



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	21.6	21.19	33	PASS
				RB1#3	21.64	20.92	33	PASS
				RB1#5	21.6	20.84	33	PASS
				RB3#0	21.64	21.08	33	PASS
				RB3#2	21.65	21.19	33	PASS
				RB3#3	21.67	21.15	33	PASS
				RB6#0	20.55	20.08	33	PASS
			MCH	RB1#0	21.42	20.94	33	PASS
				RB1#3	21.44	20.70	33	PASS
				RB1#5	21.42	20.74	33	PASS
				RB3#0	21.52	21.07	33	PASS
				RB3#2	21.48	21.06	33	PASS
				RB3#3	21.53	20.84	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB6#0	20.33	19.76	33	PASS
			HCH	RB1#0	21.52	20.93	33	PASS
				RB1#3	21.59	21.20	33	PASS
				RB1#5	21.53	20.81	33	PASS
				RB3#0	21.53	20.98	33	PASS
				RB3#2	21.51	20.98	33	PASS
				RB3#3	21.53	21.07	33	PASS
				RB6#0	20.44	19.90	33	PASS
		3	LCH	RB1#0	21.46	20.93	33	PASS
				RB1#7	21.55	21.15	33	PASS
				RB1#14	21.51	20.87	33	PASS
				RB8#0	20.6	19.90	33	PASS
				RB8#4	20.59	20.00	33	PASS
				RB8#7	20.59	20.20	33	PASS
				RB15#0	20.58	20.16	33	PASS
			MCH	RB1#0	21.33	20.67	33	PASS
				RB1#7	21.35	20.82	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#14	21.32	20.58	33	PASS
				RB8#0	20.45	20.02	33	PASS
				RB8#4	20.44	19.84	33	PASS
				RB8#7	20.4	19.80	33	PASS
				RB15#0	20.44	19.99	33	PASS
			HCH	RB1#0	21.37	20.85	33	PASS
				RB1#7	21.45	20.74	33	PASS
				RB1#14	21.44	20.96	33	PASS
				RB8#0	20.5	19.91	33	PASS
				RB8#4	20.51	20.13	33	PASS
				RB8#7	20.51	20.11	33	PASS
				RB15#0	20.48	19.88	33	PASS
		5	LCH	RB1#0	21.7	21.11	33	PASS
				RB1#13	21.69	21.32	33	PASS
				RB1#24	21.69	21.25	33	PASS
				RB12#0	20.62	20.25	33	PASS
				RB12#6	20.6	20.09	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#13	20.6	19.91	33	PASS
				RB25#0	20.56	20.14	33	PASS
			MCH	RB1#0	21.54	20.88	33	PASS
				RB1#13	21.52	20.87	33	PASS
				RB1#24	21.52	21.03	33	PASS
				RB12#0	20.48	19.90	33	PASS
				RB12#6	20.46	19.73	33	PASS
				RB12#13	20.47	19.74	33	PASS
				RB25#0	20.42	19.93	33	PASS
			HCH	RB1#0	21.51	20.97	33	PASS
				RB1#13	21.57	21.05	33	PASS
				RB1#24	21.61	20.95	33	PASS
				RB12#0	20.49	20.11	33	PASS
				RB12#6	20.49	19.94	33	PASS
				RB12#13	20.52	19.95	33	PASS
				RB25#0	20.47	19.71	33	PASS
		10	LCH	RB1#0	21.55	21.11	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	21.57	21.04	33	PASS
				RB1#49	21.57	21.18	33	PASS
				RB25#0	20.56	20.10	33	PASS
				RB25#13	20.52	20.07	33	PASS
				RB25#25	20.54	19.97	33	PASS
				RB50#0	20.57	20.18	33	PASS
			MCH	RB1#0	21.44	20.87	33	PASS
				RB1#25	21.41	20.93	33	PASS
				RB1#49	21.41	20.91	33	PASS
				RB25#0	20.46	19.71	33	PASS
				RB25#13	20.41	20.02	33	PASS
				RB25#25	20.45	19.88	33	PASS
				RB50#0	20.45	19.92	33	PASS
			HCH	RB1#0	21.36	20.95	33	PASS
				RB1#25	21.44	20.85	33	PASS
				RB1#49	21.49	20.83	33	PASS
				RB25#0	20.4	19.70	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#13	20.44	19.81	33	PASS
				RB25#25	20.45	20.07	33	PASS
				RB50#0	20.46	19.80	33	PASS
		15	LCH	RB1#0	21.62	21.12	33	PASS
				RB1#38	21.58	21.09	33	PASS
				RB1#74	21.55	20.98	33	PASS
				RB38#0	20.64	20.18	33	PASS
				RB38#19	20.65	20.16	33	PASS
				RB38#39	20.63	19.97	33	PASS
				RB75#0	20.66	20.08	33	PASS
			MCH	RB1#0	21.54	20.89	33	PASS
				RB1#38	21.4	20.76	33	PASS
				RB1#74	21.39	21.00	33	PASS
				RB38#0	20.5	19.75	33	PASS
				RB38#19	20.42	19.89	33	PASS
				RB38#39	20.44	20.03	33	PASS
				RB75#0	20.49	19.86	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.36	20.76	33	PASS
				RB1#38	21.38	20.91	33	PASS
				RB1#74	21.49	21.08	33	PASS
				RB38#0	20.38	19.99	33	PASS
				RB38#19	20.48	19.82	33	PASS
				RB38#39	20.52	20.12	33	PASS
				RB75#0	20.49	19.89	33	PASS
		20	LCH	RB1#0	21.62	21.02	33	PASS
				RB1#50	21.58	20.86	33	PASS
				RB1#99	21.57	21.19	33	PASS
				RB50#0	20.6	19.95	33	PASS
				RB50#25	20.56	19.82	33	PASS
				RB50#50	20.56	20.12	33	PASS
				RB100#0	20.55	19.99	33	PASS
			MCH	RB1#0	21.58	21.18	33	PASS
				RB1#50	21.45	20.85	33	PASS
				RB1#99	21.46	20.97	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	20.52	20.01	33	PASS
				RB50#25	20.48	20.03	33	PASS
				RB50#50	20.51	19.95	33	PASS
				RB100#0	20.49	19.89	33	PASS
			HCH	RB1#0	21.41	20.84	33	PASS
				RB1#50	21.37	20.71	33	PASS
				RB1#99	21.55	20.80	33	PASS
				RB50#0	20.43	19.89	33	PASS
				RB50#25	20.43	19.95	33	PASS
				RB50#50	20.49	19.81	33	PASS
				RB100#0	20.44	20.00	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	20.75	20.13	33	PASS
				RB1#3	20.82	20.27	33	PASS
				RB1#5	20.77	20.19	33	PASS
				RB3#0	20.73	20.29	33	PASS
				RB3#2	20.74	20.04	33	PASS
				RB3#3	20.76	20.13	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB6#0	19.6	19.22	33	PASS
			MCH	RB1#0	20.67	20.25	33	PASS
				RB1#3	20.74	20.37	33	PASS
				RB1#5	20.71	20.05	33	PASS
				RB3#0	20.65	19.90	33	PASS
				RB3#2	20.61	20.01	33	PASS
				RB3#3	20.68	20.24	33	PASS
				RB6#0	19.49	18.94	33	PASS
			HCH	RB1#0	20.59	20.16	33	PASS
				RB1#3	20.7	20.05	33	PASS
				RB1#5	20.63	19.92	33	PASS
				RB3#0	20.67	20.19	33	PASS
				RB3#2	20.62	20.23	33	PASS
				RB3#3	20.64	20.27	33	PASS
				RB6#0	19.49	19.02	33	PASS
		3	LCH	RB1#0	20.81	20.35	33	PASS
				RB1#7	20.88	20.14	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#14	20.8	20.39	33	PASS
				RB8#0	19.64	19.26	33	PASS
				RB8#4	19.67	18.92	33	PASS
				RB8#7	19.67	19.26	33	PASS
				RB15#0	19.6	18.94	33	PASS
			MCH	RB1#0	20.74	20.19	33	PASS
				RB1#7	20.75	20.28	33	PASS
				RB1#14	20.71	20.14	33	PASS
				RB8#0	19.56	19.06	33	PASS
				RB8#4	19.54	19.16	33	PASS
				RB8#7	19.56	18.86	33	PASS
				RB15#0	19.51	18.80	33	PASS
			HCH	RB1#0	20.66	20.16	33	PASS
				RB1#7	20.72	20.08	33	PASS
				RB1#14	20.7	20.31	33	PASS
				RB8#0	19.56	18.97	33	PASS
				RB8#4	19.56	18.90	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB8#7	19.56	19.00	33	PASS
				RB15#0	19.49	18.85	33	PASS
		5	LCH	RB1#0	20.75	20.24	33	PASS
				RB1#13	20.73	20.12	33	PASS
				RB1#24	20.72	20.29	33	PASS
				RB12#0	19.61	19.18	33	PASS
				RB12#6	19.6	18.88	33	PASS
				RB12#13	19.59	19.19	33	PASS
				RB25#0	19.52	18.86	33	PASS
			MCH	RB1#0	20.63	19.89	33	PASS
				RB1#13	20.66	19.94	33	PASS
				RB1#24	20.68	20.25	33	PASS
				RB12#0	19.51	19.05	33	PASS
				RB12#6	19.49	18.86	33	PASS
				RB12#13	19.53	18.95	33	PASS
				RB25#0	19.41	18.85	33	PASS
			HCH	RB1#0	20.57	20.00	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#13	20.61	20.14	33	PASS
				RB1#24	20.64	20.16	33	PASS
				RB12#0	19.48	18.71	33	PASS
				RB12#6	19.5	18.85	33	PASS
				RB12#13	19.53	18.80	33	PASS
				RB25#0	19.41	18.88	33	PASS
		10	LCH	RB1#0	20.9	20.39	33	PASS
				RB1#25	20.88	20.37	33	PASS
				RB1#49	20.89	20.15	33	PASS
				RB25#0	19.52	19.11	33	PASS
				RB25#13	19.53	19.14	33	PASS
				RB25#25	19.53	18.80	33	PASS
				RB50#0	19.56	18.94	33	PASS
			MCH	RB1#0	20.81	20.26	33	PASS
				RB1#25	20.82	20.14	33	PASS
				RB1#49	20.85	20.32	33	PASS
				RB25#0	19.49	18.79	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#13	19.45	18.97	33	PASS
				RB25#25	19.5	18.90	33	PASS
				RB50#0	19.5	18.76	33	PASS
			HCH	RB1#0	20.72	20.21	33	PASS
				RB1#25	20.72	20.15	33	PASS
				RB1#49	20.76	20.30	33	PASS
				RB25#0	19.38	18.80	33	PASS
				RB25#13	19.4	18.98	33	PASS
				RB25#25	19.45	18.82	33	PASS
				RB50#0	19.47	18.96	33	PASS
		15	LCH	RB1#0	20.93	20.38	33	PASS
				RB1#38	20.87	20.39	33	PASS
				RB1#74	20.85	20.26	33	PASS
				RB38#0	19.56	19.10	33	PASS
				RB38#19	19.59	19.11	33	PASS
				RB38#39	19.56	18.85	33	PASS
				RB75#0	19.59	19.19	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	20.82	20.35	33	PASS
				RB1#38	20.8	20.26	33	PASS
				RB1#74	20.82	20.17	33	PASS
				RB38#0	19.48	18.99	33	PASS
				RB38#19	19.47	18.95	33	PASS
				RB38#39	19.48	18.79	33	PASS
				RB75#0	19.5	18.98	33	PASS
			HCH	RB1#0	20.77	20.21	33	PASS
				RB1#38	20.72	20.30	33	PASS
				RB1#74	20.77	20.30	33	PASS
				RB38#0	19.38	18.70	33	PASS
				RB38#19	19.45	18.72	33	PASS
				RB38#39	19.47	19.03	33	PASS
				RB75#0	19.45	18.70	33	PASS
		20	LCH	RB1#0	21.1	20.49	33	PASS
				RB1#50	21.04	20.30	33	PASS
				RB1#99	21.06	20.46	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	19.55	19.17	33	PASS
				RB50#25	19.52	18.85	33	PASS
				RB50#50	19.51	18.85	33	PASS
				RB100#0	19.54	19.10	33	PASS
			MCH	RB1#0	21.02	20.36	33	PASS
				RB1#50	21	20.54	33	PASS
				RB1#99	21.02	20.44	33	PASS
				RB50#0	19.54	19.14	33	PASS
				RB50#25	19.49	18.75	33	PASS
				RB50#50	19.55	19.17	33	PASS
				RB100#0	19.54	18.83	33	PASS
			HCH	RB1#0	20.96	20.43	33	PASS
				RB1#50	20.88	20.27	33	PASS
				RB1#99	21.02	20.42	33	PASS
				RB50#0	19.46	19.00	33	PASS
				RB50#25	19.44	19.02	33	PASS
				RB50#50	19.47	18.88	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB100#0	19.47	18.77	33	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2:

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

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

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

$$\text{SET Sweep time} = \text{auto-couple.}$$

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	3.52	13	PASS
				RB1#3	3.5	13	PASS
				RB1#5	3.29	13	PASS
				RB3#0	4.27	13	PASS
				RB3#2	4.1	13	PASS
				RB3#3	4.25	13	PASS
				RB6#0	5.74	13	PASS
			MCH	RB1#0	4.09	13	PASS
				RB1#3	4.14	13	PASS
				RB1#5	4.13	13	PASS
				RB3#0	5	13	PASS
				RB3#2	4.96	13	PASS
				RB3#3	5.03	13	PASS
				RB6#0	6.51	13	PASS
			HCH	RB1#0	3.46	13	PASS
				RB1#3	3.41	13	PASS
				RB1#5	3.43	13	PASS
				RB3#0	4.26	13	PASS
				RB3#2	4.08	13	PASS
				RB3#3	4.25	13	PASS
				RB6#0	5.75	13	PASS
		3	LCH	RB1#0	3.71	13	PASS
				RB1#7	3.62	13	PASS
				RB1#14	3.62	13	PASS
				RB8#0	5.3	13	PASS
				RB8#4	5.12	13	PASS
				RB8#7	5.29	13	PASS
				RB15#0	5.52	13	PASS
			MCH	RB1#0	4.23	13	PASS
				RB1#7	4.26	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.32	13	PASS
				RB8#0	5.92	13	PASS
				RB8#4	5.89	13	PASS
				RB8#7	5.98	13	PASS
				RB15#0	6.21	13	PASS
			HCH	RB1#0	3.66	13	PASS
				RB1#7	3.58	13	PASS
				RB1#14	3.56	13	PASS
				RB8#0	5.28	13	PASS
				RB8#4	5.07	13	PASS
				RB8#7	5.21	13	PASS
				RB15#0	5.26	13	PASS
		5	LCH	RB1#0	3.46	13	PASS
				RB1#13	3.49	13	PASS
				RB1#24	3.5	13	PASS
				RB12#0	5.02	13	PASS
				RB12#6	4.8	13	PASS
				RB12#13	4.92	13	PASS
				RB25#0	5.23	13	PASS
			MCH	RB1#0	4.03	13	PASS
				RB1#13	4.21	13	PASS
				RB1#24	4.23	13	PASS
				RB12#0	5.6	13	PASS
				RB12#6	5.53	13	PASS
				RB12#13	5.64	13	PASS
				RB25#0	5.8	13	PASS
			HCH	RB1#0	3.59	13	PASS
				RB1#13	3.56	13	PASS
				RB1#24	3.5	13	PASS
				RB12#0	5.08	13	PASS
				RB12#6	4.89	13	PASS
				RB12#13	5.07	13	PASS
				RB25#0	5.3	13	PASS
		10	LCH	RB1#0	3.64	13	PASS
				RB1#25	3.57	13	PASS
				RB1#49	3.63	13	PASS
				RB25#0	4.97	13	PASS
				RB25#13	4.85	13	PASS
				RB25#25	4.96	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.53	13	PASS
			MCH	RB1#0	4.16	13	PASS
				RB1#25	4.24	13	PASS
				RB1#49	4.32	13	PASS
				RB25#0	5.6	13	PASS
				RB25#13	5.66	13	PASS
				RB25#25	5.73	13	PASS
				RB50#0	6.05	13	PASS
			HCH	RB1#0	3.73	13	PASS
				RB1#25	3.64	13	PASS
				RB1#49	3.52	13	PASS
				RB25#0	5.26	13	PASS
				RB25#13	5.1	13	PASS
				RB25#25	5.23	13	PASS
				RB50#0	5.74	13	PASS
		15	LCH	RB1#0	3.61	13	PASS
				RB1#38	3.65	13	PASS
				RB1#74	3.76	13	PASS
				RB38#0	5.08	13	PASS
				RB38#19	4.96	13	PASS
				RB38#39	5.3	13	PASS
				RB75#0	5.99	13	PASS
			MCH	RB1#0	3.98	13	PASS
				RB1#38	4.28	13	PASS
				RB1#74	4.28	13	PASS
				RB38#0	5.81	13	PASS
				RB38#19	5.91	13	PASS
				RB38#39	6.05	13	PASS
				RB75#0	6.66	13	PASS
			HCH	RB1#0	4.1	13	PASS
				RB1#38	3.71	13	PASS
				RB1#74	3.54	13	PASS
				RB38#0	5.48	13	PASS
				RB38#19	5.22	13	PASS
				RB38#39	5.31	13	PASS
				RB75#0	6.24	13	PASS
		20	LCH	RB1#0	3.78	13	PASS
				RB1#50	3.69	13	PASS
				RB1#99	4.09	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.28	13	PASS
				RB50#25	5.17	13	PASS
				RB50#50	5.41	13	PASS
				RB100#0	5.7	13	PASS
			MCH	RB1#0	4.17	13	PASS
				RB1#50	4.49	13	PASS
				RB1#99	4.62	13	PASS
				RB50#0	5.95	13	PASS
				RB50#25	6.04	13	PASS
				RB50#50	6.16	13	PASS
				RB100#0	6.25	13	PASS
			HCH	RB1#0	4.49	13	PASS
				RB1#50	4.1	13	PASS
				RB1#99	3.56	13	PASS
				RB50#0	5.94	13	PASS
				RB50#25	5.6	13	PASS
				RB50#50	5.51	13	PASS
				RB100#0	5.98	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.56	13	PASS
				RB1#3	4.63	13	PASS
				RB1#5	4.67	13	PASS
				RB3#0	5.22	13	PASS
				RB3#2	5.08	13	PASS
				RB3#3	5.25	13	PASS
				RB6#0	5.67	13	PASS
			MCH	RB1#0	5.29	13	PASS
				RB1#3	5.15	13	PASS
				RB1#5	5.28	13	PASS
				RB3#0	5.99	13	PASS
				RB3#2	5.97	13	PASS
				RB3#3	6.03	13	PASS
				RB6#0	6.28	13	PASS
			HCH	RB1#0	4.61	13	PASS
				RB1#3	4.55	13	PASS
				RB1#5	4.45	13	PASS
				RB3#0	5.21	13	PASS
				RB3#2	5.09	13	PASS
				RB3#3	5.17	13	PASS
				RB6#0	5.88	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	4.82	13	PASS
				RB1#7	4.73	13	PASS
				RB1#14	4.59	13	PASS
				RB8#0	5.82	13	PASS
				RB8#4	5.75	13	PASS
				RB8#7	5.88	13	PASS
				RB15#0	6.36	13	PASS
			MCH	RB1#0	5.49	13	PASS
				RB1#7	5.48	13	PASS
				RB1#14	5.57	13	PASS
				RB8#0	6.36	13	PASS
				RB8#4	6.33	13	PASS
				RB8#7	6.4	13	PASS
				RB15#0	6.64	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#7	4.67	13	PASS
				RB1#14	4.64	13	PASS
				RB8#0	5.97	13	PASS
				RB8#4	5.84	13	PASS
				RB8#7	5.98	13	PASS
				RB15#0	6.42	13	PASS
		5	LCH	RB1#0	4.77	13	PASS
				RB1#13	4.69	13	PASS
				RB1#24	4.68	13	PASS
				RB12#0	5.84	13	PASS
				RB12#6	5.67	13	PASS
				RB12#13	5.8	13	PASS
				RB25#0	6.13	13	PASS
			MCH	RB1#0	5.35	13	PASS
				RB1#13	5.42	13	PASS
				RB1#24	5.4	13	PASS
				RB12#0	6.47	13	PASS
				RB12#6	6.47	13	PASS
				RB12#13	6.57	13	PASS
				RB25#0	6.72	13	PASS
			HCH	RB1#0	4.76	13	PASS
				RB1#13	4.67	13	PASS
				RB1#24	4.3	13	PASS
				RB12#0	5.83	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#6	5.74	13	PASS
				RB12#13	5.85	13	PASS
				RB25#0	6.42	13	PASS
			LCH	RB1#0	4.96	13	PASS
				RB1#25	4.87	13	PASS
				RB1#49	4.96	13	PASS
				RB25#0	6.13	13	PASS
				RB25#13	6.03	13	PASS
				RB25#25	6.17	13	PASS
				RB50#0	6.45	13	PASS
		10	MCH	RB1#0	5.49	13	PASS
				RB1#25	5.61	13	PASS
				RB1#49	5.66	13	PASS
				RB25#0	6.92	13	PASS
				RB25#13	6.95	13	PASS
				RB25#25	7.08	13	PASS
				RB50#0	7.12	13	PASS
			HCH	RB1#0	5.17	13	PASS
				RB1#25	4.95	13	PASS
				RB1#49	4.68	13	PASS
				RB25#0	6.52	13	PASS
				RB25#13	6.29	13	PASS
				RB25#25	6.39	13	PASS
				RB50#0	6.69	13	PASS
		15	LCH	RB1#0	4.86	13	PASS
				RB1#38	4.96	13	PASS
				RB1#74	5.08	13	PASS
				RB38#0	6.24	13	PASS
				RB38#19	6.04	13	PASS
				RB38#39	6.28	13	PASS
				RB75#0	6.56	13	PASS
			MCH	RB1#0	5.37	13	PASS
				RB1#38	5.59	13	PASS
				RB1#74	5.76	13	PASS
				RB38#0	6.92	13	PASS
				RB38#19	7.02	13	PASS
				RB38#39	7.16	13	PASS
				RB75#0	7.14	13	PASS
			HCH	RB1#0	5.44	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#38	5.07	13	PASS
				RB1#74	4.86	13	PASS
				RB38#0	6.71	13	PASS
				RB38#19	6.34	13	PASS
				RB38#39	6.36	13	PASS
				RB75#0	6.81	13	PASS
		20	LCH	RB1#0	3.93	13	PASS
				RB1#50	3.9	13	PASS
				RB1#99	4.12	13	PASS
				RB50#0	6.18	13	PASS
				RB50#25	6.11	13	PASS
				RB50#50	6.34	13	PASS
				RB100#0	6.36	13	PASS
			MCH	RB1#0	4.11	13	PASS
				RB1#50	4.48	13	PASS
				RB1#99	4.59	13	PASS
				RB50#0	6.81	13	PASS
				RB50#25	6.97	13	PASS
				RB50#50	7.22	13	PASS
				RB100#0	7.5	13	PASS
			HCH	RB1#0	4.53	13	PASS
				RB1#50	4.14	13	PASS
				RB1#99	3.95	13	PASS
				RB50#0	6.89	13	PASS
				RB50#25	6.47	13	PASS
				RB50#50	6.45	13	PASS
				RB100#0	6.8	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

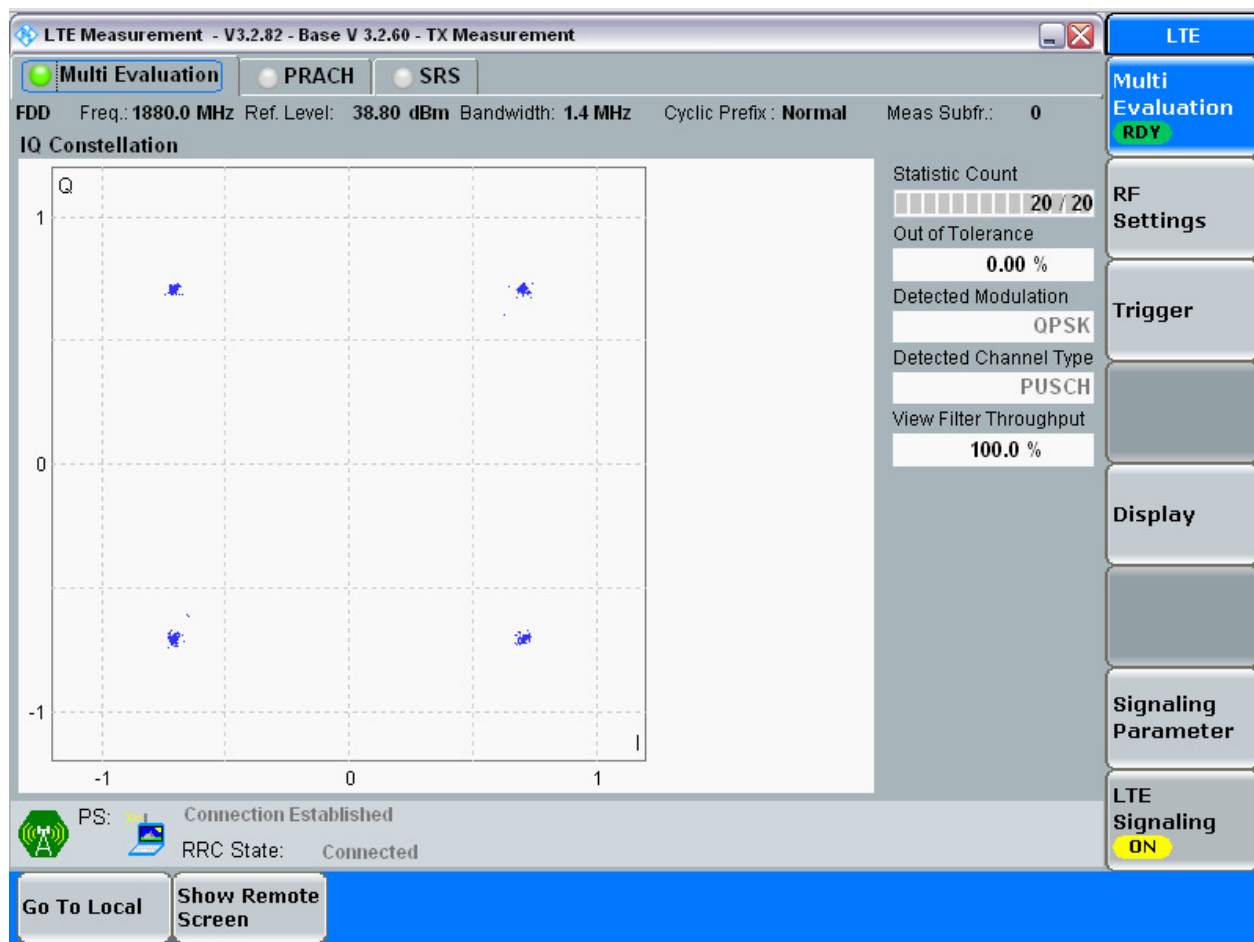
3.1.1 Test Band = BAND2

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

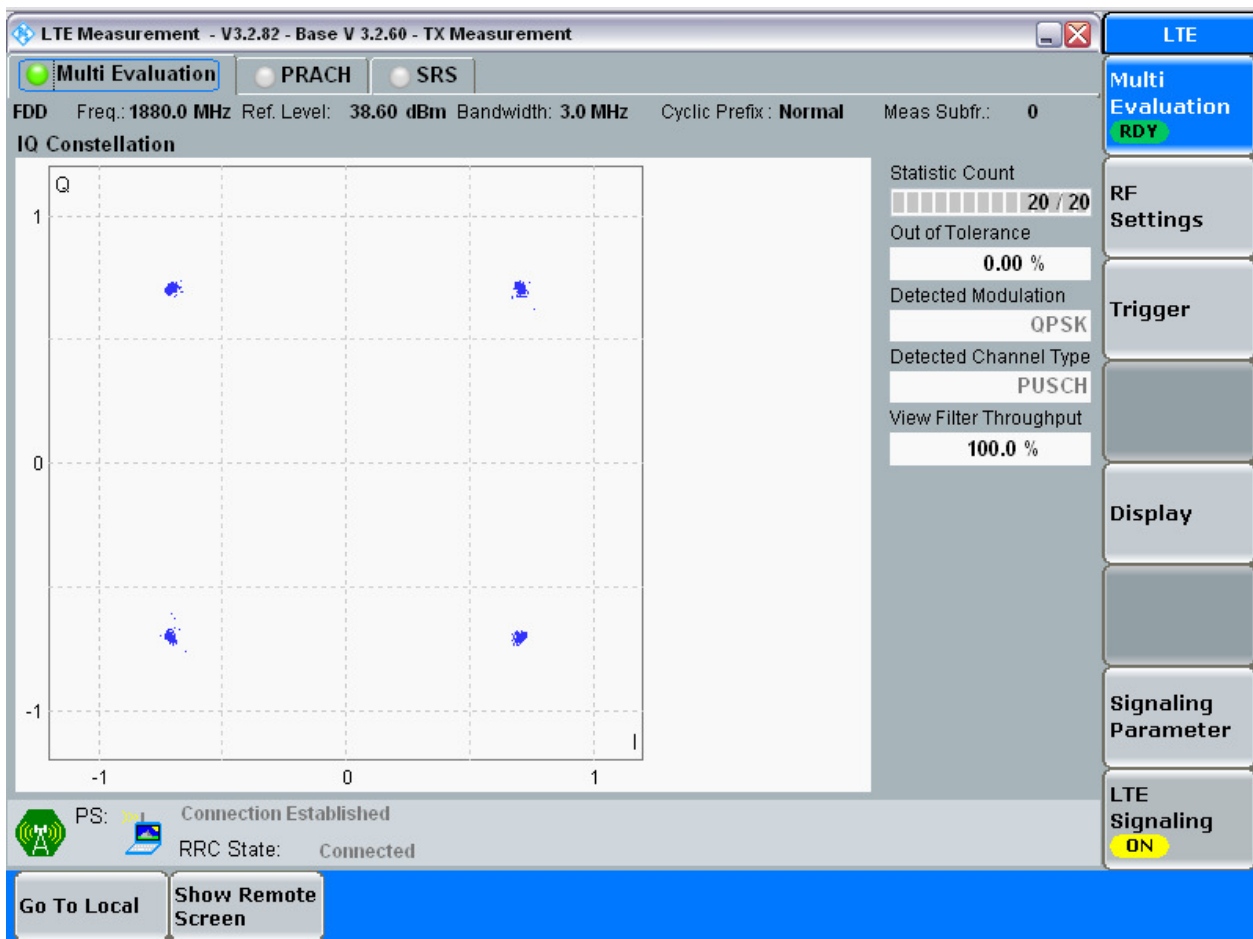
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

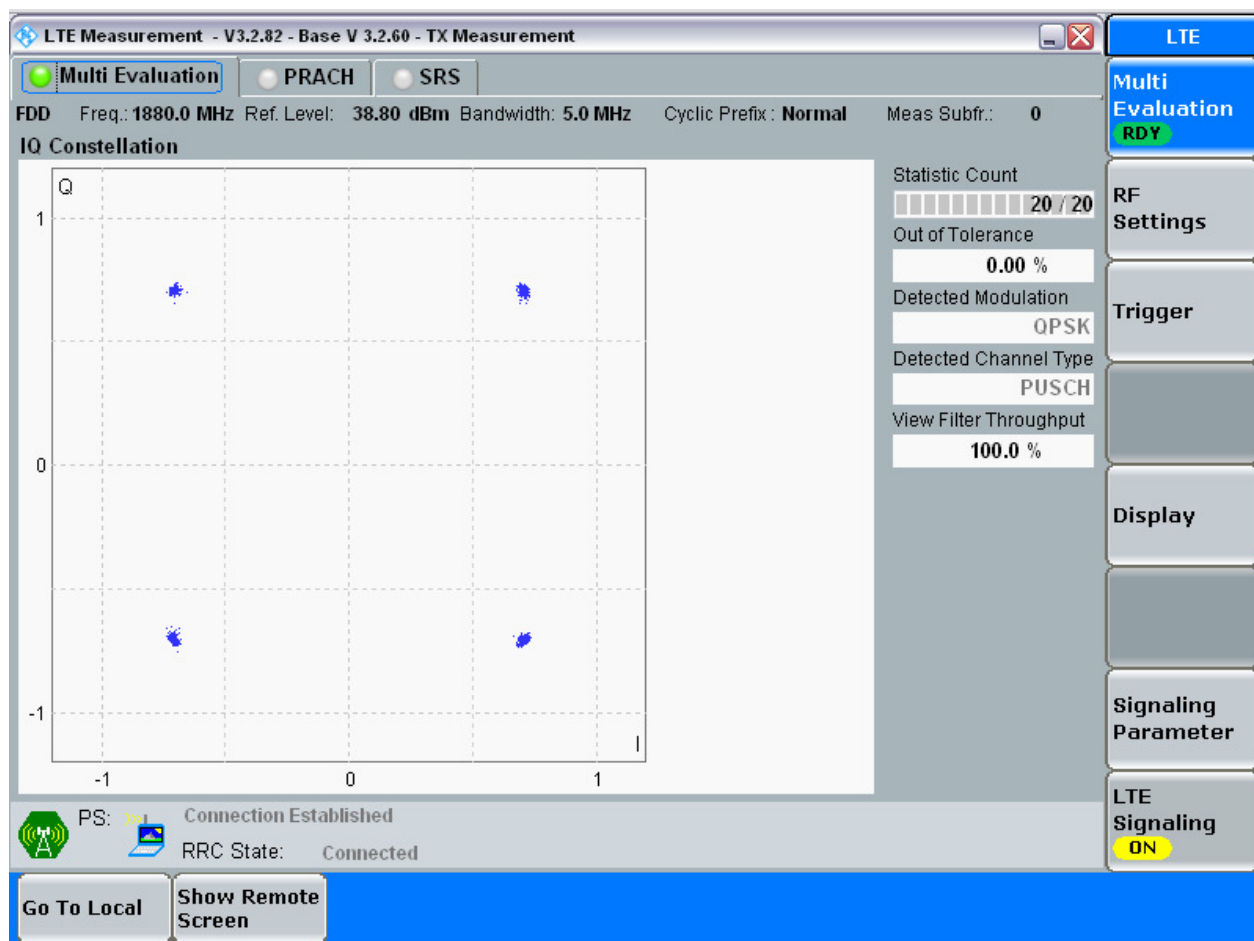
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

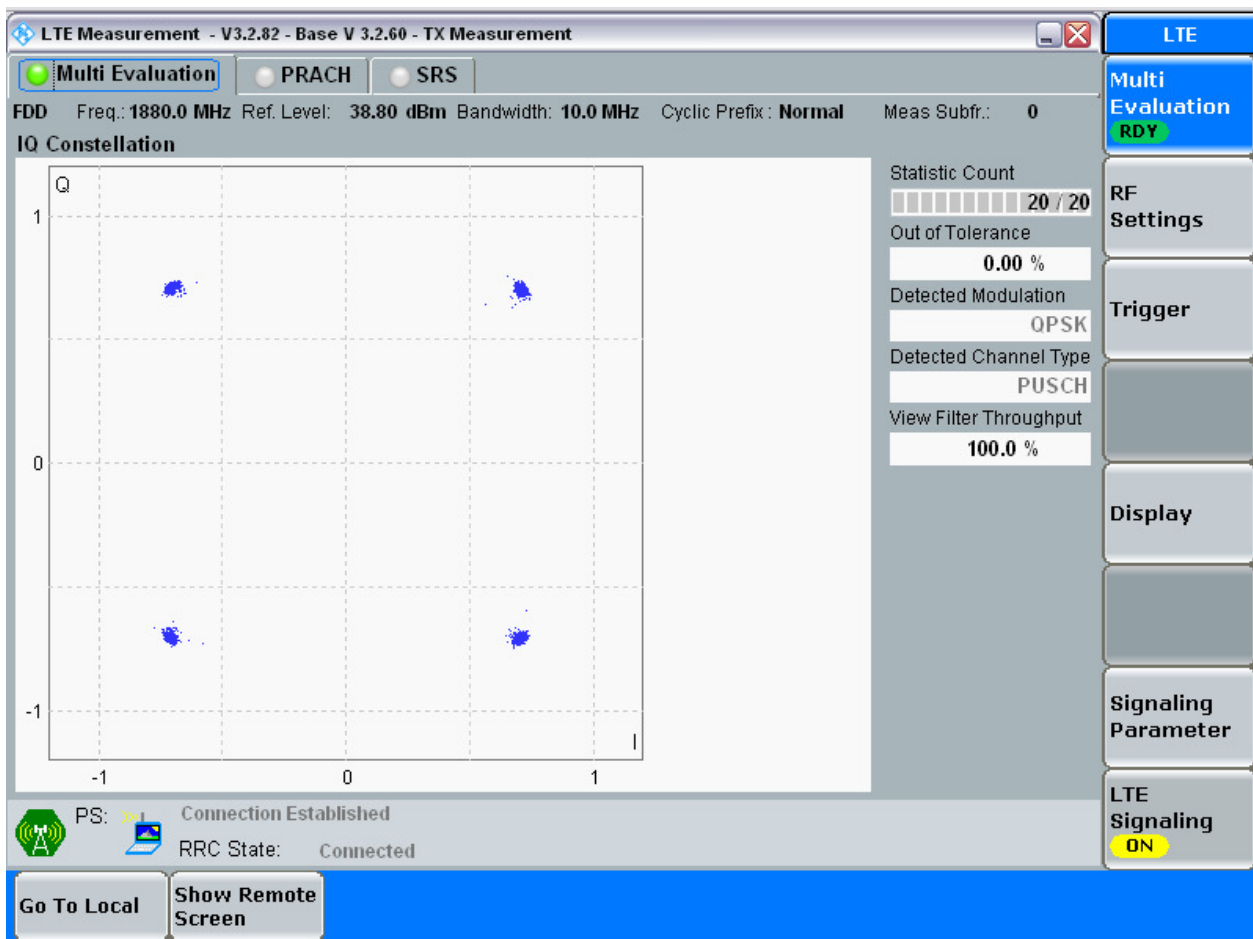
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

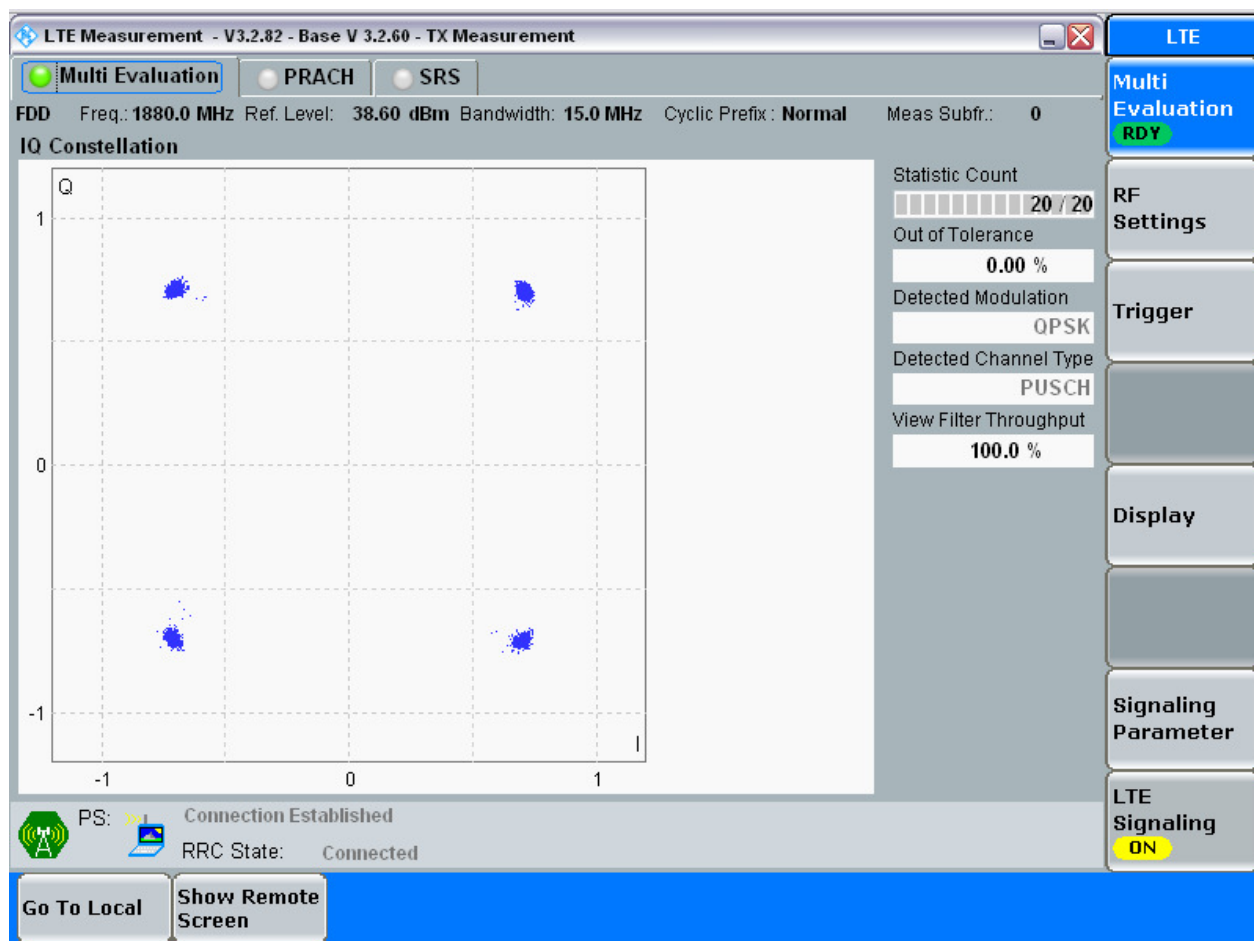
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

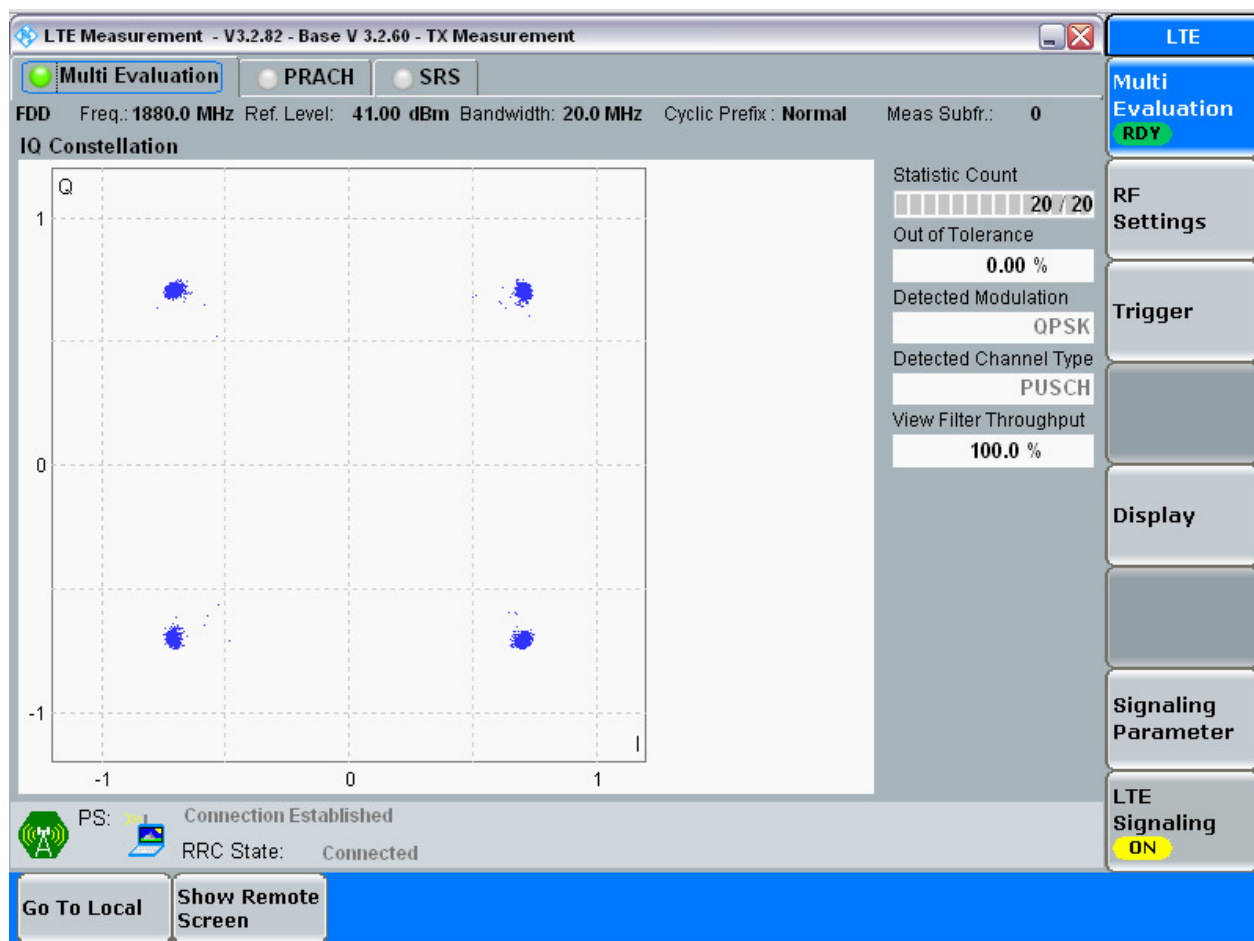
3.1.1.1.5.1.1 Test RB = RB75#0



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

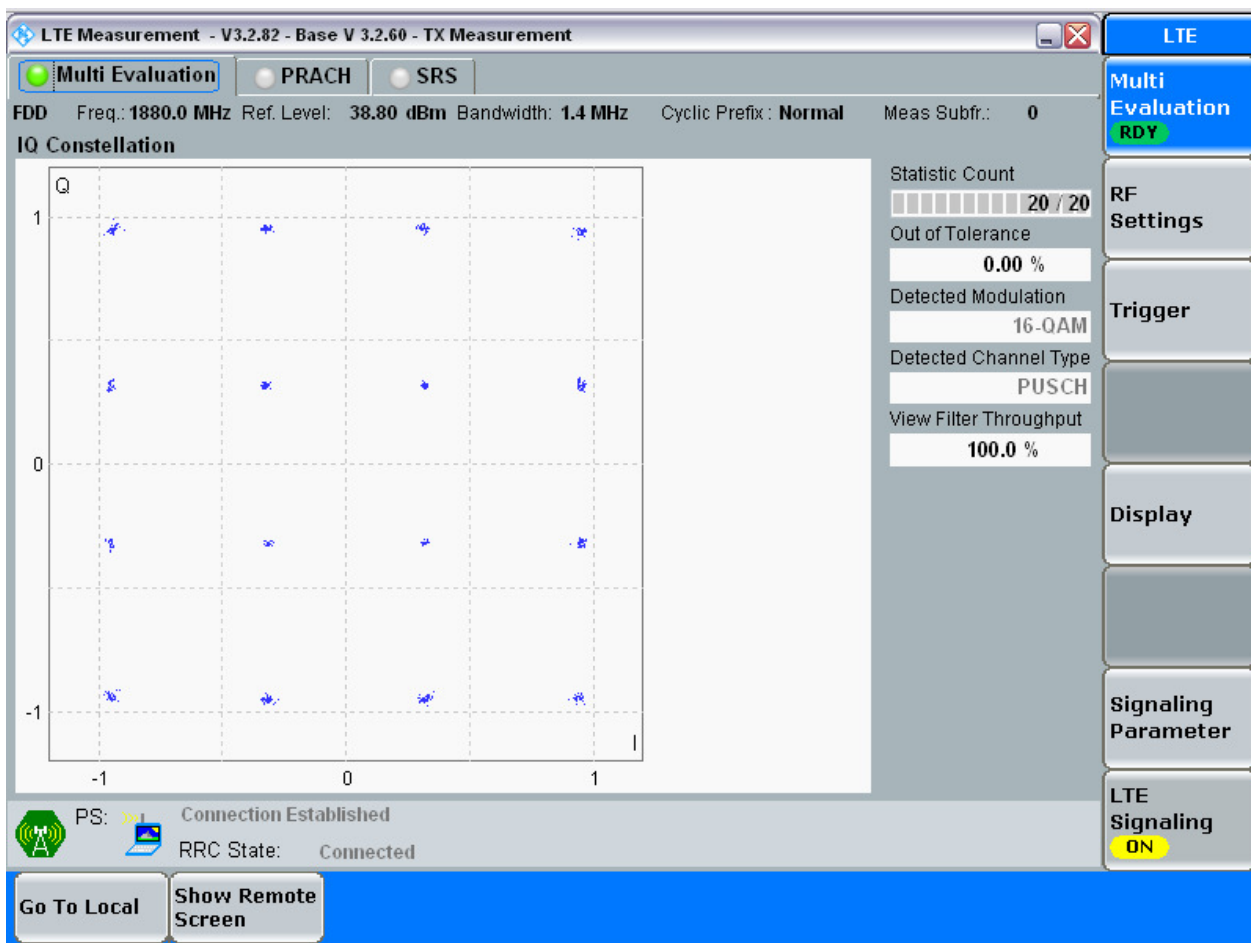


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

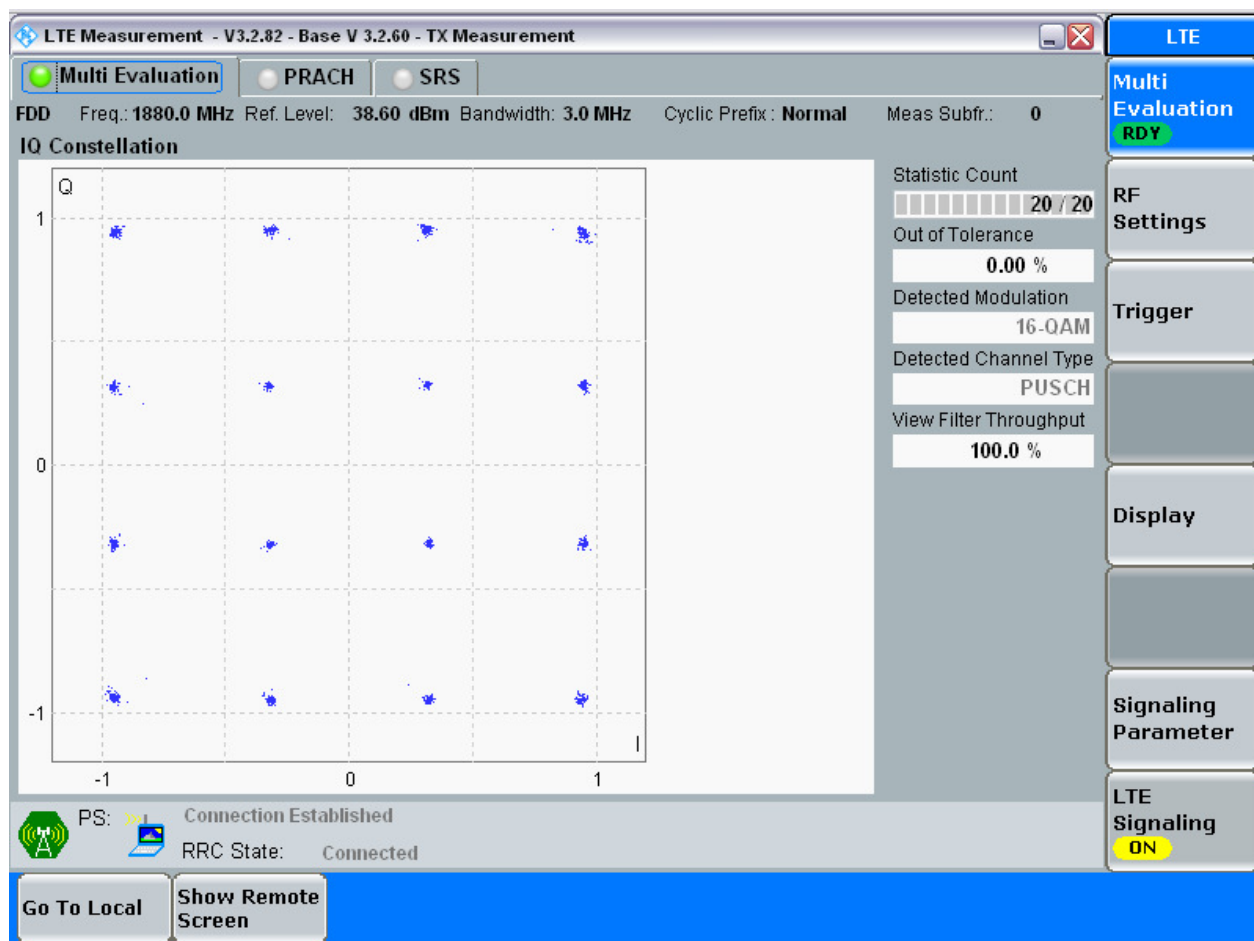
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

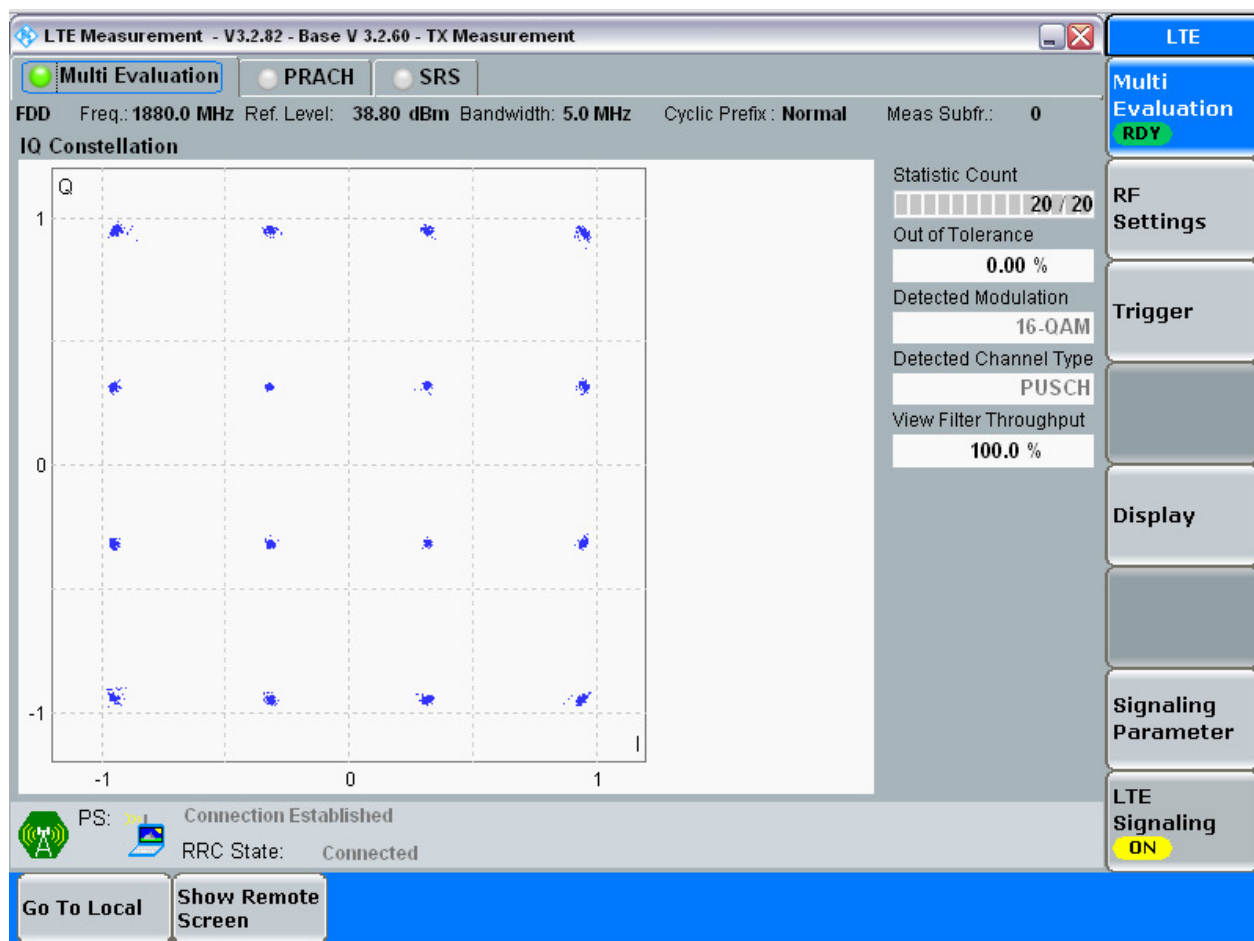
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

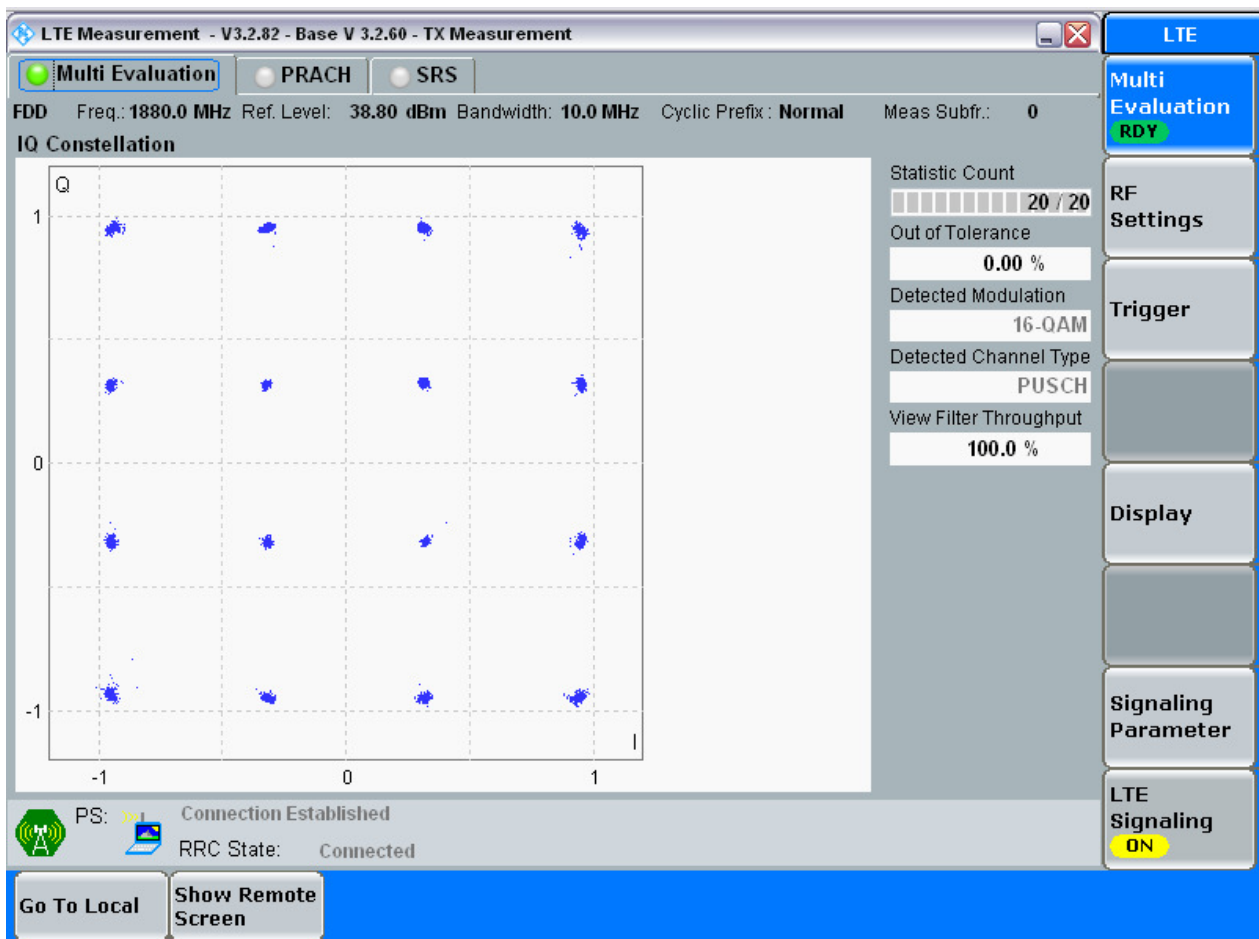
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

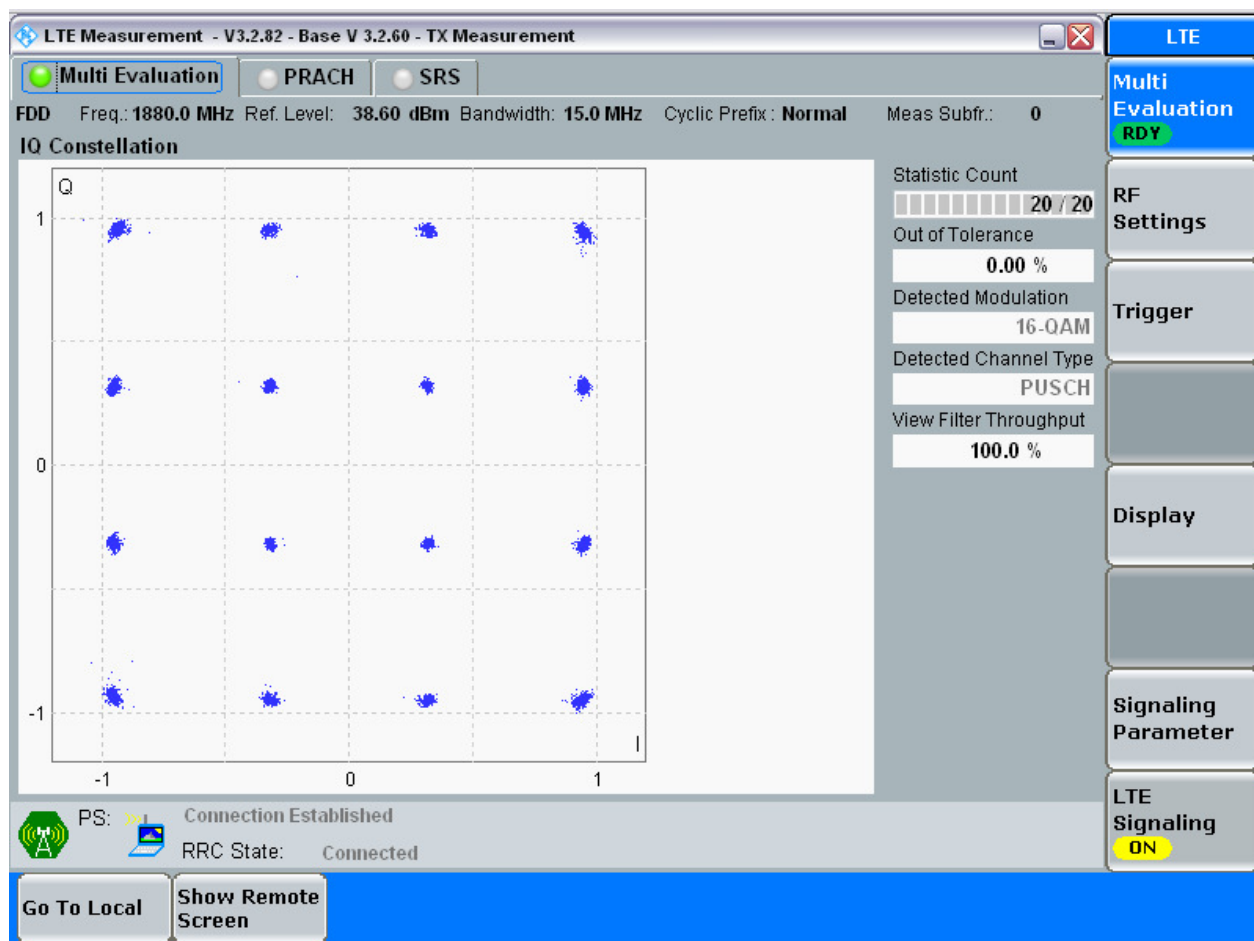
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

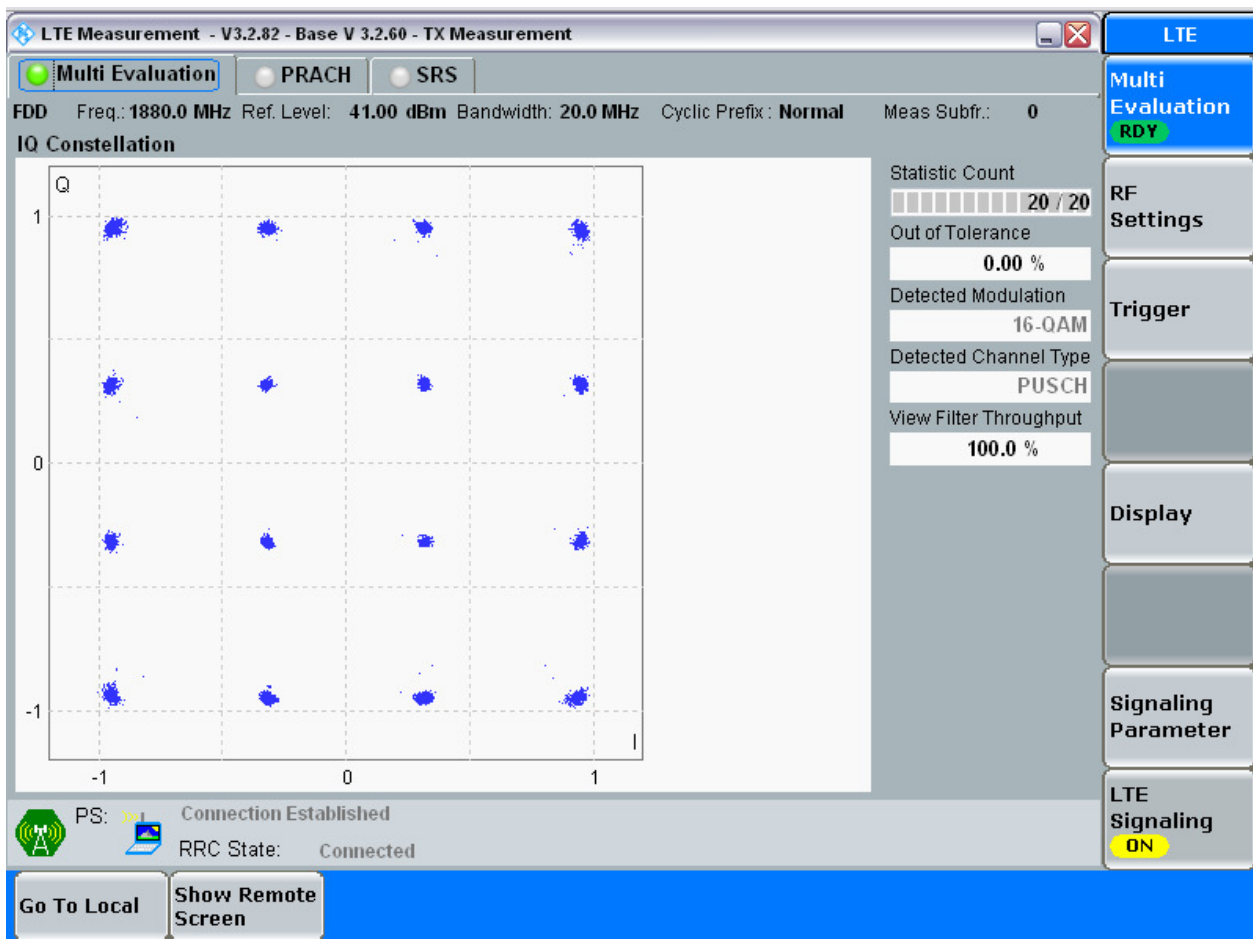
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.26	Pass
			MCH	RB6#0	1.09	1.25	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.70	2.92	Pass
			HCH	RB15#0	2.70	2.91	Pass
		5	LCH	RB25#0	4.51	4.93	Pass
			MCH	RB25#0	4.51	4.92	Pass
			HCH	RB25#0	4.51	4.91	Pass
		10	LCH	RB50#0	9.00	9.71	Pass
			MCH	RB50#0	8.99	9.62	Pass
			HCH	RB50#0	9.00	9.65	Pass
		15	LCH	RB75#0	13.51	14.46	Pass
			MCH	RB75#0	13.49	14.33	Pass
			HCH	RB75#0	13.48	14.30	Pass
		20	LCH	RB100#0	17.98	19.03	Pass
			MCH	RB100#0	17.97	19.01	Pass
			HCH	RB100#0	17.94	18.98	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.25	Pass
			MCH	RB6#0	1.09	1.25	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.70	2.92	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.52	4.90	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.52	4.91	Pass
		10	LCH	RB50#0	8.99	9.67	Pass
			MCH	RB50#0	8.98	9.58	Pass
			HCH	RB50#0	8.98	9.65	Pass
		15	LCH	RB75#0	13.50	14.40	Pass
			MCH	RB75#0	13.48	14.29	Pass
			HCH	RB75#0	13.48	14.31	Pass
		20	LCH	RB100#0	17.98	19.01	Pass
			MCH	RB100#0	17.98	19.01	Pass
			HCH	RB100#0	17.95	19.00	Pass

Part II - Test Plots

4.1 For LTE

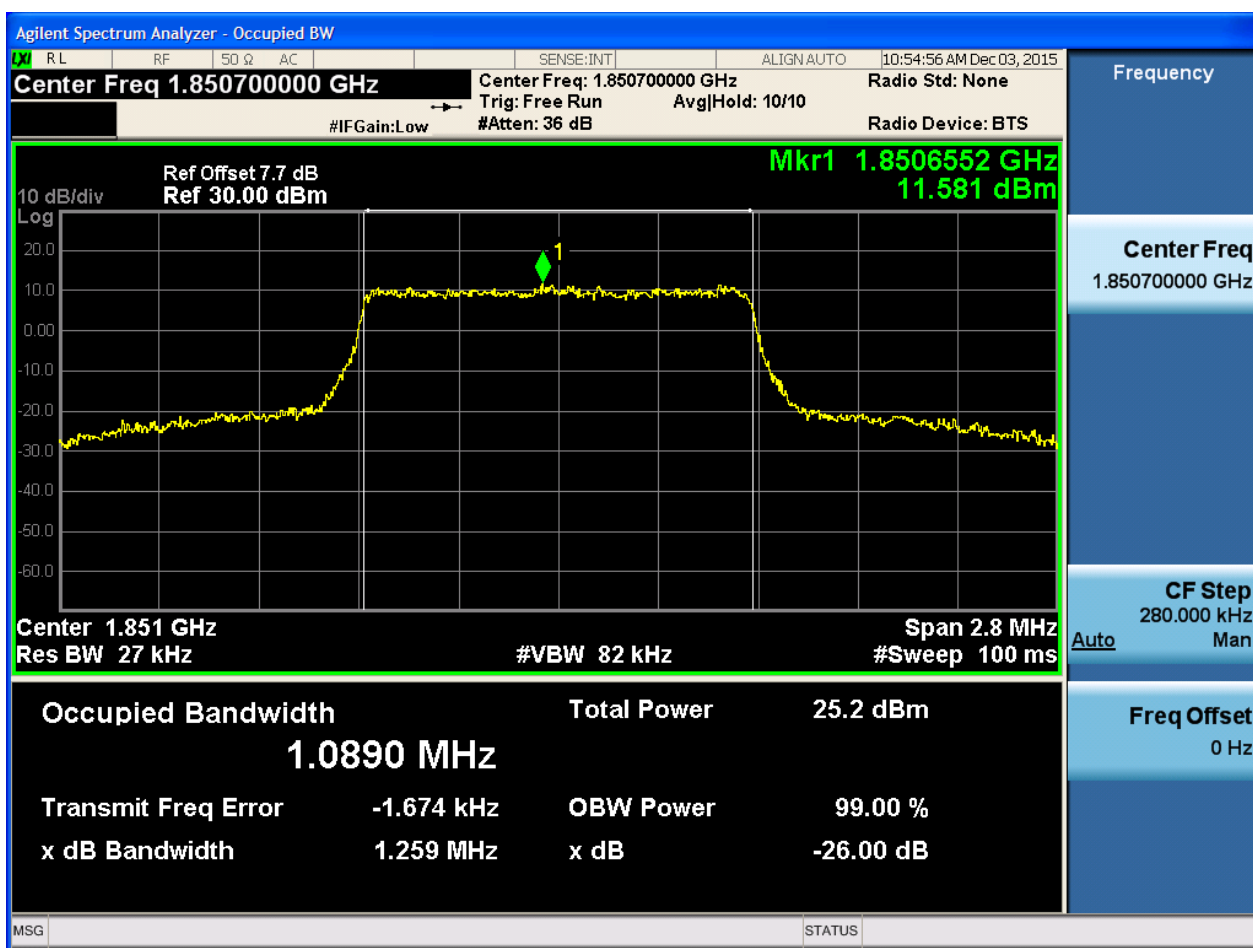
4.1.1 Test Band = BAND2

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

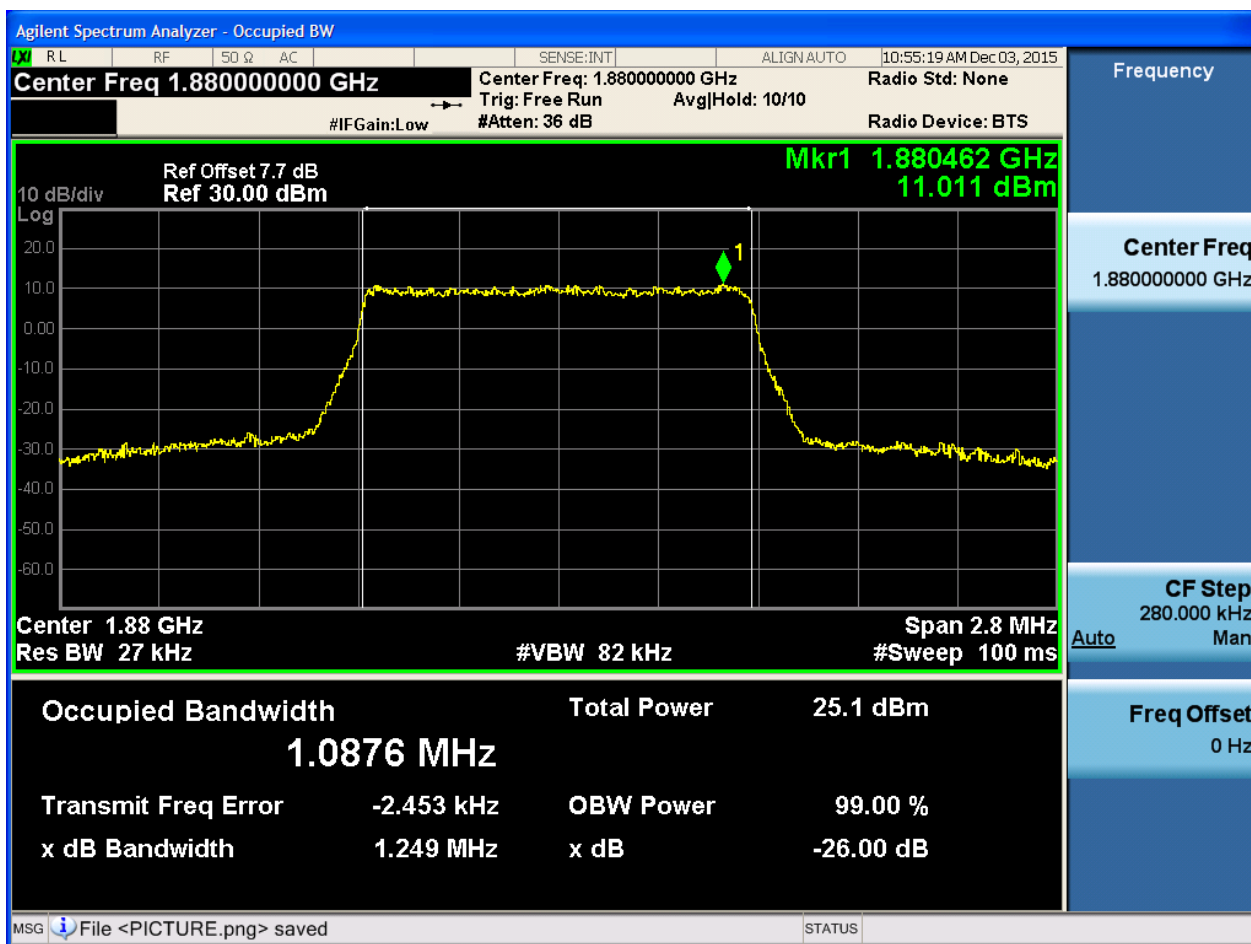
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



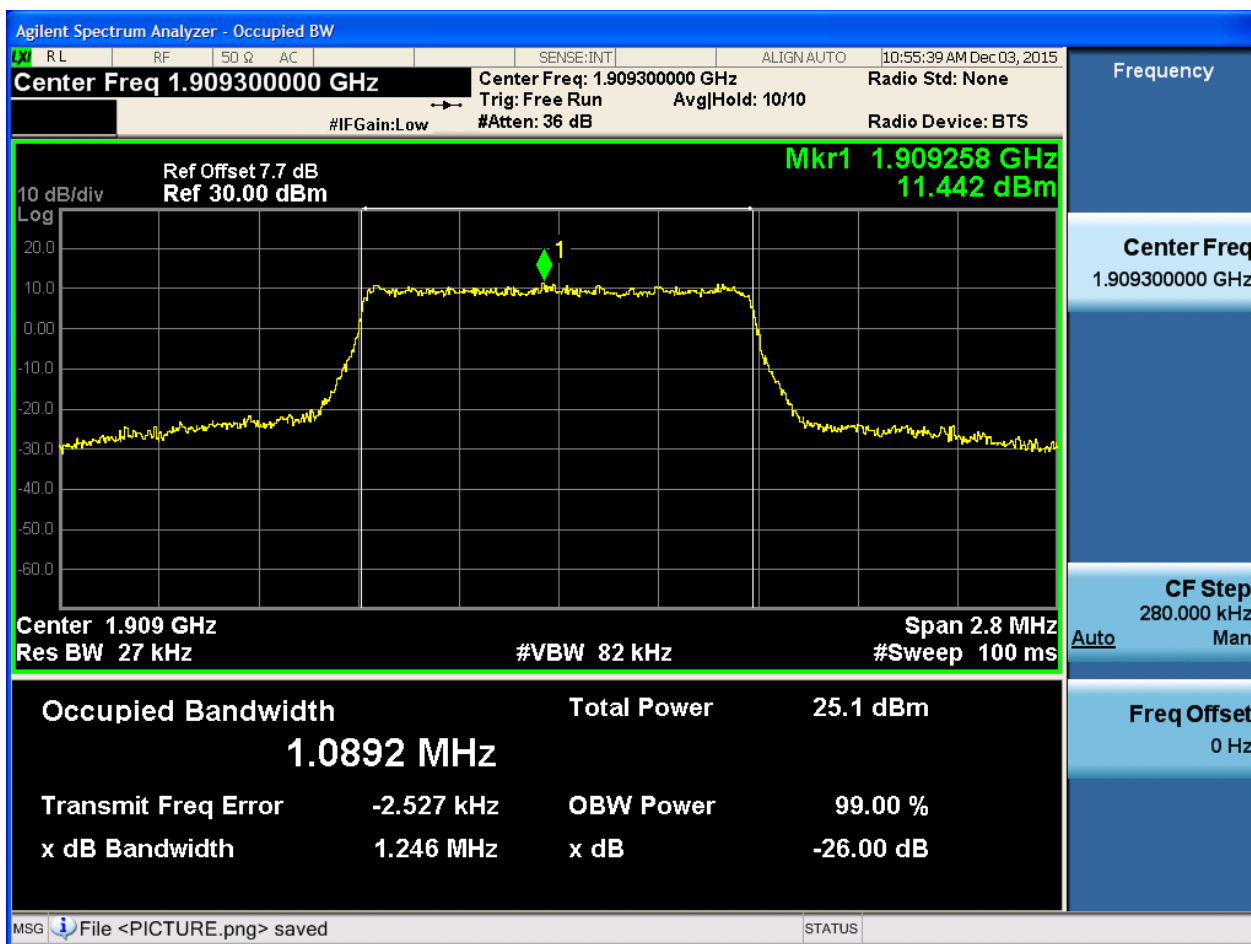
4.1.1.1.1.2 Test Channel = MCH

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

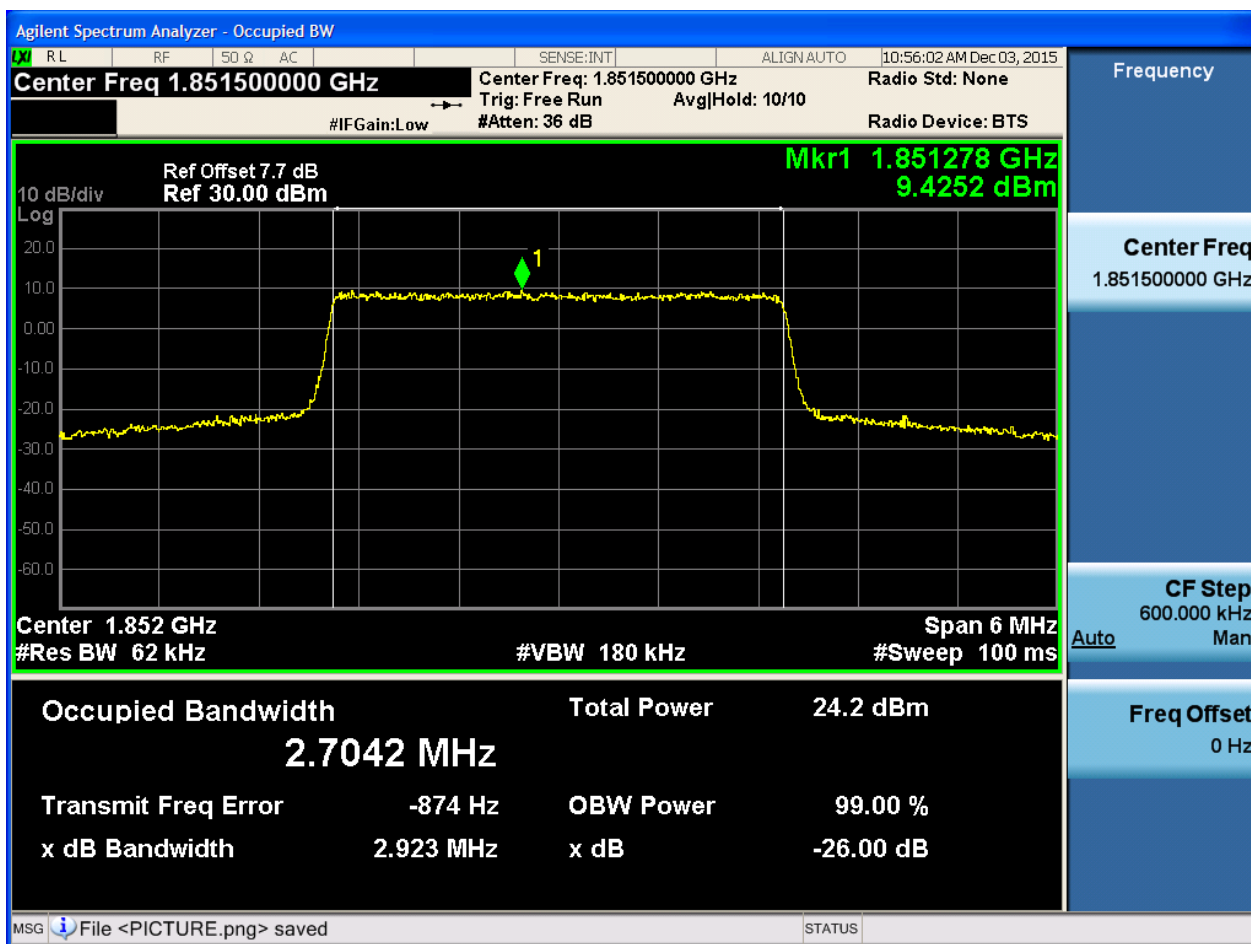




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

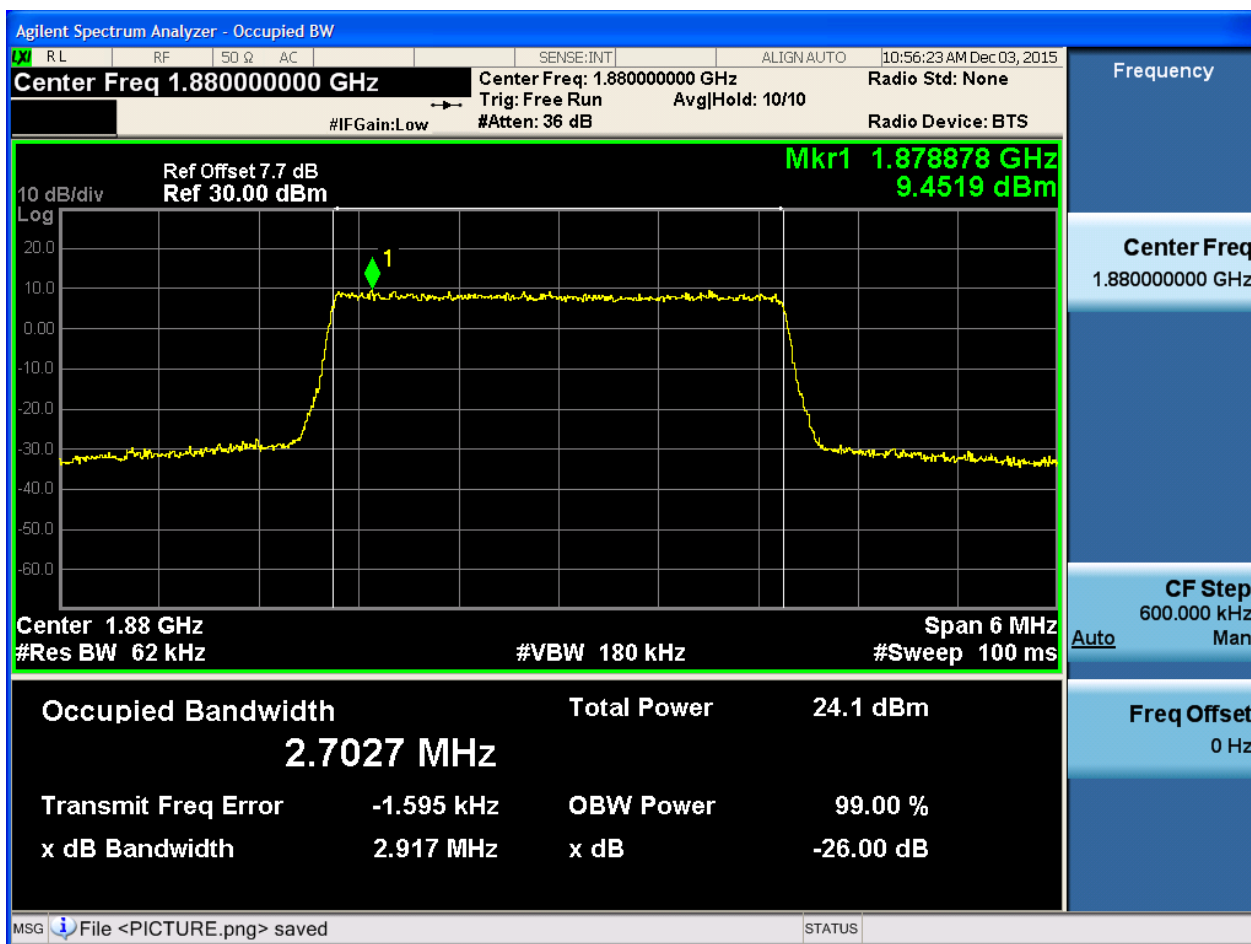
4.1.1.1.2.1.1 Test RB = RB15#0





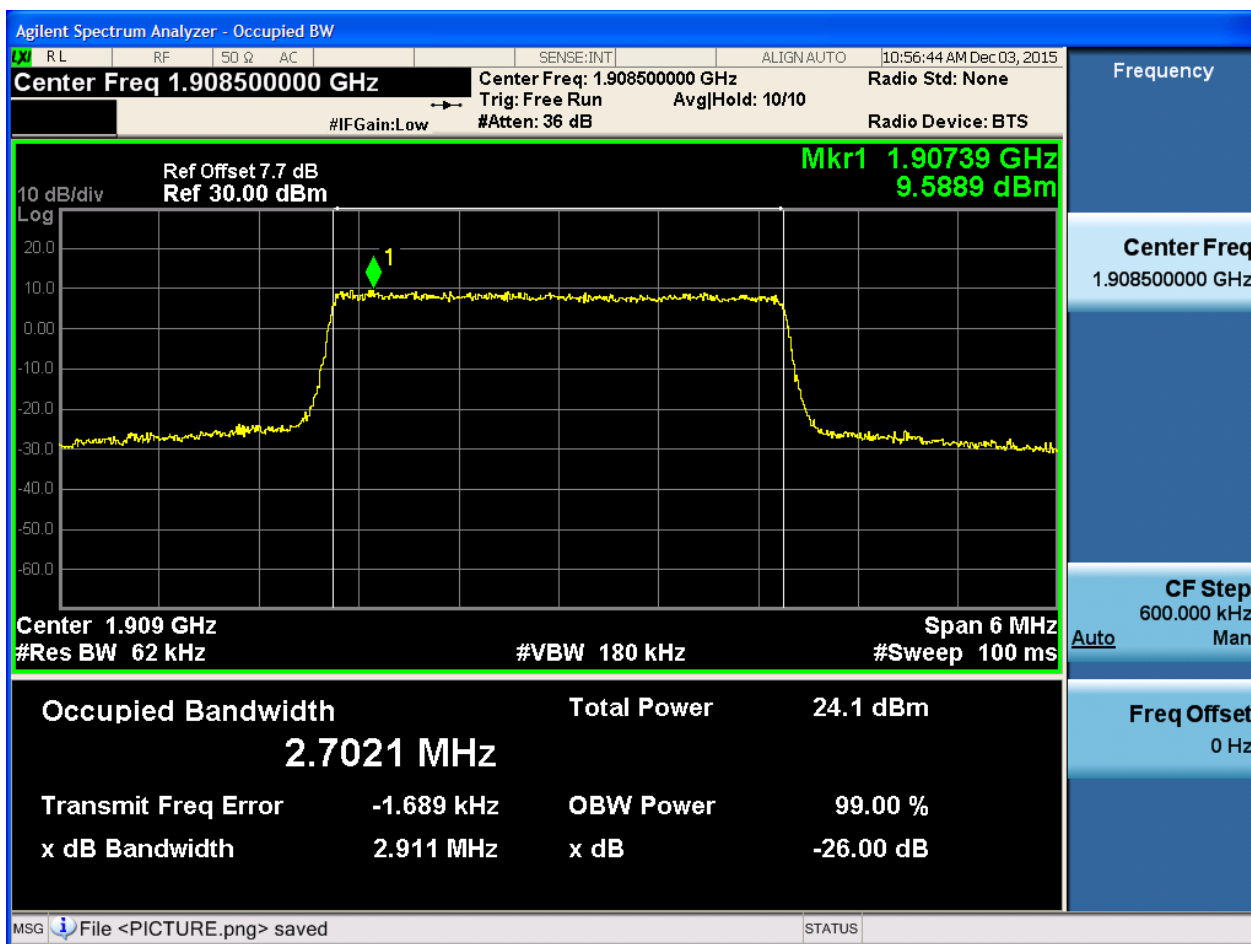
4.1.1.1.2.2 Test Channel = MCH

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

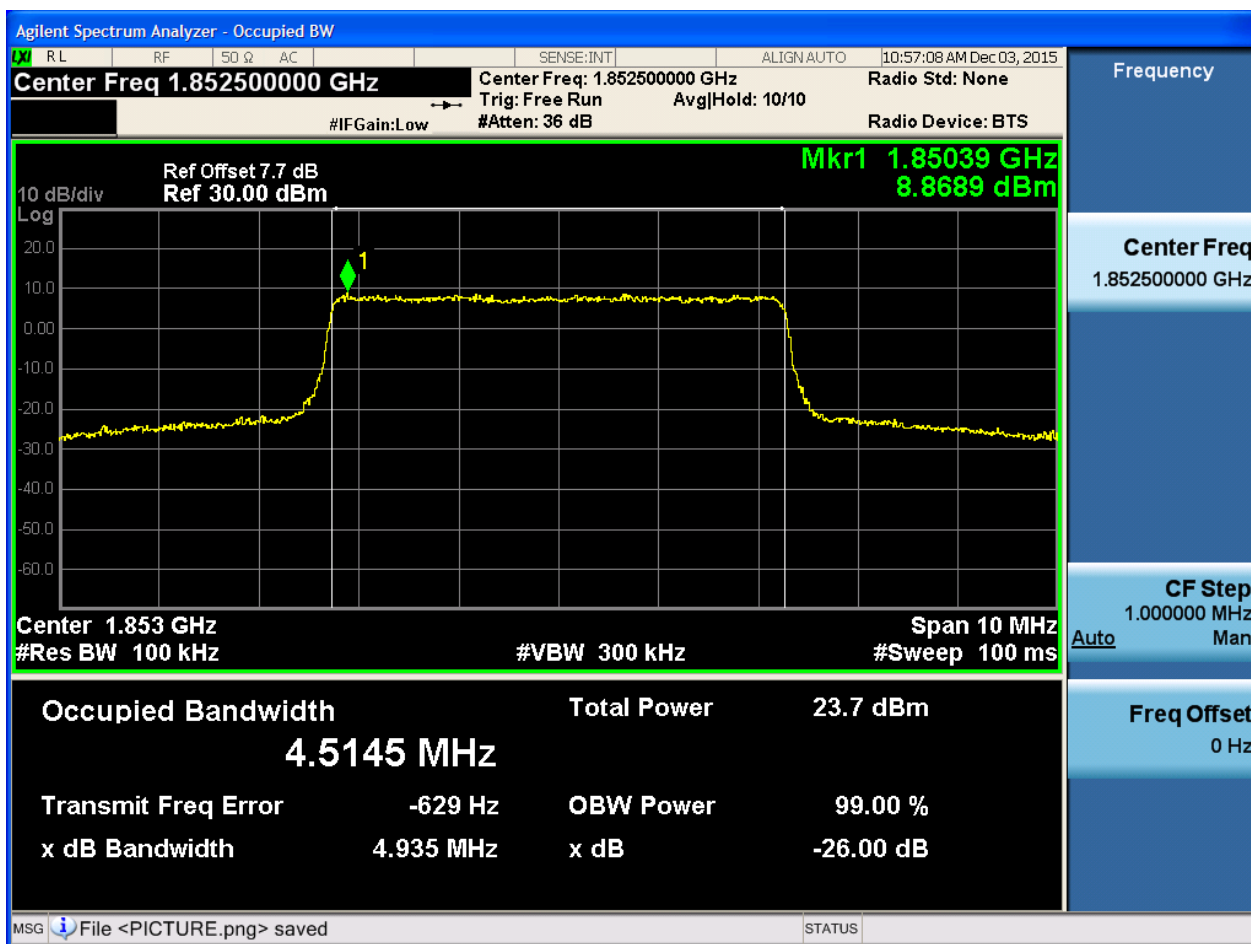




4.1.1.1.3 Test Bandwidth = 5

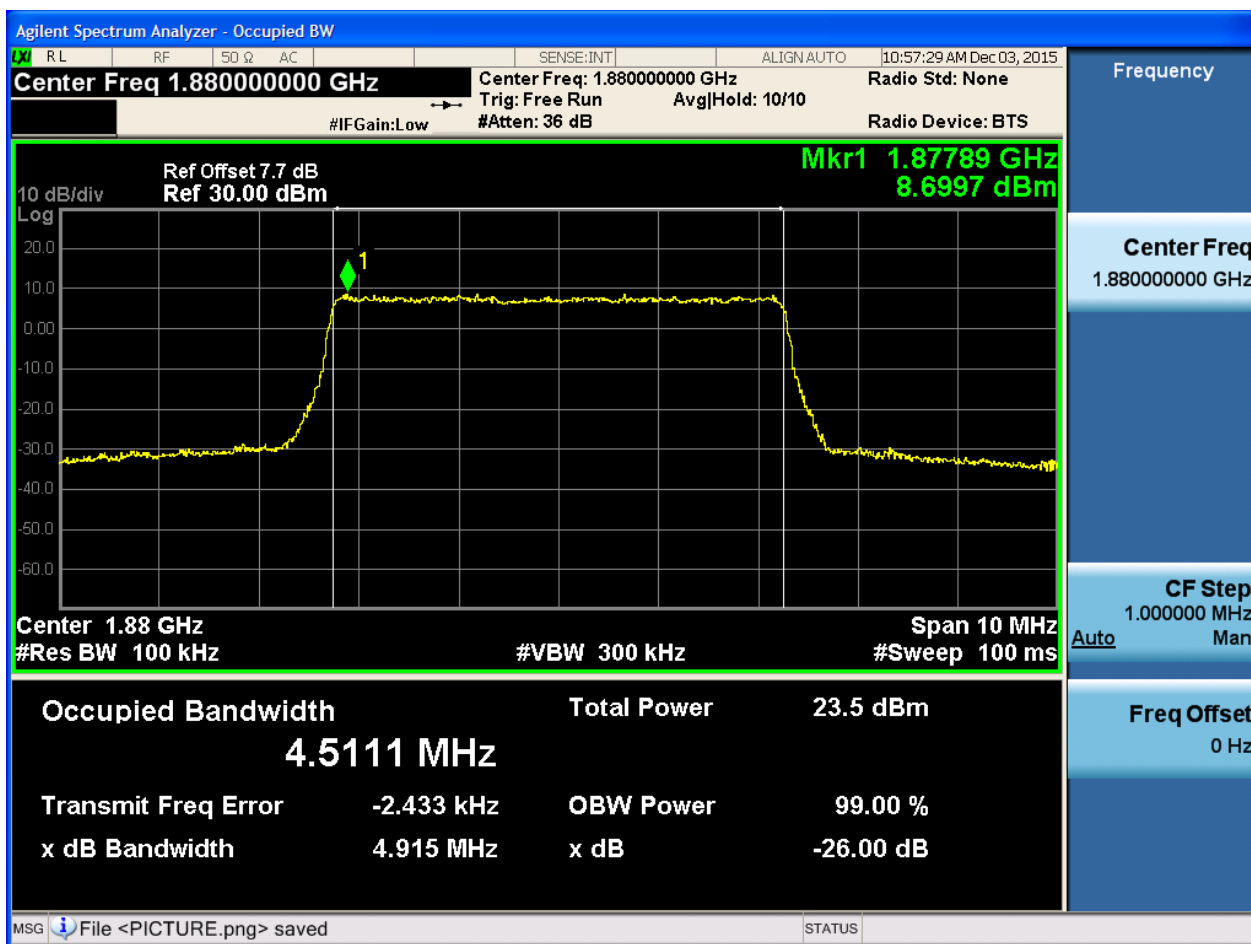
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



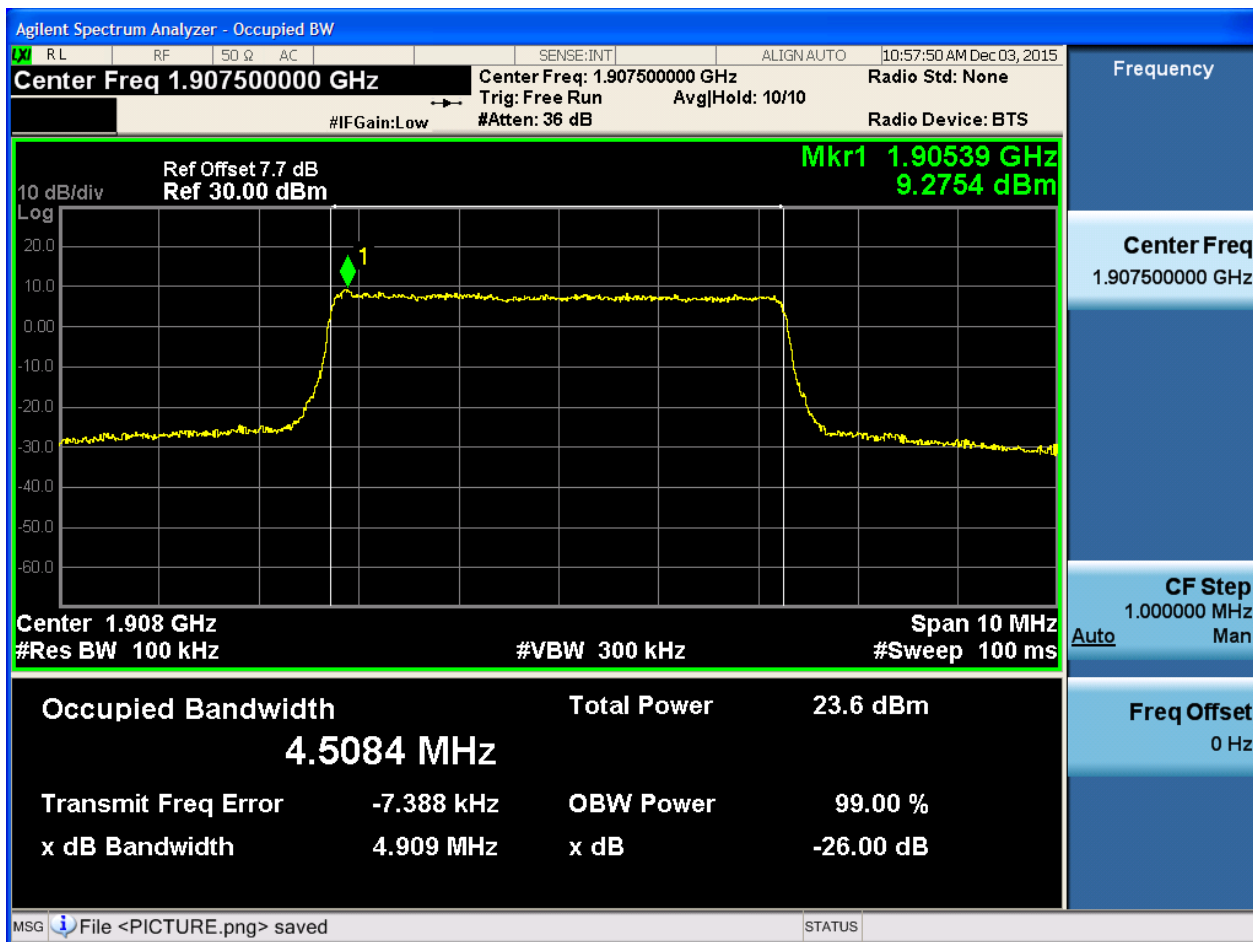
4.1.1.1.3.2 Test Channel = MCH

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

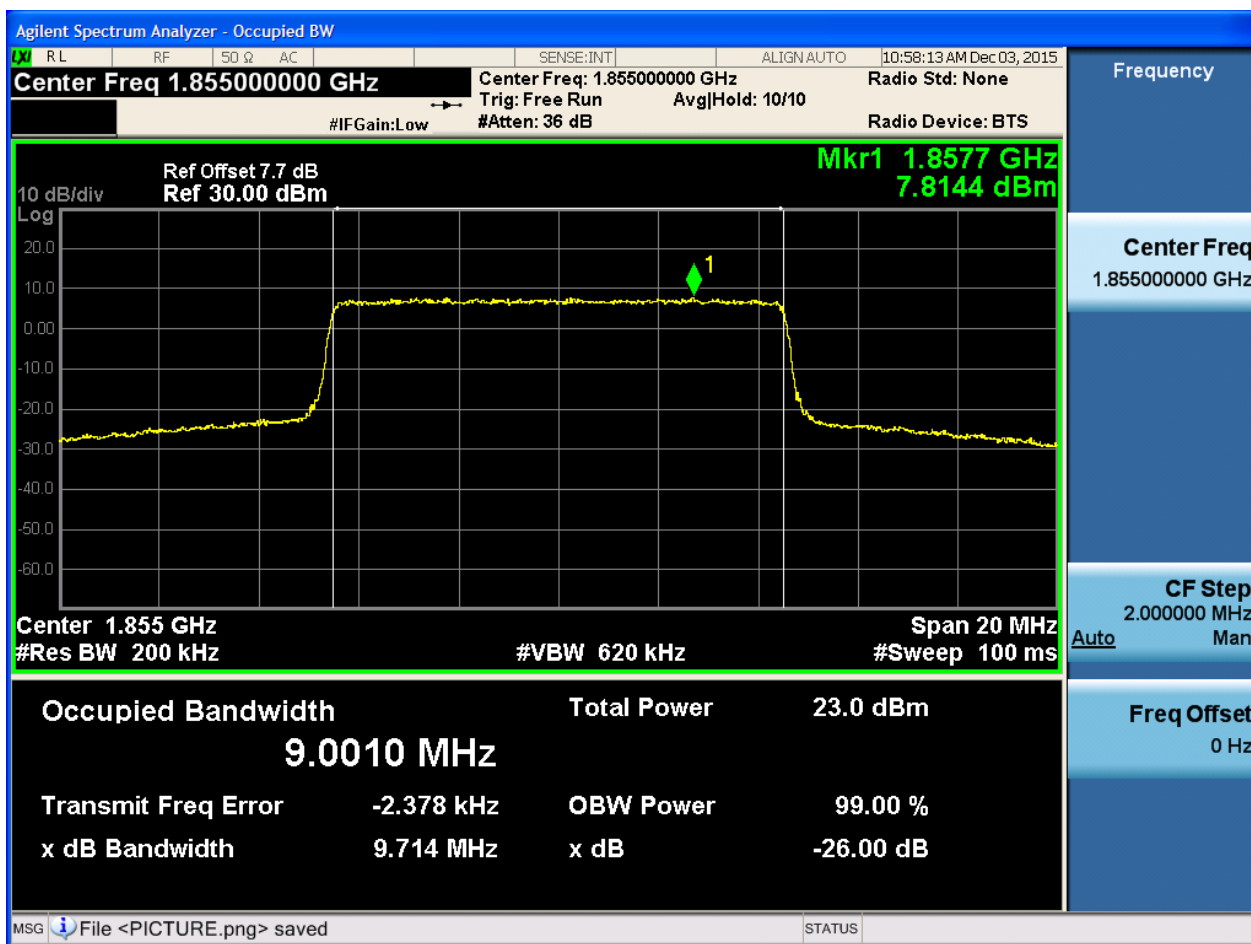




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

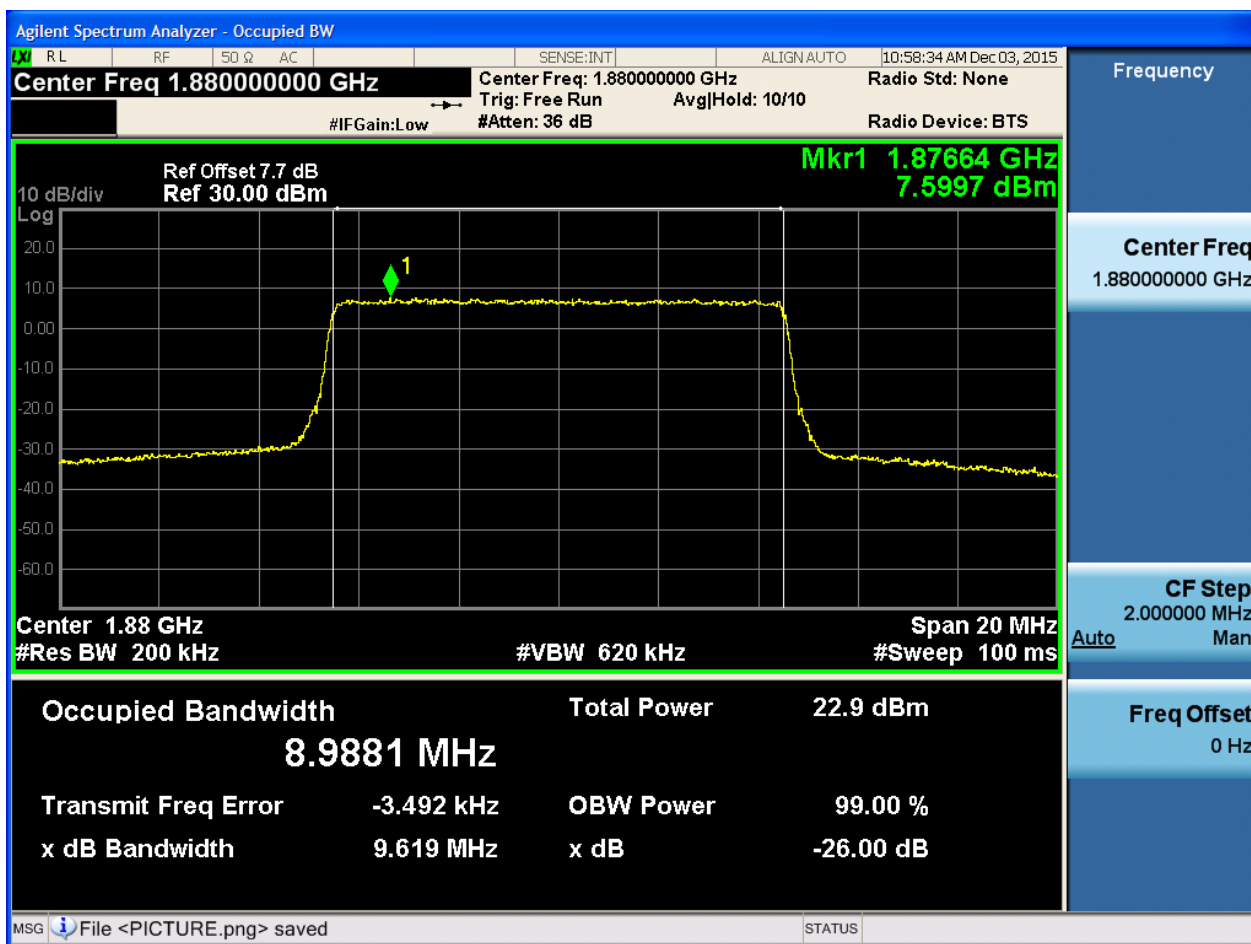
4.1.1.1.4.1.1 Test RB = RB50#0





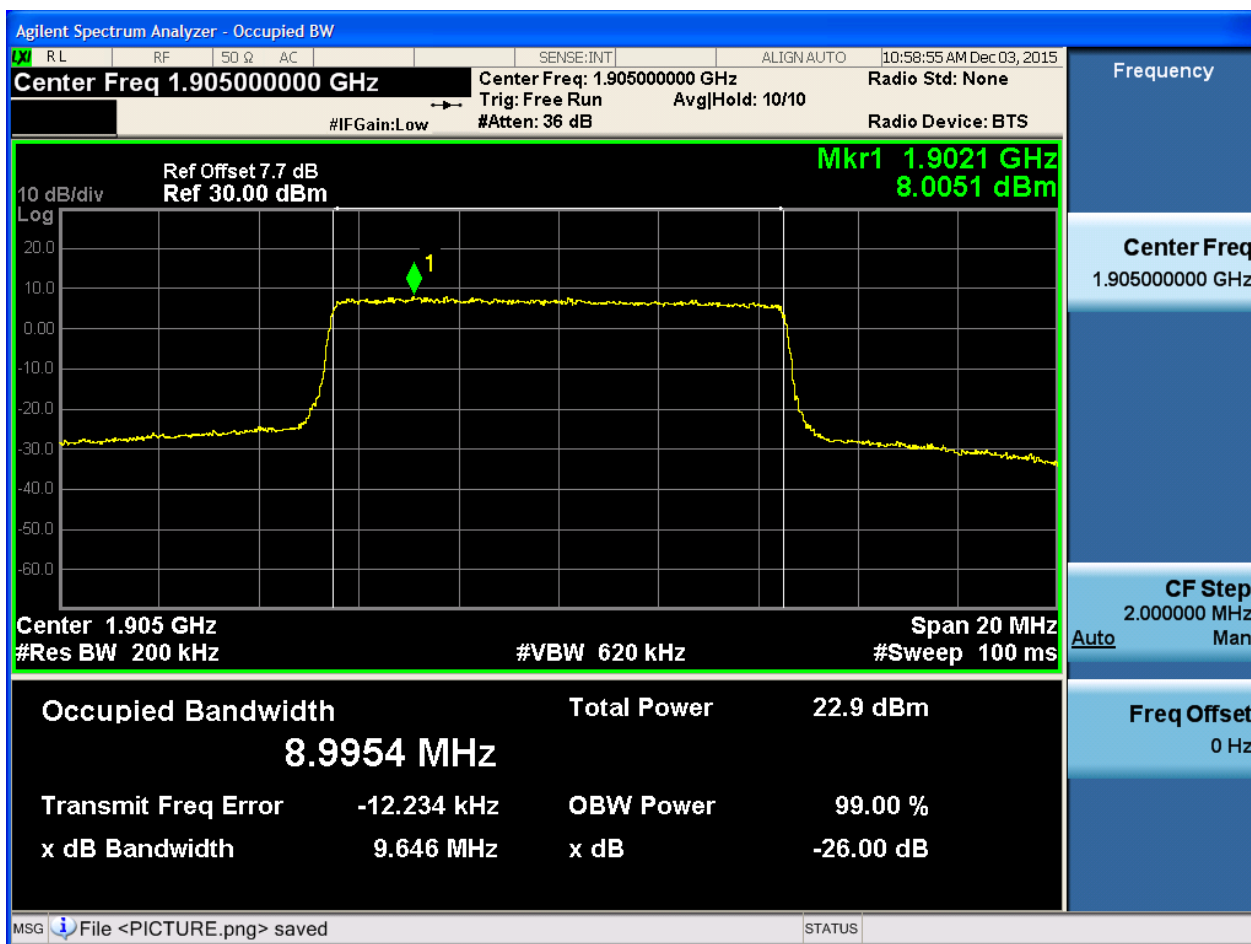
4.1.1.1.4.2 Test Channel = MCH

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

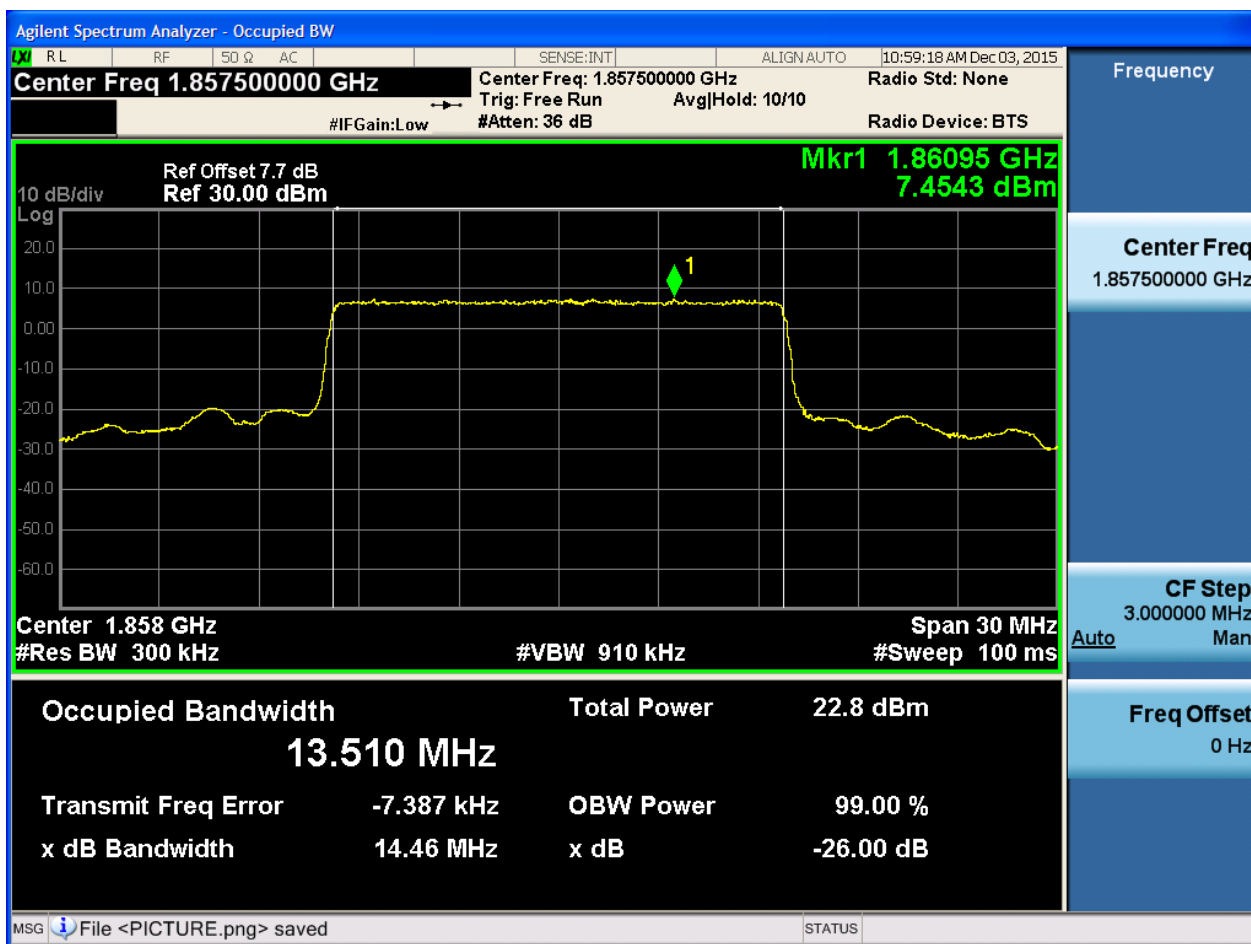




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

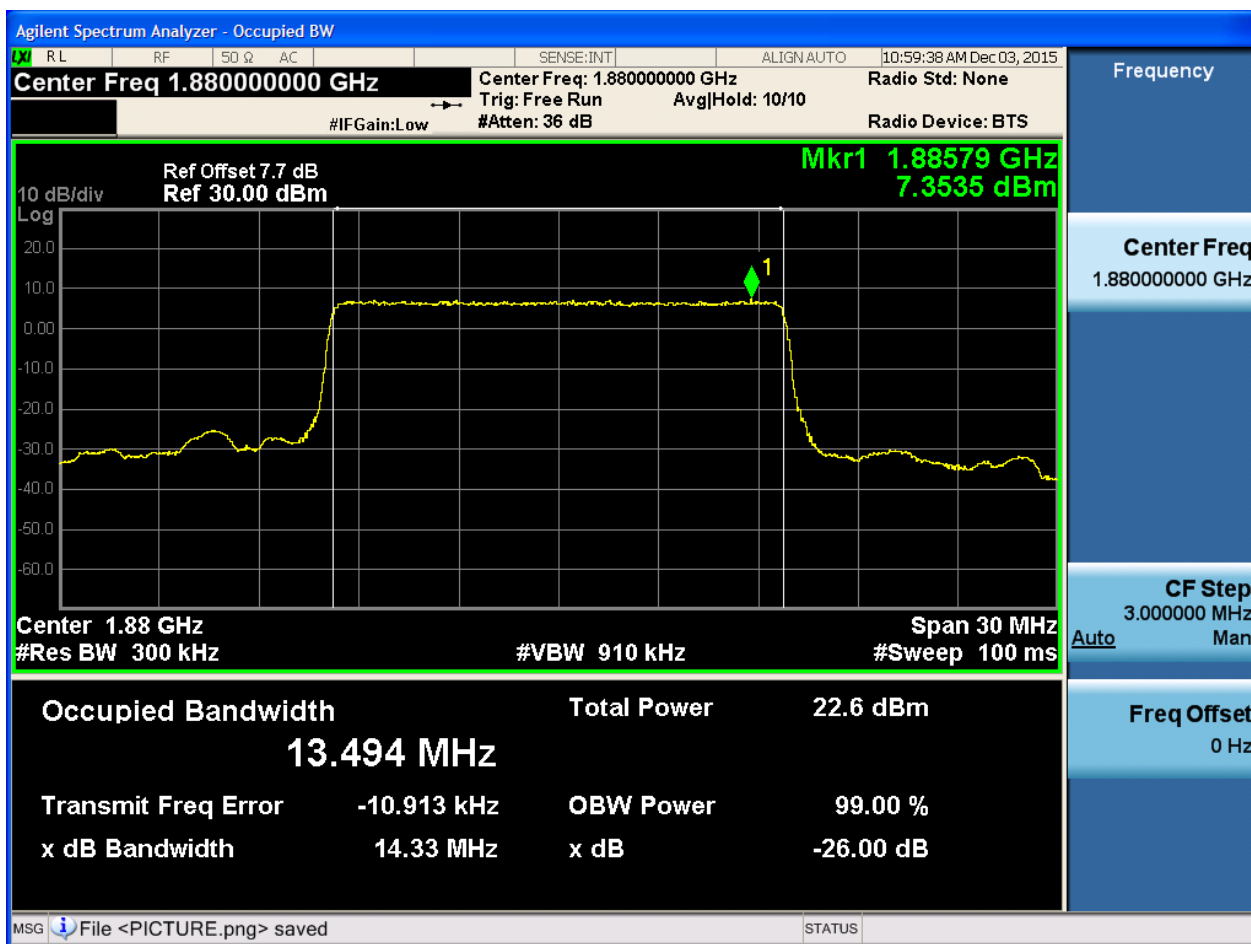
4.1.1.1.5.1.1 Test RB = RB75#0





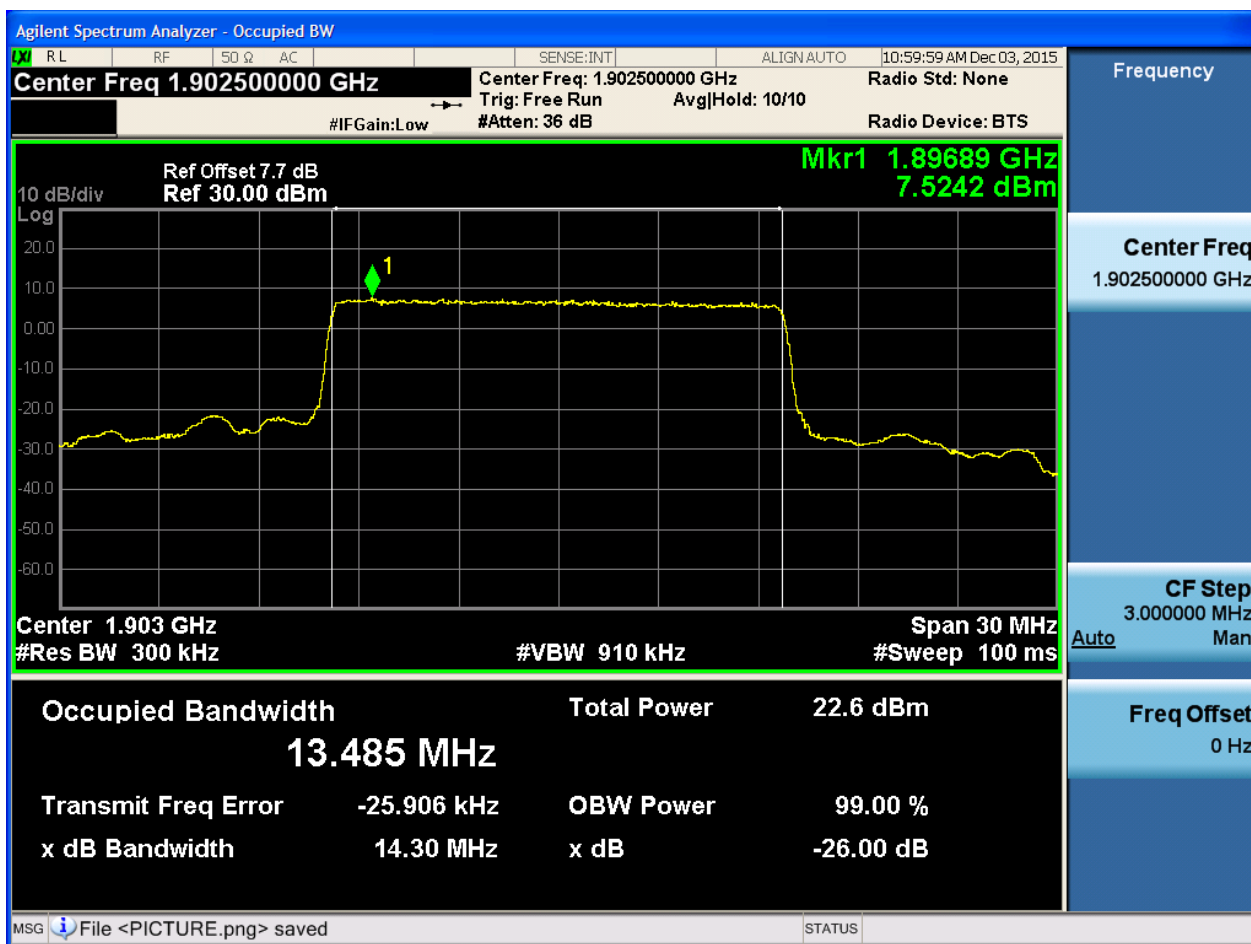
4.1.1.1.5.2 Test Channel = MCH

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

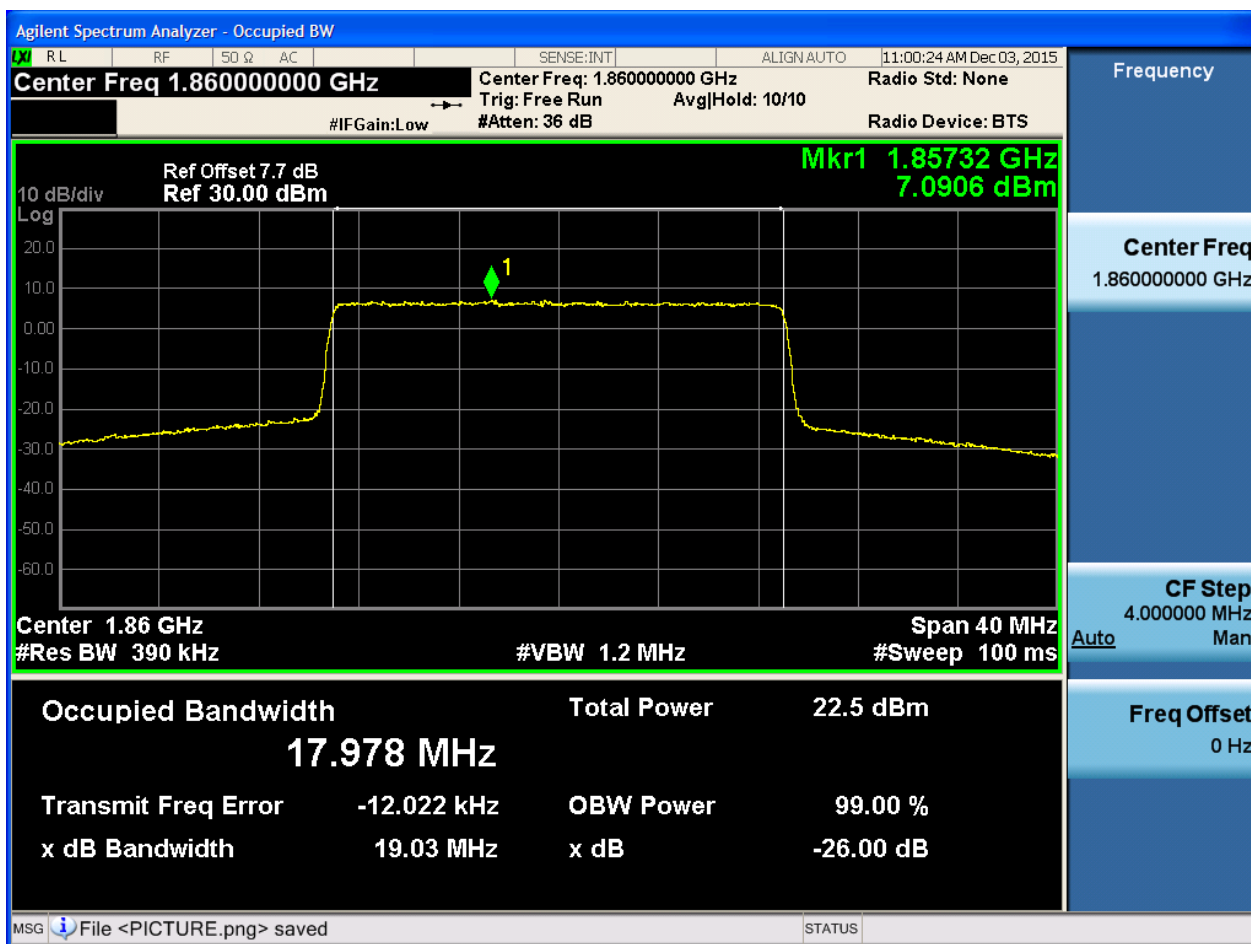




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

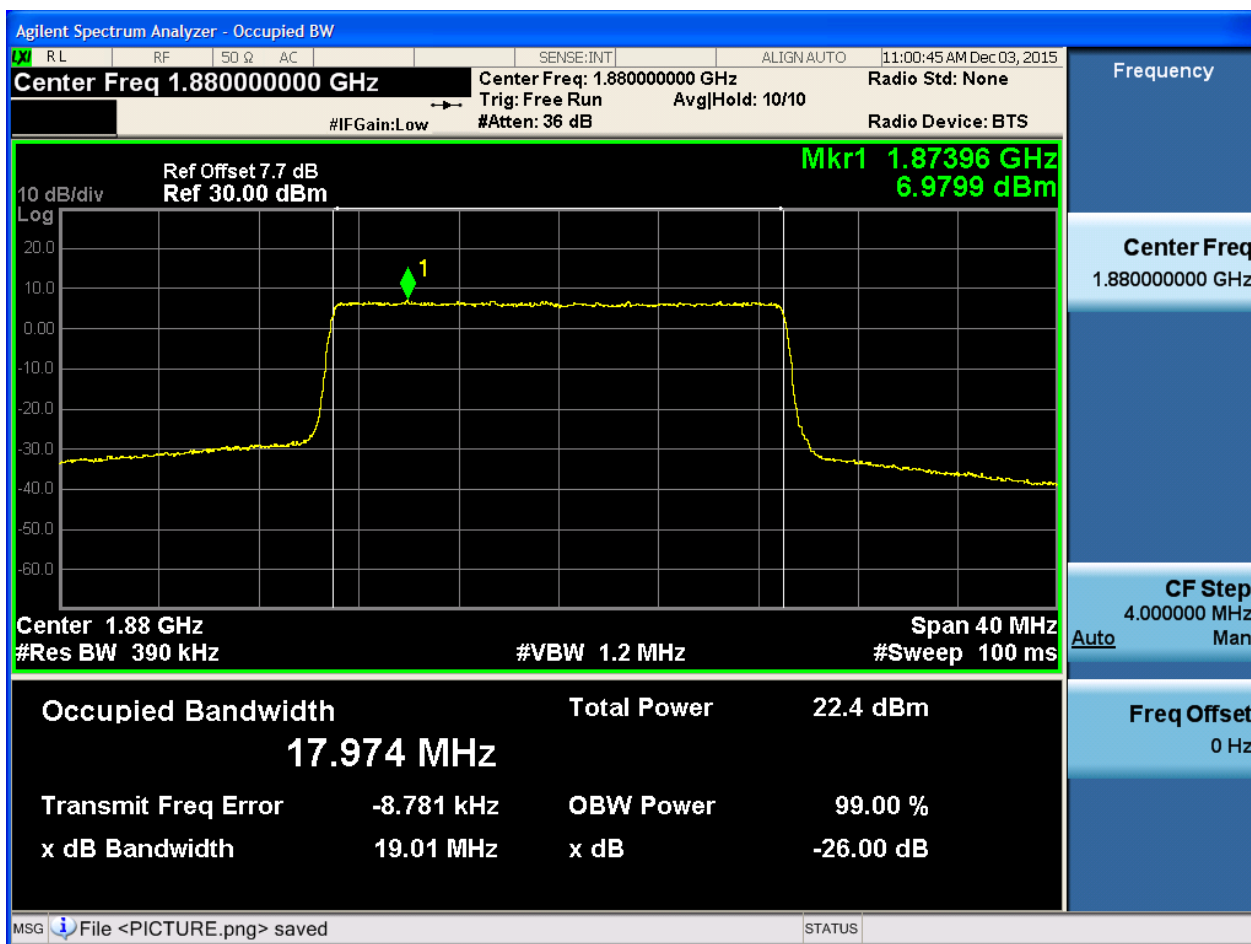
4.1.1.1.6.1.1 Test RB = RB100#0





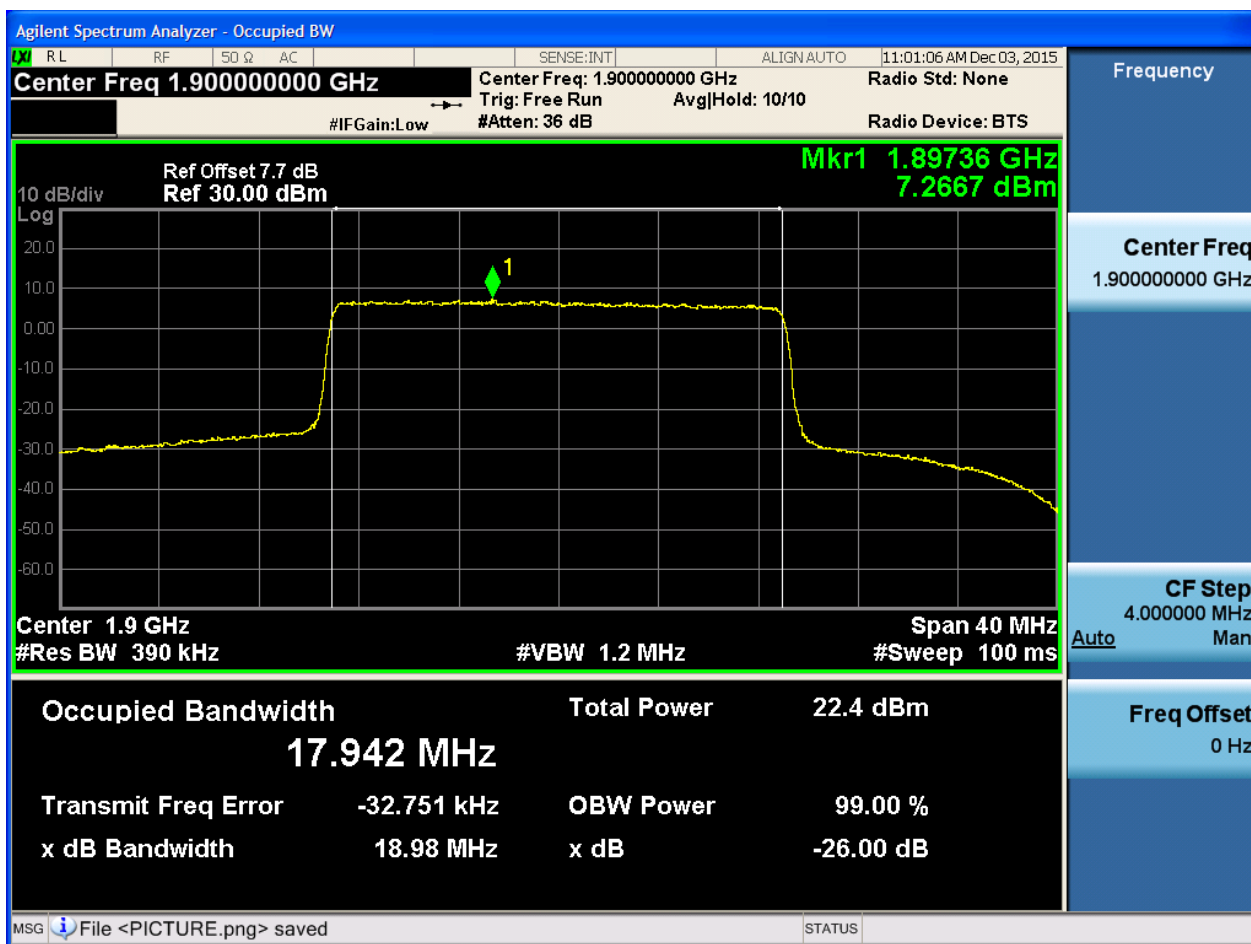
4.1.1.1.6.2 Test Channel = MCH

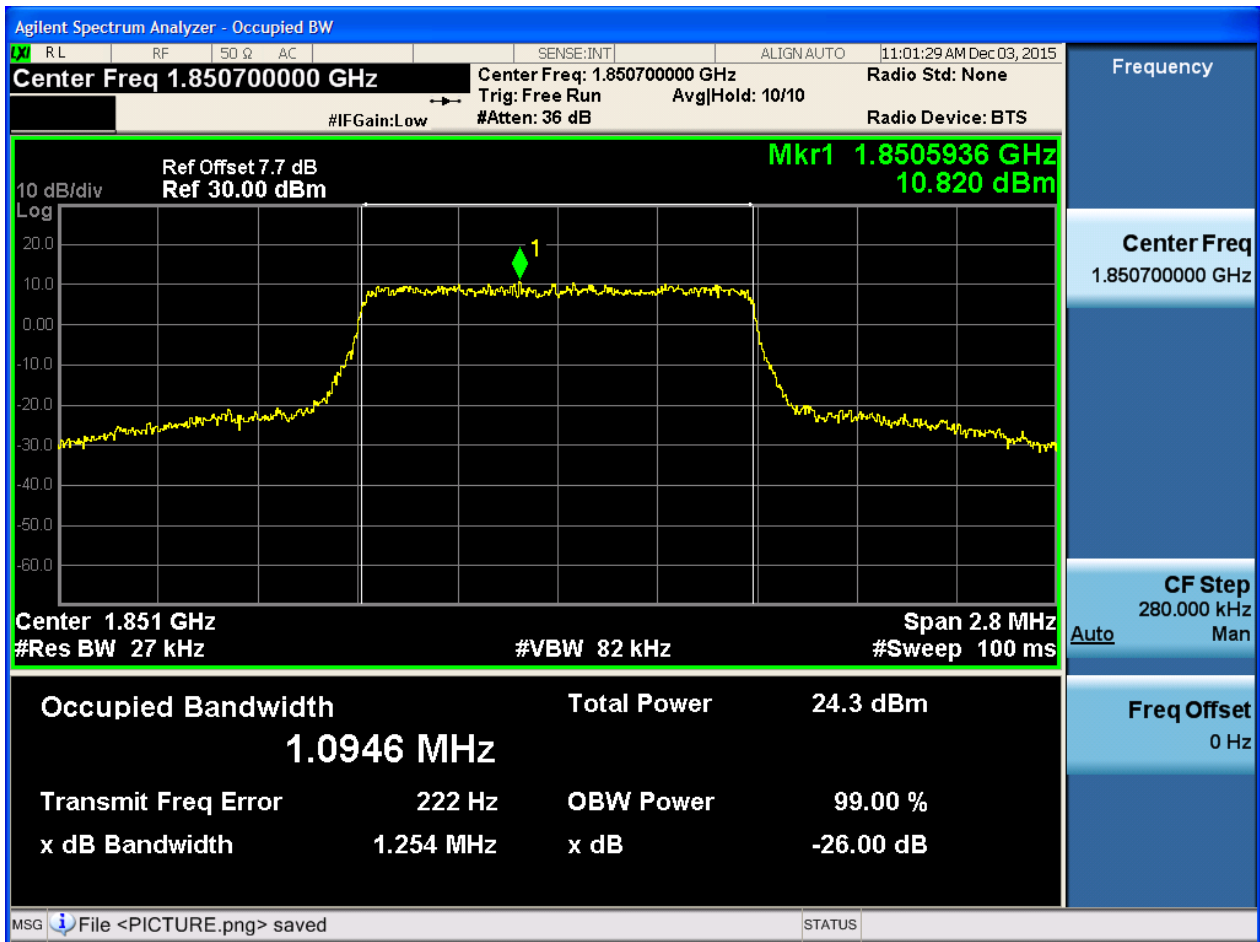
4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

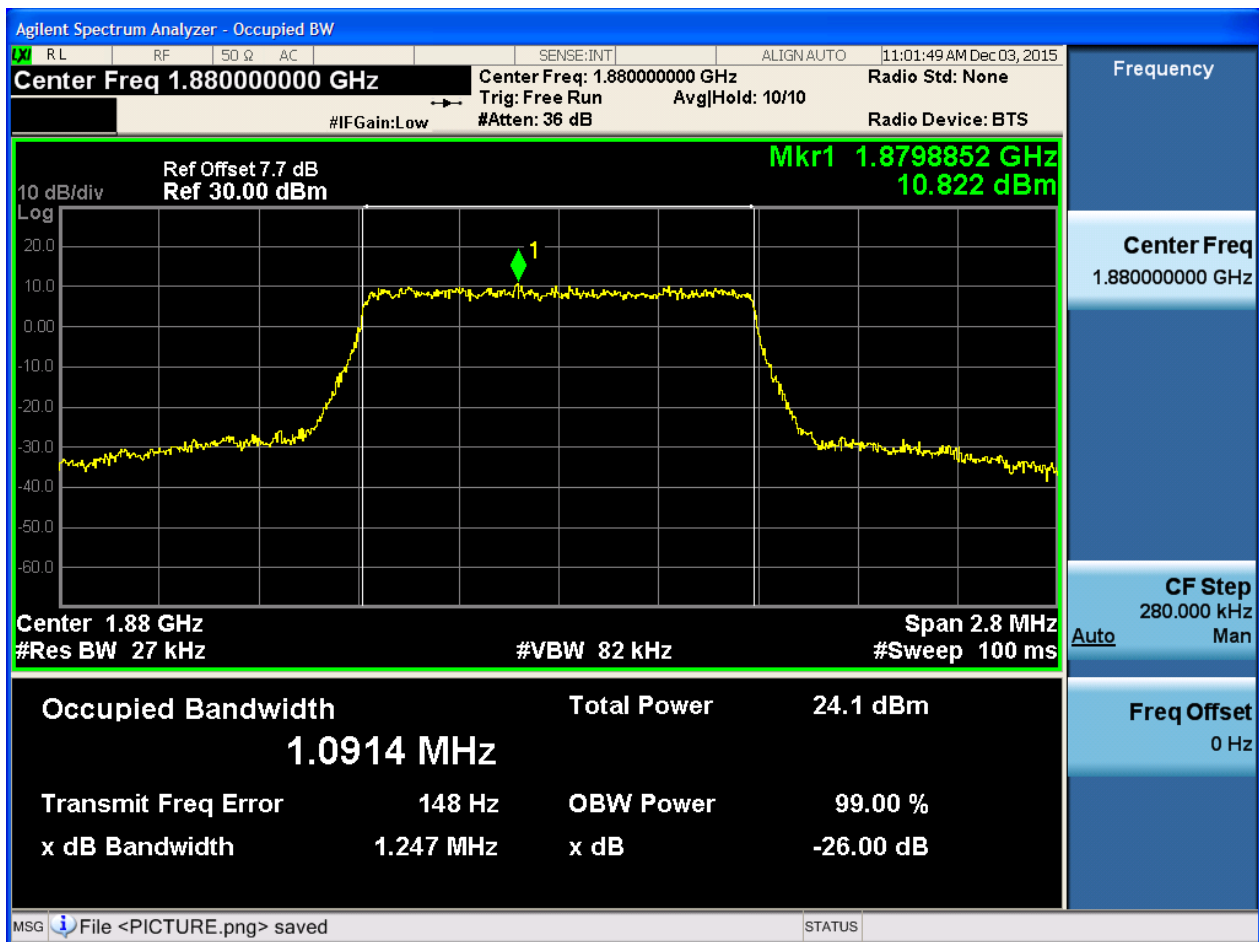
4.1.1.1.6.3.1 Test RB = RB100#0





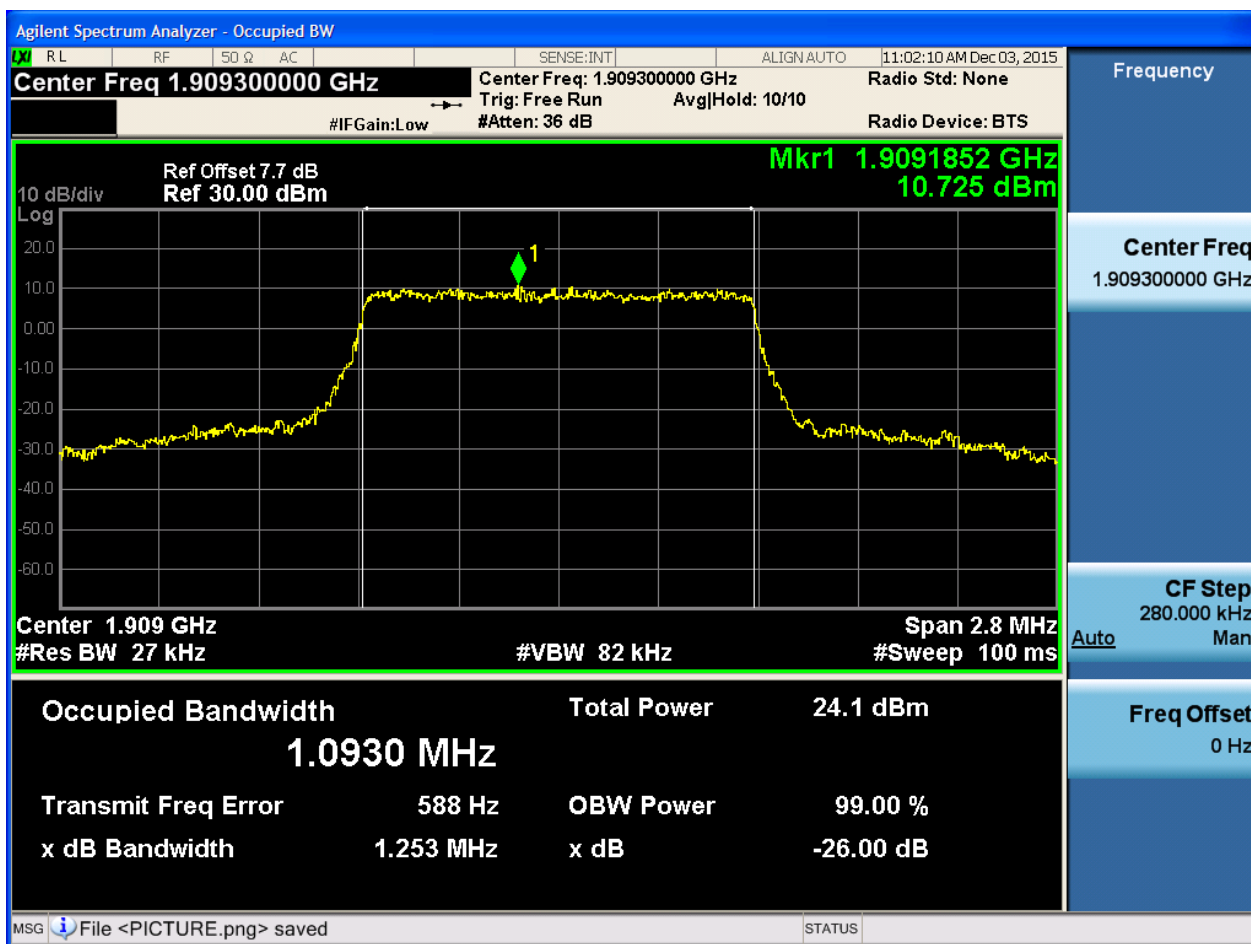
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

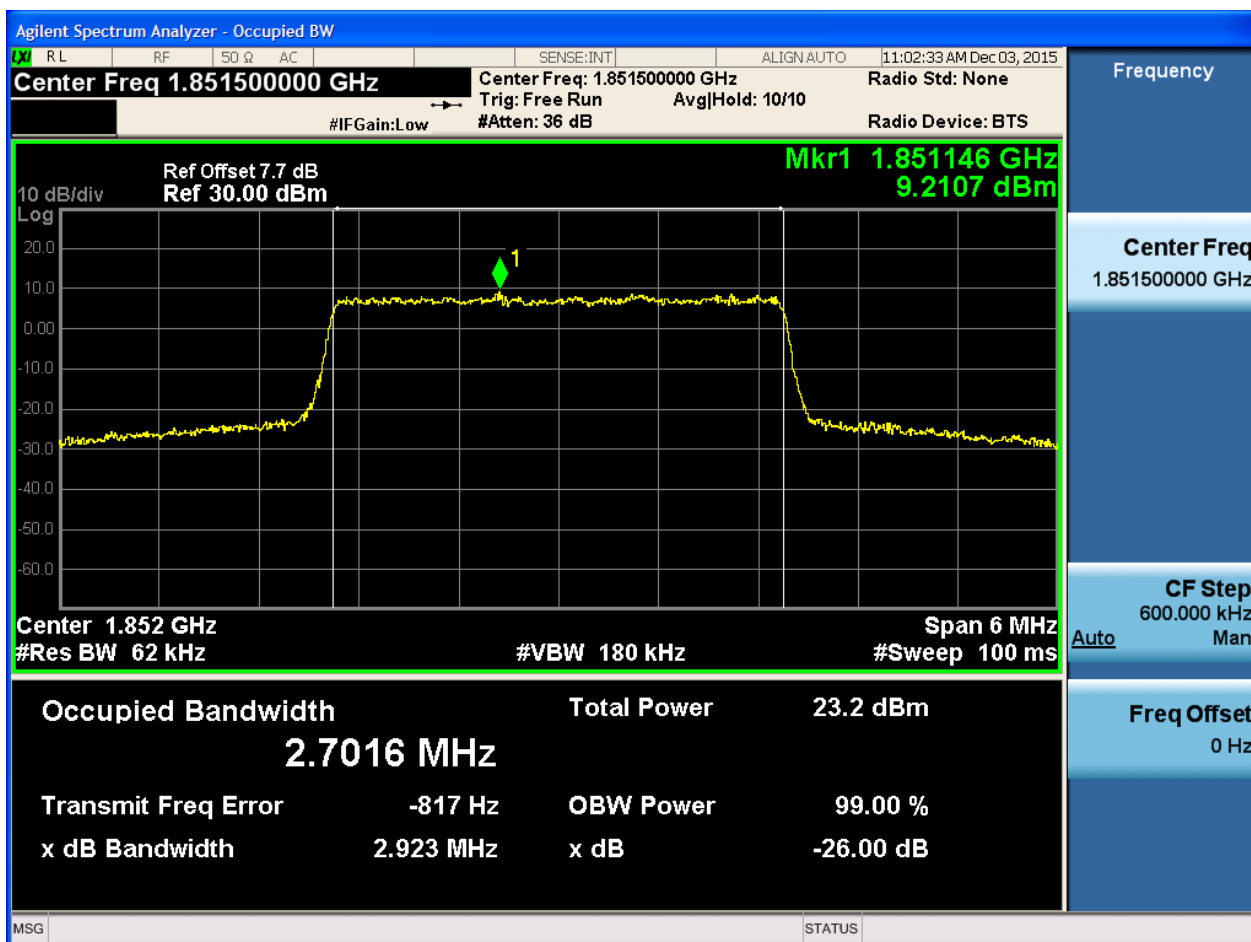
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

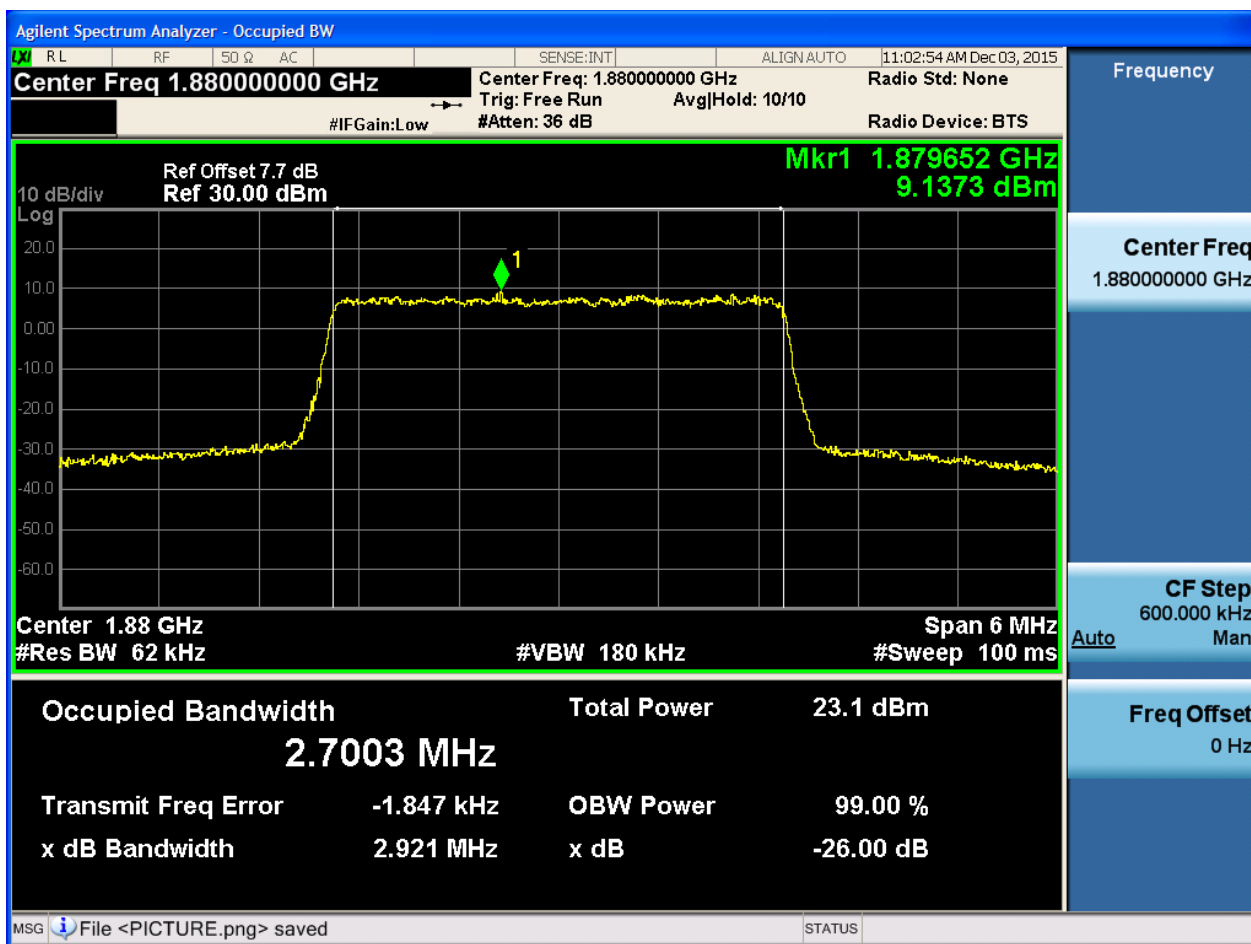
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2.2 Test Channel = MCH

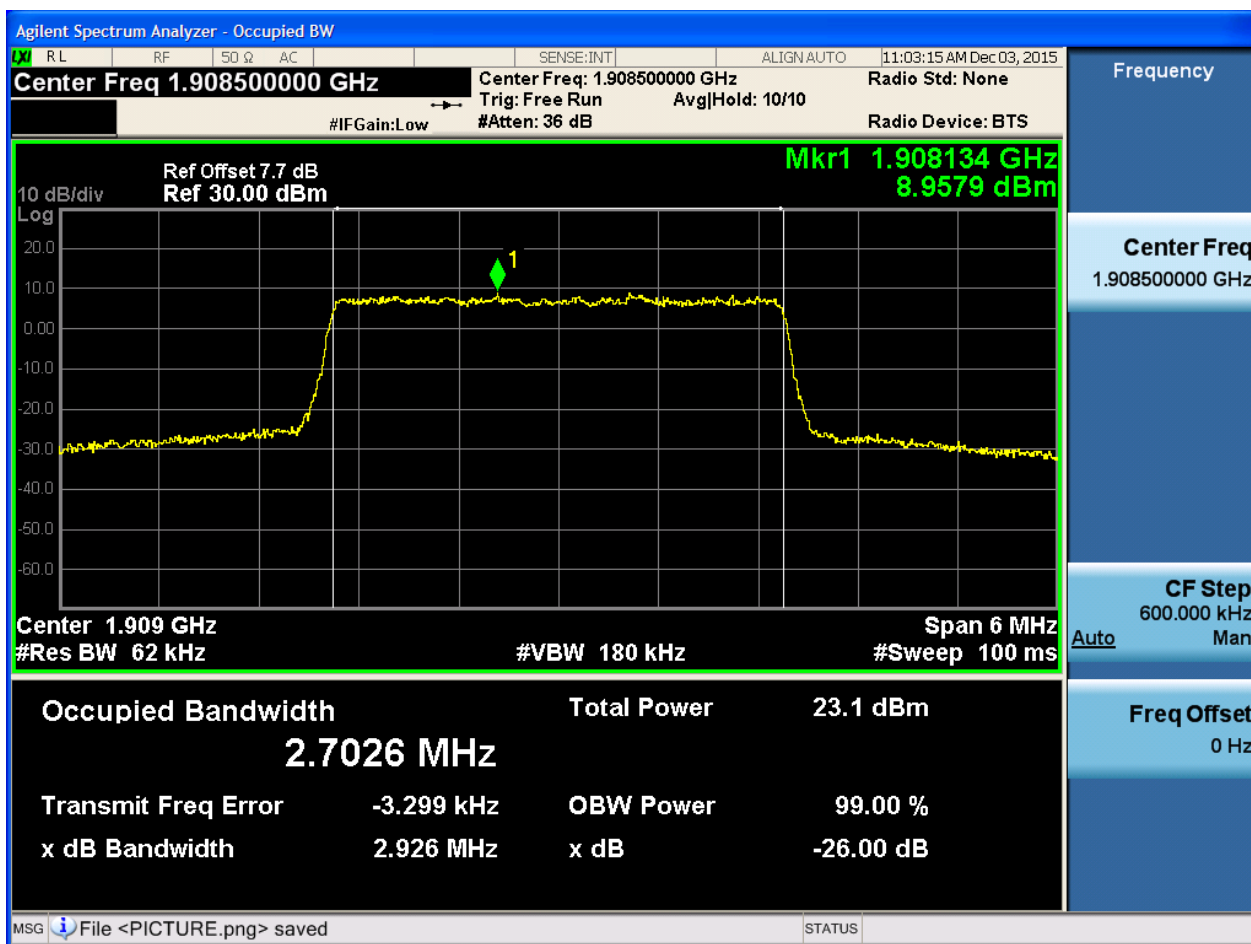
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

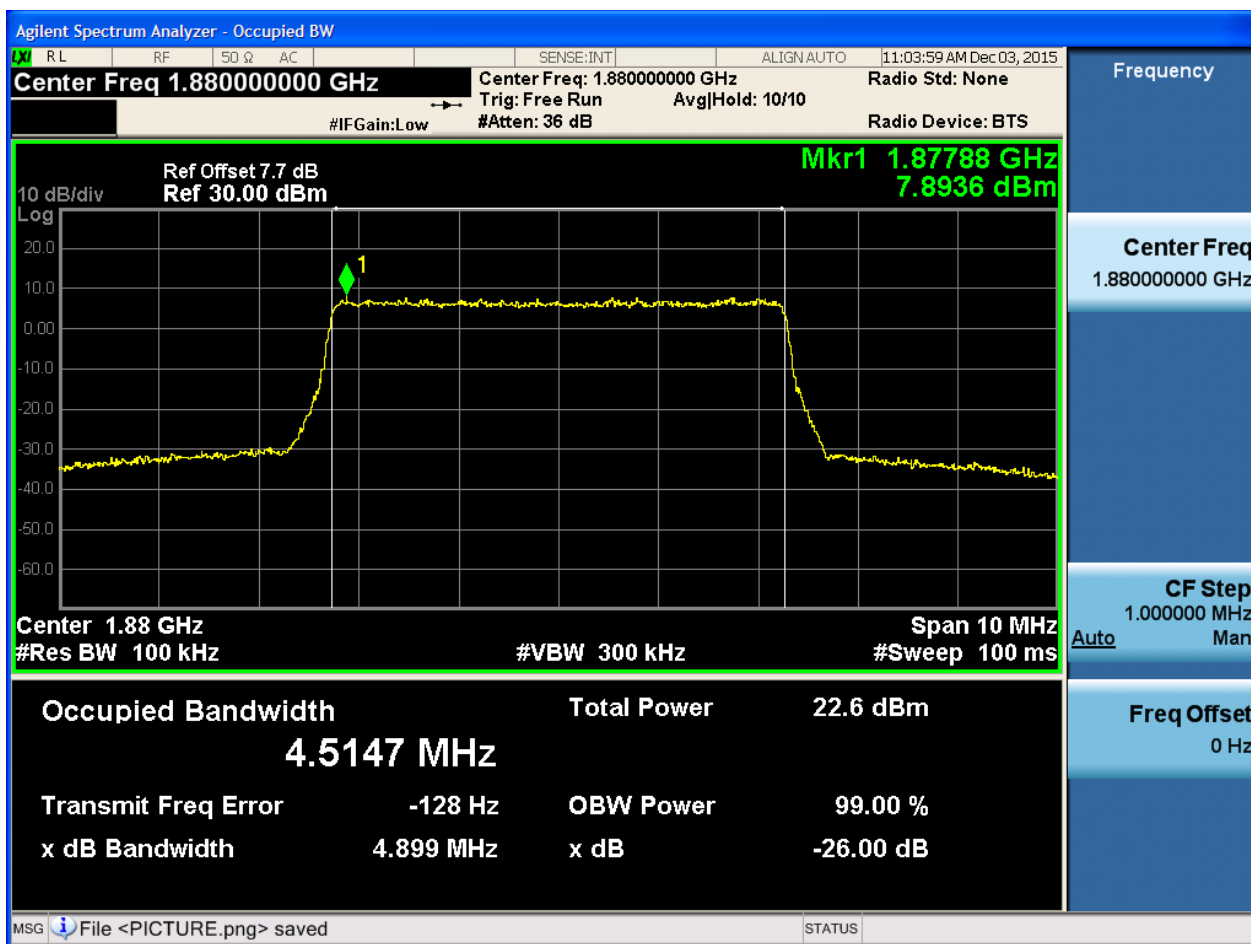
4.1.1.2.2.3.1 Test RB = RB15#0





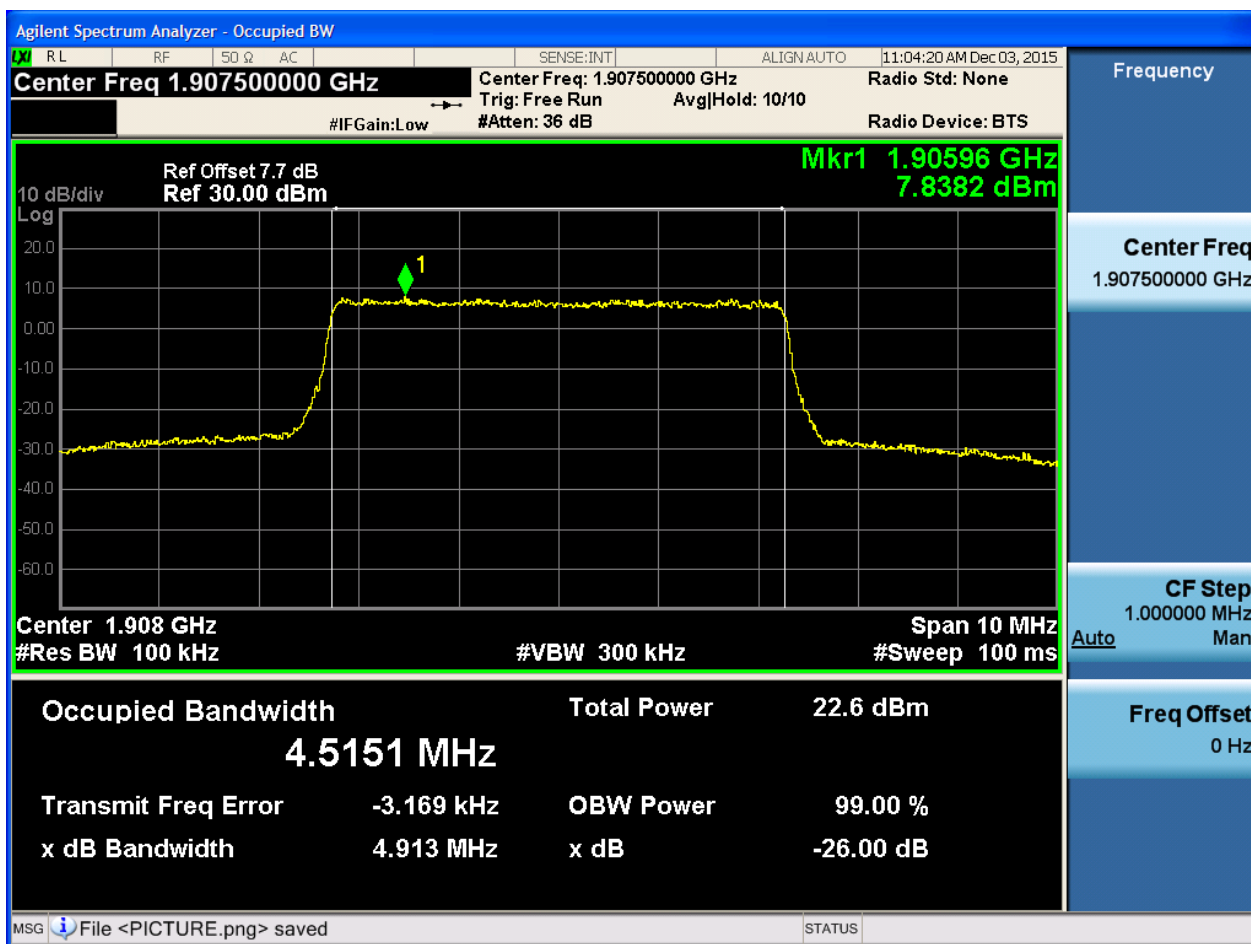
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

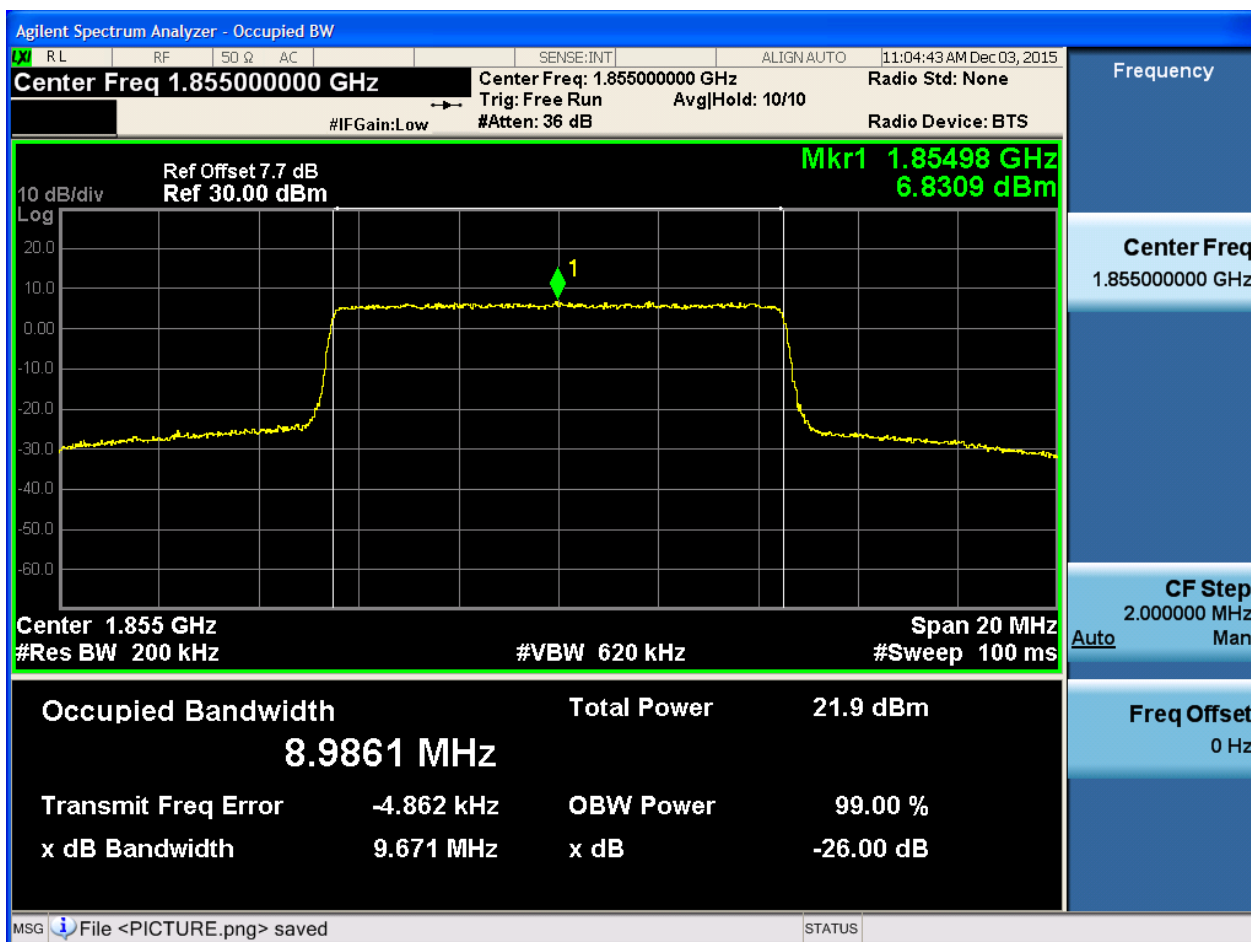
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

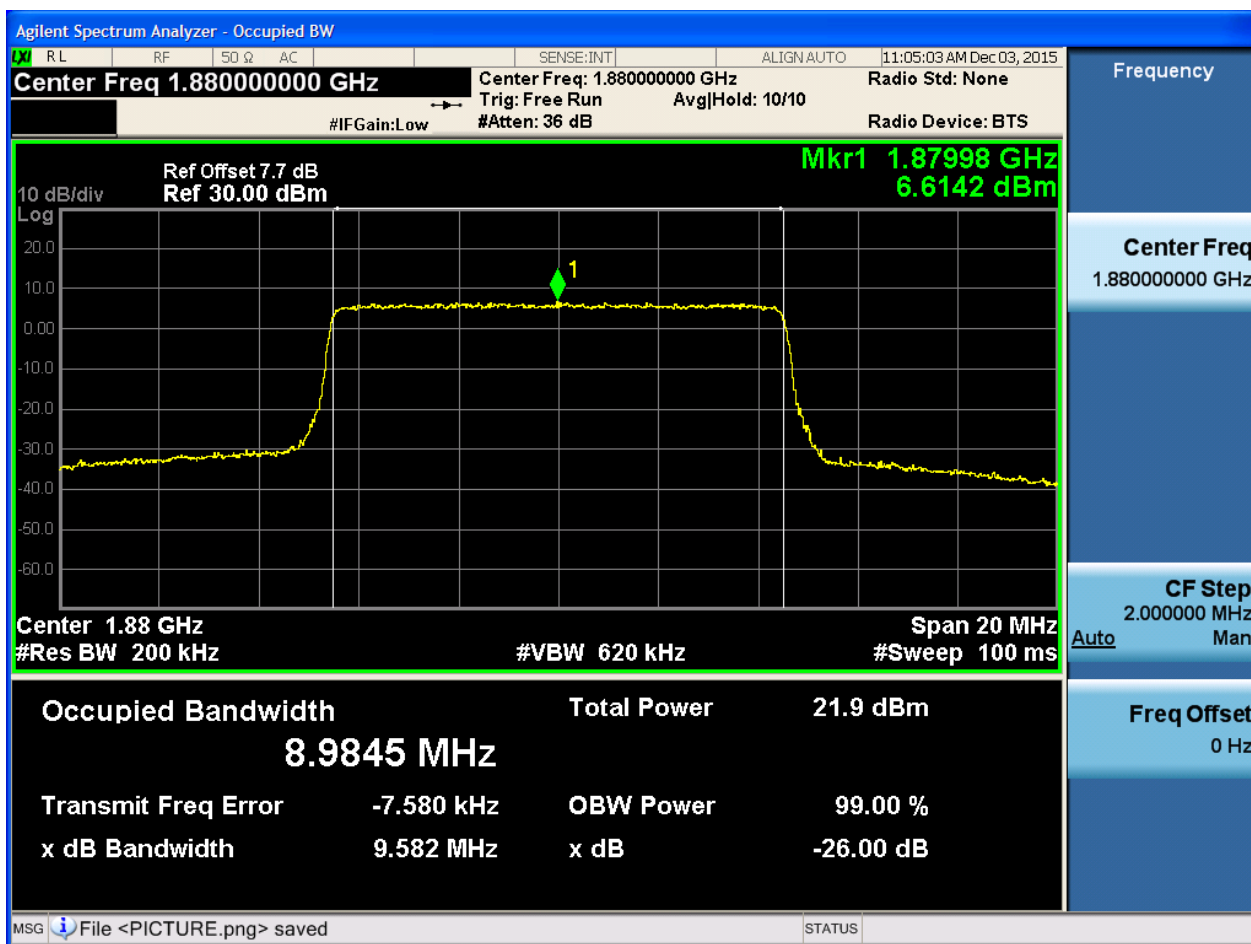
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



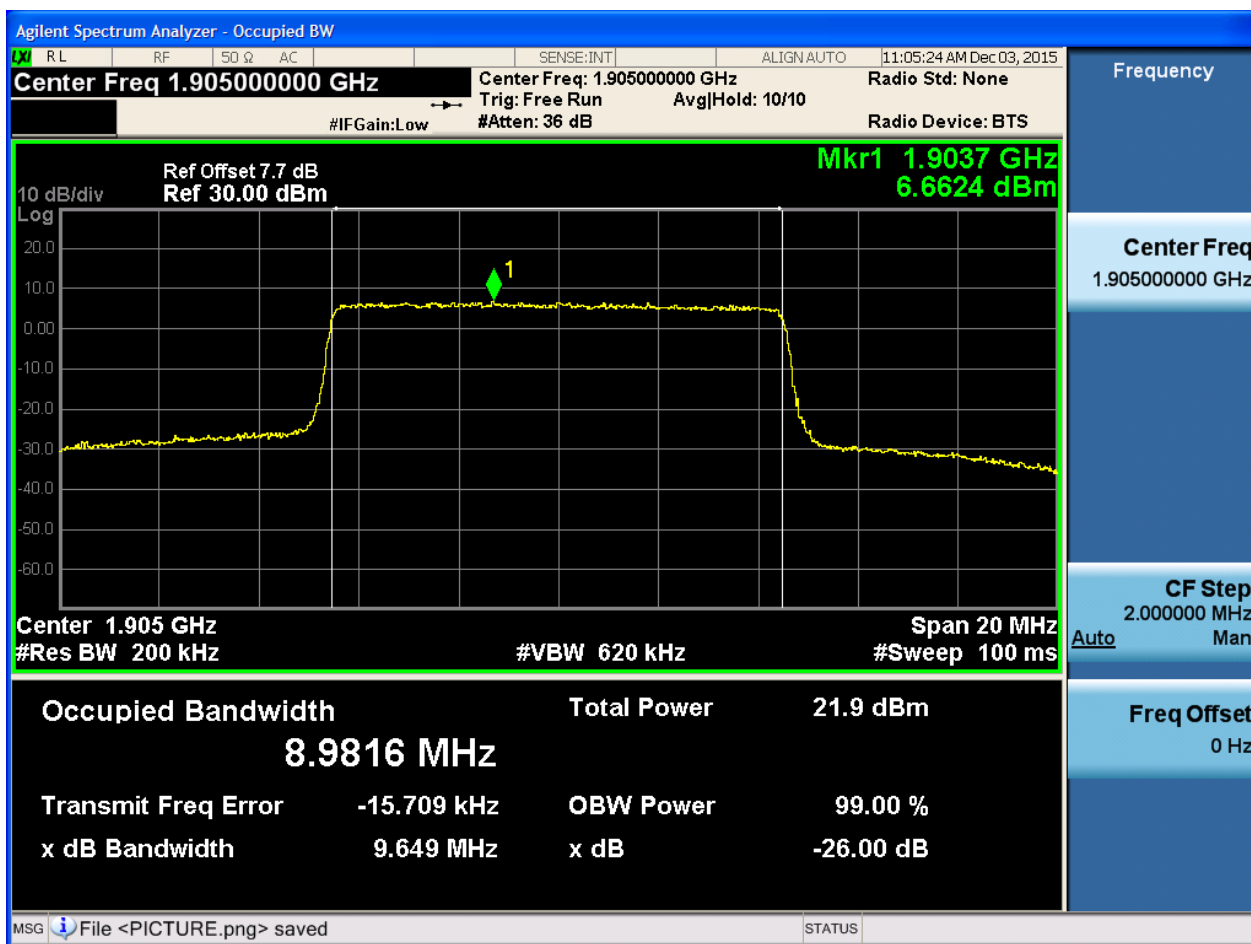
4.1.1.2.4.2 Test Channel = MCH

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

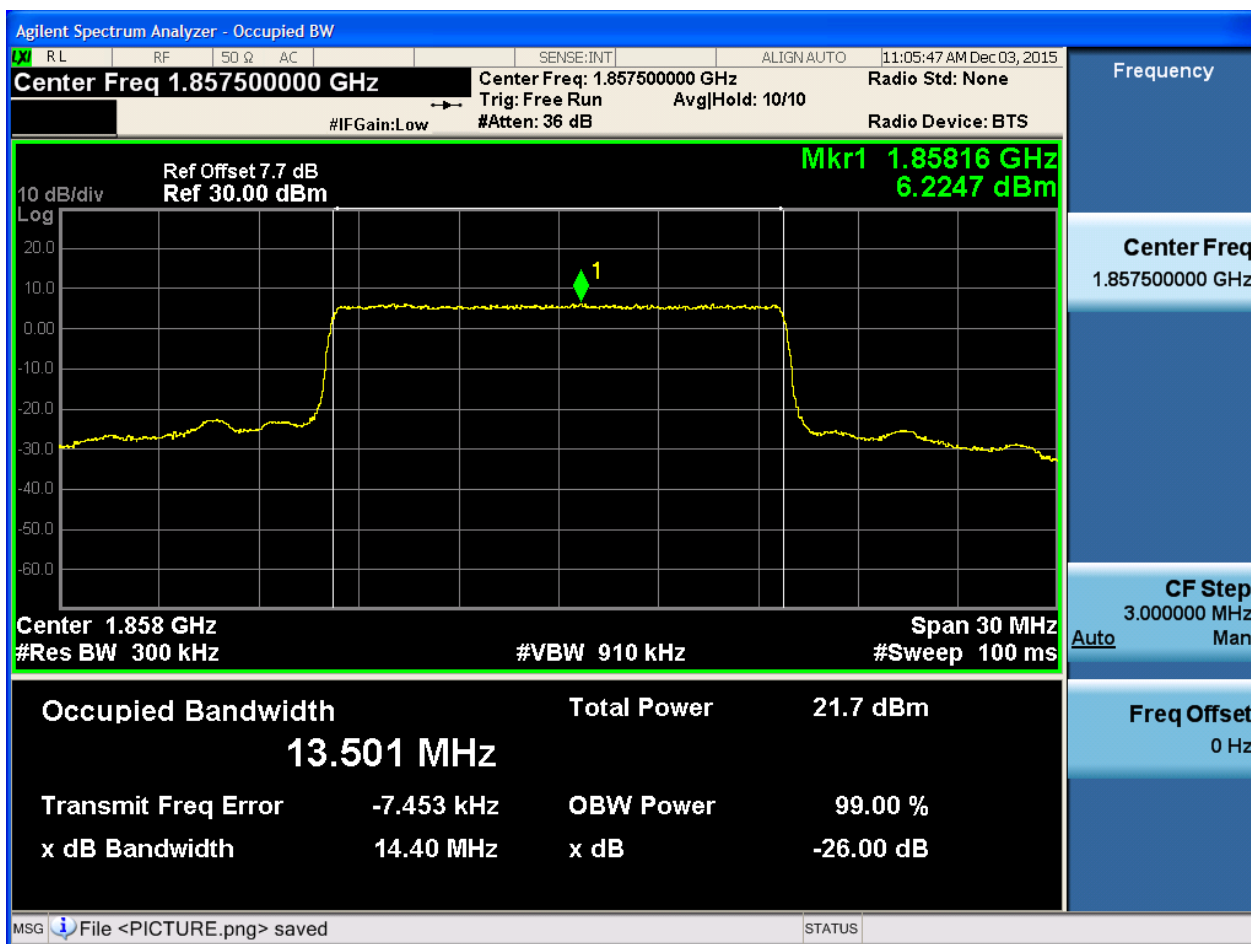




4.1.1.2.5 Test Bandwidth = 15

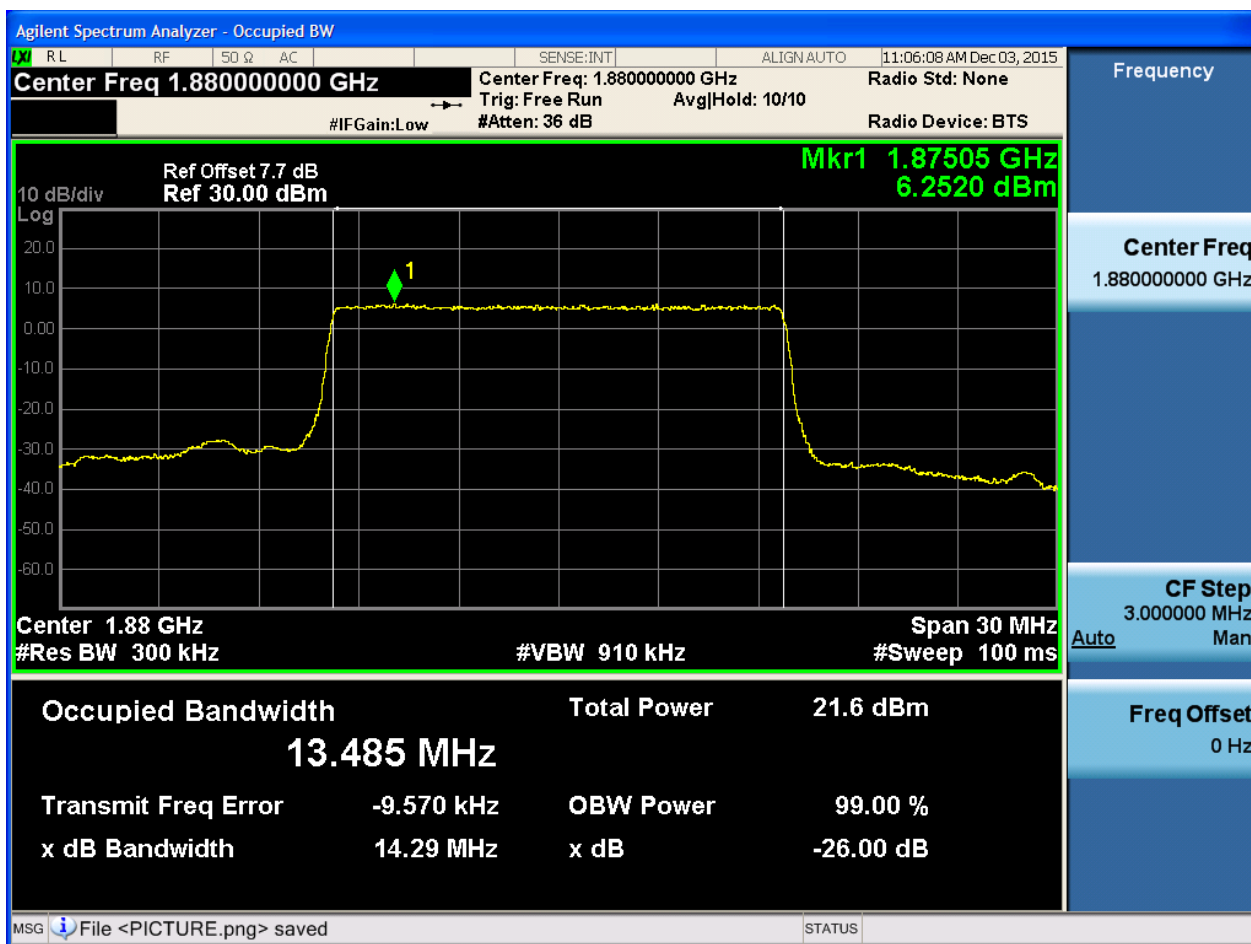
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

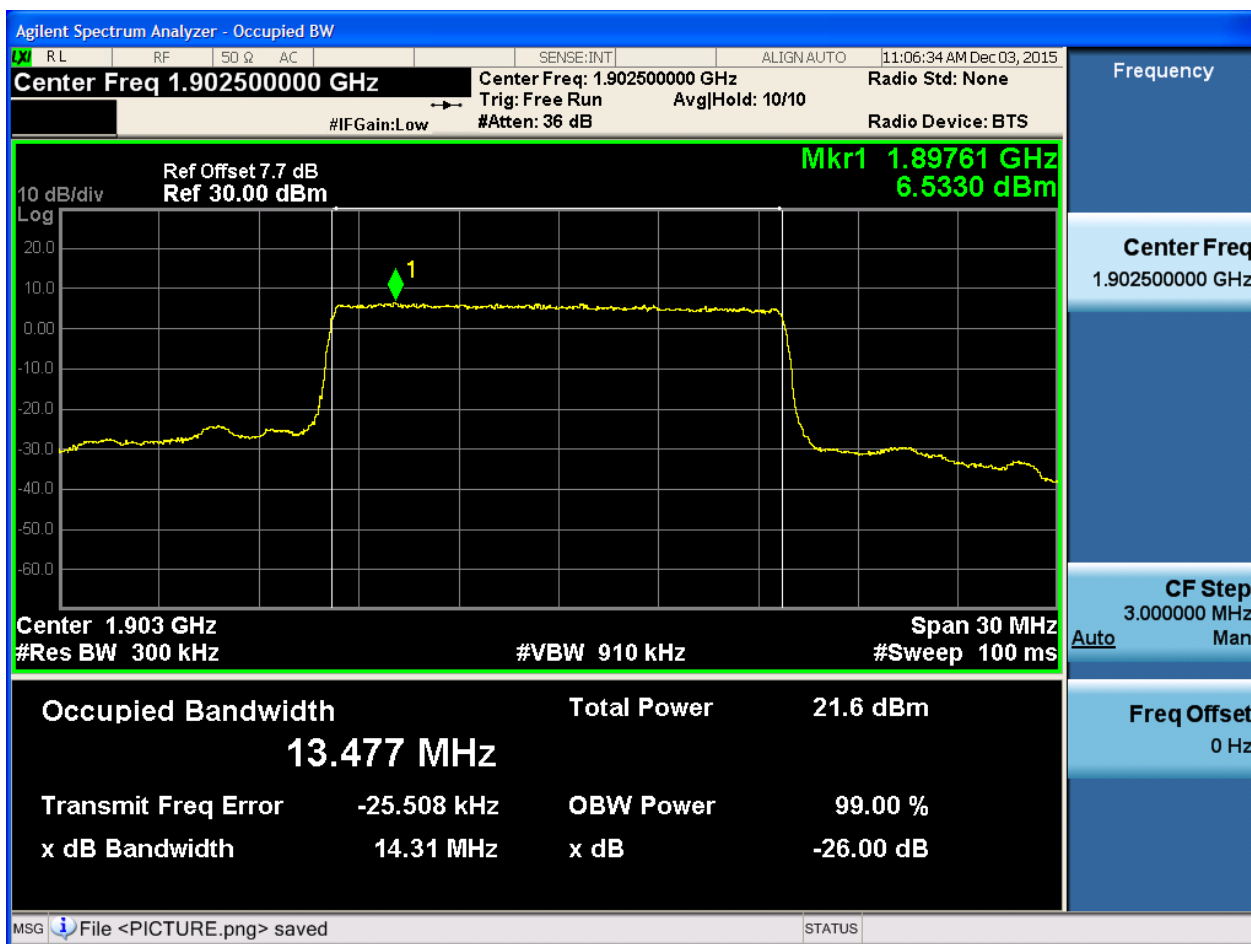
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

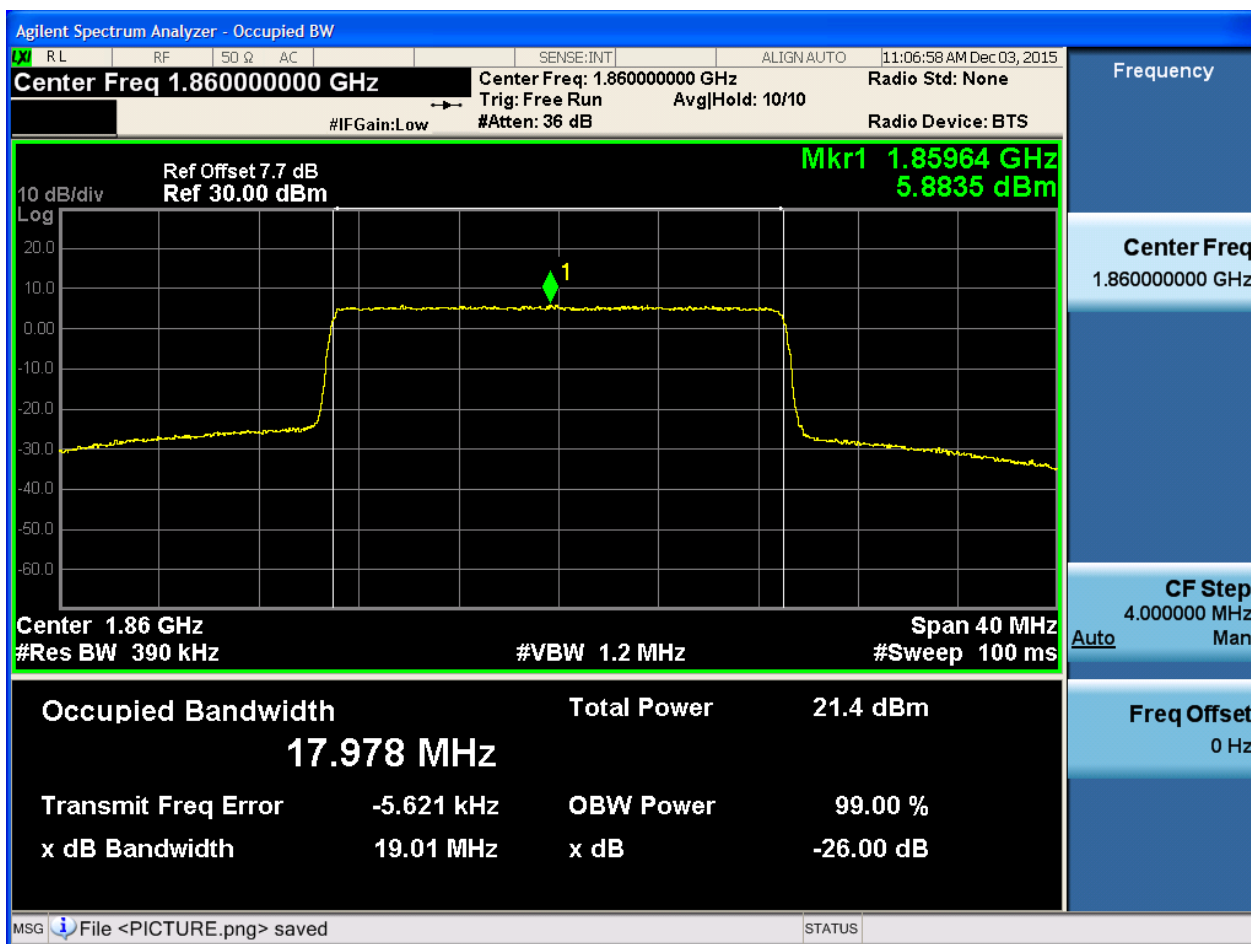




4.1.1.2.6 Test Bandwidth = 20

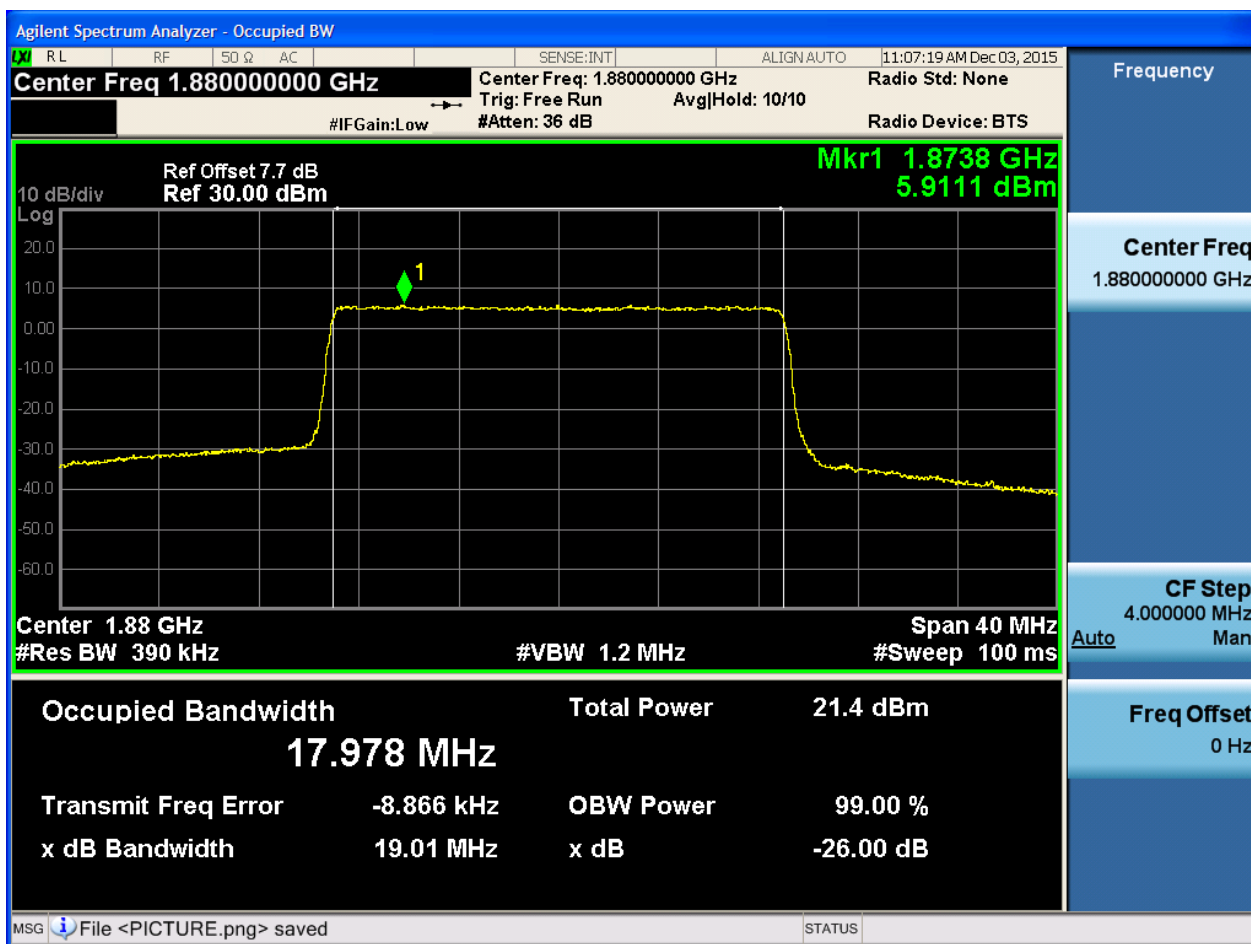
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



4.1.1.2.6.2 Test Channel = MCH

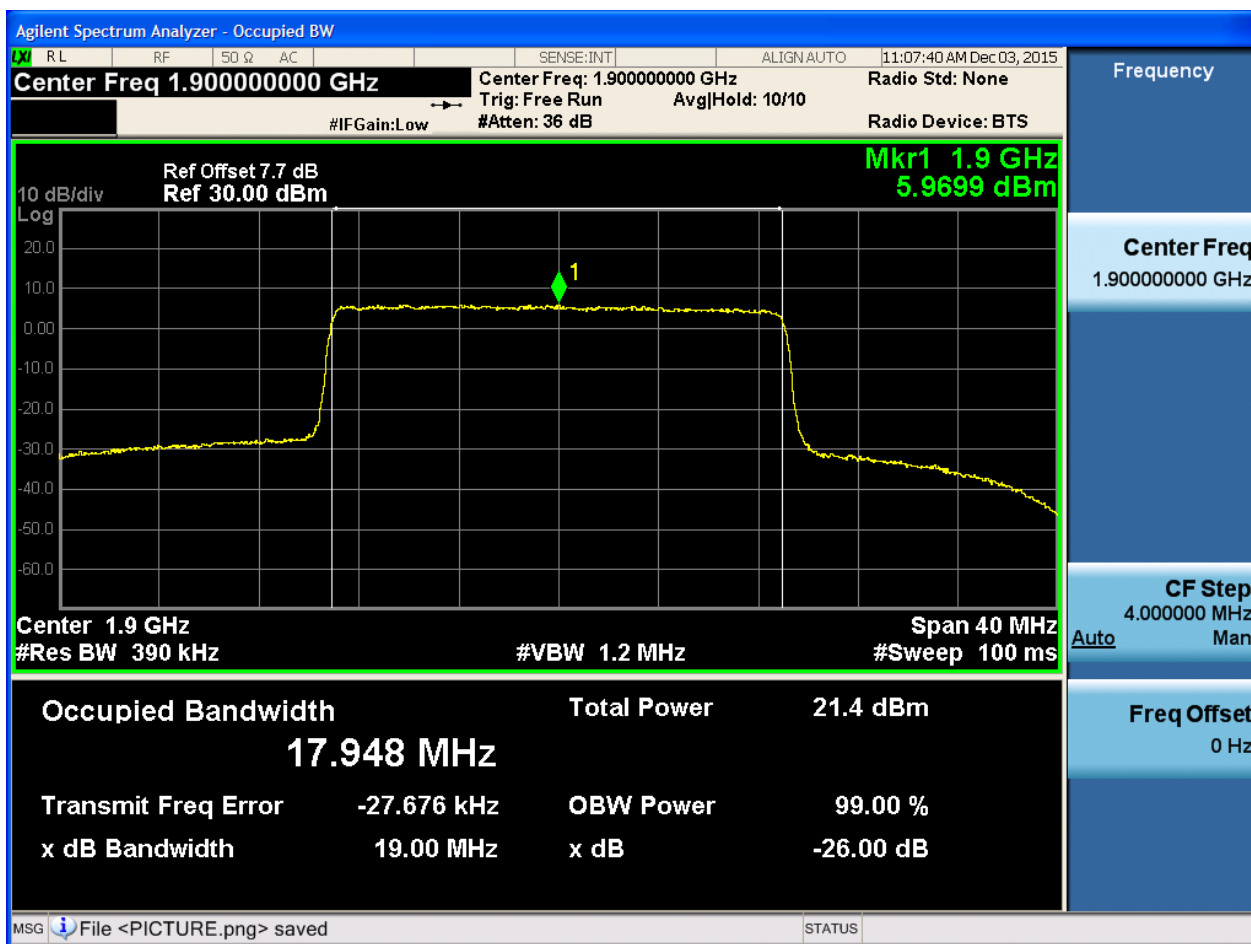
4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0







5.1.1.1.1.2 Test RB = RB1#5



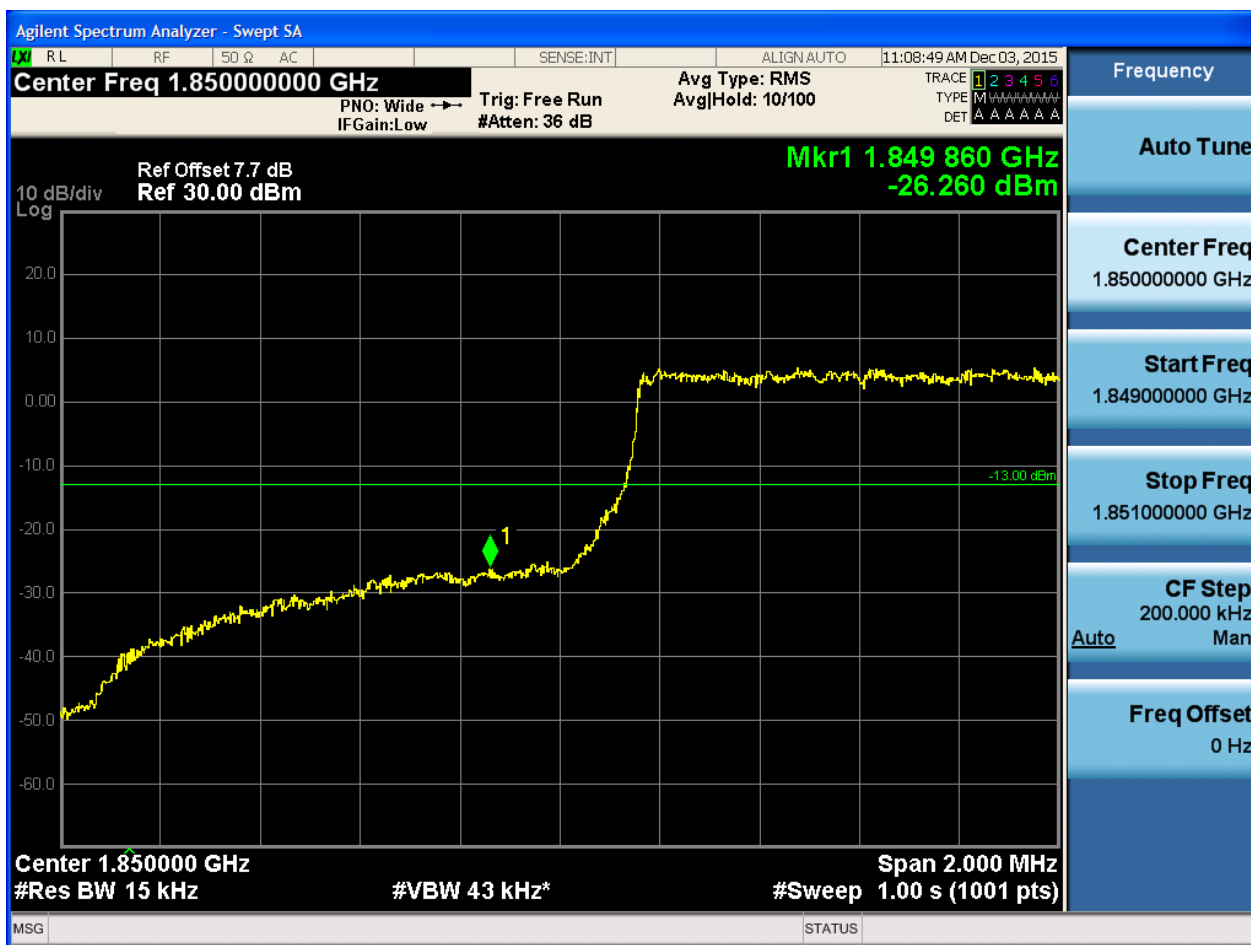


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





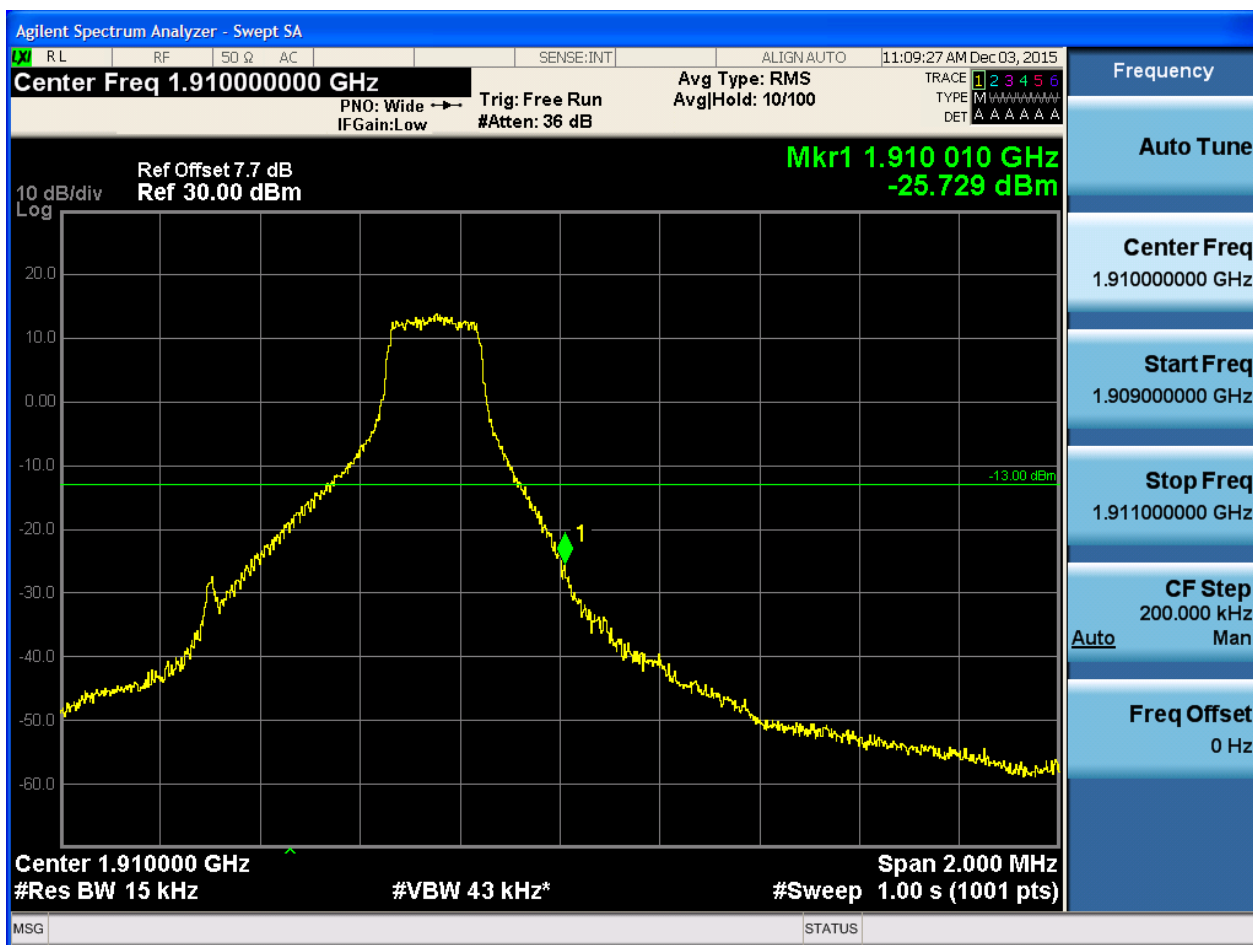
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





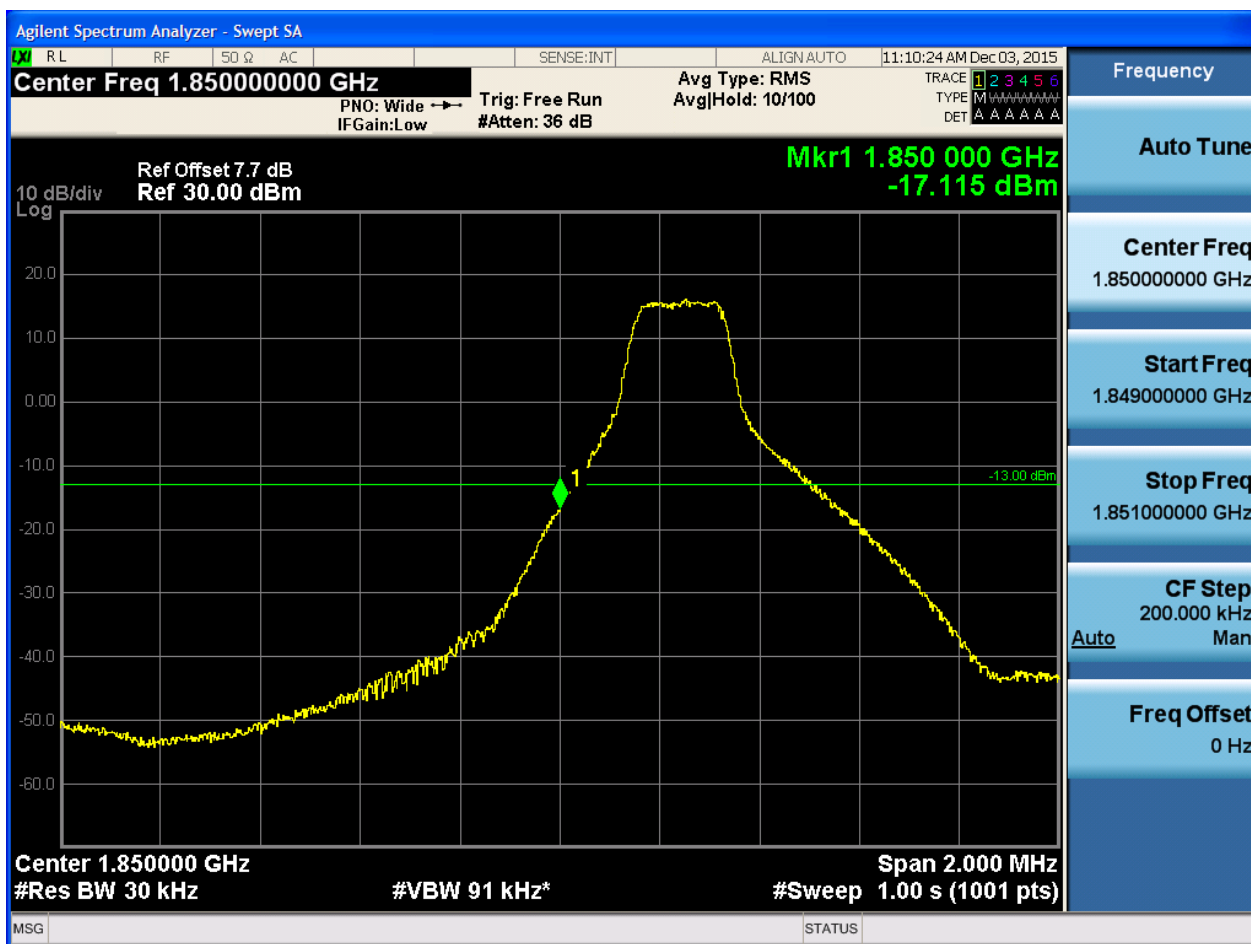
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

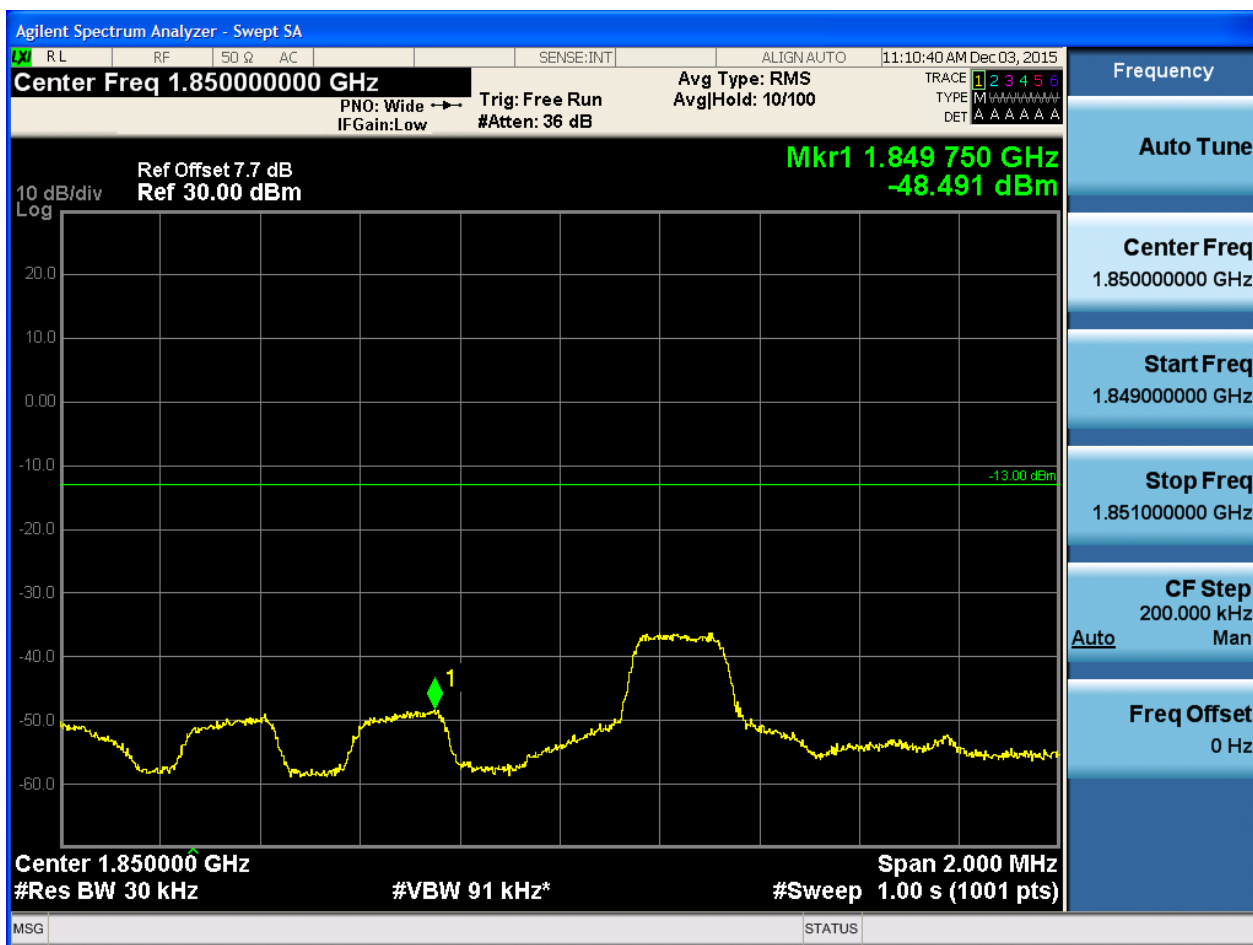
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



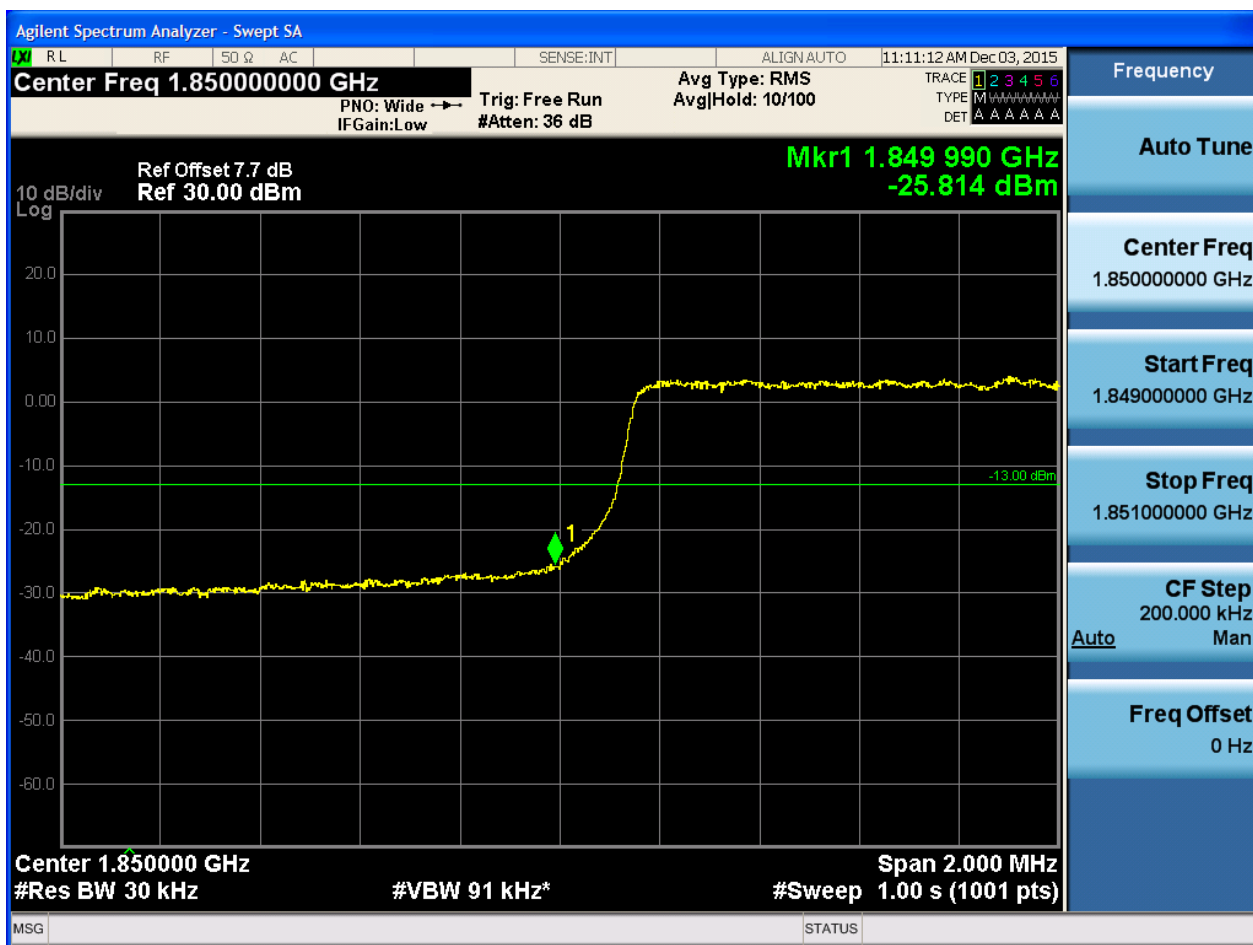


5.1.1.1.2.1.3 Test RB = RB8#4





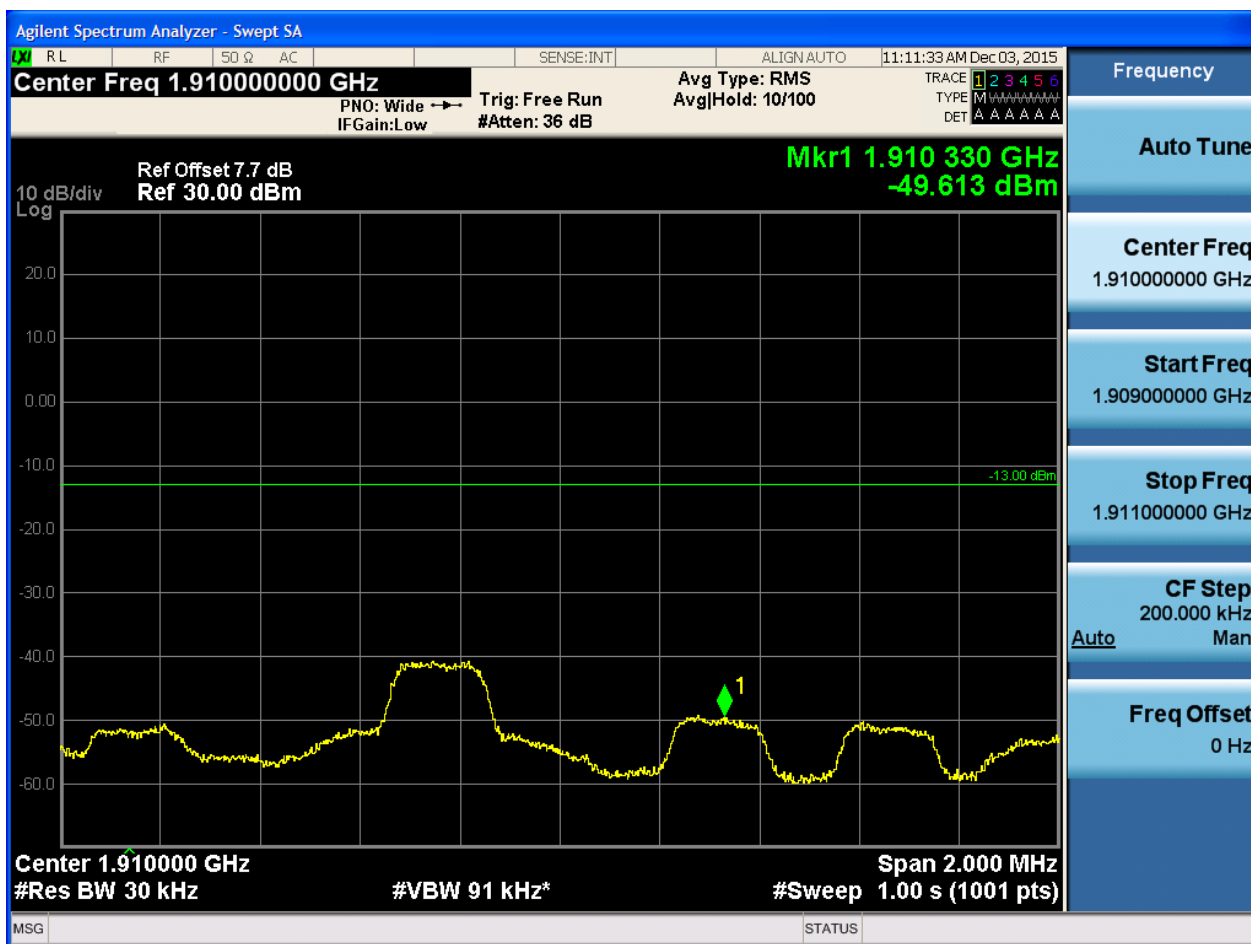
5.1.1.1.2.1.4 Test RB = RB15#0





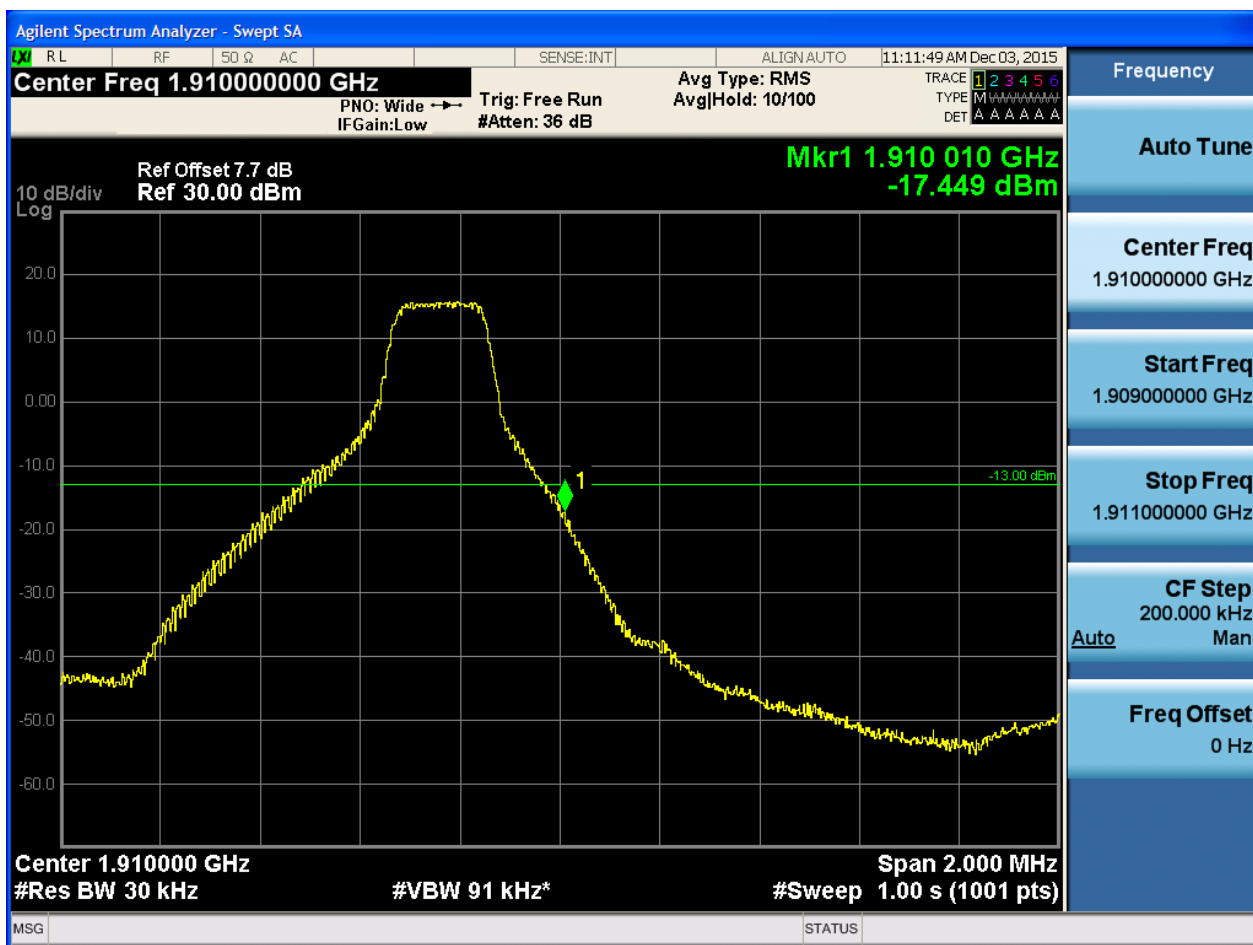
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



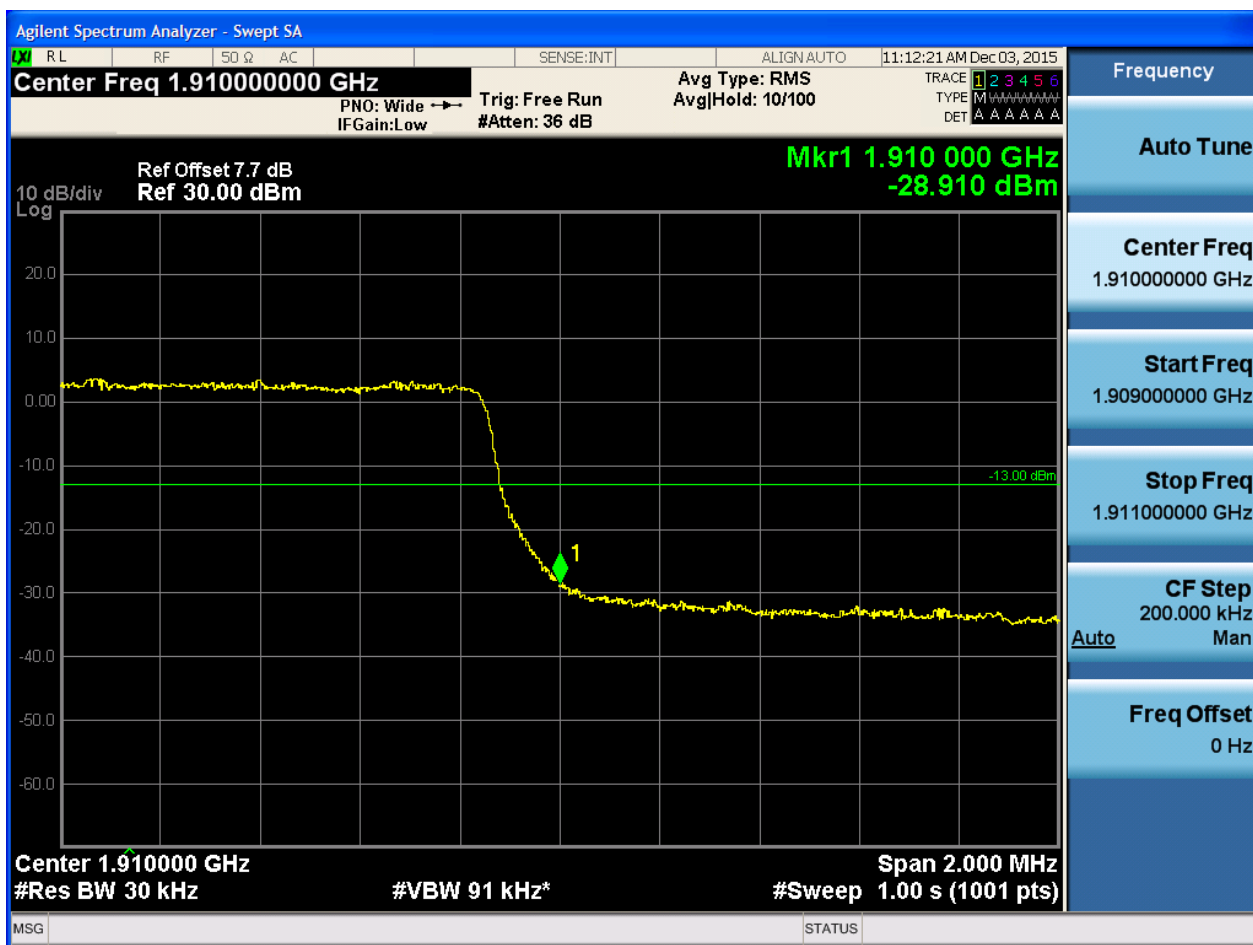


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

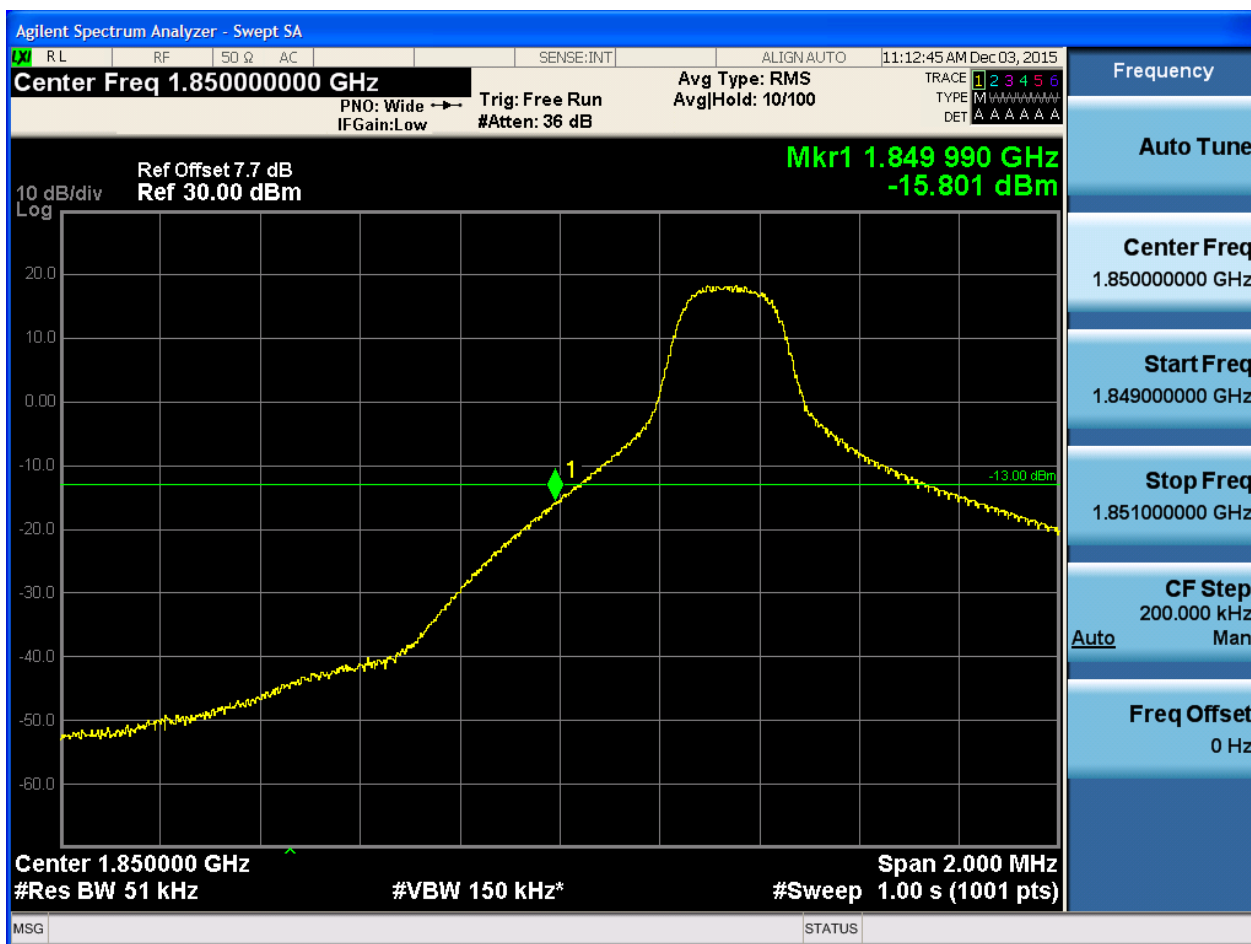




5.1.1.1.3 Test Bandwidth = 5

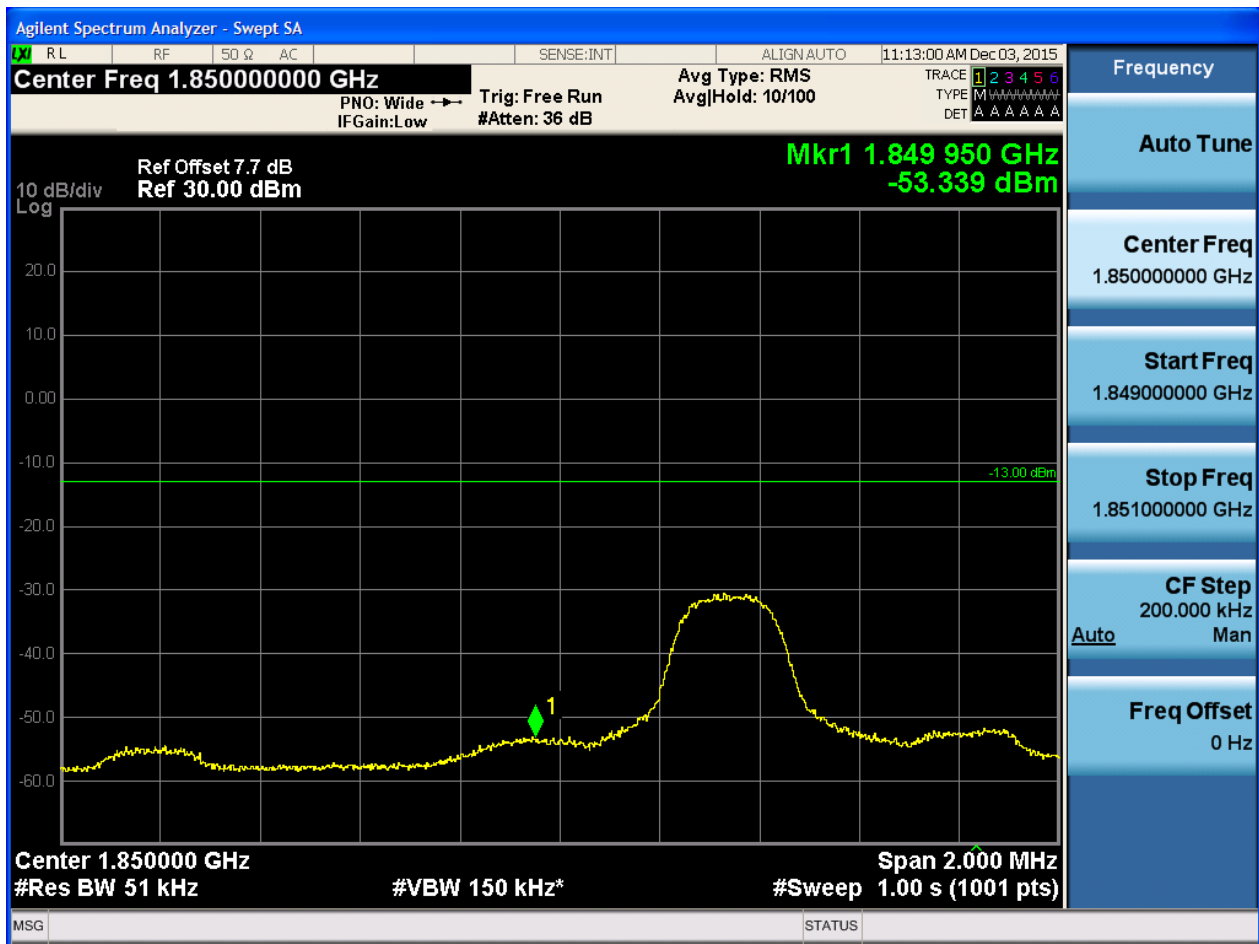
5.1.1.1.3.1 Test Channel = LCH

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



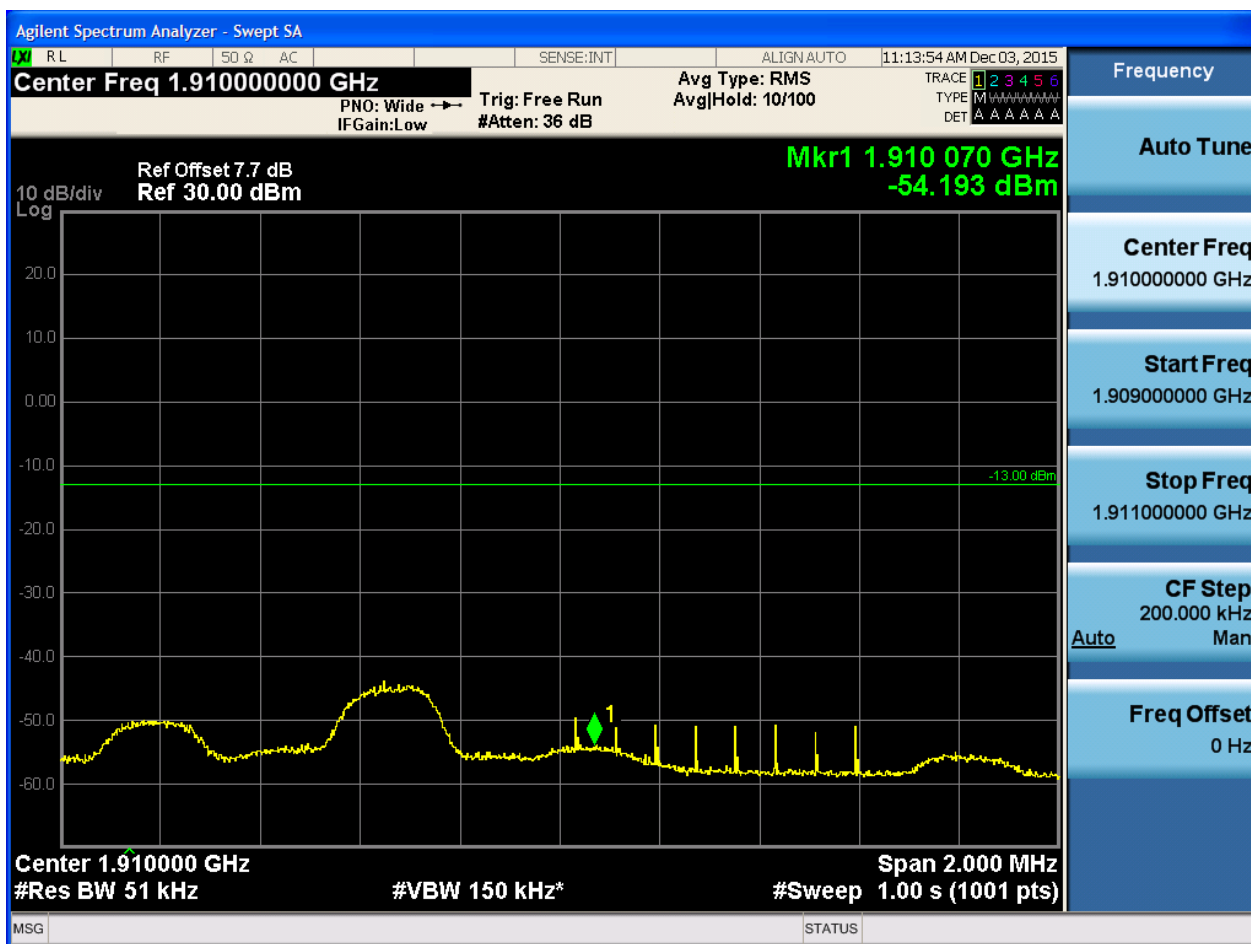


5.1.1.1.3.1.4 Test RB = RB25#0



5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.910000000 GHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.910 000 GHz
-16.033 dBm

Center 1.910000 GHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 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
Man

Freq Offset
0 Hz



5.1.1.1.3.2.3 Test RB = RB12#6





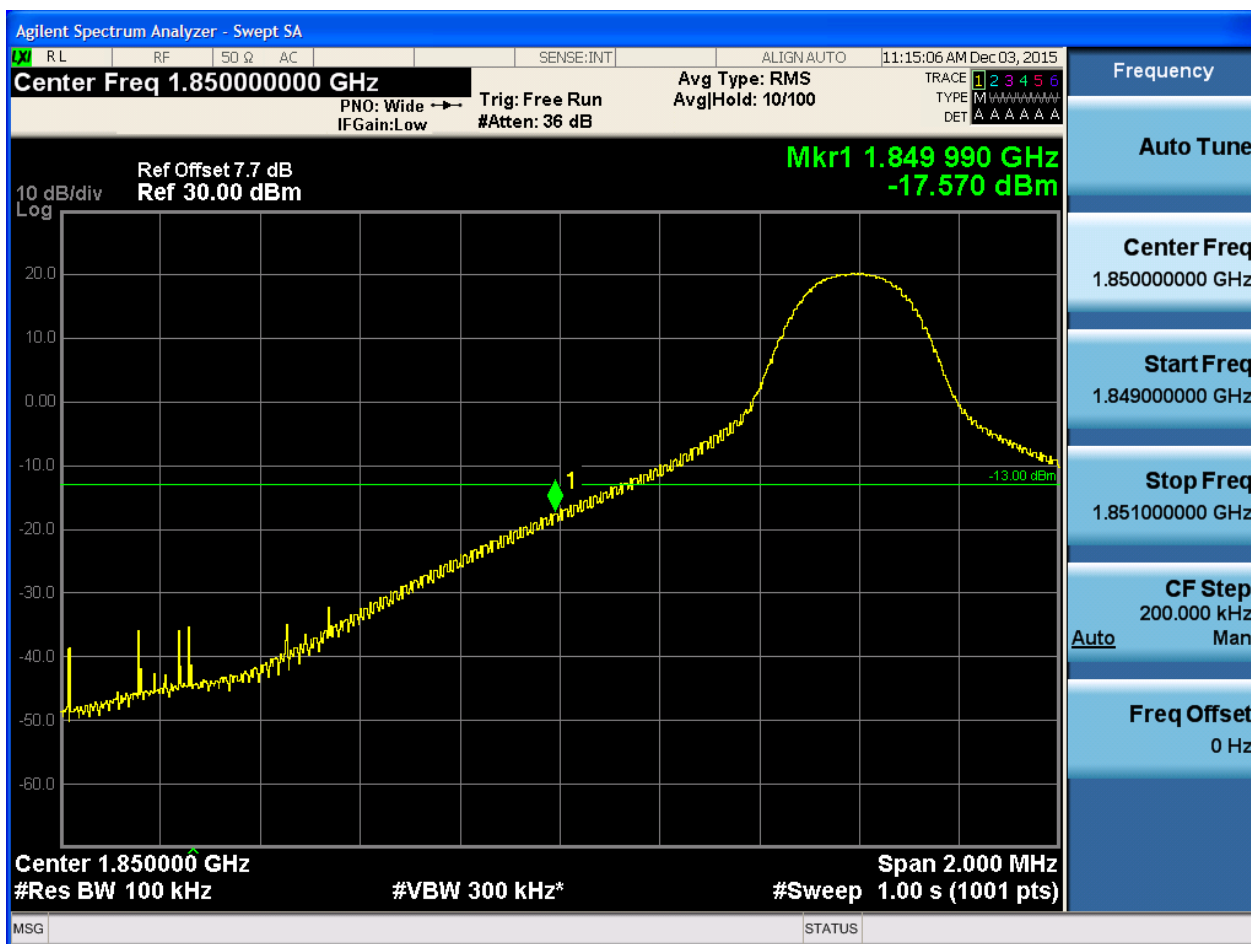
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

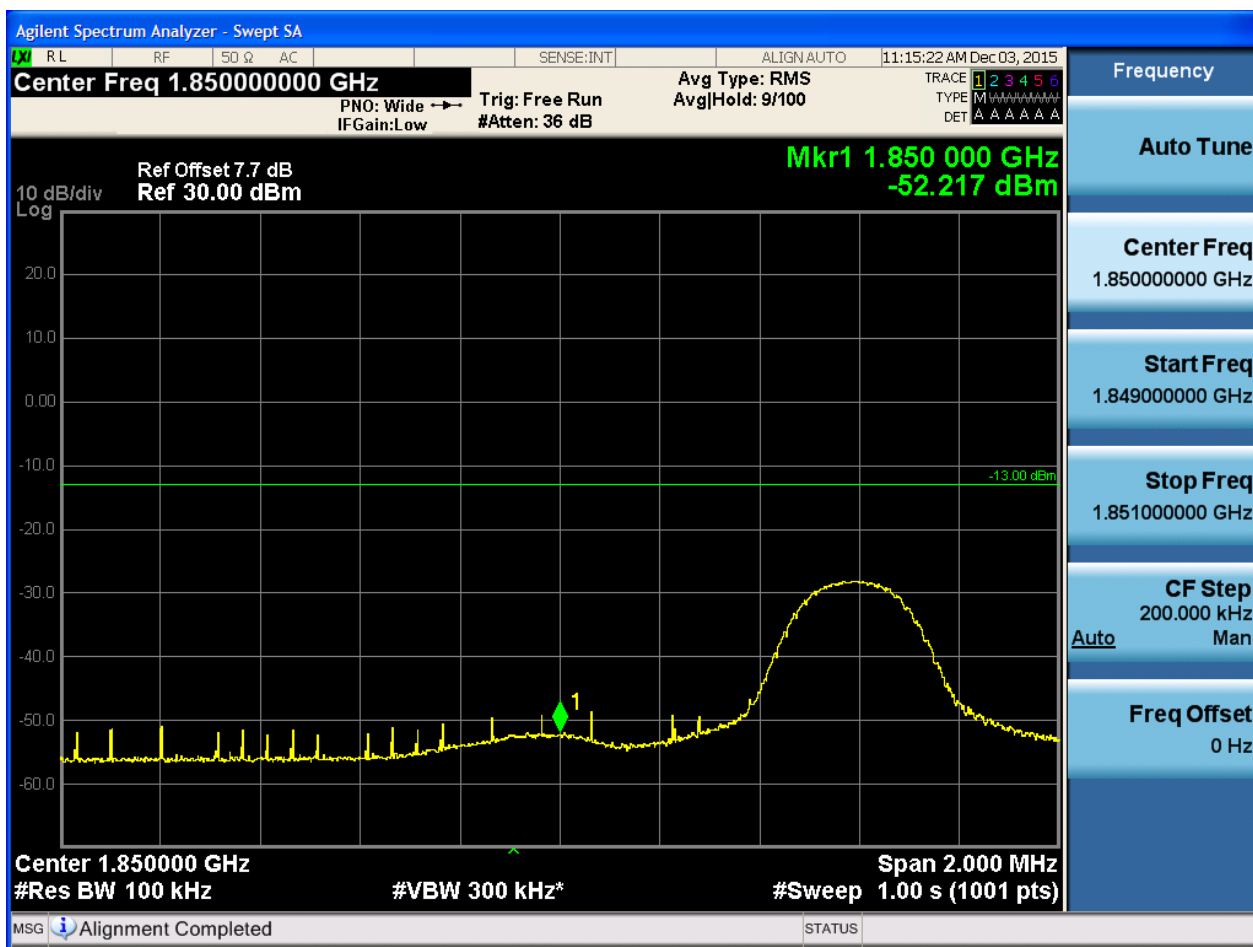
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



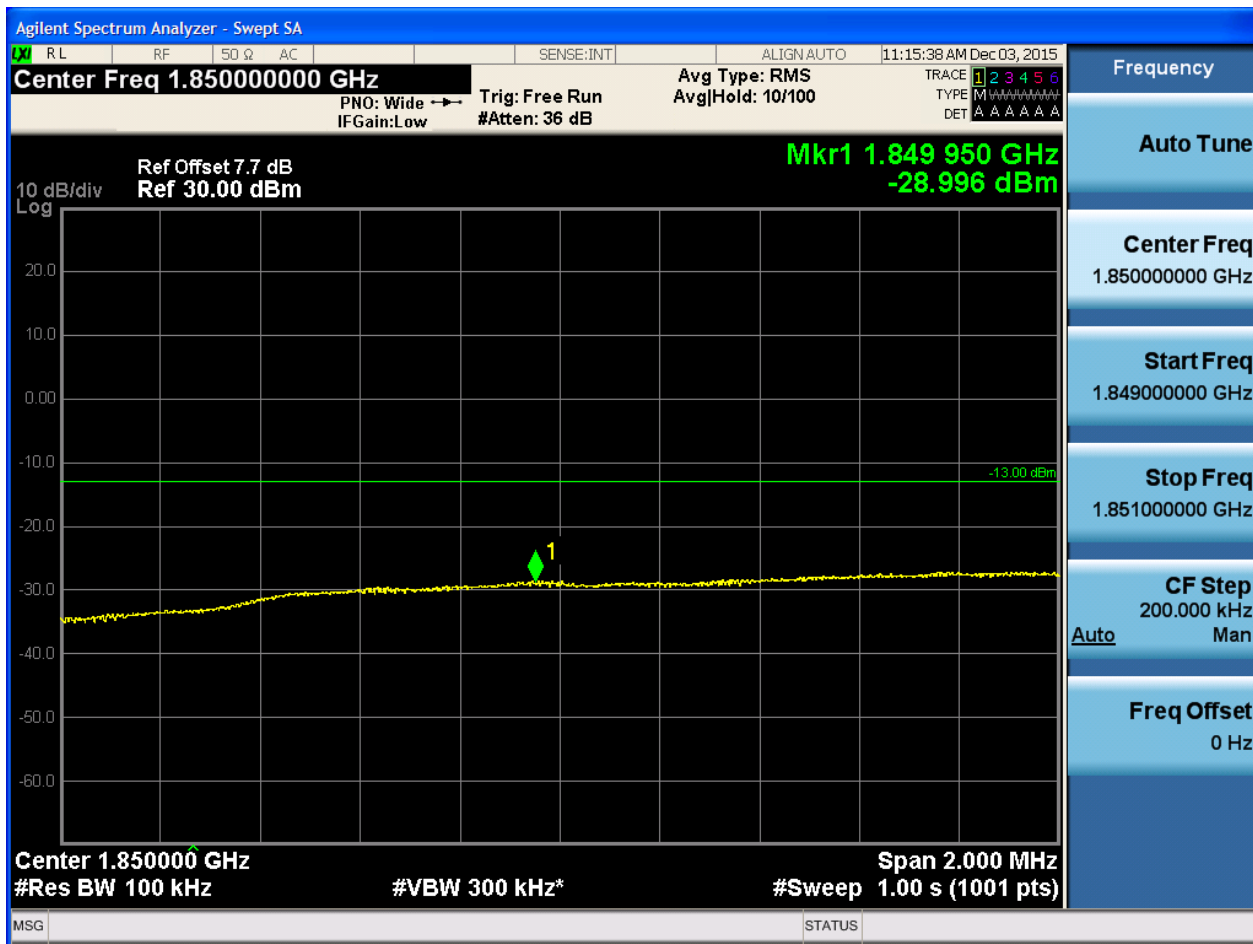


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13



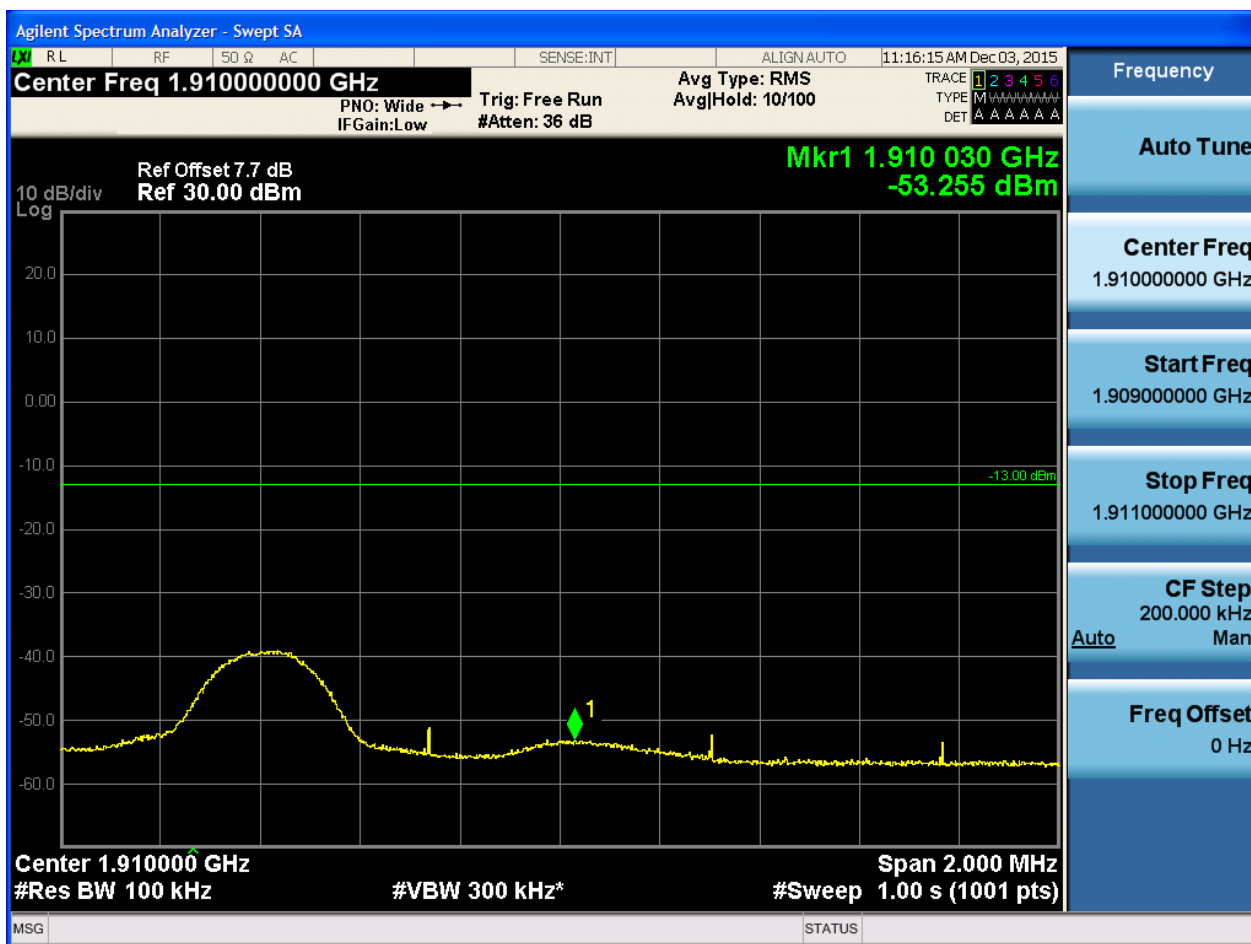


5.1.1.1.4.1.4 Test RB = RB50#0



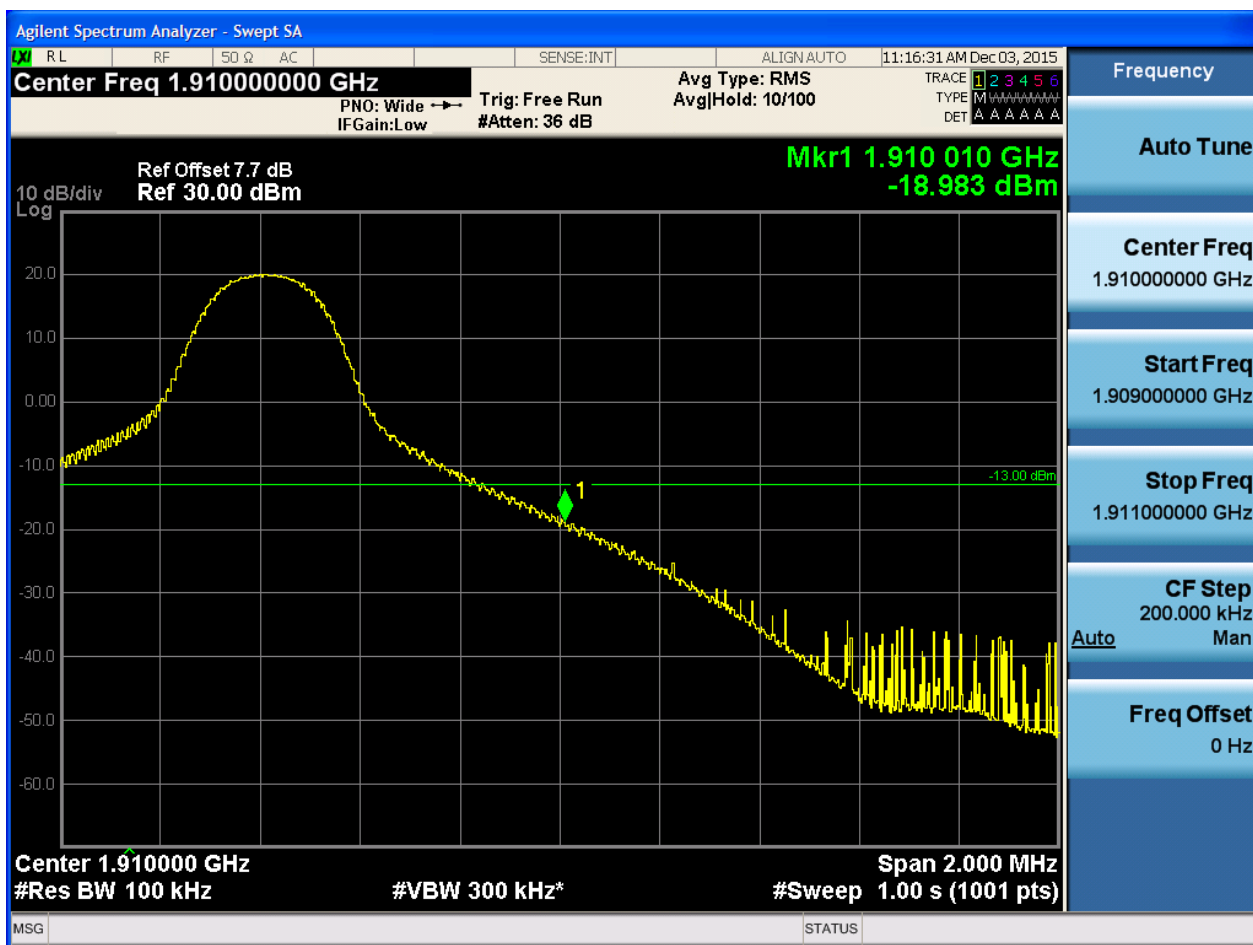
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49



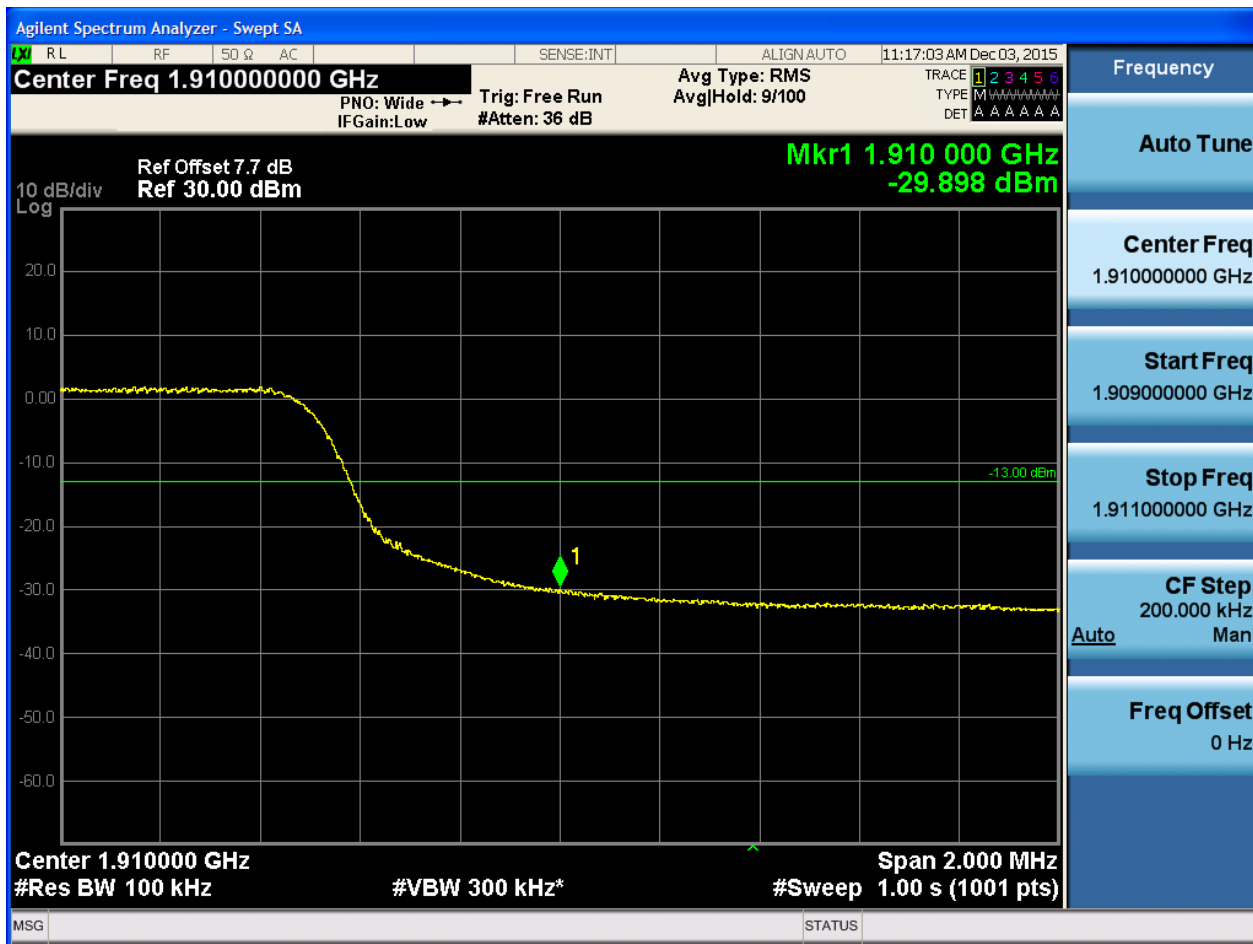


5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

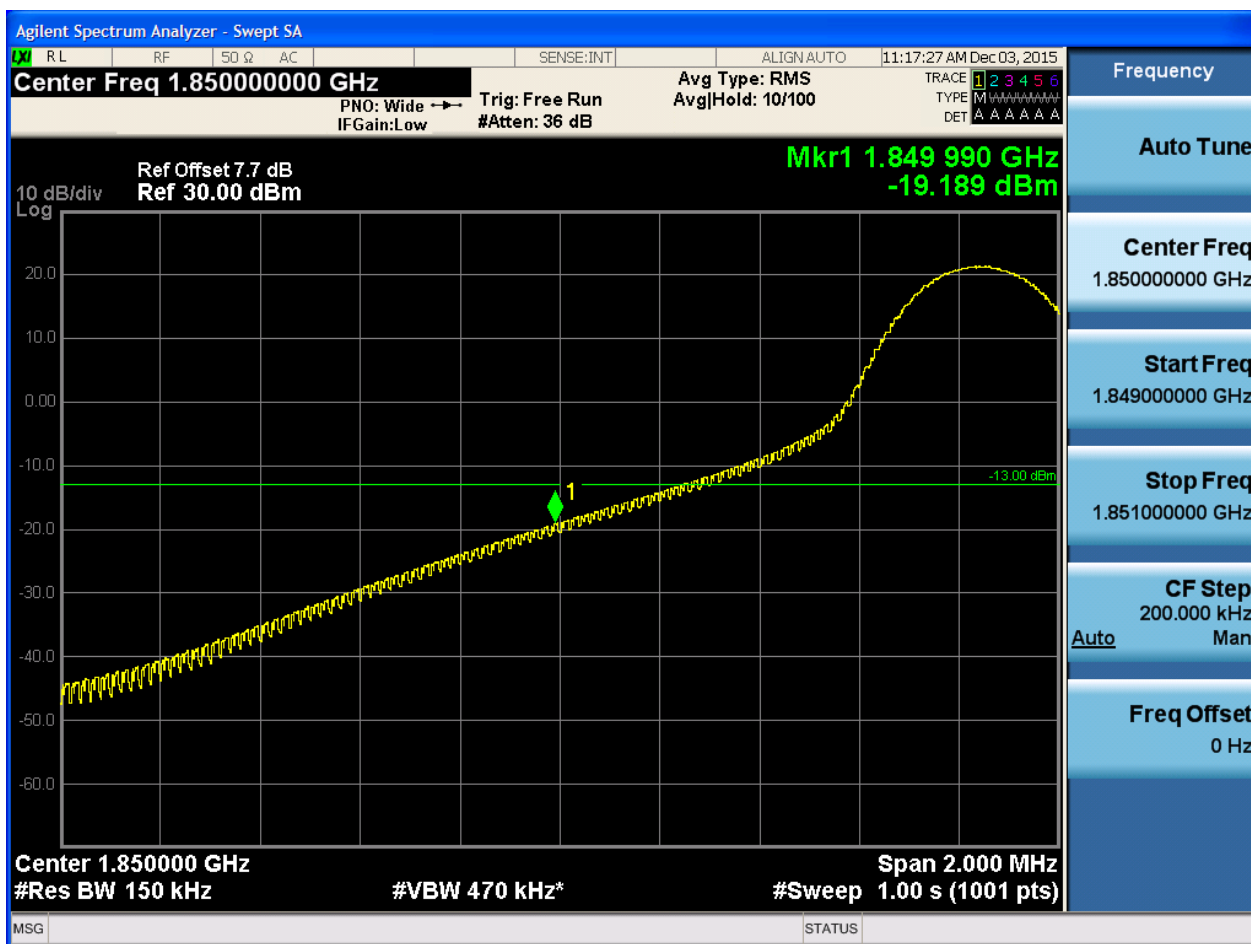




5.1.1.1.5 Test Bandwidth = 15

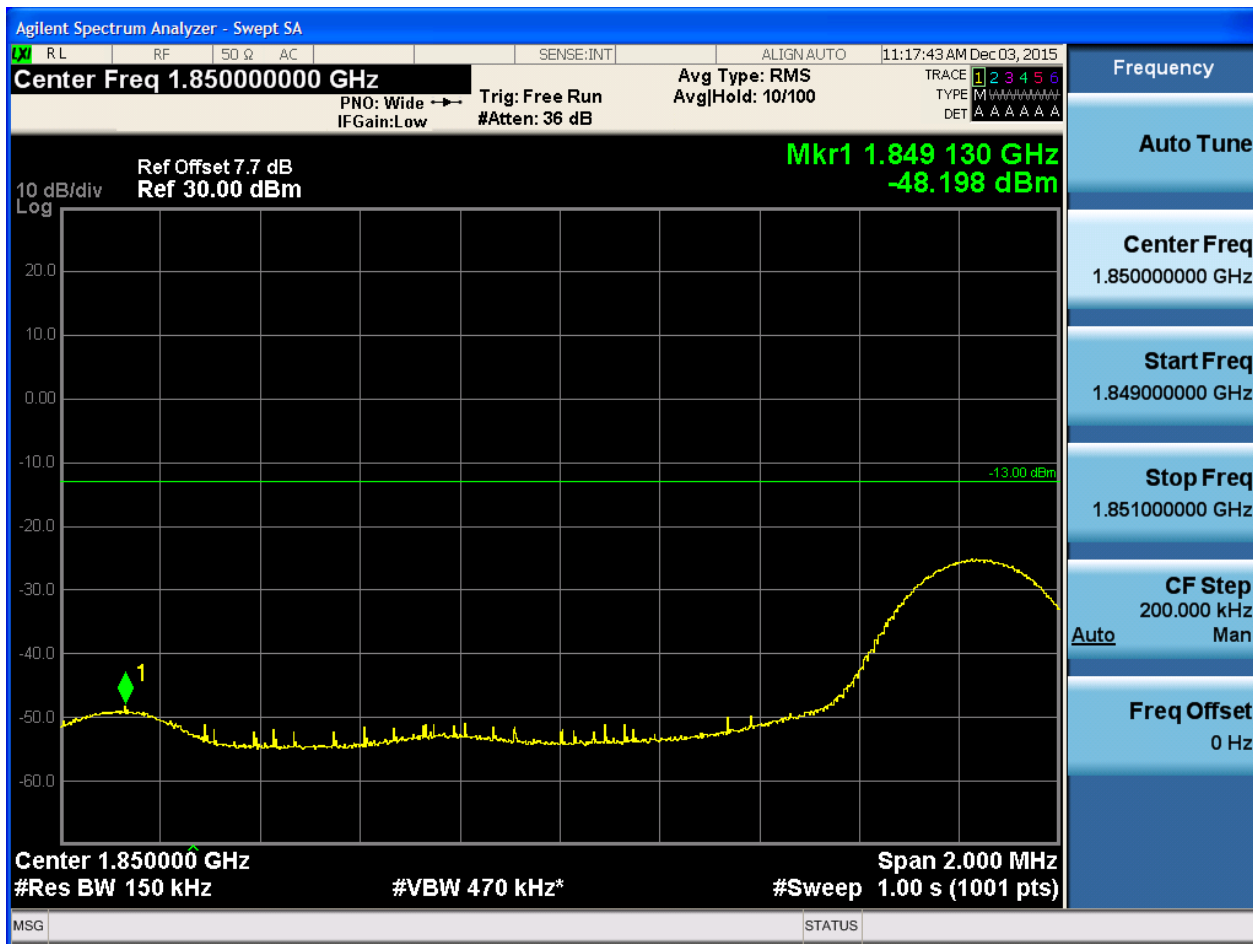
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0





5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





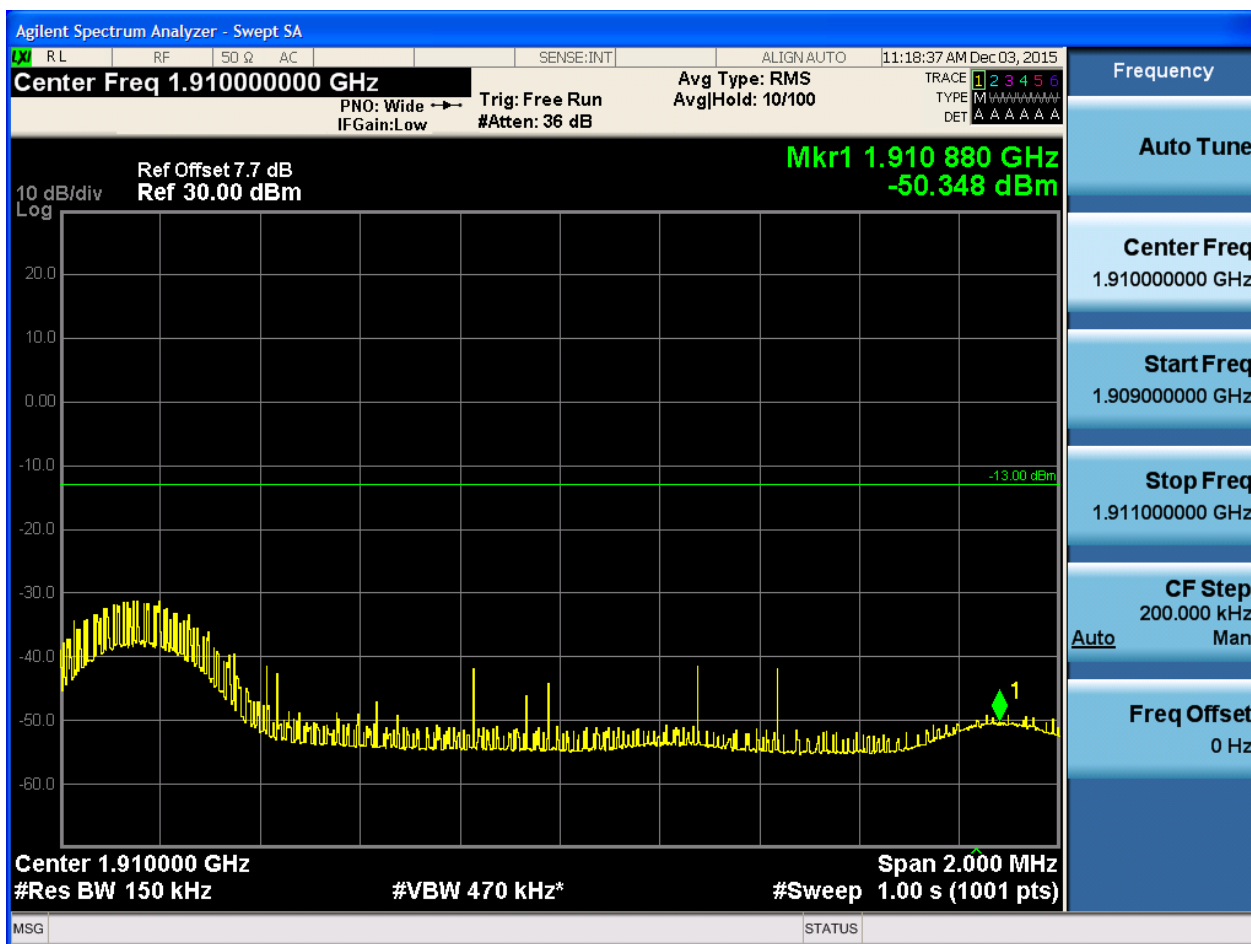
5.1.1.1.5.1.4 Test RB = RB75#0





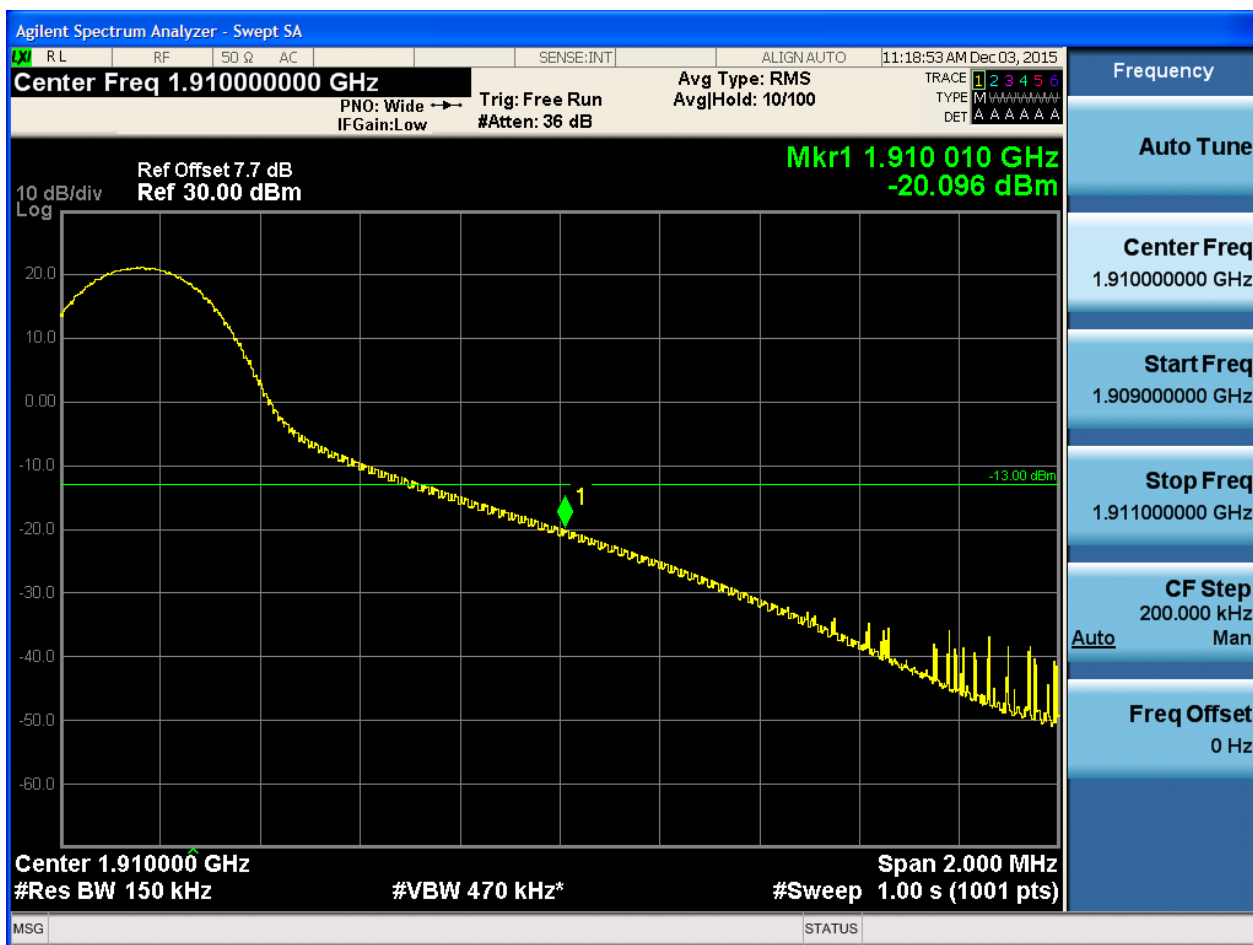
5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74



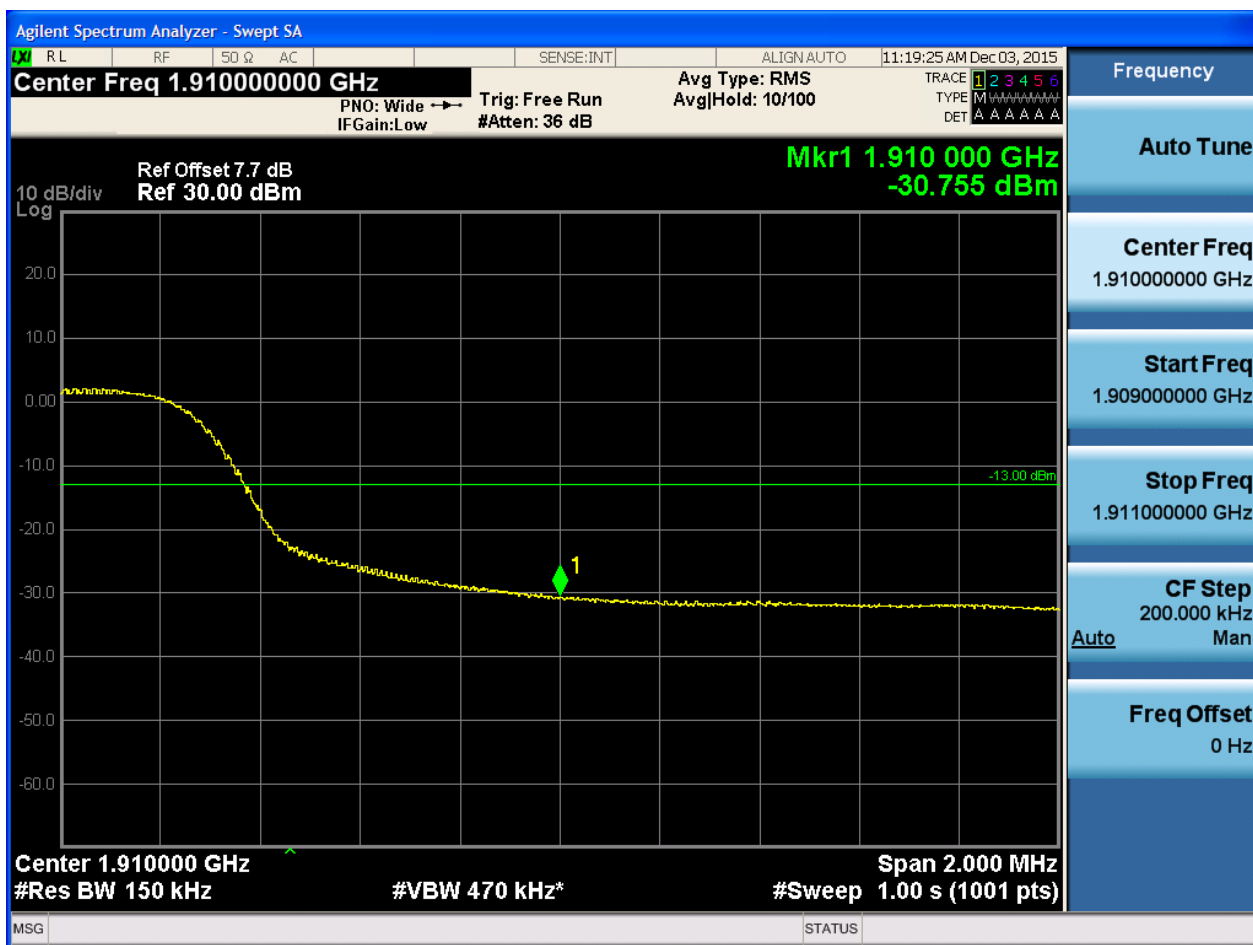


5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

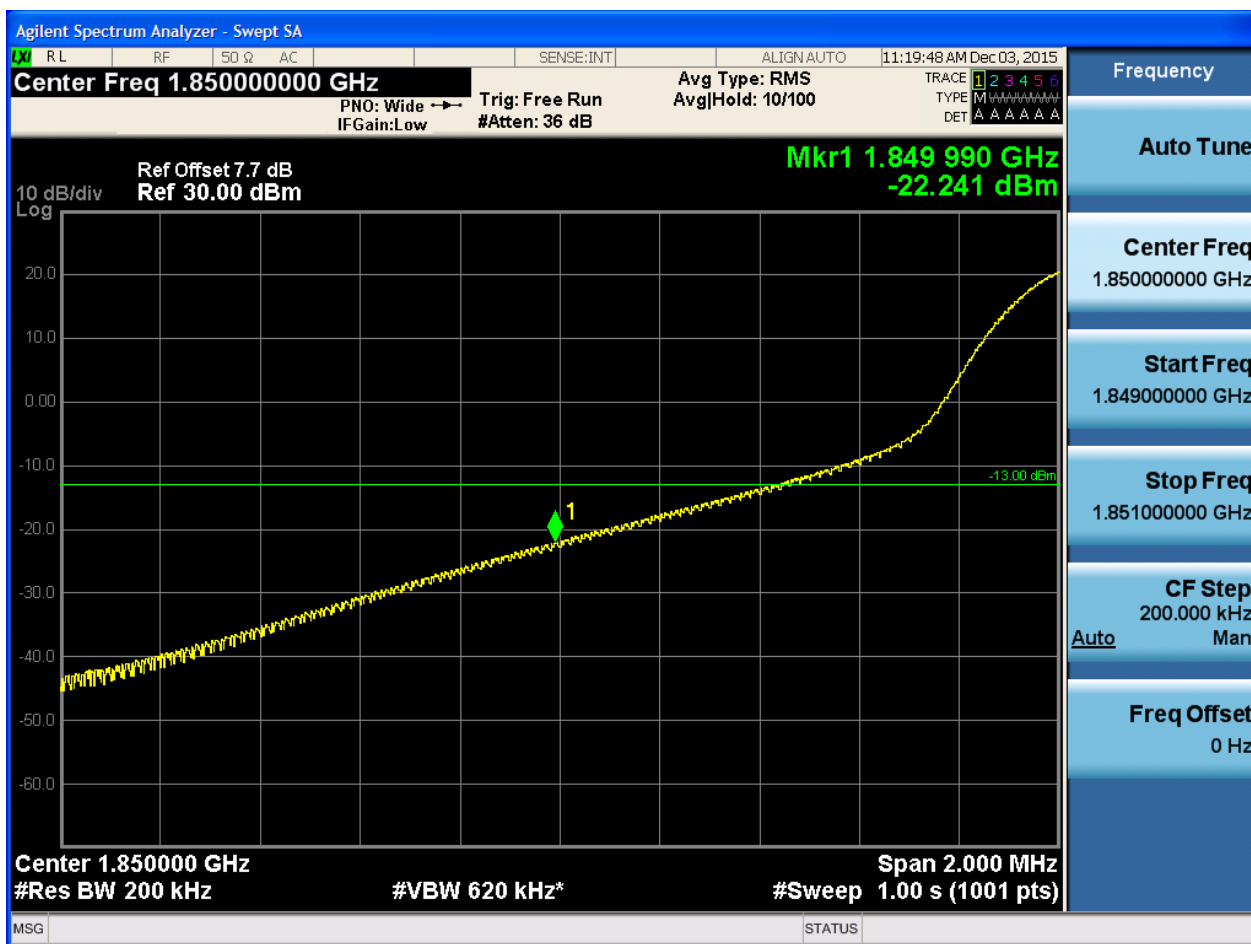




5.1.1.1.6 Test Bandwidth = 20

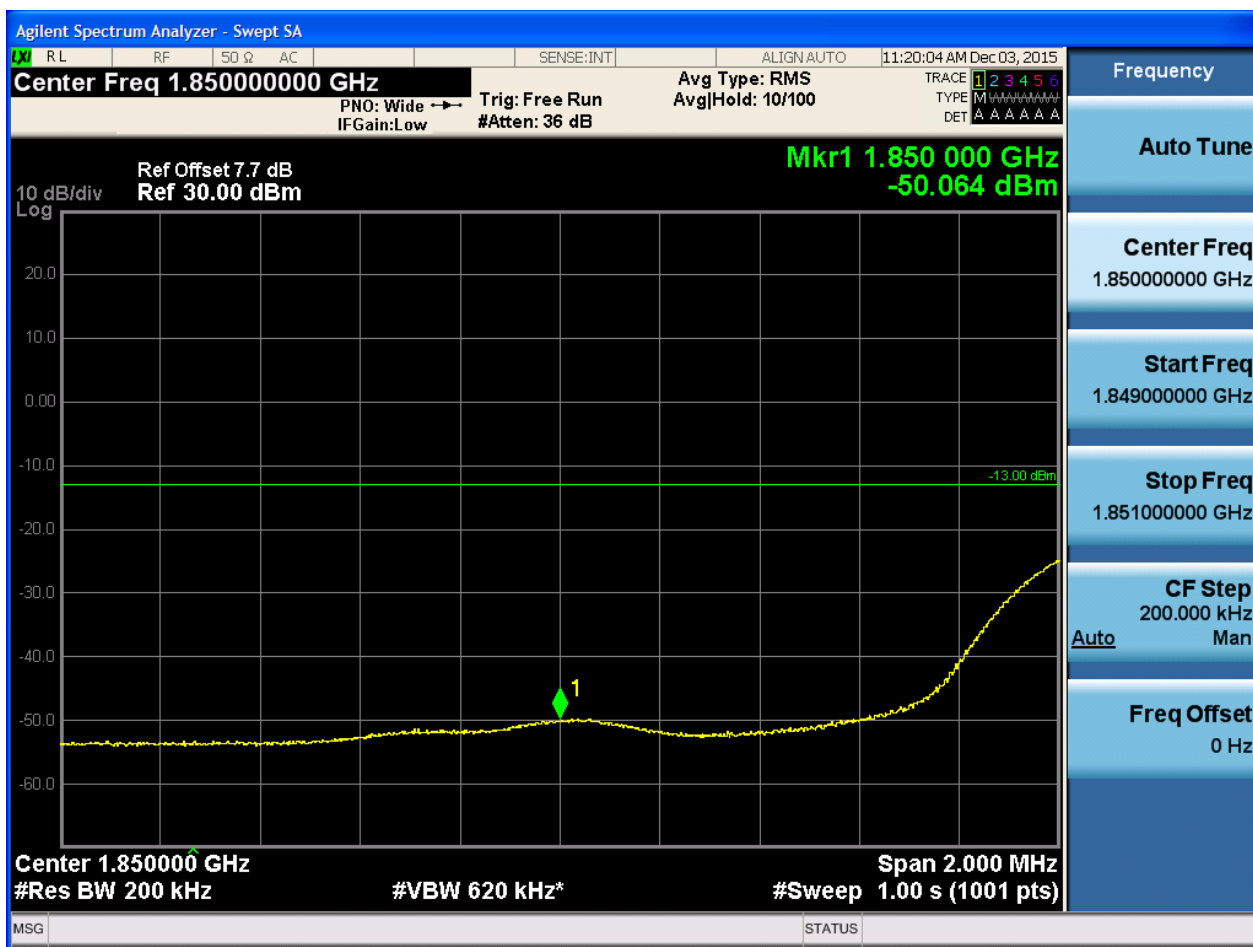
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



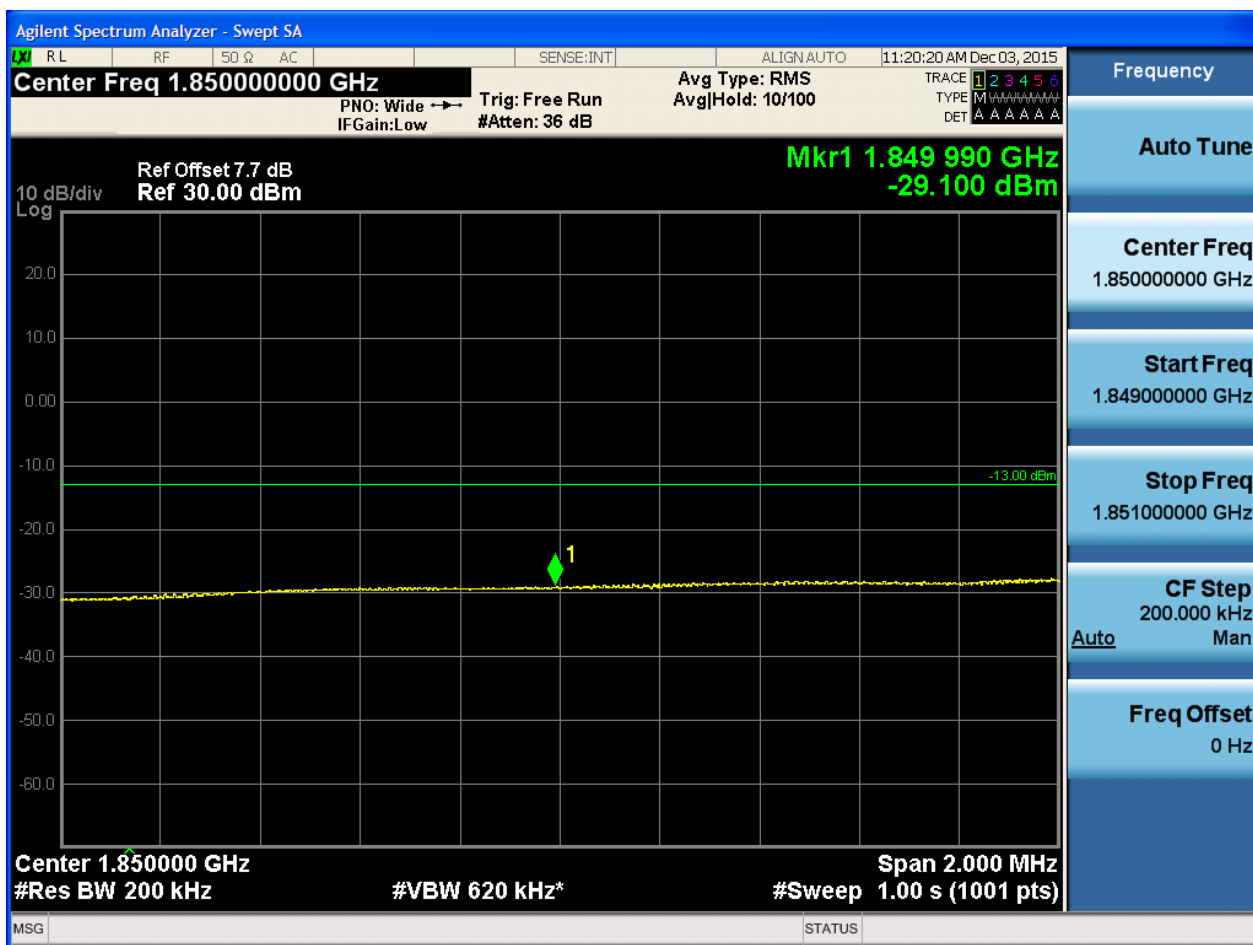


5.1.1.1.6.1.2 Test RB = RB1#99



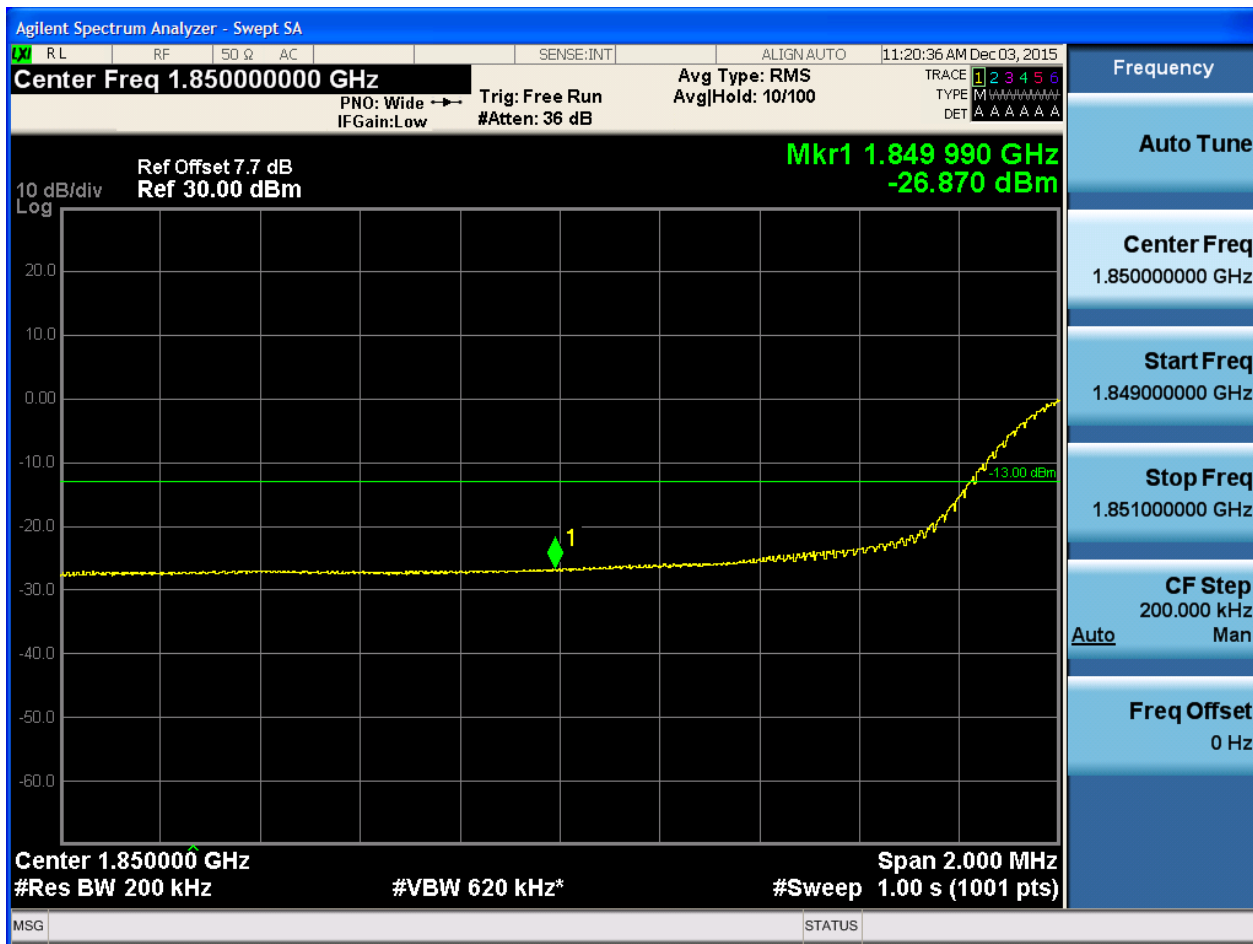


5.1.1.1.6.1.3 Test RB = RB50#25





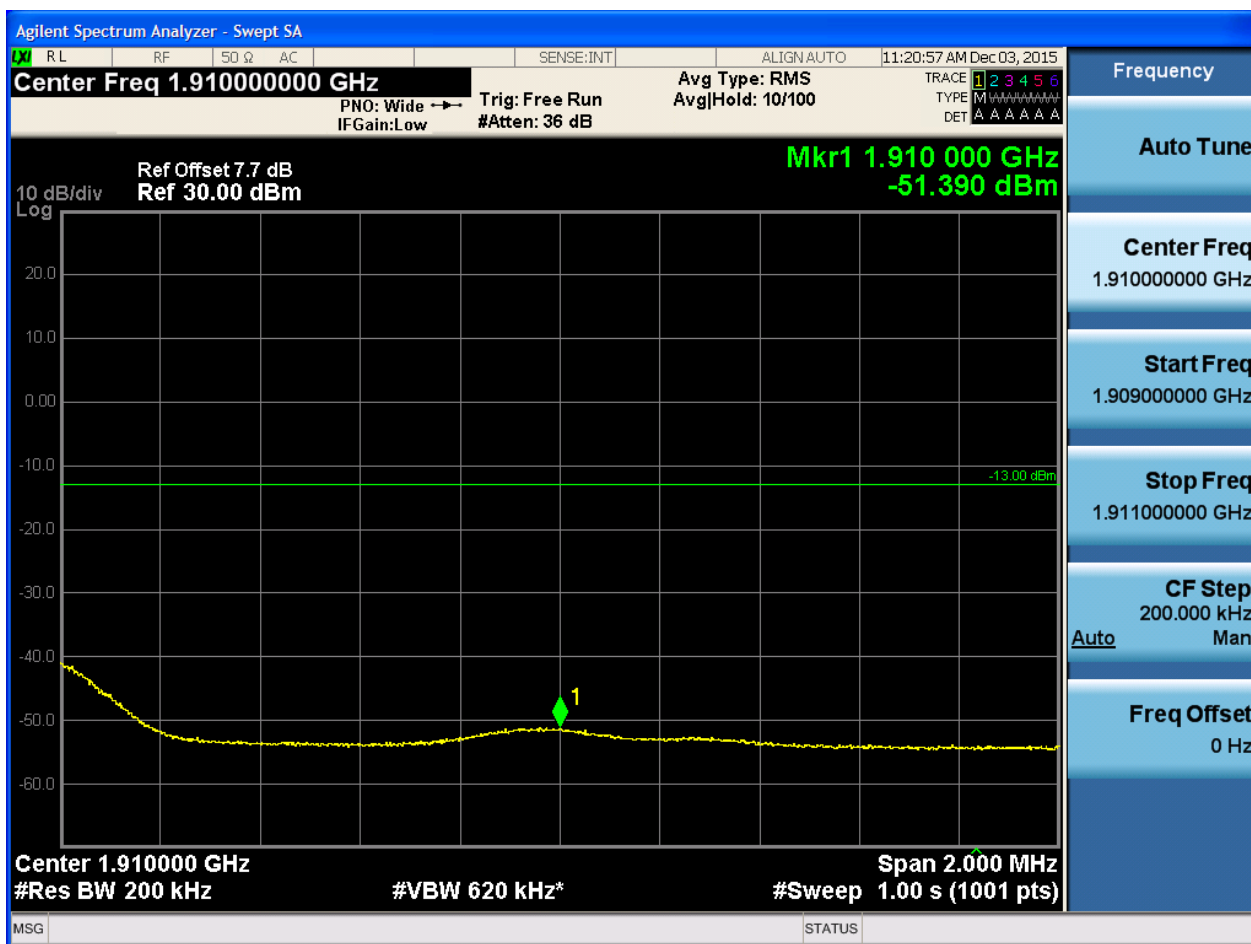
5.1.1.1.6.1.4 Test RB = RB100#0





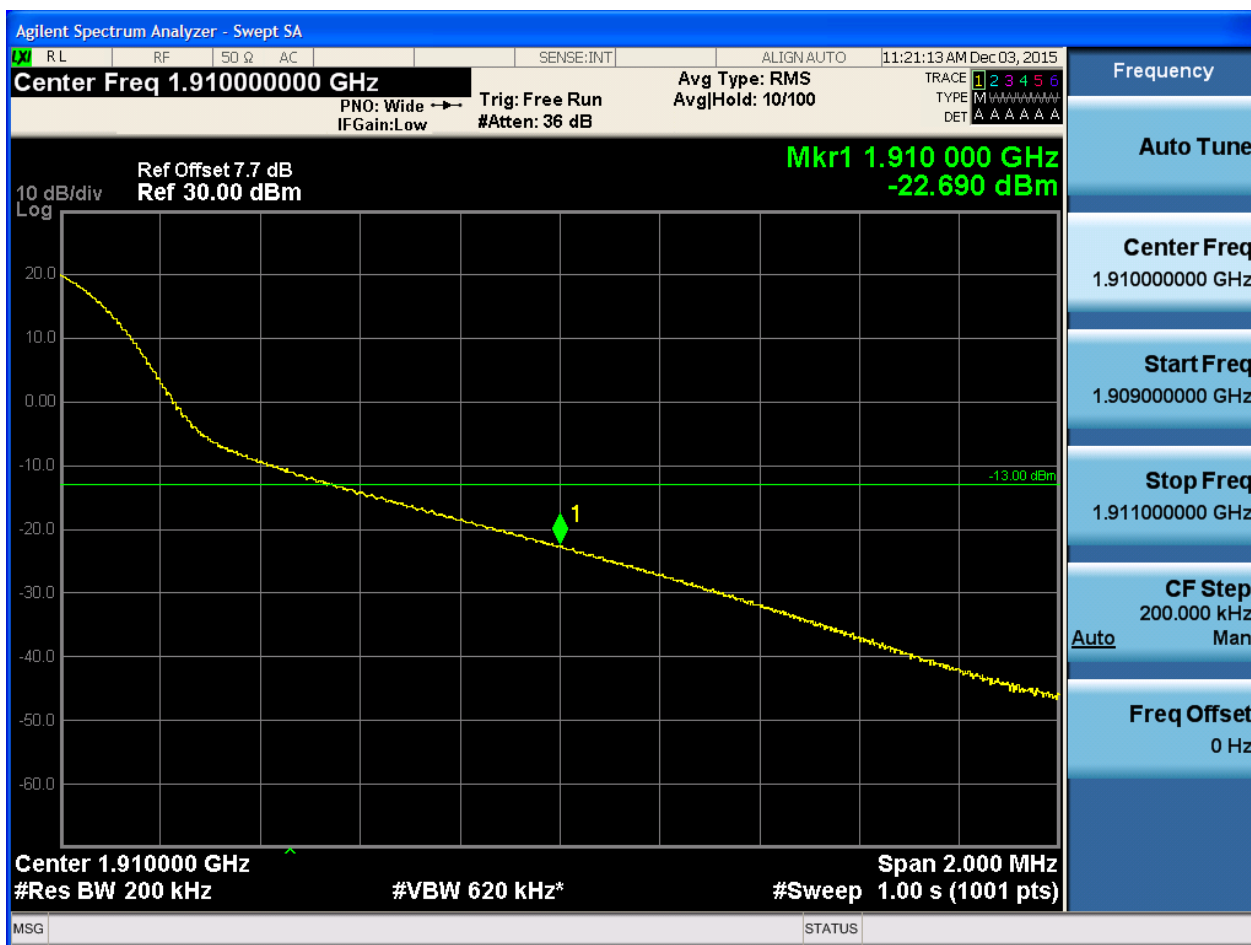
5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0





5.1.1.1.6.2.2 Test RB = RB1#99





5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



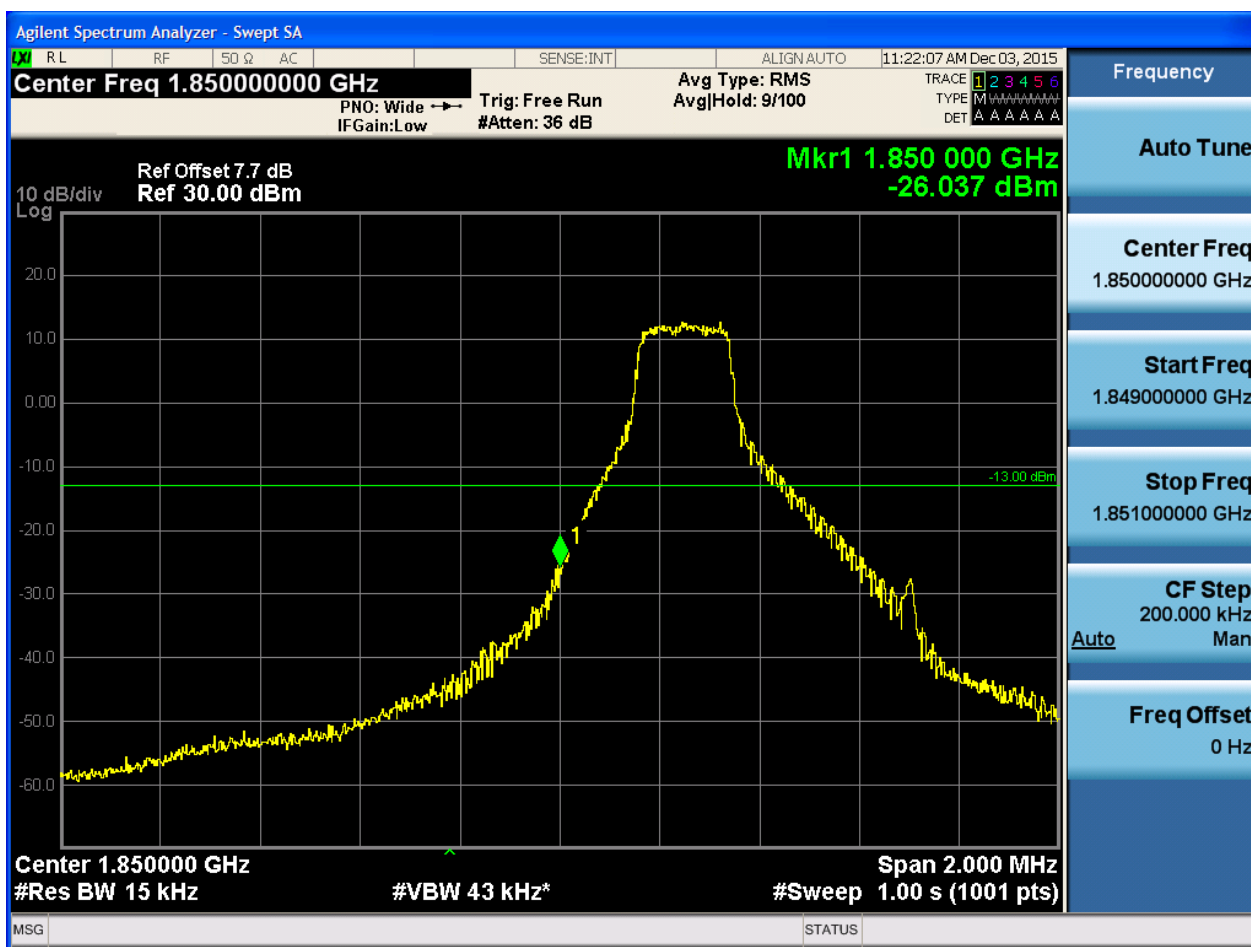


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



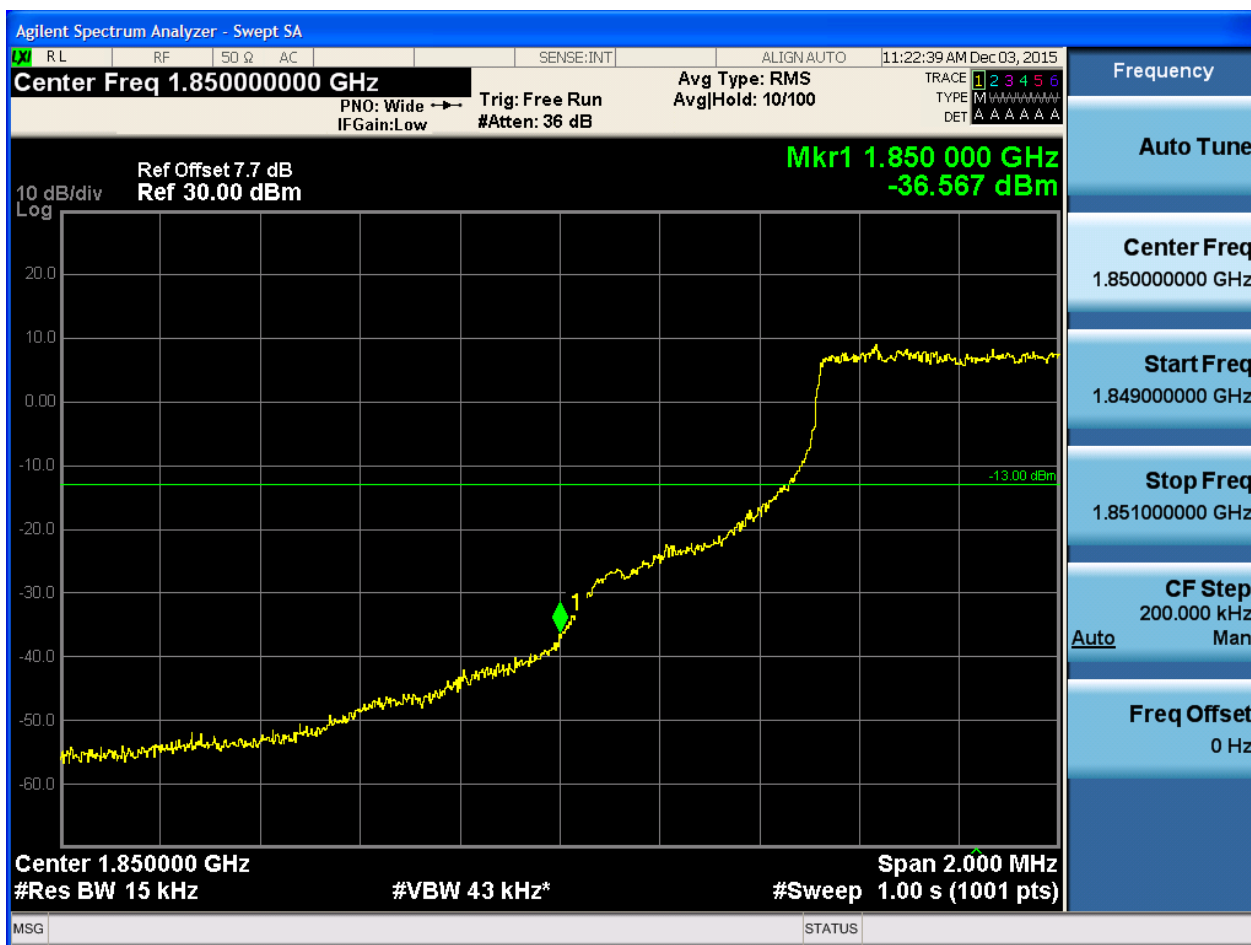


5.1.1.2.1.1.2 Test RB = RB1#5



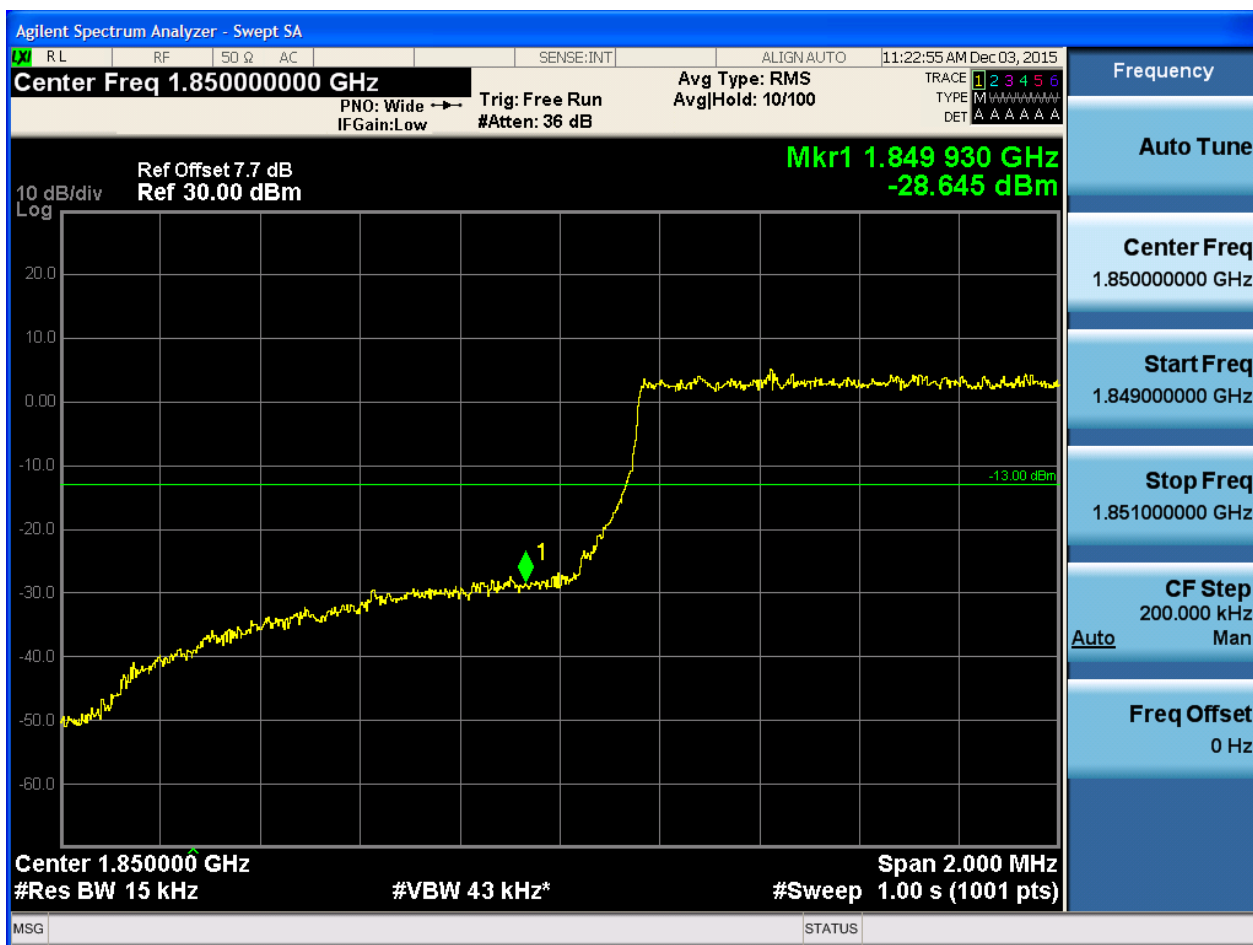


5.1.1.2.1.1.3 Test RB = RB3#2





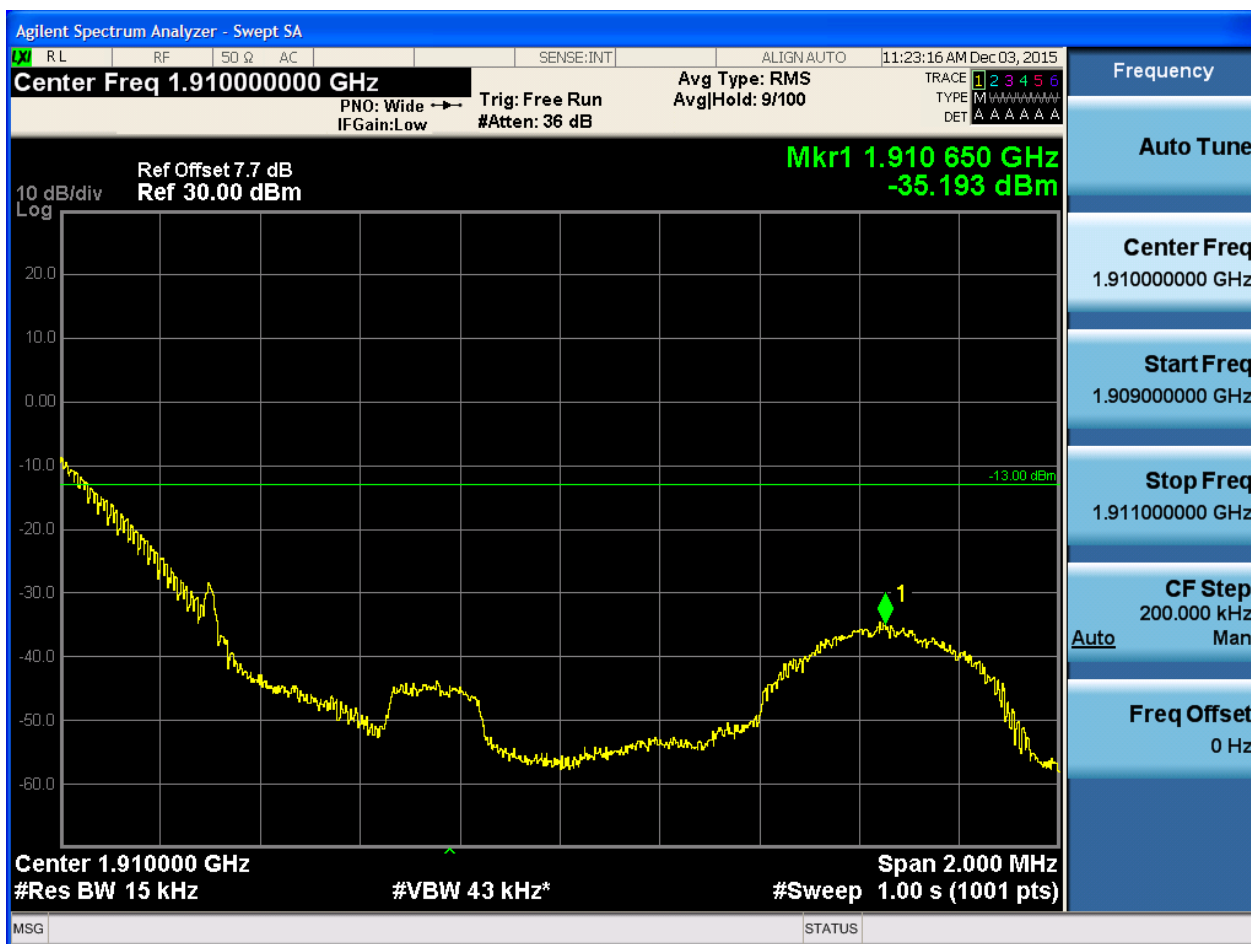
5.1.1.2.1.1.4 Test RB = RB6#0





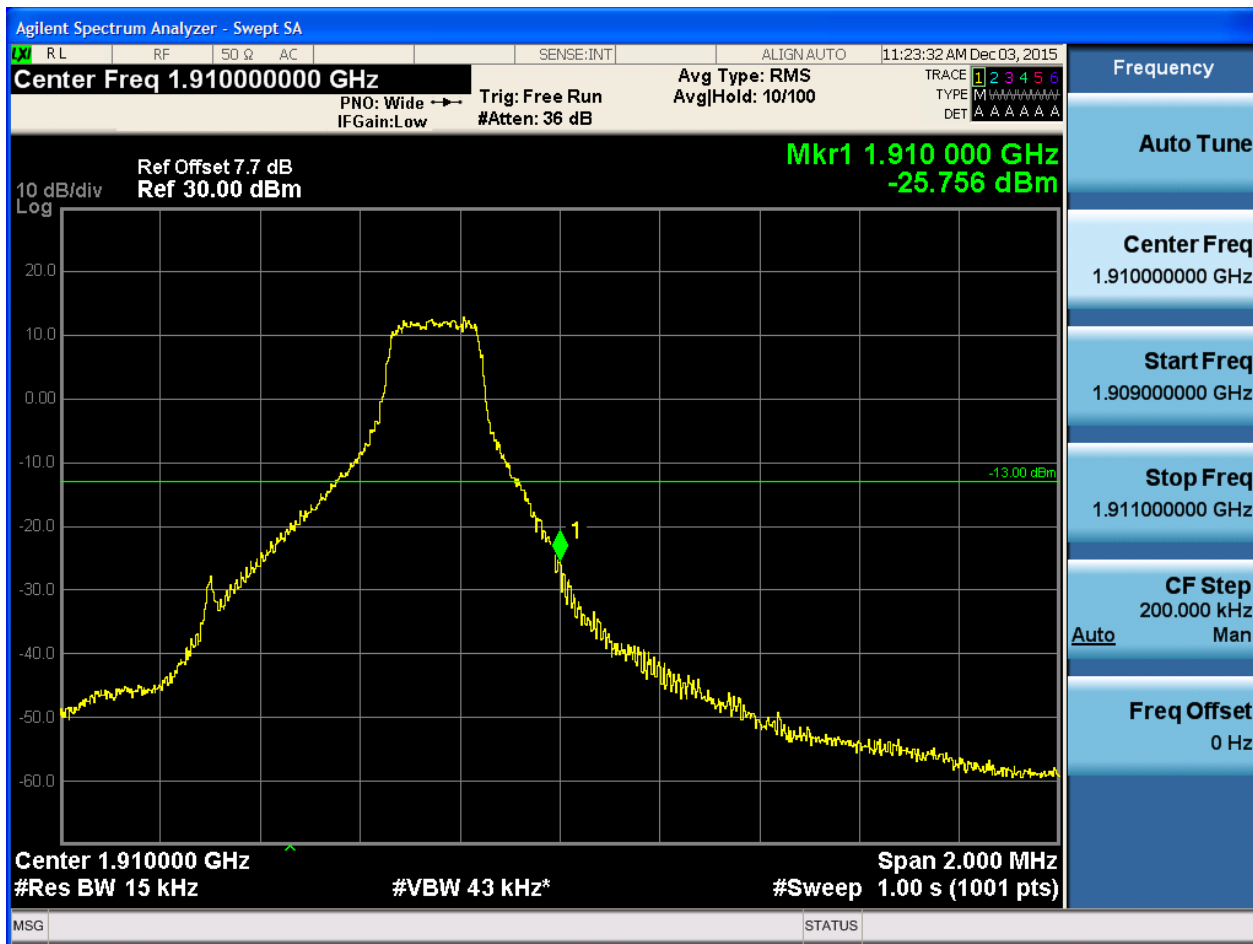
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5





5.1.1.2.1.2.3 Test RB = RB3#2





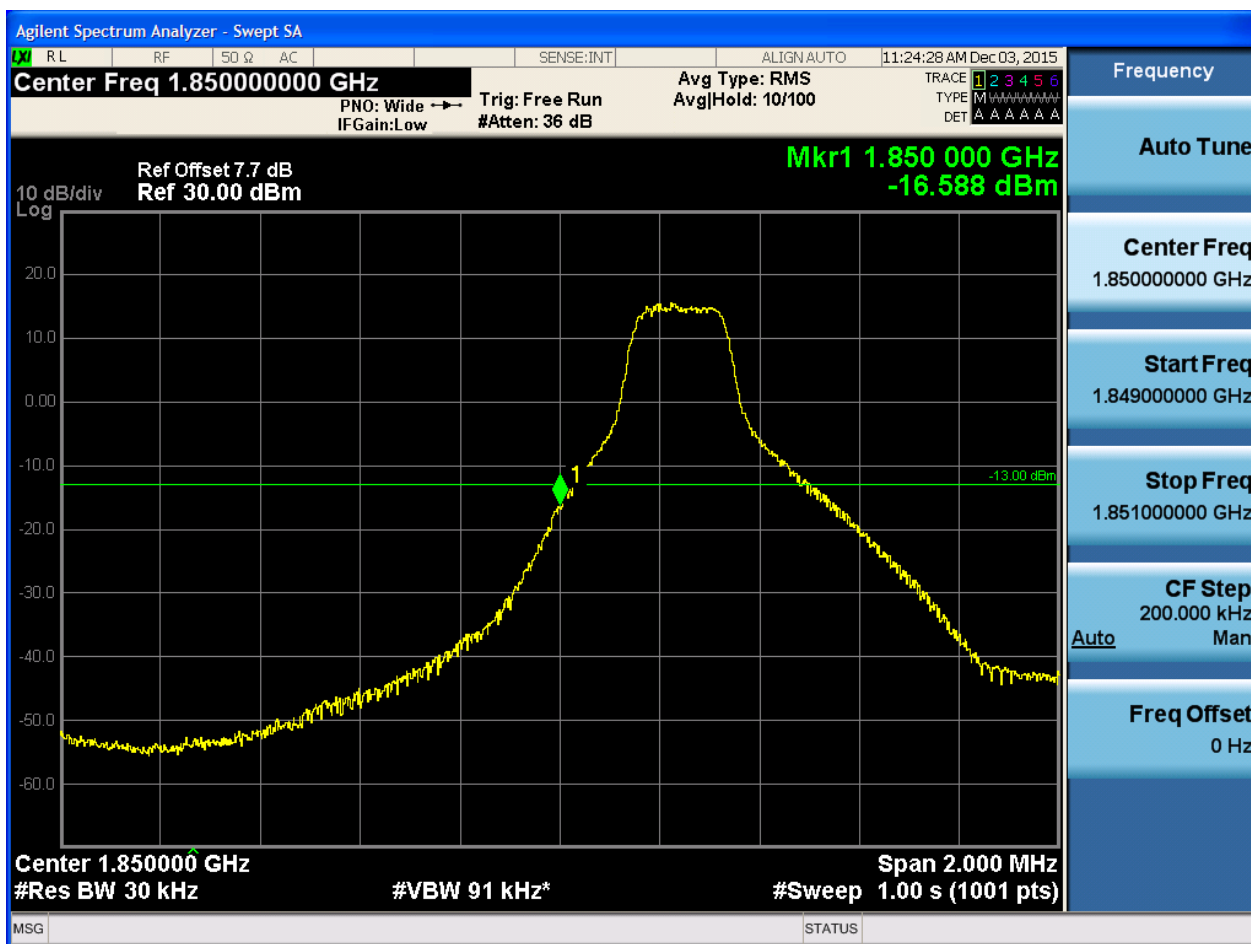
5.1.1.2.1.2.4 Test RB = RB6#0



5.1.1.2.2 Test Bandwidth = 3

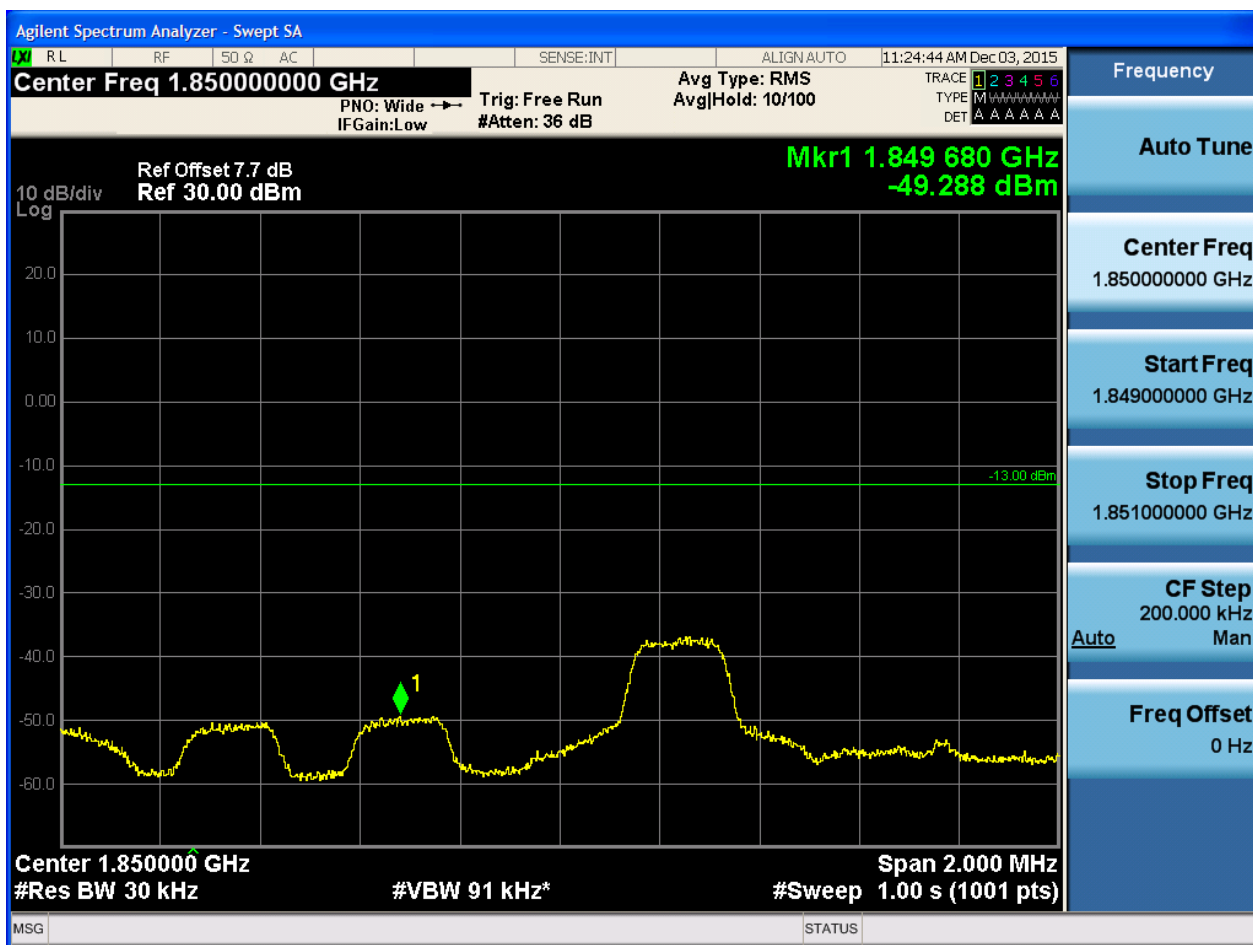
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14





5.1.1.2.2.1.3 Test RB = RB8#4

