



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]	EIRP [dBm]	Limit [dBm]	Verdict
BAND2	LTE/TM 1	1.4	LCH	RB1#0	23.63	23.66	33	PASS
				RB1#3	23.34	23.37	33	PASS
				RB1#5	23.66	23.69	33	PASS
				RB3#0	23.57	23.60	33	PASS
				RB3#2	23.4	23.43	33	PASS
				RB3#3	23.5	23.53	33	PASS
				RB6#0	22.41	22.44	33	PASS
			MCH	RB1#0	23.67	23.70	33	PASS
				RB1#3	23.29	23.32	33	PASS
				RB1#5	23.66	23.69	33	PASS
				RB3#0	23.57	23.60	33	PASS
				RB3#2	23.41	23.44	33	PASS
				RB3#3	23.52	23.55	33	PASS
				RB6#0	22.6	22.63	33	PASS
		HCH	RB1#0	23.49	23.52	33	PASS	
			RB1#3	23.19	23.22	33	PASS	
			RB1#5	23.53	23.56	33	PASS	
			RB3#0	23.55	23.58	33	PASS	
			RB3#2	23.48	23.51	33	PASS	
			RB3#3	23.52	23.55	33	PASS	
			RB6#0	22.52	22.55	33	PASS	
		3	LCH	RB1#0	23.7	23.73	33	PASS
				RB1#7	22.89	22.92	33	PASS
				RB1#14	23.74	23.77	33	PASS
				RB8#0	22.59	22.62	33	PASS
				RB8#4	22.5	22.53	33	PASS
				RB8#7	22.59	22.62	33	PASS
				RB15#0	22.64	22.67	33	PASS



			MCH	RB1#0	23.69	23.72	33	PASS
				RB1#7	23.14	23.17	33	PASS
				RB1#14	23.68	23.71	33	PASS
				RB8#0	22.57	22.60	33	PASS
				RB8#4	22.6	22.63	33	PASS
				RB8#7	22.63	22.66	33	PASS
				RB15#0	22.6	22.63	33	PASS
			HCH	RB1#0	23.57	23.60	33	PASS
				RB1#7	22.94	22.97	33	PASS
				RB1#14	23.53	23.56	33	PASS
				RB8#0	22.6	22.63	33	PASS
				RB8#4	22.5	22.53	33	PASS
				RB8#7	22.55	22.58	33	PASS
				RB15#0	22.6	22.63	33	PASS
		5	LCH	RB1#0	23.65	23.68	33	PASS
				RB1#13	23.73	23.76	33	PASS
				RB1#24	23.69	23.72	33	PASS
				RB12#0	22.78	22.81	33	PASS
				RB12#6	22.66	22.69	33	PASS
				RB12#1 3	22.8	22.83	33	PASS
				RB25#0	22.7	22.73	33	PASS
			MCH	RB1#0	23.64	23.67	33	PASS
				RB1#13	23.68	23.71	33	PASS
				RB1#24	23.64	23.67	33	PASS
				RB12#0	22.68	22.71	33	PASS
				RB12#6	22.65	22.68	33	PASS
				RB12#1 3	22.7	22.73	33	PASS
				RB25#0	22.66	22.69	33	PASS
			HCH	RB1#0	23.63	23.66	33	PASS
				RB1#13	23.67	23.70	33	PASS
				RB1#24	23.66	23.69	33	PASS
				RB12#0	22.65	22.68	33	PASS
				RB12#6	22.61	22.64	33	PASS
RB12#1 3	22.72			22.75	33	PASS		
RB25#0	22.58			22.61	33	PASS		
10	LCH	RB1#0	23.47	23.50	33	PASS		
		RB1#25	23.28	23.31	33	PASS		



				RB1#49	23.6	23.63	33	PASS	
				RB25#0	22.67	22.70	33	PASS	
				RB25#1 3	22.71	22.74	33	PASS	
				RB25#2 5	22.68	22.71	33	PASS	
				RB50#0	22.7	22.73	33	PASS	
				MCH	RB1#0	23.6	23.63	33	PASS
					RB1#25	23.41	23.44	33	PASS
					RB1#49	23.56	23.59	33	PASS
					RB25#0	22.66	22.69	33	PASS
					RB25#1 3	22.64	22.67	33	PASS
					RB25#2 5	22.61	22.64	33	PASS
				HCH	RB50#0	22.63	22.66	33	PASS
					RB1#0	23.55	23.58	33	PASS
					RB1#25	23.43	23.46	33	PASS
					RB1#49	23.52	23.55	33	PASS
			RB25#0		22.52	22.55	33	PASS	
			RB25#1 3		22.58	22.61	33	PASS	
			15	LCH	RB25#2 5	22.65	22.68	33	PASS
					RB50#0	22.57	22.60	33	PASS
					RB1#0	23.49	23.52	33	PASS
					RB1#38	23.72	23.75	33	PASS
					RB1#74	23.48	23.51	33	PASS
					RB38#0	22.64	22.67	33	PASS
					RB38#1 9	22.68	22.71	33	PASS
				MCH	RB38#3 9	22.7	22.73	33	PASS
					RB75#0	22.65	22.68	33	PASS
					RB1#0	23.56	23.59	33	PASS
					RB1#38	23.67	23.70	33	PASS
					RB1#74	23.51	23.54	33	PASS
					RB38#0	22.64	22.67	33	PASS
RB38#1 9	22.64	22.67			33	PASS			



			HCH	RB38#39	22.66	22.69	33	PASS		
				RB75#0	22.64	22.67	33	PASS		
				RB1#0	23.52	23.55	33	PASS		
				RB1#38	23.65	23.68	33	PASS		
				RB1#74	23.49	23.52	33	PASS		
				RB38#0	22.57	22.60	33	PASS		
				RB38#19	22.68	22.71	33	PASS		
				RB38#39	22.7	22.73	33	PASS		
				RB75#0	22.58	22.61	33	PASS		
			20	LCH	RB1#0	23.7	23.73	33	PASS	
					RB1#50	23.52	23.55	33	PASS	
					RB1#99	23.74	23.77	33	PASS	
					RB50#0	22.68	22.71	33	PASS	
					RB50#25	22.63	22.66	33	PASS	
					RB50#50	22.65	22.68	33	PASS	
					RB100#0	22.63	22.66	33	PASS	
					MCH	RB1#0	23.68	23.71	33	PASS
						RB1#50	23.25	23.28	33	PASS
				RB1#99		23.67	23.70	33	PASS	
				RB50#0		22.63	22.66	33	PASS	
				RB50#25		22.6	22.63	33	PASS	
				RB50#50		22.62	22.65	33	PASS	
				RB100#0		22.65	22.68	33	PASS	
				HCH	RB1#0	23.65	23.68	33	PASS	
					RB1#50	23.43	23.46	33	PASS	
					RB1#99	23.68	23.71	33	PASS	
					RB50#0	22.6	22.63	33	PASS	
RB50#25	22.67	22.70	33		PASS					
RB50#50	22.64	22.67	33		PASS					



				RB100# 0	22.56	22.59	33	PASS
LTE/TM 2	1.4	LCH	RB1#0	22.58	22.61	33	PASS	
			RB1#3	22.11	22.14	33	PASS	
			RB1#5	22.66	22.69	33	PASS	
			RB3#0	22.71	22.74	33	PASS	
			RB3#2	22.45	22.48	33	PASS	
			RB3#3	22.7	22.73	33	PASS	
			RB6#0	21.6	21.63	33	PASS	
		MCH	RB1#0	22.87	22.90	33	PASS	
			RB1#3	22.4	22.43	33	PASS	
			RB1#5	22.89	22.92	33	PASS	
			RB3#0	22.71	22.74	33	PASS	
			RB3#2	22.46	22.49	33	PASS	
			RB3#3	22.65	22.68	33	PASS	
			RB6#0	21.5	21.53	33	PASS	
		HCH	RB1#0	22.59	22.62	33	PASS	
			RB1#3	22.28	22.31	33	PASS	
			RB1#5	22.64	22.67	33	PASS	
			RB3#0	22.73	22.76	33	PASS	
			RB3#2	22.68	22.71	33	PASS	
			RB3#3	22.68	22.71	33	PASS	
			RB6#0	21.45	21.48	33	PASS	
	3	LCH	RB1#0	22.79	22.82	33	PASS	
			RB1#7	22.58	22.61	33	PASS	
			RB1#14	22.82	22.85	33	PASS	
			RB8#0	21.66	21.69	33	PASS	
			RB8#4	21.66	21.69	33	PASS	
			RB8#7	21.71	21.74	33	PASS	
			RB15#0	21.63	21.66	33	PASS	
		MCH	RB1#0	22.71	22.74	33	PASS	
			RB1#7	22.07	22.10	33	PASS	
RB1#14			22.7	22.73	33	PASS		
RB8#0			21.53	21.56	33	PASS		
RB8#4			21.57	21.60	33	PASS		
RB8#7			21.59	21.62	33	PASS		
RB15#0			21.58	21.61	33	PASS		
HCH		RB1#0	22.72	22.75	33	PASS		
		RB1#7	22.25	22.28	33	PASS		



			RB1#14	22.77	22.80	33	PASS
			RB8#0	21.62	21.65	33	PASS
			RB8#4	21.55	21.58	33	PASS
			RB8#7	21.55	21.58	33	PASS
			RB15#0	21.56	21.59	33	PASS
	5	LCH	RB1#0	22.75	22.78	33	PASS
			RB1#13	22.79	22.82	33	PASS
			RB1#24	22.77	22.80	33	PASS
			RB12#0	21.76	21.79	33	PASS
			RB12#6	21.63	21.66	33	PASS
			RB12#1 3	21.7	21.73	33	PASS
		RB25#0	21.64	21.67	33	PASS	
		MCH	RB1#0	22.8	22.83	33	PASS
			RB1#13	22.87	22.90	33	PASS
			RB1#24	22.87	22.90	33	PASS
			RB12#0	21.61	21.64	33	PASS
			RB12#6	21.53	21.56	33	PASS
			RB12#1 3	21.58	21.61	33	PASS
		RB25#0	21.6	21.63	33	PASS	
		HCH	RB1#0	22.97	23.00	33	PASS
			RB1#13	22.96	22.99	33	PASS
			RB1#24	22.97	23.00	33	PASS
			RB12#0	21.66	21.69	33	PASS
	RB12#6		21.59	21.62	33	PASS	
	RB12#1 3		21.72	21.75	33	PASS	
	RB25#0	21.54	21.57	33	PASS		
	10	LCH	RB1#0	22.83	22.86	33	PASS
			RB1#25	22.64	22.67	33	PASS
			RB1#49	22.77	22.80	33	PASS
			RB25#0	21.67	21.70	33	PASS
			RB25#1 3	21.72	21.75	33	PASS
			RB25#2 5	21.7	21.73	33	PASS
			RB50#0	21.64	21.67	33	PASS
		MCH	RB1#0	22.57	22.60	33	PASS
			RB1#25	22.47	22.50	33	PASS



				RB1#49	22.63	22.66	33	PASS	
				RB25#0	21.58	21.61	33	PASS	
				RB25#1 3	21.61	21.64	33	PASS	
				RB25#2 5	21.56	21.59	33	PASS	
				RB50#0	21.58	21.61	33	PASS	
			HCH	RB1#0	22.59	22.62	33	PASS	
				RB1#25	22.57	22.60	33	PASS	
				RB1#49	22.74	22.77	33	PASS	
				RB25#0	21.44	21.47	33	PASS	
				RB25#1 3	21.46	21.49	33	PASS	
				RB25#2 5	21.47	21.50	33	PASS	
			15	LCH	RB50#0	21.54	21.57	33	PASS
					RB1#0	22.55	22.58	33	PASS
					RB1#38	22.77	22.80	33	PASS
					RB1#74	22.56	22.59	33	PASS
		RB38#0			21.68	21.71	33	PASS	
		RB38#1 9			21.71	21.74	33	PASS	
		RB38#3 9			21.66	21.69	33	PASS	
		MCH		RB75#0	21.59	21.62	33	PASS	
				RB1#0	22.84	22.87	33	PASS	
				RB1#38	22.93	22.96	33	PASS	
				RB1#74	22.76	22.79	33	PASS	
				RB38#0	21.58	21.61	33	PASS	
				RB38#1 9	21.64	21.67	33	PASS	
				RB38#3 9	21.56	21.59	33	PASS	
		HCH		RB75#0	21.53	21.56	33	PASS	
			RB1#0	22.54	22.57	33	PASS		
			RB1#38	22.66	22.69	33	PASS		
			RB1#74	22.57	22.60	33	PASS		
			RB38#0	21.51	21.54	33	PASS		
		RB38#1 9	21.54	21.57	33	PASS			



			RB38#3 9	21.6	21.63	33	PASS
			RB75#0	21.49	21.52	33	PASS
	20	LCH	RB1#0	23.21	23.24	33	PASS
			RB1#50	22.6	22.63	33	PASS
			RB1#99	23.12	23.15	33	PASS
			RB50#0	21.65	21.68	33	PASS
			RB50#2 5	21.6	21.63	33	PASS
			RB50#5 0	21.58	21.61	33	PASS
			RB100# 0	21.62	21.65	33	PASS
			MCH	RB1#0	22.63	22.66	33
		RB1#50		22.05	22.08	33	PASS
		RB1#99		22.63	22.66	33	PASS
		RB50#0		21.55	21.58	33	PASS
		RB50#2 5		21.62	21.65	33	PASS
		RB50#5 0		21.58	21.61	33	PASS
		RB100# 0		21.54	21.57	33	PASS
		HCH	RB1#0	23.01	23.04	33	PASS
			RB1#50	22.8	22.83	33	PASS
			RB1#99	23.03	23.06	33	PASS
			RB50#0	21.58	21.61	33	PASS
			RB50#2 5	21.53	21.56	33	PASS
			RB50#5 0	21.56	21.59	33	PASS
			RB100# 0	21.47	21.50	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:

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

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed } 1\text{MHz}$$

$$\text{SET VBW} \geq 3 * \text{RBW}$$

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
BAND2	LTE/TM1	1.4	LCH	RB1#0	4.32	13	PASS
				RB1#3	4.53	13	PASS
				RB1#5	4.38	13	PASS
				RB3#0	5.01	13	PASS
				RB3#2	4.92	13	PASS
				RB3#3	5.11	13	PASS
				RB6#0	5.27	13	PASS
			MCH	RB1#0	4.66	13	PASS
				RB1#3	4.76	13	PASS
				RB1#5	4.59	13	PASS
				RB3#0	5.12	13	PASS
				RB3#2	5.21	13	PASS
				RB3#3	5.07	13	PASS
				RB6#0	5.78	13	PASS
		HCH	RB1#0	3.79	13	PASS	
			RB1#3	3.94	13	PASS	
			RB1#5	3.63	13	PASS	
			RB3#0	4.31	13	PASS	
			RB3#2	4.14	13	PASS	
			RB3#3	4.23	13	PASS	
			RB6#0	4.83	13	PASS	
		3	LCH	RB1#0	4.03	13	PASS
				RB1#7	4.48	13	PASS
				RB1#14	4.19	13	PASS
				RB8#0	5.09	13	PASS
				RB8#4	4.93	13	PASS
				RB8#7	5.14	13	PASS
				RB15#0	5.34	13	PASS
MCH	RB1#0		4.74	13	PASS		
	RB1#7		4.84	13	PASS		
	RB1#14		4.71	13	PASS		
	RB8#0		5.52	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB8#4	5.42	13	PASS
				RB8#7	5.44	13	PASS
				RB15#0	5.83	13	PASS
			HCH	RB1#0	3.83	13	PASS
				RB1#7	3.88	13	PASS
				RB1#14	3.45	13	PASS
				RB8#0	4.64	13	PASS
				RB8#4	4.42	13	PASS
				RB8#7	4.46	13	PASS
			LCH	RB15#0	5.14	13	PASS
				RB1#0	4.36	13	PASS
				RB1#13	4.36	13	PASS
				RB1#24	4.46	13	PASS
				RB12#0	4.98	13	PASS
				RB12#6	4.83	13	PASS
		RB12#13		5.04	13	PASS	
		MCH	RB25#0	5.52	13	PASS	
			RB1#0	4.99	13	PASS	
			RB1#13	4.93	13	PASS	
			RB1#24	4.93	13	PASS	
			RB12#0	5.3	13	PASS	
			RB12#6	5.24	13	PASS	
			RB12#13	5.34	13	PASS	
		HCH	RB25#0	5.66	13	PASS	
			RB1#0	4.49	13	PASS	
			RB1#13	4.09	13	PASS	
			RB1#24	3.79	13	PASS	
			RB12#0	4.93	13	PASS	
			RB12#6	4.7	13	PASS	
			RB12#13	4.59	13	PASS	
10	LCH	RB25#0	5.3	13	PASS		
		RB1#0	4.29	13	PASS		
		RB1#25	4.52	13	PASS		
		RB1#49	4.36	13	PASS		
		RB25#0	5.11	13	PASS		
		RB25#13	5.07	13	PASS		
RB25#25	5.3	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#0	5.69	13	PASS	
			MCH	RB1#0	4.7	13	PASS	
				RB1#25	4.71	13	PASS	
				RB1#49	4.62	13	PASS	
				RB25#0	5.59	13	PASS	
				RB25#13	5.44	13	PASS	
				RB25#25	5.56	13	PASS	
				RB50#0	5.79	13	PASS	
			HCH	RB1#0	4.31	13	PASS	
				RB1#25	3.99	13	PASS	
				RB1#49	3.62	13	PASS	
				RB25#0	5.43	13	PASS	
				RB25#13	5.1	13	PASS	
				RB25#25	4.94	13	PASS	
		RB50#0		5.48	13	PASS		
		15	LCH		RB1#0	4.33	13	PASS
				RB1#38	4.48	13	PASS	
				RB1#74	4.65	13	PASS	
				RB38#0	5.25	13	PASS	
				RB38#19	5.13	13	PASS	
				RB38#39	5.43	13	PASS	
				RB75#0	5.92	13	PASS	
			MCH	RB1#0	4.96	13	PASS	
				RB1#38	4.71	13	PASS	
				RB1#74	4.79	13	PASS	
				RB38#0	5.73	13	PASS	
				RB38#19	5.51	13	PASS	
				RB38#39	5.67	13	PASS	
				RB75#0	6.08	13	PASS	
		HCH	RB1#0	4.82	13	PASS		
			RB1#38	4.61	13	PASS		
			RB1#74	4.11	13	PASS		
RB38#0	5.47		13	PASS				
RB38#19	5.24		13	PASS				
RB38#39	5.07		13	PASS				
RB75#0	5.83		13	PASS				
20	LCH	RB1#0	4.57	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#50	4.91	13	PASS	
				RB1#99	4.89	13	PASS	
				RB50#0	5.35	13	PASS	
				RB50#25	5.28	13	PASS	
				RB50#50	5.56	13	PASS	
				RB100#0	5.99	13	PASS	
			MCH	RB1#0	4.79	13	PASS	
				RB1#50	4.81	13	PASS	
				RB1#99	4.73	13	PASS	
				RB50#0	5.58	13	PASS	
				RB50#25	5.43	13	PASS	
				RB50#50	5.52	13	PASS	
			HCH	RB100#0	6.12	13	PASS	
				RB1#0	4.53	13	PASS	
				RB1#50	4.59	13	PASS	
				RB1#99	4.08	13	PASS	
				RB50#0	5.62	13	PASS	
				RB50#25	5.42	13	PASS	
	LCH	LCH	1.4	RB50#50	5.31	13	PASS	
				RB100#0	5.85	13	PASS	
				RB1#0	4.67	13	PASS	
				RB1#3	4.9	13	PASS	
				RB1#5	4.73	13	PASS	
				RB3#0	5.08	13	PASS	
				RB3#2	5.05	13	PASS	
				RB3#3	5.07	13	PASS	
				RB6#0	5.62	13	PASS	
				MCH	RB1#0	4.99	13	PASS
					RB1#3	5.1	13	PASS
					RB1#5	5	13	PASS
RB3#0	5.43	13	PASS					
RB3#2	5.49	13	PASS					
RB3#3	5.52	13	PASS					
HCH	RB6#0	6.61	13	PASS				
	RB1#0	3.88	13	PASS				
	RB1#3	4.43	13	PASS				
				RB1#5	3.77	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB3#0	4.56	13	PASS
				RB3#2	4.64	13	PASS
				RB3#3	4.58	13	PASS
				RB6#0	5.62	13	PASS
		3	LCH	RB1#0	4.75	13	PASS
				RB1#7	5.36	13	PASS
				RB1#14	4.88	13	PASS
				RB8#0	5.45	13	PASS
				RB8#4	5.46	13	PASS
				RB8#7	5.51	13	PASS
			RB15#0	5.86	13	PASS	
			MCH	RB1#0	5.79	13	PASS
				RB1#7	5.85	13	PASS
				RB1#14	5.6	13	PASS
				RB8#0	5.95	13	PASS
				RB8#4	5.9	13	PASS
				RB8#7	5.93	13	PASS
			RB15#0	6.4	13	PASS	
			HCH	RB1#0	4.35	13	PASS
				RB1#7	4.31	13	PASS
				RB1#14	3.97	13	PASS
				RB8#0	5.59	13	PASS
		RB8#4		5.35	13	PASS	
		RB8#7		5.31	13	PASS	
		RB15#0	5.95	13	PASS		
		5	LCH	RB1#0	4.89	13	PASS
				RB1#13	4.92	13	PASS
				RB1#24	5.04	13	PASS
				RB12#0	5.55	13	PASS
				RB12#6	5.49	13	PASS
RB12#13	5.68			13	PASS		
RB25#0	6.01		13	PASS			
MCH	RB1#0		4.96	13	PASS		
	RB1#13		4.91	13	PASS		
	RB1#24		4.89	13	PASS		
	RB12#0	6.03	13	PASS			
RB12#6	5.93	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#13	5.92	13	PASS
				RB25#0	6.45	13	PASS
			HCH	RB1#0	4.67	13	PASS
				RB1#13	4.37	13	PASS
				RB1#24	3.96	13	PASS
				RB12#0	5.77	13	PASS
				RB12#6	5.58	13	PASS
				RB12#13	5.44	13	PASS
			RB25#0	6.05	13	PASS	
			LCH	RB1#0	4.7	13	PASS
				RB1#25	5.15	13	PASS
				RB1#49	5.13	13	PASS
				RB25#0	5.75	13	PASS
				RB25#13	5.61	13	PASS
		RB25#25		5.86	13	PASS	
		RB50#0		6.23	13	PASS	
		MCH	RB1#0	5.38	13	PASS	
			RB1#25	5.71	13	PASS	
			RB1#49	5.45	13	PASS	
			RB25#0	6.14	13	PASS	
			RB25#13	6.01	13	PASS	
			RB25#25	6.17	13	PASS	
		RB50#0	6.7	13	PASS		
		HCH	RB1#0	5.05	13	PASS	
			RB1#25	5.05	13	PASS	
			RB1#49	4.16	13	PASS	
			RB25#0	6.37	13	PASS	
			RB25#13	6.03	13	PASS	
			RB25#25	5.96	13	PASS	
		RB50#0	6.54	13	PASS		
		15	LCH	RB1#0	4.99	13	PASS
				RB1#38	5.01	13	PASS
				RB1#74	5.38	13	PASS
RB38#0	5.79			13	PASS		
RB38#19	5.69			13	PASS		
RB38#39	5.99			13	PASS		
RB75#0	6.44			13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	5.29	13	PASS
				RB1#38	5.09	13	PASS
				RB1#74	5.17	13	PASS
				RB38#0	6.19	13	PASS
				RB38#19	6.01	13	PASS
				RB38#39	6.15	13	PASS
				RB75#0	6.8	13	PASS
			HCH	RB1#0	5.07	13	PASS
				RB1#38	4.67	13	PASS
				RB1#74	4.39	13	PASS
				RB38#0	6.51	13	PASS
				RB38#19	6.24	13	PASS
				RB38#39	6.11	13	PASS
				RB75#0	6.75	13	PASS
		20	LCH	RB1#0	4.64	13	PASS
				RB1#50	5.2	13	PASS
				RB1#99	5.11	13	PASS
				RB50#0	5.98	13	PASS
				RB50#25	5.93	13	PASS
				RB50#50	6.09	13	PASS
				RB100#0	6.59	13	PASS
			MCH	RB1#0	5.23	13	PASS
				RB1#50	5.36	13	PASS
				RB1#99	5.12	13	PASS
				RB50#0	6.34	13	PASS
				RB50#25	6.15	13	PASS
				RB50#50	6.35	13	PASS
				RB100#0	6.65	13	PASS
HCH	RB1#0	5.24	13	PASS			
	RB1#50	5.12	13	PASS			
	RB1#99	4.33	13	PASS			
	RB50#0	6.65	13	PASS			
	RB50#25	6.44	13	PASS			
	RB50#50	6.34	13	PASS			
	RB100#0	6.75	13	PASS			



3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = BAND2

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



CMW 500 V 3.7.10 - LTE Measurement - V3.7.10 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 41.00 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20
Out of Tolerance: 0.00 %
Detected Modulation: QPSK
Detected Channel Type: PUSCH
View Filter Throughput: 100.0 %

PS: Connection Established RRC State: Connected

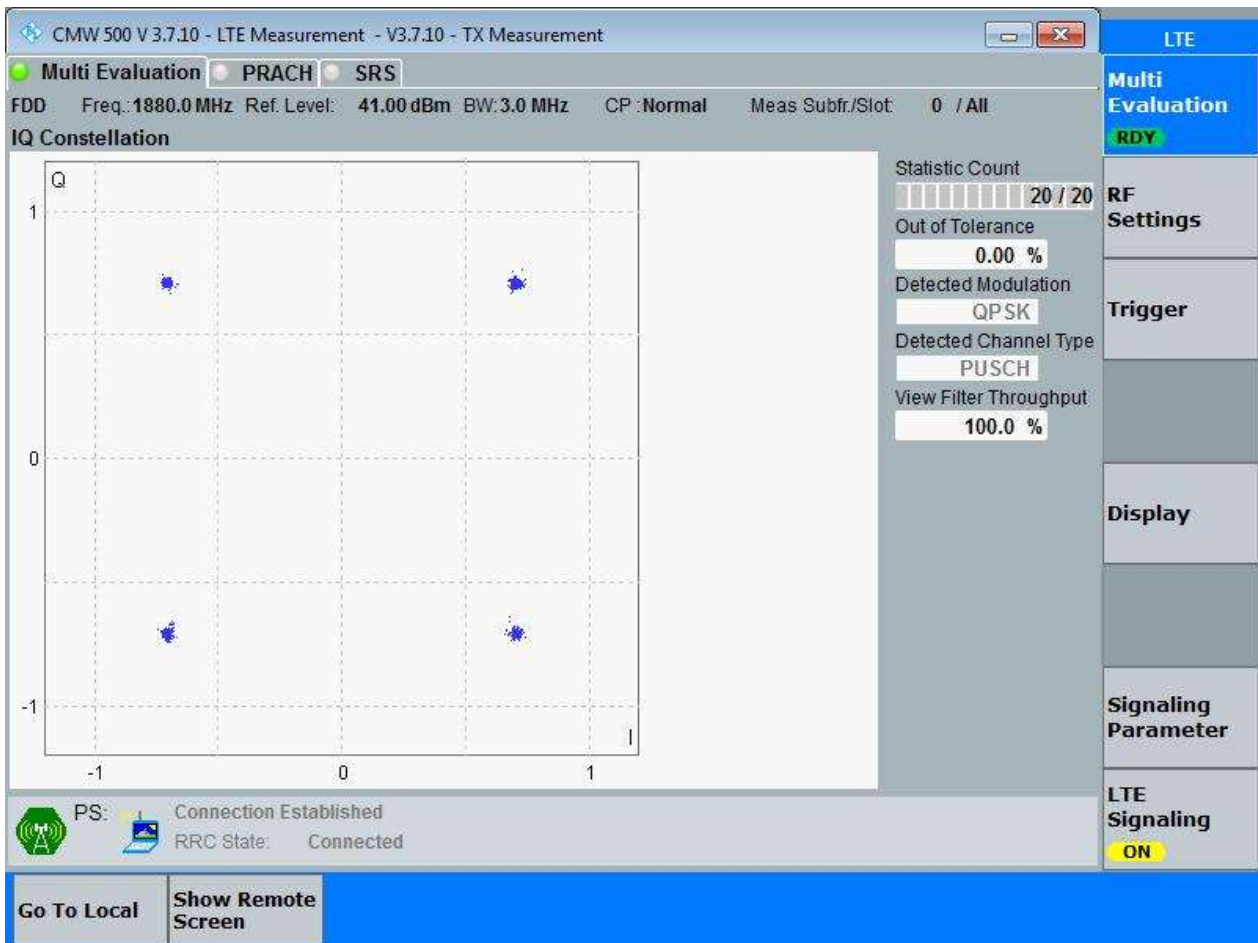
Go To Local Show Remote Screen

LTE
Multi Evaluation RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling ON

3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

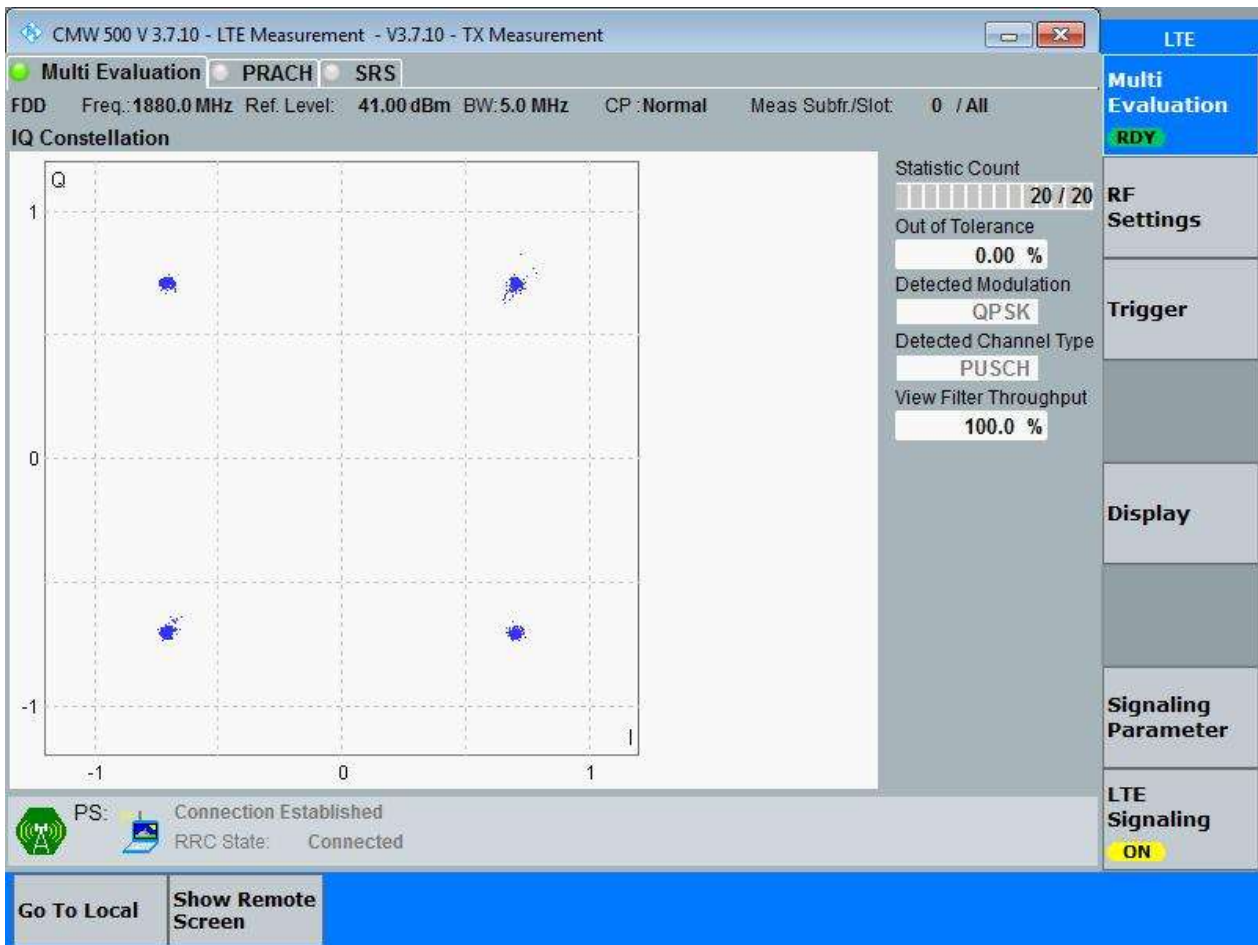
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

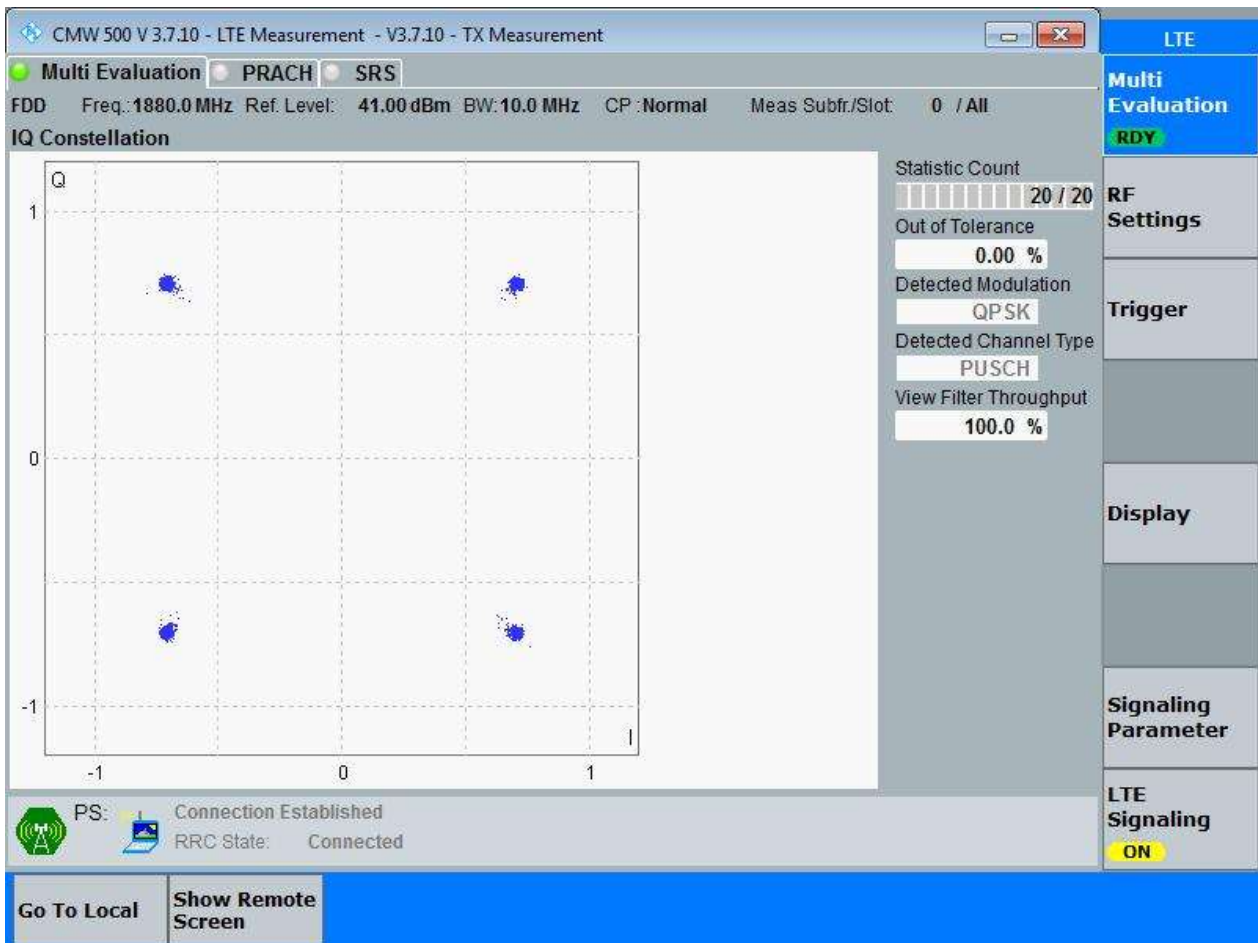
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

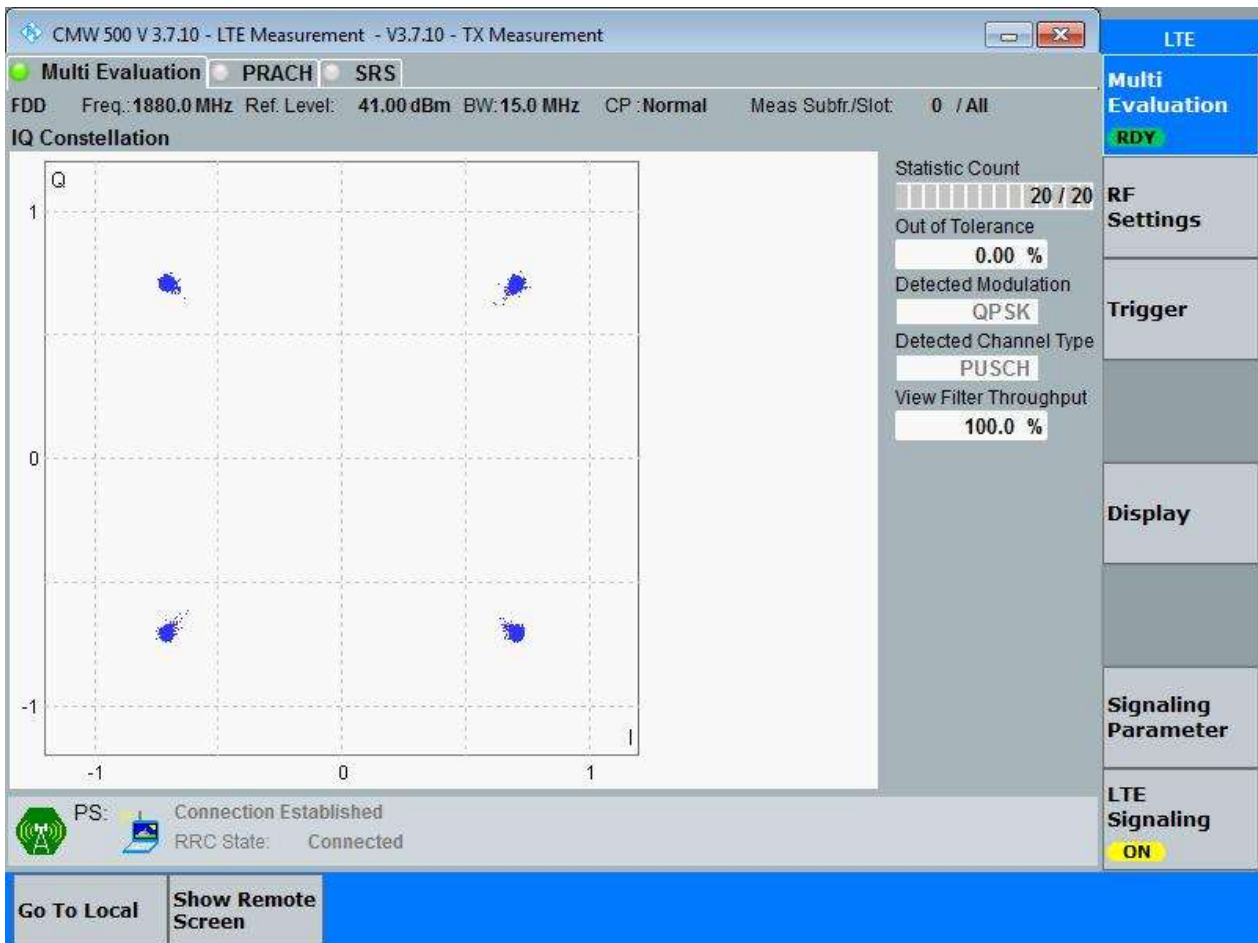
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

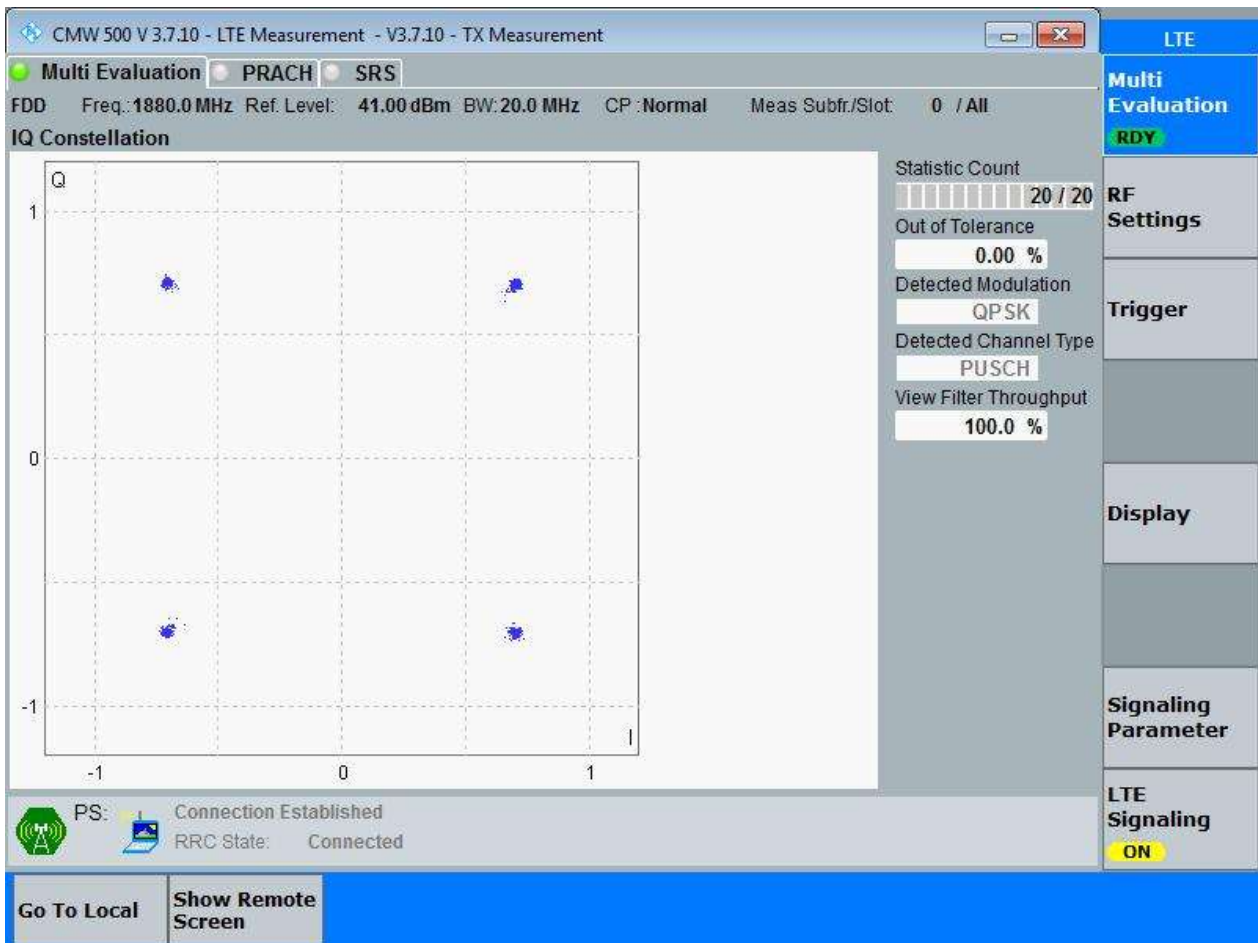
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

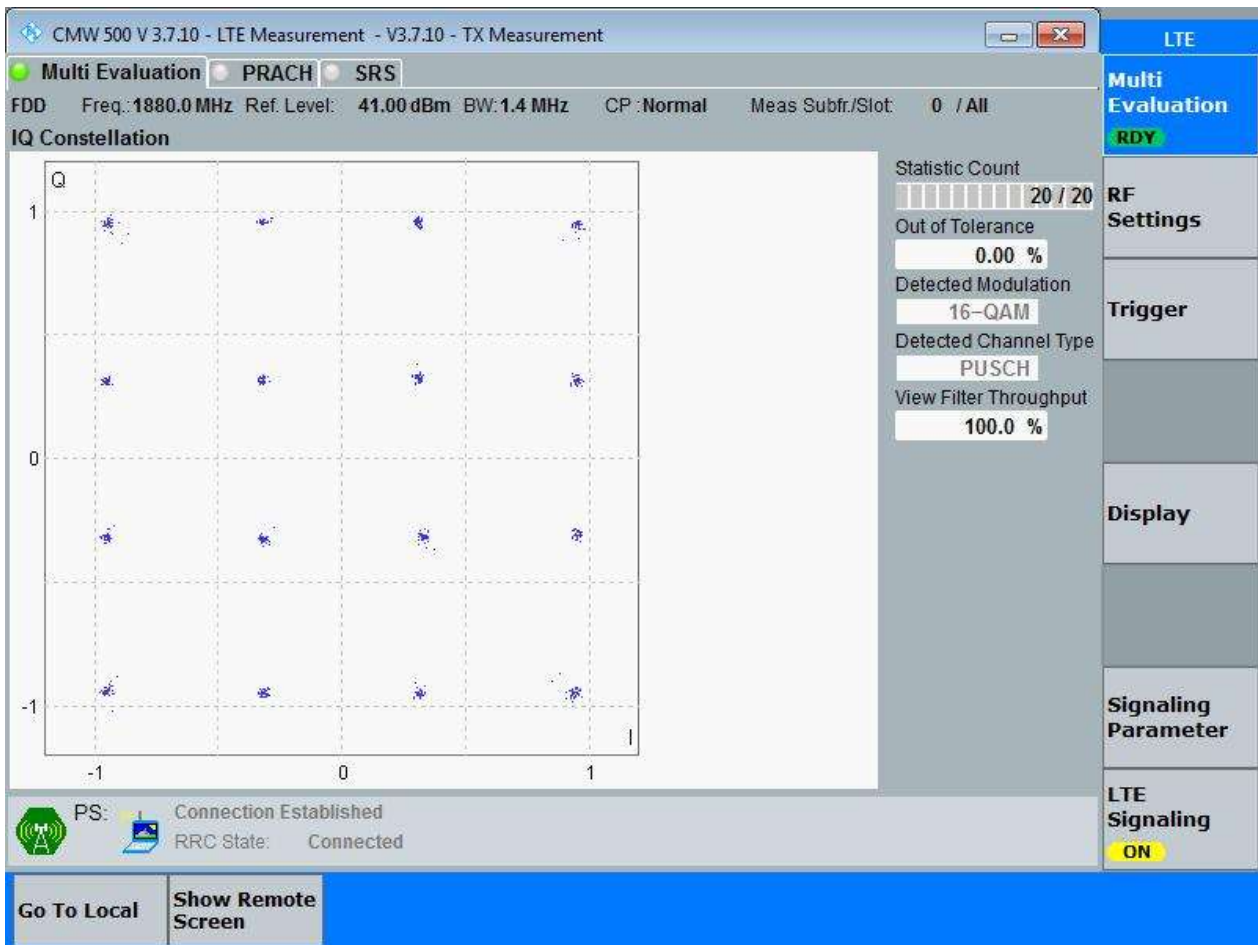


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

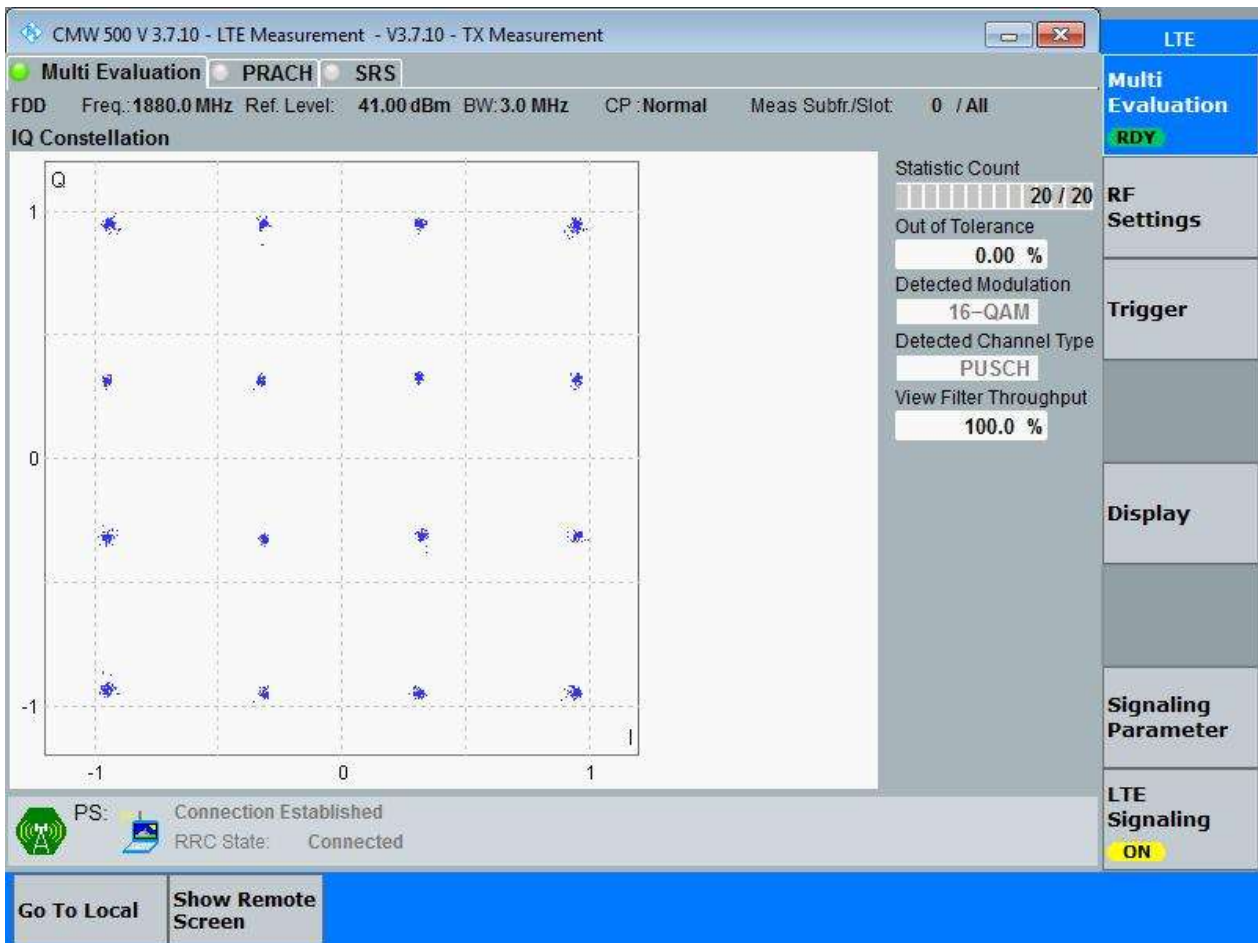
3.1.1.2.1.1.1 Test RB = RB#0



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

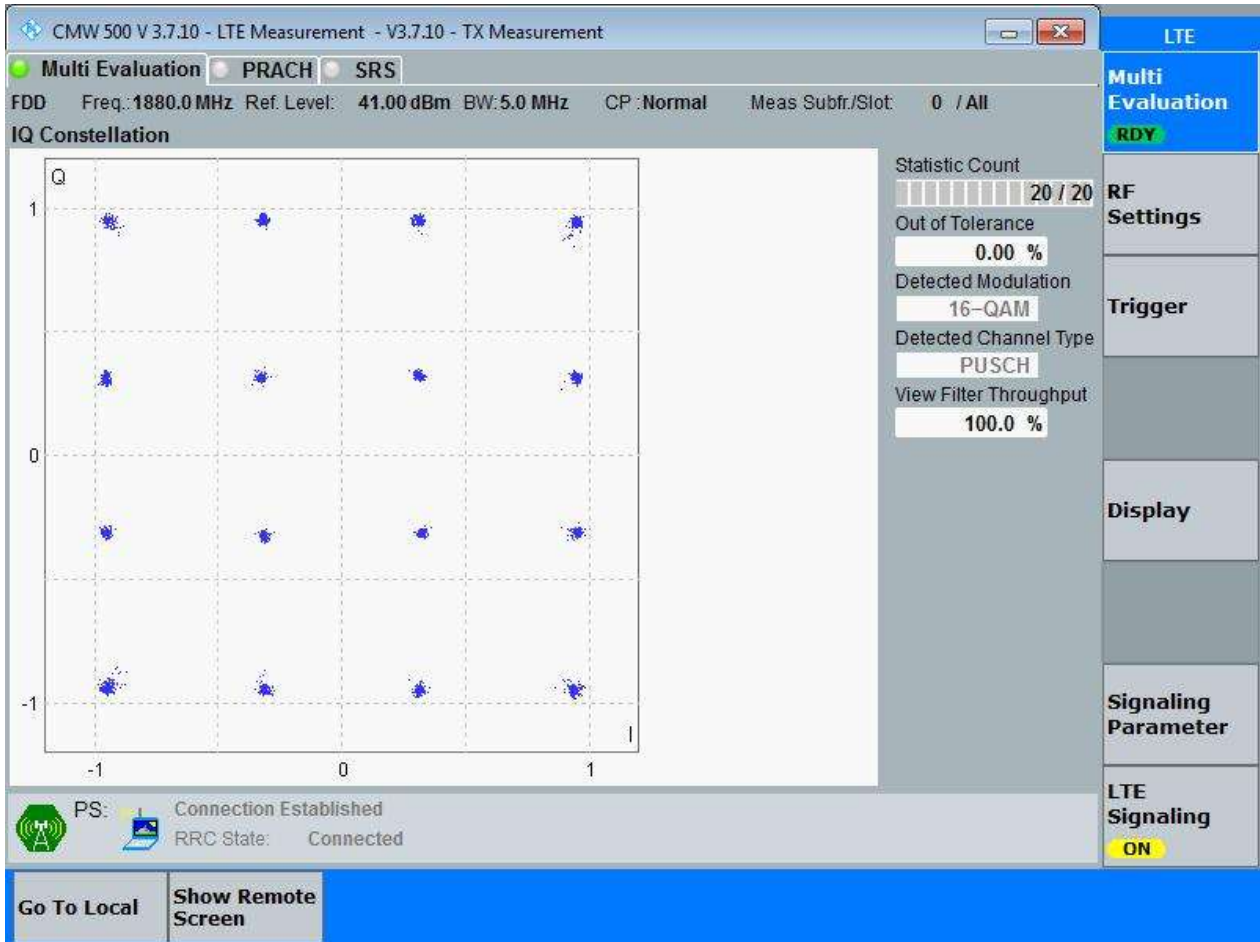




3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

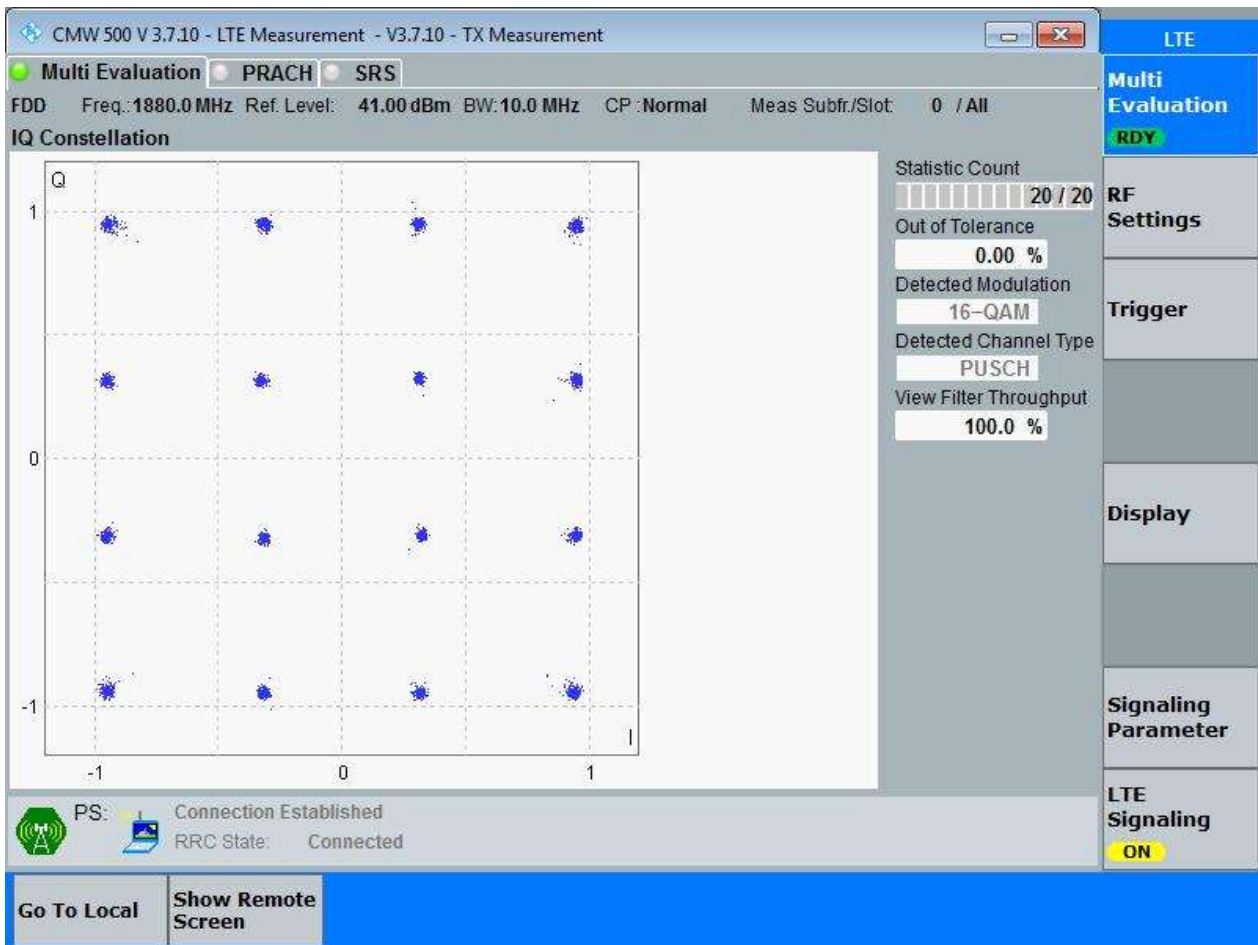
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

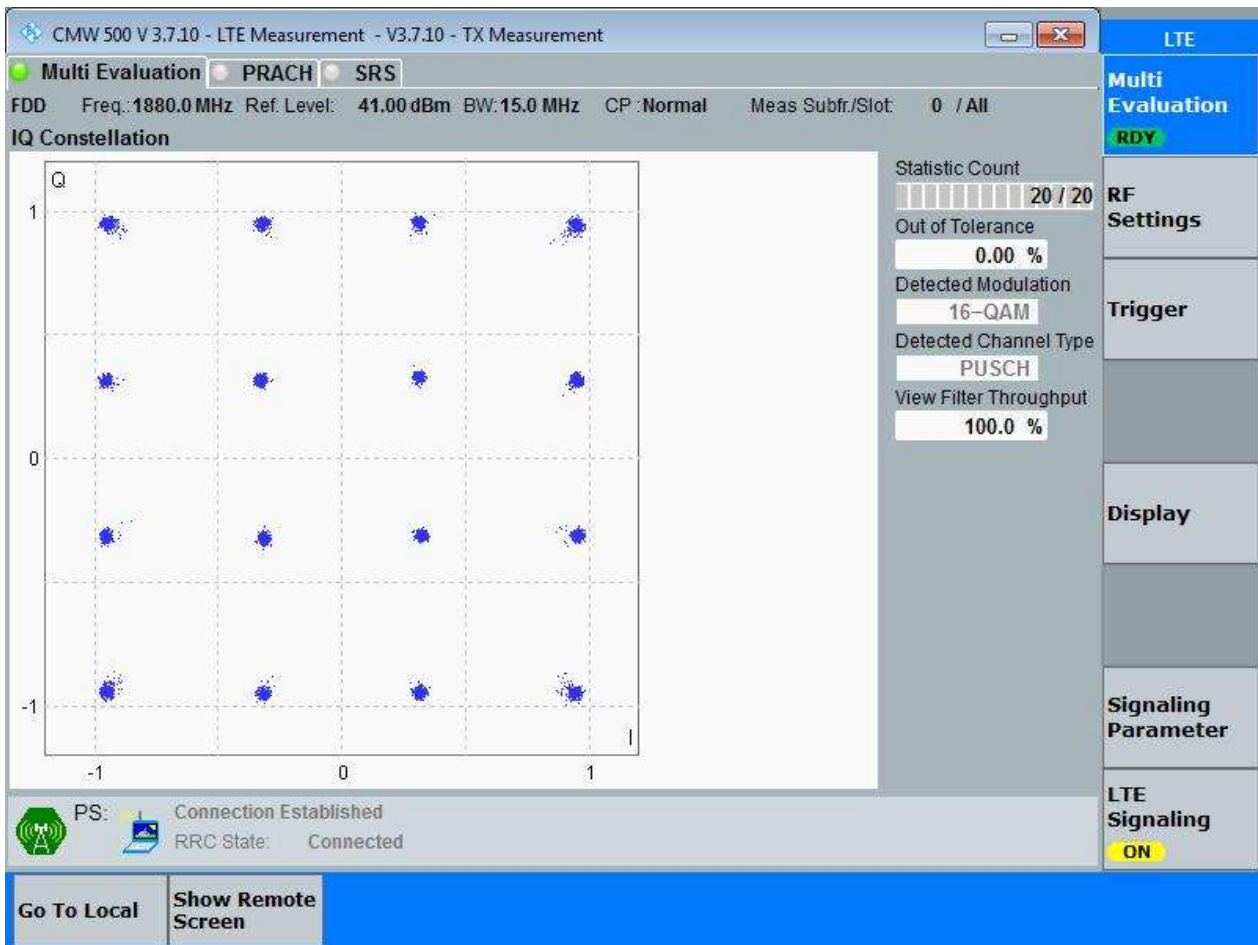
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

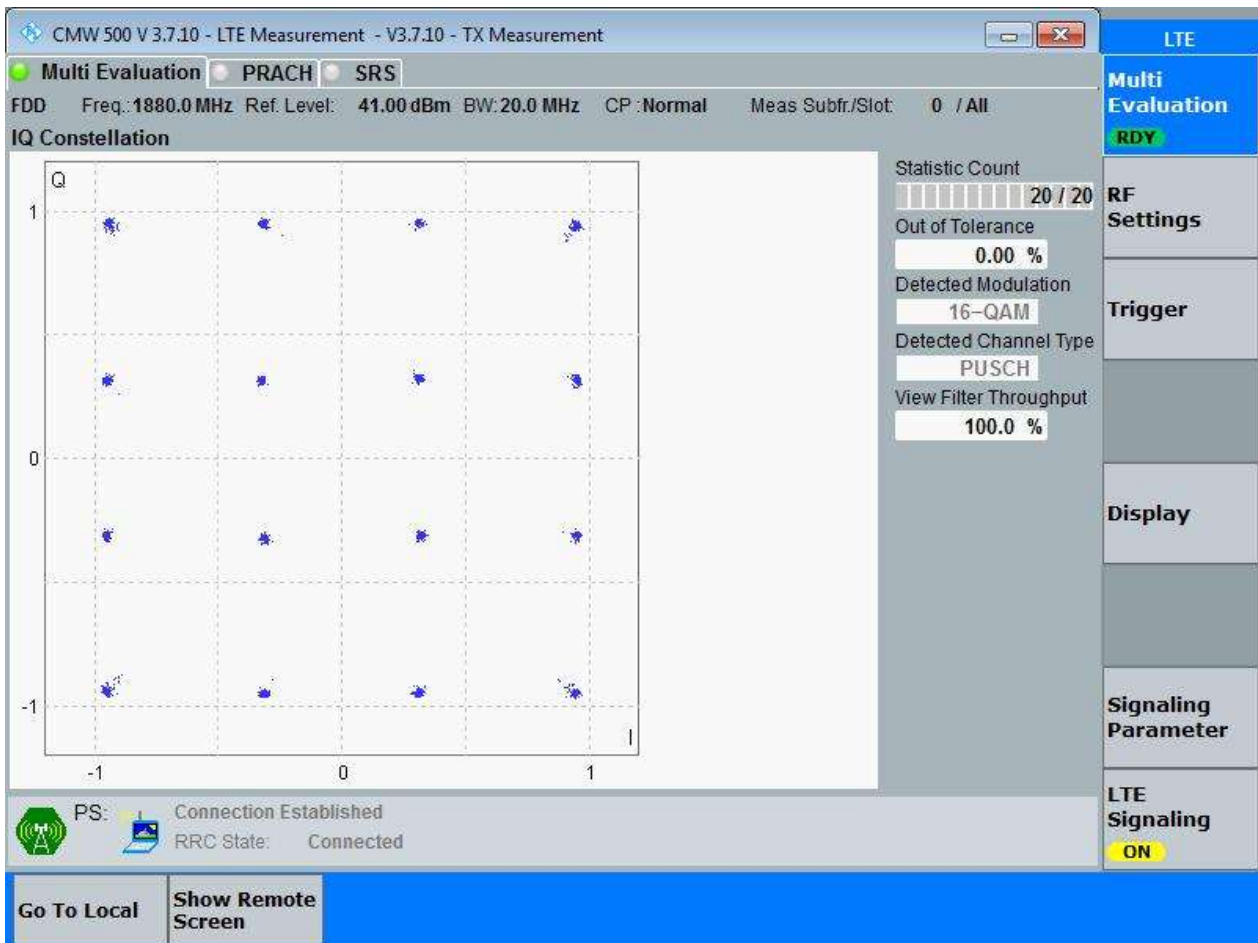
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 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
BAND2	LTE/TM1	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.26	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.70	2.99	Pass
		5	LCH	RB25#0	4.52	4.98	Pass
			MCH	RB25#0	4.52	4.99	Pass
			HCH	RB25#0	4.52	4.99	Pass
		10	LCH	RB50#0	9.00	9.93	Pass
			MCH	RB50#0	9.00	9.92	Pass
			HCH	RB50#0	9.02	10.00	Pass
		15	LCH	RB75#0	13.52	15.07	Pass
			MCH	RB75#0	13.51	15.01	Pass
			HCH	RB75#0	13.53	14.99	Pass
		20	LCH	RB100#0	17.97	19.75	Pass
			MCH	RB100#0	18.03	19.79	Pass
			HCH	RB100#0	18.02	19.80	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.72	2.99	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	3.01	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.53	4.99	Pass
			HCH	RB25#0	4.52	4.97	Pass
		10	LCH	RB50#0	9.02	9.93	Pass
			MCH	RB50#0	9.01	9.93	Pass
			HCH	RB50#0	9.02	10.11	Pass
15		LCH	RB75#0	13.49	15.00	Pass	
		MCH	RB75#0	13.51	15.07	Pass	
		HCH	RB75#0	13.51	15.00	Pass	
20		LCH	RB100#0	18.00	19.79	Pass	
		MCH	RB100#0	18.01	19.76	Pass	
		HCH	RB100#0	18.01	19.82	Pass	

Part II - Test Plots

4.1 For LTE

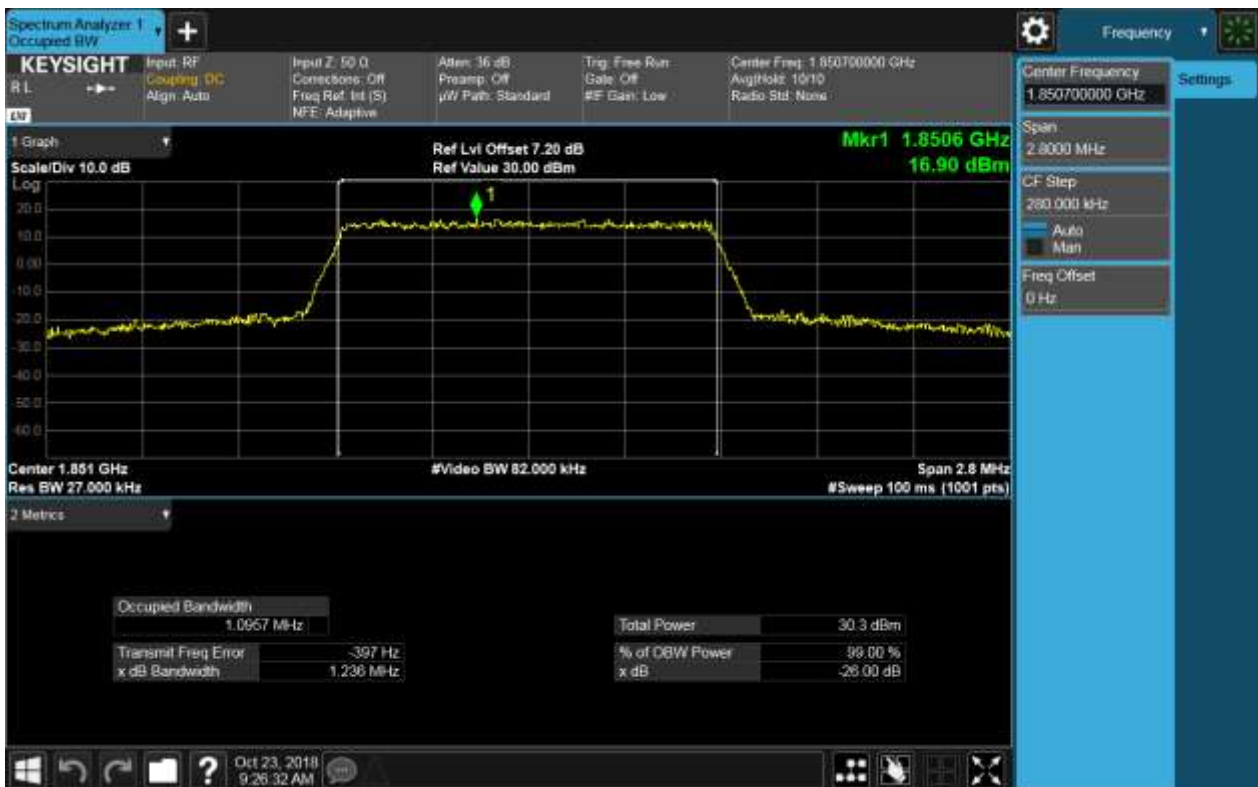
4.1.1 Test Band = BAND2

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



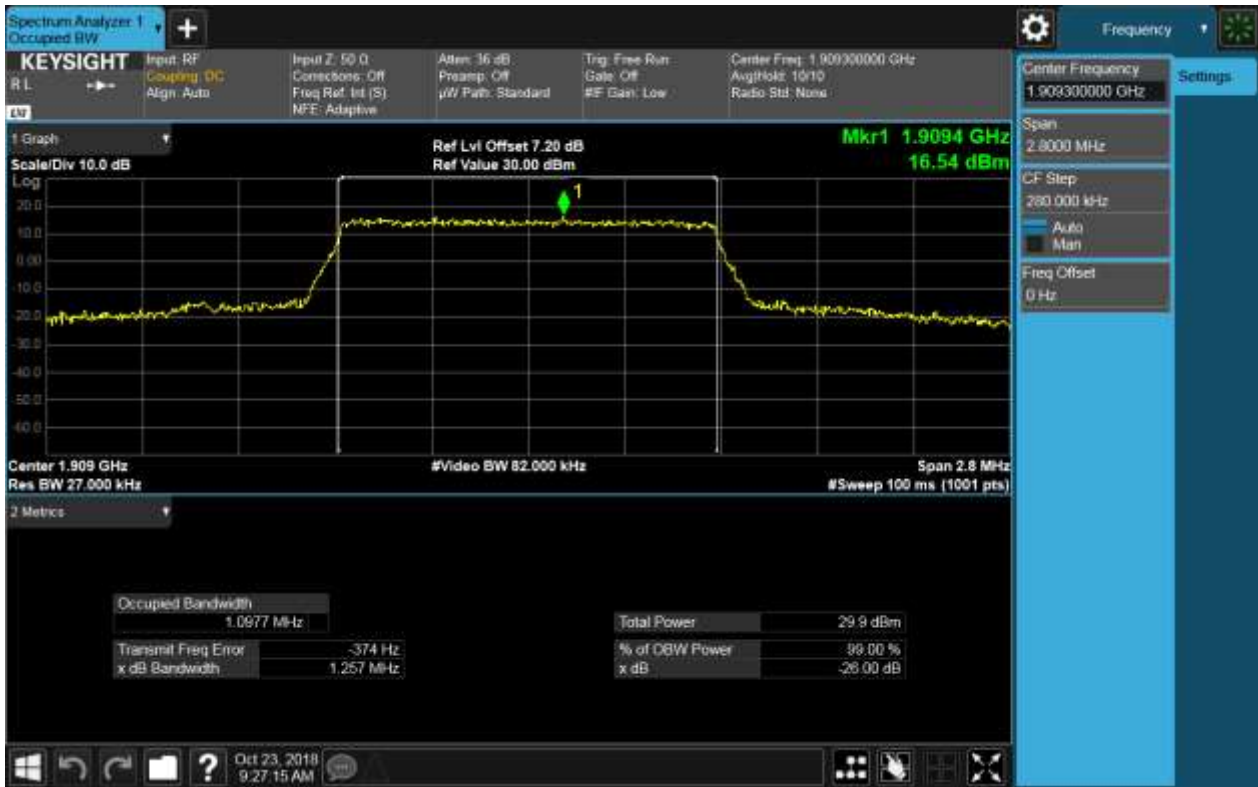
4.1.1.1.1.2 Test Channel = MCH

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

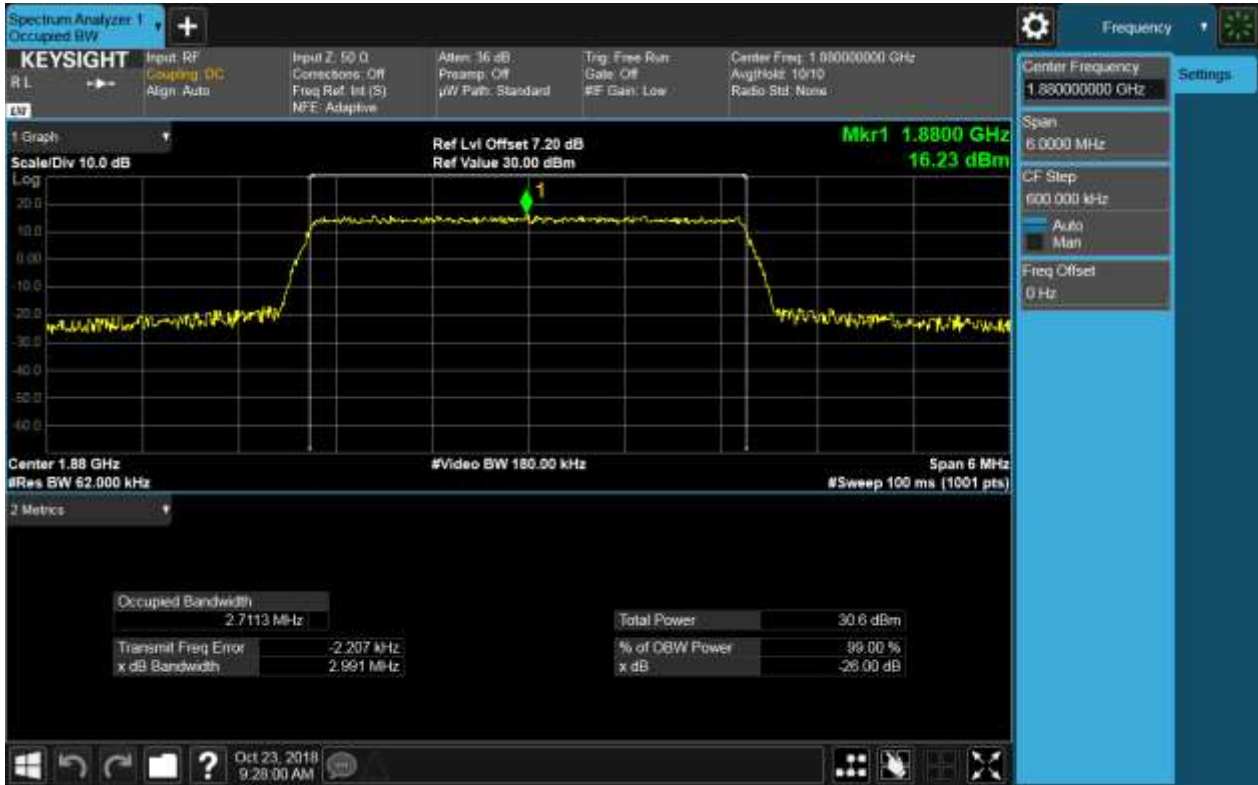
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



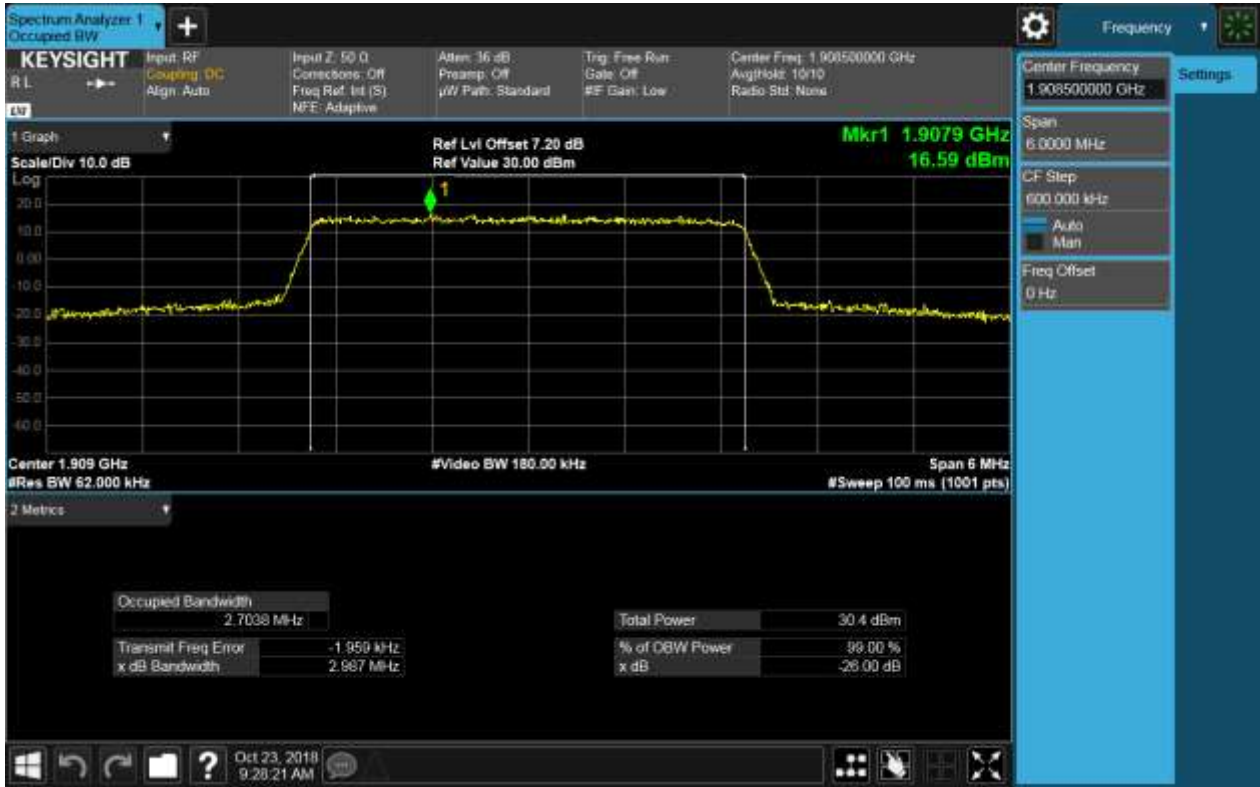
4.1.1.1.2.2 Test Channel = MCH

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

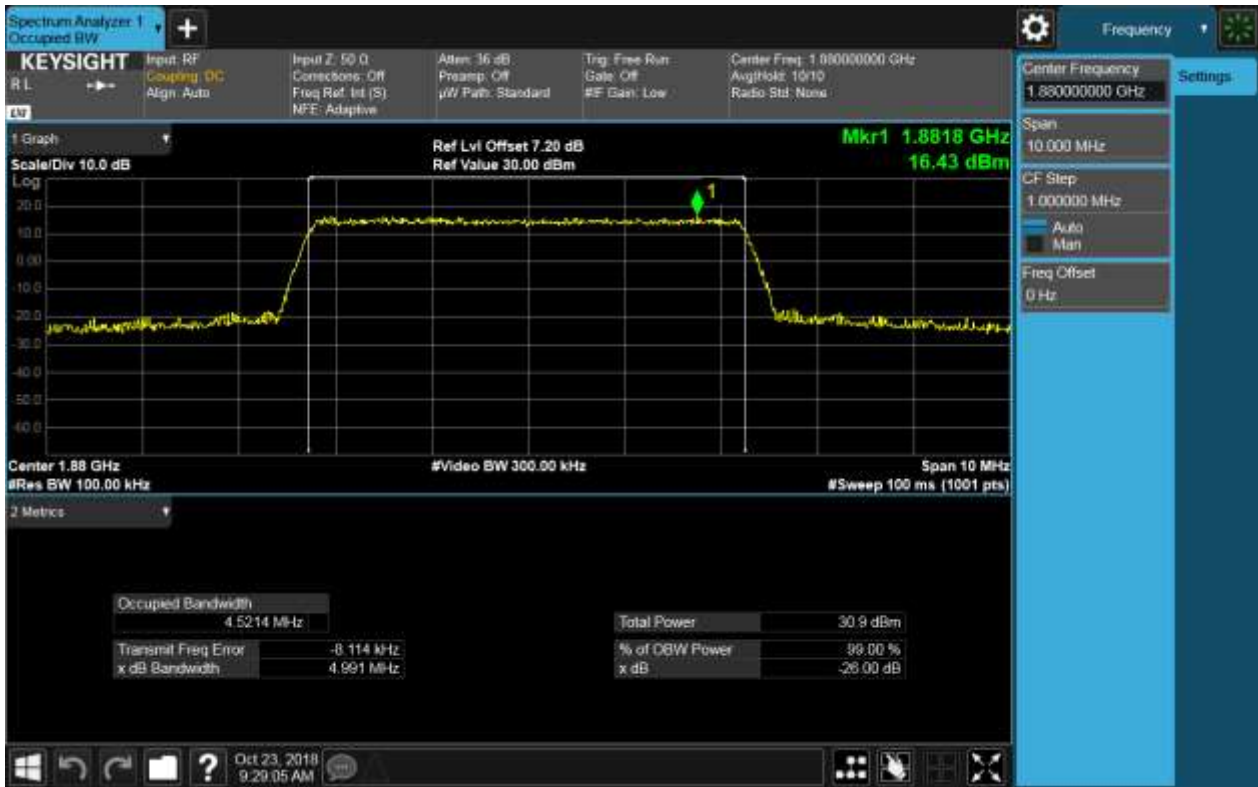
4.1.1.1.3.1 Test Channel = LCH

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

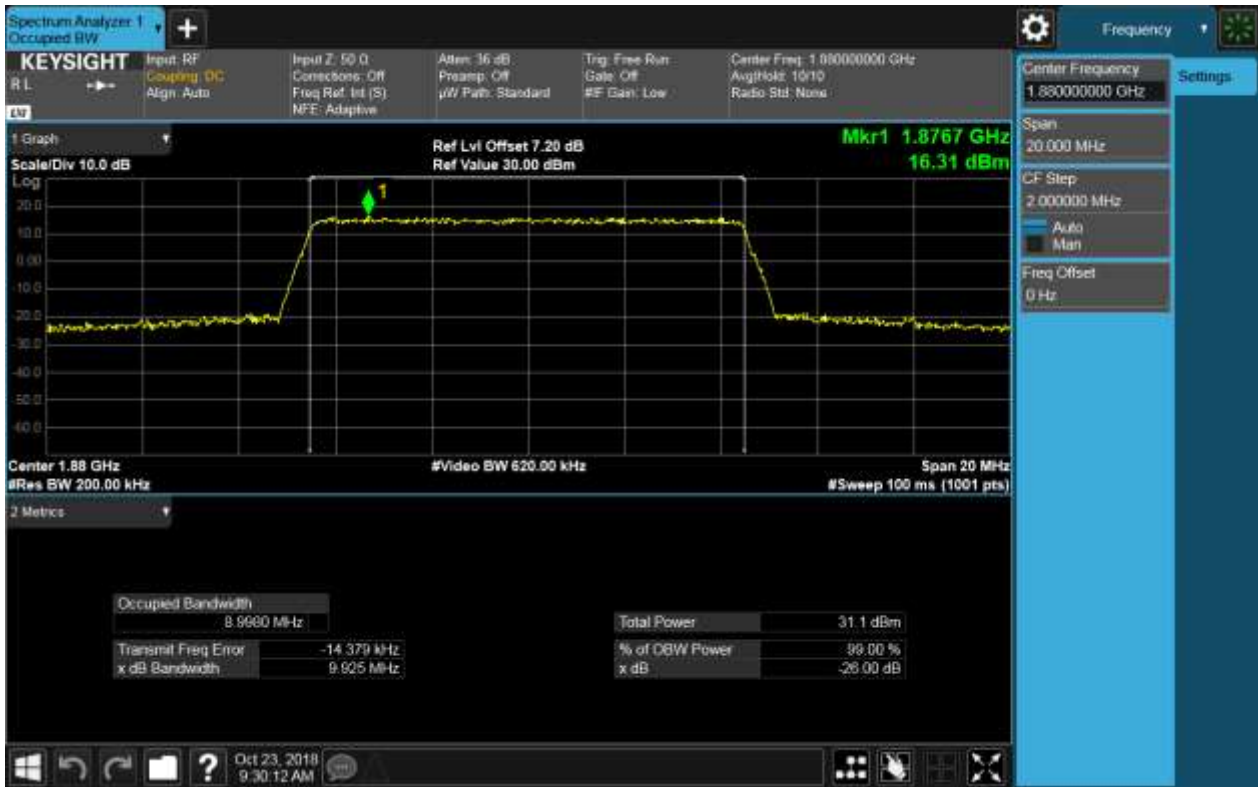
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



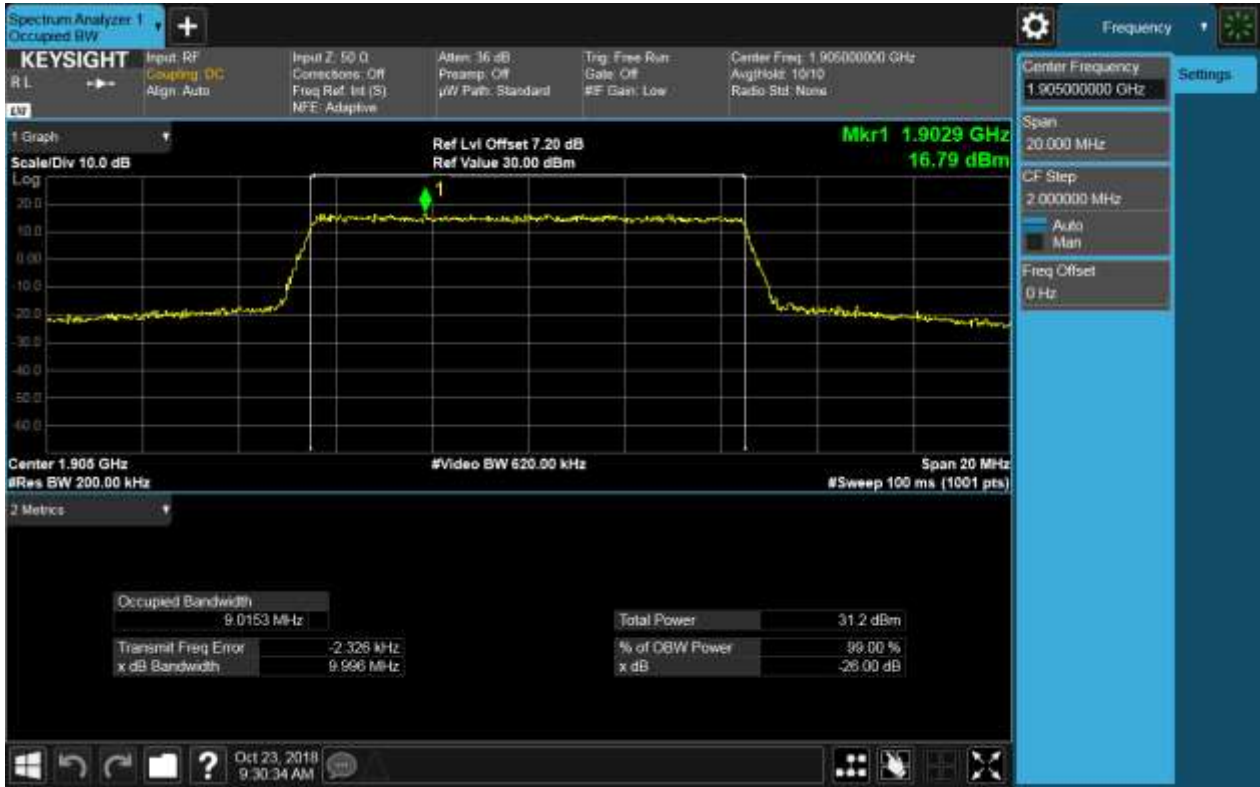
4.1.1.1.4.2 Test Channel = MCH

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



4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

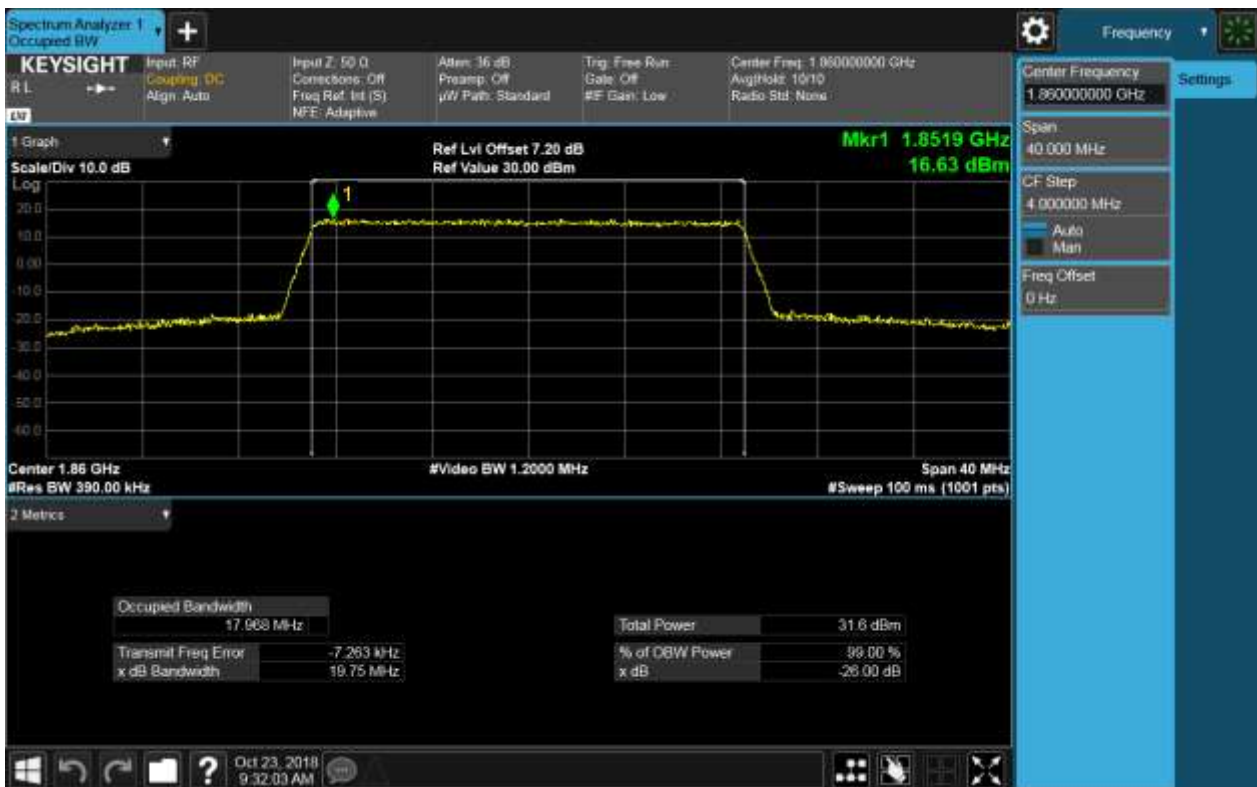
4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20

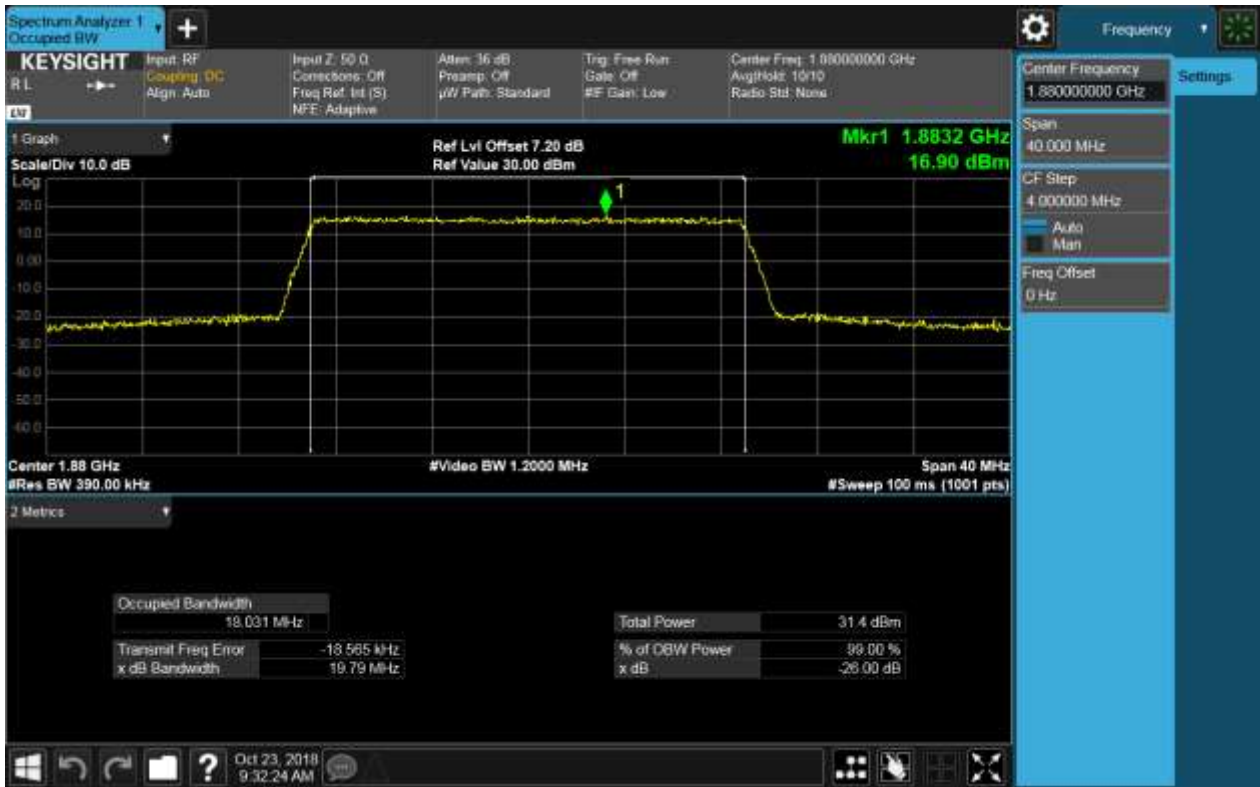
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0

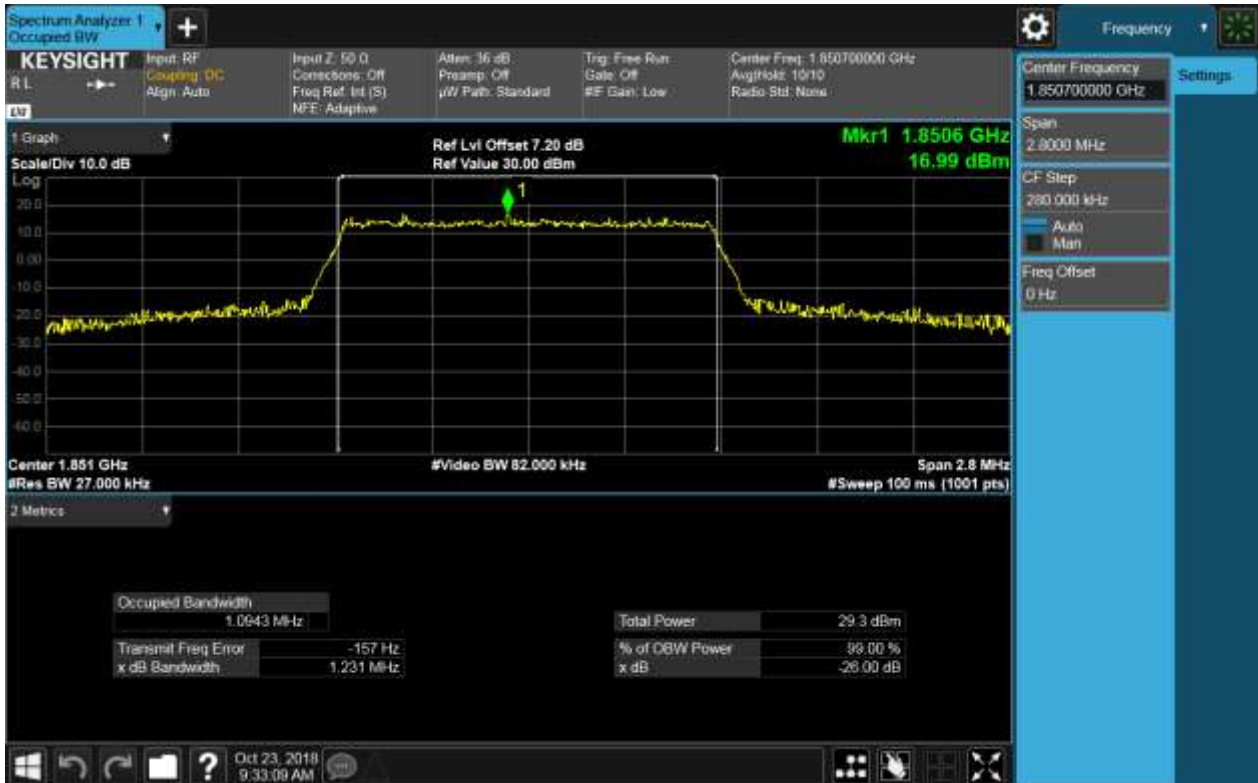


4.1.1.2 Test Mode = LTE/TM2

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

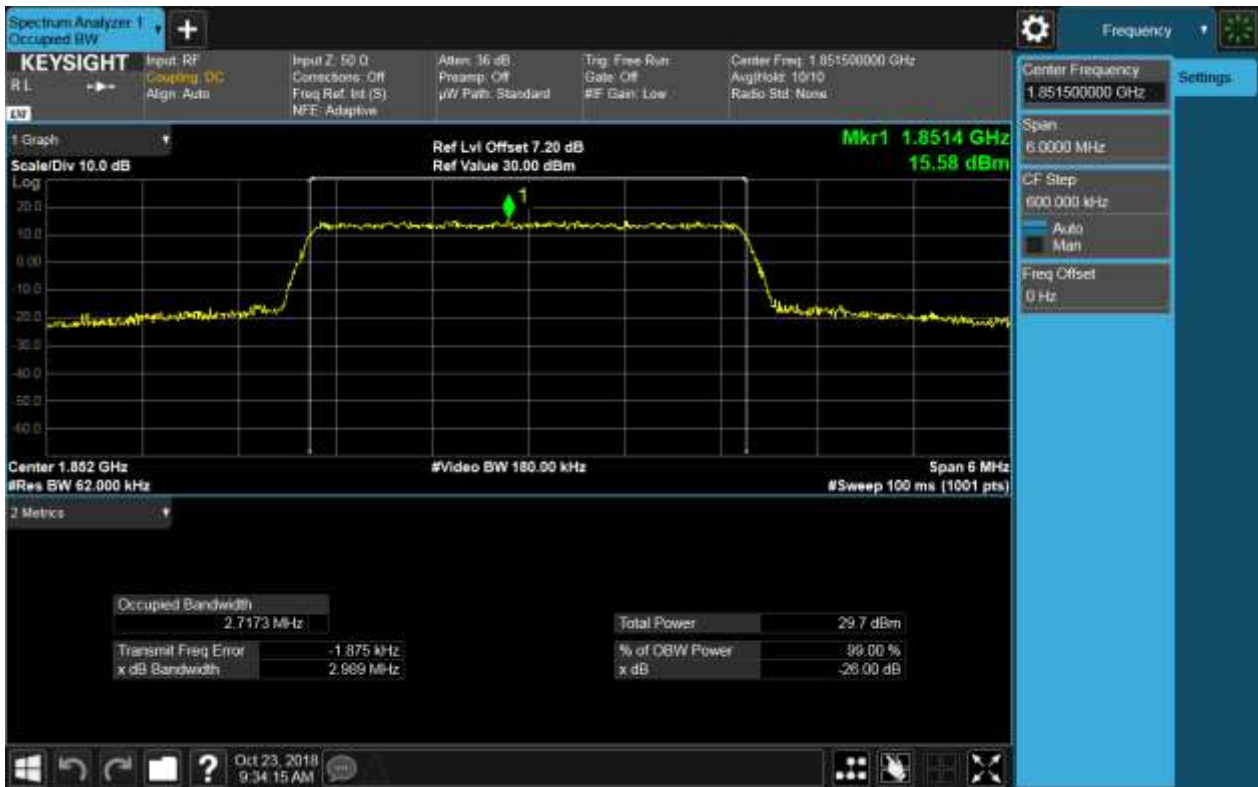
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

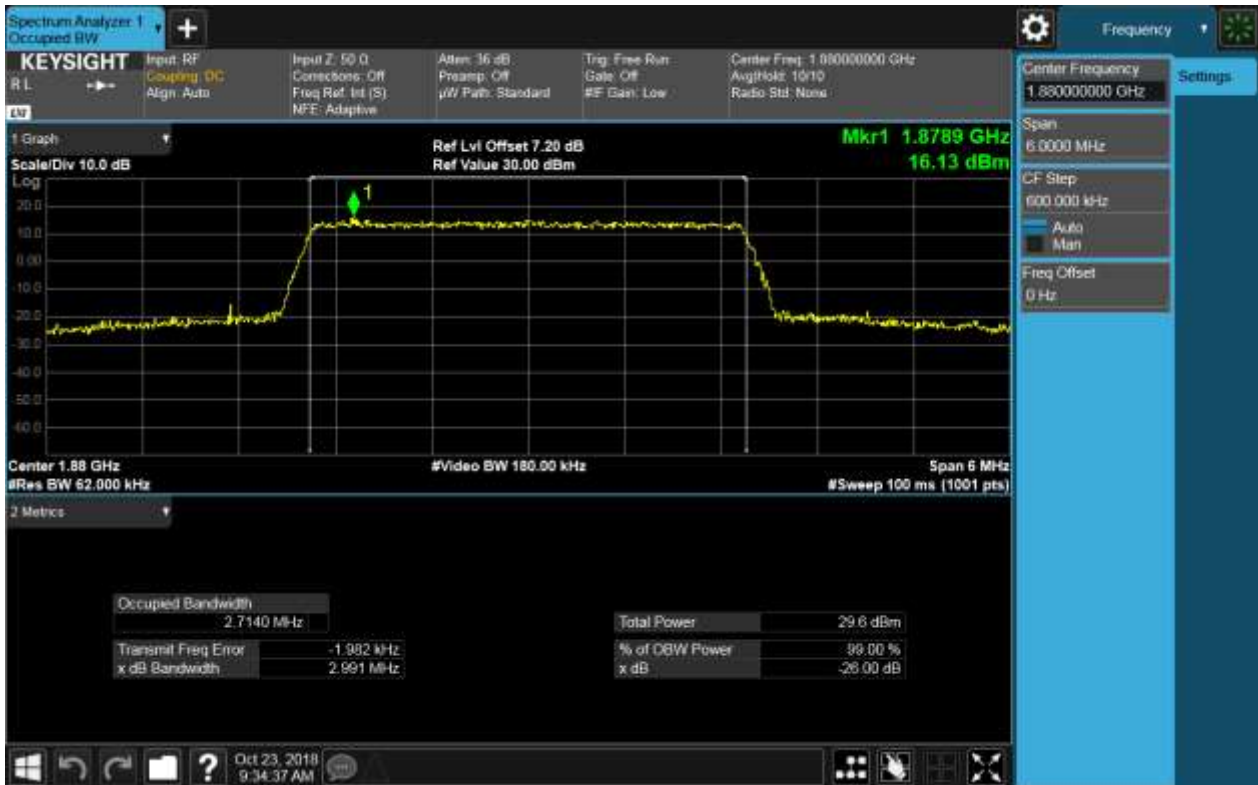
4.1.1.2.2.1 Test Channel = LCH

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



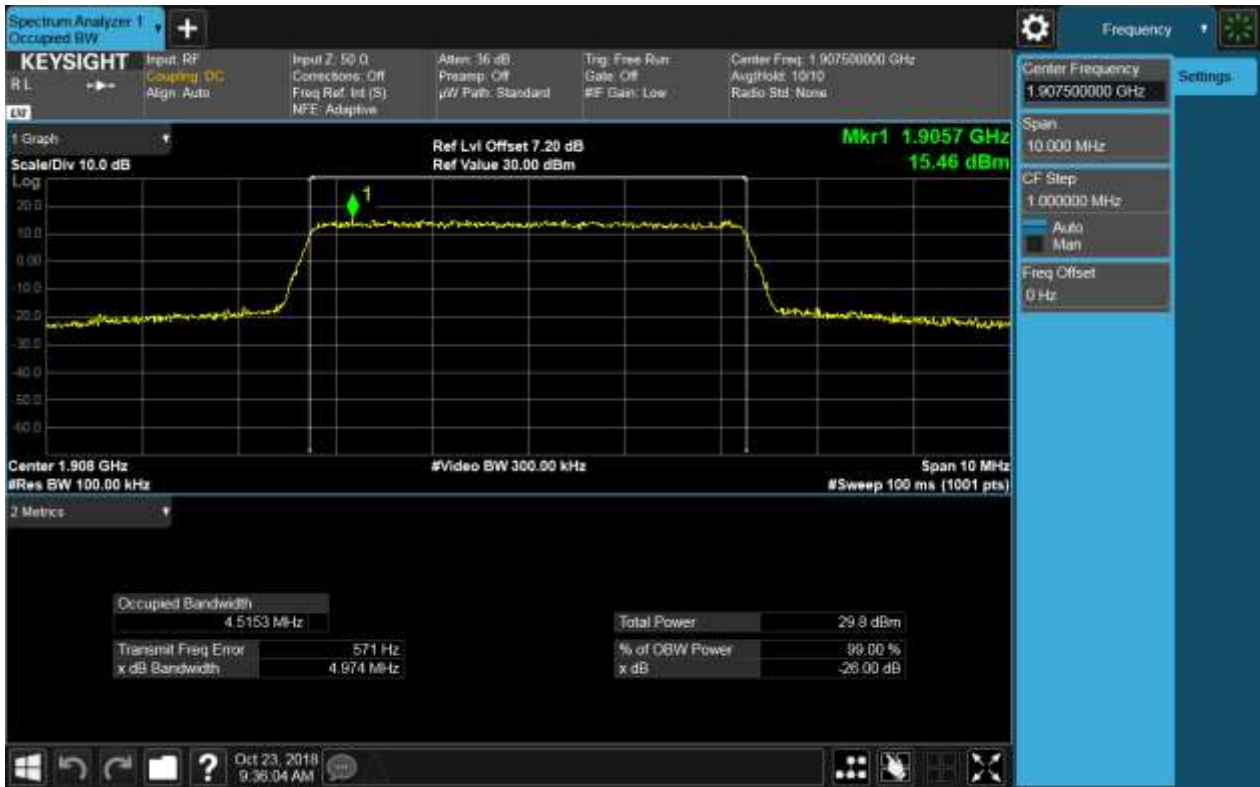
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

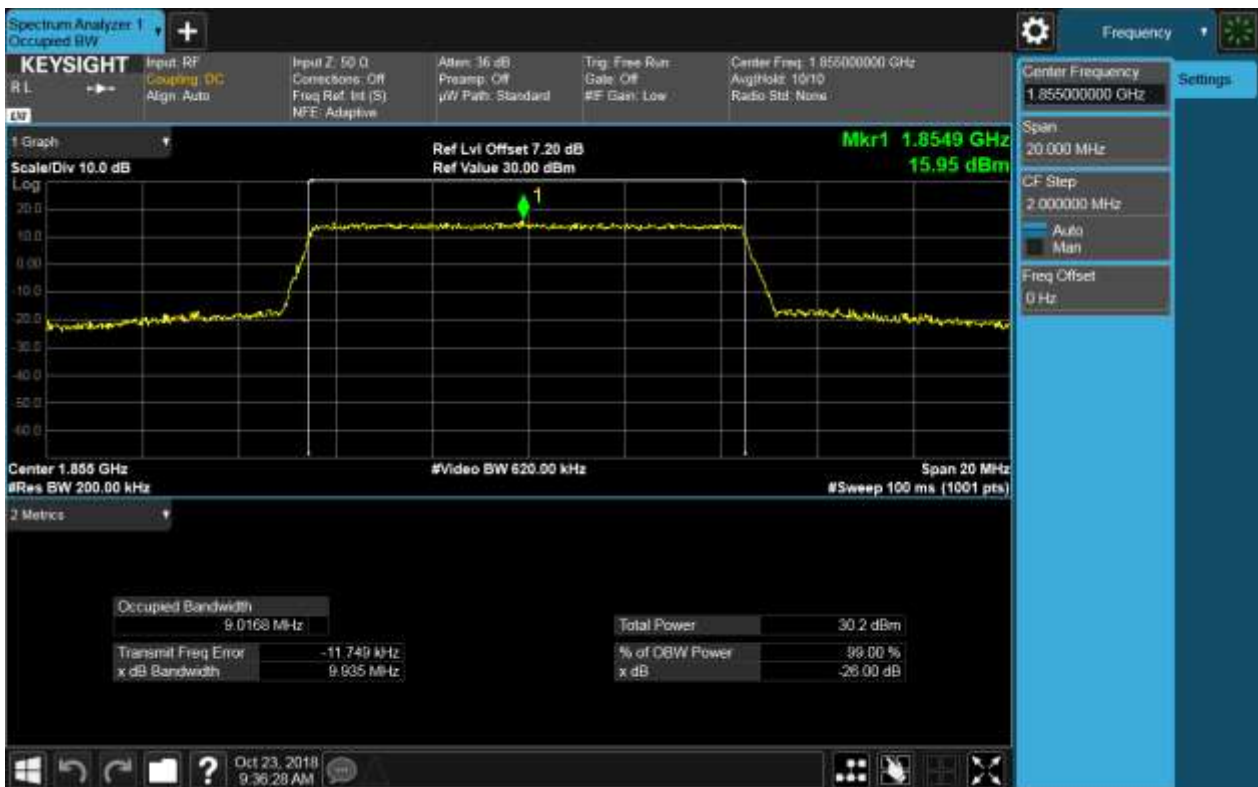
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

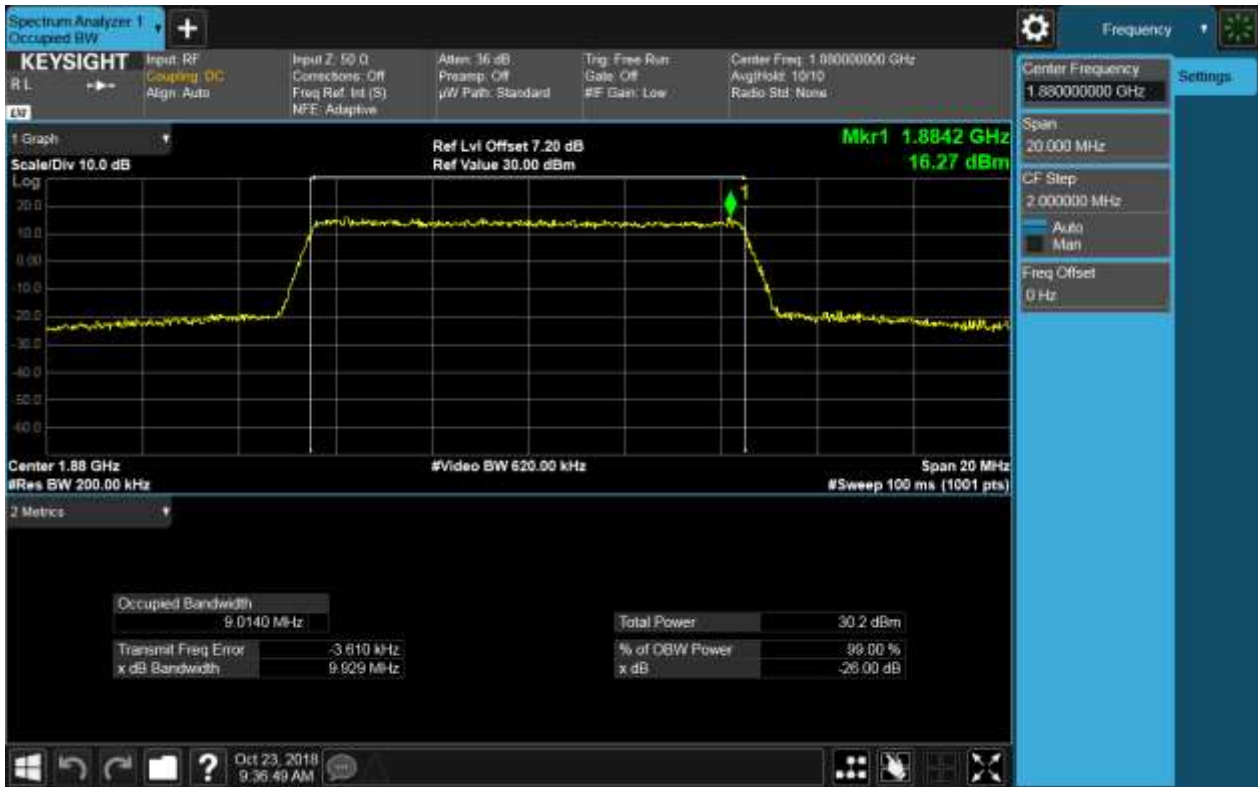
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



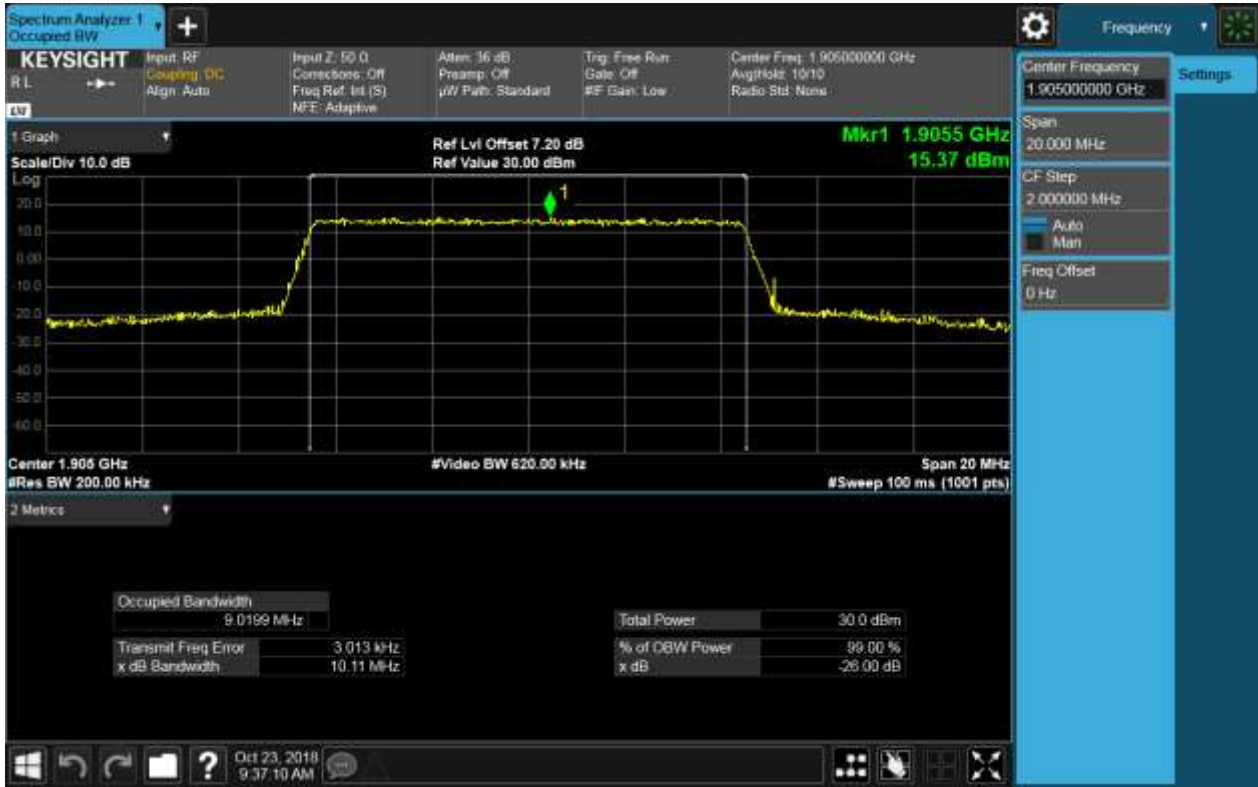
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

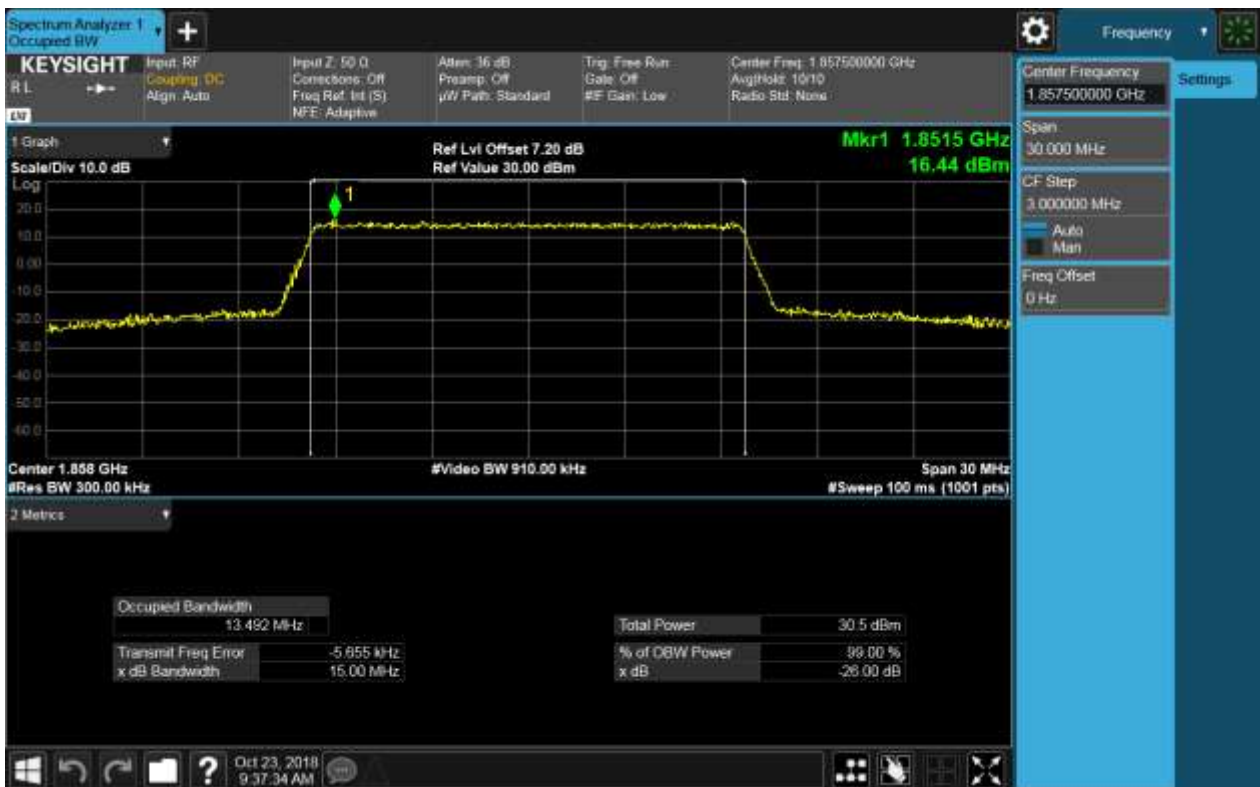
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

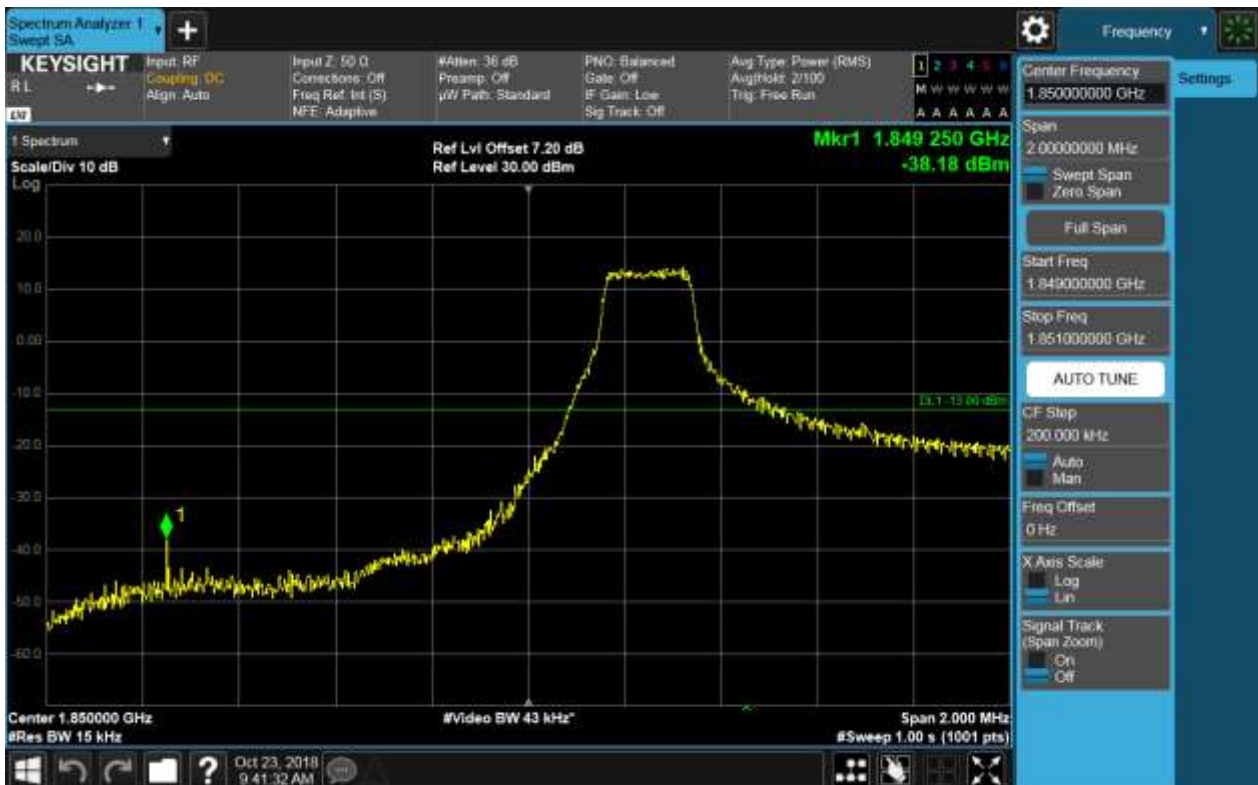
5.1.1 Test Band = BAND2

5.1.1.1 Test Mode = LTE/TM1

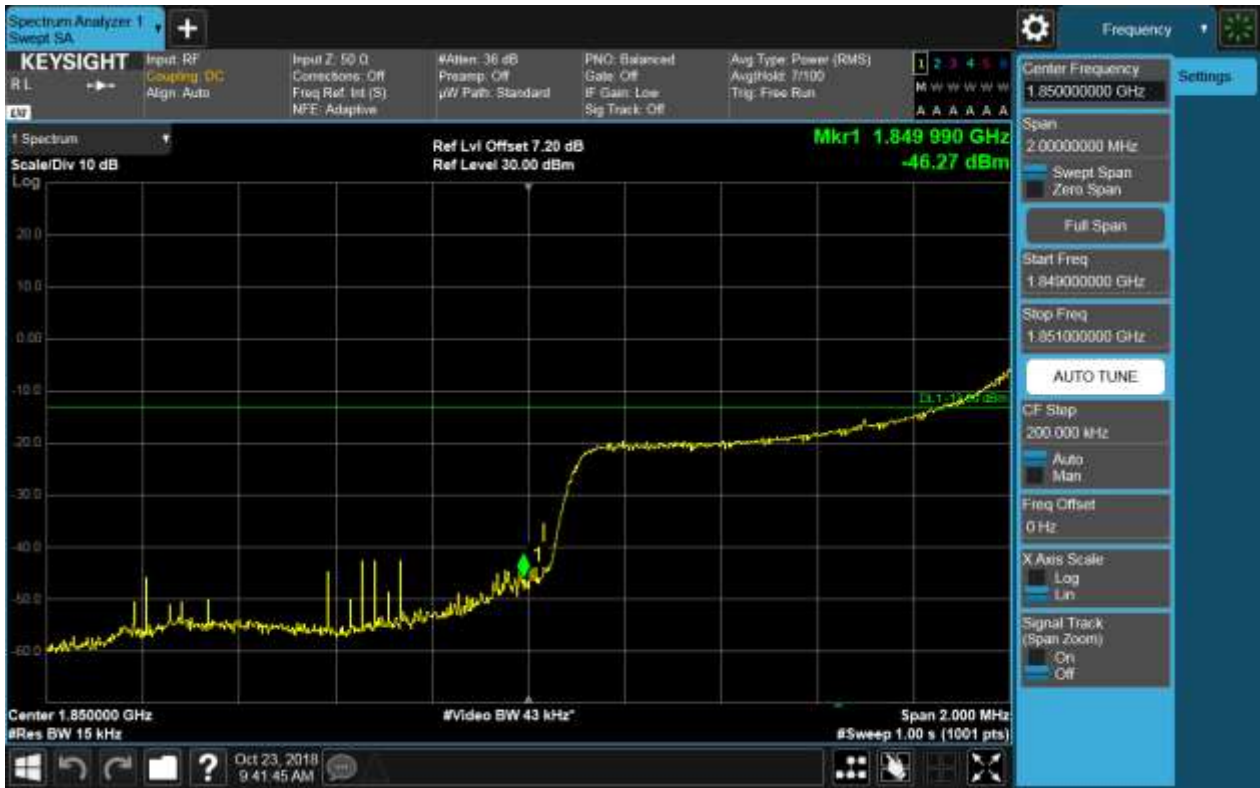
5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

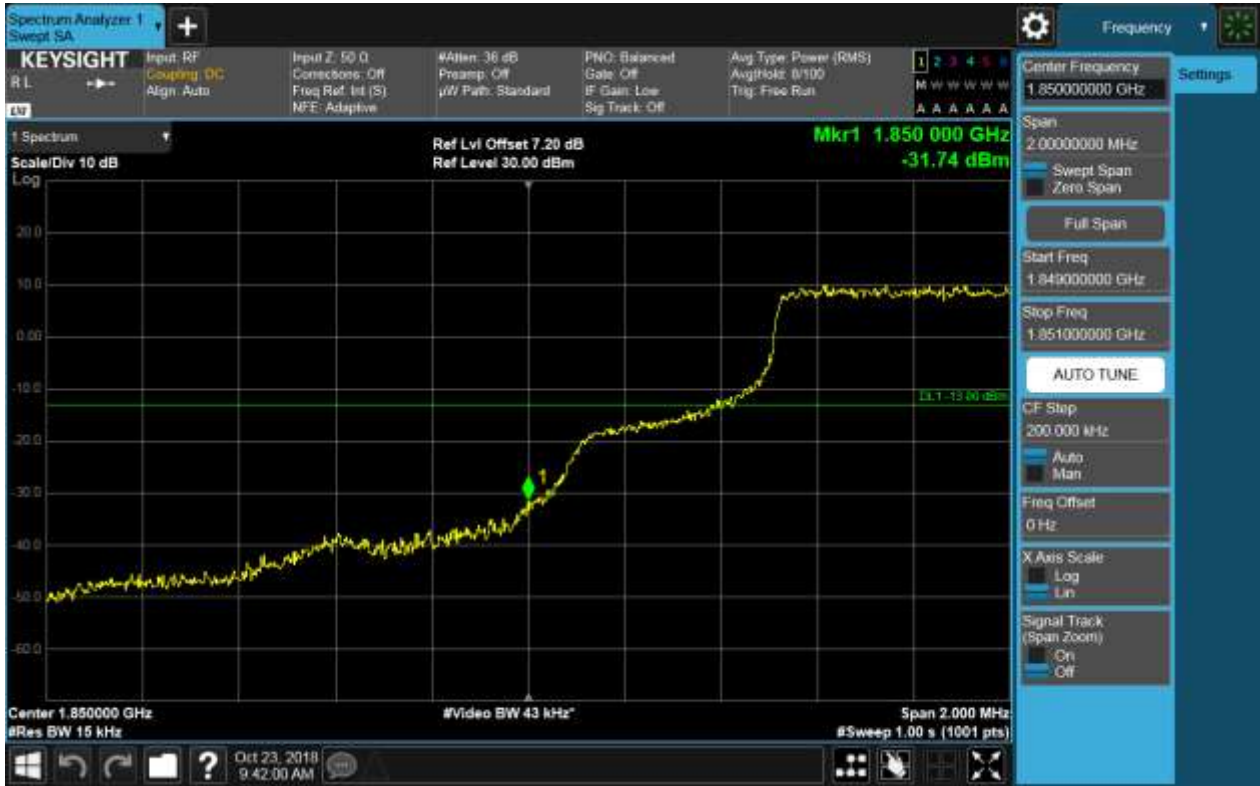
5.1.1.1.1.1.1 Test RB = RB1#0



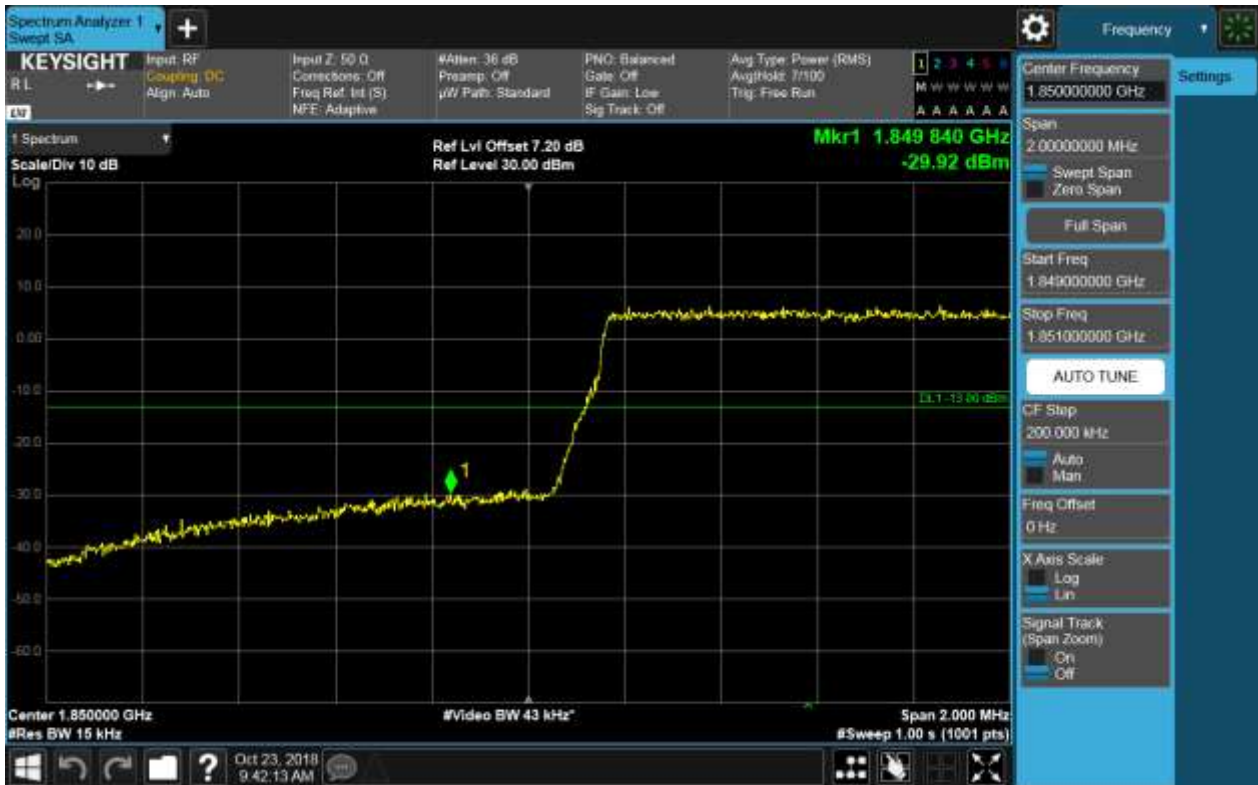
5.1.1.1.1.2 Test RB = RB1#5



5.1.1.1.1.3 Test RB = RB3#2



5.1.1.1.1.4 Test RB = RB6#0

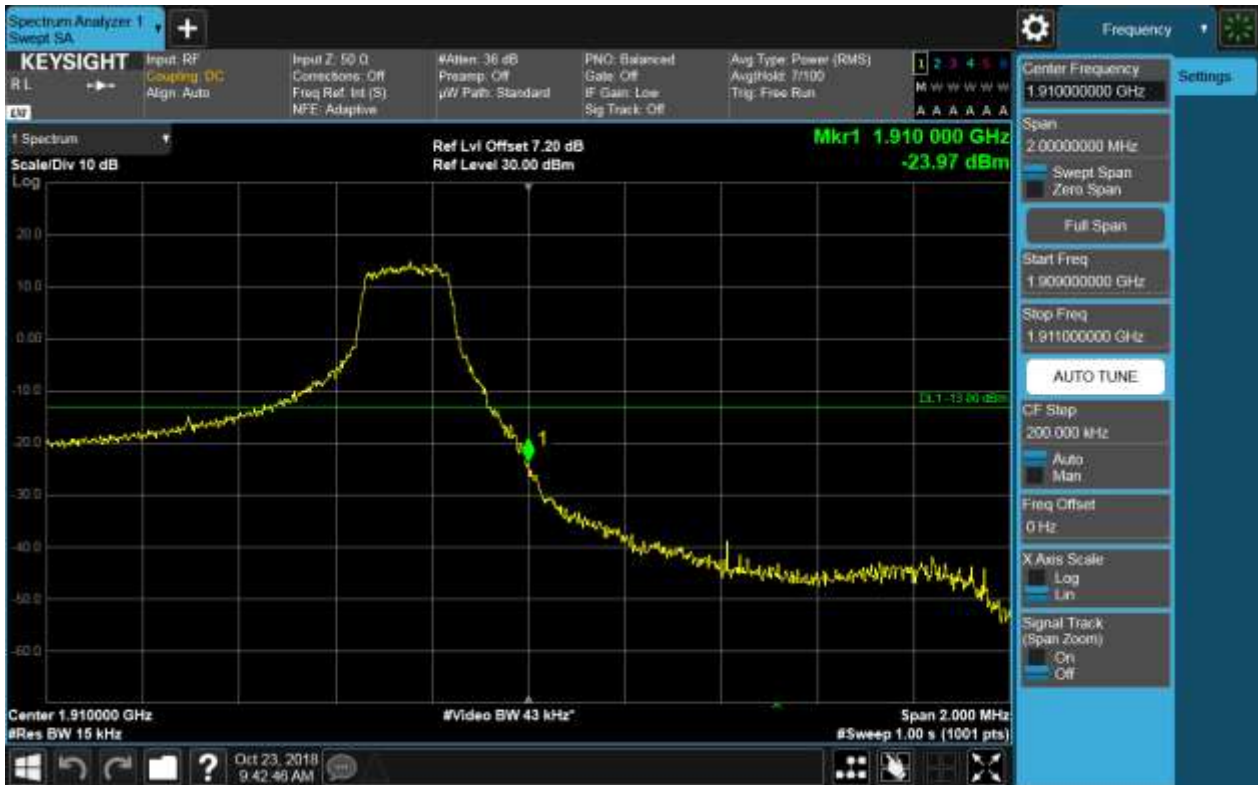


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2



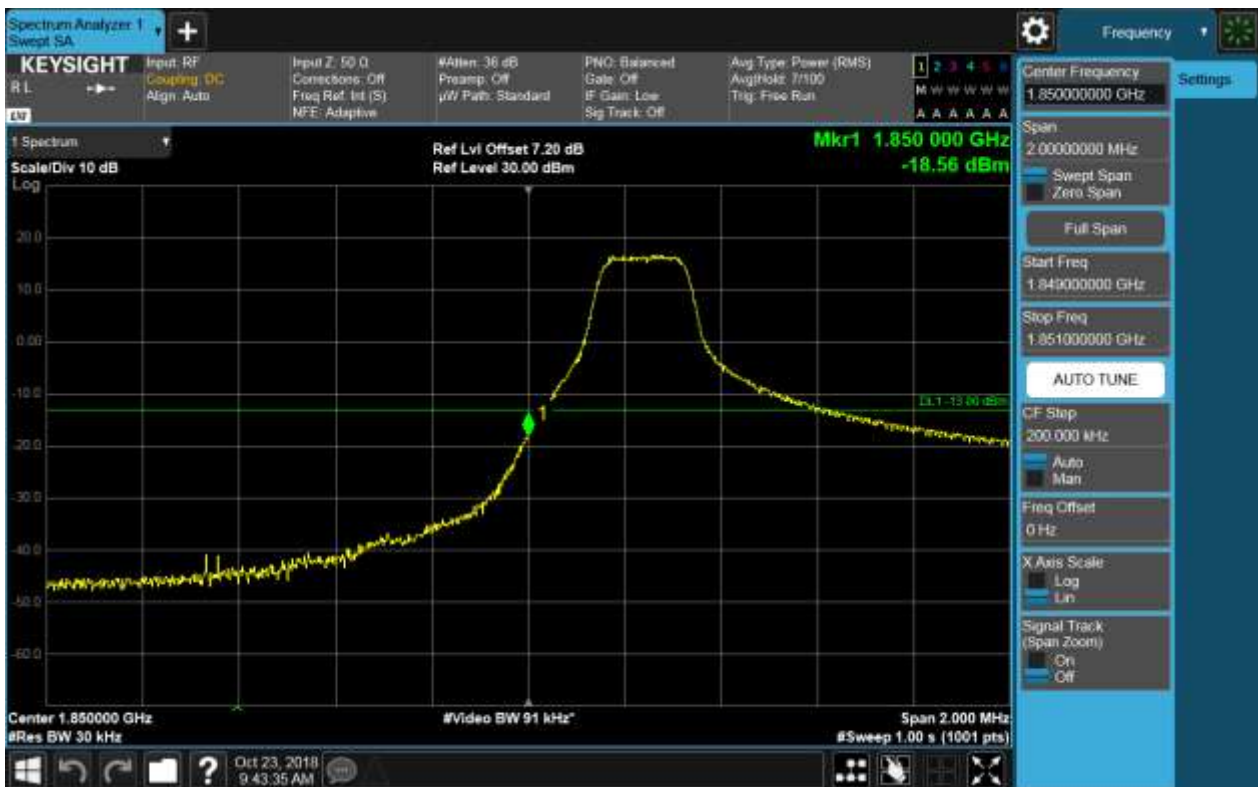
5.1.1.1.1.2.4 Test RB = RB6#0



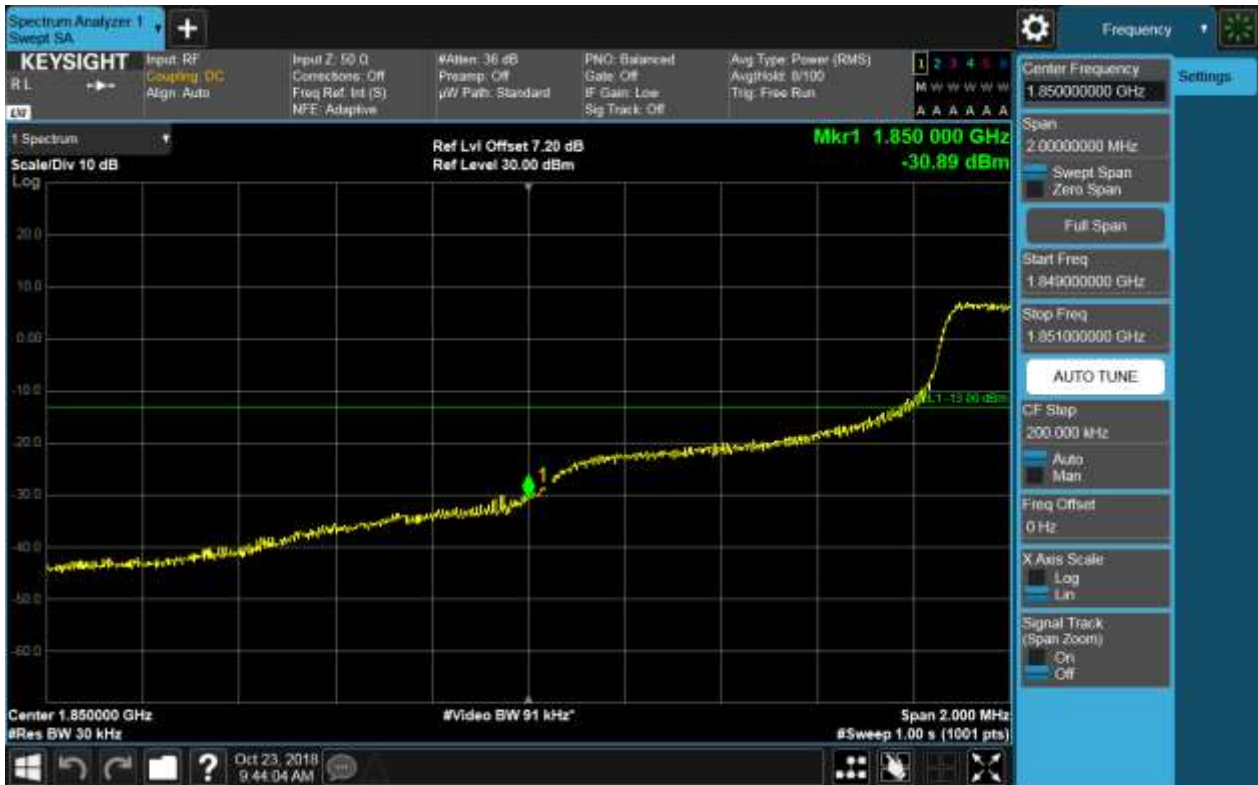
5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

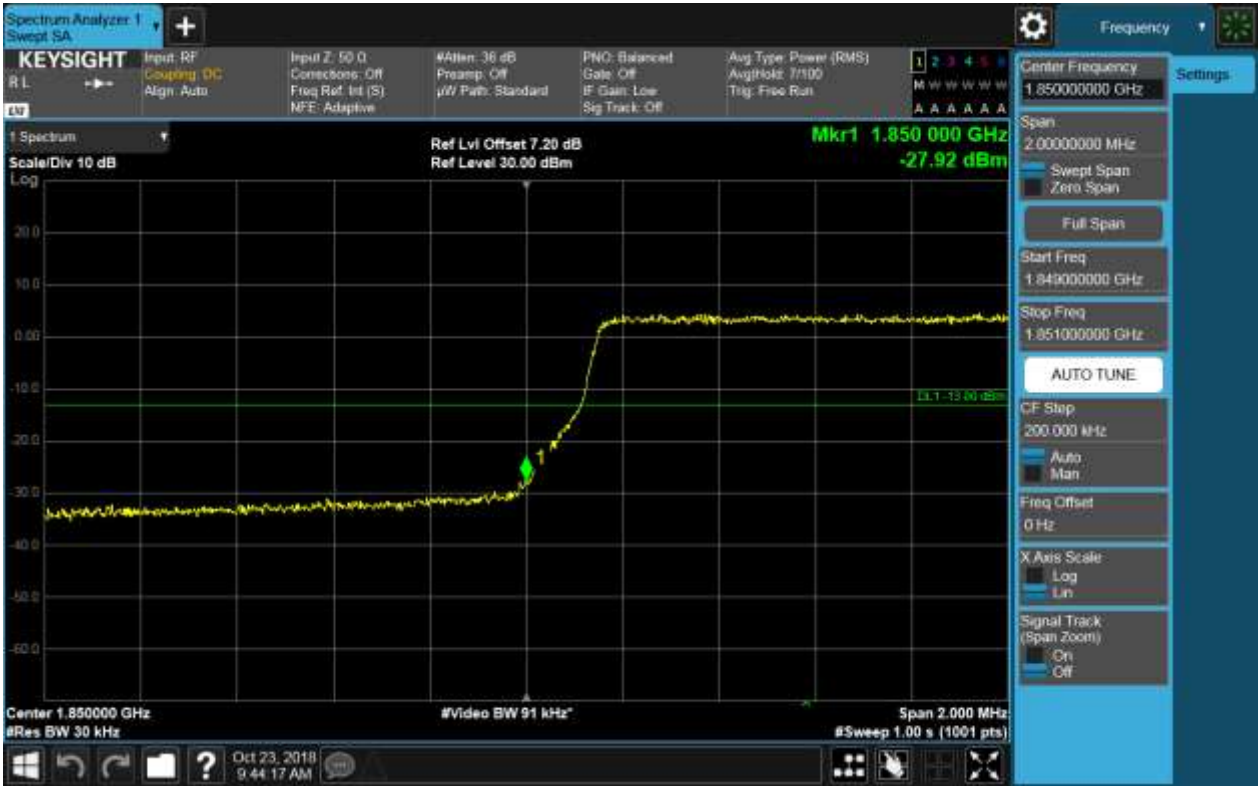
5.1.1.1.2.1.1 Test RB = RB1#0



5.1.1.1.2.1.3 Test RB = RB8#4

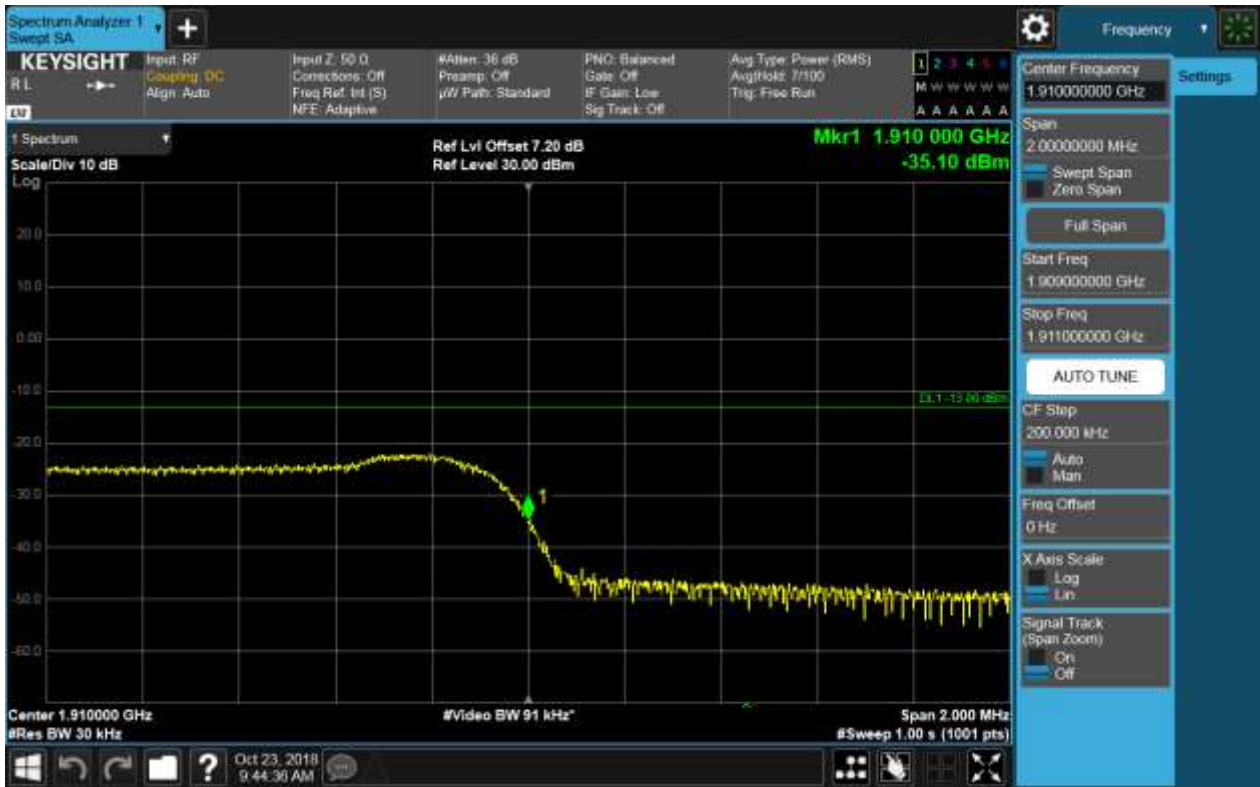


5.1.1.1.2.1.4 Test RB = RB15#0

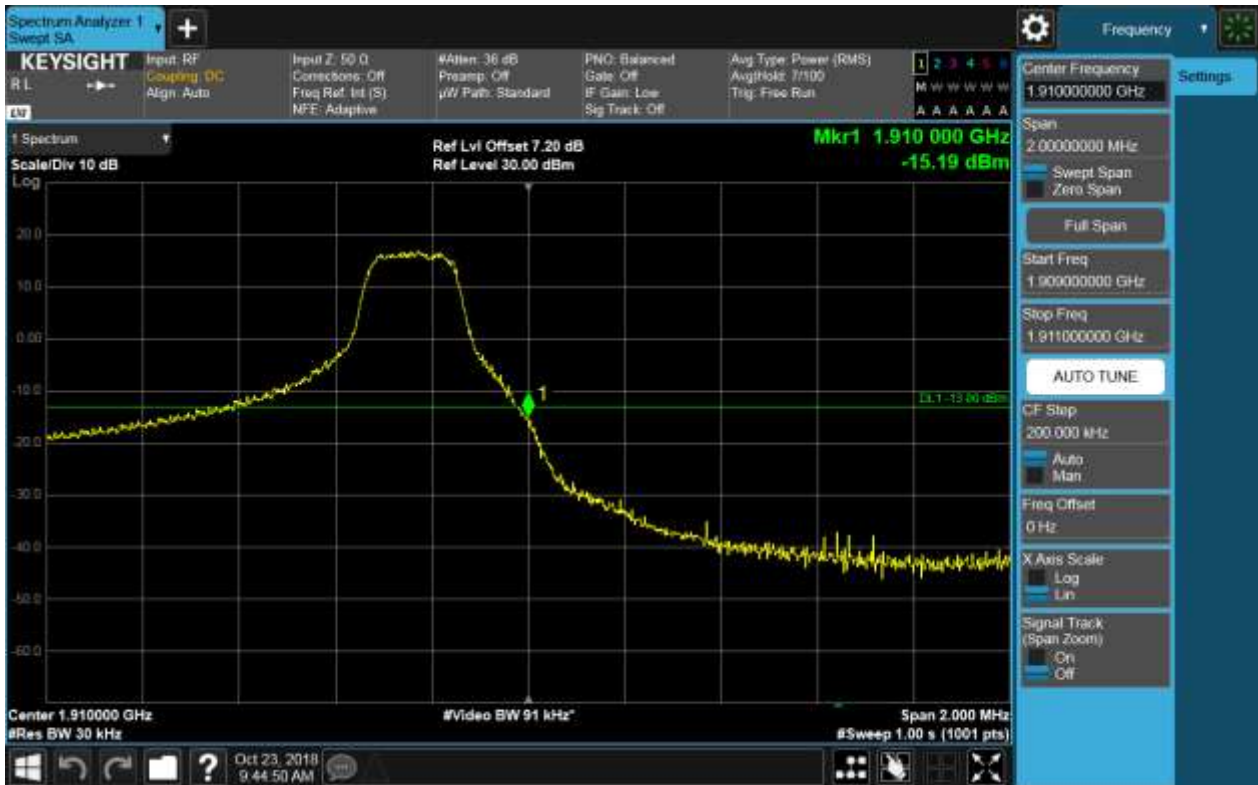


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



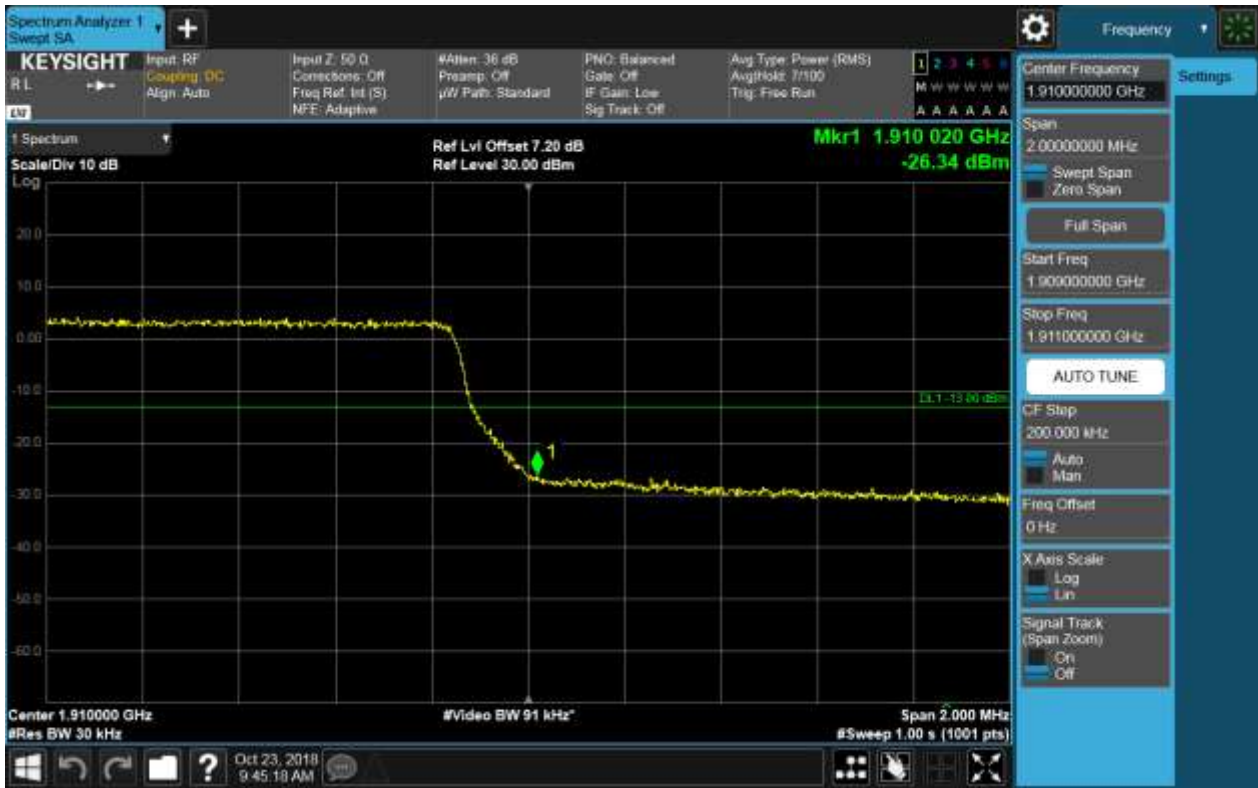
5.1.1.1.2.2.2 Test RB = RB1#14



5.1.1.1.2.2.3 Test RB = RB8#4



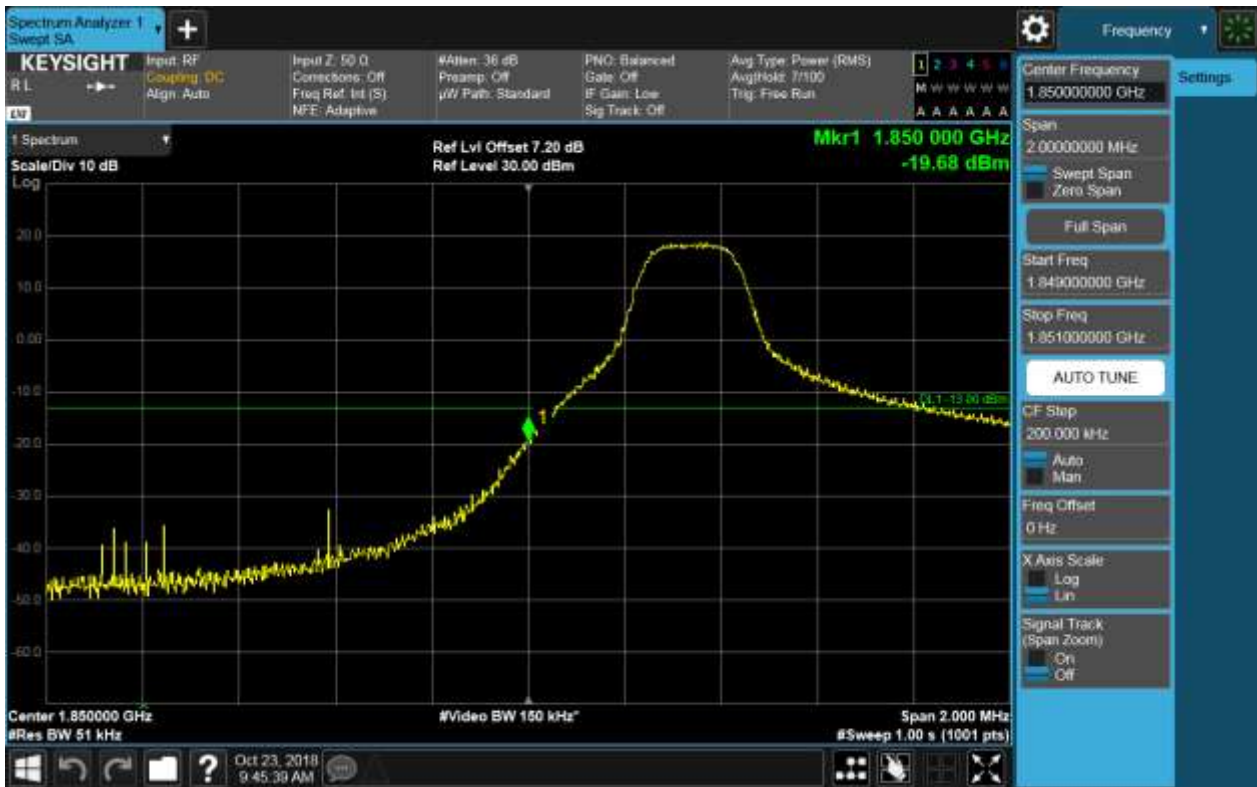
5.1.1.1.2.2.4 Test RB = RB15#0



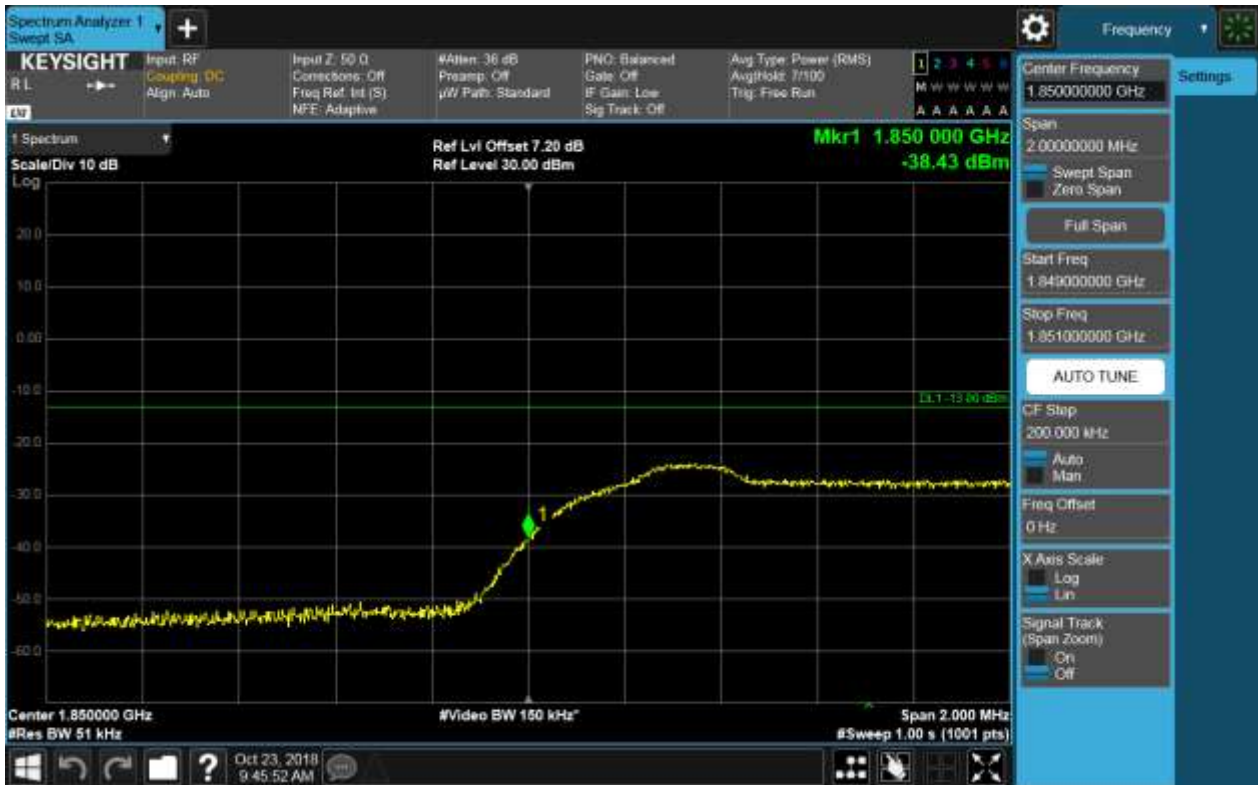
5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



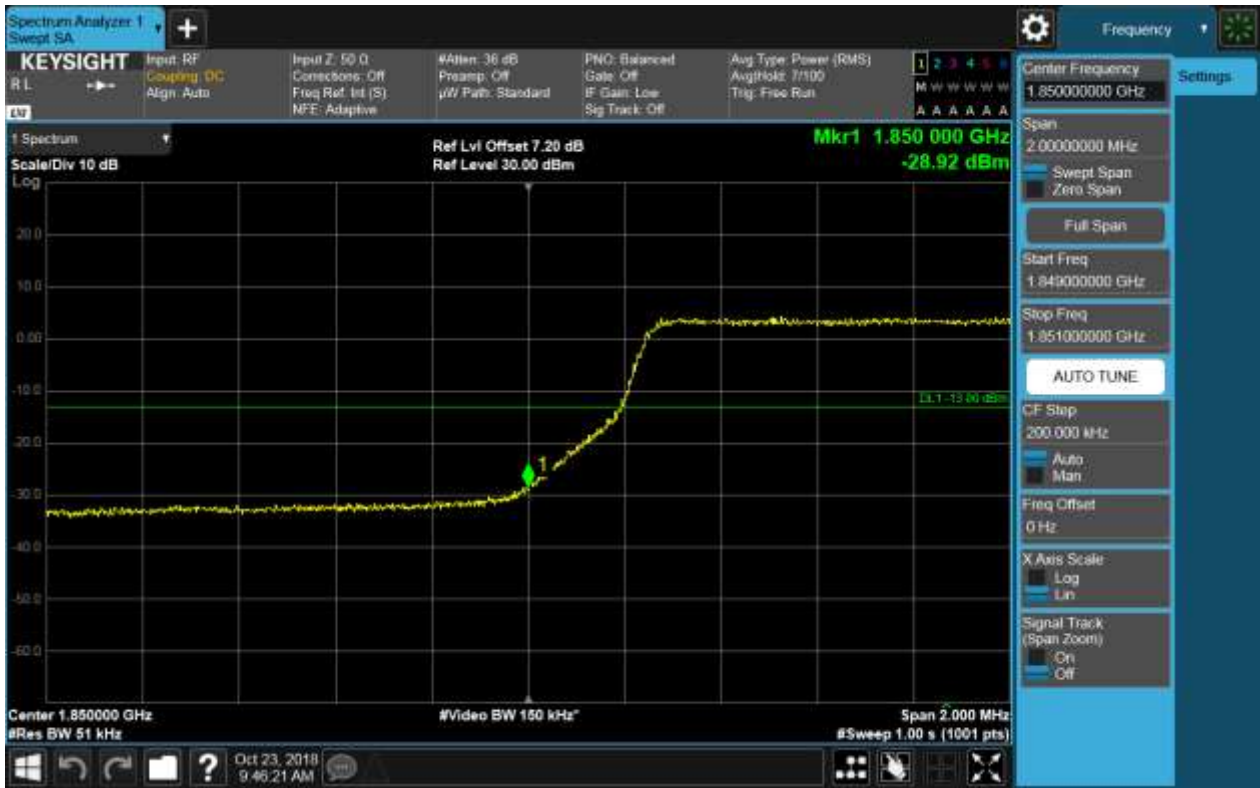
5.1.1.1.3.1.2 Test RB = RB1#24



5.1.1.1.3.1.3 Test RB = RB12#6

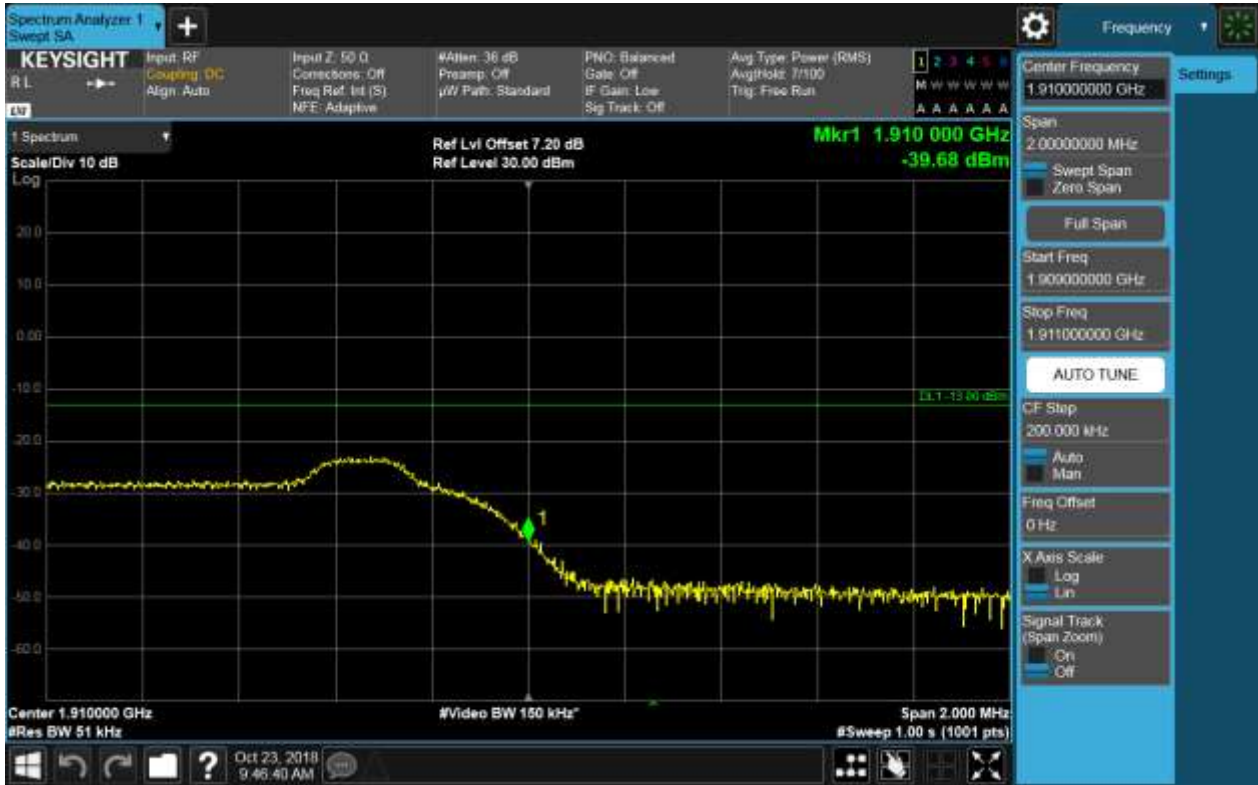


5.1.1.1.3.1.4 Test RB = RB25#0

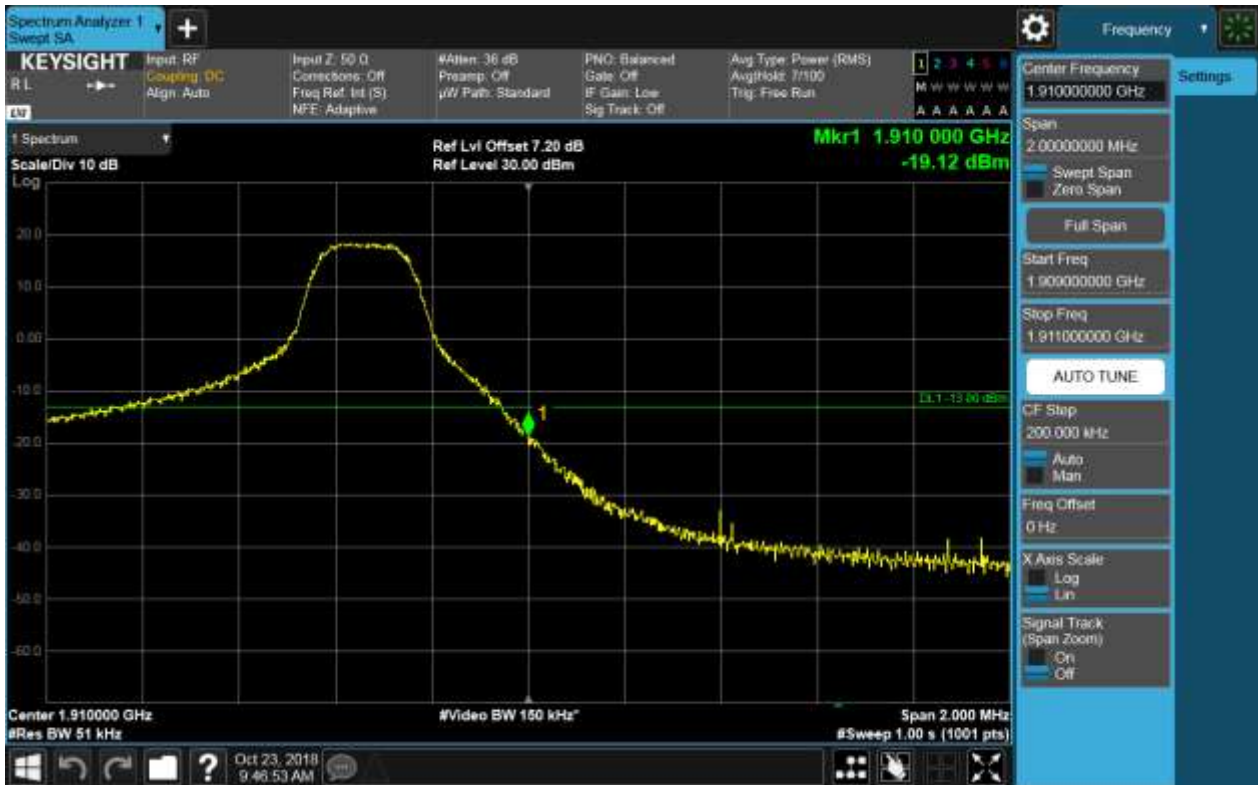


5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



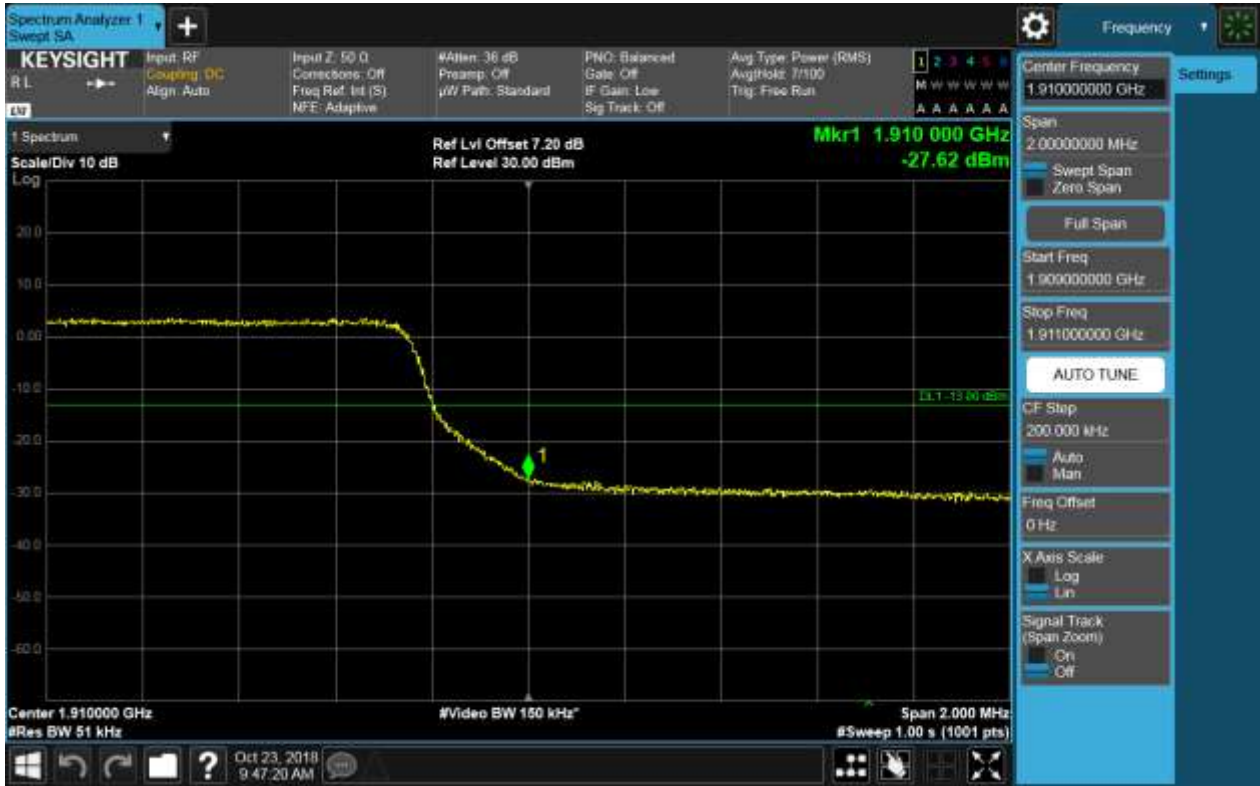
5.1.1.1.3.2.2 Test RB = RB1#24



5.1.1.1.3.2.3 Test RB = RB12#6



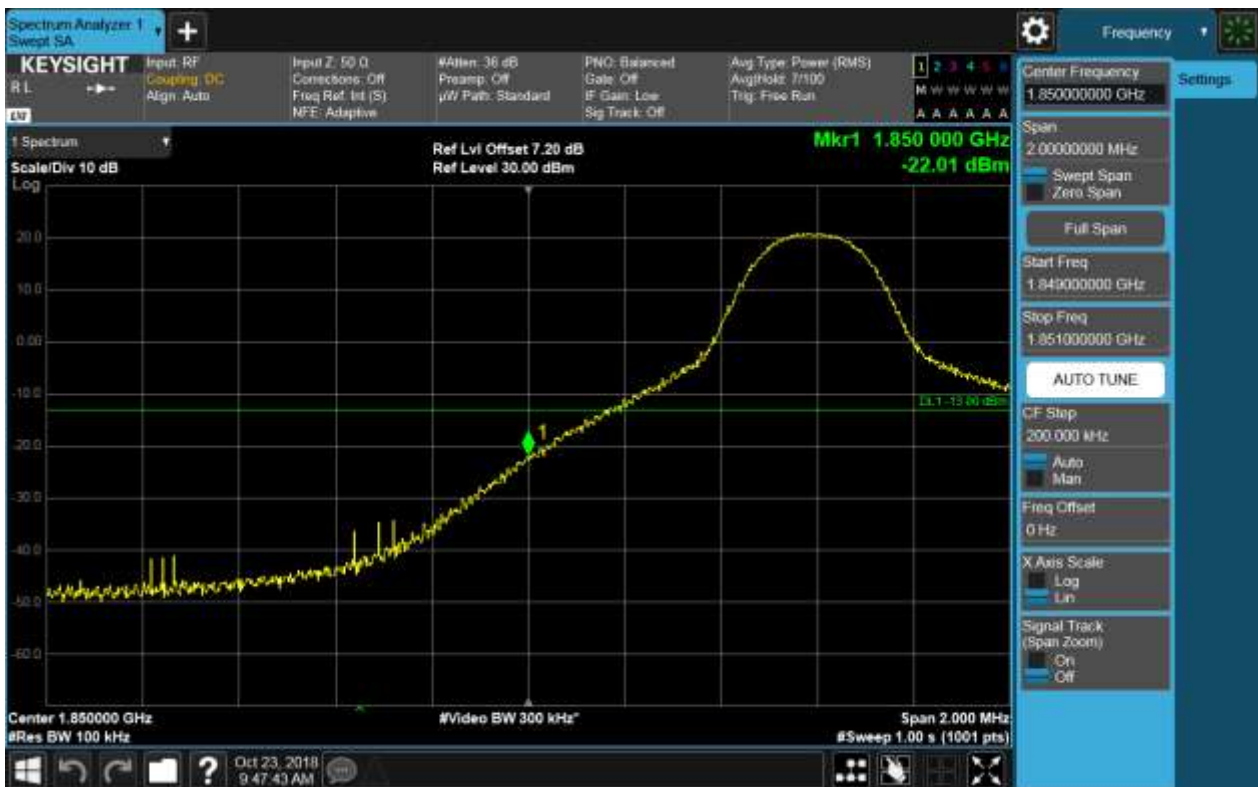
5.1.1.1.3.2.4 Test RB = RB25#0



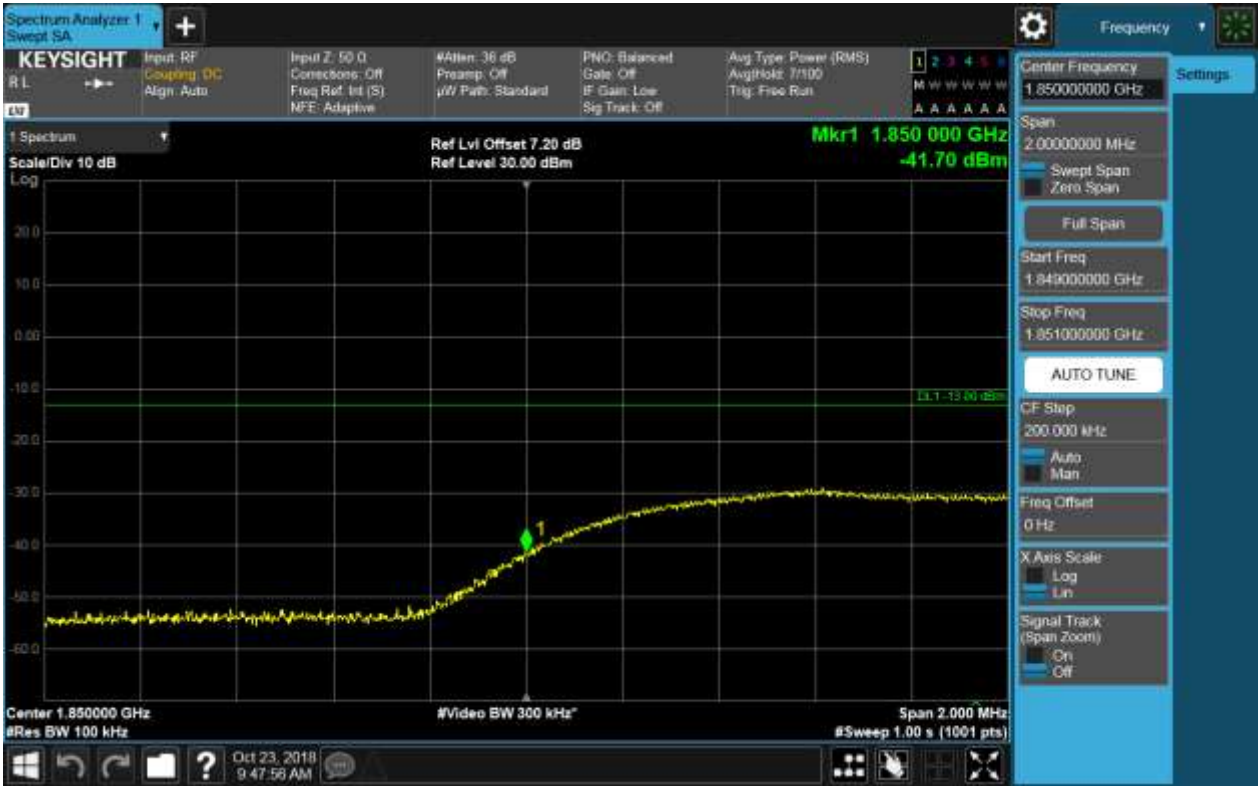
5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

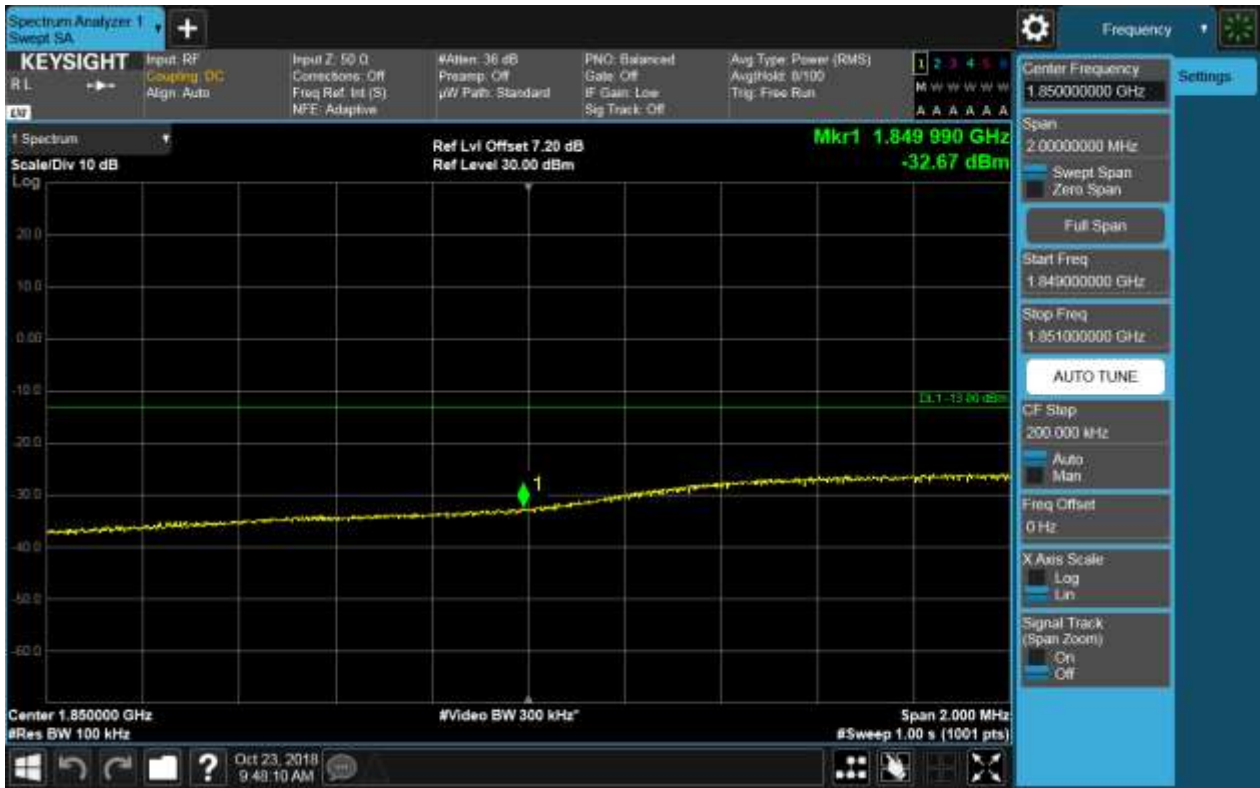
5.1.1.1.4.1.1 Test RB = RB1#0



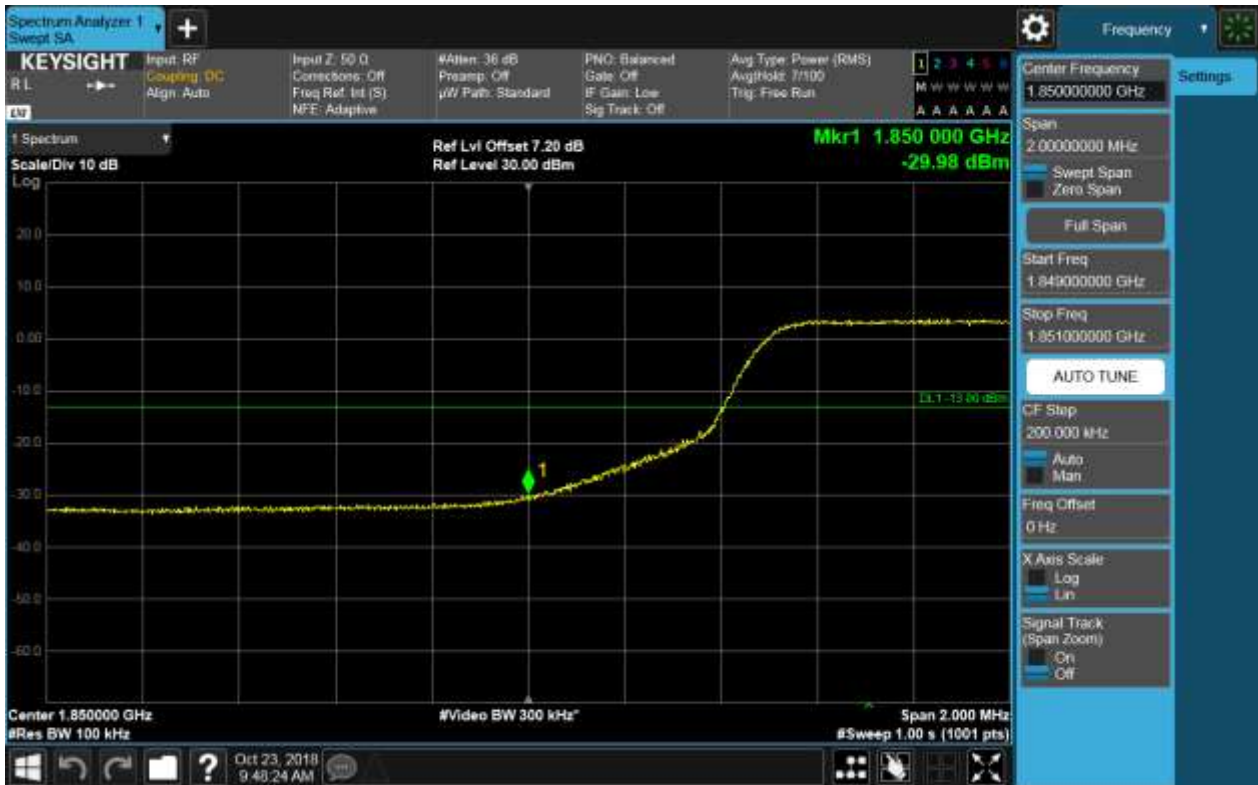
5.1.1.1.4.1.2 Test RB = RB1#49



5.1.1.1.4.1.3 Test RB = RB25#13

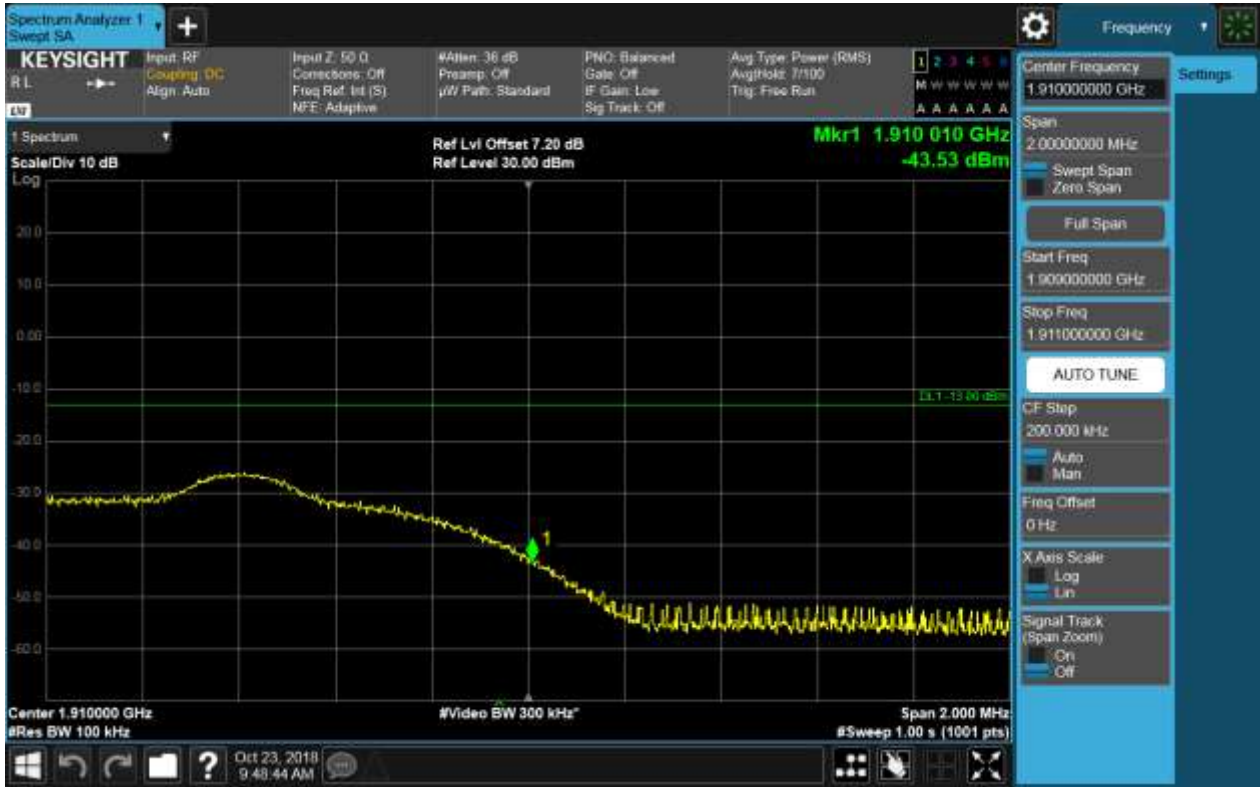


5.1.1.1.4.1.4 Test RB = RB50#0

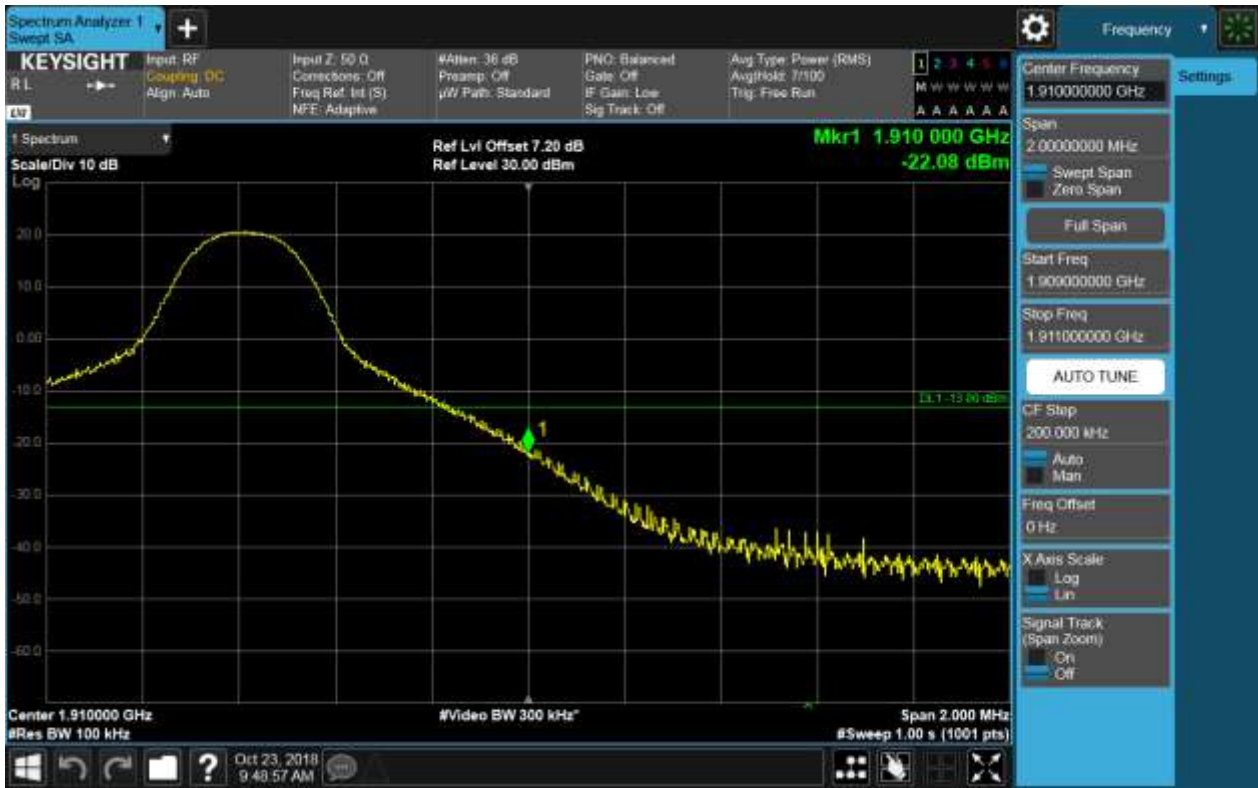


5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



5.1.1.1.4.2.2 Test RB = RB1#49



5.1.1.1.4.2.3 Test RB = RB25#13



5.1.1.1.4.2.4 Test RB = RB50#0



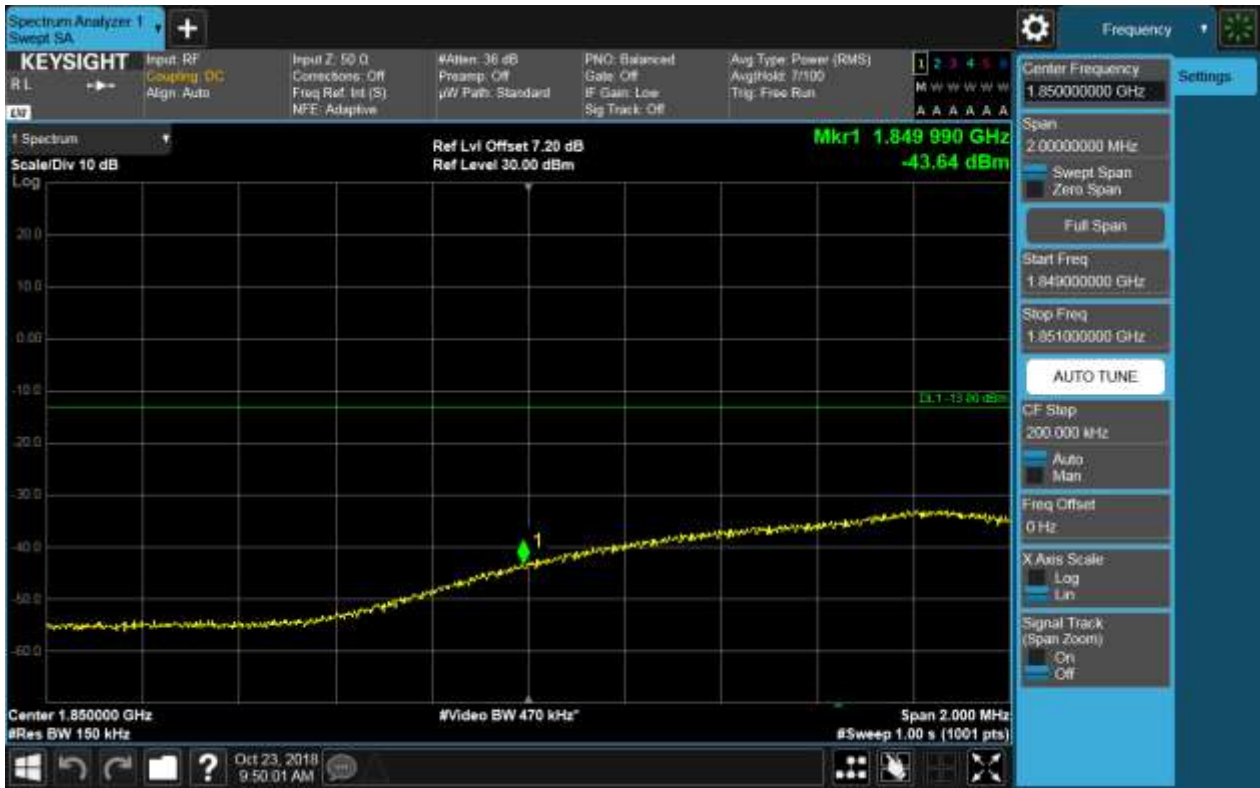
5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



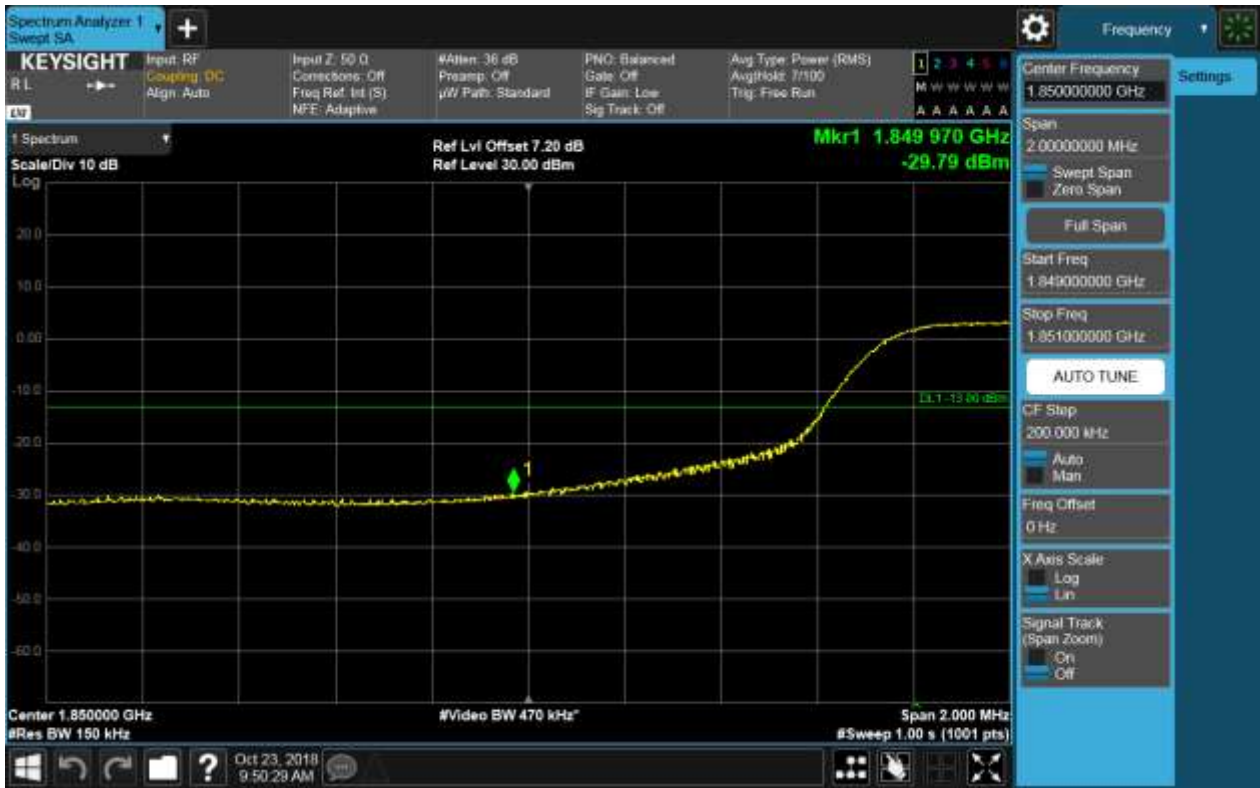
5.1.1.1.5.1.2 Test RB = RB1#74



5.1.1.1.5.1.3 Test RB = RB38#19

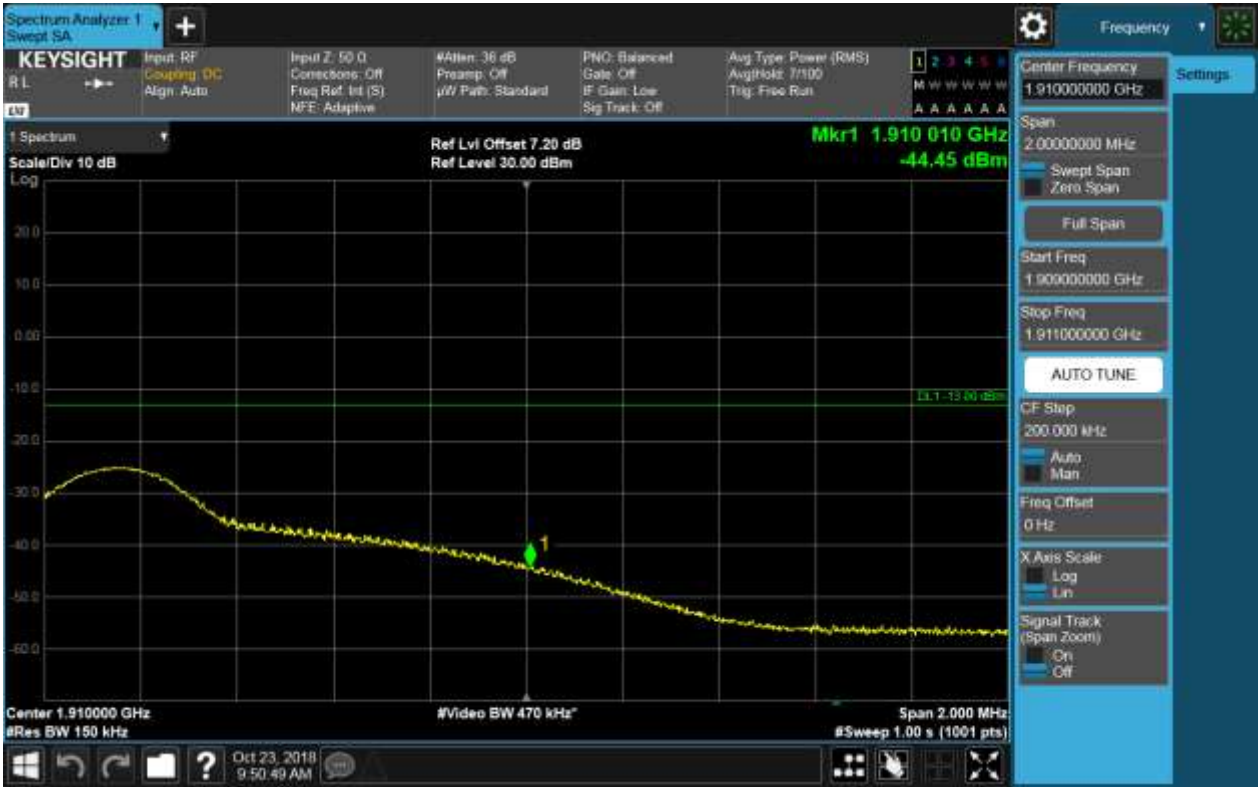


5.1.1.1.5.1.4 Test RB = RB75#0



5.1.1.1.5.2 Test Channel = HCH

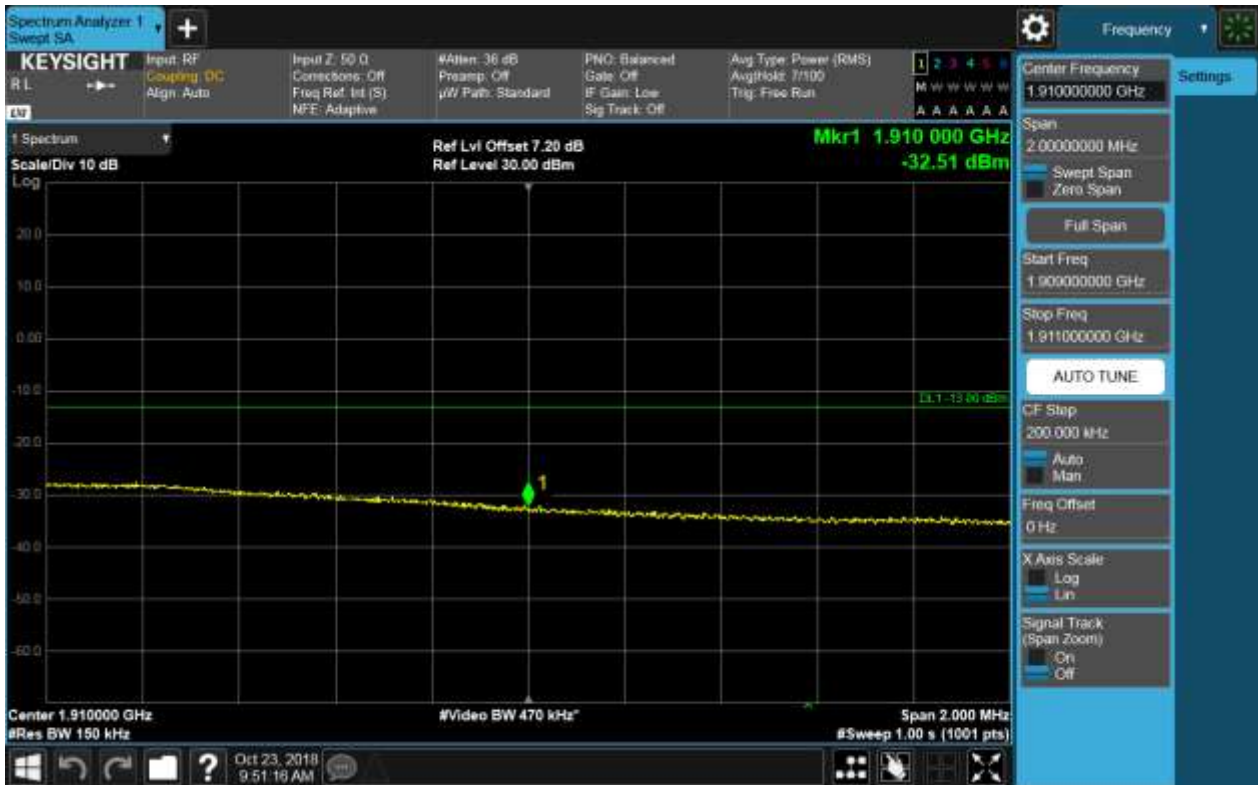
5.1.1.1.5.2.1 Test RB = RB1#0



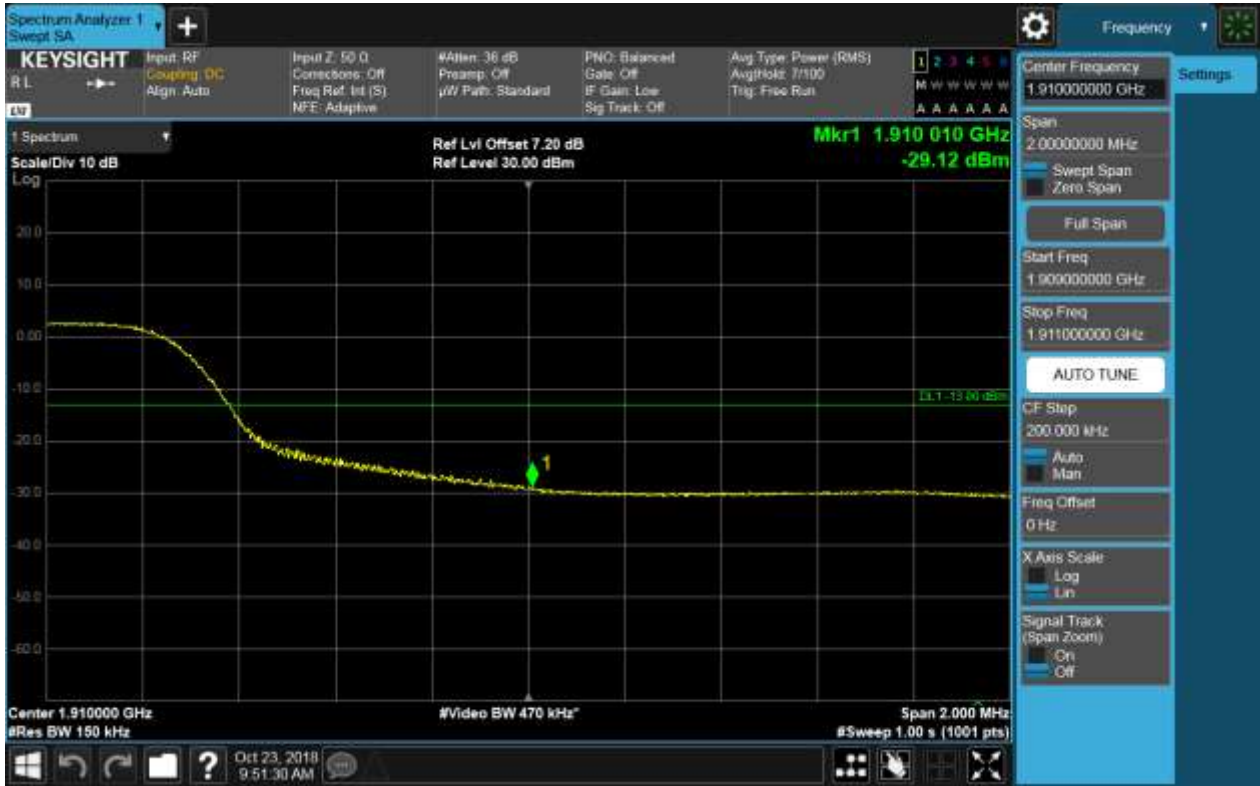
5.1.1.1.5.2.2 Test RB = RB1#74



5.1.1.1.5.2.3 Test RB = RB38#19



5.1.1.1.5.2.4 Test RB = RB75#0



5.1.1.1.6 Test Bandwidth = 20

5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



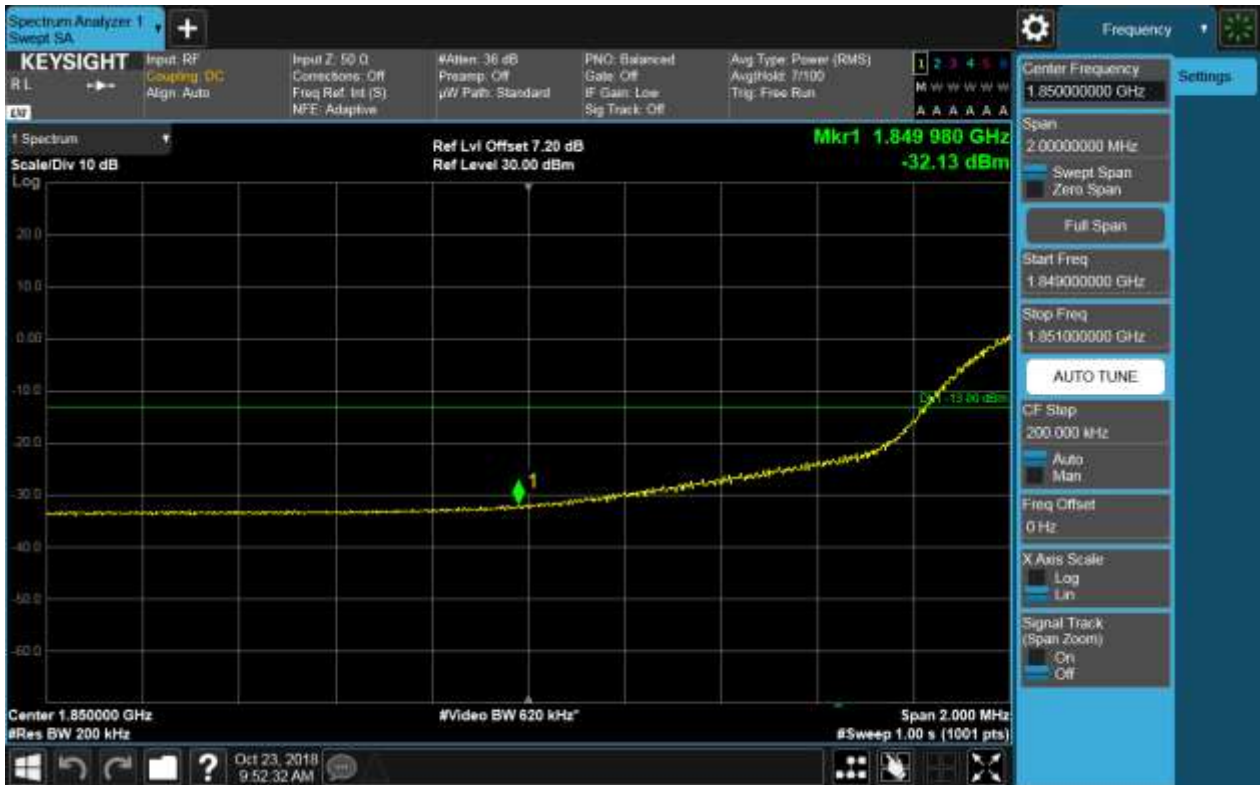
5.1.1.1.6.1.2 Test RB = RB1#99



5.1.1.1.6.1.3 Test RB = RB50#25

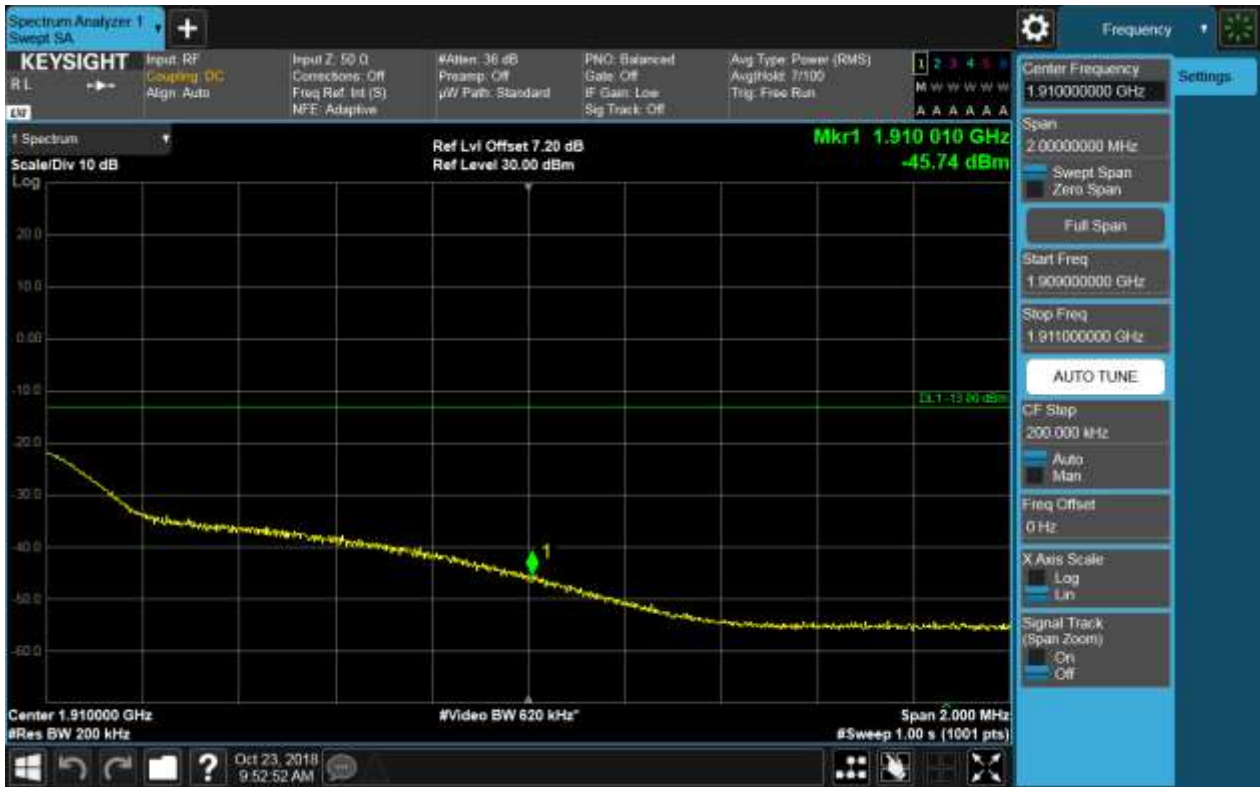


5.1.1.1.6.1.4 Test RB = RB100#0

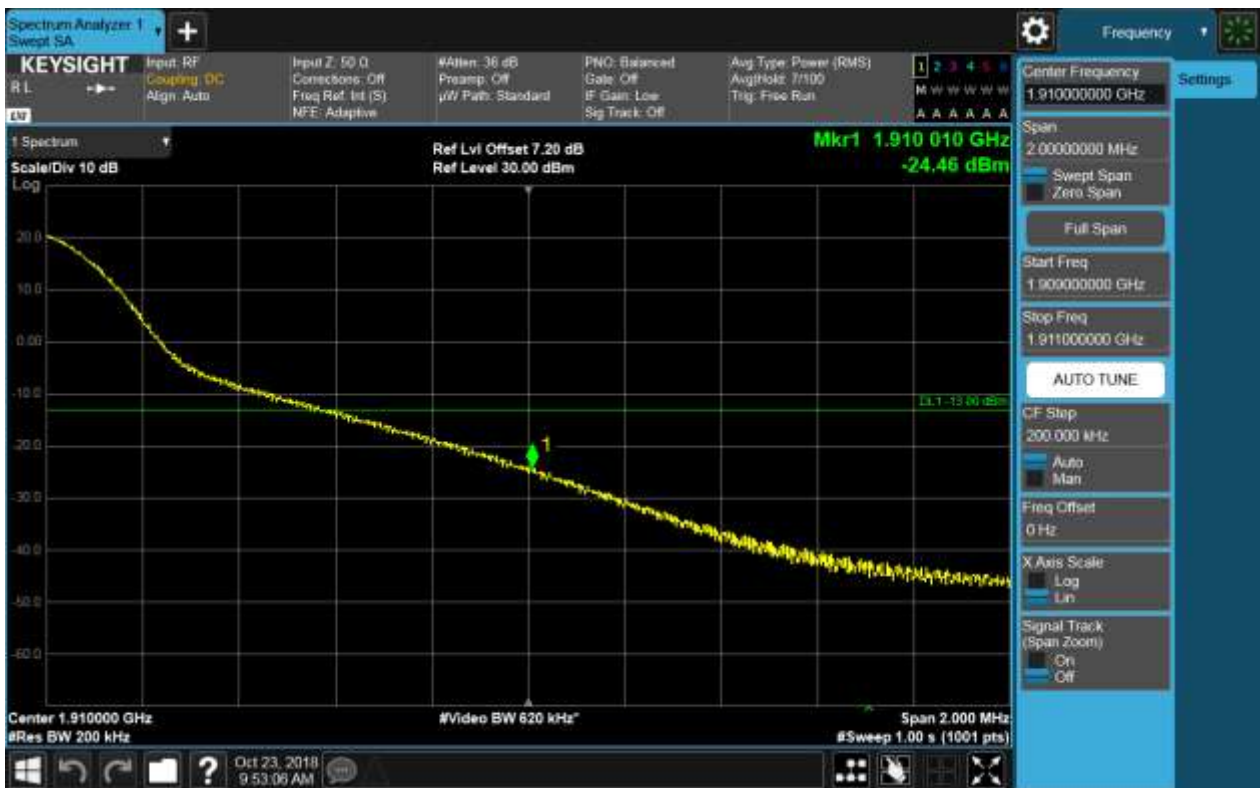


5.1.1.1.6.2 Test Channel = HCH

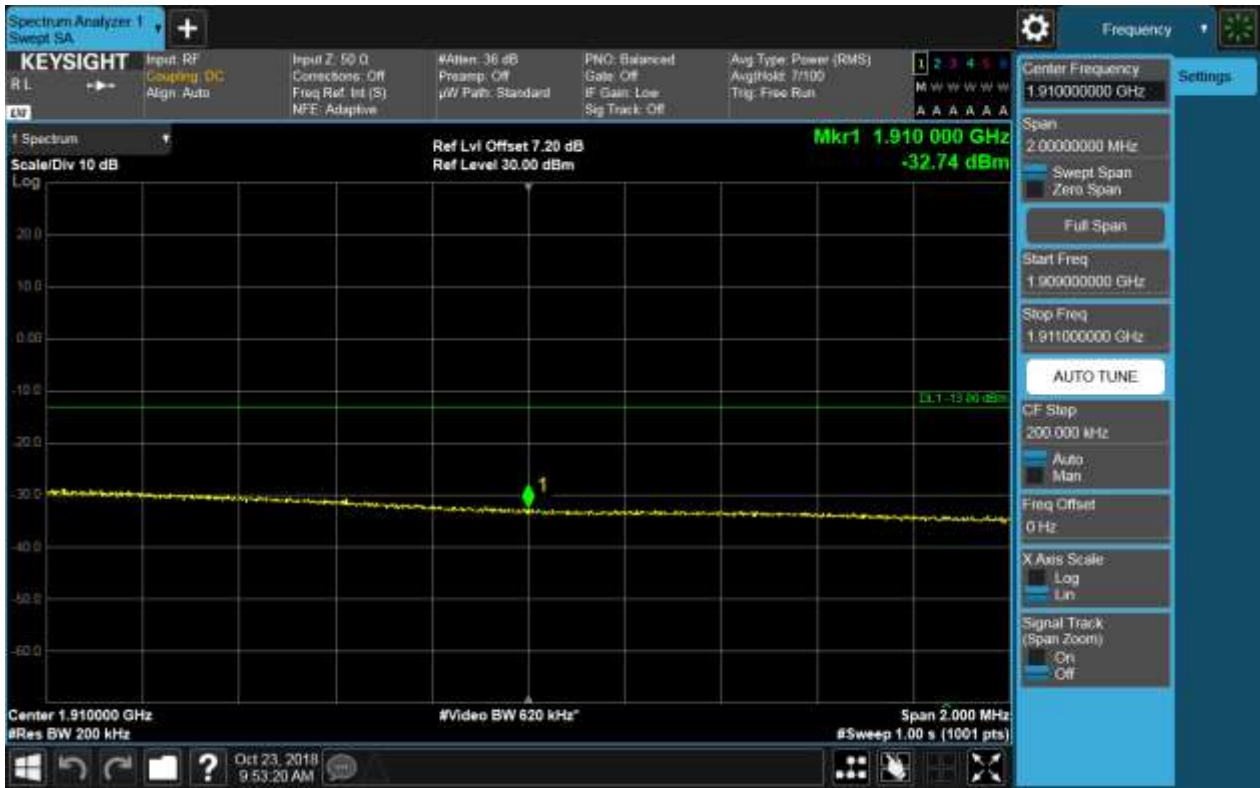
5.1.1.1.6.2.1 Test RB = RB1#0



5.1.1.1.6.2.2 Test RB = RB1#99



5.1.1.1.6.2.3 Test RB = RB50#25



5.1.1.1.6.2.4 Test RB = RB100#0

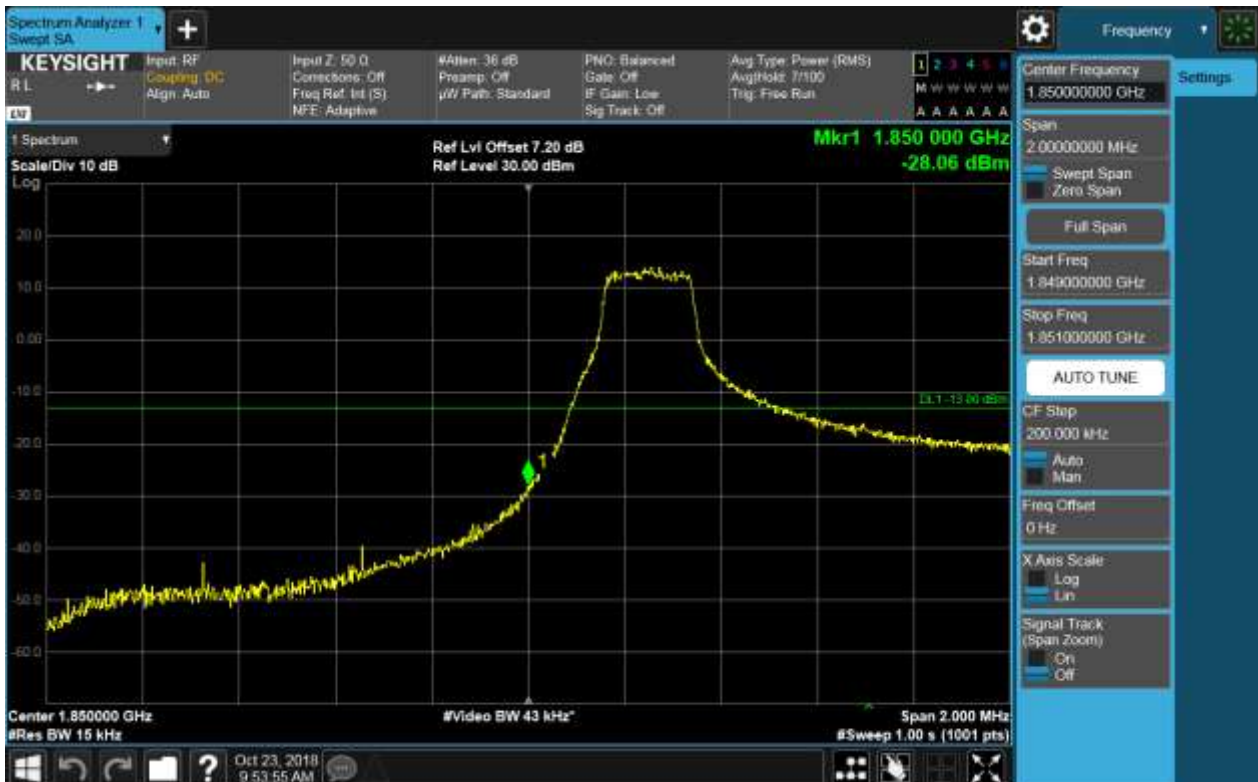


5.1.1.2 Test Mode = LTE/TM2

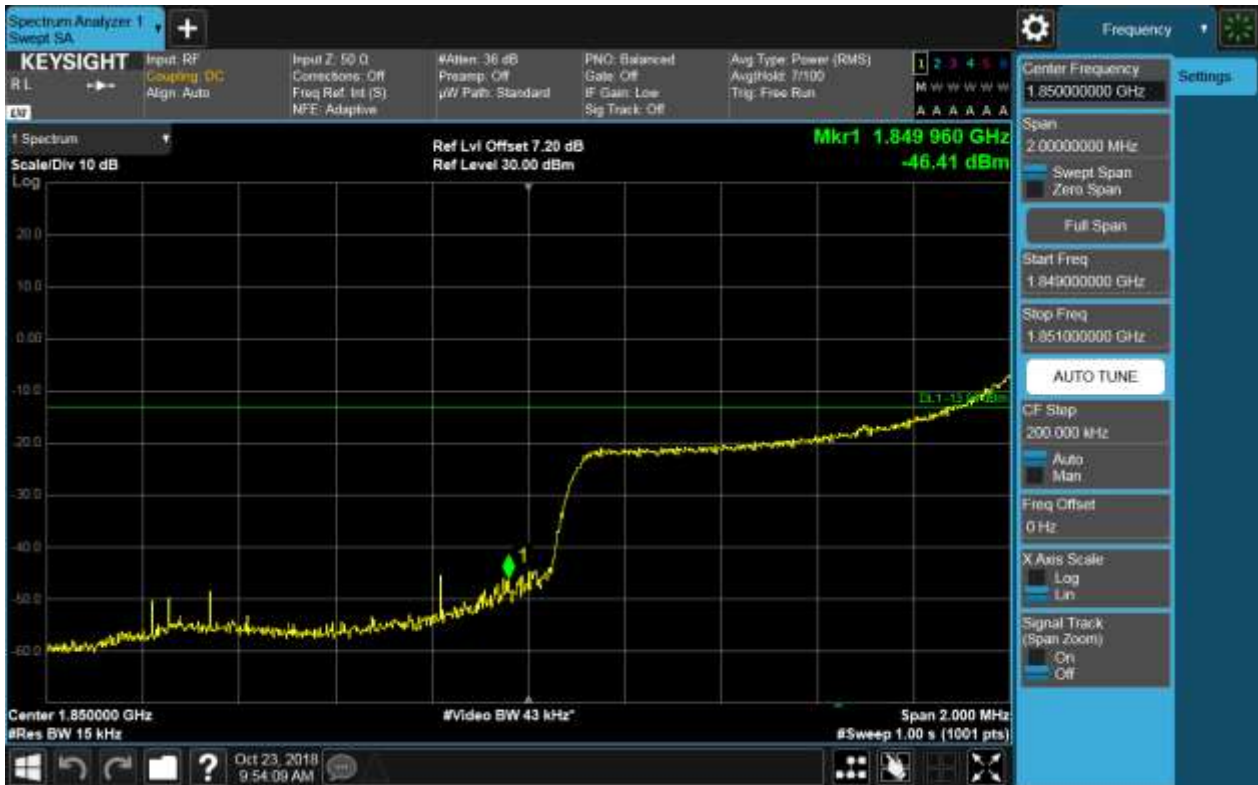
5.1.1.2.1 Test Bandwidth = 1.4

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#5



5.1.1.2.1.1.3 Test RB = RB3#2

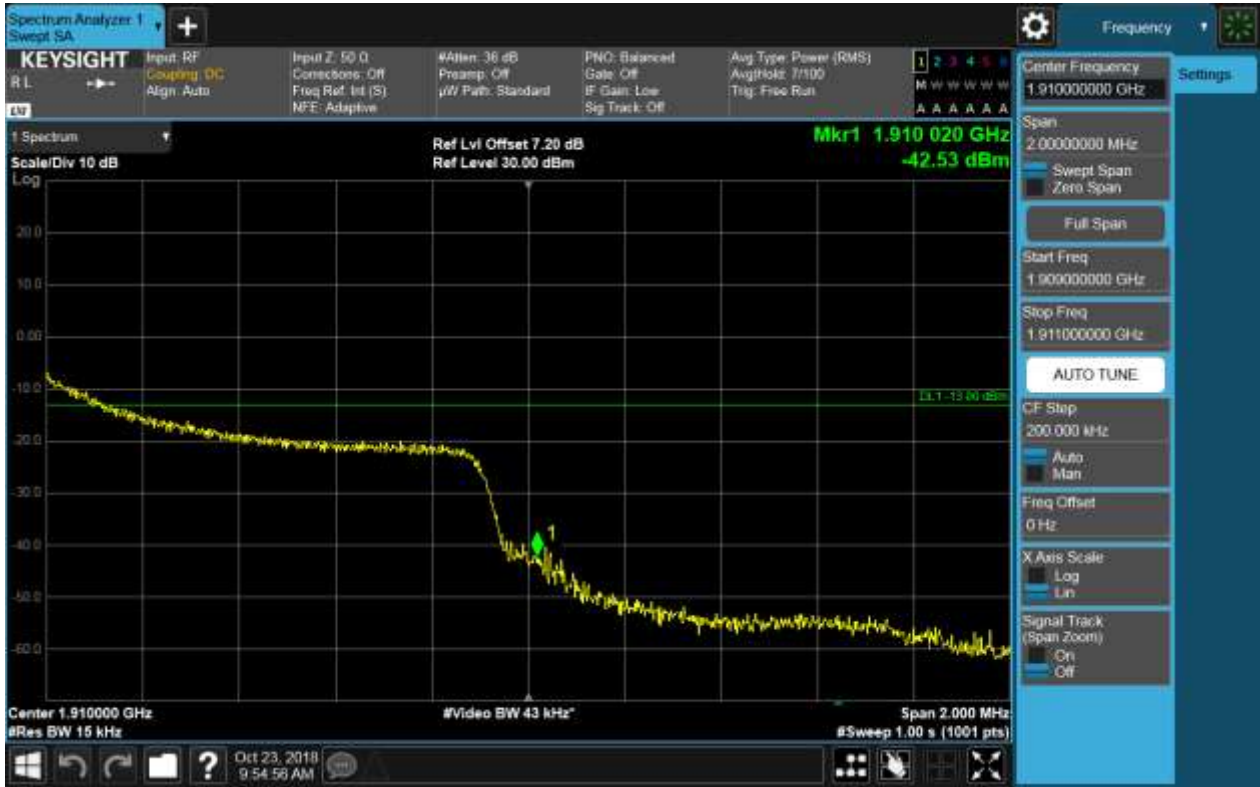


5.1.1.2.1.1.4 Test RB = RB6#0

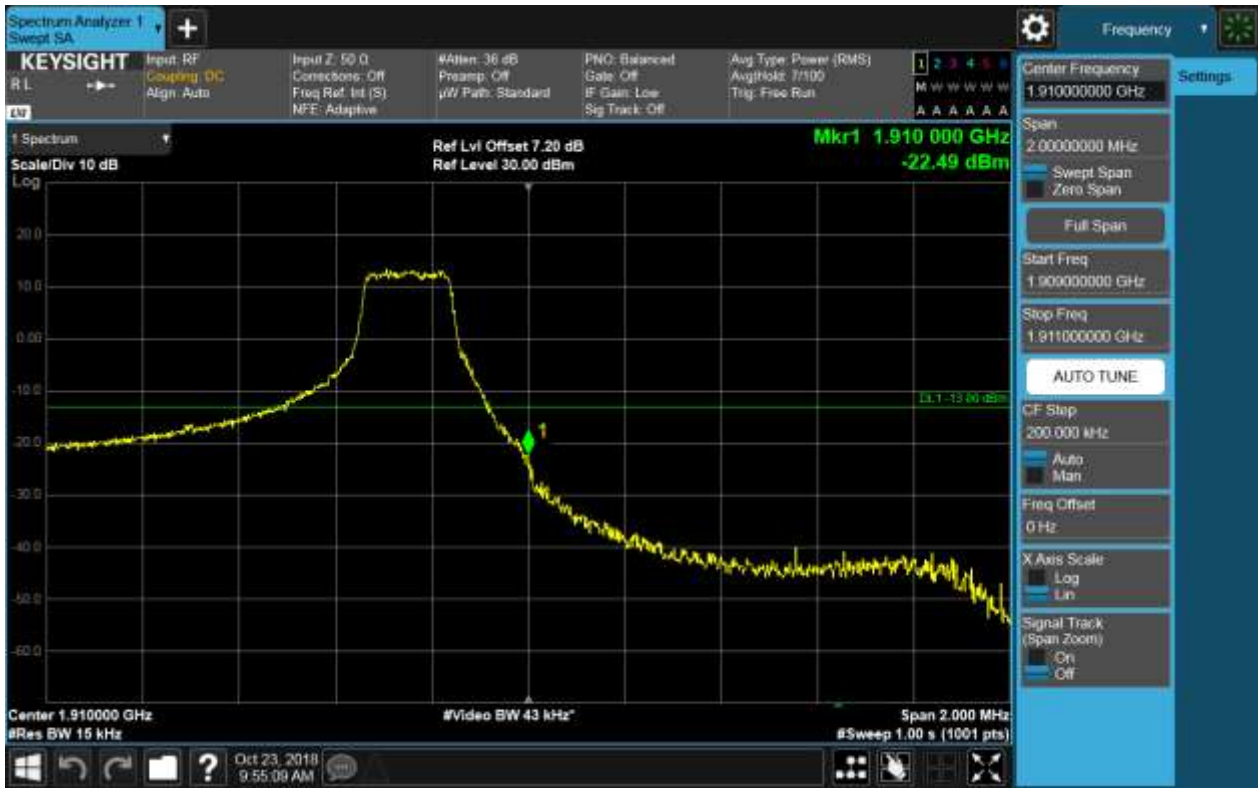


5.1.1.2.1.2 Test Channel = HCH

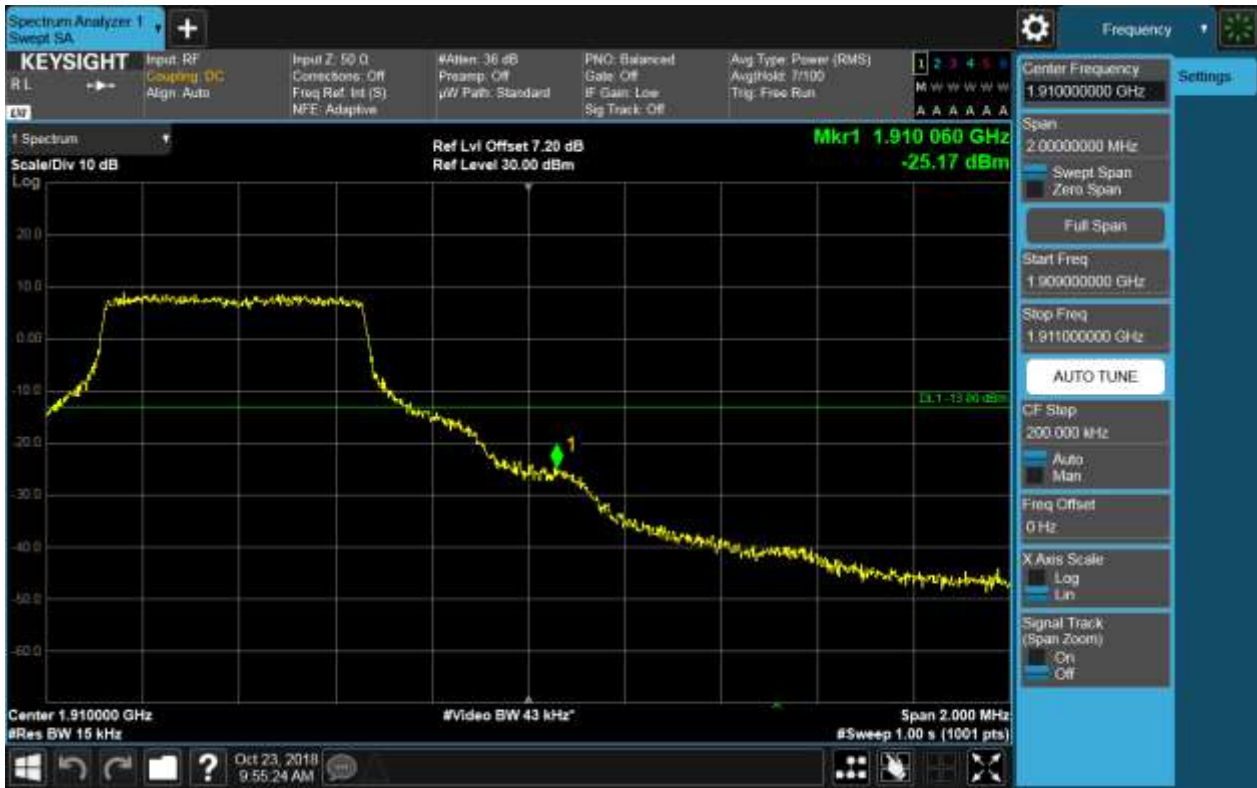
5.1.1.2.1.2.1 Test RB = RB1#0



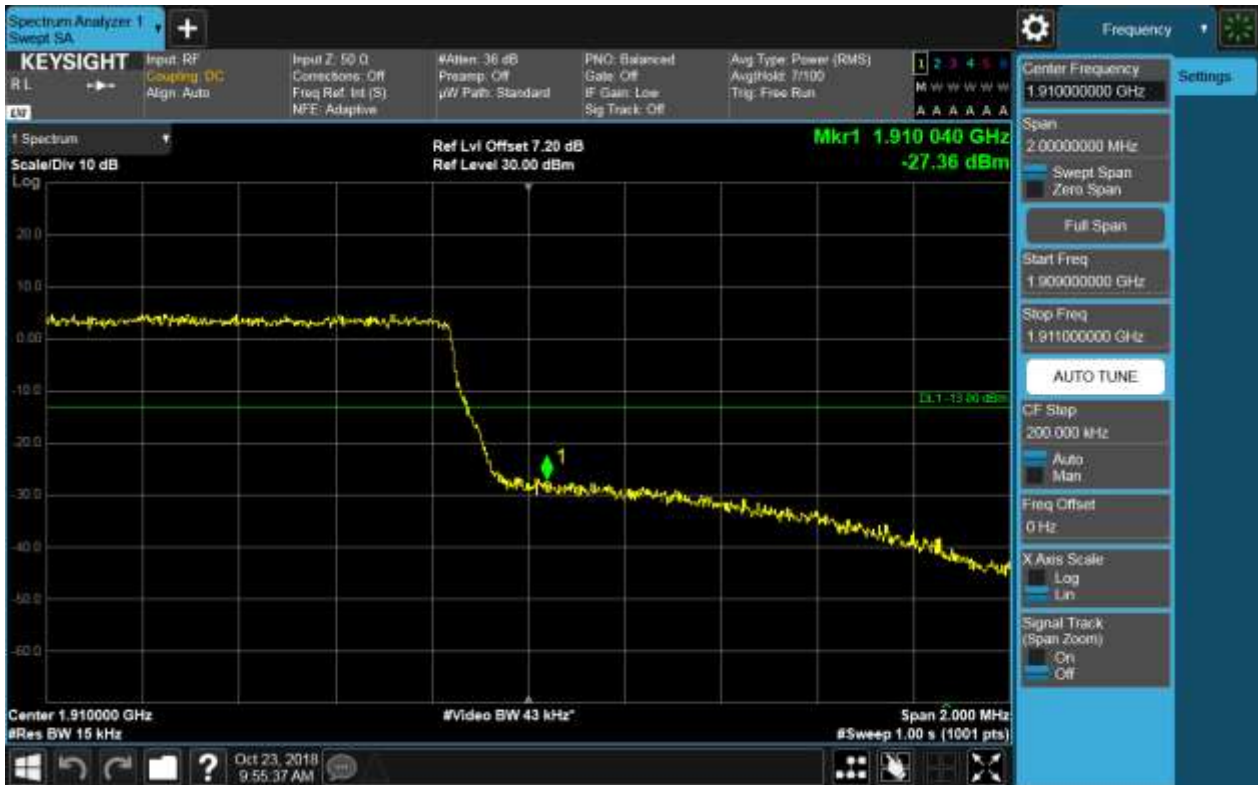
5.1.1.2.1.2.2 Test RB = RB1#5



5.1.1.2.1.2.3 Test RB = RB3#2



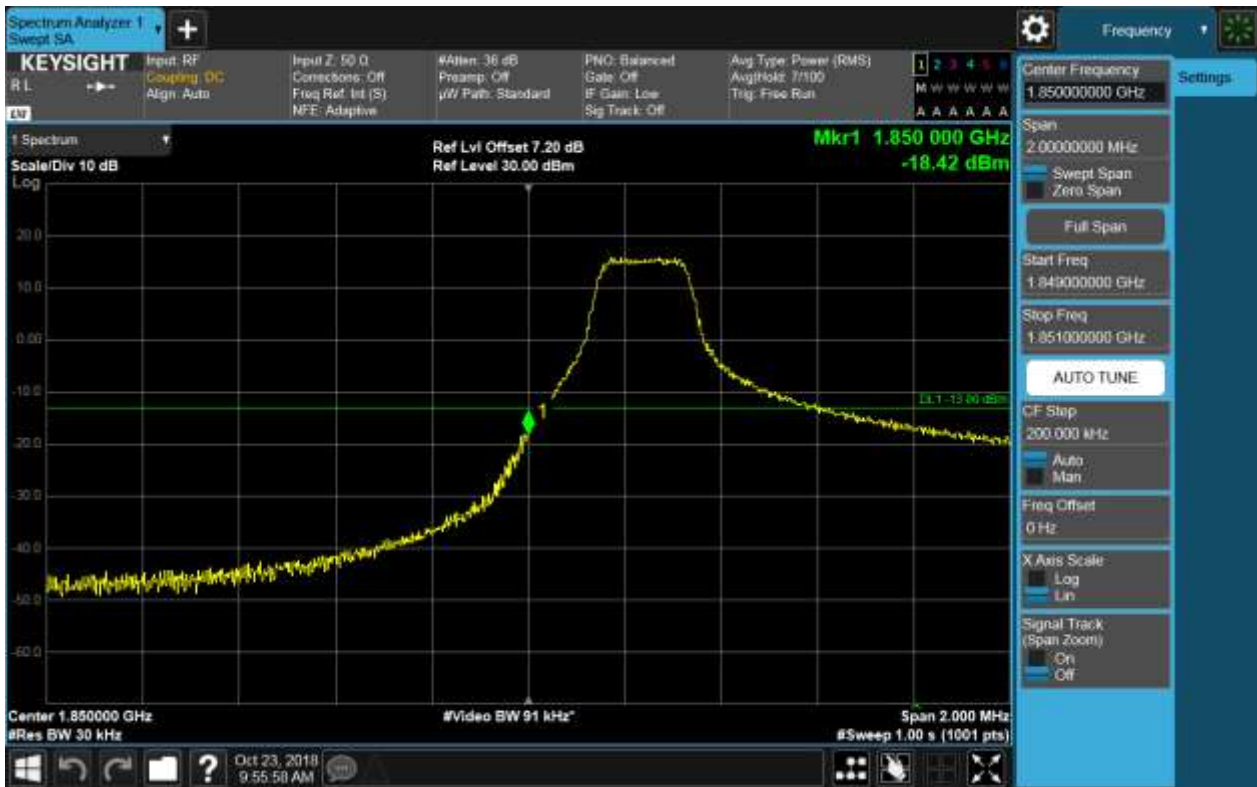
5.1.1.2.1.2.4 Test RB = RB6#0



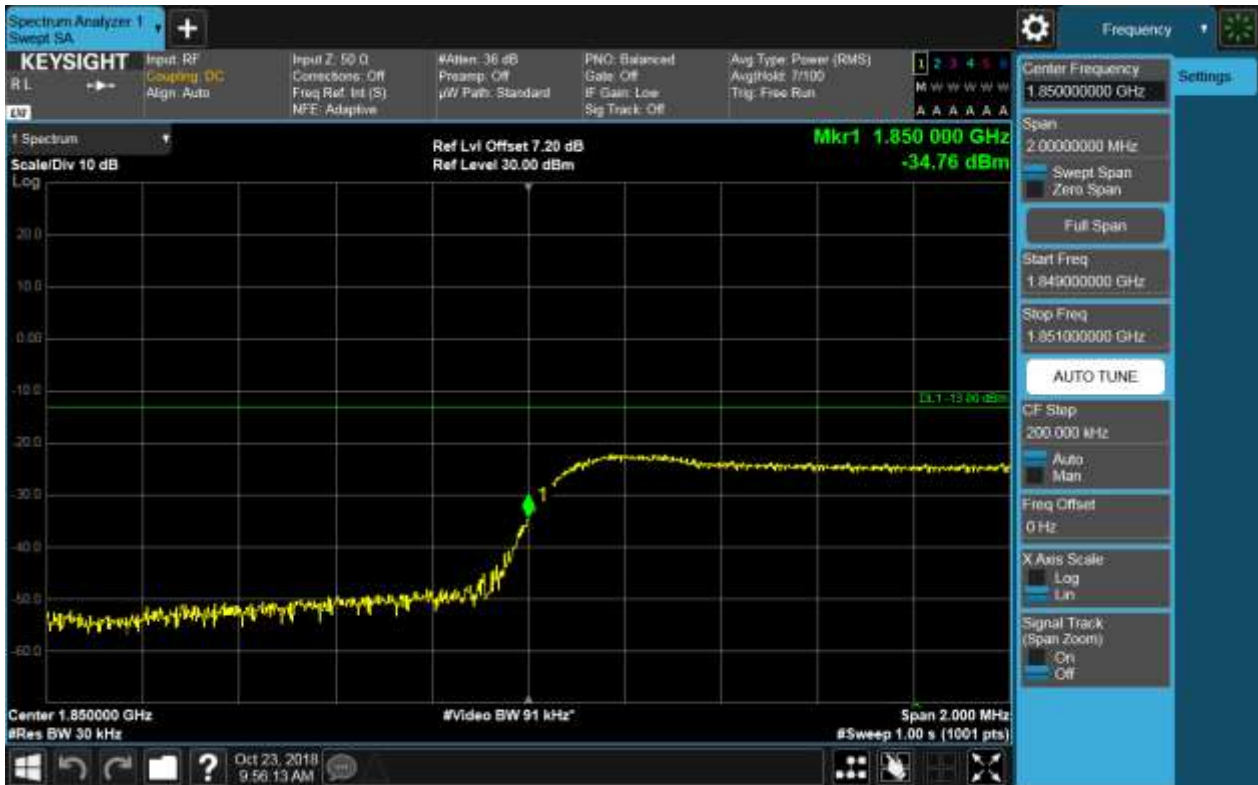
5.1.1.2.2 Test Bandwidth = 3

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#14



5.1.1.2.2.1.3 Test RB = RB8#4

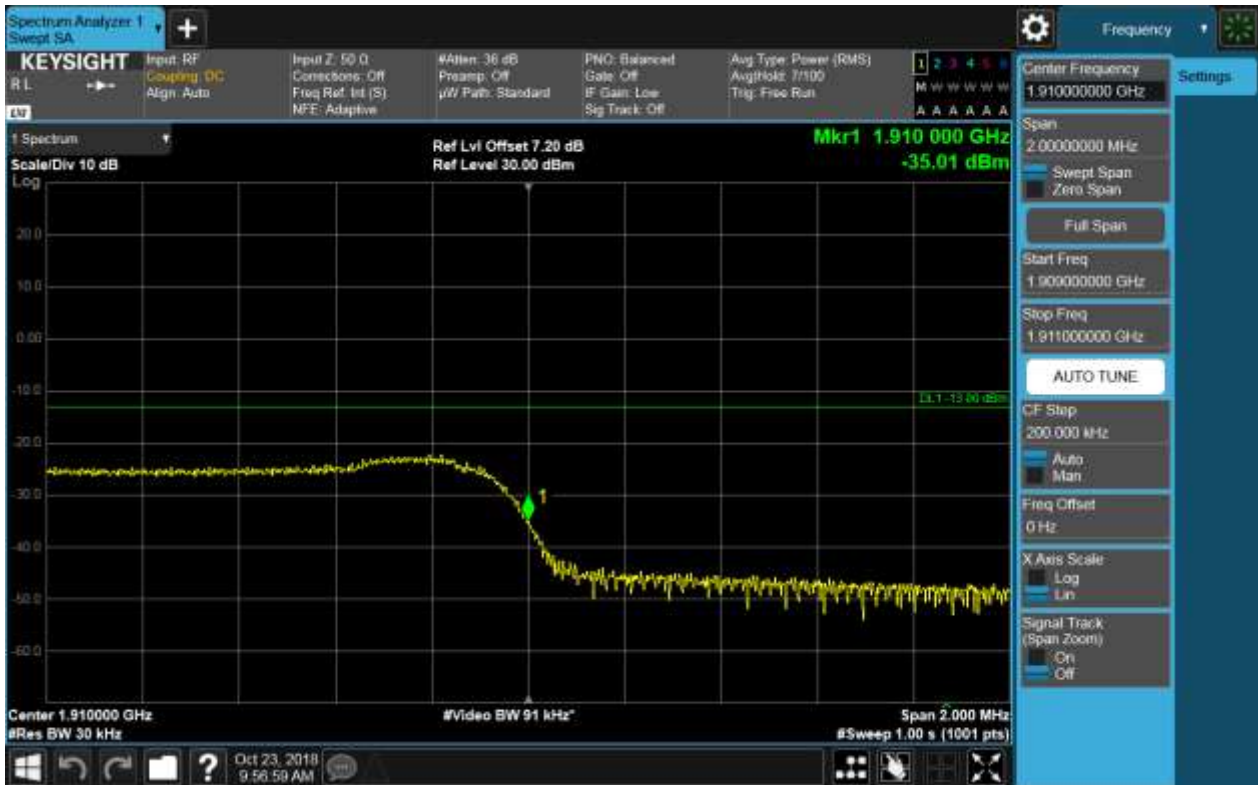


5.1.1.2.2.1.4 Test RB = RB15#0

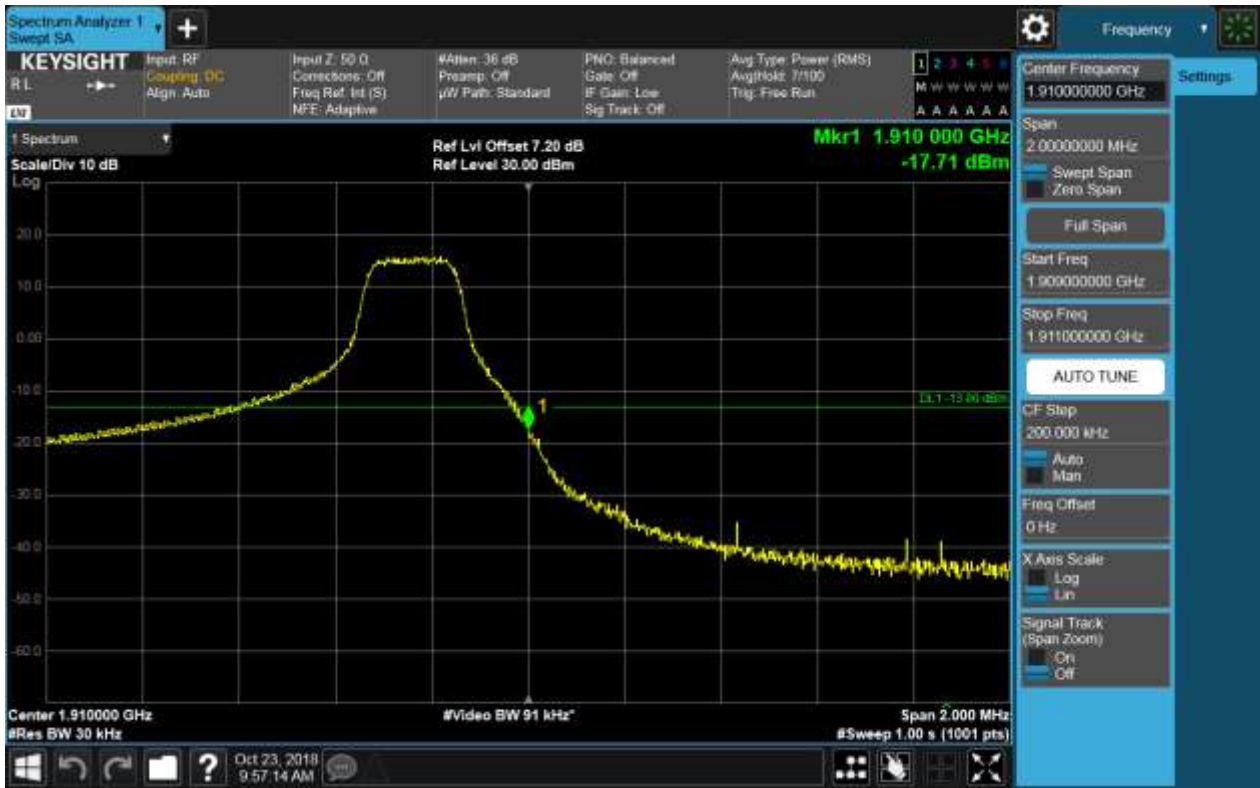


5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB = RB1#0



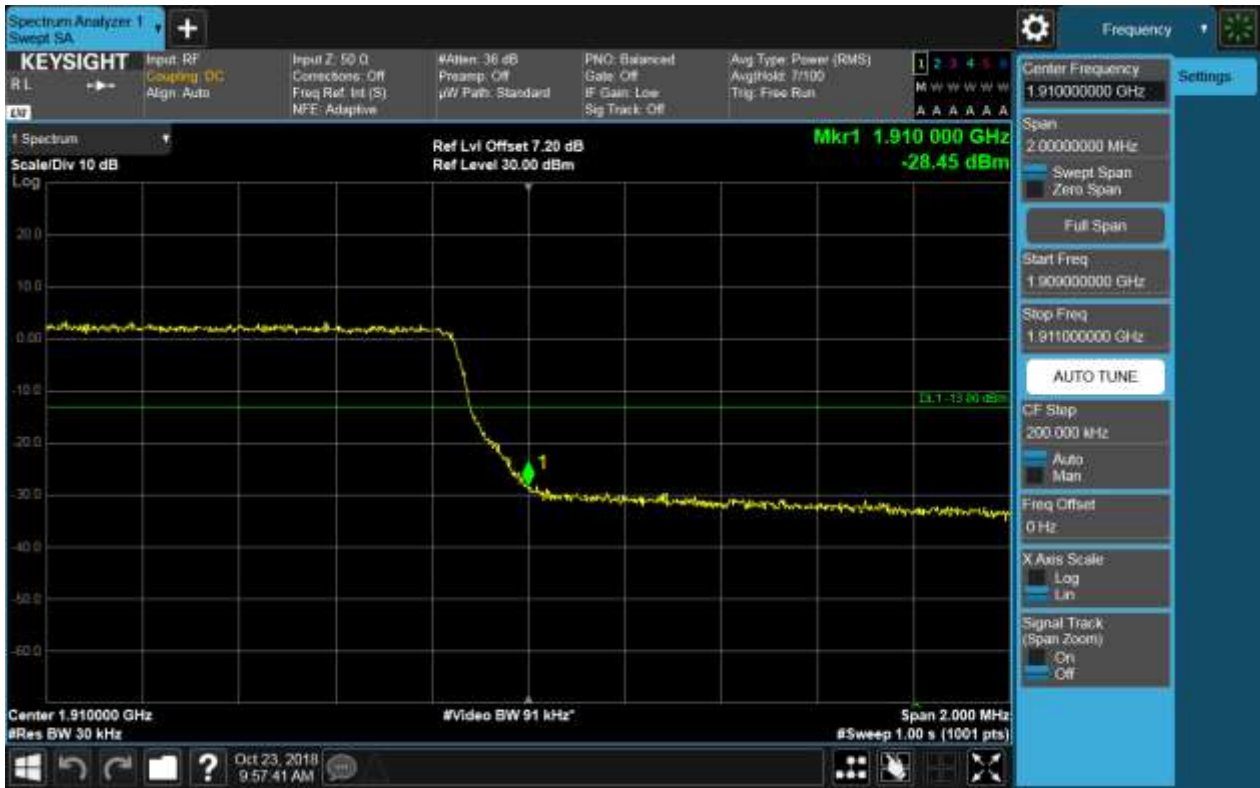
5.1.1.2.2.2 Test RB = RB1#14



5.1.1.2.2.3 Test RB = RB8#4



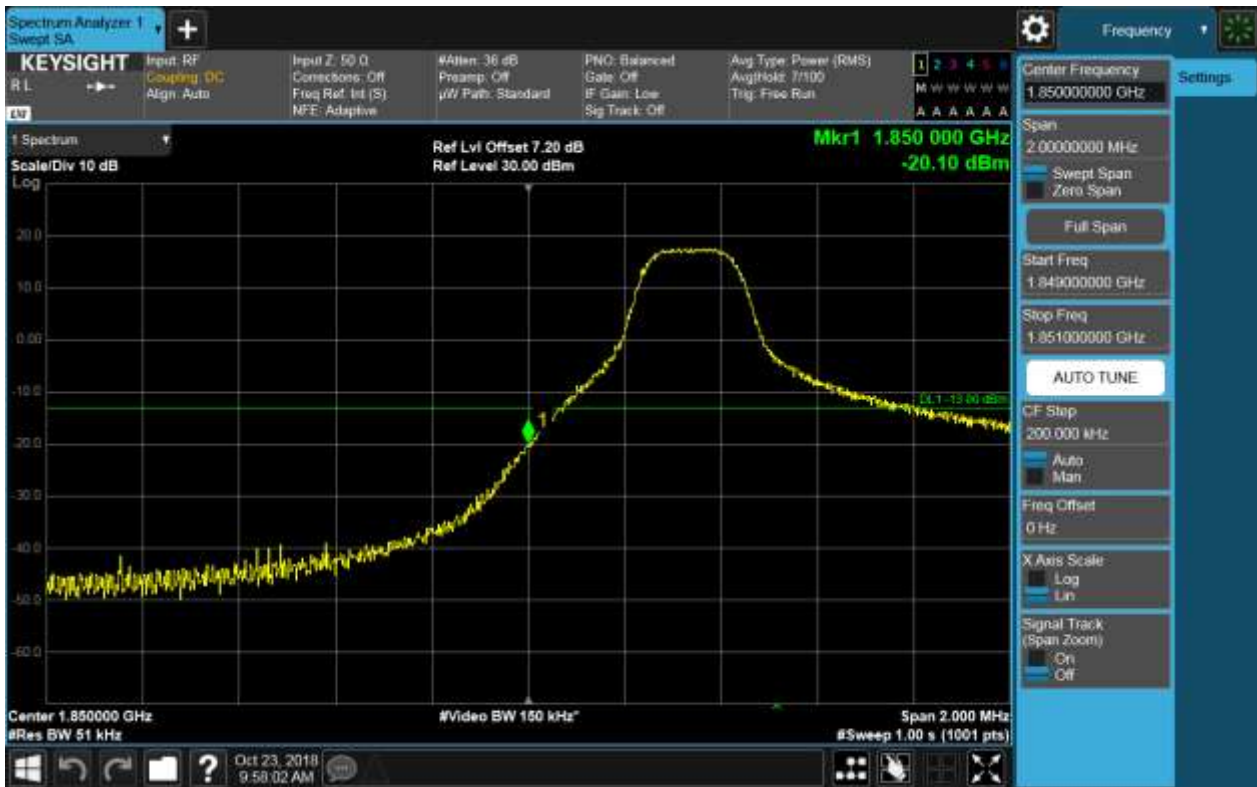
5.1.1.2.2.4 Test RB = RB15#0



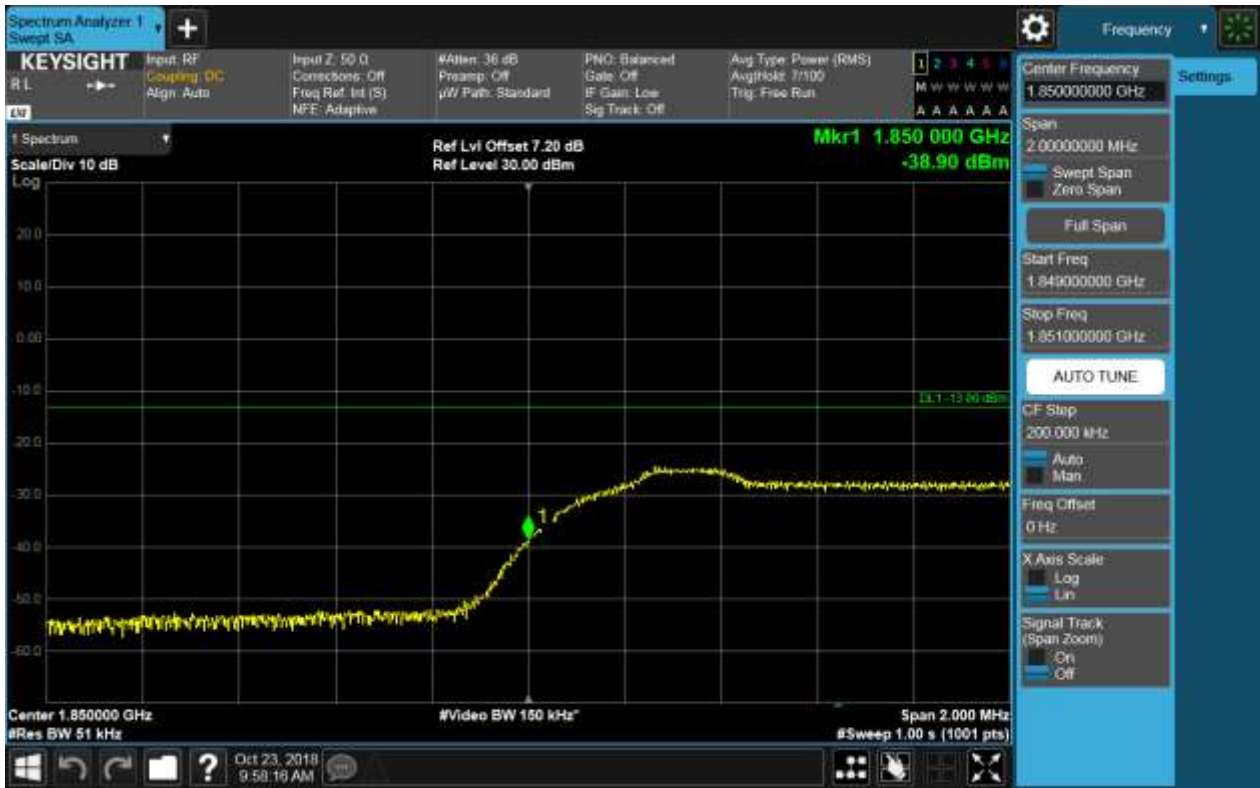
5.1.1.2.3 Test Bandwidth = 5

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#24



5.1.1.2.3.1.3 Test RB = RB12#6

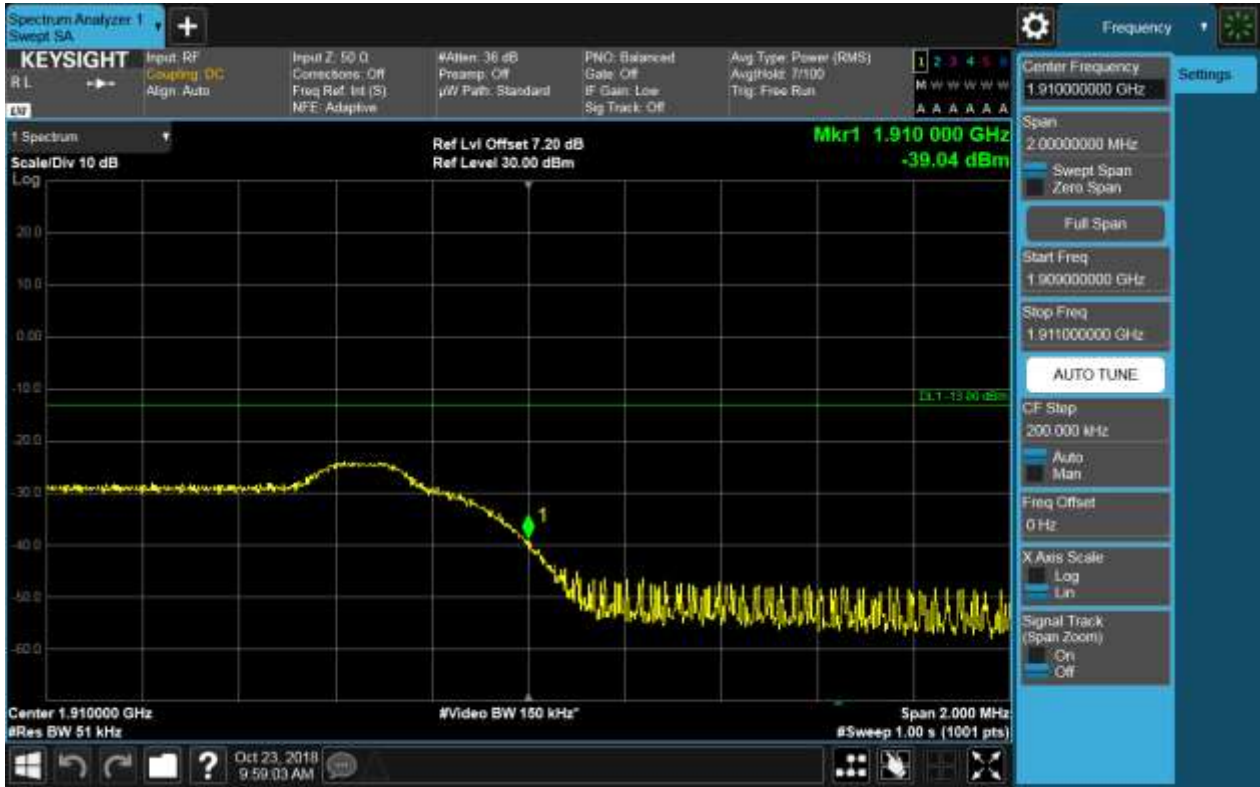


5.1.1.2.3.1.4 Test RB = RB25#0

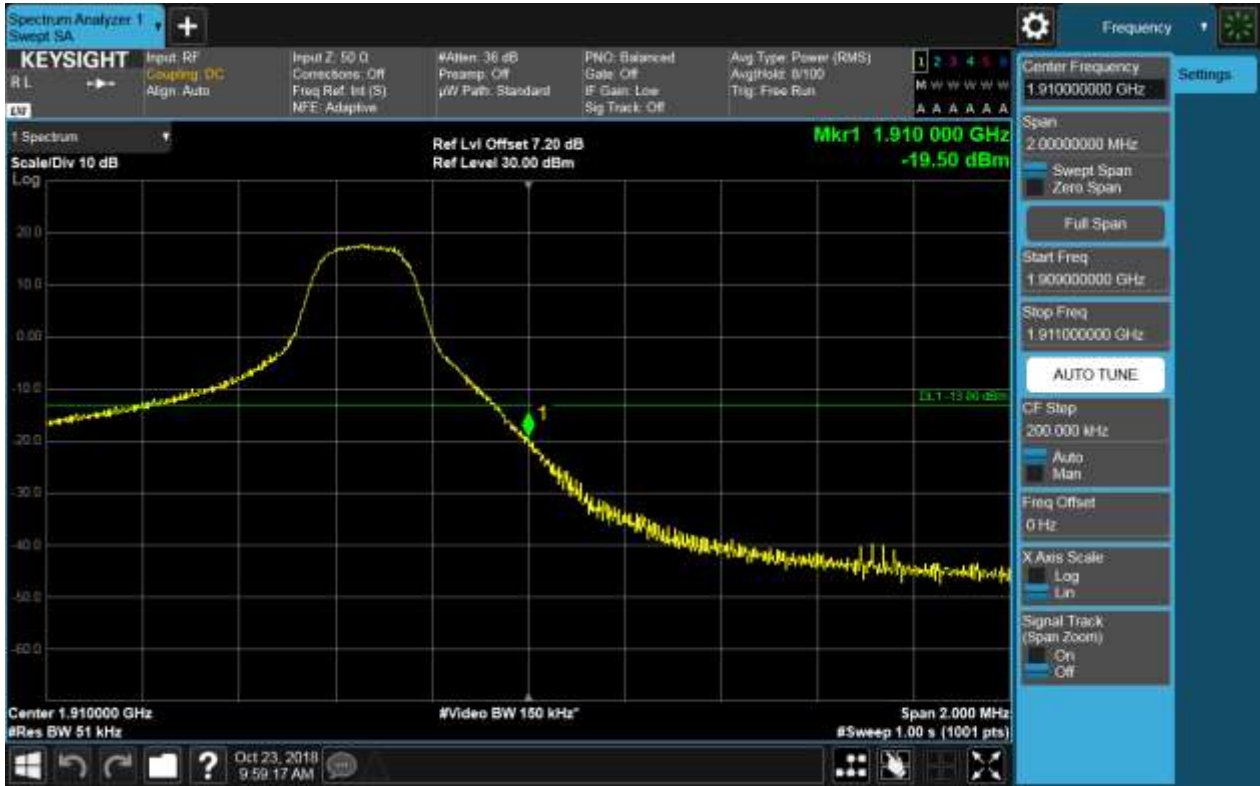


5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



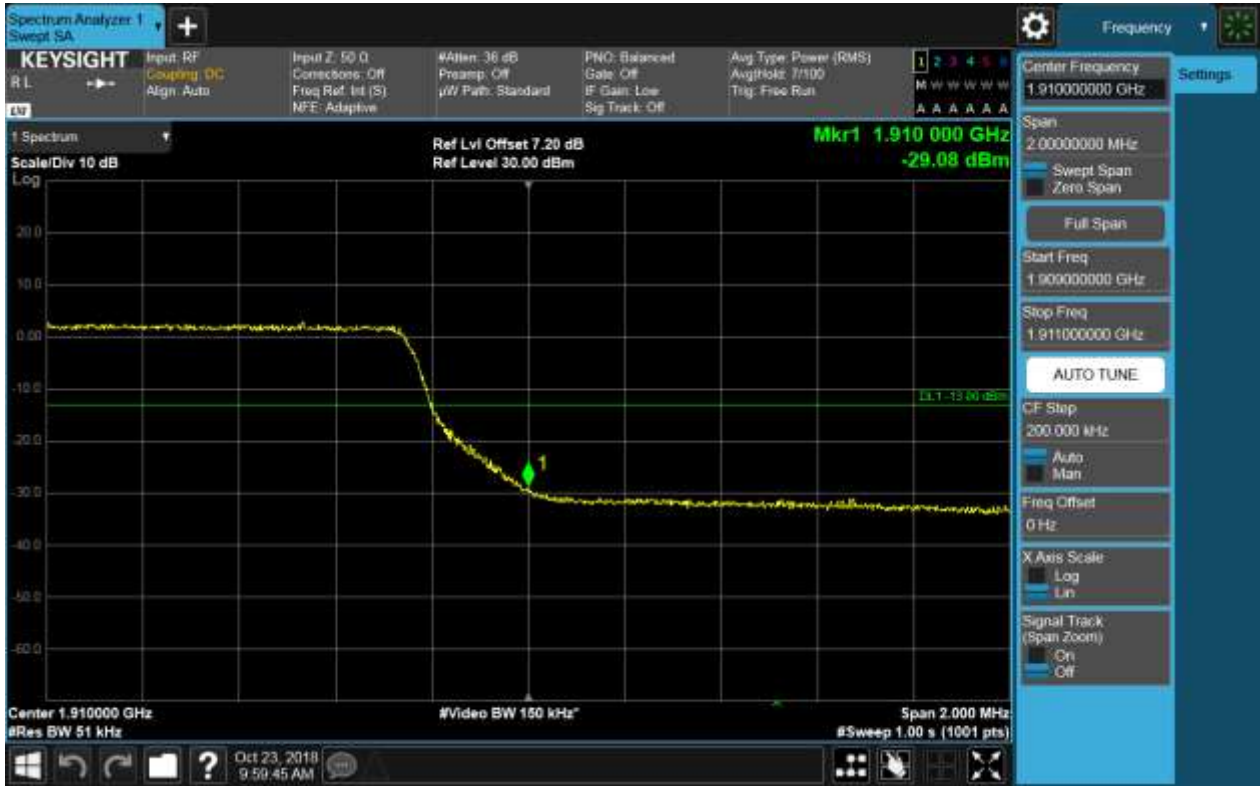
5.1.1.2.3.2.2 Test RB = RB1#24



5.1.1.2.3.2.3 Test RB = RB12#6



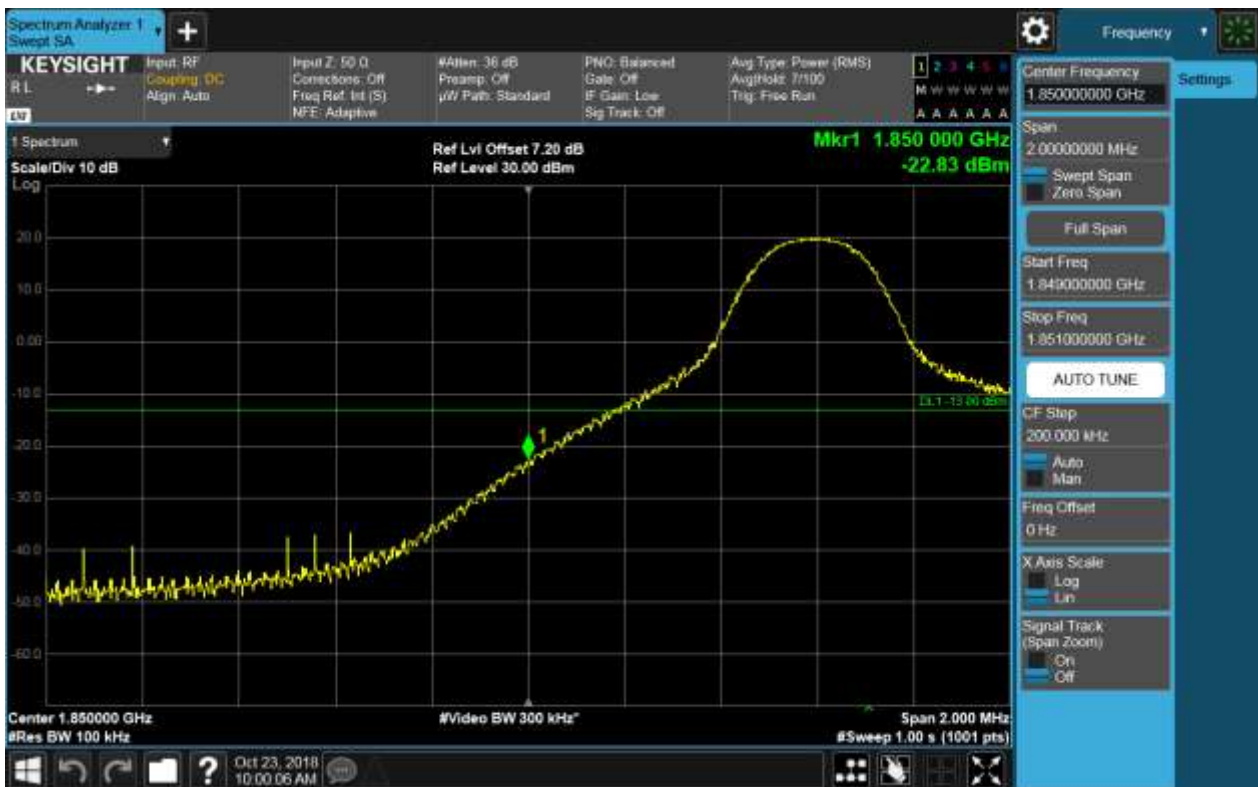
5.1.1.2.3.2.4 Test RB = RB25#0



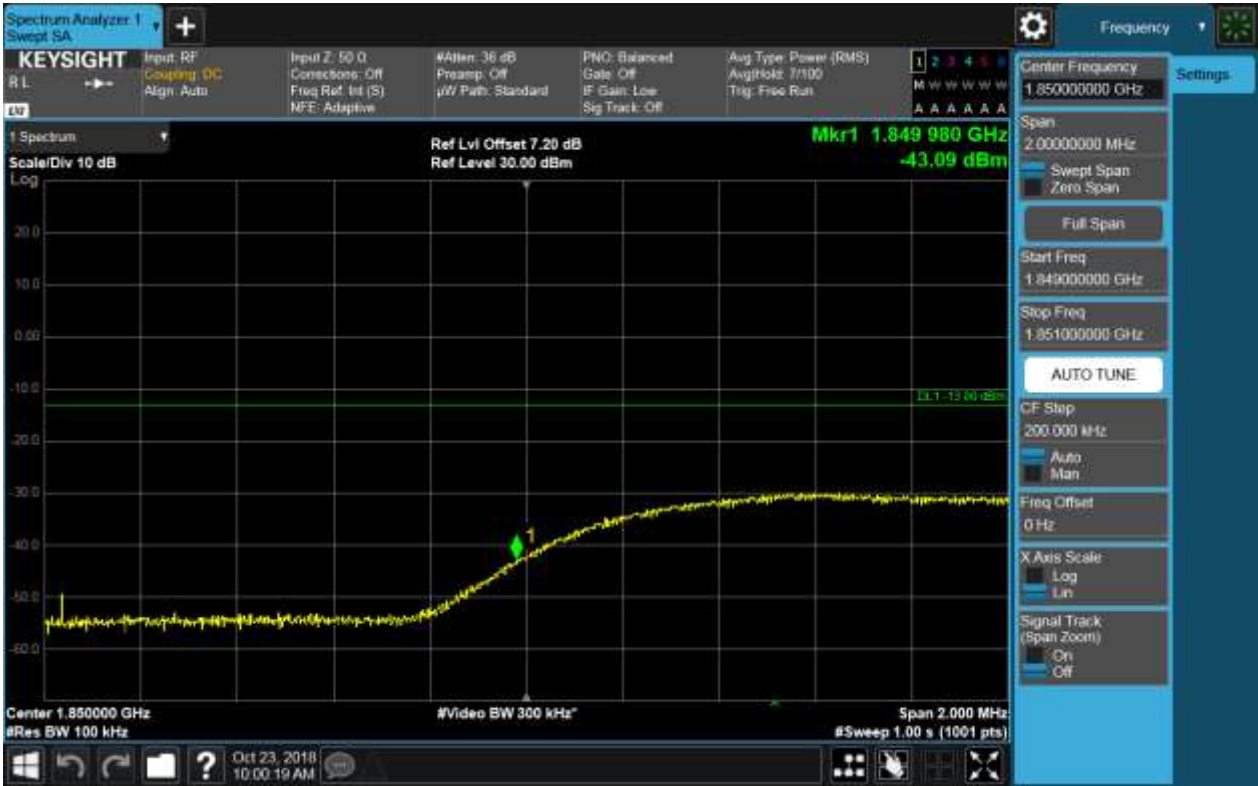
5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

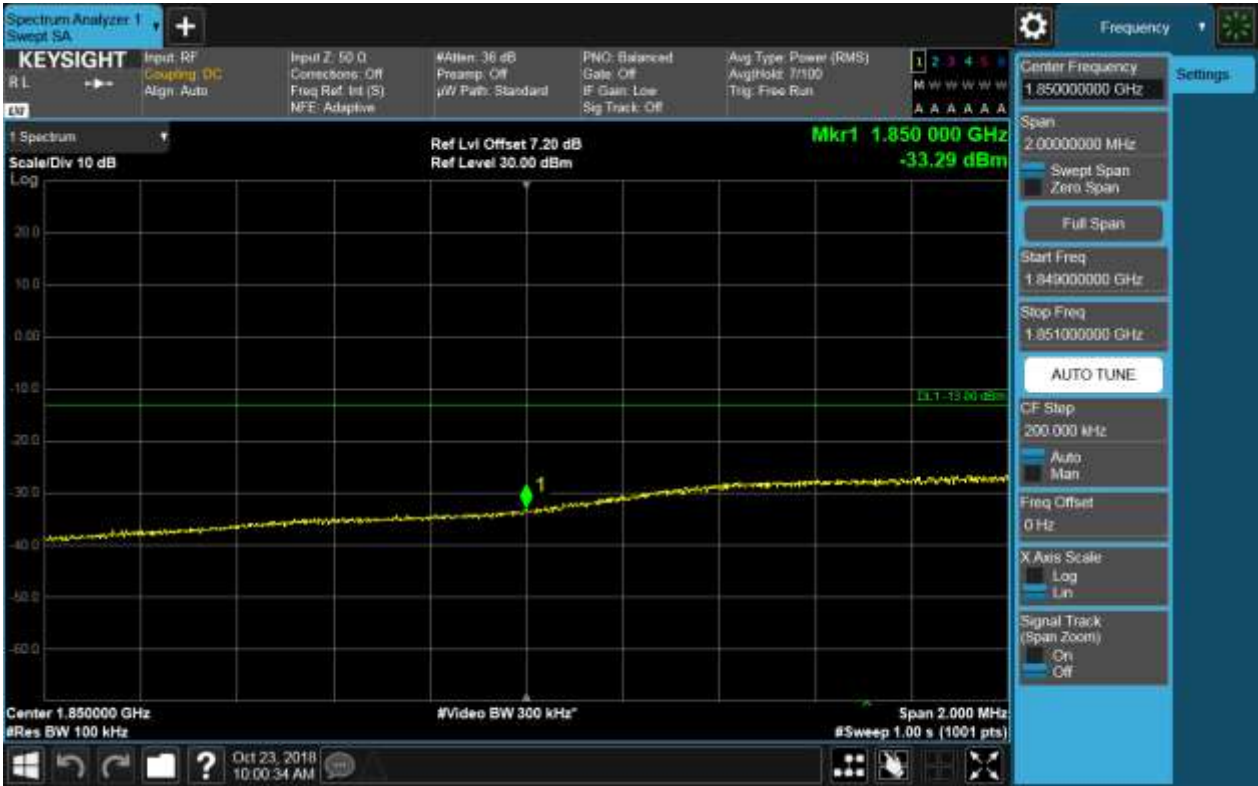
5.1.1.2.4.1.1 Test RB = RB1#0



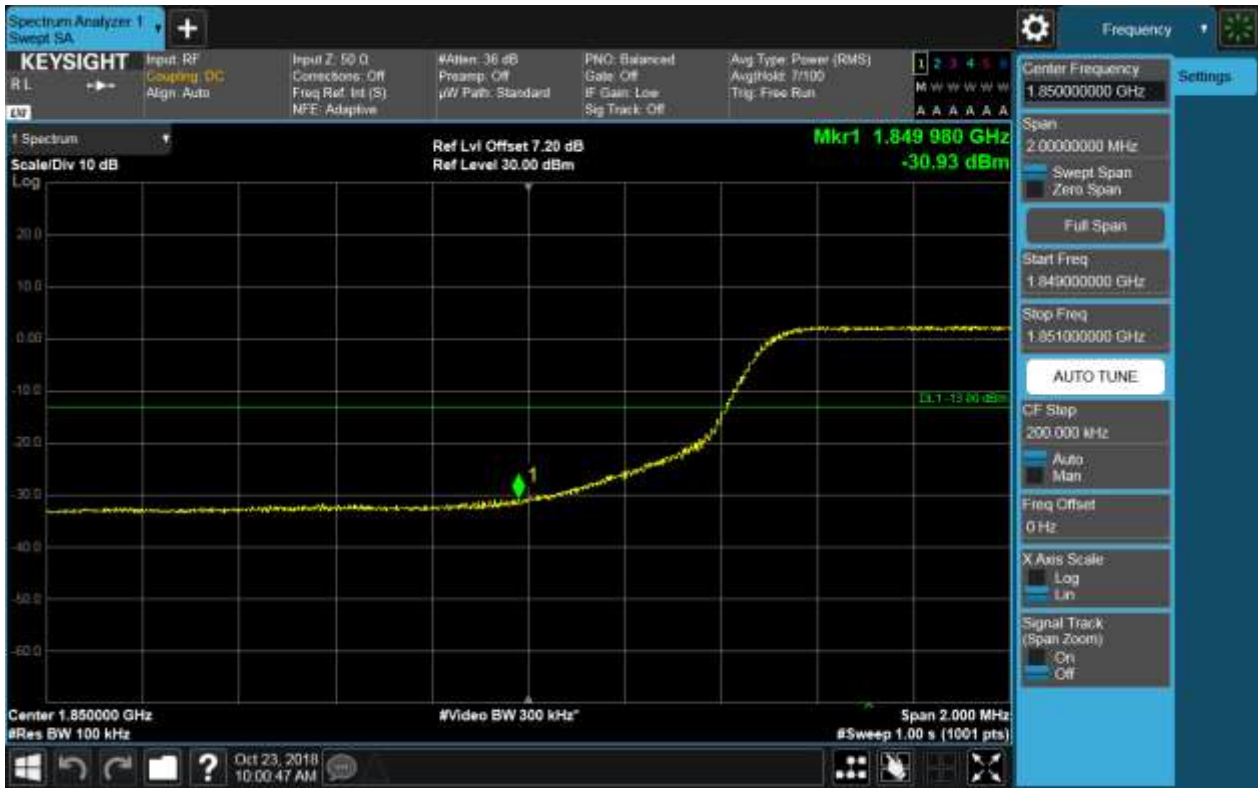
5.1.1.2.4.1.2 Test RB = RB1#49



5.1.1.2.4.1.3 Test RB = RB25#13

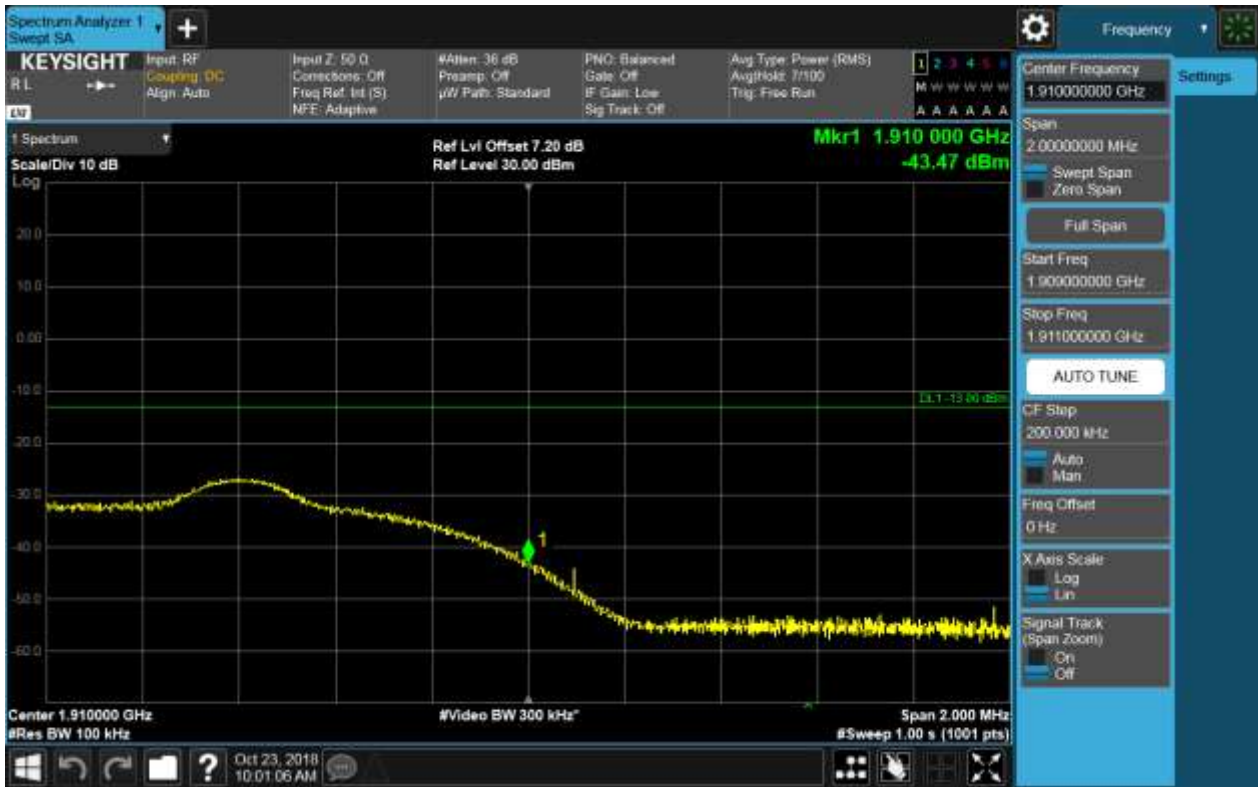


5.1.1.2.4.1.4 Test RB = RB50#0

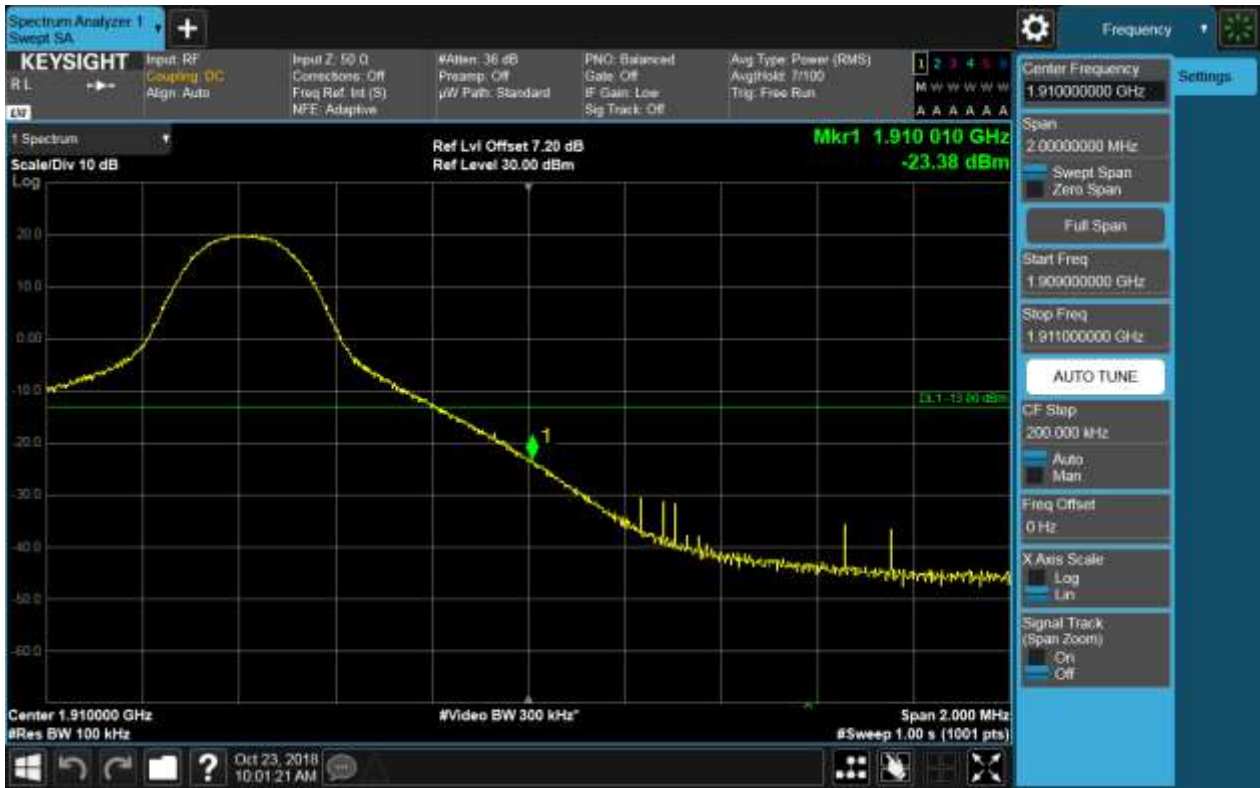


5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



5.1.1.2.4.2.2 Test RB = RB1#49



5.1.1.2.4.2.3 Test RB = RB25#13



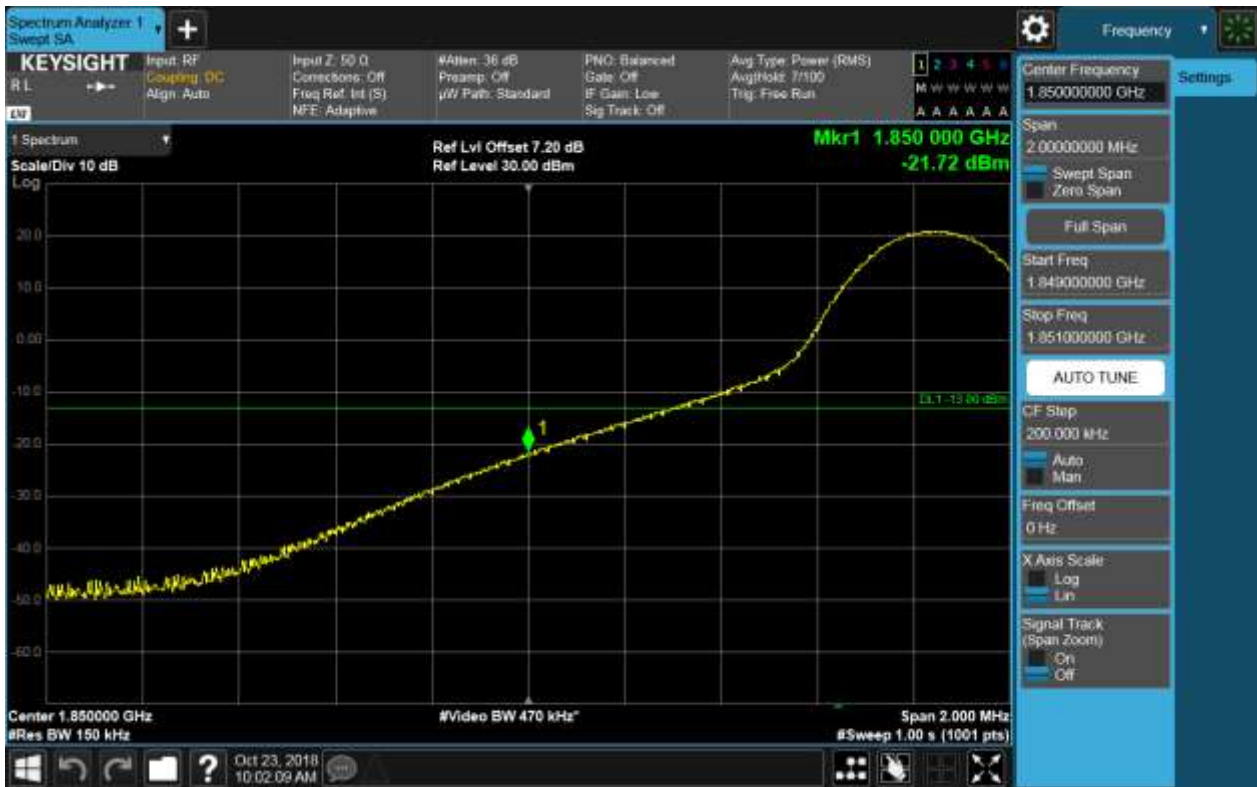
5.1.1.2.4.2.4 Test RB = RB50#0



5.1.1.2.5 Test Bandwidth = 15

5.1.1.2.5.1 Test Channel = LCH

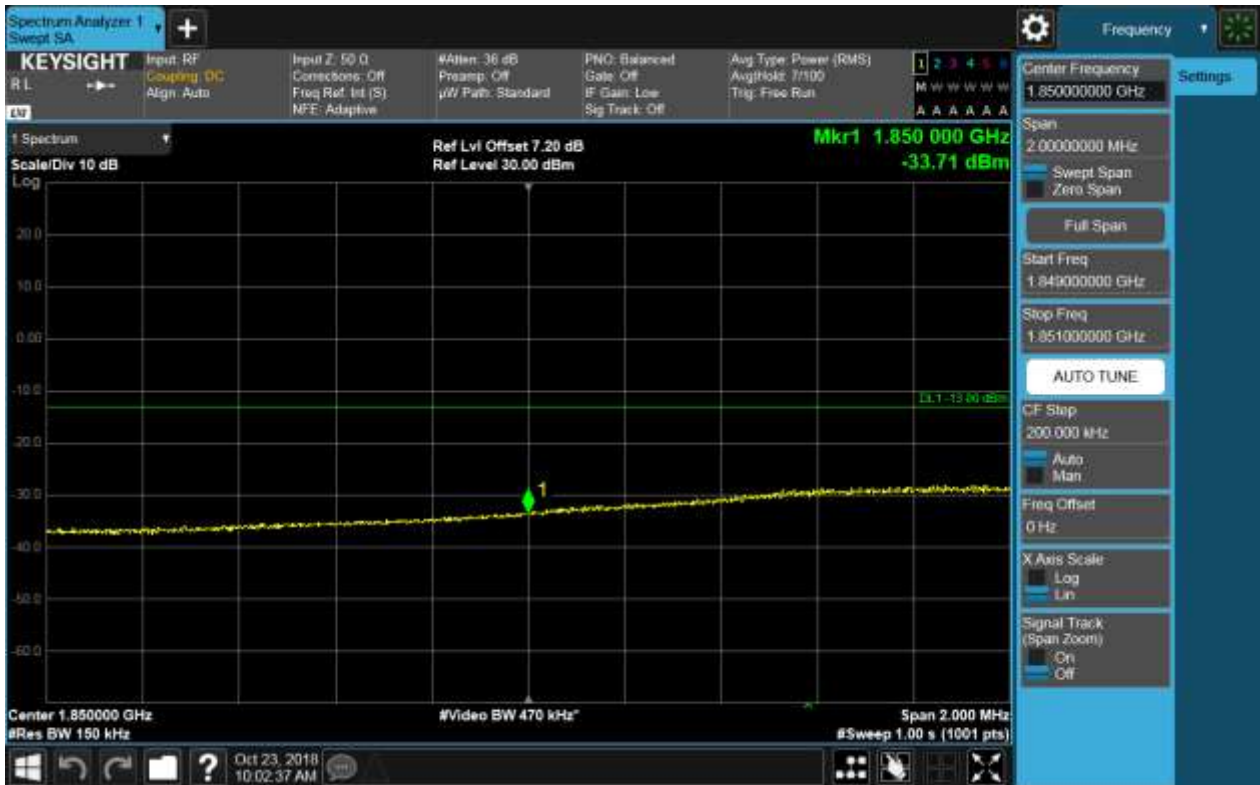
5.1.1.2.5.1.1 Test RB = RB1#0



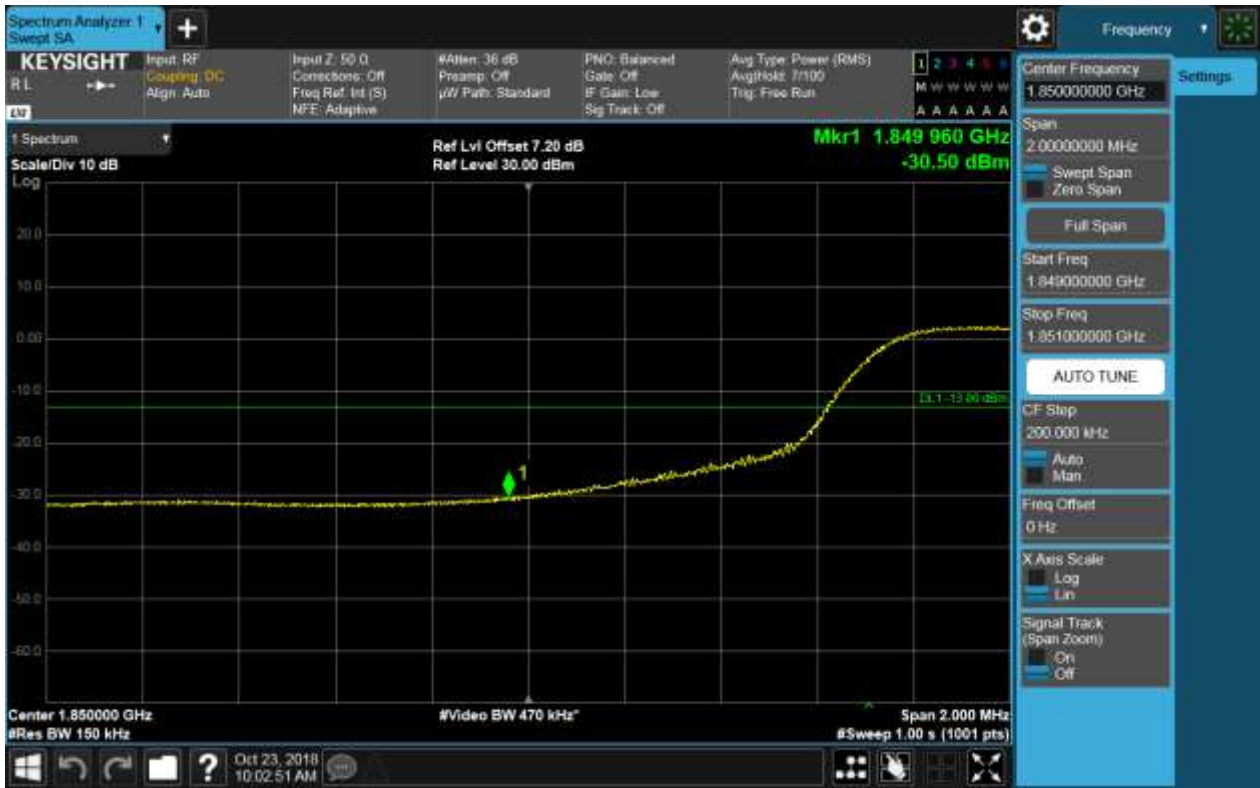
5.1.1.2.5.1.2 Test RB = RB1#74



5.1.1.2.5.1.3 Test RB = RB38#19

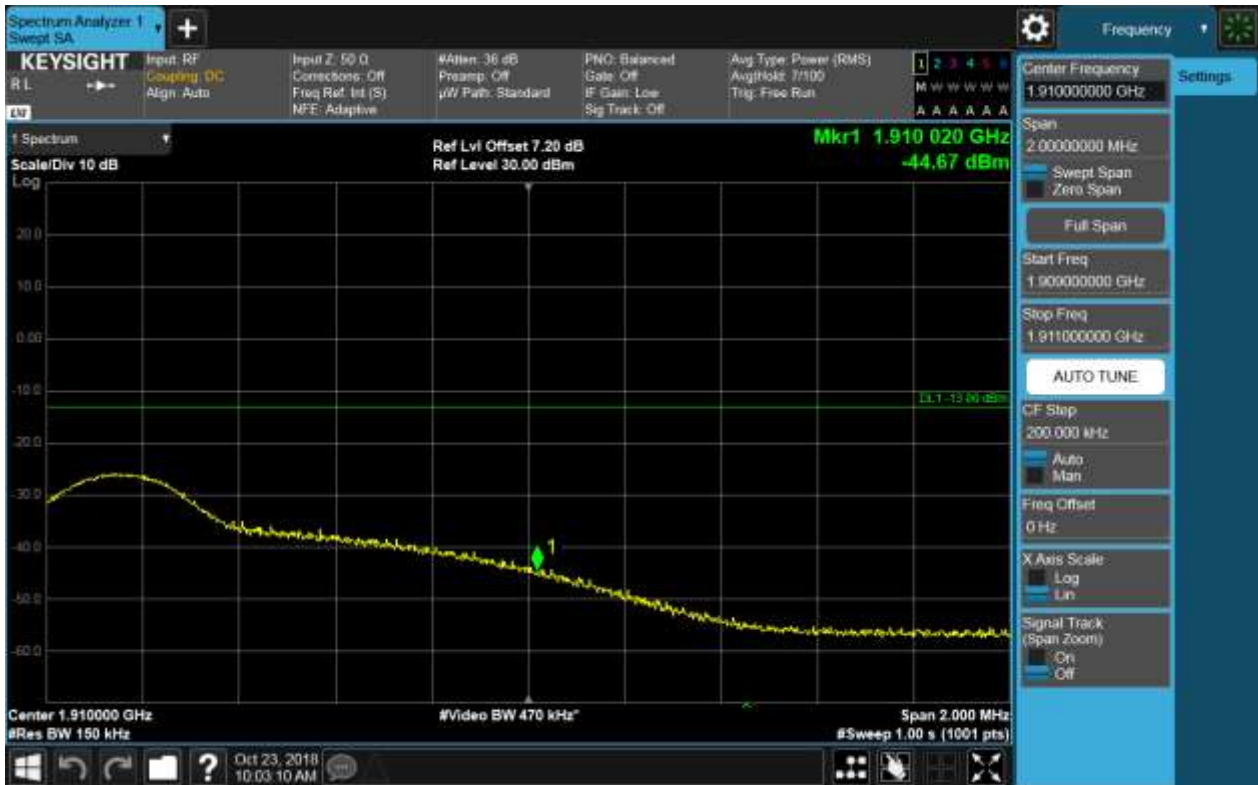


5.1.1.2.5.1.4 Test RB = RB75#0

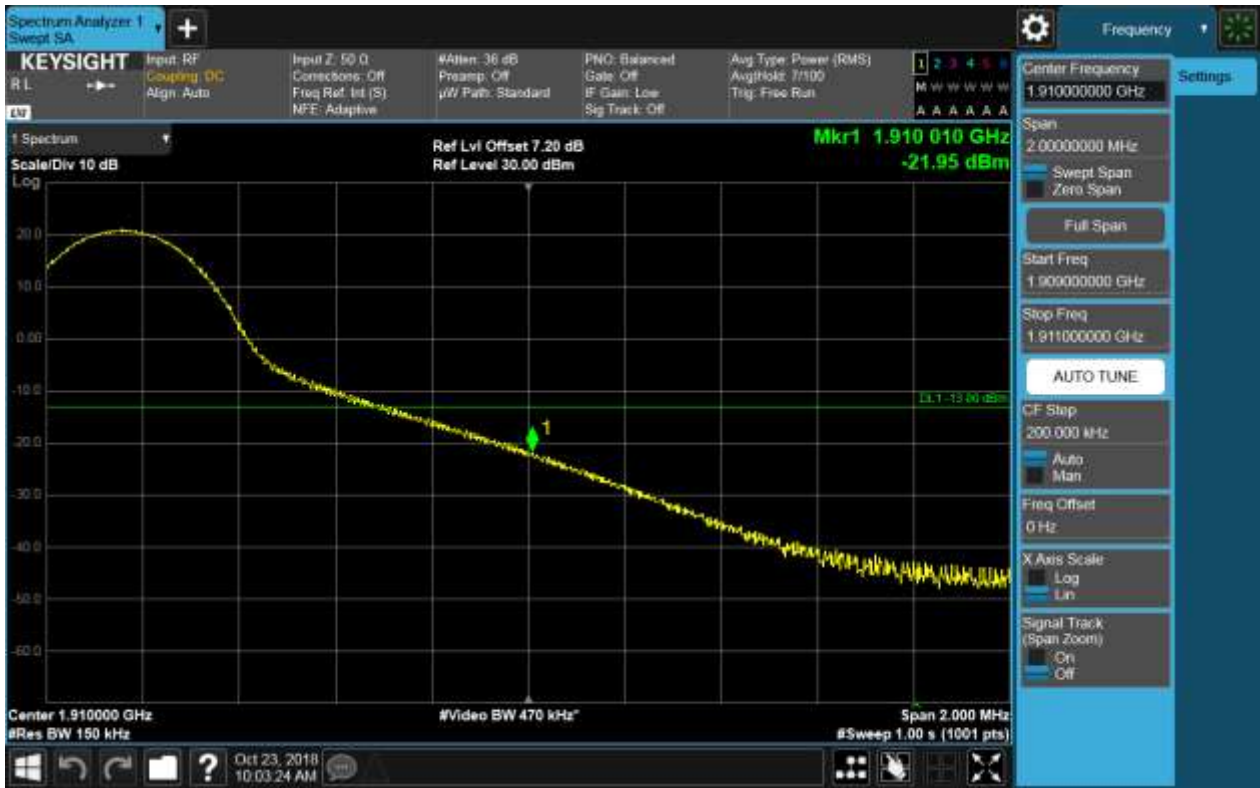


5.1.1.2.5.2 Test Channel = HCH

5.1.1.2.5.2.1 Test RB = RB1#0



5.1.1.2.5.2.2 Test RB = RB1#74



5.1.1.2.5.2.3 Test RB = RB38#19



5.1.1.2.5.2.4 Test RB = RB75#0



5.1.1.2.6 Test Bandwidth = 20

5.1.1.2.6.1 Test Channel = LCH

5.1.1.2.6.1.1 Test RB = RB1#0



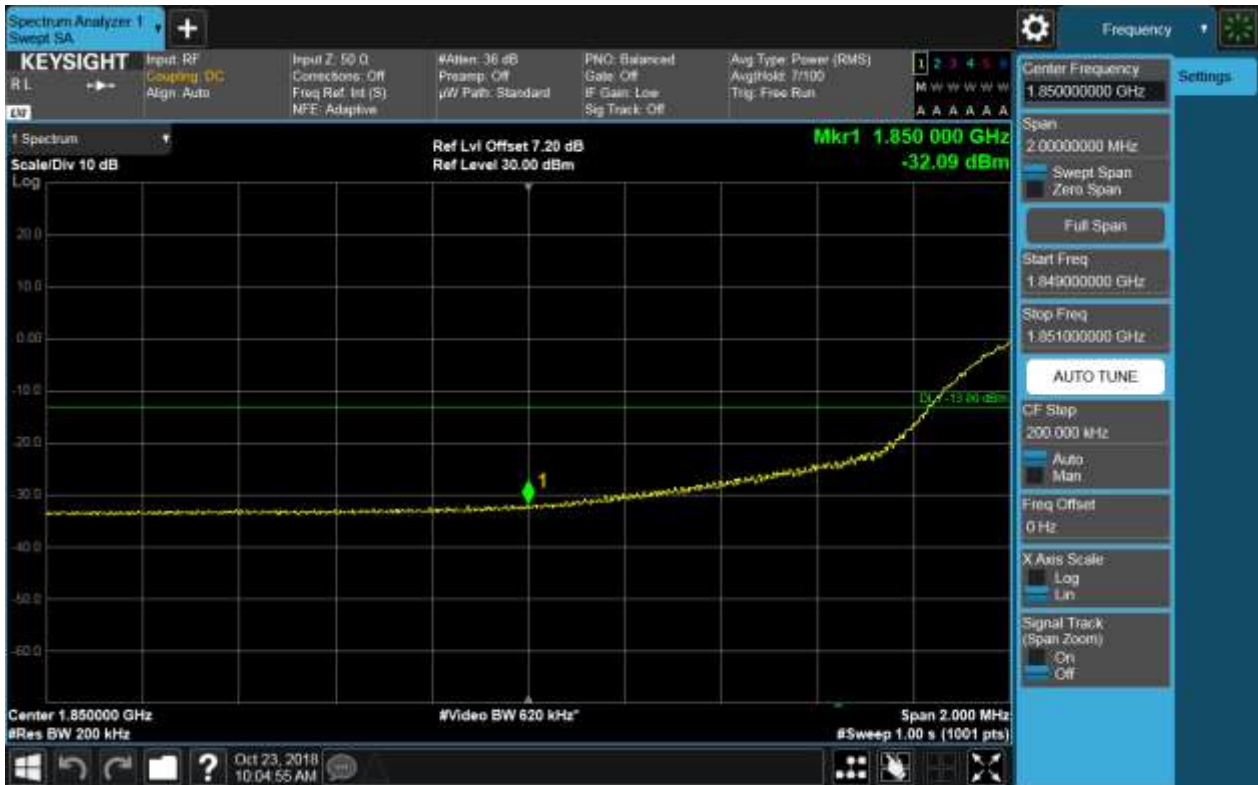
5.1.1.2.6.1.2 Test RB = RB1#99



5.1.1.2.6.1.3 Test RB = RB50#25

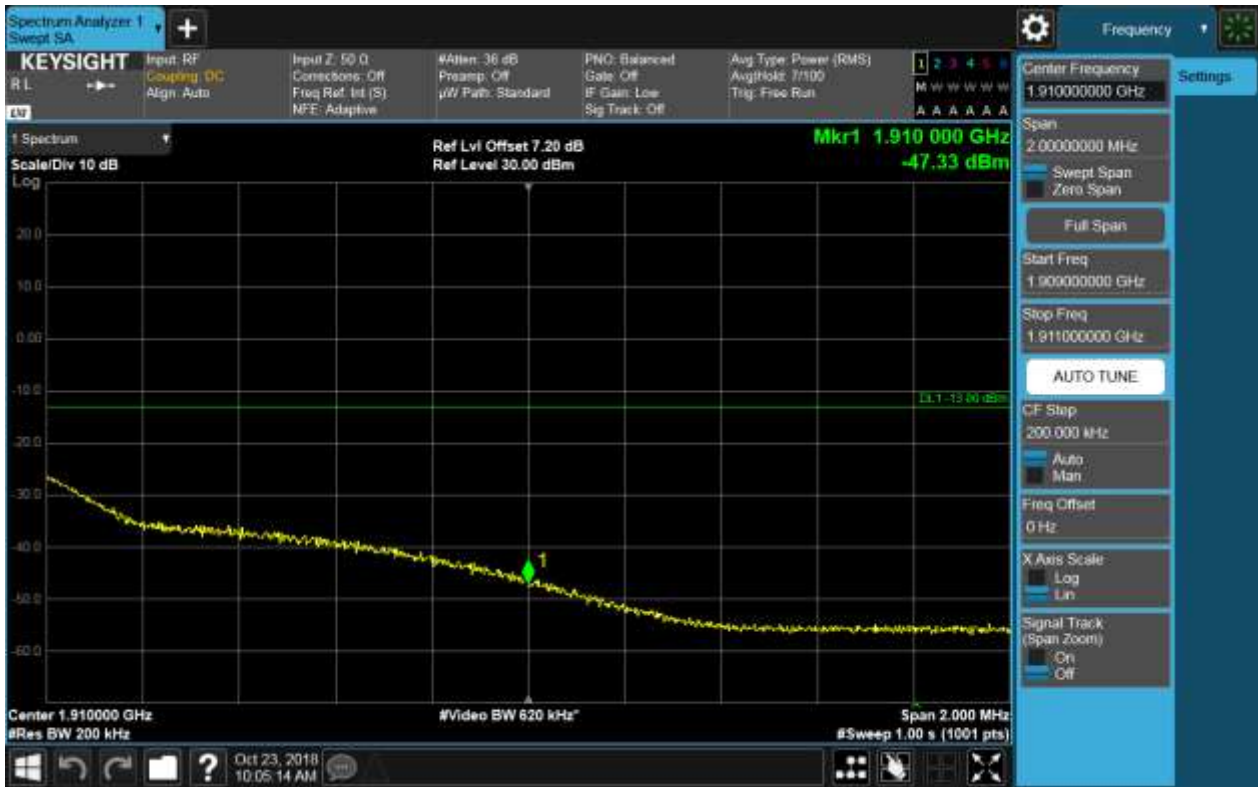


5.1.1.2.6.1.4 Test RB = RB100#0



5.1.1.2.6.2 Test Channel = HCH

5.1.1.2.6.2.1 Test RB = RB1#0



5.1.1.2.6.2.3 Test RB = RB50#25



5.1.1.2.6.2.4 Test RB = RB100#0

