



# Appendix for test report

**1Appendix\_A: Effective (Isotropic) Radiated Power Output Data****Part I - Test Results**

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB1#0	22.47	22.67	33	PASS
				RB1#3	22.41	22.61	33	PASS
				RB1#5	22.44	22.64	33	PASS
				RB3#0	22.4	22.6	33	PASS
				RB3#2	22.55	22.75	33	PASS
				RB3#3	22.62	22.82	33	PASS
				RB6#0	21.51	21.71	33	PASS
			MCH	RB1#0	22.53	22.73	33	PASS
				RB1#3	22.67	22.87	33	PASS
				RB1#5	22.59	22.79	33	PASS
				RB3#0	22.39	22.59	33	PASS
				RB3#2	22.62	22.82	33	PASS
				RB3#3	22.47	22.67	33	PASS
				RB6#0	21.39	21.59	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.42	22.62	33	PASS
				RB1#3	22.46	22.66	33	PASS
				RB1#5	22.42	22.62	33	PASS
				RB3#0	22.54	22.74	33	PASS
				RB3#2	22.82	23.02	33	PASS
				RB3#3	22.65	22.85	33	PASS
				RB6#0	21.43	21.63	33	PASS
		3	LCH	RB1#0	22.81	23.01	33	PASS
				RB1#7	22.91	23.11	33	PASS
				RB1#14	22.85	23.05	33	PASS
				RB8#0	21.47	21.67	33	PASS
				RB8#4	21.46	21.66	33	PASS
				RB8#7	21.47	21.67	33	PASS
				RB15#0	21.48	21.68	33	PASS
		MCH	RB1#0	22.22	22.42	33	PASS	
			RB1#7	22.29	22.49	33	PASS	
			RB1#14	22.25	22.45	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.4	21.6	33	PASS	
				RB8#4	21.45	21.65	33	PASS	
				RB8#7	21.47	21.67	33	PASS	
				RB15#0	21.39	21.59	33	PASS	
			HCH	RB1#0	22.55	22.75	33	PASS	
				RB1#7	22.53	22.73	33	PASS	
				RB1#14	22.48	22.68	33	PASS	
				RB8#0	21.56	21.76	33	PASS	
				RB8#4	21.44	21.64	33	PASS	
				RB8#7	21.56	21.76	33	PASS	
				RB15#0	21.45	21.65	33	PASS	
				5	LCH	RB1#0	22.42	22.62	33
			RB1#13			22.75	22.95	33	PASS
			RB1#24			22.72	22.92	33	PASS
		RB12#0	21.51			21.71	33	PASS	
		RB12#6	21.49			21.69	33	PASS	
		RB12#13	21.44			21.64	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.46	21.66	33	PASS
			MCH	RB1#0	22.37	22.57	33	PASS
				RB1#13	22.71	22.91	33	PASS
				RB1#24	22.36	22.56	33	PASS
				RB12#0	21.45	21.65	33	PASS
				RB12#6	21.51	21.71	33	PASS
				RB12#13	21.42	21.62	33	PASS
				RB25#0	21.44	21.64	33	PASS
				HCH	RB1#0	22.06	22.26	33
			RB1#13		22.39	22.59	33	PASS
			RB1#24		21.98	22.18	33	PASS
			RB12#0		21.47	21.67	33	PASS
			RB12#6		21.47	21.67	33	PASS
			RB12#13		21.48	21.68	33	PASS
			RB25#0		21.46	21.66	33	PASS
		10	LCH	RB1#0	22.71	22.91	33	PASS
				RB1#25	22.89	23.09	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.77	22.97	33	PASS
				RB25#0	21.5	21.7	33	PASS
				RB25#13	21.51	21.71	33	PASS
				RB25#25	21.47	21.67	33	PASS
				RB50#0	21.49	21.69	33	PASS
			MCH	RB1#0	22.48	22.68	33	PASS
			MCH	RB1#25	22.68	22.88	33	PASS
			MCH	RB1#49	22.36	22.56	33	PASS
			MCH	RB25#0	21.45	21.65	33	PASS
			MCH	RB25#13	21.43	21.63	33	PASS
			MCH	RB25#25	21.44	21.64	33	PASS
			MCH	RB50#0	21.5	21.7	33	PASS
			HCH	RB1#0	22.61	22.81	33	PASS
			HCH	RB1#25	22.56	22.76	33	PASS
			HCH	RB1#49	22.55	22.75	33	PASS
			HCH	RB25#0	21.61	21.81	33	PASS
			HCH	RB25#13	21.5	21.7	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.51	21.71	33	PASS
				RB50#0	21.46	21.66	33	PASS
		15	LCH	RB1#0	22.75	22.95	33	PASS
				RB1#38	22.79	22.99	33	PASS
				RB1#74	22.55	22.75	33	PASS
				RB38#0	21.46	21.66	33	PASS
				RB38#19	21.47	21.67	33	PASS
				RB38#39	21.45	21.65	33	PASS
				RB75#0	21.43	21.63	33	PASS
			MCH	RB1#0	22.43	22.63	33	PASS
				RB1#38	22.47	22.67	33	PASS
				RB1#74	22.48	22.68	33	PASS
				RB38#0	21.48	21.68	33	PASS
				RB38#19	21.46	21.66	33	PASS
				RB38#39	21.49	21.69	33	PASS
HCH	RB1#0	22.64	22.84	33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.49	22.69	33	PASS
				RB1#74	22.51	22.71	33	PASS
				RB38#0	21.53	21.73	33	PASS
				RB38#19	21.52	21.72	33	PASS
				RB38#39	21.51	21.71	33	PASS
				RB75#0	21.52	21.72	33	PASS
				RB1#0	22.06	22.26	33	PASS
				RB1#50	22.63	22.83	33	PASS
				RB1#99	22.06	22.26	33	PASS
			LCH	RB50#0	21.45	21.65	33	PASS
				RB50#25	21.41	21.61	33	PASS
				RB50#50	21.46	21.66	33	PASS
				RB100#0	21.41	21.61	33	PASS
		20		RB1#0	22.15	22.35	33	PASS
				RB1#50	22.7	22.9	33	PASS
				RB1#99	22.32	22.52	33	PASS
			MCH	RB50#0	21.48	21.68	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.5	21.7	33	PASS
				RB50#50	21.48	21.68	33	PASS
				RB100#0	21.5	21.7	33	PASS
			HCH	RB1#0	22.62	22.82	33	PASS
				RB1#50	22.76	22.96	33	PASS
				RB1#99	22.49	22.69	33	PASS
				RB50#0	21.59	21.79	33	PASS
				RB50#25	21.57	21.77	33	PASS
				RB50#50	21.52	21.72	33	PASS
				RB100#0	21.56	21.76	33	PASS
				LCH	RB1#0	21.19	21.39	33
			RB1#3		21.29	21.49	33	PASS
			RB1#5		21.13	21.33	33	PASS
			RB3#0		21.3	21.5	33	PASS
			RB3#2		21.34	21.54	33	PASS
RB3#3	21.3	21.5	33		PASS			
RB6#0	20.47	20.67	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.69	21.89	33	PASS
				RB1#3	21.53	21.73	33	PASS
				RB1#5	21.34	21.54	33	PASS
				RB3#0	21.38	21.58	33	PASS
				RB3#2	21.51	21.71	33	PASS
				RB3#3	21.37	21.57	33	PASS
				RB6#0	20.37	20.57	33	PASS
			HCH	RB1#0	21.34	21.54	33	PASS
				RB1#3	21.31	21.51	33	PASS
				RB1#5	21.38	21.58	33	PASS
				RB3#0	21.67	21.87	33	PASS
				RB3#2	21.64	21.84	33	PASS
				RB3#3	21.58	21.78	33	PASS
				RB6#0	20.29	20.49	33	PASS
		3	LCH	RB1#0	21.72	21.92	33	PASS
				RB1#7	21.5	21.7	33	PASS
				RB1#14	21.36	21.56	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.41	20.61	33	PASS
				RB8#4	20.67	20.87	33	PASS
				RB8#7	20.46	20.66	33	PASS
				RB15#0	20.36	20.56	33	PASS
			MCH	RB1#0	21.37	21.57	33	PASS
				RB1#7	21.49	21.69	33	PASS
				RB1#14	21.03	21.23	33	PASS
				RB8#0	20.34	20.54	33	PASS
				RB8#4	20.39	20.59	33	PASS
				RB8#7	20.31	20.51	33	PASS
				RB15#0	20.31	20.51	33	PASS
				HCH	RB1#0	21.55	21.75	33
			RB1#7		21.43	21.63	33	PASS
			RB1#14		20.86	21.06	33	PASS
			RB8#0		20.46	20.66	33	PASS
			RB8#4		20.45	20.65	33	PASS
			RB8#7		20.53	20.73	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.61	20.81	33	PASS
		5	LCH	RB1#0	21.07	21.27	33	PASS
				RB1#13	20.92	21.12	33	PASS
				RB1#24	21.16	21.36	33	PASS
				RB12#0	20.32	20.52	33	PASS
				RB12#6	20.3	20.5	33	PASS
				RB12#13	20.33	20.53	33	PASS
				RB25#0	20.38	20.58	33	PASS
				MCH	RB1#0	20.88	21.08	33
			RB1#13		20.99	21.19	33	PASS
			RB1#24		20.79	20.99	33	PASS
			RB12#0		20.38	20.58	33	PASS
			RB12#6		20.44	20.64	33	PASS
			RB12#13		20.56	20.76	33	PASS
			RB25#0		20.64	20.84	33	PASS
			HCH	RB1#0	21.43	21.63	33	PASS
				RB1#13	21.42	21.62	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	21.1	21.3	33	PASS	
				RB12#0	20.45	20.65	33	PASS	
				RB12#6	20.53	20.73	33	PASS	
				RB12#13	20.52	20.72	33	PASS	
				RB25#0	20.47	20.67	33	PASS	
		10	LCH	RB1#0	21.52	21.72	33	PASS	
				RB1#25	21.94	22.14	33	PASS	
				RB1#49	21.45	21.65	33	PASS	
				RB25#0	20.55	20.75	33	PASS	
				RB25#13	20.86	21.06	33	PASS	
				RB25#25	20.86	21.06	33	PASS	
				RB50#0	20.58	20.78	33	PASS	
				MCH	RB1#0	21.32	21.52	33	PASS
					RB1#25	21.87	22.07	33	PASS
					RB1#49	21.4	21.6	33	PASS
		RB25#0	20.59		20.79	33	PASS		
		RB25#13	20.6		20.8	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.59	20.79	33	PASS
				RB50#0	20.51	20.71	33	PASS
			HCH	RB1#0	21.05	21.25	33	PASS
				RB1#25	21.52	21.72	33	PASS
				RB1#49	21.04	21.24	33	PASS
				RB25#0	20.68	20.88	33	PASS
				RB25#13	20.75	20.95	33	PASS
				RB25#25	20.7	20.9	33	PASS
				RB50#0	20.54	20.74	33	PASS
				15	LCH	RB1#0	21.65	21.85
		RB1#38	21.67			21.87	33	PASS
		RB1#74	21.54			21.74	33	PASS
		RB38#0	20.51			20.71	33	PASS
		RB38#19	20.61			20.81	33	PASS
		RB38#39	20.51			20.71	33	PASS
RB75#0	20.47	20.67	33			PASS		
	MCH	RB1#0	21.17	21.37	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.35	21.55	33	PASS
				RB1#74	21.22	21.42	33	PASS
				RB38#0	20.57	20.77	33	PASS
				RB38#19	20.54	20.74	33	PASS
				RB38#39	20.4	20.6	33	PASS
				RB75#0	20.53	20.73	33	PASS
			HCH	RB1#0	21.35	21.55	33	PASS
				RB1#38	21.52	21.72	33	PASS
				RB1#74	21.01	21.21	33	PASS
				RB38#0	20.52	20.72	33	PASS
				RB38#19	20.68	20.88	33	PASS
				RB38#39	20.56	20.76	33	PASS
		20	LCH	RB1#0	21.57	21.77	33	PASS
				RB1#50	22.05	22.25	33	PASS
				RB1#99	21.35	21.55	33	PASS
				RB50#0	20.57	20.77	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.56	20.76	33	PASS
				RB50#50	20.5	20.7	33	PASS
				RB100#0	20.48	20.68	33	PASS
			MCH	RB1#0	21.07	21.27	33	PASS
				RB1#50	21.79	21.99	33	PASS
				RB1#99	21.19	21.39	33	PASS
				RB50#0	20.6	20.8	33	PASS
				RB50#25	20.54	20.74	33	PASS
				RB50#50	20.53	20.73	33	PASS
				RB100#0	20.55	20.75	33	PASS
				HCH	RB1#0	21.42	21.62	33
			RB1#50		22.14	22.34	33	PASS
			RB1#99		21.7	21.9	33	PASS
			RB50#0		20.61	20.81	33	PASS
			RB50#25		20.77	20.97	33	PASS
			RB50#50		20.73	20.93	33	PASS
			RB100#0		20.6	20.8	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 exceed 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
BAND2	LTE/TM1	1.4	LCH	RB1#0	3.47	13	PASS
				RB1#3	3.45	13	PASS
				RB1#5	3.45	13	PASS
				RB3#0	3.89	13	PASS
				RB3#2	3.84	13	PASS
				RB3#3	3.83	13	PASS
				RB6#0	5.08	13	PASS
			MCH	RB1#0	3.58	13	PASS
				RB1#3	3.45	13	PASS
				RB1#5	3.52	13	PASS
				RB3#0	3.84	13	PASS
				RB3#2	3.76	13	PASS
				RB3#3	3.84	13	PASS
				RB6#0	4.86	13	PASS
		HCH	RB1#0	3.32	13	PASS	
			RB1#3	3.09	13	PASS	
			RB1#5	3.19	13	PASS	
			RB3#0	3.57	13	PASS	
			RB3#2	3.39	13	PASS	
			RB3#3	3.59	13	PASS	
			RB6#0	4.72	13	PASS	
		3	LCH	RB1#0	3.57	13	PASS
				RB1#7	3.35	13	PASS
				RB1#14	3.58	13	PASS
				RB8#0	4.48	13	PASS
				RB8#4	4.42	13	PASS
				RB8#7	4.55	13	PASS
				RB15#0	4.98	13	PASS
MCH	RB1#0		3.57	13	PASS		
	RB1#7		3.4	13	PASS		
	RB1#14		3.48	13	PASS		
	RB8#0		4.52	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	4.34	13	PASS	
				RB8#7	4.54	13	PASS	
				RB15#0	5.22	13	PASS	
			HCH	RB1#0	3.41	13	PASS	
				RB1#7	3.21	13	PASS	
				RB1#14	3.2	13	PASS	
				RB8#0	4.39	13	PASS	
				RB8#4	4.19	13	PASS	
				RB8#7	4.15	13	PASS	
			5	LCH	RB15#0	4.93	13	PASS
					RB1#0	3.48	13	PASS
					RB1#13	3.34	13	PASS
					RB1#24	3.44	13	PASS
					RB12#0	4.44	13	PASS
					RB12#6	4.41	13	PASS
		MCH		RB12#13	4.45	13	PASS	
				RB25#0	4.87	13	PASS	
				RB1#0	3.52	13	PASS	
				RB1#13	3.35	13	PASS	
				RB1#24	3.41	13	PASS	
				RB12#0	4.47	13	PASS	
		HCH	RB12#6	4.31	13	PASS		
			RB12#13	4.36	13	PASS		
			RB25#0	5.05	13	PASS		
			RB1#0	3.53	13	PASS		
			RB1#13	3.44	13	PASS		
			RB1#24	3.35	13	PASS		
			RB12#0	4.48	13	PASS		
		10	LCH	RB12#6	4.33	13	PASS	
				RB12#13	4.36	13	PASS	
				RB25#0	5.02	13	PASS	
				RB1#0	3.45	13	PASS	
				RB1#25	3.49	13	PASS	
RB1#49	3.49			13	PASS			
MCH	RB25#0		4.53	13	PASS			
			LCH	RB25#13	4.47	13	PASS	
				RB25#25	4.55	13	PASS	
			MCH	RB50#0	5.66	13	PASS	
			MCH	RB1#0	3.63	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	3.44	13	PASS
				RB1#49	3.44	13	PASS
				RB25#0	4.55	13	PASS
				RB25#13	4.48	13	PASS
				RB25#25	4.44	13	PASS
				RB50#0	4.89	13	PASS
			HCH	RB1#0	3.31	13	PASS
				RB1#25	3.43	13	PASS
				RB1#49	3.09	13	PASS
				RB25#0	4.5	13	PASS
				RB25#13	4.43	13	PASS
				RB25#25	4.42	13	PASS
		15	LCH	RB1#0	3.44	13	PASS
				RB1#38	3.56	13	PASS
				RB1#74	3.61	13	PASS
				RB38#0	4.6	13	PASS
				RB38#19	4.63	13	PASS
				RB38#39	4.66	13	PASS
			MCH	RB75#0	5.44	13	PASS
				RB1#0	3.6	13	PASS
				RB1#38	3.42	13	PASS
				RB1#74	3.29	13	PASS
				RB38#0	4.56	13	PASS
				RB38#19	4.4	13	PASS
		HCH	RB38#39	4.43	13	PASS	
			RB75#0	5.24	13	PASS	
			RB1#0	3.26	13	PASS	
			RB1#38	3.49	13	PASS	
			RB1#74	3.15	13	PASS	
			RB38#0	4.45	13	PASS	
		20	LCH	RB38#19	4.38	13	PASS
				RB38#39	4.48	13	PASS
				RB75#0	5.22	13	PASS
RB1#0	3.54			13	PASS		
RB1#50	3.64			13	PASS		
RB1#99	3.68	13	PASS				
RB50#0	4.7	13	PASS				
RB50#25	4.7	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#50	4.78	13	PASS	
				RB100#0	5.13	13	PASS	
			MCH	RB1#0	3.68	13	PASS	
				RB1#50	3.41	13	PASS	
				RB1#99	3.33	13	PASS	
				RB50#0	4.68	13	PASS	
				RB50#25	4.48	13	PASS	
				RB50#50	4.44	13	PASS	
			RB100#0	5.01	13	PASS		
			HCH	RB1#0	3.19	13	PASS	
				RB1#50	3.33	13	PASS	
				RB1#99	3.22	13	PASS	
				RB50#0	4.41	13	PASS	
				RB50#25	4.38	13	PASS	
	RB50#50	4.53		13	PASS			
	RB100#0	5.26	13	PASS				
		LTE/TM2	1.4	LCH	RB1#0	4.37	13	PASS
					RB1#3	4.37	13	PASS
					RB1#5	4.4	13	PASS
					RB3#0	4.68	13	PASS
					RB3#2	4.52	13	PASS
					RB3#3	4.61	13	PASS
					RB6#0	5.41	13	PASS
				MCH	RB1#0	4.45	13	PASS
					RB1#3	4.4	13	PASS
					RB1#5	4.41	13	PASS
					RB3#0	4.59	13	PASS
					RB3#2	4.46	13	PASS
					RB3#3	4.55	13	PASS
				HCH	RB6#0	5.58	13	PASS
RB1#0			4.08		13	PASS		
RB1#3			4.03		13	PASS		
RB1#5	4	13	PASS					
RB3#0	4.44	13	PASS					
RB3#2	4.19	13	PASS					
RB3#3	4.27	13	PASS					
RB6#0	5.74	13	PASS					
3	LCH	RB1#0	4.22	13	PASS			
		RB1#7	4.16	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.29	13	PASS
				RB8#0	5.23	13	PASS
				RB8#4	5.18	13	PASS
				RB8#7	5.32	13	PASS
				RB15#0	6.02	13	PASS
			MCH	RB1#0	4.28	13	PASS
				RB1#7	4.29	13	PASS
				RB1#14	4.38	13	PASS
				RB8#0	5.3	13	PASS
				RB8#4	5.17	13	PASS
				RB8#7	5.18	13	PASS
				RB15#0	5.85	13	PASS
			HCH	RB1#0	4.38	13	PASS
				RB1#7	4.06	13	PASS
				RB1#14	4.15	13	PASS
		RB8#0		5.41	13	PASS	
		RB8#4		5.36	13	PASS	
		RB8#7		5.24	13	PASS	
		RB15#0		5.73	13	PASS	
		5	LCH	RB1#0	4.45	13	PASS
				RB1#13	4.42	13	PASS
				RB1#24	4.48	13	PASS
				RB12#0	5.33	13	PASS
				RB12#6	5.32	13	PASS
				RB12#13	5.34	13	PASS
				RB25#0	5.77	13	PASS
			MCH	RB1#0	4.48	13	PASS
				RB1#13	4.38	13	PASS
				RB1#24	4.41	13	PASS
				RB12#0	5.31	13	PASS
RB12#6	5.18			13	PASS		
RB12#13	5.26			13	PASS		
RB25#0	6.05			13	PASS		
HCH	RB1#0		4.12	13	PASS		
	RB1#13	3.98	13	PASS			
	RB1#24	3.91	13	PASS			
	RB12#0	5.32	13	PASS			
	RB12#6	5.19	13	PASS			
	RB12#13	5.15	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB25#0	5.84	13	PASS
				RB1#0	4.63	13	PASS
				RB1#25	4.51	13	PASS
				RB1#49	4.69	13	PASS
				RB25#0	5.52	13	PASS
				RB25#13	5.39	13	PASS
				RB25#25	5.58	13	PASS
				RB50#0	6.08	13	PASS
			MCH	RB1#0	4.54	13	PASS
				RB1#25	4.41	13	PASS
				RB1#49	4.45	13	PASS
				RB25#0	5.33	13	PASS
				RB25#13	5.22	13	PASS
				RB25#25	5.22	13	PASS
				RB50#0	5.83	13	PASS
			HCH	RB1#0	4.26	13	PASS
				RB1#25	4.25	13	PASS
				RB1#49	4.13	13	PASS
				RB25#0	5.37	13	PASS
				RB25#13	5.39	13	PASS
				RB25#25	5.31	13	PASS
		RB50#0		5.96	13	PASS	
		15	LCH	RB1#0	4.54	13	PASS
				RB1#38	4.57	13	PASS
				RB1#74	4.71	13	PASS
				RB38#0	5.59	13	PASS
				RB38#19	5.44	13	PASS
				RB38#39	5.6	13	PASS
				RB75#0	6.15	13	PASS
			MCH	RB1#0	4.25	13	PASS
				RB1#38	4.07	13	PASS
				RB1#74	3.96	13	PASS
				RB38#0	5.56	13	PASS
				RB38#19	5.36	13	PASS
				RB38#39	5.33	13	PASS
				RB75#0	5.95	13	PASS
HCH	RB1#0		4.07	13	PASS		
	RB1#38	4.23	13	PASS			
	RB1#74	3.89	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#0	5.28	13	PASS	
				RB38#19	5.31	13	PASS	
				RB38#39	5.4	13	PASS	
				RB75#0	6	13	PASS	
		20	LCH	RB1#0	4.13	13	PASS	
				RB1#50	4.1	13	PASS	
				RB1#99	4.17	13	PASS	
				RB50#0	5.6	13	PASS	
				RB50#25	5.47	13	PASS	
				RB50#50	5.58	13	PASS	
				RB100#0	6.44	13	PASS	
				MCH	RB1#0	4.36	13	PASS
					RB1#50	4.21	13	PASS
					RB1#99	4.04	13	PASS
			RB50#0		5.56	13	PASS	
			RB50#25		5.35	13	PASS	
			RB50#50		5.34	13	PASS	
			HCH	RB100#0	5.9	13	PASS	
				RB1#0	4.1	13	PASS	
				RB1#50	4.15	13	PASS	
				RB1#99	4.14	13	PASS	
				RB50#0	5.32	13	PASS	
				RB50#25	5.24	13	PASS	
				RB50#50	5.46	13	PASS	
		RB100#0	6.31	13	PASS			

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

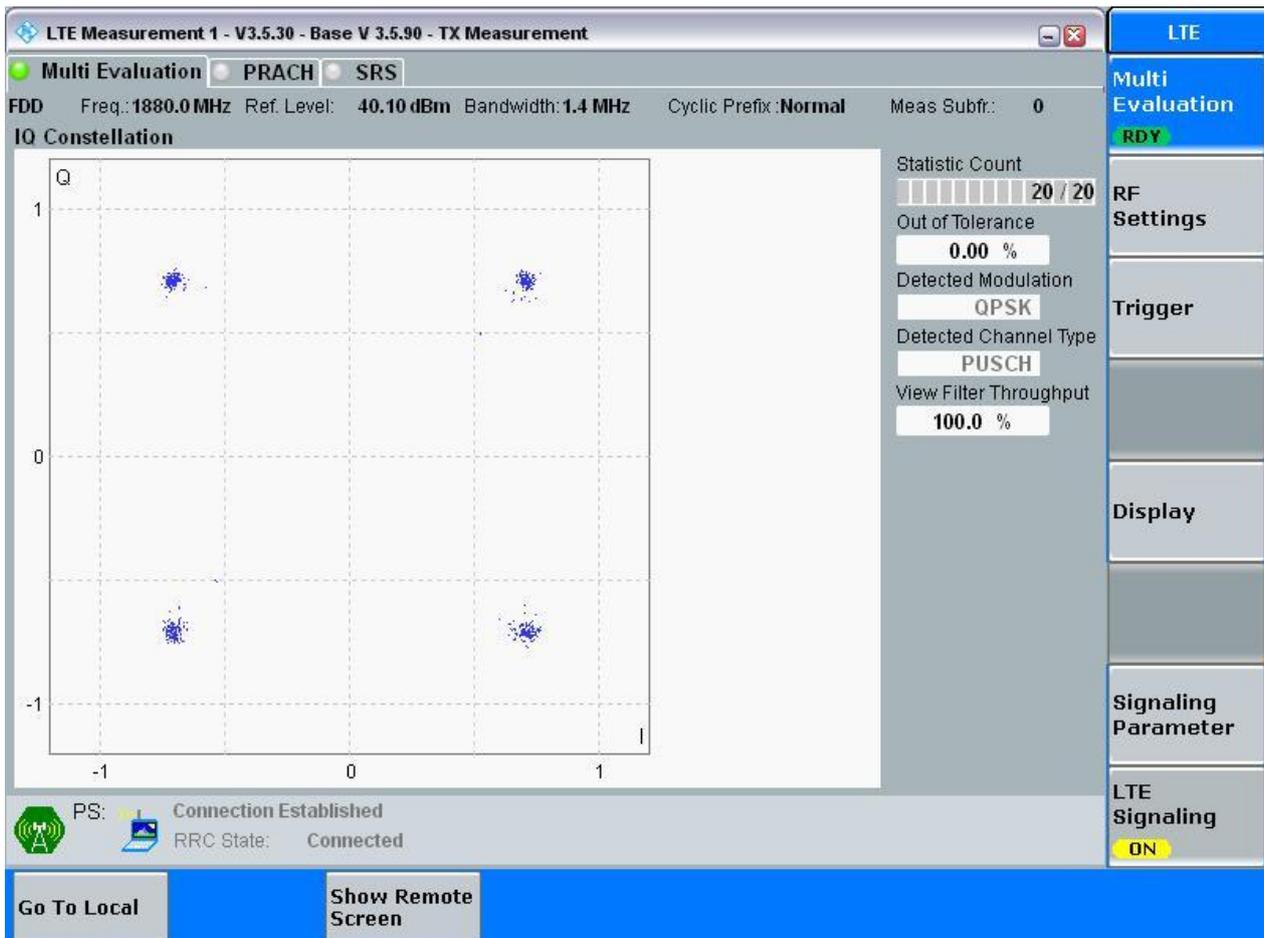
##### 3.1.1 Test Band = BAND2

##### 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

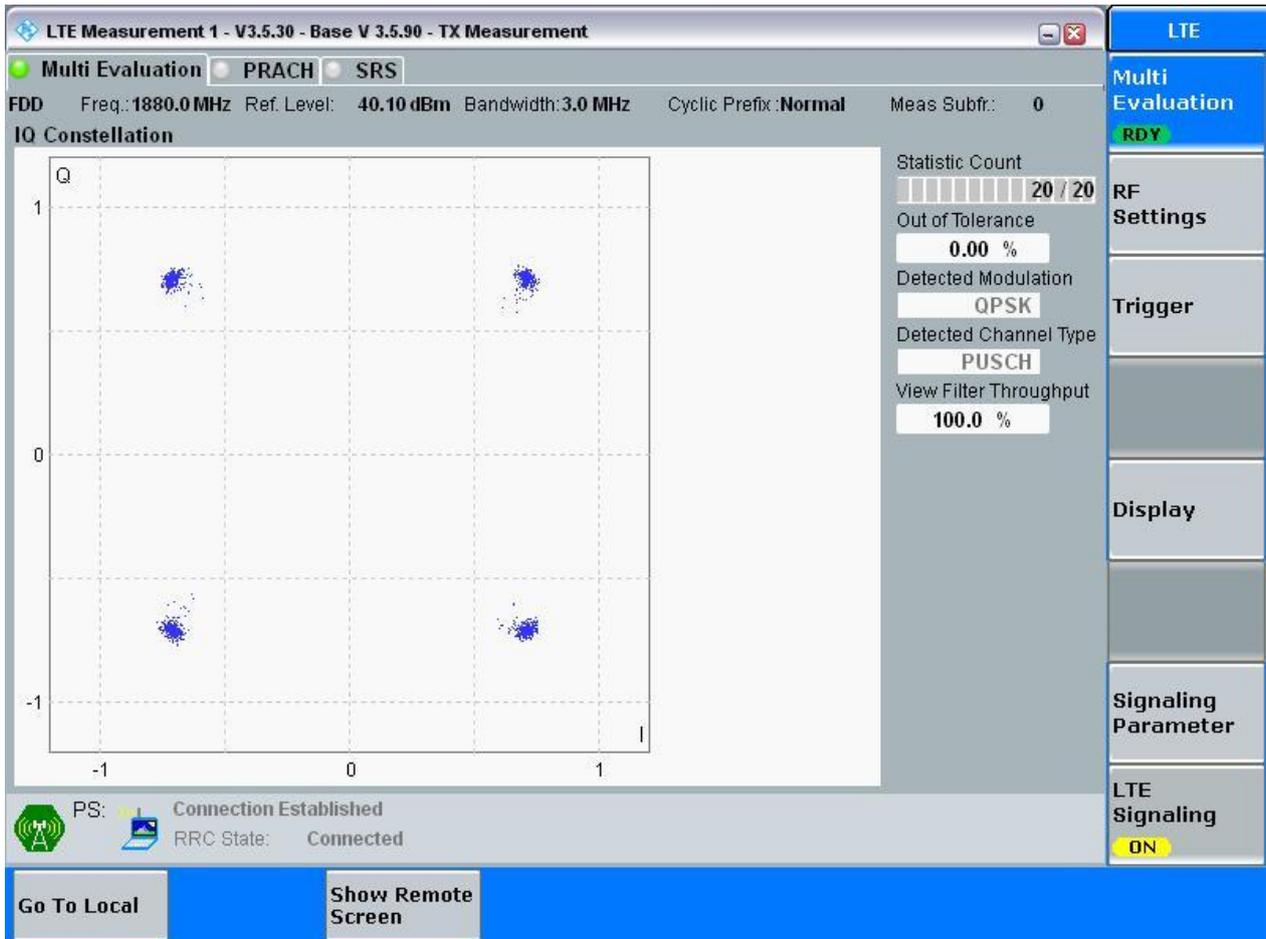
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

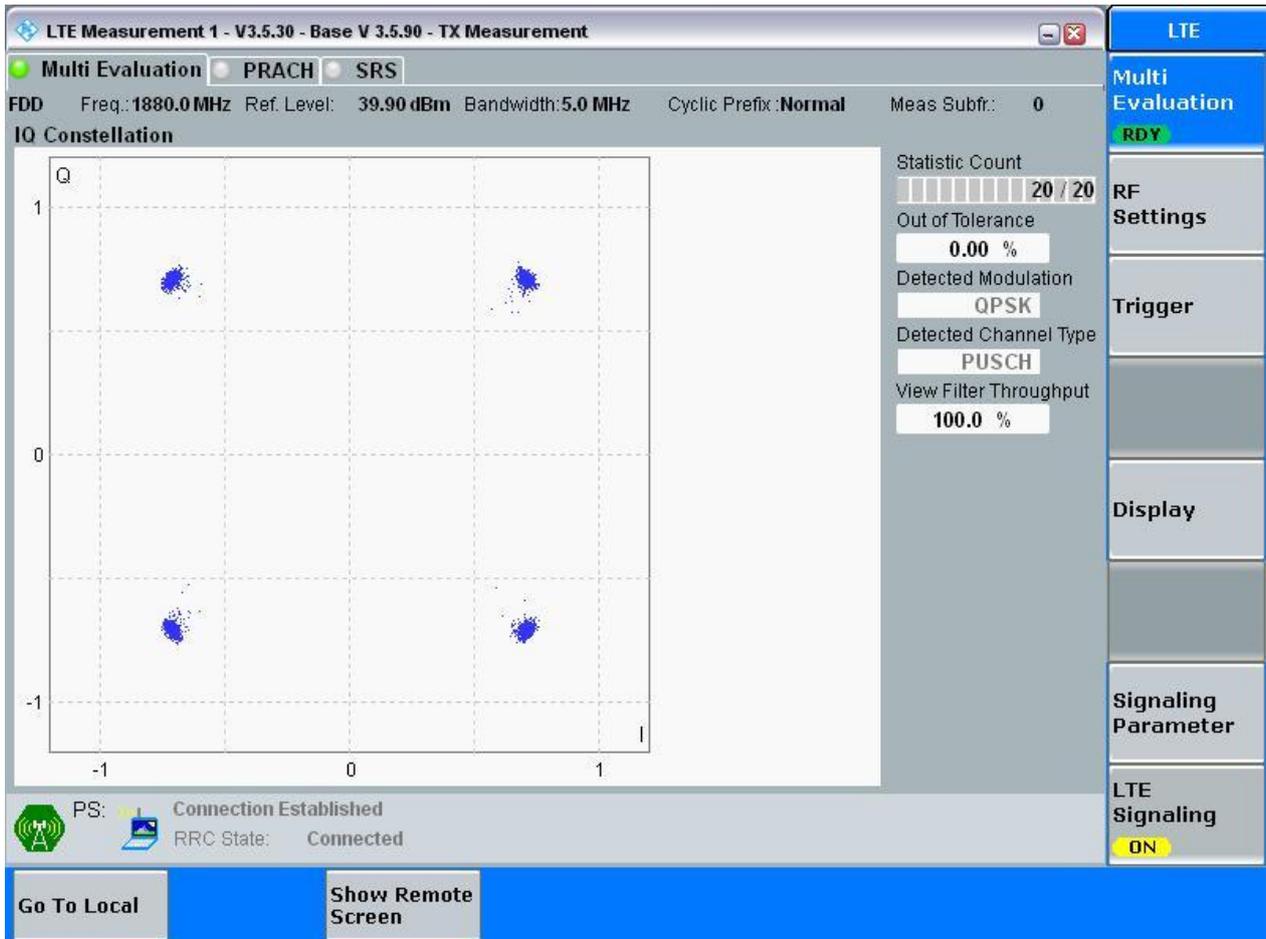
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

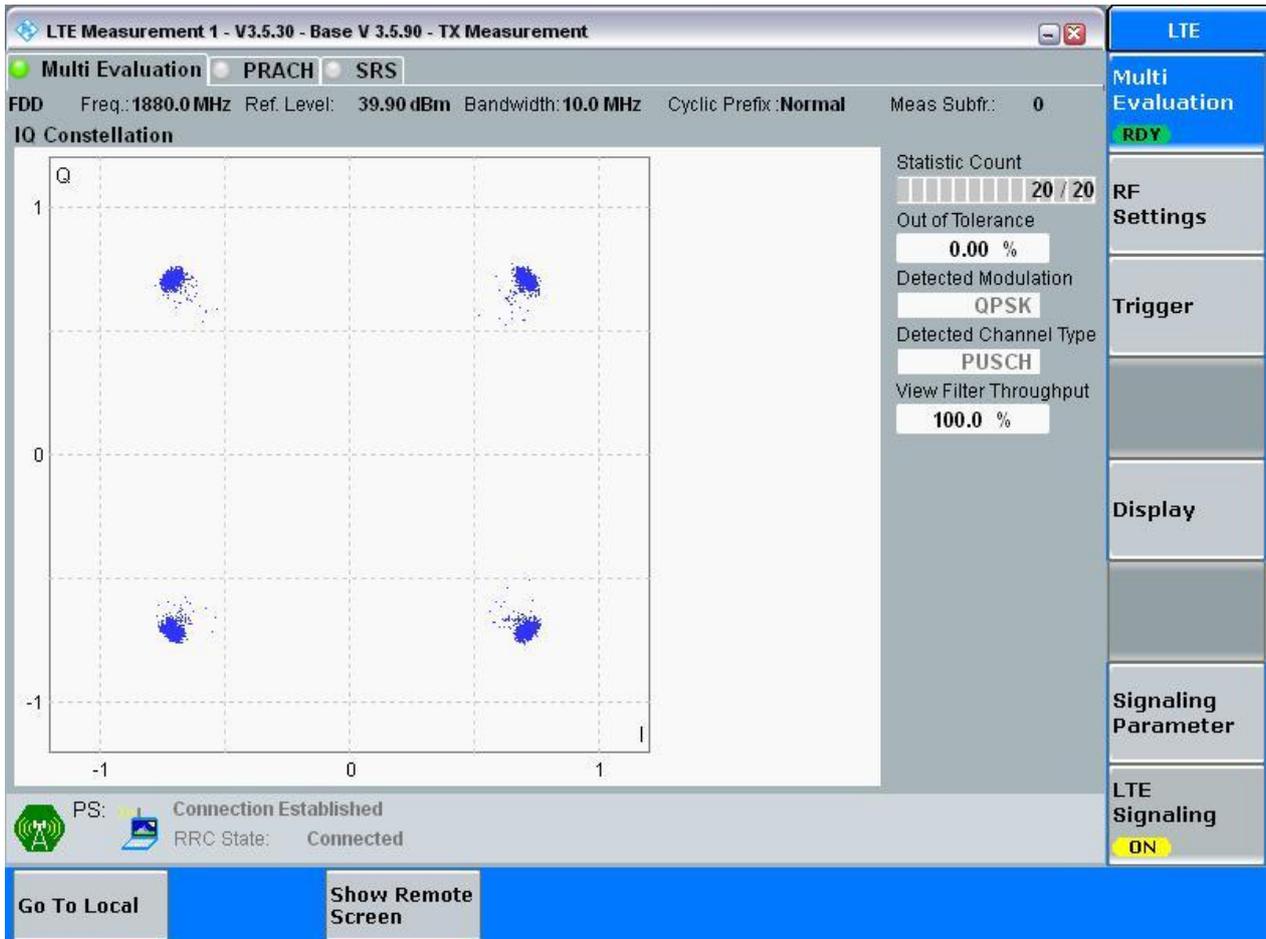
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

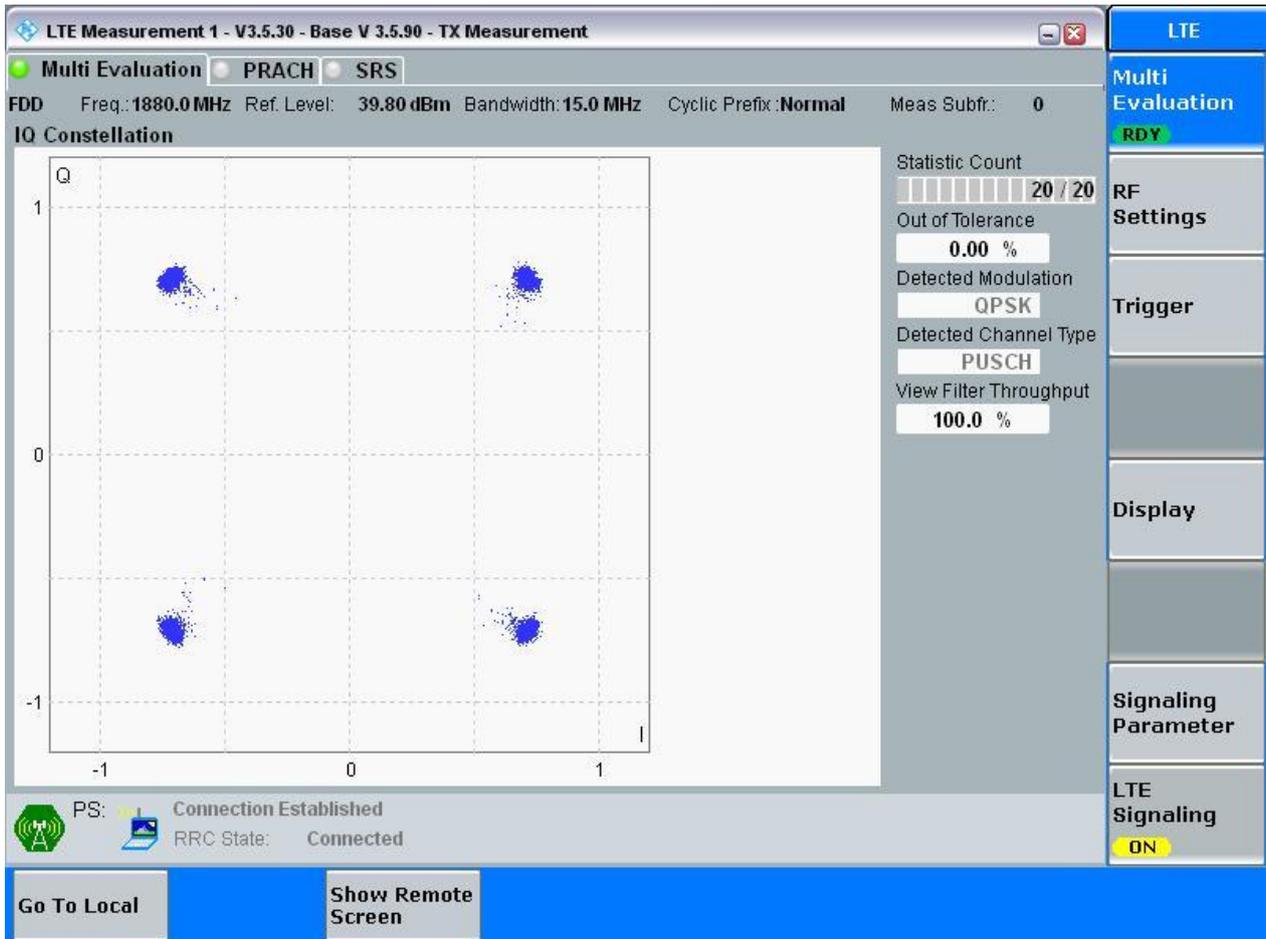
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

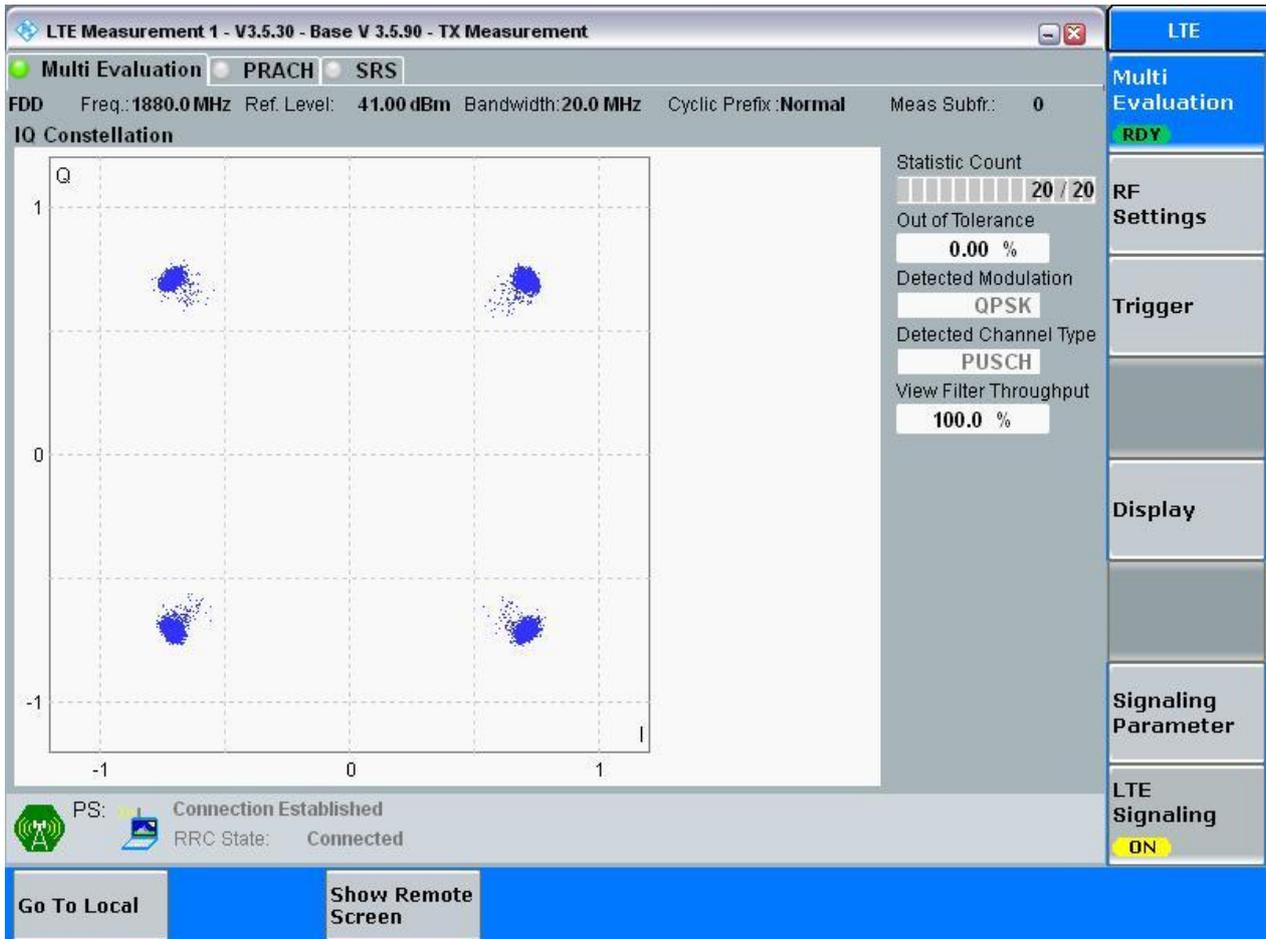
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

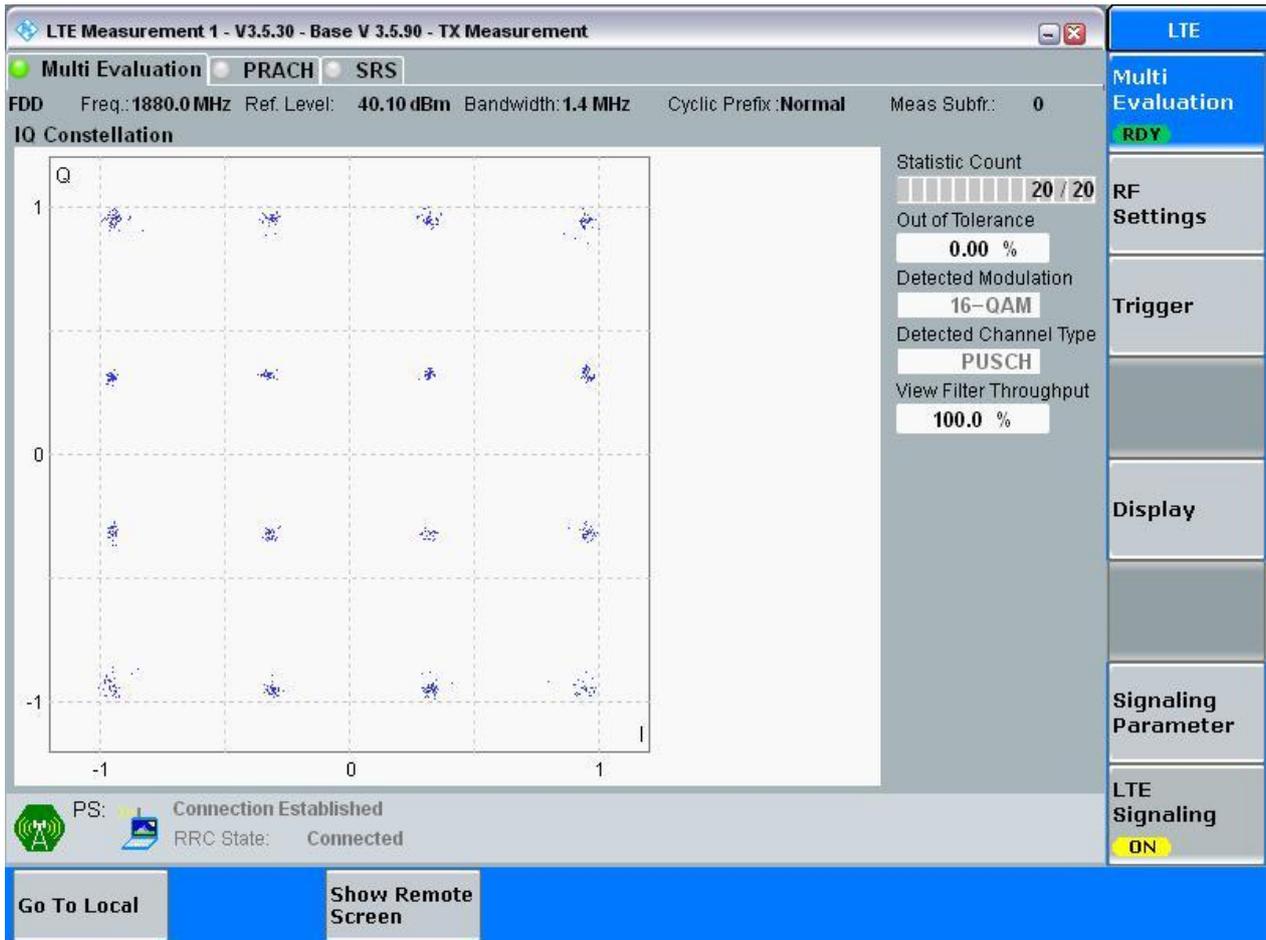


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

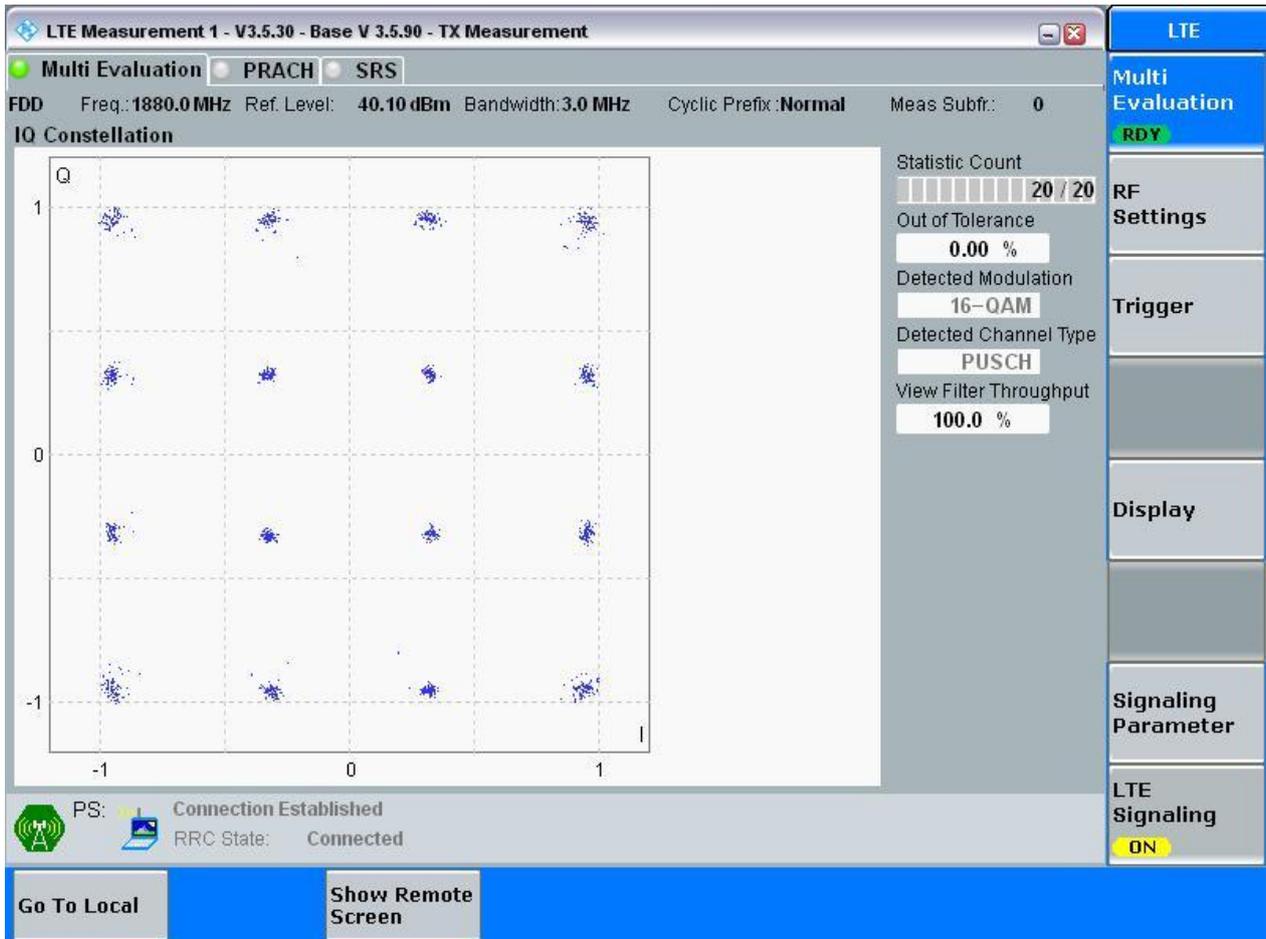
3.1.1.2.1.1.1 Test RB = RB#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

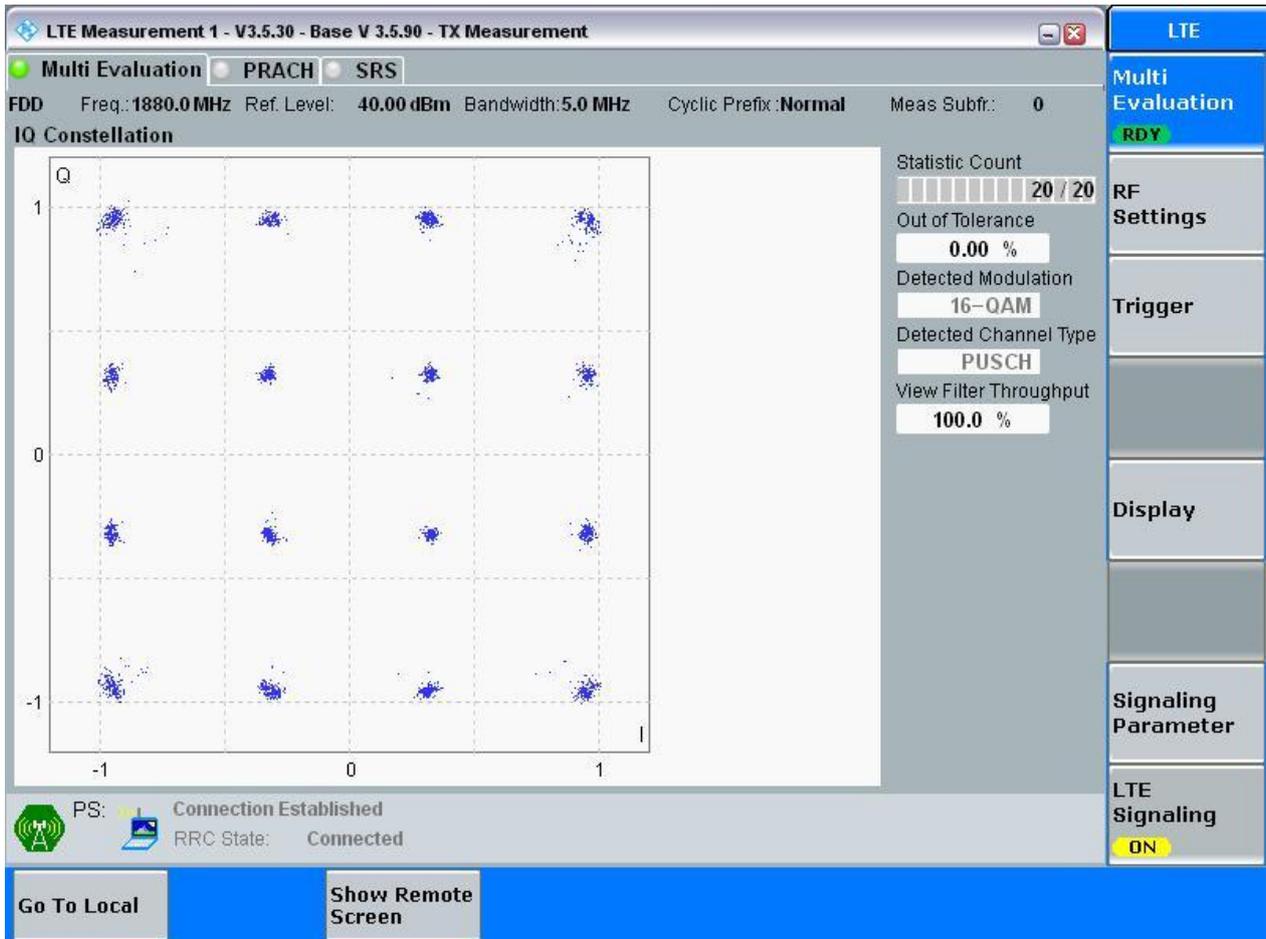
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

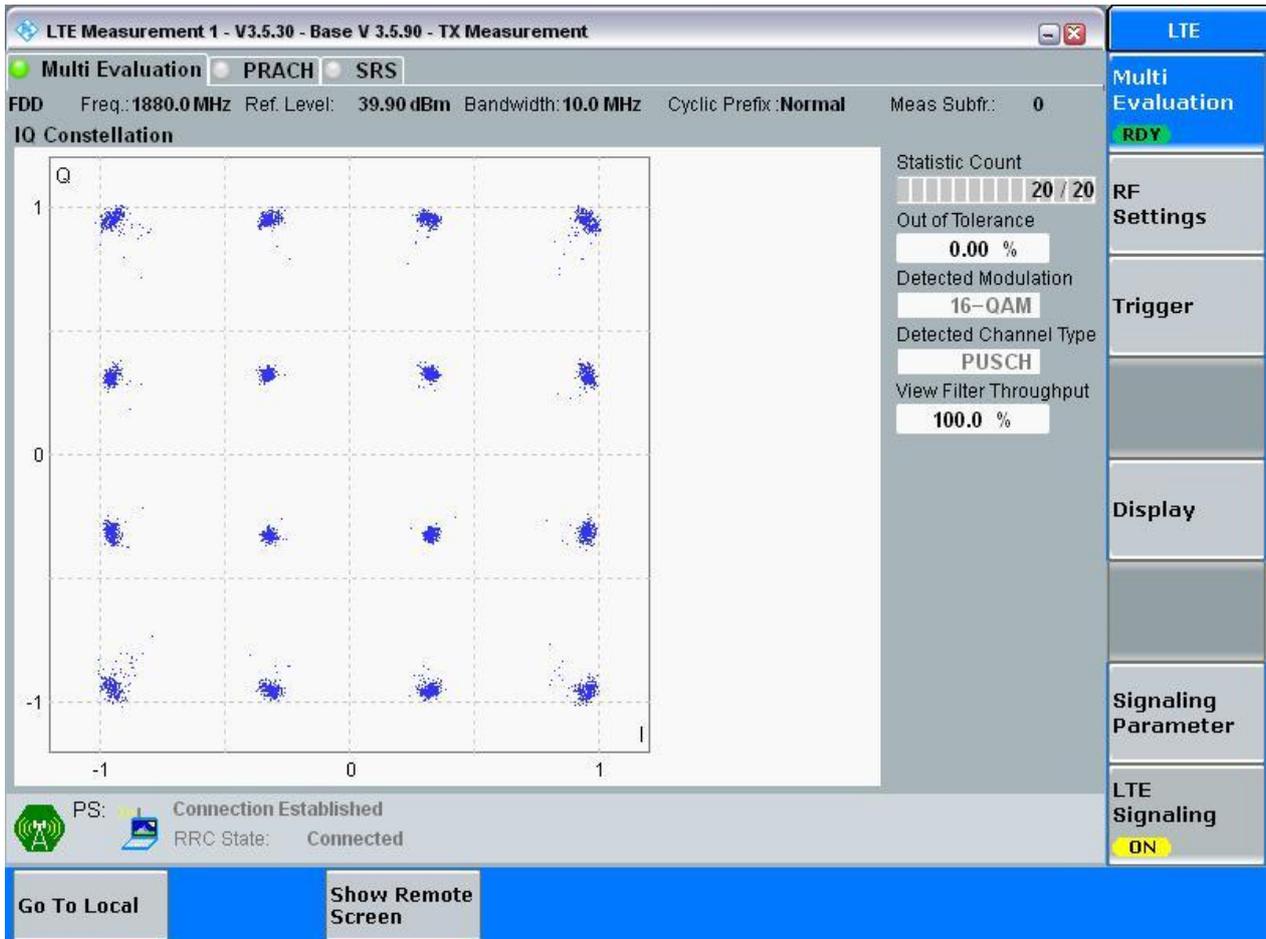
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

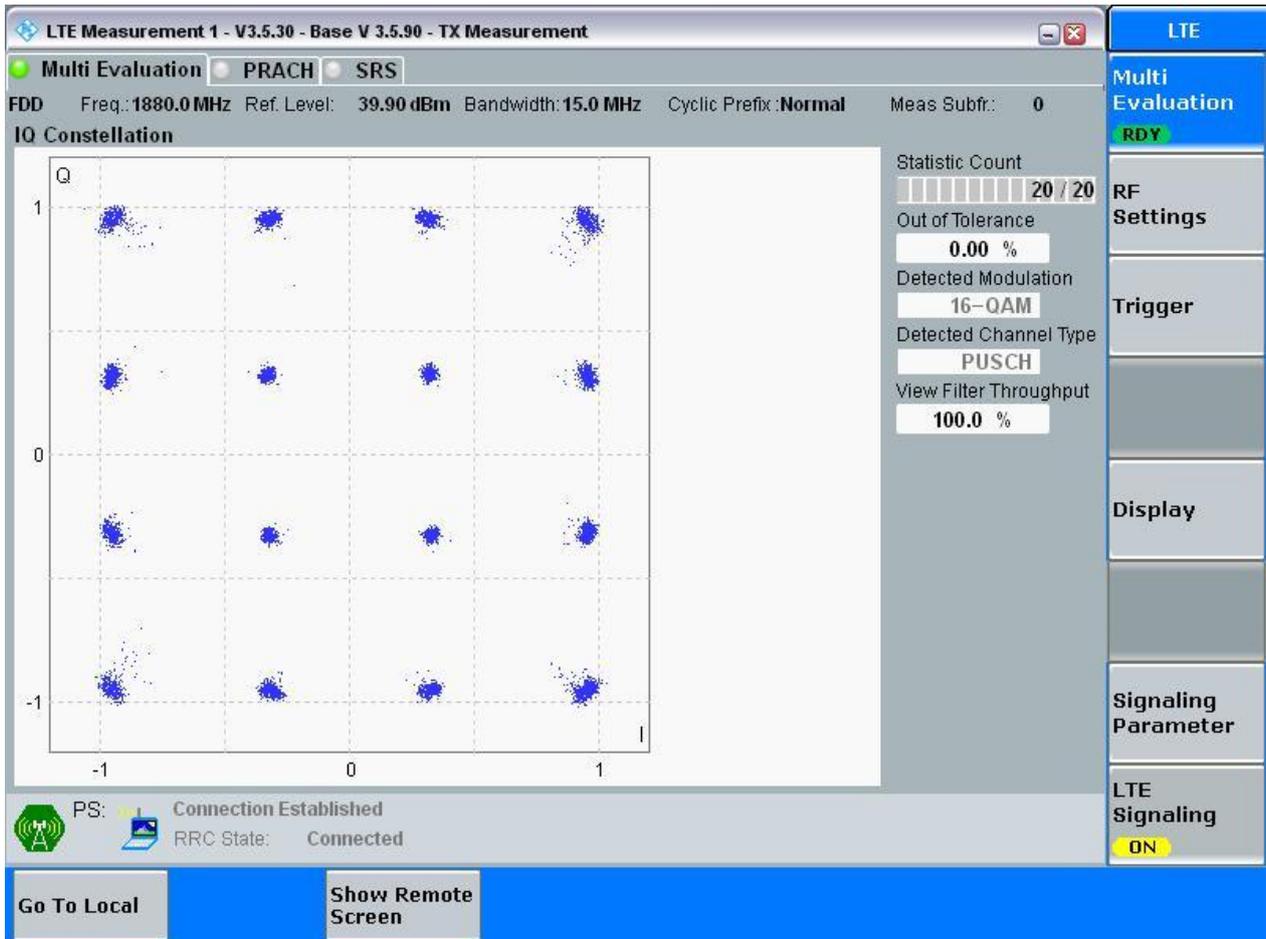
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

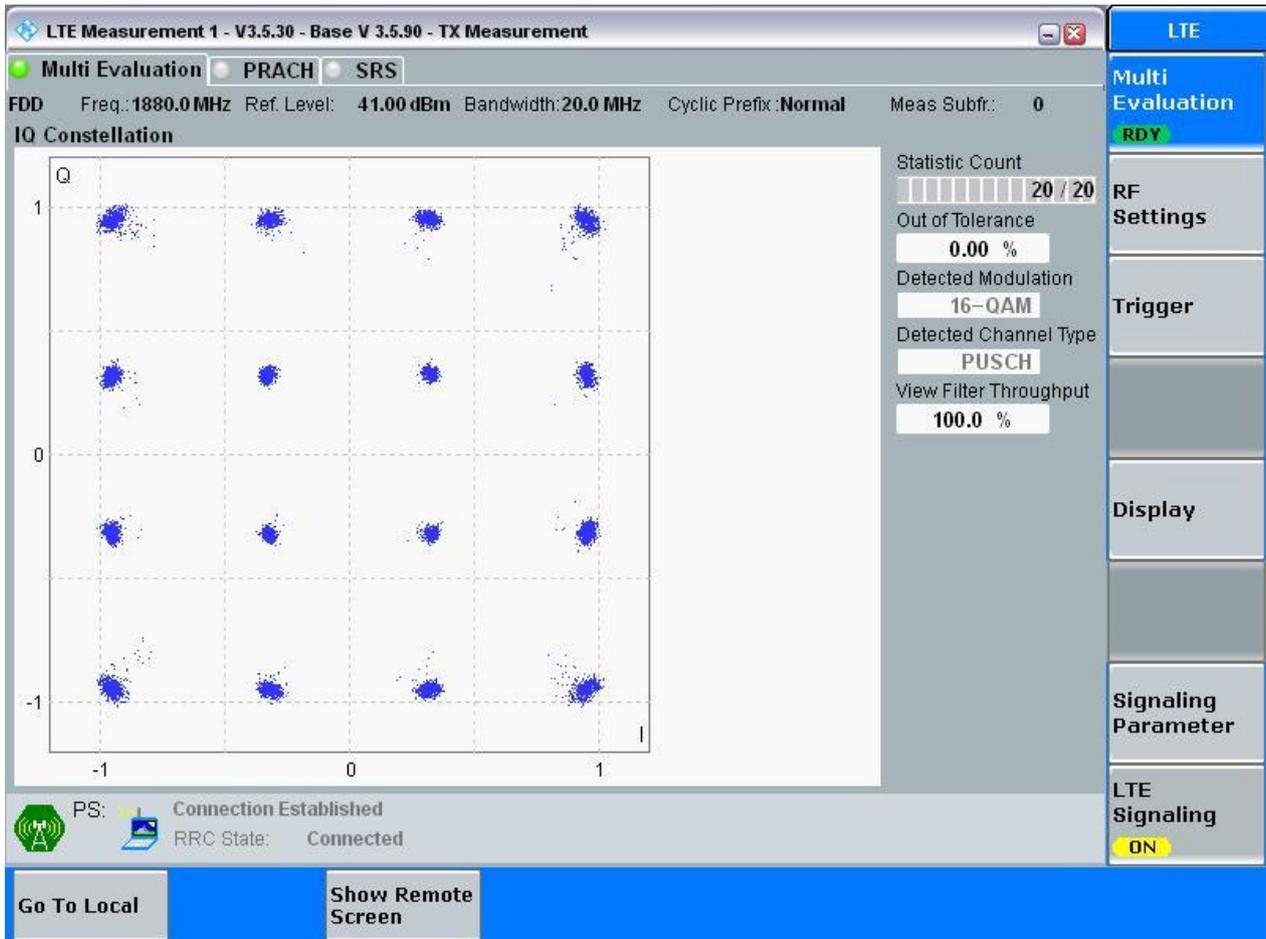
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	1.09	1.30	Pass
			MCH	RB6#0	1.09	1.29	Pass
			HCH	RB6#0	1.09	1.30	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.70	3.00	Pass
		5	LCH	RB25#0	4.51	5.00	Pass
			MCH	RB25#0	4.49	5.01	Pass
			HCH	RB25#0	4.50	5.01	Pass
		10	LCH	RB50#0	8.99	9.93	Pass
			MCH	RB50#0	8.96	9.93	Pass
			HCH	RB50#0	8.98	9.84	Pass
		15	LCH	RB75#0	13.45	14.75	Pass
			MCH	RB75#0	13.44	14.73	Pass
			HCH	RB75#0	13.45	14.74	Pass
		20	LCH	RB100#0	17.93	19.40	Pass
			MCH	RB100#0	17.91	19.60	Pass
			HCH	RB100#0	17.94	19.48	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.33	Pass
			MCH	RB6#0	1.09	1.31	Pass
			HCH	RB6#0	1.09	1.30	Pass
		3	LCH	RB15#0	2.70	3.02	Pass
			MCH	RB15#0	2.70	3.00	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.50	5.01	Pass
			MCH	RB25#0	4.49	4.99	Pass
			HCH	RB25#0	4.50	4.99	Pass
		10	LCH	RB50#0	8.98	9.97	Pass
			MCH	RB50#0	8.99	9.91	Pass
			HCH	RB50#0	8.97	9.95	Pass
15	LCH	RB75#0	13.44	14.76	Pass		
	MCH	RB75#0	13.40	14.72	Pass		

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB75#0	13.44	14.77	Pass
		20	LCH	RB100#0	17.90	19.50	Pass
			MCH	RB100#0	17.87	19.51	Pass
			HCH	RB100#0	17.91	19.53	Pass



Part II - Test Plots

4.1 For LTE

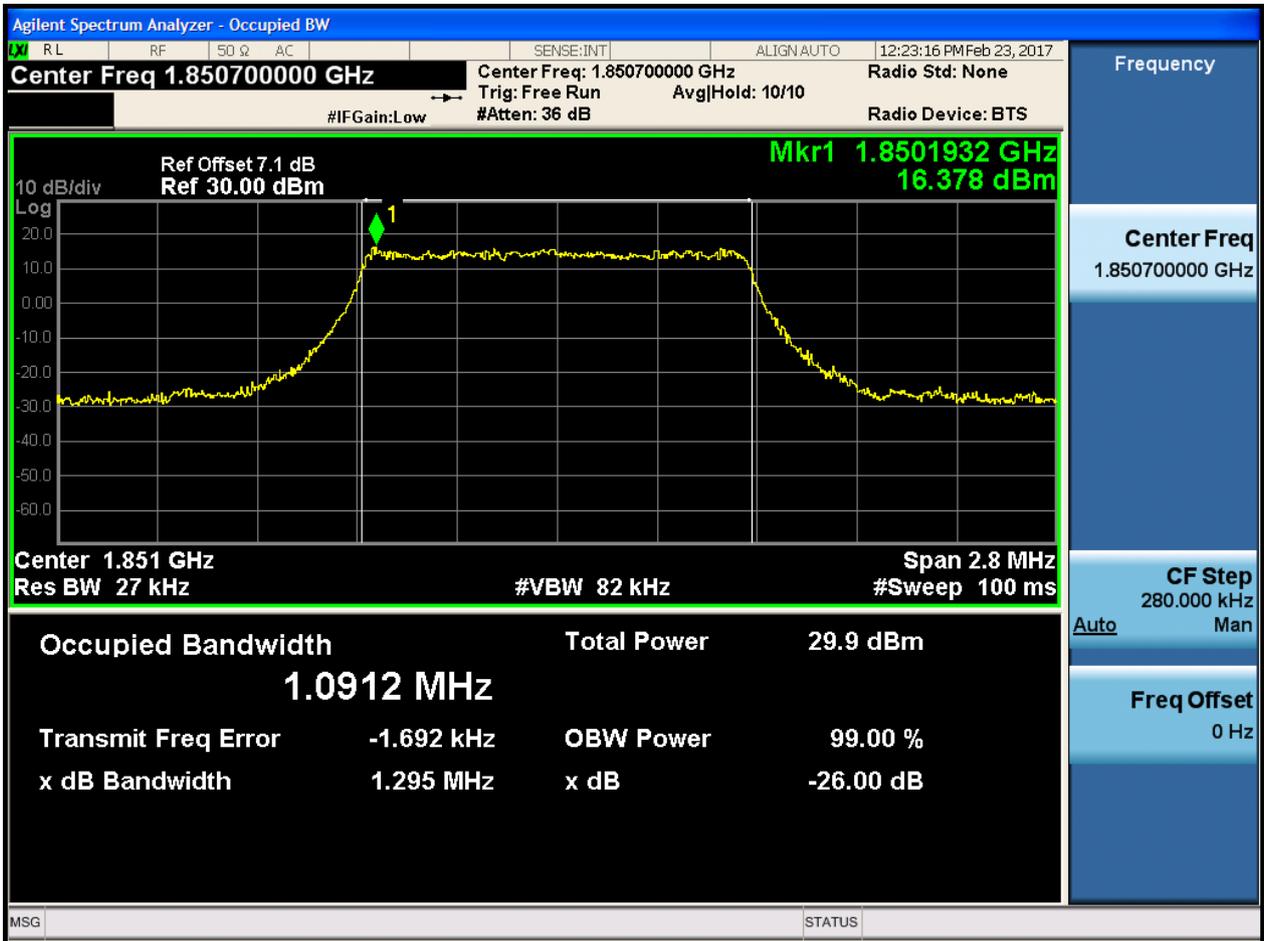
4.1.1 Test Band = BAND2

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

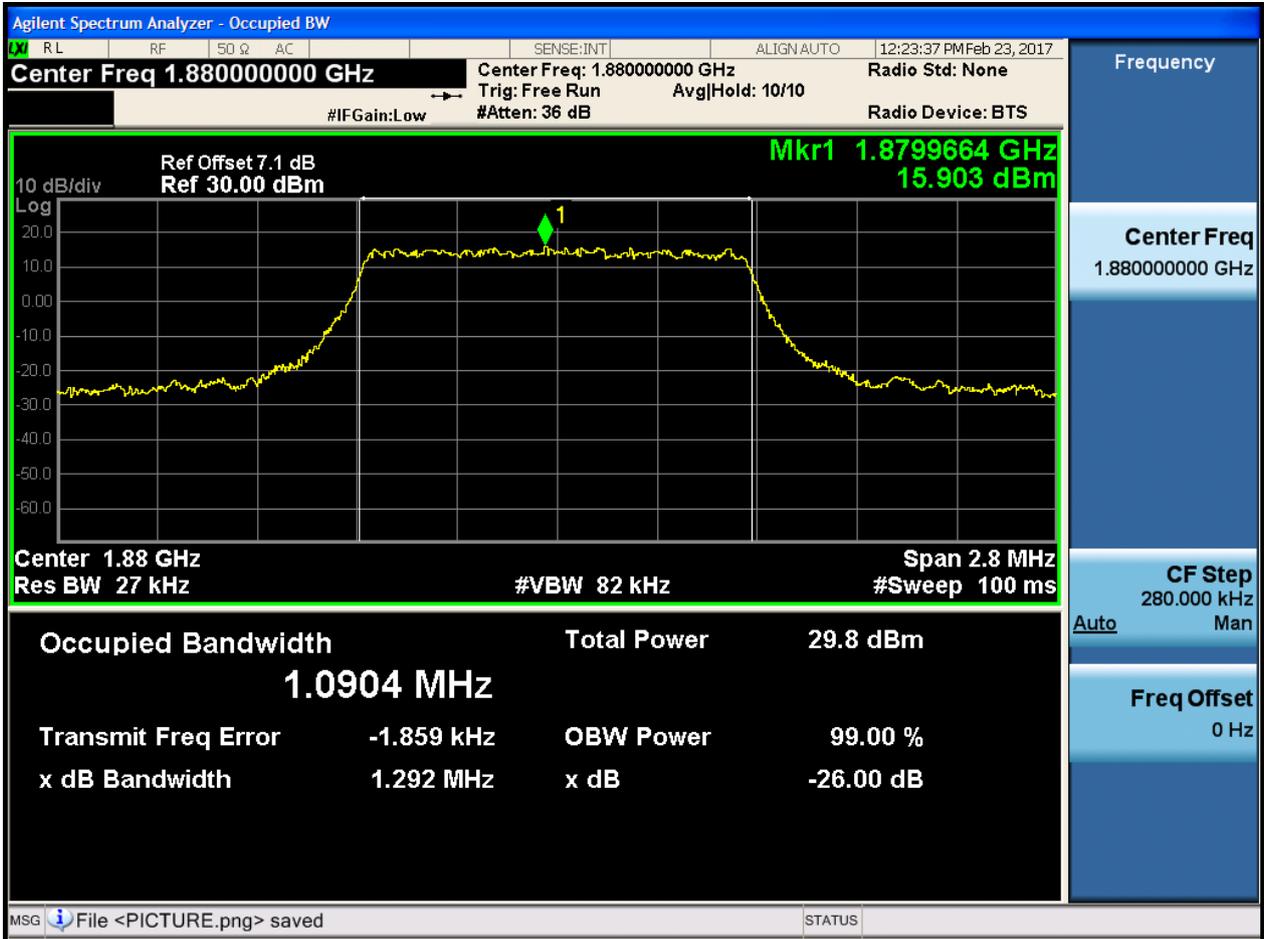
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

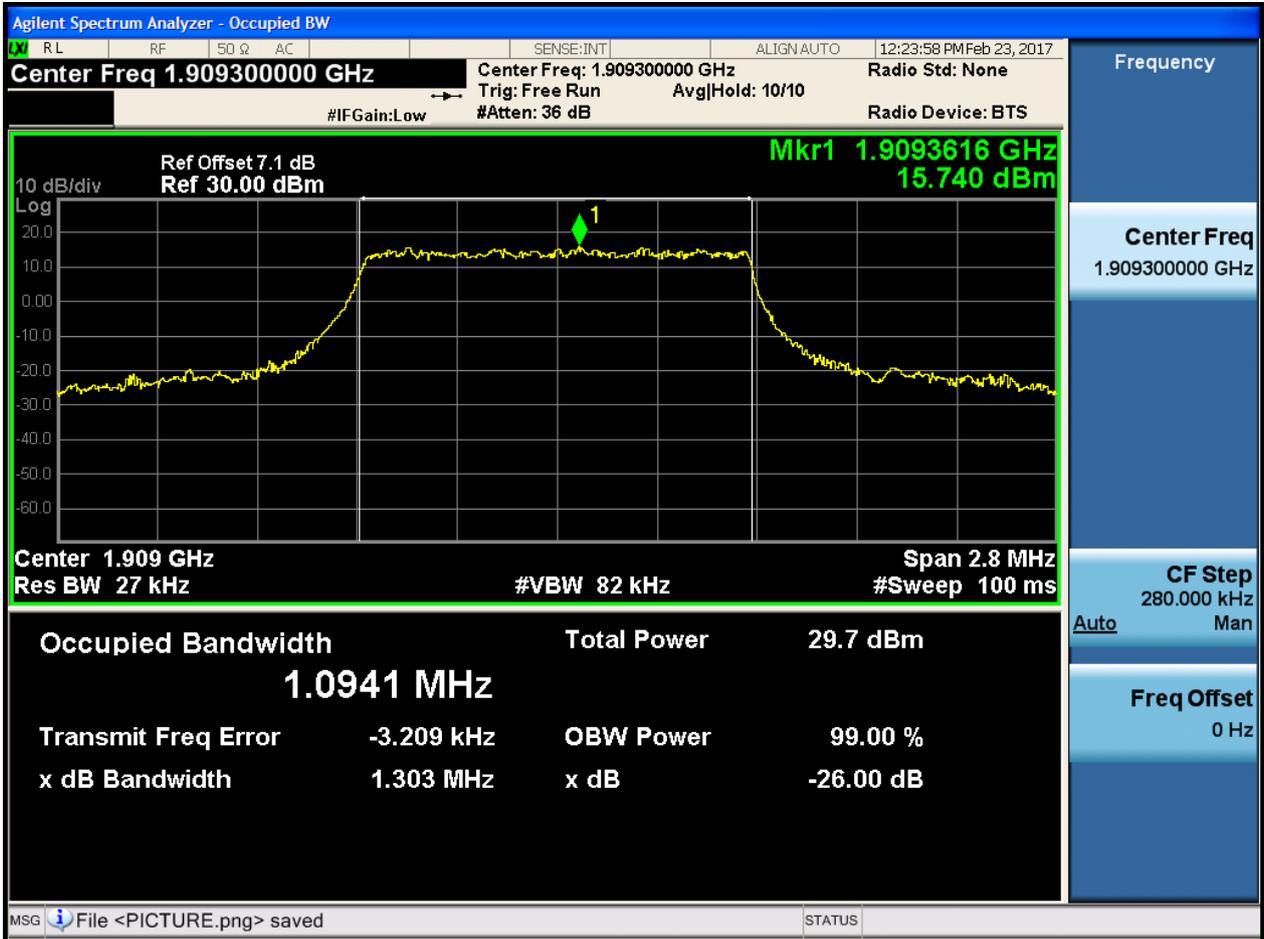
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

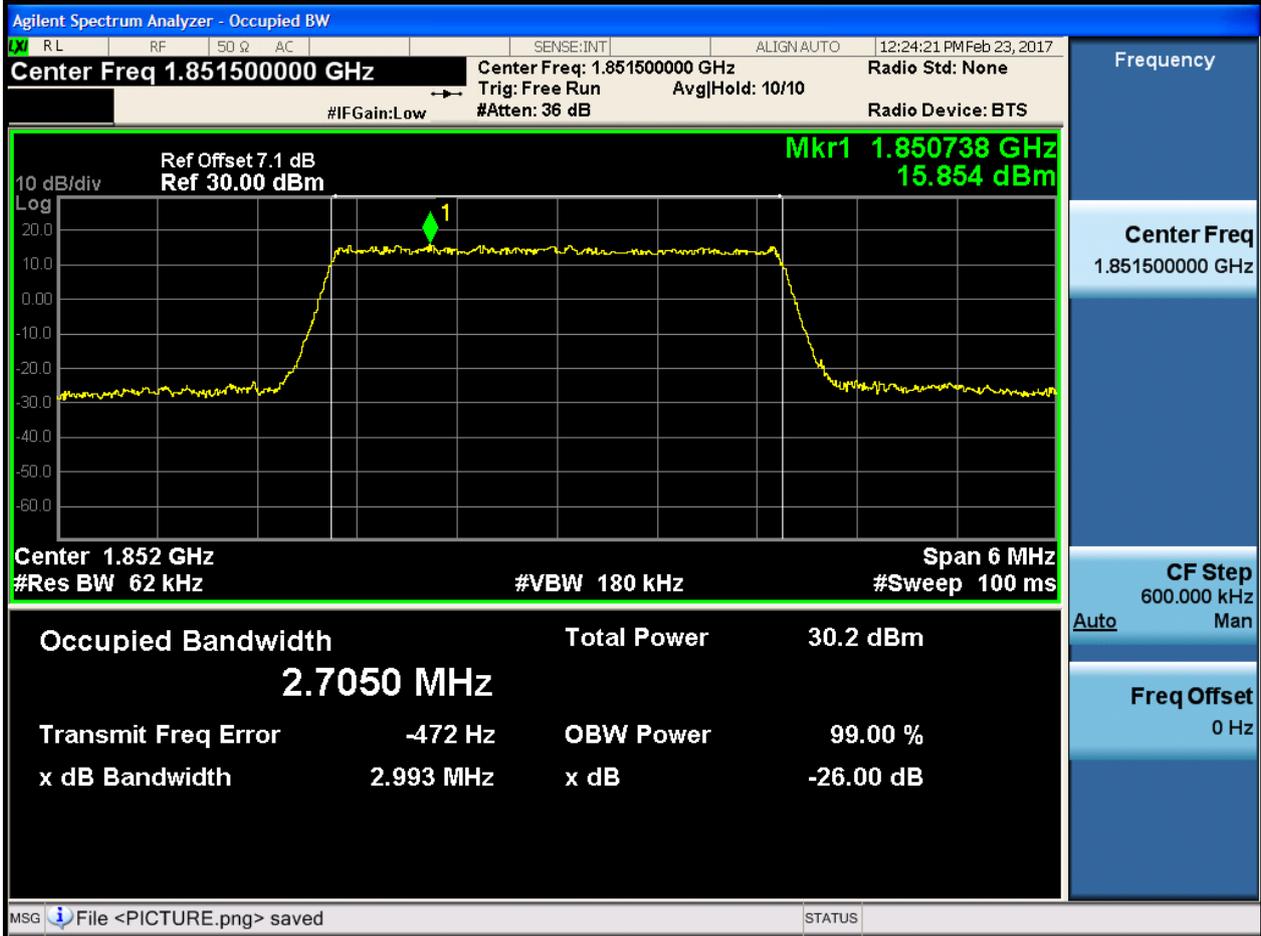




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

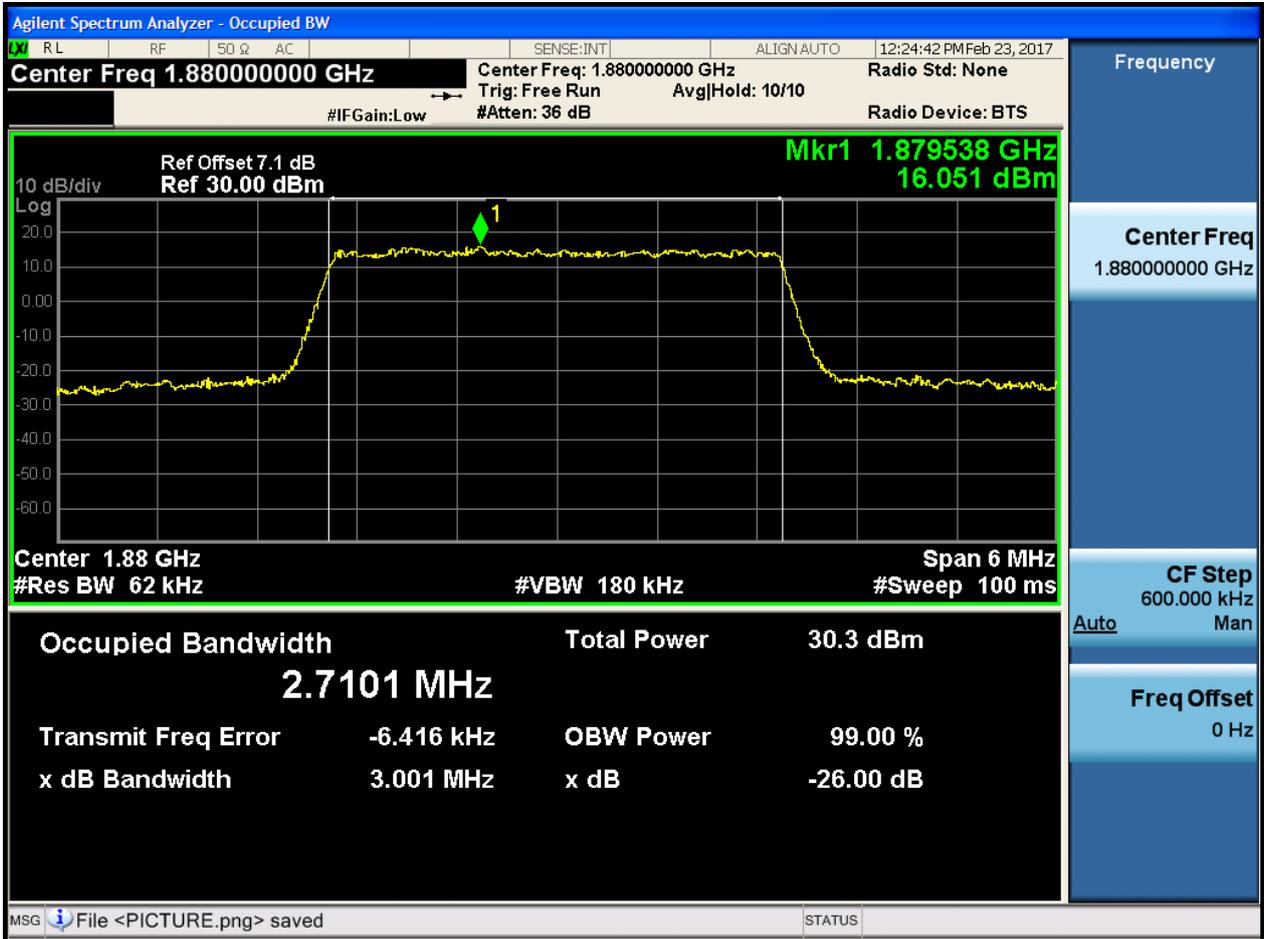
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

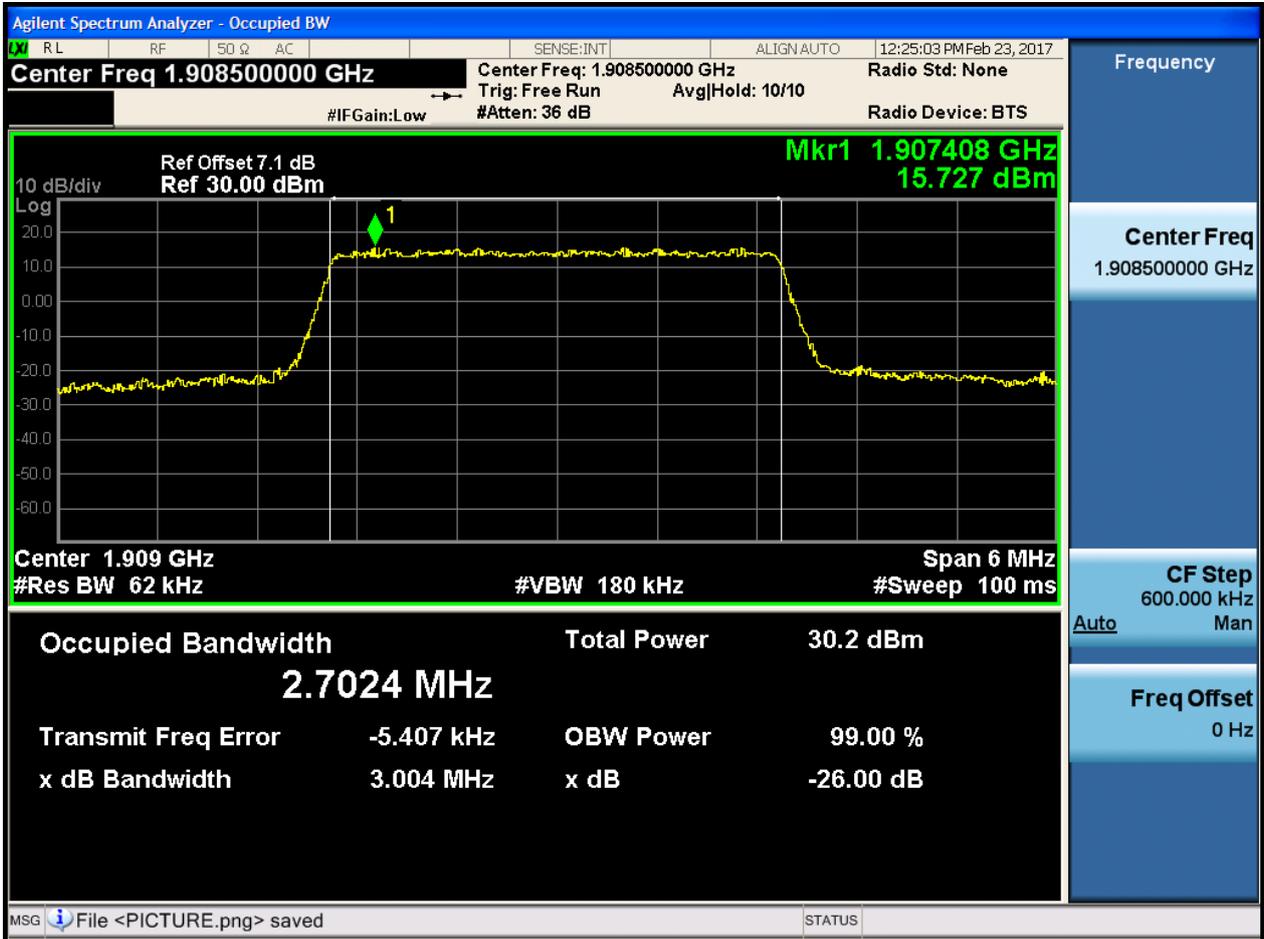
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

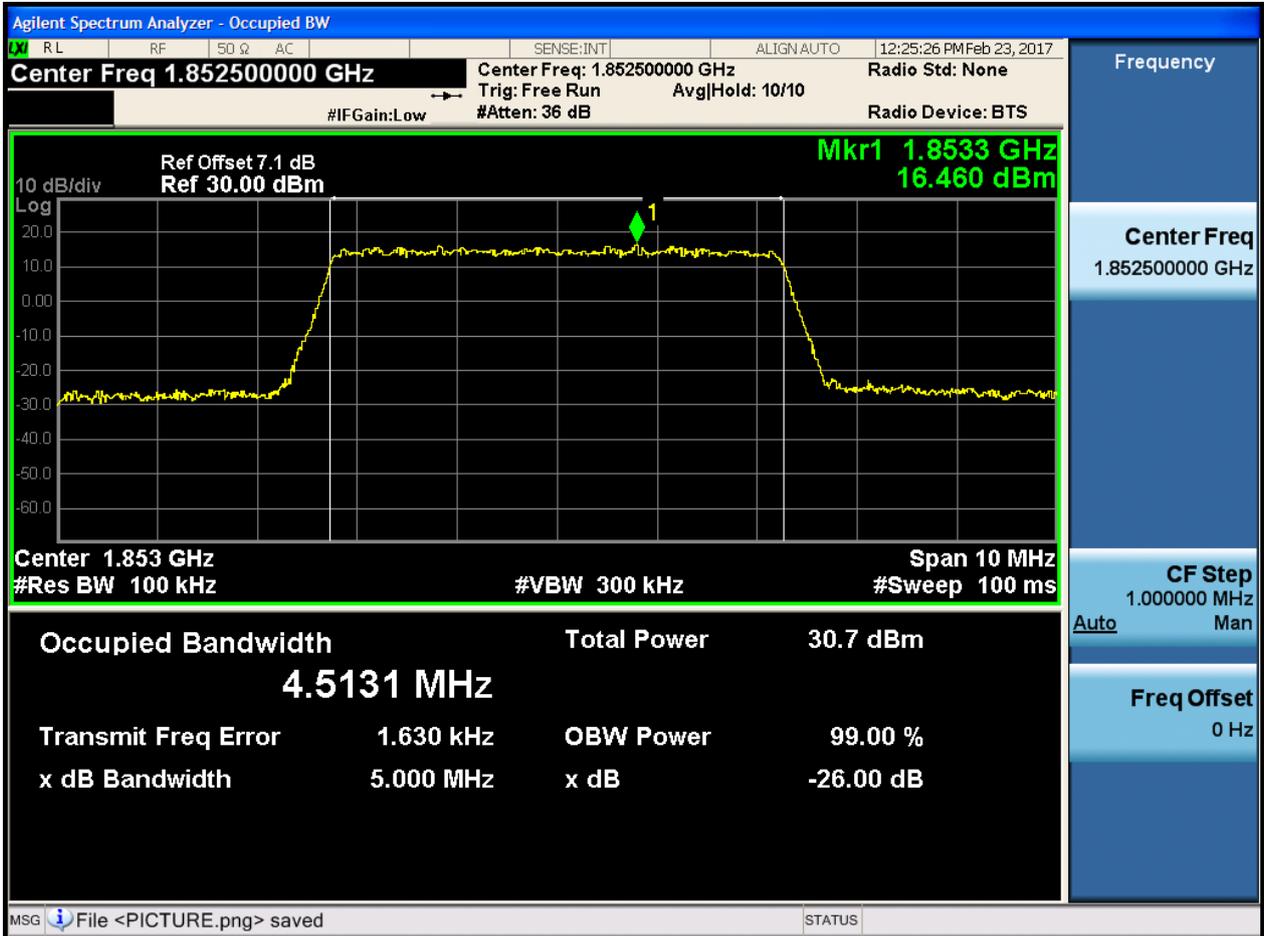




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

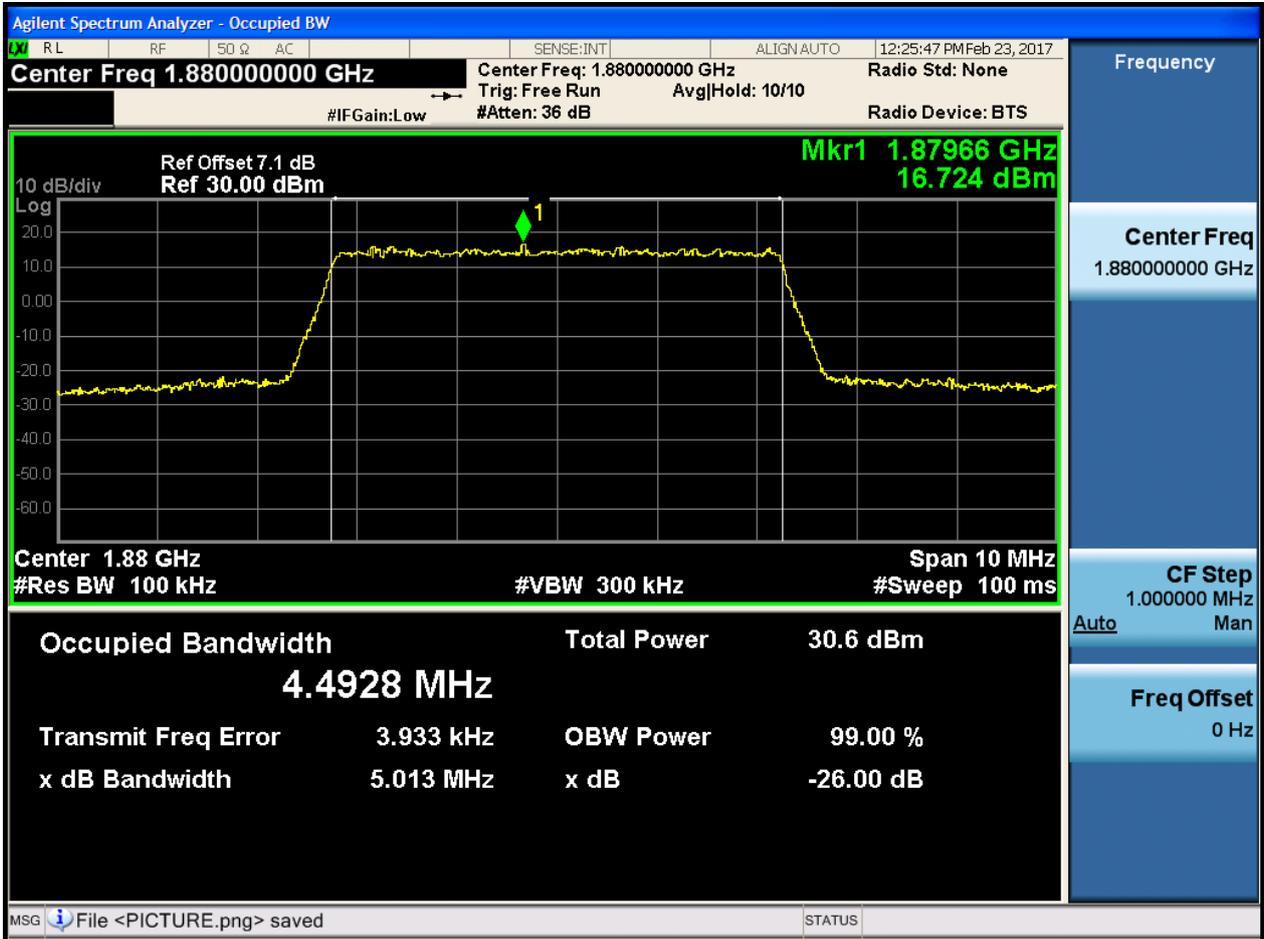
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

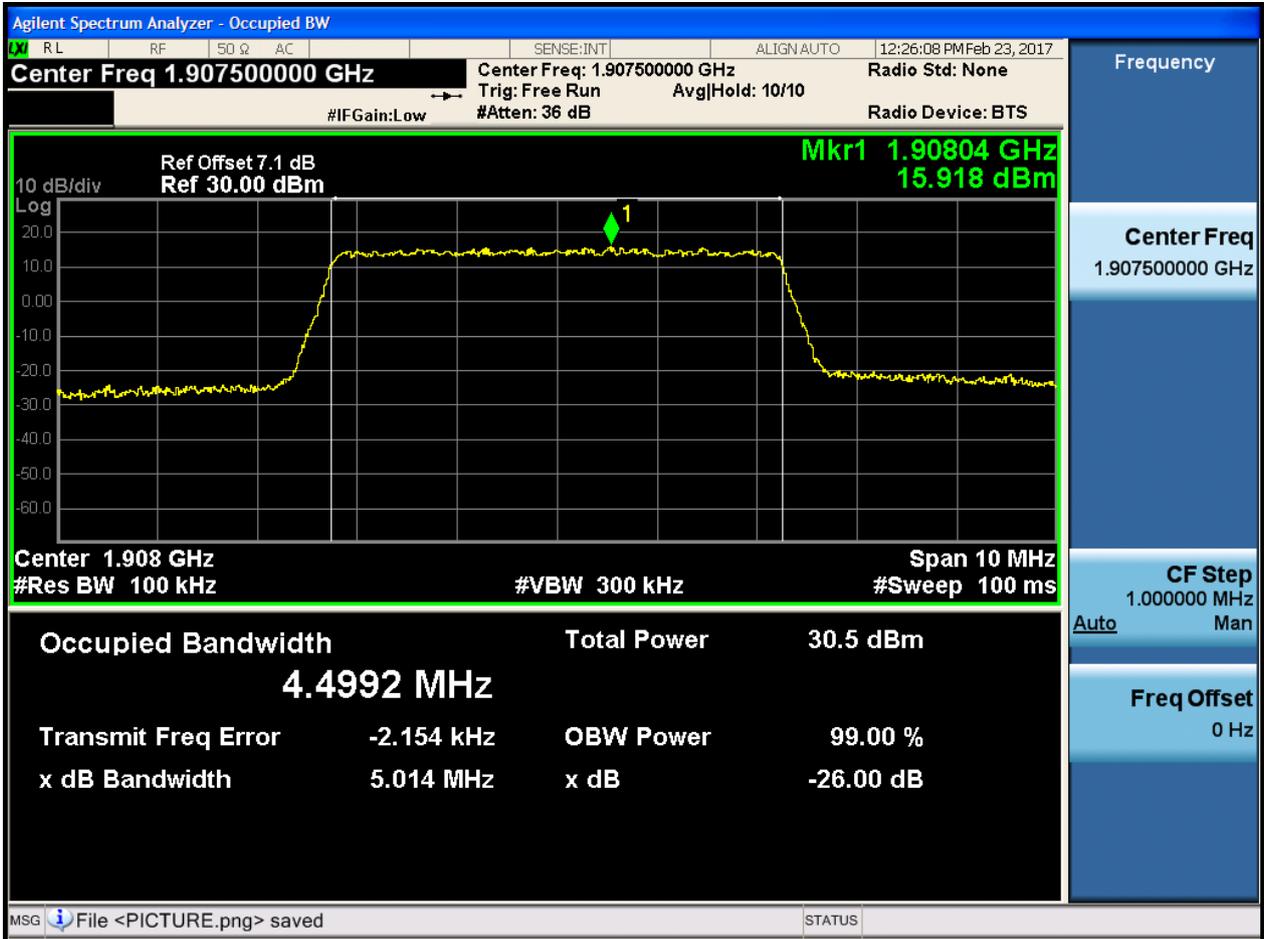
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

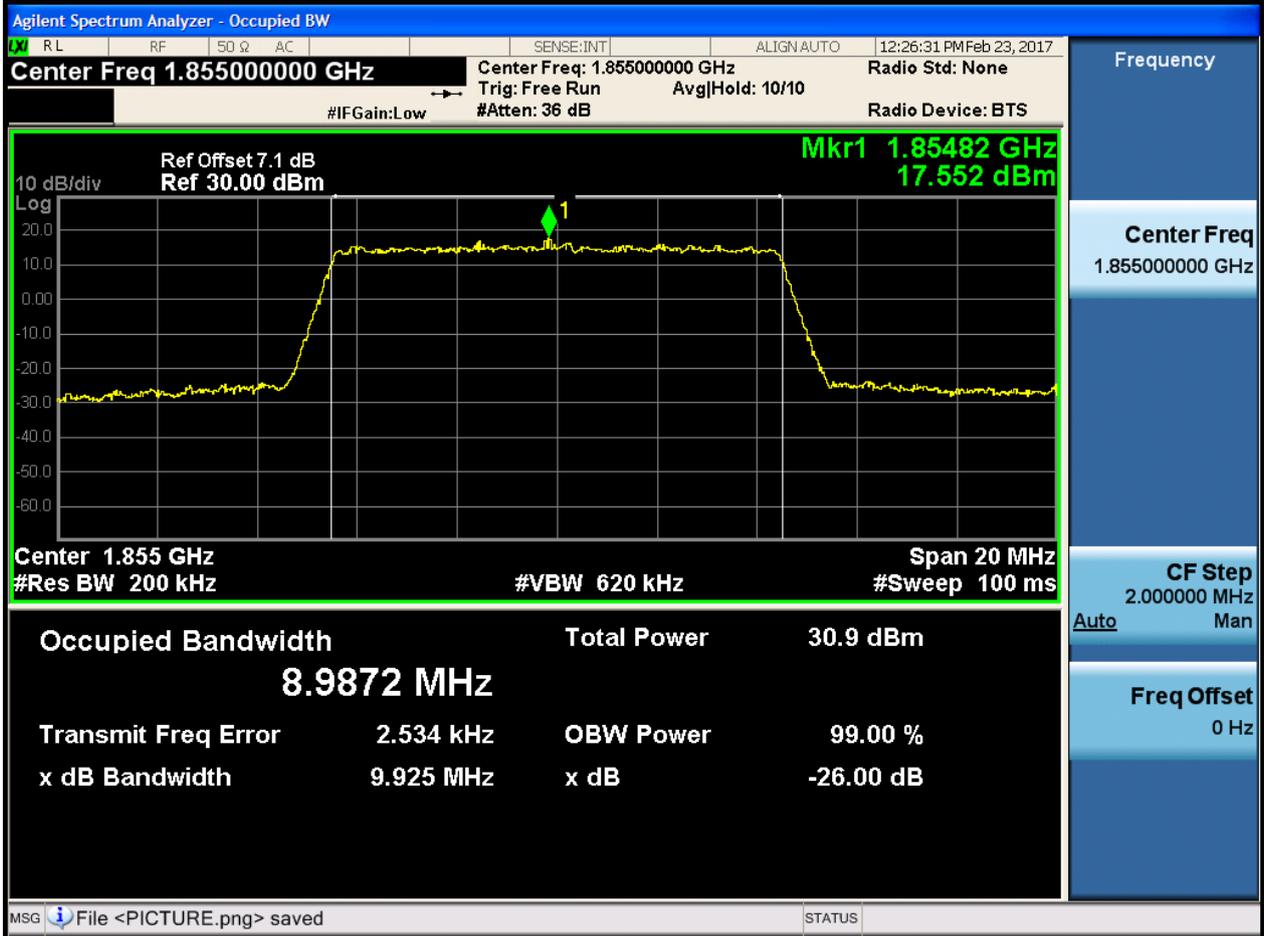




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

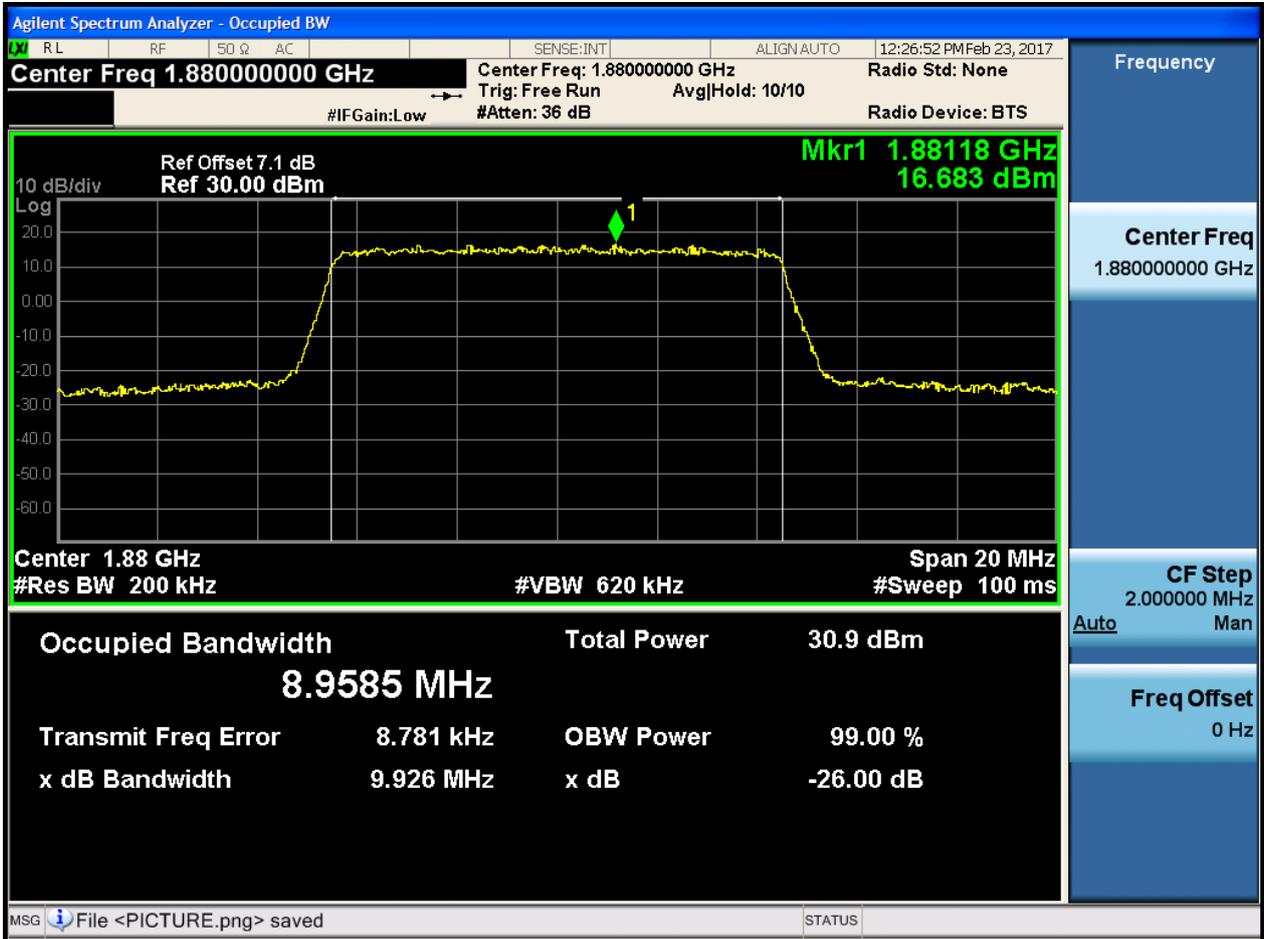
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

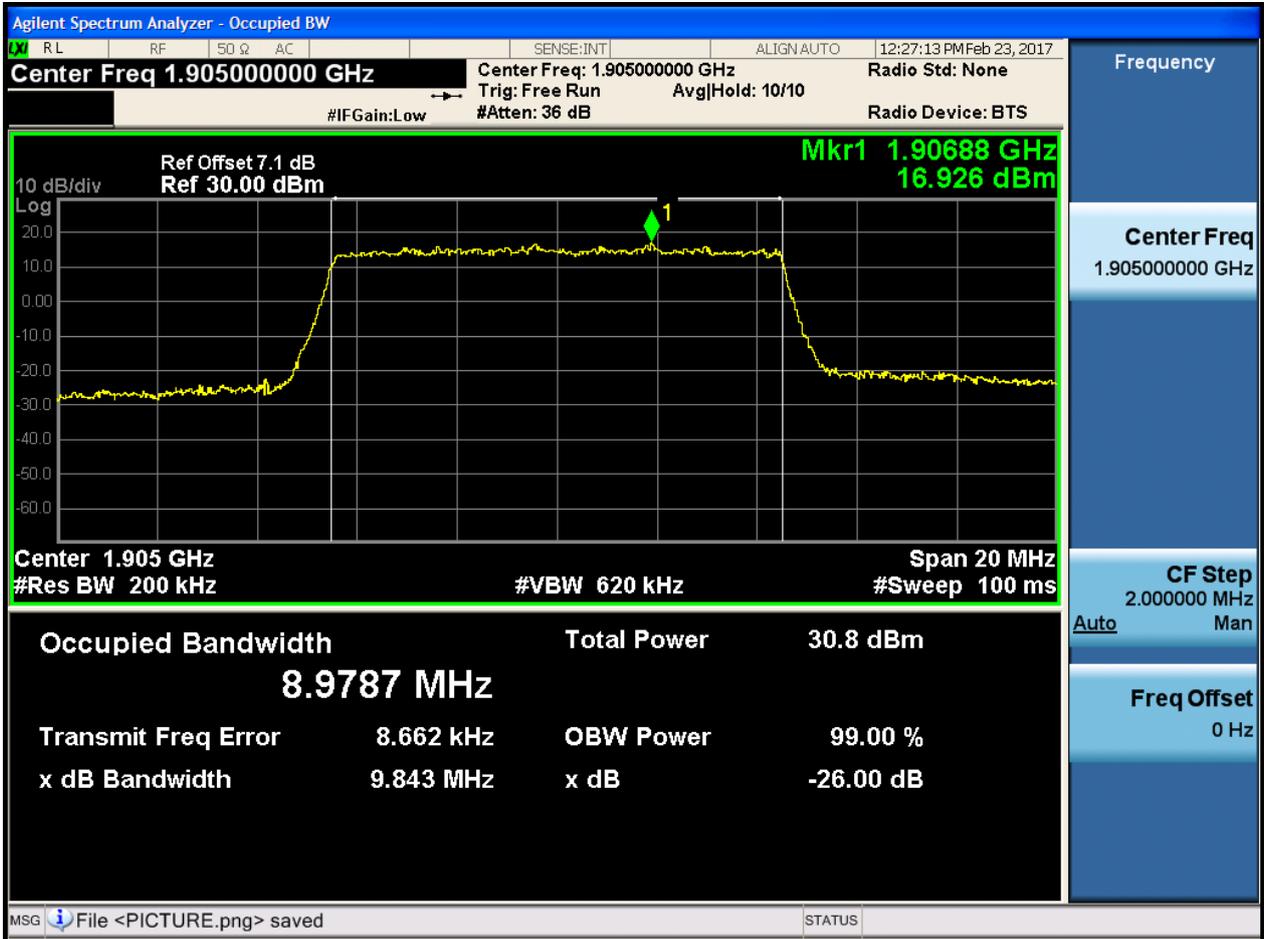
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

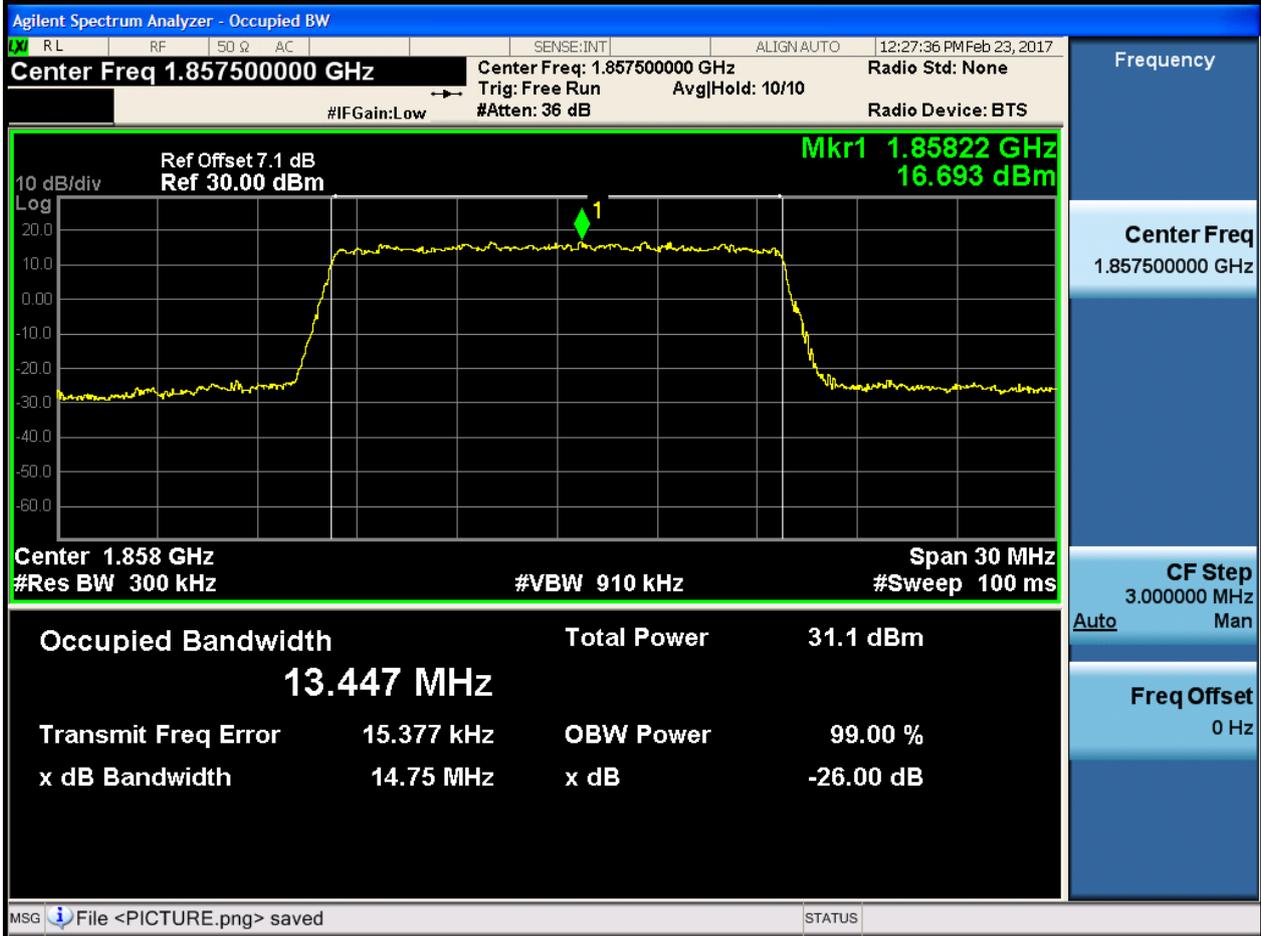




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

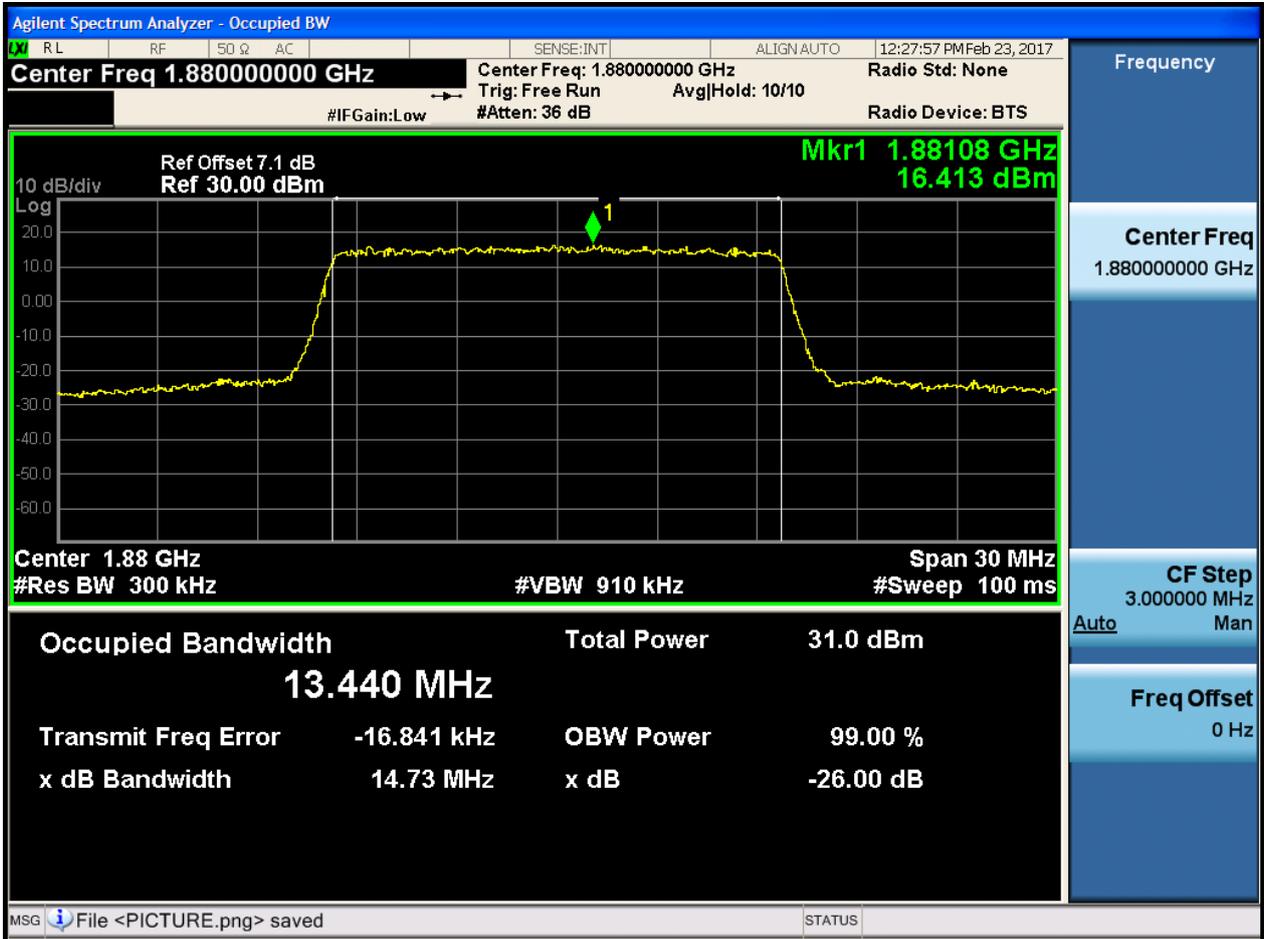
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



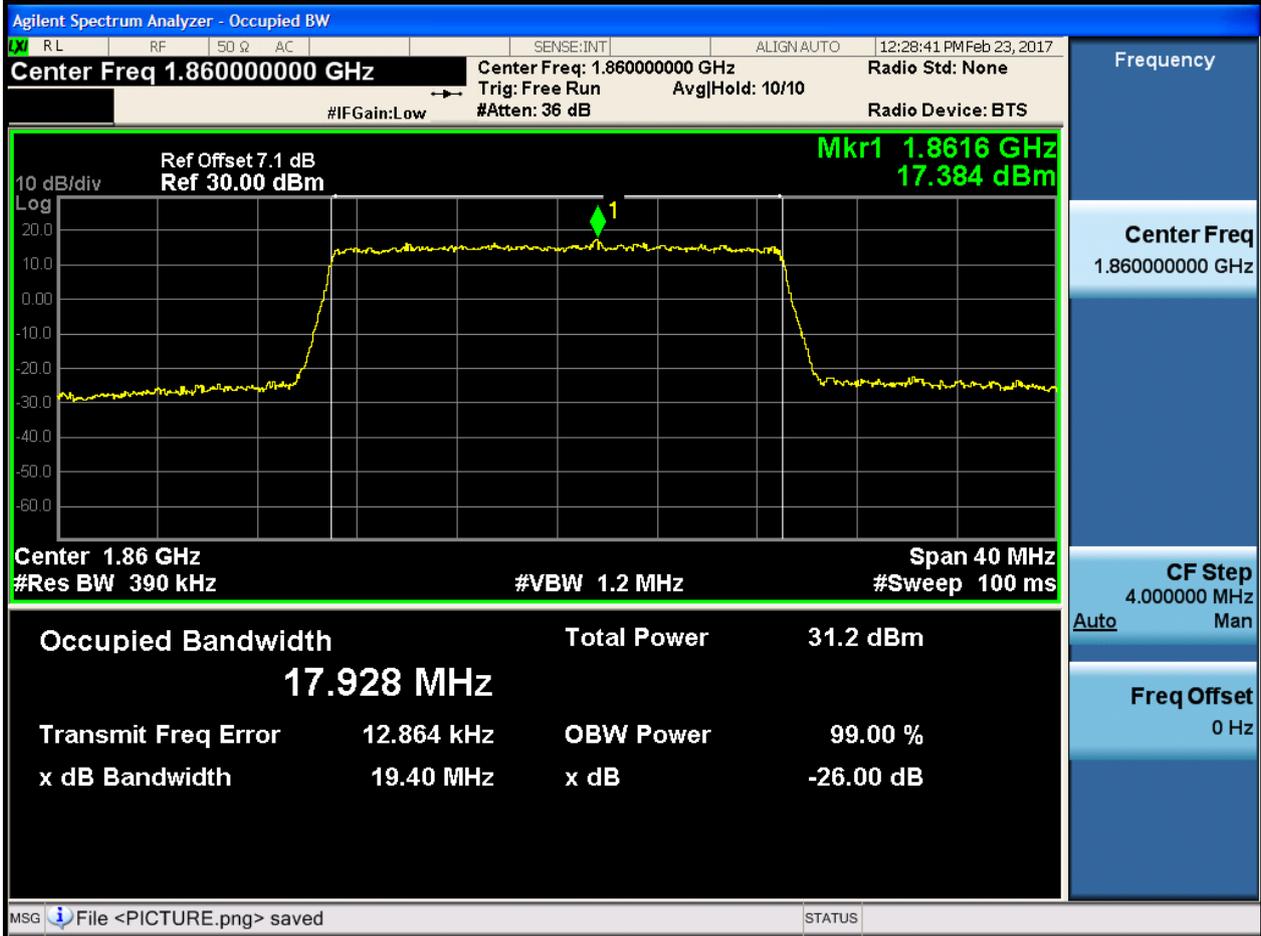




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

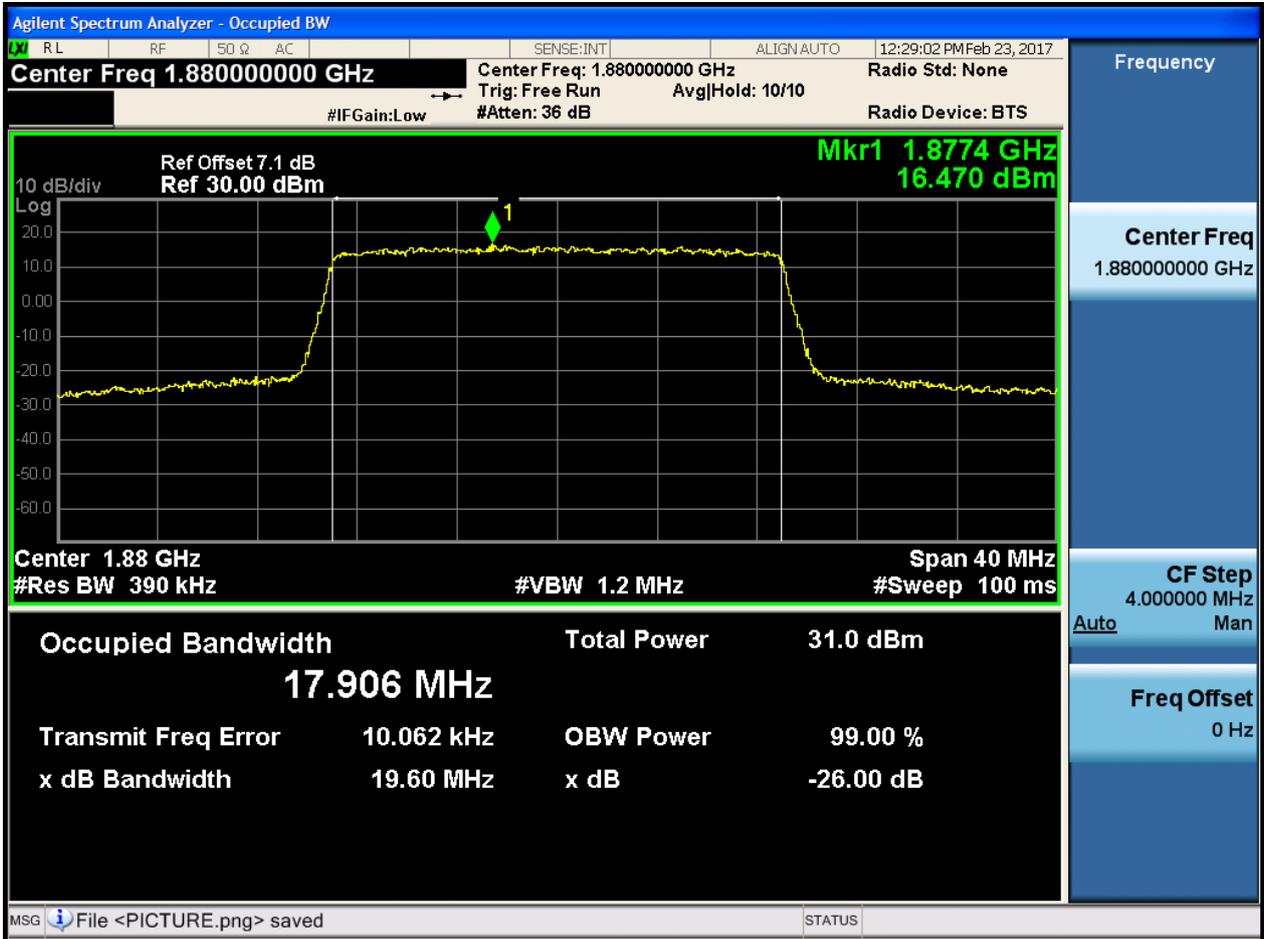
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

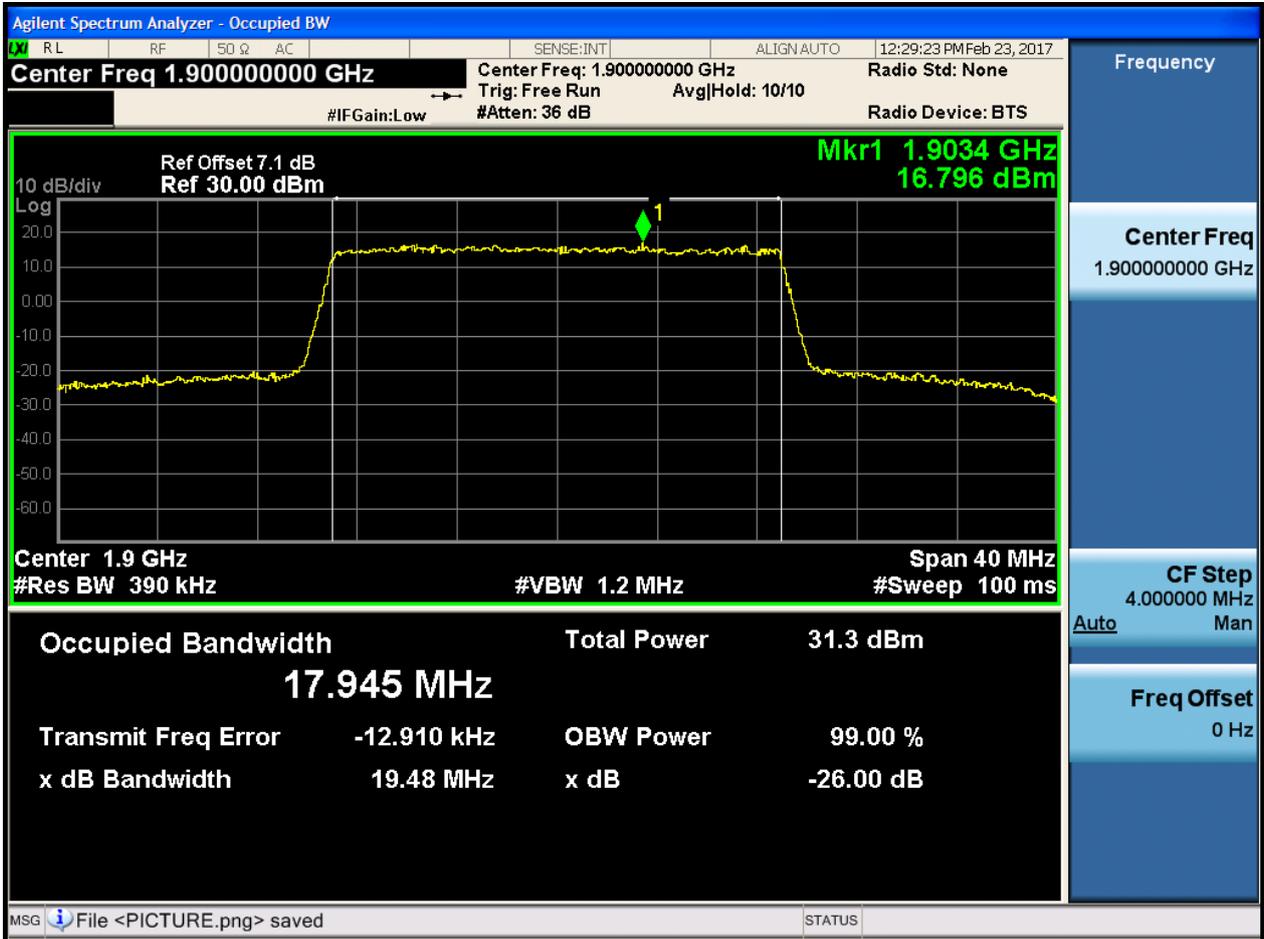
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



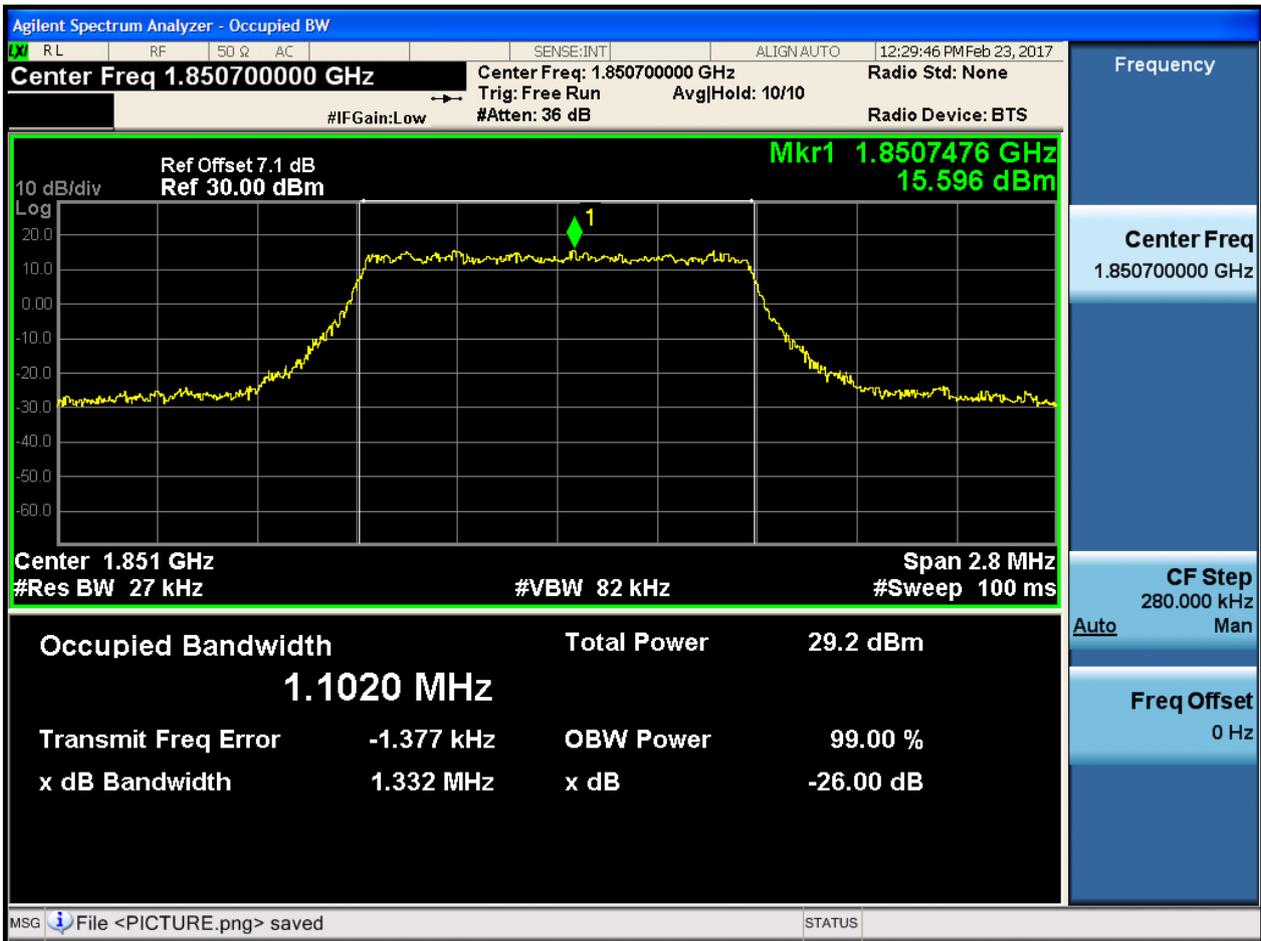


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

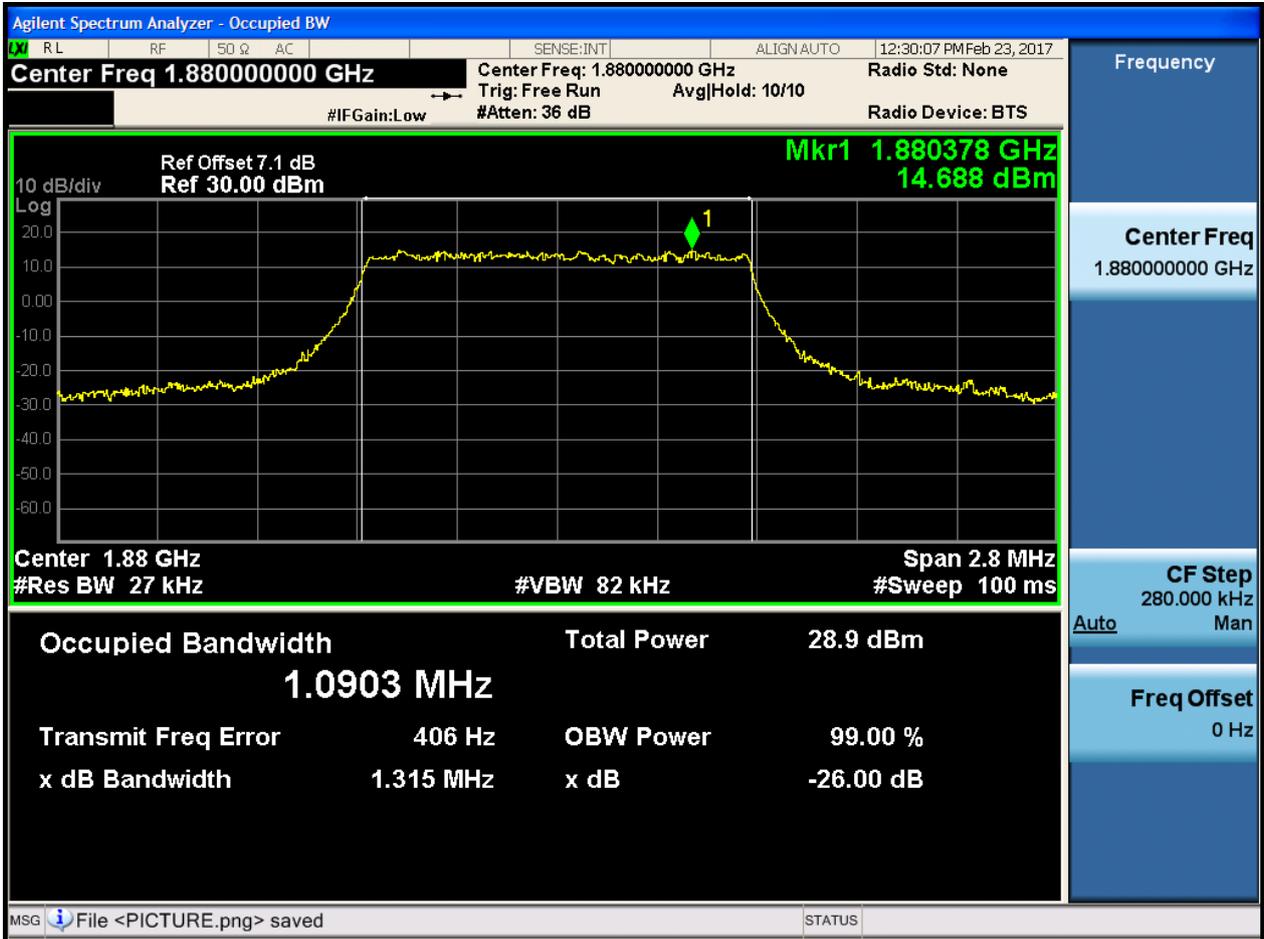
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

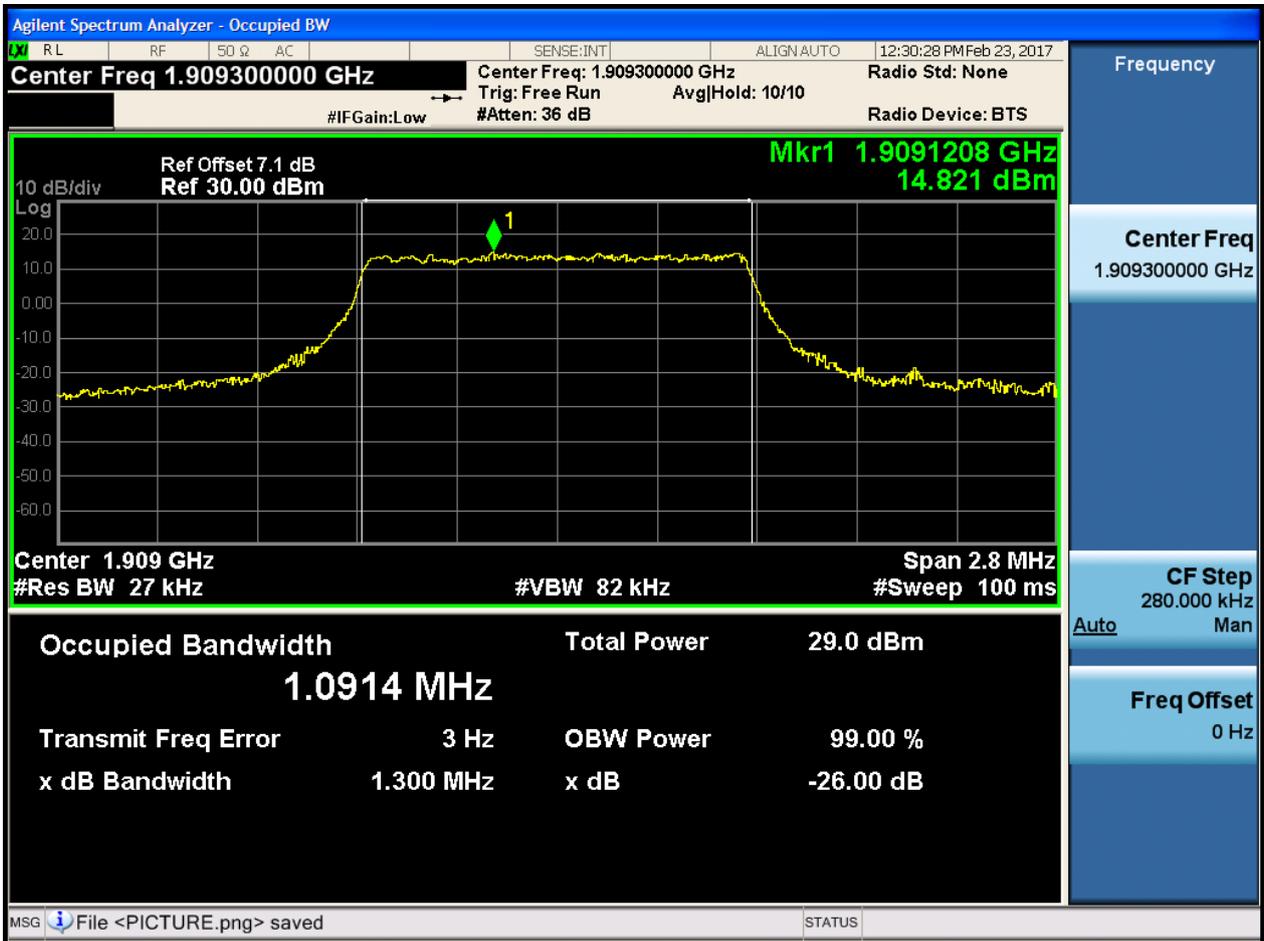
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

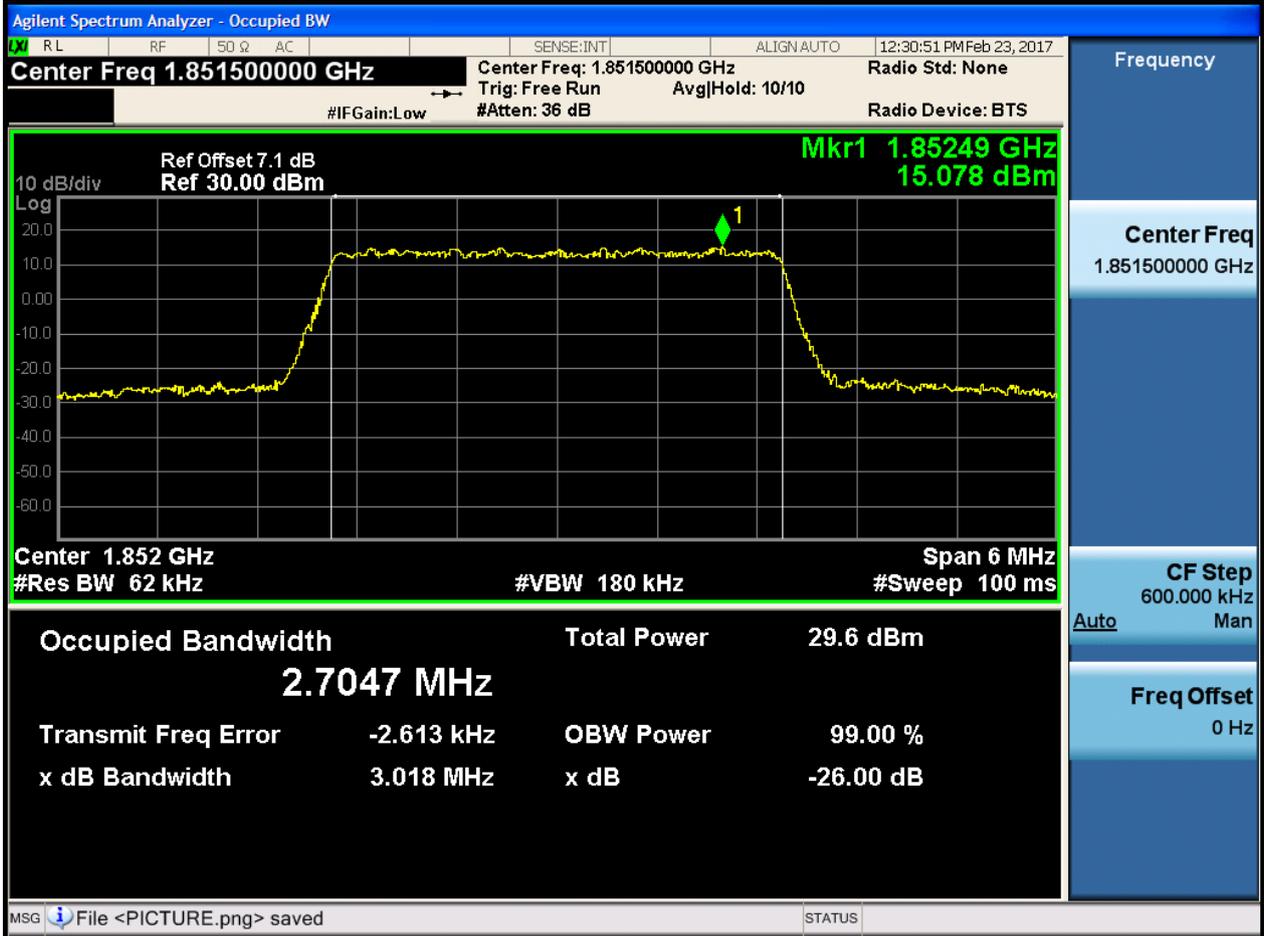




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

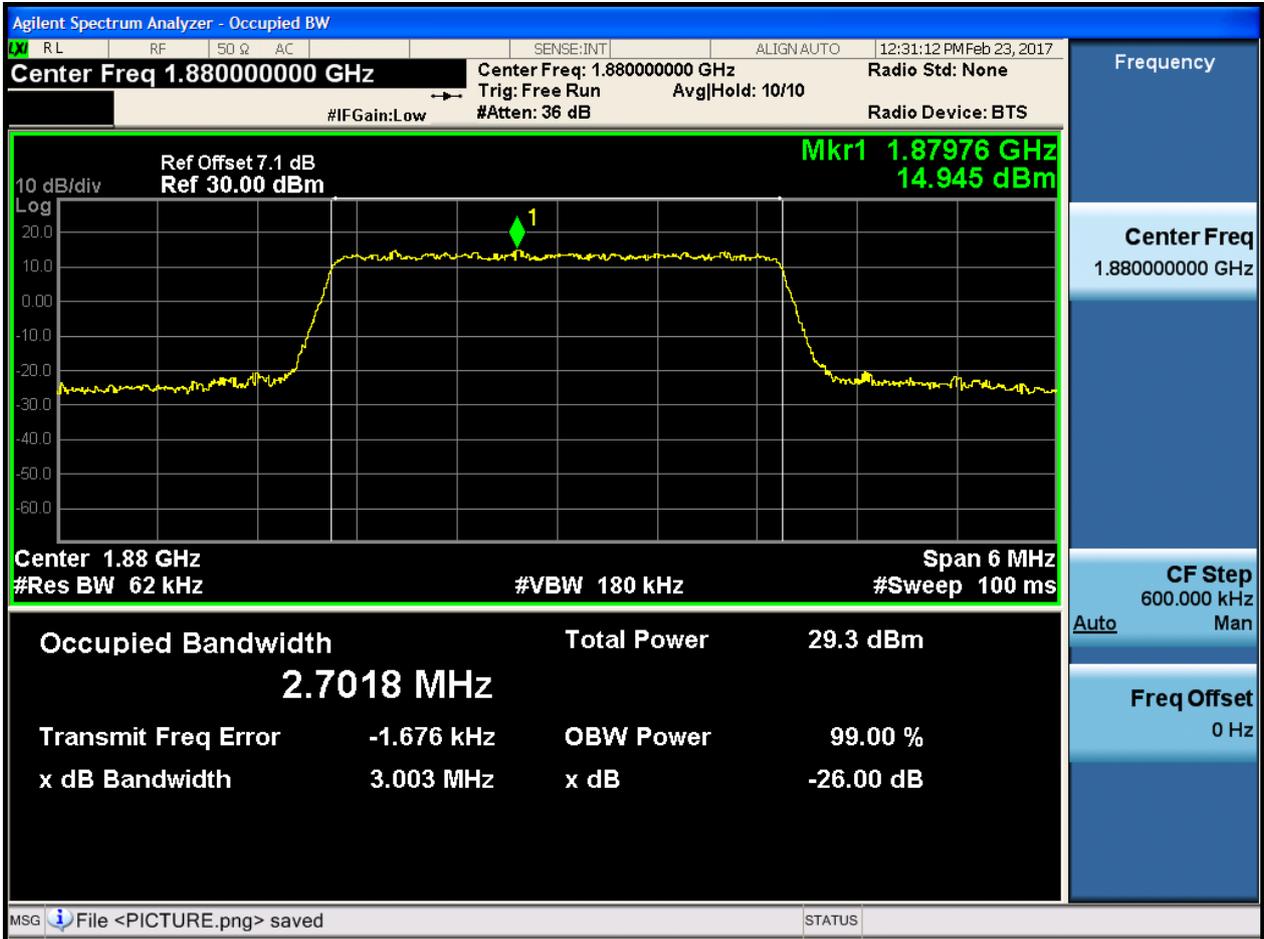
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

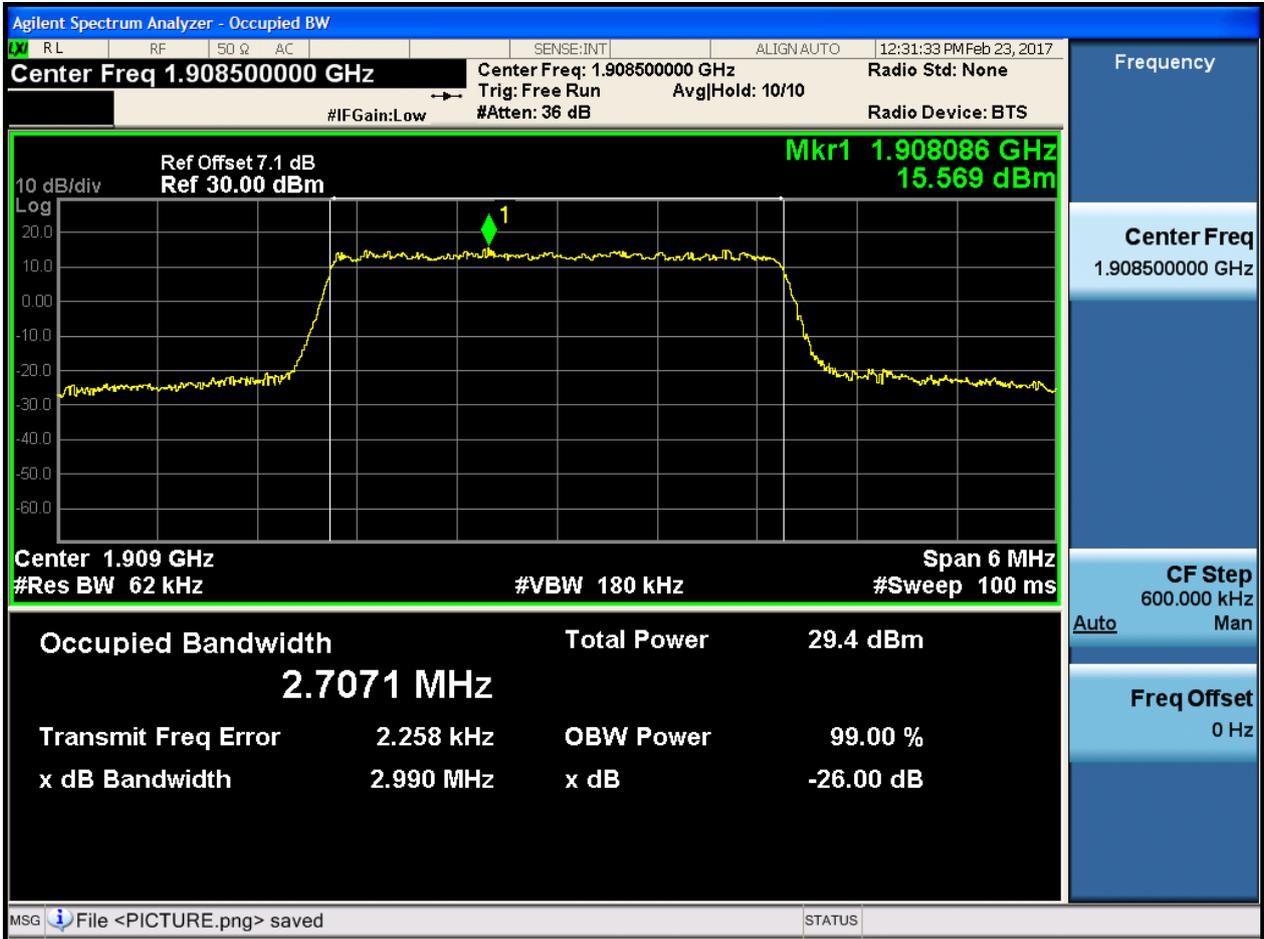
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

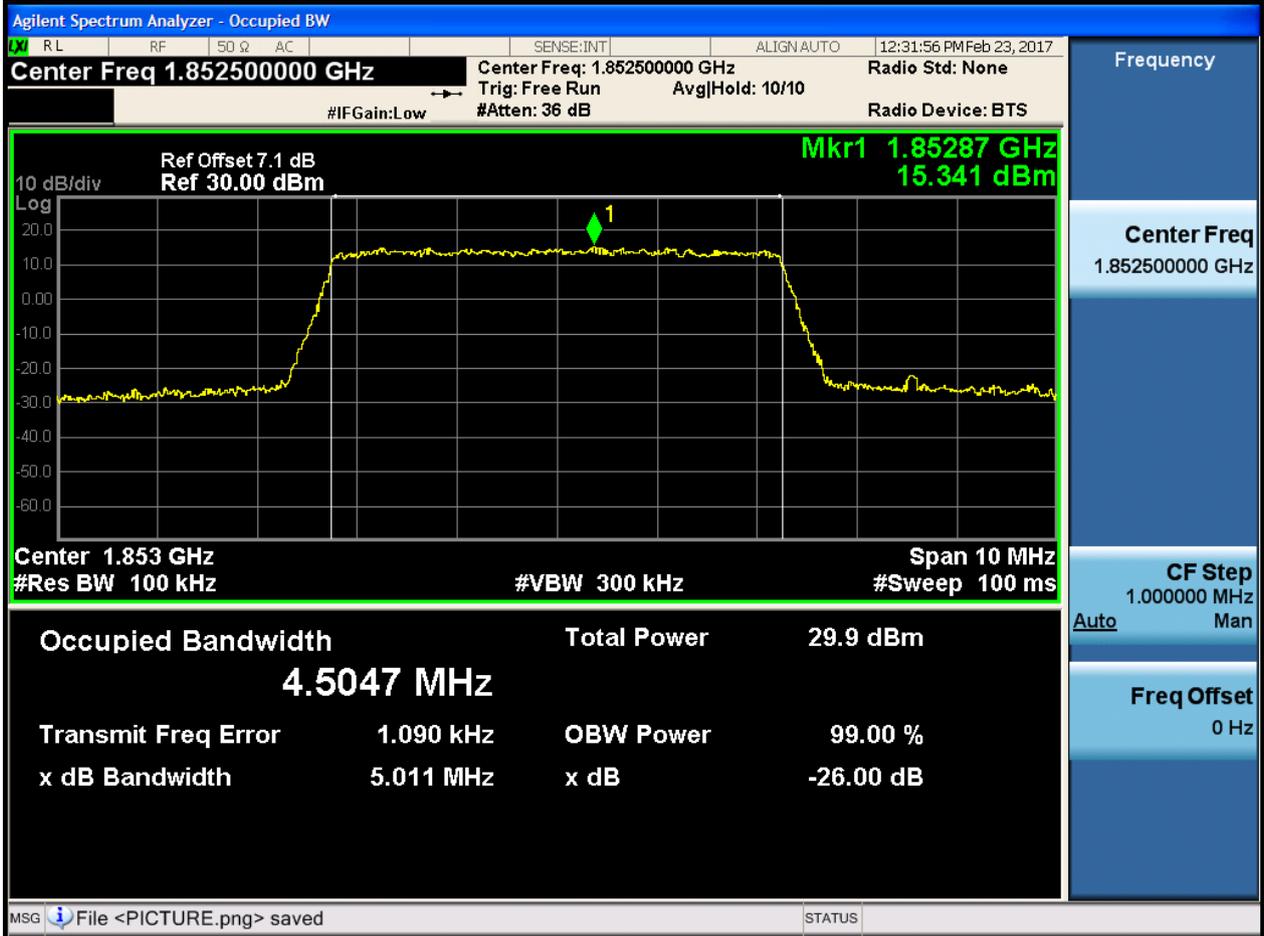




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

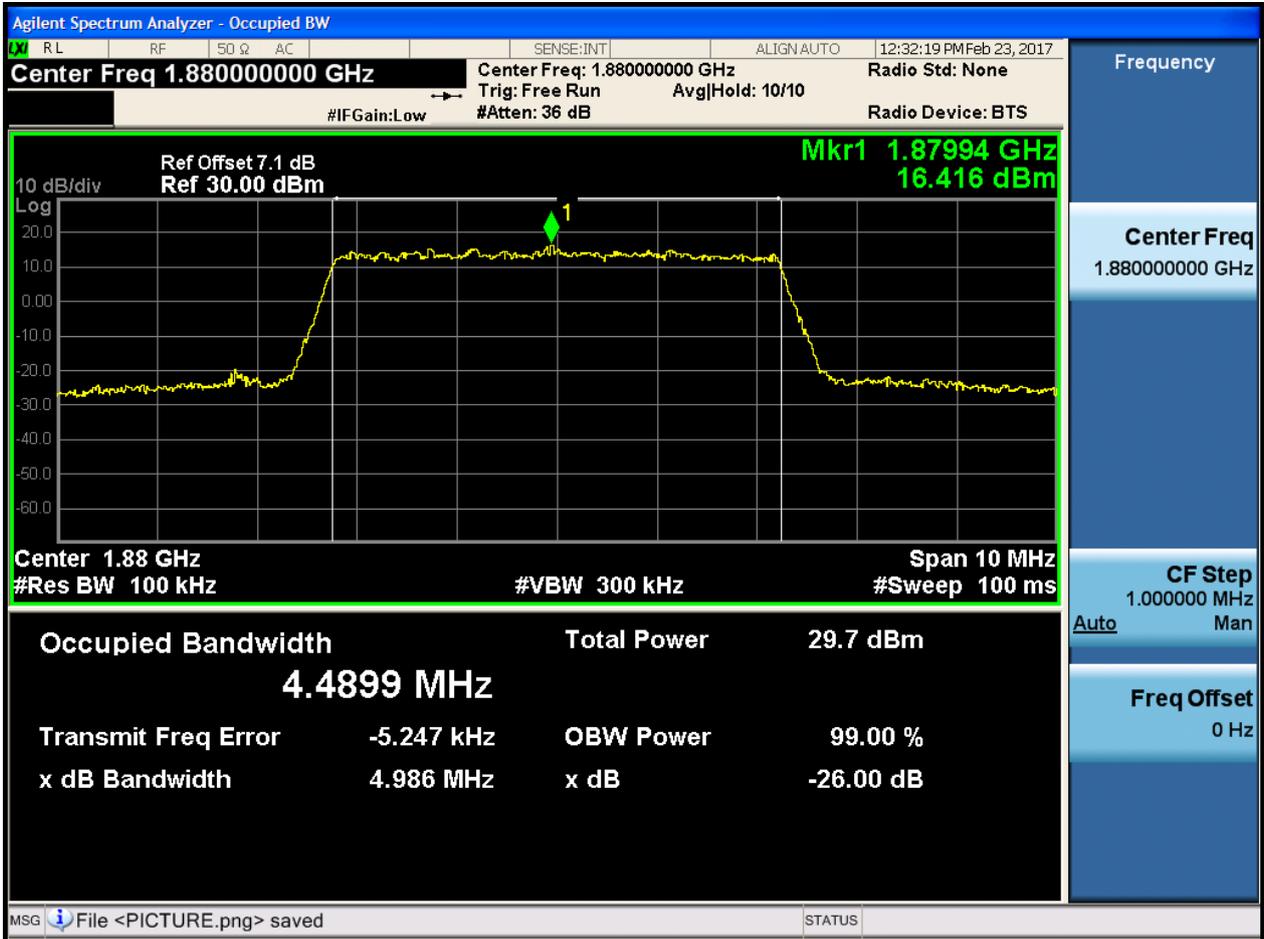
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

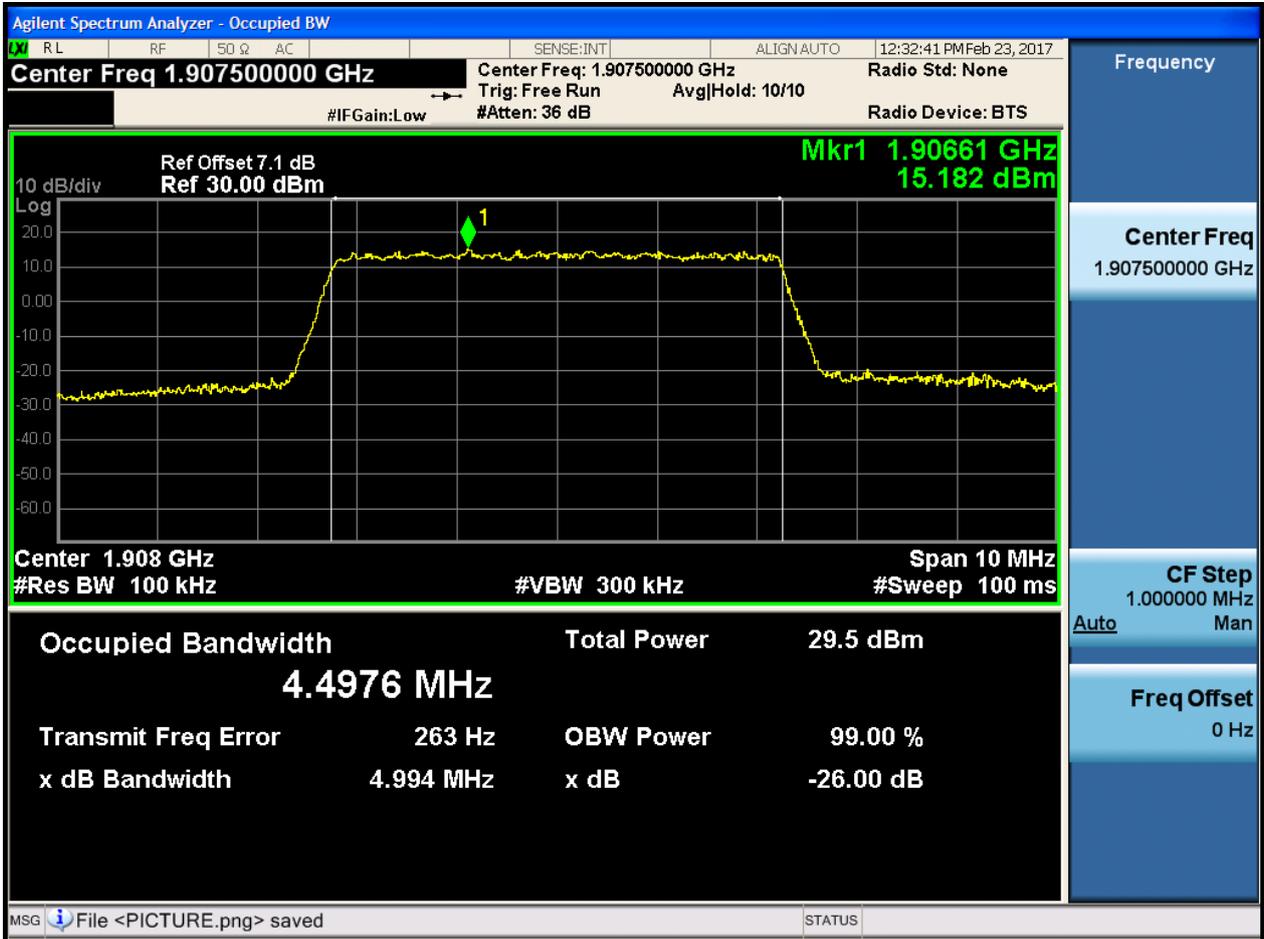
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

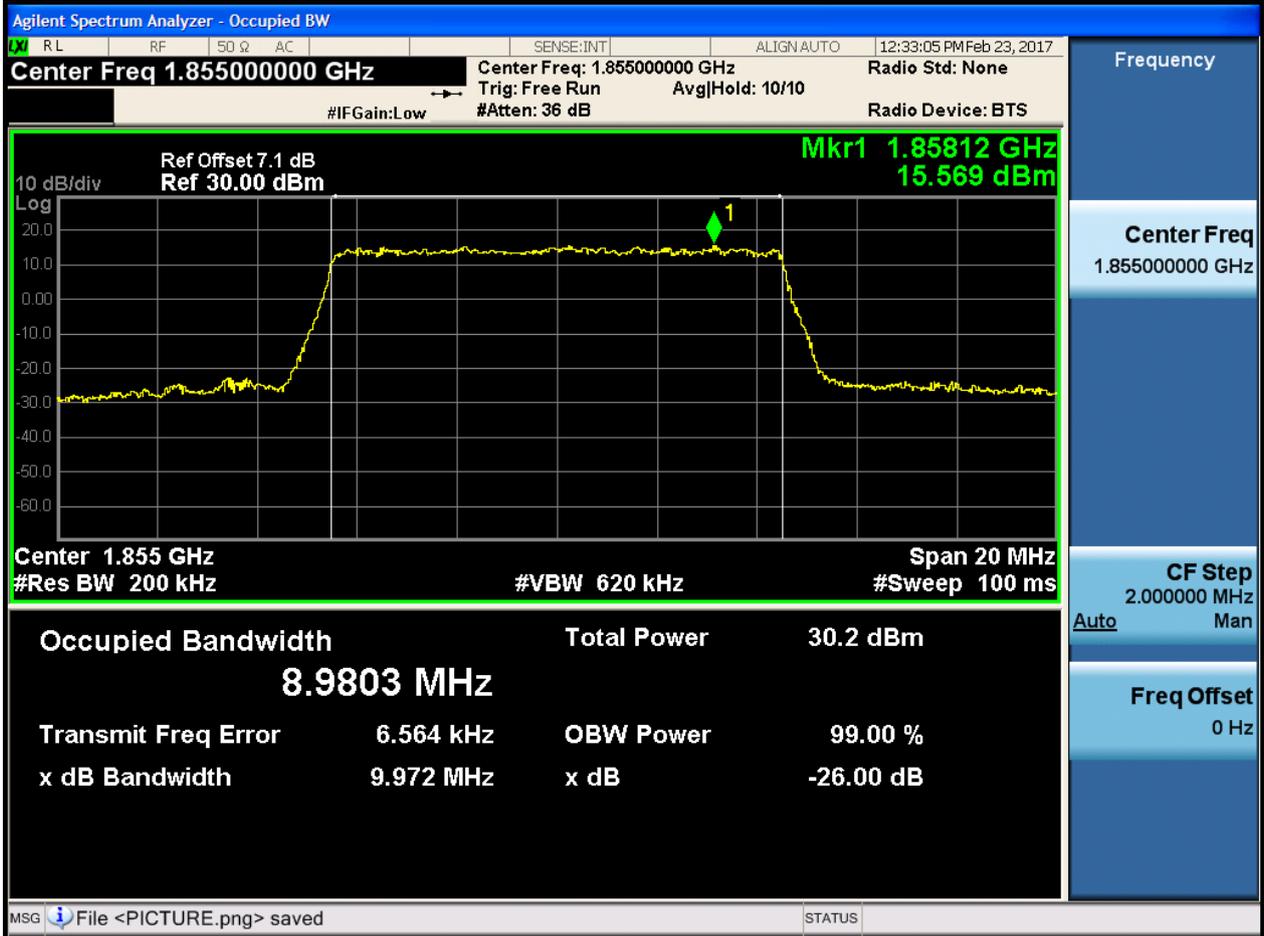




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

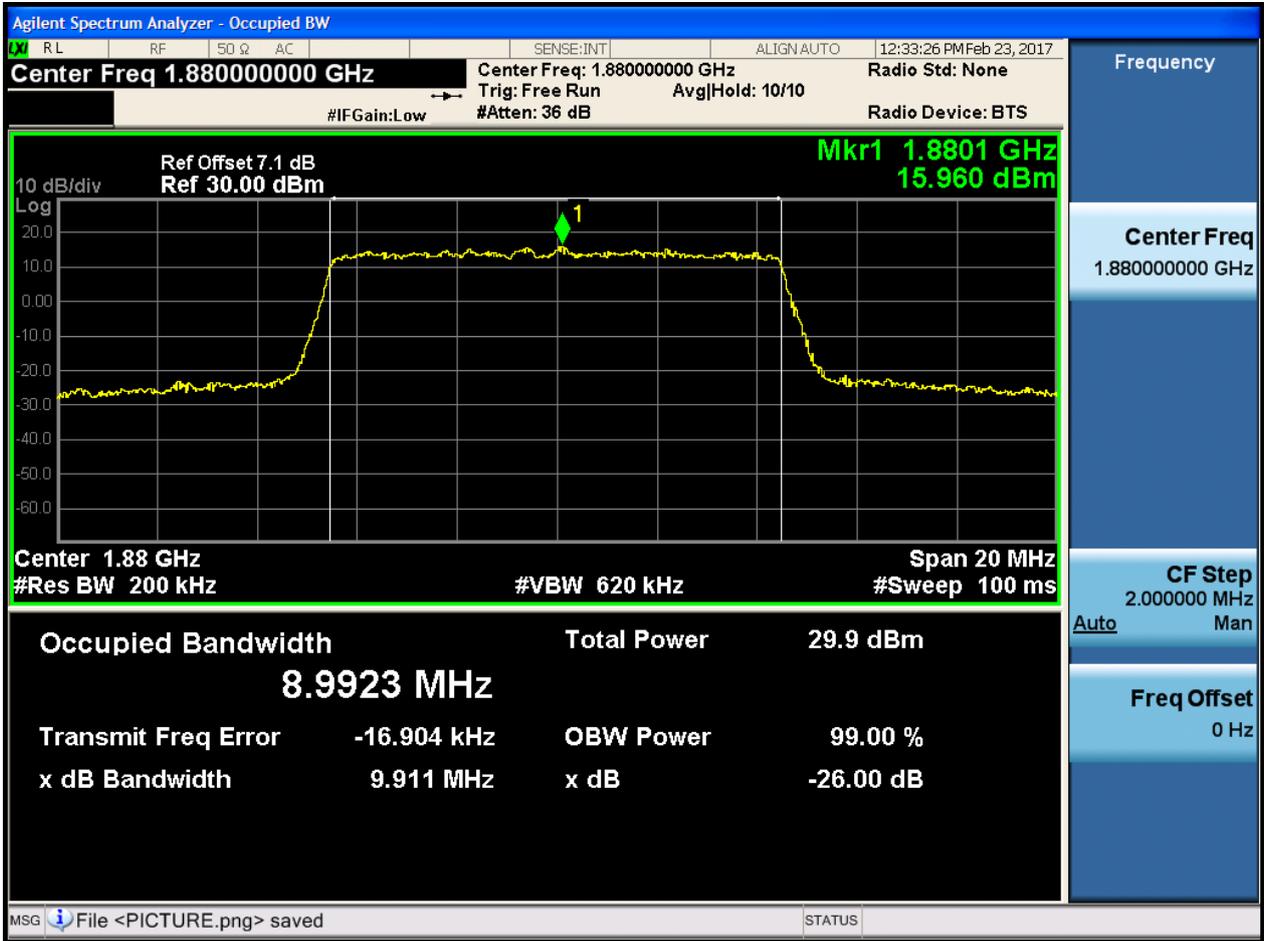
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

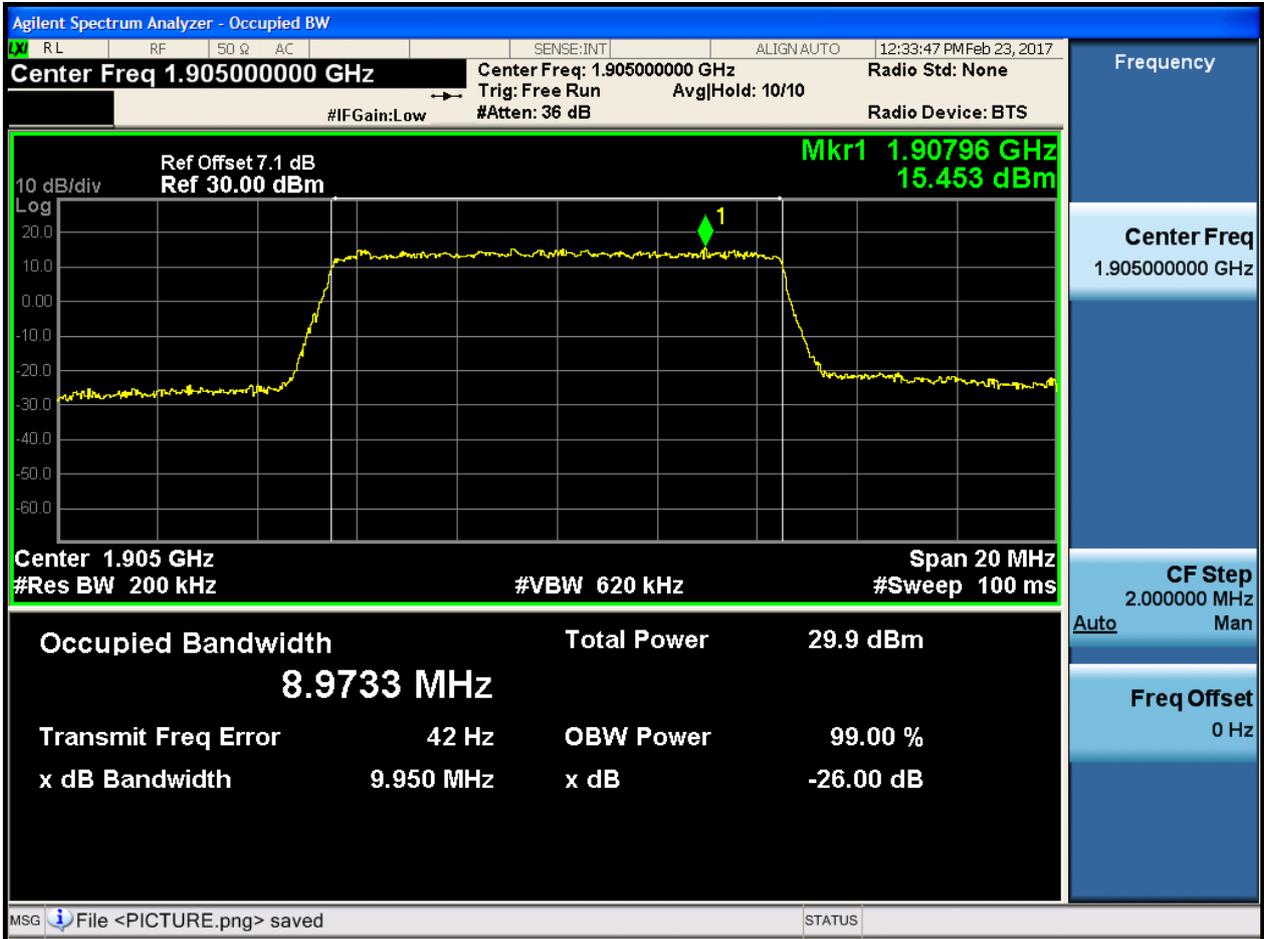
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

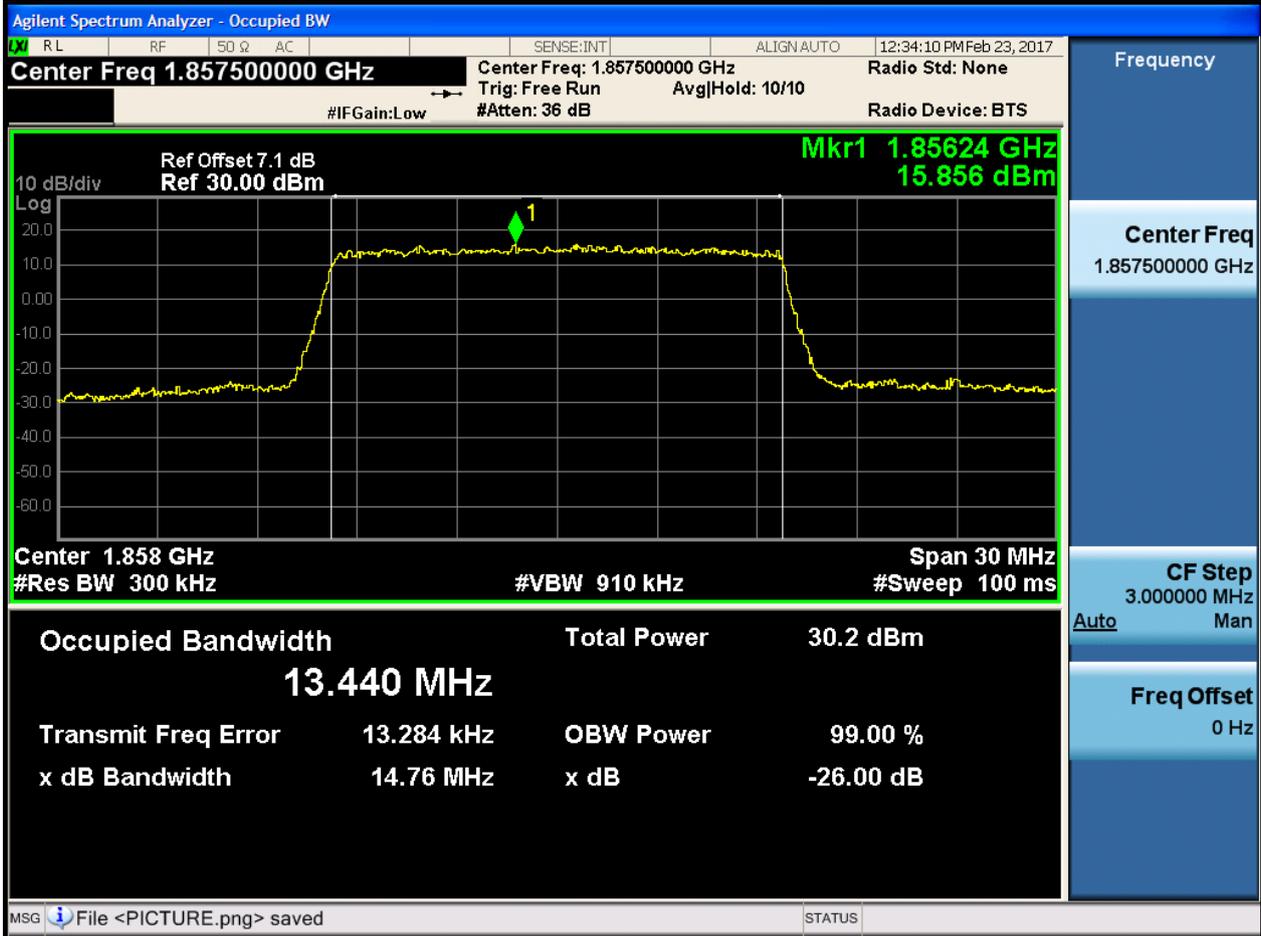




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

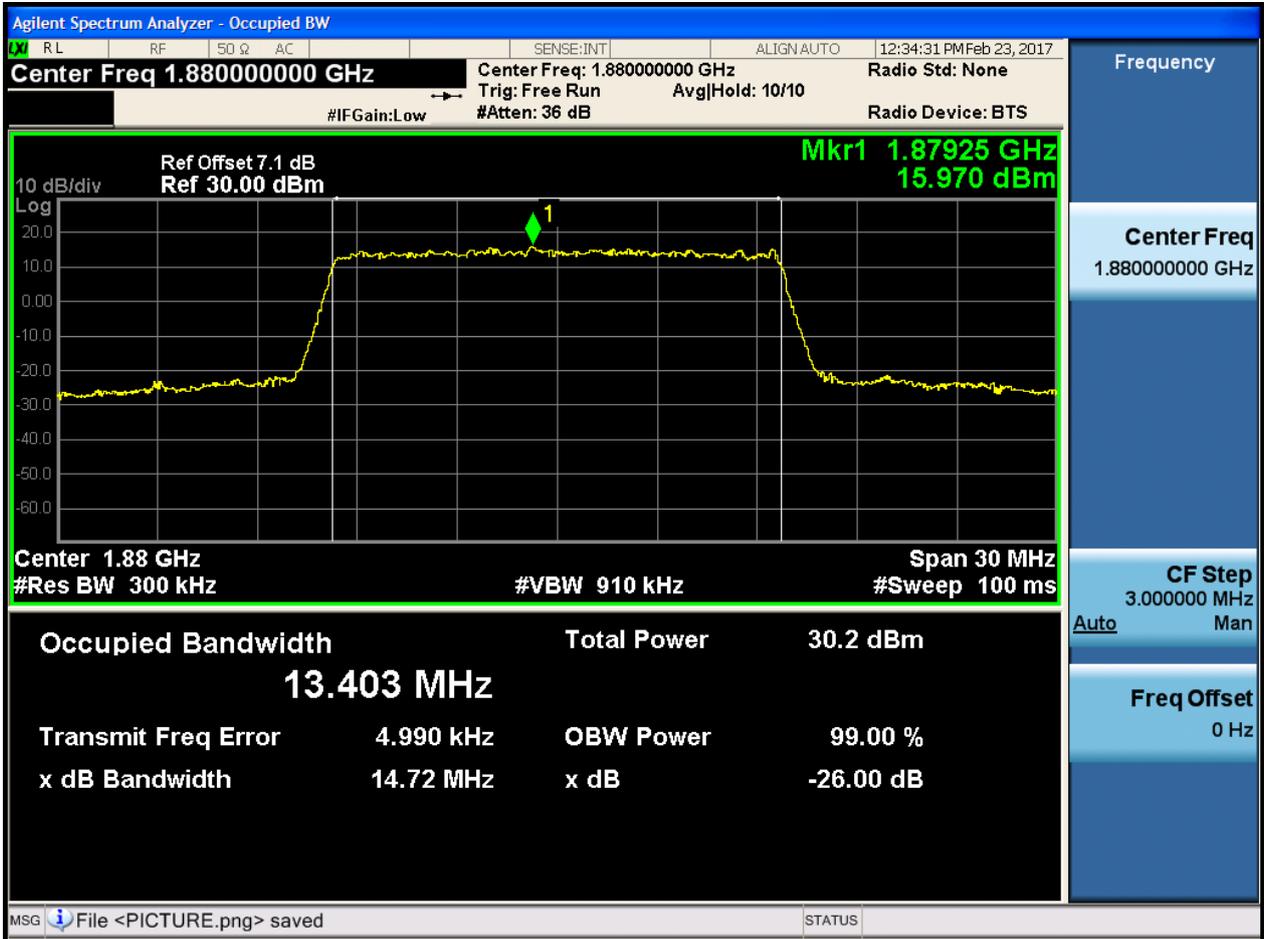
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

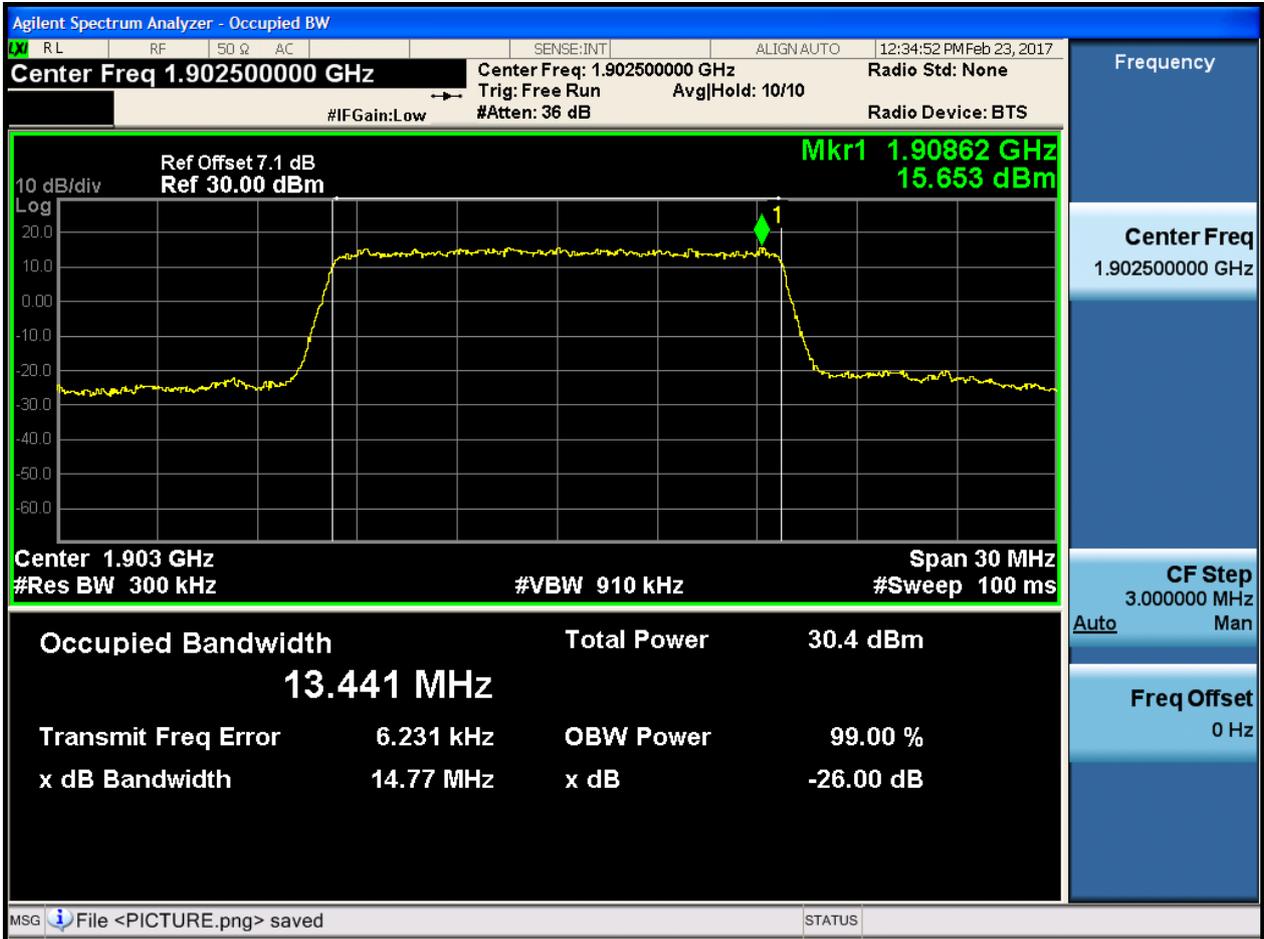
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

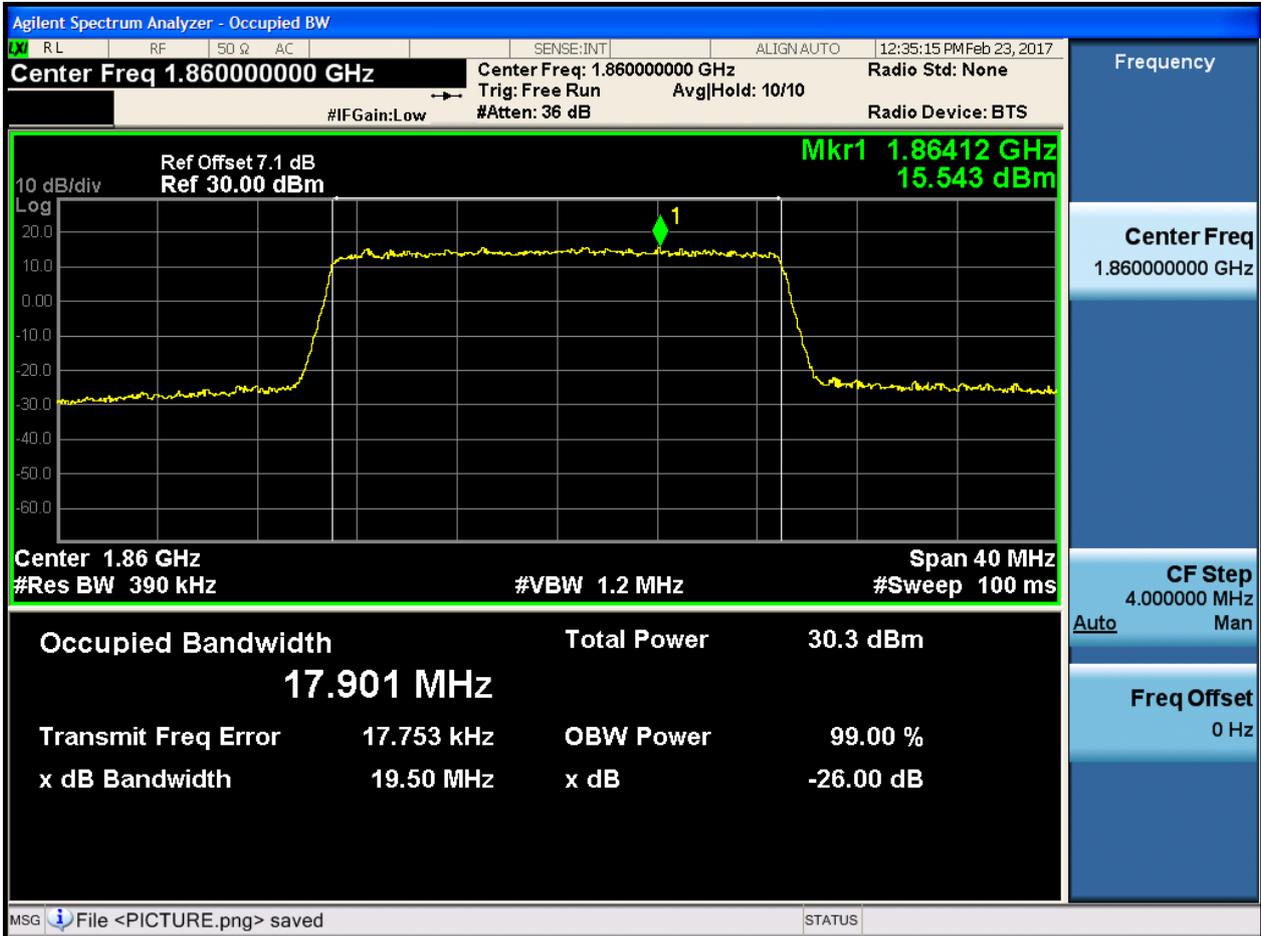




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

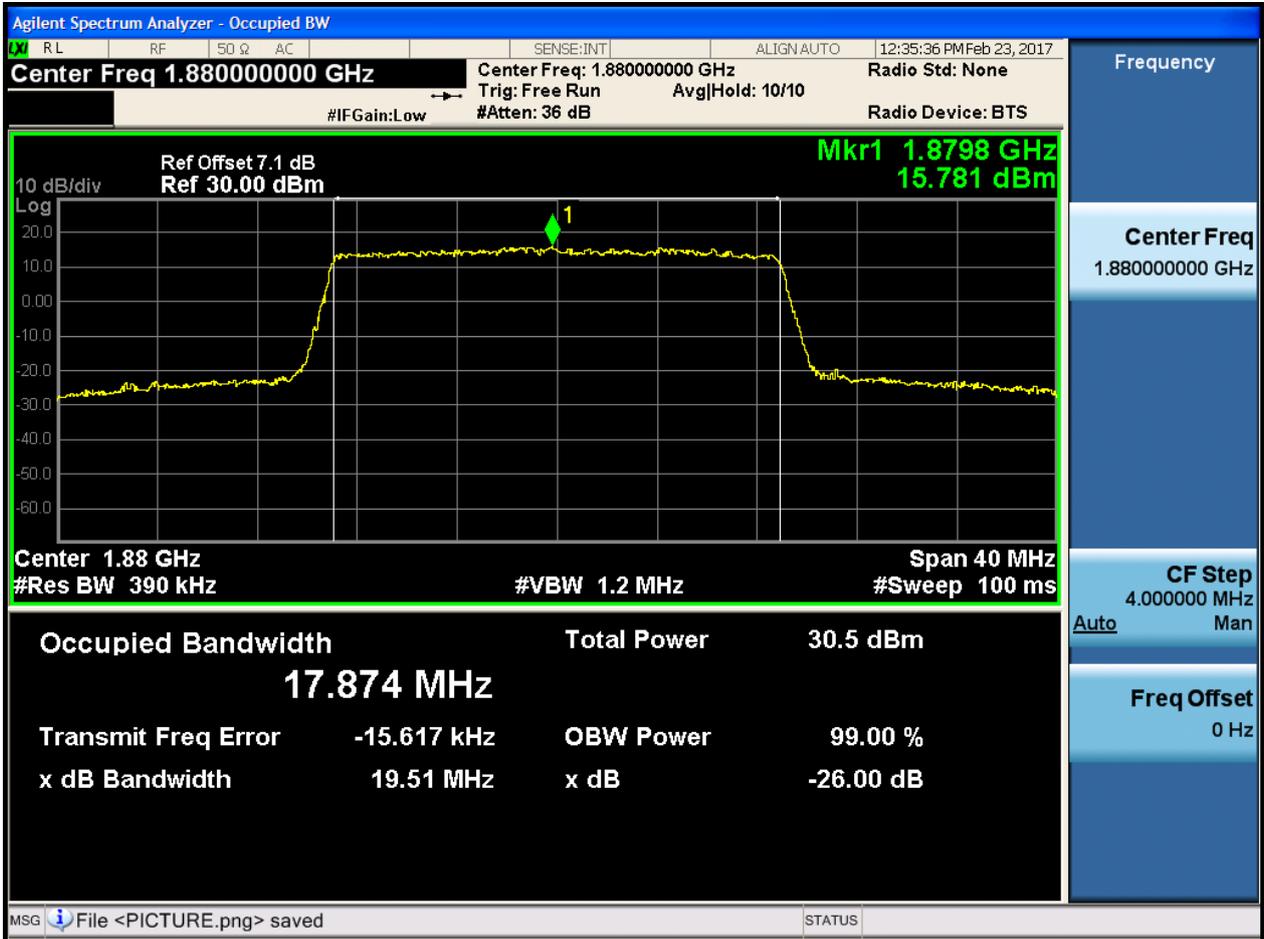
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

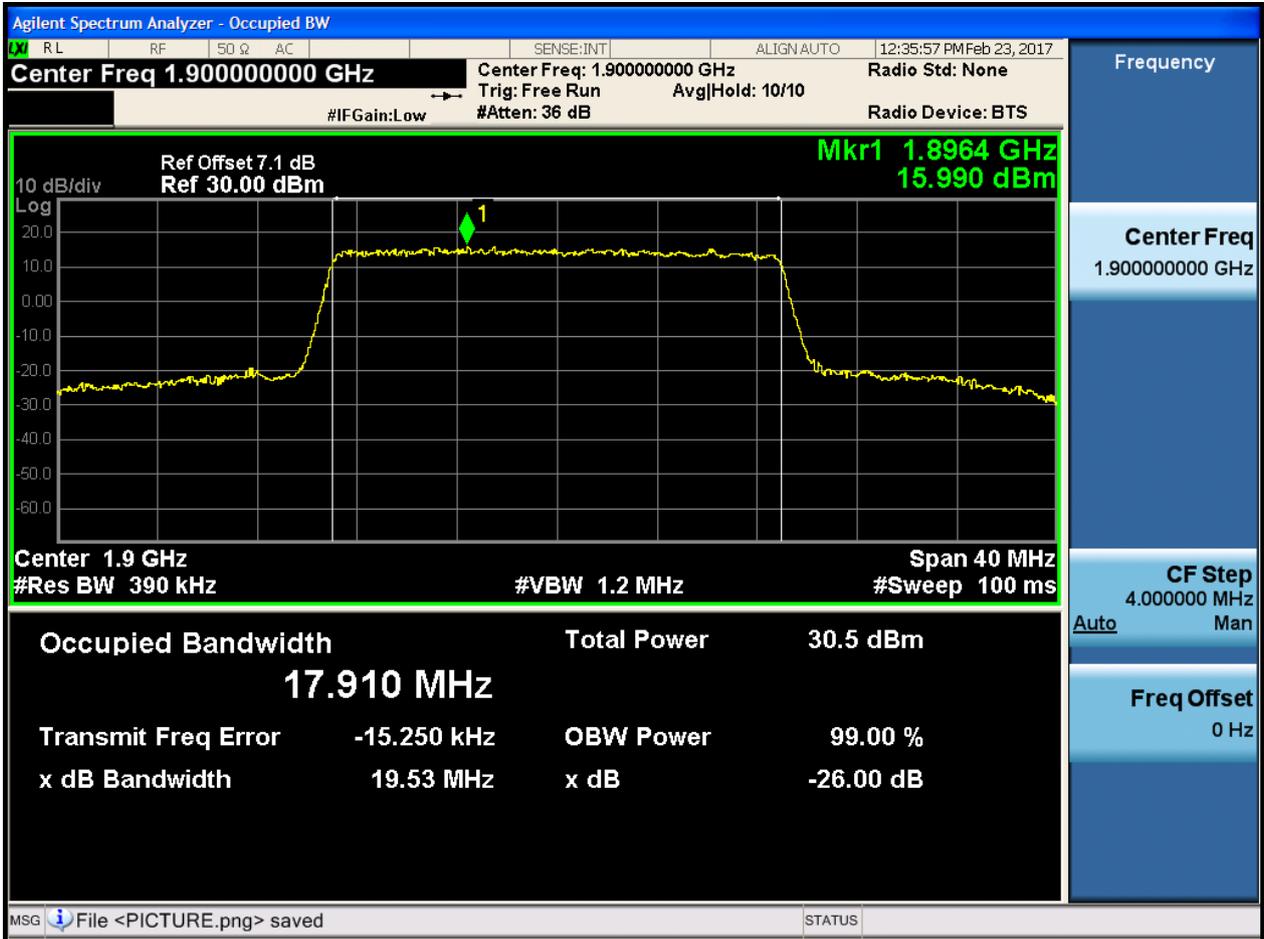
4.1.1.2.6.2.1 Test RB = RB100#0





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





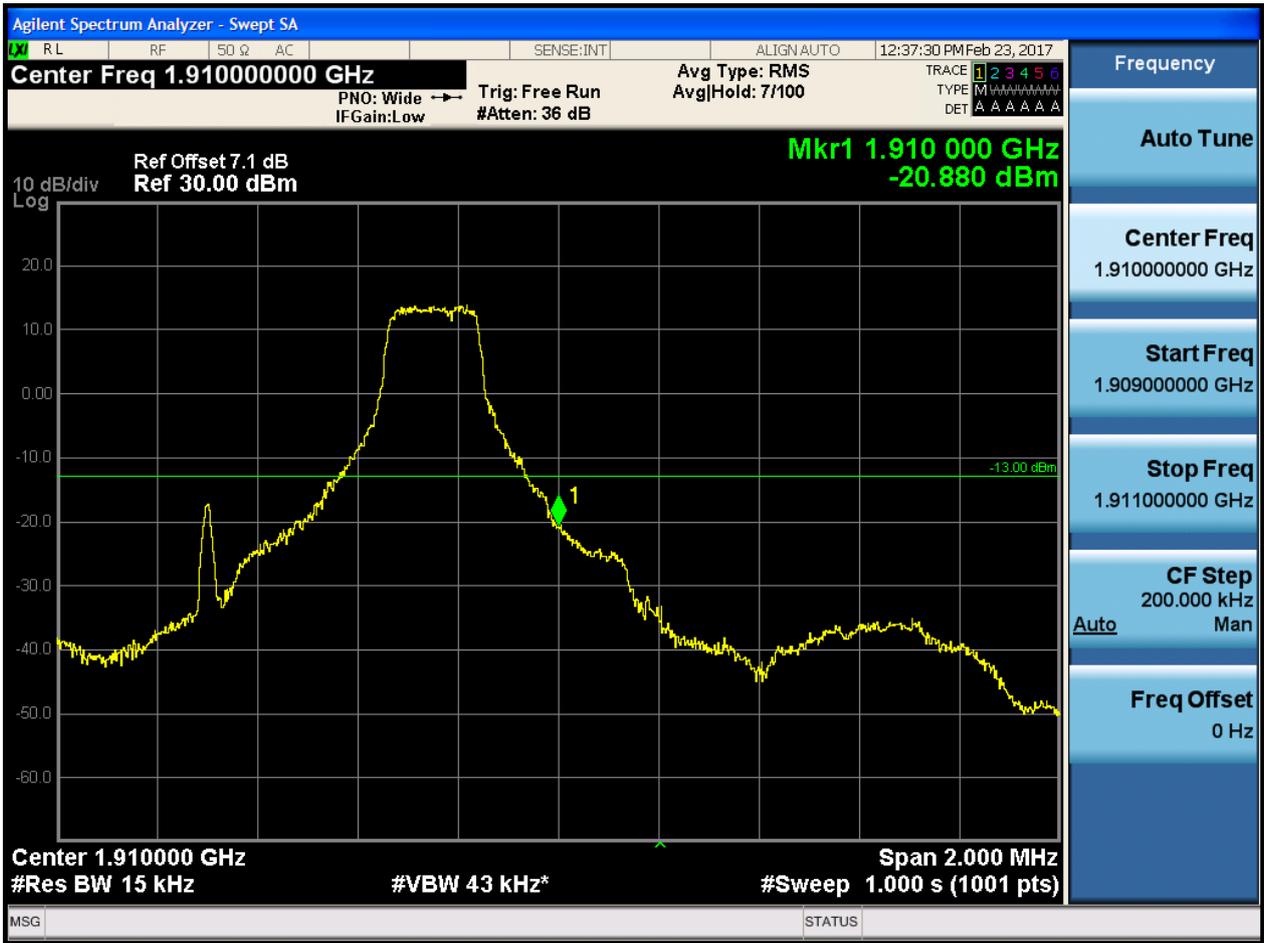
5.1.1.1.1.2 Test Channel = HCH

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





5.1.1.1.2.4 Test RB = RB6#0

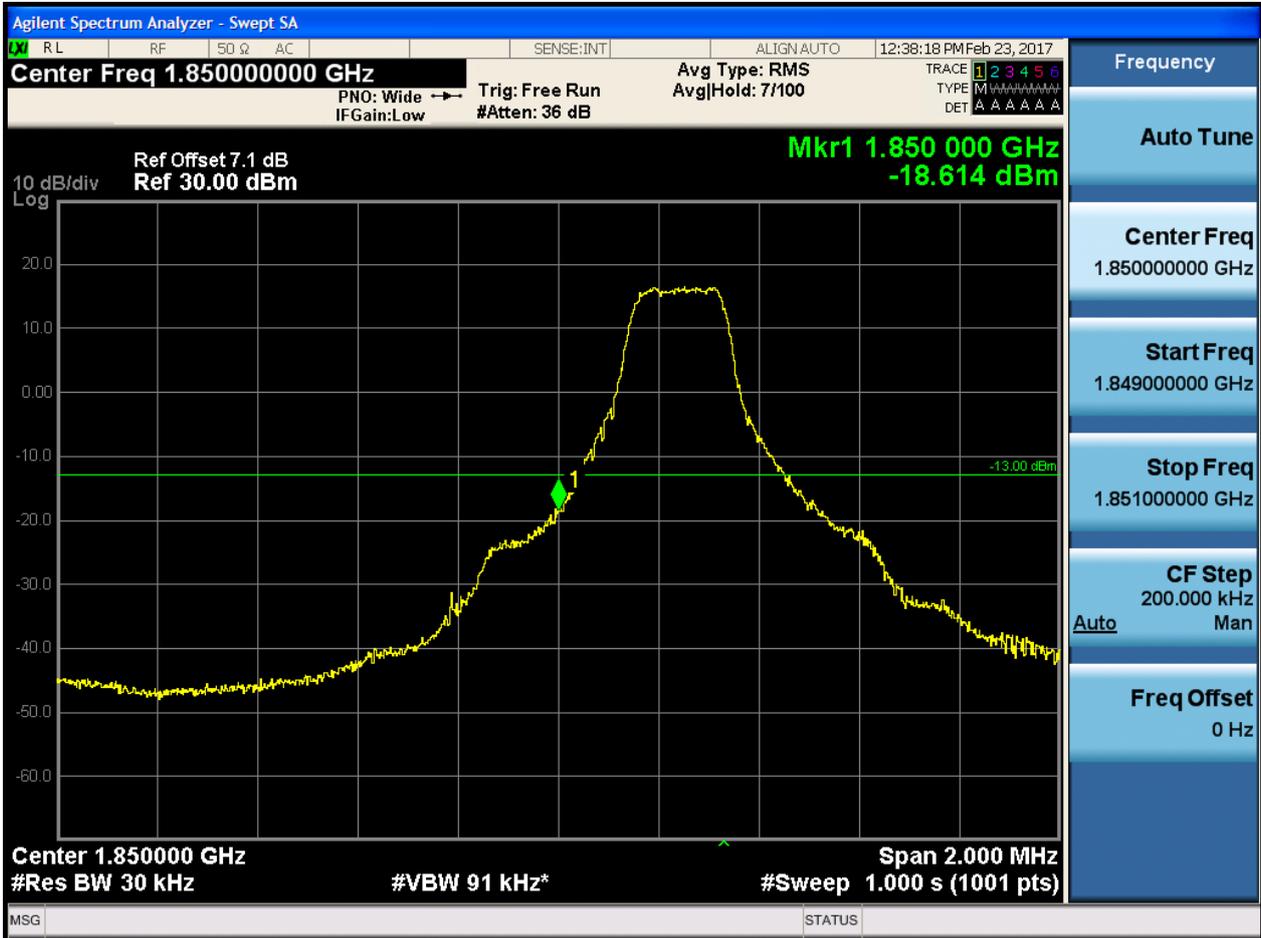




5.1.1.1.2 Test Bandwidth = 3

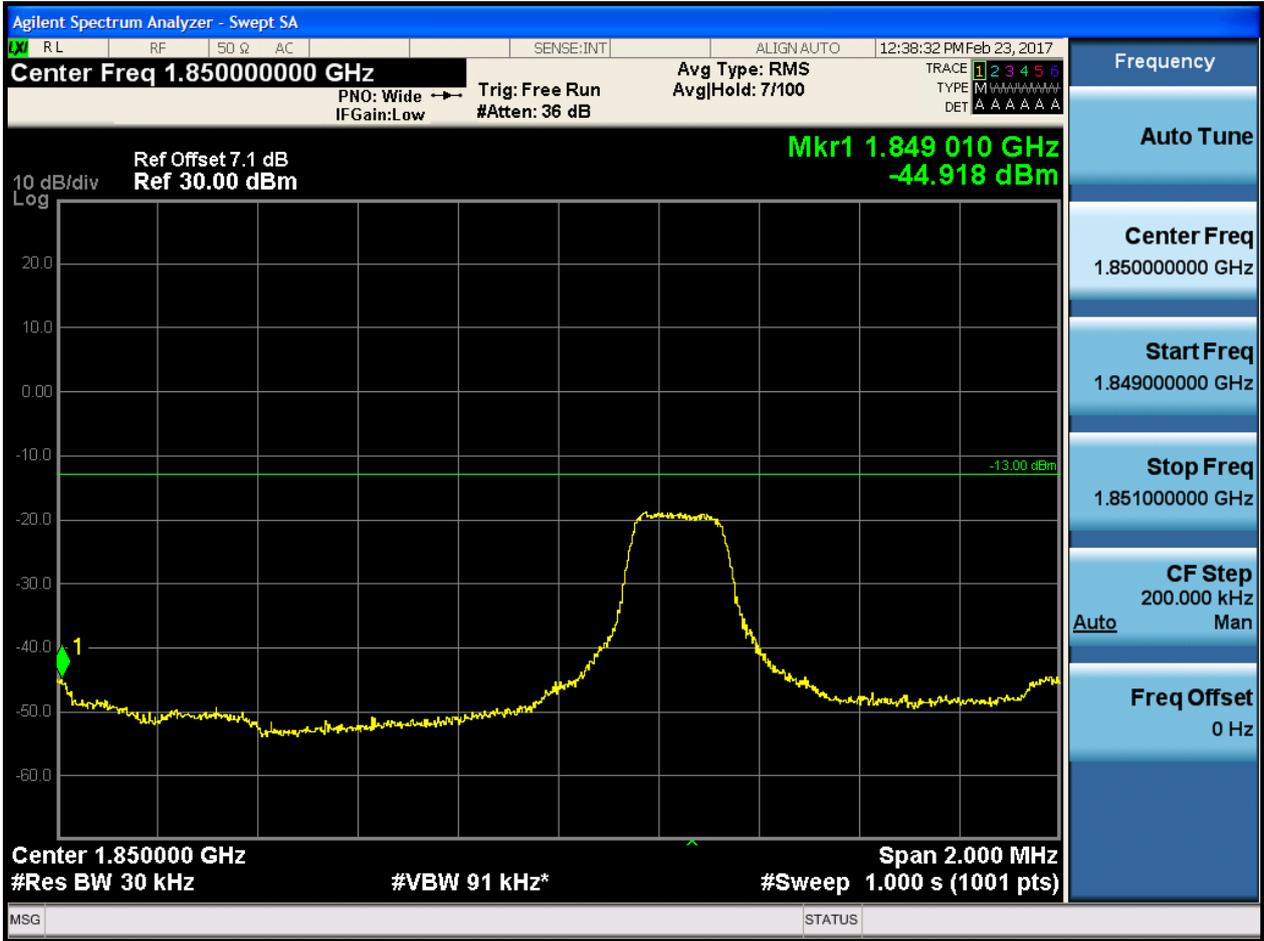
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4





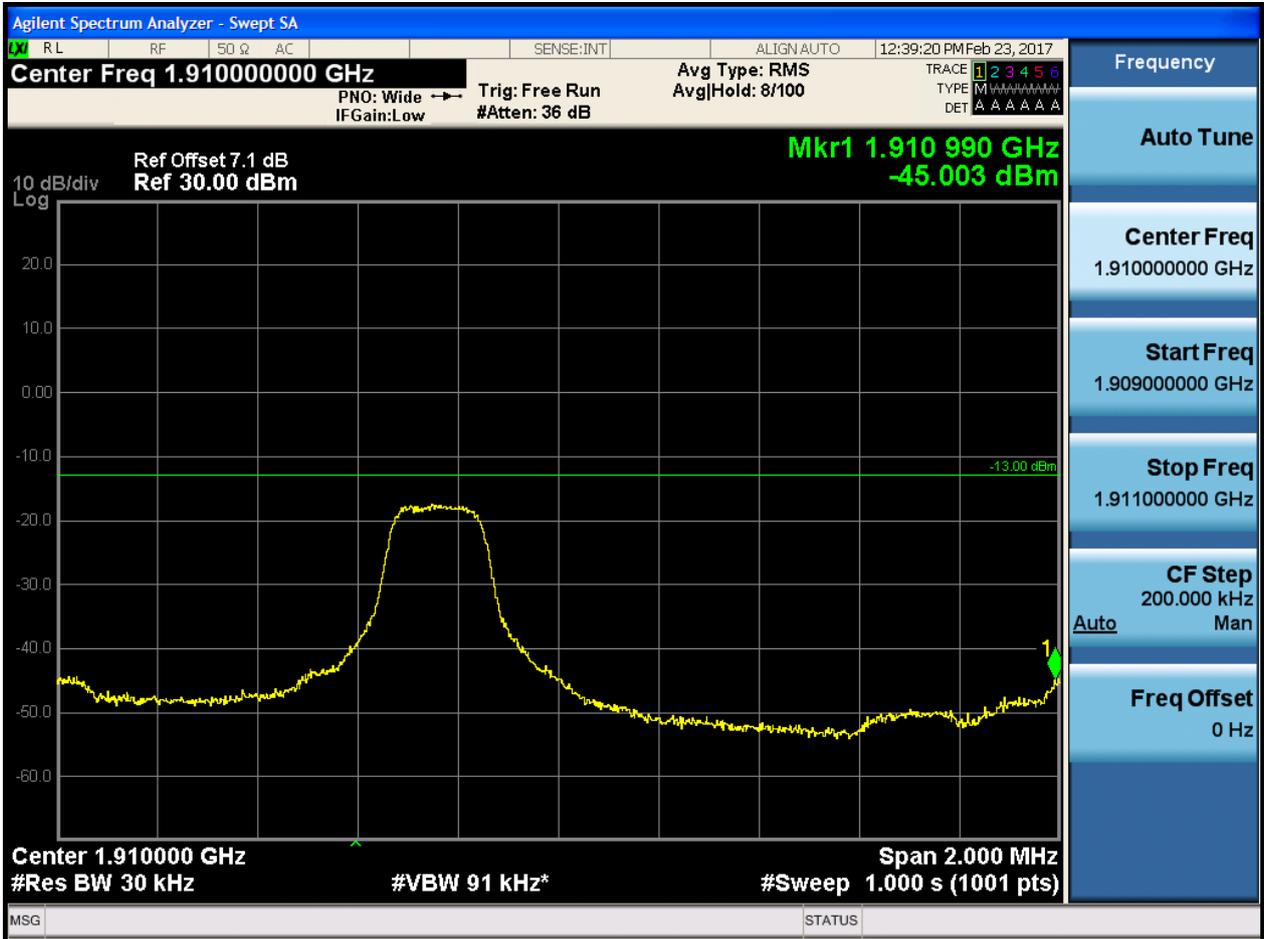
5.1.1.1.2.1.4 Test RB = RB15#0





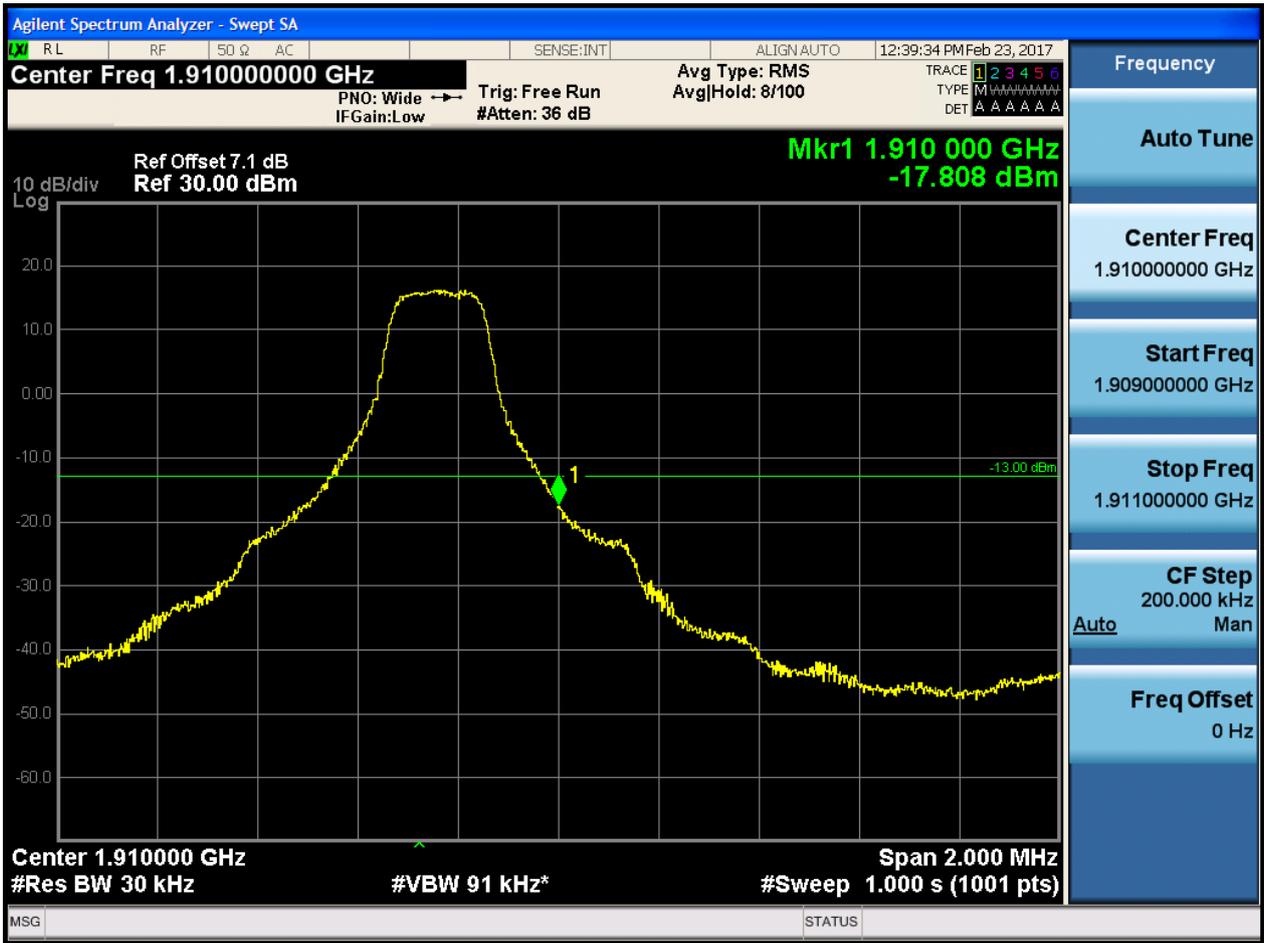
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



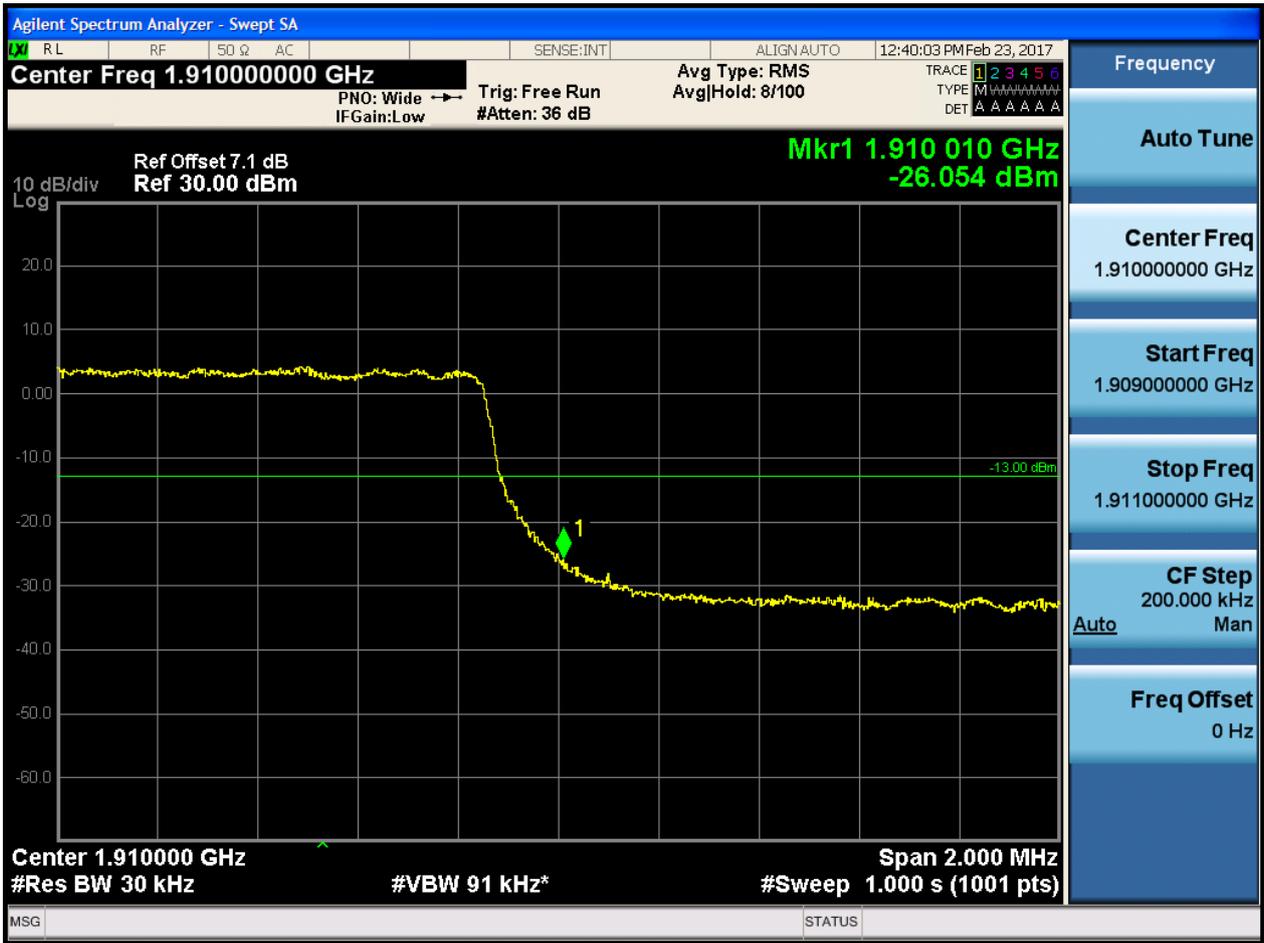


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

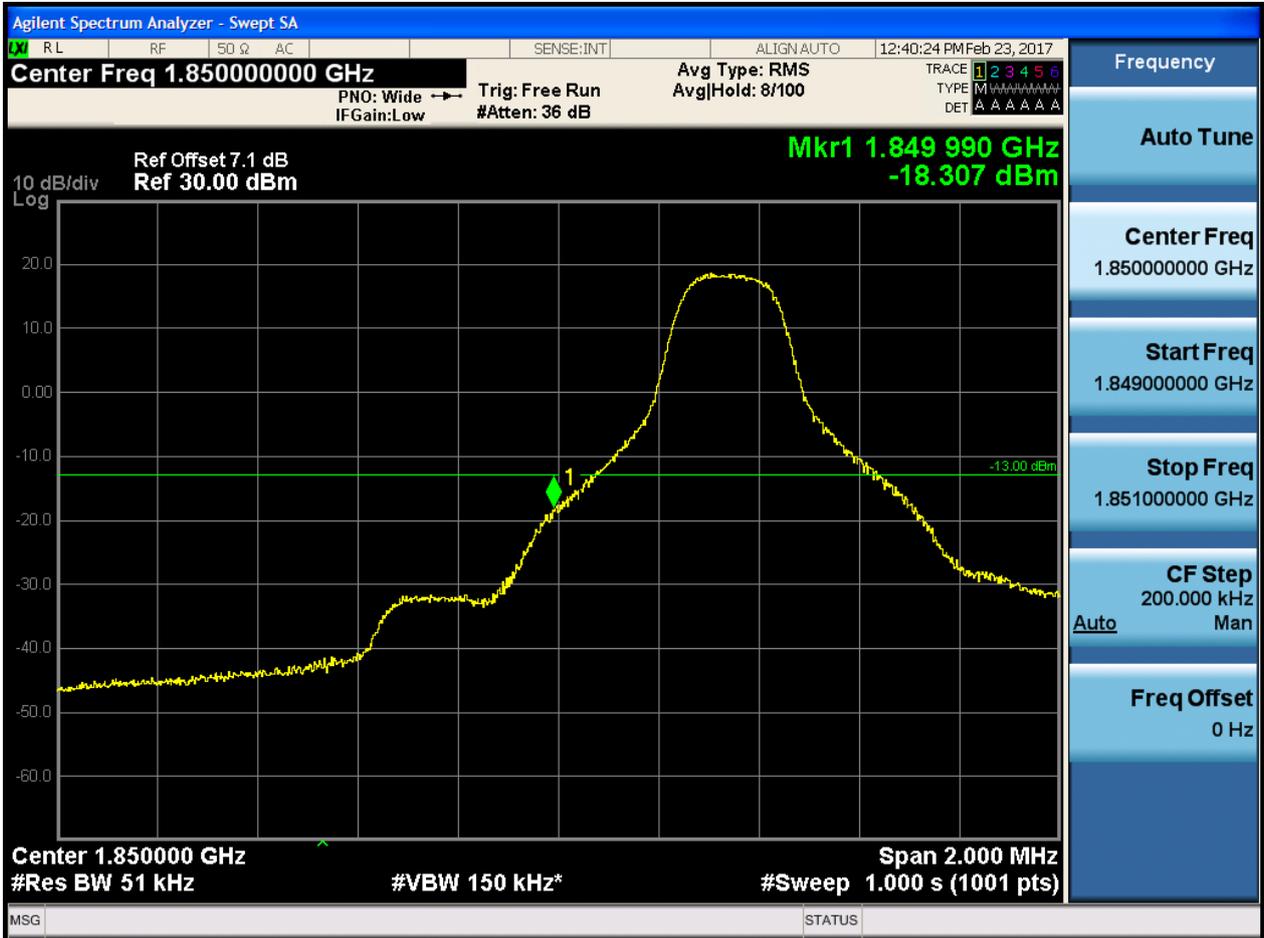




5.1.1.1.3 Test Bandwidth = 5

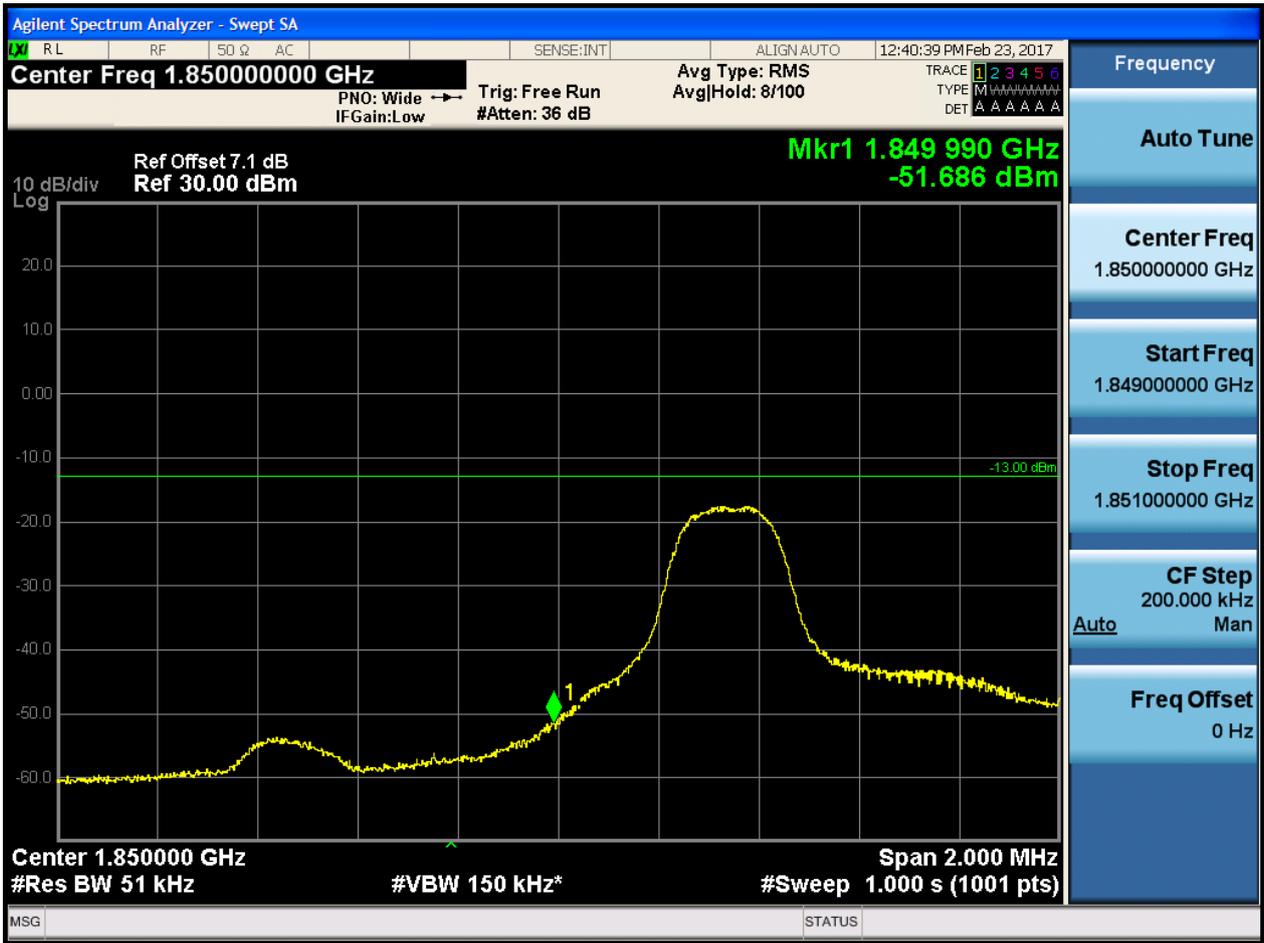
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



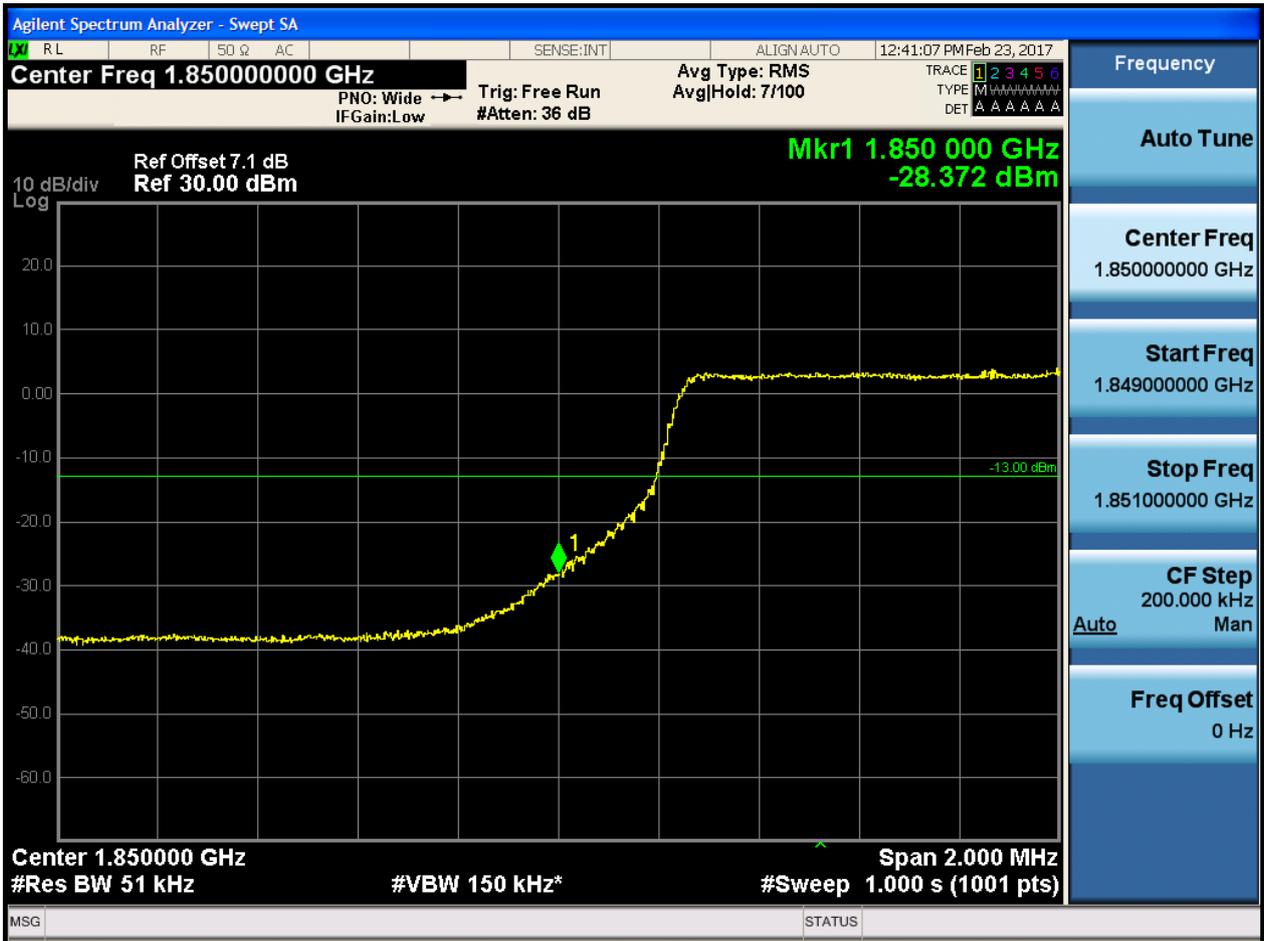


5.1.1.1.3.1.3 Test RB = RB12#6





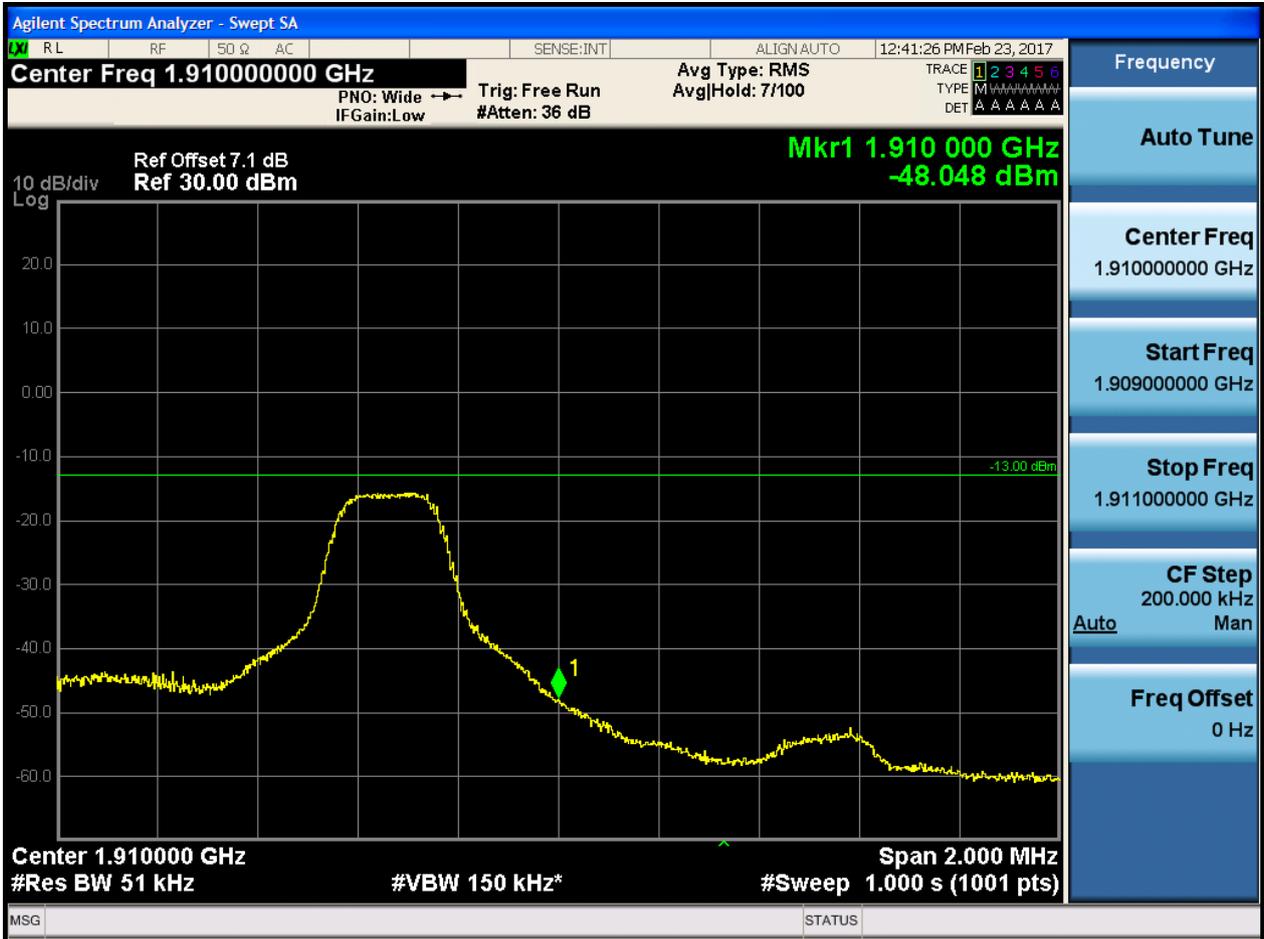
5.1.1.1.3.1.4 Test RB = RB25#0





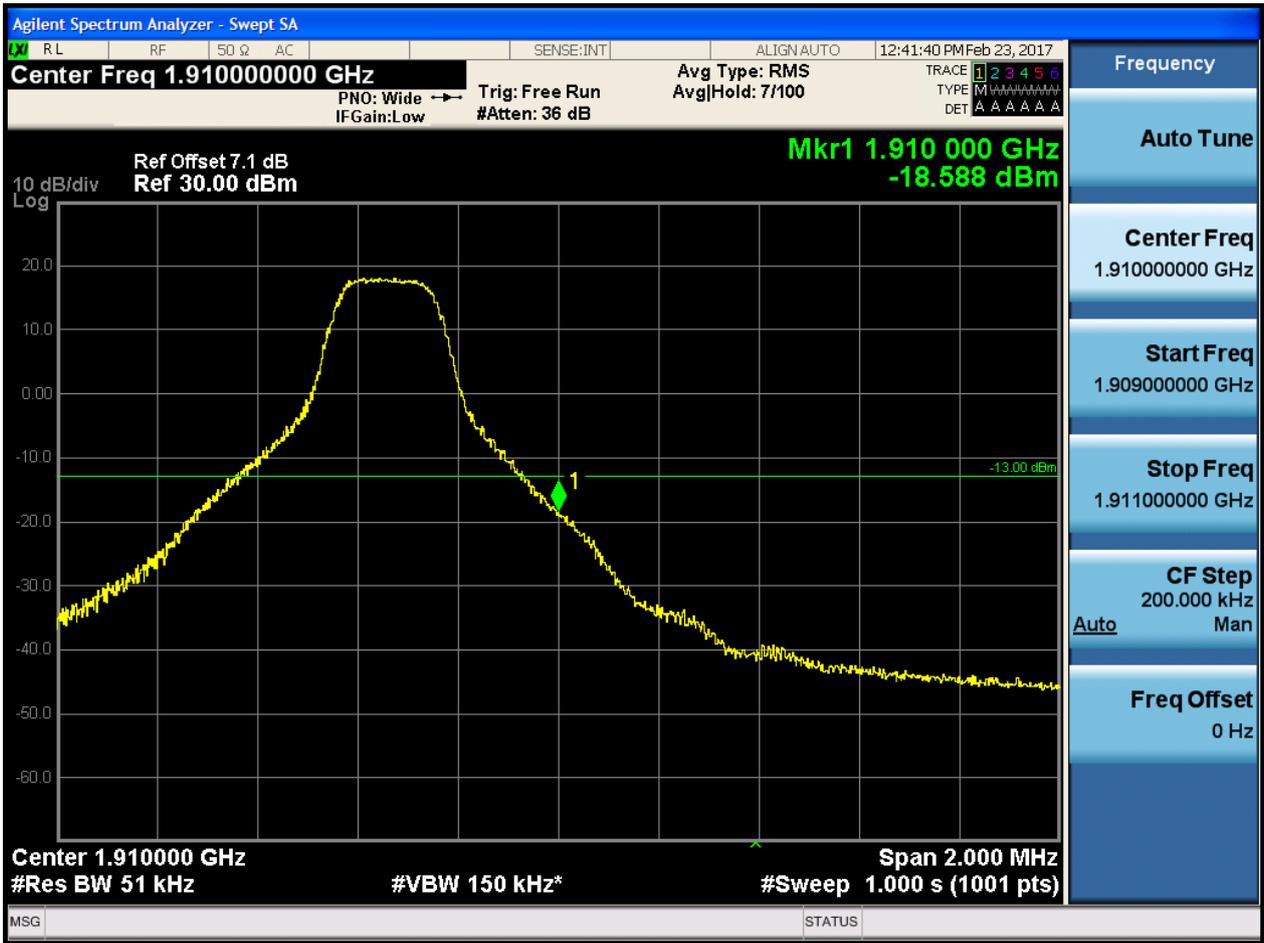
5.1.1.1.3.2 Test Channel = HCH

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

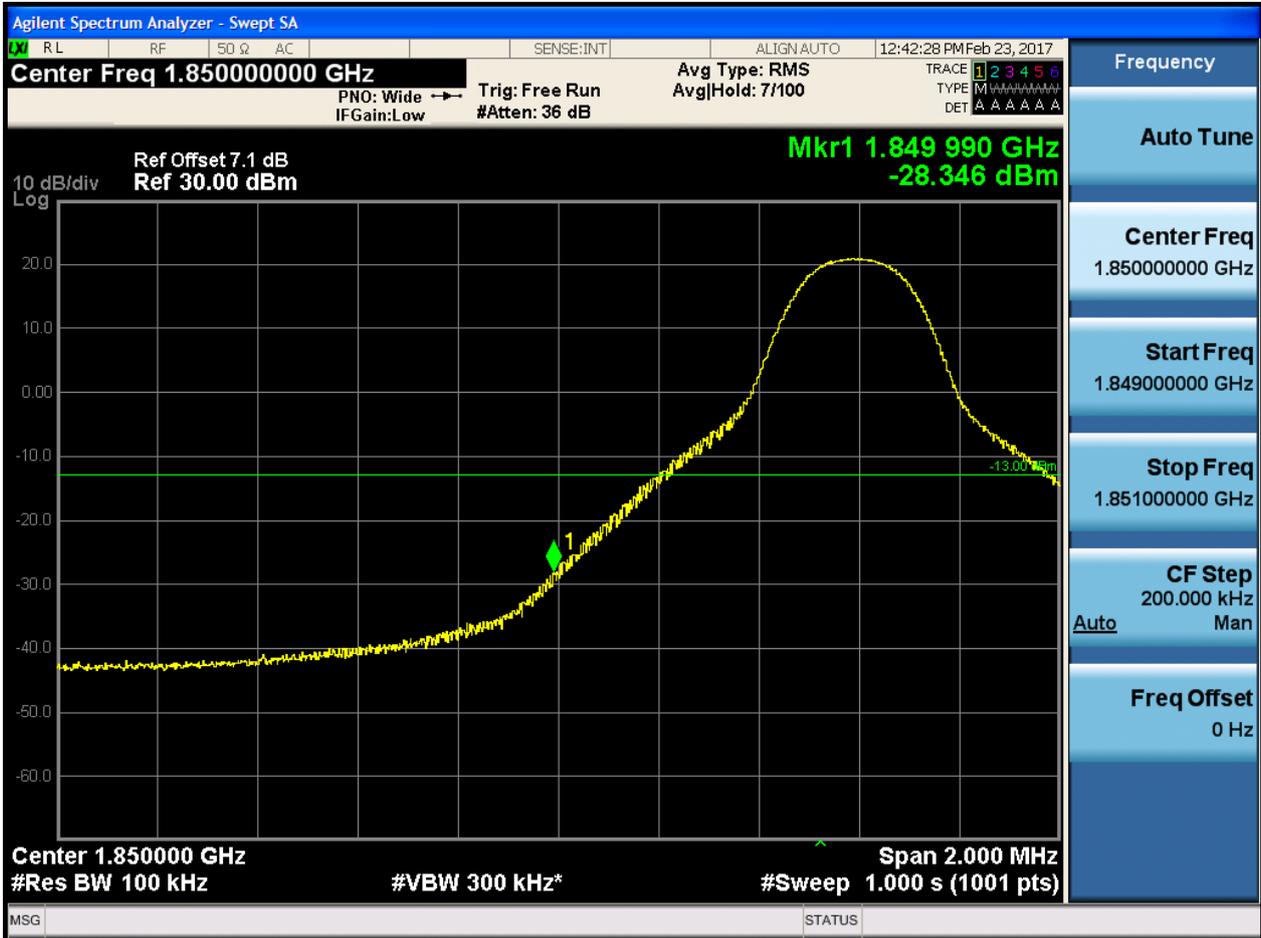




5.1.1.1.4 Test Bandwidth = 10

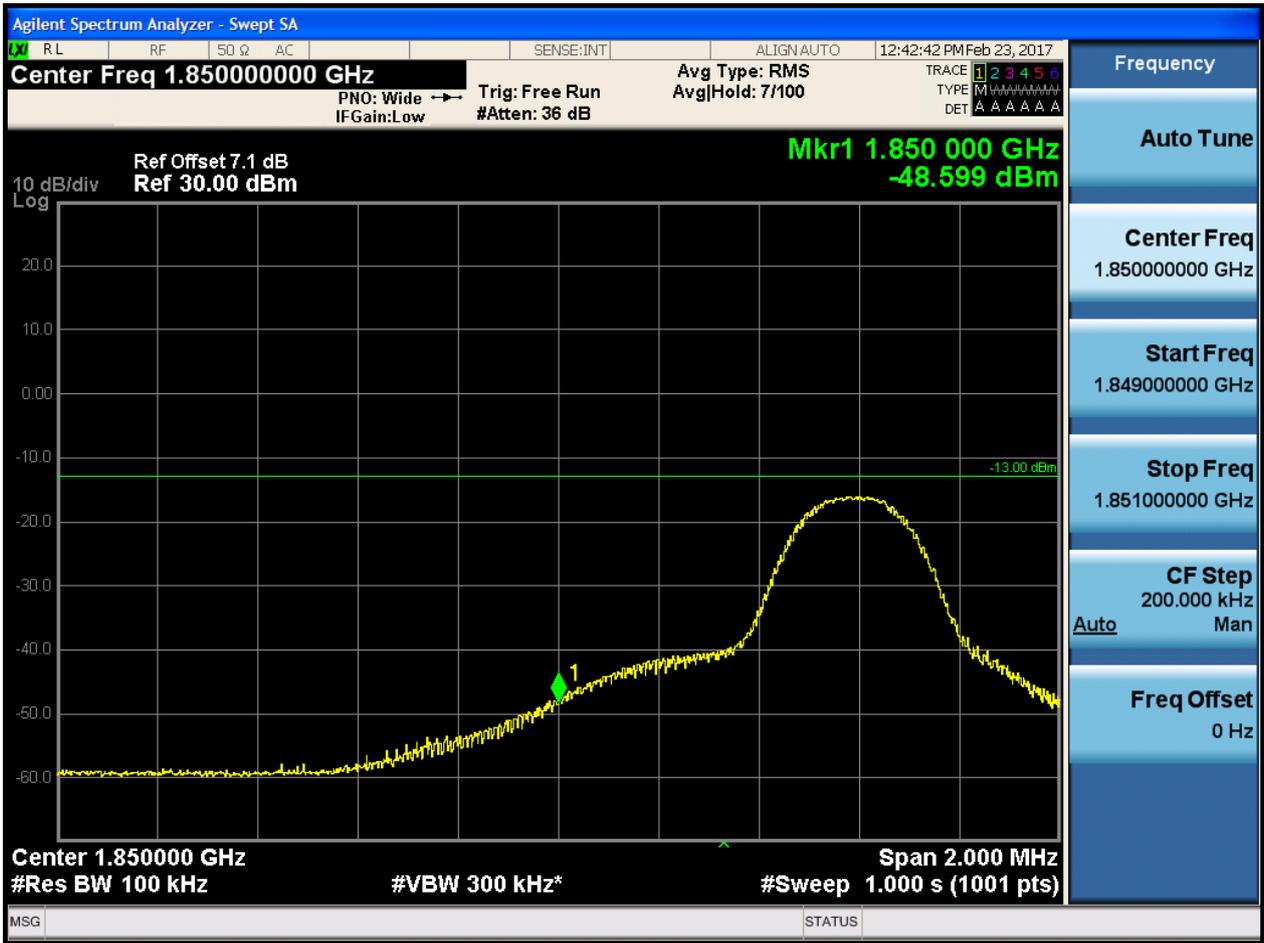
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



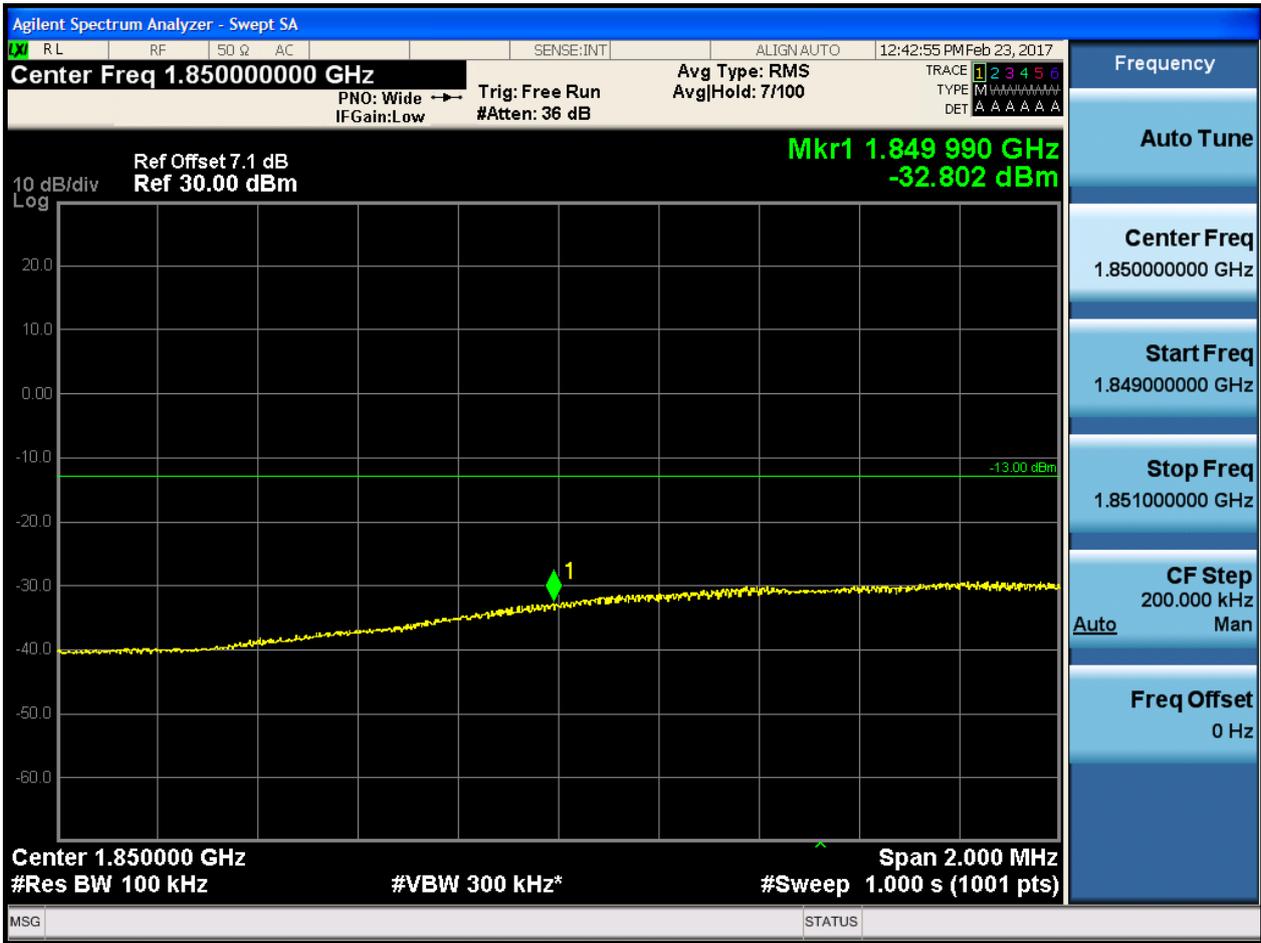


5.1.1.1.4.1.2 Test RB = RB1#49



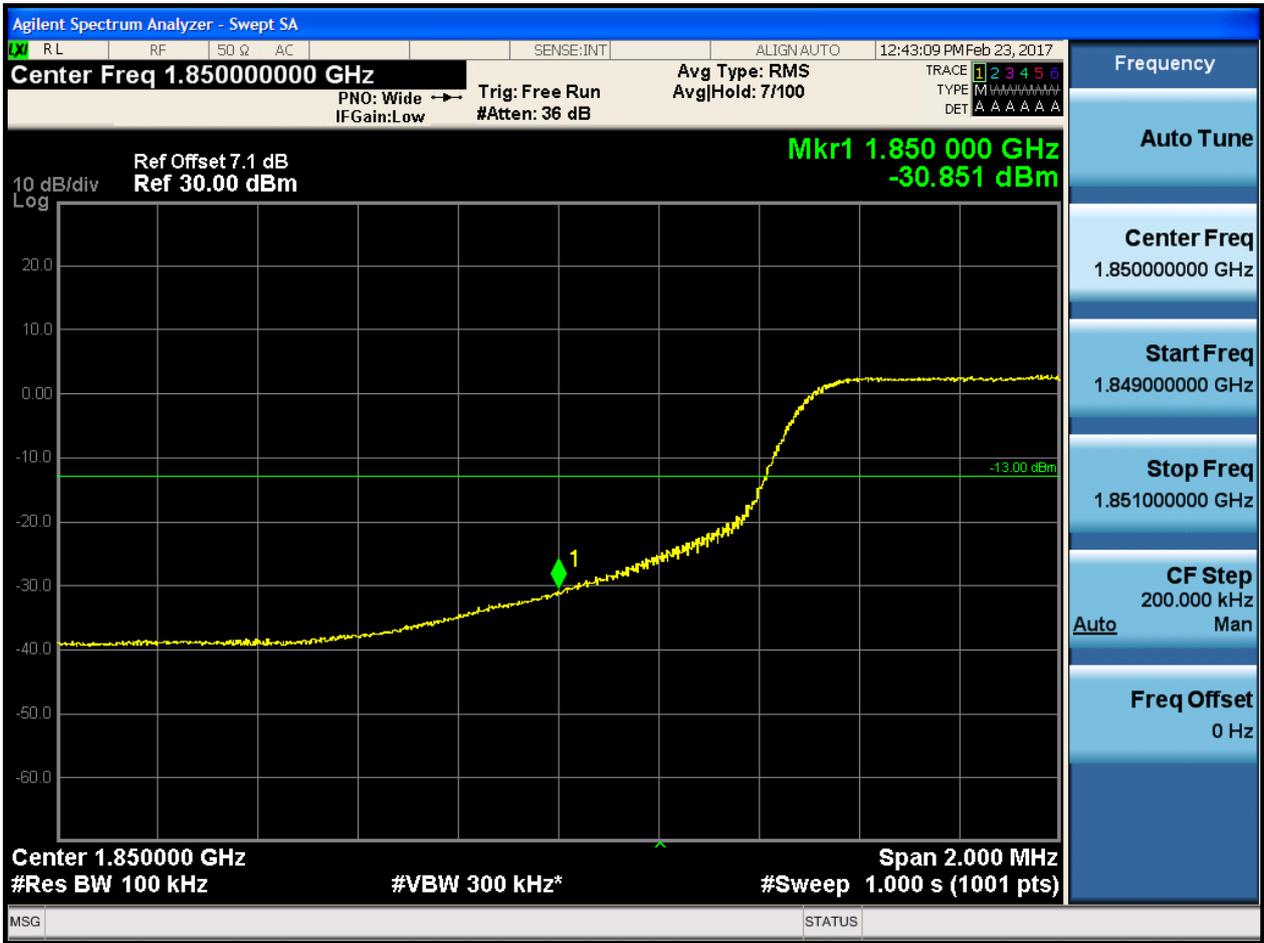


5.1.1.1.4.1.3 Test RB = RB25#13





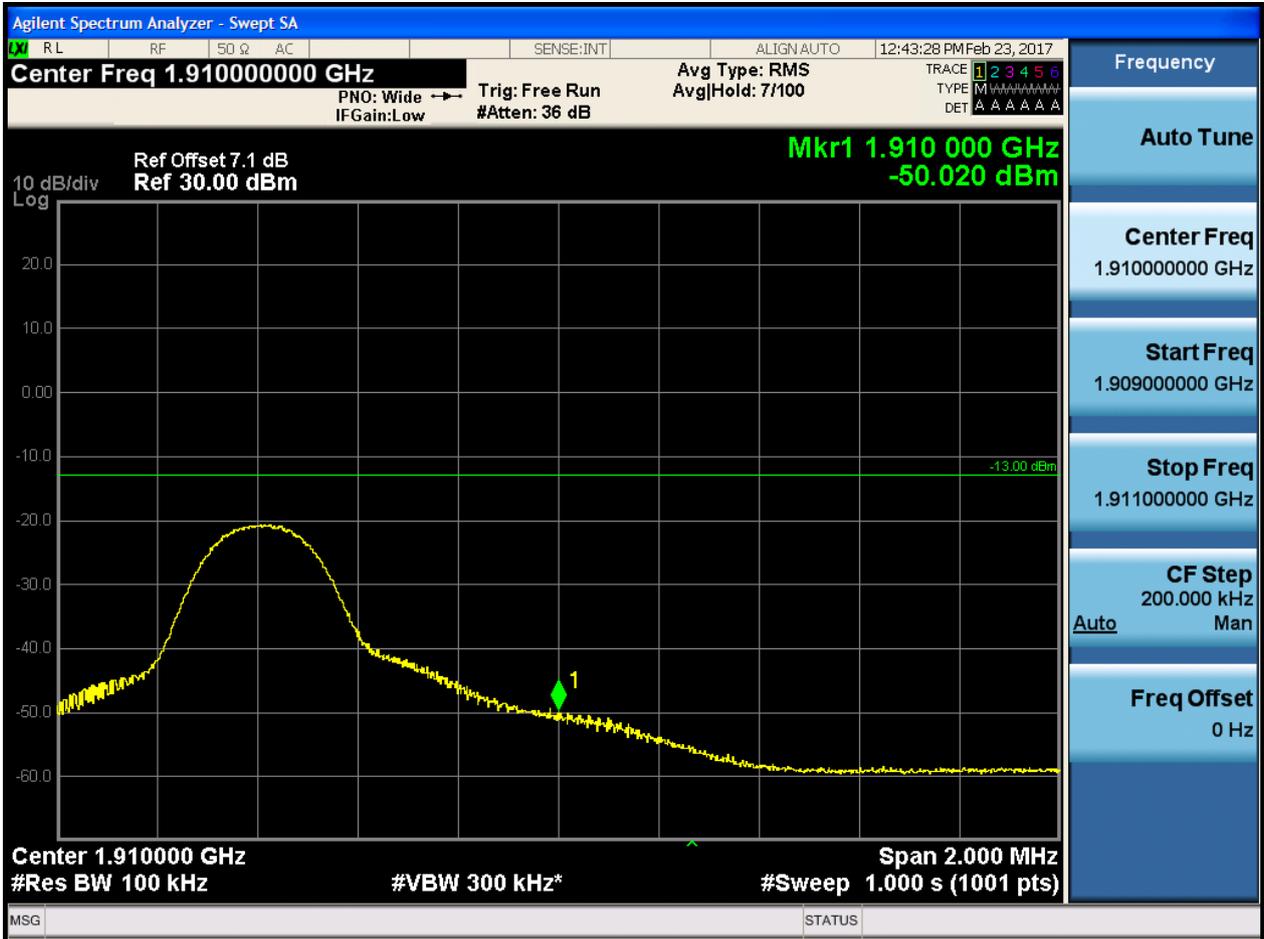
5.1.1.1.4.1.4 Test RB = RB50#0





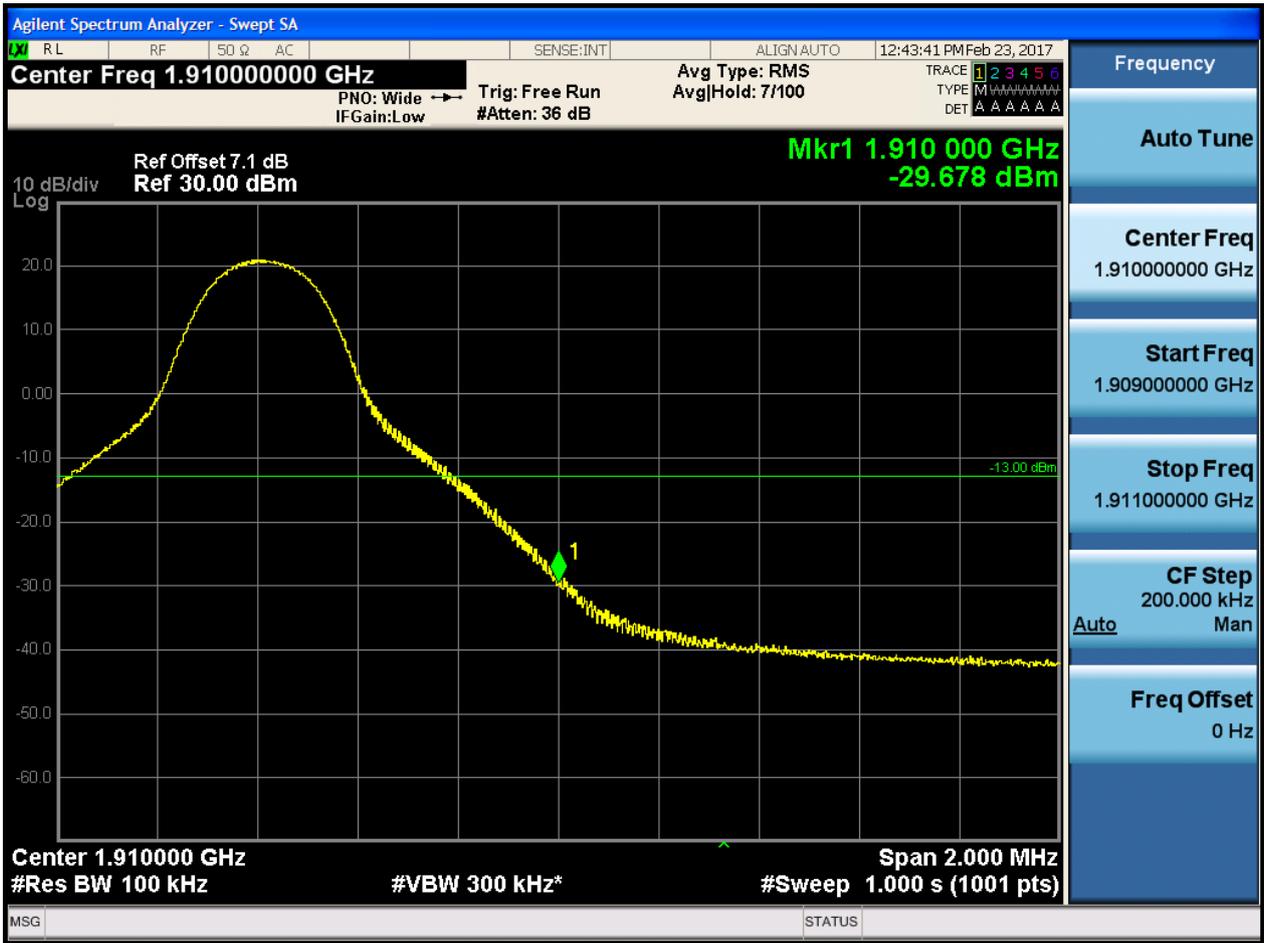
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



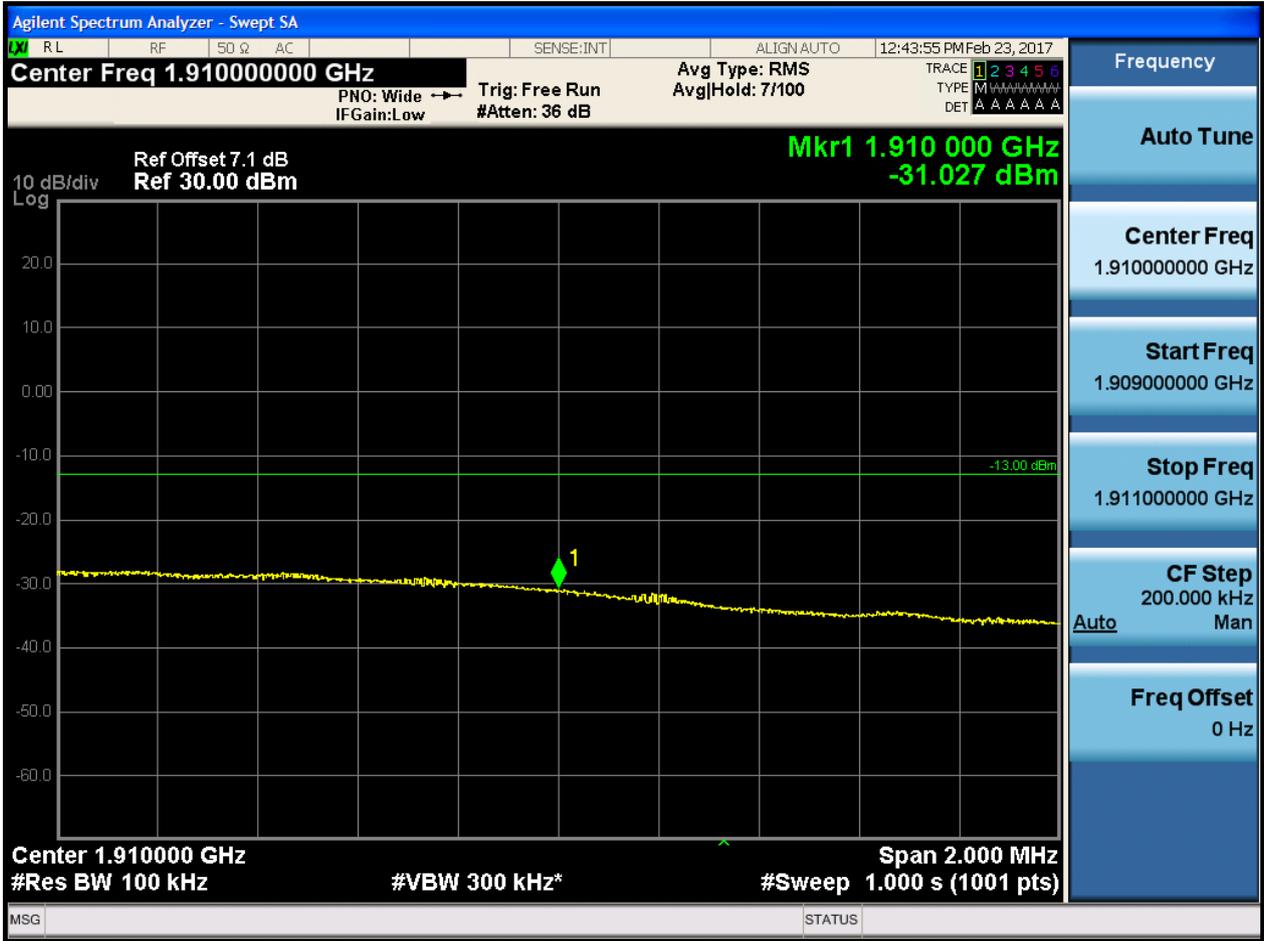


5.1.1.1.4.2.2 Test RB = RB1#49



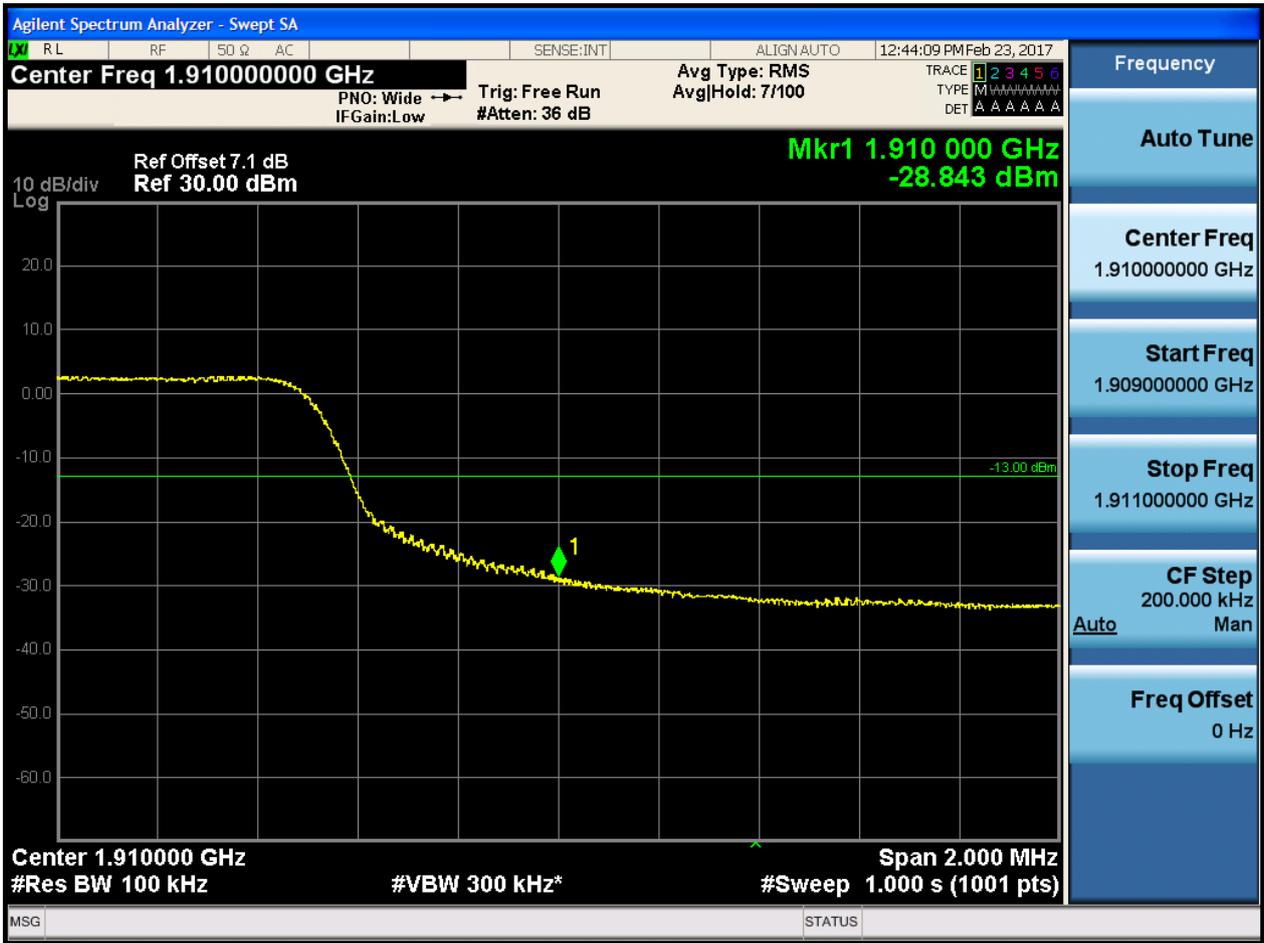


5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0





5.1.1.1.5 Test Bandwidth = 15

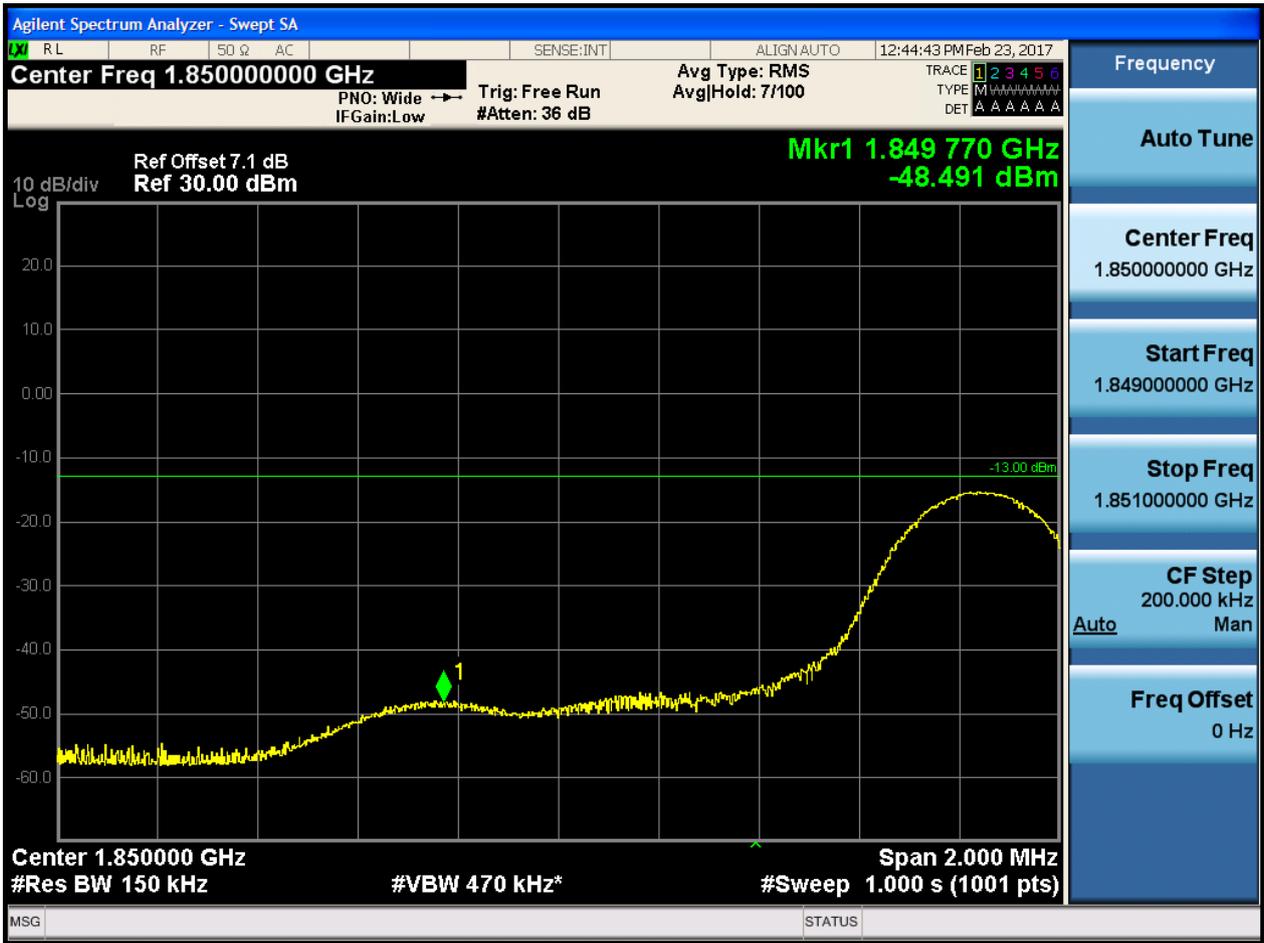
5.1.1.1.5.1 Test Channel = LCH

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





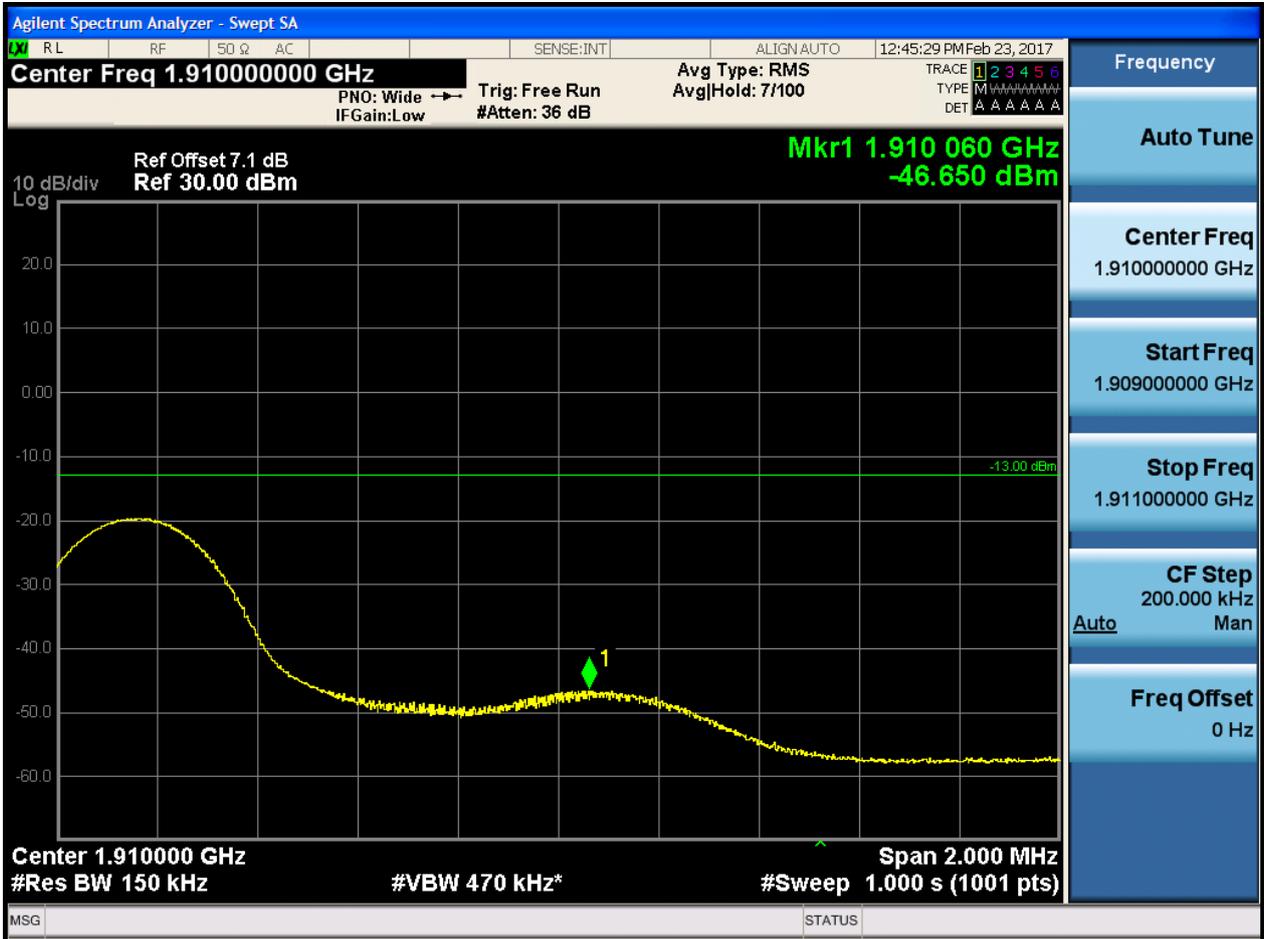
5.1.1.1.5.1.4 Test RB = RB75#0





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



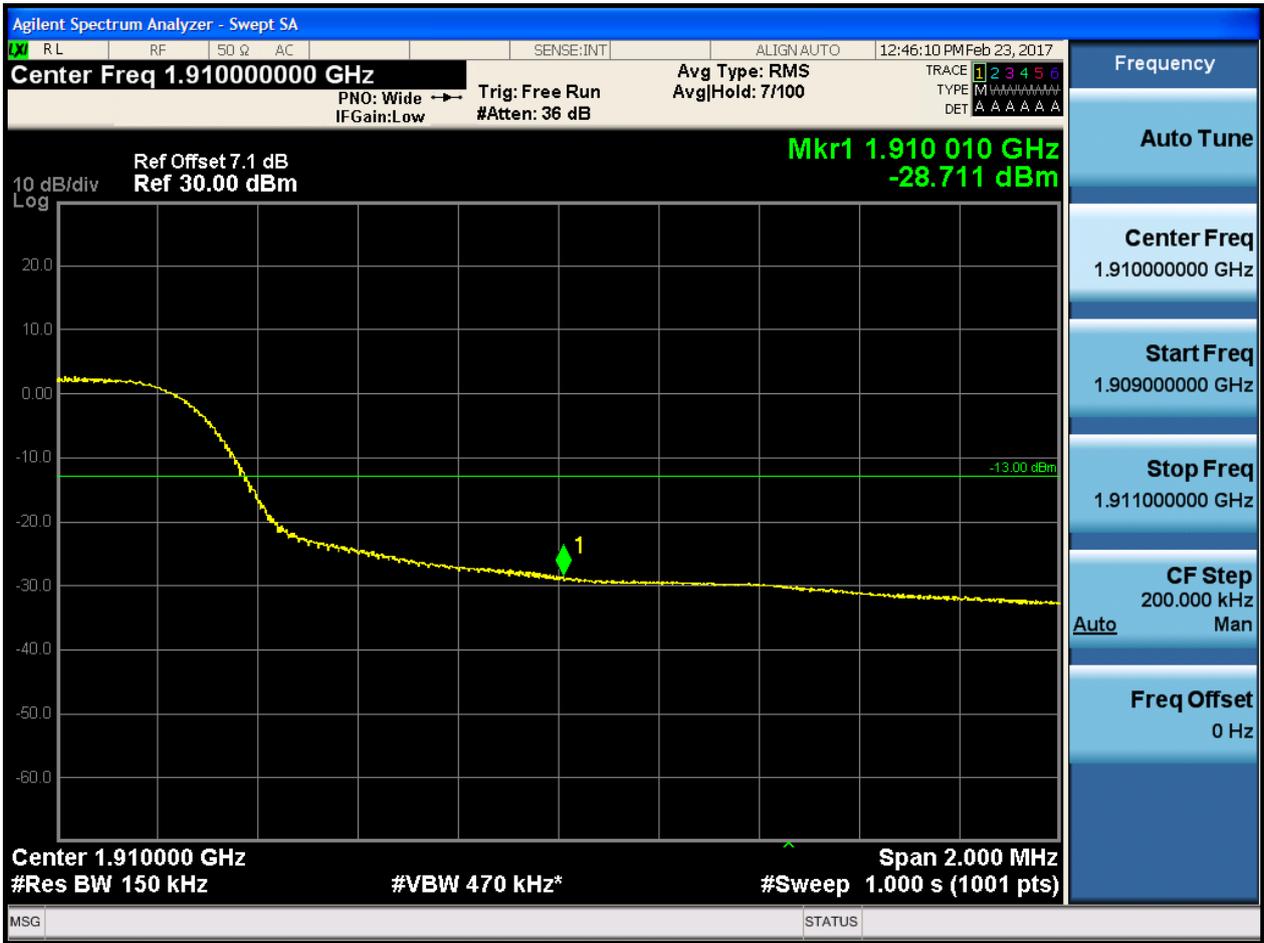


5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0





5.1.1.1.6 Test Bandwidth = 20

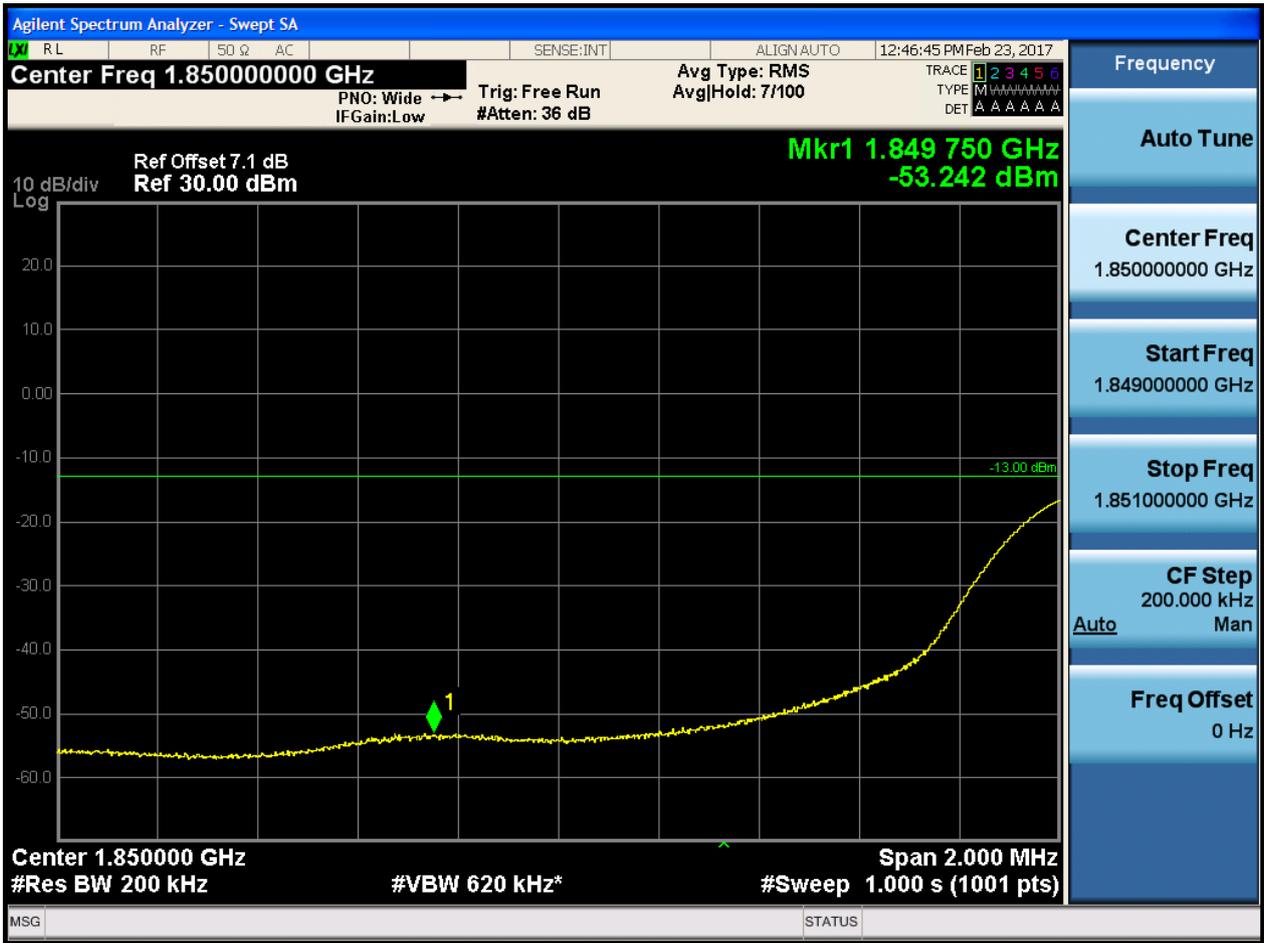
5.1.1.1.6.1 Test Channel = LCH

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





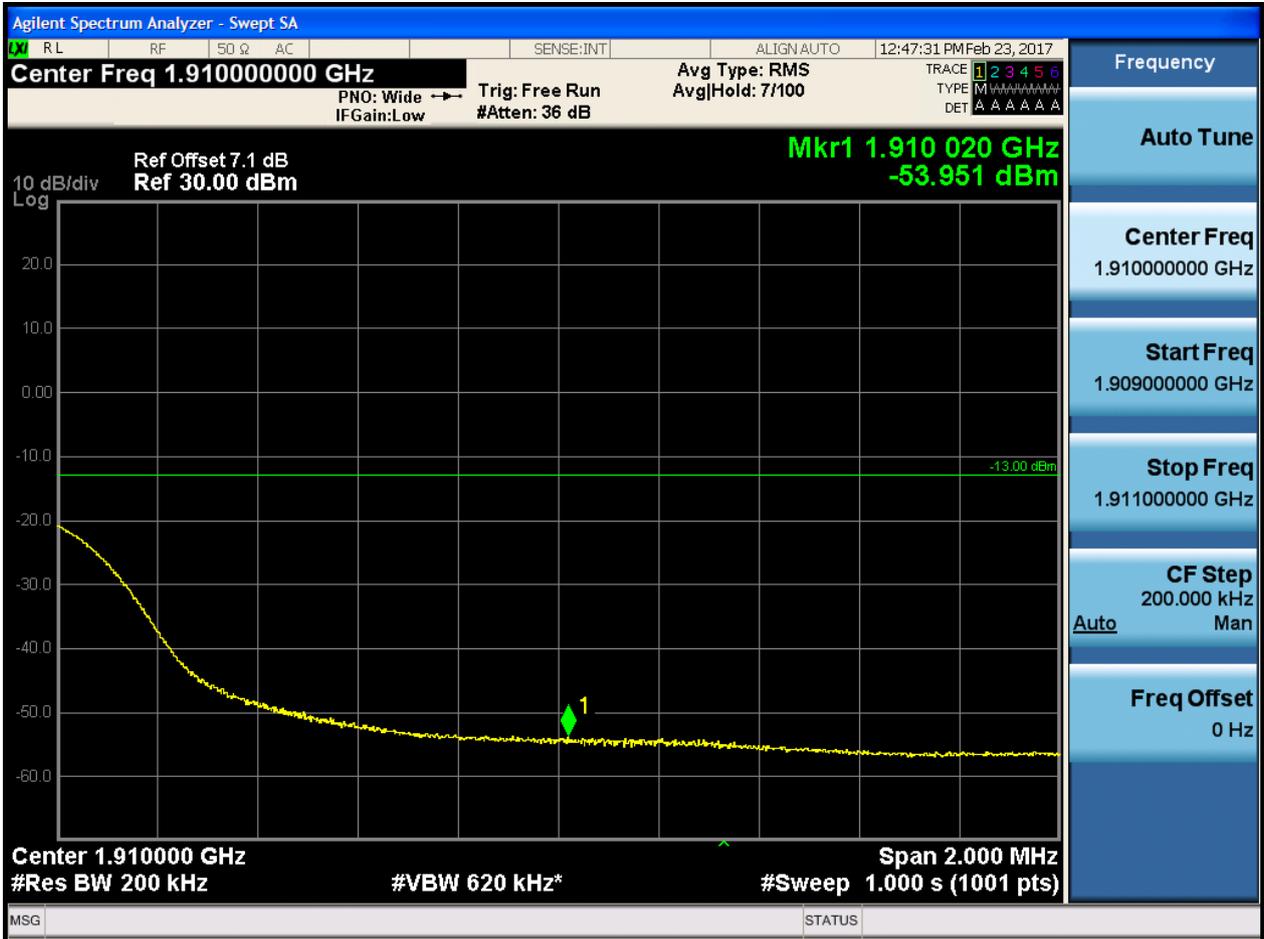
5.1.1.1.6.1.4 Test RB = RB100#0





5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0



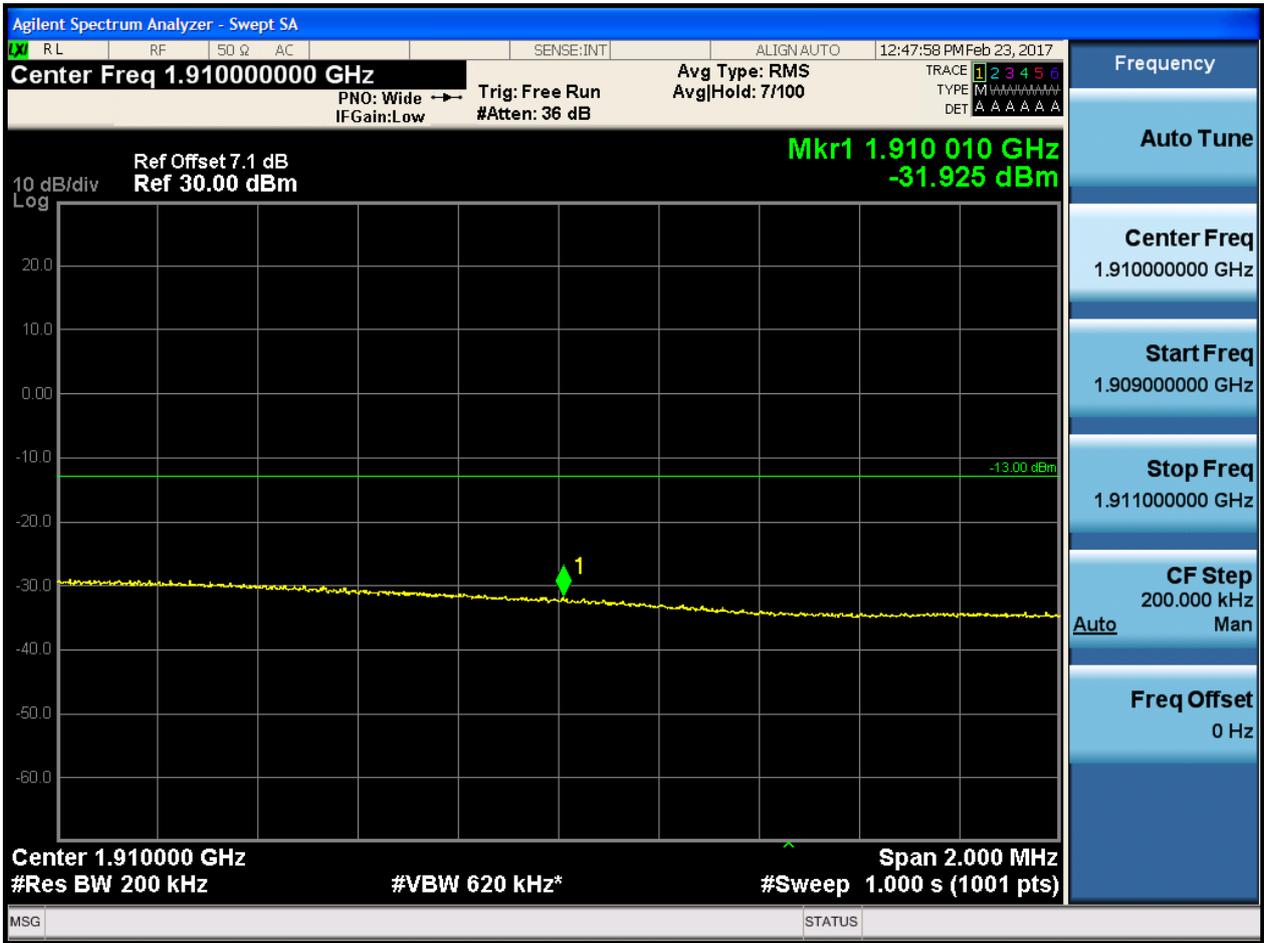


5.1.1.1.6.2.2 Test RB = RB1#99



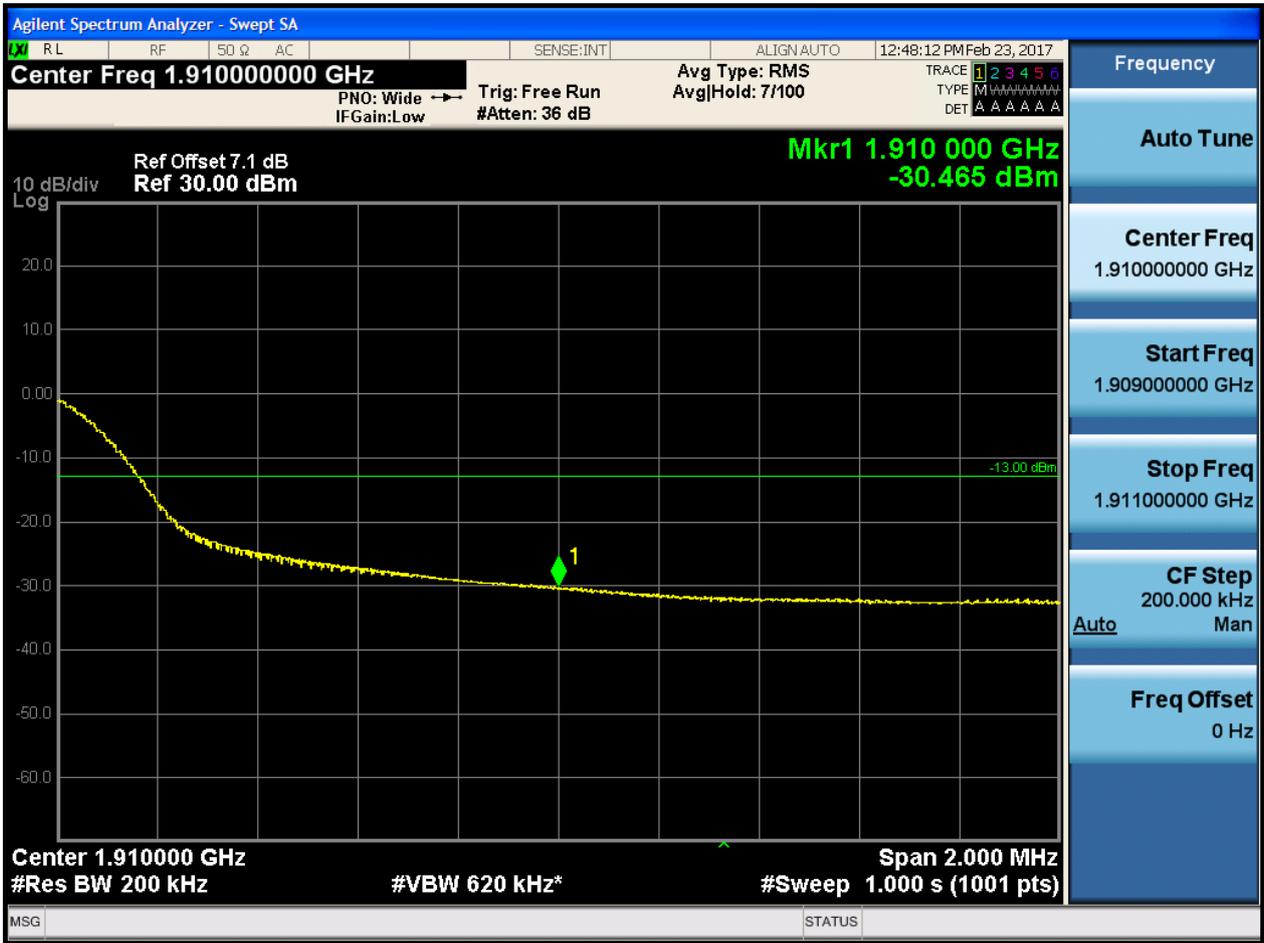


5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



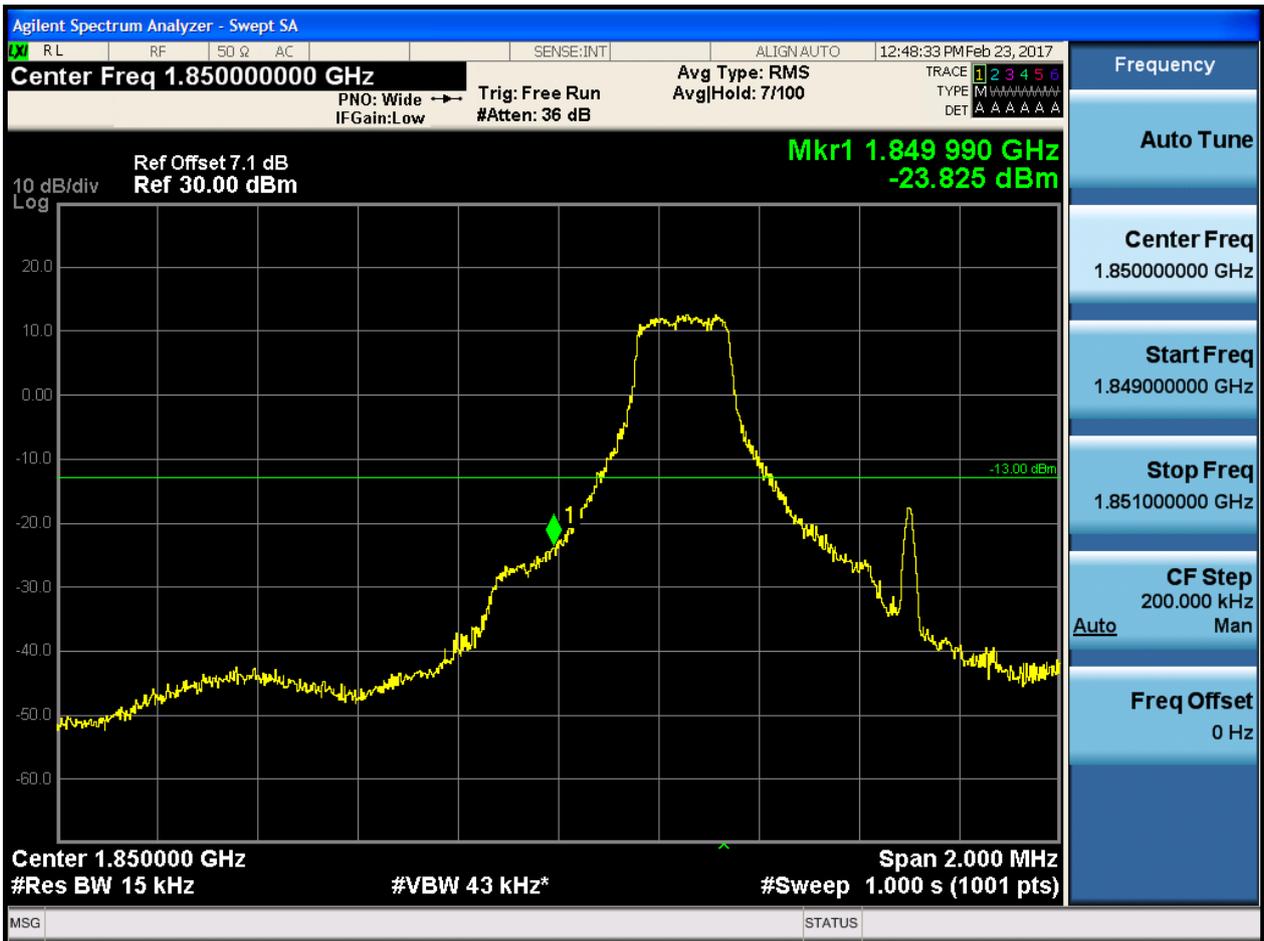


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

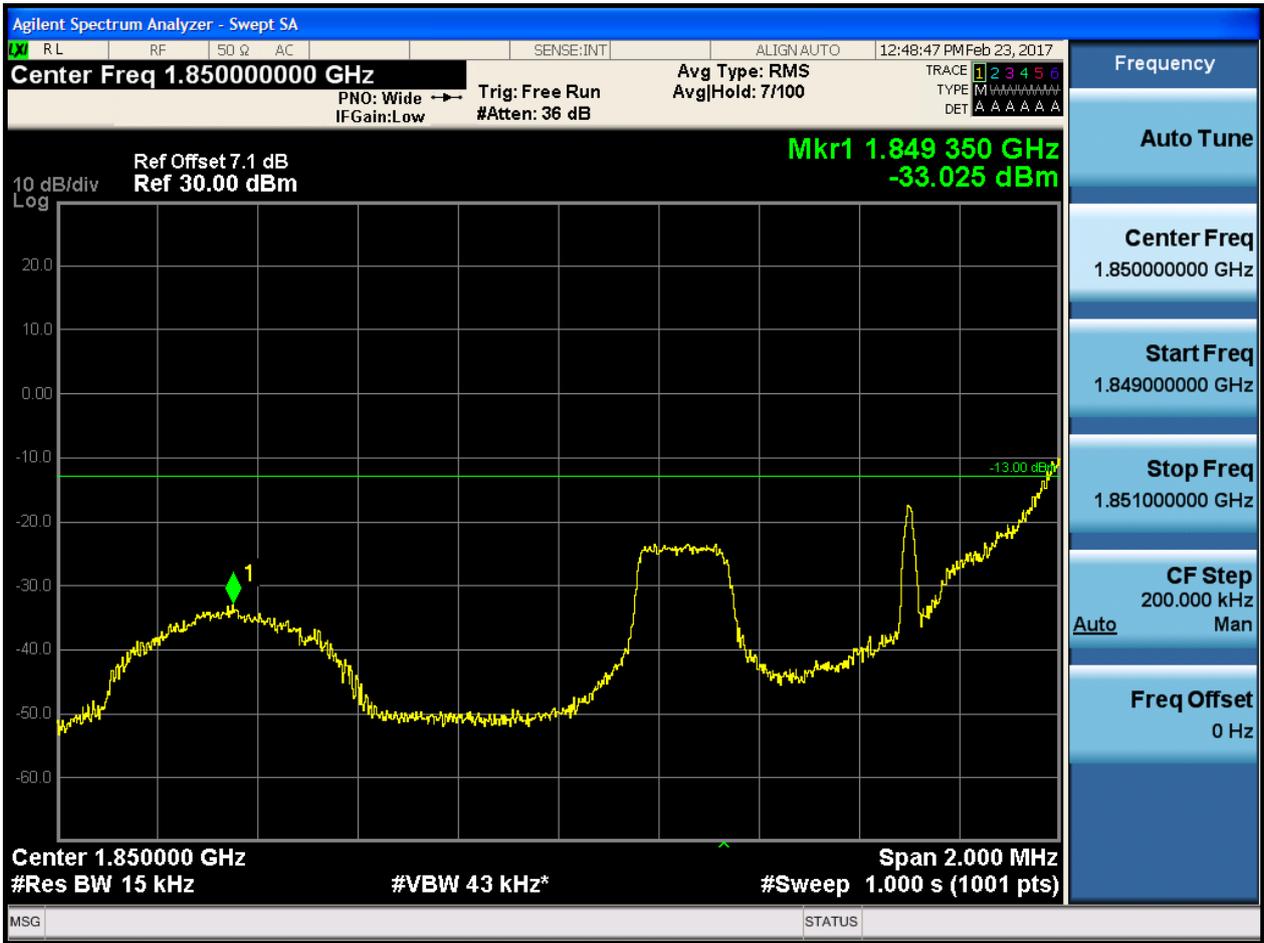
5.1.1.2.1.1 Test Channel = LCH

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

