



# Appendix for LTE B7



## 1Appendix\_A: Effective (Isotropic) Radiated Power Output Data

### Part I - Test Results



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Conducted power[dBm]	EIRP(dBm)	Limit [dBm]	Verdict
BAND7	LTE/TM1	5	LCH	RB1#0	21.04	21.74	33	PASS
				RB1#13	21.38	22.08	33	PASS
				RB1#24	20.93	21.63	33	PASS
				RB12#0	20.58	21.28	33	PASS
				RB12#6	20.65	21.35	33	PASS
				RB12#13	20.42	21.12	33	PASS
				RB25#0	20.5	21.2	33	PASS
			MCH	RB1#0	21.72	22.42	33	PASS
				RB1#13	21.9	22.6	33	PASS
				RB1#24	21.42	22.12	33	PASS
				RB12#0	21.11	21.81	33	PASS
				RB12#6	21.12	21.82	33	PASS
				RB12#13	20.85	21.55	33	PASS
				RB25#0	20.94	21.64	33	PASS
			HCH	RB1#0	21.76	22.46	33	PASS
				RB1#13	21.94	22.64	33	PASS
				RB1#24	21.45	22.15	33	PASS
				RB12#0	21.05	21.75	33	PASS
		RB12#6		21.05	21.75	33	PASS	
		RB12#13		20.84	21.54	33	PASS	
		RB25#0		20.92	21.62	33	PASS	
		10	LCH	RB1#0	20.93	21.63	33	PASS
				RB1#25	21.19	21.89	33	PASS
				RB1#49	20.78	21.48	33	PASS
				RB25#0	20.42	21.12	33	PASS
				RB25#13	20.39	21.09	33	PASS
				RB25#25	20.24	20.94	33	PASS
				RB50#0	20.34	21.04	33	PASS
			MCH	RB1#0	21.64	22.34	33	PASS
				RB1#25	21.8	22.5	33	PASS
RB1#49	21.29			21.99	33	PASS		
RB25#0	20.99			21.69	33	PASS		
RB25#13	21			21.7	33	PASS		
HCH	RB25#25	20.78	21.48	33	PASS			
	RB50#0	20.85	21.55	33	PASS			
			HCH	RB1#0	21.68	22.38	33	PASS
				RB1#25	21.98	22.68	33	PASS

				RB1#49	21.42	22.12	33	PASS	
				RB25#0	20.91	21.61	33	PASS	
				RB25#13	20.92	21.62	33	PASS	
				RB25#25	20.76	21.46	33	PASS	
				RB50#0	20.84	21.54	33	PASS	
		15	LCH		RB1#0	20.75	21.45	33	PASS
					RB1#38	21.11	21.81	33	PASS
					RB1#74	20.7	21.4	33	PASS
					RB36#0	20.21	20.91	33	PASS
					RB36#18	20.28	20.98	33	PASS
					RB36#39	20.2	20.9	33	PASS
					RB75#0	20.14	20.84	33	PASS
			MCH		RB1#0	21.37	22.07	33	PASS
					RB1#38	21.68	22.38	33	PASS
					RB1#74	20.93	21.63	33	PASS
					RB36#0	20.9	21.6	33	PASS
					RB36#18	20.9	21.6	33	PASS
					RB36#39	20.6	21.3	33	PASS
					RB75#0	20.69	21.39	33	PASS
			HCH		RB1#0	21.33	22.03	33	PASS
				RB1#38	21.87	22.57	33	PASS	
				RB1#74	21.24	21.94	33	PASS	
				RB36#0	20.79	21.49	33	PASS	
				RB36#18	20.94	21.64	33	PASS	
				RB36#39	20.74	21.44	33	PASS	
				RB75#0	20.79	21.49	33	PASS	
		20	LCH		RB1#0	21.08	21.78	33	PASS
					RB1#50	21.19	21.89	33	PASS
					RB1#99	21.25	21.95	33	PASS
					RB50#0	20.25	20.95	33	PASS
	RB50#25			20.3	21	33	PASS		
	RB50#50			20.25	20.95	33	PASS		
	RB100#0			20.19	20.89	33	PASS		
MCH			RB1#0	21.71	22.41	33	PASS		
			RB1#50	21.71	22.41	33	PASS		
			RB1#99	21.23	21.93	33	PASS		
			RB50#0	20.8	21.5	33	PASS		
			RB50#25	20.8	21.5	33	PASS		
			RB50#50	20.6	21.3	33	PASS		
HCH		RB1#0	20.69	21.39	33	PASS			
	RB1#0	21.5	22.2	33	PASS				

LTE/TM2	5	LCH	RB1#50	21.95	22.65	33	PASS
			RB1#99	21.51	22.21	33	PASS
			RB50#0	20.79	21.49	33	PASS
			RB50#25	20.94	21.64	33	PASS
			RB50#50	20.81	21.51	33	PASS
			RB100#0	20.76	21.46	33	PASS
	10	LCH	RB1#0	20.21	20.91	33	PASS
			RB1#13	20.49	21.19	33	PASS
			RB1#24	20.01	20.71	33	PASS
			RB12#0	20.29	20.99	33	PASS
			RB12#6	20.36	21.06	33	PASS
			RB12#13	20.13	20.83	33	PASS
		MCH	RB25#0	20.22	20.92	33	PASS
			RB1#0	20.99	21.69	33	PASS
			RB1#13	21.01	21.71	33	PASS
			RB1#24	20.54	21.24	33	PASS
			RB12#0	20.89	21.59	33	PASS
			RB12#6	20.88	21.58	33	PASS
		HCH	RB12#13	20.62	21.32	33	PASS
			RB25#0	20.67	21.37	33	PASS
			RB1#0	21.06	21.76	33	PASS
			RB1#13	21.27	21.97	33	PASS
			RB1#24	20.8	21.5	33	PASS
			RB12#0	20.97	21.67	33	PASS
	LCH	RB12#6	20.94	21.64	33	PASS	
		RB12#13	20.76	21.46	33	PASS	
		RB25#0	20.78	21.48	33	PASS	
		RB1#0	20.16	20.86	33	PASS	
		RB1#25	20.24	20.94	33	PASS	
		RB1#49	19.81	20.51	33	PASS	
RB25#0		20.23	20.93	33	PASS		
RB25#13		20.15	20.85	33	PASS		
RB25#25		20	20.7	33	PASS		
RB50#0		20.1	20.8	33	PASS		
MCH		RB1#0	20.8	21.5	33	PASS	
		RB1#25	20.83	21.53	33	PASS	
	RB1#49	20.38	21.08	33	PASS		
	RB25#0	20.84	21.54	33	PASS		
	RB25#13	20.73	21.43	33	PASS		
	RB25#25	20.56	21.26	33	PASS		
RB50#0	20.64	21.34	33	PASS			



	15	HCH	RB1#0	21.04	21.74	33	PASS
			RB1#25	21.28	21.98	33	PASS
			RB1#49	20.69	21.39	33	PASS
			RB25#0	20.87	21.57	33	PASS
			RB25#13	20.88	21.58	33	PASS
			RB25#25	20.72	21.42	33	PASS
			RB50#0	20.82	21.52	33	PASS
		LCH	RB1#0	19.85	20.55	33	PASS
			RB1#38	20.24	20.94	33	PASS
			RB1#74	19.84	20.54	33	PASS
			RB36#0	20.1	20.8	33	PASS
			RB36#18	20.16	20.86	33	PASS
			RB36#39	20.14	20.84	33	PASS
			RB75#0	20.04	20.74	33	PASS
	MCH	RB1#0	20.72	21.42	33	PASS	
		RB1#38	20.95	21.65	33	PASS	
		RB1#74	20.25	20.95	33	PASS	
		RB36#0	20.8	21.5	33	PASS	
		RB36#18	20.77	21.47	33	PASS	
		RB36#39	20.48	21.18	33	PASS	
		RB75#0	20.55	21.25	33	PASS	
	HCH	RB1#0	20.62	21.32	33	PASS	
		RB1#38	21.22	21.92	33	PASS	
		RB1#74	20.54	21.24	33	PASS	
		RB36#0	20.71	21.41	33	PASS	
		RB36#18	20.94	21.64	33	PASS	
		RB36#39	20.76	21.46	33	PASS	
		RB75#0	20.83	21.53	33	PASS	
20	LCH	RB1#0	20.4	21.1	33	PASS	
		RB1#50	20.56	21.26	33	PASS	
		RB1#99	20.63	21.33	33	PASS	
		RB50#0	20.26	20.96	33	PASS	
		RB50#25	20.22	20.92	33	PASS	
		RB50#50	20.25	20.95	33	PASS	
		RB100#0	20.21	20.91	33	PASS	
	MCH	RB1#0	21	21.7	33	PASS	
		RB1#50	21.01	21.71	33	PASS	
		RB1#99	20.45	21.15	33	PASS	
		RB50#0	20.72	21.42	33	PASS	
		RB50#25	20.71	21.41	33	PASS	
		RB50#50	20.5	21.2	33	PASS	



				RB100#0	20.63	21.33	33	PASS
			HCH	RB1#0	20.72	21.42	33	PASS
				RB1#50	21.3	22	33	PASS
				RB1#99	20.82	21.52	33	PASS
				RB50#0	20.81	21.51	33	PASS
				RB50#25	20.9	21.6	33	PASS
				RB50#50	20.77	21.47	33	PASS
				RB100#0	20.77	21.47	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: SET Span=1.5\*OBW

SET RBW=1%of the OBW,not to wxceed 1MHz

SET VBW>= 3\*RBW

SET Sweep time=auto-couple.

Detector:RMS



## 2Appendix\_B: Peak-to-Average Ratio

### Part I - Test Results



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND7	LTE/TM1	5	LCH	RB1#0	4.62	13	PASS
				RB1#13	4.34	13	PASS
				RB1#24	4.66	13	PASS
				RB12#0	5.42	13	PASS
				RB12#6	5.45	13	PASS
				RB12#13	5.51	13	PASS
			RB25#0	5.67	13	PASS	
			MCH	RB1#0	4.61	13	PASS
				RB1#13	4.48	13	PASS
				RB1#24	4.78	13	PASS
				RB12#0	4.89	13	PASS
				RB12#6	4.79	13	PASS
				RB12#13	5.01	13	PASS
			RB25#0	5.58	13	PASS	
			HCH	RB1#0	4.5	13	PASS
				RB1#13	4.15	13	PASS
				RB1#24	4.34	13	PASS
				RB12#0	4.79	13	PASS
		RB12#6		4.7	13	PASS	
		RB12#13		4.82	13	PASS	
		RB25#0	5.19	13	PASS		
		10	LCH	RB1#0	4.57	13	PASS
				RB1#25	4.44	13	PASS
				RB1#49	4.75	13	PASS
				RB25#0	5.55	13	PASS
				RB25#13	5.54	13	PASS
				RB25#25	5.72	13	PASS
			RB50#0	6.14	13	PASS	
			MCH	RB1#0	4.34	13	PASS
				RB1#25	4.28	13	PASS
RB1#49	4.58			13	PASS		
RB25#0	5.15			13	PASS		
RB25#13	5.04			13	PASS		
RB25#25	5.17	13		PASS			
RB50#0	5.41	13	PASS				
HCH	RB1#0	4.25	13	PASS			
	RB1#25	4.04	13	PASS			
	RB1#49	4.26	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		15		RB25#0	4.96	13	PASS
				RB25#13	4.87	13	PASS
				RB25#25	5.02	13	PASS
				RB50#0	5.72	13	PASS
			LCH	RB1#0	4.52	13	PASS
				RB1#38	4.34	13	PASS
				RB1#74	4.81	13	PASS
				RB36#0	5.52	13	PASS
				RB36#18	5.47	13	PASS
				RB36#39	5.7	13	PASS
			MCH	RB75#0	6.01	13	PASS
				RB1#0	4.75	13	PASS
		RB1#38		4.43	13	PASS	
		RB1#74		4.84	13	PASS	
		RB36#0		5.29	13	PASS	
		RB36#18		5.13	13	PASS	
		HCH	RB36#39	5.25	13	PASS	
			RB75#0	5.74	13	PASS	
			RB1#0	4.59	13	PASS	
			RB1#38	4.04	13	PASS	
			RB1#74	4.4	13	PASS	
			RB36#0	5.1	13	PASS	
		20	LCH	RB36#18	4.96	13	PASS
				RB36#39	5.1	13	PASS
				RB75#0	5.71	13	PASS
				RB1#0	4.59	13	PASS
				RB1#50	4.4	13	PASS
				RB1#99	4.65	13	PASS
			MCH	RB50#0	5.36	13	PASS
				RB50#25	5.4	13	PASS
				RB50#50	5.57	13	PASS
				RB100#0	6	13	PASS
RB1#0	4.84			13	PASS		
RB1#50	4.36			13	PASS		
RB1#99	4.8	13	PASS				
RB50#0	5.32	13	PASS				
RB50#25	5.21	13	PASS				
RB50#50	5.25	13	PASS				
RB100#0	5.83	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
			HCH	RB1#0	4.84	13	PASS		
				RB1#50	4.23	13	PASS		
				RB1#99	4.61	13	PASS		
				RB50#0	5.09	13	PASS		
				RB50#25	5.07	13	PASS		
				RB50#50	5.22	13	PASS		
				RB100#0	5.85	13	PASS		
			LCH	RB1#0	5.07	13	PASS		
				RB1#13	4.91	13	PASS		
				RB1#24	5.27	13	PASS		
				RB12#0	5.58	13	PASS		
				RB12#6	5.57	13	PASS		
				RB12#13	5.67	13	PASS		
				RB25#0	5.99	13	PASS		
	MCH	RB1#0	4.8	13	PASS				
		RB1#13	4.61	13	PASS				
		RB1#24	4.88	13	PASS				
		RB12#0	5.12	13	PASS				
		RB12#6	5.01	13	PASS				
		RB12#13	5.16	13	PASS				
	HCH	RB1#0	4.58	13	PASS				
		RB1#13	4.37	13	PASS				
		RB1#24	4.46	13	PASS				
		RB12#0	4.94	13	PASS				
		RB12#6	4.83	13	PASS				
		RB12#13	4.94	13	PASS				
	5		LCH	RB1#0	5.07	13	PASS		
				RB1#25	5.14	13	PASS		
				RB1#49	5.2	13	PASS		
				RB25#0	5.67	13	PASS		
RB25#13				5.71	13	PASS			
RB25#25				5.77	13	PASS			
RB50#0				6.17	13	PASS			
MCH			RB1#0	4.95	13	PASS			
			RB1#25	4.82	13	PASS			
			RB1#49	5.15	13	PASS			
			RB25#0	5.37	13	PASS			
			10		LCH	RB1#0	4.58	13	PASS
						RB1#13	4.37	13	PASS
						RB1#24	4.46	13	PASS
RB12#0		4.94				13	PASS		
RB12#6		4.83				13	PASS		
RB12#13	4.94	13				PASS			
HCH	RB1#0	4.58	13	PASS					
	RB1#13	4.37	13	PASS					
	RB1#24	4.46	13	PASS					
	RB12#0	4.94	13	PASS					
	RB12#6	4.83	13	PASS					
	RB12#13	4.94	13	PASS					
10		MCH	RB1#0	4.58	13	PASS			
			RB1#13	4.37	13	PASS			
			RB1#24	4.46	13	PASS			
			RB12#0	4.94	13	PASS			
			RB12#6	4.83	13	PASS			
			RB12#13	4.94	13	PASS			
LCH	RB1#0	4.58	13	PASS					
	RB1#13	4.37	13	PASS					
	RB1#24	4.46	13	PASS					
	RB12#0	4.94	13	PASS					
	RB12#6	4.83	13	PASS					
	RB12#13	4.94	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#13	5.24	13	PASS	
				RB25#25	5.36	13	PASS	
				RB50#0	5.93	13	PASS	
			HCH	RB1#0	4.63	13	PASS	
				RB1#25	4.32	13	PASS	
				RB1#49	4.59	13	PASS	
				RB25#0	5.06	13	PASS	
				RB25#13	4.96	13	PASS	
				RB25#25	5.09	13	PASS	
				RB50#0	5.68	13	PASS	
			15	LCH	RB1#0	5.47	13	PASS
					RB1#38	5.03	13	PASS
		RB1#74			5.41	13	PASS	
		RB36#0			5.59	13	PASS	
		RB36#18			5.55	13	PASS	
		RB36#39			5.76	13	PASS	
		MCH		RB75#0	6.29	13	PASS	
				RB1#0	5.09	13	PASS	
				RB1#38	4.69	13	PASS	
				RB1#74	5.17	13	PASS	
				RB36#0	5.4	13	PASS	
				RB36#18	5.19	13	PASS	
		HCH	RB36#39	5.36	13	PASS		
			RB75#0	5.98	13	PASS		
			RB1#0	5.06	13	PASS		
			RB1#38	4.44	13	PASS		
			RB1#74	4.91	13	PASS		
			RB36#0	5.15	13	PASS		
			RB36#18	5.03	13	PASS		
		20	LCH	RB36#39	5.16	13	PASS	
				RB75#0	5.95	13	PASS	
				RB1#0	5.52	13	PASS	
				RB1#50	4.76	13	PASS	
RB1#99	5.66			13	PASS			
RB50#0	5.5			13	PASS			
MCH	RB50#25		5.52	13	PASS			
RB50#50	5.75	13	PASS					
RB100#0	6.15	13	PASS					
RB1#0	4.81	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	4.45	13	PASS
				RB1#99	4.73	13	PASS
				RB50#0	5.43	13	PASS
				RB50#25	5.24	13	PASS
				RB50#50	5.33	13	PASS
				RB100#0	5.98	13	PASS
			HCH	RB1#0	4.61	13	PASS
				RB1#50	4.48	13	PASS
				RB1#99	4.68	13	PASS
				RB50#0	5.22	13	PASS
				RB50#25	5.17	13	PASS
				RB50#50	5.31	13	PASS
				RB100#0	6.17	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

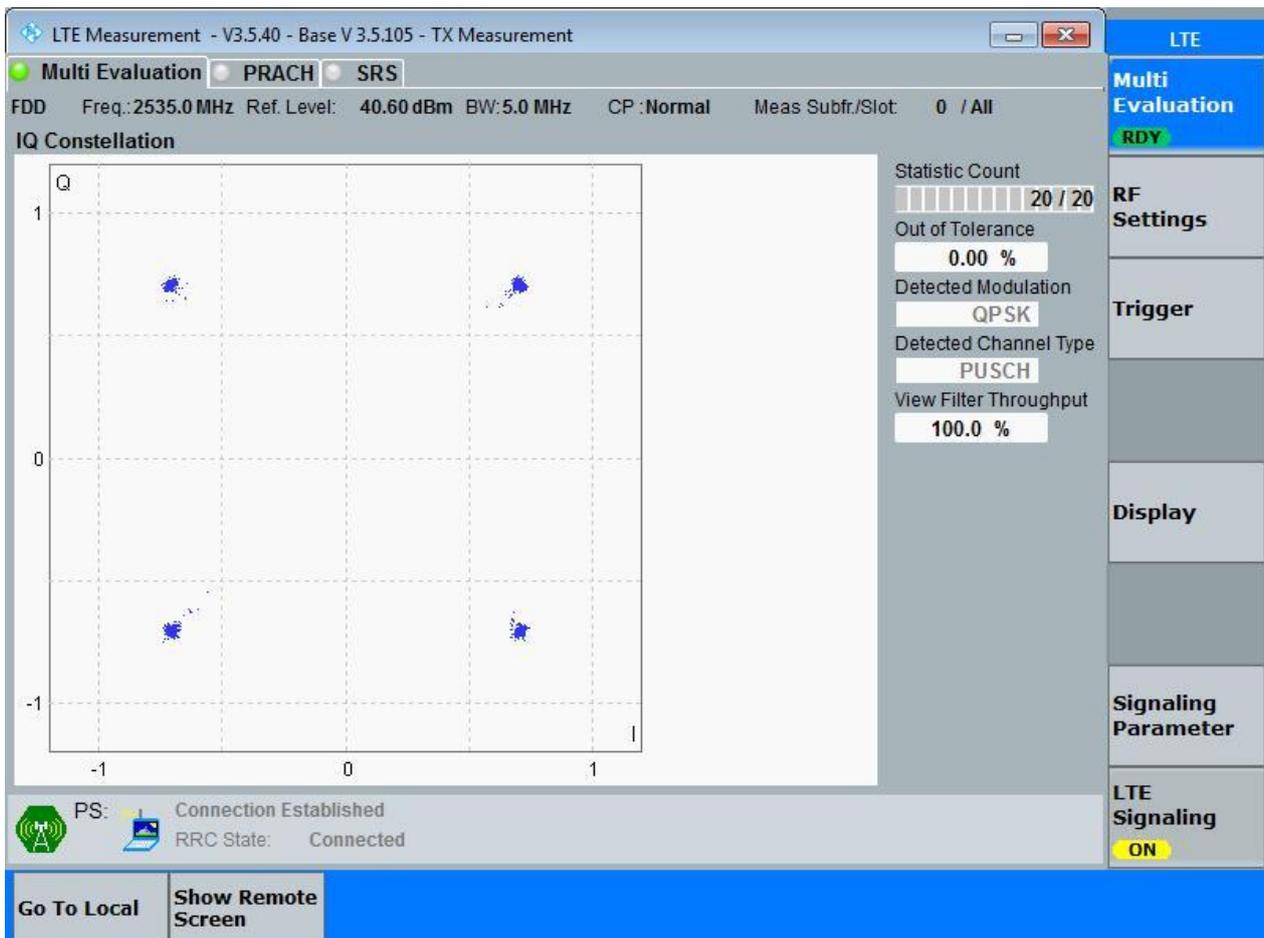
##### 3.1.1 Test Band = BAND7

##### 3.1.1.1 Test Mode = LTE/TM1

##### 3.1.1.1.1 Test Bandwidth = 5

##### 3.1.1.1.1.1 Test Channel = MCH

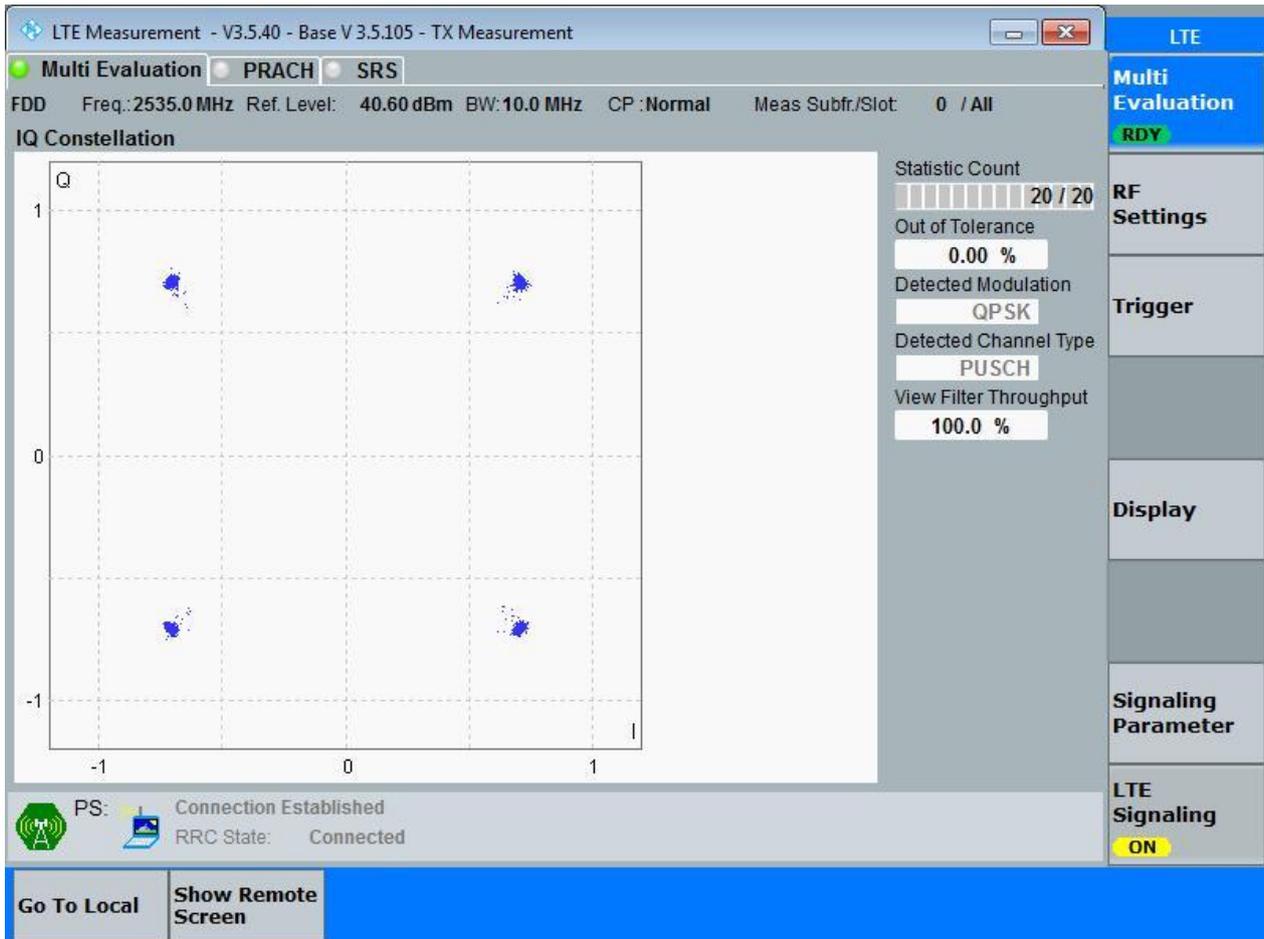
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 3.1.1.1.2 Test Bandwidth = 10

#### 3.1.1.1.2.1 Test Channel = MCH

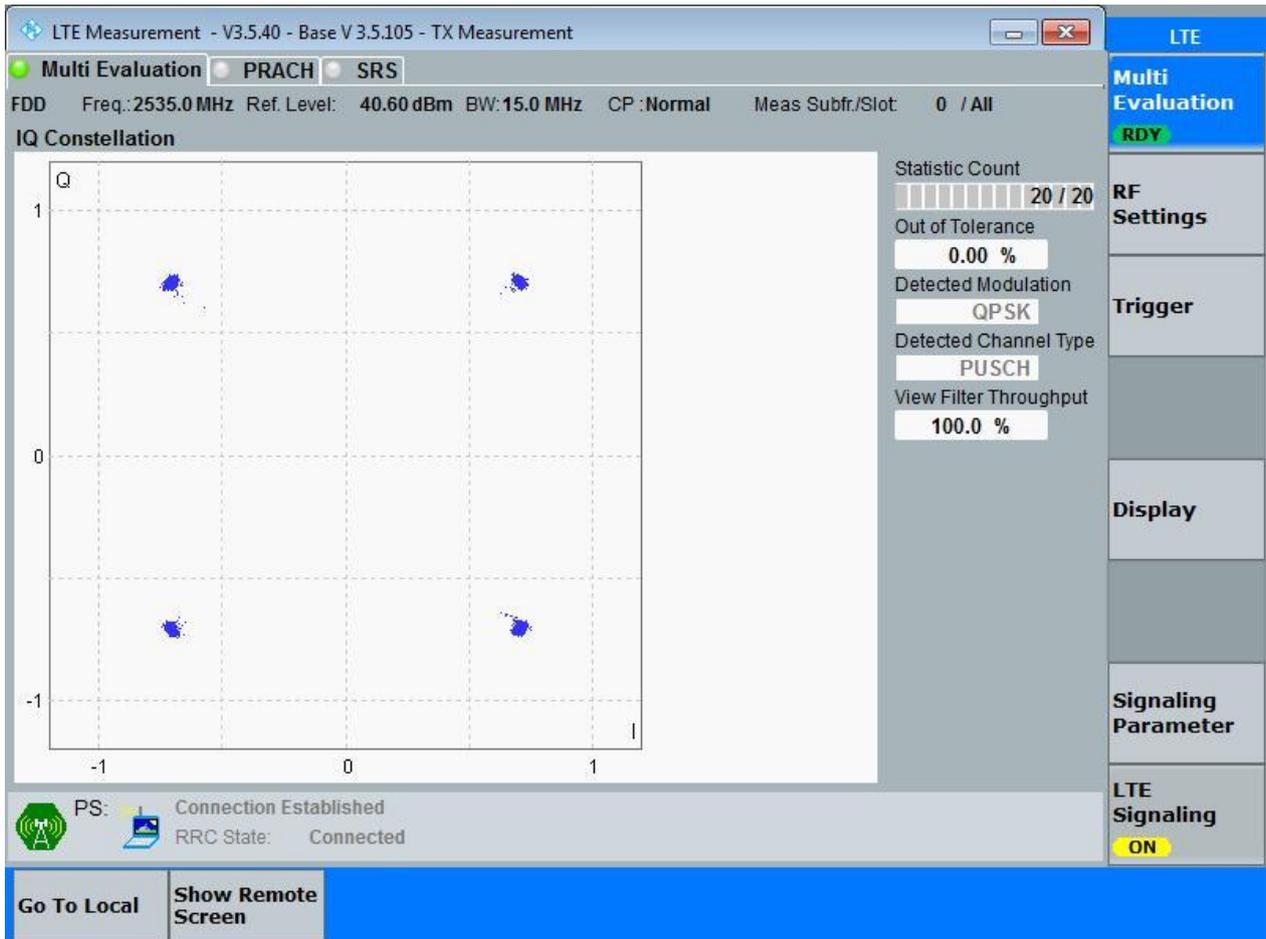
##### 3.1.1.1.2.1.1 Test RB = RB50#0



### 3.1.1.1.3 Test Bandwidth = 15

#### 3.1.1.1.3.1 Test Channel = MCH

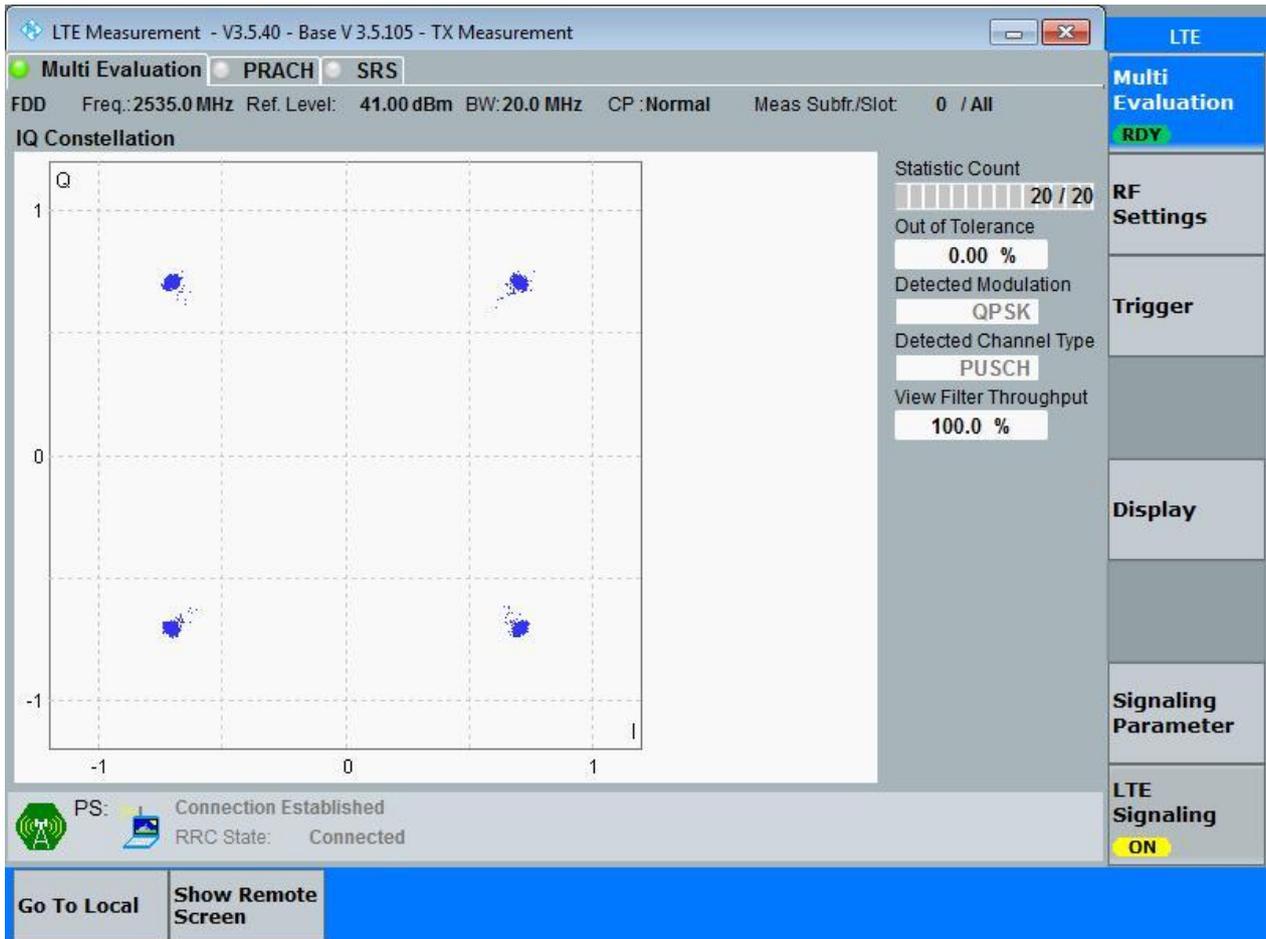
##### 3.1.1.1.3.1.1 Test RB = RB75#0



### 3.1.1.1.4 Test Bandwidth = 20

#### 3.1.1.1.4.1 Test Channel = MCH

##### 3.1.1.1.4.1.1 Test RB = RB100#0

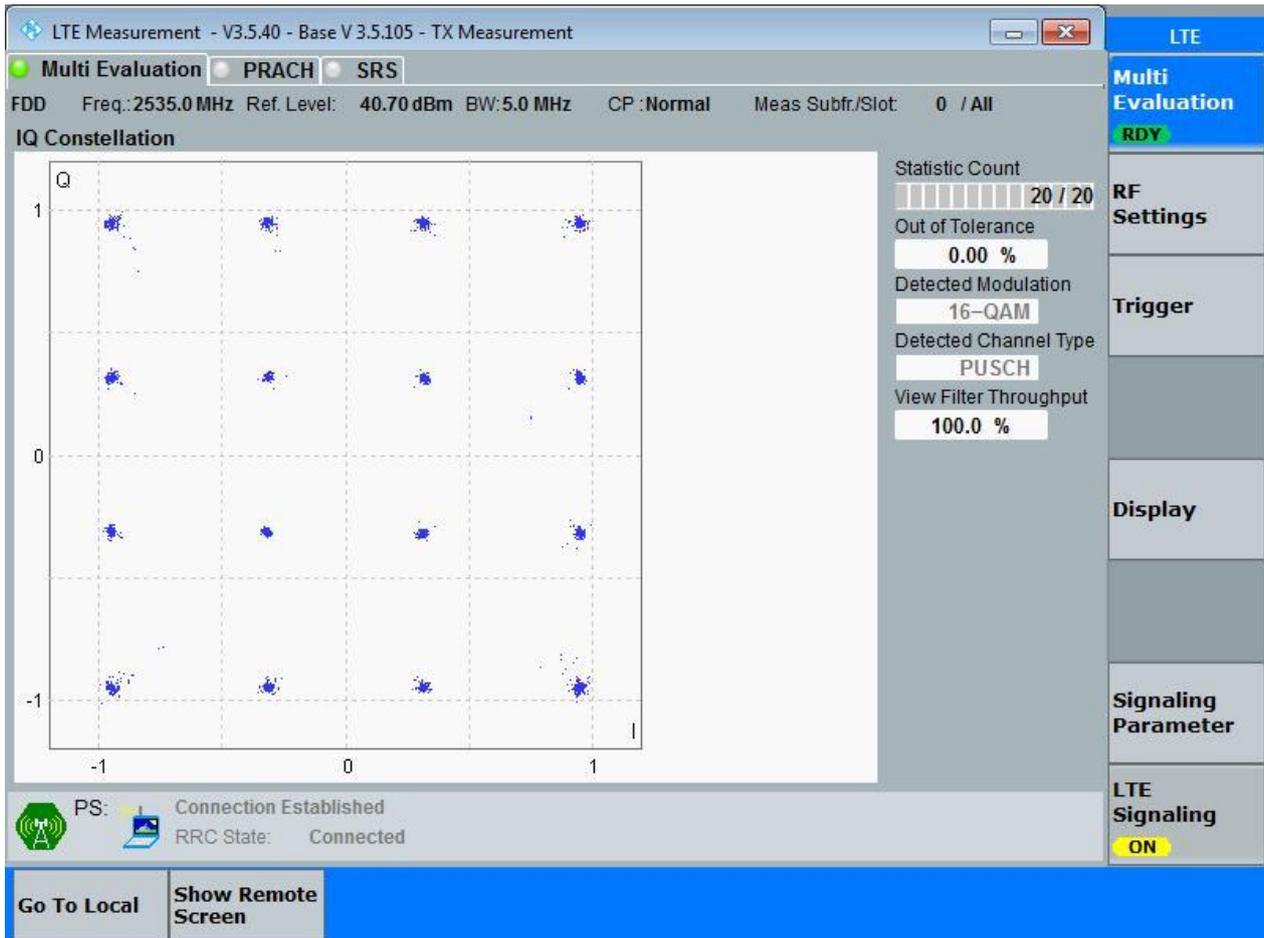


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 5

##### 3.1.1.2.1.1 Test Channel = MCH

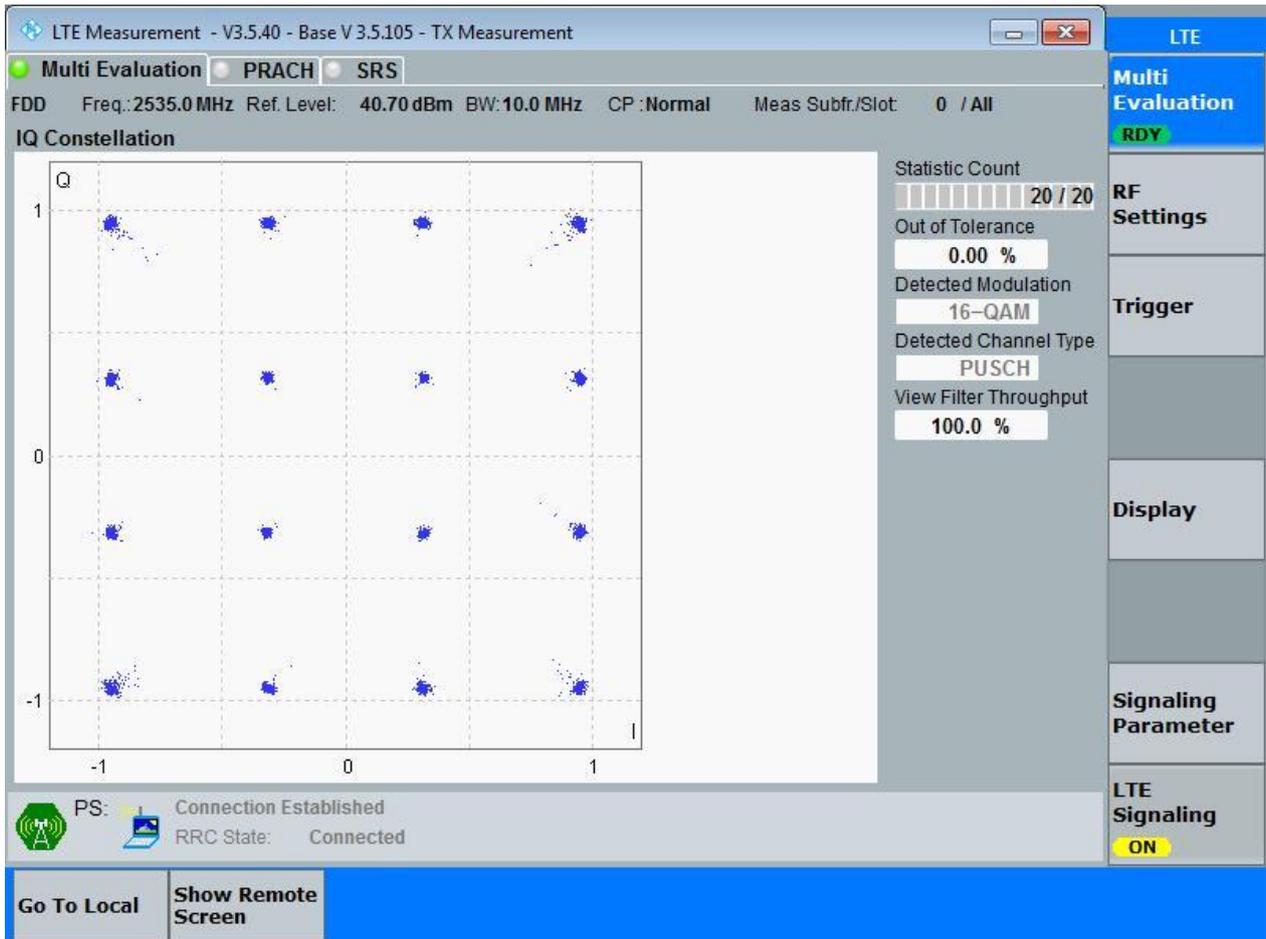
###### 3.1.1.2.1.1.1 Test RB = RB25#0



### 3.1.1.2.2 Test Bandwidth = 10

#### 3.1.1.2.2.1 Test Channel = MCH

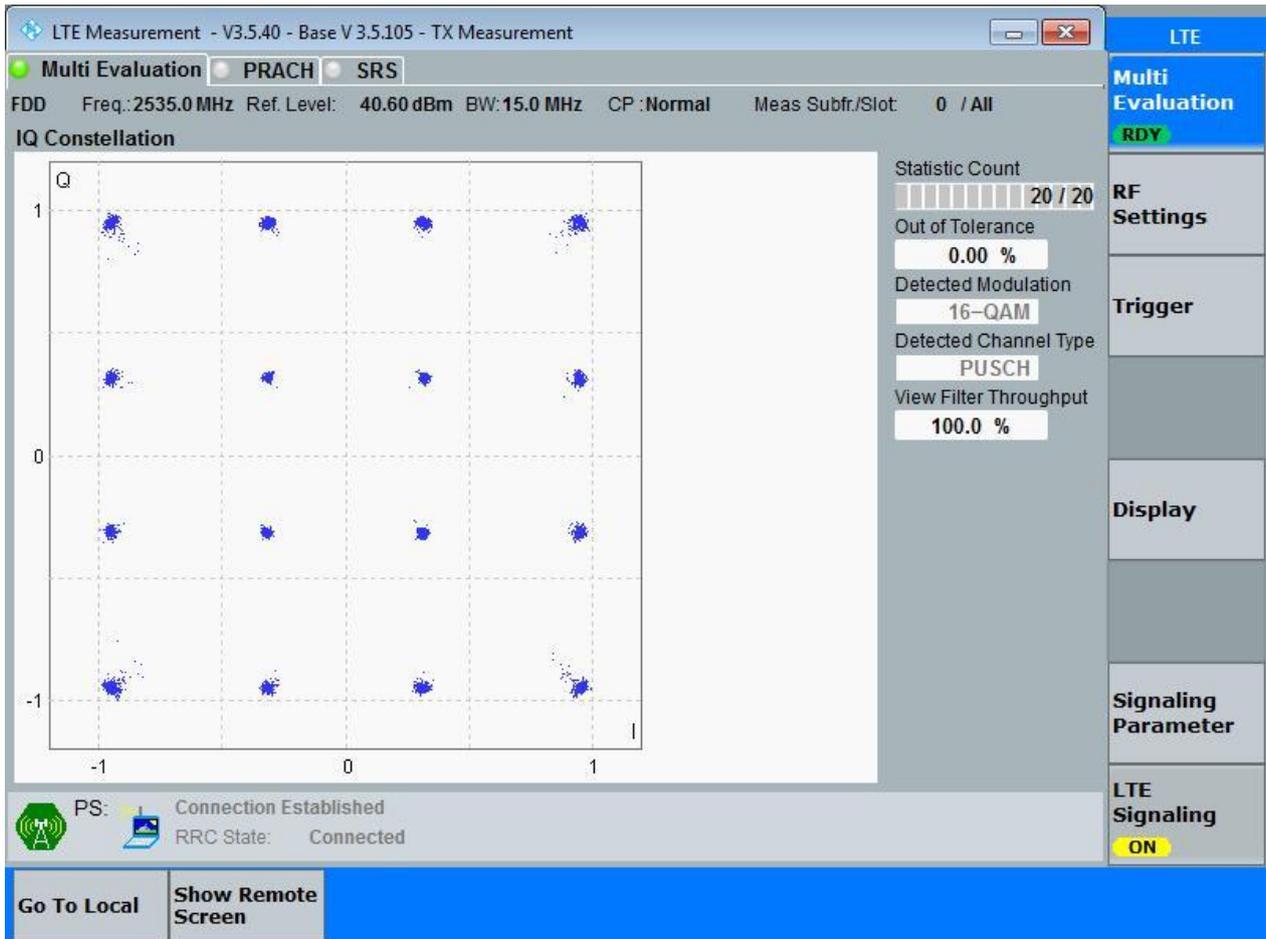
##### 3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

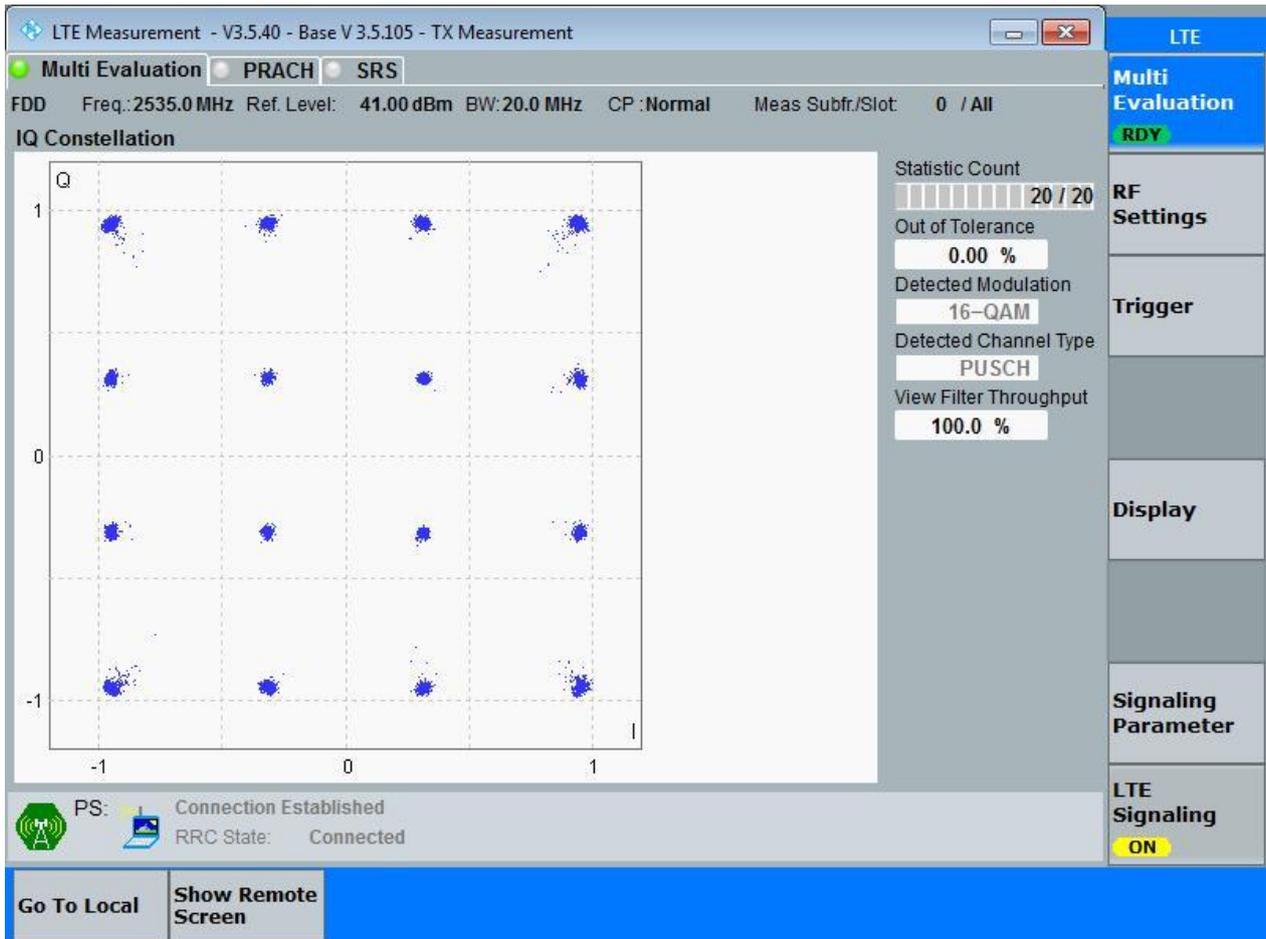
3.1.1.2.3.1.1 Test RB = RB75#0



### 3.1.1.2.4 Test Bandwidth = 20

#### 3.1.1.2.4.1 Test Channel = MCH

##### 3.1.1.2.4.1.1 Test RB = RB100#0





## 4Appendix\_D: Bandwidth

### Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
	LTE/TM1	5	LCH	RB25#0	4.51	5.16	Pass
			MCH	RB25#0	4.50	4.94	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	8.98	9.62	Pass
			MCH	RB50#0	8.98	9.58	Pass
			HCH	RB50#0	8.98	9.60	Pass
		15	LCH	RB75#0	13.47	14.40	Pass
			MCH	RB75#0	13.46	14.42	Pass
			HCH	RB75#0	13.45	14.35	Pass
		20	LCH	RB100#0	17.96	19.10	Pass
			MCH	RB100#0	17.95	19.64	Pass
			HCH	RB100#0	17.96	19.42	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.92	Pass
			HCH	RB25#0	4.51	5.12	Pass
		10	LCH	RB50#0	9.01	9.83	Pass
			MCH	RB50#0	8.99	10.23	Pass
			HCH	RB50#0	8.99	10.06	Pass
		15	LCH	RB75#0	13.47	14.81	Pass
			MCH	RB75#0	13.47	14.40	Pass
			HCH	RB75#0	13.47	14.53	Pass
		20	LCH	RB100#0	17.97	19.04	Pass
			MCH	RB100#0	17.95	19.11	Pass
			HCH	RB100#0	17.96	19.13	Pass



Part II - Test Plots

4.1 For LTE

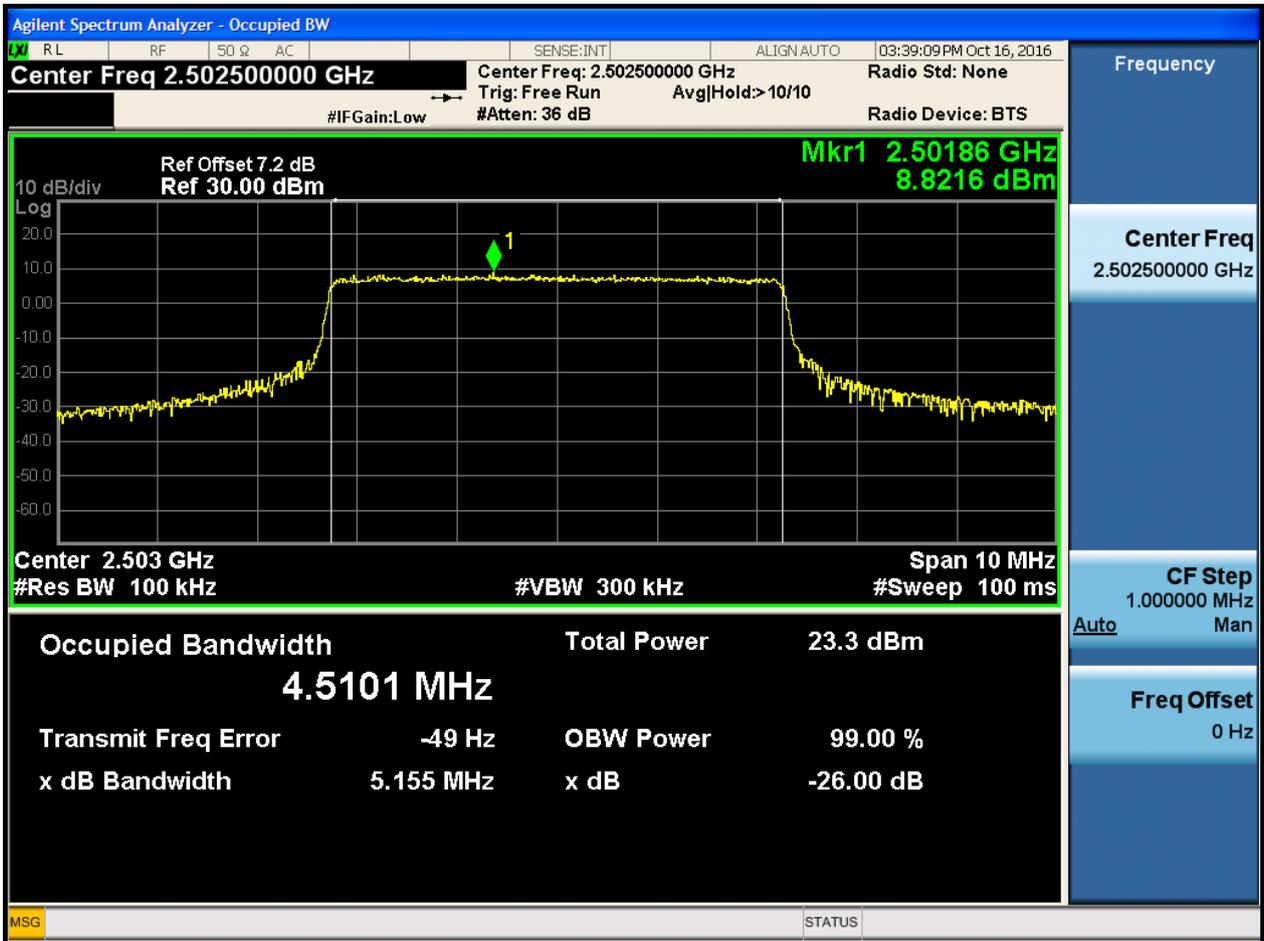
4.1.1 Test Band = BAND7

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

4.1.1.1.1.1 Test Channel = LCH

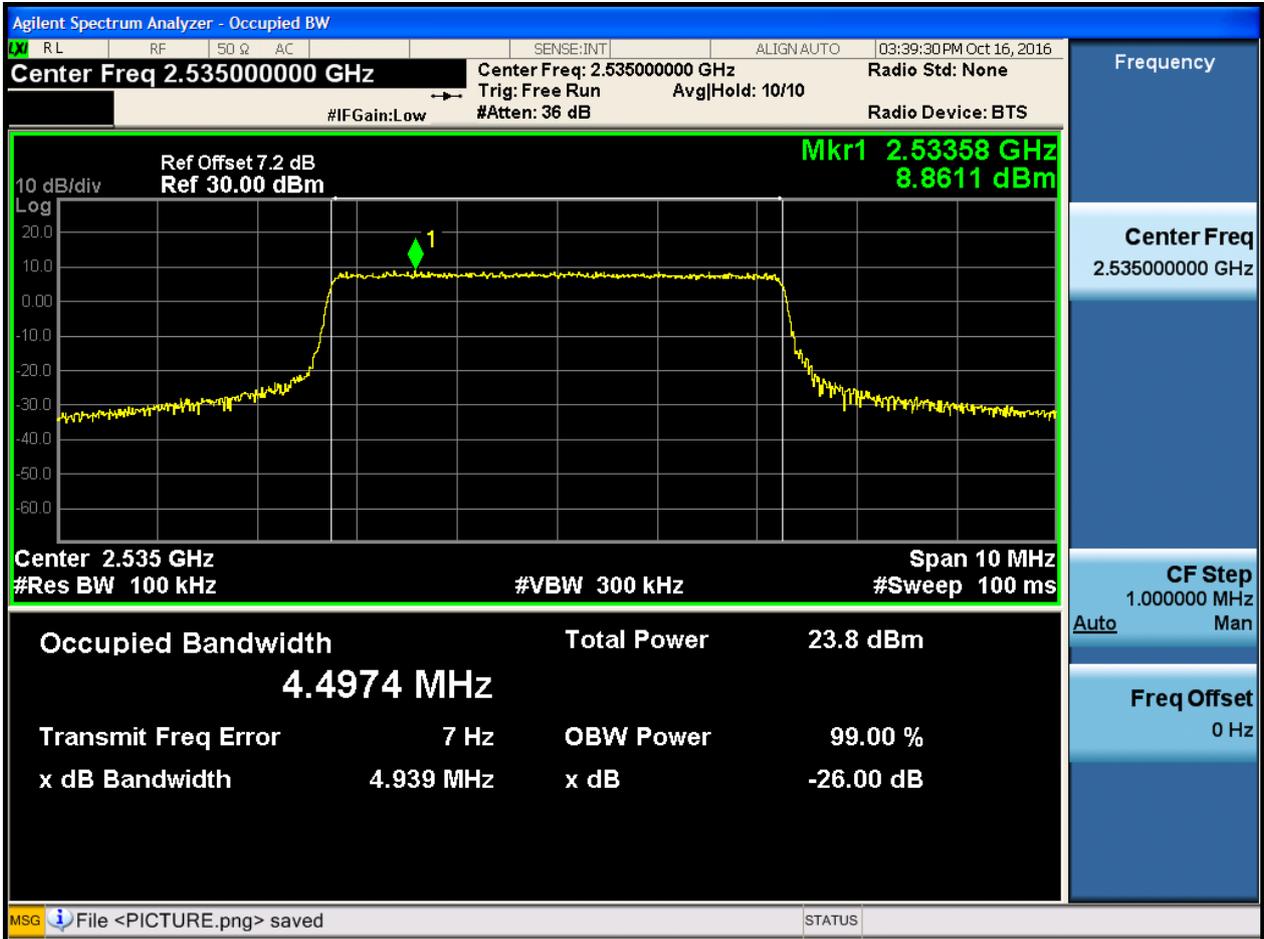
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

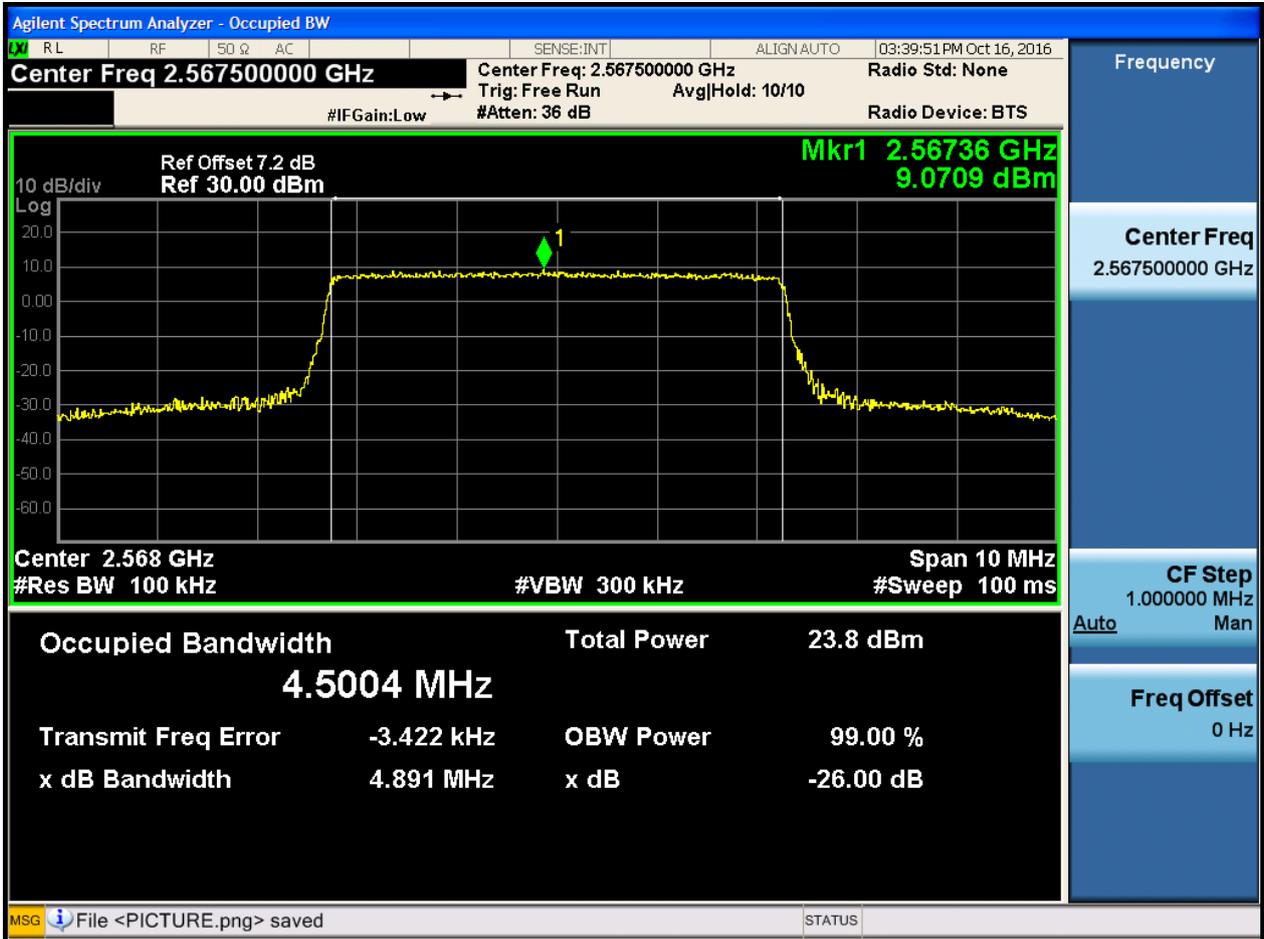
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

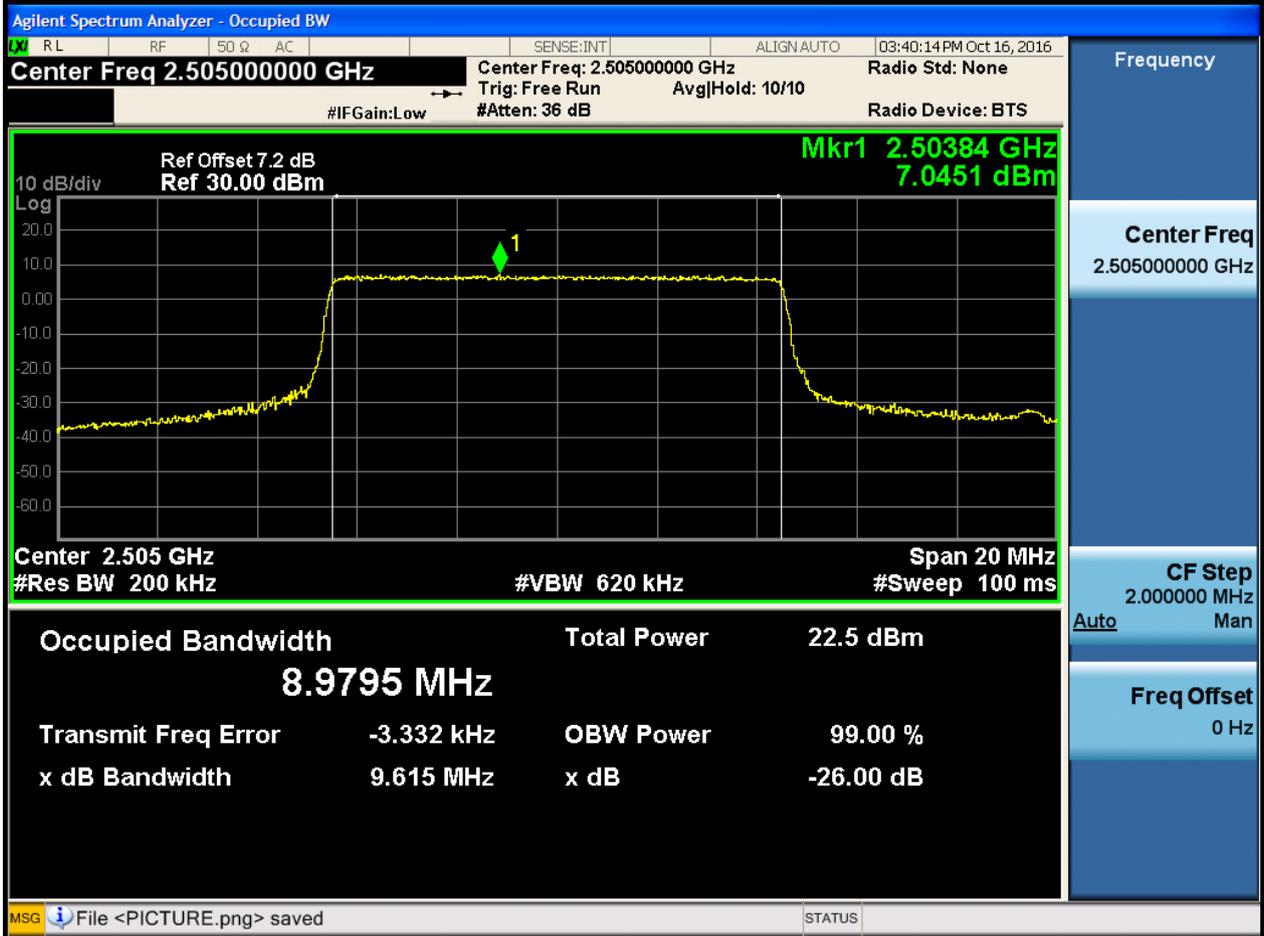




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

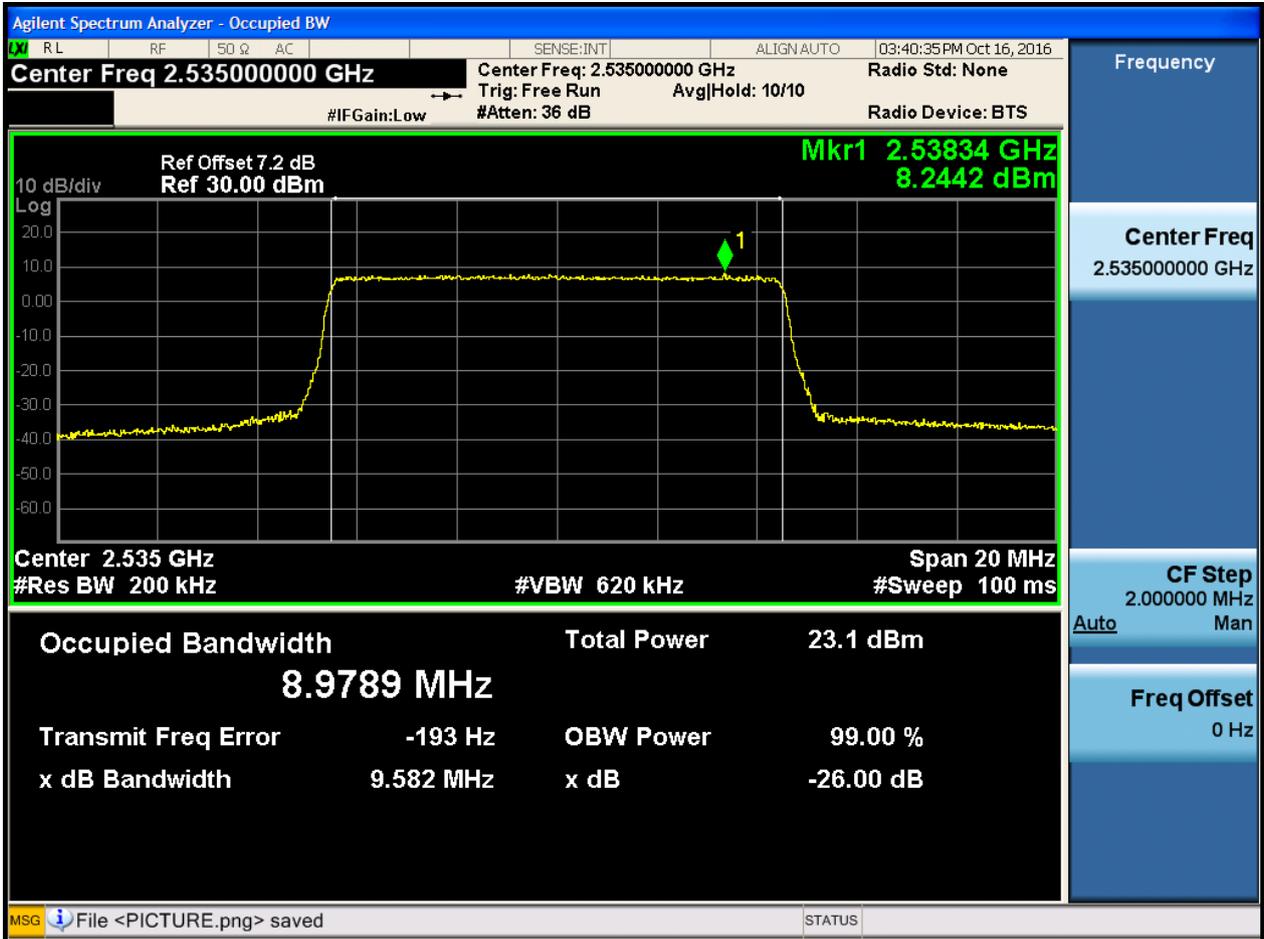
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

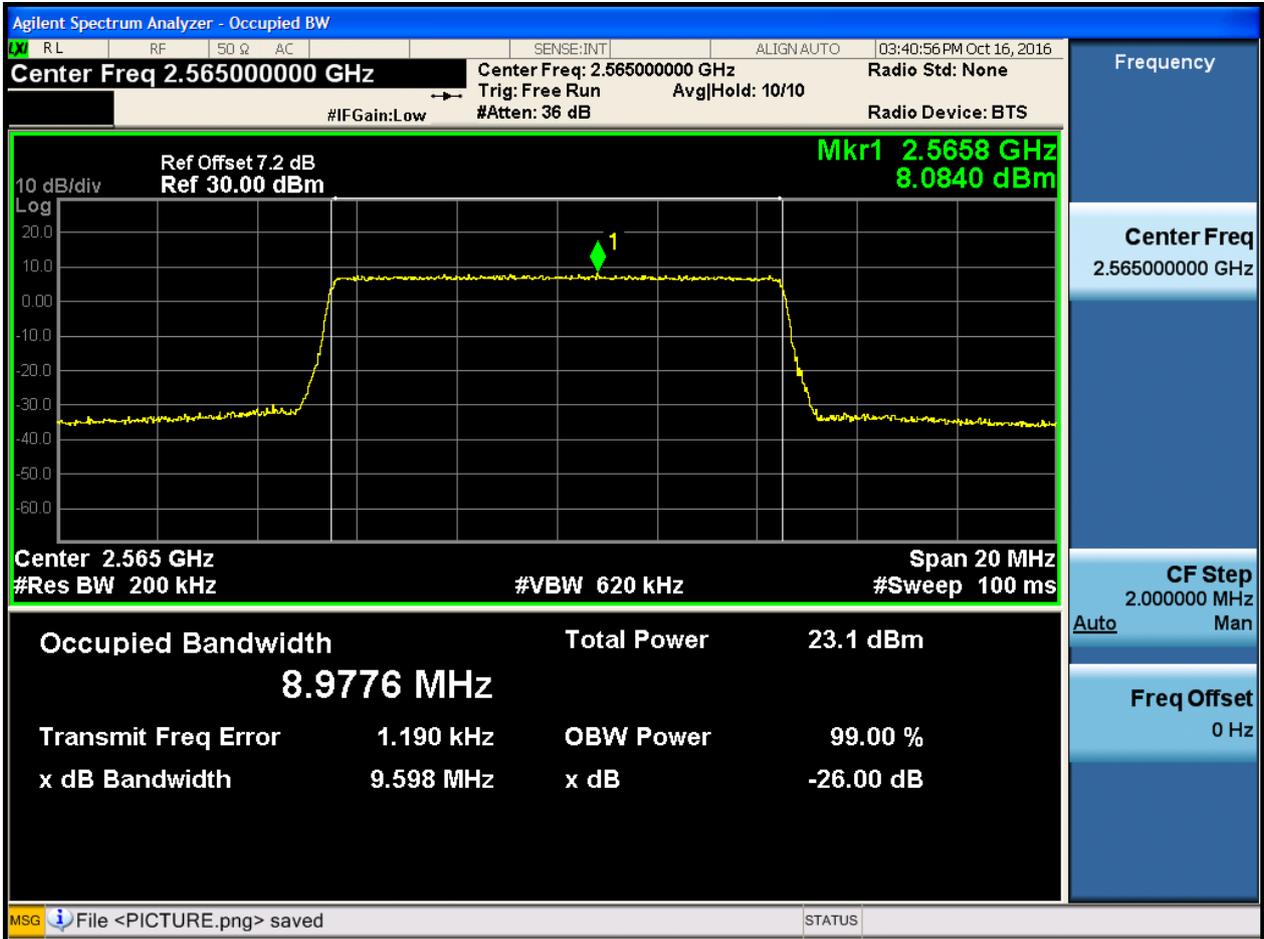
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

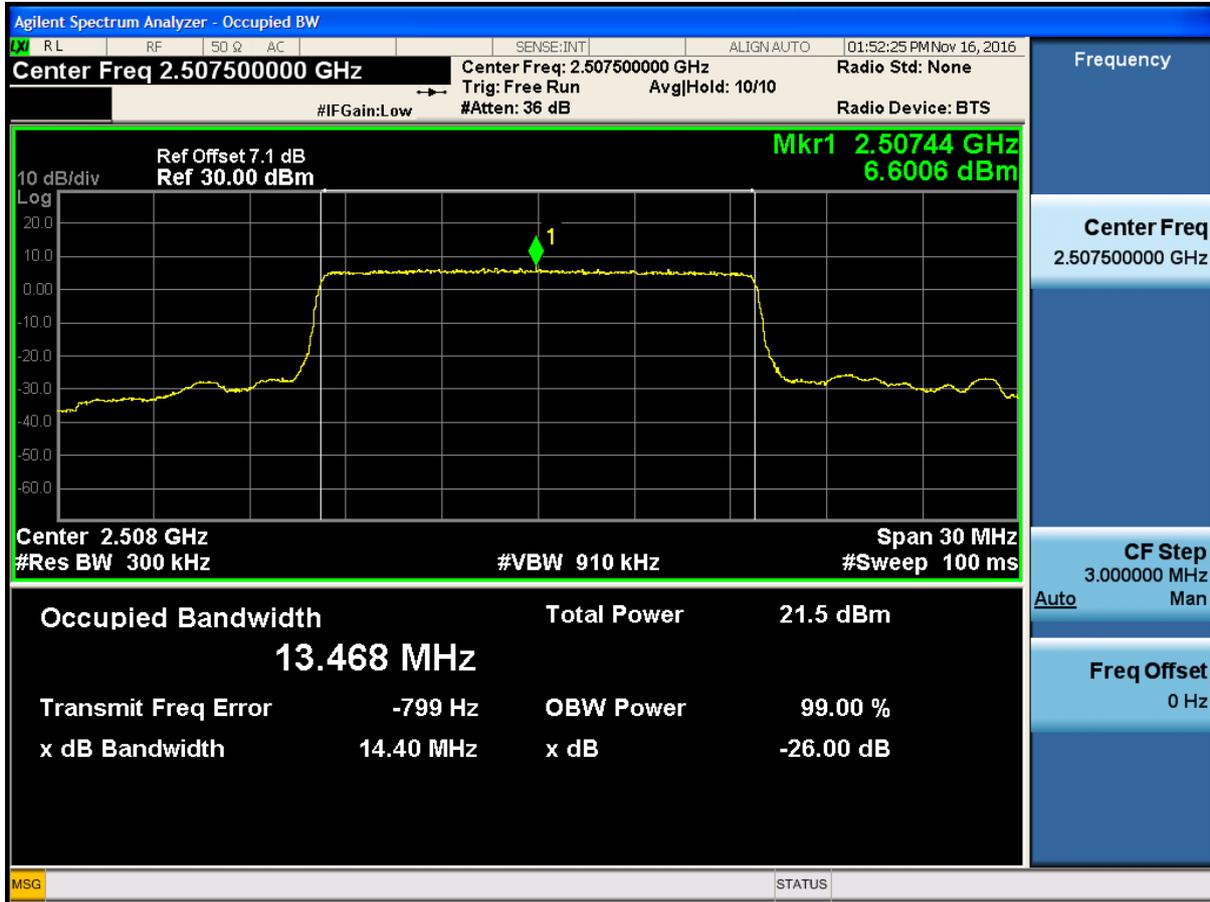




4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

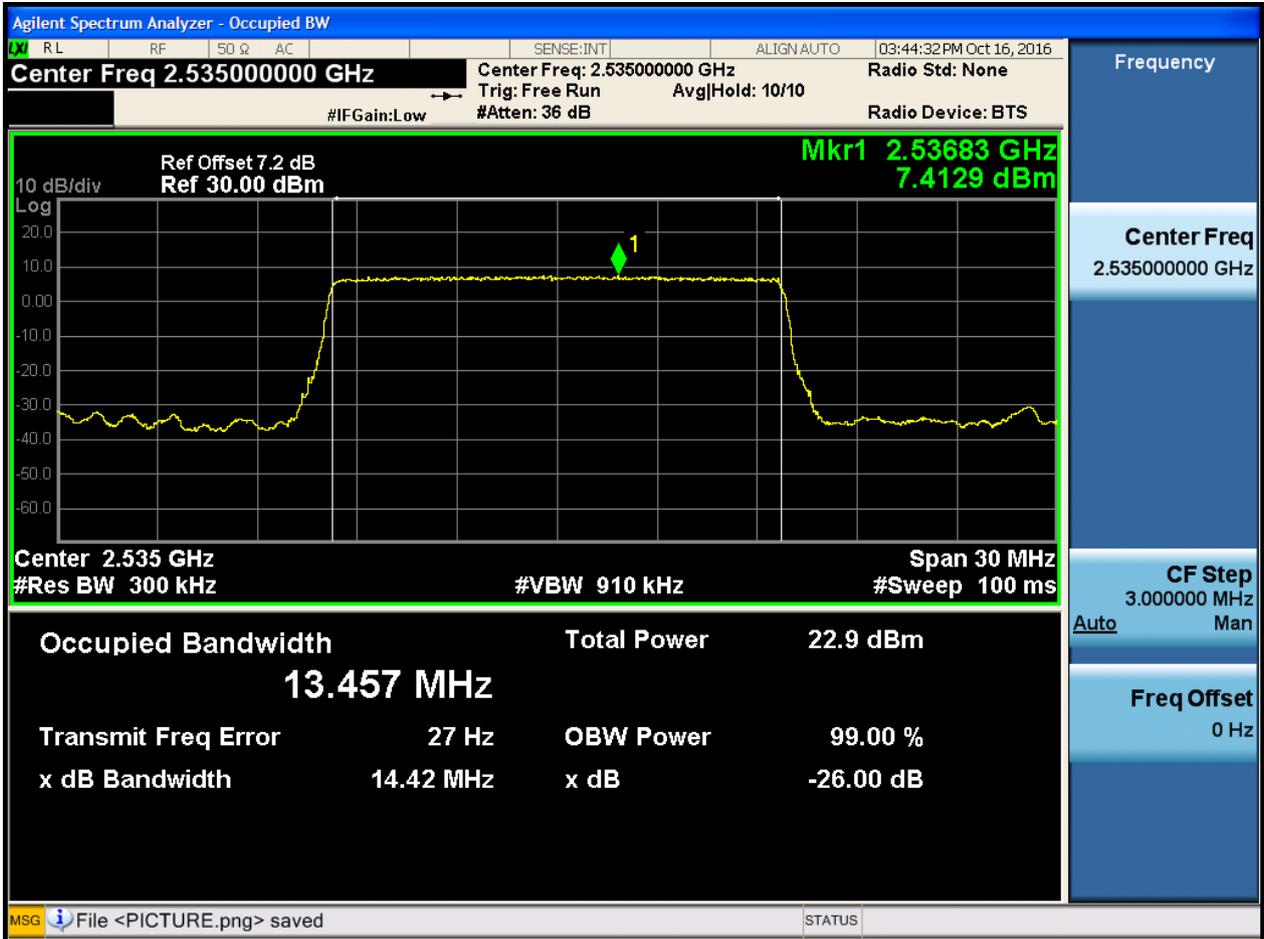
4.1.1.1.3.1.1 Test RB = RB75#0





4.1.1.1.3.2 Test Channel = MCH

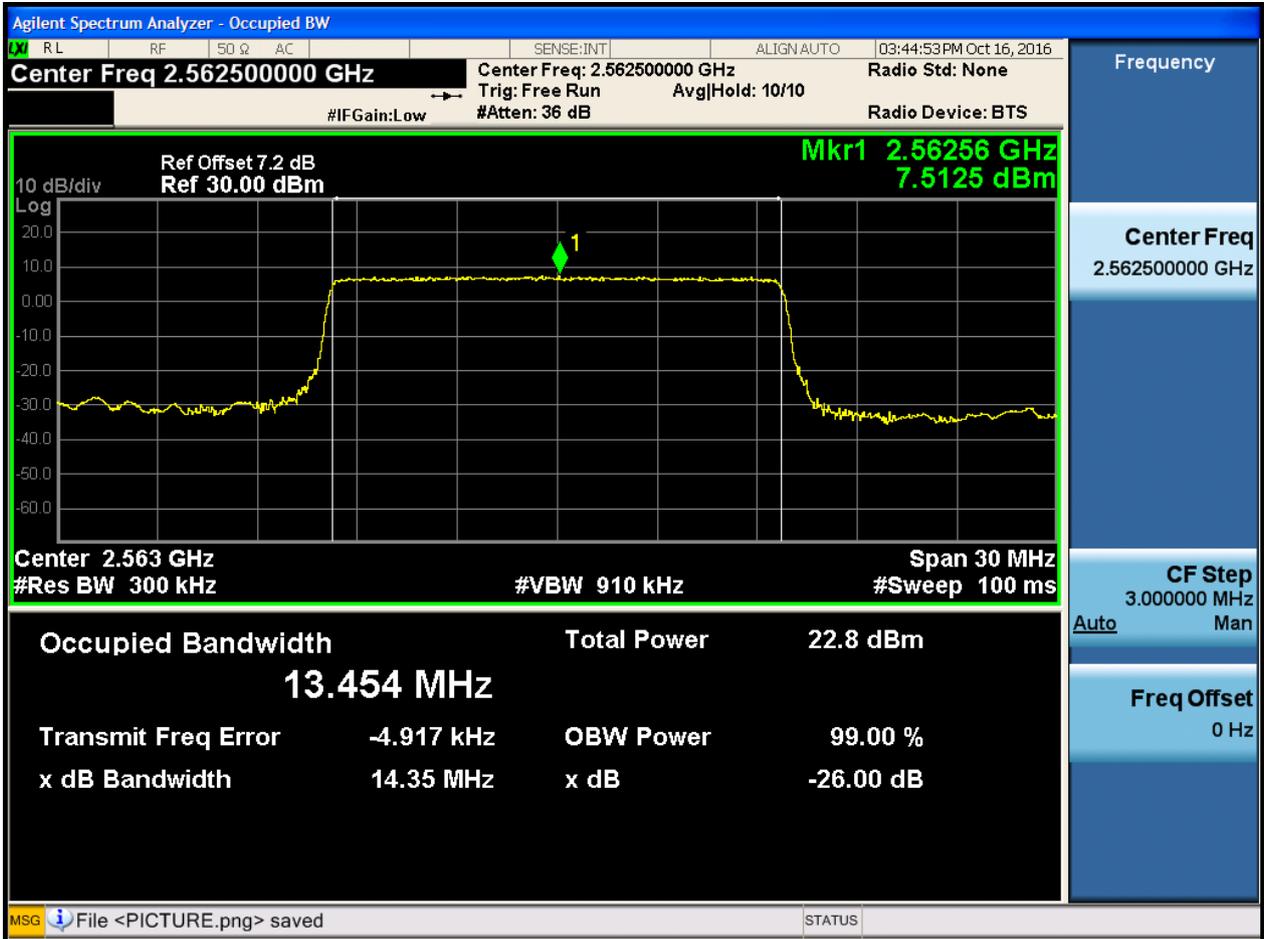
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

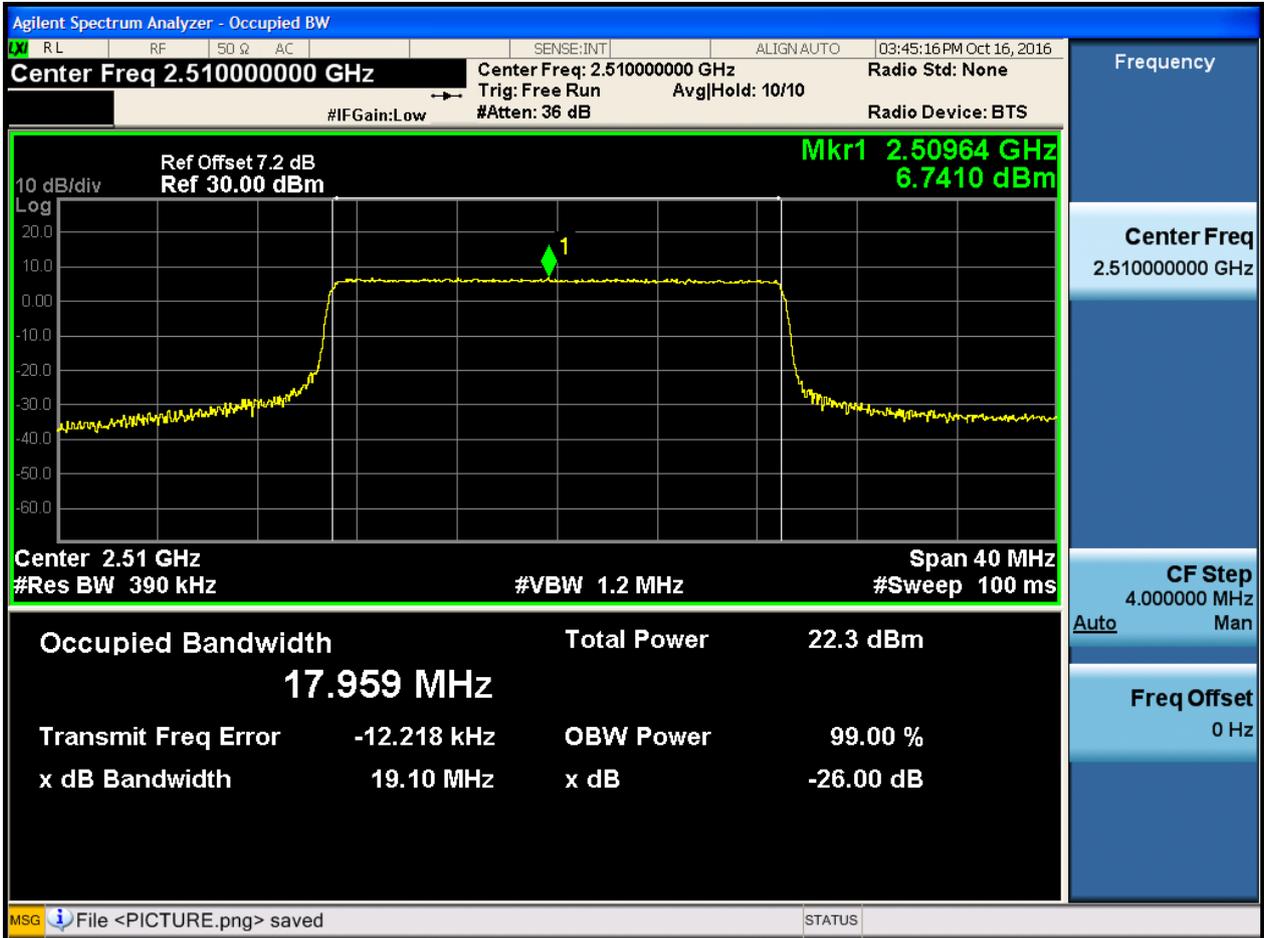




4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

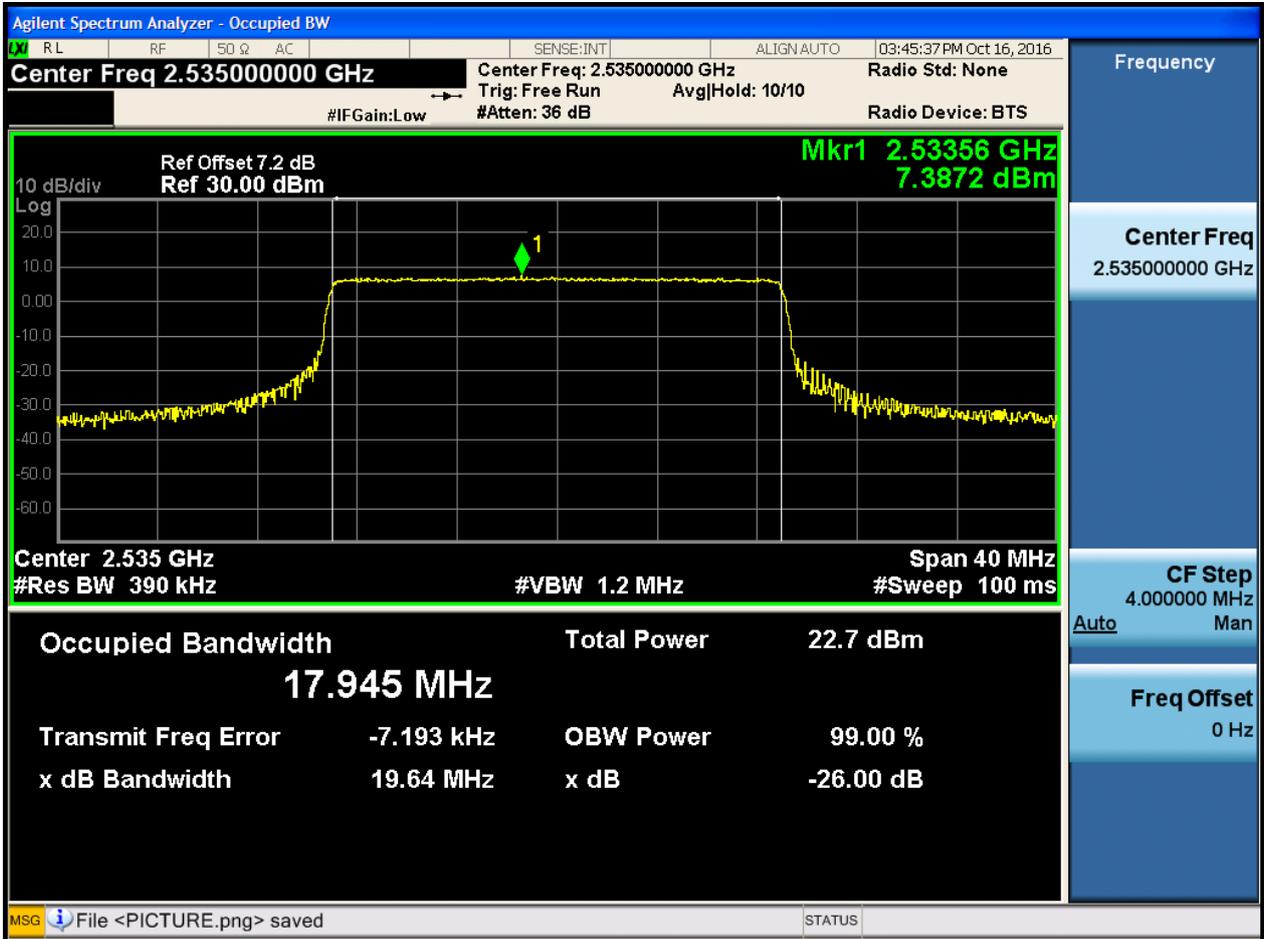
4.1.1.1.4.1.1 Test RB = RB100#0





4.1.1.1.4.2 Test Channel = MCH

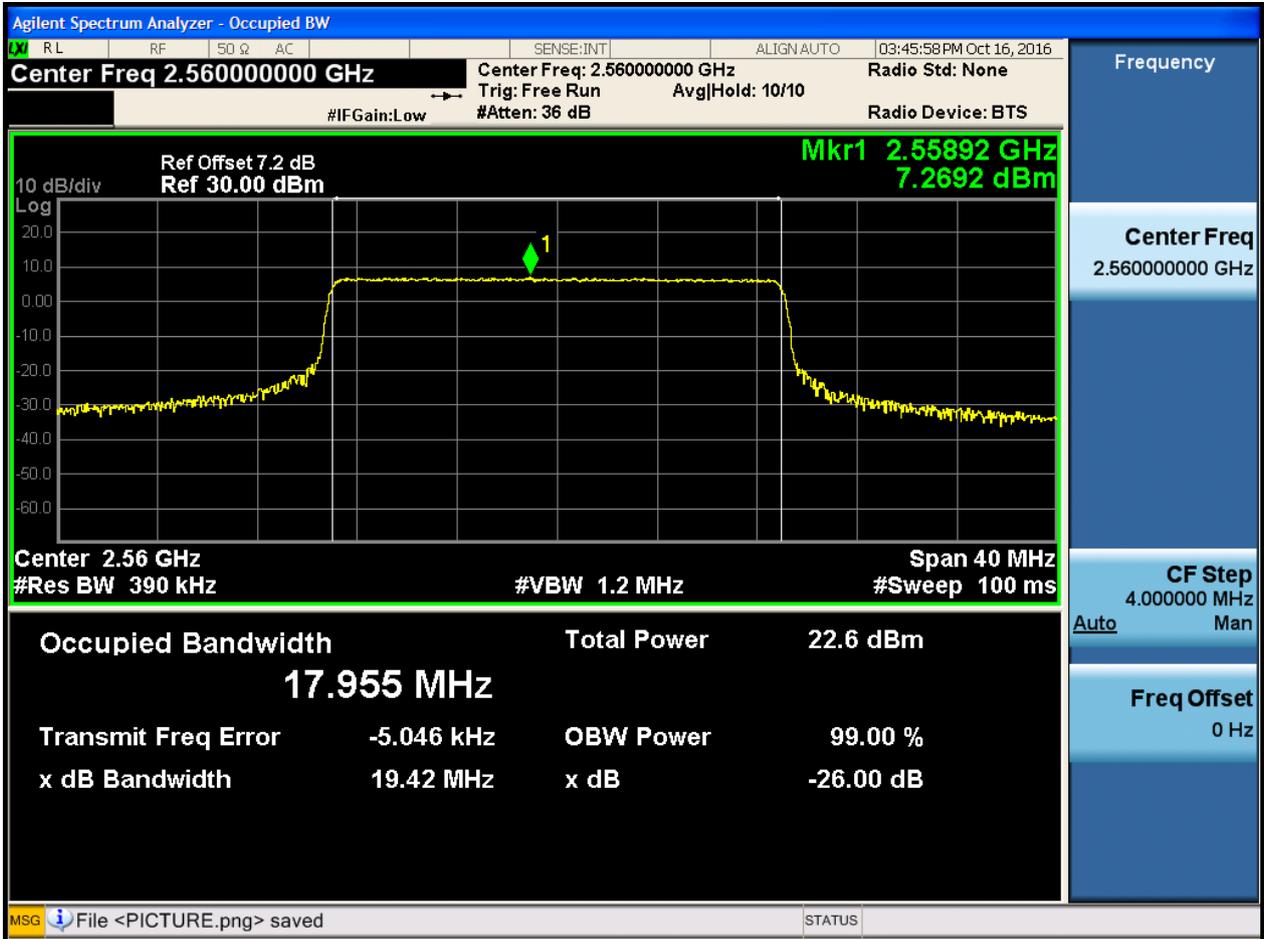
4.1.1.1.4.2.1 Test RB = RB100#0





4.1.1.1..3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



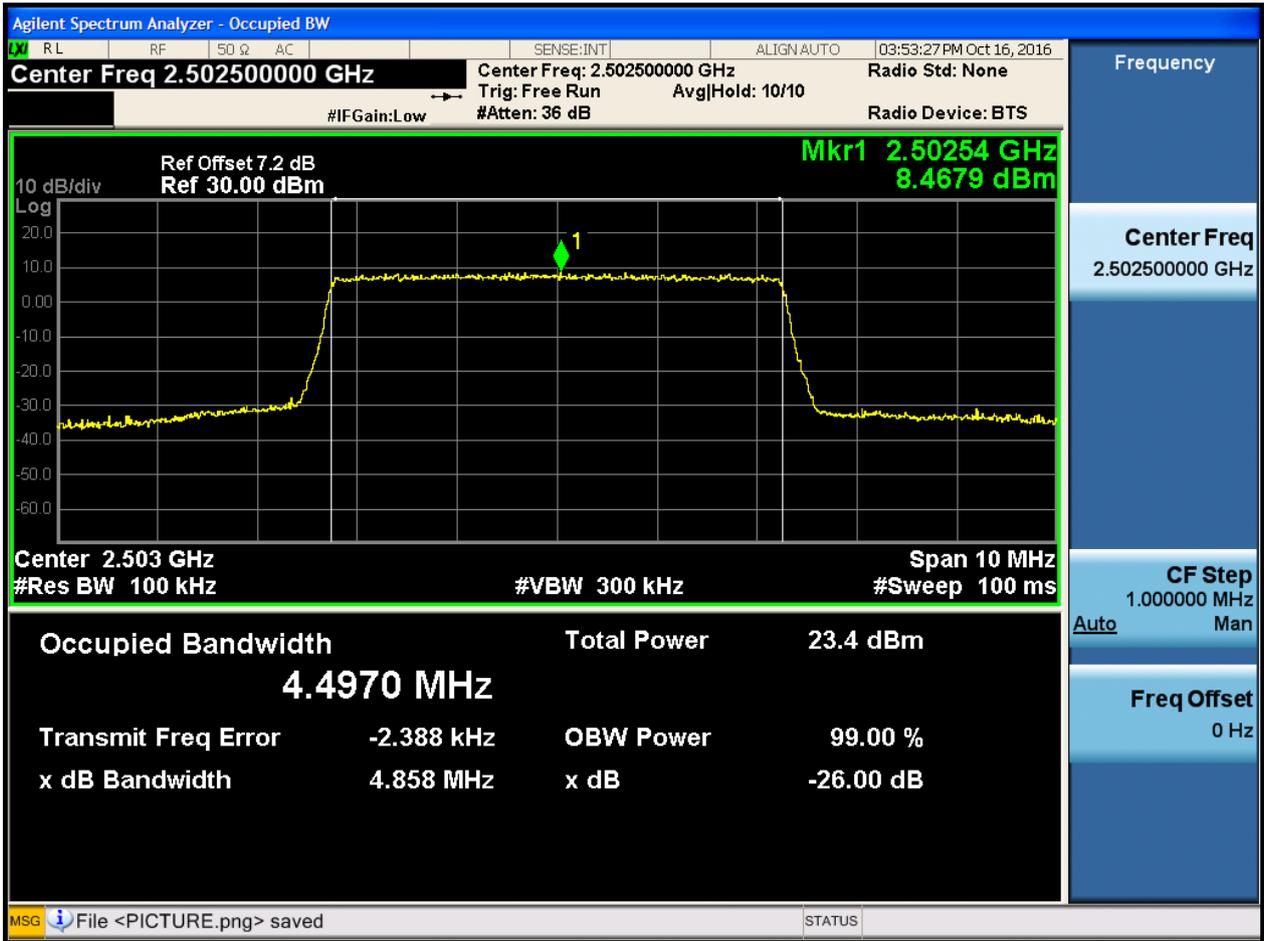


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

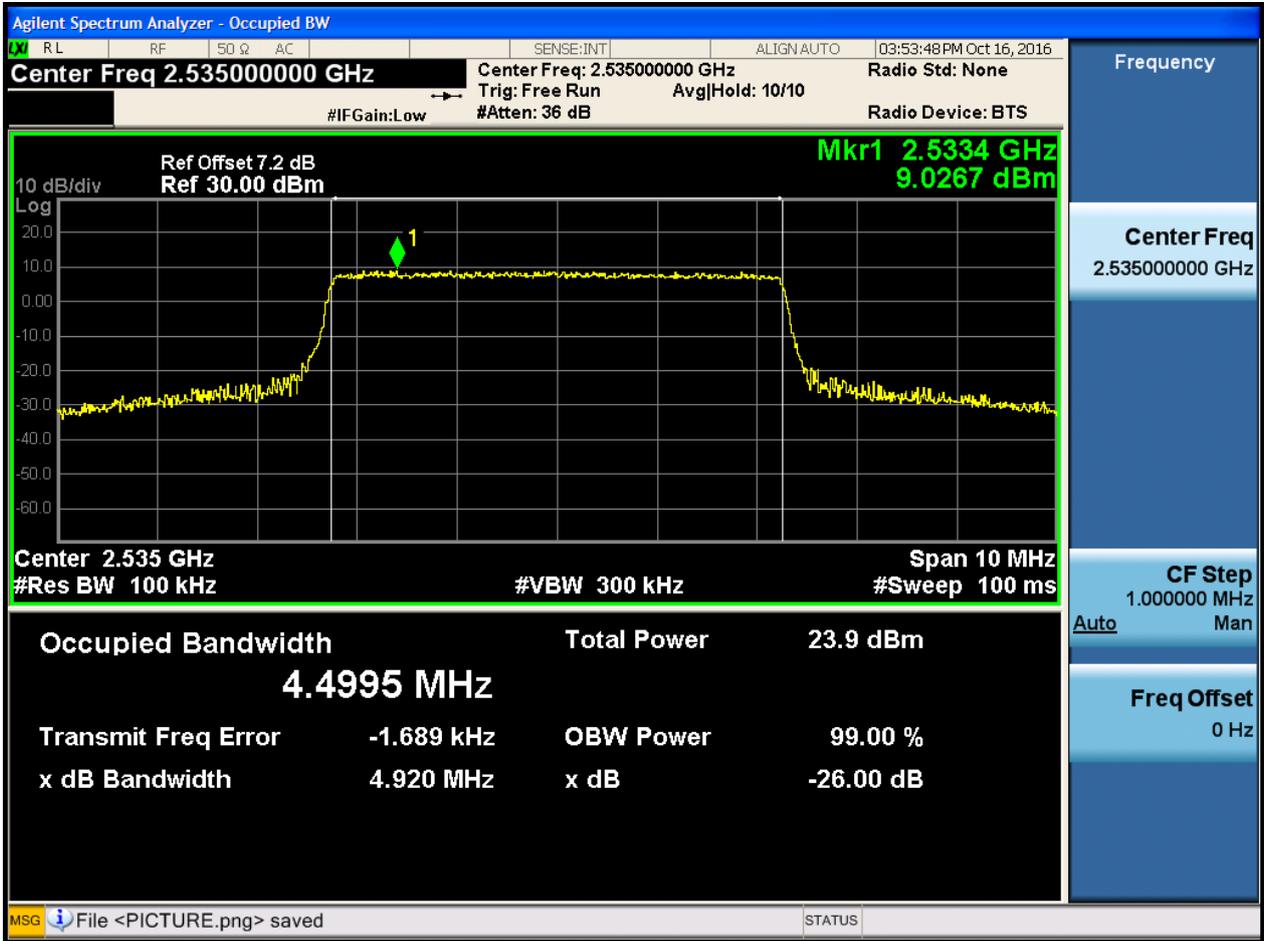
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

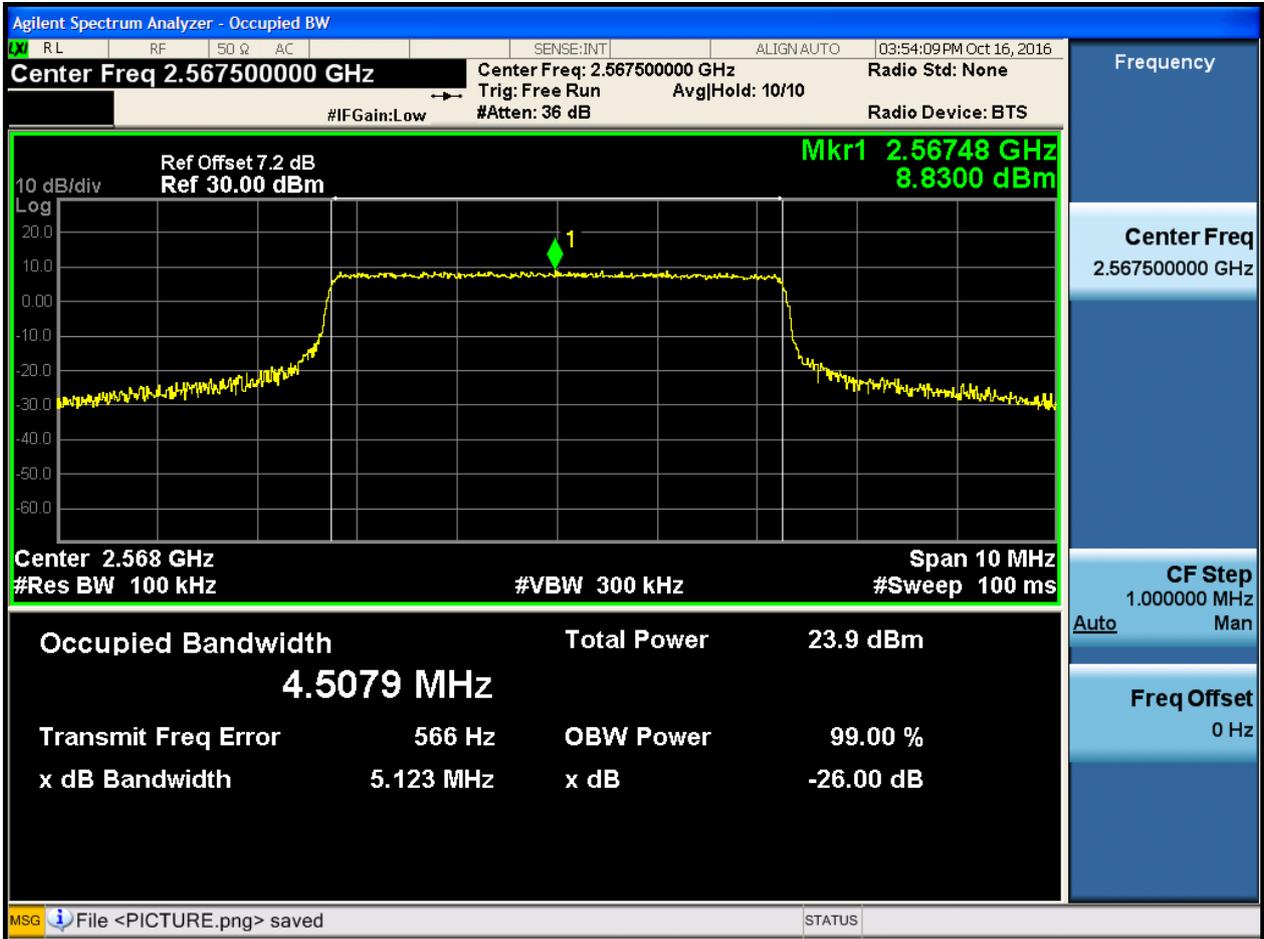
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

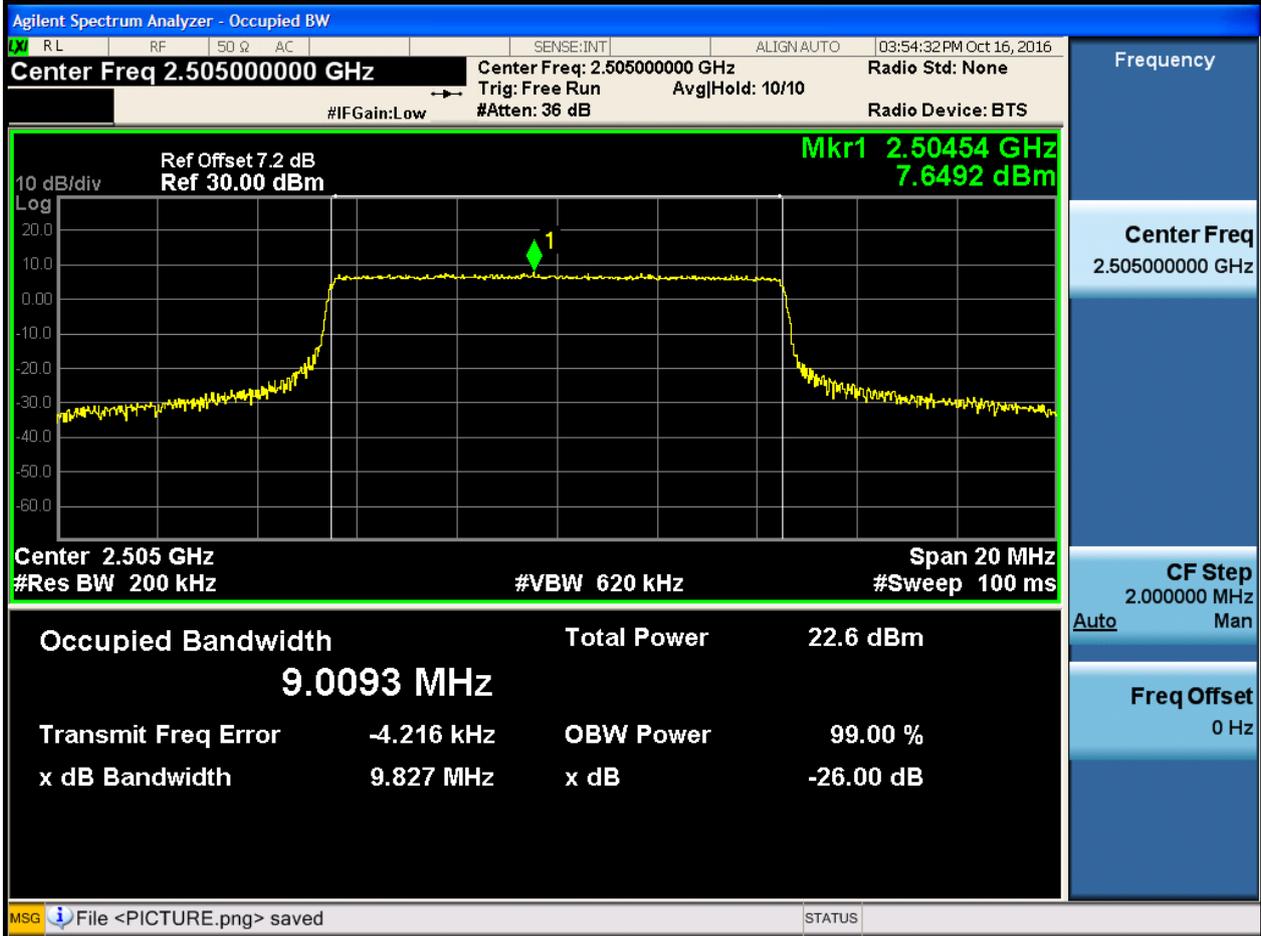




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

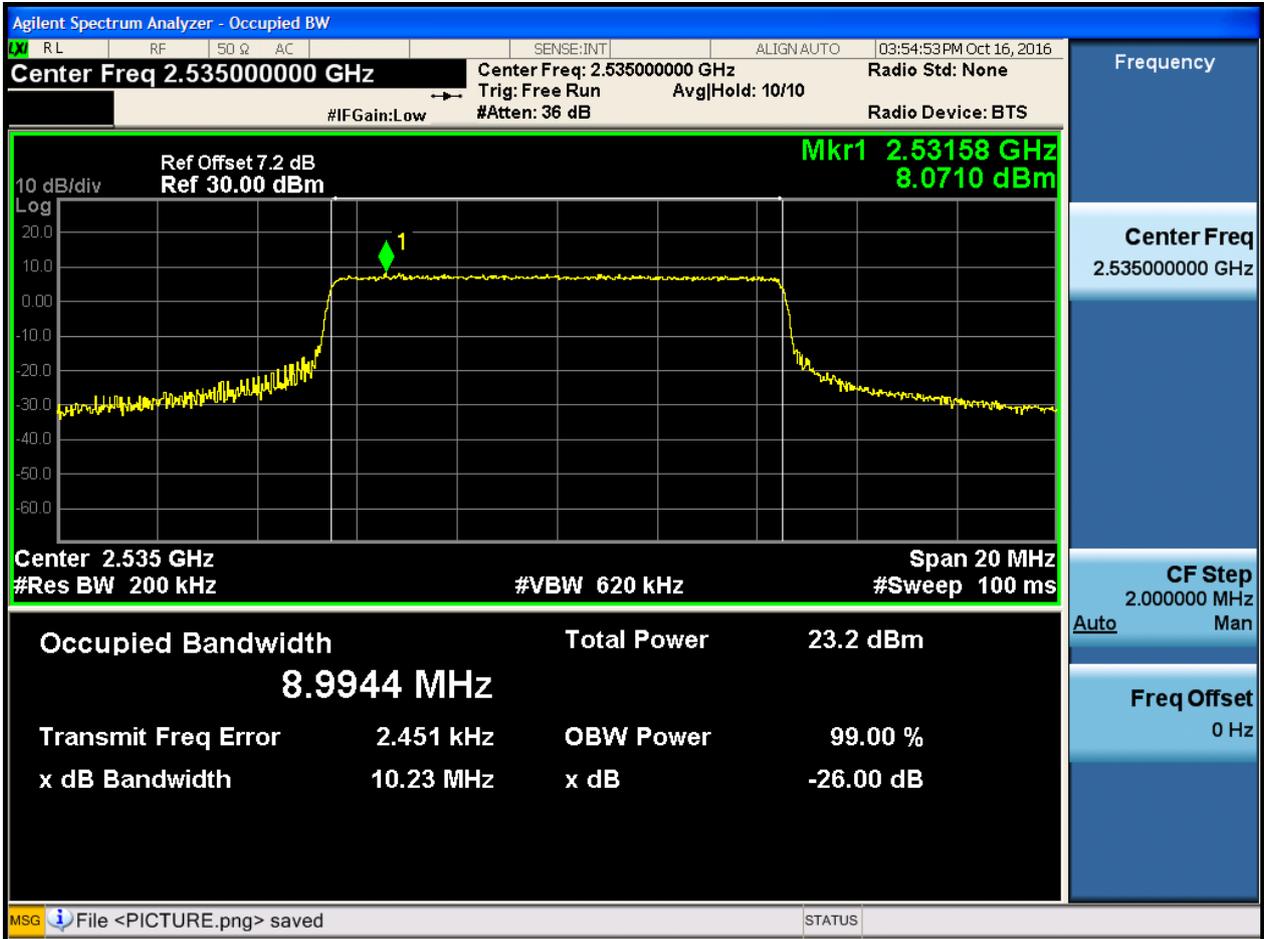
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

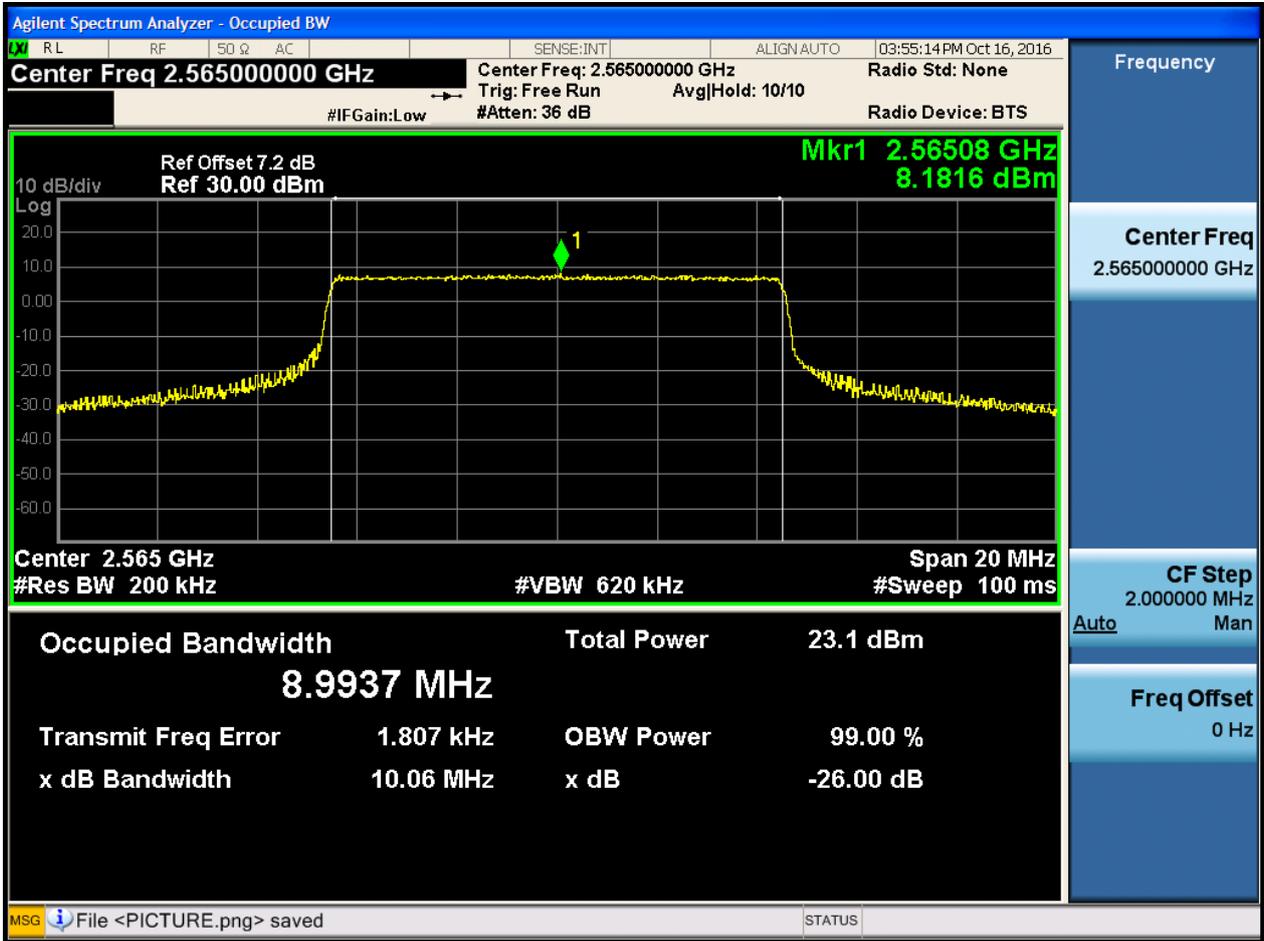
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

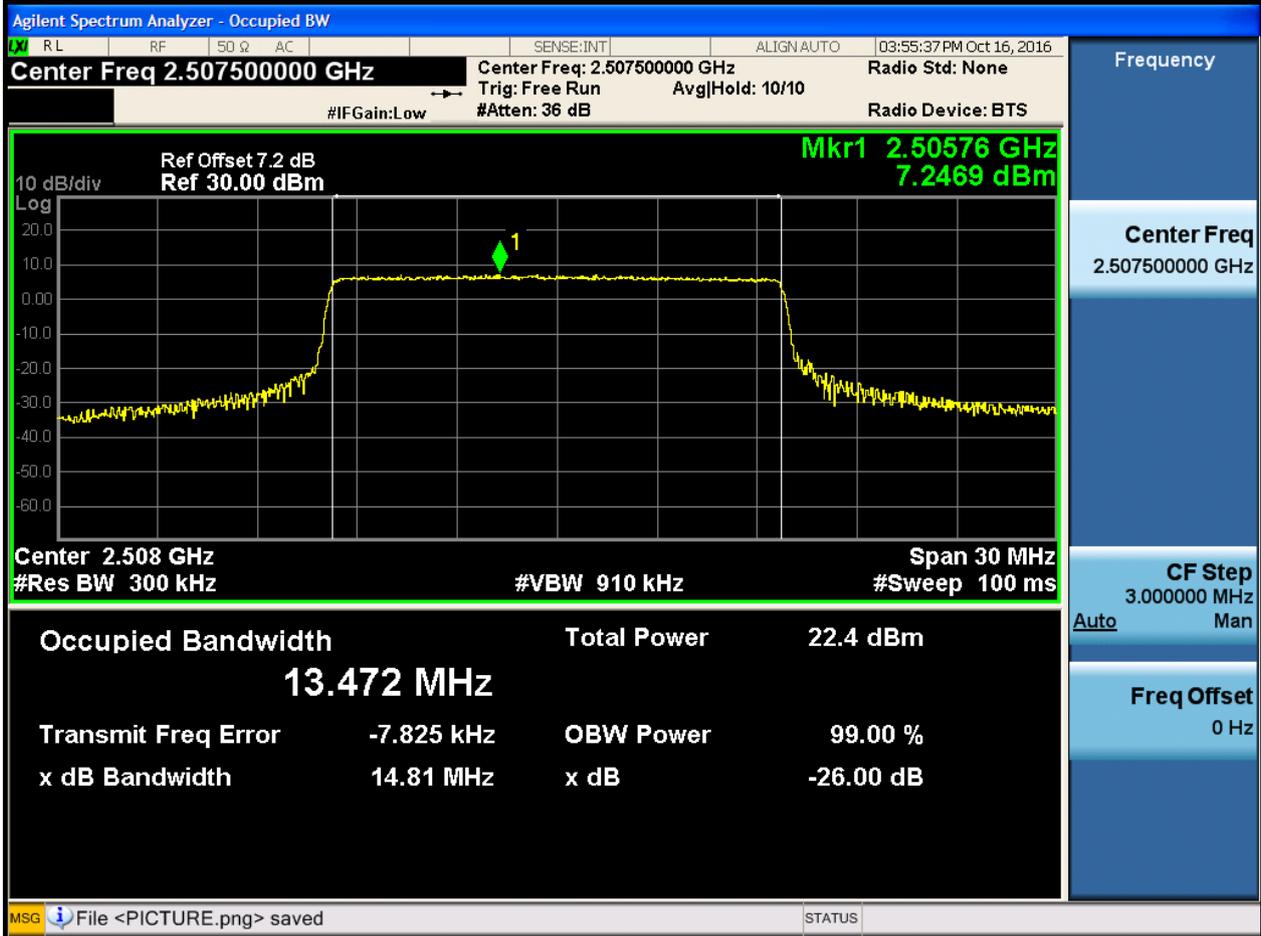




4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

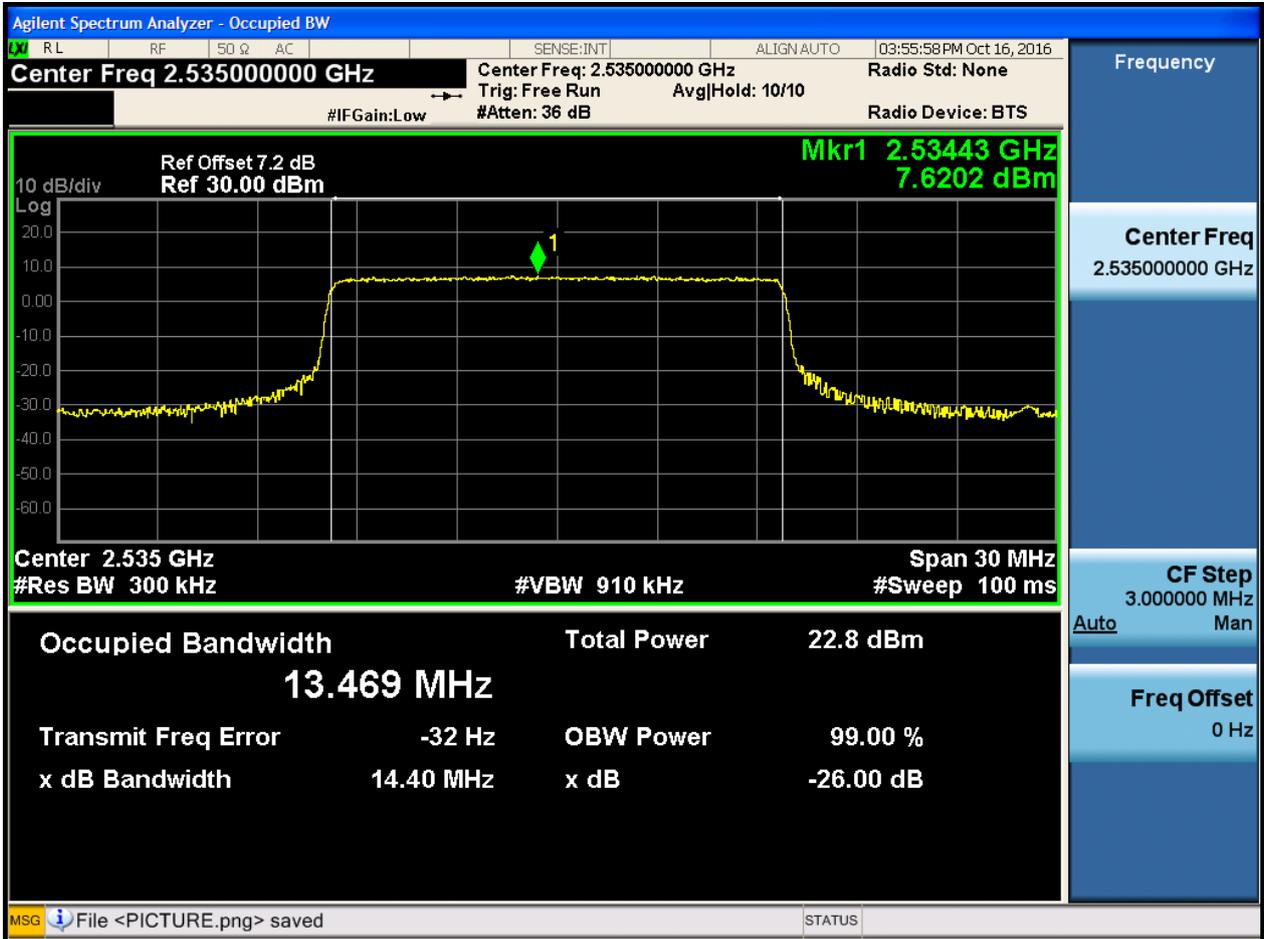
4.1.1.2.3.1.1 Test RB = RB75#0





4.1.1.2.3.2 Test Channel = MCH

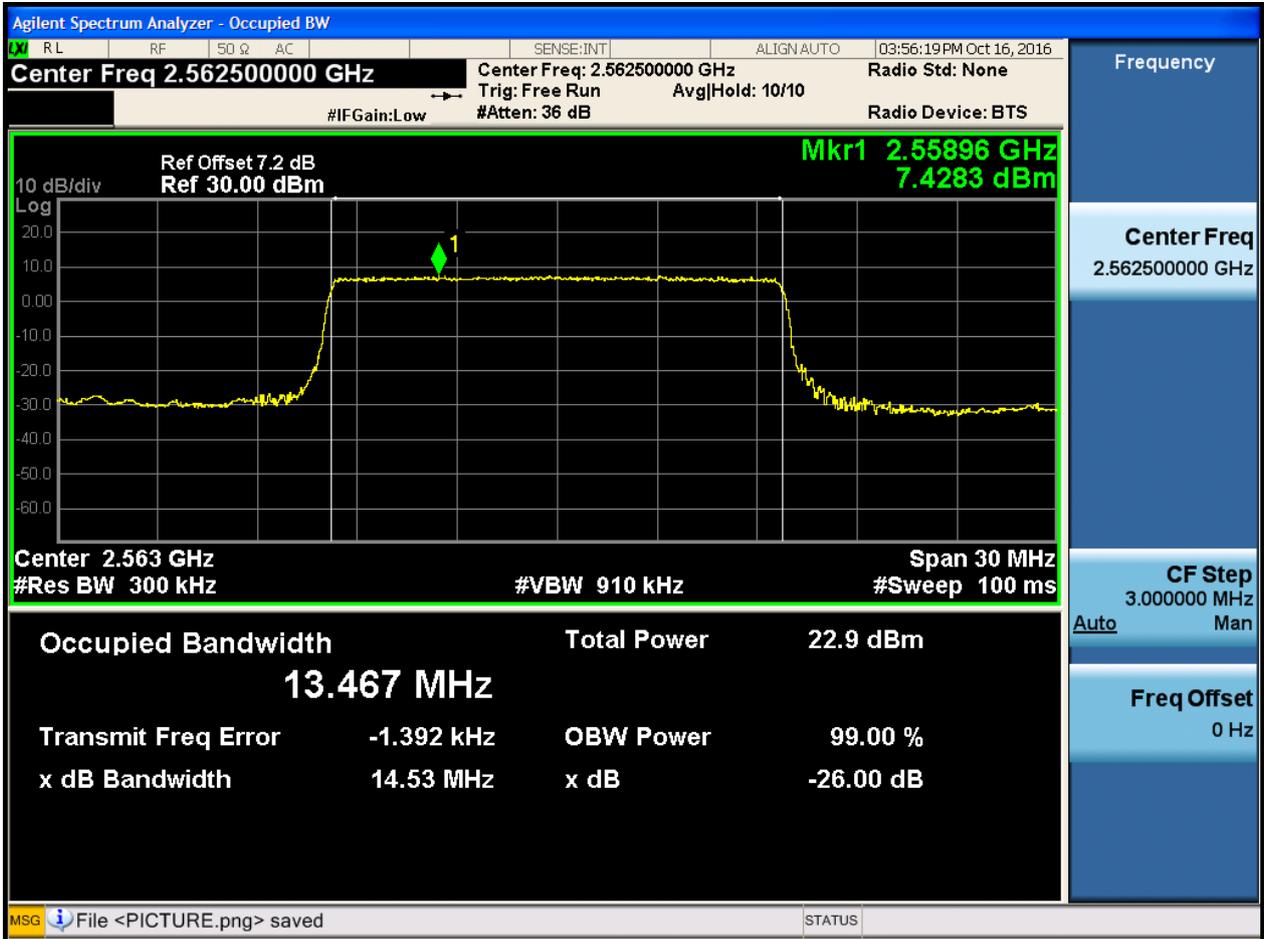
4.1.1.2.3.2.1 Test RB = RB75#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

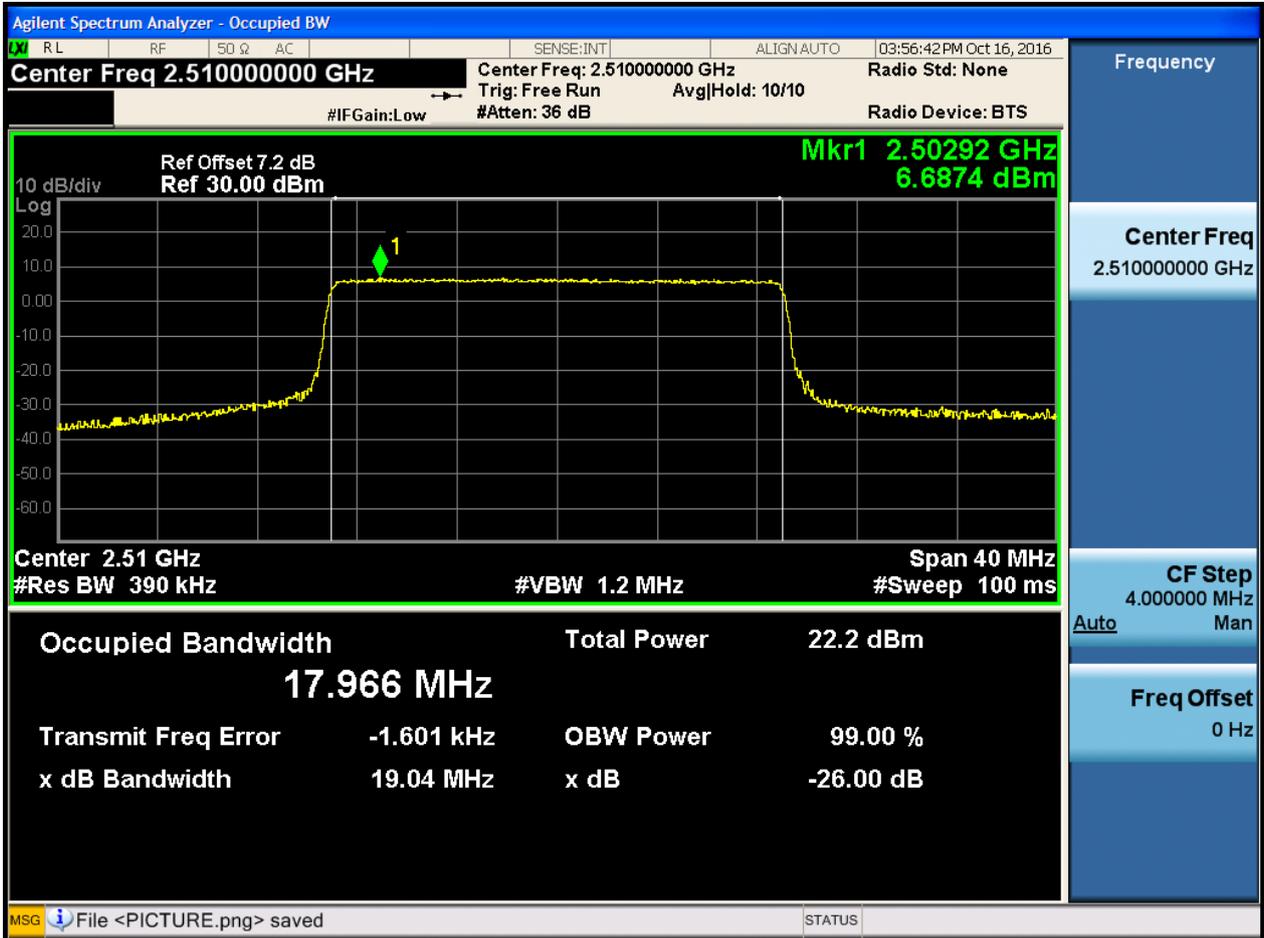




4.1.1.2.4 Test Bandwidth = 20

4.1.1.2.4.1 Test Channel = LCH

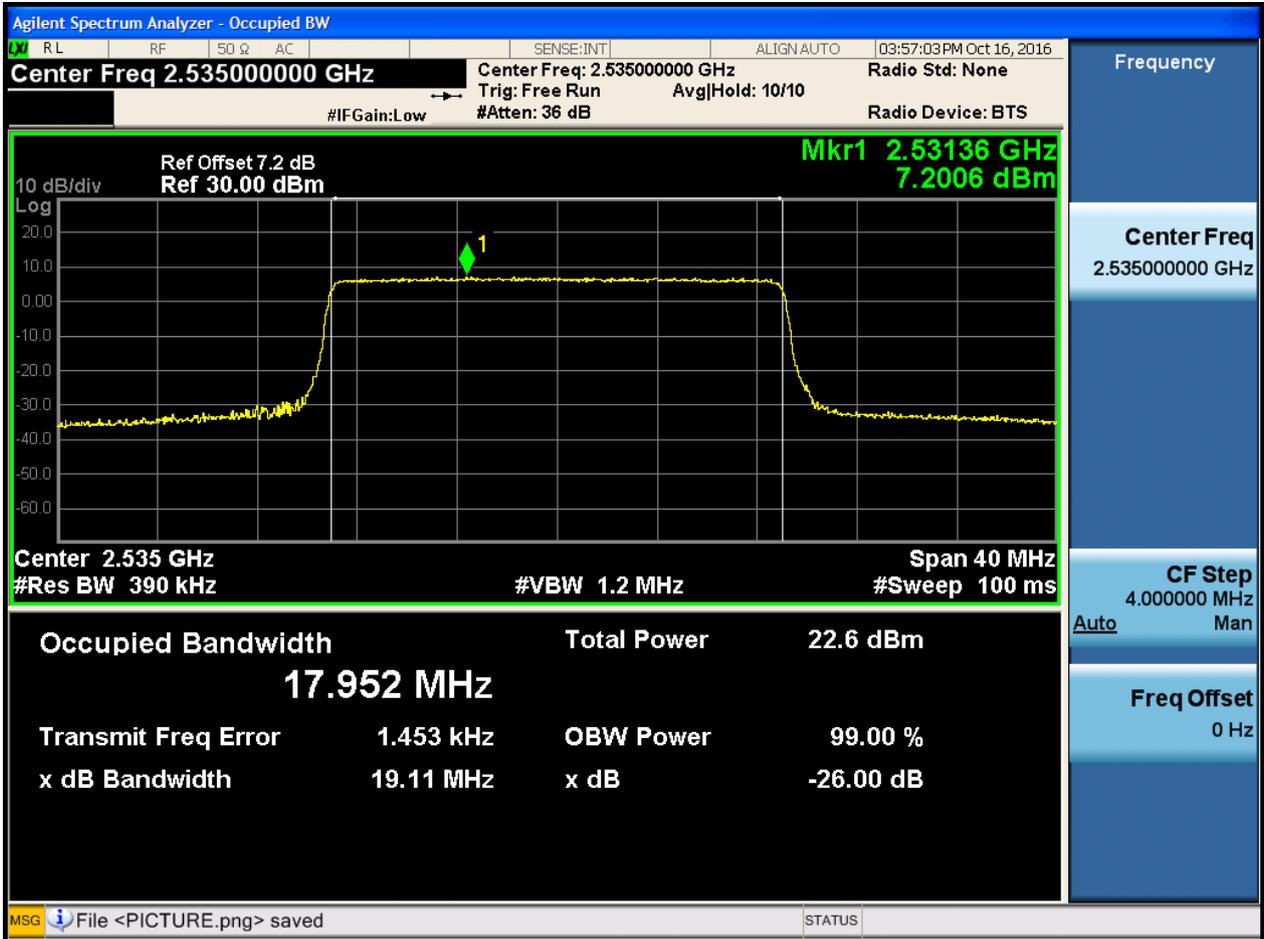
4.1.1.2.4.1.1 Test RB = RB100#0





4.1.1.2.4.2 Test Channel = MCH

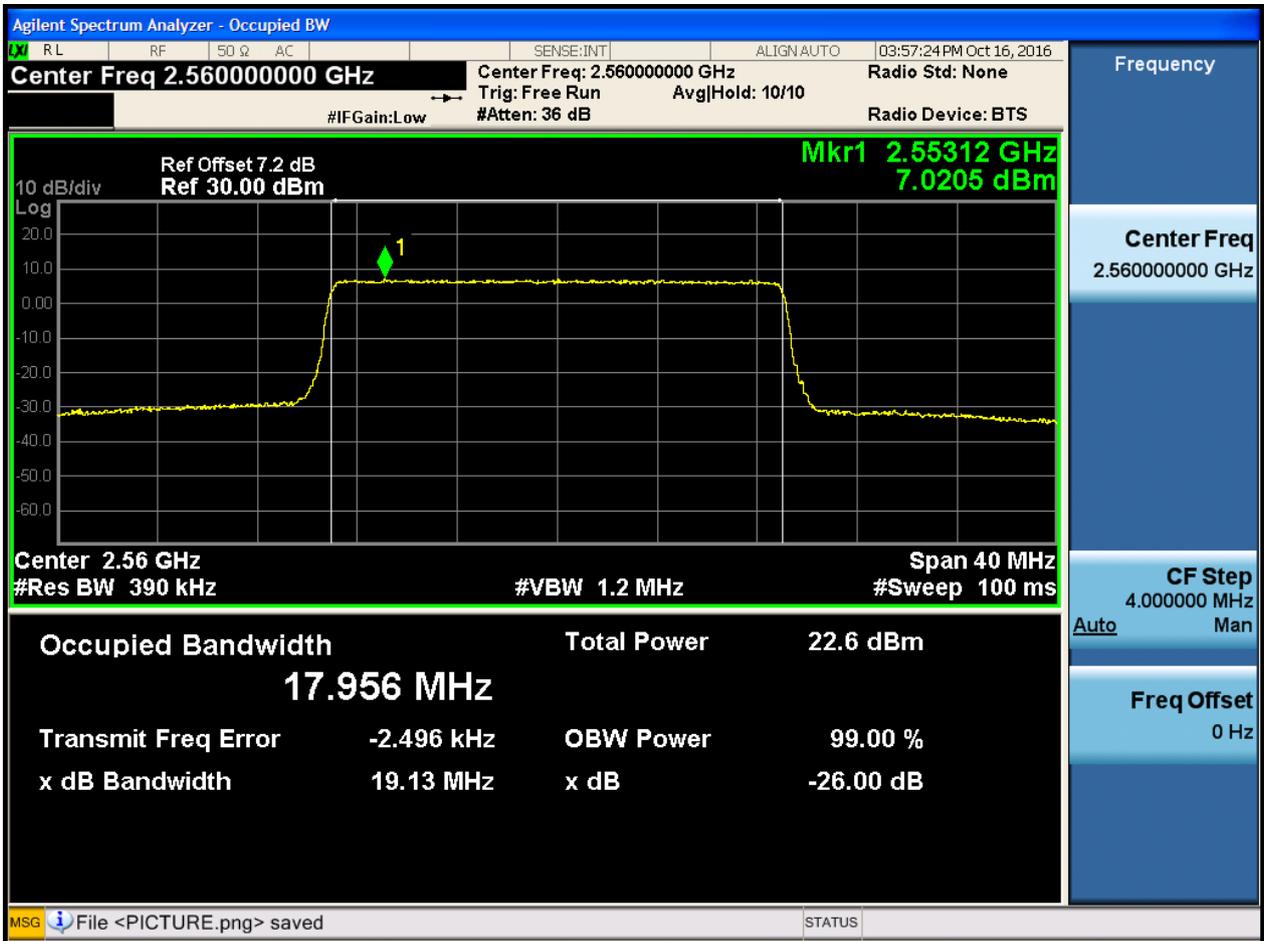
4.1.1.2.4.2.1 Test RB = RB100#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB100#0





## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

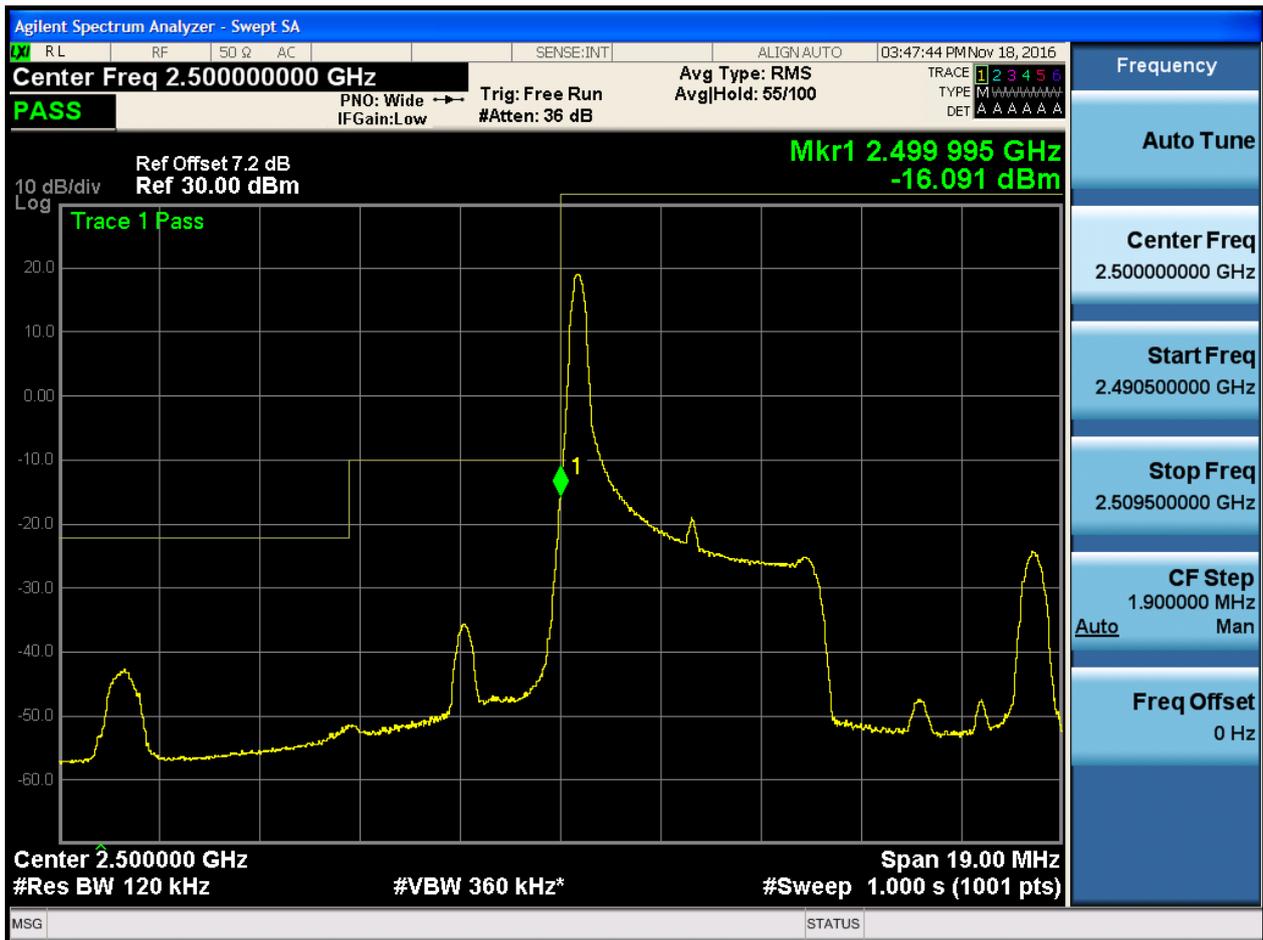
##### 5.1.1 Test Band = BAND7

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

##### 5.1.1.1.1 Test Bandwidth = 5

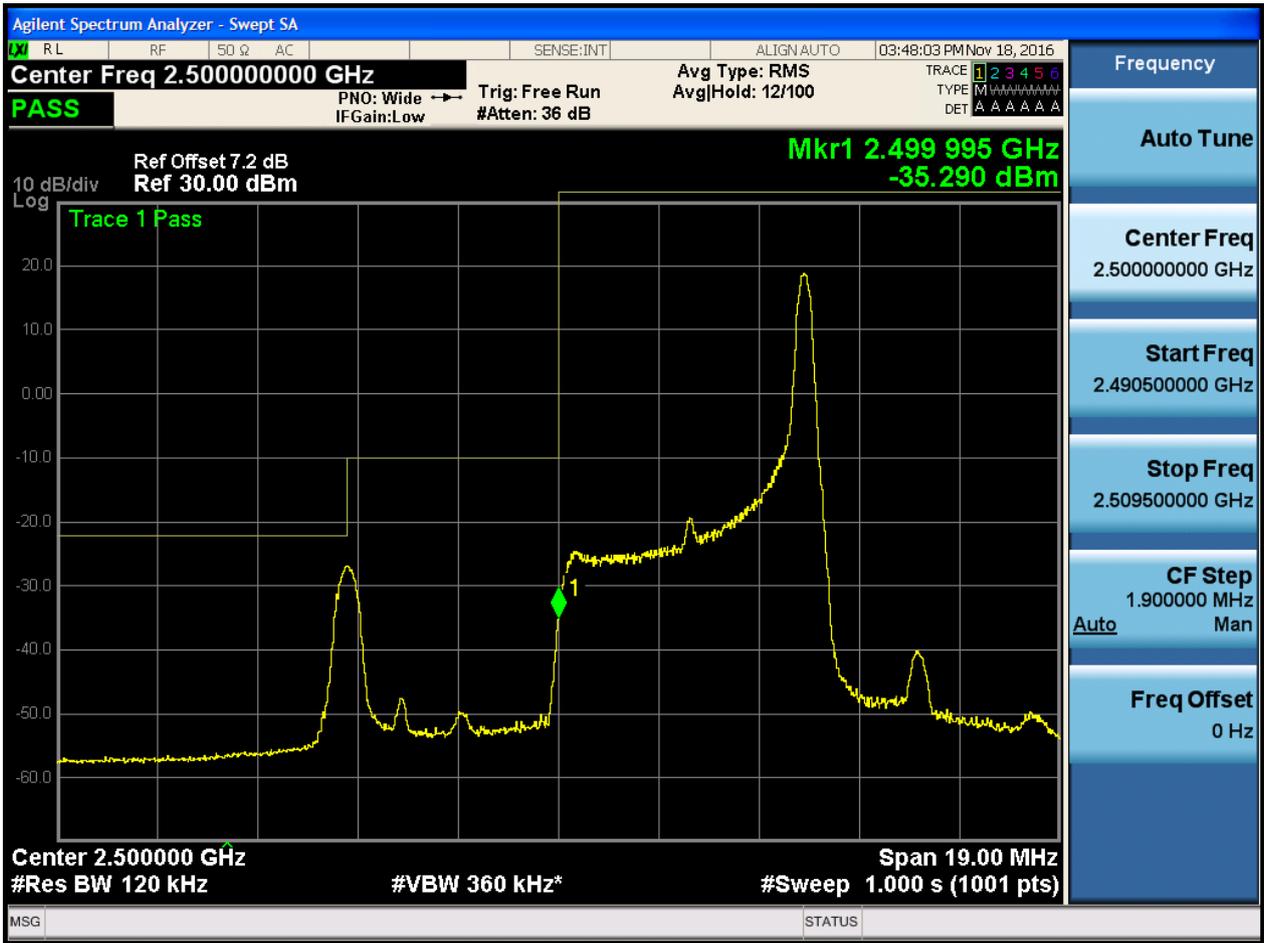
##### 5.1.1.1.1.1 Test Channel = LCH

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



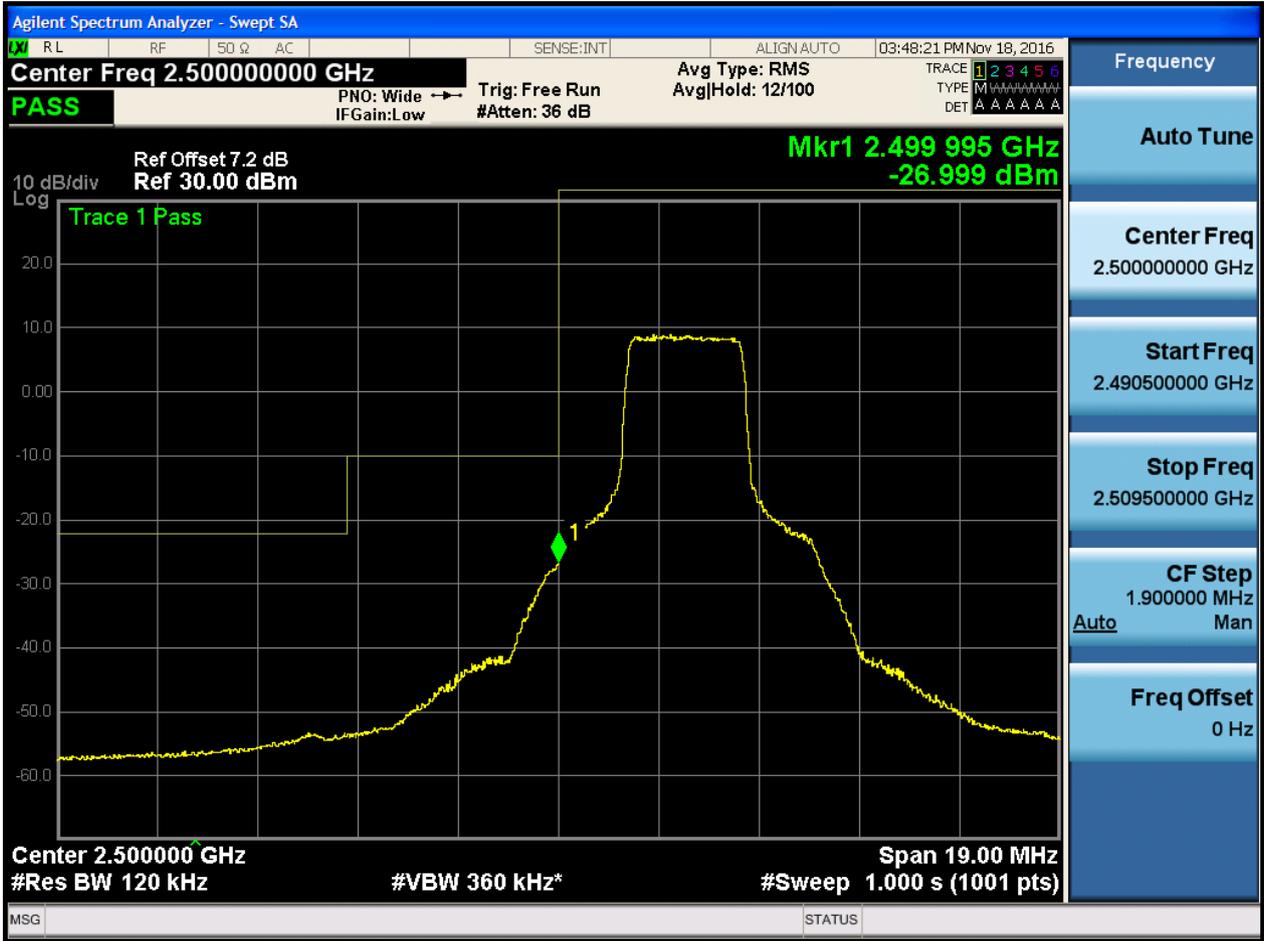


5.1.1.1.1.2 Test RB = RB1#24





5.1.1.1.1.3 Test RB = RB12#6





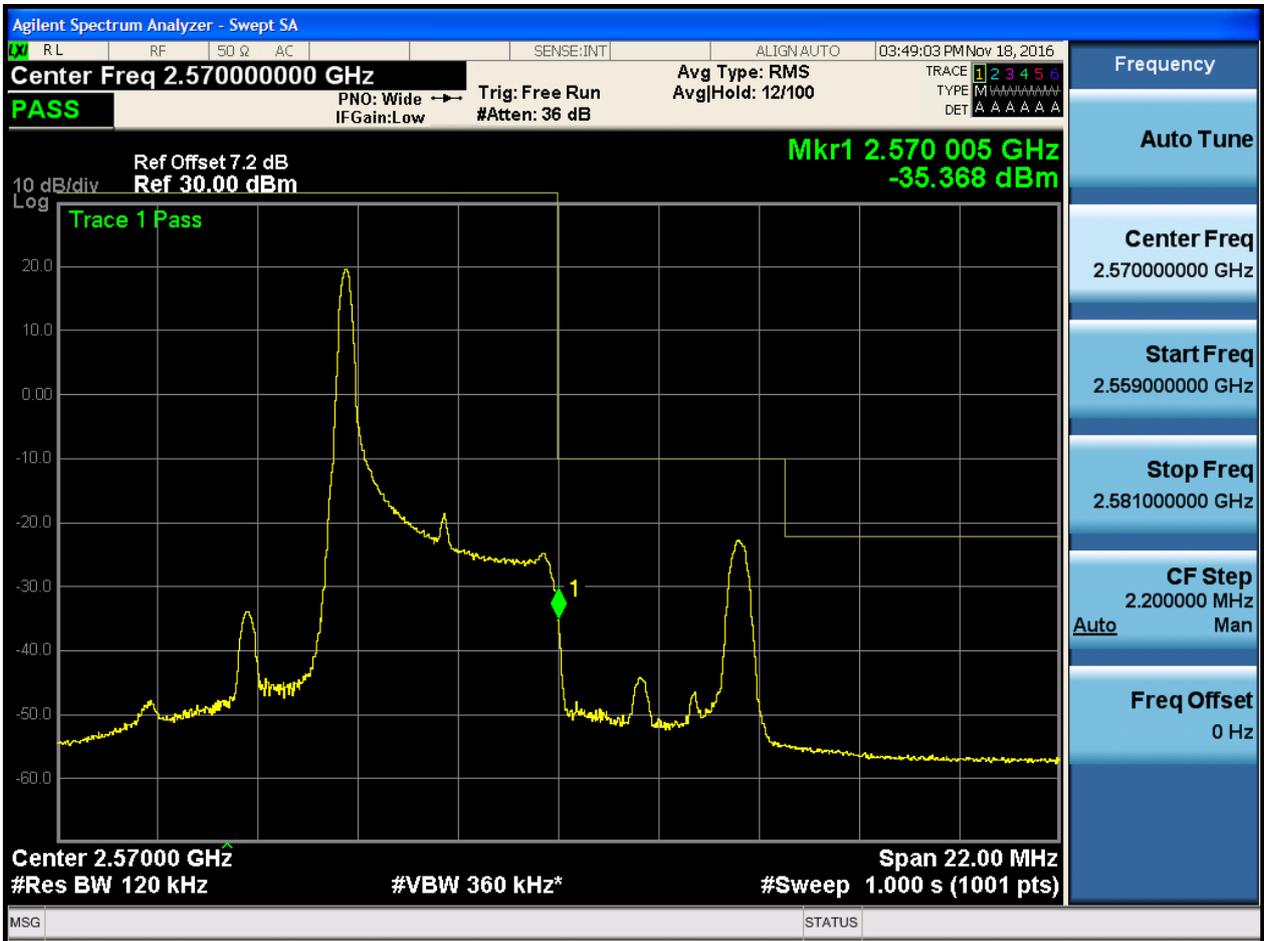
5.1.1.1.1.4 Test RB = RB25#0





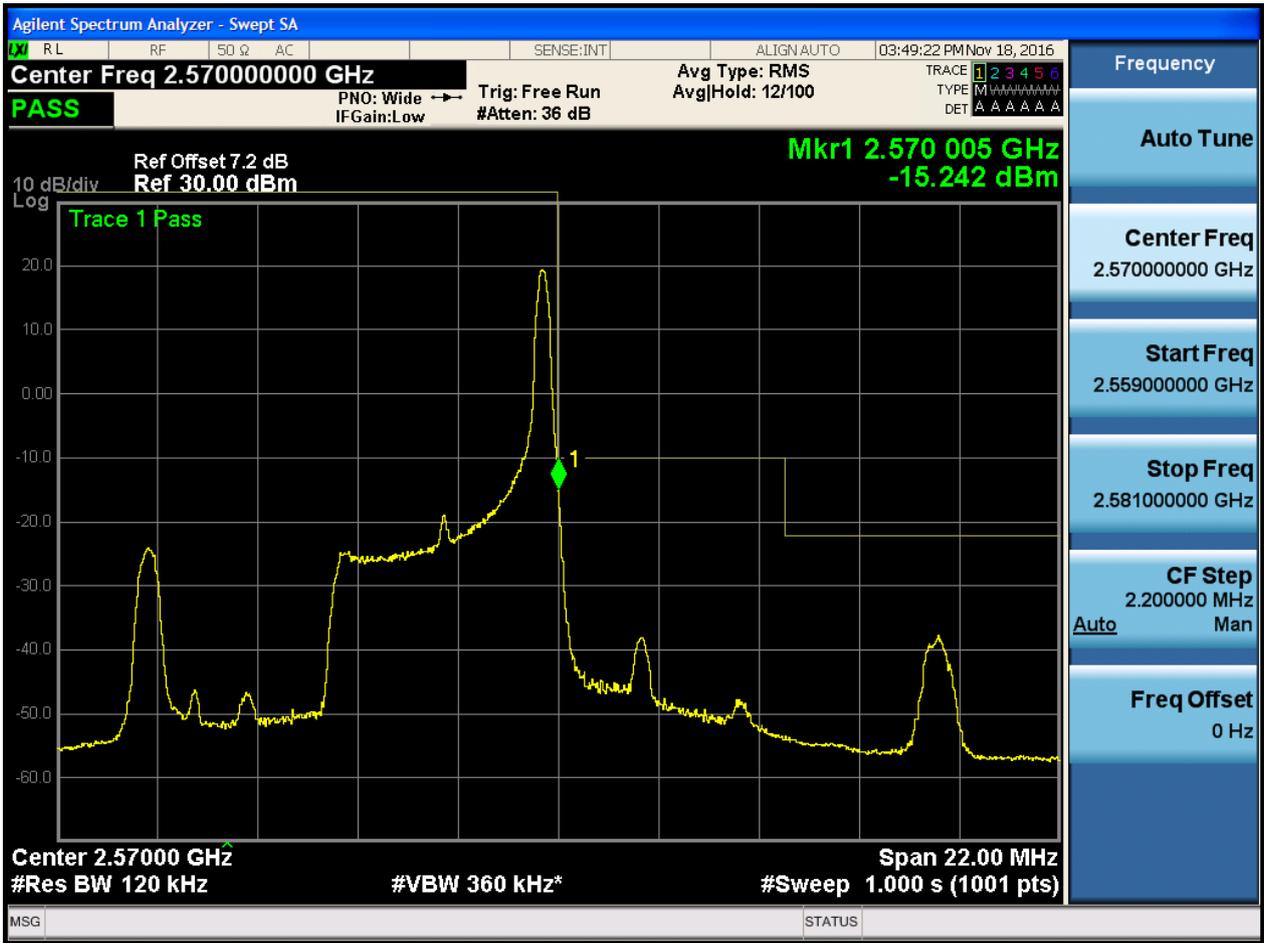
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



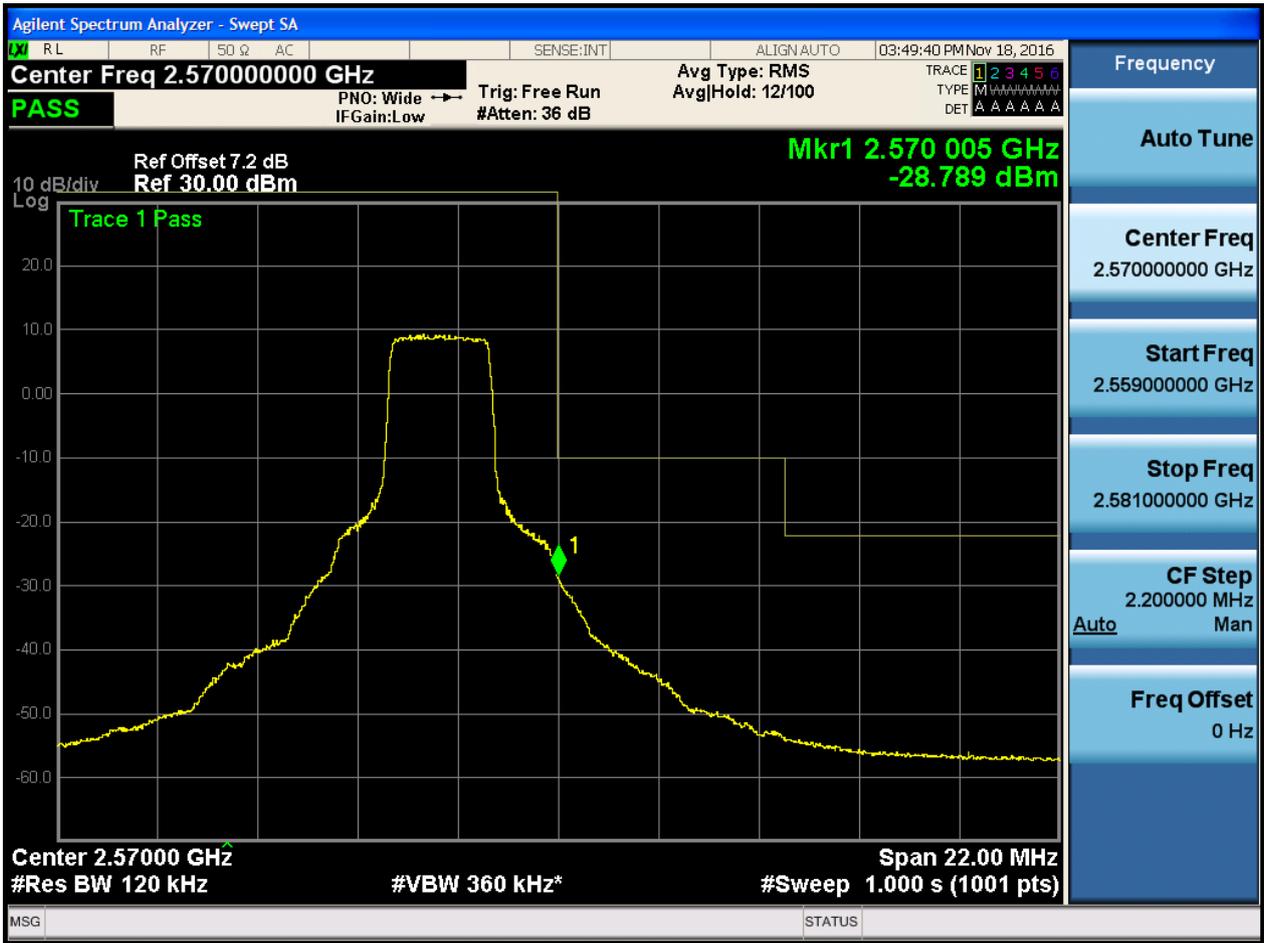


5.1.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.1.2.4 Test RB = RB25#0

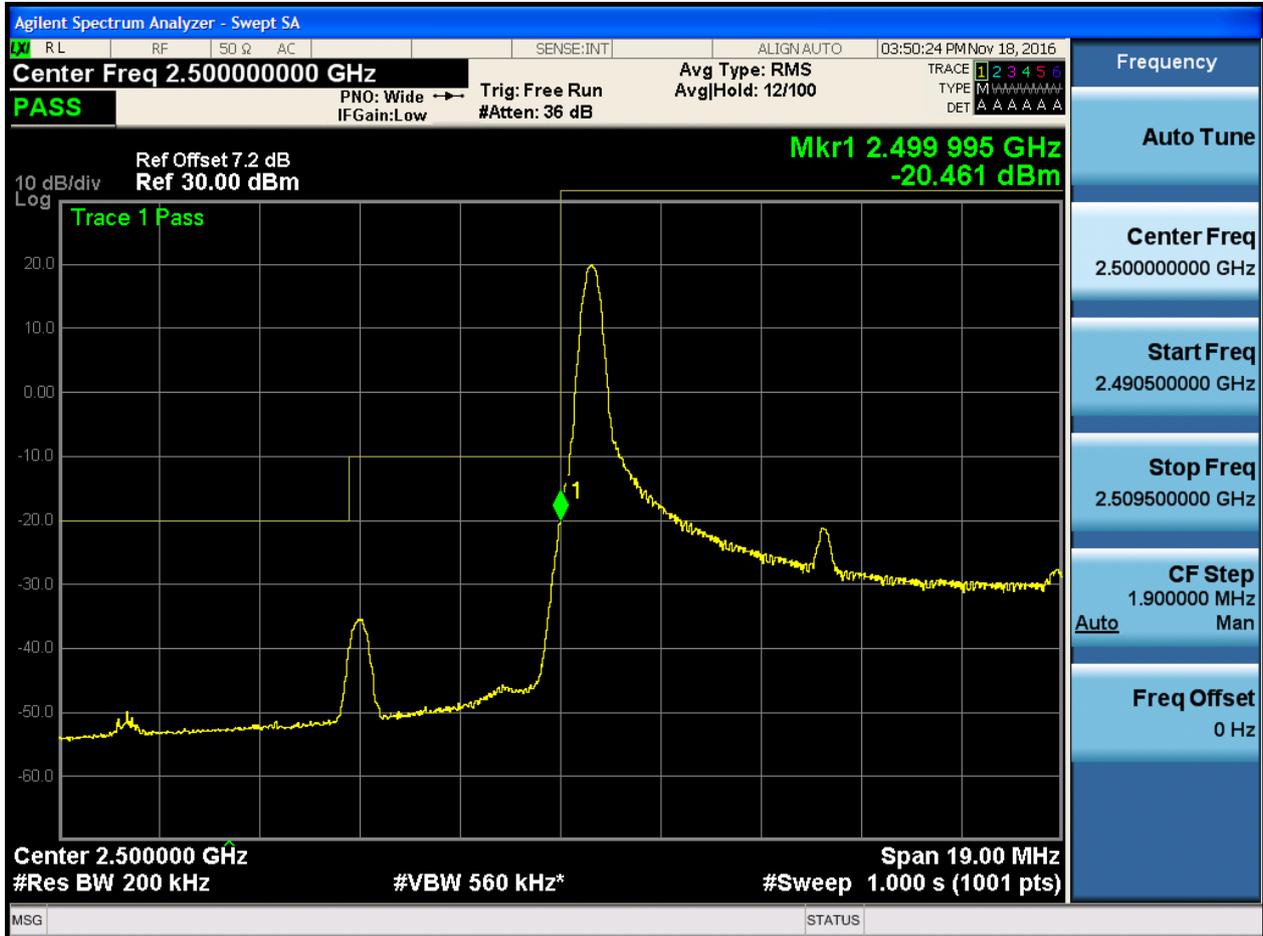




5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



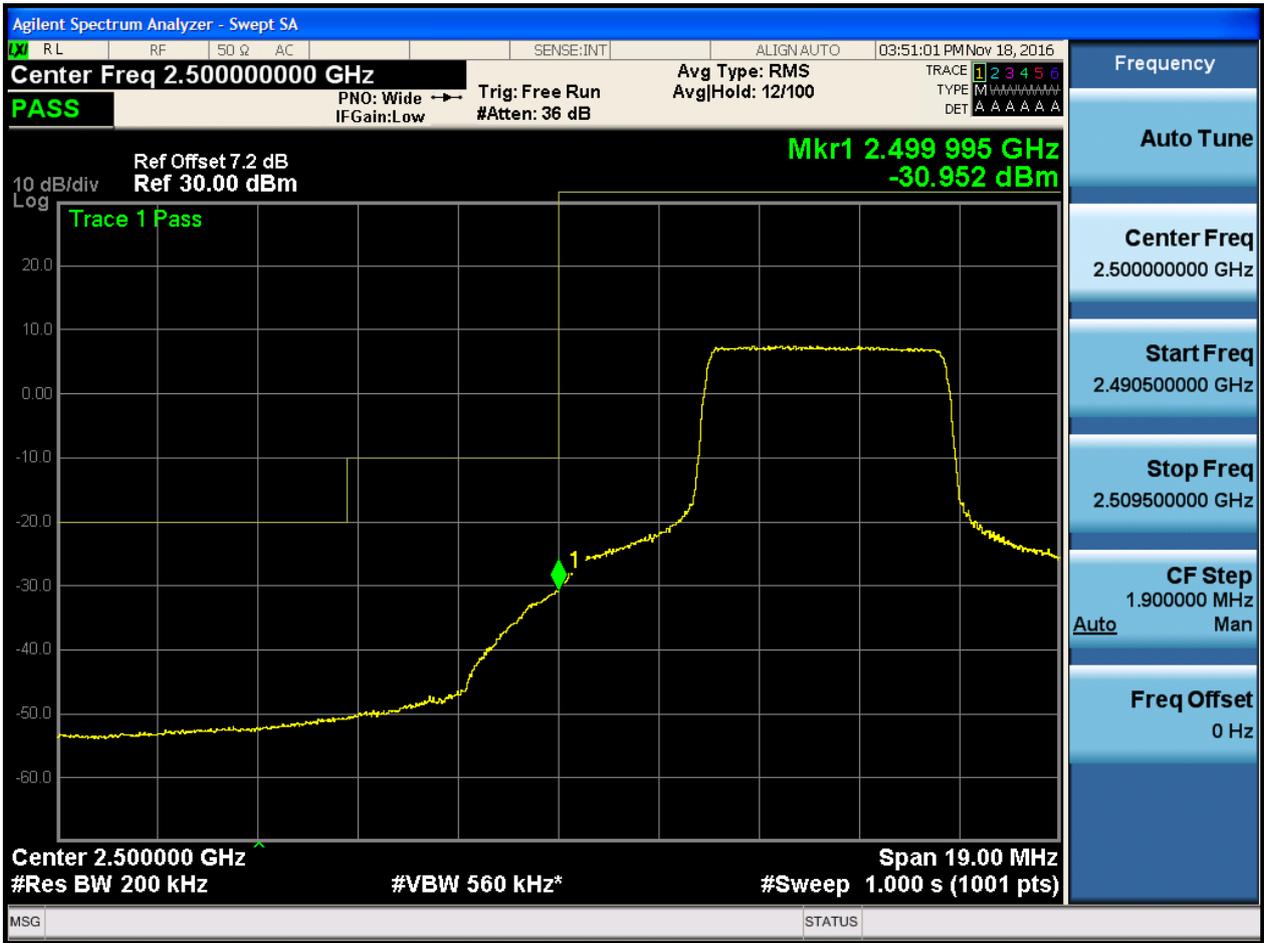


5.1.1.1.2.1.2 Test RB = RB1#49





5.1.1.1.2.1.3 Test RB = RB25#13





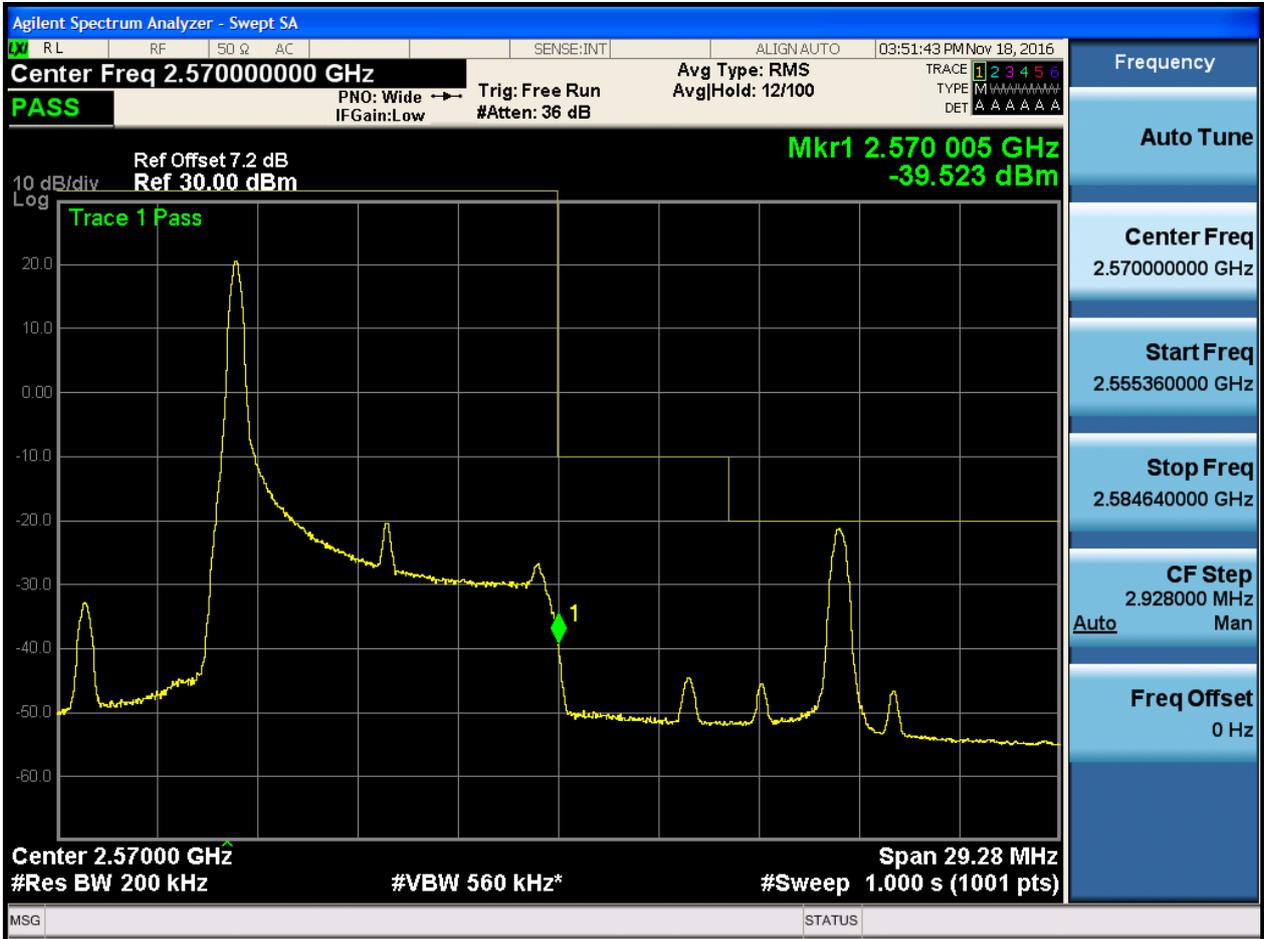
5.1.1.1.2.1.4 Test RB = RB50#0





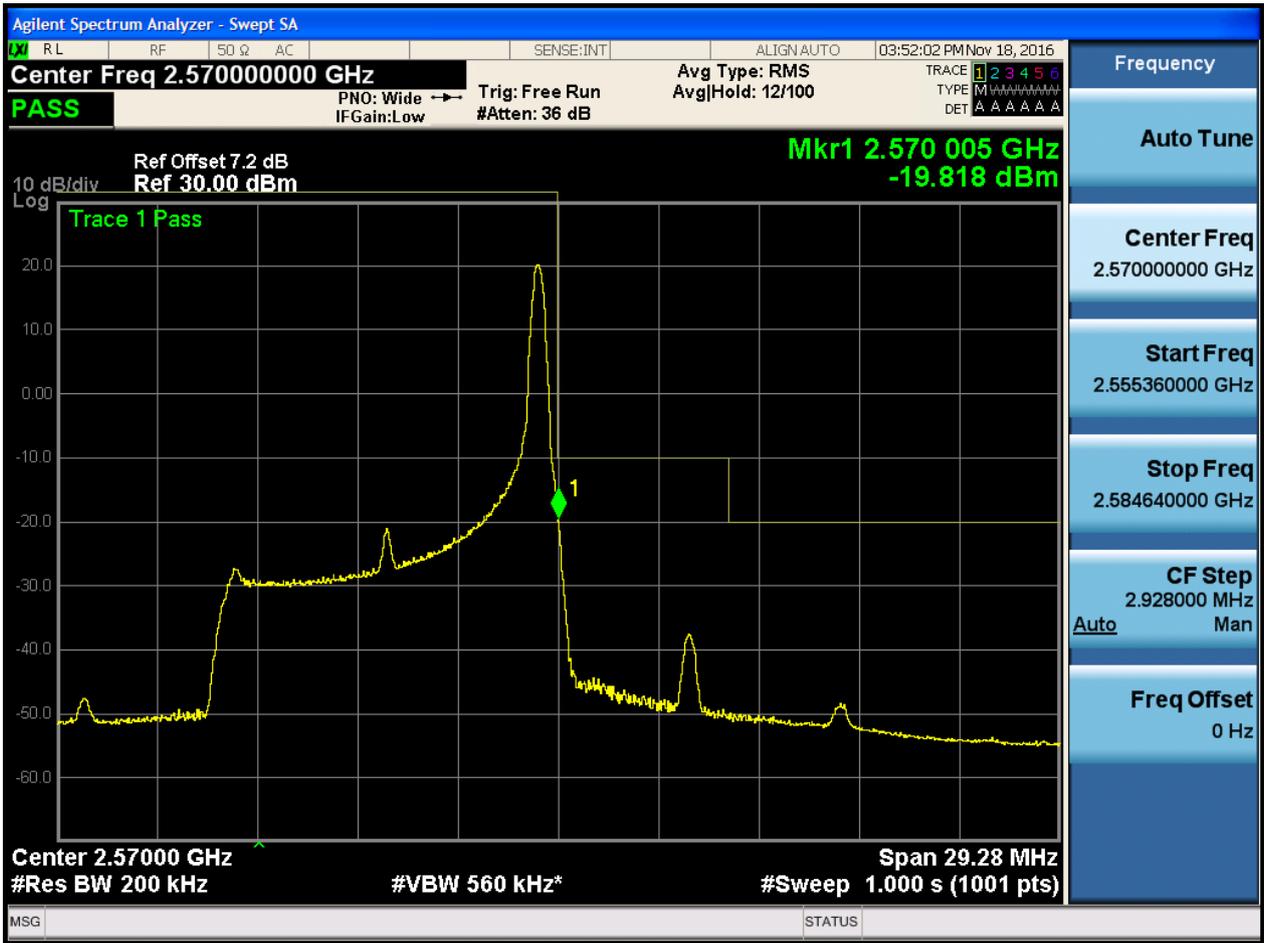
5.1.1.1.2.2 Test Channel = HCH

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

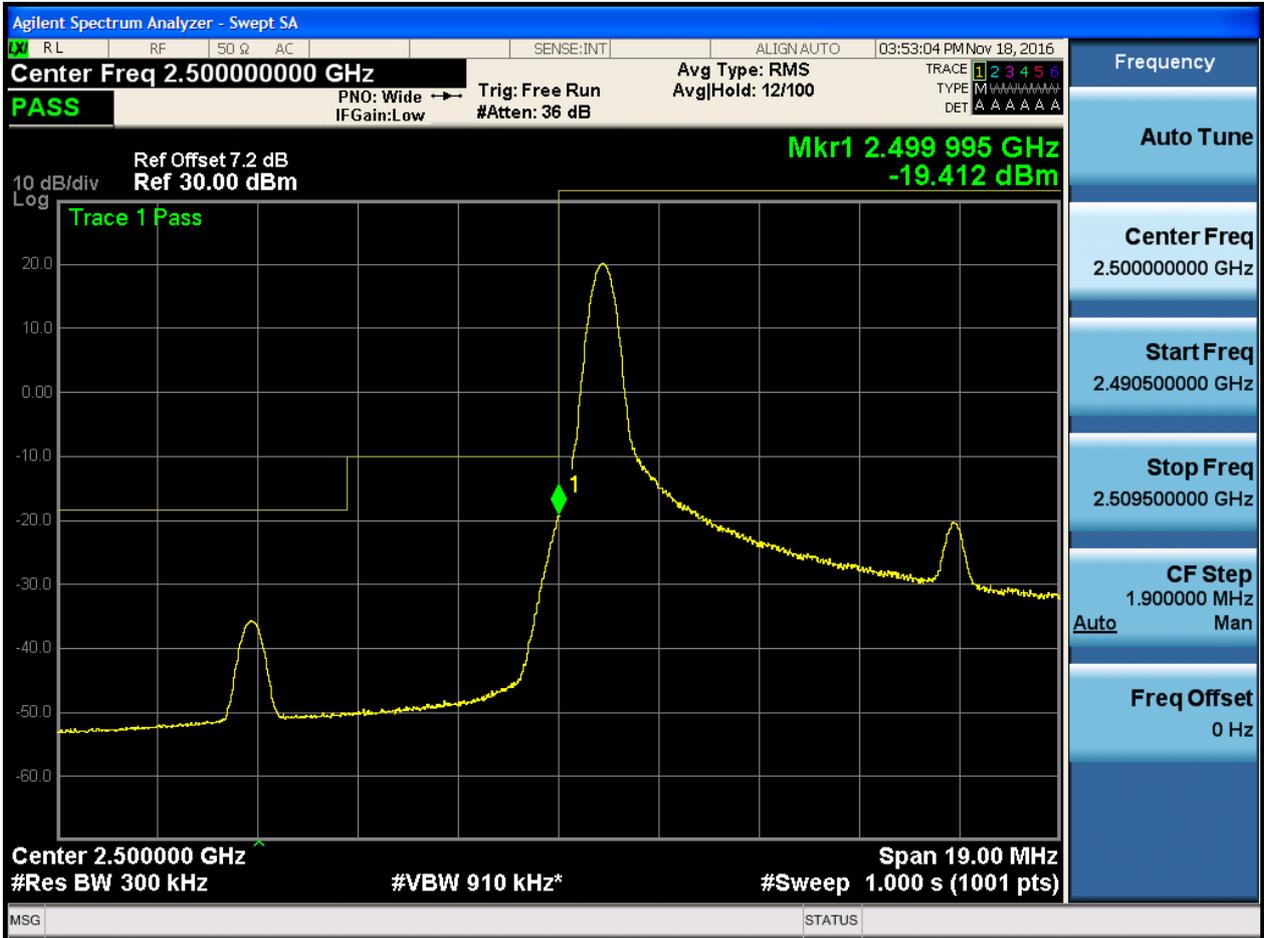




5.1.1.1.3 Test Bandwidth = 15

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





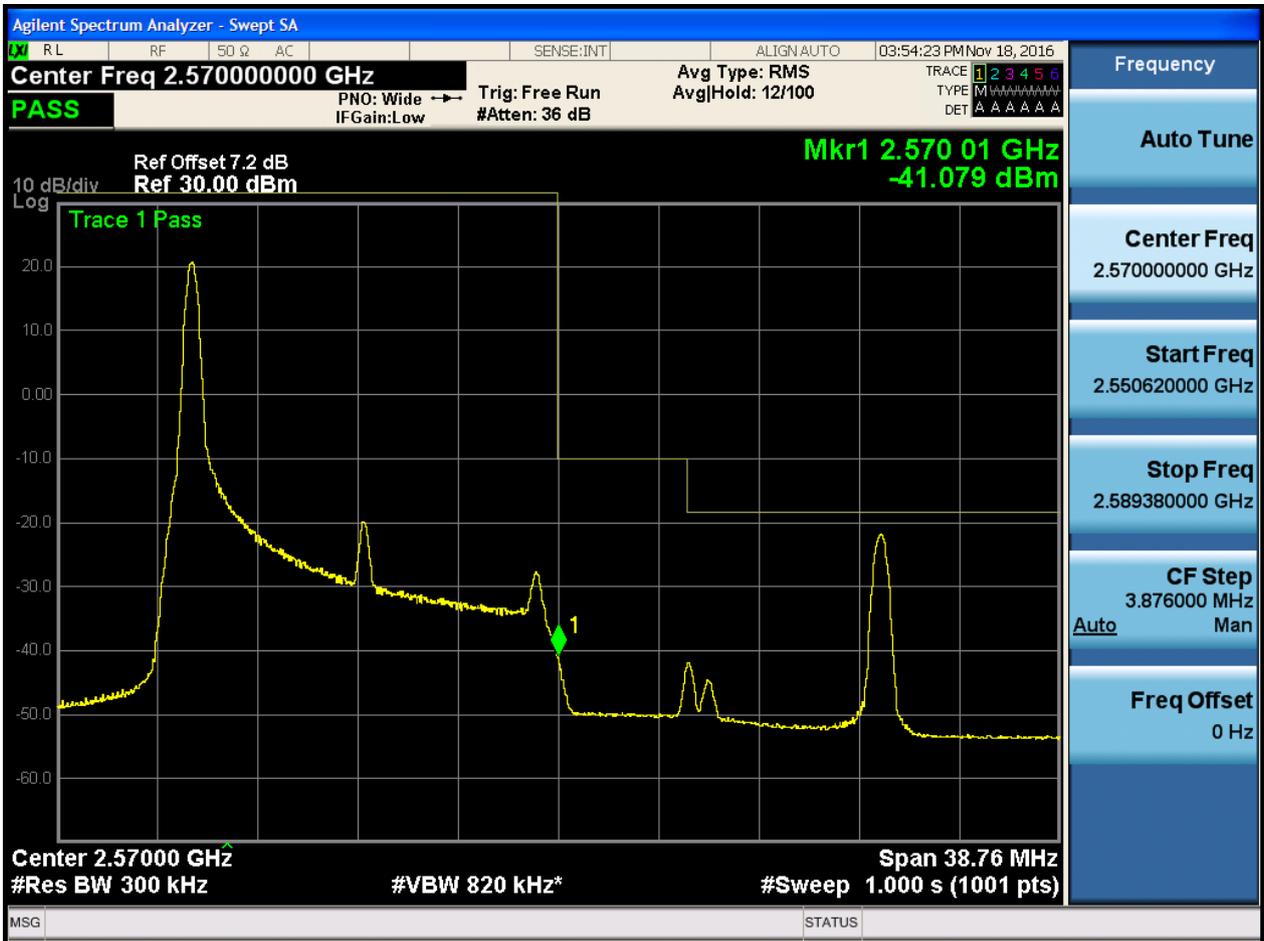
5.1.1.1.3.1.4 Test RB = RB75#0





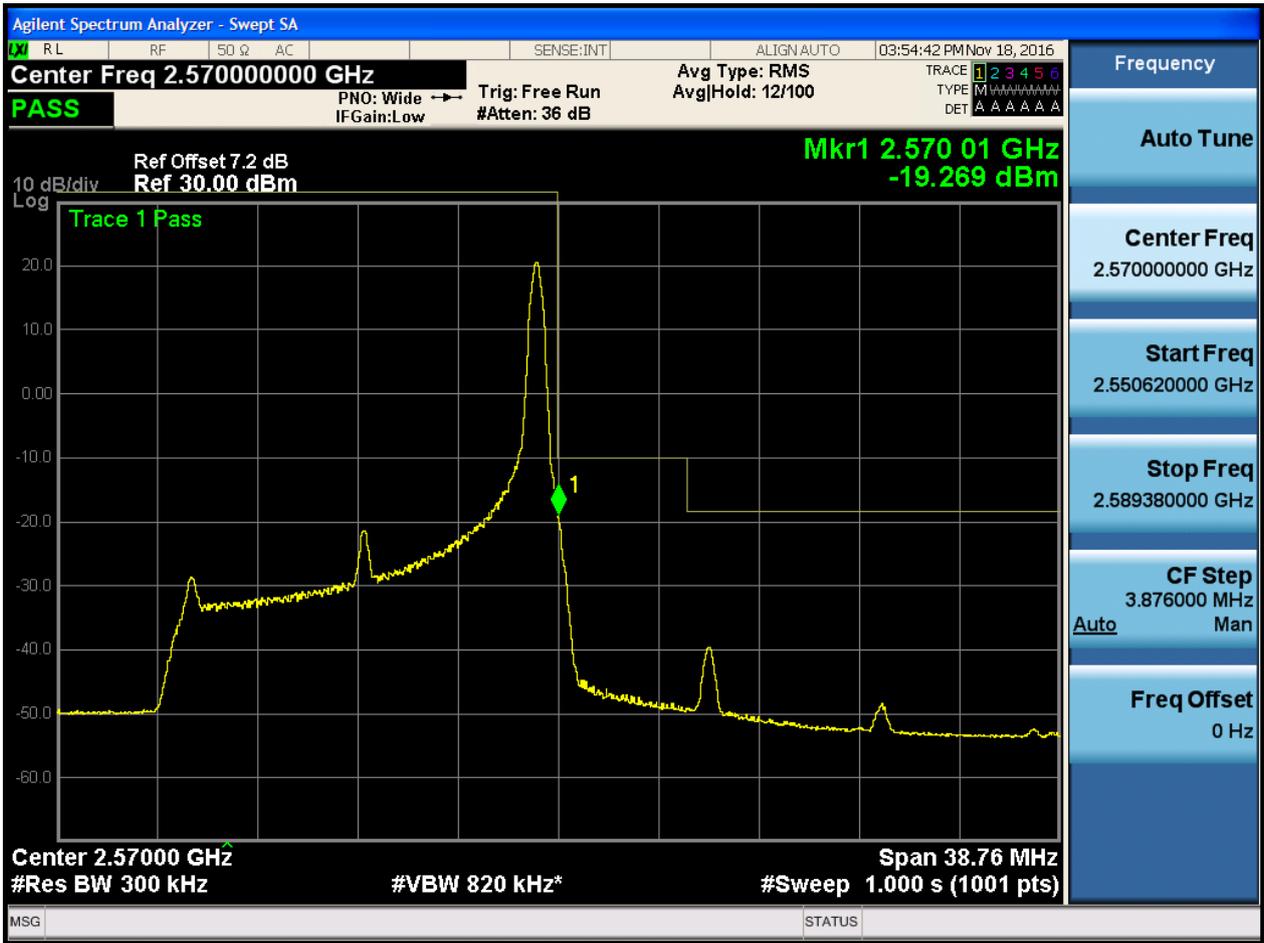
5.1.1.1.3.2 Test Channel = HCH

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

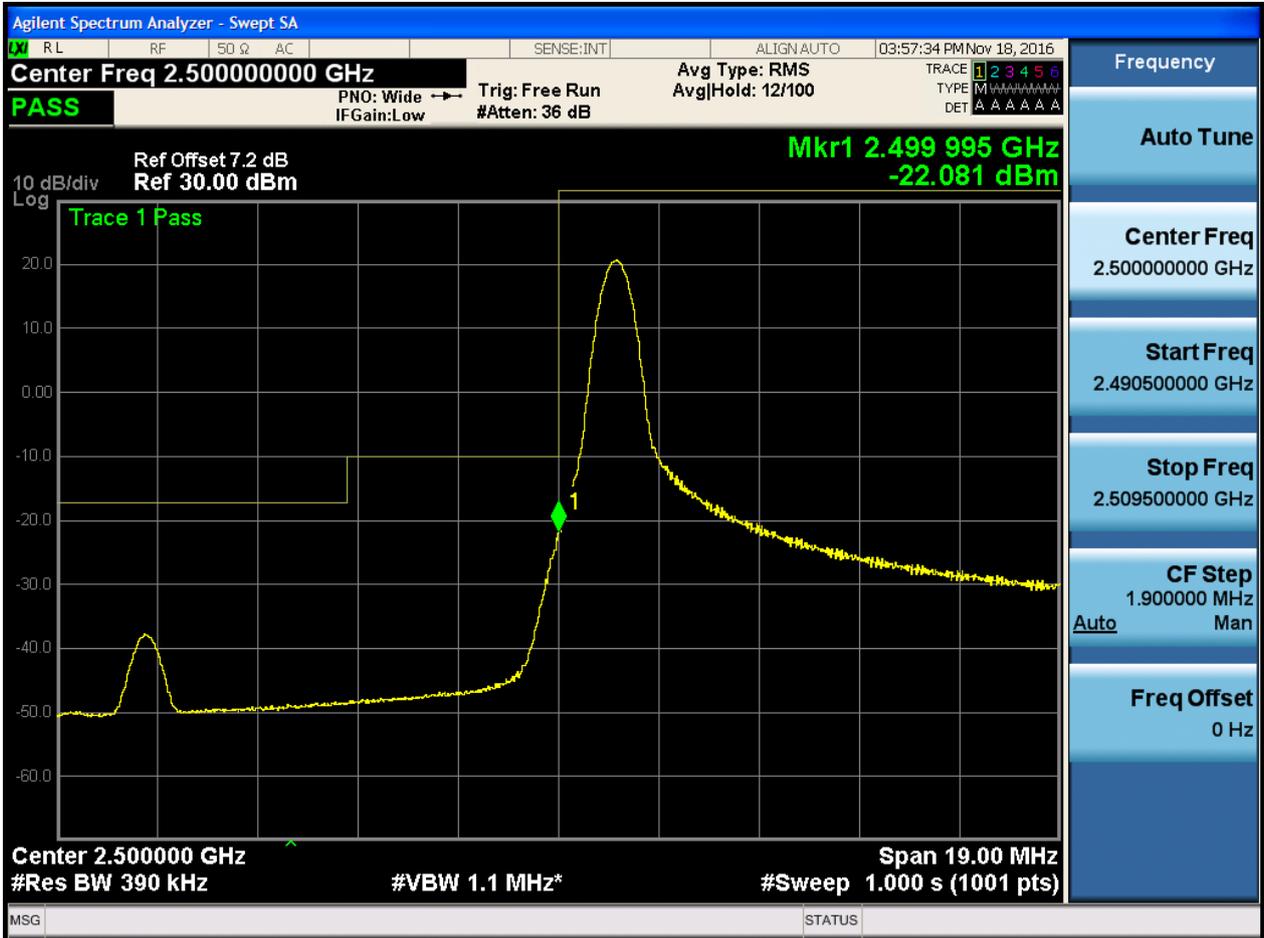




5.1.1.1.4 Test Bandwidth = 20

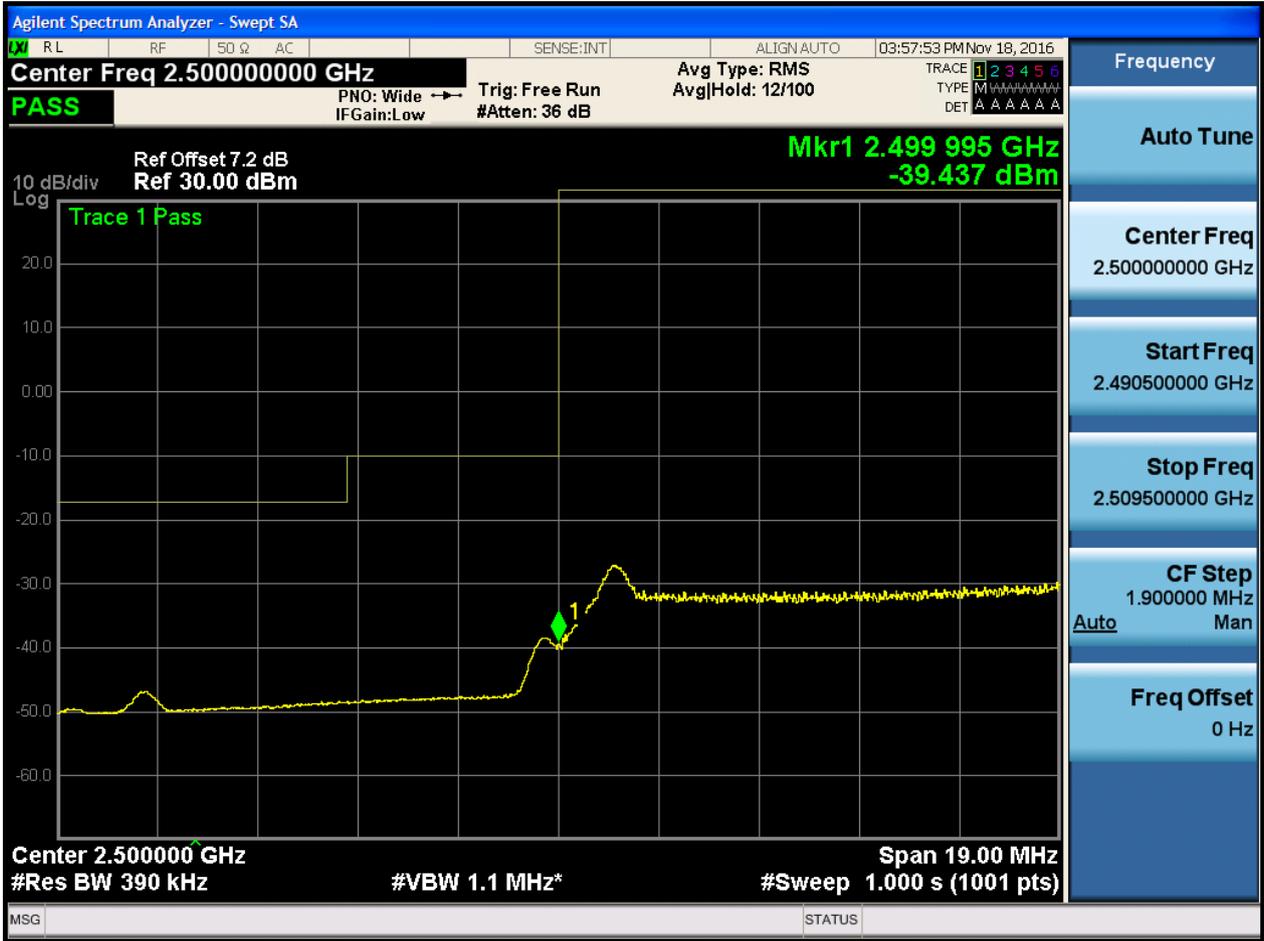
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#99







5.1.1.1.4.1.4 Test RB = RB100#0





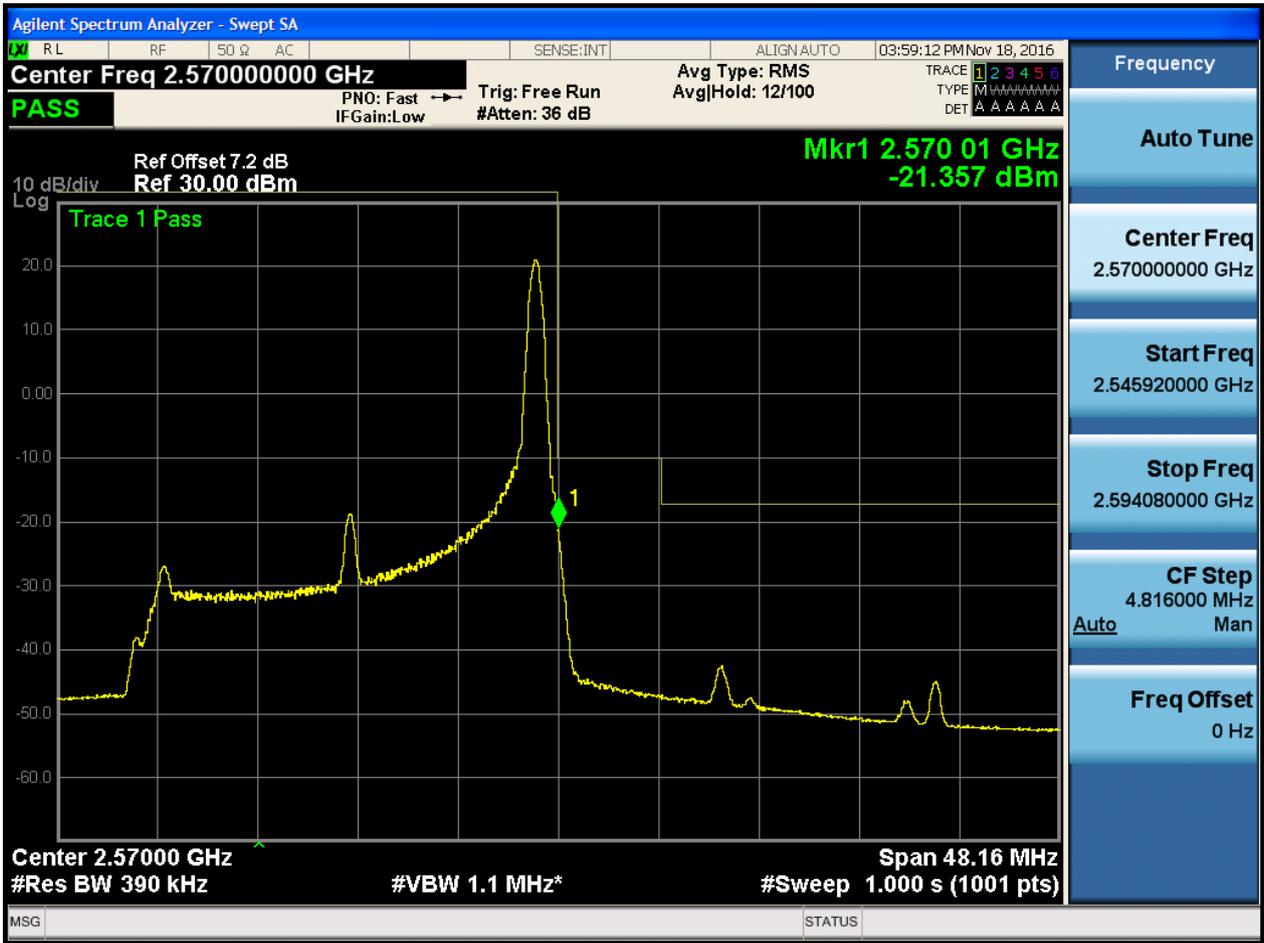
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



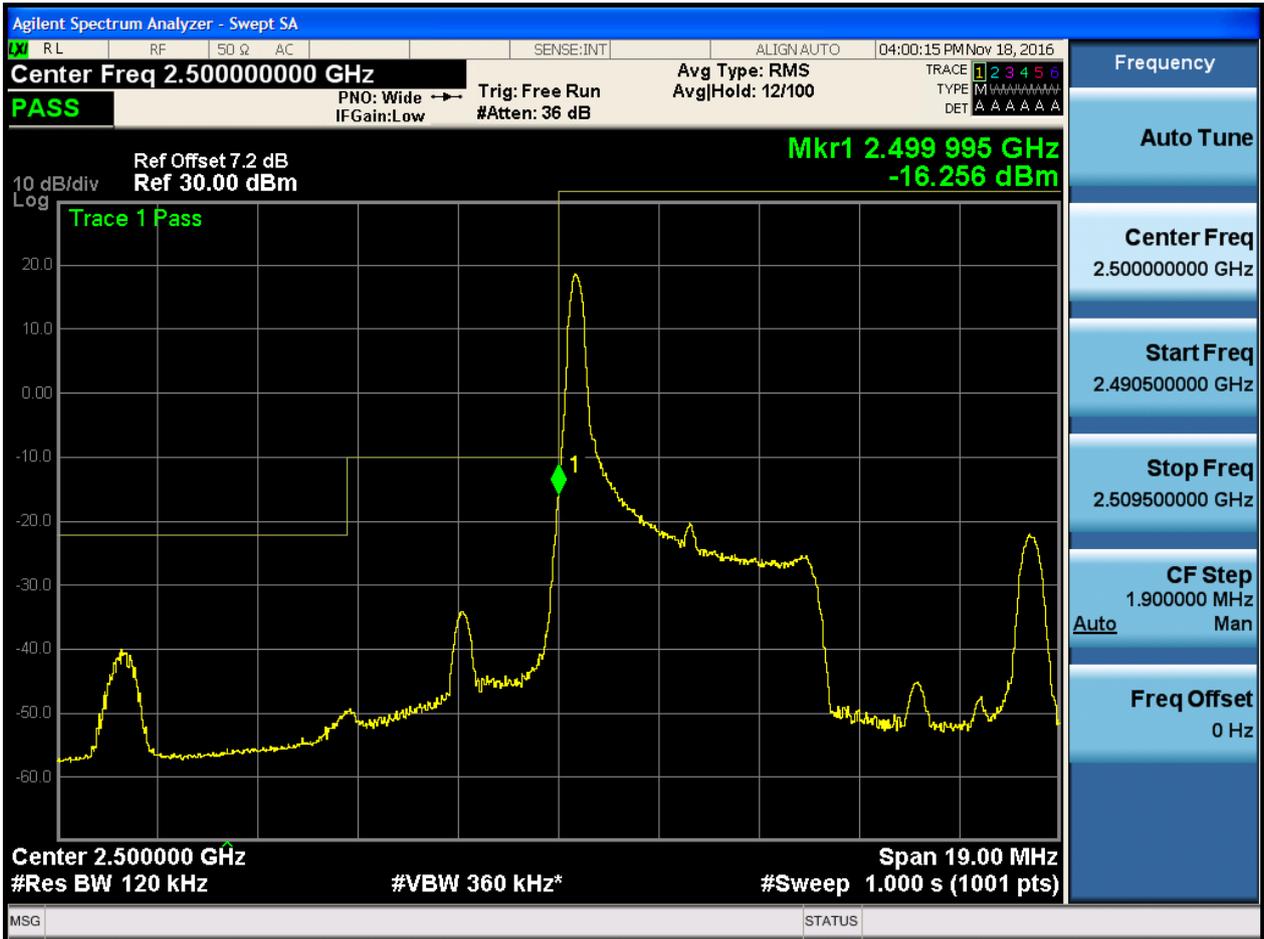


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

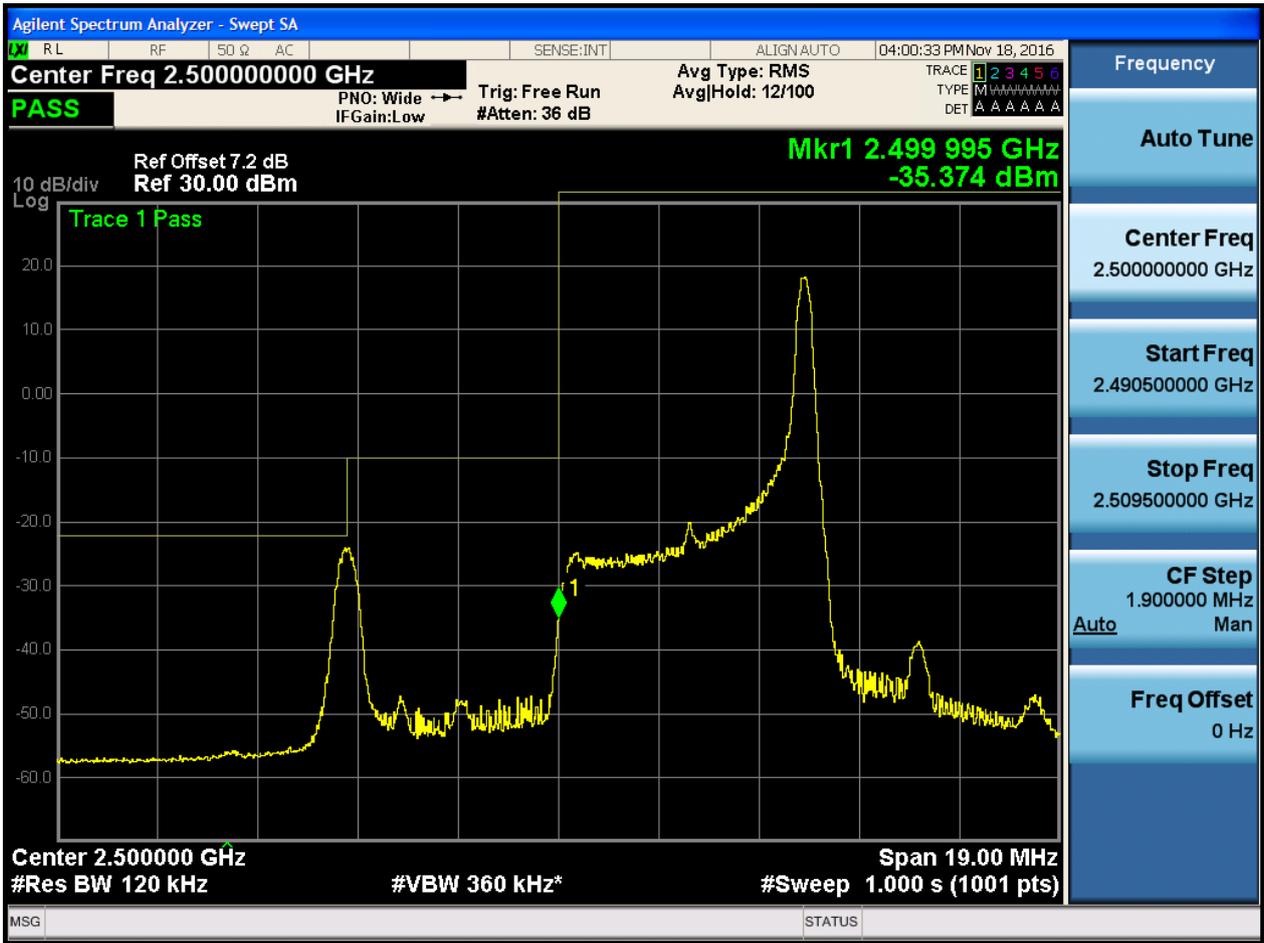
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



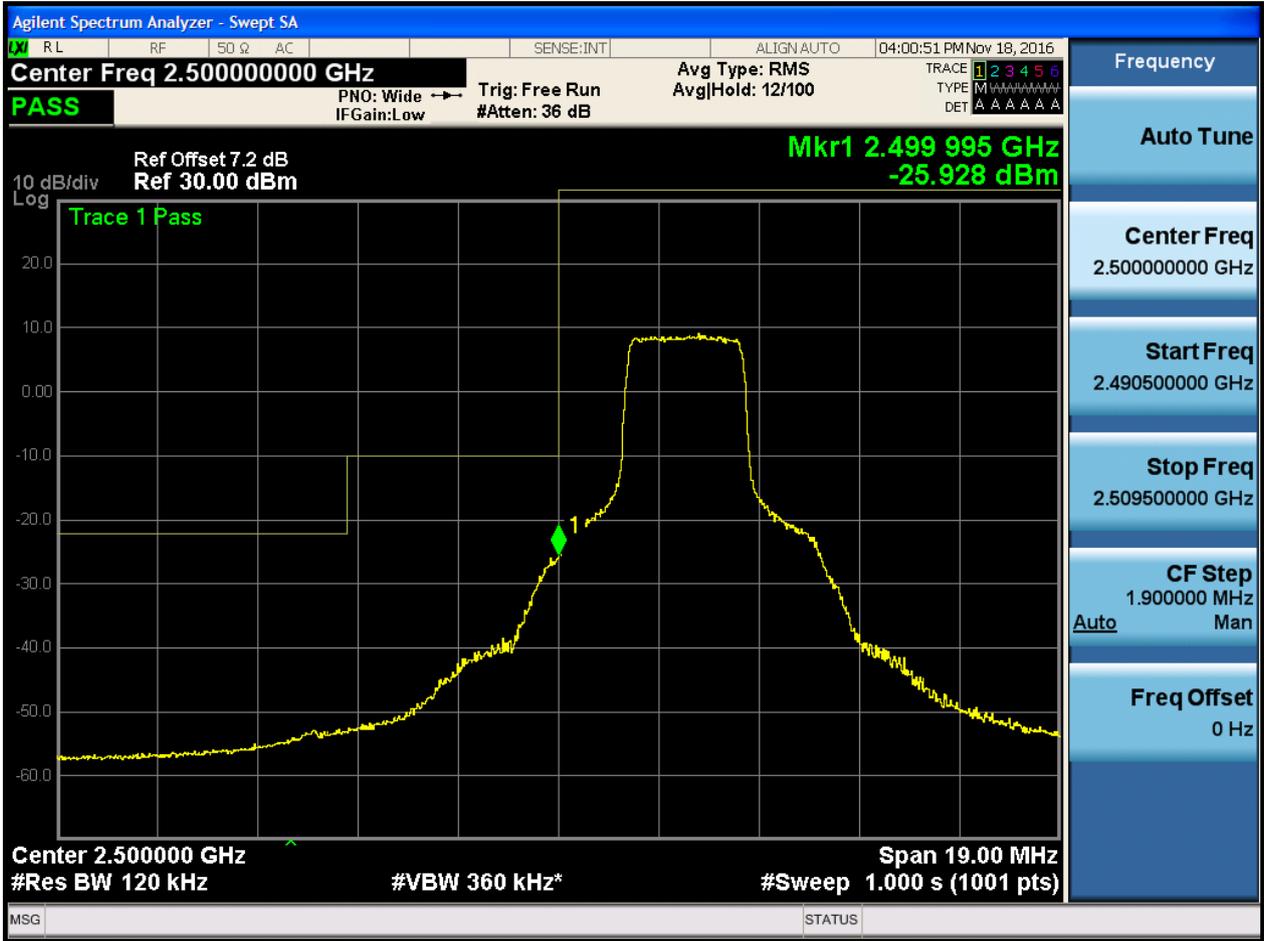


5.1.1.2.1.1.2 Test RB = RB1#24



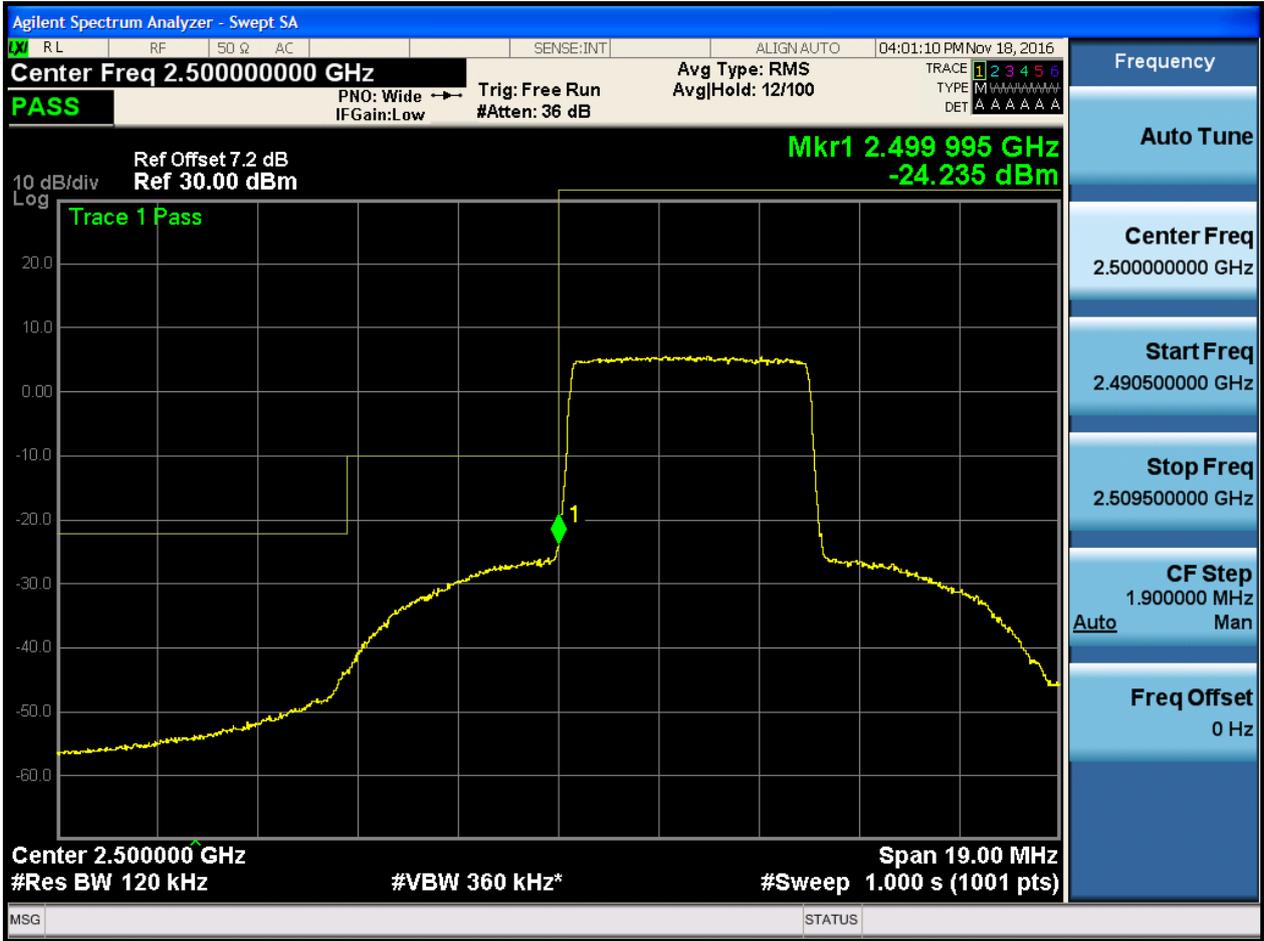


5.1.1.2.1.1.3 Test RB = RB12#6





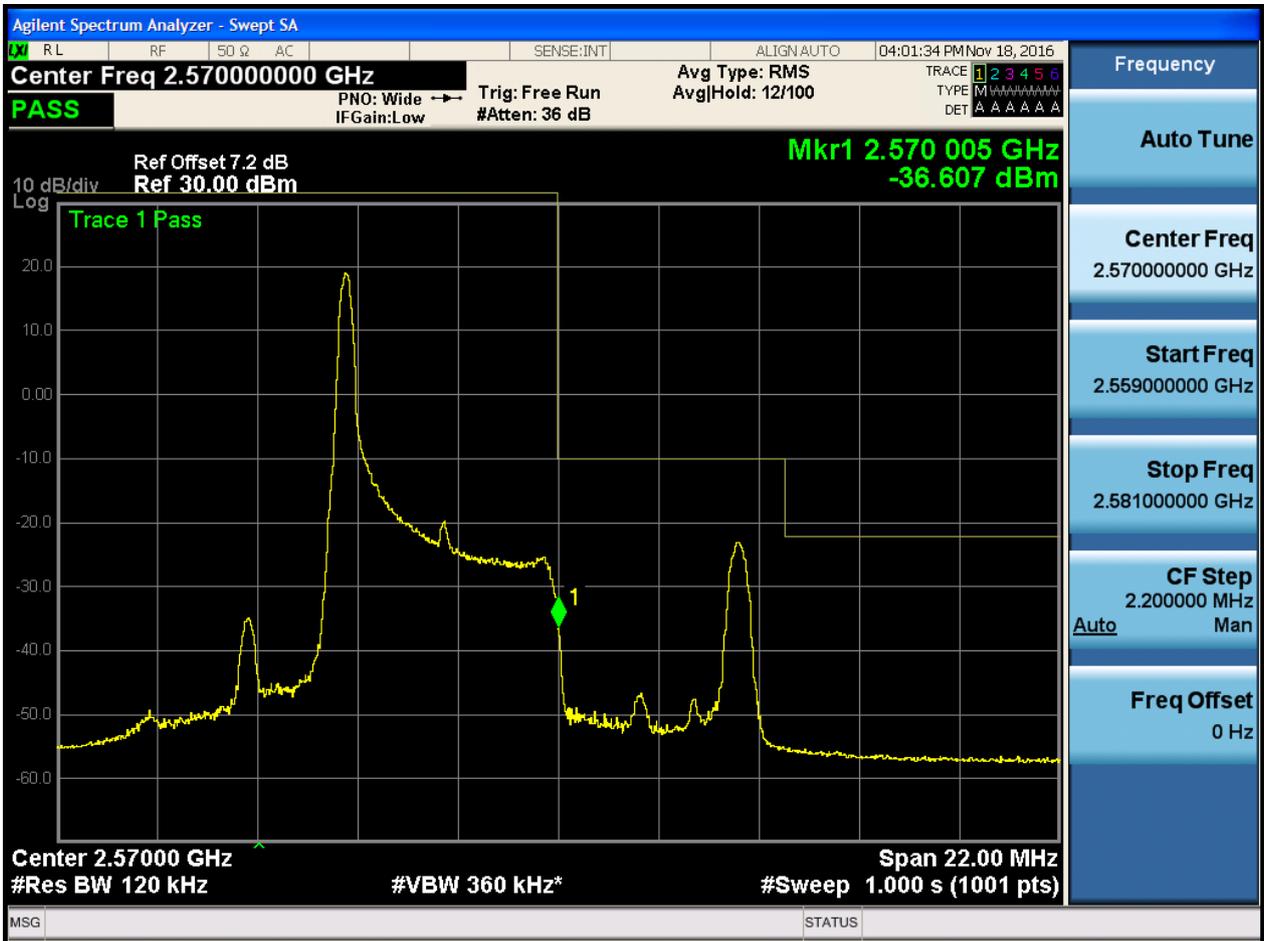
5.1.1.2.1.1.4 Test RB = RB25#0





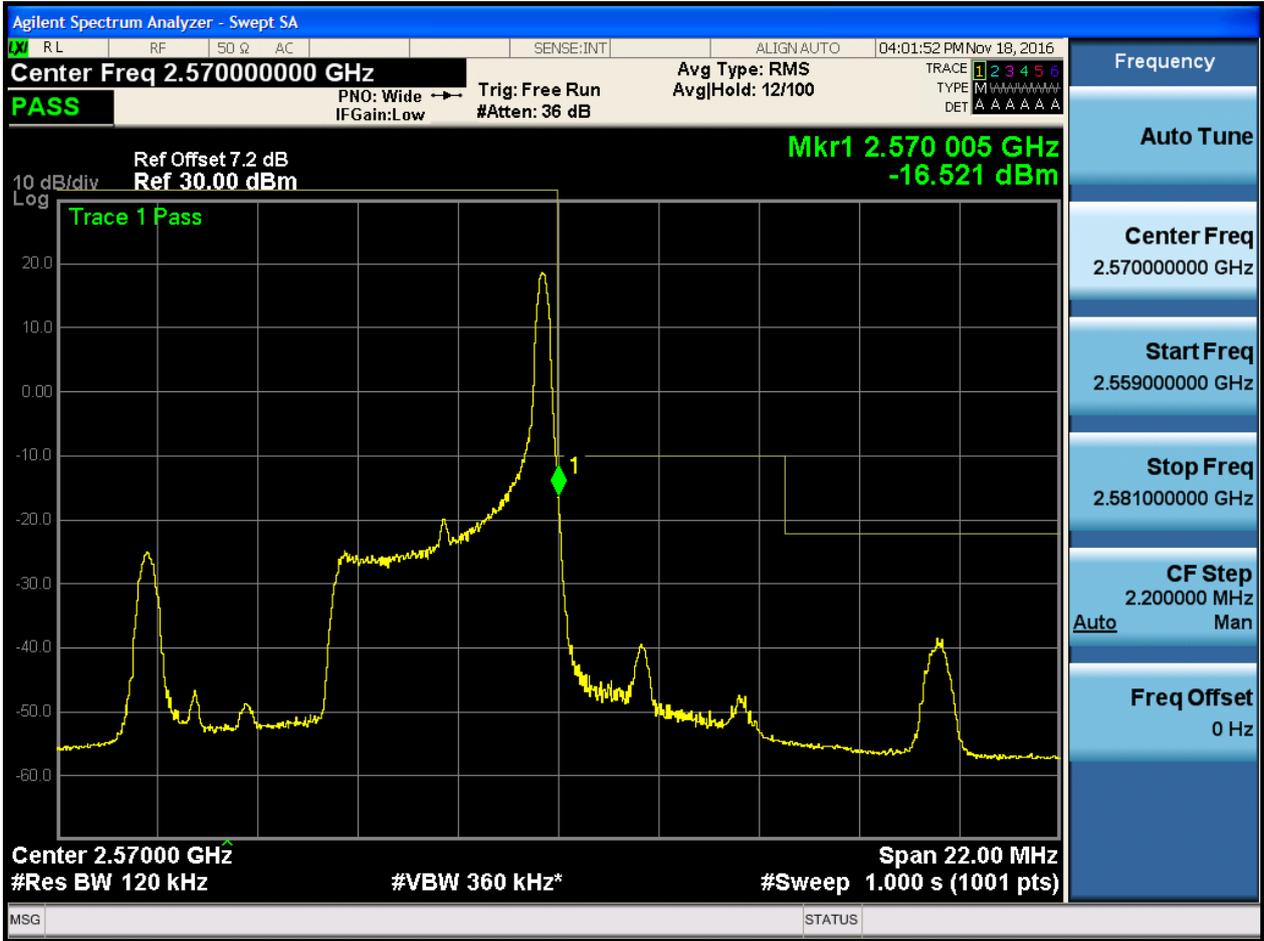
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



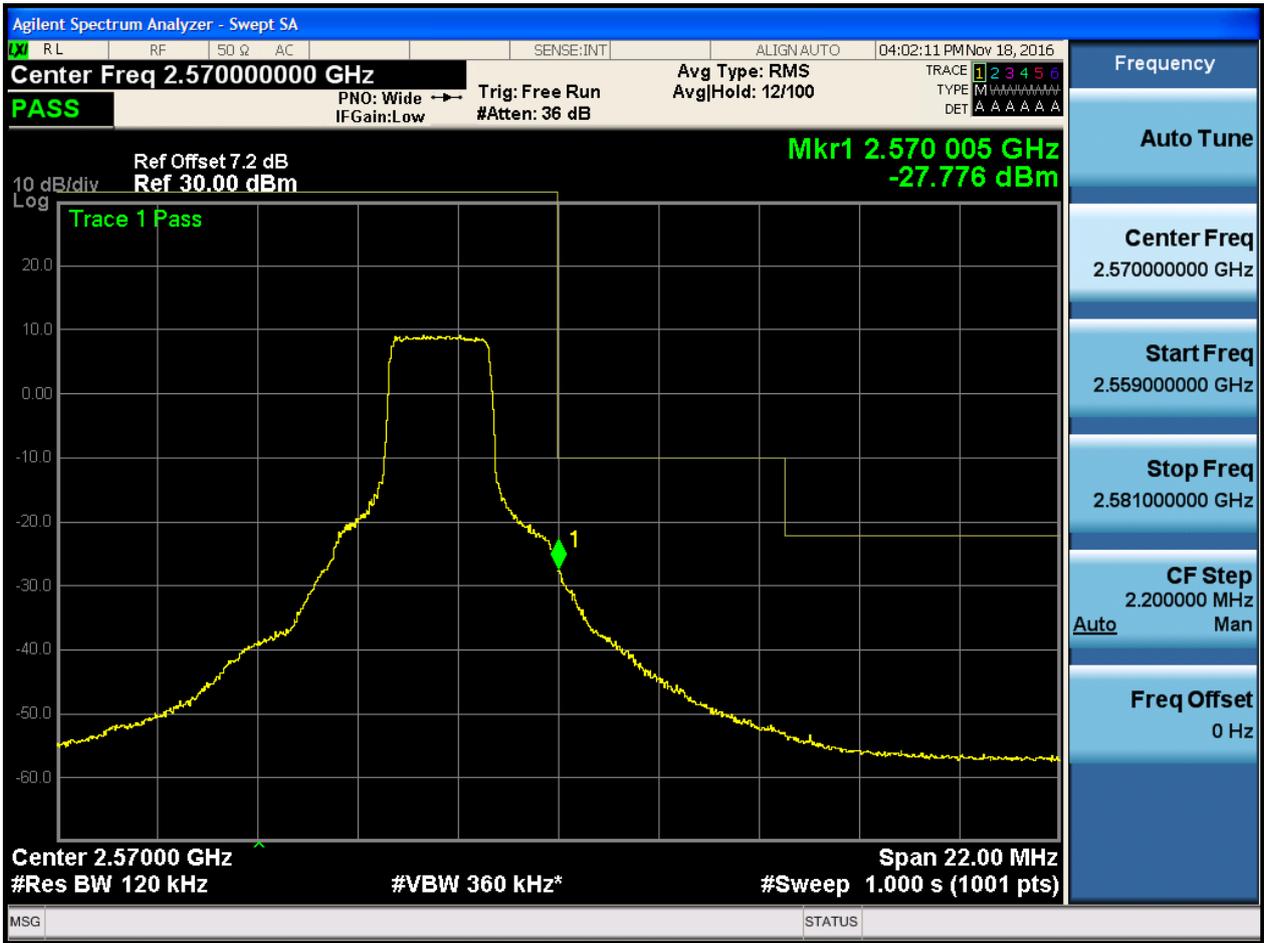


5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

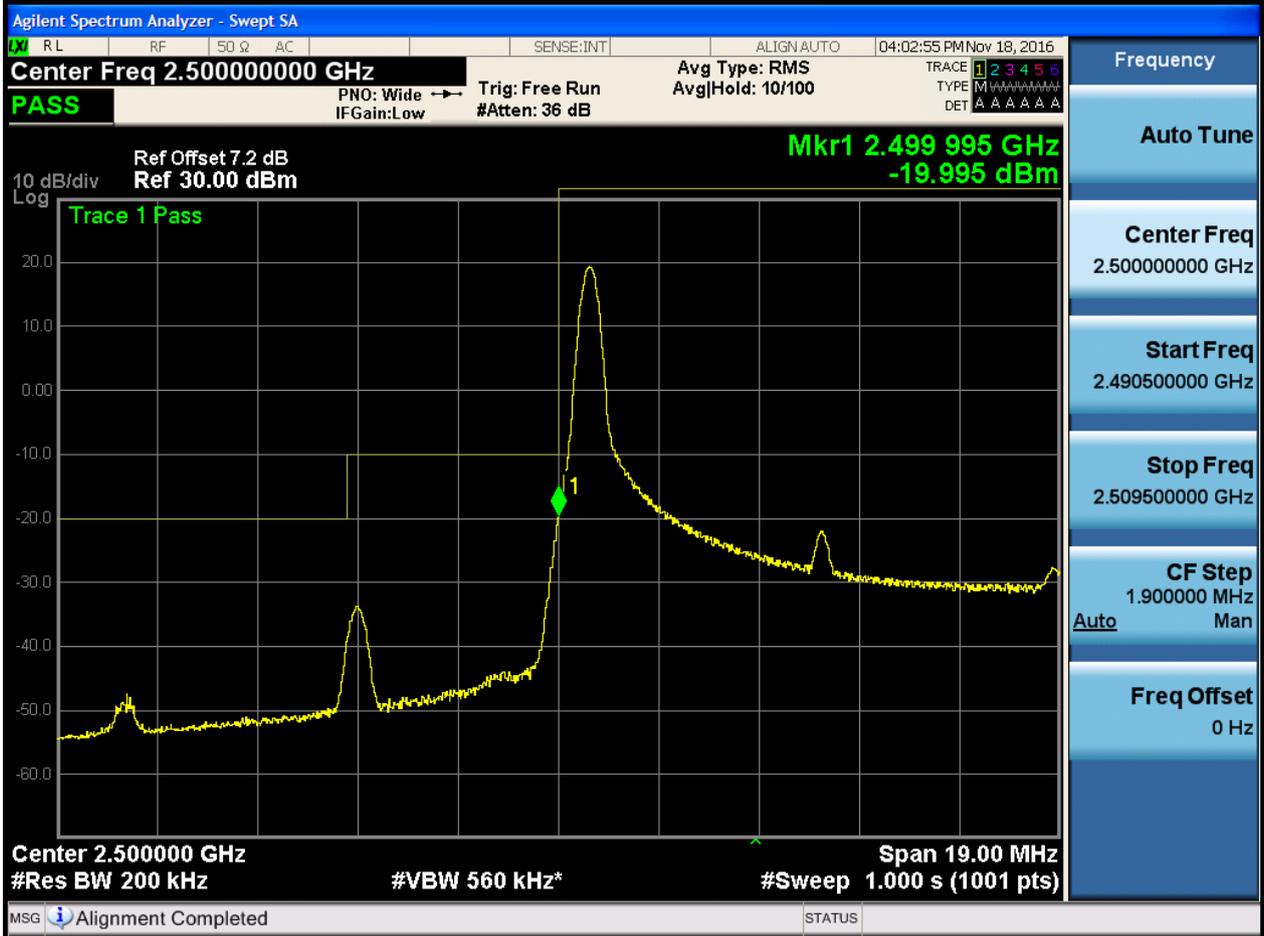




5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#49





5.1.1.2.2.1.3 Test RB = RB25#13





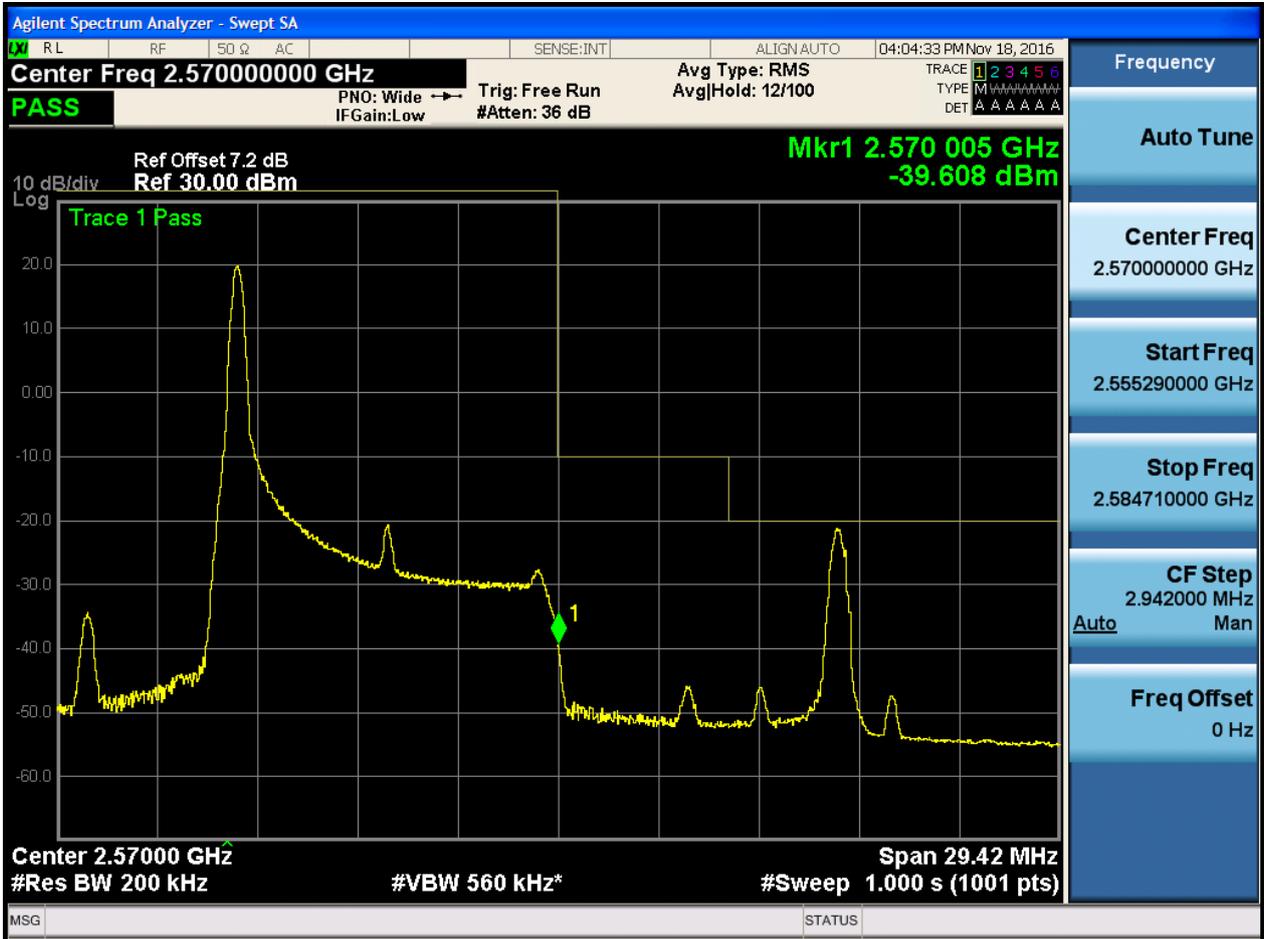
5.1.1.2.2.1.4 Test RB = RB50#0





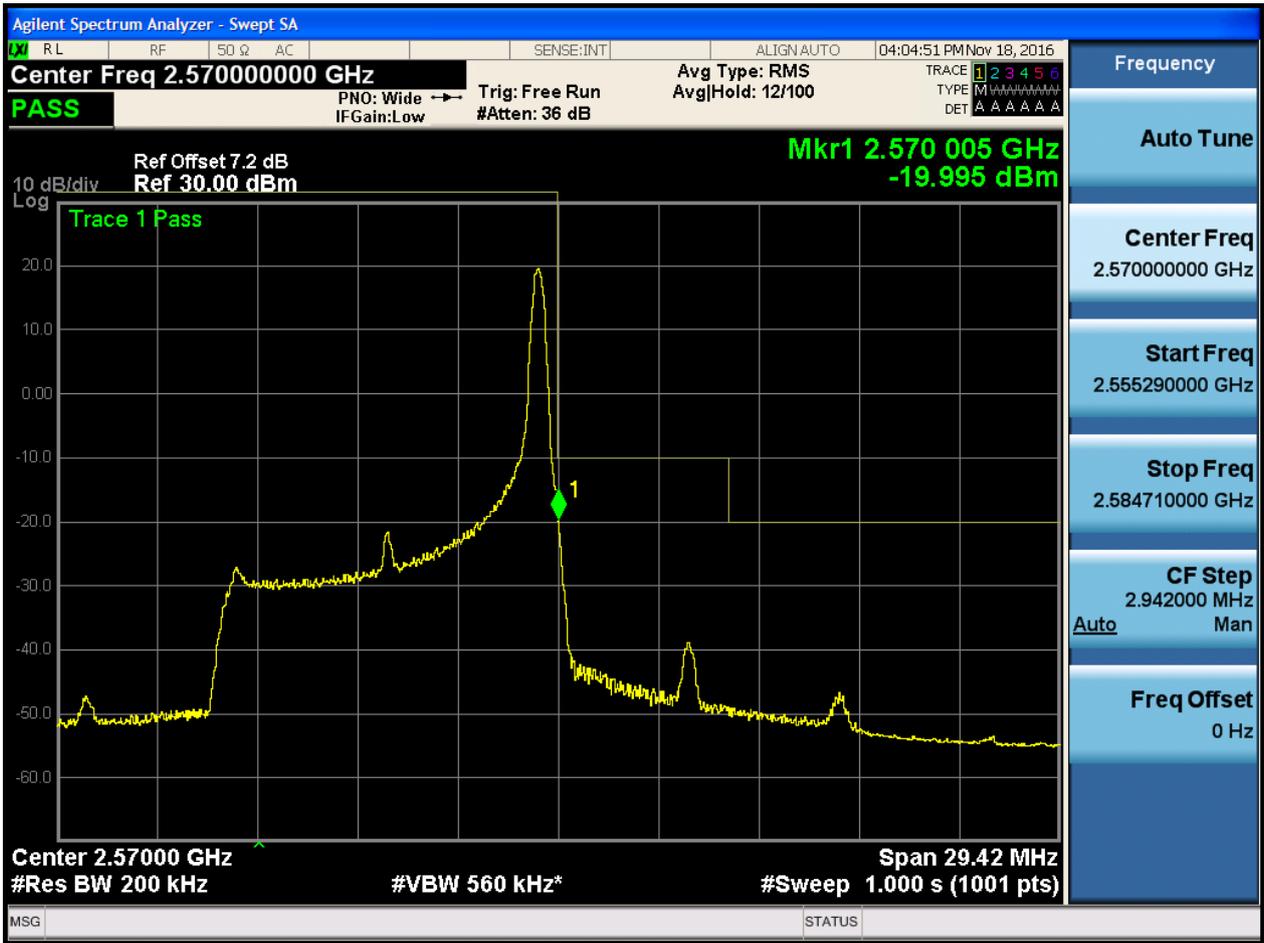
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#49







5.1.1.2.2.2.4 Test RB = RB50#0

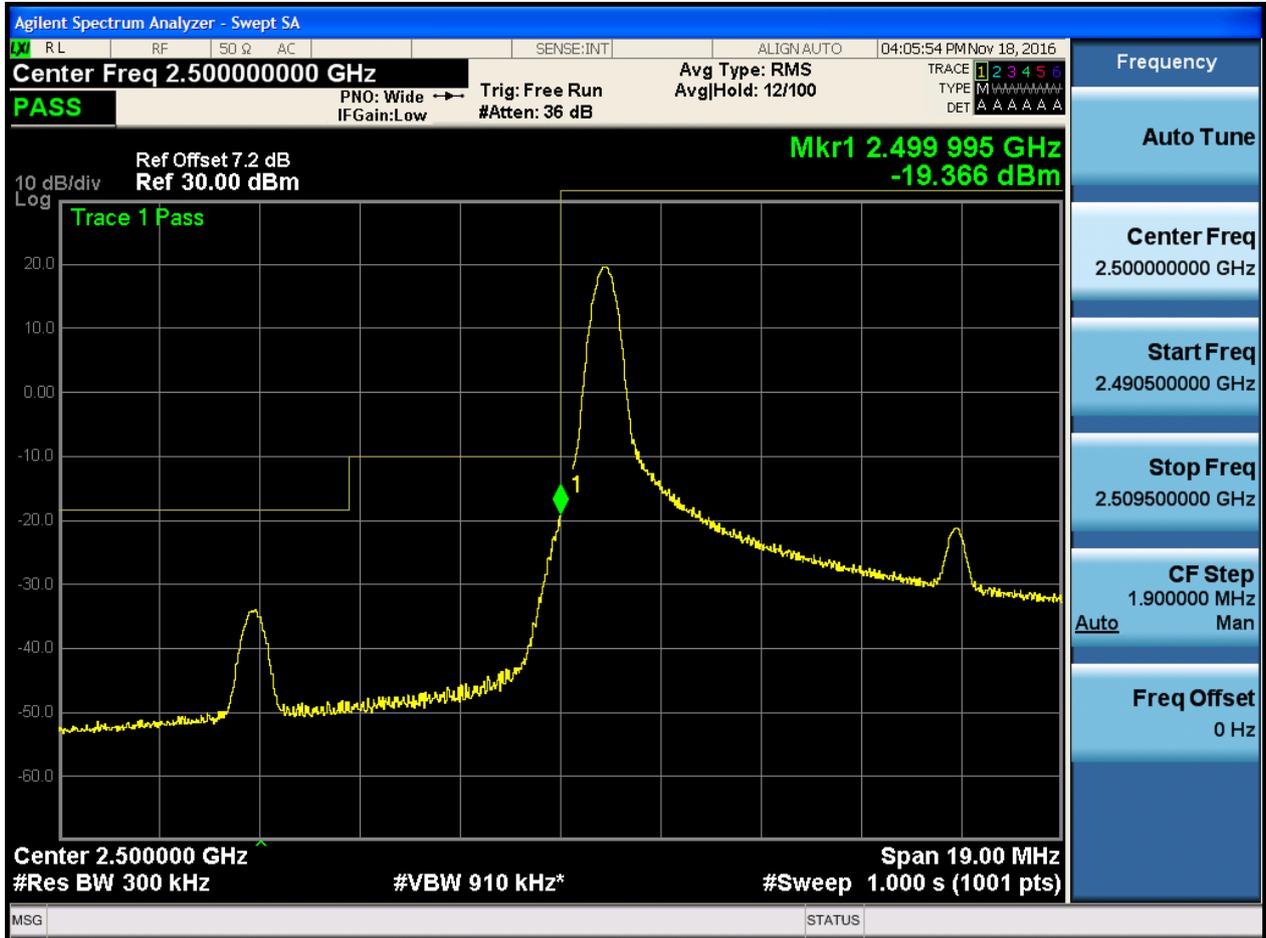




5.1.1.2.3 Test Bandwidth = 15

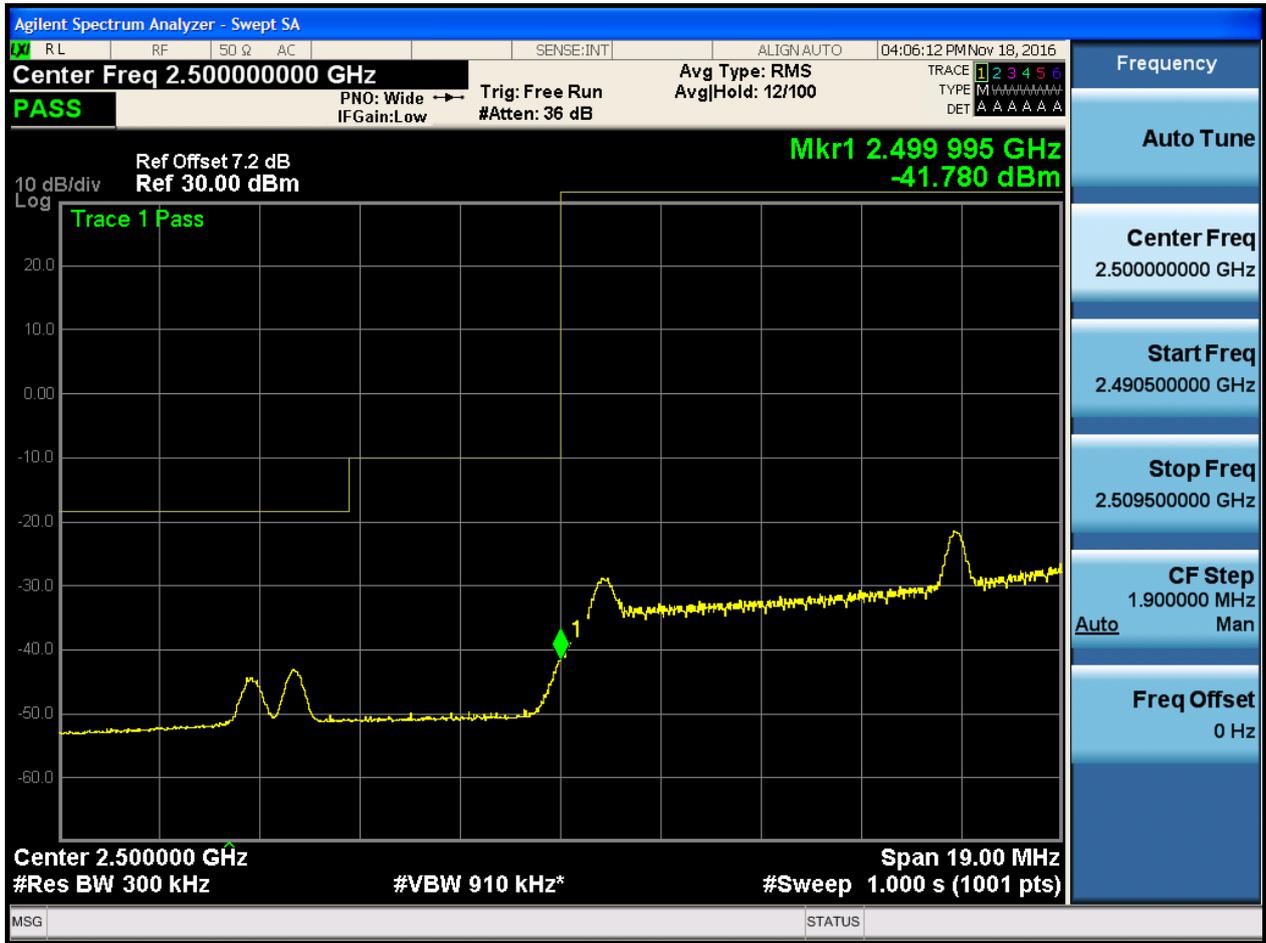
5.1.1.2.3.1 Test Channel = LCH

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





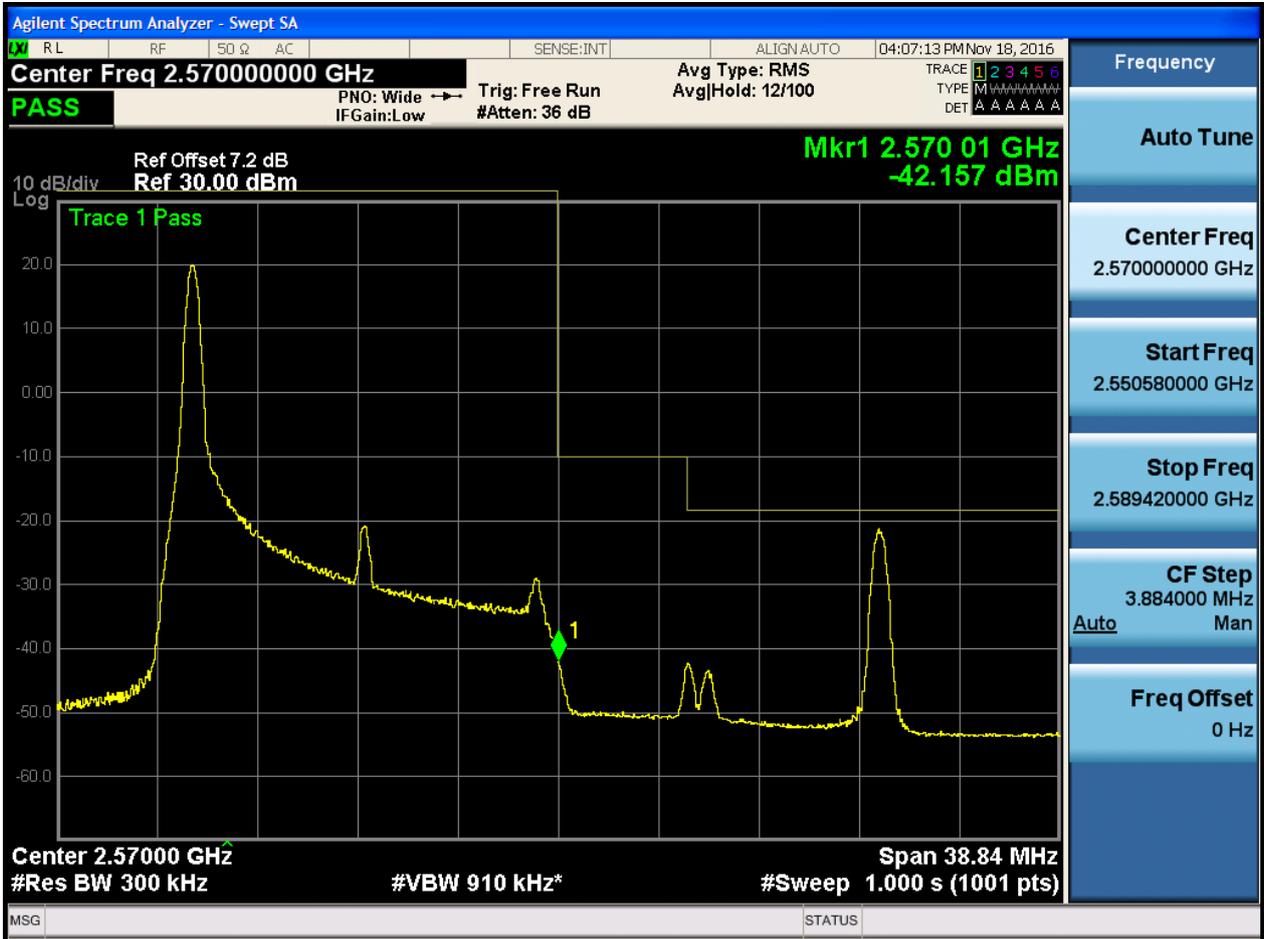
5.1.1.2.3.1.4 Test RB = RB75#0





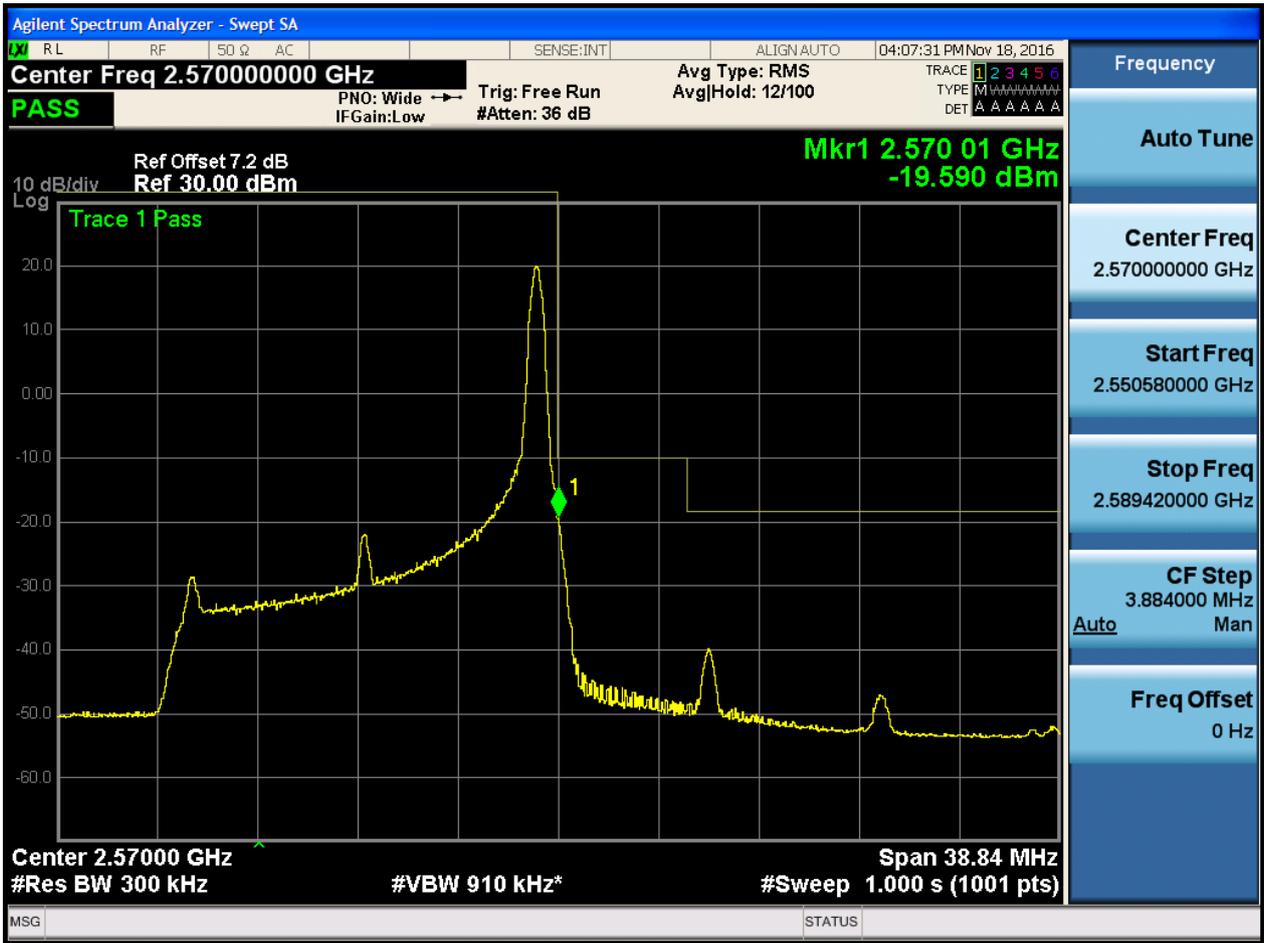
5.1.1.2.3.2 Test Channel = HCH

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

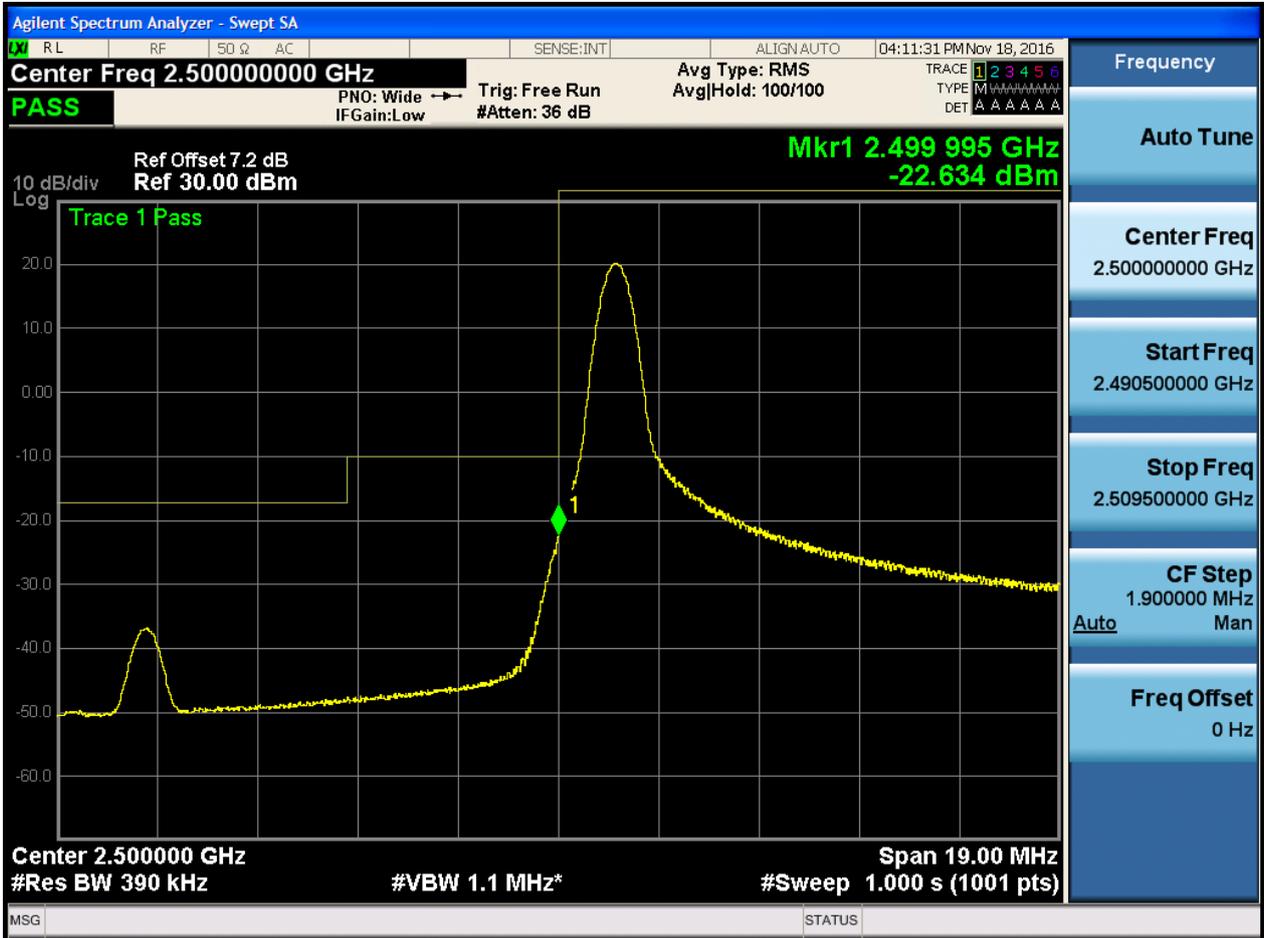




5.1.1.2.4 Test Bandwidth = 20

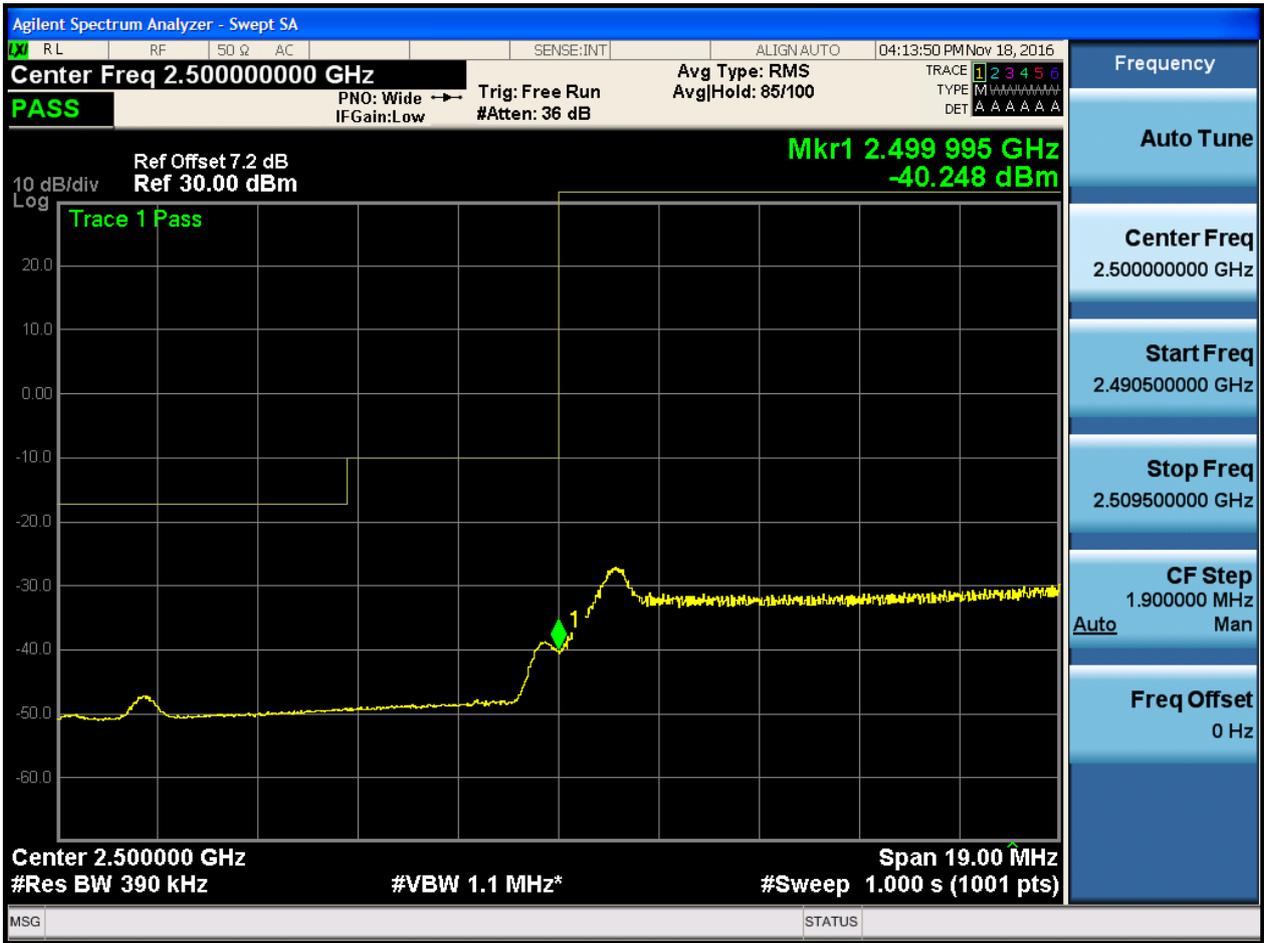
5.1.1.2.4.1 Test Channel = LCH

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





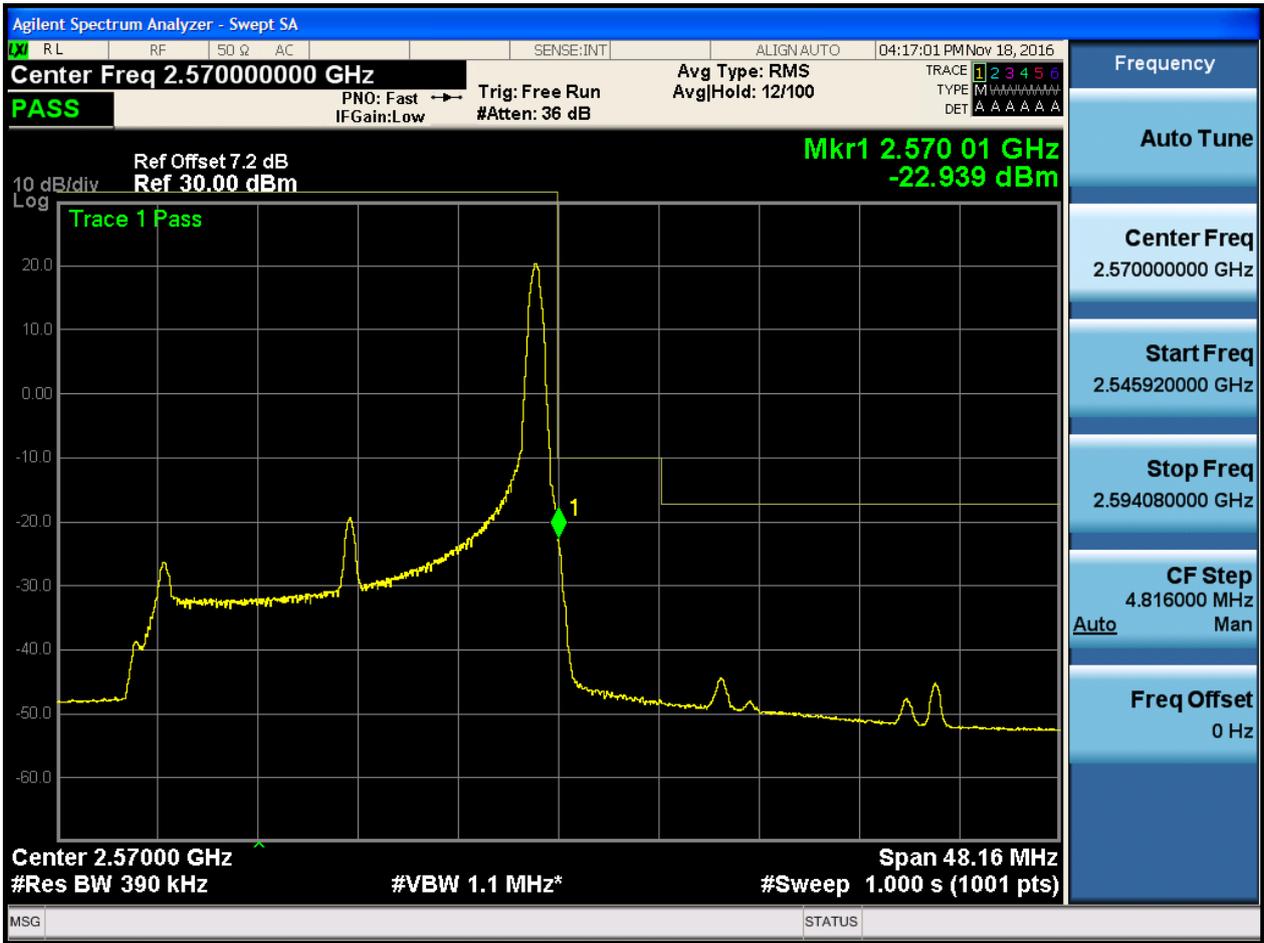
5.1.1.2.4.2 Test Channel = HCH

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





## Appendix\_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

### Part I - Test Plots

#### 6.1 For LTE

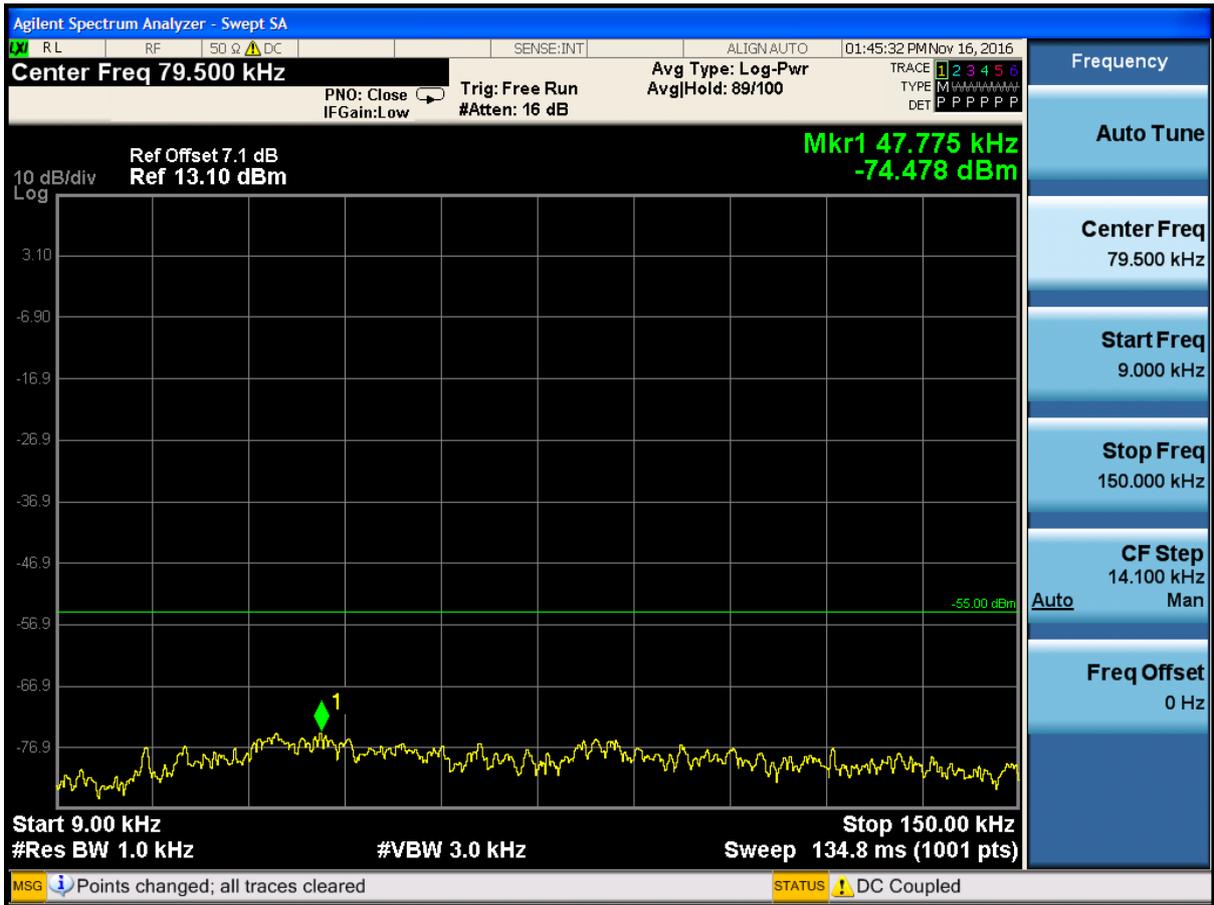
##### 6.1.1 Test Band = BAND7

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

##### 6.1.1.1.1 Test Bandwidth = 5

##### 6.1.1.1.1.1 Test Channel = LCH

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



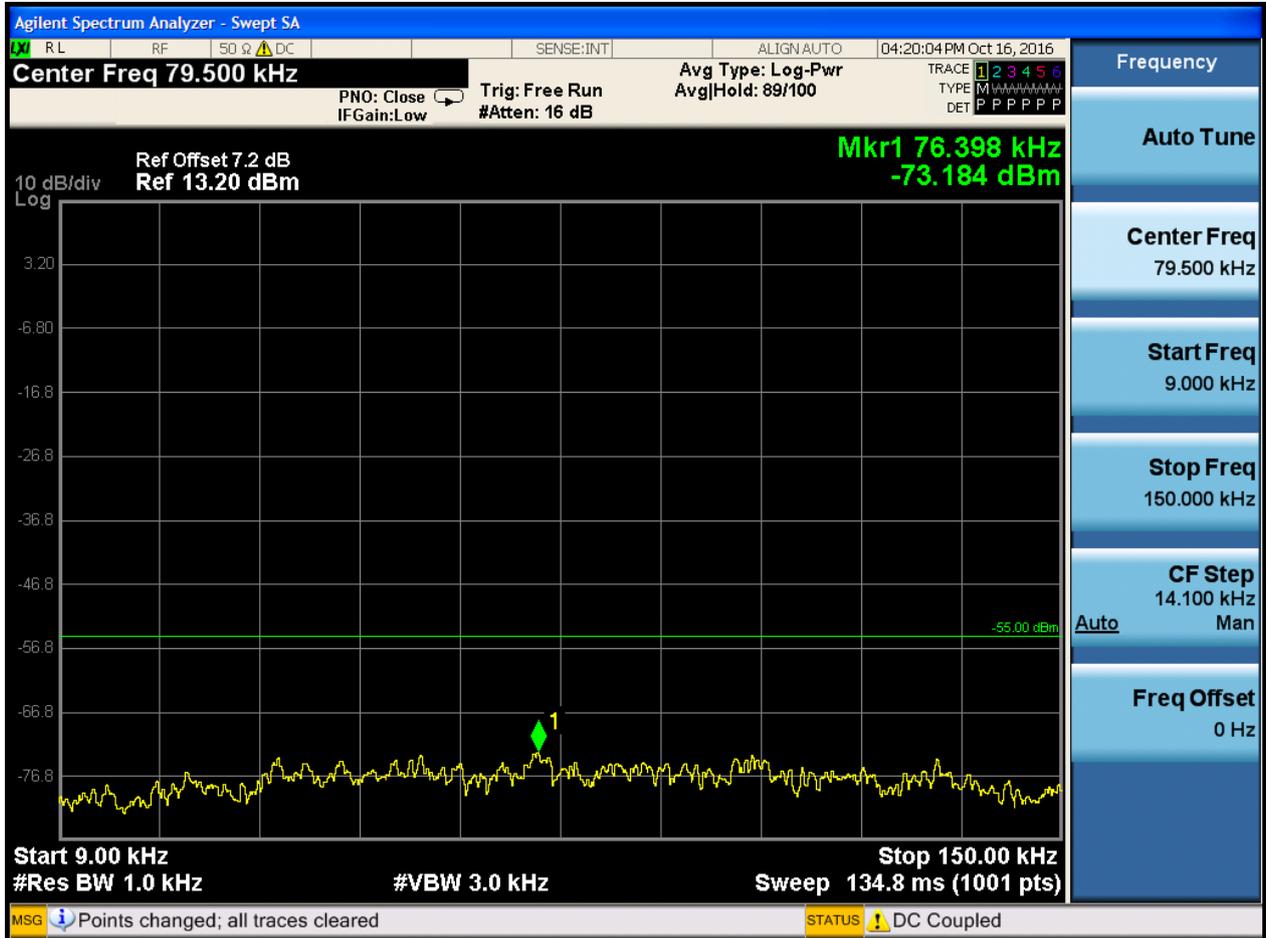


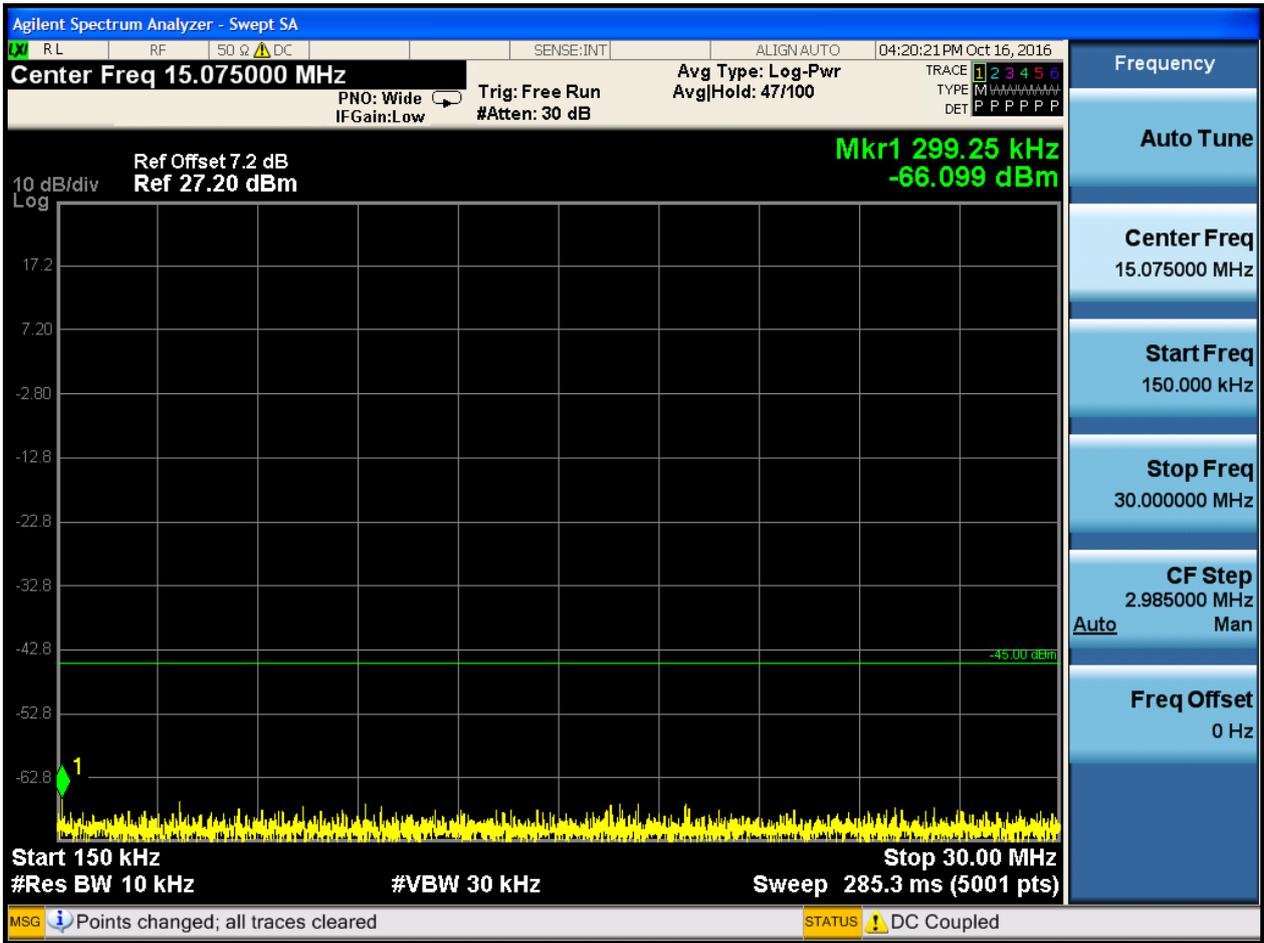


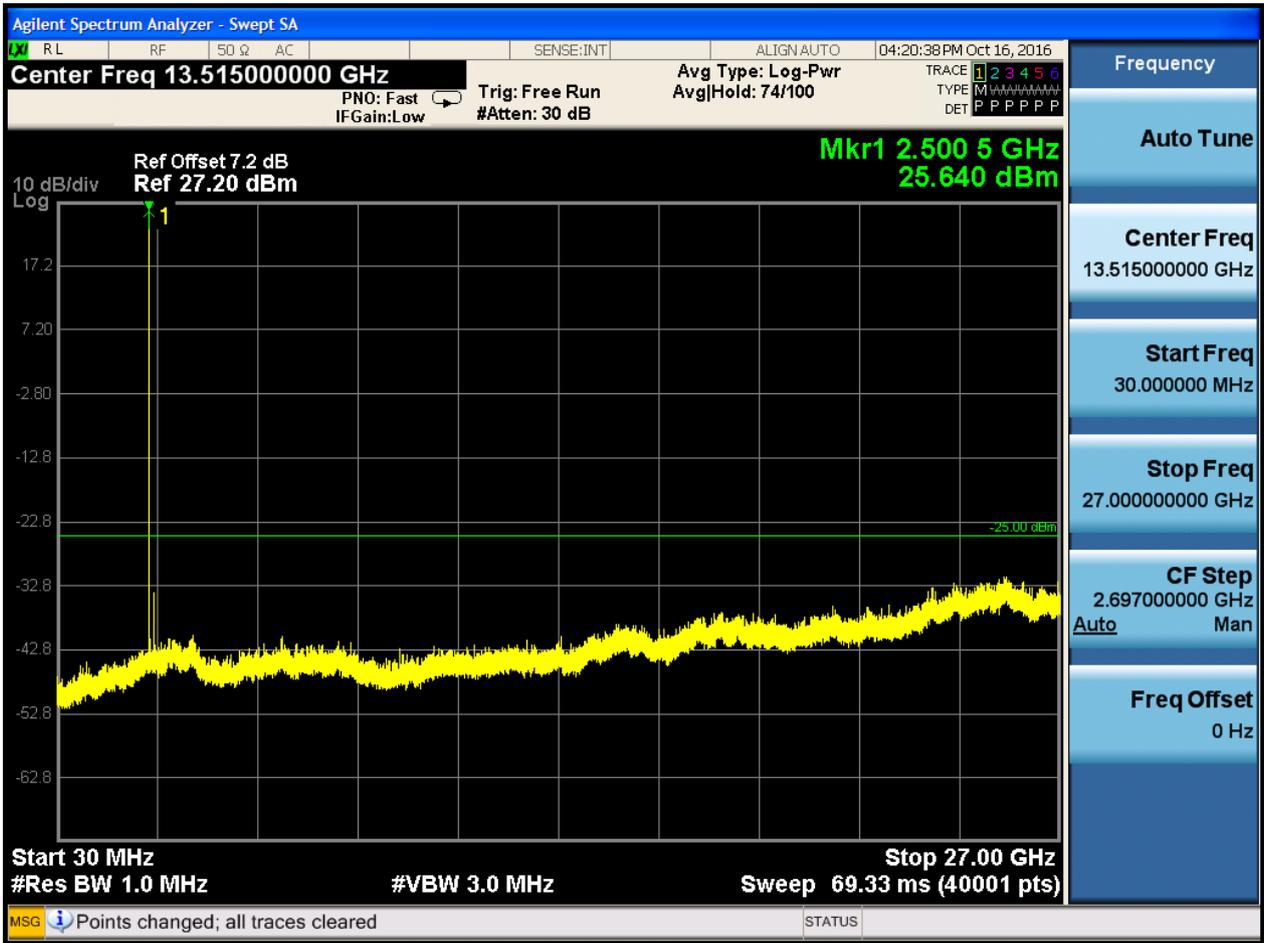


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0









6.1.1.1.3 Test Channel = HCH

6.1.1.1.3.1 Test RB = RB1#0

