



# 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
BAND41	LTE/TM1	5	LCH	RB1#0	21.93	21.03	33	PASS
				RB1#13	22.29	21.39	33	PASS
				RB1#24	22.13	21.23	33	PASS
				RB12#0	20.75	19.85	33	PASS
				RB12#6	20.84	19.94	33	PASS
				RB12#13	20.66	19.76	33	PASS
			MCH	RB25#0	20.69	19.79	33	PASS
				RB1#0	21.77	20.87	33	PASS
				RB1#13	21.96	21.06	33	PASS
				RB1#24	21.86	20.96	33	PASS
				RB12#0	20.54	19.64	33	PASS
				RB12#6	20.62	19.72	33	PASS
			RB12#13	20.4	19.5	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.49	19.59	33	PASS
			HCH	RB1#0	21.71	20.81	33	PASS
				RB1#13	21.95	21.05	33	PASS
				RB1#24	21.98	21.08	33	PASS
				RB12#0	20.51	19.61	33	PASS
				RB12#6	20.57	19.67	33	PASS
				RB12#13	20.36	19.46	33	PASS
				RB25#0	20.33	19.43	33	PASS
		10		LCH	RB1#0	22.15	21.25	33
			RB1#25		22.23	21.33	33	PASS
			RB1#49		21.55	20.65	33	PASS
			RB25#0		20.79	19.89	33	PASS
			RB25#13		20.76	19.86	33	PASS
			RB25#25		20.5	19.6	33	PASS
			RB50#0		20.64	19.74	33	PASS
			MCH	RB1#0	21.92	21.02	33	PASS
				RB1#25	22.05	21.15	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#49	21.59	20.69	33	PASS	
				RB25#0	20.46	19.56	33	PASS	
				RB25#13	20.54	19.64	33	PASS	
				RB25#25	20.42	19.52	33	PASS	
				RB50#0	20.44	19.54	33	PASS	
			HCH	RB1#0	22.02	21.12	33	PASS	
				RB1#25	22.03	21.13	33	PASS	
				RB1#49	21.82	20.92	33	PASS	
				RB25#0	20.47	19.57	33	PASS	
				RB25#13	20.49	19.59	33	PASS	
				RB25#25	20.34	19.44	33	PASS	
				RB50#0	20.34	19.44	33	PASS	
			15	LCH	RB1#0	22.27	21.37	33	PASS
					RB1#38	22	21.1	33	PASS
		RB1#74			21.95	21.05	33	PASS	
		RB36#0			20.73	19.83	33	PASS	
		RB36#18			20.65	19.75	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict			
				RB36#39	20.45	19.55	33	PASS			
				RB75#0	20.53	19.63	33	PASS			
			MCH	RB1#0	22.11	21.21	33	PASS			
				RB1#38	22.18	21.28	33	PASS			
				RB1#74	22.11	21.21	33	PASS			
				RB36#0	20.44	19.54	33	PASS			
				RB36#18	20.63	19.73	33	PASS			
				RB36#39	20.45	19.55	33	PASS			
				RB75#0	20.31	19.41	33	PASS			
				HCH	RB1#0	22.08	21.18	33	PASS		
			RB1#38		22.07	21.17	33	PASS			
			RB1#74		22.2	21.3	33	PASS			
			RB36#0		20.41	19.51	33	PASS			
			RB36#18		20.57	19.67	33	PASS			
			RB36#39		20.26	19.36	33	PASS			
						RB75#0	20.32	19.42	33	PASS	
					20	LCH	RB1#0	22	21.1	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	21.87	20.97	33	PASS
				RB1#99	22.17	21.27	33	PASS
				RB50#0	20.63	19.73	33	PASS
				RB50#25	20.42	19.52	33	PASS
				RB50#50	20.32	19.42	33	PASS
				RB100#0	20.4	19.5	33	PASS
			MCH	RB1#0	21.86	20.96	33	PASS
			MCH	RB1#50	21.96	21.06	33	PASS
			MCH	RB1#99	22.05	21.15	33	PASS
			MCH	RB50#0	20.37	19.47	33	PASS
			MCH	RB50#25	20.45	19.55	33	PASS
			MCH	RB50#50	20.31	19.41	33	PASS
			MCH	RB100#0	20.16	19.26	33	PASS
			HCH	RB1#0	21.83	20.93	33	PASS
			HCH	RB1#50	21.82	20.92	33	PASS
			HCH	RB1#99	22.12	21.22	33	PASS
			HCH	RB50#0	20.4	19.5	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB50#25	20.25	19.35	33	PASS	
				RB50#50	20.11	19.21	33	PASS	
				RB100#0	20.26	19.36	33	PASS	
	LTE/TM2	5		LCH	RB1#0	20.97	20.07	33	PASS
					RB1#13	21.35	20.45	33	PASS
					RB1#24	21.2	20.3	33	PASS
					RB12#0	20.68	19.78	33	PASS
					RB12#6	20.82	19.92	33	PASS
					RB12#13	20.63	19.73	33	PASS
					RB25#0	20.68	19.78	33	PASS
				MCH	RB1#0	21.21	20.31	33	PASS
					RB1#13	21.39	20.49	33	PASS
					RB1#24	21.24	20.34	33	PASS
					RB12#0	20.44	19.54	33	PASS
					RB12#6	20.52	19.62	33	PASS
				RB12#13	20.29	19.39	33	PASS	
				RB25#0	20.43	19.53	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	20.76	19.86	33	PASS
				RB1#13	21.02	20.12	33	PASS
				RB1#24	21.02	20.12	33	PASS
				RB12#0	20.55	19.65	33	PASS
				RB12#6	20.61	19.71	33	PASS
				RB12#13	20.42	19.52	33	PASS
				RB25#0	20.23	19.33	33	PASS
		10	LCH	RB1#0	21.47	20.57	33	PASS
				RB1#25	21.55	20.65	33	PASS
				RB1#49	20.9	20	33	PASS
				RB25#0	20.73	19.83	33	PASS
				RB25#13	20.7	19.8	33	PASS
				RB25#25	20.46	19.56	33	PASS
				RB50#0	20.56	19.66	33	PASS
				MCH	RB1#0	21.33	20.43	33
RB1#25	21.43	20.53	33		PASS			
RB1#49	21.07	20.17	33		PASS			





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.41	19.51	33	PASS
				RB25#13	20.5	19.6	33	PASS
				RB25#25	20.38	19.48	33	PASS
				RB50#0	20.42	19.52	33	PASS
			HCH	RB1#0	20.98	20.08	33	PASS
				RB1#25	21.06	20.16	33	PASS
				RB1#49	20.77	19.87	33	PASS
				RB25#0	20.4	19.5	33	PASS
				RB25#13	20.41	19.51	33	PASS
				RB25#25	20.26	19.36	33	PASS
				RB50#0	20.17	19.27	33	PASS
				15	LCH	RB1#0	21.51	20.61
		RB1#38	21.34			20.44	33	PASS
		RB1#74	21.28			20.38	33	PASS
		RB36#0	20.68			19.78	33	PASS
		RB36#18	20.6			19.7	33	PASS
		RB36#39	20.4			19.5	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	20.48	19.58	33	PASS
			MCH	RB1#0	21.19	20.29	33	PASS
				RB1#38	21.16	20.26	33	PASS
				RB1#74	21.16	20.26	33	PASS
				RB36#0	20.36	19.46	33	PASS
				RB36#18	20.56	19.66	33	PASS
				RB36#39	20.38	19.48	33	PASS
				RB75#0	20.23	19.33	33	PASS
				HCH	RB1#0	21.02	20.12	33
			RB1#38		21.08	20.18	33	PASS
			RB1#74		21.05	20.15	33	PASS
			RB36#0		20.3	19.4	33	PASS
			RB36#18		20.45	19.55	33	PASS
			RB36#39		20.14	19.24	33	PASS
			RB75#0		20.2	19.3	33	PASS
		20	LCH		RB1#0	21.15	20.25	33
				RB1#50	21.17	20.27	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	21.41	20.51	33	PASS
				RB50#0	20.52	19.62	33	PASS
				RB50#25	20.32	19.42	33	PASS
				RB50#50	20.29	19.39	33	PASS
				RB100#0	20.32	19.42	33	PASS
			MCH	RB1#0	20.81	19.91	33	PASS
			MCH	RB1#50	20.94	20.04	33	PASS
			MCH	RB1#99	21.12	20.22	33	PASS
			MCH	RB50#0	20.28	19.38	33	PASS
			MCH	RB50#25	20.36	19.46	33	PASS
			MCH	RB50#50	20.29	19.39	33	PASS
			MCH	RB100#0	20.09	19.19	33	PASS
			HCH	RB1#0	20.61	19.71	33	PASS
			HCH	RB1#50	20.59	19.69	33	PASS
			HCH	RB1#99	20.88	19.98	33	PASS
			HCH	RB50#0	20.29	19.39	33	PASS
			HCH	RB50#25	20.13	19.23	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	20.04	19.14	33	PASS
				RB100#0	20.26	19.36	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
BAND41	LTE/TM1	5	LCH	RB1#0	3.83	13	PASS
				RB1#13	3.51	13	PASS
				RB1#24	3.77	13	PASS
				RB12#0	5.29	13	PASS
				RB12#6	5.23	13	PASS
				RB12#13	5.22	13	PASS
				RB25#0	5.93	13	PASS
			MCH	RB1#0	4.93	13	PASS
				RB1#13	5.03	13	PASS
				RB1#24	4.95	13	PASS
				RB12#0	5.7	13	PASS
				RB12#6	5.92	13	PASS
				RB12#13	5.85	13	PASS
				RB25#0	6.34	13	PASS
		HCH	RB1#0	4.38	13	PASS	
			RB1#13	4.29	13	PASS	
			RB1#24	4.11	13	PASS	
			RB12#0	5.57	13	PASS	
			RB12#6	5.48	13	PASS	
			RB12#13	5.51	13	PASS	
			RB25#0	5.99	13	PASS	
		10	LCH	RB1#0	3.89	13	PASS
				RB1#25	3.64	13	PASS
				RB1#49	4.11	13	PASS
				RB25#0	5.28	13	PASS
				RB25#13	5.29	13	PASS
				RB25#25	5.48	13	PASS
				RB50#0	5.62	13	PASS
MCH	RB1#0		4.87	13	PASS		
	RB1#25		4.77	13	PASS		
	RB1#49		4.94	13	PASS		
	RB25#0		6.2	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#13	6.32	13	PASS	
				RB25#25	6.27	13	PASS	
				RB50#0	6.44	13	PASS	
			HCH	RB1#0	3.86	13	PASS	
				RB1#25	3.89	13	PASS	
				RB1#49	4.08	13	PASS	
				RB25#0	5.57	13	PASS	
				RB25#13	5.71	13	PASS	
				RB25#25	5.84	13	PASS	
				RB50#0	6.18	13	PASS	
				LCH	RB1#0	3.87	13	PASS
					RB1#38	3.85	13	PASS
		RB1#74	3.96		13	PASS		
		RB36#0	5.34		13	PASS		
		RB36#18	5.37		13	PASS		
		RB36#39	5.48		13	PASS		
		RB75#0	5.9		13	PASS		
		MCH	RB1#0	4.8	13	PASS		
			RB1#38	4.84	13	PASS		
			RB1#74	4.82	13	PASS		
			RB36#0	6.17	13	PASS		
			RB36#18	6.12	13	PASS		
			RB36#39	6.45	13	PASS		
			RB75#0	6.62	13	PASS		
		HCH	RB1#0	4.32	13	PASS		
			RB1#38	4.35	13	PASS		
			RB1#74	4.07	13	PASS		
			RB36#0	5.67	13	PASS		
			RB36#18	5.64	13	PASS		
			RB36#39	5.83	13	PASS		
			RB75#0	6.48	13	PASS		
		20	LCH	RB1#0	4.04	13	PASS	
				RB1#50	3.93	13	PASS	
RB1#99	4			13	PASS			
RB50#0	5.53			13	PASS			
RB50#25	5.66			13	PASS			
RB50#50	5.64			13	PASS			
RB100#0	6.02			13	PASS			
MCH	RB1#0		5.17	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	5.1	13	PASS			
				RB1#99	5.05	13	PASS			
				RB50#0	6.37	13	PASS			
				RB50#25	6.37	13	PASS			
				RB50#50	6.47	13	PASS			
				RB100#0	6.57	13	PASS			
			HCH	RB1#0	4.5	13	PASS			
				RB1#50	4.23	13	PASS			
				RB1#99	4.25	13	PASS			
				RB50#0	5.82	13	PASS			
				RB50#25	5.89	13	PASS			
				RB50#50	5.92	13	PASS			
					5	LCH	RB1#0	4.59	13	PASS
							RB1#13	4.23	13	PASS
	RB1#24	4.56					13	PASS		
	RB12#0	5.39					13	PASS		
	RB12#6	5.09					13	PASS		
	RB12#13	5.49					13	PASS		
	MCH	RB25#0				5.91	13	PASS		
		RB1#0				5.2	13	PASS		
		RB1#13				5.38	13	PASS		
		RB1#24				5.24	13	PASS		
		RB12#0				5.97	13	PASS		
		RB12#6				6.07	13	PASS		
	HCH	RB12#13				6.18	13	PASS		
		RB25#0				6.68	13	PASS		
		RB1#0				5.48	13	PASS		
		RB1#13				5.36	13	PASS		
		RB1#24	5.17	13	PASS					
		RB12#0	5.77	13	PASS					
		10	LCH	RB12#6	5.58	13	PASS			
				RB12#13	5.88	13	PASS			
				RB25#0	6.4	13	PASS			
				RB1#0	5.02	13	PASS			
				RB1#25	4.71	13	PASS			
				RB1#49	5.14	13	PASS			
				RB25#0	5.52	13	PASS			
				RB25#13	5.42	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	5.63	13	PASS
				RB50#0	6.14	13	PASS
			MCH	RB1#0	5.68	13	PASS
				RB1#25	5.63	13	PASS
				RB1#49	5.8	13	PASS
				RB25#0	6.65	13	PASS
				RB25#13	6.93	13	PASS
				RB25#25	6.69	13	PASS
			RB50#0	6.66	13	PASS	
			HCH	RB1#0	5.19	13	PASS
				RB1#25	5.13	13	PASS
				RB1#49	5.04	13	PASS
				RB25#0	5.86	13	PASS
				RB25#13	5.9	13	PASS
		RB25#25		5.89	13	PASS	
		RB50#0	6.36	13	PASS		
		15	LCH	RB1#0	4.66	13	PASS
				RB1#38	4.55	13	PASS
				RB1#74	4.61	13	PASS
				RB36#0	5.6	13	PASS
				RB36#18	5.53	13	PASS
				RB36#39	5.58	13	PASS
				RB75#0	6.51	13	PASS
			MCH	RB1#0	5.82	13	PASS
				RB1#38	6.06	13	PASS
				RB1#74	5.96	13	PASS
				RB36#0	6.57	13	PASS
				RB36#18	6.66	13	PASS
				RB36#39	6.59	13	PASS
				RB75#0	7.3	13	PASS
HCH	RB1#0		5.16	13	PASS		
	RB1#38		5.2	13	PASS		
	RB1#74	5	13	PASS			
	RB36#0	6.02	13	PASS			
	RB36#18	5.78	13	PASS			
	RB36#39	6.23	13	PASS			
	RB75#0	6.65	13	PASS			
20	LCH	RB1#0	4.95	13	PASS		
		RB1#50	4.69	13	PASS		





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.72	13	PASS
				RB50#0	5.64	13	PASS
				RB50#25	5.61	13	PASS
				RB50#50	5.69	13	PASS
				RB100#0	6.32	13	PASS
			MCH	RB1#0	5.73	13	PASS
				RB1#50	5.89	13	PASS
				RB1#99	5.62	13	PASS
				RB50#0	6.68	13	PASS
				RB50#25	6.67	13	PASS
				RB50#50	6.92	13	PASS
				RB100#0	7.5	13	PASS
			HCH	RB1#0	5.21	13	PASS
				RB1#50	5.24	13	PASS
				RB1#99	5.02	13	PASS
				RB50#0	6.28	13	PASS
				RB50#25	6.35	13	PASS
				RB50#50	6.4	13	PASS
				RB100#0	6.71	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

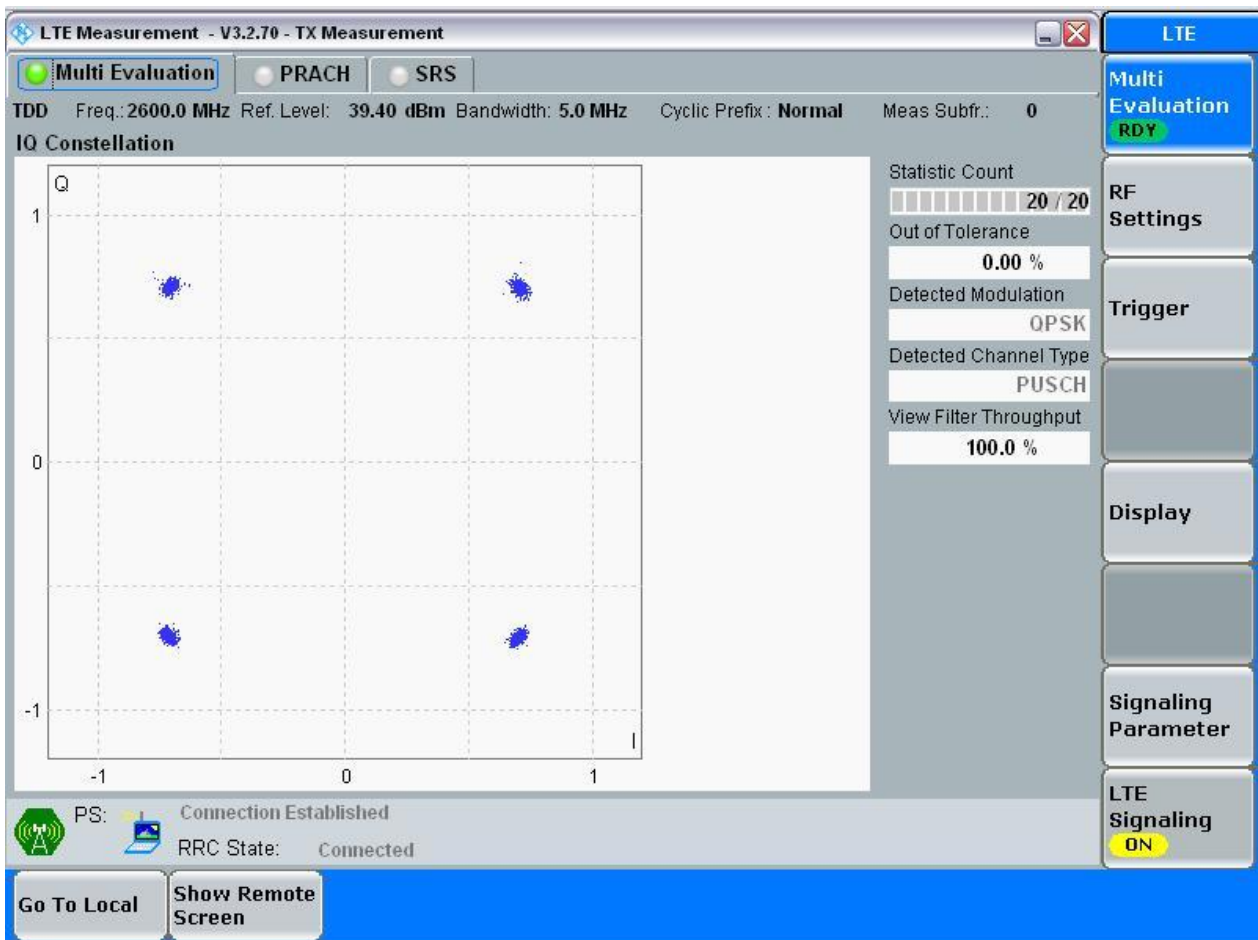
##### 3.1.1 Test Band = BAND41

##### 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

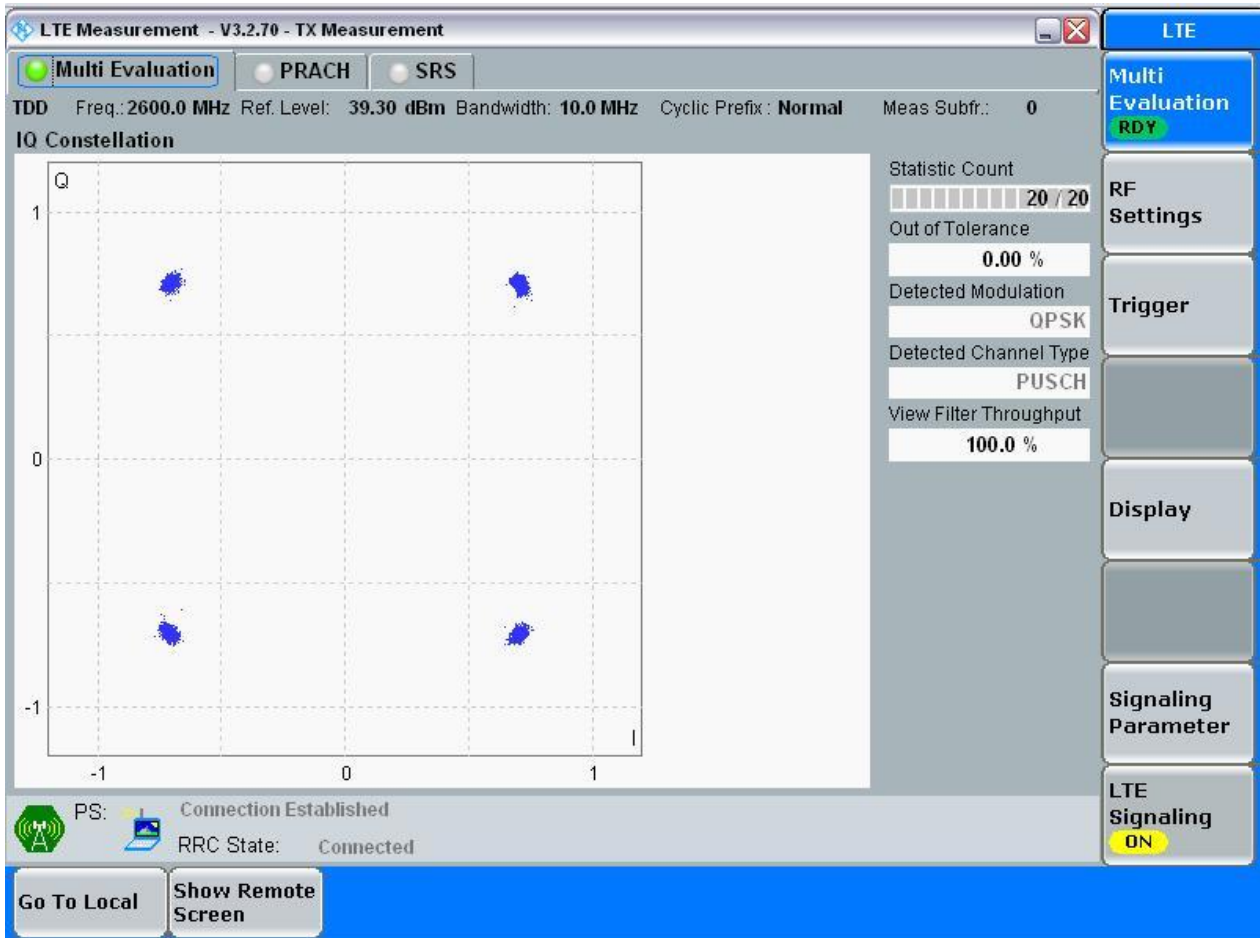
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 3.1.1.1.2 Test Bandwidth = 10

#### 3.1.1.1.2.1 Test Channel = MCH

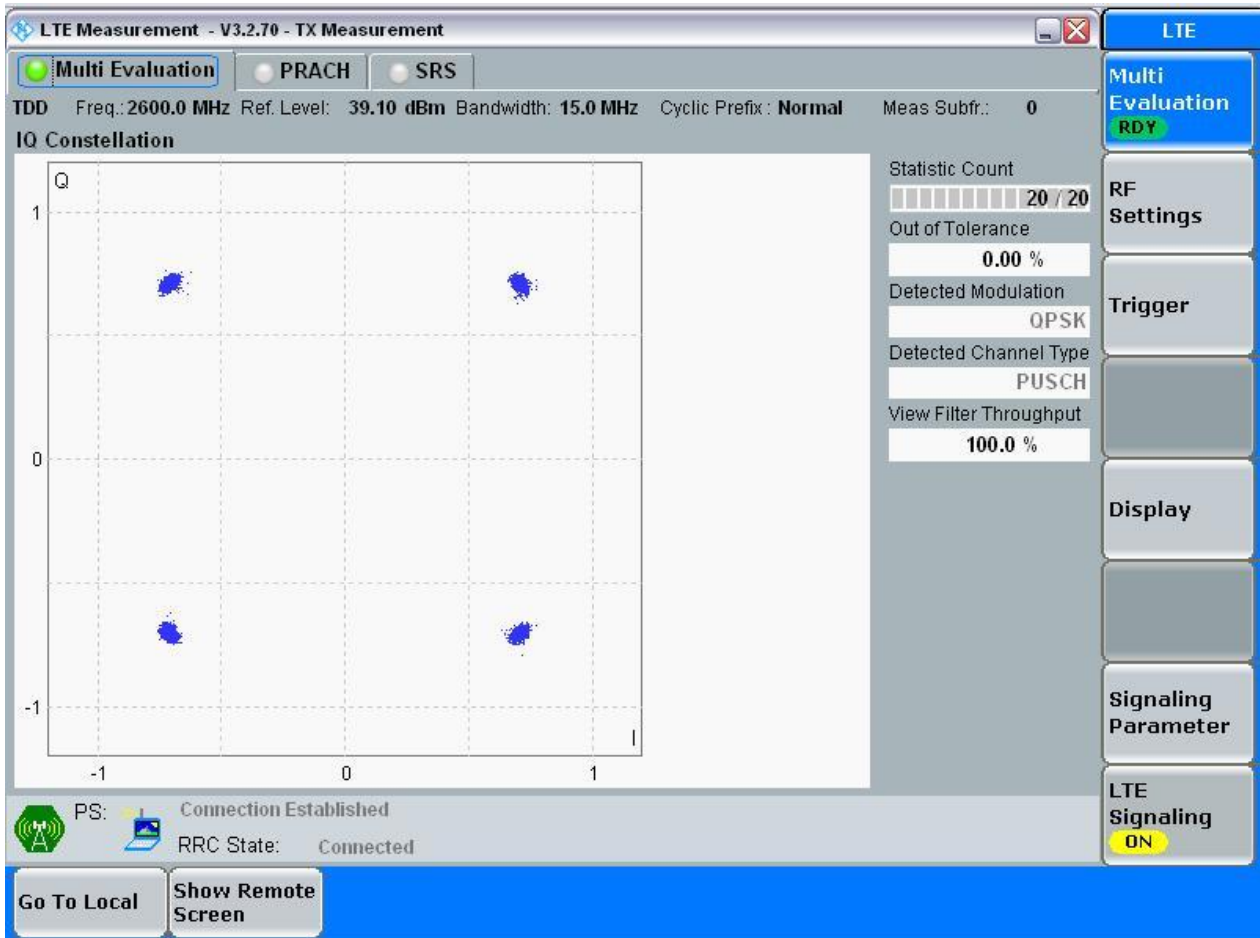
##### 3.1.1.1.2.1.1 Test RB = RB50#0



### 3.1.1.1.3 Test Bandwidth = 15

#### 3.1.1.1.3.1 Test Channel = MCH

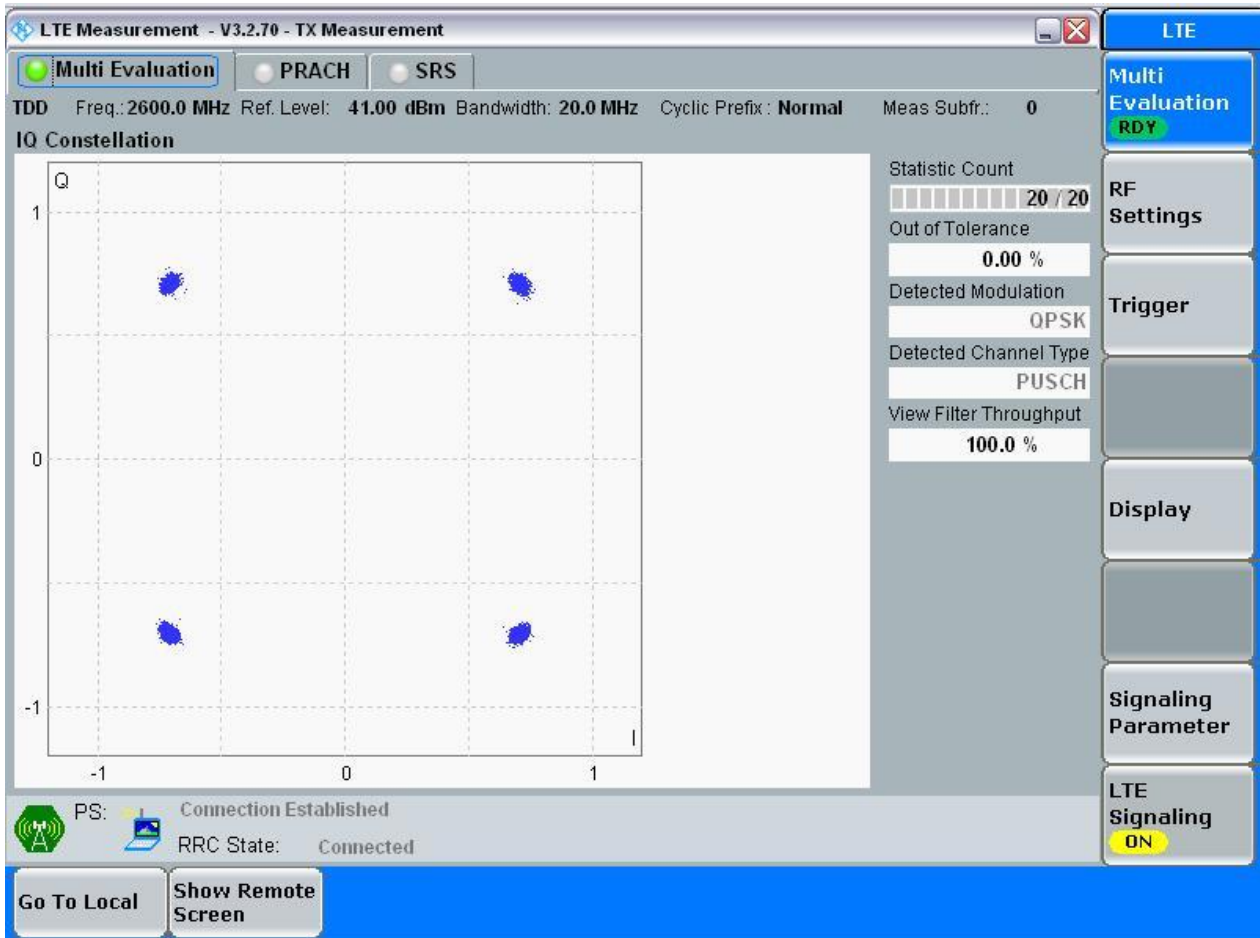
##### 3.1.1.1.3.1.1 Test RB = RB75#0



### 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

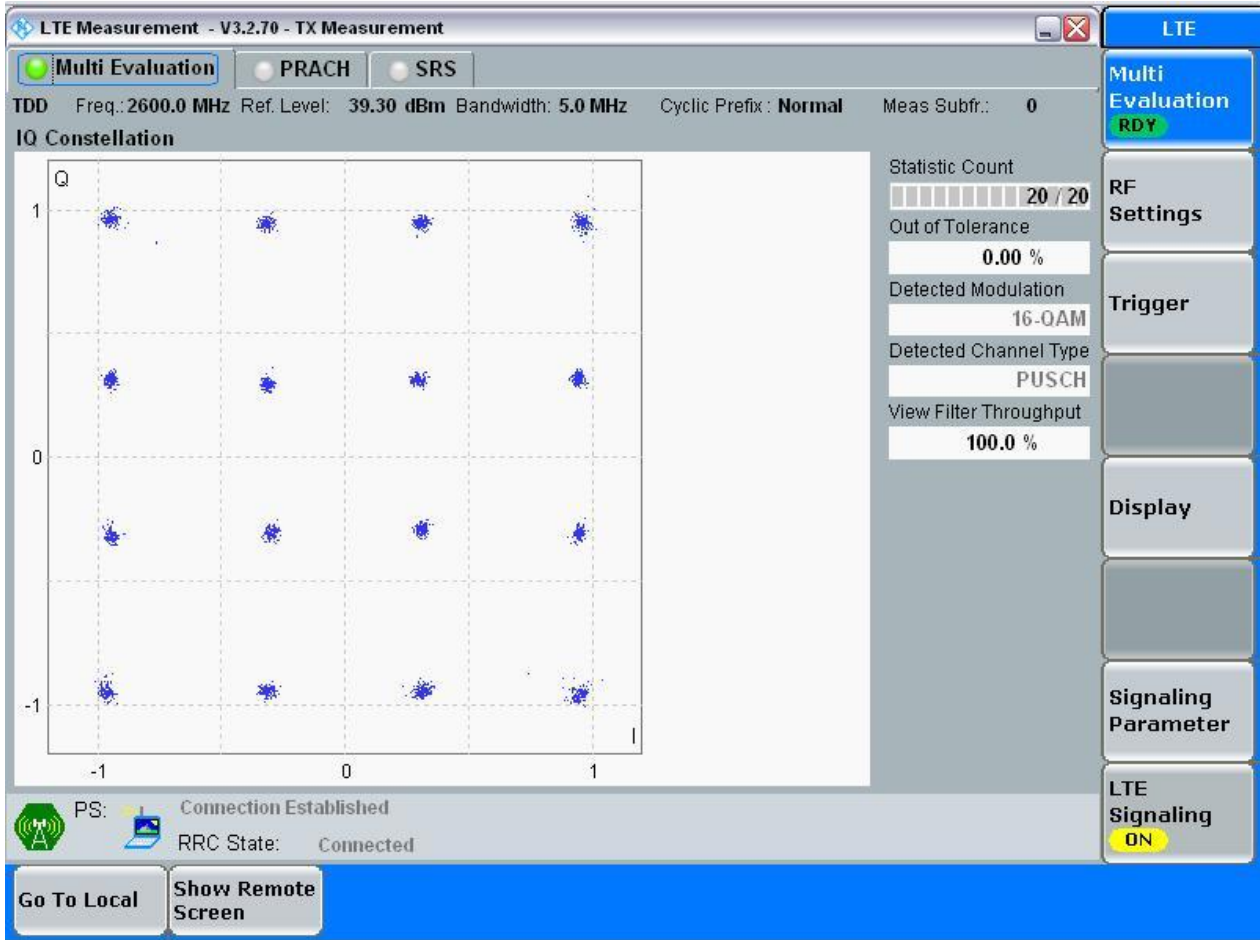


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

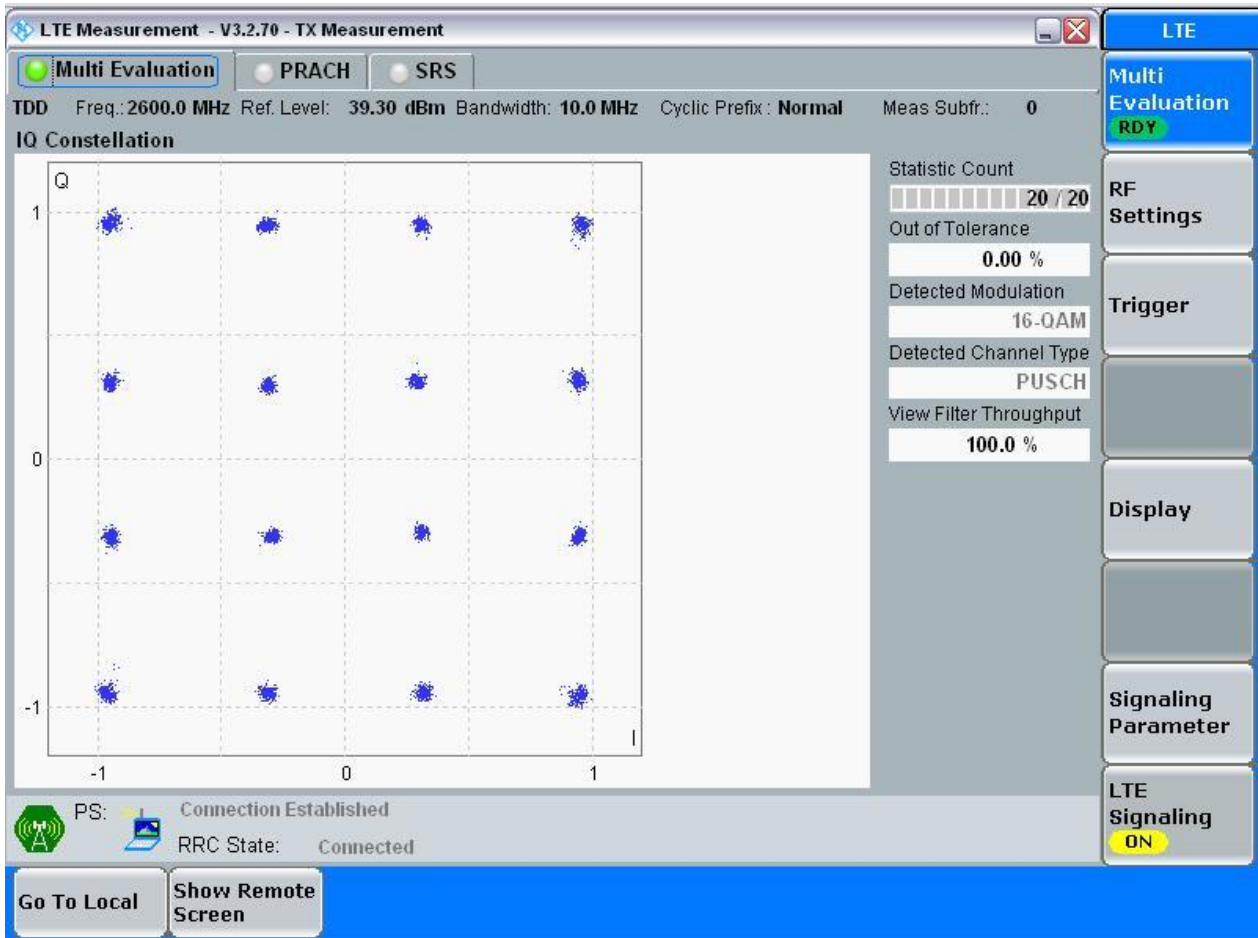
3.1.1.2.1.1.1 Test RB = RB25#0



### 3.1.1.2.2 Test Bandwidth = 10

#### 3.1.1.2.2.1 Test Channel = MCH

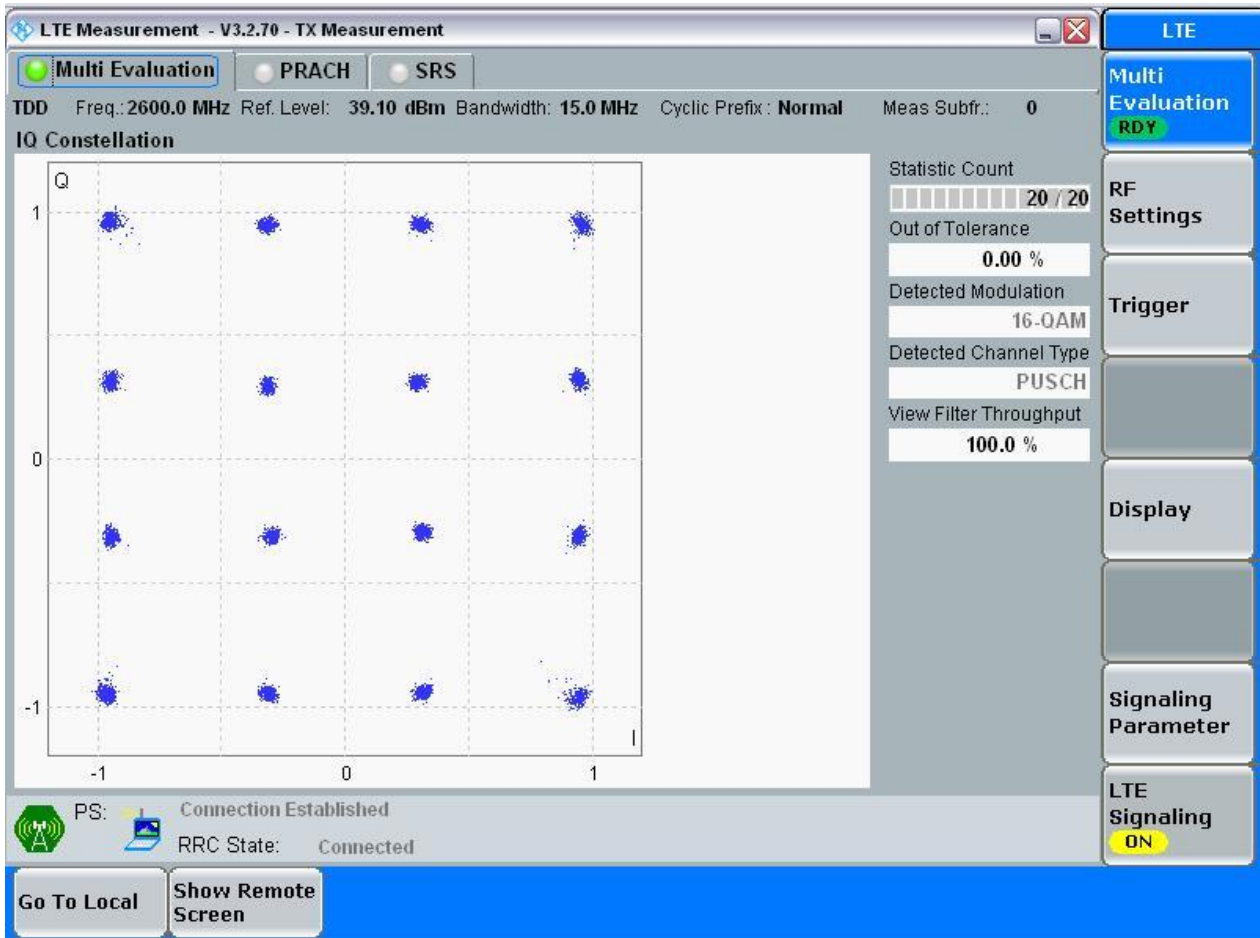
##### 3.1.1.2.2.1.1 Test RB = RB50#0



### 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

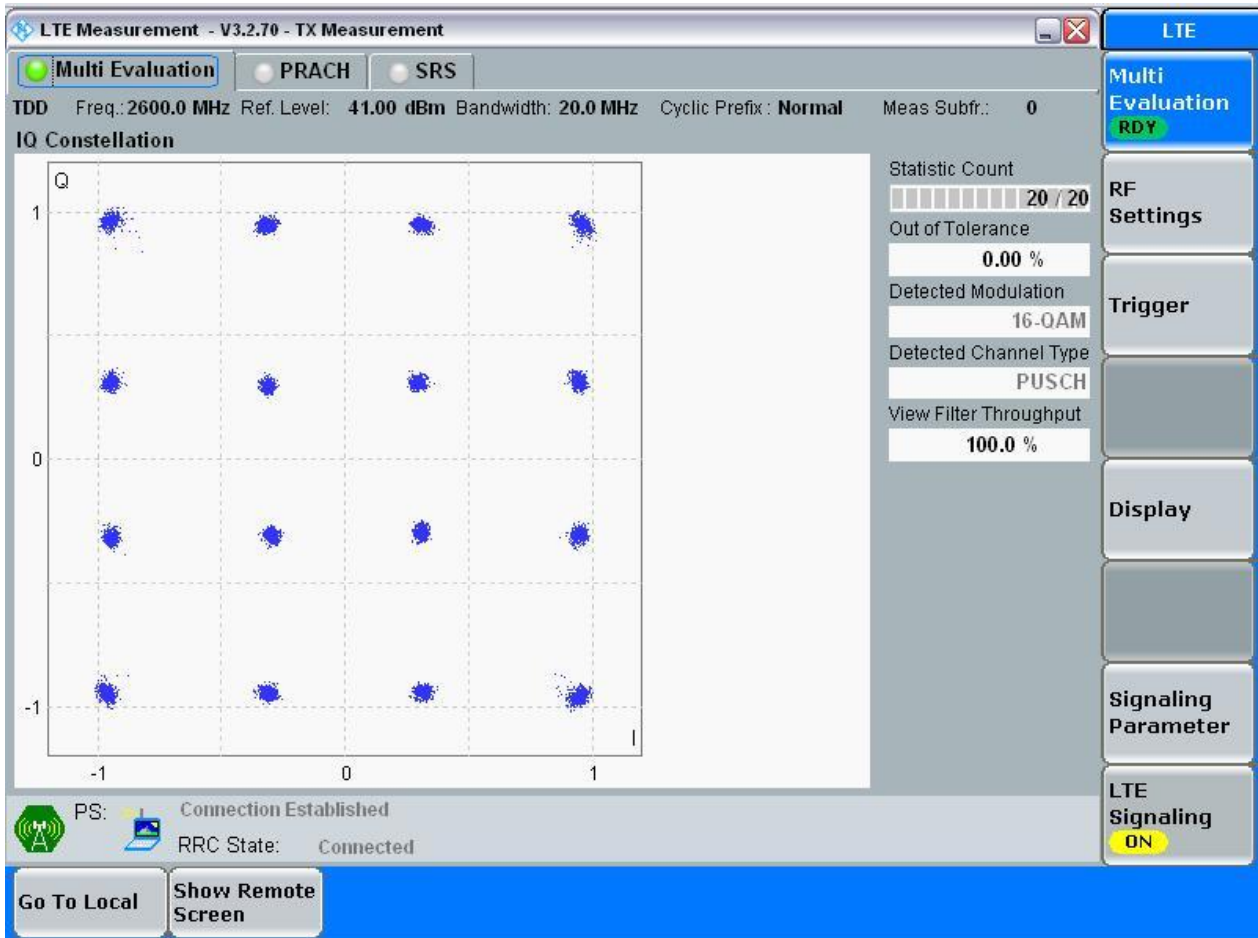




### 3.1.1.2.4 Test Bandwidth = 20

#### 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
BAND41	LTE/TM1	5	LCH	RB25#0	4.49	4.86	Pass
			MCH	RB25#0	4.47	4.93	Pass
			HCH	RB25#0	4.45	4.92	Pass
		10	LCH	RB50#0	8.97	9.66	Pass
			MCH	RB50#0	8.95	9.79	Pass
			HCH	RB50#0	8.96	9.83	Pass
		15	LCH	RB75#0	13.34	14.65	Pass
			MCH	RB75#0	13.44	14.82	Pass
			HCH	RB75#0	13.51	14.67	Pass
		20	LCH	RB100#0	17.85	19.49	Pass
			MCH	RB100#0	17.88	19.53	Pass
			HCH	RB100#0	17.99	19.62	Pass
	LTE/TM2	5	LCH	RB25#0	4.48	4.91	Pass
			MCH	RB25#0	4.48	4.92	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	8.92	9.71	Pass
			MCH	RB50#0	8.94	9.80	Pass
			HCH	RB50#0	8.95	9.80	Pass
		15	LCH	RB75#0	13.42	14.75	Pass
			MCH	RB75#0	13.46	14.78	Pass
			HCH	RB75#0	13.51	14.69	Pass
		20	LCH	RB100#0	17.93	19.37	Pass
			MCH	RB100#0	17.92	19.45	Pass
			HCH	RB100#0	17.97	19.53	Pass



Part II - Test Plots

4.1 For LTE

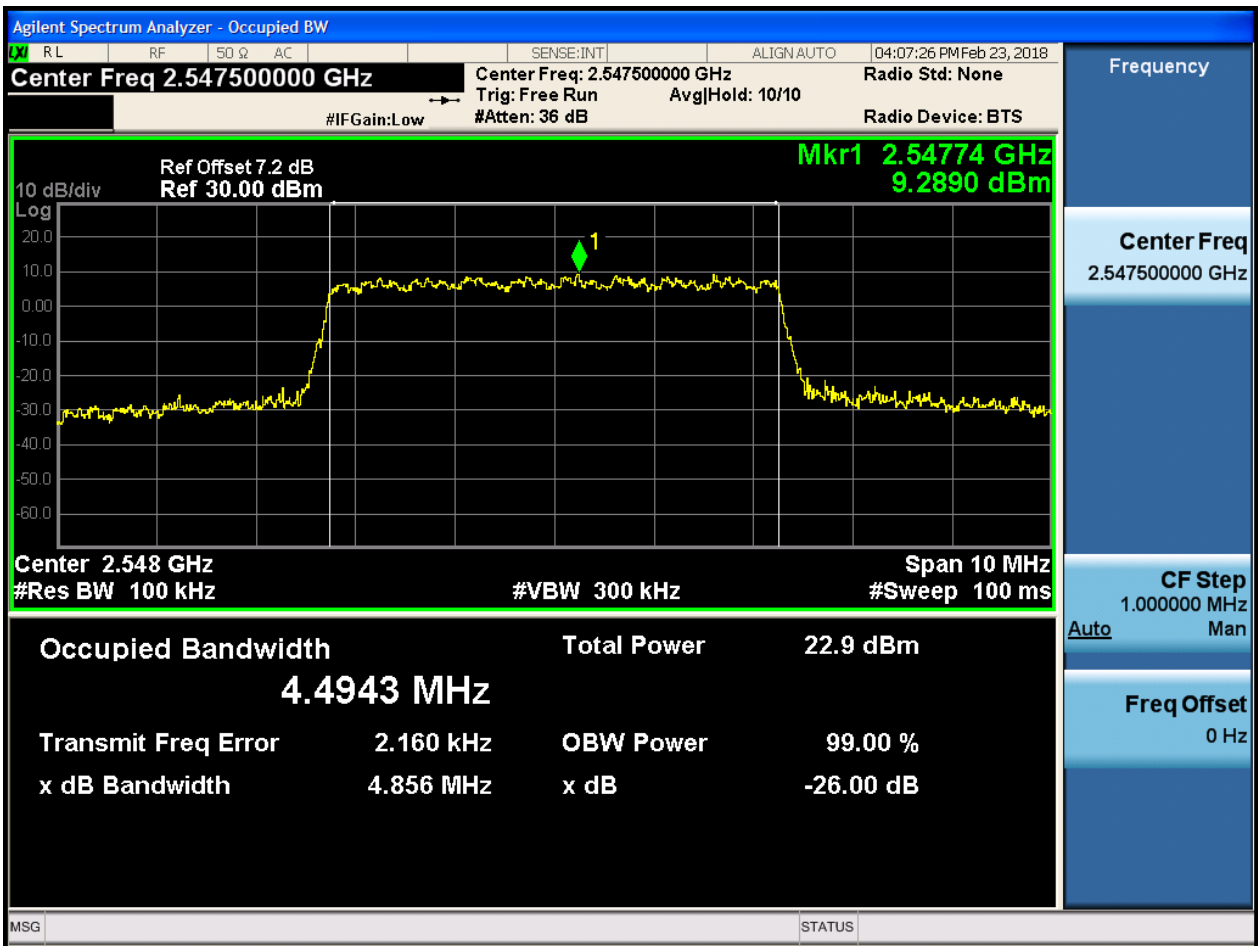
4.1.2 Test Band = BAND41

4.1.2.1 Test Mode = LTE/TM1

4.1.2.1.1 Test Bandwidth = 5

4.1.2.1.1.1 Test Channel = LCH

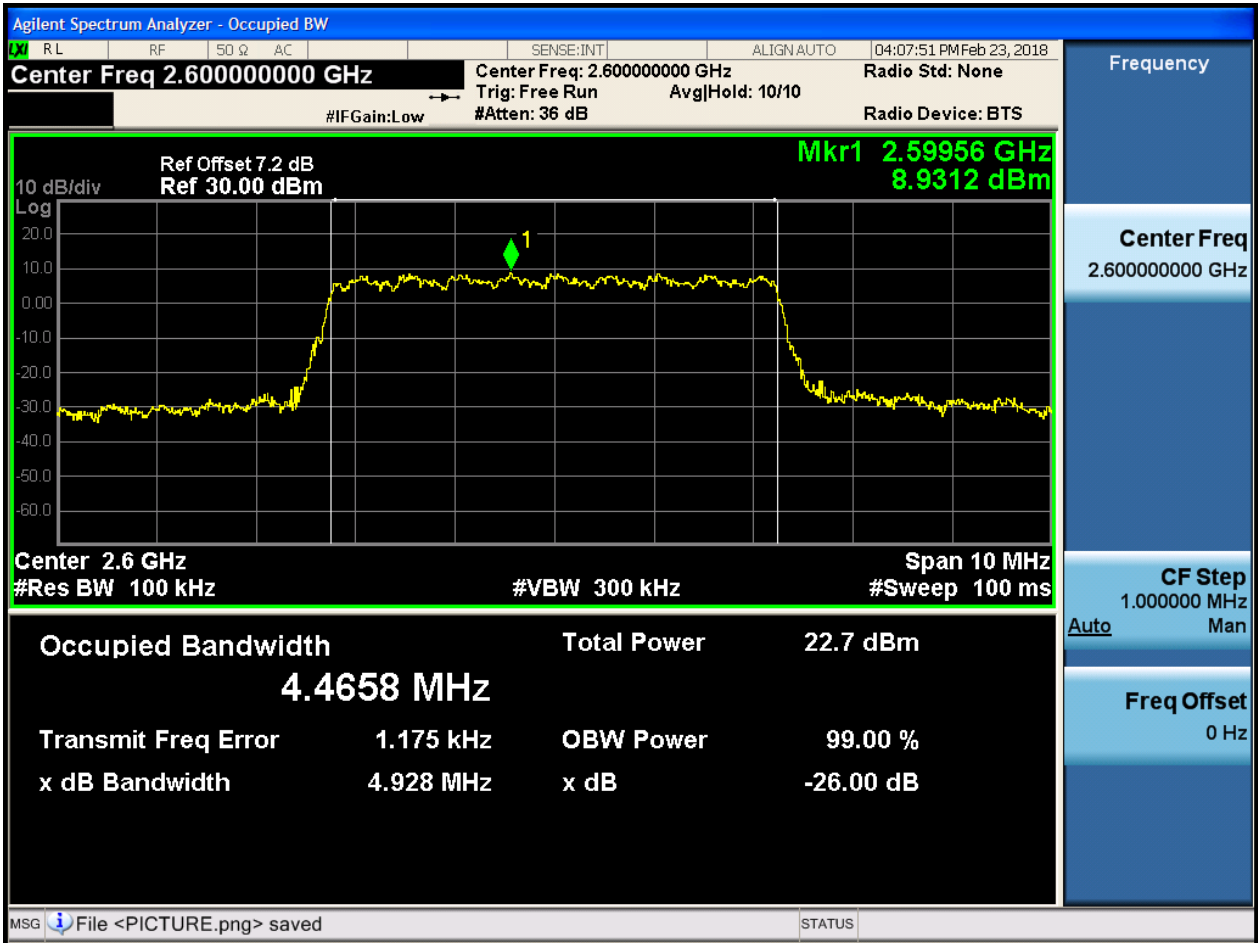
4.1.2.1.1.1.1 Test RB = RB25#0





4.1.2.1.1.2 Test Channel = MCH

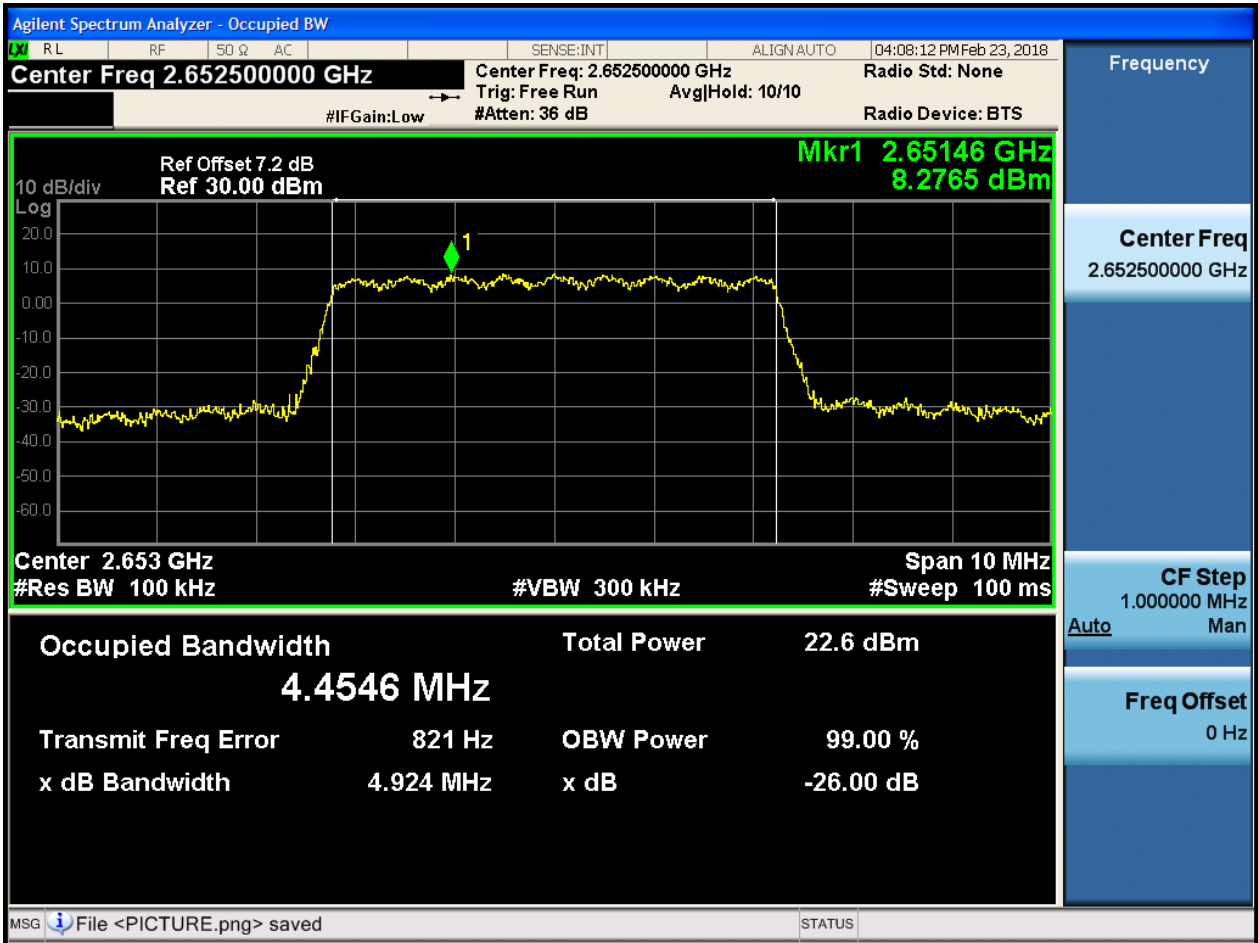
4.1.2.1.1.2.1 Test RB = RB25#0





4.1.2.1.1.3 Test Channel = HCH

4.1.2.1.1.3.1 Test RB = RB25#0

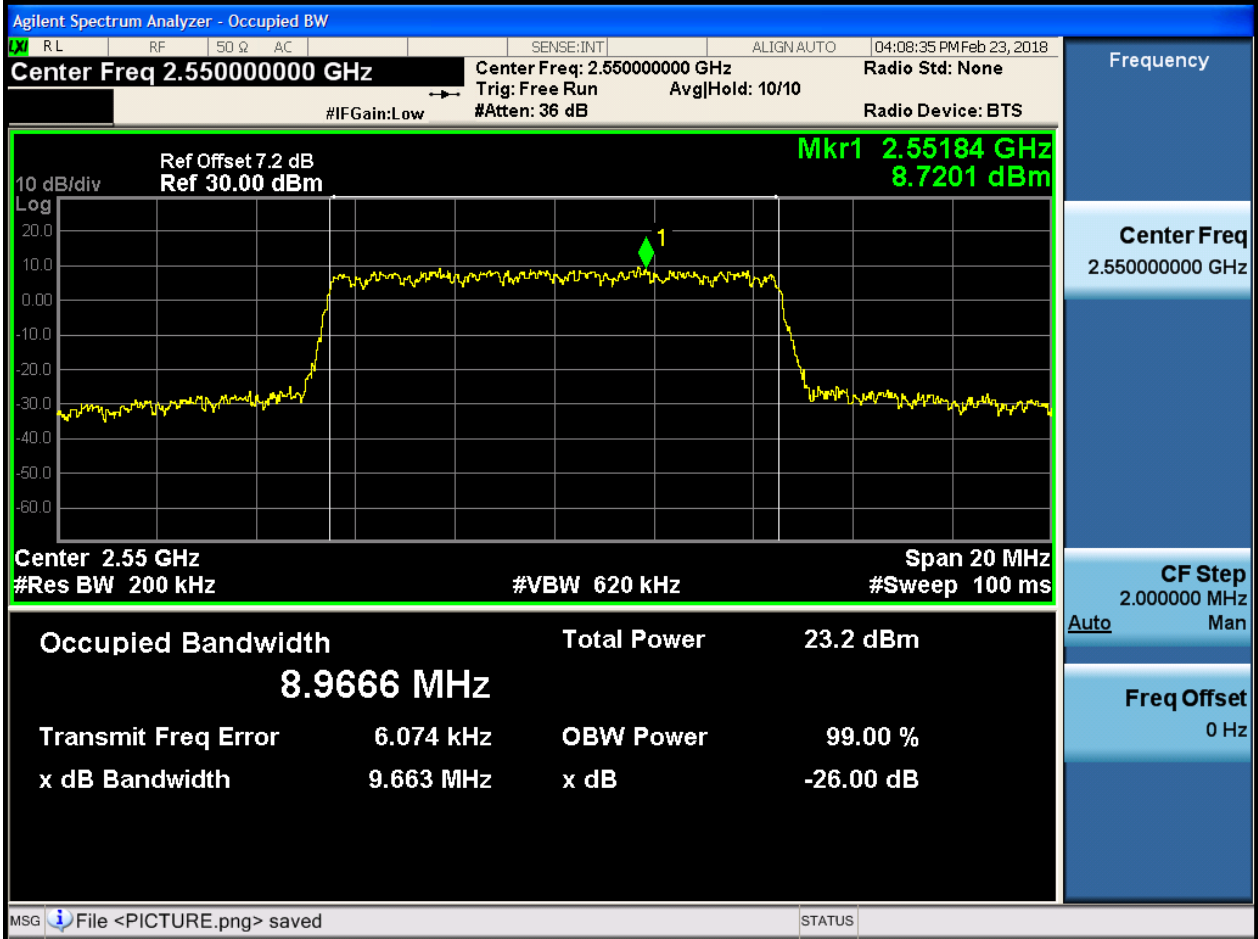




4.1.2.1.2 Test Bandwidth = 10

4.1.2.1.2.1 Test Channel = LCH

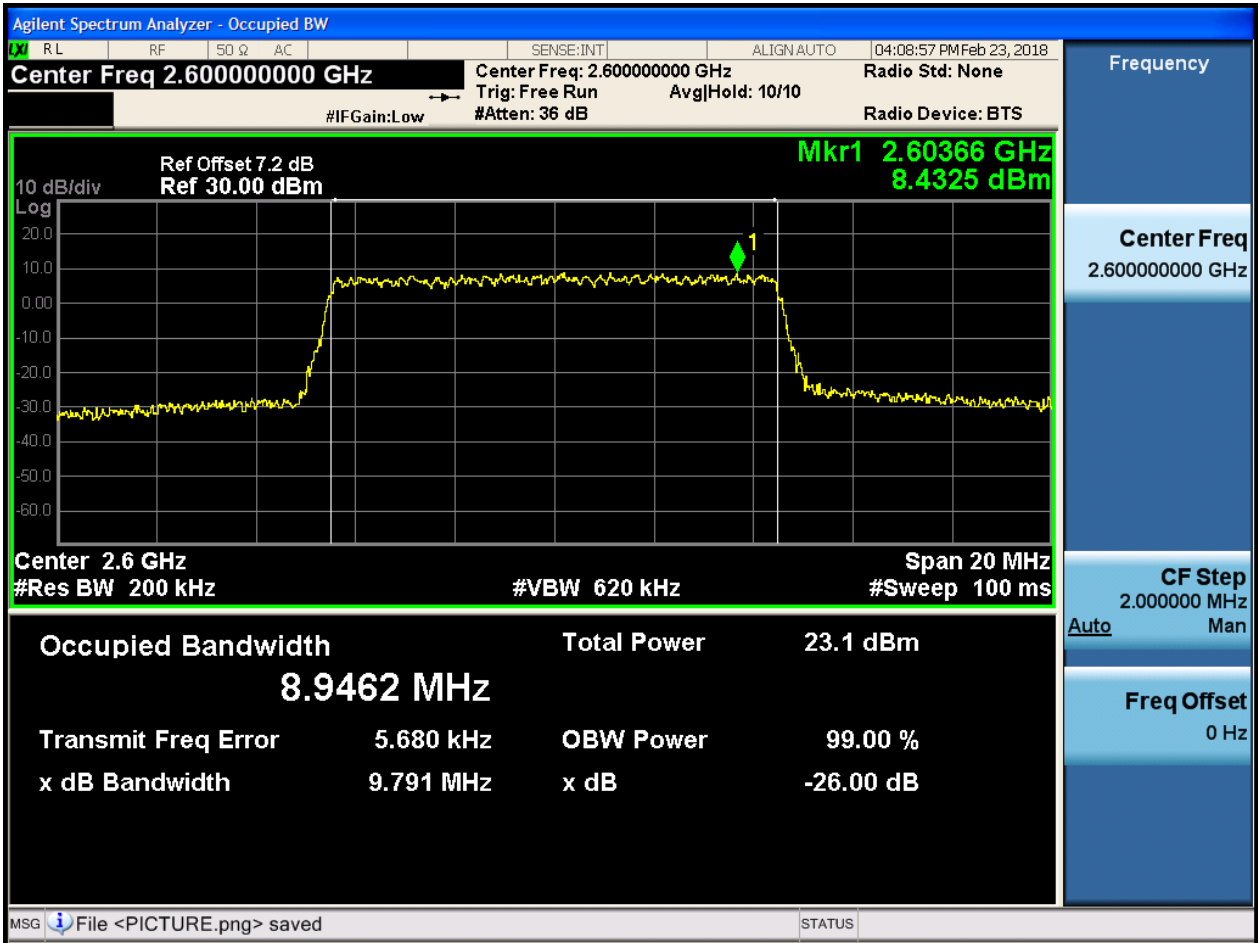
4.1.2.1.2.1.1 Test RB = RB50#0





4.1.2.1.2.2 Test Channel = MCH

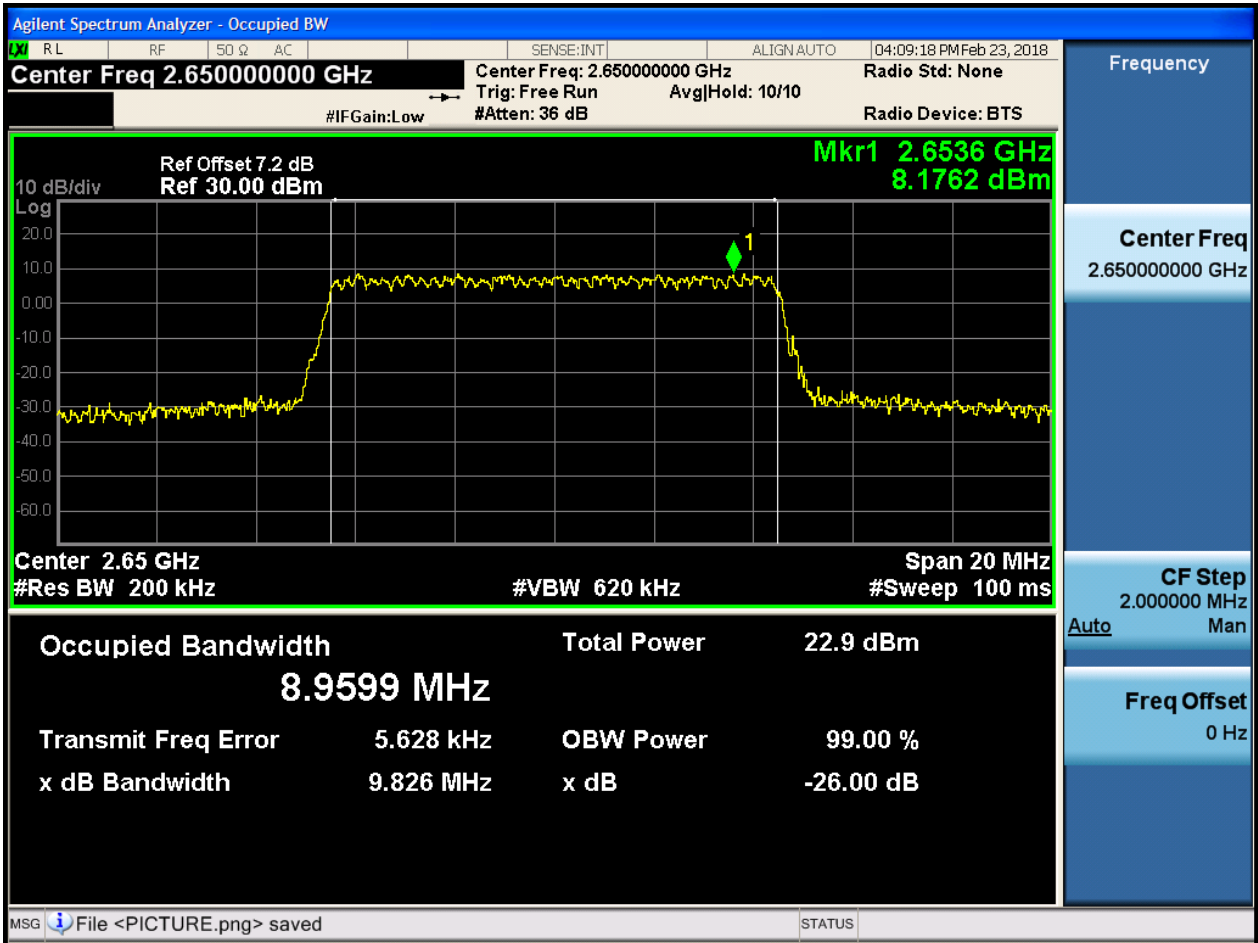
4.1.2.1.2.2.1 Test RB = RB50#0





4.1.2.1.2.3 Test Channel = HCH

4.1.2.1.2.3.1 Test RB = RB50#0



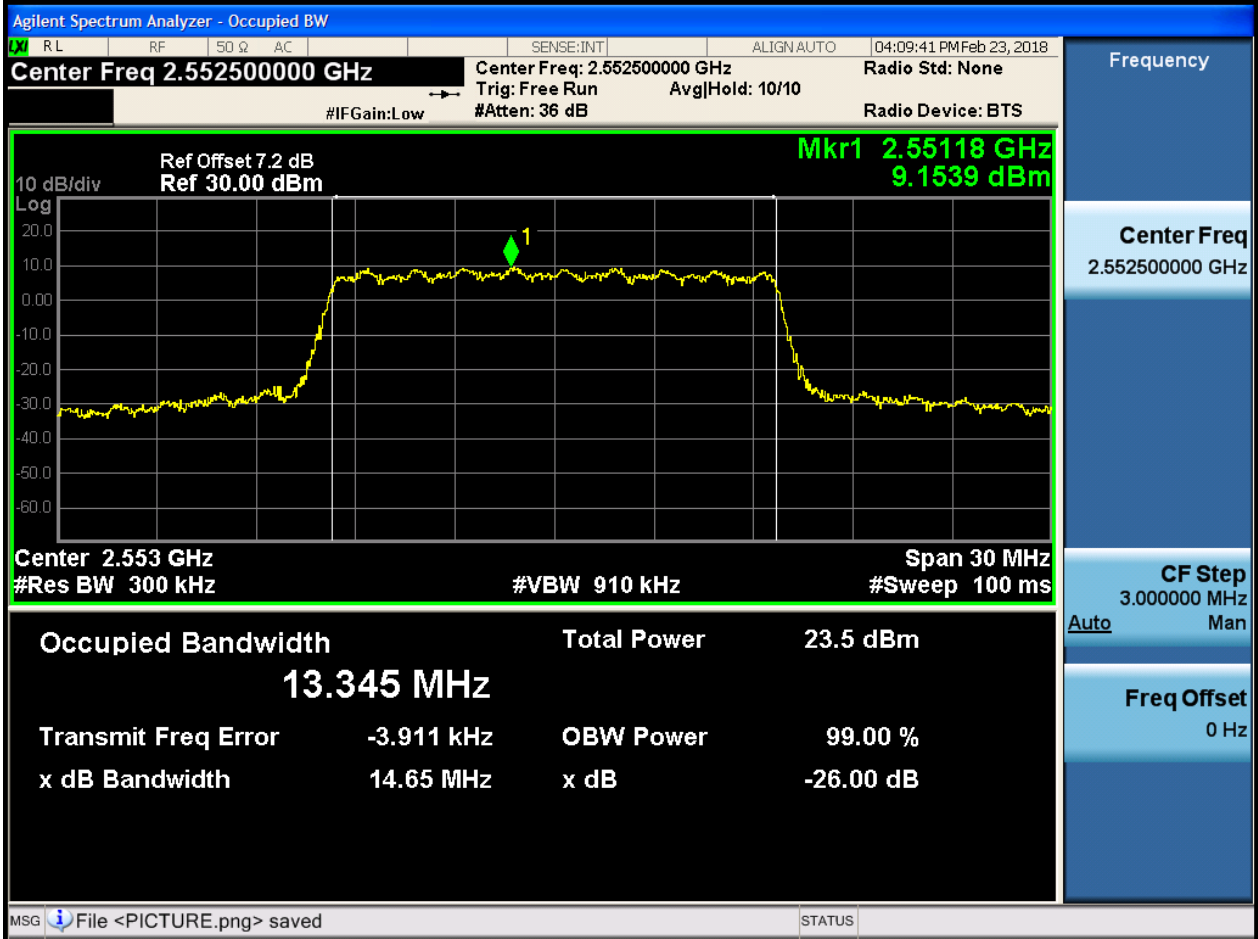




4.1.2.1.3 Test Bandwidth = 15

4.1.2.1.3.1 Test Channel = LCH

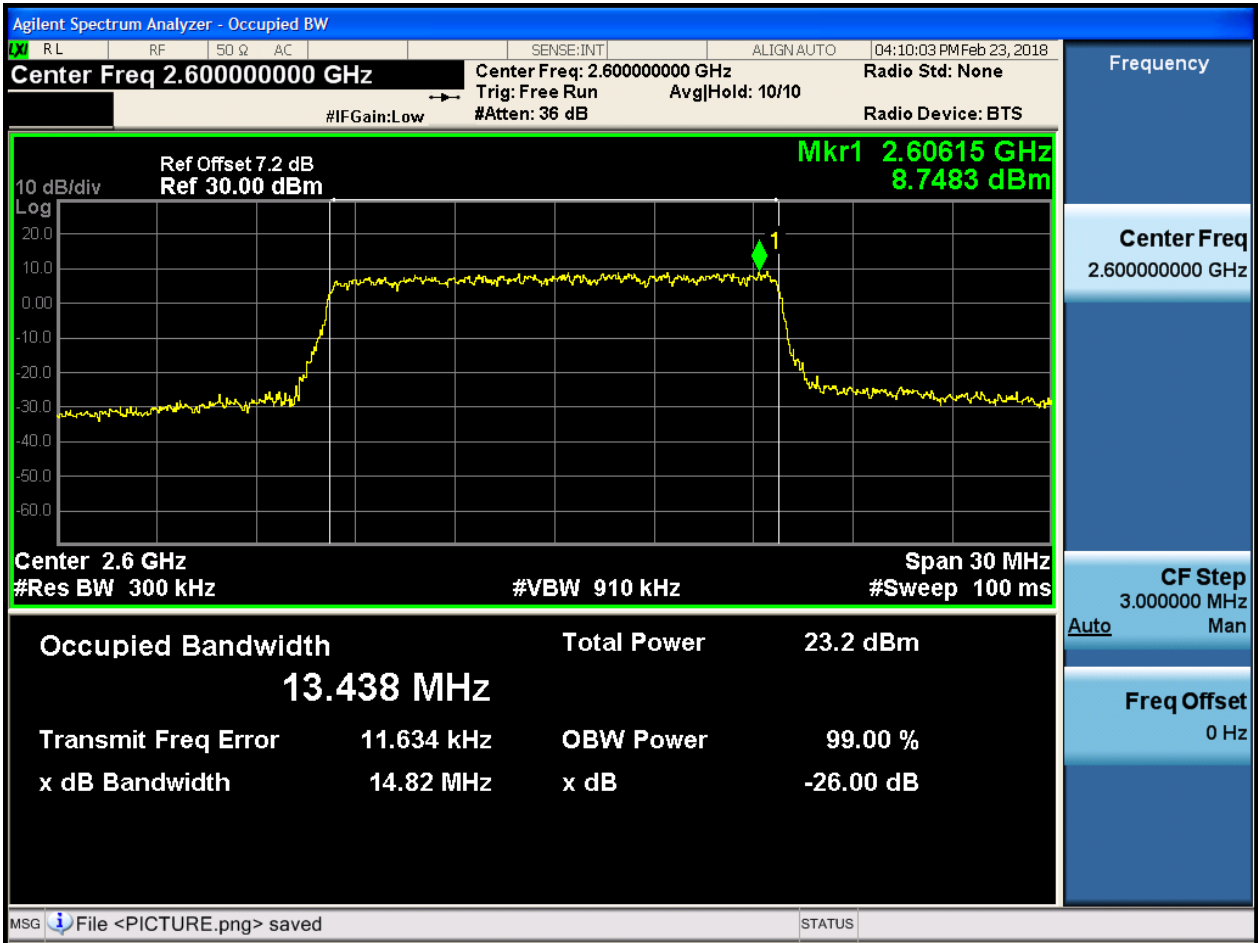
4.1.2.1.3.1.1 Test RB = RB75#0





4.1.2.1.3.2 Test Channel = MCH

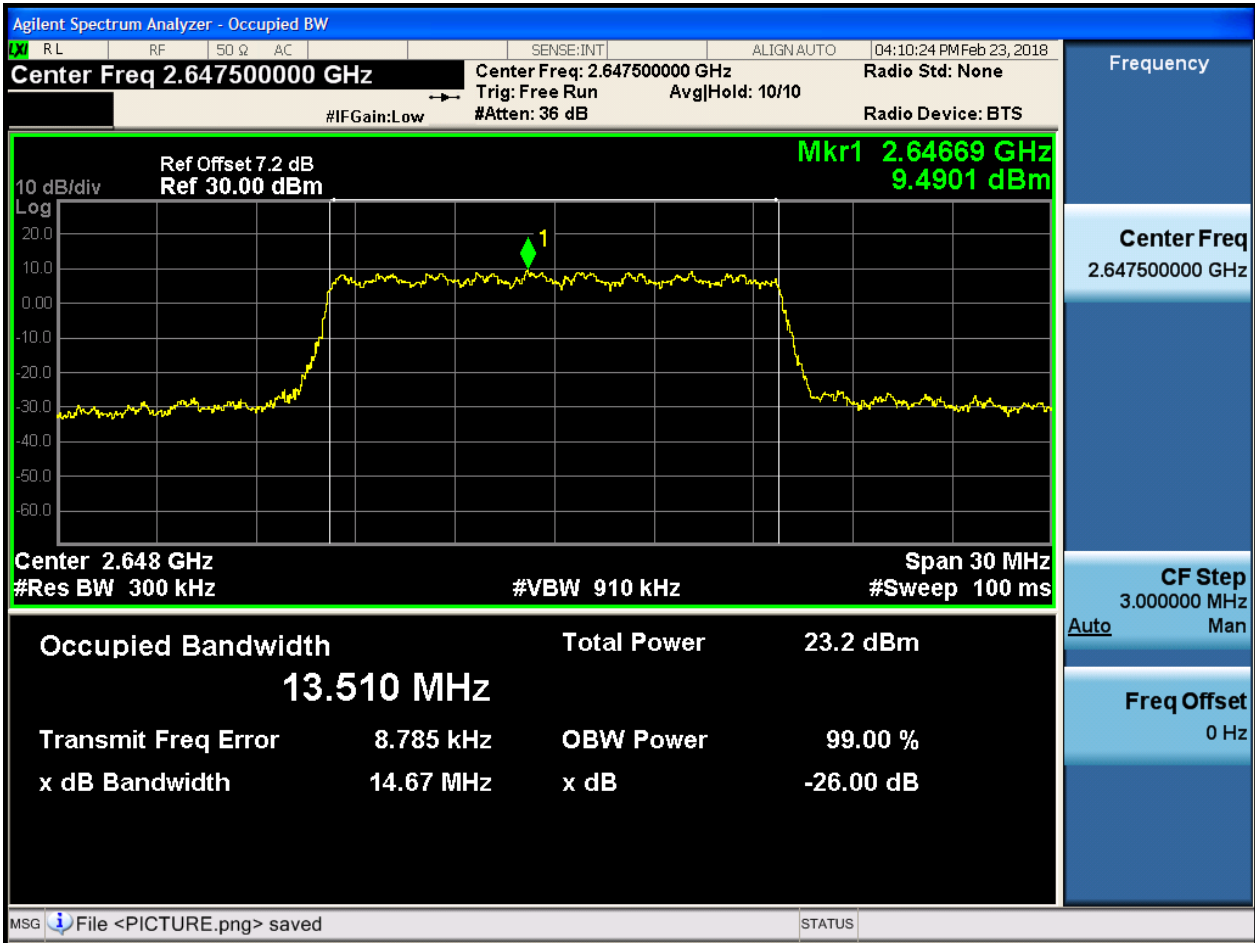
4.1.2.1.3.2.1 Test RB = RB75#0





4.1.2.1.3.3 Test Channel = HCH

4.1.2.1.3.3.1 Test RB = RB75#0

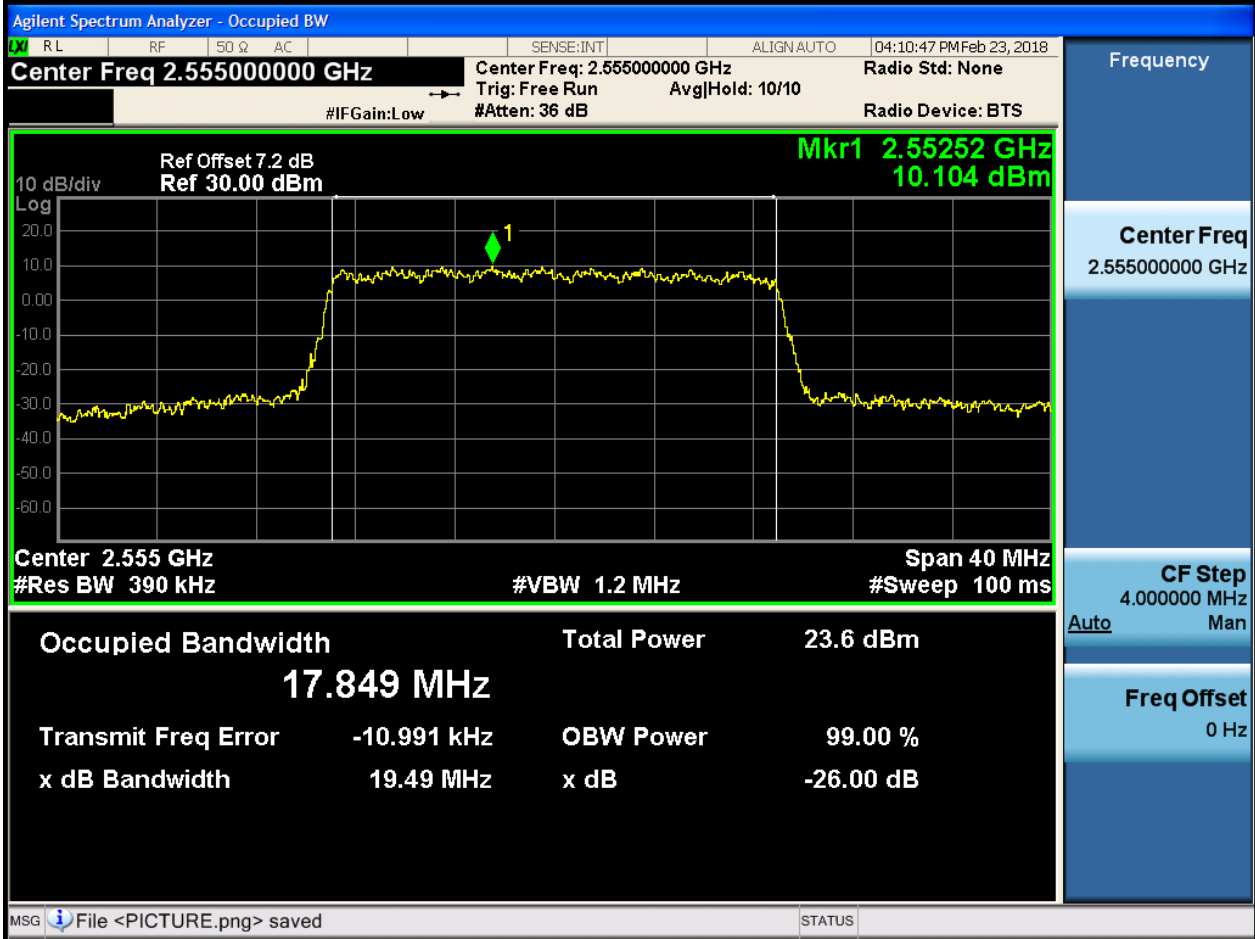




4.1.2.1.4 Test Bandwidth = 20

4.1.2.1.4.1 Test Channel = LCH

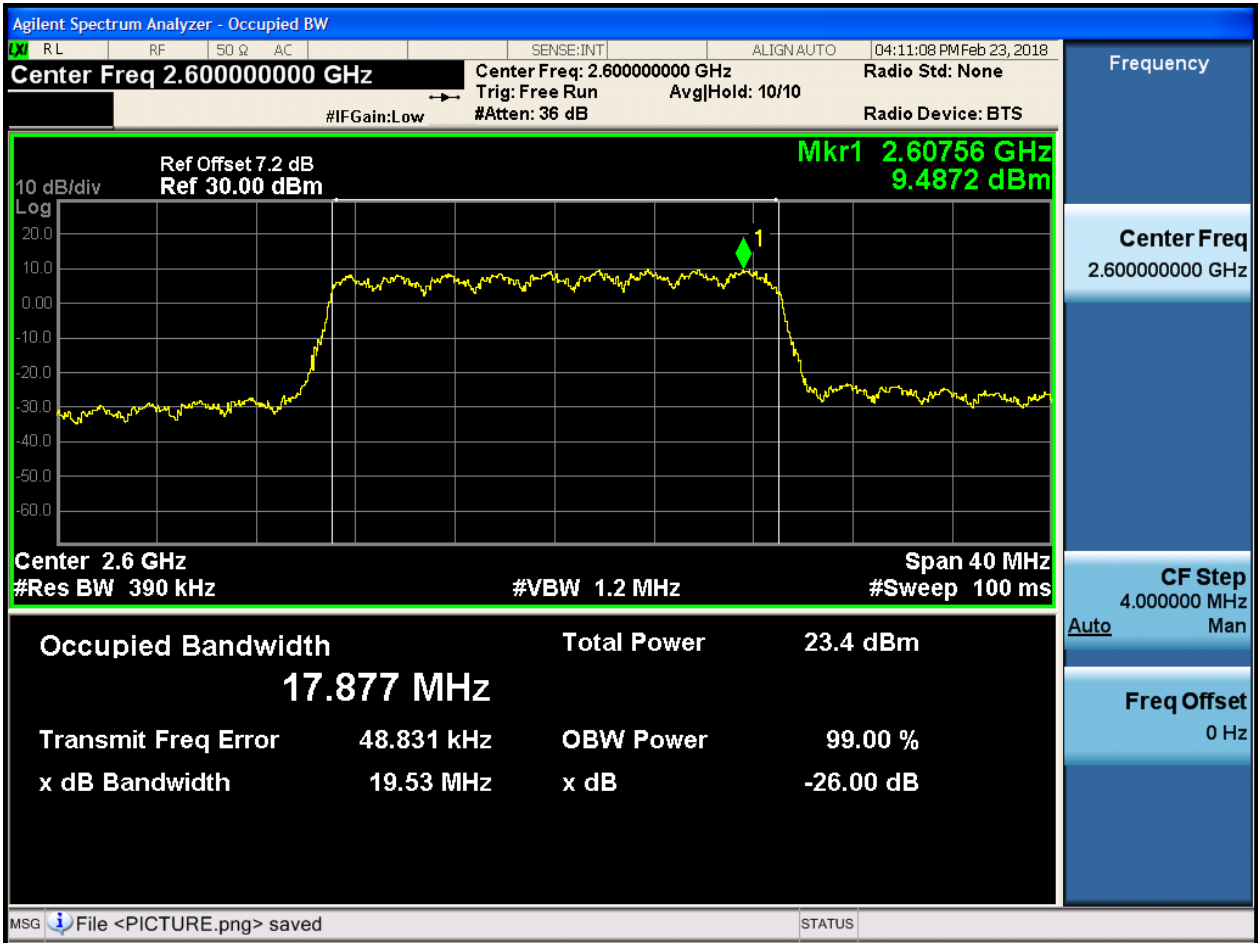
4.1.2.1.4.1.1 Test RB = RB100#0





4.1.2.1.4.2 Test Channel = MCH

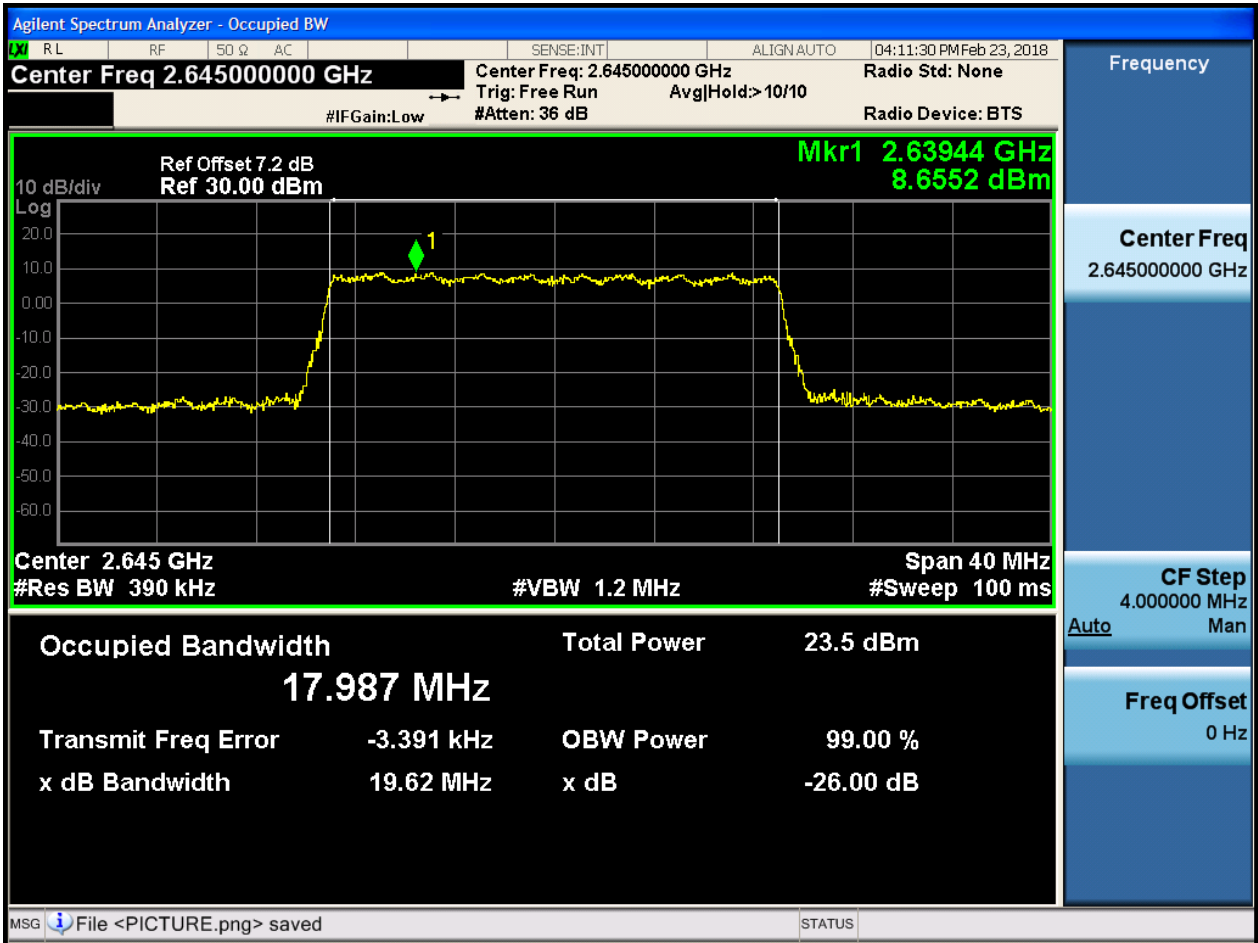
4.1.2.1.4.2.1 Test RB = RB100#0





4.1.2.1.4.3 Test Channel = HCH

4.1.2.1.4.3.1 Test RB = RB100#0



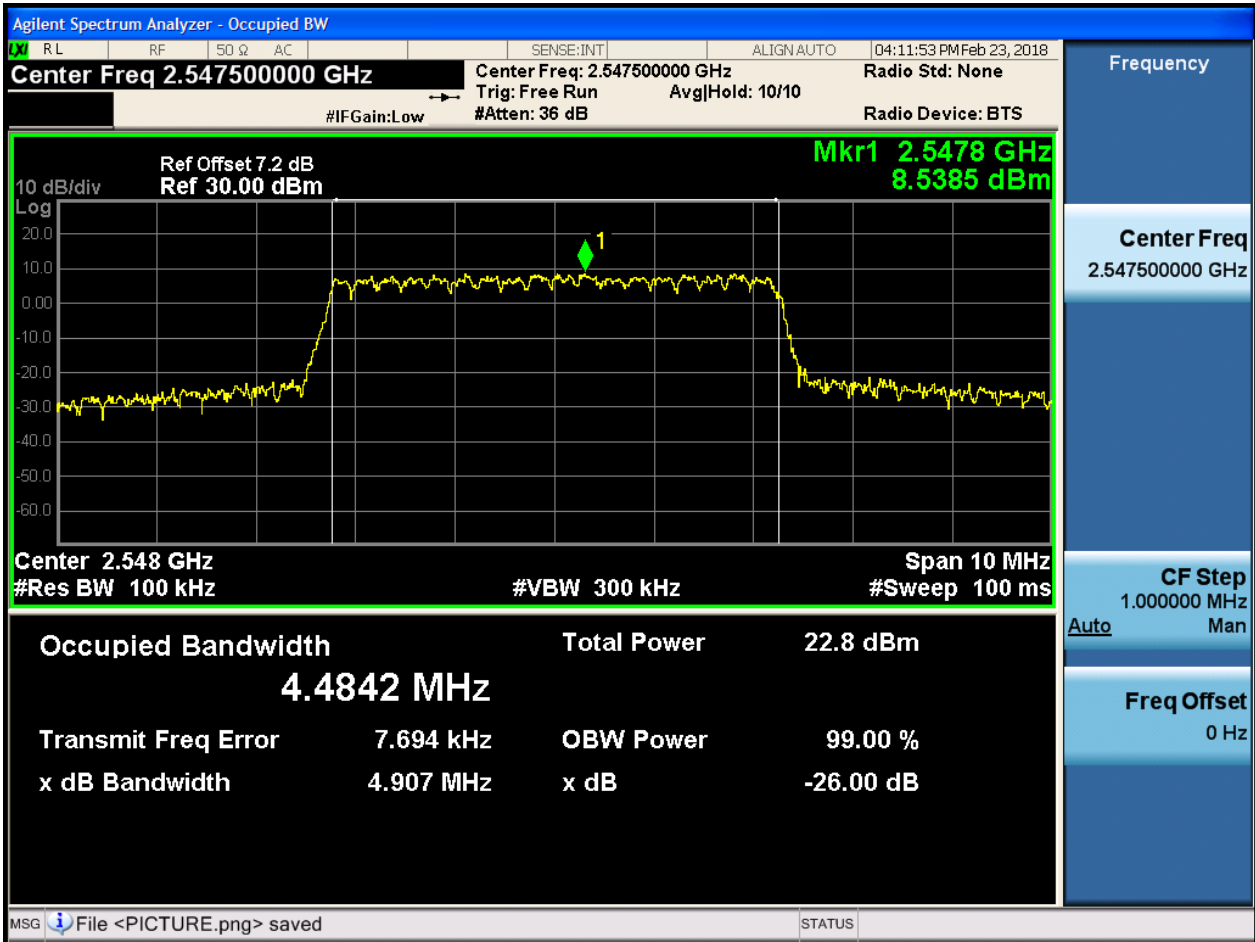


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 5

4.1.2.2.1.1 Test Channel = LCH

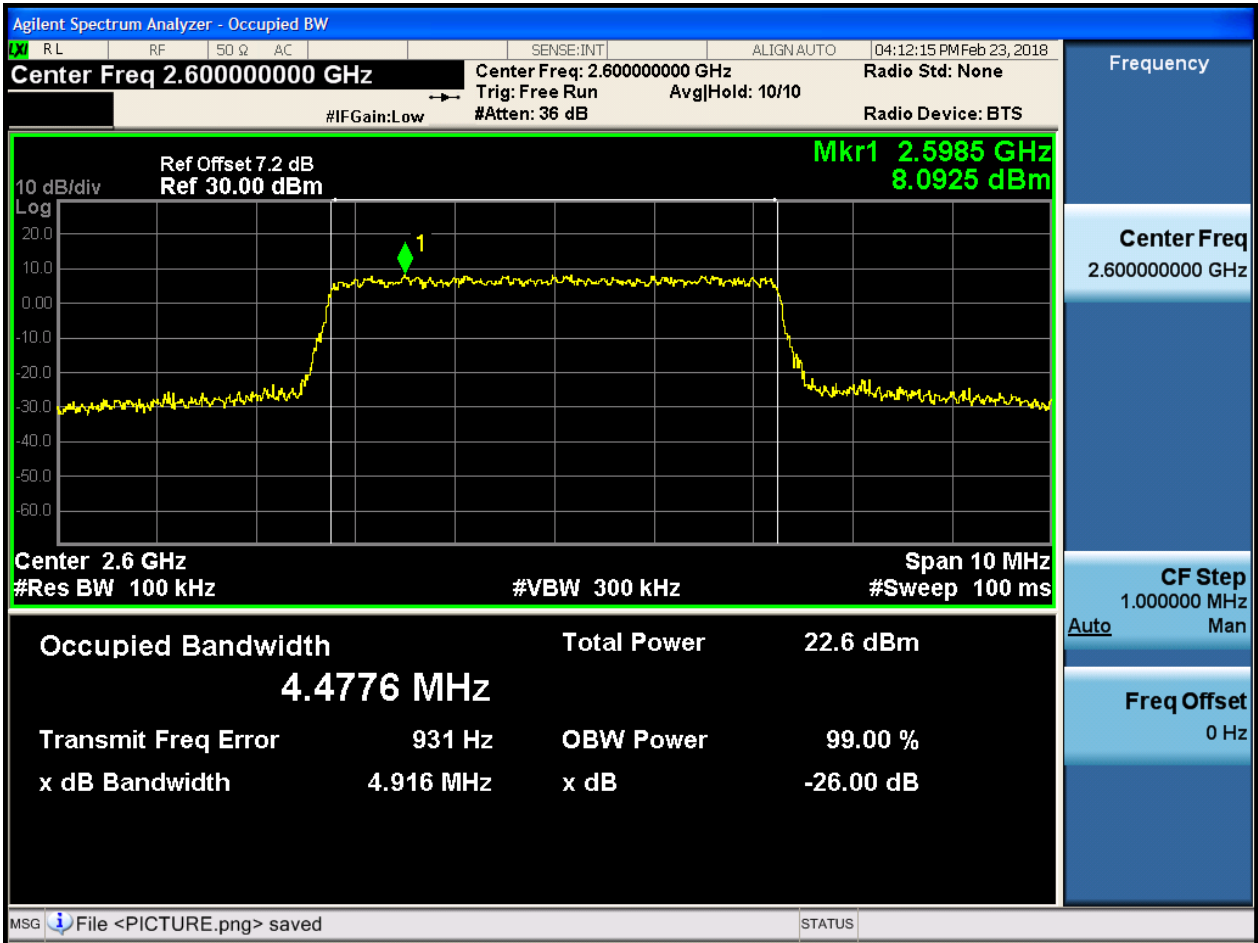
4.1.2.2.1.1.1 Test RB = RB25#0





4.1.2.2.1.2 Test Channel = MCH

4.1.2.2.1.2.1 Test RB = RB25#0

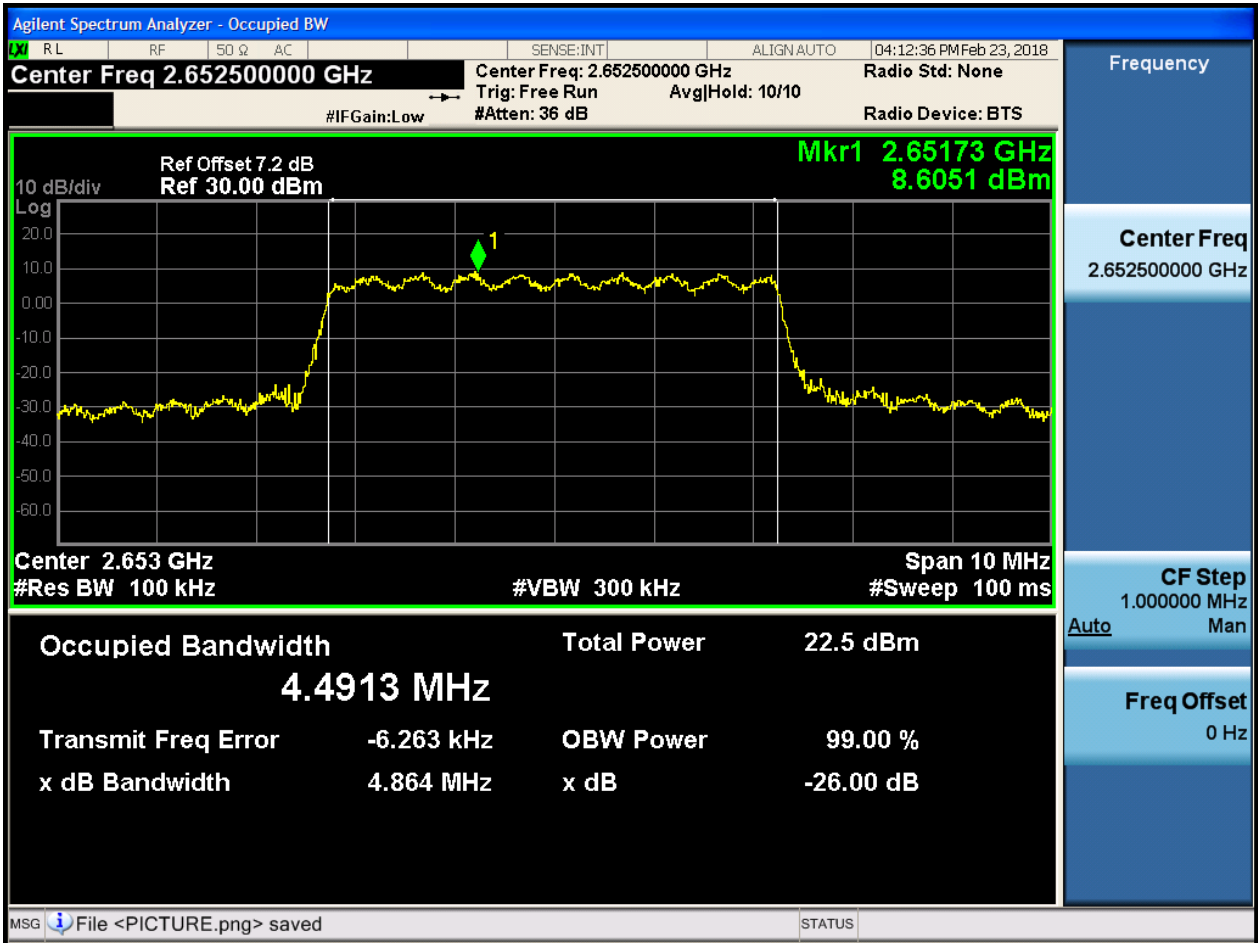






4.1.2.2.1.3 Test Channel = HCH

4.1.2.2.1.3.1 Test RB = RB25#0

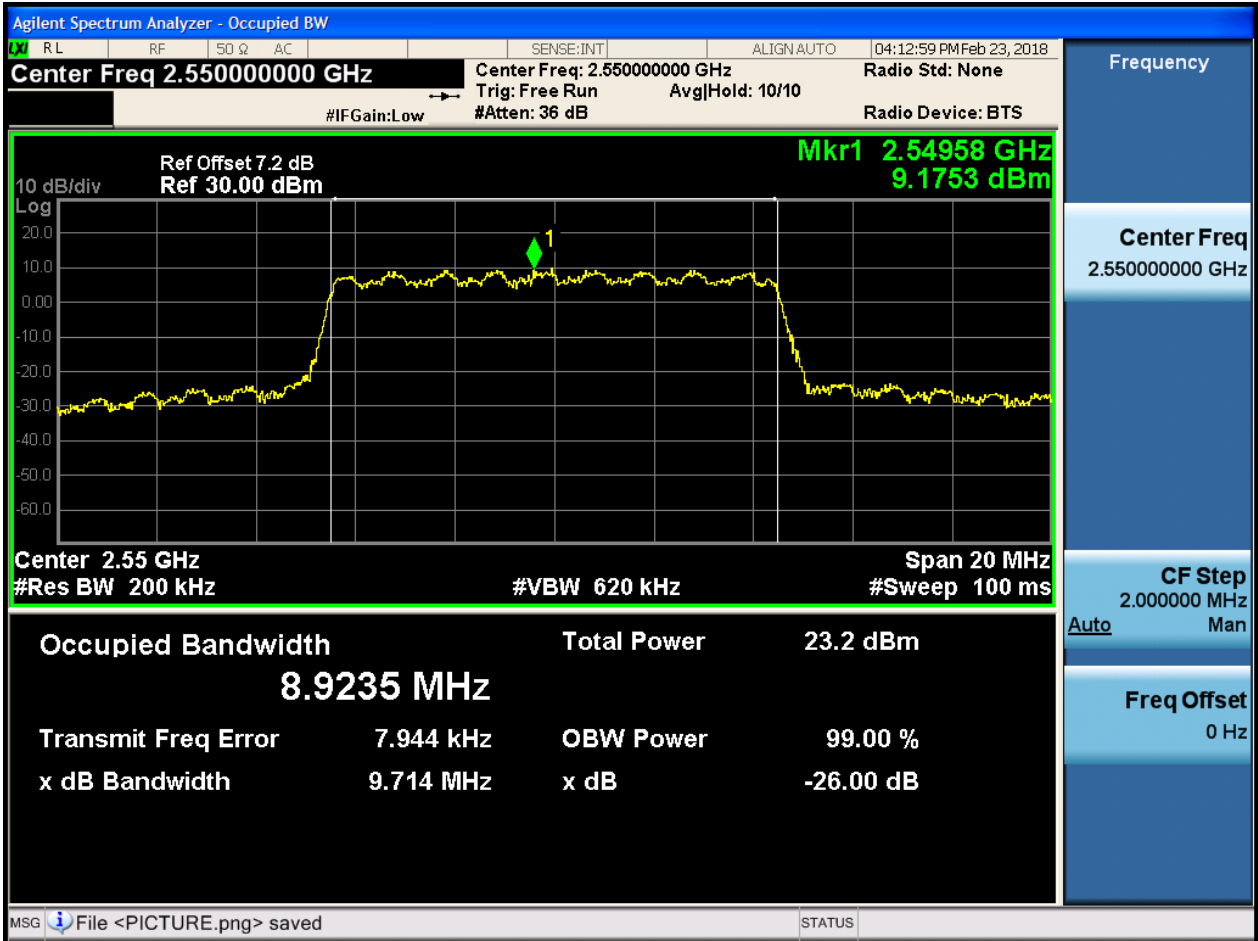




4.1.2.2.2 Test Bandwidth = 10

4.1.2.2.2.1 Test Channel = LCH

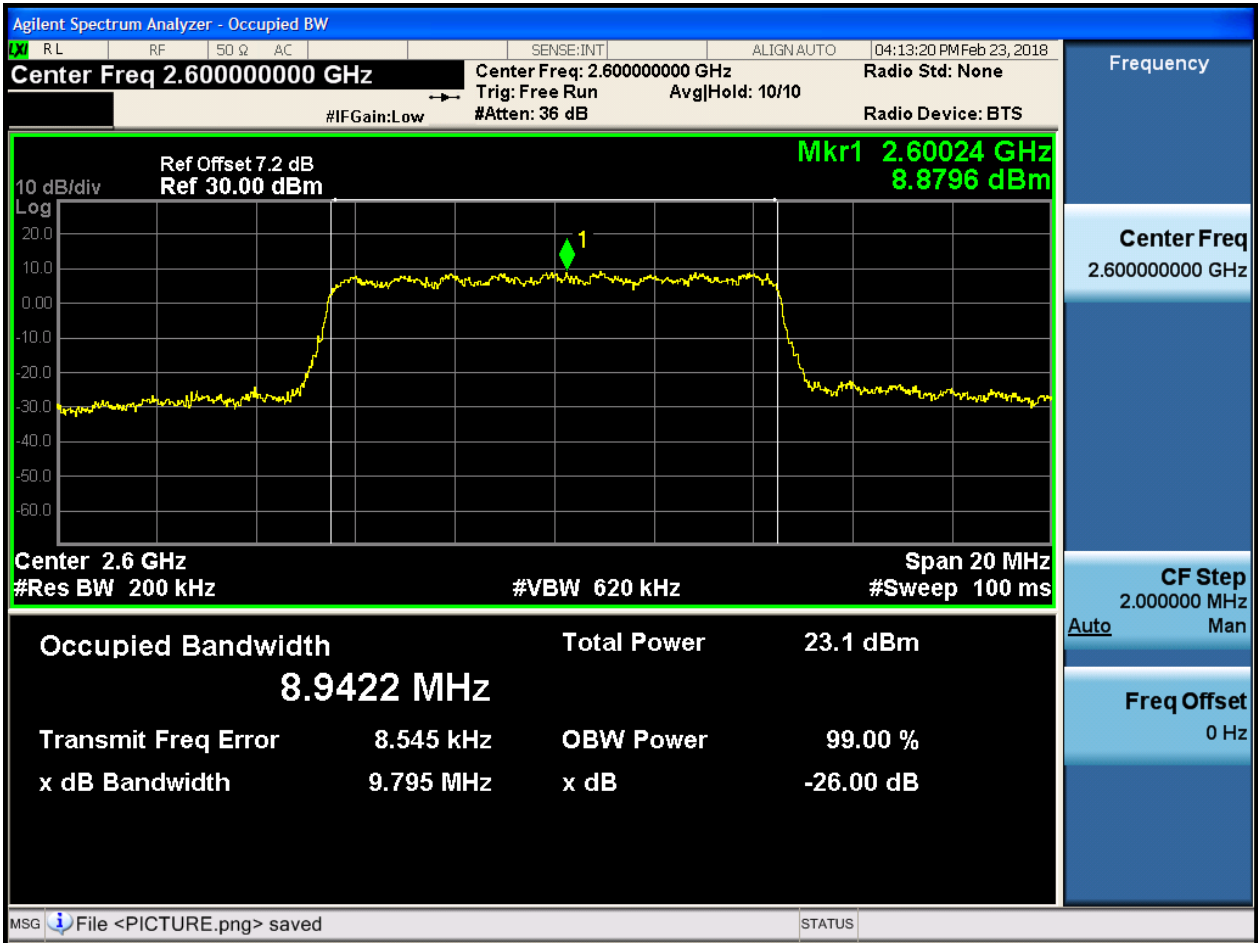
4.1.2.2.2.1.1 Test RB = RB50#0





4.1.2.2.2 Test Channel = MCH

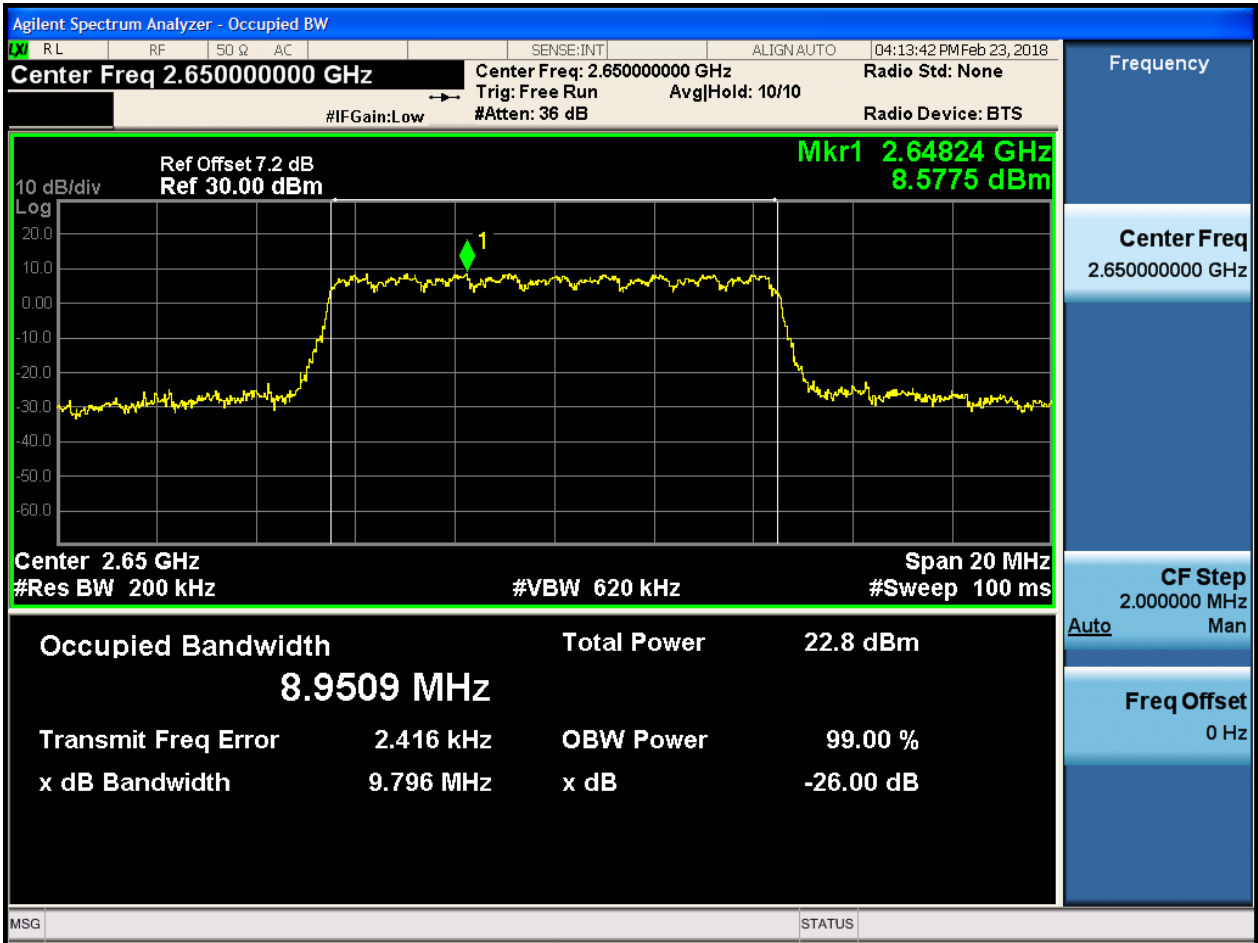
4.1.2.2.2.1 Test RB = RB50#0





4.1.2.2.3 Test Channel = HCH

4.1.2.2.3.1 Test RB = RB50#0

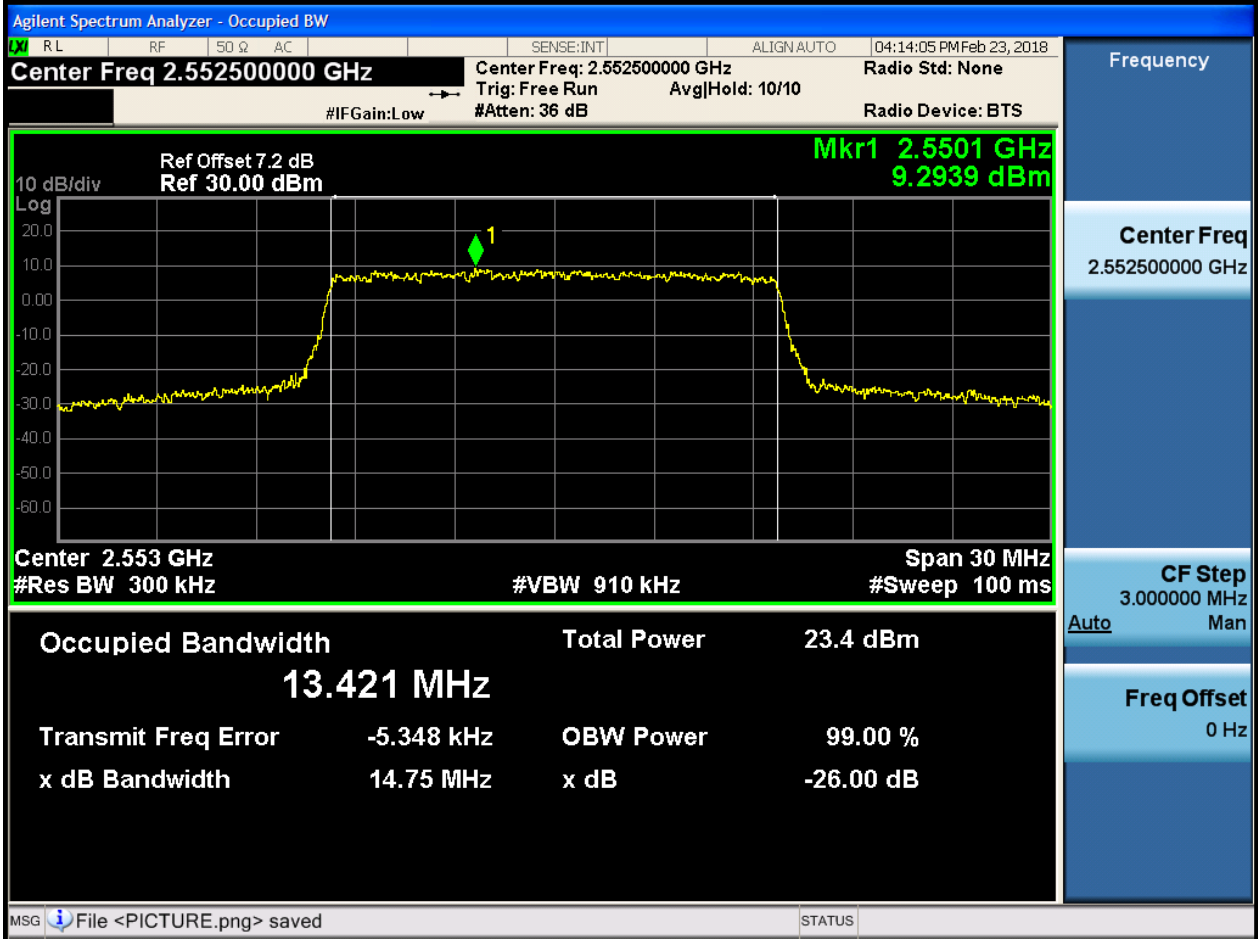




4.1.2.2.3 Test Bandwidth = 15

4.1.2.2.3.1 Test Channel = LCH

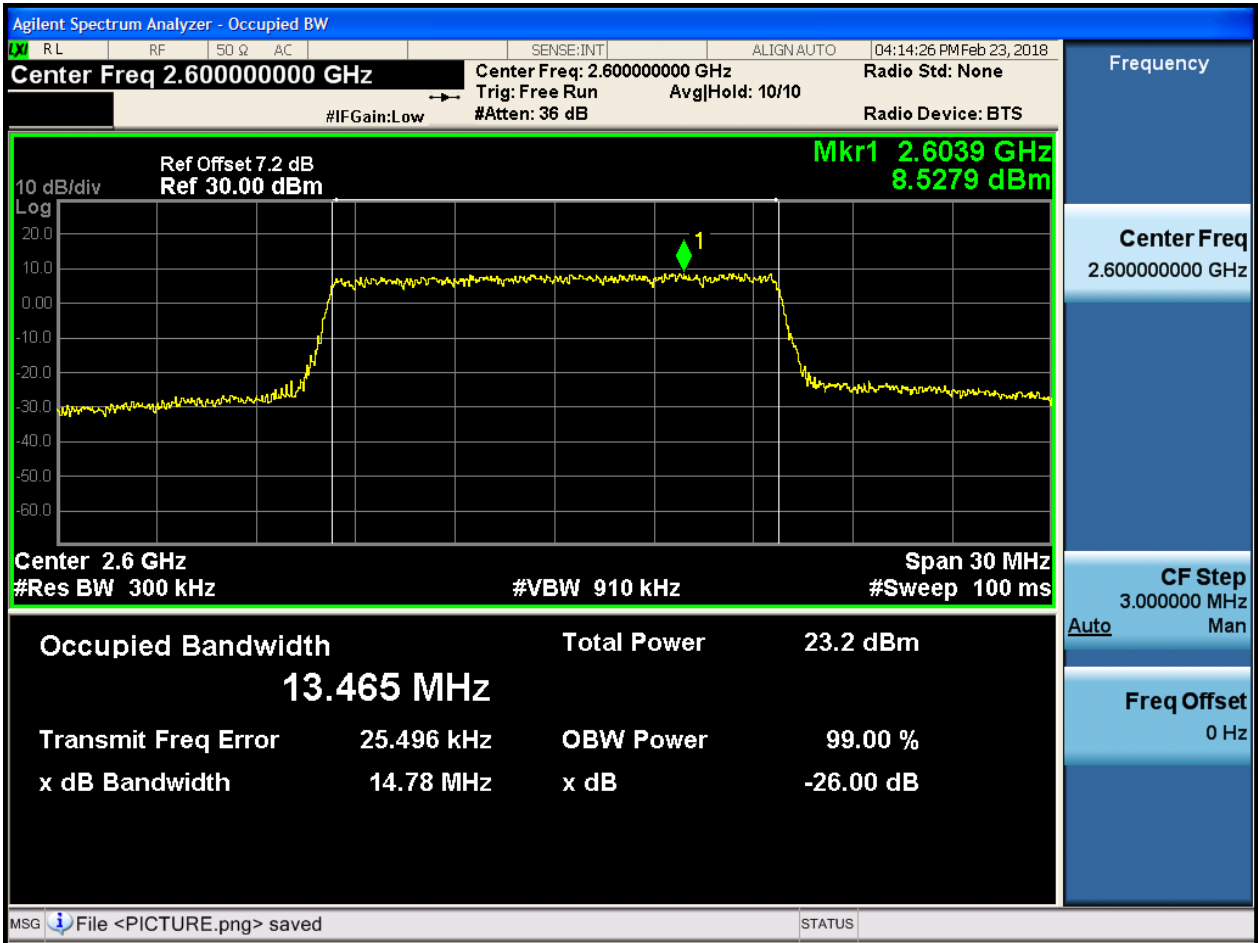
4.1.2.2.3.1.1 Test RB = RB75#0





4.1.2.2.3.2 Test Channel = MCH

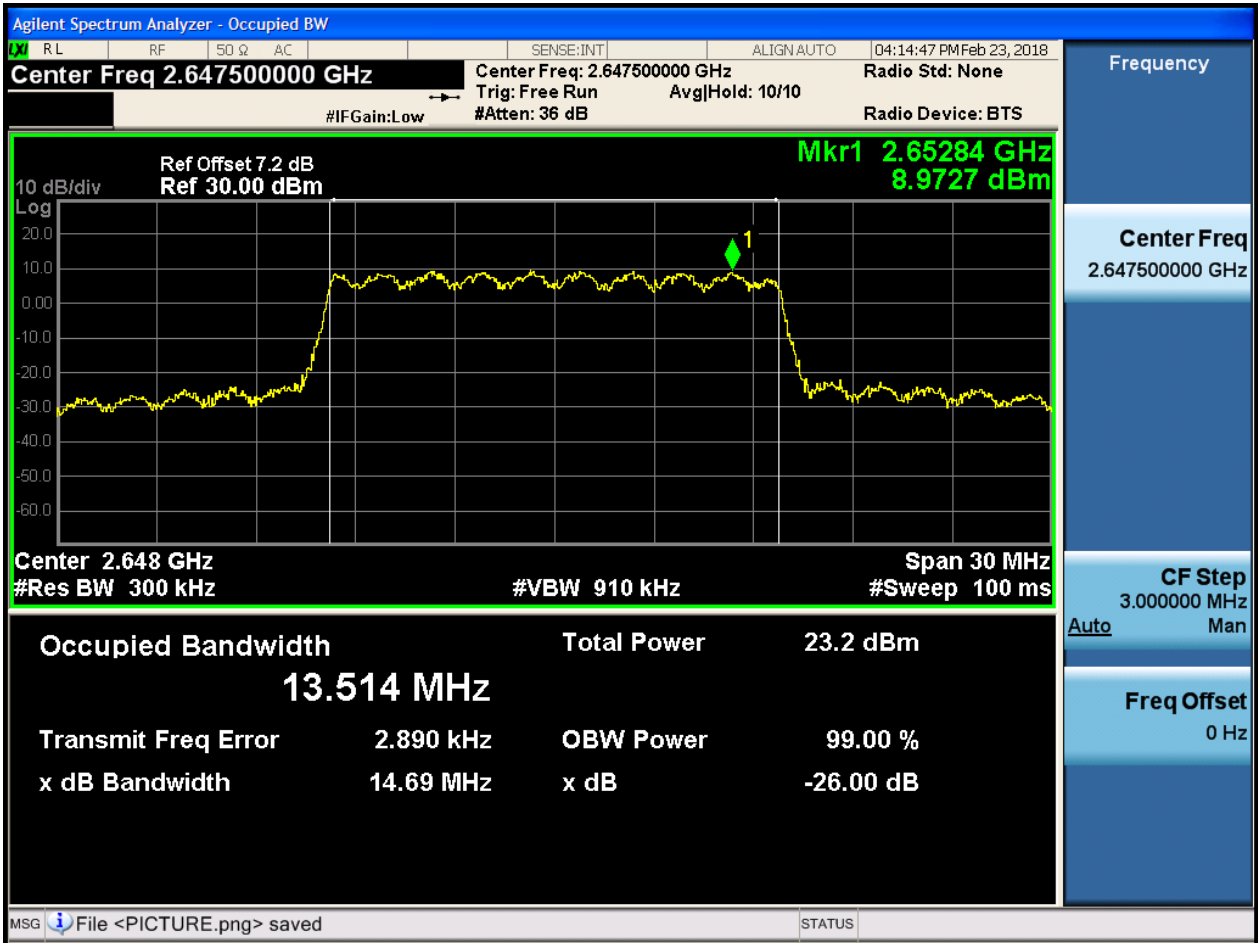
4.1.2.2.3.2.1 Test RB = RB75#0





4.1.2.2.3.3 Test Channel = HCH

4.1.2.2.3.3.1 Test RB = RB75#0

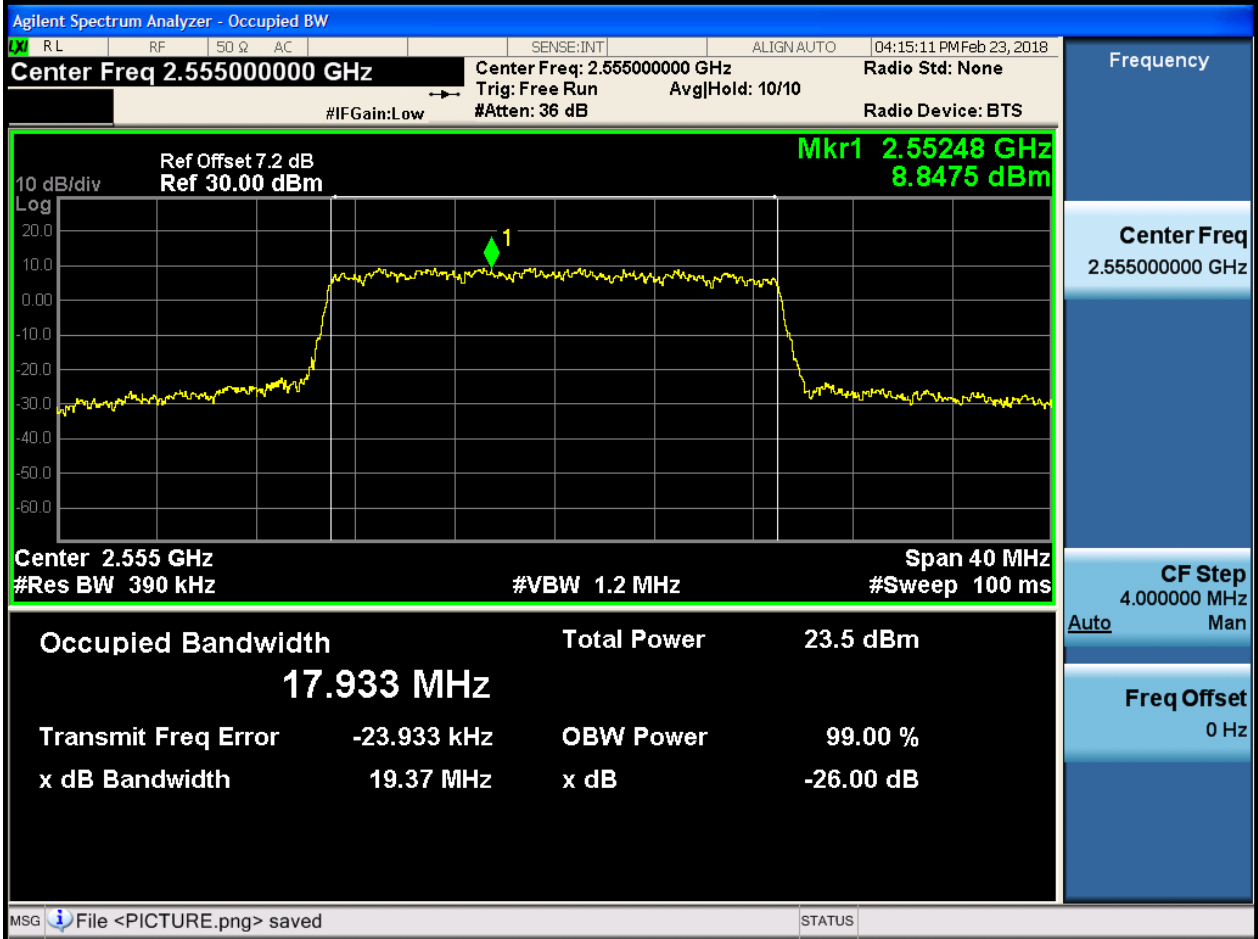




4.1.2.2.4 Test Bandwidth = 20

4.1.2.2.4.1 Test Channel = LCH

4.1.2.2.4.1.1 Test RB = RB100#0

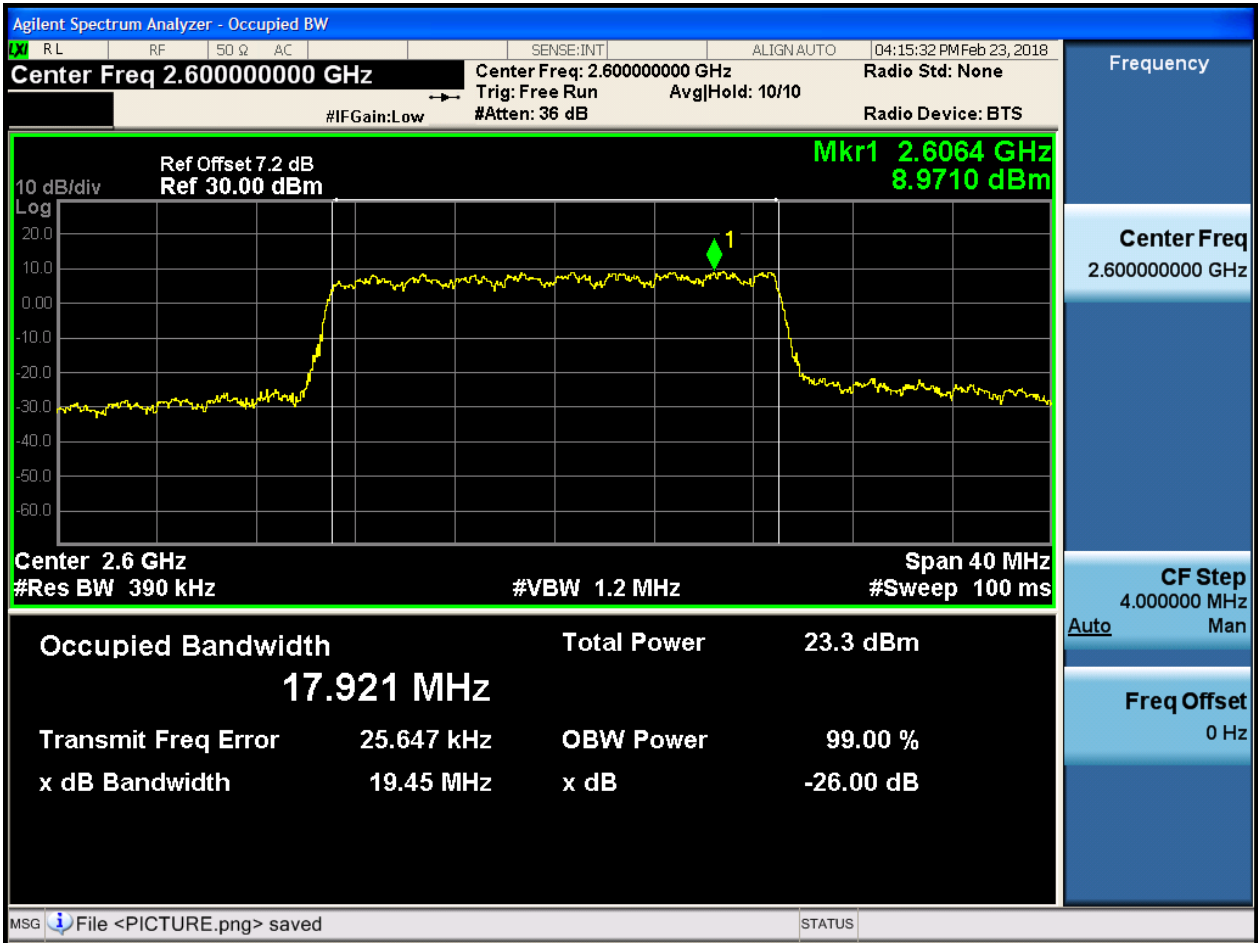






4.1.2.2.4.2 Test Channel = MCH

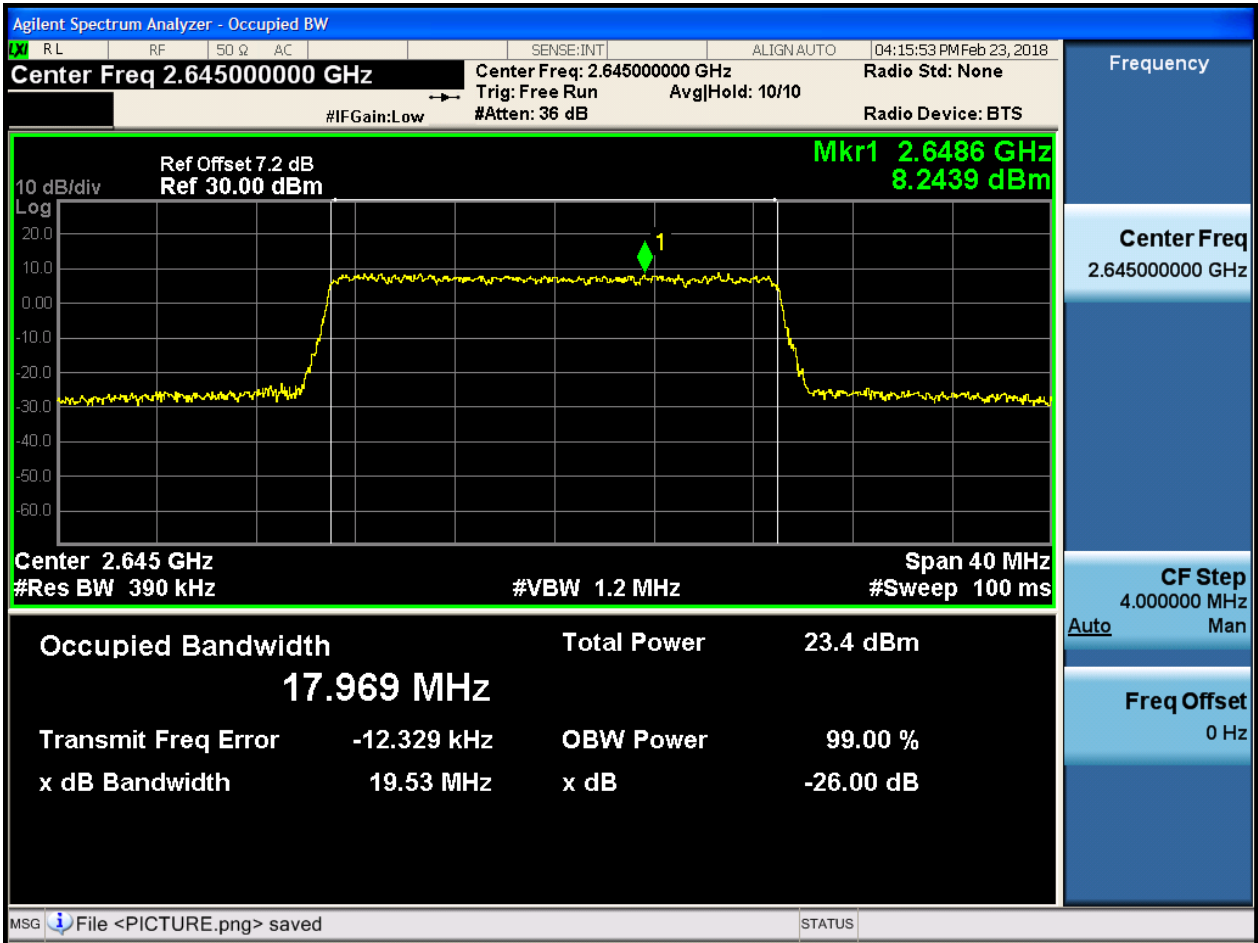
4.1.2.2.4.2.1 Test RB = RB100#0





4.1.2.2.4.3 Test Channel = HCH

4.1.2.2.4.3.1 Test RB = RB100#0





# 5Appendix\_E: Band Edges Compliance

## Part I - Test Plots

### 5.1 For LTE

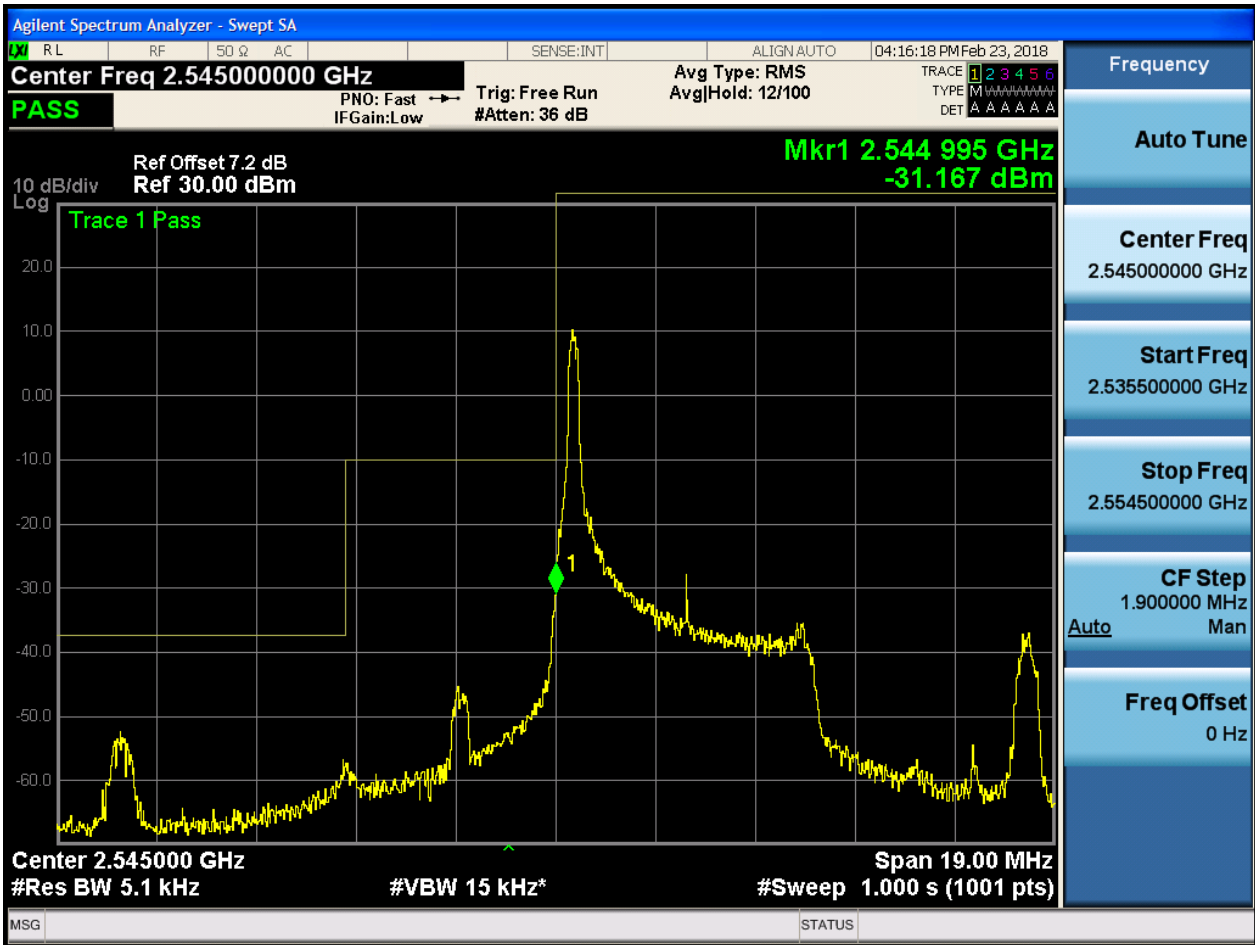
#### 5.1.1 Test Band = BAND41

##### 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



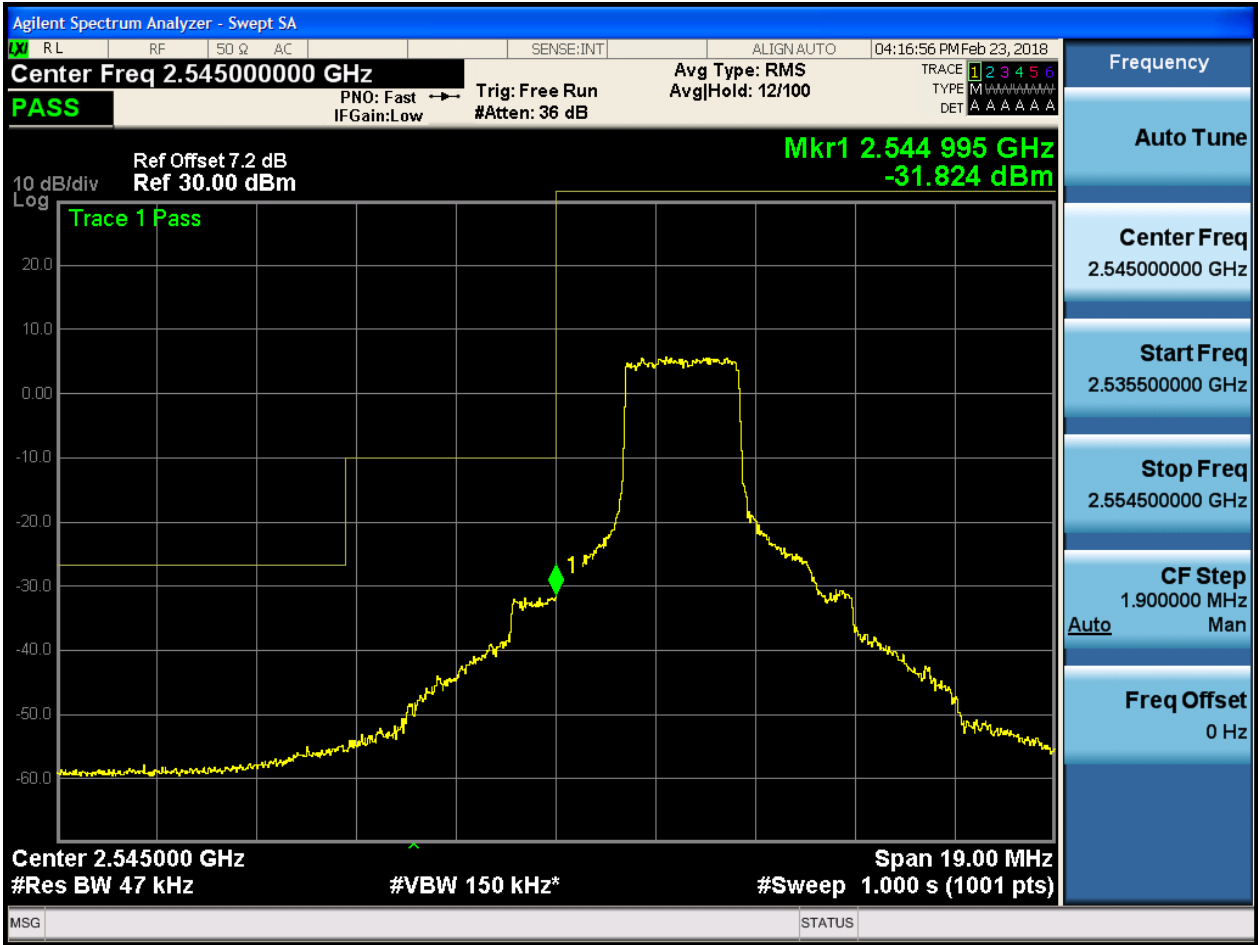


5.1.1.1.1.2 Test RB = RB1#24





5.1.1.1.1.3 Test RB = RB12#6





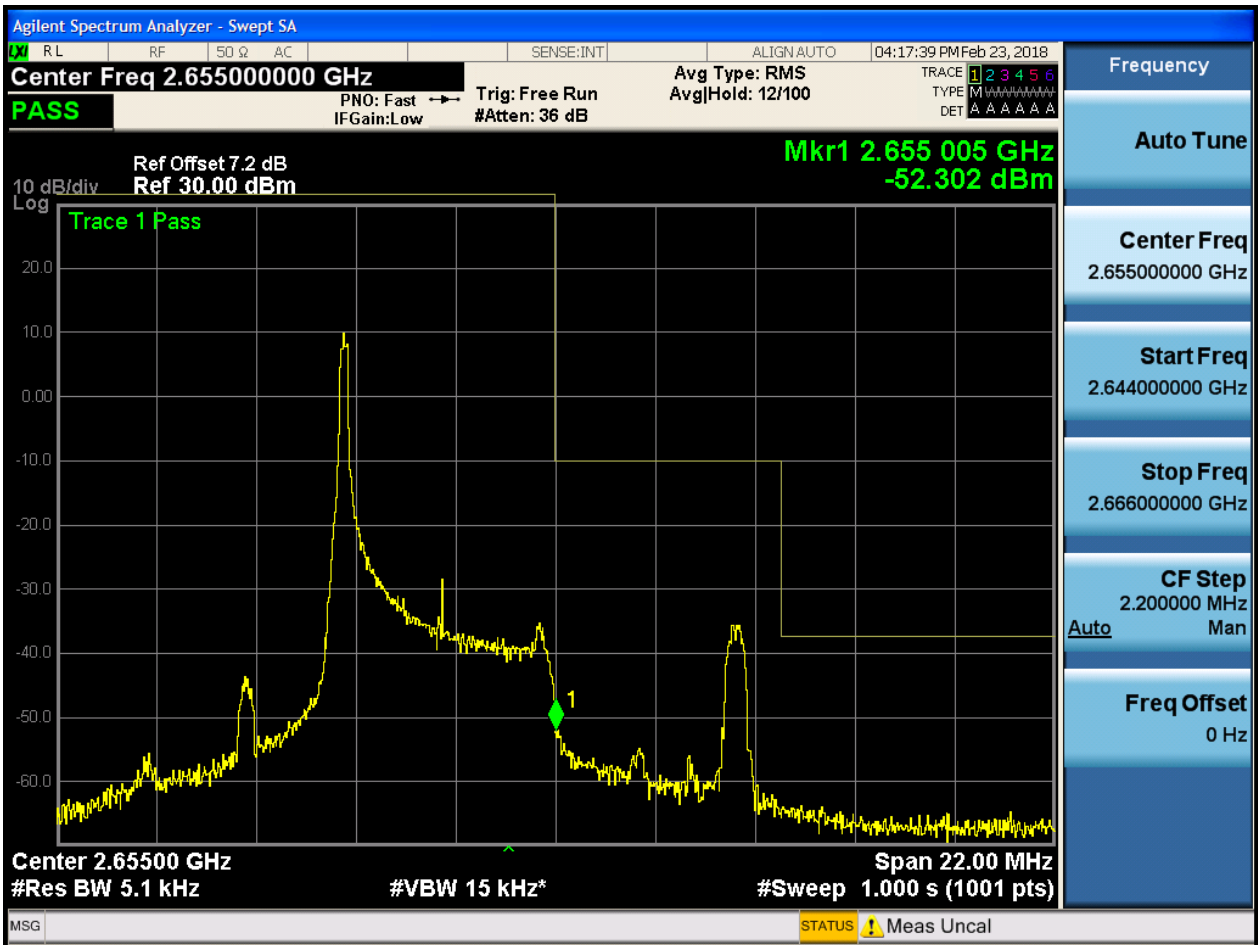
5.1.1.1.1.4 Test RB = RB25#0





5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





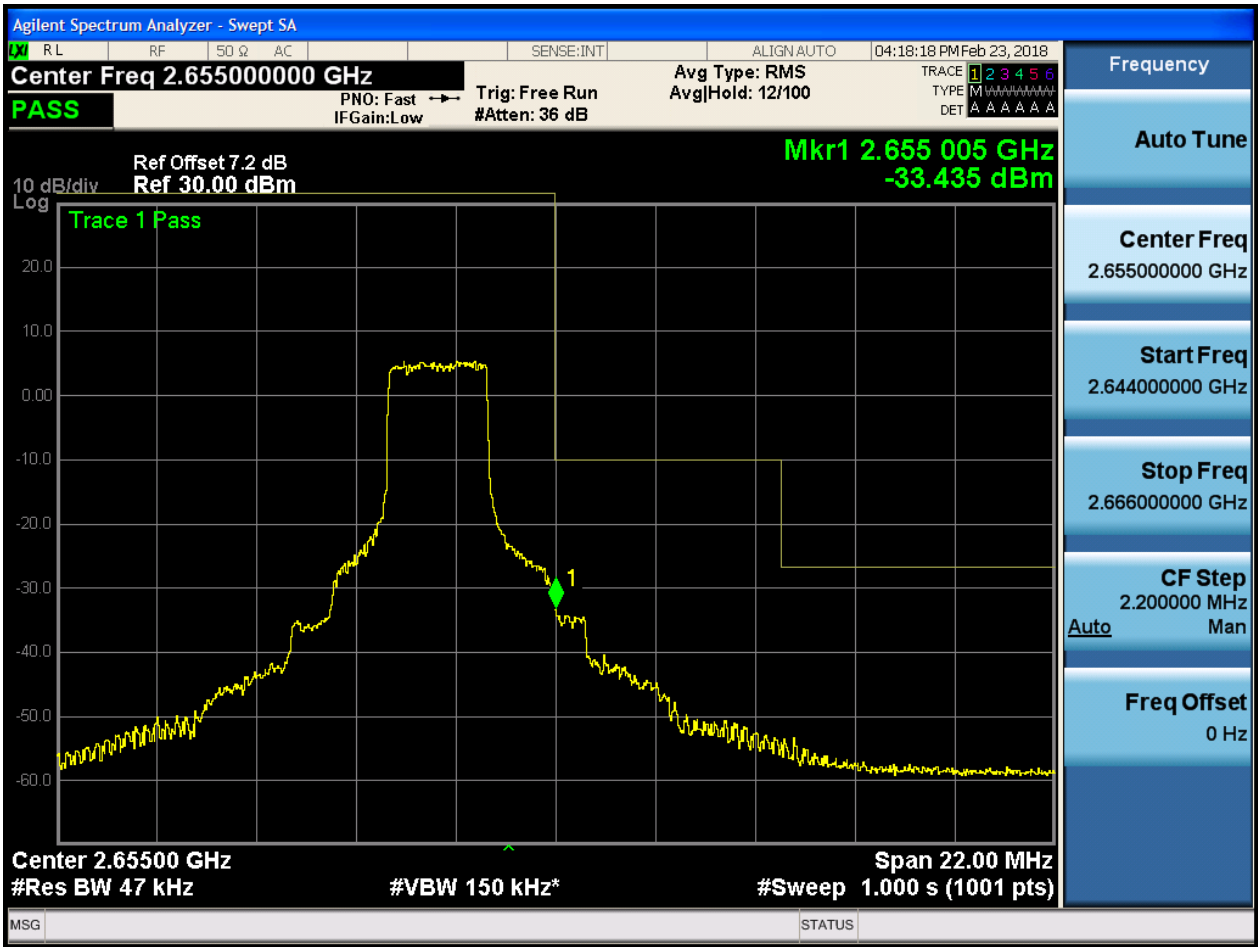
5.1.1.1.1.2.2 Test RB = RB1#24







5.1.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.1.2.4 Test RB = RB25#0

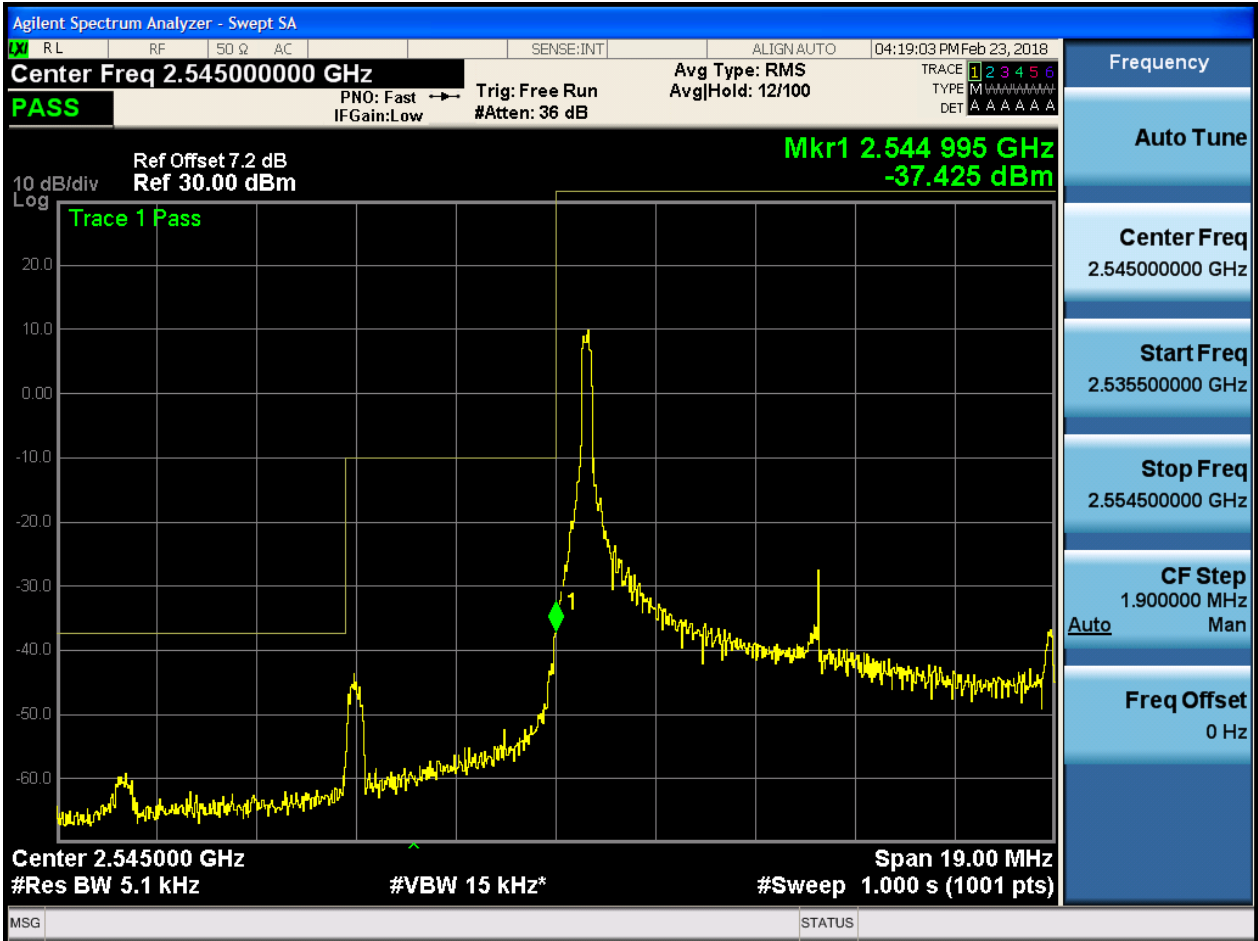




5.1.1.1.2 Test Bandwidth = 10

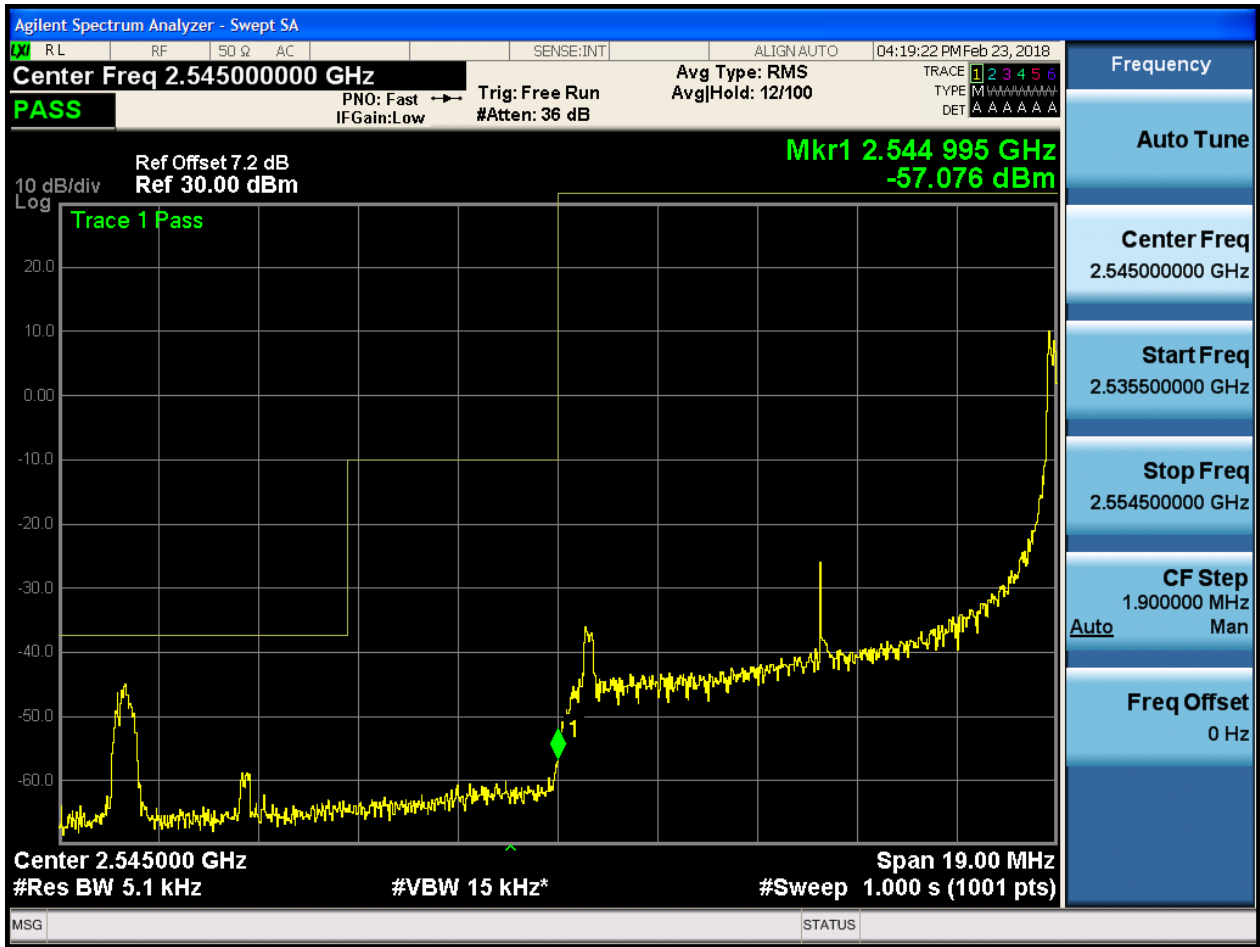
5.1.1.1.2.1 Test Channel = LCH

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





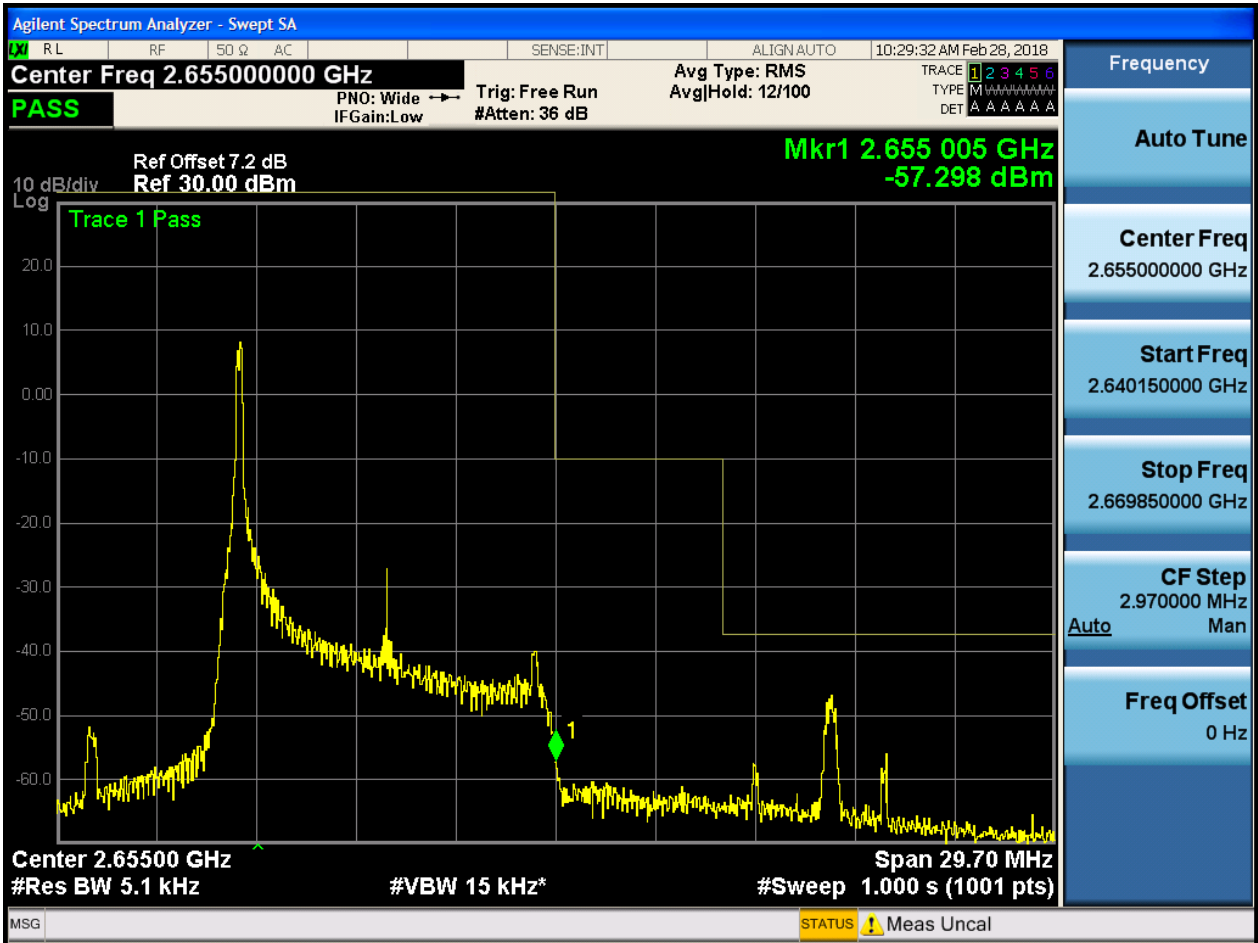
5.1.1.1.2.1.4 Test RB = RB50#0





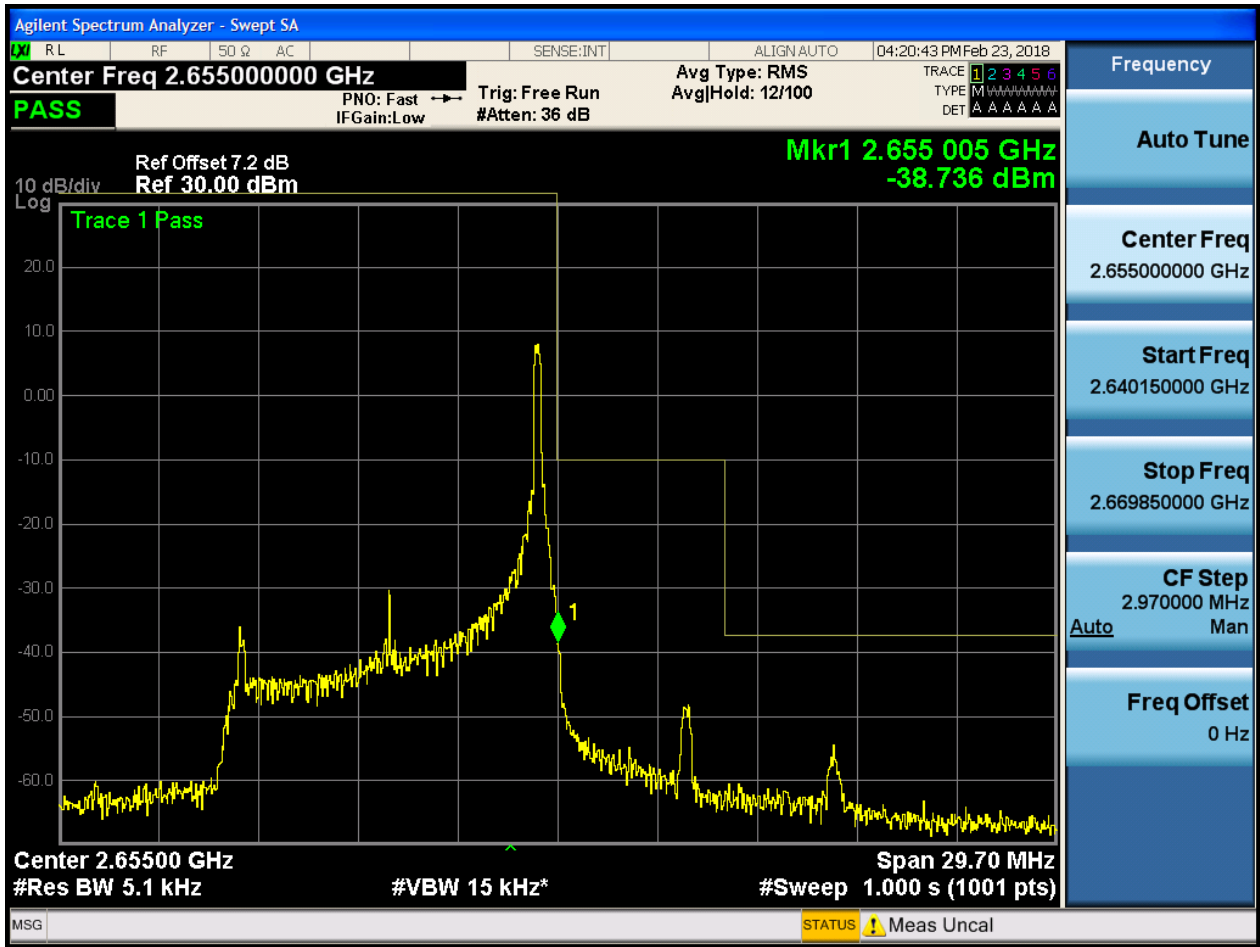
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





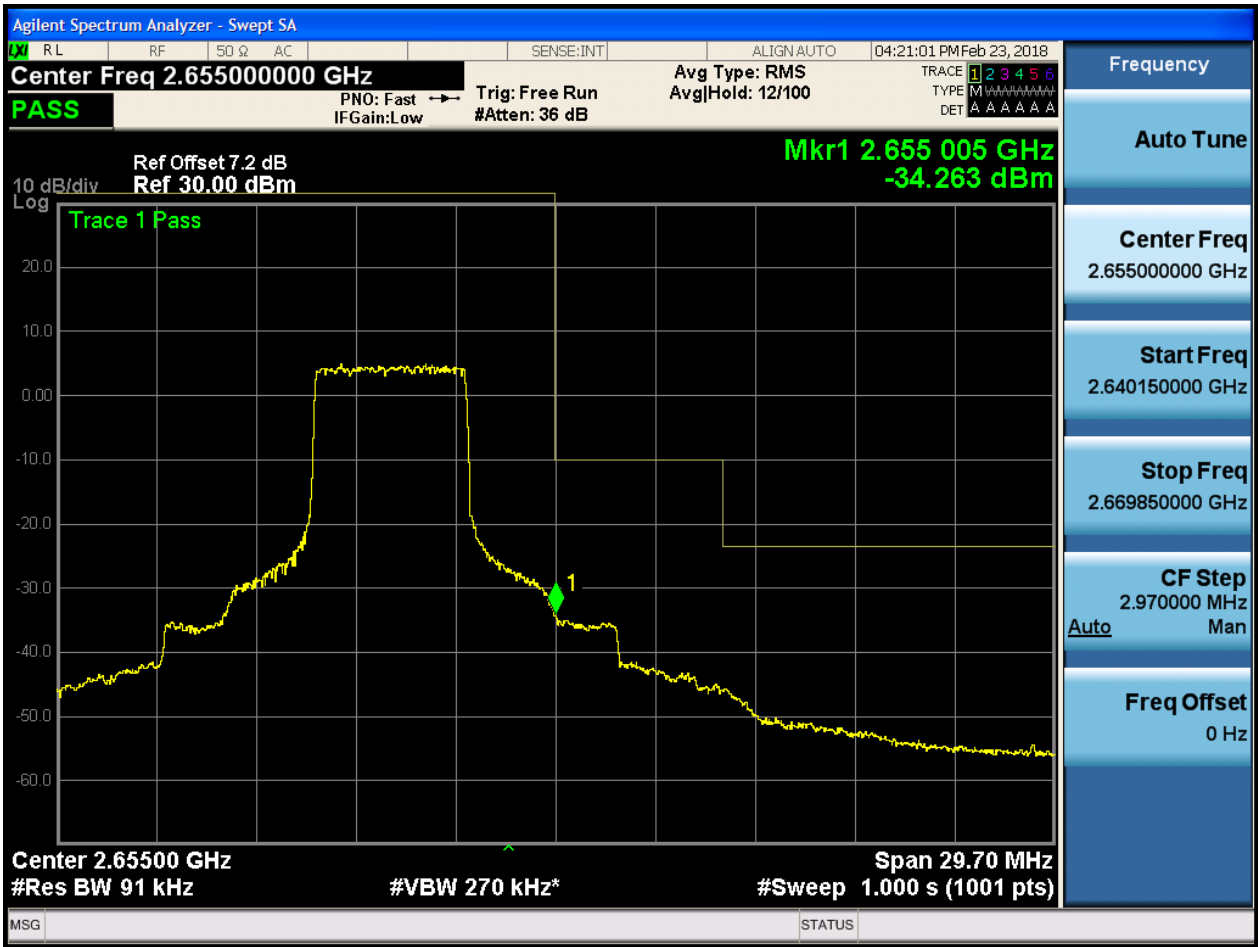
5.1.1.1.2.2.2 Test RB = RB1#49





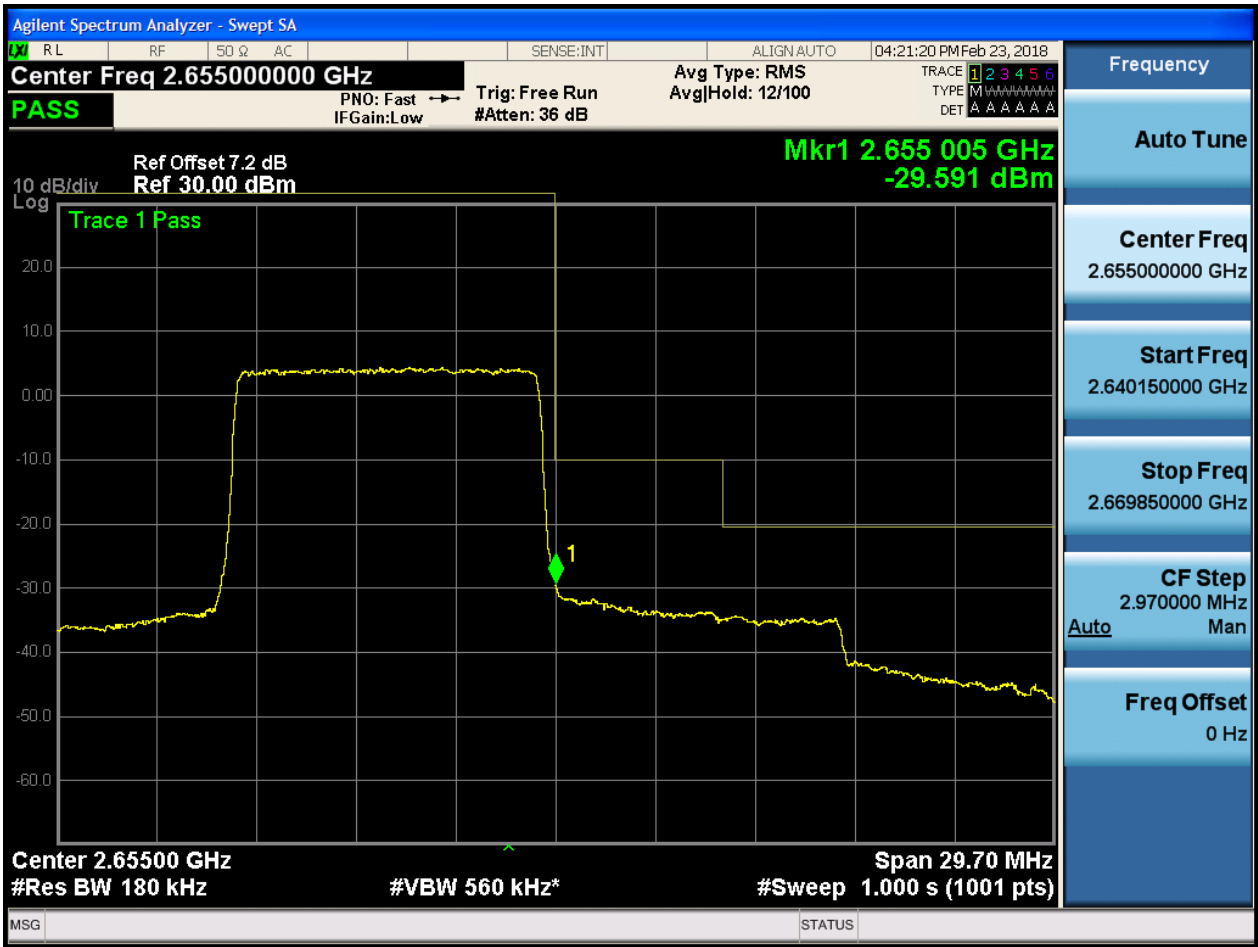


5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0

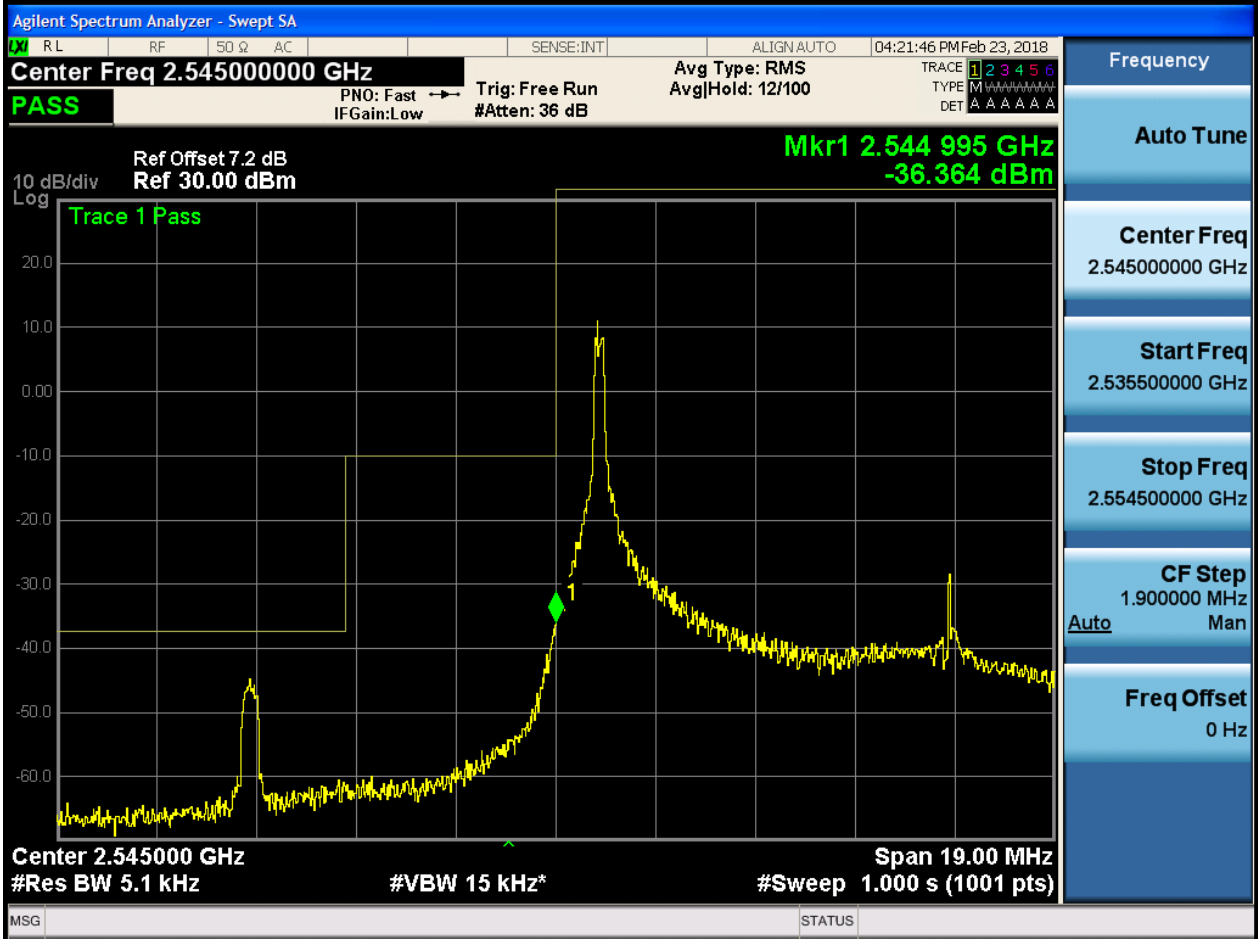




5.1.1.1.3 Test Bandwidth = 15

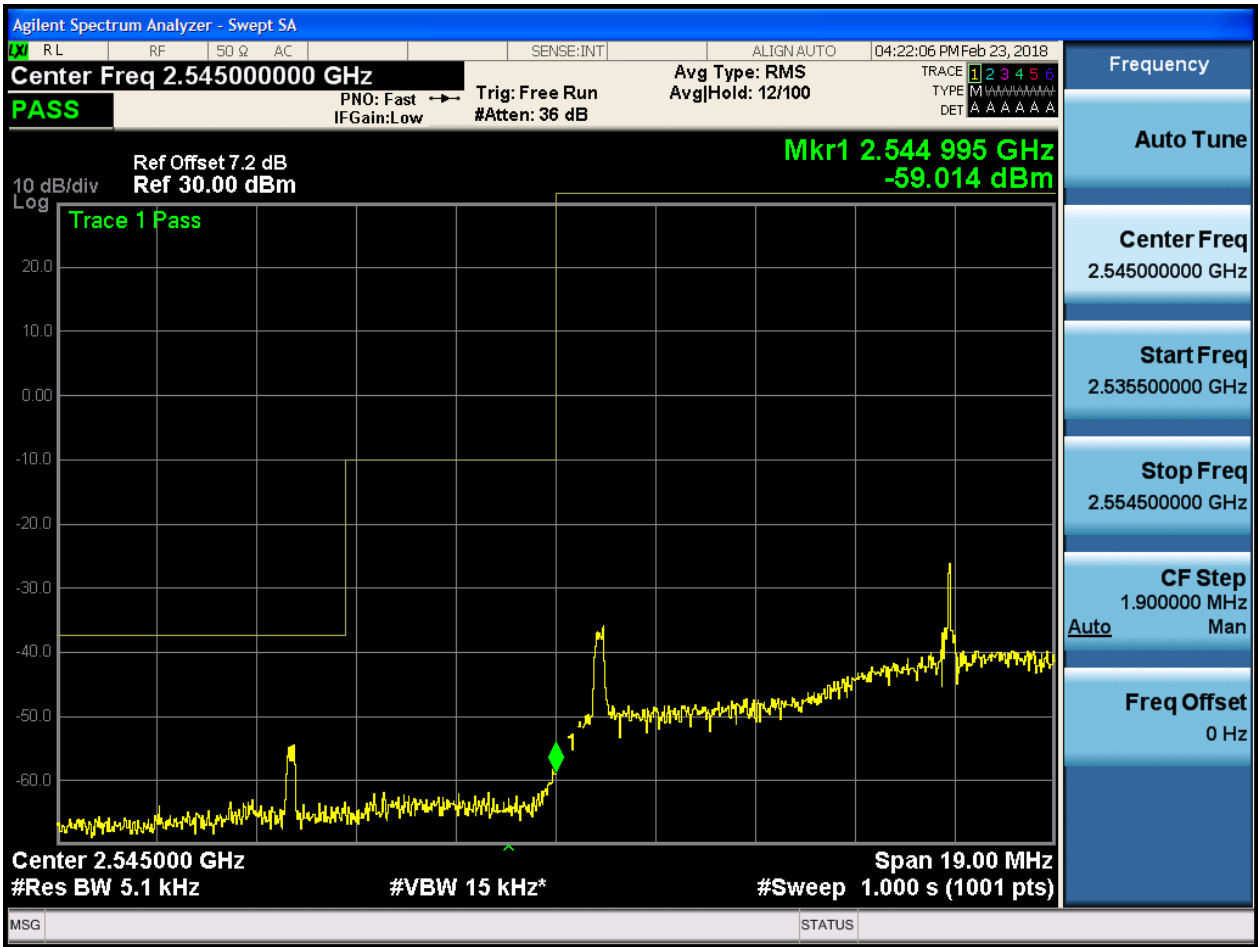
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#74



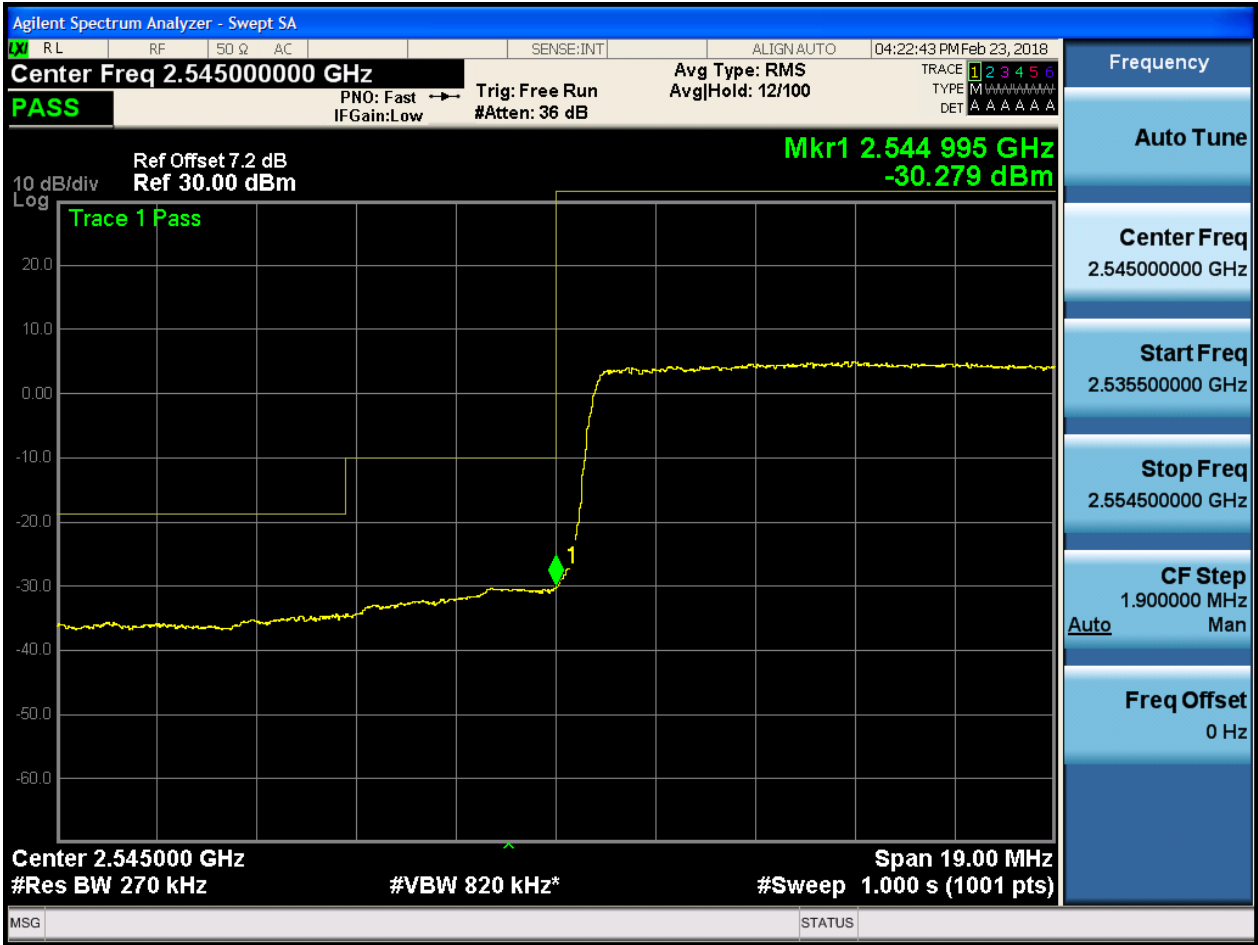


5.1.1.1.3.1.3 Test RB = RB36#18





5.1.1.1.3.1.4 Test RB = RB75#0





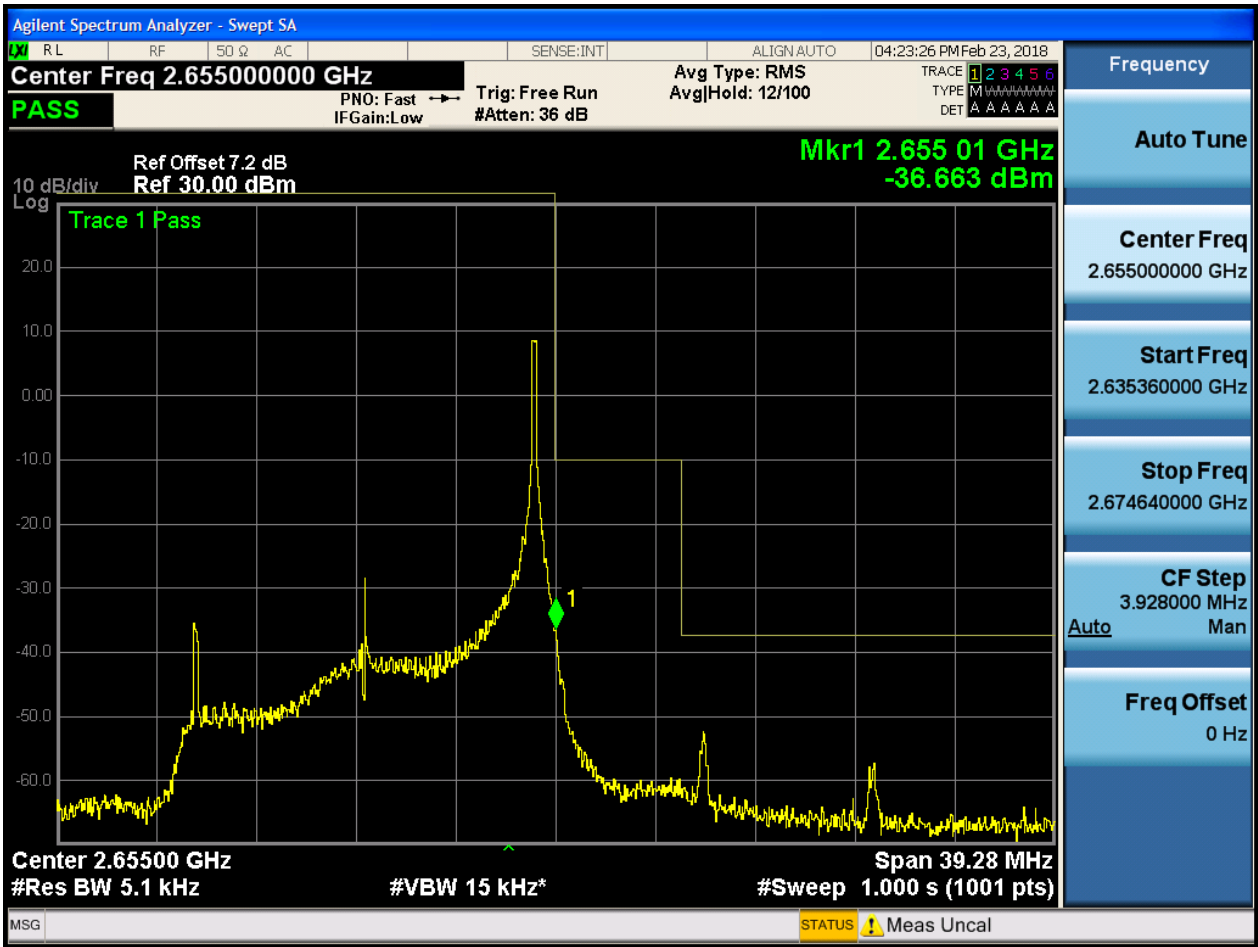
5.1.1.1.3.2 Test Channel = HCH

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

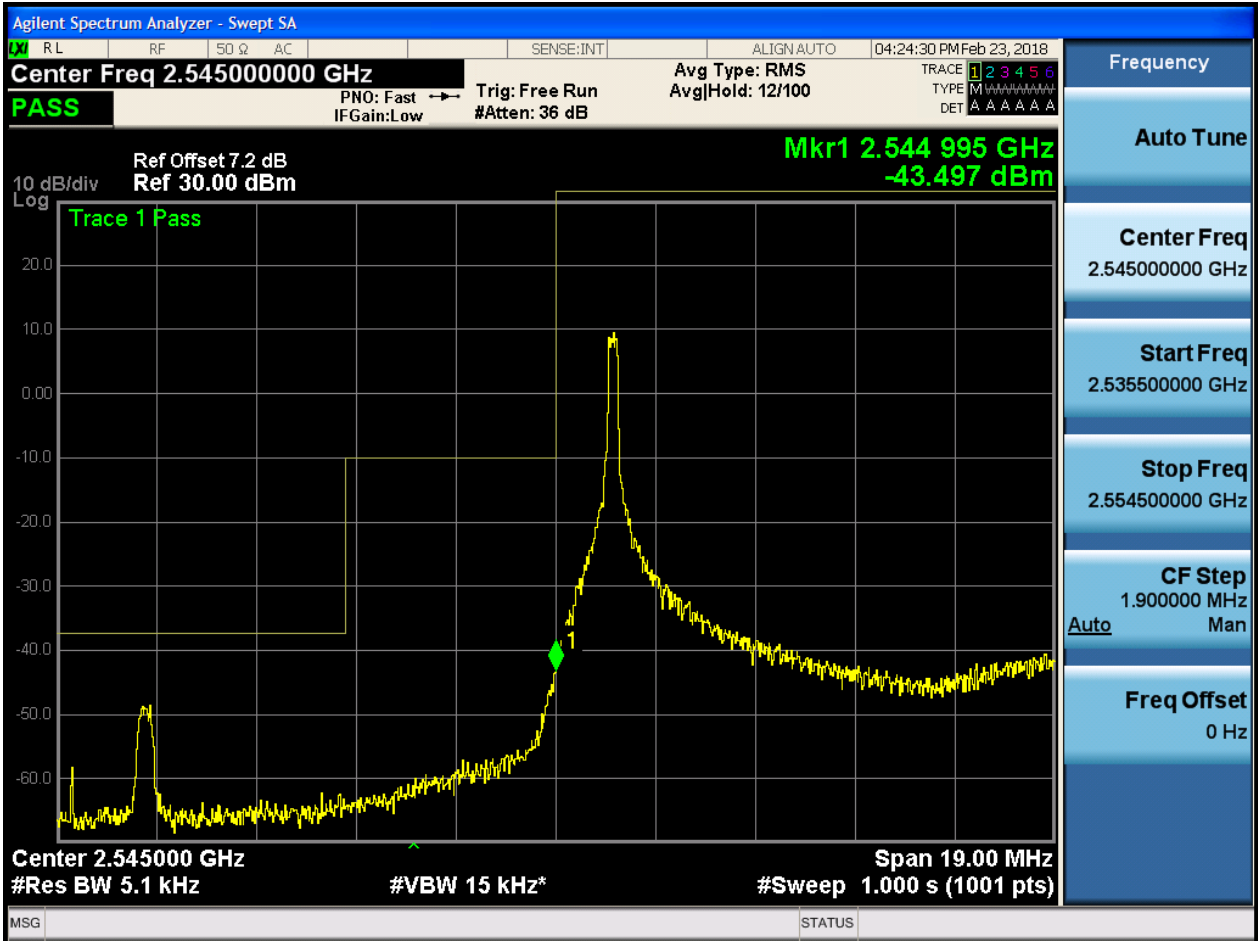




5.1.1.1.4 Test Bandwidth = 20

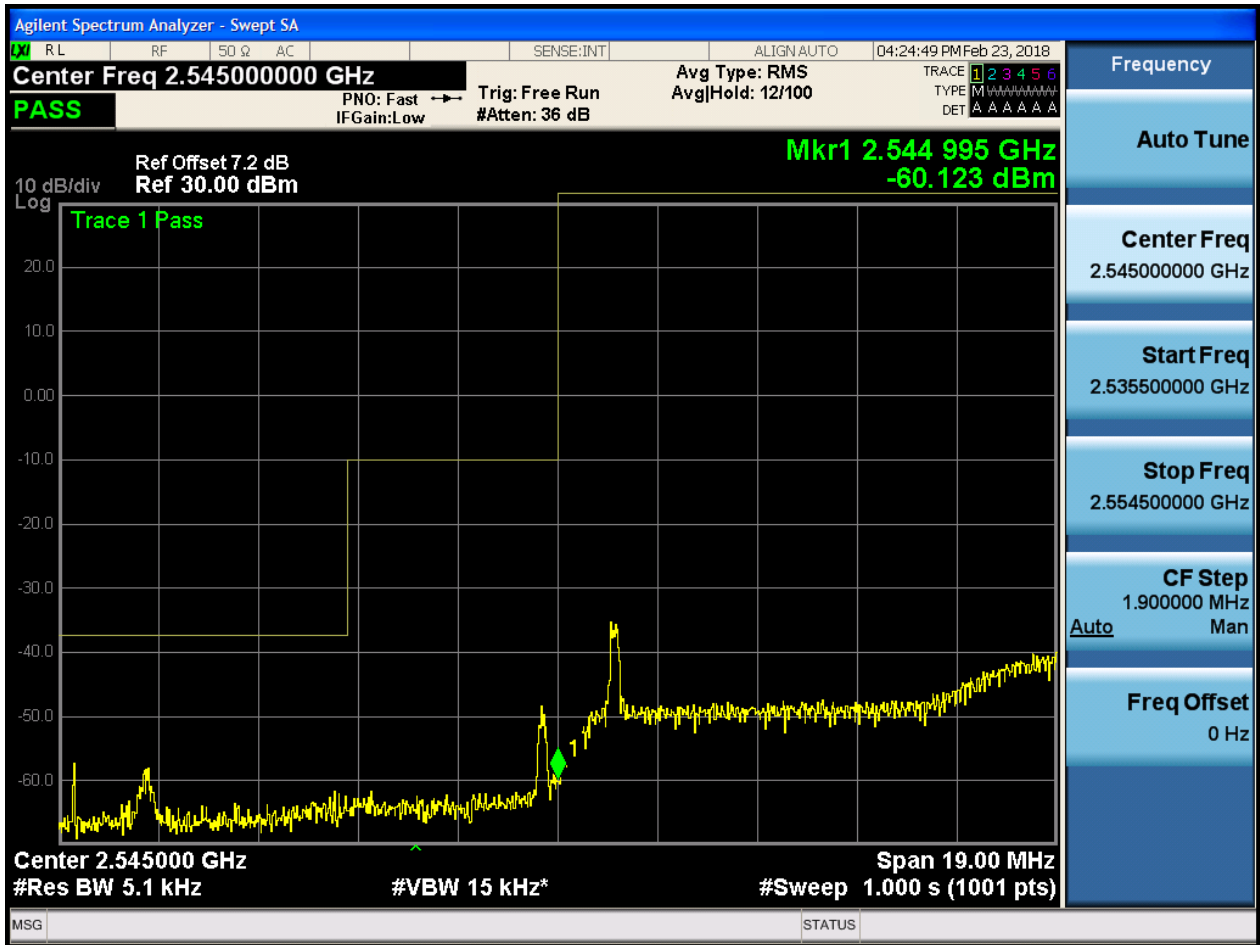
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#99



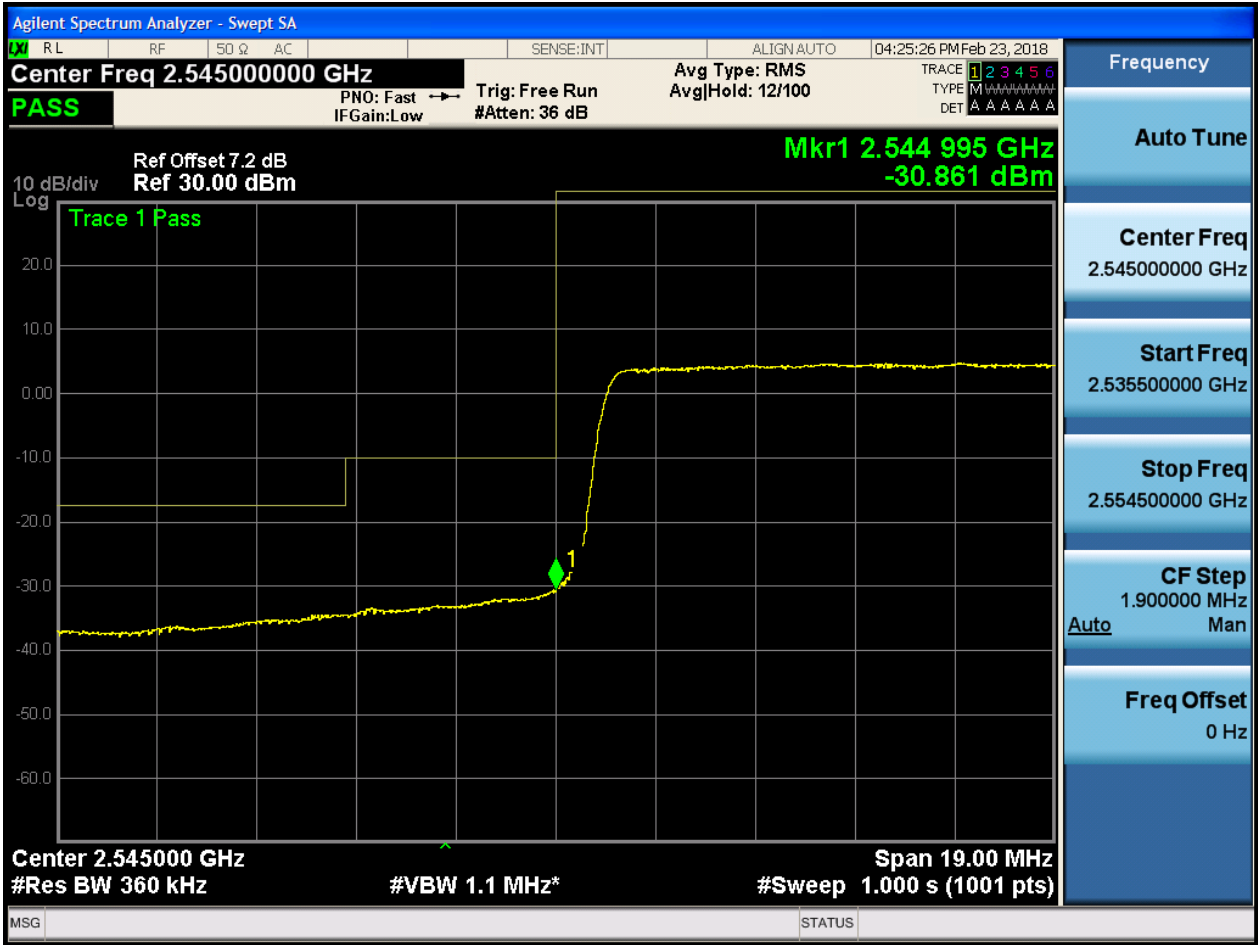


5.1.1.1.4.1.3 Test RB = RB50#25





5.1.1.1.4.1.4 Test RB = RB100#0





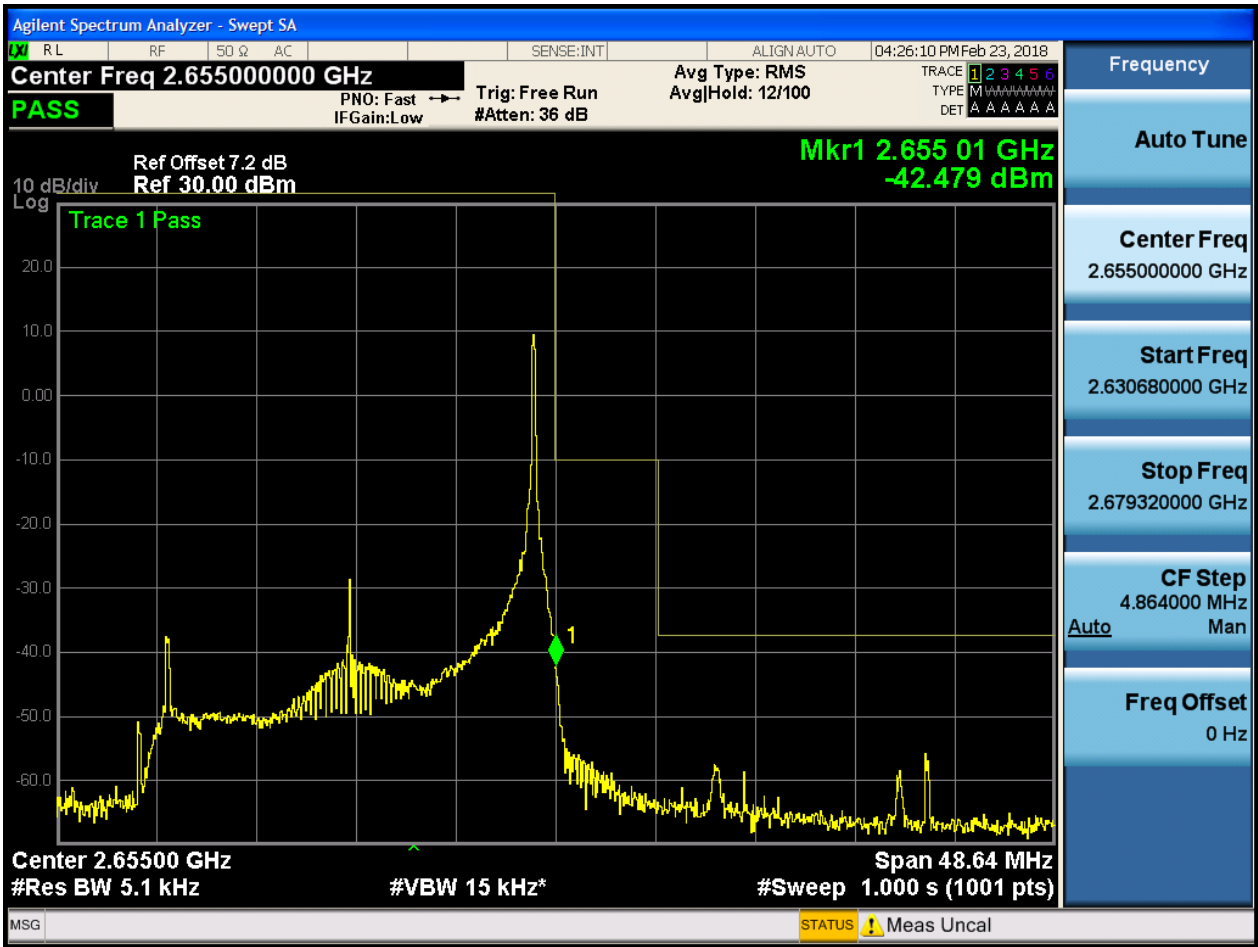
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





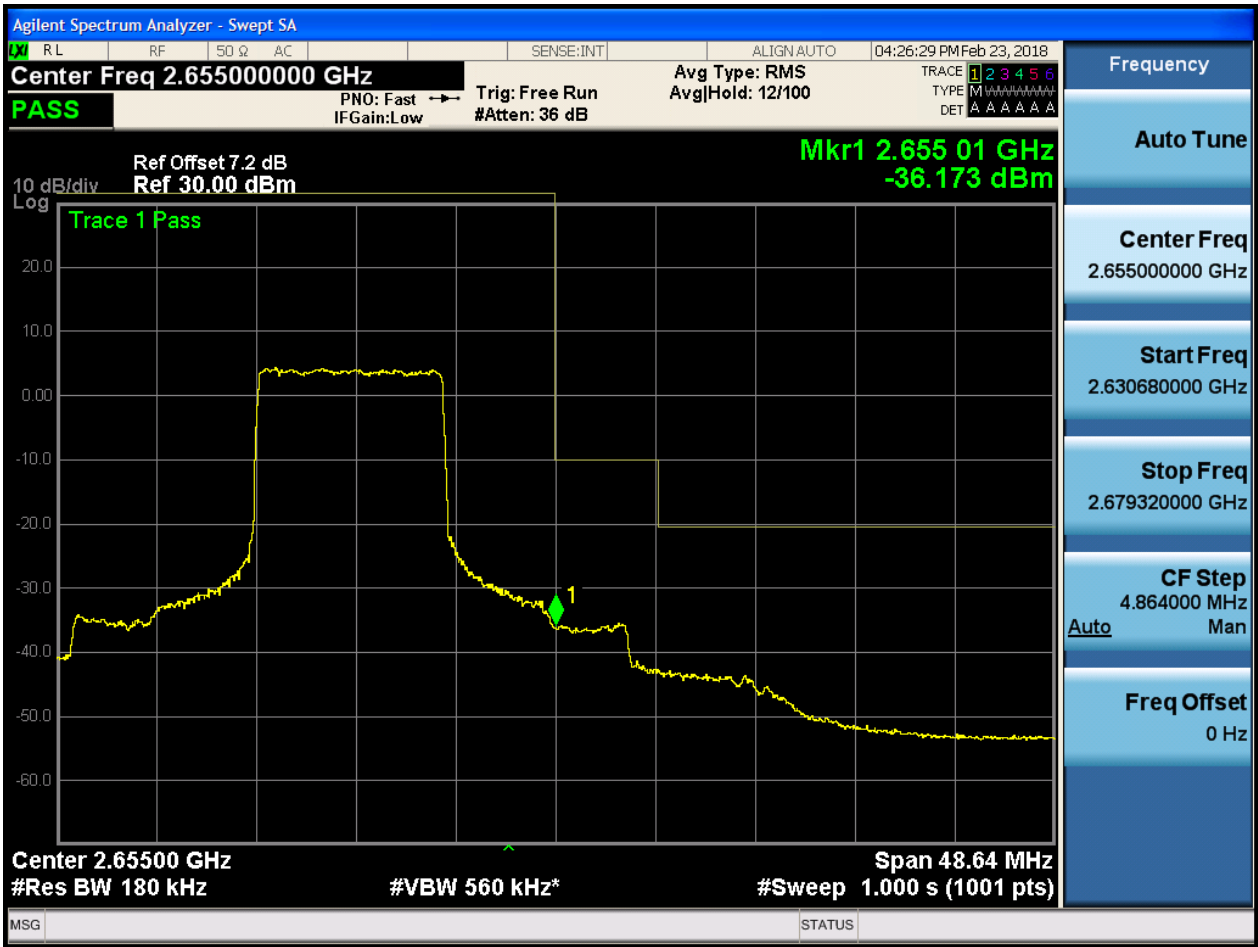
5.1.1.1.4.2.2 Test RB = RB1#99







5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



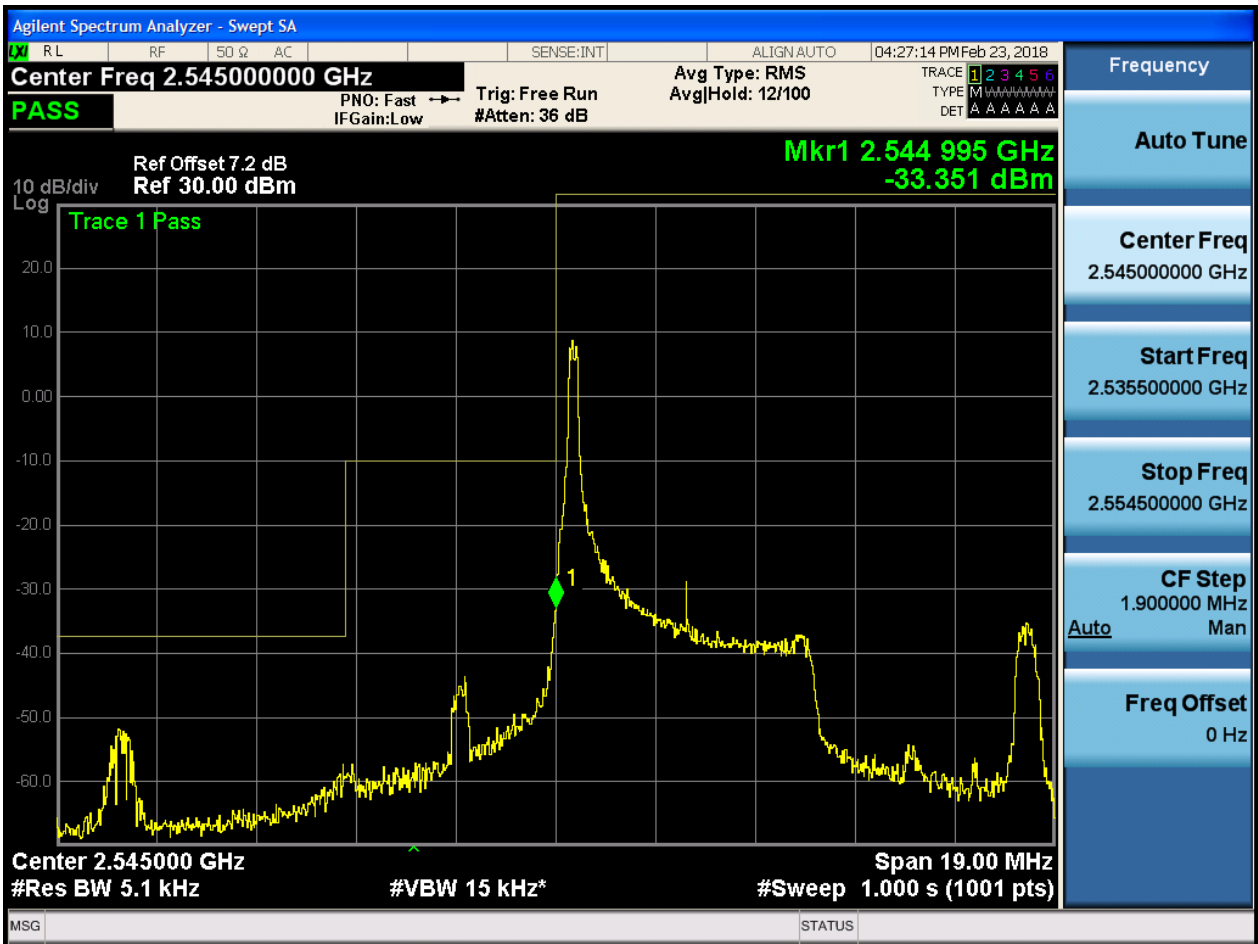


5.1.1.2 Test Mode = LTE/TM2

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



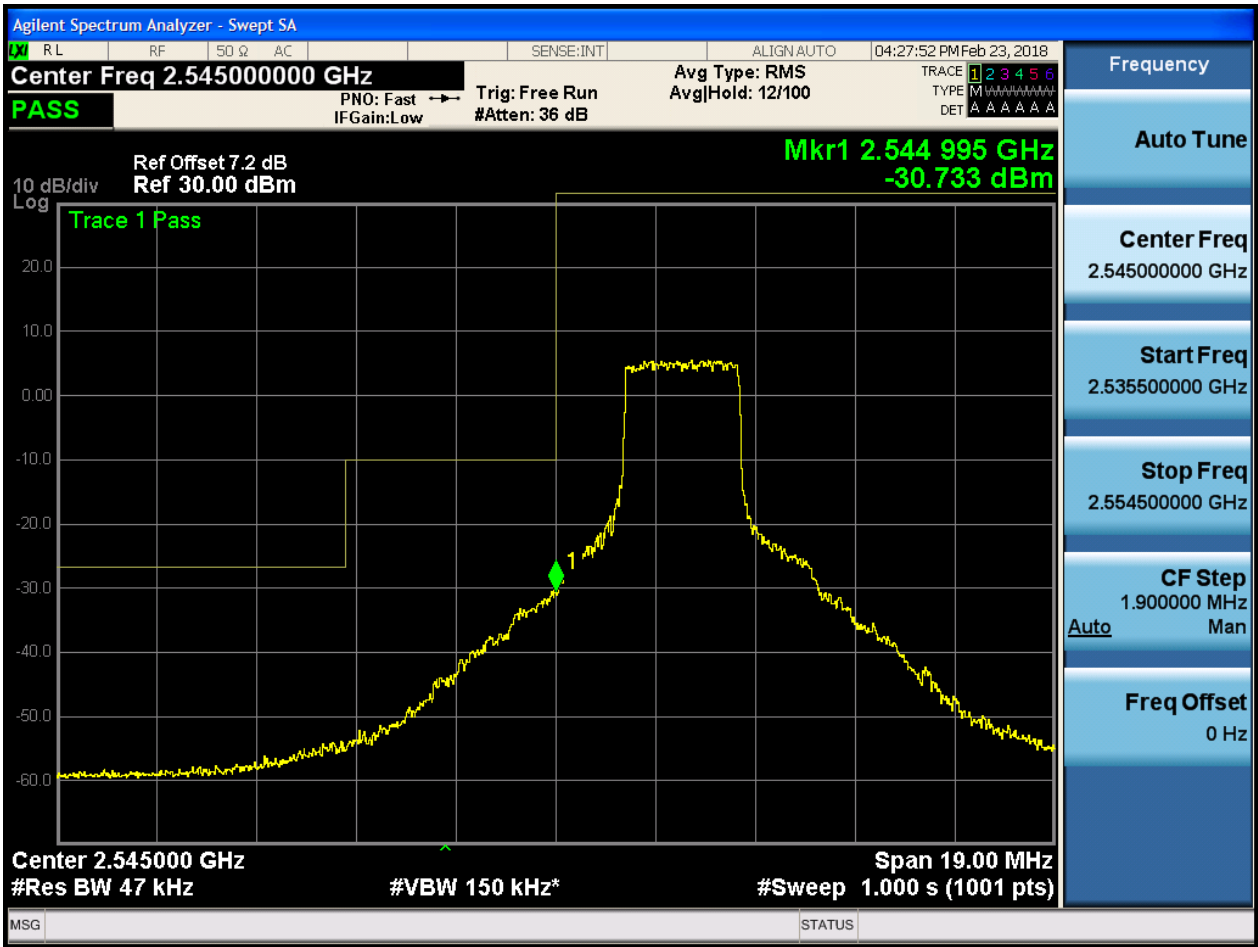


5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6





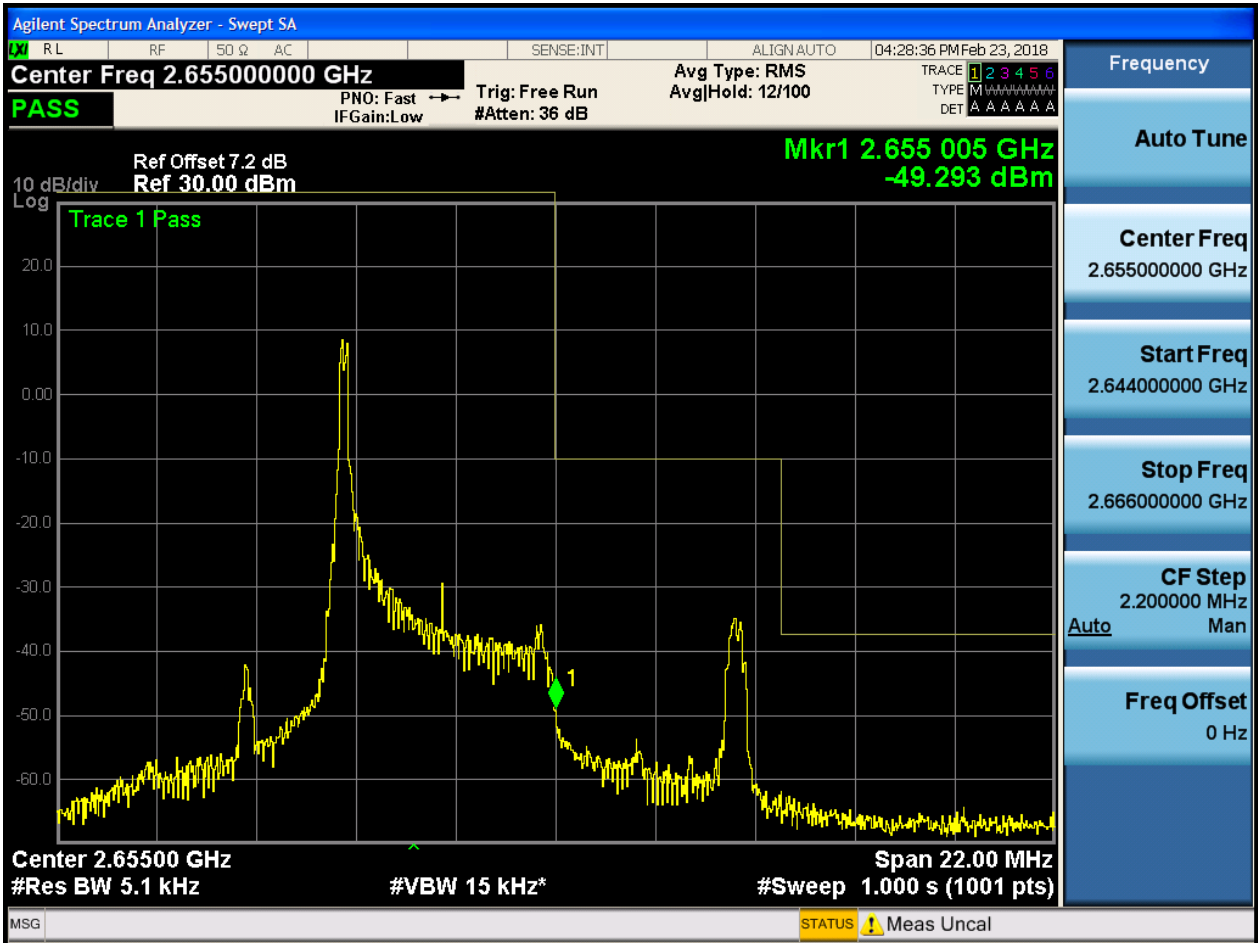
5.1.1.2.1.1.4 Test RB = RB25#0





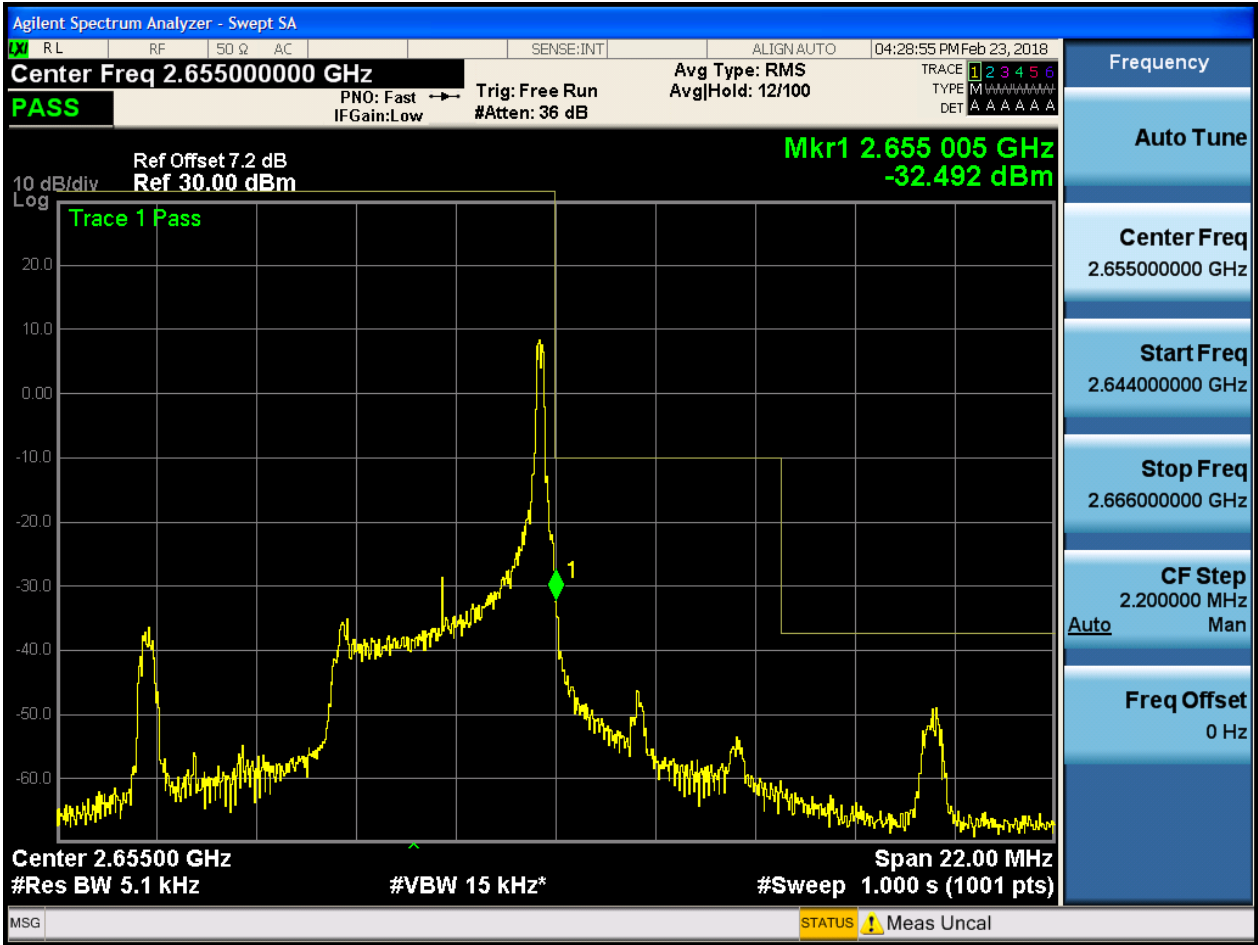
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





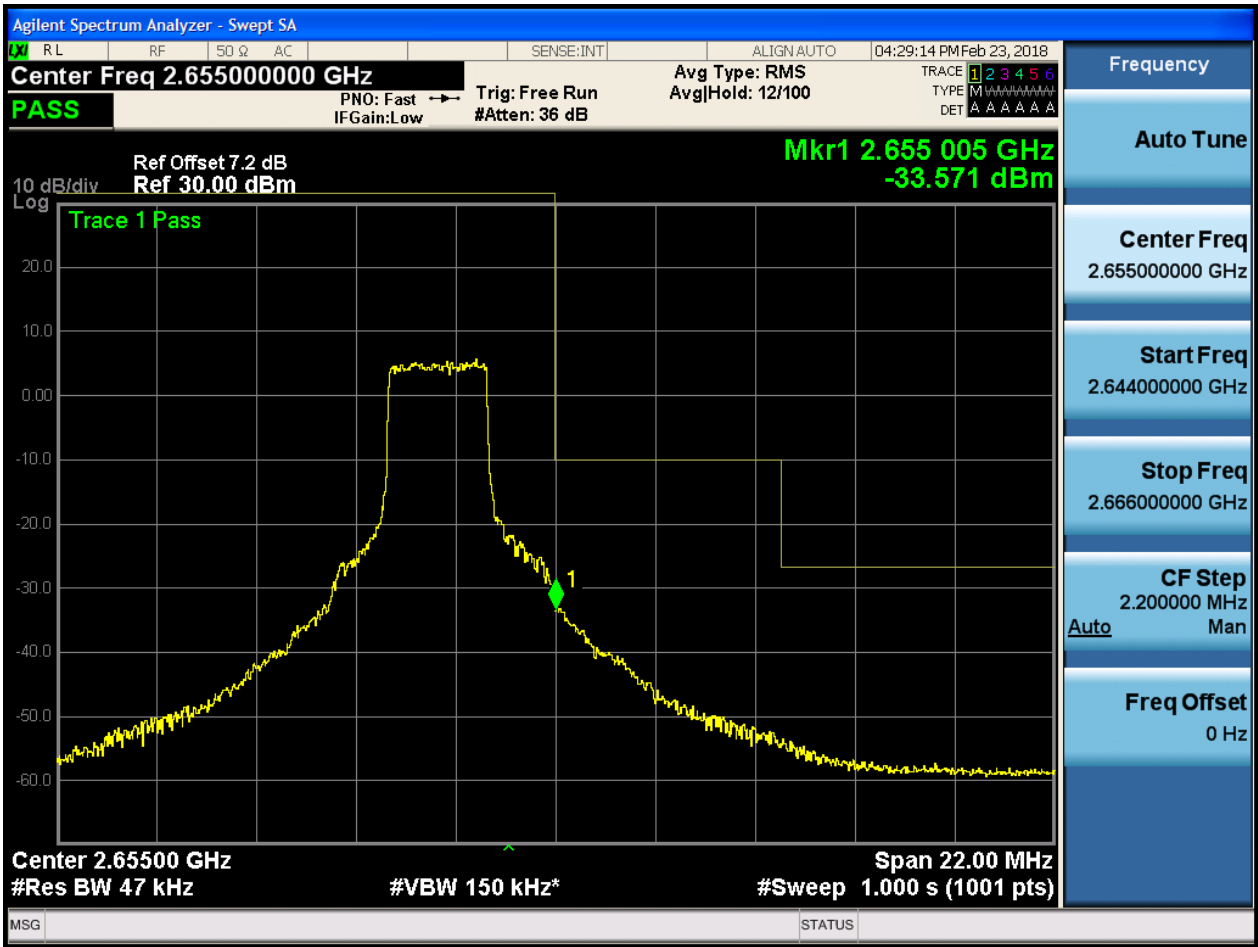
5.1.1.2.1.2.2 Test RB = RB1#24





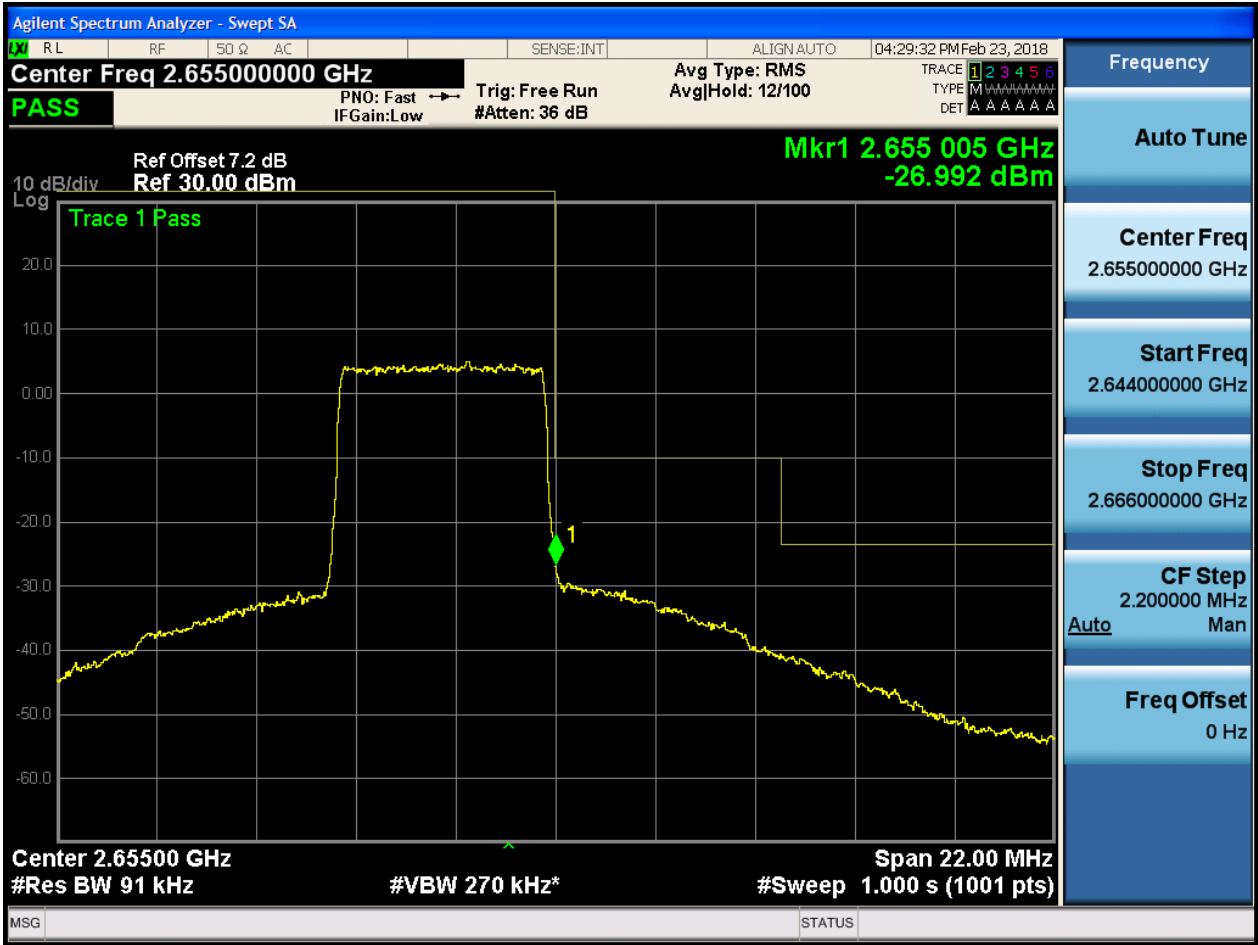


5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

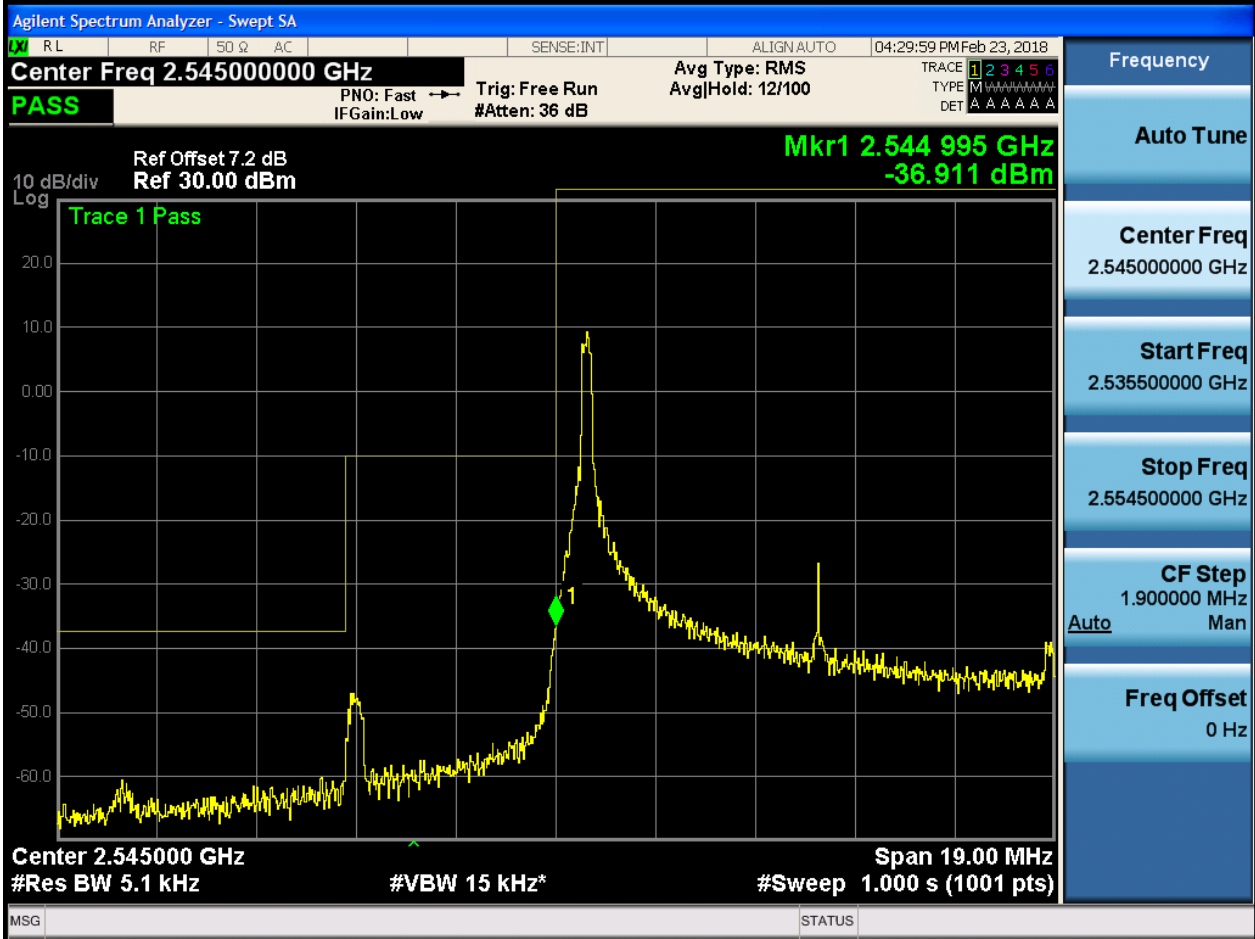




5.1.1.2.2 Test Bandwidth = 10

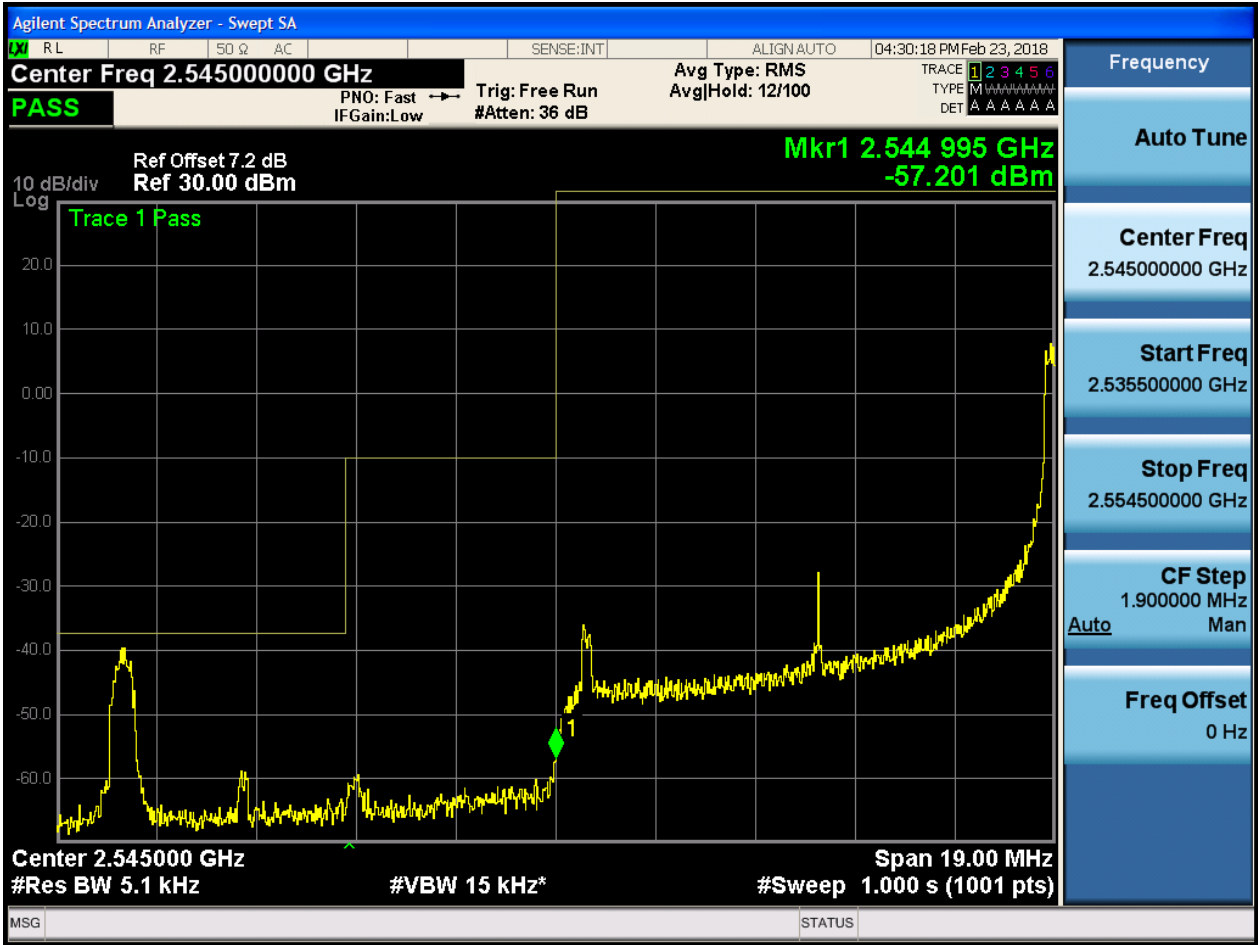
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



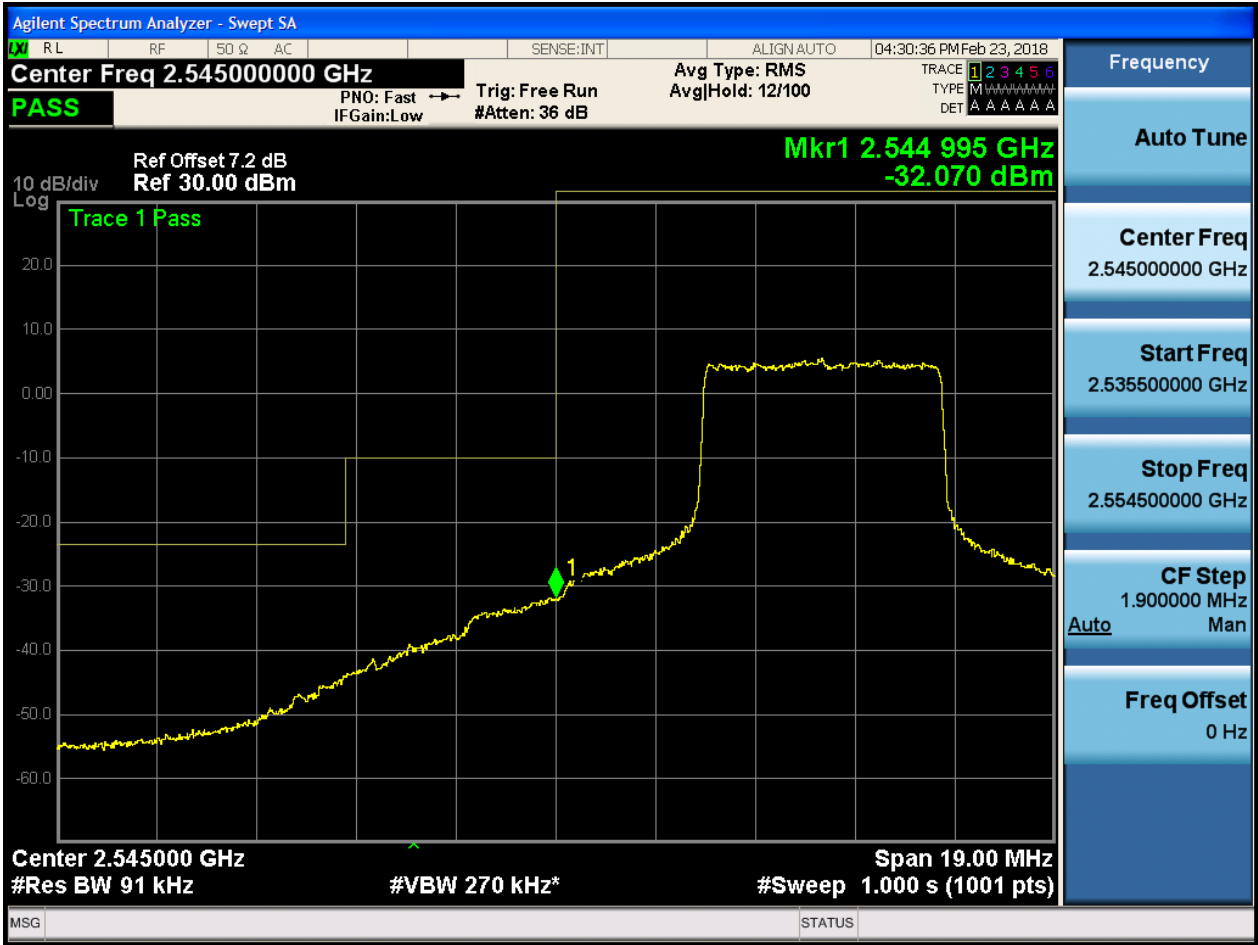


5.1.1.2.2.1.2 Test RB = RB1#49





5.1.1.2.2.1.3 Test RB = RB25#13





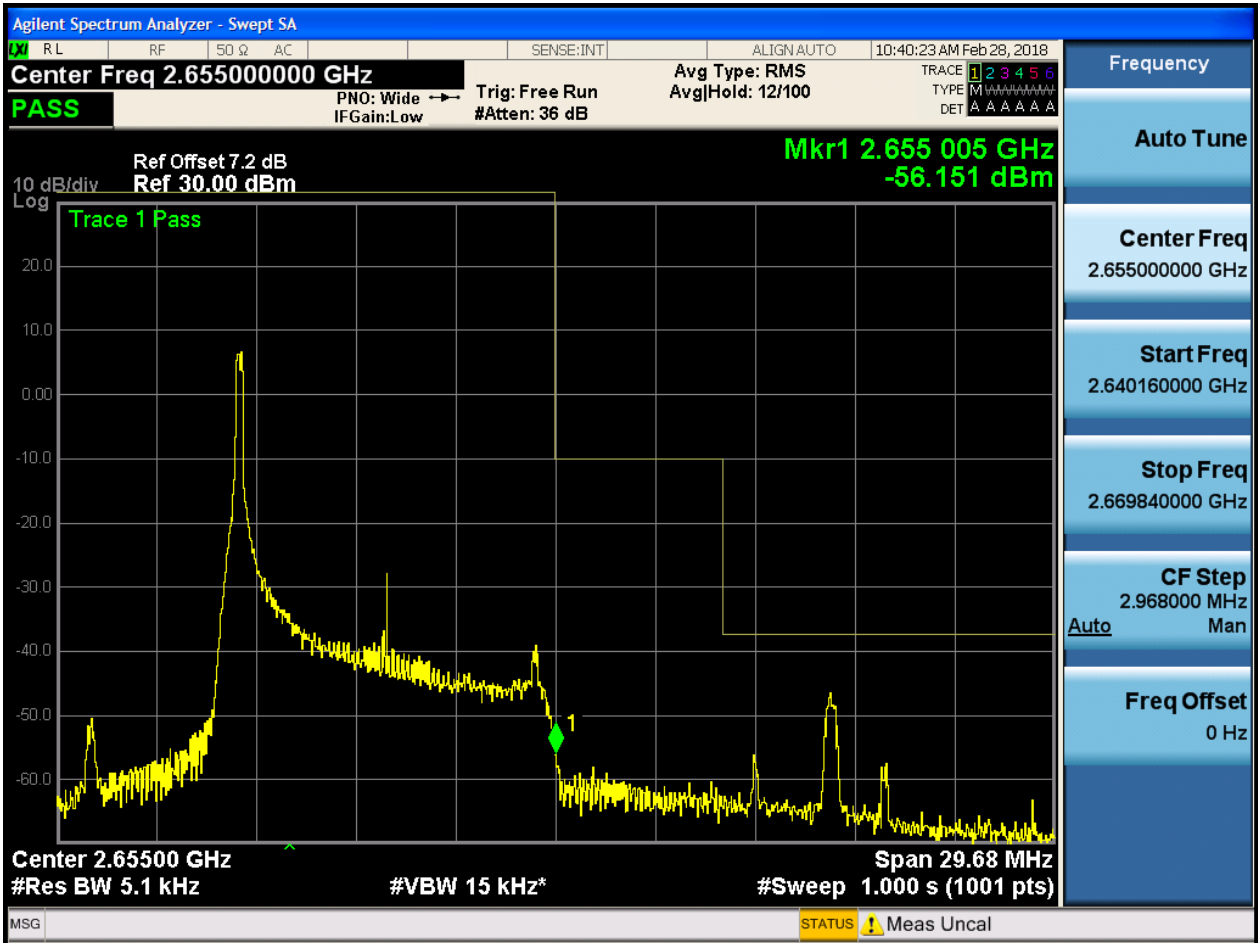
5.1.1.2.2.1.4 Test RB = RB50#0





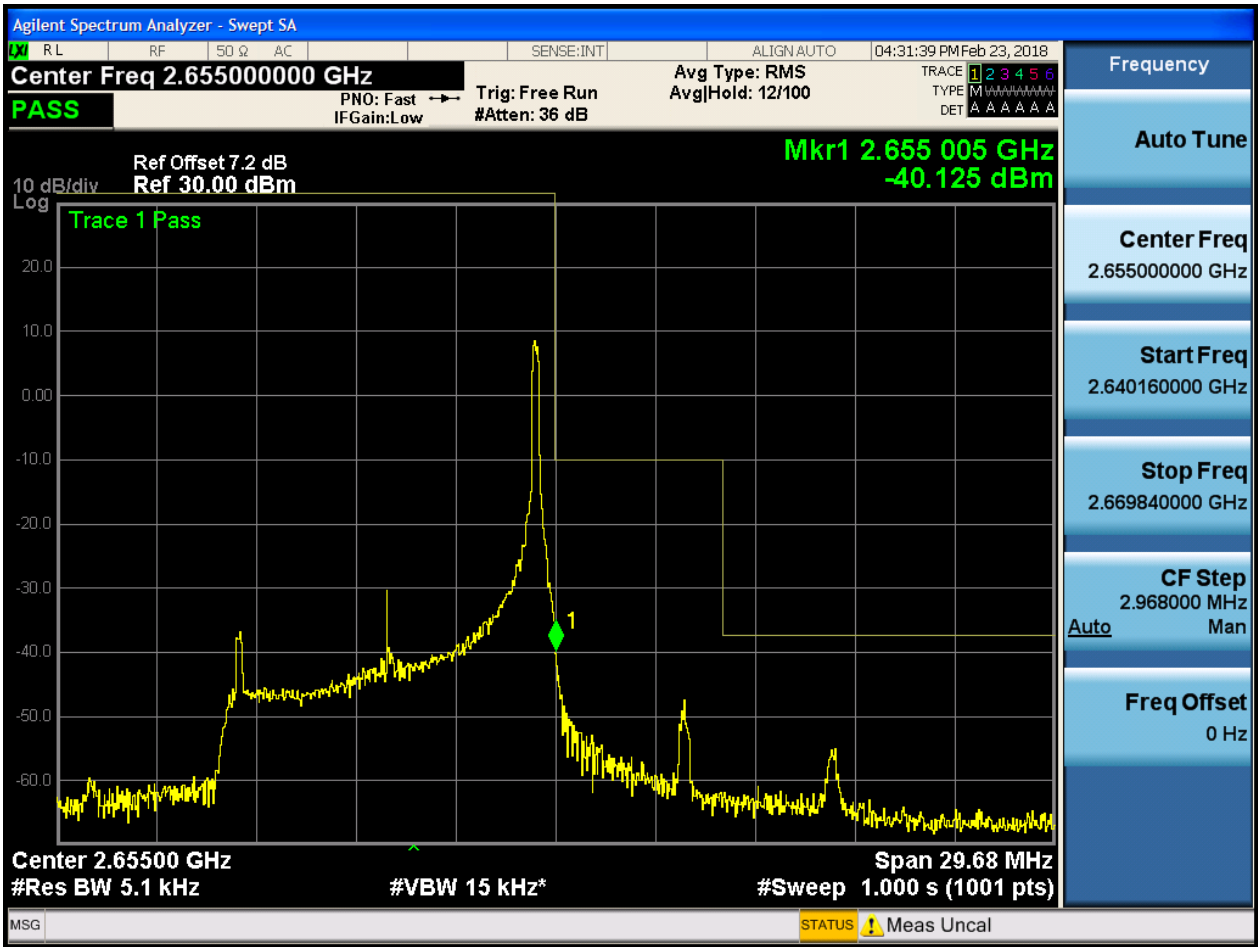
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





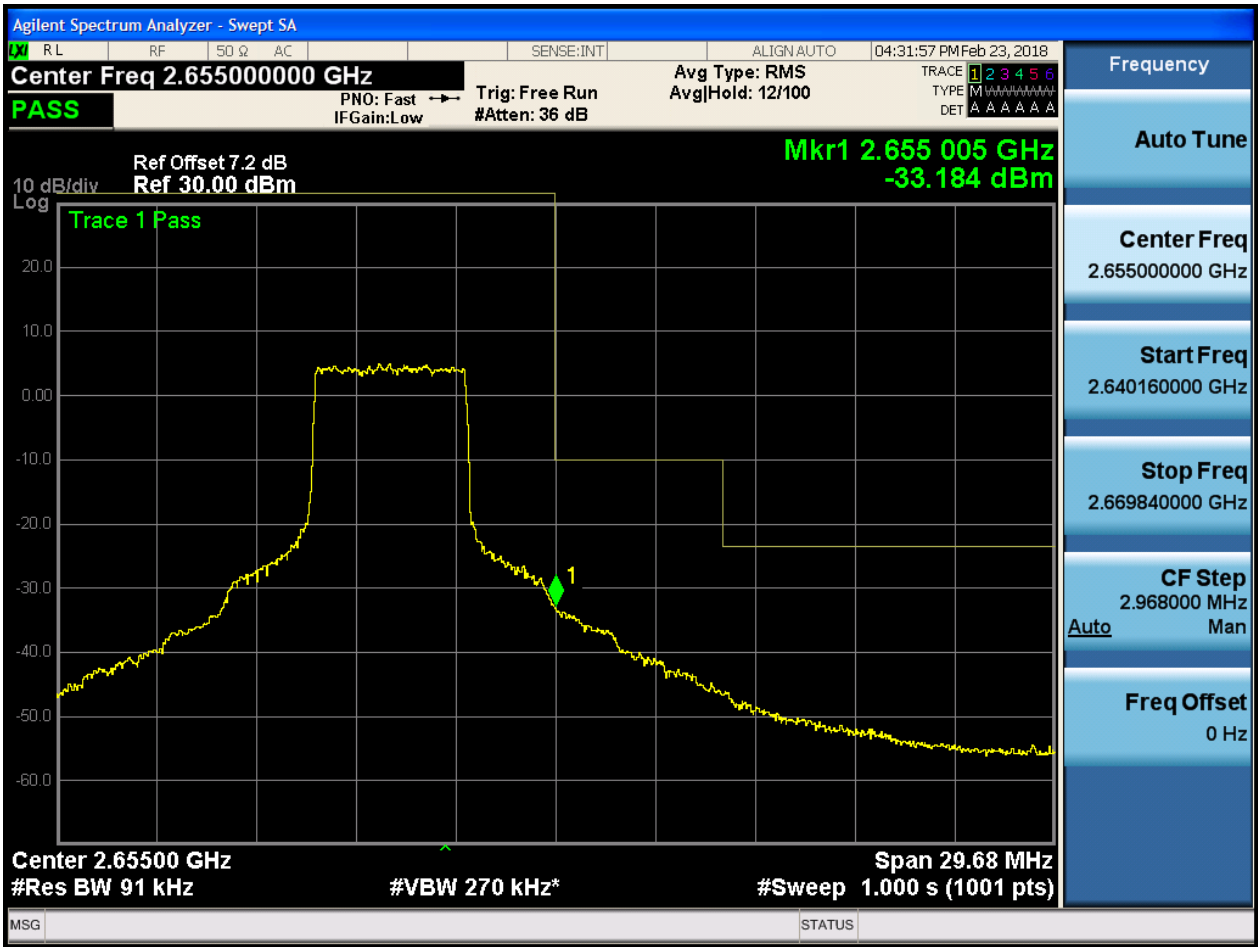
5.1.1.2.2.2.2 Test RB = RB1#49





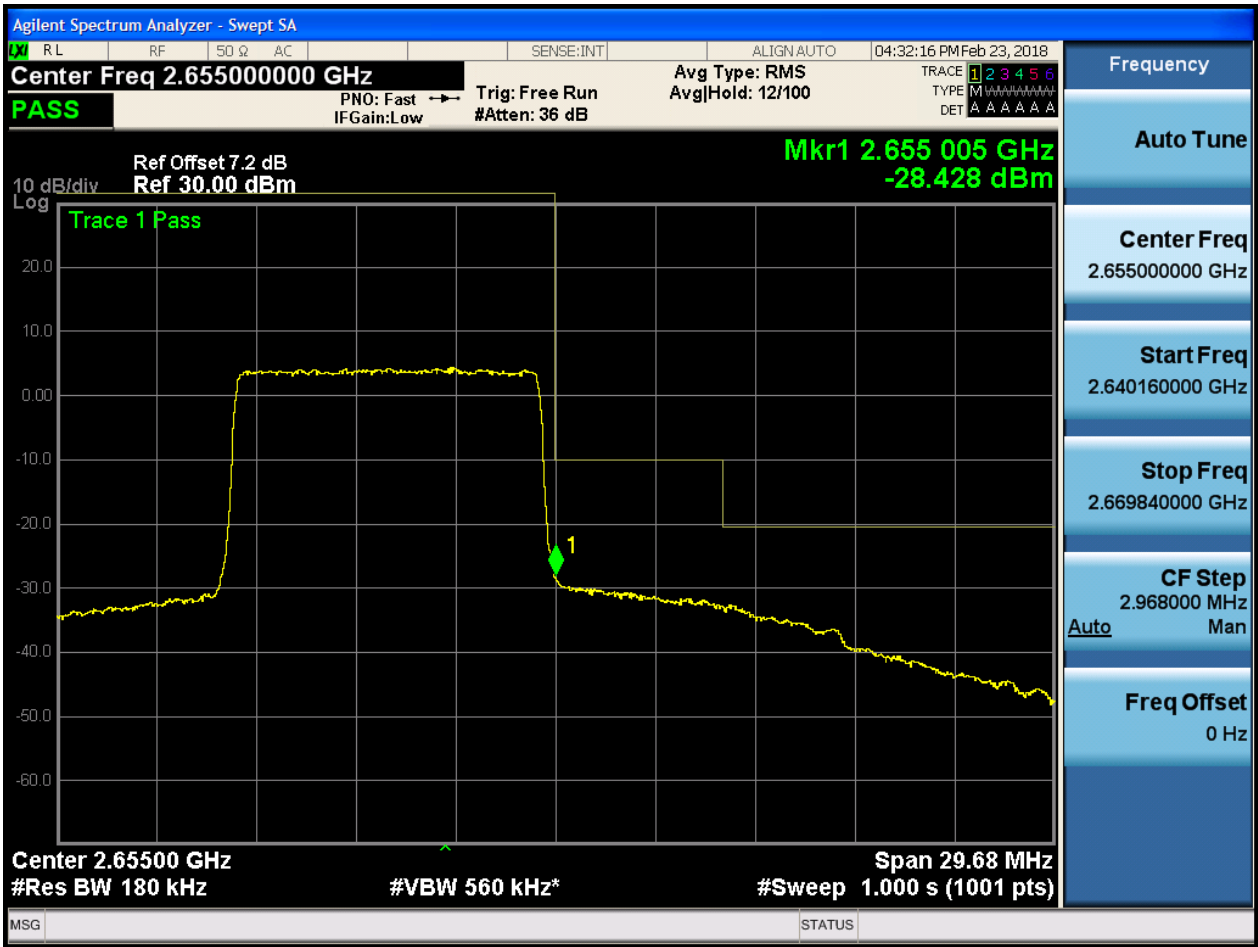


5.1.1.2.2.2.3 Test RB = RB25#13





5.1.1.2.2.2.4 Test RB = RB50#0

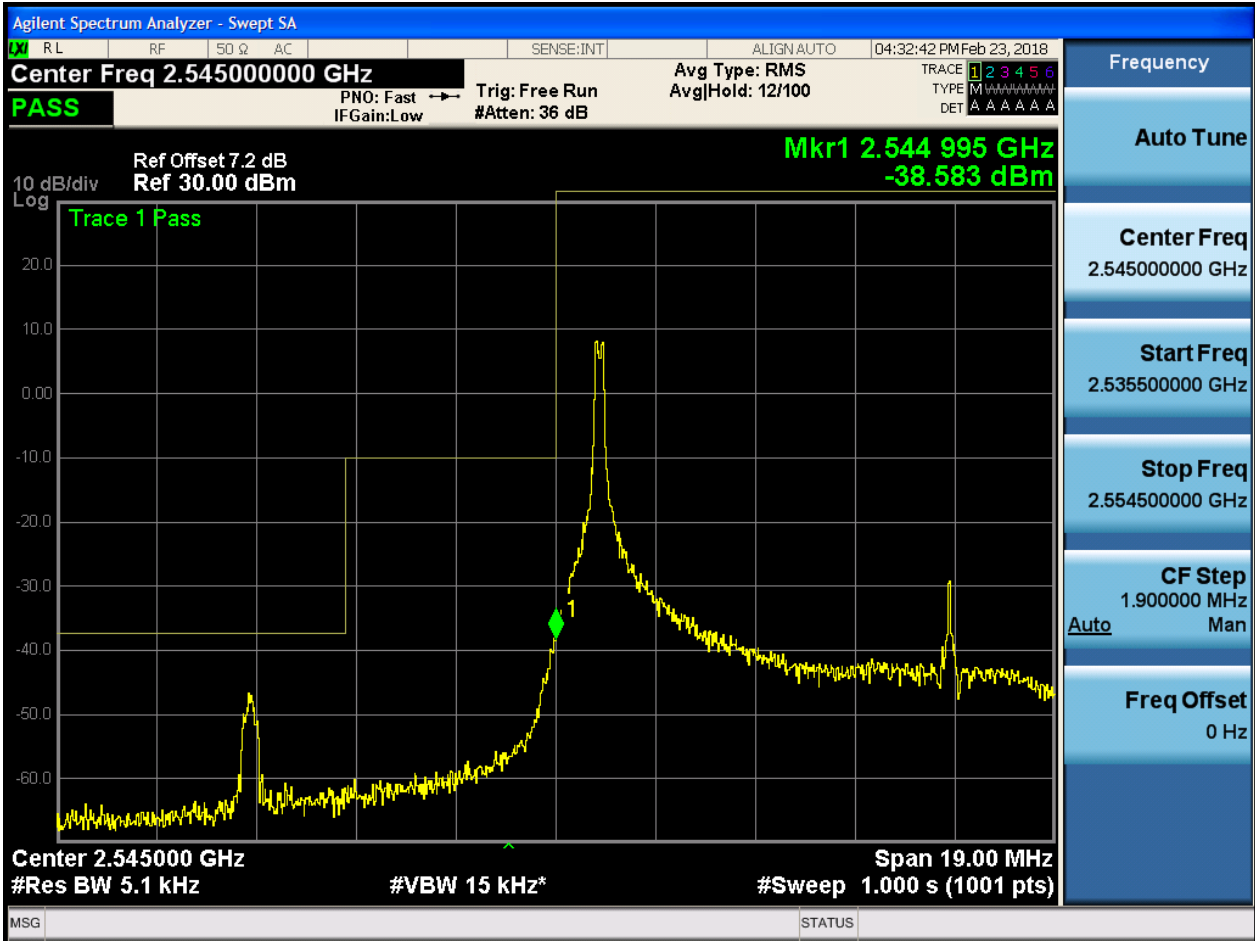




5.1.1.2.3 Test Bandwidth = 15

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





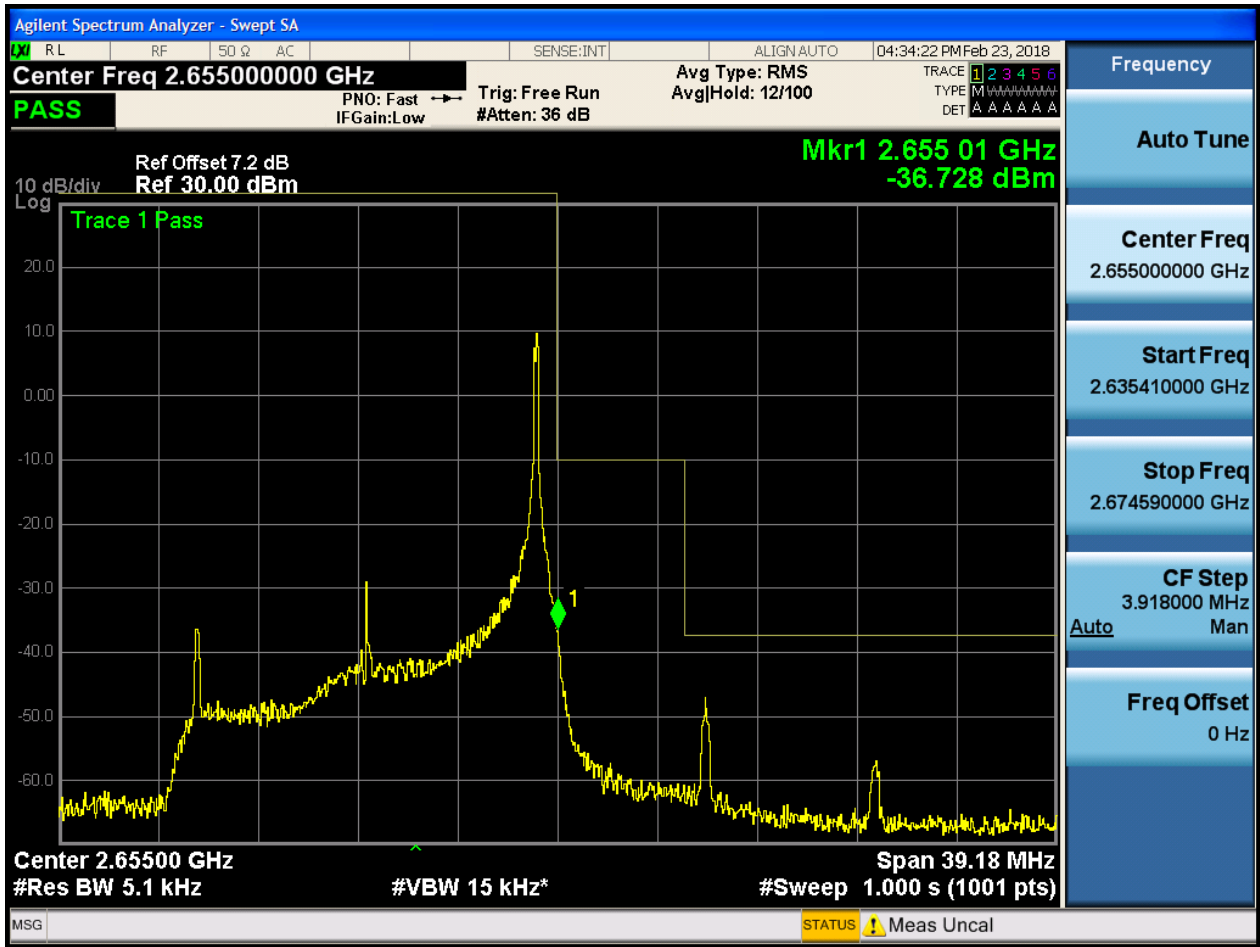
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





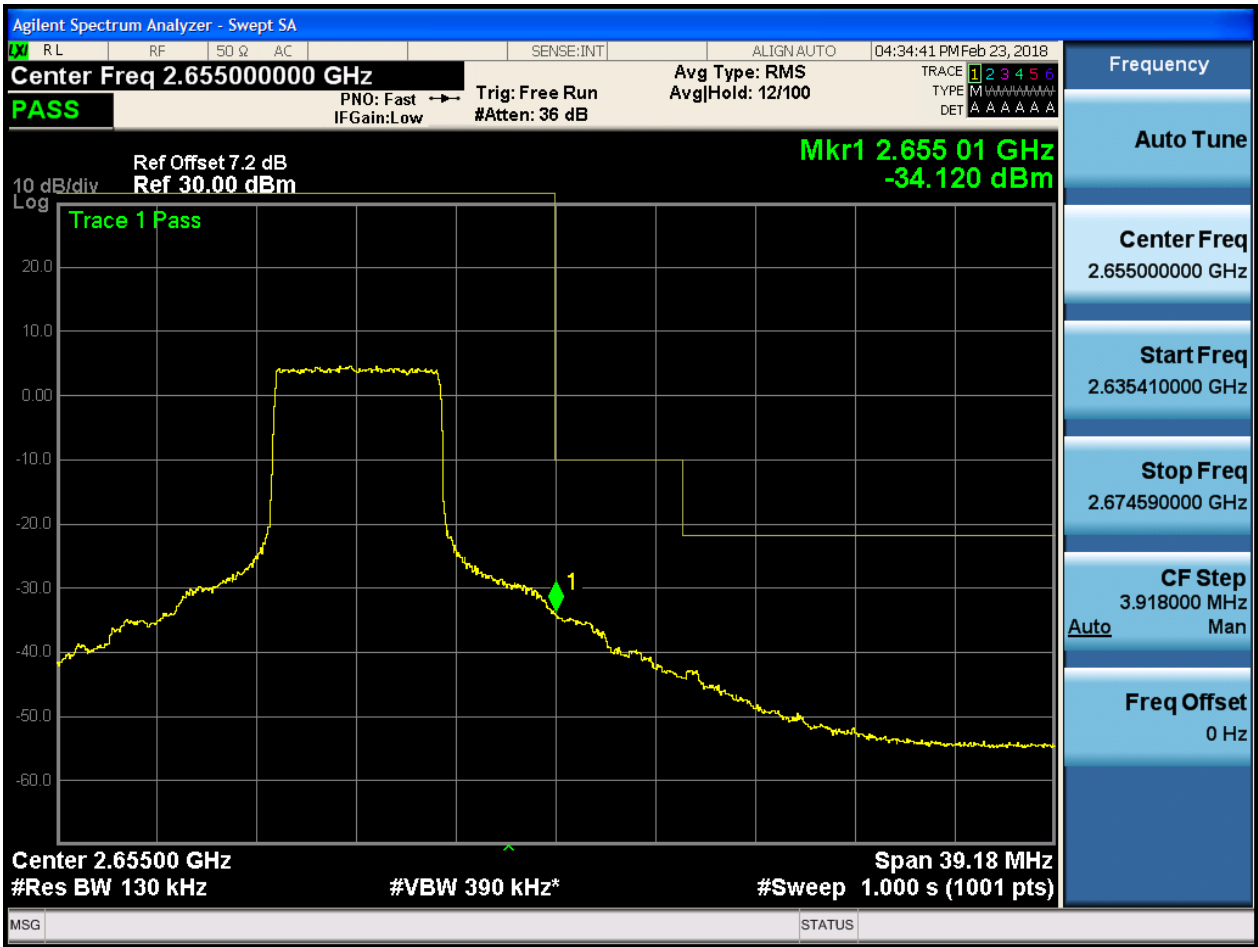
5.1.1.2.3.2.2 Test RB = RB1#74







5.1.1.2.3.2.3 Test RB = RB36#18





5.1.1.2.3.2.4 Test RB = RB75#0

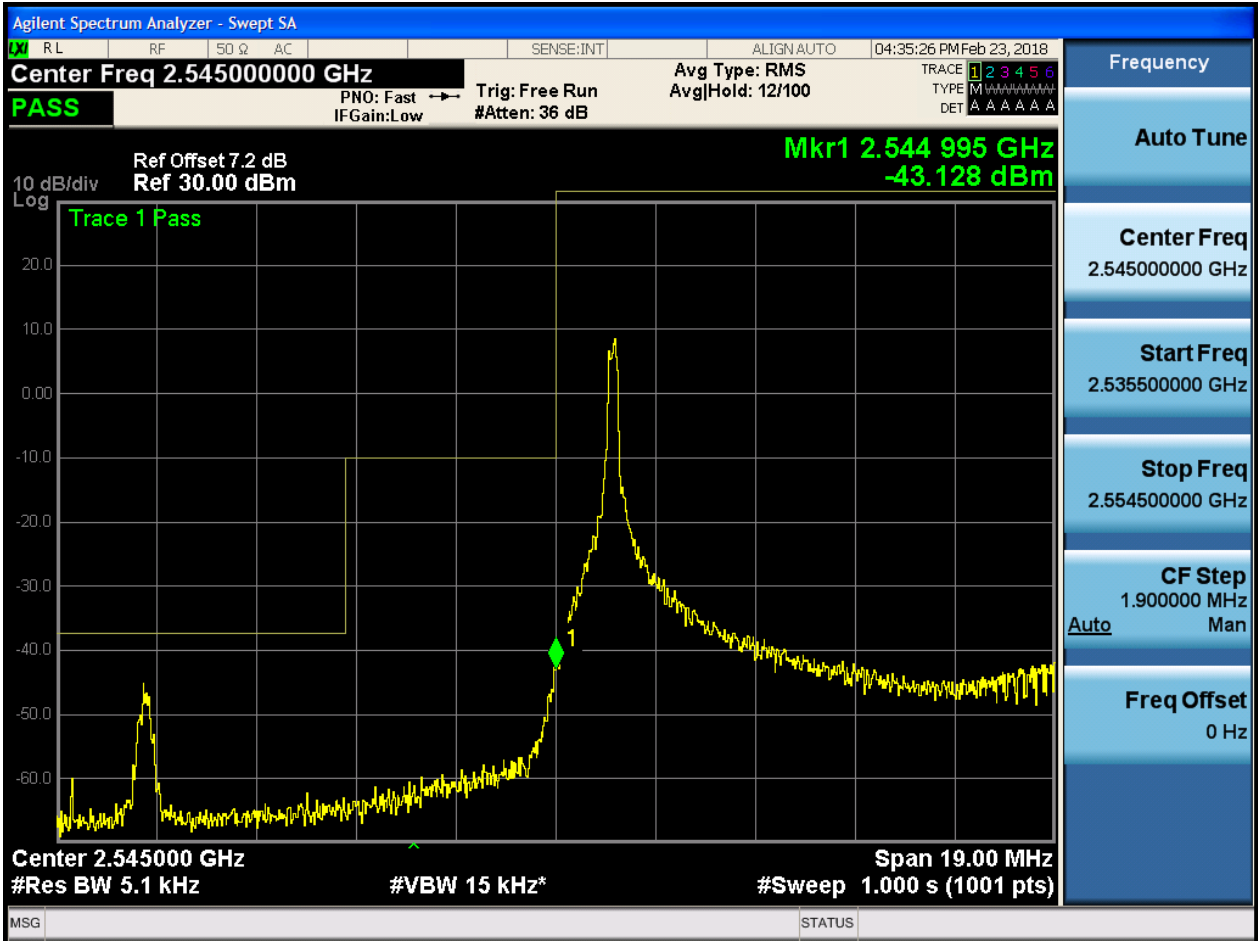




5.1.1.2.4 Test Bandwidth = 20

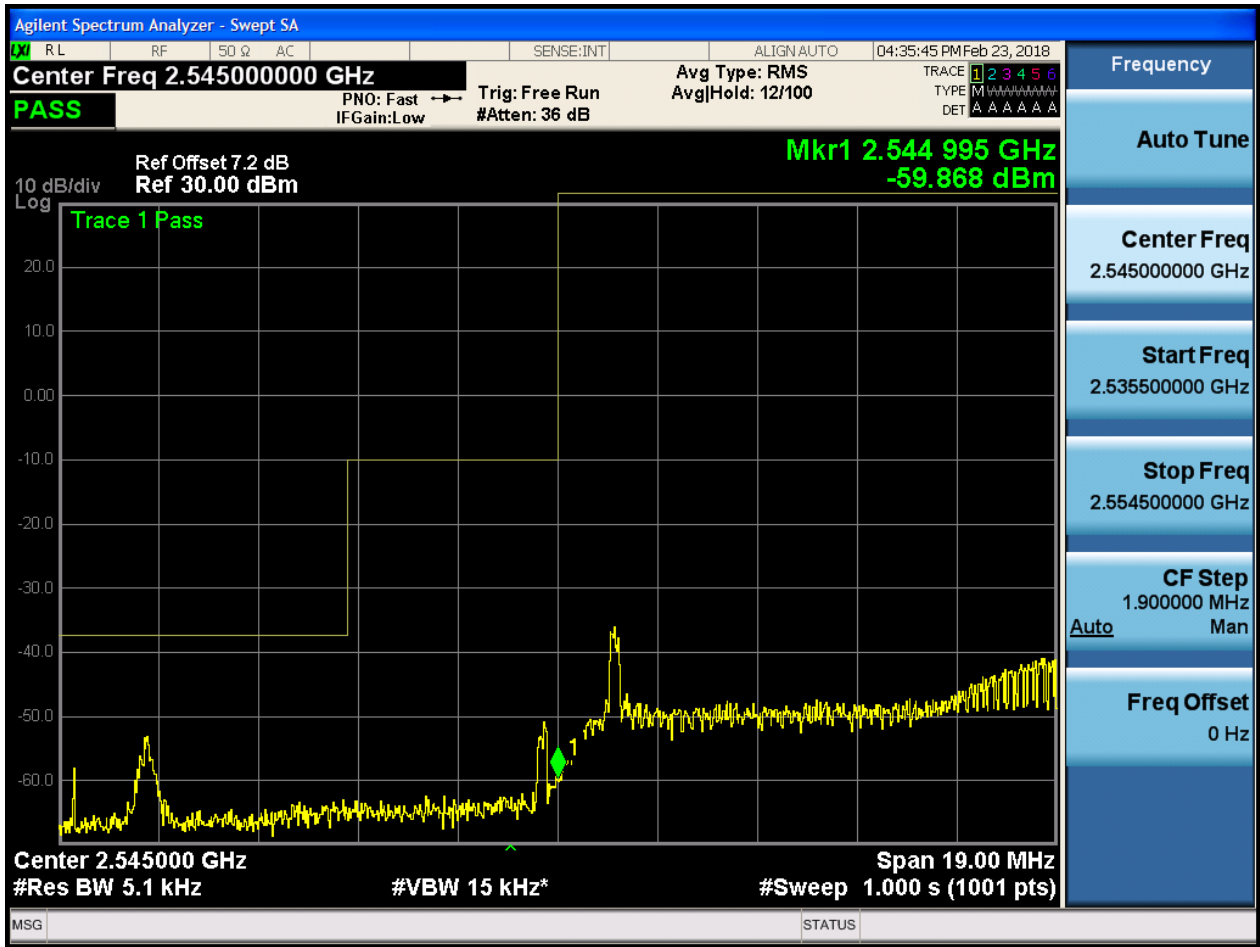
5.1.1.2.4.1 Test Channel = LCH

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





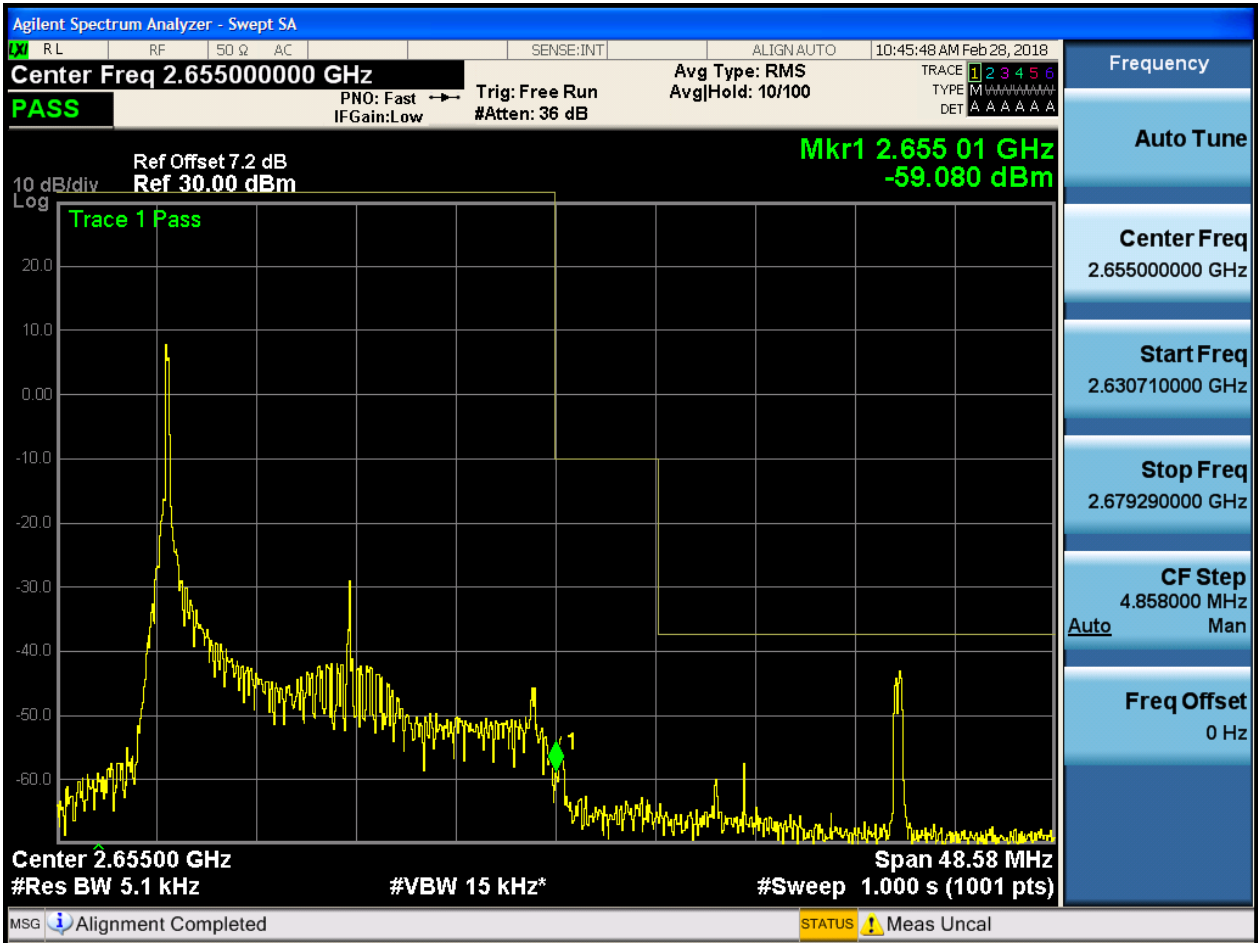
5.1.1.2.4.1.4 Test RB = RB100#0





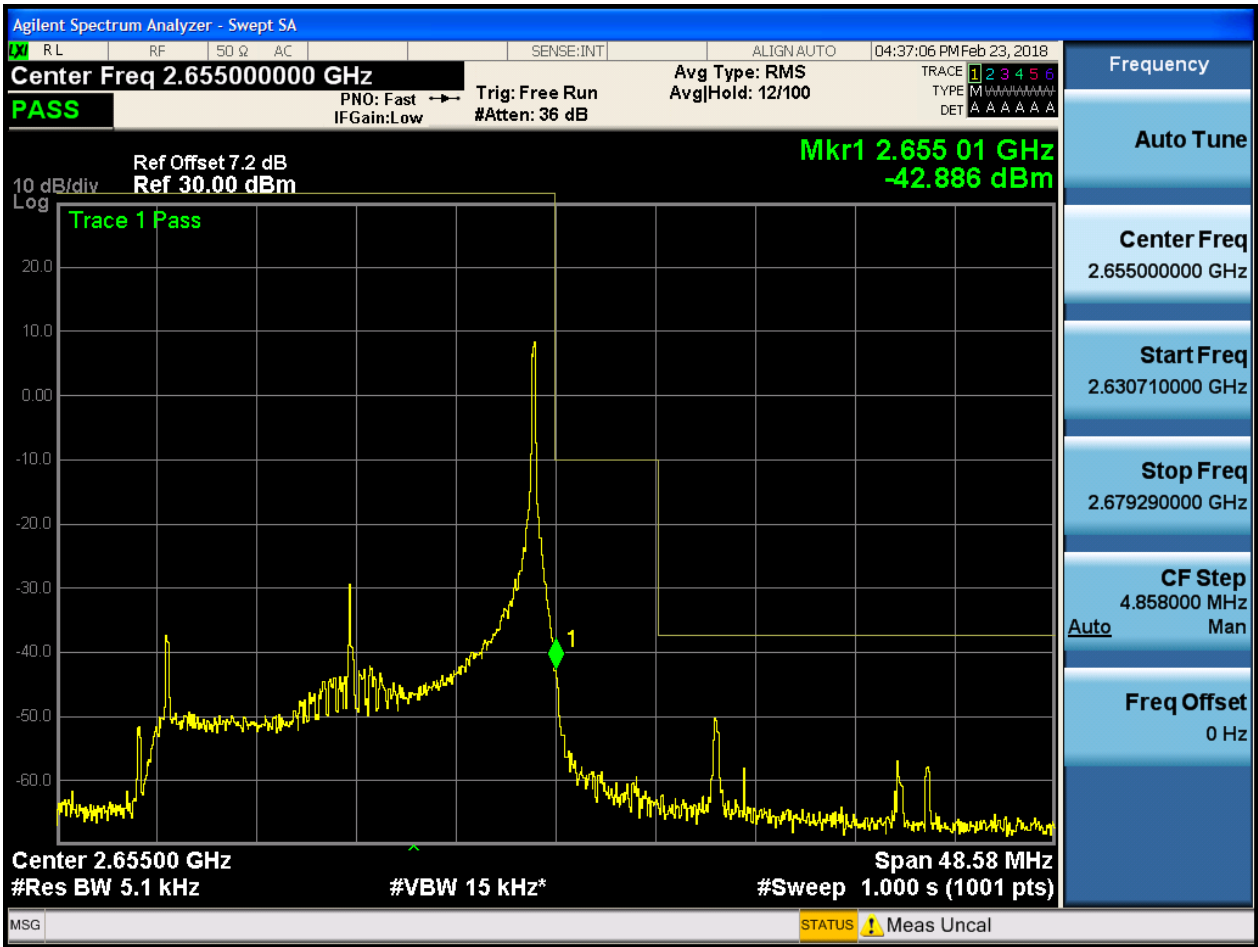
5.1.1.2.4.2 Test Channel = HCH

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





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

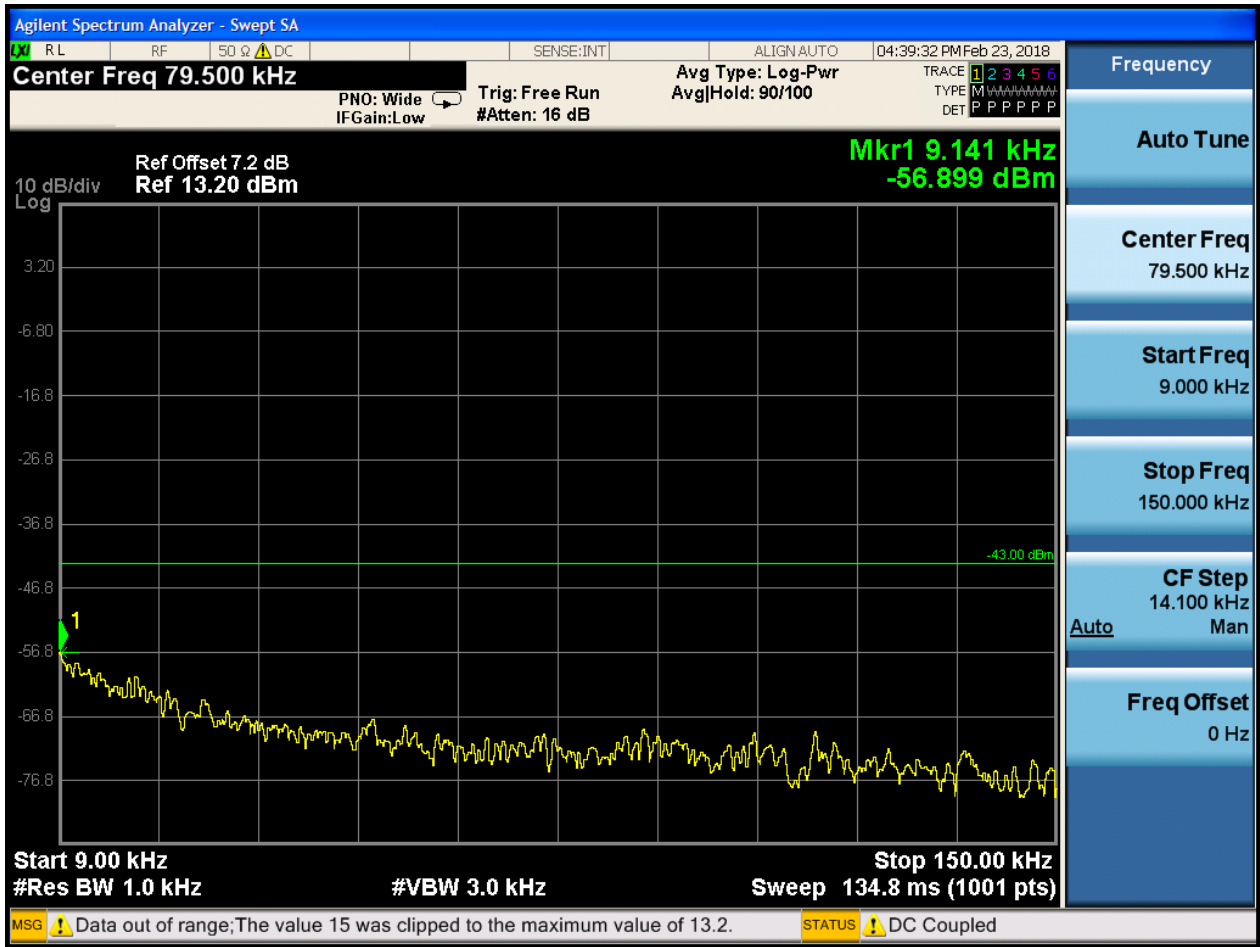
##### 6.1.1 Test Band = BAND41

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

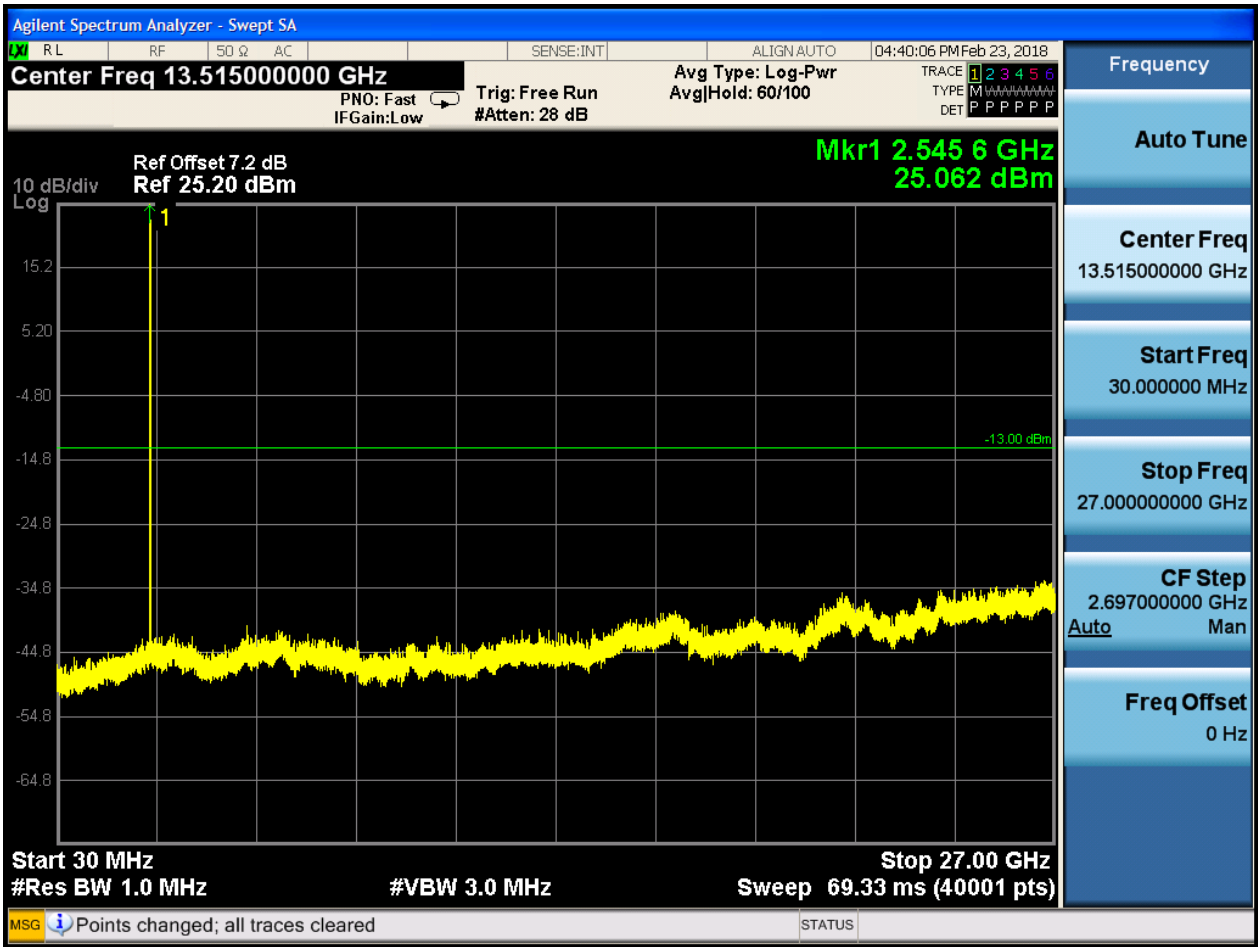
##### 6.1.1.1.1 Test Bandwidth = 5

##### 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

