



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	23.3	23.2	33	PASS
				RB1#3	23.38	23.28	33	PASS
				RB1#5	23.25	23.15	33	PASS
				RB3#0	23.29	23.19	33	PASS
				RB3#2	23.42	23.32	33	PASS
				RB3#3	23.3	23.2	33	PASS
				RB6#0	22.32	22.22	33	PASS
			MCH	RB1#0	23.43	23.33	33	PASS
				RB1#3	23.52	23.42	33	PASS
				RB1#5	23.3	23.2	33	PASS
				RB3#0	23.18	23.08	33	PASS
				RB3#2	23.41	23.31	33	PASS
				RB3#3	23.39	23.29	33	PASS
				RB6#0	22.42	22.32	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.55	23.45	33	PASS
				RB1#3	23.36	23.26	33	PASS
				RB1#5	23.29	23.19	33	PASS
				RB3#0	23.26	23.16	33	PASS
				RB3#2	23.2	23.1	33	PASS
				RB3#3	23.34	23.24	33	PASS
				RB6#0	22.43	22.33	33	PASS
		3	LCH	RB1#0	23.31	23.21	33	PASS
				RB1#7	23.51	23.41	33	PASS
				RB1#14	23.47	23.37	33	PASS
				RB8#0	22.33	22.23	33	PASS
				RB8#4	22.33	22.23	33	PASS
				RB8#7	22.31	22.21	33	PASS
				RB15#0	22.34	22.24	33	PASS
			MCH	RB1#0	23.45	23.35	33	PASS
				RB1#7	23.66	23.56	33	PASS
				RB1#14	23.62	23.52	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.4	22.3	33	PASS
				RB8#4	22.39	22.29	33	PASS
				RB8#7	22.39	22.29	33	PASS
				RB15#0	22.42	22.32	33	PASS
			HCH	RB1#0	23.39	23.29	33	PASS
				RB1#7	23.54	23.44	33	PASS
				RB1#14	23.52	23.42	33	PASS
				RB8#0	22.39	22.29	33	PASS
				RB8#4	22.34	22.24	33	PASS
				RB8#7	22.42	22.32	33	PASS
				RB15#0	22.37	22.27	33	PASS
		5	LCH	RB1#0	23.47	23.37	33	PASS
				RB1#13	23.23	23.13	33	PASS
				RB1#24	23.14	23.04	33	PASS
				RB12#0	22.39	22.29	33	PASS
				RB12#6	22.4	22.3	33	PASS
				RB12#13	22.34	22.24	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.34	22.24	33	PASS
			MCH	RB1#0	23.42	23.32	33	PASS
				RB1#13	23.5	23.4	33	PASS
				RB1#24	23.5	23.4	33	PASS
				RB12#0	22.34	22.24	33	PASS
				RB12#6	22.39	22.29	33	PASS
				RB12#13	22.45	22.35	33	PASS
				RB25#0	22.33	22.23	33	PASS
			HCH	RB1#0	23.44	23.34	33	PASS
				RB1#13	23.22	23.12	33	PASS
				RB1#24	23.2	23.1	33	PASS
				RB12#0	22.48	22.38	33	PASS
				RB12#6	22.42	22.32	33	PASS
				RB12#13	22.4	22.3	33	PASS
				RB25#0	22.44	22.34	33	PASS
		10	LCH	RB1#0	23.63	23.53	33	PASS
				RB1#25	23.69	23.59	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.62	23.52	33	PASS
				RB25#0	22.47	22.37	33	PASS
				RB25#13	22.25	22.15	33	PASS
				RB25#25	22.38	22.28	33	PASS
				RB50#0	22.4	22.3	33	PASS
			MCH	RB1#0	23.57	23.47	33	PASS
				RB1#25	23.58	23.48	33	PASS
				RB1#49	23.6	23.5	33	PASS
				RB25#0	22.44	22.34	33	PASS
				RB25#13	22.42	22.32	33	PASS
				RB25#25	22.56	22.46	33	PASS
				RB50#0	22.43	22.33	33	PASS
			HCH	RB1#0	23.58	23.48	33	PASS
				RB1#25	23.83	23.73	33	PASS
				RB1#49	23.45	23.35	33	PASS
				RB25#0	22.53	22.43	33	PASS
				RB25#13	22.43	22.33	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.37	22.27	33	PASS
				RB50#0	22.4	22.3	33	PASS
		15	LCH	RB1#0	23.68	23.58	33	PASS
				RB1#38	23.55	23.45	33	PASS
				RB1#74	23.43	23.33	33	PASS
				RB38#0	22.44	22.34	33	PASS
				RB38#19	22.37	22.27	33	PASS
				RB38#39	22.47	22.37	33	PASS
				RB75#0	22.34	22.24	33	PASS
			MCH	RB1#0	23.7	23.6	33	PASS
				RB1#38	23.67	23.57	33	PASS
				RB1#74	23.79	23.69	33	PASS
				RB38#0	22.49	22.39	33	PASS
				RB38#19	22.54	22.44	33	PASS
				RB38#39	22.53	22.43	33	PASS
				RB75#0	22.42	22.32	33	PASS
			HCH	RB1#0	23.5	23.4	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.46	23.36	33	PASS
				RB1#74	23.43	23.33	33	PASS
				RB38#0	22.45	22.35	33	PASS
				RB38#19	22.53	22.43	33	PASS
				RB38#39	22.45	22.35	33	PASS
				RB75#0	22.38	22.28	33	PASS
		20	LCH	RB1#0	23.8	23.7	33	PASS
				RB1#50	23.59	23.49	33	PASS
				RB1#99	23.37	23.27	33	PASS
				RB50#0	22.57	22.47	33	PASS
				RB50#25	22.4	22.3	33	PASS
				RB50#50	22.46	22.36	33	PASS
				RB100#0	22.43	22.33	33	PASS
			MCH	RB1#0	23.63	23.53	33	PASS
				RB1#50	23.97	23.87	33	PASS
				RB1#99	23.62	23.52	33	PASS
				RB50#0	22.58	22.48	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.55	22.45	33	PASS
				RB50#50	22.47	22.37	33	PASS
				RB100#0	22.44	22.34	33	PASS
			HCH	RB1#0	23.45	23.35	33	PASS
				RB1#50	23.43	23.33	33	PASS
				RB1#99	23.31	23.21	33	PASS
				RB50#0	22.44	22.34	33	PASS
				RB50#25	22.51	22.41	33	PASS
				RB50#50	22.39	22.29	33	PASS
				RB100#0	22.45	22.35	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.79	22.69	33	PASS
				RB1#3	22.73	22.63	33	PASS
				RB1#5	22.7	22.6	33	PASS
				RB3#0	22	21.9	33	PASS
				RB3#2	22.23	22.13	33	PASS
				RB3#3	22	21.9	33	PASS
				RB6#0	21.07	20.97	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.81	22.71	33	PASS
				RB1#3	22.88	22.78	33	PASS
				RB1#5	22.85	22.75	33	PASS
				RB3#0	22.32	22.22	33	PASS
				RB3#2	22.37	22.27	33	PASS
				RB3#3	22.34	22.24	33	PASS
				RB6#0	21.32	21.22	33	PASS
			HCH	RB1#0	22.57	22.47	33	PASS
				RB1#3	22.47	22.37	33	PASS
				RB1#5	22.33	22.23	33	PASS
				RB3#0	22.28	22.18	33	PASS
				RB3#2	22.13	22.03	33	PASS
				RB3#3	22.02	21.92	33	PASS
				RB6#0	21.29	21.19	33	PASS
		3	LCH	RB1#0	22.58	22.48	33	PASS
				RB1#7	22.52	22.42	33	PASS
				RB1#14	22.46	22.36	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.27	21.17	33	PASS
				RB8#4	21.37	21.27	33	PASS
				RB8#7	21.46	21.36	33	PASS
				RB15#0	21.3	21.2	33	PASS
			MCH	RB1#0	22.66	22.56	33	PASS
				RB1#7	22.6	22.5	33	PASS
				RB1#14	22.69	22.59	33	PASS
				RB8#0	21.23	21.13	33	PASS
				RB8#4	21.24	21.14	33	PASS
				RB8#7	21.34	21.24	33	PASS
				RB15#0	21.36	21.26	33	PASS
			HCH	RB1#0	22.51	22.41	33	PASS
				RB1#7	22.14	22.04	33	PASS
				RB1#14	22.18	22.08	33	PASS
				RB8#0	21.5	21.4	33	PASS
				RB8#4	21.32	21.22	33	PASS
				RB8#7	21.41	21.31	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB15#0	21.33	21.23	33	PASS
				RB1#0	22.6	22.5	33	PASS
				RB1#13	22.36	22.26	33	PASS
				RB1#24	22.26	22.16	33	PASS
				RB12#0	21.31	21.21	33	PASS
				RB12#6	21.35	21.25	33	PASS
				RB12#13	21.28	21.18	33	PASS
				RB25#0	21.51	21.41	33	PASS
			MCH	RB1#0	22.74	22.64	33	PASS
				RB1#13	22.73	22.63	33	PASS
				RB1#24	22.72	22.62	33	PASS
				RB12#0	21.48	21.38	33	PASS
				RB12#6	21.43	21.33	33	PASS
				RB12#13	21.48	21.38	33	PASS
				RB25#0	21.33	21.23	33	PASS
			HCH	RB1#0	22.78	22.68	33	PASS
				RB1#13	22.73	22.63	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.79	22.69	33	PASS
				RB12#0	21.62	21.52	33	PASS
				RB12#6	21.61	21.51	33	PASS
				RB12#13	21.5	21.4	33	PASS
				RB25#0	21.5	21.4	33	PASS
		10	LCH	RB1#0	22.78	22.68	33	PASS
				RB1#25	22.69	22.59	33	PASS
				RB1#49	22.89	22.79	33	PASS
				RB25#0	21.24	21.14	33	PASS
				RB25#13	21.22	21.12	33	PASS
				RB25#25	21.44	21.34	33	PASS
				RB50#0	21.29	21.19	33	PASS
			MCH	RB1#0	22.53	22.43	33	PASS
				RB1#25	22.9	22.8	33	PASS
				RB1#49	22.94	22.84	33	PASS
				RB25#0	21.52	21.42	33	PASS
				RB25#13	21.31	21.21	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.34	21.24	33	PASS
				RB50#0	21.44	21.34	33	PASS
			HCH	RB1#0	22.28	22.18	33	PASS
				RB1#25	22.24	22.14	33	PASS
				RB1#49	22.13	22.03	33	PASS
				RB25#0	21.55	21.45	33	PASS
				RB25#13	21.64	21.54	33	PASS
				RB25#25	21.61	21.51	33	PASS
				RB50#0	21.44	21.34	33	PASS
		15	LCH	RB1#0	22.77	22.67	33	PASS
				RB1#38	22.35	22.25	33	PASS
				RB1#74	22.39	22.29	33	PASS
				RB38#0	21.56	21.46	33	PASS
				RB38#19	21.48	21.38	33	PASS
				RB38#39	21.43	21.33	33	PASS
				RB75#0	21.39	21.29	33	PASS
			MCH	RB1#0	22.88	22.78	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.68	22.58	33	PASS
				RB1#74	22.71	22.61	33	PASS
				RB38#0	21.49	21.39	33	PASS
				RB38#19	21.5	21.4	33	PASS
				RB38#39	21.52	21.42	33	PASS
				RB75#0	21.47	21.37	33	PASS
			HCH	RB1#0	22.59	22.49	33	PASS
				RB1#38	22.44	22.34	33	PASS
				RB1#74	22.37	22.27	33	PASS
				RB38#0	21.36	21.26	33	PASS
				RB38#19	21.33	21.23	33	PASS
				RB38#39	21.47	21.37	33	PASS
				RB75#0	21.33	21.23	33	PASS
		20	LCH	RB1#0	22.83	22.73	33	PASS
				RB1#50	22.55	22.45	33	PASS
				RB1#99	22.28	22.18	33	PASS
				RB50#0	21.69	21.59	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.53	21.43	33	PASS
				RB50#50	21.49	21.39	33	PASS
				RB100#0	21.31	21.21	33	PASS
			MCH	RB1#0	22.69	22.59	33	PASS
				RB1#50	23.28	23.18	33	PASS
				RB1#99	23.14	23.04	33	PASS
				RB50#0	21.43	21.33	33	PASS
				RB50#25	21.47	21.37	33	PASS
				RB50#50	21.48	21.38	33	PASS
				RB100#0	21.46	21.36	33	PASS
			HCH	RB1#0	22.74	22.64	33	PASS
				RB1#50	22.8	22.7	33	PASS
				RB1#99	22.56	22.46	33	PASS
				RB50#0	21.47	21.37	33	PASS
				RB50#25	21.54	21.44	33	PASS
				RB50#50	21.49	21.39	33	PASS
				RB100#0	21.48	21.38	33	PASS

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	23.4	23.3	33	PASS
				RB1#3	23.57	23.47	33	PASS
				RB1#5	23.52	23.42	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:

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

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

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

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	3.09	13	PASS
				RB1#3	2.96	13	PASS
				RB1#5	3.15	13	PASS
				RB3#0	3.6	13	PASS
				RB3#2	3.4	13	PASS
				RB3#3	3.48	13	PASS
				RB6#0	5.09	13	PASS
			MCH	RB1#0	3.27	13	PASS
				RB1#3	3.08	13	PASS
				RB1#5	3.27	13	PASS
				RB3#0	3.68	13	PASS
				RB3#2	3.52	13	PASS
				RB3#3	3.66	13	PASS
				RB6#0	5.29	13	PASS
			HCH	RB1#0	3.39	13	PASS
				RB1#3	3.08	13	PASS
				RB1#5	3.44	13	PASS
				RB3#0	3.78	13	PASS
				RB3#2	3.59	13	PASS
				RB3#3	3.72	13	PASS
				RB6#0	4.92	13	PASS
		3	LCH	RB1#0	2.96	13	PASS
				RB1#7	2.95	13	PASS
				RB1#14	3.08	13	PASS
				RB8#0	4.35	13	PASS
				RB8#4	4.33	13	PASS
				RB8#7	4.46	13	PASS
				RB15#0	4.99	13	PASS
			MCH	RB1#0	3.24	13	PASS
				RB1#7	3.09	13	PASS
				RB1#14	3.09	13	PASS
				RB8#0	4.66	13	PASS
				RB8#4	4.59	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	4.63	13	PASS
				RB15#0	5.1	13	PASS
			HCH	RB1#0	3.34	13	PASS
				RB1#7	3.24	13	PASS
				RB1#14	3.35	13	PASS
				RB8#0	4.55	13	PASS
				RB8#4	4.55	13	PASS
				RB8#7	4.63	13	PASS
				RB15#0	5.26	13	PASS
		5	LCH	RB1#0	3.08	13	PASS
				RB1#13	3.12	13	PASS
				RB1#24	3.29	13	PASS
				RB12#0	4.36	13	PASS
				RB12#6	4.23	13	PASS
				RB12#13	4.5	13	PASS
				RB25#0	5.08	13	PASS
			MCH	RB1#0	3.35	13	PASS
				RB1#13	3.17	13	PASS
				RB1#24	3.1	13	PASS
				RB12#0	4.56	13	PASS
				RB12#6	4.47	13	PASS
				RB12#13	4.53	13	PASS
				RB25#0	5.16	13	PASS
			HCH	RB1#0	3.18	13	PASS
				RB1#13	3.15	13	PASS
				RB1#24	3.32	13	PASS
				RB12#0	4.6	13	PASS
				RB12#6	4.37	13	PASS
				RB12#13	4.56	13	PASS
				RB25#0	5.2	13	PASS
		10	LCH	RB1#0	2.96	13	PASS
				RB1#25	3.16	13	PASS
				RB1#49	3.29	13	PASS
				RB25#0	4.32	13	PASS
				RB25#13	4.46	13	PASS
				RB25#25	4.67	13	PASS
				RB50#0	4.94	13	PASS
			MCH	RB1#0	3.27	13	PASS
				RB1#25	2.95	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	3.05	13	PASS
				RB25#0	4.54	13	PASS
				RB25#13	4.48	13	PASS
				RB25#25	4.47	13	PASS
				RB50#0	4.92	13	PASS
			HCH	RB1#0	3.3	13	PASS
				RB1#25	3.06	13	PASS
				RB1#49	3.25	13	PASS
				RB25#0	4.66	13	PASS
				RB25#13	4.48	13	PASS
				RB25#25	4.52	13	PASS
				RB50#0	5.59	13	PASS
		15	LCH	RB1#0	2.91	13	PASS
				RB1#38	3.28	13	PASS
				RB1#74	3.37	13	PASS
				RB38#0	4.49	13	PASS
				RB38#19	4.61	13	PASS
				RB38#39	4.82	13	PASS
				RB75#0	5.56	13	PASS
			MCH	RB1#0	3.23	13	PASS
				RB1#38	3.02	13	PASS
				RB1#74	3.06	13	PASS
				RB38#0	4.65	13	PASS
				RB38#19	4.47	13	PASS
				RB38#39	4.46	13	PASS
				RB75#0	5.39	13	PASS
			HCH	RB1#0	3.3	13	PASS
				RB1#38	3.2	13	PASS
				RB1#74	3.19	13	PASS
				RB38#0	4.7	13	PASS
				RB38#19	4.55	13	PASS
				RB38#39	4.53	13	PASS
				RB75#0	5.36	13	PASS
		20	LCH	RB1#0	2.94	13	PASS
				RB1#50	3.32	13	PASS
				RB1#99	3.41	13	PASS
				RB50#0	4.48	13	PASS
				RB50#25	4.68	13	PASS
				RB50#50	4.82	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	5.6	13	PASS
			MCH	RB1#0	3.34	13	PASS
				RB1#50	2.96	13	PASS
				RB1#99	3.28	13	PASS
				RB50#0	4.6	13	PASS
				RB50#25	4.54	13	PASS
				RB50#50	4.51	13	PASS
				RB100#0	5.09	13	PASS
			HCH	RB1#0	3.36	13	PASS
				RB1#50	3.29	13	PASS
				RB1#99	3.24	13	PASS
				RB50#0	4.76	13	PASS
				RB50#25	4.65	13	PASS
				RB50#50	4.64	13	PASS
				RB100#0	5.14	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	3.75	13	PASS
				RB1#3	3.68	13	PASS
				RB1#5	3.83	13	PASS
				RB3#0	4.16	13	PASS
				RB3#2	4.17	13	PASS
				RB3#3	4.34	13	PASS
				RB6#0	5.66	13	PASS
			MCH	RB1#0	3.99	13	PASS
				RB1#3	3.81	13	PASS
				RB1#5	3.96	13	PASS
				RB3#0	4.46	13	PASS
				RB3#2	4.29	13	PASS
				RB3#3	4.41	13	PASS
				RB6#0	5.56	13	PASS
			HCH	RB1#0	4.36	13	PASS
				RB1#3	4.42	13	PASS
				RB1#5	4.66	13	PASS
				RB3#0	4.7	13	PASS
				RB3#2	4.45	13	PASS
				RB3#3	4.59	13	PASS
				RB6#0	5.98	13	PASS
		3	LCH	RB1#0	3.75	13	PASS
				RB1#7	3.64	13	PASS
				RB1#14	3.97	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	5.31	13	PASS
				RB8#4	5.26	13	PASS
				RB8#7	5.32	13	PASS
				RB15#0	6.05	13	PASS
			MCH	RB1#0	3.96	13	PASS
				RB1#7	3.83	13	PASS
				RB1#14	3.94	13	PASS
				RB8#0	5.45	13	PASS
				RB8#4	5.47	13	PASS
				RB8#7	5.48	13	PASS
				RB15#0	6.21	13	PASS
			HCH	RB1#0	4.05	13	PASS
				RB1#7	4.13	13	PASS
				RB1#14	4.24	13	PASS
				RB8#0	5.32	13	PASS
				RB8#4	5.46	13	PASS
				RB8#7	5.37	13	PASS
				RB15#0	6.12	13	PASS
		5	LCH	RB1#0	4.04	13	PASS
				RB1#13	4.17	13	PASS
				RB1#24	4.31	13	PASS
				RB12#0	5.3	13	PASS
				RB12#6	5.31	13	PASS
				RB12#13	5.46	13	PASS
				RB25#0	5.97	13	PASS
			MCH	RB1#0	4.25	13	PASS
				RB1#13	4.15	13	PASS
				RB1#24	4.13	13	PASS
				RB12#0	5.53	13	PASS
				RB12#6	5.5	13	PASS
				RB12#13	5.39	13	PASS
				RB25#0	6.06	13	PASS
			HCH	RB1#0	3.56	13	PASS
				RB1#13	3.46	13	PASS
				RB1#24	3.63	13	PASS
				RB12#0	5.5	13	PASS
				RB12#6	5.38	13	PASS
				RB12#13	5.45	13	PASS
				RB25#0	6.17	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	3.99	13	PASS
				RB1#25	3.96	13	PASS
				RB1#49	4.24	13	PASS
				RB25#0	5.5	13	PASS
				RB25#13	5.53	13	PASS
				RB25#25	5.73	13	PASS
				RB50#0	6.08	13	PASS
			MCH	RB1#0	4.42	13	PASS
				RB1#25	4.03	13	PASS
				RB1#49	3.9	13	PASS
				RB25#0	5.59	13	PASS
				RB25#13	5.5	13	PASS
				RB25#25	5.54	13	PASS
				RB50#0	6.51	13	PASS
			HCH	RB1#0	4.26	13	PASS
				RB1#25	4.09	13	PASS
				RB1#49	4.24	13	PASS
				RB25#0	5.45	13	PASS
				RB25#13	5.34	13	PASS
				RB25#25	5.45	13	PASS
				RB50#0	5.92	13	PASS
		15	LCH	RB1#0	4.06	13	PASS
				RB1#38	4.38	13	PASS
				RB1#74	4.4	13	PASS
				RB38#0	5.56	13	PASS
				RB38#19	5.64	13	PASS
				RB38#39	5.77	13	PASS
				RB75#0	6.34	13	PASS
			MCH	RB1#0	4.23	13	PASS
				RB1#38	4.02	13	PASS
				RB1#74	4.03	13	PASS
				RB38#0	5.63	13	PASS
				RB38#19	5.5	13	PASS
				RB38#39	5.48	13	PASS
				RB75#0	6.15	13	PASS
			HCH	RB1#0	3.94	13	PASS
				RB1#38	4.04	13	PASS
				RB1#74	3.97	13	PASS
				RB38#0	6.06	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#19	5.93	13	PASS
				RB38#39	5.96	13	PASS
				RB75#0	6.42	13	PASS
		20	LCH	RB1#0	3.47	13	PASS
				RB1#50	3.82	13	PASS
				RB1#99	4.03	13	PASS
				RB50#0	5.48	13	PASS
				RB50#25	5.62	13	PASS
				RB50#50	5.84	13	PASS
				RB100#0	6.04	13	PASS
			MCH	RB1#0	3.96	13	PASS
				RB1#50	3.64	13	PASS
				RB1#99	3.81	13	PASS
				RB50#0	5.59	13	PASS
				RB50#25	5.48	13	PASS
				RB50#50	5.43	13	PASS
				RB100#0	5.92	13	PASS
			HCH	RB1#0	3.92	13	PASS
				RB1#50	3.94	13	PASS
				RB1#99	3.88	13	PASS
				RB50#0	5.79	13	PASS
				RB50#25	5.63	13	PASS
				RB50#50	5.7	13	PASS
				RB100#0	6.24	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

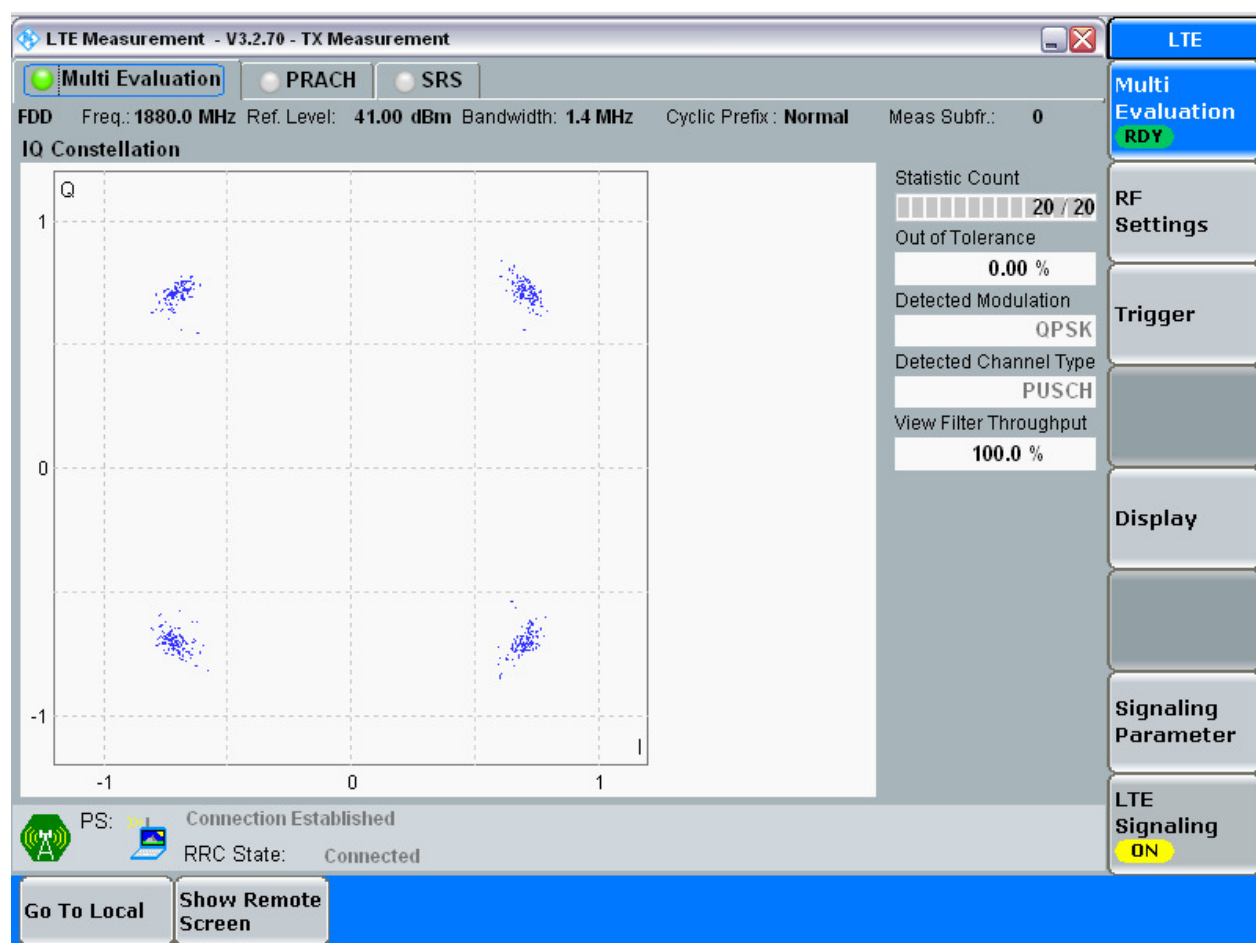
3.1.1 Test Band = BAND2

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

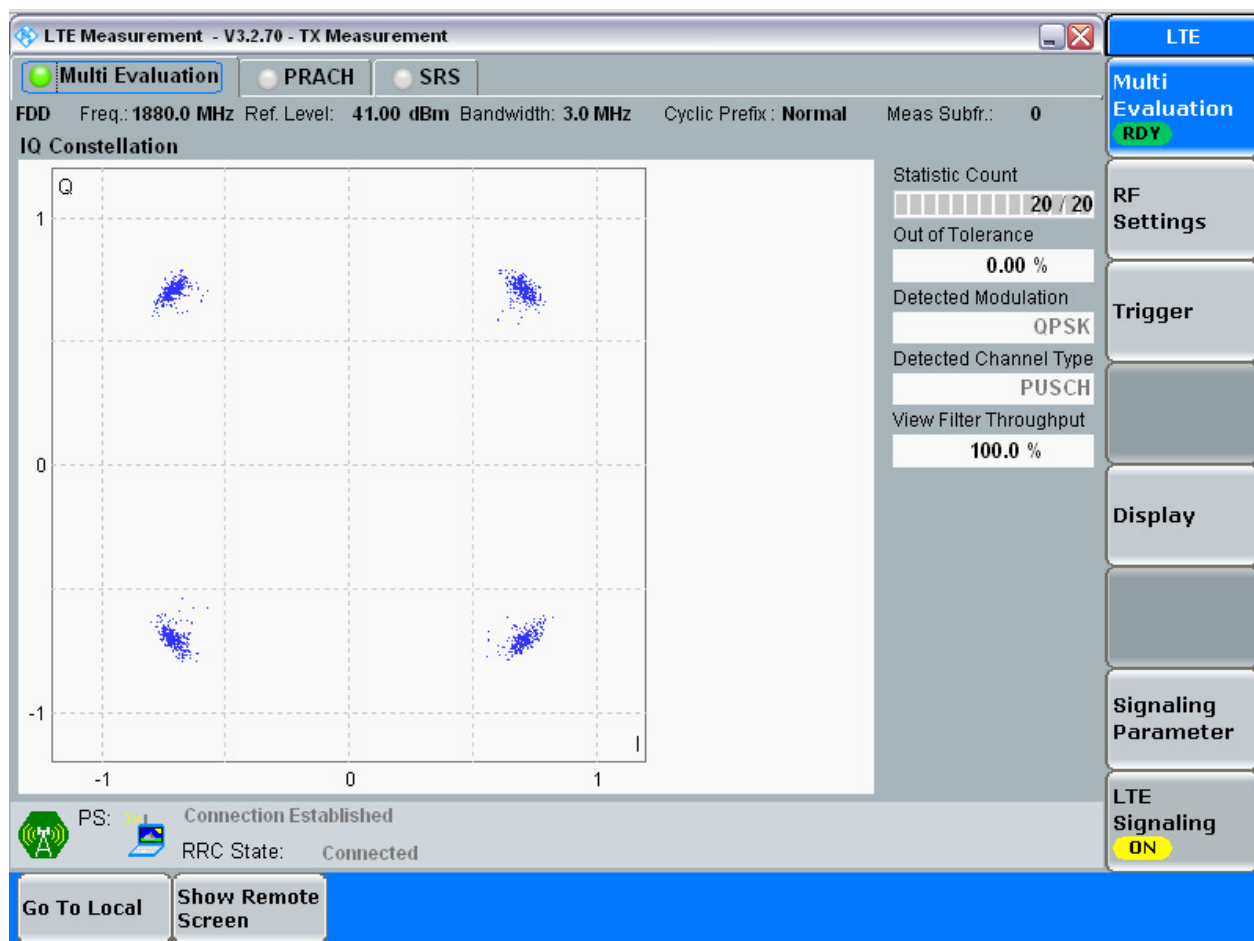
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

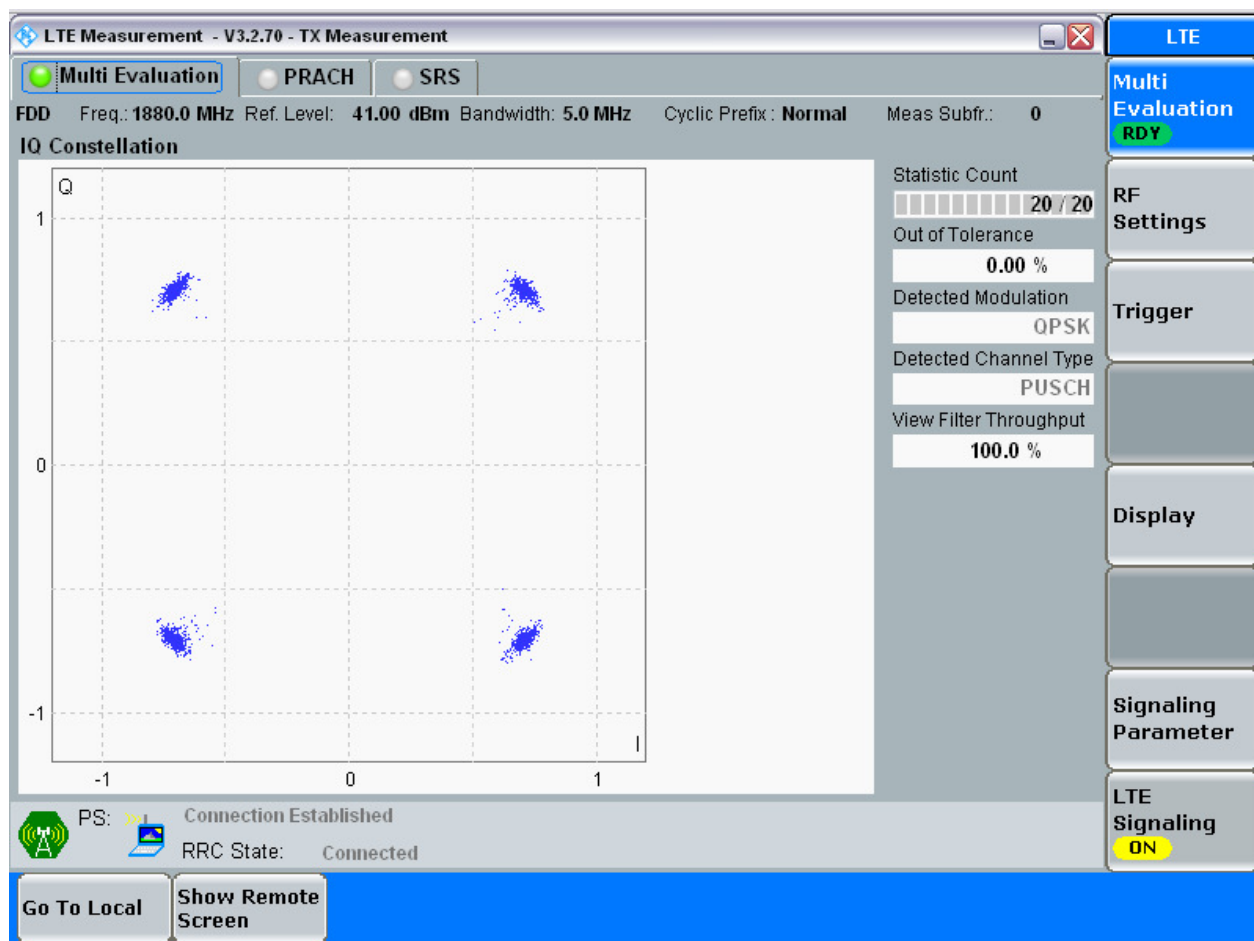
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

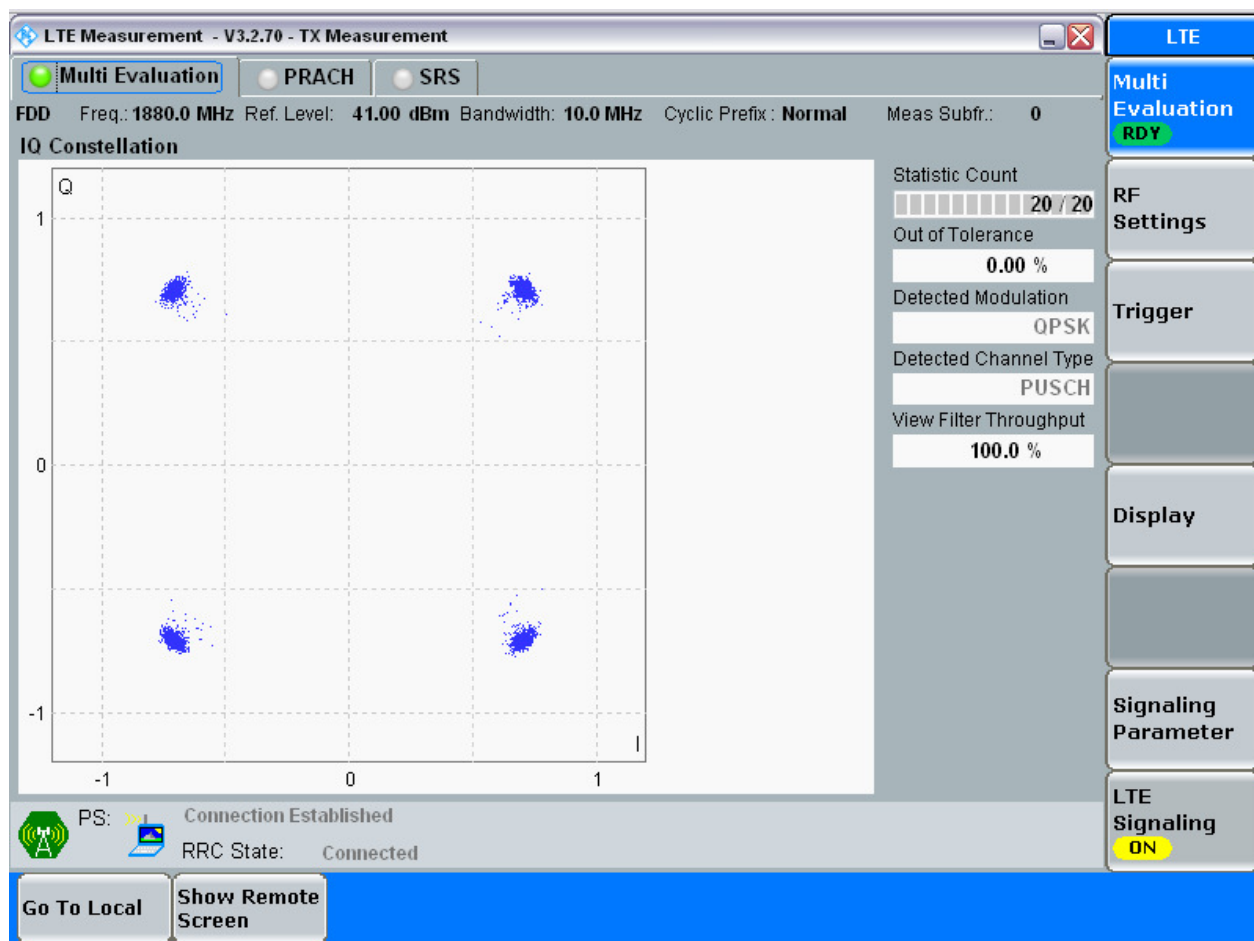
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

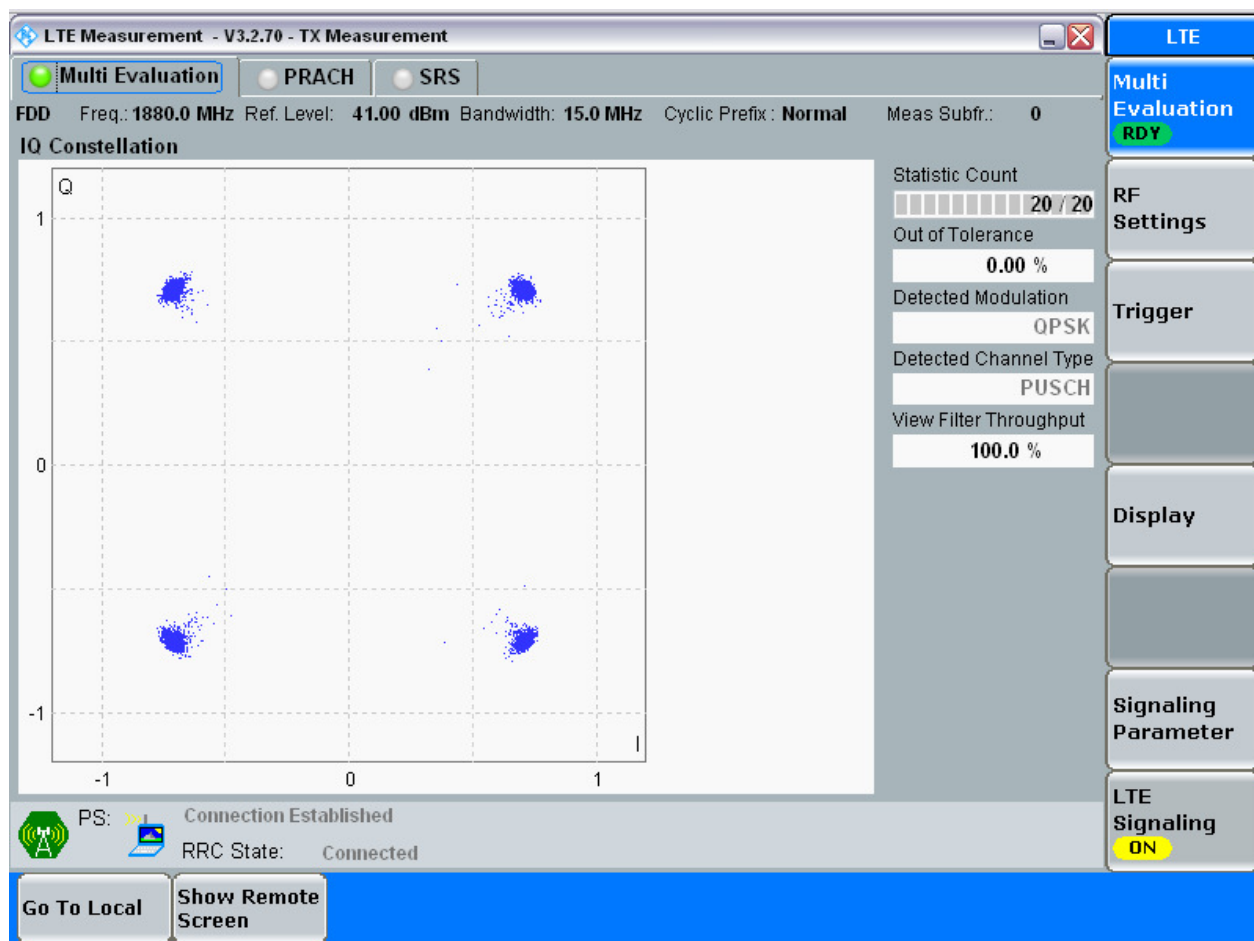
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

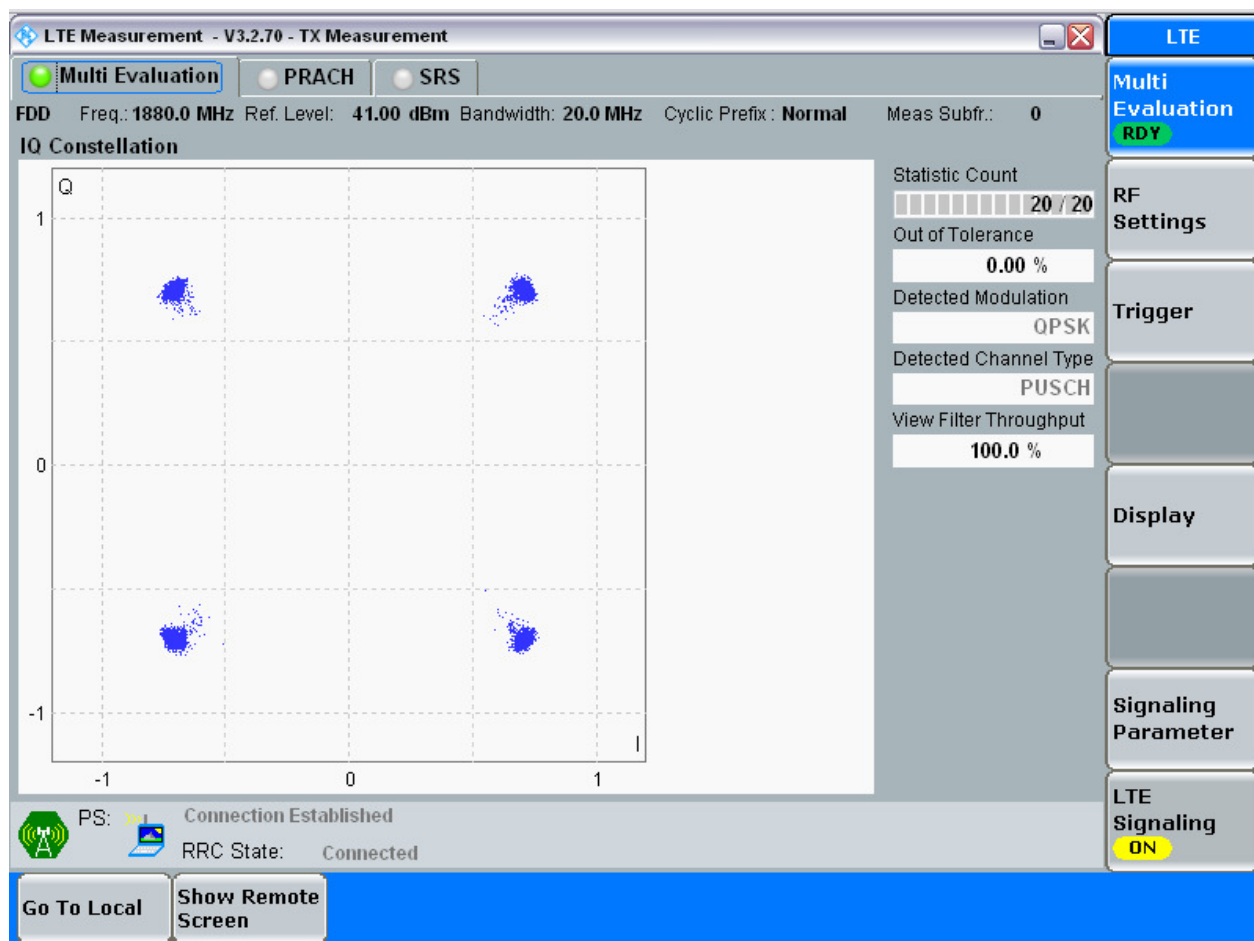
3.1.1.1.5.1.1 Test RB = RB75#0



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

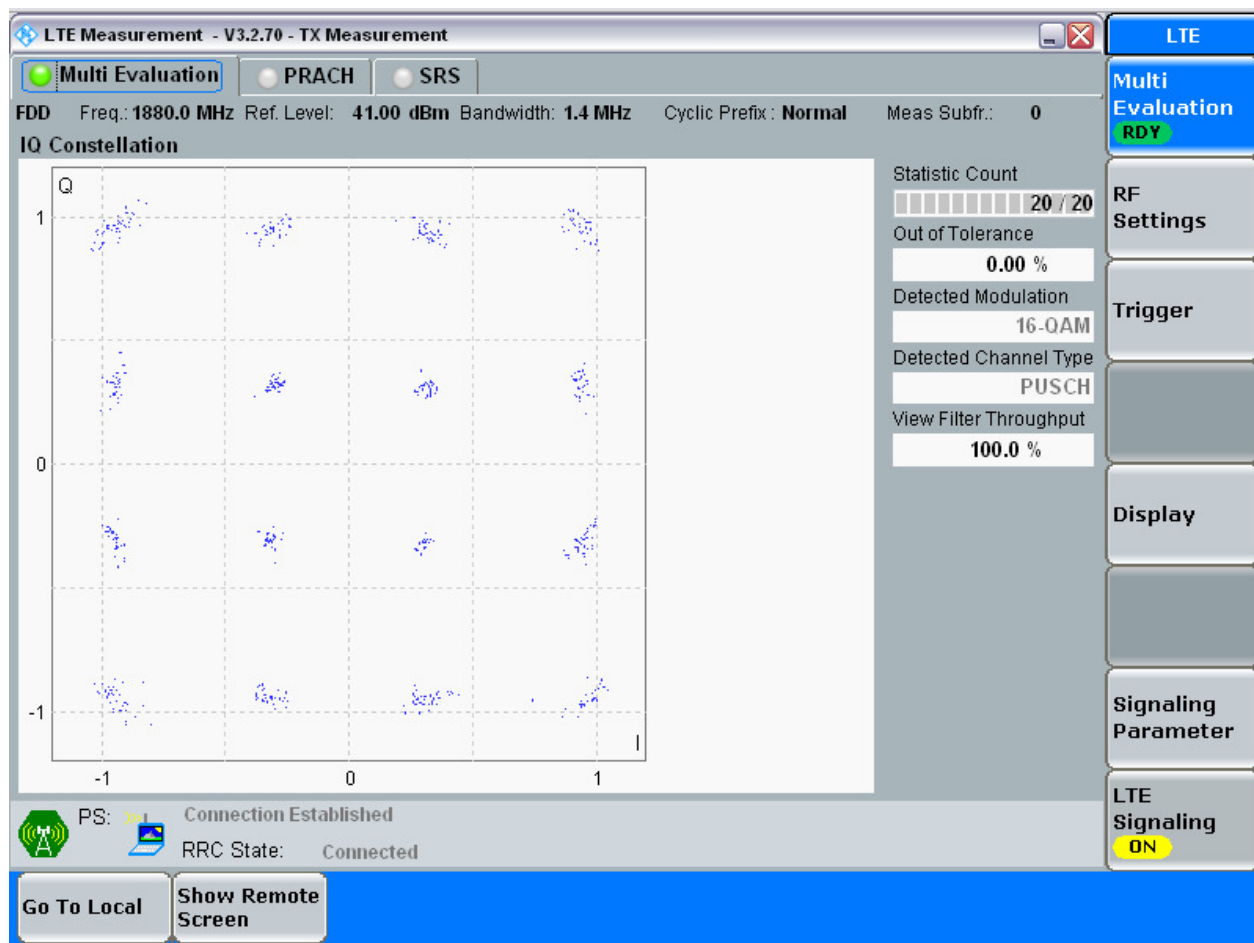


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

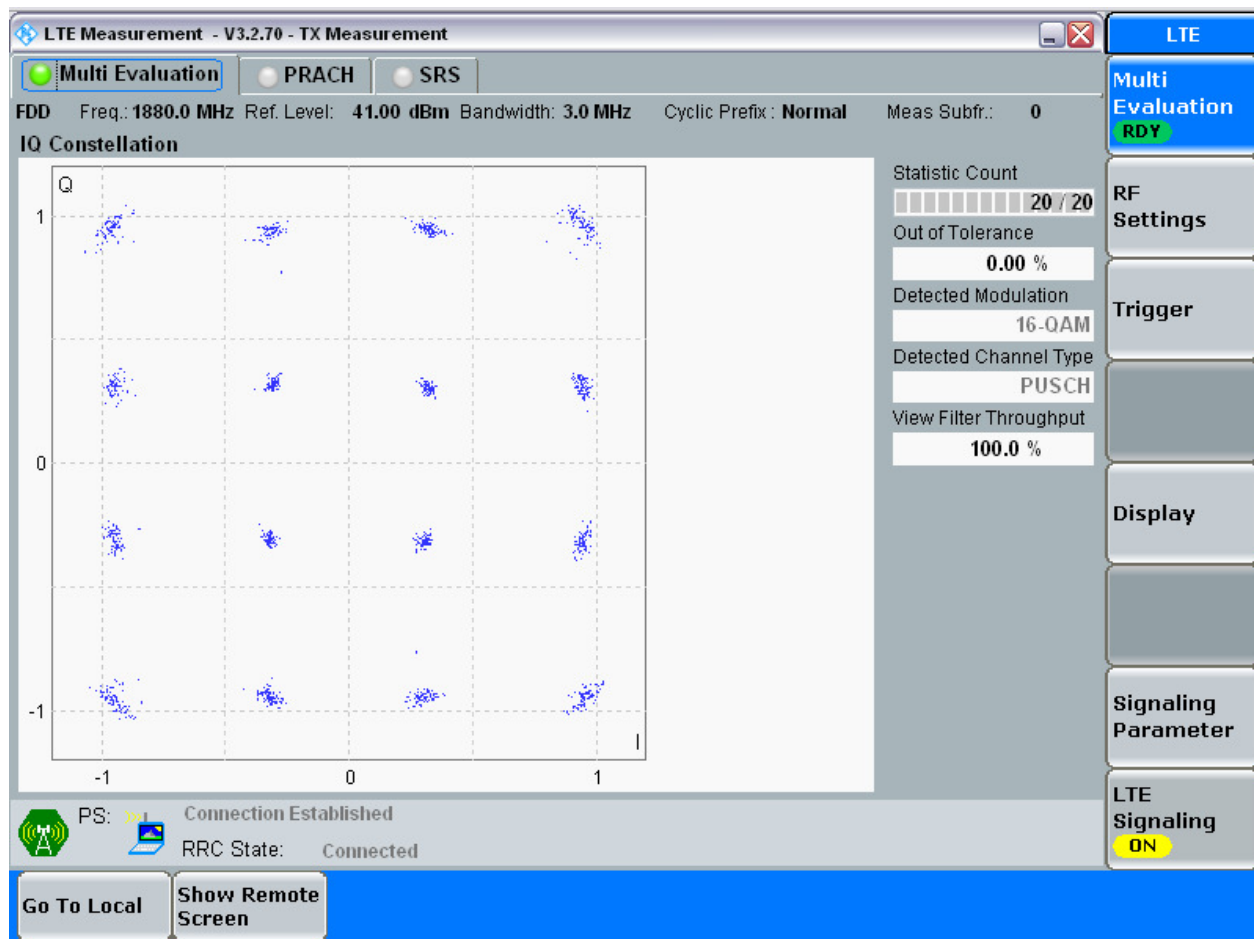
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

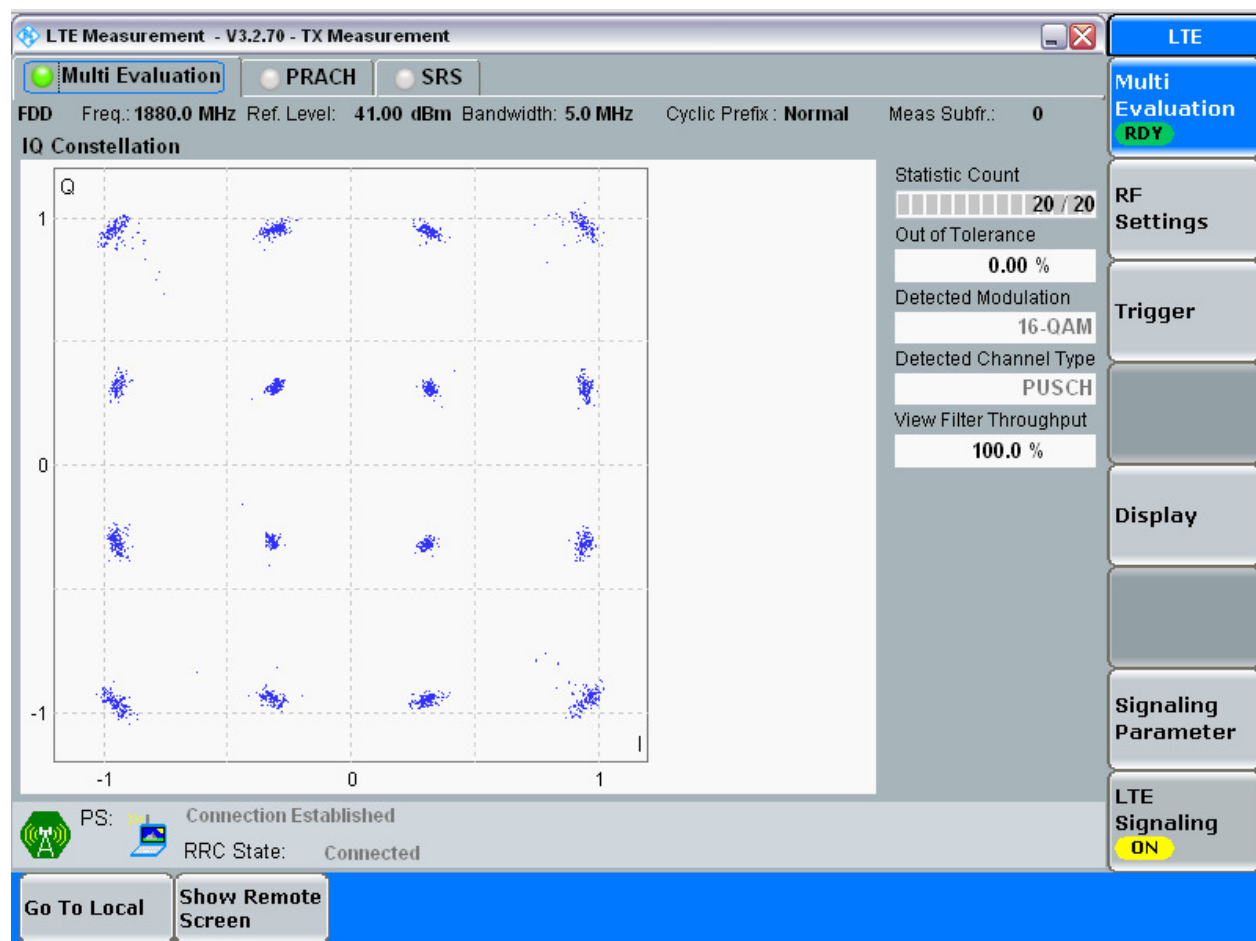
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

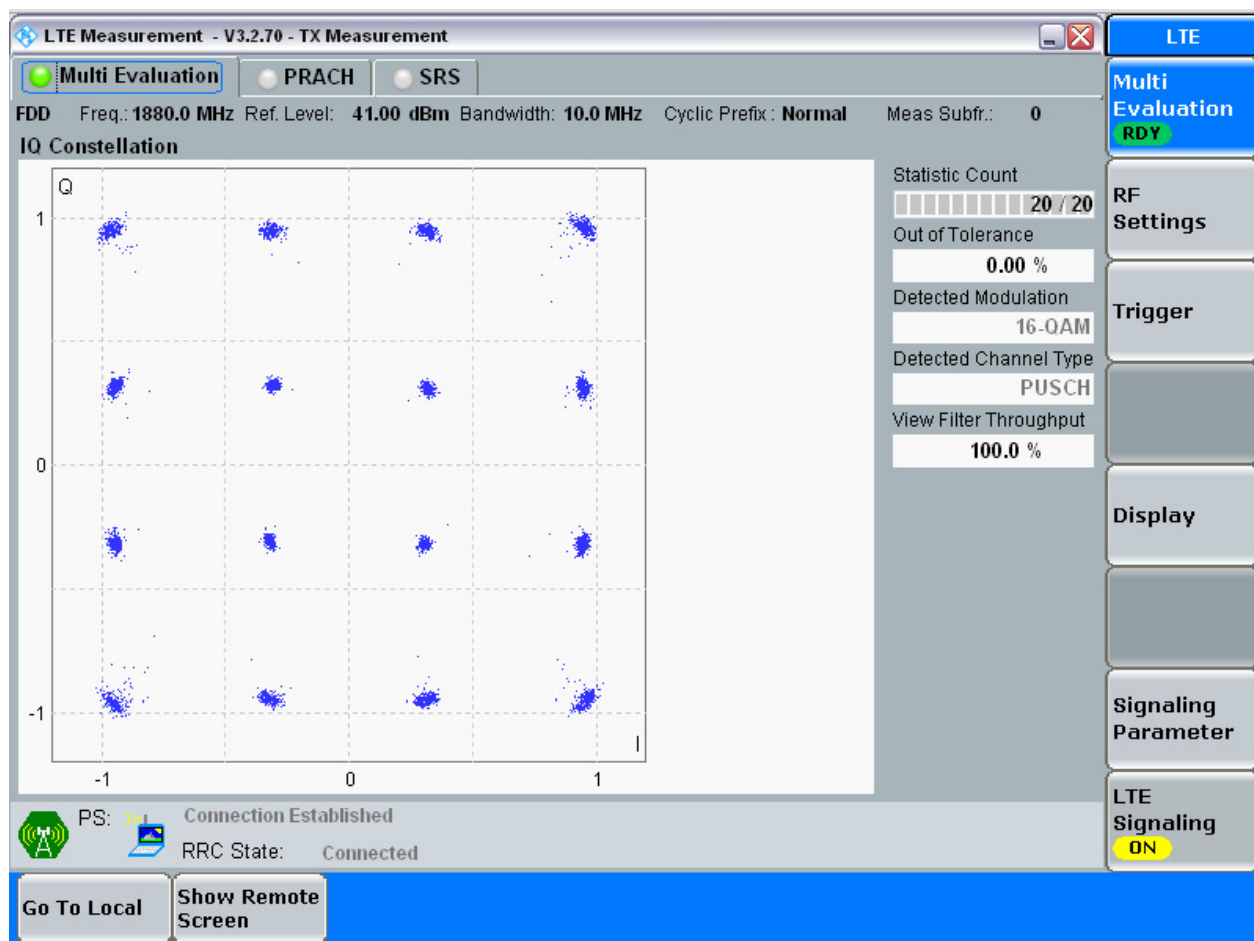
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

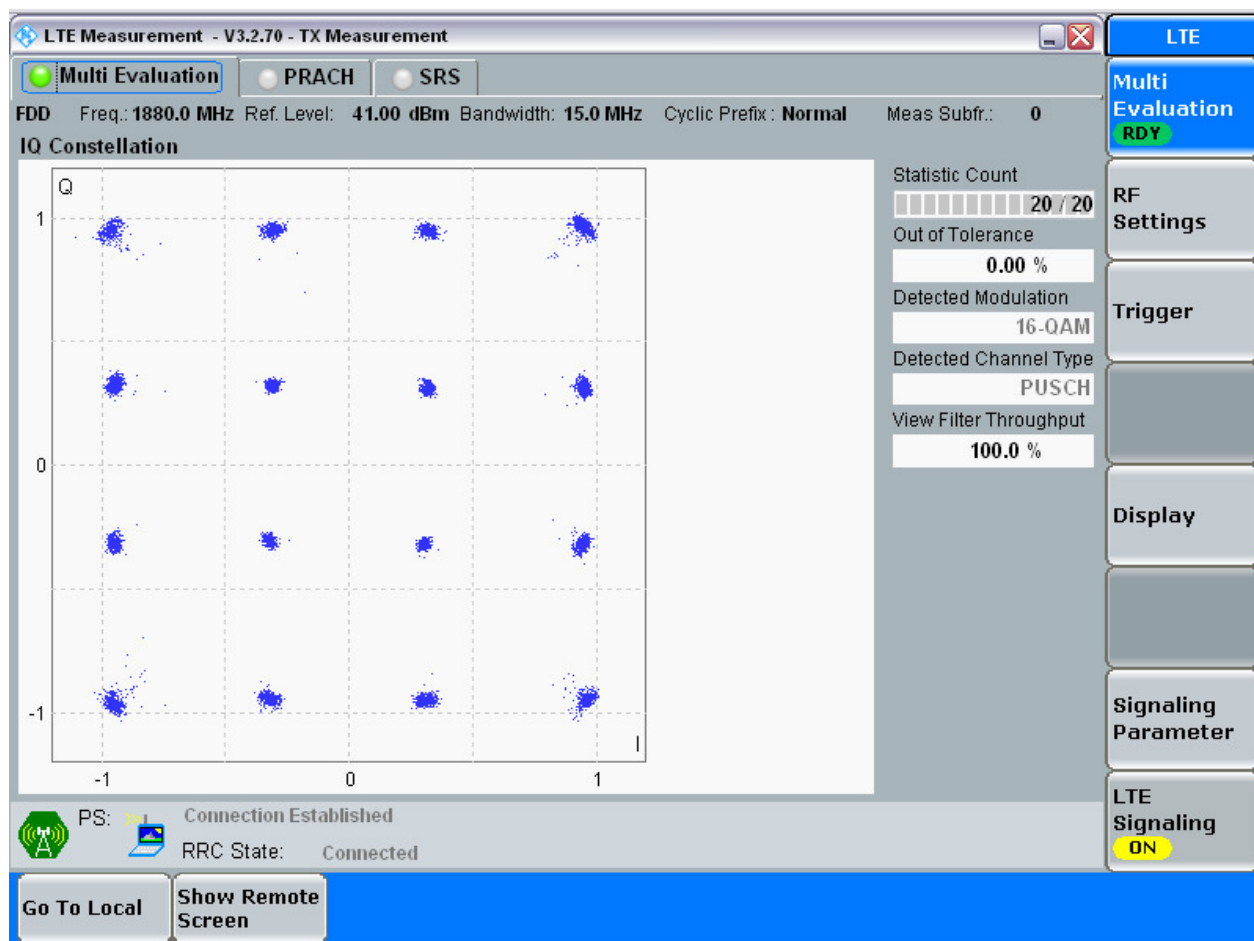
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

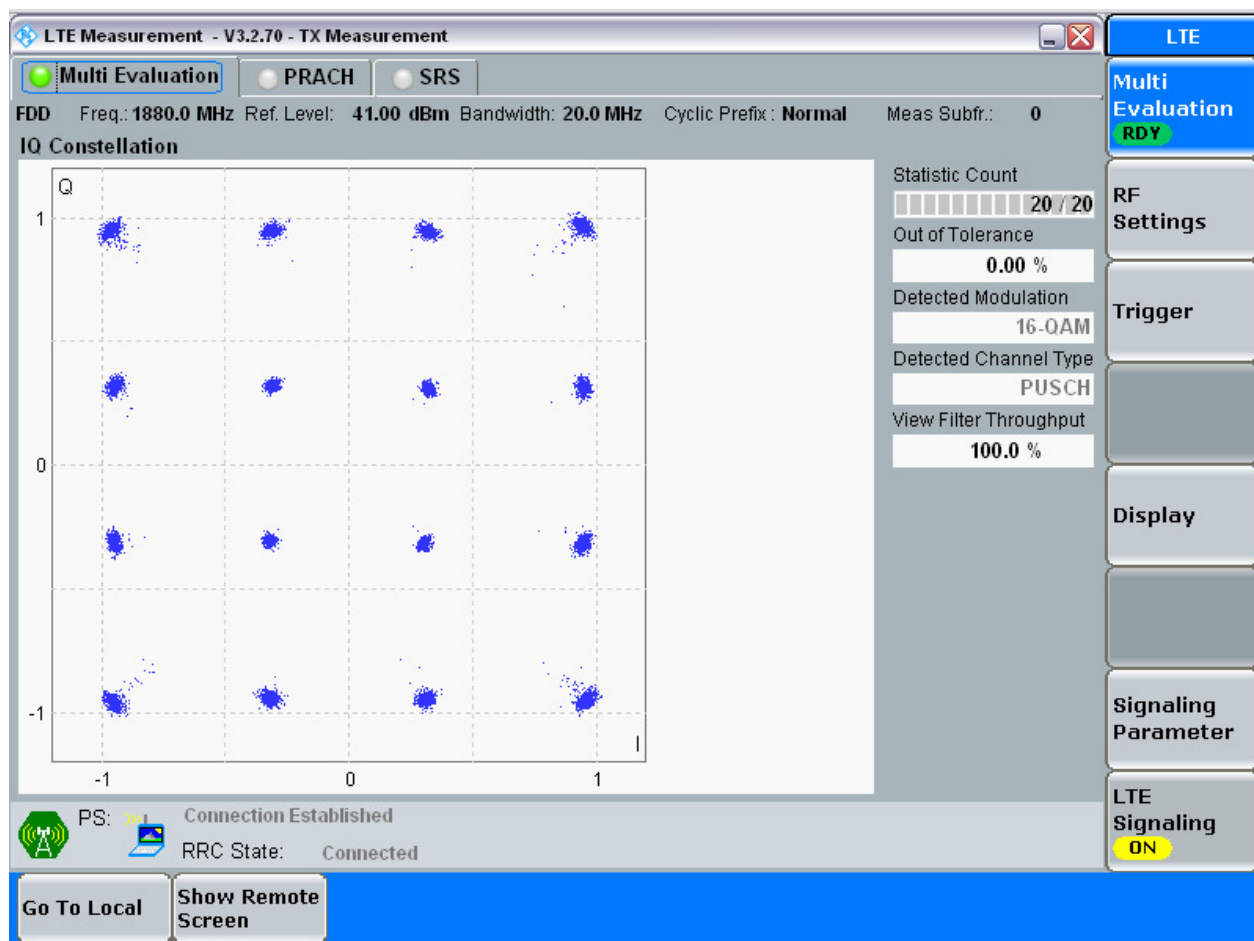
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.31	Pass
			HCH	RB6#0	1.10	1.38	Pass
		3	LCH	RB15#0	2.71	3.00	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.72	3.03	Pass
		5	LCH	RB25#0	4.52	5.00	Pass
			MCH	RB25#0	4.53	5.01	Pass
			HCH	RB25#0	4.51	5.00	Pass
		10	LCH	RB50#0	9.02	10.00	Pass
			MCH	RB50#0	9.01	9.99	Pass
			HCH	RB50#0	8.98	9.93	Pass
		15	LCH	RB75#0	13.51	14.93	Pass
			MCH	RB75#0	13.48	14.87	Pass
			HCH	RB75#0	13.47	14.78	Pass
		20	LCH	RB100#0	17.98	19.61	Pass
			MCH	RB100#0	17.93	19.50	Pass
			HCH	RB100#0	17.94	19.62	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.32	Pass
			MCH	RB6#0	1.11	1.33	Pass
			HCH	RB6#0	1.10	1.34	Pass
		3	LCH	RB15#0	2.71	3.01	Pass
			MCH	RB15#0	2.71	3.02	Pass
			HCH	RB15#0	2.71	3.03	Pass
		5	LCH	RB25#0	4.53	5.02	Pass
			MCH	RB25#0	4.53	5.03	Pass
			HCH	RB25#0	4.52	5.04	Pass
		10	LCH	RB50#0	9.01	10.00	Pass
			MCH	RB50#0	9.01	10.02	Pass
			HCH	RB50#0	9.01	9.92	Pass
		15	LCH	RB75#0	13.50	14.78	Pass
			MCH	RB75#0	13.48	14.77	Pass
			HCH	RB75#0	13.45	14.76	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	17.98	19.58	Pass
			MCH	RB100#0	17.94	19.48	Pass
			HCH	RB100#0	17.90	19.61	Pass

Part II - Test Plots

4.1 For LTE

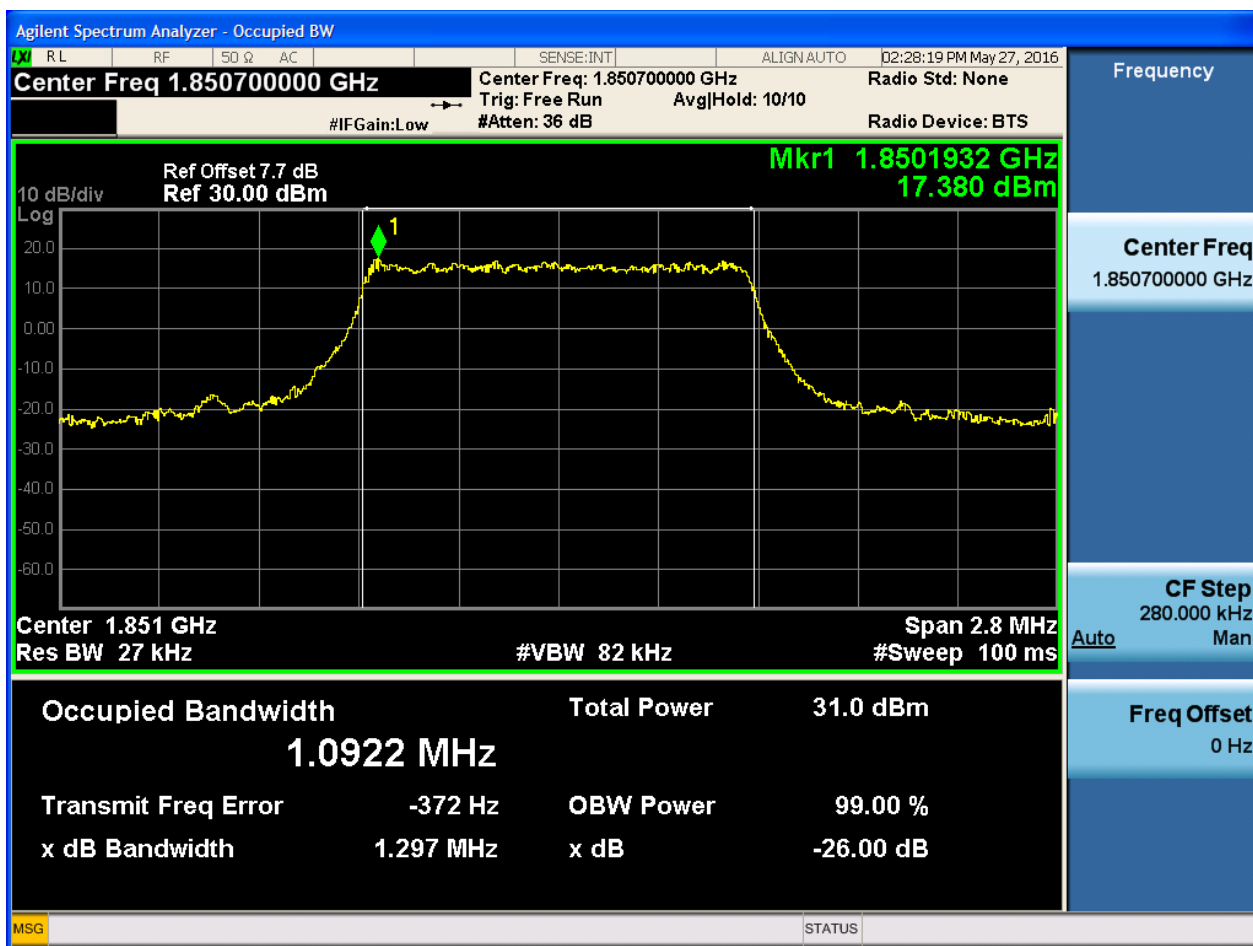
4.1.1 Test Band = BAND2

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

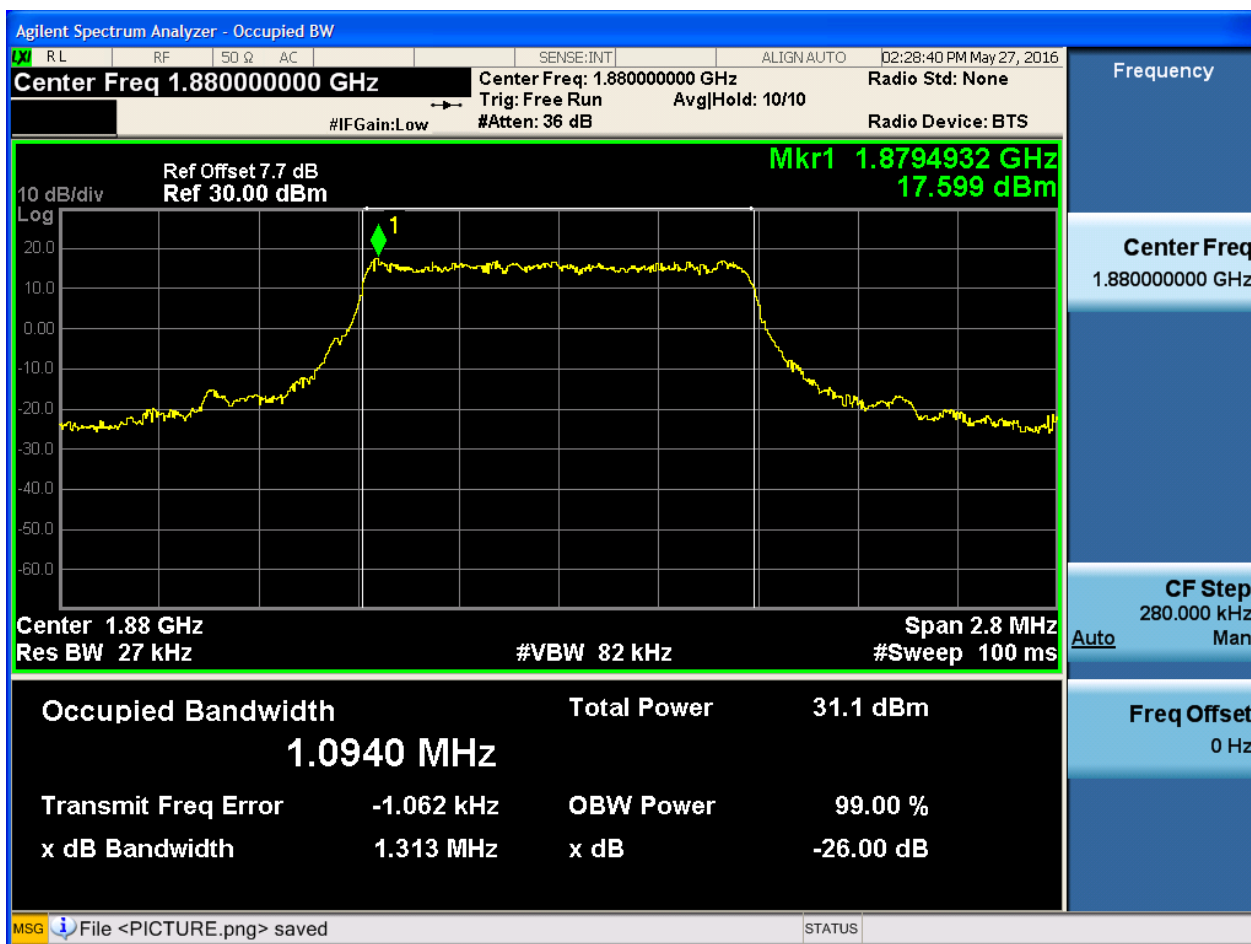
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



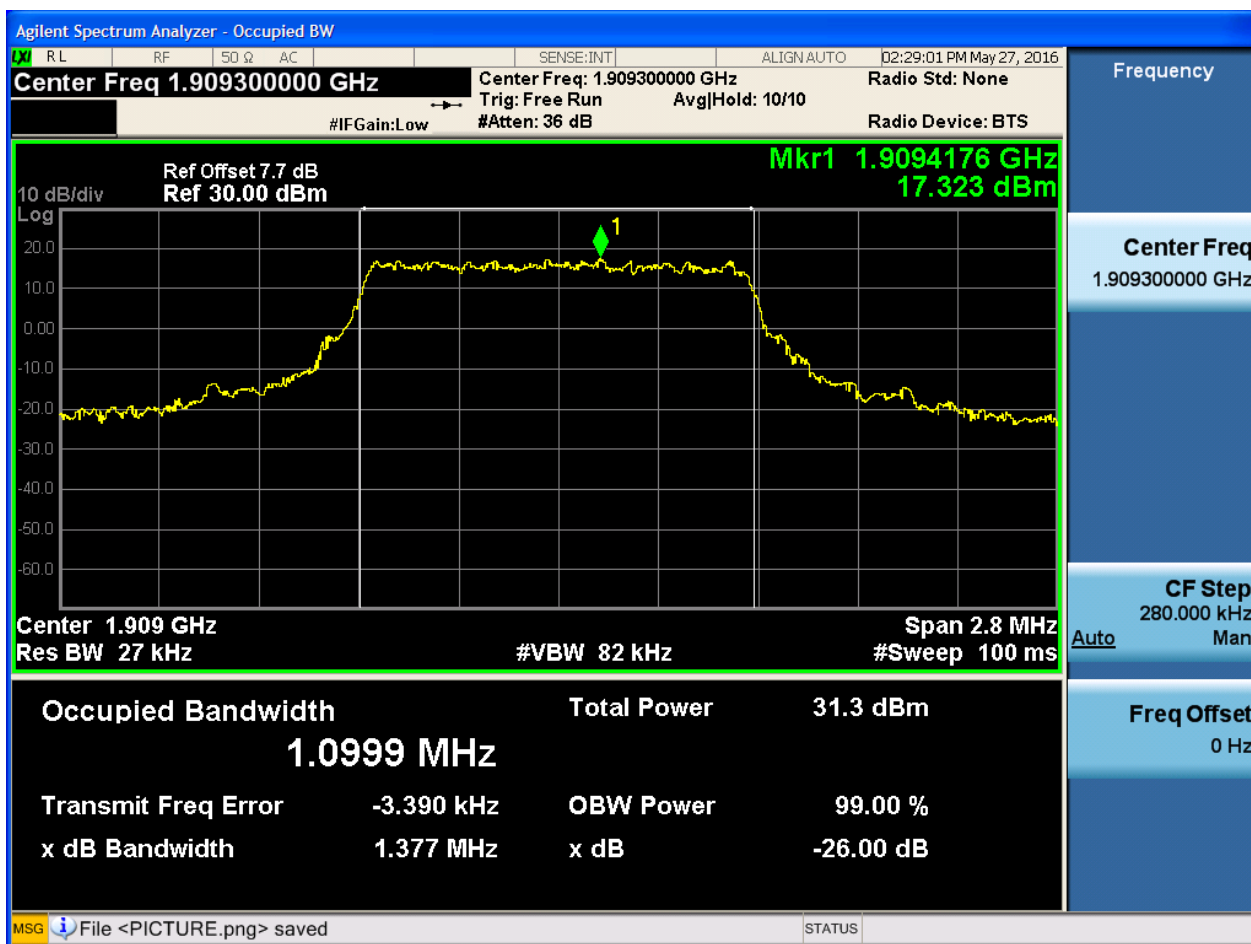
4.1.1.1.1.2 Test Channel = MCH

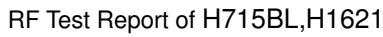
4.1.1.1.1.2.1 Test RB = RB6#0



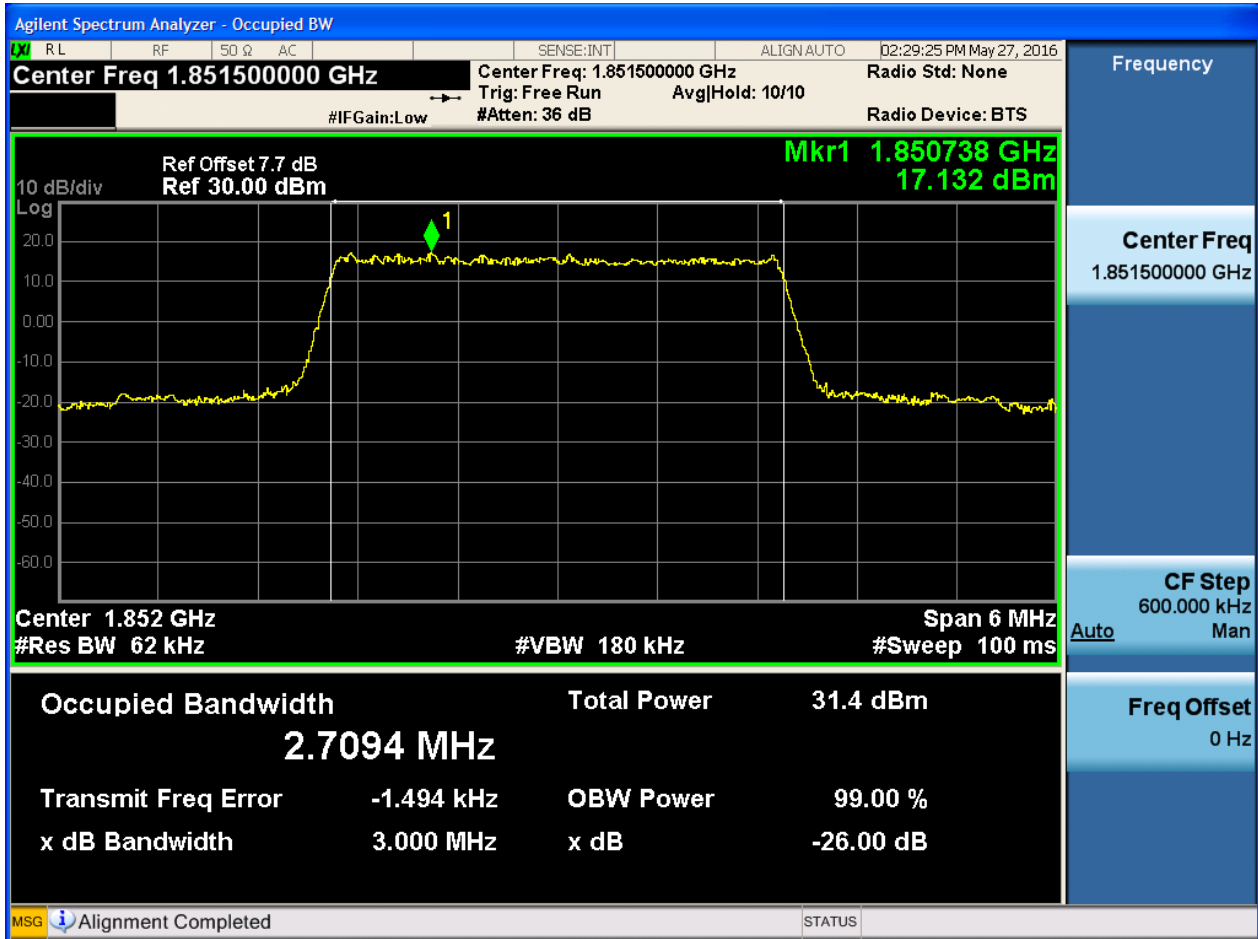
4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0



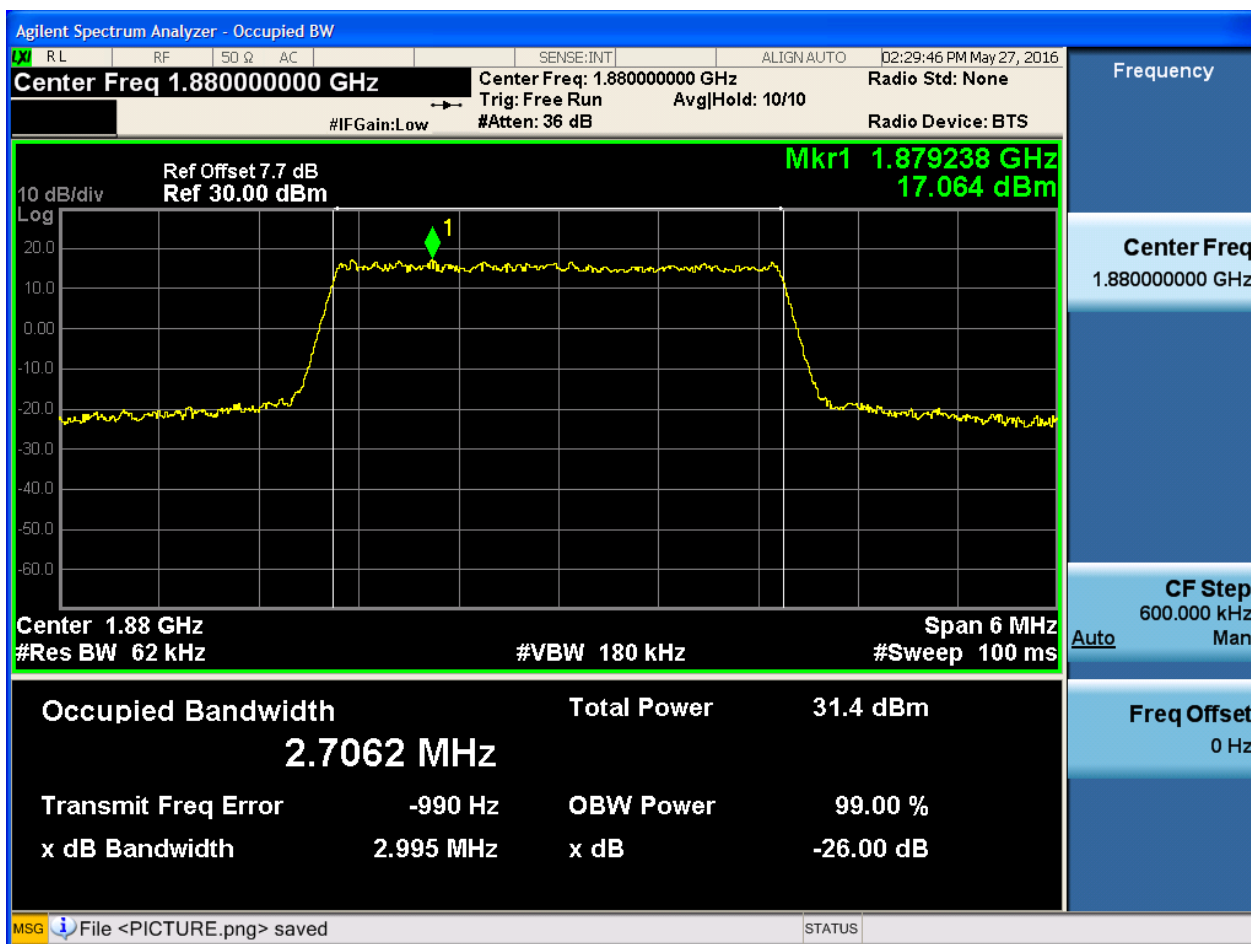


4.1.1.1.2.1.1 Test RB = RB15#0



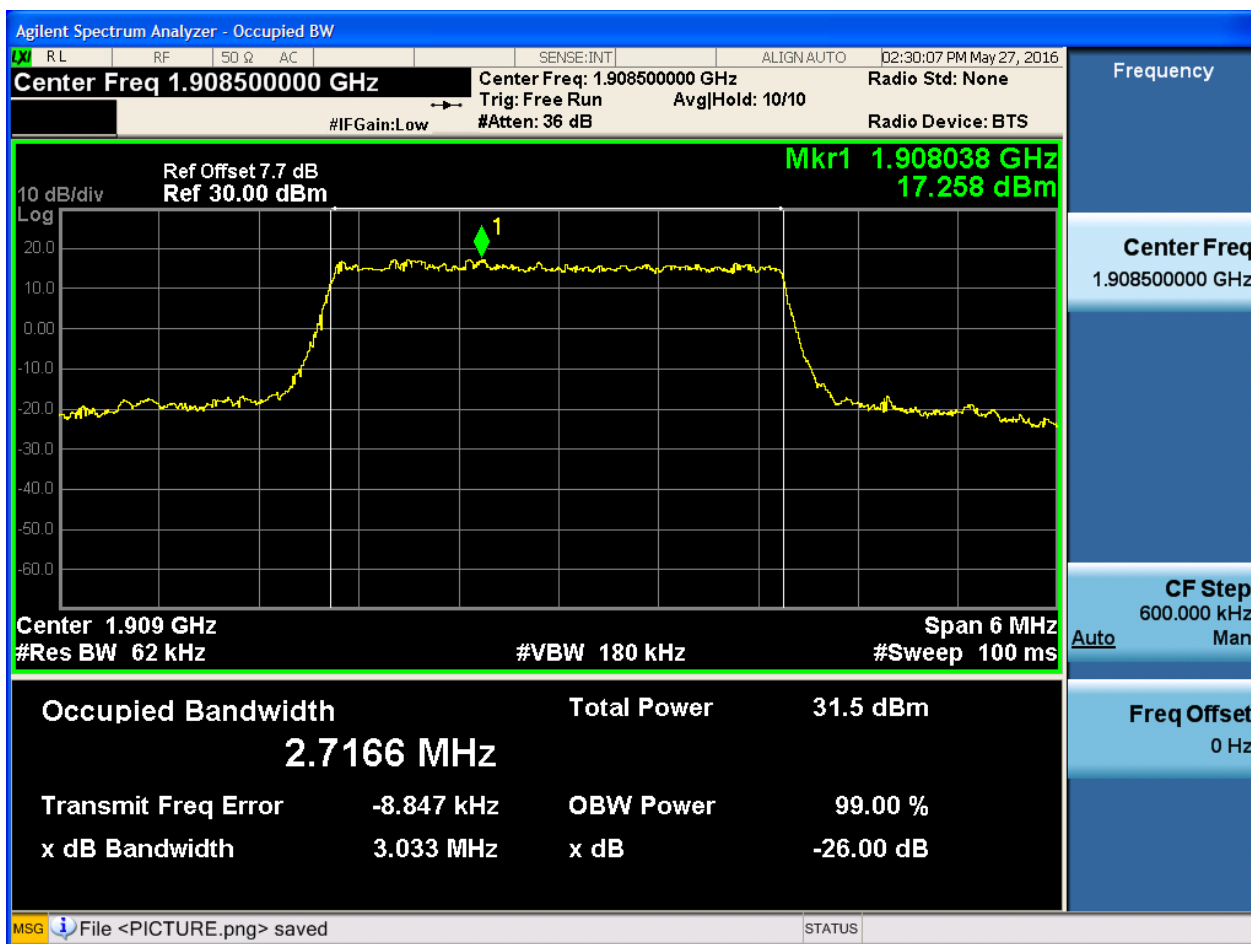
4.1.1.1.2.2 Test Channel = MCH

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

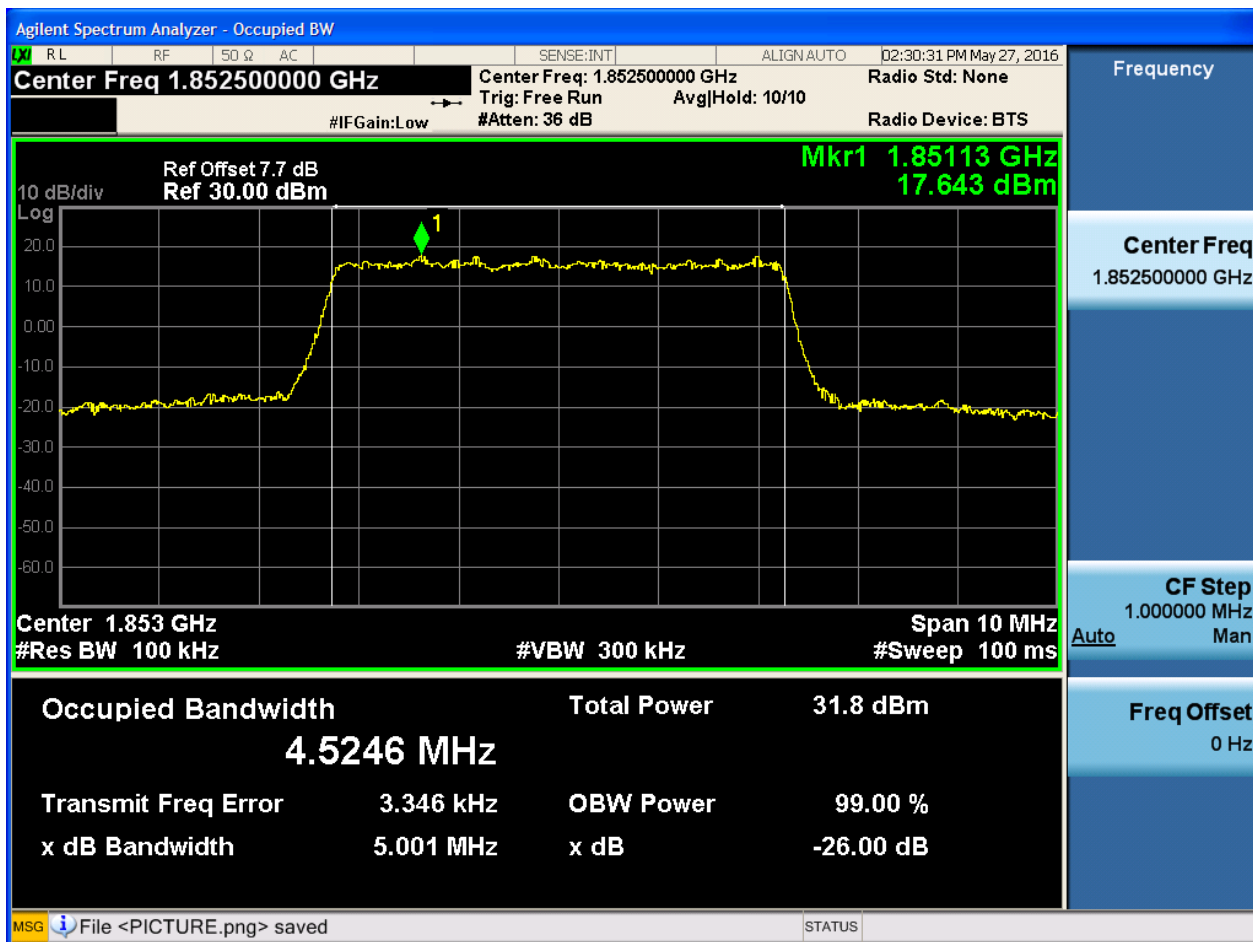




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

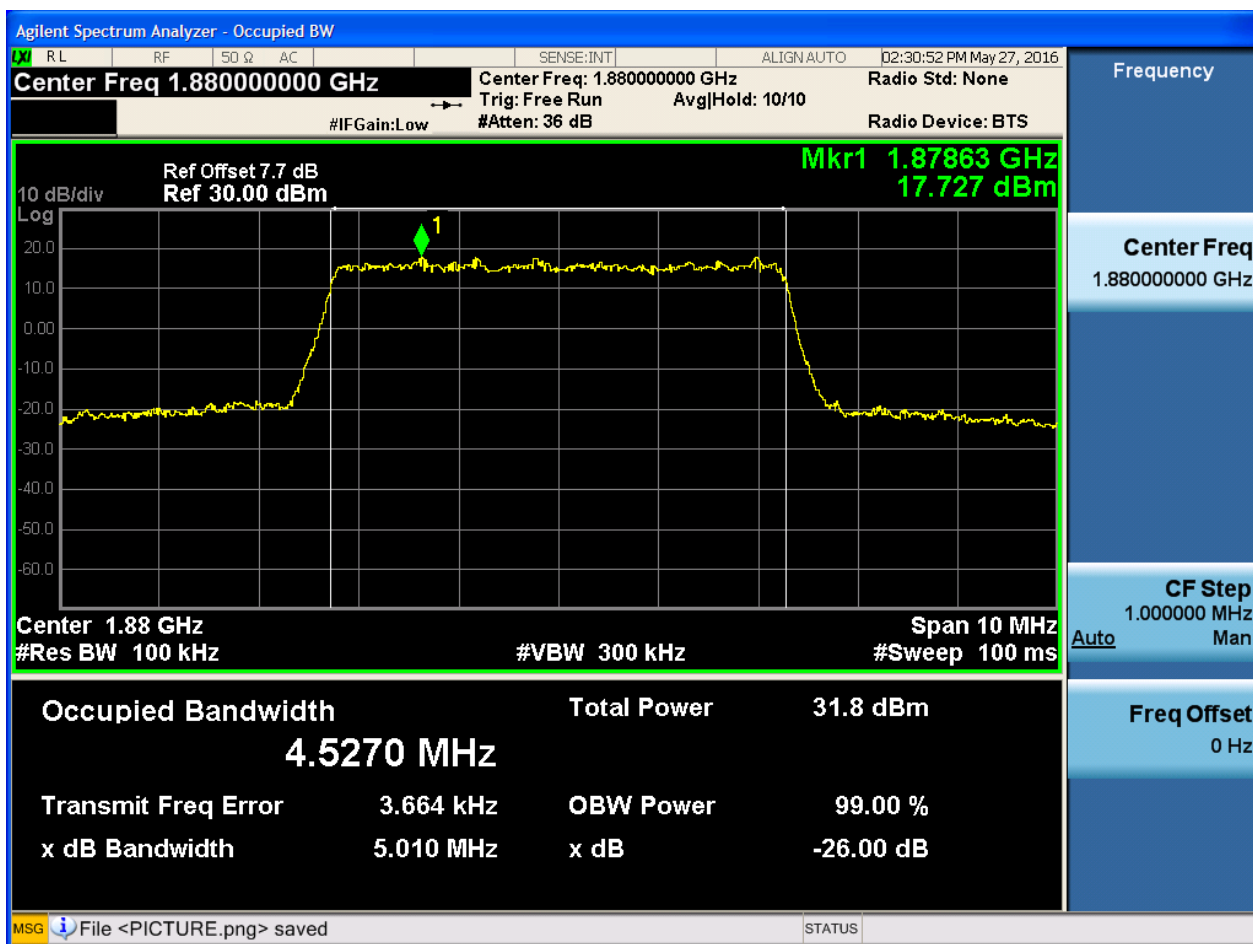
4.1.1.1.3.1.1 Test RB = RB25#0





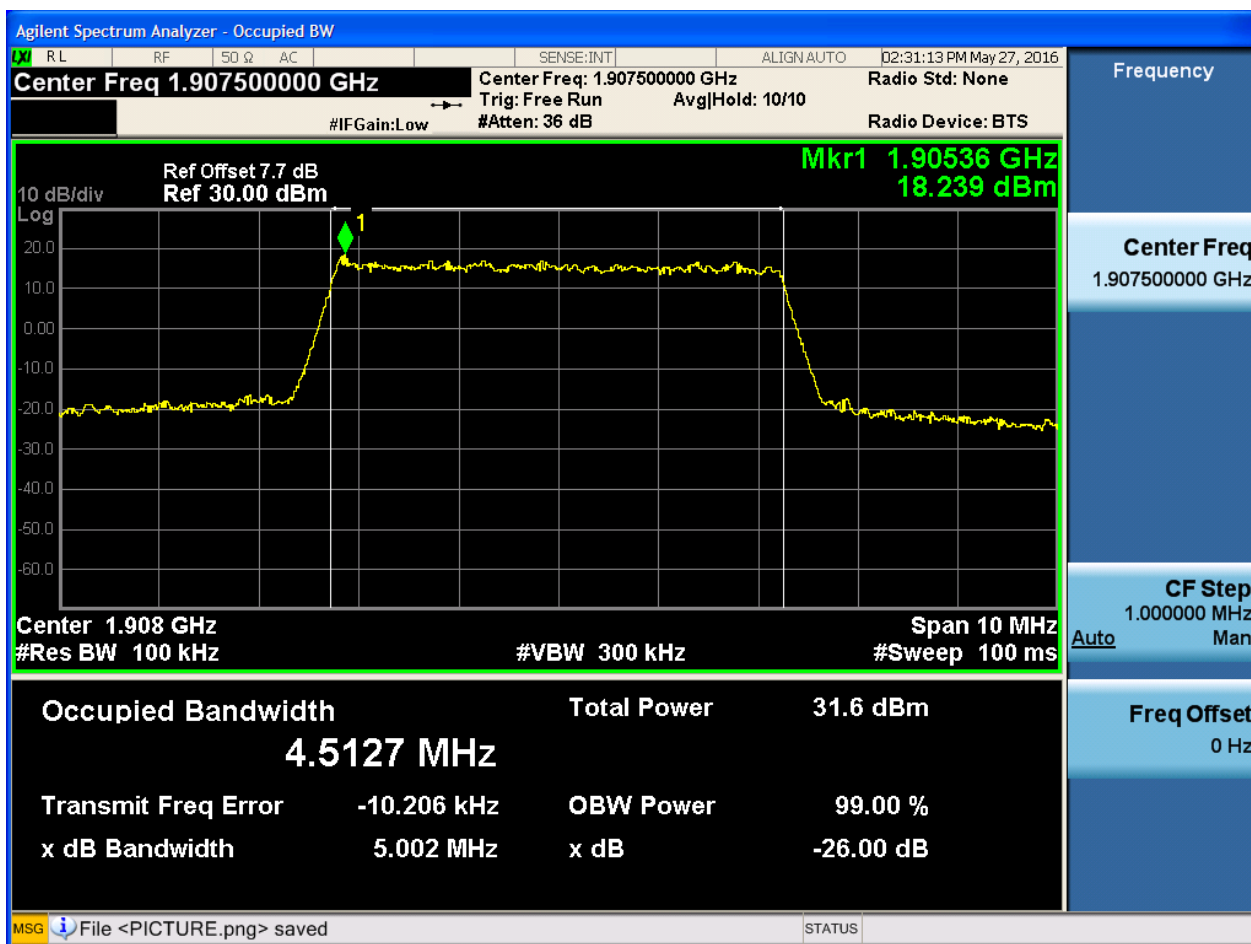
4.1.1.1.3.2 Test Channel = MCH

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

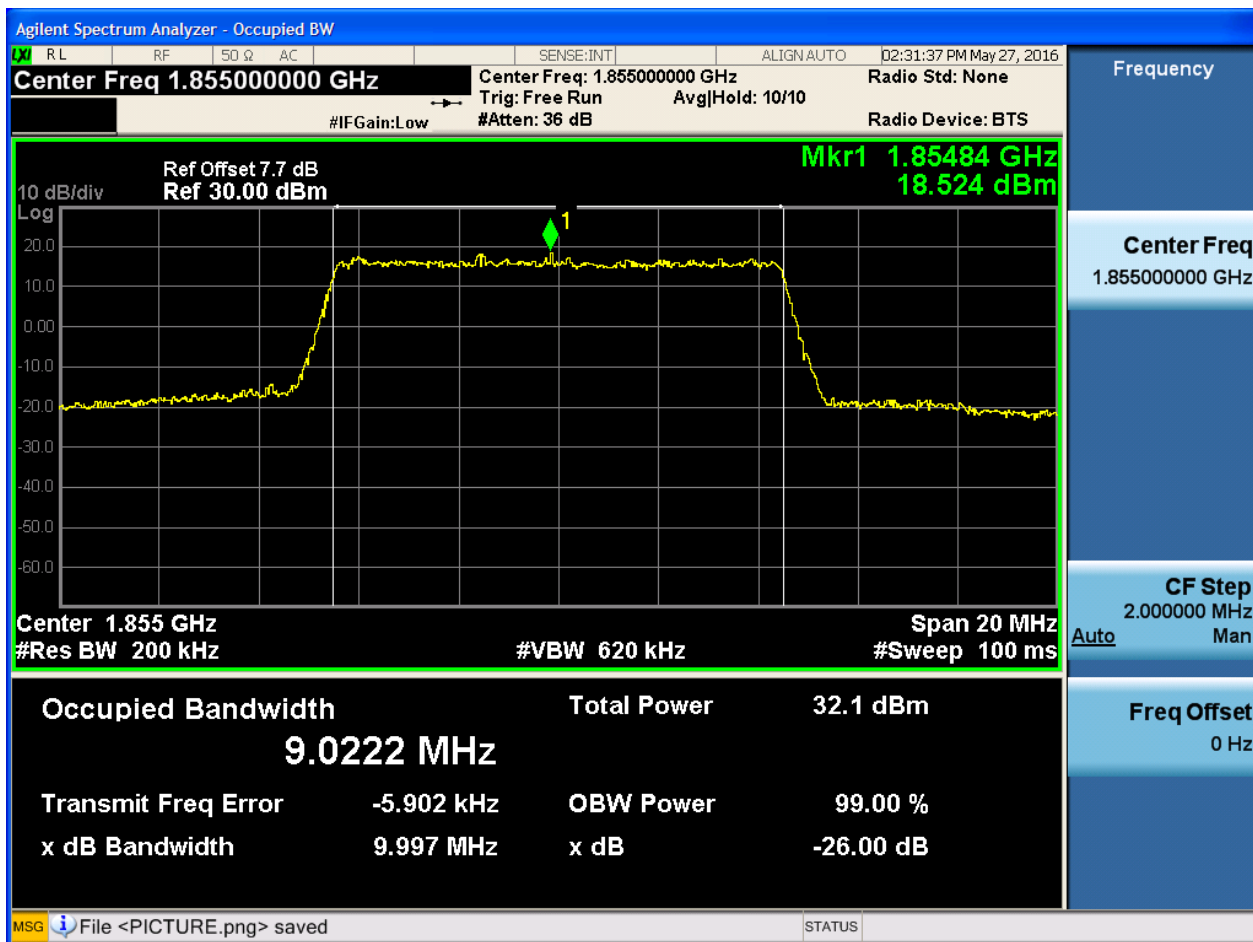




4.1.1.1.4 Test Bandwidth = 10

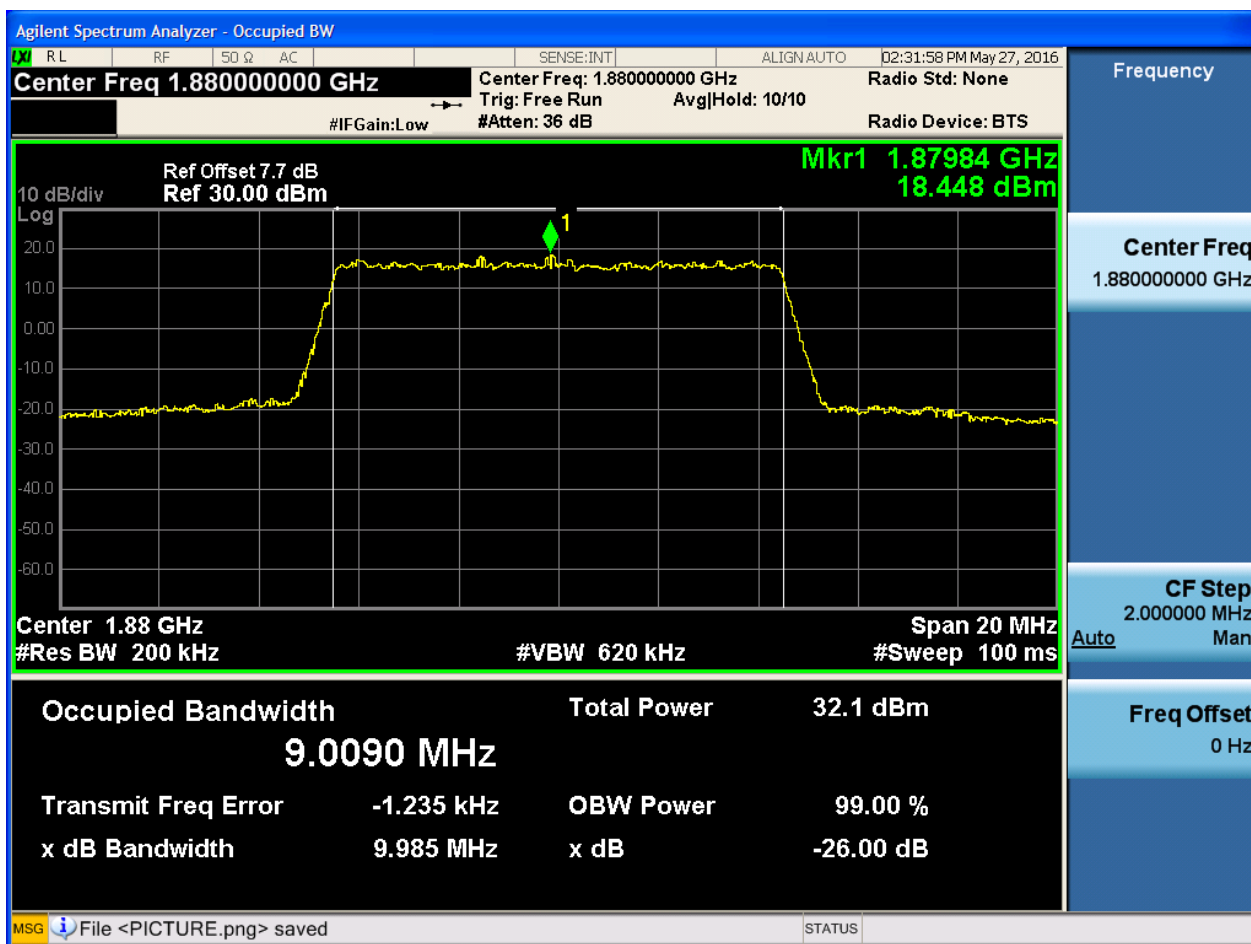
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



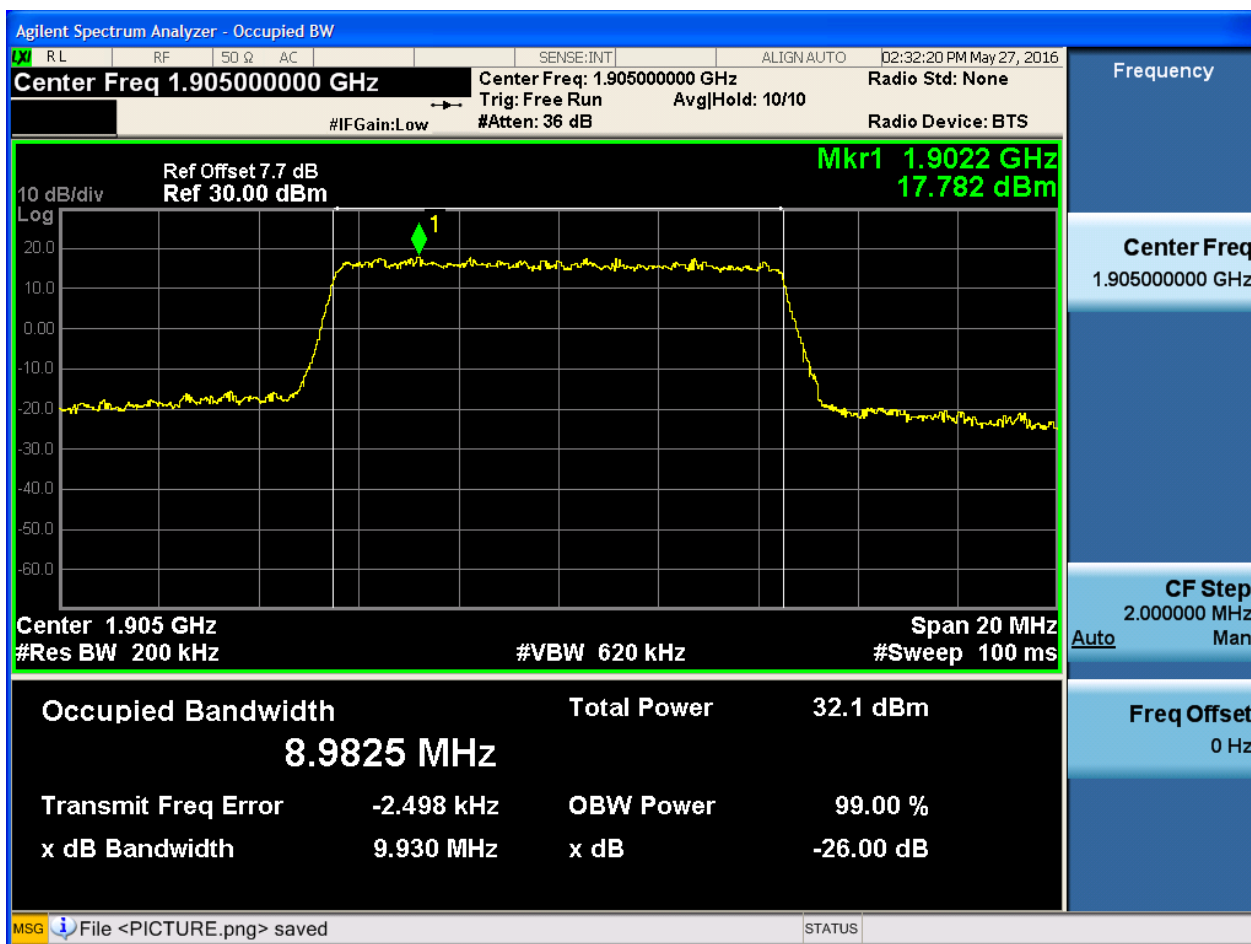
4.1.1.1.4.2 Test Channel = MCH

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

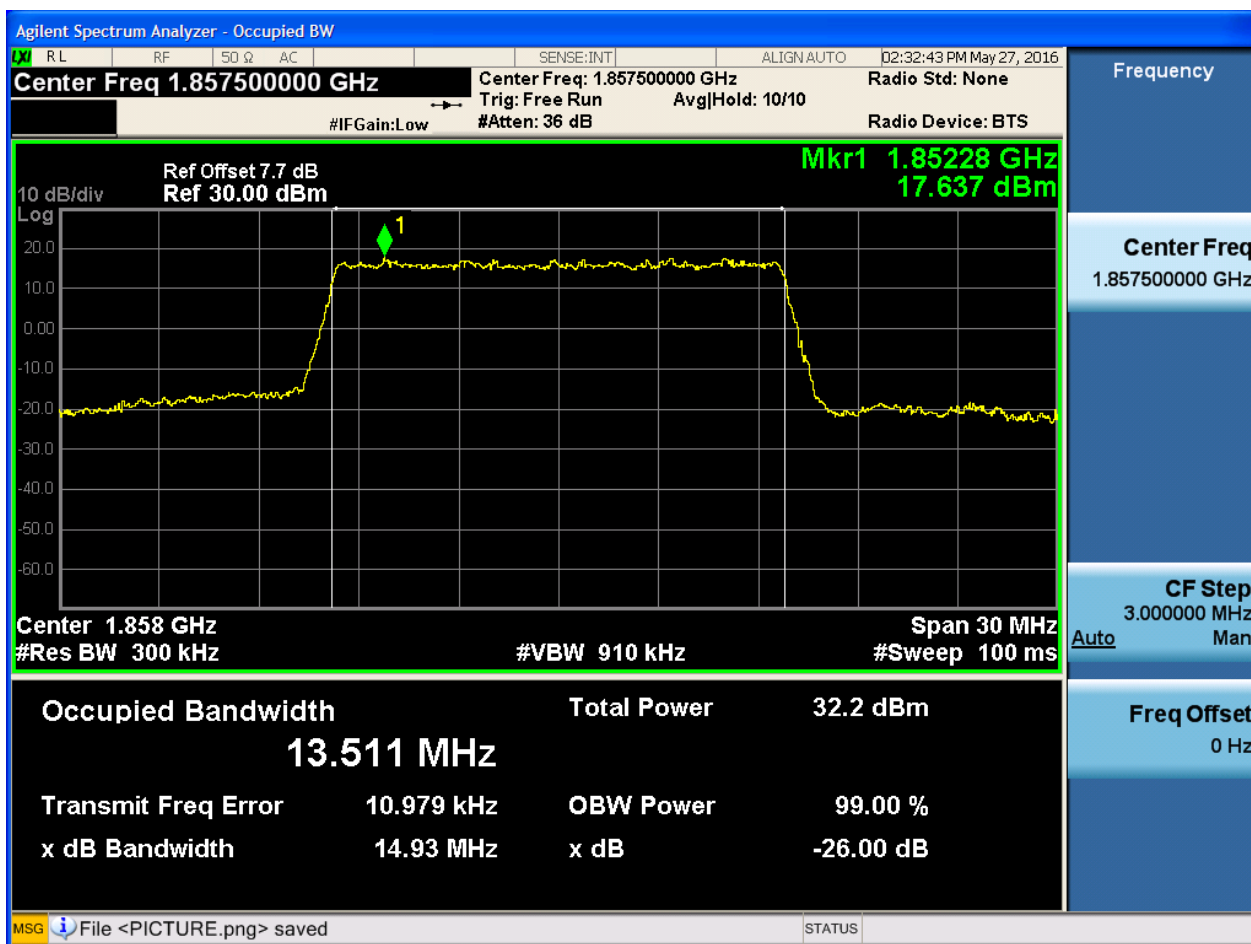




4.1.1.1.5 Test Bandwidth = 15

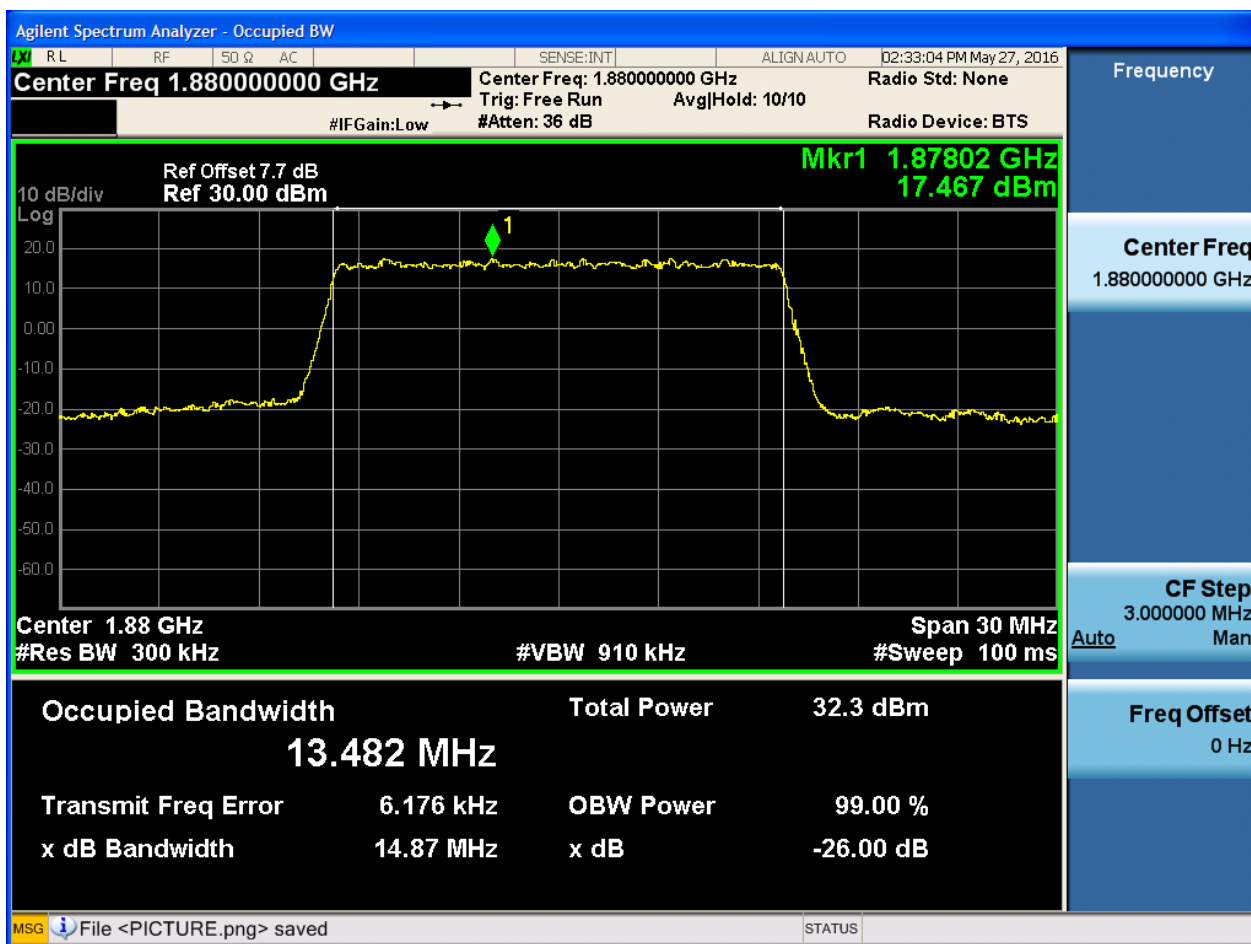
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



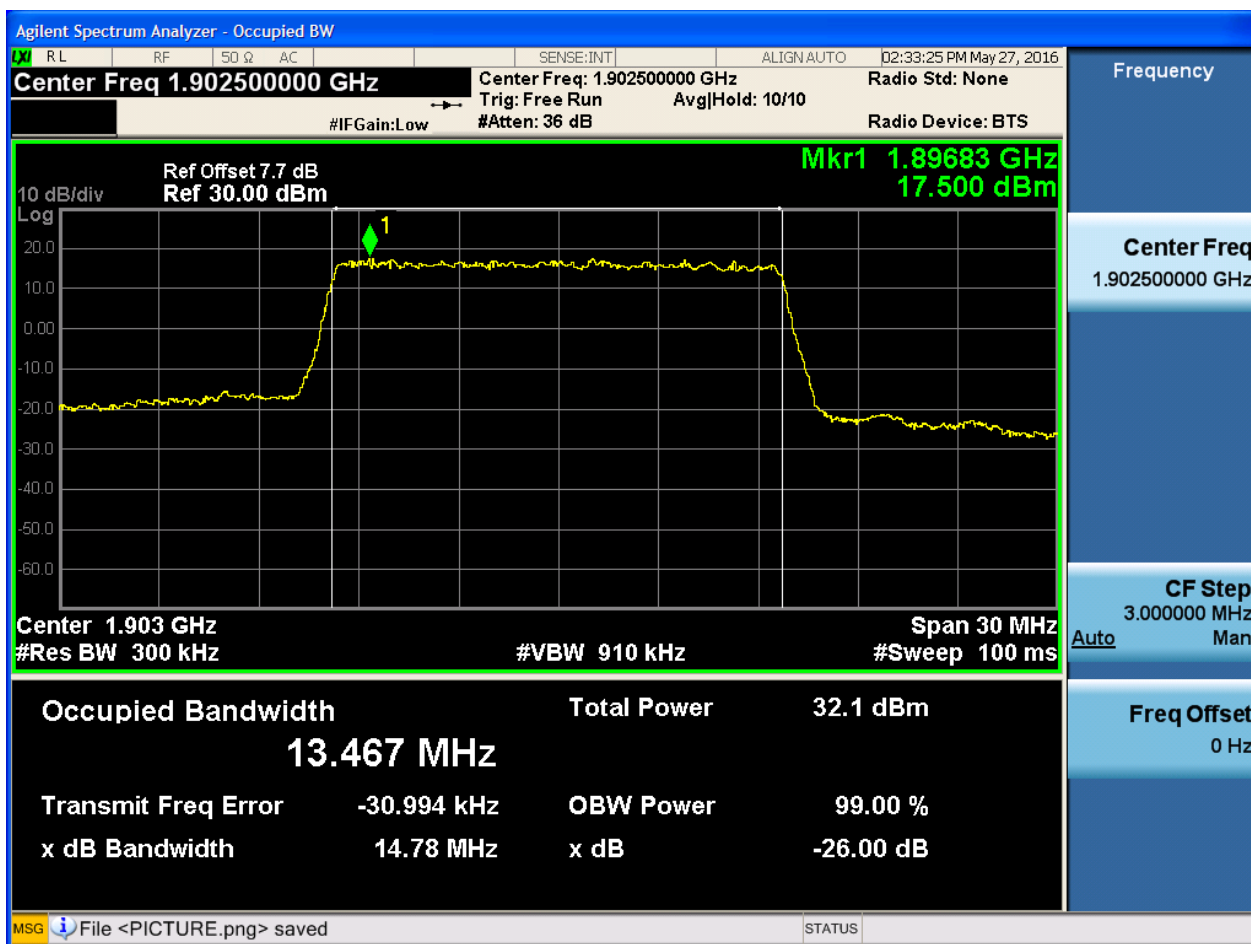
4.1.1.1.5.2 Test Channel = MCH

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

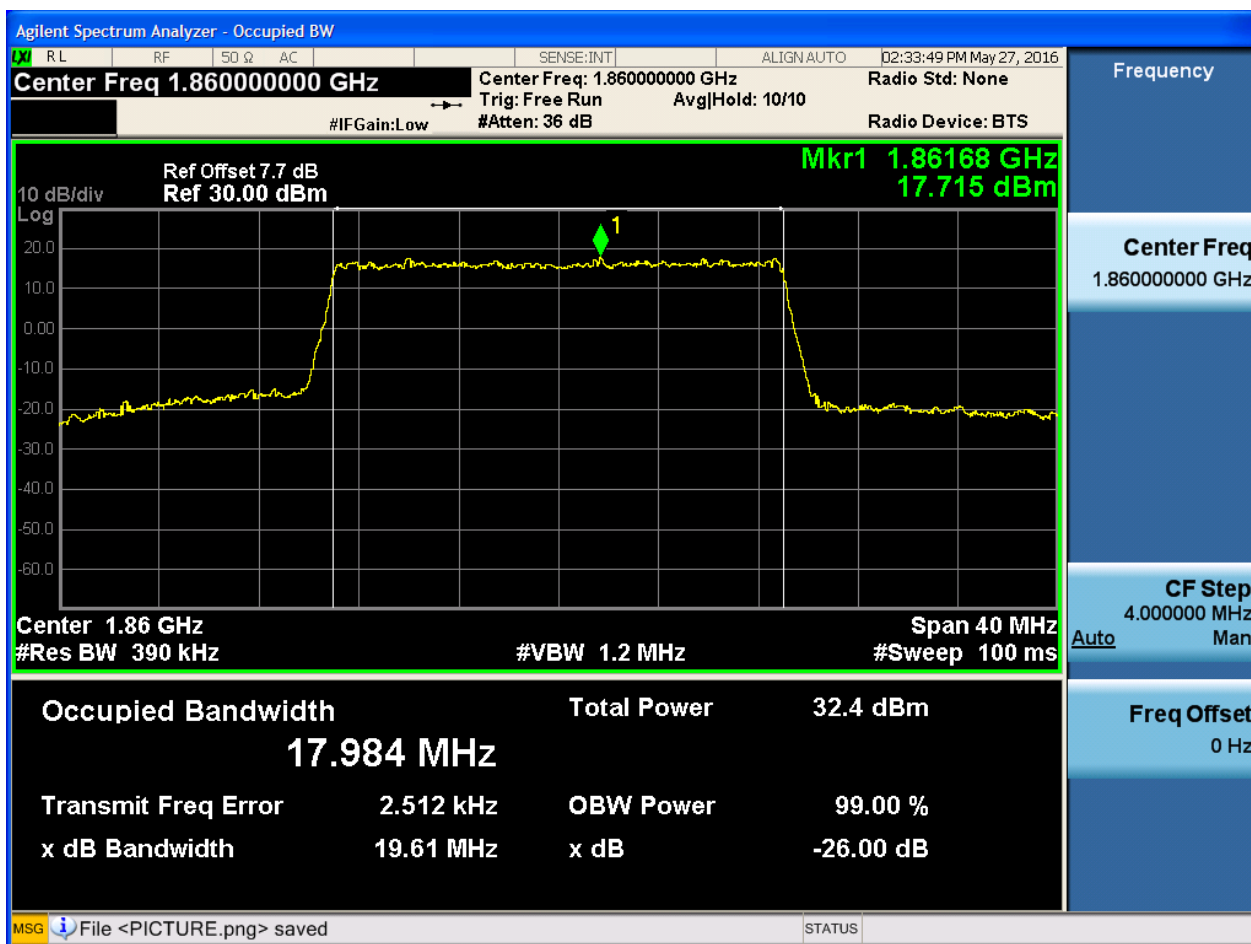




4.1.1.1.6 Test Bandwidth = 20

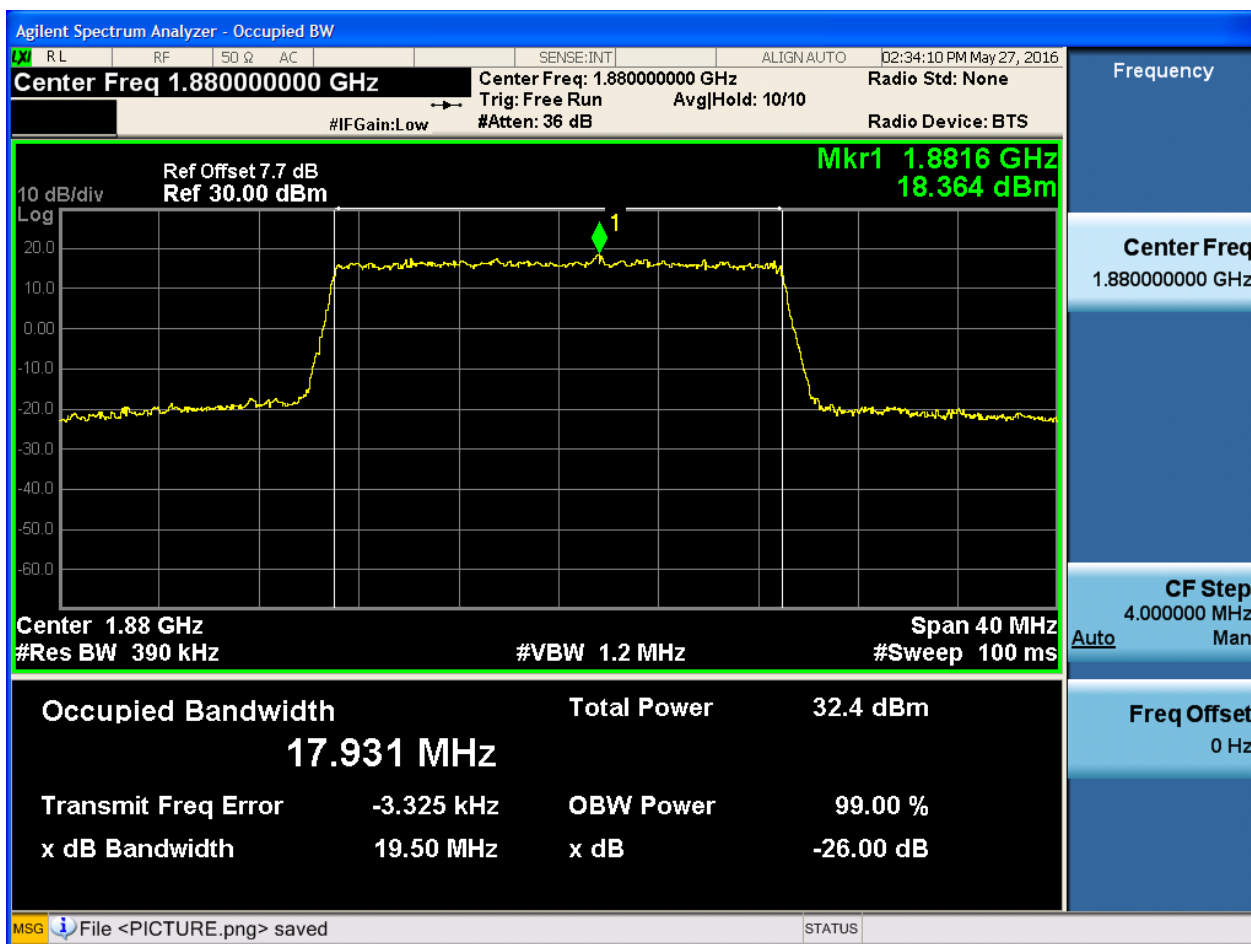
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



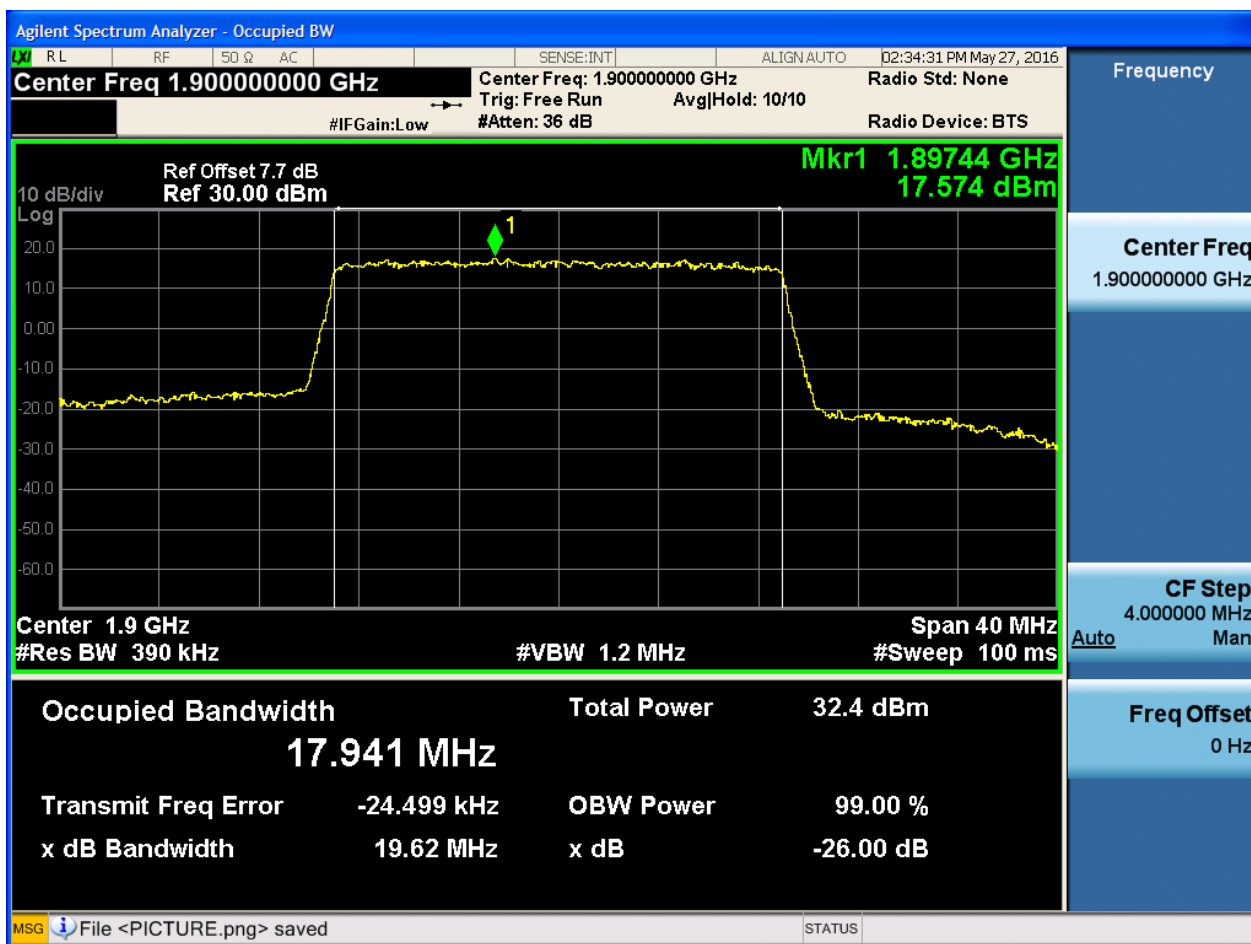
4.1.1.1.6.2 Test Channel = MCH

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



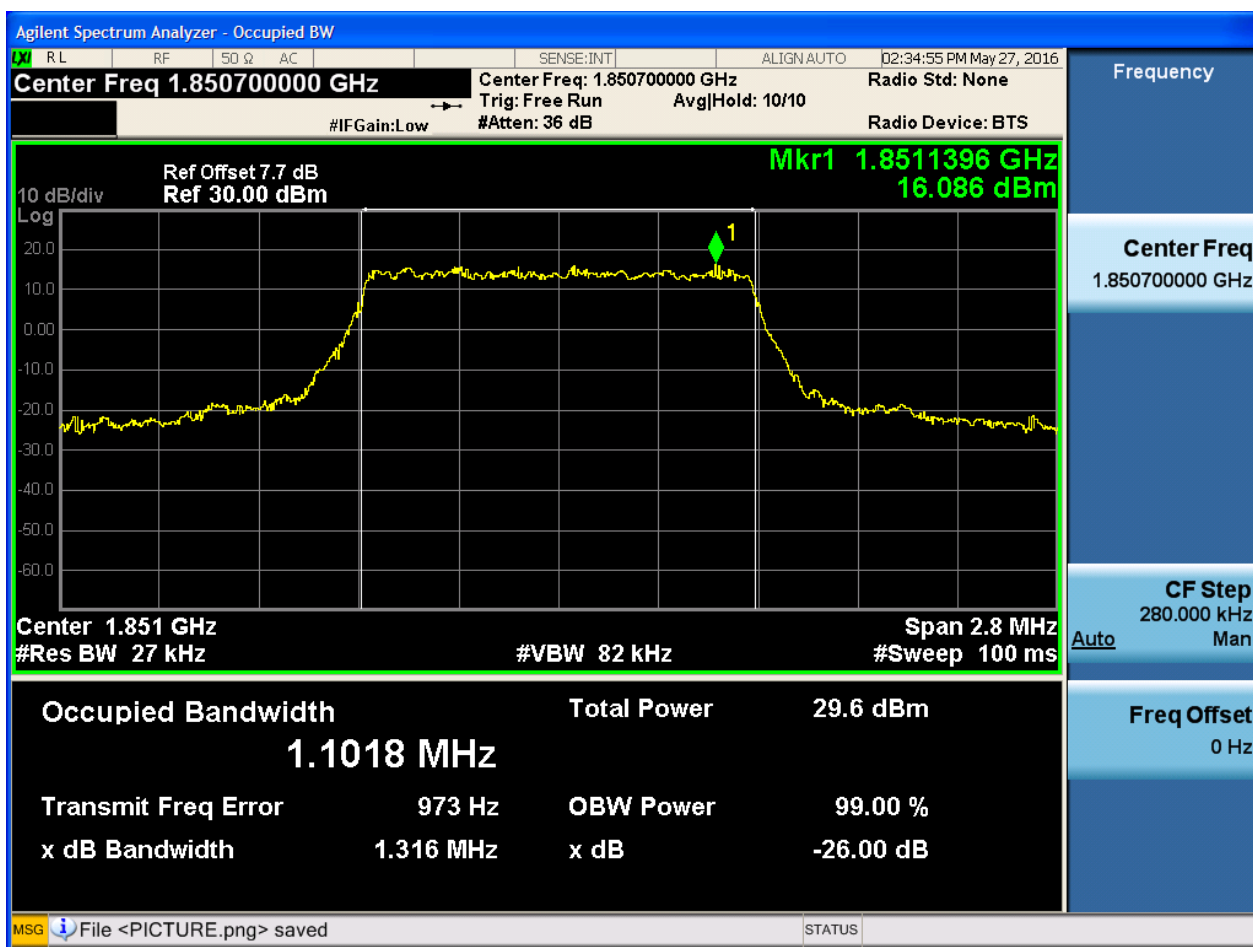


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

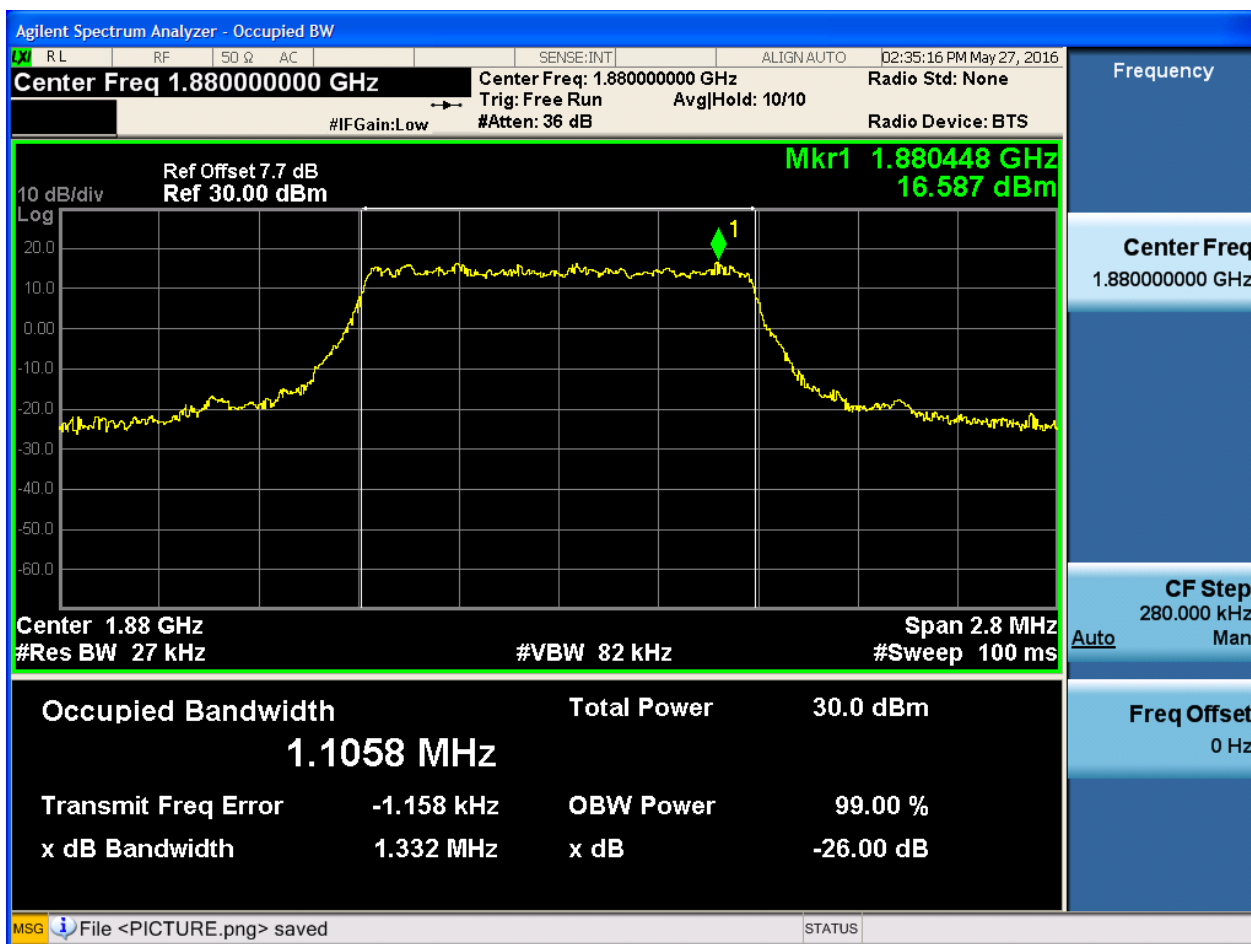
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



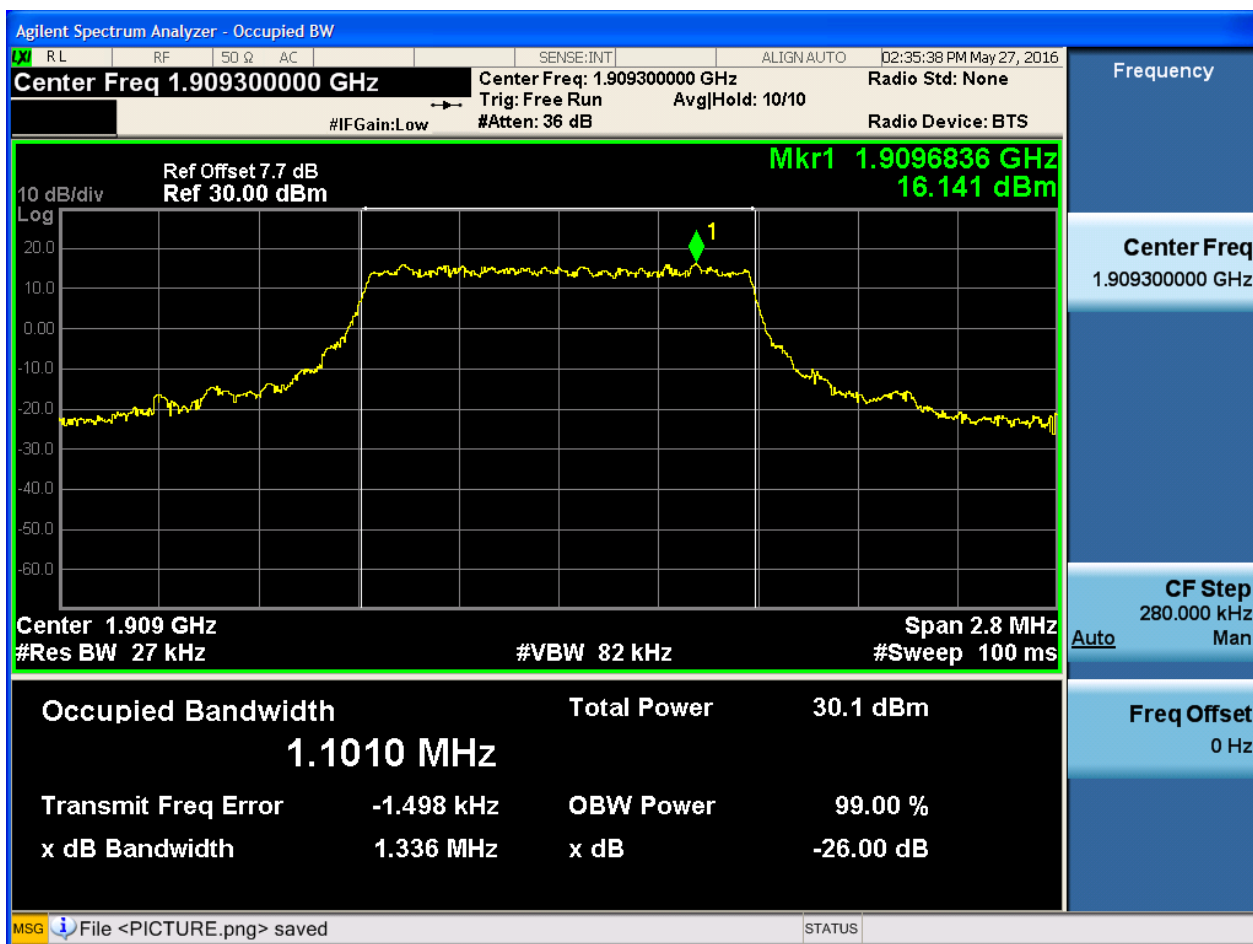
4.1.1.2.1.2 Test Channel = MCH

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

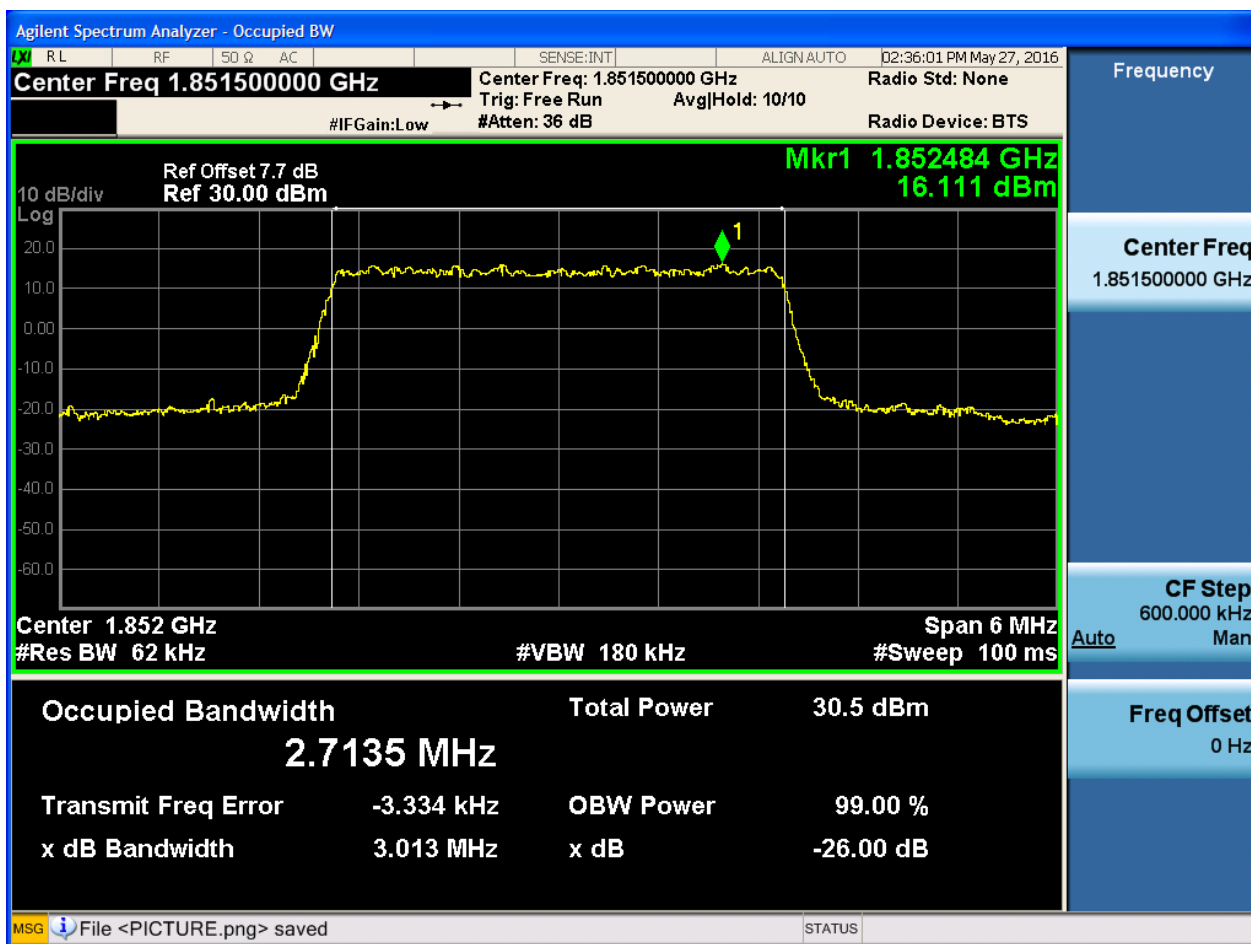




4.1.1.2.2 Test Bandwidth = 3

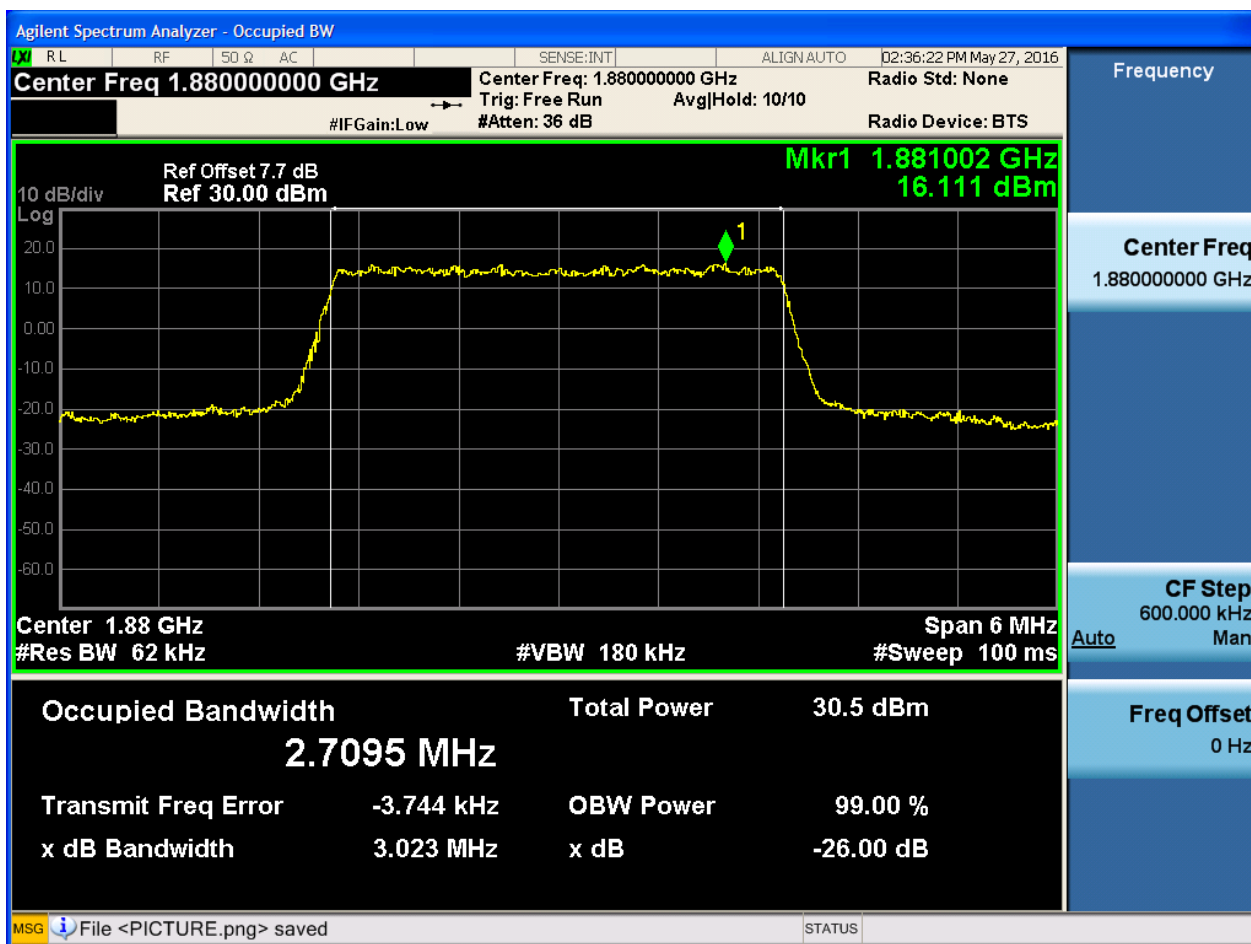
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



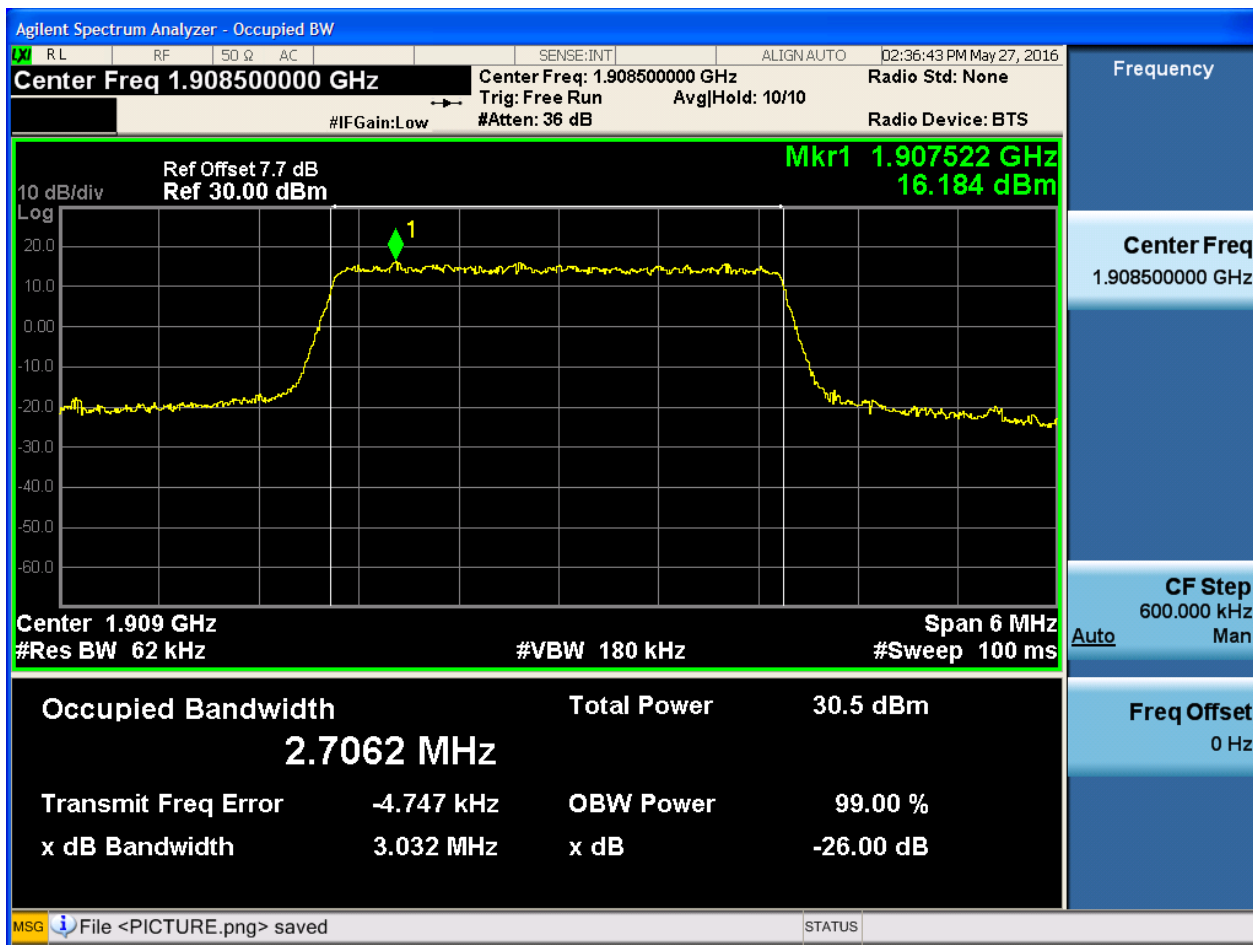
4.1.1.2.2.2 Test Channel = MCH

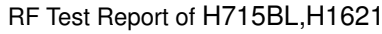
4.1.1.2.2.2.1 Test RB = RB15#0



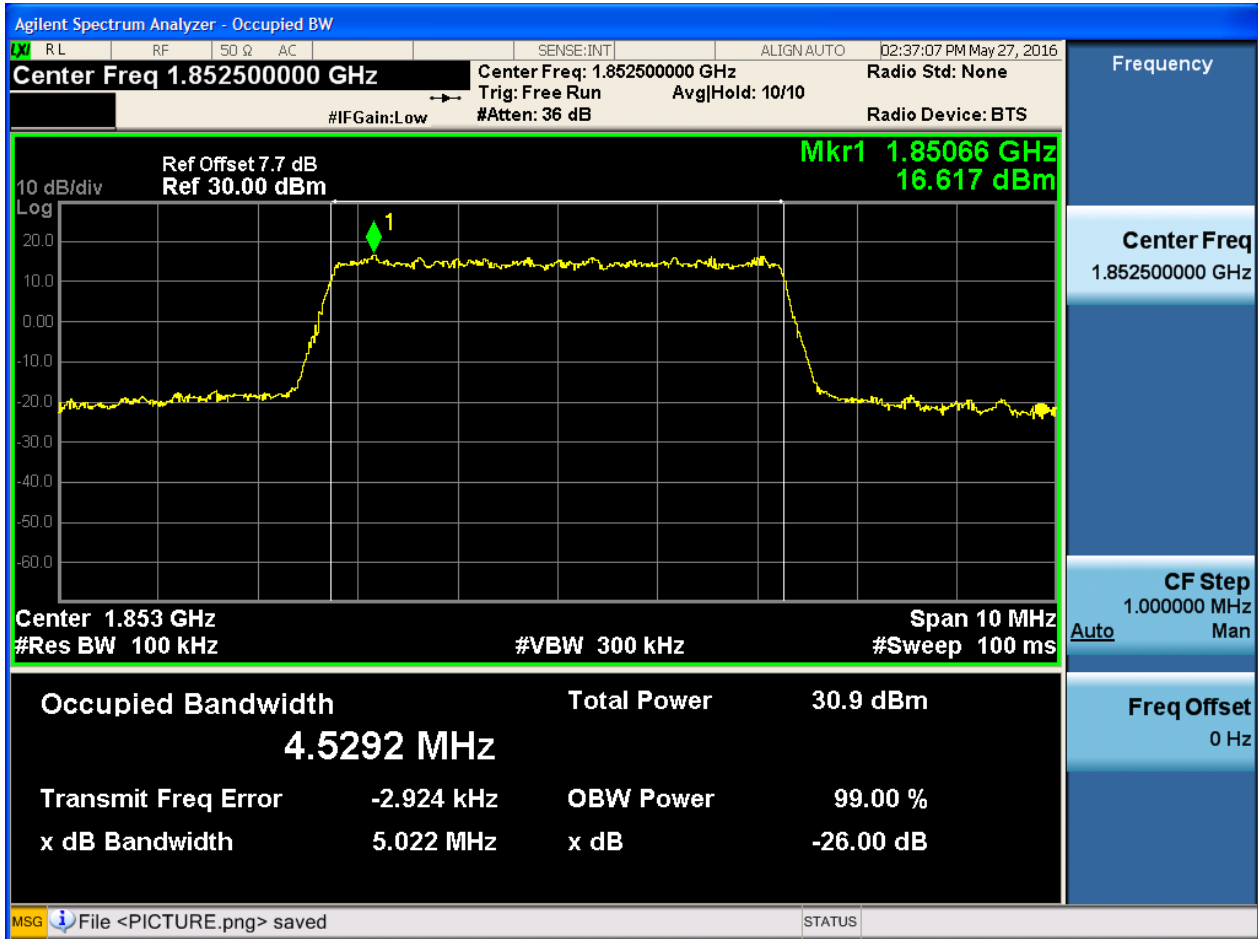
4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0



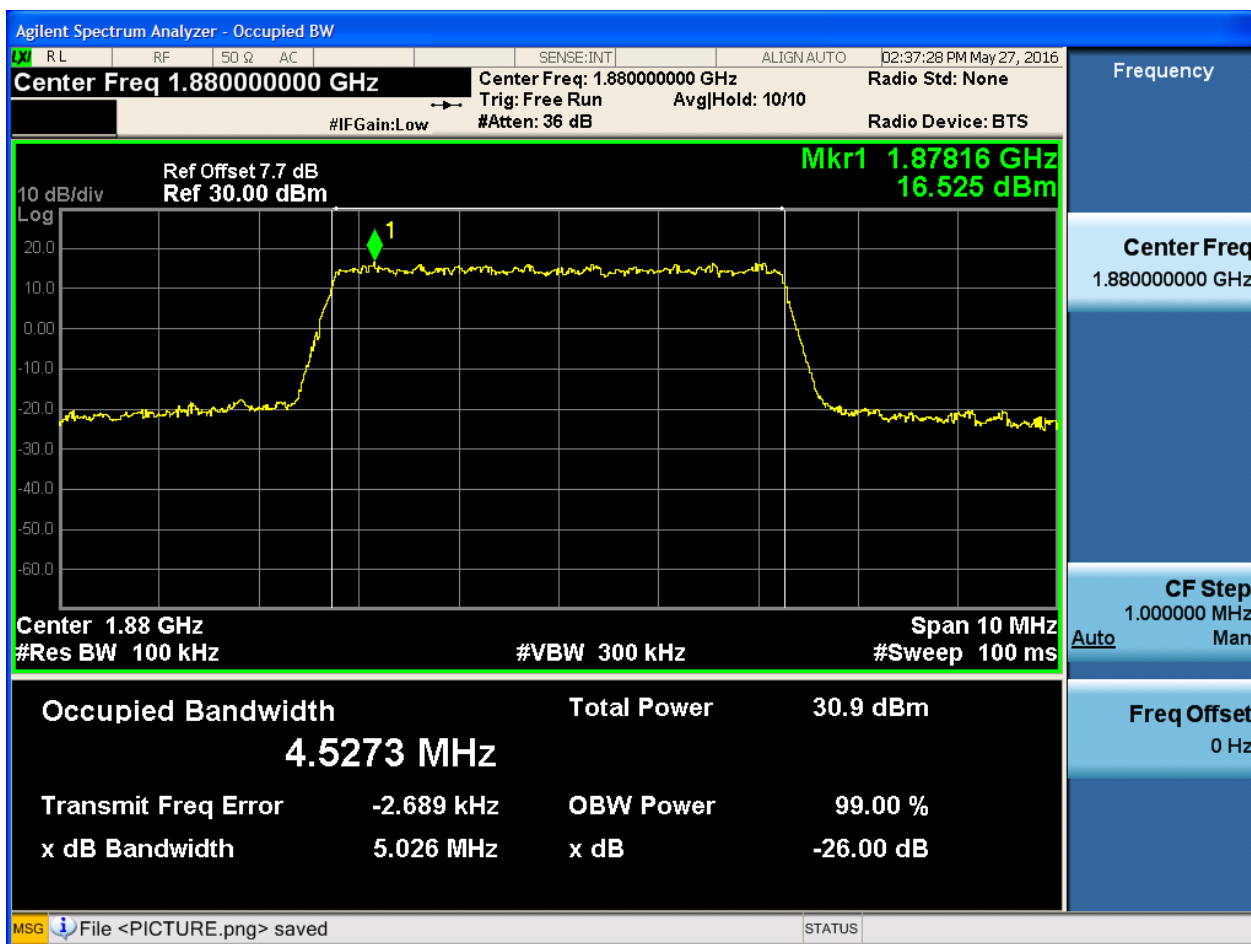


4.1.1.2.3.1.1 Test RB = RB25#0



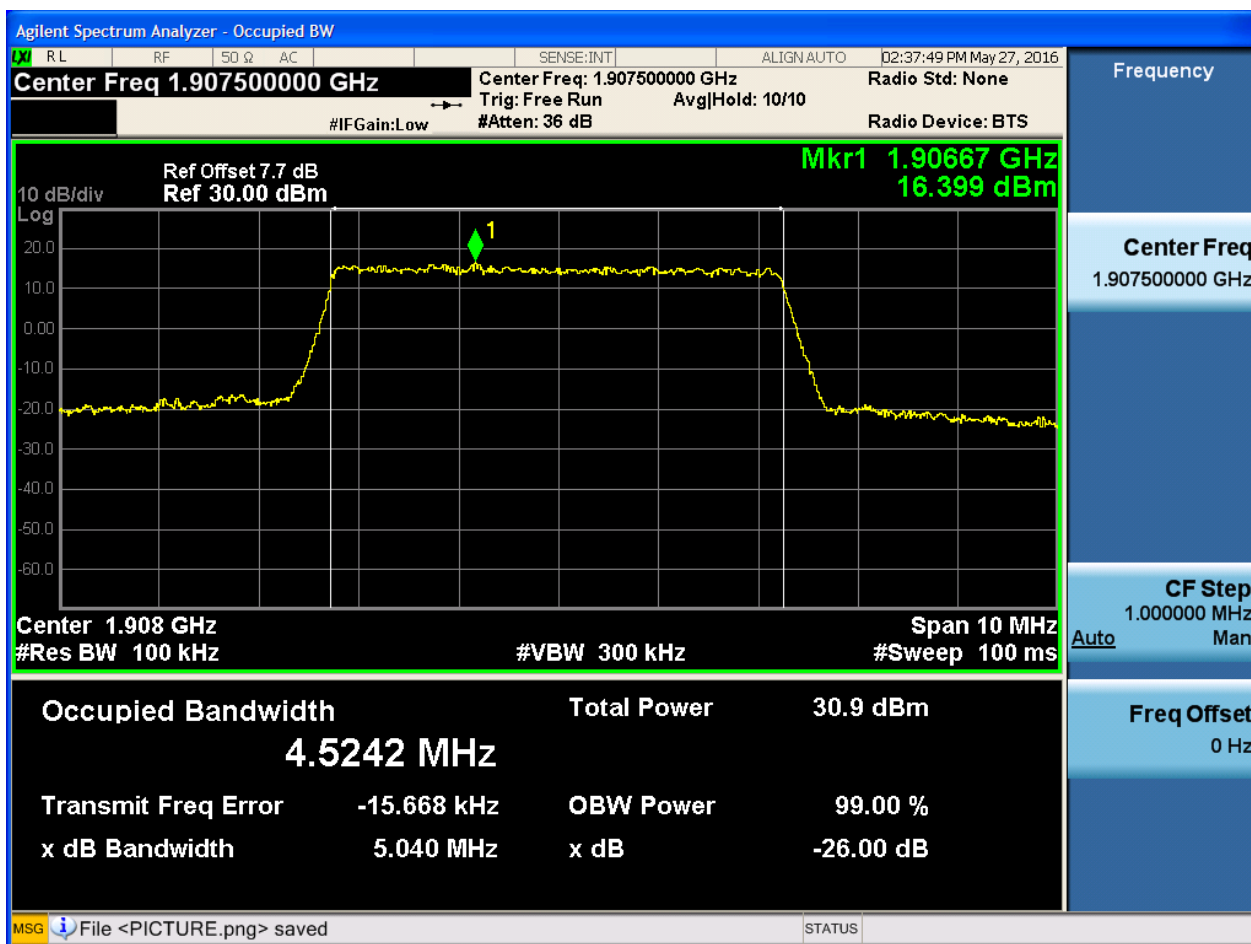
4.1.1.2.3.2 Test Channel = MCH

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

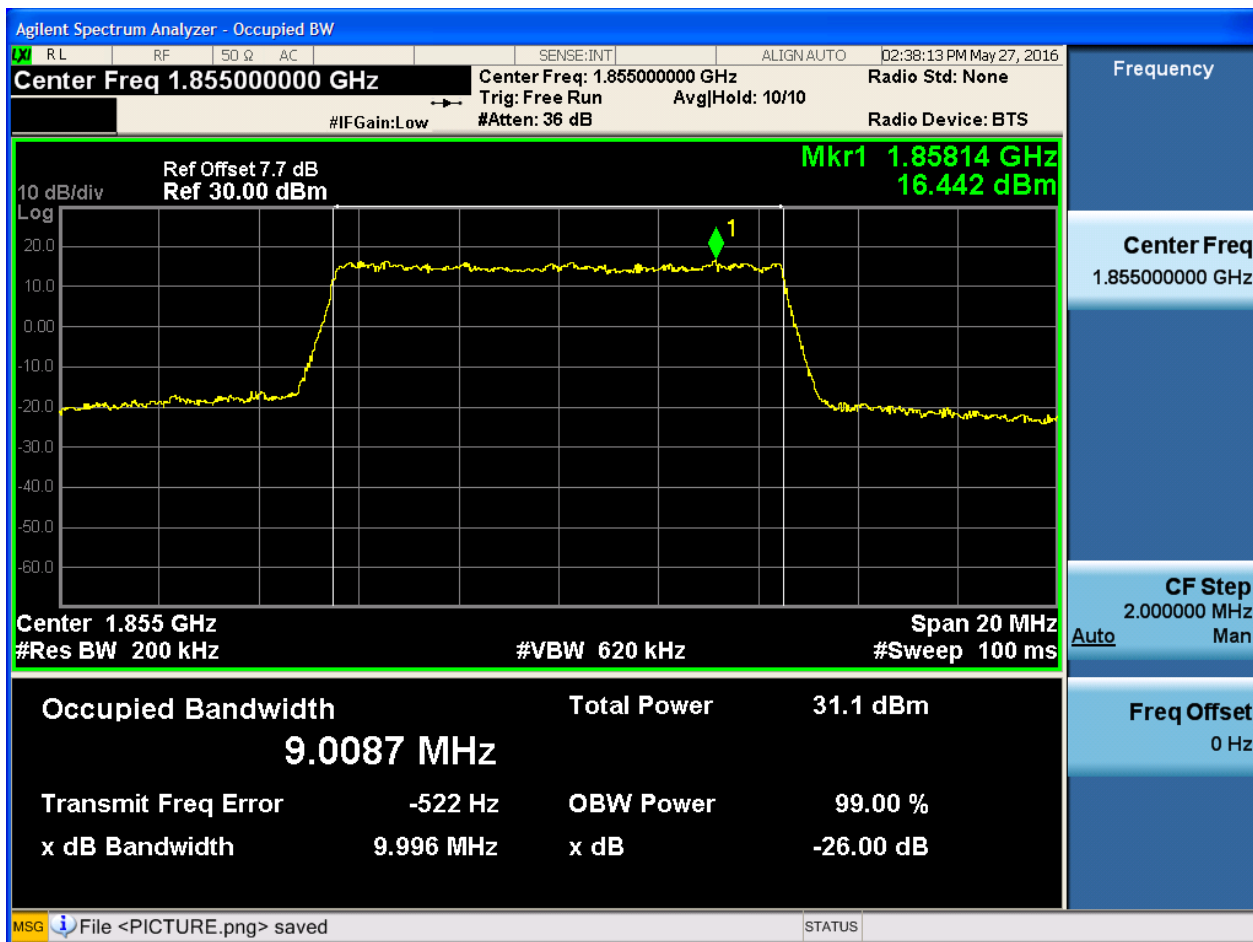




4.1.1.2.4 Test Bandwidth = 10

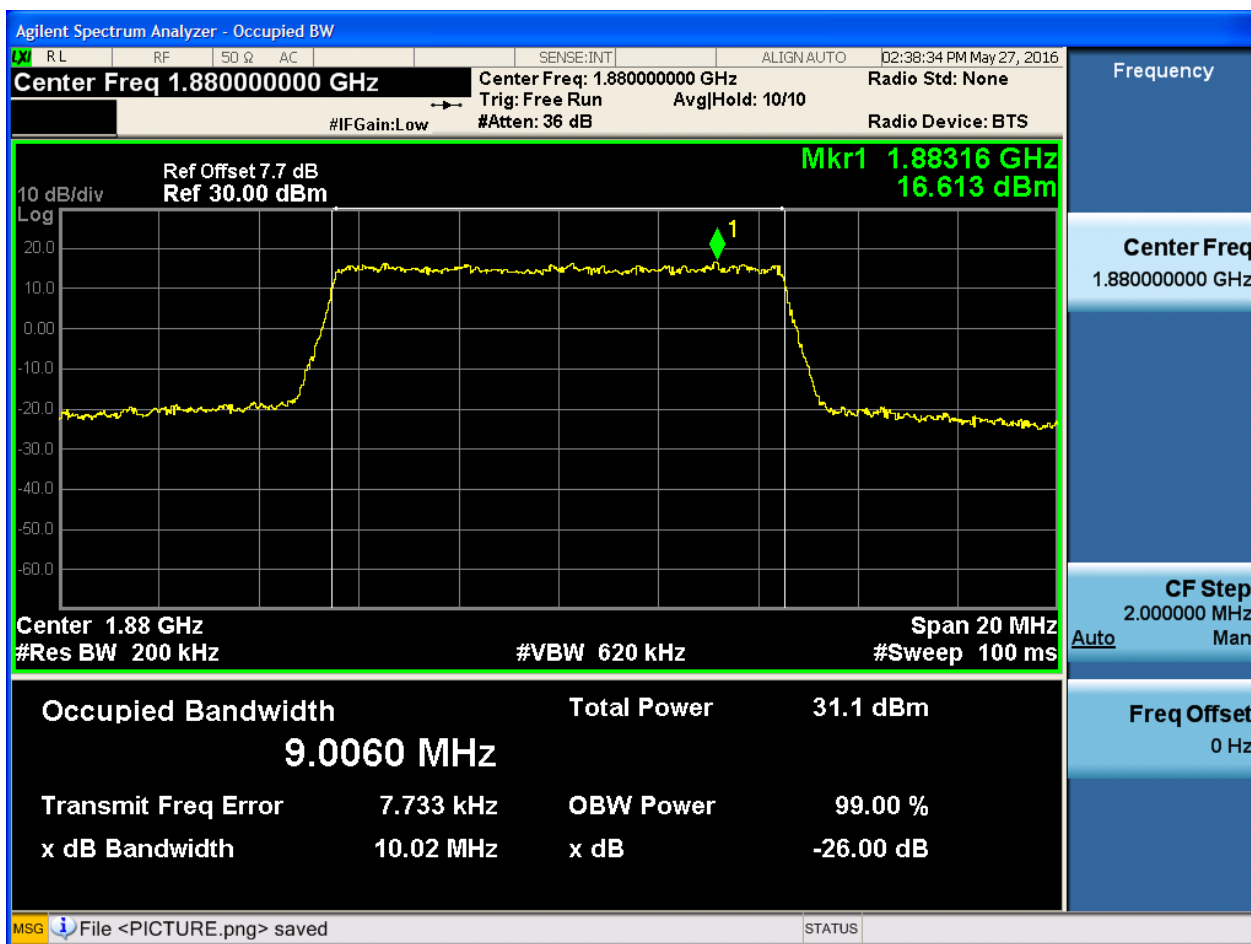
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



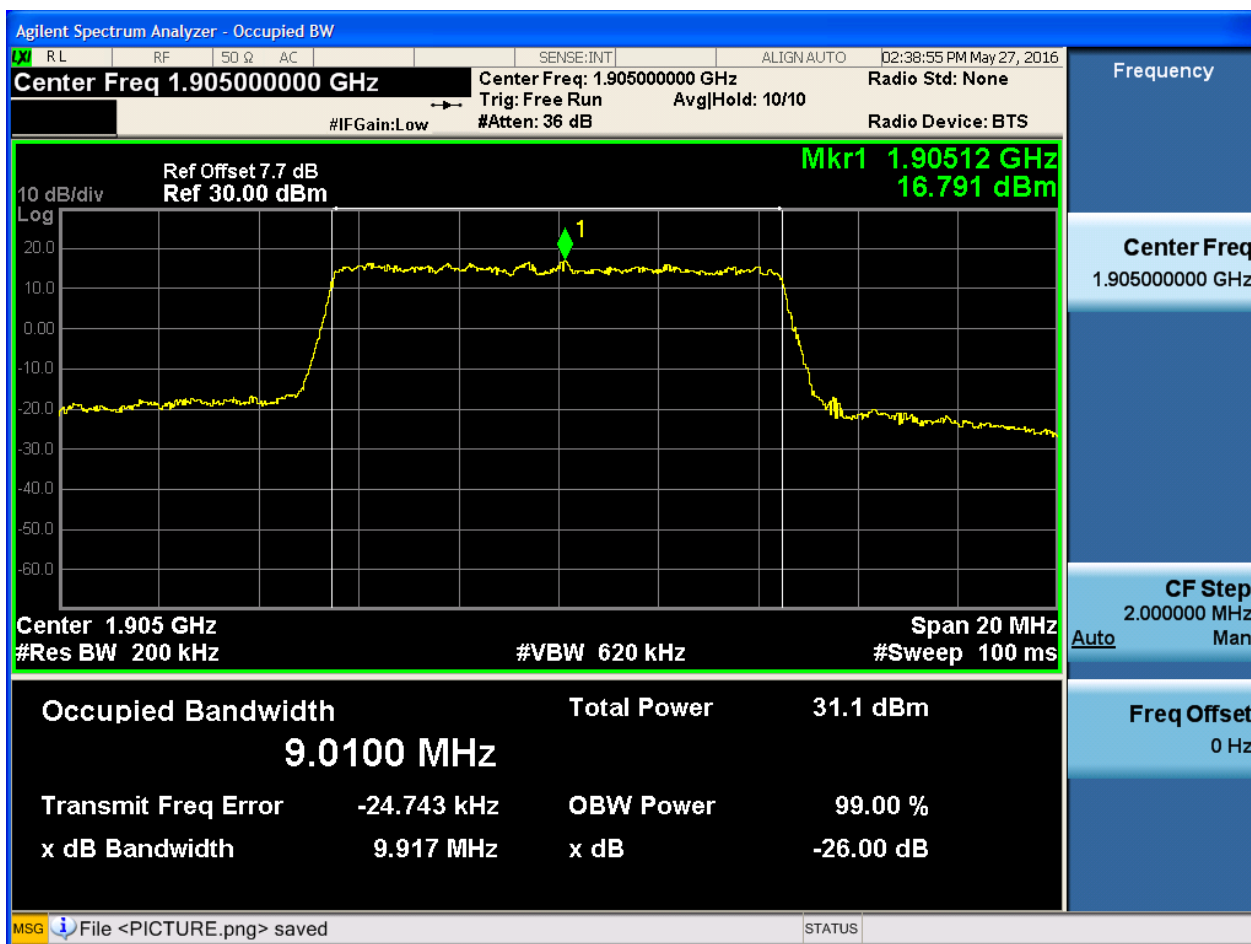
4.1.1.2.4.2 Test Channel = MCH

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

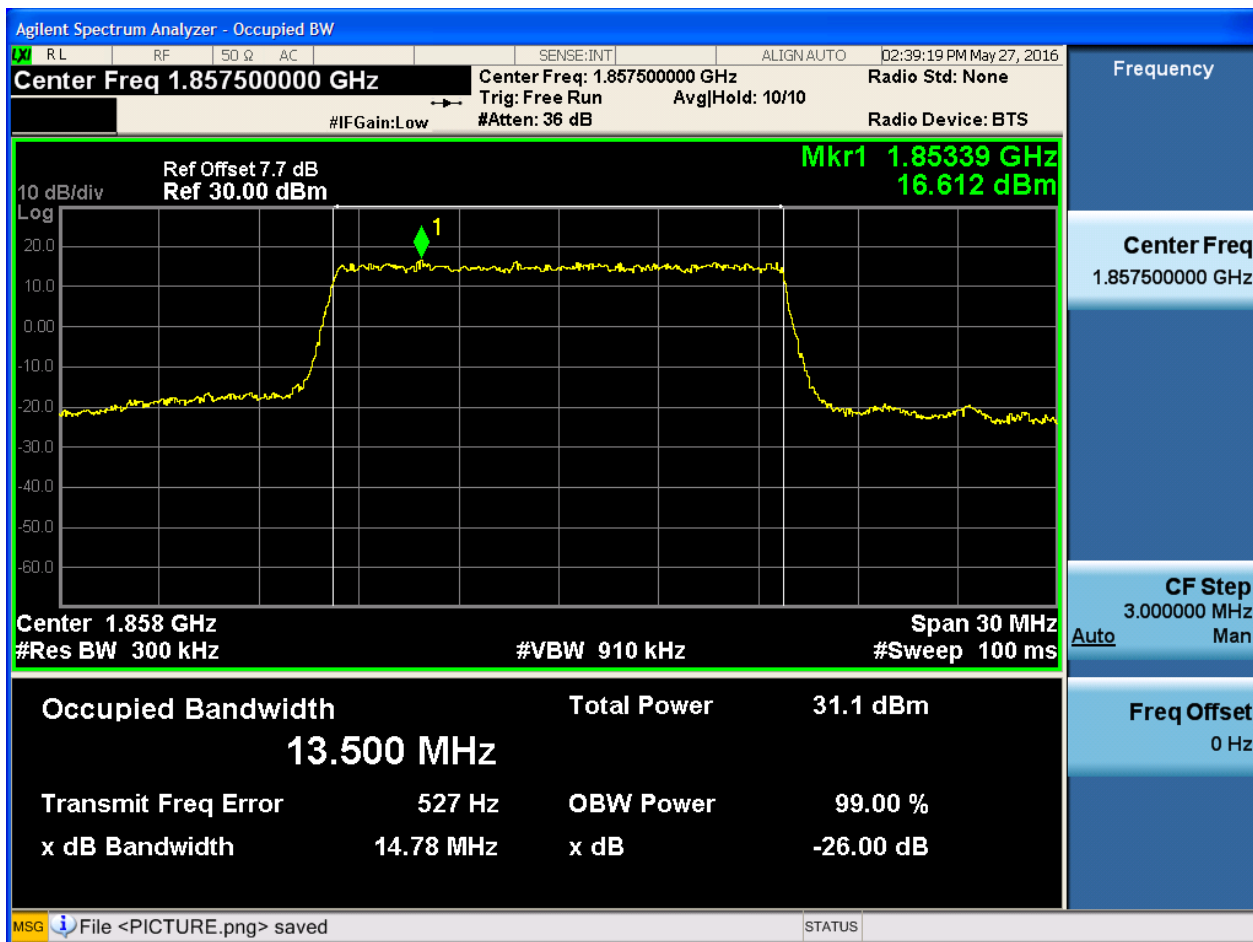




4.1.1.2.5 Test Bandwidth = 15

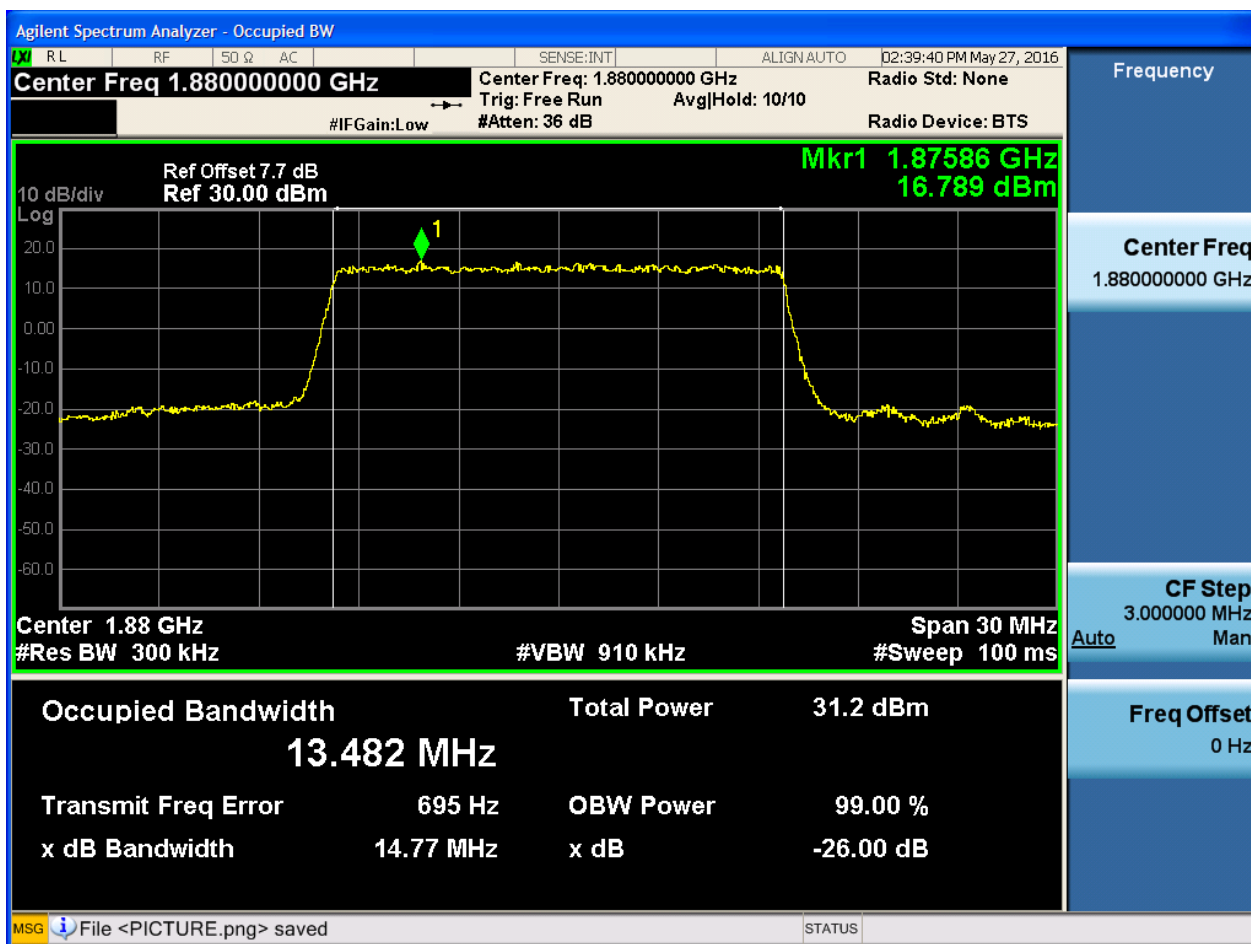
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



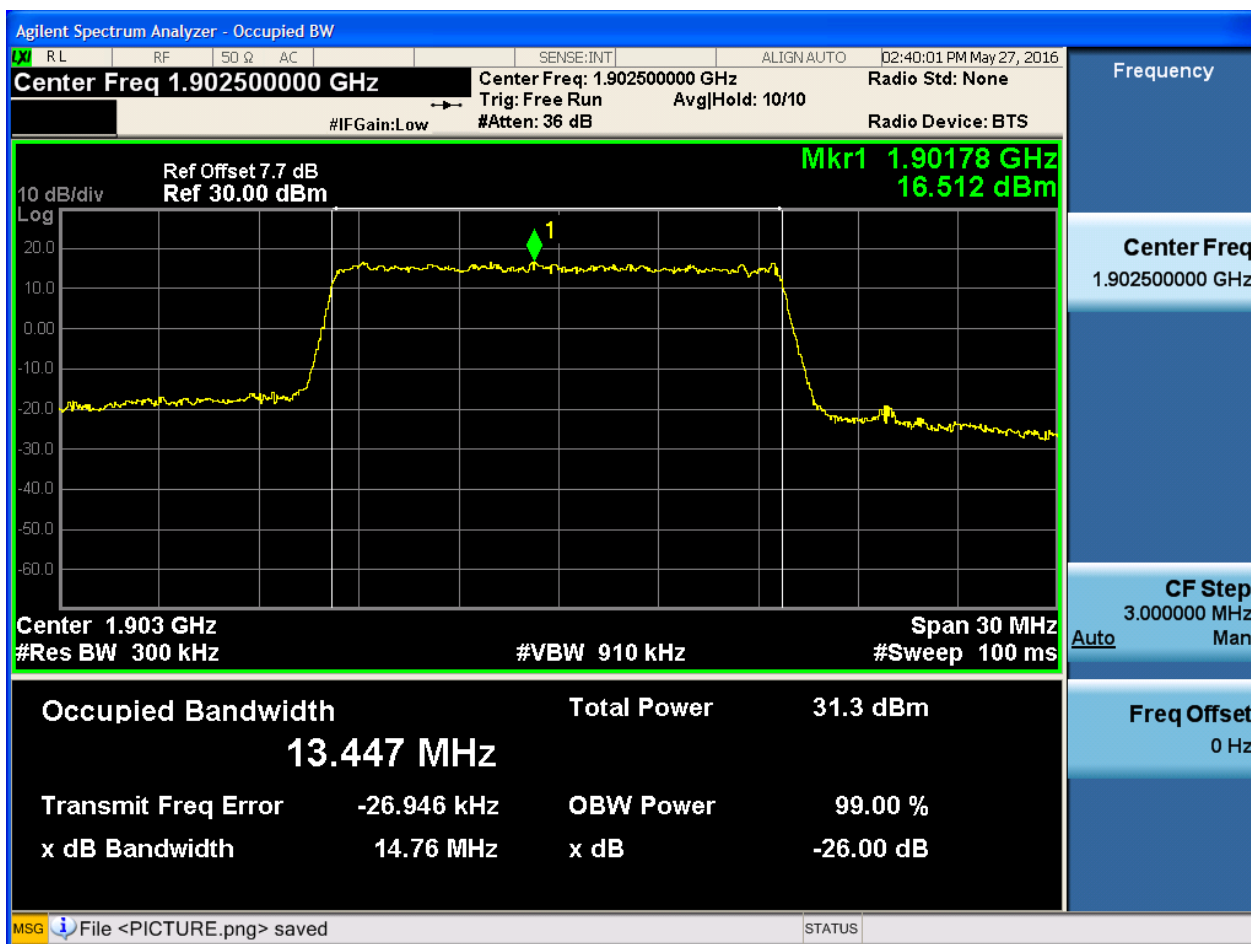
4.1.1.2.5.2 Test Channel = MCH

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

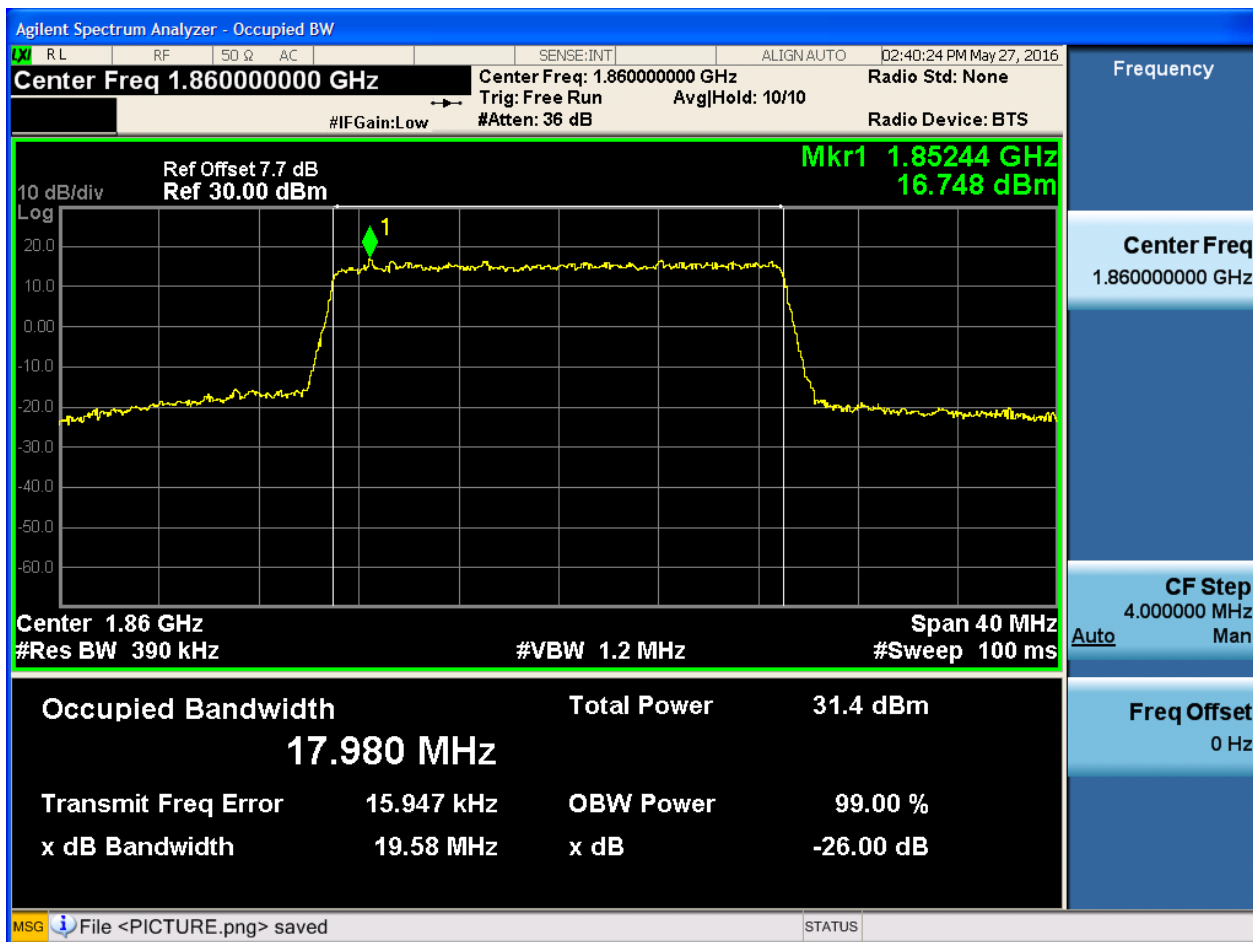




4.1.1.2.6 Test Bandwidth = 20

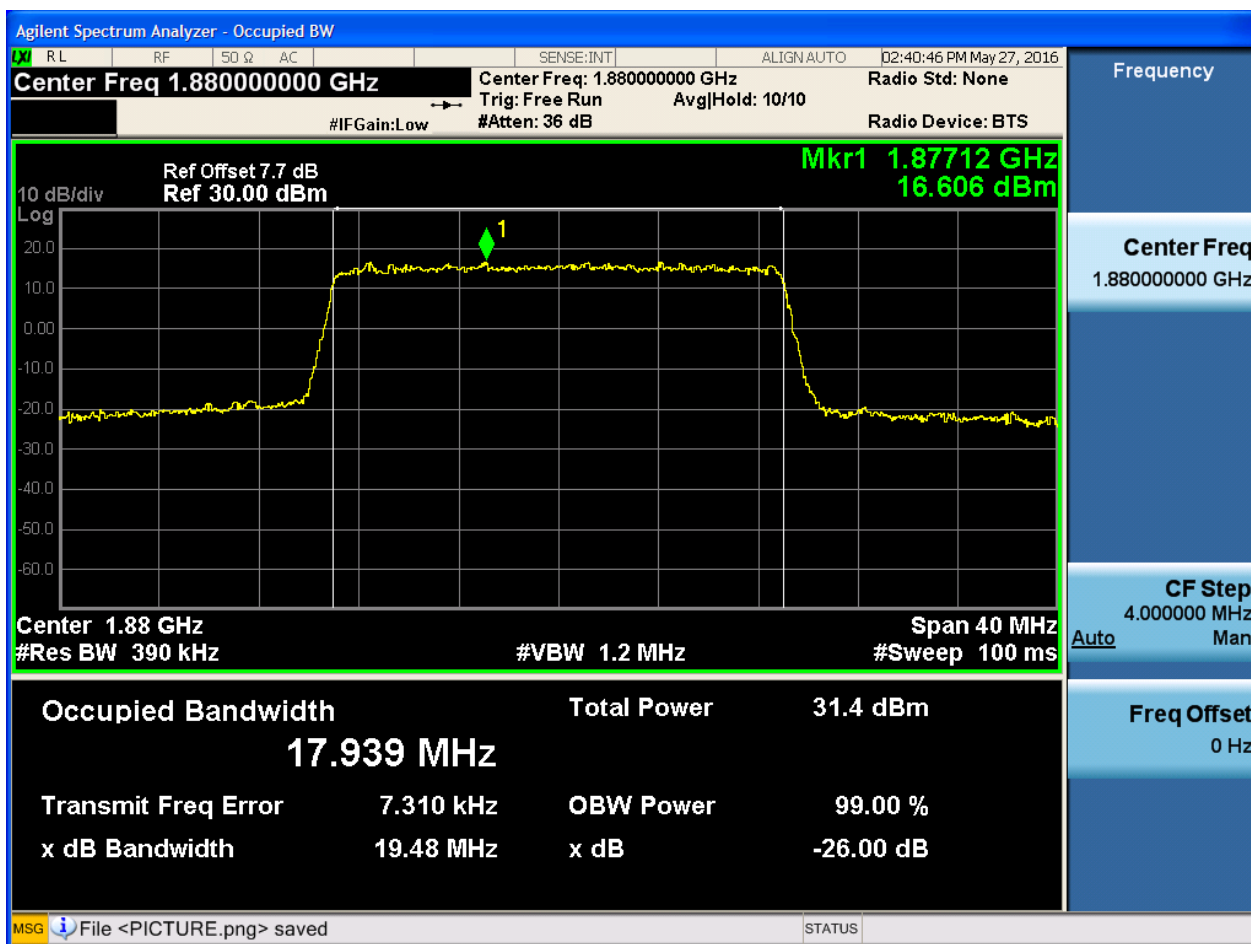
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



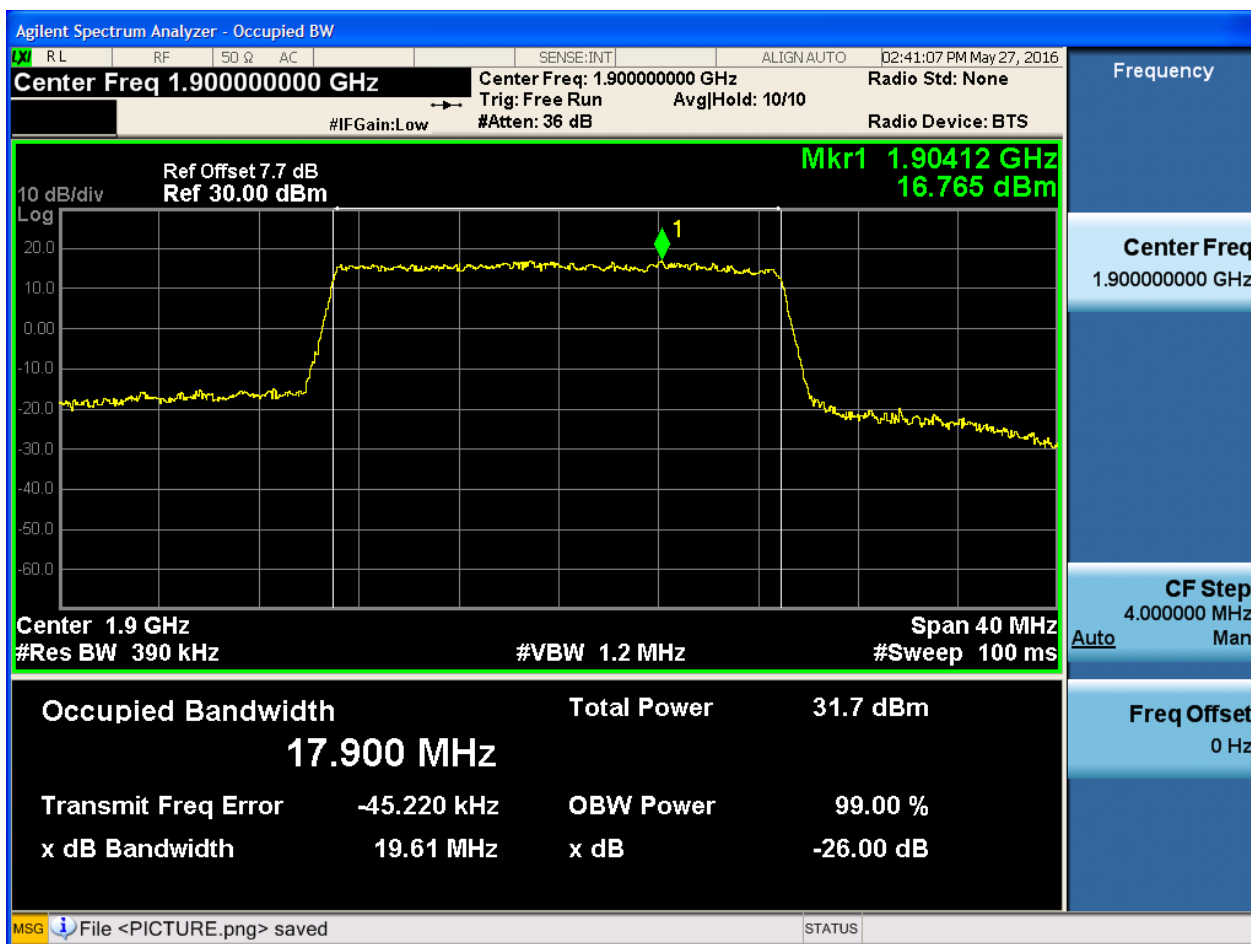
4.1.1.2.6.2 Test Channel = MCH

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

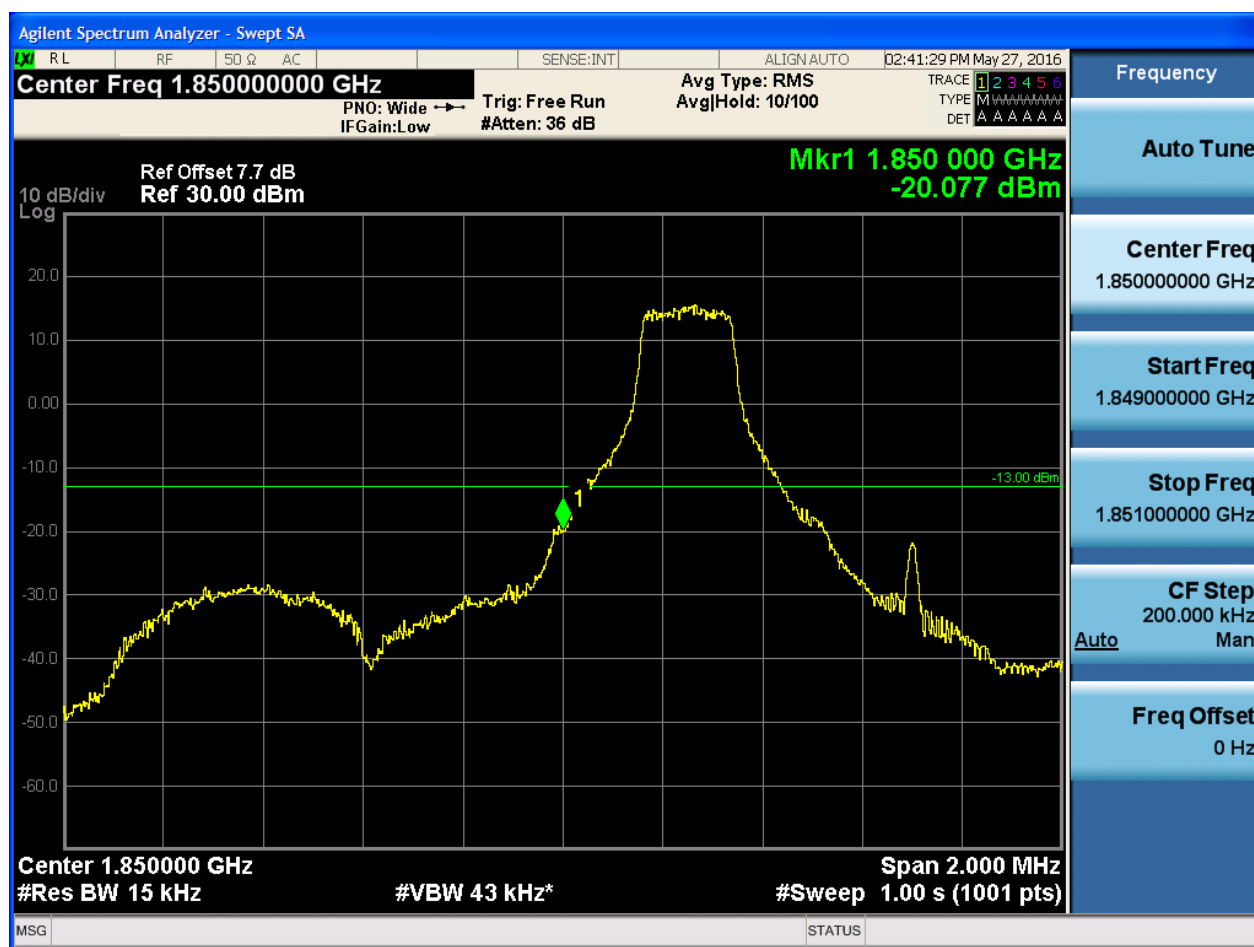
5.1.1 Test Band = BAND2

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





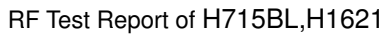
5.1.1.1.1.3 Test RB = RB3#2



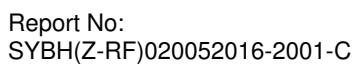


5.1.1.1.1.4 Test RB = RB6#0



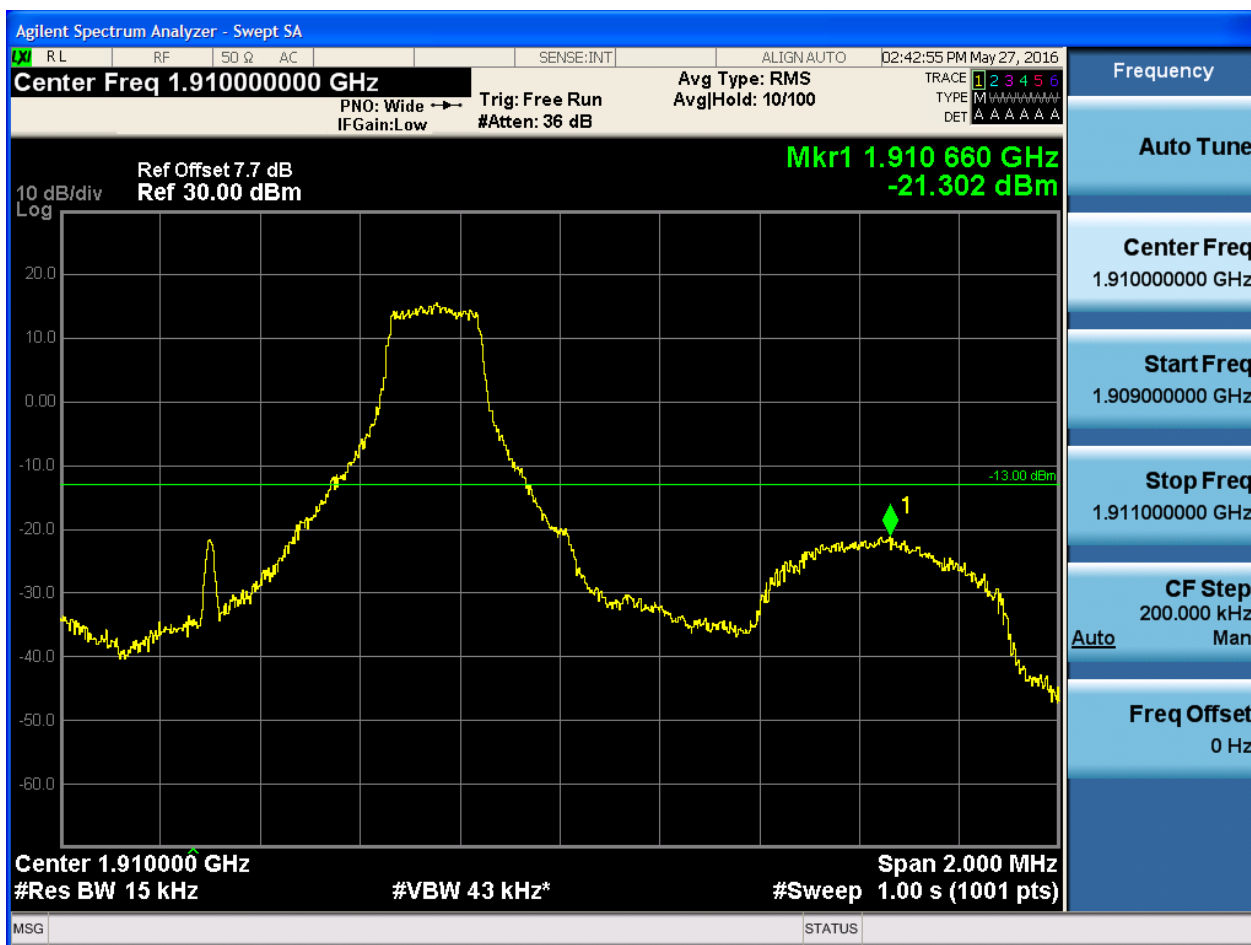


5.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





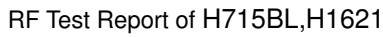
5.1.1.1.2.3 Test RB = RB3#2



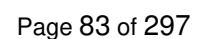


5.1.1.1.2.4 Test RB = RB6#0



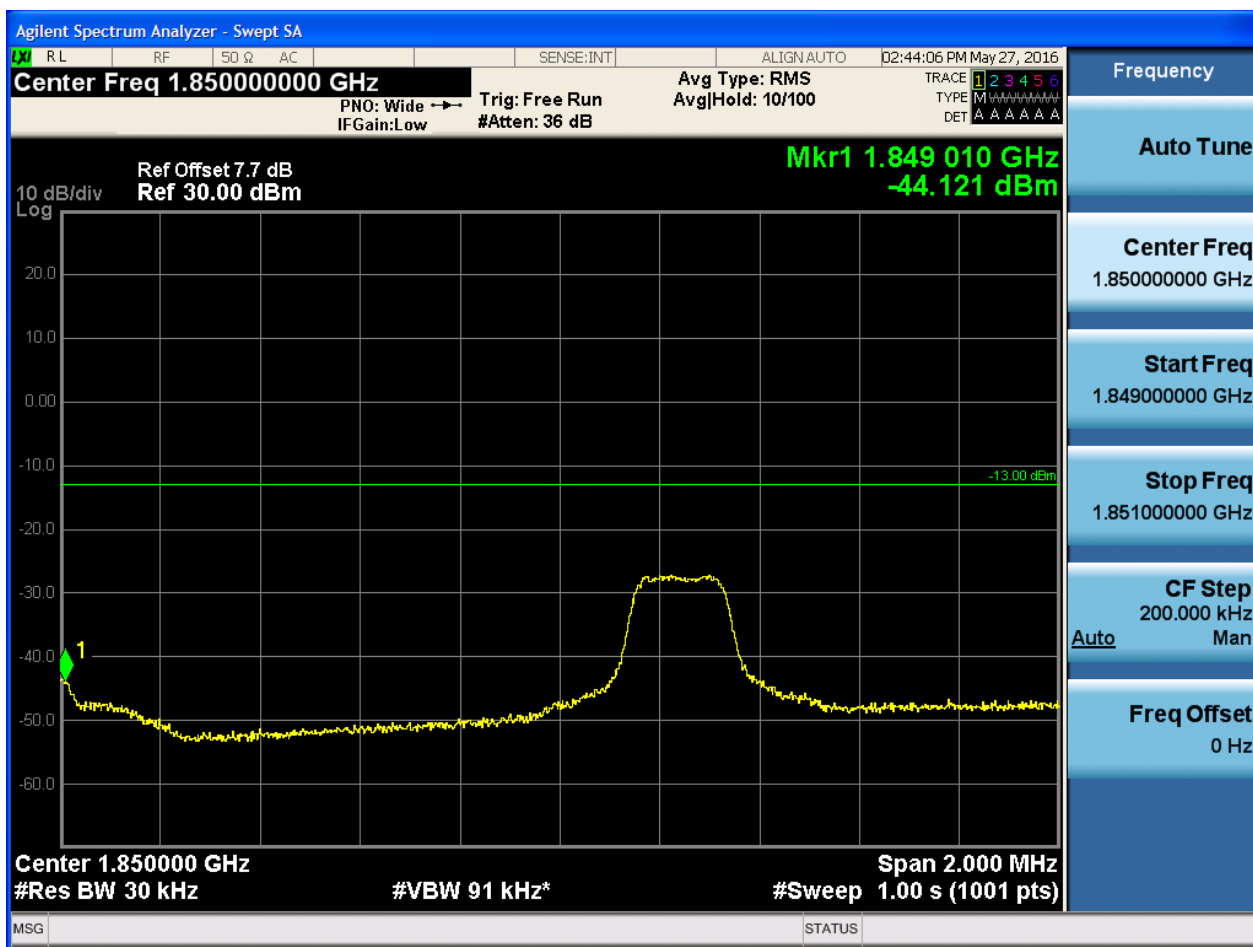


5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



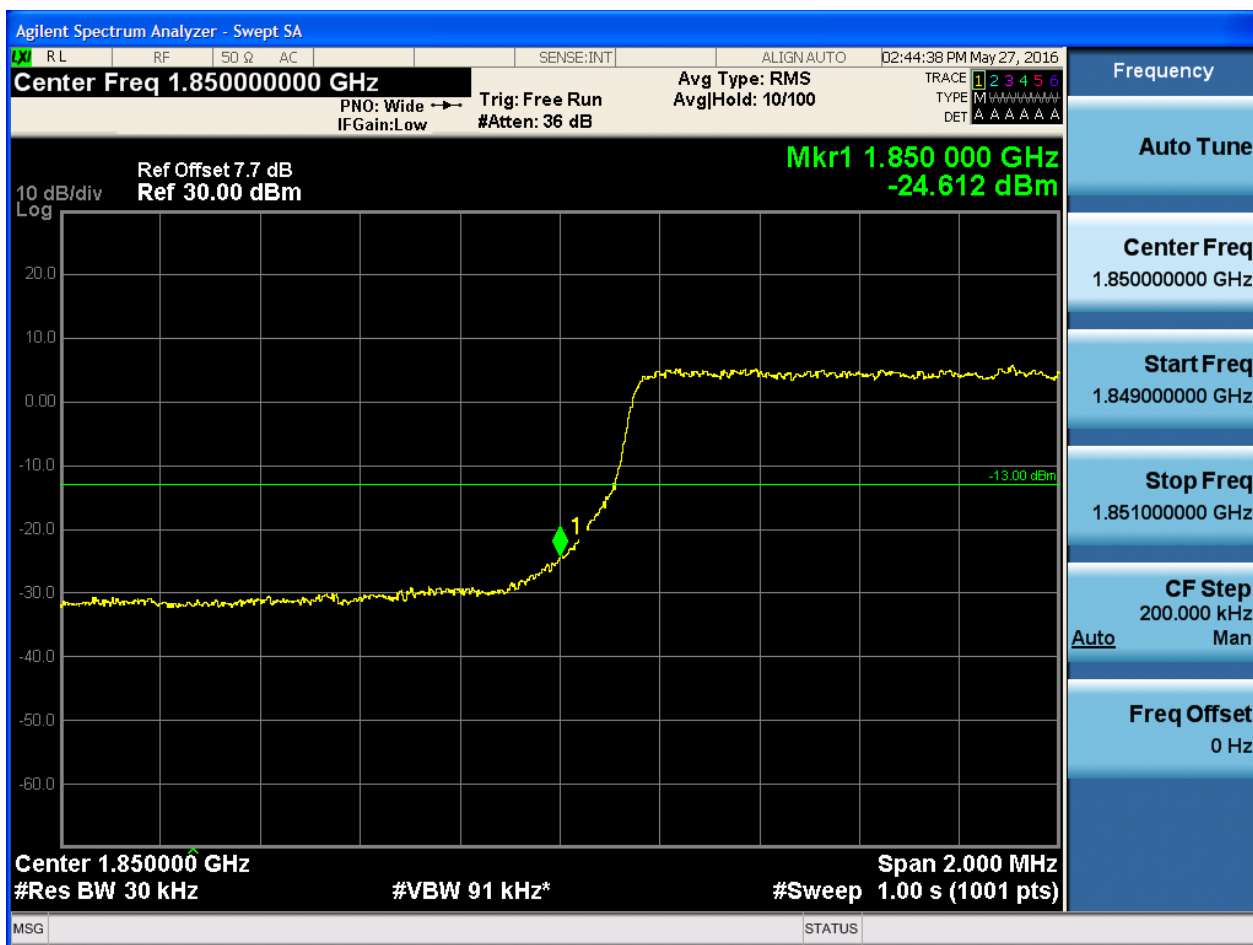


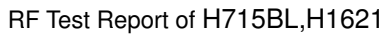
5.1.1.1.2.1.3 Test RB = RB8#4



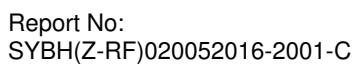


5.1.1.1.2.1.4 Test RB = RB15#0



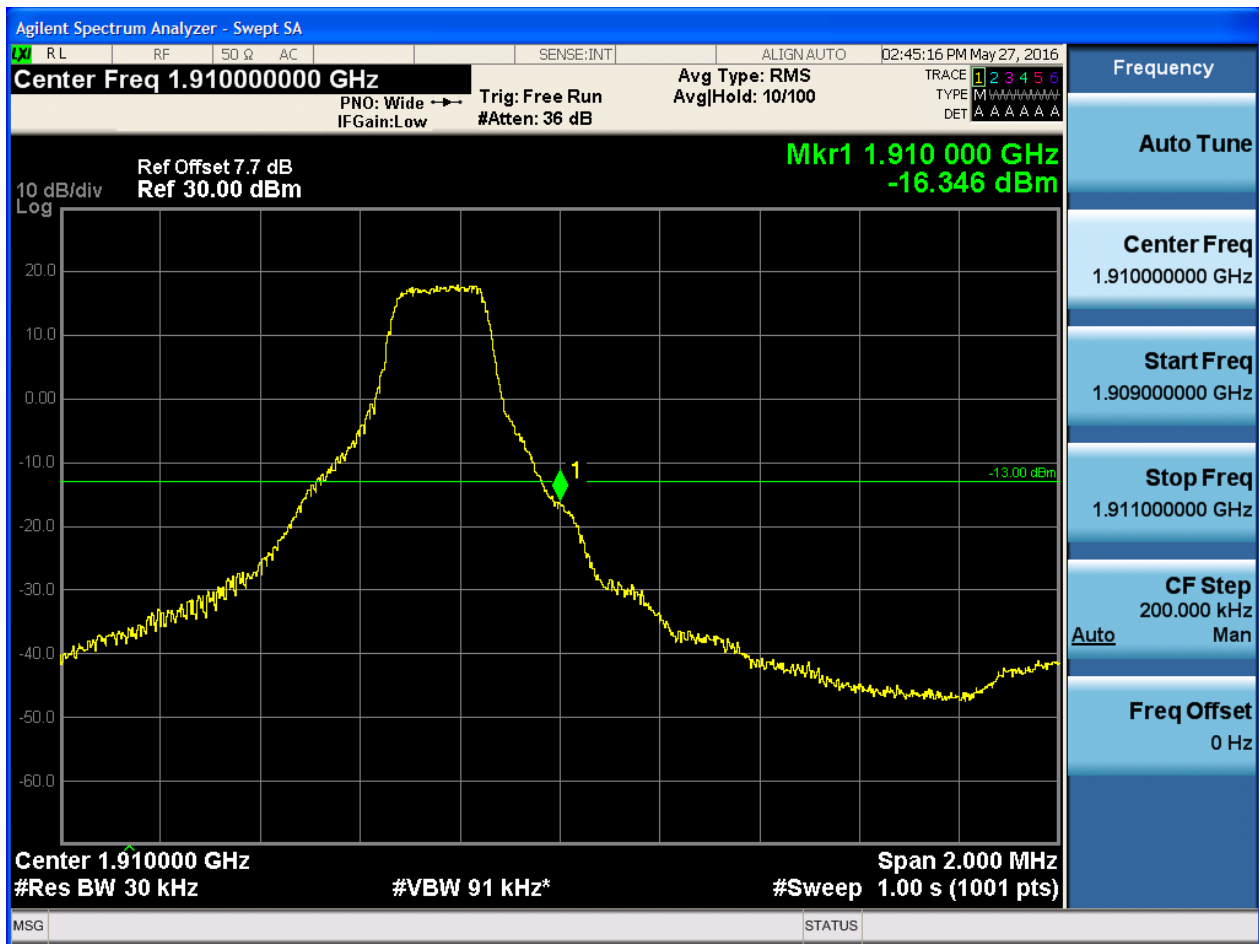


5.1.1.1.2.2.1 Test RB = RB1#0





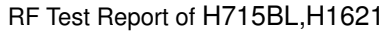
5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 GHz
-23.142 dBm

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 10/100

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Auto Tune

Center Freq
1.91000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

Center 1.910000 GHz
#Res BW 30 kHz

#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

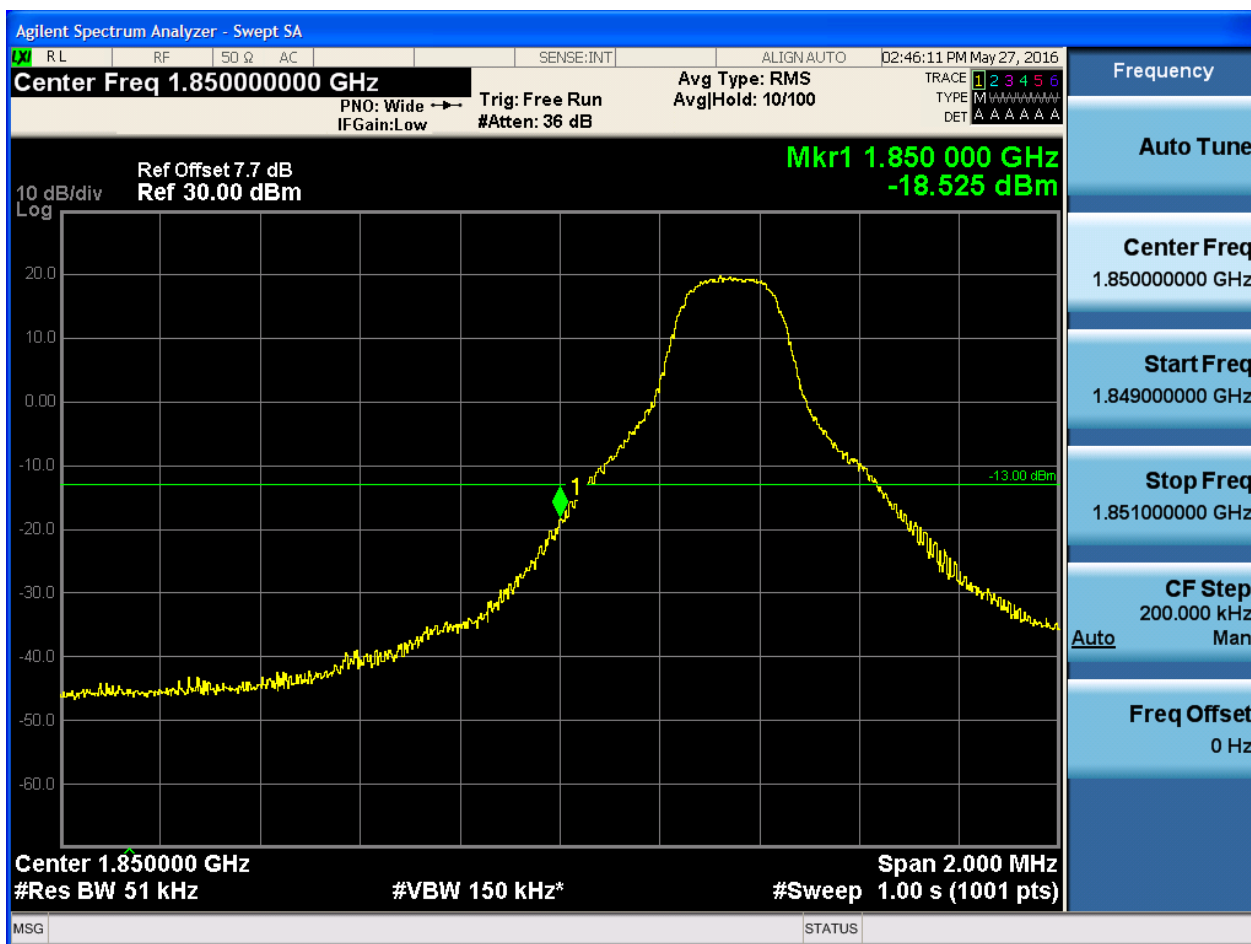
MSG STATUS



5.1.1.1.3 Test Bandwidth = 5

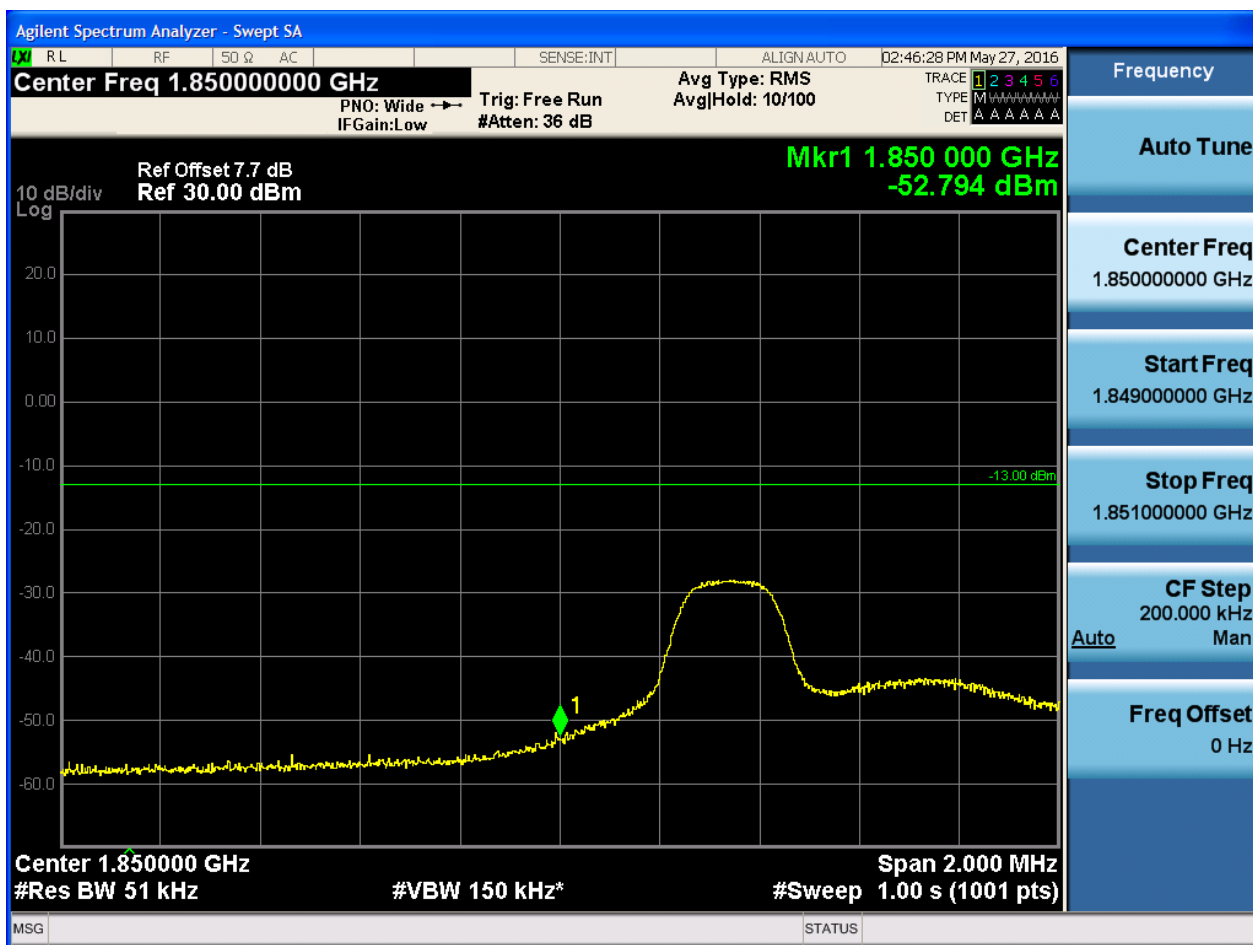
5.1.1.1.3.1 Test Channel = LCH

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





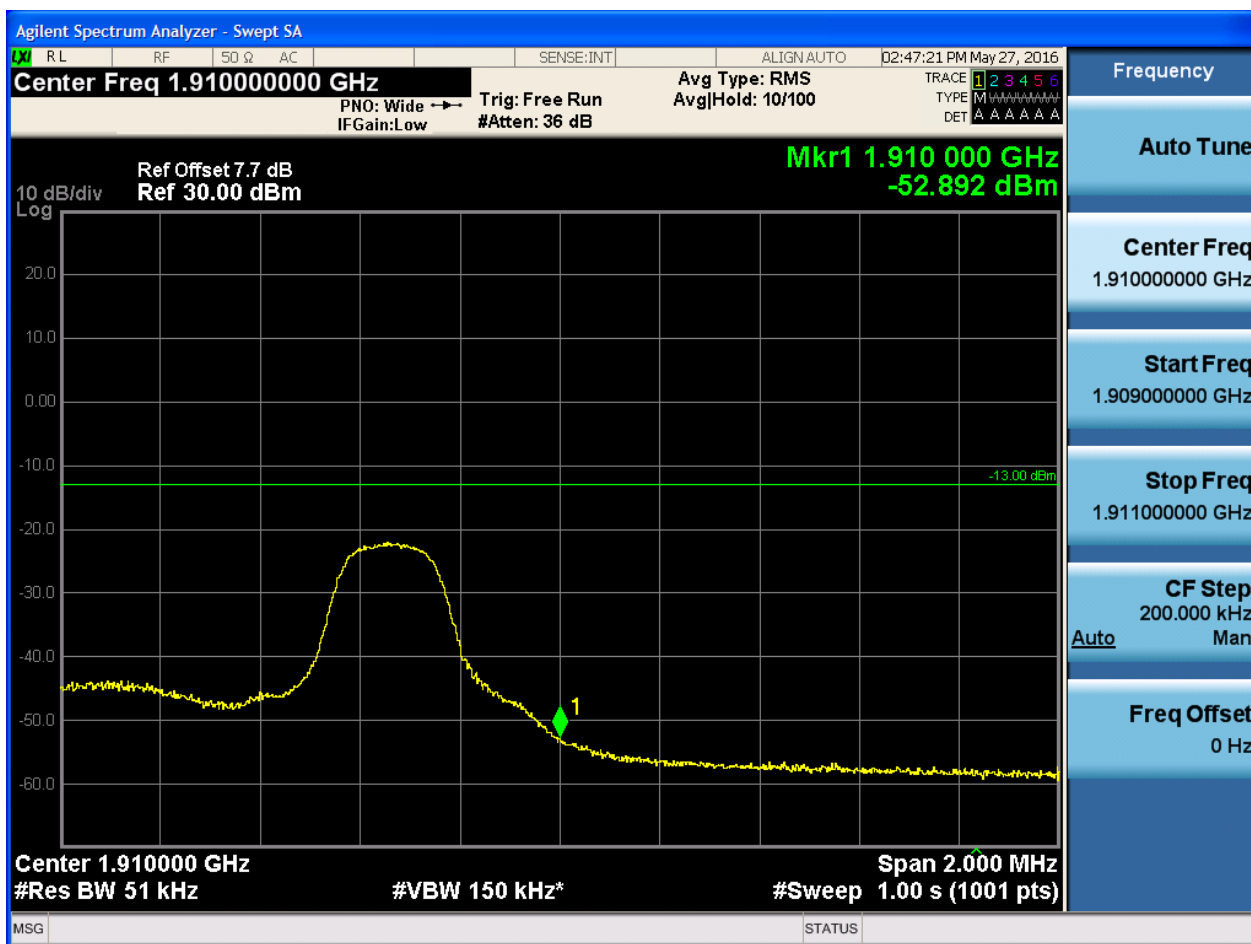
5.1.1.1.3.1.4 Test RB = RB25#0





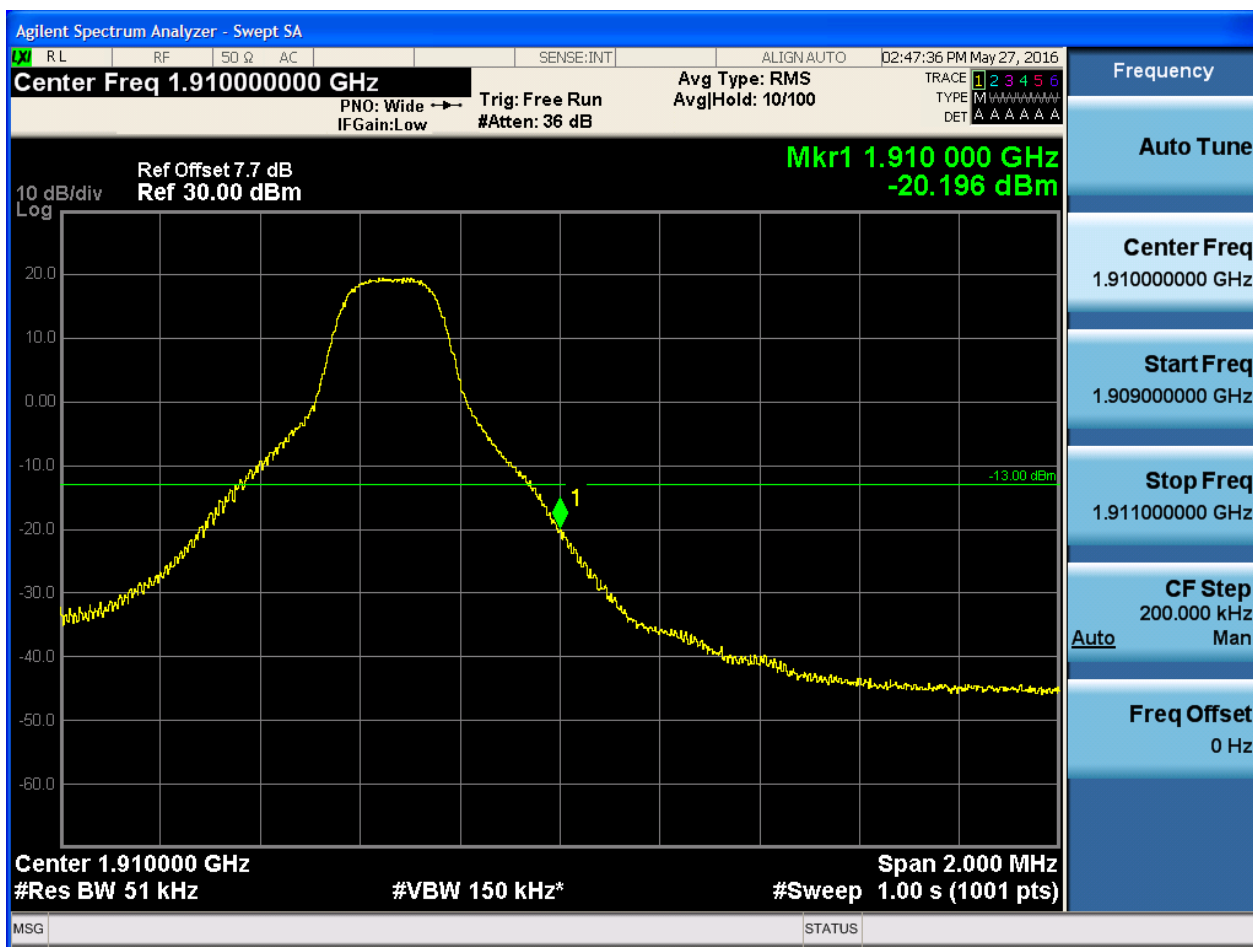
5.1.1.1.3.2 Test Channel = HCH

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





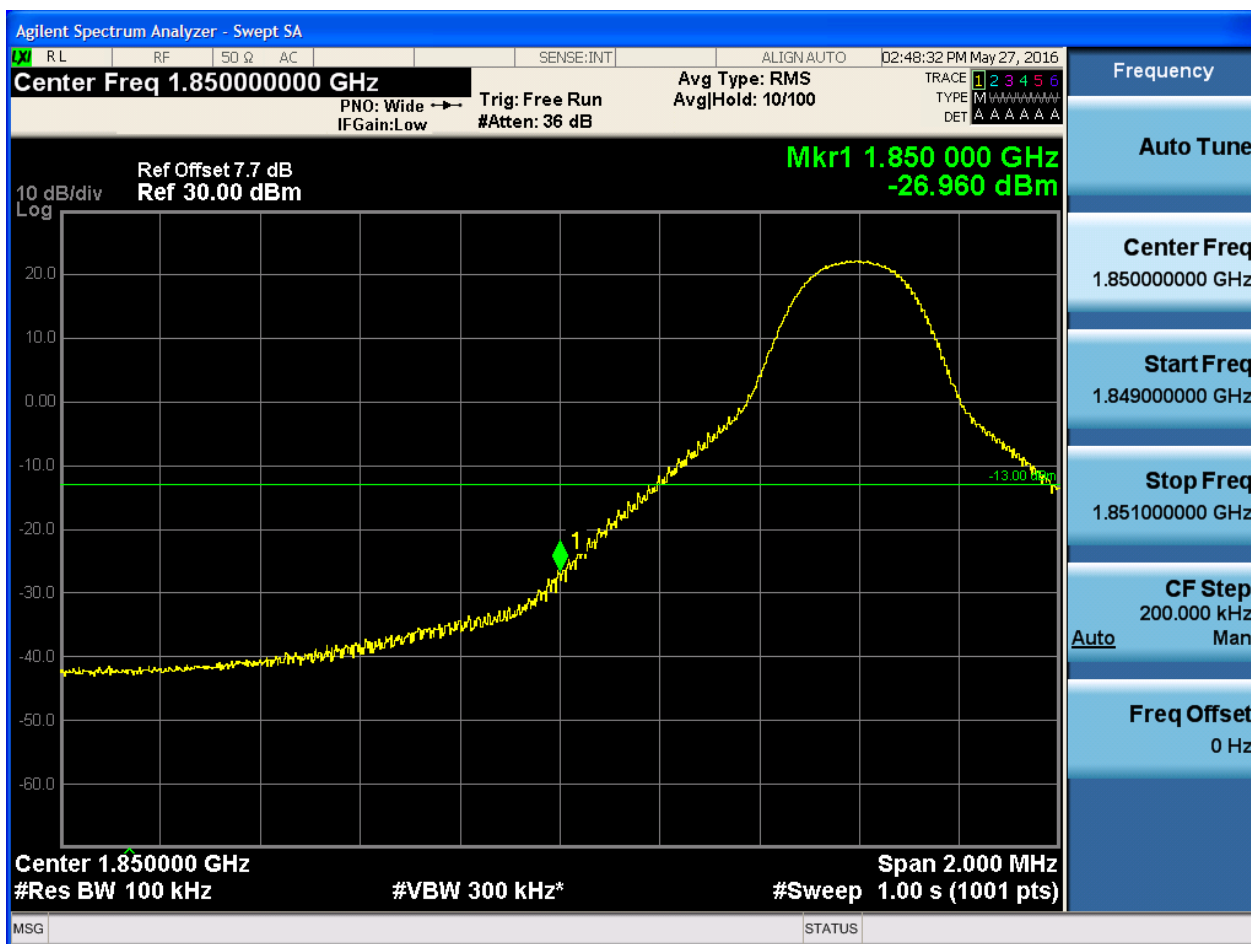
5.1.1.1.3.2.4 Test RB = RB25#0



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





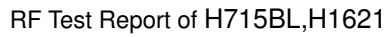
5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0

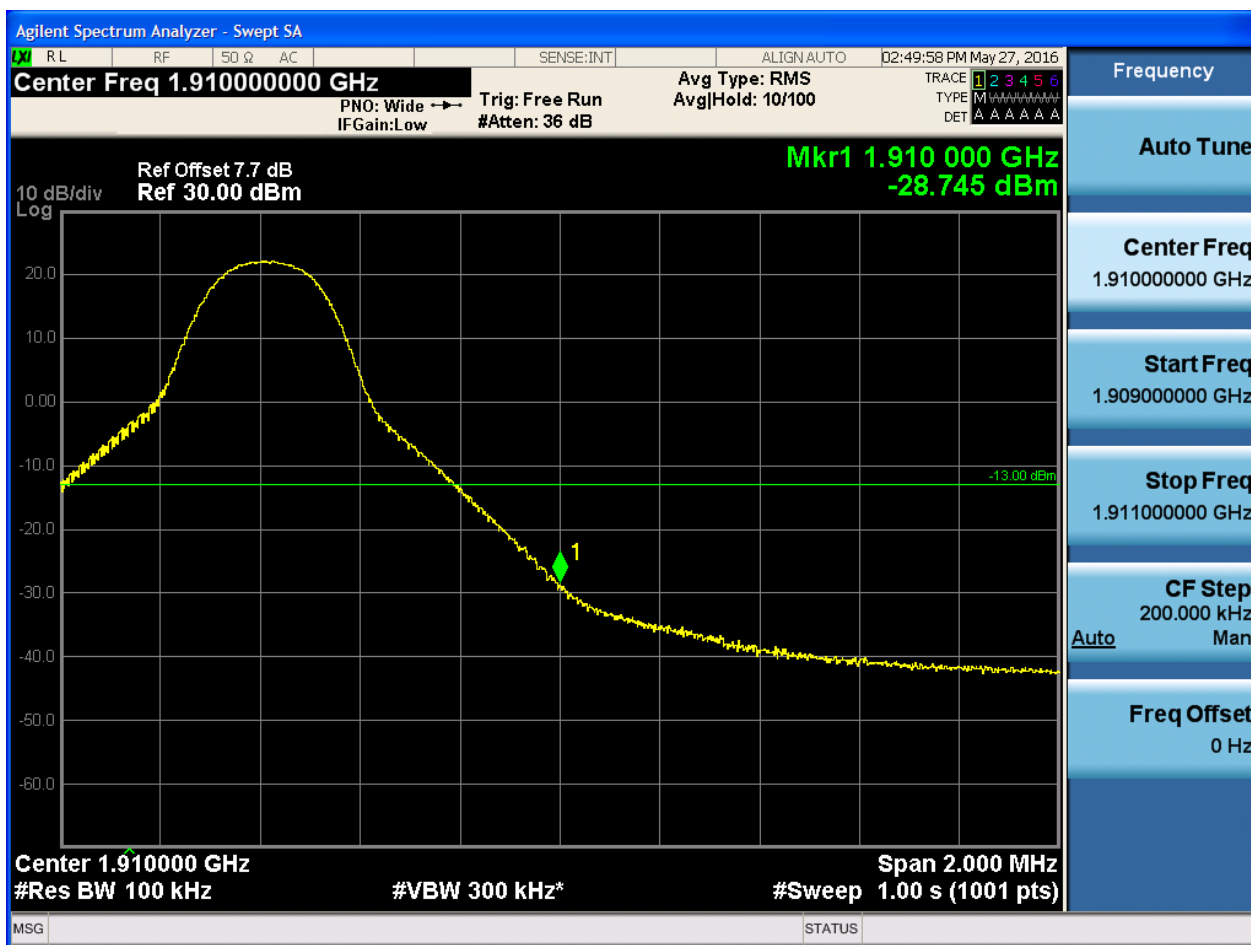




5.1.1.1.4.2.1 Test RB = RB1#0

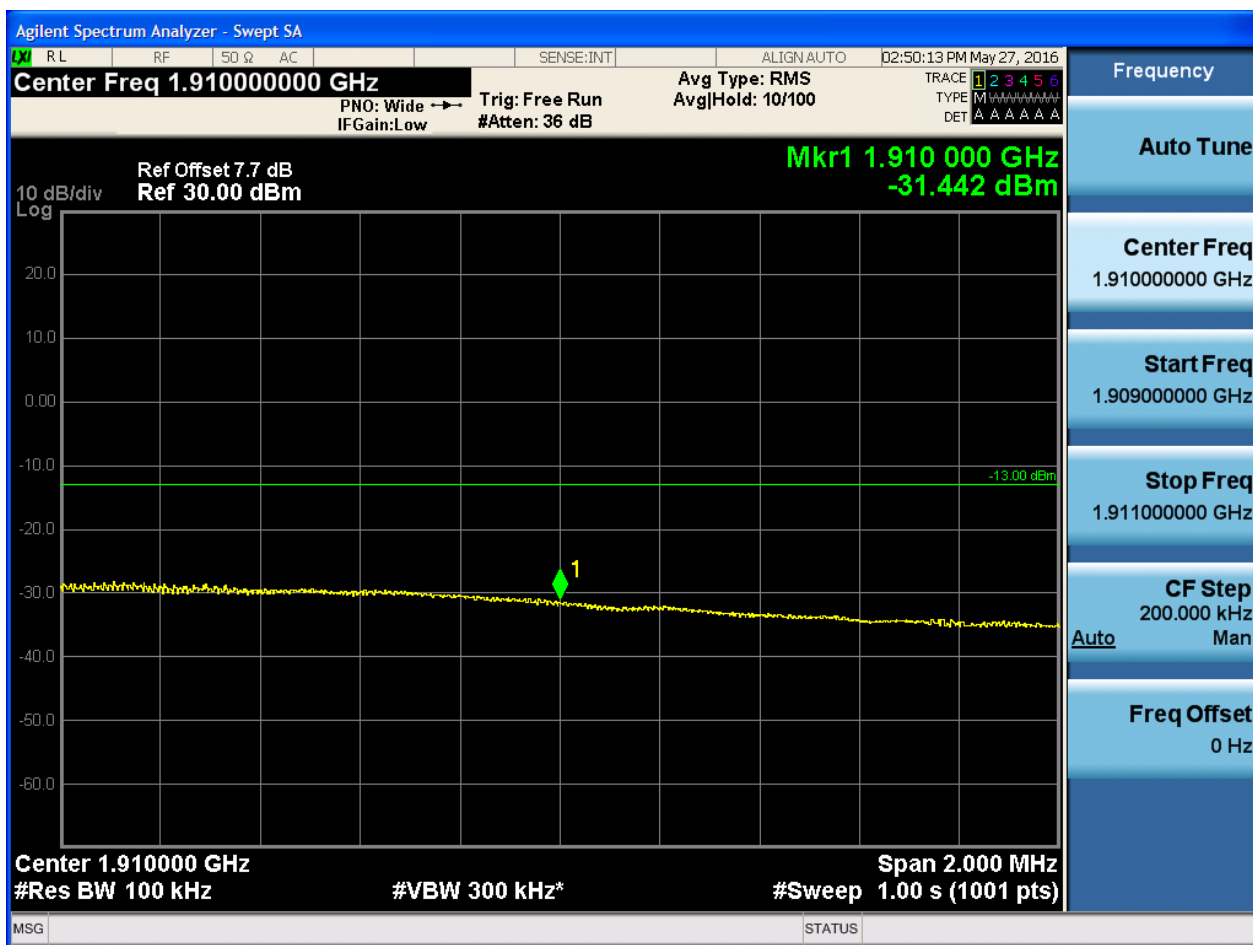


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





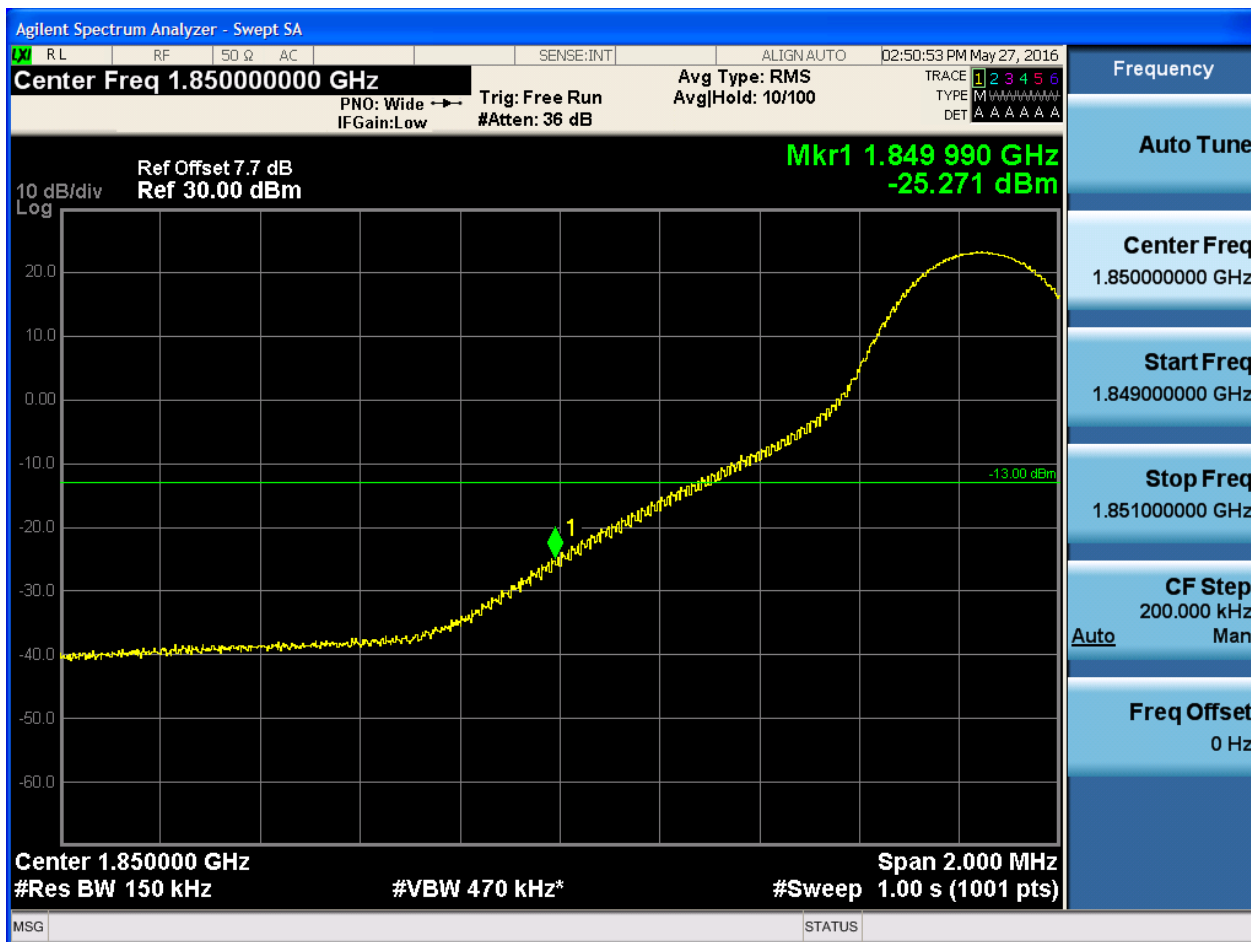
5.1.1.1.4.2.4 Test RB = RB50#0



5.1.1.1.5 Test Bandwidth = 15

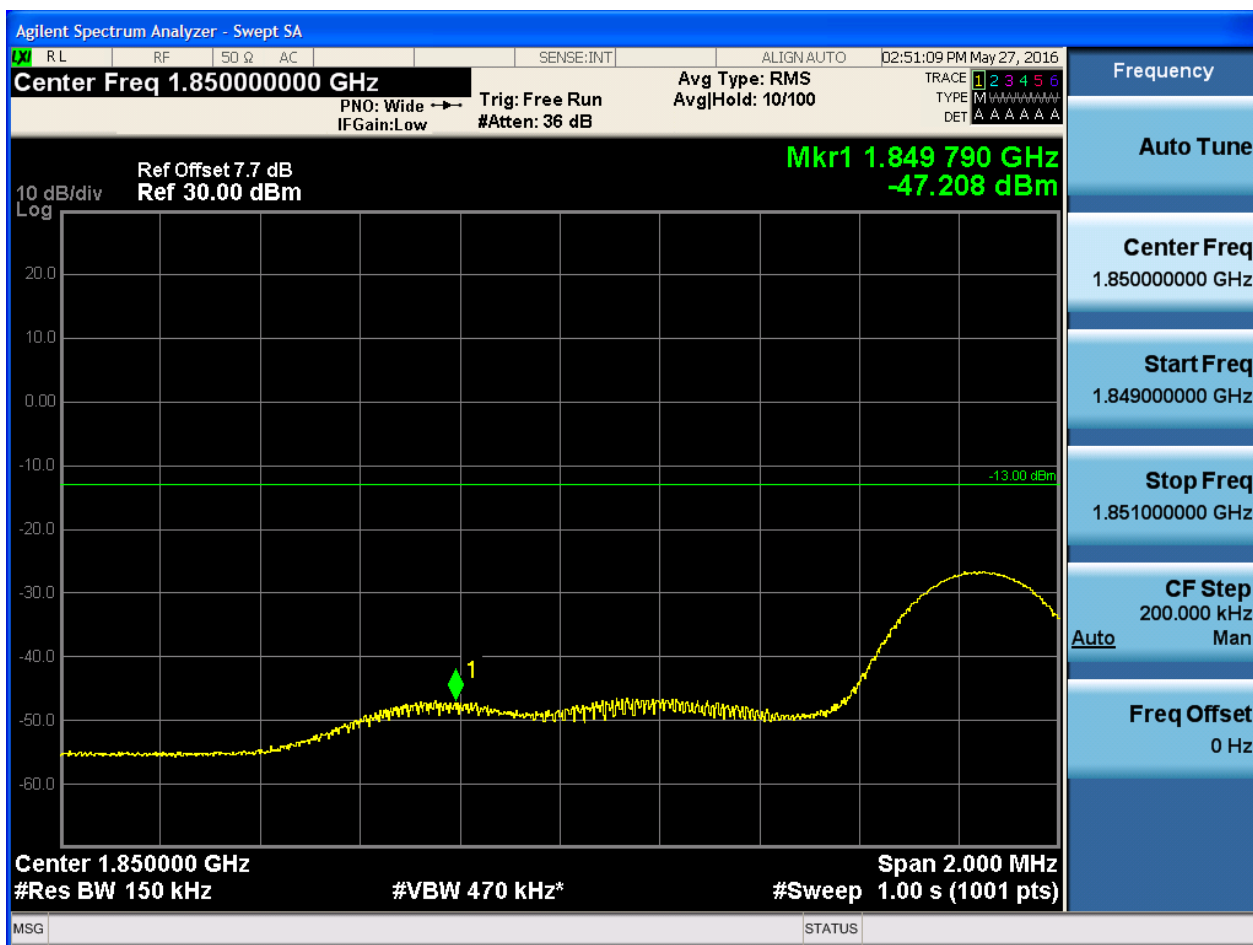
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0





5.1.1.1.5.1.2 Test RB = RB1#74





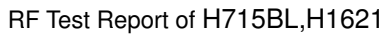
5.1.1.1.5.1.3 Test RB = RB38#19



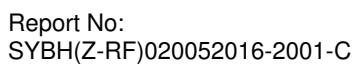


5.1.1.1.5.1.4 Test RB = RB75#0



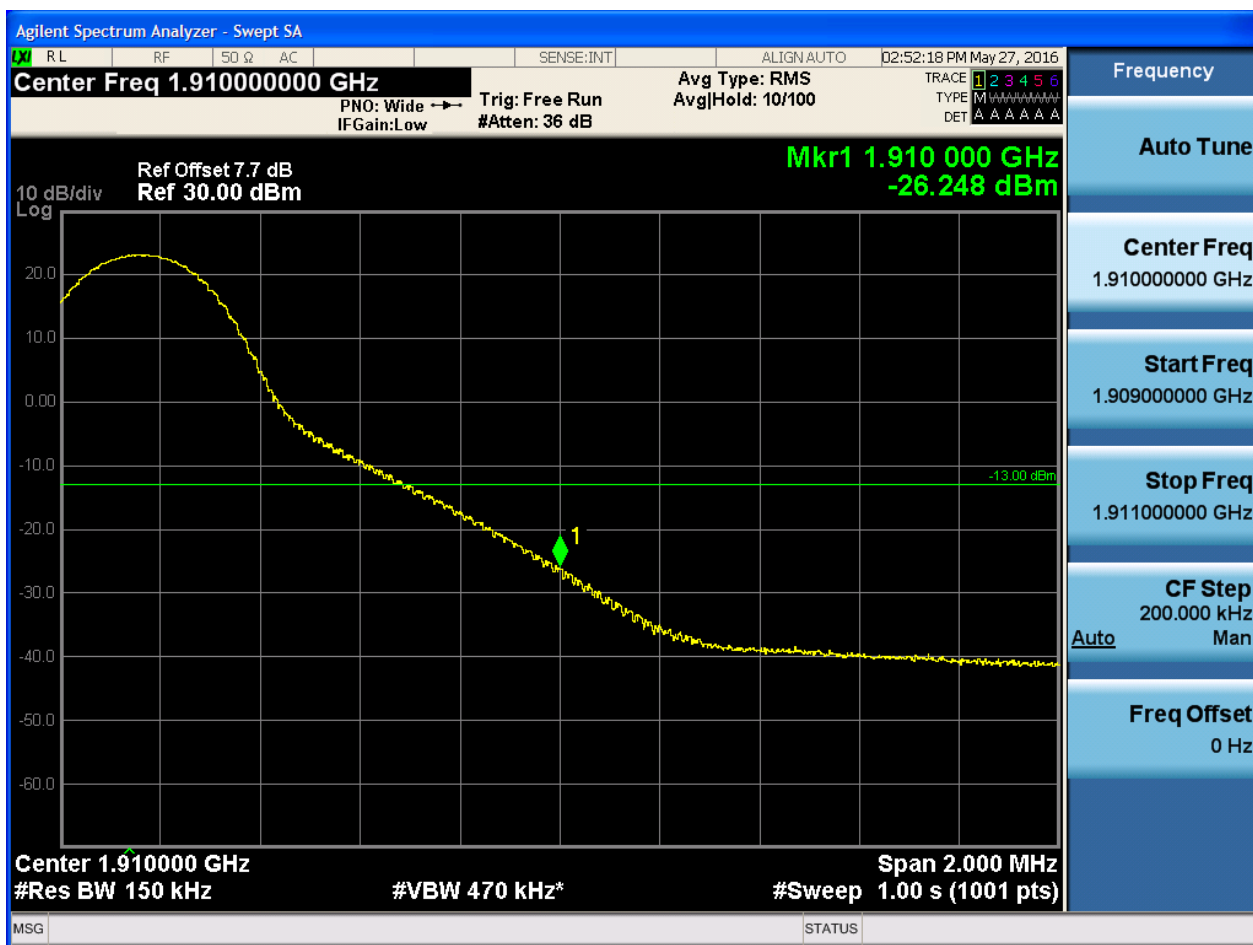


5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74



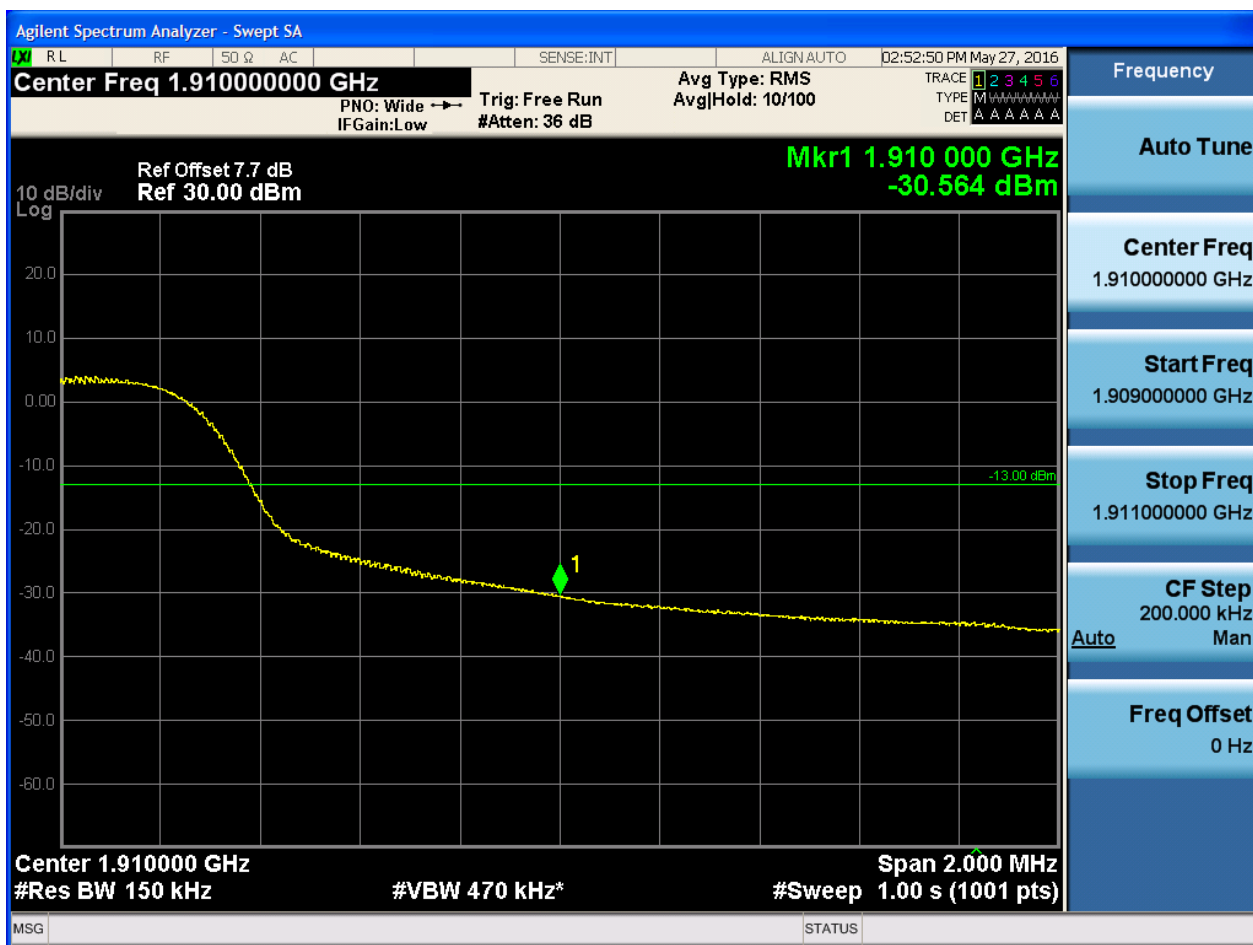


5.1.1.1.5.2.3 Test RB = RB38#19





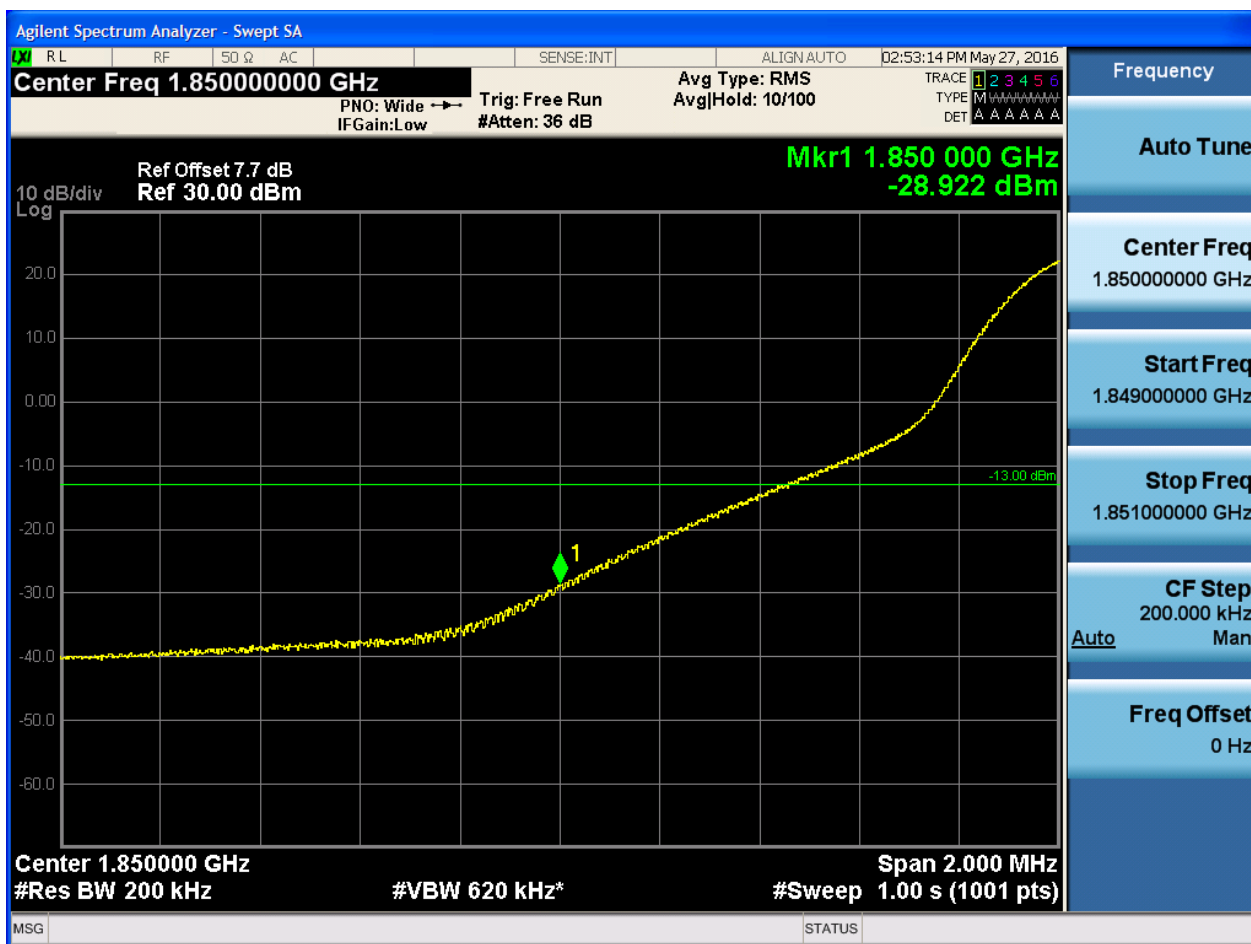
5.1.1.1.5.2.4 Test RB = RB75#0



5.1.1.1.6 Test Bandwidth = 20

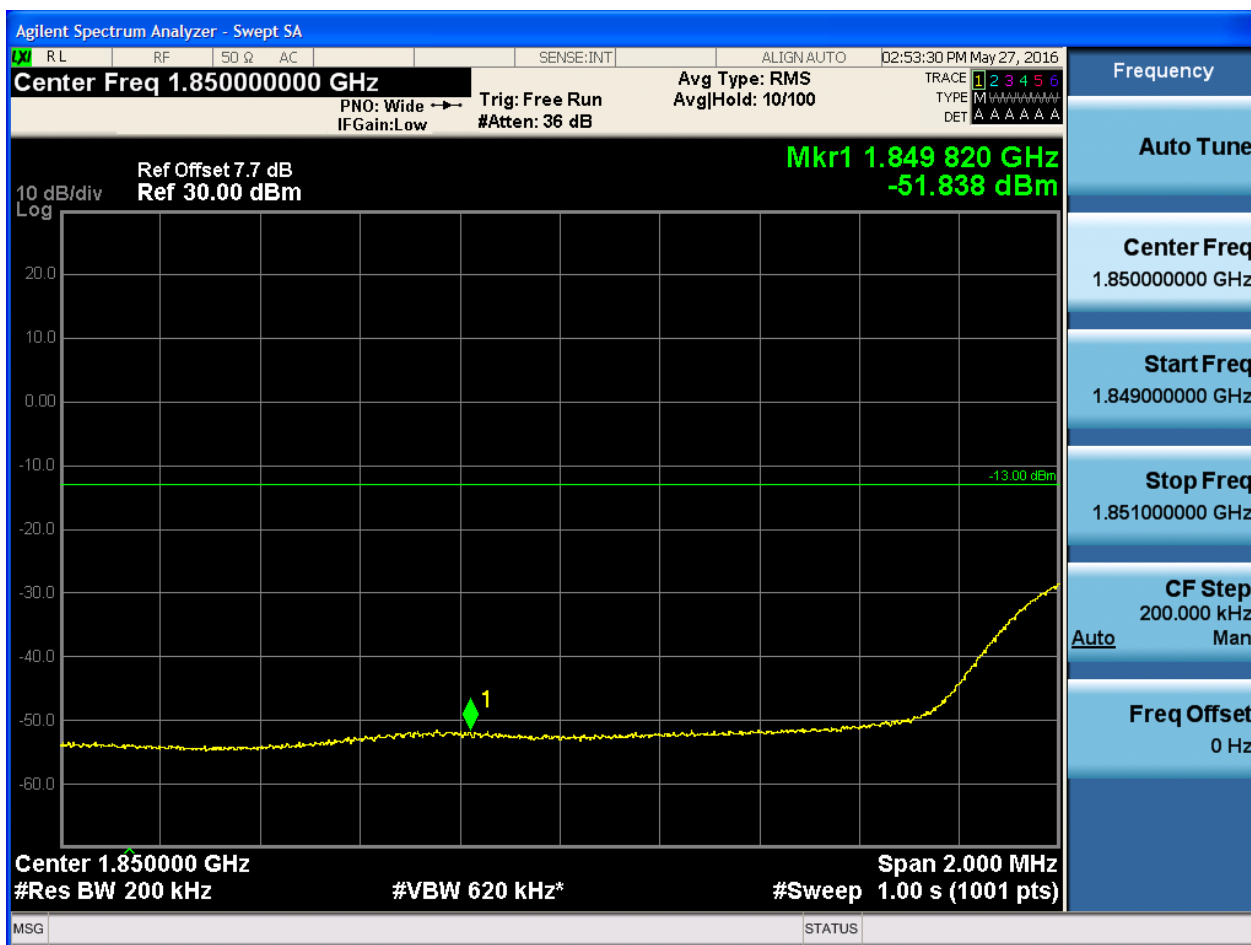
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



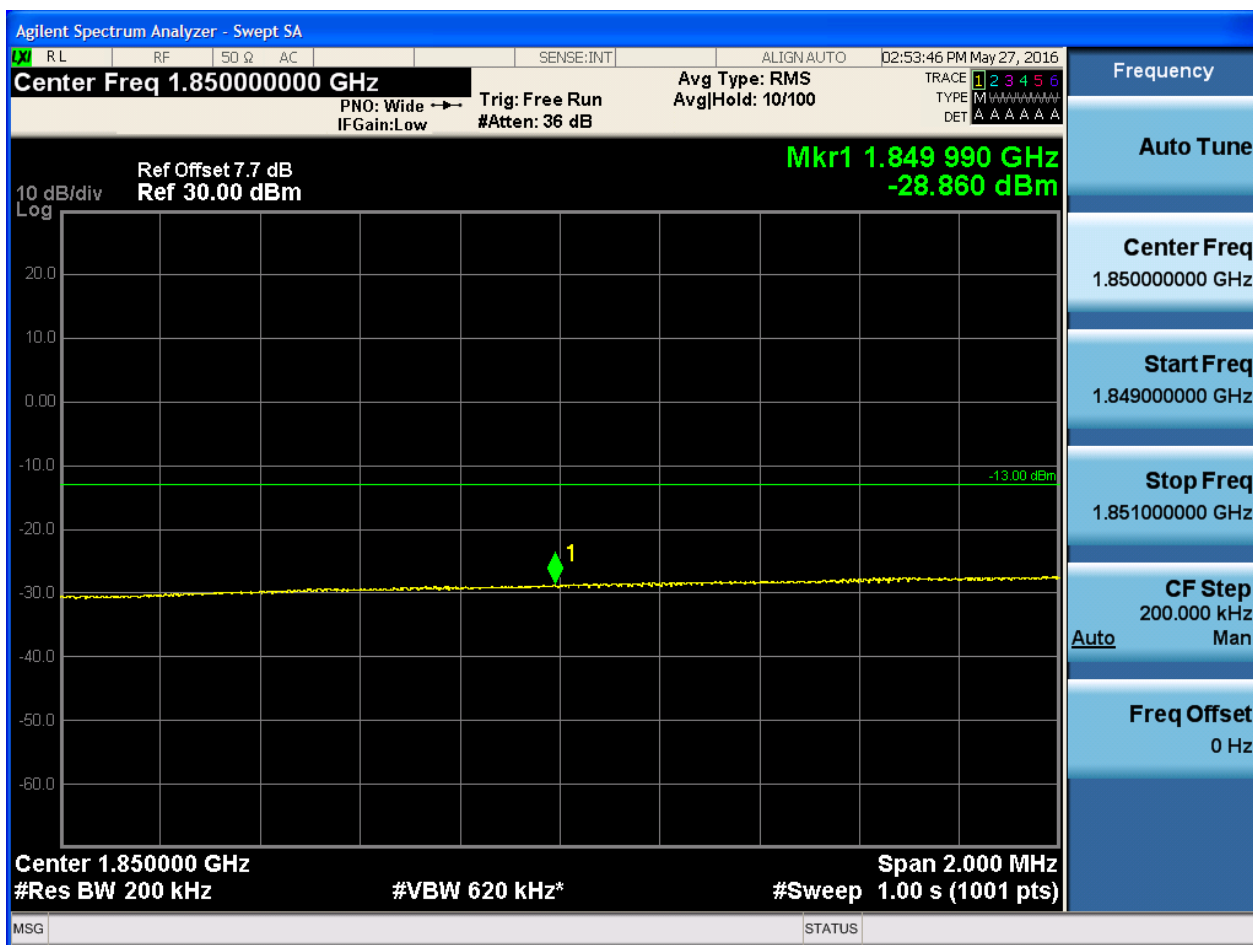


5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





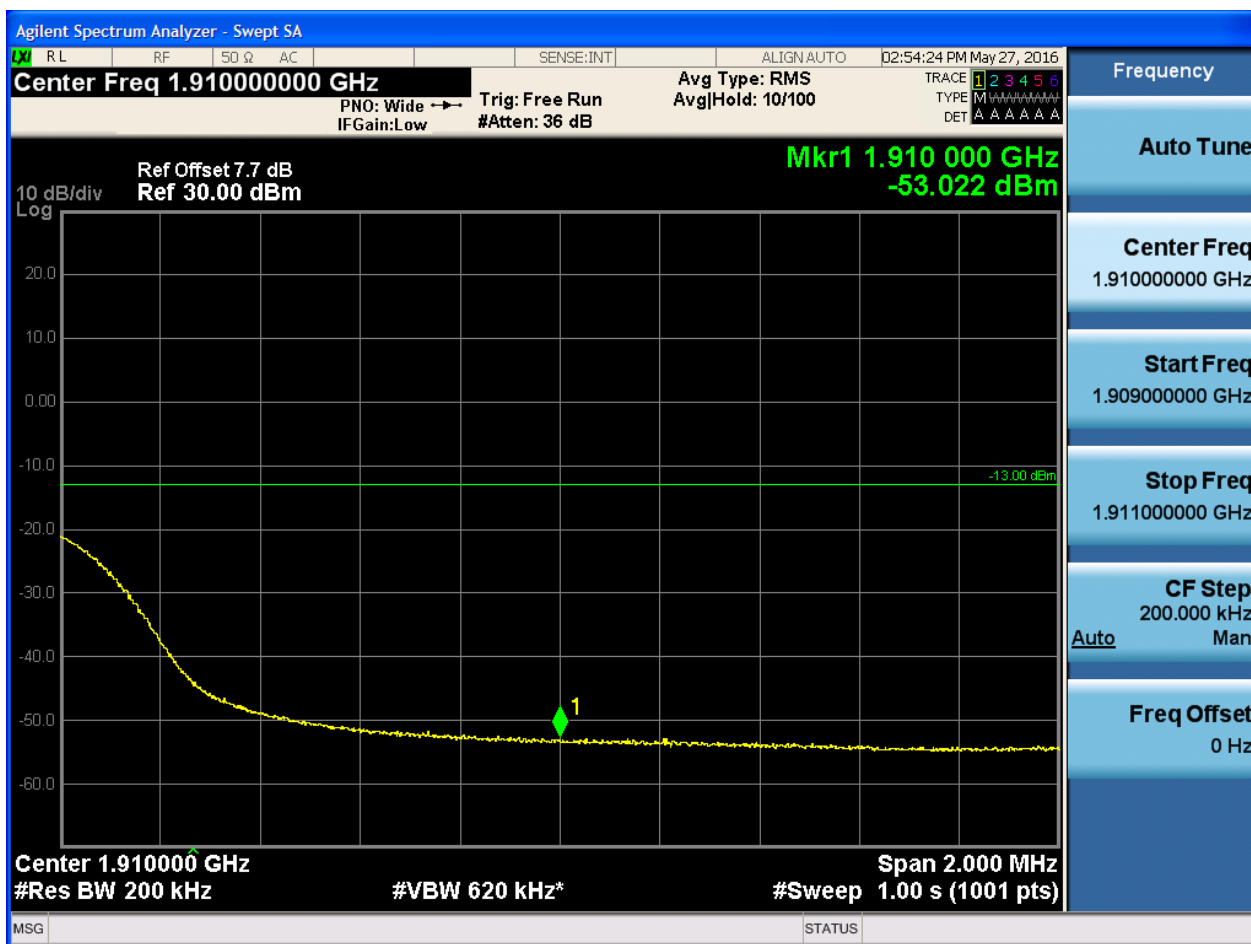
5.1.1.1.6.1.4 Test RB = RB100#0





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



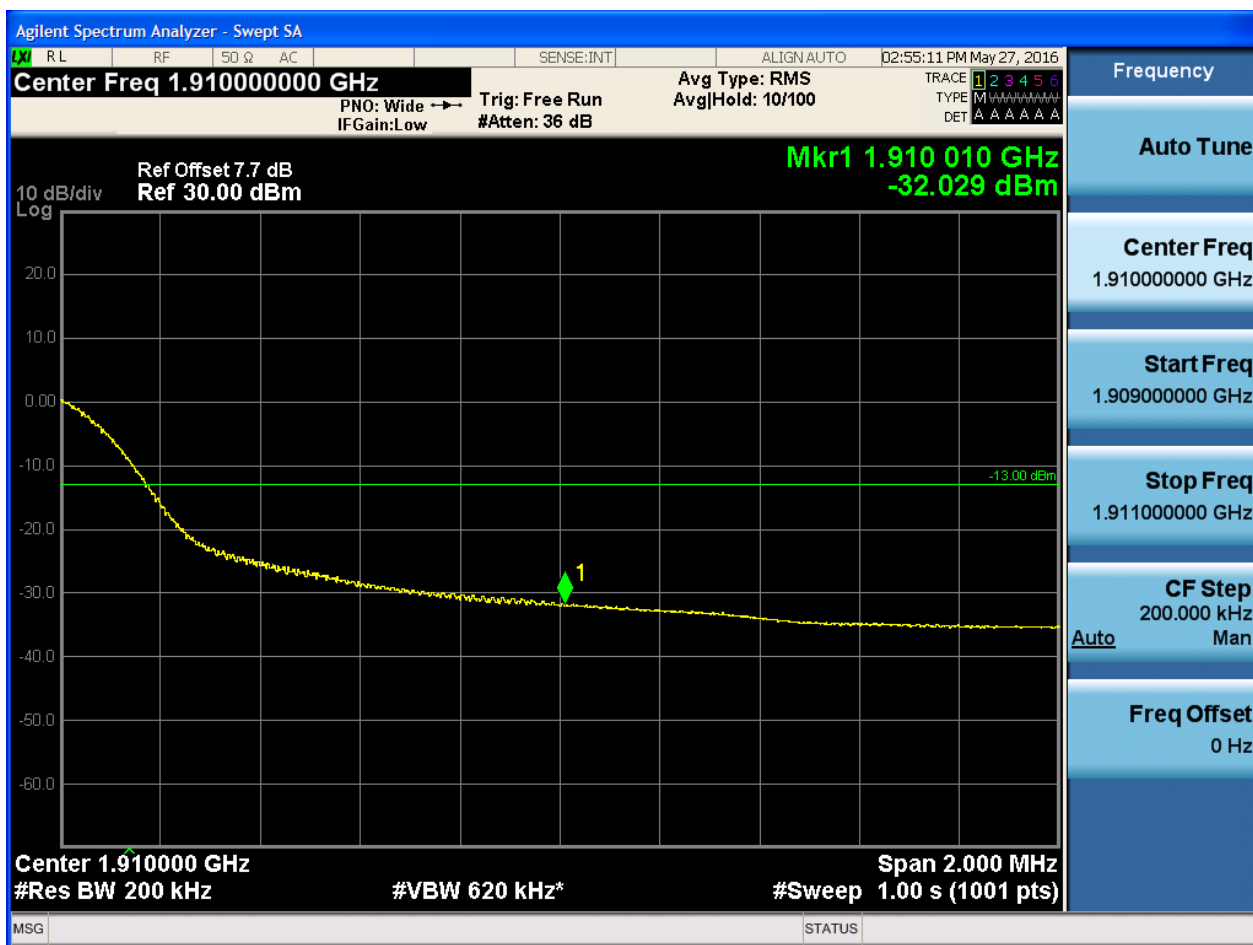


5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



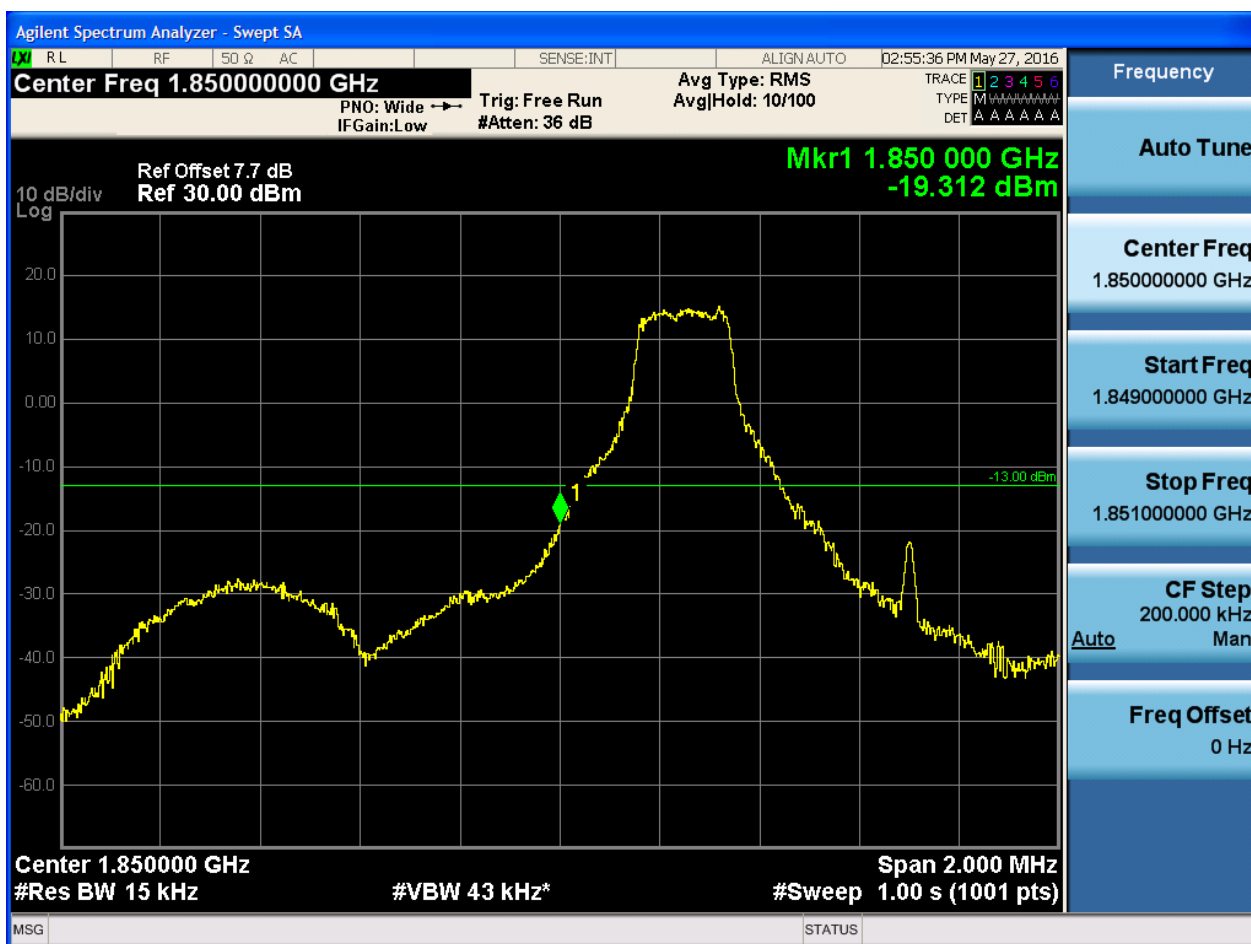


5.1.1.2 Test Mode = LTE/TM2

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





5.1.1.2.1.2 Test RB = RB1#5





5.1.1.2.1.1.3 Test RB = RB3#2





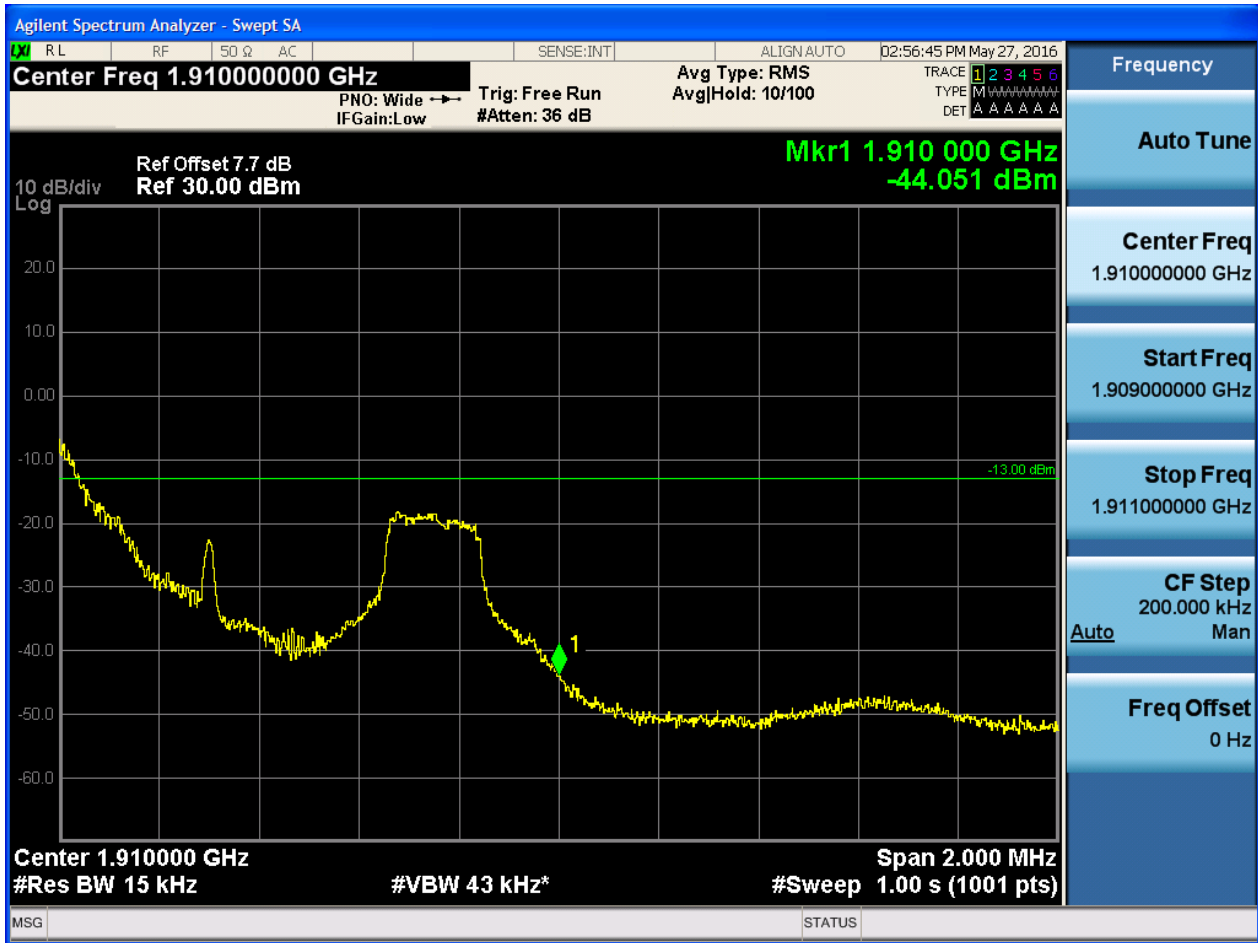
5.1.1.2.1.1.4 Test RB = RB6#0





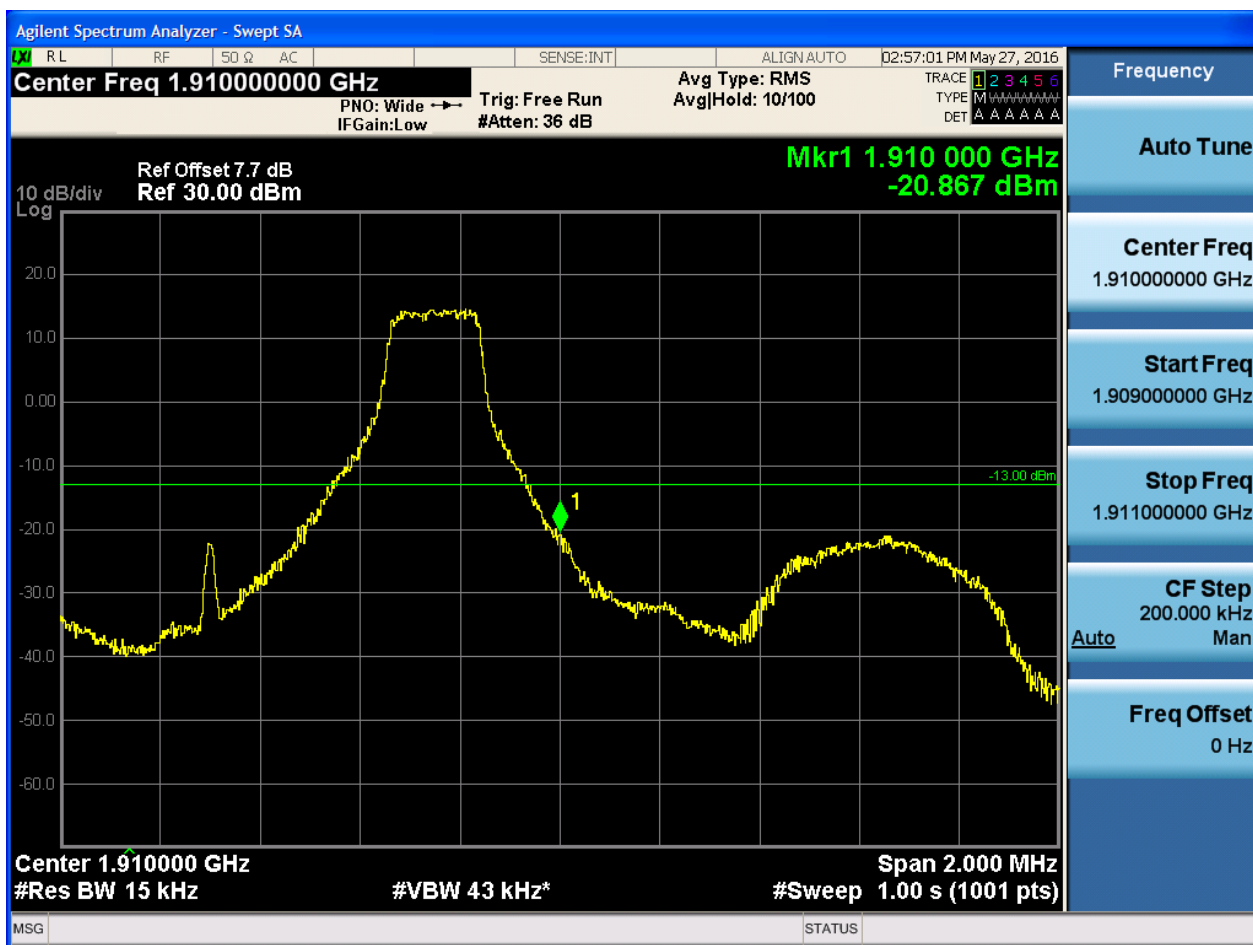
5.1.1.2.1.2 Test Channel = HCH

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





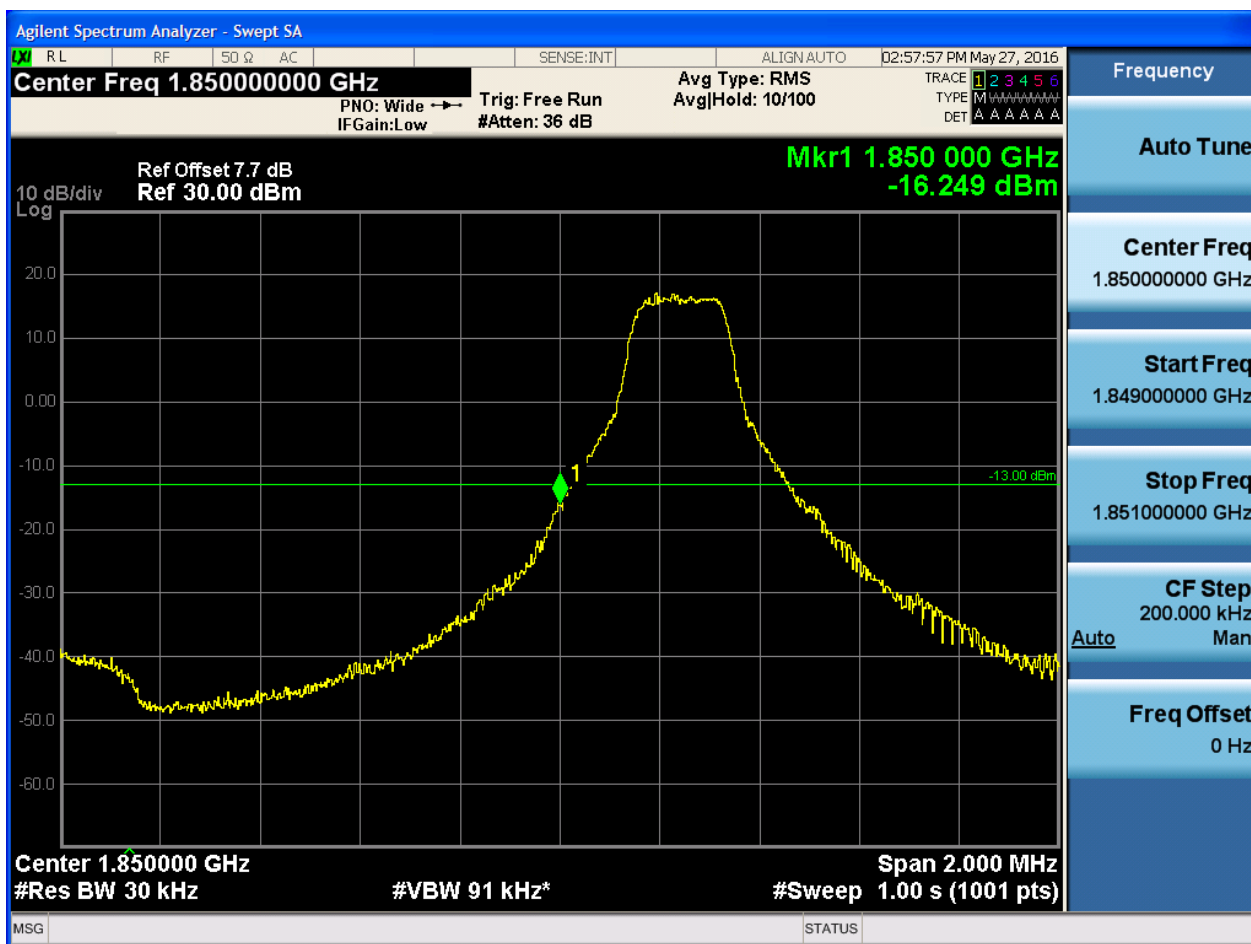
5.1.1.2.1.2.4 Test RB = RB6#0



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

