



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	22.82	23.32	33	PASS
				RB1#3	22.88	23.38	33	PASS
				RB1#5	22.74	23.24	33	PASS
				RB3#0	22.8	23.3	33	PASS
				RB3#2	22.84	23.34	33	PASS
				RB3#3	22.78	23.28	33	PASS
				RB6#0	21.27	21.77	33	PASS
			MCH	RB1#0	23.52	24.02	33	PASS
				RB1#3	23.48	23.98	33	PASS
				RB1#5	23.25	23.75	33	PASS
				RB3#0	23.44	23.94	33	PASS
				RB3#2	23.41	23.91	33	PASS
				RB3#3	23.24	23.74	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB6#0	21.77	22.27	33	PASS
				RB1#0	23.08	23.58	33	PASS
				RB1#3	22.83	23.33	33	PASS
				RB1#5	22.47	22.97	33	PASS
				RB3#0	22.94	23.44	33	PASS
				RB3#2	22.78	23.28	33	PASS
				RB3#3	22.62	23.12	33	PASS
				RB6#0	21.56	22.06	33	PASS
		3	LCH	RB1#0	22.76	23.26	33	PASS
				RB1#7	22.98	23.48	33	PASS
				RB1#14	22.66	23.16	33	PASS
				RB8#0	21.31	21.81	33	PASS
				RB8#4	21.33	21.83	33	PASS
				RB8#7	21.27	21.77	33	PASS
				RB15#0	21.28	21.78	33	PASS
			MCH	RB1#0	23.49	23.99	33	PASS
				RB1#7	23.58	24.08	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	23.09	23.59	33	PASS
				RB8#0	21.86	22.36	33	PASS
				RB8#4	21.84	22.34	33	PASS
				RB8#7	21.7	22.2	33	PASS
				RB15#0	21.77	22.27	33	PASS
			HCH	RB1#0	23.62	24.12	33	PASS
				RB1#7	23.35	23.85	33	PASS
				RB1#14	22.41	22.91	33	PASS
				RB8#0	22.14	22.64	33	PASS
				RB8#4	21.9	22.4	33	PASS
				RB8#7	21.57	22.07	33	PASS
				RB15#0	21.86	22.36	33	PASS
		5	LCH	RB1#0	22.69	23.19	33	PASS
				RB1#13	22.95	23.45	33	PASS
				RB1#24	22.58	23.08	33	PASS
				RB12#0	21.28	21.78	33	PASS
				RB12#6	21.42	21.92	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.3	21.8	33	PASS
				RB25#0	21.28	21.78	33	PASS
			MCH	RB1#0	23.43	23.93	33	PASS
				RB1#13	23.46	23.96	33	PASS
				RB1#24	22.97	23.47	33	PASS
				RB12#0	21.94	22.44	33	PASS
				RB12#6	21.95	22.45	33	PASS
				RB12#13	21.67	22.17	33	PASS
				RB25#0	21.76	22.26	33	PASS
			HCH	RB1#0	23.98	24.48	33	PASS
				RB1#13	23.65	24.15	33	PASS
				RB1#24	22.38	22.88	33	PASS
				RB12#0	22.43	22.93	33	PASS
				RB12#6	22.28	22.78	33	PASS
				RB12#13	21.76	22.26	33	PASS
				RB25#0	22.04	22.54	33	PASS
		10	LCH	RB1#0	22.82	23.32	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	23.04	23.54	33	PASS
				RB1#49	23.12	23.62	33	PASS
				RB25#0	21.42	21.92	33	PASS
				RB25#13	21.44	21.94	33	PASS
				RB25#25	21.48	21.98	33	PASS
				RB50#0	21.52	22.02	33	PASS
			MCH	RB1#0	23.39	23.89	33	PASS
				RB1#25	23.49	23.99	33	PASS
				RB1#49	23.12	23.62	33	PASS
				RB25#0	21.74	22.24	33	PASS
				RB25#13	21.67	22.17	33	PASS
				RB25#25	21.53	22.03	33	PASS
				RB50#0	21.4	21.9	33	PASS
			HCH	RB1#0	23.57	24.07	33	PASS
				RB1#25	24.1	24.6	33	PASS
				RB1#49	22.62	23.12	33	PASS
				RB25#0	22.48	22.98	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	22.45	22.95	33	PASS
				RB25#25	22	22.5	33	PASS
				RB50#0	22.09	22.59	33	PASS
		15	LCH	RB1#0	22.64	23.14	33	PASS
				RB1#38	23.16	23.66	33	PASS
				RB1#74	23.06	23.56	33	PASS
				RB38#0	21.28	21.78	33	PASS
				RB38#19	21.58	22.08	33	PASS
				RB38#39	21.71	22.21	33	PASS
				RB75#0	21.56	22.06	33	PASS
			MCH	RB1#0	23.33	23.83	33	PASS
				RB1#38	23.33	23.83	33	PASS
				RB1#74	22.87	23.37	33	PASS
				RB38#0	21.73	22.23	33	PASS
				RB38#19	21.62	22.12	33	PASS
				RB38#39	21.57	22.07	33	PASS
				RB75#0	21.78	22.28	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.31	23.81	33	PASS
				RB1#38	23.99	24.49	33	PASS
				RB1#74	22.55	23.05	33	PASS
				RB38#0	22.28	22.78	33	PASS
				RB38#19	22.55	23.05	33	PASS
				RB38#39	22.33	22.83	33	PASS
				RB75#0	22.1	22.6	33	PASS
		20	LCH	RB1#0	22.68	23.18	33	PASS
				RB1#50	23.33	23.83	33	PASS
				RB1#99	22.86	23.36	33	PASS
				RB50#0	21.45	21.95	33	PASS
				RB50#25	21.91	22.41	33	PASS
				RB50#50	21.82	22.32	33	PASS
				RB100#0	21.49	21.99	33	PASS
			MCH	RB1#0	23.12	23.62	33	PASS
				RB1#50	23.4	23.9	33	PASS
				RB1#99	22.7	23.2	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.74	22.24	33	PASS
				RB50#25	21.41	21.91	33	PASS
				RB50#50	21.38	21.88	33	PASS
				RB100#0	21.58	22.08	33	PASS
			HCH	RB1#0	22.97	23.47	33	PASS
				RB1#50	23.7	24.2	33	PASS
				RB1#99	22.53	23.03	33	PASS
				RB50#0	21.81	22.31	33	PASS
	LTE/TM2	1.4	LCH	RB50#25	22.33	22.83	33	PASS
				RB50#50	22.01	22.51	33	PASS
				RB100#0	21.86	22.36	33	PASS
				RB1#0	21.9	22.4	33	PASS
				RB1#3	21.96	22.46	33	PASS
				RB1#5	21.79	22.29	33	PASS
				RB3#0	21.88	22.38	33	PASS
				RB3#2	21.92	22.42	33	PASS
				RB3#3	21.85	22.35	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.31	21.81	33	PASS
				RB1#0	22.48	22.98	33	PASS
			MCH	RB1#3	22.42	22.92	33	PASS
				RB1#5	22.3	22.8	33	PASS
				RB3#0	22.45	22.95	33	PASS
				RB3#2	22.44	22.94	33	PASS
				RB3#3	22.35	22.85	33	PASS
				RB6#0	21.78	22.28	33	PASS
			HCH	RB1#0	22.32	22.82	33	PASS
				RB1#3	22.05	22.55	33	PASS
				RB1#5	21.75	22.25	33	PASS
				RB3#0	22.2	22.7	33	PASS
				RB3#2	22.03	22.53	33	PASS
				RB3#3	21.89	22.39	33	PASS
				RB6#0	21.57	22.07	33	PASS
		3	LCH	RB1#0	21.84	22.34	33	PASS
				RB1#7	22.06	22.56	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.73	22.23	33	PASS
				RB8#0	21.28	21.78	33	PASS
				RB8#4	21.3	21.8	33	PASS
				RB8#7	21.27	21.77	33	PASS
				RB15#0	21.26	21.76	33	PASS
			MCH	RB1#0	22.25	22.75	33	PASS
				RB1#7	22.36	22.86	33	PASS
				RB1#14	21.91	22.41	33	PASS
				RB8#0	21.7	22.2	33	PASS
				RB8#4	21.67	22.17	33	PASS
				RB8#7	21.53	22.03	33	PASS
				RB15#0	21.61	22.11	33	PASS
			HCH	RB1#0	22.99	23.49	33	PASS
				RB1#7	22.77	23.27	33	PASS
				RB1#14	21.88	22.38	33	PASS
				RB8#0	22.1	22.6	33	PASS
				RB8#4	21.87	22.37	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	21.57	22.07	33	PASS
				RB15#0	21.81	22.31	33	PASS
		5	LCH	RB1#0	21.97	22.47	33	PASS
				RB1#13	22.25	22.75	33	PASS
				RB1#24	21.85	22.35	33	PASS
				RB12#0	21.26	21.76	33	PASS
				RB12#6	21.37	21.87	33	PASS
				RB12#13	21.26	21.76	33	PASS
				RB25#0	21.24	21.74	33	PASS
			MCH	RB1#0	22.32	22.82	33	PASS
				RB1#13	22.4	22.9	33	PASS
				RB1#24	22.05	22.55	33	PASS
				RB12#0	21.74	22.24	33	PASS
				RB12#6	21.76	22.26	33	PASS
				RB12#13	21.47	21.97	33	PASS
				RB25#0	21.53	22.03	33	PASS
			HCH	RB1#0	23.56	24.06	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	23.25	23.75	33	PASS
				RB1#24	22.05	22.55	33	PASS
				RB12#0	22.39	22.89	33	PASS
				RB12#6	22.24	22.74	33	PASS
				RB12#13	21.72	22.22	33	PASS
				RB25#0	21.96	22.46	33	PASS
		10	LCH	RB1#0	22.07	22.57	33	PASS
				RB1#25	22.22	22.72	33	PASS
				RB1#49	22.34	22.84	33	PASS
				RB25#0	21.46	21.96	33	PASS
				RB25#13	21.54	22.04	33	PASS
				RB25#25	21.58	22.08	33	PASS
				RB50#0	21.58	22.08	33	PASS
			MCH	RB1#0	22.46	22.96	33	PASS
				RB1#25	22.51	23.01	33	PASS
				RB1#49	22.29	22.79	33	PASS
				RB25#0	21.72	22.22	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.65	22.15	33	PASS
				RB25#25	21.56	22.06	33	PASS
				RB50#0	21.36	21.86	33	PASS
			HCH	RB1#0	22.77	23.27	33	PASS
				RB1#25	23.27	23.77	33	PASS
				RB1#49	21.9	22.4	33	PASS
				RB25#0	22.54	23.04	33	PASS
				RB25#13	22.49	22.99	33	PASS
				RB25#25	22.03	22.53	33	PASS
				RB50#0	22.12	22.62	33	PASS
		15	LCH	RB1#0	21.96	22.46	33	PASS
				RB1#38	22.33	22.83	33	PASS
				RB1#74	22.37	22.87	33	PASS
				RB38#0	21.36	21.86	33	PASS
				RB38#19	21.66	22.16	33	PASS
				RB38#39	21.78	22.28	33	PASS
				RB75#0	21.59	22.09	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.65	23.15	33	PASS
				RB1#38	22.57	23.07	33	PASS
				RB1#74	22.18	22.68	33	PASS
				RB38#0	21.71	22.21	33	PASS
				RB38#19	21.59	22.09	33	PASS
				RB38#39	21.52	22.02	33	PASS
				RB75#0	21.74	22.24	33	PASS
			HCH	RB1#0	22.49	22.99	33	PASS
				RB1#38	23.32	23.82	33	PASS
				RB1#74	21.9	22.4	33	PASS
				RB38#0	22.26	22.76	33	PASS
				RB38#19	22.53	23.03	33	PASS
				RB38#39	22.29	22.79	33	PASS
				RB75#0	22.06	22.56	33	PASS
		20	LCH	RB1#0	22.02	22.52	33	PASS
				RB1#50	22.62	23.12	33	PASS
				RB1#99	22.3	22.8	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.37	21.87	33	PASS
				RB50#25	21.84	22.34	33	PASS
				RB50#50	21.75	22.25	33	PASS
				RB100#0	21.43	21.93	33	PASS
			MCH	RB1#0	22.36	22.86	33	PASS
				RB1#50	22.41	22.91	33	PASS
				RB1#99	21.98	22.48	33	PASS
				RB50#0	21.68	22.18	33	PASS
				RB50#25	21.36	21.86	33	PASS
				RB50#50	21.32	21.82	33	PASS
				RB100#0	21.51	22.01	33	PASS
			HCH	RB1#0	22.37	22.87	33	PASS
				RB1#50	23.17	23.67	33	PASS
				RB1#99	22.01	22.51	33	PASS
				RB50#0	21.76	22.26	33	PASS
				RB50#25	22.28	22.78	33	PASS
				RB50#50	21.95	22.45	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.8	22.3	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

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	5.16	13	PASS
				RB1#3	5.1	13	PASS
				RB1#5	5.21	13	PASS
				RB3#0	5.66	13	PASS
				RB3#2	5.6	13	PASS
				RB3#3	5.61	13	PASS
				RB6#0	6.28	13	PASS
			MCH	RB1#0	5.21	13	PASS
				RB1#3	5.28	13	PASS
				RB1#5	5.21	13	PASS
				RB3#0	5.95	13	PASS
				RB3#2	5.92	13	PASS
				RB3#3	6.04	13	PASS
				RB6#0	6.07	13	PASS
			HCH	RB1#0	4.22	13	PASS
				RB1#3	4.24	13	PASS
				RB1#5	4.42	13	PASS
				RB3#0	4.69	13	PASS
				RB3#2	4.72	13	PASS
				RB3#3	4.85	13	PASS
				RB6#0	5.62	13	PASS
		3	LCH	RB1#0	5.23	13	PASS
				RB1#7	4.99	13	PASS
				RB1#14	5.22	13	PASS
				RB8#0	6.06	13	PASS
				RB8#4	6.19	13	PASS
				RB8#7	6.09	13	PASS
				RB15#0	5.73	13	PASS
			MCH	RB1#0	5.43	13	PASS
				RB1#7	5.25	13	PASS
				RB1#14	5.45	13	PASS
				RB8#0	6.62	13	PASS
				RB8#4	6.71	13	PASS
				RB8#7	6.63	13	PASS
				RB15#0	6.56	13	PASS
			HCH	RB1#0	4.23	13	PASS
				RB1#7	3.96	13	PASS
				RB1#14	4.48	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB8#0	5.65	13	PASS
				RB8#4	5.56	13	PASS
				RB8#7	5.6	13	PASS
				RB15#0	5.98	13	PASS
			LCH	RB1#0	5.22	13	PASS
				RB1#13	5.19	13	PASS
				RB1#24	5.25	13	PASS
				RB12#0	6.53	13	PASS
				RB12#6	6.43	13	PASS
				RB12#13	6.49	13	PASS
				RB25#0	6.27	13	PASS
			MCH	RB1#0	5.45	13	PASS
				RB1#13	5.47	13	PASS
				RB1#24	5.51	13	PASS
				RB12#0	6.39	13	PASS
				RB12#6	6.4	13	PASS
				RB12#13	6.43	13	PASS
				RB25#0	6.21	13	PASS
			HCH	RB1#0	4.67	13	PASS
				RB1#13	3.99	13	PASS
				RB1#24	4.45	13	PASS
				RB12#0	5.91	13	PASS
				RB12#6	5.7	13	PASS
				RB12#13	5.75	13	PASS
				RB25#0	6.09	13	PASS
		10	LCH	RB1#0	5.12	13	PASS
				RB1#25	5.08	13	PASS
				RB1#49	5.34	13	PASS
				RB25#0	6.34	13	PASS
				RB25#13	6.33	13	PASS
				RB25#25	6.38	13	PASS
				RB50#0	6.27	13	PASS
			MCH	RB1#0	5.2	13	PASS
				RB1#25	5.41	13	PASS
				RB1#49	5.25	13	PASS
				RB25#0	6.5	13	PASS
				RB25#13	6.48	13	PASS
				RB25#25	6.39	13	PASS
				RB50#0	6.65	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.96	13	PASS
				RB1#25	4.33	13	PASS
				RB1#49	4.28	13	PASS
				RB25#0	6.33	13	PASS
				RB25#13	6.06	13	PASS
				RB25#25	5.83	13	PASS
				RB50#0	6.4	13	PASS
		15	LCH	RB1#0	5.12	13	PASS
				RB1#38	5.23	13	PASS
				RB1#74	5.32	13	PASS
				RB38#0	6.65	13	PASS
				RB38#19	6.67	13	PASS
				RB38#39	6.56	13	PASS
				RB75#0	6.59	13	PASS
			MCH	RB1#0	5.61	13	PASS
				RB1#38	5.54	13	PASS
				RB1#74	5.47	13	PASS
				RB38#0	6.68	13	PASS
				RB38#19	6.67	13	PASS
				RB38#39	6.6	13	PASS
				RB75#0	6.7	13	PASS
			HCH	RB1#0	5.68	13	PASS
				RB1#38	5.44	13	PASS
				RB1#74	4.71	13	PASS
				RB38#0	6.74	13	PASS
				RB38#19	6.73	13	PASS
				RB38#39	6.23	13	PASS
				RB75#0	6.68	13	PASS
		20	LCH	RB1#0	5.66	13	PASS
				RB1#50	5.7	13	PASS
				RB1#99	5.96	13	PASS
				RB50#0	6.56	13	PASS
				RB50#25	6.6	13	PASS
				RB50#50	6.8	13	PASS
				RB100#0	6.68	13	PASS
			MCH	RB1#0	5.72	13	PASS
				RB1#50	5.56	13	PASS
				RB1#99	5.86	13	PASS
				RB50#0	6.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	6.62	13	PASS
				RB50#50	6.47	13	PASS
				RB100#0	6.68	13	PASS
			HCH	RB1#0	5.48	13	PASS
				RB1#50	5.42	13	PASS
				RB1#99	4.96	13	PASS
				RB50#0	6.62	13	PASS
				RB50#25	6.66	13	PASS
				RB50#50	6.5	13	PASS
				RB100#0	6.77	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	6.05	13	PASS
				RB1#3	6.1	13	PASS
				RB1#5	6.01	13	PASS
				RB3#0	6.39	13	PASS
				RB3#2	6.41	13	PASS
				RB3#3	6.31	13	PASS
				RB6#0	6.57	13	PASS
			MCH	RB1#0	6.23	13	PASS
				RB1#3	6.38	13	PASS
				RB1#5	6.32	13	PASS
				RB3#0	6.94	13	PASS
				RB3#2	6.89	13	PASS
				RB3#3	6.96	13	PASS
				RB6#0	6.65	13	PASS
			HCH	RB1#0	4.71	13	PASS
				RB1#3	4.84	13	PASS
				RB1#5	4.91	13	PASS
				RB3#0	5.36	13	PASS
				RB3#2	5.44	13	PASS
				RB3#3	5.48	13	PASS
				RB6#0	6.37	13	PASS
		3	LCH	RB1#0	6.16	13	PASS
				RB1#7	5.93	13	PASS
				RB1#14	6.18	13	PASS
				RB8#0	6.43	13	PASS
				RB8#4	6.55	13	PASS
				RB8#7	6.53	13	PASS
				RB15#0	7.15	13	PASS
			MCH	RB1#0	6.06	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	5.85	13	PASS
				RB1#14	6.09	13	PASS
				RB8#0	6.92	13	PASS
				RB8#4	6.65	13	PASS
				RB8#7	6.78	13	PASS
				RB15#0	6.59	13	PASS
			HCH	RB1#0	4.9	13	PASS
				RB1#7	4.54	13	PASS
				RB1#14	4.95	13	PASS
				RB8#0	6.06	13	PASS
				RB8#4	5.95	13	PASS
				RB8#7	6.04	13	PASS
				RB15#0	6.4	13	PASS
		5	LCH	RB1#0	6.22	13	PASS
				RB1#13	6.27	13	PASS
				RB1#24	6.37	13	PASS
				RB12#0	7.18	13	PASS
				RB12#6	7.13	13	PASS
				RB12#13	7.14	13	PASS
				RB25#0	7.04	13	PASS
			MCH	RB1#0	6.09	13	PASS
				RB1#13	6.15	13	PASS
				RB1#24	6.15	13	PASS
				RB12#0	7	13	PASS
				RB12#6	6.9	13	PASS
				RB12#13	6.97	13	PASS
				RB25#0	7.28	13	PASS
			HCH	RB1#0	5	13	PASS
				RB1#13	4.48	13	PASS
				RB1#24	4.82	13	PASS
				RB12#0	6.18	13	PASS
				RB12#6	5.86	13	PASS
				RB12#13	6.02	13	PASS
				RB25#0	6.55	13	PASS
		10	LCH	RB1#0	5.86	13	PASS
				RB1#25	6.3	13	PASS
				RB1#49	6.34	13	PASS
				RB25#0	6.95	13	PASS
				RB25#13	6.94	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.88	13	PASS
				RB50#0	7.19	13	PASS
			MCH	RB1#0	6.35	13	PASS
				RB1#25	6.58	13	PASS
				RB1#49	6.4	13	PASS
				RB25#0	7.18	13	PASS
				RB25#13	7.26	13	PASS
				RB25#25	7.15	13	PASS
				RB50#0	7.47	13	PASS
			HCH	RB1#0	5.7	13	PASS
				RB1#25	4.99	13	PASS
				RB1#49	4.75	13	PASS
				RB25#0	7.11	13	PASS
				RB25#13	6.66	13	PASS
				RB25#25	6.38	13	PASS
				RB50#0	6.82	13	PASS
		15	LCH	RB1#0	6.42	13	PASS
				RB1#38	6.69	13	PASS
				RB1#74	6.6	13	PASS
				RB38#0	7.16	13	PASS
				RB38#19	7.29	13	PASS
				RB38#39	7.03	13	PASS
				RB75#0	7.63	13	PASS
			MCH	RB1#0	6.61	13	PASS
				RB1#38	6.54	13	PASS
				RB1#74	6.35	13	PASS
				RB38#0	7.14	13	PASS
				RB38#19	7.24	13	PASS
				RB38#39	7.09	13	PASS
				RB75#0	7.3	13	PASS
			HCH	RB1#0	5.97	13	PASS
				RB1#38	5.89	13	PASS
				RB1#74	5.24	13	PASS
				RB38#0	7.29	13	PASS
				RB38#19	7.07	13	PASS
				RB38#39	6.52	13	PASS
				RB75#0	7.22	13	PASS
		20	LCH	RB1#0	5.83	13	PASS
				RB1#50	6.05	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	6.38	13	PASS
				RB50#0	7.15	13	PASS
				RB50#25	7.17	13	PASS
				RB50#50	7.44	13	PASS
				RB100#0	7.39	13	PASS
			MCH	RB1#0	6.33	13	PASS
				RB1#50	5.76	13	PASS
				RB1#99	6.21	13	PASS
				RB50#0	7.1	13	PASS
				RB50#25	7.31	13	PASS
				RB50#50	7.01	13	PASS
				RB100#0	7.45	13	PASS
			HCH	RB1#0	6.53	13	PASS
				RB1#50	6.36	13	PASS
				RB1#99	5.31	13	PASS
				RB50#0	7.32	13	PASS
				RB50#25	7.16	13	PASS
				RB50#50	6.92	13	PASS
				RB100#0	7.47	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

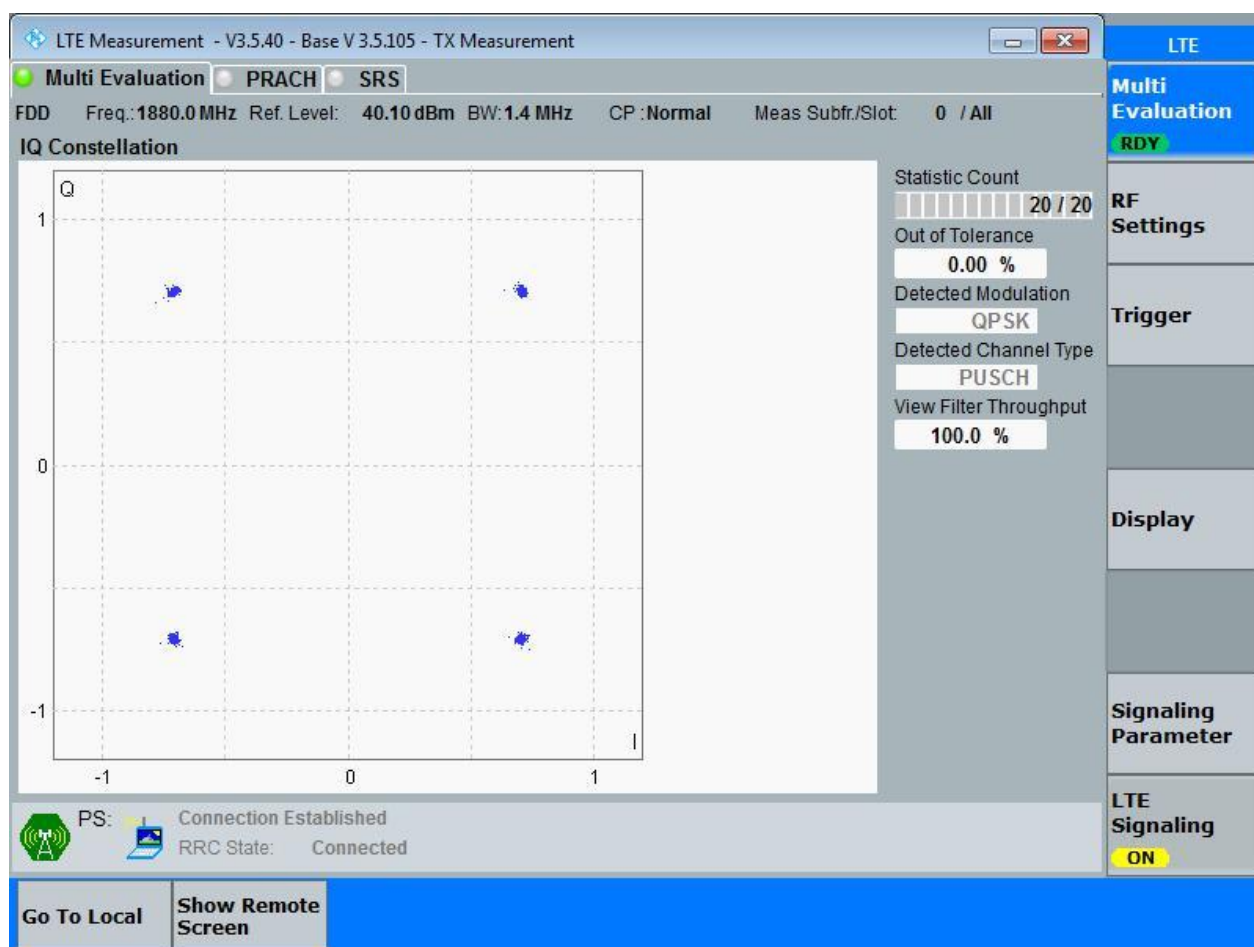
3.1.1 Test Band = BAND2

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

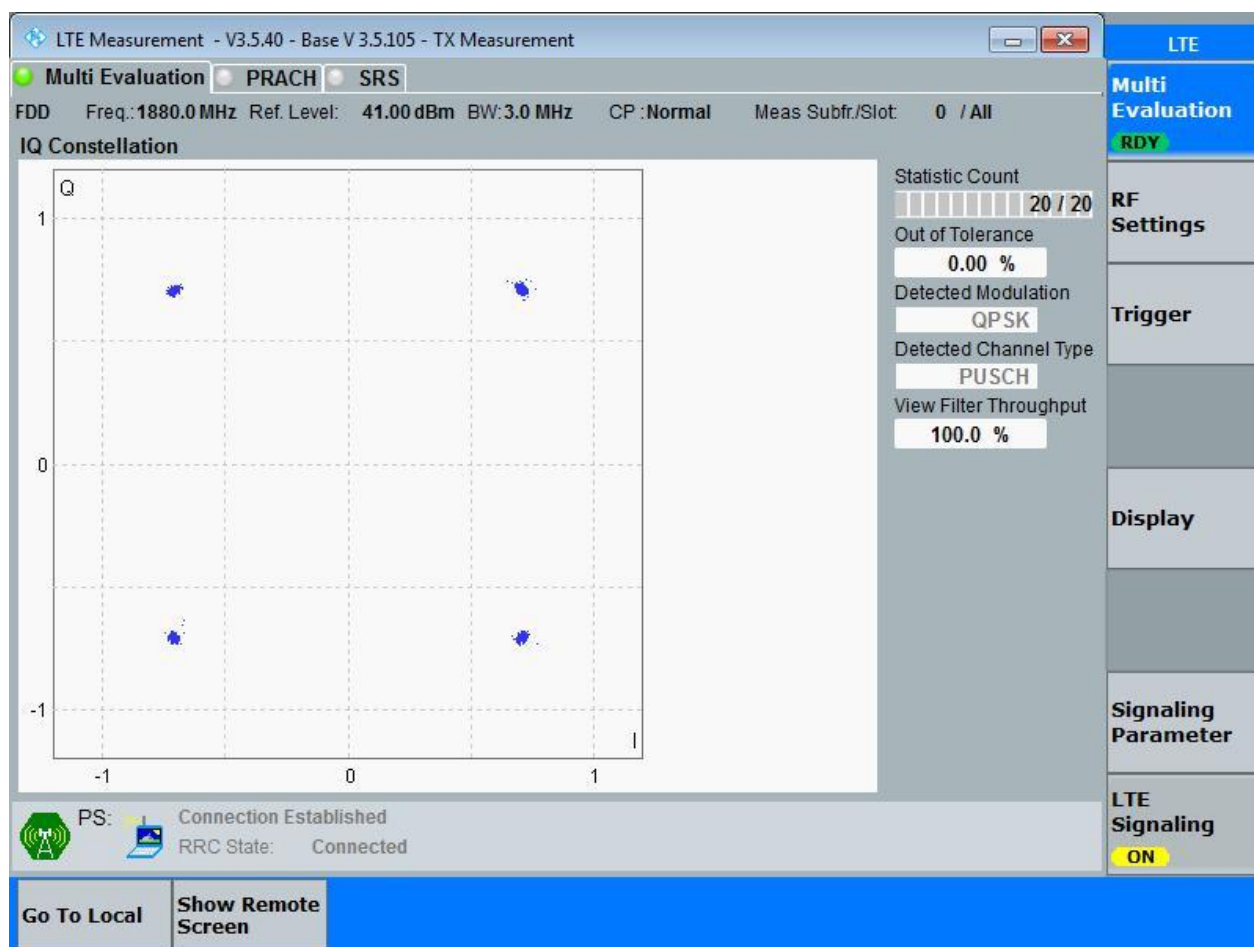
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

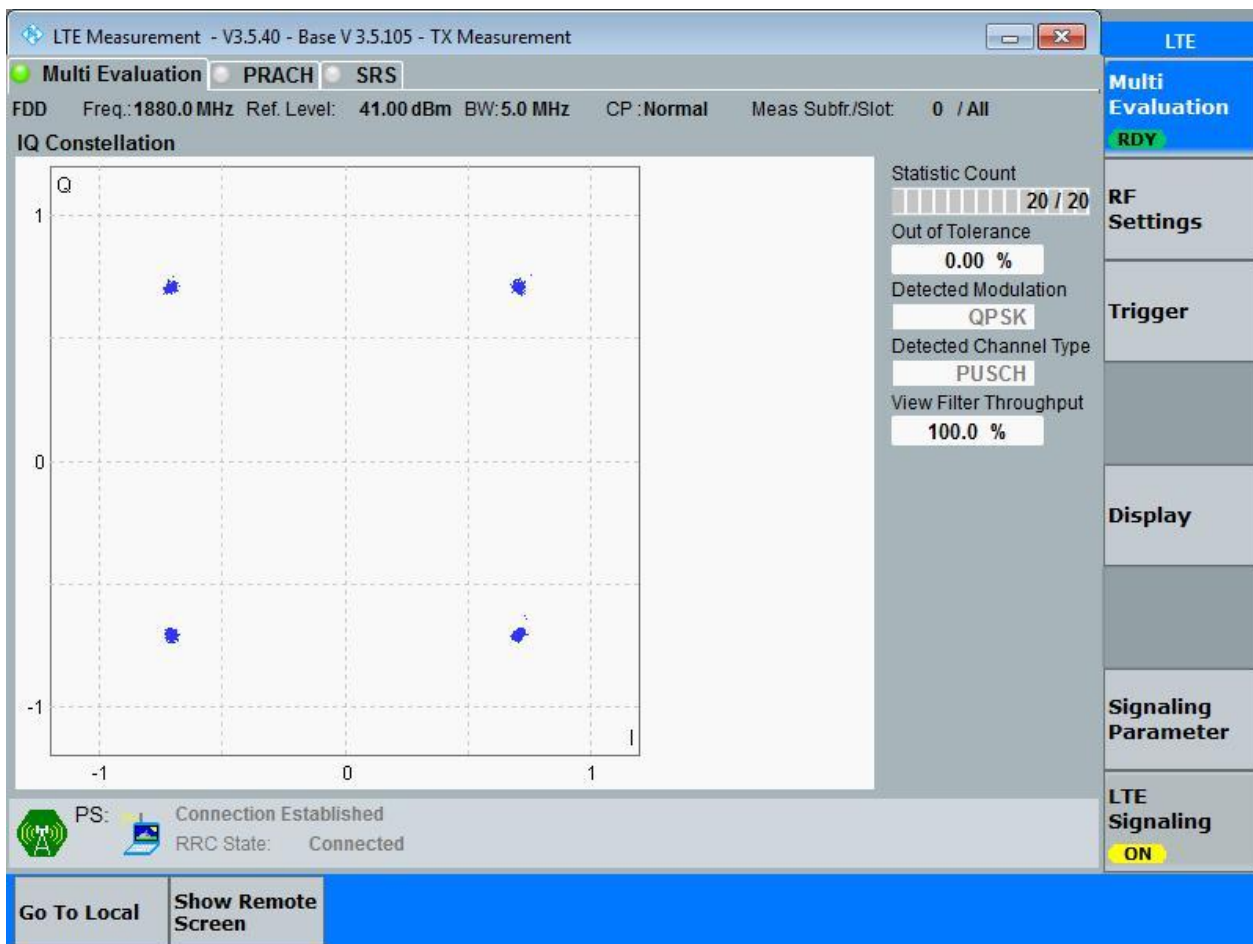
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

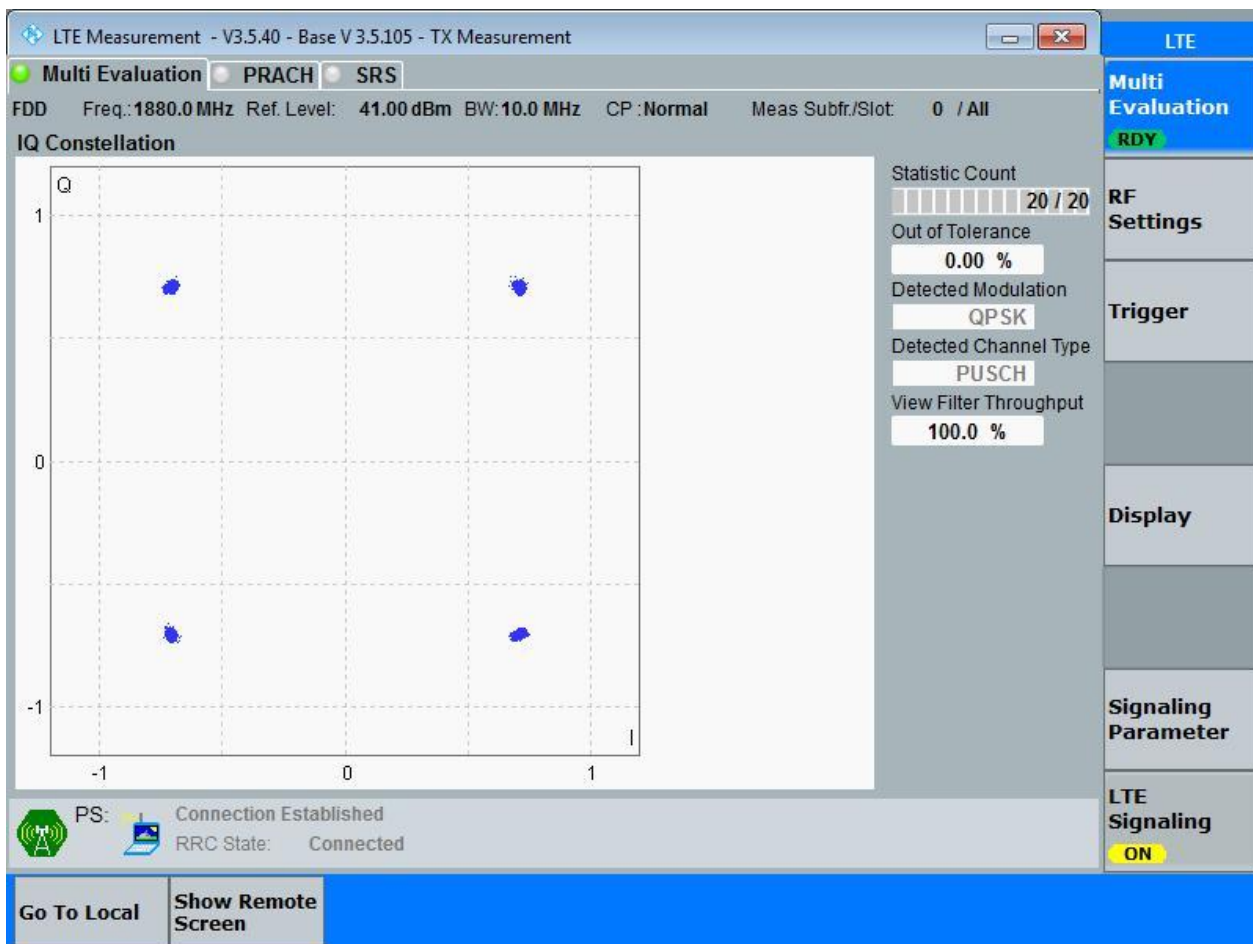
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

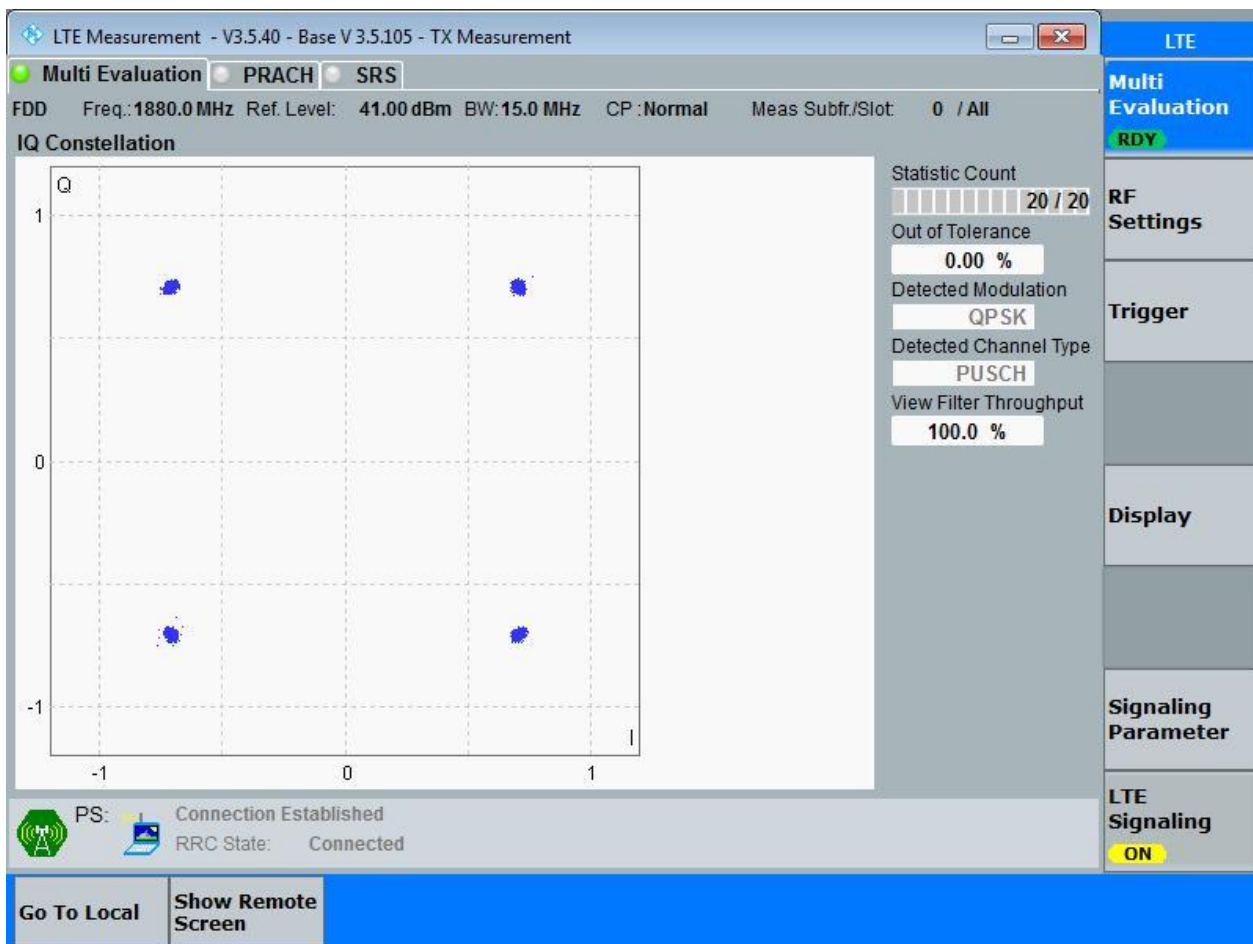
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

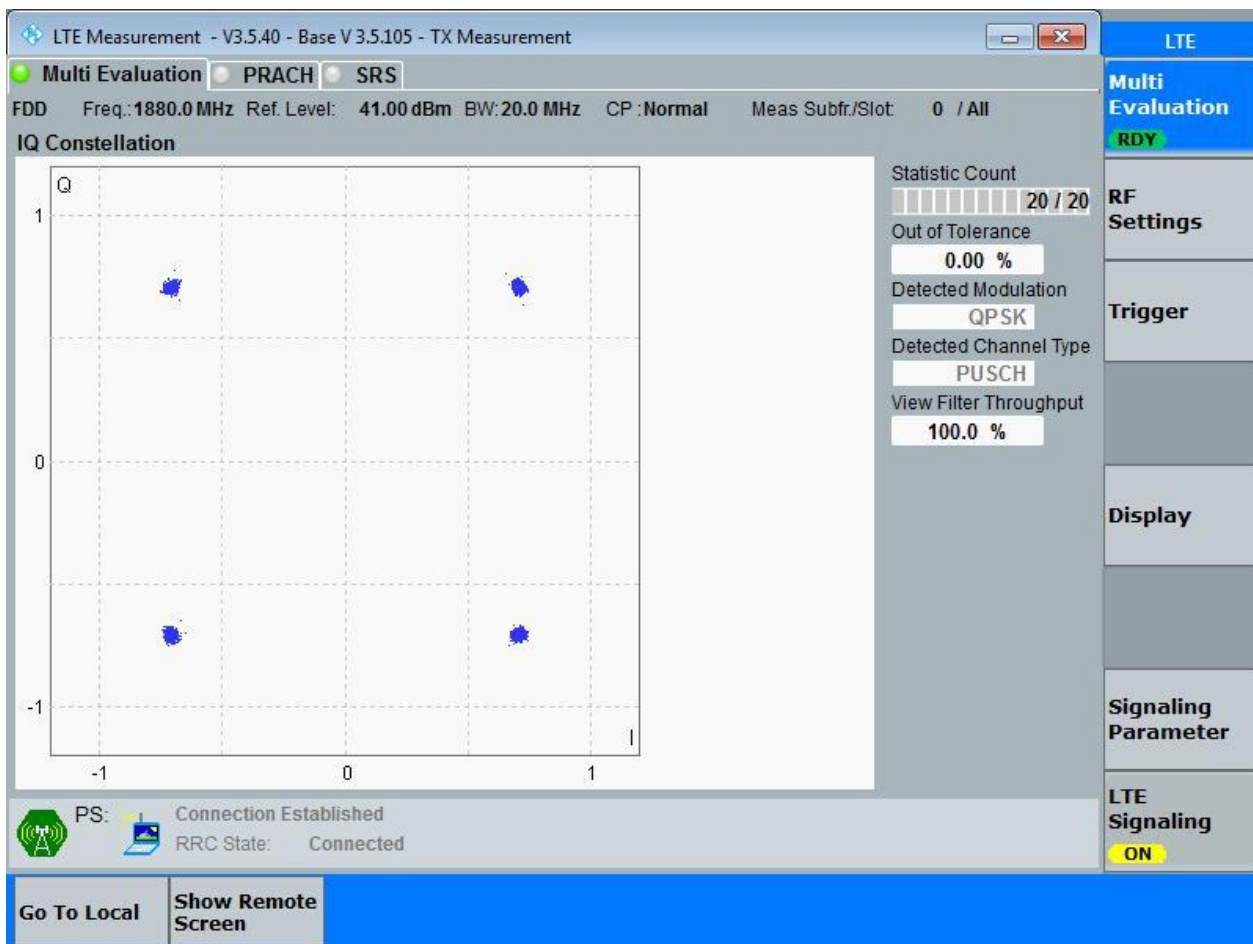
3.1.1.1.5.1.1 Test RB = RB75#0



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

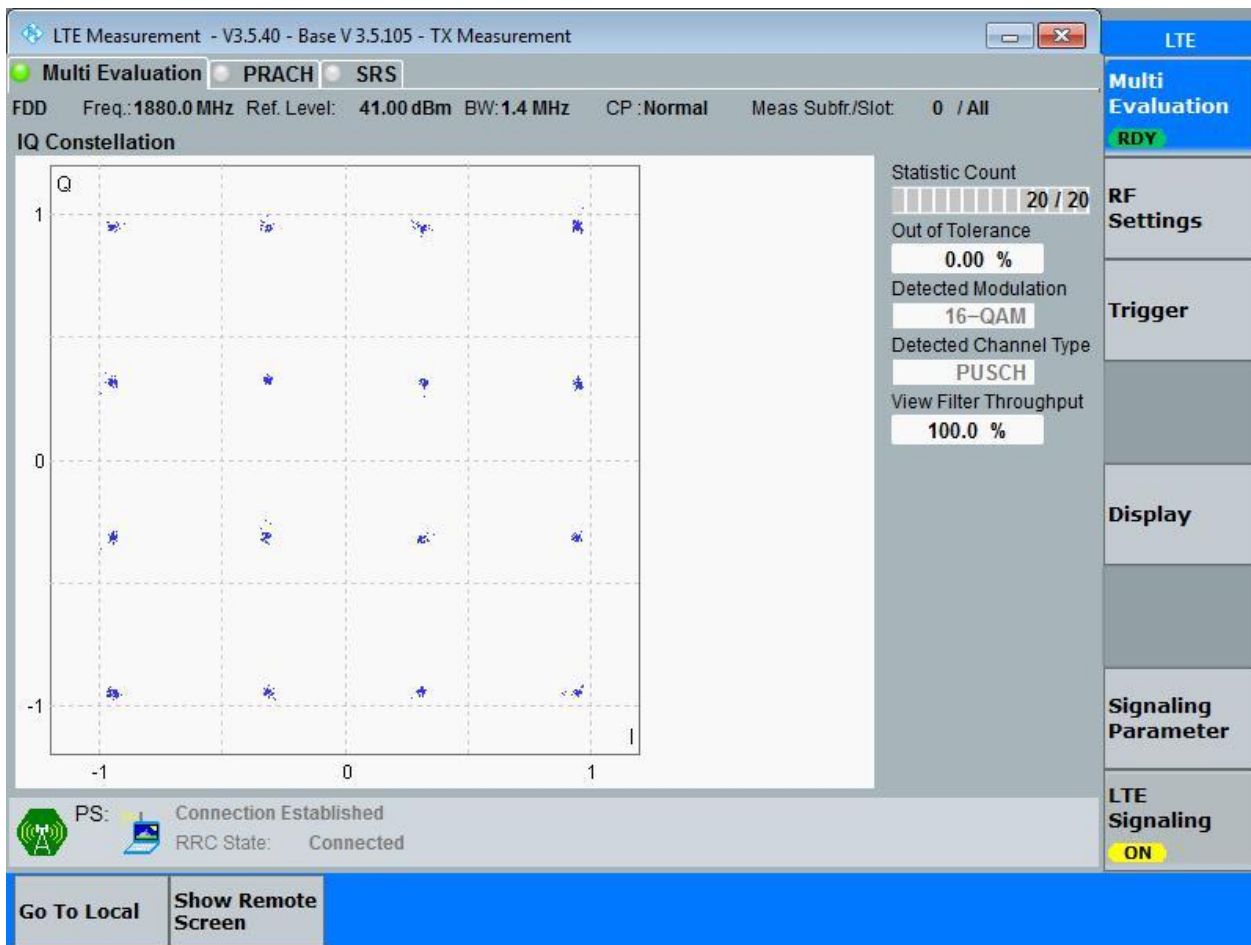


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

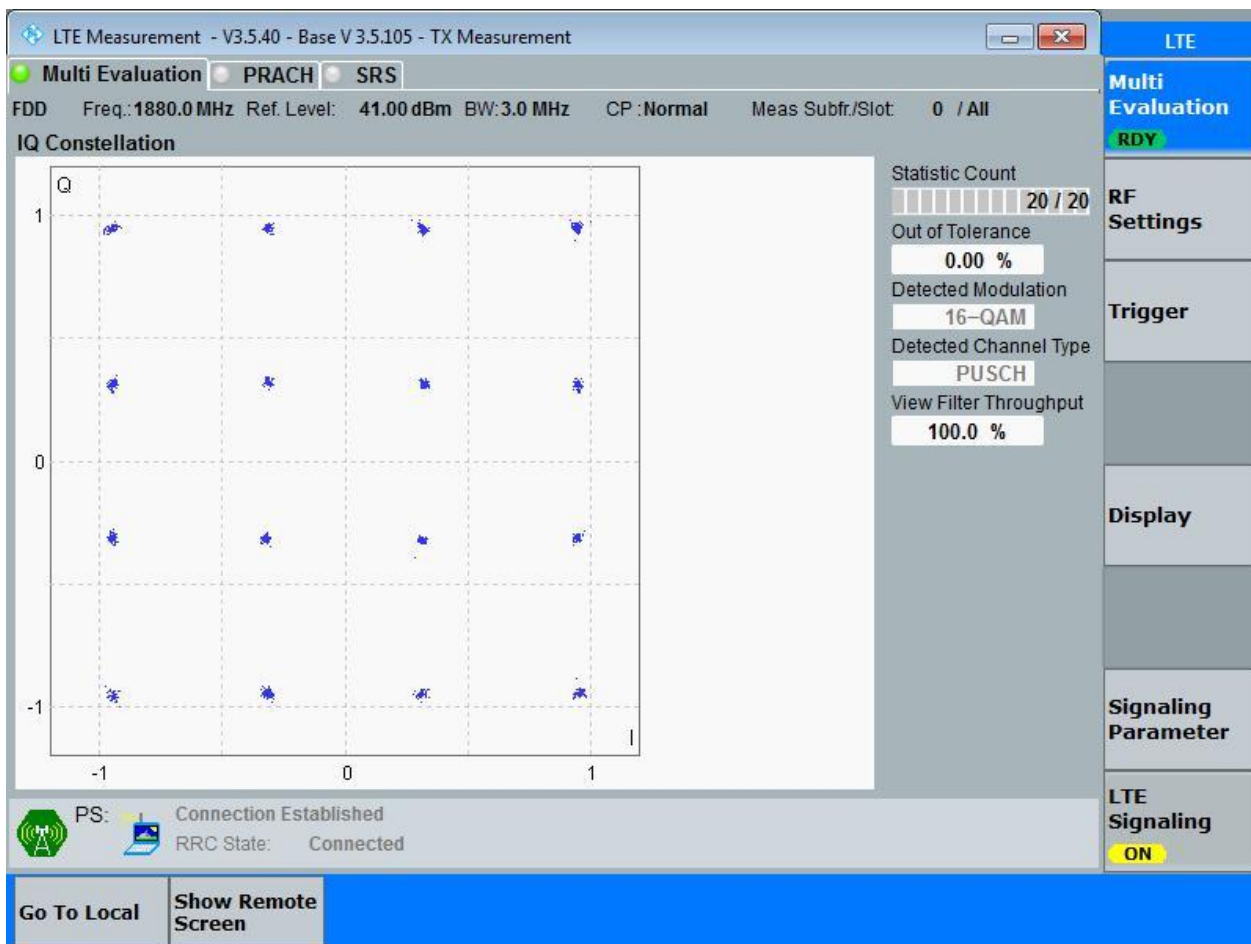
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

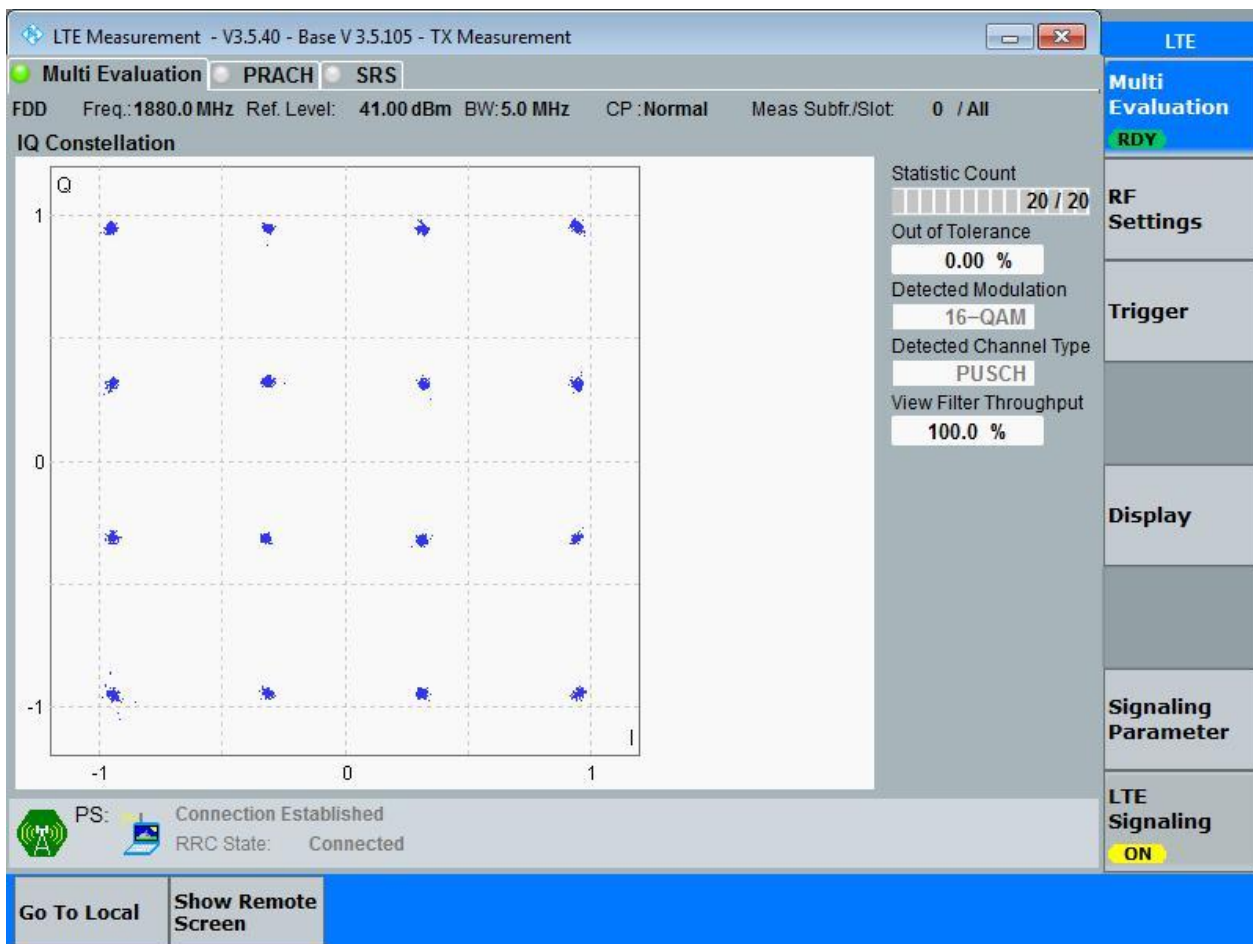
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

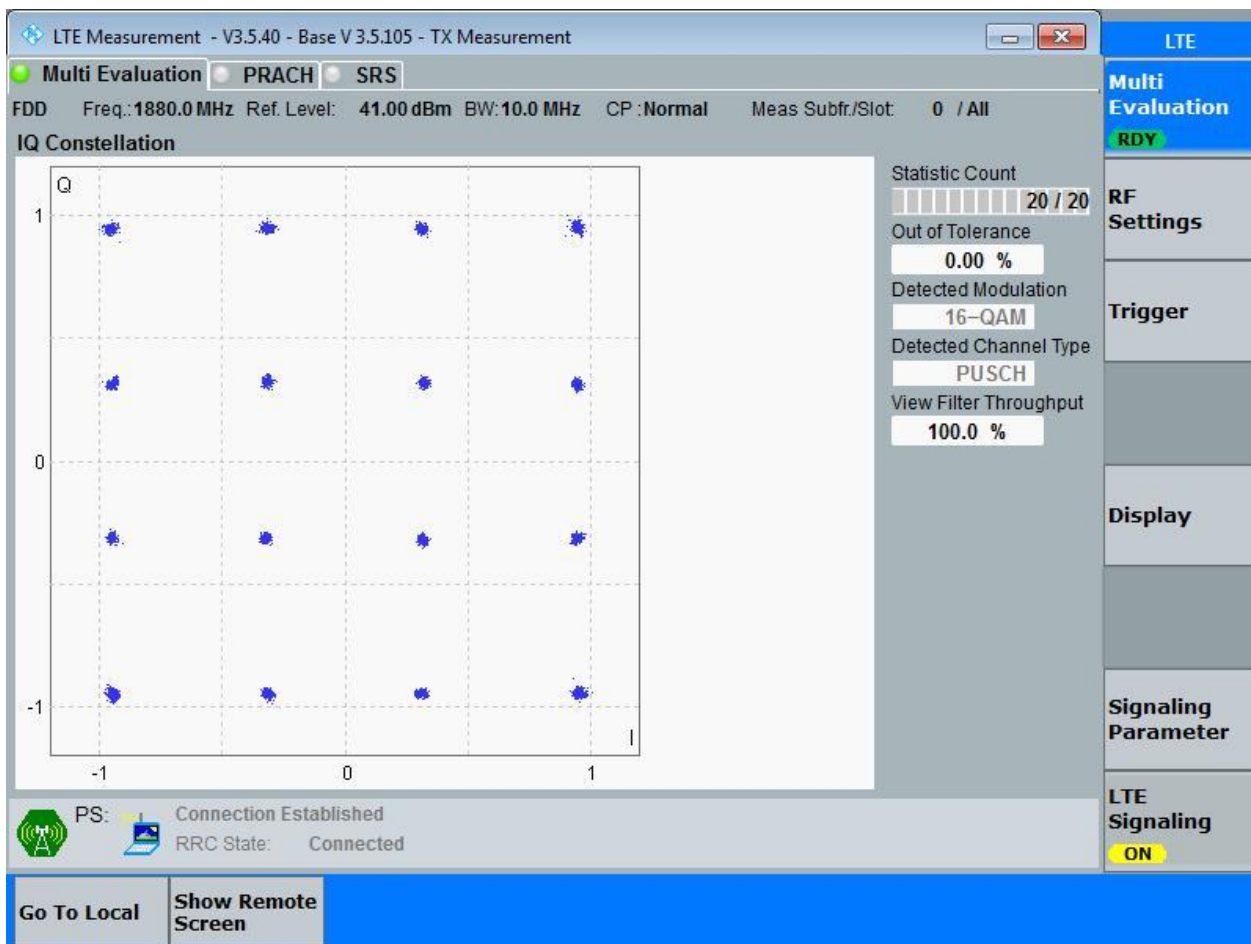
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

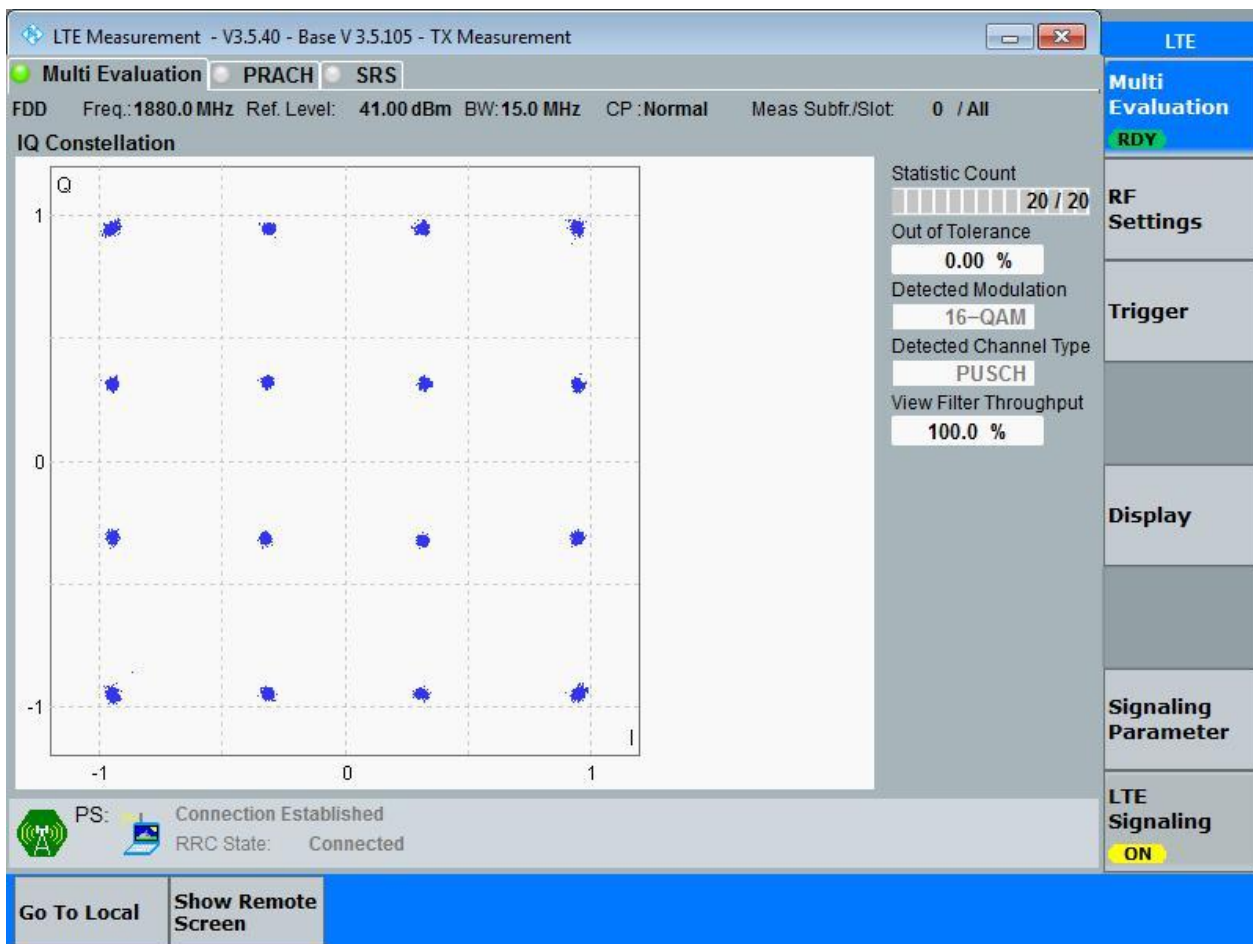
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

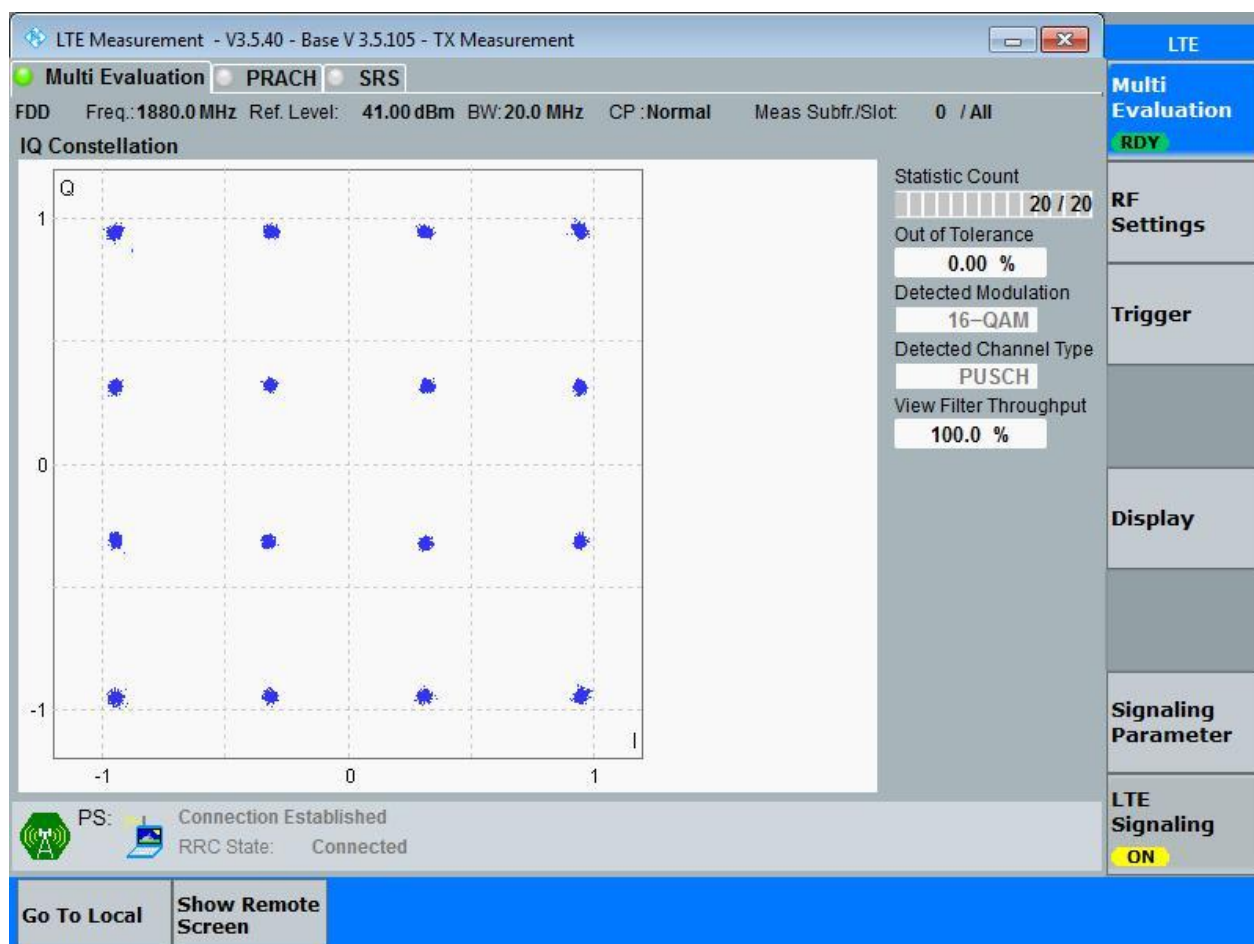
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.70	2.96	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.49	4.96	Pass
		10	LCH	RB50#0	9.00	9.93	Pass
			MCH	RB50#0	8.99	9.90	Pass
			HCH	RB50#0	8.98	9.88	Pass
		15	LCH	RB75#0	13.48	15.07	Pass
			MCH	RB75#0	13.49	15.04	Pass
			HCH	RB75#0	13.50	15.00	Pass
		20	LCH	RB100#0	17.97	19.74	Pass
			MCH	RB100#0	17.94	19.63	Pass
			HCH	RB100#0	18.05	19.78	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.23	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.50	4.97	Pass
		10	LCH	RB50#0	9.00	9.94	Pass
			MCH	RB50#0	8.99	9.89	Pass
			HCH	RB50#0	9.00	9.89	Pass
		15	LCH	RB75#0	13.47	14.93	Pass
			MCH	RB75#0	13.48	14.97	Pass
			HCH	RB75#0	13.49	14.95	Pass
		20	LCH	RB100#0	18.01	19.82	Pass
			MCH	RB100#0	17.94	19.76	Pass
			HCH	RB100#0	18.01	19.73	Pass



Part II - Test Plots

4.1 For LTE

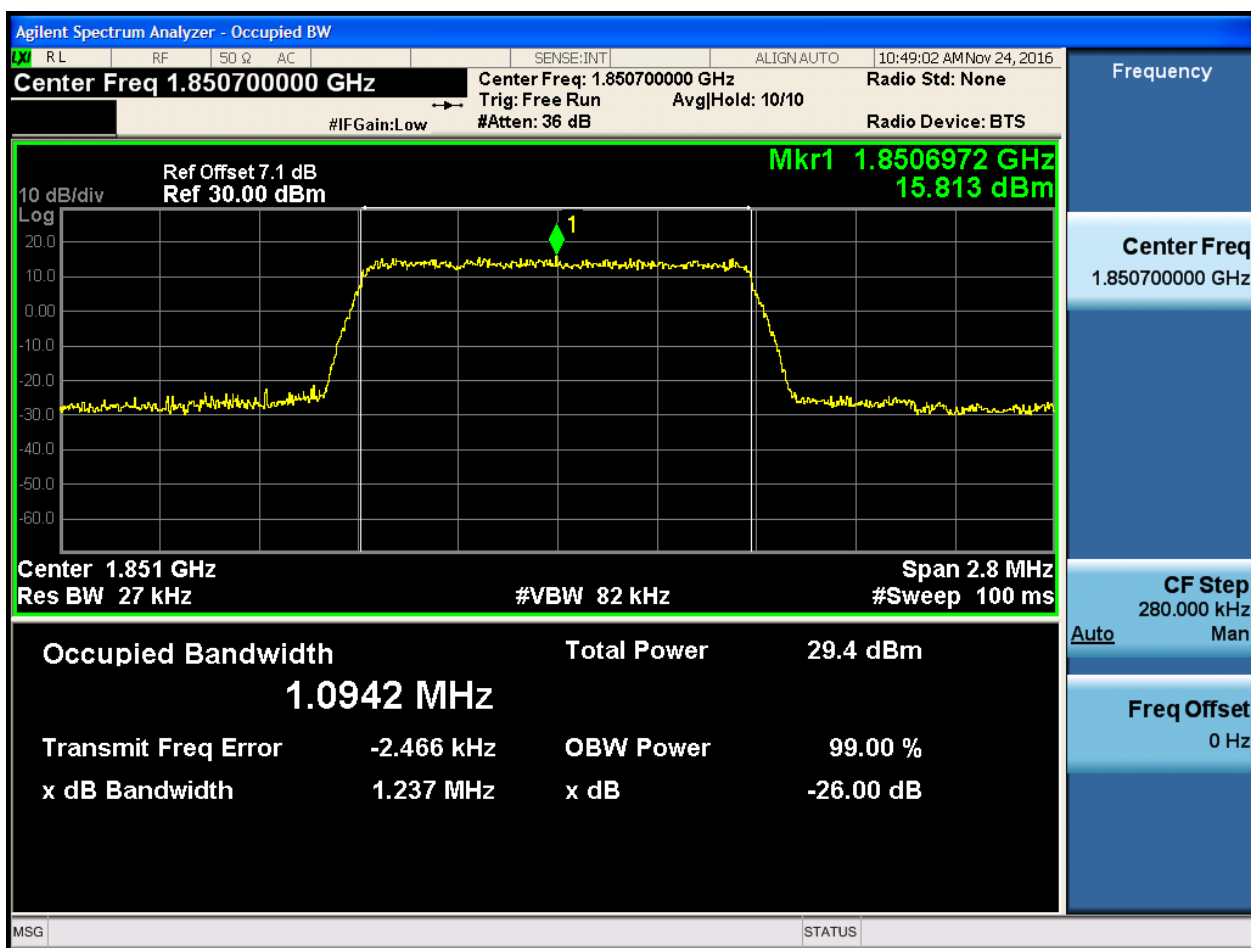
4.1.1 Test Band = BAND2

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

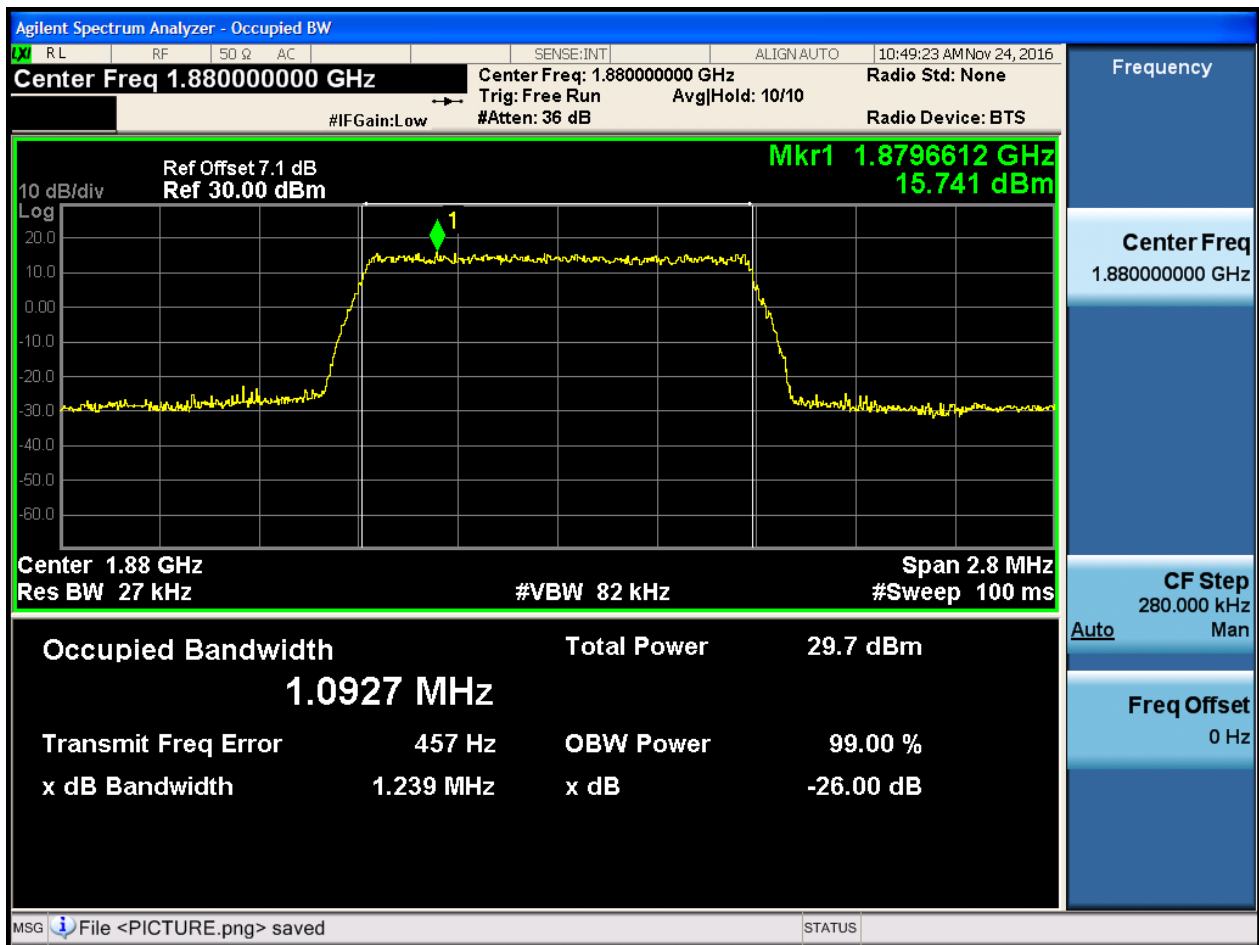
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

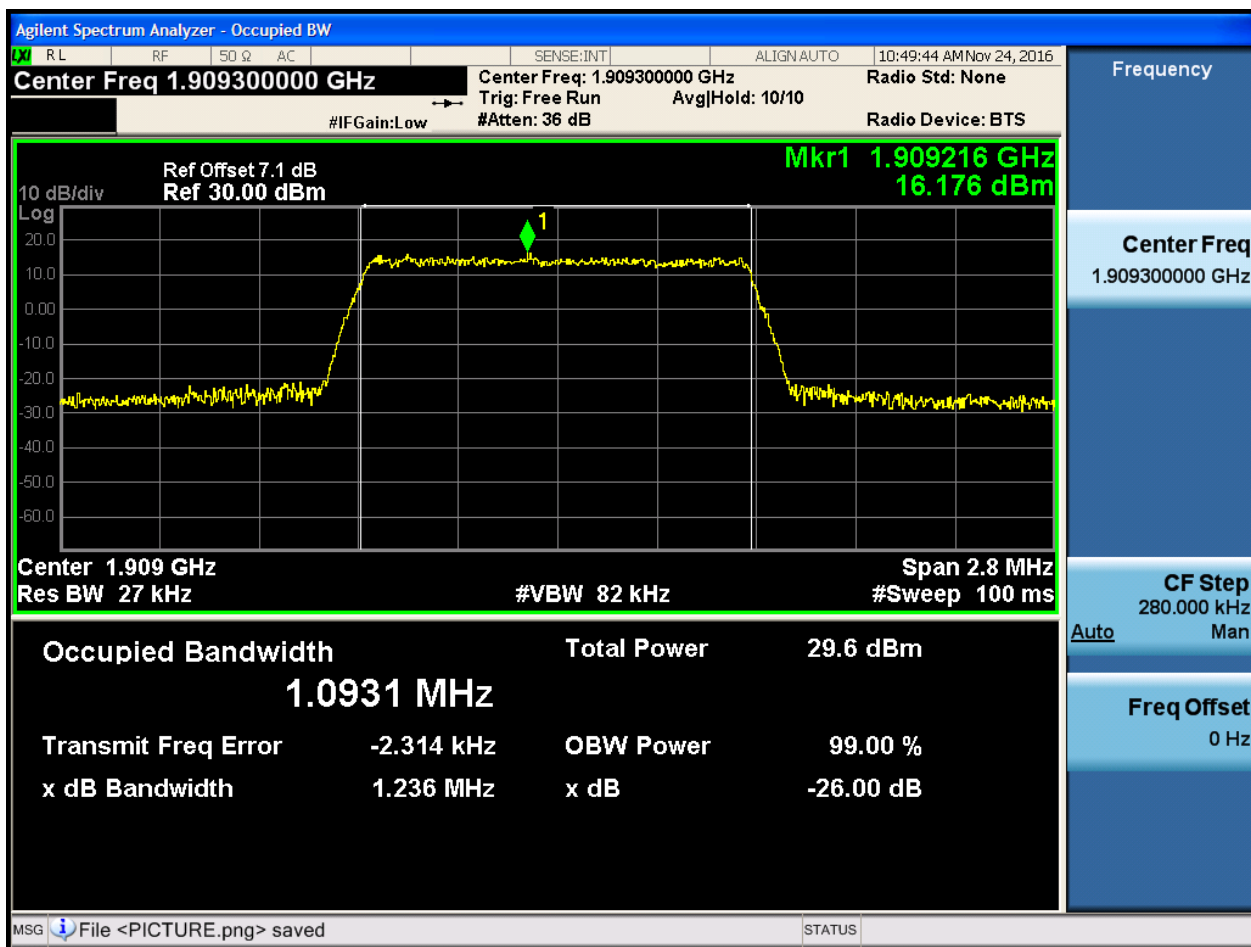
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

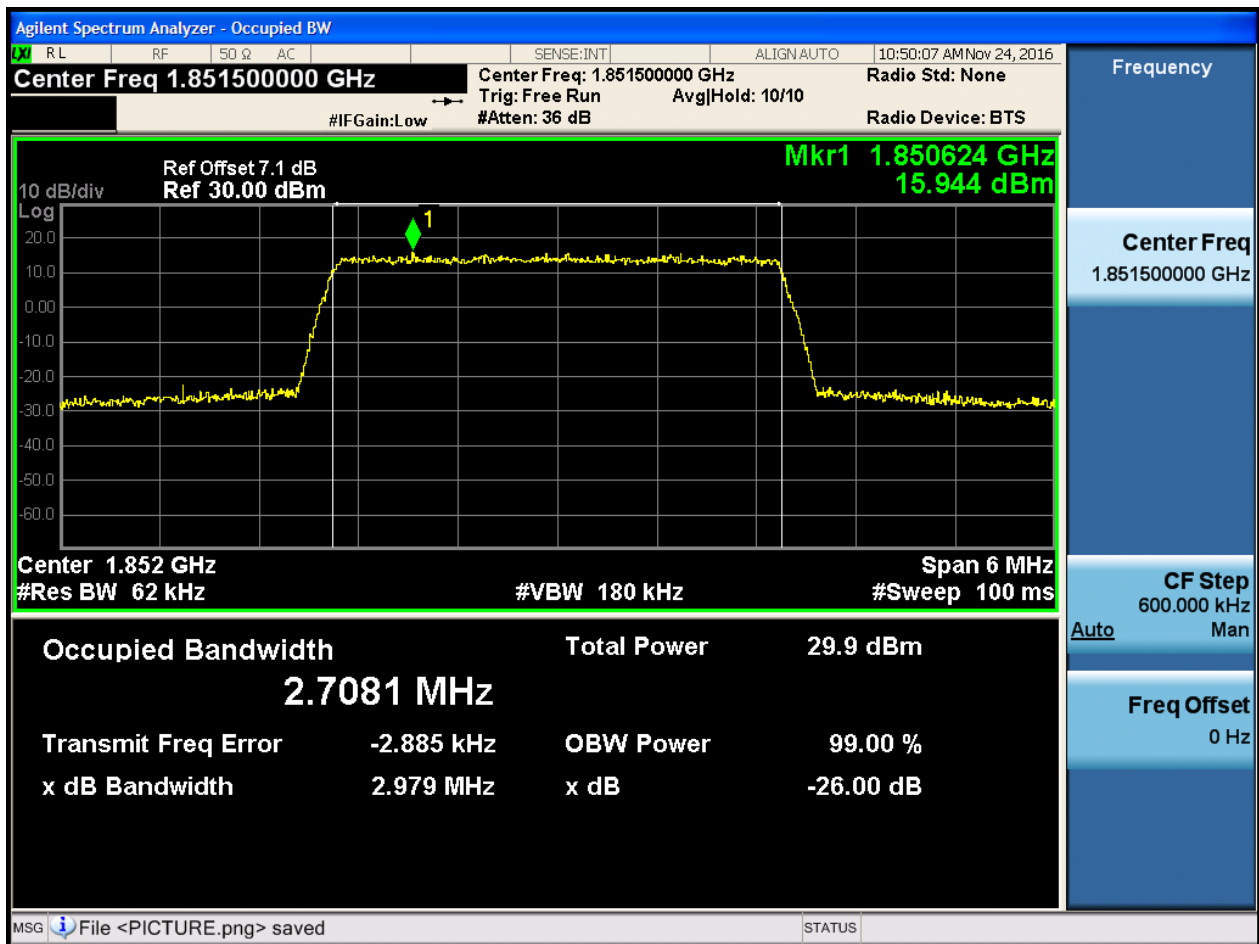




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

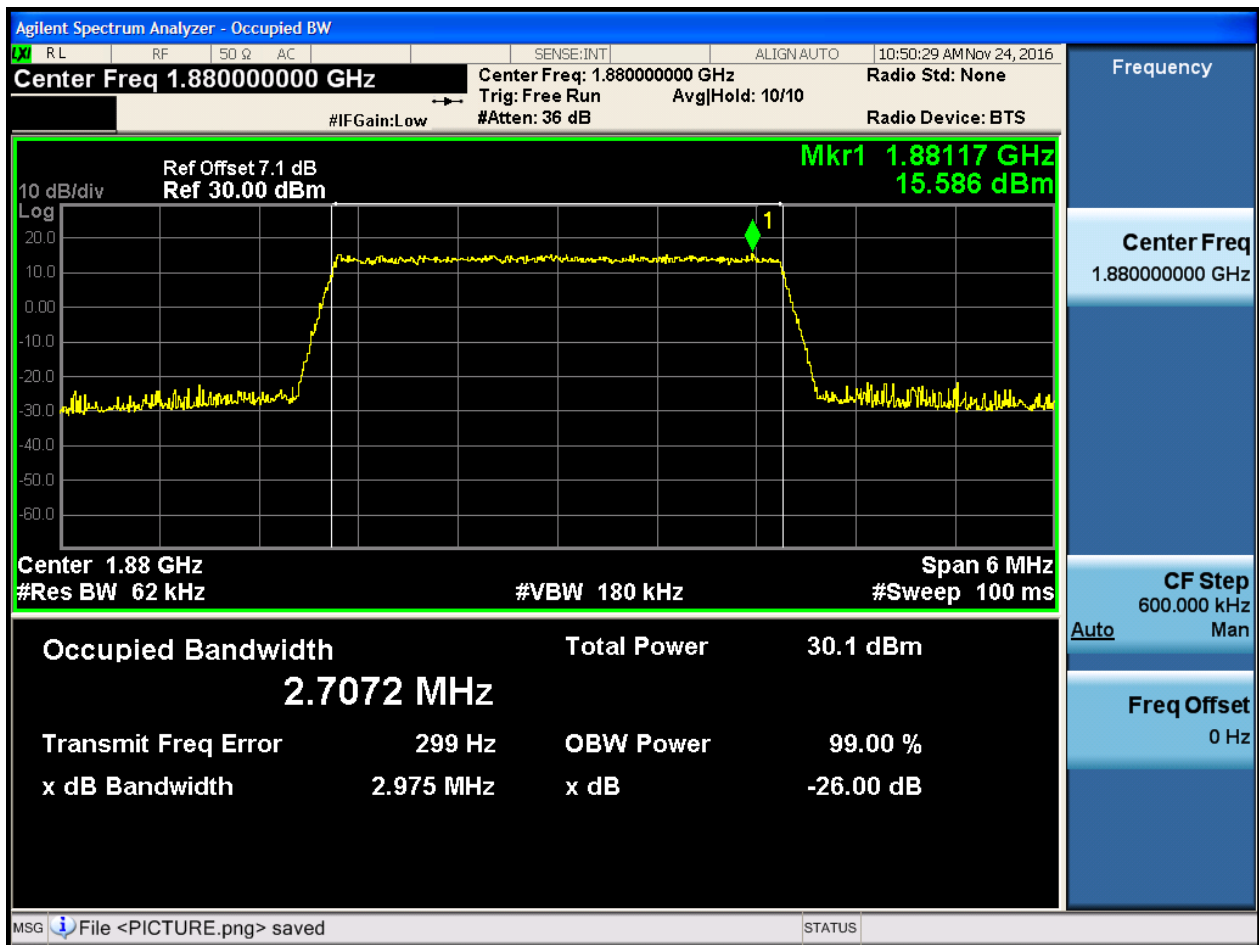
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

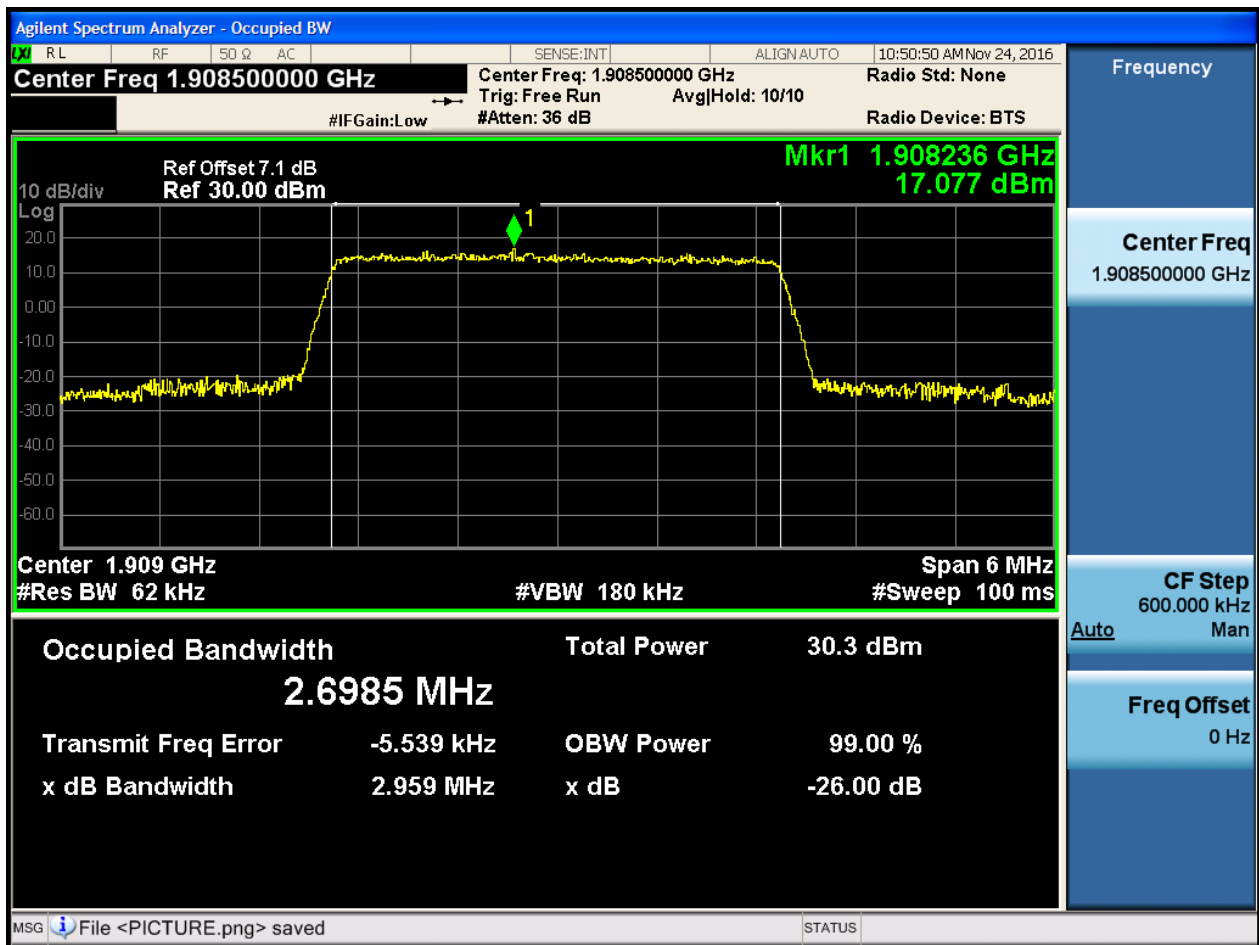
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

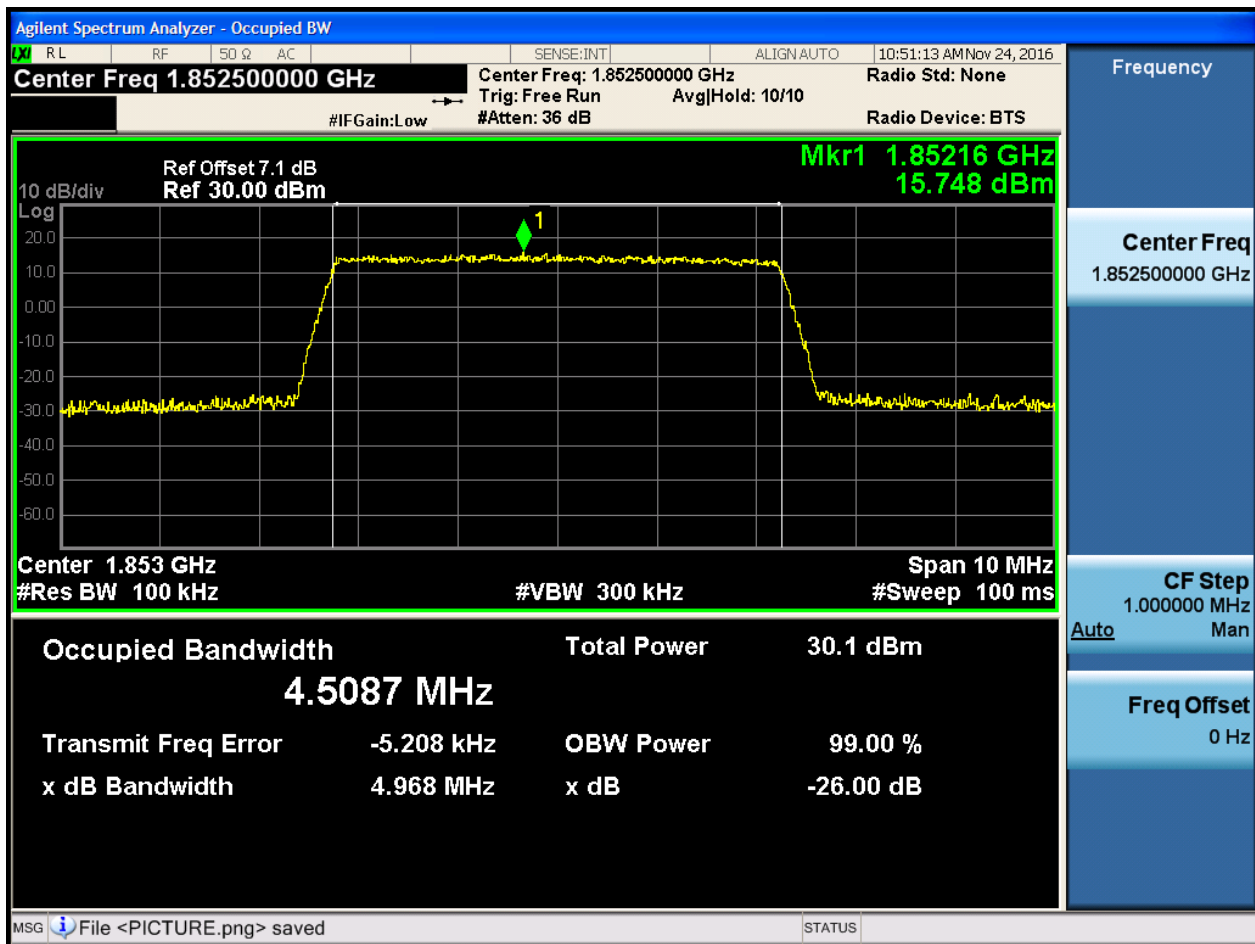




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

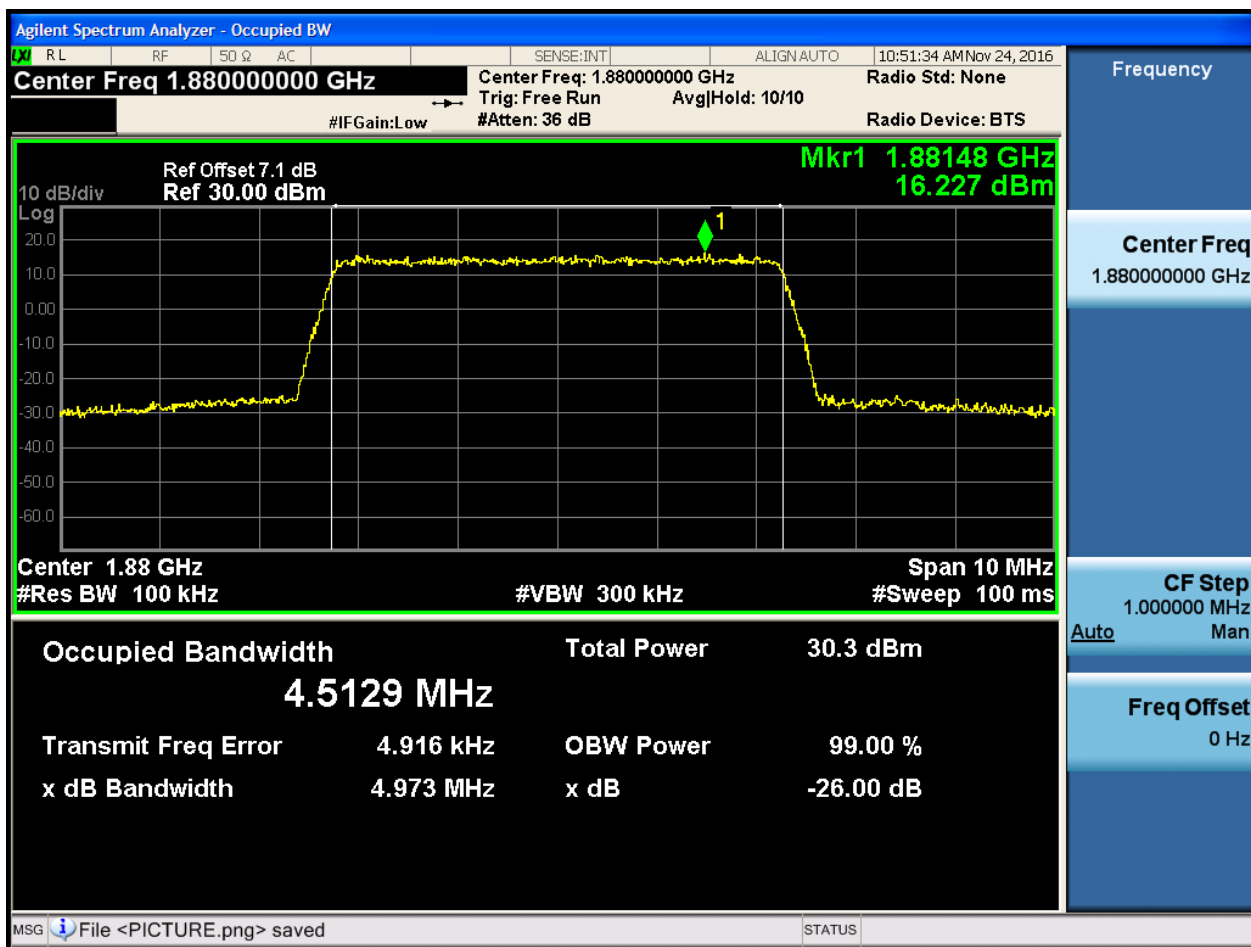
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

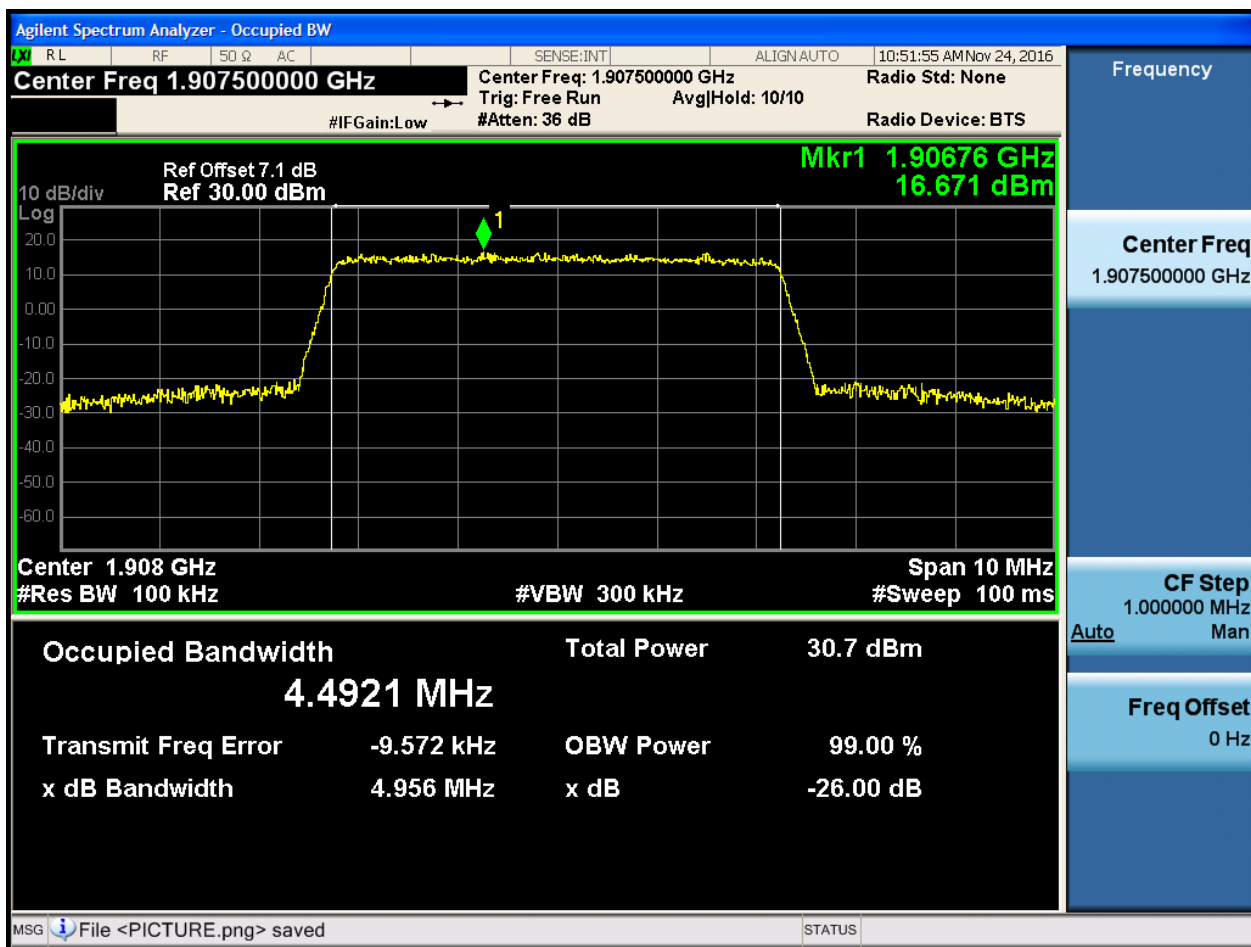
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

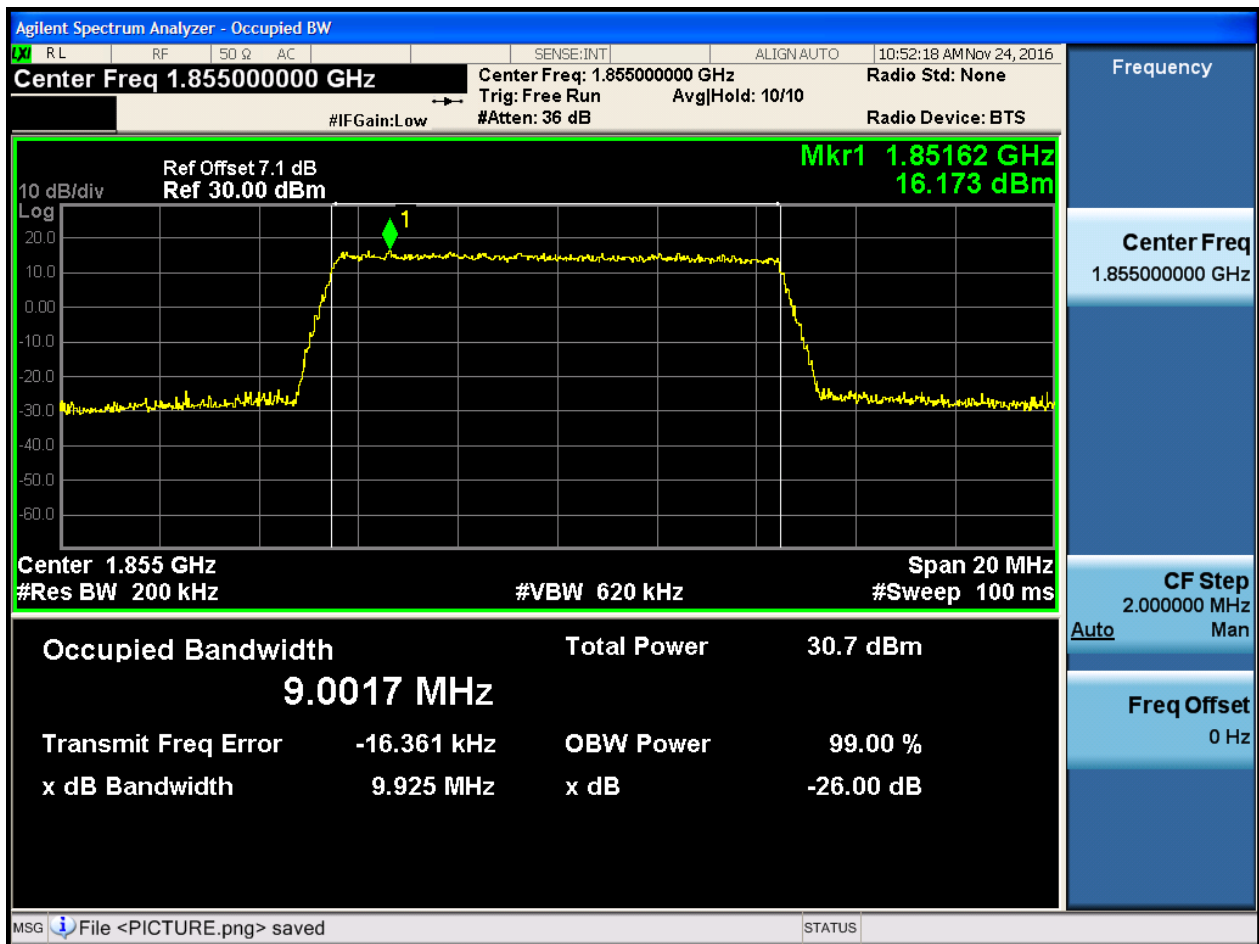




4.1.1.1.4 Test Bandwidth = 10

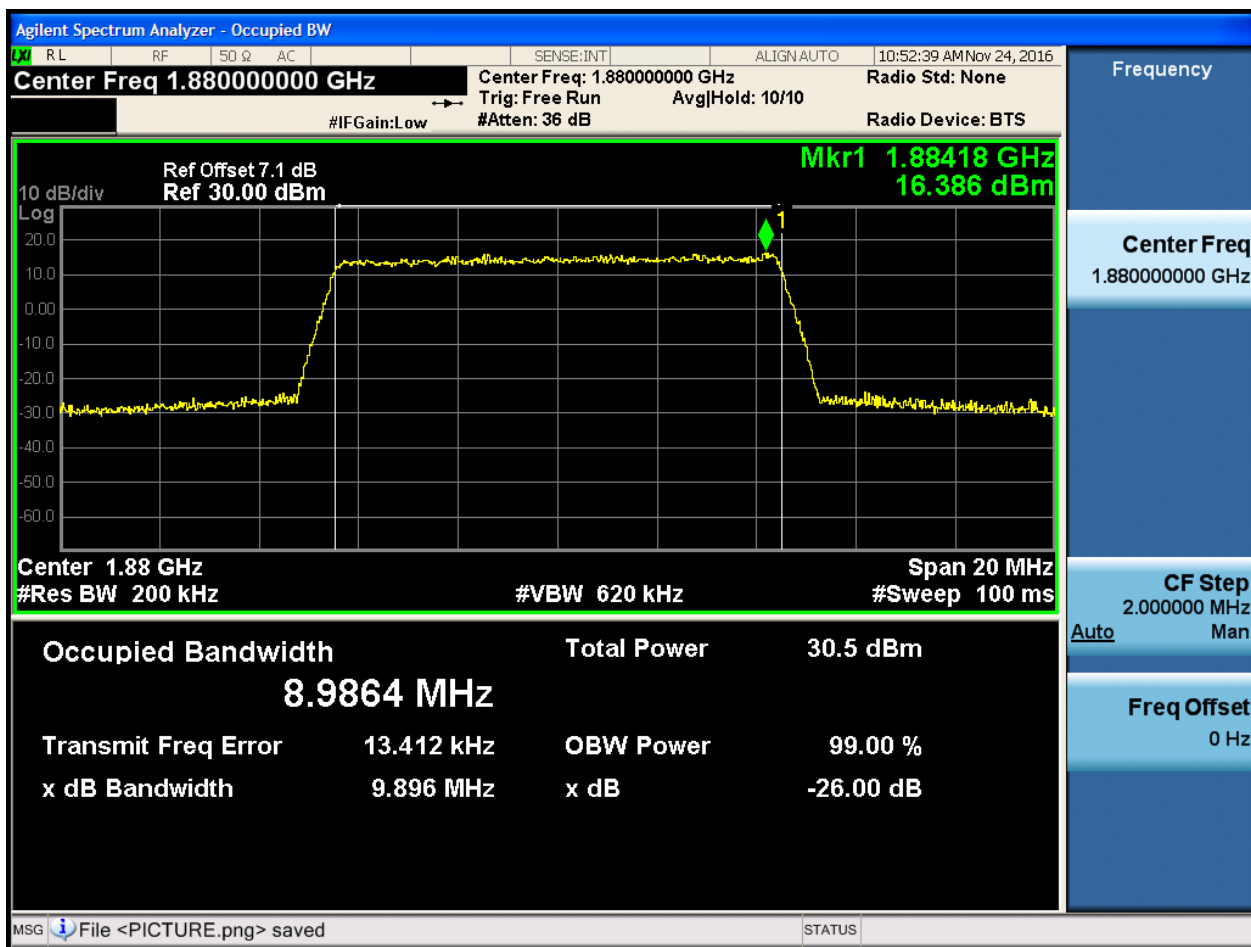
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

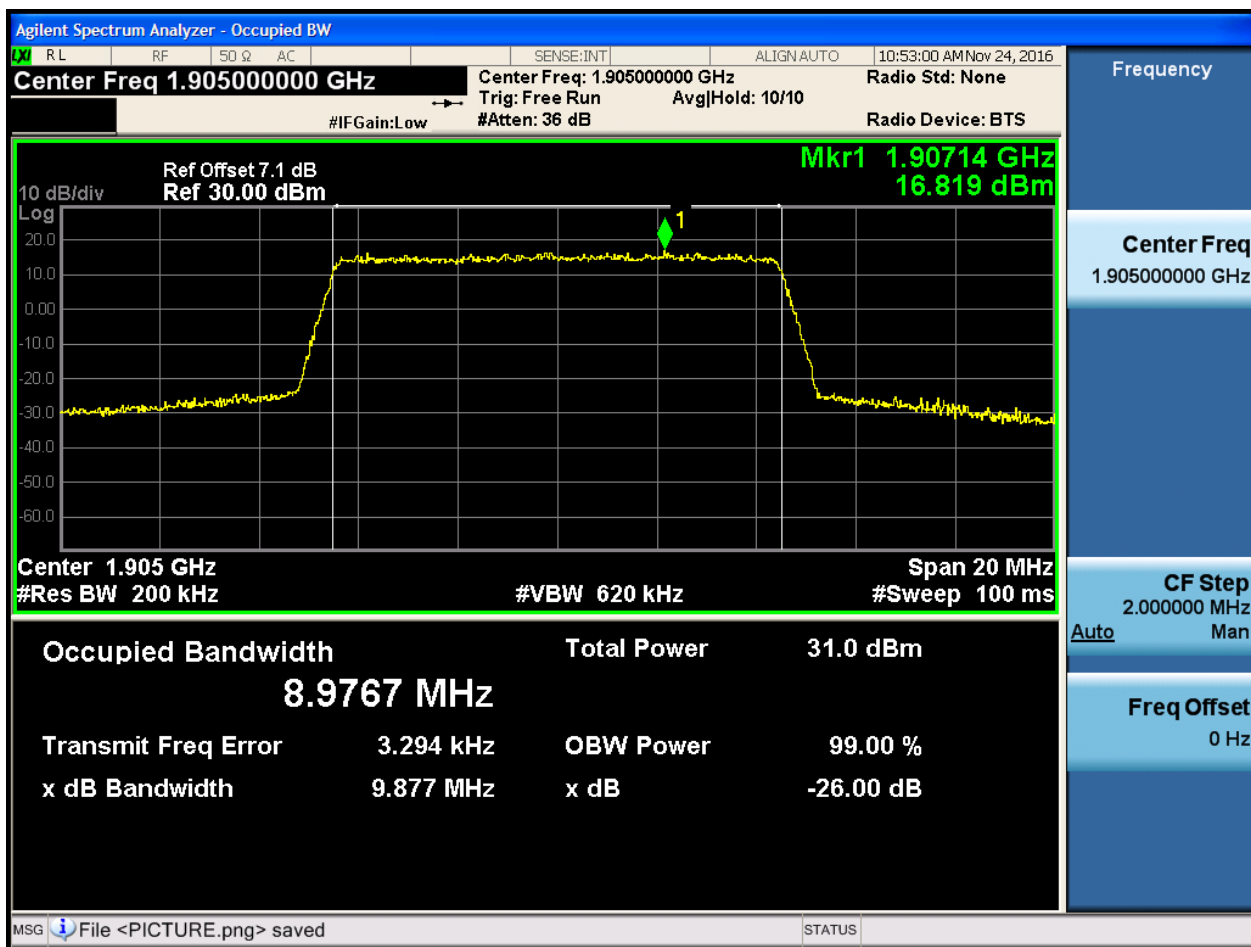
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

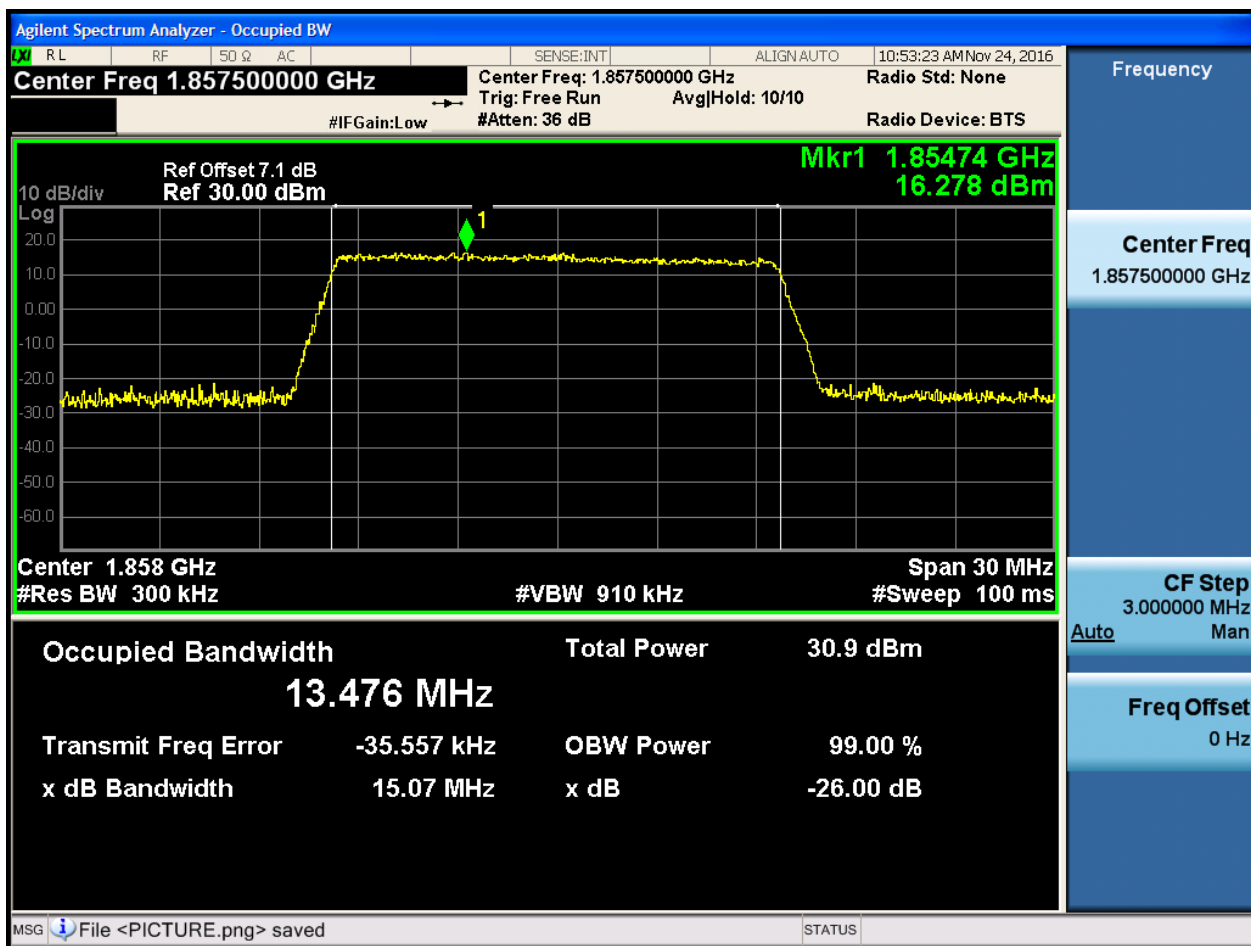




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

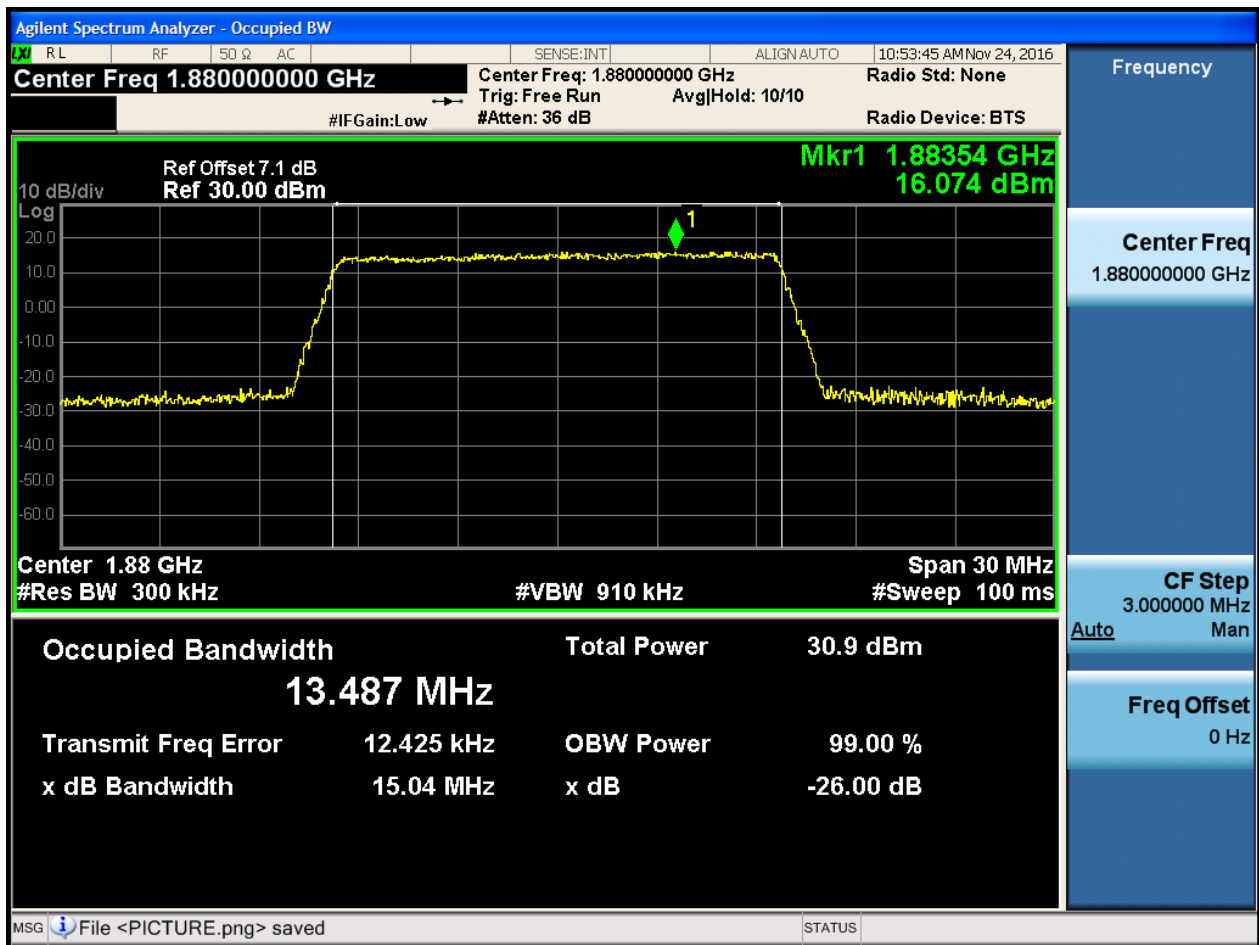
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

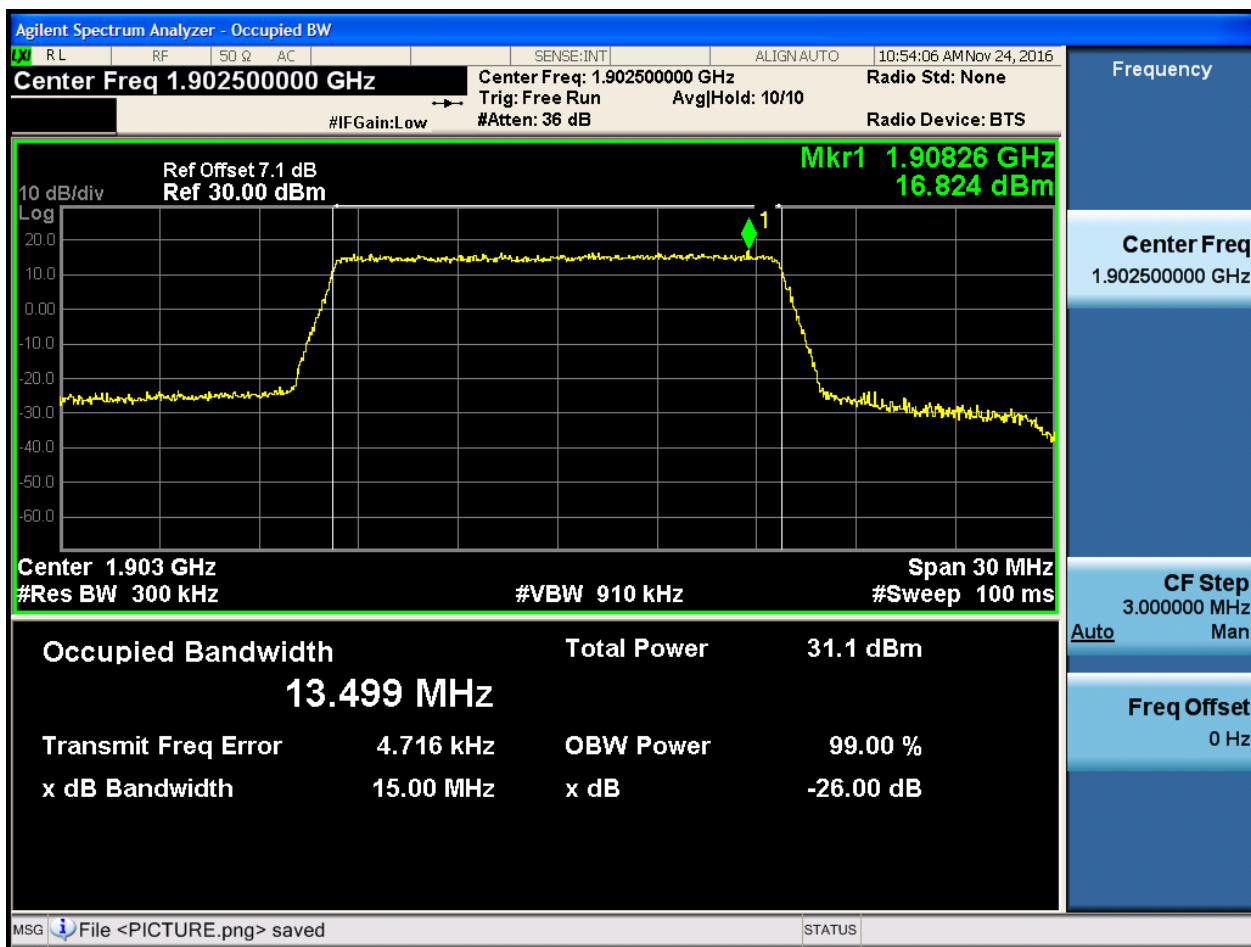
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

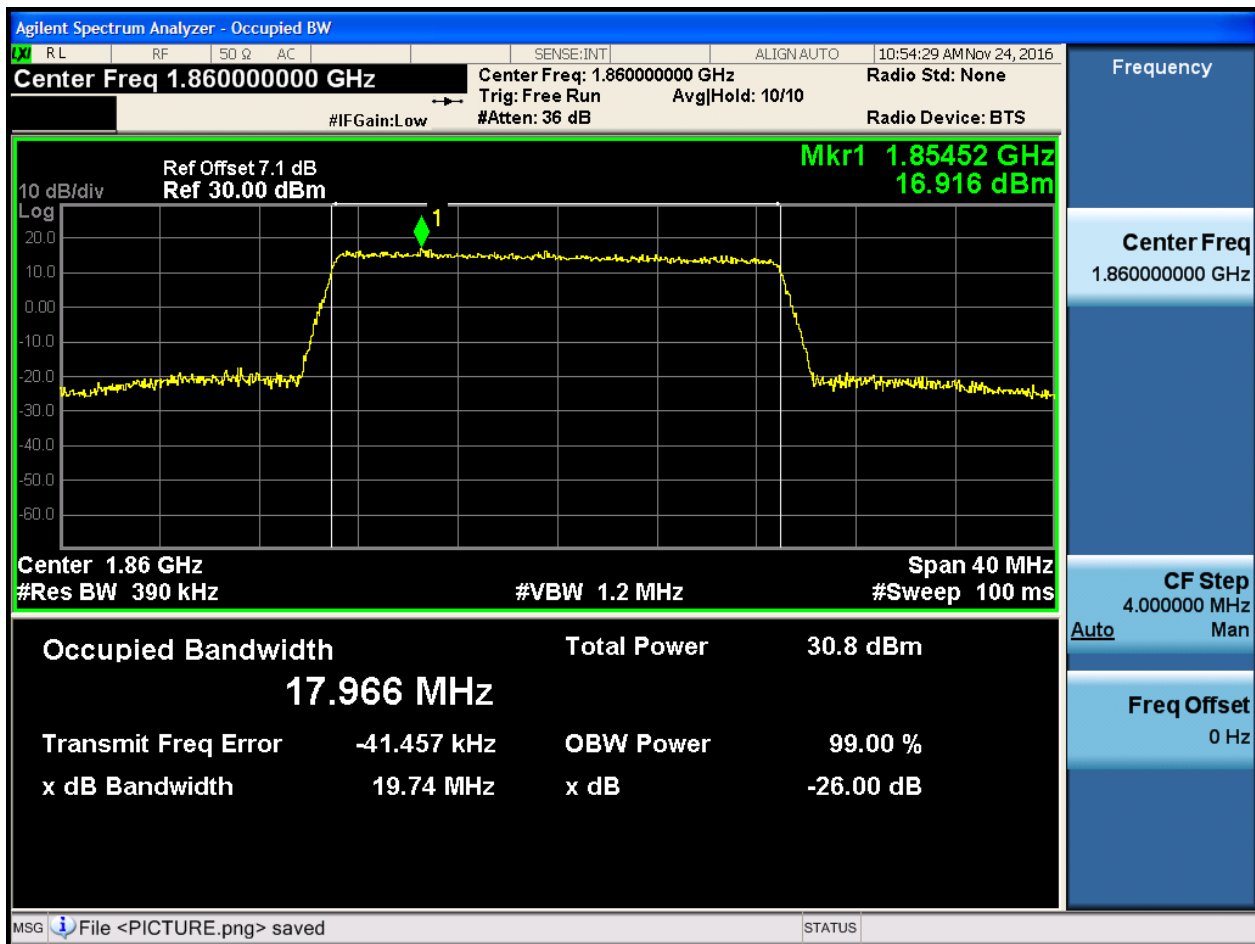




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

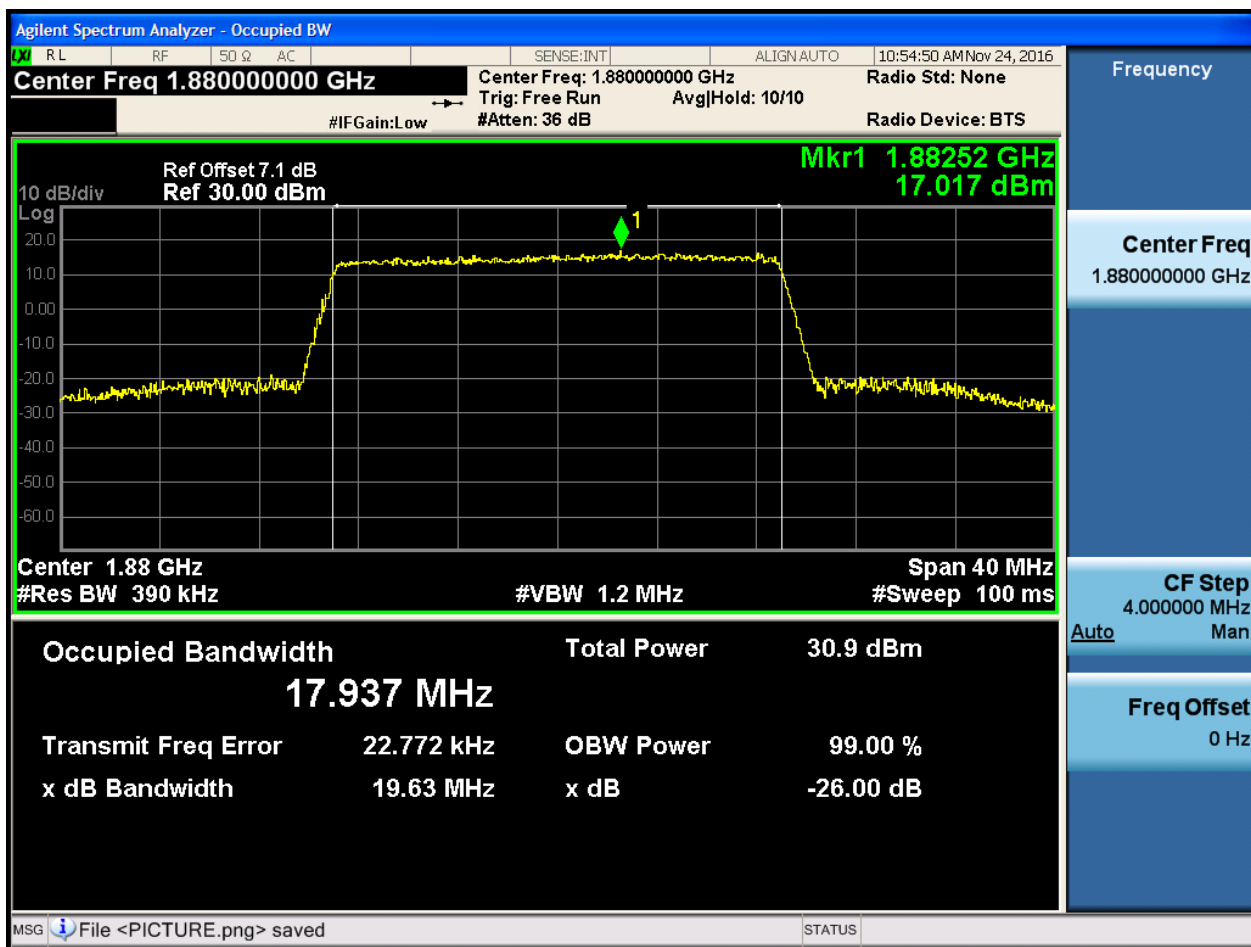
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

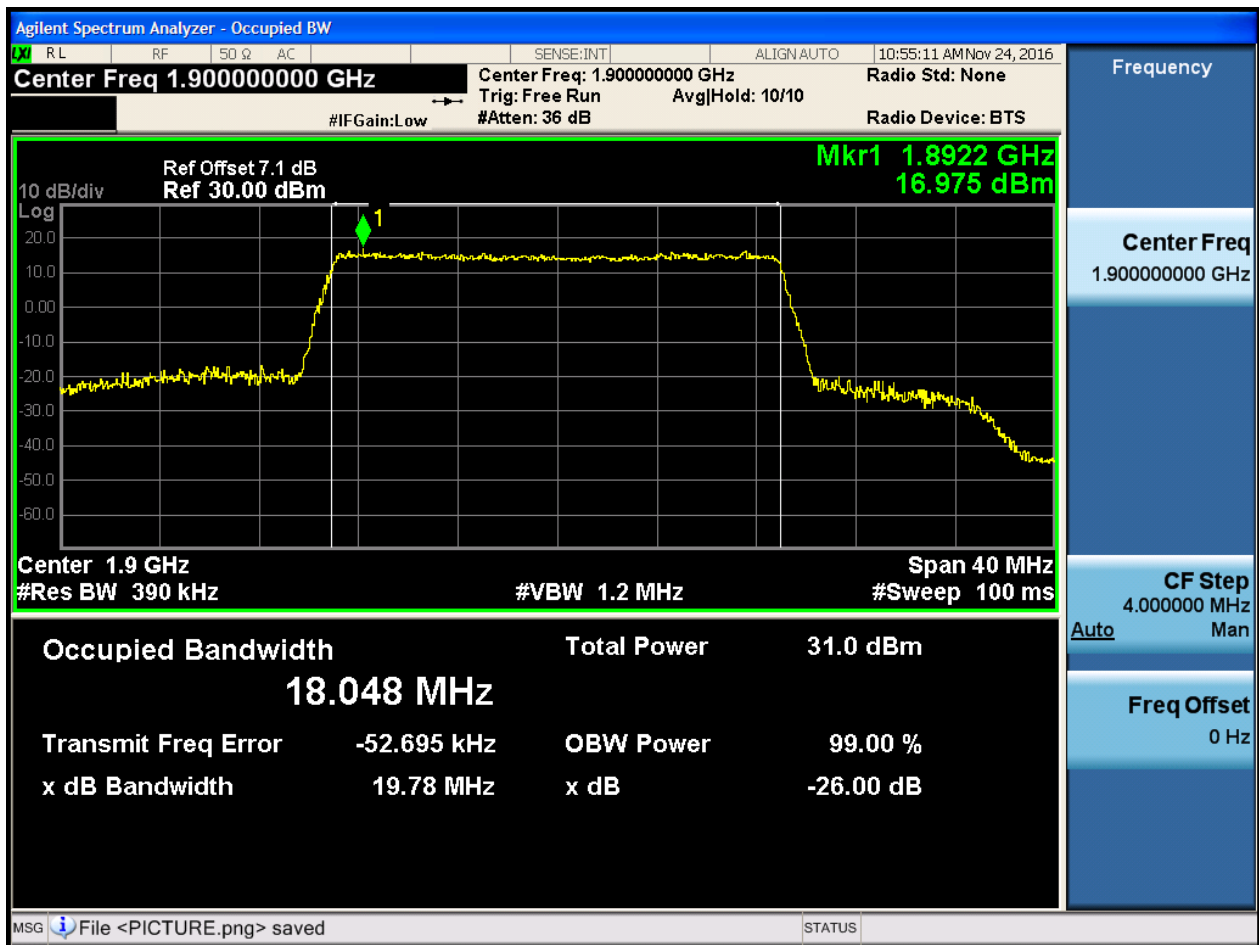
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



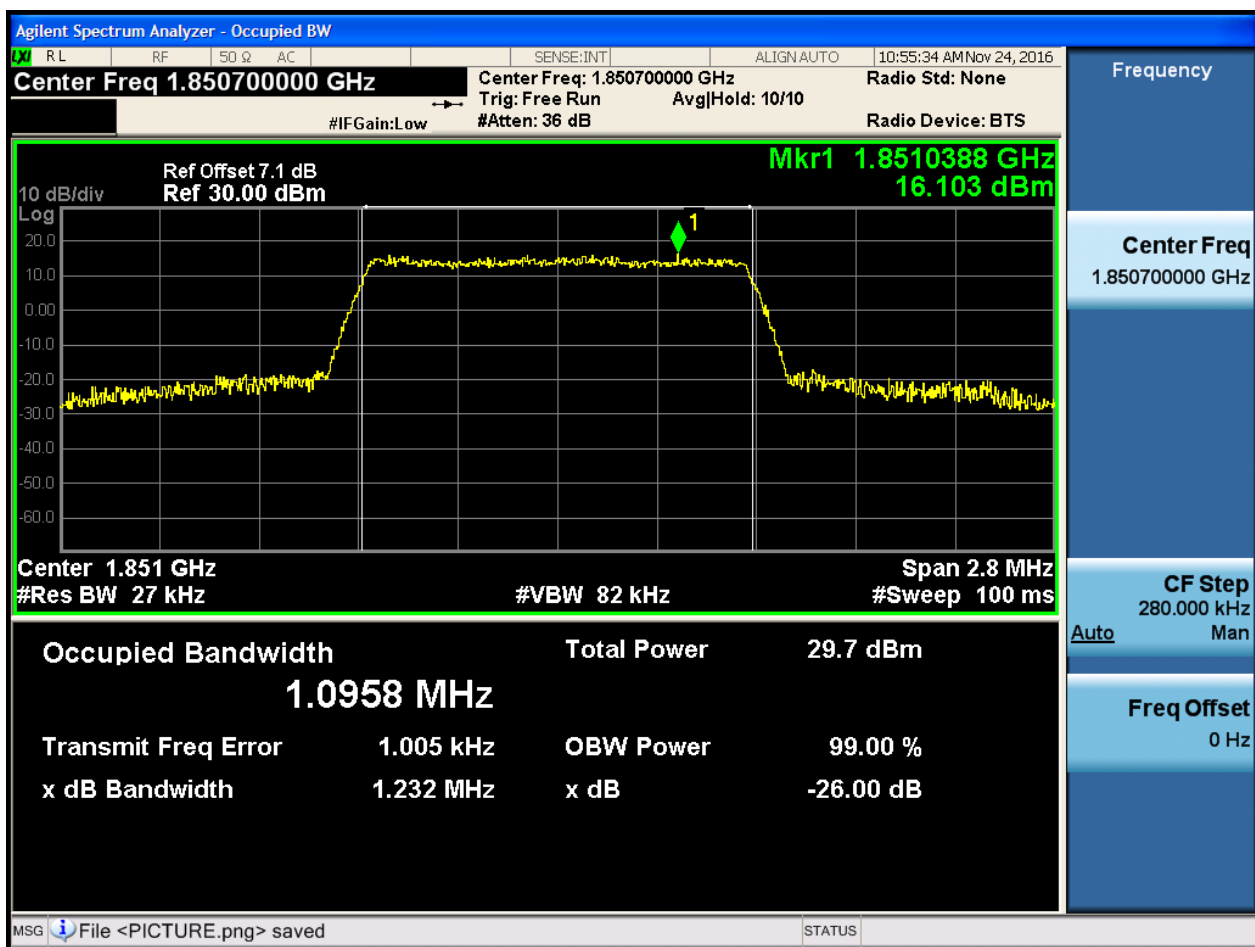


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

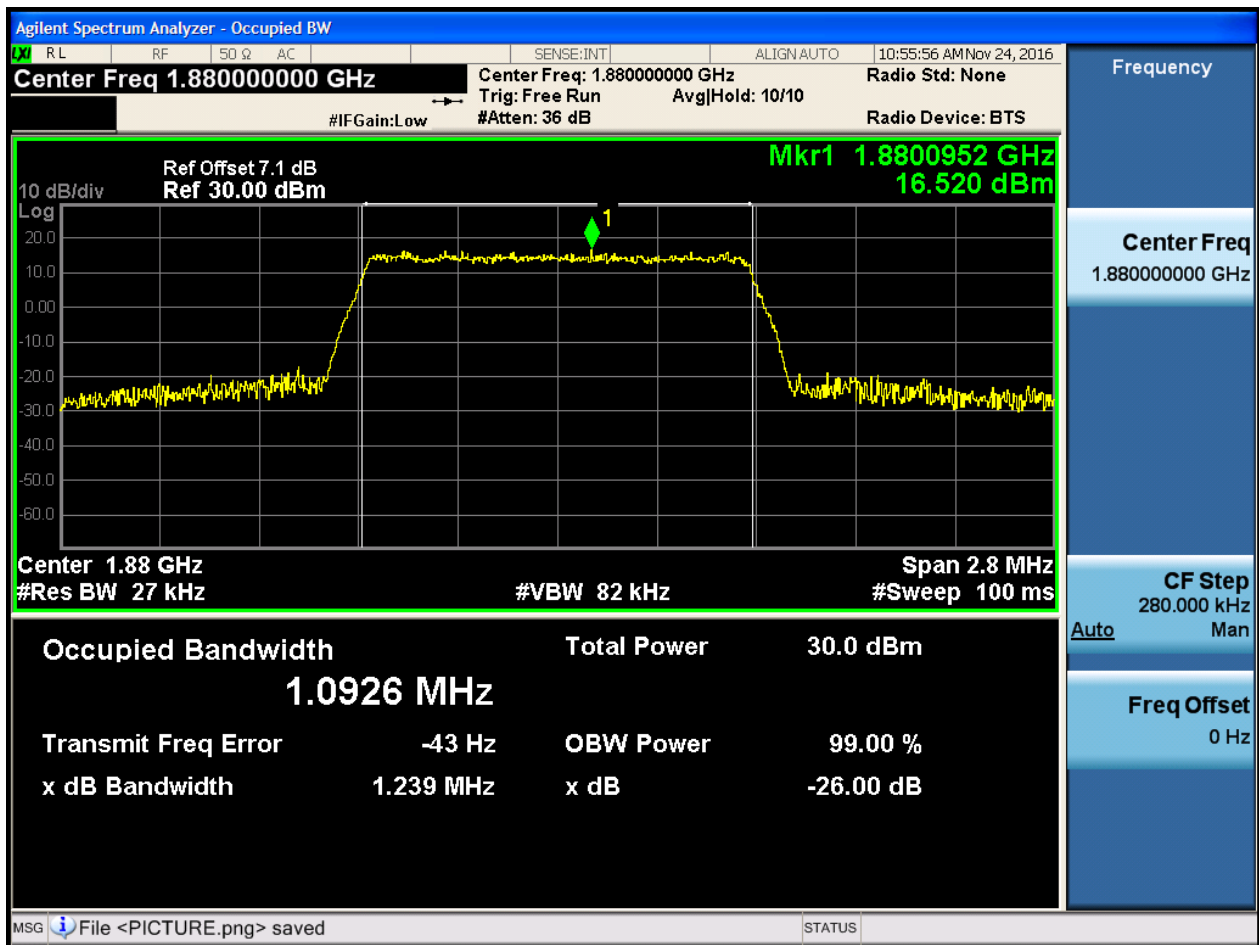
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

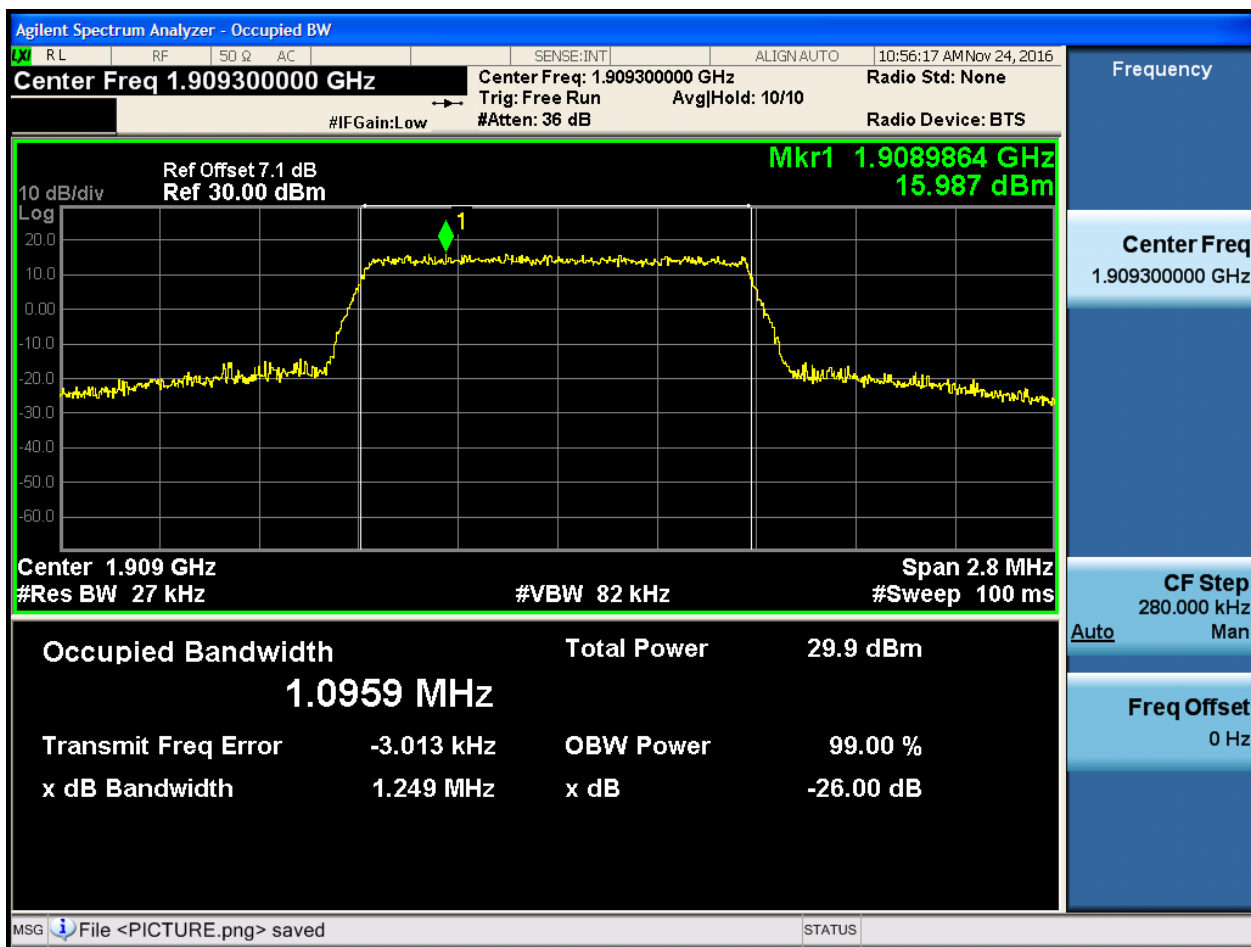
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

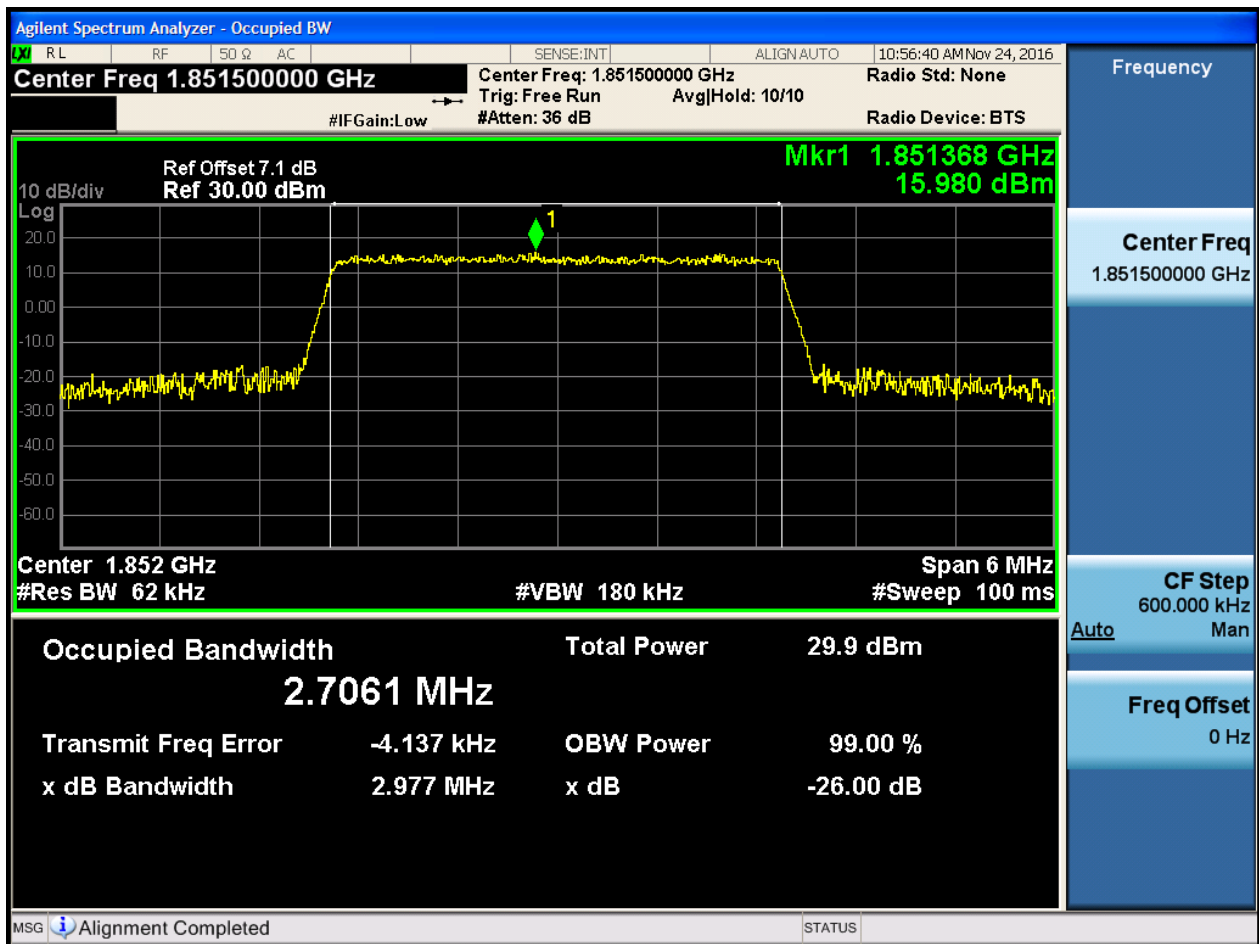




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

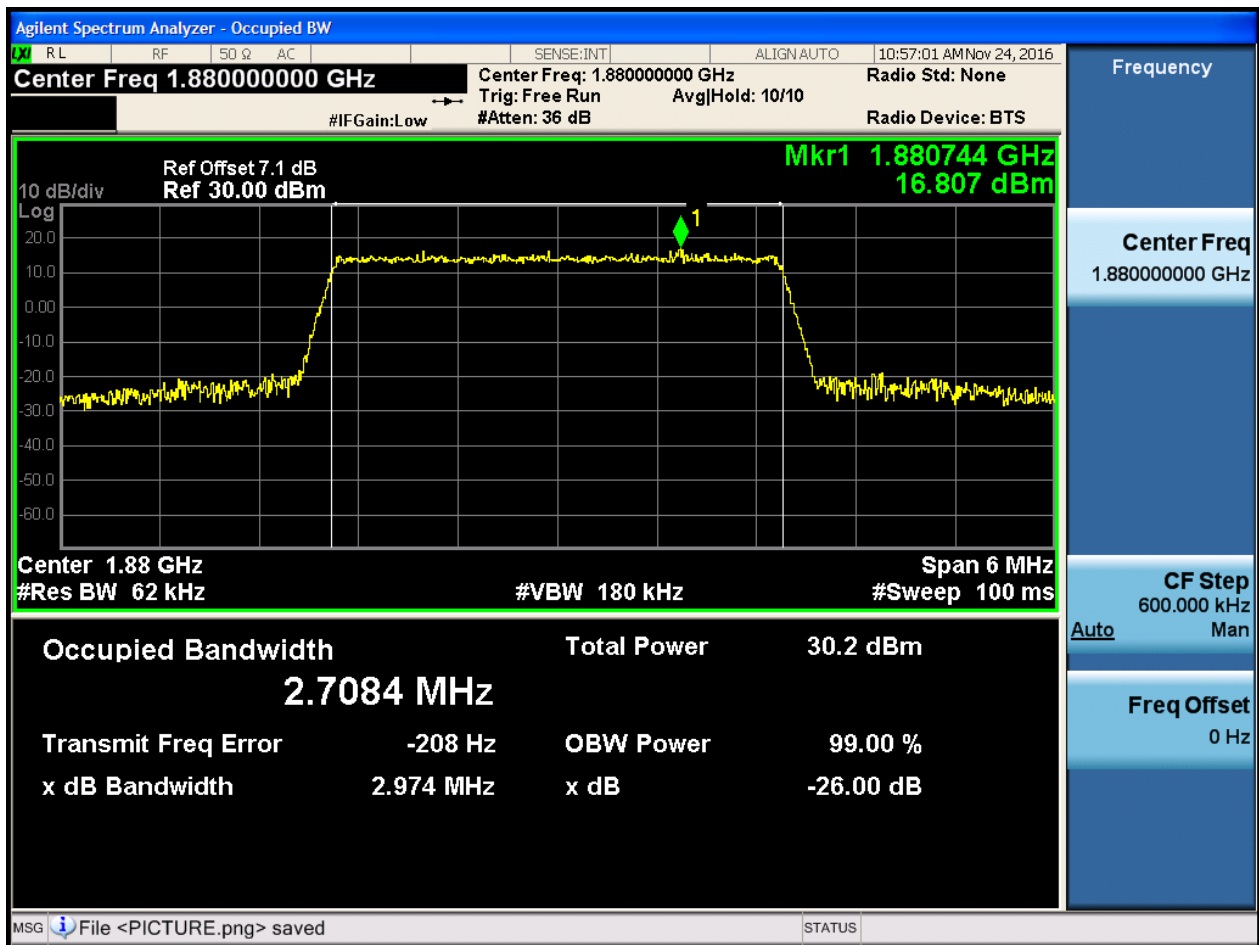
4.1.1.2.2.1.1 Test RB = RB15#0





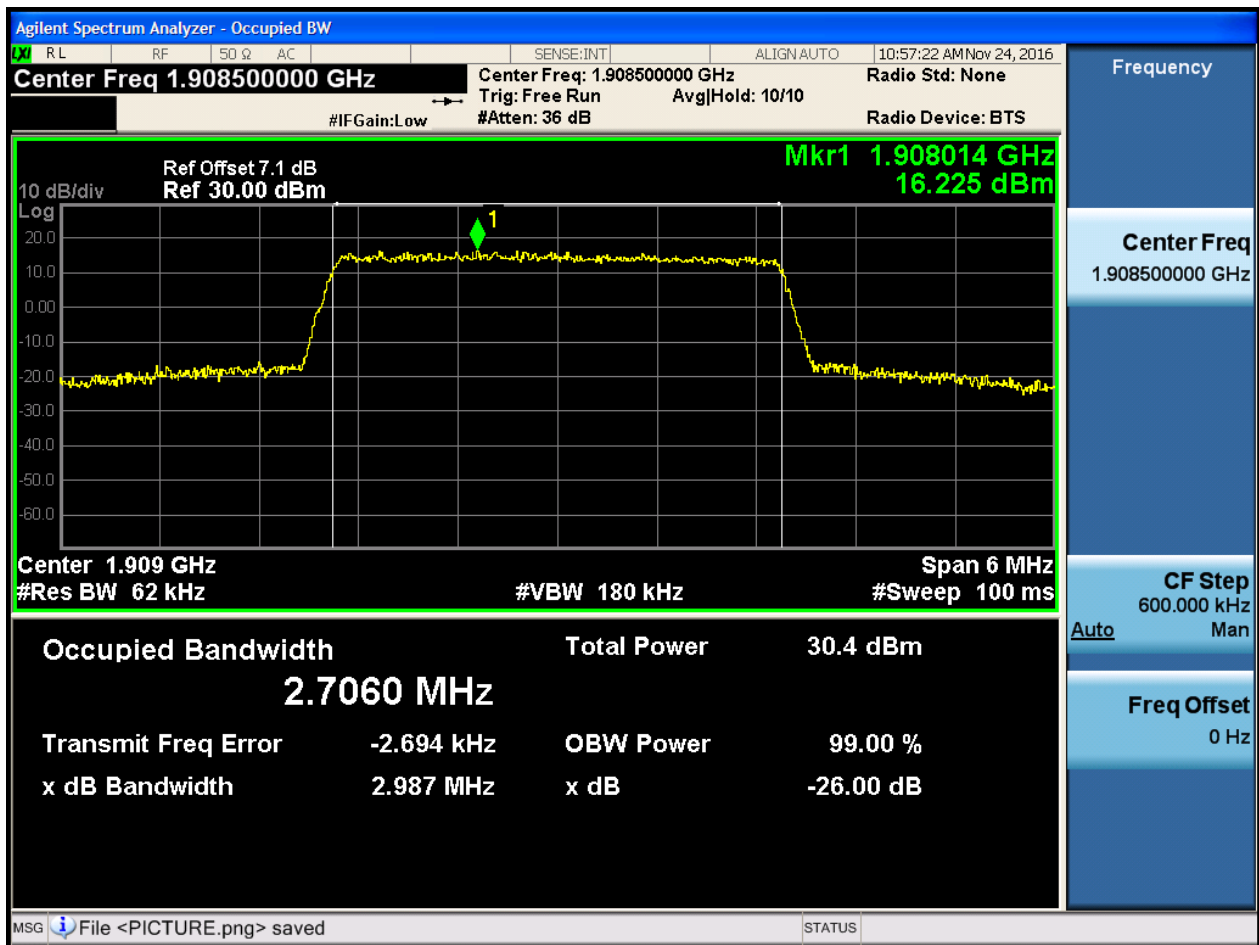
4.1.1.2.2.2 Test Channel = MCH

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

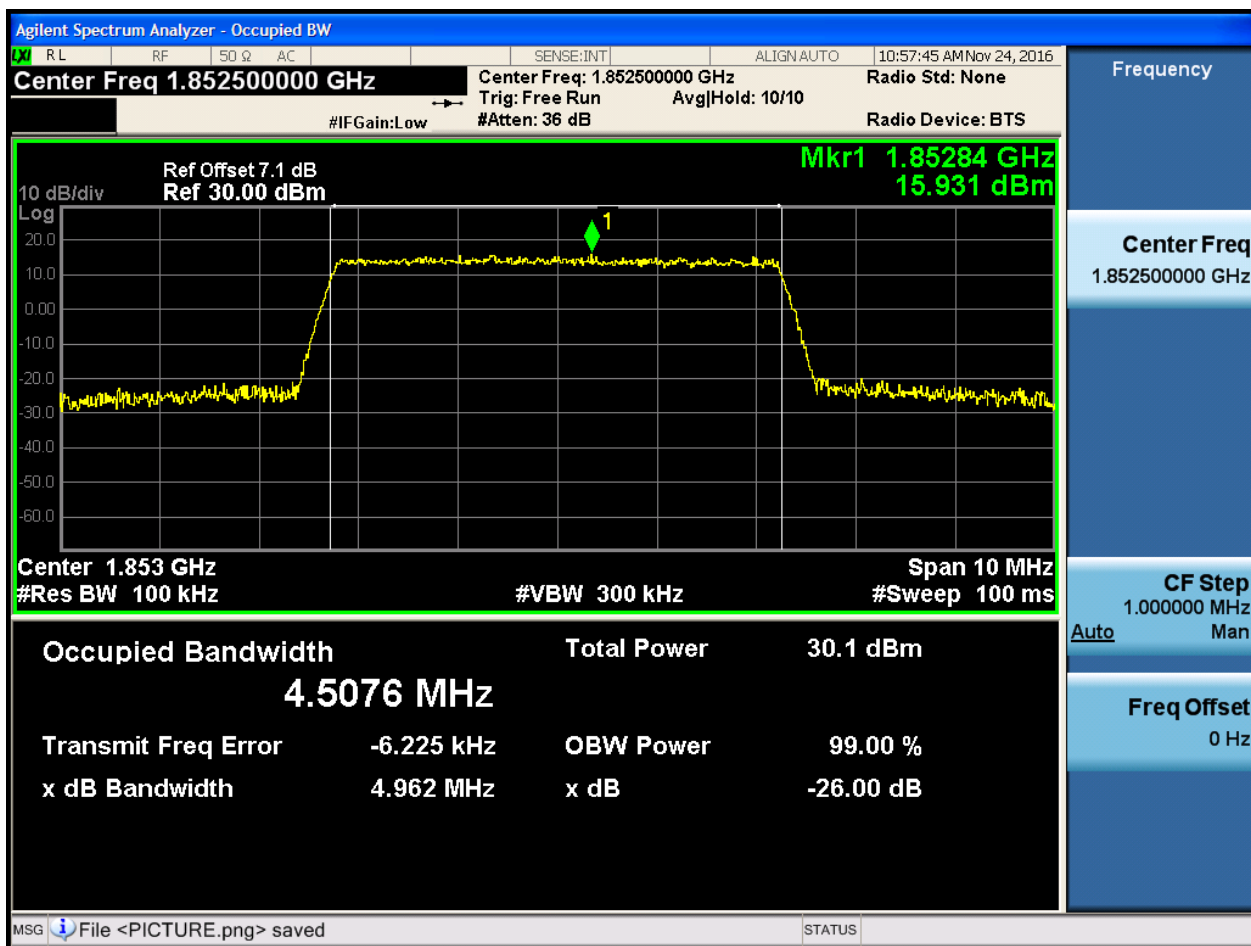




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

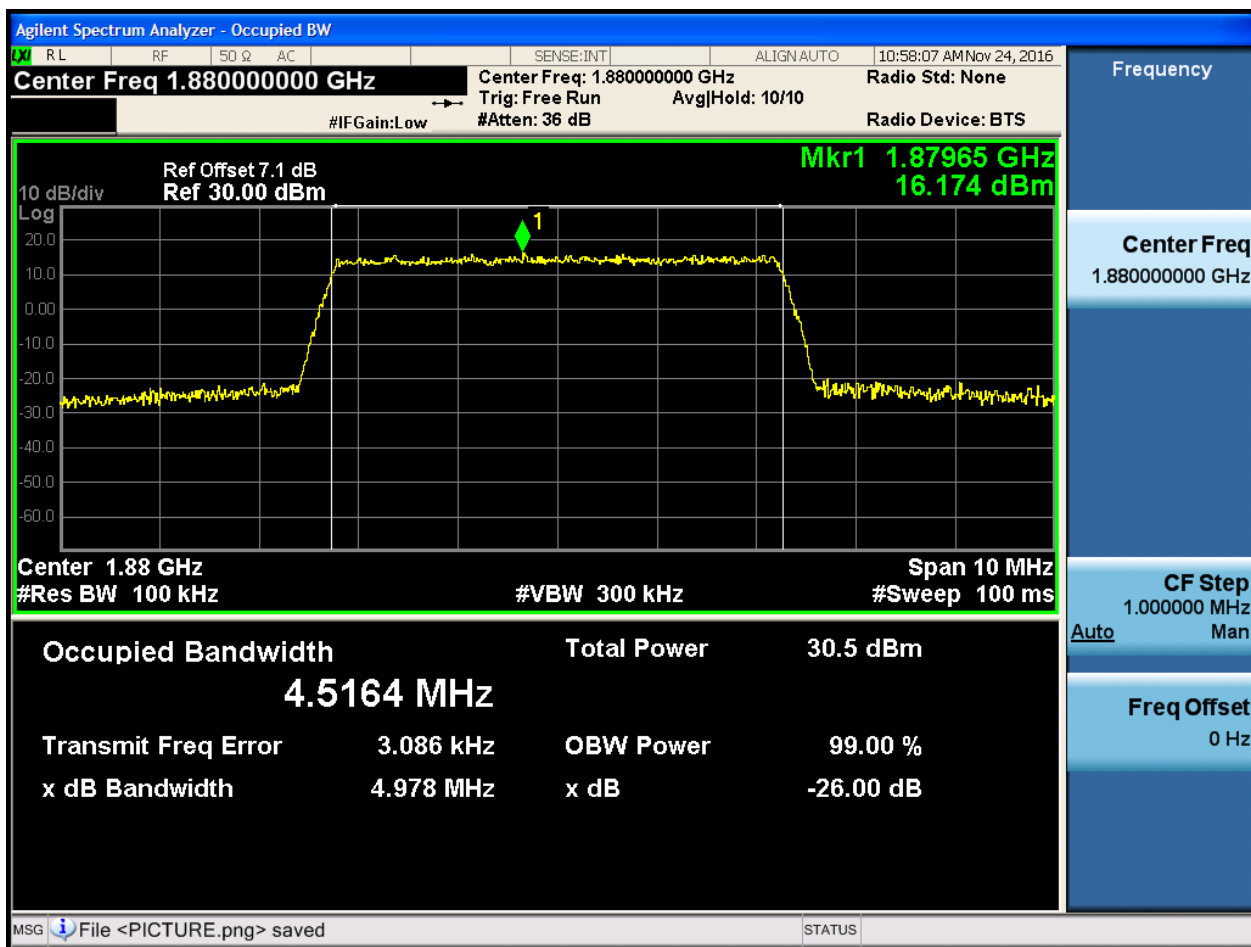
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

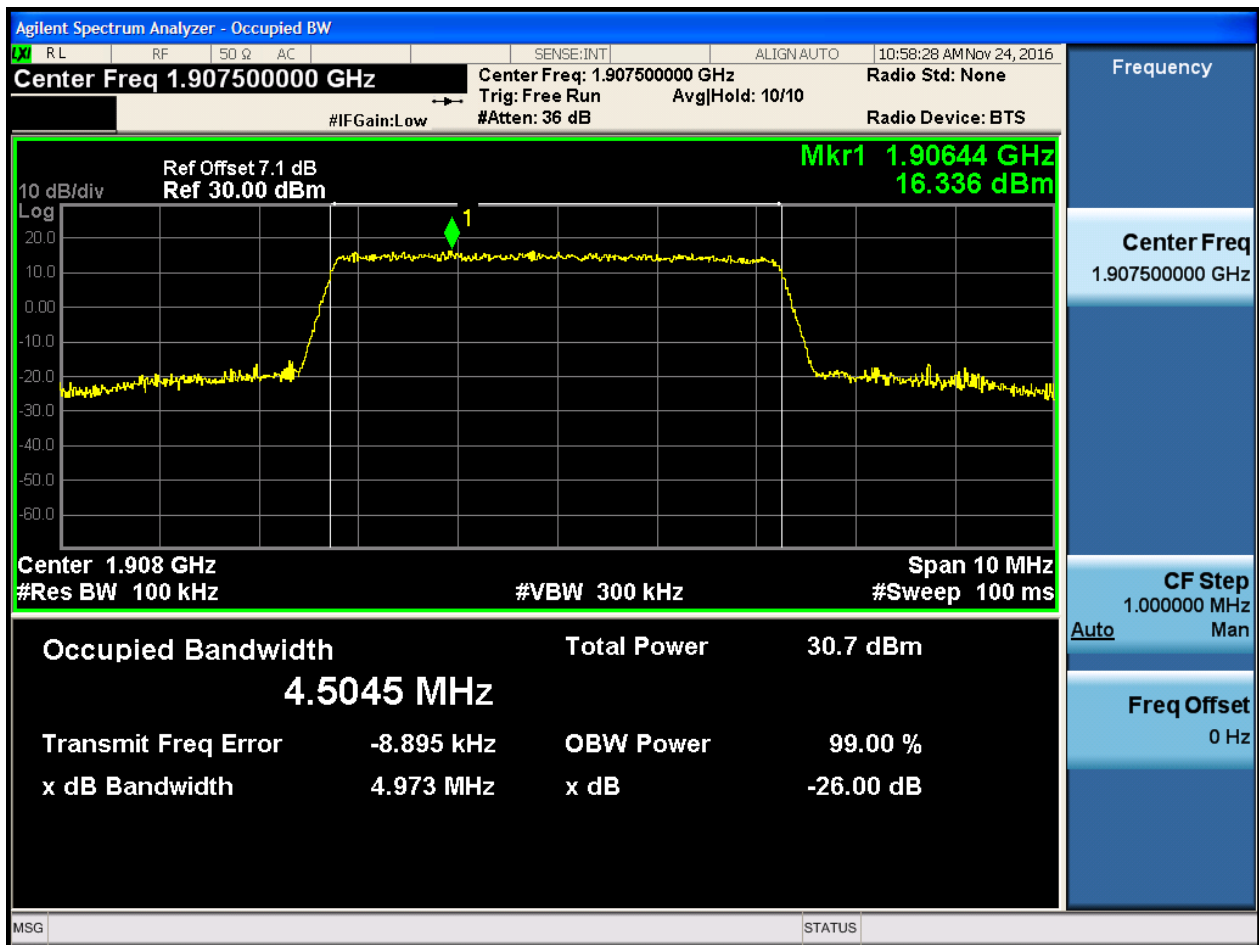
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

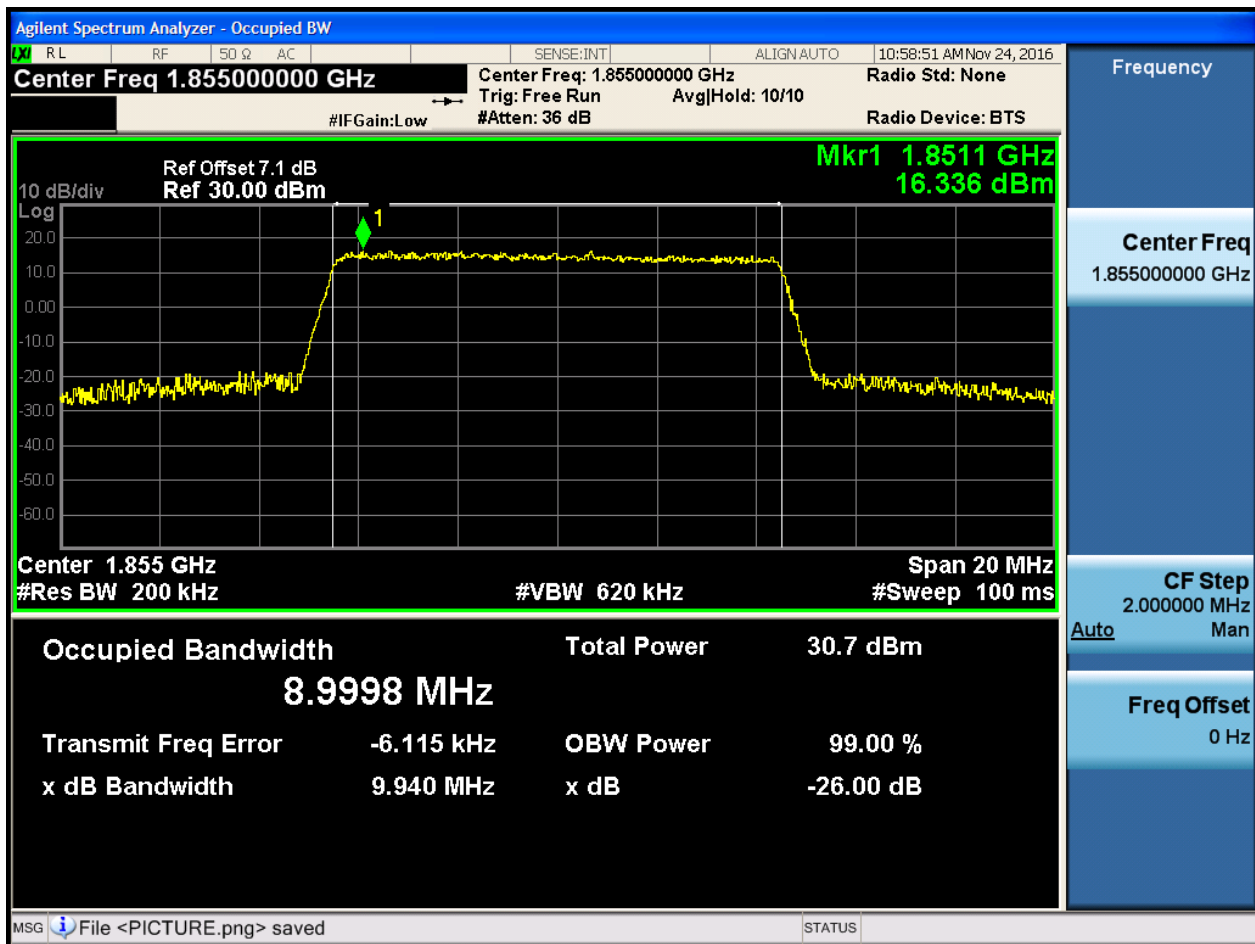




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

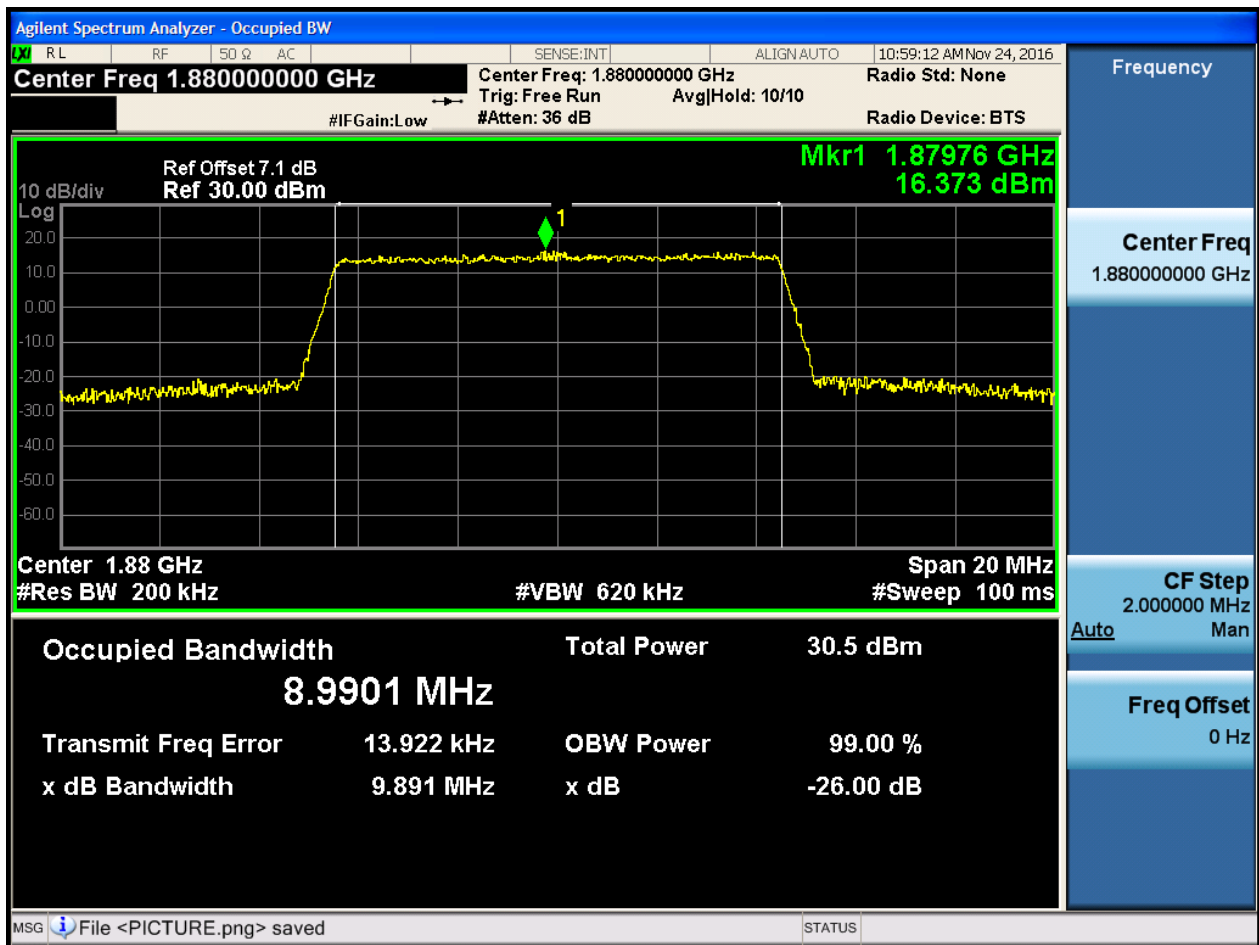
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

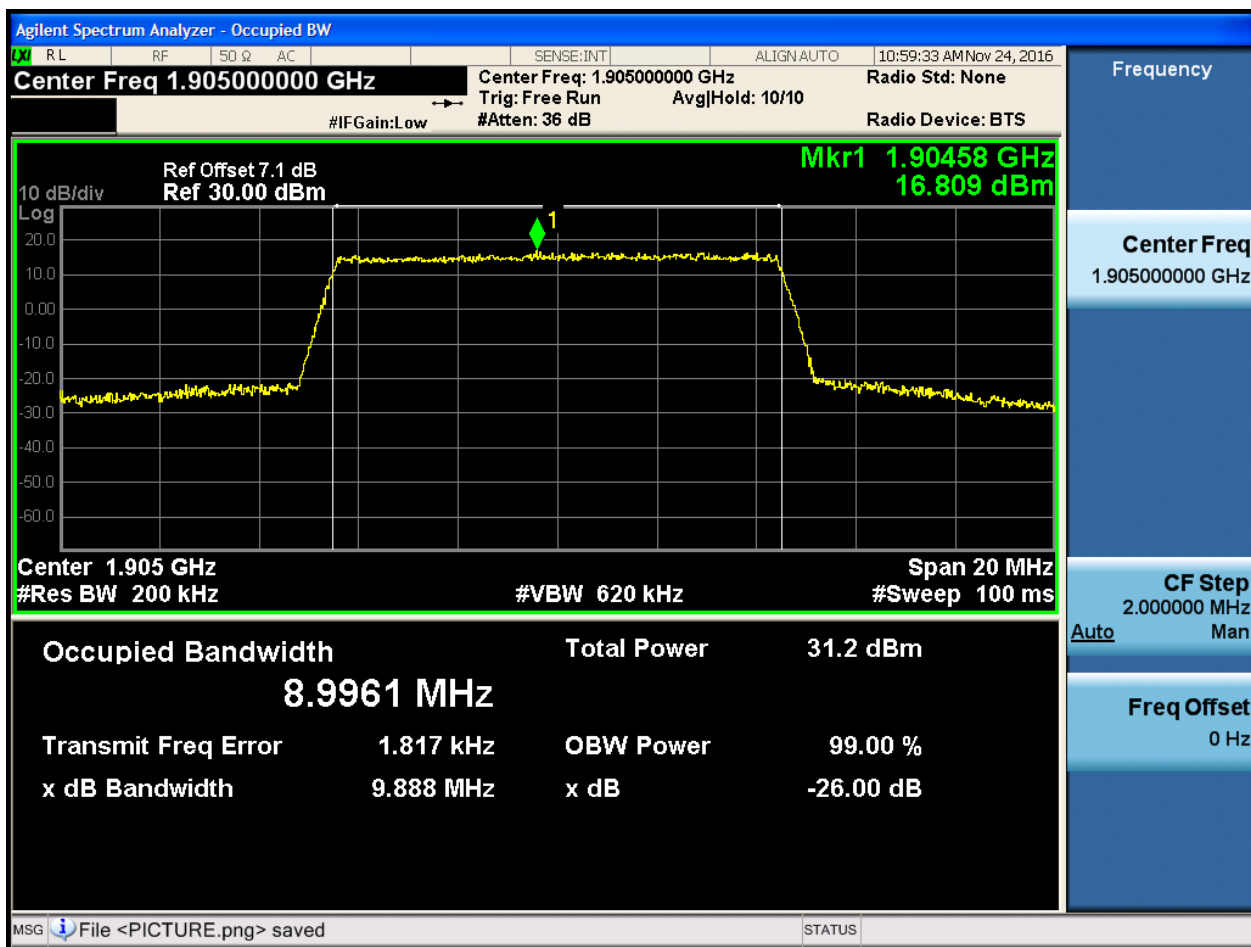
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

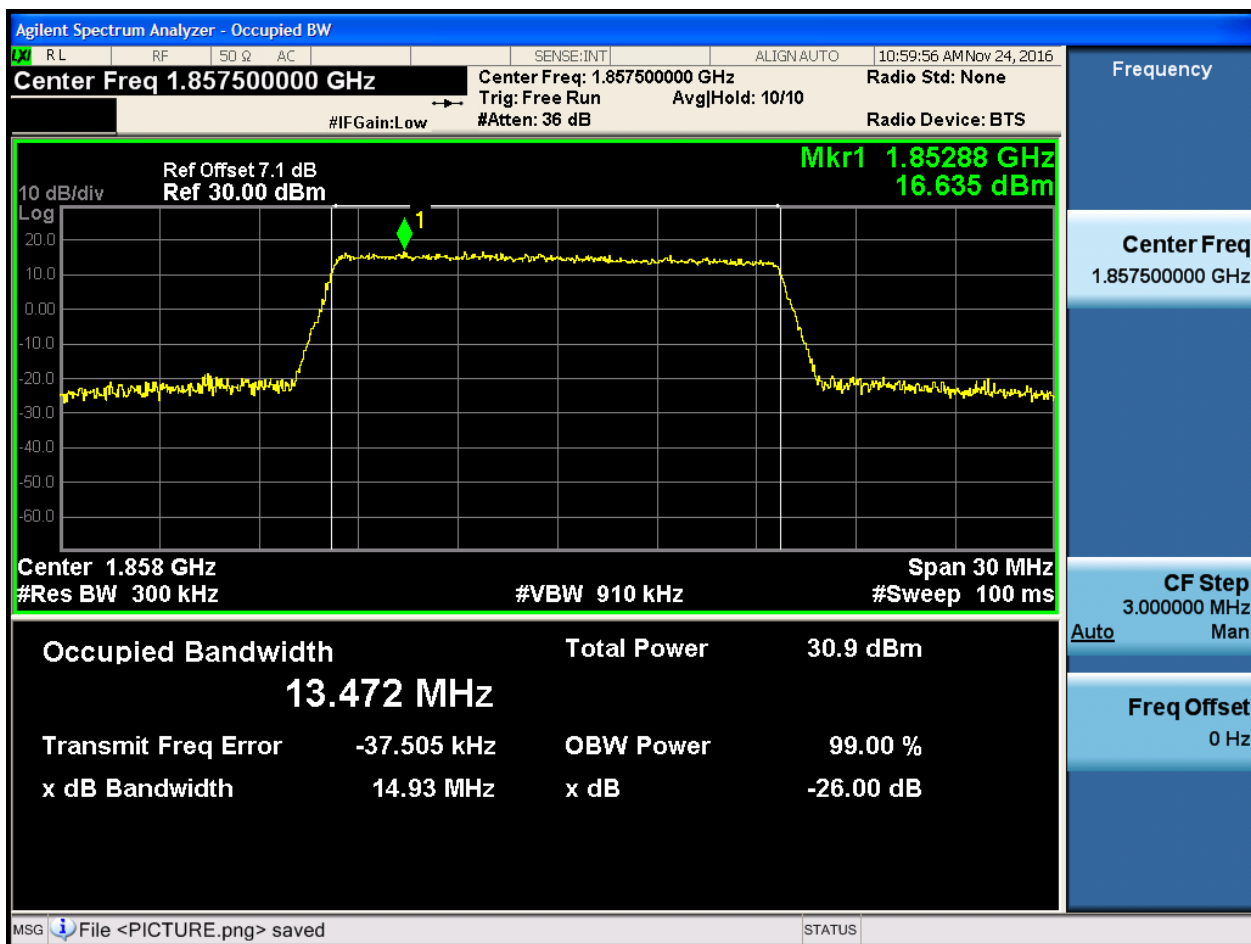




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

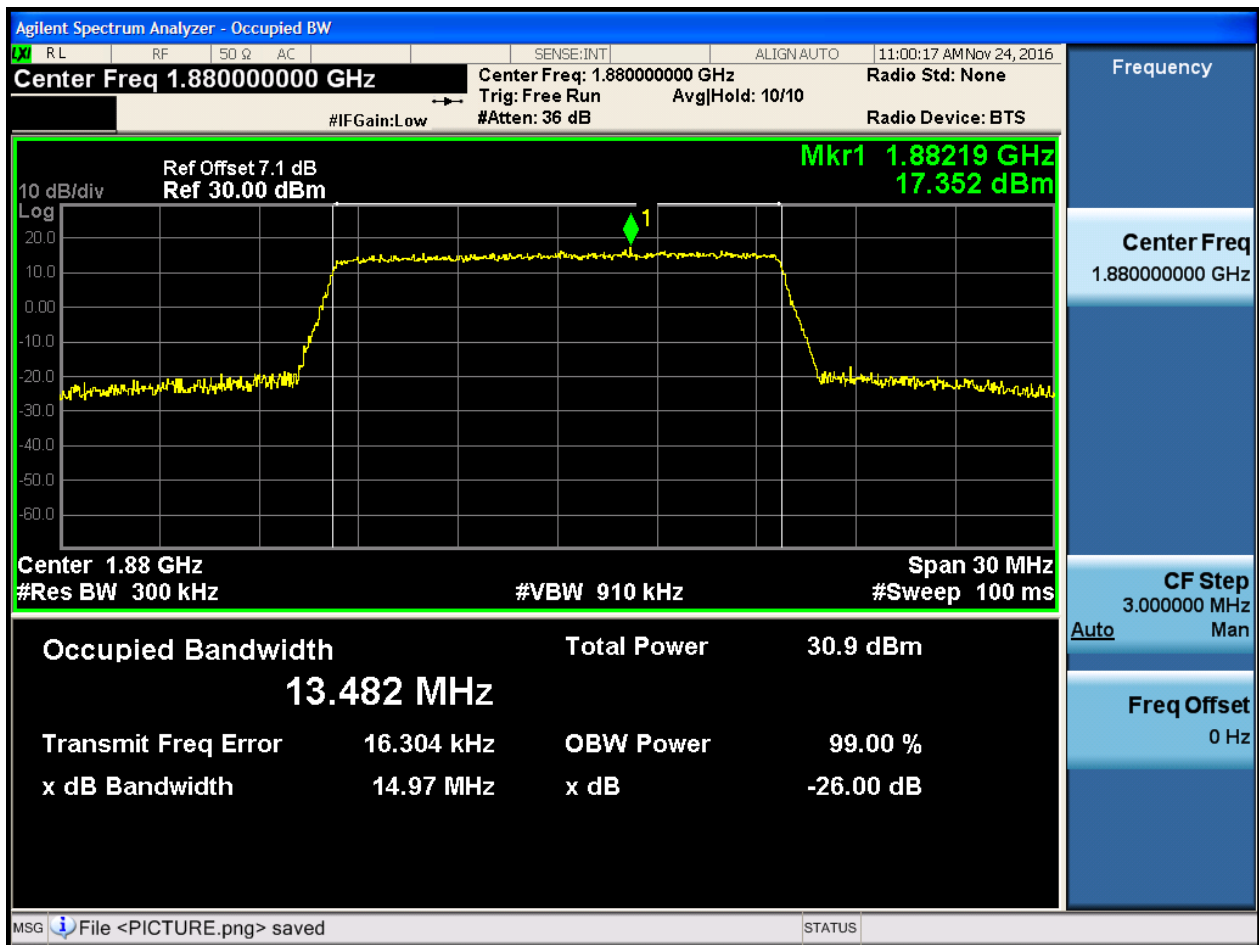
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

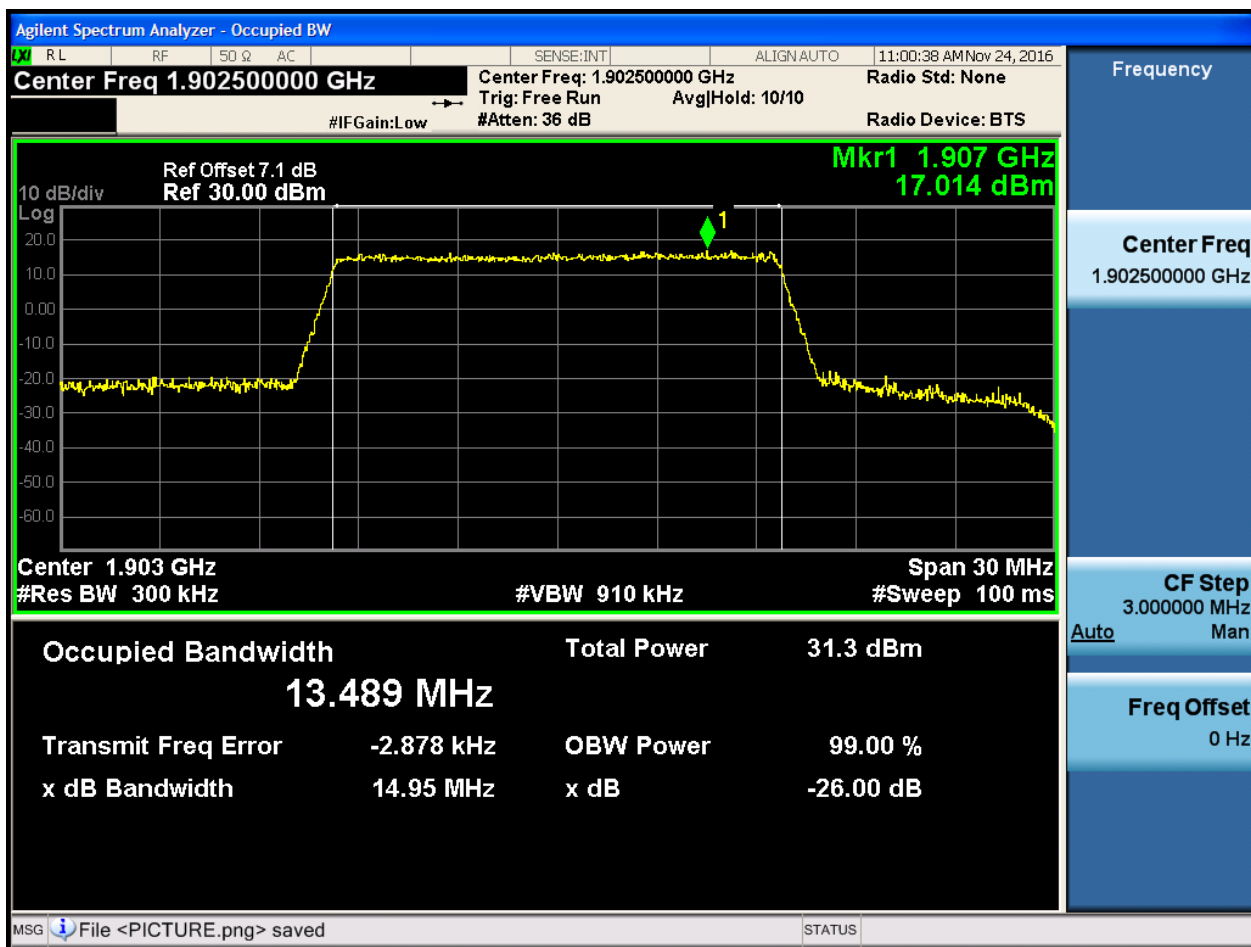
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

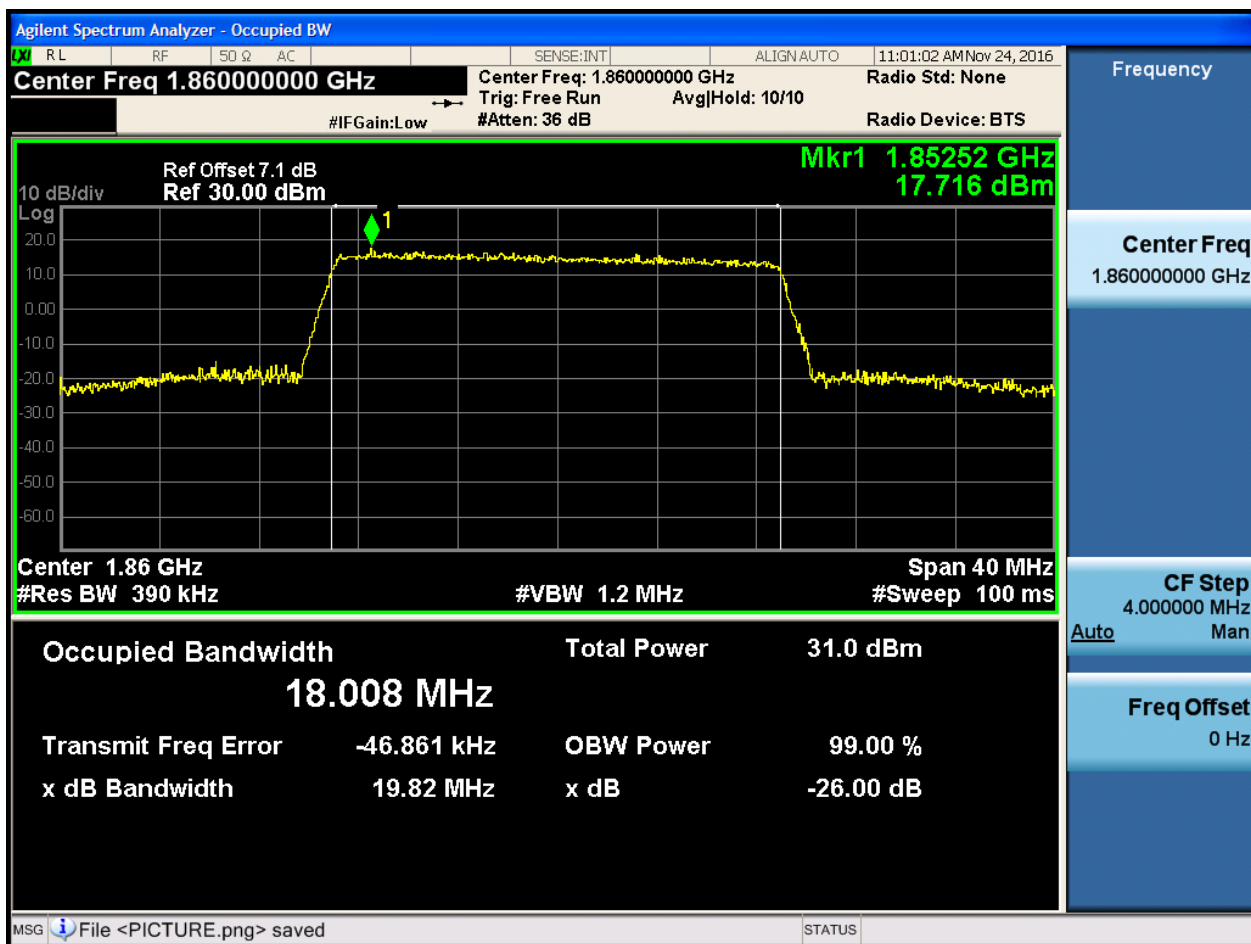




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

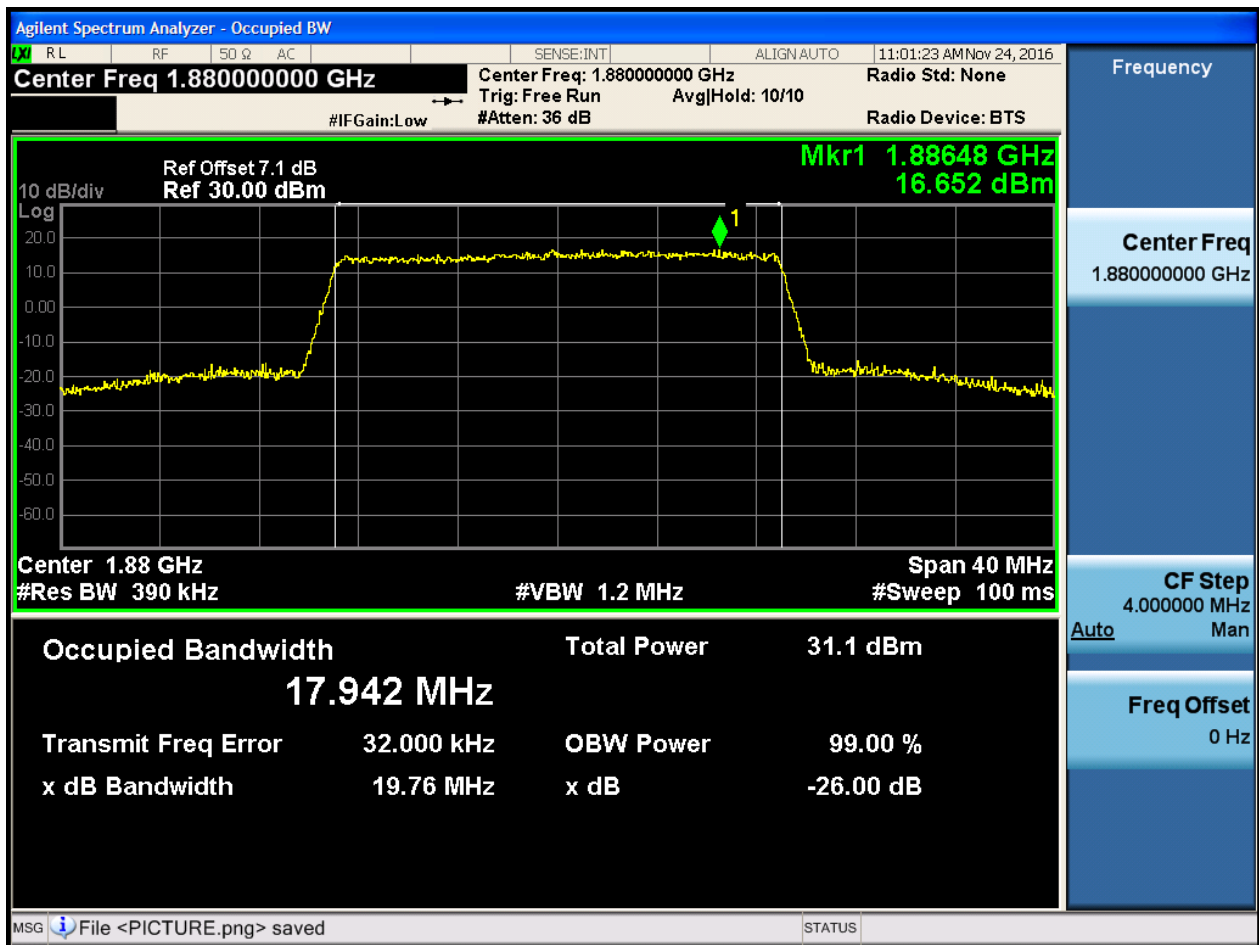
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

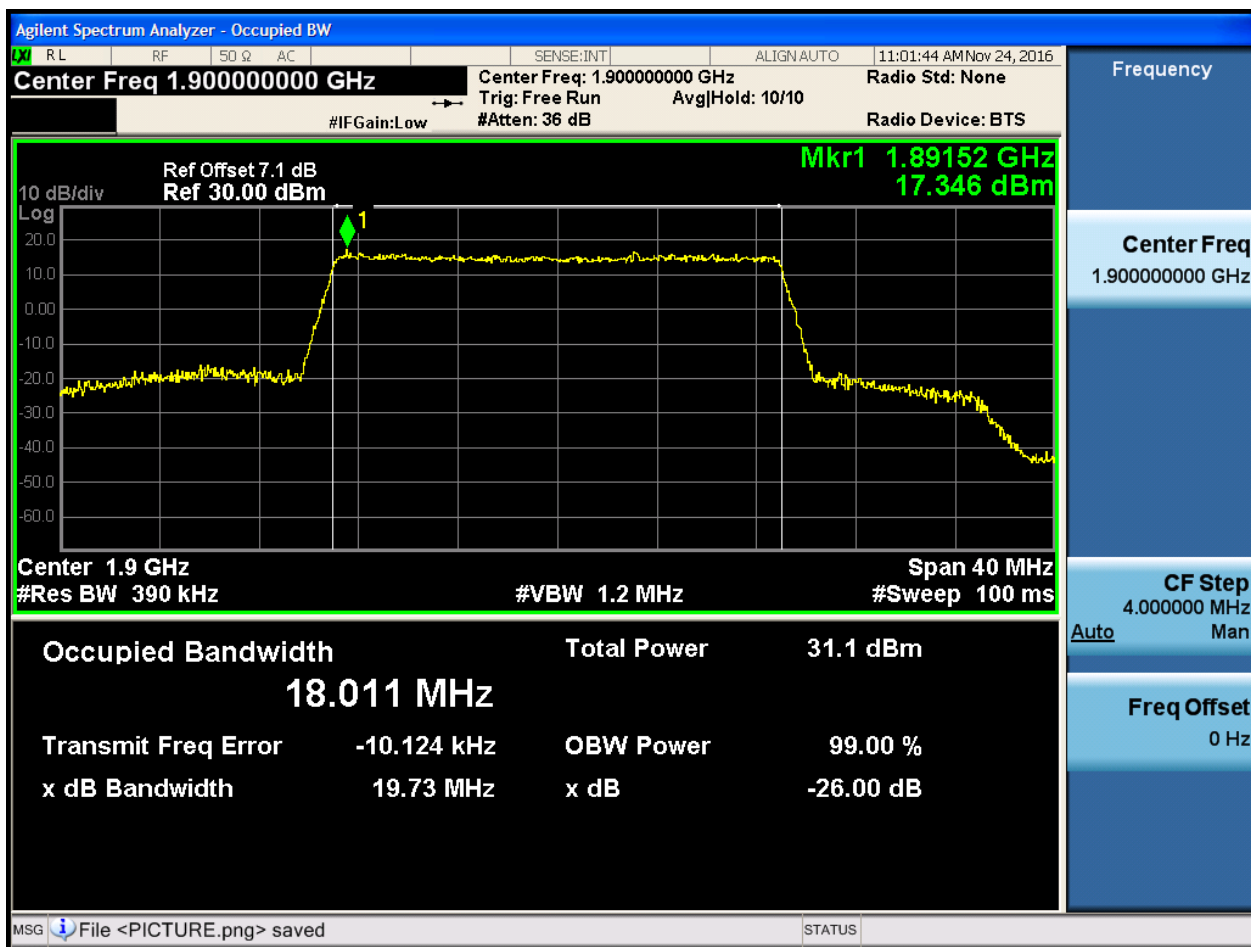
4.1.1.2.6.2.1 Test RB = RB100#0





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

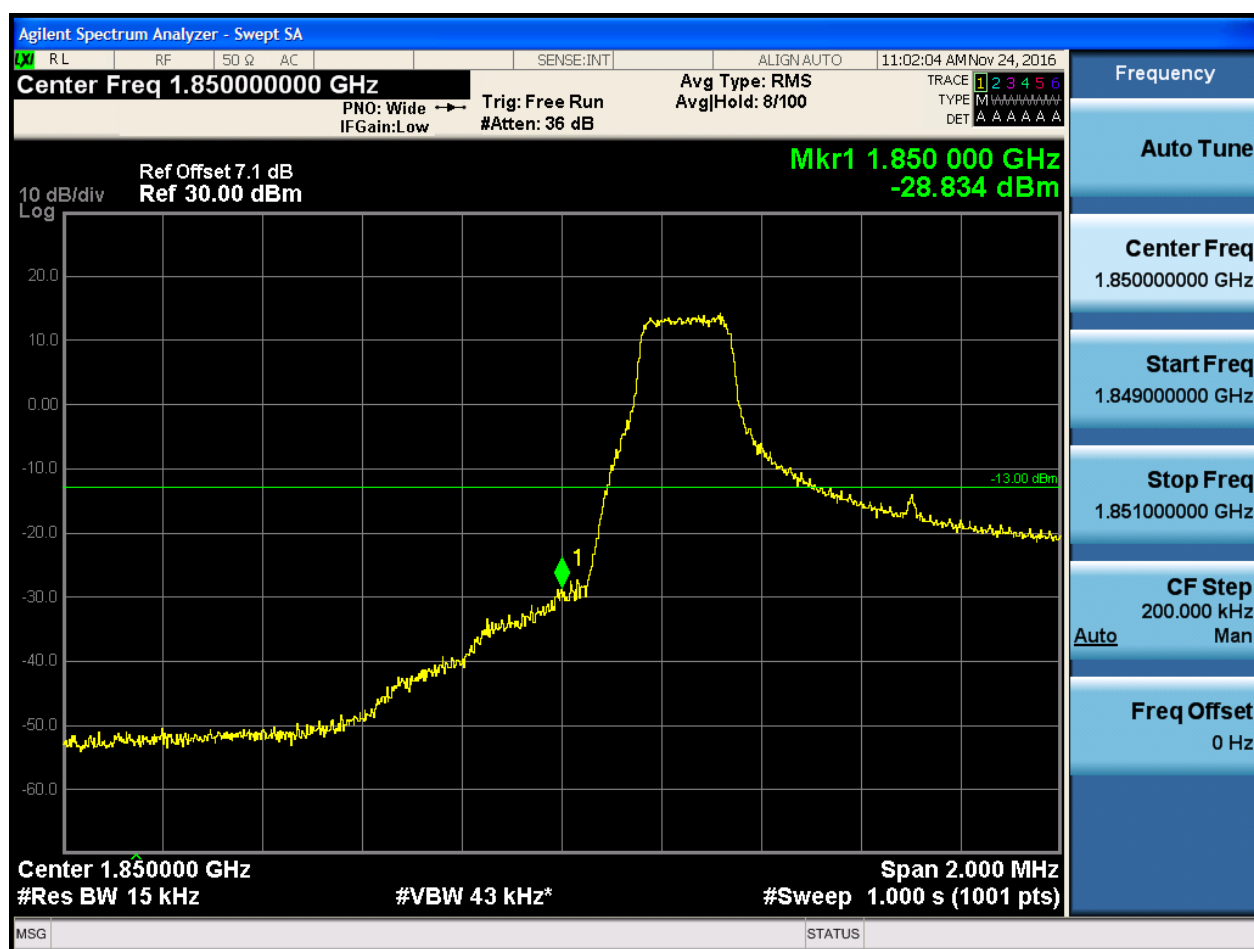
5.1.1 Test Band = BAND2

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



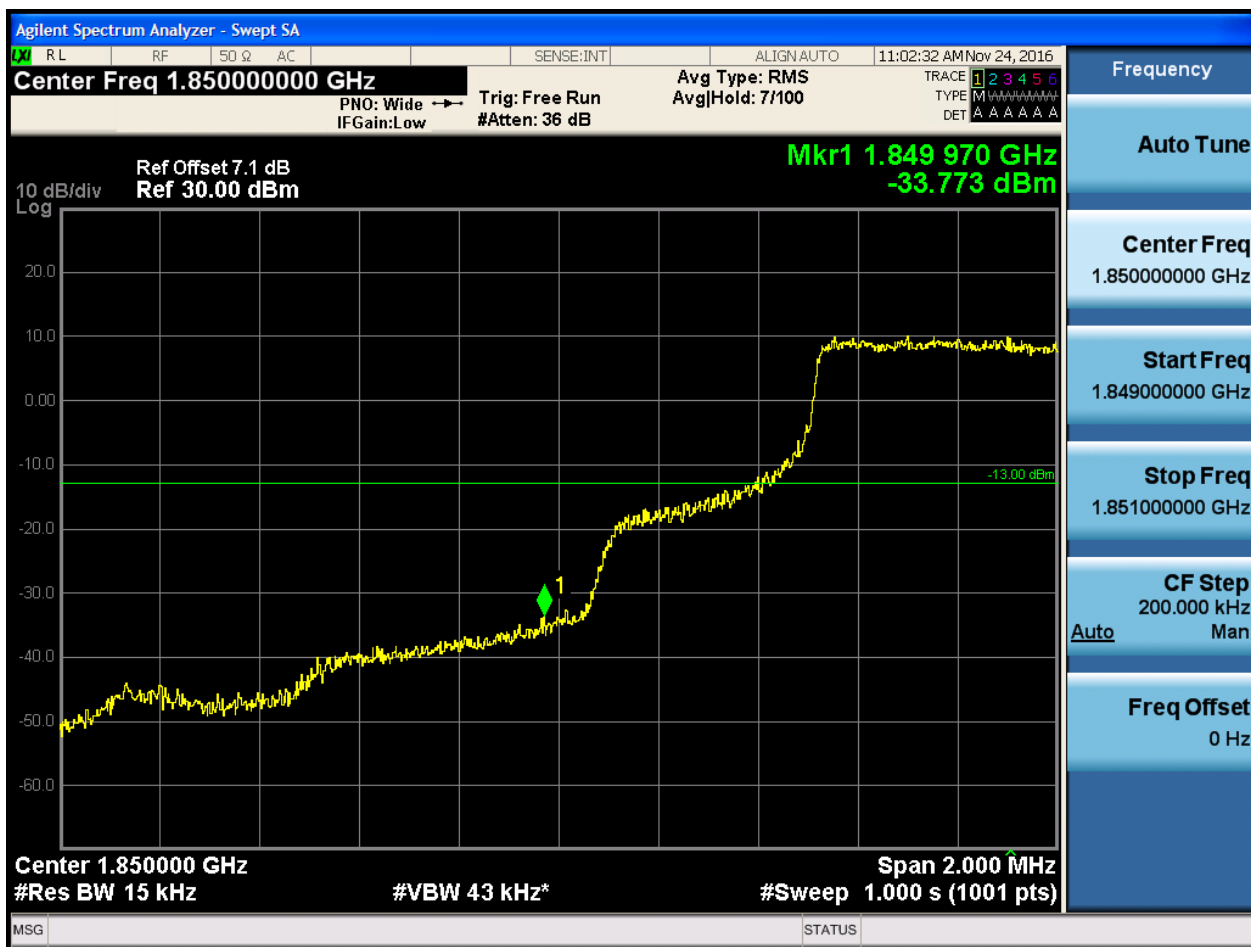


5.1.1.1.1.2 Test RB = RB1#5



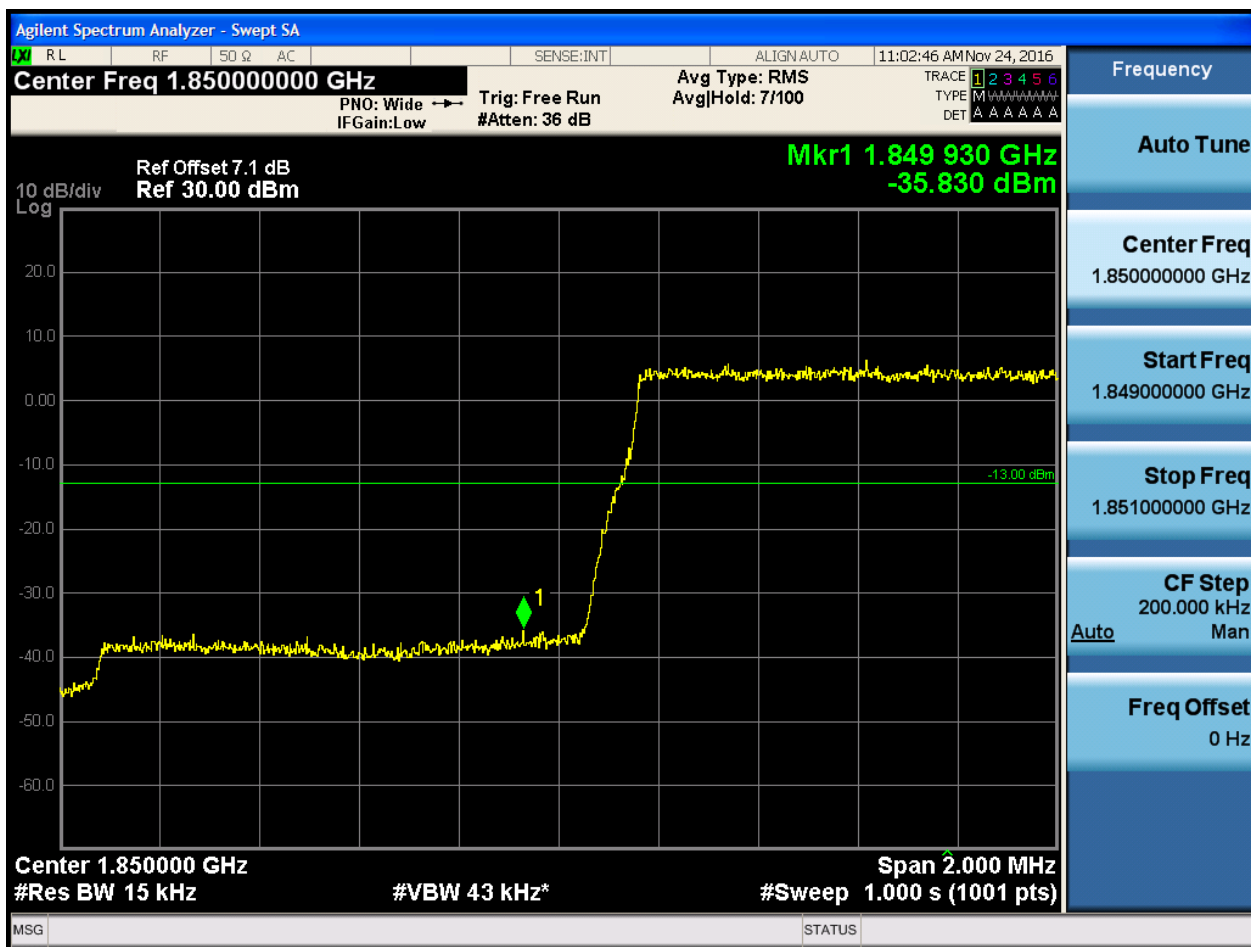


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





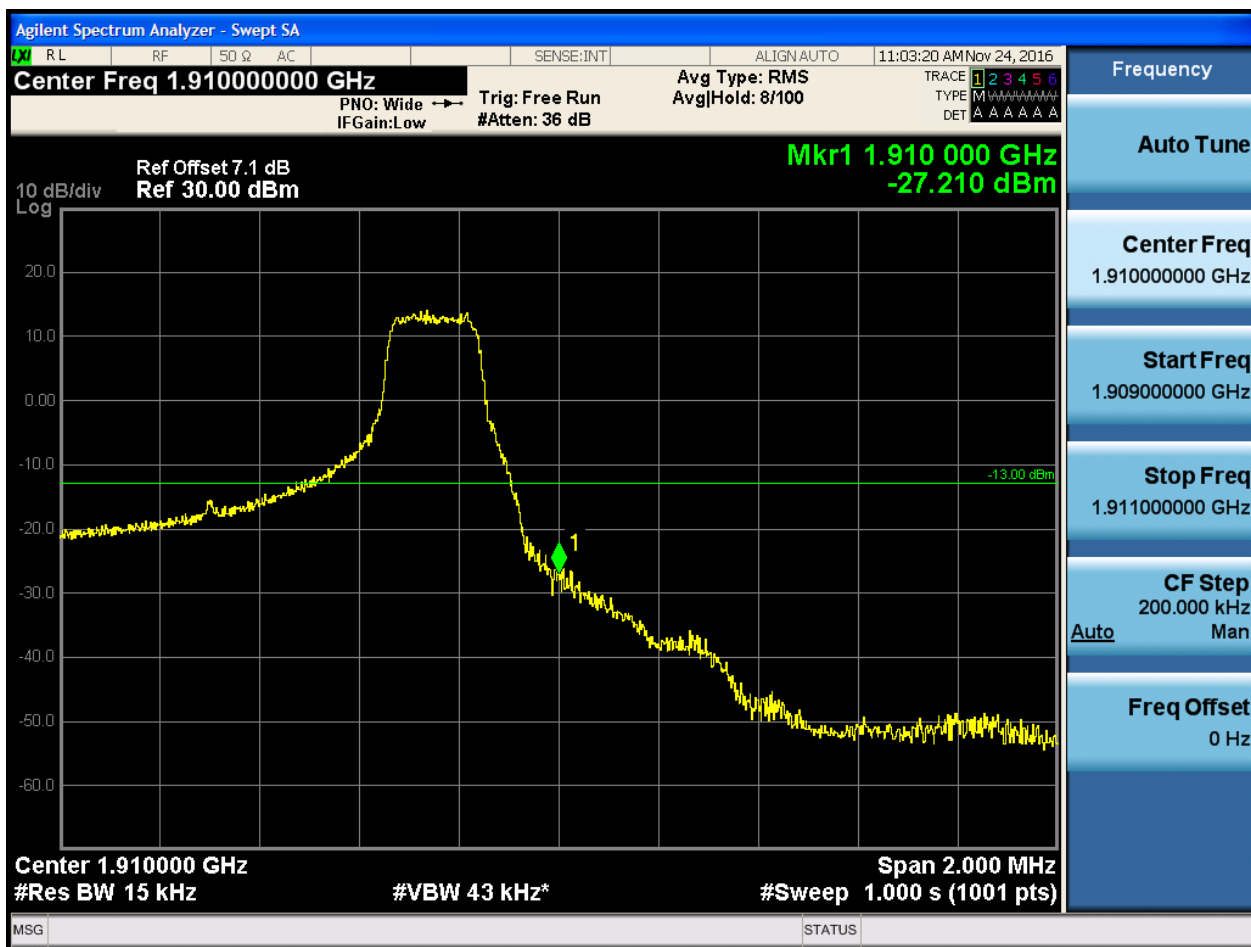
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 11:03:34 AM Nov 24, 2016

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide → Trig: Free Run AvgHold: 8/100
IFGain: Low #Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 000 GHz
-29.780 dBm

10 dB/div
Log

-13.00 dBm

Center 1.910000 GHz
#Res BW 15 kHz

#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 070 GHz
-36.854 dBm

Center Freq 1.910000000 GHz

Start Freq 1.909000000 GHz

Stop Freq 1.911000000 GHz

CF Step 200.000 kHz
Auto

Freq Offset 0 Hz

Center 1.910000 GHz
#Res BW 15 kHz

#VBW 43 kHz*

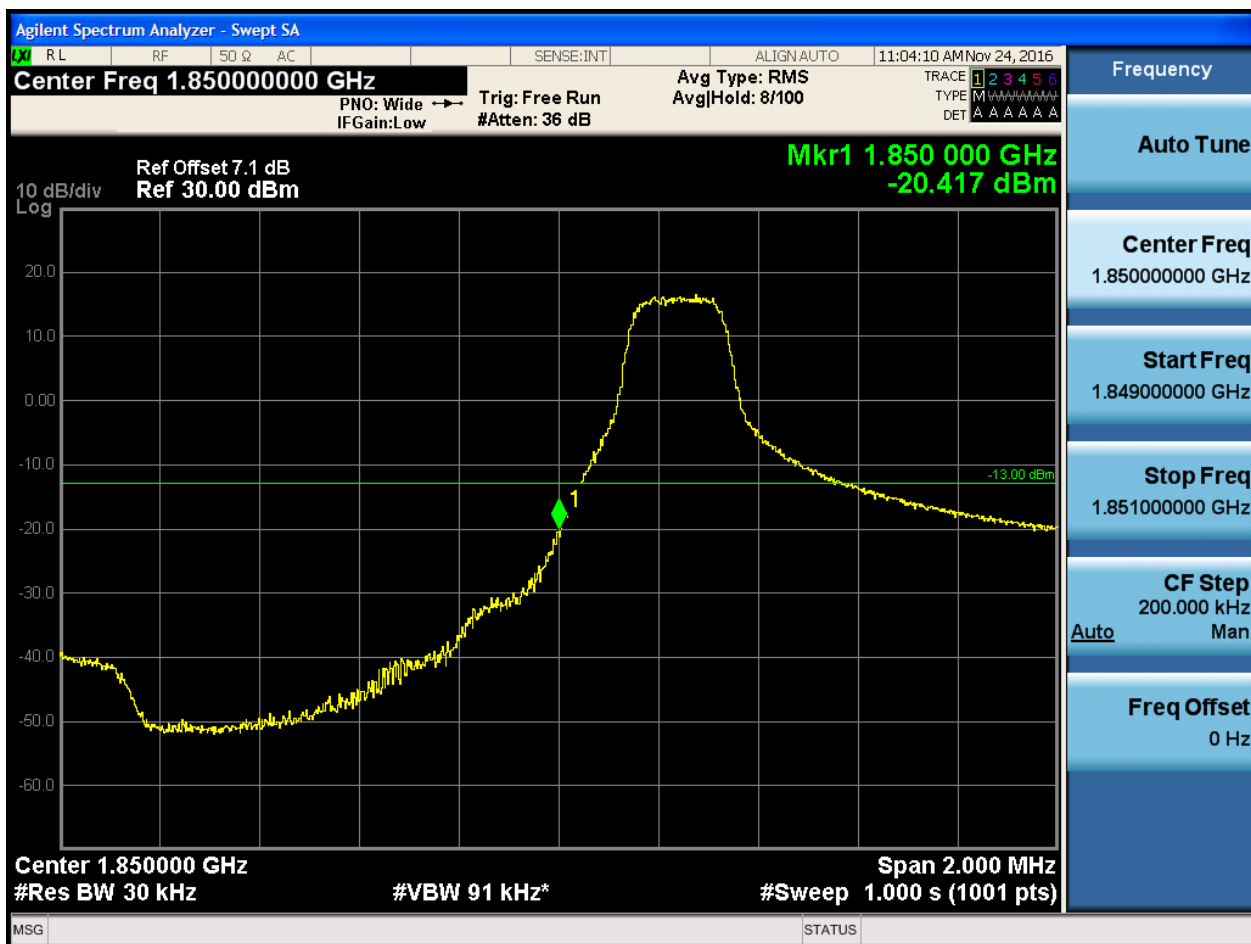
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)



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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:04:24 AM Nov 24, 2016

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IF Gain: Low Trig: Free Run Avg Hold: 8/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.850 000 GHz
-34.386 dBm

10 dB/div
Log

Center 1.850000 GHz
#Res BW 30 kHz #VBW 91 kHz* Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

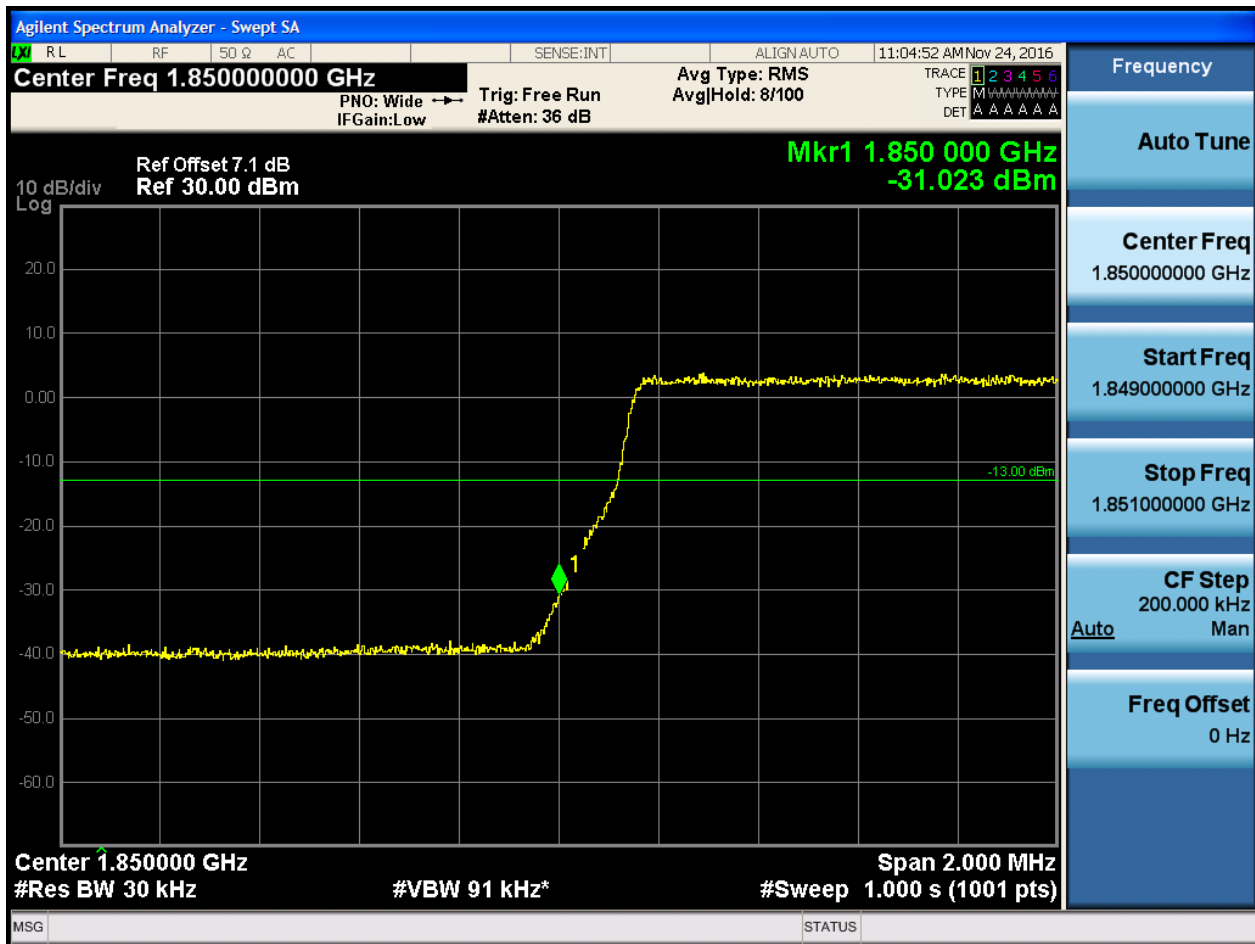


5.1.1.1.2.1.3 Test RB = RB8#4





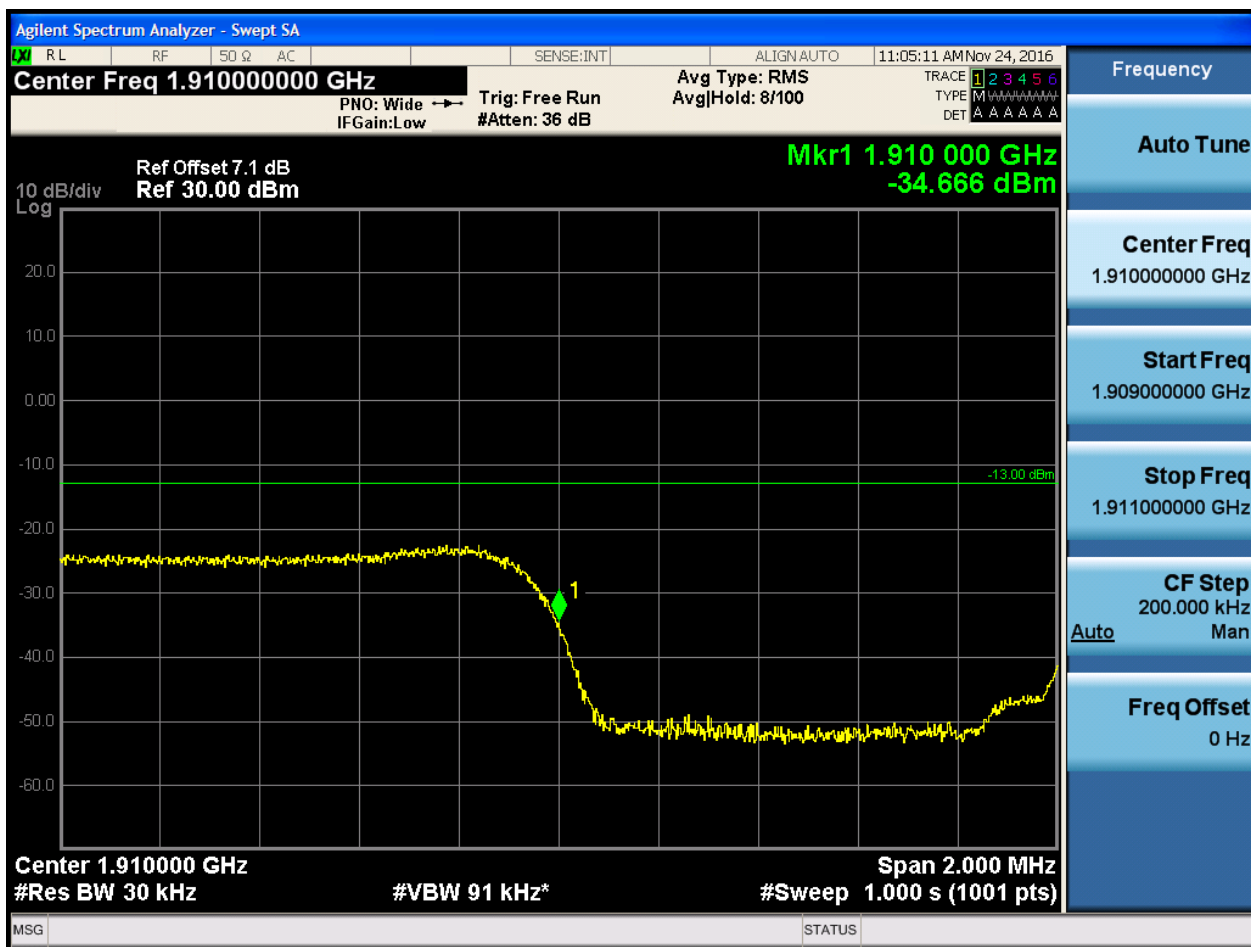
5.1.1.1.2.1.4 Test RB = RB15#0





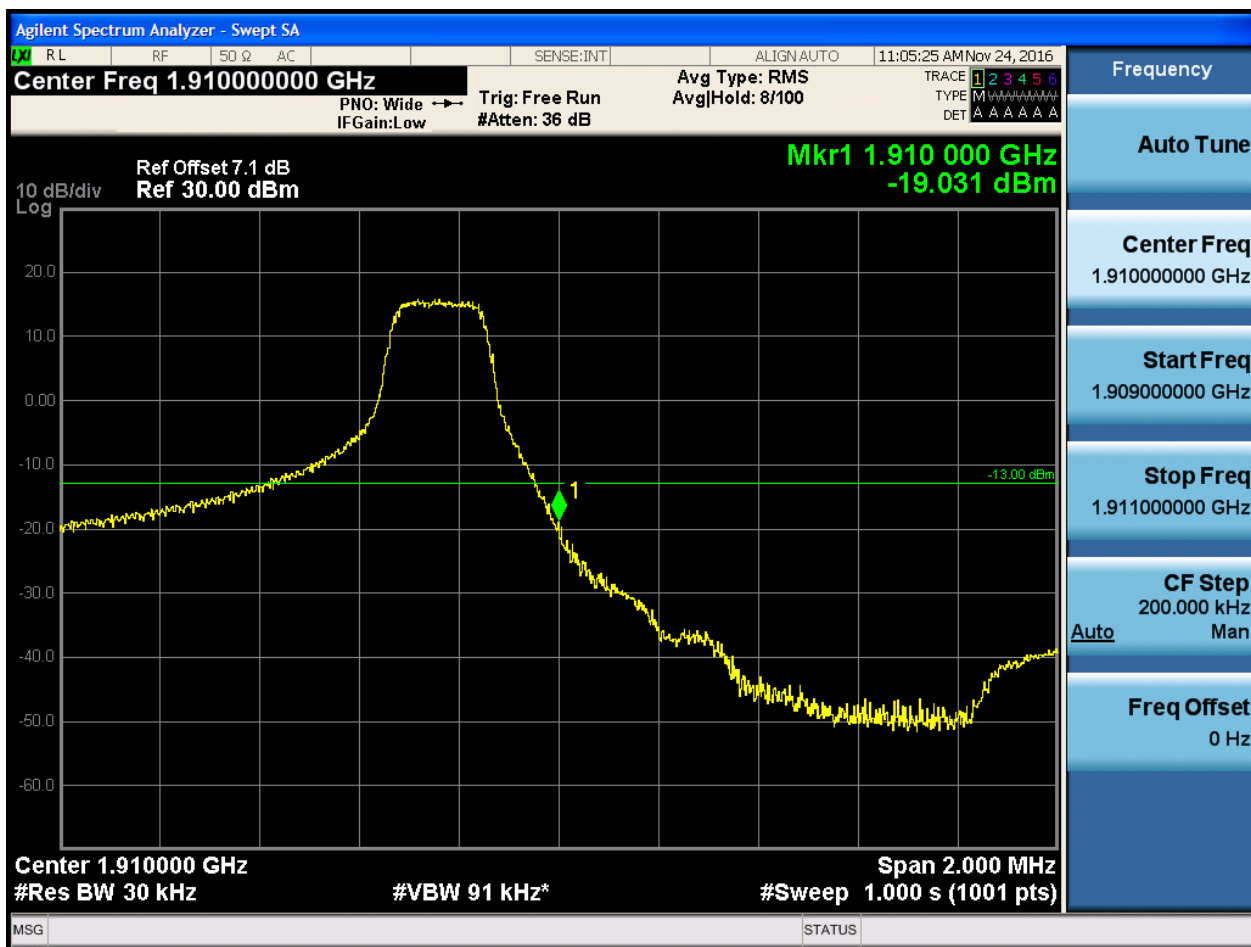
5.1.1.1.2.2 Test Channel = HCH

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

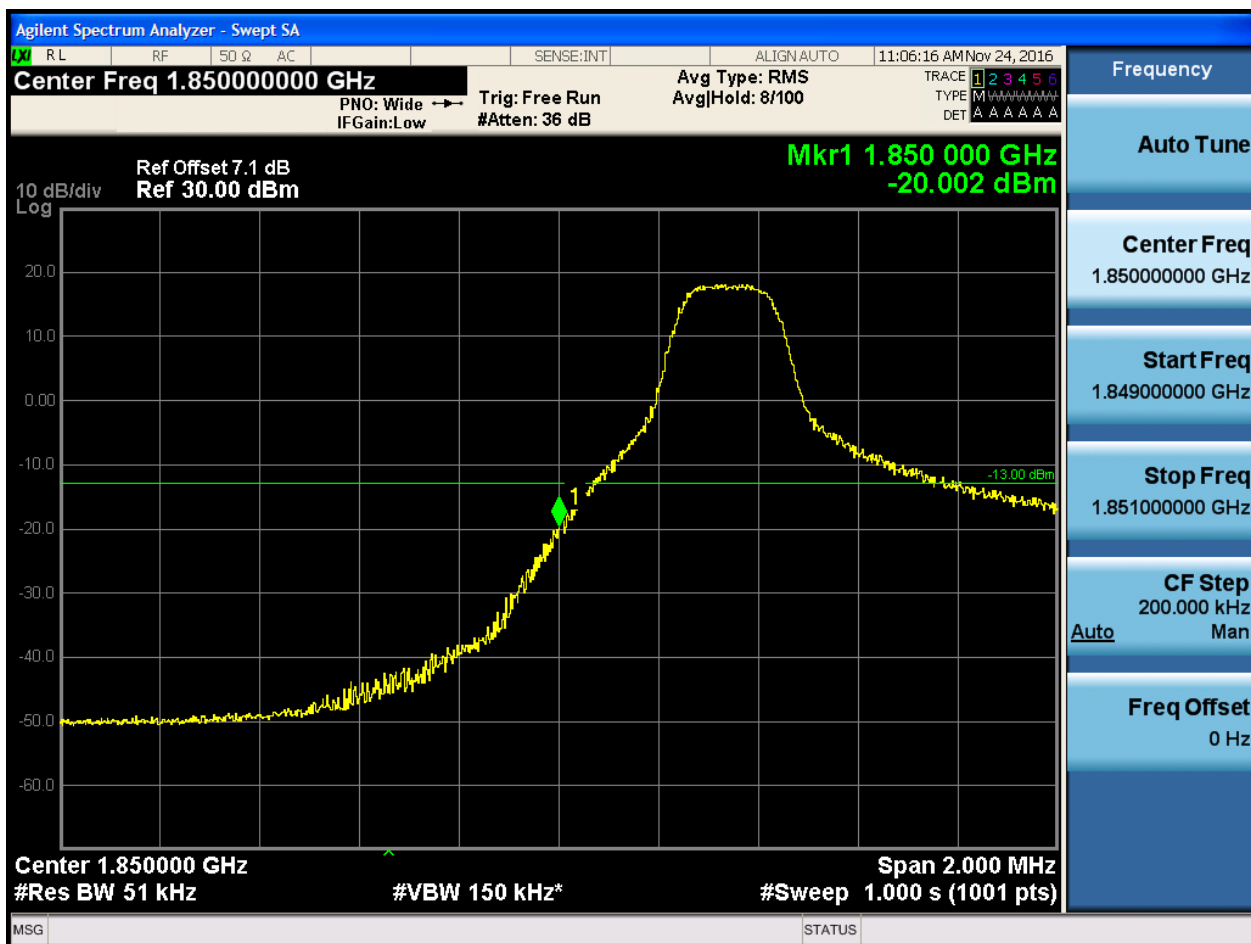




5.1.1.1.3 Test Bandwidth = 5

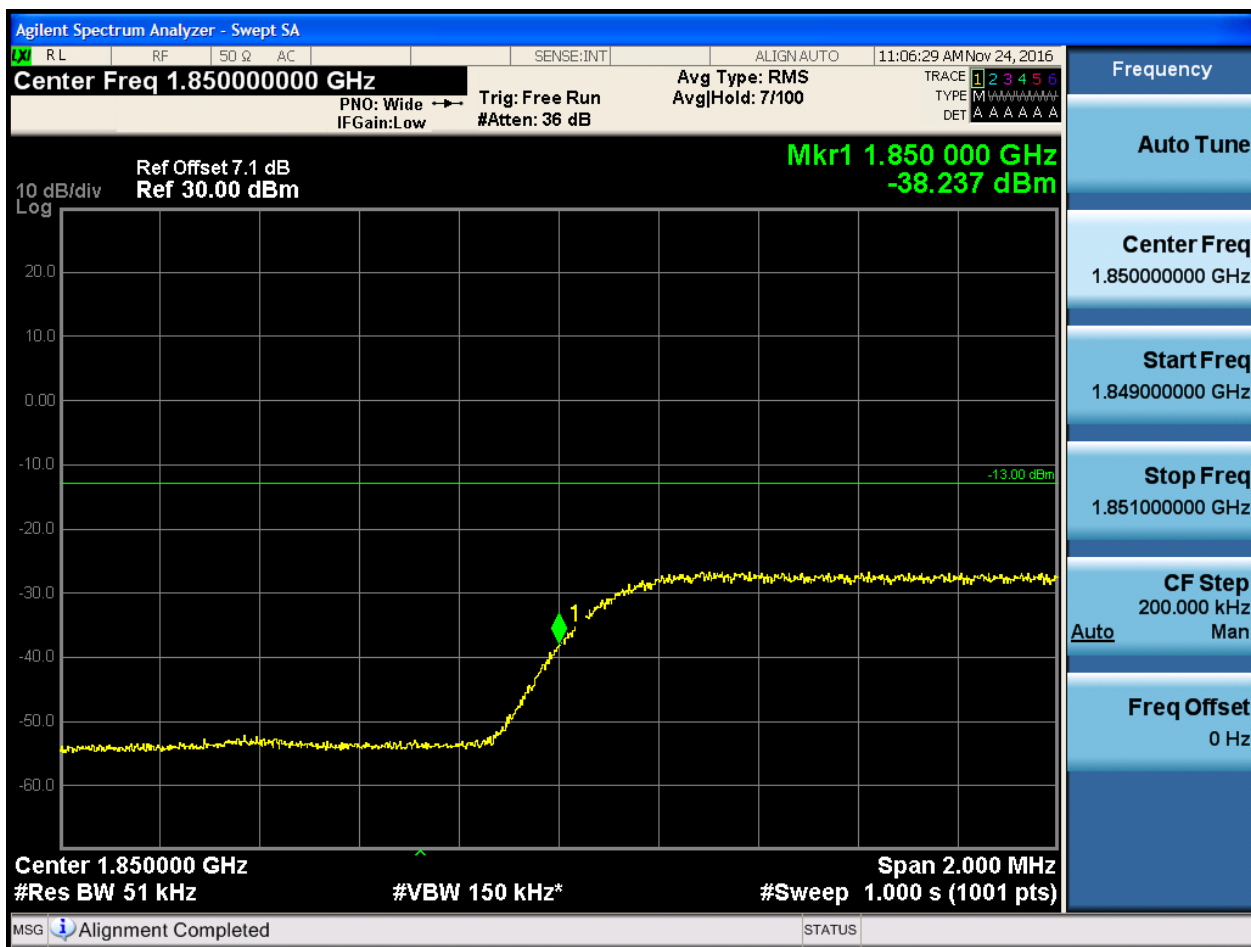
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



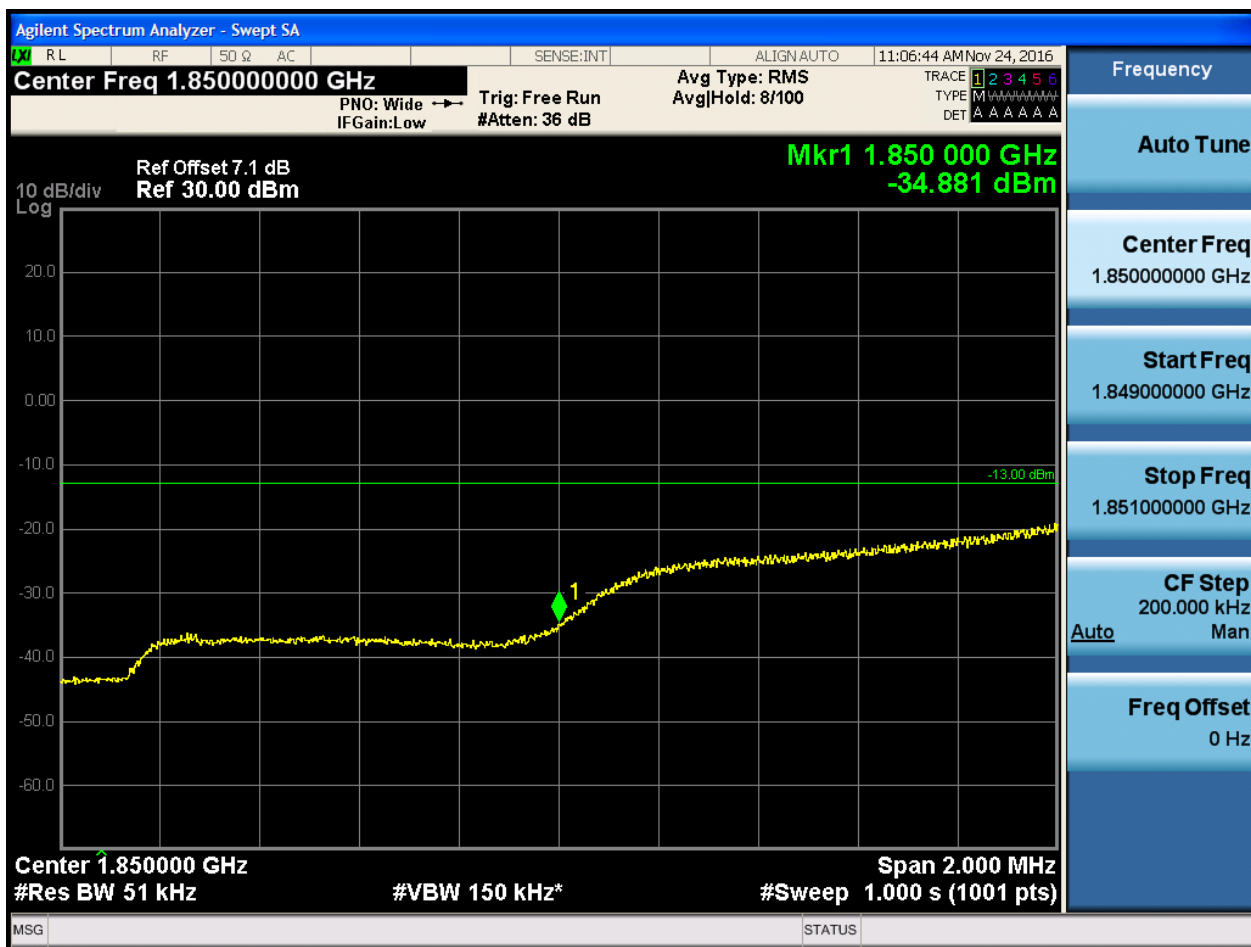


5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.850000000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.850 000 GHz
-32.434 dBm

Center 1.850000 GHz
#Res BW 51 kHz

#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
1.850000000 GHz

Start Freq
1.849000000 GHz

Stop Freq
1.851000000 GHz

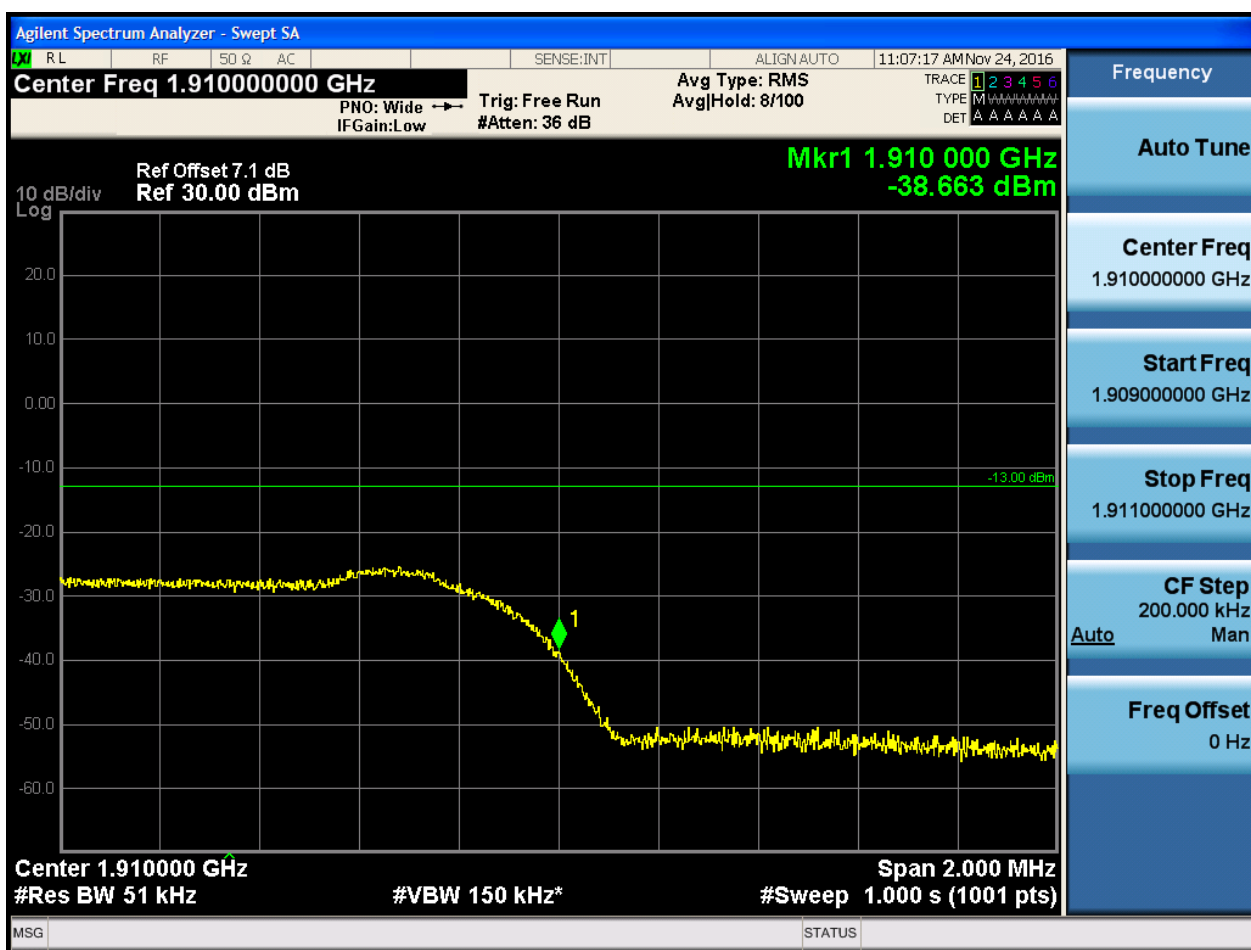
CF Step
200.000 kHz
Man

Freq Offset
0 Hz



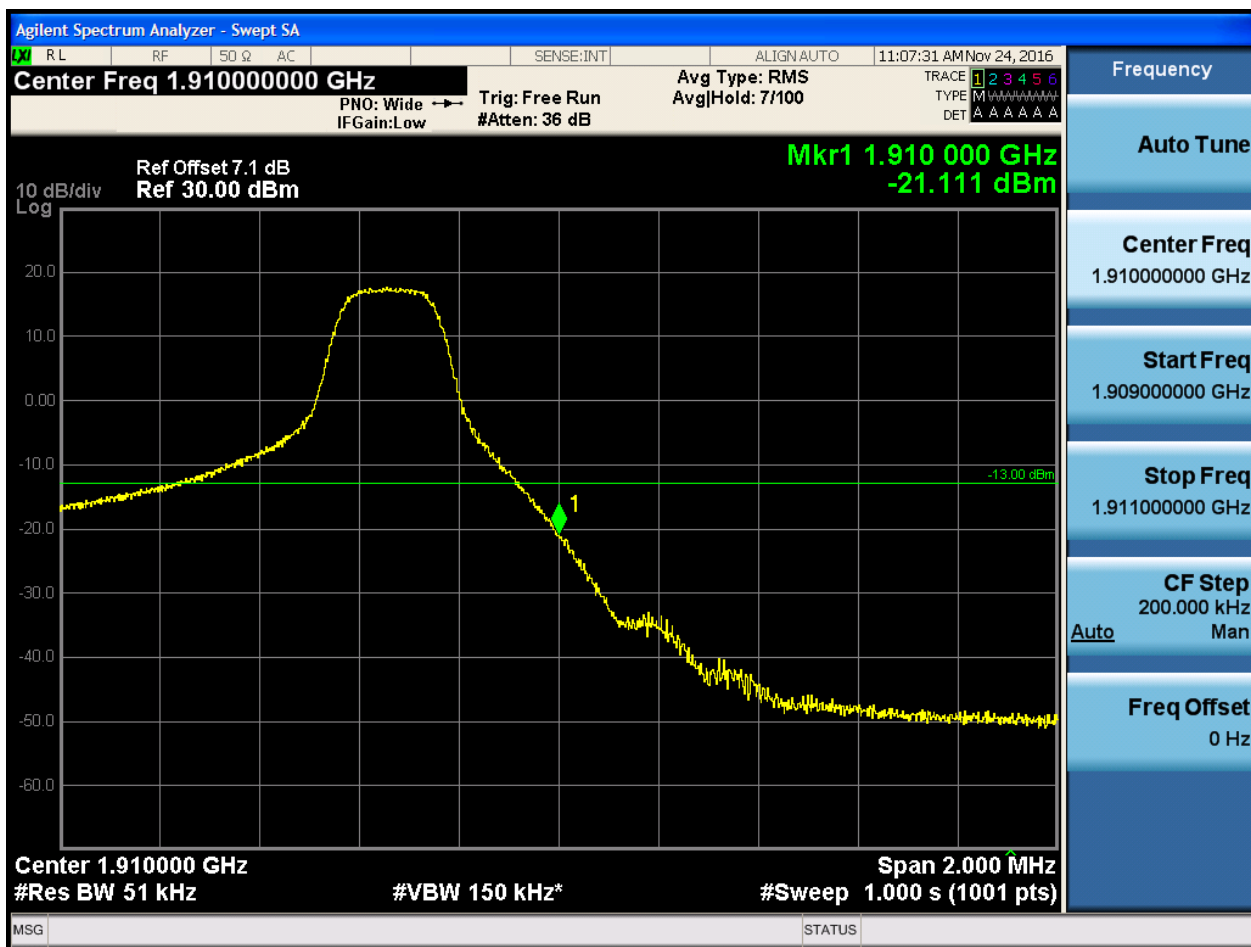
5.1.1.1.3.2 Test Channel = HCH

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:07:59 AM Nov 24, 2016

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 8/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 000 GHz
-32.831 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 51 kHz
#VBW 150 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto Man

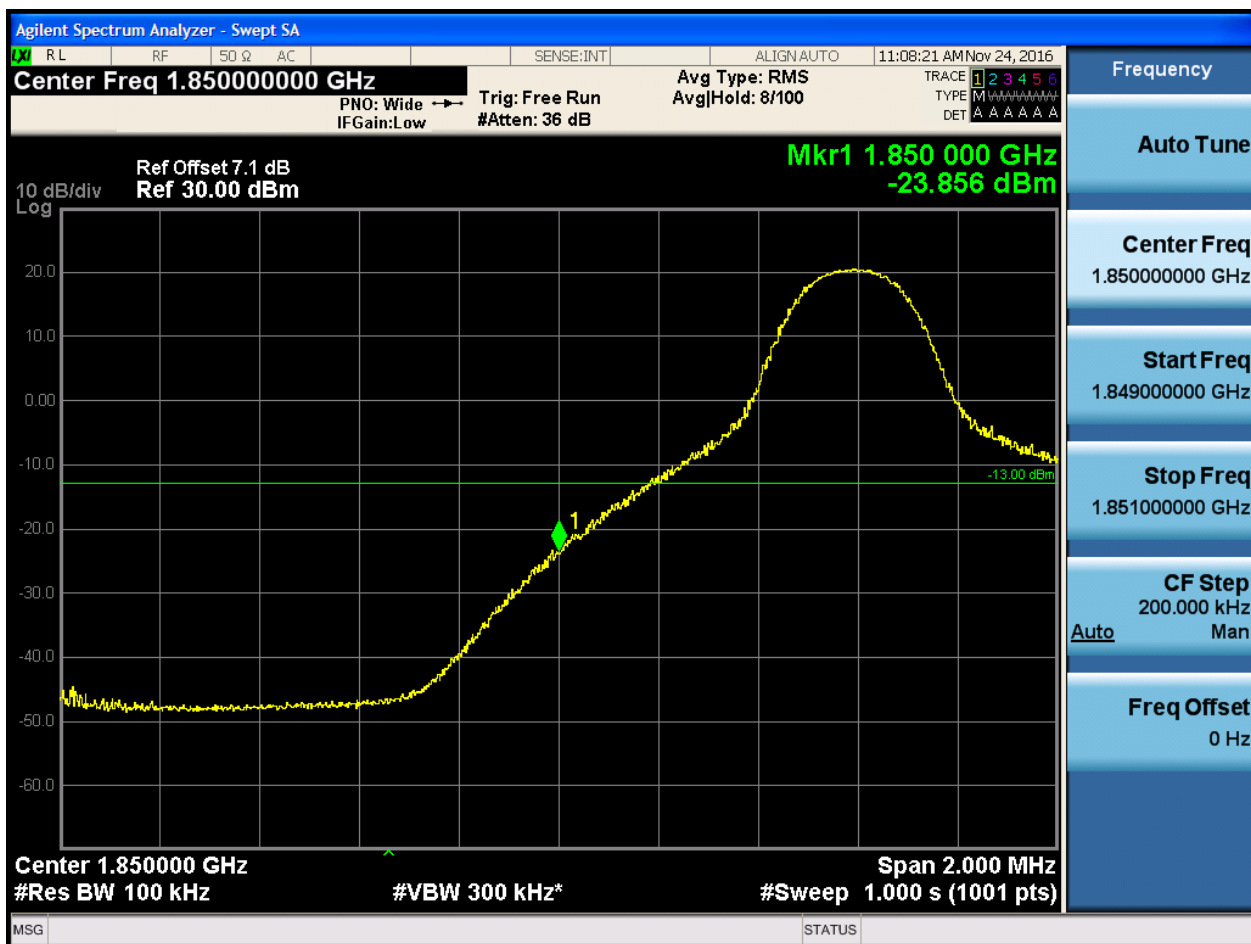
Freq Offset
0 Hz



5.1.1.1.4 Test Bandwidth = 10

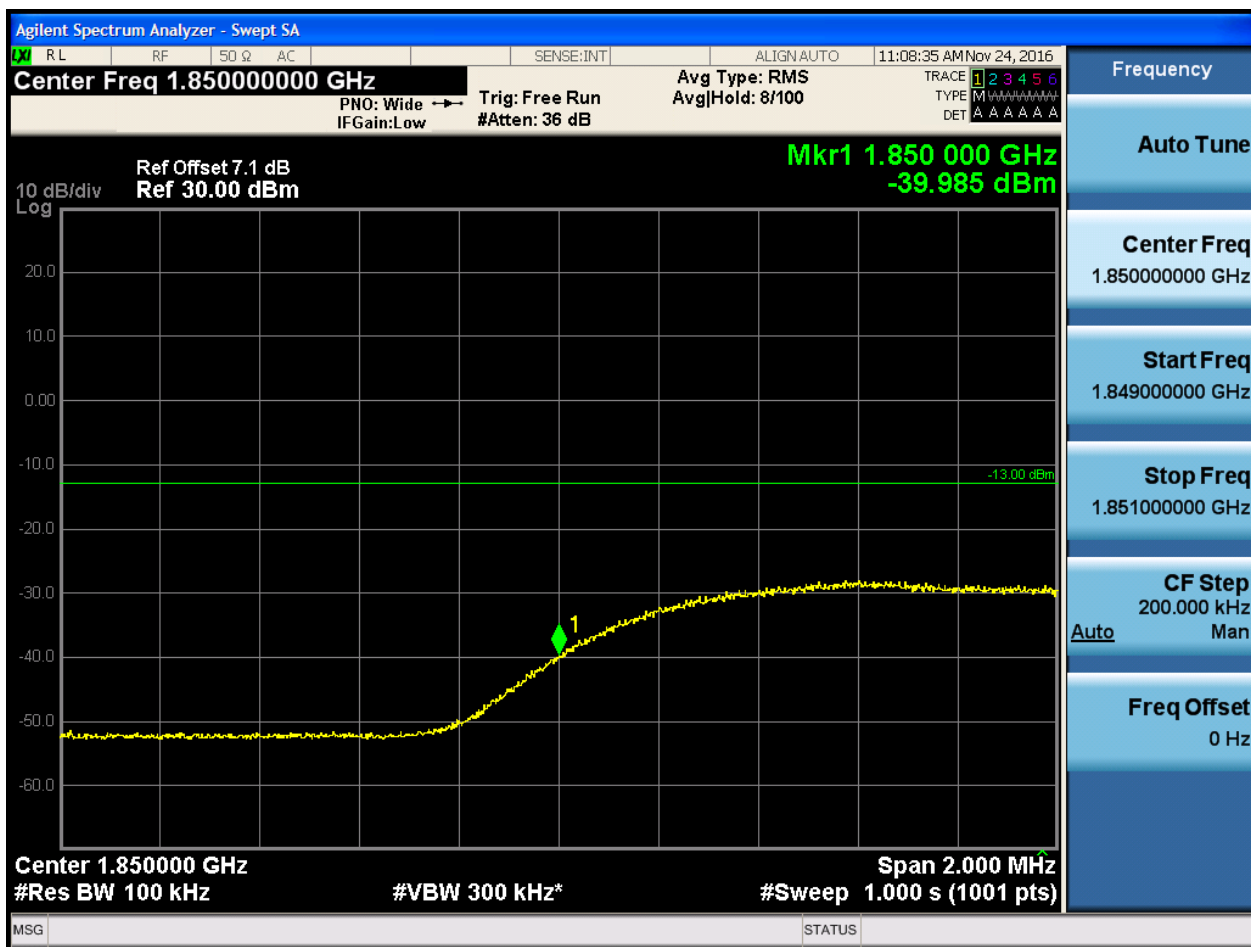
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



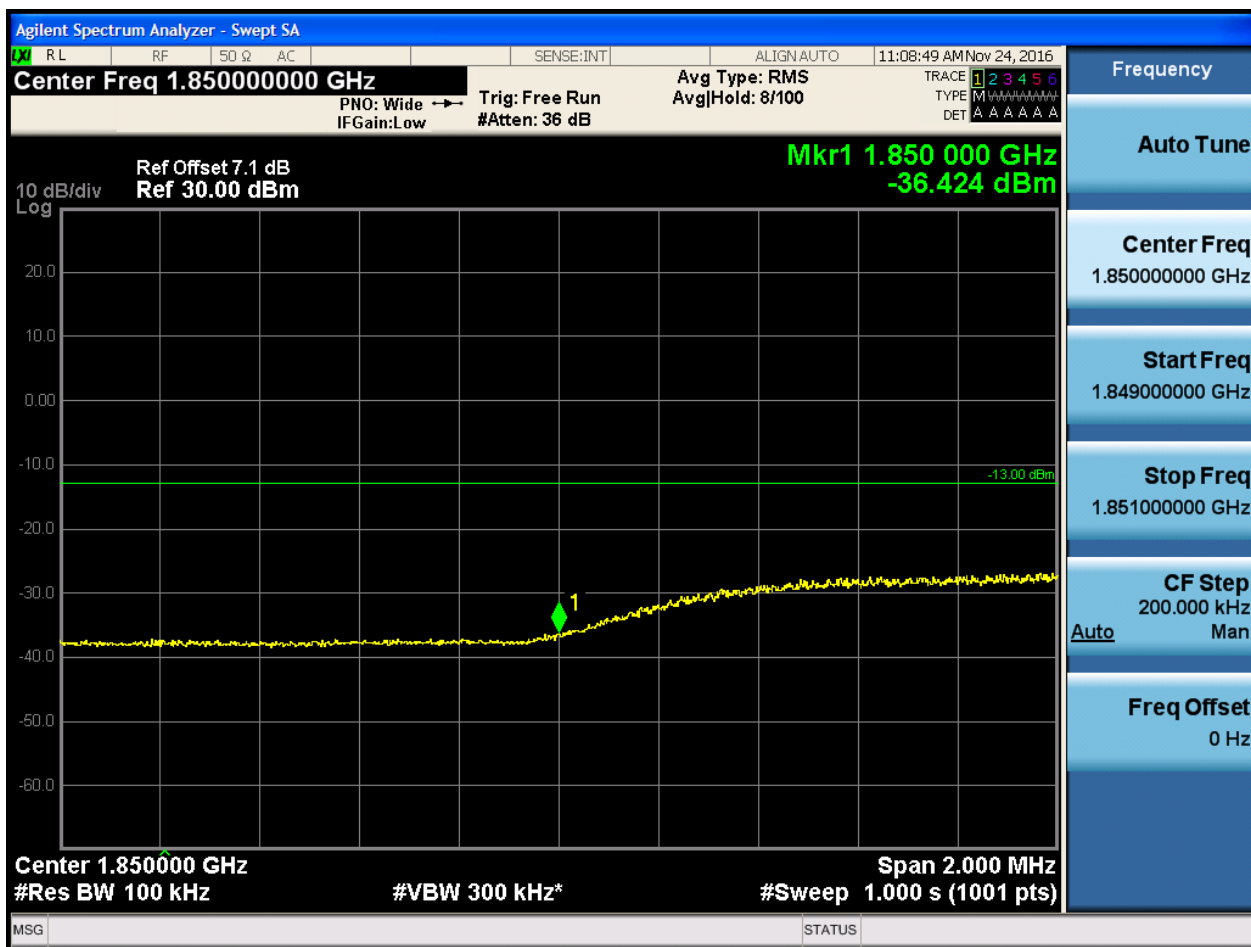


5.1.1.1.4.1.2 Test RB = RB1#49



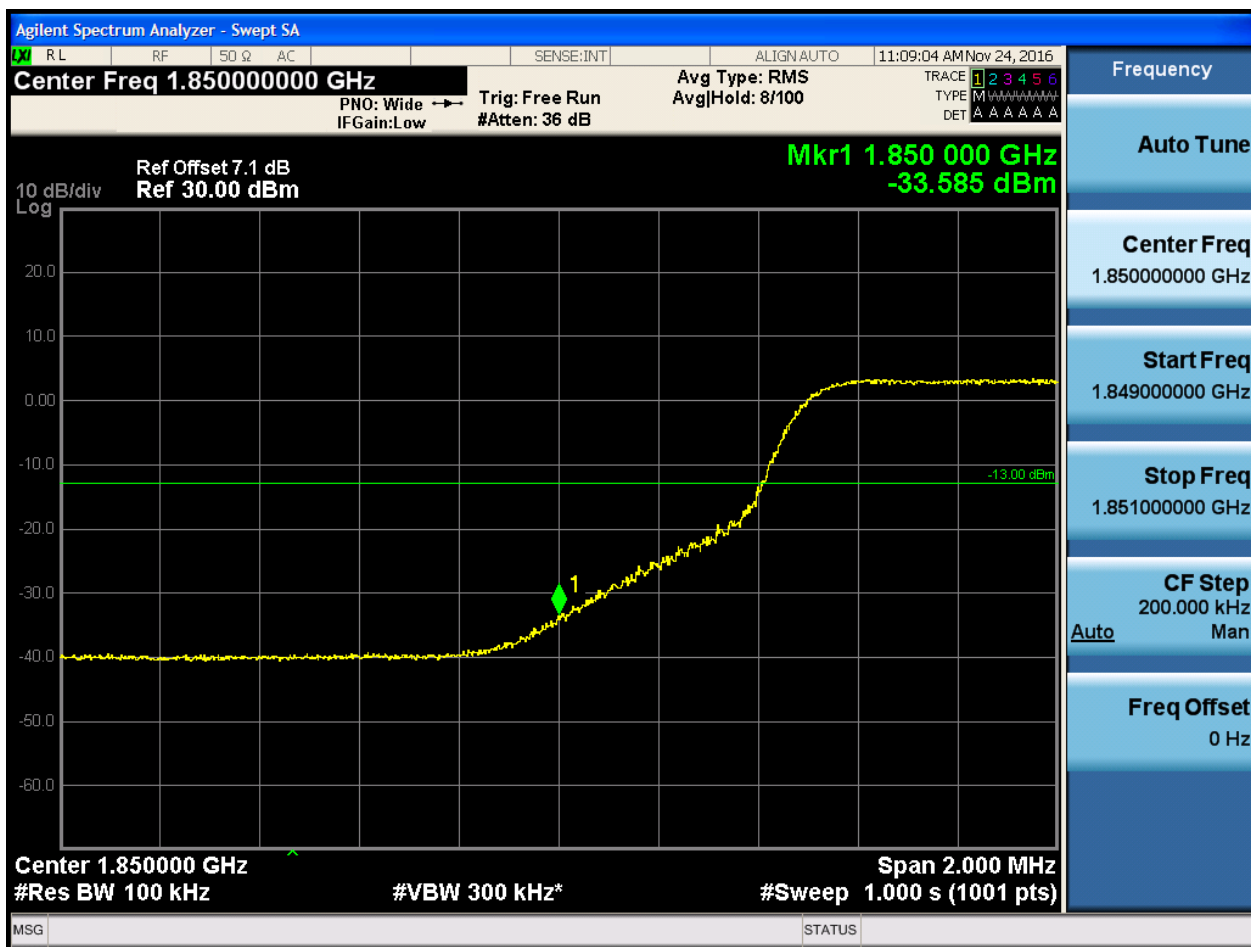


5.1.1.1.4.1.3 Test RB = RB25#13





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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:09:38 AM Nov 24, 2016

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 8/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

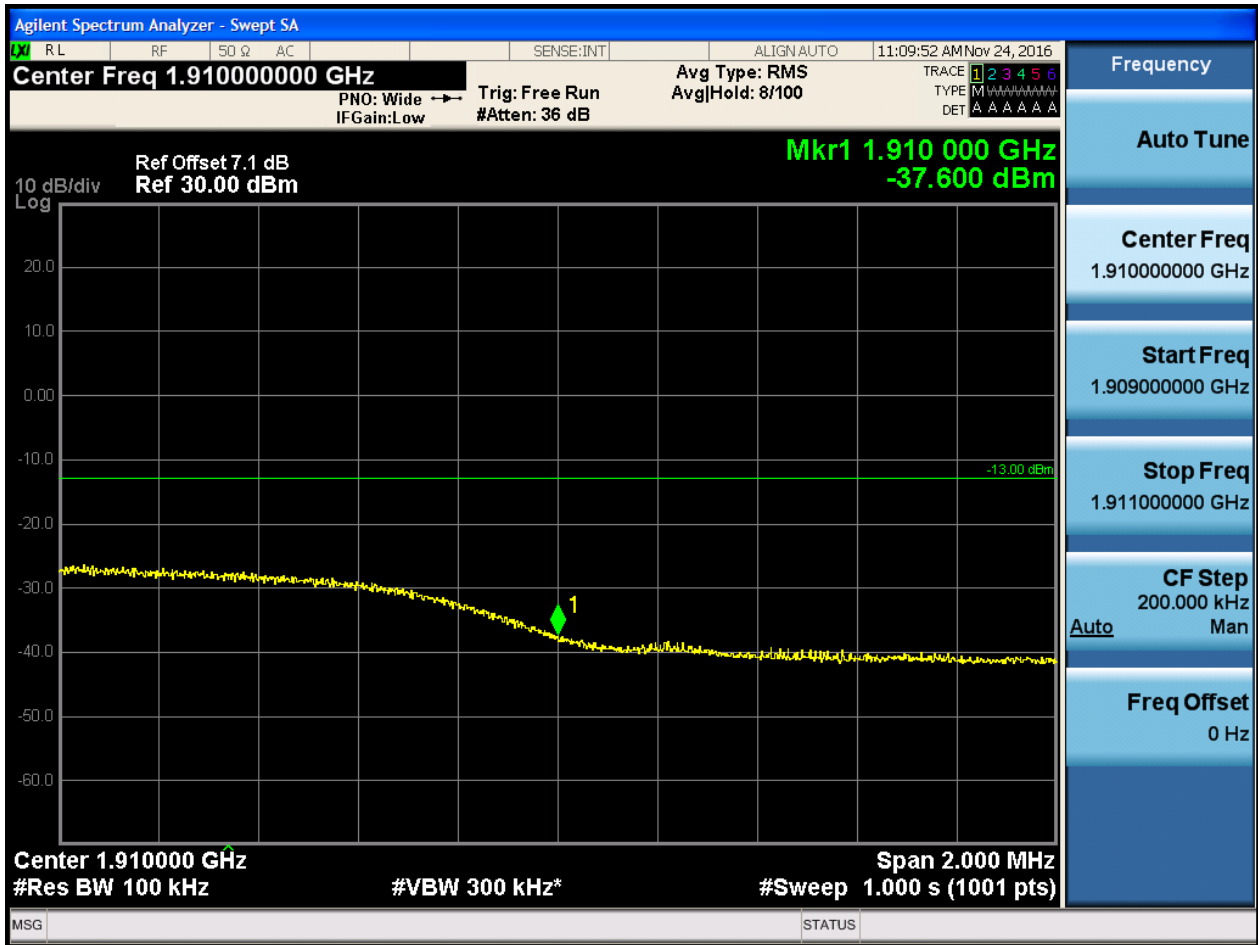
Mkr1 1.910 000 GHz
-24.251 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

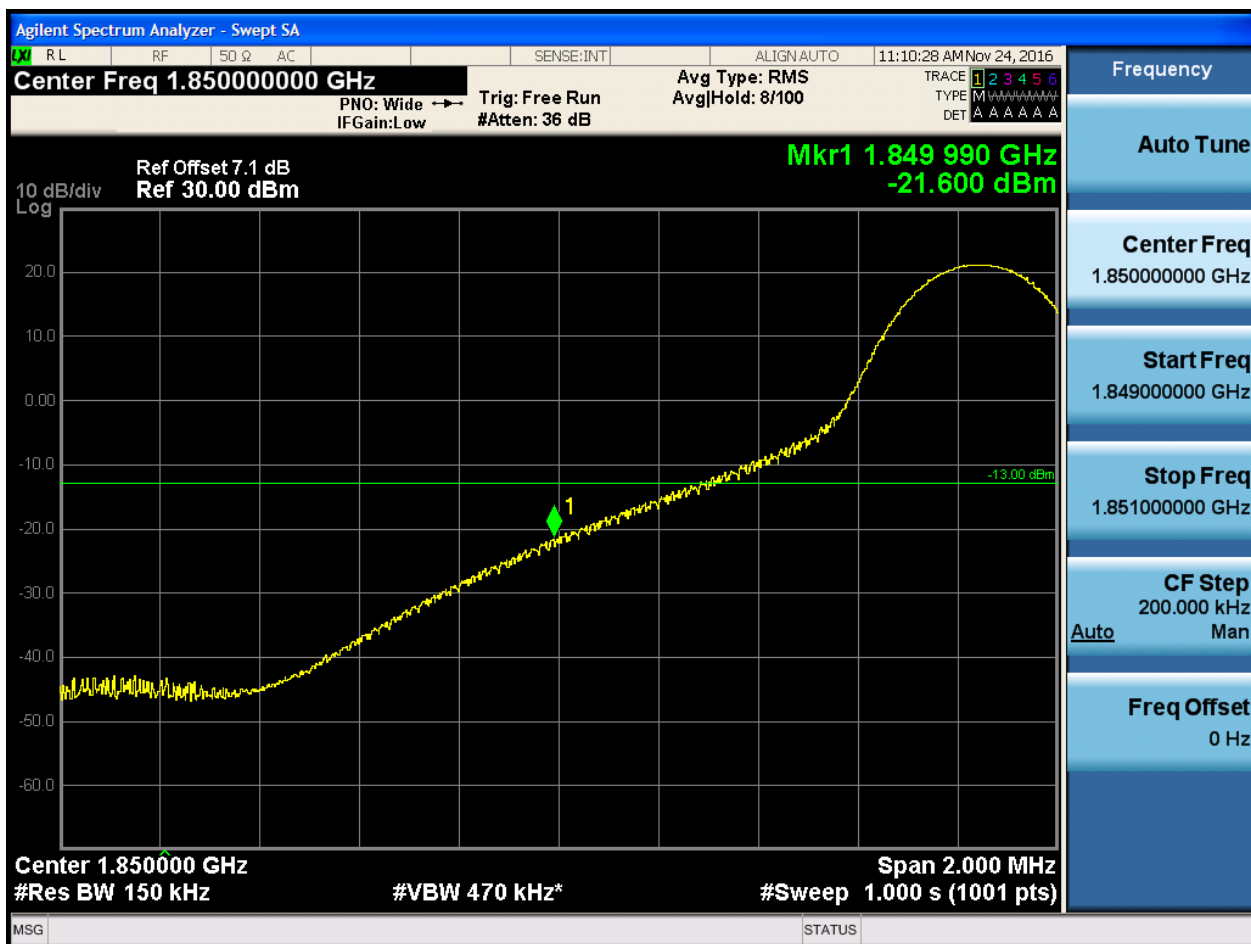




5.1.1.1.5 Test Bandwidth = 15

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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:10:56 AM Nov 24, 2016

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 8/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.849 950 GHz
-37.014 dBm

10 dB/div
Log

Center 1.850000 GHz Span 2.000 MHz
#Res BW 150 kHz #VBW 470 kHz* #Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.850000000 GHz

Start Freq
1.849000000 GHz

Stop Freq
1.851000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



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





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 000 GHz
-22.828 dBm

Center 1.910000 GHz
#Res BW 150 kHz
#VBW 470 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto

Freq Offset
0 Hz



5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

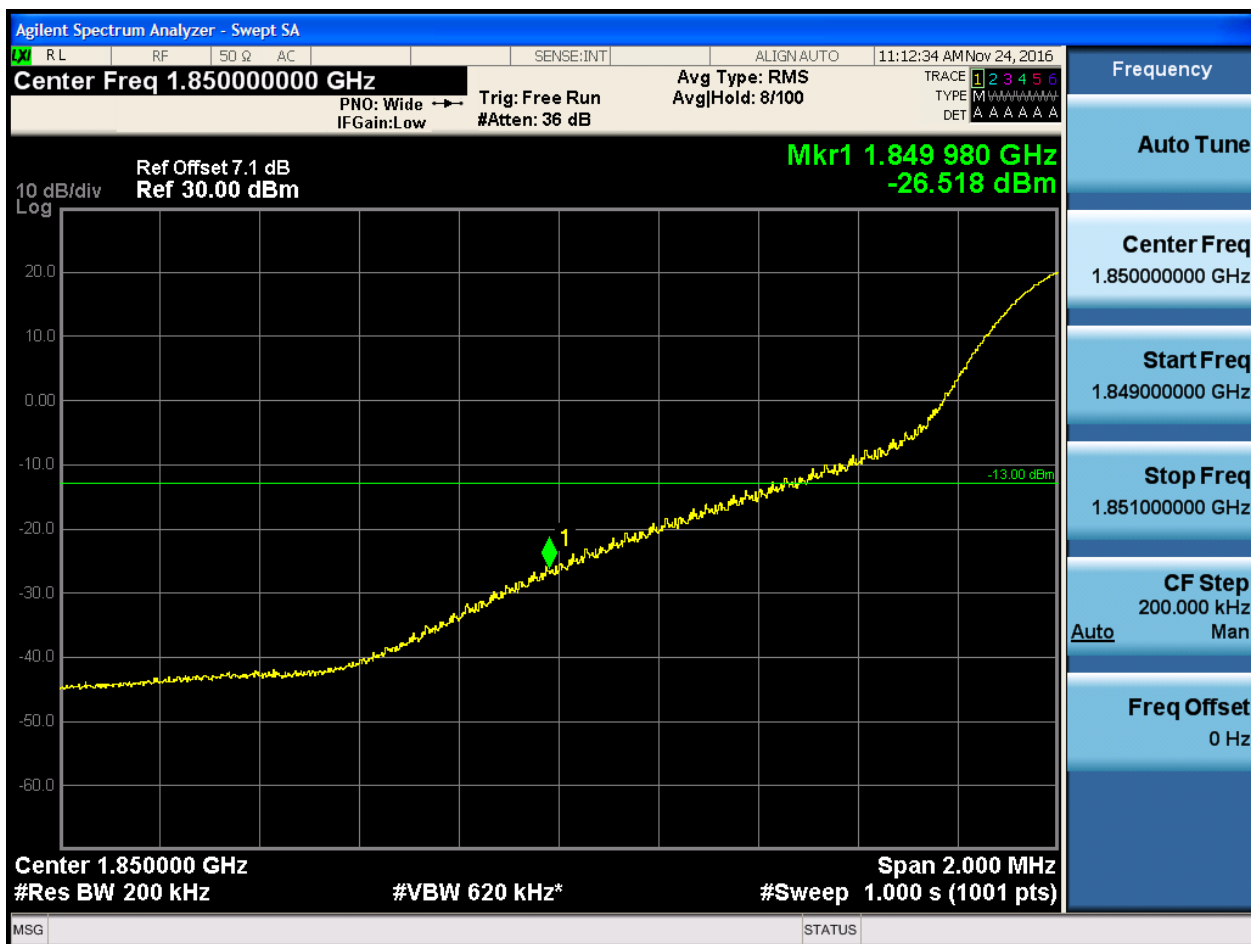




5.1.1.1.6 Test Bandwidth = 20

5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



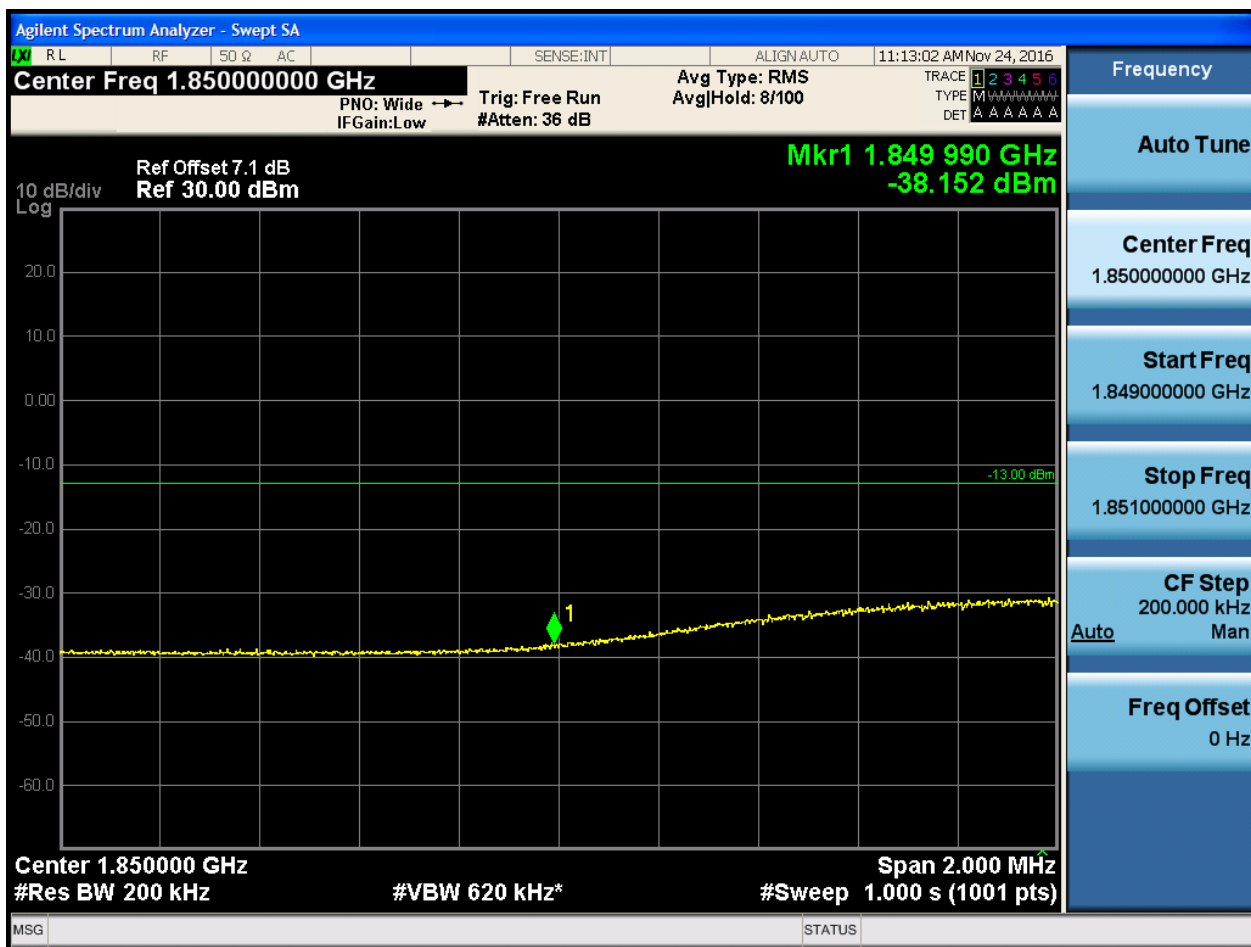


5.1.1.1.6.1.2 Test RB = RB1#99



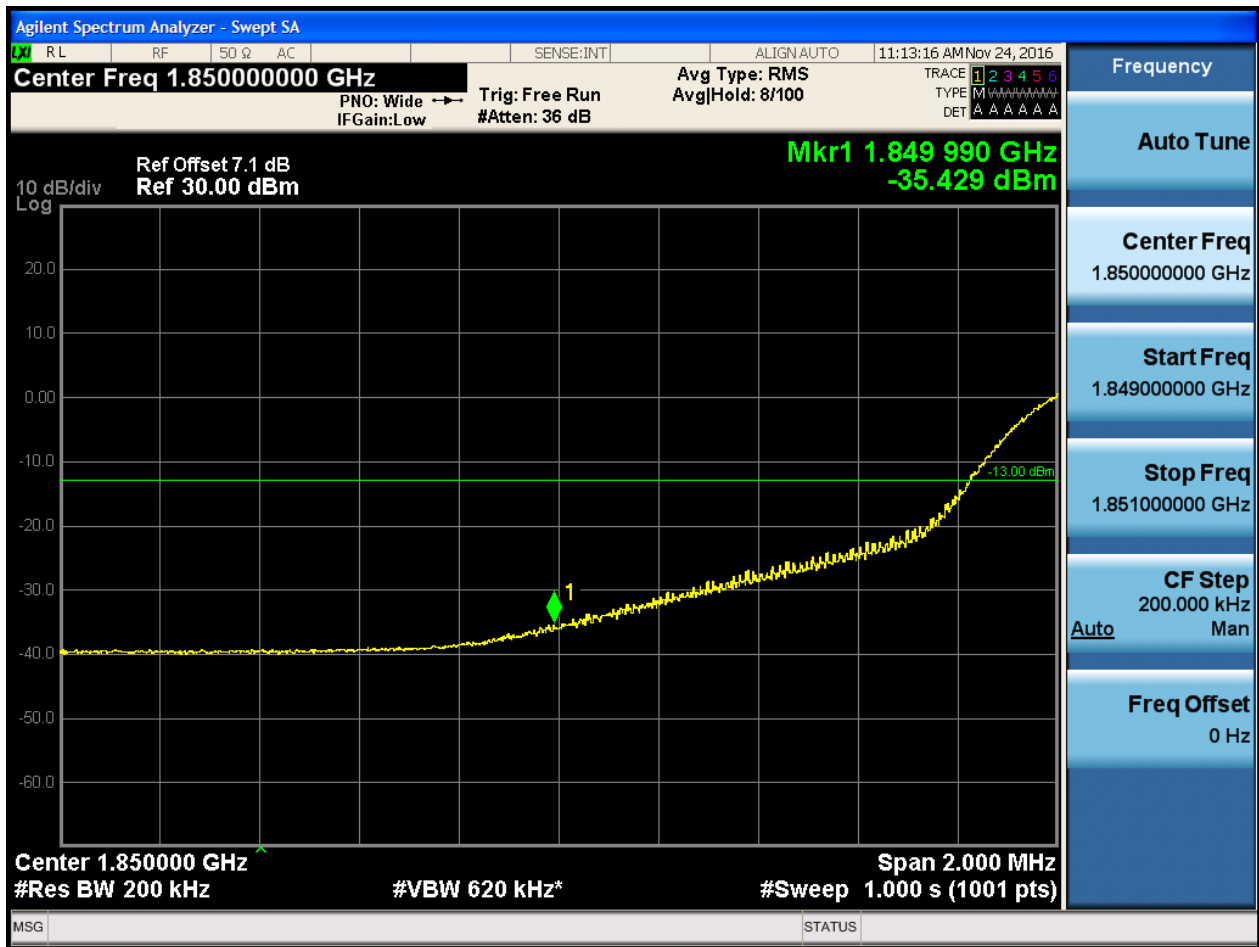


5.1.1.1.6.1.3 Test RB = RB50#25





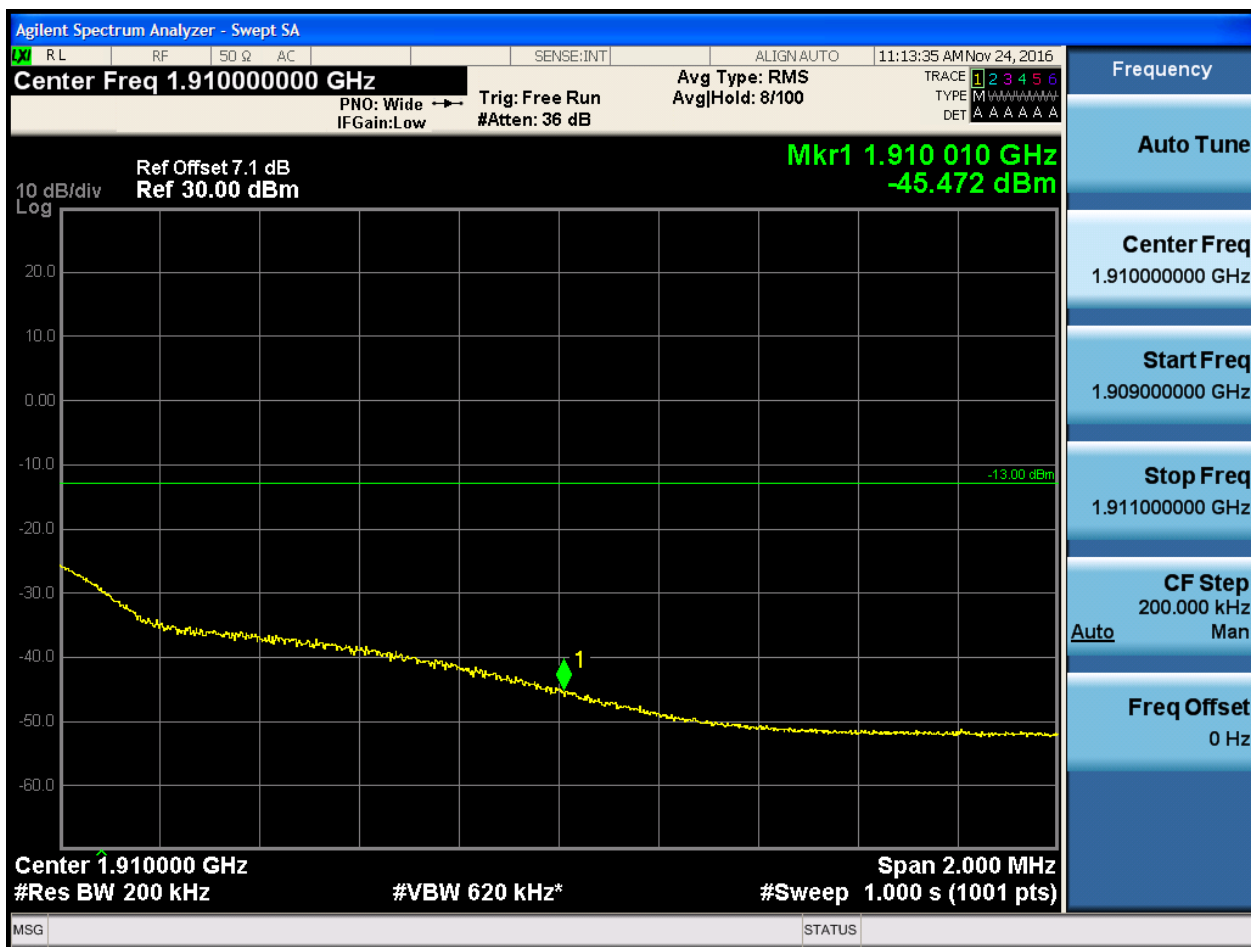
5.1.1.1.6.1.4 Test RB = RB100#0





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





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:14:17 AM Nov 24, 2016

Center Freq 1.910000000 GHz Avg Type: RMS
PNO: Wide IF Gain: Low Trig: Free Run Avg Hold: 71/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 010 GHz
-36.722 dBm

10 dB/div
Log

-13.00 dBm

Center 1.910000 GHz
#Res BW 200 kHz
#VBW 620 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
1.910000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

MSG STATUS

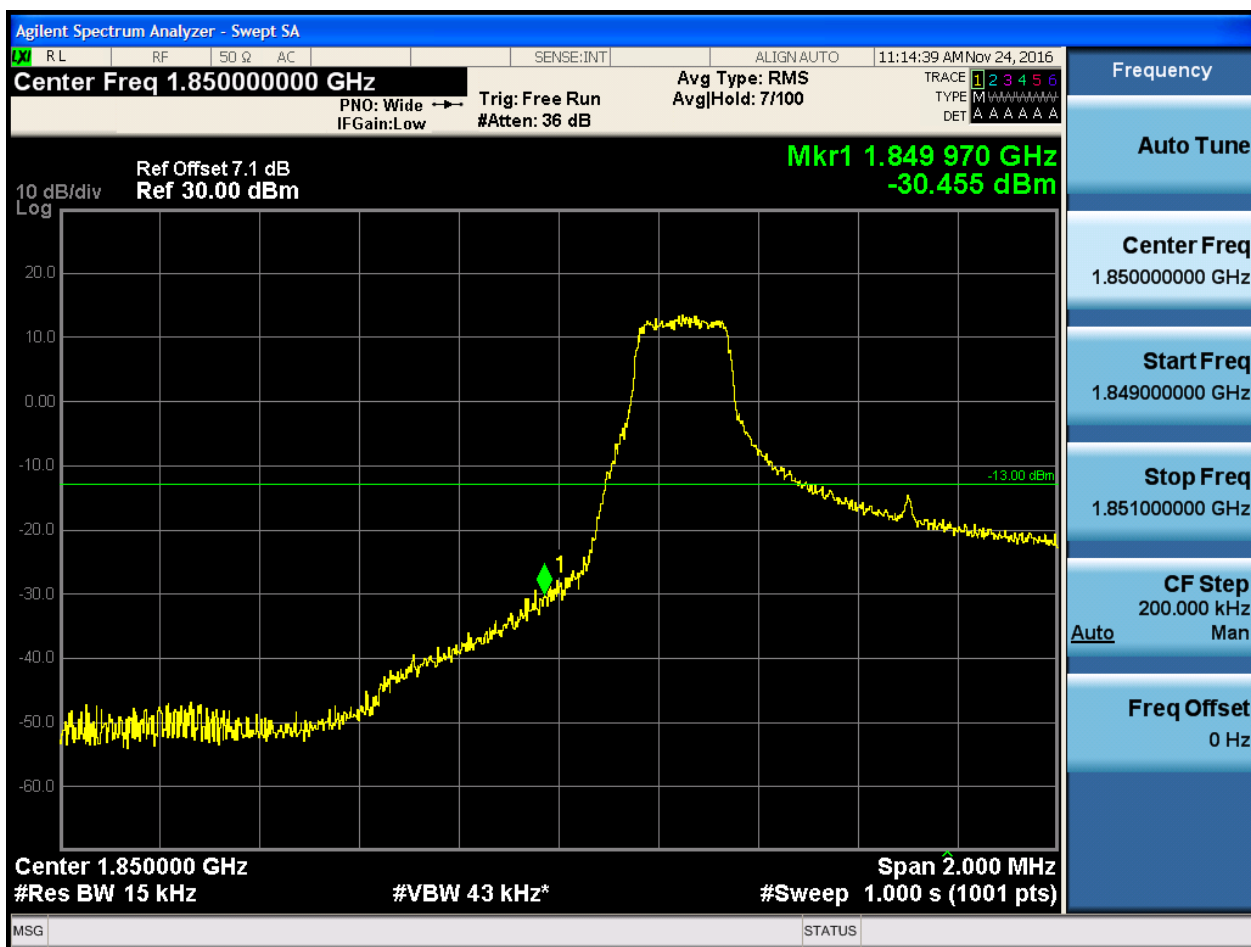


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

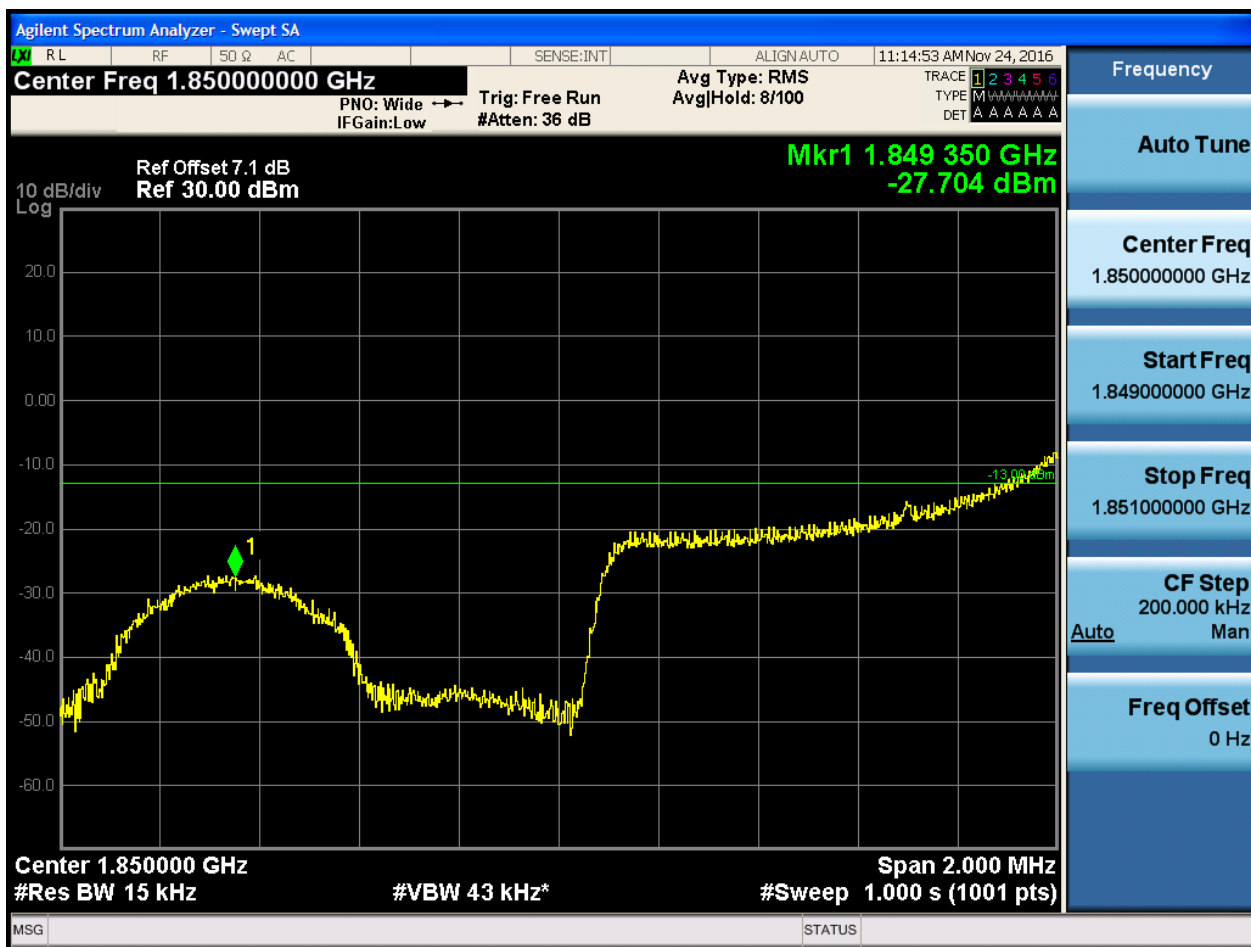
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 11:15:07 AM Nov 24, 2016

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 8/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.850 000 GHz
-33.679 dBm

10 dB/div
Log

20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

-13.00 dBm

Center 1.850000 GHz
#Res BW 15 kHz

#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.850000000 GHz

Start Freq
1.849000000 GHz

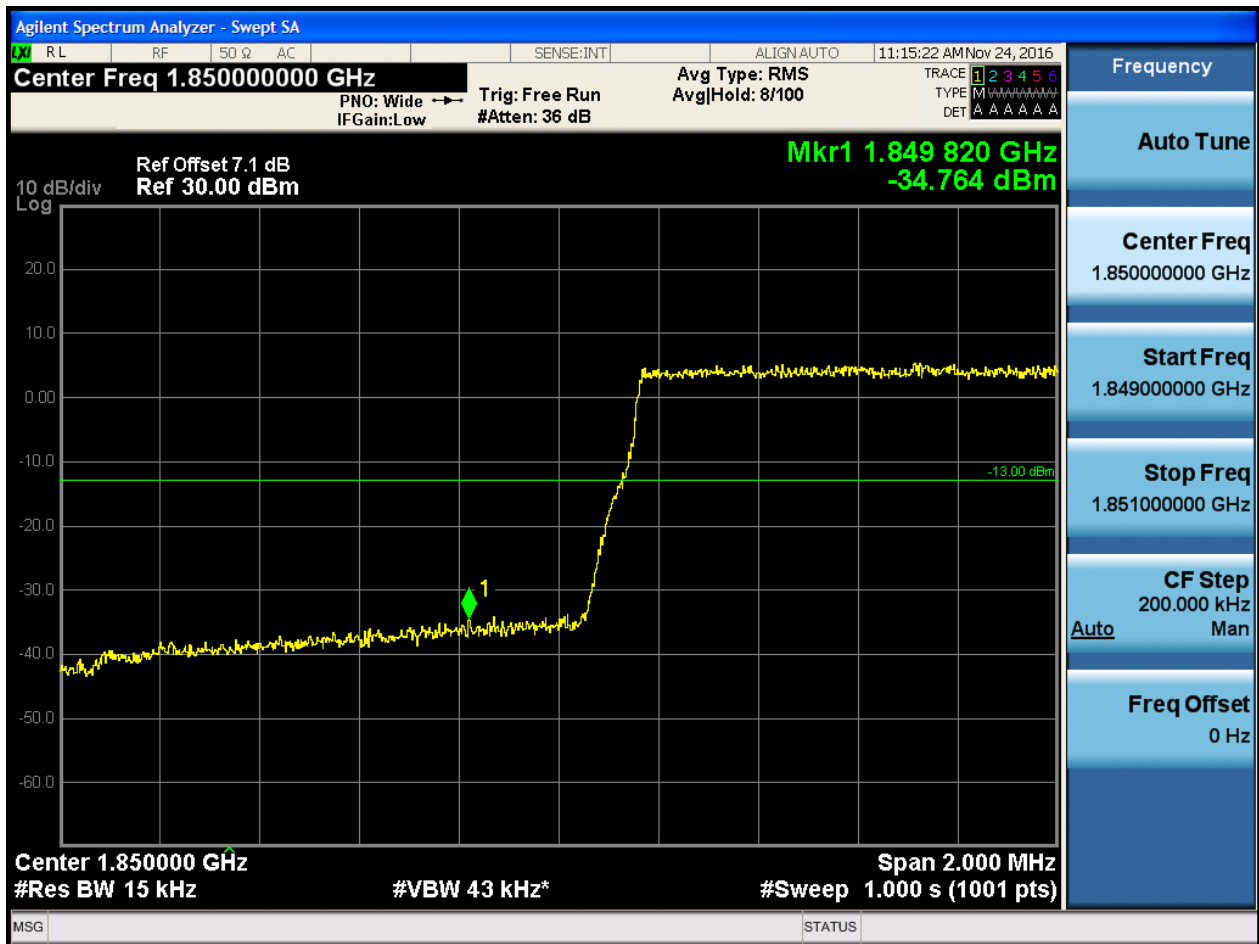
Stop Freq
1.851000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



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





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91000000 GHz

PNO: Wide → Trg: Free Run
IFGain: Low #Atten: 36 dB

Avg Type: RMS
Avg/Hold: 8/100

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.910 010 GHz
-27.272 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 15 kHz

#VBW 43 kHz*

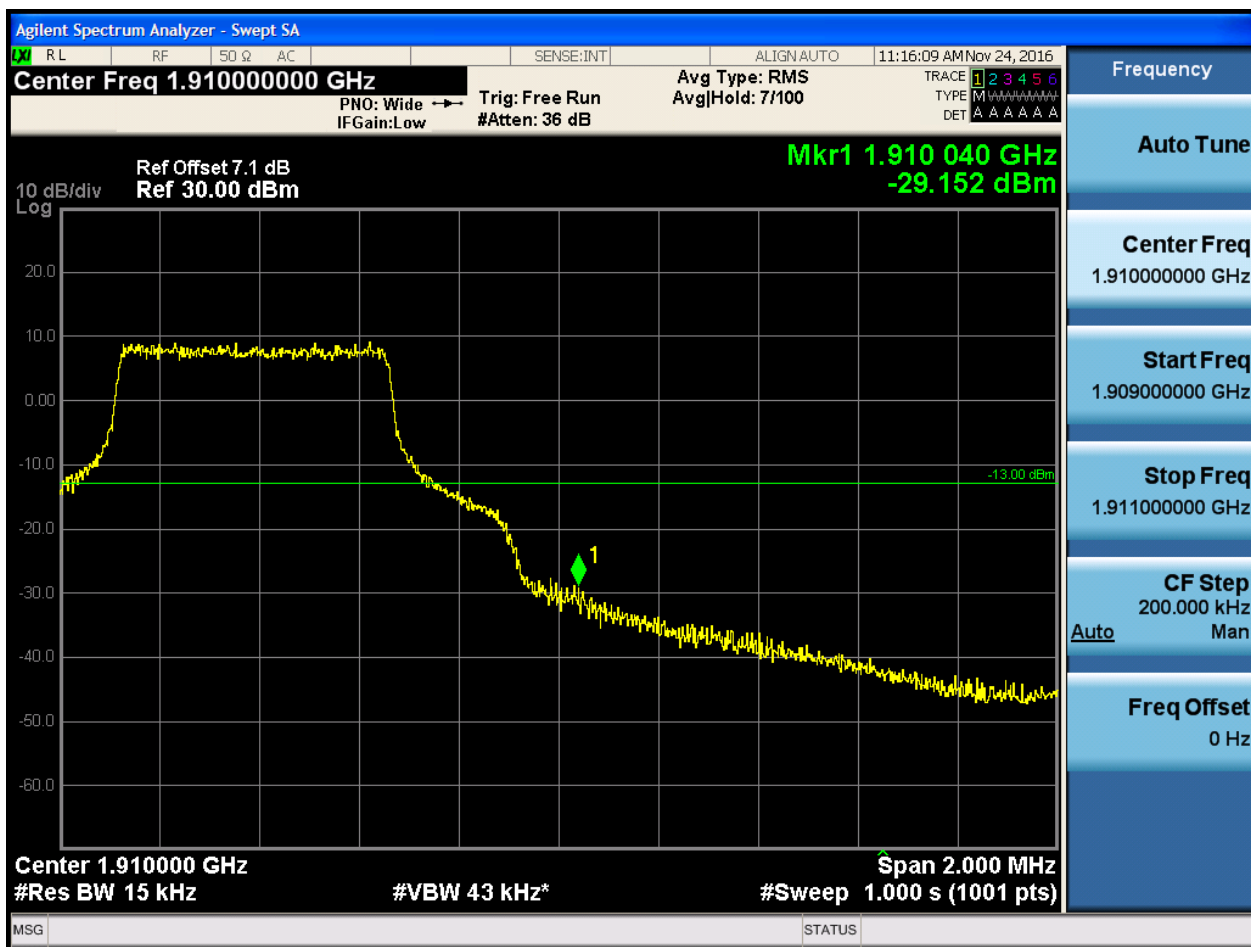
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq 1.91000000 GHz
Start Freq 1.909000000 GHz
Stop Freq 1.911000000 GHz
CF Step 200.000 kHz <u>Auto</u> Man
Freq Offset 0 Hz

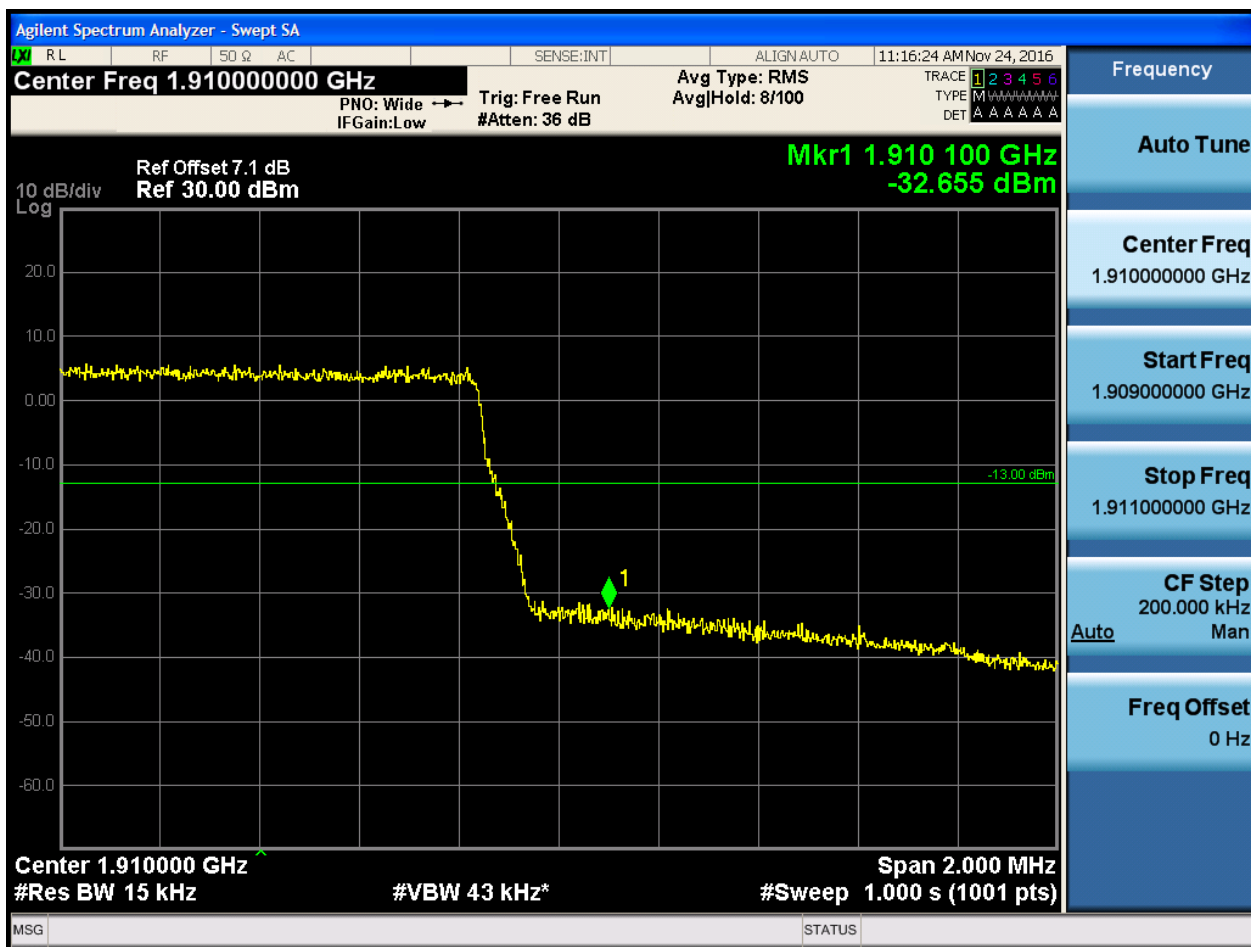


5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

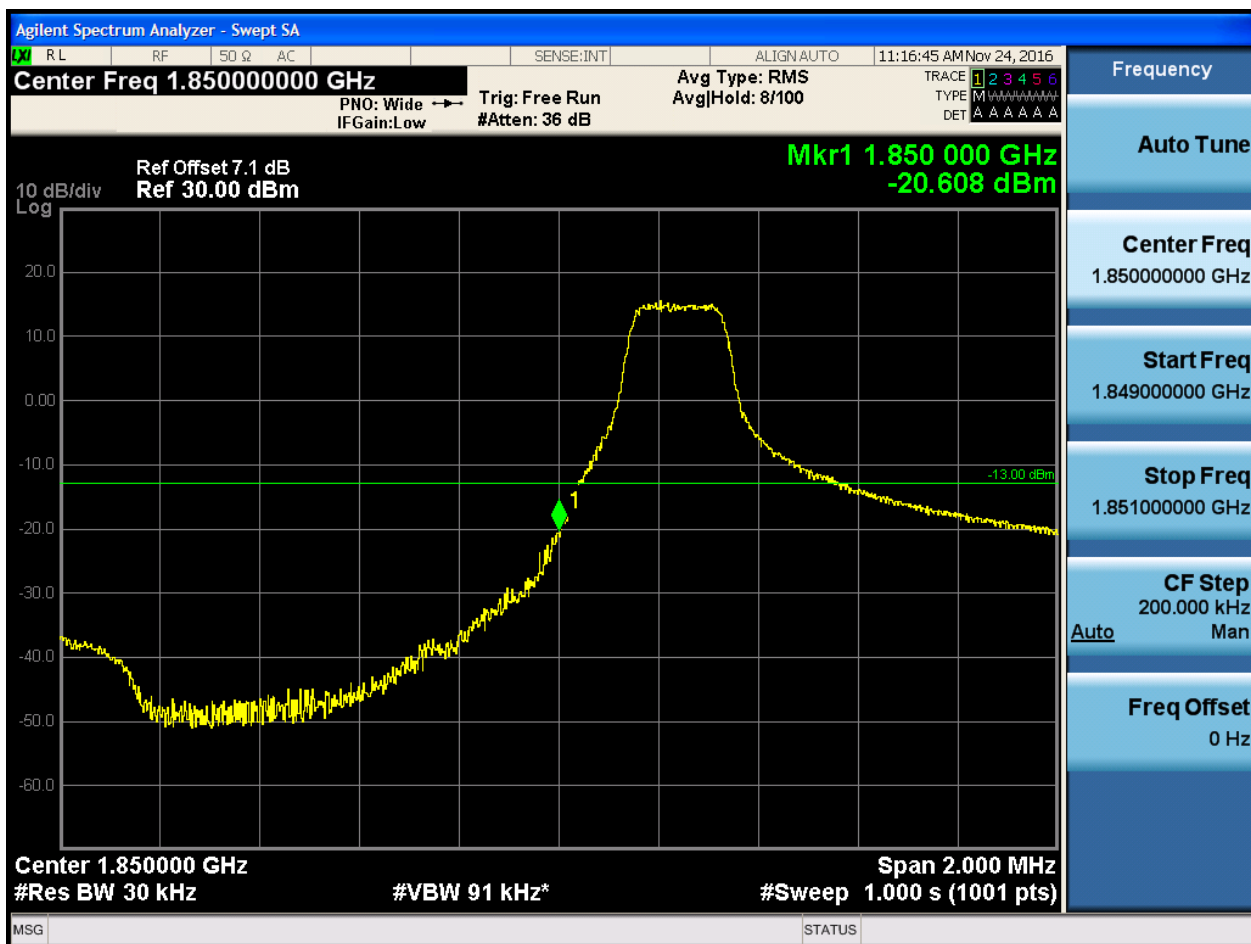




5.1.1.2.2 Test Bandwidth = 3

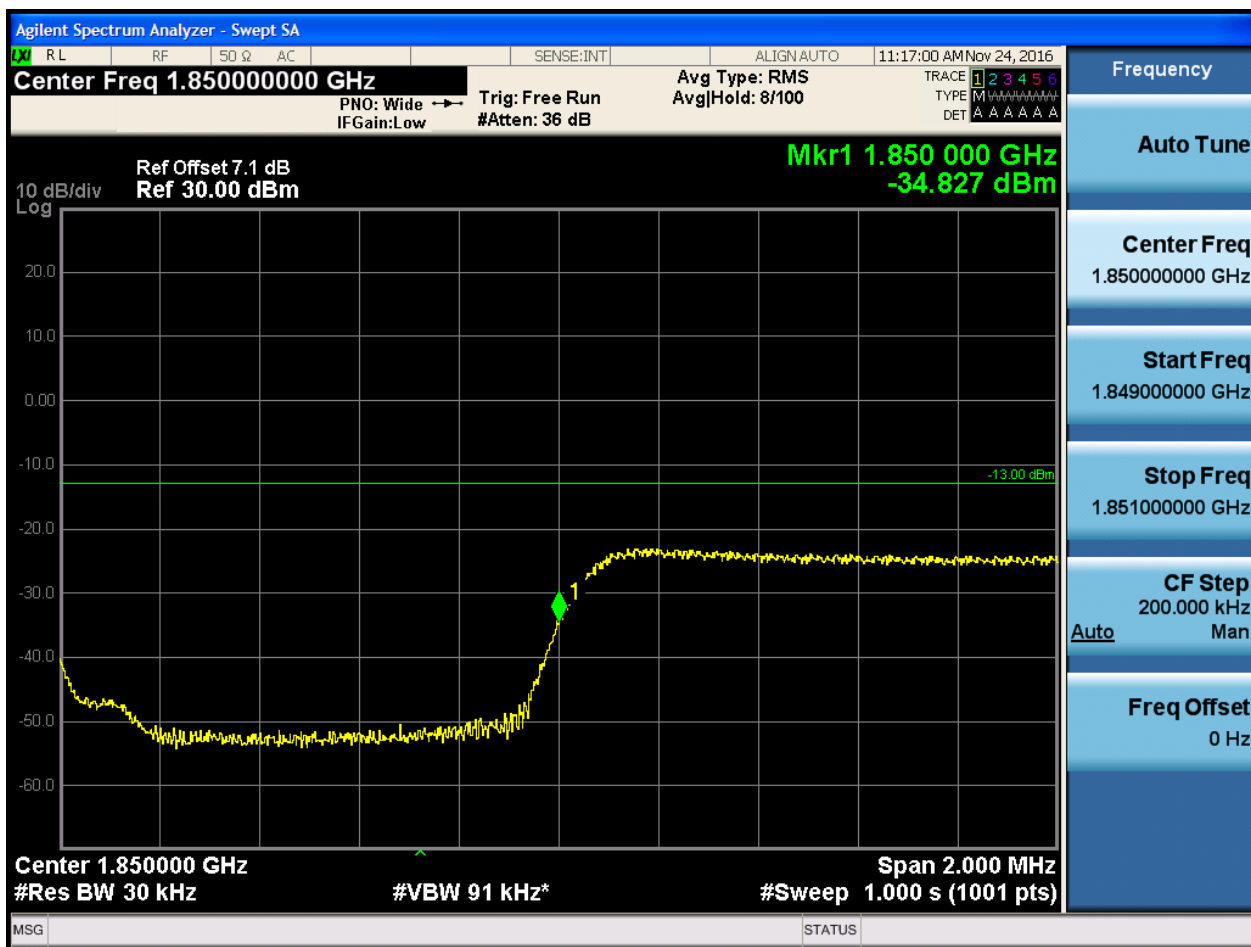
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



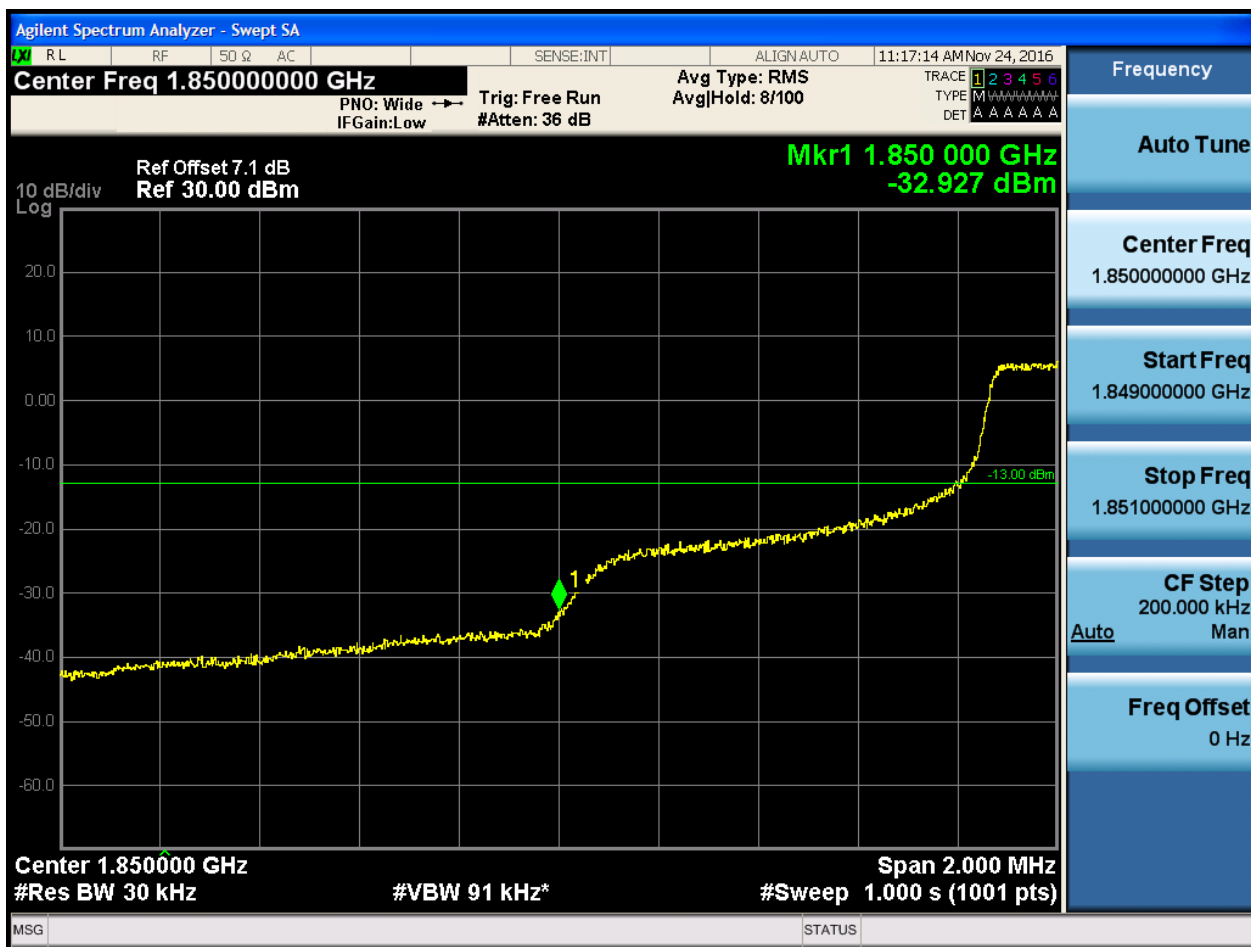


5.1.1.2.2.1.2 Test RB = RB1#14





5.1.1.2.2.1.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 11:17:28 AM Nov 24, 2016

Center Freq 1.850000000 GHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 8/100
#Atten: 36 dB

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

Ref Offset 7.1 dB
Ref 30.00 dBm

Mkr1 1.850 000 GHz
-30.246 dBm

10 dB/div
Log

-13.00 dBm

Center 1.850000 GHz Span 2.000 MHz
#Res BW 30 kHz #VBW 91 kHz* #Sweep 1.000 s (1001 pts)

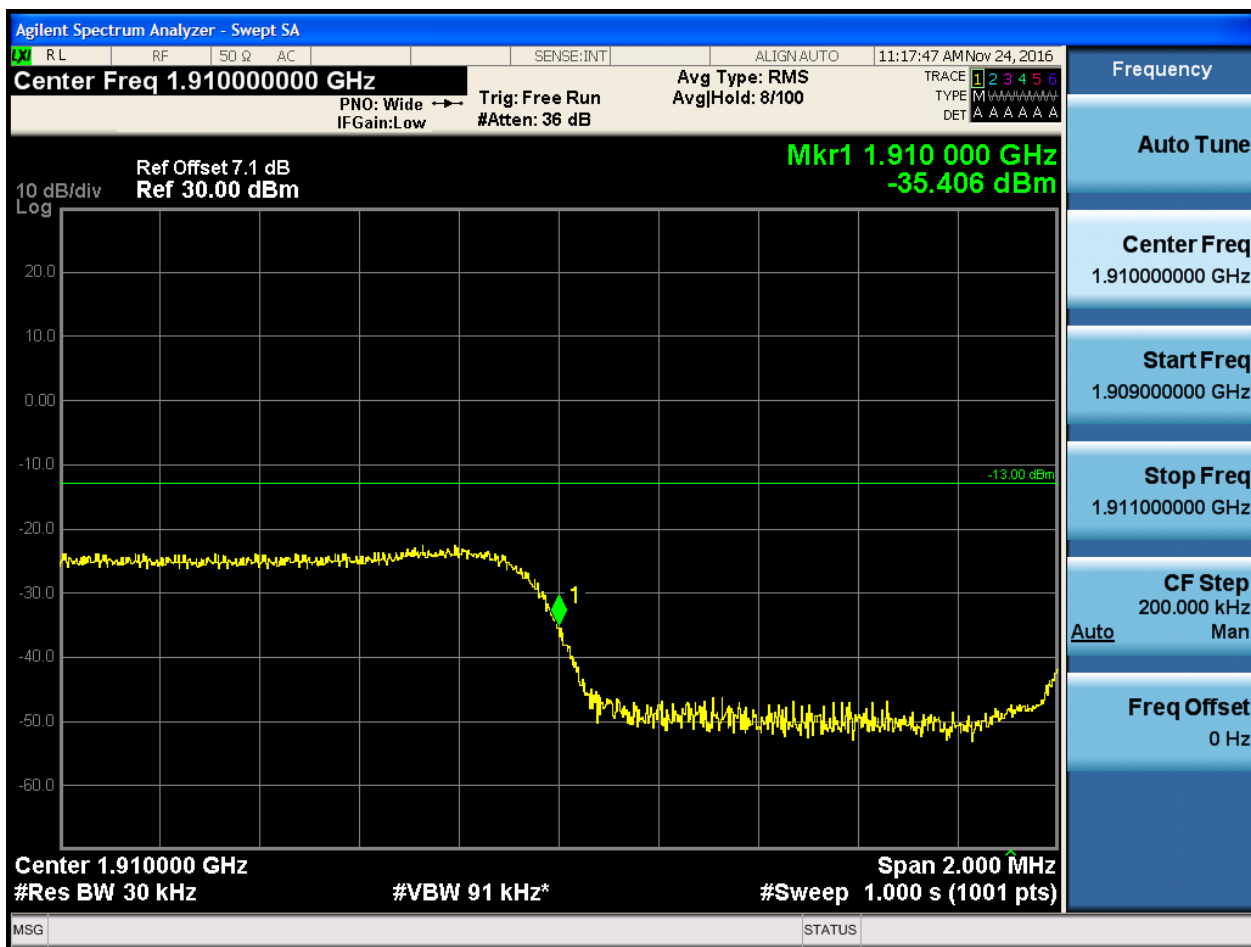
MSG STATUS

Frequency
Auto Tune
Center Freq 1.850000000 GHz
Start Freq 1.849000000 GHz
Stop Freq 1.851000000 GHz
CF Step 200.000 kHz Auto Man
Freq Offset 0 Hz



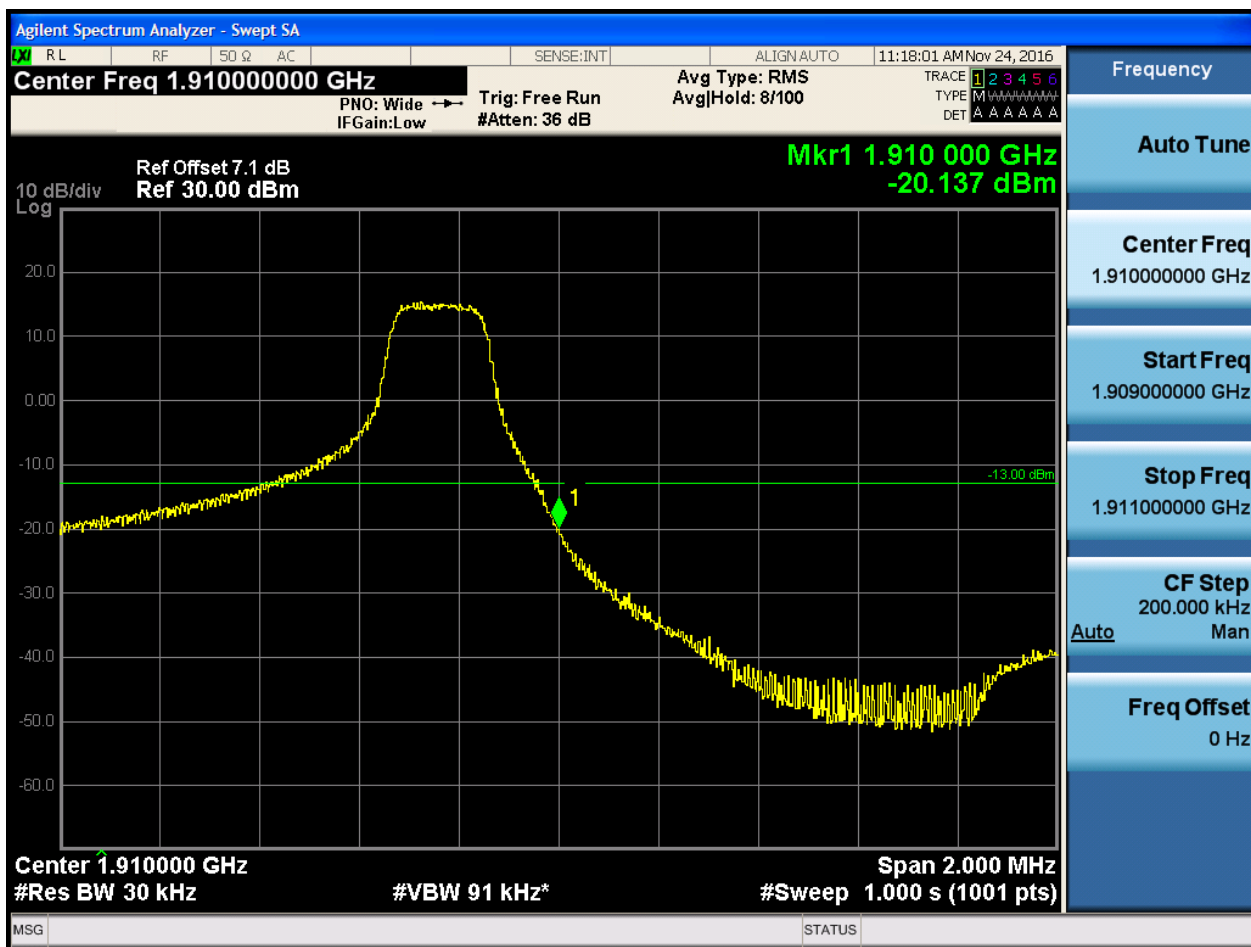
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14





5.1.1.2.2.3 Test RB = RB8#4

