



Appendix for test report



1 Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	23.56	21.73	38.5	PASS
				RB1#3	23.23	21.4	38.5	PASS
				RB1#5	23.56	21.73	38.5	PASS
				RB3#0	23.51	21.68	38.5	PASS
				RB3#2	23.35	21.52	38.5	PASS
				RB3#3	23.47	21.64	38.5	PASS
				RB6#0	22.51	20.68	38.5	PASS
			MCH	RB1#0	23.69	21.86	38.5	PASS
				RB1#3	23.34	21.51	38.5	PASS
				RB1#5	23.66	21.83	38.5	PASS
				RB3#0	23.65	21.82	38.5	PASS
				RB3#2	23.49	21.66	38.5	PASS
				RB3#3	23.52	21.69	38.5	PASS
				RB6#0	22.44	20.61	38.5	PASS
		HCH	RB1#0	23.46	21.63	38.5	PASS	
			RB1#3	23.25	21.42	38.5	PASS	
			RB1#5	23.43	21.6	38.5	PASS	
			RB3#0	23.42	21.59	38.5	PASS	
			RB3#2	23.38	21.55	38.5	PASS	
			RB3#3	23.41	21.58	38.5	PASS	
			RB6#0	22.49	20.66	38.5	PASS	
3	LCH	RB1#0	23.56	21.73	38.5	PASS		
		RB1#7	23.14	21.31	38.5	PASS		
		RB1#14	23.66	21.83	38.5	PASS		
		RB8#0	22.51	20.68	38.5	PASS		
		RB8#4	22.58	20.75	38.5	PASS		
		RB8#7	22.62	20.79	38.5	PASS		
		RB15#0	22.56	20.73	38.5	PASS		



		MCH	RB1#0	23.62	21.79	38.5	PASS
			RB1#7	23.24	21.41	38.5	PASS
			RB1#14	23.68	21.85	38.5	PASS
			RB8#0	22.57	20.74	38.5	PASS
			RB8#4	22.56	20.73	38.5	PASS
			RB8#7	22.52	20.69	38.5	PASS
			RB15#0	22.57	20.74	38.5	PASS
		HCH	RB1#0	23.56	21.73	38.5	PASS
			RB1#7	23.26	21.43	38.5	PASS
			RB1#14	23.5	21.67	38.5	PASS
			RB8#0	22.57	20.74	38.5	PASS
			RB8#4	22.48	20.65	38.5	PASS
			RB8#7	22.48	20.65	38.5	PASS
			RB15#0	22.5	20.67	38.5	PASS
	5	LCH	RB1#0	23.54	21.71	38.5	PASS
			RB1#13	23.65	21.82	38.5	PASS
			RB1#24	23.6	21.77	38.5	PASS
			RB12#0	22.68	20.85	38.5	PASS
			RB12#6	22.6	20.77	38.5	PASS
			RB12#13	22.61	20.78	38.5	PASS
			RB25#0	22.57	20.74	38.5	PASS
		MCH	RB1#0	23.6	21.77	38.5	PASS
			RB1#13	23.62	21.79	38.5	PASS
			RB1#24	23.58	21.75	38.5	PASS
			RB12#0	22.66	20.83	38.5	PASS
			RB12#6	22.61	20.78	38.5	PASS
			RB12#13	22.6	20.77	38.5	PASS
			RB25#0	22.59	20.76	38.5	PASS
	HCH	RB1#0	23.57	21.74	38.5	PASS	
		RB1#13	23.6	21.77	38.5	PASS	
		RB1#24	23.53	21.7	38.5	PASS	
		RB12#0	22.63	20.8	38.5	PASS	
RB12#6		22.56	20.73	38.5	PASS		
RB12#13		22.6	20.77	38.5	PASS		
RB25#0		22.55	20.72	38.5	PASS		
10	LCH	RB1#0	23.54	21.71	38.5	PASS	
		RB1#25	23.28	21.45	38.5	PASS	
		RB1#49	23.63	21.8	38.5	PASS	
		RB25#0	22.58	20.75	38.5	PASS	



				RB25#13	22.64	20.81	38.5	PASS	
				RB25#25	22.63	20.8	38.5	PASS	
				RB50#0	22.59	20.76	38.5	PASS	
			MCH	RB1#0	23.49	21.66	38.5	PASS	
				RB1#25	23.06	21.23	38.5	PASS	
				RB1#49	23.54	21.71	38.5	PASS	
				RB25#0	22.64	20.81	38.5	PASS	
				RB25#13	22.5	20.67	38.5	PASS	
				RB25#25	22.62	20.79	38.5	PASS	
				RB50#0	22.59	20.76	38.5	PASS	
			HCH	RB1#0	23.47	21.64	38.5	PASS	
				RB1#25	23.15	21.32	38.5	PASS	
				RB1#49	23.46	21.63	38.5	PASS	
				RB25#0	22.63	20.8	38.5	PASS	
				RB25#13	22.59	20.76	38.5	PASS	
		RB25#25		22.57	20.74	38.5	PASS		
		RB50#0		22.54	20.71	38.5	PASS		
		LTE/TM2	1.4	LCH	RB1#0	22.58	20.75	38.5	PASS
					RB1#3	22.09	20.26	38.5	PASS
					RB1#5	22.57	20.74	38.5	PASS
					RB3#0	22.49	20.66	38.5	PASS
					RB3#2	22.43	20.6	38.5	PASS
					RB3#3	22.57	20.74	38.5	PASS
					RB6#0	21.43	19.6	38.5	PASS
				MCH	RB1#0	22.8	20.97	38.5	PASS
					RB1#3	22.56	20.73	38.5	PASS
					RB1#5	22.84	21.01	38.5	PASS
					RB3#0	22.61	20.78	38.5	PASS
					RB3#2	22.45	20.62	38.5	PASS
					RB3#3	22.56	20.73	38.5	PASS
RB6#0	21.48				19.65	38.5	PASS		
HCH	RB1#0			22.61	20.78	38.5	PASS		
	RB1#3	22.14	20.31	38.5	PASS				
	RB1#5	22.56	20.73	38.5	PASS				
	RB3#0	22.49	20.66	38.5	PASS				
	RB3#2	22.13	20.3	38.5	PASS				
	RB3#3	22.47	20.64	38.5	PASS				
	RB6#0	21.39	19.56	38.5	PASS				
3	LCH	RB1#0	22.76	20.93	38.5	PASS			



			RB12#13	21.51	19.68	38.5	PASS
			RB25#0	21.53	19.7	38.5	PASS
	10	LCH	RB1#0	22.58	20.75	38.5	PASS
			RB1#25	22.32	20.49	38.5	PASS
			RB1#49	22.68	20.85	38.5	PASS
			RB25#0	21.51	19.68	38.5	PASS
			RB25#13	21.56	19.73	38.5	PASS
			RB25#25	21.55	19.72	38.5	PASS
			RB50#0	21.54	19.71	38.5	PASS
			MCH	RB1#0	22.55	20.72	38.5
		RB1#25		22.27	20.44	38.5	PASS
		RB1#49		22.5	20.67	38.5	PASS
		RB25#0		21.57	19.74	38.5	PASS
		RB25#13		21.41	19.58	38.5	PASS
		RB25#25		21.52	19.69	38.5	PASS
		RB50#0		21.5	19.67	38.5	PASS
		HCH	RB1#0	22.64	20.81	38.5	PASS
			RB1#25	22.54	20.71	38.5	PASS
			RB1#49	22.58	20.75	38.5	PASS
			RB25#0	21.51	19.68	38.5	PASS
			RB25#13	21.51	19.68	38.5	PASS
			RB25#25	21.47	19.64	38.5	PASS
			RB50#0	21.45	19.62	38.5	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:

$$\text{SET Span} = 1.5 * \text{OBW}$$

SET RBW = 1% 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
BAND5	LTE/TM1	1.4	LCH	RB1#0	4.37	13	PASS
				RB1#3	4.42	13	PASS
				RB1#5	4.31	13	PASS
				RB3#0	4.8	13	PASS
				RB3#2	4.96	13	PASS
				RB3#3	4.81	13	PASS
				RB6#0	5.74	13	PASS
			MCH	RB1#0	4.01	13	PASS
				RB1#3	4.17	13	PASS
				RB1#5	3.96	13	PASS
				RB3#0	4.31	13	PASS
				RB3#2	4.22	13	PASS
				RB3#3	4.25	13	PASS
				RB6#0	5.6	13	PASS
		HCH	RB1#0	4.36	13	PASS	
			RB1#3	4.46	13	PASS	
			RB1#5	4.19	13	PASS	
			RB3#0	4.78	13	PASS	
			RB3#2	4.6	13	PASS	
			RB3#3	4.72	13	PASS	
			RB6#0	5.68	13	PASS	
		3	LCH	RB1#0	4.37	13	PASS
				RB1#7	4.61	13	PASS
				RB1#14	4.31	13	PASS
				RB8#0	5.52	13	PASS
				RB8#4	5.38	13	PASS
				RB8#7	5.47	13	PASS
				RB15#0	5.71	13	PASS
MCH	RB1#0		4.01	13	PASS		
	RB1#7		4.11	13	PASS		
	RB1#14		3.83	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	5.36	13	PASS	
				RB8#4	5.12	13	PASS	
				RB8#7	5.22	13	PASS	
				RB15#0	5.54	13	PASS	
			HCH	RB1#0	4.29	13	PASS	
				RB1#7	4.42	13	PASS	
				RB1#14	4.12	13	PASS	
				RB8#0	5.51	13	PASS	
				RB8#4	5.55	13	PASS	
				RB8#7	5.53	13	PASS	
			RB15#0	5.52	13	PASS		
			5	LCH	RB1#0	4.38	13	PASS
					RB1#13	4.32	13	PASS
					RB1#24	4.46	13	PASS
		RB12#0			5.29	13	PASS	
		RB12#6			5.25	13	PASS	
		RB12#13			5.34	13	PASS	
		RB25#0		5.91	13	PASS		
		MCH		RB1#0	4.07	13	PASS	
				RB1#13	3.83	13	PASS	
				RB1#24	3.79	13	PASS	
				RB12#0	5.37	13	PASS	
				RB12#6	5.09	13	PASS	
			RB12#13	5.22	13	PASS		
		RB25#0	5.53	13	PASS			
		HCH	RB1#0	4.61	13	PASS		
			RB1#13	4.38	13	PASS		
			RB1#24	4.3	13	PASS		
			RB12#0	5.57	13	PASS		
			RB12#6	5.55	13	PASS		
			RB12#13	5.57	13	PASS		
			RB25#0	5.57	13	PASS		
10	LCH	RB1#0	4.21	13	PASS			
		RB1#25	4.42	13	PASS			
		RB1#49	4.03	13	PASS			
		RB25#0	5.58	13	PASS			
		RB25#13	5.61	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	5.67	13	PASS
				RB50#0	5.87	13	PASS
			MCH	RB1#0	4.23	13	PASS
				RB1#25	3.91	13	PASS
				RB1#49	4	13	PASS
				RB25#0	5.54	13	PASS
				RB25#13	5.21	13	PASS
				RB25#25	5.27	13	PASS
			HCH	RB50#0	5.82	13	PASS
				RB1#0	3.8	13	PASS
				RB1#25	4.28	13	PASS
				RB1#49	4.33	13	PASS
				RB25#0	5.25	13	PASS
				RB25#13	5.46	13	PASS
			LCH	RB25#25	5.63	13	PASS
				RB50#0	5.68	13	PASS
				RB1#0	5.26	13	PASS
				RB1#3	5.31	13	PASS
	RB1#5	5.2		13	PASS		
	RB3#0	5.95		13	PASS		
	RB3#2	5.78		13	PASS		
	RB3#3	5.81		13	PASS		
	RB6#0	6.4		13	PASS		
	MCH	RB1#0		5.03	13	PASS	
		RB1#3		5.08	13	PASS	
		RB1#5		4.96	13	PASS	
		RB3#0	5.31	13	PASS		
		RB3#2	5.45	13	PASS		
		RB3#3	5.37	13	PASS		
	HCH	RB6#0	6.53	13	PASS		
RB1#0		4.73	13	PASS			
RB1#3		5.25	13	PASS			
RB1#5		4.7	13	PASS			
RB3#0		5.56	13	PASS			
RB3#2		5.67	13	PASS			
	RB3#3	5.45	13	PASS			
	RB6#0	6.26	13	PASS			
	LCH	RB1#0	5.26	13	PASS		
		RB1#3	5.31	13	PASS		
		RB1#5	5.2	13	PASS		
		RB3#0	5.95	13	PASS		
RB3#2		5.78	13	PASS			
RB3#3		5.81	13	PASS			
MCH	RB6#0	6.4	13	PASS			
	RB1#0	5.03	13	PASS			
	RB1#3	5.08	13	PASS			
	RB1#5	4.96	13	PASS			
	RB3#0	5.31	13	PASS			
	RB3#2	5.45	13	PASS			
HCH	RB3#3	5.37	13	PASS			
	RB6#0	6.53	13	PASS			
	RB1#0	4.73	13	PASS			
	RB1#3	5.25	13	PASS			
	RB1#5	4.7	13	PASS			
	RB3#0	5.56	13	PASS			
	RB3#2	5.67	13	PASS			
	RB3#3	5.45	13	PASS			
	RB6#0	6.26	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	5.35	13	PASS
				RB1#7	5.63	13	PASS
				RB1#14	5.28	13	PASS
				RB8#0	6.36	13	PASS
				RB8#4	6.4	13	PASS
				RB8#7	6.39	13	PASS
			RB15#0	6.55	13	PASS	
			MCH	RB1#0	5.04	13	PASS
				RB1#7	5.29	13	PASS
				RB1#14	4.9	13	PASS
				RB8#0	5.98	13	PASS
				RB8#4	5.85	13	PASS
				RB8#7	5.9	13	PASS
			RB15#0	6.28	13	PASS	
			HCH	RB1#0	5.09	13	PASS
				RB1#7	5.42	13	PASS
				RB1#14	5.1	13	PASS
				RB8#0	6.28	13	PASS
		RB8#4		6.17	13	PASS	
		RB8#7		6.23	13	PASS	
		RB15#0	6.61	13	PASS		
		5	LCH	RB1#0	5.43	13	PASS
				RB1#13	5.37	13	PASS
				RB1#24	5.5	13	PASS
				RB12#0	6.57	13	PASS
				RB12#6	6.48	13	PASS
				RB12#13	6.65	13	PASS
			RB25#0	6.57	13	PASS	
MCH	RB1#0		5	13	PASS		
	RB1#13		4.75	13	PASS		
	RB1#24		4.7	13	PASS		
	RB12#0		6.19	13	PASS		
	RB12#6		6.03	13	PASS		
	RB12#13	6.09	13	PASS			
RB25#0	6.41	13	PASS				
HCH	RB1#0	4.93	13	PASS			
	RB1#13	5.11	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#24	4.94	13	PASS	
				RB12#0	6.34	13	PASS	
				RB12#6	6.31	13	PASS	
				RB12#13	6.44	13	PASS	
				RB25#0	6.74	13	PASS	
		10	LCH	RB1#0	5.32	13	PASS	
				RB1#25	5.53	13	PASS	
				RB1#49	5.54	13	PASS	
				RB25#0	6.38	13	PASS	
				RB25#13	6.37	13	PASS	
				RB25#25	6.44	13	PASS	
				RB50#0	6.82	13	PASS	
				MCH	RB1#0	5.45	13	PASS
					RB1#25	4.94	13	PASS
					RB1#49	4.83	13	PASS
					RB25#0	6.38	13	PASS
					RB25#13	6.13	13	PASS
					RB25#25	6.14	13	PASS
			HCH	RB50#0	6.64	13	PASS	
				RB1#0	4.83	13	PASS	
				RB1#25	5.29	13	PASS	
				RB1#49	5.18	13	PASS	
				RB25#0	6.04	13	PASS	
				RB25#13	6.24	13	PASS	
				RB25#25	6.41	13	PASS	
			RB50#0	6.73	13	PASS		

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

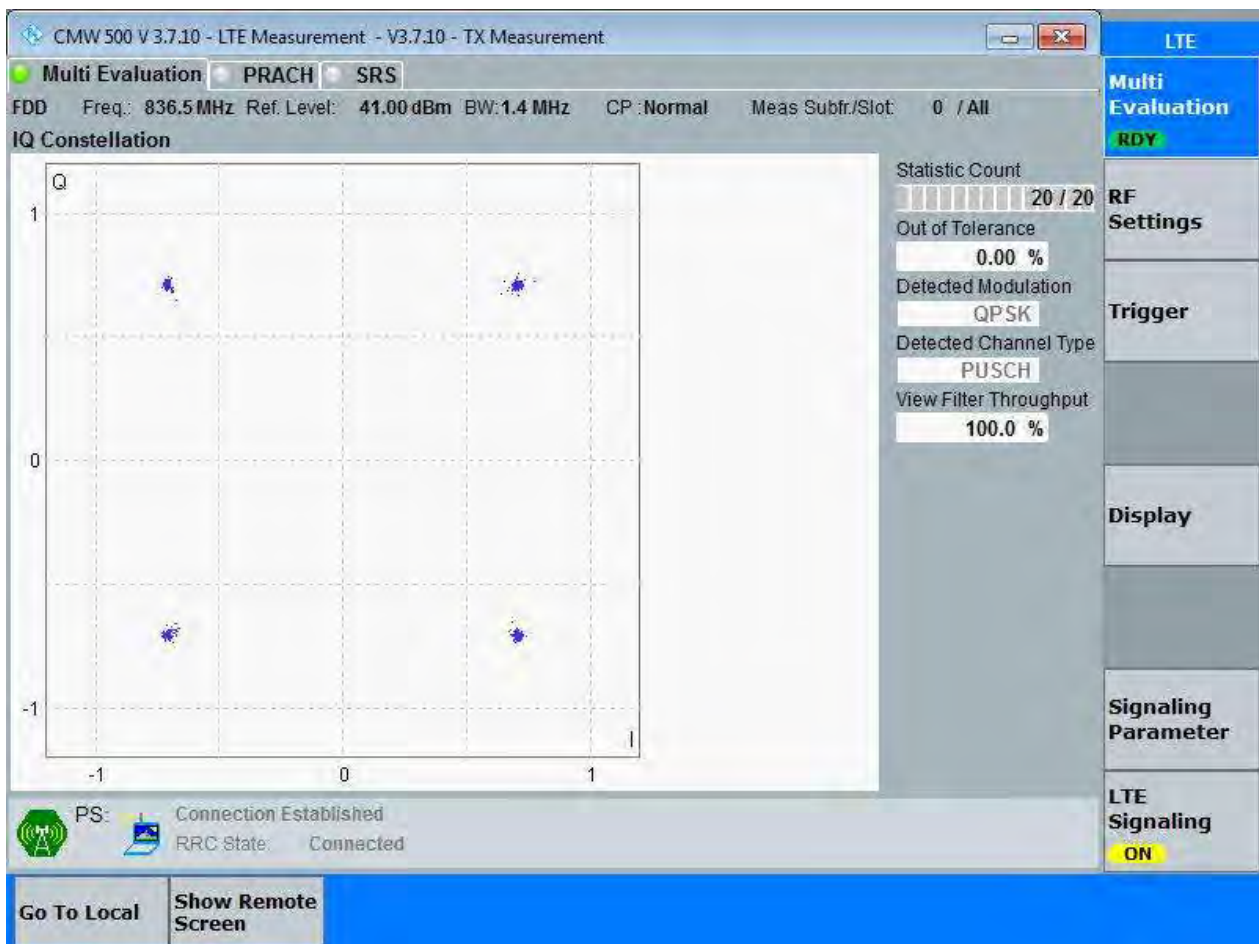
3.1.1 Test Band = BAND5

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

3.1.1.1.1.1.1 Test RB = RB6#0

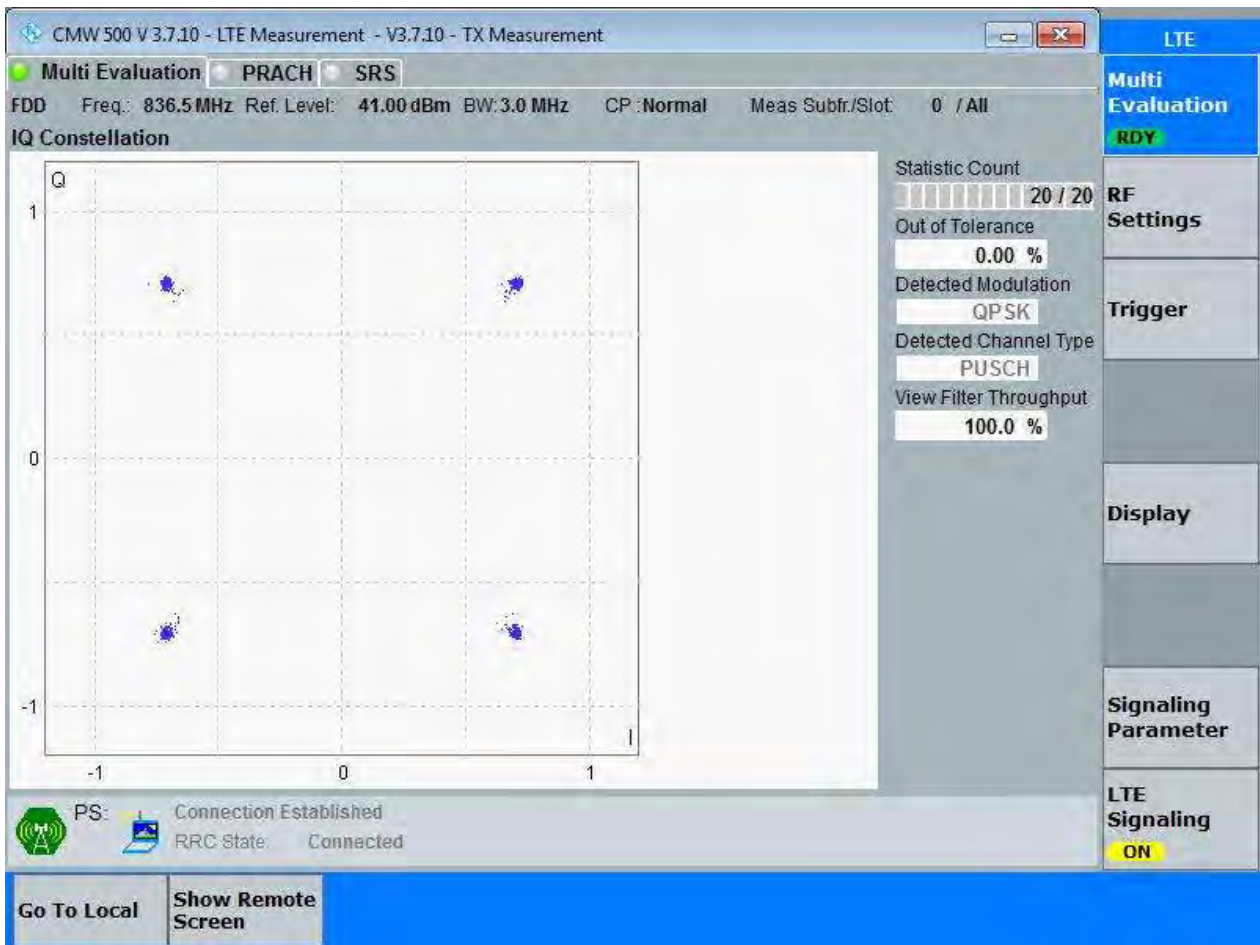




3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

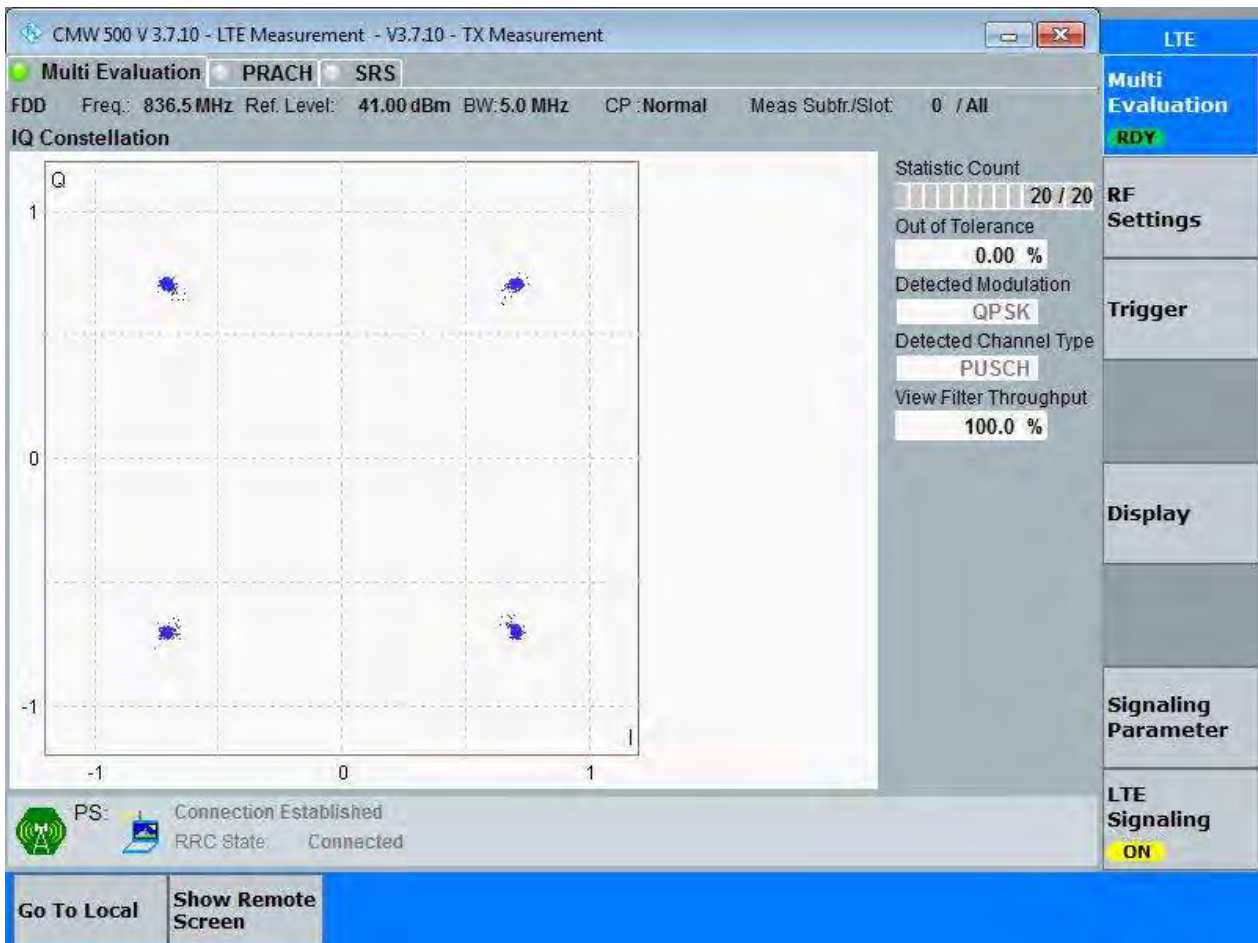
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

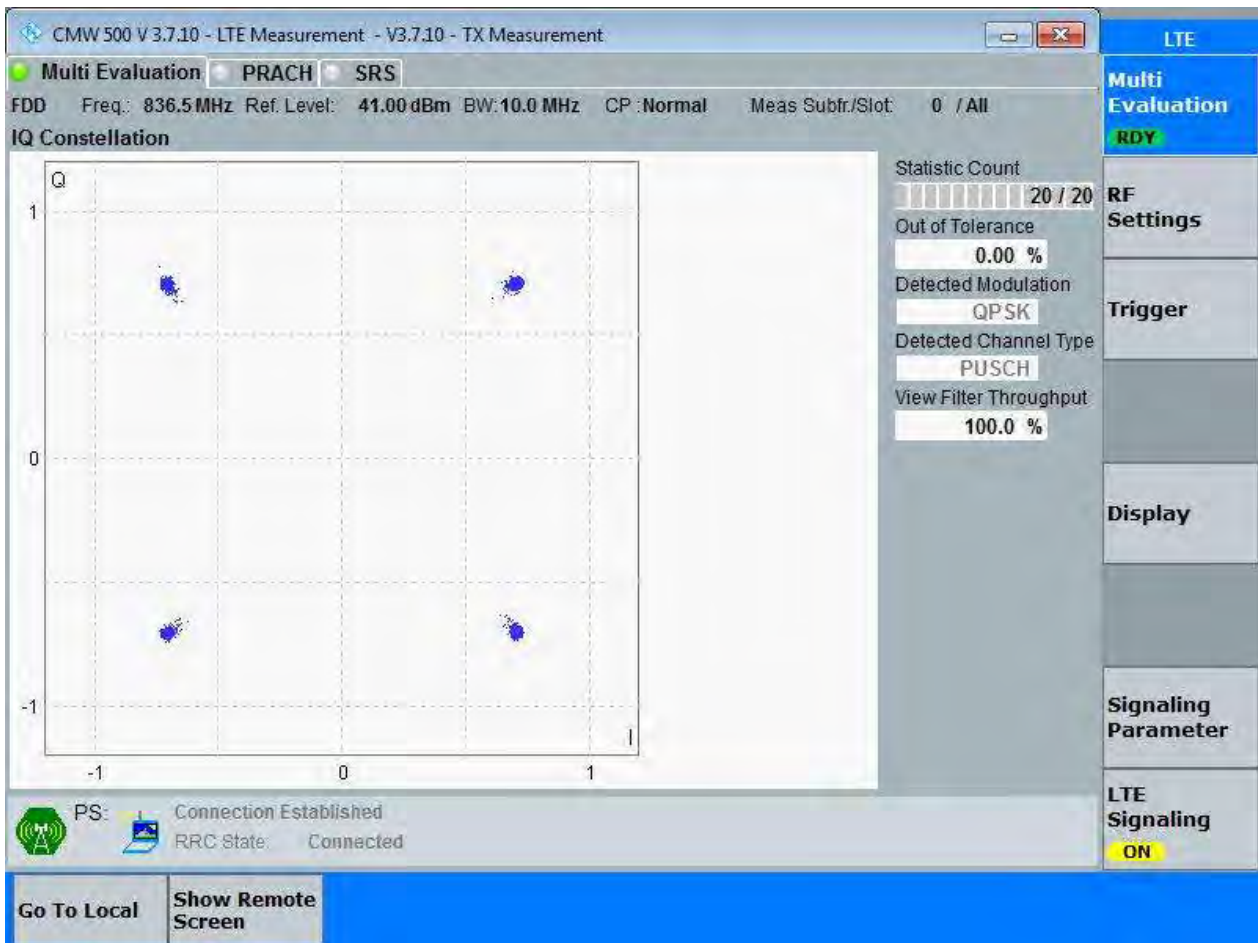
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0

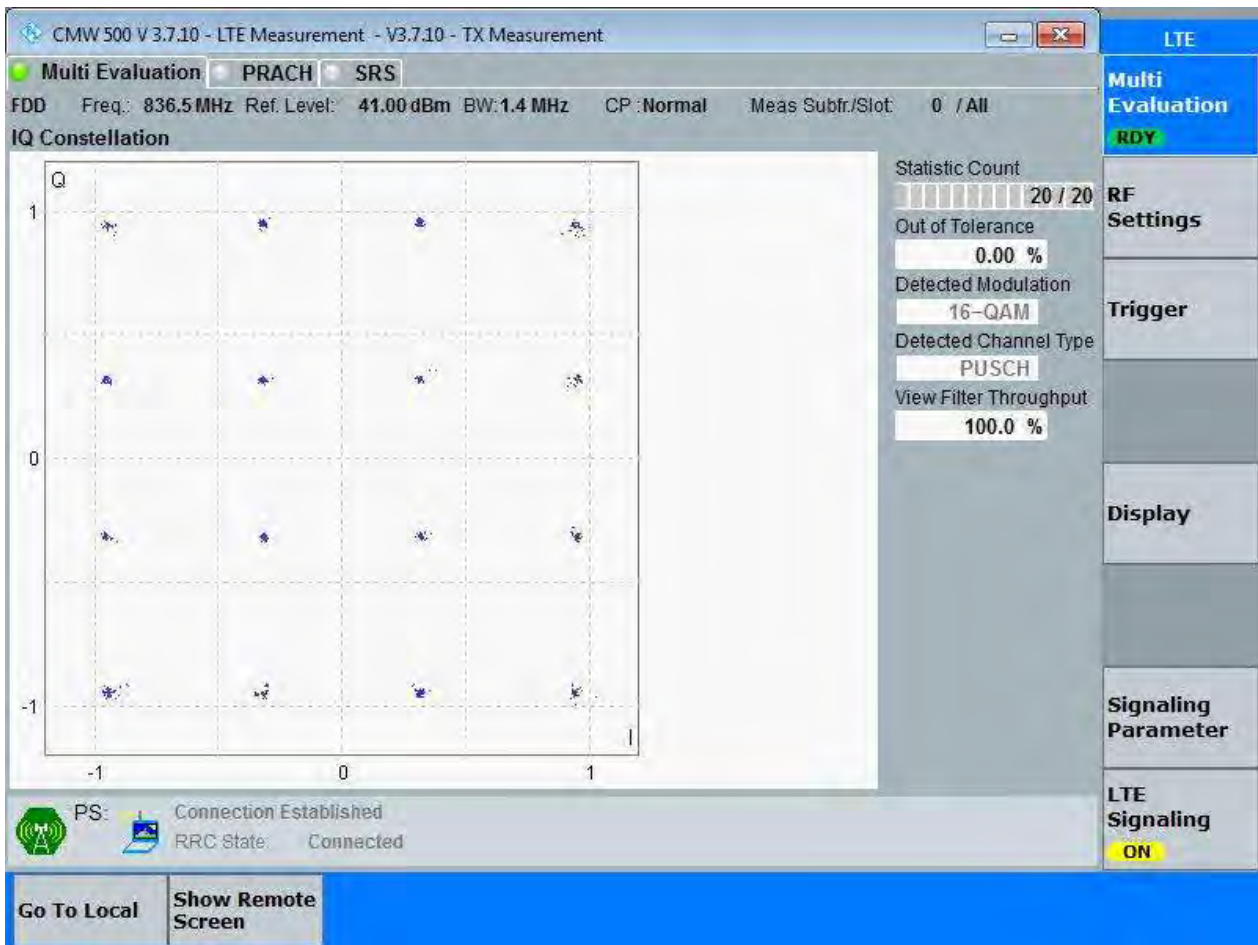


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

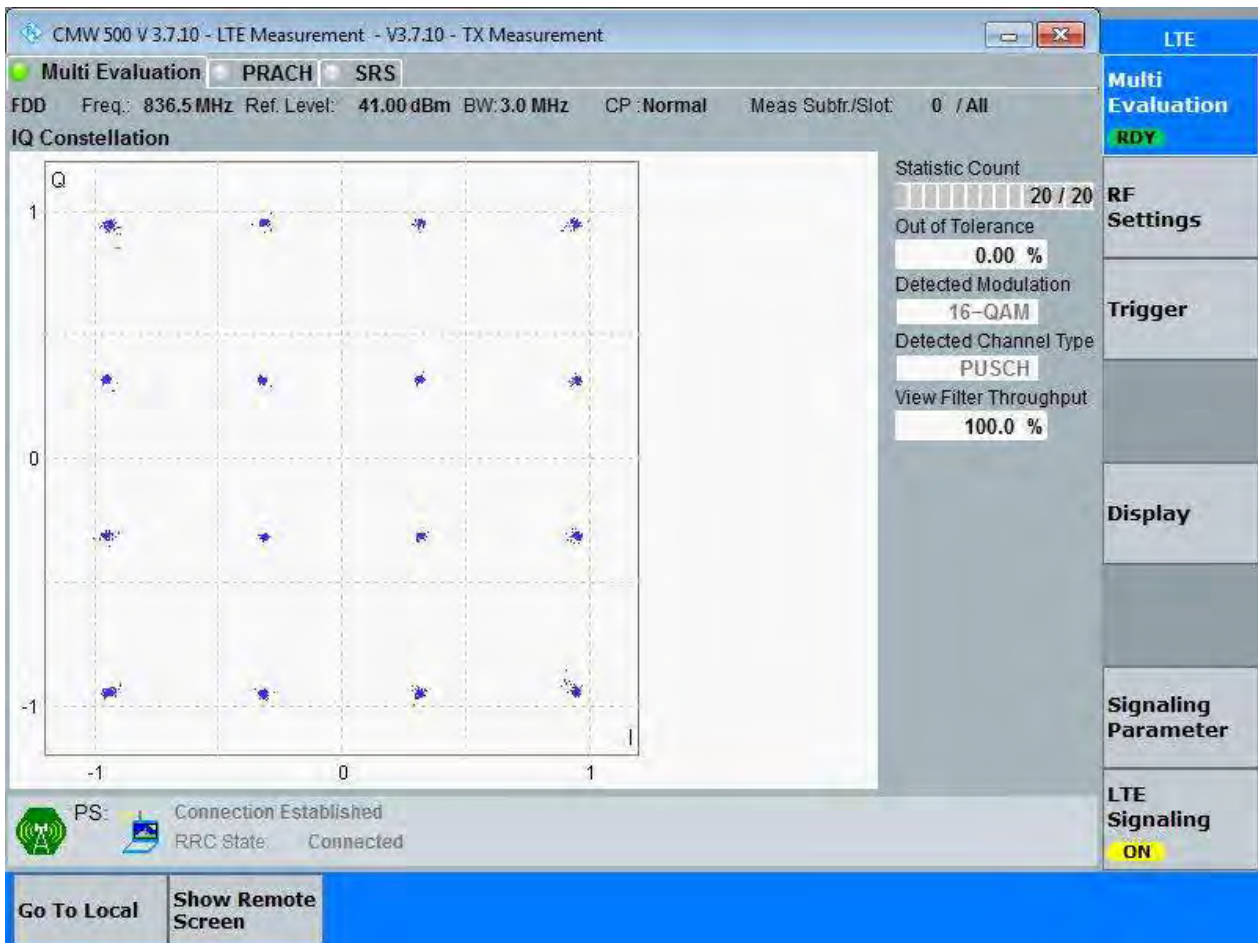
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

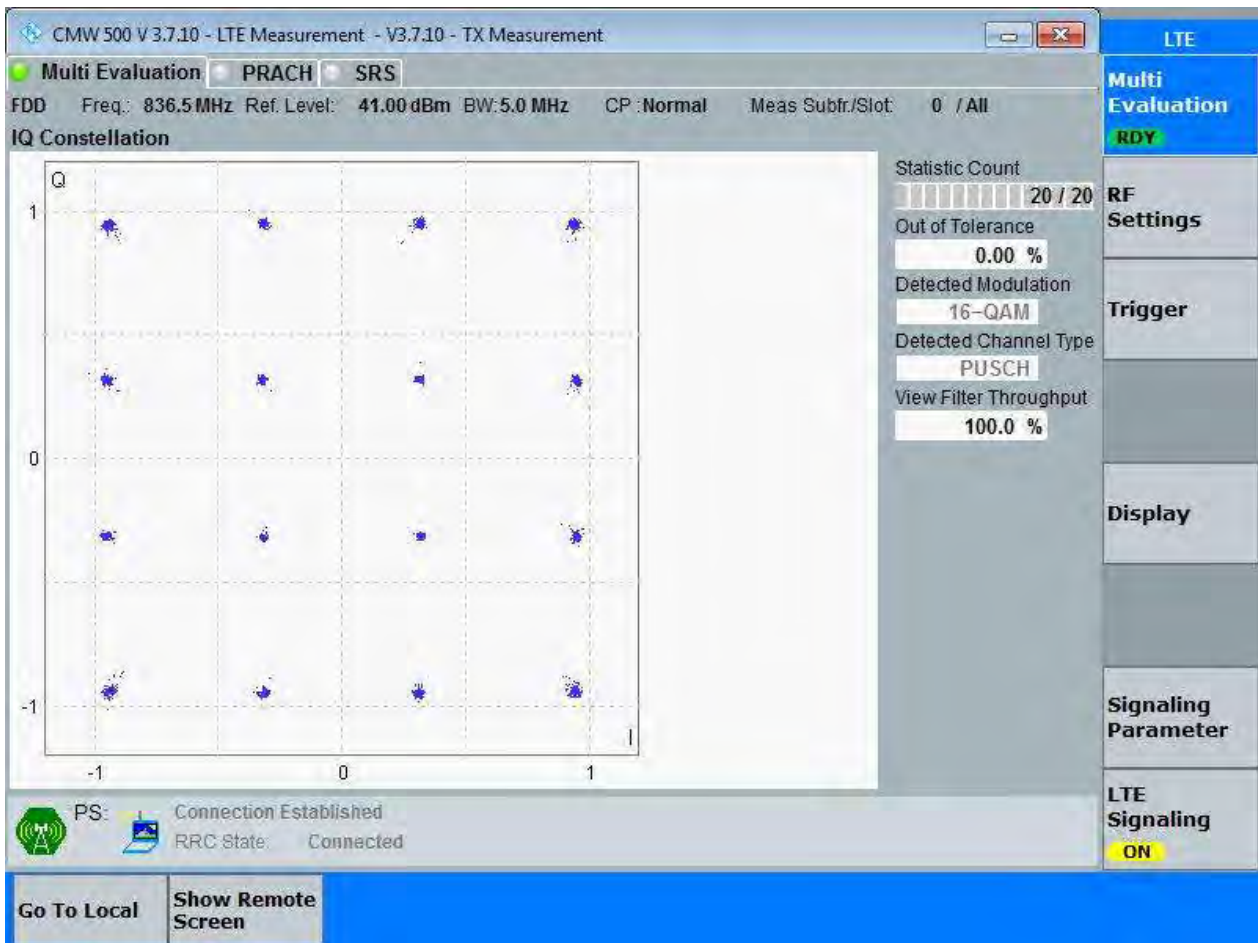
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

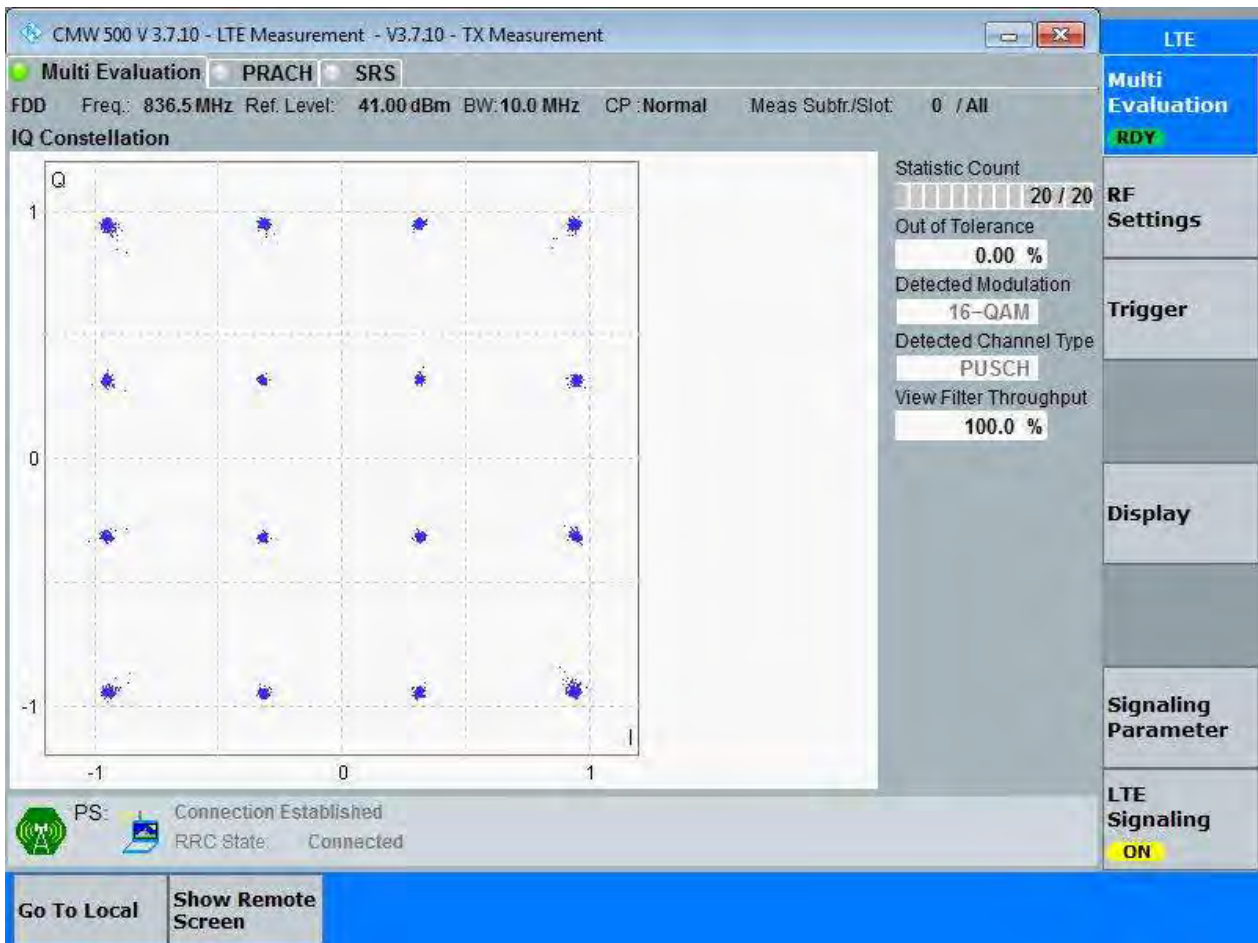
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#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
BAND5	LTE/TM1	1.4	LCH	RB6#0	1.10	1.23	Pass
			MCH	RB6#0	1.09	1.25	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	3.01	Pass
			HCH	RB15#0	2.71	2.96	Pass
		5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.52	4.98	Pass
		10	LCH	RB50#0	9.01	9.93	Pass
			MCH	RB50#0	9.01	10.05	Pass
			HCH	RB50#0	9.01	9.89	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.26	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	3.00	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	9.01	9.92	Pass
			MCH	RB50#0	8.99	9.88	Pass
			HCH	RB50#0	9.00	9.93	Pass

Part II - Test Plots

4.1 For LTE

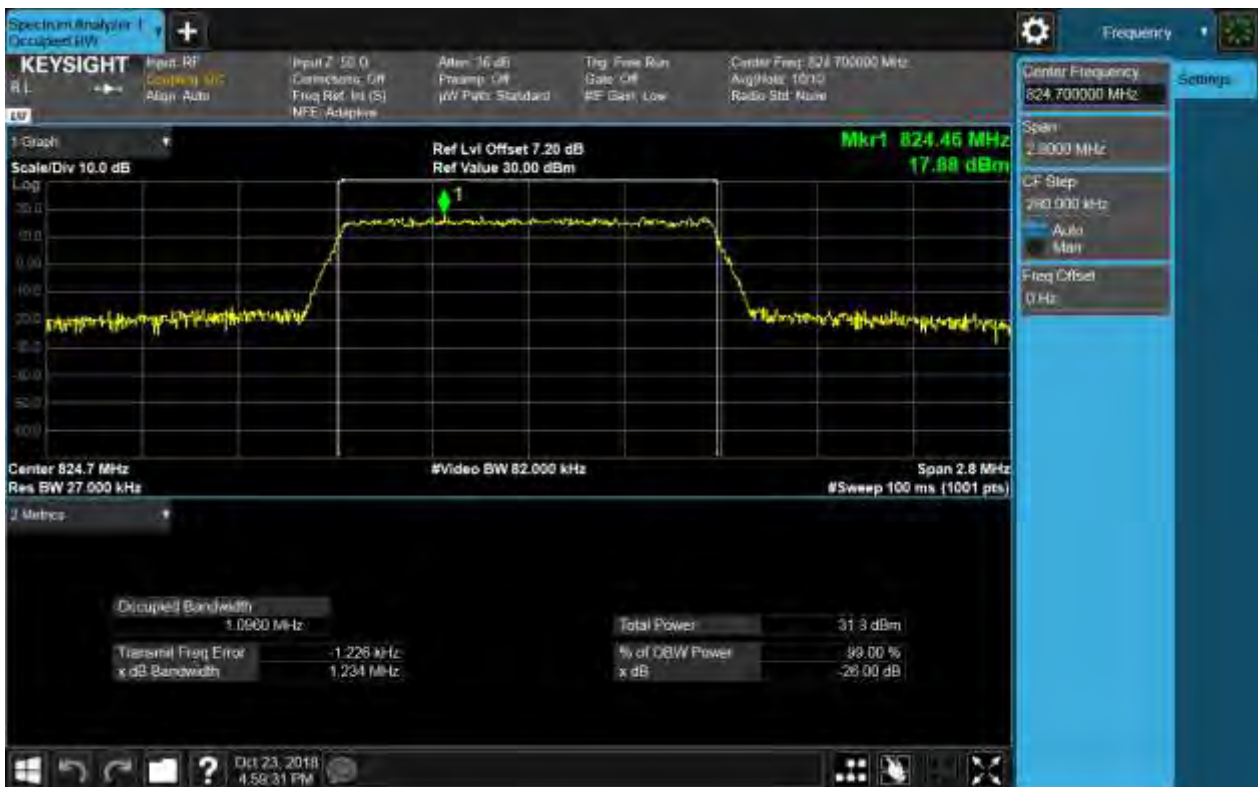
4.1.1 Test Band = BAND5

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

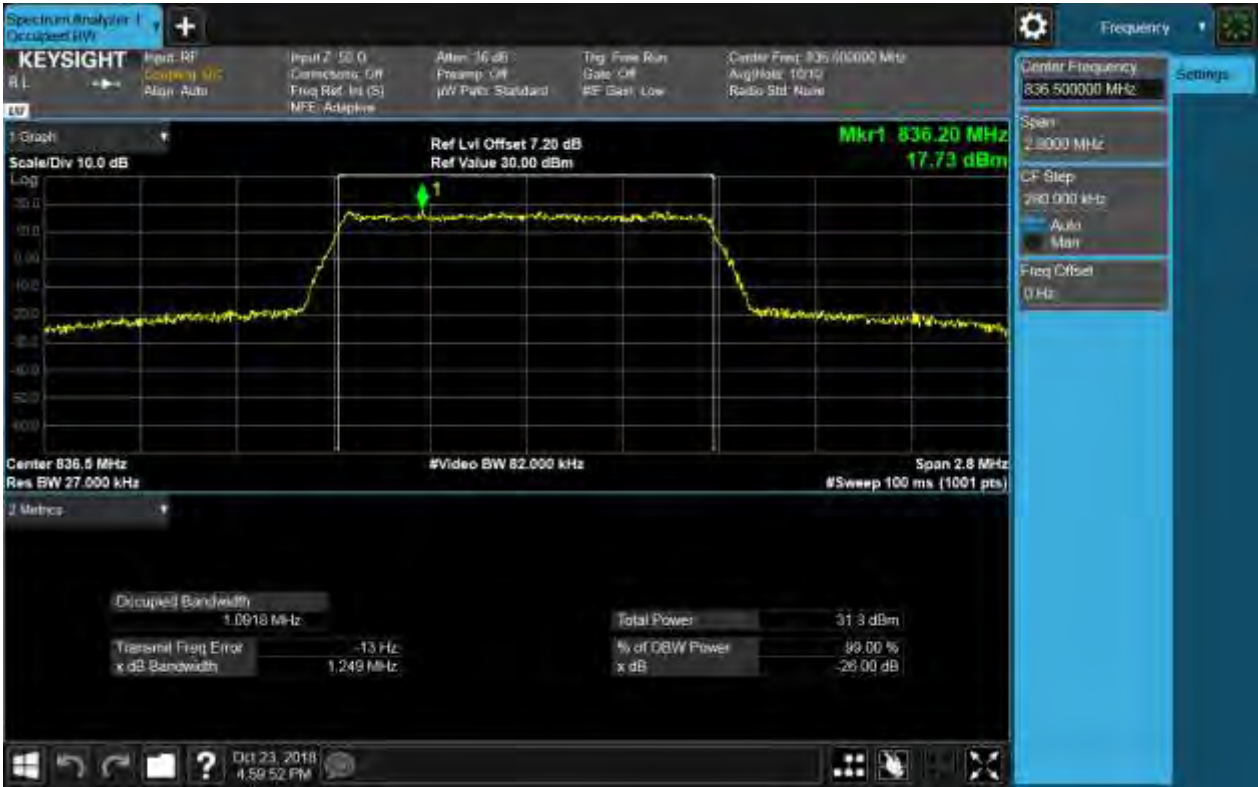
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



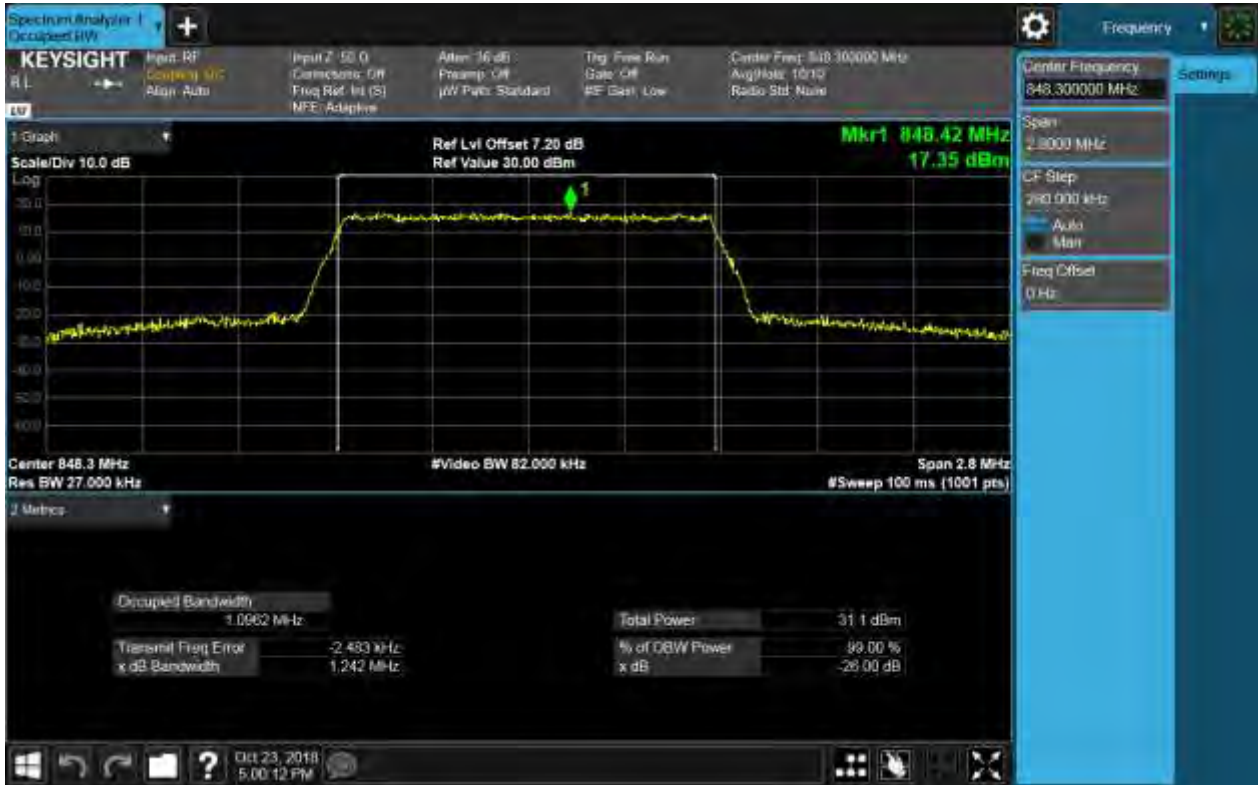
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

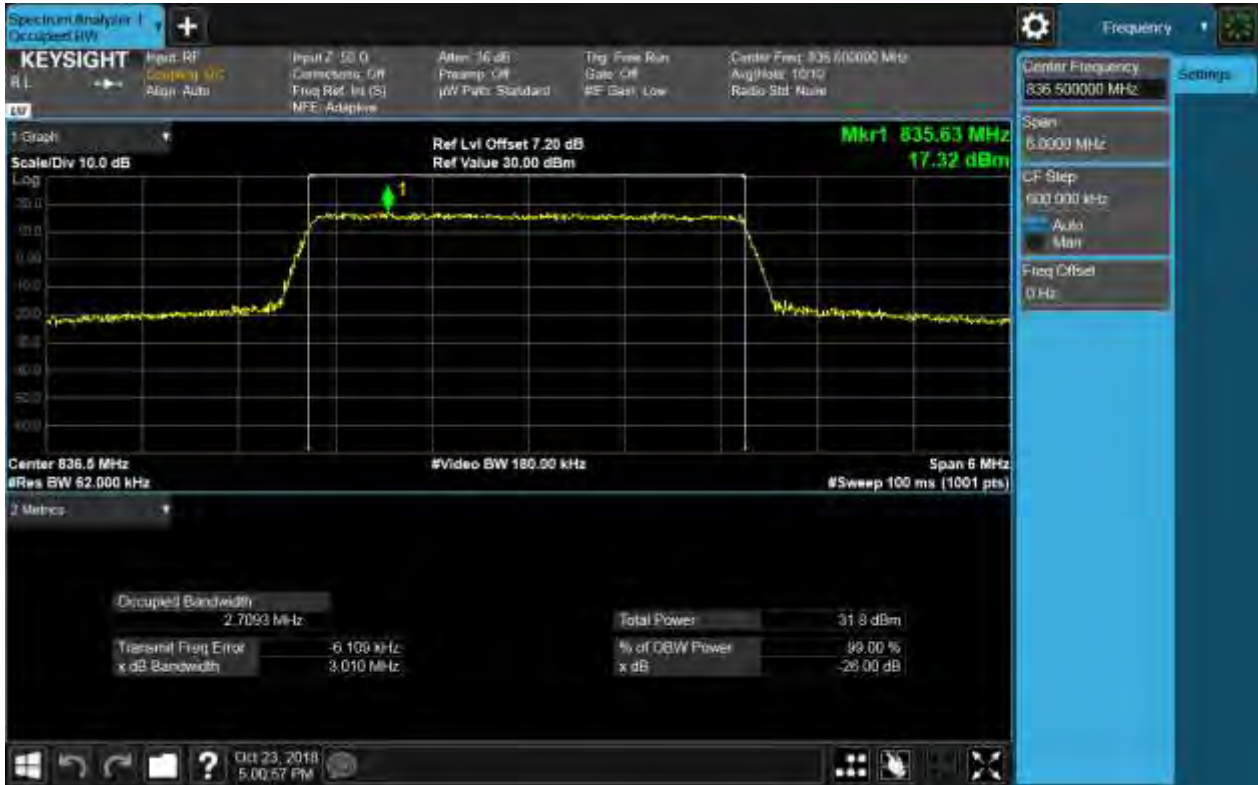
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



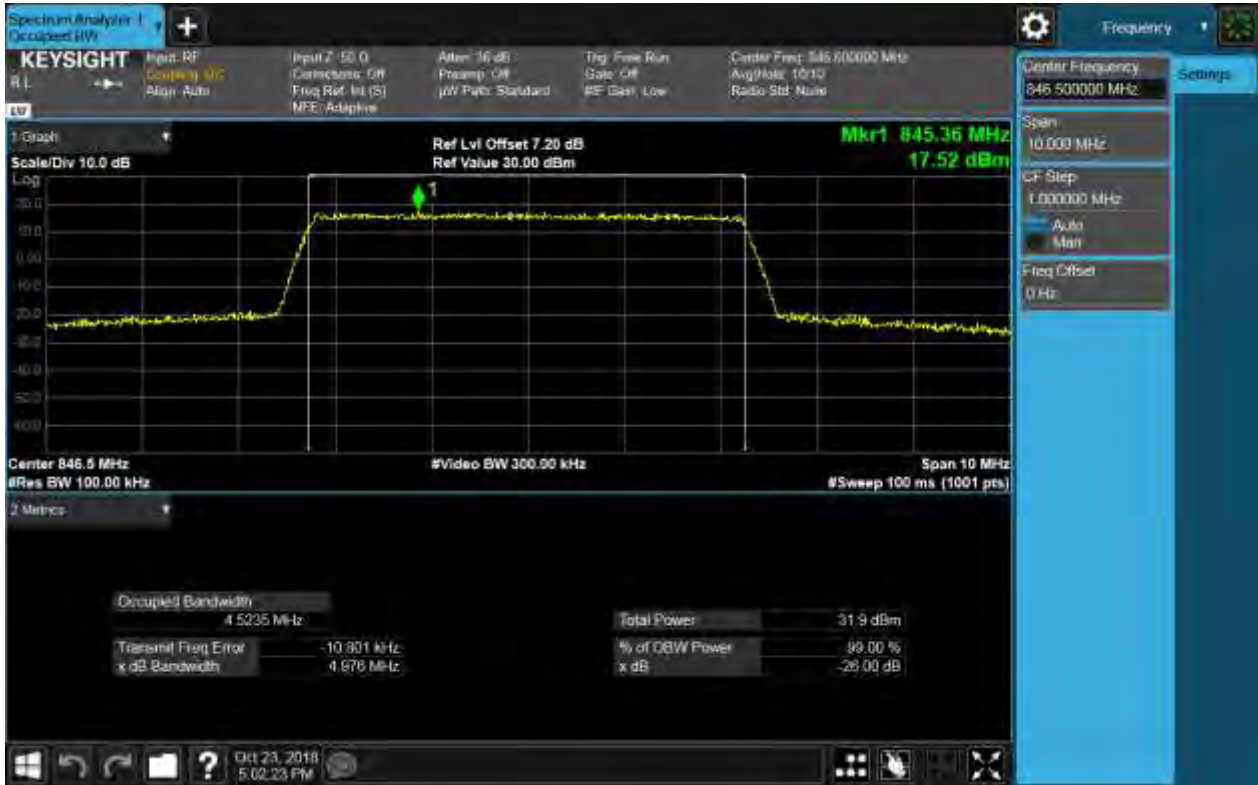
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

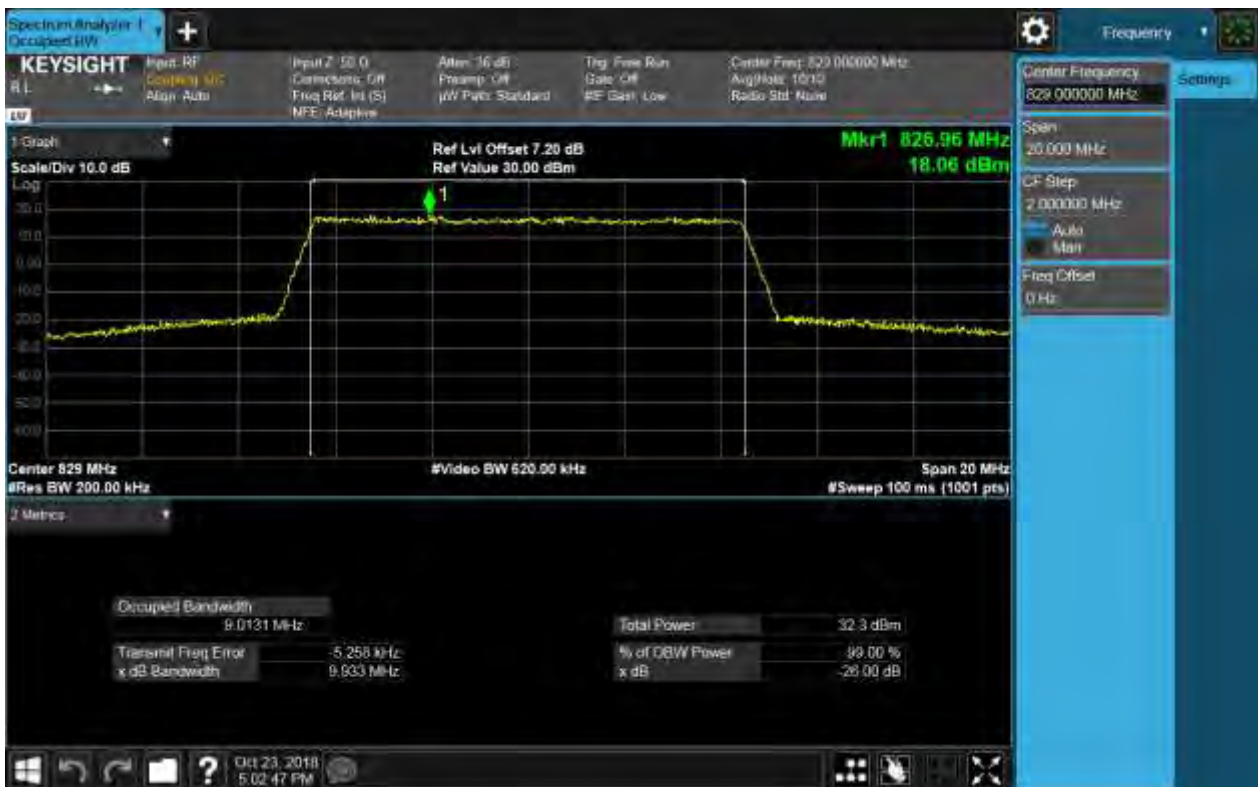
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

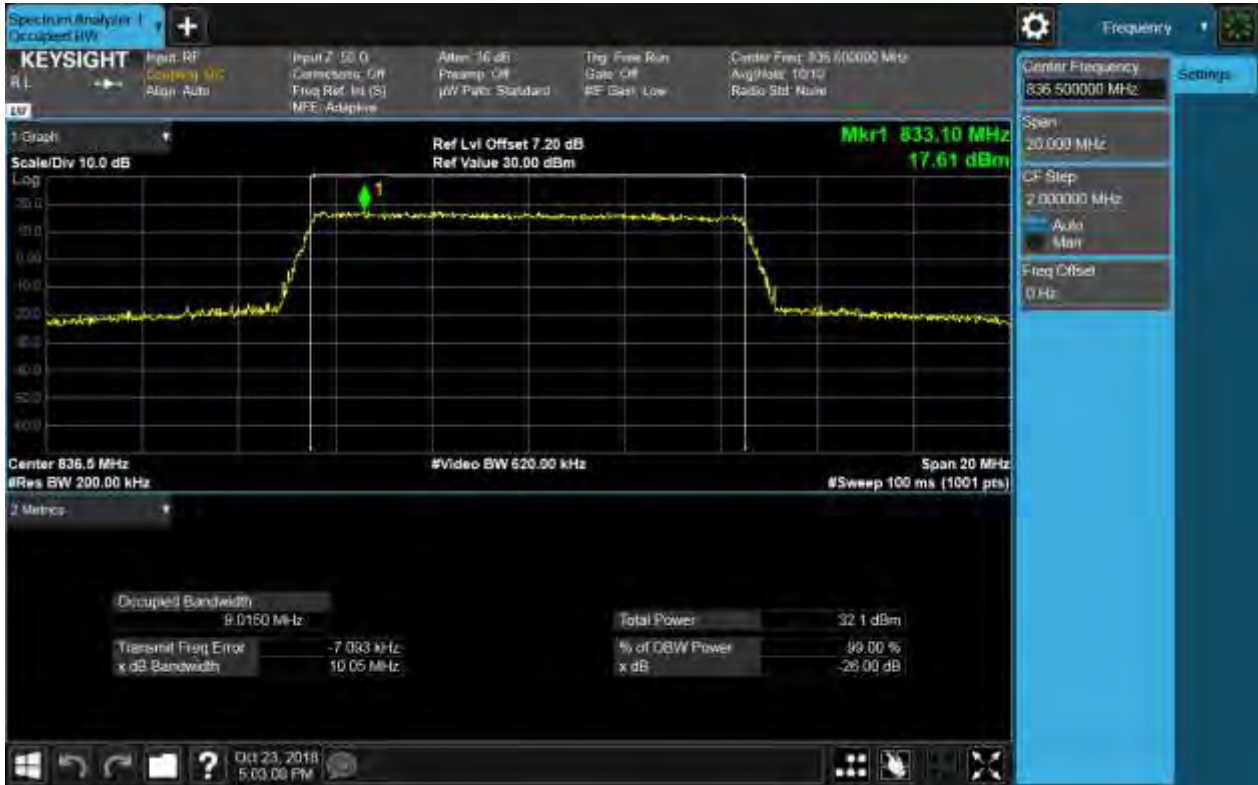
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

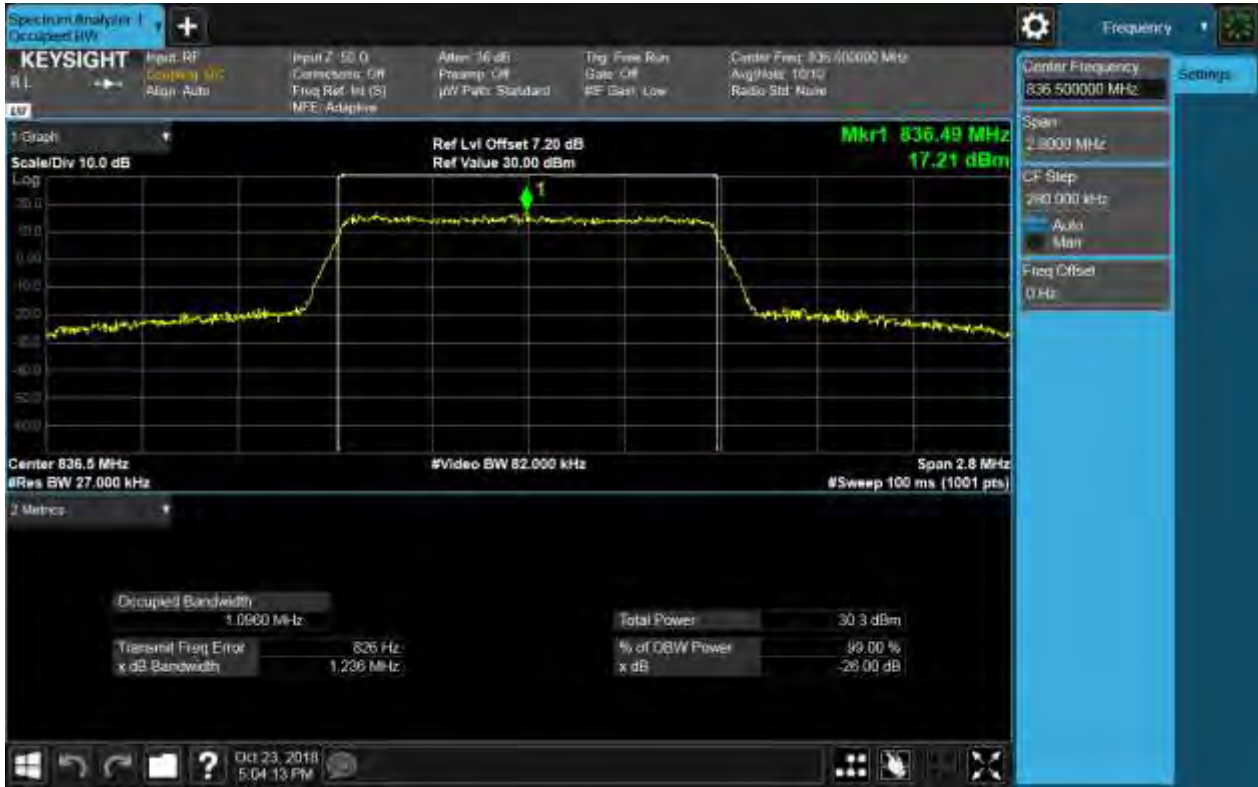
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

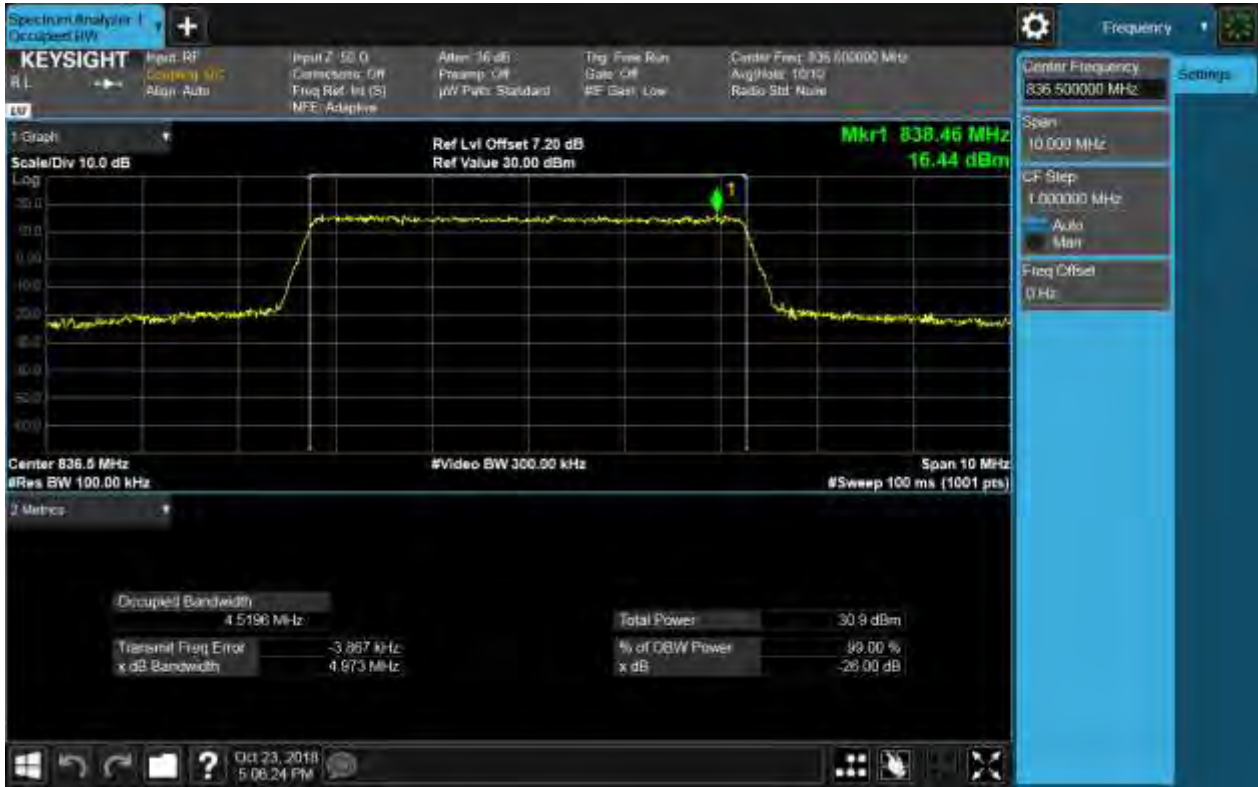
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

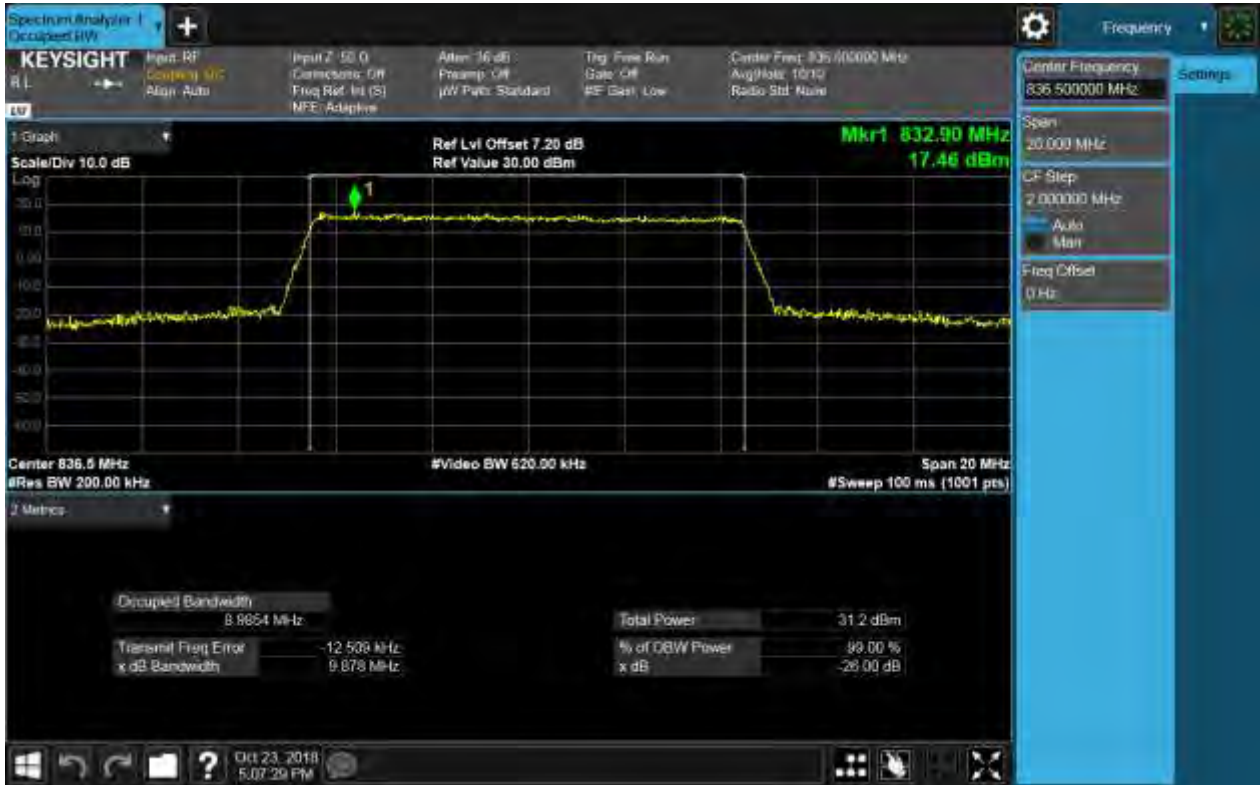
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



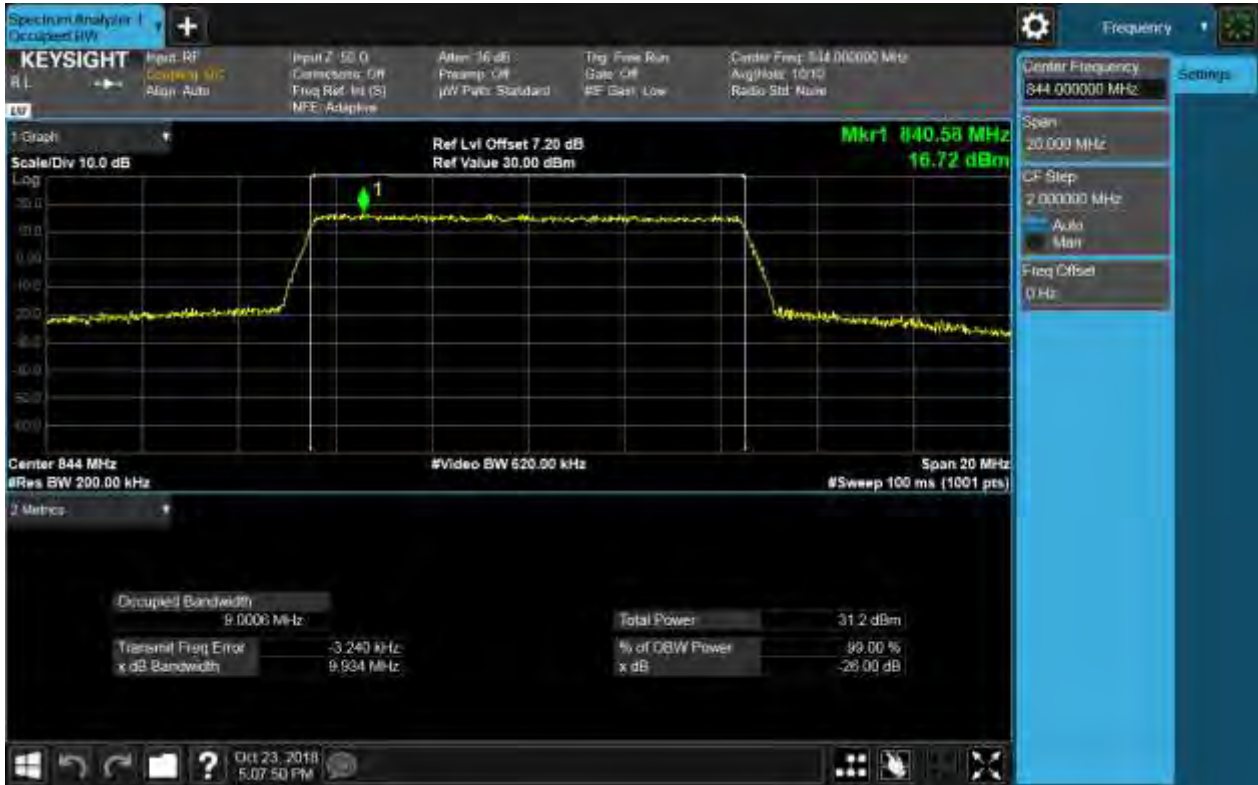
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.3 For LTE

5.3.1 Test Band = BAND5

5.3.1.1 Test Mode = LTE/TM1

5.3.1.1.1 Test Bandwidth = 1.4

5.3.1.1.1.1 Test Channel = LCH

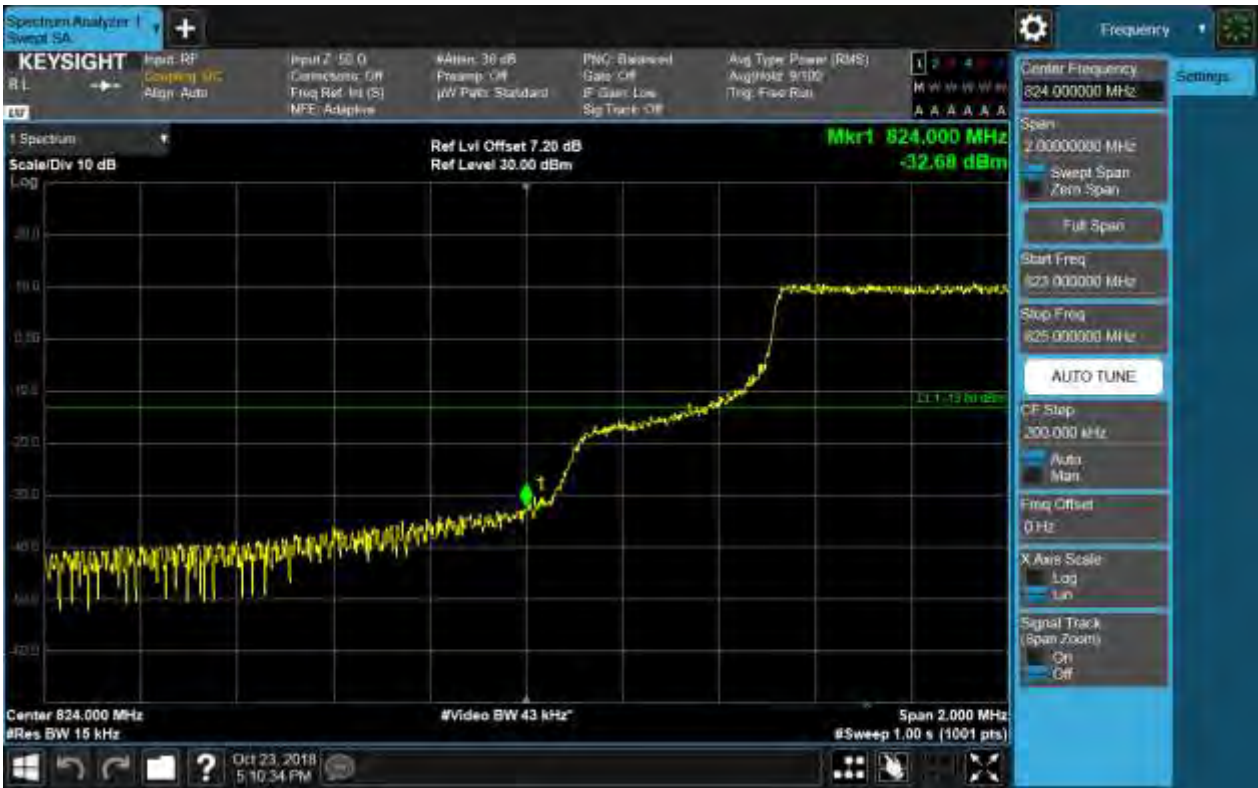
5.3.1.1.1.1.1 Test RB = RB1#0



5.3.1.1.1.2 Test RB = RB1#5



5.3.1.1.1.3 Test RB = RB3#2

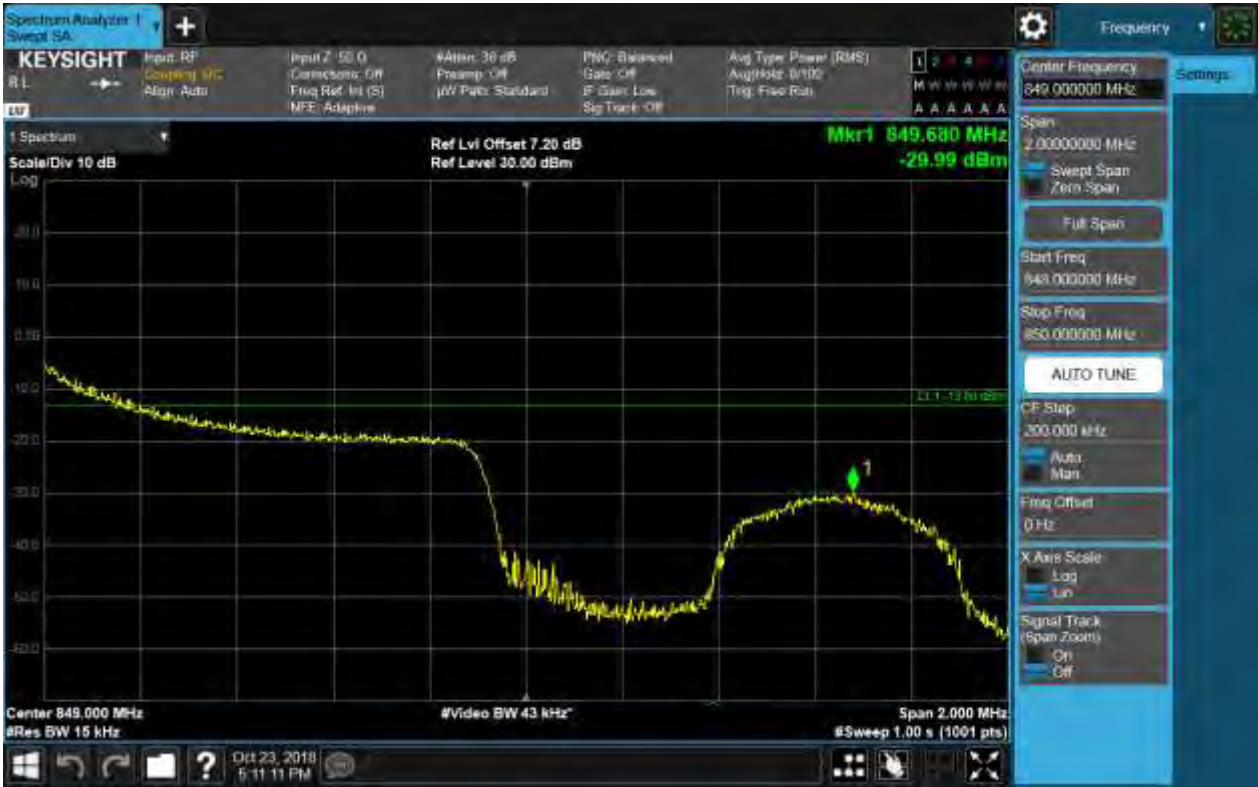


5.3.1.1.1.4 Test RB = RB6#0

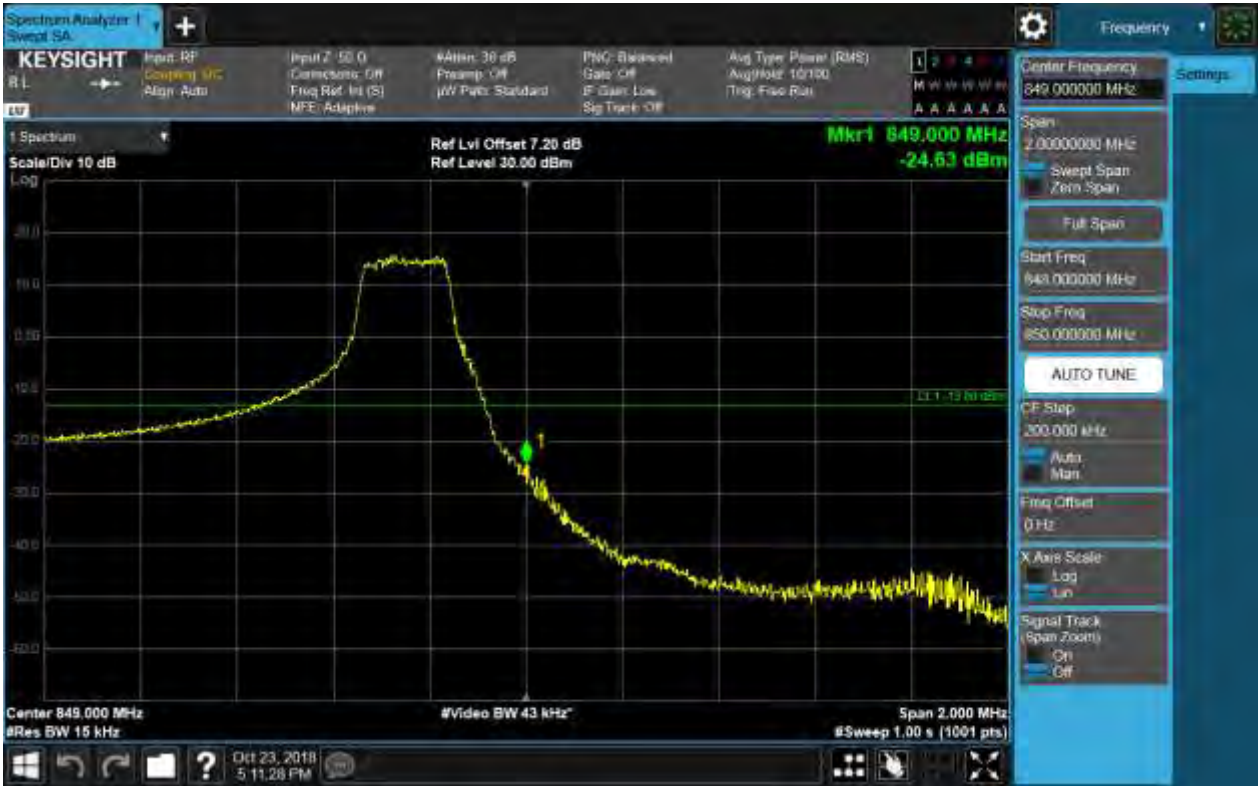


5.3.1.1.1.2 Test Channel = HCH

5.3.1.1.1.2.1 Test RB = RB1#0



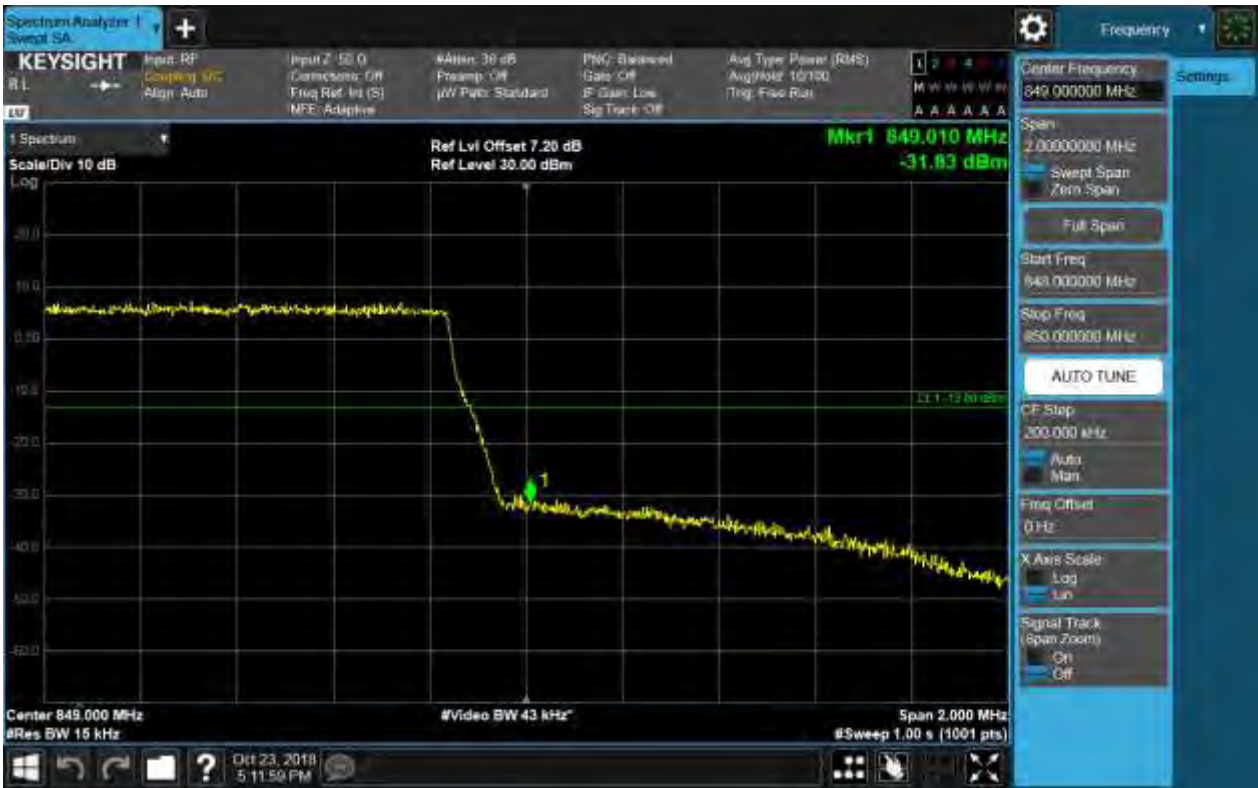
5.3.1.1.1.2.2 Test RB = RB1#5



5.3.1.1.1.2.3 Test RB = RB3#2



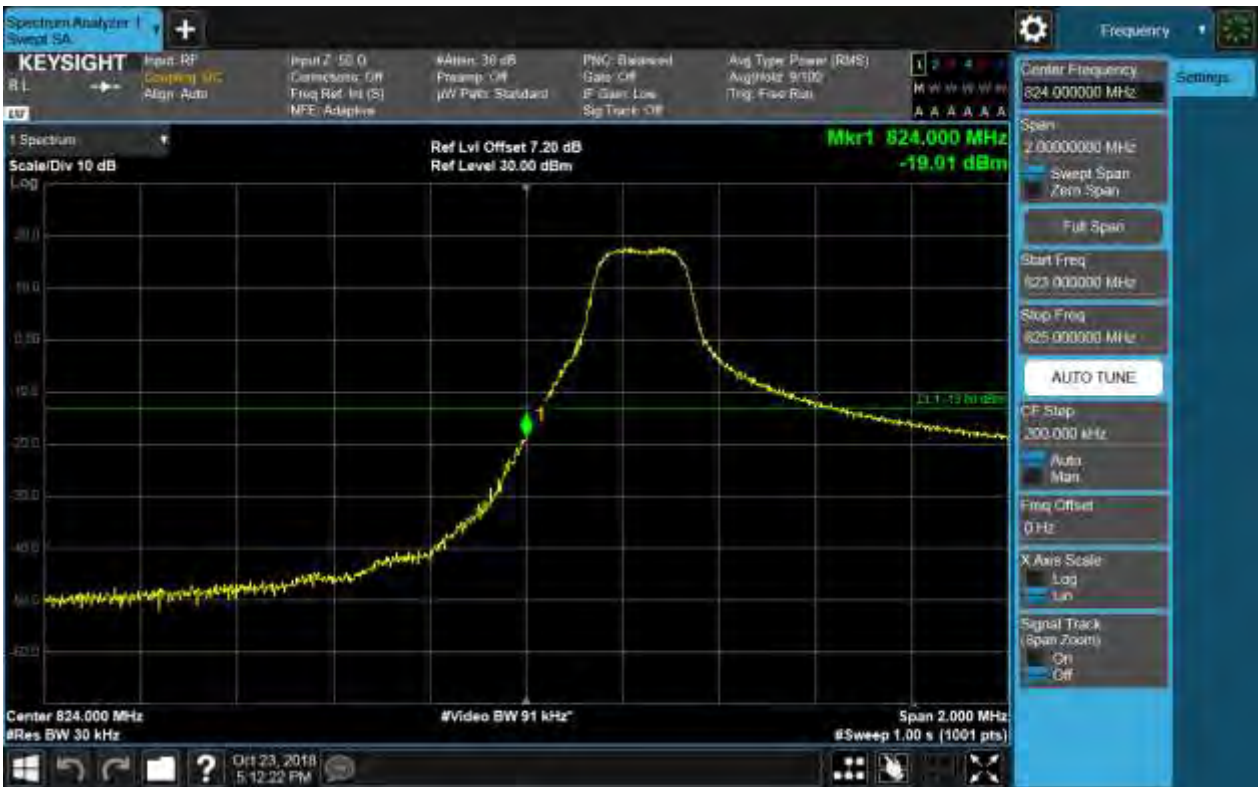
5.3.1.1.1.2.4 Test RB = RB6#0



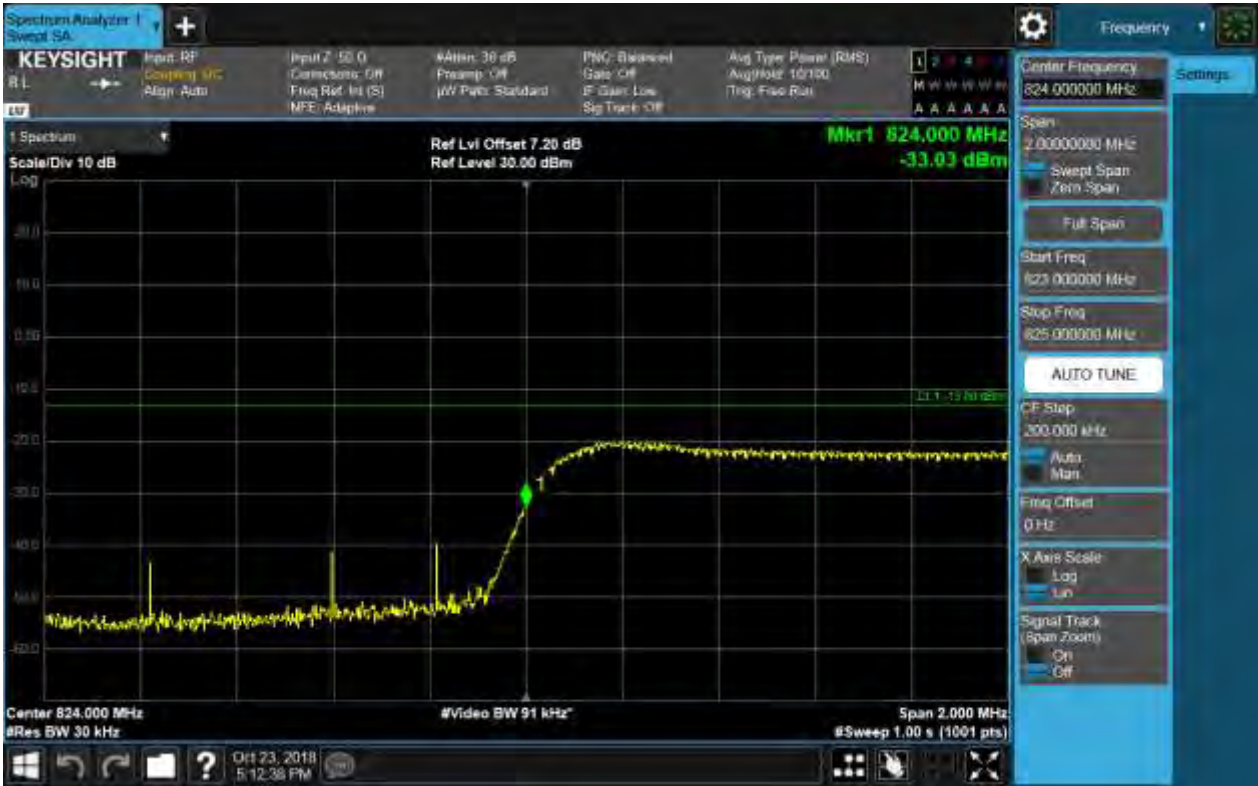
5.3.1.1.2 Test Bandwidth = 3

5.3.1.1.2.1 Test Channel = LCH

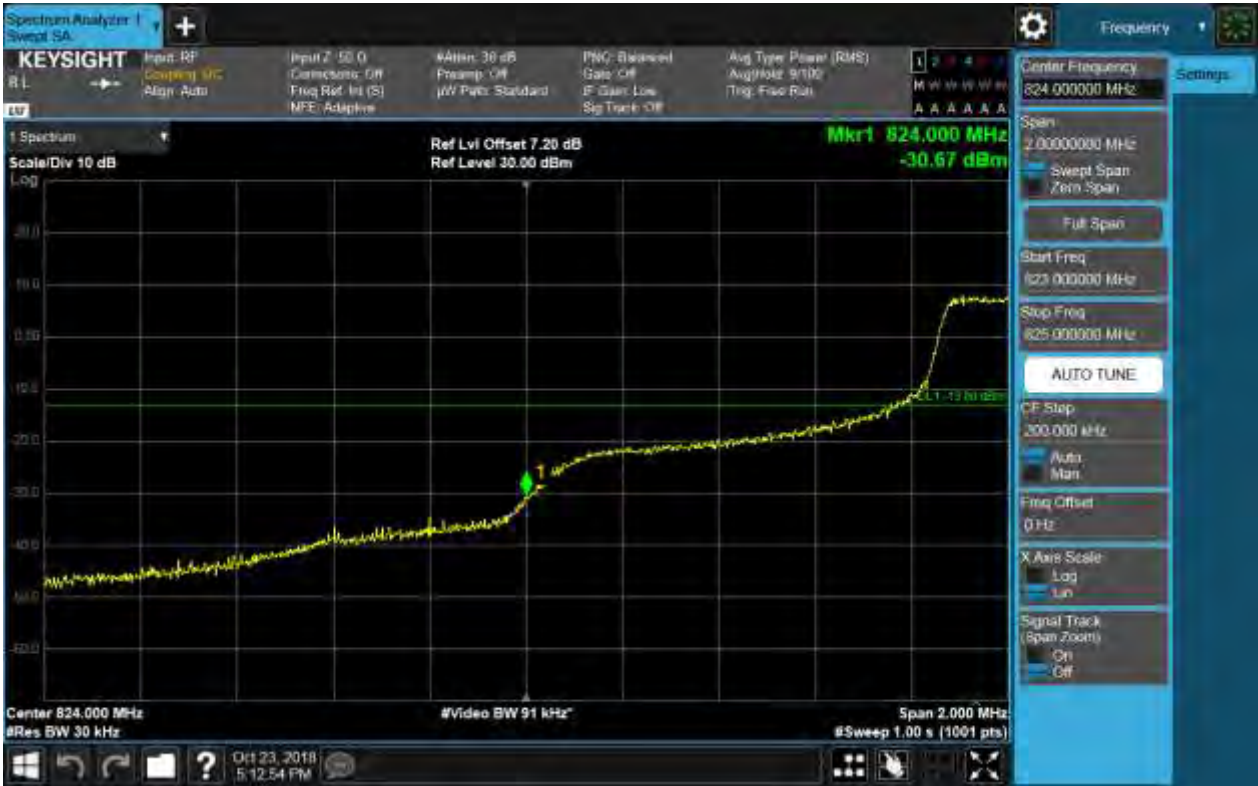
5.3.1.1.2.1.1 Test RB = RB1#0



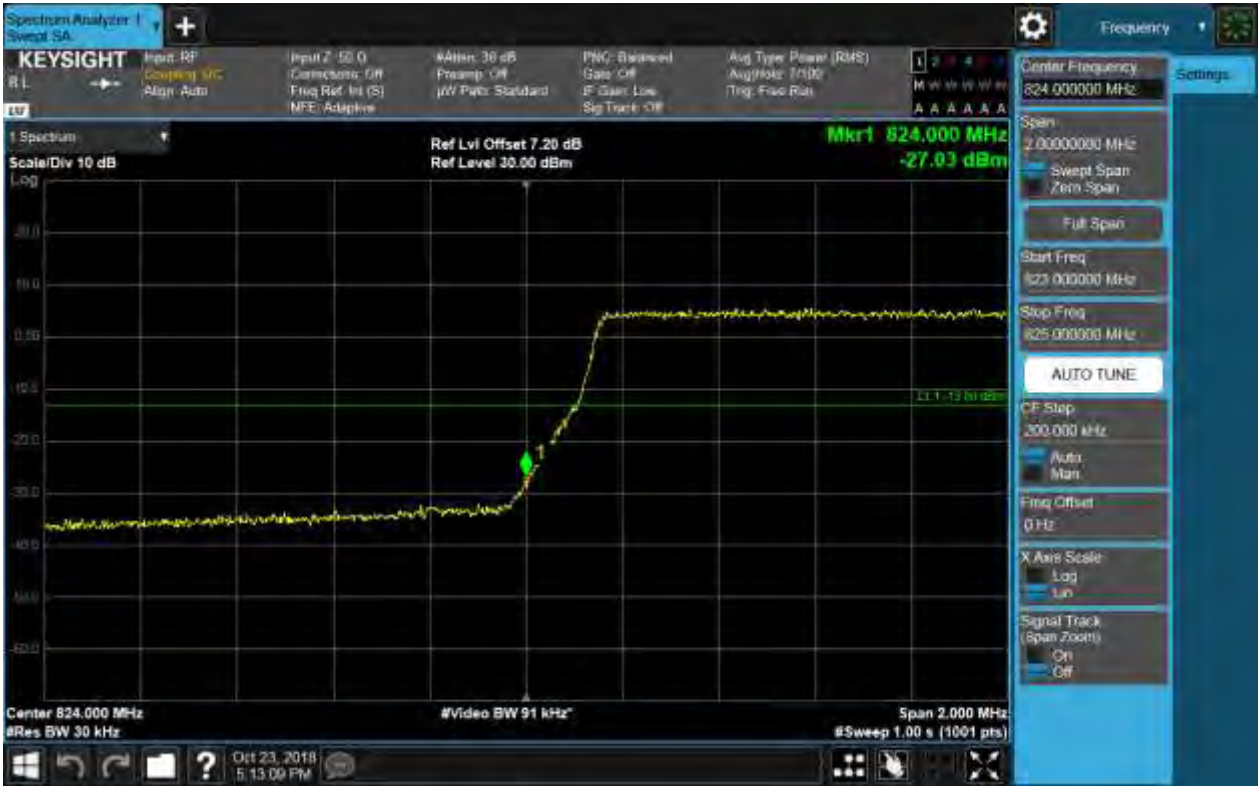
5.3.1.1.2.1.2 Test RB = RB1#14



5.3.1.1.2.1.3 Test RB = RB8#4

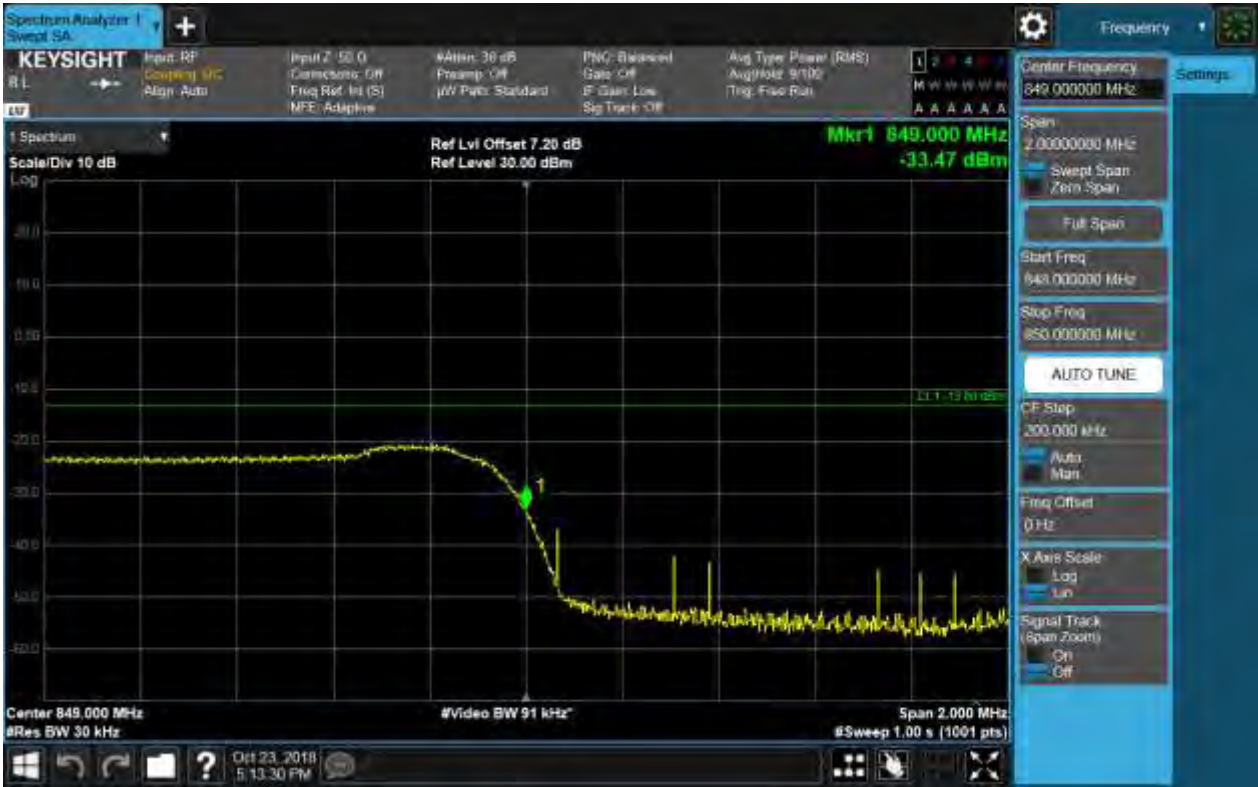


5.3.1.1.2.1.4 Test RB = RB15#0

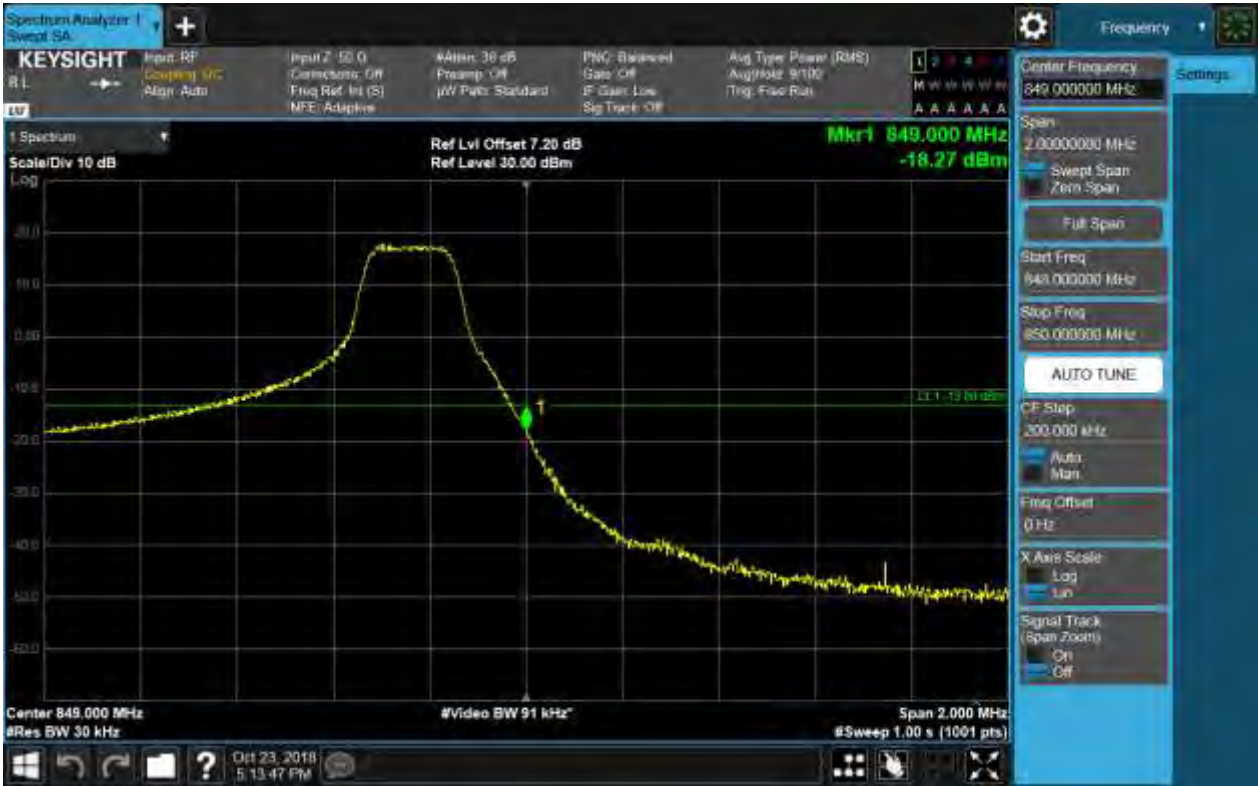


5.3.1.1.2.2 Test Channel = HCH

5.3.1.1.2.2.1 Test RB = RB1#0



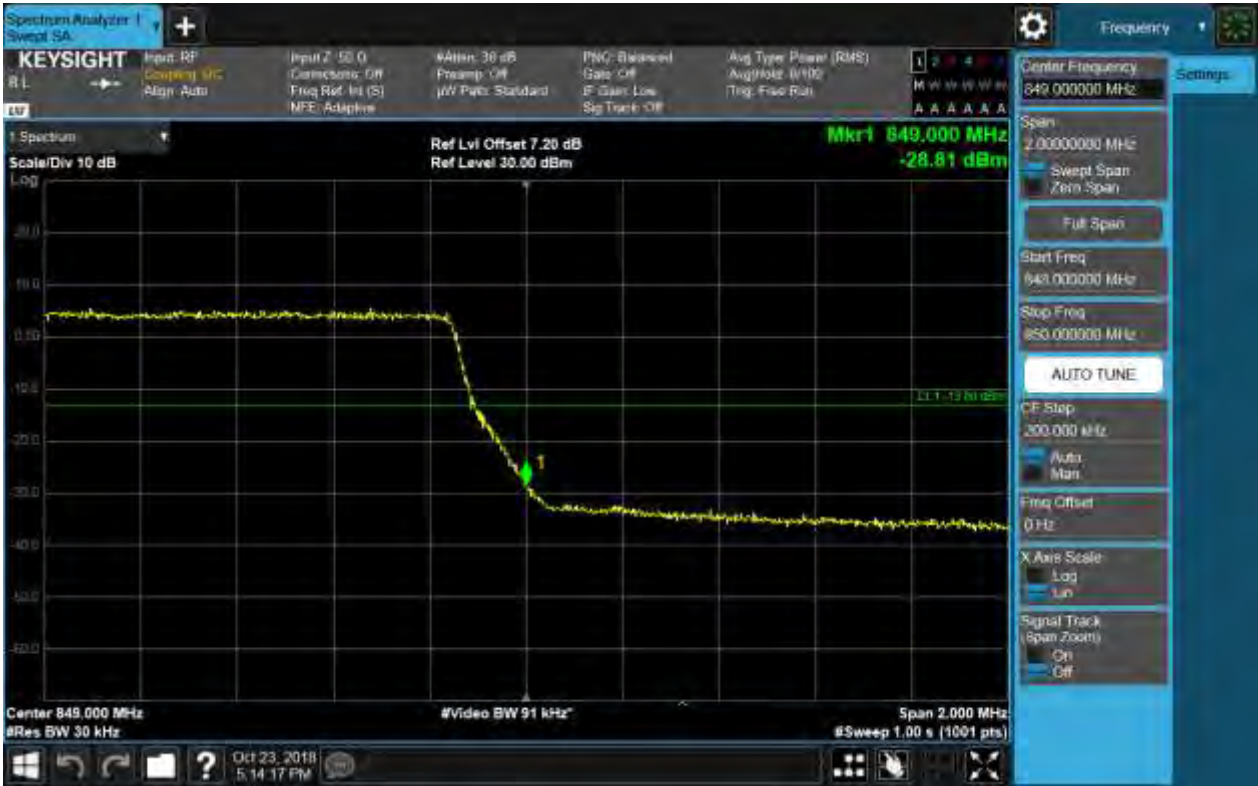
5.3.1.1.2.2 Test RB = RB1#14



5.3.1.1.2.2.3 Test RB = RB8#4



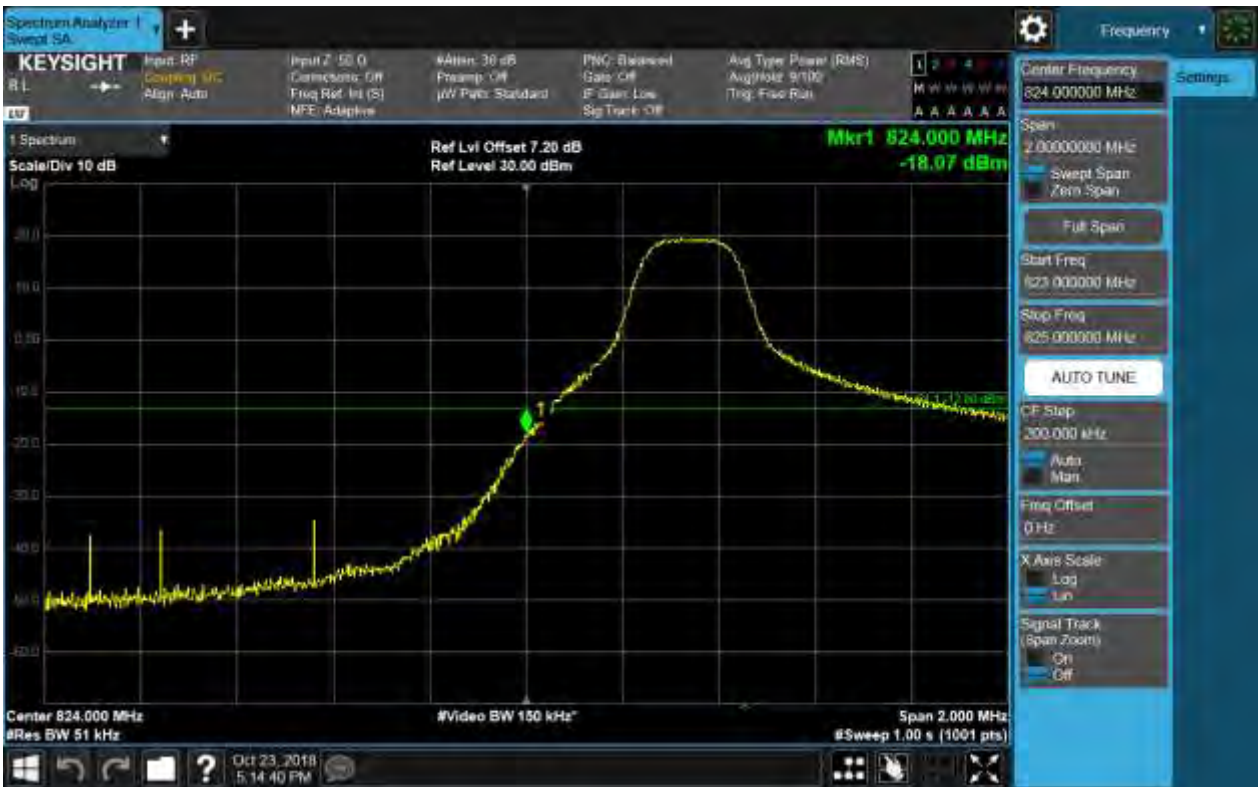
5.3.1.1.2.2.4 Test RB = RB15#0



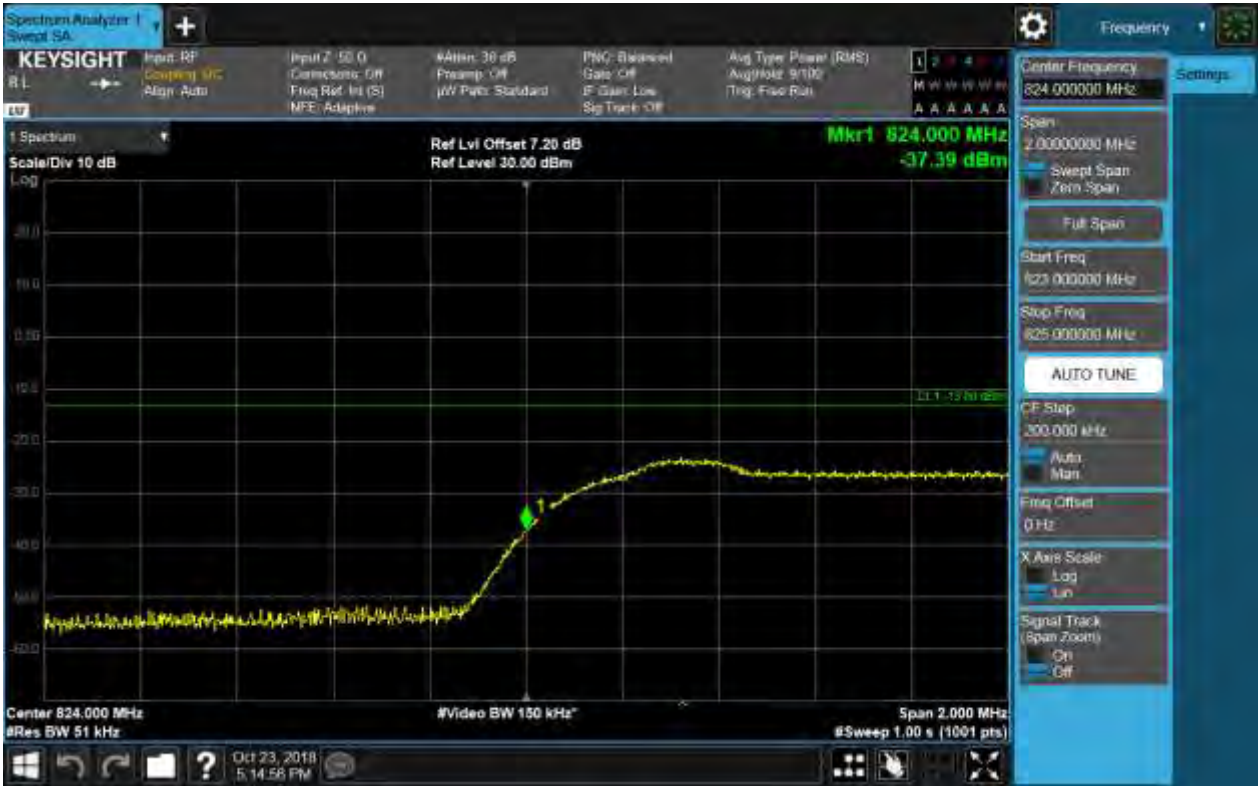
5.3.1.1.3 Test Bandwidth = 5

5.3.1.1.3.1 Test Channel = LCH

5.3.1.1.3.1.1 Test RB = RB1#0



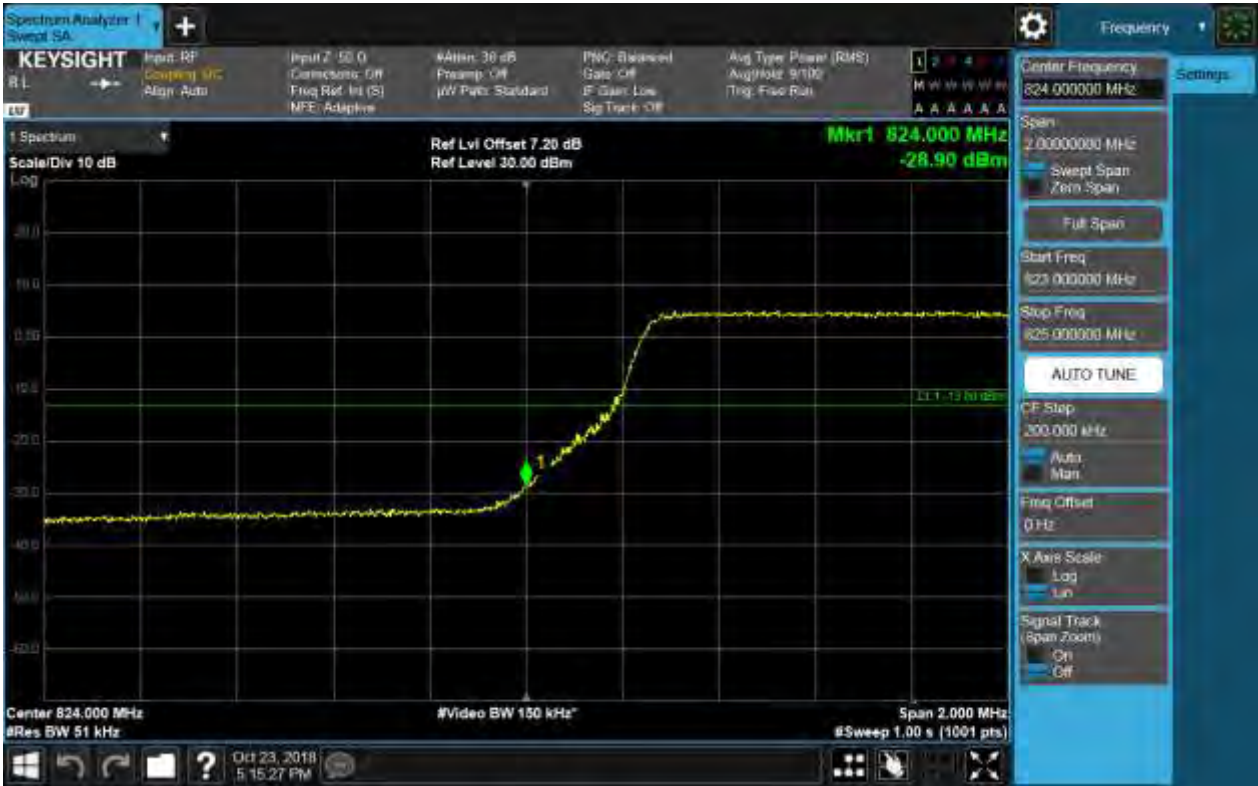
5.3.1.1.3.1.2 Test RB = RB1#24



5.3.1.1.3.1.3 Test RB = RB12#6



5.3.1.1.3.1.4 Test RB = RB25#0



5.3.1.1.3.2 Test Channel = HCH

5.3.1.1.3.2.1 Test RB = RB1#0



5.3.1.1.3.2.3 Test RB = RB12#6



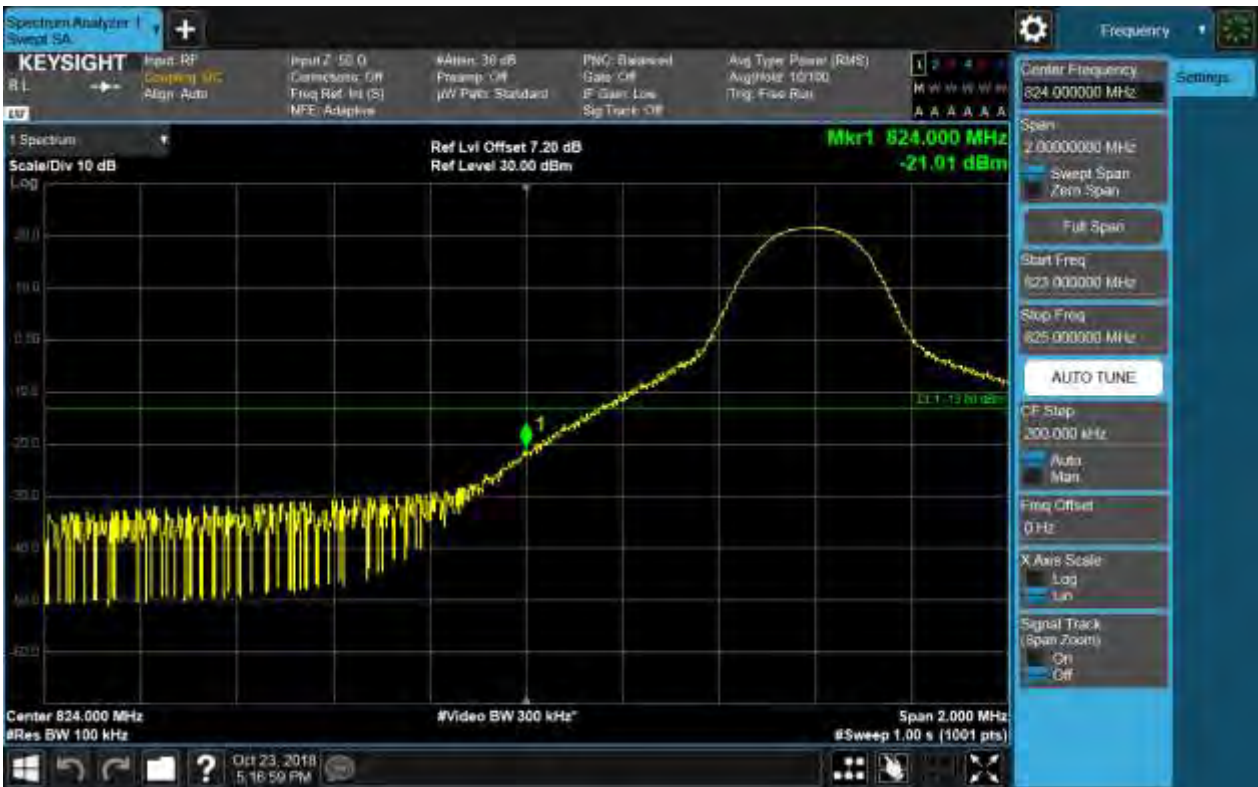
5.3.1.1.3.2.4 Test RB = RB25#0



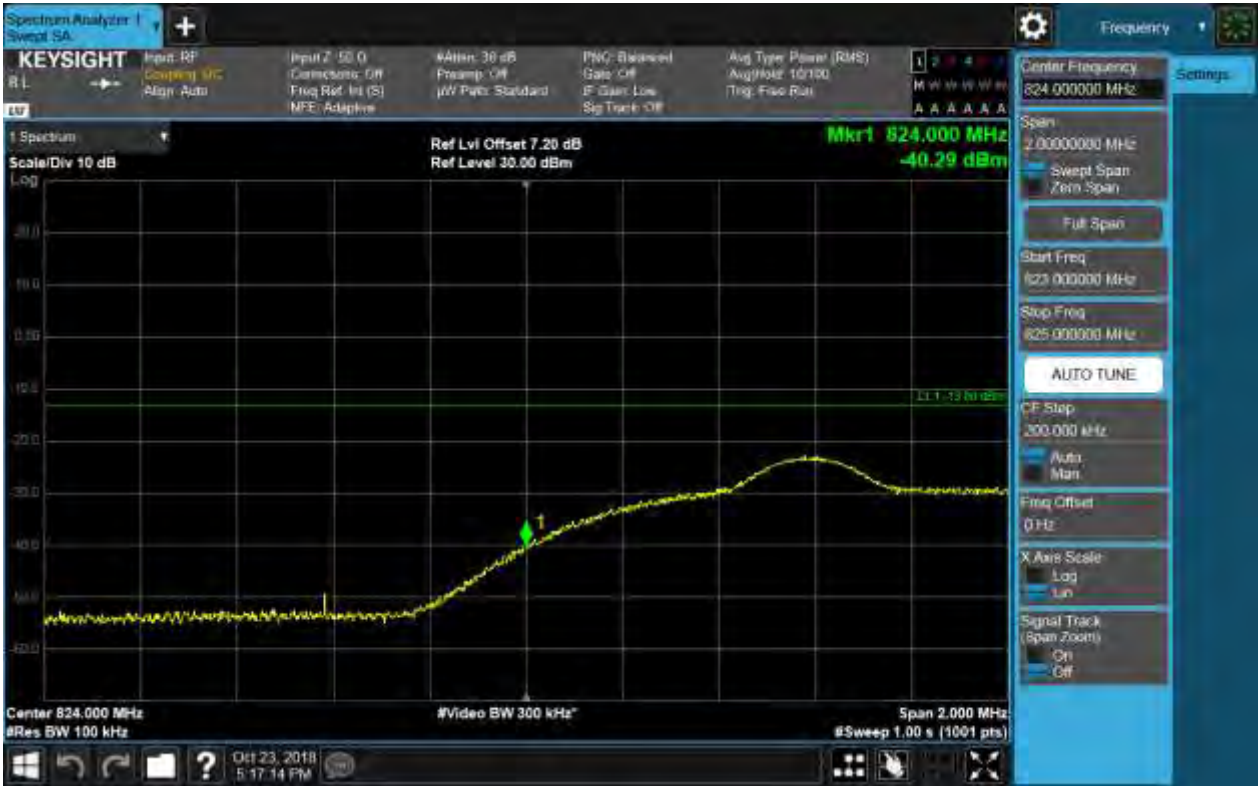
5.3.1.1.4 Test Bandwidth = 10

5.3.1.1.4.1 Test Channel = LCH

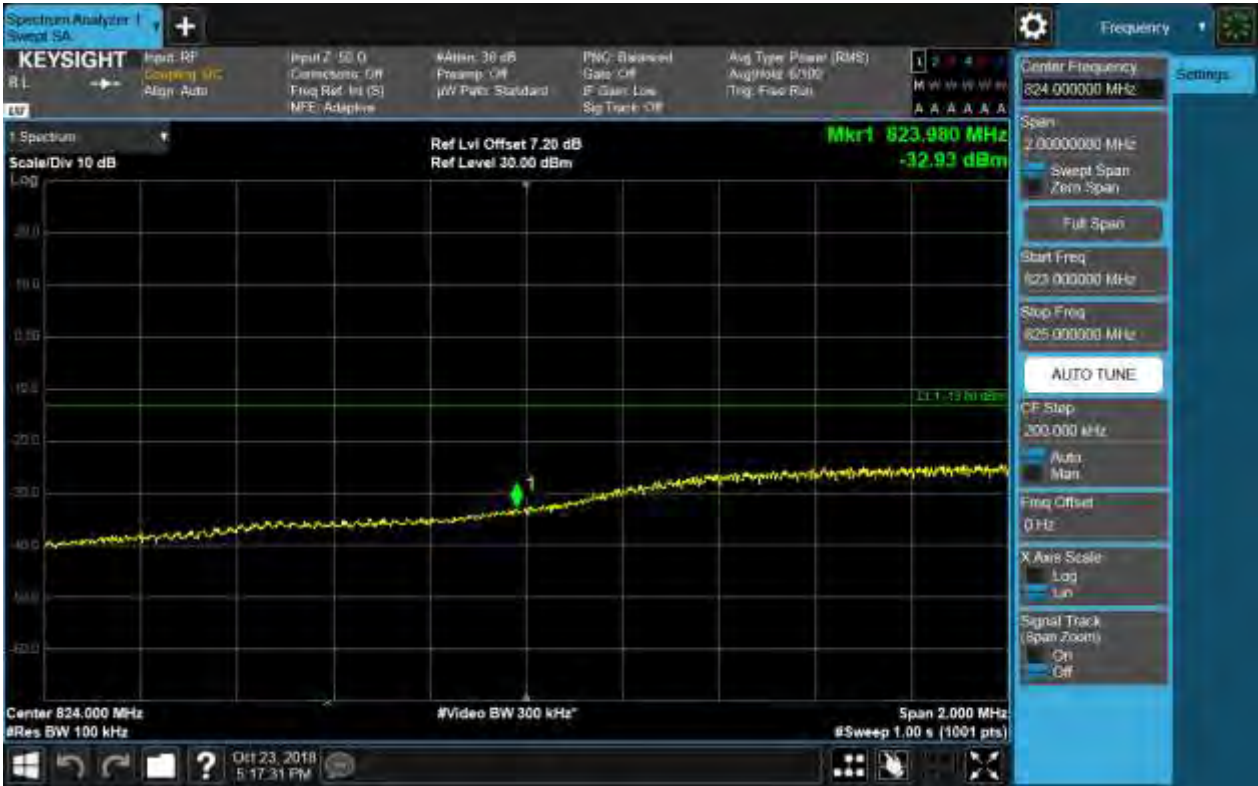
5.3.1.1.4.1.1 Test RB = RB1#0



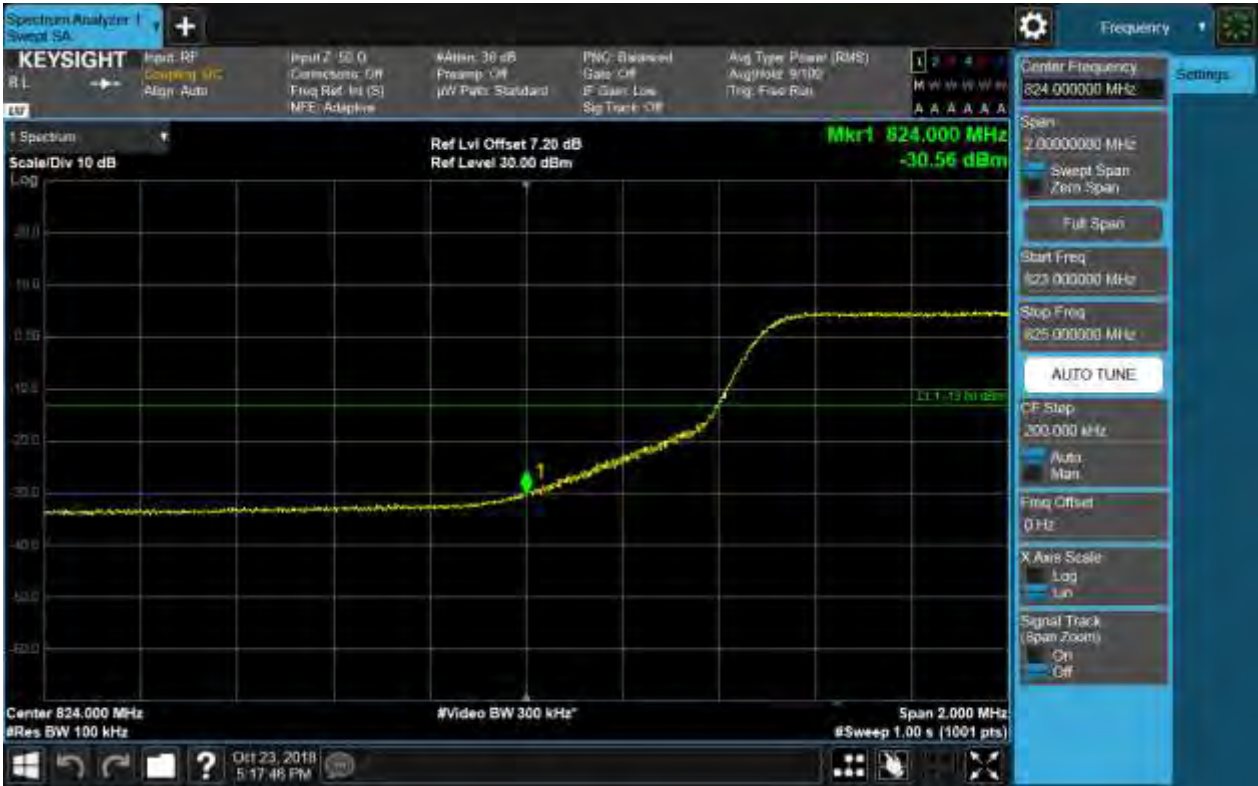
5.3.1.1.4.1.2 Test RB = RB1#49



5.3.1.1.4.1.3 Test RB = RB25#13



5.3.1.1.4.1.4 Test RB = RB50#0

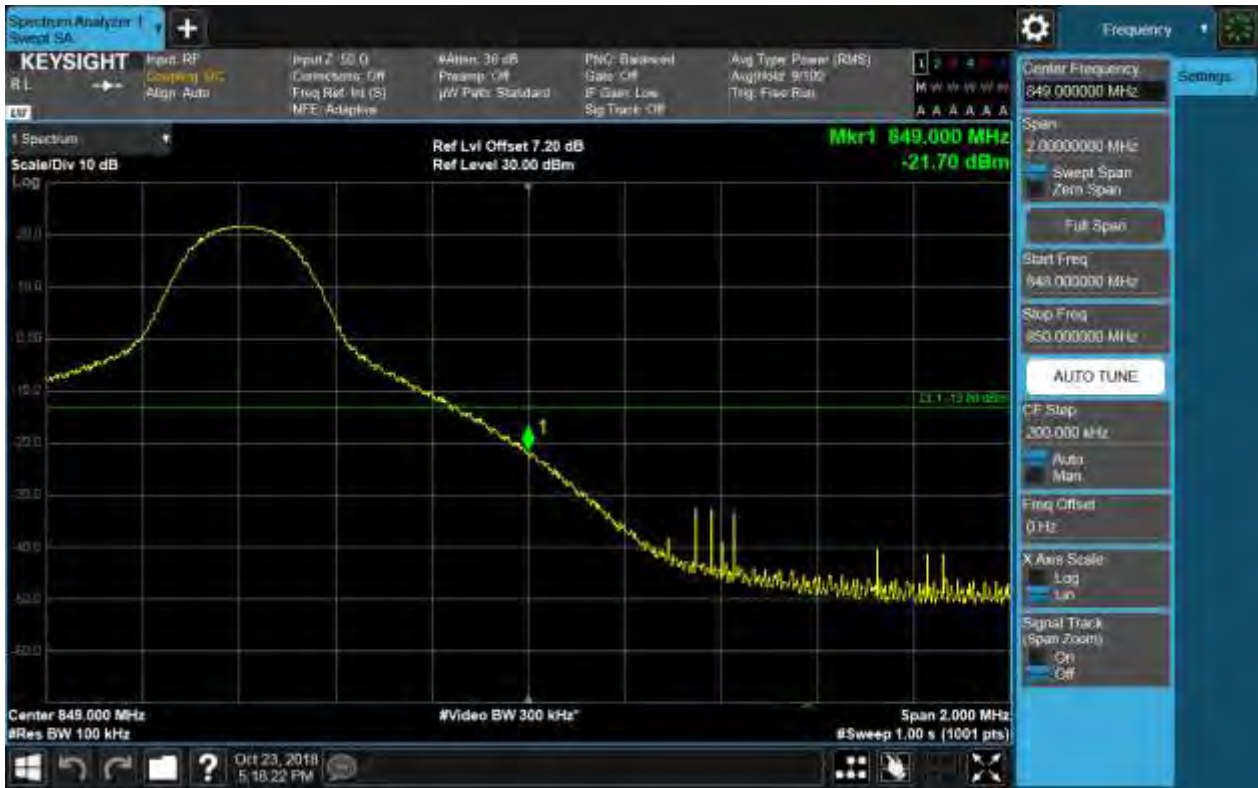


5.3.1.1.4.2 Test Channel = HCH

5.3.1.1.4.2.1 Test RB = RB1#0



5.3.1.1.4.2.2 Test RB = RB1#49



5.3.1.1.4.2.3 Test RB = RB25#13



5.3.1.1.4.2.4 Test RB = RB50#0



5.3.1.2 Test Mode = LTE/TM2

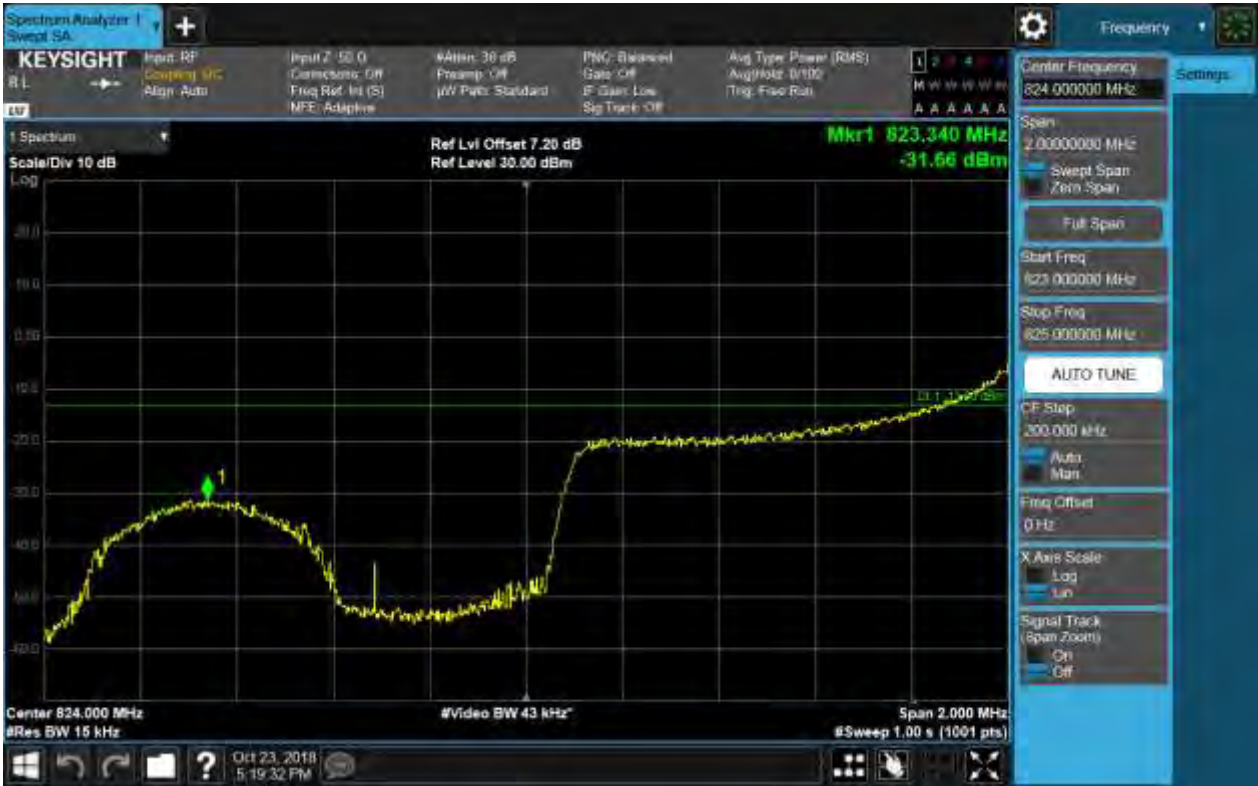
5.3.1.2.1 Test Bandwidth = 1.4

5.3.1.2.1.1 Test Channel = LCH

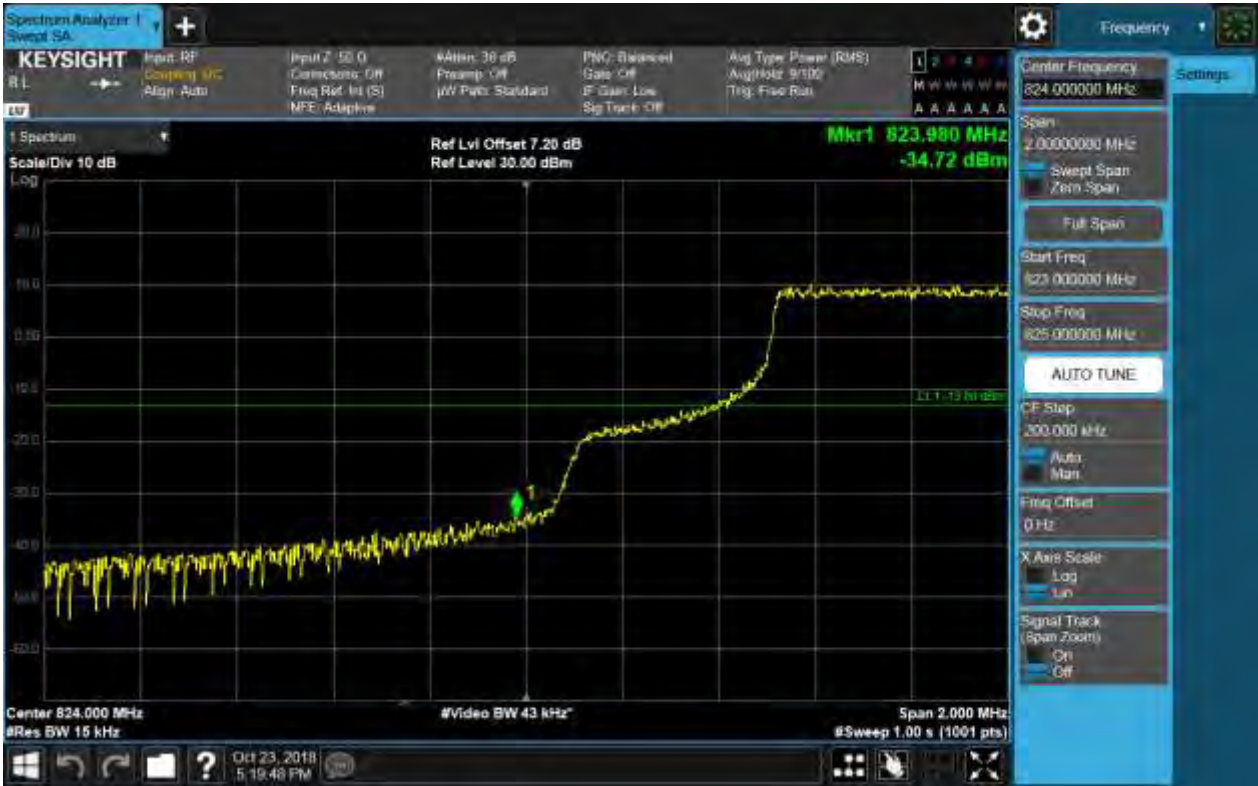
5.3.1.2.1.1.1 Test RB = RB1#0



5.3.1.2.1.1.2 Test RB = RB1#5



5.3.1.2.1.1.3 Test RB = RB3#2

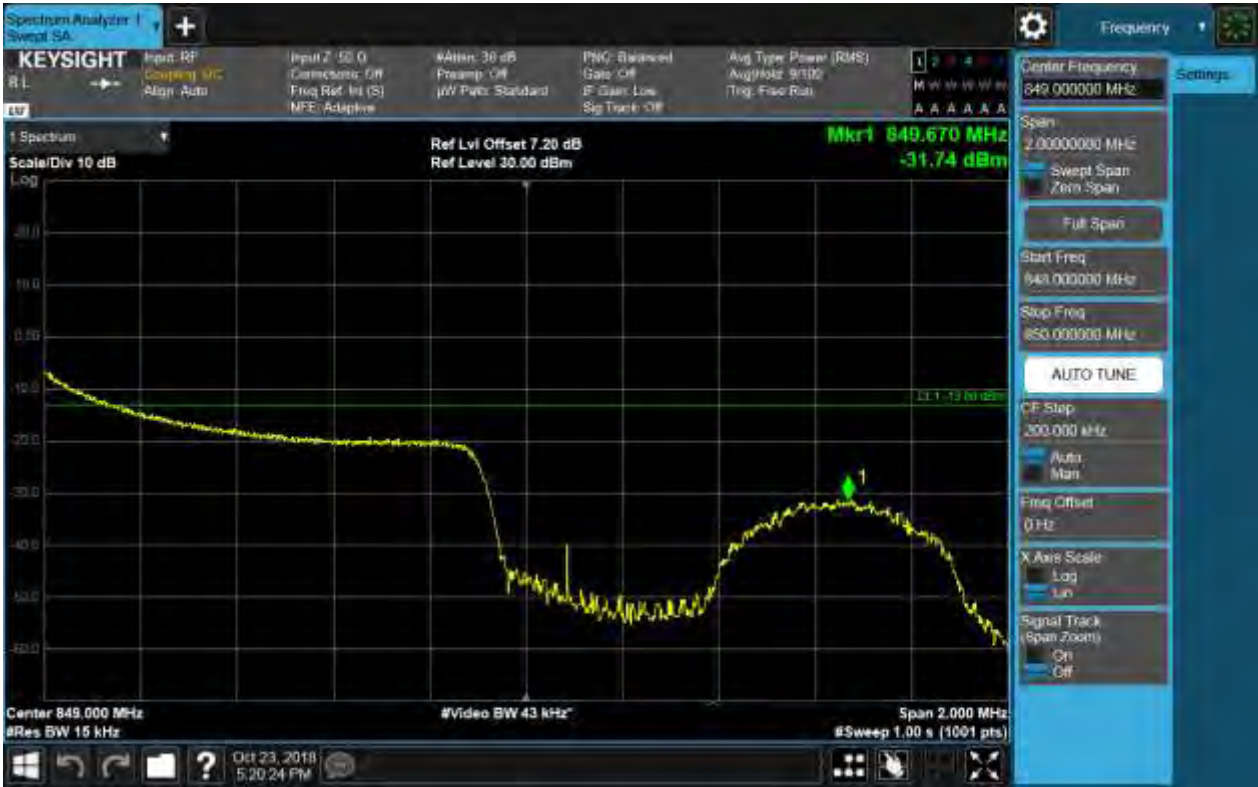


5.3.1.2.1.1.4 Test RB = RB6#0

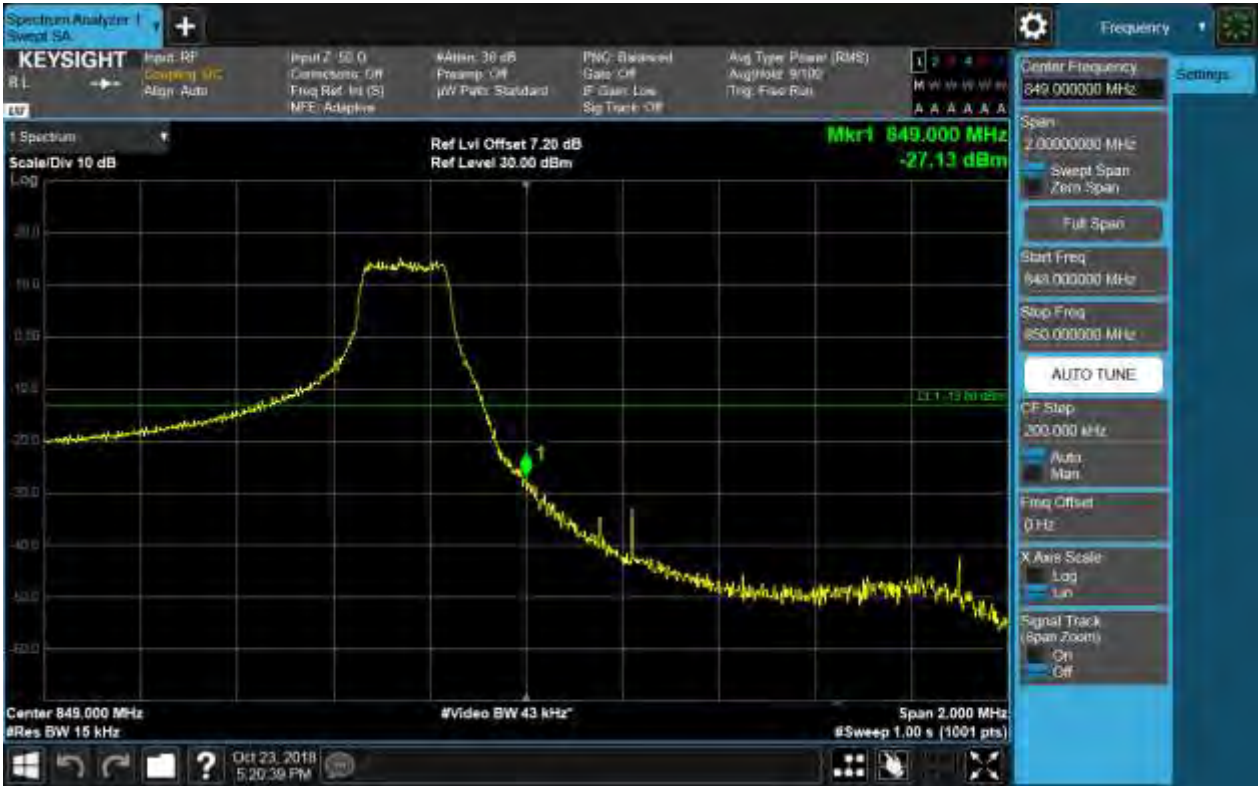


5.3.1.2.1.2 Test Channel = HCH

5.3.1.2.1.2.1 Test RB = RB1#0



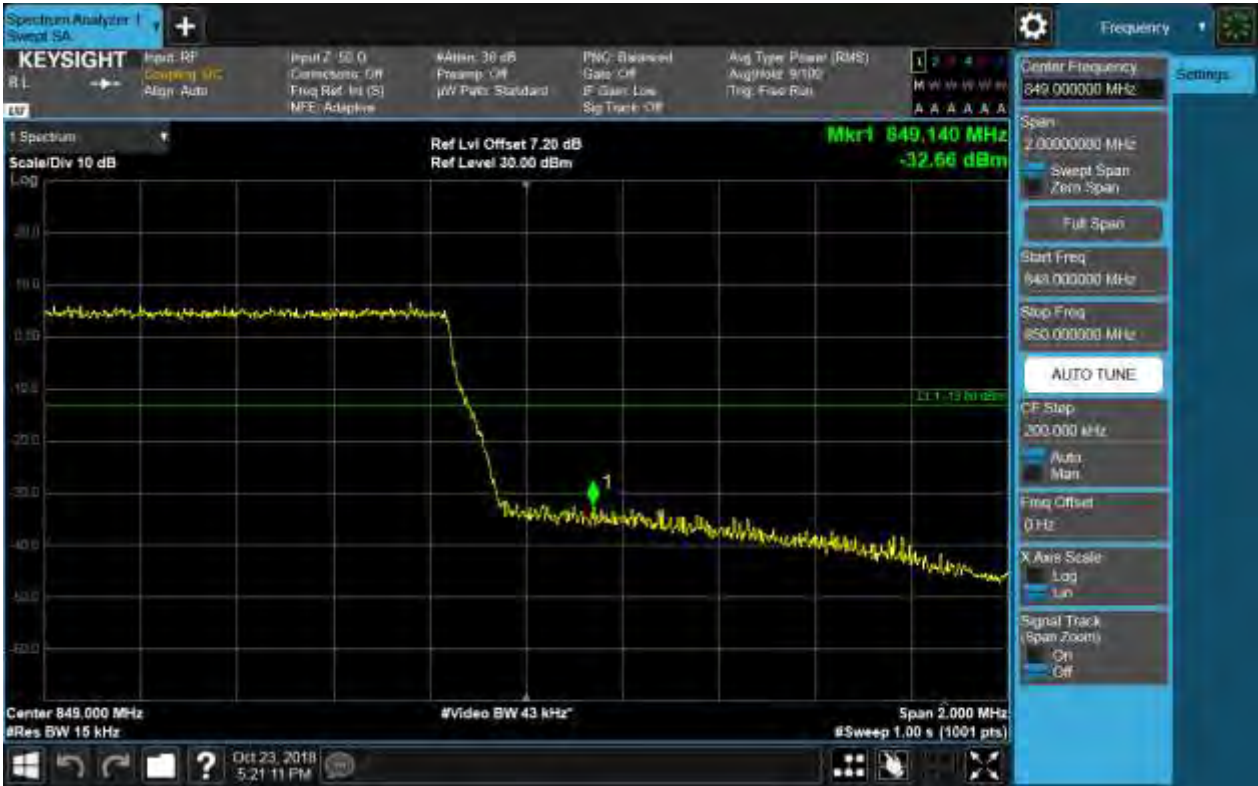
5.3.1.2.1.2.2 Test RB = RB1#5



5.3.1.2.1.2.3 Test RB = RB3#2



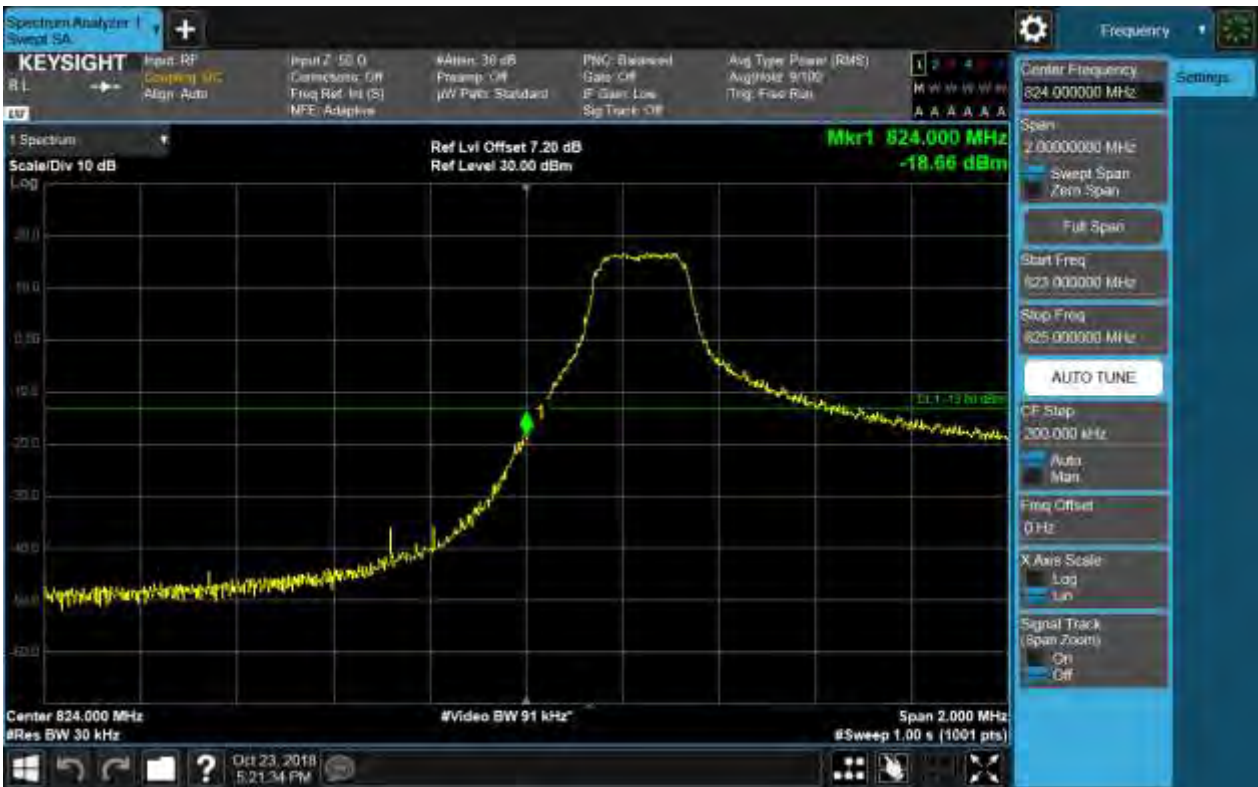
5.3.1.2.1.2.4 Test RB = RB6#0



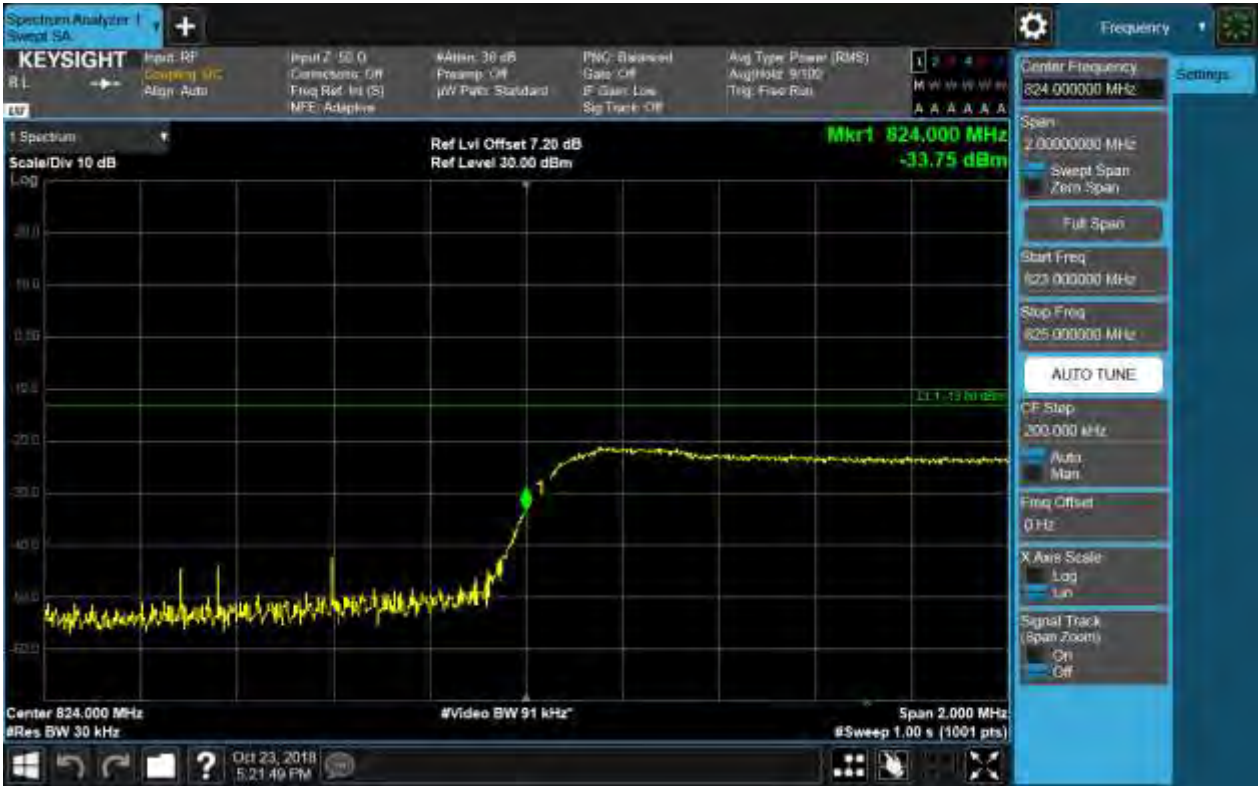
5.3.1.2.2 Test Bandwidth = 3

5.3.1.2.2.1 Test Channel = LCH

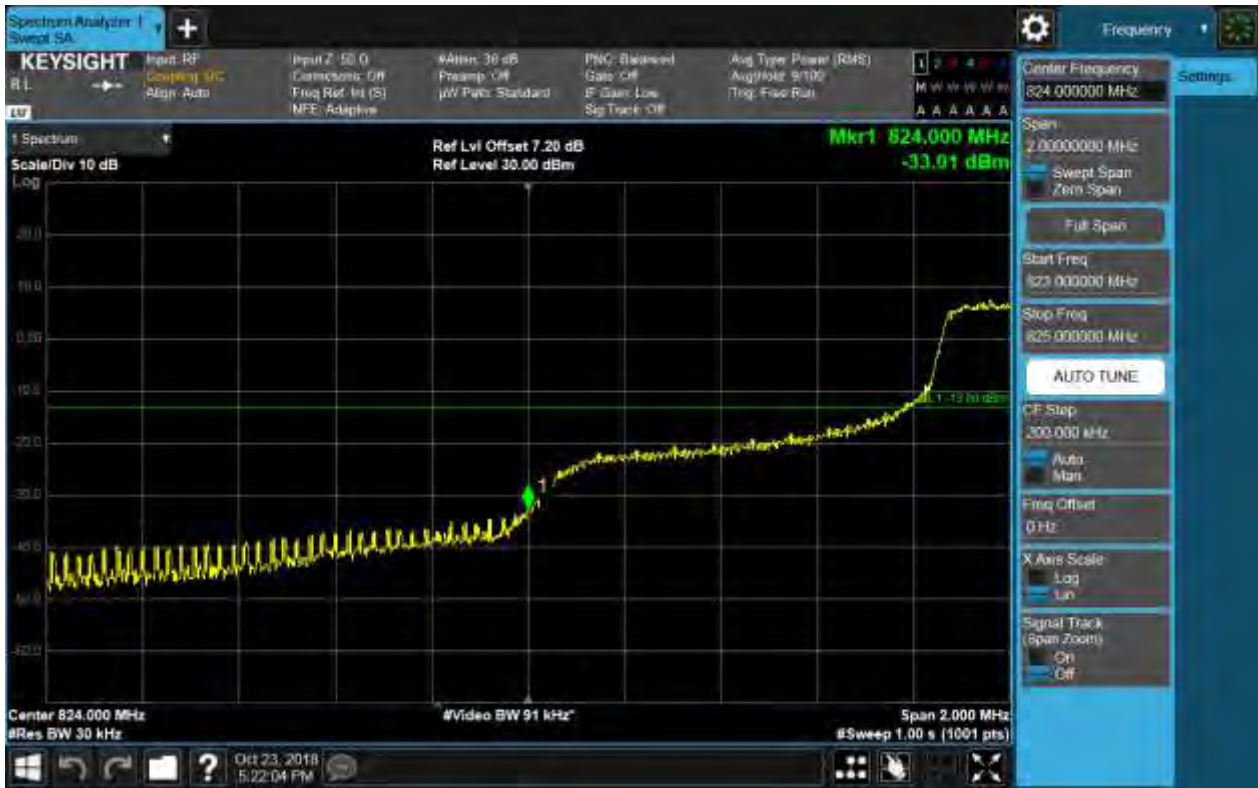
5.3.1.2.2.1.1 Test RB = RB1#0



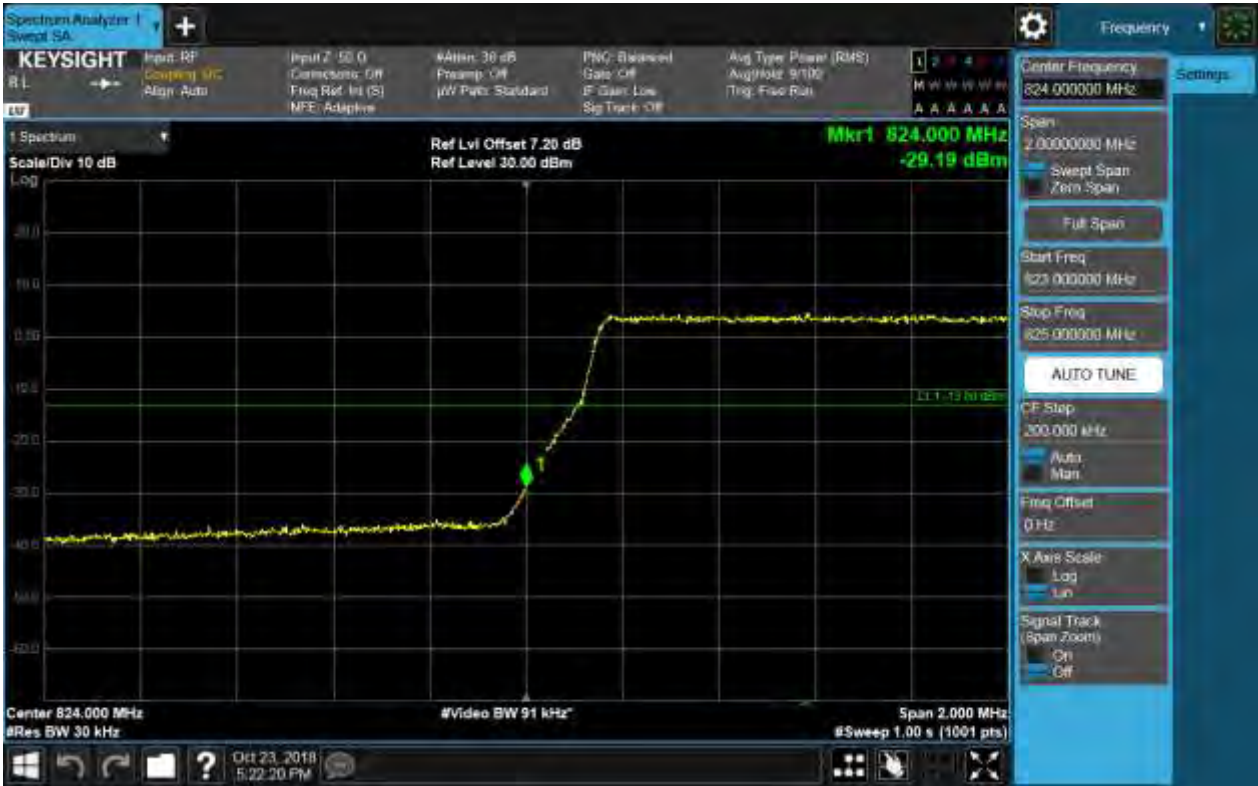
5.3.1.2.2.1.2 Test RB = RB1#14



5.3.1.2.2.1.3 Test RB = RB8#4

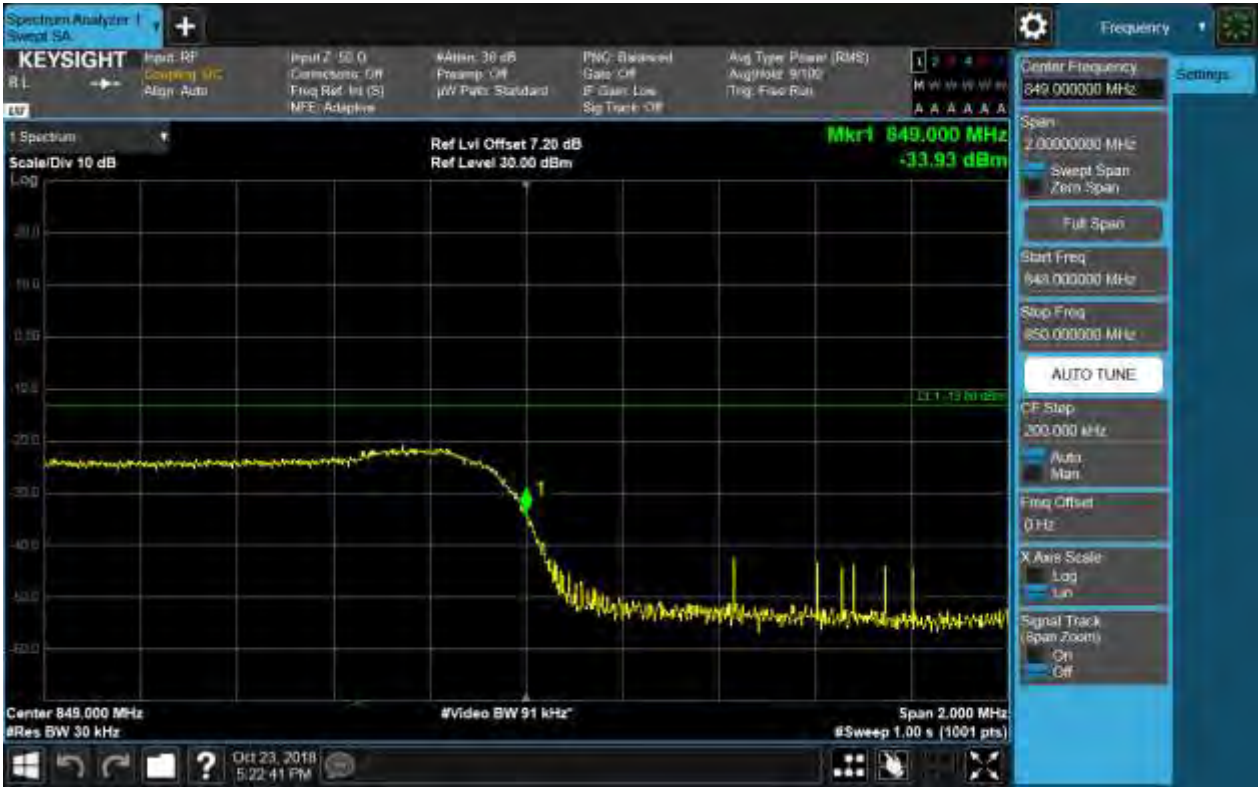


5.3.1.2.2.1.4 Test RB = RB15#0

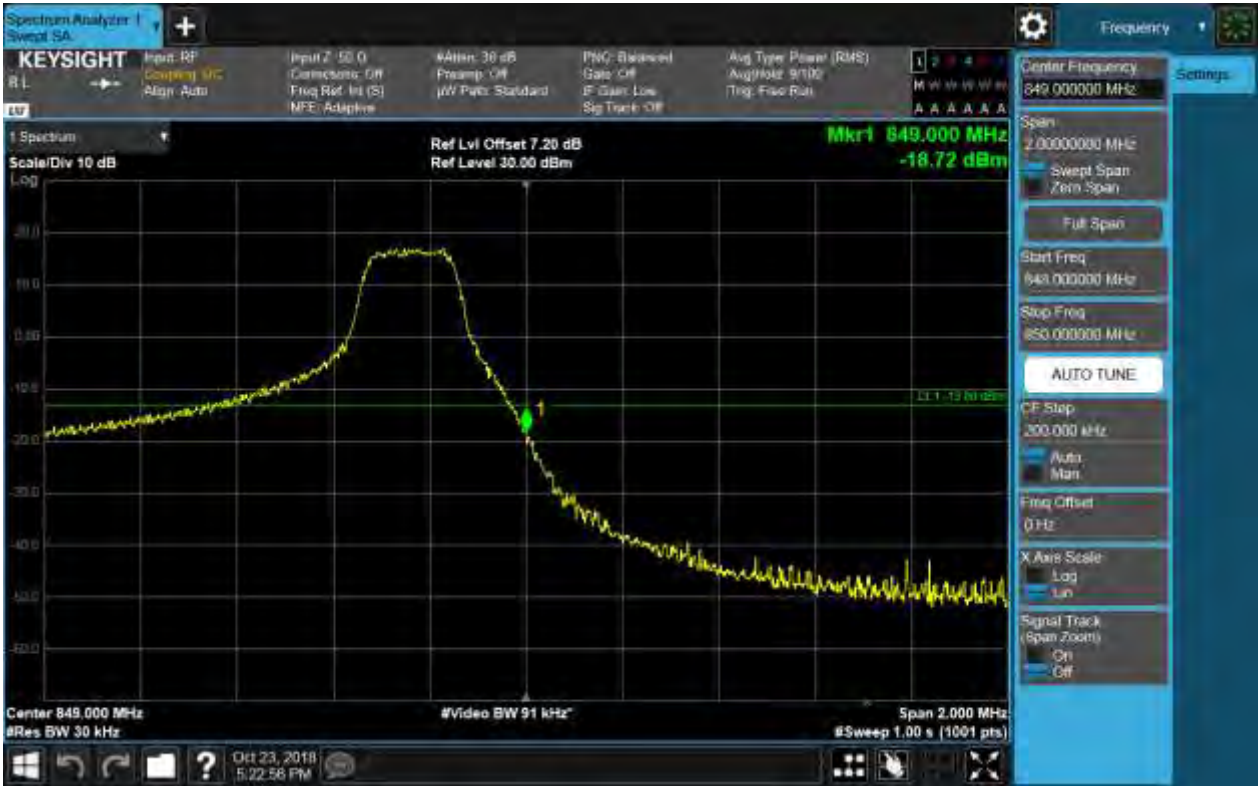


5.3.1.2.2.2 Test Channel = HCH

5.3.1.2.2.1 Test RB = RB1#0



5.3.1.2.2.2 Test RB = RB1#14



5.3.1.2.2.3 Test RB = RB8#4



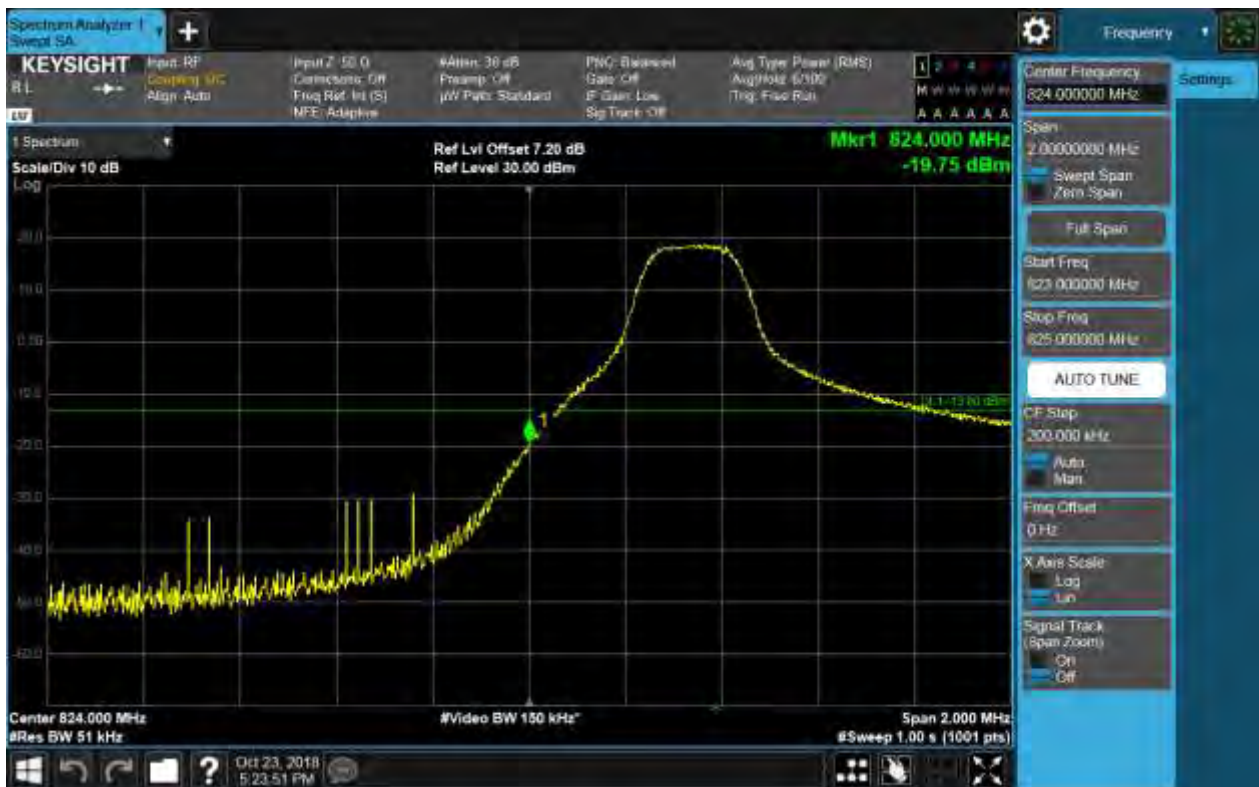
5.3.1.2.2.4 Test RB = RB15#0



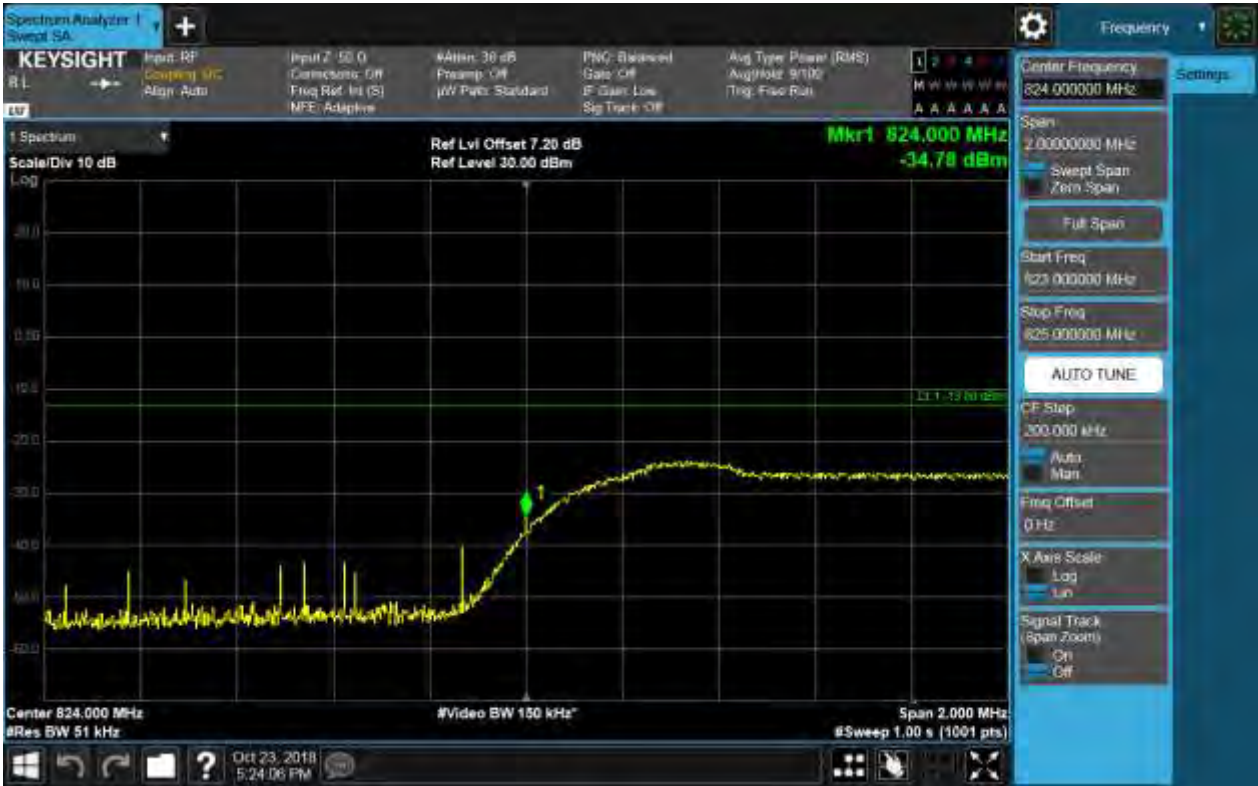
5.3.1.2.3 Test Bandwidth = 5

5.3.1.2.3.1 Test Channel = LCH

5.3.1.2.3.1.1 Test RB = RB1#0



5.3.1.2.3.1.2 Test RB = RB1#24



5.3.1.2.3.1.3 Test RB = RB12#6



5.3.1.2.3.1.4 Test RB = RB25#0

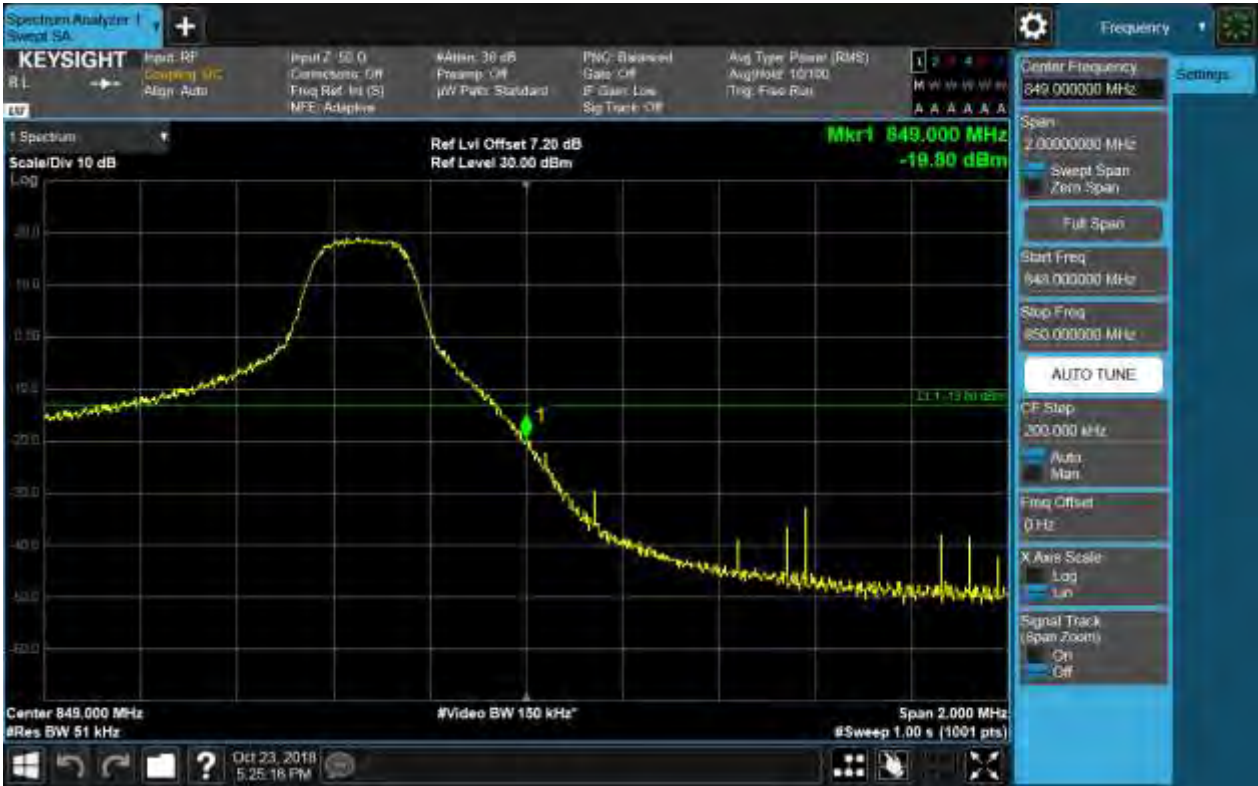


5.3.1.2.3.2 Test Channel = HCH

5.3.1.2.3.2.1 Test RB = RB1#0



5.3.1.2.3.2.2 Test RB = RB1#24



5.3.1.2.3.2.3 Test RB = RB12#6



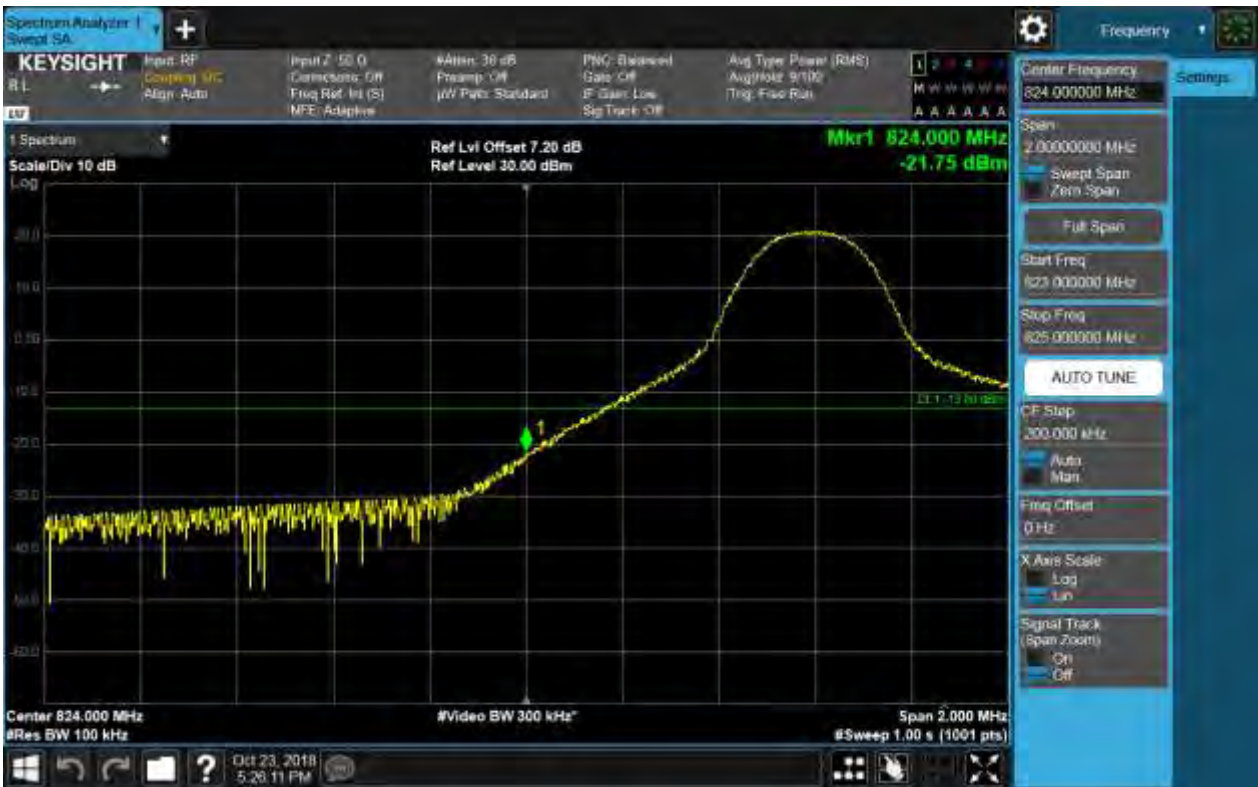
5.3.1.2.3.2.4 Test RB = RB25#0



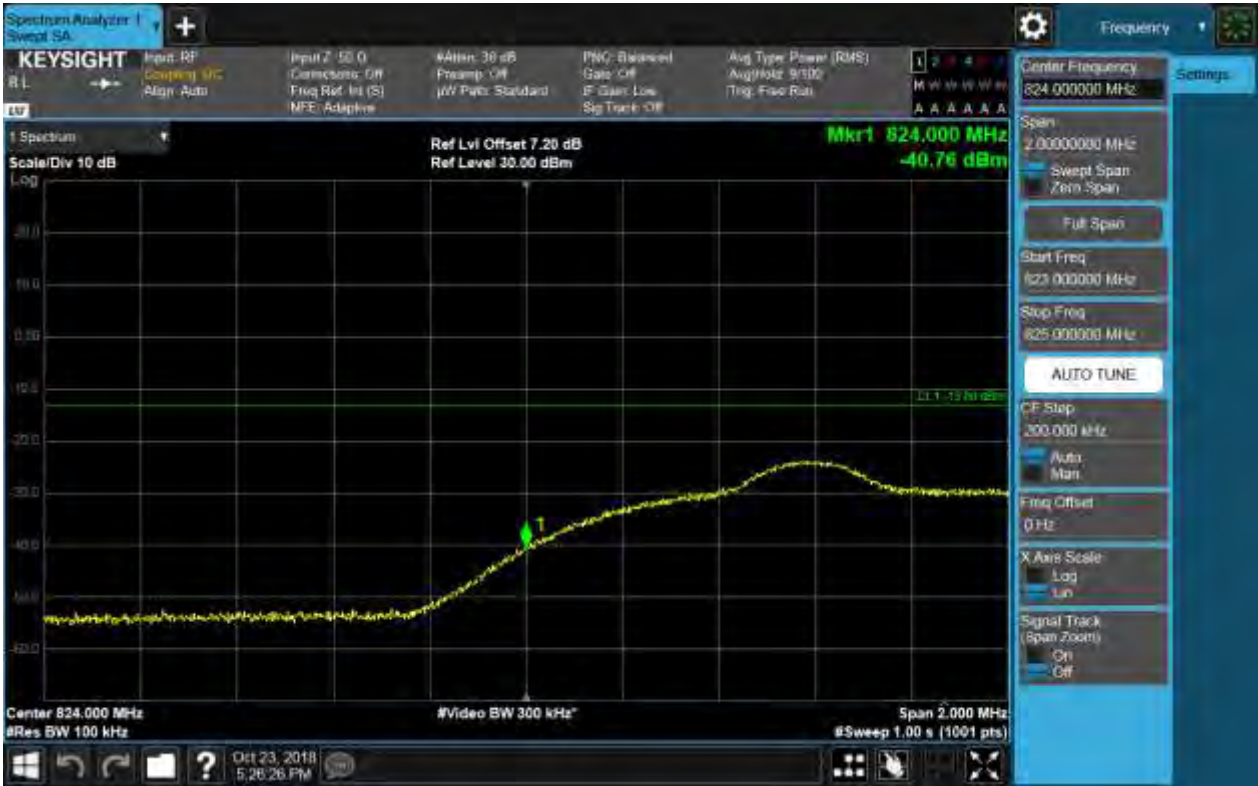
5.3.1.2.4 Test Bandwidth = 10

5.3.1.2.4.1 Test Channel = LCH

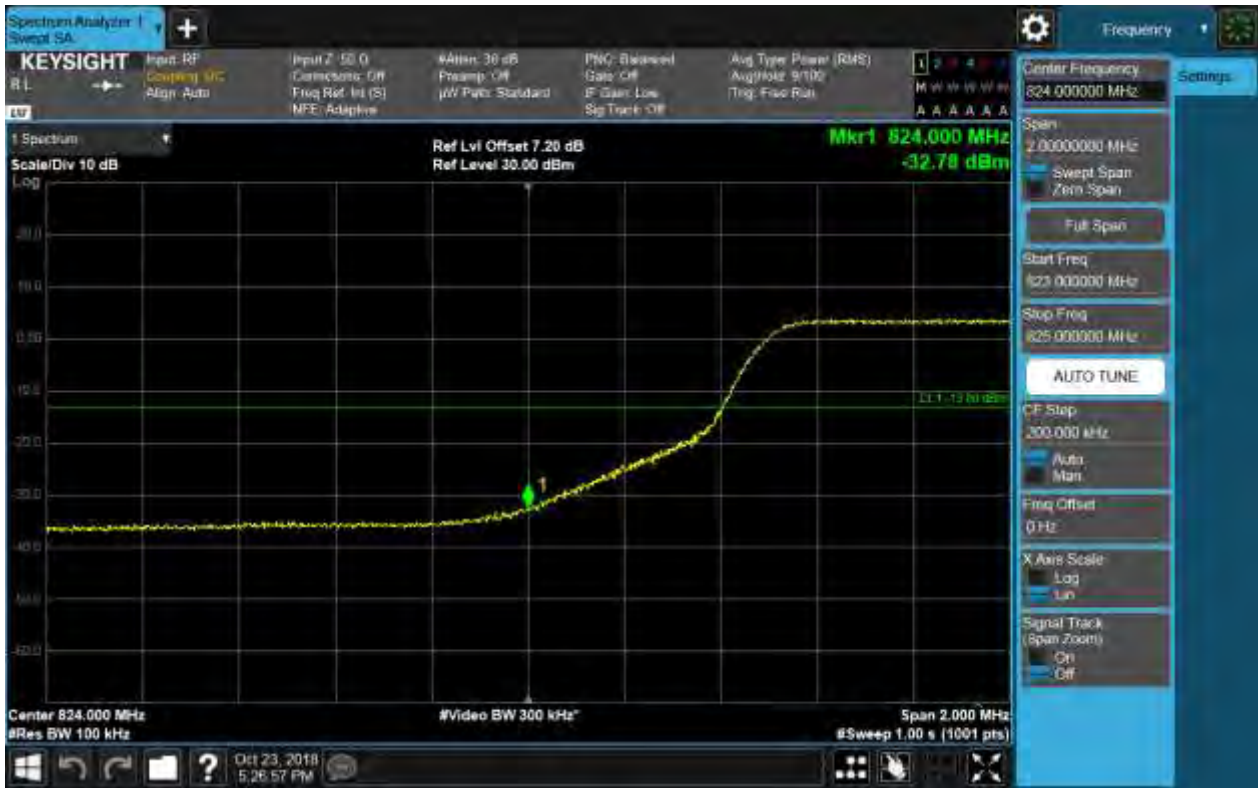
5.3.1.2.4.1.1 Test RB = RB1#0



5.3.1.2.4.1.2 Test RB = RB1#49

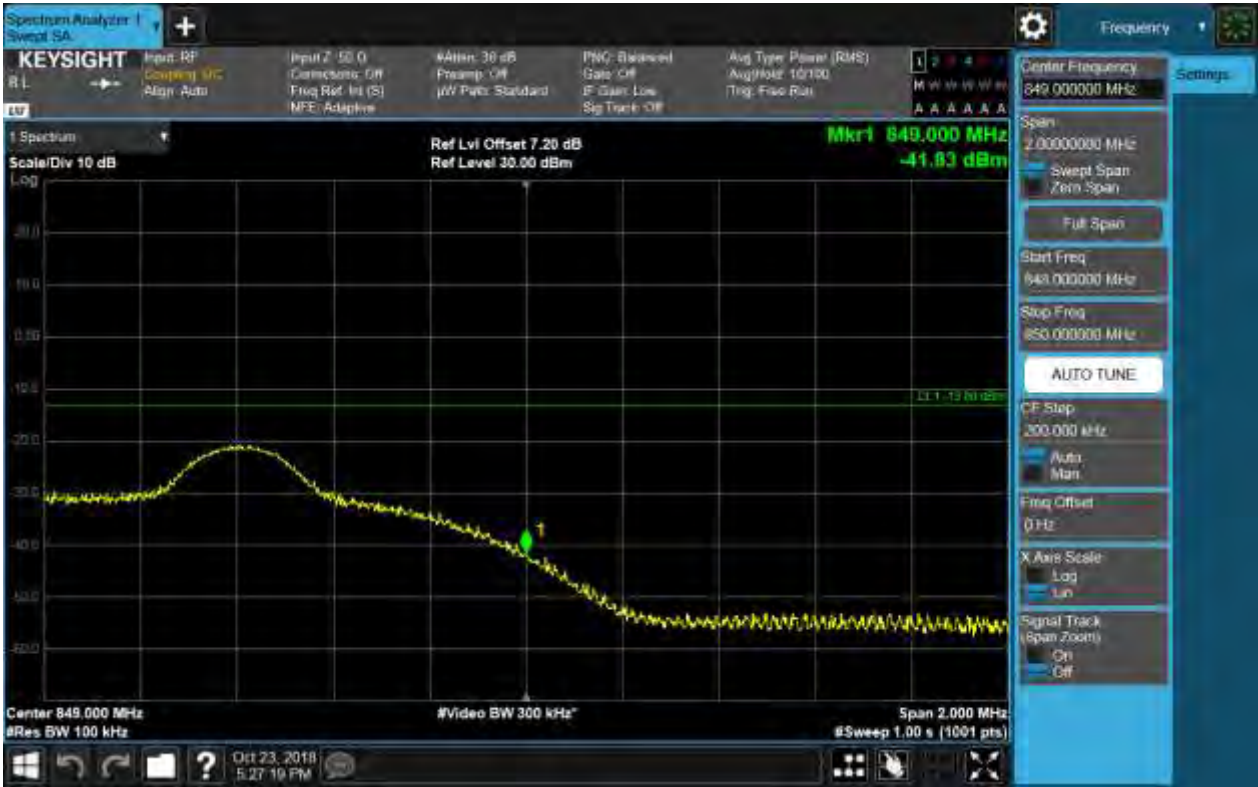


5.3.1.2.4.1.4 Test RB = RB50#0

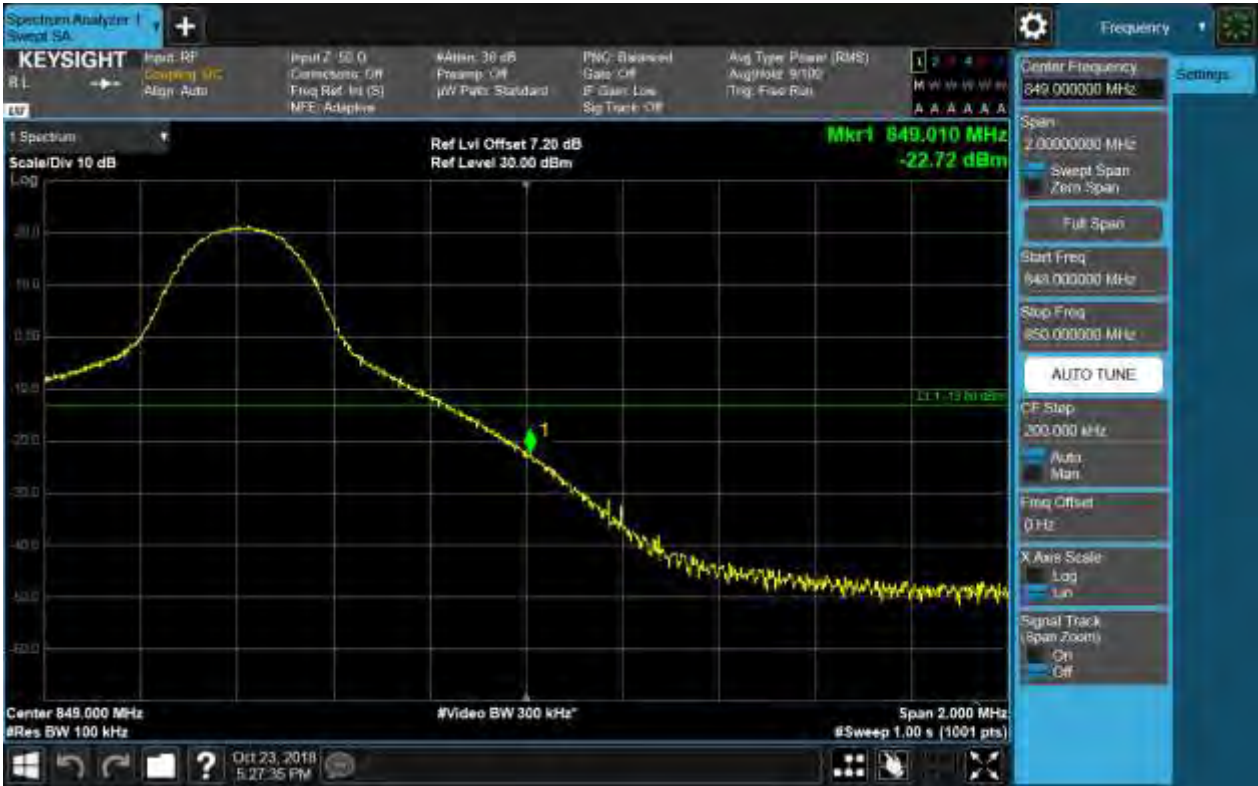


5.3.1.2.4.2 Test Channel = HCH

5.3.1.2.4.2.1 Test RB = RB1#0



5.3.1.2.4.2.2 Test RB = RB1#49



5.3.1.2.4.2.3 Test RB = RB25#13



5.3.1.2.4.2.4 Test RB = RB50#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 = BAND5

6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0







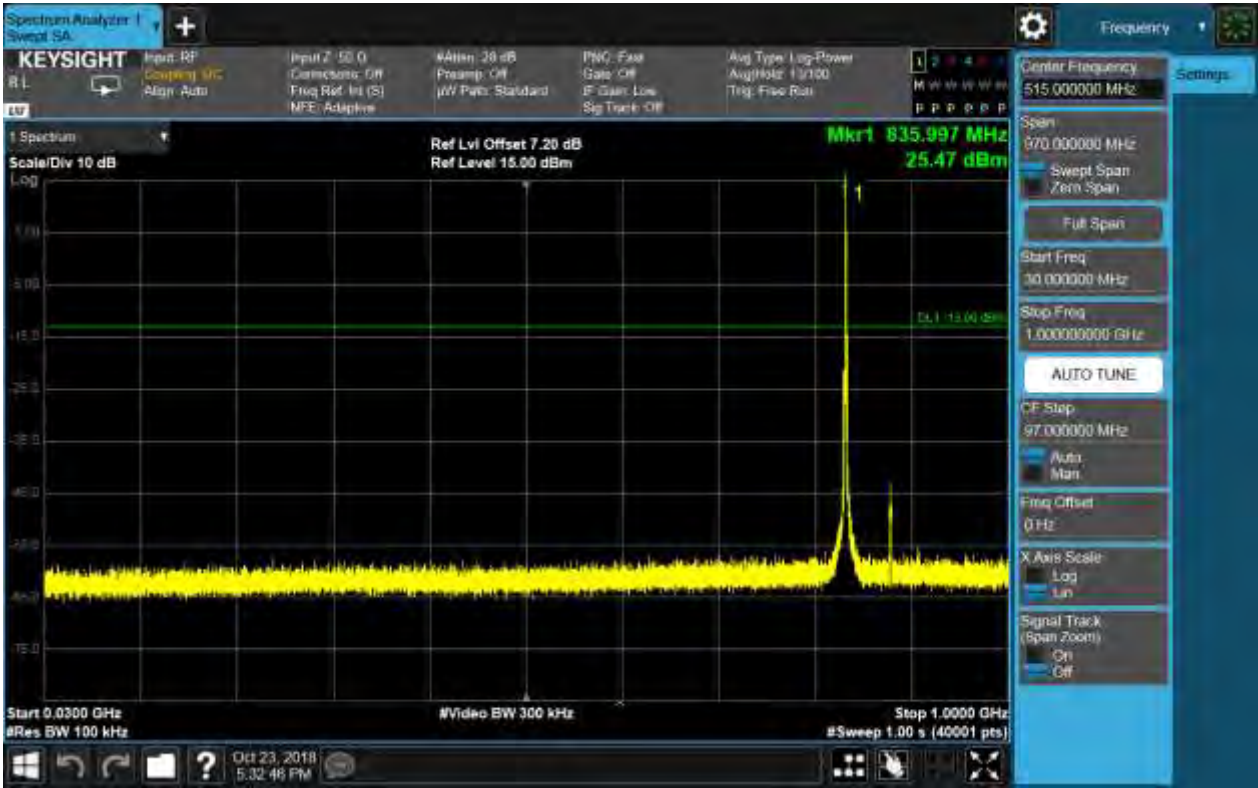


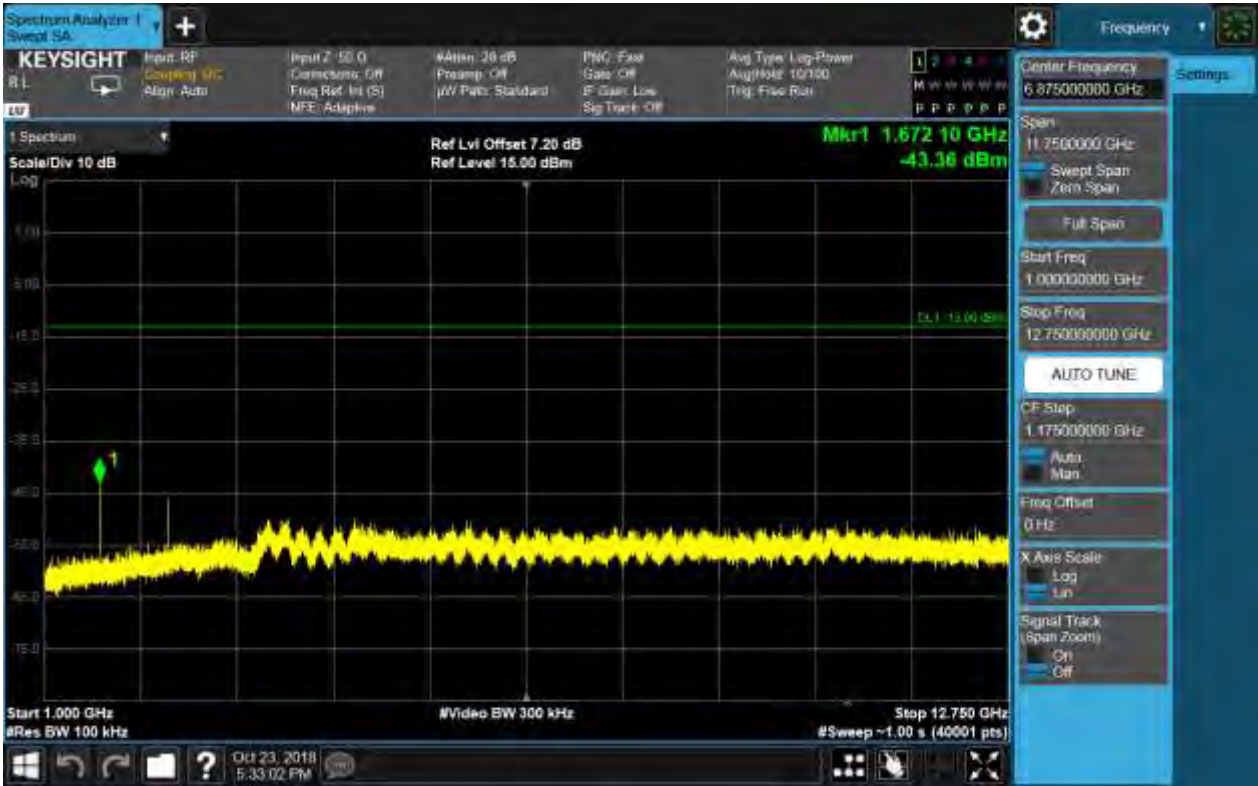
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0







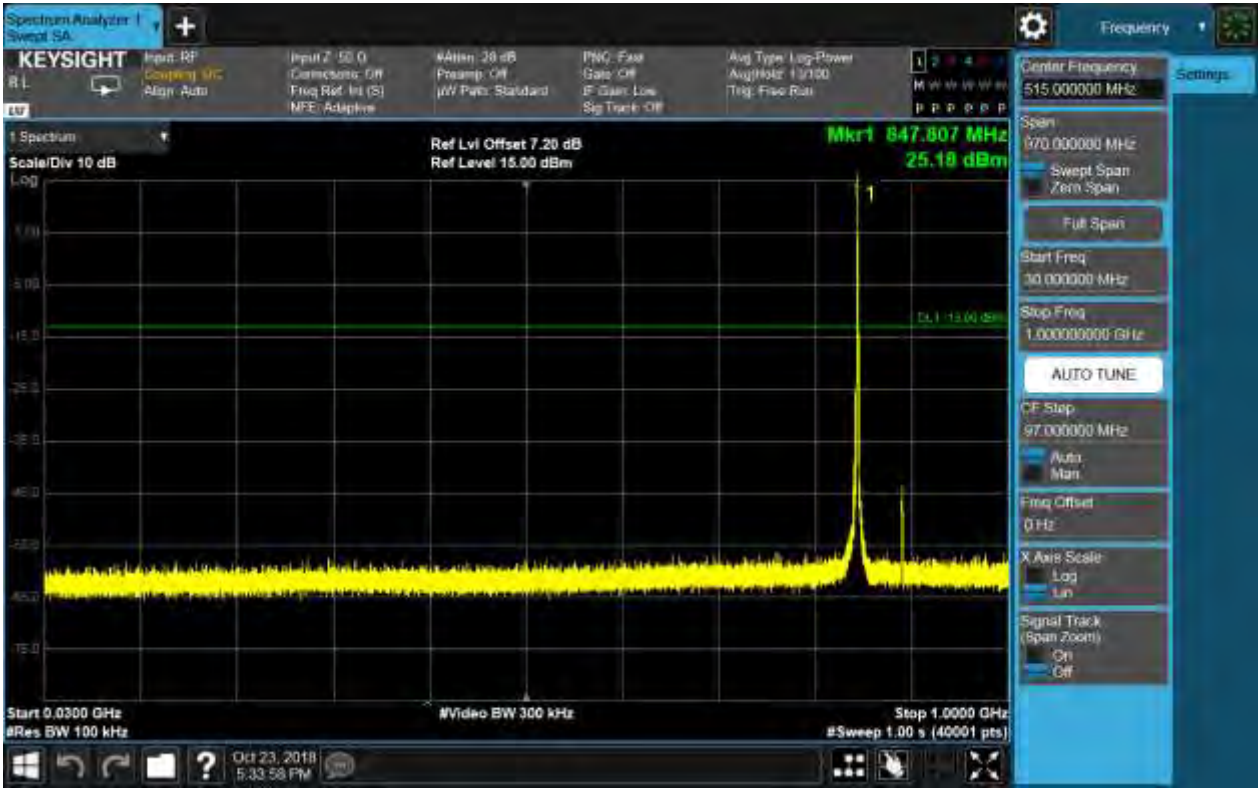


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0









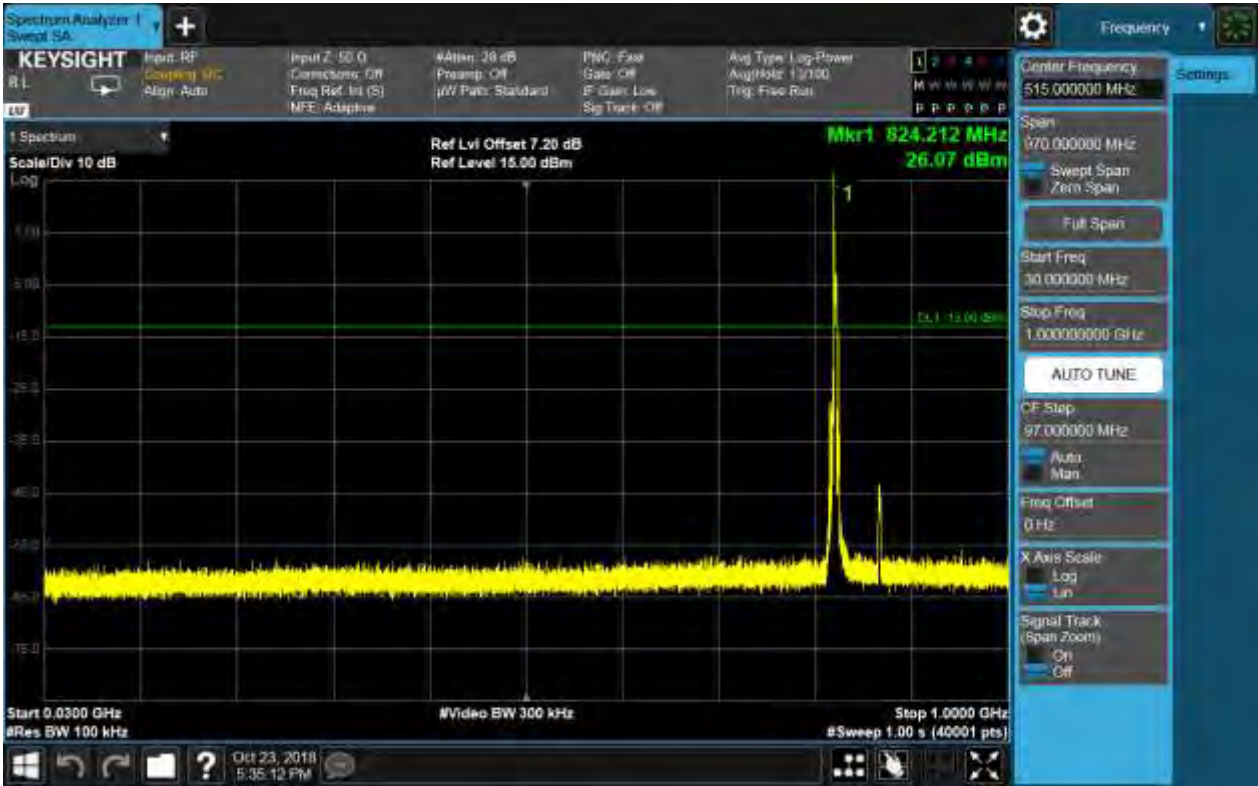
6.1.1.1.2 Test Bandwidth = 3

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0







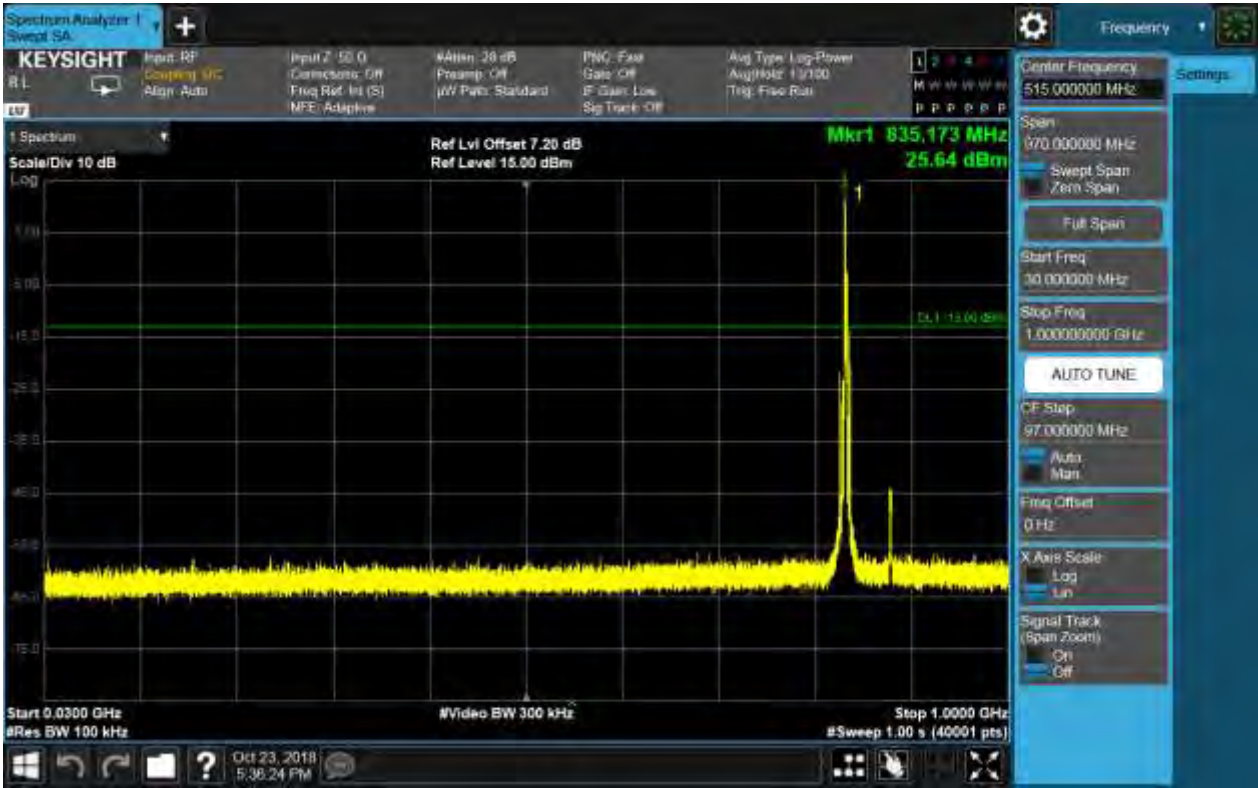


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0







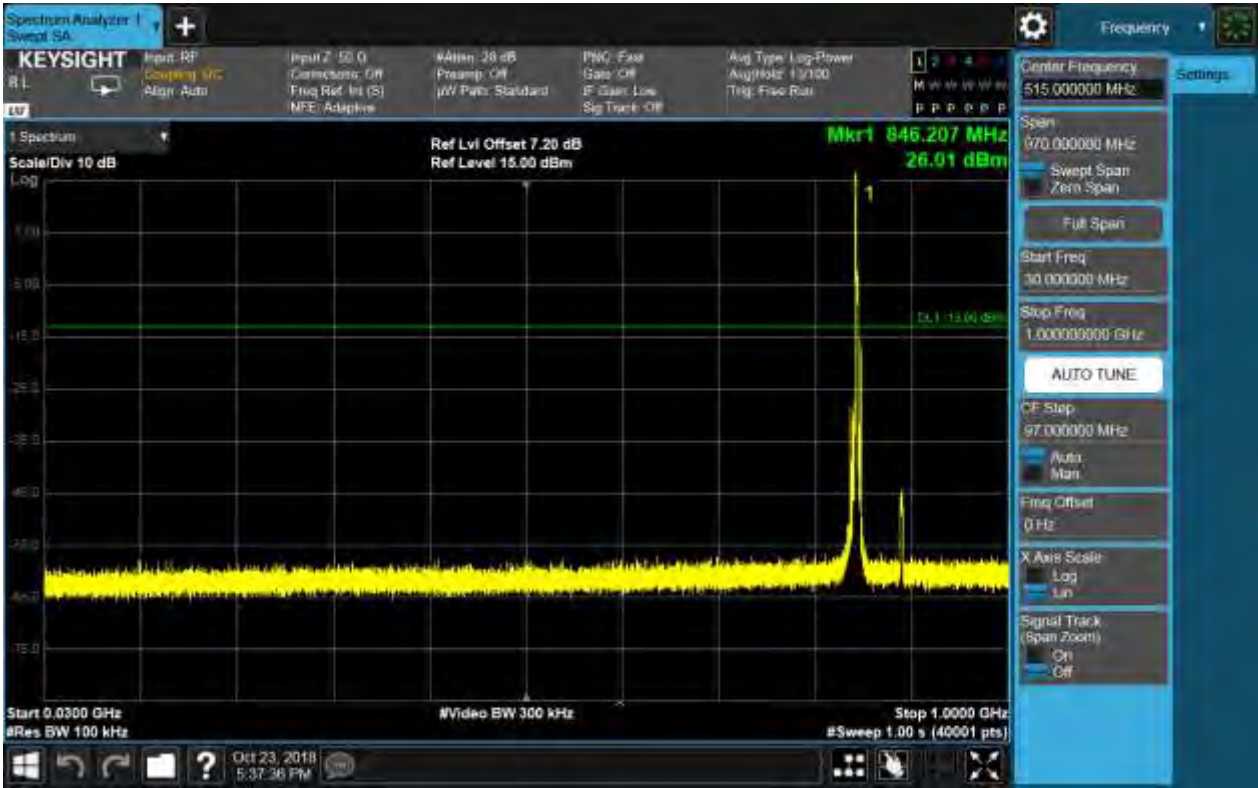


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0









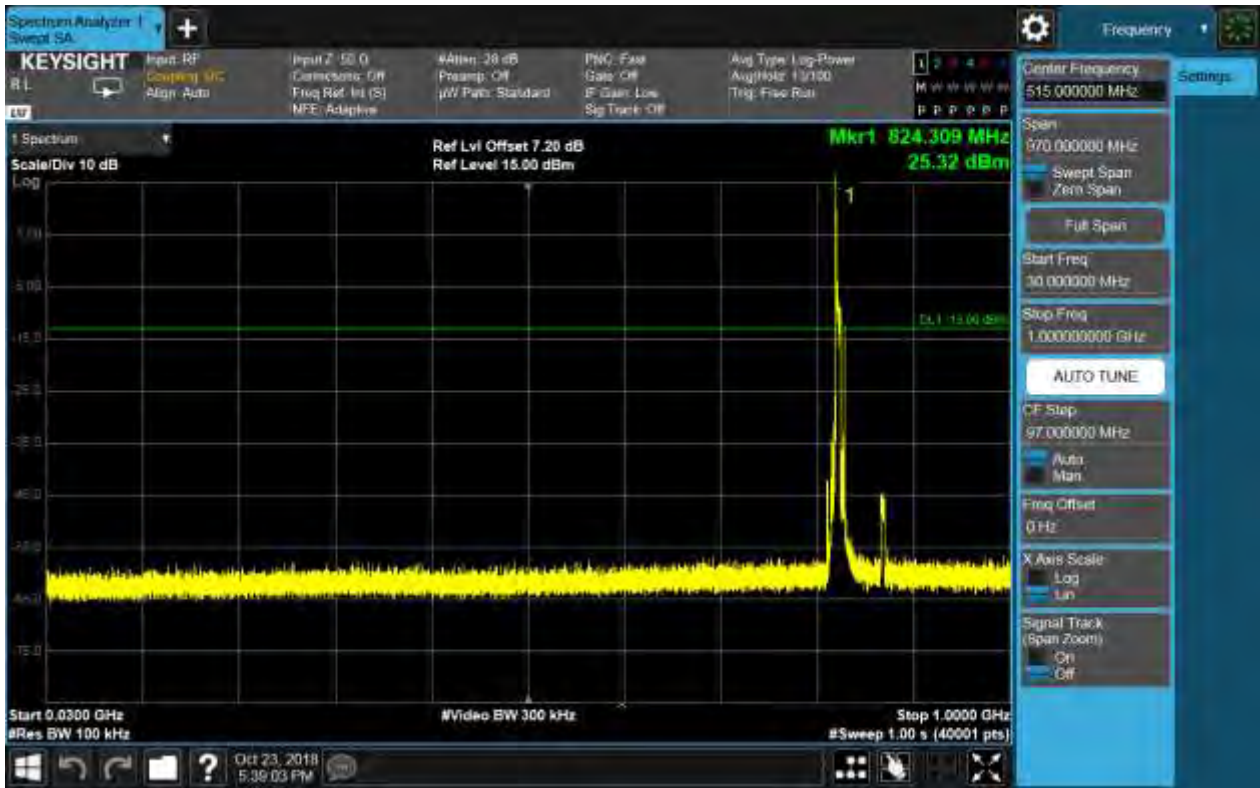
6.1.1.1.3 Test Bandwidth = 5

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0







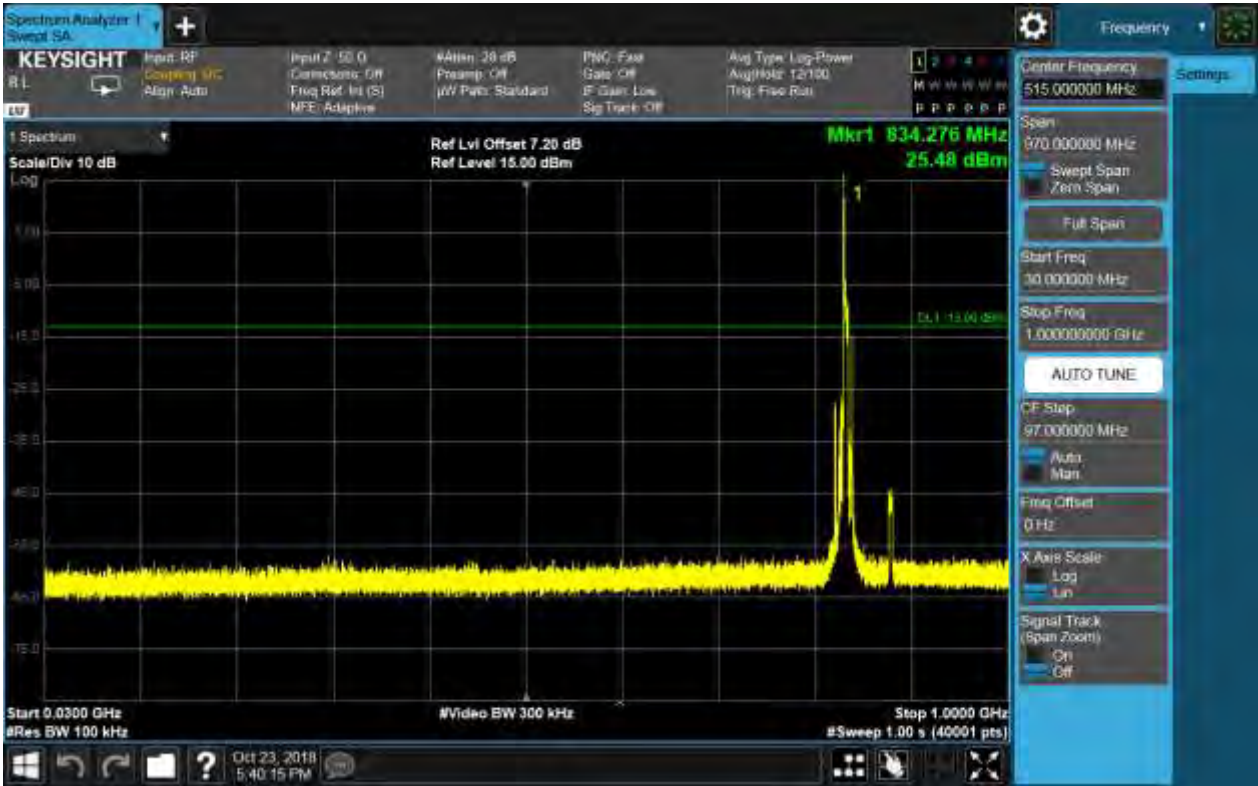


6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0







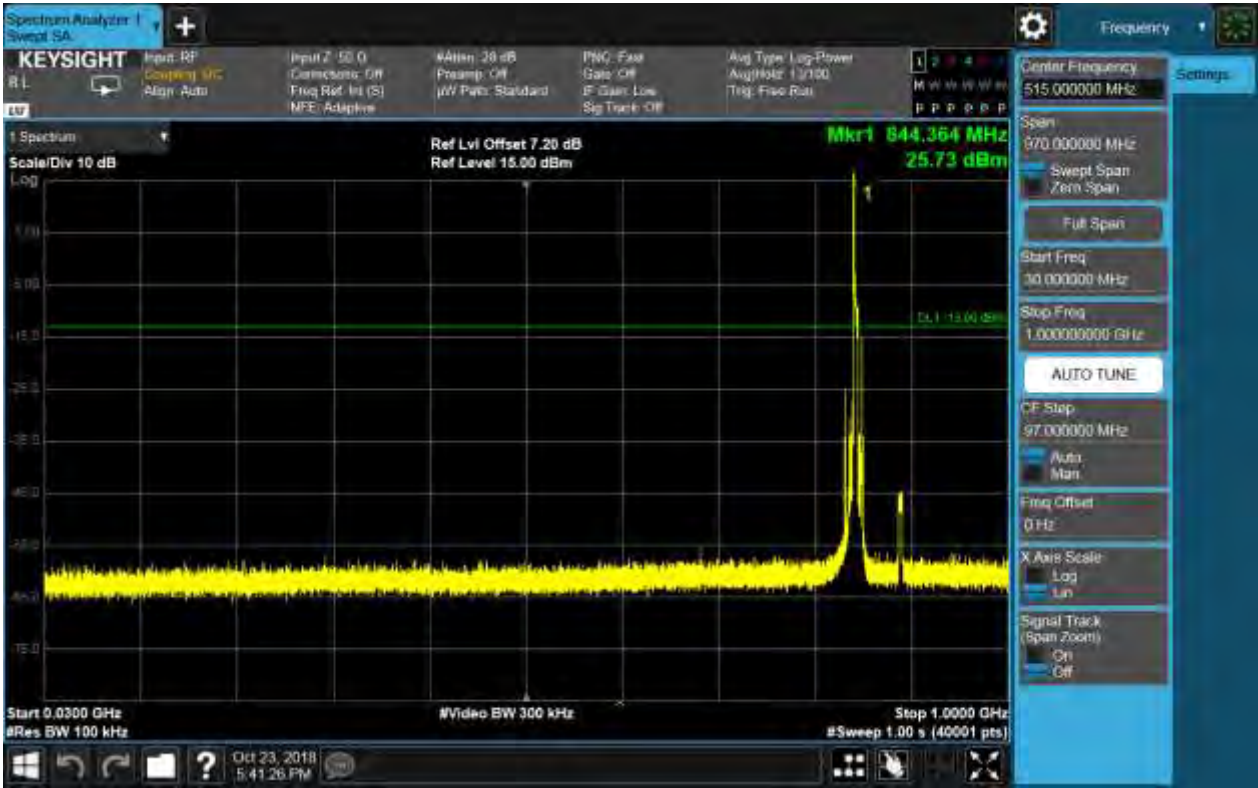


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0









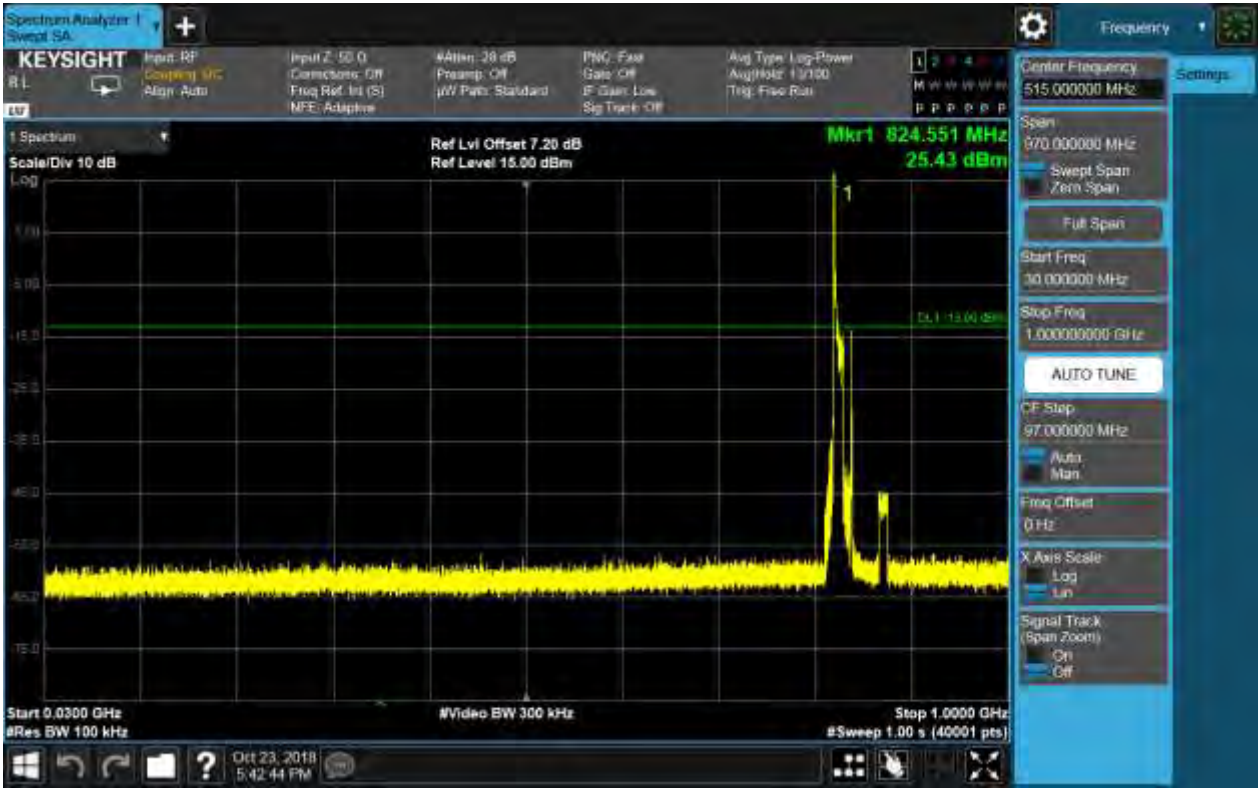
6.1.1.1.4 Test Bandwidth = 10

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0







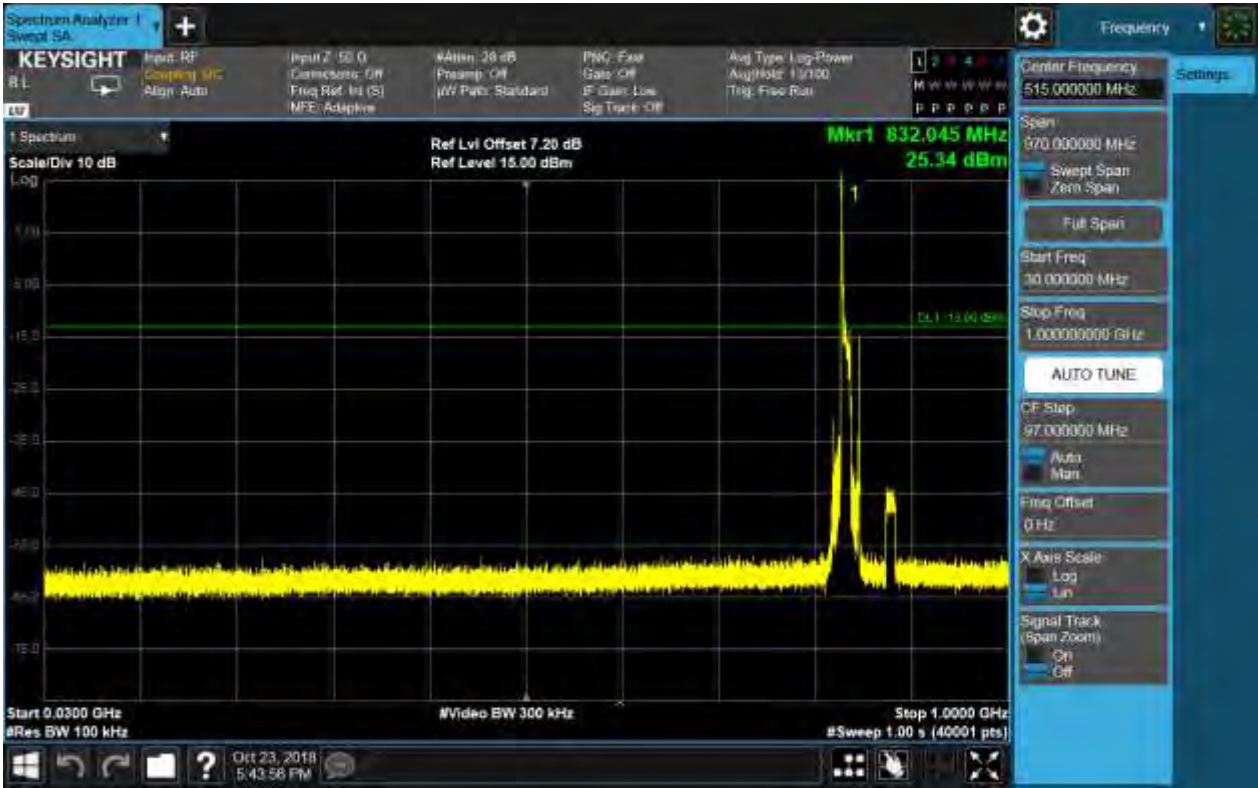


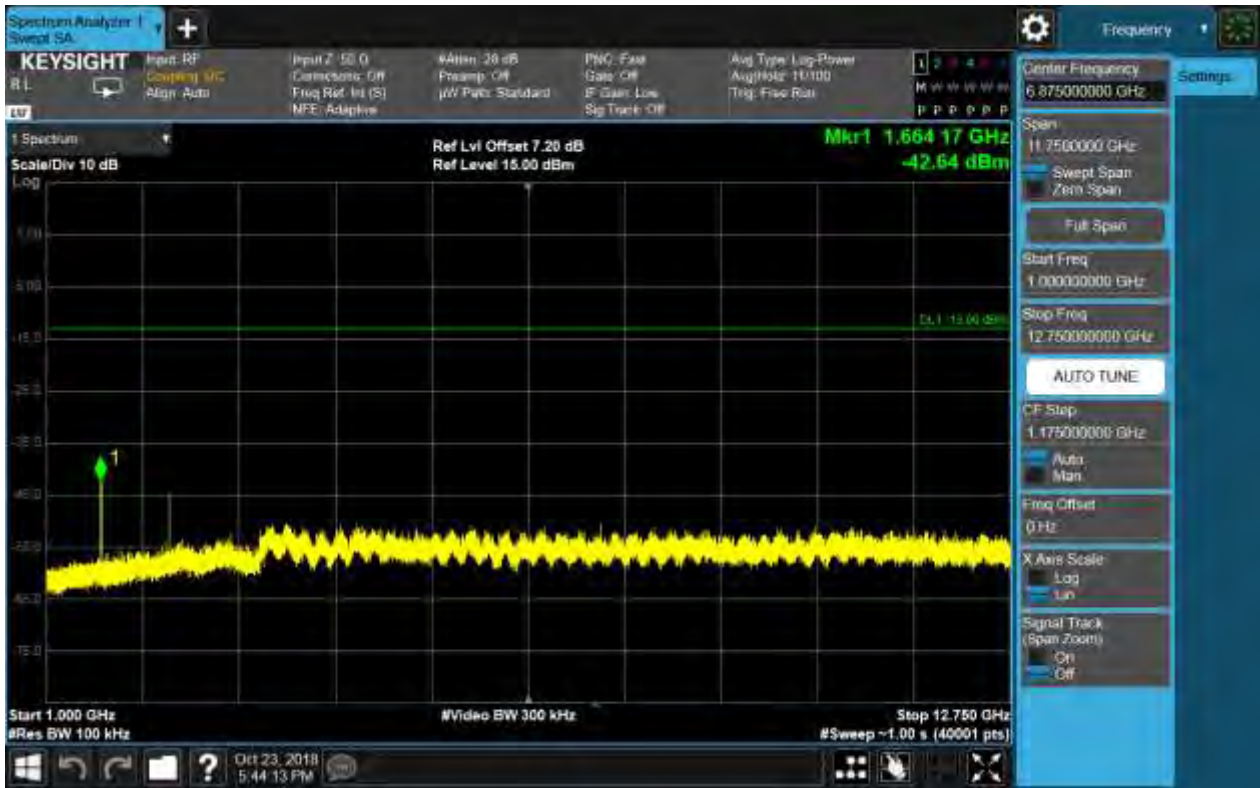
6.1.1.1.4.2 Test Channel = MCH

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 = 1.4

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0







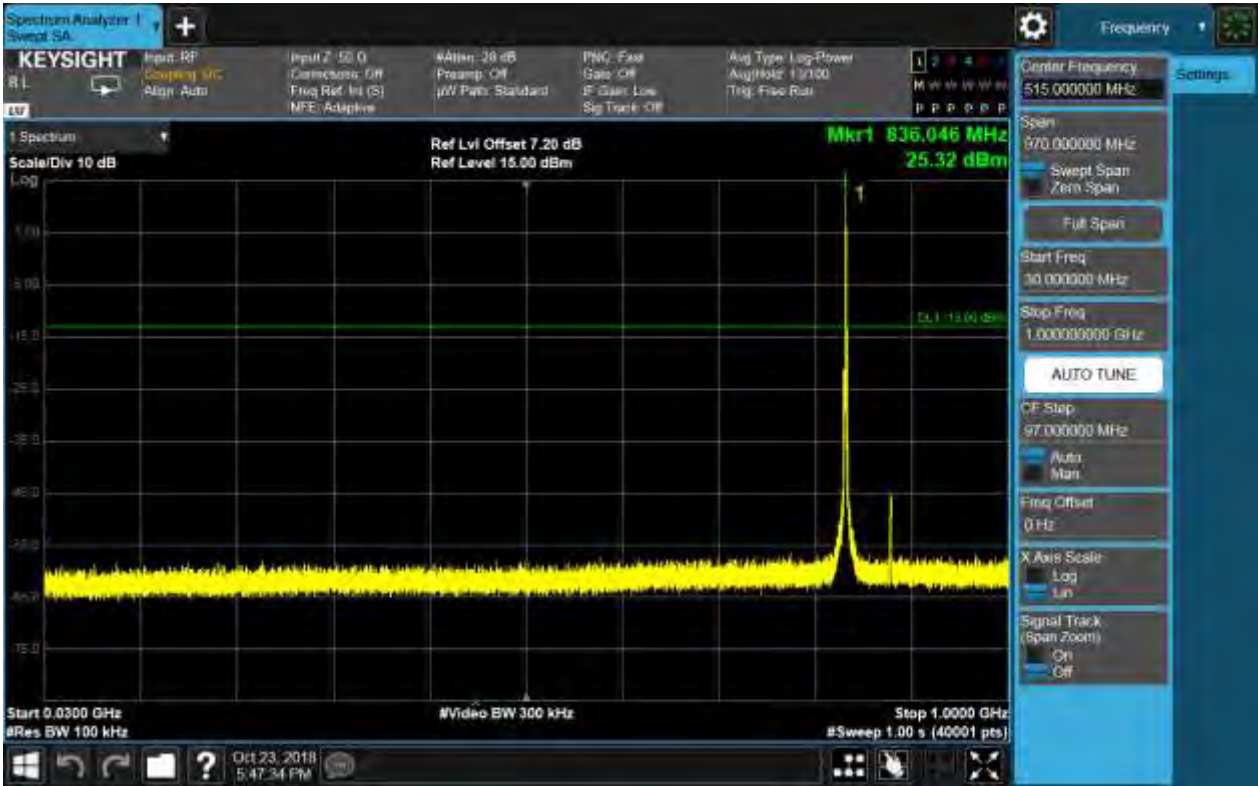


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0







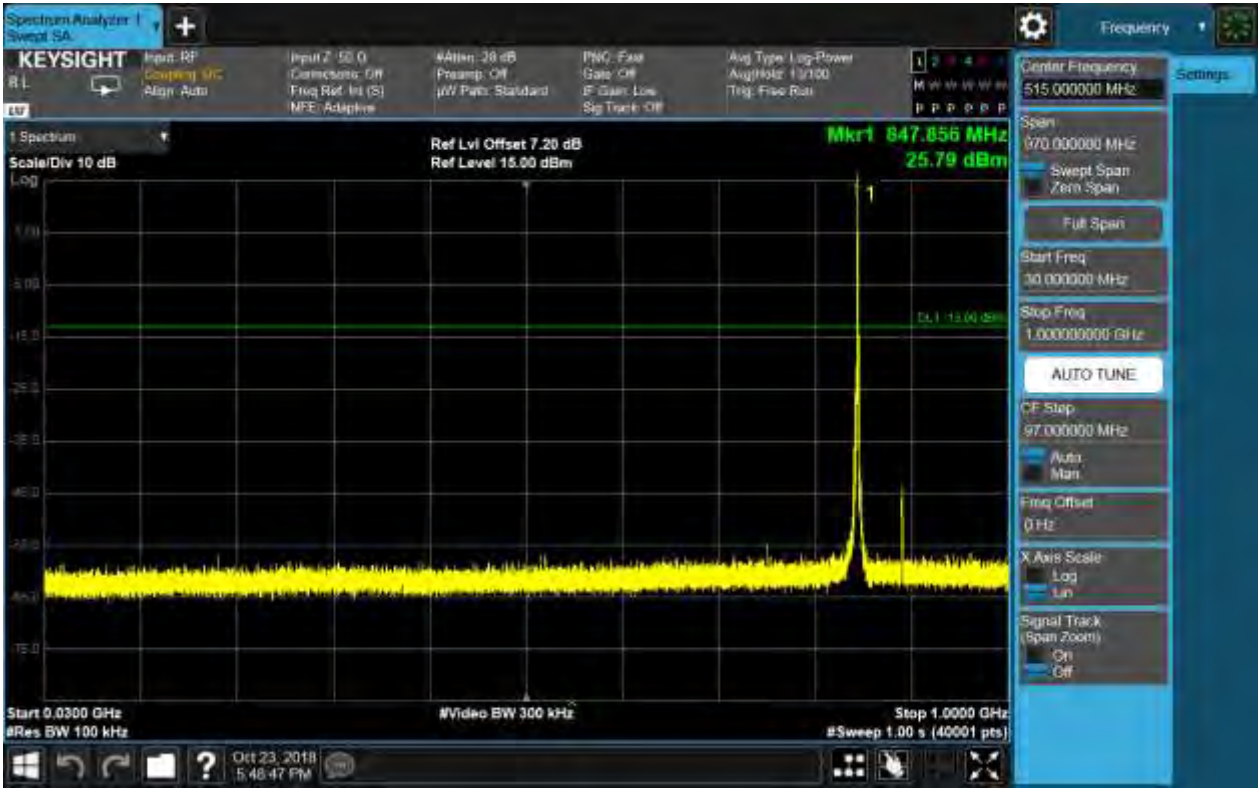


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0









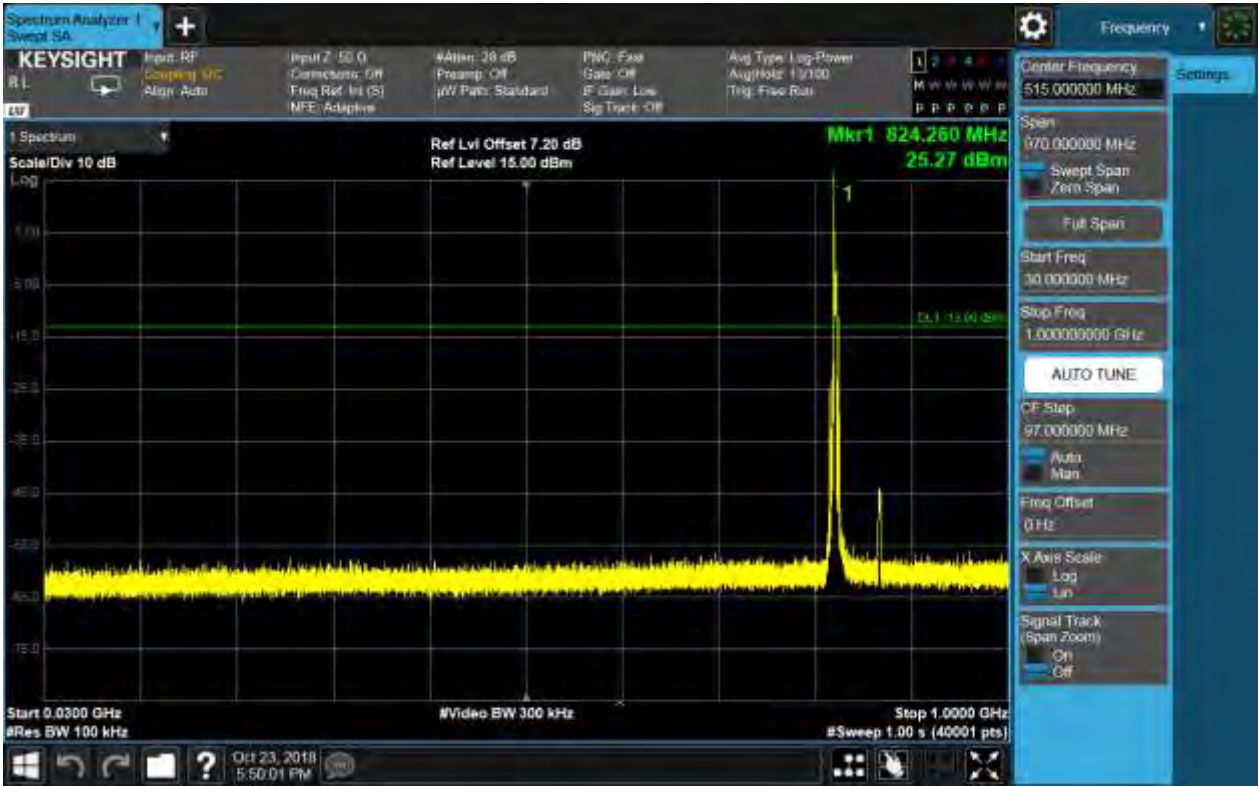
6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0







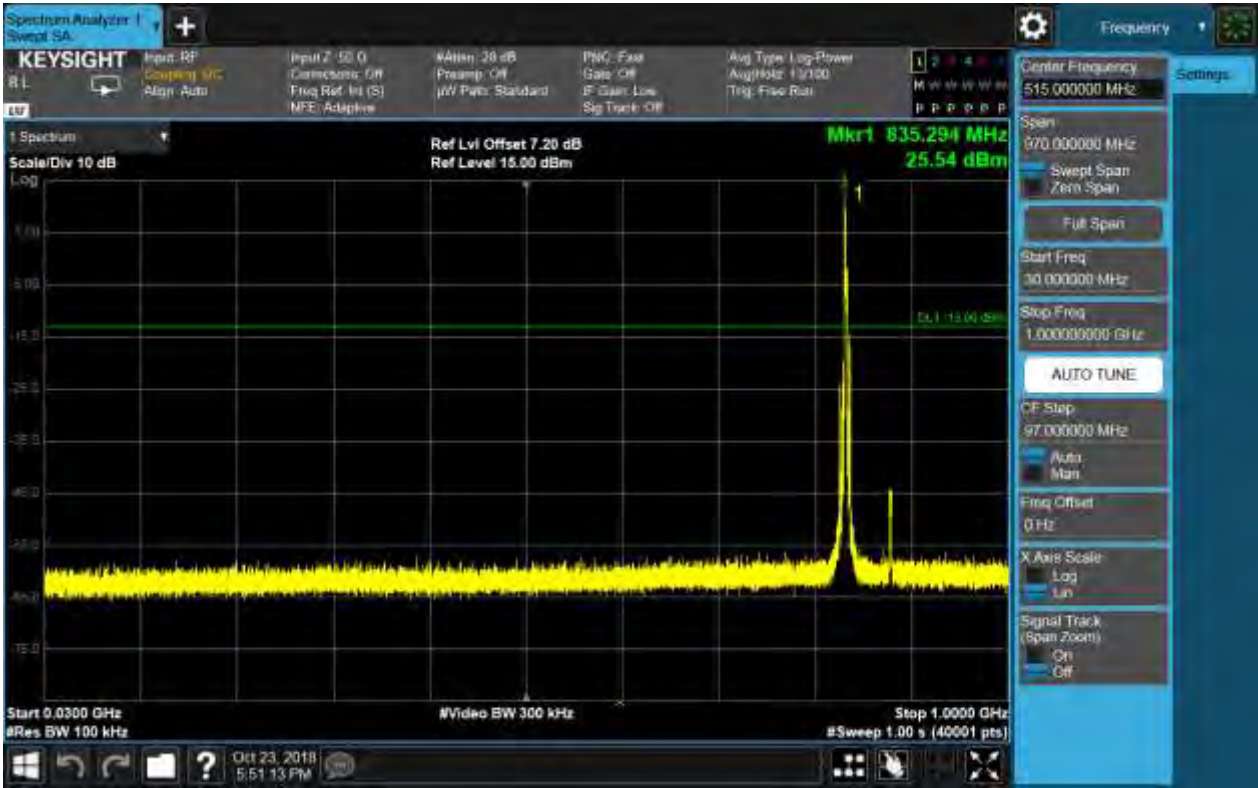


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0









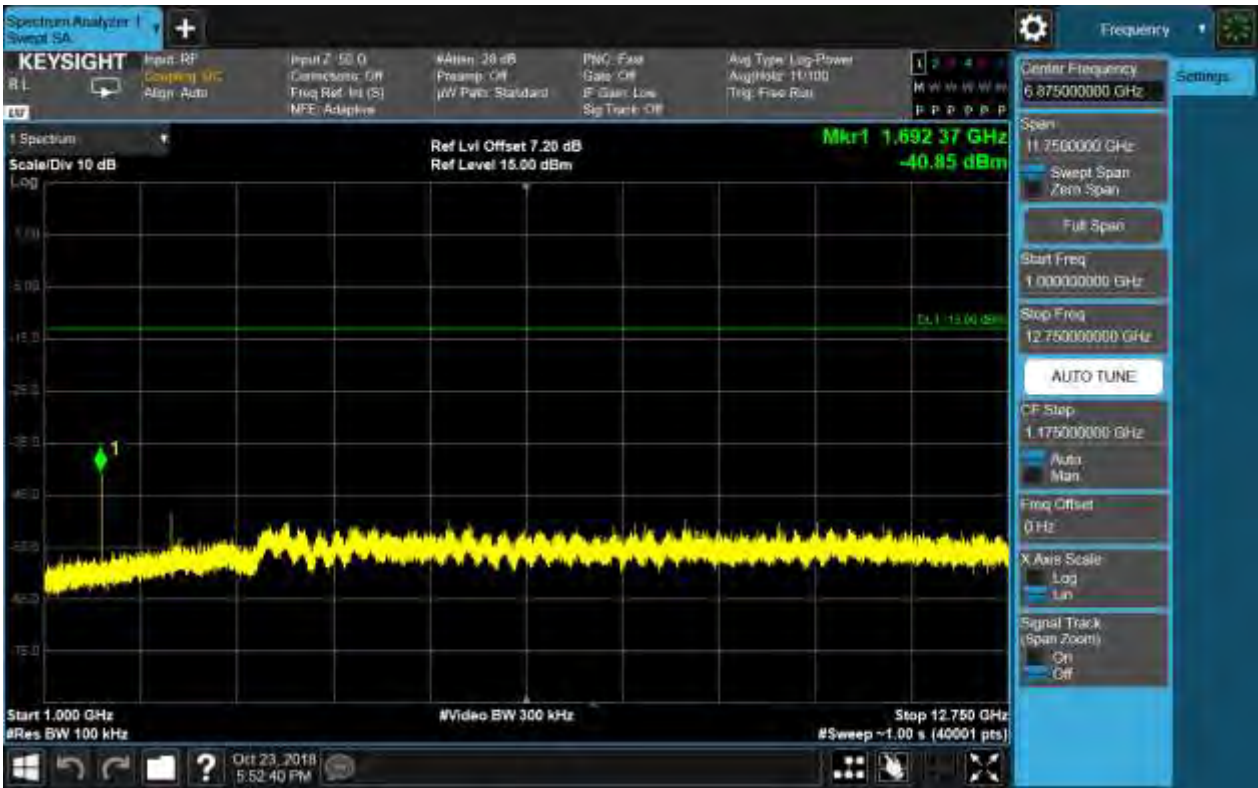
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0









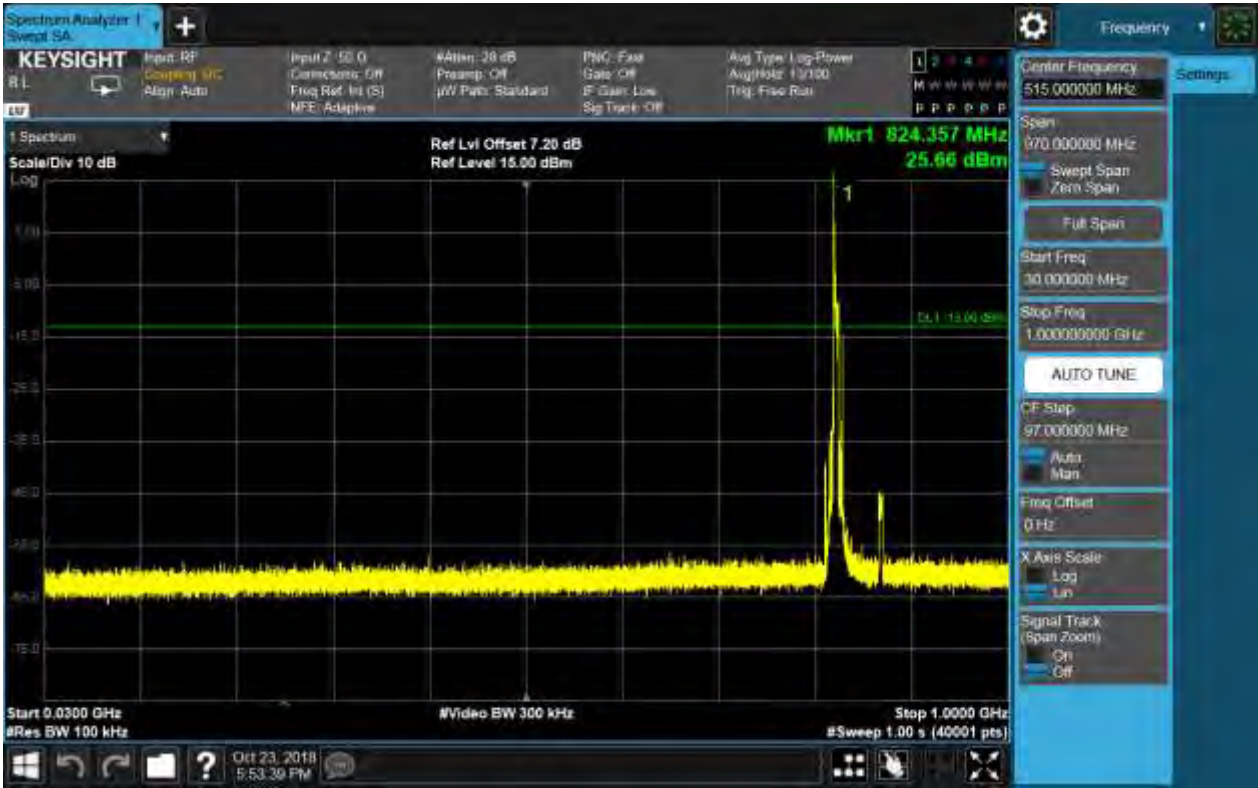
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0







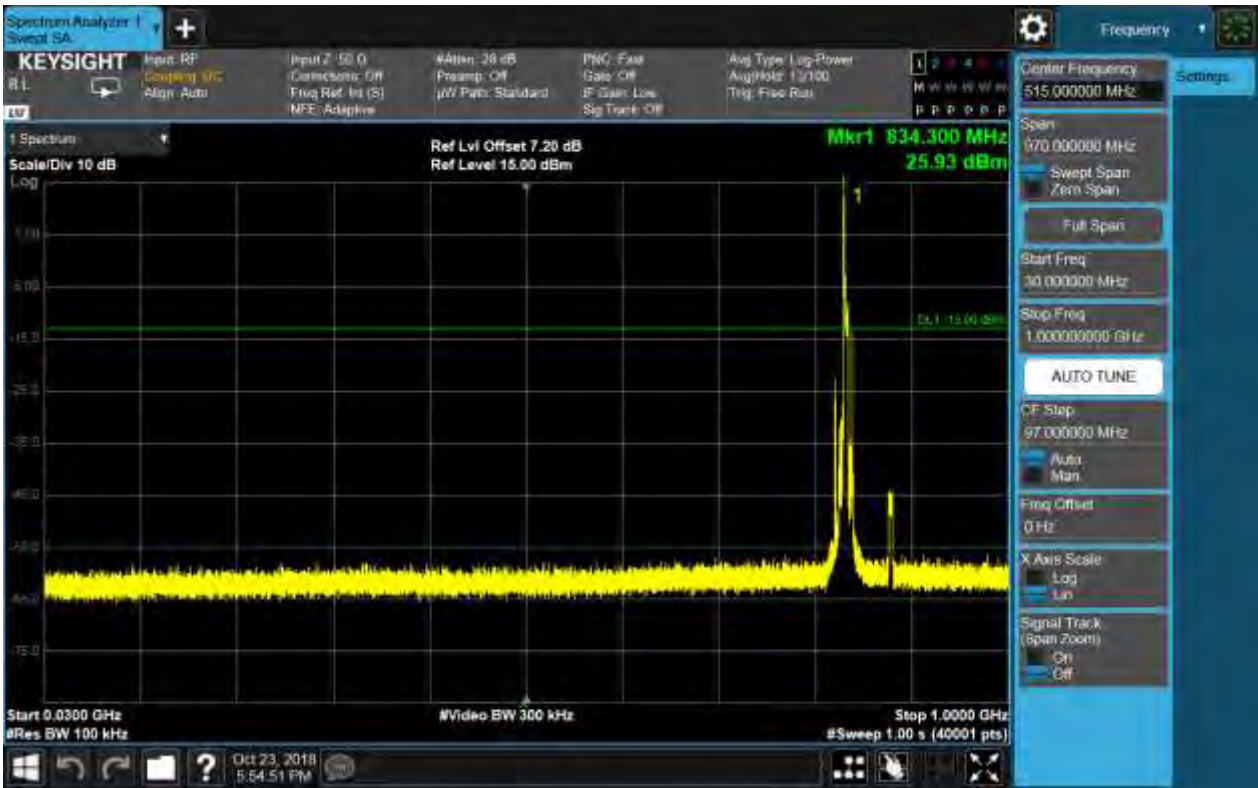


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0





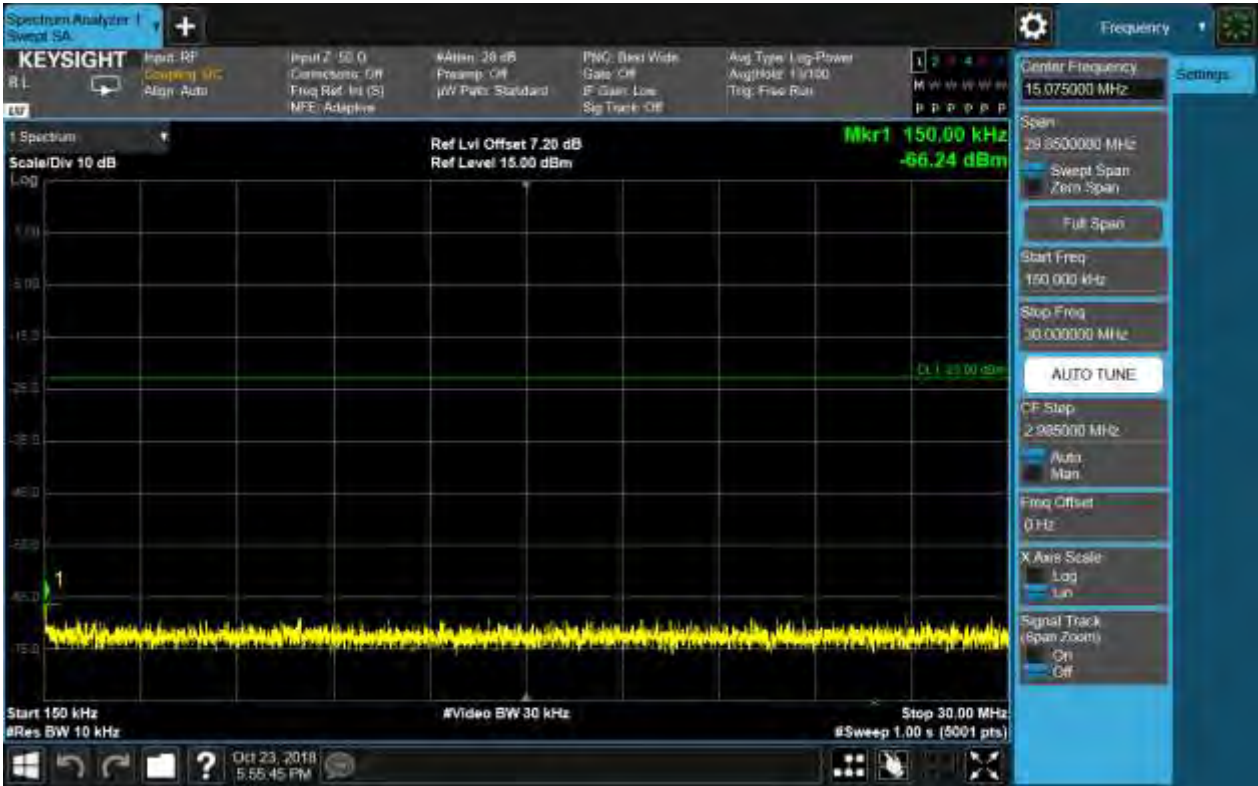


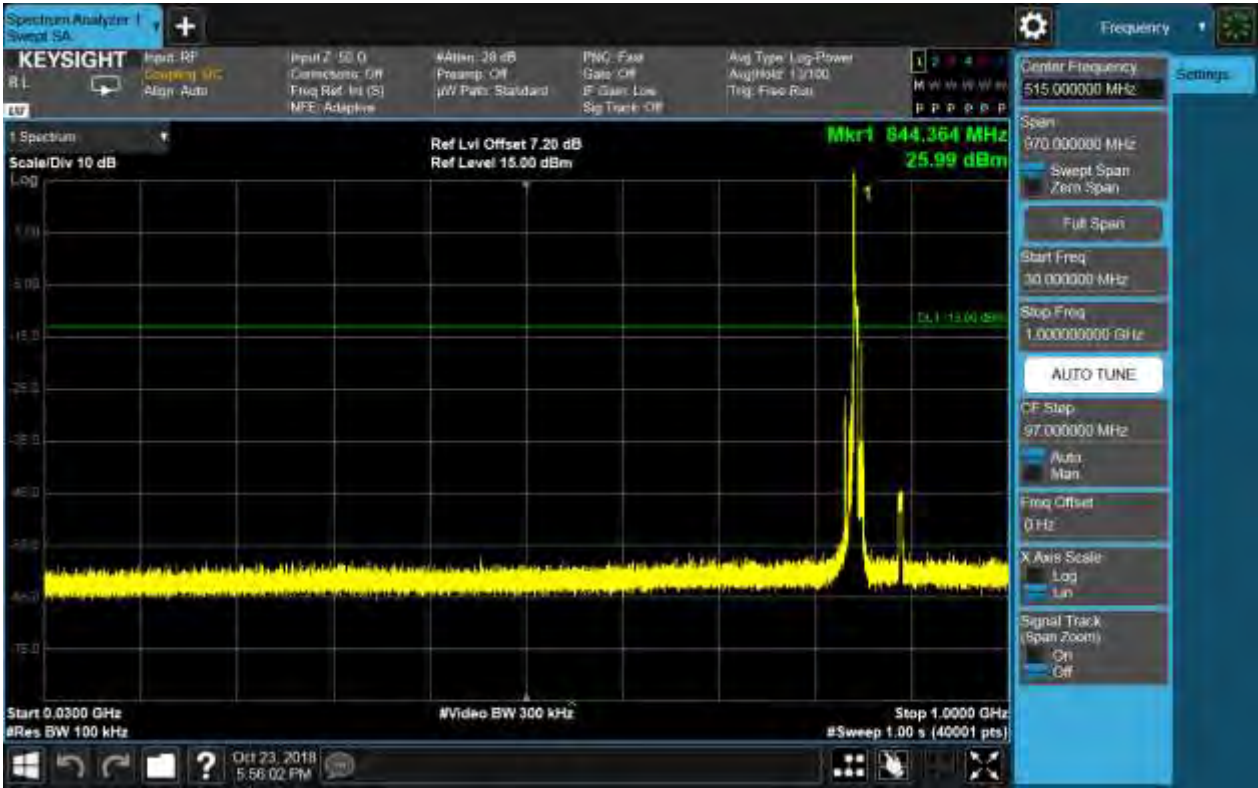


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0









6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0







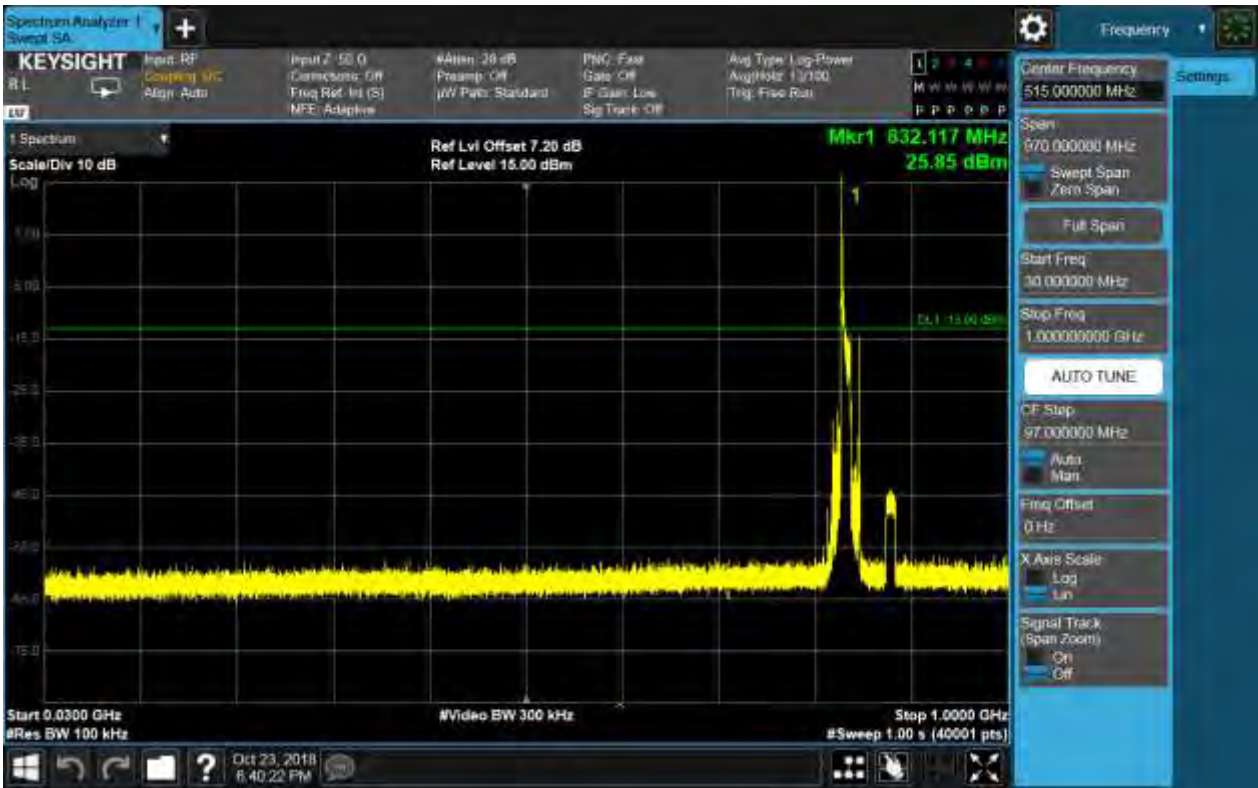


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0







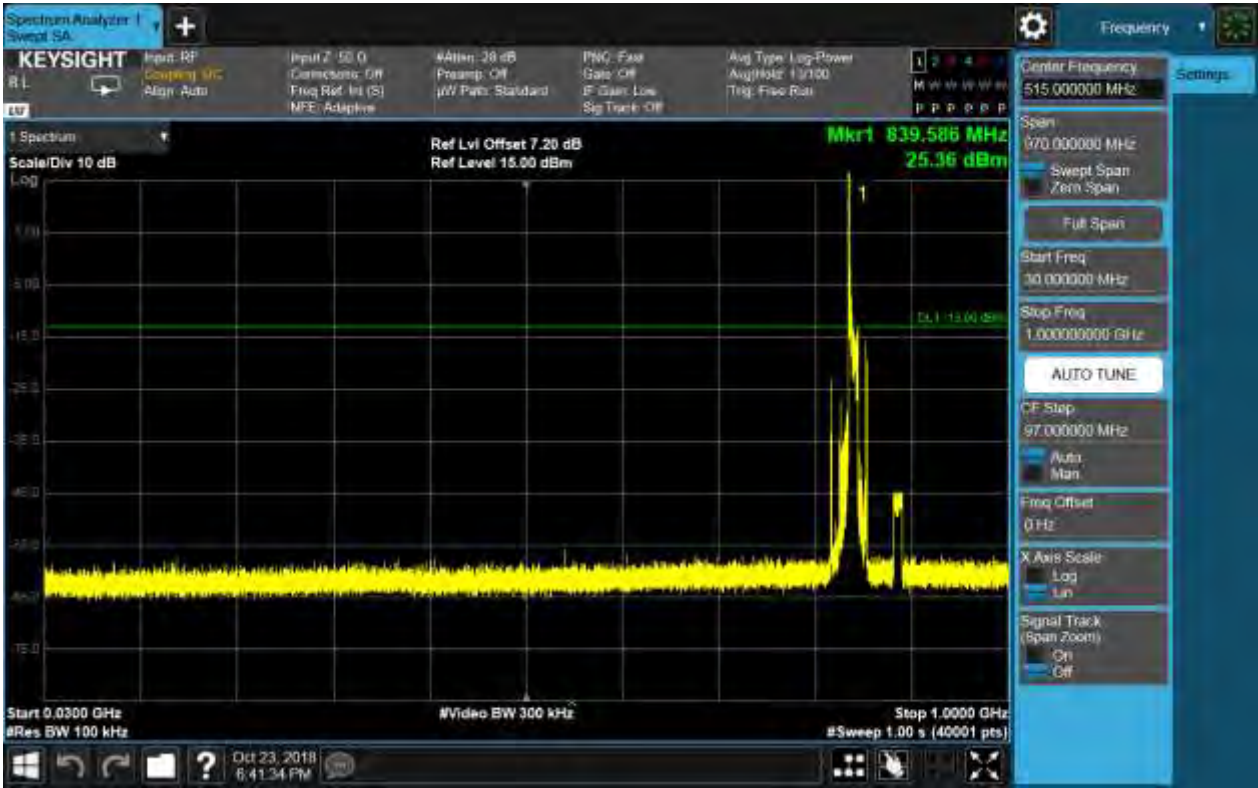


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0











7Appendix_G: Frequency Stability

7.1 For LTE

7.1.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	TN	VL	-3.30	-0.004	PASS
					VN	-12.67	-0.01536	PASS
					VH	11.42	0.01385	PASS
			MCH	TN	VL	5.14	0.00614	PASS
					VN	7.78	0.0093	PASS
					VH	-16.94	-0.02025	PASS
			HCH	TN	VL	7.78	0.00917	PASS
					VN	-2.93	-0.00345	PASS
					VH	16.58	0.01954	PASS
		3	LCH	TN	VL	0.13	0.00016	PASS
					VN	0.21	0.00025	PASS
					VH	-3.19	-0.00386	PASS
			MCH	TN	VL	4.96	0.00593	PASS
					VN	12.56	0.01501	PASS
					VH	2.17	0.00259	PASS
			HCH	TN	VL	-2.46	-0.0029	PASS
					VN	-1.73	-0.00204	PASS
					VH	-6.58	-0.00776	PASS
		5	LCH	TN	VL	-2.37	-0.00287	PASS
					VN	-3.76	-0.00455	PASS
					VH	1.44	0.00174	PASS
			MCH	TN	VL	3.05	0.00365	PASS
					VN	2.47	0.00295	PASS
					VH	-2.17	-0.00259	PASS
			HCH	TN	VL	0.79	0.00093	PASS
					VN	8.23	0.00972	PASS
					VH	-4.12	-0.00487	PASS
10	LCH	TN	VL	-0.03	-0.00004	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	0.17	0.00021	PASS	
					VH	0.34	0.00041	PASS	
					VL	3.71	0.00444	PASS	
			MCH	TN	VN	2.98	0.00356	PASS	
					VH	8.38	0.01002	PASS	
					VL	-0.21	-0.00025	PASS	
		HCH	TN	VN	-0.27	-0.00032	PASS		
				VH	1.65	0.00195	PASS		
				VL	-10.09	-0.01223	PASS		
		LTE/TM2	1.4	LCH	TN	VN	13.90	0.01685	PASS
						VH	-2.90	-0.00352	PASS
						VL	-11.44	-0.01368	PASS
				MCH	TN	VN	10.40	0.01243	PASS
						VH	6.77	0.00809	PASS
						VL	-6.69	-0.00789	PASS
				HCH	TN	VN	2.83	0.00334	PASS
						VH	-10.01	-0.0118	PASS
						VL	-0.59	-0.00071	PASS
	3			LCH	TN	VN	0.31	0.00038	PASS
						VH	-1.23	-0.00149	PASS
						VL	-0.13	-0.00016	PASS
				MCH	TN	VN	-0.92	-0.0011	PASS
						VH	-3.58	-0.00428	PASS
						VL	-0.87	-0.00103	PASS
				HCH	TN	VN	6.32	0.00746	PASS
						VH	7.31	0.00863	PASS
						VL	0.19	0.00023	PASS
	5	LCH	TN	VN	1.86	0.00225	PASS		
				VH	1.30	0.00157	PASS		
				VL	-10.10	-0.01207	PASS		
		MCH	TN	VN	5.68	0.00679	PASS		
				VH	-1.30	-0.00155	PASS		
				VL	-0.74	-0.00087	PASS		
		HCH	TN	VN	-0.64	-0.00076	PASS		
				VH	0.69	0.00082	PASS		
				VL	-0.76	-0.00092	PASS		
	10	LCH	TN	VN	-0.54	-0.00065	PASS		
				VH	-0.54	-0.00065	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	1.30	0.00157	PASS
			MCH	TN	VL	1.13	0.00135	PASS
					VN	2.16	0.00258	PASS
					VH	-0.44	-0.00053	PASS
			HCH	TN	VL	-0.26	-0.00031	PASS
					VN	-0.37	-0.00044	PASS
					VH	2.10	0.00249	PASS

7.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	VN	-30	-6.28	-0.00761	PASS
					-20	-9.64	-0.01169	PASS
					-10	10.23	0.0124	PASS
					0	6.61	0.00802	PASS
					10	7.67	0.0093	PASS
					20	-0.97	-0.00118	PASS
					30	-8.03	-0.00974	PASS
					40	7.95	0.00964	PASS
					50	17.27	0.02094	PASS
			MCH	VN	-30	0.07	0.00008	PASS
					-20	19.41	0.0232	PASS
					-10	3.89	0.00465	PASS
					0	17.65	0.0211	PASS
					10	-2.43	-0.0029	PASS
					20	-19.13	-0.02287	PASS
					30	3.69	0.00441	PASS
					40	-12.93	-0.01546	PASS
					50	3.52	0.00421	PASS
			HCH	VN	-30	7.62	0.00898	PASS
					-20	-3.12	-0.00368	PASS
					-10	-10.01	-0.0118	PASS
					0	20.84	0.02457	PASS
					10	13.15	0.0155	PASS
					20	23.05	0.02717	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					30	15.36	0.01811	PASS		
					40	-0.74	-0.00087	PASS		
					50	26.74	0.03152	PASS		
		3	LCH	VN	-30	4.38	0.00531	PASS		
					-20	-3.78	-0.00458	PASS		
					-10	0.50	0.00061	PASS		
					0	1.80	0.00218	PASS		
					10	1.50	0.00182	PASS		
					20	-1.87	-0.00227	PASS		
					30	2.88	0.00349	PASS		
					40	0.94	0.00114	PASS		
					50	0.66	0.0008	PASS		
					MCH	VN	-30	-0.94	-0.00112	PASS
							-20	1.62	0.00194	PASS
							-10	11.93	0.01426	PASS
		0	-4.73	-0.00565			PASS			
		10	-2.60	-0.00311			PASS			
		20	-0.60	-0.00072			PASS			
		30	-3.73	-0.00446			PASS			
		40	-16.05	-0.01919			PASS			
		HCH	VN	50	1.87	0.00224	PASS			
				-30	1.97	0.00232	PASS			
				-20	-1.50	-0.00177	PASS			
				-10	1.22	0.00144	PASS			
				0	-1.66	-0.00196	PASS			
				10	-8.45	-0.00997	PASS			
				20	7.00	0.00826	PASS			
				30	1.26	0.00149	PASS			
		5	LCH	VN	40	3.28	0.00387	PASS		
					50	-5.45	-0.00643	PASS		
-30	0.59				0.00071	PASS				
-20	-1.24				-0.0015	PASS				
-10	-3.25				-0.00393	PASS				
0	0.82				0.00099	PASS				
10	0.19				0.00023	PASS				
20	0.17	0.00021	PASS							
30	-2.32	-0.00281	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	2.27	0.00275	PASS
					50	-1.00	-0.00121	PASS
			MCH	VN	-30	-0.04	-0.00005	PASS
					-20	8.21	0.00981	PASS
					-10	0.44	0.00053	PASS
					0	5.22	0.00624	PASS
					10	2.05	0.00245	PASS
					20	-3.55	-0.00424	PASS
					30	1.34	0.0016	PASS
					40	-0.51	-0.00061	PASS
					50	2.78	0.00332	PASS
					HCH	VN	-30	-2.32
			-20	-0.60			-0.00071	PASS
			-10	-2.80			-0.00331	PASS
			0	3.49			0.00412	PASS
			10	2.10			0.00248	PASS
			20	3.13			0.0037	PASS
			30	-0.80			-0.00095	PASS
		40	1.73	0.00204			PASS	
		50	-1.02	-0.0012	PASS			
		10	LCH	VN	-30	-0.43	-0.00052	PASS
					-20	-0.01	-0.00001	PASS
					-10	1.85	0.00223	PASS
					0	-0.10	-0.00012	PASS
					10	-0.23	-0.00028	PASS
					20	0.67	0.00081	PASS
					30	-0.47	-0.00057	PASS
					40	0.19	0.00023	PASS
			50	-1.77	-0.00214	PASS		
			MCH	VN	-30	-0.20	-0.00024	PASS
					-20	-0.50	-0.0006	PASS
					-10	-0.74	-0.00088	PASS
0	-0.21				-0.00025	PASS		
10	-3.71				-0.00444	PASS		
20	-0.50	-0.0006			PASS			
30	-0.66	-0.00079	PASS					
40	-0.11	-0.00013	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
	LTE/TM2	1.4	HCH	VN	50	-0.63	-0.00075	PASS		
					-30	-1.57	-0.00186	PASS		
					-20	-1.46	-0.00173	PASS		
					-10	-1.93	-0.00229	PASS		
					0	-1.52	-0.0018	PASS		
					10	-2.79	-0.00331	PASS		
					20	-3.86	-0.00457	PASS		
					30	-1.99	-0.00236	PASS		
			40		-2.72	-0.00322	PASS			
			50		-4.03	-0.00477	PASS			
			-30		-5.75	-0.00697	PASS			
			-20		-2.53	-0.00307	PASS			
			-10		10.33	0.01253	PASS			
			0		1.89	0.00229	PASS			
			10		-12.80	-0.01552	PASS			
			20		-11.24	-0.01363	PASS			
	30	-15.52	-0.01882	PASS						
	40	4.84	0.00587	PASS						
	50	12.35	0.01498	PASS						
		LTE/TM2	1.4	LCH	VN	-30	-14.28	-0.01707	PASS	
						-20	-2.60	-0.00311	PASS	
						-10	-4.98	-0.00595	PASS	
						0	3.60	0.0043	PASS	
						10	8.27	0.00989	PASS	
						20	3.56	0.00426	PASS	
						30	8.45	0.0101	PASS	
				40		-5.51	-0.00659	PASS		
				50		4.33	0.00518	PASS		
				MCH		VN	-30	7.17	0.00845	PASS
							-20	11.24	0.01325	PASS
							-10	3.76	0.00443	PASS
							0	-34.66	-0.04086	PASS
							10	-10.71	-0.01263	PASS
	20	-12.55	-0.01479		PASS					
	30	4.29	0.00506		PASS					
	40	-15.25	-0.01798	PASS						
	50	2.03	0.00239	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		3	LCH	VN	-30	3.66	0.00443	PASS
					-20	-0.17	-0.00021	PASS
					-10	3.48	0.00422	PASS
					0	-0.57	-0.00069	PASS
					10	2.85	0.00345	PASS
					20	-0.67	-0.00081	PASS
					30	1.10	0.00133	PASS
					40	2.19	0.00265	PASS
			50	1.85	0.00224	PASS		
			MCH	VN	-30	-19.23	-0.02299	PASS
					-20	-9.50	-0.01136	PASS
					-10	6.65	0.00795	PASS
					0	1.62	0.00194	PASS
					10	-3.16	-0.00378	PASS
					20	-1.77	-0.00212	PASS
					30	3.29	0.00393	PASS
					40	2.70	0.00323	PASS
			HCH	VN	-30	-1.30	-0.00153	PASS
					-20	-2.70	-0.00319	PASS
					-10	1.10	0.0013	PASS
					0	8.96	0.01057	PASS
					10	-1.04	-0.00123	PASS
					20	1.67	0.00197	PASS
					30	-1.89	-0.00223	PASS
		40			-2.95	-0.00348	PASS	
		50	0.51	0.0006	PASS			
		5	LCH	VN	-30	-0.56	-0.00068	PASS
					-20	-0.99	-0.0012	PASS
					-10	-0.51	-0.00062	PASS
					0	-0.30	-0.00036	PASS
					10	3.82	0.00462	PASS
					20	1.69	0.00204	PASS
					30	0.20	0.00024	PASS
					40	0.34	0.00041	PASS
					50	-0.33	-0.0004	PASS
					MCH	VN	-30	19.25



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-1.80	-0.00215	PASS		
					-10	-1.06	-0.00127	PASS		
					0	3.13	0.00374	PASS		
					10	-0.97	-0.00116	PASS		
					20	2.75	0.00329	PASS		
					30	-3.86	-0.00461	PASS		
					40	-4.12	-0.00493	PASS		
					50	-1.16	-0.00139	PASS		
					HCH	VN	-30	-7.61	-0.00899	PASS
			-20	-1.43			-0.00169	PASS		
			-10	9.11			0.01076	PASS		
			0	-6.95			-0.00821	PASS		
			10	-1.85			-0.00219	PASS		
			20	4.03			0.00476	PASS		
			30	-2.56			-0.00302	PASS		
			40	-2.60			-0.00307	PASS		
			50	0.99			0.00117	PASS		
			10			LCH	VN	-30	0.83	0.001
		-20						-0.34	-0.00041	PASS
		-10						1.16	0.0014	PASS
		0						0.36	0.00043	PASS
		10						3.33	0.00402	PASS
		20						1.17	0.00141	PASS
		30						0.27	0.00033	PASS
		40						-0.90	-0.00109	PASS
		50						-1.03	-0.00124	PASS
		MCH			VN	-30	1.07	0.00128	PASS	
						-20	-2.05	-0.00245	PASS	
						-10	-2.10	-0.00251	PASS	
						0	-0.97	-0.00116	PASS	
						10	0.00	0	PASS	
						20	1.32	0.00158	PASS	
						30	-2.49	-0.00298	PASS	
						40	-2.37	-0.00283	PASS	
						50	-0.37	-0.00044	PASS	
		HCH	VN	-30	-1.89	-0.00224	PASS			
				-20	0.29	0.00034	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-1.39	-0.00165	PASS
					0	0.59	0.0007	PASS
					10	-1.04	-0.00123	PASS
					20	-0.69	-0.00082	PASS
					30	0.72	0.00085	PASS
					40	1.60	0.0019	PASS
					50	0.83	0.00098	PASS

END