



# 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	22.79	23.54	33	PASS
				RB1#13	22.94	23.71	33	PASS
				RB1#24	22.77	23.61	33	PASS
				RB12#0	22.85	23.55	33	PASS
				RB12#6	22.9	23.66	33	PASS
				RB12#13	22.89	23.50	33	PASS
			RB25#0	22.35	23.11	33	PASS	
			MCH	RB1#0	22.81	23.46	33	PASS
				RB1#13	22.9	23.82	33	PASS
				RB1#24	22.76	23.53	33	PASS
				RB12#0	22.85	23.65	33	PASS
				RB12#6	22.9	23.64	33	PASS
				RB12#13	22.94	23.65	33	PASS
			RB25#0	22.38	23.28	33	PASS	
			HCH	RB1#0	22.79	23.41	33	PASS
				RB1#13	22.89	23.78	33	PASS
				RB1#24	22.76	23.74	33	PASS
				RB12#0	22.91	23.68	33	PASS
		RB12#6		22.88	23.85	33	PASS	
		RB12#13		22.92	23.82	33	PASS	
		RB25#0	22.36	22.99	33	PASS		
		10	LCH	RB1#0	22.8	23.69	33	PASS
				RB1#25	22.27	23.18	33	PASS
				RB1#49	22.77	23.74	33	PASS
				RB25#0	22.37	23.21	33	PASS
				RB25#13	22.42	23.11	33	PASS
				RB25#25	22.35	23.18	33	PASS
			RB50#0	22.34	22.95	33	PASS	
			MCH	RB1#0	22.8	23.51	33	PASS
				RB1#25	22.27	23.00	33	PASS
RB1#49	22.76			23.60	33	PASS		
RB25#0	22.39			23.26	33	PASS		
RB25#13	22.43			23.14	33	PASS		



Test Band/(TE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB25#25	22.33	22.97	33	PASS
				RB50#0	22.34	23.09	33	PASS
			HCH	RB1#0	22.79	23.41	33	PASS
				RB1#25	22.23	22.86	33	PASS
				RB1#49	22.75	23.36	33	PASS
				RB25#0	22.37	23.08	33	PASS
				RB25#13	22.41	23.24	33	PASS
				RB25#25	22.32	23.06	33	PASS
				RB50#0	22.35	23.01	33	PASS
			LCH	RB1#0	22.81	23.44	33	PASS
				RB1#38	22.88	23.85	33	PASS
				RB1#74	22.89	23.66	33	PASS
				RB36#0	22.37	23.03	33	PASS
				RB36#18	22.41	23.26	33	PASS
		RB36#39		22.4	23.18	33	PASS	
		RB75#0		22.39	23.09	33	PASS	
		MCH	RB1#0	22.79	23.45	33	PASS	
			RB1#38	22.88	23.60	33	PASS	
			RB1#74	22.89	23.79	33	PASS	
			RB36#0	22.38	23.27	33	PASS	
			RB36#18	22.42	23.31	33	PASS	
			RB36#39	22.36	23.02	33	PASS	
			RB75#0	22.44	23.30	33	PASS	
		HCH	RB1#0	22.78	23.60	33	PASS	
			RB1#38	22.89	23.63	33	PASS	
			RB1#74	22.87	23.49	33	PASS	
			RB36#0	22.44	23.19	33	PASS	
			RB36#18	22.46	23.31	33	PASS	
			RB36#39	22.44	23.40	33	PASS	
			RB75#0	22.45	23.23	33	PASS	
20	LCH	RB1#0	22.76	23.42	33	PASS		
		RB1#50	22.78	23.50	33	PASS		
		RB1#99	22.81	23.67	33	PASS		
		RB50#0	22.33	23.14	33	PASS		
		RB50#25	22.34	23.31	33	PASS		
		RB50#50	22.34	22.99	33	PASS		
		RB100#0	22.35	23.27	33	PASS		
	MCH	RB1#0	22.79	23.63	33	PASS		
		RB1#50	22.81	23.51	33	PASS		
		RB1#99	22.78	23.55	33	PASS		



Test Band/( <i>f</i> <sub>TE</sub> )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict			
				RB50#0	22.32	23.17	33	PASS			
				RB50#25	22.33	23.02	33	PASS			
				RB50#50	22.33	22.97	33	PASS			
				RB100#0	22.34	23.22	33	PASS			
			HCH	RB1#0	22.81	23.63	33	PASS			
				RB1#50	22.8	23.76	33	PASS			
				RB1#99	22.79	23.58	33	PASS			
				RB50#0	22.32	23.01	33	PASS			
				RB50#25	22.33	23.04	33	PASS			
				RB50#50	22.32	23.02	33	PASS			
							RB100#0	22.33	22.97	33	PASS
							RB1#0	22.57	23.44	33	PASS
							RB1#13	22.6	23.51	33	PASS
							RB1#24	22.6	23.28	33	PASS
							RB12#0	22.3	23.08	33	PASS
	RB12#6	22.32					23.29	33	PASS		
	RB12#13	22.32					23.00	33	PASS		
	LCH				RB25#0	21.31	22.15	33	PASS		
					RB1#0	22.57	23.29	33	PASS		
					RB1#13	22.6	23.23	33	PASS		
					RB1#24	22.64	23.37	33	PASS		
					RB12#0	22.32	23.30	33	PASS		
					RB12#6	22.32	23.22	33	PASS		
					RB12#13	22.32	23.30	33	PASS		
	MCH				RB25#0	21.3	22.00	33	PASS		
					RB1#0	22.56	23.23	33	PASS		
					RB1#13	22.59	23.31	33	PASS		
					RB1#24	22.65	23.36	33	PASS		
					RB12#0	22.31	23.30	33	PASS		
					RB12#6	22.31	23.15	33	PASS		
					RB12#13	22.33	23.25	33	PASS		
	HCH				RB25#0	21.29	21.91	33	PASS		
					RB1#0	22.56	23.42	33	PASS		
RB1#25					22.26	23.21	33	PASS			
RB1#49					22.54	23.29	33	PASS			
RB25#0					21.3	22.04	33	PASS			
RB25#13					21.32	22.00	33	PASS			
RB25#25					21.33	22.31	33	PASS			
LCH				RB50#0	21.31	22.22	33	PASS			
				RB1#0	22.55	23.17	33	PASS			
						MCH	RB1#0	22.55	23.17	33	PASS



Test Band/(TE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict		
				RB1#25	22.26	22.96	33	PASS		
				RB1#49	22.55	23.15	33	PASS		
				RB25#0	21.32	22.14	33	PASS		
				RB25#13	21.34	22.00	33	PASS		
				RB25#25	21.33	22.10	33	PASS		
				RB50#0	21.3	21.99	33	PASS		
				HCH	RB1#0	22.57	23.39	33	PASS	
					RB1#25	22.19	23.06	33	PASS	
					RB1#49	22.53	23.16	33	PASS	
					RB25#0	21.31	22.10	33	PASS	
					RB25#13	21.31	21.96	33	PASS	
					RB25#25	21.33	22.19	33	PASS	
				15	LCH	RB1#0	22.53	23.43	33	PASS
						RB1#38	22.6	23.35	33	PASS
		RB1#74	22.65			23.28	33	PASS		
		RB36#0	21.33			22.16	33	PASS		
		RB36#18	21.33			22.08	33	PASS		
		RB36#39	21.32			22.26	33	PASS		
		MCH	RB75#0		21.34	22.29	33	PASS		
			RB1#0		22.55	23.44	33	PASS		
			RB1#38		22.6	23.40	33	PASS		
			RB1#74		22.65	23.59	33	PASS		
			RB36#0		21.35	22.04	33	PASS		
			RB36#18		21.31	22.14	33	PASS		
		HCH	RB36#39	21.33	22.26	33	PASS			
			RB75#0	21.35	22.25	33	PASS			
			RB1#0	22.58	23.56	33	PASS			
			RB1#38	22.63	23.51	33	PASS			
			RB1#74	22.66	23.33	33	PASS			
			RB36#0	21.38	22.03	33	PASS			
20	LCH	RB36#18	21.36	22.08	33	PASS				
		RB36#39	21.38	22.07	33	PASS				
		RB75#0	21.33	22.09	33	PASS				
		RB1#0	22.54	23.40	33	PASS				
		RB1#50	22.55	23.30	33	PASS				
		RB1#99	22.57	23.41	33	PASS				
RB50#0	21.26	21.89	33	PASS						
RB50#25	21.28	21.89	33	PASS						
RB50#50	21.29	22.14	33	PASS						



Test Band/(TE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP	Limit [dBm]	Verdict
				RB100#0	21.3	21.90	33	PASS
			MCH	RB1#0	22.58	23.32	33	PASS
				RB1#50	22.56	23.42	33	PASS
				RB1#99	22.57	23.57	33	PASS
				RB50#0	21.26	21.93	33	PASS
				RB50#25	21.28	21.94	33	PASS
				RB50#50	21.27	22.03	33	PASS
				RB100#0	21.29	22.16	33	PASS
			HCH	RB1#0	22.55	23.19	33	PASS
				RB1#50	22.59	23.32	33	PASS
				RB1#99	22.58	23.49	33	PASS
				RB50#0	21.24	22.10	33	PASS
				RB50#25	21.26	21.96	33	PASS
				RB50#50	21.26	22.20	33	PASS
				RB100#0	21.28	22.00	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	4.87	13	PASS
				RB1#13	4.77	13	PASS
				RB1#24	4.65	13	PASS
				RB12#0	5.3	13	PASS
				RB12#6	5.12	13	PASS
				RB12#13	5.08	13	PASS
				RB25#0	5.73	13	PASS
			MCH	RB1#0	4.85	13	PASS
				RB1#13	4.71	13	PASS
				RB1#24	4.68	13	PASS
				RB12#0	5.32	13	PASS
				RB12#6	5.15	13	PASS
				RB12#13	5.05	13	PASS
				RB25#0	5.75	13	PASS
		HCH	RB1#0	4.88	13	PASS	
			RB1#13	4.71	13	PASS	
			RB1#24	4.63	13	PASS	
			RB12#0	5.33	13	PASS	
			RB12#6	5.15	13	PASS	
			RB12#13	4.99	13	PASS	
			RB25#0	5.77	13	PASS	
		10	LCH	RB1#0	4.86	13	PASS
				RB1#25	4.95	13	PASS
				RB1#49	4.48	13	PASS
				RB25#0	5.73	13	PASS
				RB25#13	5.58	13	PASS
				RB25#25	5.48	13	PASS
				RB50#0	6.05	13	PASS
MCH	RB1#0		4.89	13	PASS		
	RB1#25		4.95	13	PASS		
	RB1#49		4.49	13	PASS		
	RB25#0		5.71	13	PASS		
	RB25#13		5.56	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	5.51	13	PASS
				RB50#0	6.1	13	PASS
			HCH	RB1#0	4.86	13	PASS
				RB1#25	4.98	13	PASS
				RB1#49	4.5	13	PASS
				RB25#0	5.8	13	PASS
				RB25#13	5.57	13	PASS
				RB25#25	5.48	13	PASS
				RB50#0	6.18	13	PASS
			LCH	RB1#0	4.87	13	PASS
				RB1#38	4.45	13	PASS
				RB1#74	4.45	13	PASS
				RB36#0	5.87	13	PASS
				RB36#18	5.84	13	PASS
				RB36#39	5.87	13	PASS
		MCH	RB75#0	5.89	13	PASS	
			RB1#0	4.86	13	PASS	
			RB1#38	4.46	13	PASS	
			RB1#74	4.46	13	PASS	
			RB36#0	5.85	13	PASS	
			RB36#18	5.88	13	PASS	
		HCH	RB36#39	5.83	13	PASS	
			RB75#0	5.83	13	PASS	
			RB1#0	4.88	13	PASS	
			RB1#38	4.48	13	PASS	
			RB1#74	4.47	13	PASS	
			RB36#0	5.94	13	PASS	
		20	LCH	RB36#18	5.82	13	PASS
				RB36#39	5.87	13	PASS
				RB75#0	5.85	13	PASS
				RB1#0	4.89	13	PASS
				RB1#50	4.89	13	PASS
RB1#99	4.86			13	PASS		
RB50#0	6.15			13	PASS		
RB50#25	6.12		13	PASS			
RB50#50	6.09		13	PASS			
MCH	RB100#0	6.14	13	PASS			
	RB1#0	4.89	13	PASS			
			RB1#50	4.87	13	PASS	





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.87	13	PASS
				RB50#0	6.17	13	PASS
				RB50#25	6.22	13	PASS
				RB50#50	6.2	13	PASS
				RB100#0	6.09	13	PASS
			HCH	RB1#0	4.86	13	PASS
				RB1#50	4.86	13	PASS
				RB1#99	4.86	13	PASS
				RB50#0	6.14	13	PASS
				RB50#25	6.09	13	PASS
			LCH	RB1#0	5.48	13	PASS
				RB1#13	5.33	13	PASS
				RB1#24	5.24	13	PASS
				RB12#0	6.03	13	PASS
				RB12#6	5.83	13	PASS
	RB12#13	5.64		13	PASS		
	RB25#0	6.83		13	PASS		
	MCH	RB1#0		5.49	13	PASS	
		RB1#13		5.33	13	PASS	
		RB1#24		5.19	13	PASS	
		RB12#0	6.03	13	PASS		
		RB12#6	5.83	13	PASS		
		RB12#13	5.72	13	PASS		
	HCH	RB25#0	6.79	13	PASS		
		RB1#0	5.49	13	PASS		
		RB1#13	5.33	13	PASS		
		RB1#24	5.22	13	PASS		
		RB12#0	6.04	13	PASS		
		RB12#6	5.82	13	PASS		
		RB12#13	5.64	13	PASS		
LCH	RB25#0	6.8	13	PASS			
	RB1#0	5.48	13	PASS			
	RB1#25	5.37	13	PASS			
	RB1#49	5.05	13	PASS			
	RB25#0	6.77	13	PASS			
	RB25#13	6.59	13	PASS			
RB25#25	6.6	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	7.04	13	PASS
				MCH	RB1#0	5.46	13
			RB1#25		5.33	13	PASS
			RB1#49		5.11	13	PASS
			RB25#0		6.81	13	PASS
			RB25#13		6.61	13	PASS
			RB25#25		6.56	13	PASS
			RB50#0		7.08	13	PASS
			HCH	RB1#0	5.42	13	PASS
				RB1#25	5.34	13	PASS
				RB1#49	5.08	13	PASS
				RB25#0	6.79	13	PASS
				RB25#13	6.65	13	PASS
				RB25#25	6.55	13	PASS
		RB50#0	7.08	13	PASS		
		15	LCH	RB1#0	5.42	13	PASS
				RB1#38	5.06	13	PASS
				RB1#74	5.07	13	PASS
				RB36#0	7.01	13	PASS
				RB36#18	7.01	13	PASS
				RB36#39	6.99	13	PASS
				RB75#0	7.06	13	PASS
			MCH	RB1#0	5.44	13	PASS
				RB1#38	5.03	13	PASS
				RB1#74	5.03	13	PASS
				RB36#0	7	13	PASS
				RB36#18	7	13	PASS
				RB36#39	6.98	13	PASS
				RB75#0	6.99	13	PASS
		HCH	RB1#0	5.47	13	PASS	
			RB1#38	5.01	13	PASS	
			RB1#74	5.06	13	PASS	
			RB36#0	6.98	13	PASS	
RB36#18	7		13	PASS			
RB36#39	6.96		13	PASS			
RB75#0	6.94		13	PASS			
20	LCH	RB1#0	5.48	13	PASS		
		RB1#50	5.49	13	PASS		
		RB1#99	5.5	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.99	13	PASS
				RB50#25	7	13	PASS
				RB50#50	6.95	13	PASS
				RB100#0	7.02	13	PASS
			MCH	RB1#0	5.5	13	PASS
				RB1#50	5.48	13	PASS
				RB1#99	5.48	13	PASS
				RB50#0	6.97	13	PASS
				RB50#25	6.89	13	PASS
				RB50#50	7.02	13	PASS
				RB100#0	6.99	13	PASS
			HCH	RB1#0	5.48	13	PASS
				RB1#50	5.48	13	PASS
				RB1#99	5.48	13	PASS
				RB50#0	6.91	13	PASS
				RB50#25	6.92	13	PASS
				RB50#50	6.97	13	PASS
				RB100#0	6.97	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

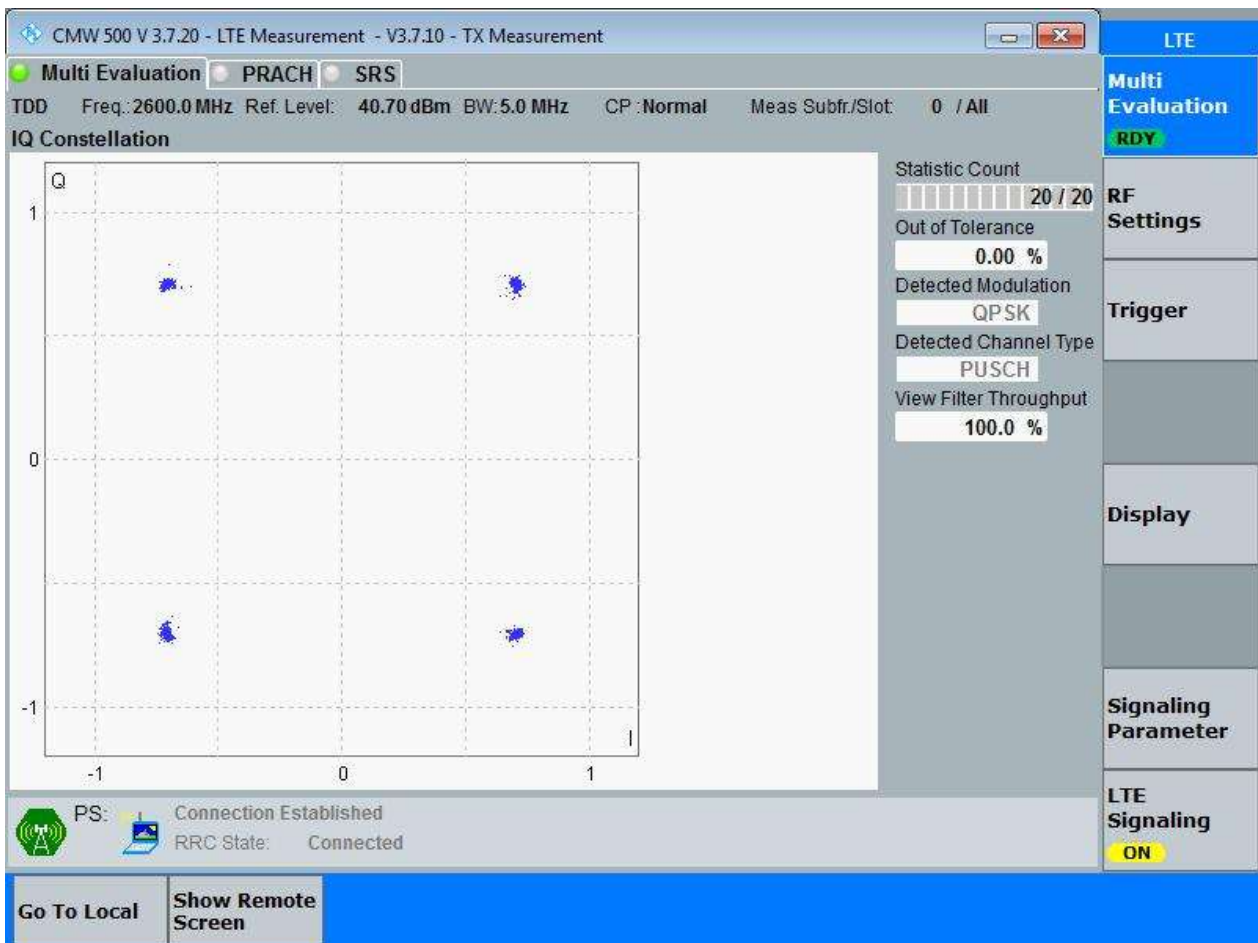
##### 3.1.1 Test Band = BAND41

##### 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

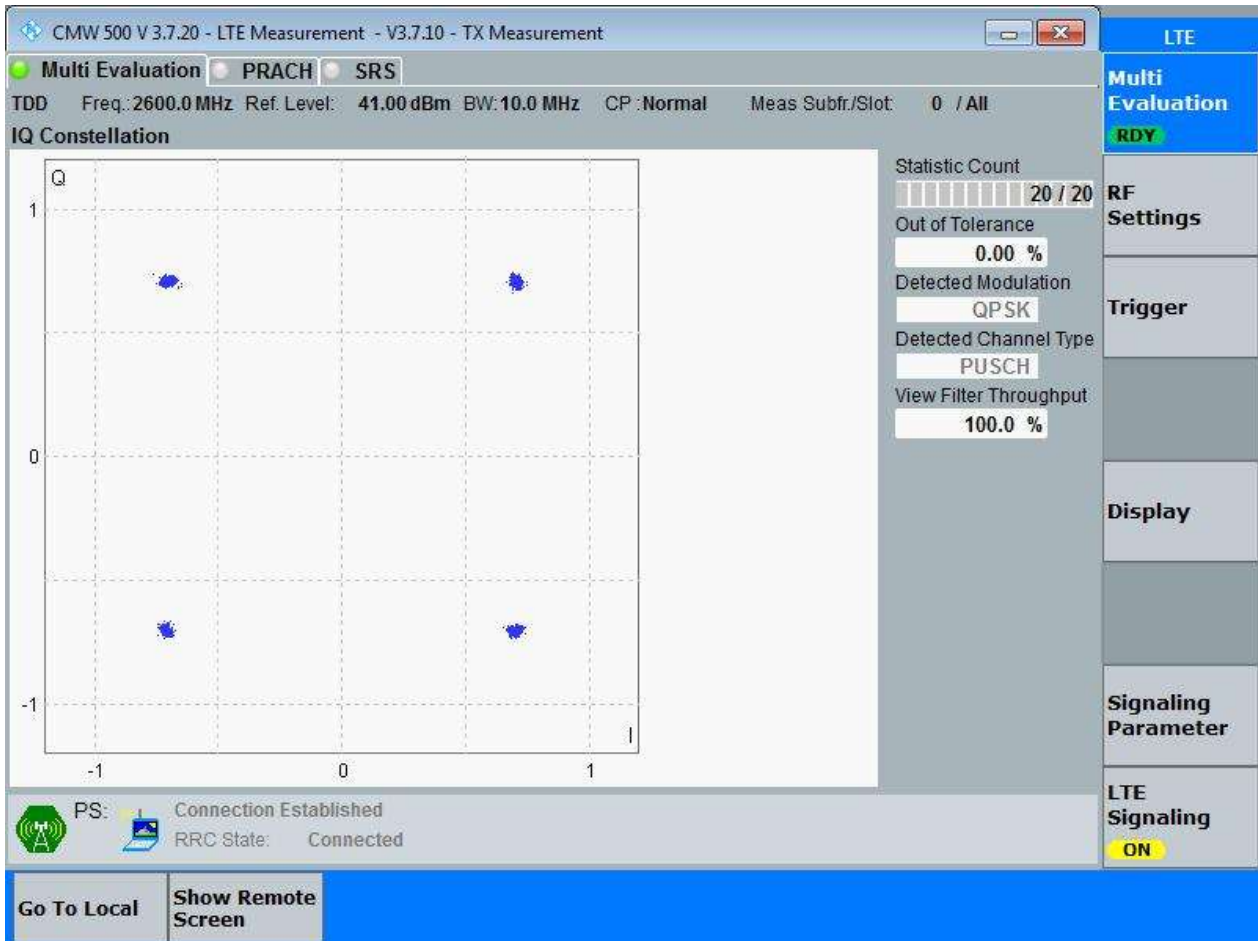
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 3.1.1.1.2 Test Bandwidth = 10

#### 3.1.1.1.2.1 Test Channel = MCH

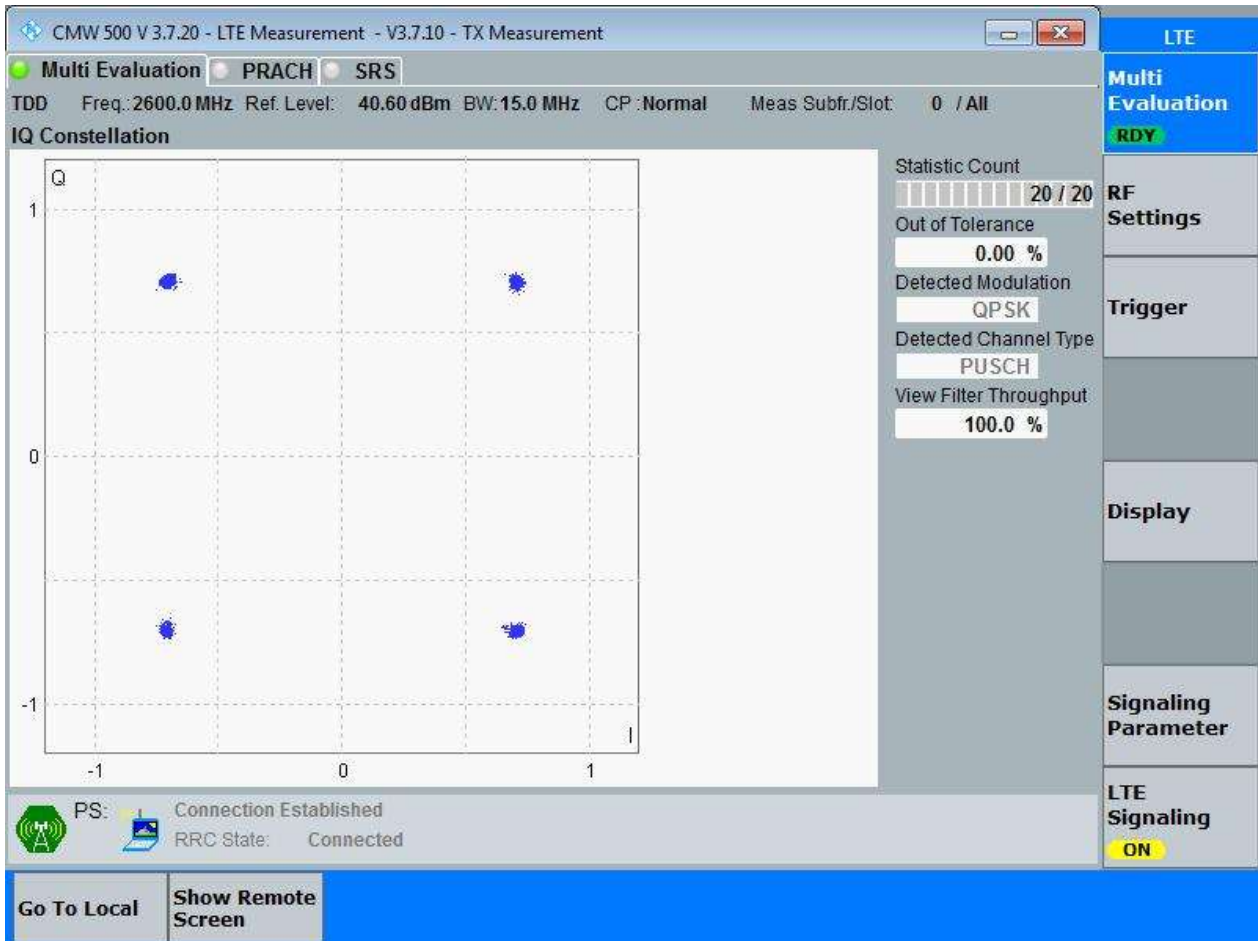
##### 3.1.1.1.2.1.1 Test RB = RB50#0



### 3.1.1.1.3 Test Bandwidth = 15

#### 3.1.1.1.3.1 Test Channel = MCH

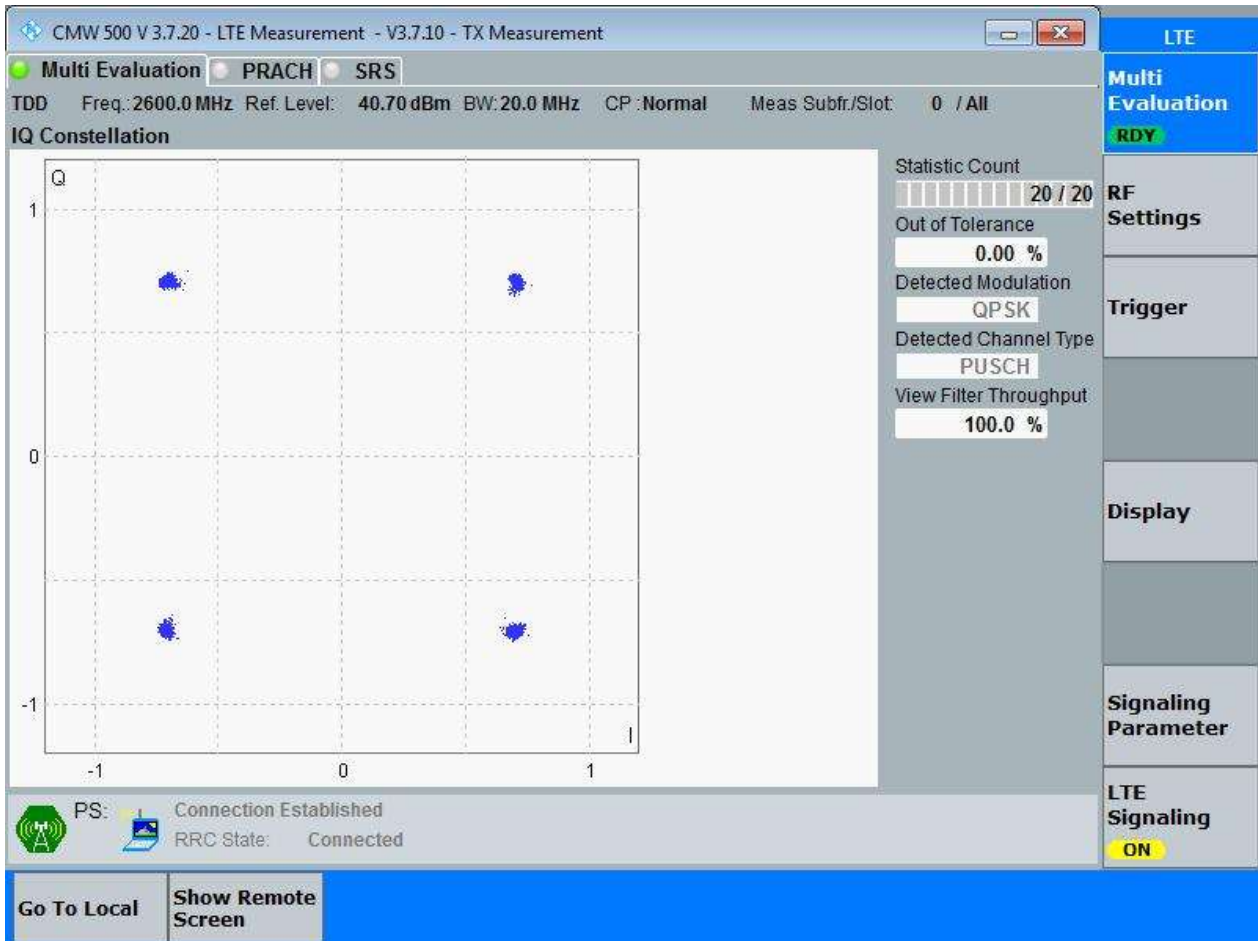
##### 3.1.1.1.3.1.1 Test RB = RB75#0



### 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



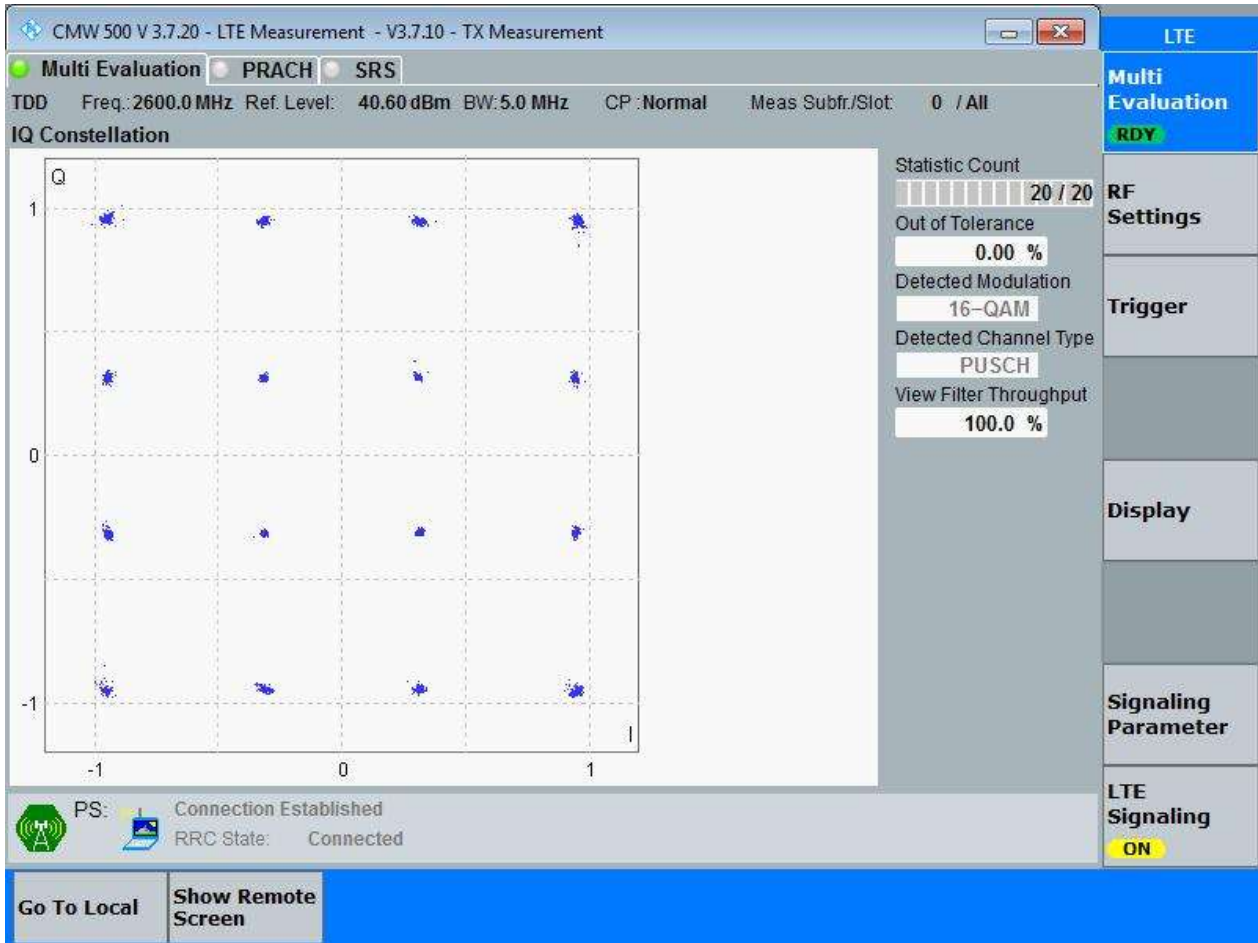


### 3.1.1.2 Test Mode = LTE/TM2

#### 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

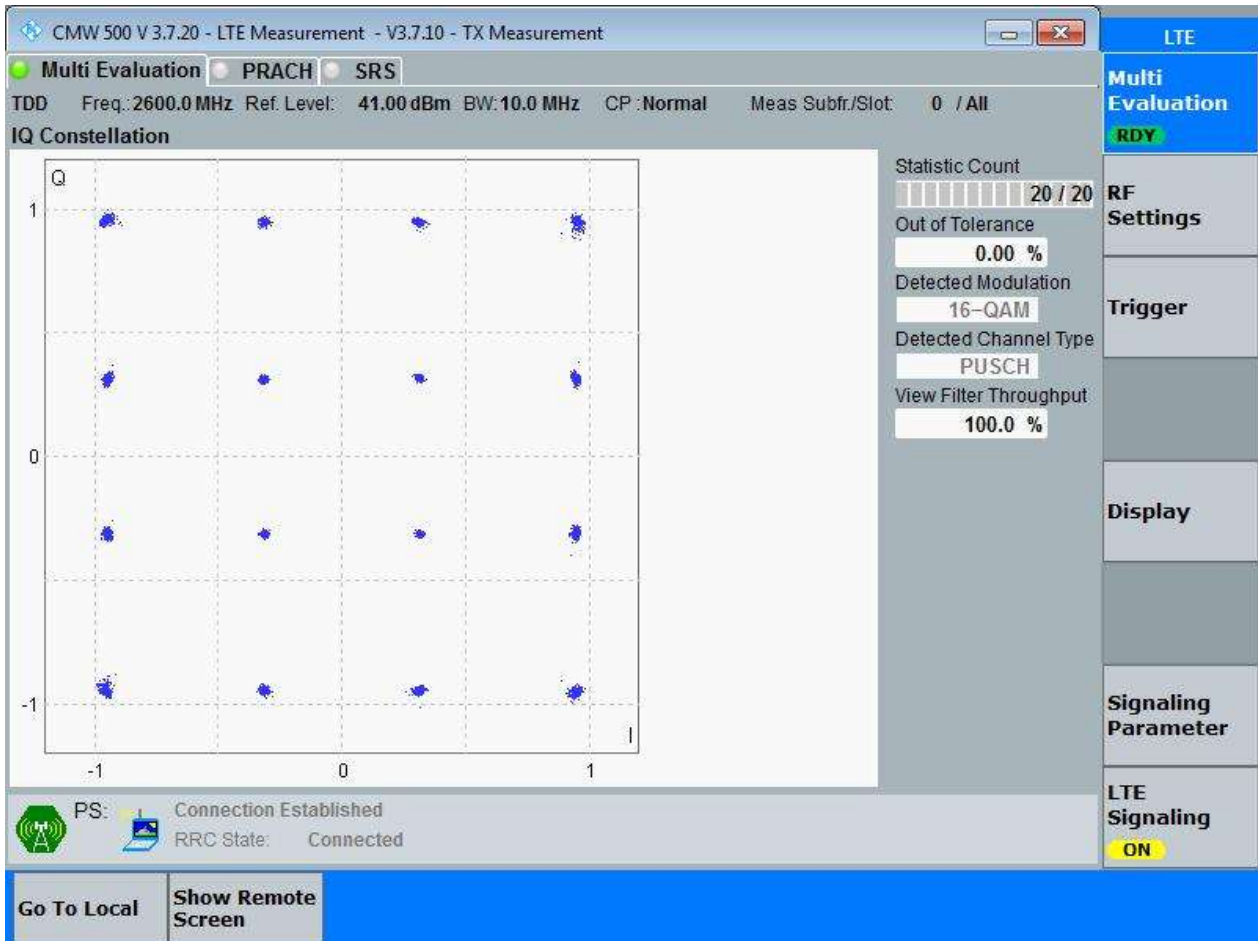




### 3.1.1.2.2 Test Bandwidth = 10

#### 3.1.1.2.2.1 Test Channel = MCH

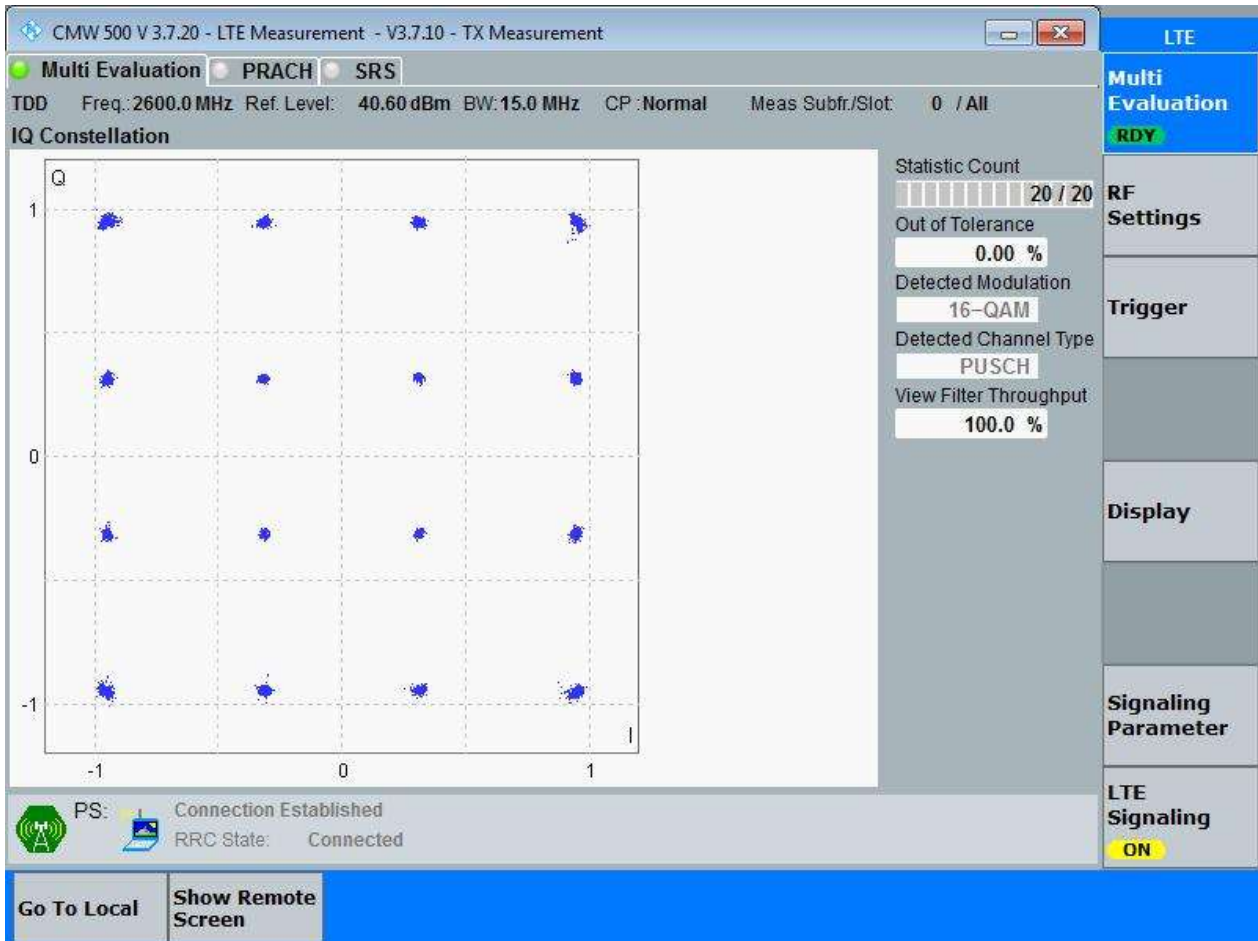
##### 3.1.1.2.2.1.1 Test RB = RB50#0



### 3.1.1.2.3 Test Bandwidth = 15

#### 3.1.1.2.3.1 Test Channel = MCH

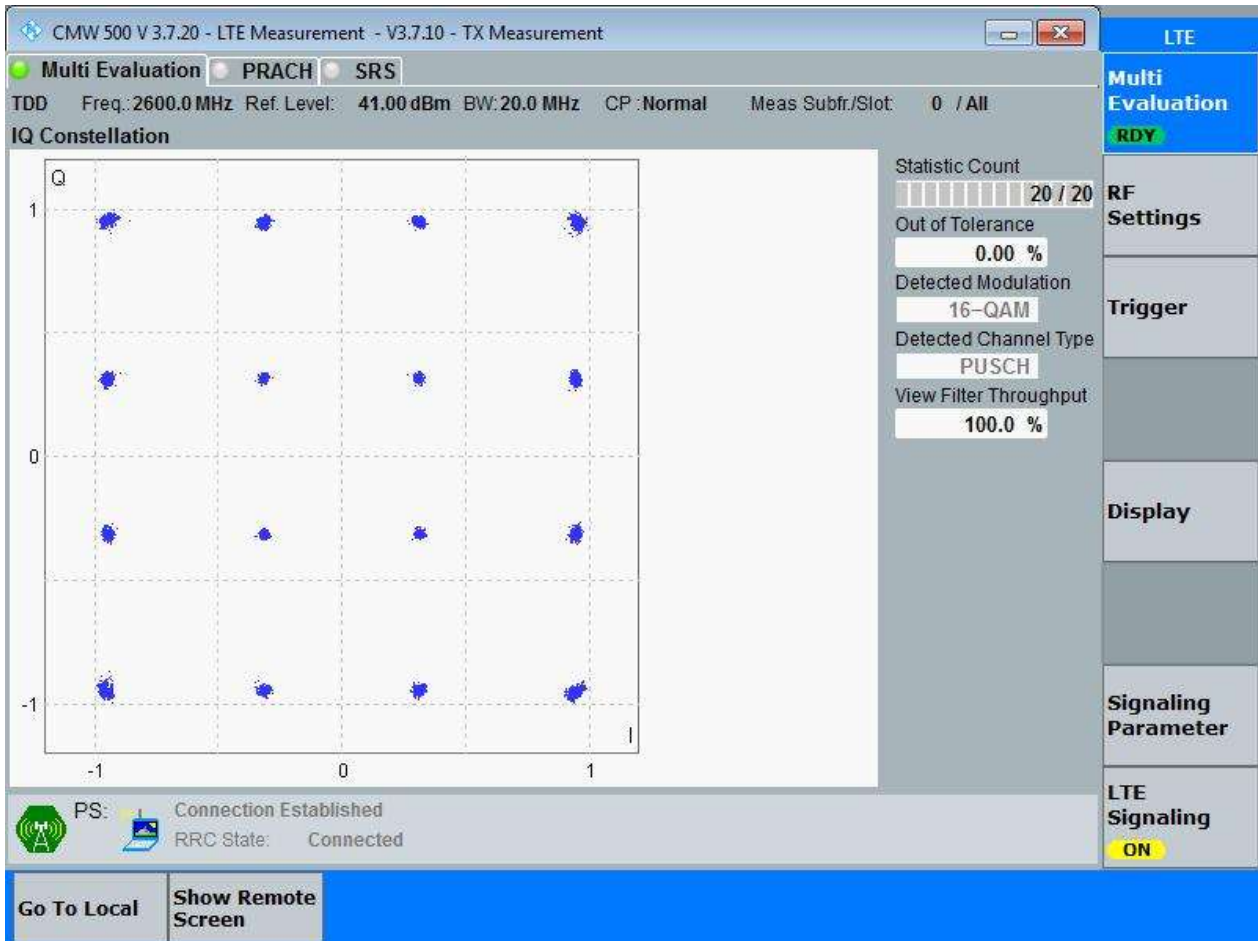
##### 3.1.1.2.3.1.1 Test RB = RB75#0



### 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	4.51	4.98	Pass
			MCH	RB25#0	4.52	4.95	Pass
			HCH	RB25#0	4.52	5.07	Pass
		10	LCH	RB50#0	8.98	9.93	Pass
			MCH	RB50#0	9.00	9.92	Pass
			HCH	RB50#0	9.00	9.97	Pass
		15	LCH	RB75#0	13.50	15.03	Pass
			MCH	RB75#0	13.46	14.89	Pass
			HCH	RB75#0	13.55	14.95	Pass
		20	LCH	RB100#0	18.01	20.23	Pass
			MCH	RB100#0	17.97	19.74	Pass
			HCH	RB100#0	17.98	19.75	Pass
	LTE/TM2	5	LCH	RB25#0	4.53	5.01	Pass
			MCH	RB25#0	4.52	5.07	Pass
			HCH	RB25#0	4.50	4.96	Pass
		10	LCH	RB50#0	9.02	9.92	Pass
			MCH	RB50#0	9.04	10.05	Pass
			HCH	RB50#0	8.97	9.89	Pass
		15	LCH	RB75#0	13.54	15.04	Pass
			MCH	RB75#0	13.50	15.03	Pass
			HCH	RB75#0	13.49	15.12	Pass
		20	LCH	RB100#0	18.03	20.30	Pass
			MCH	RB100#0	17.94	19.91	Pass
			HCH	RB100#0	17.98	19.86	Pass

## Part II - Test Plots

### 4.1 For LTE

#### 4.1.1 Test Band = BAND41

##### 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



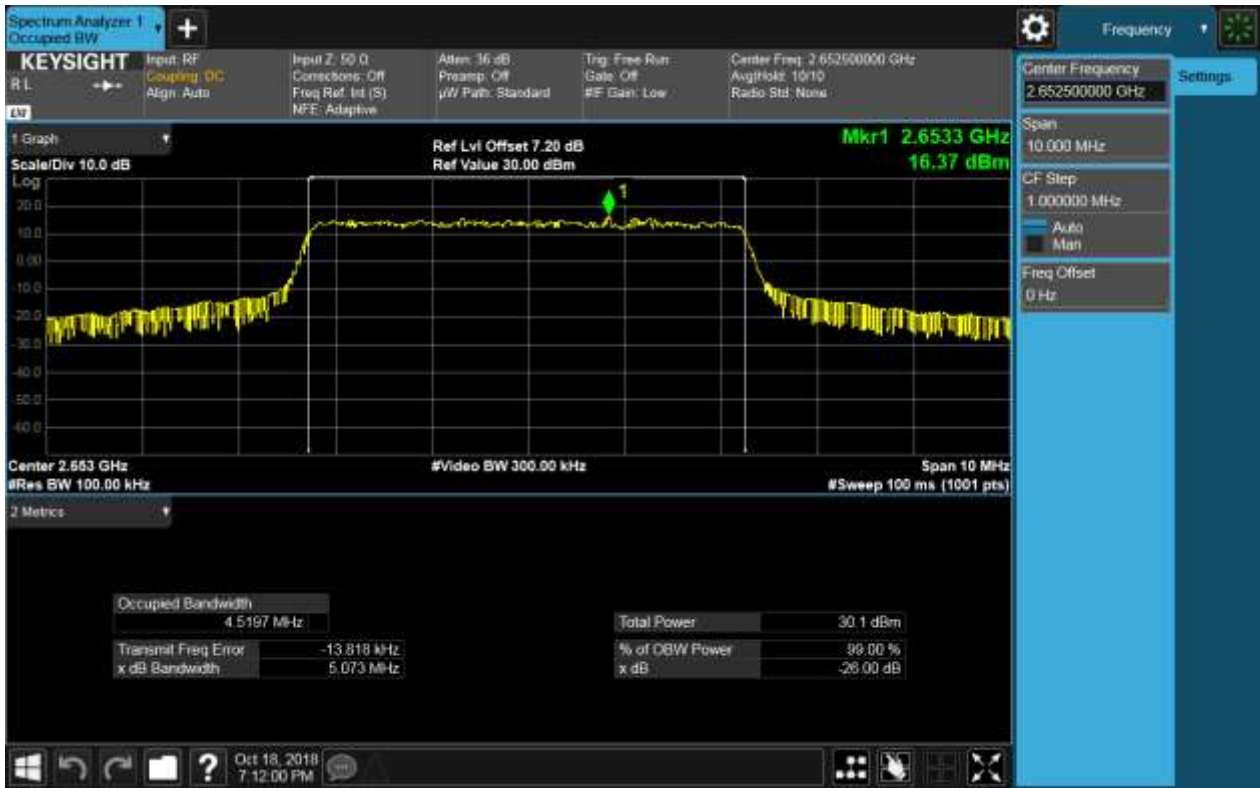
4.1.1.1.1.2 Test Channel = MCH

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

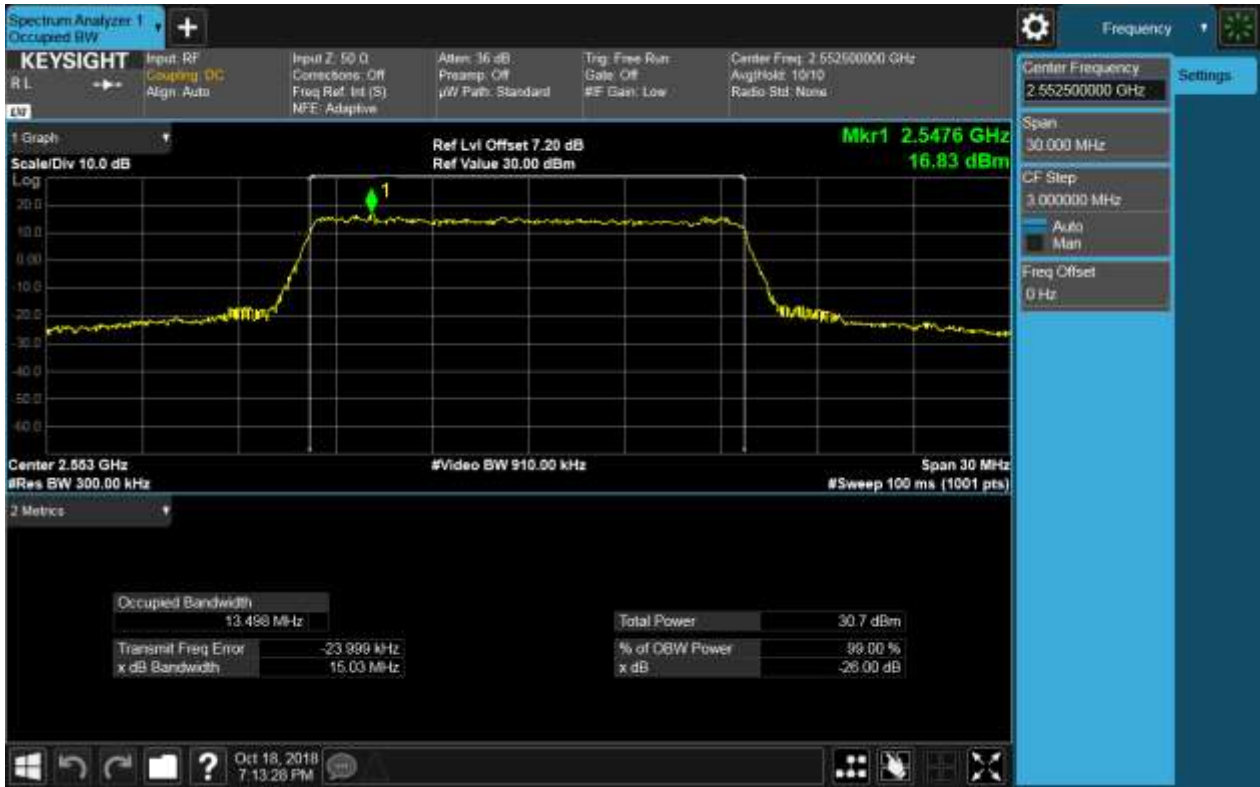
## 4.1.1.1.2.3.1 Test RB = RB50#0



4.1.1.1.3 Test Bandwidth = 15

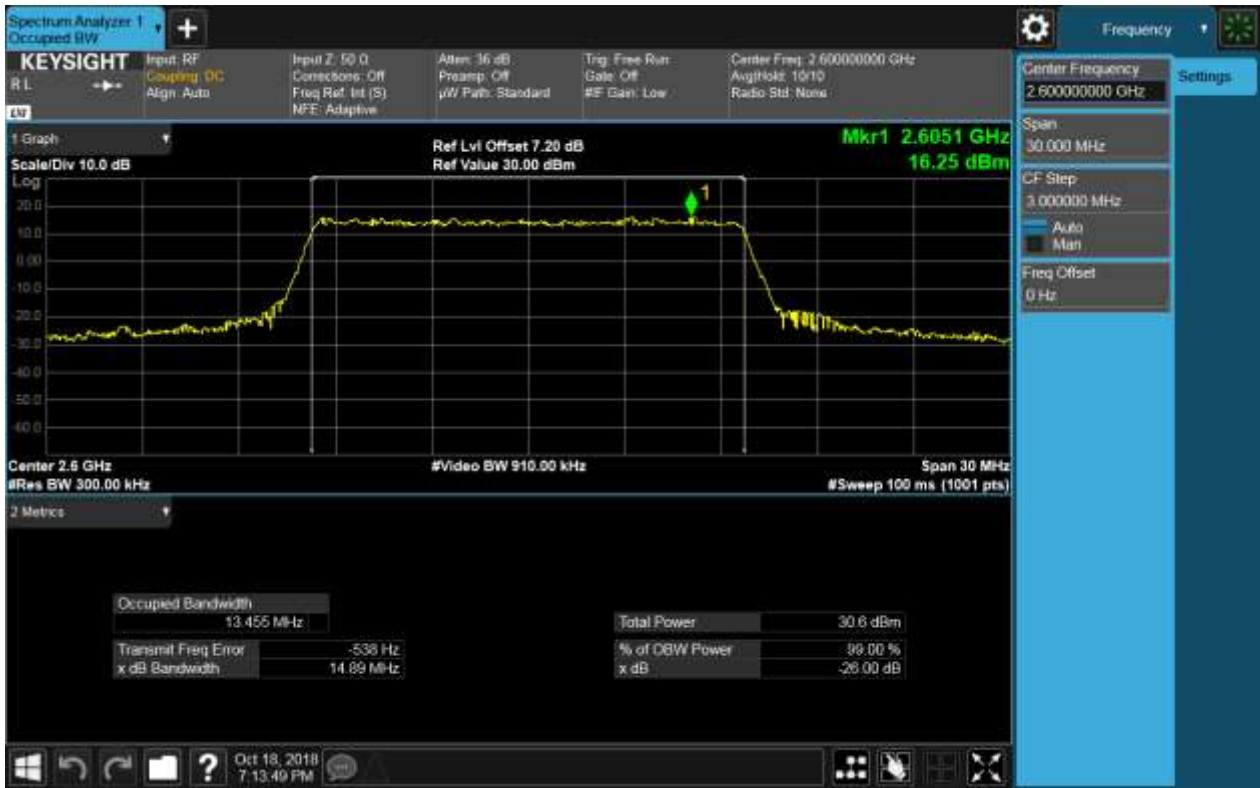
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0



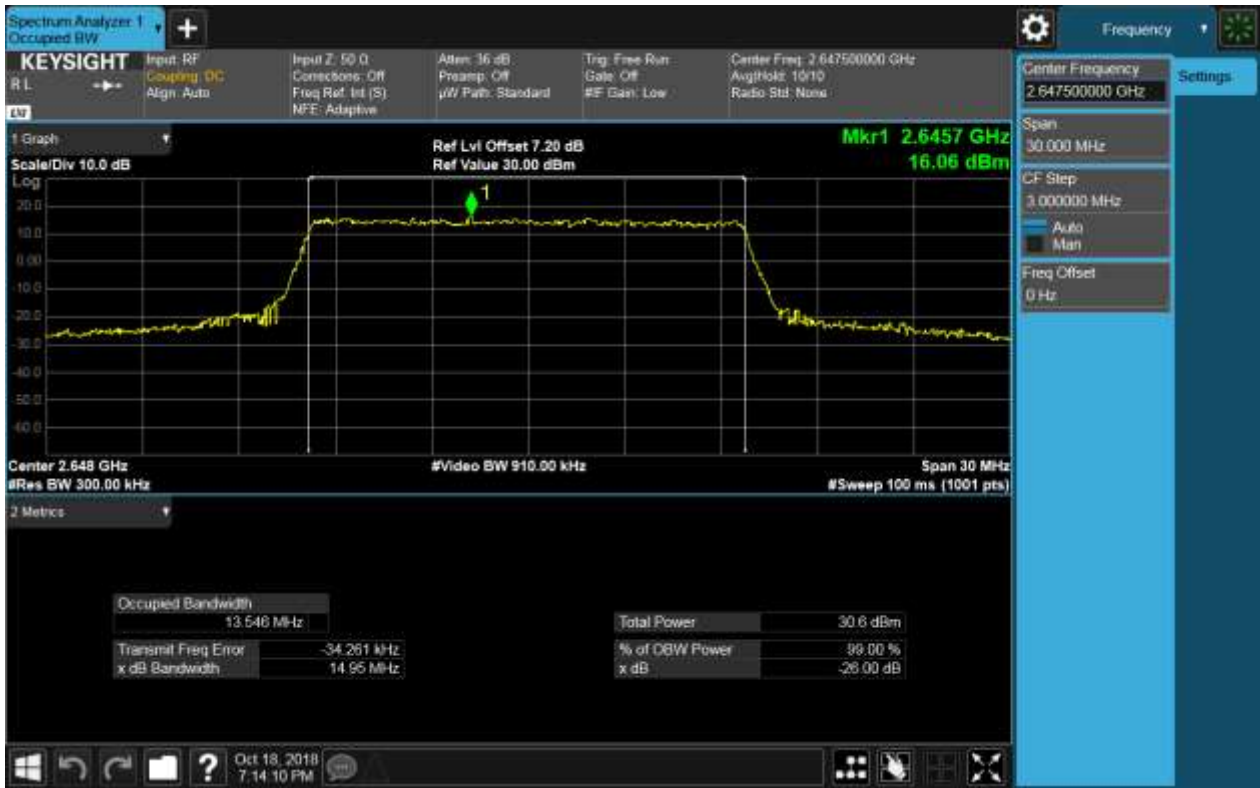
### 4.1.1.1.3.2 Test Channel = MCH

#### 4.1.1.1.3.2.1 Test RB = RB75#0



4.1.1.1.3.3 Test Channel = HCH

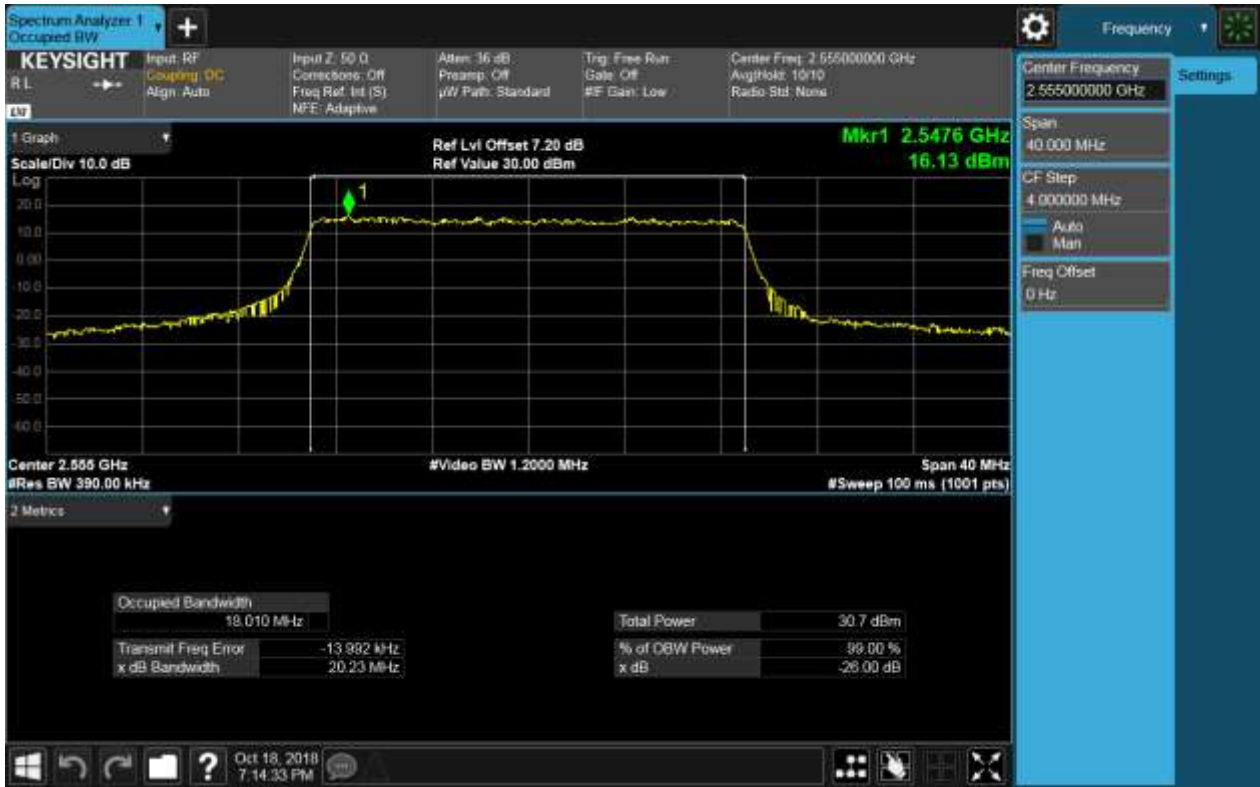
4.1.1.1.3.3.1 Test RB = RB75#0



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



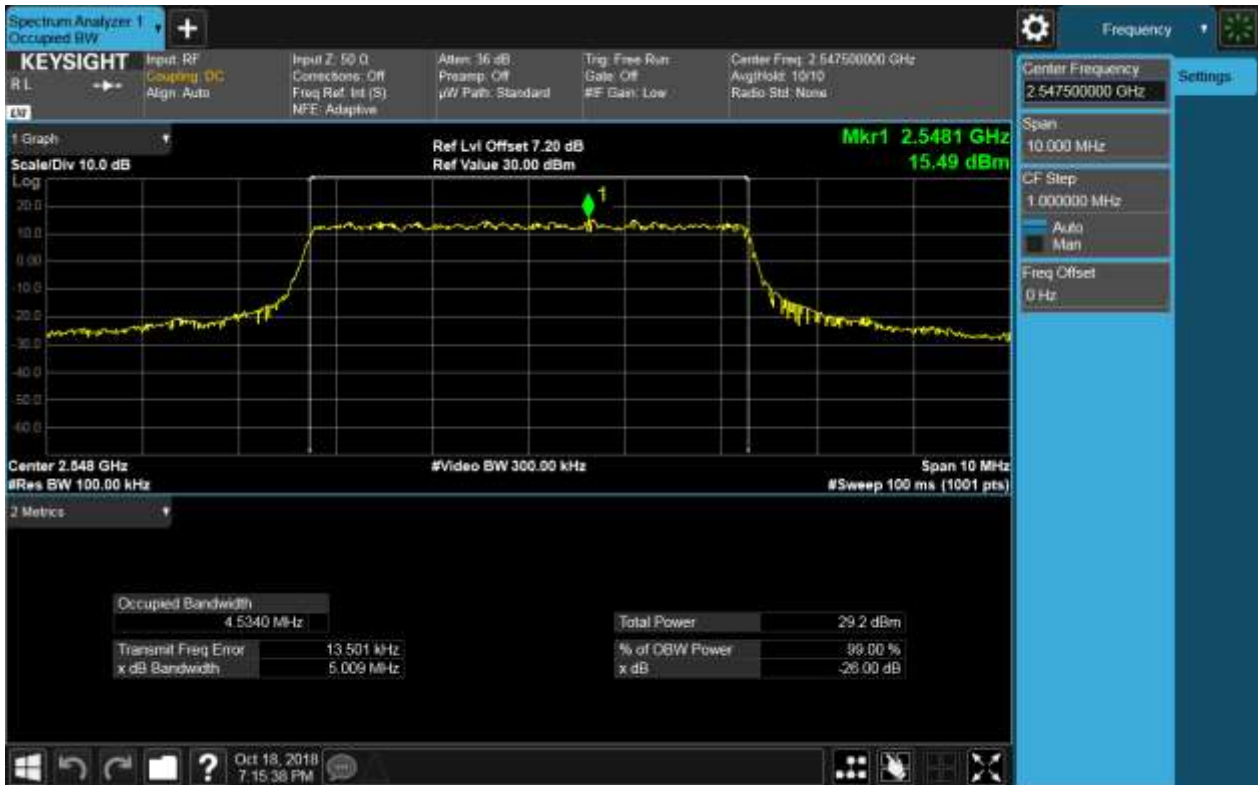


#### 4.1.1.2 Test Mode = LTE/TM2

##### 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

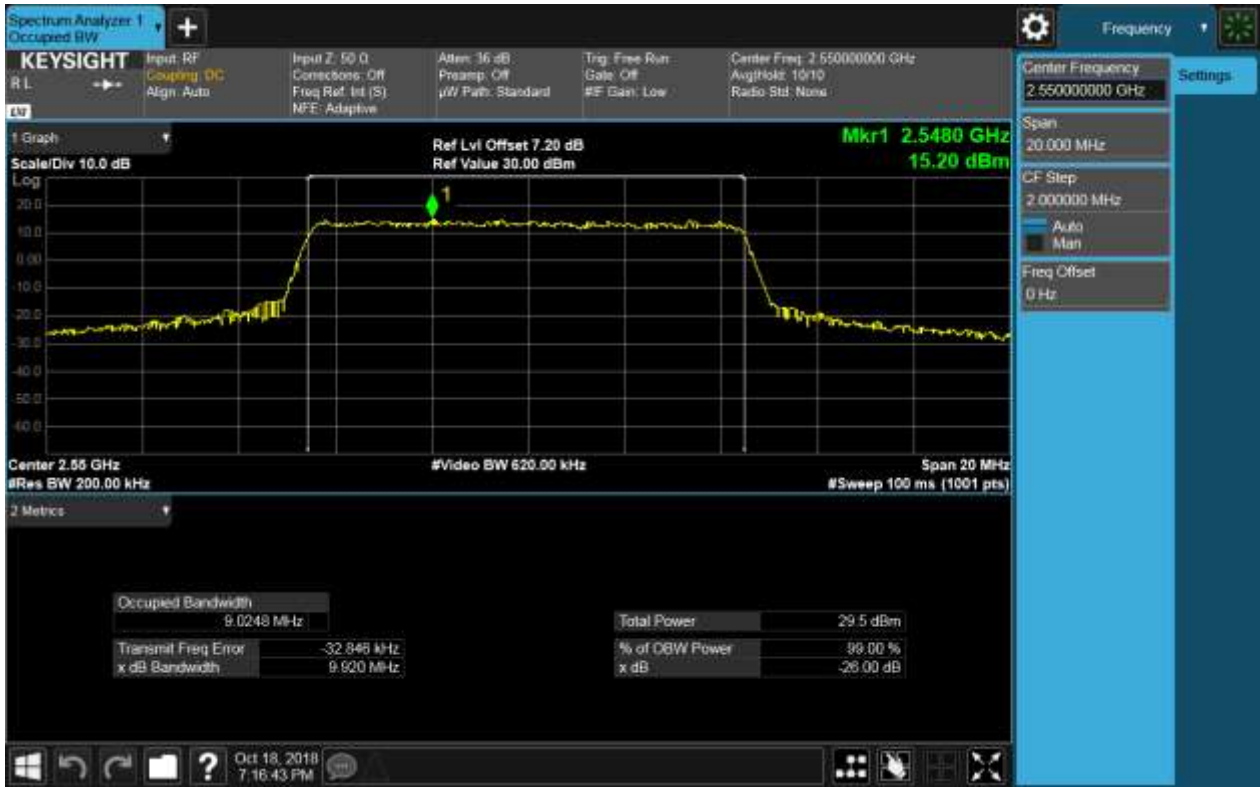




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



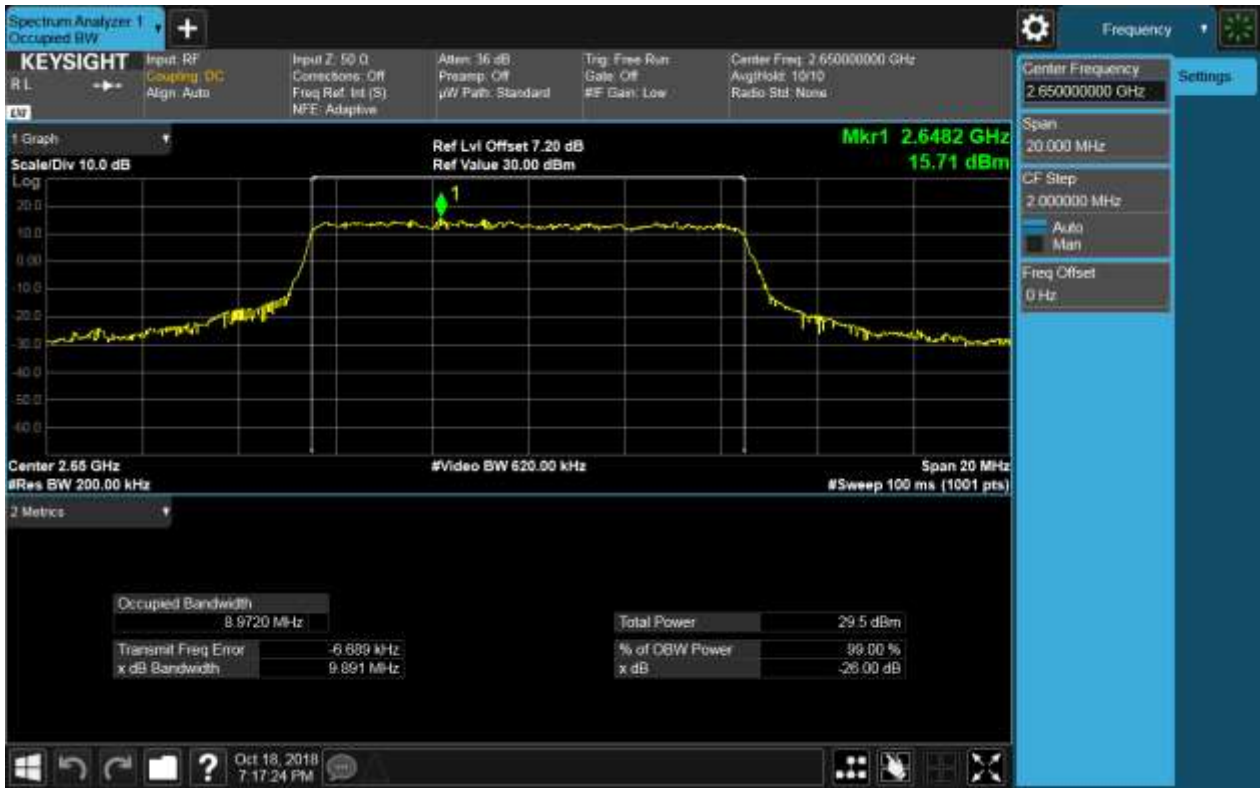
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB50#0



4.1.1.2.2.3 Test Channel = HCH

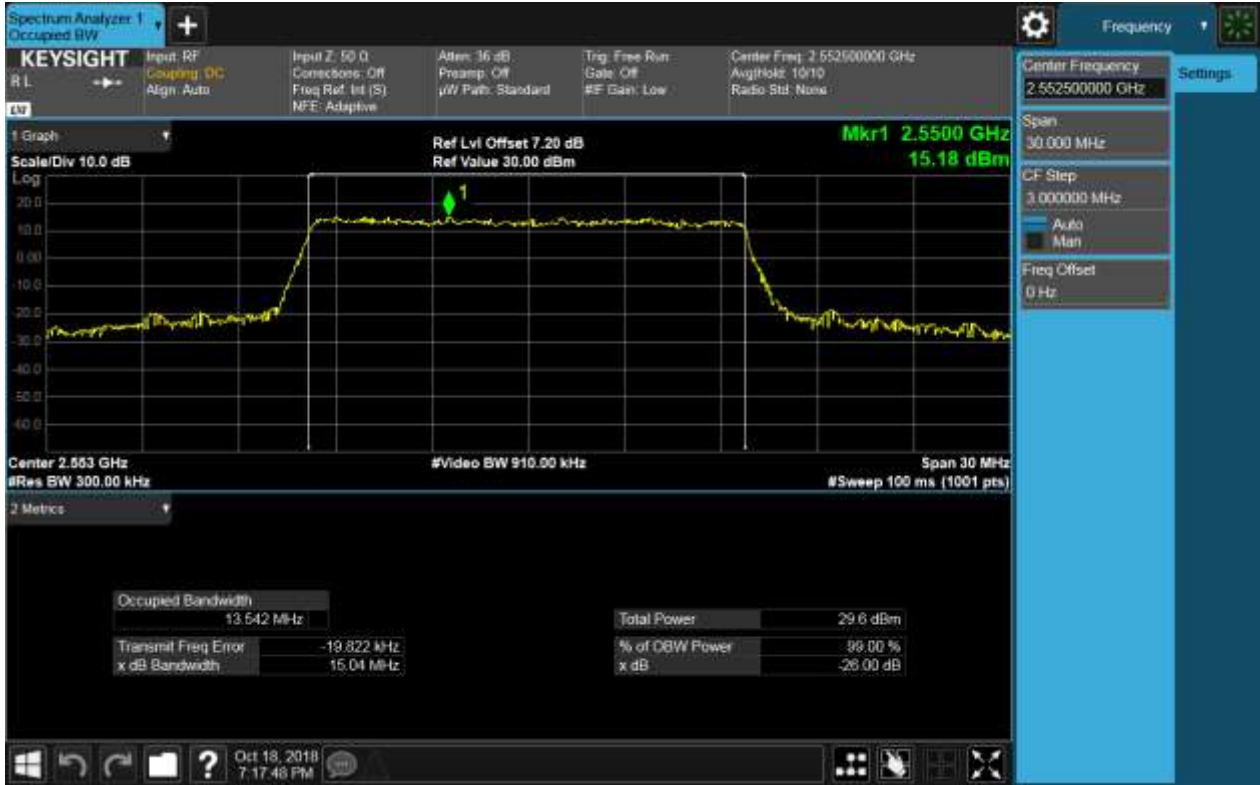
4.1.1.2.2.3.1 Test RB = RB50#0



4.1.1.2.3 Test Bandwidth = 15

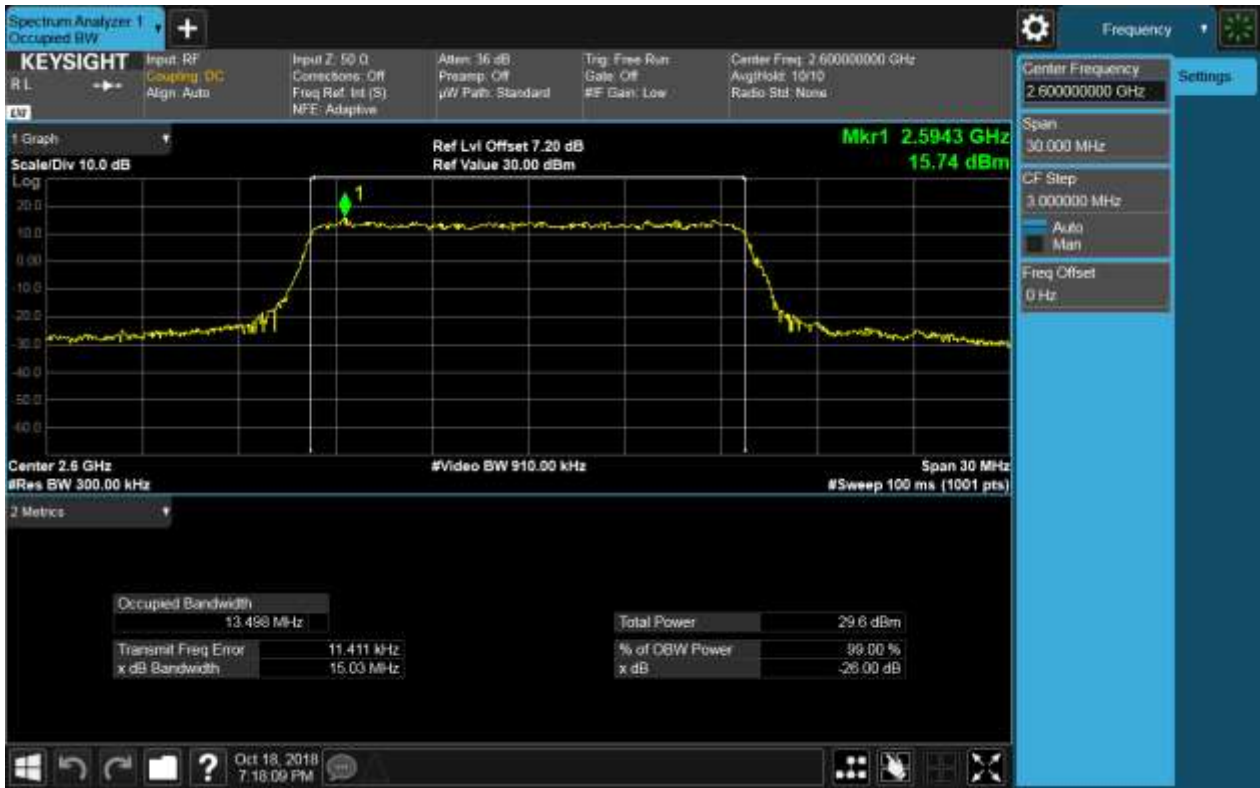
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0



4.1.1.2.3.2 Test Channel = MCH

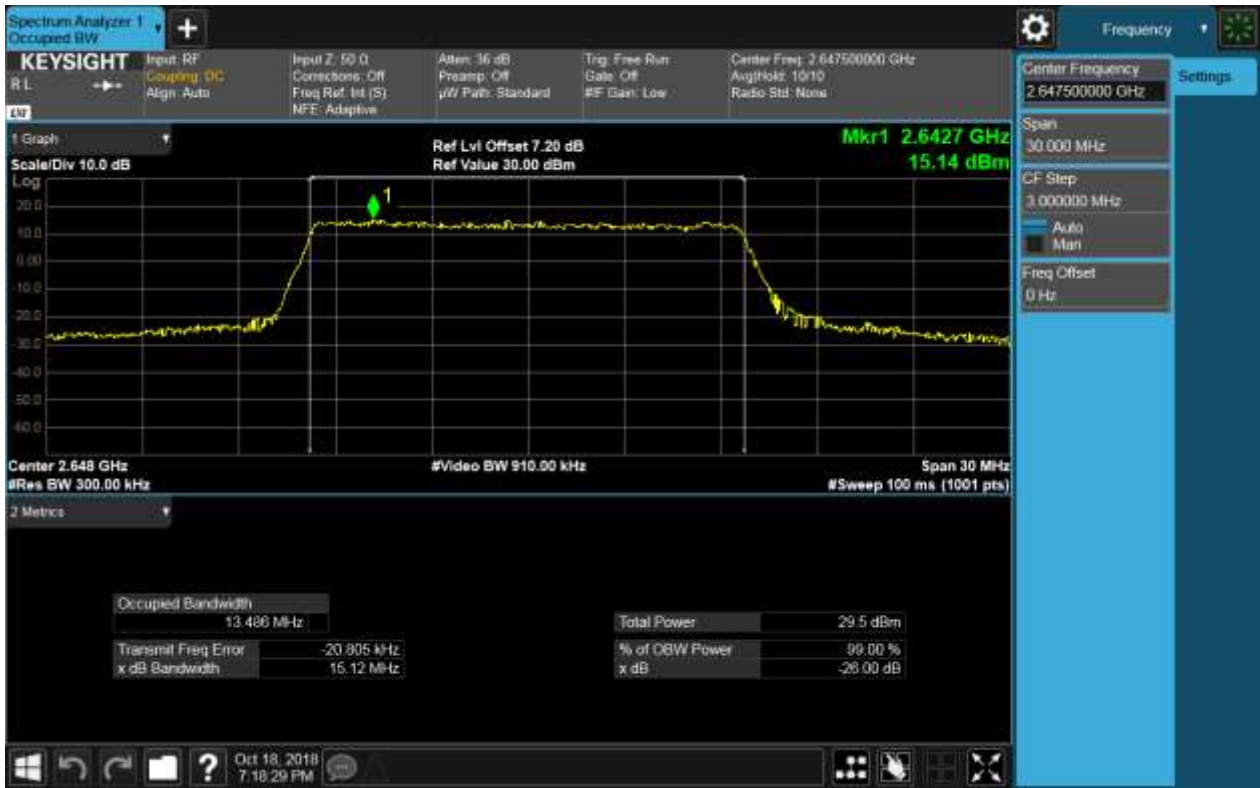
4.1.1.2.3.2.1 Test RB = RB75#0





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



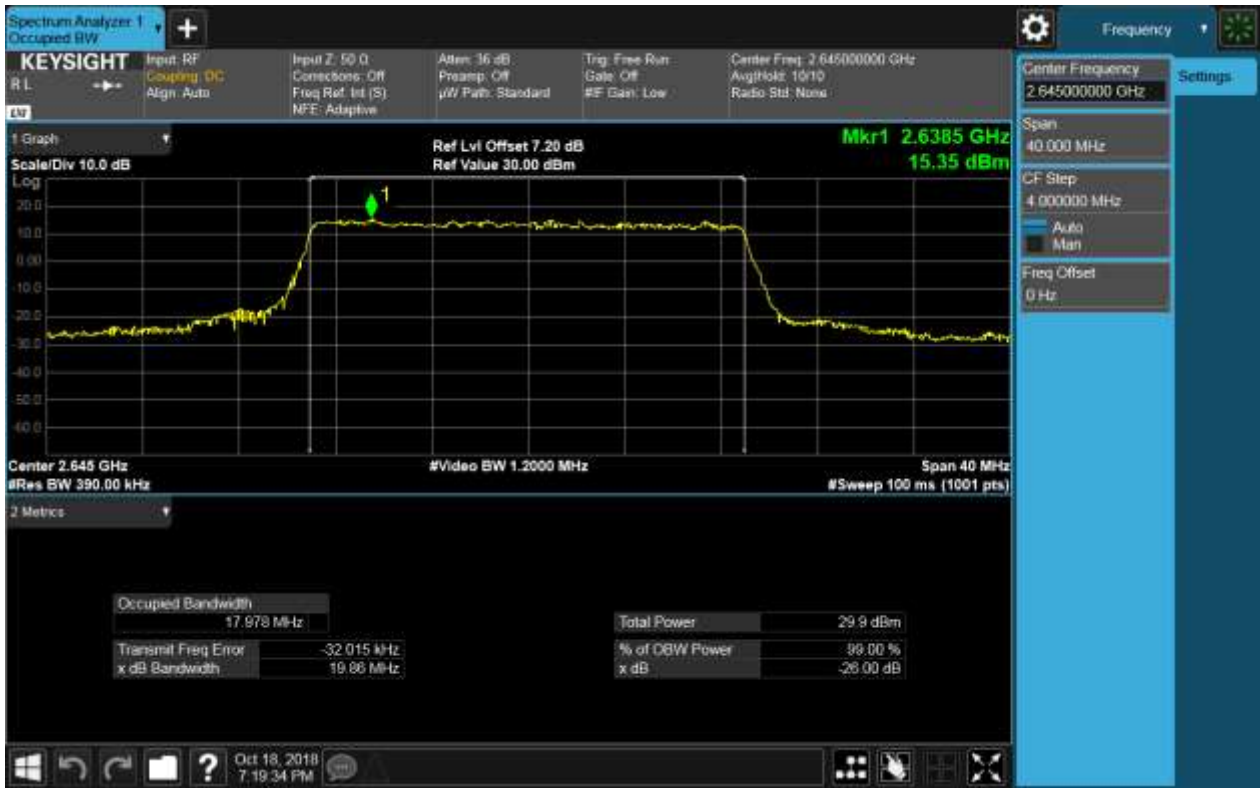
#### 4.1.1.2.4.2 Test Channel = MCH

##### 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

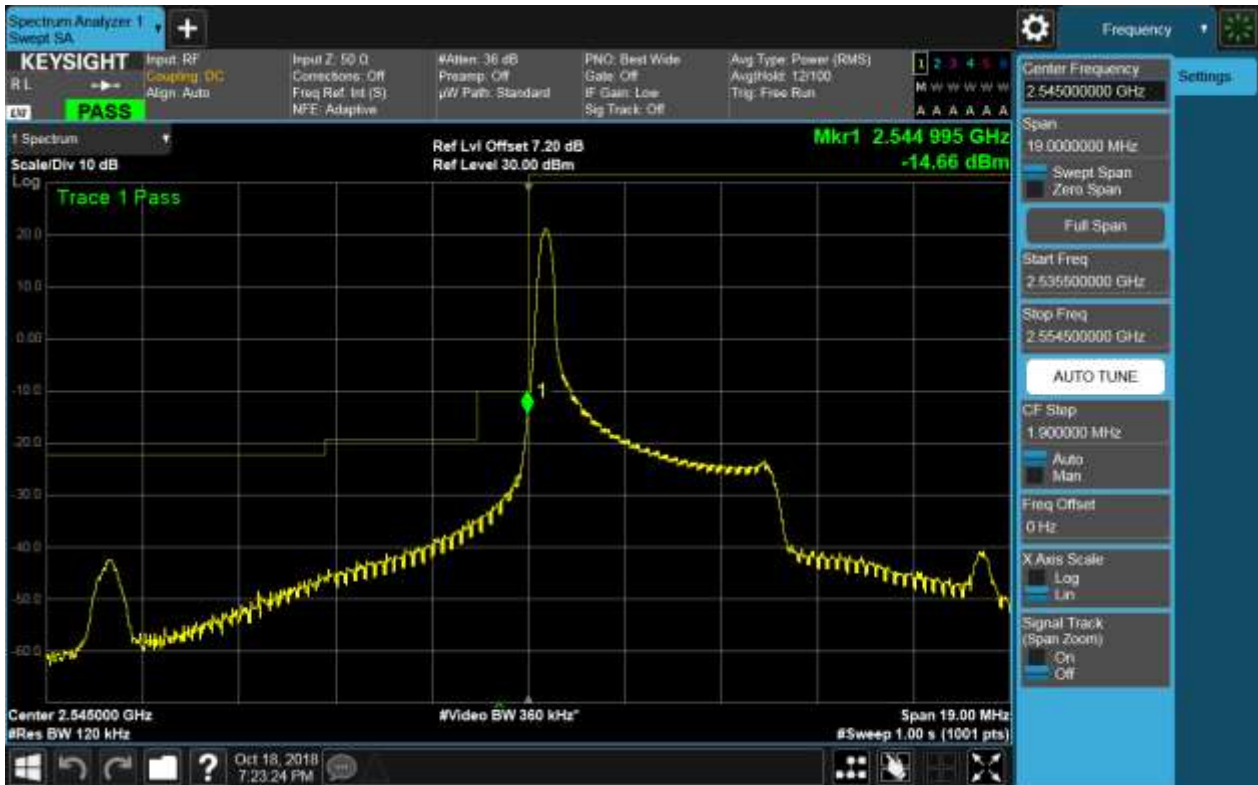
##### 5.1.1 Test Band = BAND41

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

##### 5.1.1.1.1 Test Bandwidth = 5

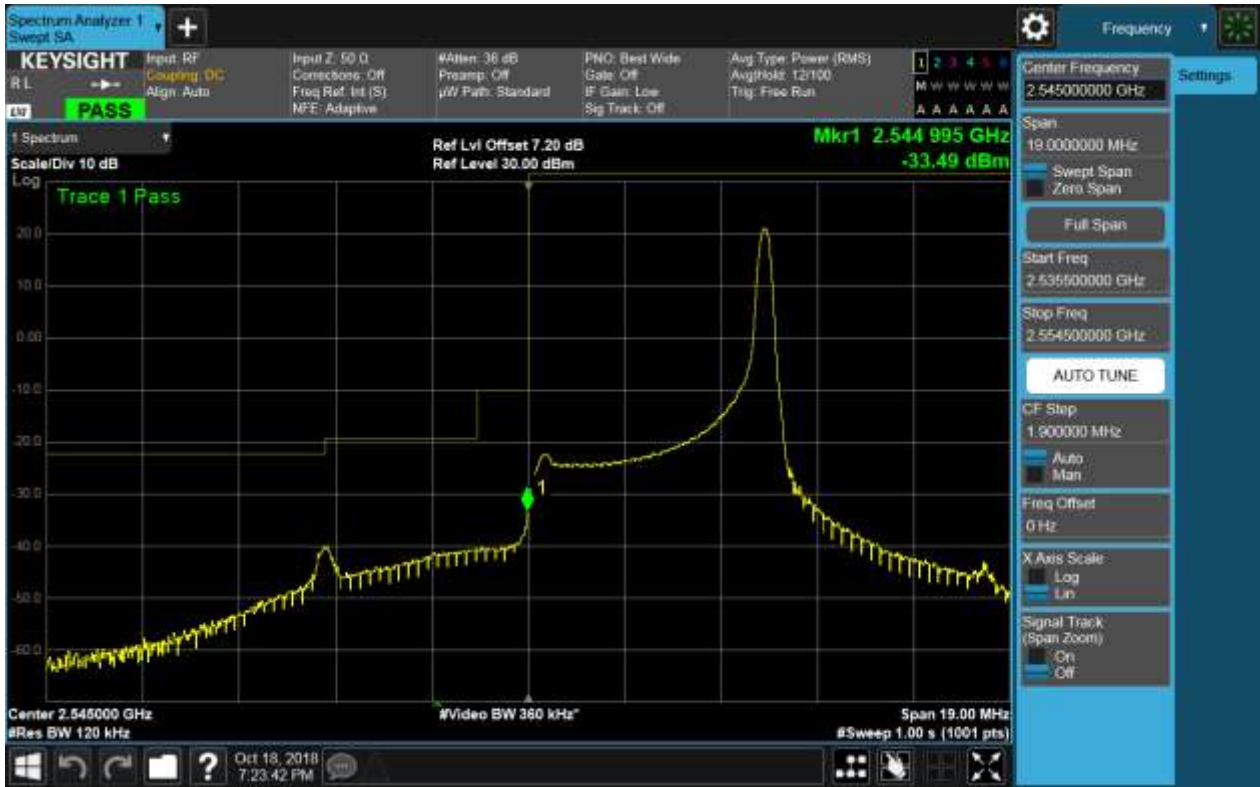
##### 5.1.1.1.1.1 Test Channel = LCH

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



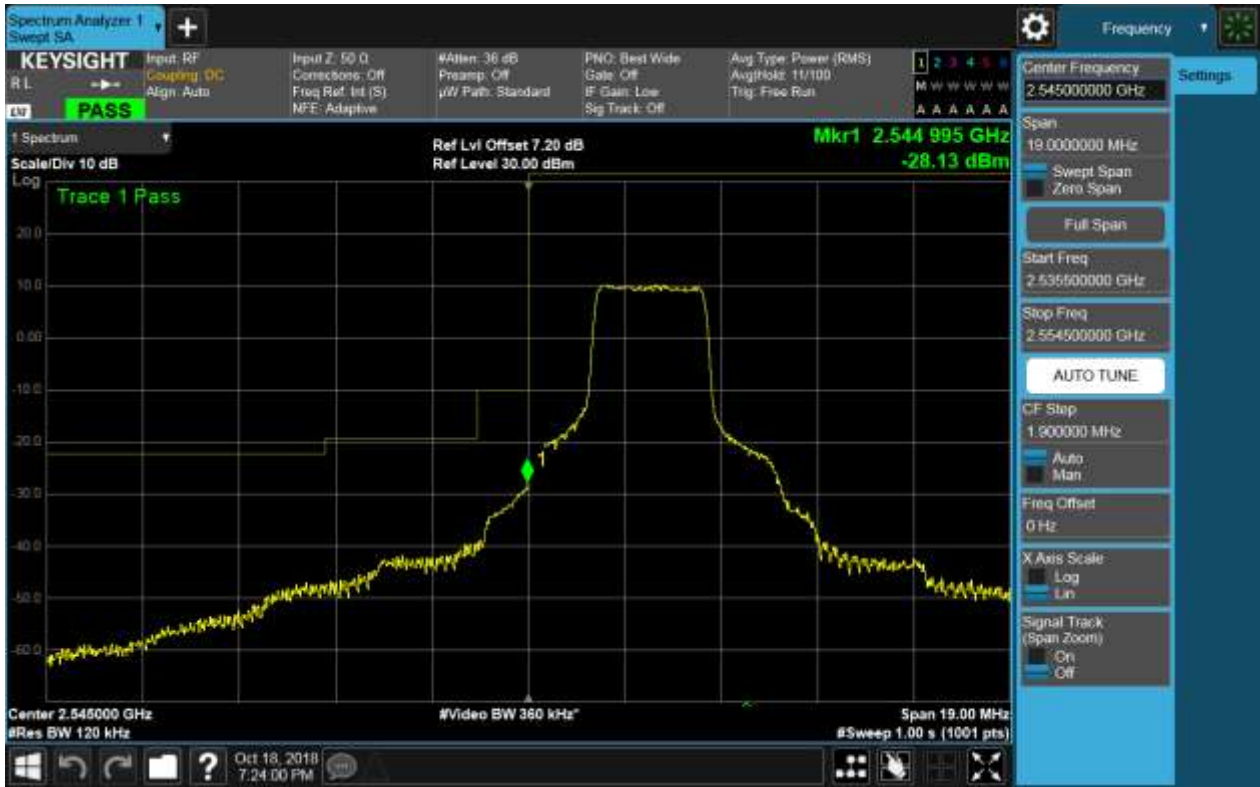


5.1.1.1.1.2 Test RB = RB1#24





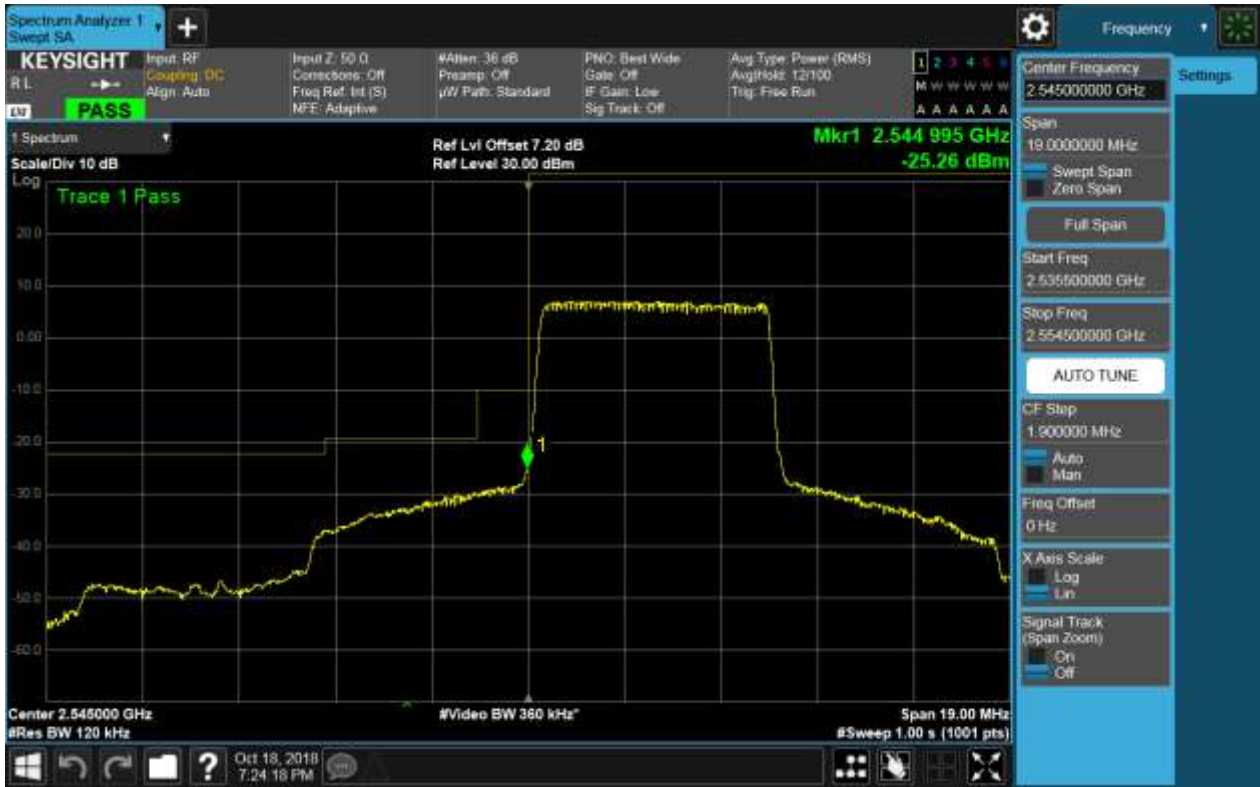
5.1.1.1.1.3 Test RB = RB12#6







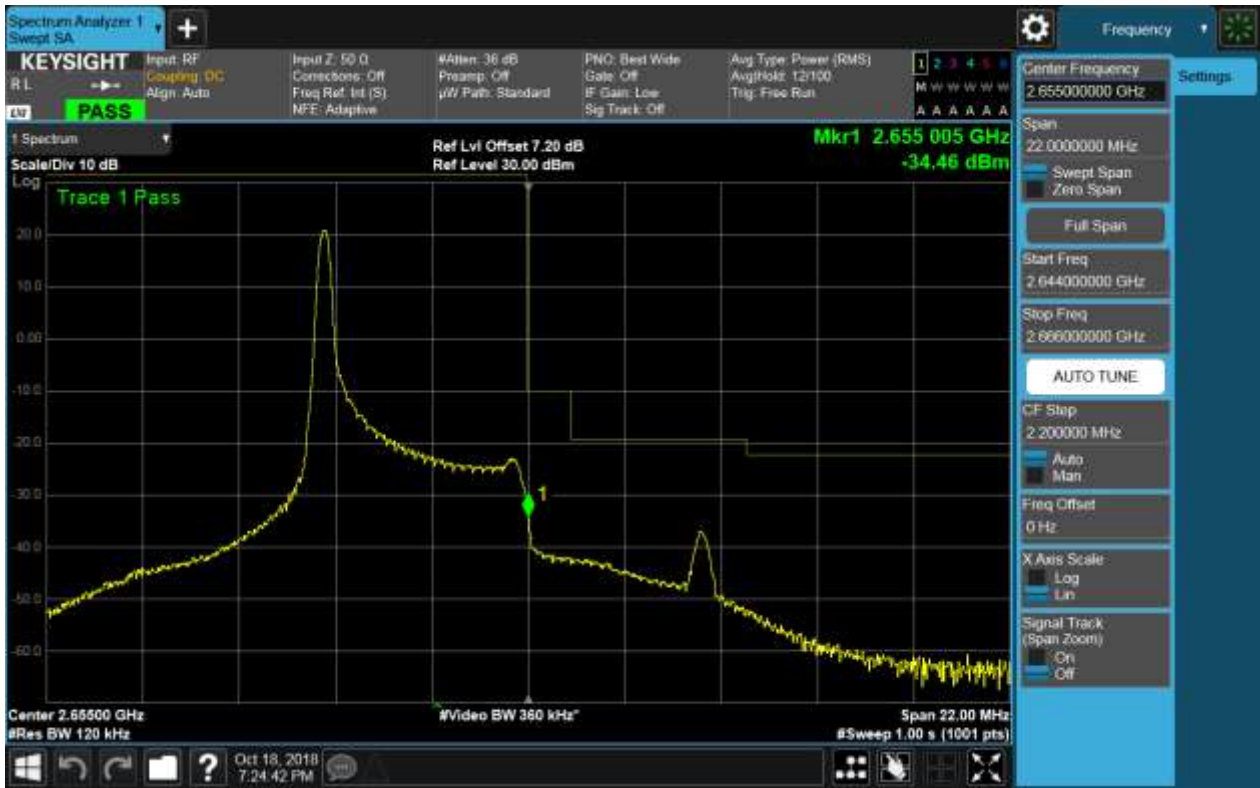
5.1.1.1.1.4 Test RB = RB25#0



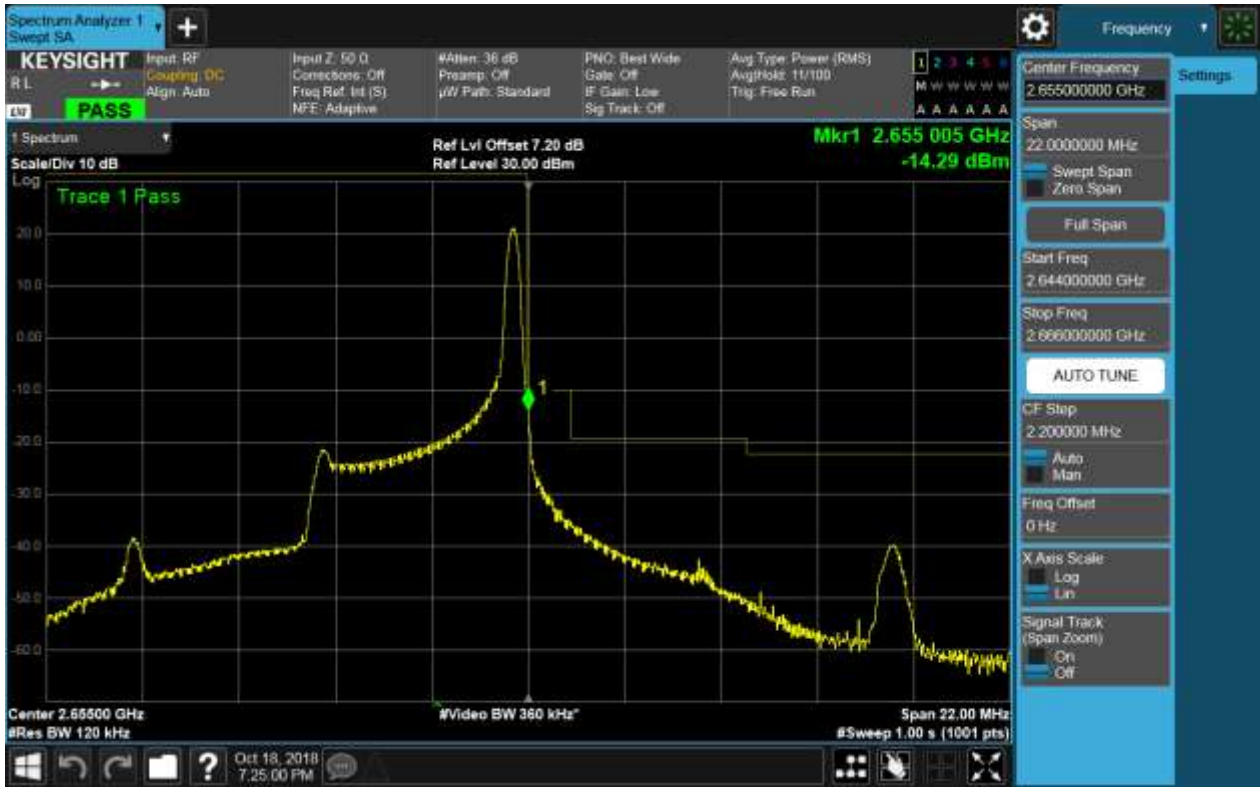


### 5.1.1.1.1.2 Test Channel = HCH

#### 5.1.1.1.1.2.1 Test RB = RB1#0



### 5.1.1.1.1.2.2 Test RB = RB1#24

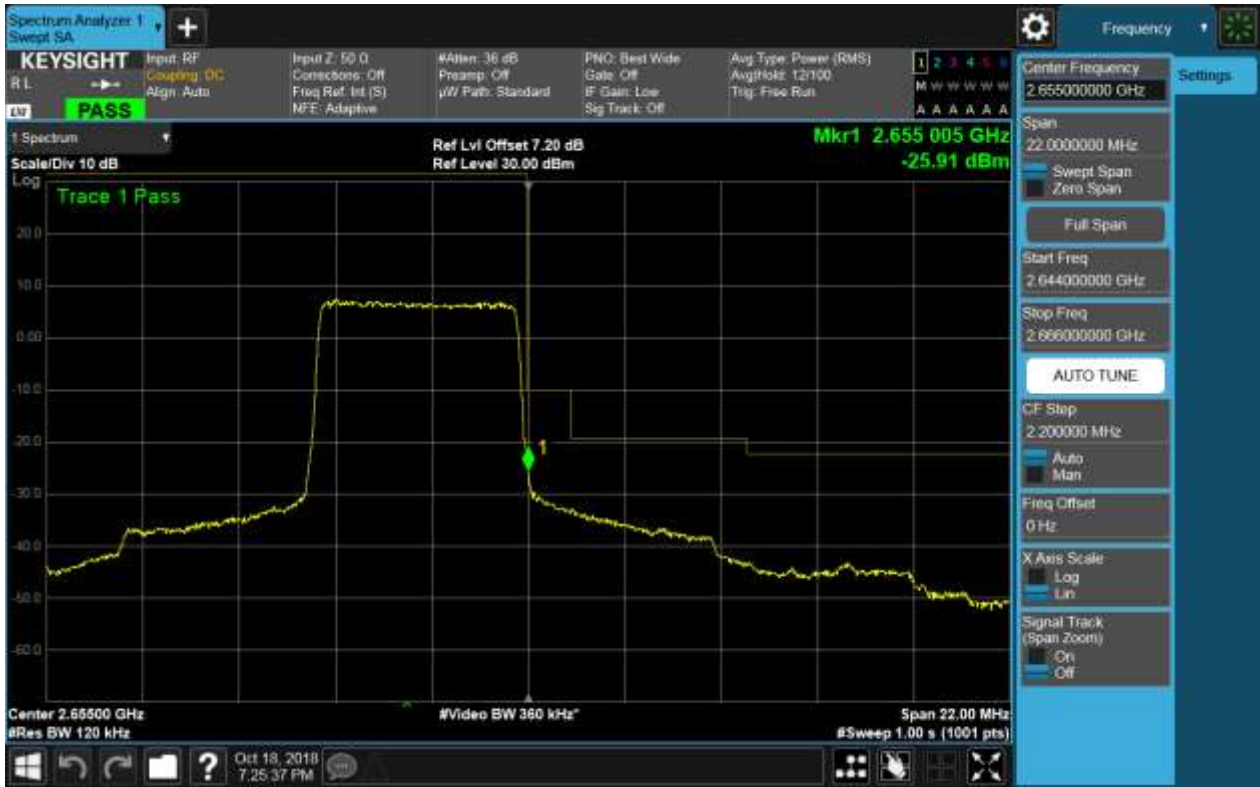


### 5.1.1.1.1.2.3 Test RB = RB12#6





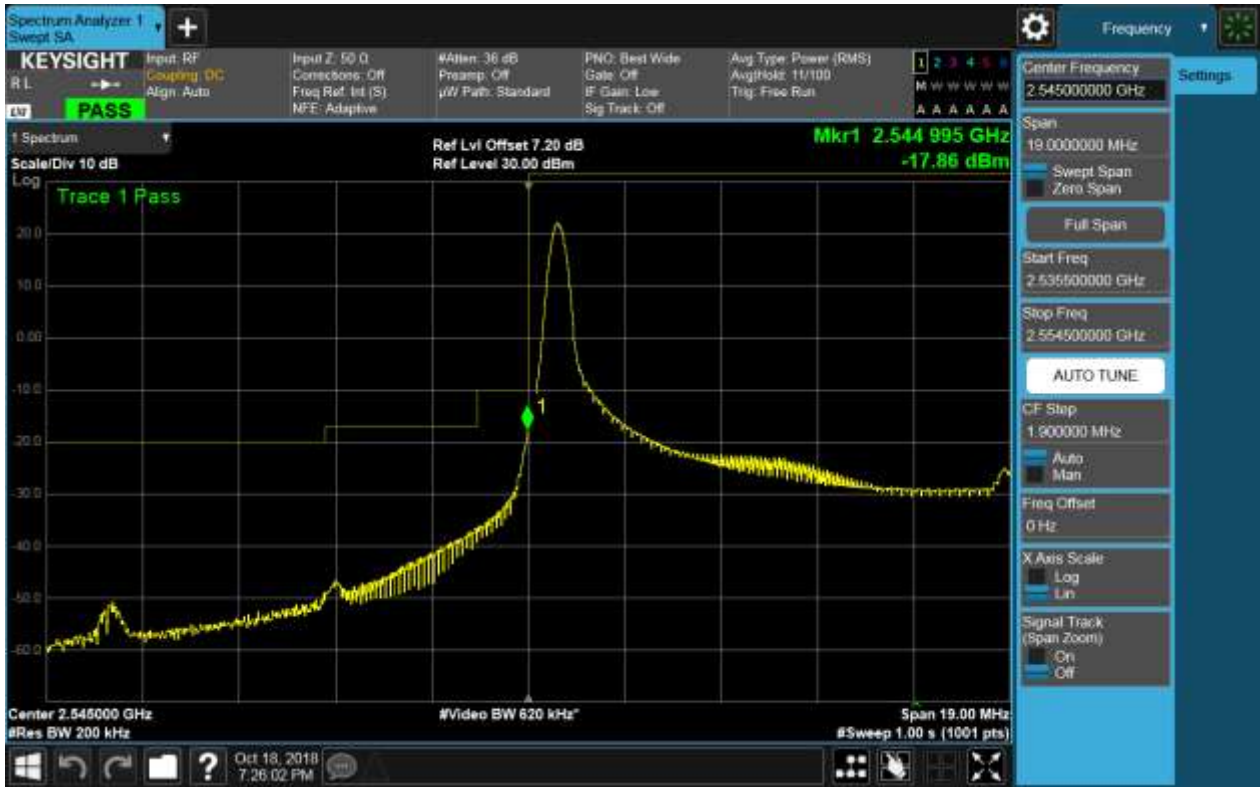
5.1.1.1.1.2.4 Test RB = RB25#0



5.1.1.1.2 Test Bandwidth = 10

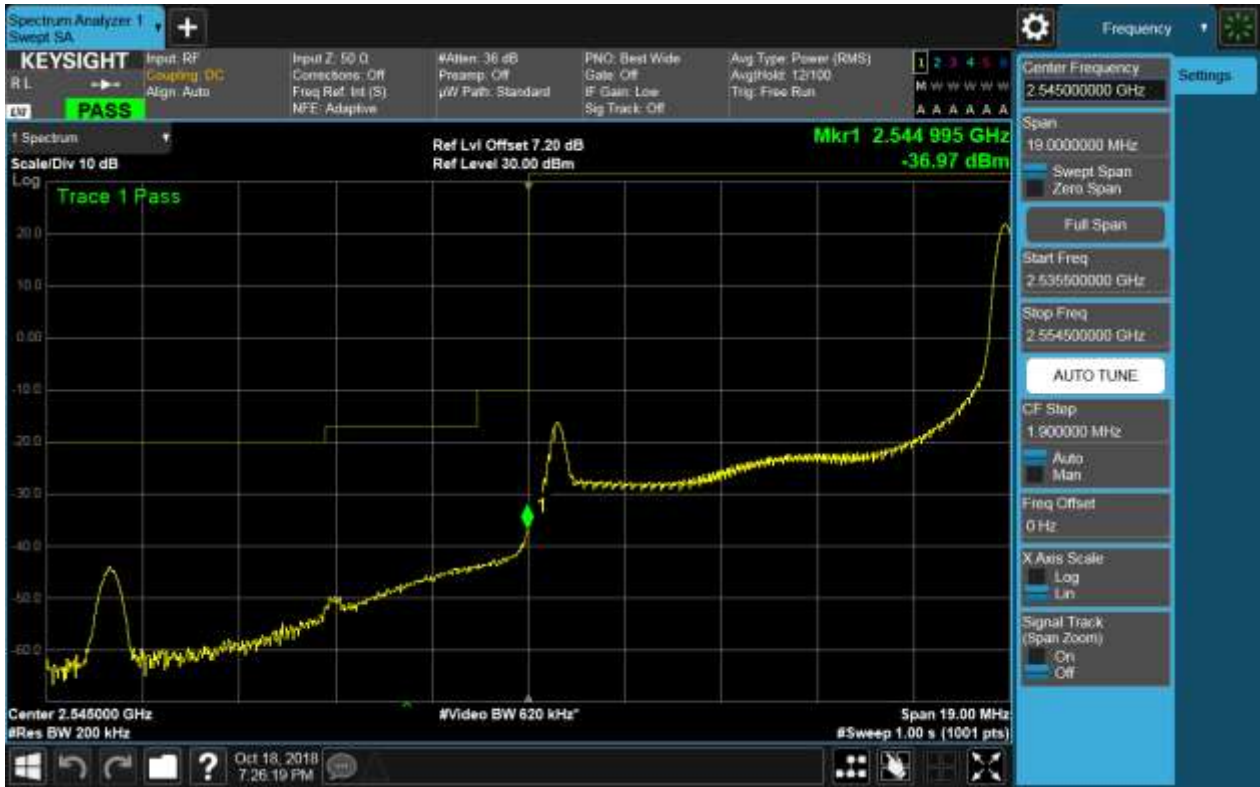
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



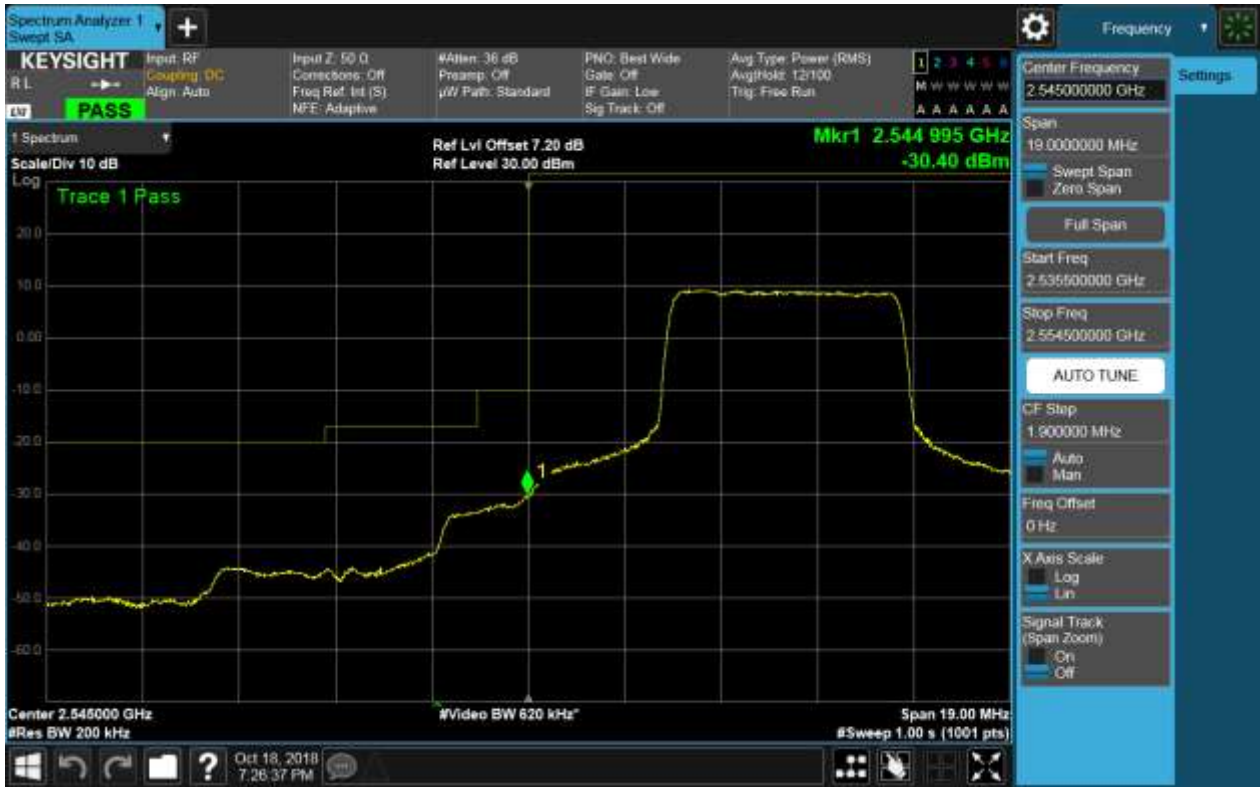


5.1.1.1.2.1.2 Test RB = RB1#49





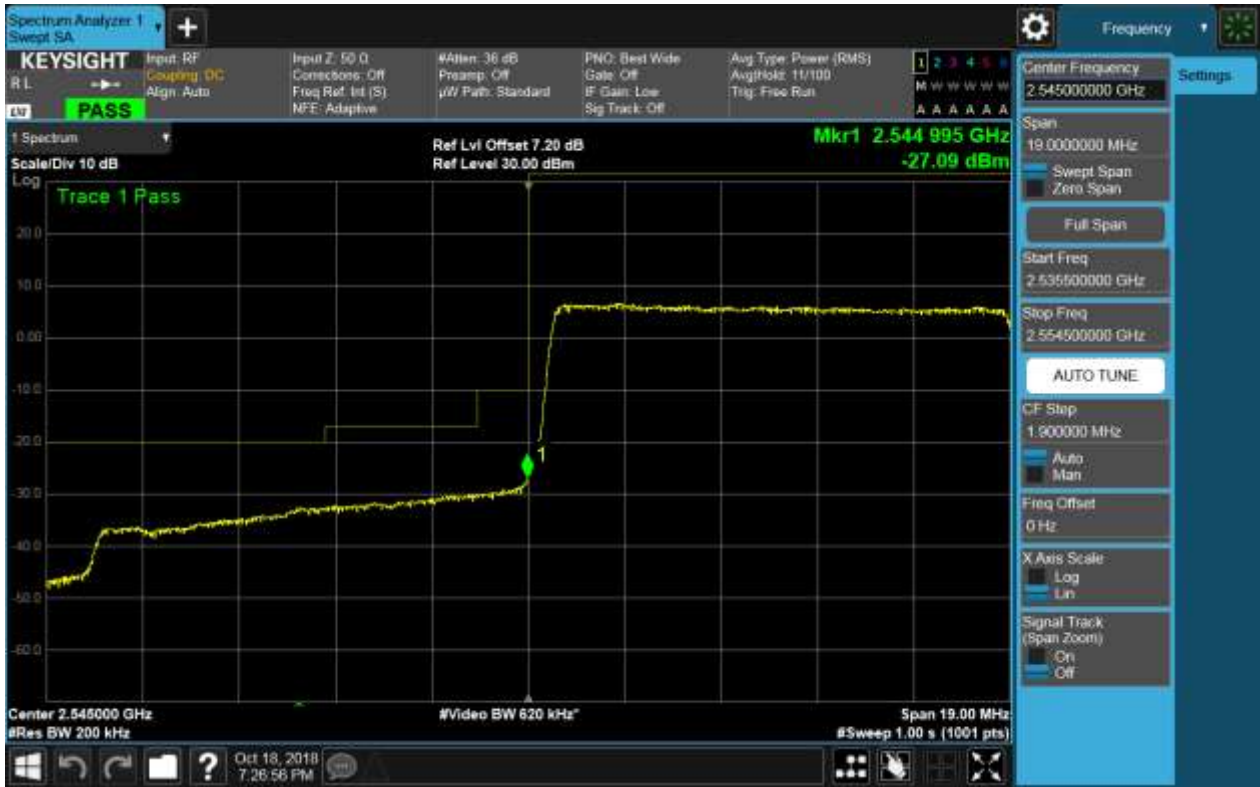
5.1.1.1.2.1.3 Test RB = RB25#13







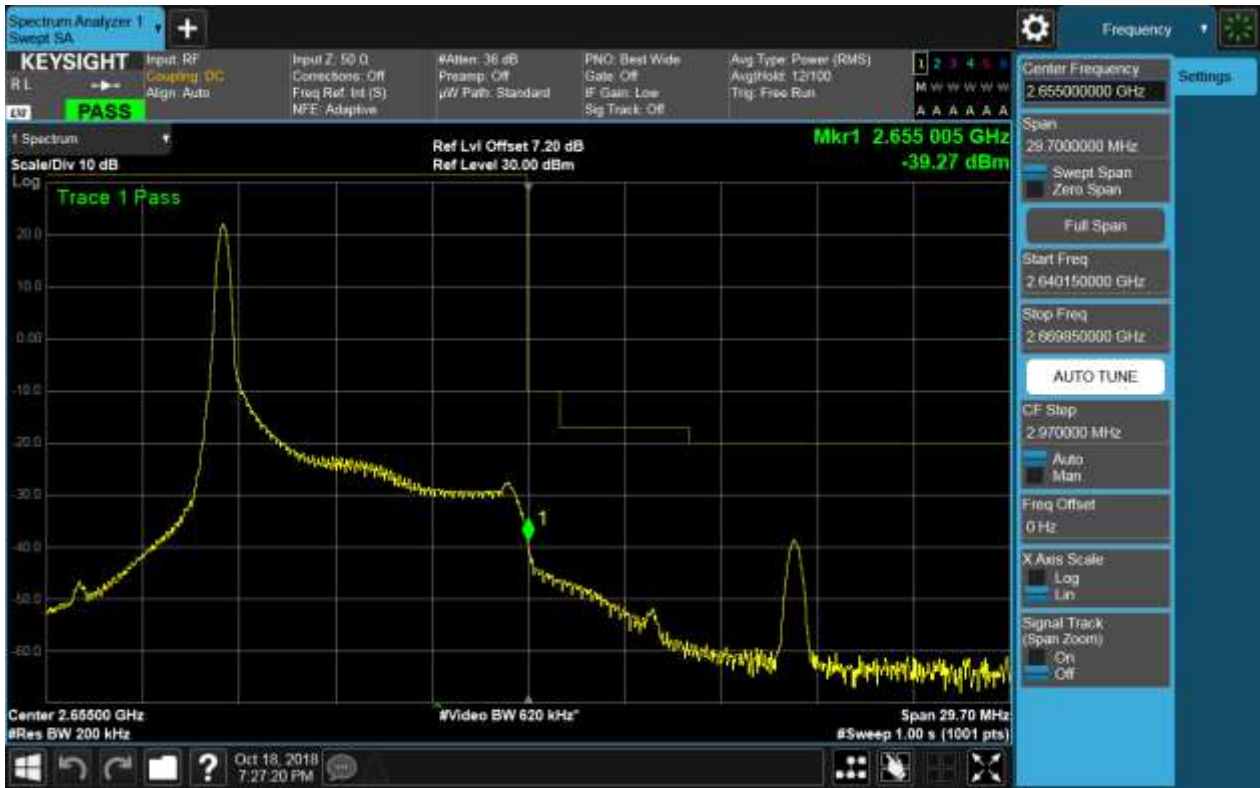
5.1.1.1.2.1.4 Test RB = RB50#0





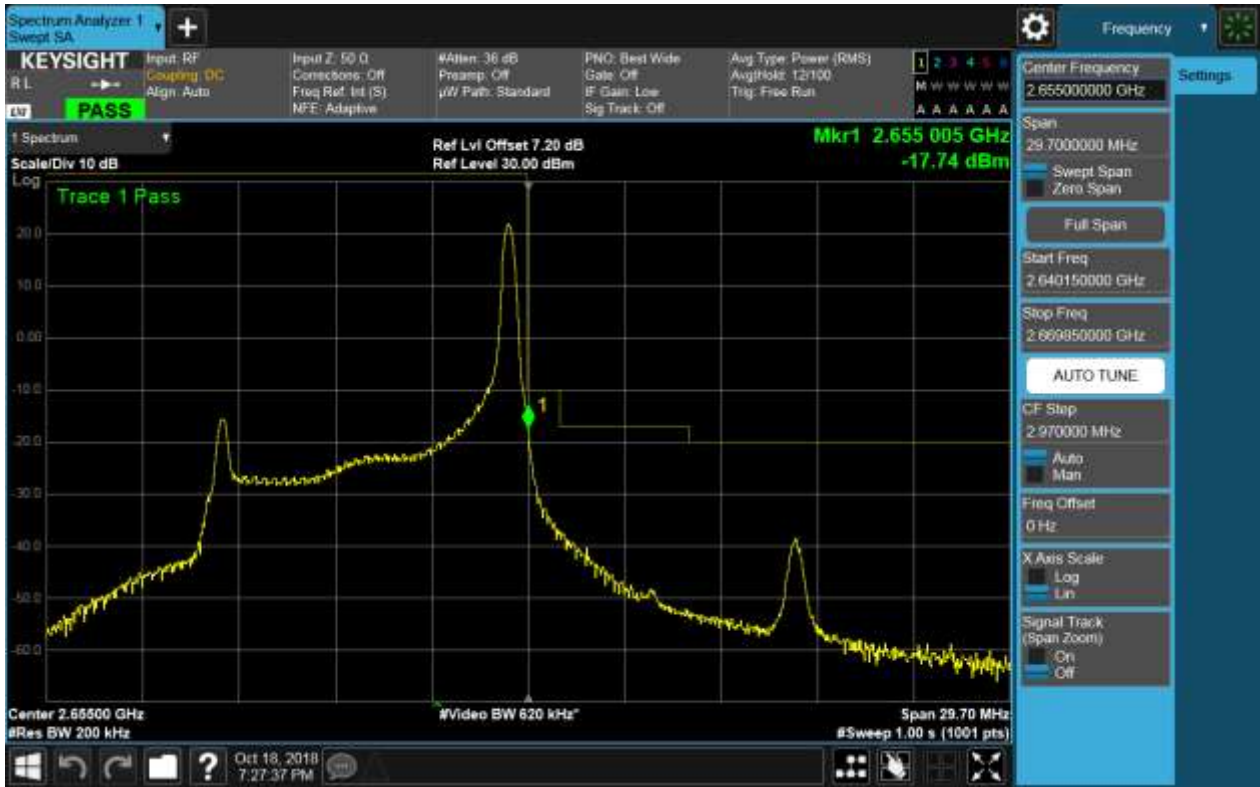
### 5.1.1.1.2.2 Test Channel = HCH

#### 5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#49



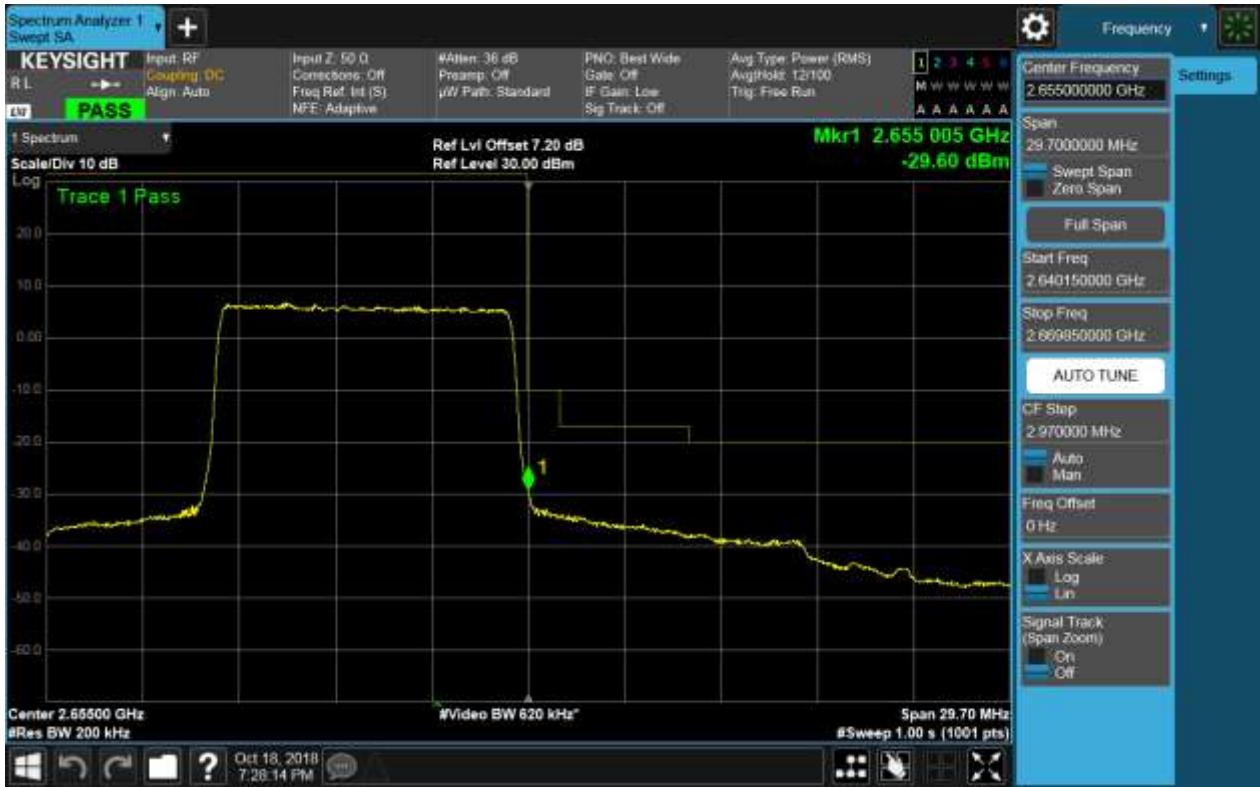


5.1.1.1.2.3 Test RB = RB25#13





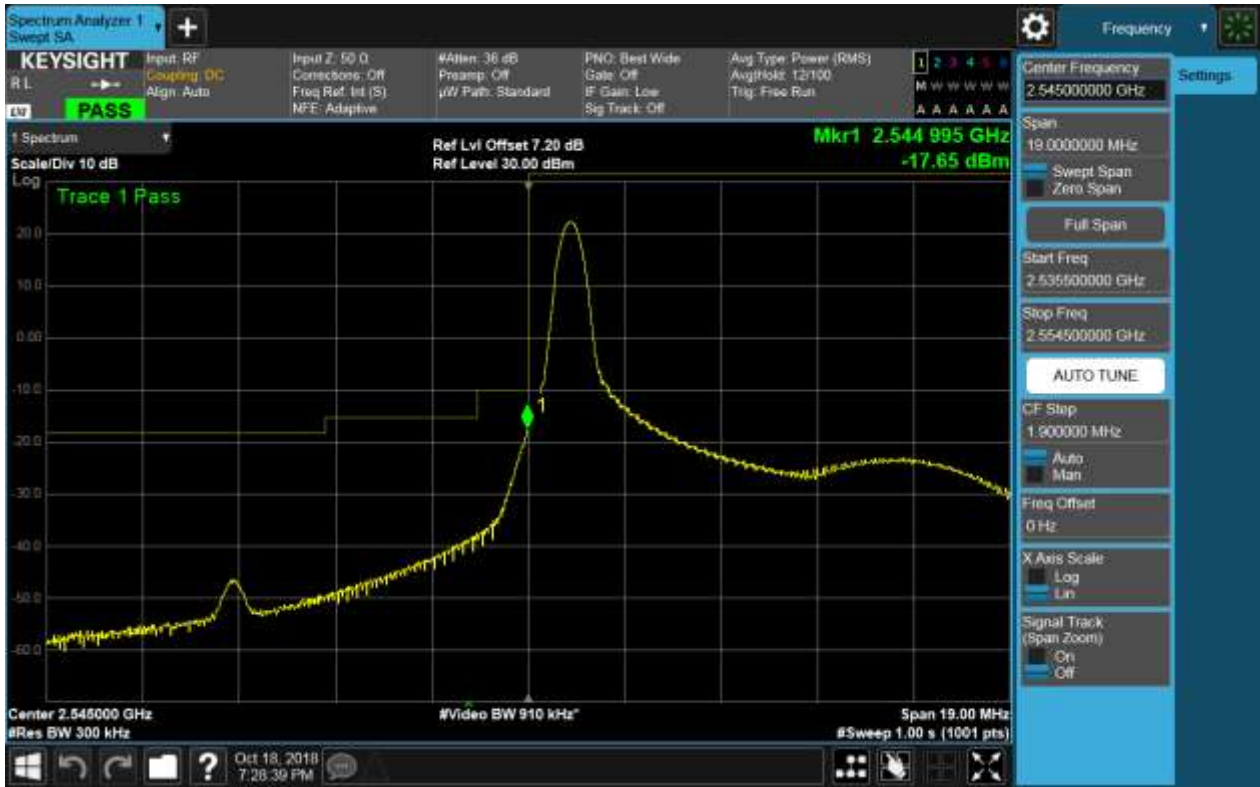
5.1.1.1.2.2.4 Test RB = RB50#0



### 5.1.1.1.3 Test Bandwidth = 15

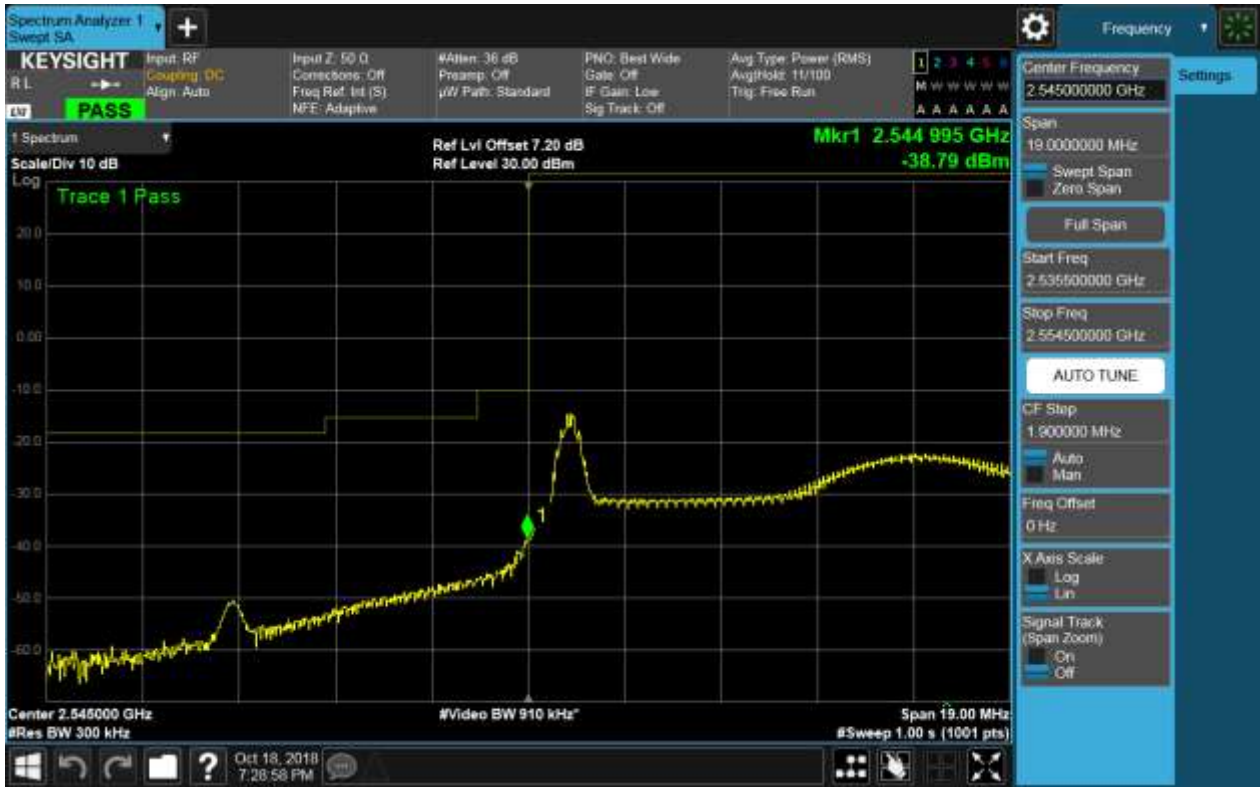
#### 5.1.1.1.3.1 Test Channel = LCH

##### 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







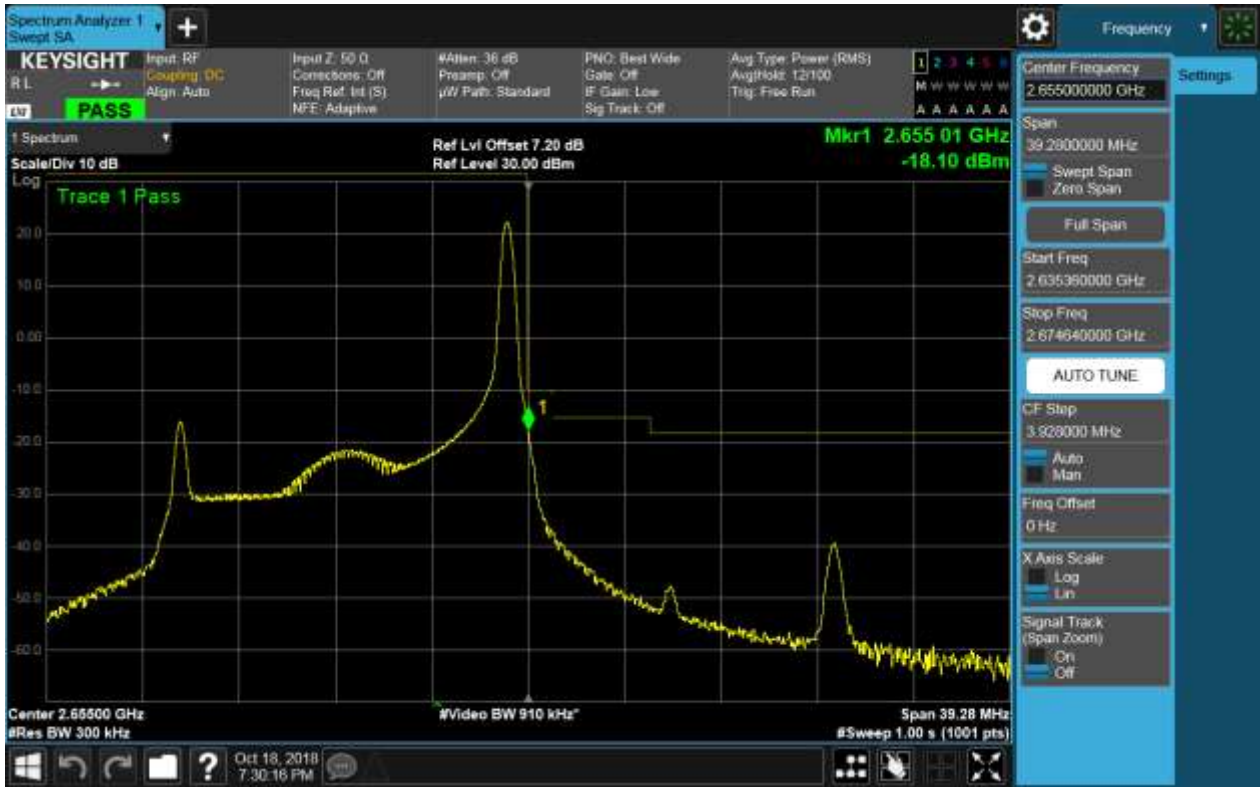
### 5.1.1.1.3.2 Test Channel = HCH

#### 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





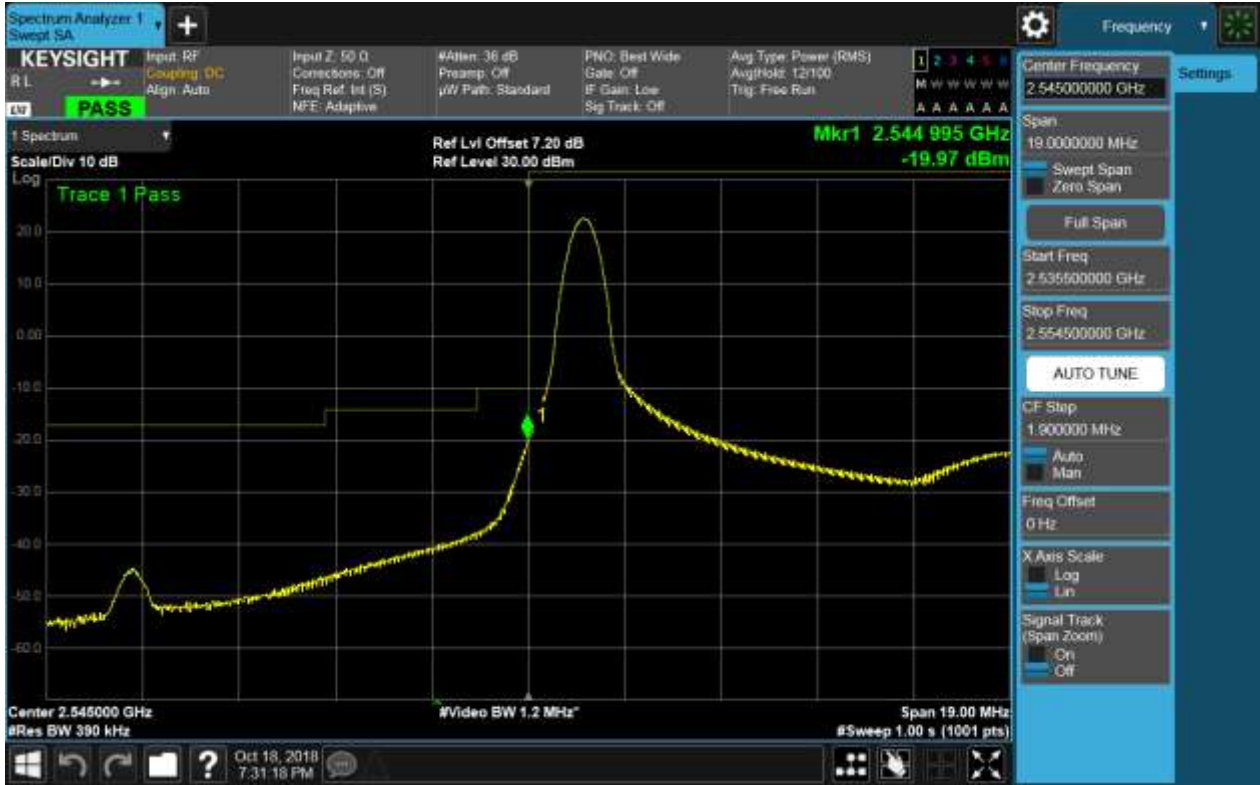
5.1.1.1.3.2.4 Test RB = RB75#0



### 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





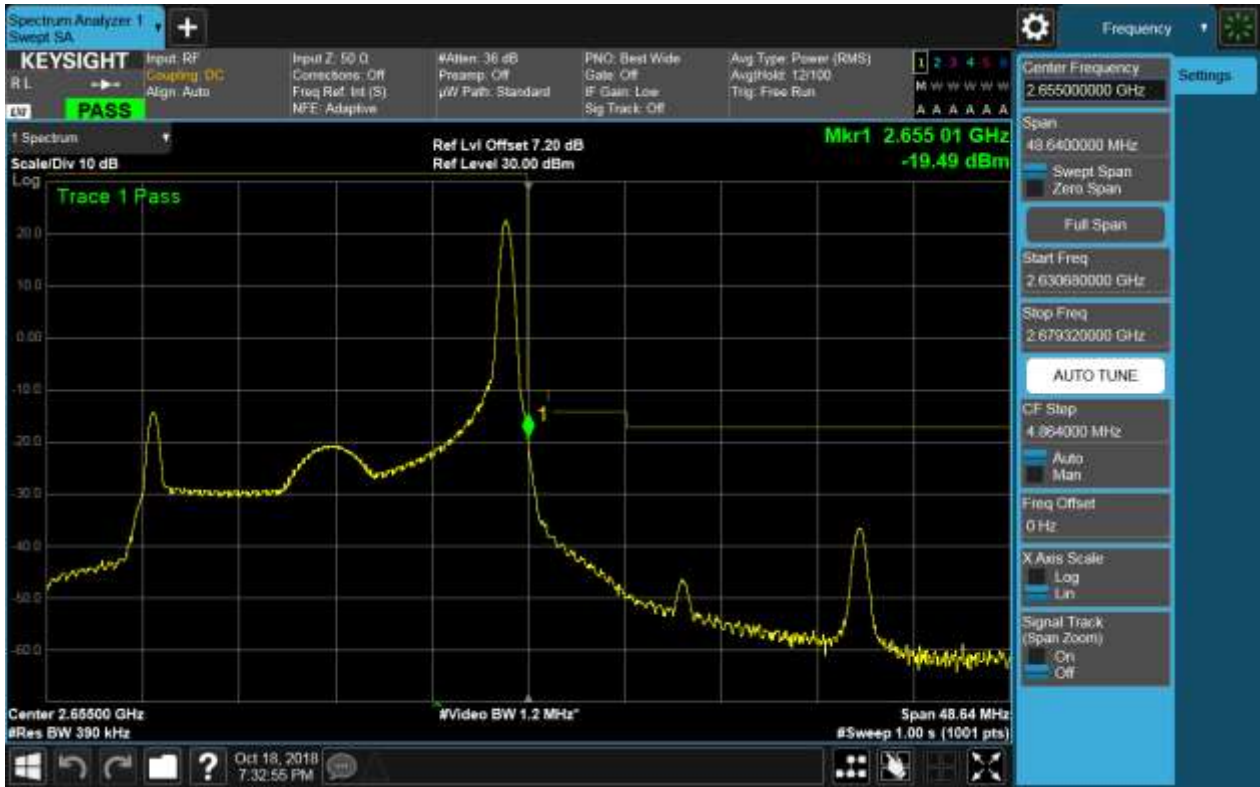
### 5.1.1.1.4.2 Test Channel = HCH

#### 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

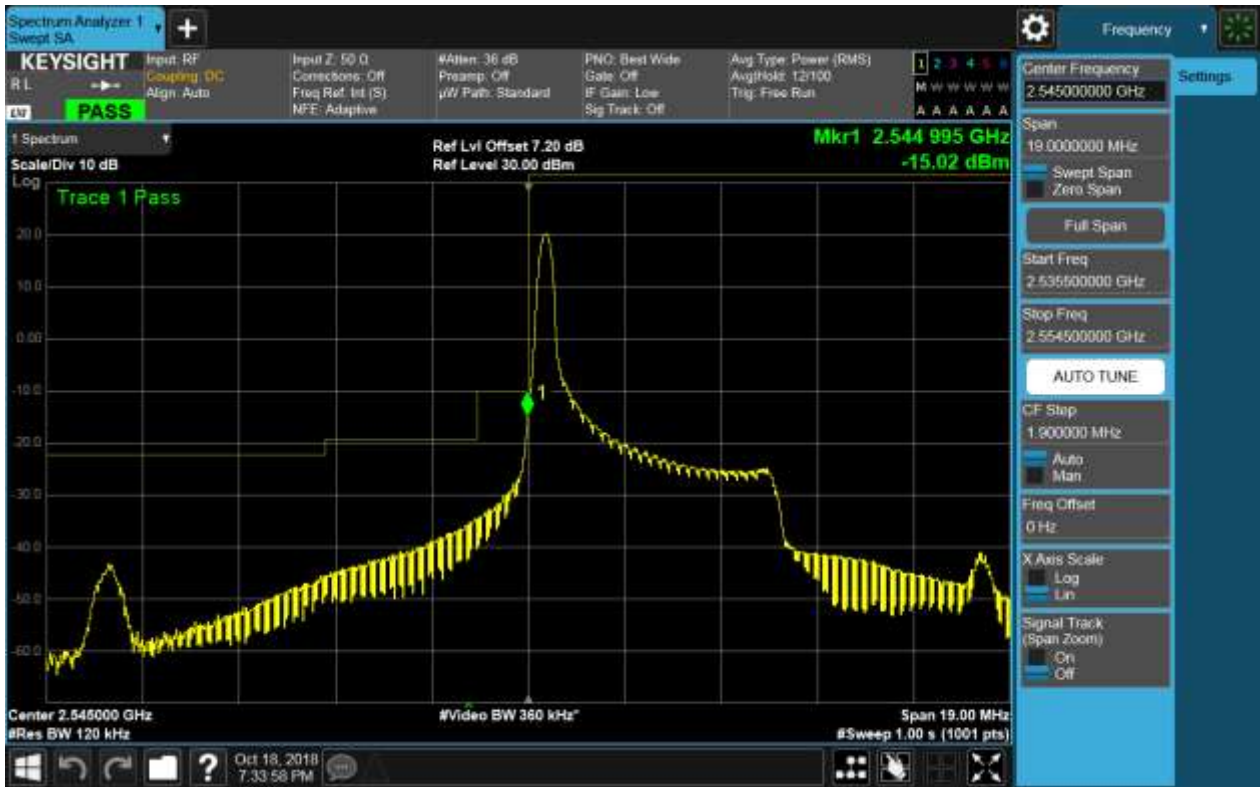


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

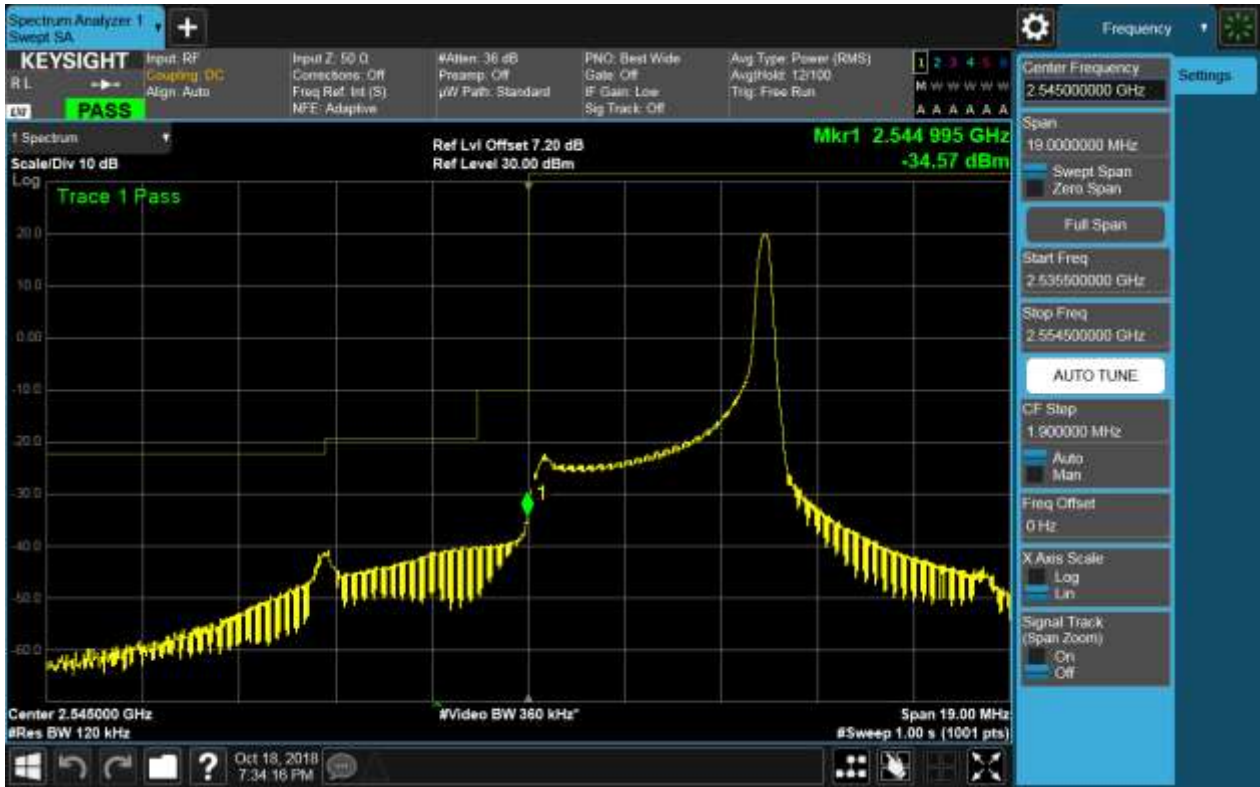
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



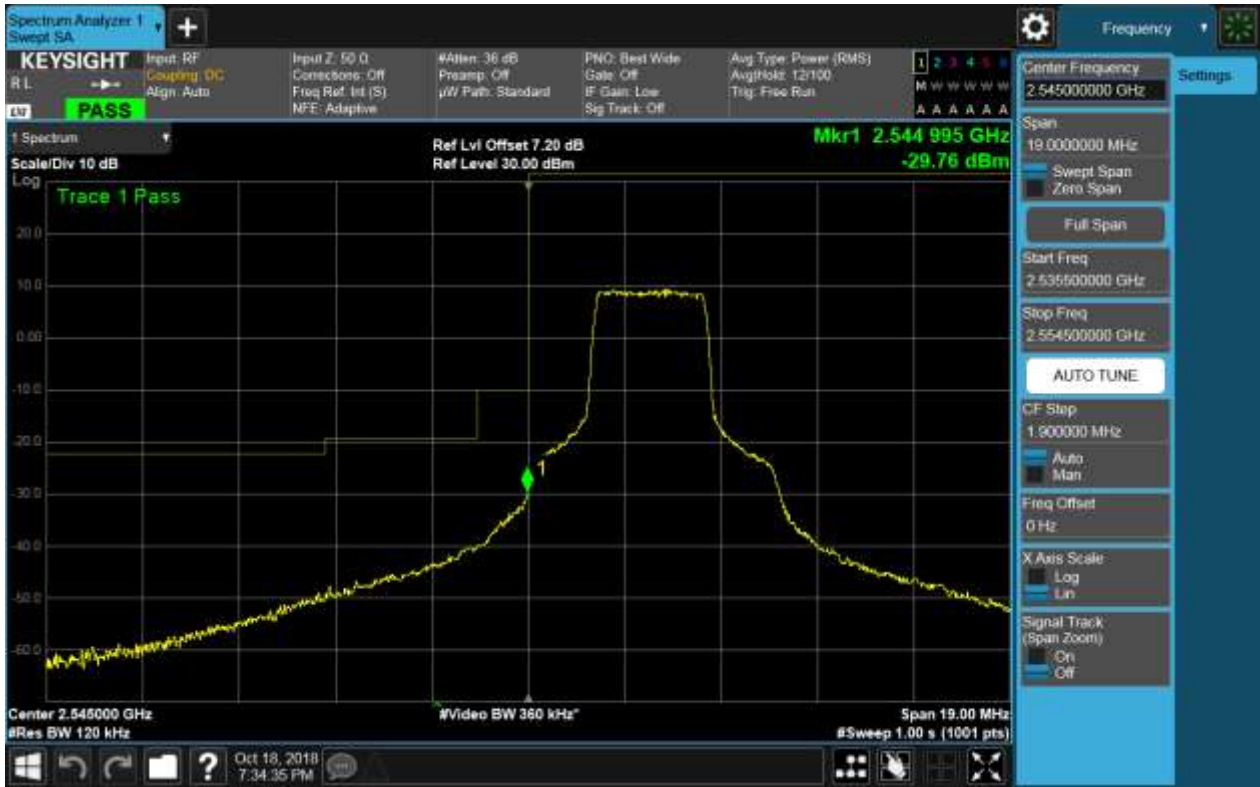


5.1.1.2.1.1.2 Test RB = RB1#24





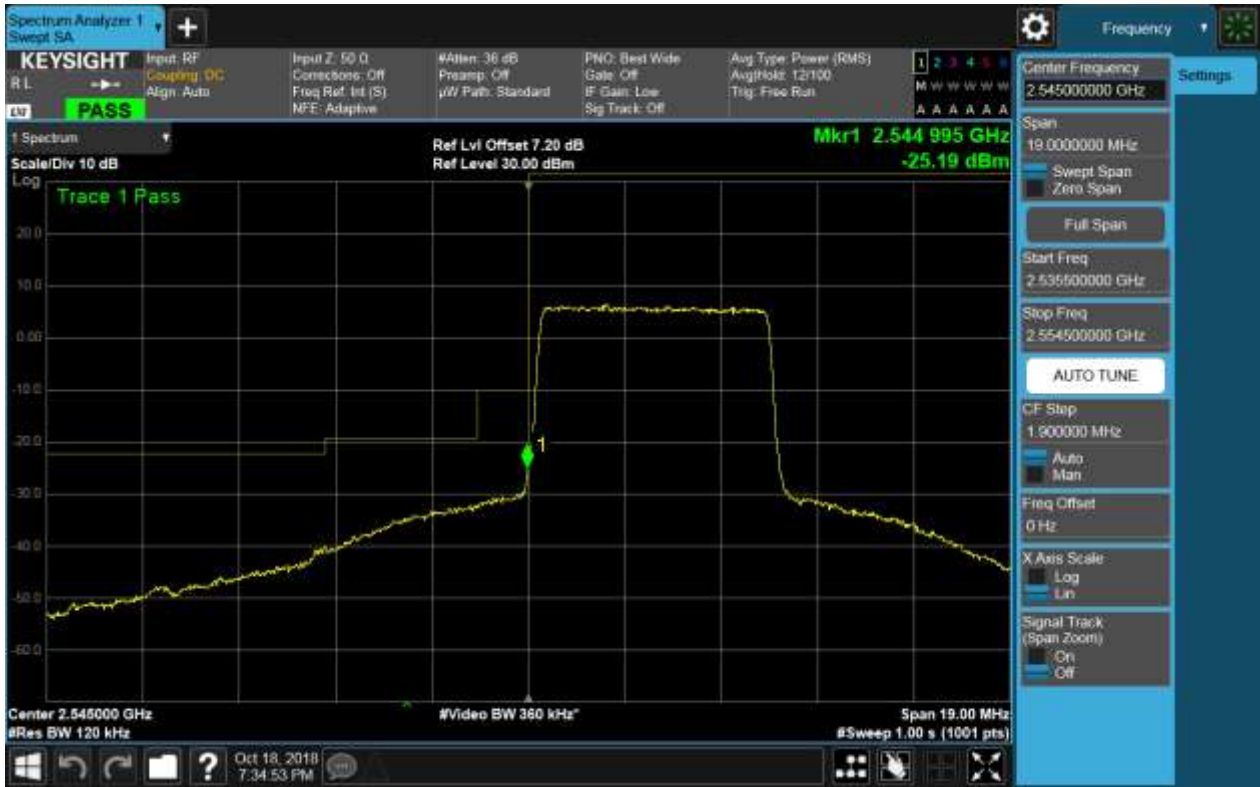
5.1.1.2.1.1.3 Test RB = RB12#6







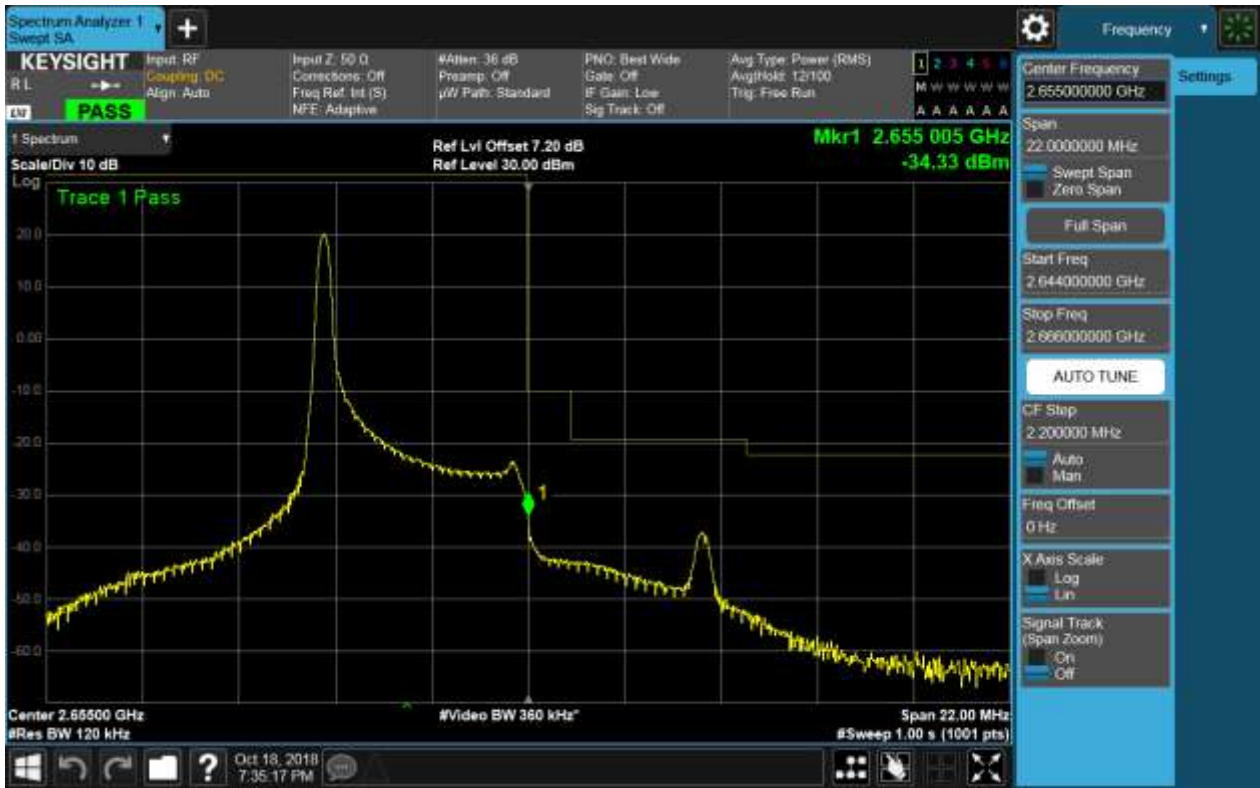
5.1.1.2.1.1.4 Test RB = RB25#0





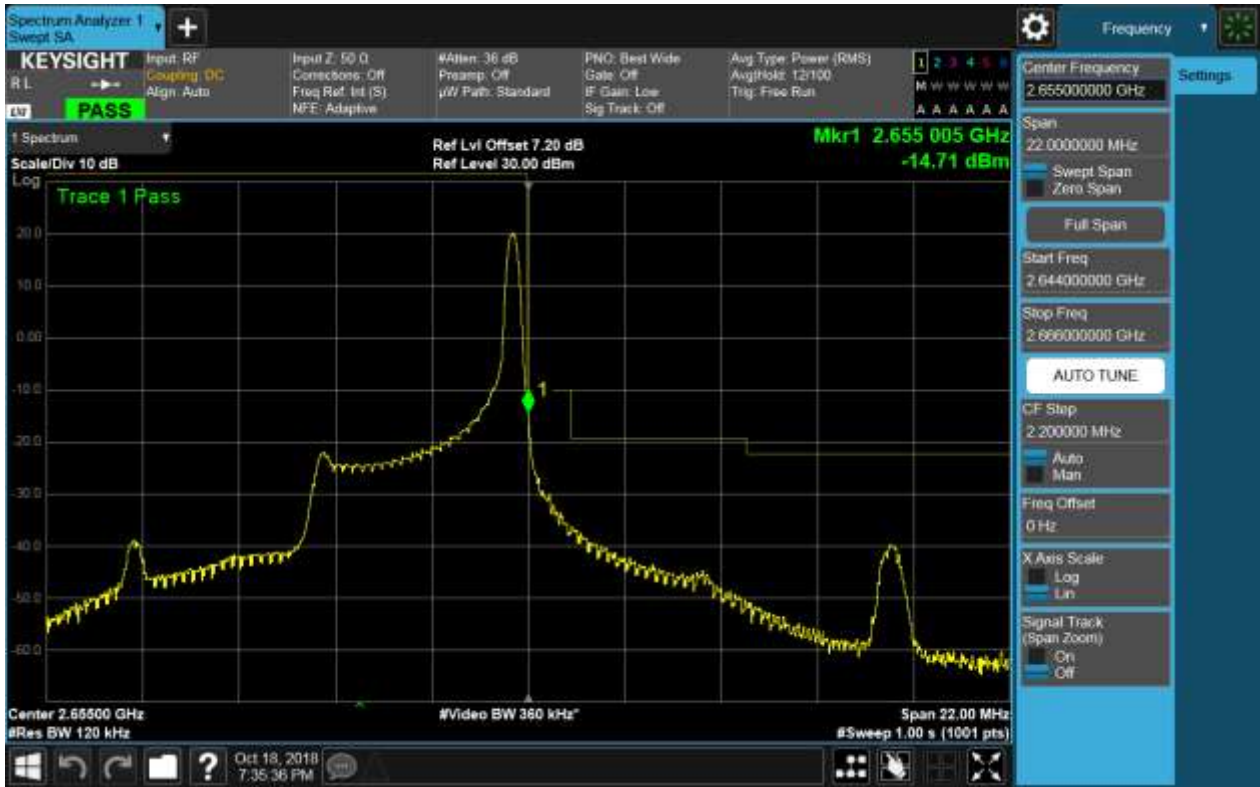
### 5.1.1.2.1.2 Test Channel = HCH

#### 5.1.1.2.1.2.1 Test RB = RB1#0



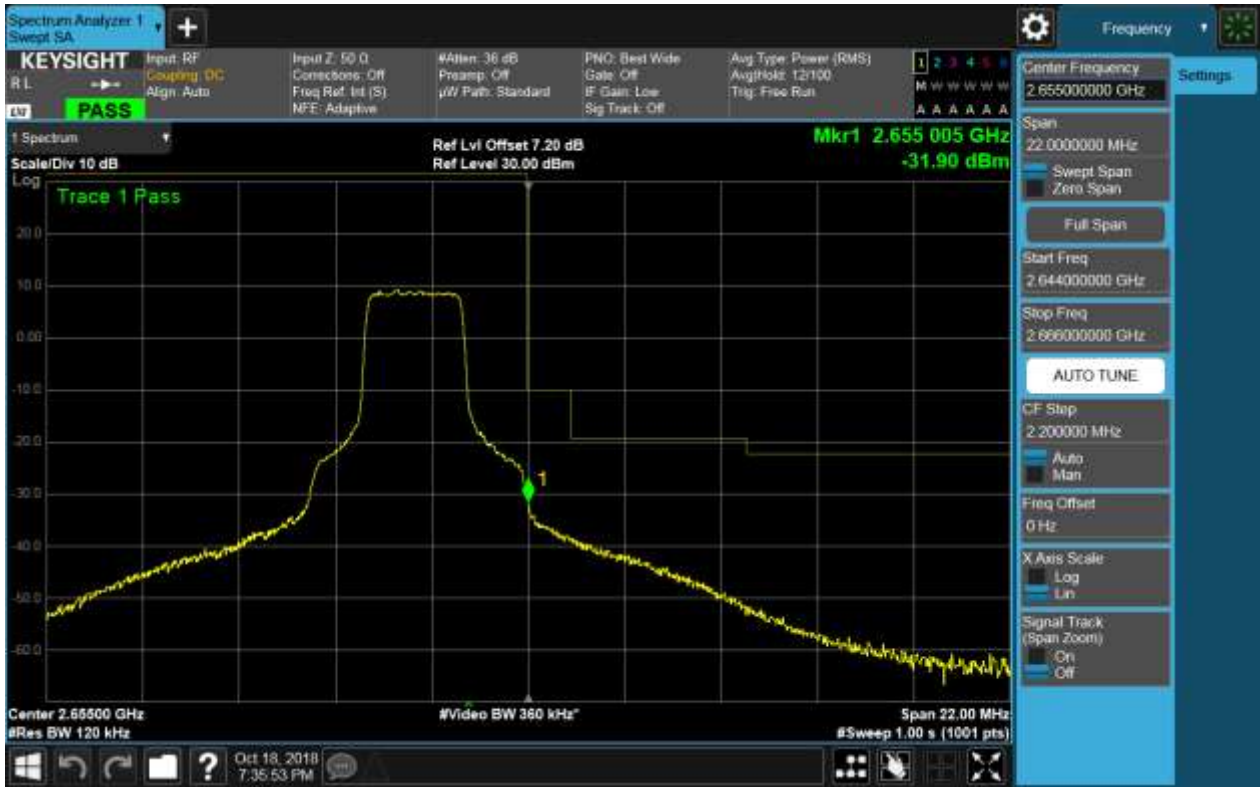


5.1.1.2.1.2.2 Test RB = RB1#24



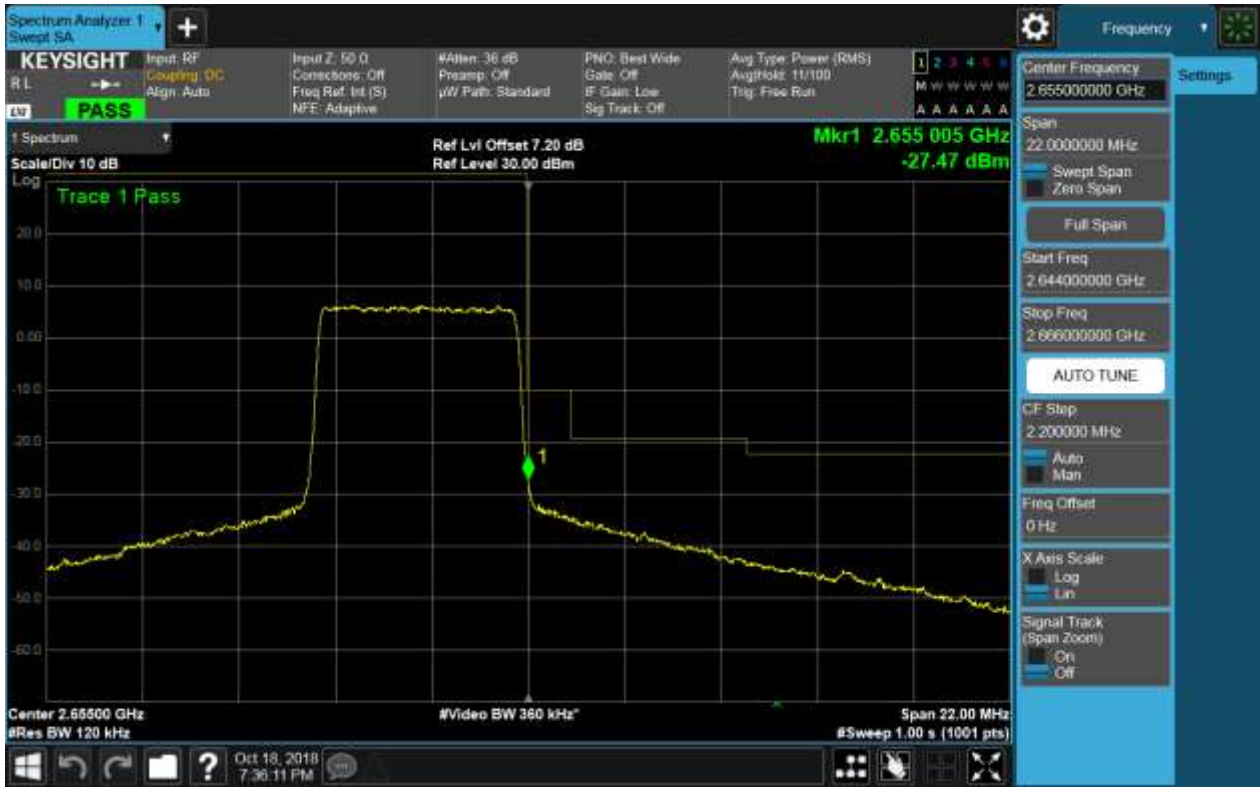


5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

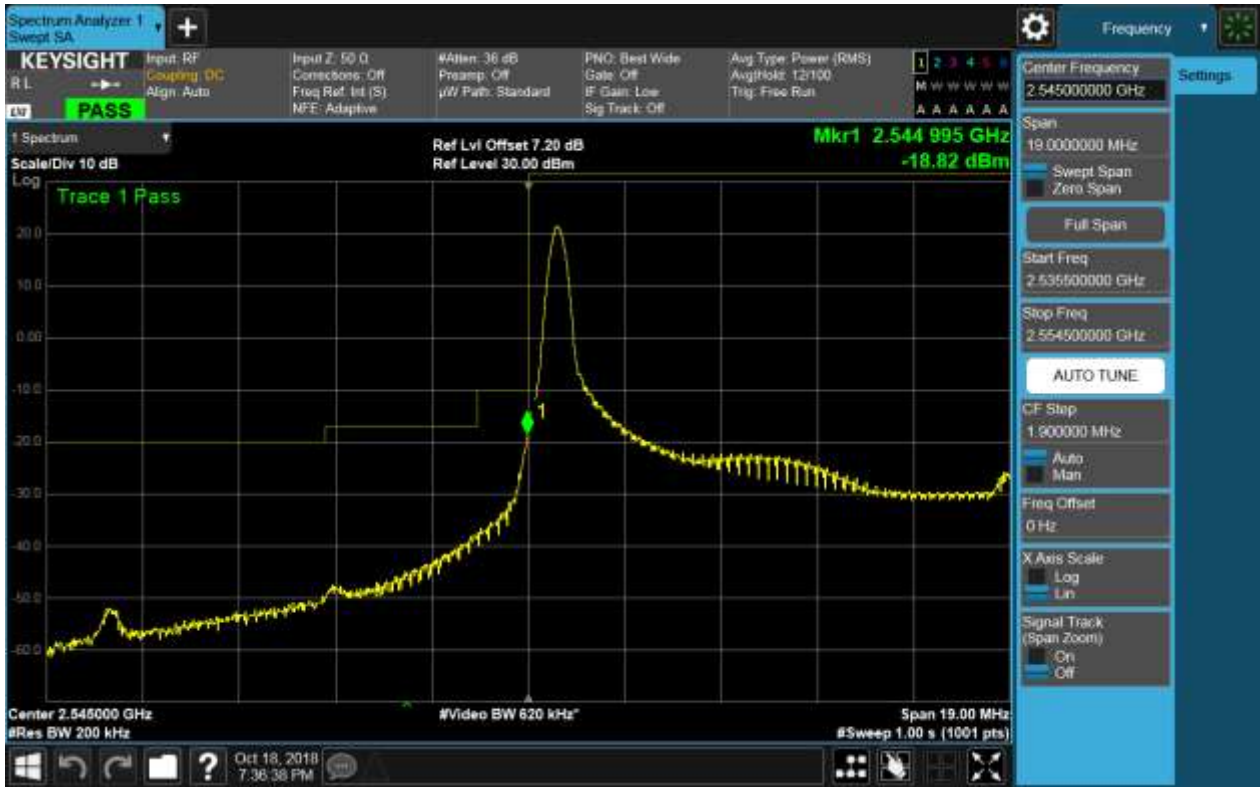




5.1.1.2.2 Test Bandwidth = 10

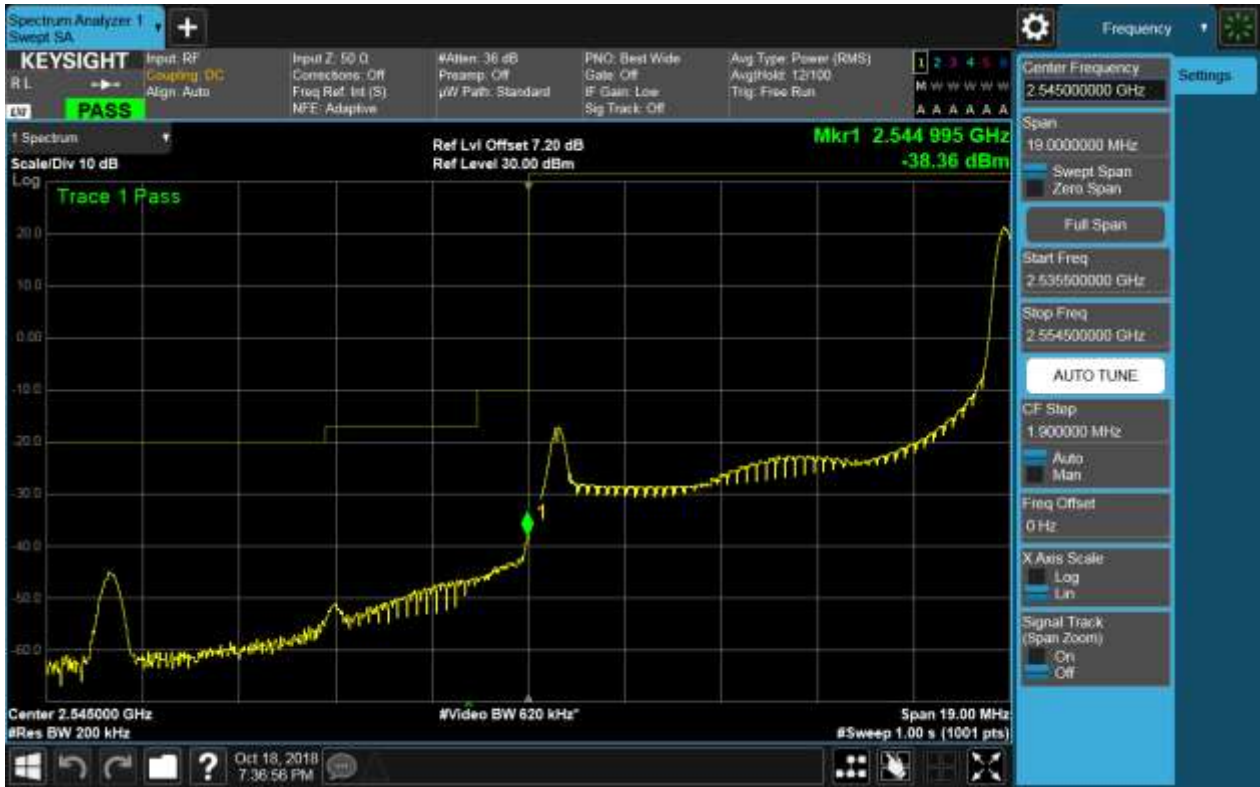
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#49



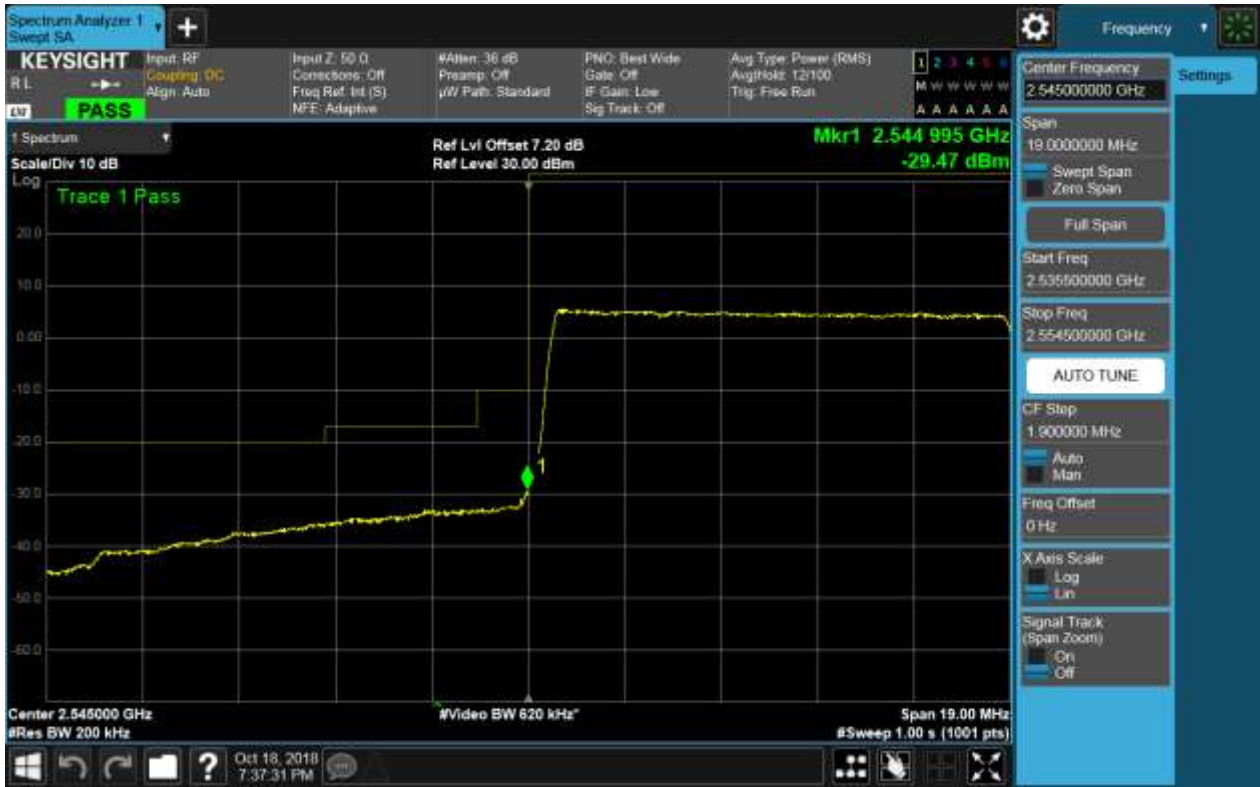


5.1.1.2.2.1.3 Test RB = RB25#13



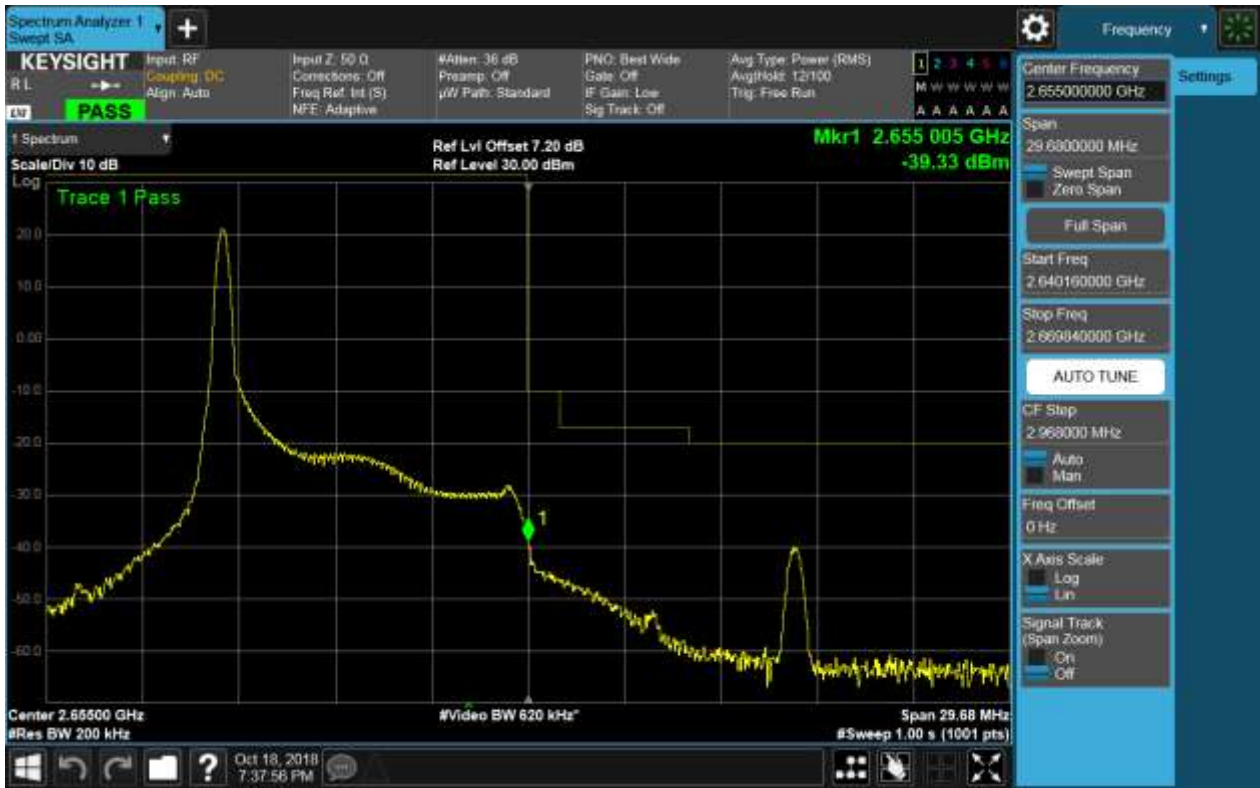


### 5.1.1.2.2.1.4 Test RB = RB50#0



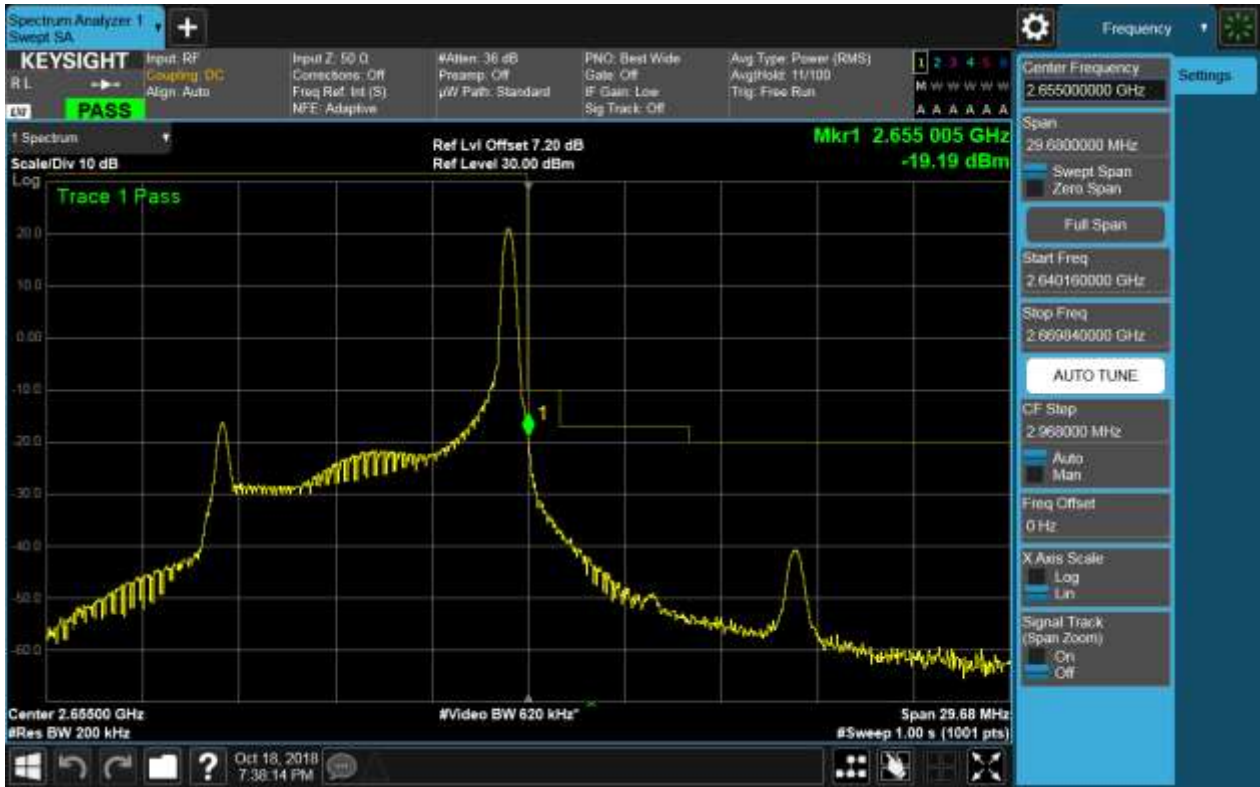
### 5.1.1.2.2.2 Test Channel = HCH

#### 5.1.1.2.2.2.1 Test RB = RB1#0



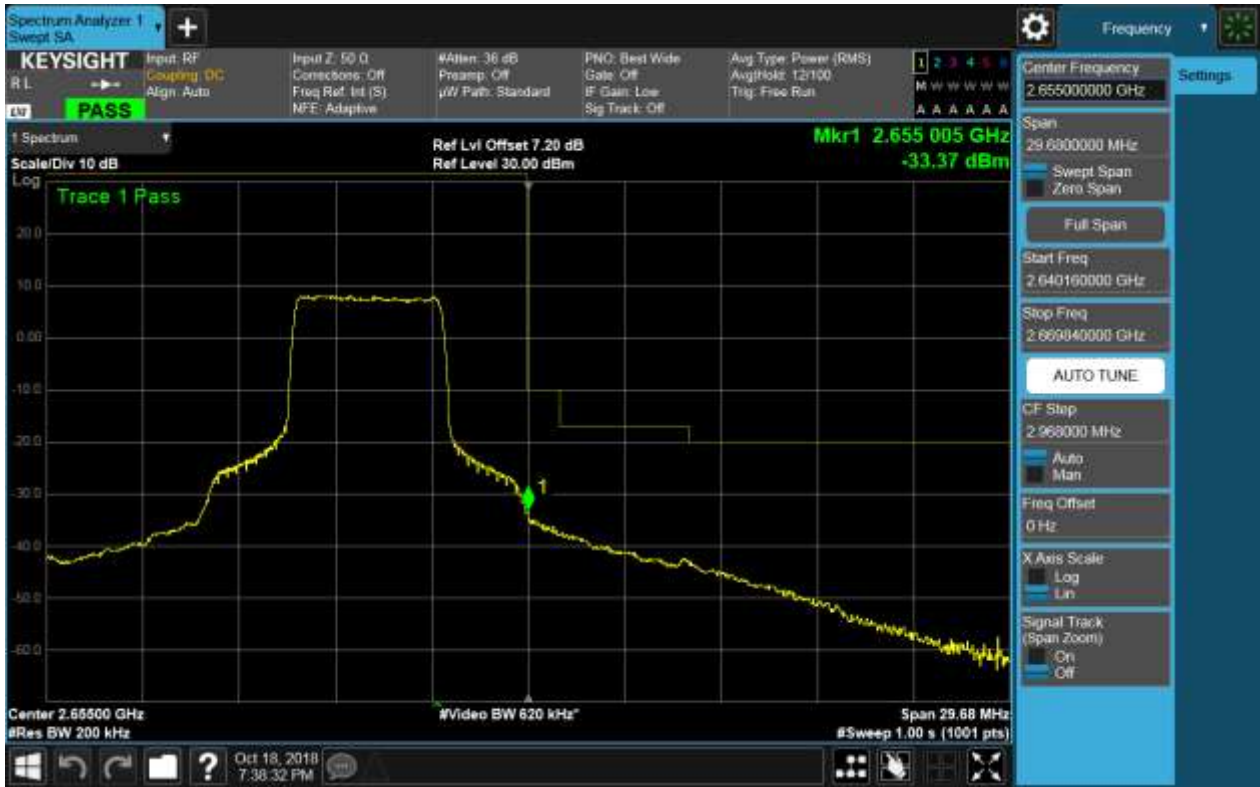


5.1.1.2.2.2 Test RB = RB1#49



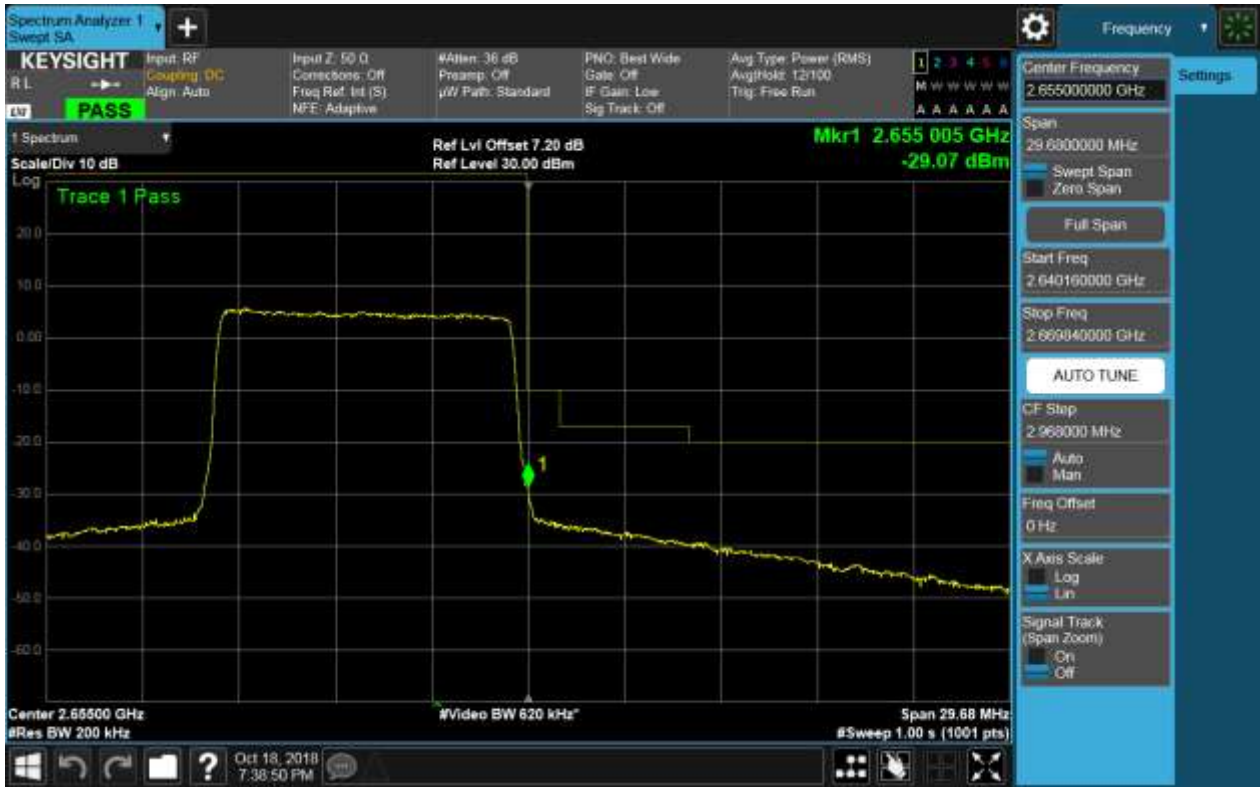


5.1.1.2.2.3 Test RB = RB25#13





5.1.1.2.2.4 Test RB = RB50#0

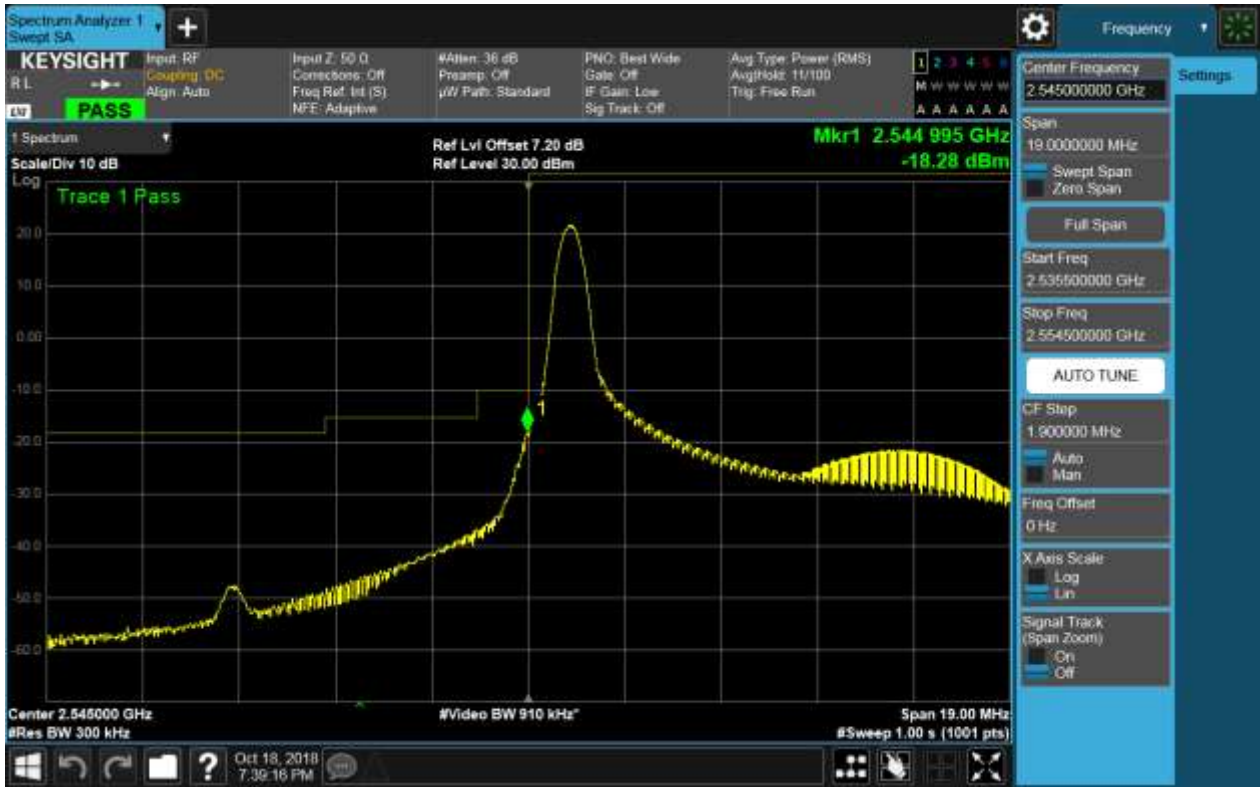




### 5.1.1.2.3 Test Bandwidth = 15

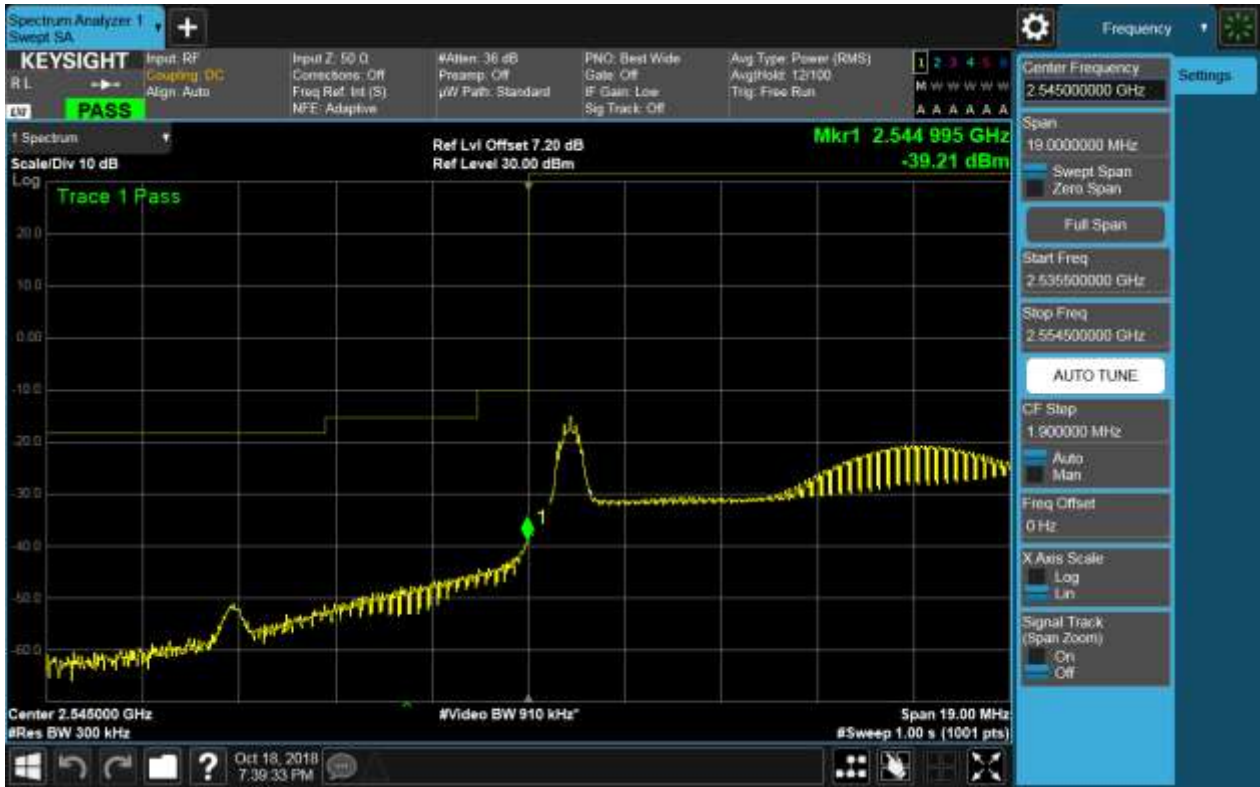
#### 5.1.1.2.3.1 Test Channel = LCH

##### 5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#74







5.1.1.2.3.1.3 Test RB = RB36#18





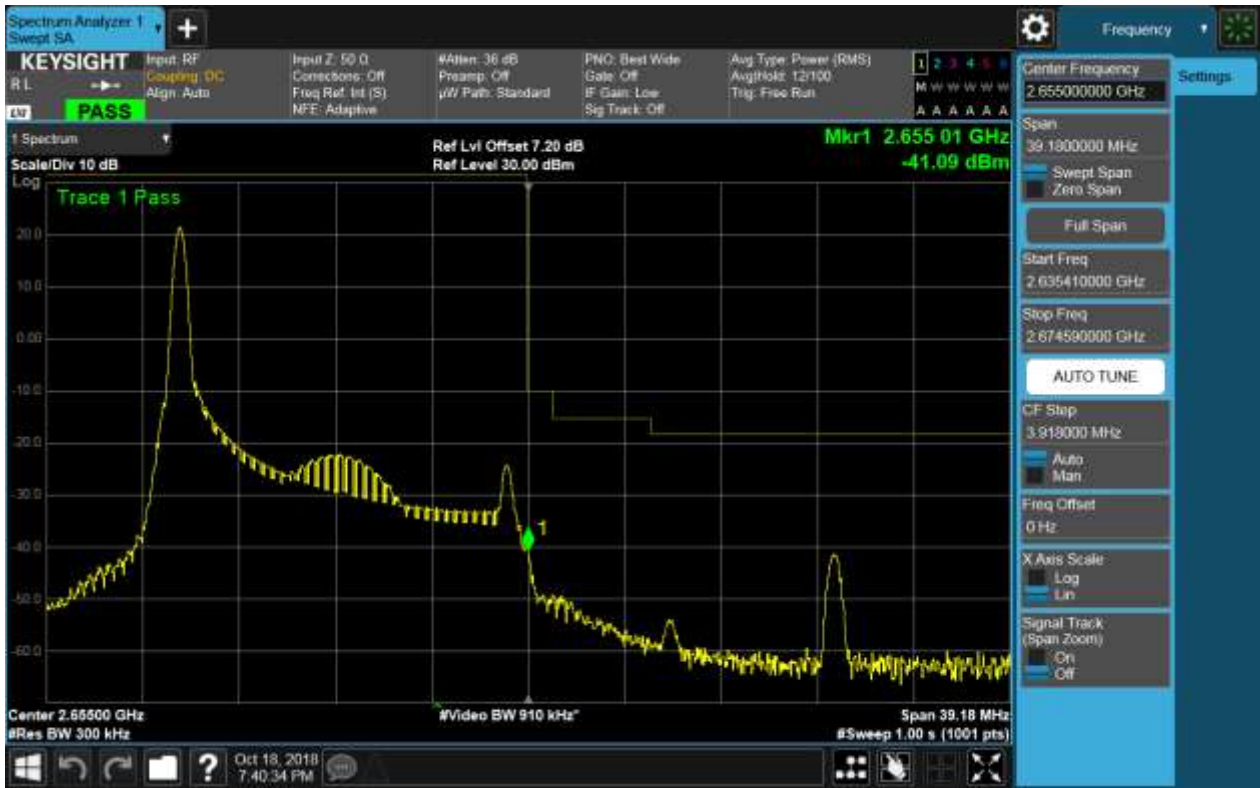
5.1.1.2.3.1.4 Test RB = RB75#0





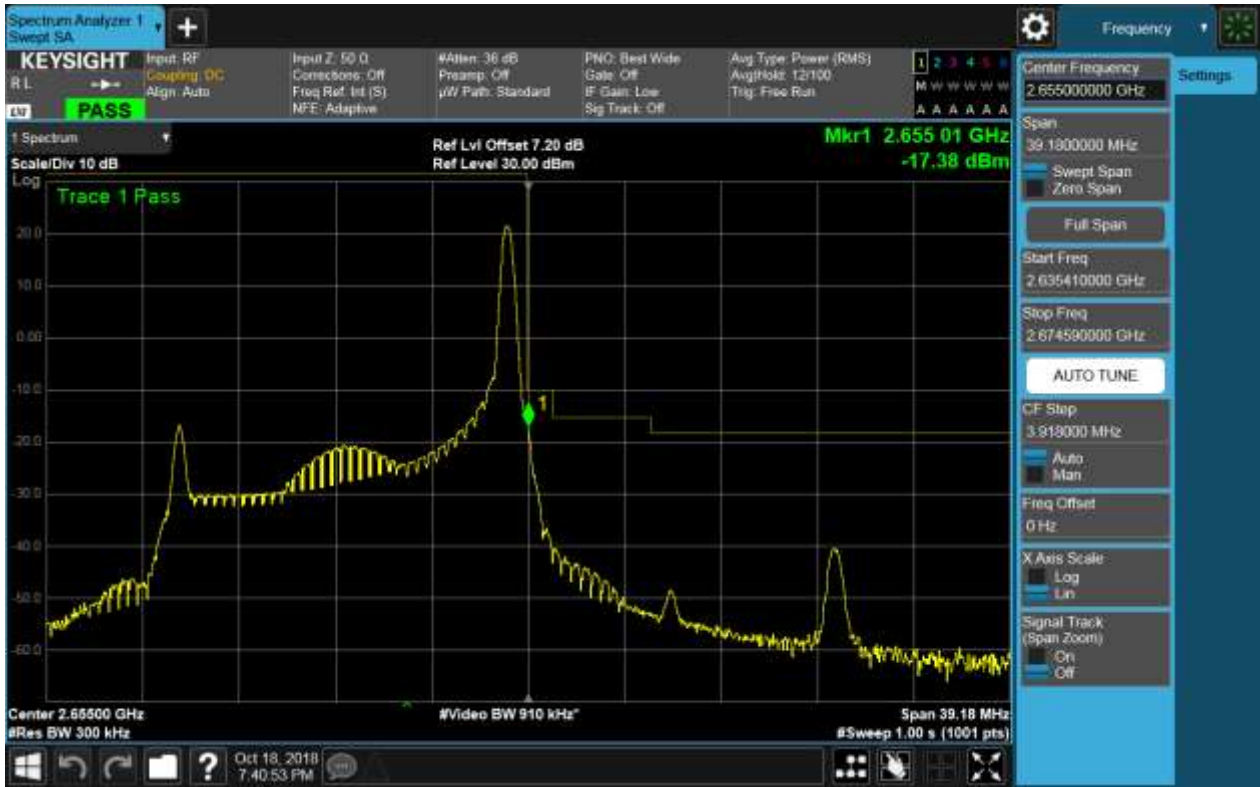
### 5.1.1.2.3.2 Test Channel = HCH

#### 5.1.1.2.3.2.1 Test RB = RB1#0



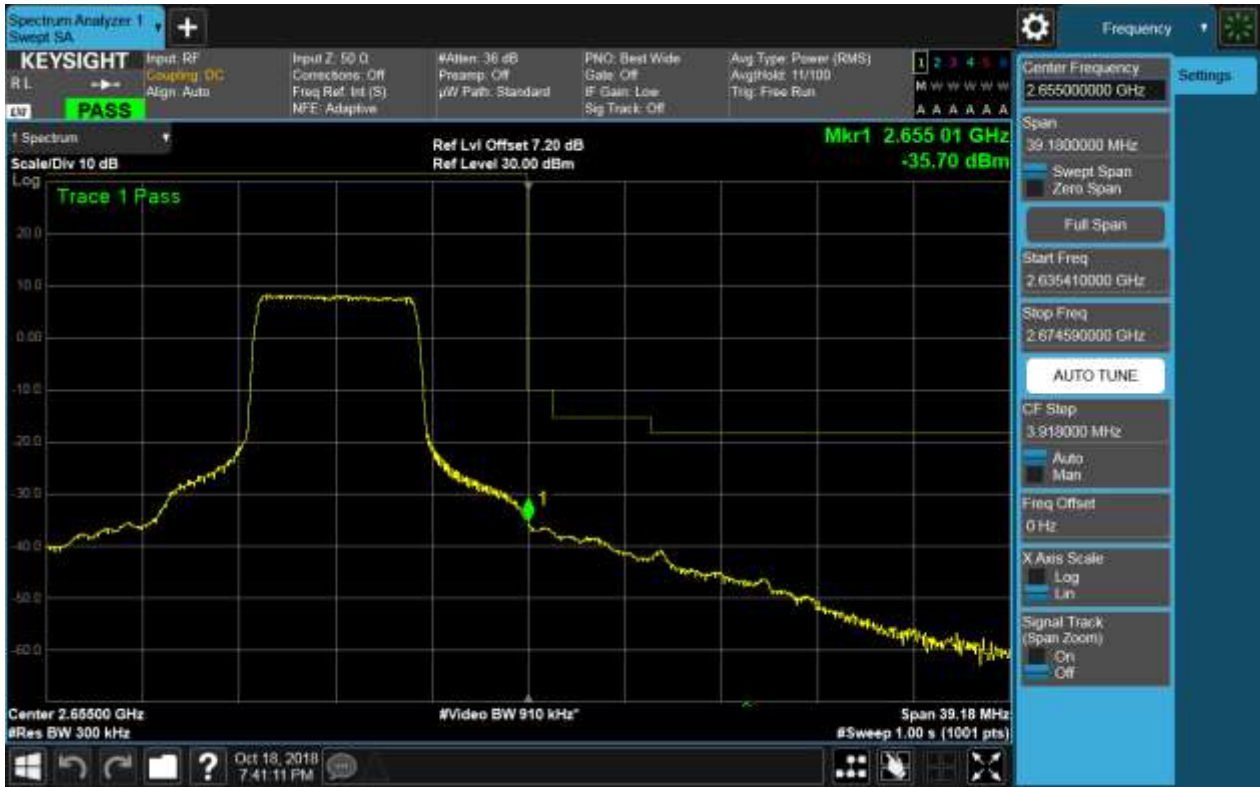


5.1.1.2.3.2.2 Test RB = RB1#74





5.1.1.2.3.2.3 Test RB = RB36#18





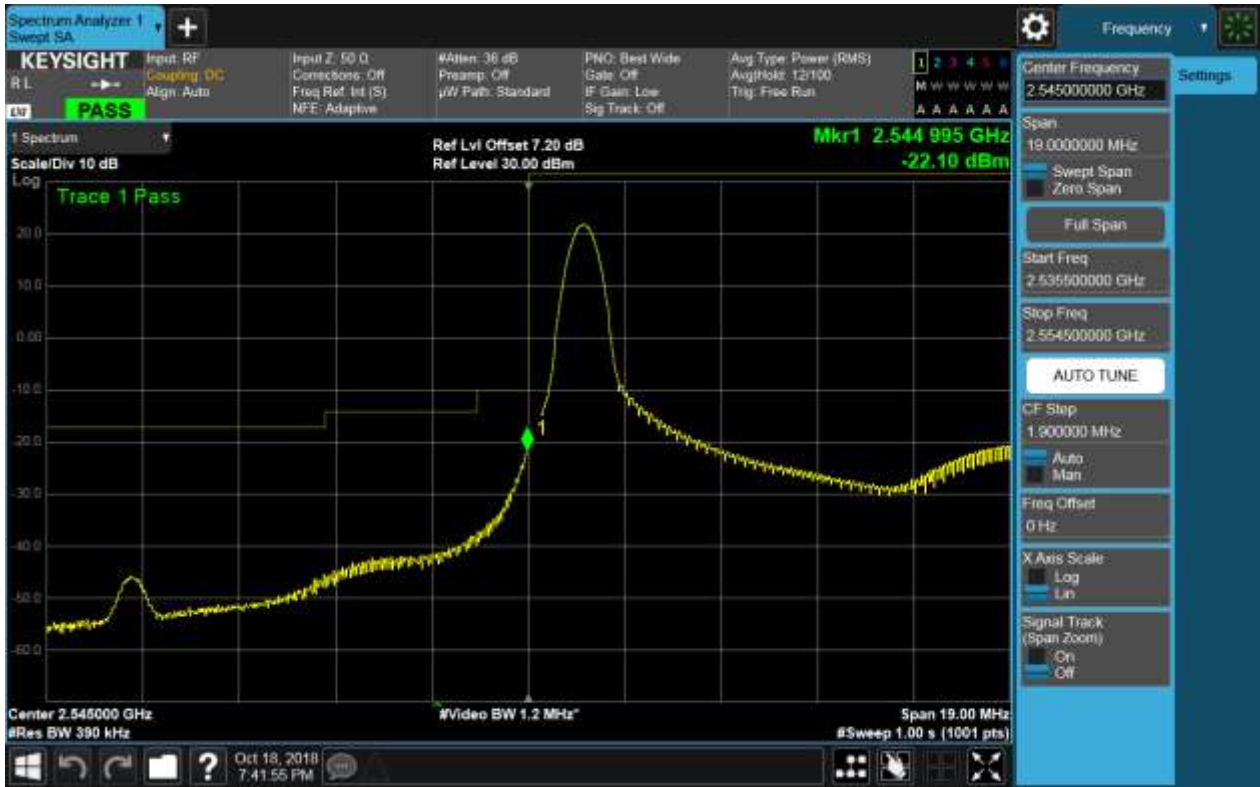
5.1.1.2.3.2.4 Test RB = RB75#0



### 5.1.1.2.4 Test Bandwidth = 20

#### 5.1.1.2.4.1 Test Channel = LCH

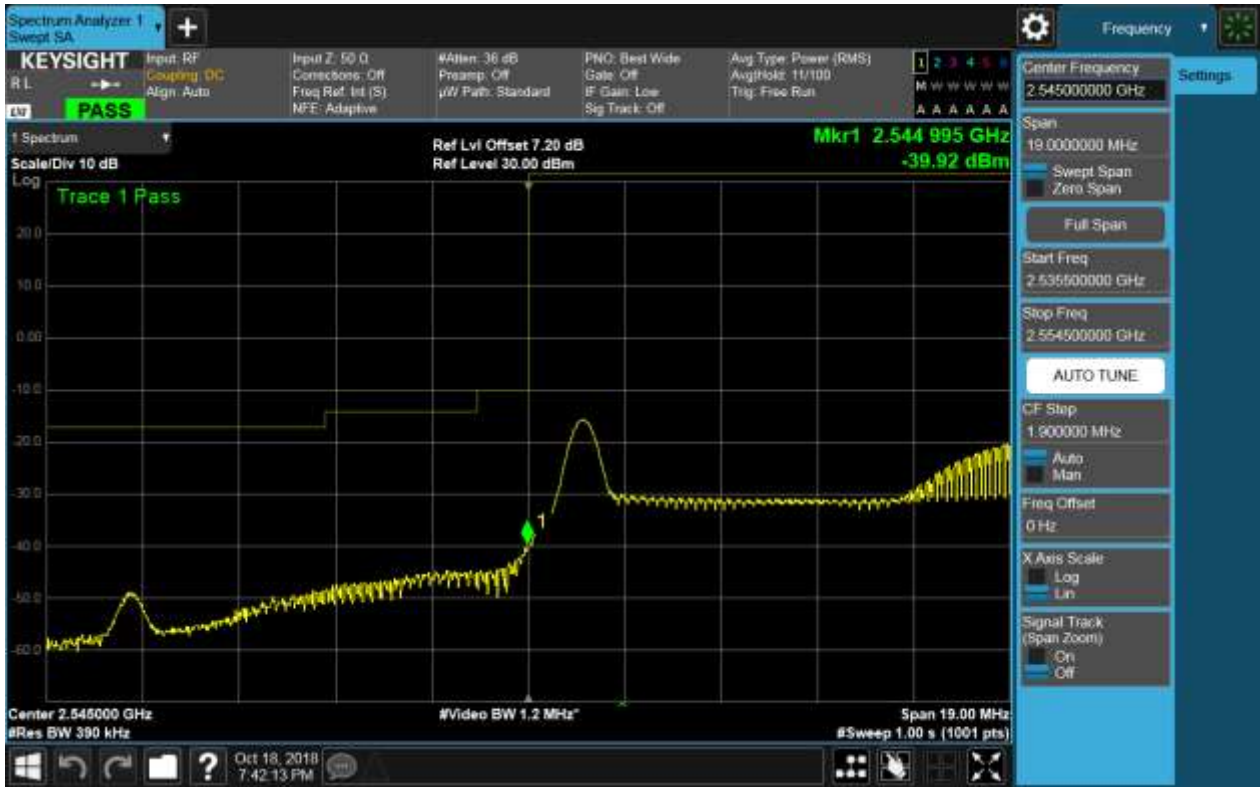
##### 5.1.1.2.4.1.1 Test RB = RB1#0





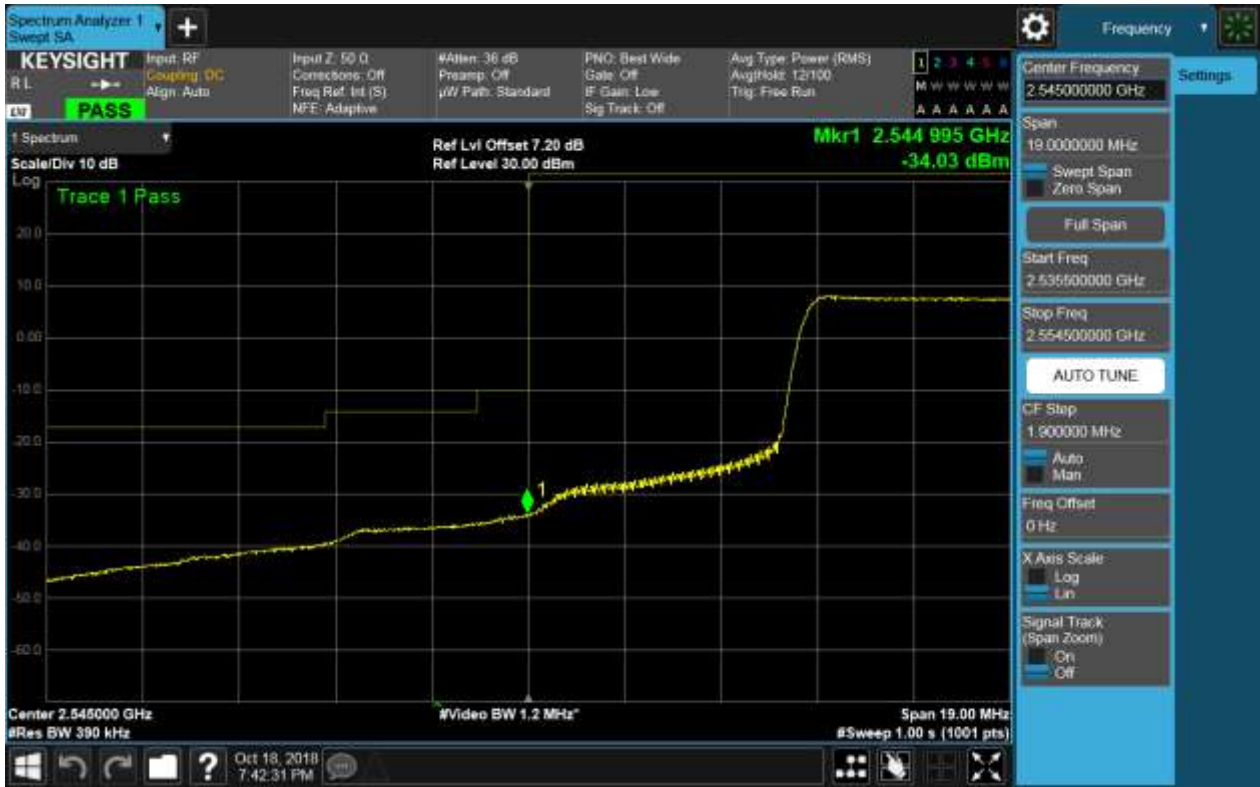


5.1.1.2.4.1.2 Test RB = RB1#99





5.1.1.2.4.1.3 Test RB = RB50#25



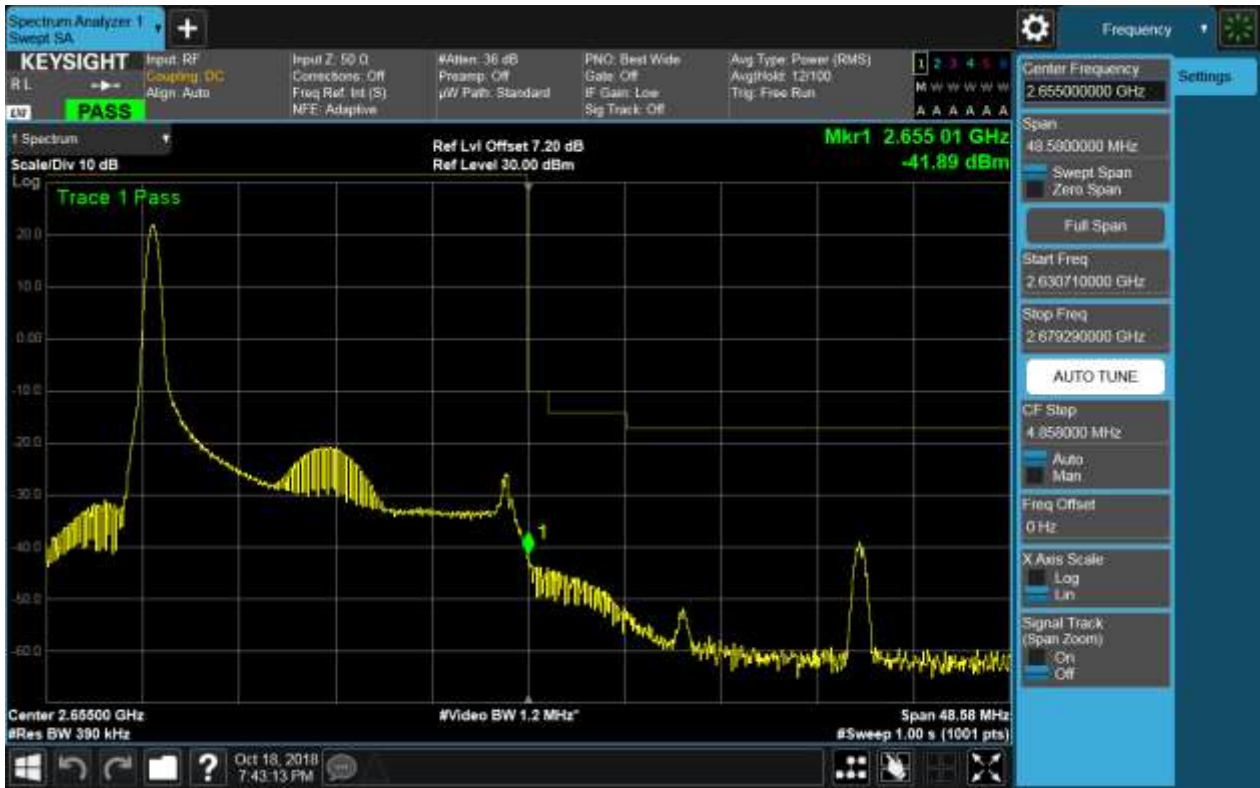


5.1.1.2.4.1.4 Test RB = RB100#0

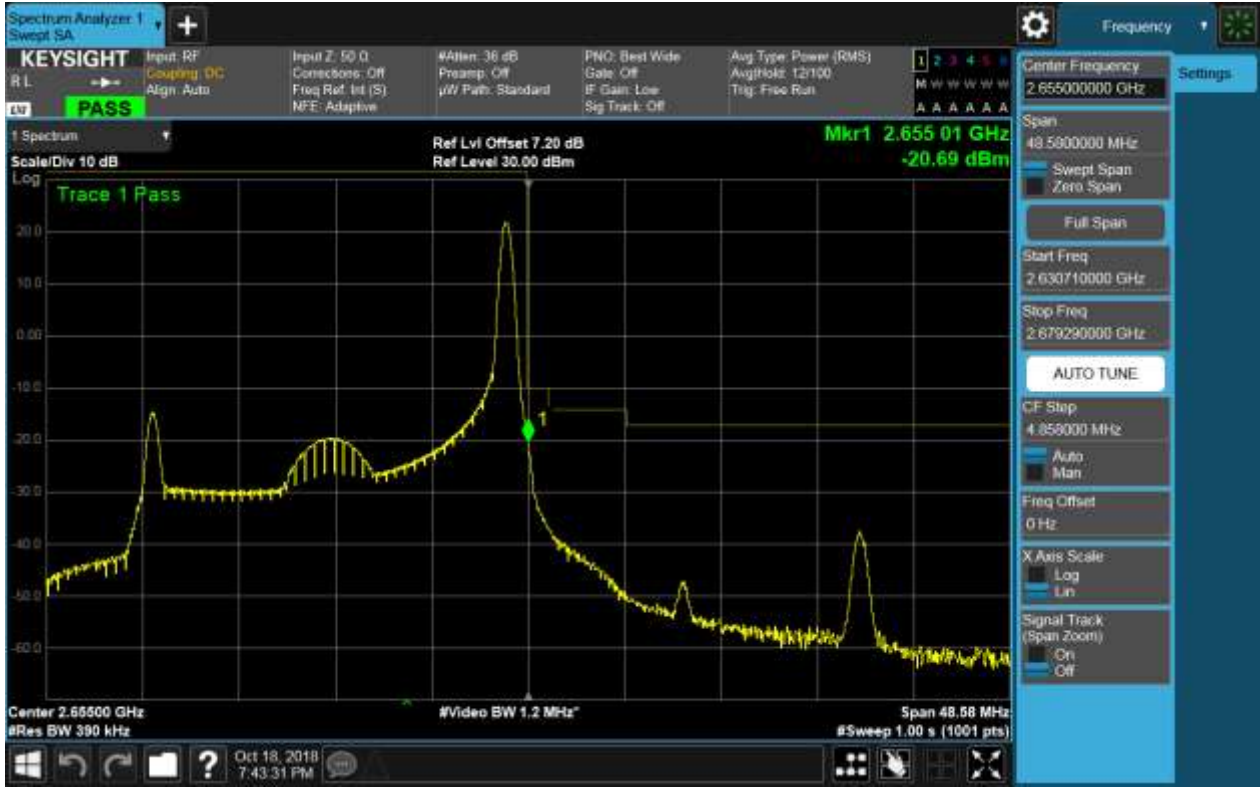


### 5.1.1.2.4.2 Test Channel = HCH

#### 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

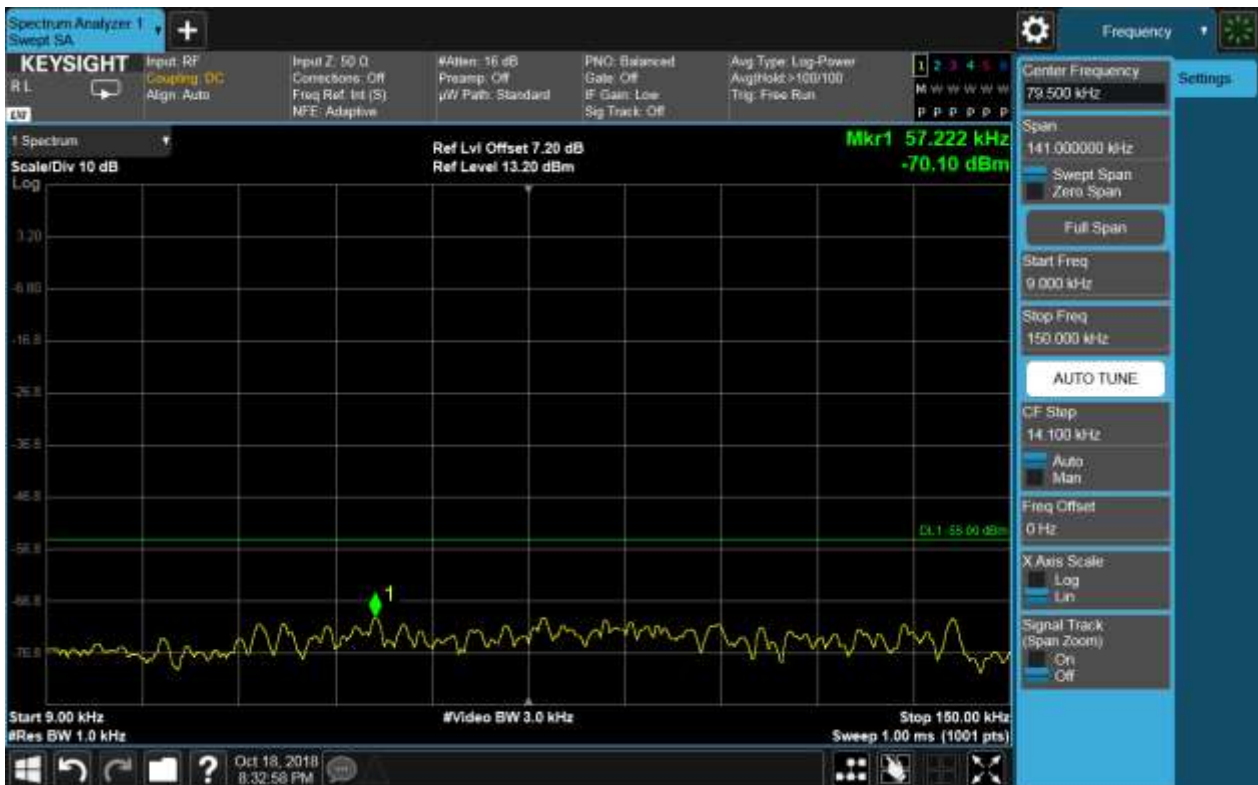
##### 6.1.1 Test Band = BAND41

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

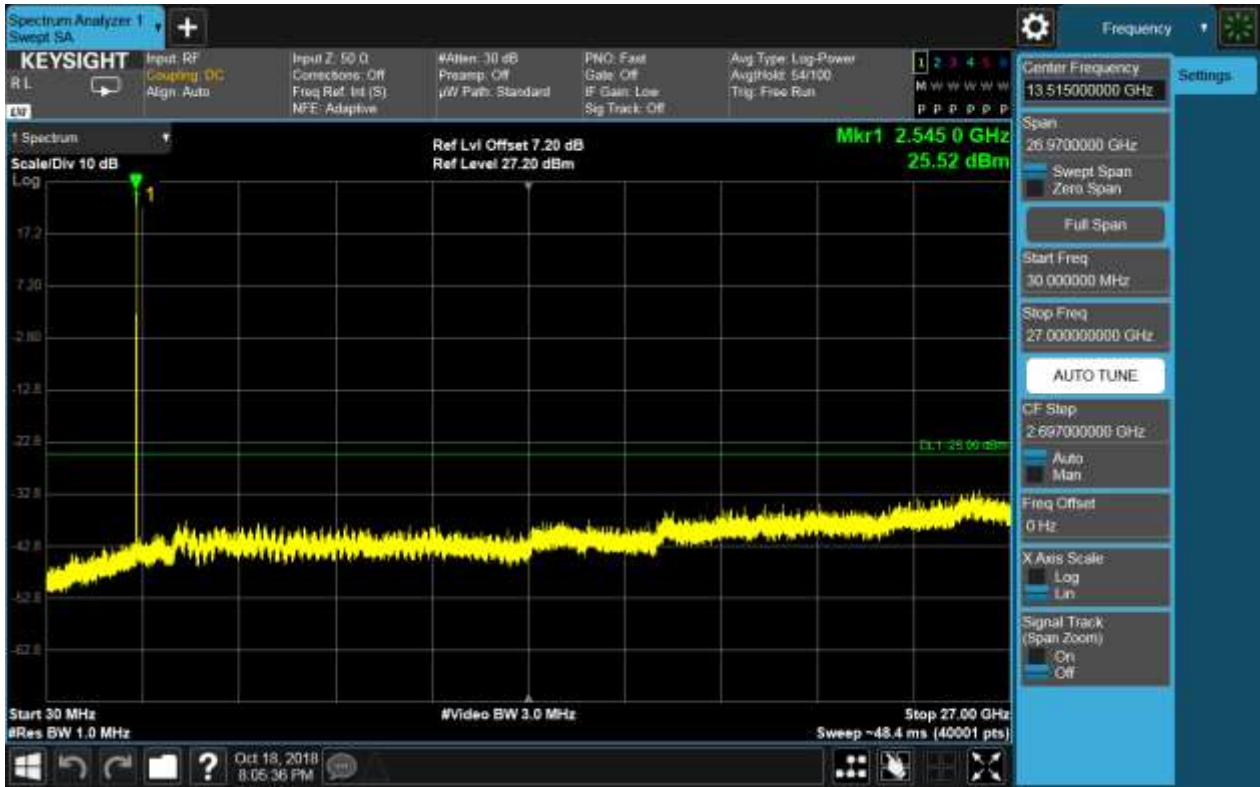
##### 6.1.1.1.1 Test Bandwidth = 5

##### 6.1.1.1.1.1 Test Channel = LCH

##### 6.1.1.1.1.1 Test RB = RB1#0





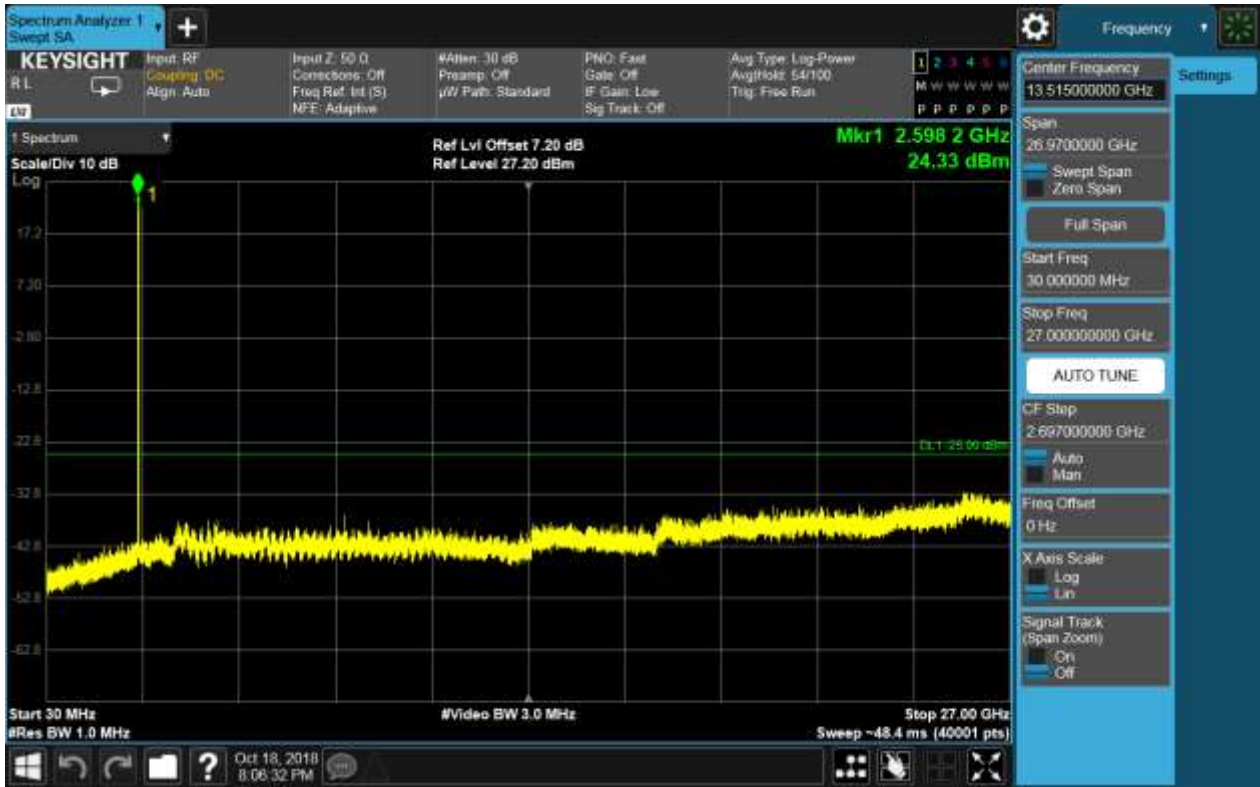


### 6.1.1.1.2 Test Channel = MCH

#### 6.1.1.1.2.1 Test RB = RB1#0







### 6.1.1.1.3 Test Channel = HCH

#### 6.1.1.1.3.1 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







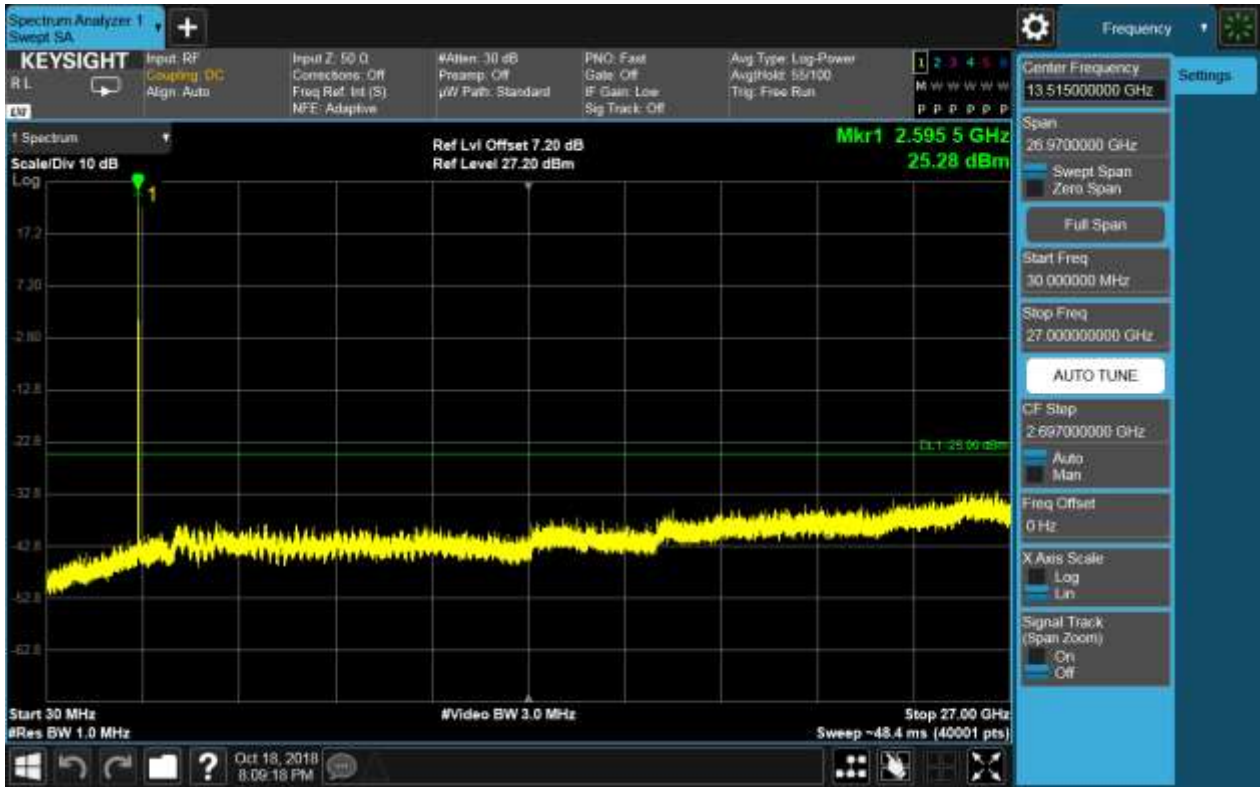
### 6.1.1.1.2.2 Test Channel = MCH

#### 6.1.1.1.2.2.1 Test RB = RB1#0







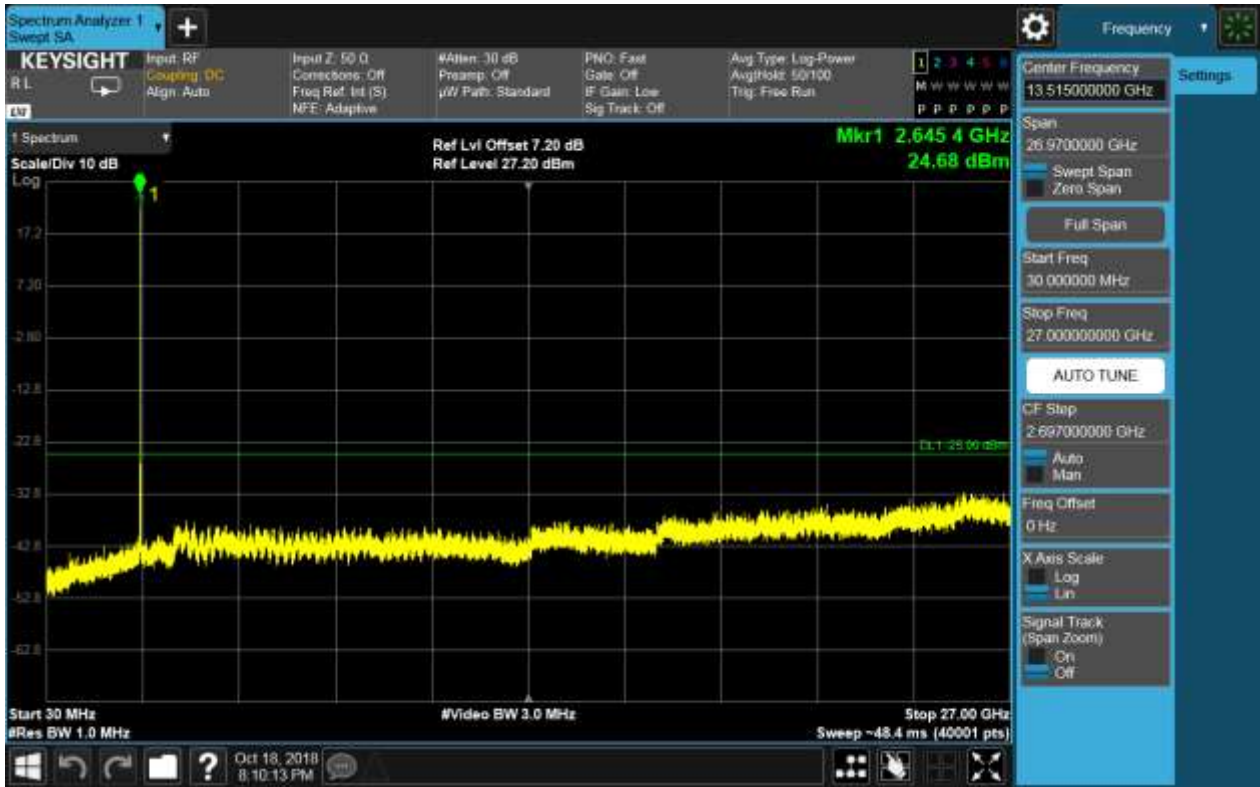


### 6.1.1.1.2.3 Test Channel = HCH

#### 6.1.1.1.2.3.1 Test RB = RB1#0







6.1.1.1.3 Test Bandwidth = 15

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0







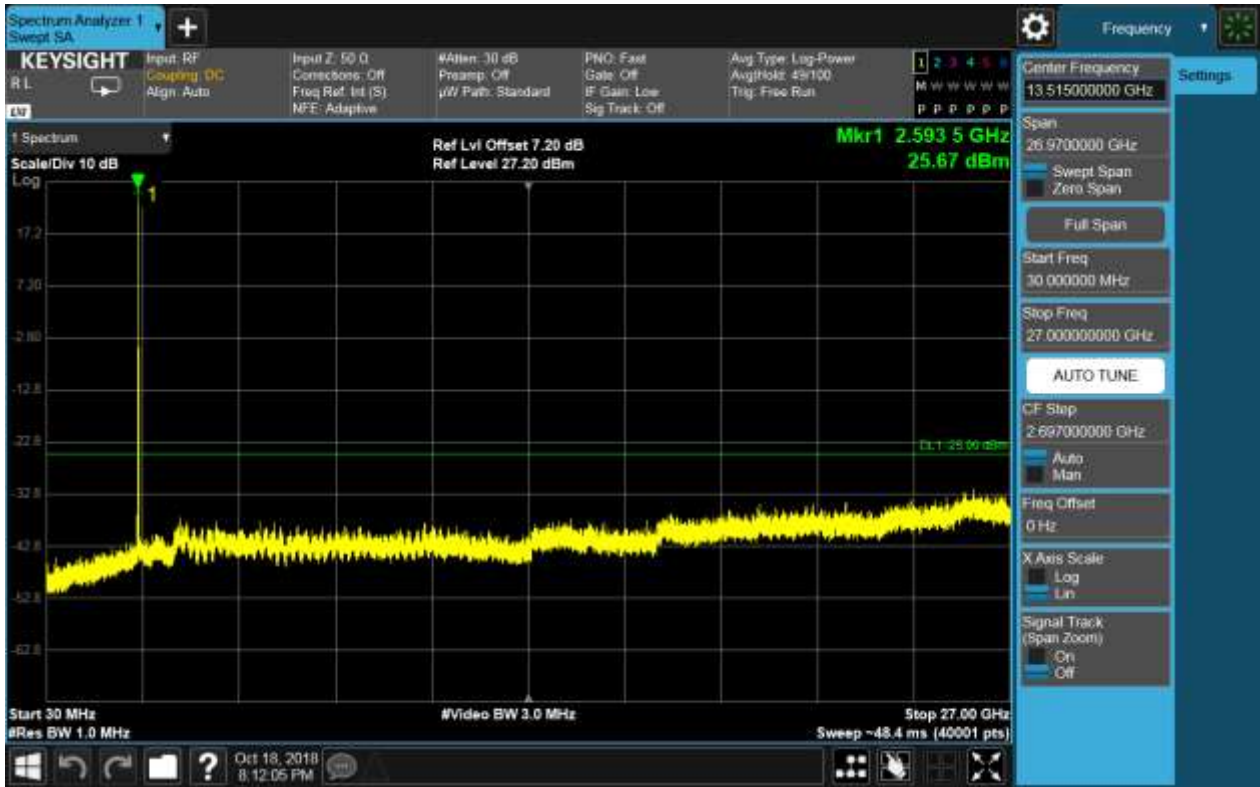


### 6.1.1.1.3.2 Test Channel = MCH

#### 6.1.1.1.3.2.1 Test RB = RB1#0





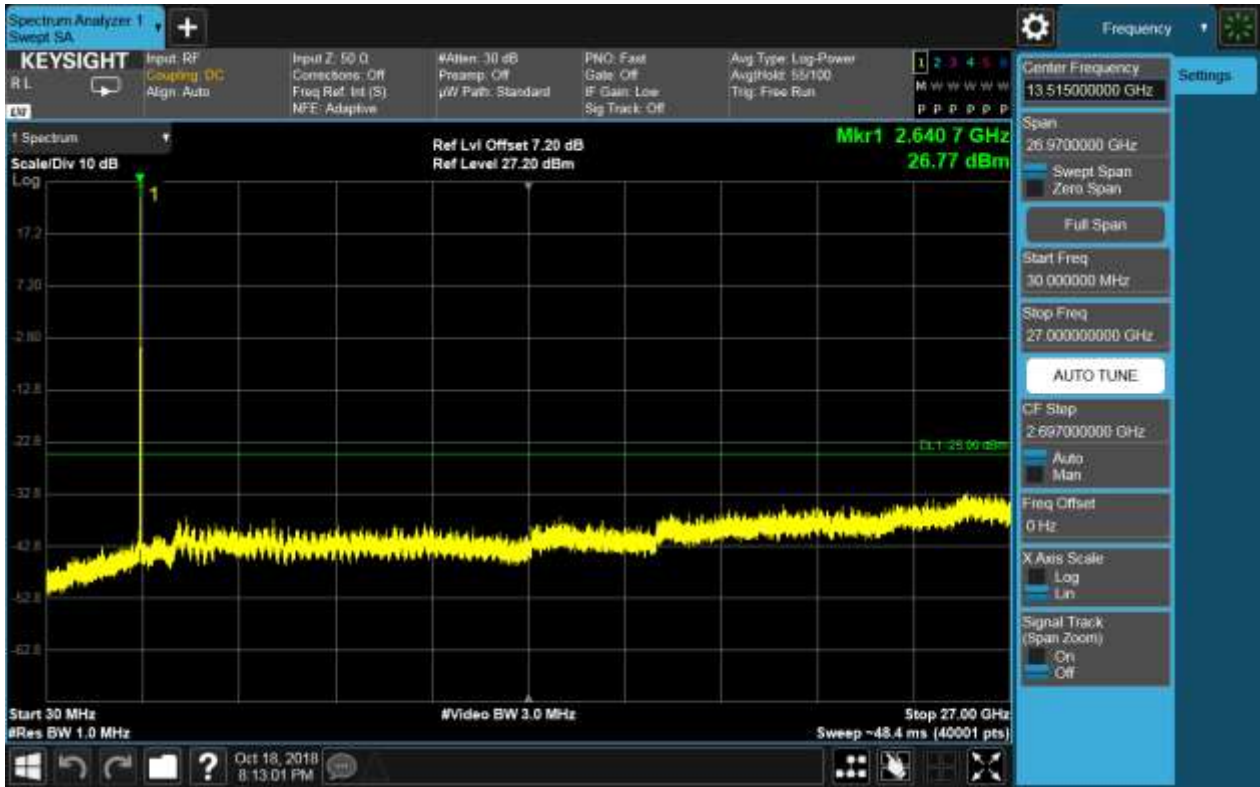


### 6.1.1.1.3.3 Test Channel = HCH

#### 6.1.1.1.3.3.1 Test RB = RB1#0







6.1.1.1.4 Test Bandwidth = 20

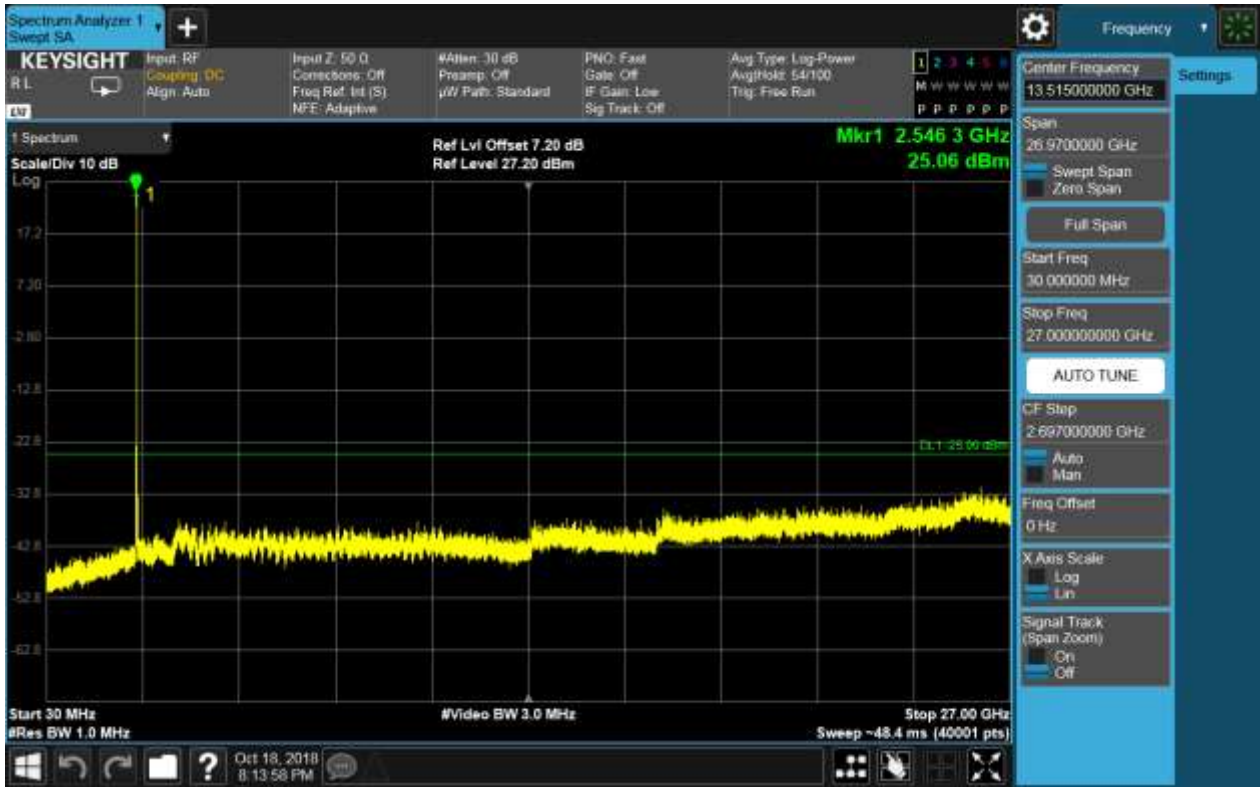
6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0









### 6.1.1.1.4.2 Test Channel = MCH

#### 6.1.1.1.4.2.1 Test RB = RB1#0







### 6.1.1.1.4.3 Test Channel = HCH

#### 6.1.1.1.4.3.1 Test RB = RB1#0









6.1.1.2 Test Mode = LTE/TM2

6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0







### 6.1.1.2.1.2 Test Channel = MCH

#### 6.1.1.2.1.2.1 Test RB = RB1#0



