



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	22.09	20.27	33	PASS
				RB1#3	22.28	20.46	33	PASS
				RB1#5	22.16	20.34	33	PASS
				RB3#0	21.96	20.14	33	PASS
				RB3#2	22.05	20.23	33	PASS
				RB3#3	22.04	20.22	33	PASS
			MCH	RB6#0	20.98	19.16	33	PASS
				RB1#0	22.19	20.37	33	PASS
				RB1#3	22.21	20.39	33	PASS
				RB1#5	22.18	20.36	33	PASS
				RB3#0	22.05	20.23	33	PASS
				RB3#2	22.1	20.28	33	PASS
				RB3#3	22.08	20.26	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.06	19.24	33	PASS
			HCH	RB1#0	22.25	20.43	33	PASS
				RB1#3	22.24	20.42	33	PASS
				RB1#5	22.17	20.35	33	PASS
				RB3#0	22.2	20.38	33	PASS
				RB3#2	22.21	20.39	33	PASS
				RB3#3	22.22	20.4	33	PASS
				RB6#0	21.32	19.5	33	PASS
		3	LCH	RB1#0	22.3	20.48	33	PASS
				RB1#7	22.36	20.54	33	PASS
				RB1#14	22.35	20.53	33	PASS
				RB8#0	21.11	19.29	33	PASS
				RB8#4	21.04	19.22	33	PASS
				RB8#7	21.08	19.26	33	PASS
				RB15#0	21.17	19.35	33	PASS
			MCH	RB1#0	22.28	20.46	33	PASS
				RB1#7	22.37	20.55	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.29	20.47	33	PASS
				RB8#0	21.16	19.34	33	PASS
				RB8#4	21.08	19.26	33	PASS
				RB8#7	21.09	19.27	33	PASS
				RB15#0	21.1	19.28	33	PASS
			HCH	RB1#0	22.22	20.4	33	PASS
				RB1#7	22.45	20.63	33	PASS
				RB1#14	22.48	20.66	33	PASS
				RB8#0	21.33	19.51	33	PASS
				RB8#4	21.26	19.44	33	PASS
				RB8#7	21.15	19.33	33	PASS
				RB15#0	21.33	19.51	33	PASS
		5	LCH	RB1#0	22.2	20.38	33	PASS
				RB1#13	22.35	20.53	33	PASS
				RB1#24	22.15	20.33	33	PASS
				RB12#0	21.07	19.25	33	PASS
				RB12#6	21.08	19.26	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.14	19.32	33	PASS
				RB25#0	21.07	19.25	33	PASS
			MCH	RB1#0	22.2	20.38	33	PASS
				RB1#13	22.23	20.41	33	PASS
				RB1#24	22.35	20.53	33	PASS
				RB12#0	21.12	19.3	33	PASS
				RB12#6	21.08	19.26	33	PASS
				RB12#13	21.18	19.36	33	PASS
				RB25#0	21.17	19.35	33	PASS
			HCH	RB1#0	22.29	20.47	33	PASS
				RB1#13	22.36	20.54	33	PASS
				RB1#24	22.24	20.42	33	PASS
				RB12#0	21.26	19.44	33	PASS
				RB12#6	21.2	19.38	33	PASS
				RB12#13	21.17	19.35	33	PASS
				RB25#0	21.33	19.51	33	PASS
		10	LCH	RB1#0	22.28	20.46	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.27	20.45	33	PASS
				RB1#49	22.4	20.58	33	PASS
				RB25#0	21.25	19.43	33	PASS
				RB25#13	21.15	19.33	33	PASS
				RB25#25	21.27	19.45	33	PASS
				RB50#0	21.18	19.36	33	PASS
			MCH	RB1#0	22.36	20.54	33	PASS
				RB1#25	22.44	20.62	33	PASS
				RB1#49	22.6	20.78	33	PASS
				RB25#0	21.18	19.36	33	PASS
				RB25#13	21.18	19.36	33	PASS
				RB25#25	21.19	19.37	33	PASS
				RB50#0	21.13	19.31	33	PASS
			HCH	RB1#0	22.42	20.6	33	PASS
				RB1#25	22.32	20.5	33	PASS
				RB1#49	22.51	20.69	33	PASS
				RB25#0	21.16	19.34	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.06	19.24	33	PASS
				RB25#25	21.24	19.42	33	PASS
				RB50#0	21.31	19.49	33	PASS
		15	LCH	RB1#0	22.35	20.53	33	PASS
				RB1#38	22.21	20.39	33	PASS
				RB1#74	22.37	20.55	33	PASS
				RB38#0	21.19	19.37	33	PASS
				RB38#19	21.13	19.31	33	PASS
				RB38#39	21.21	19.39	33	PASS
				RB75#0	21.24	19.42	33	PASS
			MCH	RB1#0	22.45	20.63	33	PASS
				RB1#38	22.39	20.57	33	PASS
				RB1#74	22.47	20.65	33	PASS
				RB38#0	21.14	19.32	33	PASS
				RB38#19	21.24	19.42	33	PASS
				RB38#39	21.27	19.45	33	PASS
				RB75#0	21.19	19.37	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.38	20.56	33	PASS
				RB1#38	22.21	20.39	33	PASS
				RB1#74	22.35	20.53	33	PASS
				RB38#0	21.29	19.47	33	PASS
				RB38#19	21.21	19.39	33	PASS
				RB38#39	21.2	19.38	33	PASS
				RB75#0	21.23	19.41	33	PASS
		20	LCH	RB1#0	22.31	20.49	33	PASS
				RB1#50	22.46	20.64	33	PASS
				RB1#99	22.19	20.37	33	PASS
				RB50#0	21.33	19.51	33	PASS
				RB50#25	21.4	19.58	33	PASS
				RB50#50	21.36	19.54	33	PASS
				RB100#0	21.32	19.5	33	PASS
			MCH	RB1#0	22.34	20.52	33	PASS
				RB1#50	22.65	20.83	33	PASS
				RB1#99	22.32	20.5	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.23	19.41	33	PASS
				RB50#25	21.25	19.43	33	PASS
				RB50#50	21.27	19.45	33	PASS
				RB100#0	21.2	19.38	33	PASS
			HCH	RB1#0	22.42	20.6	33	PASS
				RB1#50	22.4	20.58	33	PASS
				RB1#99	22.02	20.2	33	PASS
				RB50#0	21.36	19.54	33	PASS
				RB50#25	21.3	19.48	33	PASS
				RB50#50	21.25	19.43	33	PASS
				RB100#0	21.23	19.41	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.93	20.11	33	PASS
				RB1#3	21.9	20.08	33	PASS
				RB1#5	21.91	20.09	33	PASS
				RB3#0	21.14	19.32	33	PASS
				RB3#2	21.09	19.27	33	PASS
				RB3#3	21.07	19.25	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.1	18.28	33	PASS
			MCH	RB1#0	21.62	19.8	33	PASS
				RB1#3	21.68	19.86	33	PASS
				RB1#5	21.66	19.84	33	PASS
				RB3#0	21.54	19.72	33	PASS
				RB3#2	21.58	19.76	33	PASS
				RB3#3	21.64	19.82	33	PASS
				RB6#0	20.3	18.48	33	PASS
			HCH	RB1#0	21.7	19.88	33	PASS
				RB1#3	21.66	19.84	33	PASS
				RB1#5	21.62	19.8	33	PASS
				RB3#0	21.64	19.82	33	PASS
				RB3#2	21.67	19.85	33	PASS
				RB3#3	21.91	20.09	33	PASS
				RB6#0	20.48	18.66	33	PASS
		3	LCH	RB1#0	21.25	19.43	33	PASS
				RB1#7	21.45	19.63	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.35	19.53	33	PASS
				RB8#0	19.94	18.12	33	PASS
				RB8#4	19.91	18.09	33	PASS
				RB8#7	19.96	18.14	33	PASS
				RB15#0	20.04	18.22	33	PASS
			MCH	RB1#0	21.26	19.44	33	PASS
				RB1#7	21.18	19.36	33	PASS
				RB1#14	21.24	19.42	33	PASS
				RB8#0	20.15	18.33	33	PASS
				RB8#4	20.17	18.35	33	PASS
				RB8#7	20.05	18.23	33	PASS
				RB15#0	20.11	18.29	33	PASS
			HCH	RB1#0	21.49	19.67	33	PASS
				RB1#7	21.2	19.38	33	PASS
				RB1#14	21.25	19.43	33	PASS
				RB8#0	20.62	18.8	33	PASS
				RB8#4	20.49	18.67	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.52	18.7	33	PASS
				RB15#0	20.47	18.65	33	PASS
		5	LCH	RB1#0	20.91	19.09	33	PASS
				RB1#13	20.87	19.05	33	PASS
				RB1#24	20.9	19.08	33	PASS
				RB12#0	19.88	18.06	33	PASS
				RB12#6	19.79	17.97	33	PASS
				RB12#13	19.83	18.01	33	PASS
				RB25#0	20.09	18.27	33	PASS
			MCH	RB1#0	21.21	19.39	33	PASS
				RB1#13	20.94	19.12	33	PASS
				RB1#24	21.19	19.37	33	PASS
				RB12#0	19.82	18	33	PASS
				RB12#6	19.79	17.97	33	PASS
				RB12#13	19.88	18.06	33	PASS
				RB25#0	20.21	18.39	33	PASS
			HCH	RB1#0	21.12	19.3	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	21	19.18	33	PASS
				RB1#24	20.85	19.03	33	PASS
				RB12#0	20.61	18.79	33	PASS
				RB12#6	20.37	18.55	33	PASS
				RB12#13	19.98	18.16	33	PASS
				RB25#0	20.25	18.43	33	PASS
		10	LCH	RB1#0	21.45	19.63	33	PASS
				RB1#25	21.43	19.61	33	PASS
				RB1#49	21.46	19.64	33	PASS
				RB25#0	20.02	18.2	33	PASS
				RB25#13	19.95	18.13	33	PASS
				RB25#25	20.07	18.25	33	PASS
				RB50#0	20.18	18.36	33	PASS
			MCH	RB1#0	21.3	19.48	33	PASS
				RB1#25	21.54	19.72	33	PASS
				RB1#49	21.44	19.62	33	PASS
				RB25#0	20.07	18.25	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.12	18.3	33	PASS
				RB25#25	20.37	18.55	33	PASS
				RB50#0	20.23	18.41	33	PASS
			HCH	RB1#0	21.55	19.73	33	PASS
				RB1#25	21.42	19.6	33	PASS
				RB1#49	21.52	19.7	33	PASS
				RB25#0	20.15	18.33	33	PASS
				RB25#13	19.96	18.14	33	PASS
				RB25#25	20.19	18.37	33	PASS
				RB50#0	20.27	18.45	33	PASS
		15	LCH	RB1#0	21.45	19.63	33	PASS
				RB1#38	21.31	19.49	33	PASS
				RB1#74	21.5	19.68	33	PASS
				RB38#0	20.23	18.41	33	PASS
				RB38#19	20.18	18.36	33	PASS
				RB38#39	20.38	18.56	33	PASS
				RB75#0	20.27	18.45	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.64	19.82	33	PASS
				RB1#38	21.32	19.5	33	PASS
				RB1#74	21.5	19.68	33	PASS
				RB38#0	20.19	18.37	33	PASS
				RB38#19	20.29	18.47	33	PASS
				RB38#39	20.31	18.49	33	PASS
				RB75#0	20.31	18.49	33	PASS
			HCH	RB1#0	21.48	19.66	33	PASS
				RB1#38	21.35	19.53	33	PASS
				RB1#74	21.57	19.75	33	PASS
				RB38#0	20.35	18.53	33	PASS
				RB38#19	20.28	18.46	33	PASS
				RB38#39	20.29	18.47	33	PASS
				RB75#0	20.3	18.48	33	PASS
		20	LCH	RB1#0	21.4	19.58	33	PASS
				RB1#50	21.72	19.9	33	PASS
				RB1#99	21.47	19.65	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.35	18.53	33	PASS
				RB50#25	20.42	18.6	33	PASS
				RB50#50	20.45	18.63	33	PASS
				RB100#0	20.36	18.54	33	PASS
			MCH	RB1#0	21.57	19.75	33	PASS
				RB1#50	22	20.18	33	PASS
				RB1#99	21.85	20.03	33	PASS
				RB50#0	20.27	18.45	33	PASS
				RB50#25	20.39	18.57	33	PASS
				RB50#50	20.42	18.6	33	PASS
				RB100#0	20.25	18.43	33	PASS
			HCH	RB1#0	21.47	19.65	33	PASS
				RB1#50	21.96	20.14	33	PASS
				RB1#99	21.47	19.65	33	PASS
				RB50#0	20.53	18.71	33	PASS
				RB50#25	20.43	18.61	33	PASS
				RB50#50	20.4	18.58	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	20.31	18.49	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

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	3.25	13	PASS
				RB1#3	3.14	13	PASS
				RB1#5	3.33	13	PASS
				RB3#0	3.69	13	PASS
				RB3#2	3.58	13	PASS
				RB3#3	3.72	13	PASS
				RB6#0	5.11	13	PASS
			MCH	RB1#0	3.44	13	PASS
				RB1#3	3.29	13	PASS
				RB1#5	3.48	13	PASS
				RB3#0	3.88	13	PASS
				RB3#2	3.78	13	PASS
				RB3#3	3.87	13	PASS
				RB6#0	5.61	13	PASS
			HCH	RB1#0	3.24	13	PASS
				RB1#3	3.26	13	PASS
				RB1#5	3.54	13	PASS
				RB3#0	3.85	13	PASS
				RB3#2	3.69	13	PASS
				RB3#3	3.87	13	PASS
				RB6#0	5.36	13	PASS
		3	LCH	RB1#0	3.2	13	PASS
				RB1#7	3.15	13	PASS
				RB1#14	3.23	13	PASS
				RB8#0	4.68	13	PASS
				RB8#4	4.7	13	PASS
				RB8#7	4.83	13	PASS
				RB15#0	5.04	13	PASS
			MCH	RB1#0	3.42	13	PASS
				RB1#7	3.33	13	PASS
				RB1#14	3.4	13	PASS
				RB8#0	4.86	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	4.76	13	PASS
				RB8#7	4.79	13	PASS
				RB15#0	5.08	13	PASS
			HCH	RB1#0	3.21	13	PASS
				RB1#7	3.12	13	PASS
				RB1#14	3.44	13	PASS
				RB8#0	4.91	13	PASS
				RB8#4	4.85	13	PASS
				RB8#7	4.96	13	PASS
				RB15#0	5.22	13	PASS
		5	LCH	RB1#0	3.16	13	PASS
				RB1#13	3.07	13	PASS
				RB1#24	3.18	13	PASS
				RB12#0	4.55	13	PASS
				RB12#6	4.5	13	PASS
				RB12#13	4.63	13	PASS
				RB25#0	5.06	13	PASS
			MCH	RB1#0	3.3	13	PASS
				RB1#13	3.22	13	PASS
				RB1#24	3.27	13	PASS
				RB12#0	4.8	13	PASS
				RB12#6	4.72	13	PASS
				RB12#13	4.79	13	PASS
				RB25#0	5.17	13	PASS
			HCH	RB1#0	3.13	13	PASS
				RB1#13	3.11	13	PASS
				RB1#24	3.34	13	PASS
				RB12#0	4.79	13	PASS
				RB12#6	4.64	13	PASS
				RB12#13	4.71	13	PASS
				RB25#0	5.2	13	PASS
		10	LCH	RB1#0	3.21	13	PASS
				RB1#25	3.18	13	PASS
				RB1#49	3.29	13	PASS
				RB25#0	4.57	13	PASS
				RB25#13	4.59	13	PASS
				RB25#25	4.74	13	PASS
				RB50#0	5.02	13	PASS
			MCH	RB1#0	3.37	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	3.31	13	PASS
				RB1#49	3.29	13	PASS
				RB25#0	4.78	13	PASS
				RB25#13	4.77	13	PASS
				RB25#25	4.82	13	PASS
				RB50#0	5.93	13	PASS
			HCH	RB1#0	3.19	13	PASS
				RB1#25	3.19	13	PASS
				RB1#49	3.34	13	PASS
				RB25#0	4.86	13	PASS
				RB25#13	4.78	13	PASS
				RB25#25	4.78	13	PASS
				RB50#0	5.87	13	PASS
		15	LCH	RB1#0	3.13	13	PASS
				RB1#38	3.25	13	PASS
				RB1#74	3.32	13	PASS
				RB38#0	4.66	13	PASS
				RB38#19	4.68	13	PASS
				RB38#39	4.81	13	PASS
				RB75#0	5.48	13	PASS
			MCH	RB1#0	3.27	13	PASS
				RB1#38	3.29	13	PASS
				RB1#74	3.26	13	PASS
				RB38#0	4.83	13	PASS
				RB38#19	4.81	13	PASS
				RB38#39	4.81	13	PASS
				RB75#0	5.7	13	PASS
			HCH	RB1#0	3.17	13	PASS
				RB1#38	3.13	13	PASS
				RB1#74	3.37	13	PASS
				RB38#0	4.88	13	PASS
				RB38#19	4.89	13	PASS
				RB38#39	4.84	13	PASS
				RB75#0	5.62	13	PASS
		20	LCH	RB1#0	3.19	13	PASS
				RB1#50	3.26	13	PASS
				RB1#99	3.38	13	PASS
				RB50#0	4.62	13	PASS
				RB50#25	4.68	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#50	4.83	13	PASS
				RB100#0	5.16	13	PASS
			MCH	RB1#0	3.33	13	PASS
				RB1#50	3.34	13	PASS
				RB1#99	3.36	13	PASS
				RB50#0	4.86	13	PASS
				RB50#25	4.82	13	PASS
				RB50#50	4.79	13	PASS
				RB100#0	5.6	13	PASS
			HCH	RB1#0	3.3	13	PASS
				RB1#50	3.05	13	PASS
				RB1#99	3.37	13	PASS
				RB50#0	4.98	13	PASS
				RB50#25	4.89	13	PASS
				RB50#50	4.91	13	PASS
				RB100#0	5.56	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	3.86	13	PASS
				RB1#3	3.73	13	PASS
				RB1#5	4	13	PASS
				RB3#0	4.3	13	PASS
				RB3#2	4.22	13	PASS
				RB3#3	4.34	13	PASS
				RB6#0	5.51	13	PASS
			MCH	RB1#0	4.22	13	PASS
				RB1#3	4.04	13	PASS
				RB1#5	4.18	13	PASS
				RB3#0	4.57	13	PASS
				RB3#2	4.44	13	PASS
				RB3#3	4.59	13	PASS
				RB6#0	5.91	13	PASS
			HCH	RB1#0	4.31	13	PASS
				RB1#3	4.14	13	PASS
				RB1#5	4.36	13	PASS
				RB3#0	4.69	13	PASS
				RB3#2	4.41	13	PASS
				RB3#3	4.7	13	PASS
				RB6#0	5.83	13	PASS
		3	LCH	RB1#0	3.94	13	PASS
				RB1#7	3.82	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.06	13	PASS
				RB8#0	5.5	13	PASS
				RB8#4	5.5	13	PASS
				RB8#7	5.54	13	PASS
				RB15#0	6.15	13	PASS
			MCH	RB1#0	4.2	13	PASS
				RB1#7	4.04	13	PASS
				RB1#14	4.21	13	PASS
				RB8#0	5.69	13	PASS
				RB8#4	5.63	13	PASS
				RB8#7	5.64	13	PASS
				RB15#0	6.28	13	PASS
			HCH	RB1#0	3.98	13	PASS
				RB1#7	4.01	13	PASS
				RB1#14	4.18	13	PASS
				RB8#0	5.57	13	PASS
				RB8#4	5.54	13	PASS
				RB8#7	5.59	13	PASS
				RB15#0	6.23	13	PASS
		5	LCH	RB1#0	4.17	13	PASS
				RB1#13	4.15	13	PASS
				RB1#24	4.32	13	PASS
				RB12#0	5.54	13	PASS
				RB12#6	5.44	13	PASS
				RB12#13	5.57	13	PASS
				RB25#0	6.05	13	PASS
			MCH	RB1#0	4.37	13	PASS
				RB1#13	4.3	13	PASS
				RB1#24	4.35	13	PASS
				RB12#0	5.74	13	PASS
				RB12#6	5.61	13	PASS
				RB12#13	5.65	13	PASS
				RB25#0	6.23	13	PASS
			HCH	RB1#0	4.23	13	PASS
				RB1#13	4.13	13	PASS
				RB1#24	4.31	13	PASS
				RB12#0	5.65	13	PASS
				RB12#6	5.59	13	PASS
				RB12#13	5.67	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB25#0	6.07	13	PASS
				RB1#0	4.18	13	PASS
			LCH	RB1#25	4.17	13	PASS
				RB1#49	4.25	13	PASS
				RB25#0	5.56	13	PASS
				RB25#13	5.56	13	PASS
				RB25#25	5.76	13	PASS
				RB50#0	6.58	13	PASS
			MCH	RB1#0	4.45	13	PASS
				RB1#25	4.22	13	PASS
				RB1#49	4.25	13	PASS
				RB25#0	5.82	13	PASS
				RB25#13	5.66	13	PASS
				RB25#25	5.77	13	PASS
				RB50#0	6.8	13	PASS
			HCH	RB1#0	4.23	13	PASS
				RB1#25	4.04	13	PASS
				RB1#49	4.45	13	PASS
				RB25#0	5.93	13	PASS
				RB25#13	5.78	13	PASS
				RB25#25	5.75	13	PASS
				RB50#0	6.43	13	PASS
		15	LCH	RB1#0	4.26	13	PASS
				RB1#38	4.43	13	PASS
				RB1#74	4.46	13	PASS
				RB38#0	5.55	13	PASS
				RB38#19	5.63	13	PASS
				RB38#39	5.79	13	PASS
				RB75#0	6.26	13	PASS
			MCH	RB1#0	4.45	13	PASS
				RB1#38	4.33	13	PASS
				RB1#74	4.28	13	PASS
				RB38#0	5.81	13	PASS
				RB38#19	5.82	13	PASS
				RB38#39	5.82	13	PASS
				RB75#0	6.45	13	PASS
			HCH	RB1#0	4.22	13	PASS
				RB1#38	4.15	13	PASS
				RB1#74	4.46	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#0	5.88	13	PASS
				RB38#19	5.85	13	PASS
				RB38#39	5.79	13	PASS
				RB75#0	6.45	13	PASS
		20	LCH	RB1#0	3.66	13	PASS
				RB1#50	3.76	13	PASS
				RB1#99	3.97	13	PASS
				RB50#0	5.6	13	PASS
				RB50#25	5.66	13	PASS
				RB50#50	5.81	13	PASS
				RB100#0	6.15	13	PASS
			MCH	RB1#0	3.94	13	PASS
				RB1#50	3.86	13	PASS
				RB1#99	3.96	13	PASS
				RB50#0	5.83	13	PASS
				RB50#25	5.65	13	PASS
				RB50#50	5.69	13	PASS
				RB100#0	6.62	13	PASS
			HCH	RB1#0	3.87	13	PASS
				RB1#50	3.67	13	PASS
				RB1#99	3.96	13	PASS
				RB50#0	5.99	13	PASS
				RB50#25	5.8	13	PASS
				RB50#50	5.84	13	PASS
				RB100#0	6.62	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

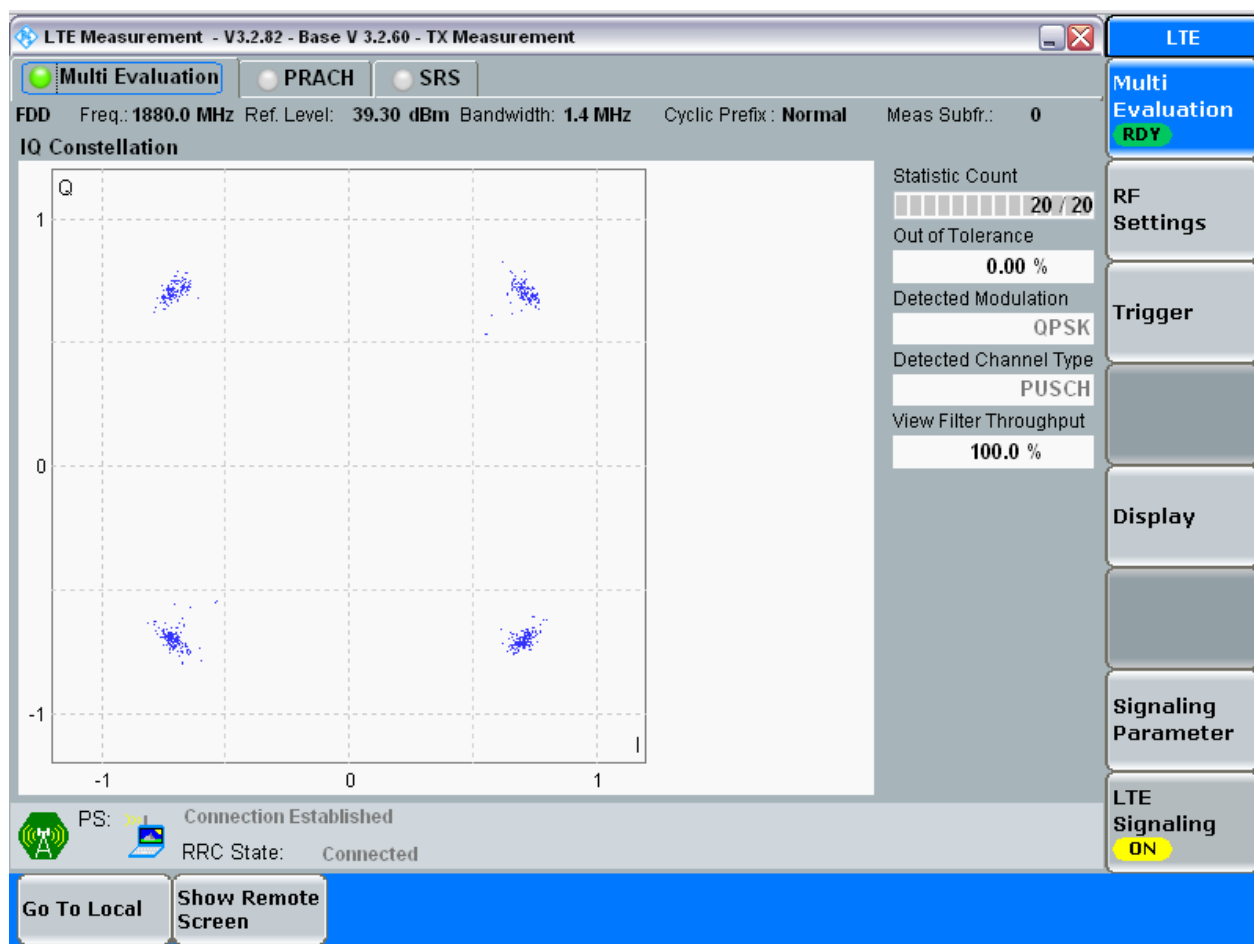
3.1.1 Test Band = BAND2

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

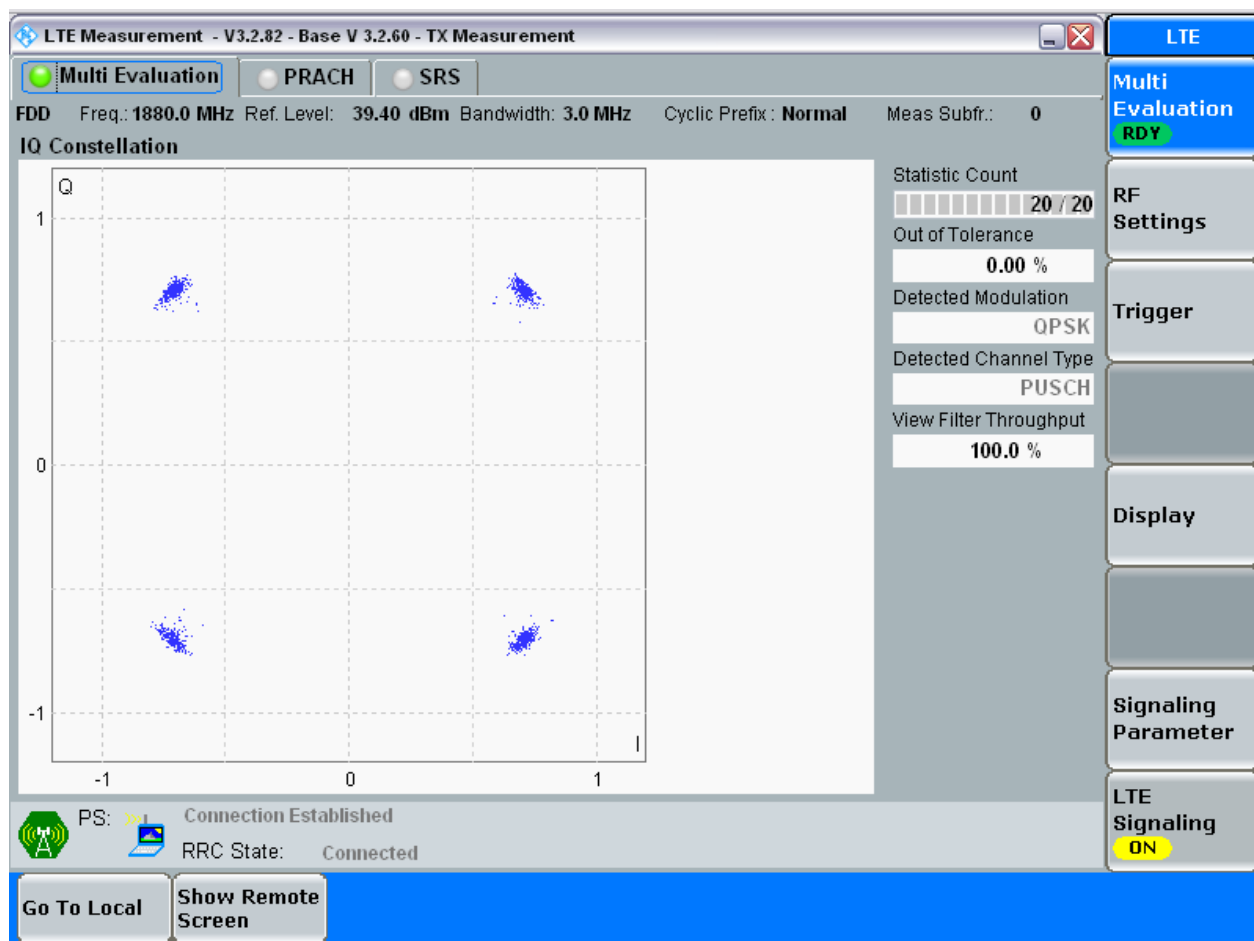
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

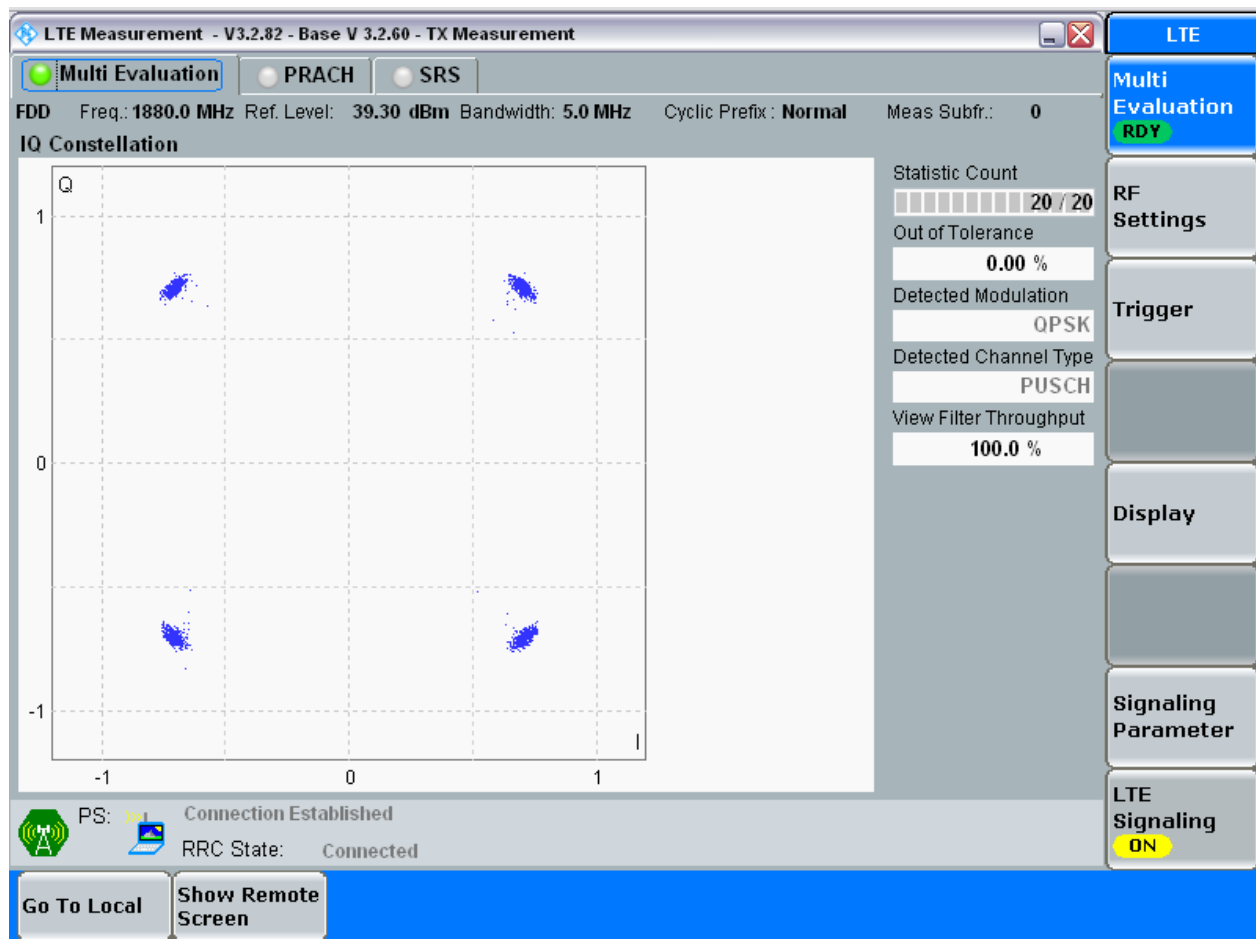
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

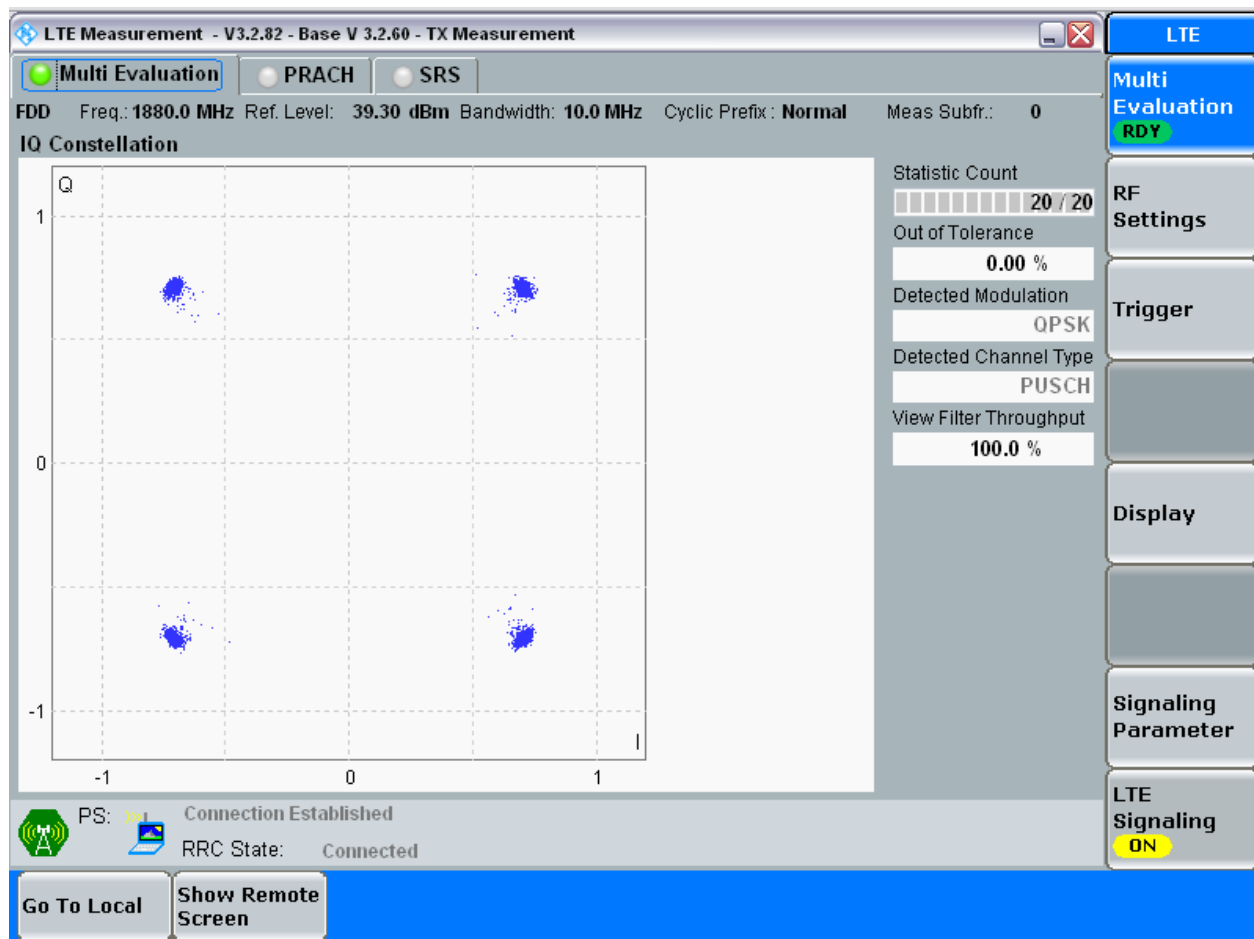
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

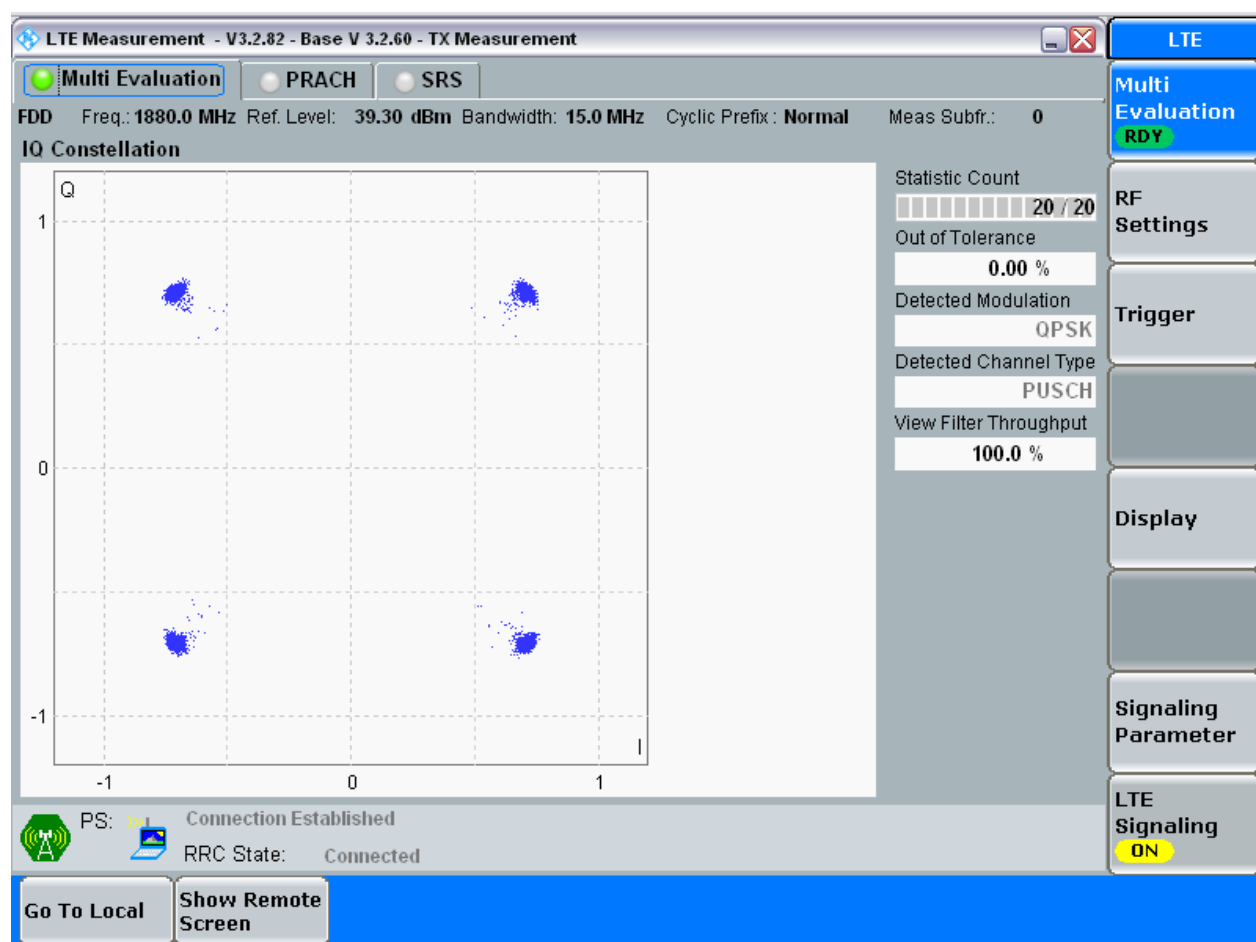
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

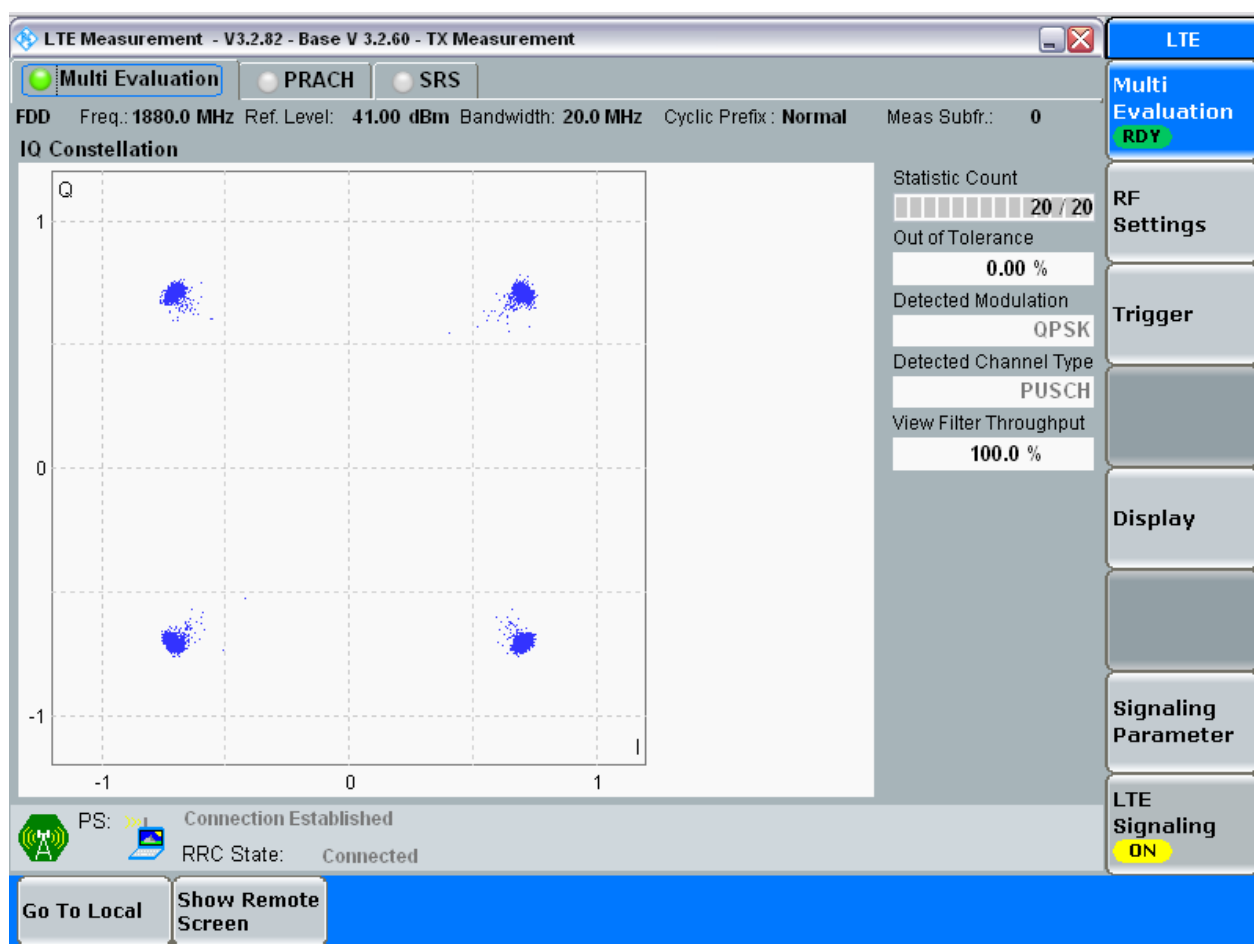
3.1.1.1.5.1.1 Test RB = RB75#0



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

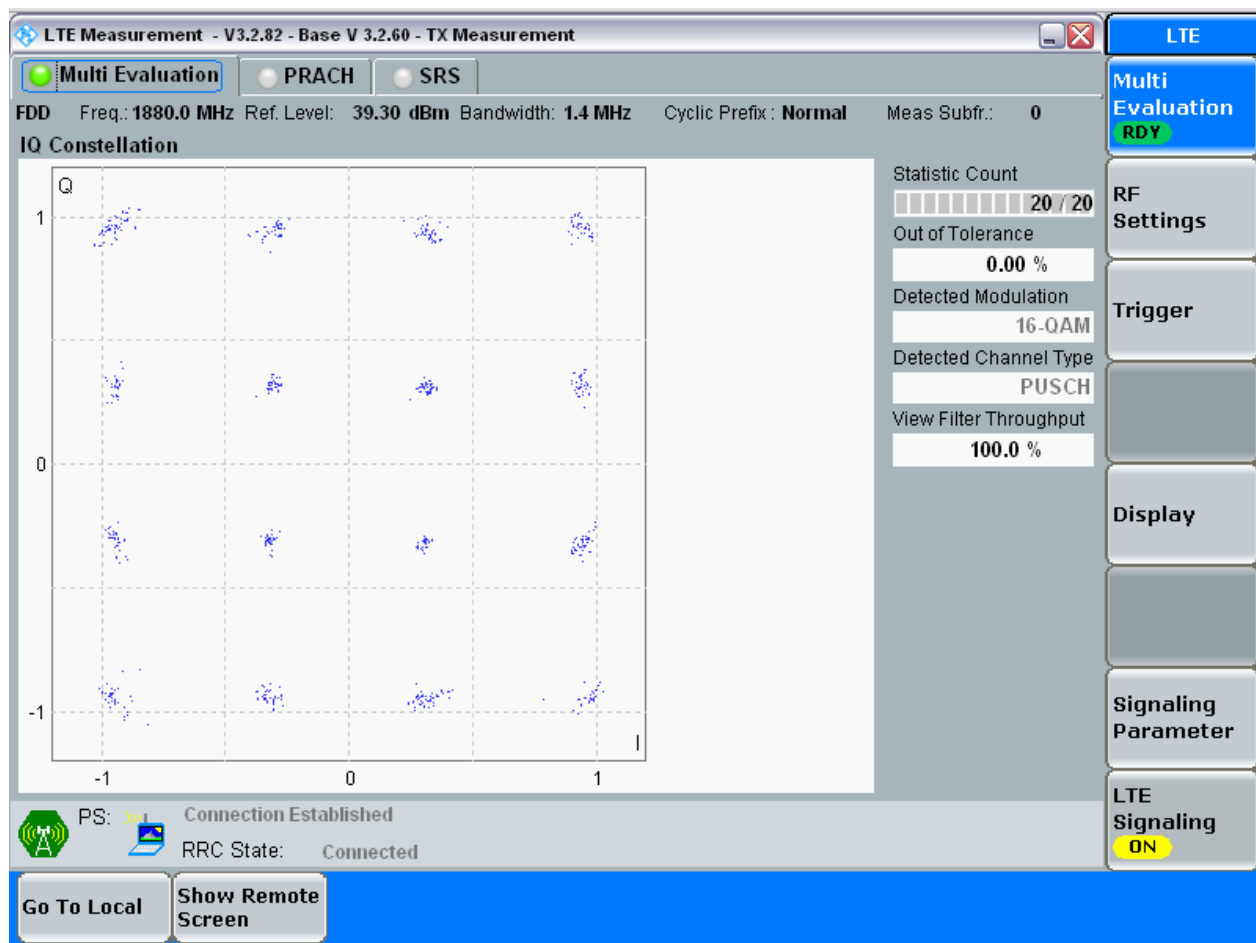


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

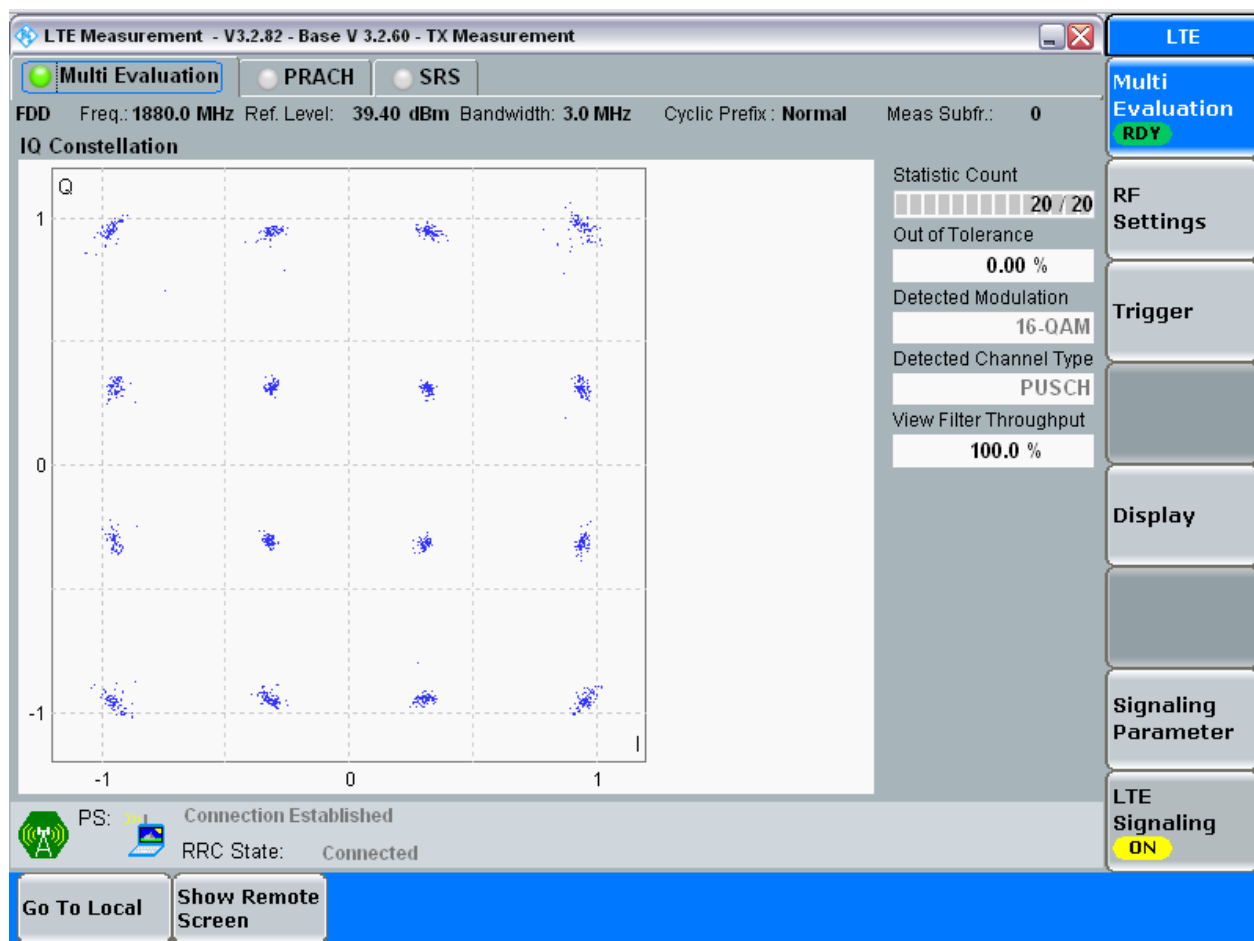
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

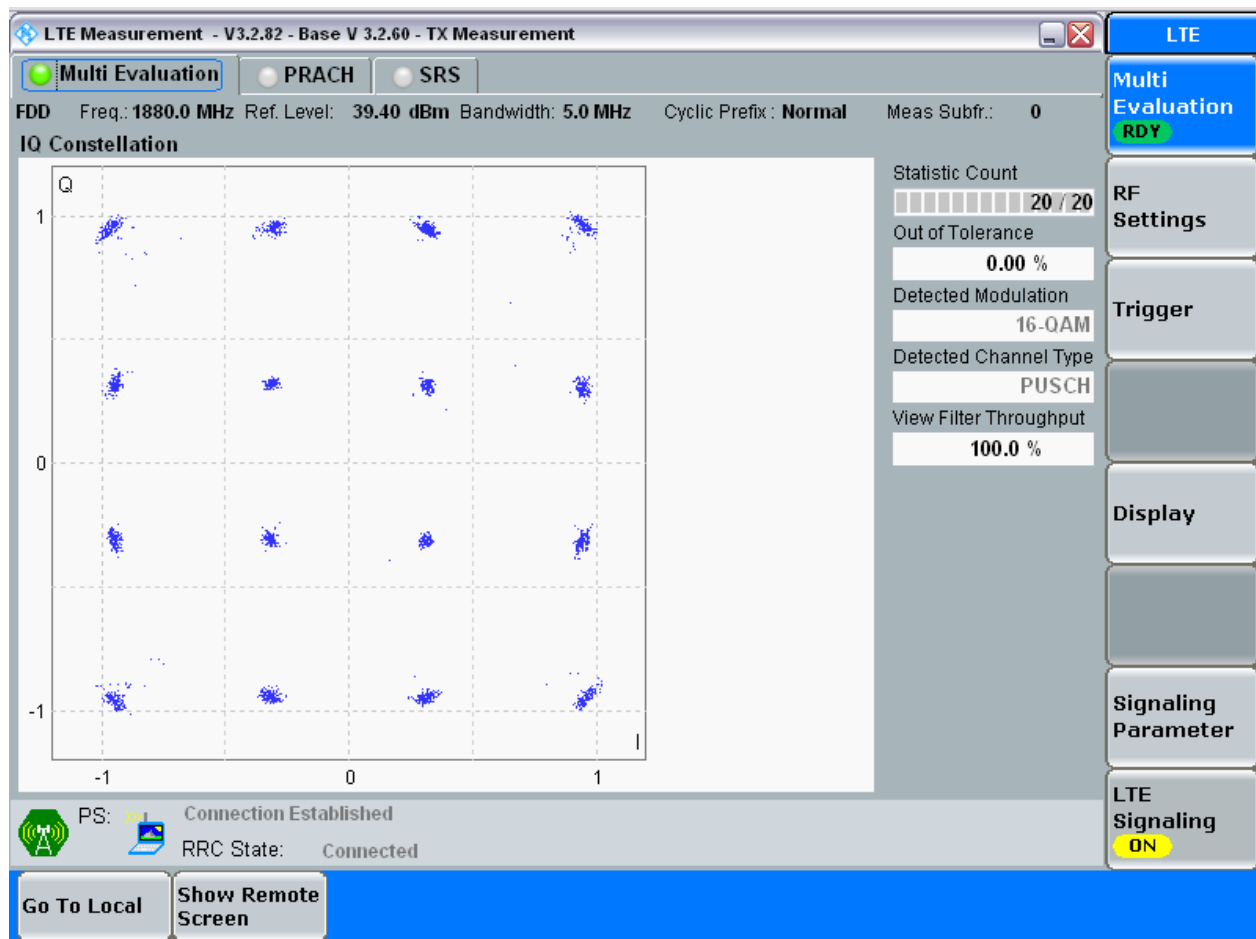
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

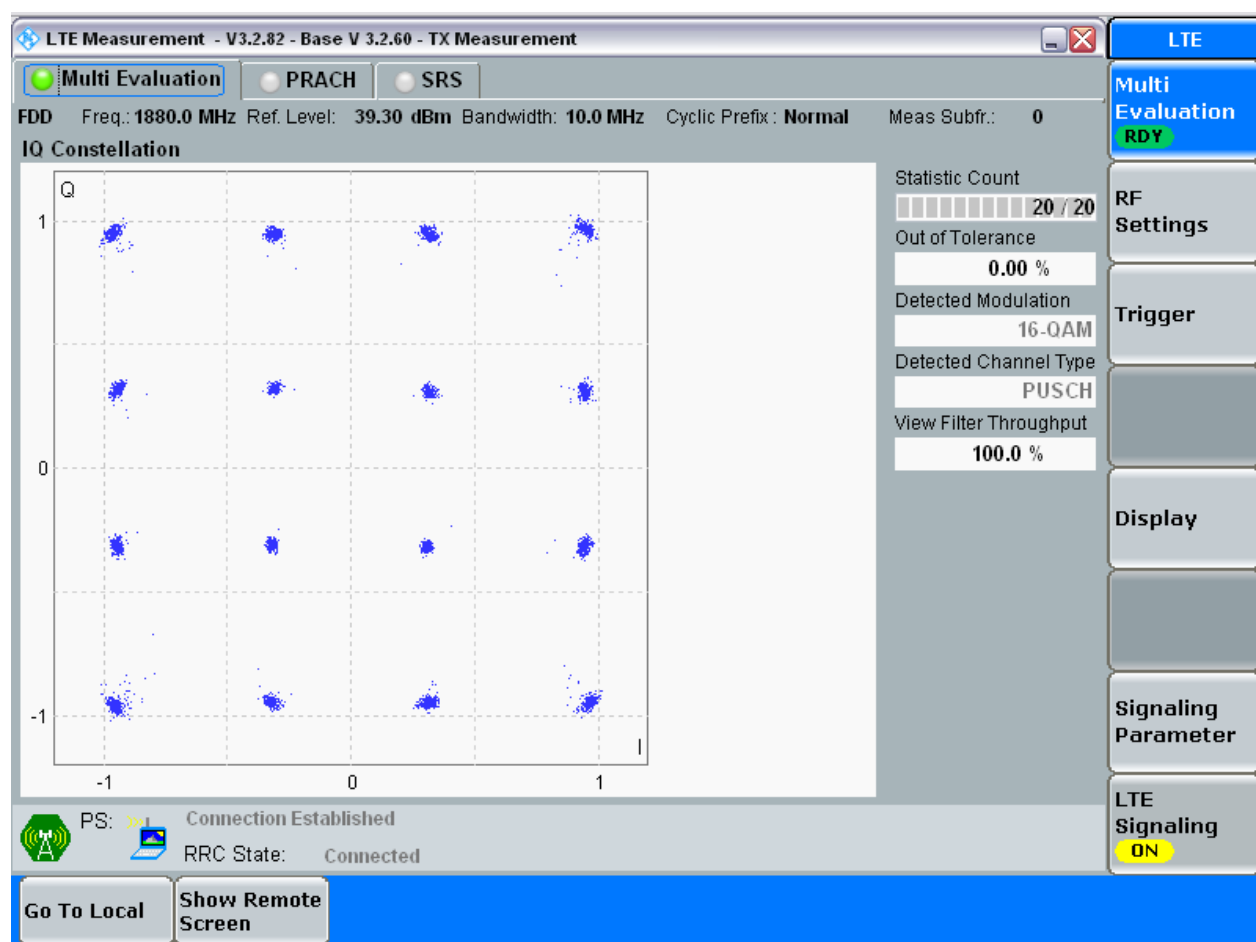
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

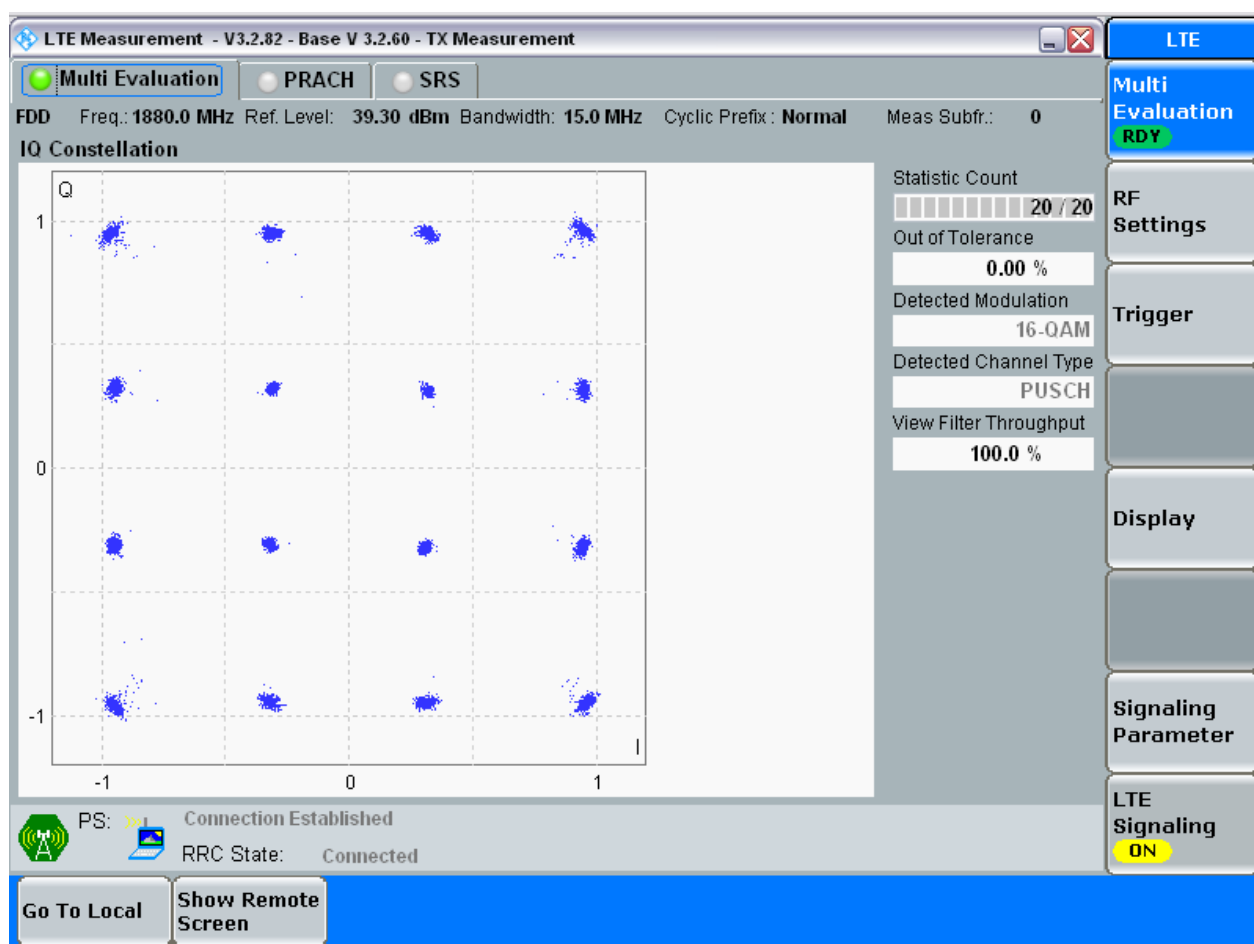
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

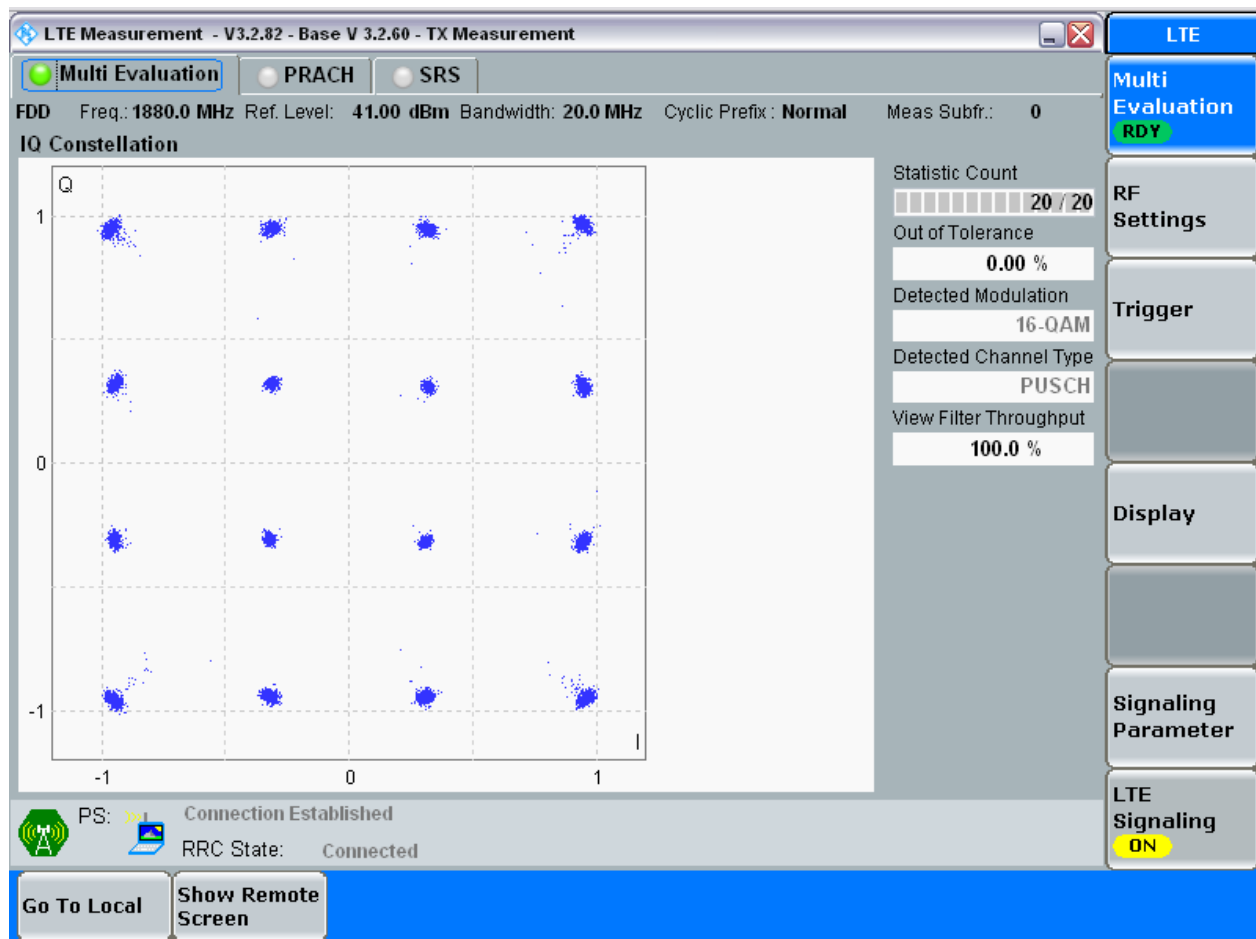
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.08	1.26	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.09	1.32	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.71	2.94	Pass
		5	LCH	RB25#0	4.51	4.90	Pass
			MCH	RB25#0	4.51	4.92	Pass
			HCH	RB25#0	4.51	4.91	Pass
		10	LCH	RB50#0	9.00	9.64	Pass
			MCH	RB50#0	9.00	9.64	Pass
			HCH	RB50#0	9.00	9.62	Pass
		15	LCH	RB75#0	13.49	14.32	Pass
			MCH	RB75#0	13.48	14.37	Pass
			HCH	RB75#0	13.46	14.33	Pass
		20	LCH	RB100#0	17.94	19.02	Pass
			MCH	RB100#0	17.95	18.97	Pass
			HCH	RB100#0	17.90	18.95	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.28	Pass
			MCH	RB6#0	1.09	1.29	Pass
			HCH	RB6#0	1.10	1.32	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.51	4.90	Pass
			MCH	RB25#0	4.51	4.89	Pass
			HCH	RB25#0	4.51	4.89	Pass
		10	LCH	RB50#0	9.00	9.63	Pass
			MCH	RB50#0	9.00	9.61	Pass
			HCH	RB50#0	8.99	9.63	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.48	14.28	Pass
			MCH	RB75#0	13.48	14.29	Pass
			HCH	RB75#0	13.46	14.26	Pass
		20	LCH	RB100#0	17.95	19.01	Pass
			MCH	RB100#0	17.94	19.00	Pass
			HCH	RB100#0	17.91	18.97	Pass

Part II - Test Plots

4.1 For LTE

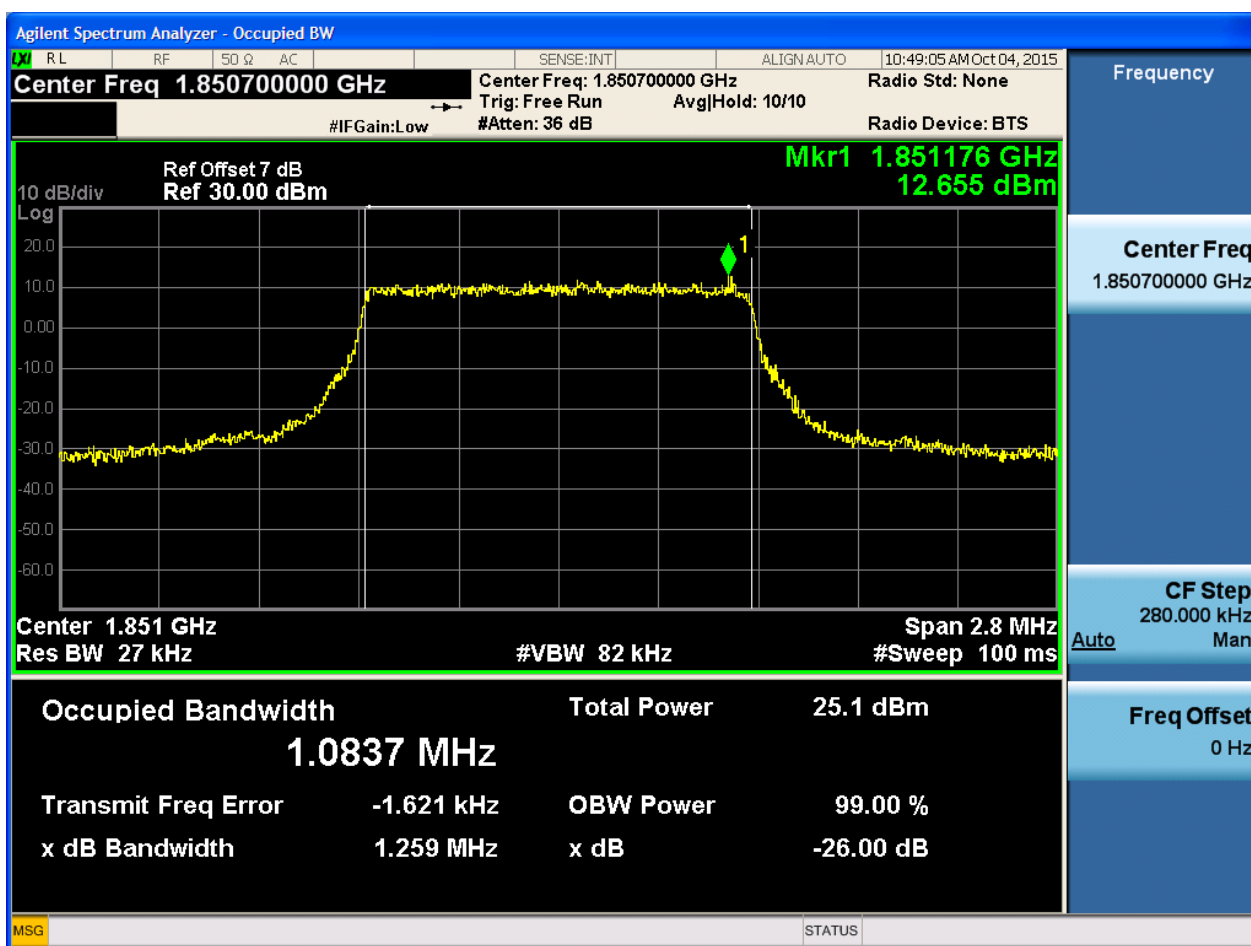
4.1.1 Test Band = BAND2

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

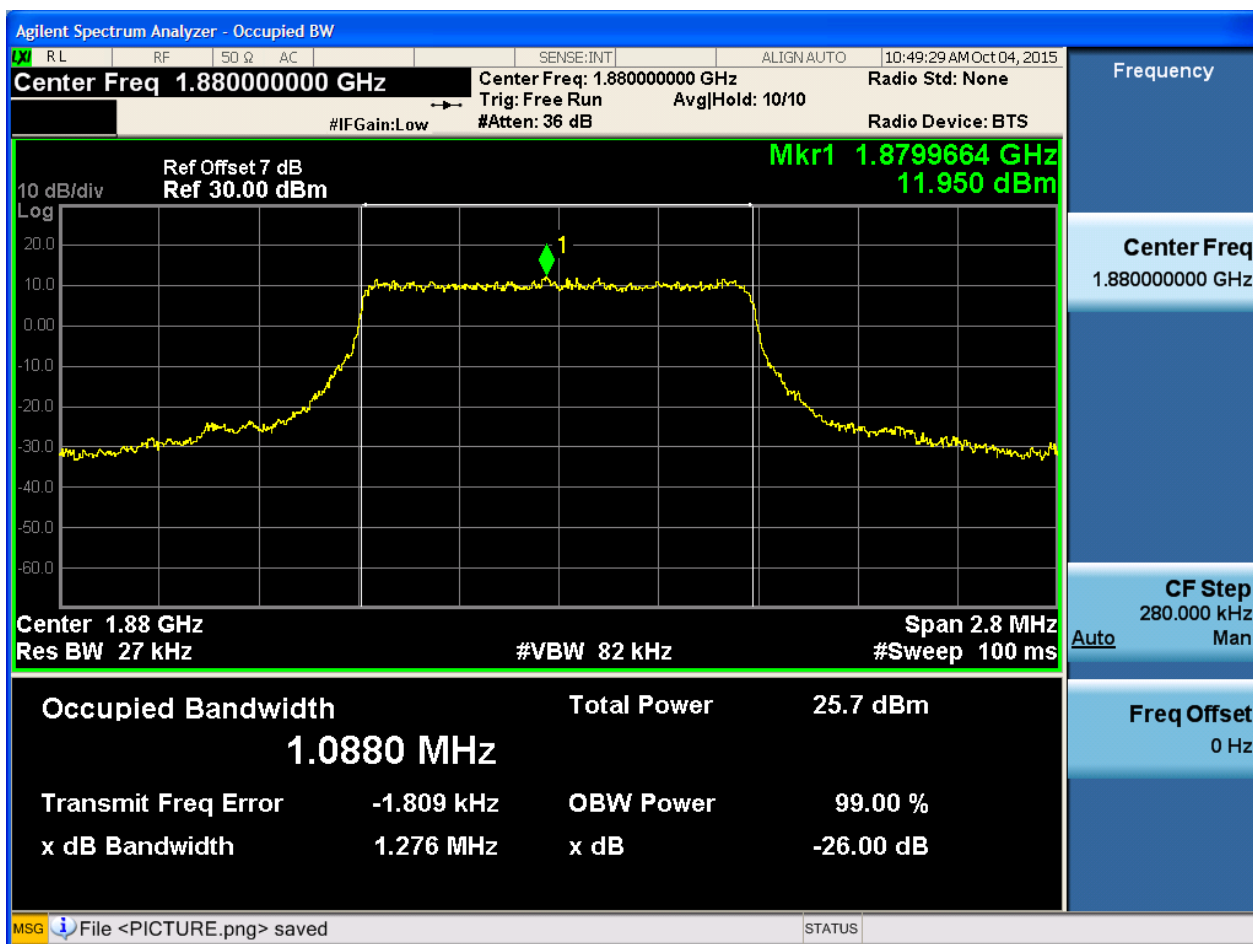
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

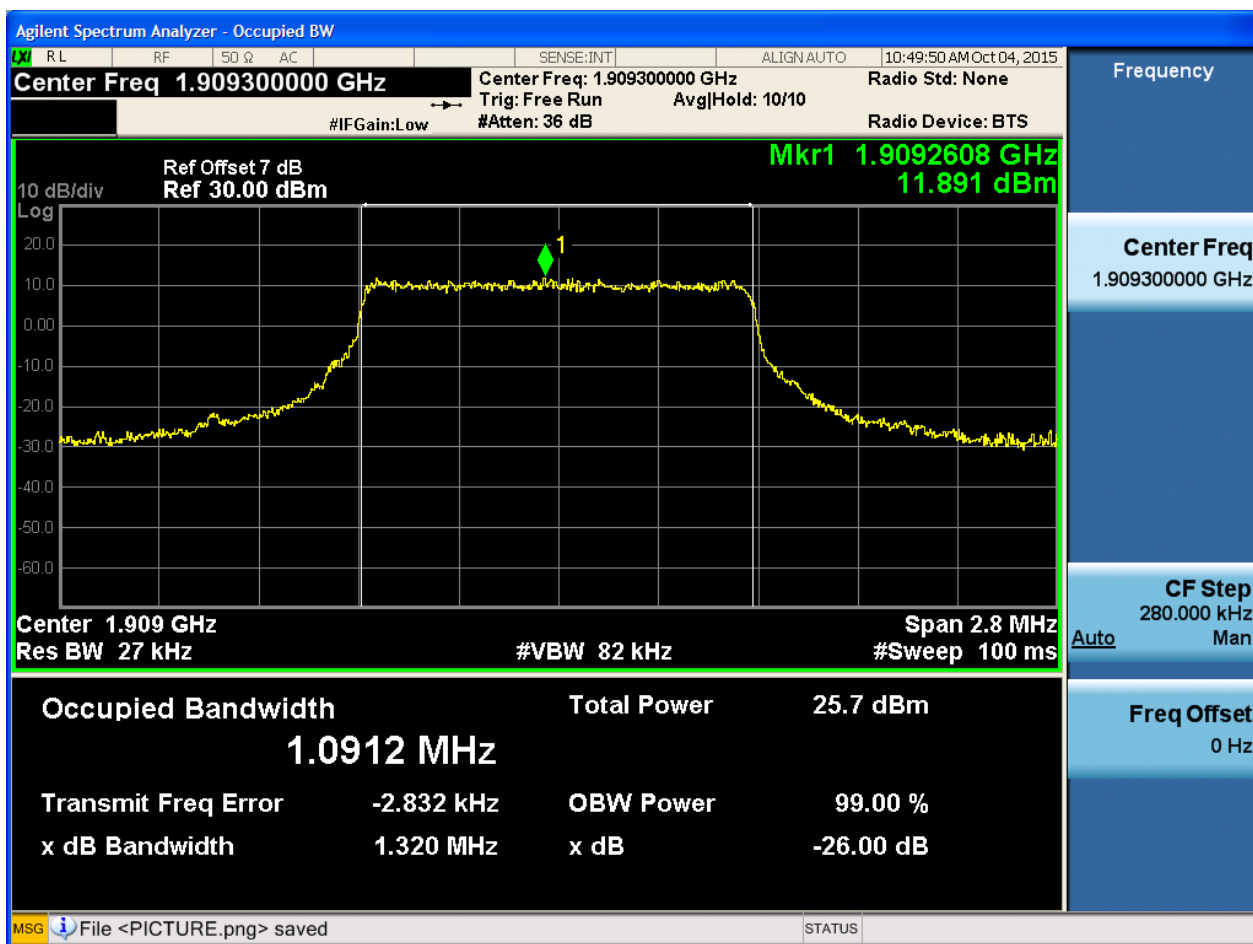
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

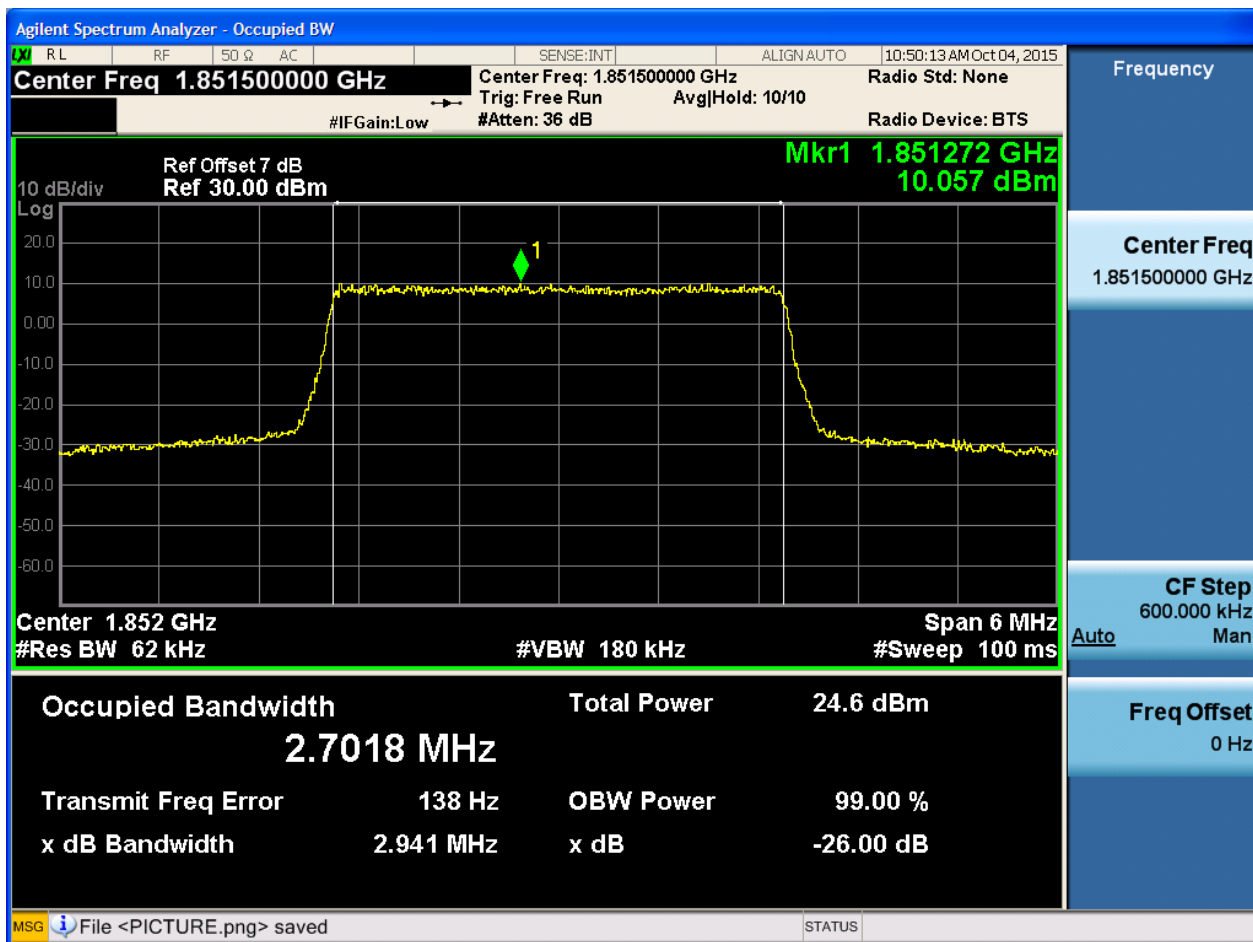




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

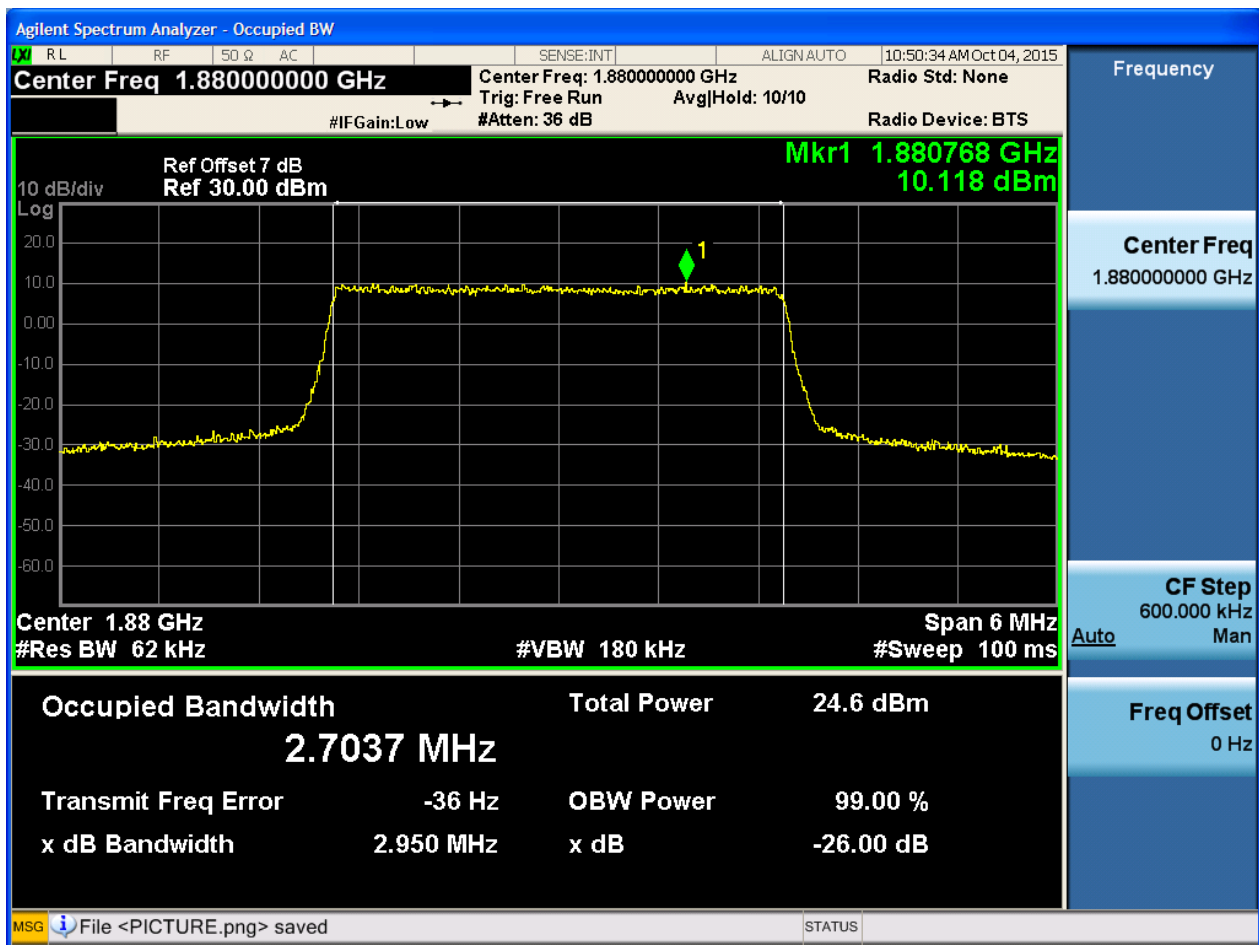
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

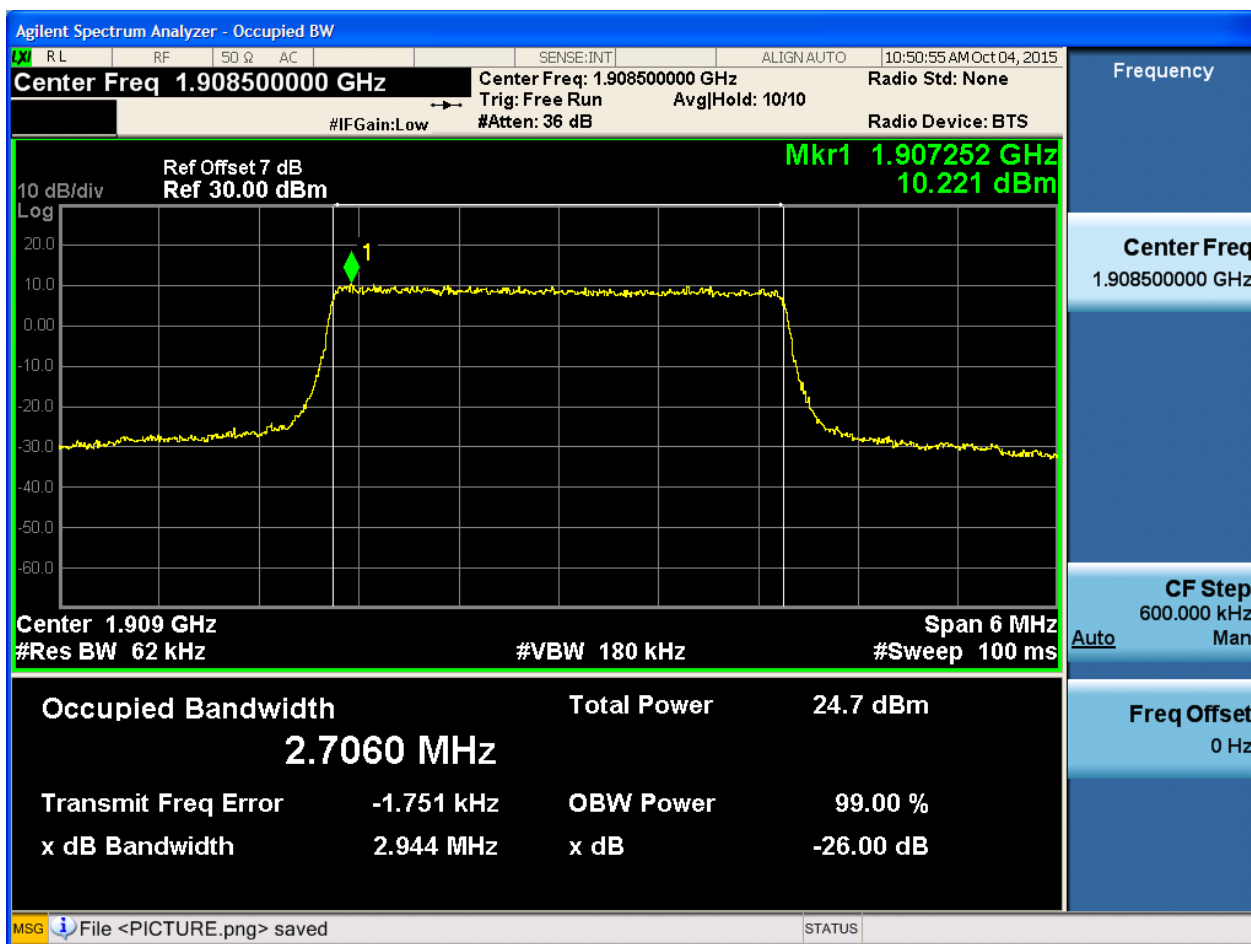
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

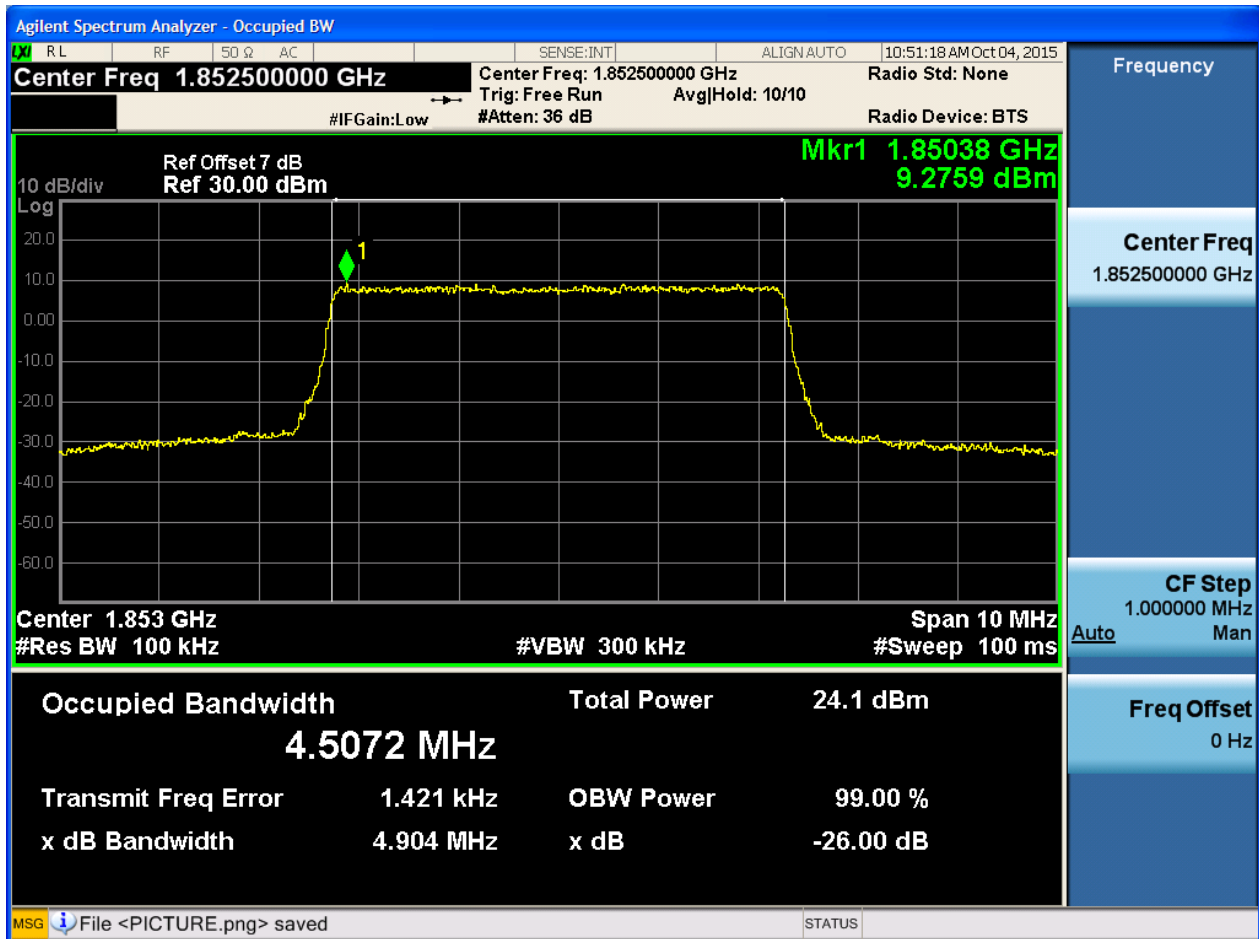




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

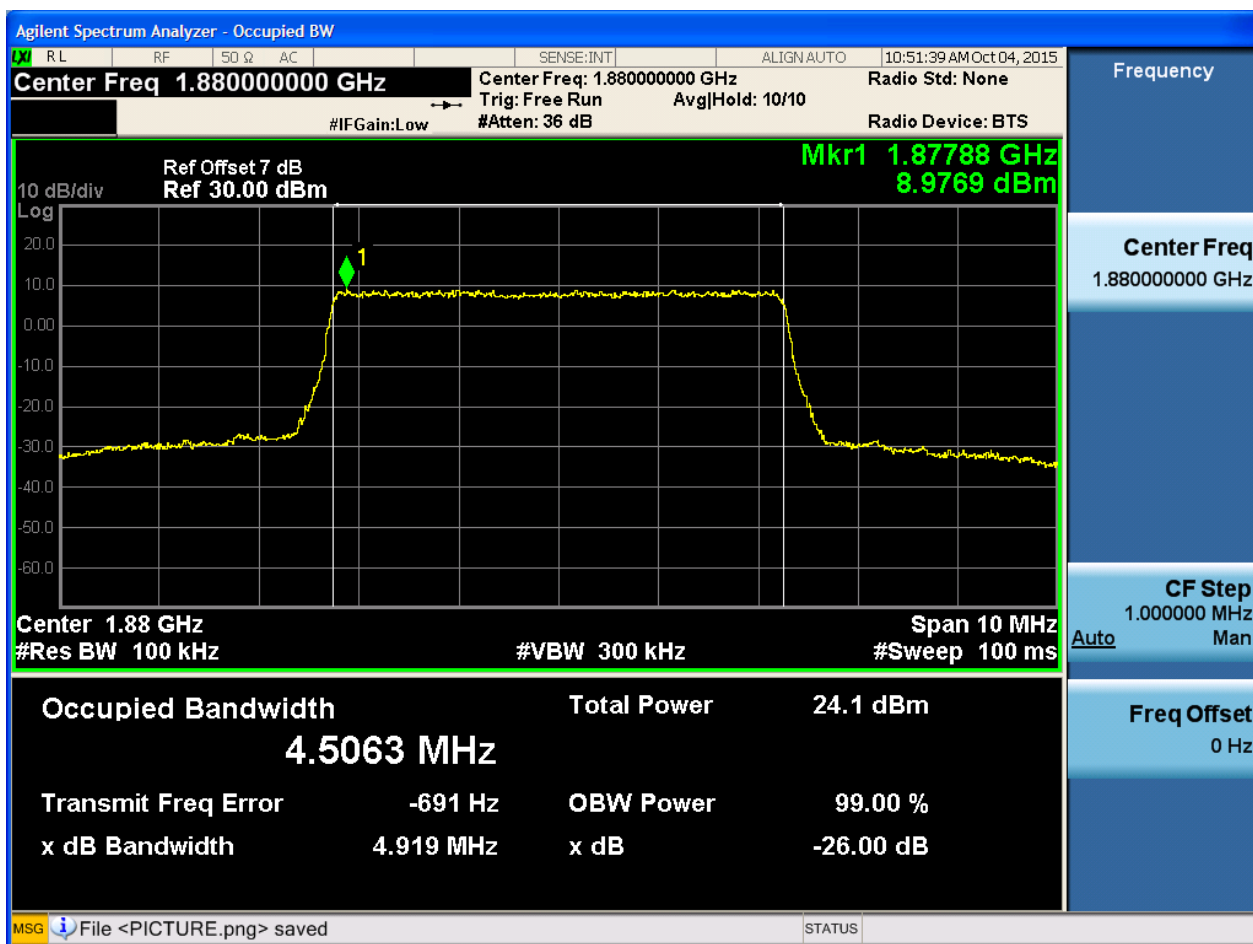
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

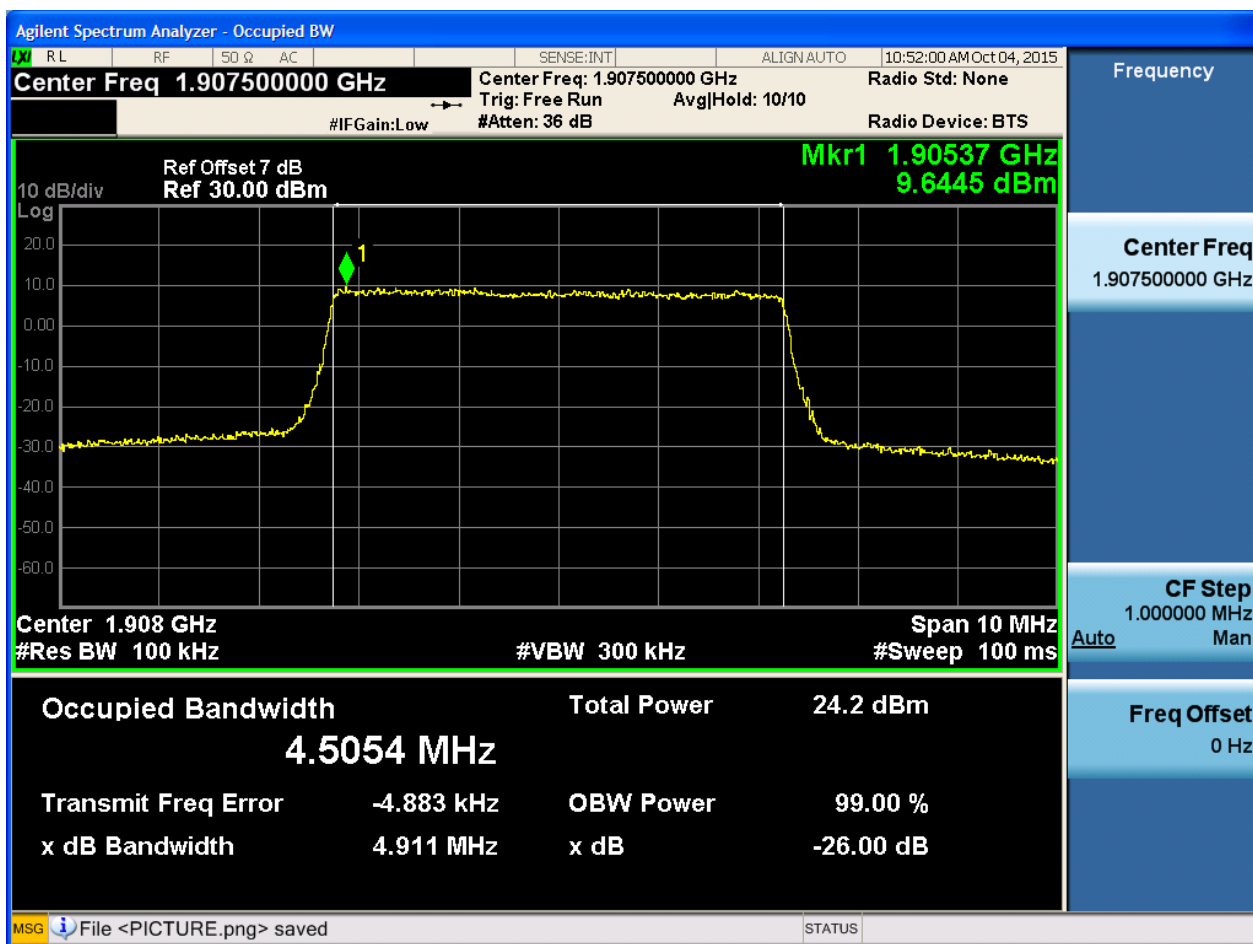
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

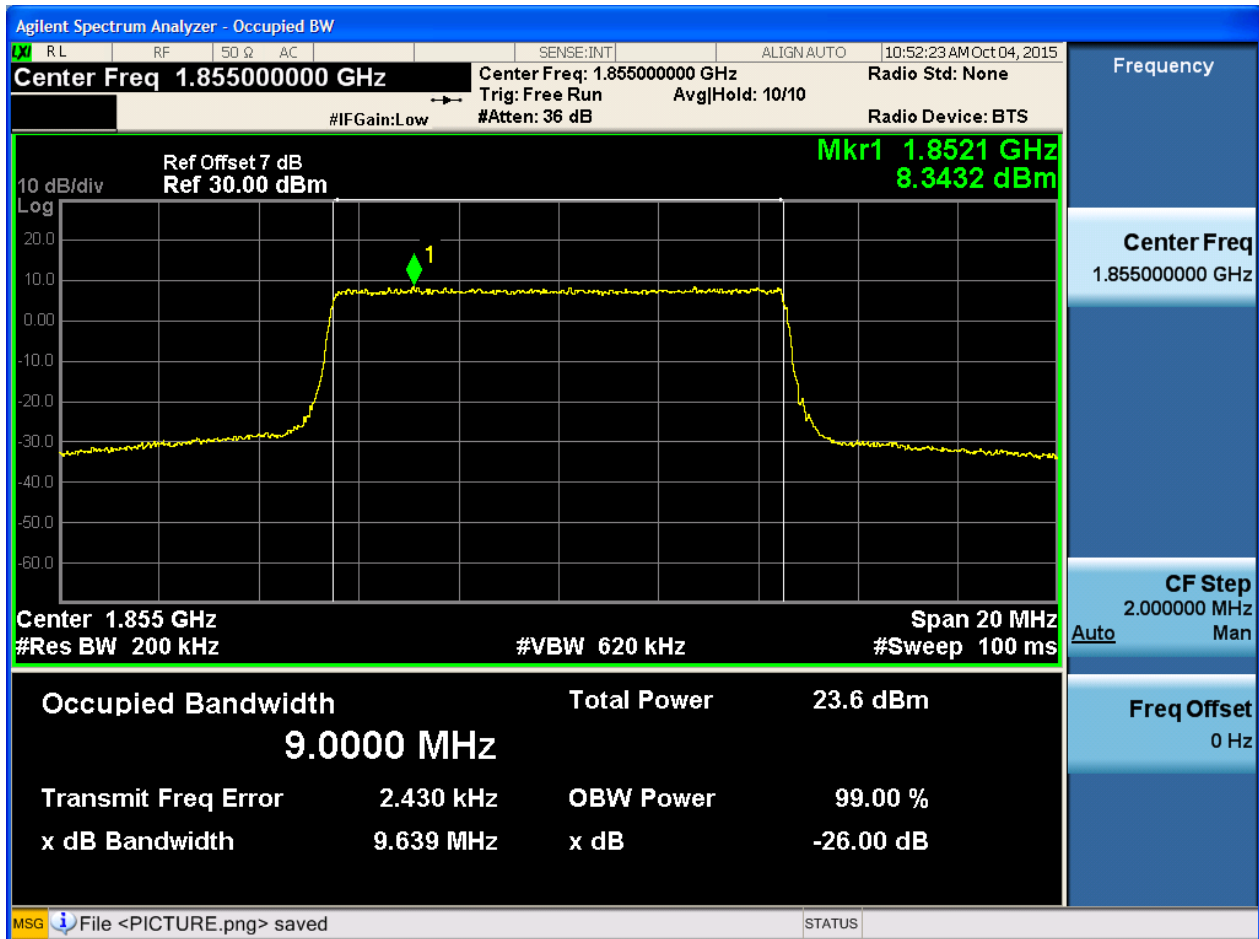




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

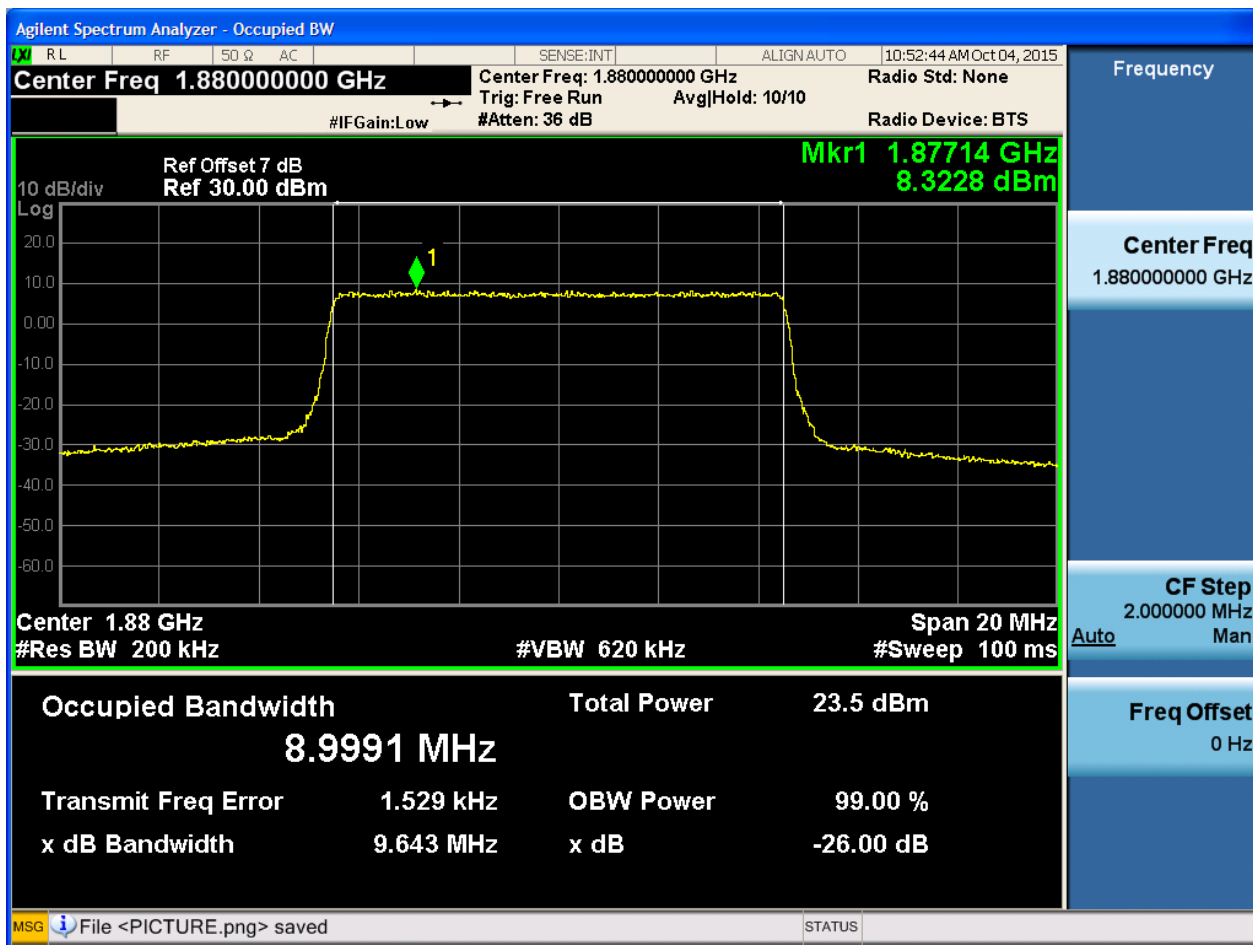
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

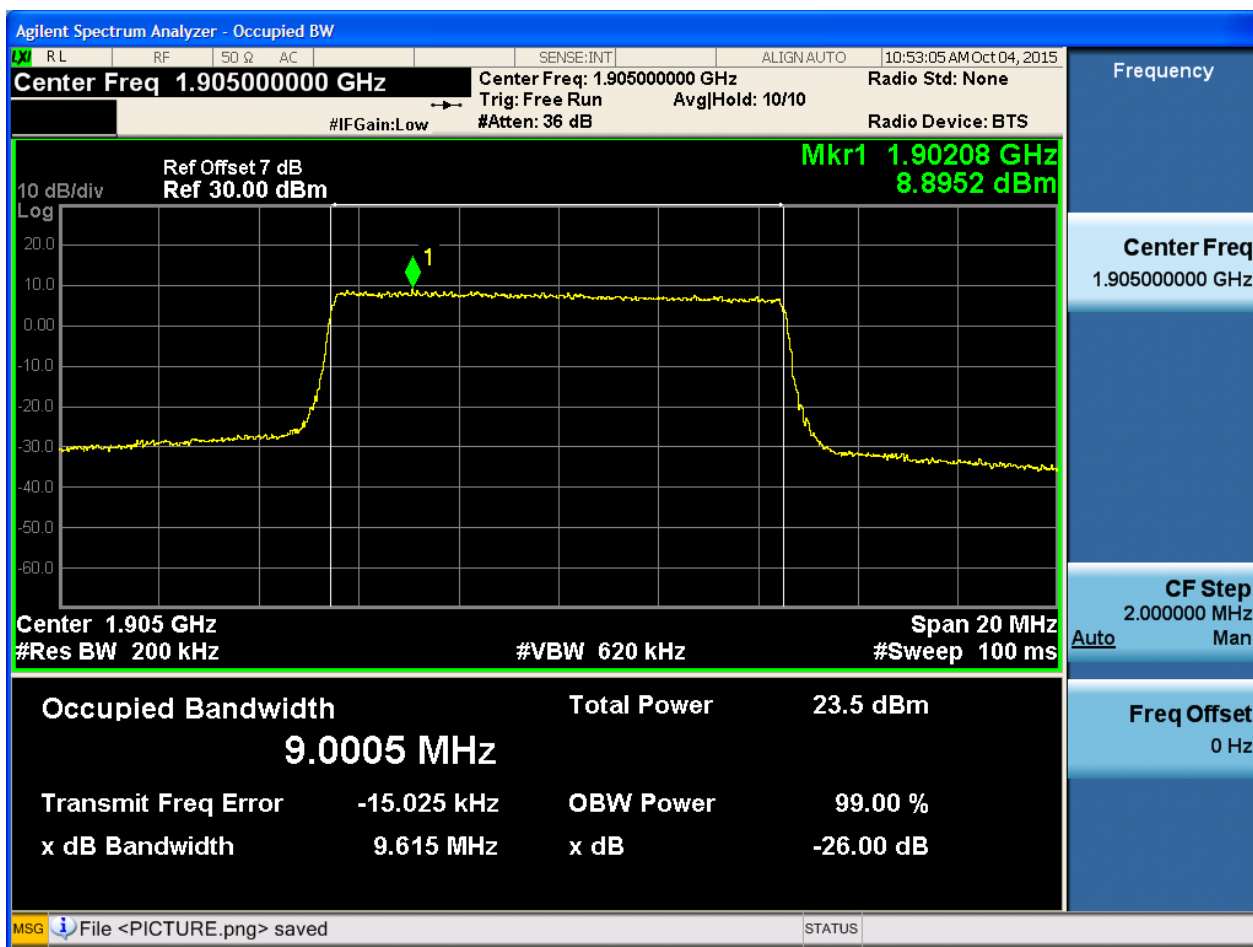
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

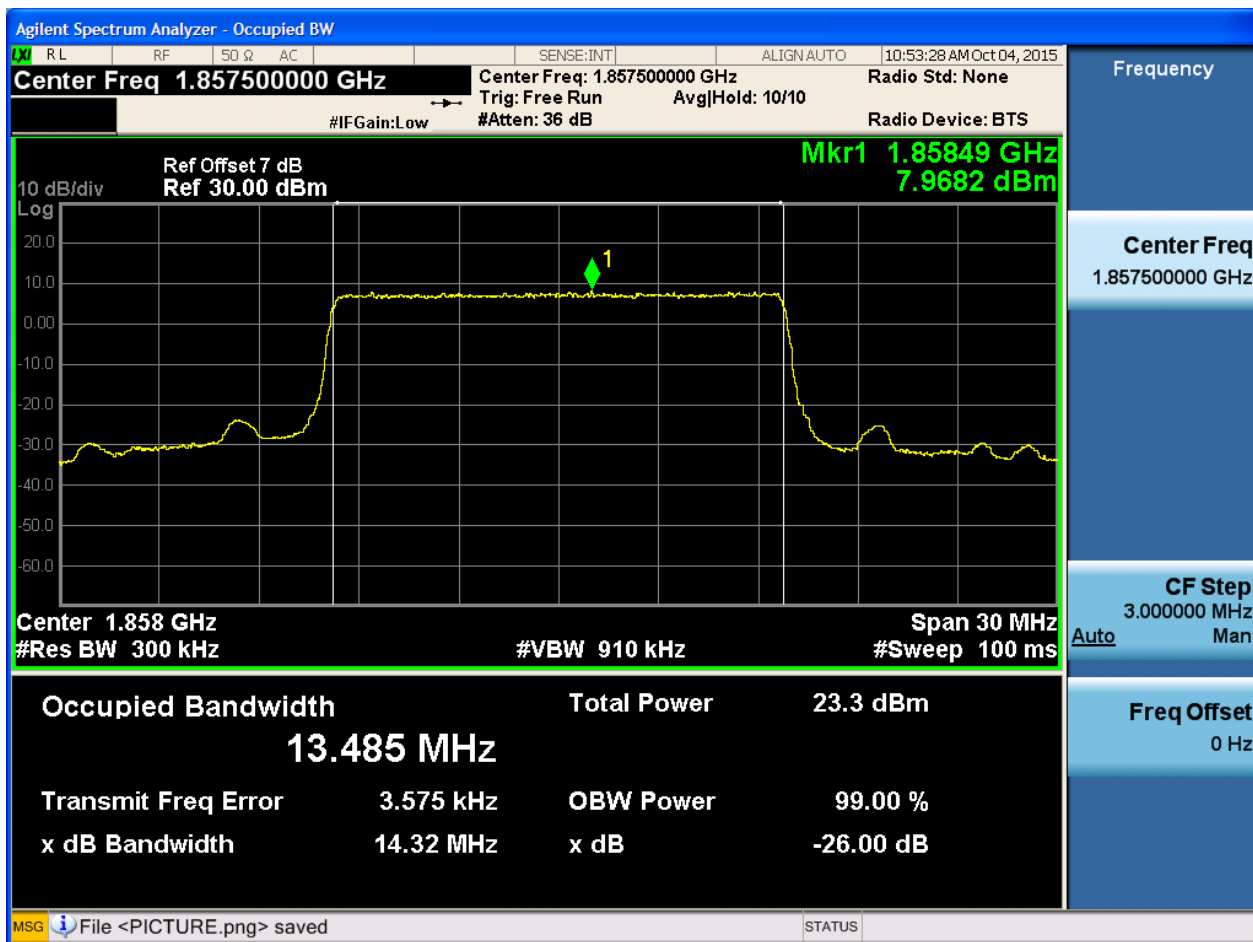




4.1.1.1.5 Test Bandwidth = 15

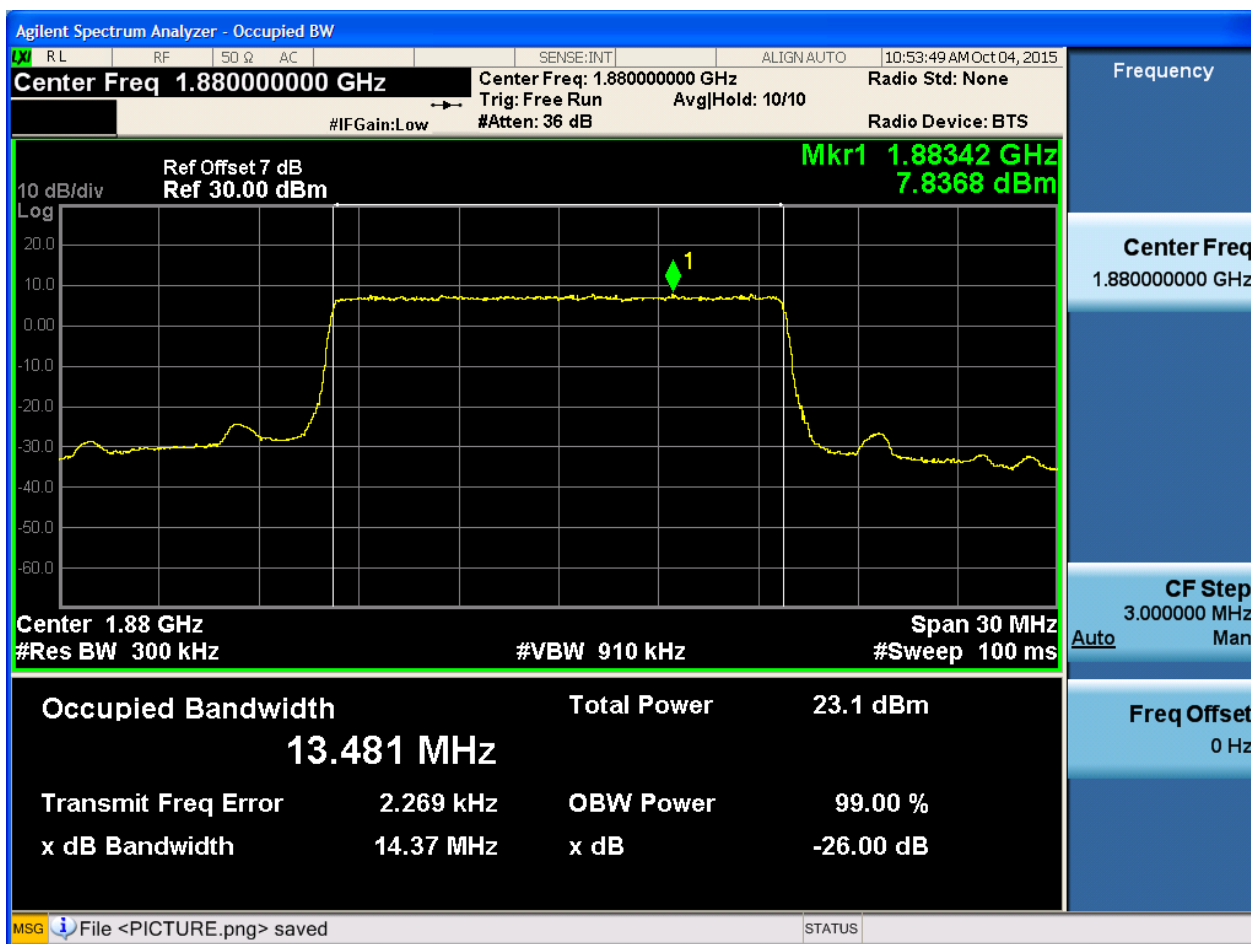
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



4.1.1.1.5.2 Test Channel = MCH

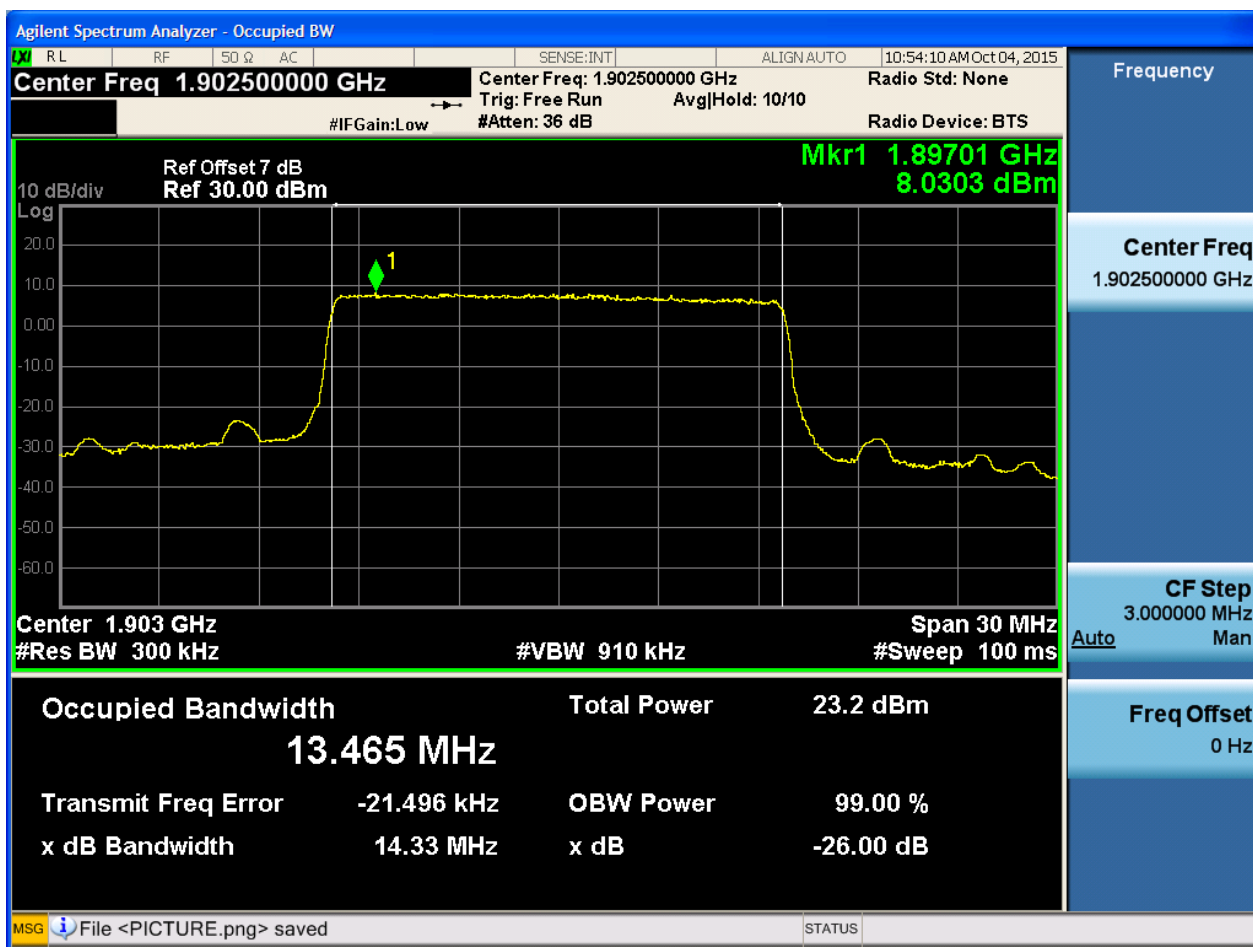
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

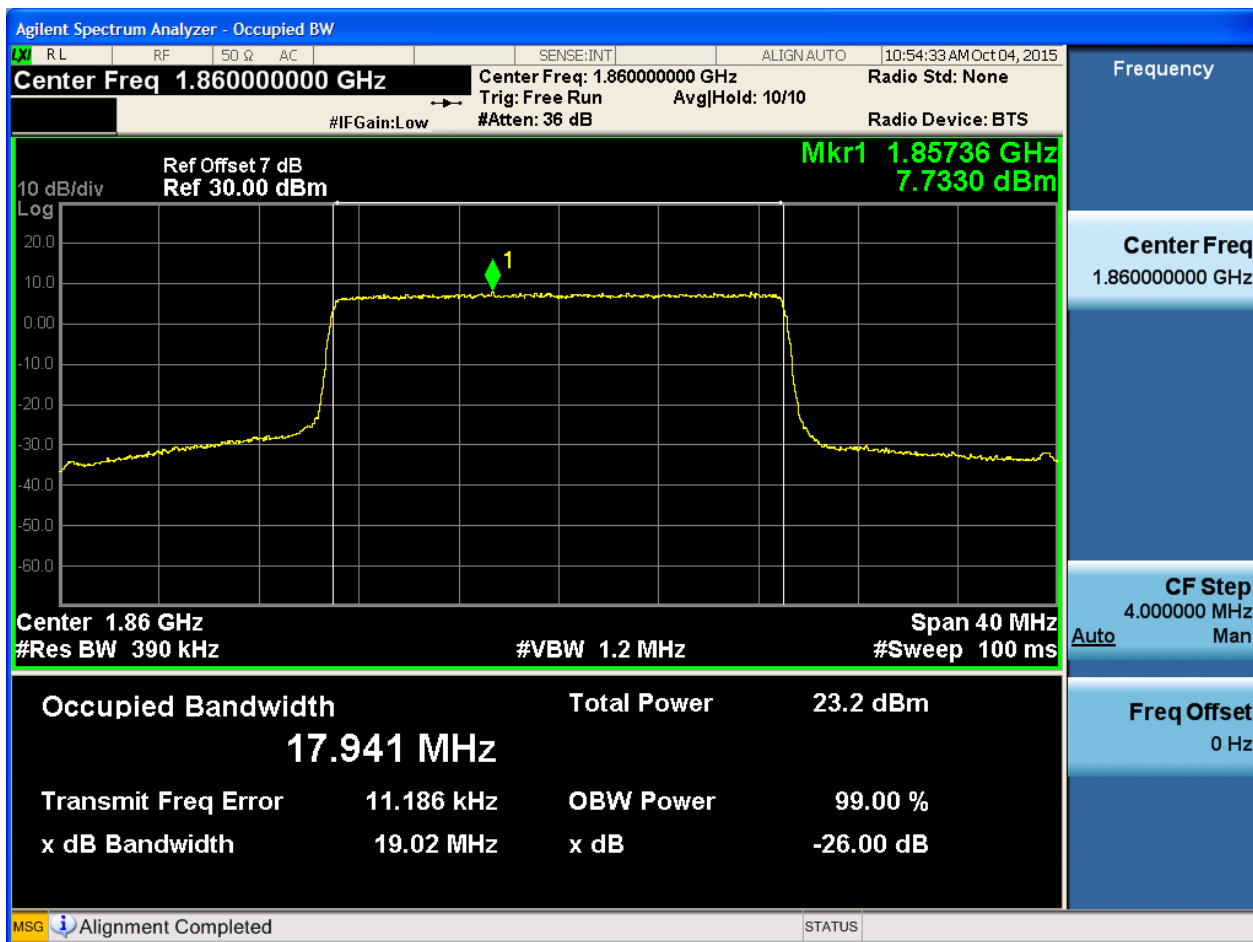




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

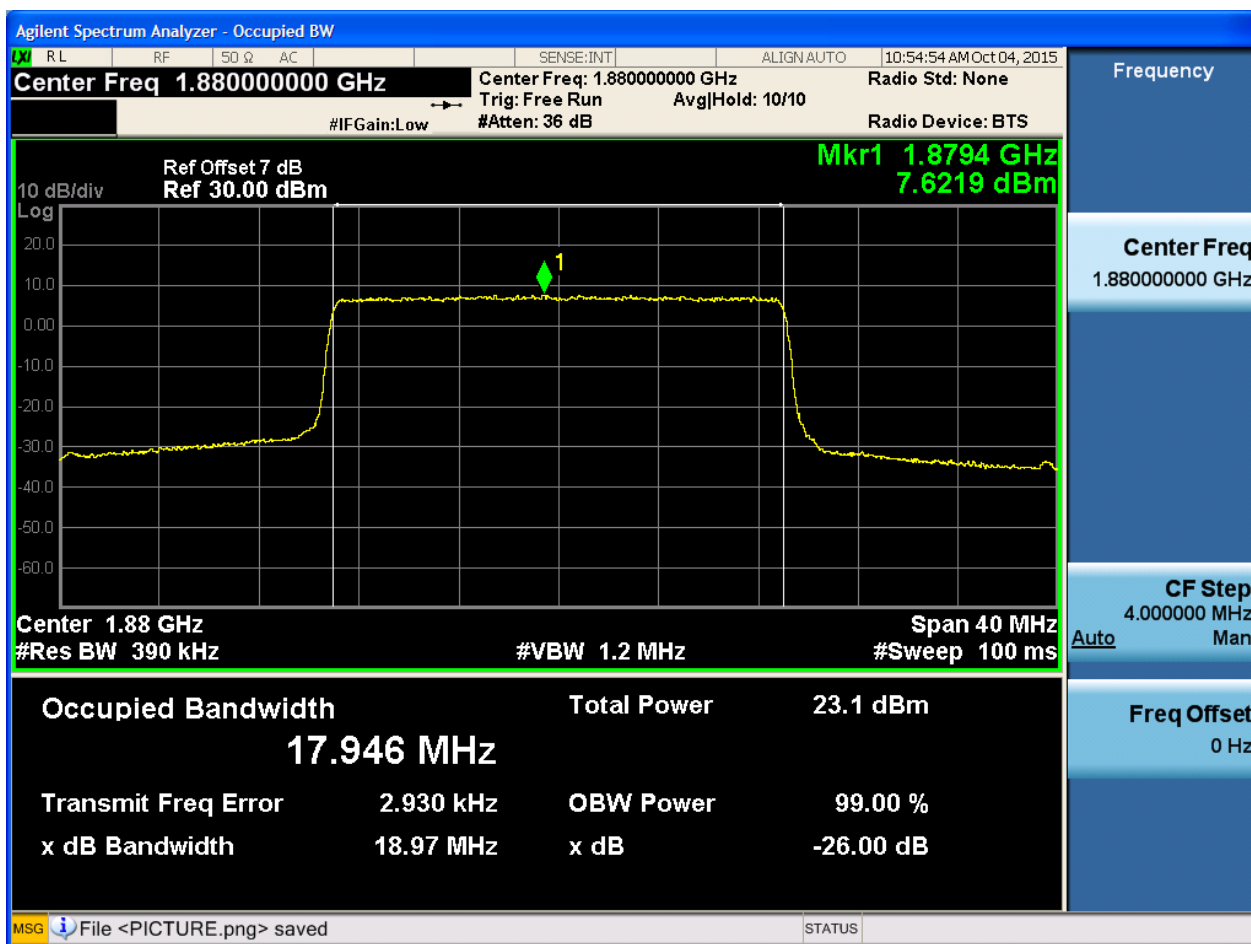
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

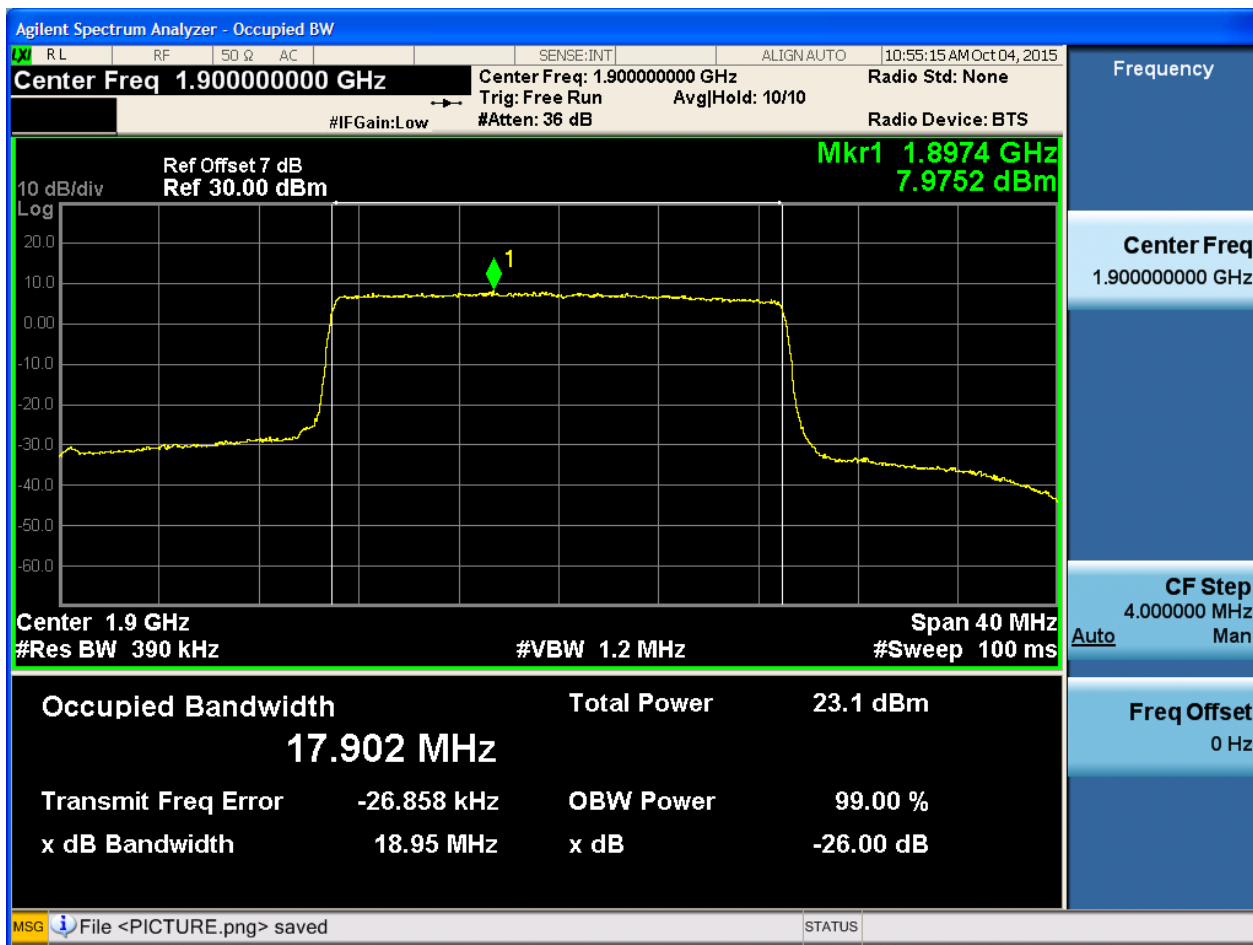
4.1.1.1.6.2.1 Test RB = RB100#0





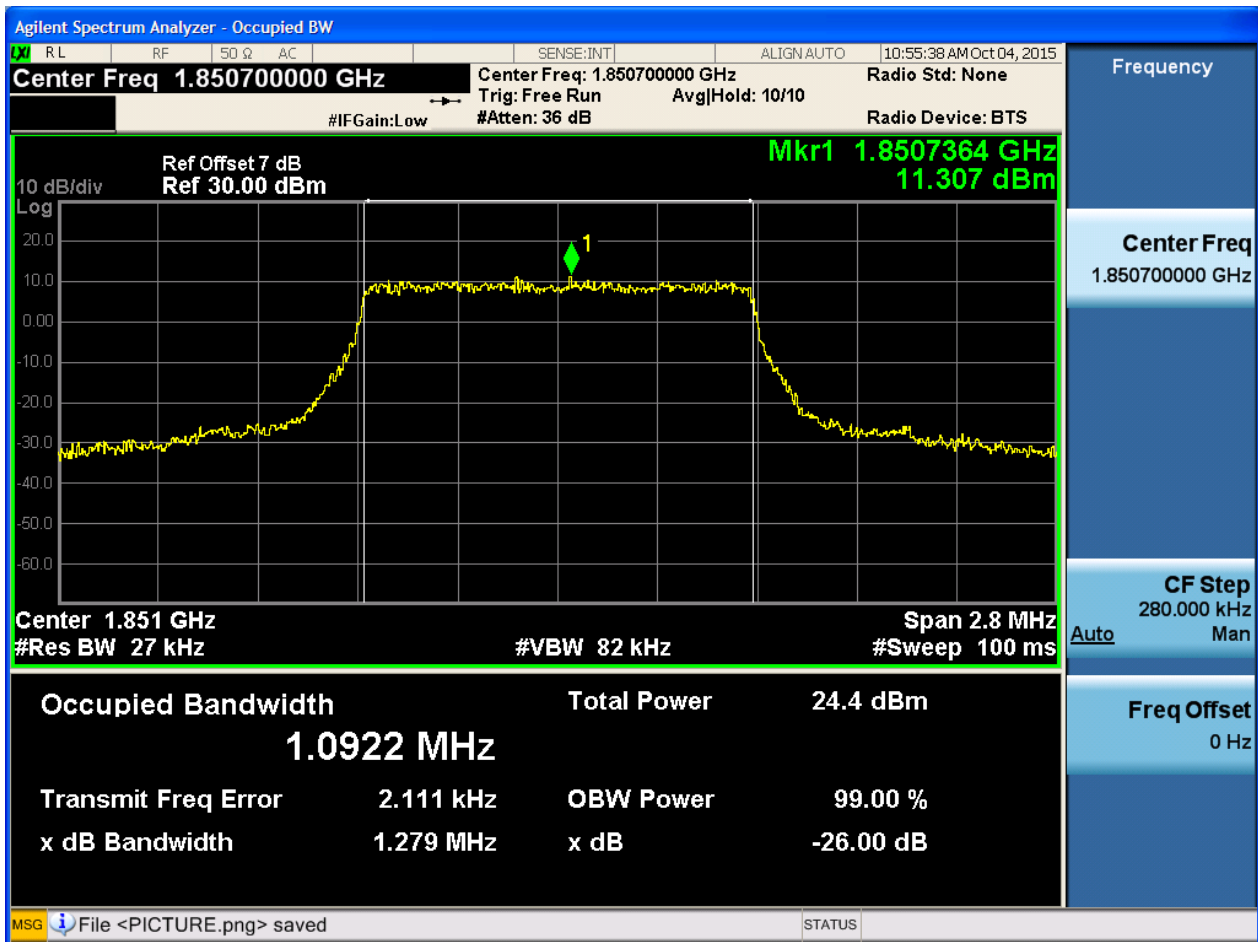
4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0





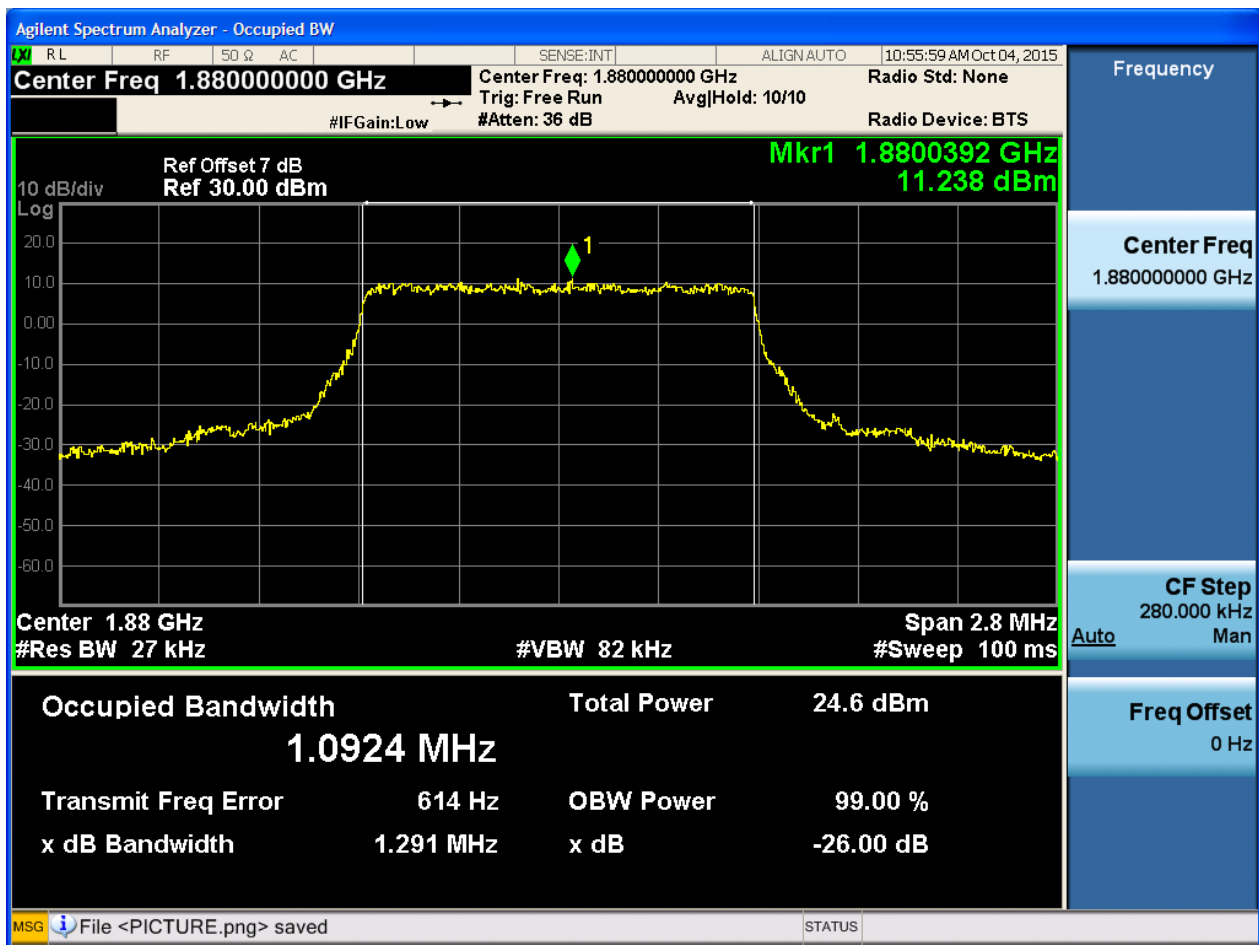
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

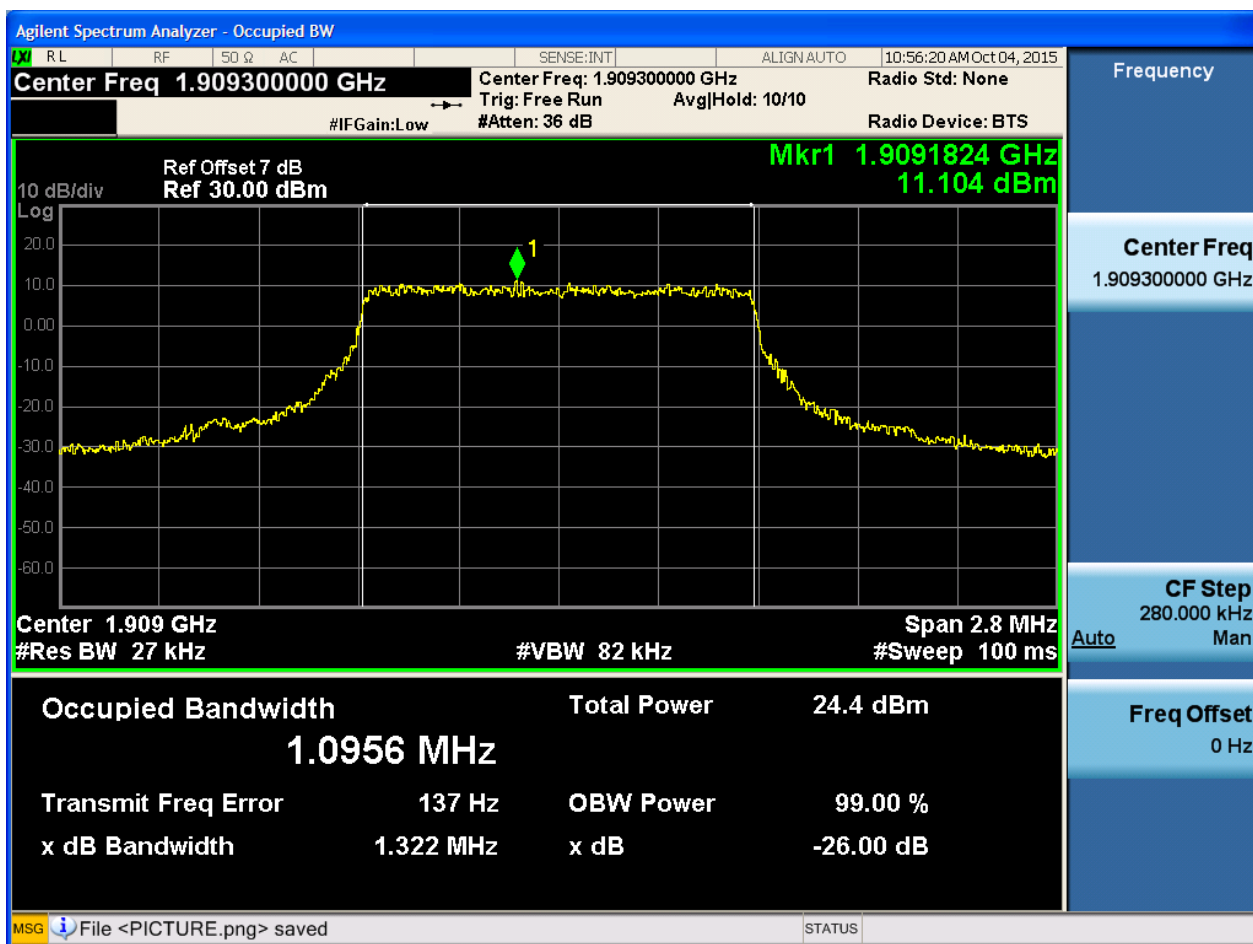
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

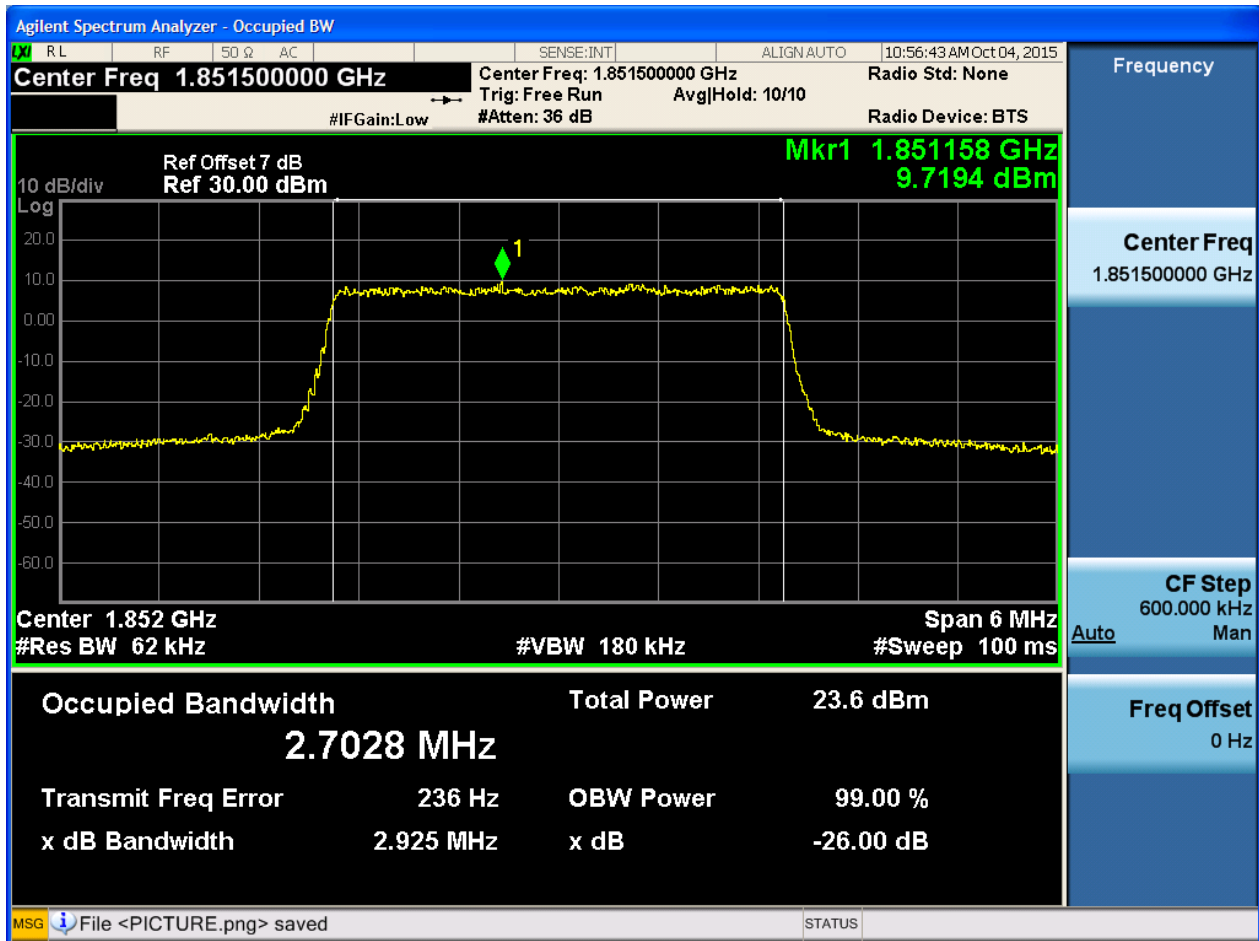




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

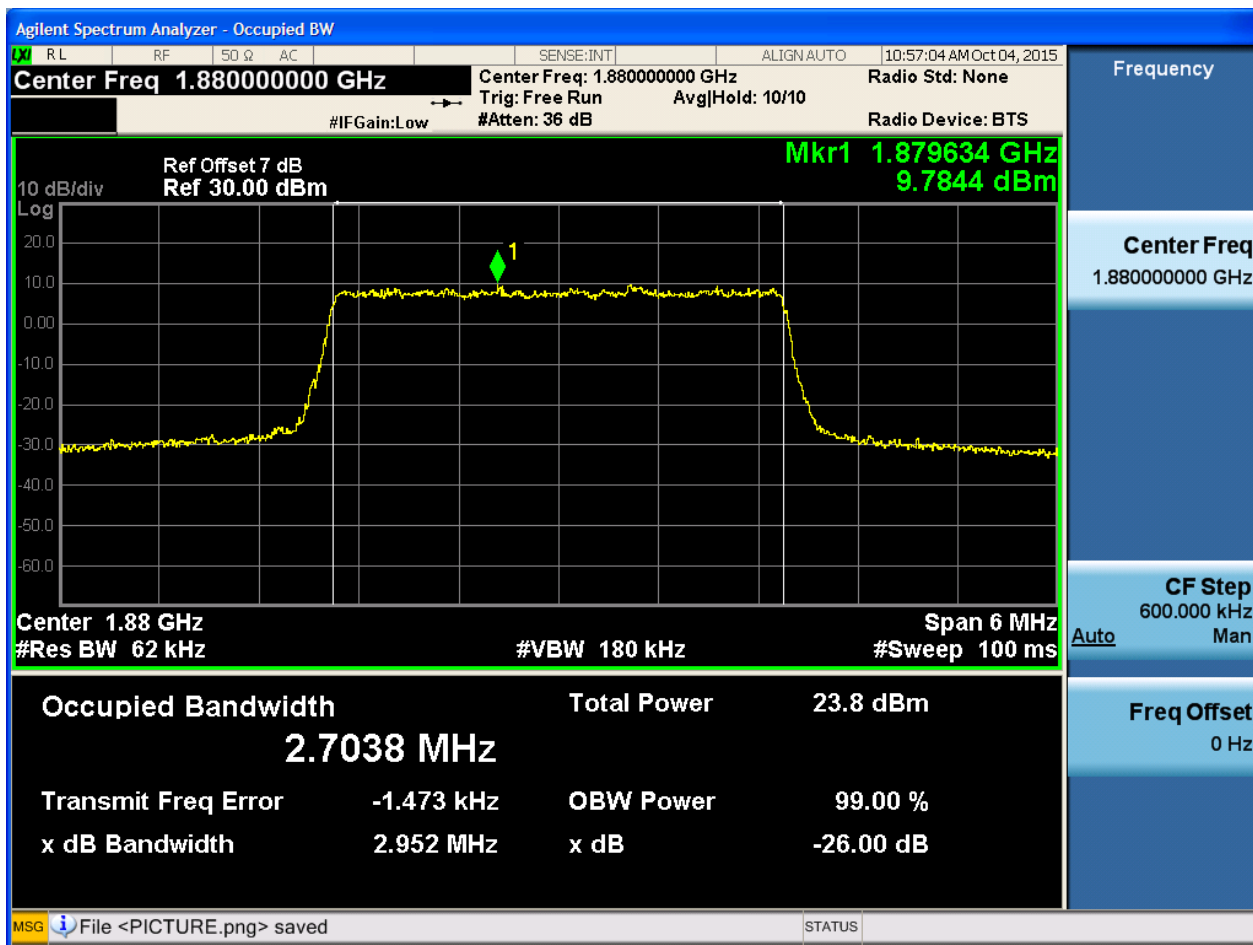
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

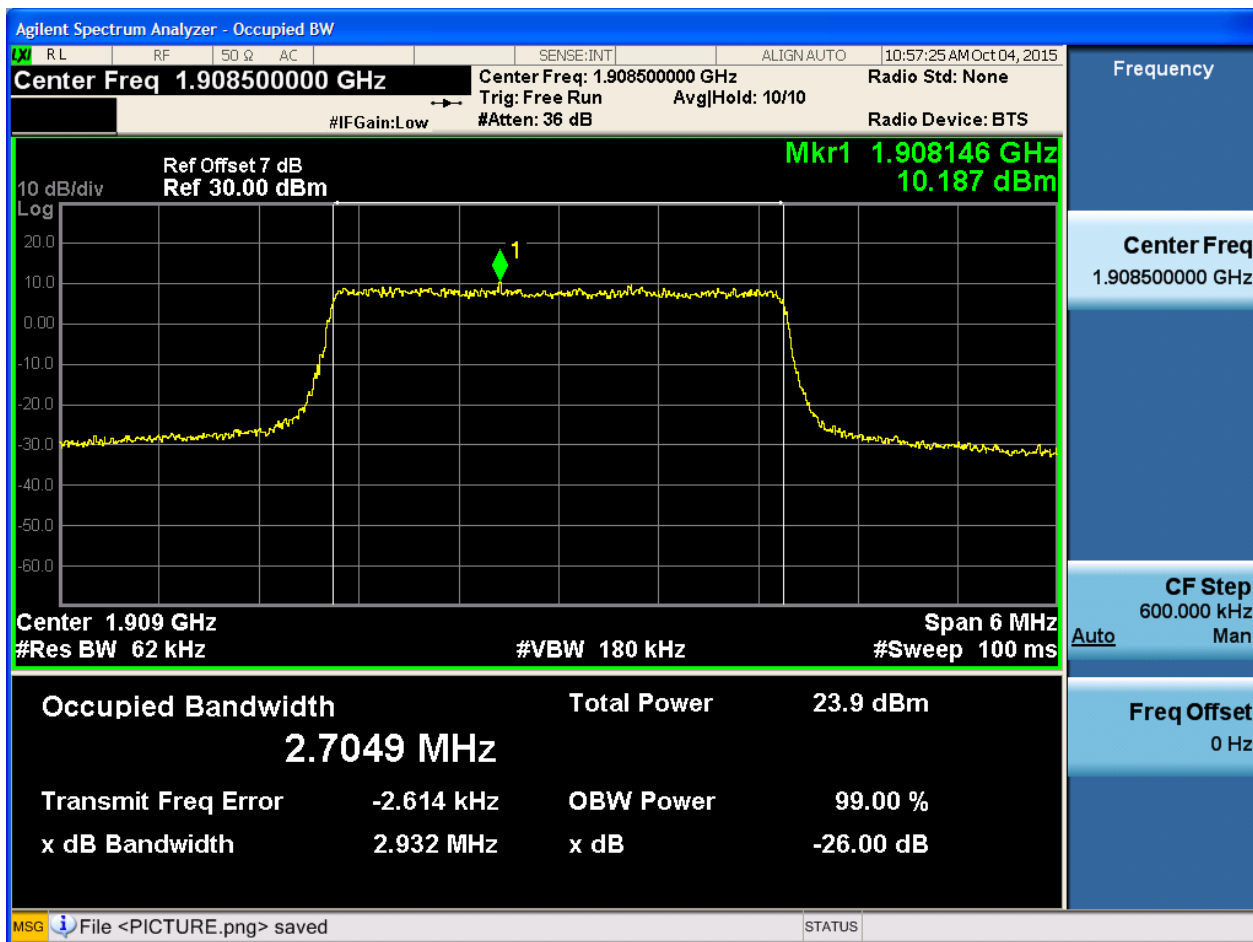
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

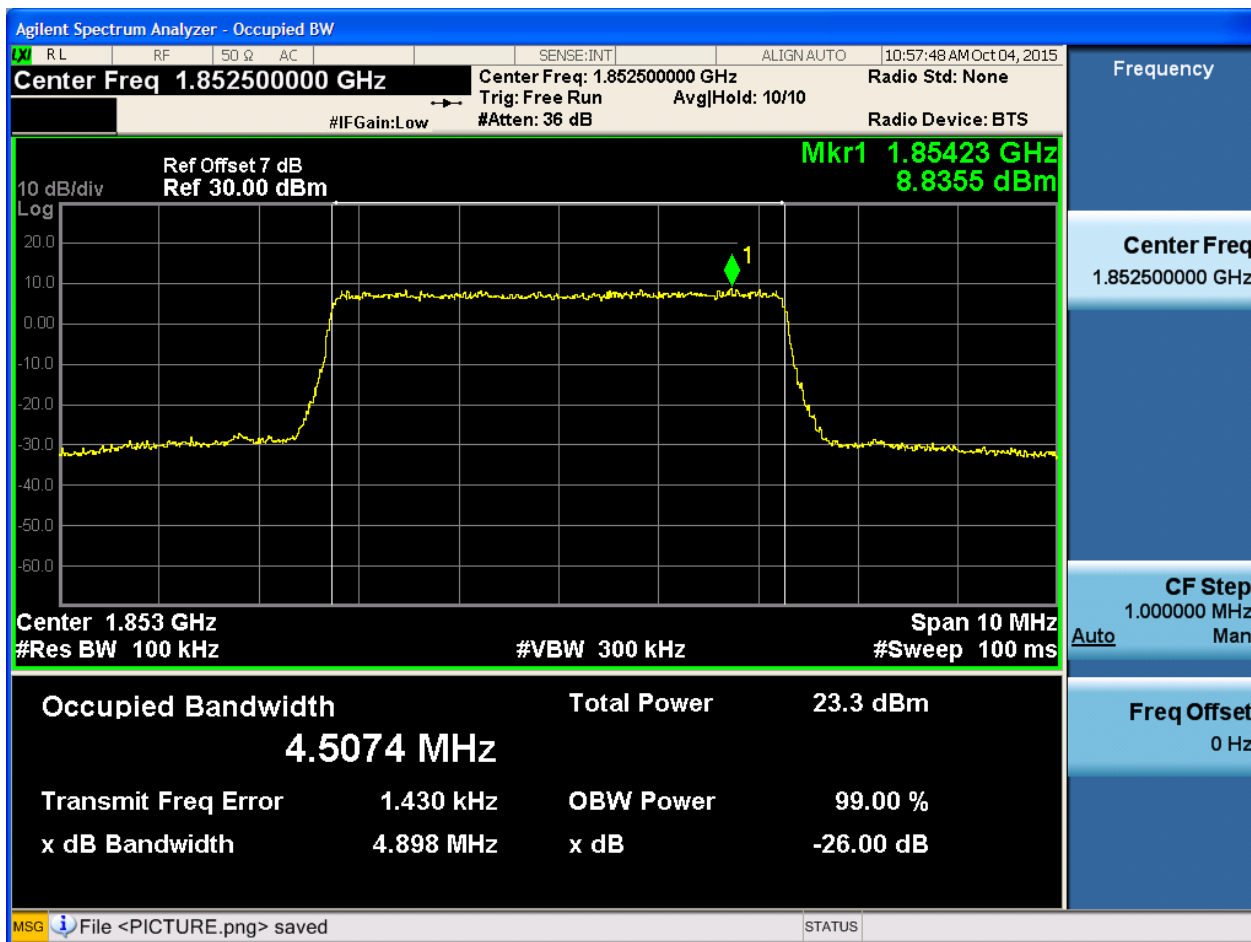




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

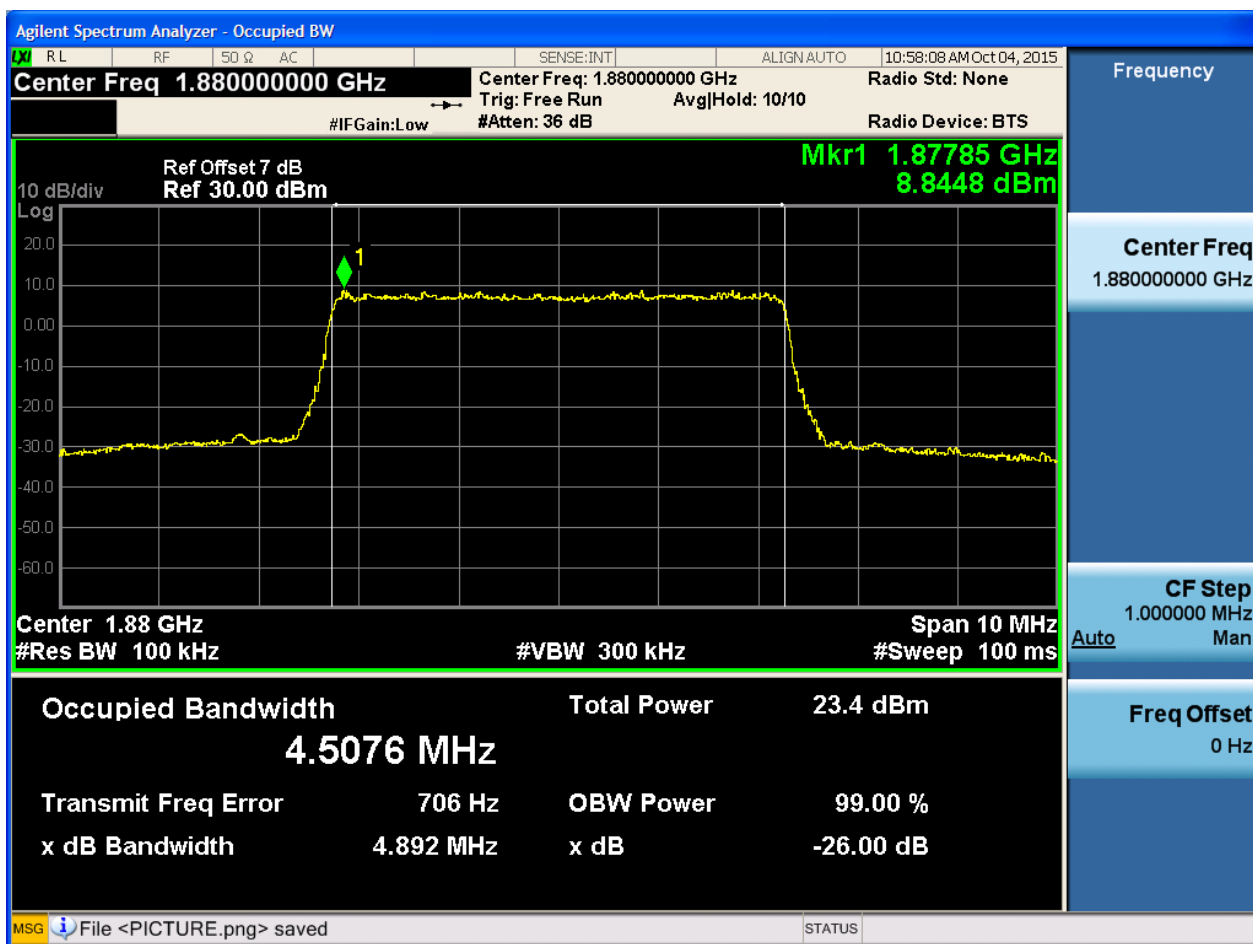
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

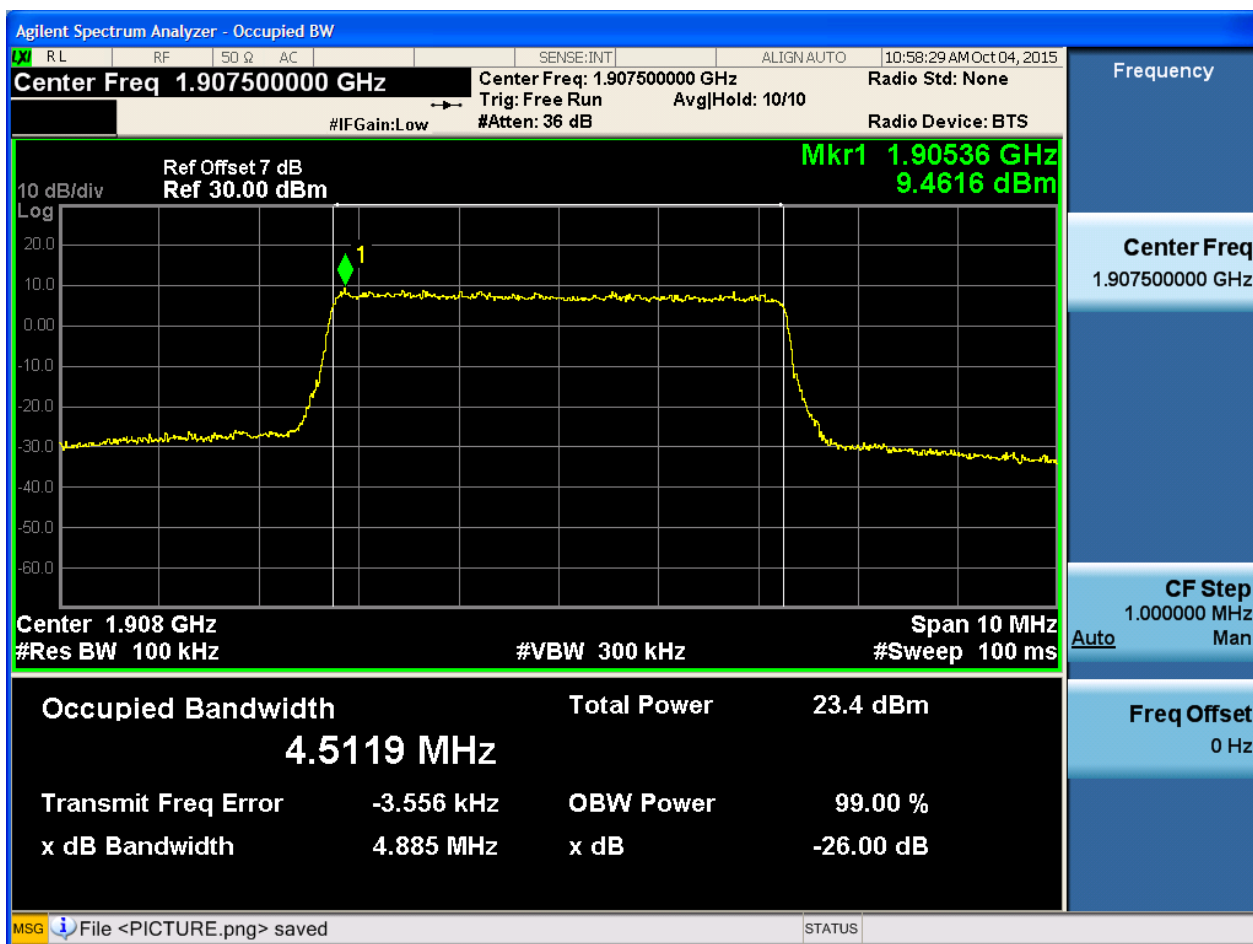
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

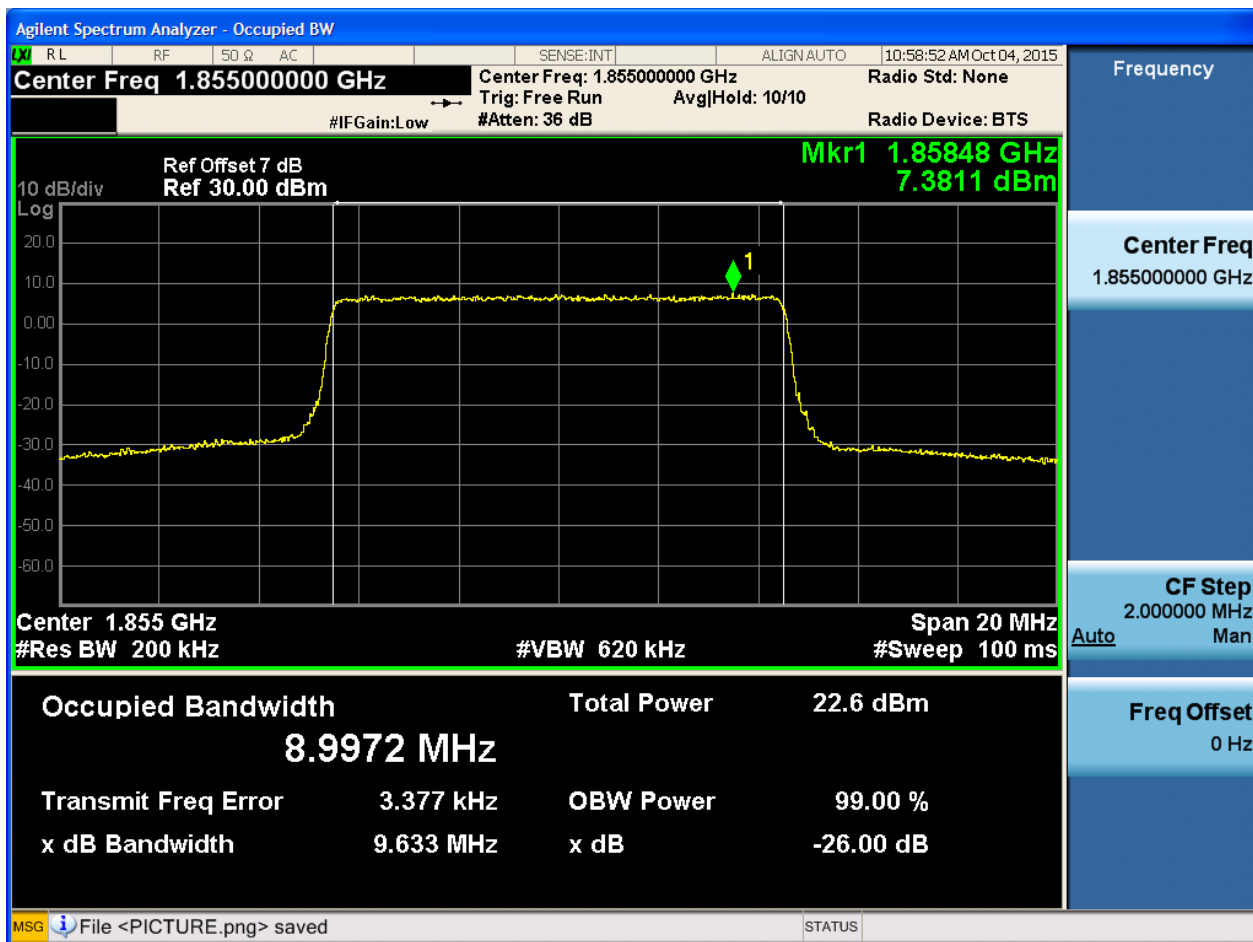




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

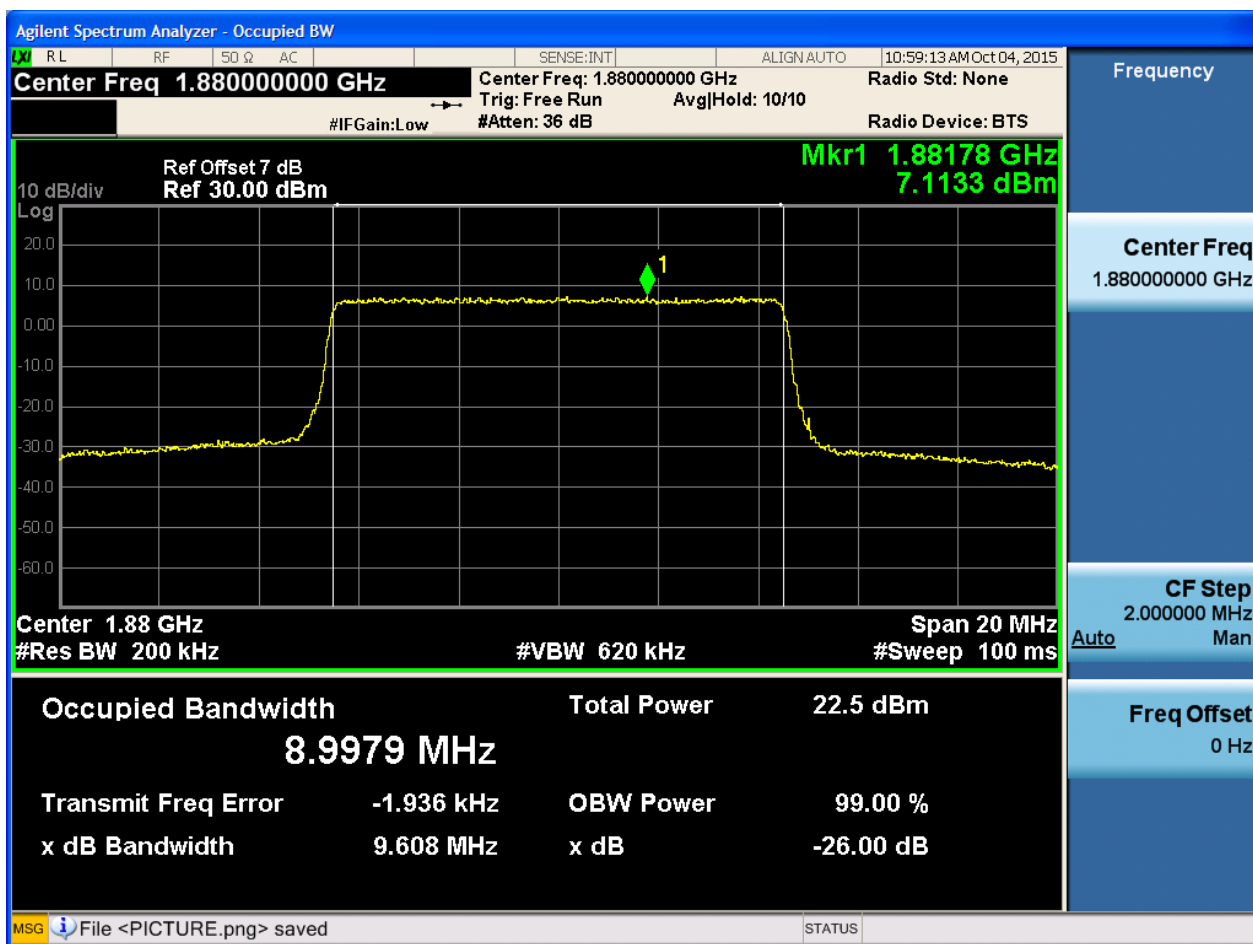
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

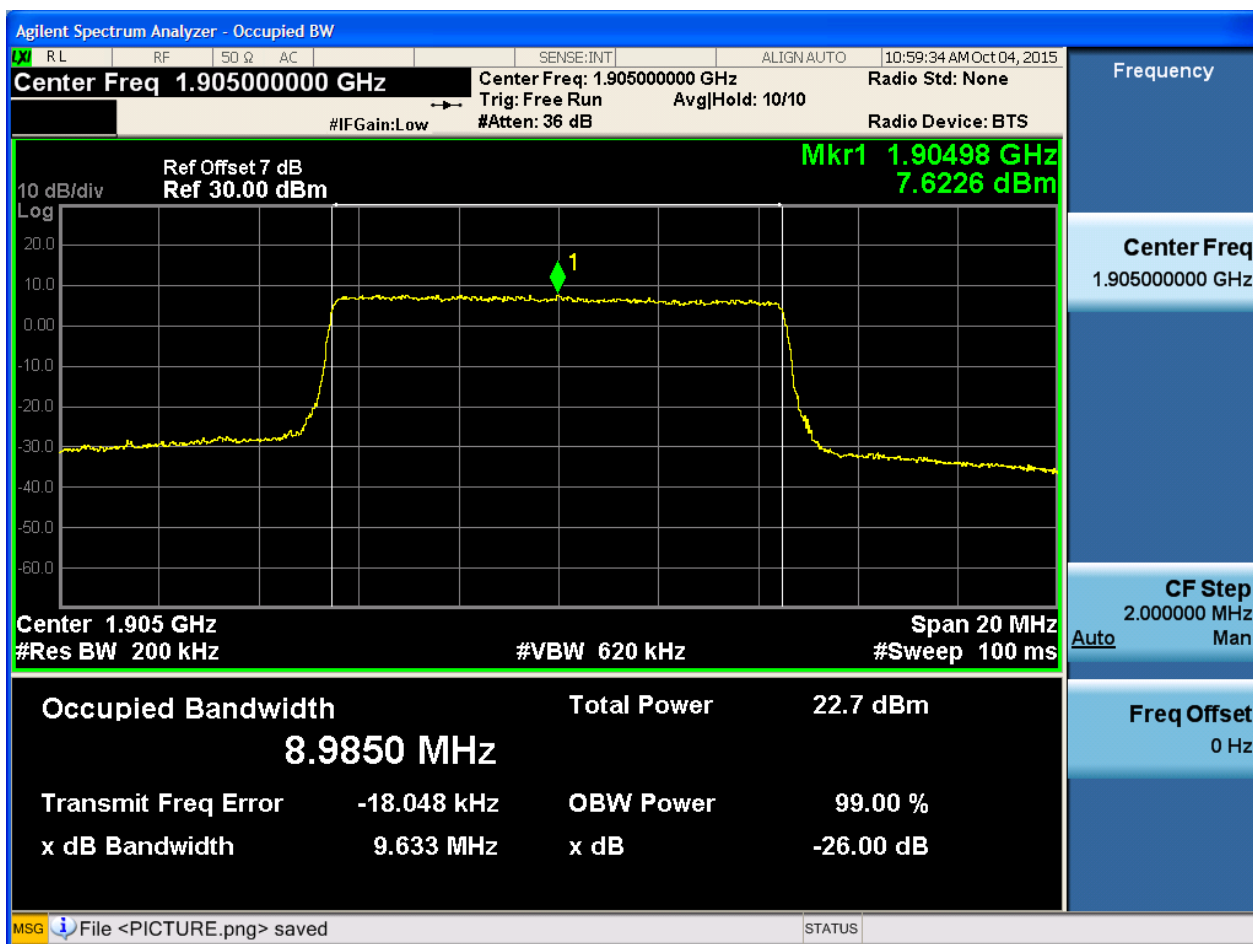
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

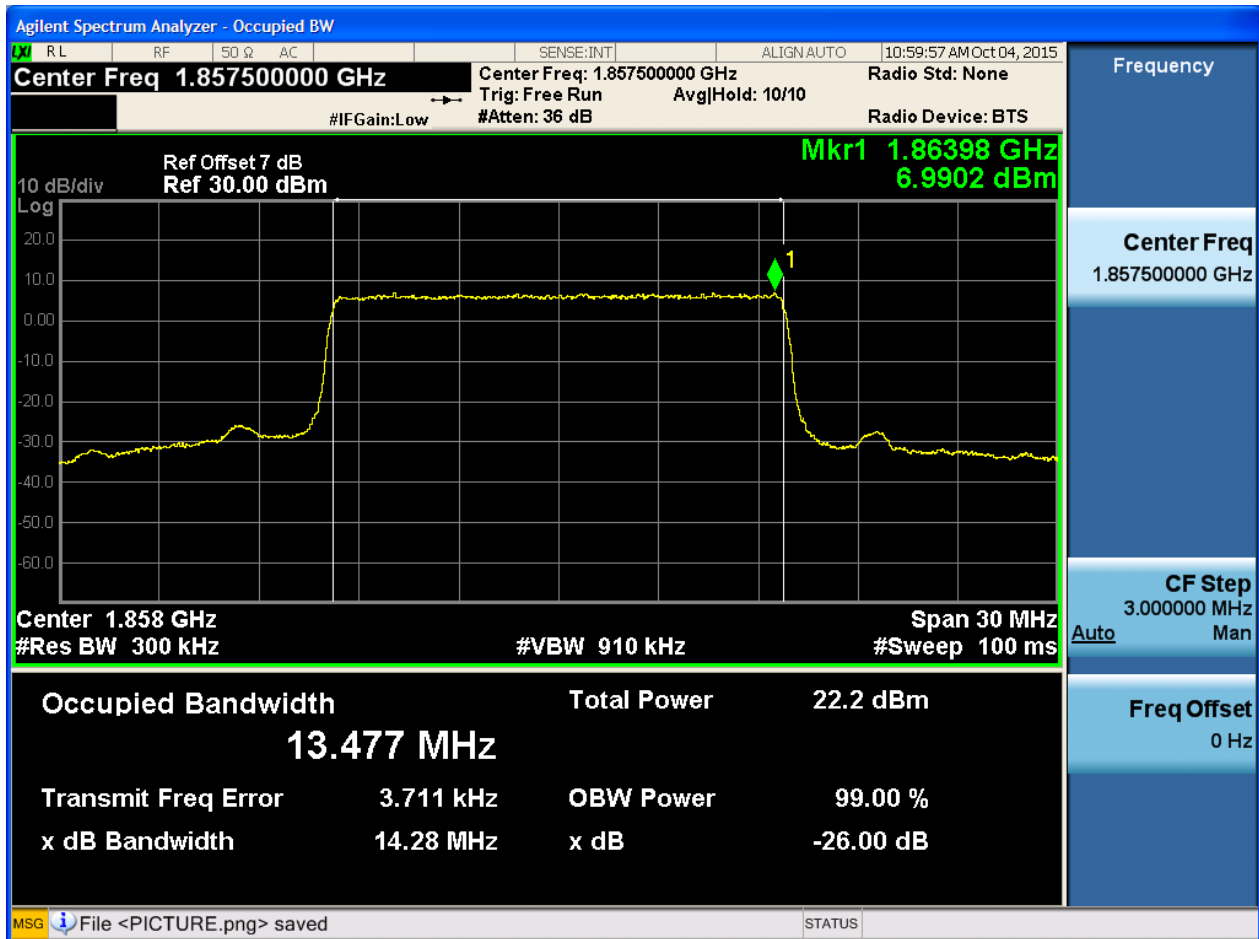




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

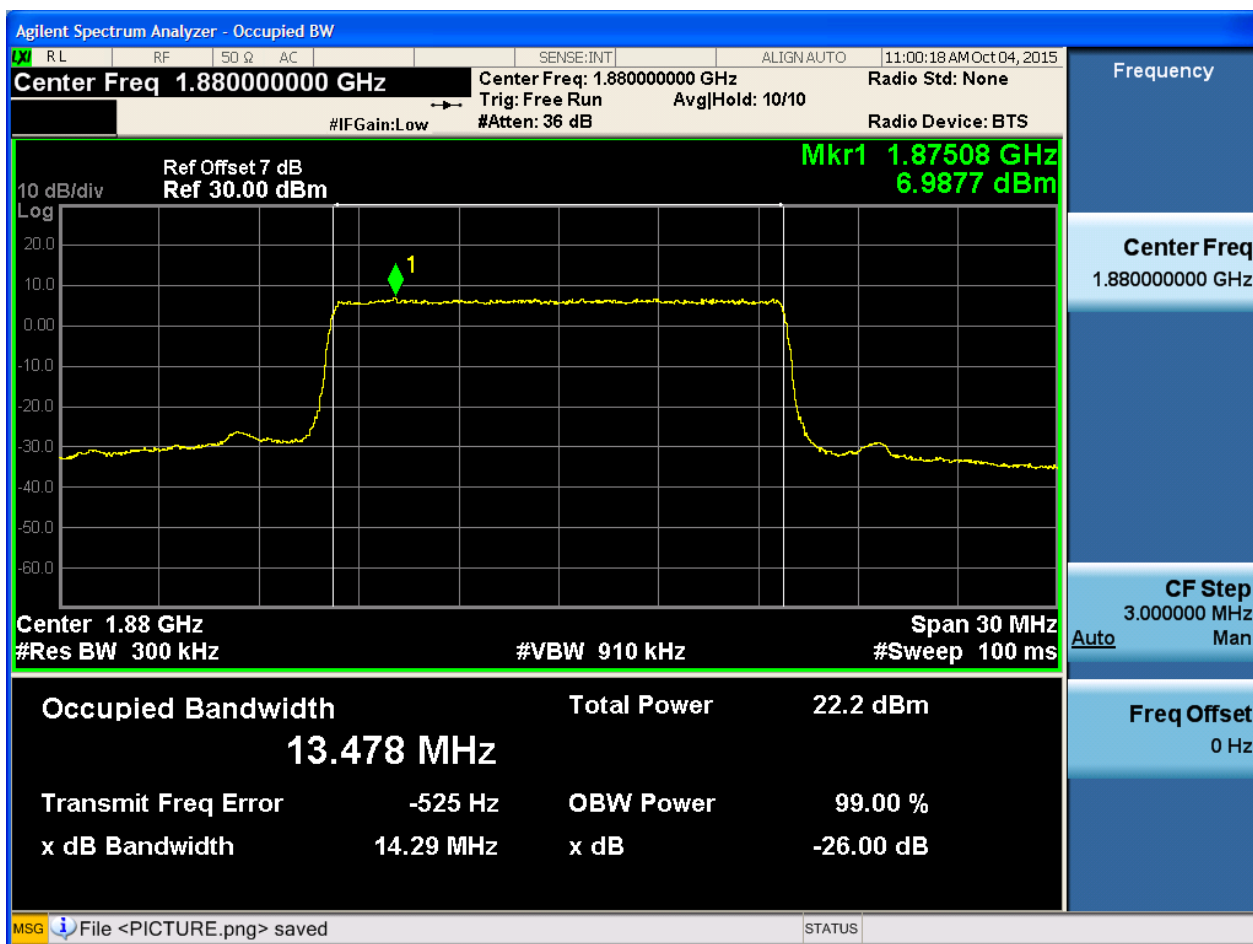
4.1.1.2.5.1.1 Test RB = RB75#0





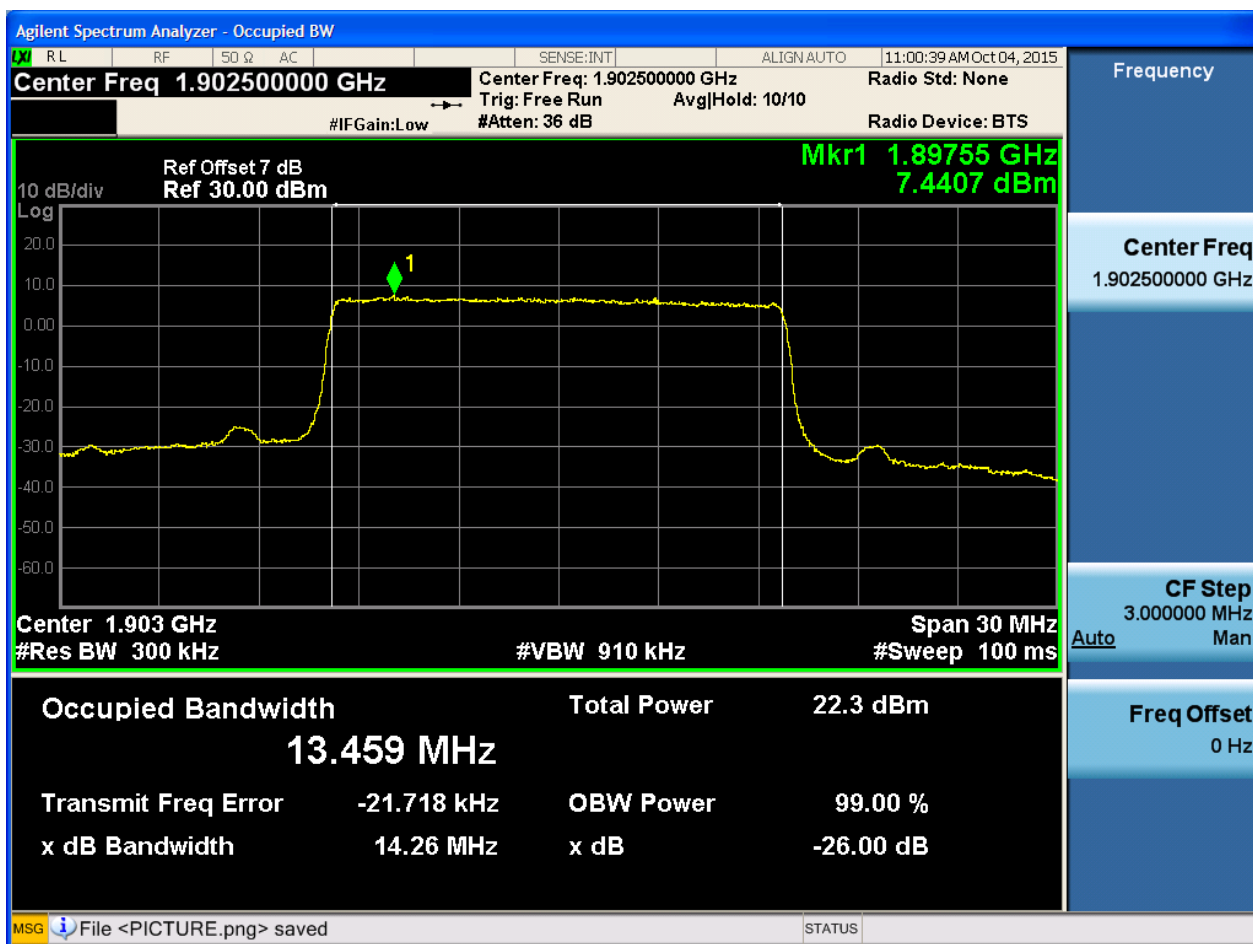
4.1.1.2.5.2 Test Channel = MCH

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

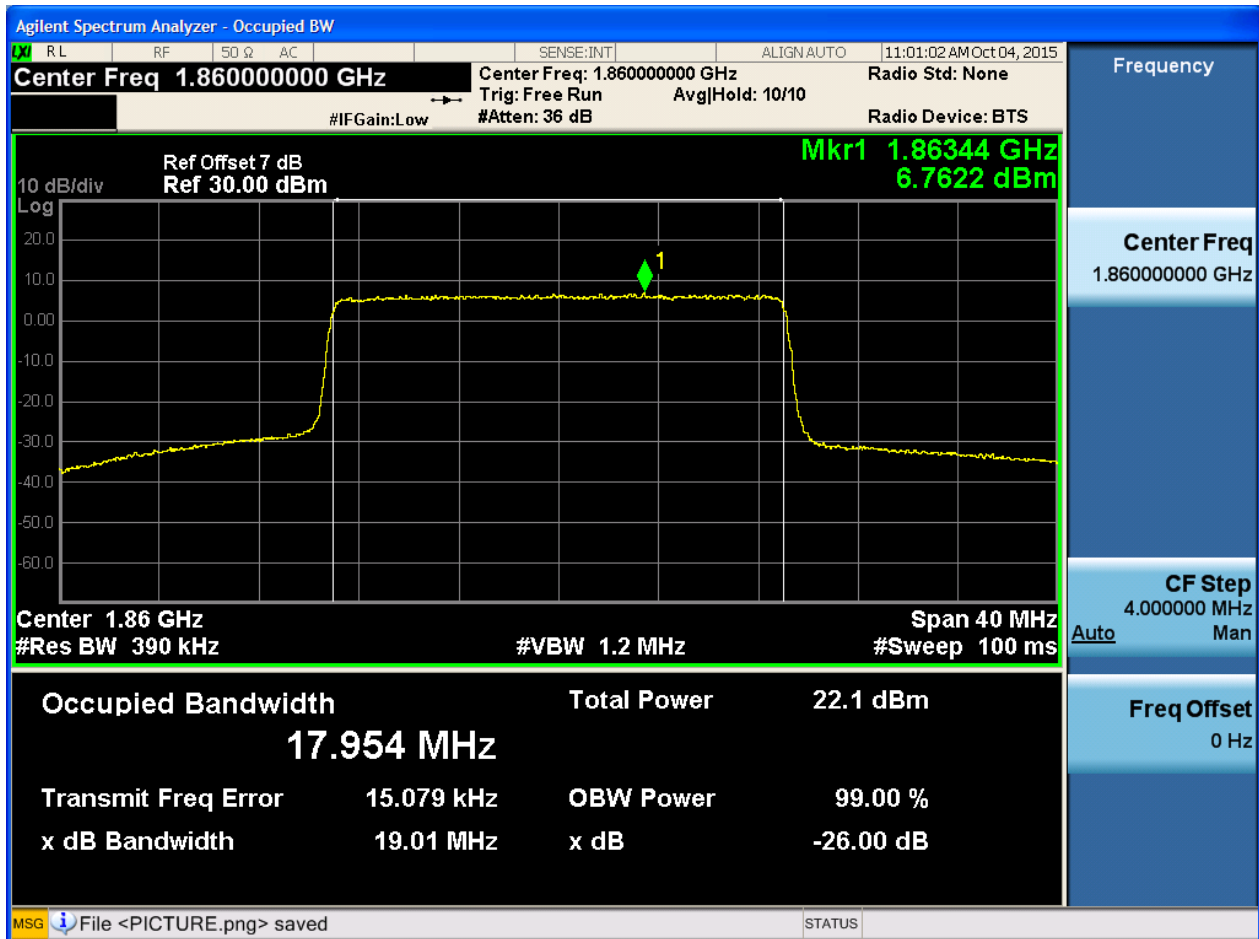




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

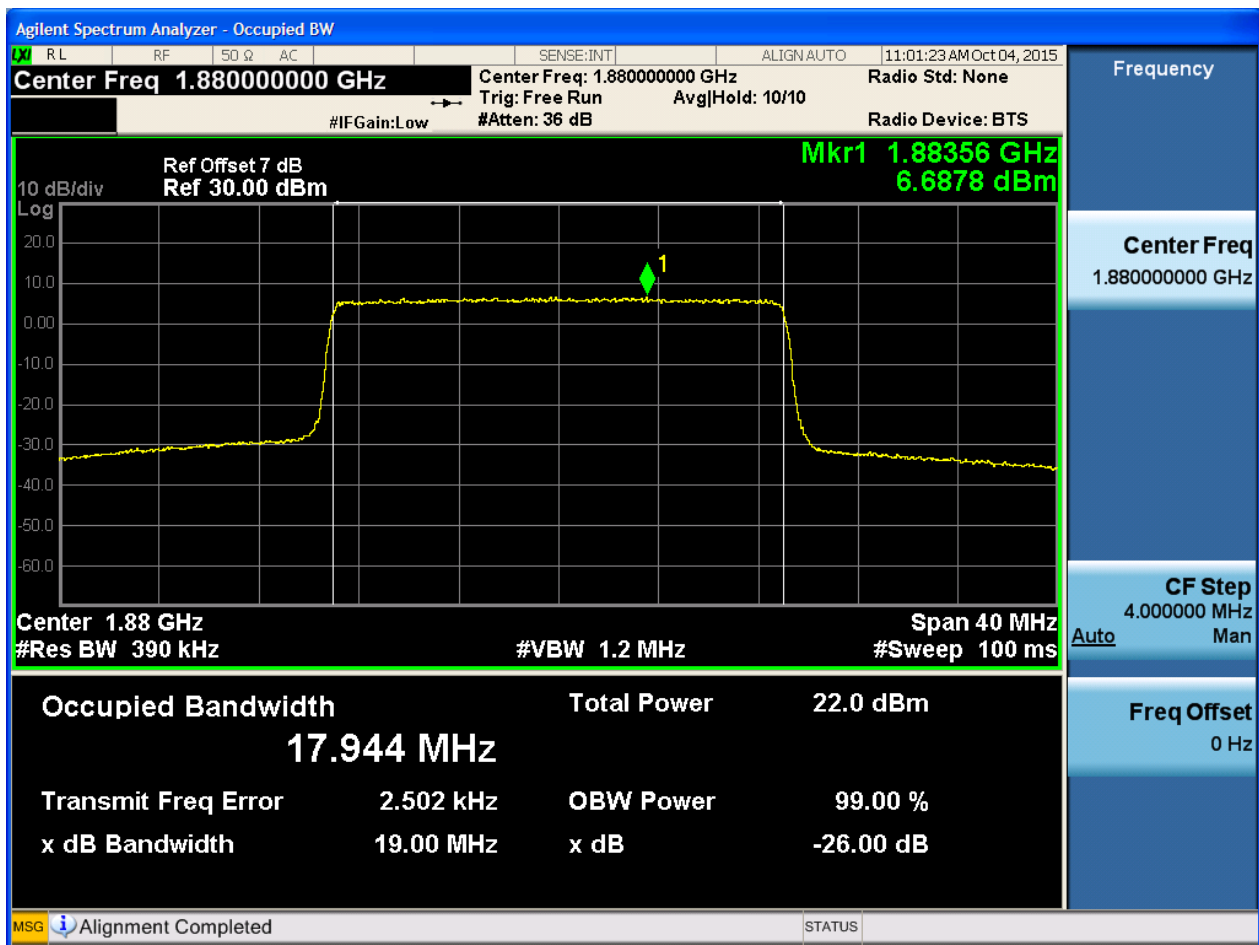
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

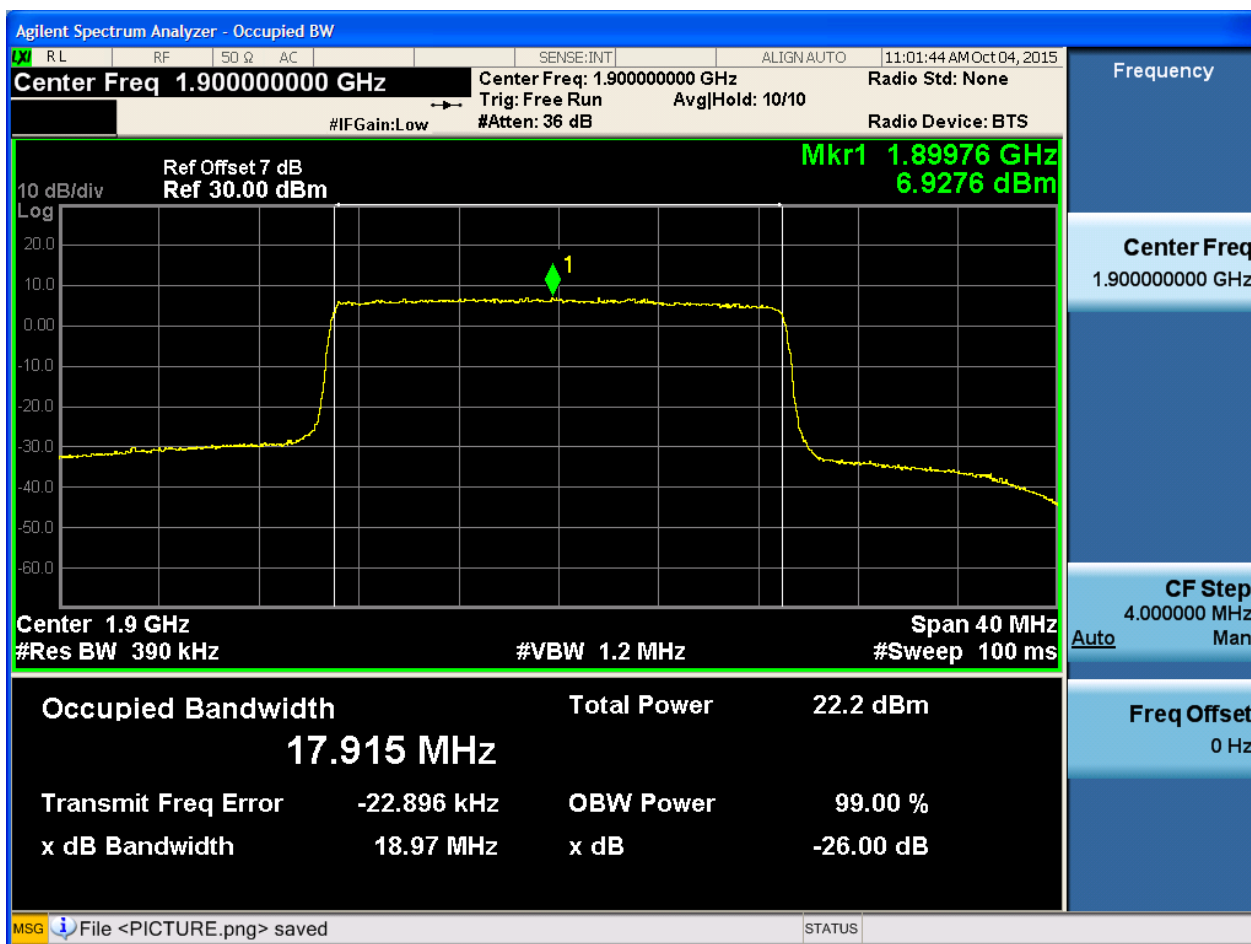
4.1.1.2.6.2.1 Test RB = RB100#0





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

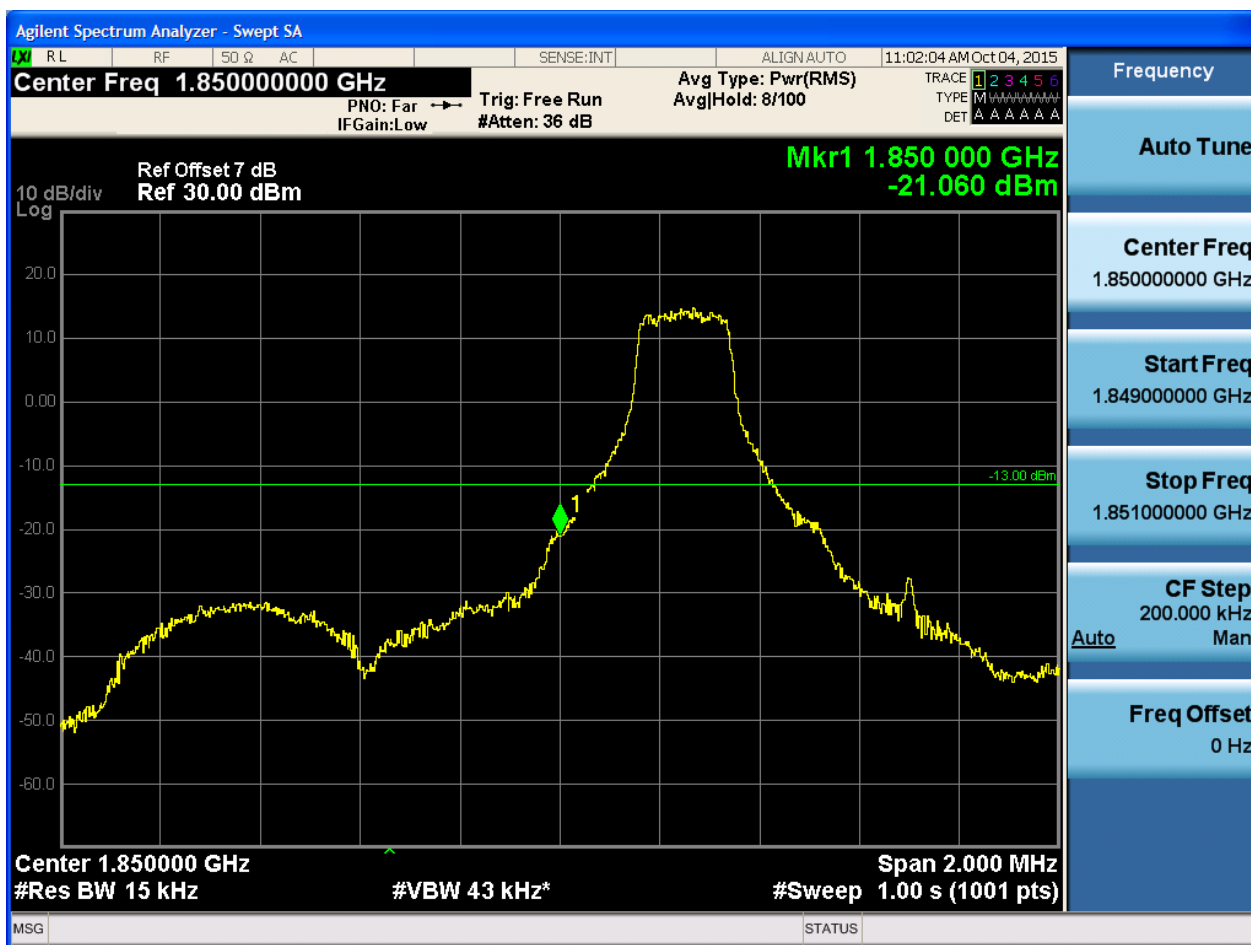
5.1.1 Test Band = BAND2

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



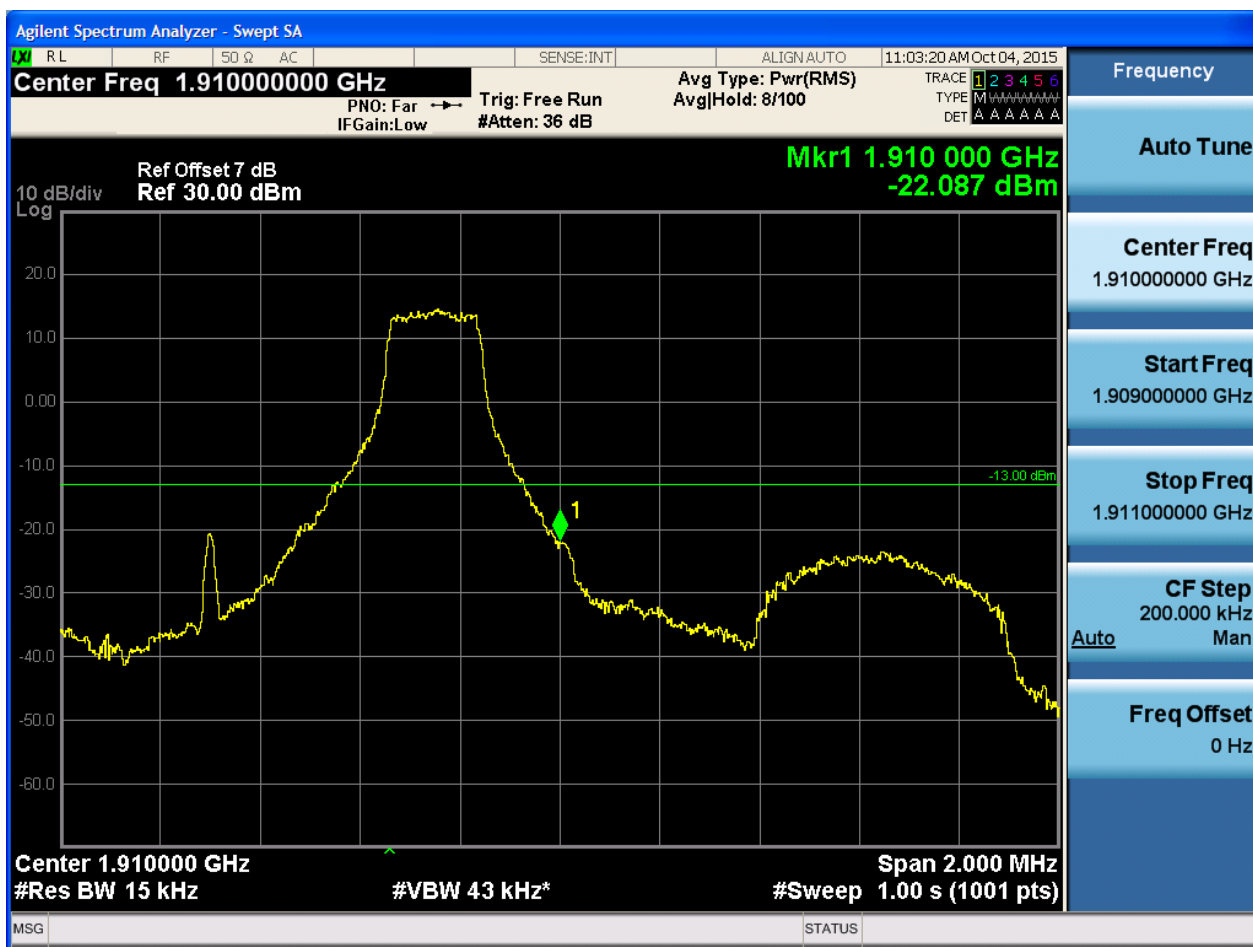
5.1.1.1.1.2 Test Channel = HCH

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

Center Freq 1.91000000 GHz

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 1.910 000 GHz
-22.281 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 15 kHz
#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

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



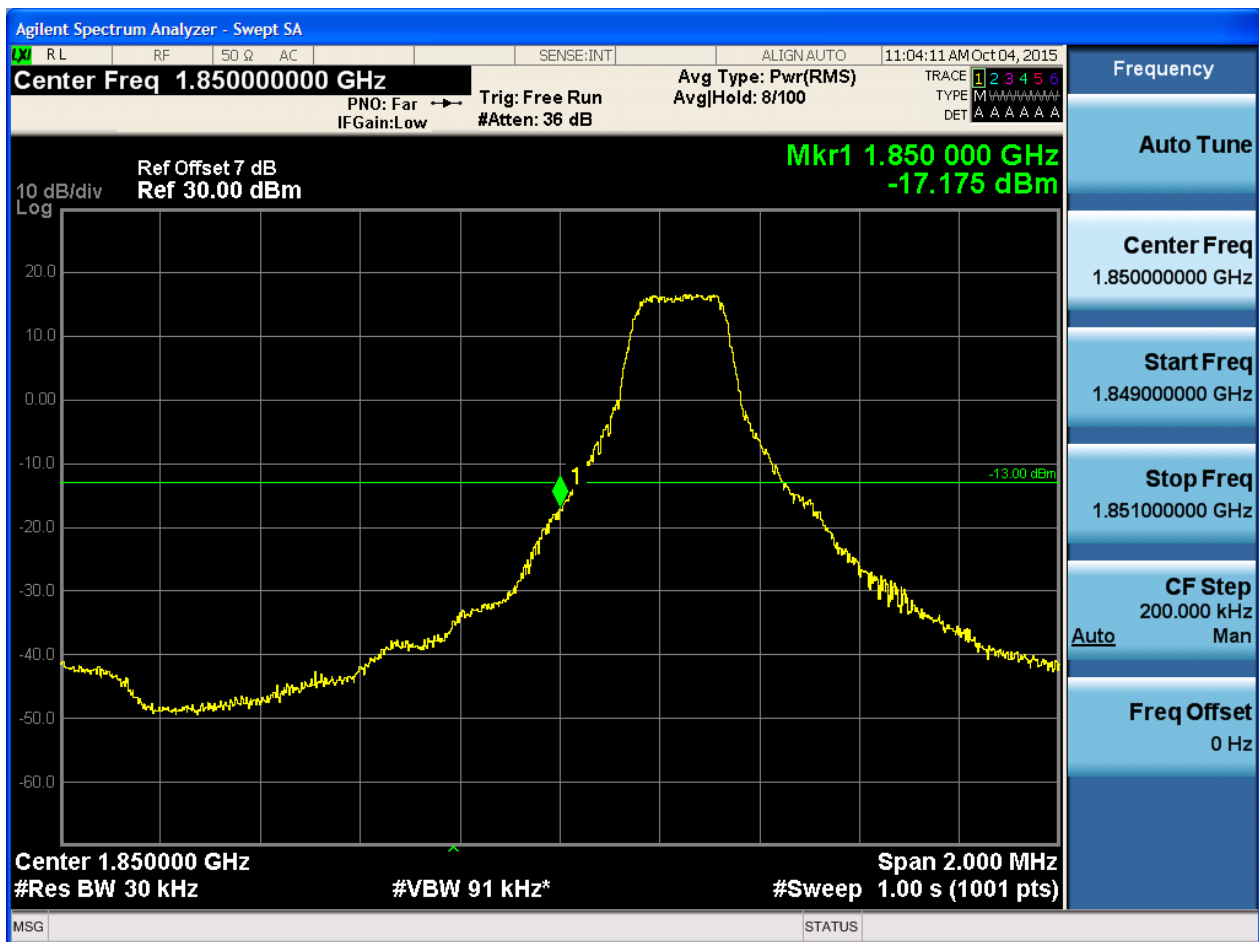
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

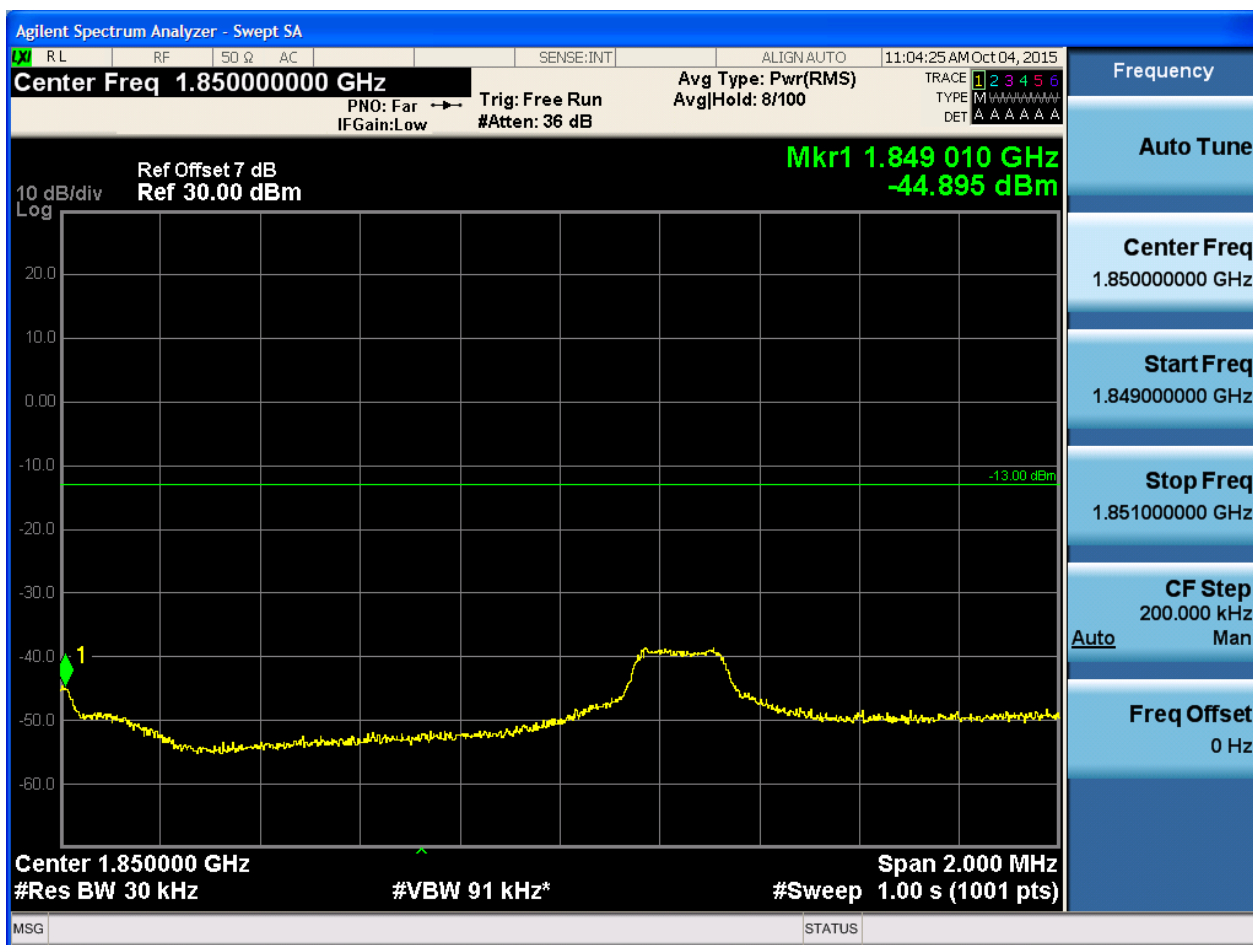
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



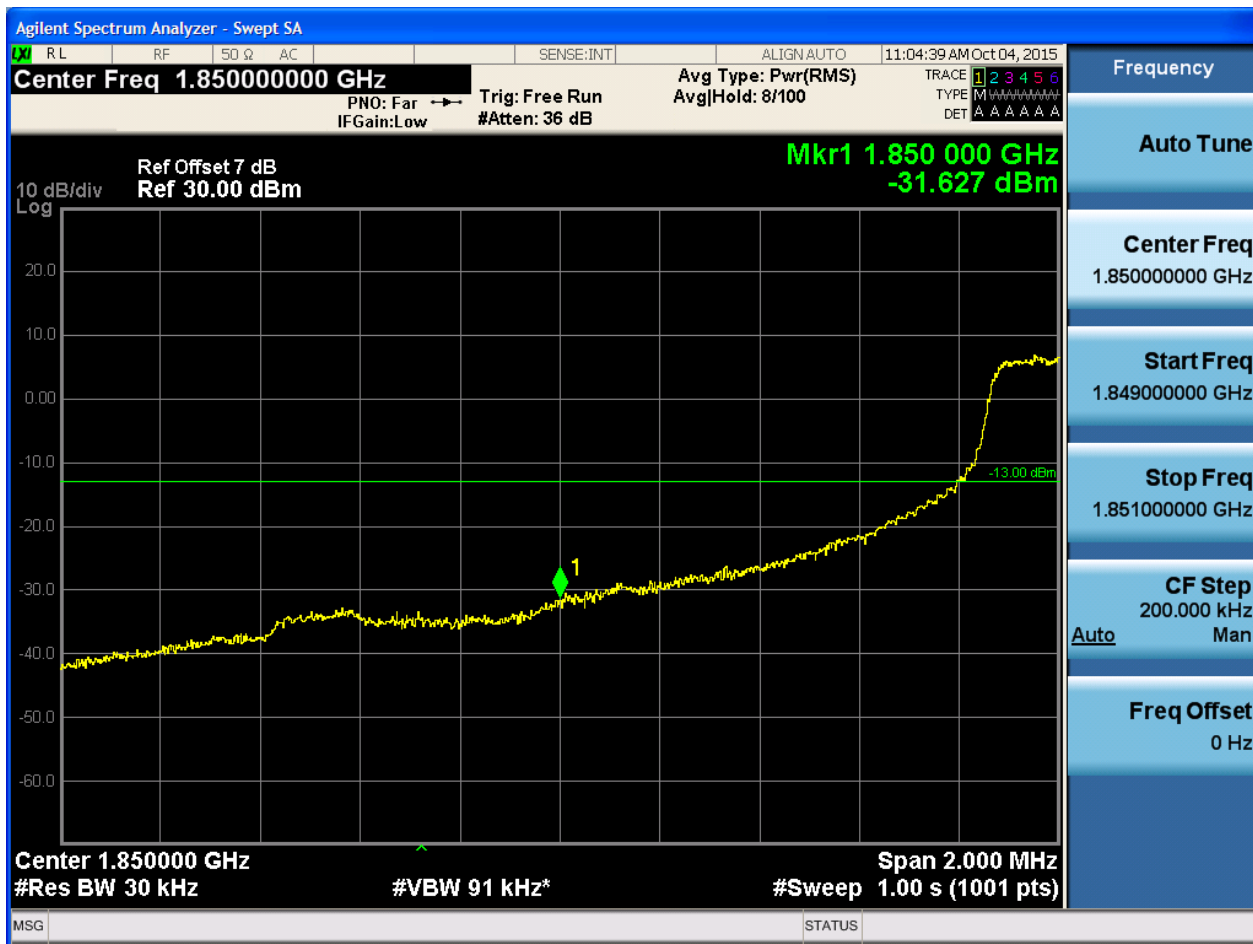


5.1.1.1.2.1.2 Test RB = RB1#14



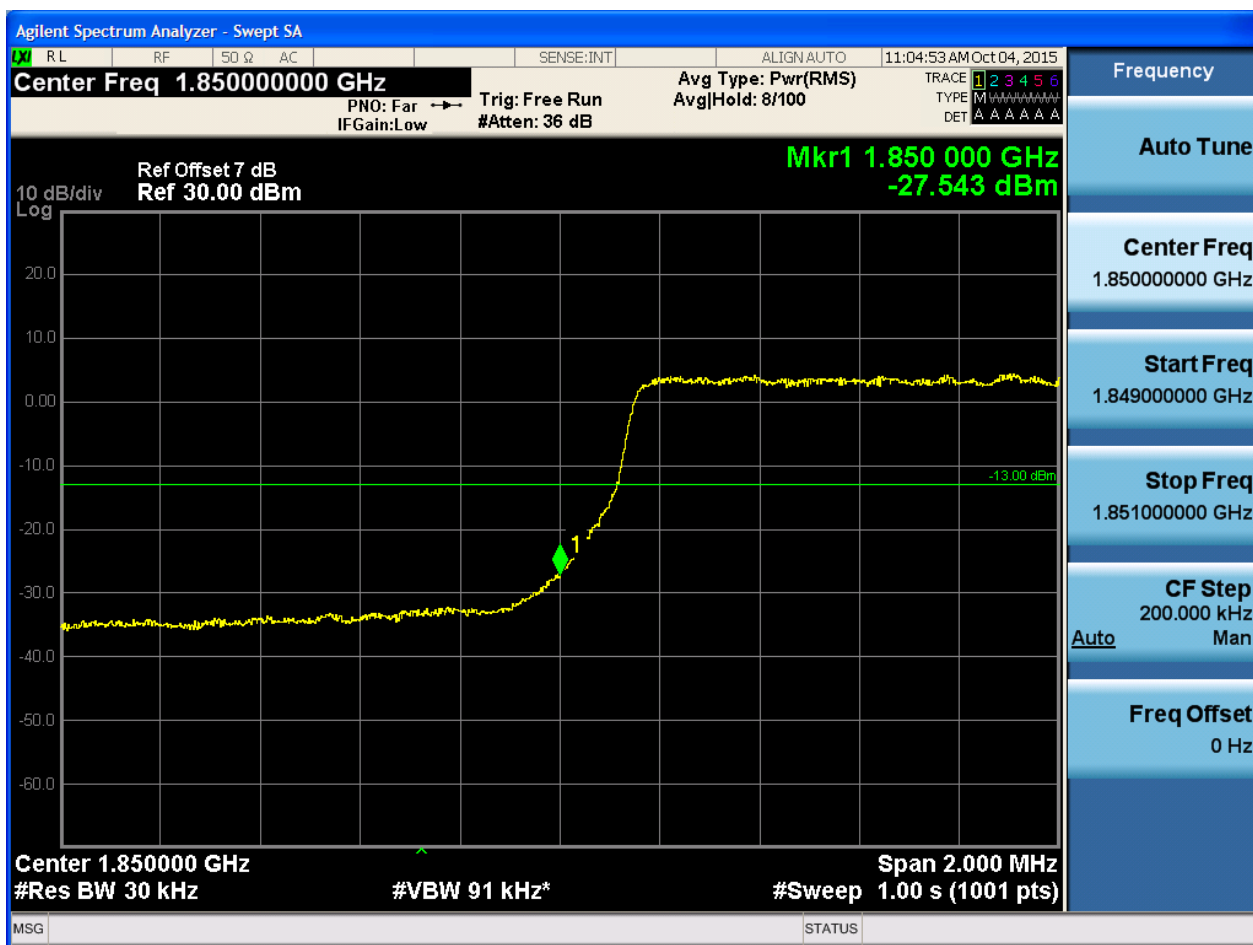


5.1.1.1.2.1.3 Test RB = RB8#4



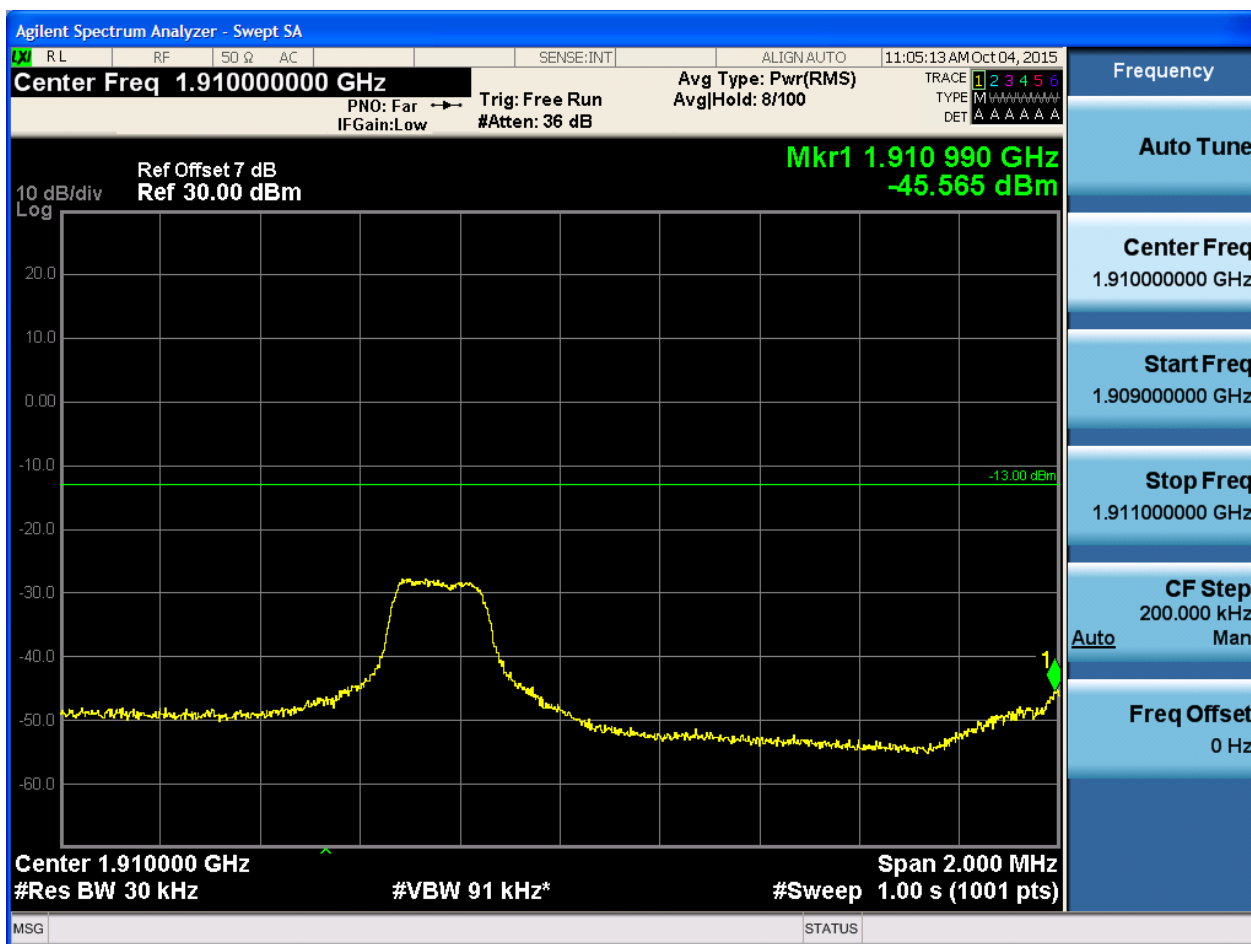


5.1.1.1.2.1.4 Test RB = RB15#0



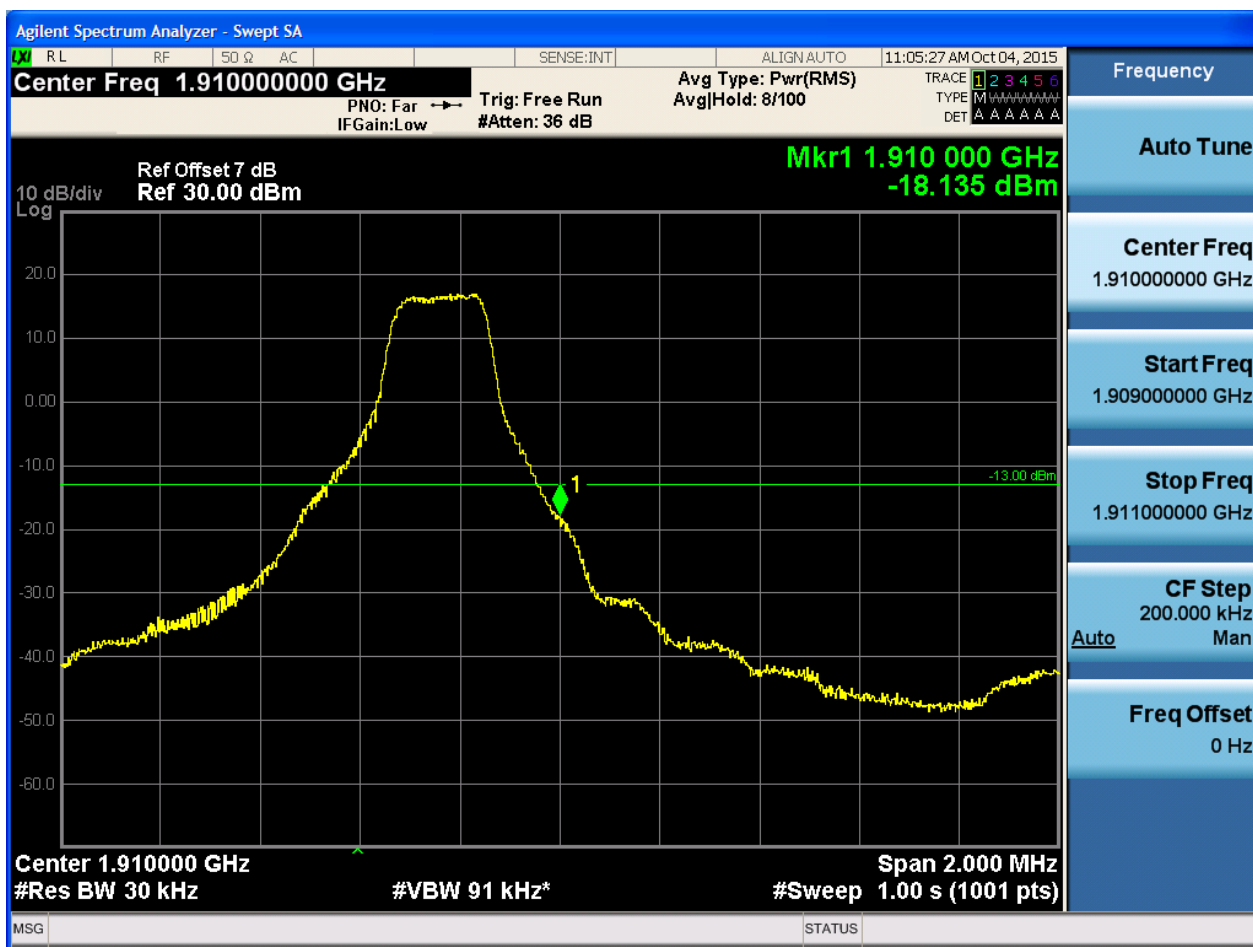
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



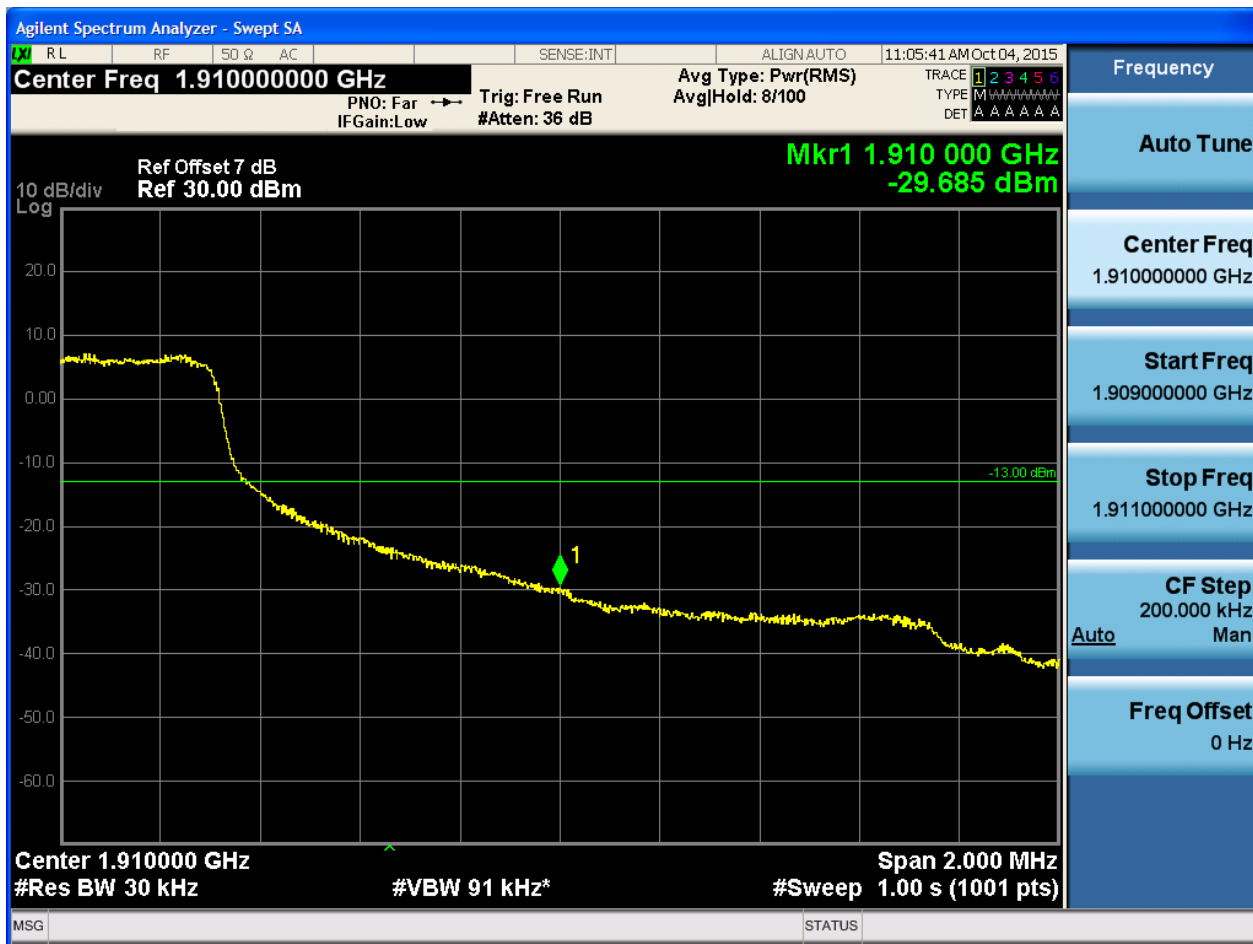


5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

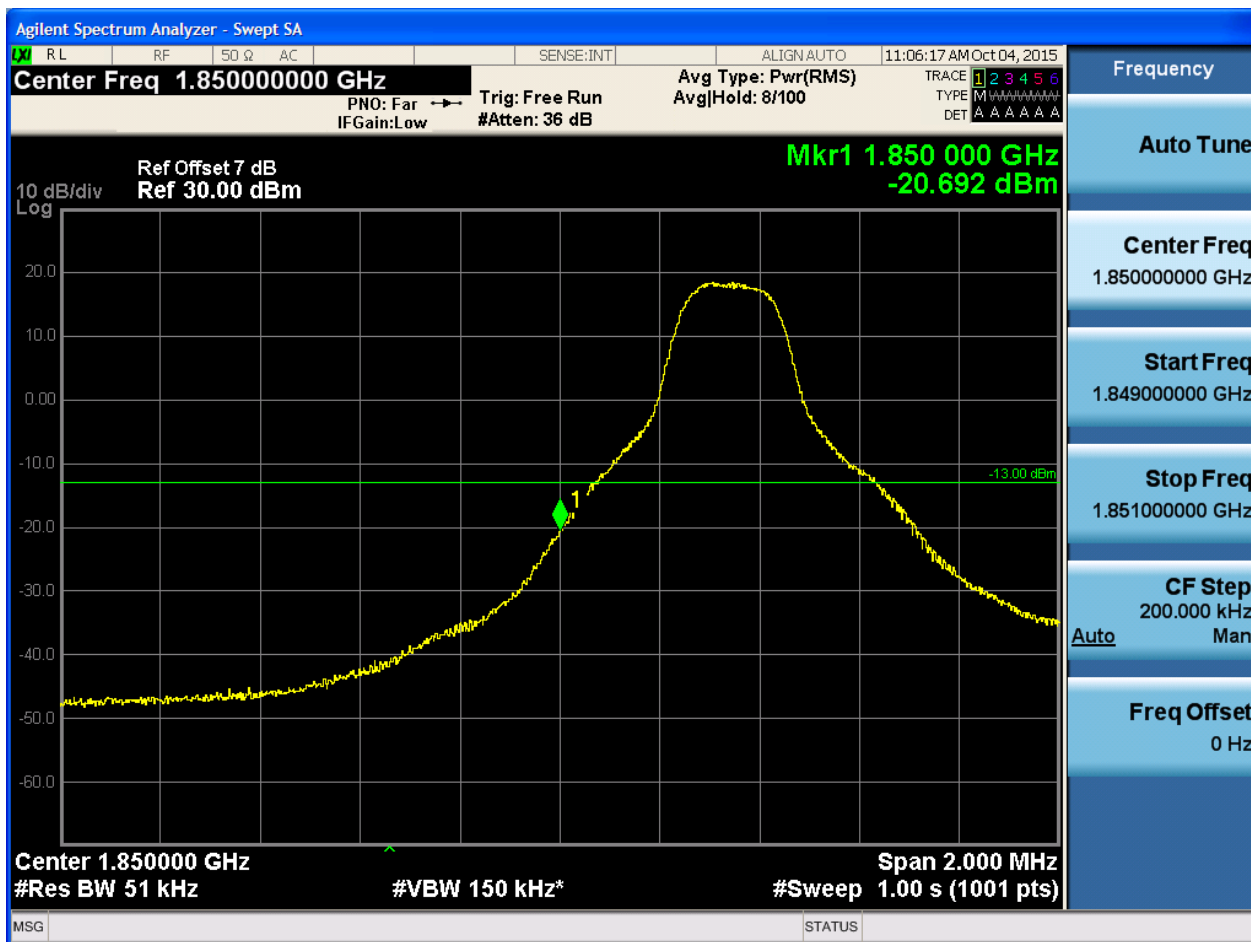




5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



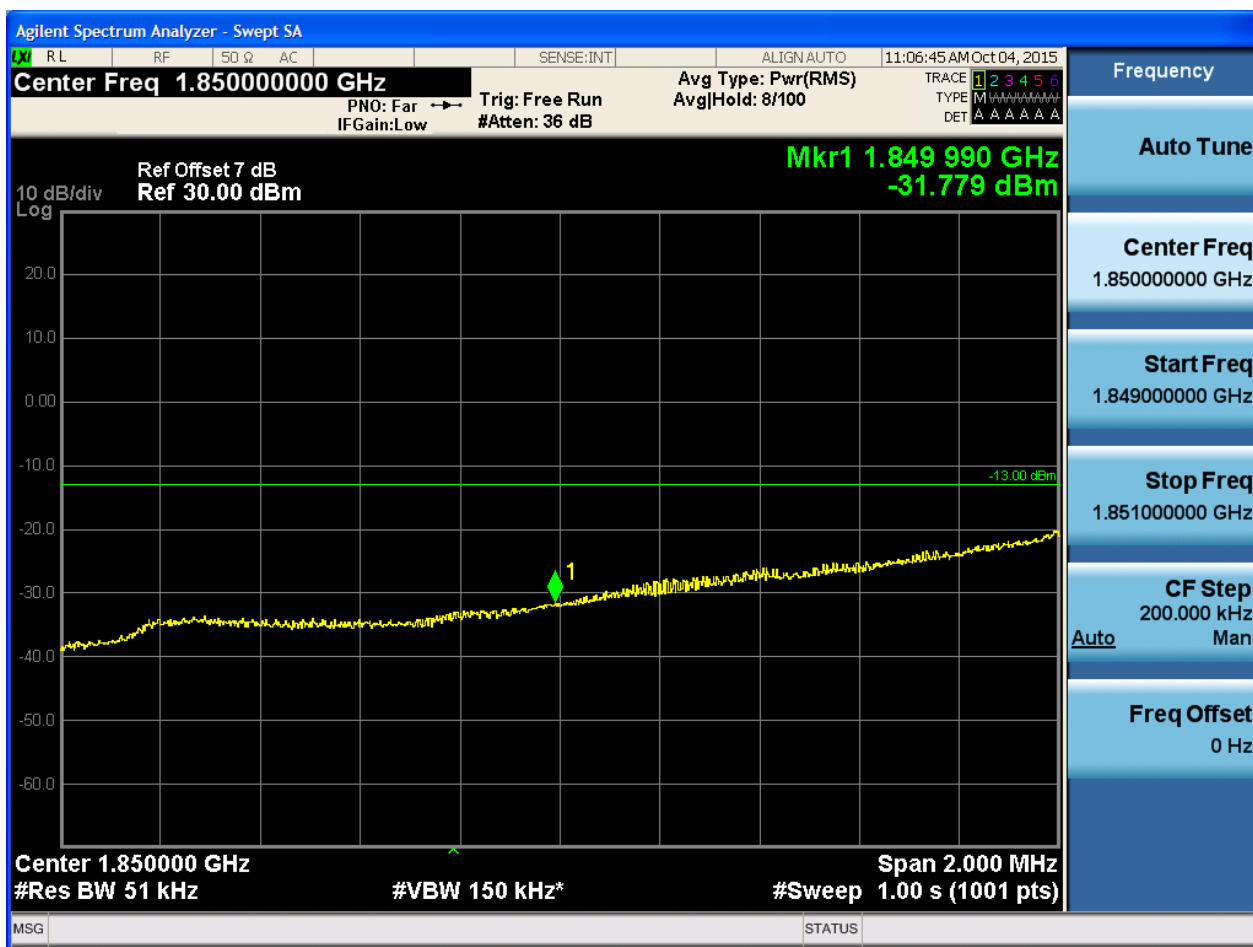


5.1.1.1.3.1.2 Test RB = RB1#24



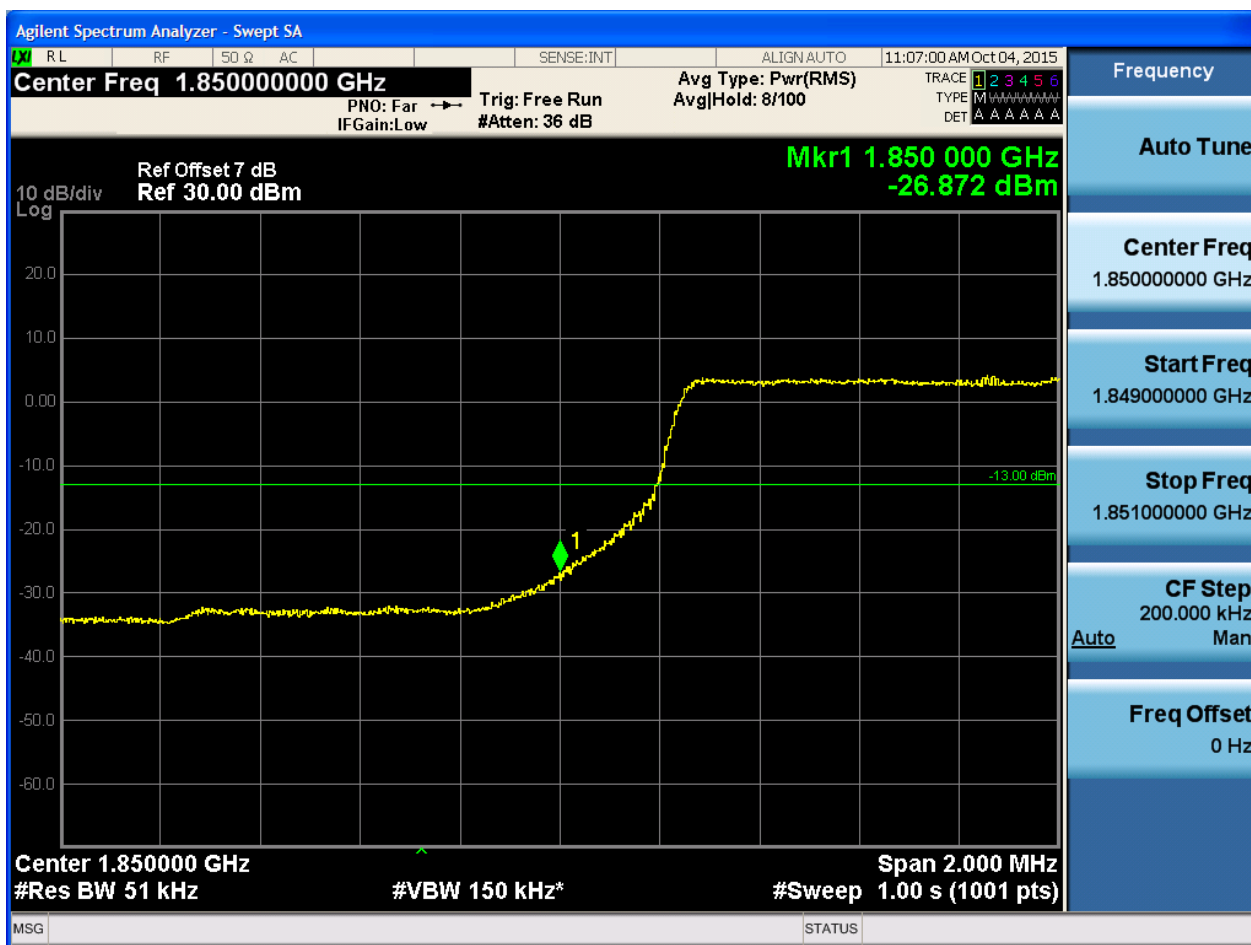


5.1.1.1.3.1.3 Test RB = RB12#6



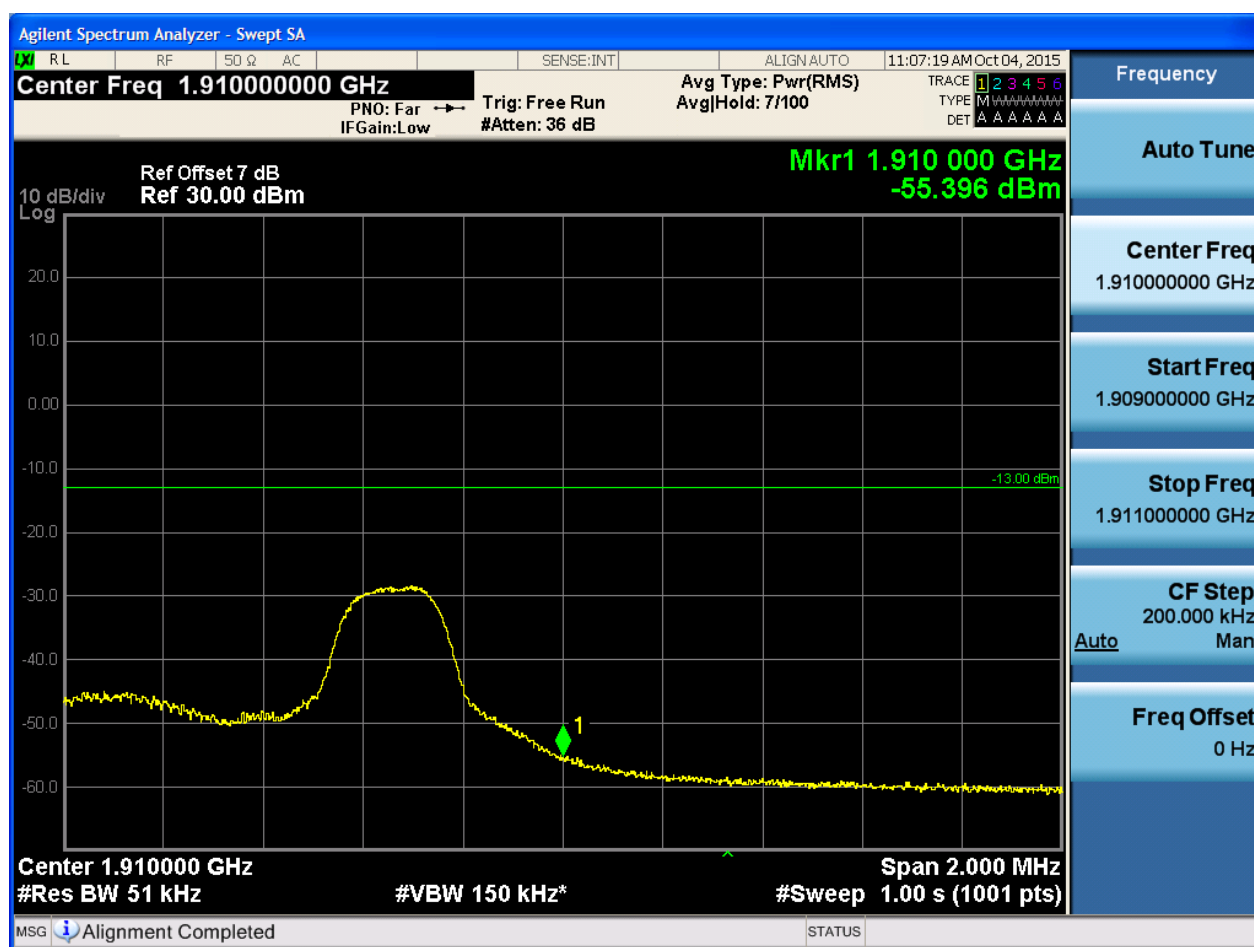


5.1.1.1.3.1.4 Test RB = RB25#0



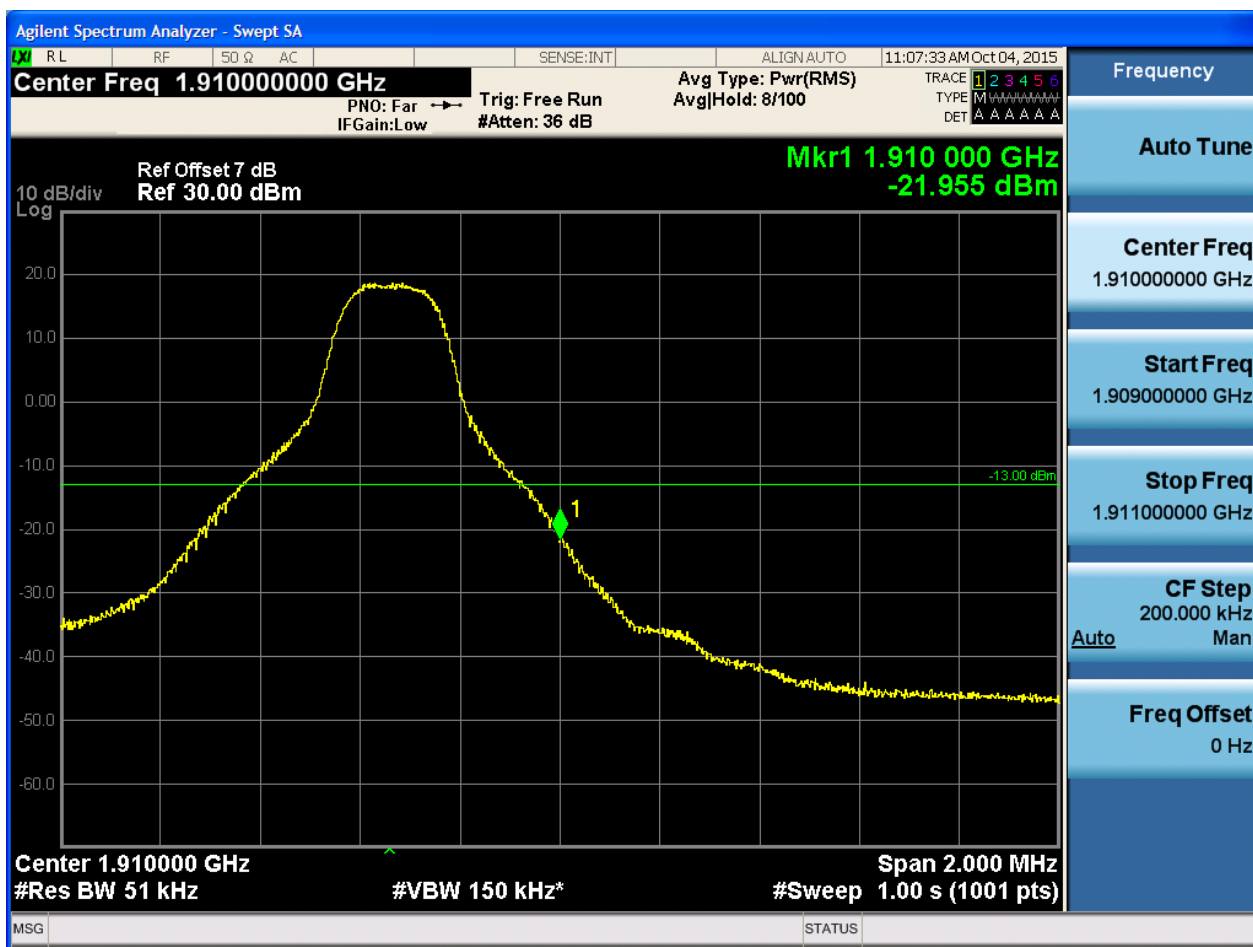
5.1.1.1.3.2 Test Channel = HCH

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

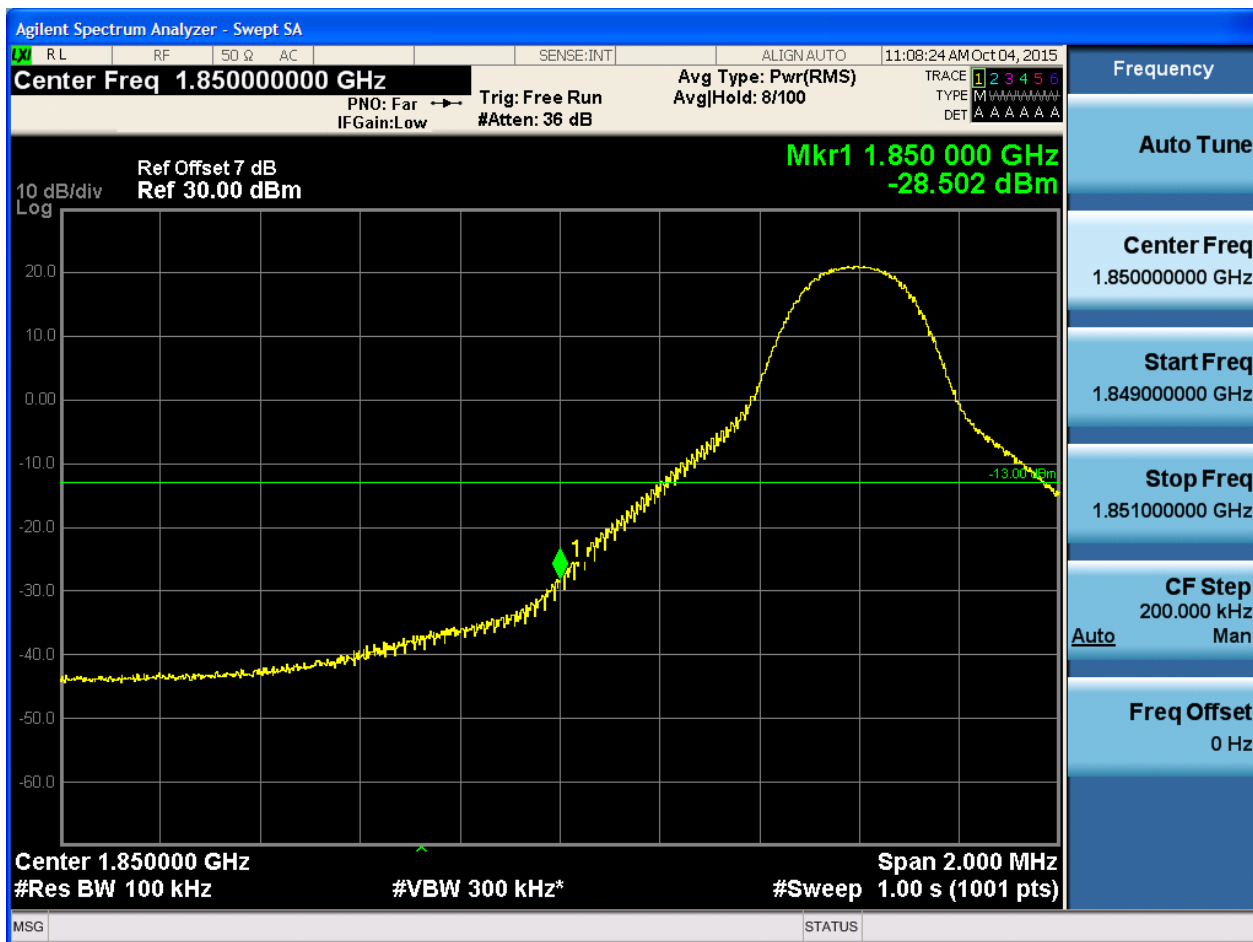




5.1.1.1.4 Test Bandwidth = 10

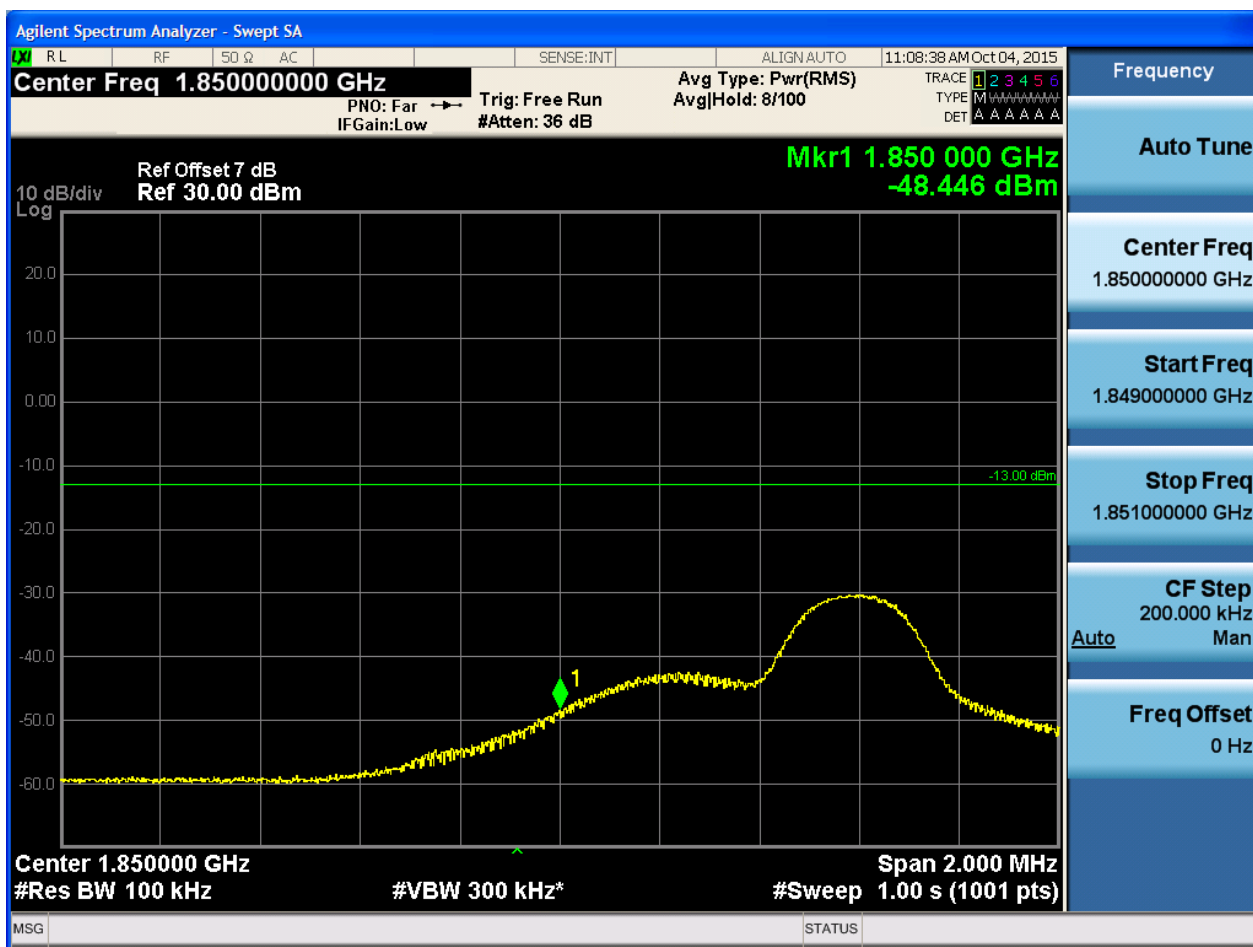
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



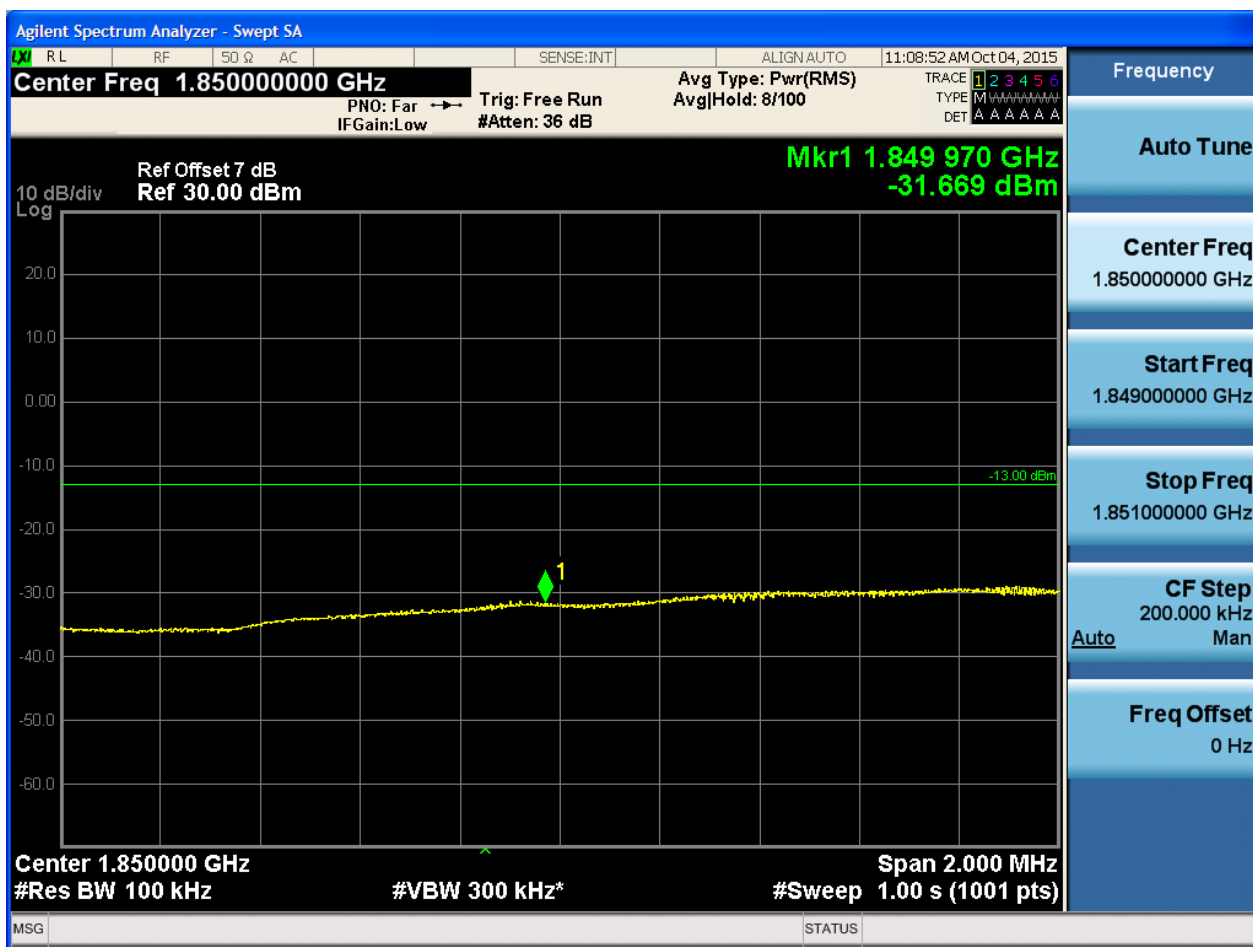


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13



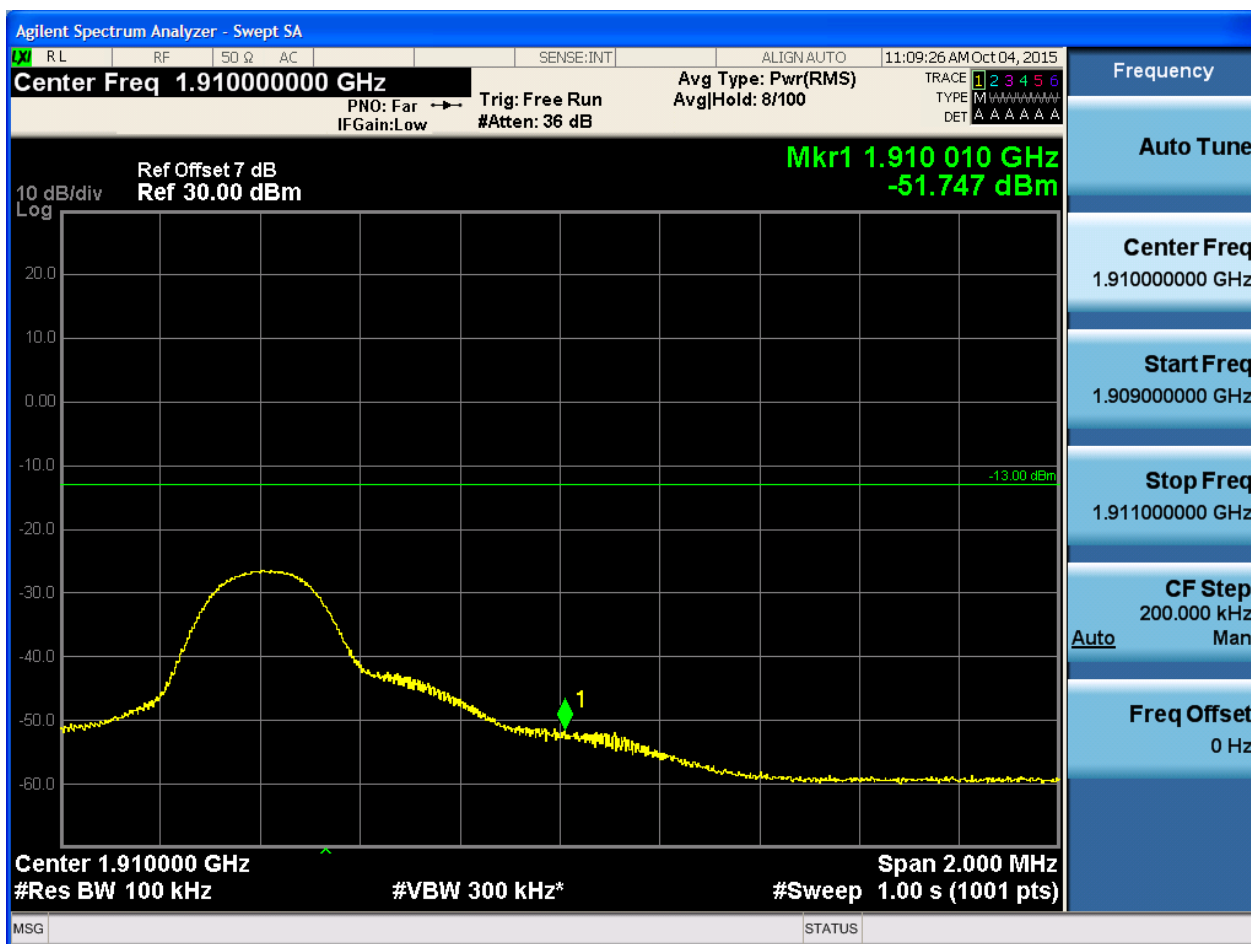


5.1.1.1.4.1.4 Test RB = RB50#0



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

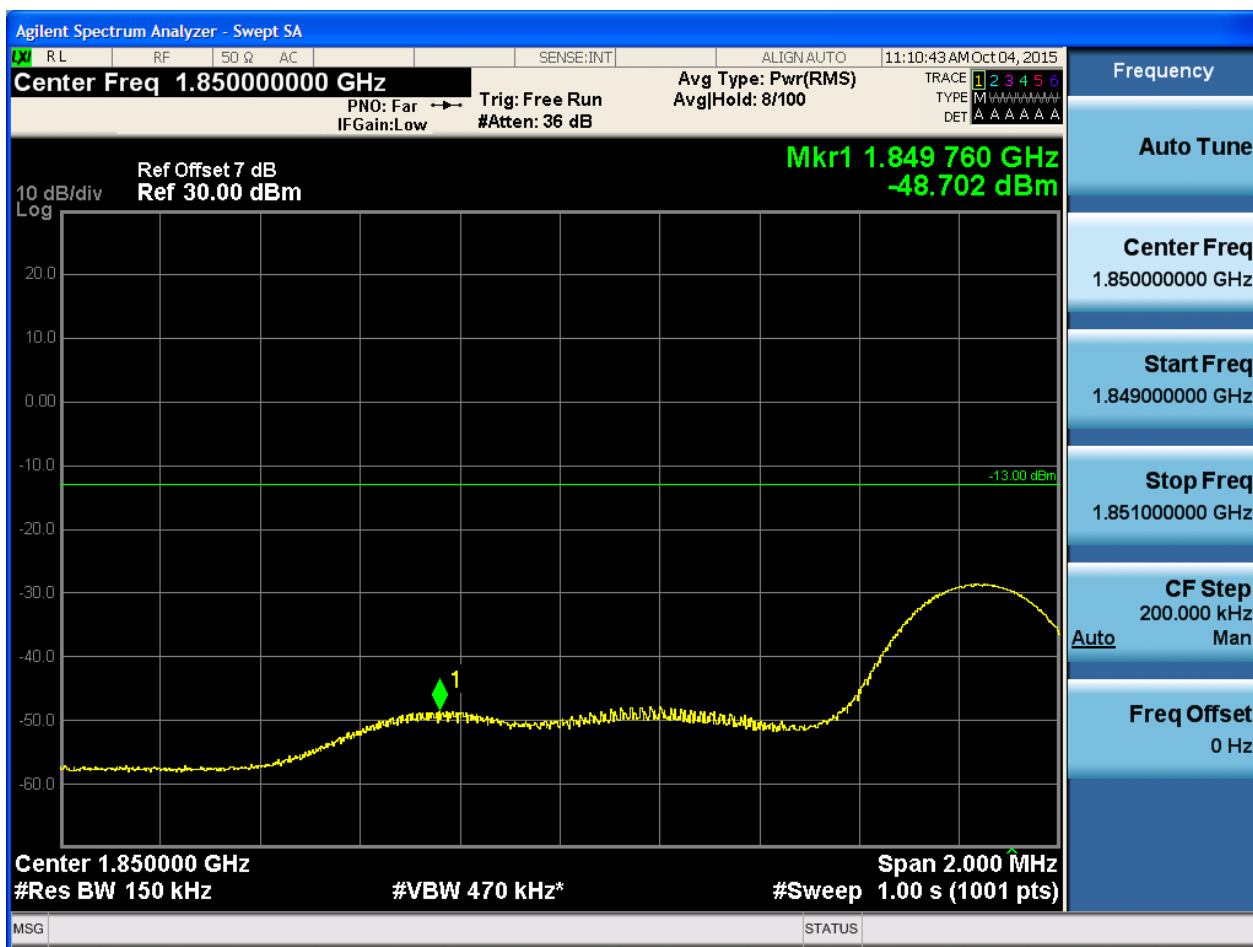
5.1.1.1.5.1 Test Channel = LCH

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





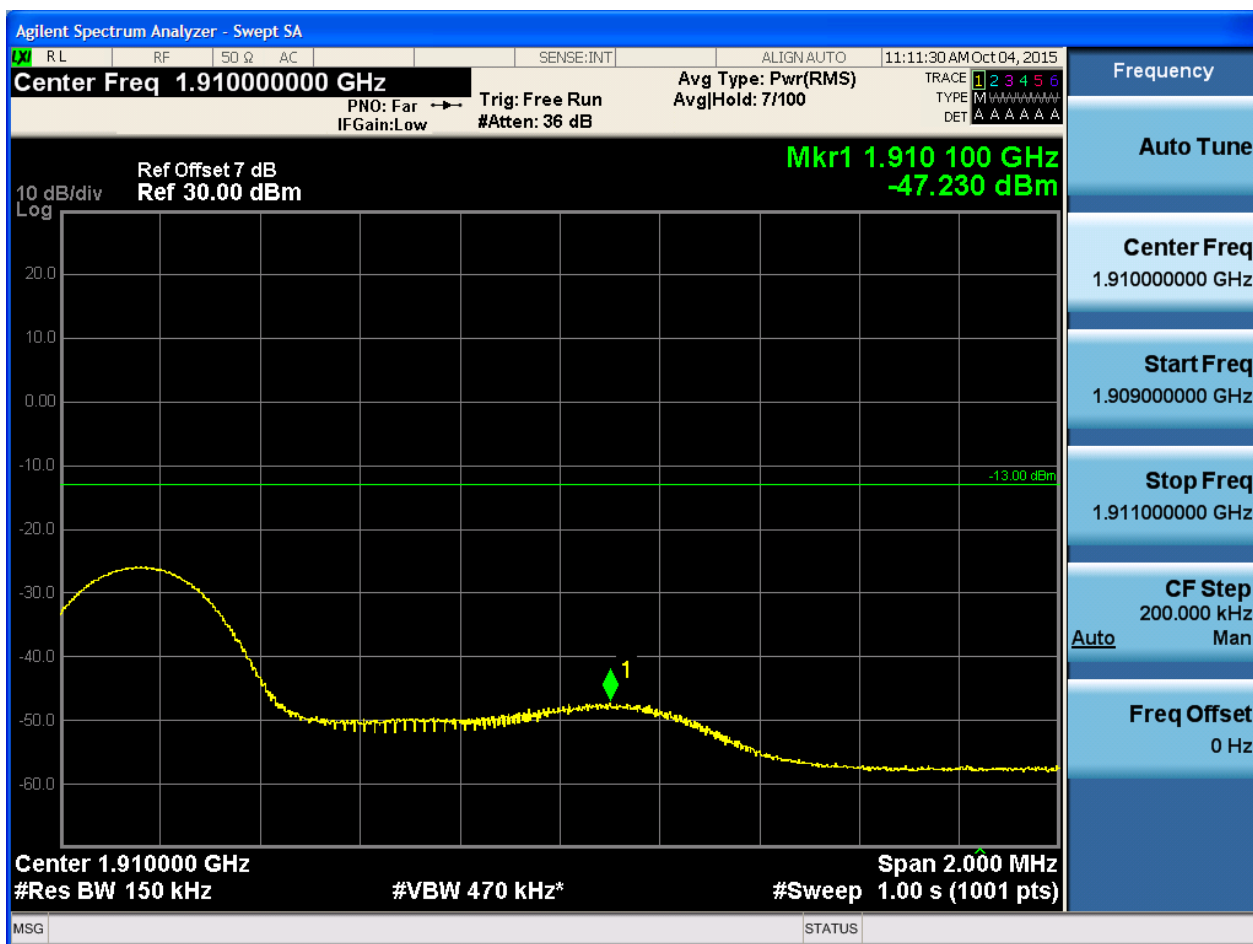
5.1.1.1.5.1.4 Test RB = RB75#0





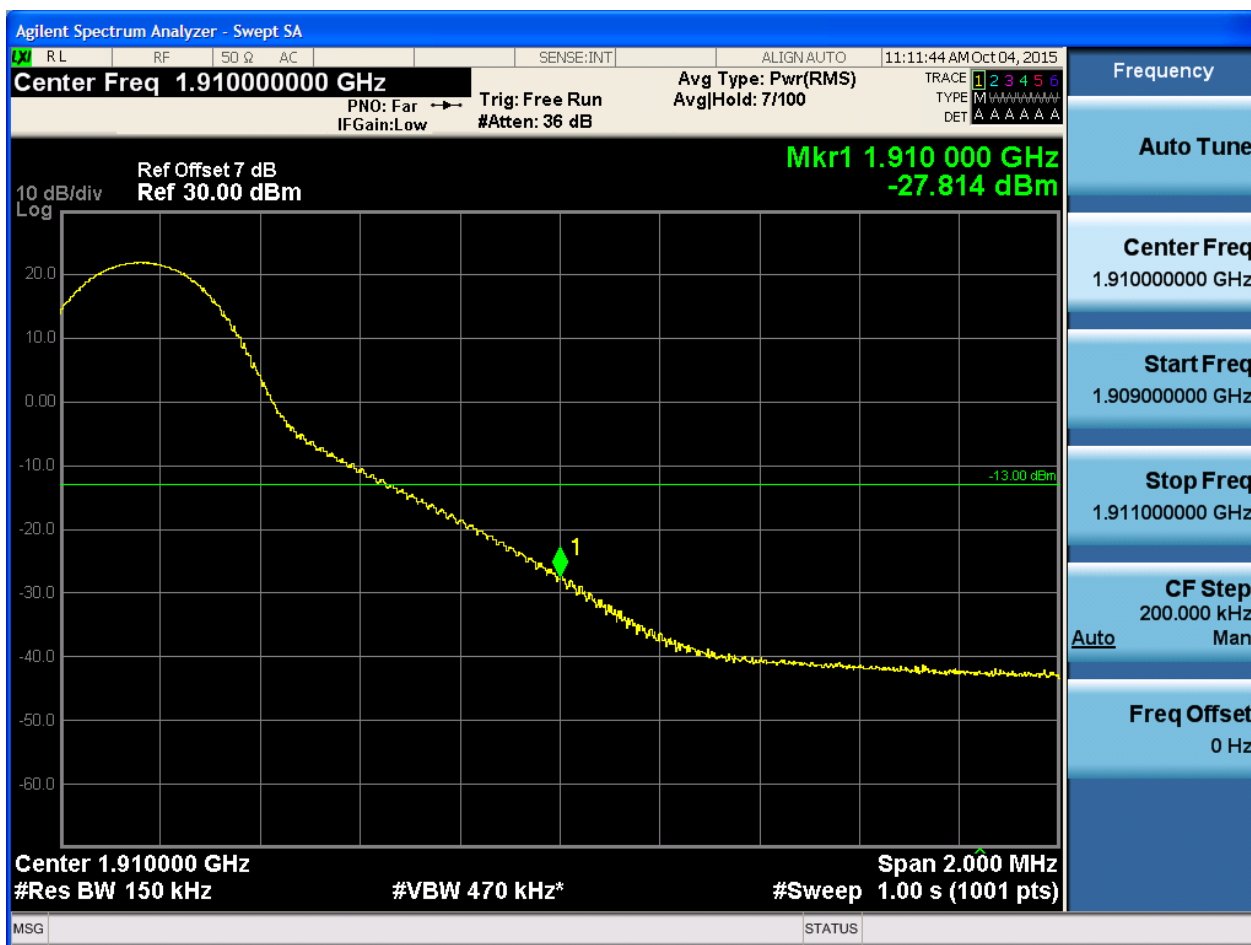
5.1.1.1.5.2 Test Channel = HCH

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





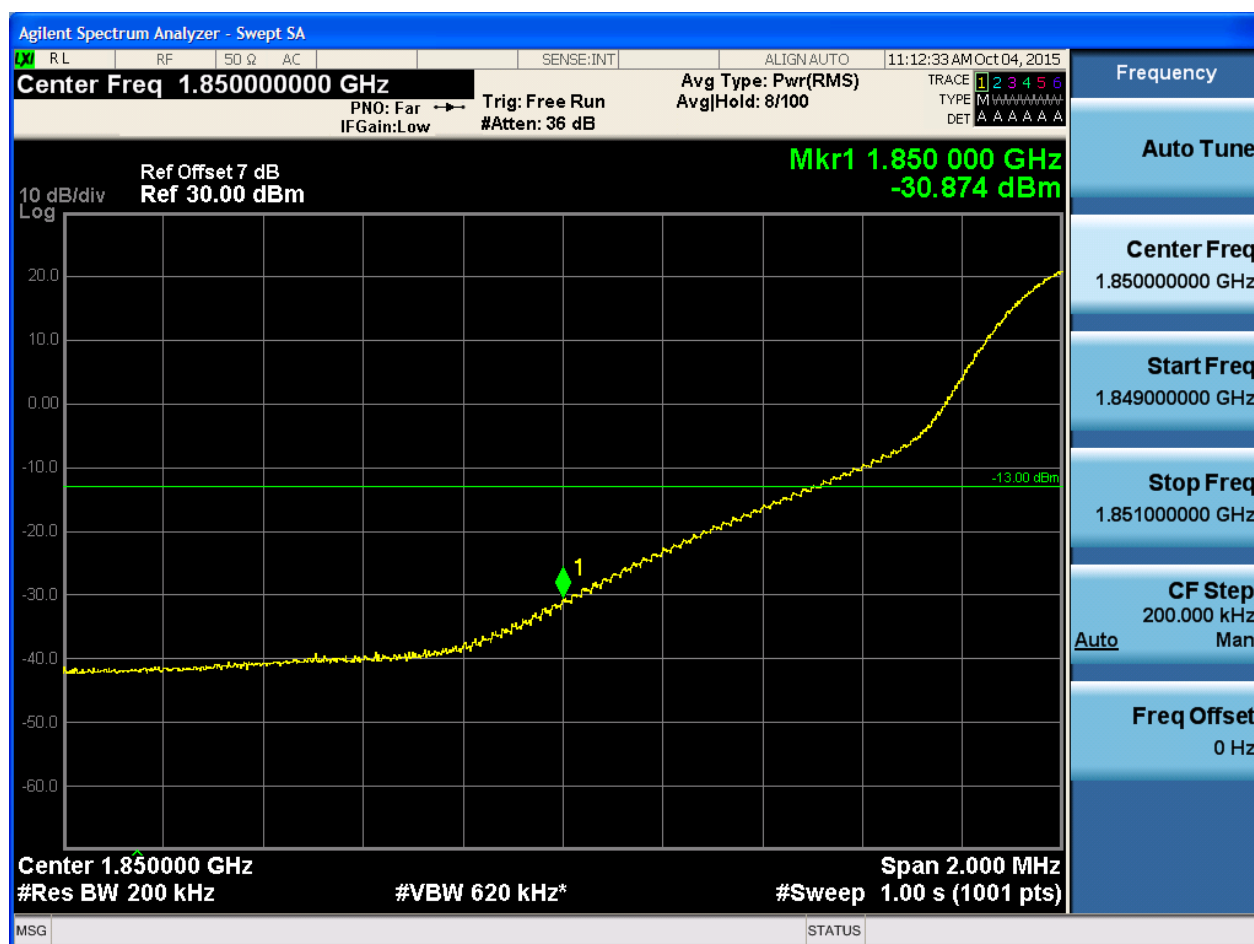
5.1.1.1.5.2.4 Test RB = RB75#0



5.1.1.1.6 Test Bandwidth = 20

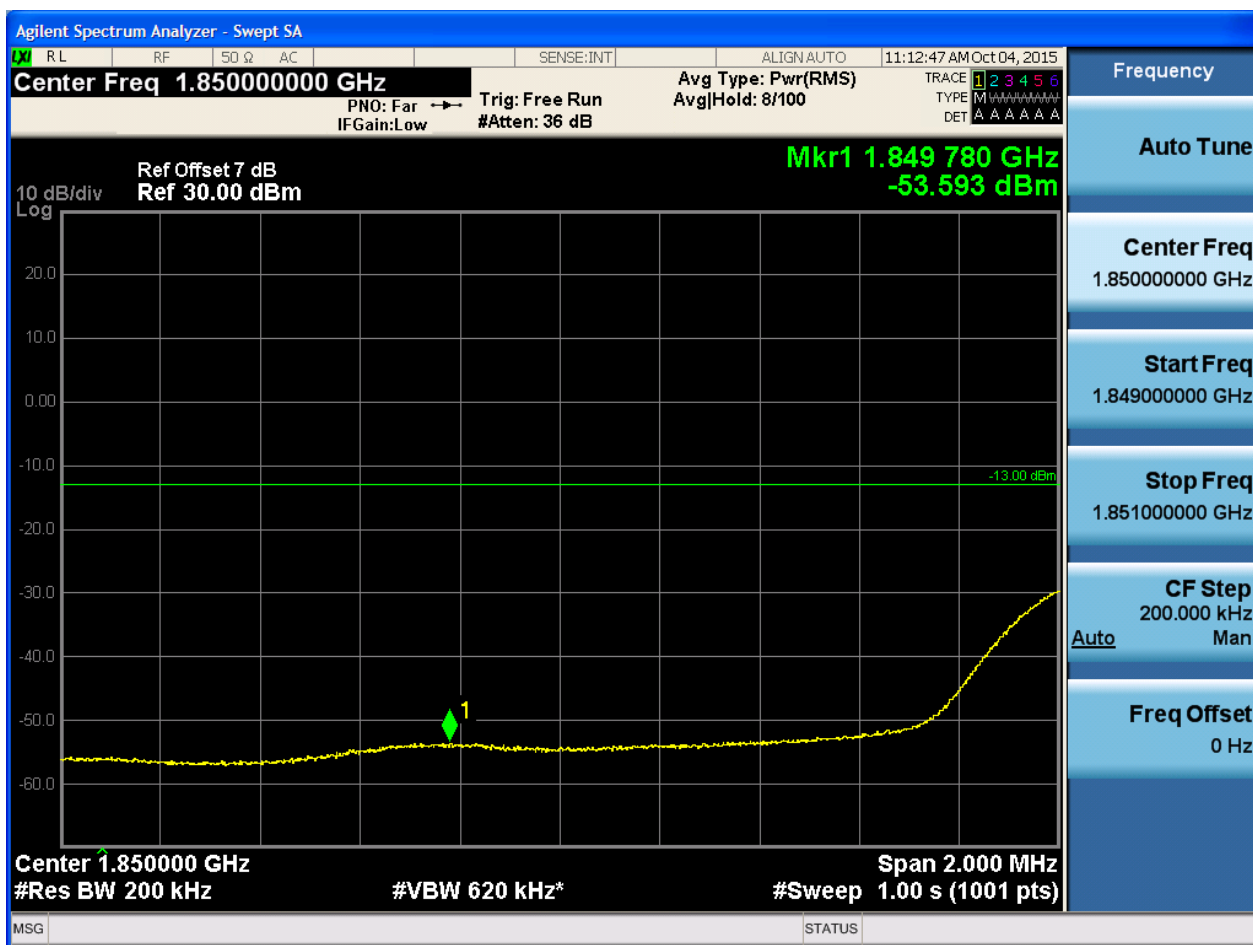
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0





5.1.1.1.6.1.2 Test RB = RB1#99



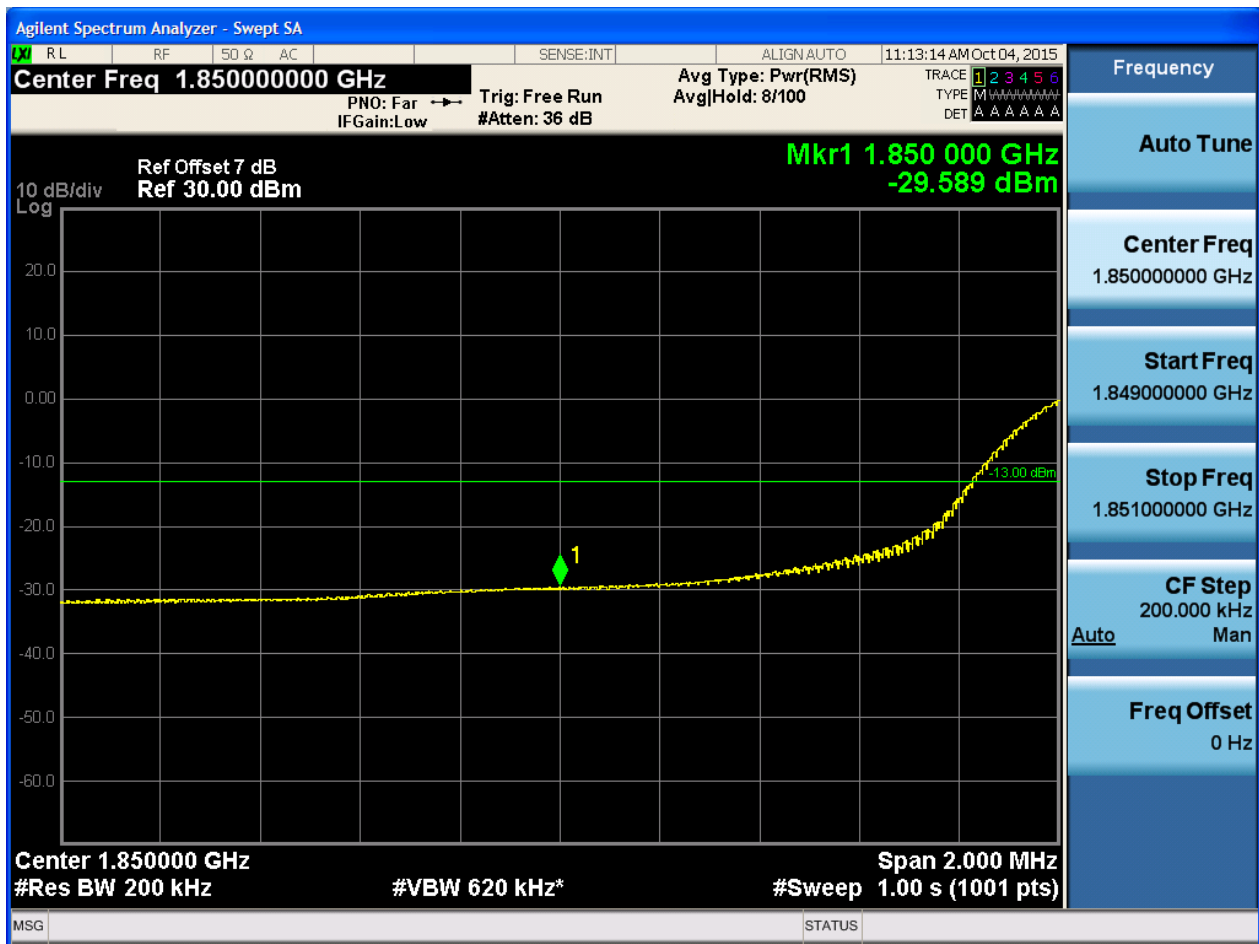


5.1.1.1.6.1.3 Test RB = RB50#25





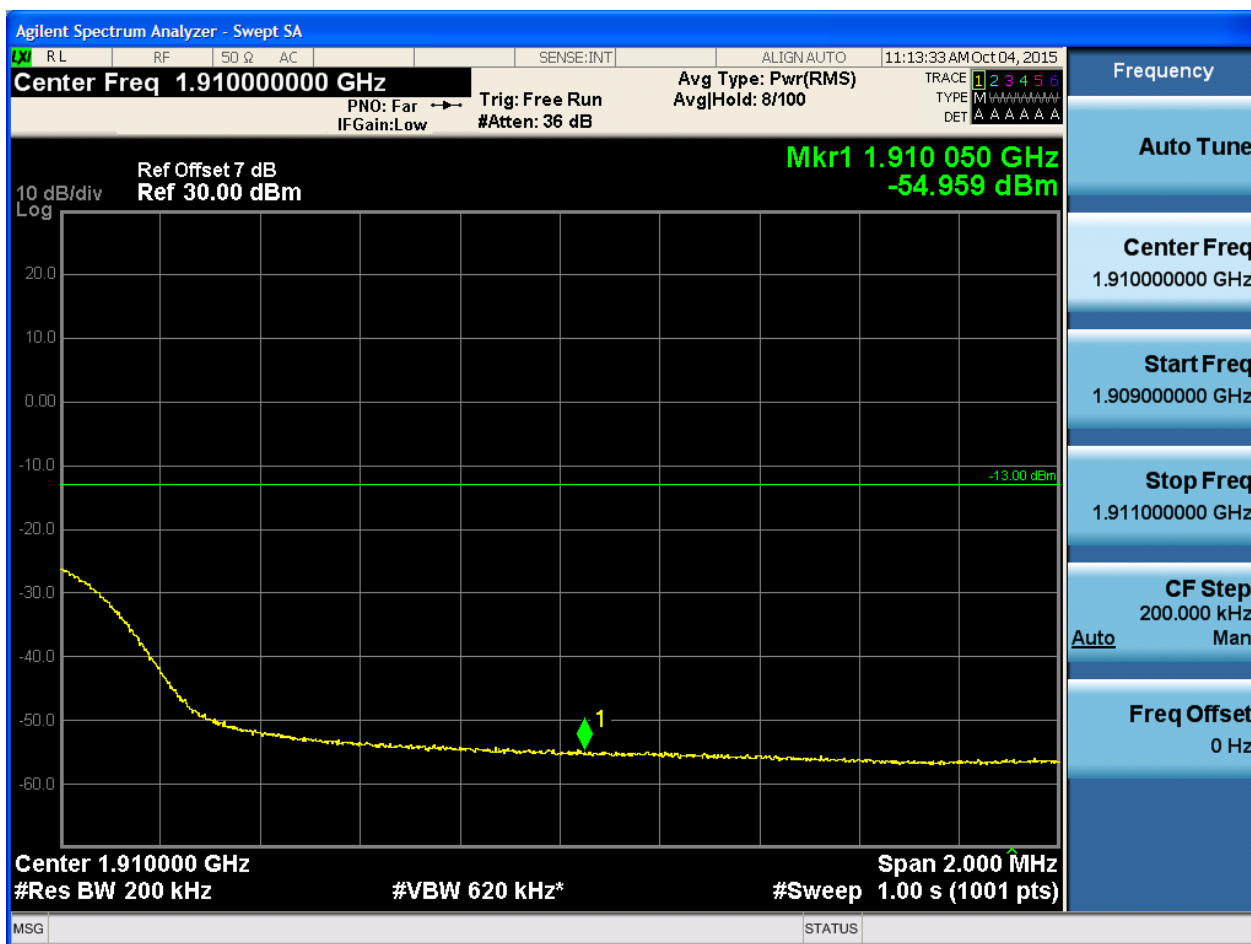
5.1.1.1.6.1.4 Test RB = RB100#0





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



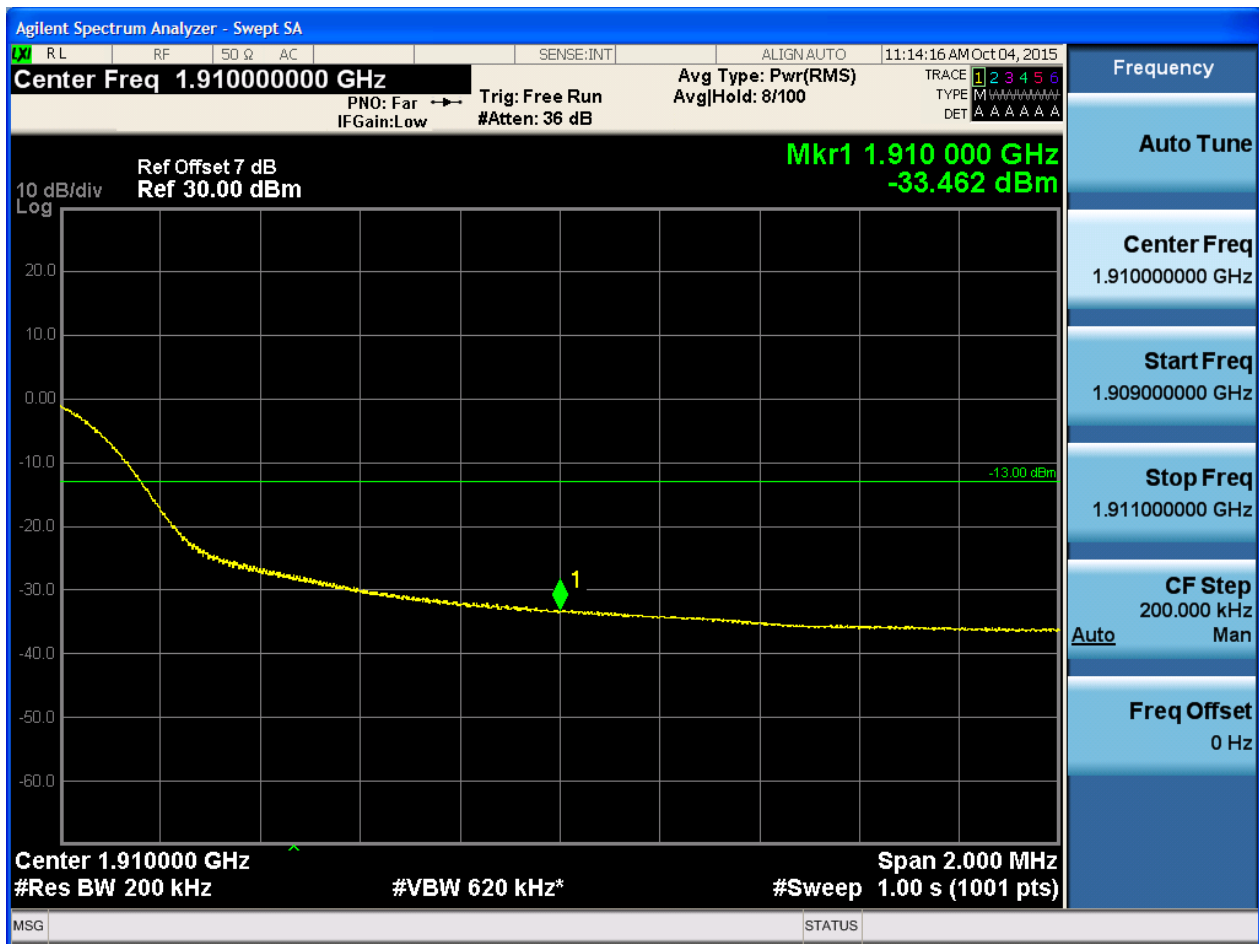


5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



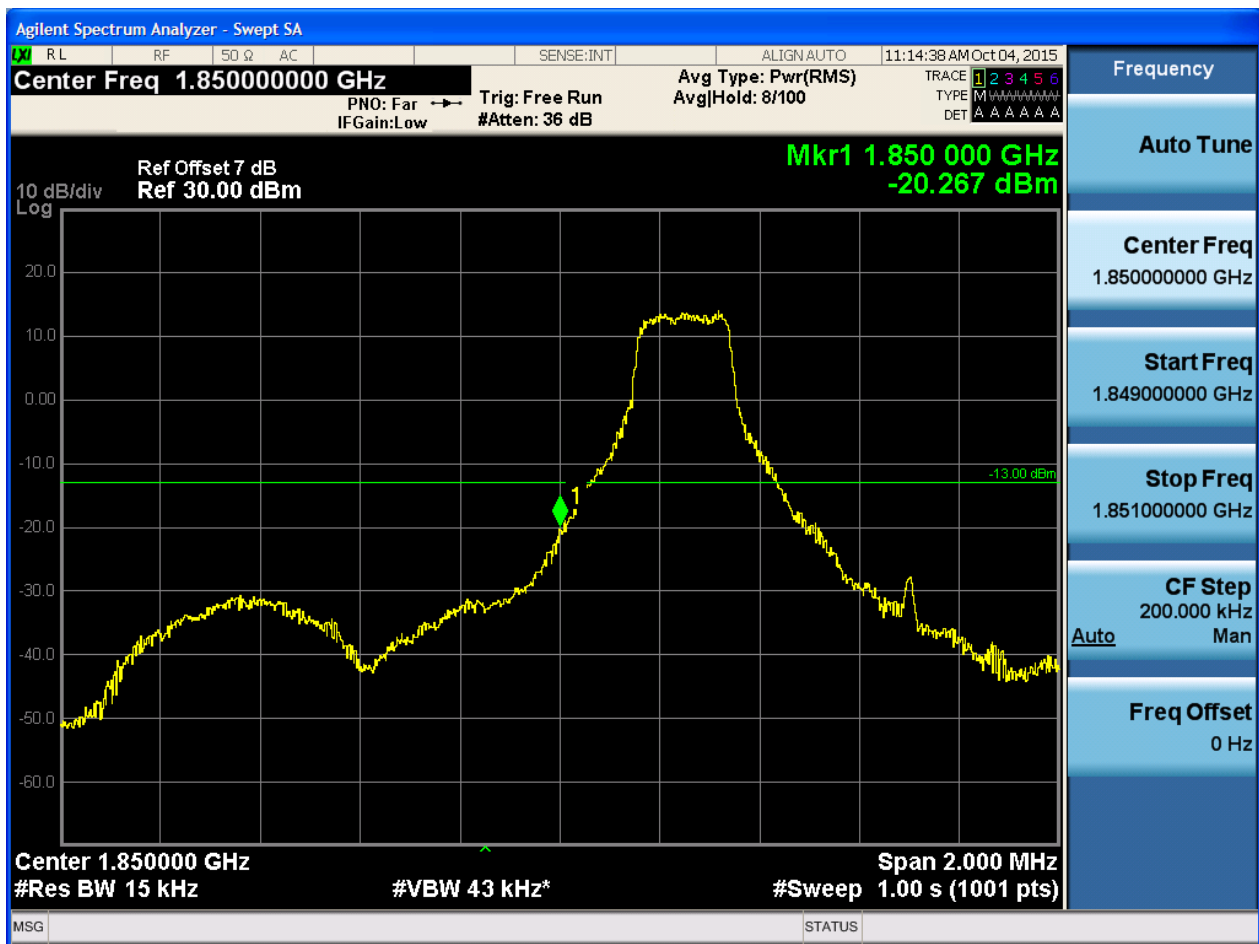


5.1.1.2 Test Mode = LTE/TM2

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





5.1.1.2.1.1.4 Test RB = RB6#0





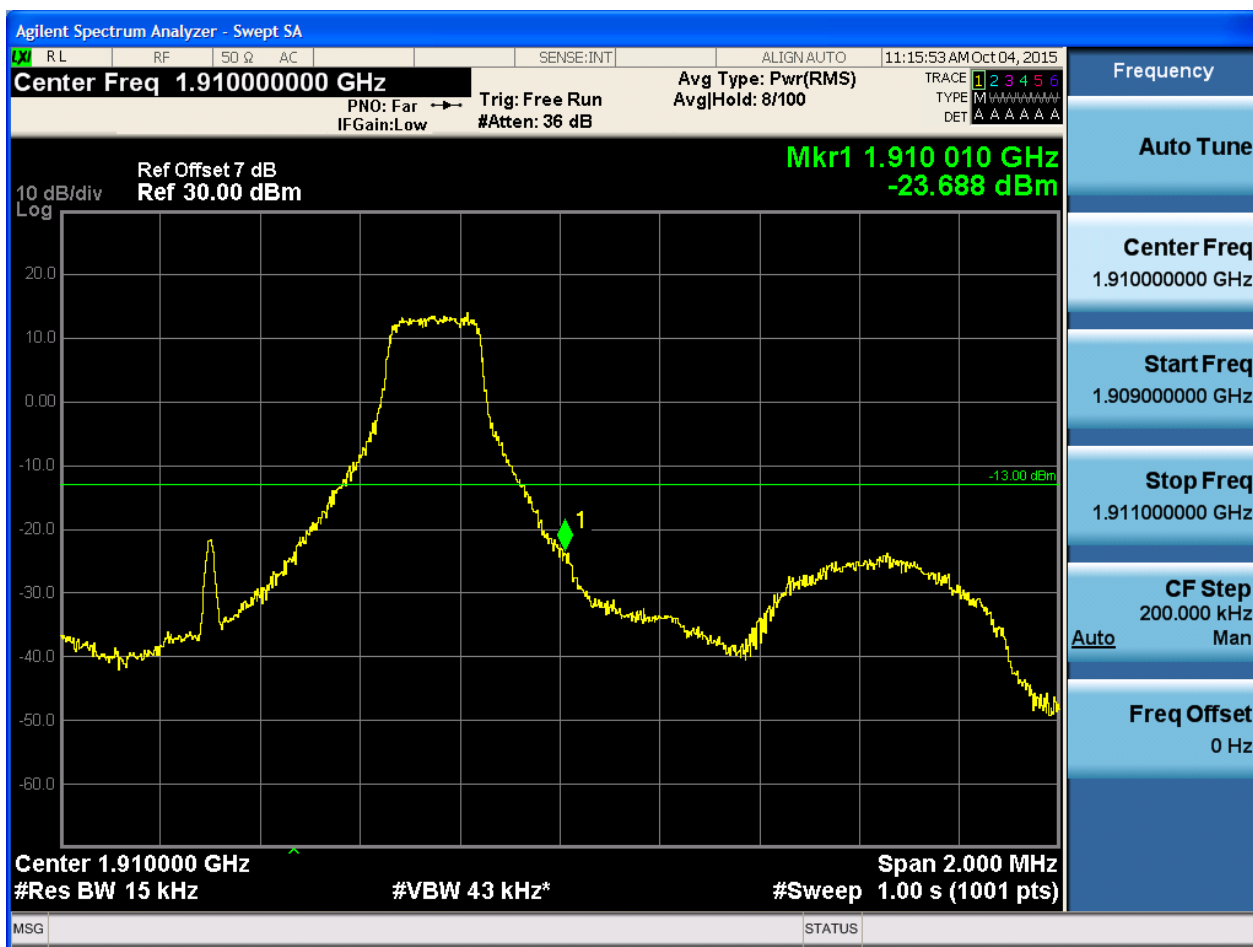
5.1.1.2.1.2 Test Channel = HCH

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





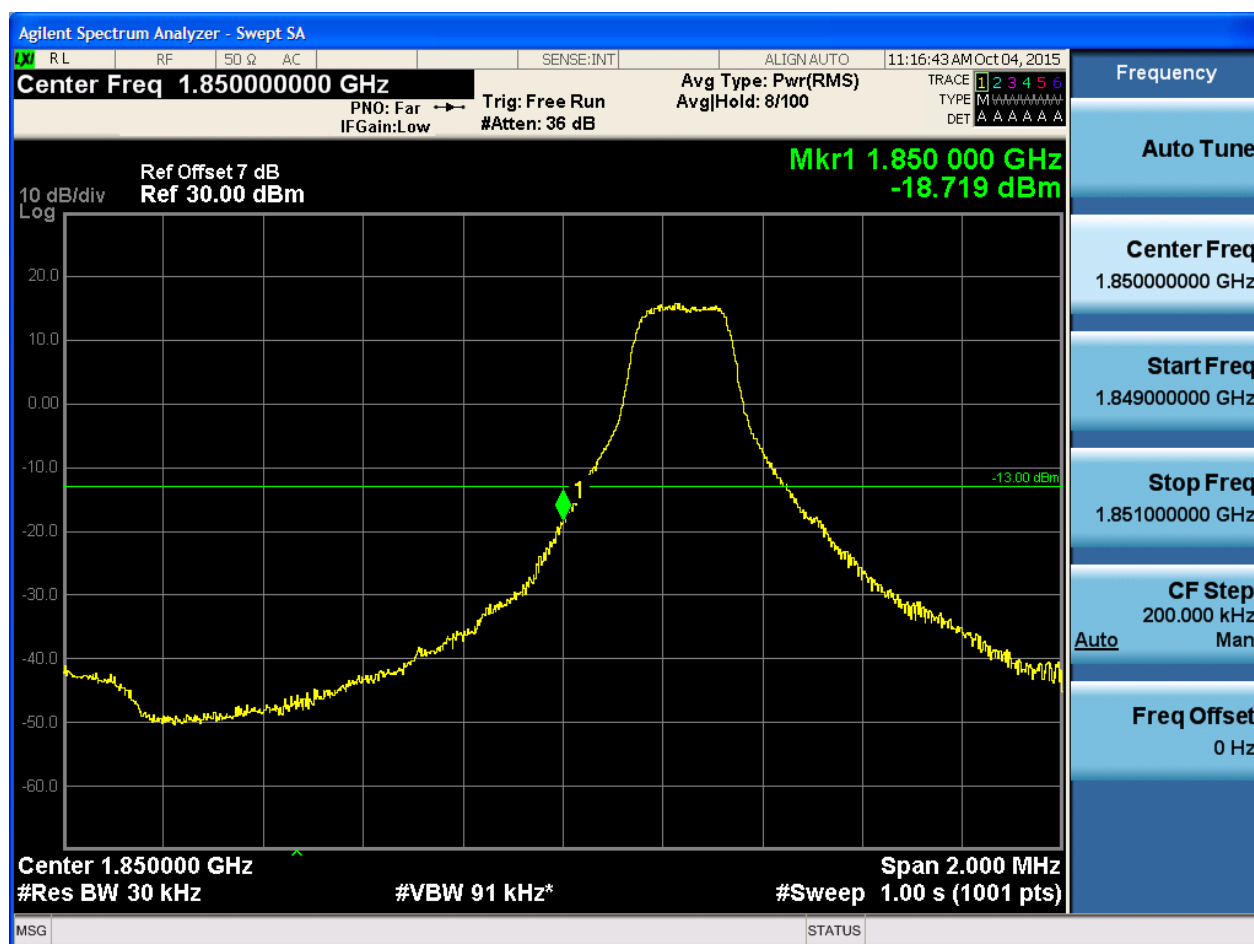
5.1.1.2.1.2.4 Test RB = RB6#0



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

