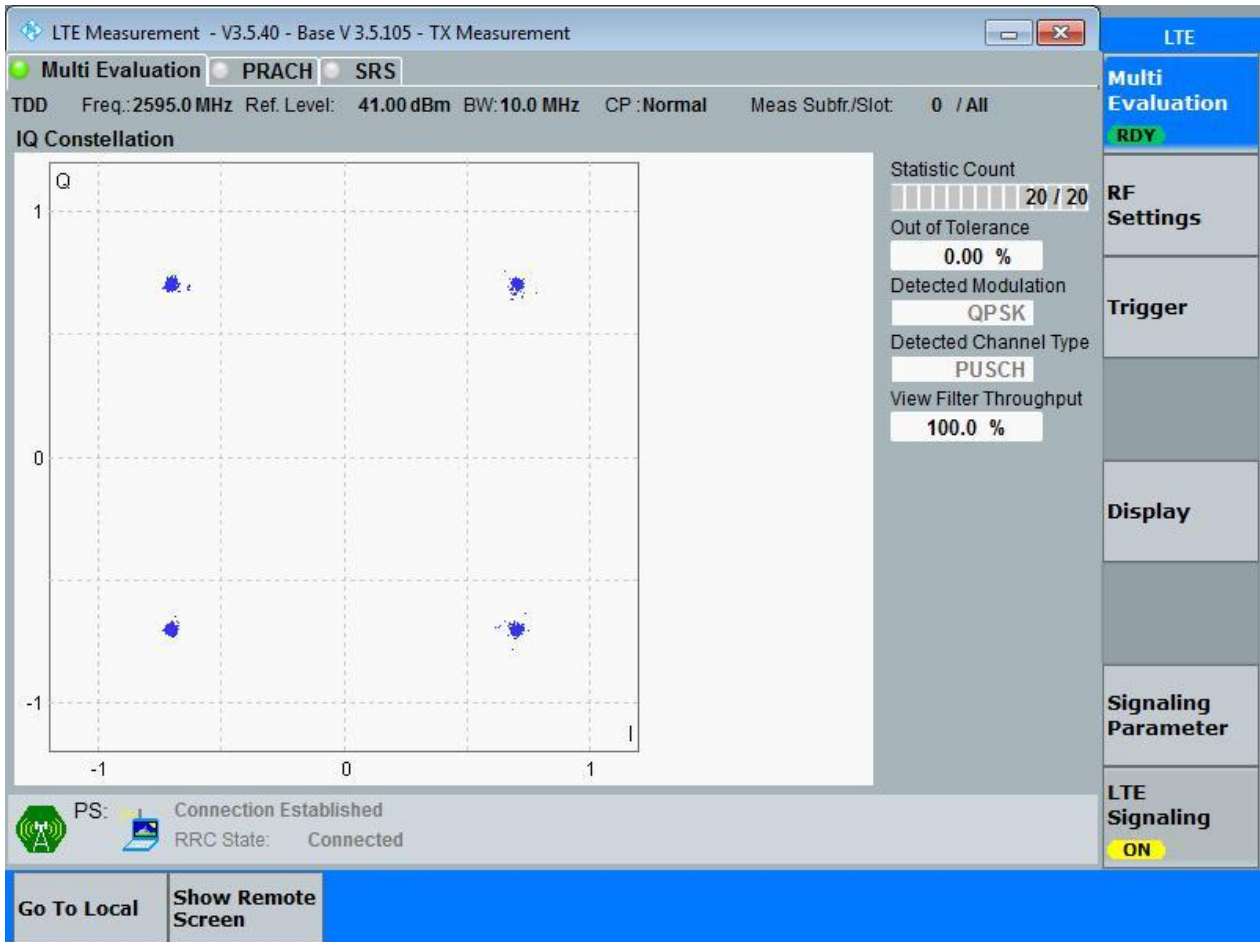
##### 3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

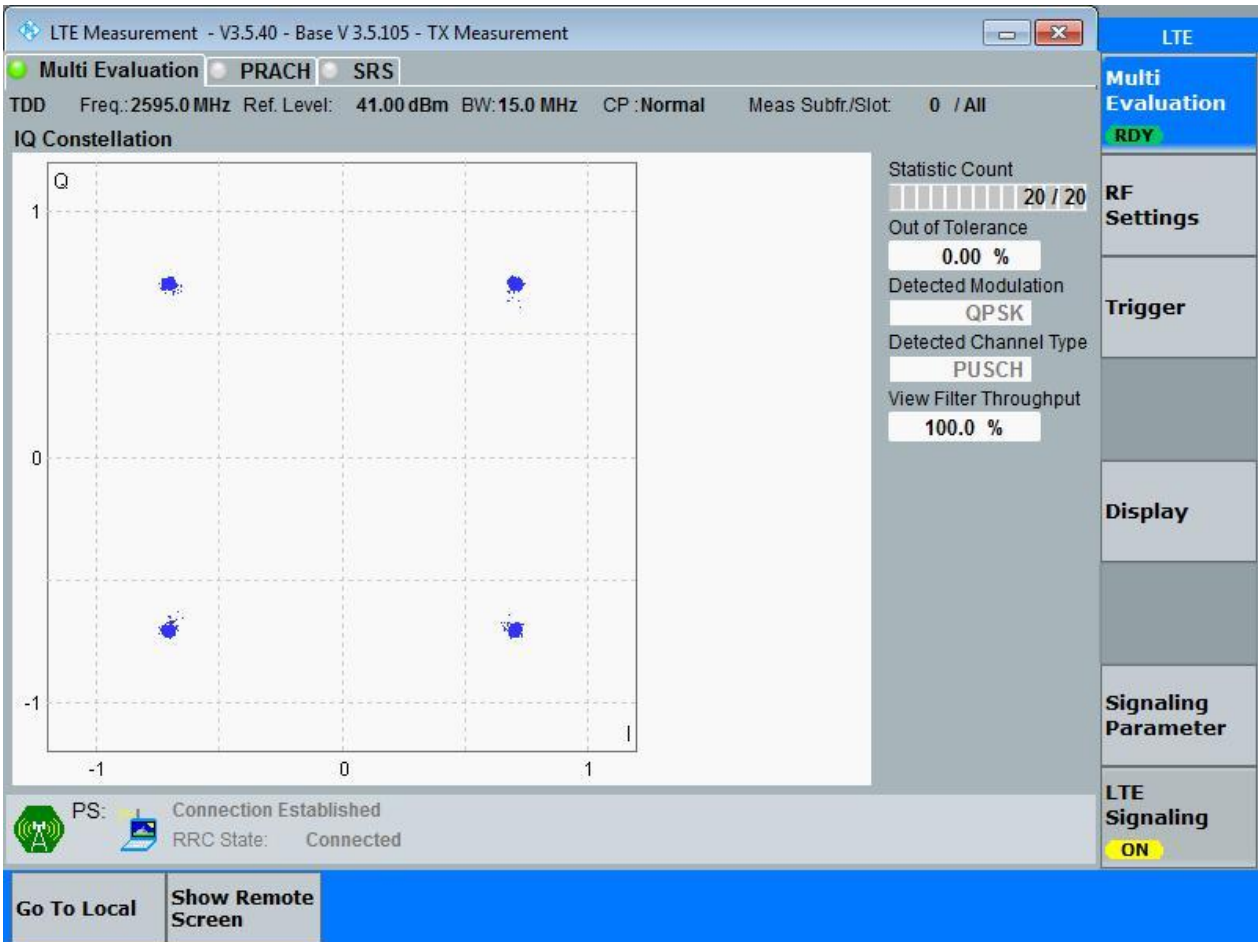
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

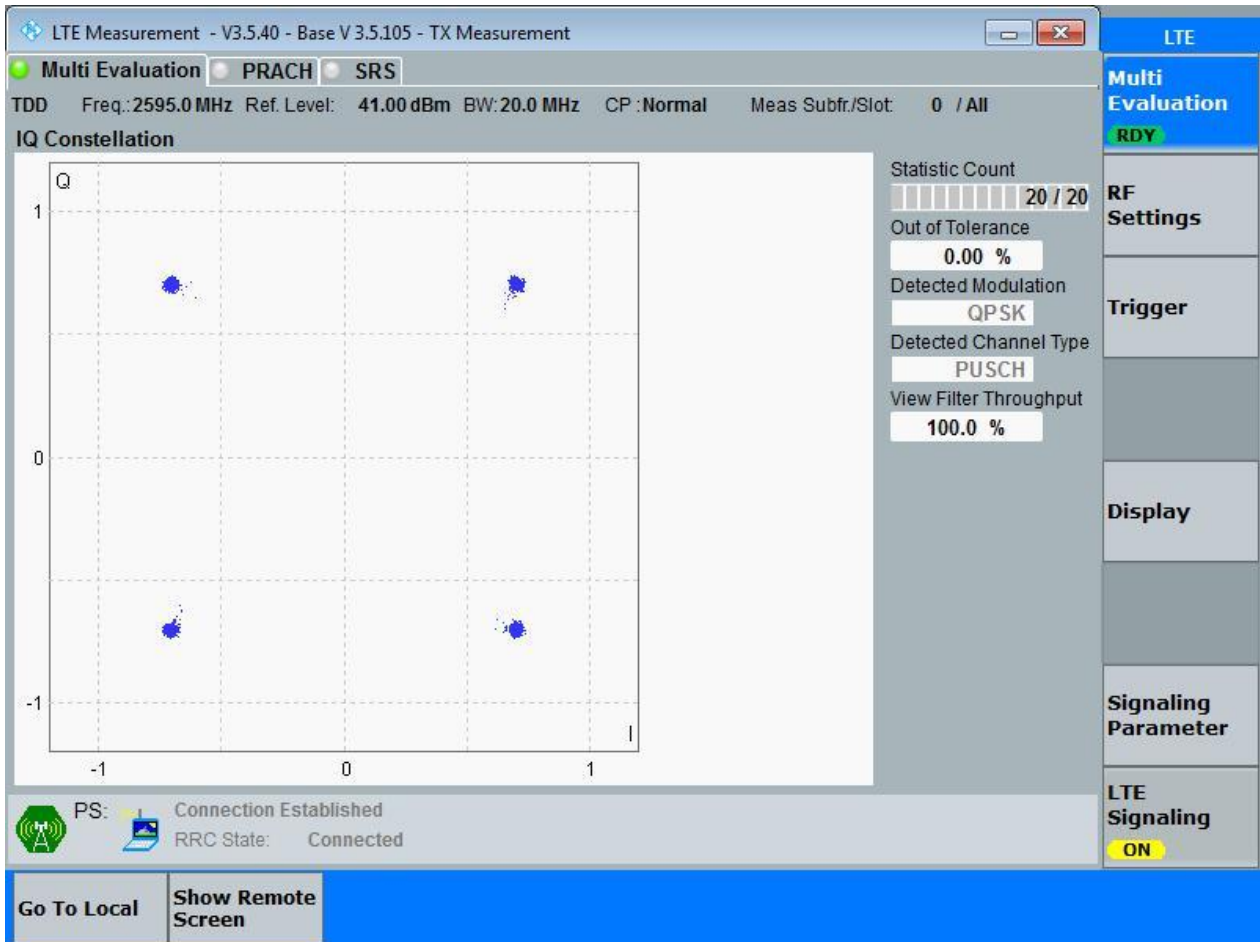
3.1.1.1.3.1.1 Test RB = RB75#0



### 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

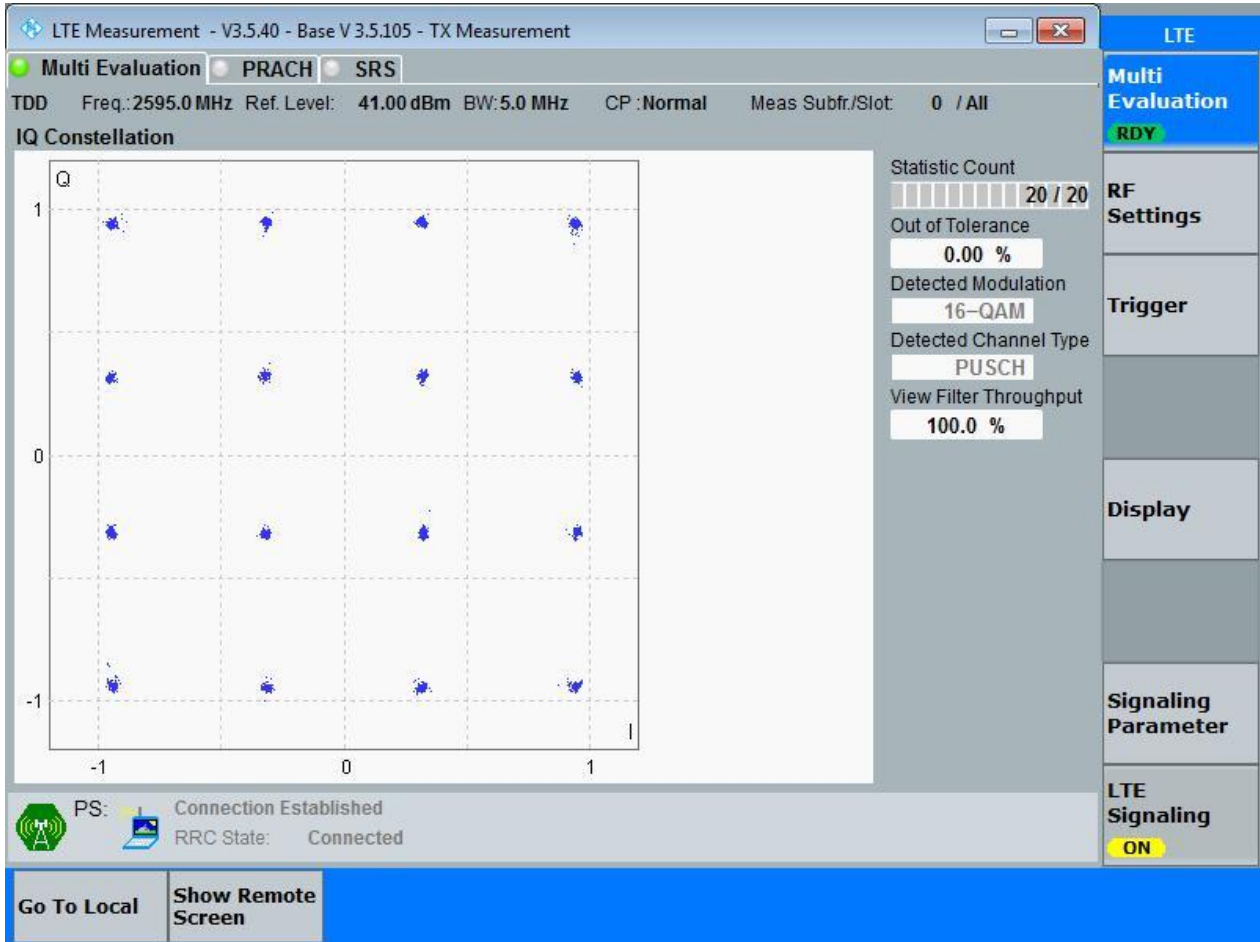


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

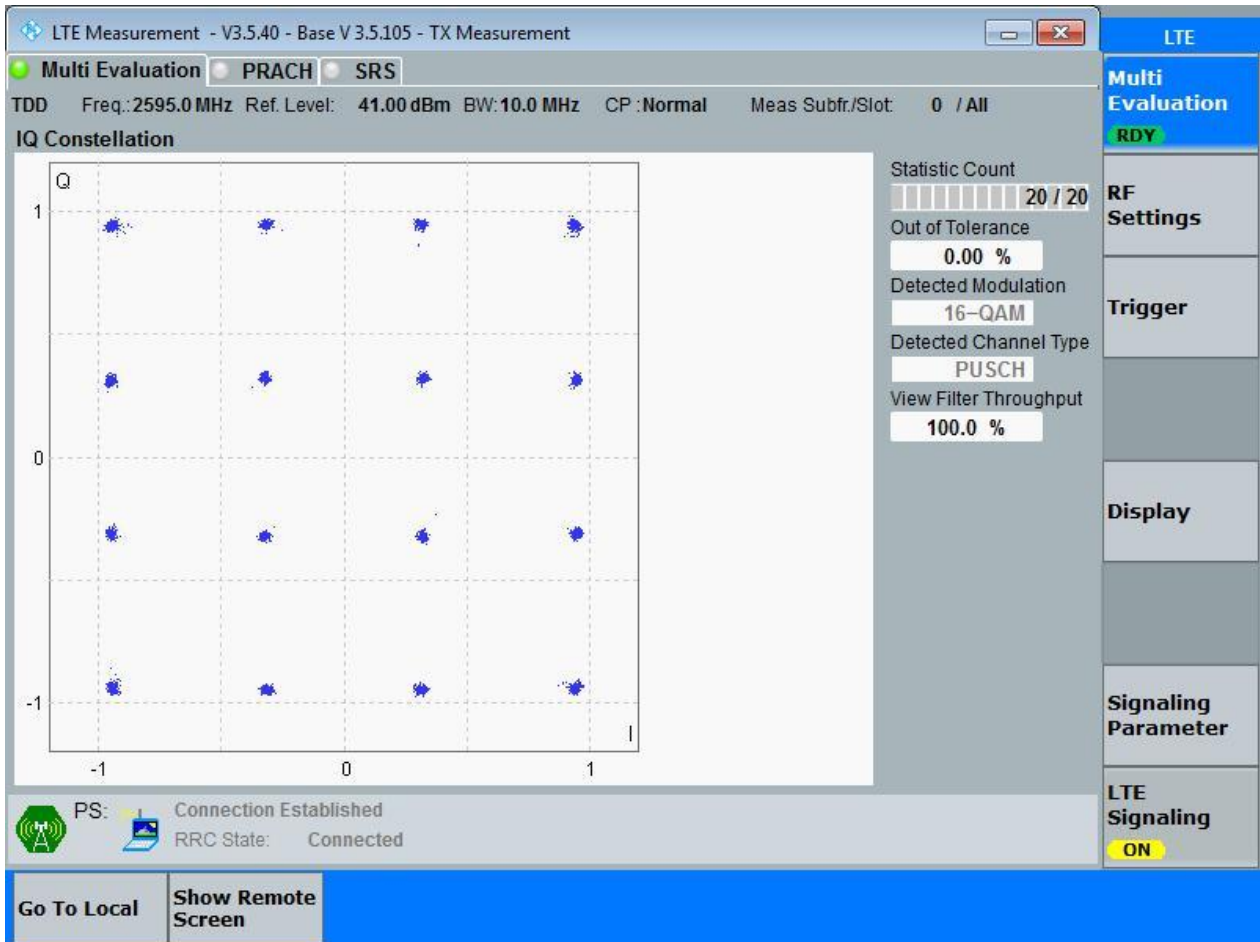
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

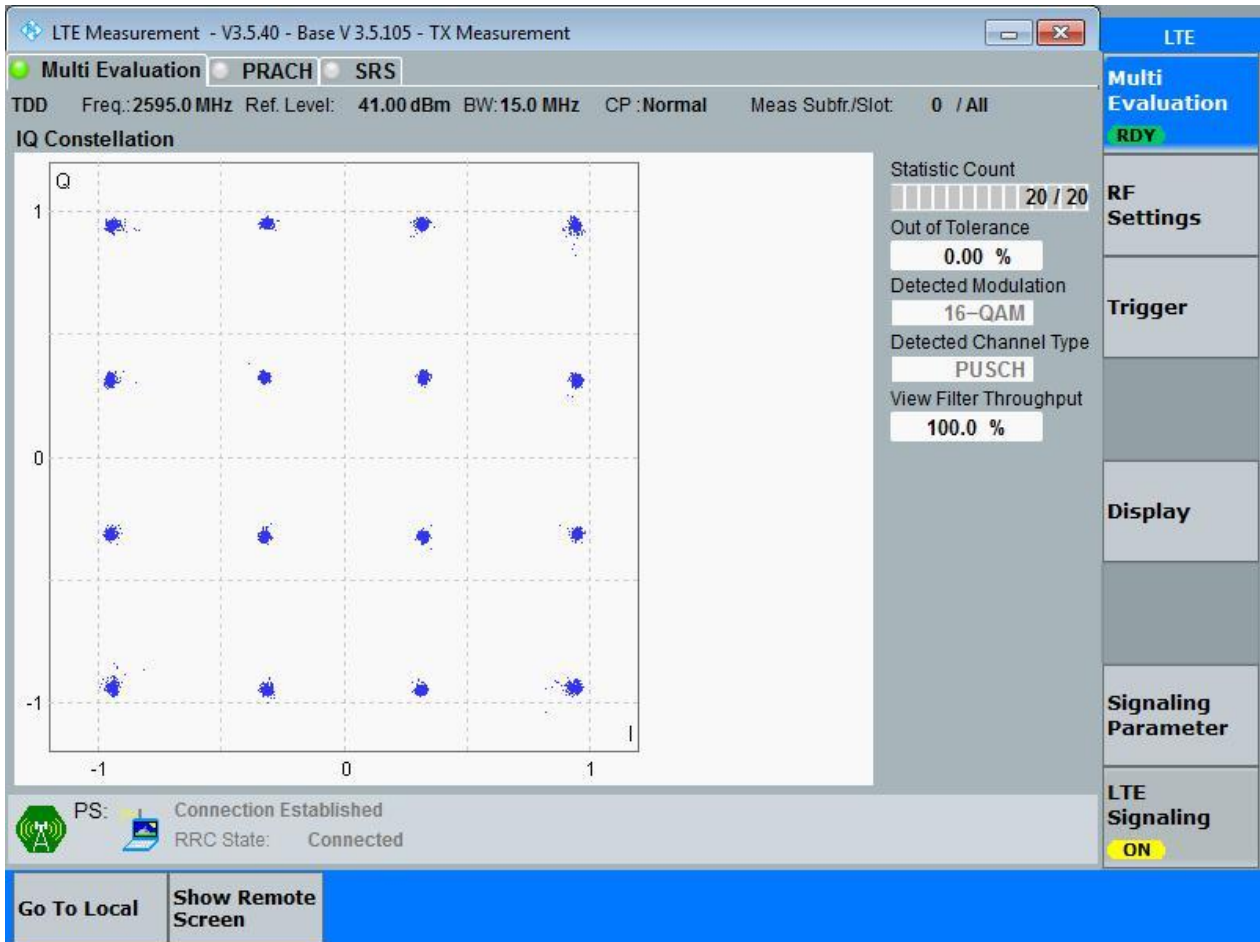
3.1.1.2.2.1.1 Test RB = RB50#0



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

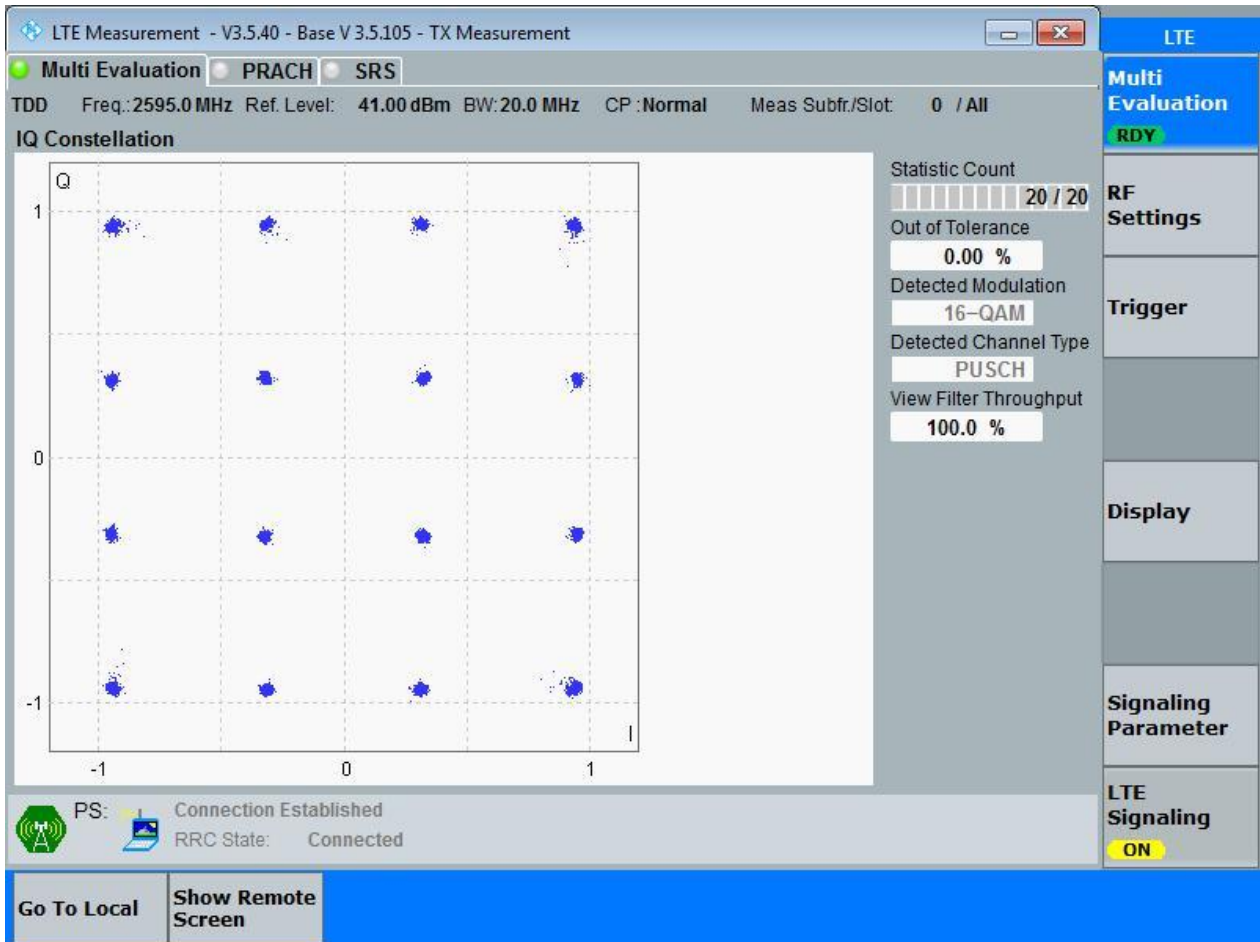




### 3.1.1.2.4 Test Bandwidth = 20

#### 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	4.92	Pass
			MCH	RB25#0	4.52	5.16	Pass
			HCH	RB25#0	4.50	4.99	Pass
		10	LCH	RB50#0	8.99	9.87	Pass
			MCH	RB50#0	9.00	9.89	Pass
			HCH	RB50#0	8.97	9.92	Pass
		15	LCH	RB75#0	13.52	15.17	Pass
			MCH	RB75#0	13.51	15.33	Pass
			HCH	RB75#0	13.50	15.05	Pass
		20	LCH	RB100#0	18.00	19.78	Pass
			MCH	RB100#0	18.03	19.95	Pass
			HCH	RB100#0	17.99	19.80	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	5.05	Pass
			MCH	RB25#0	4.50	4.95	Pass
			HCH	RB25#0	4.51	5.02	Pass
		10	LCH	RB50#0	9.01	9.87	Pass
			MCH	RB50#0	8.99	9.87	Pass
			HCH	RB50#0	8.98	9.89	Pass
		15	LCH	RB75#0	13.51	15.25	Pass
			MCH	RB75#0	13.48	15.07	Pass
			HCH	RB75#0	13.48	14.93	Pass
		20	LCH	RB100#0	18.07	19.93	Pass
			MCH	RB100#0	18.01	19.79	Pass
			HCH	RB100#0	18.04	19.90	Pass



Part II - Test Plots

4.1 For LTE

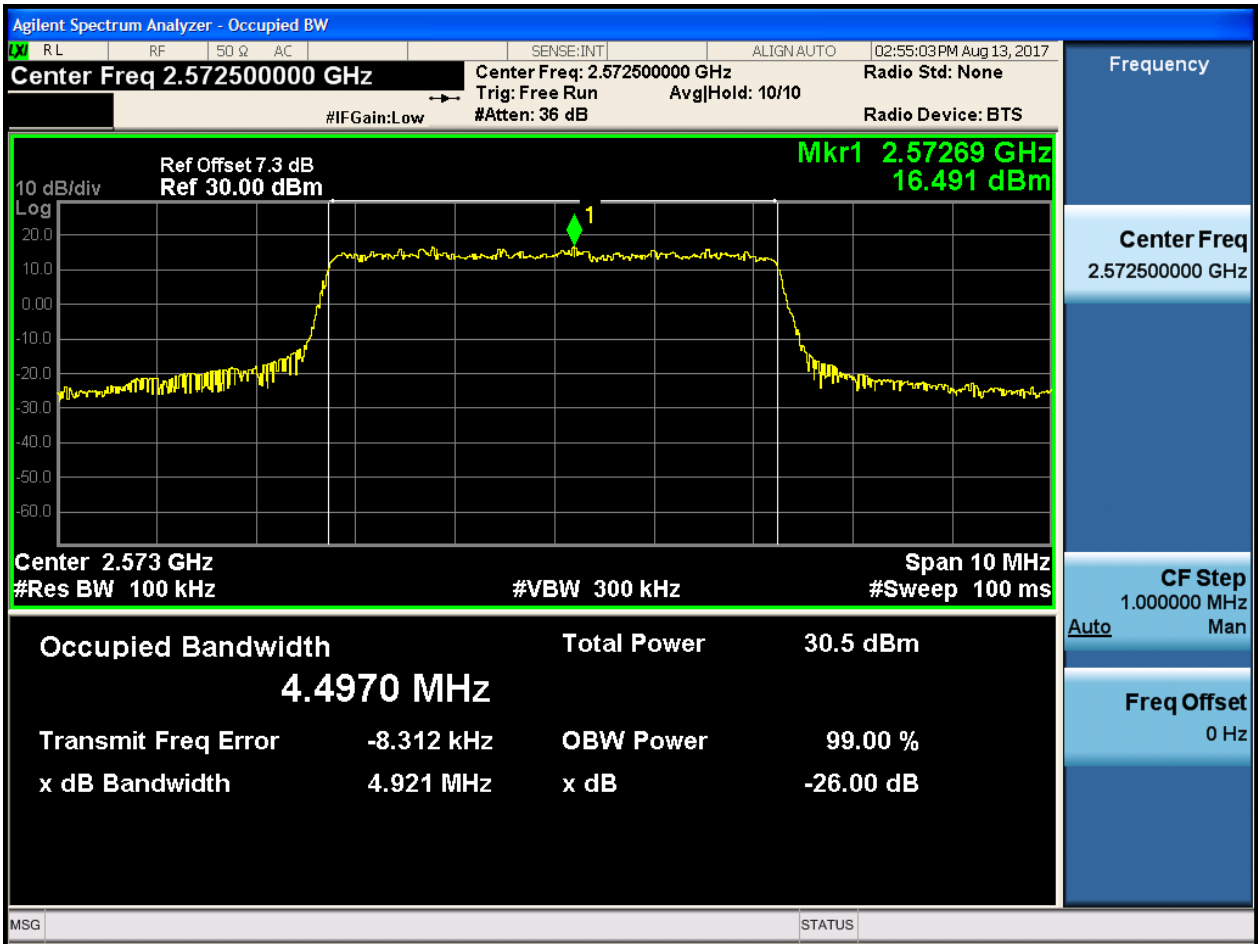
4.1.1 Test Band = BAND38

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

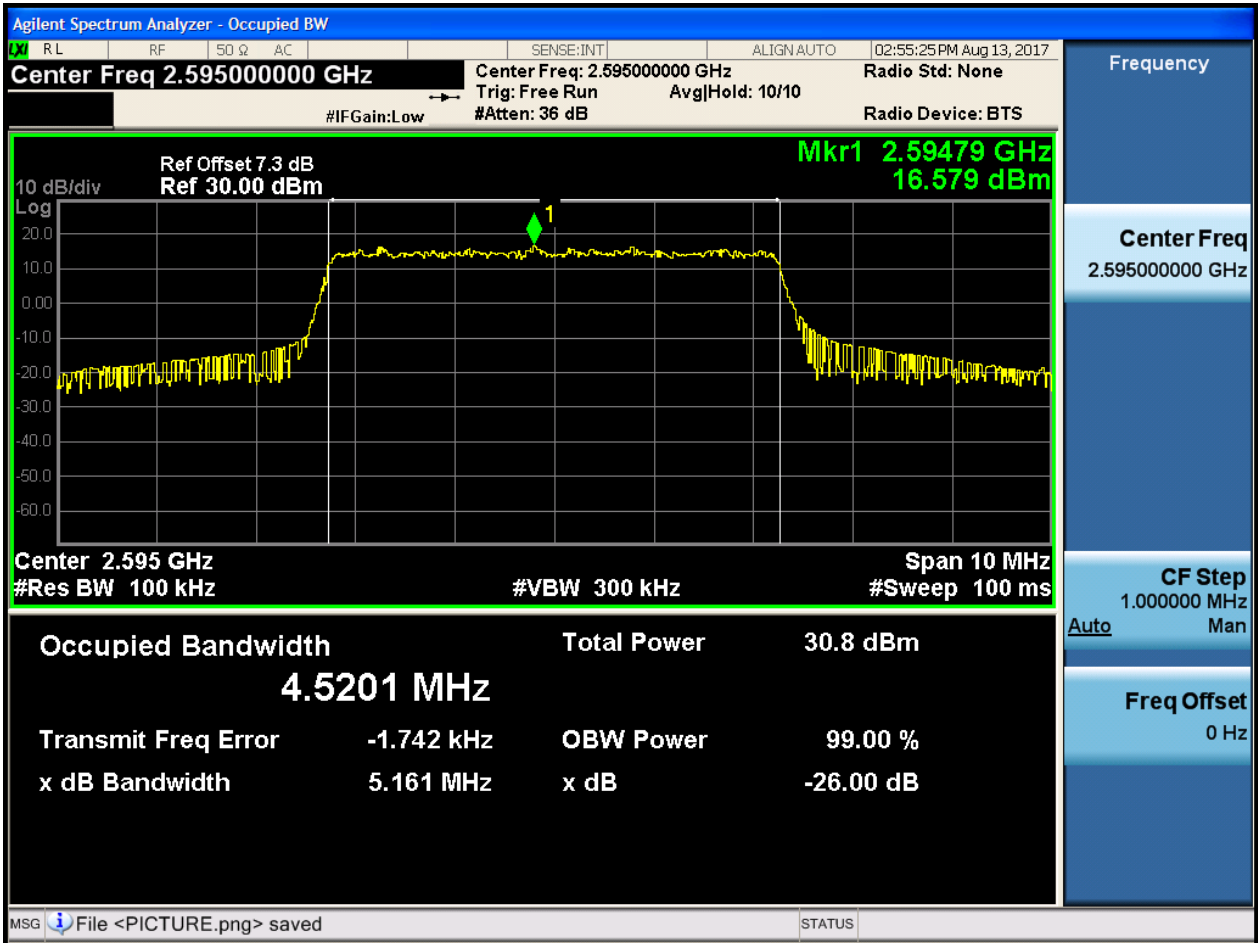
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

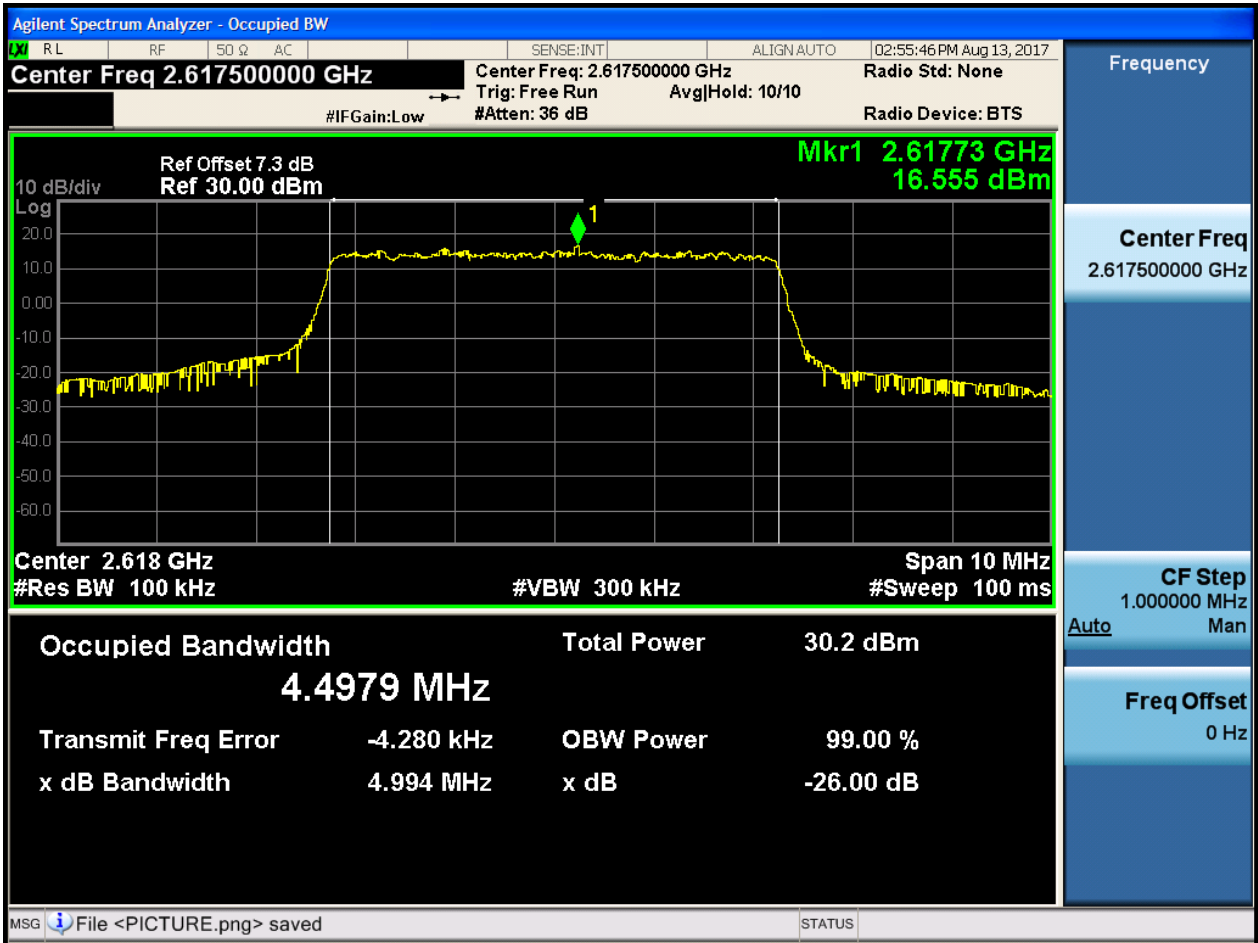
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

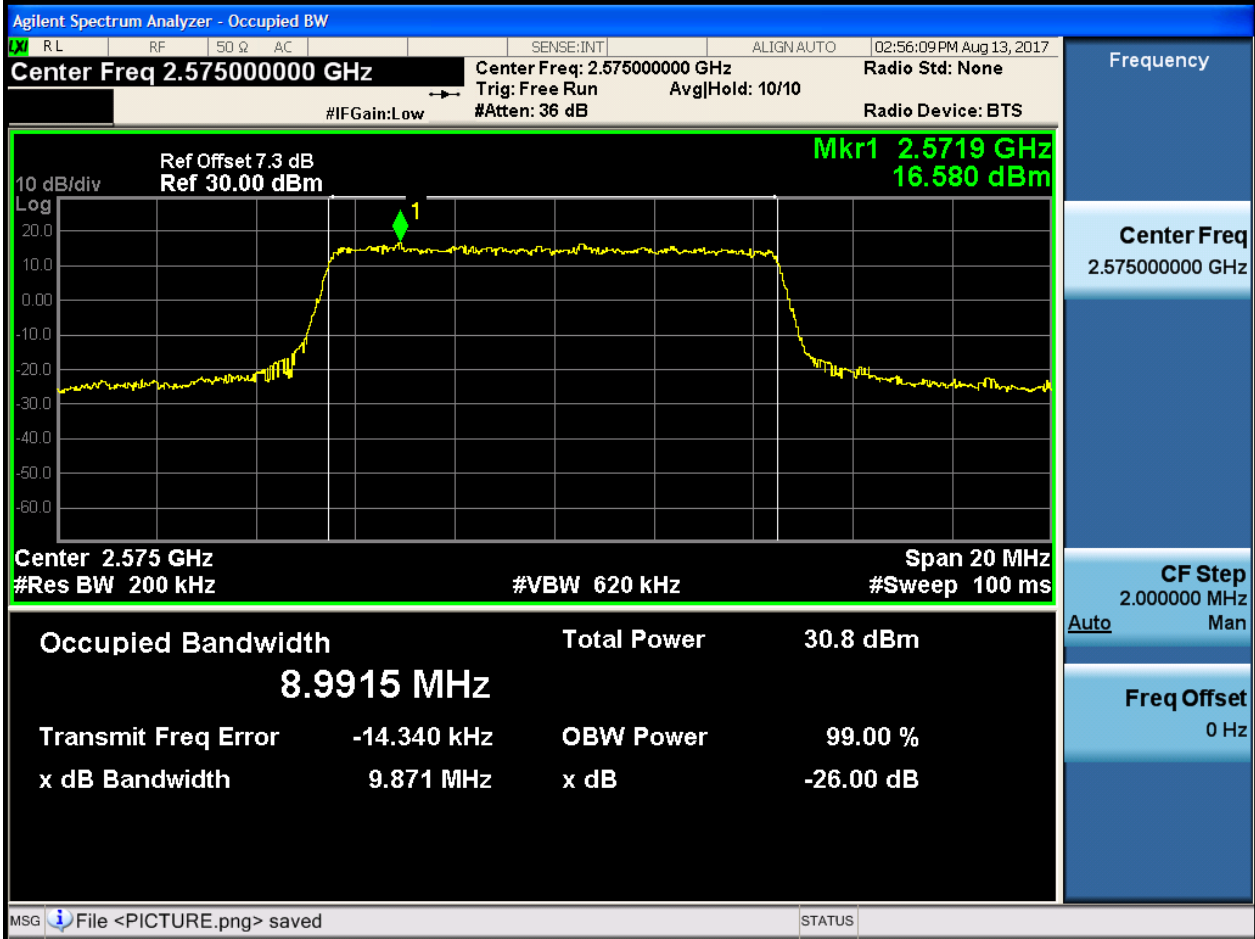




4.1.1.1.2 Test Bandwidth = 10

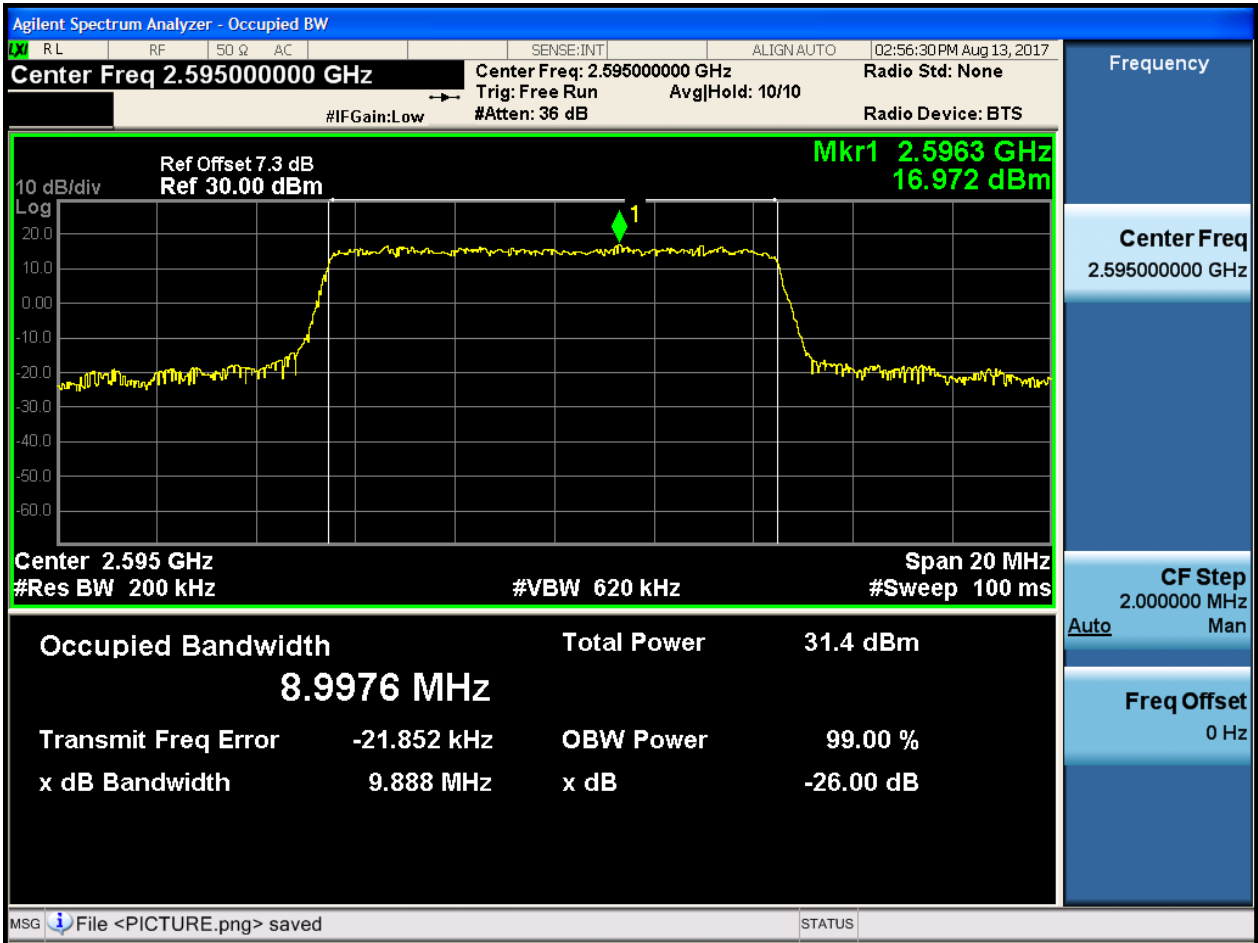
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0



4.1.1.1.2.2 Test Channel = MCH

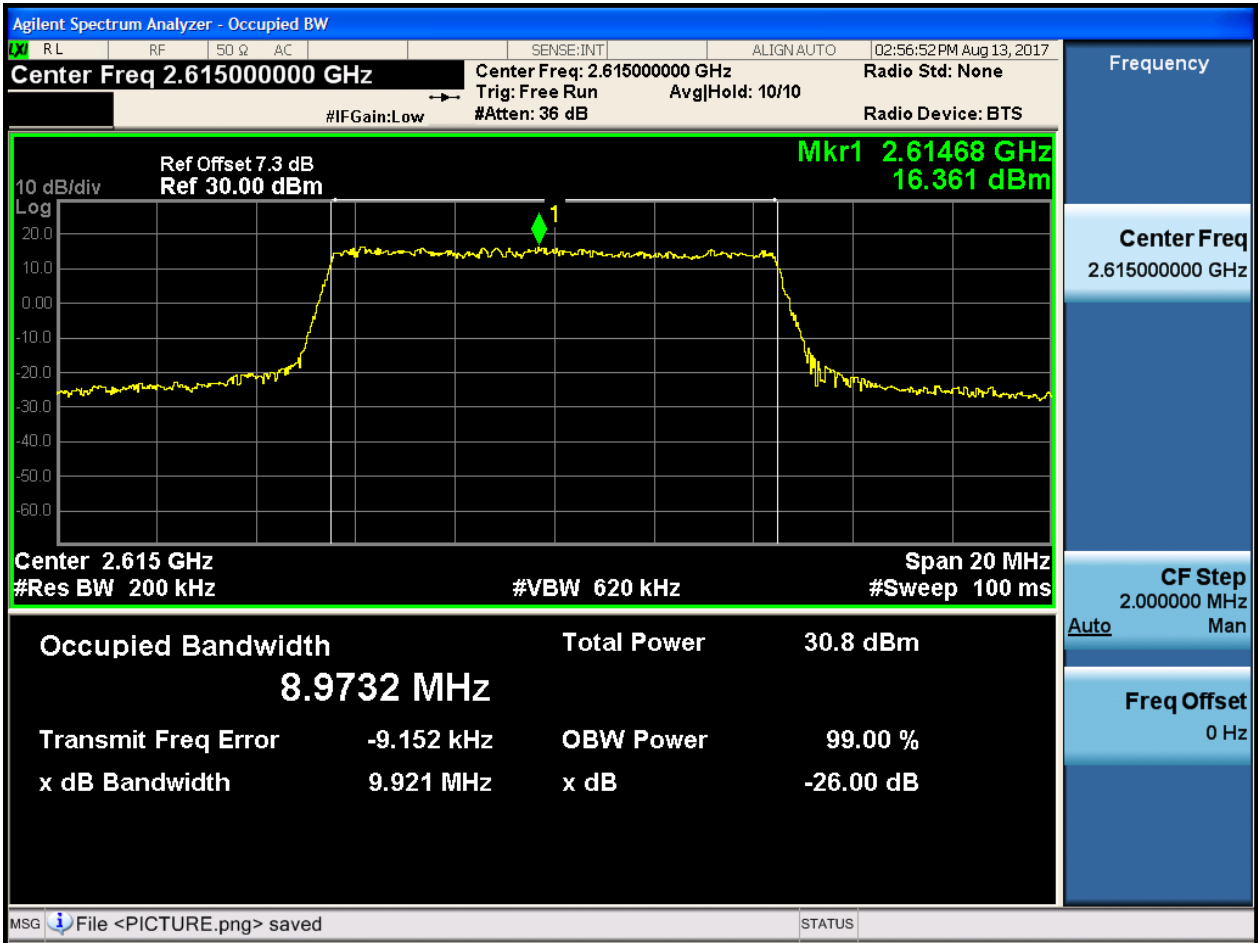
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0



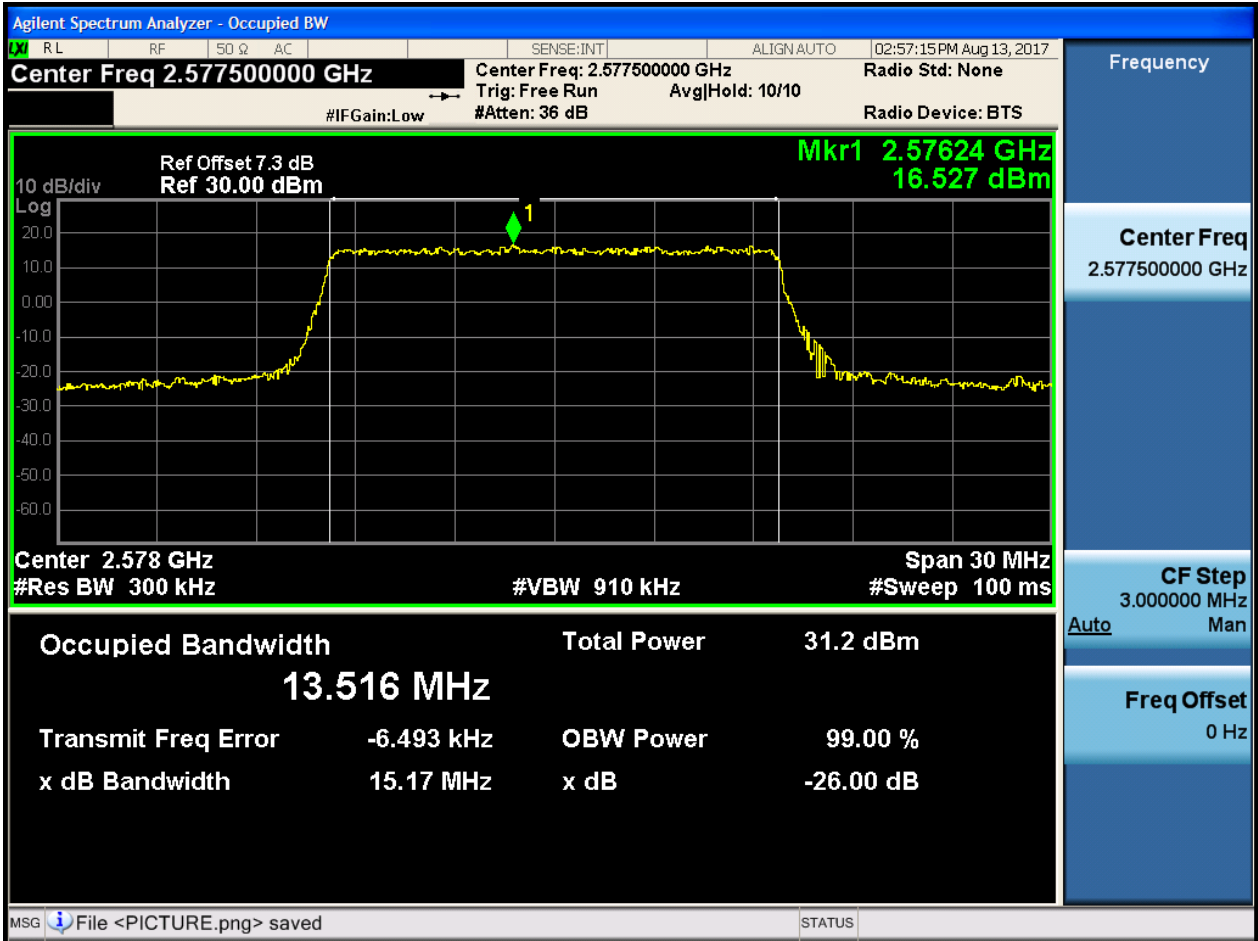




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0

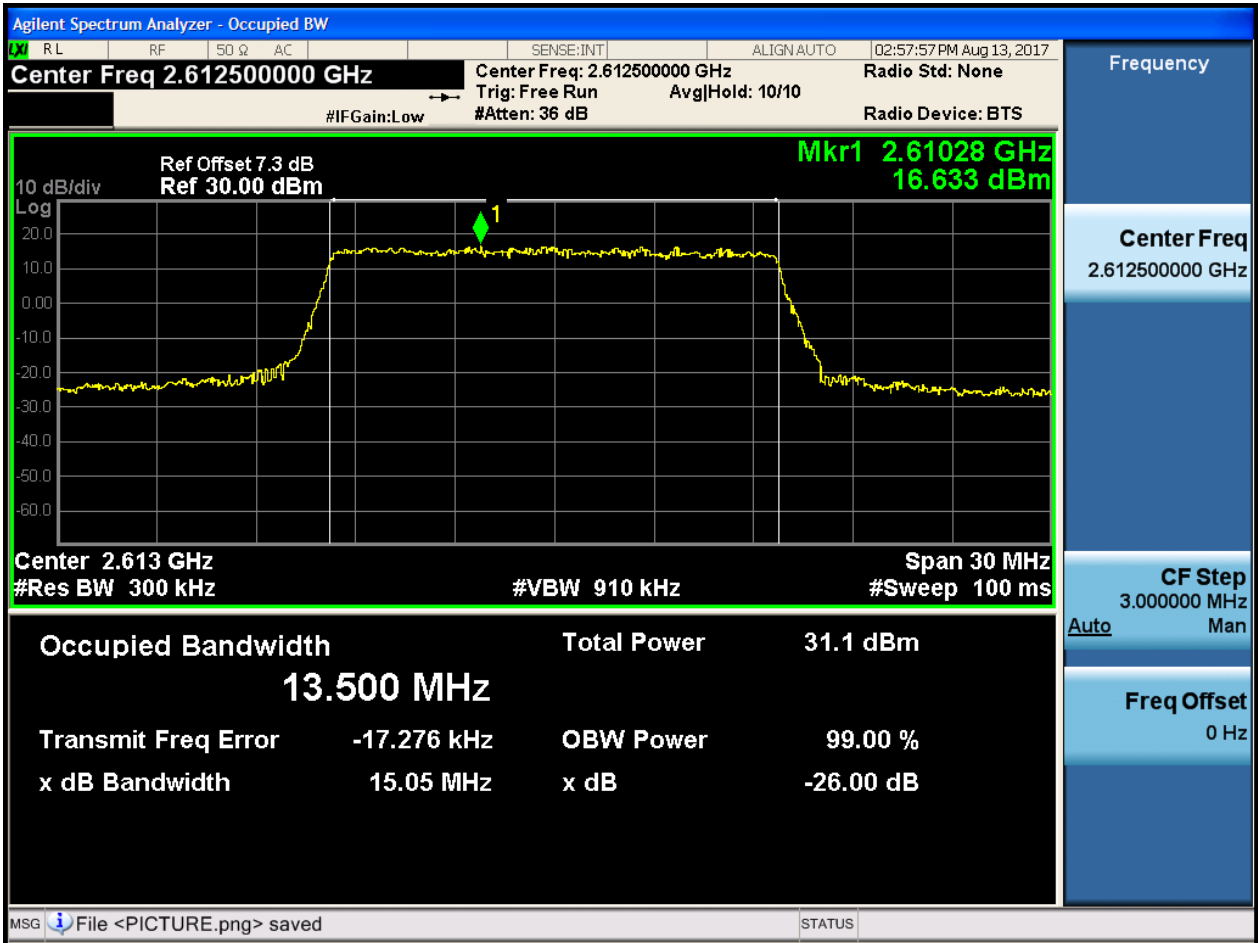






4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

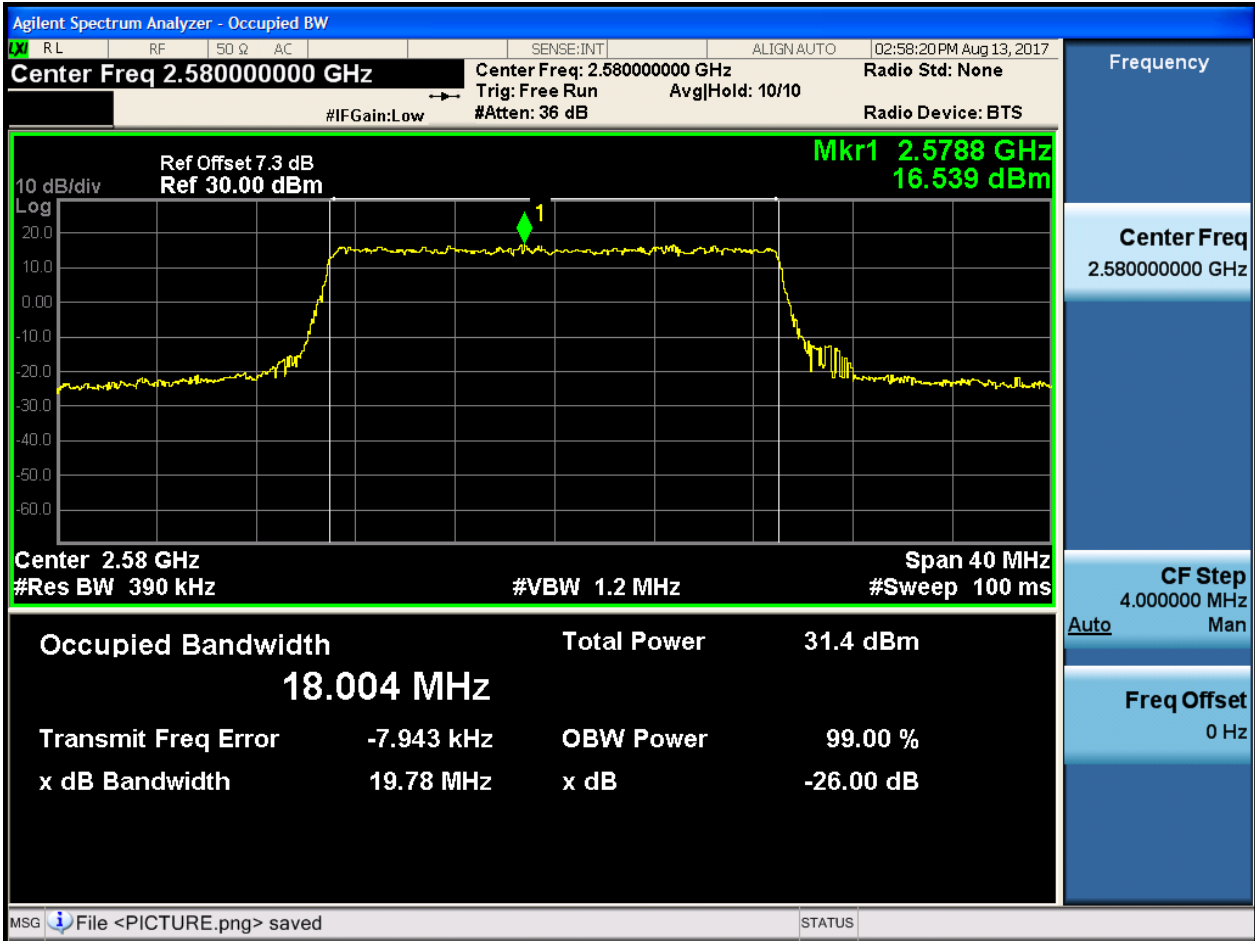




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

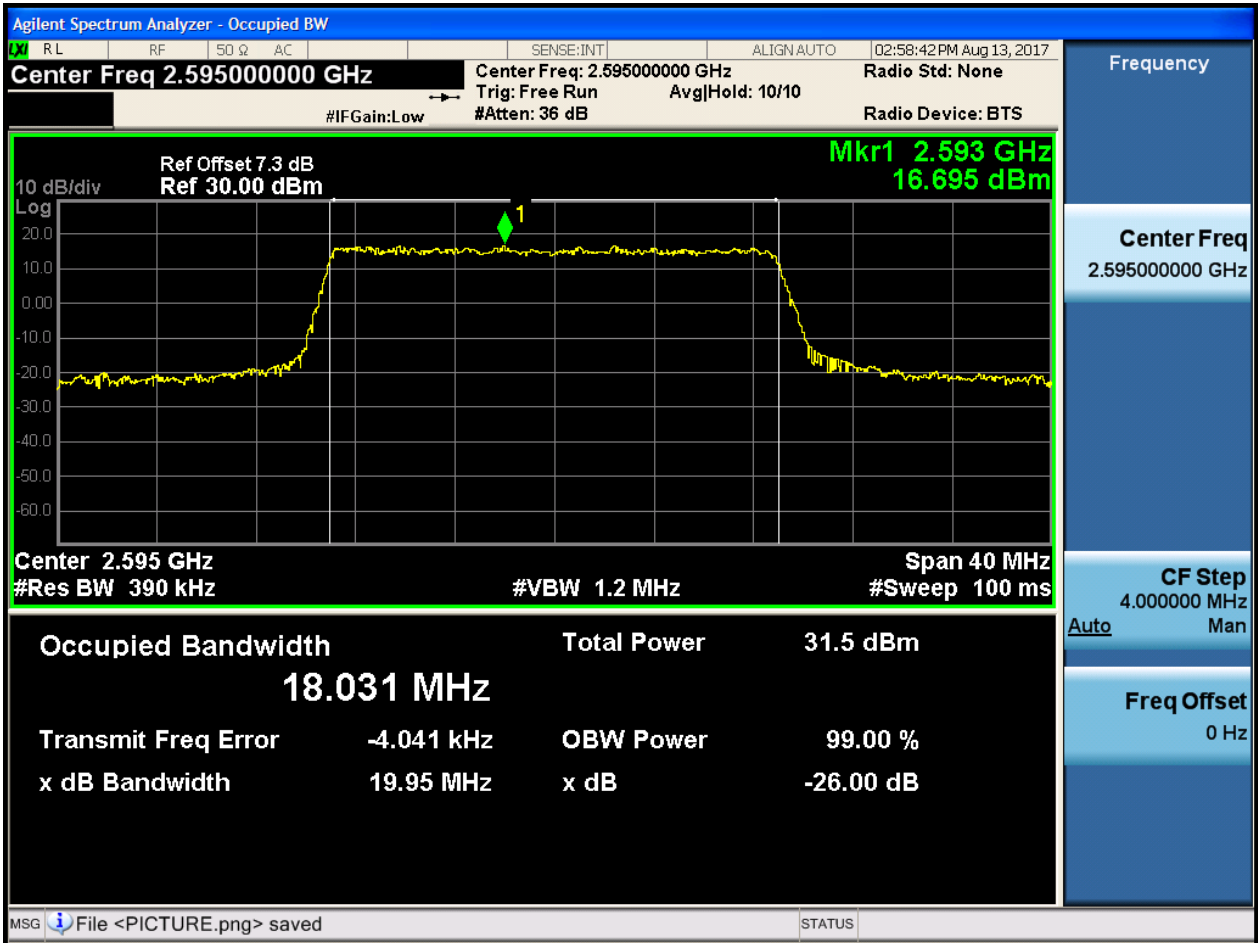
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

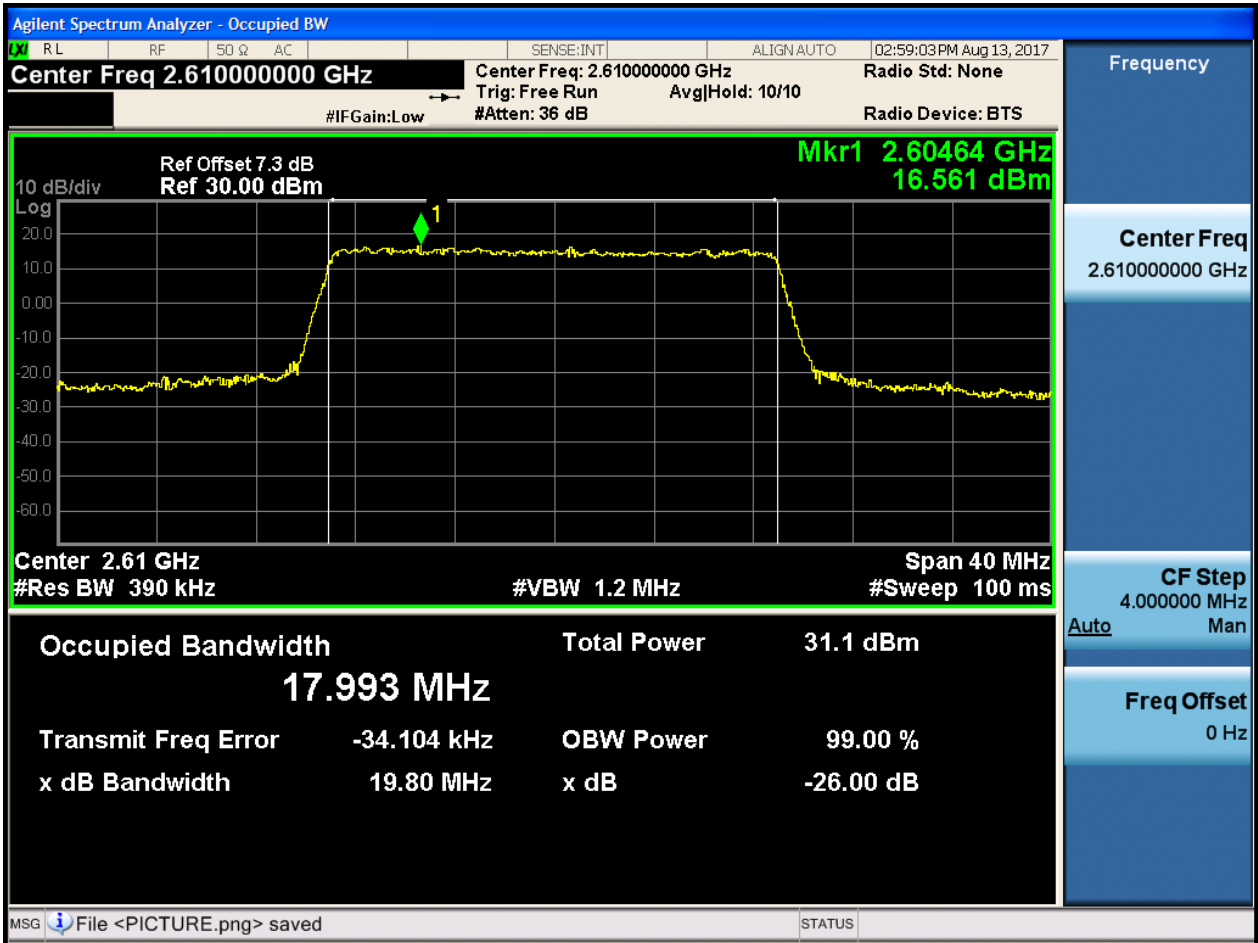
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



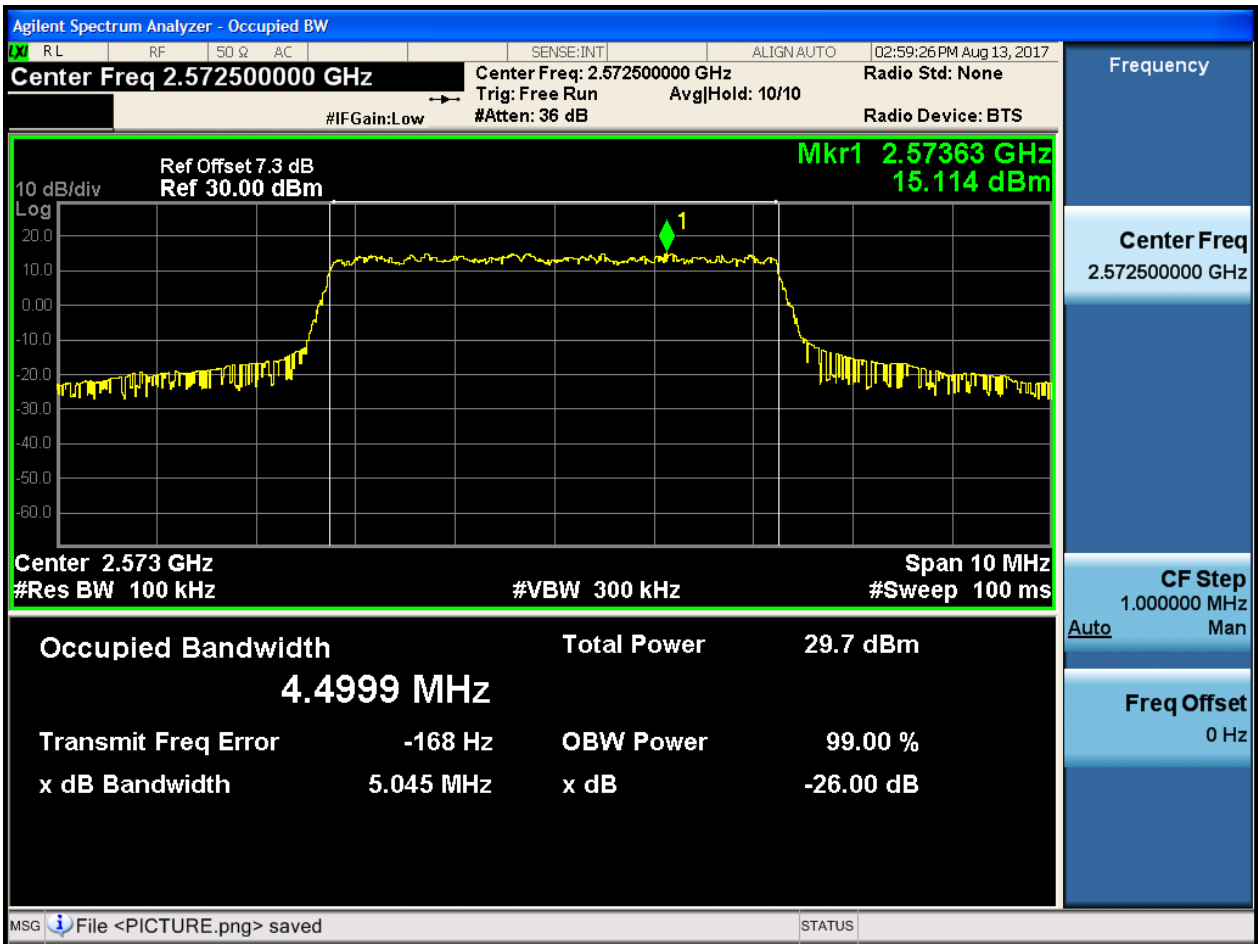


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

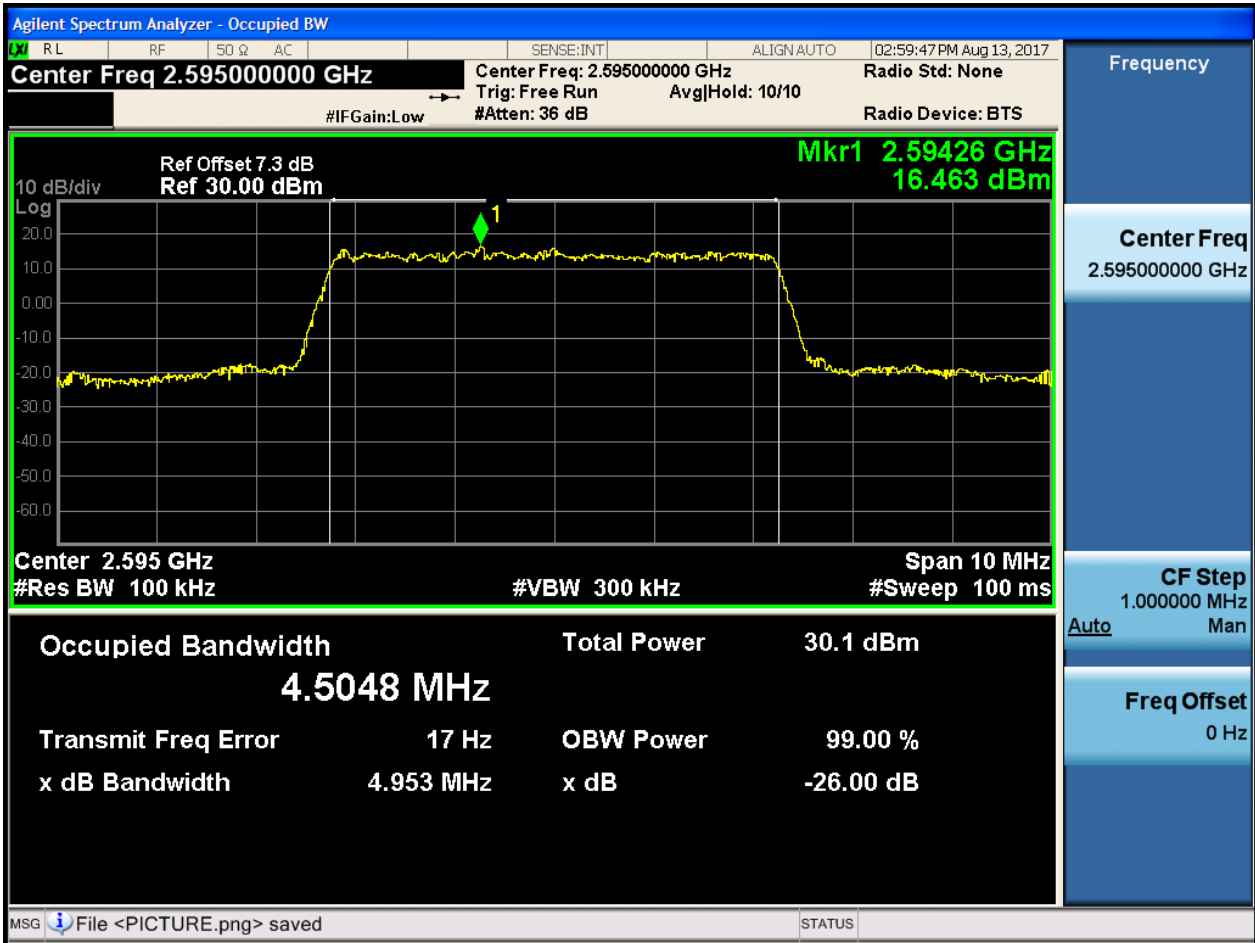
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

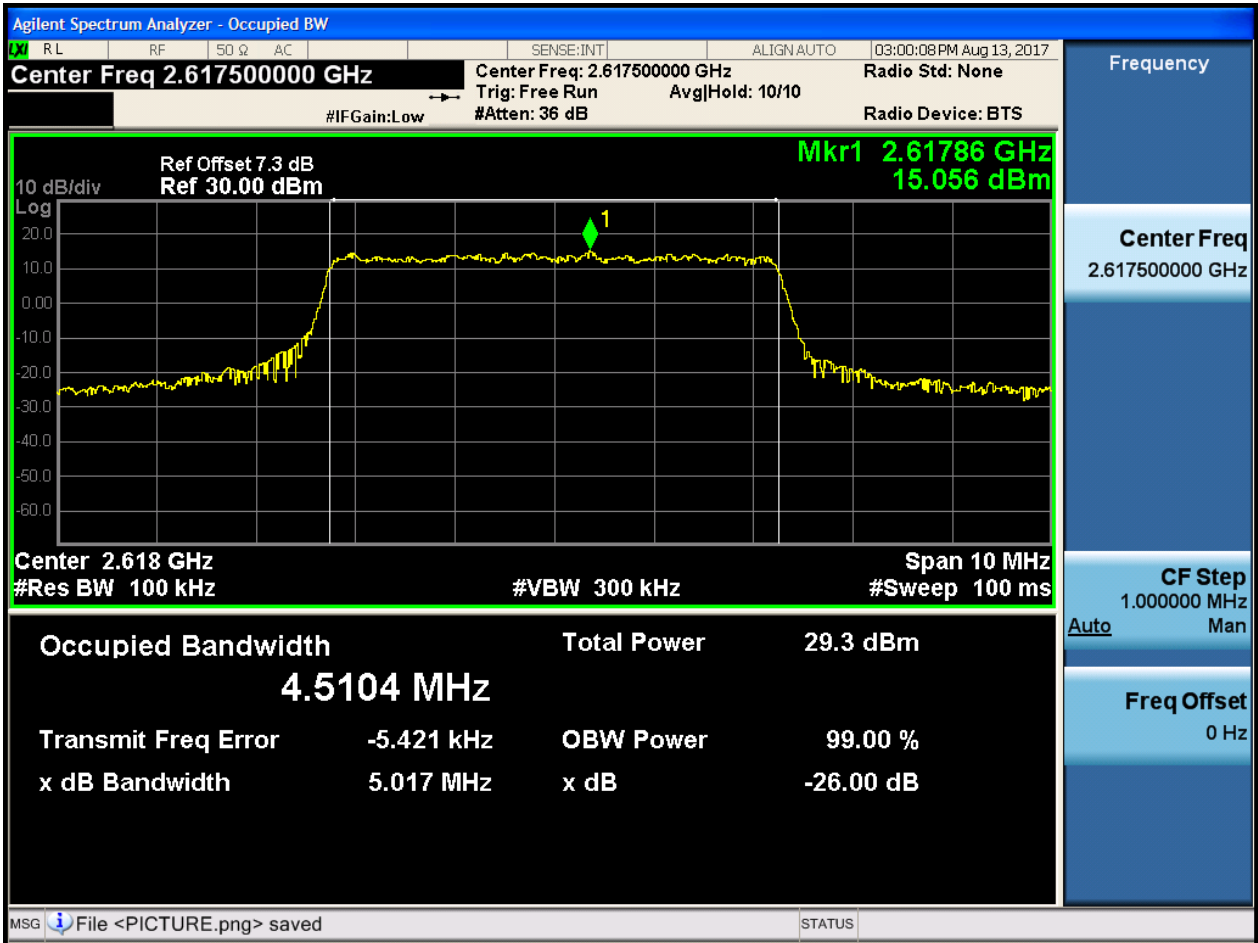
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

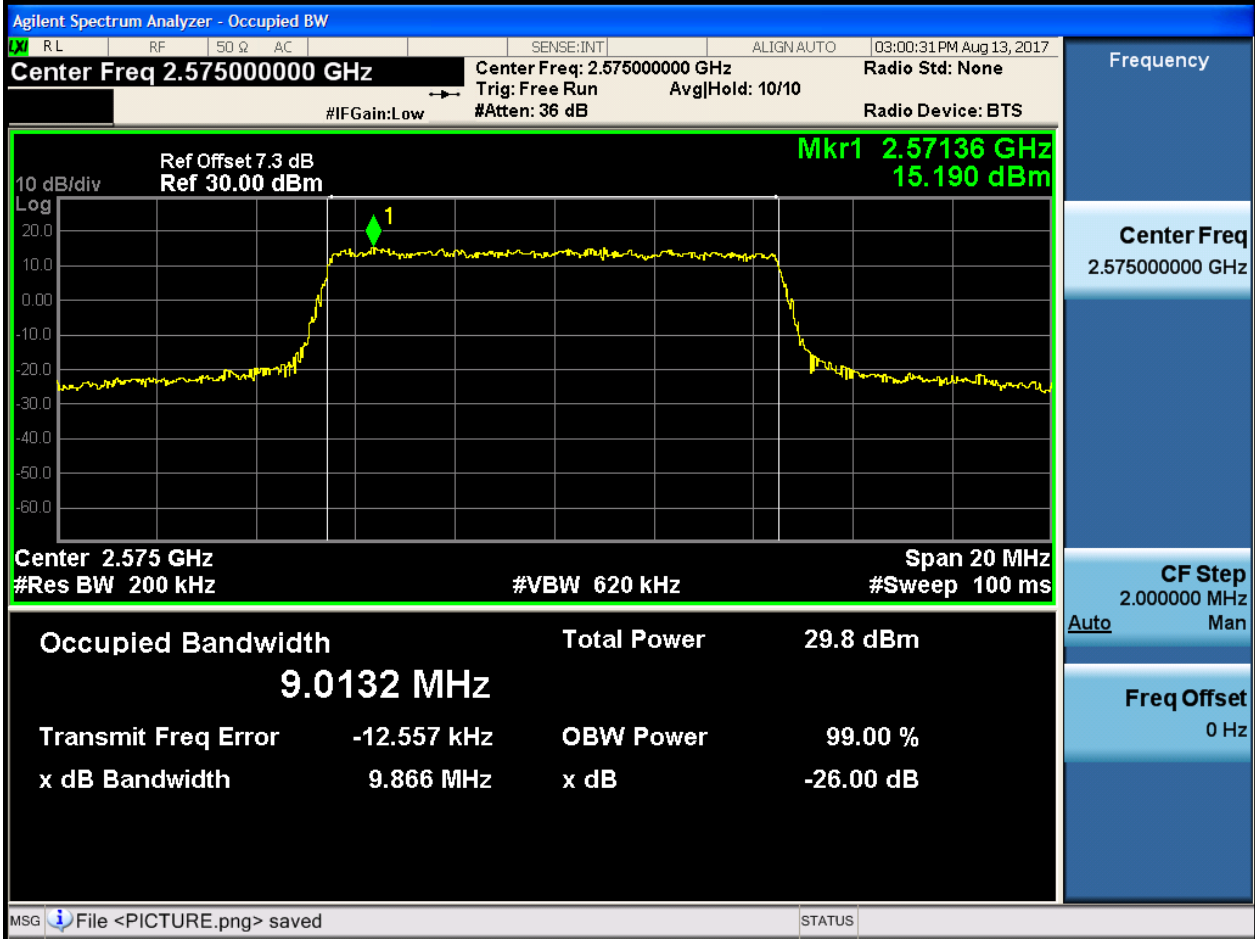




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

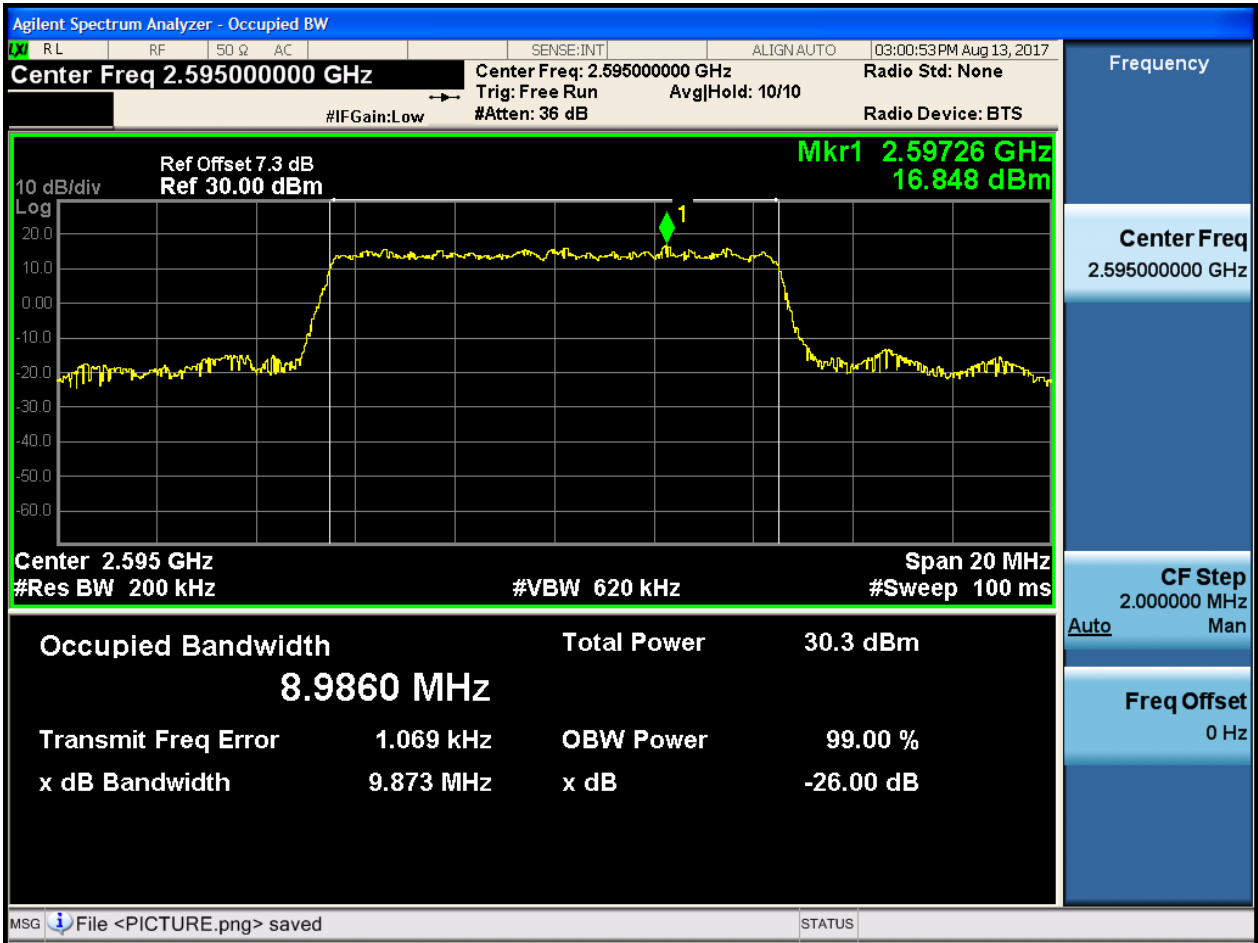
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

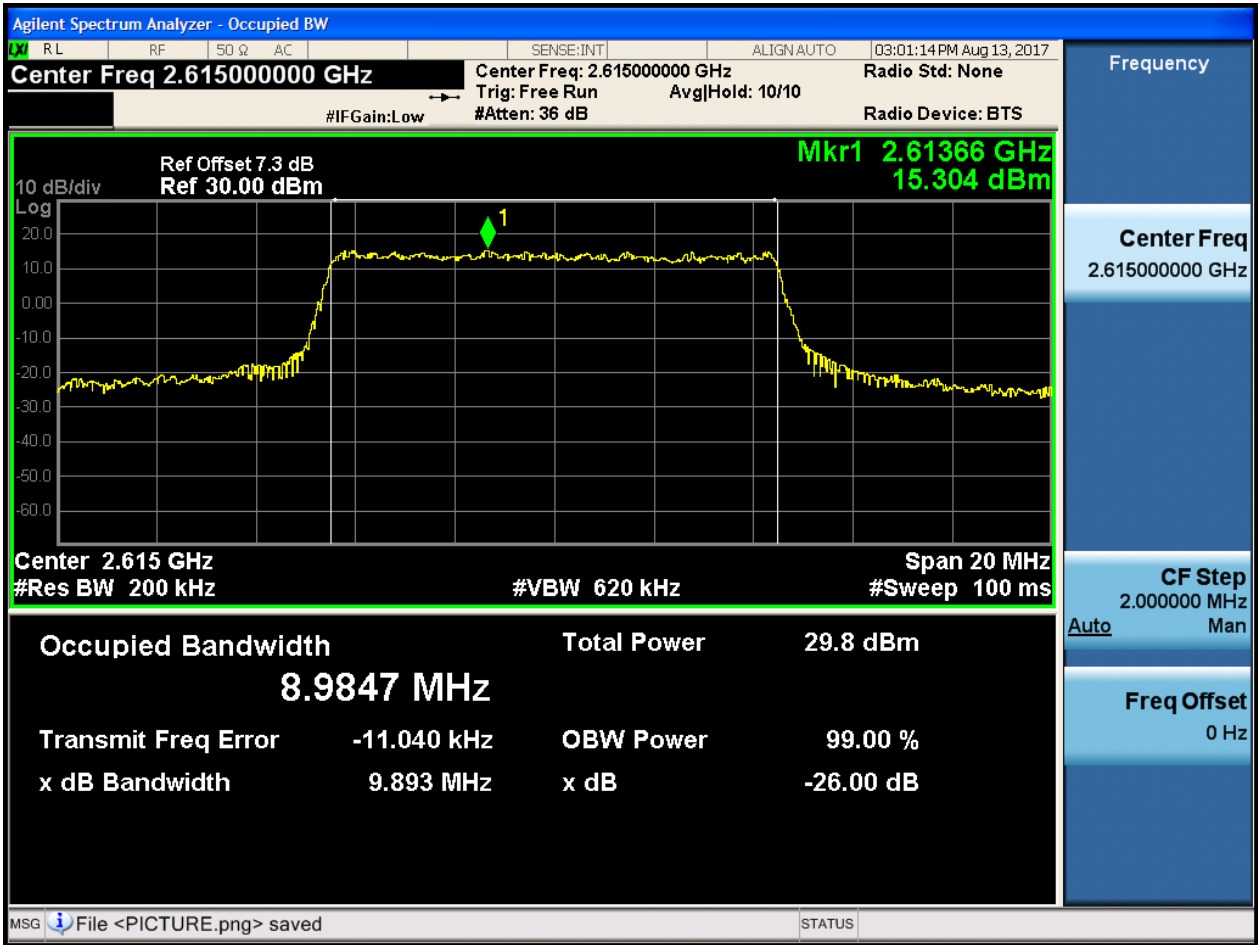
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

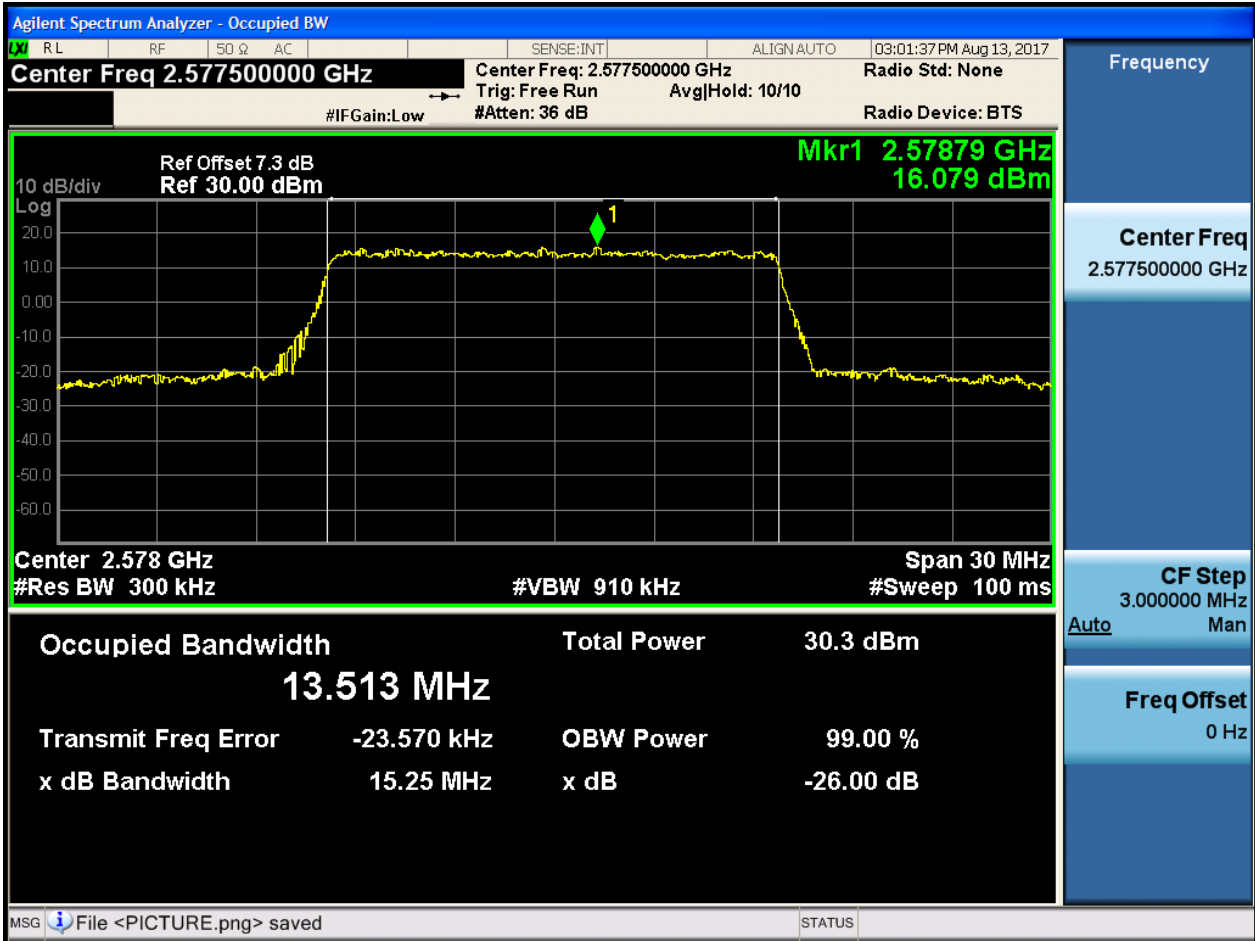




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

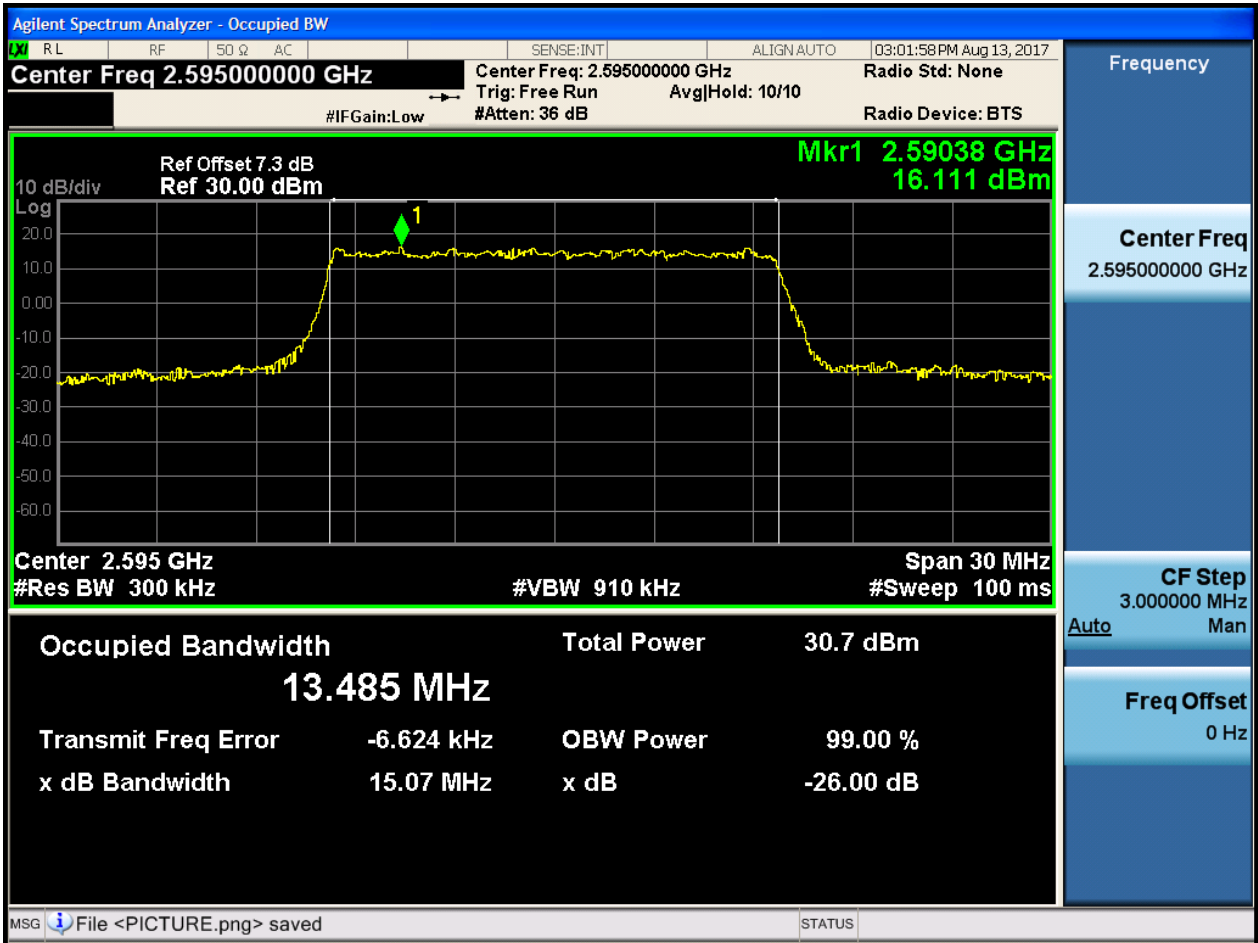
4.1.1.2.3.1.1 Test RB = RB75#0





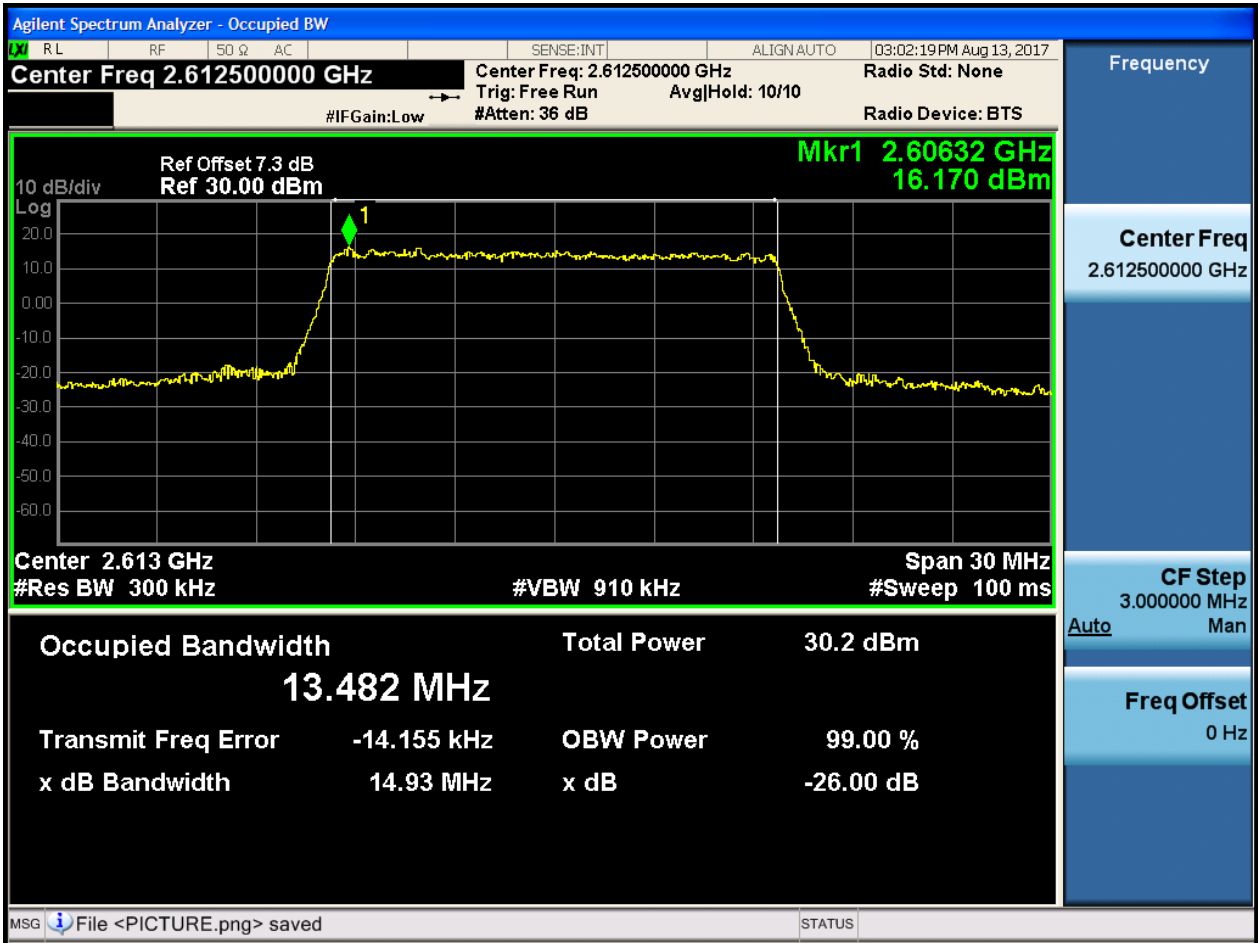
4.1.1.2.3.2 Test Channel = MCH

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

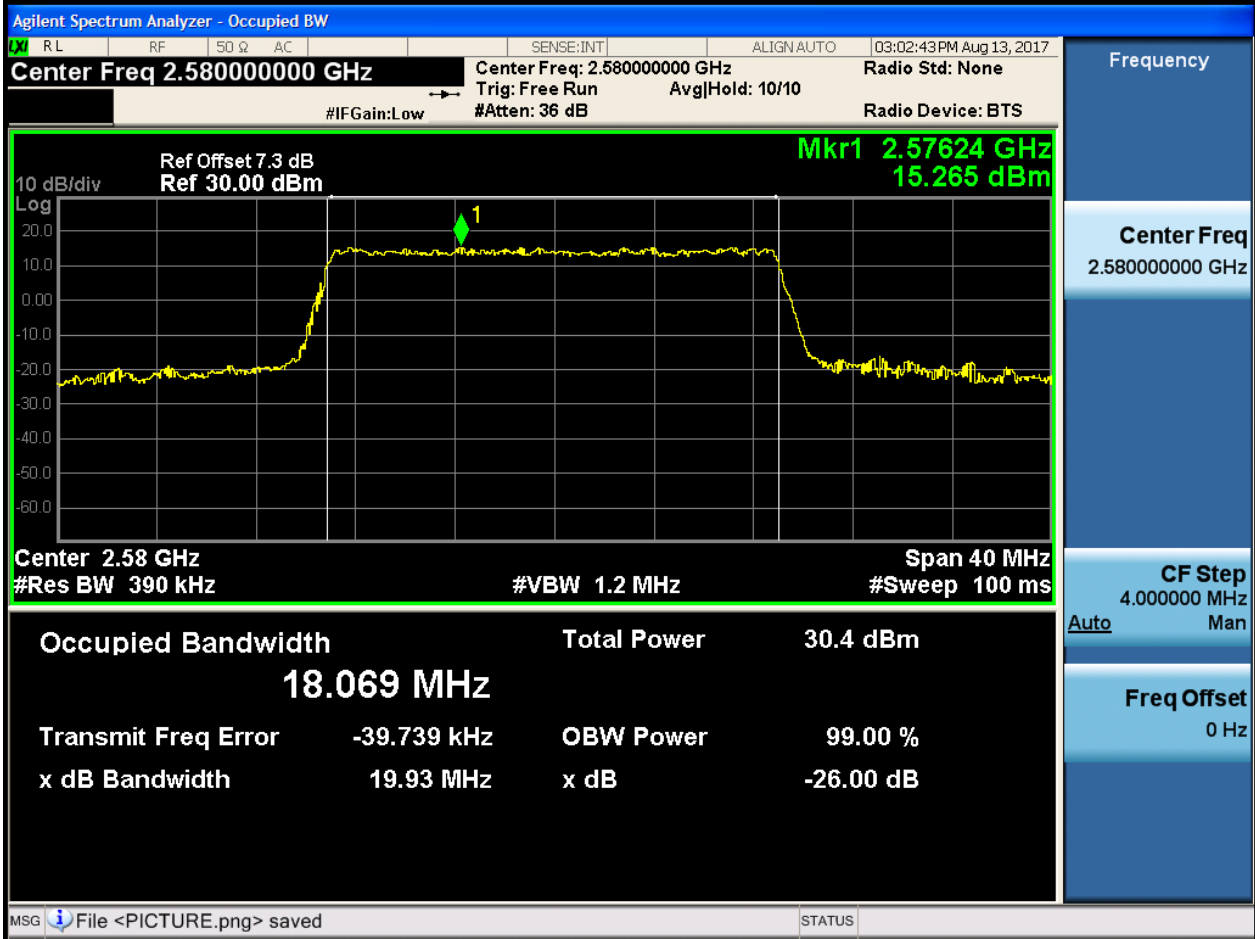




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0

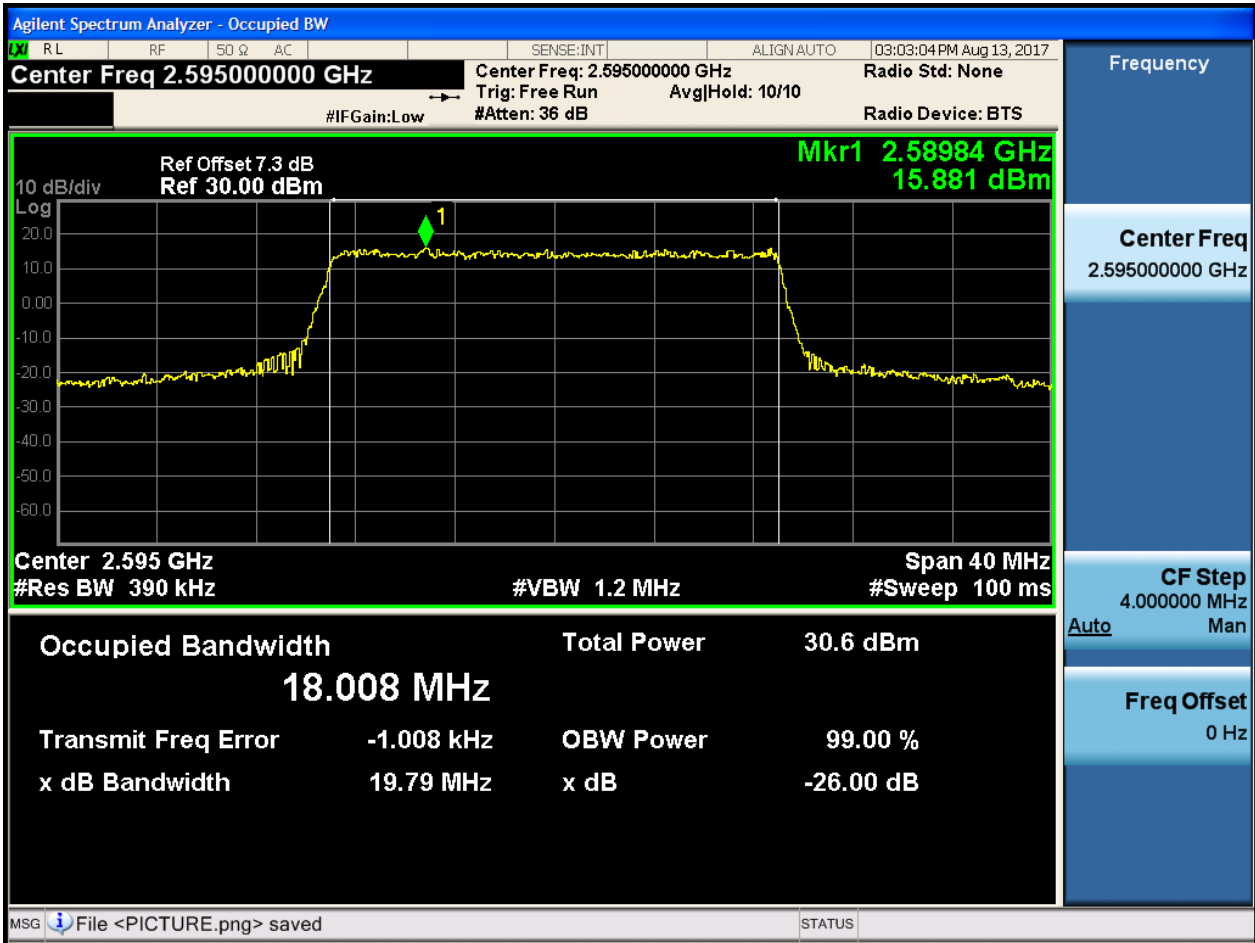






4.1.1.2.4.2 Test Channel = MCH

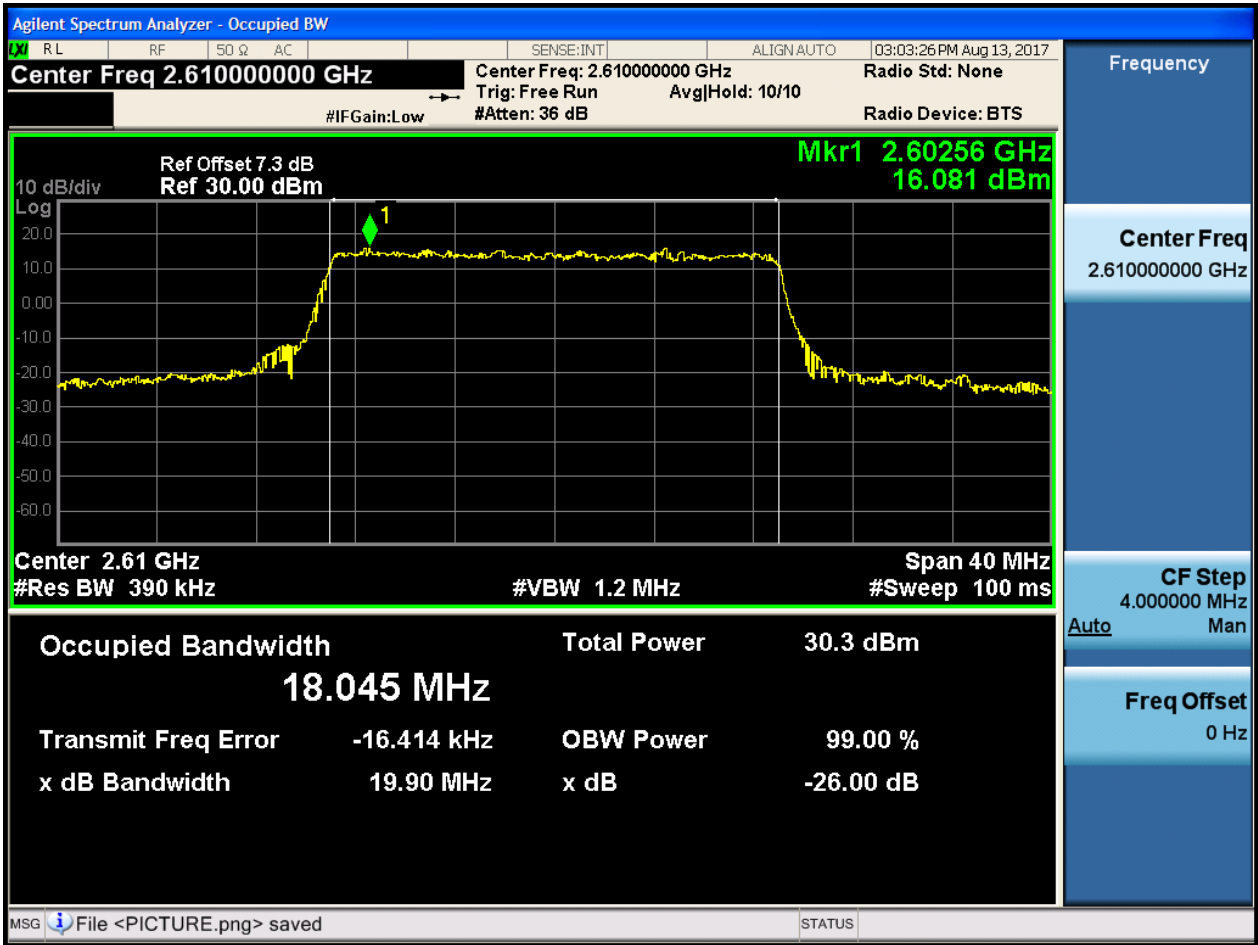
4.1.1.2.4.2.1 Test RB = RB100#0





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

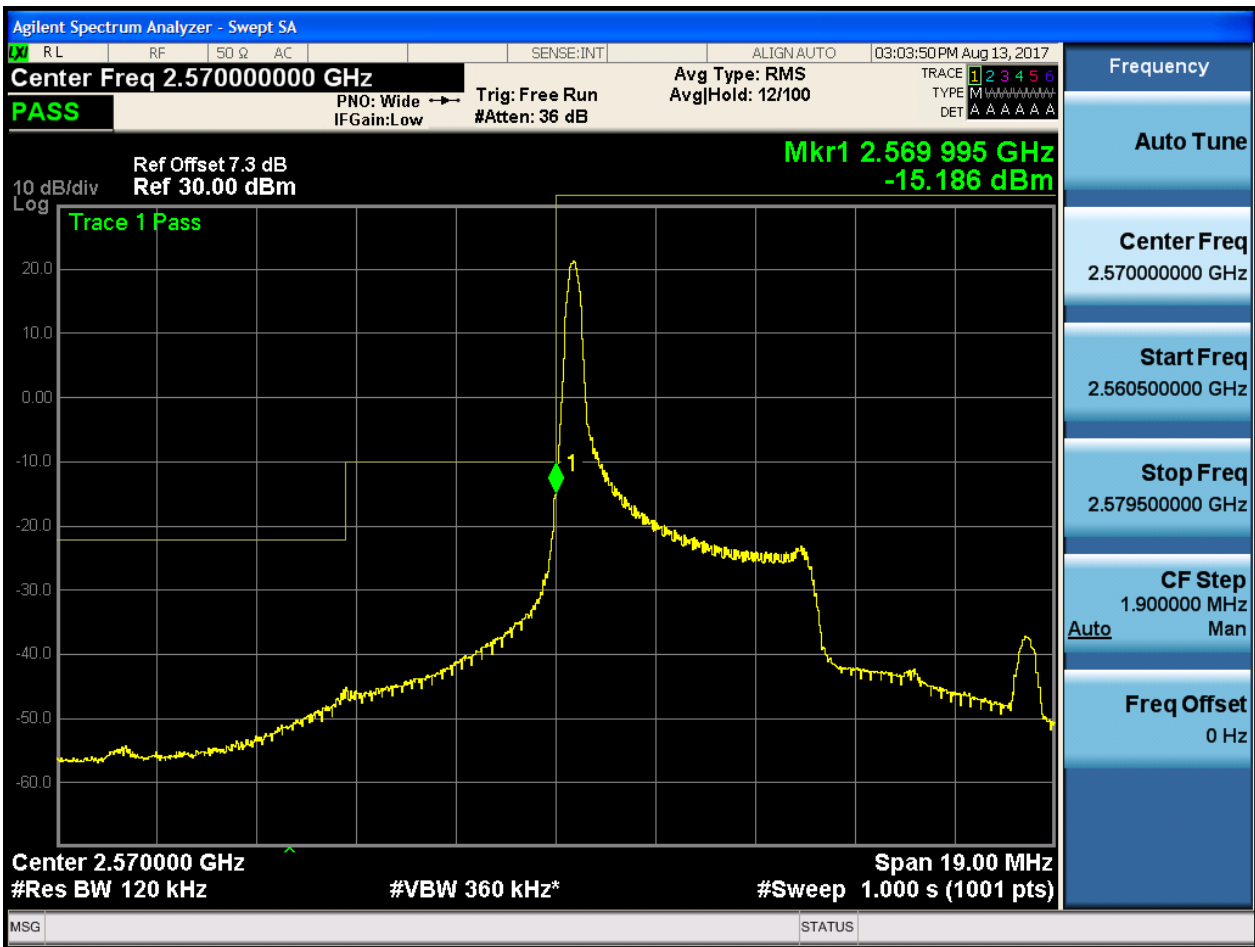
#### 5.1.1 Test Band = BAND38

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

##### 5.1.1.1.1 Test Bandwidth = 5

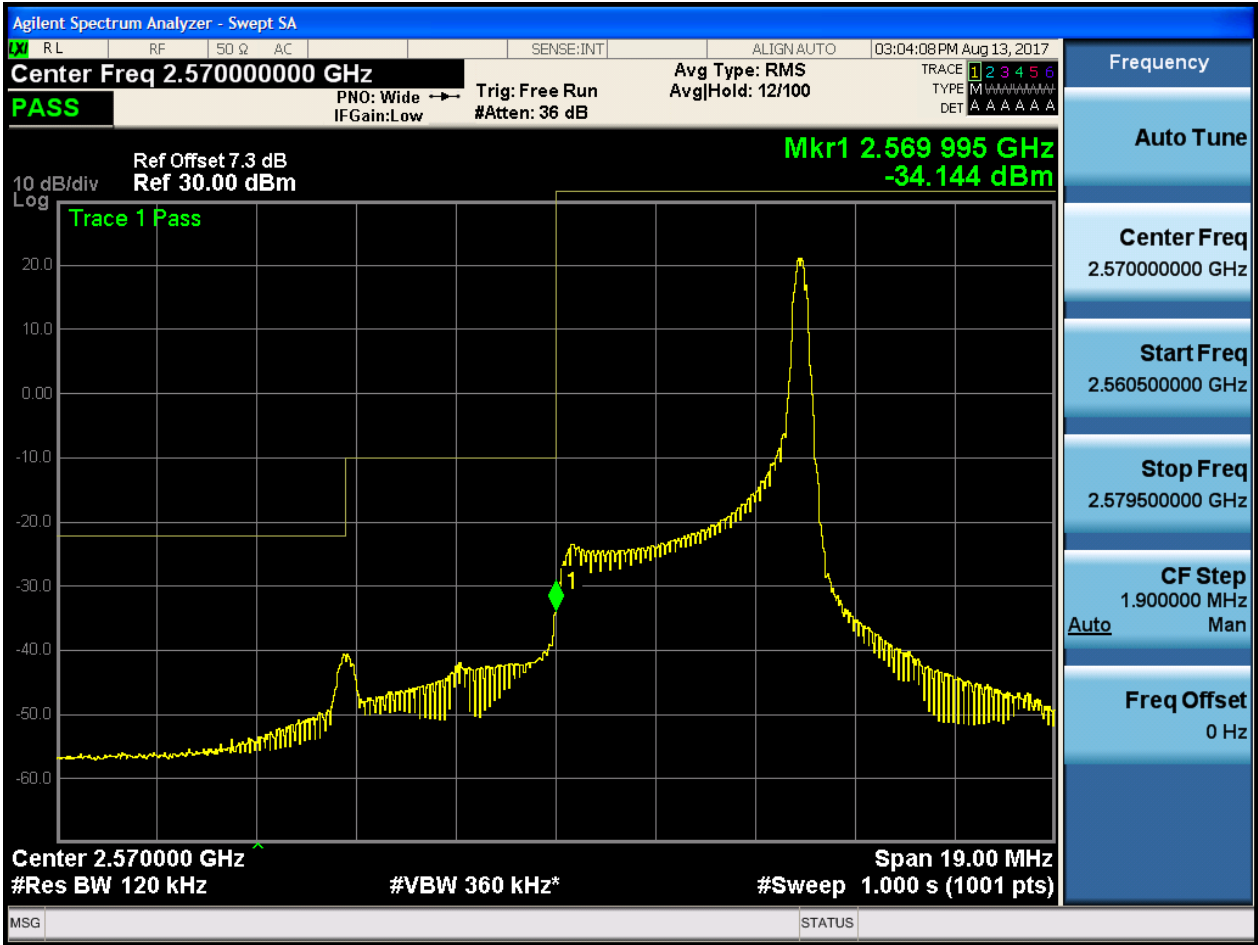
##### 5.1.1.1.1.1 Test Channel = LCH

##### 5.1.1.1.1.1.1 Test RB = RB1#0



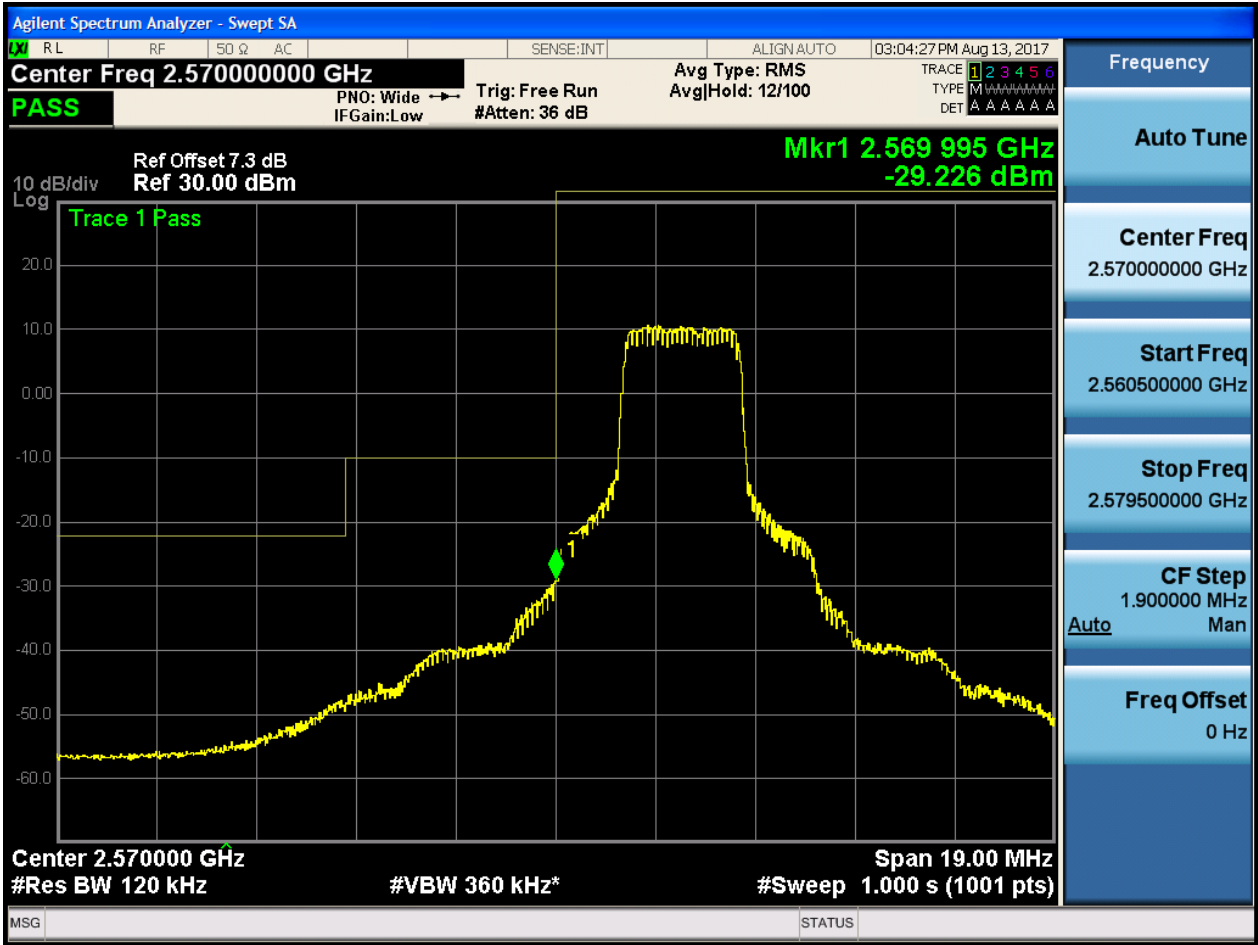


5.1.1.1.1.2 Test RB = RB1#24



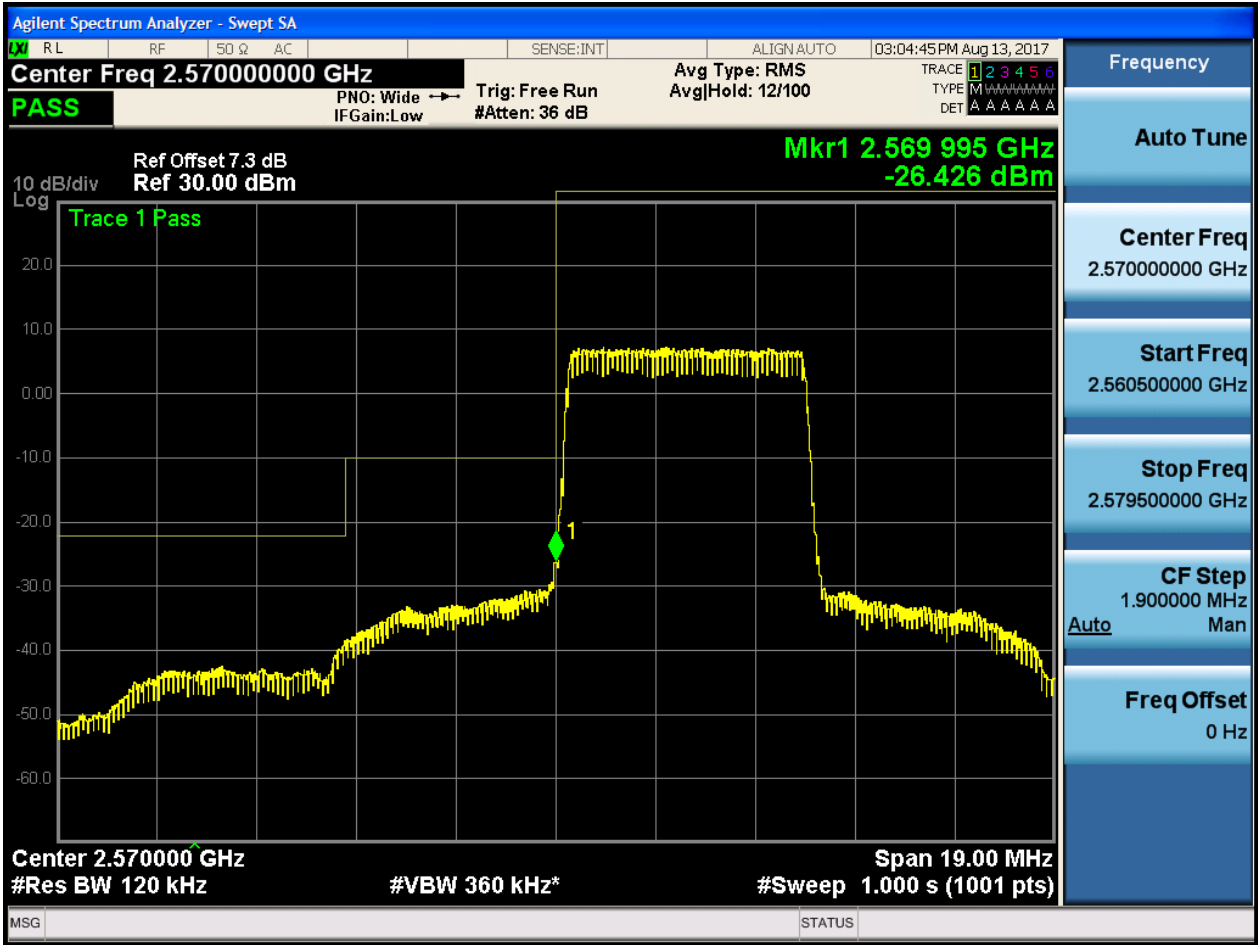


5.1.1.1.1.3 Test RB = RB12#6





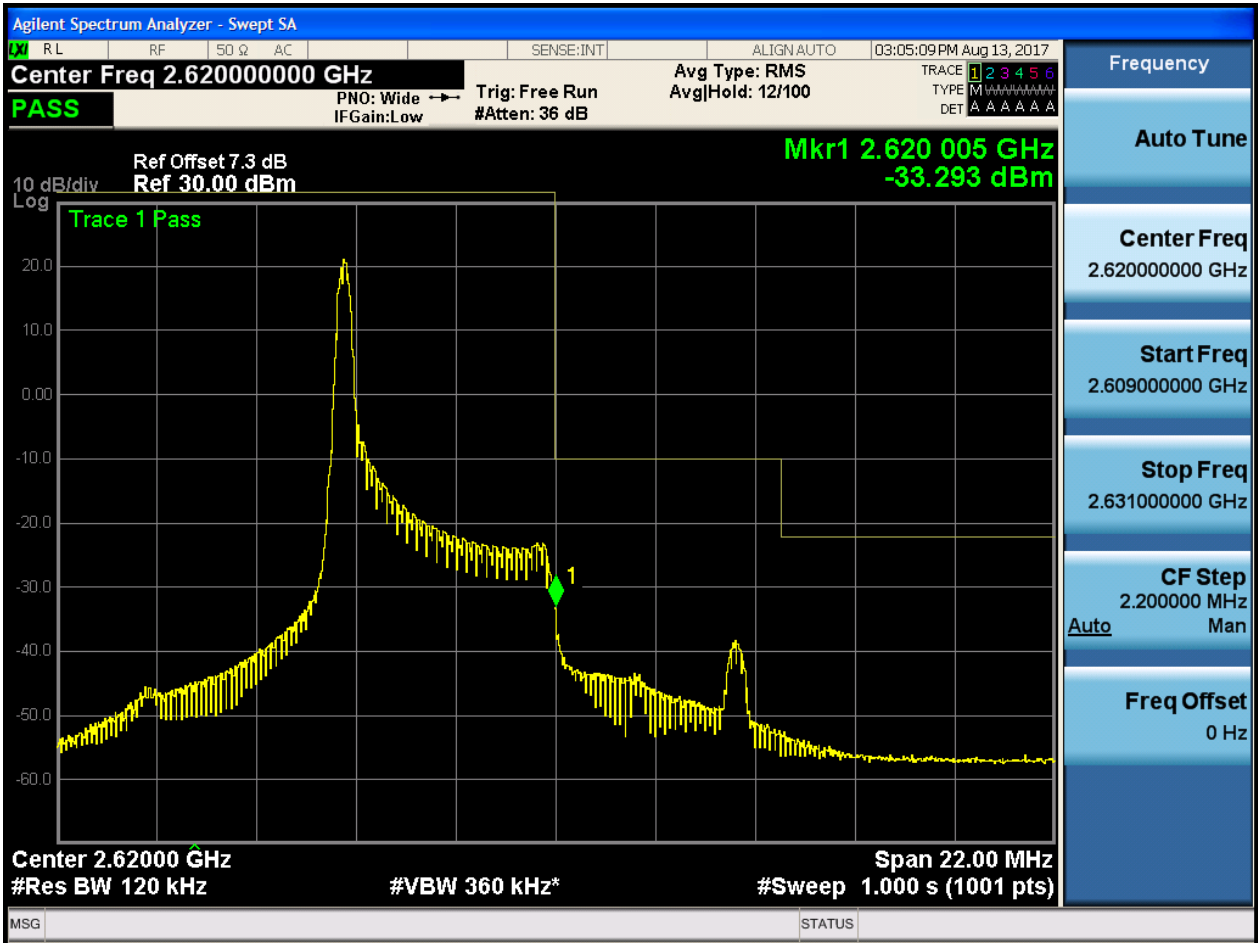
5.1.1.1.1.4 Test RB = RB25#0





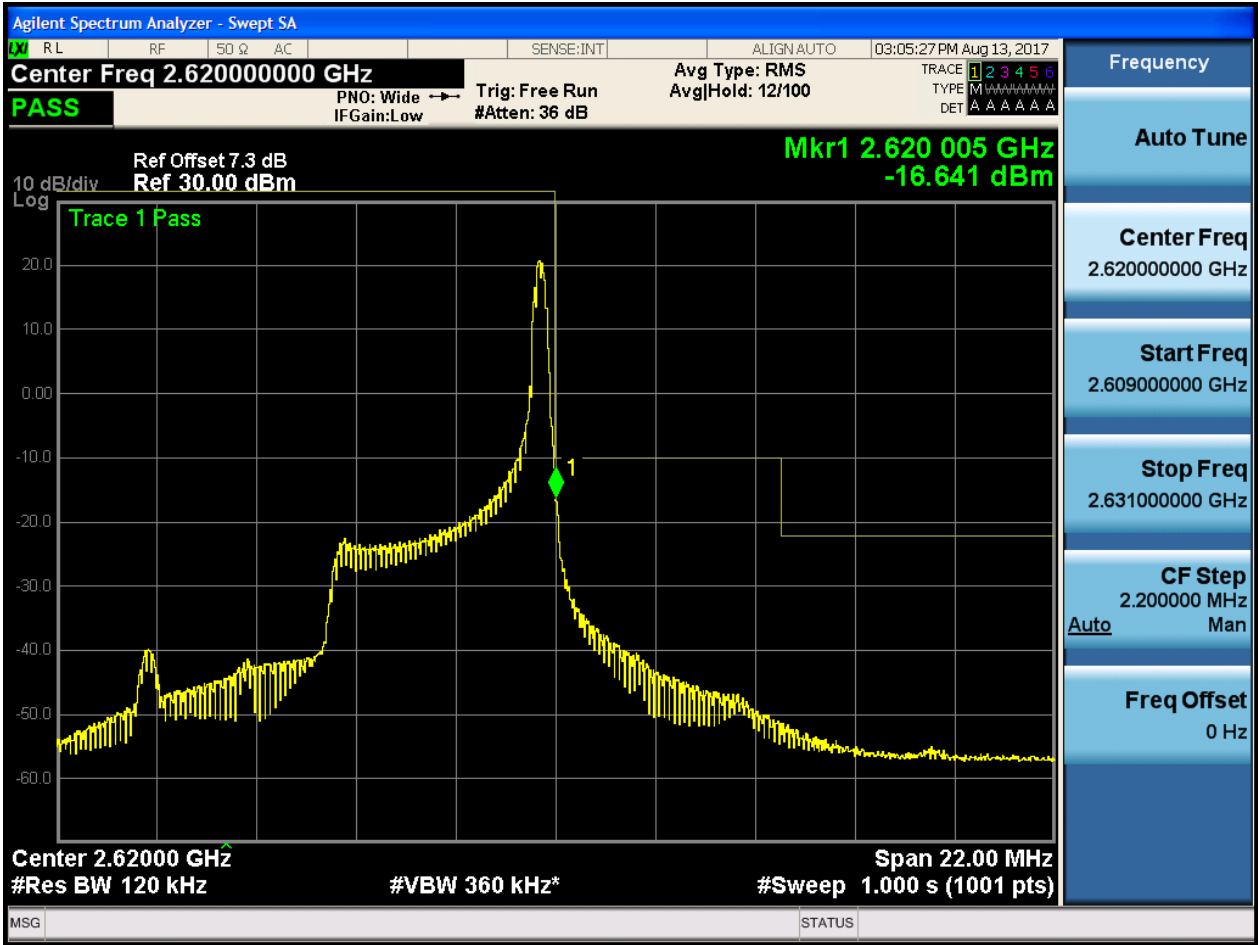
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





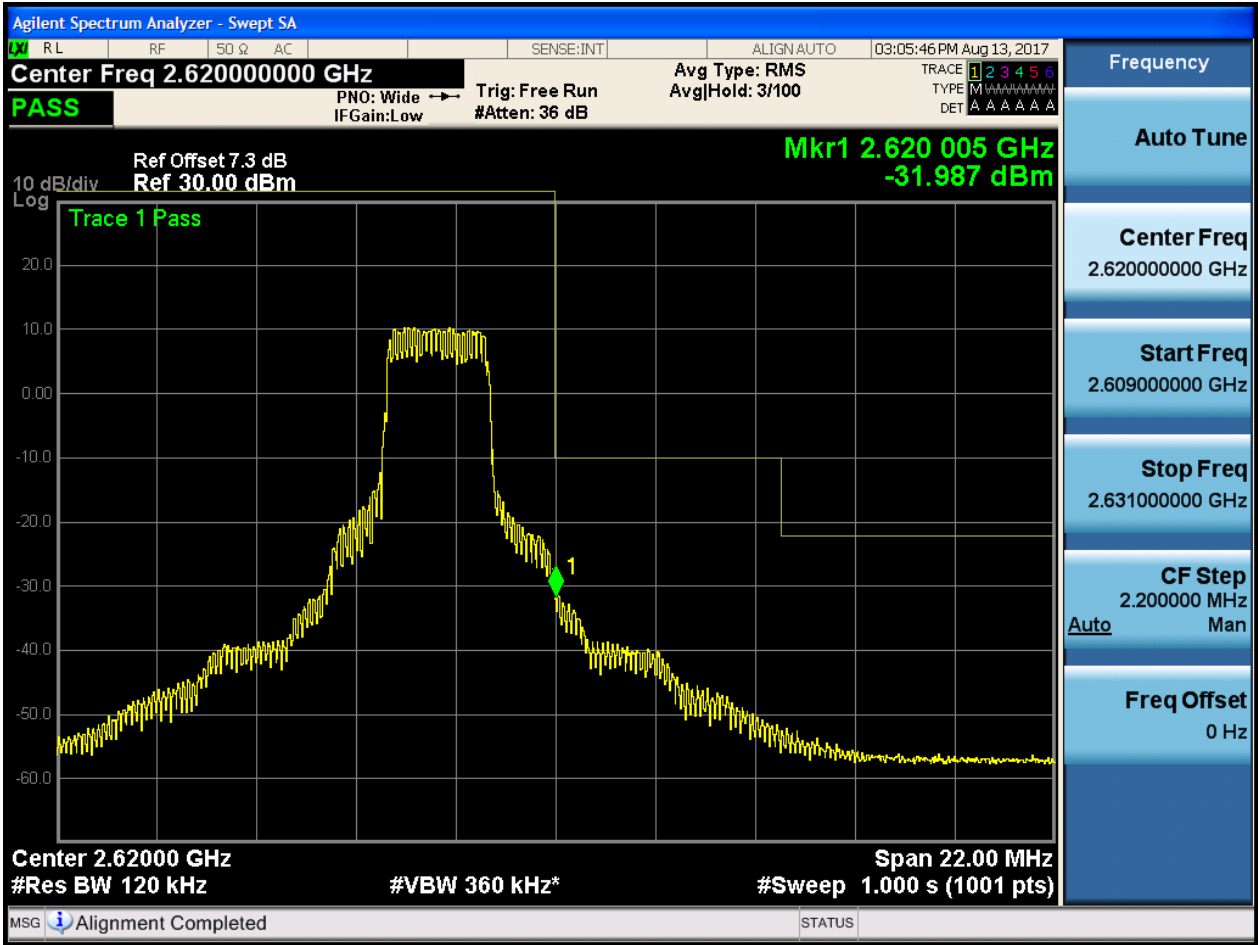
5.1.1.1.1.2.2 Test RB = RB1#24







5.1.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.1.2.4 Test RB = RB25#0

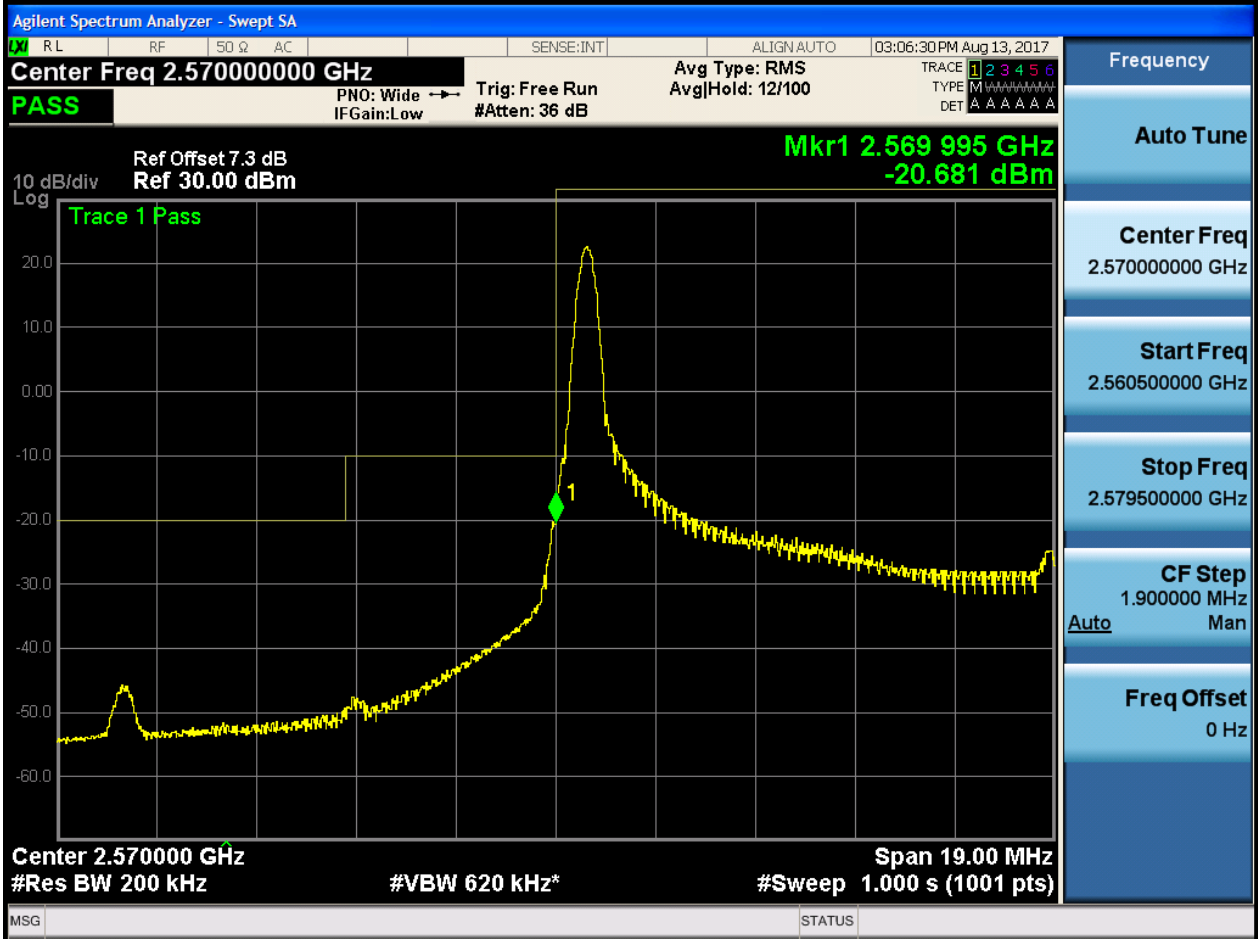




5.1.1.1.2 Test Bandwidth = 10

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



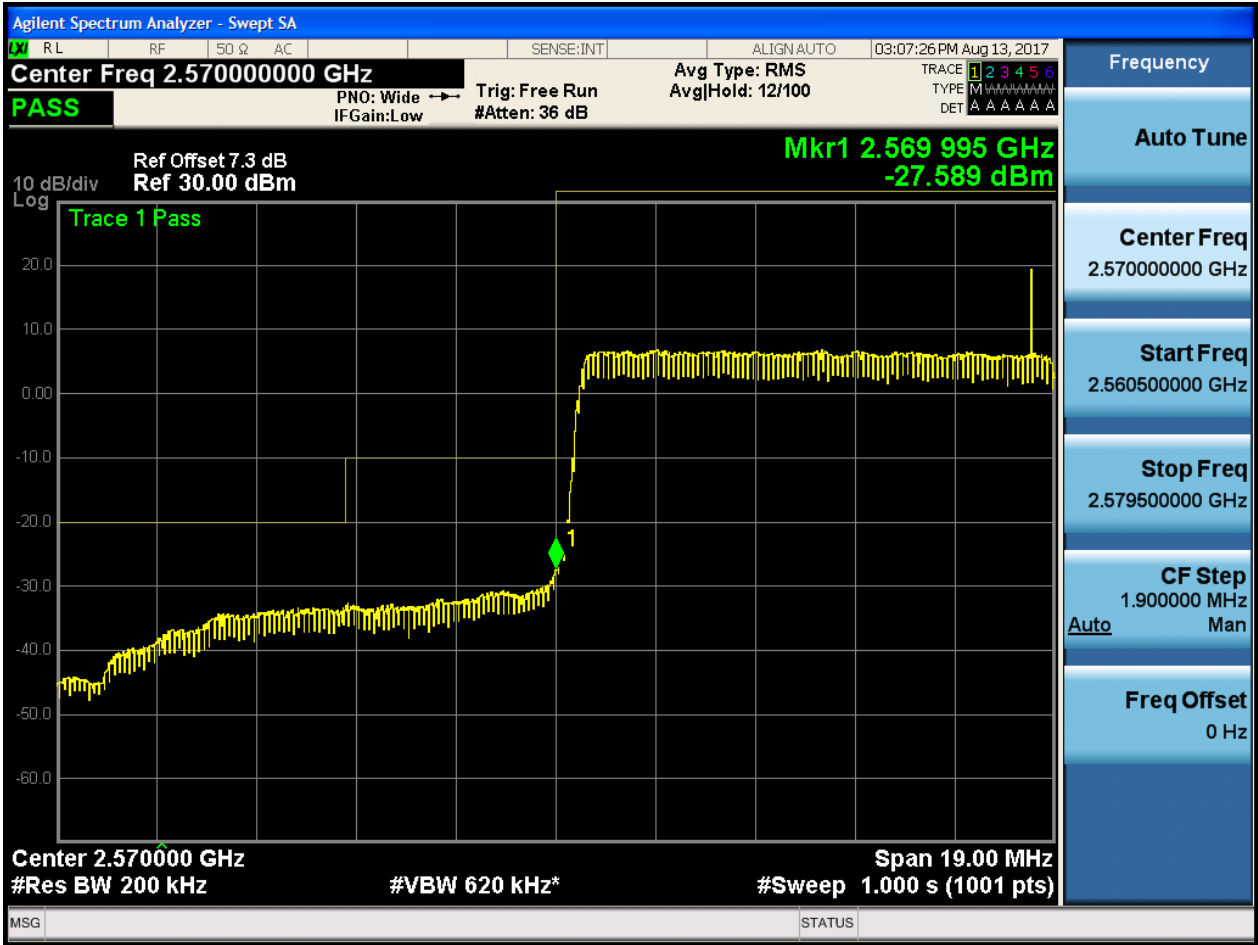


5.1.1.1.2.1.3 Test RB = RB25#13





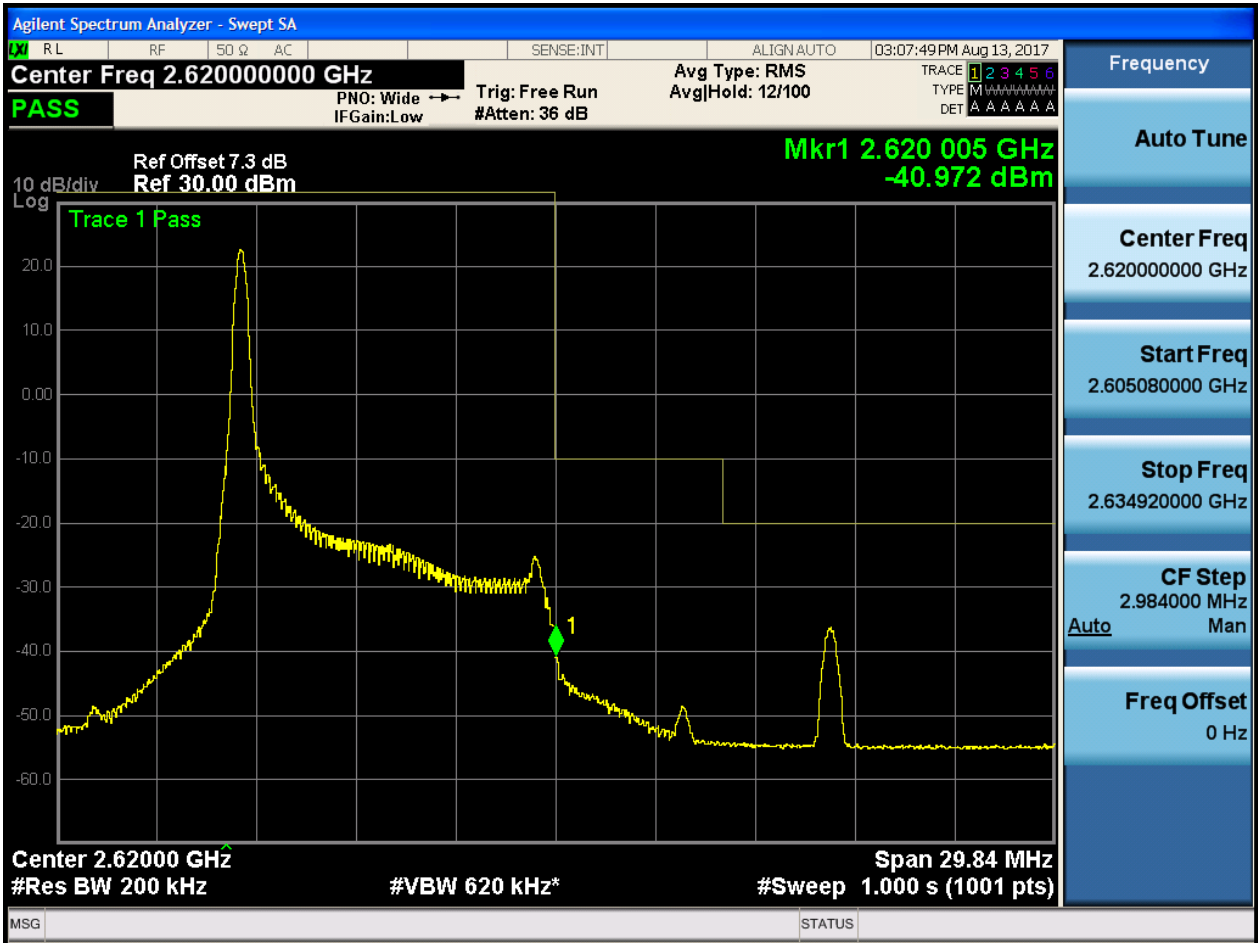
5.1.1.1.2.1.4 Test RB = RB50#0





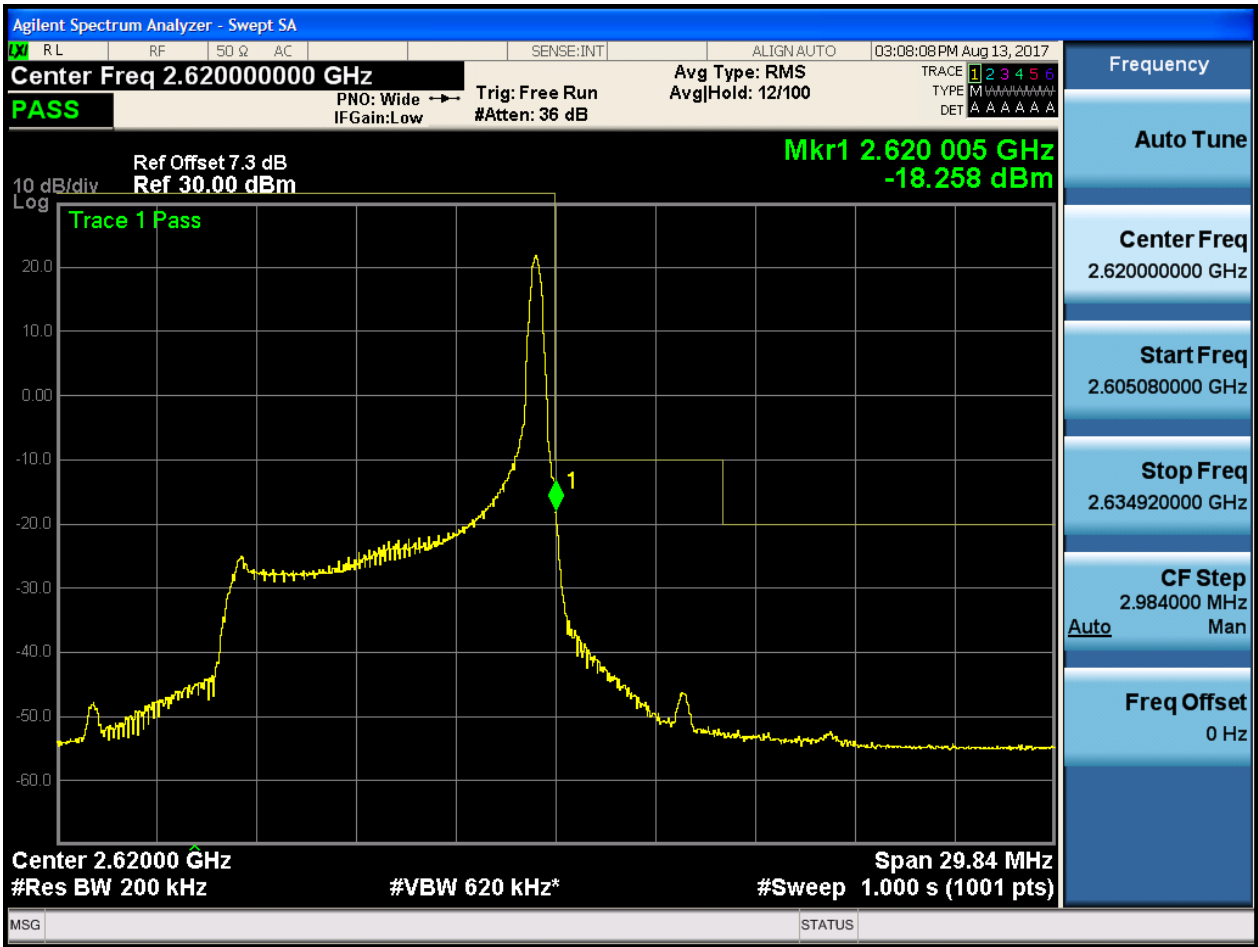
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





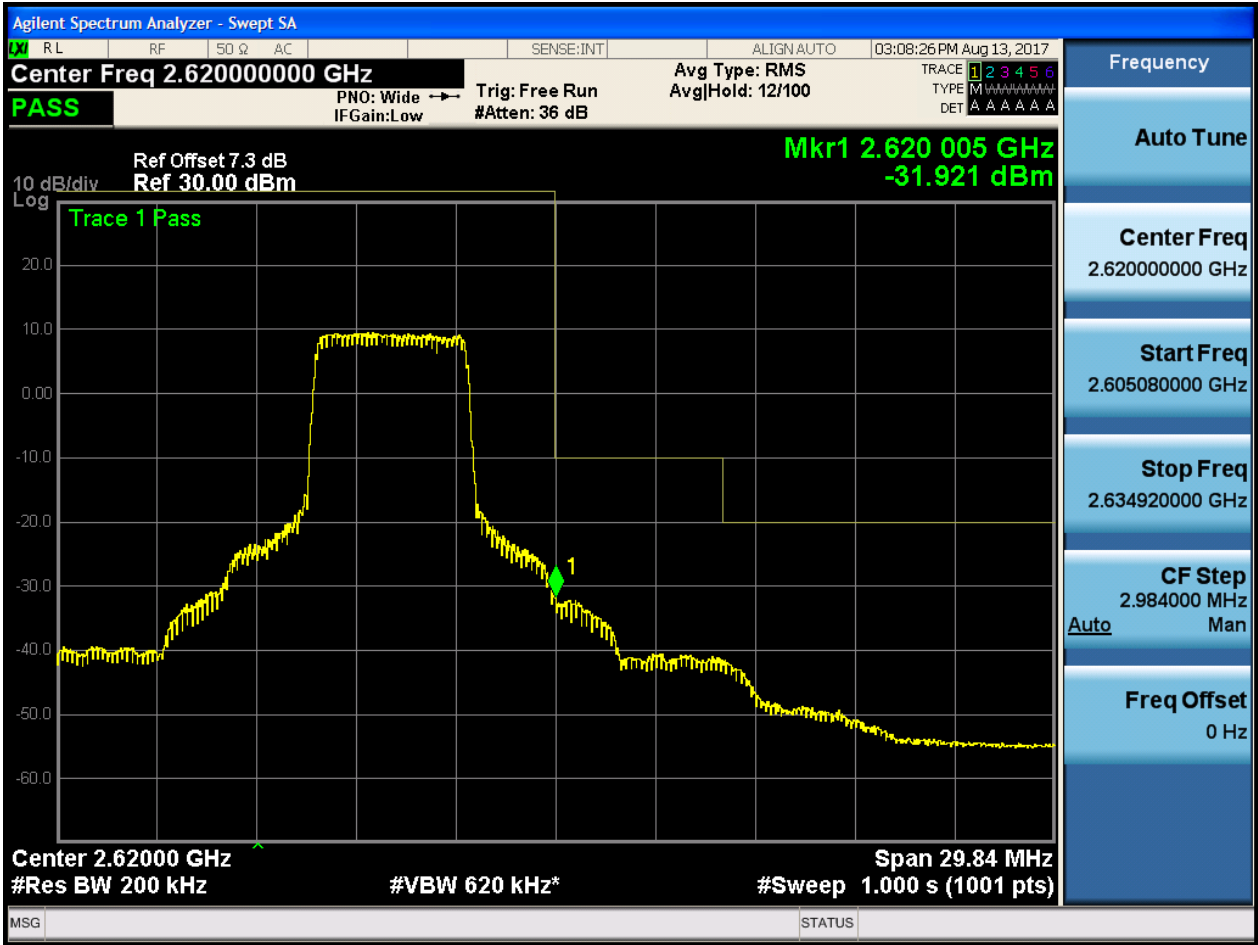
5.1.1.1.2.2.2 Test RB = RB1#49







5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0

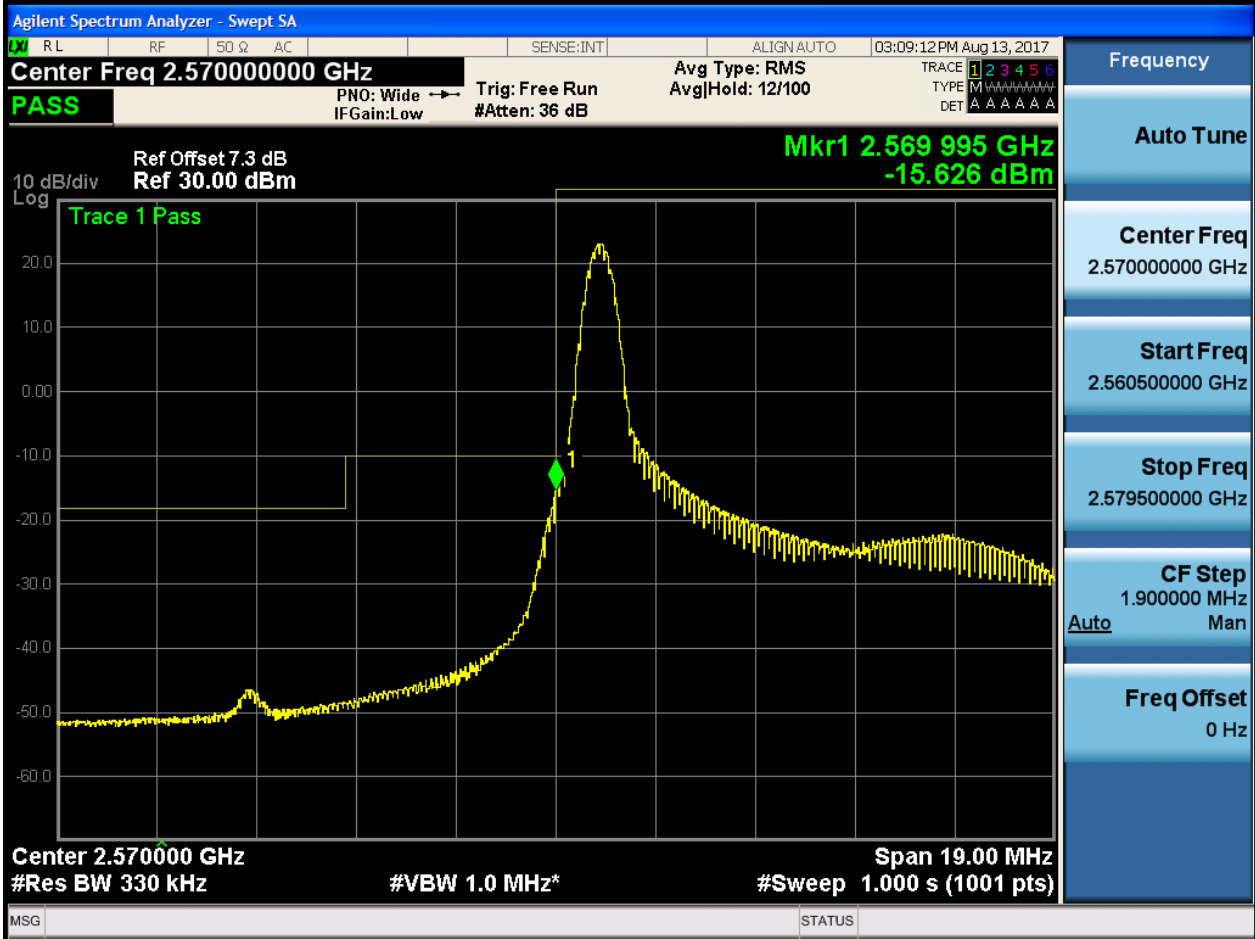




5.1.1.1.3 Test Bandwidth = 15

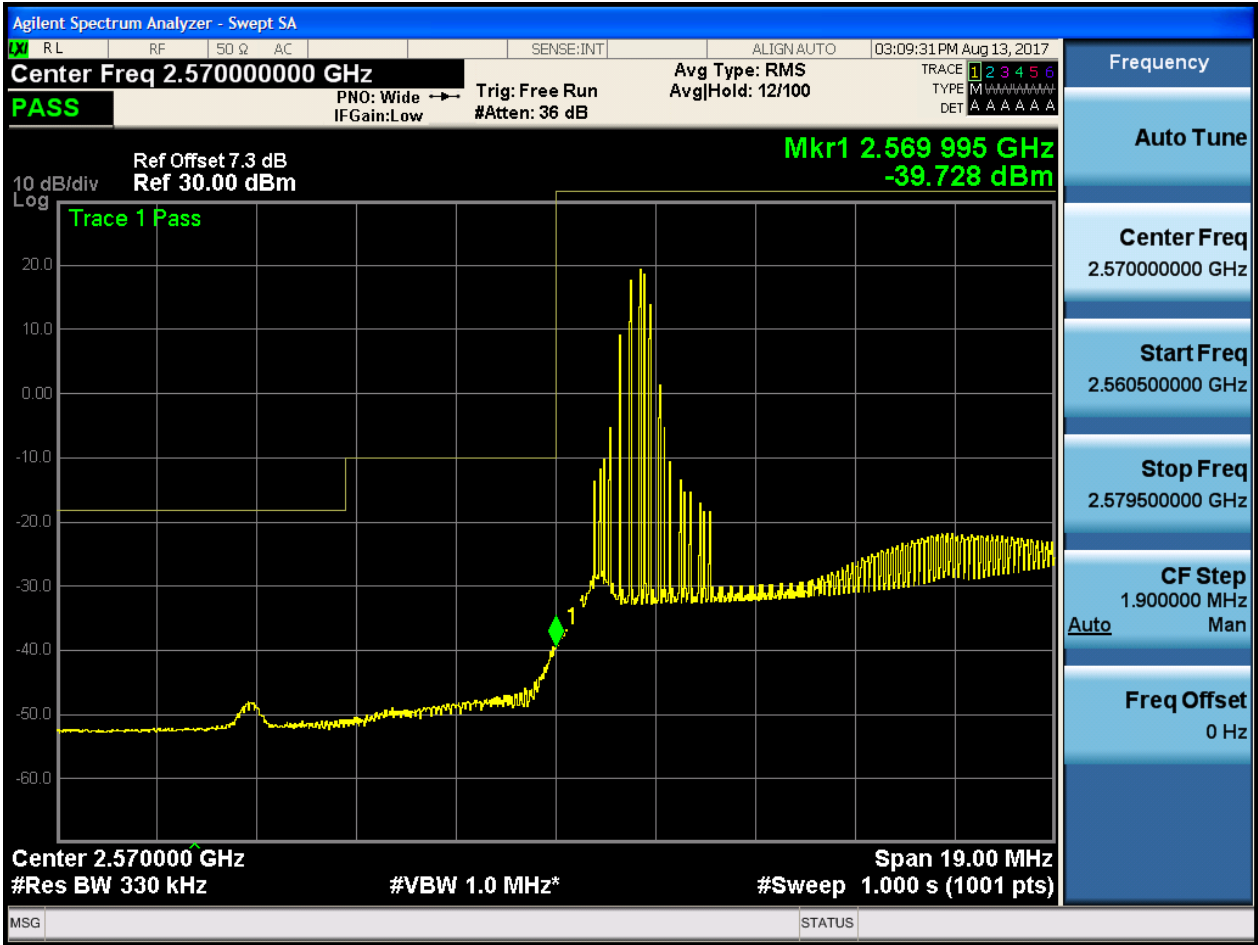
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



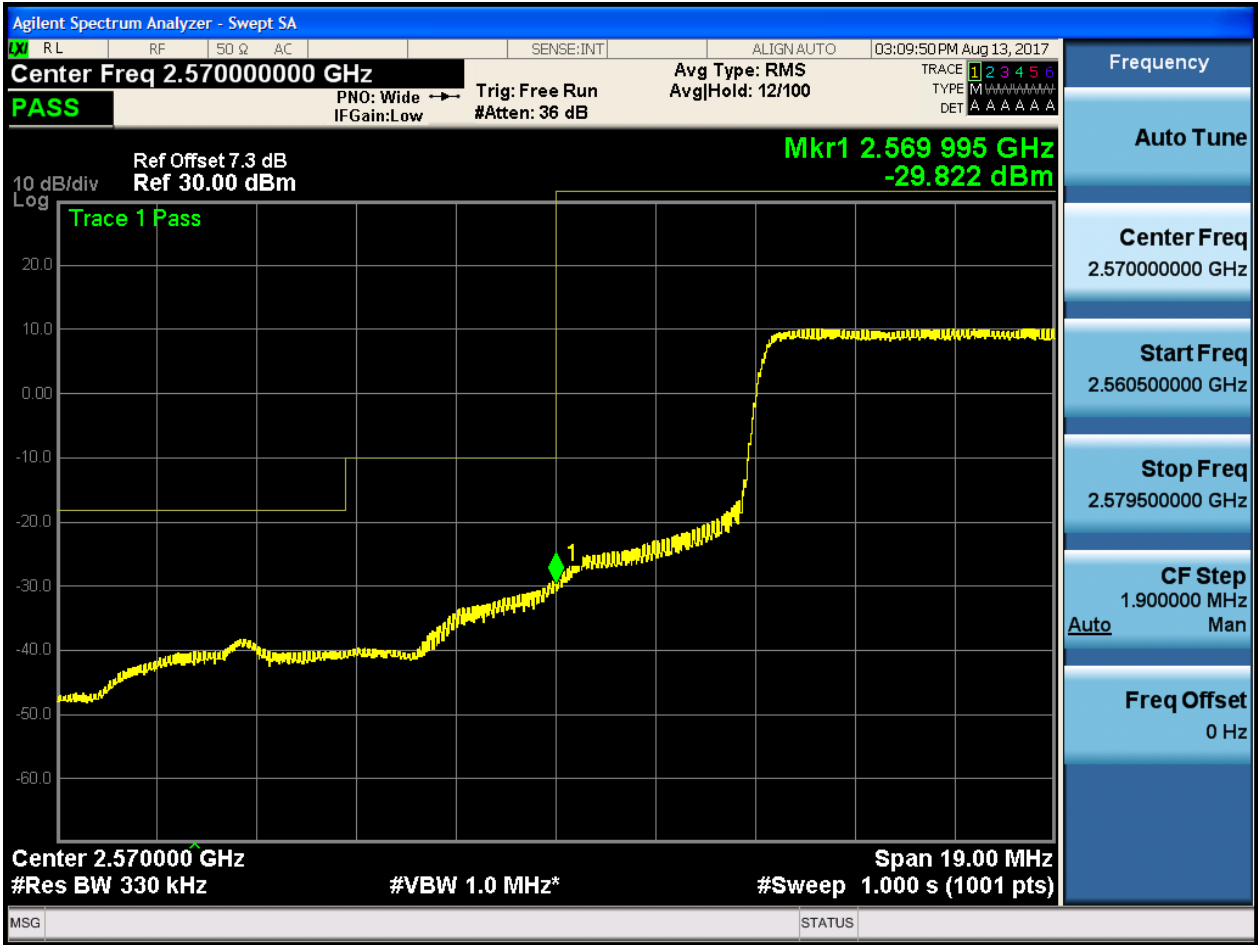


5.1.1.1.3.1.2 Test RB = RB1#74



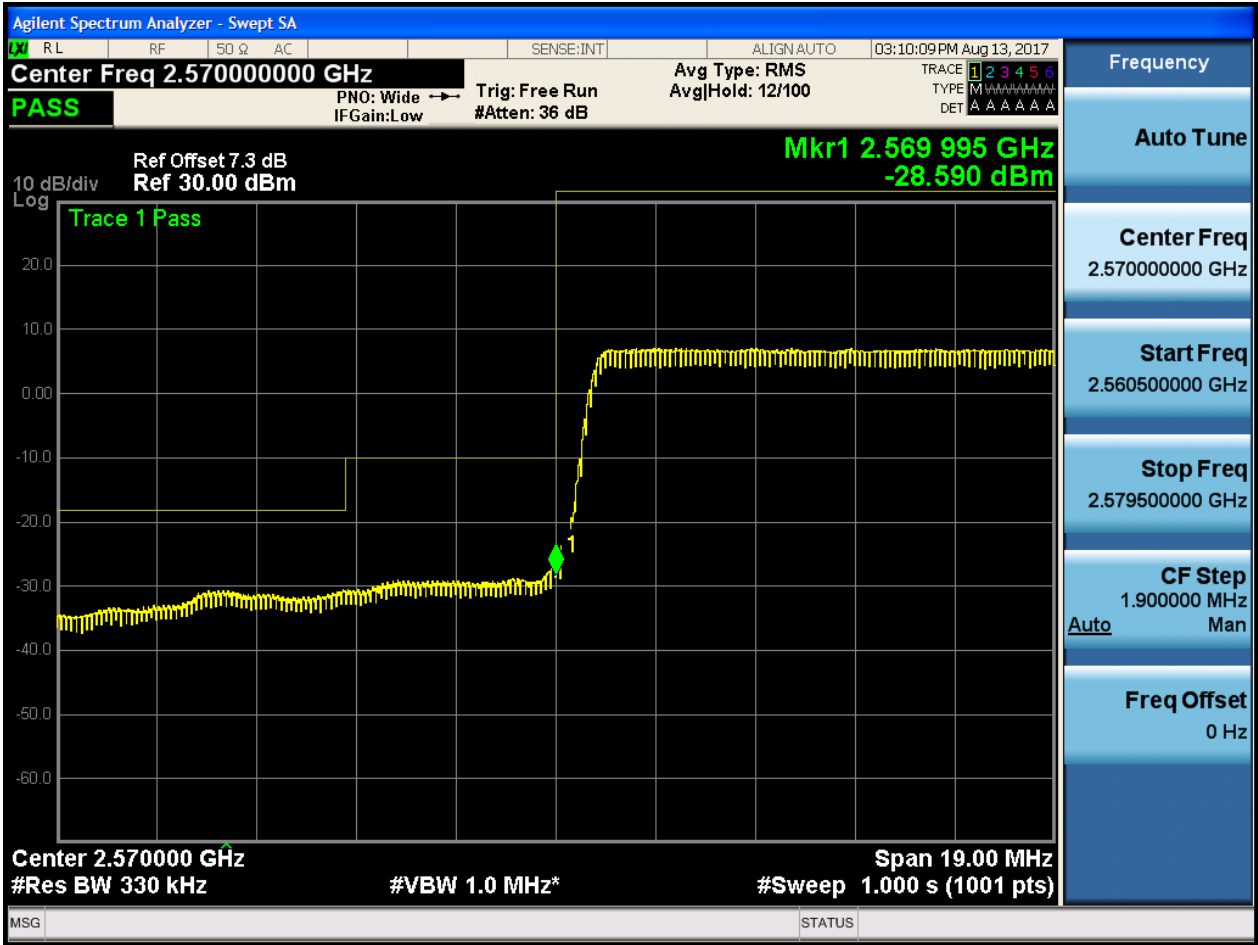


5.1.1.1.3.1.3 Test RB = RB36#18





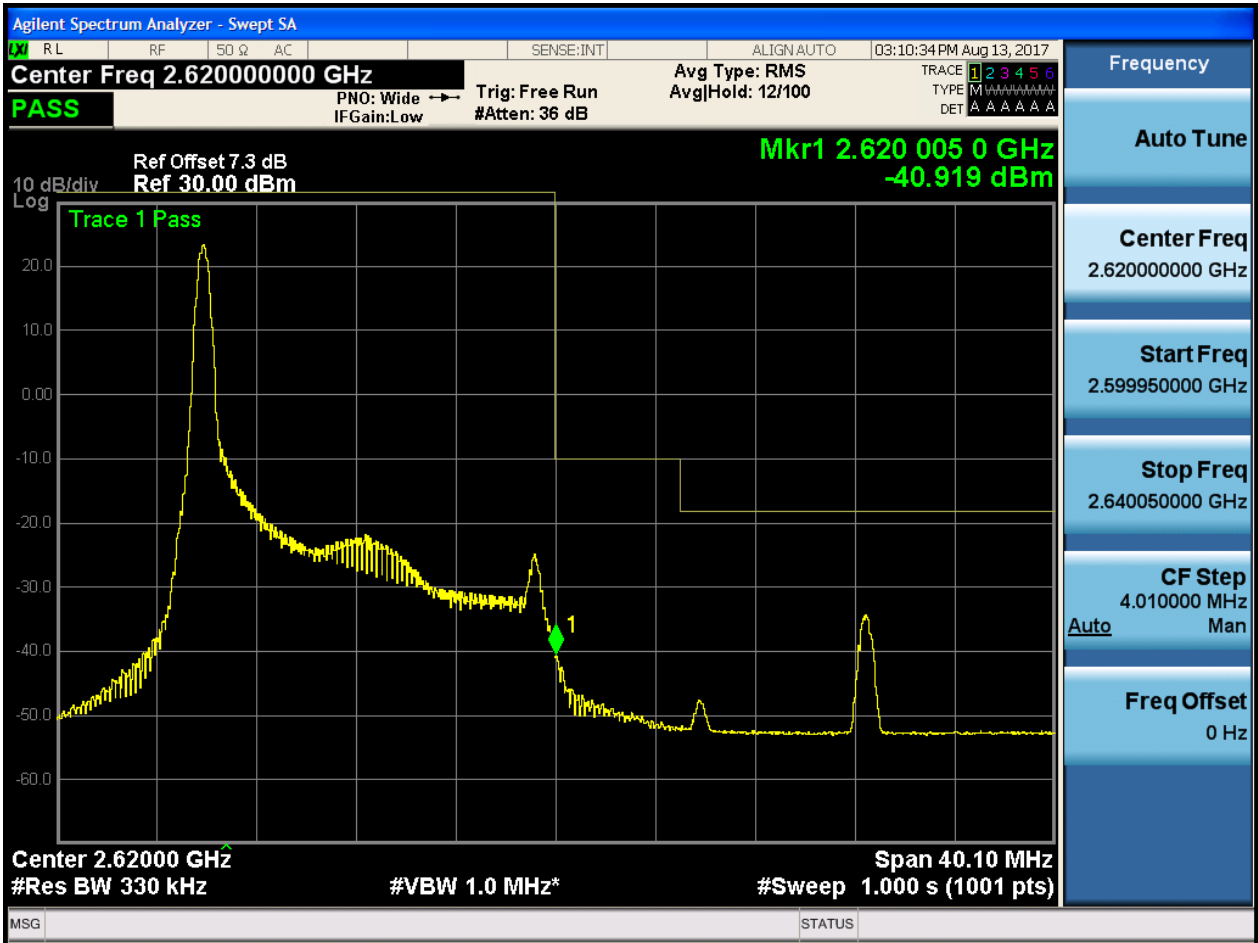
5.1.1.1.3.1.4 Test RB = RB75#0





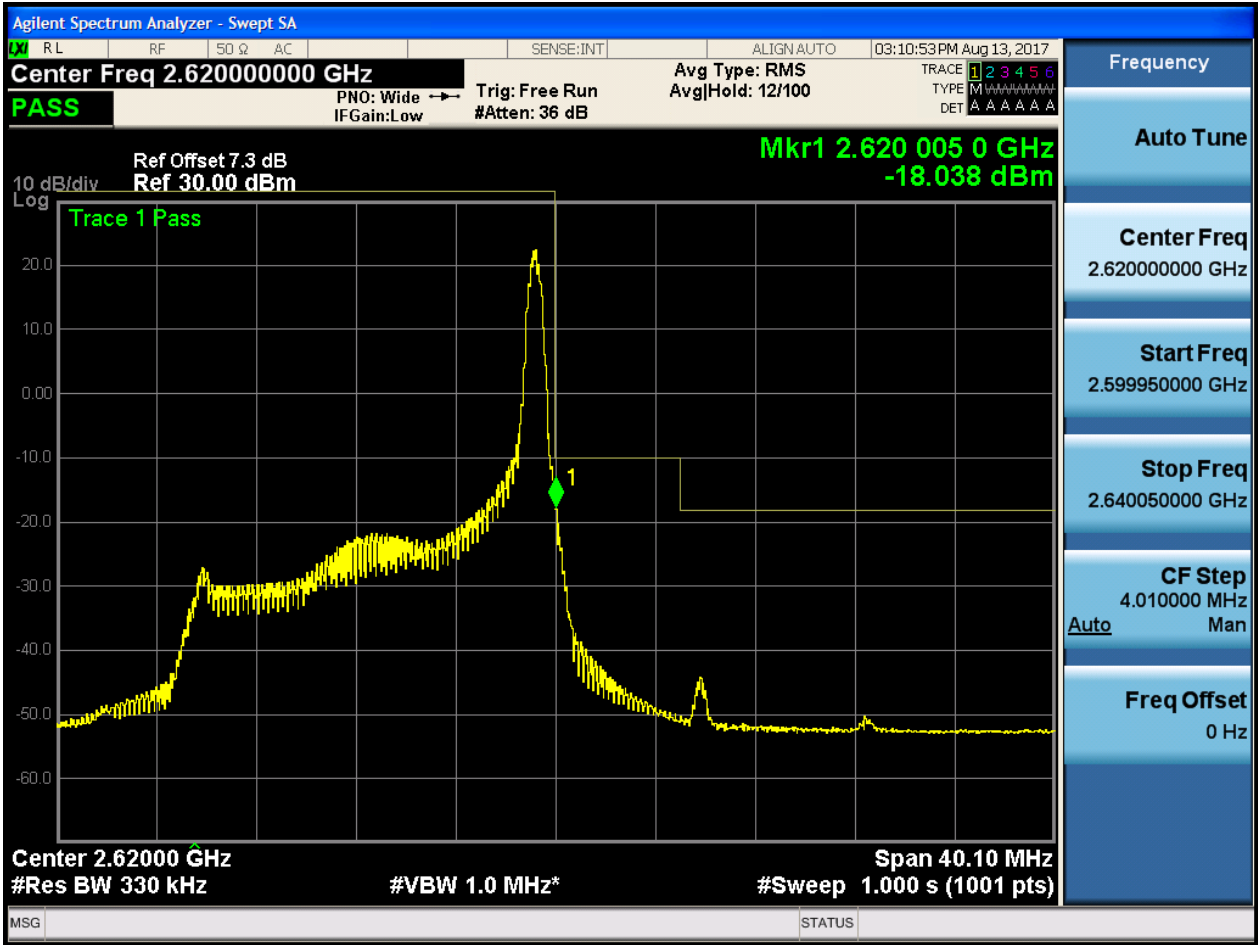
5.1.1.1.3.2 Test Channel = HCH

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

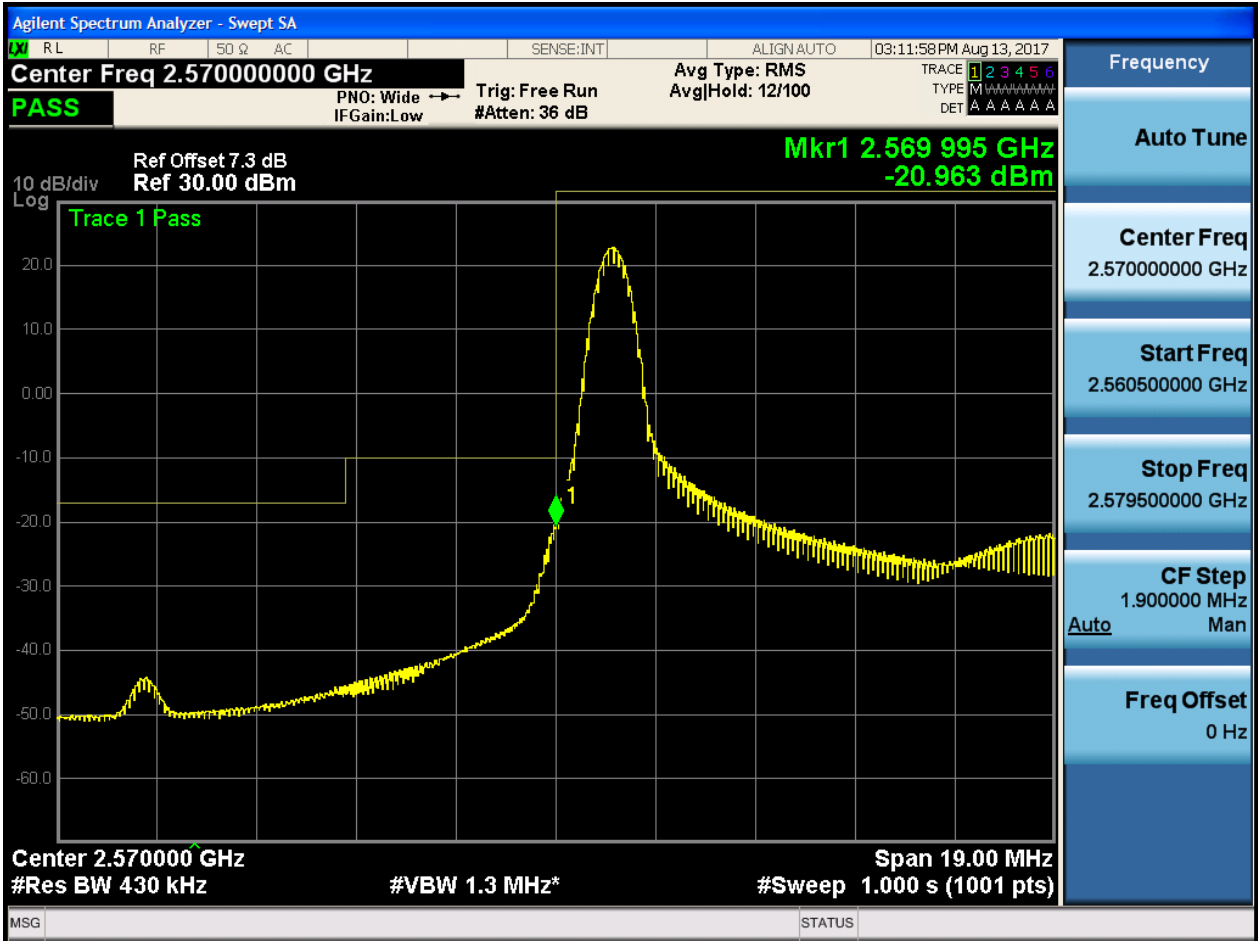




5.1.1.1.4 Test Bandwidth = 20

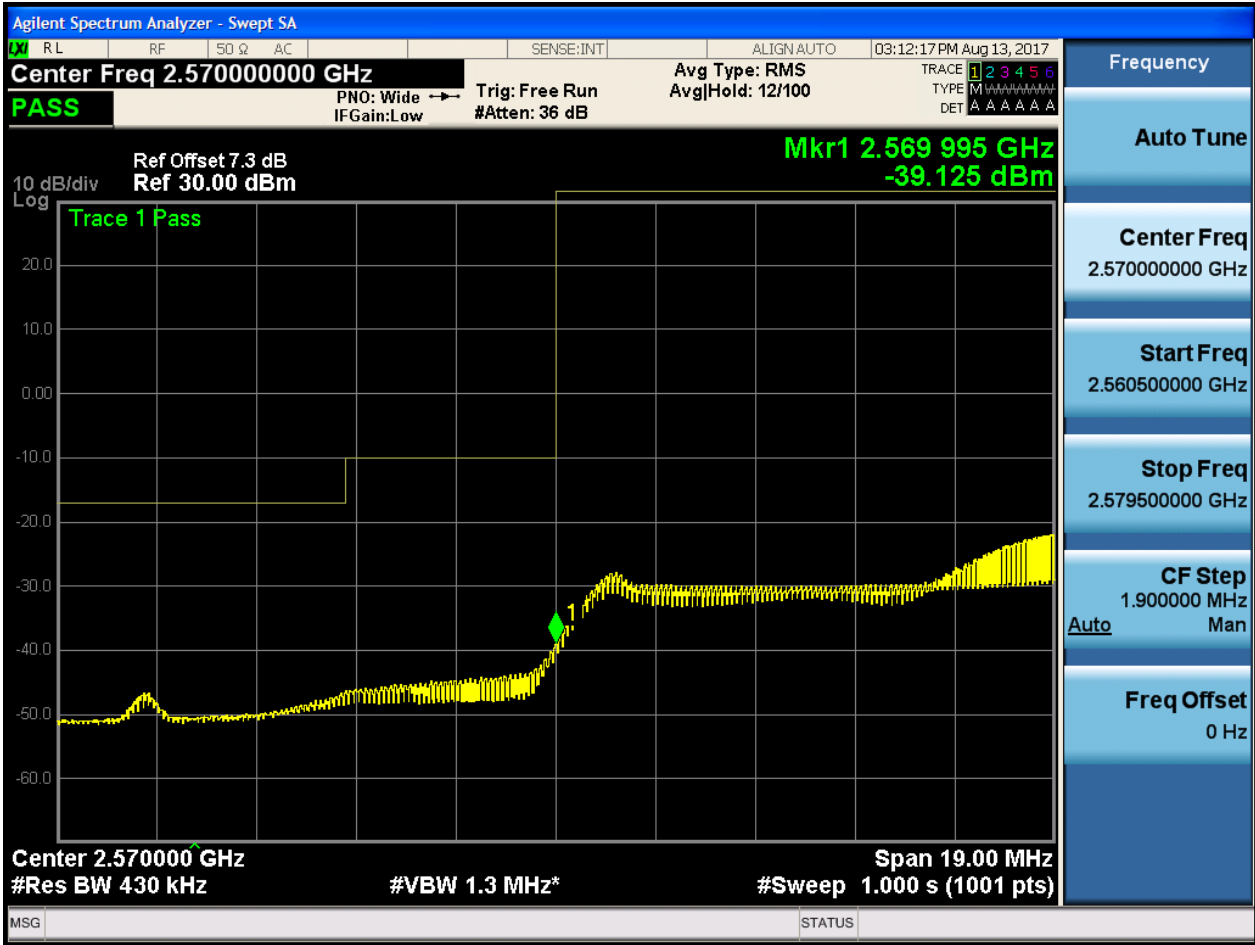
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



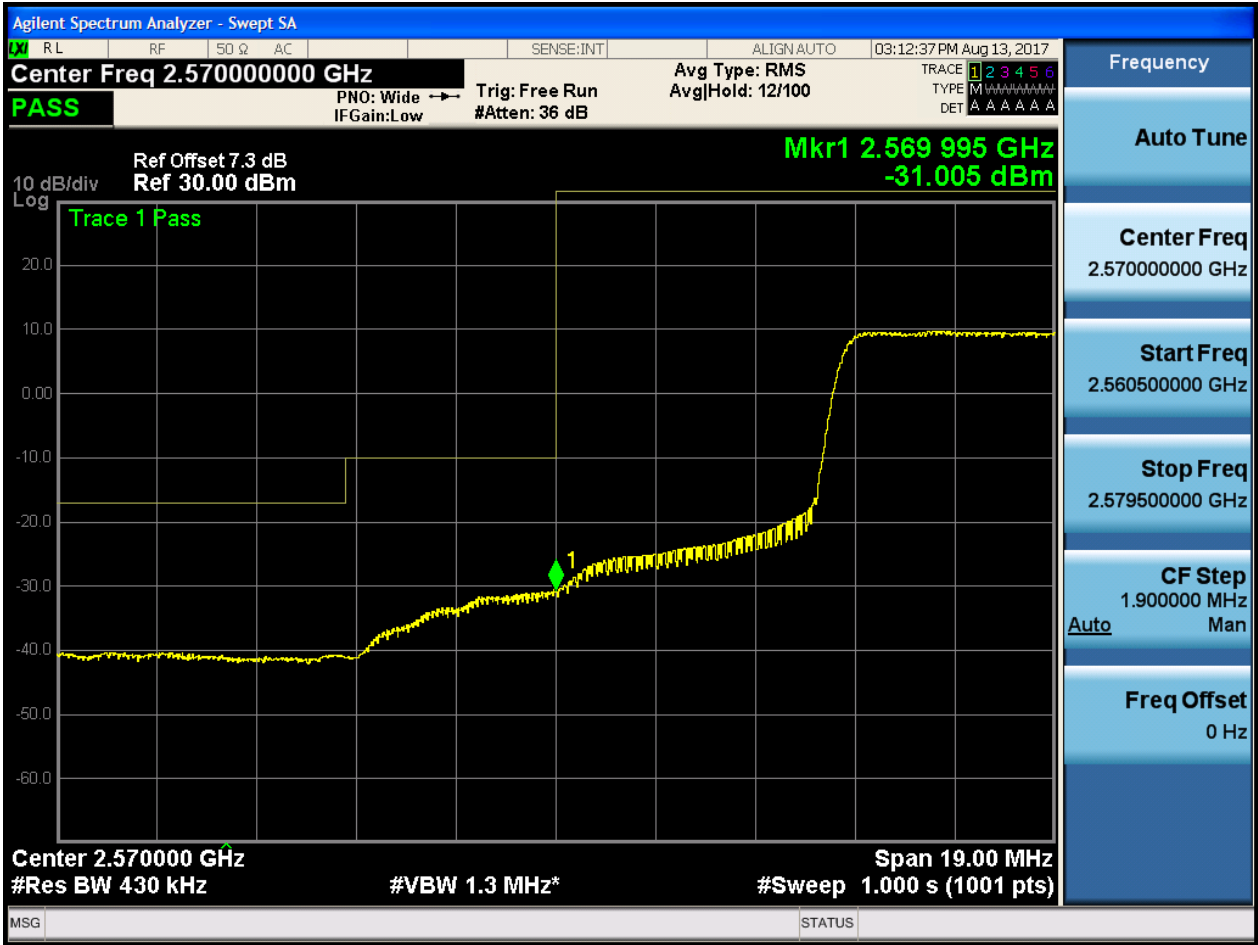


5.1.1.1.4.1.2 Test RB = RB1#99



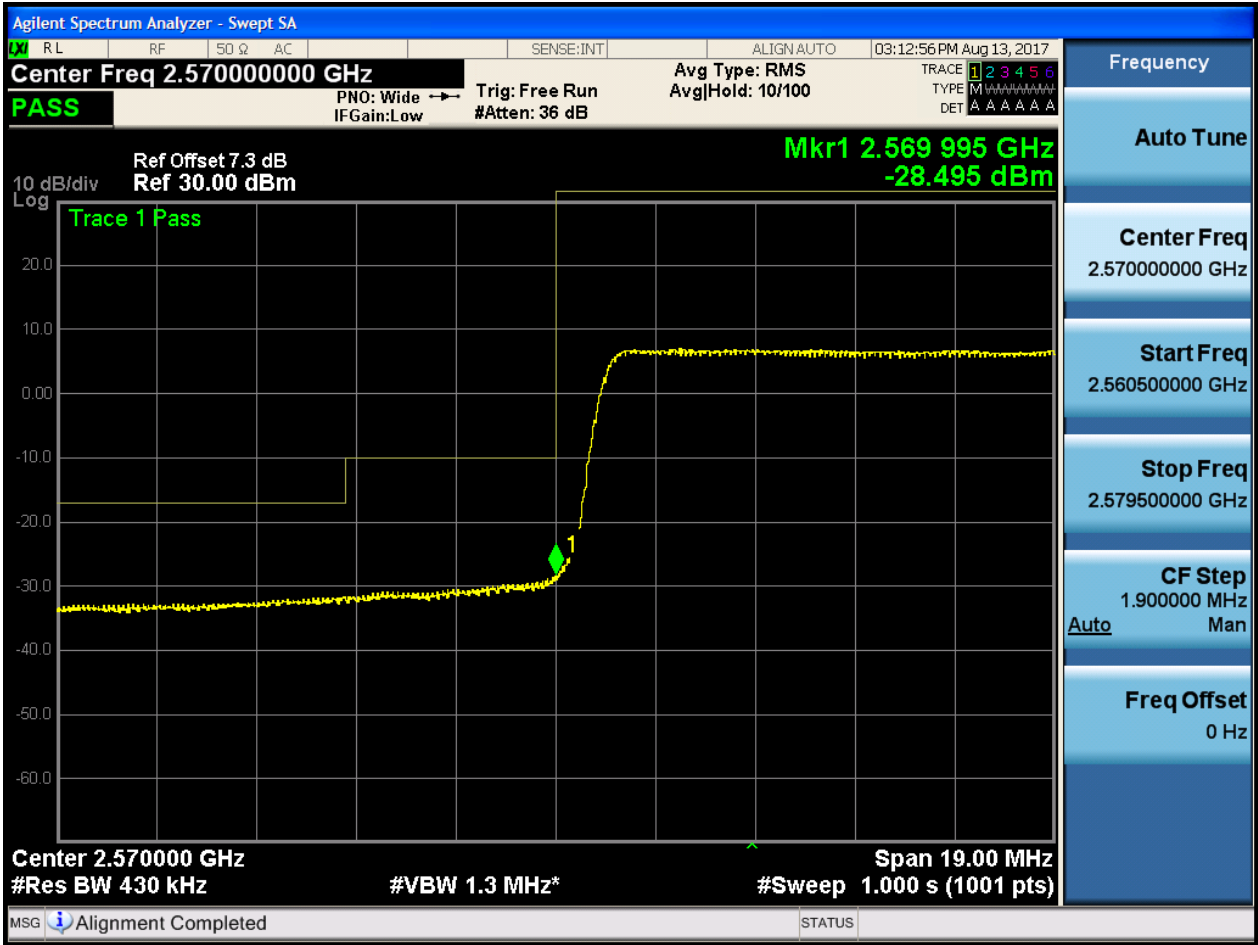


5.1.1.1.4.1.3 Test RB = RB50#25





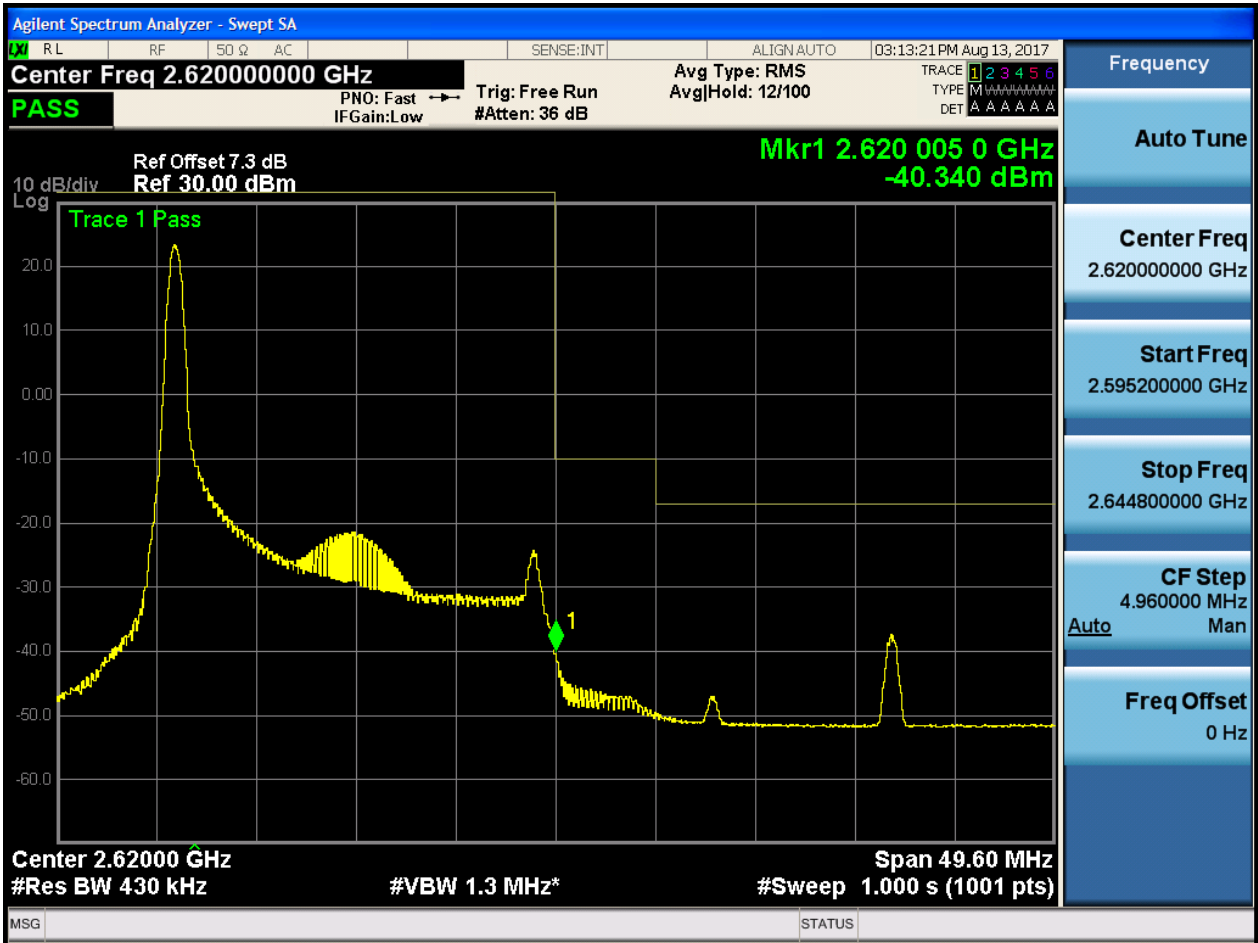
5.1.1.1.4.1.4 Test RB = RB100#0





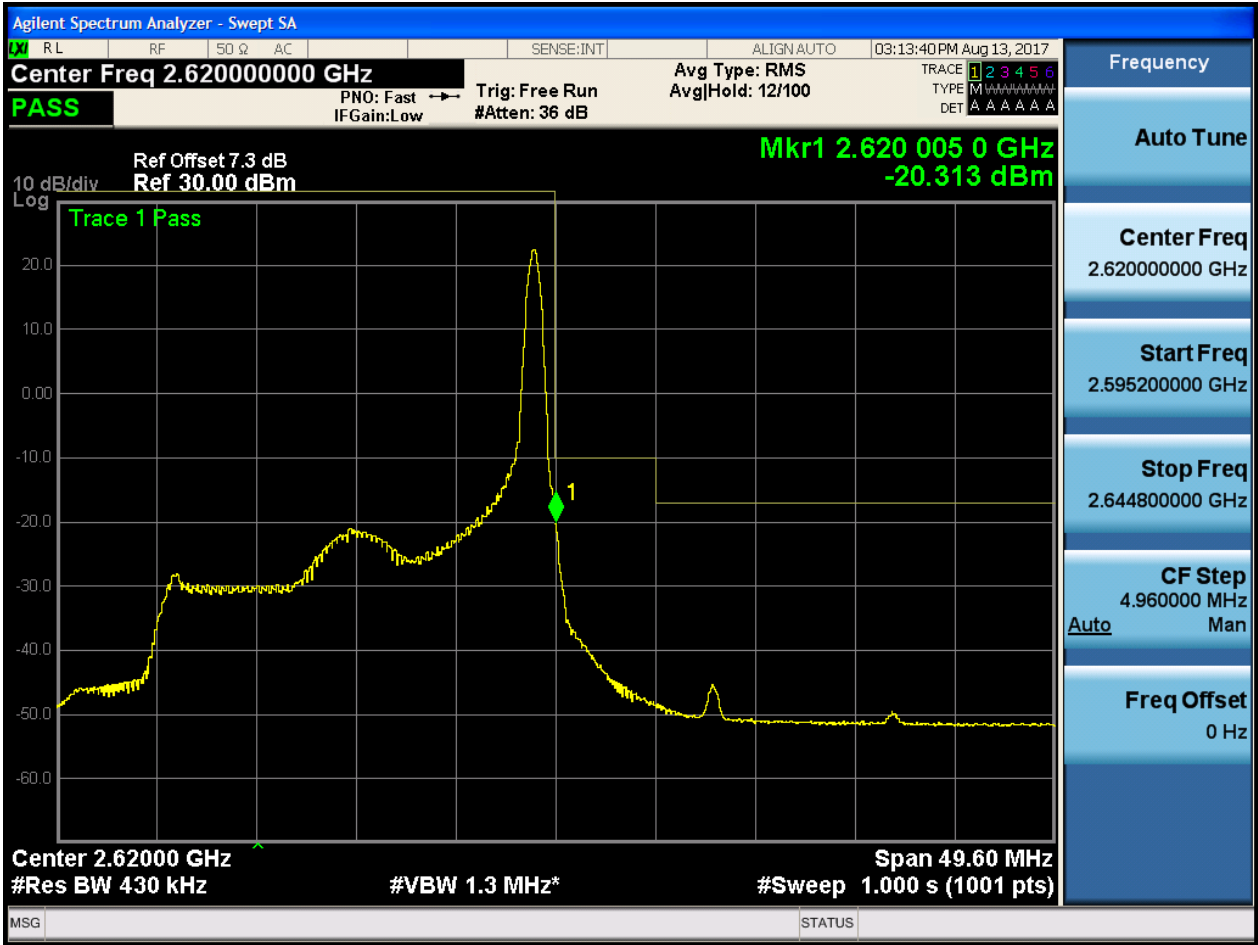
5.1.1.1.4.2 Test Channel = HCH

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



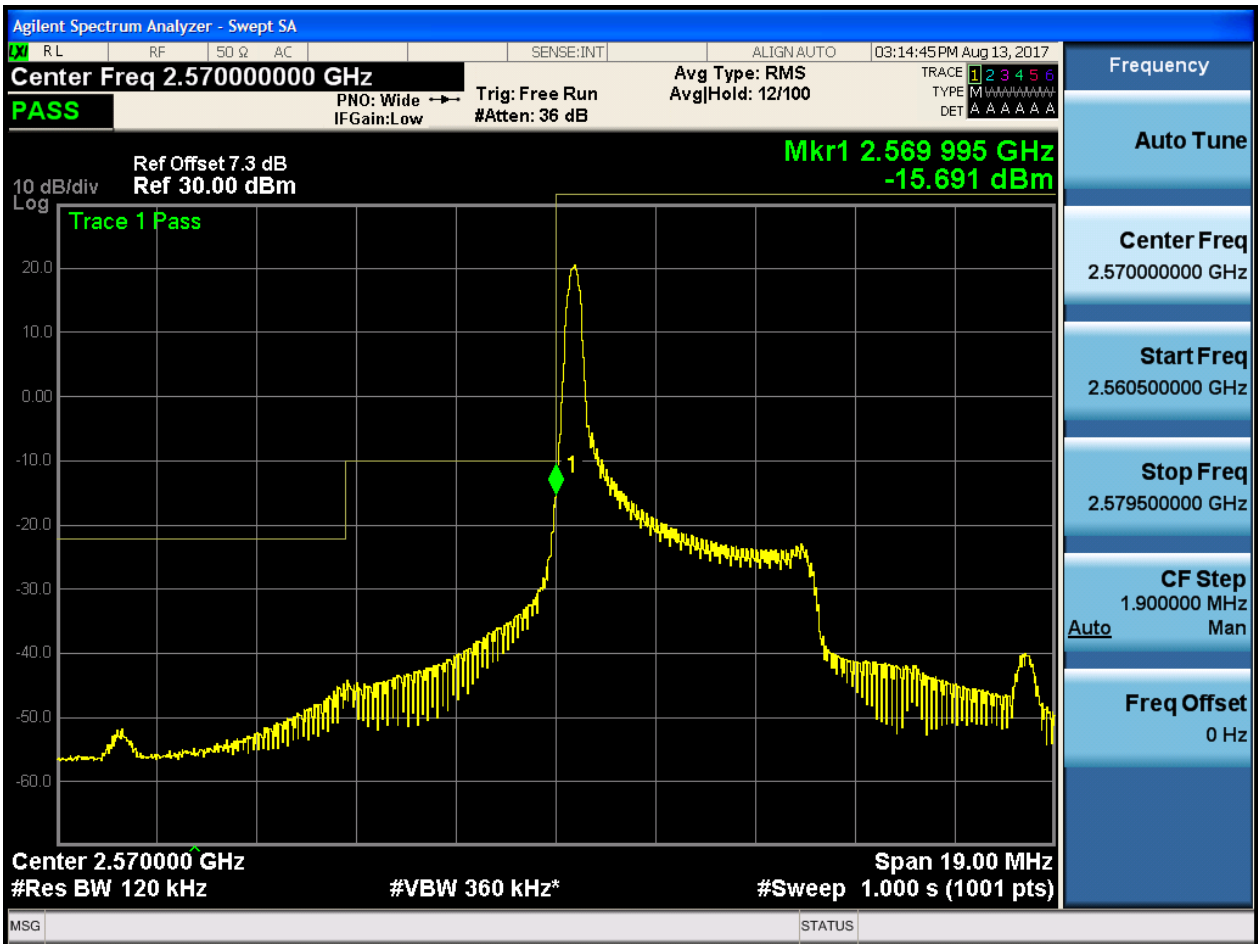


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

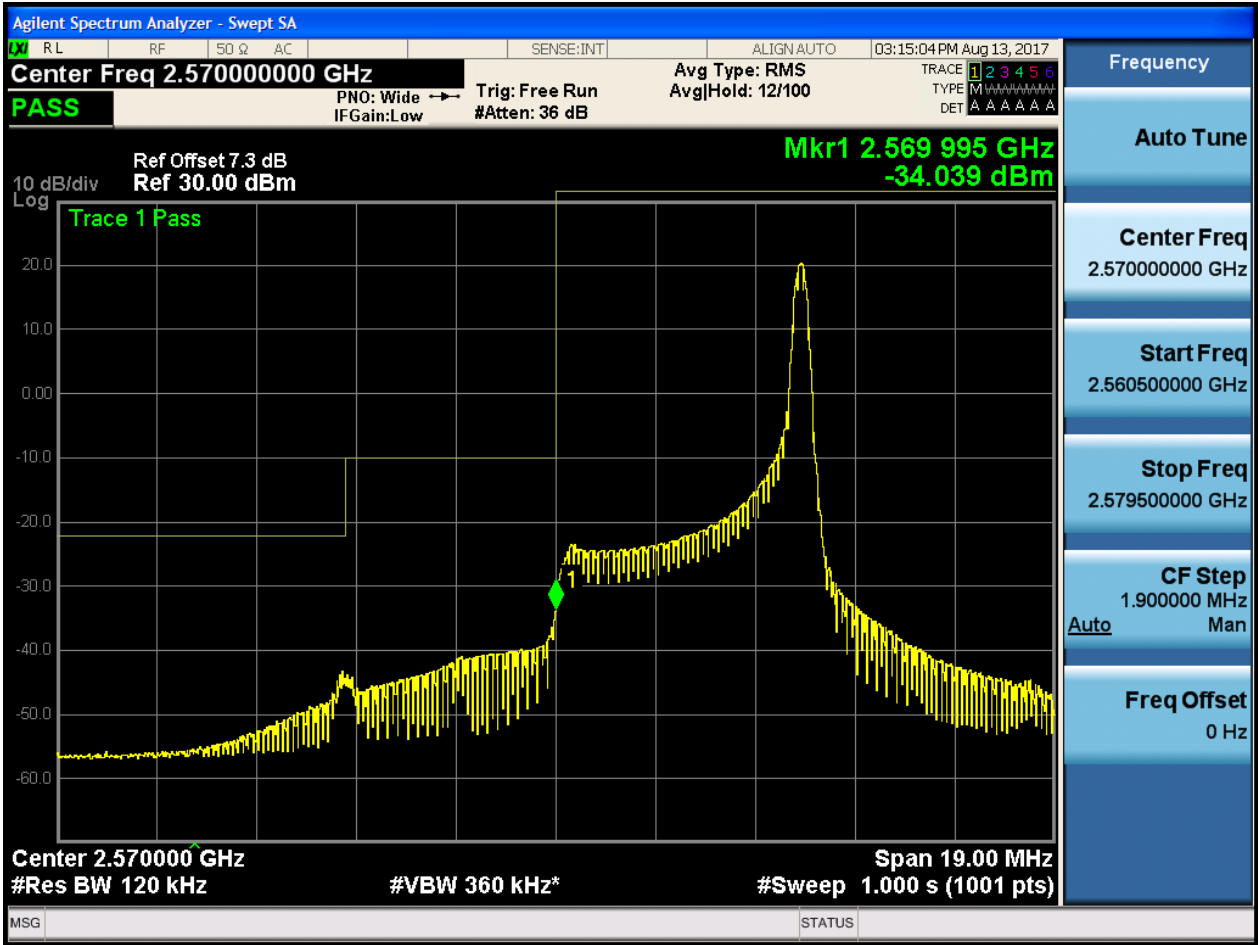
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



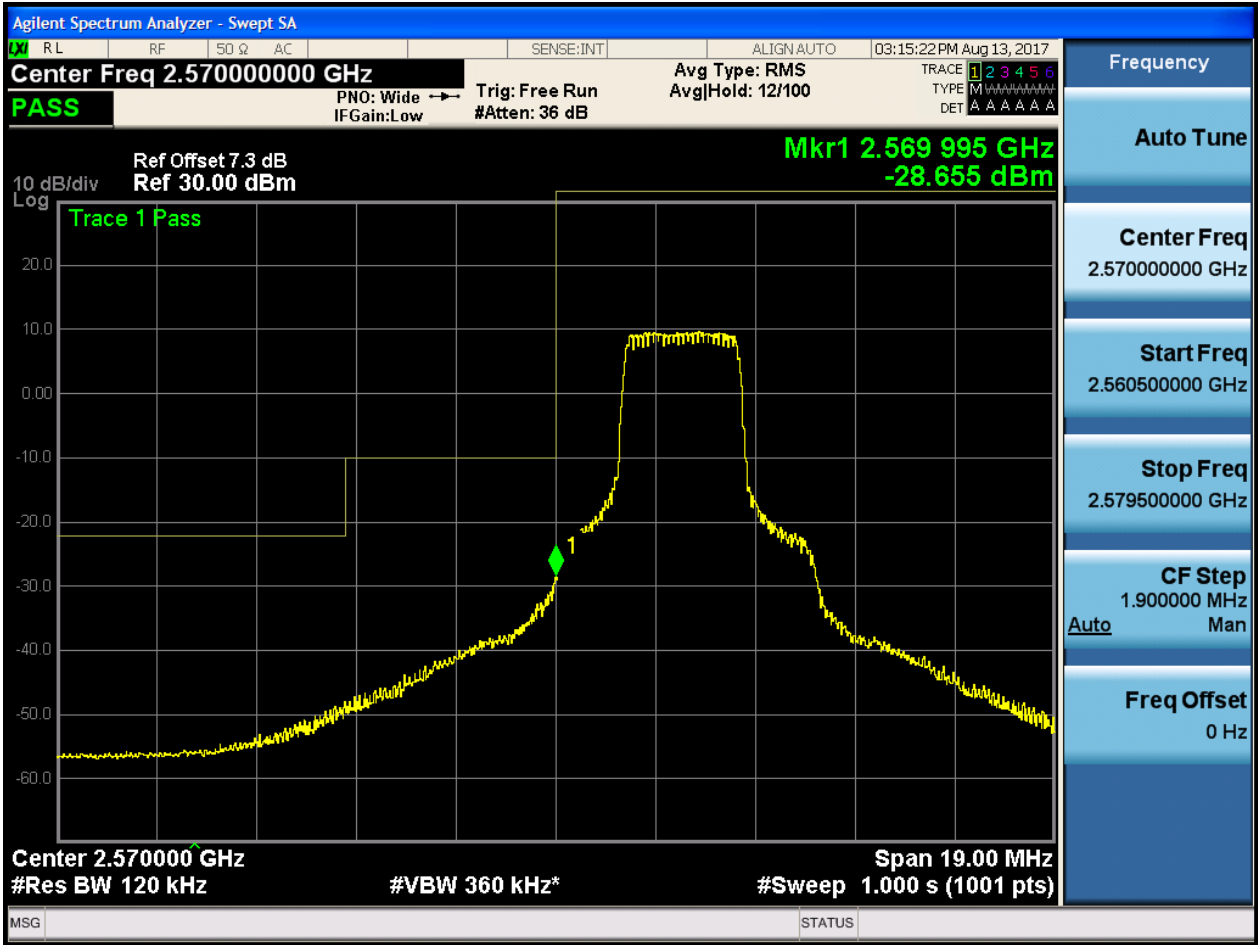


5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6





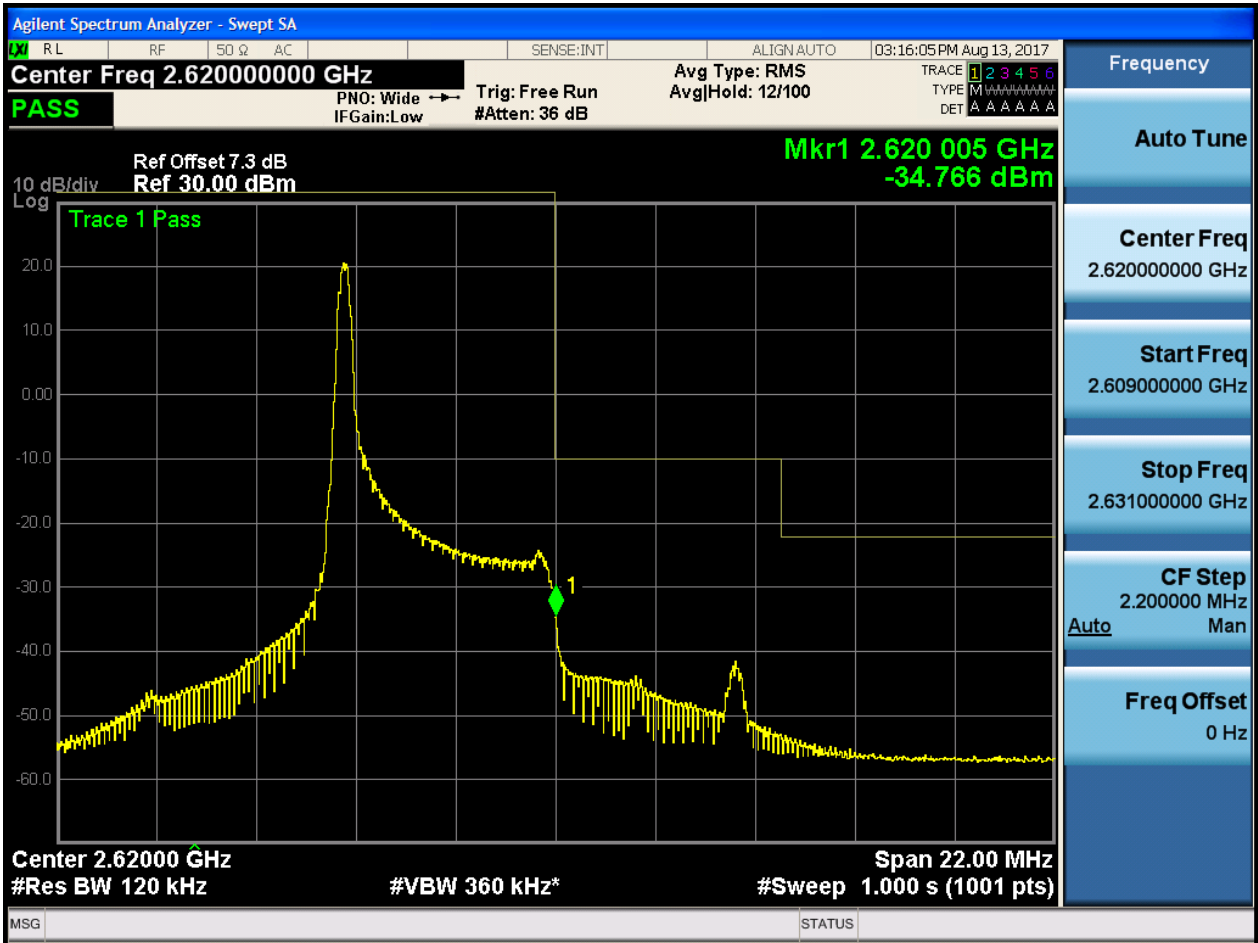
5.1.1.2.1.1.4 Test RB = RB25#0





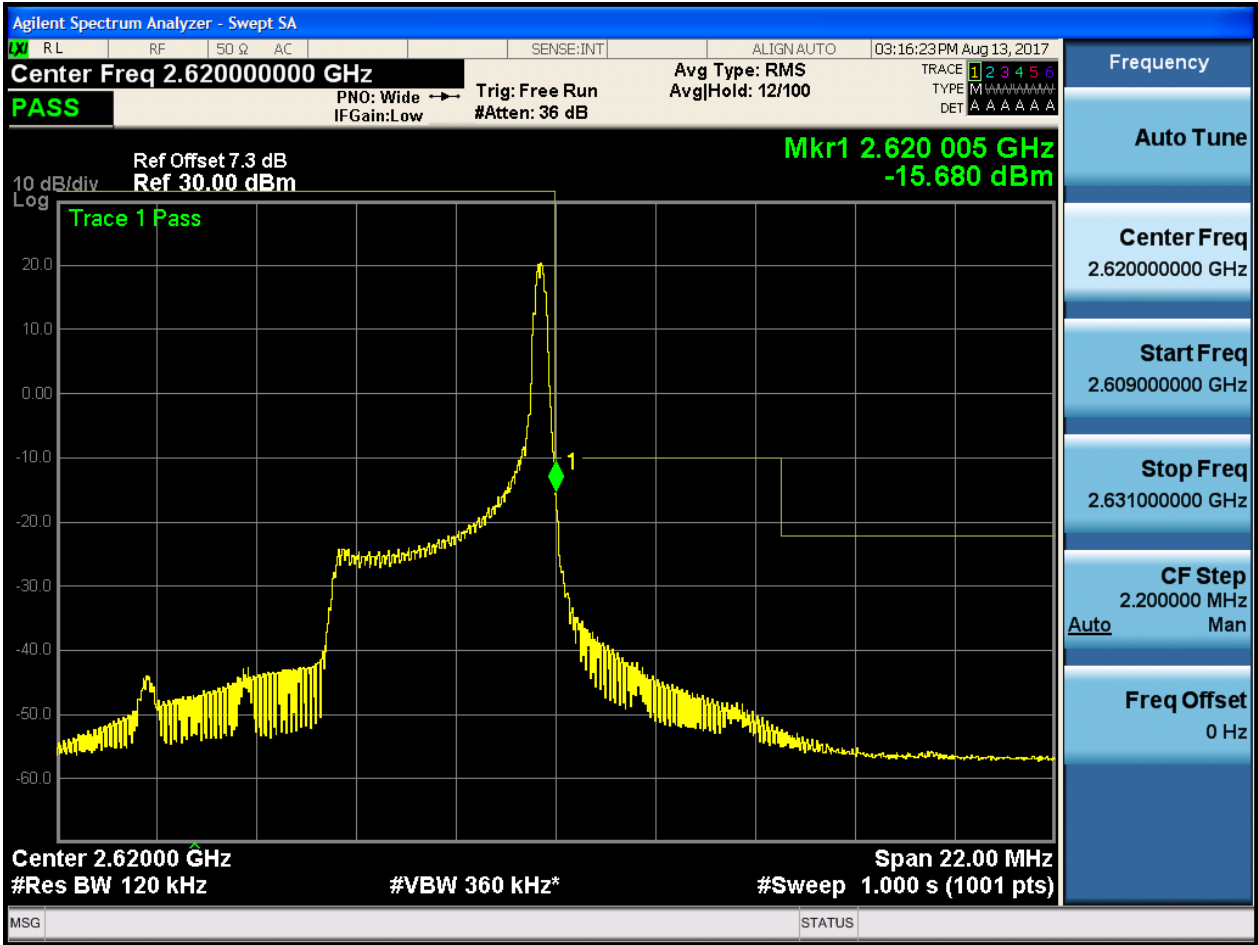
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





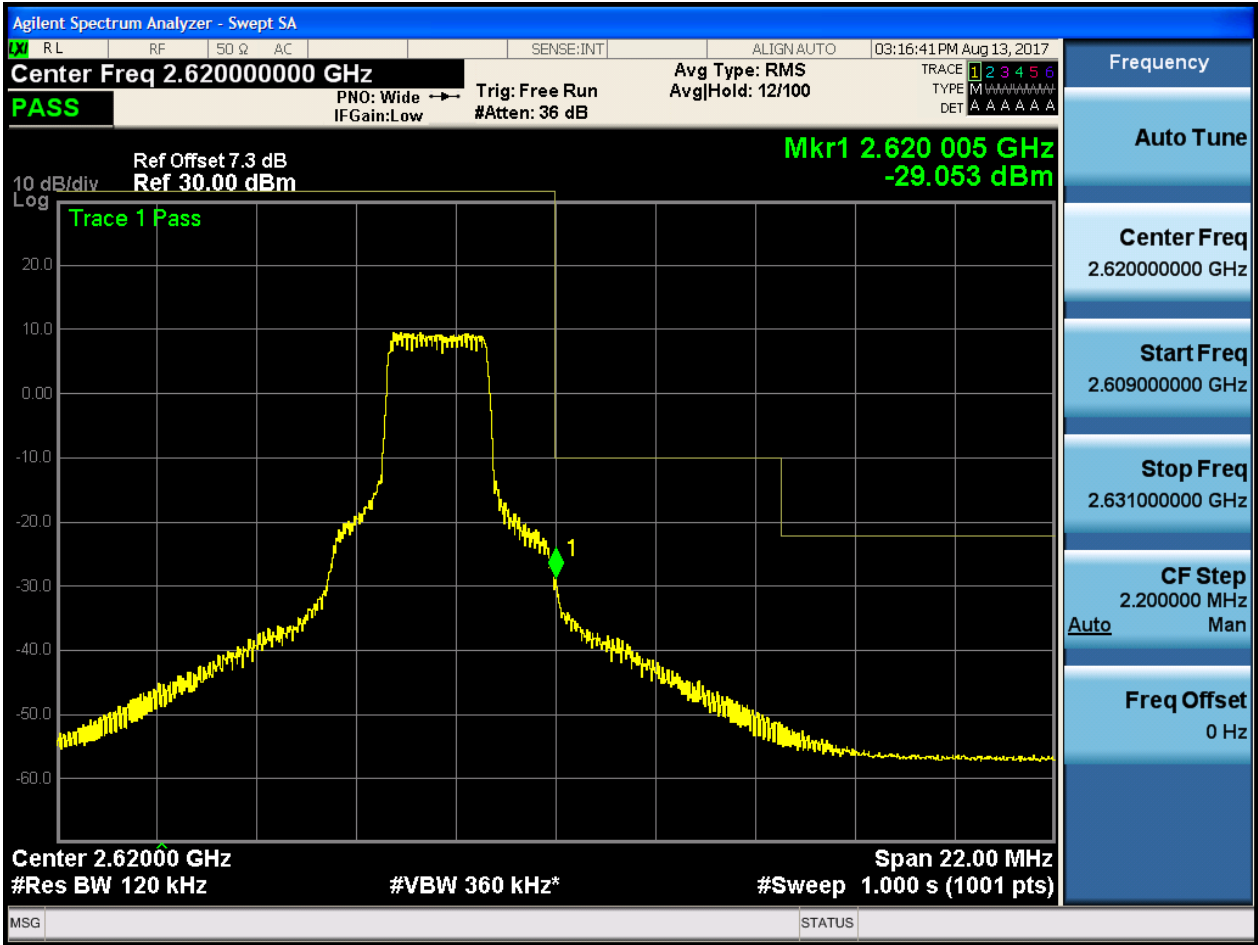
5.1.1.2.1.2.2 Test RB = RB1#24







5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

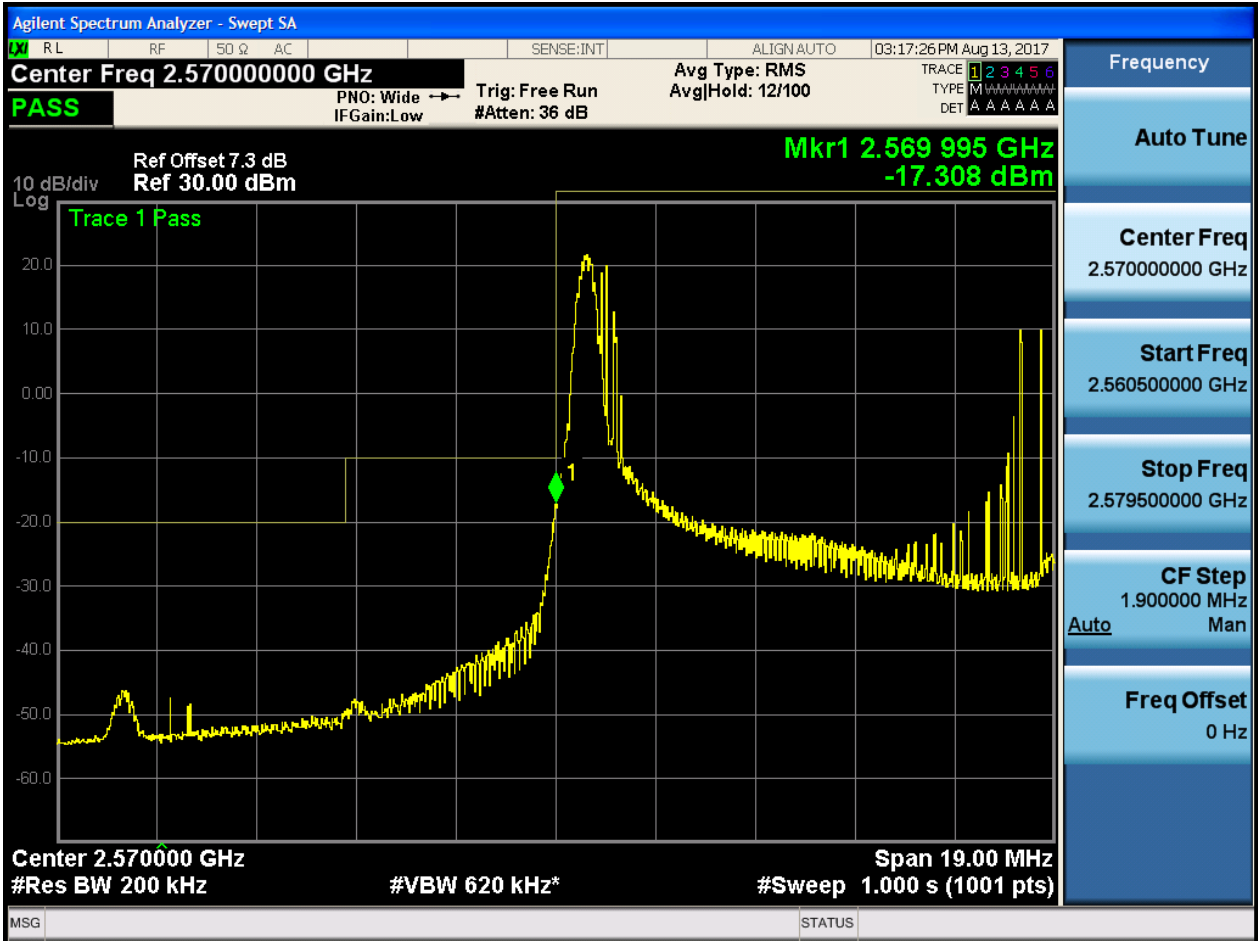




5.1.1.2.2 Test Bandwidth = 10

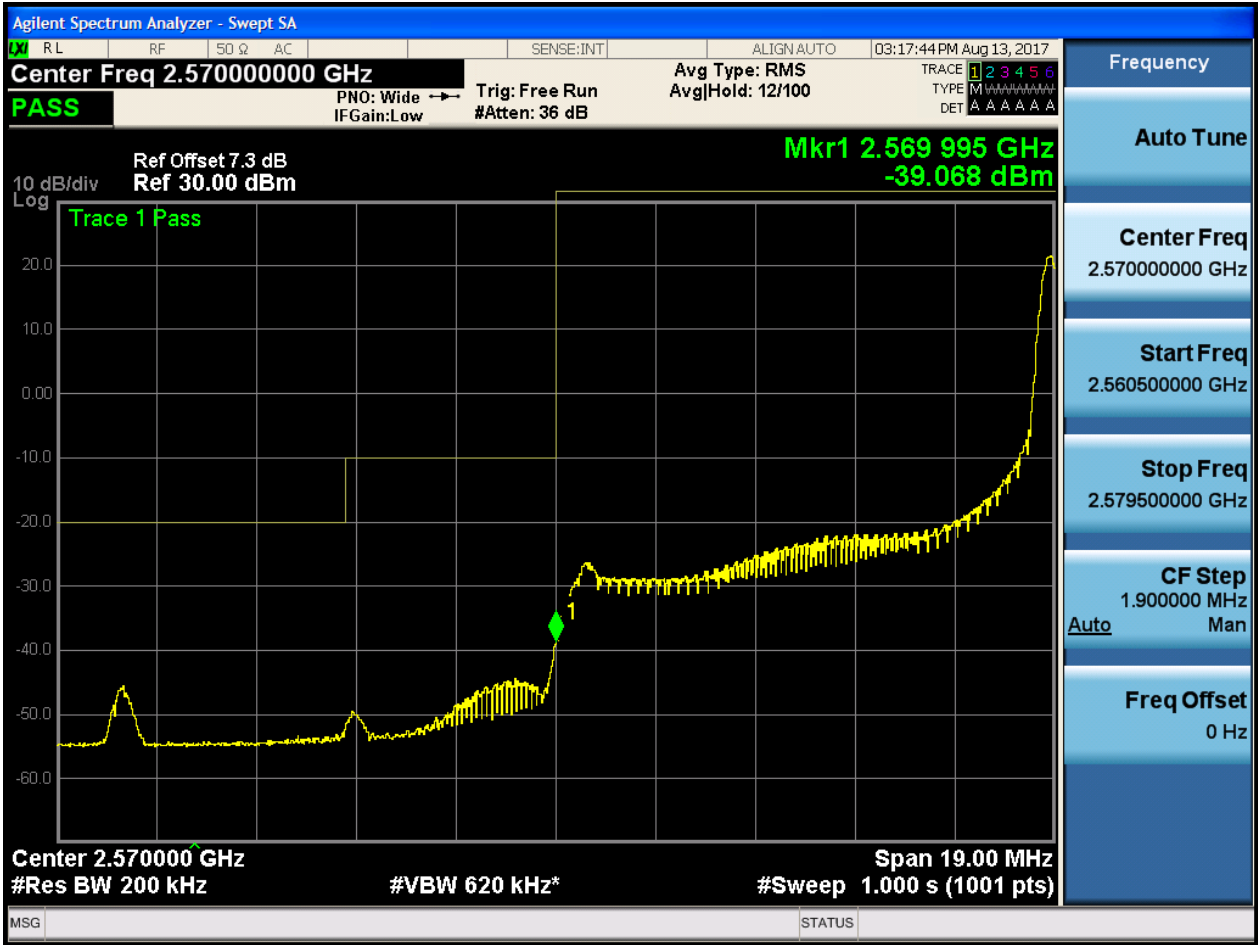
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#49



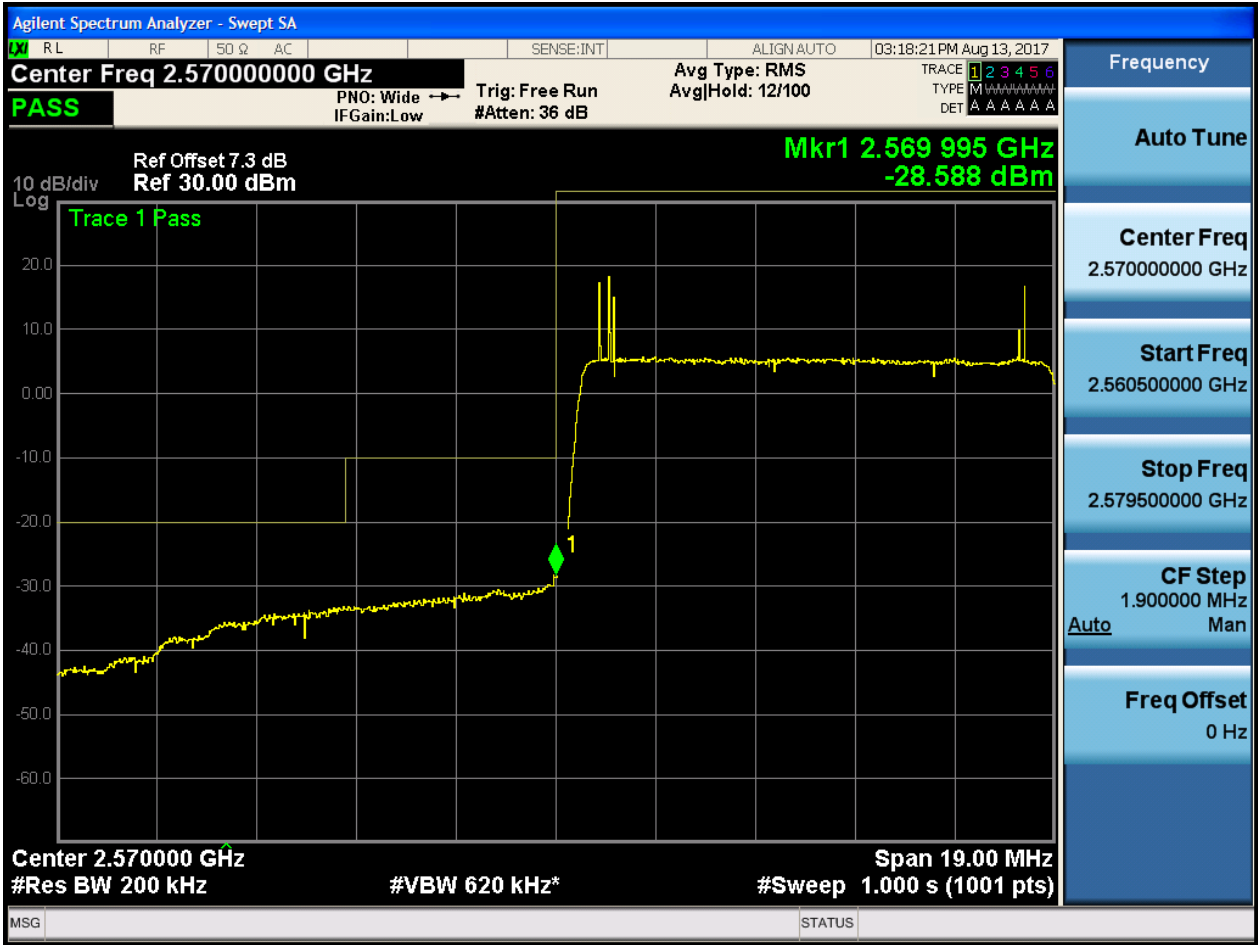


5.1.1.2.2.1.3 Test RB = RB25#13





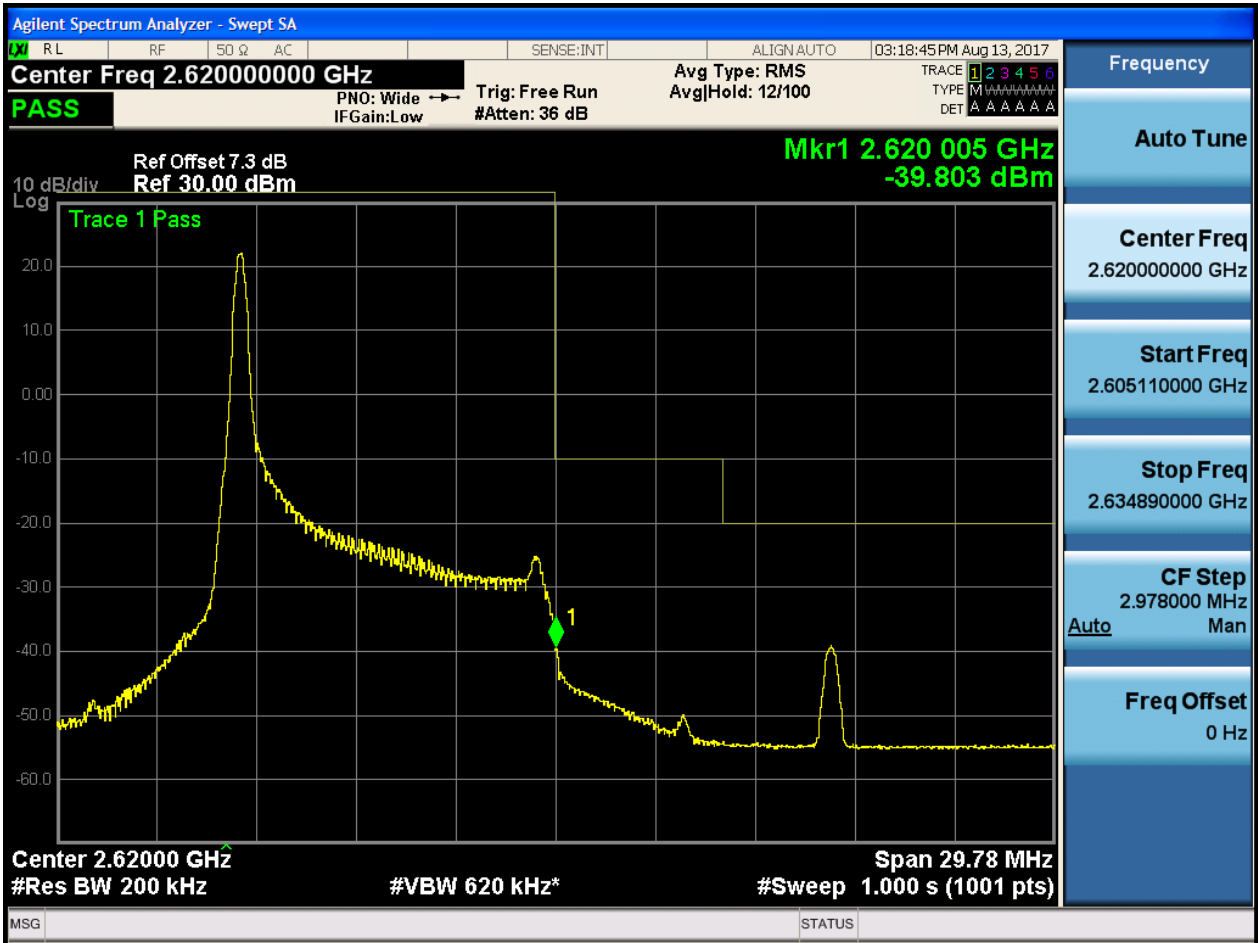
5.1.1.2.2.1.4 Test RB = RB50#0





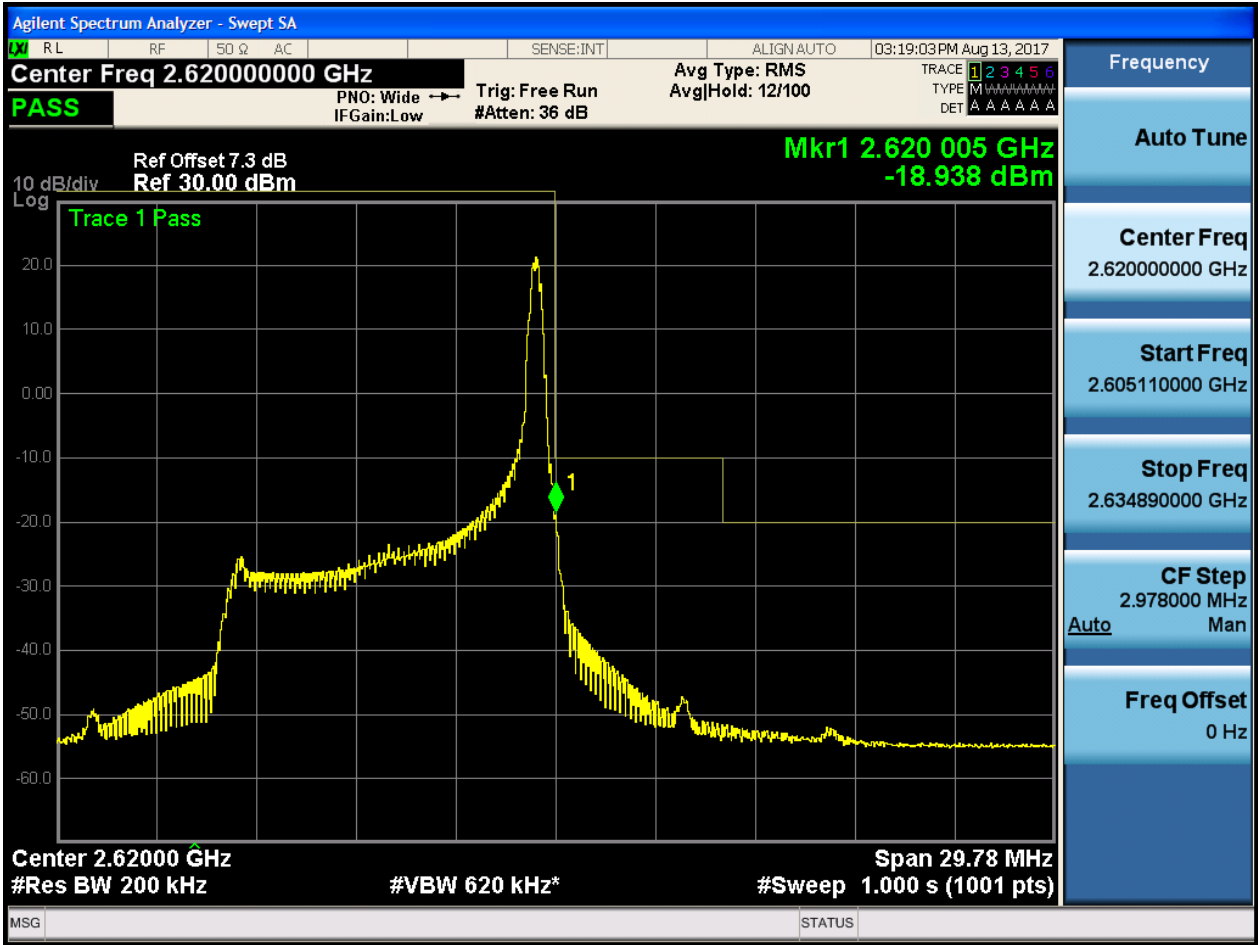
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





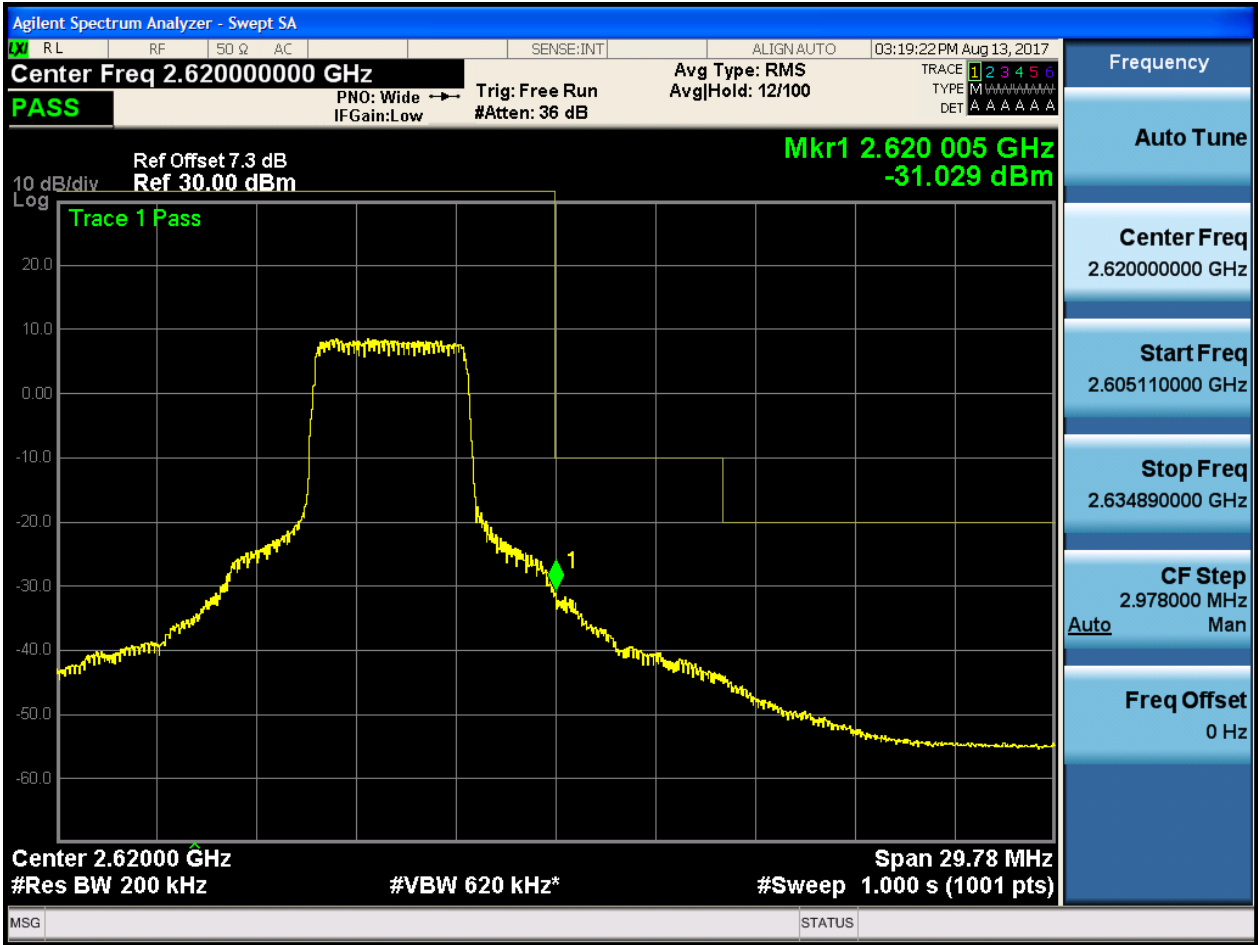
5.1.1.2.2.2.2 Test RB = RB1#49







5.1.1.2.2.2.3 Test RB = RB25#13





5.1.1.2.2.2.4 Test RB = RB50#0

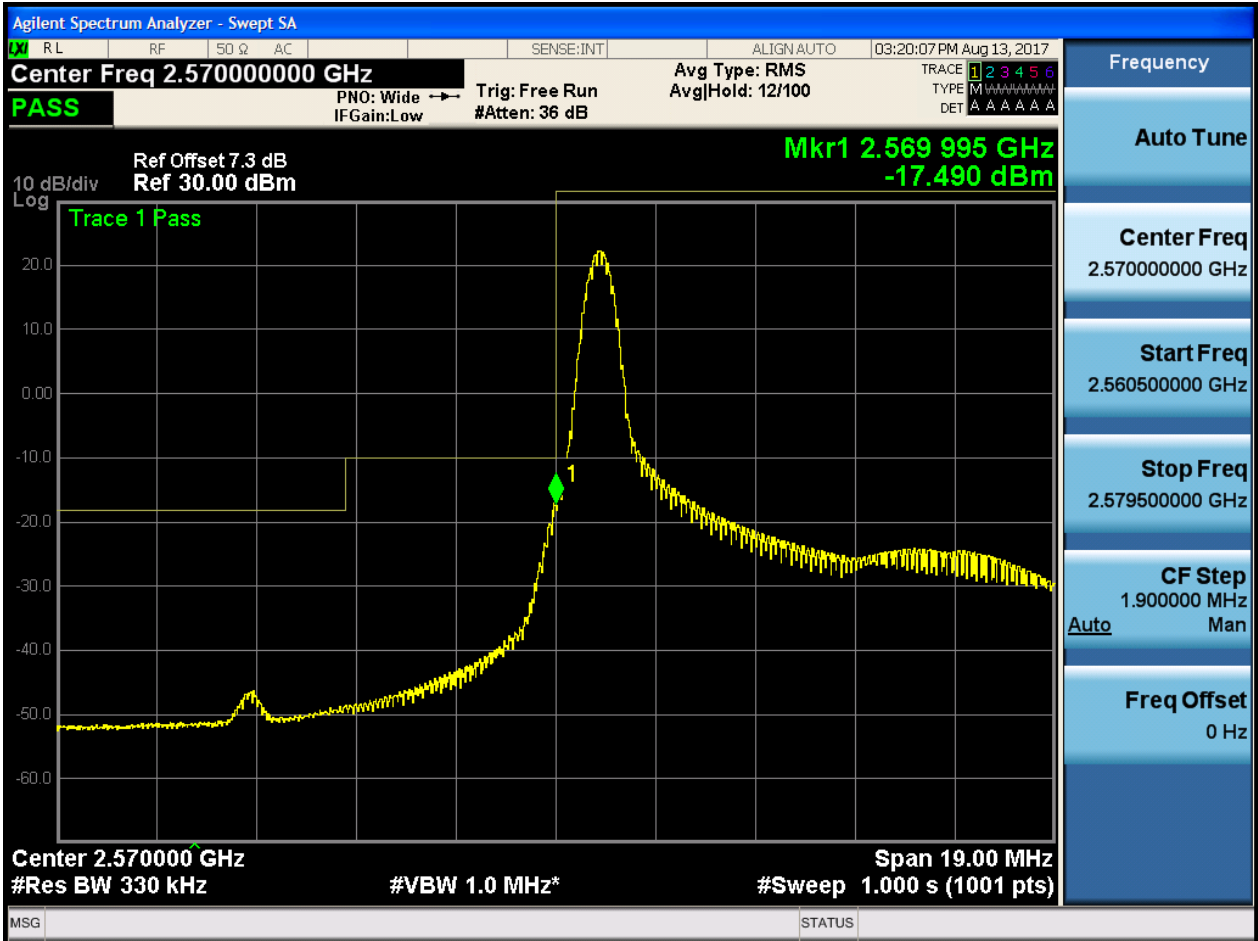




5.1.1.2.3 Test Bandwidth = 15

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



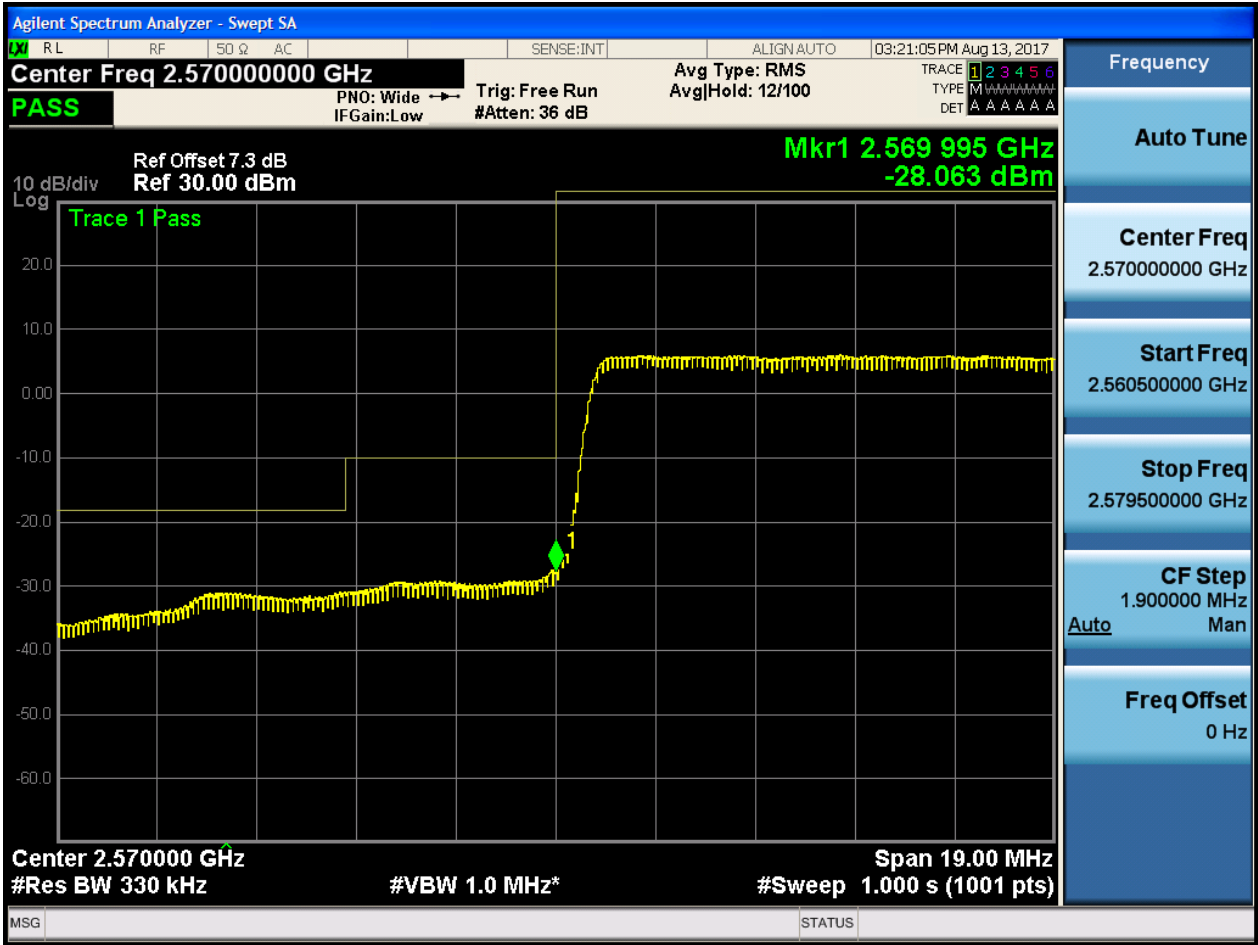


5.1.1.2.3.1.3 Test RB = RB36#18





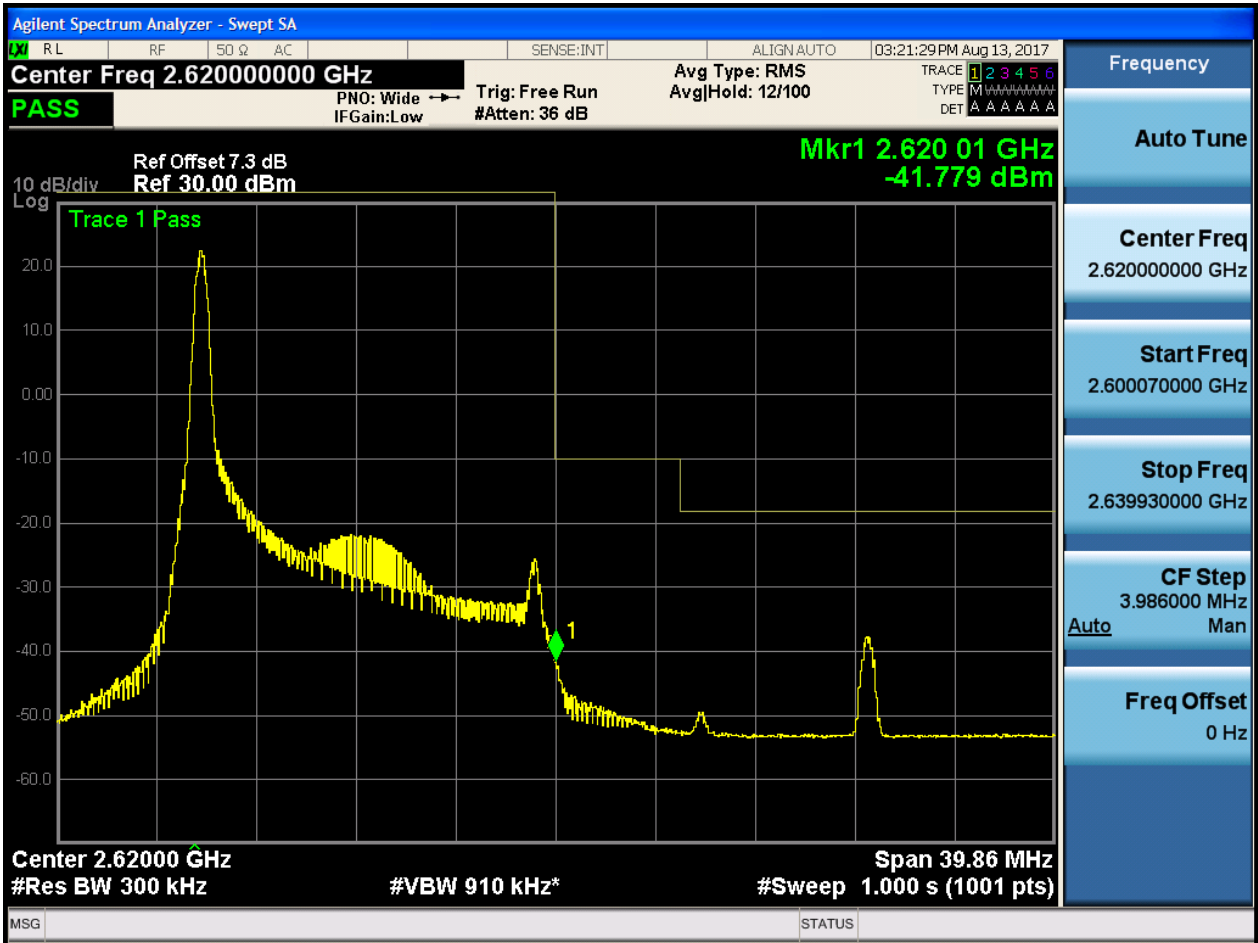
5.1.1.2.3.1.4 Test RB = RB75#0





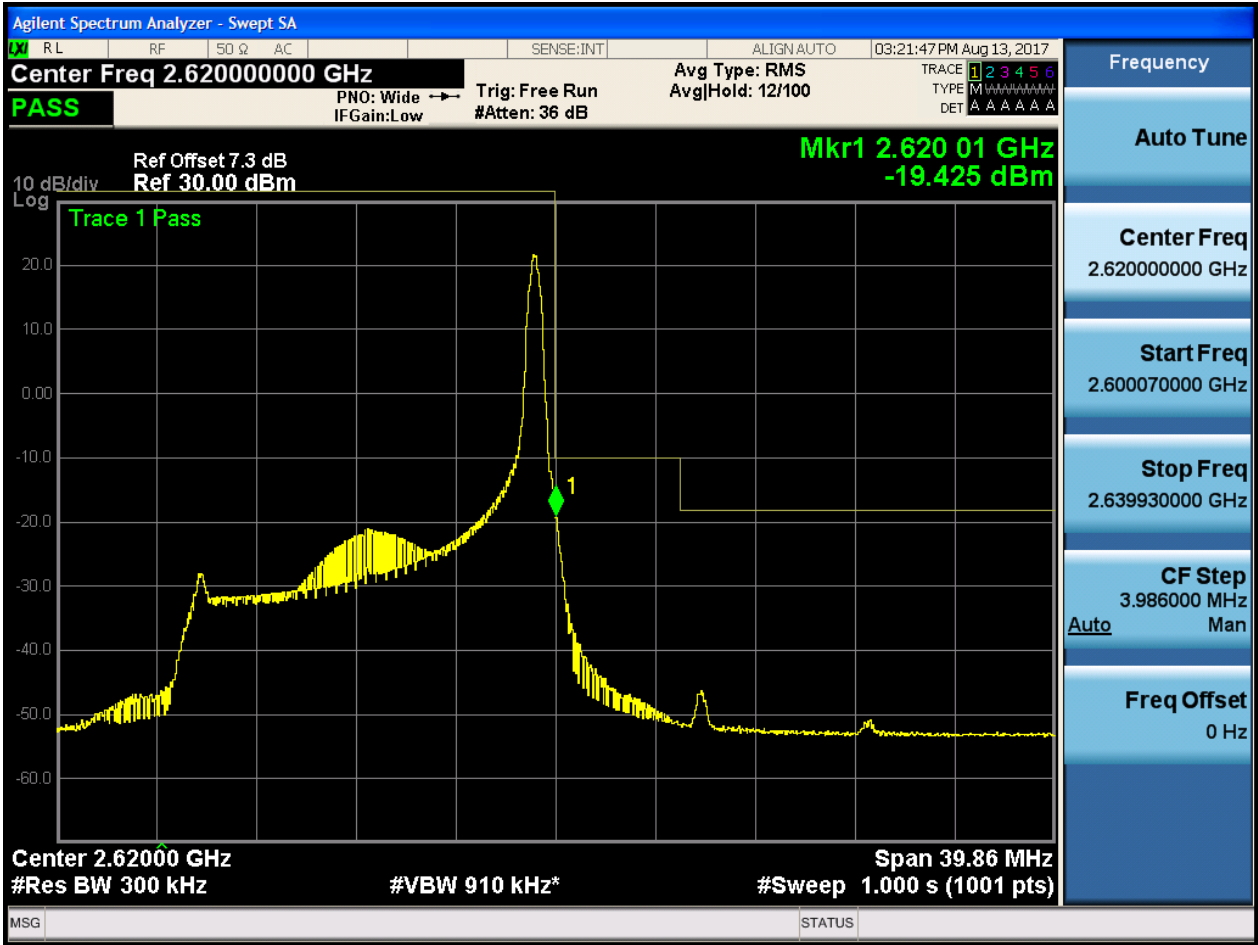
5.1.1.2.3.2 Test Channel = HCH

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

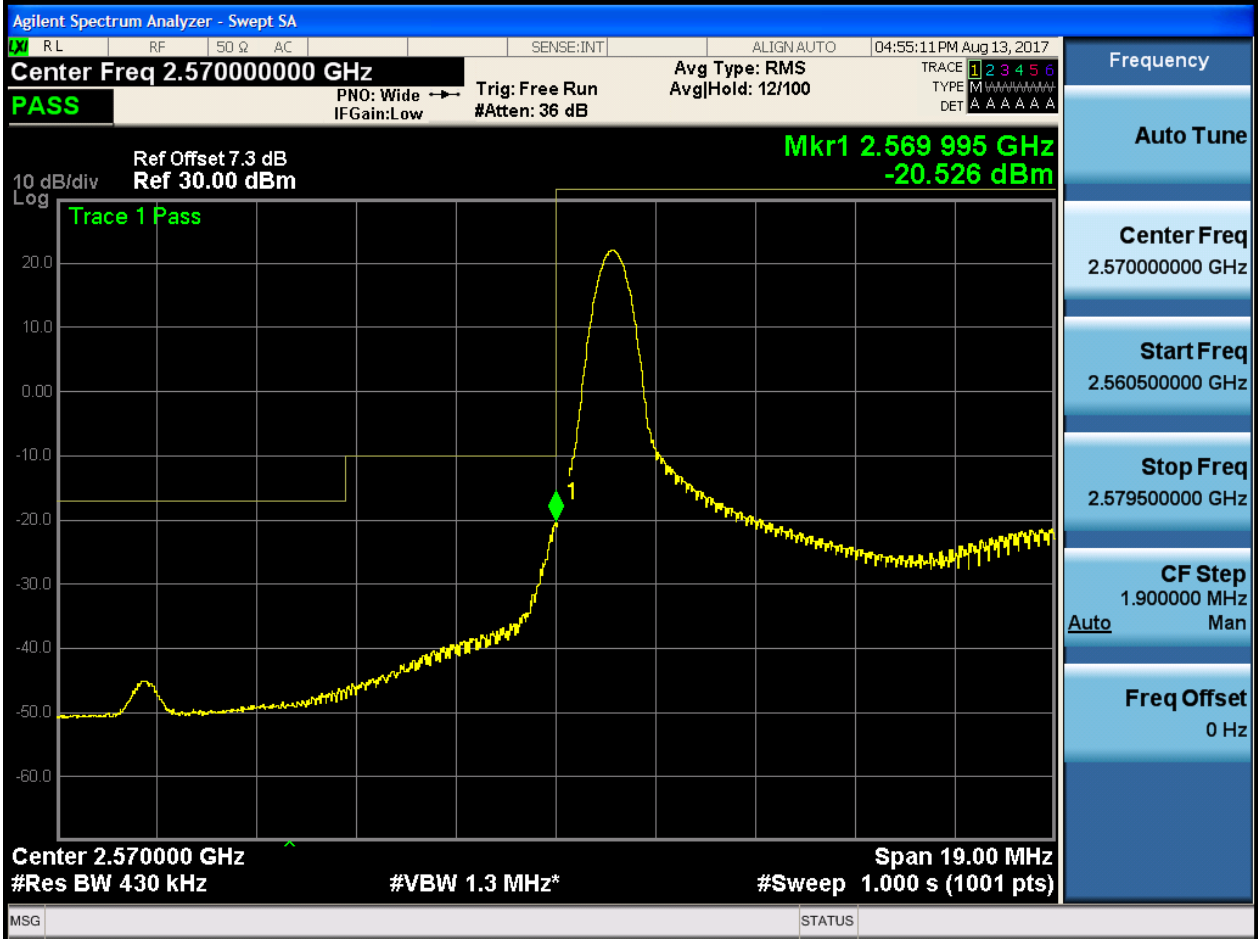




5.1.1.2.4 Test Bandwidth = 20

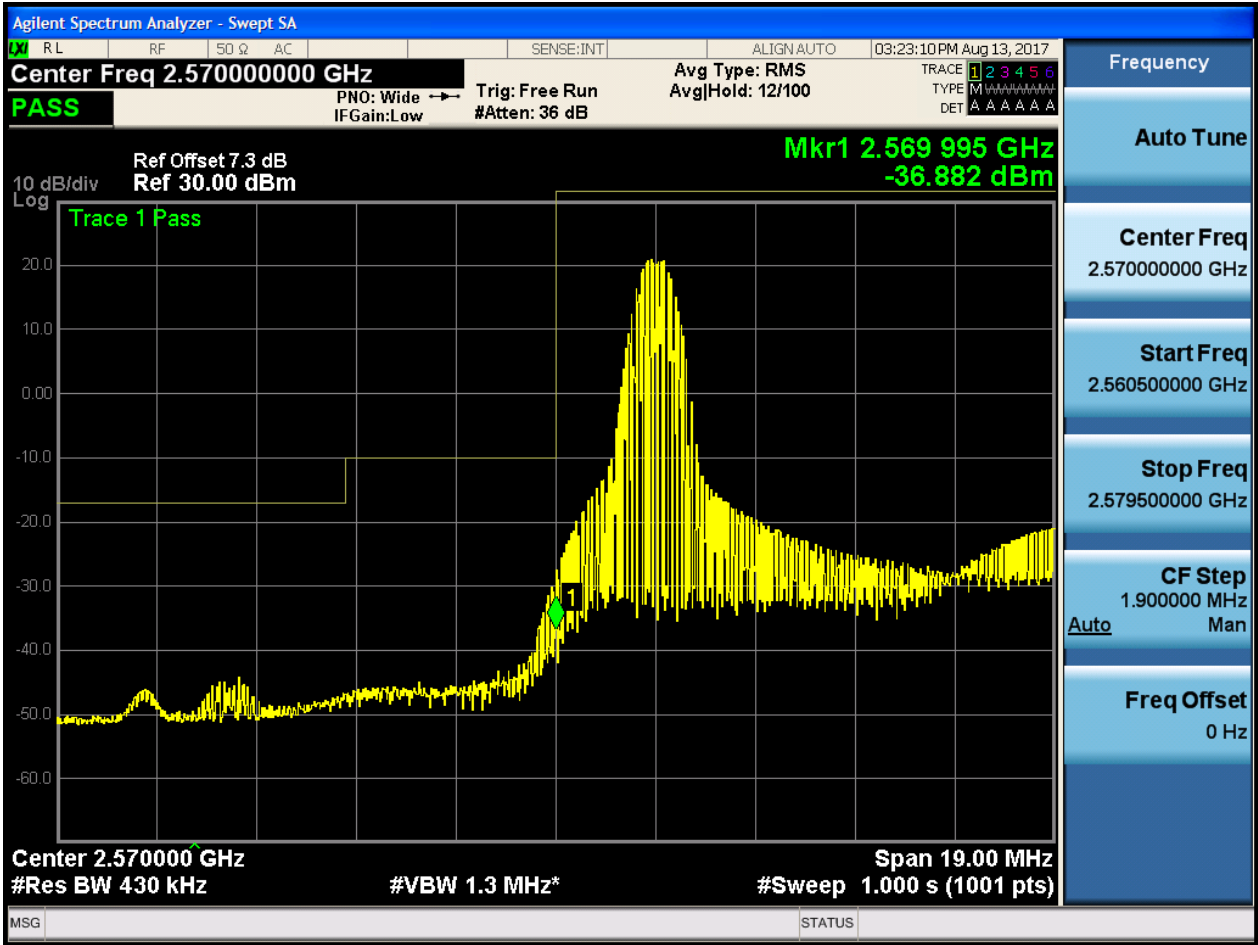
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



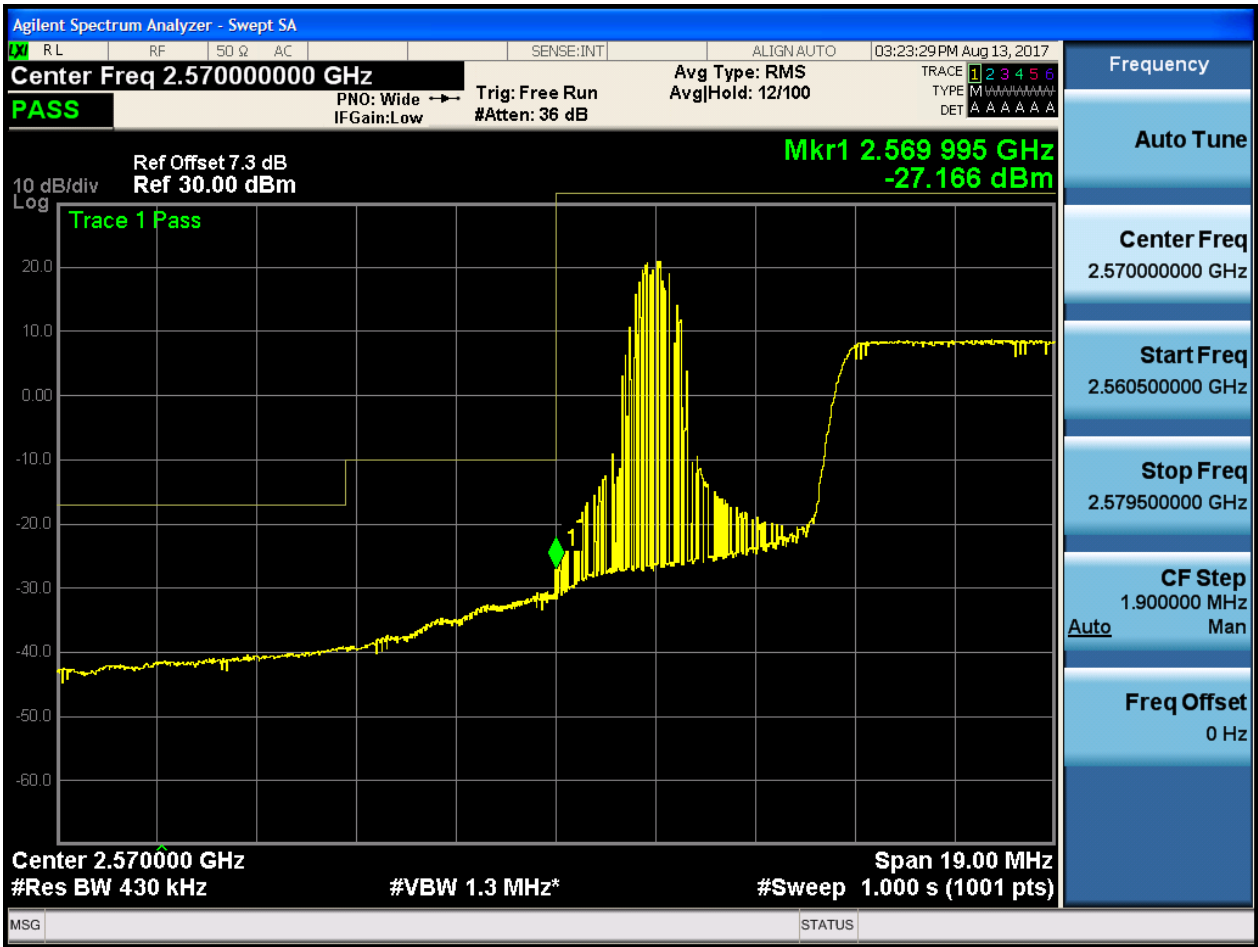


5.1.1.2.4.1.2 Test RB = RB1#99



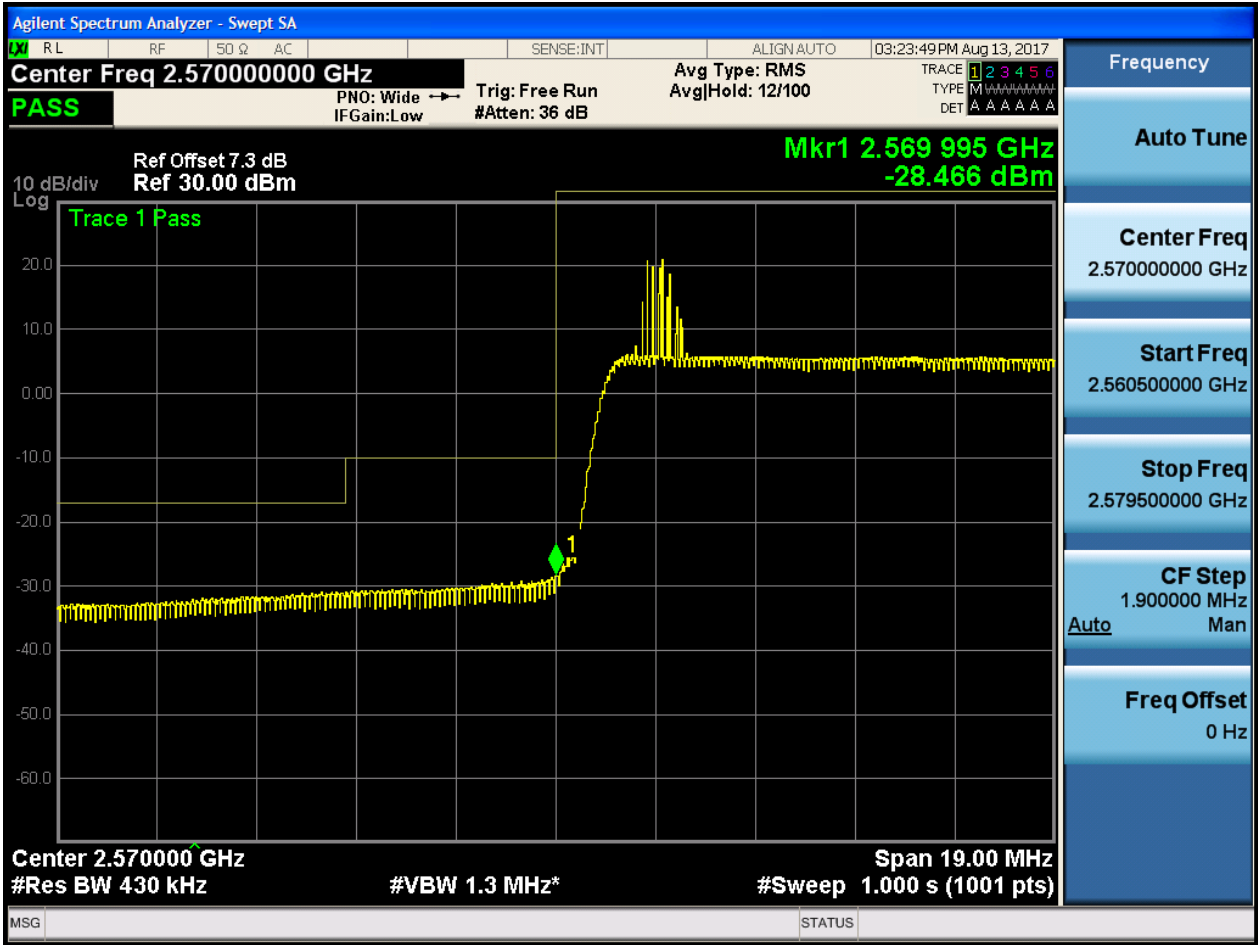


5.1.1.2.4.1.3 Test RB = RB50#25





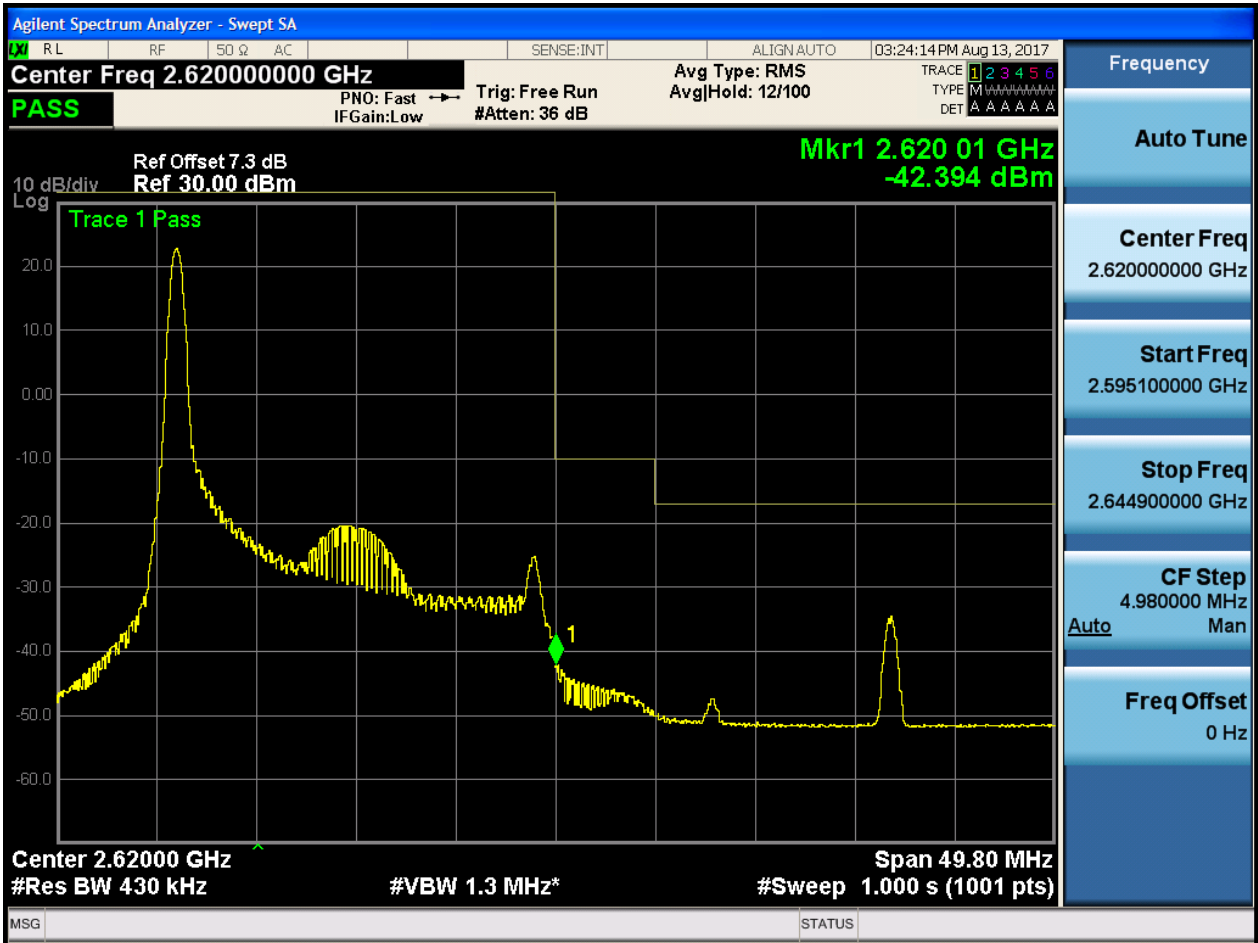
5.1.1.2.4.1.4 Test RB = RB100#0





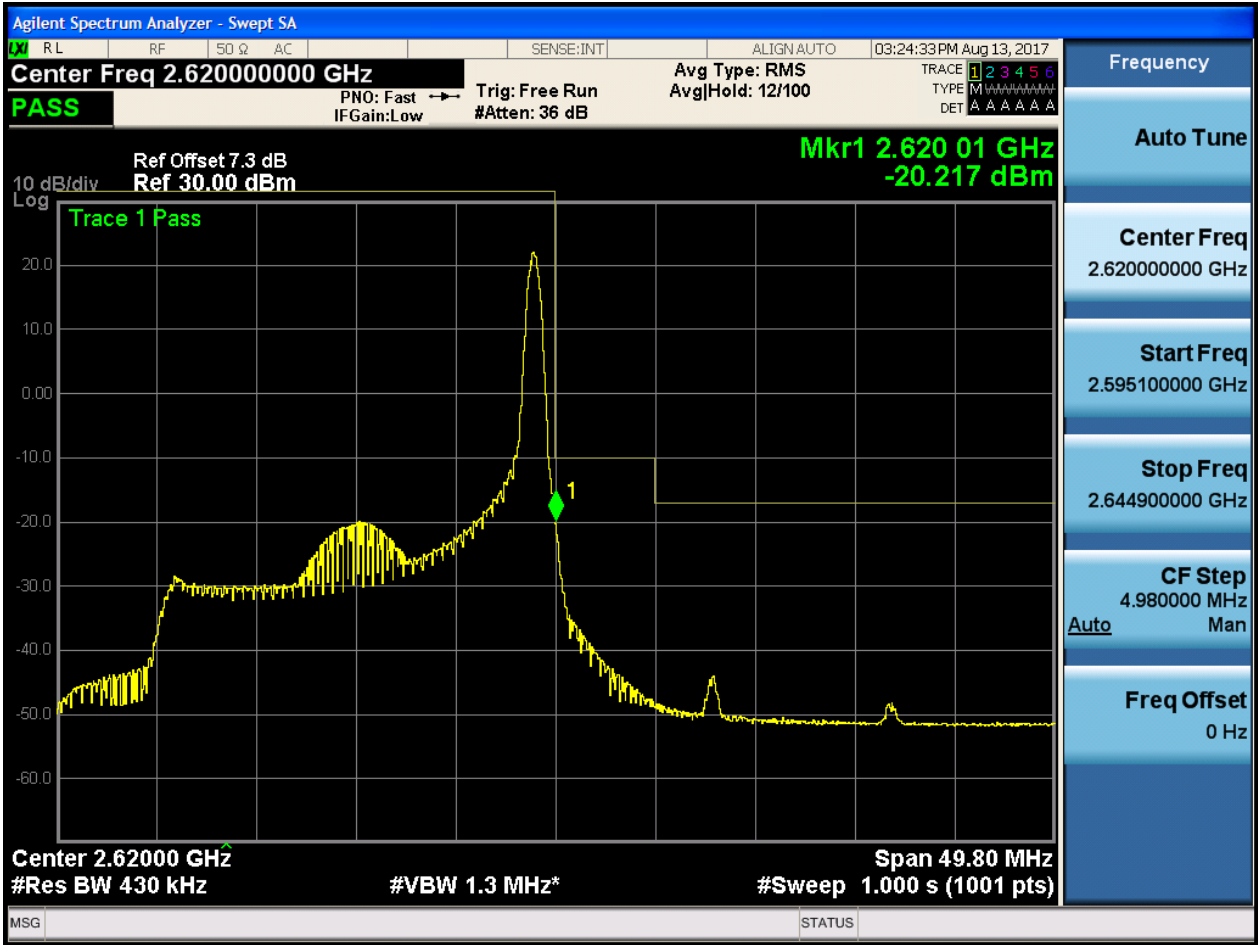
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





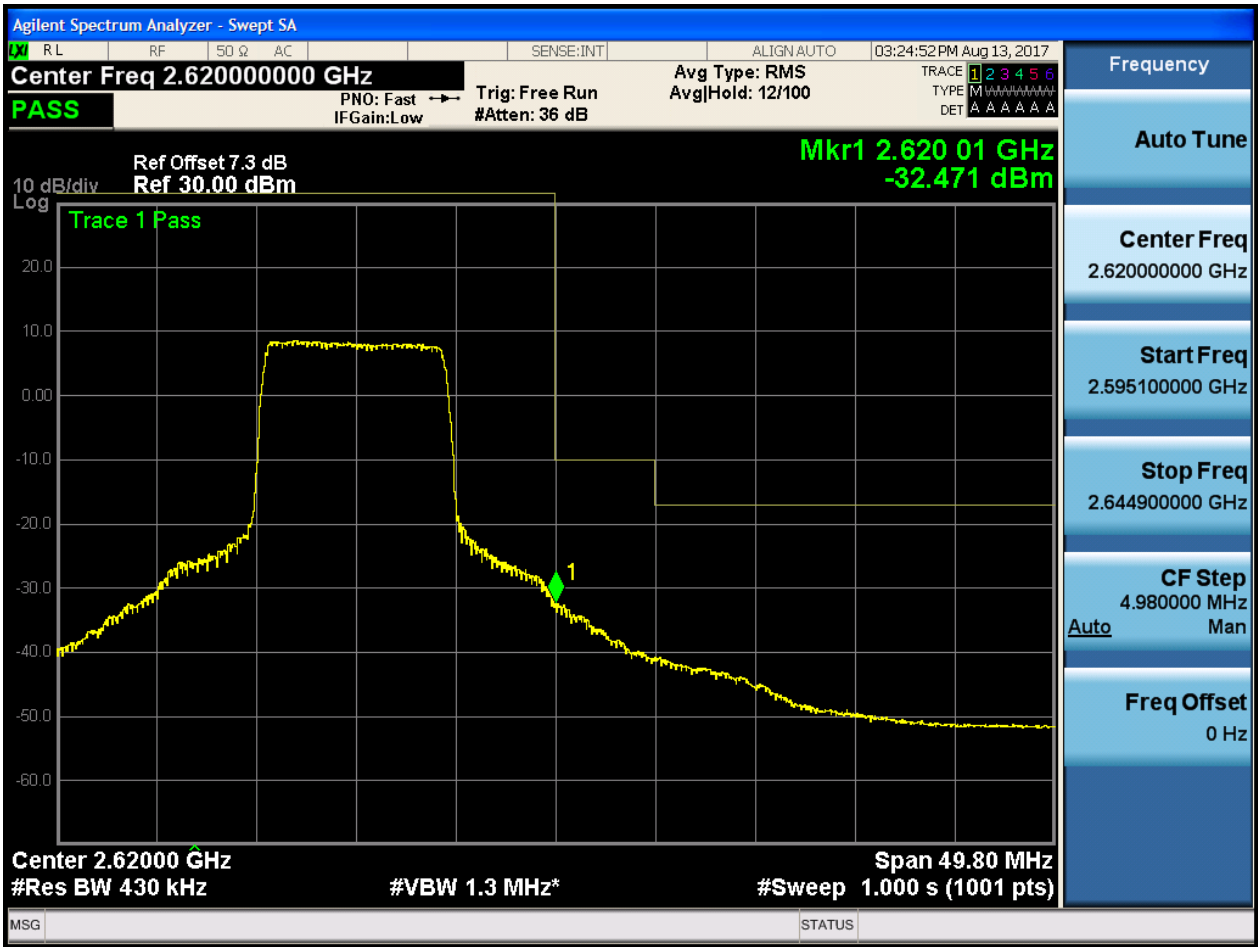
5.1.1.2.4.2.2 Test RB = RB1#99







5.1.1.2.4.2.3 Test RB = RB50#25







## 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

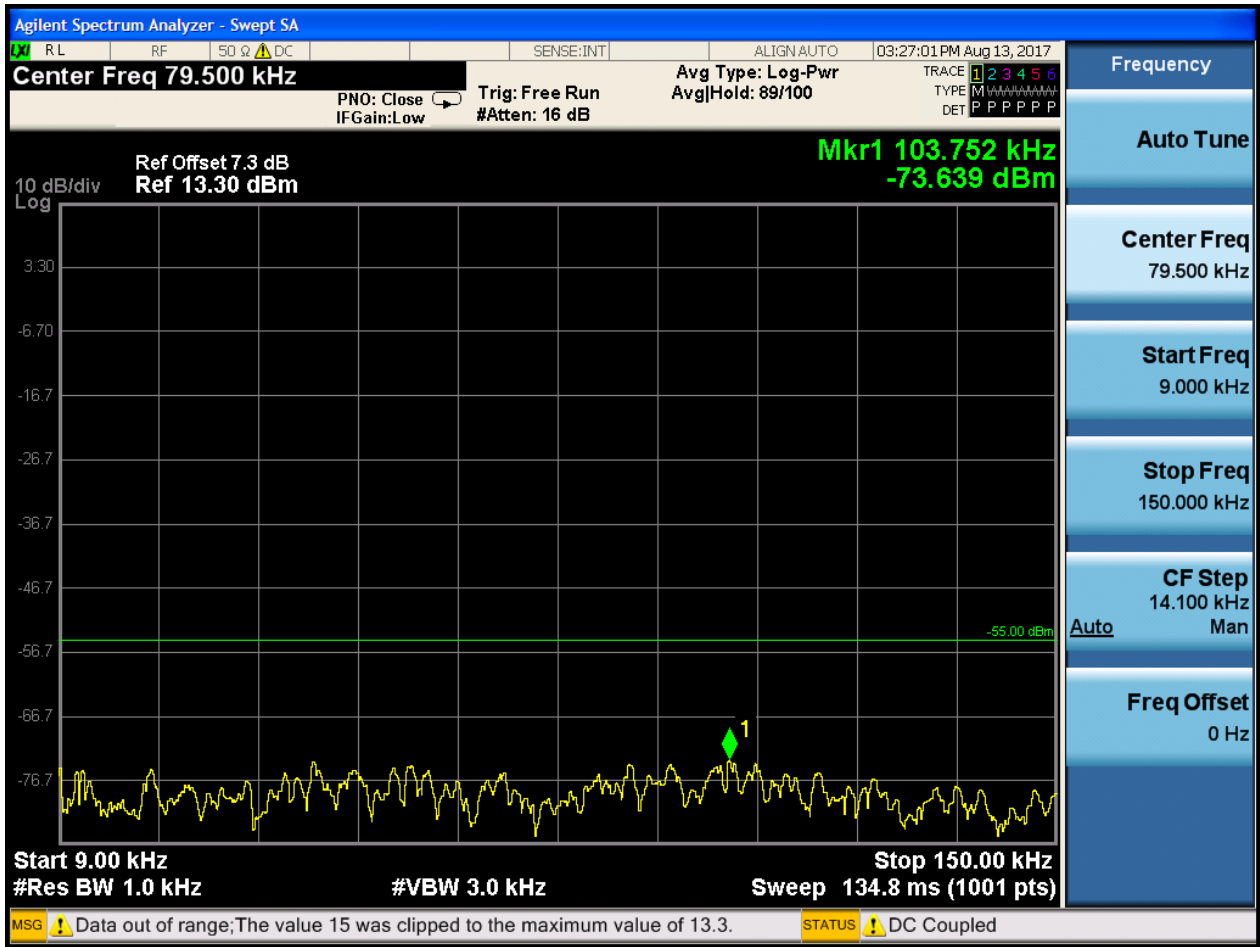
##### 6.1.1 Test Band = BAND38

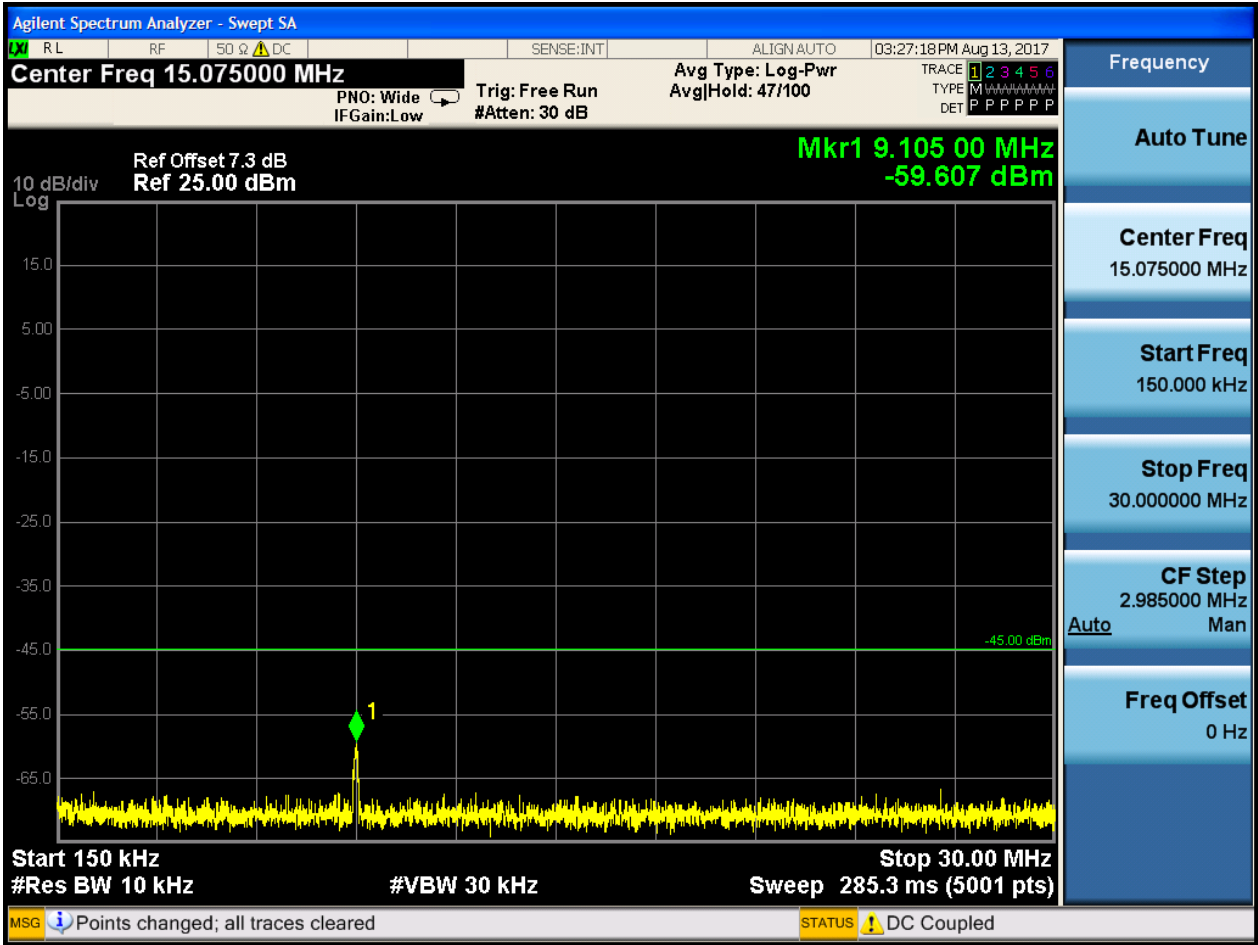
##### 6.1.1.1 Test Mode = LTE/TM1

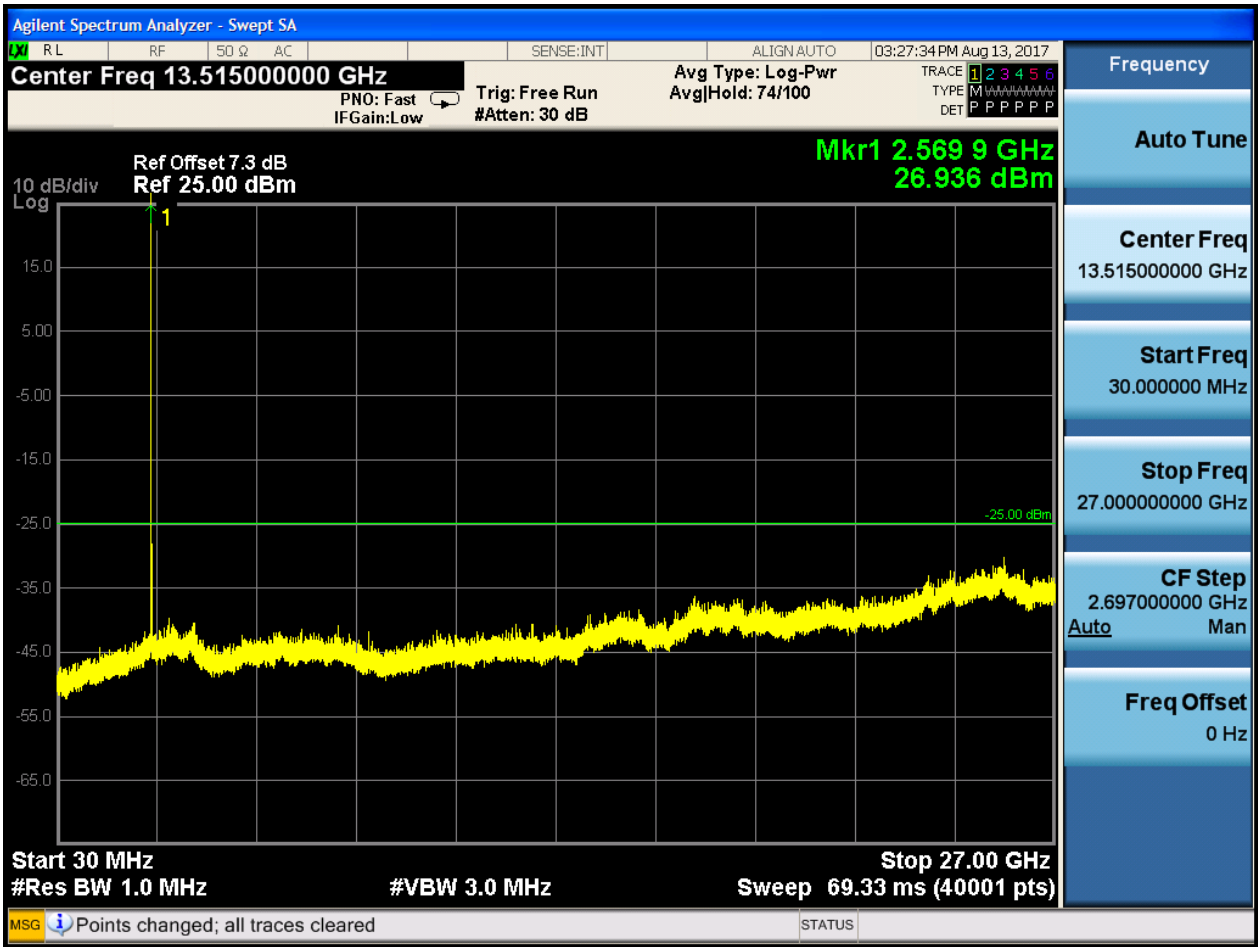
##### 6.1.1.1.1 Test Bandwidth = 5

##### 6.1.1.1.1.1 Test Channel = LCH

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



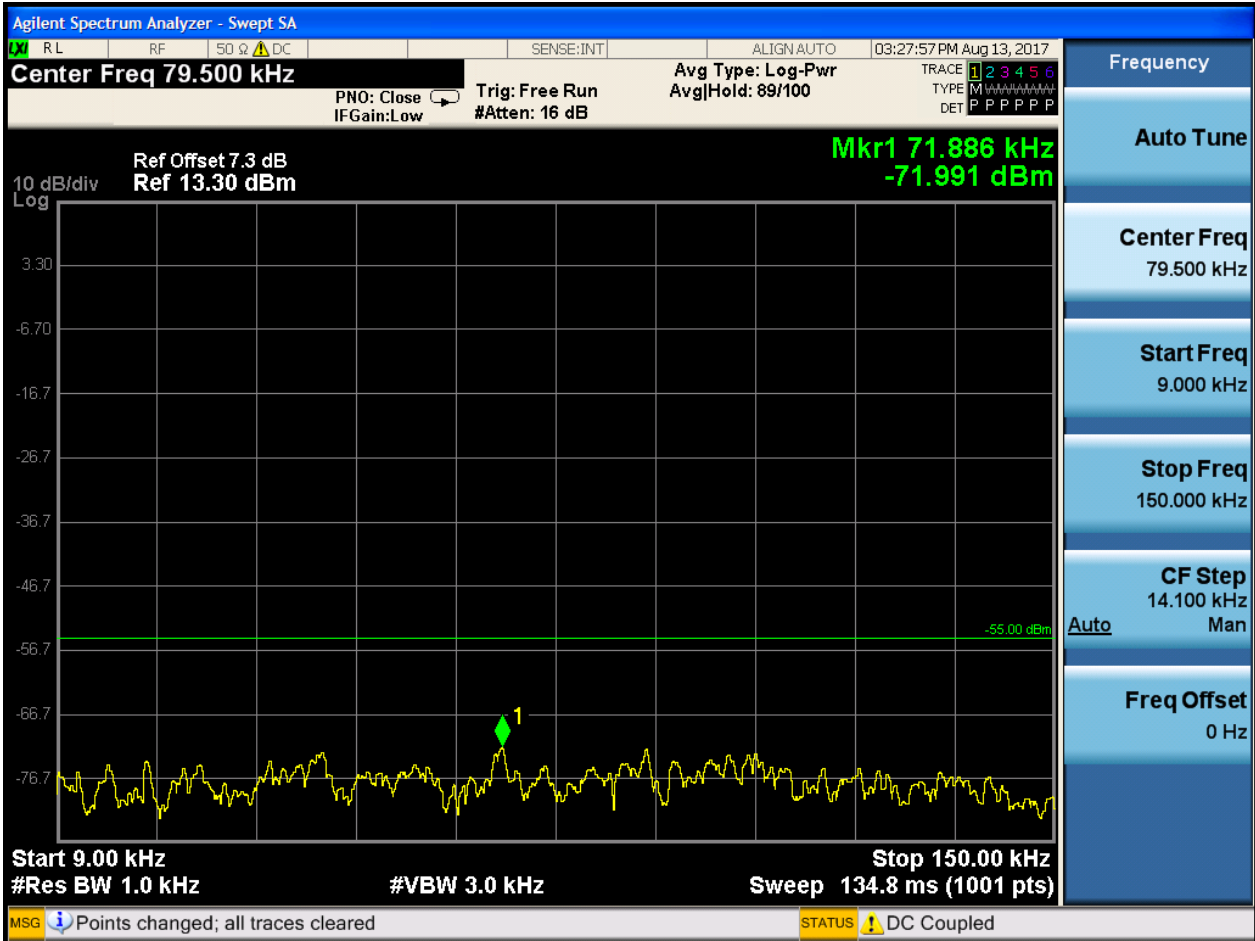


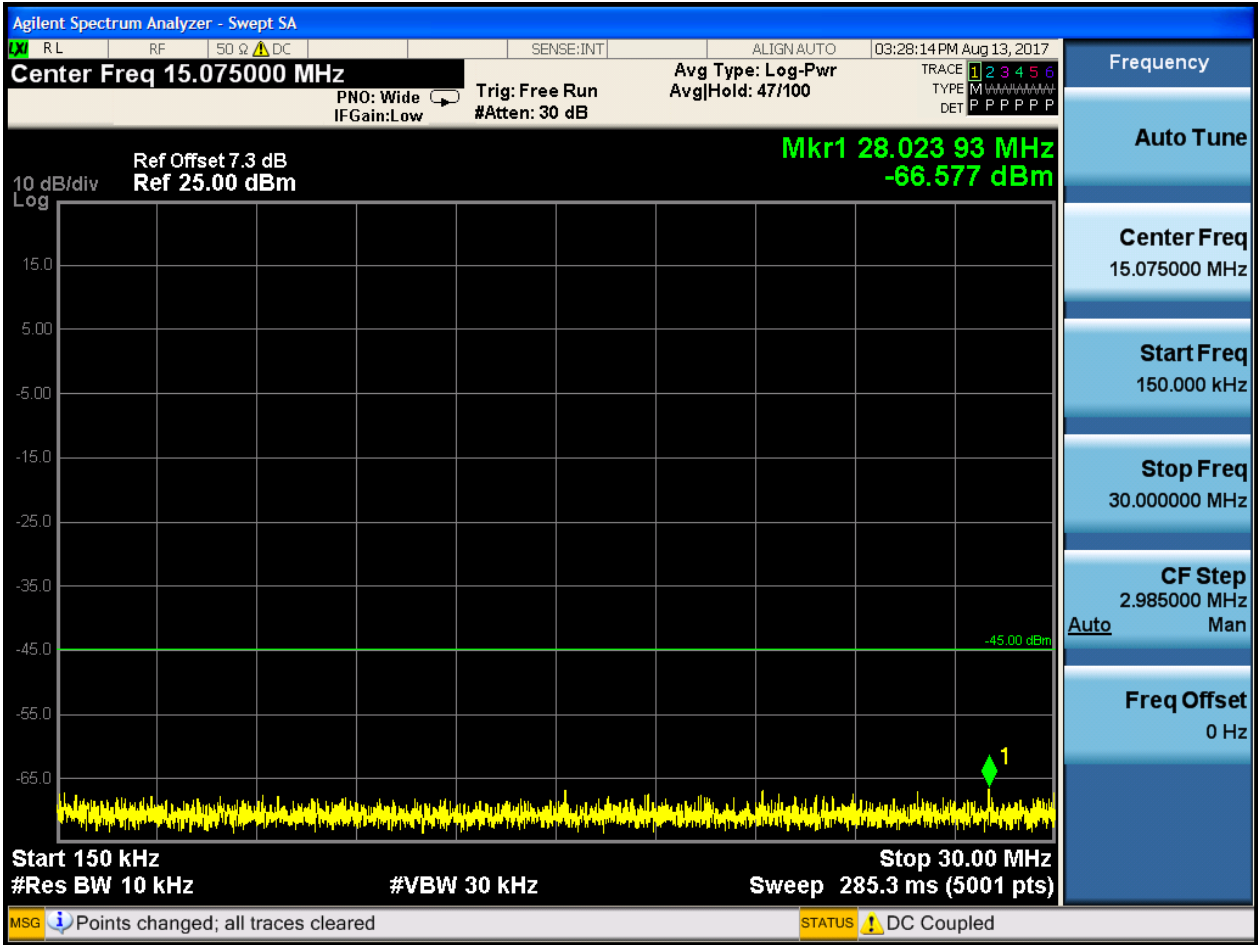




6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0





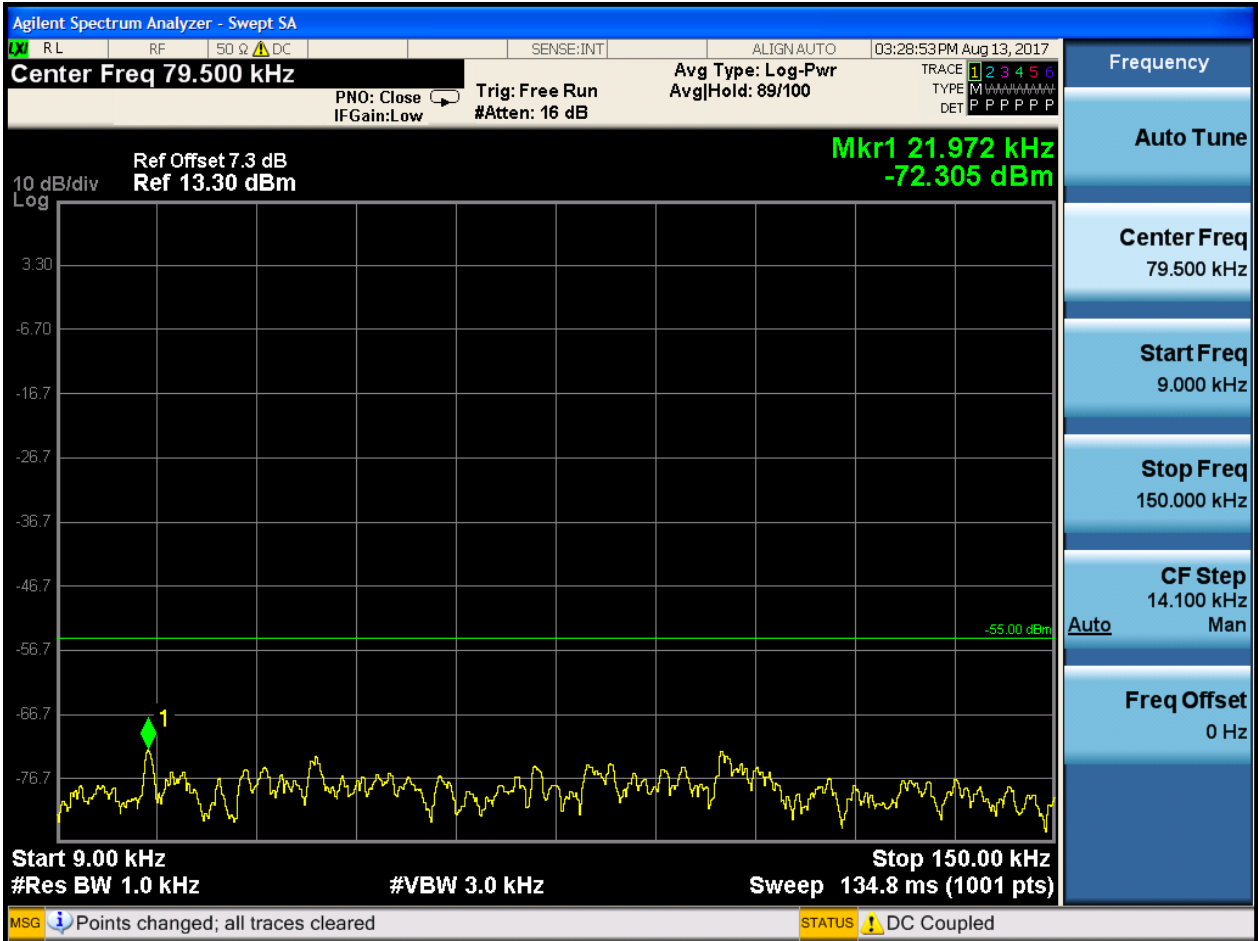






6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





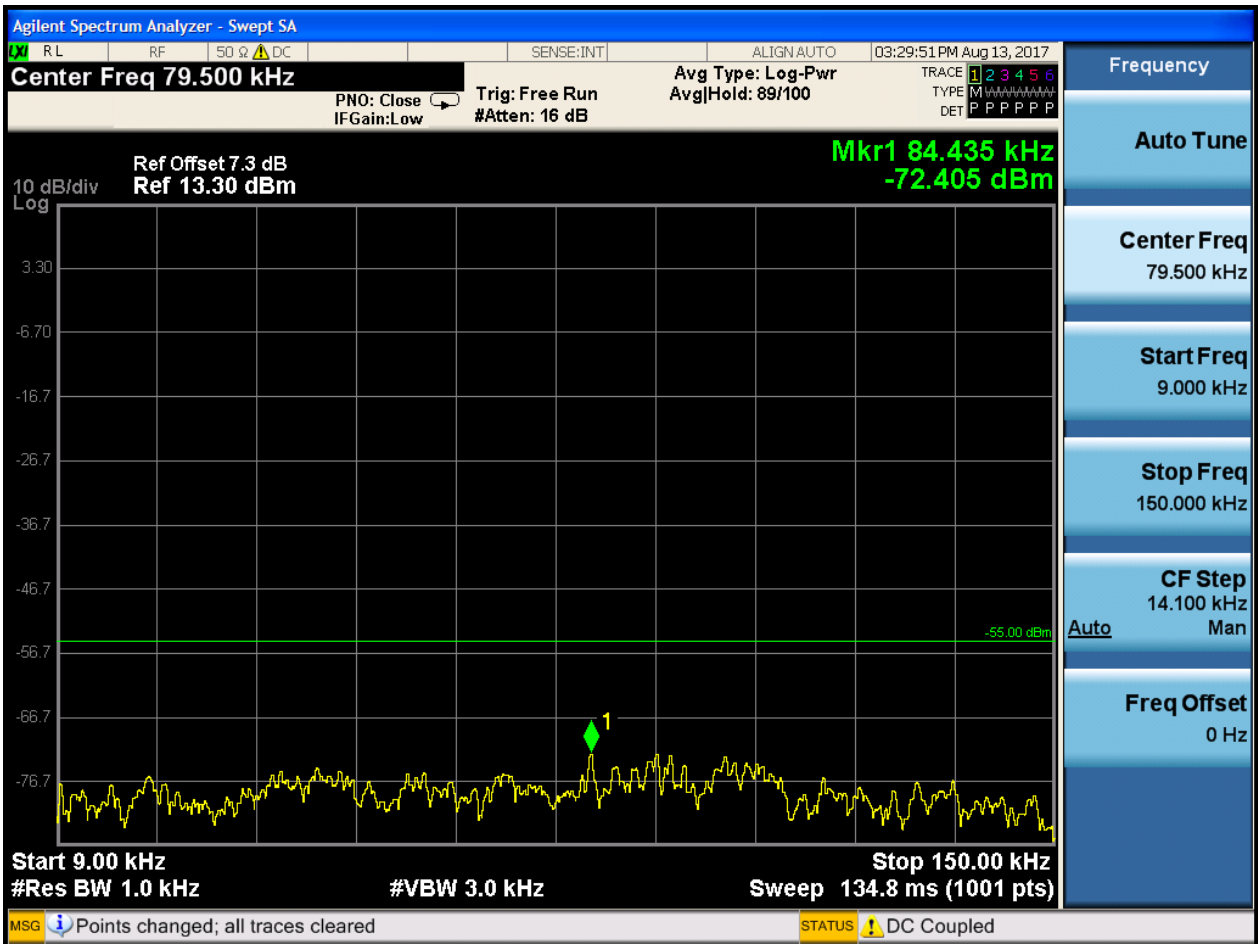


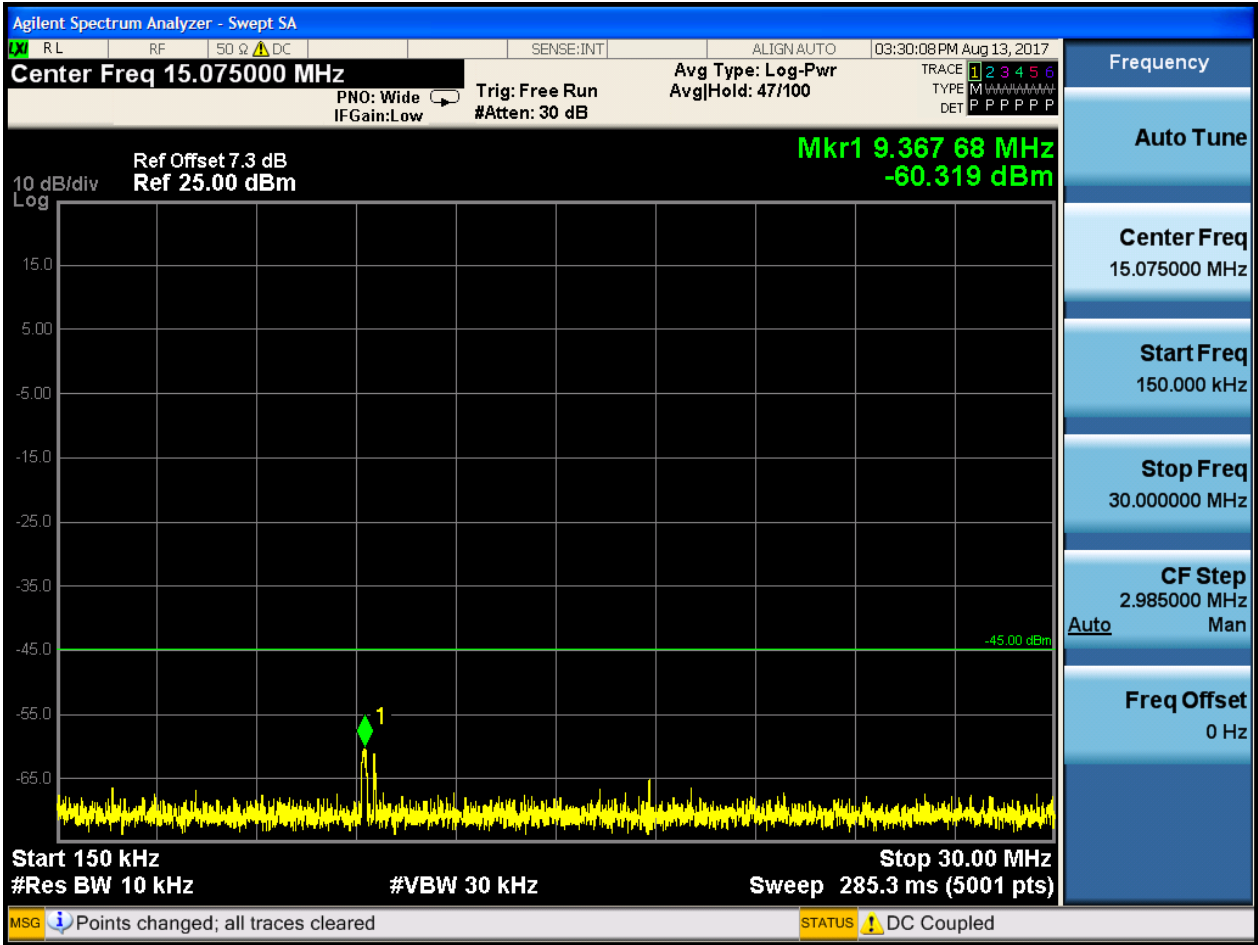


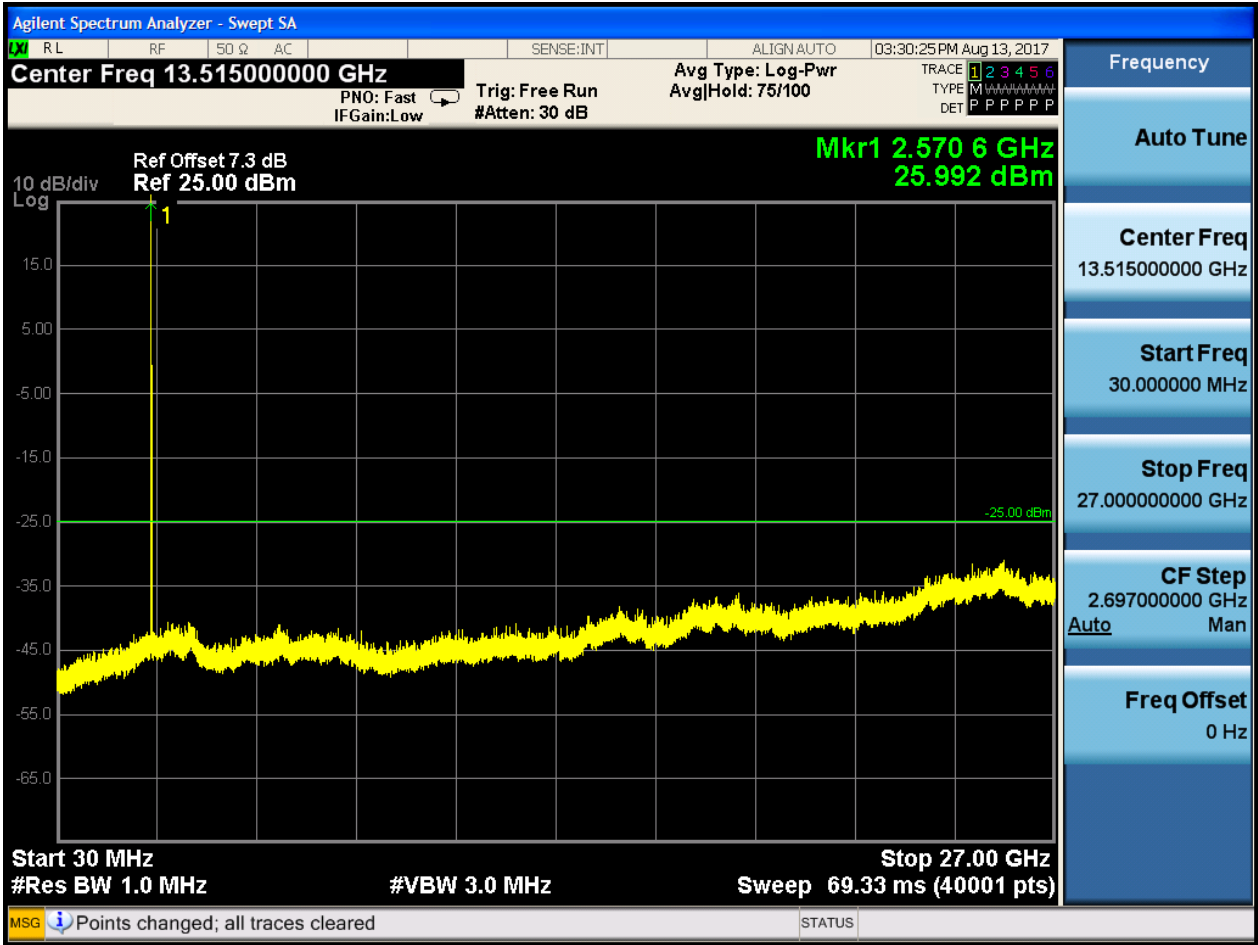
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



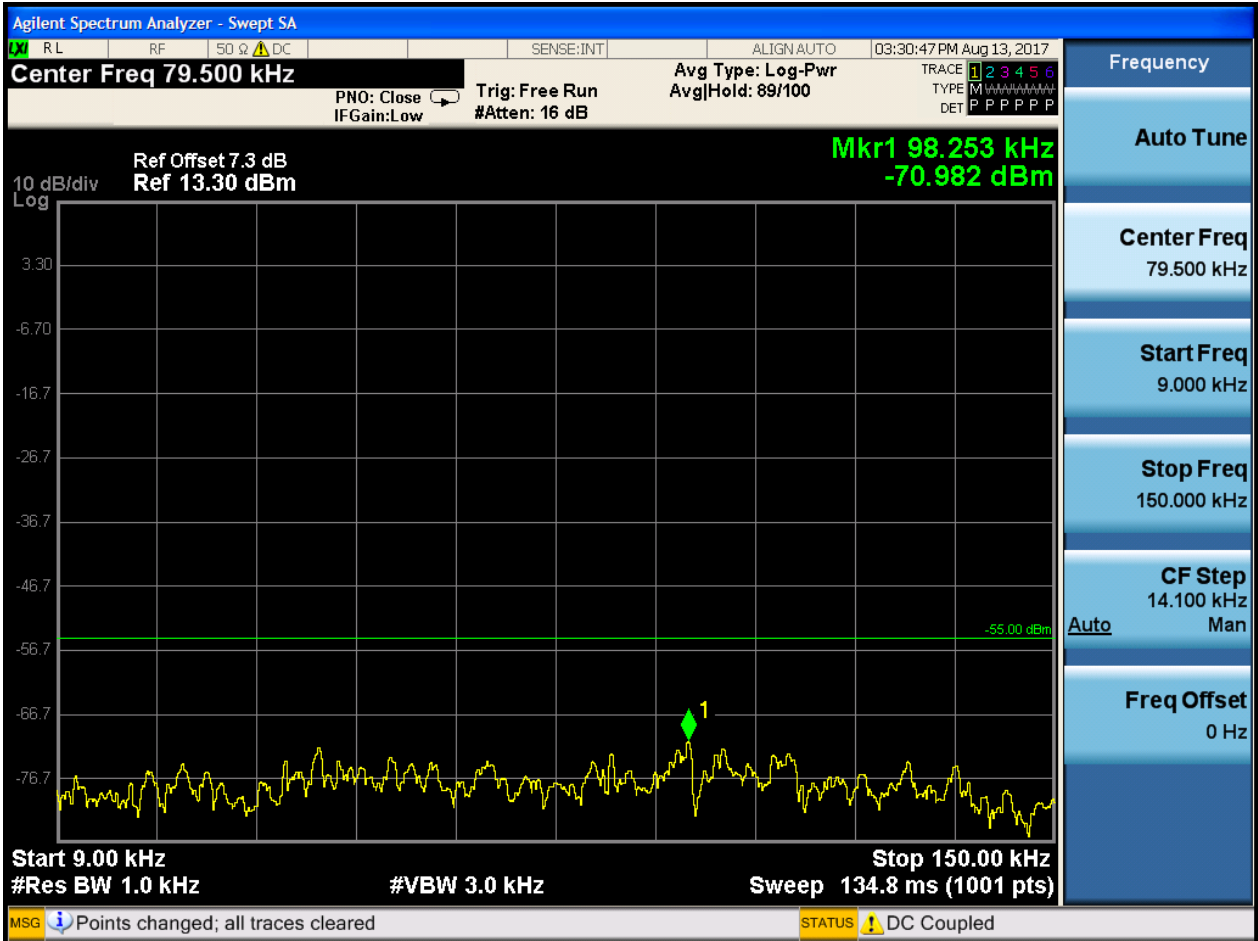




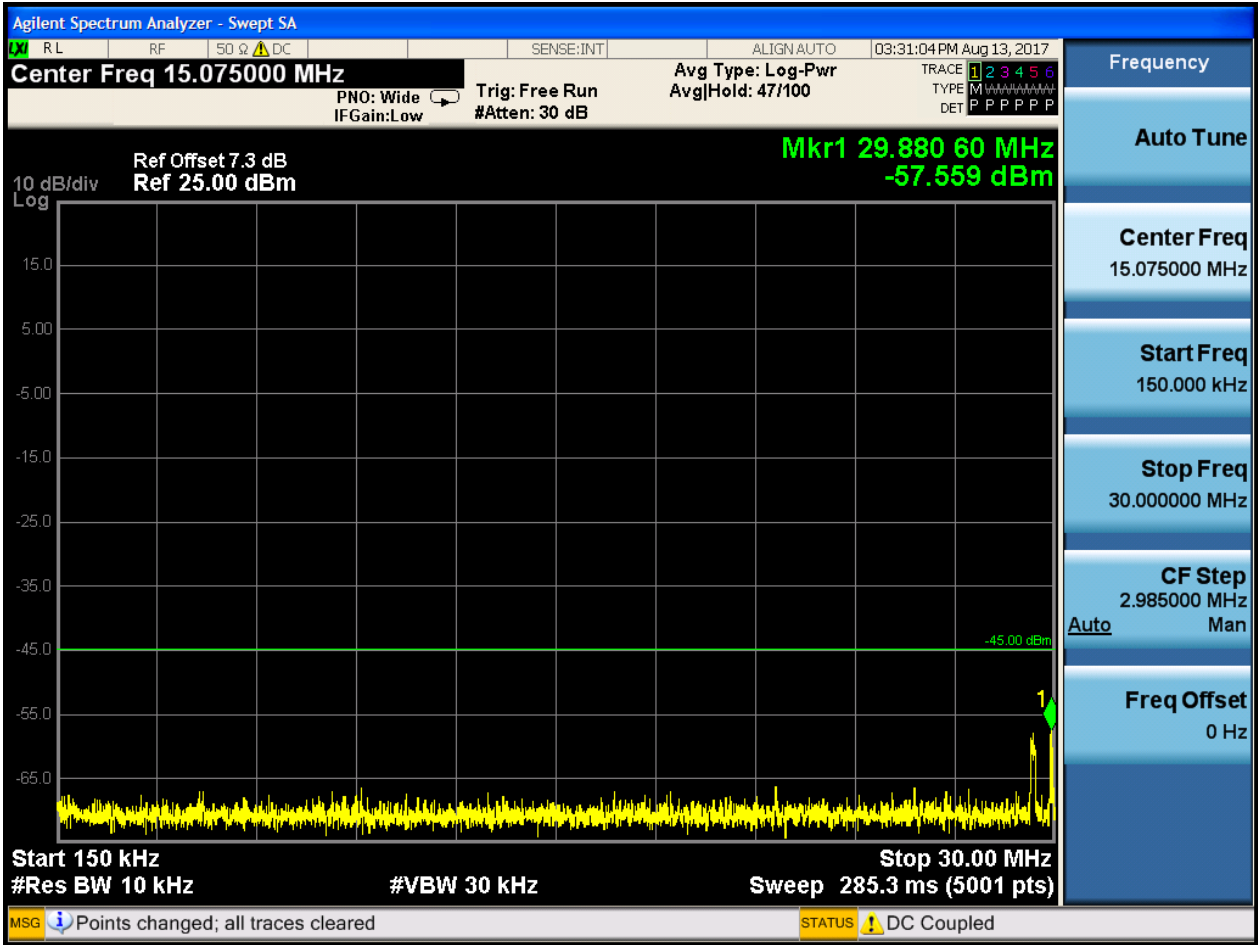


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0









6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0

