



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
GSM850	GSM/TM1	LCH	33.1	30.23	38.5	PASS
		MCH	32.89	30.02	38.5	PASS
		HCH	32.76	29.89	38.5	PASS
	GSM/TM2	LCH	26.95	24.08	38.5	PASS
		MCH	26.86	23.99	38.5	PASS
		HCH	26.84	23.97	38.5	PASS
WCDMA850	UMTS/TM1	LCH	23.47	20.6	38.5	PASS
		MCH	23.5	20.63	38.5	PASS
		HCH	23.33	20.46	38.5	PASS
Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.72	30.3	33	PASS
		MCH	29.81	30.39	33	PASS
		HCH	29.68	30.26	33	PASS
	GSM/TM2	LCH	25.6	26.18	33	PASS
		MCH	25.58	26.16	33	PASS
		HCH	25.55	26.13	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel I	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	22.38	19.51	38.5	PASS
				RB1#3	22.36	19.49	38.5	PASS
				RB1#5	22.4	19.53	38.5	PASS
				RB3#0	22.27	19.4	38.5	PASS
				RB3#2	22.29	19.42	38.5	PASS
				RB3#3	22.31	19.44	38.5	PASS
			MCH	RB6#0	21.3	18.43	38.5	PASS
				RB1#0	22.4	19.53	38.5	PASS
				RB1#3	22.48	19.61	38.5	PASS
				RB1#5	22.5	19.63	38.5	PASS
				RB3#0	22.36	19.49	38.5	PASS

				RB3#2	22.42	19.55	38.5	PASS
				RB3#3	22.45	19.58	38.5	PASS
				RB6#0	21.5	18.63	38.5	PASS
			HCH	RB1#0	22.25	19.38	38.5	PASS
				RB1#3	22.05	19.18	38.5	PASS
				RB1#5	22.09	19.22	38.5	PASS
				RB3#0	22.18	19.31	38.5	PASS
				RB3#2	22.04	19.17	38.5	PASS
				RB3#3	22.09	19.22	38.5	PASS
				RB6#0	21.18	18.31	38.5	PASS
		3	LCH	RB1#0	22.35	19.48	38.5	PASS
				RB1#7	22.3	19.43	38.5	PASS
				RB1#14	22.28	19.41	38.5	PASS
				RB8#0	21.23	18.36	38.5	PASS
				RB8#4	21.11	18.24	38.5	PASS
				RB8#7	21.14	18.27	38.5	PASS
				RB15#0	21.06	18.19	38.5	PASS
			MCH	RB1#0	22.27	19.4	38.5	PASS
				RB1#7	22.45	19.58	38.5	PASS
				RB1#14	22.31	19.44	38.5	PASS
				RB8#0	21.17	18.3	38.5	PASS
				RB8#4	21.48	18.61	38.5	PASS
				RB8#7	21.38	18.51	38.5	PASS
				RB15#0	21.31	18.44	38.5	PASS
			HCH	RB1#0	22.28	19.41	38.5	PASS
				RB1#7	22.09	19.22	38.5	PASS
				RB1#14	22.12	19.25	38.5	PASS
				RB8#0	21.28	18.41	38.5	PASS
				RB8#4	21.06	18.19	38.5	PASS
				RB8#7	21.13	18.26	38.5	PASS
				RB15#0	21.06	18.19	38.5	PASS
		5	LCH	RB1#0	22.42	19.55	38.5	PASS
				RB1#13	22.31	19.44	38.5	PASS
				RB1#24	22.24	19.37	38.5	PASS
				RB12#0	21.25	18.38	38.5	PASS
				RB12#6	21.29	18.42	38.5	PASS
				RB12#13	21.14	18.27	38.5	PASS
				RB25#0	21.1	18.23	38.5	PASS
			MCH	RB1#0	22.32	19.45	38.5	PASS
				RB1#13	22.42	19.55	38.5	PASS
				RB1#24	22.28	19.41	38.5	PASS

				RB12#0	21.17	18.3	38.5	PASS
				RB12#6	21.43	18.56	38.5	PASS
				RB12#13	21.33	18.46	38.5	PASS
				RB25#0	21.26	18.39	38.5	PASS
			HCH	RB1#0	22.24	19.37	38.5	PASS
				RB1#13	22.3	19.43	38.5	PASS
				RB1#24	22.18	19.31	38.5	PASS
				RB12#0	21.23	18.36	38.5	PASS
				RB12#6	21.21	18.34	38.5	PASS
				RB12#13	21.13	18.26	38.5	PASS
				RB25#0	21.12	18.25	38.5	PASS
		10	LCH	RB1#0	22.27	19.4	38.5	PASS
				RB1#25	22.26	19.39	38.5	PASS
				RB1#49	22.24	19.37	38.5	PASS
				RB25#0	21.14	18.27	38.5	PASS
				RB25#13	21.21	18.34	38.5	PASS
				RB25#25	21.17	18.3	38.5	PASS
				RB50#0	21.1	18.23	38.5	PASS
			MCH	RB1#0	22.15	19.28	38.5	PASS
				RB1#25	22.41	19.54	38.5	PASS
				RB1#49	22.23	19.36	38.5	PASS
				RB25#0	21.22	18.35	38.5	PASS
				RB25#13	21.26	18.39	38.5	PASS
				RB25#25	21.2	18.33	38.5	PASS
				RB50#0	21.11	18.24	38.5	PASS
			HCH	RB1#0	22.26	19.39	38.5	PASS
				RB1#25	22.21	19.34	38.5	PASS
				RB1#49	22.19	19.32	38.5	PASS
				RB25#0	21.12	18.25	38.5	PASS
				RB25#13	21.07	18.2	38.5	PASS
				RB25#25	21.13	18.26	38.5	PASS
				RB50#0	21.08	18.21	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.21	18.34	38.5	PASS
				RB1#3	21	18.13	38.5	PASS
				RB1#5	21.13	18.26	38.5	PASS
				RB3#0	20.97	18.1	38.5	PASS
				RB3#2	20.98	18.11	38.5	PASS
				RB3#3	20.92	18.05	38.5	PASS
				RB6#0	20.06	17.19	38.5	PASS
			MCH	RB1#0	21.18	18.31	38.5	PASS
				RB1#3	21.27	18.4	38.5	PASS

				RB1#5	21.31	18.44	38.5	PASS
				RB3#0	21.01	18.14	38.5	PASS
				RB3#2	21.17	18.3	38.5	PASS
				RB3#3	21.15	18.28	38.5	PASS
				RB6#0	20.31	17.44	38.5	PASS
			HCH	RB1#0	20.99	18.12	38.5	PASS
				RB1#3	20.97	18.1	38.5	PASS
				RB1#5	20.96	18.09	38.5	PASS
				RB3#0	20.85	17.98	38.5	PASS
				RB3#2	20.84	17.97	38.5	PASS
				RB3#3	20.91	18.04	38.5	PASS
				RB6#0	19.92	17.05	38.5	PASS
		3	LCH	RB1#0	21.23	18.36	38.5	PASS
				RB1#7	21.07	18.2	38.5	PASS
				RB1#14	21.08	18.21	38.5	PASS
				RB8#0	20.25	17.38	38.5	PASS
				RB8#4	20.16	17.29	38.5	PASS
				RB8#7	20.31	17.44	38.5	PASS
				RB15#0	20.22	17.35	38.5	PASS
			MCH	RB1#0	21.05	18.18	38.5	PASS
				RB1#7	21.26	18.39	38.5	PASS
				RB1#14	21.05	18.18	38.5	PASS
				RB8#0	20.28	17.41	38.5	PASS
				RB8#4	20.42	17.55	38.5	PASS
				RB8#7	20.38	17.51	38.5	PASS
				RB15#0	20.32	17.45	38.5	PASS
			HCH	RB1#0	21.16	18.29	38.5	PASS
				RB1#7	20.95	18.08	38.5	PASS
				RB1#14	21.03	18.16	38.5	PASS
				RB8#0	20.27	17.4	38.5	PASS
				RB8#4	20.04	17.17	38.5	PASS
				RB8#7	20.02	17.15	38.5	PASS
				RB15#0	20.04	17.17	38.5	PASS
		5	LCH	RB1#0	21.41	18.54	38.5	PASS
				RB1#13	21.19	18.32	38.5	PASS
				RB1#24	21.14	18.27	38.5	PASS
				RB12#0	20.25	17.38	38.5	PASS
				RB12#6	20.29	17.42	38.5	PASS
				RB12#13	20.09	17.22	38.5	PASS
				RB25#0	20.16	17.29	38.5	PASS
			MCH	RB1#0	21.33	18.46	38.5	PASS

				RB1#13	21.37	18.5	38.5	PASS
				RB1#24	21.21	18.34	38.5	PASS
				RB12#0	20.21	17.34	38.5	PASS
				RB12#6	20.37	17.5	38.5	PASS
				RB12#13	20.33	17.46	38.5	PASS
				RB25#0	20.26	17.39	38.5	PASS
			HCH	RB1#0	21.18	18.31	38.5	PASS
				RB1#13	21.37	18.5	38.5	PASS
				RB1#24	21.14	18.27	38.5	PASS
				RB12#0	20.07	17.2	38.5	PASS
				RB12#6	20.18	17.31	38.5	PASS
				RB12#13	20.01	17.14	38.5	PASS
				RB25#0	20.01	17.14	38.5	PASS
		10	LCH	RB1#0	21.09	18.22	38.5	PASS
				RB1#25	21.08	18.21	38.5	PASS
				RB1#49	21.03	18.16	38.5	PASS
				RB25#0	20.17	17.3	38.5	PASS
				RB25#13	20.27	17.4	38.5	PASS
				RB25#25	20.27	17.4	38.5	PASS
				RB50#0	20.12	17.25	38.5	PASS
			MCH	RB1#0	20.98	18.11	38.5	PASS
				RB1#25	21.24	18.37	38.5	PASS
				RB1#49	21.06	18.19	38.5	PASS
				RB25#0	20.35	17.48	38.5	PASS
				RB25#13	20.26	17.39	38.5	PASS
				RB25#25	20.27	17.4	38.5	PASS
				RB50#0	20.15	17.28	38.5	PASS
			HCH	RB1#0	21.05	18.18	38.5	PASS
				RB1#25	21.06	18.19	38.5	PASS
				RB1#49	20.96	18.09	38.5	PASS
				RB25#0	20.28	17.41	38.5	PASS
				RB25#13	20.1	17.23	38.5	PASS
				RB25#25	20.14	17.27	38.5	PASS
				RB50#0	20.08	17.21	38.5	PASS
BAND7	LTE/TM1	5	LCH	RB1#0	22.42	23.25	33	PASS
				RB1#13	22.35	23.18	33	PASS
				RB1#24	22.35	23.18	33	PASS
				RB12#0	21.55	22.38	33	PASS
				RB12#6	21.52	22.35	33	PASS
				RB12#13	21.58	22.41	33	PASS
				RB25#0	21.47	22.3	33	PASS

			MCH	RB1#0	22.05	22.88	33	PASS
				RB1#13	22.04	22.87	33	PASS
				RB1#24	22.03	22.86	33	PASS
				RB12#0	21.02	21.85	33	PASS
				RB12#6	21.15	21.98	33	PASS
				RB12#13	21.06	21.89	33	PASS
				RB25#0	21.22	22.05	33	PASS
			HCH	RB1#0	22.13	22.96	33	PASS
				RB1#13	22.08	22.91	33	PASS
				RB1#24	22.18	23.01	33	PASS
				RB12#0	21.22	22.05	33	PASS
				RB12#6	21.1	21.93	33	PASS
				RB12#13	21.12	21.95	33	PASS
				RB25#0	21.2	22.03	33	PASS
		10	LCH	RB1#0	22.38	23.21	33	PASS
				RB1#25	22.37	23.2	33	PASS
				RB1#49	22.06	22.89	33	PASS
				RB25#0	21.45	22.28	33	PASS
				RB25#13	21.55	22.38	33	PASS
				RB25#25	21.15	21.98	33	PASS
				RB50#0	21.27	22.1	33	PASS
			MCH	RB1#0	21.92	22.75	33	PASS
				RB1#25	22	22.83	33	PASS
				RB1#49	22.12	22.95	33	PASS
				RB25#0	20.96	21.79	33	PASS
				RB25#13	21.08	21.91	33	PASS
				RB25#25	21.15	21.98	33	PASS
				RB50#0	21.15	21.98	33	PASS
			HCH	RB1#0	22.14	22.97	33	PASS
				RB1#25	22.14	22.97	33	PASS
				RB1#49	22.06	22.89	33	PASS
				RB25#0	21.21	22.04	33	PASS
				RB25#13	21.09	21.92	33	PASS
				RB25#25	21.14	21.97	33	PASS
				RB50#0	21.19	22.02	33	PASS
		15	LCH	RB1#0	22.34	23.17	33	PASS
				RB1#38	22.2	23.03	33	PASS
				RB1#74	21.89	22.72	33	PASS
				RB36#0	21.46	22.29	33	PASS
				RB36#18	21.28	22.11	33	PASS
				RB36#39	21.08	21.91	33	PASS

				RB75#0	21.26	22.09	33	PASS
			MCH	RB1#0	21.89	22.72	33	PASS
				RB1#38	22.01	22.84	33	PASS
				RB1#74	22.09	22.92	33	PASS
				RB36#0	21.01	21.84	33	PASS
				RB36#18	21.12	21.95	33	PASS
				RB36#39	21.07	21.9	33	PASS
				RB75#0	21.13	21.96	33	PASS
			HCH	RB1#0	22.3	23.13	33	PASS
				RB1#38	22.25	23.08	33	PASS
				RB1#74	22.18	23.01	33	PASS
				RB36#0	21.29	22.12	33	PASS
				RB36#18	21.13	21.96	33	PASS
				RB36#39	21.13	21.96	33	PASS
				RB75#0	21.14	21.97	33	PASS
		20	LCH	RB1#0	22.43	23.26	33	PASS
				RB1#50	22.03	22.86	33	PASS
				RB1#99	22.08	22.91	33	PASS
				RB50#0	21.26	22.09	33	PASS
				RB50#25	21.1	21.93	33	PASS
				RB50#50	21.01	21.84	33	PASS
				RB100#0	21.2	22.03	33	PASS
			MCH	RB1#0	22.09	22.92	33	PASS
				RB1#50	22.11	22.94	33	PASS
				RB1#99	22.02	22.85	33	PASS
				RB50#0	21	21.83	33	PASS
				RB50#25	21.15	21.98	33	PASS
				RB50#50	21.05	21.88	33	PASS
				RB100#0	20.99	21.82	33	PASS
			HCH	RB1#0	22.12	22.95	33	PASS
				RB1#50	22.25	23.08	33	PASS
				RB1#99	22.2	23.03	33	PASS
				RB50#0	21.29	22.12	33	PASS
				RB50#25	21.27	22.1	33	PASS
				RB50#50	21.14	21.97	33	PASS
				RB100#0	21.21	22.04	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.14	21.97	33	PASS
				RB1#13	21.1	21.93	33	PASS
				RB1#24	21.33	22.16	33	PASS
				RB12#0	20.47	21.3	33	PASS
				RB12#6	20.46	21.29	33	PASS

				RB12#13	20.34	21.17	33	PASS
				RB25#0	20.39	21.22	33	PASS
			MCH	RB1#0	20.91	21.74	33	PASS
				RB1#13	21.01	21.84	33	PASS
				RB1#24	21.07	21.9	33	PASS
				RB12#0	20.19	21.02	33	PASS
				RB12#6	20.29	21.12	33	PASS
				RB12#13	20.19	21.02	33	PASS
				RB25#0	20.2	21.03	33	PASS
			HCH	RB1#0	20.94	21.77	33	PASS
				RB1#13	20.94	21.77	33	PASS
				RB1#24	21.05	21.88	33	PASS
				RB12#0	20.16	20.99	33	PASS
				RB12#6	20	20.83	33	PASS
				RB12#13	20.2	21.03	33	PASS
				RB25#0	20.05	20.88	33	PASS
		10	LCH	RB1#0	21.64	22.47	33	PASS
				RB1#25	21.63	22.46	33	PASS
				RB1#49	21.17	22	33	PASS
				RB25#0	20.31	21.14	33	PASS
				RB25#13	20.5	21.33	33	PASS
				RB25#25	20.15	20.98	33	PASS
				RB50#0	20.26	21.09	33	PASS
			MCH	RB1#0	21.24	22.07	33	PASS
				RB1#25	21.24	22.07	33	PASS
				RB1#49	21.32	22.15	33	PASS
				RB25#0	20.11	20.94	33	PASS
				RB25#13	20.03	20.86	33	PASS
				RB25#25	20.16	20.99	33	PASS
				RB50#0	20.24	21.07	33	PASS
		15	HCH	RB1#0	21.03	21.86	33	PASS
				RB1#25	21.06	21.89	33	PASS
				RB1#49	21.04	21.87	33	PASS
				RB25#0	20.24	21.07	33	PASS
				RB25#13	20.02	20.85	33	PASS
				RB25#25	20.13	20.96	33	PASS
				RB50#0	20.26	21.09	33	PASS
			LCH	RB1#0	21.52	22.35	33	PASS
				RB1#38	21.44	22.27	33	PASS
				RB1#74	21.22	22.05	33	PASS
				RB36#0	20.49	21.32	33	PASS

				RB36#18	20.43	21.26	33	PASS
				RB36#39	20.28	21.11	33	PASS
				RB75#0	20.3	21.13	33	PASS
			MCH	RB1#0	21.21	22.04	33	PASS
				RB1#38	21.3	22.13	33	PASS
				RB1#74	21.35	22.18	33	PASS
				RB36#0	20.04	20.87	33	PASS
				RB36#18	20.1	20.93	33	PASS
				RB36#39	20.21	21.04	33	PASS
				RB75#0	20.09	20.92	33	PASS
			HCH	RB1#0	21.19	22.02	33	PASS
				RB1#38	21.03	21.86	33	PASS
				RB1#74	21.07	21.9	33	PASS
				RB36#0	20.24	21.07	33	PASS
				RB36#18	20.07	20.9	33	PASS
				RB36#39	20.12	20.95	33	PASS
				RB75#0	20.12	20.95	33	PASS
		20	LCH	RB1#0	21.62	22.45	33	PASS
				RB1#50	21.17	22	33	PASS
				RB1#99	21.28	22.11	33	PASS
				RB50#0	20.13	20.96	33	PASS
				RB50#25	20.1	20.93	33	PASS
				RB50#50	20.05	20.88	33	PASS
				RB100#0	20.25	21.08	33	PASS
			MCH	RB1#0	21.28	22.11	33	PASS
				RB1#50	21.29	22.12	33	PASS
				RB1#99	21.21	22.04	33	PASS
				RB50#0	20.2	21.03	33	PASS
				RB50#25	20.12	20.95	33	PASS
				RB50#50	20.14	20.97	33	PASS
				RB100#0	20.18	21.01	33	PASS
			HCH	RB1#0	21.36	22.19	33	PASS
				RB1#50	21.67	22.5	33	PASS
				RB1#99	21.53	22.36	33	PASS
				RB50#0	20.44	21.27	33	PASS
				RB50#25	20.36	21.19	33	PASS
				RB50#50	20.2	21.03	33	PASS
				RB100#0	20.29	21.12	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: $\text{RBW} > \text{emission bandwidth}$, $\text{VBW} > 3 \times \text{RBW}$.

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
BAND5	LTE/TM1	1.4	LCH	RB1#0	4.4	13	PASS
				RB1#3	4.25	13	PASS
				RB1#5	4.19	13	PASS
				RB3#0	4.35	13	PASS
				RB3#2	4.17	13	PASS
				RB3#3	4.21	13	PASS
				RB6#0	5.34	13	PASS
			MCH	RB1#0	4.58	13	PASS
				RB1#3	4.66	13	PASS
				RB1#5	4.71	13	PASS
				RB3#0	5.4	13	PASS
				RB3#2	5.35	13	PASS
				RB3#3	5.44	13	PASS
				RB6#0	5.88	13	PASS
			HCH	RB1#0	4.74	13	PASS
				RB1#3	4.63	13	PASS
				RB1#5	4.65	13	PASS
				RB3#0	4.62	13	PASS
				RB3#2	4.5	13	PASS
				RB3#3	4.53	13	PASS
			3	LCH	RB6#0	5.5	13
		RB1#0			4.89	13	PASS
		RB1#7			4.15	13	PASS
		RB1#14			4.67	13	PASS
		RB8#0			4.93	13	PASS
		RB8#4			4.84	13	PASS
		RB8#7			4.89	13	PASS
		RB15#0		5.5	13	PASS	
		MCH		RB1#0	5.01	13	PASS
			RB1#7	4.87	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.99	13	PASS
				RB8#0	5.25	13	PASS
				RB8#4	5.23	13	PASS
				RB8#7	5.21	13	PASS
				RB15#0	6.08	13	PASS
			HCH	RB1#0	4.66	13	PASS
				RB1#7	4.66	13	PASS
				RB1#14	4.67	13	PASS
				RB8#0	5.02	13	PASS
				RB8#4	4.99	13	PASS
				RB8#7	5.08	13	PASS
				RB15#0	5.42	13	PASS
		5	LCH	RB1#0	4.59	13	PASS
				RB1#13	3.93	13	PASS
				RB1#24	4.6	13	PASS
				RB12#0	4.73	13	PASS
				RB12#6	4.55	13	PASS
				RB12#13	4.78	13	PASS
				RB25#0	5.53	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#13	4.63	13	PASS
				RB1#24	4.85	13	PASS
				RB12#0	5.25	13	PASS
				RB12#6	5.07	13	PASS
				RB12#13	5.21	13	PASS
				RB25#0	5.71	13	PASS
			HCH	RB1#0	4.81	13	PASS
				RB1#13	4.36	13	PASS
				RB1#24	4.76	13	PASS
				RB12#0	5.11	13	PASS
				RB12#6	4.88	13	PASS
				RB12#13	4.96	13	PASS
				RB25#0	5.84	13	PASS
		10	LCH	RB1#0	4.9	13	PASS
				RB1#25	4.28	13	PASS
				RB1#49	4.8	13	PASS
				RB25#0	5.1	13	PASS
				RB25#13	4.89	13	PASS
				RB25#25	5.35	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.5	13	PASS
			MCH	RB1#0	4.88	13	PASS
				RB1#25	4.92	13	PASS
				RB1#49	5.38	13	PASS
				RB25#0	5.47	13	PASS
				RB25#13	5.57	13	PASS
				RB25#25	5.78	13	PASS
				RB50#0	6	13	PASS
			HCH	RB1#0	5.39	13	PASS
				RB1#25	4.88	13	PASS
				RB1#49	4.99	13	PASS
				RB25#0	5.83	13	PASS
				RB25#13	5.64	13	PASS
				RB25#25	5.44	13	PASS
				RB50#0	5.66	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.62	13	PASS
				RB1#3	4.59	13	PASS
				RB1#5	4.53	13	PASS
				RB3#0	5.15	13	PASS
				RB3#2	4.99	13	PASS
				RB3#3	5.08	13	PASS
				RB6#0	6.05	13	PASS
			MCH	RB1#0	5.09	13	PASS
				RB1#3	5.19	13	PASS
				RB1#5	5.24	13	PASS
				RB3#0	5.75	13	PASS
				RB3#2	5.7	13	PASS
				RB3#3	5.75	13	PASS
				RB6#0	6.07	13	PASS
			HCH	RB1#0	4.79	13	PASS
				RB1#3	4.77	13	PASS
				RB1#5	4.78	13	PASS
				RB3#0	5.38	13	PASS
				RB3#2	5.23	13	PASS
				RB3#3	5.35	13	PASS
				RB6#0	5.86	13	PASS
		3	LCH	RB1#0	4.73	13	PASS
				RB1#7	4.63	13	PASS
				RB1#14	4.66	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	5.66	13	PASS
				RB8#4	5.48	13	PASS
				RB8#7	5.51	13	PASS
				RB15#0	5.97	13	PASS
			MCH	RB1#0	5.25	13	PASS
				RB1#7	5.11	13	PASS
				RB1#14	5.23	13	PASS
				RB8#0	5.66	13	PASS
				RB8#4	5.52	13	PASS
				RB8#7	5.8	13	PASS
				RB15#0	6.13	13	PASS
			HCH	RB1#0	4.89	13	PASS
				RB1#7	4.76	13	PASS
				RB1#14	4.87	13	PASS
				RB8#0	5.41	13	PASS
				RB8#4	5.34	13	PASS
				RB8#7	5.39	13	PASS
				RB15#0	5.9	13	PASS
		5	LCH	RB1#0	5.38	13	PASS
				RB1#13	4.65	13	PASS
				RB1#24	5.36	13	PASS
				RB12#0	5.3	13	PASS
				RB12#6	5.12	13	PASS
				RB12#13	5.34	13	PASS
				RB25#0	6.18	13	PASS
			MCH	RB1#0	5.39	13	PASS
				RB1#13	5.35	13	PASS
				RB1#24	5.71	13	PASS
				RB12#0	5.59	13	PASS
				RB12#6	5.39	13	PASS
				RB12#13	5.86	13	PASS
				RB25#0	6.41	13	PASS
			HCH	RB1#0	5.41	13	PASS
				RB1#13	5	13	PASS
				RB1#24	5.47	13	PASS
				RB12#0	5.55	13	PASS
				RB12#6	5.12	13	PASS
				RB12#13	5.35	13	PASS
				RB25#0	6.08	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.08	13	PASS
				RB1#25	4.51	13	PASS
				RB1#49	4.91	13	PASS
				RB25#0	5.53	13	PASS
				RB25#13	5.36	13	PASS
				RB25#25	5.5	13	PASS
				RB50#0	5.95	13	PASS
			MCH	RB1#0	5.17	13	PASS
				RB1#25	5.18	13	PASS
				RB1#49	5.5	13	PASS
				RB25#0	5.67	13	PASS
				RB25#13	5.62	13	PASS
				RB25#25	6.22	13	PASS
				RB50#0	6.4	13	PASS
			HCH	RB1#0	5.53	13	PASS
				RB1#25	5.14	13	PASS
				RB1#49	5.4	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	5.69	13	PASS
				RB25#25	5.75	13	PASS
				RB50#0	6.18	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

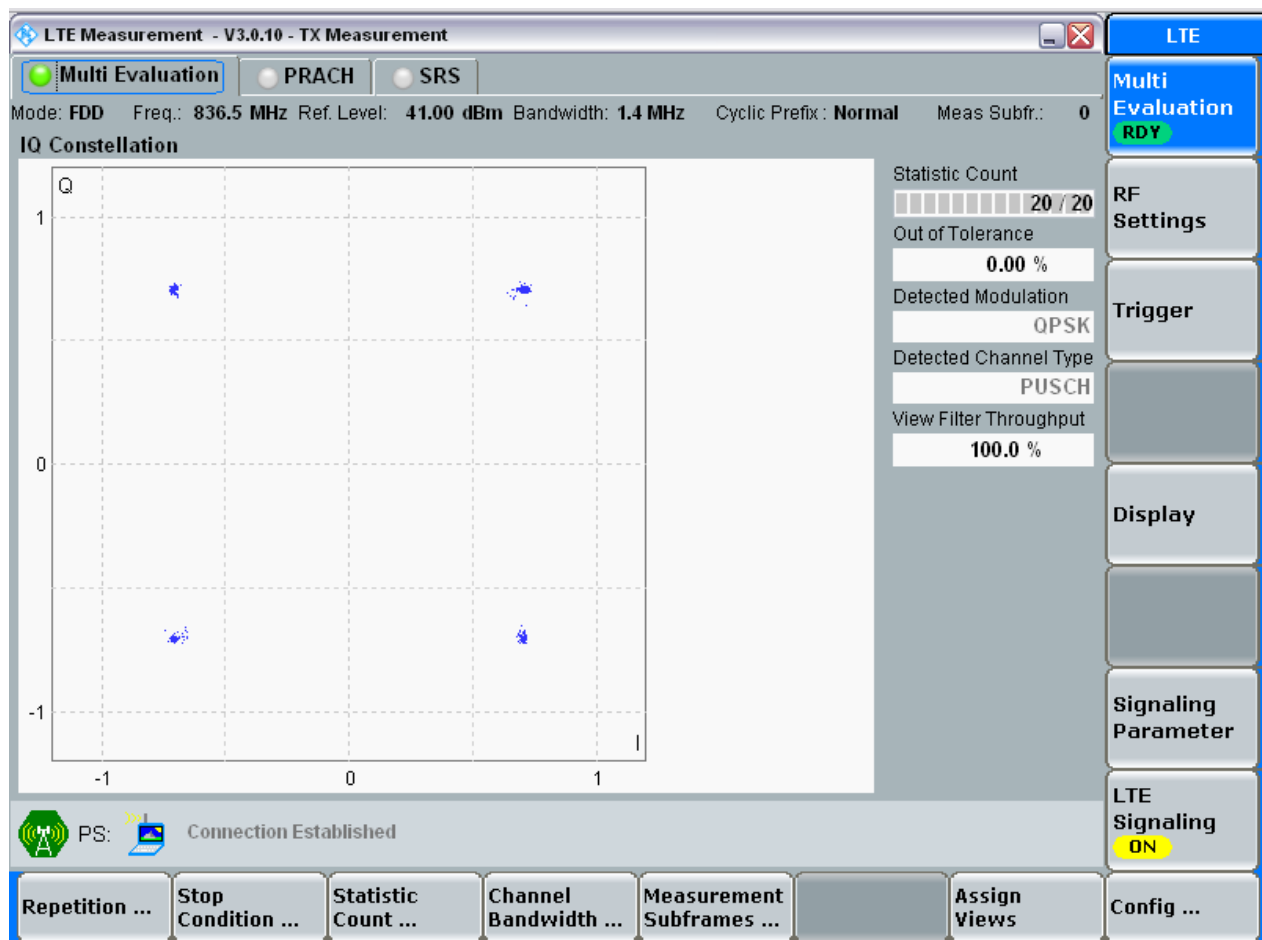
3.1.1 Test Band = BAND5

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

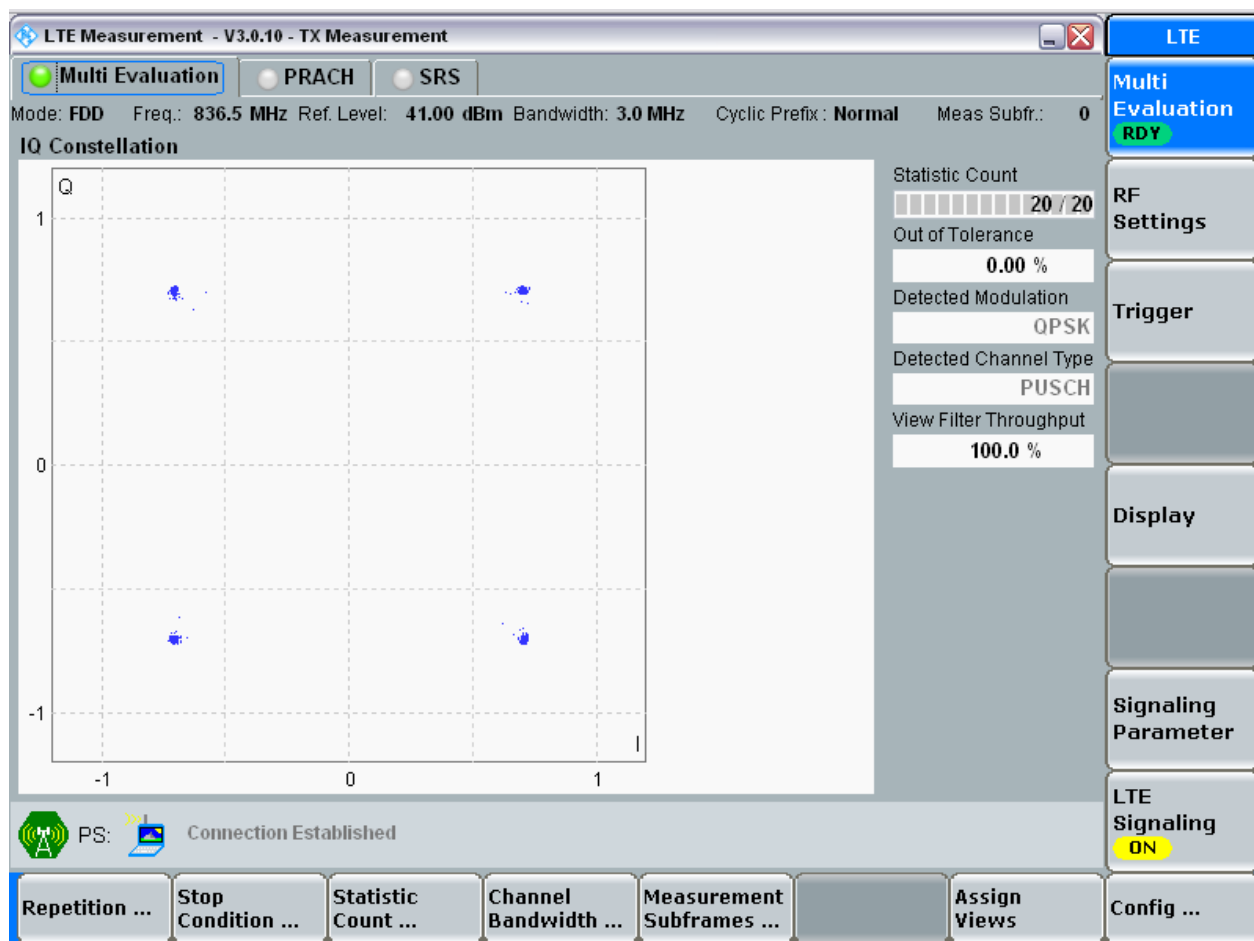
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

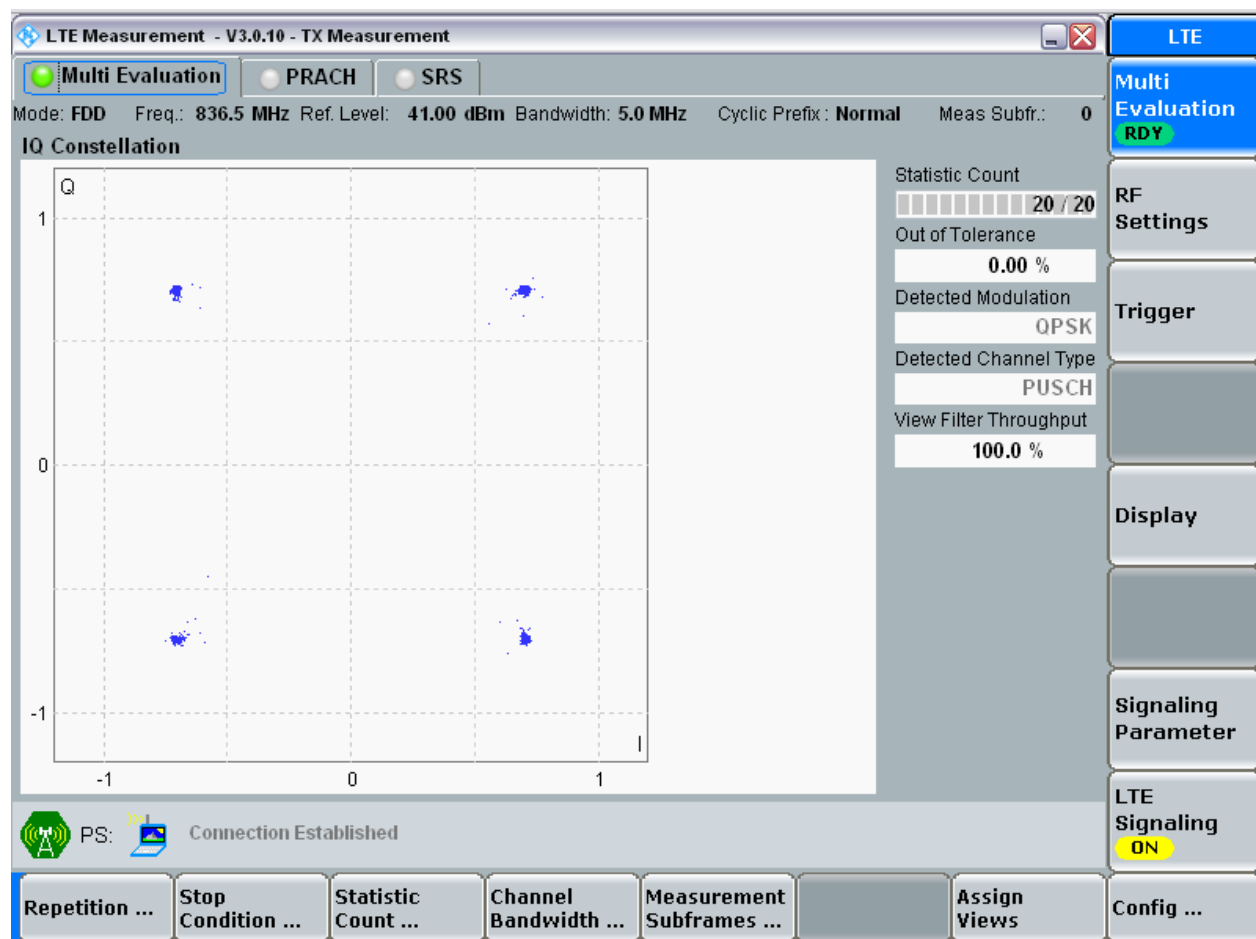
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

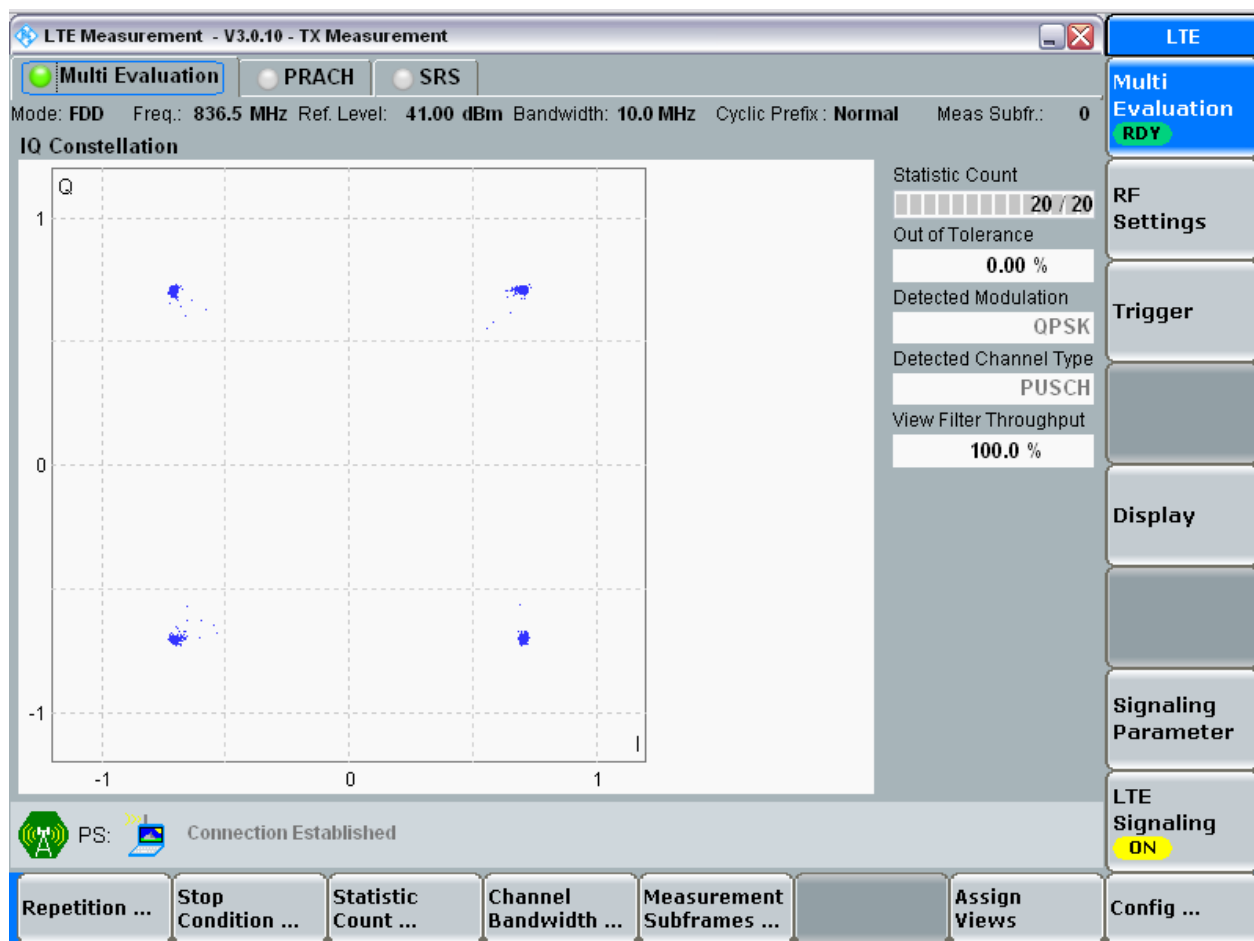
3.1.1.1.3.1.1 Test RB = RB25#0



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

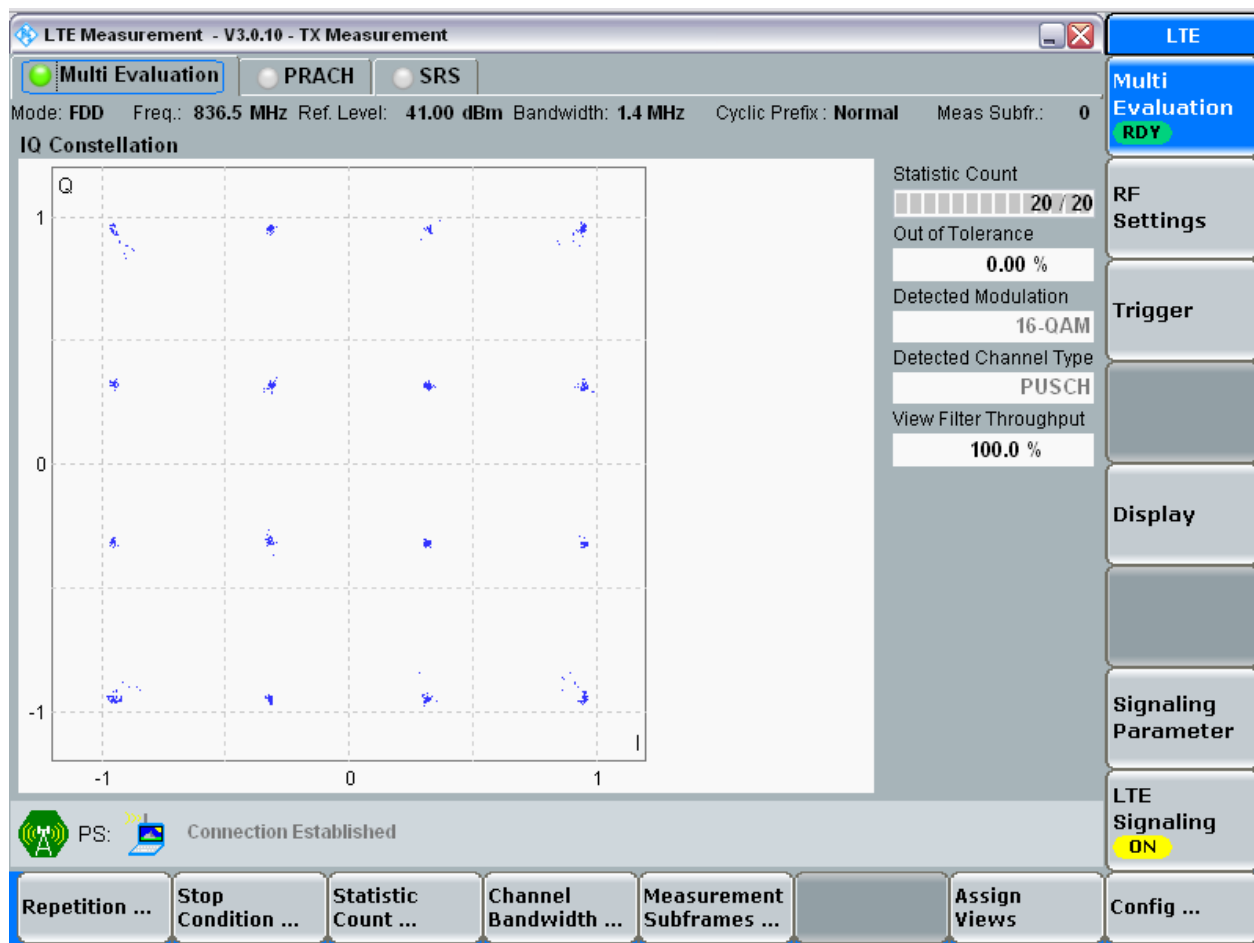


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

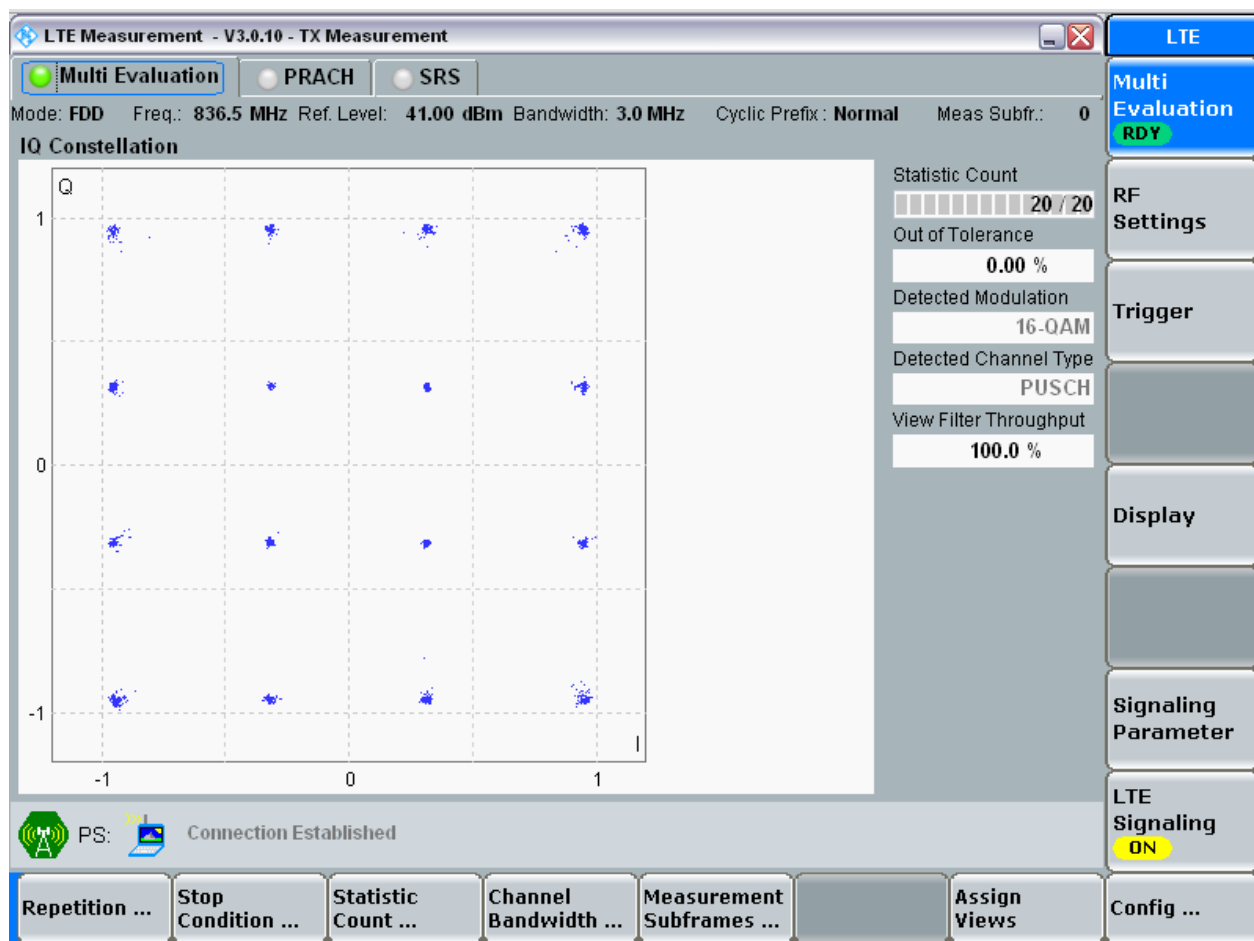
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

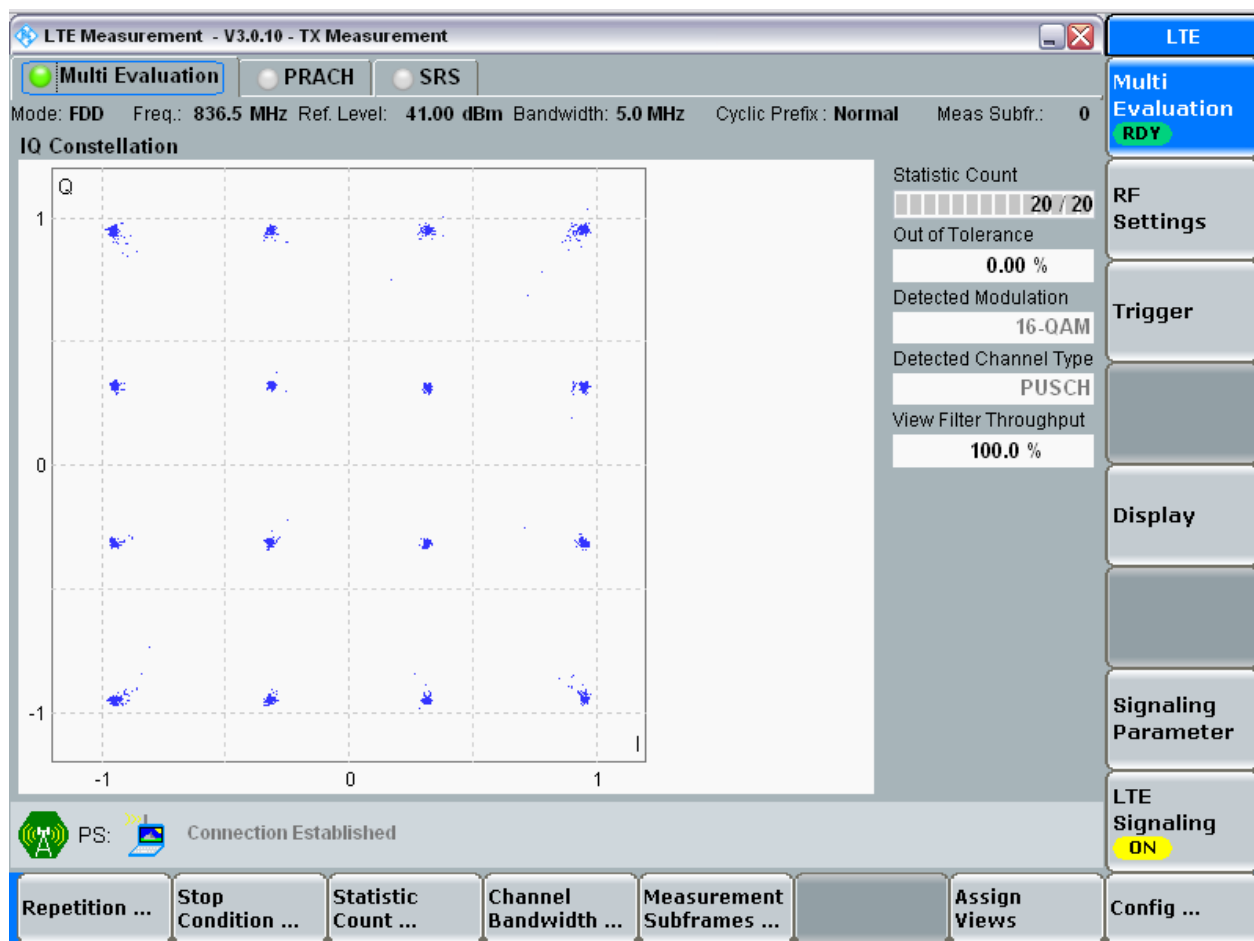
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

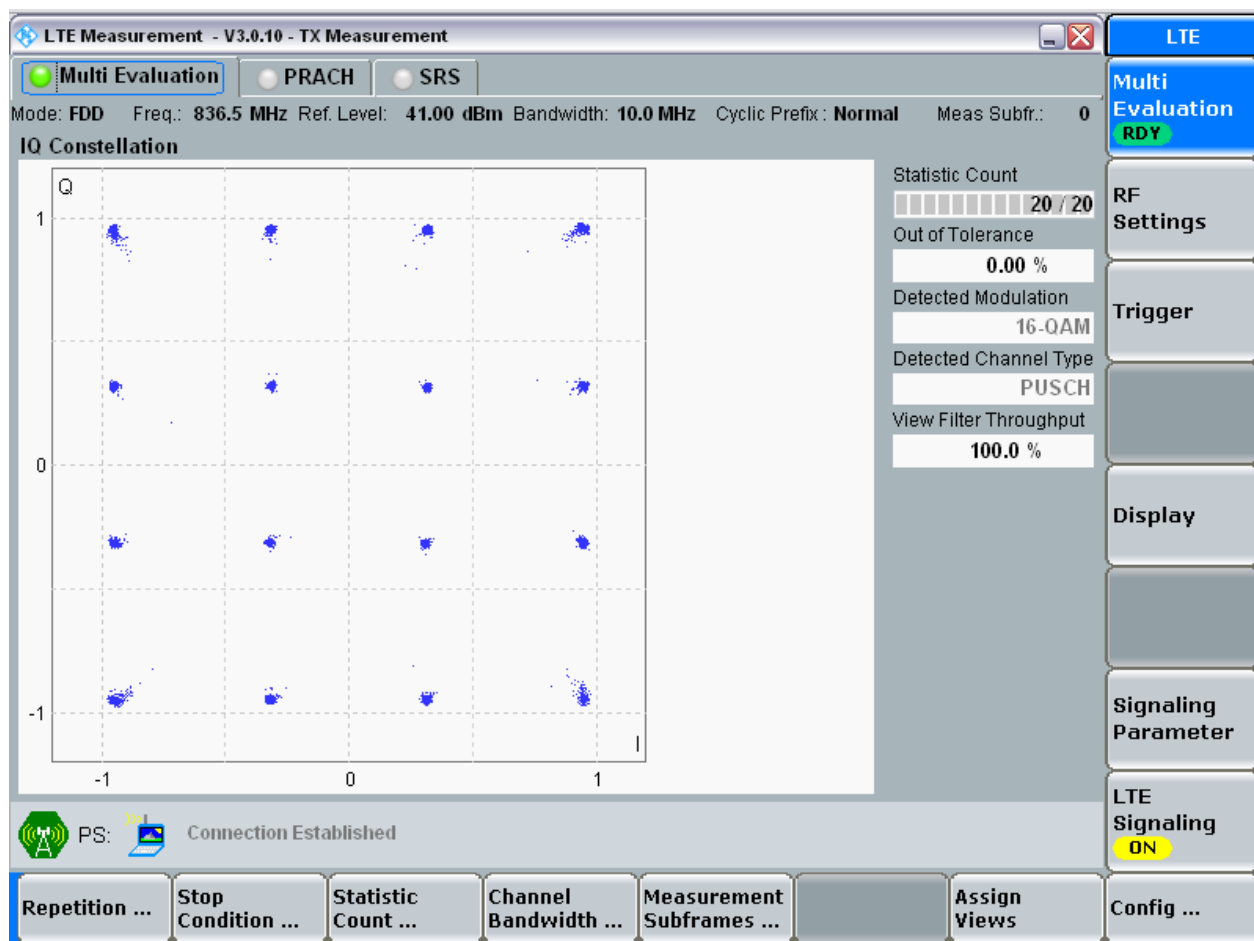
3.1.1.2.3.1.1 Test RB = RB25#0



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



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB6#0	1.09	1.26	Pass
			MCH	RB6#0	1.09	1.26	Pass
			HCH	RB6#0	1.09	1.28	Pass
		3	LCH	RB15#0	2.70	2.91	Pass
			MCH	RB15#0	2.70	2.91	Pass
			HCH	RB15#0	2.70	2.91	Pass
		5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.50	4.88	Pass
		10	LCH	RB50#0	8.97	9.55	Pass
			MCH	RB50#0	8.98	9.57	Pass
			HCH	RB50#0	8.98	9.55	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.27	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.50	4.89	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.95	9.54	Pass
			MCH	RB50#0	8.96	9.58	Pass
			HCH	RB50#0	8.96	9.56	Pass



Part II - Test Plots

4.1 For LTE

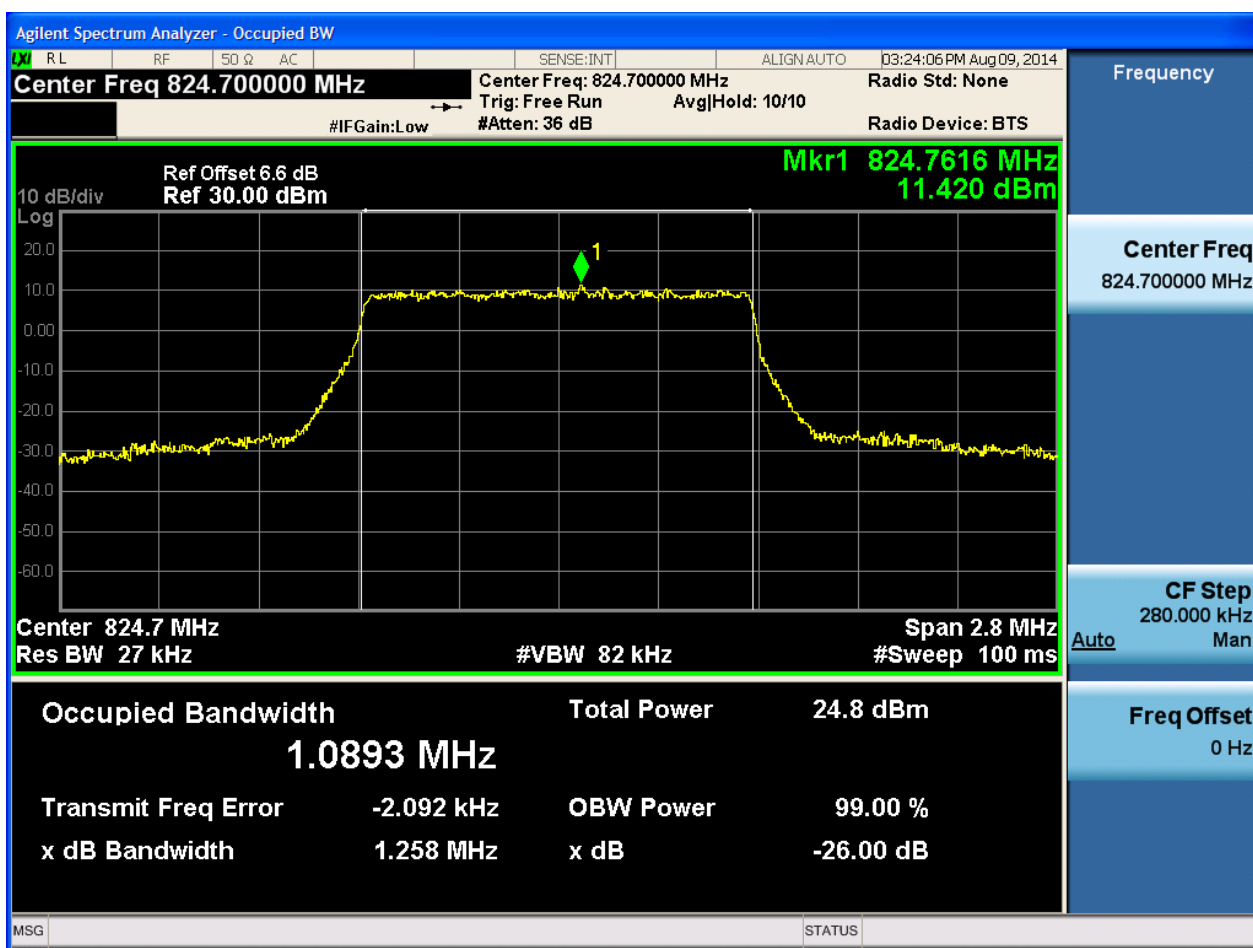
4.1.1 Test Band = BAND5

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

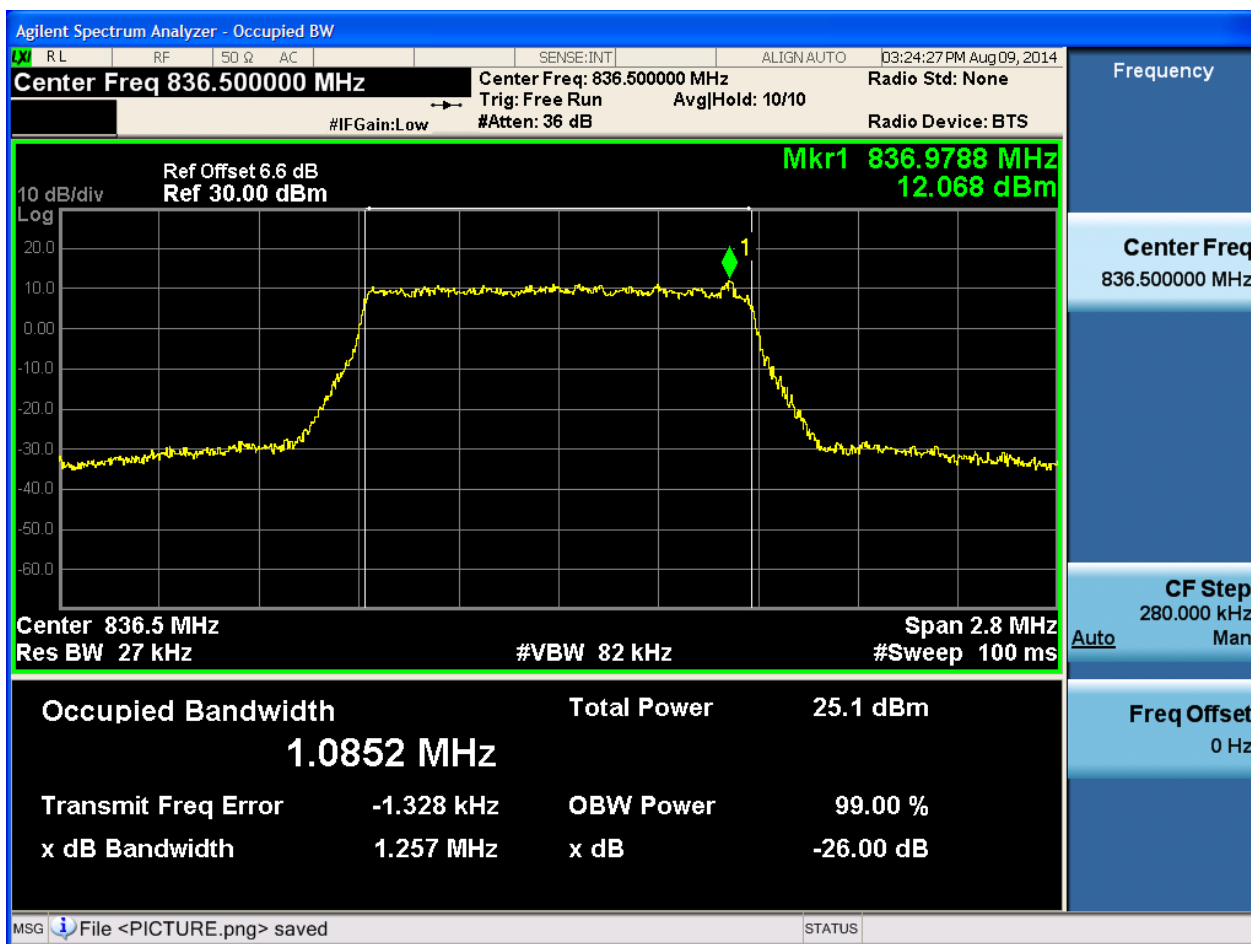
4.1.1.1.1.1.1 Test RB = RB6#0





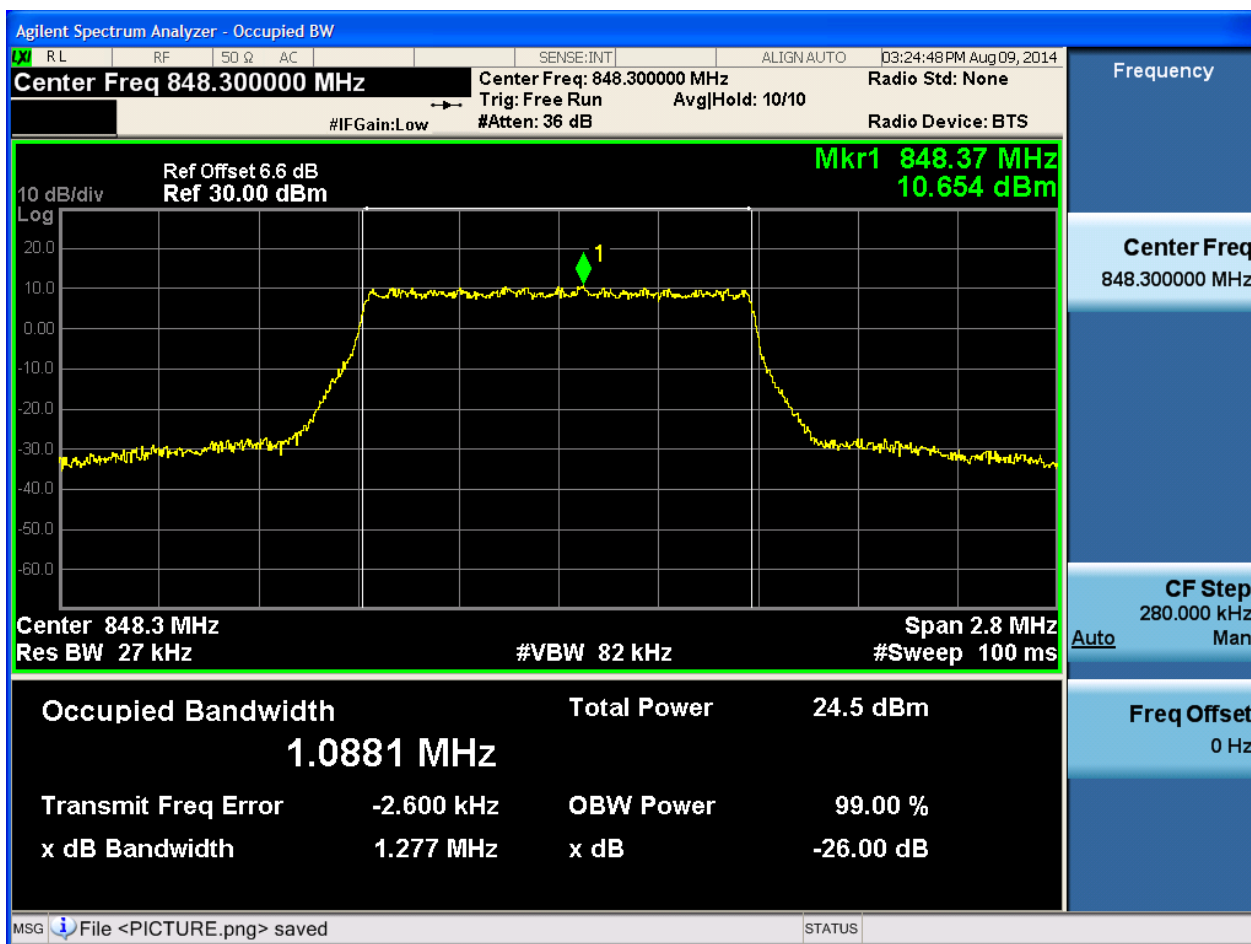
4.1.1.1.1.2 Test Channel = MCH

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

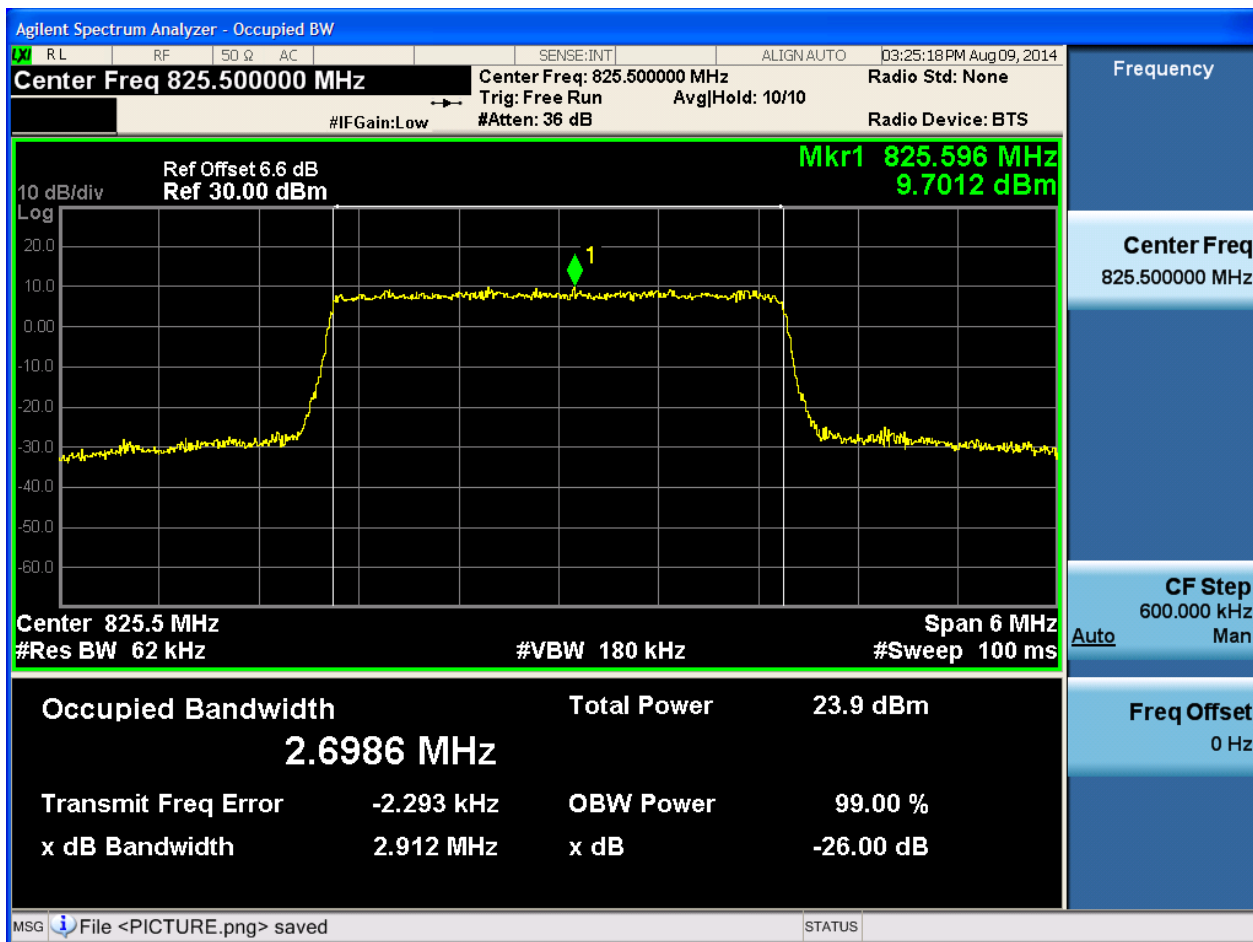




4.1.1.1.2 Test Bandwidth = 3

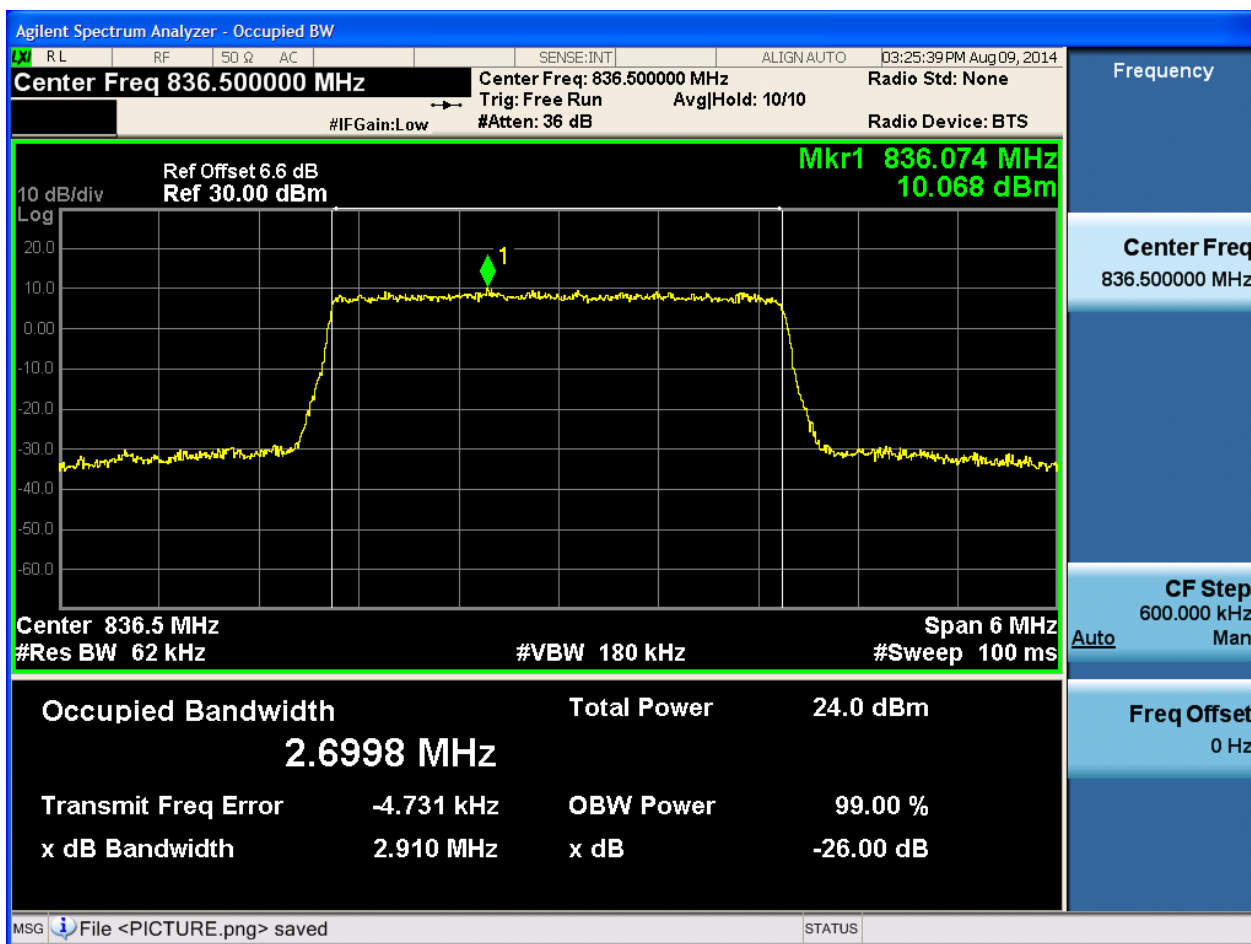
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

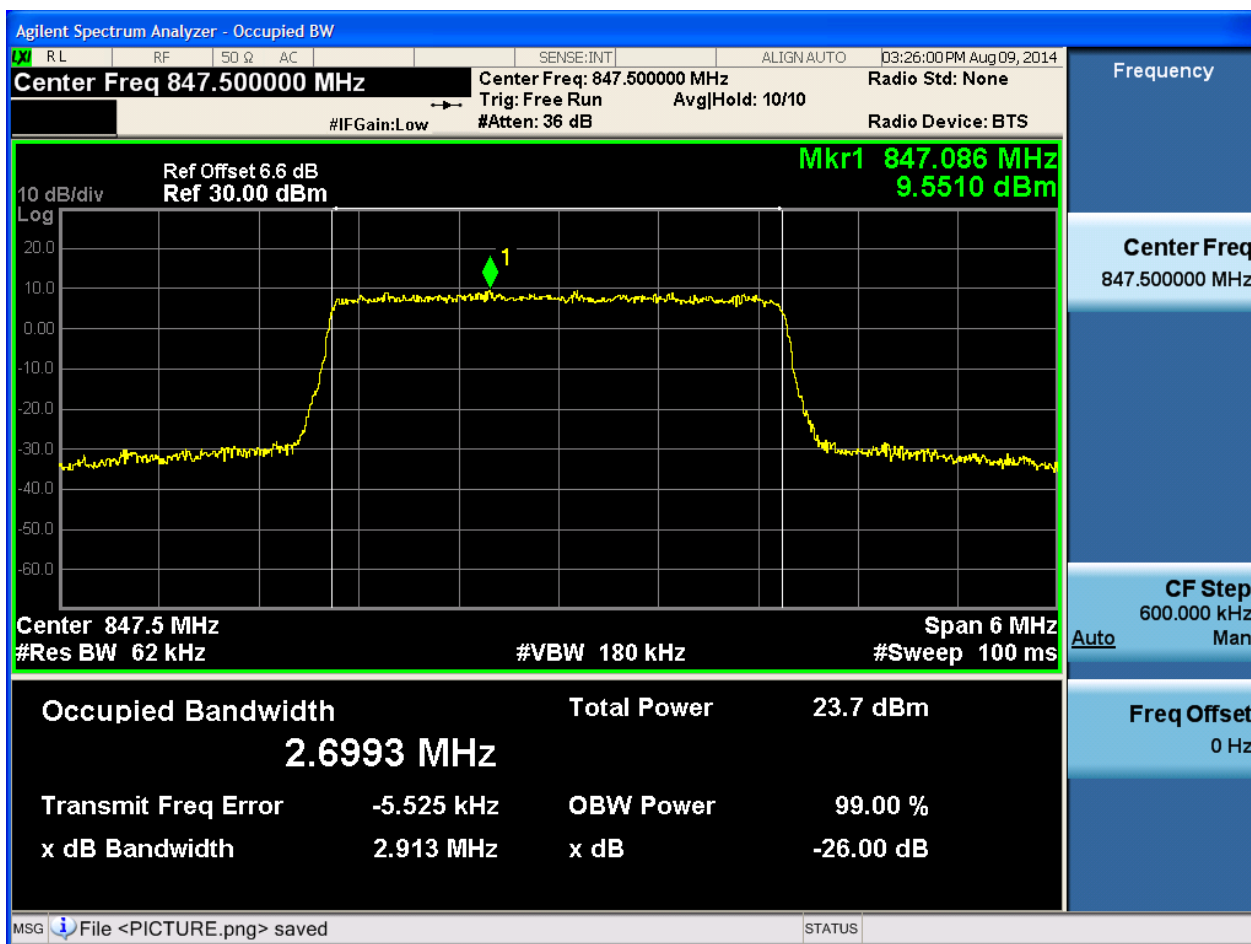
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

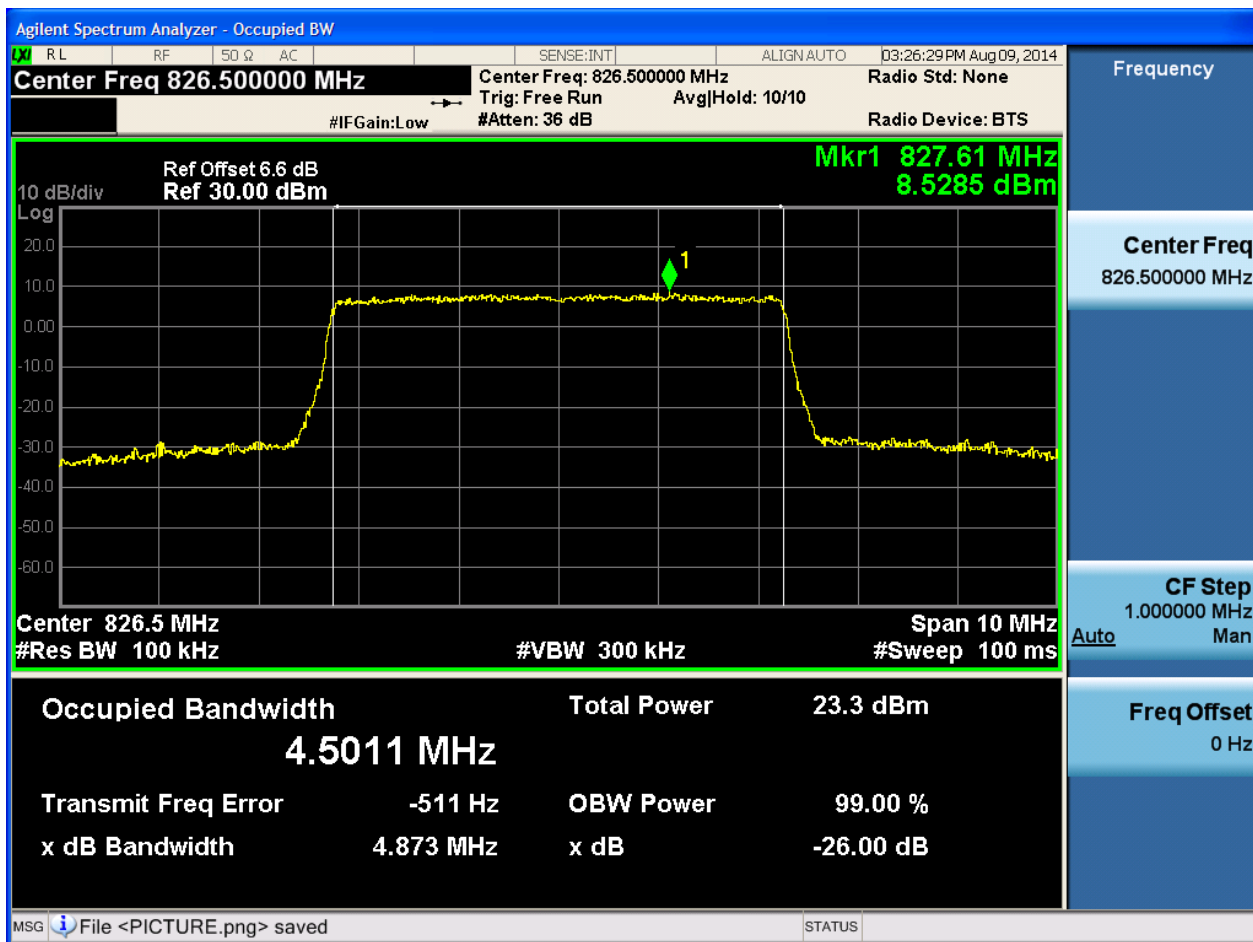




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

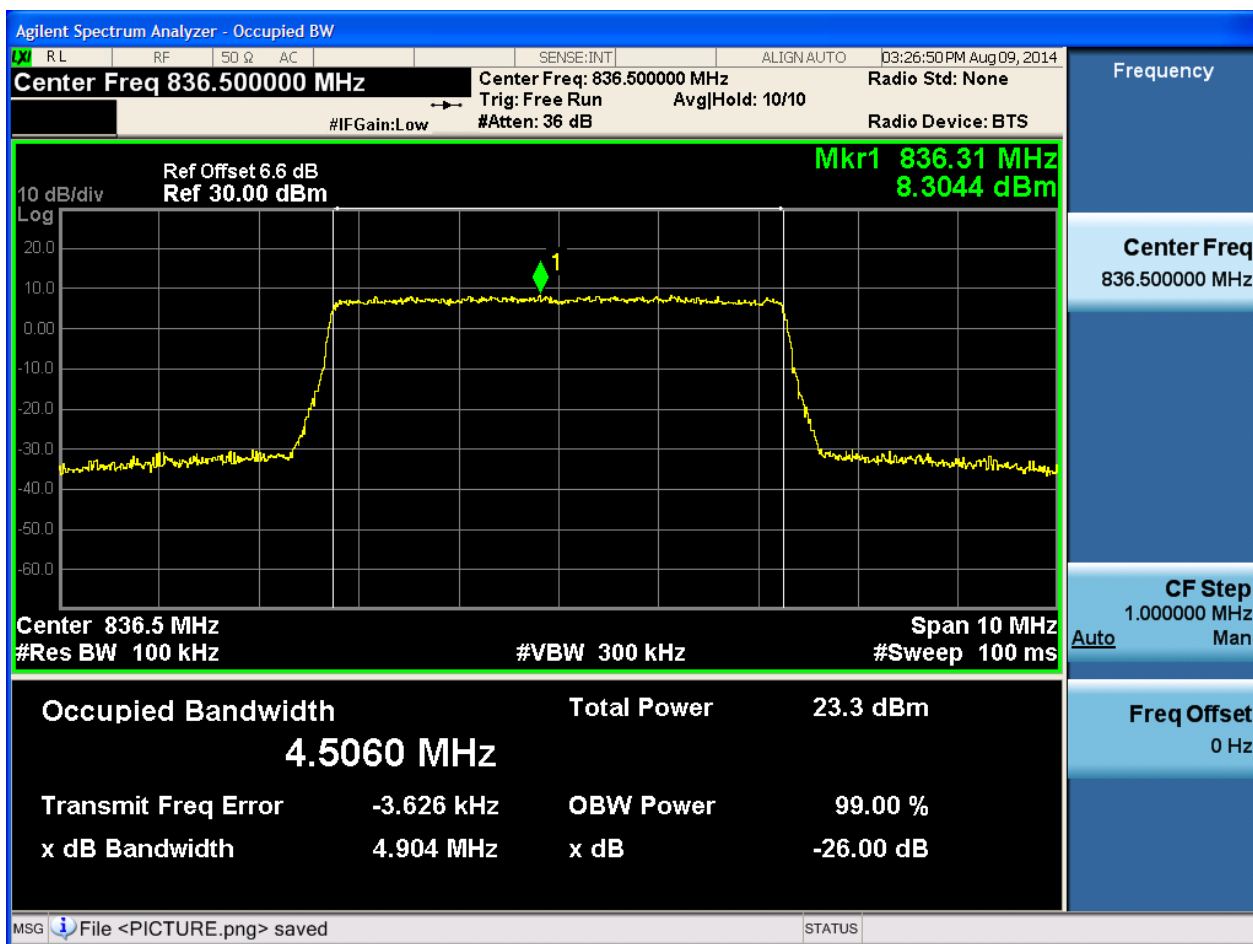
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

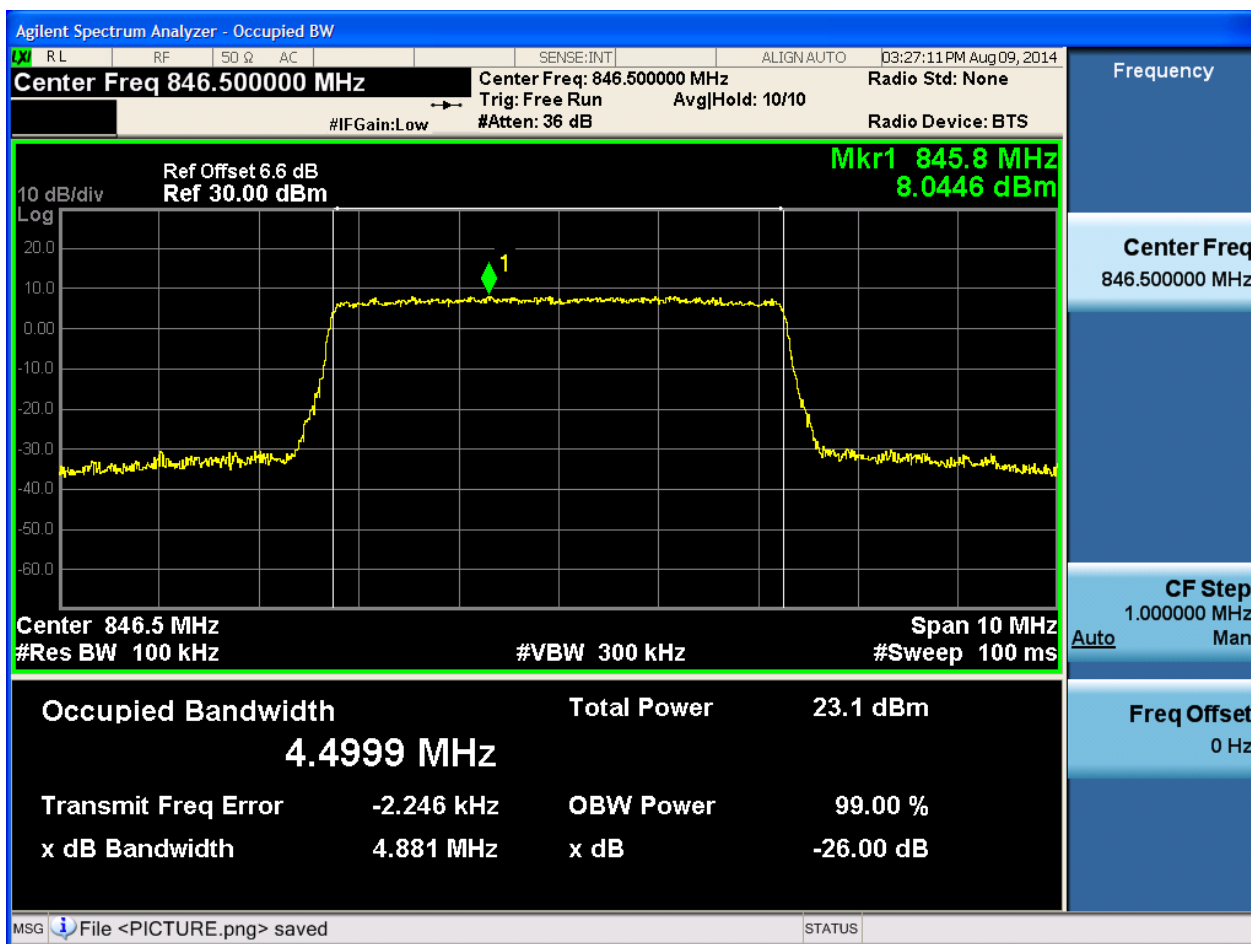
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

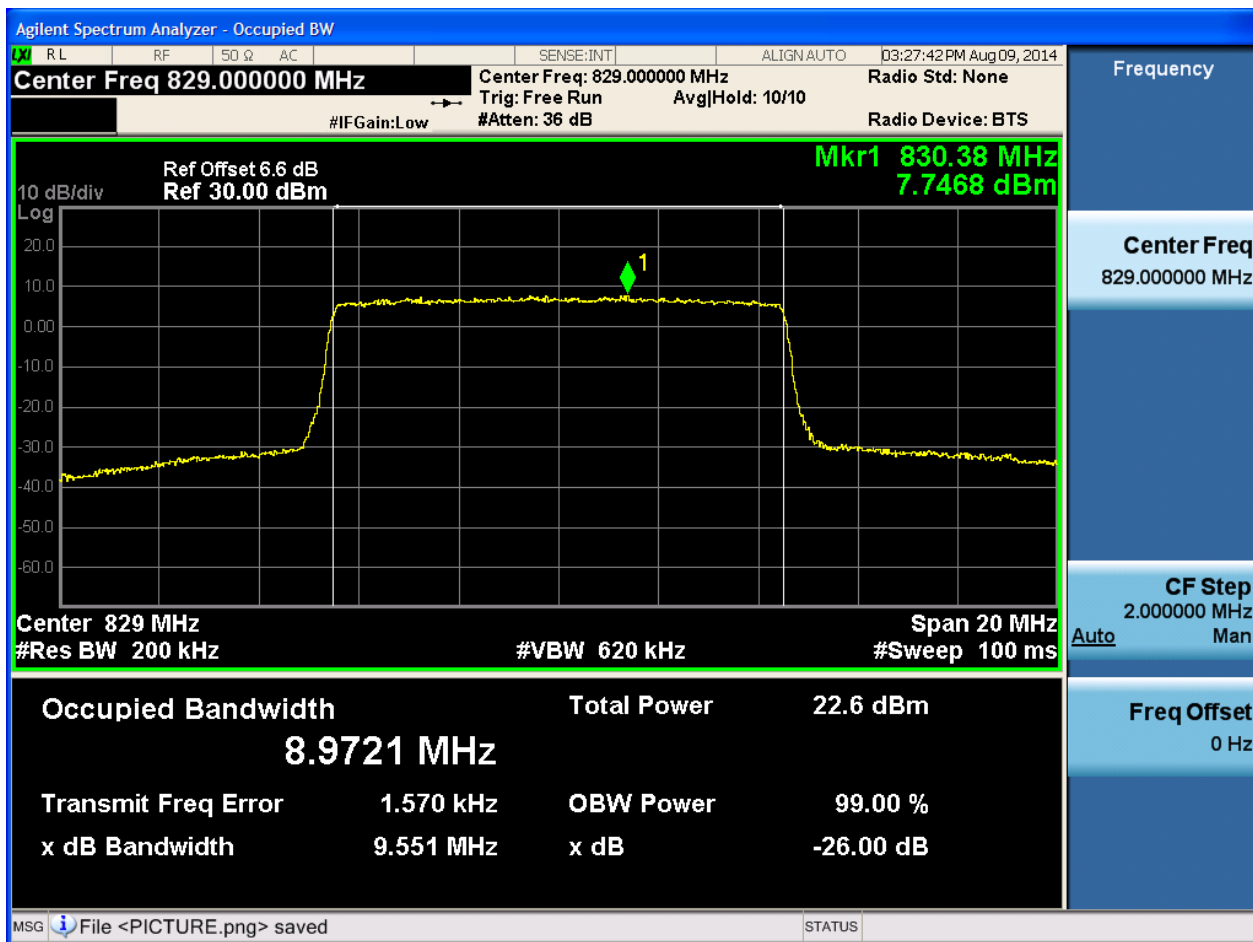




4.1.1.1.4 Test Bandwidth = 10

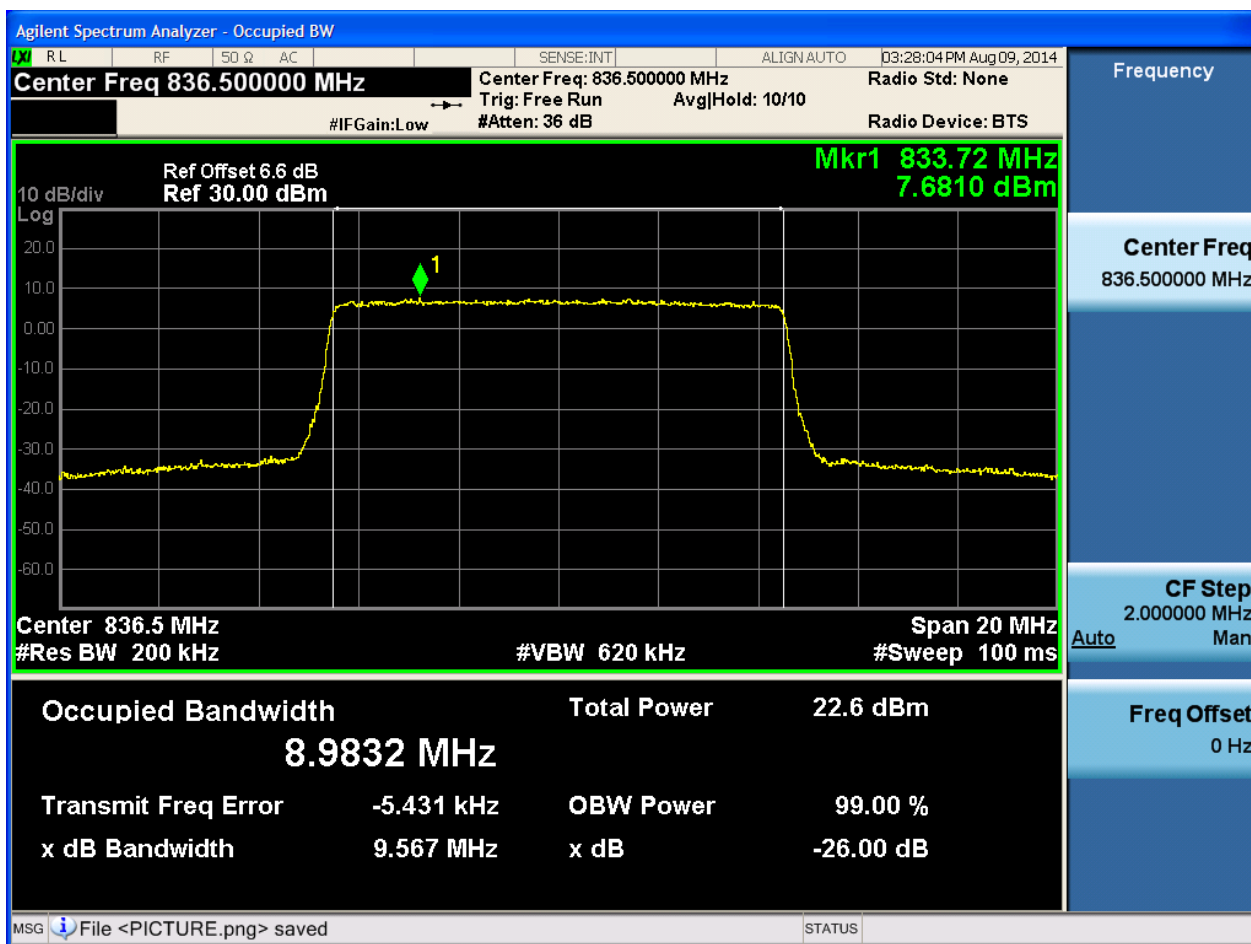
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



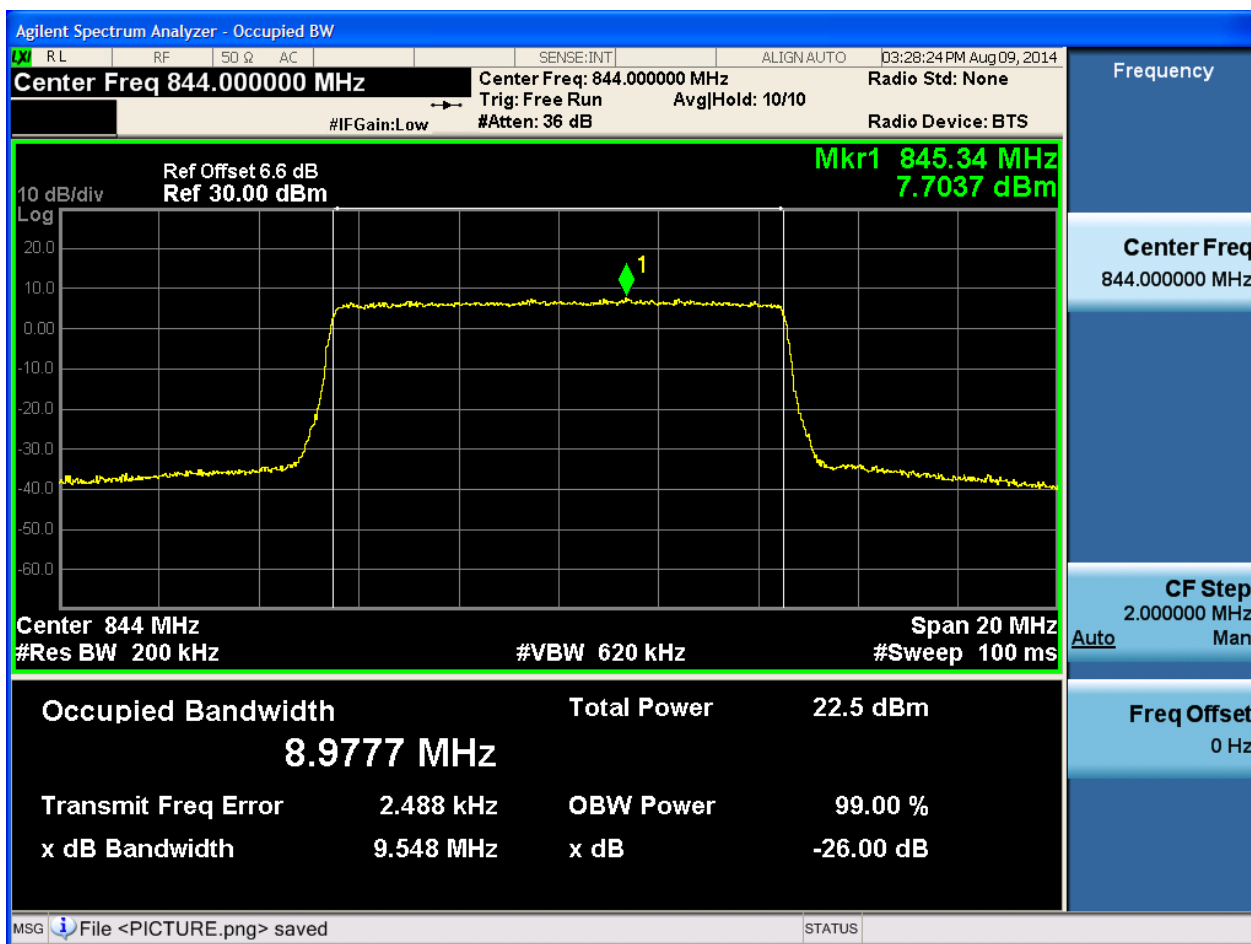
4.1.1.1.4.2 Test Channel = MCH

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



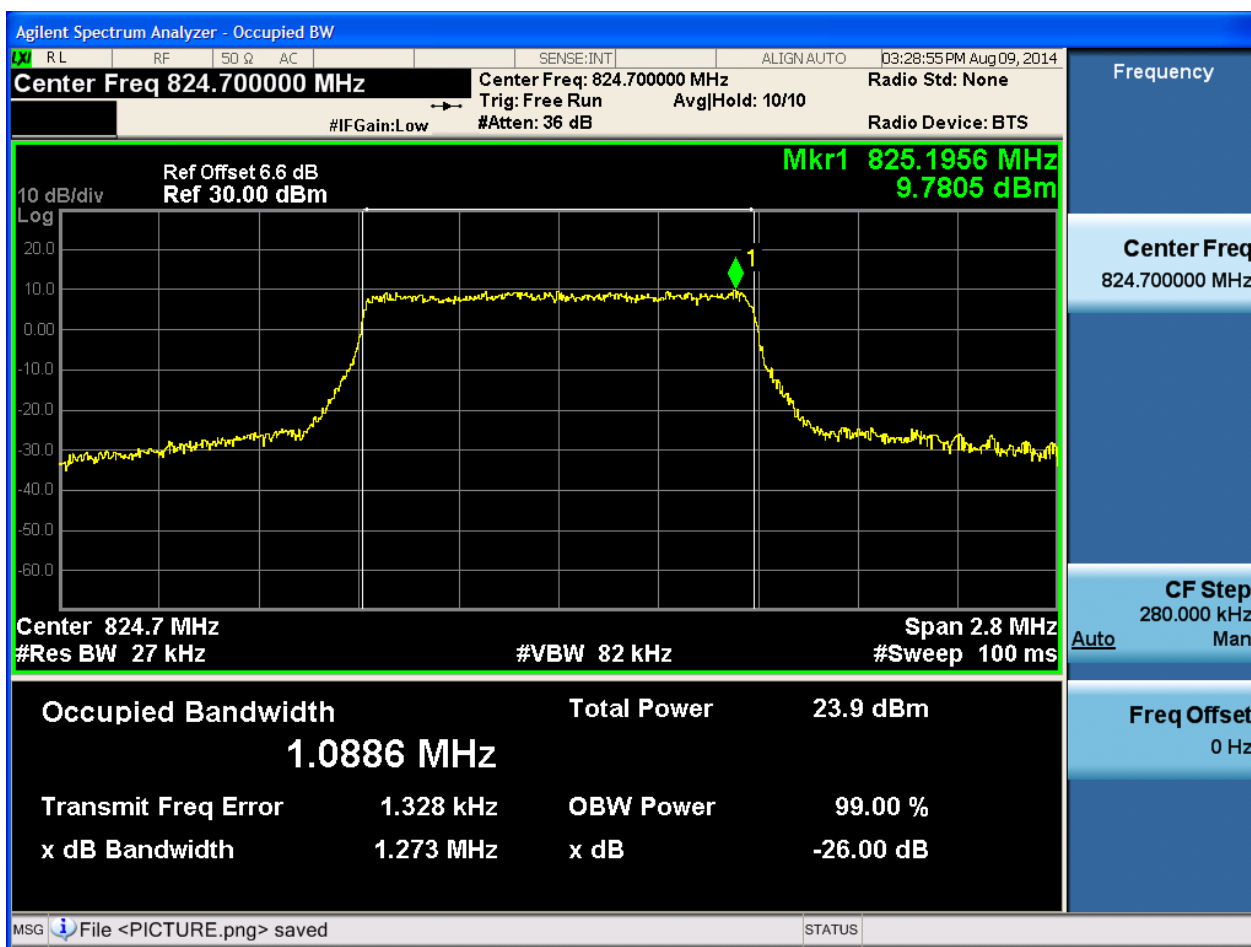


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

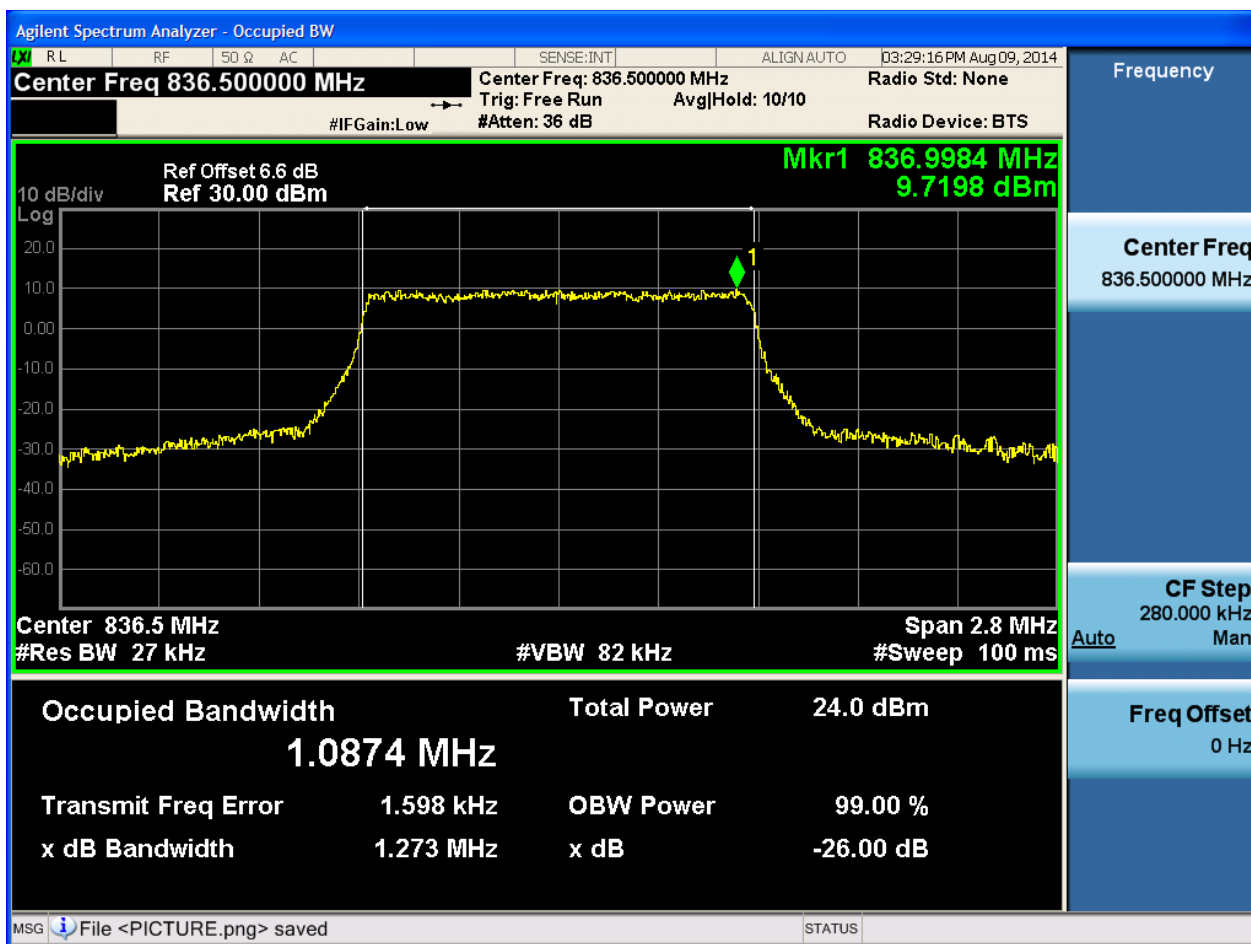
4.1.1.2.1.1.1 Test RB = RB6#0





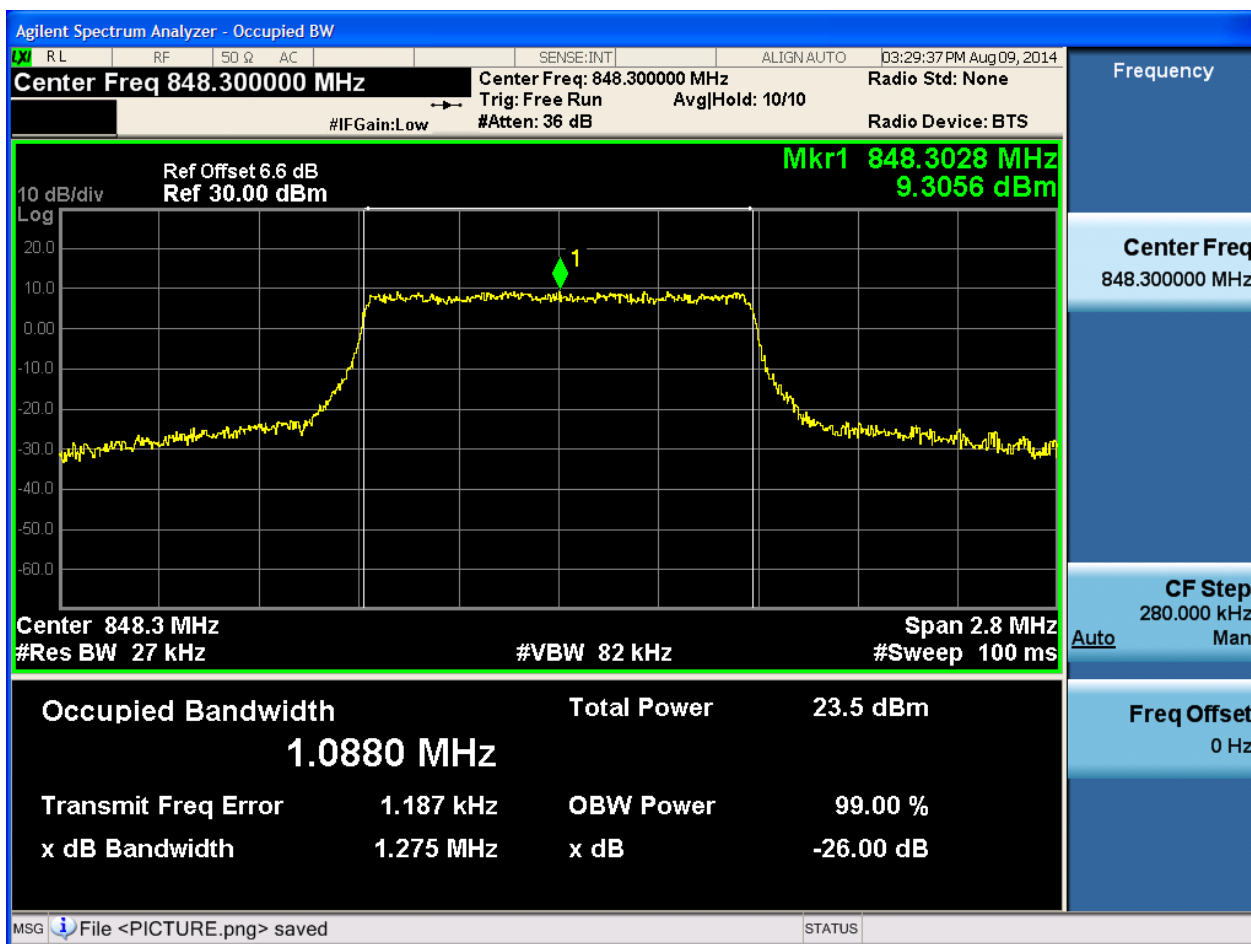
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

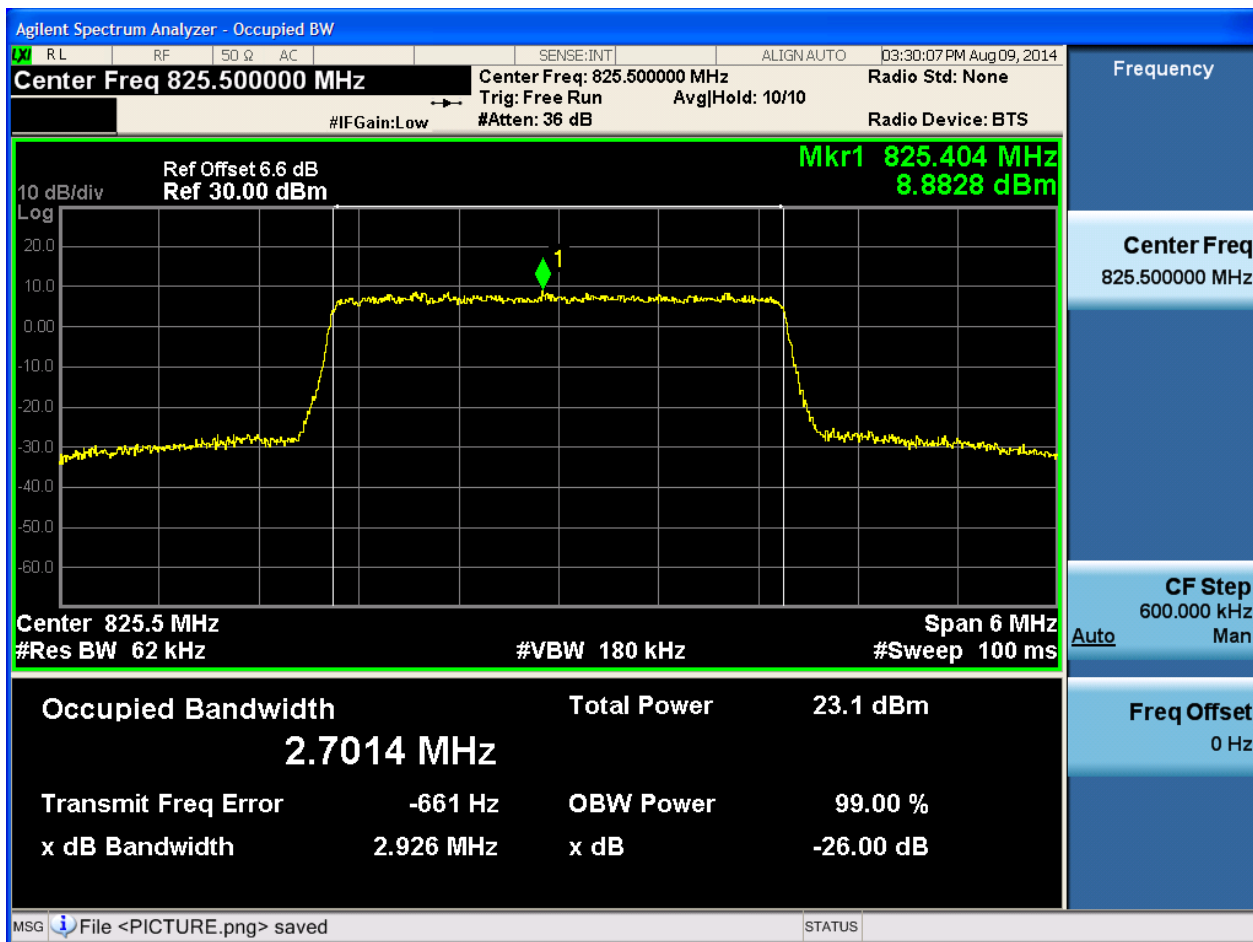
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

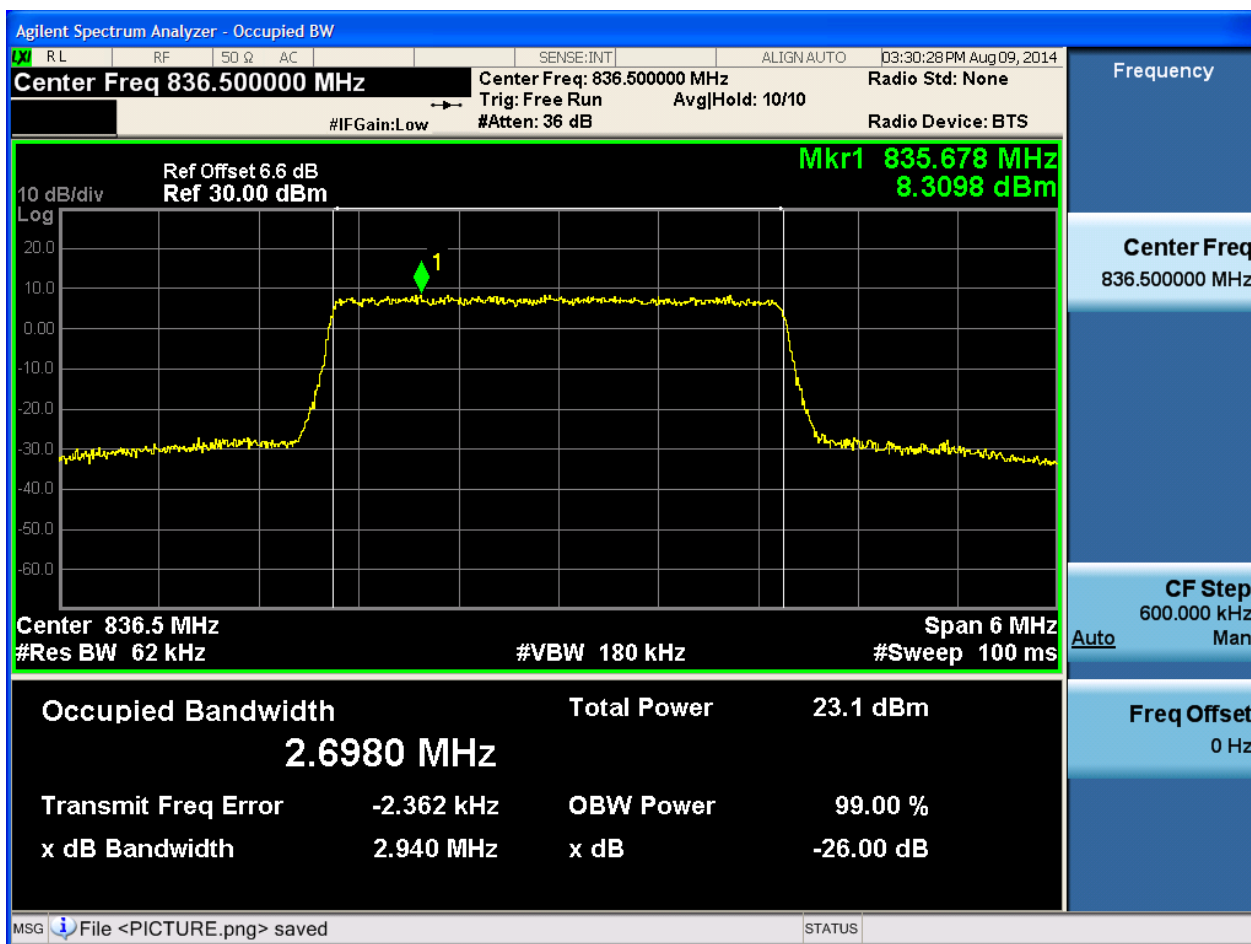
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2.2 Test Channel = MCH

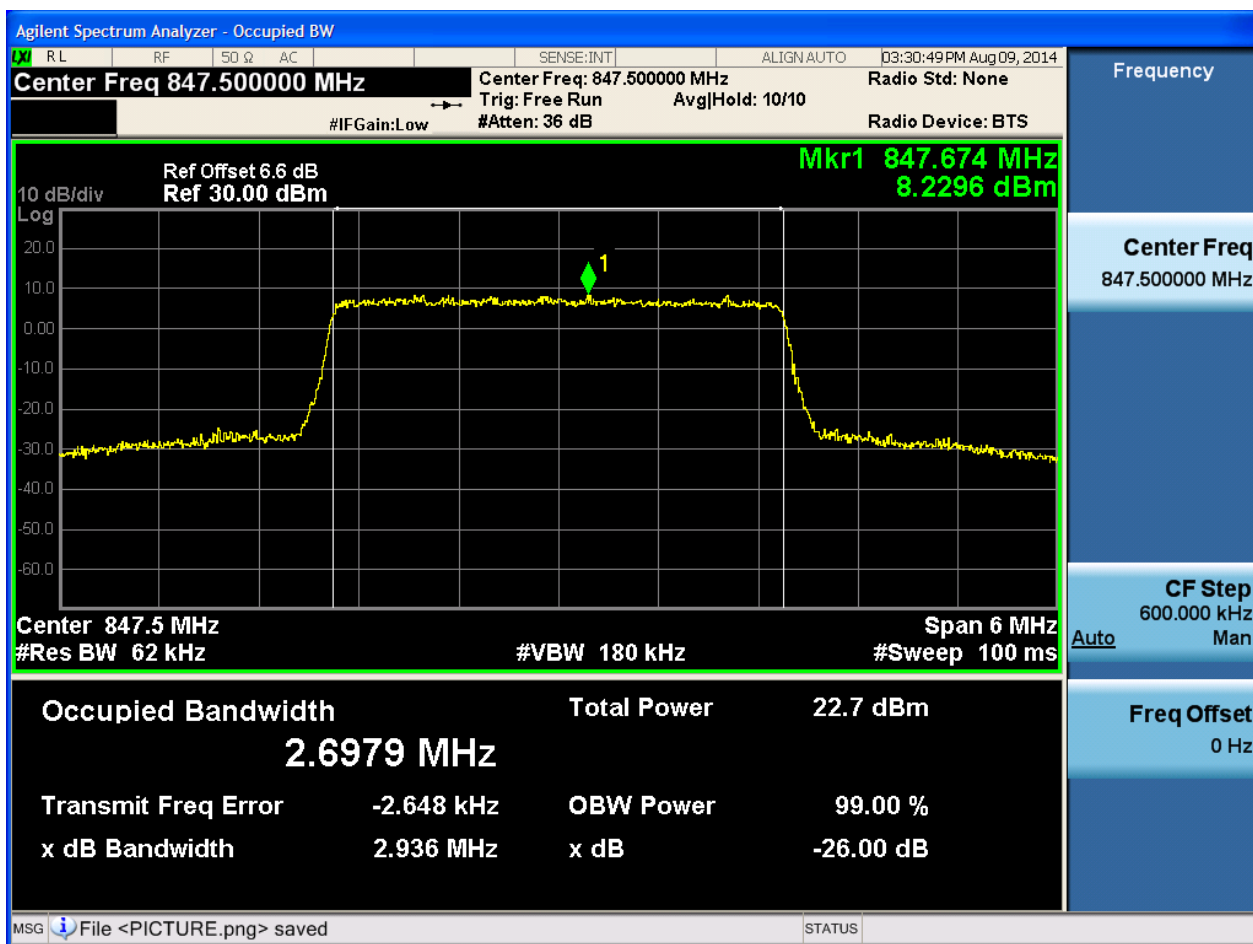
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

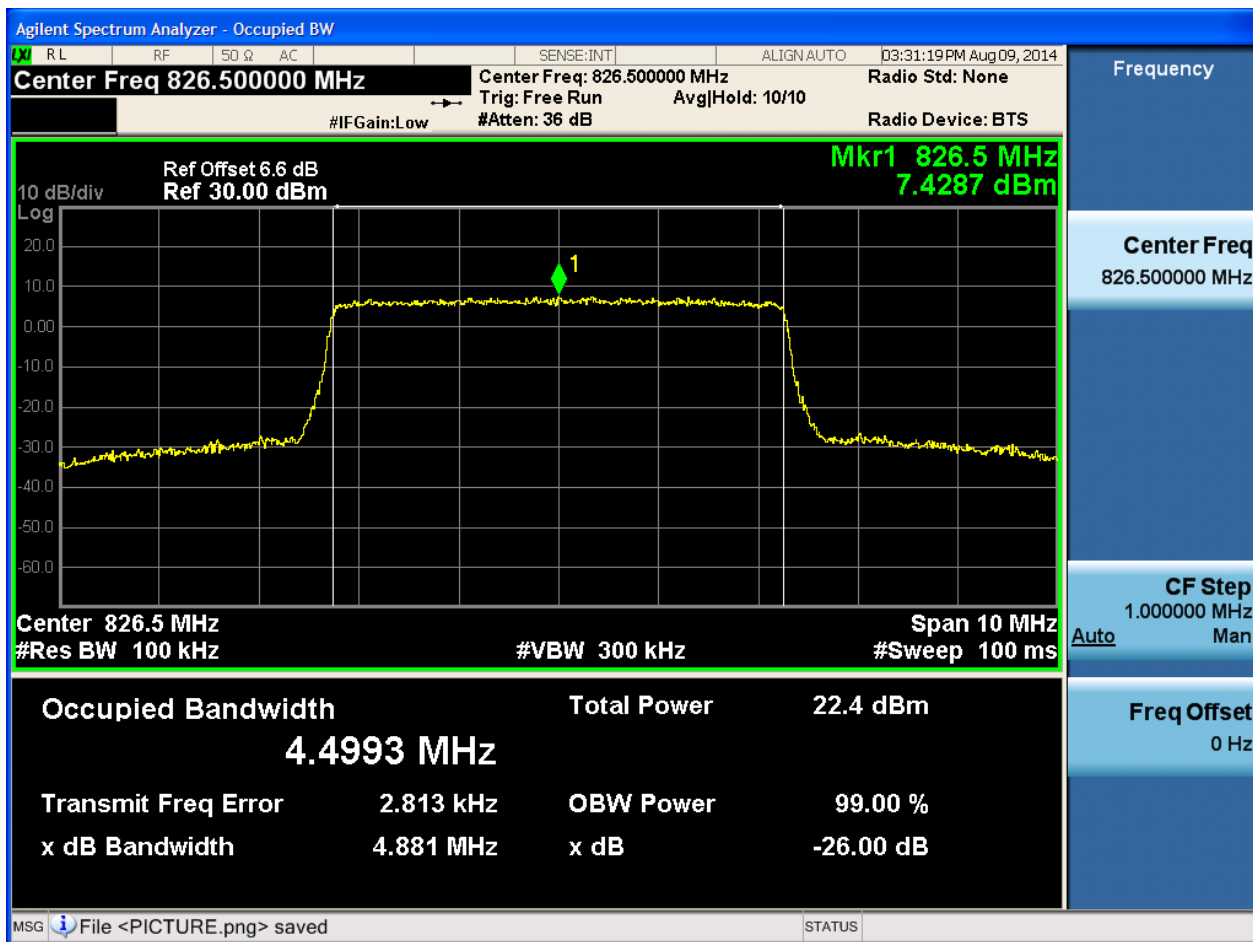




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

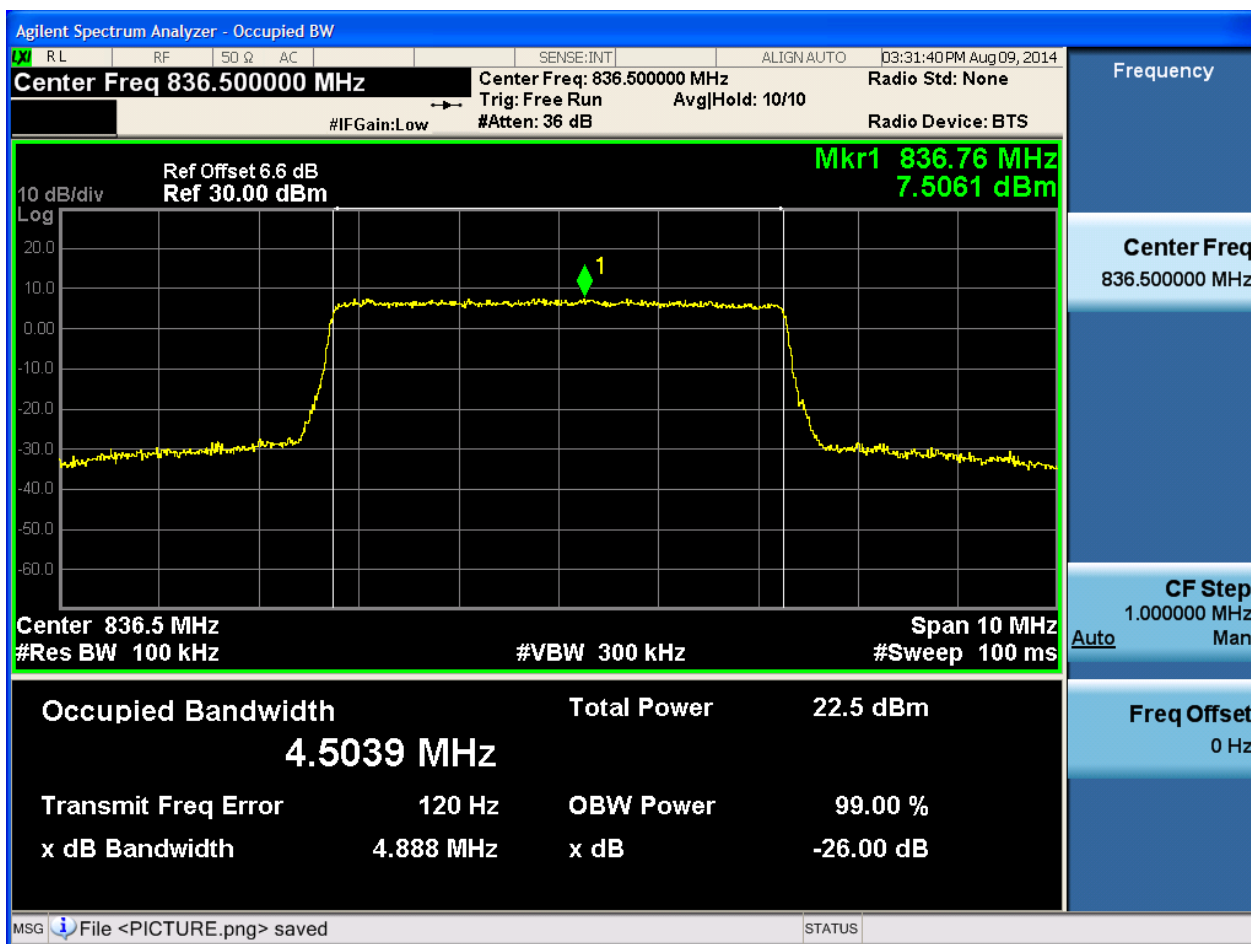
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

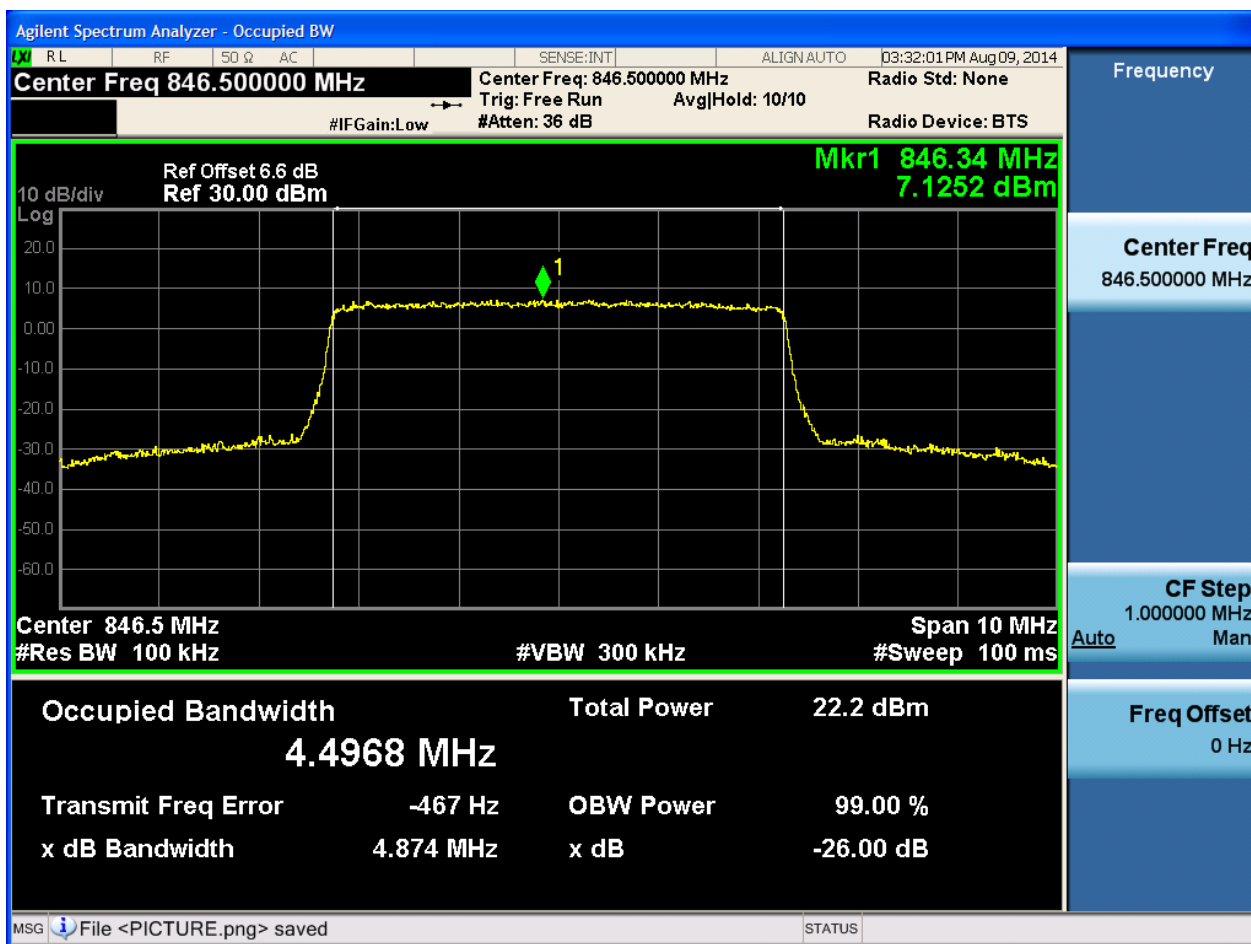
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

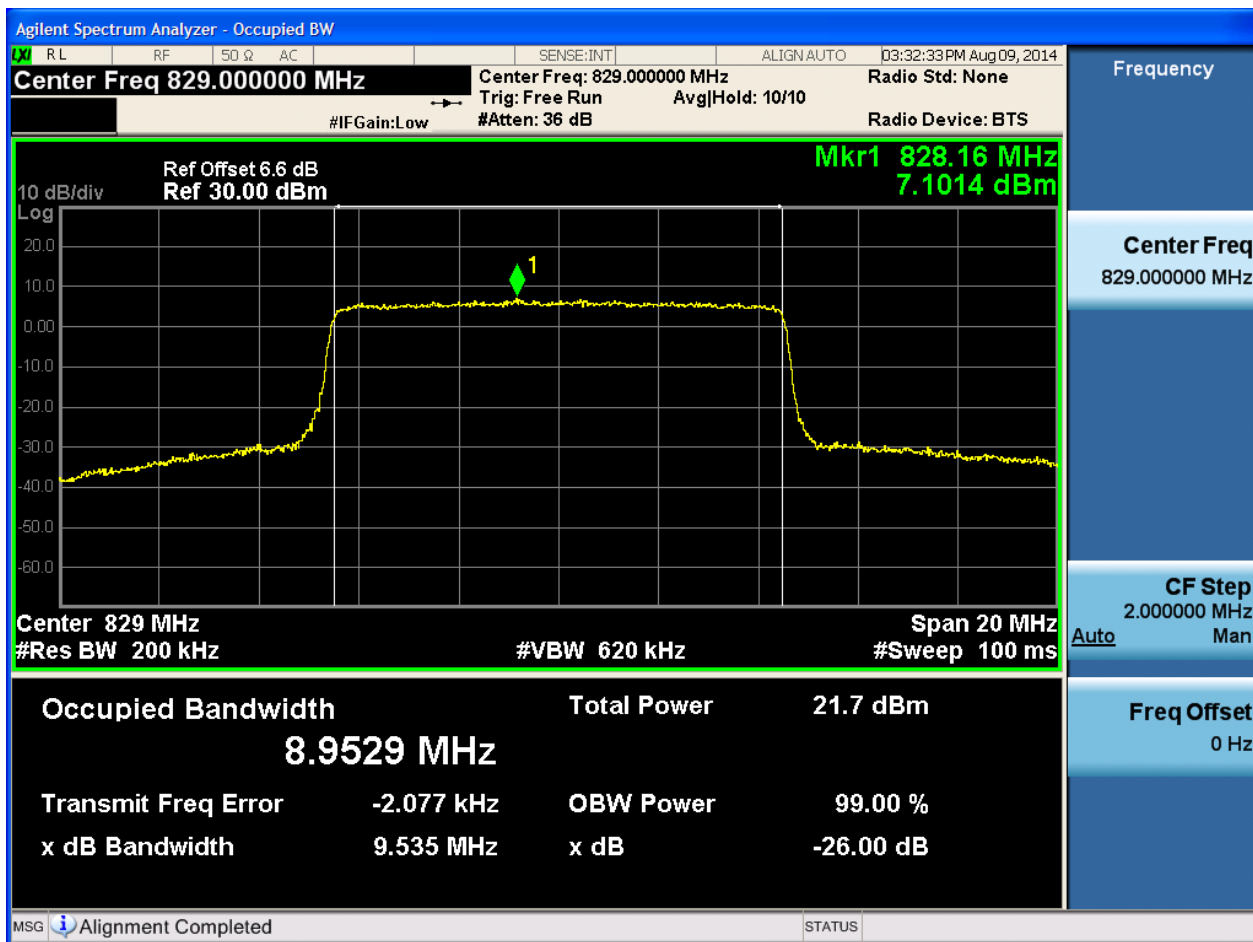




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

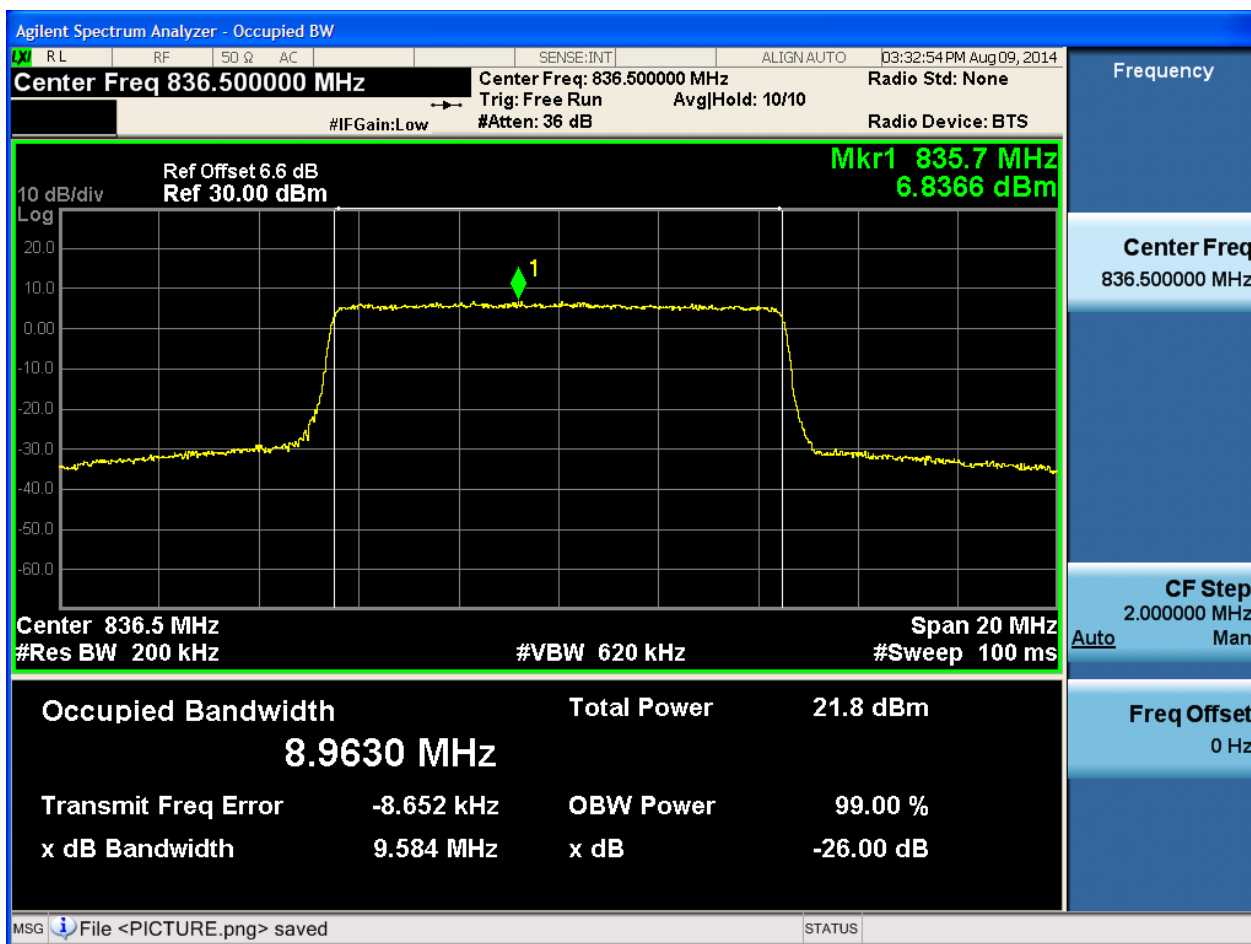
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

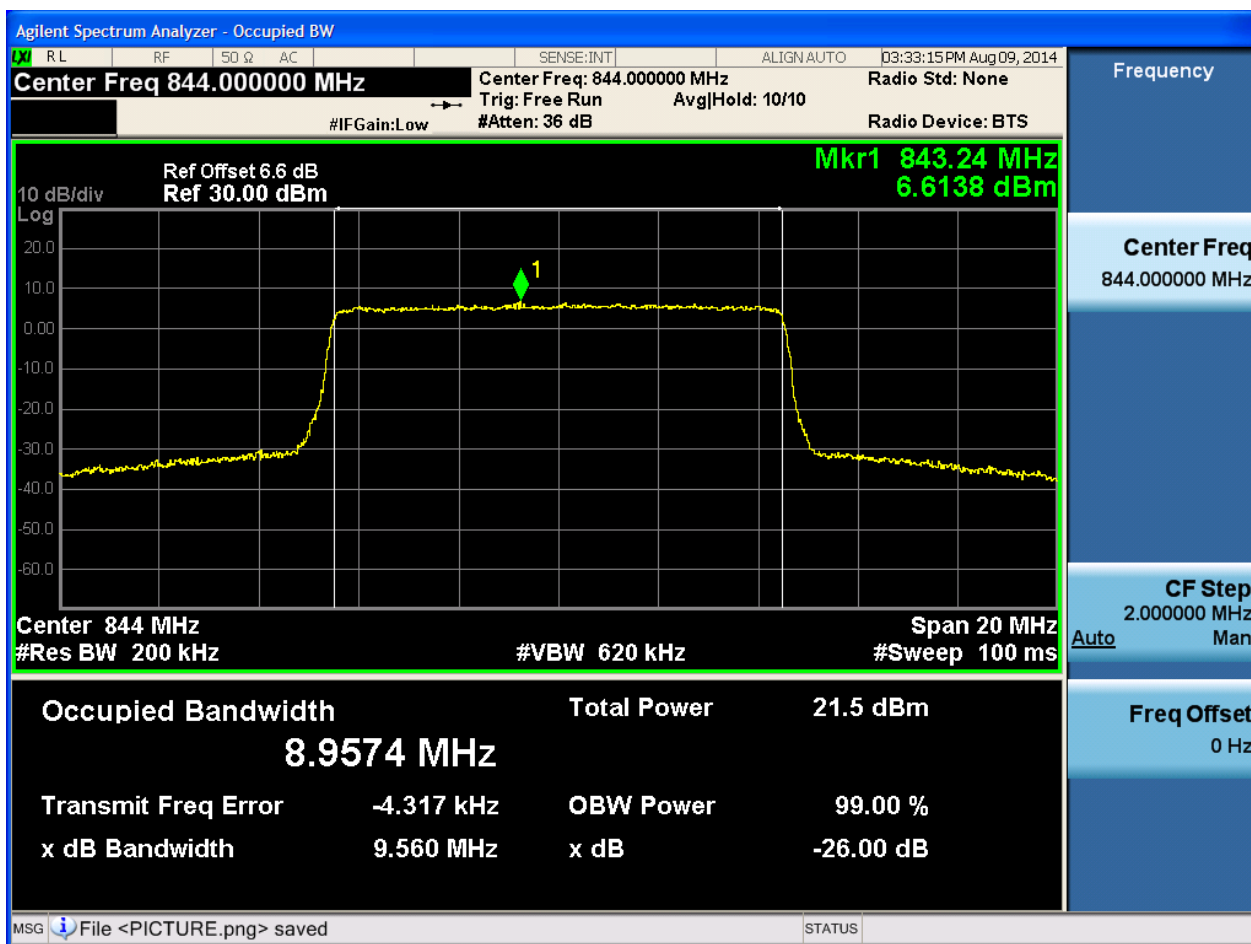
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

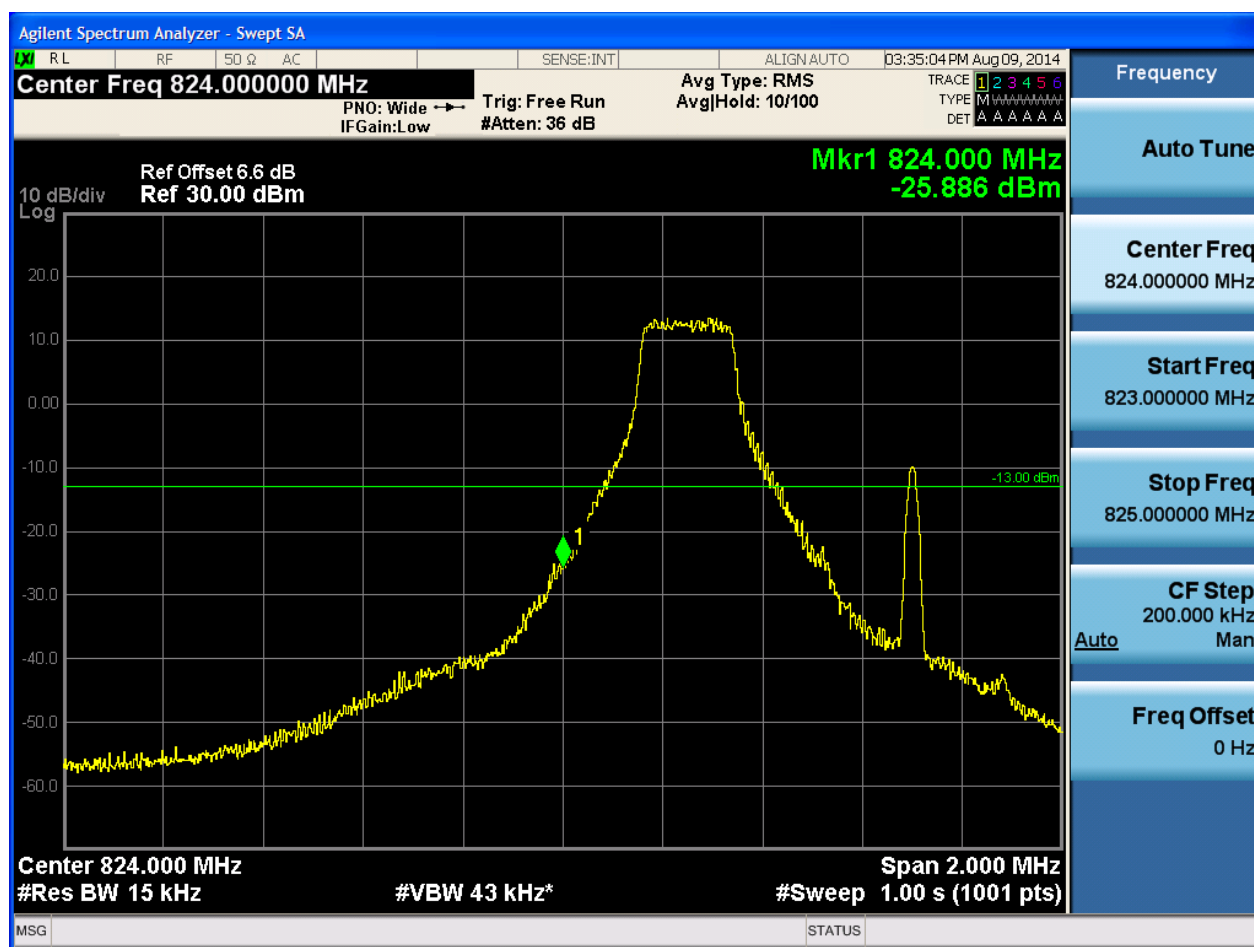
5.1.1 Test Band = BAND5

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

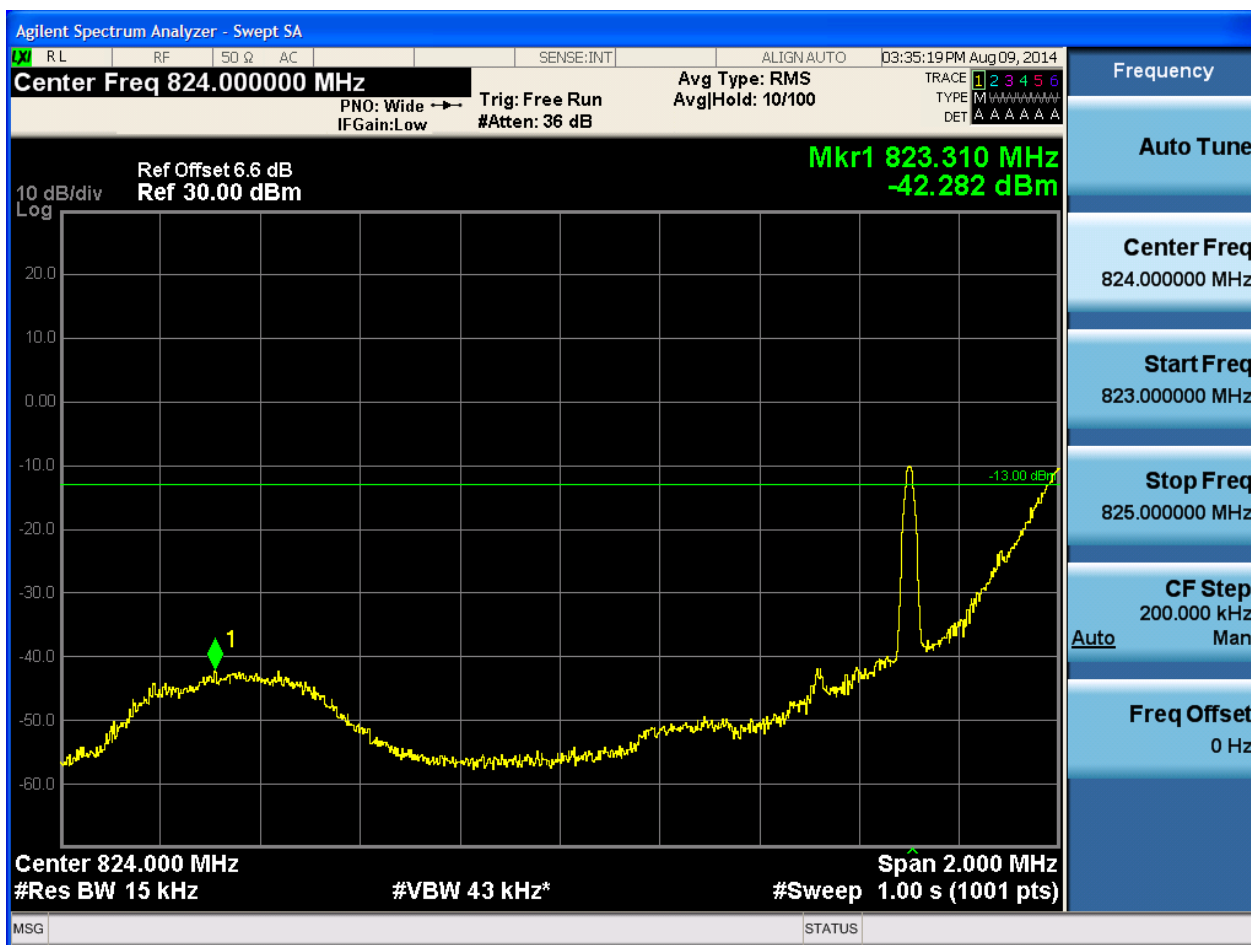
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



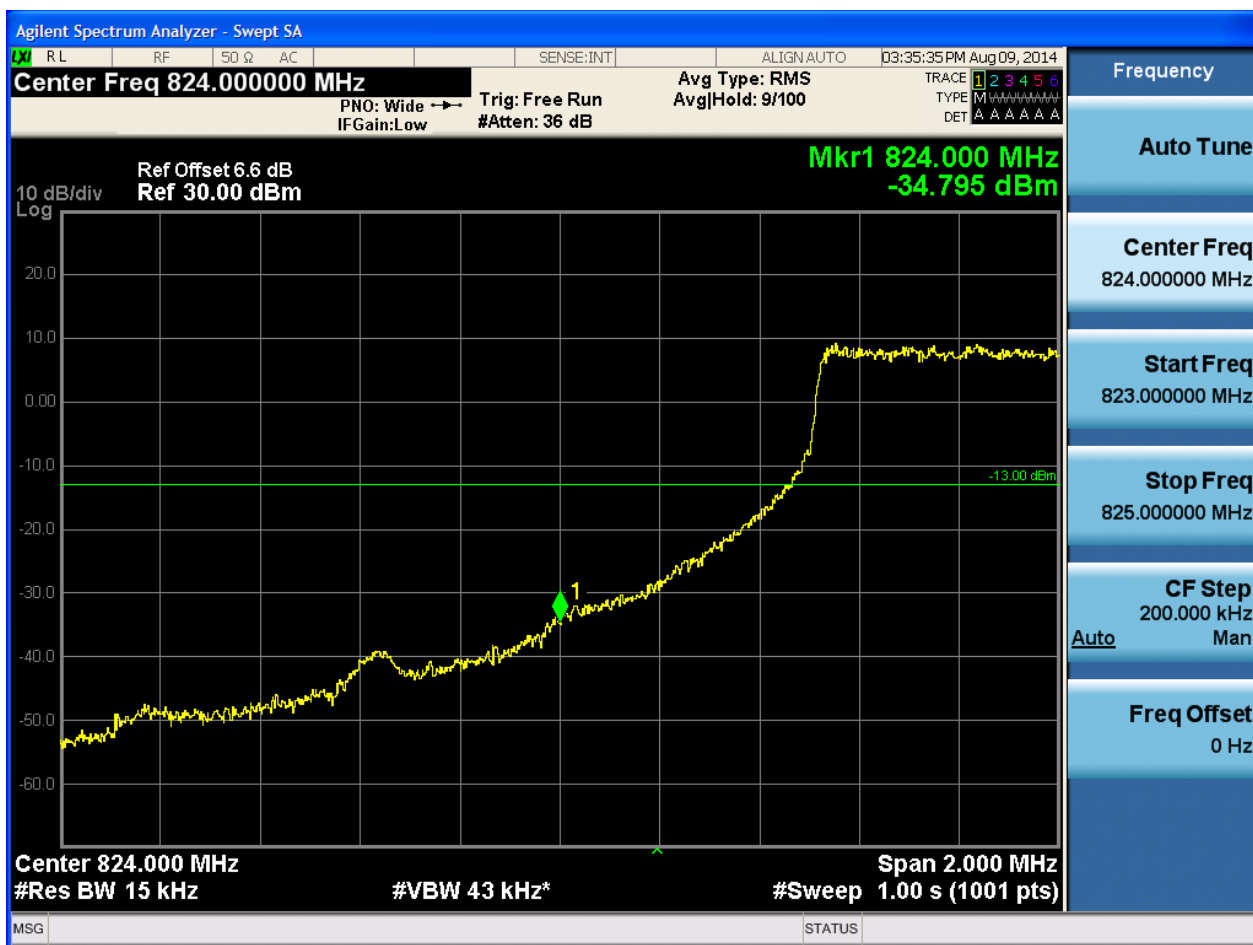


5.1.1.1.1.2 Test RB = RB1#5



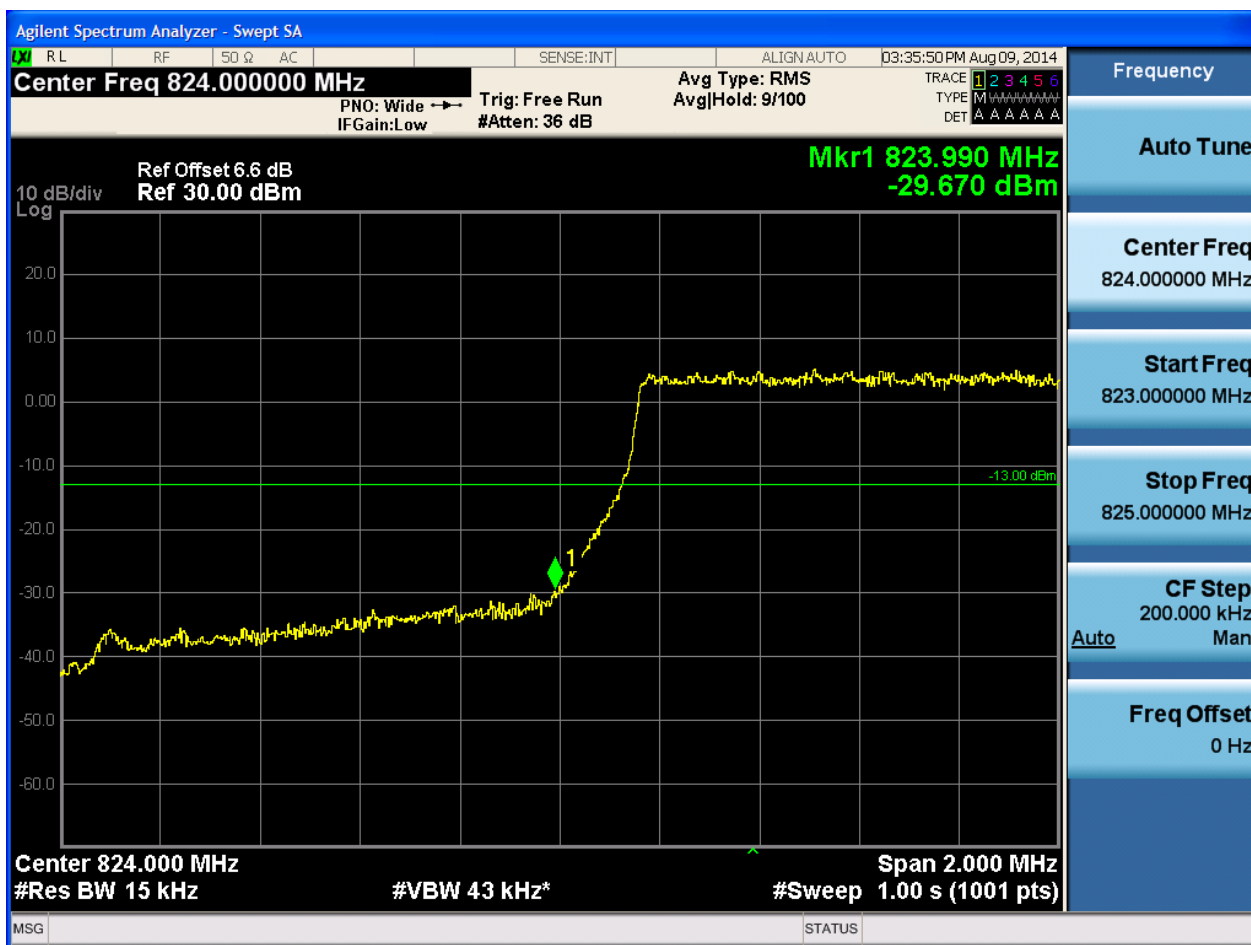


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0



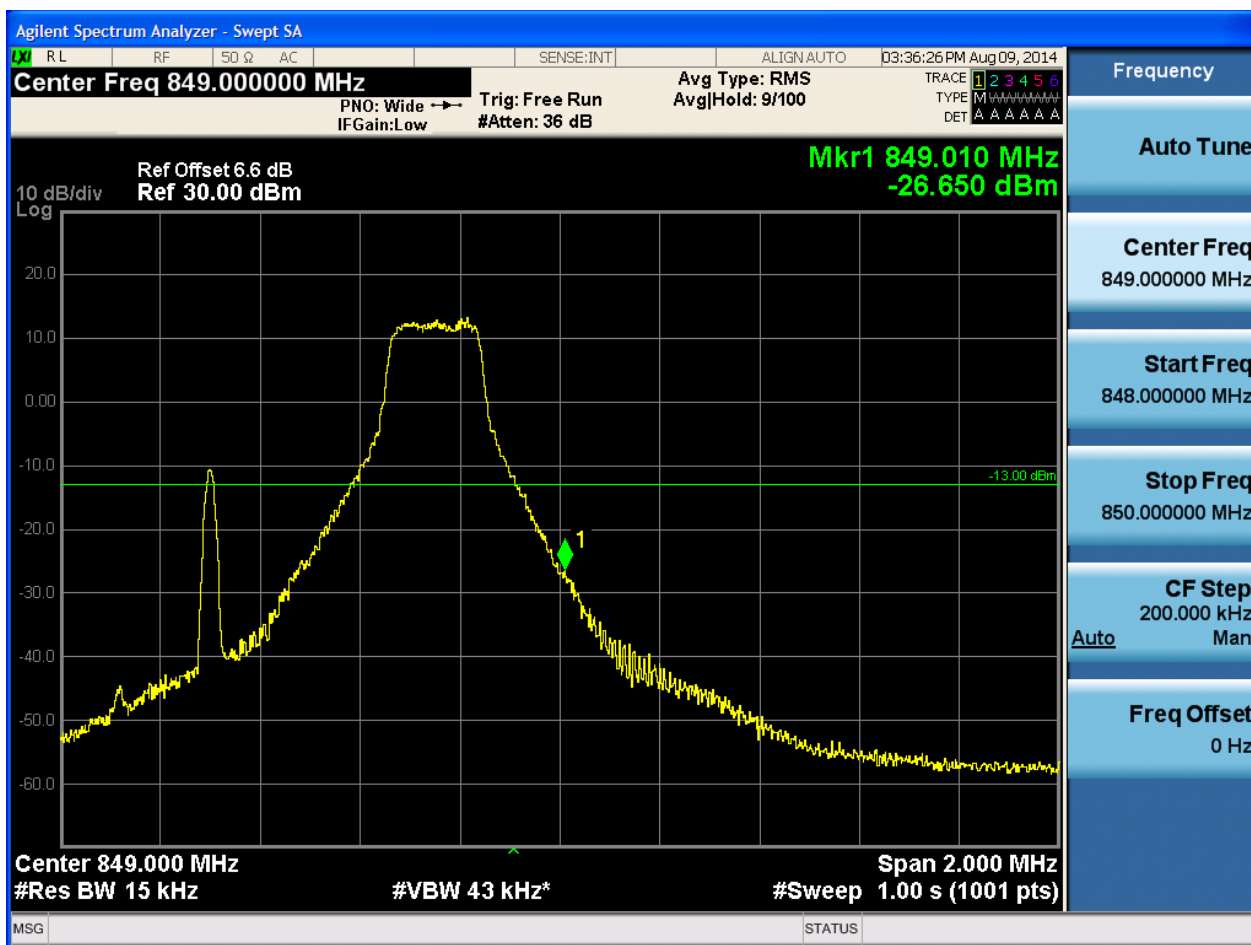
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





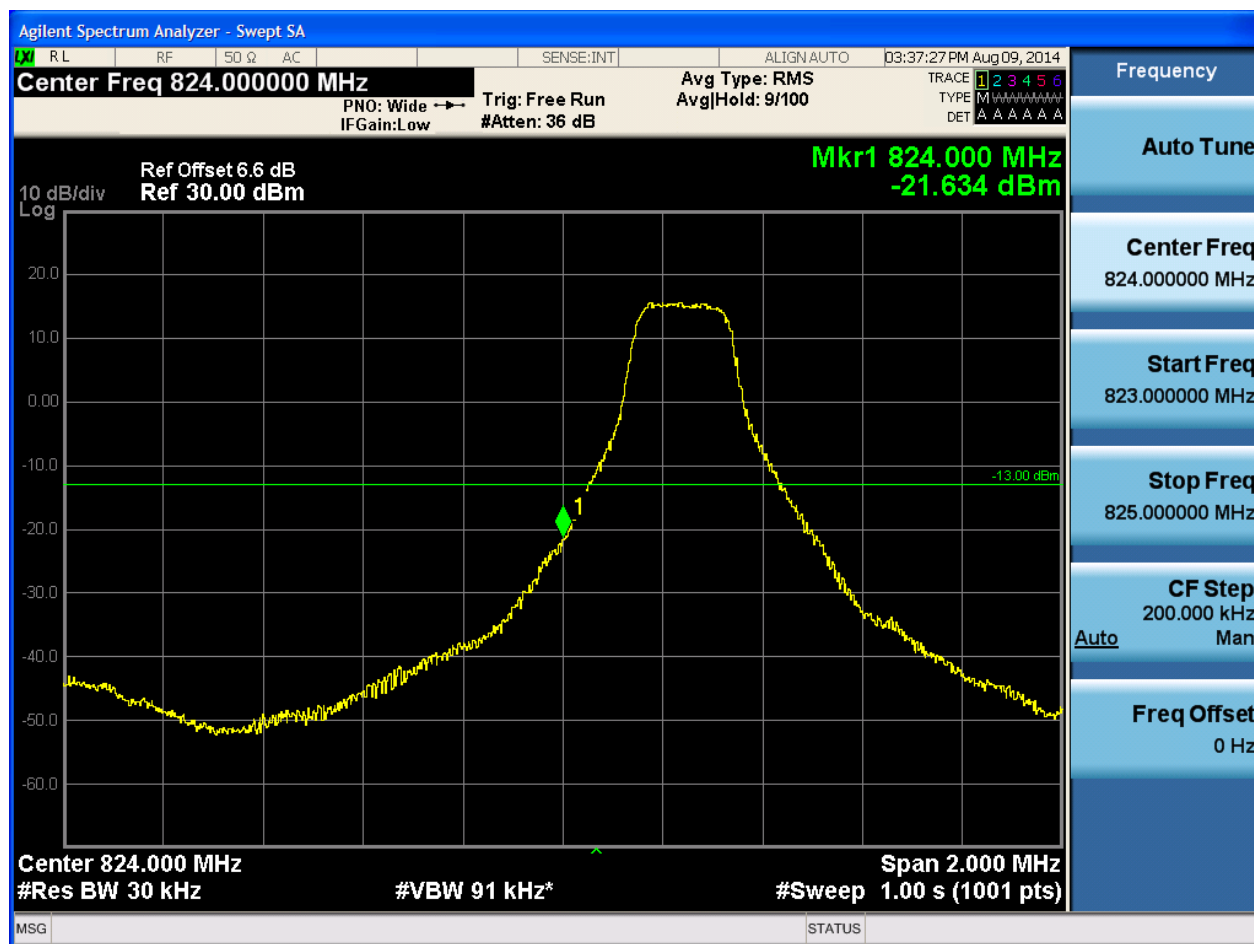
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

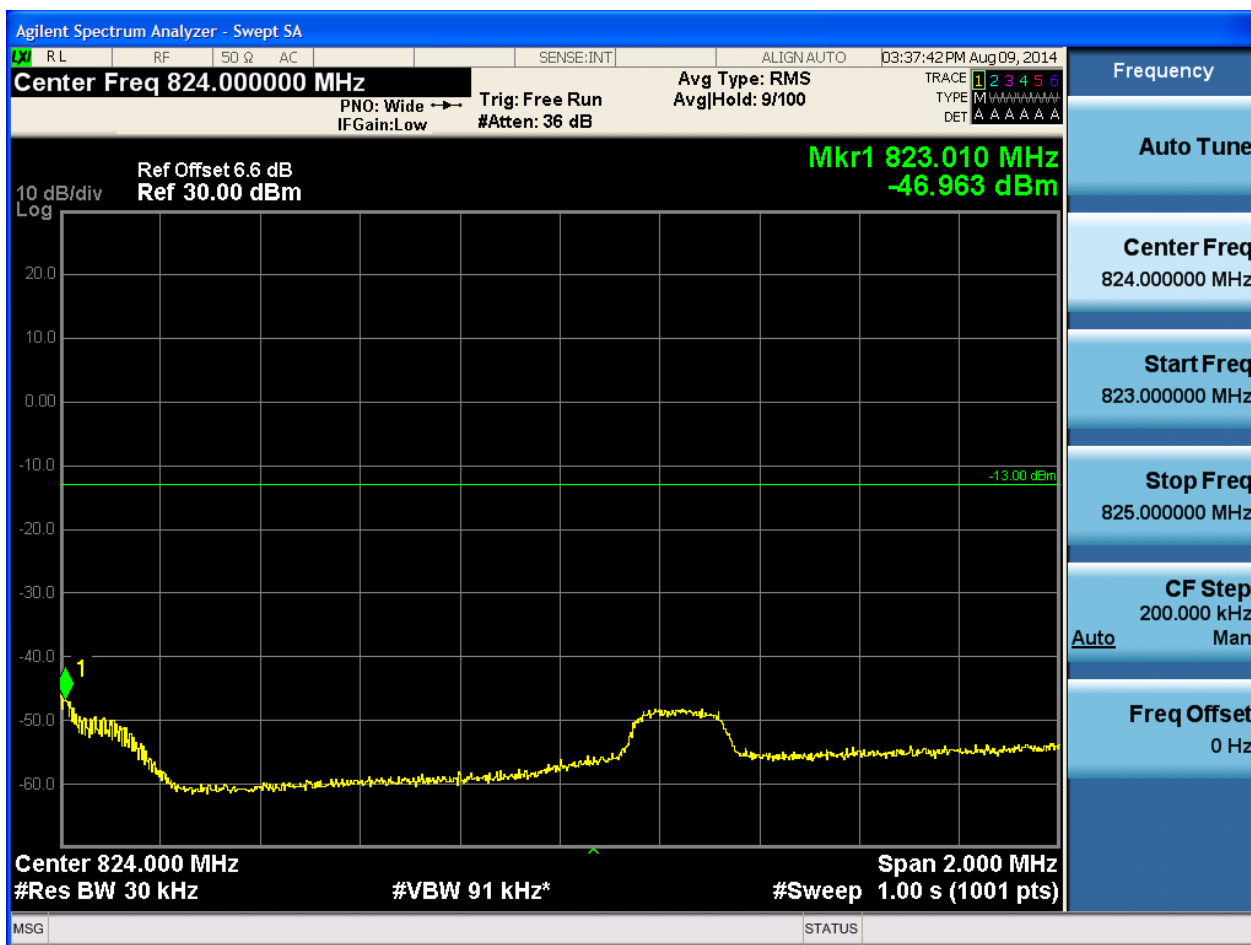
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



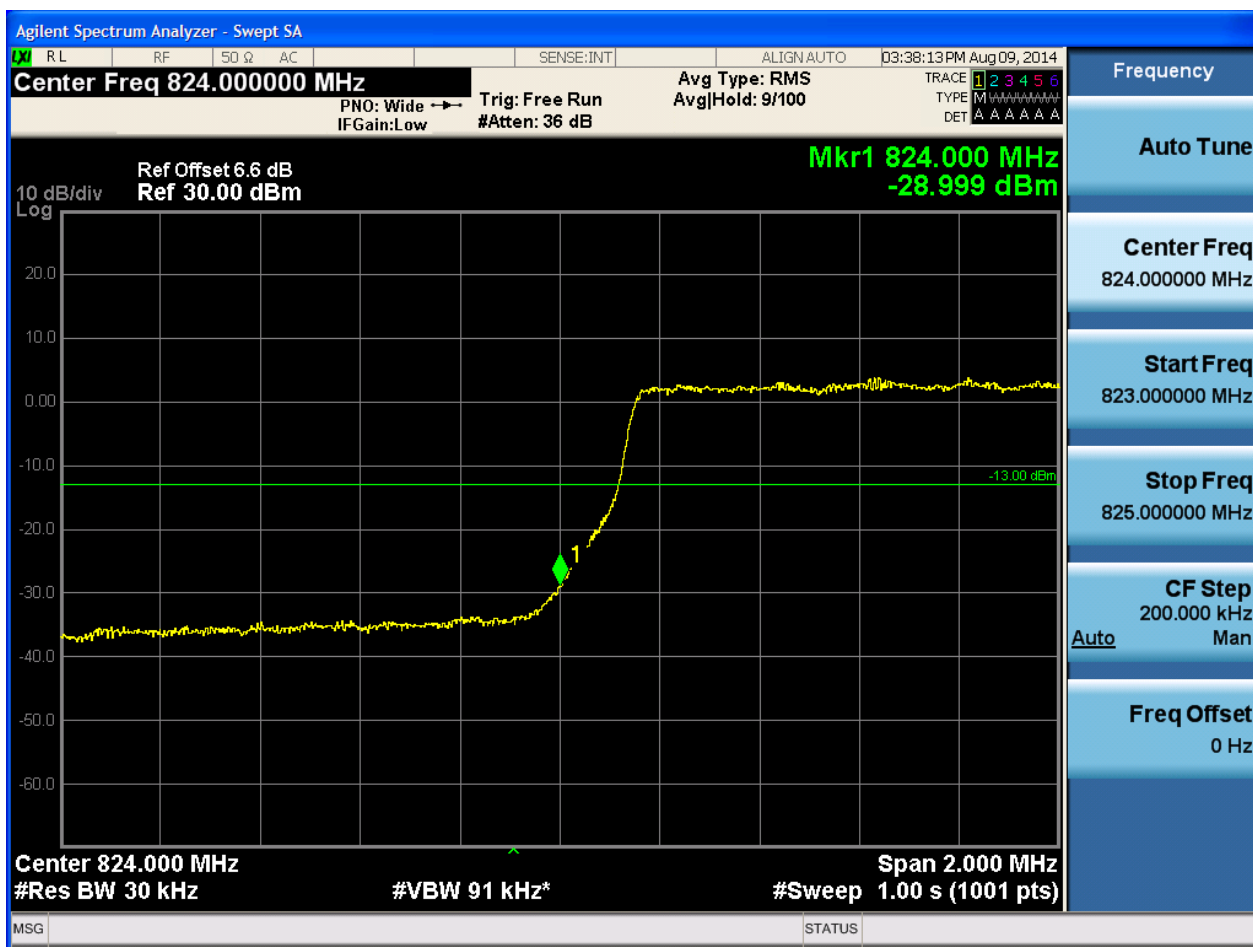


5.1.1.1.2.1.3 Test RB = RB8#4





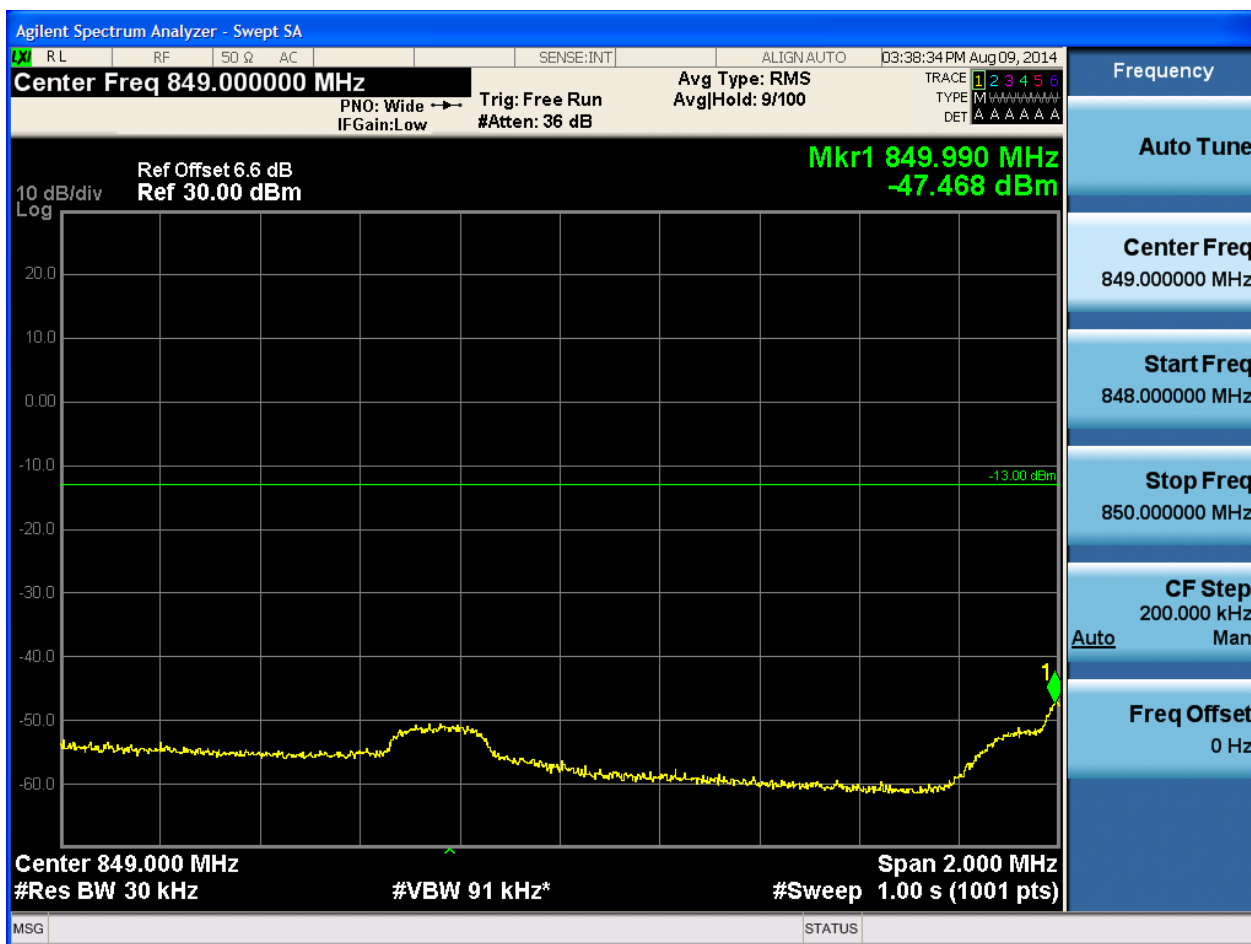
5.1.1.1.2.1.4 Test RB = RB15#0





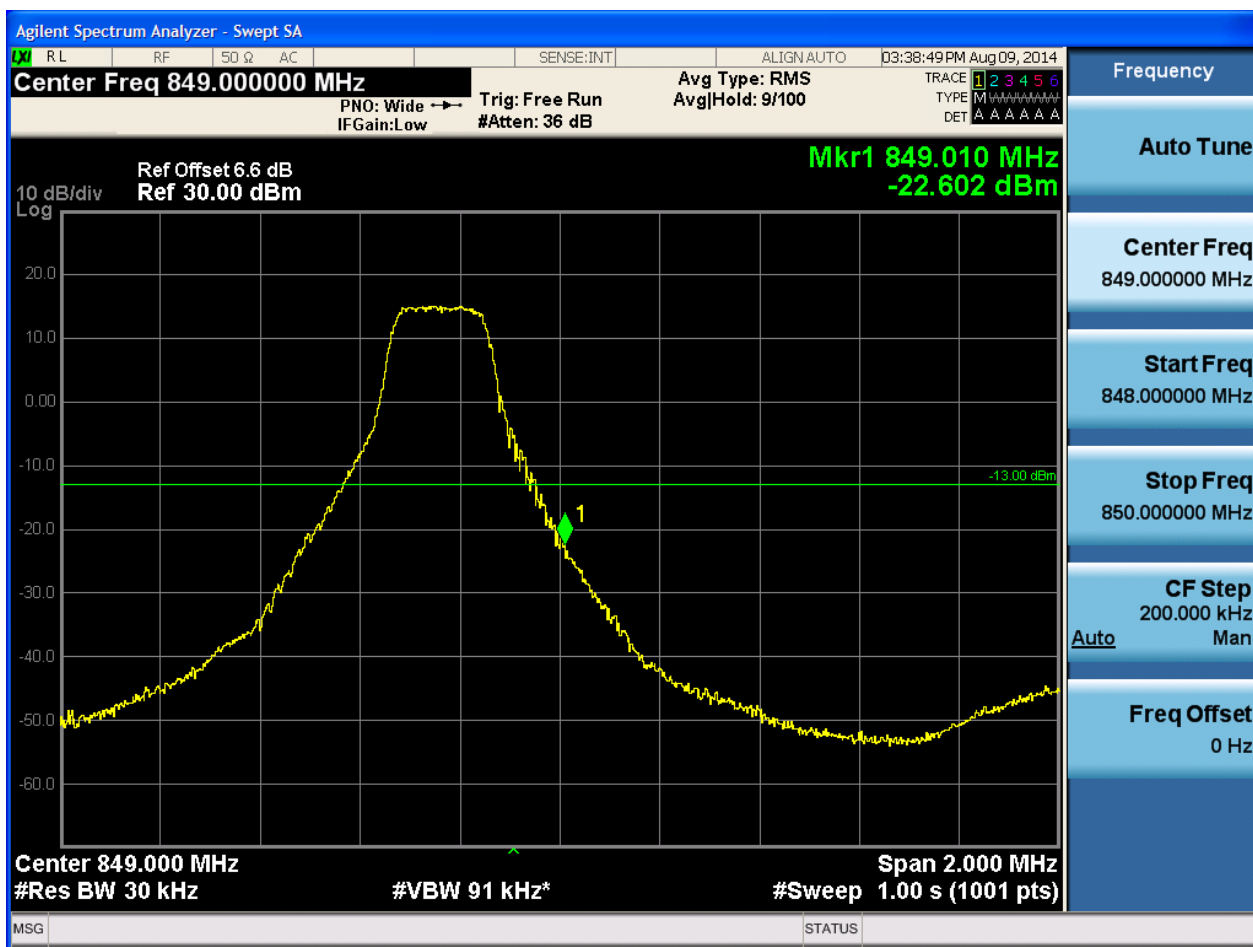
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





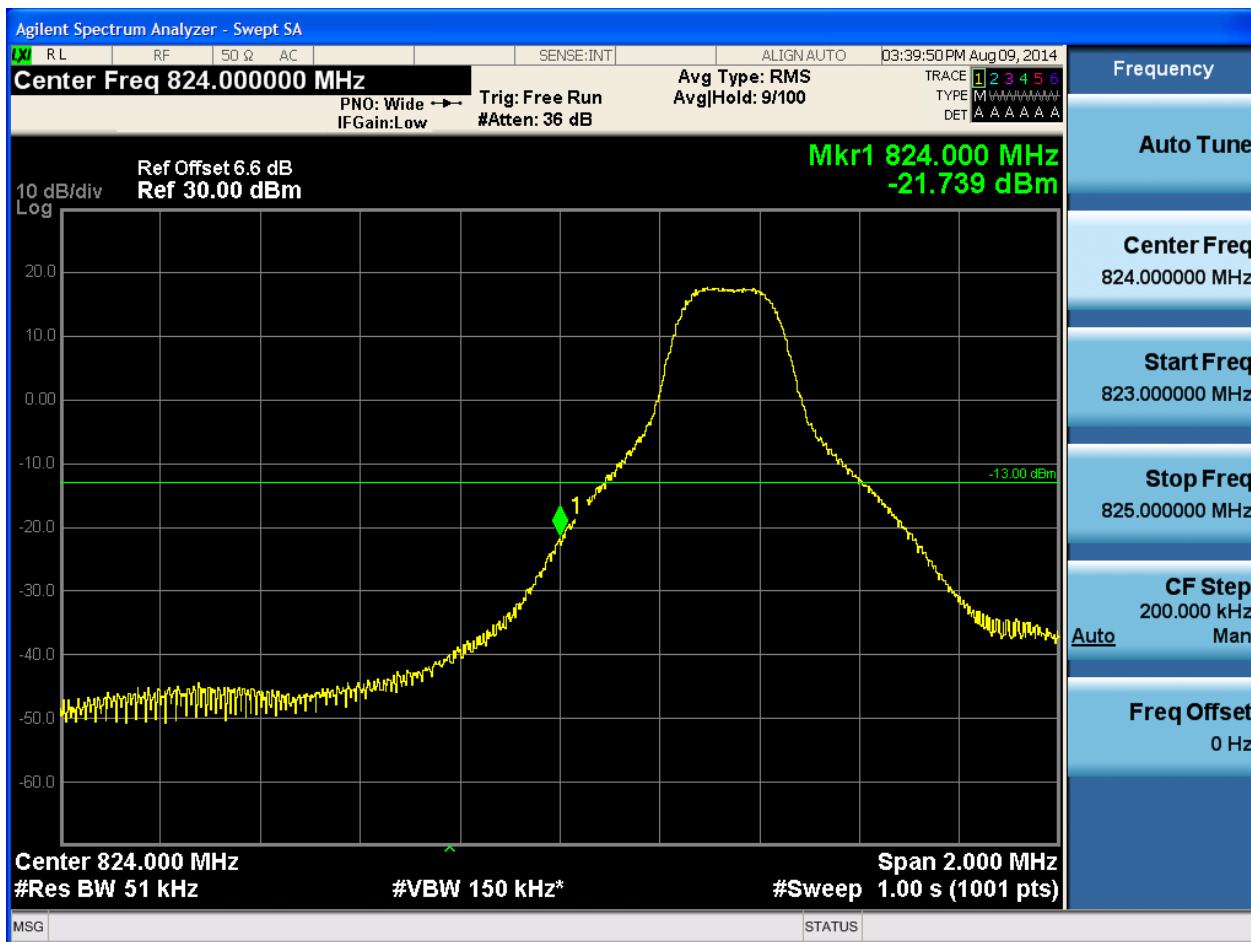
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

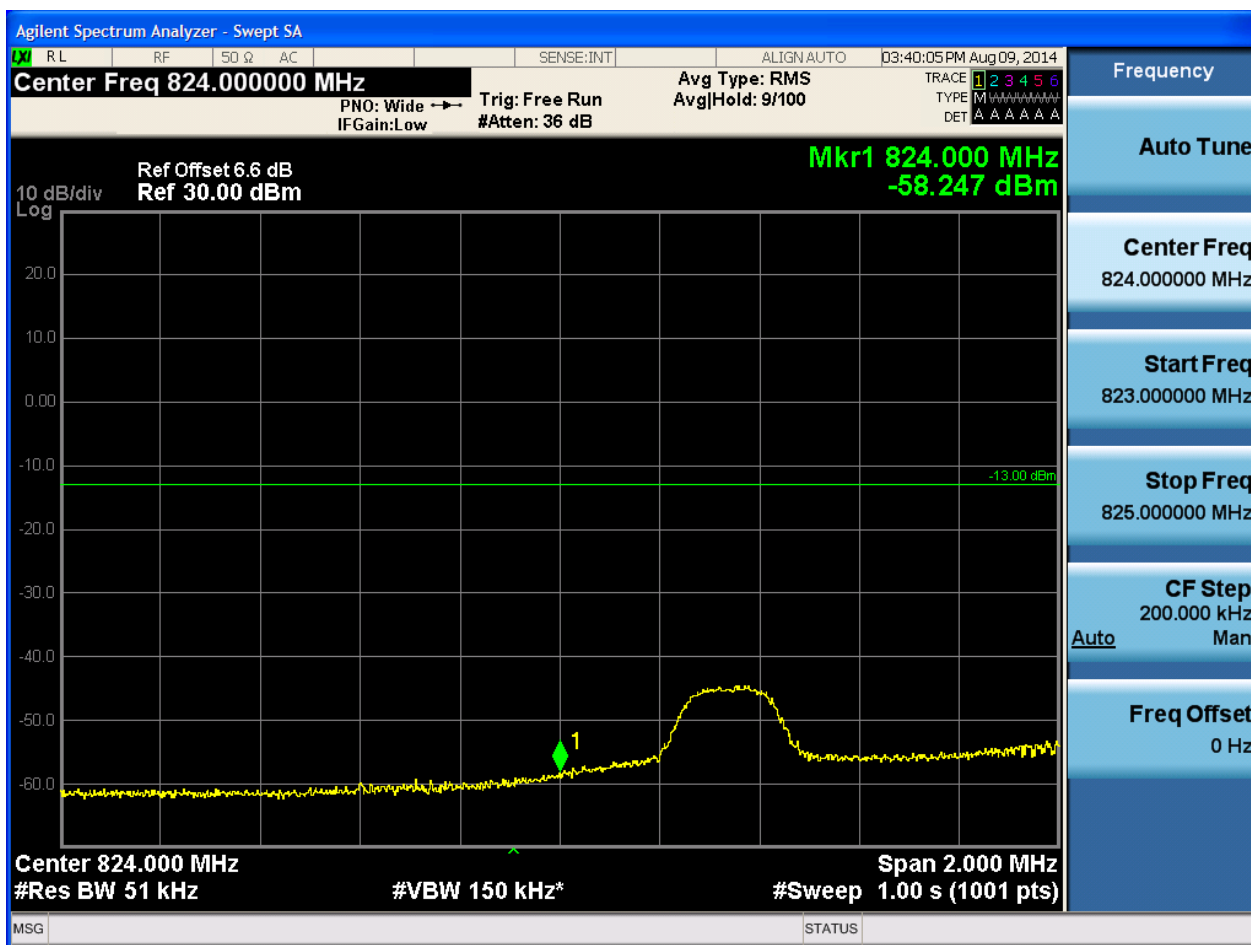
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



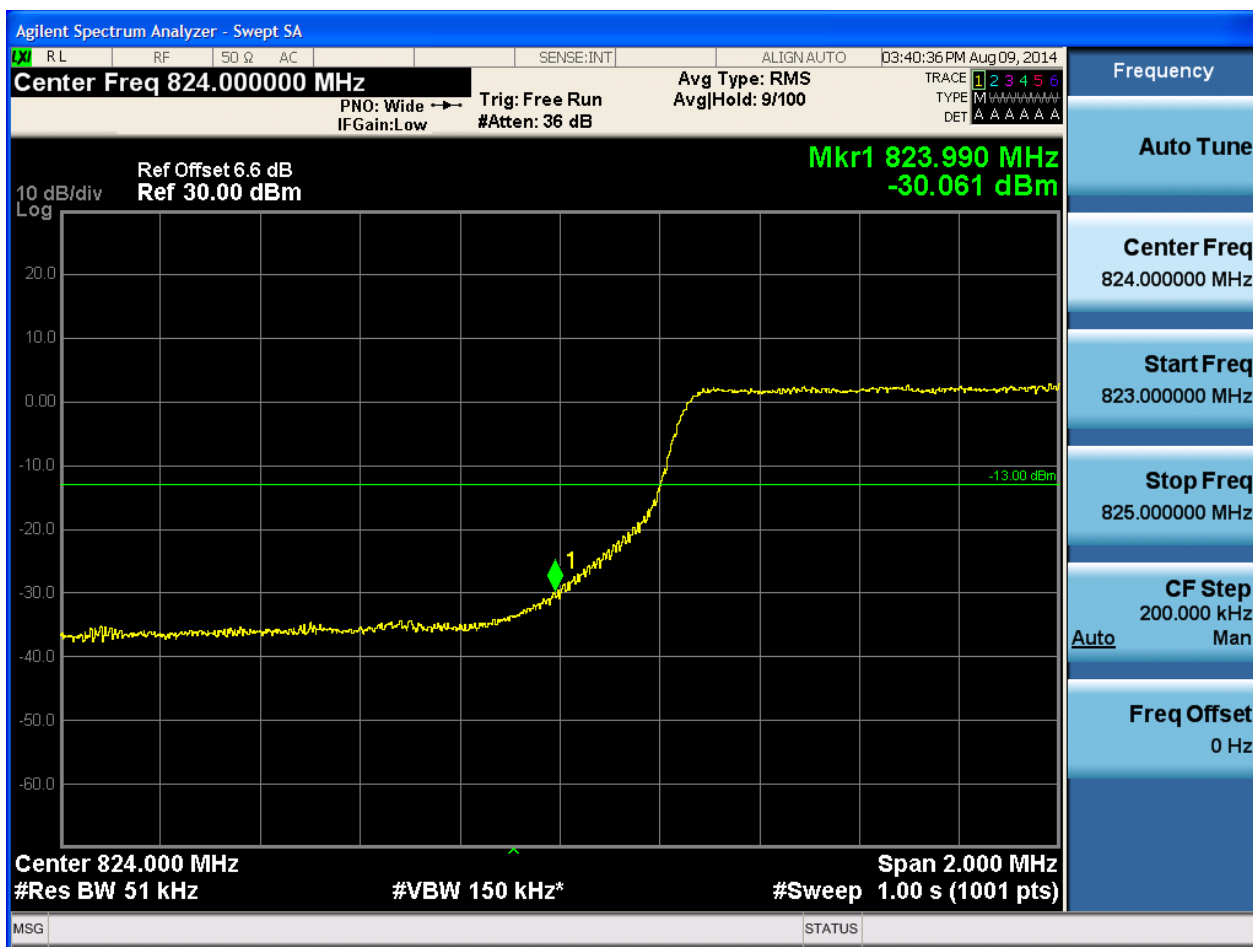


5.1.1.1.3.1.3 Test RB = RB12#6





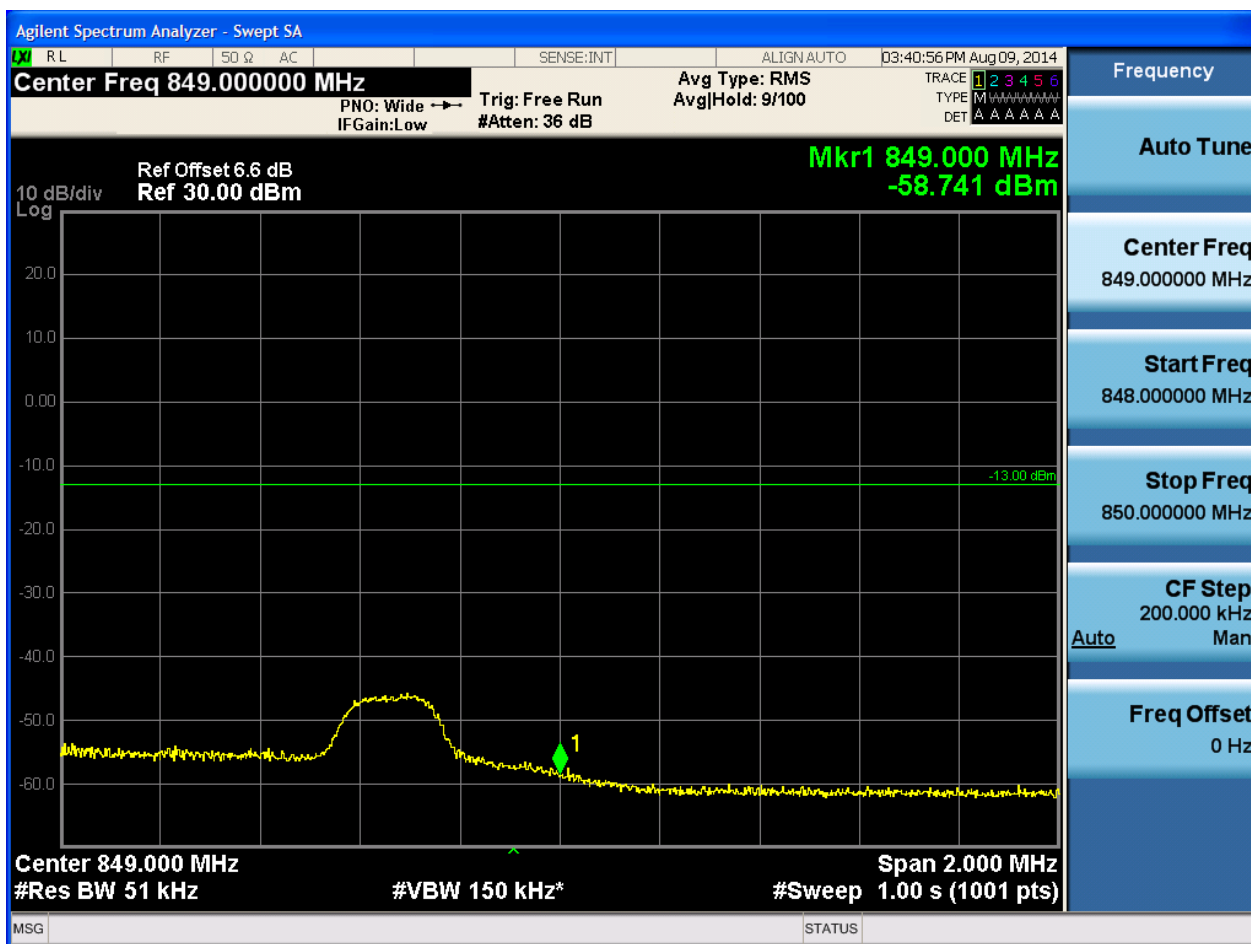
5.1.1.1.3.1.4 Test RB = RB25#0





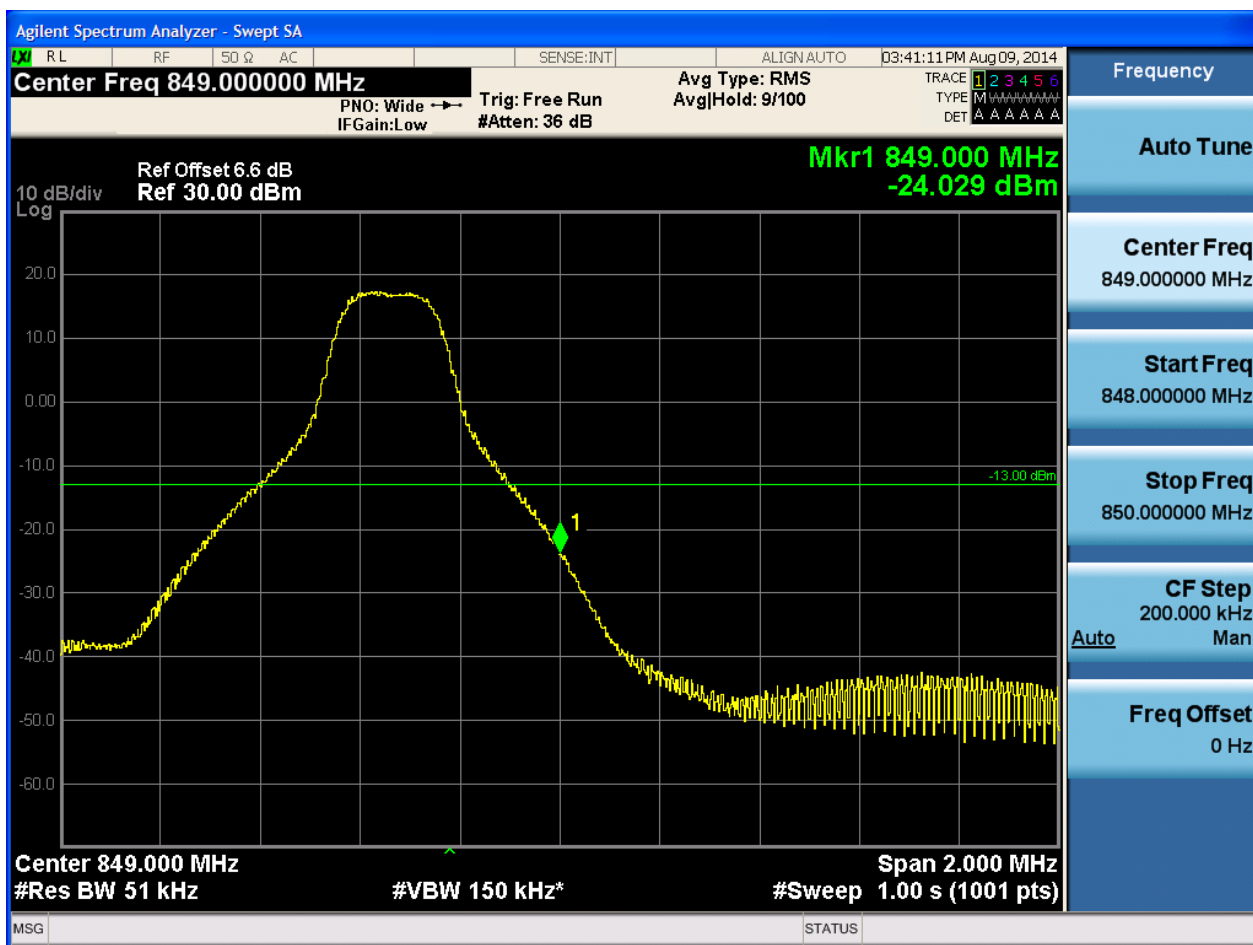
5.1.1.1.3.2 Test Channel = HCH

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





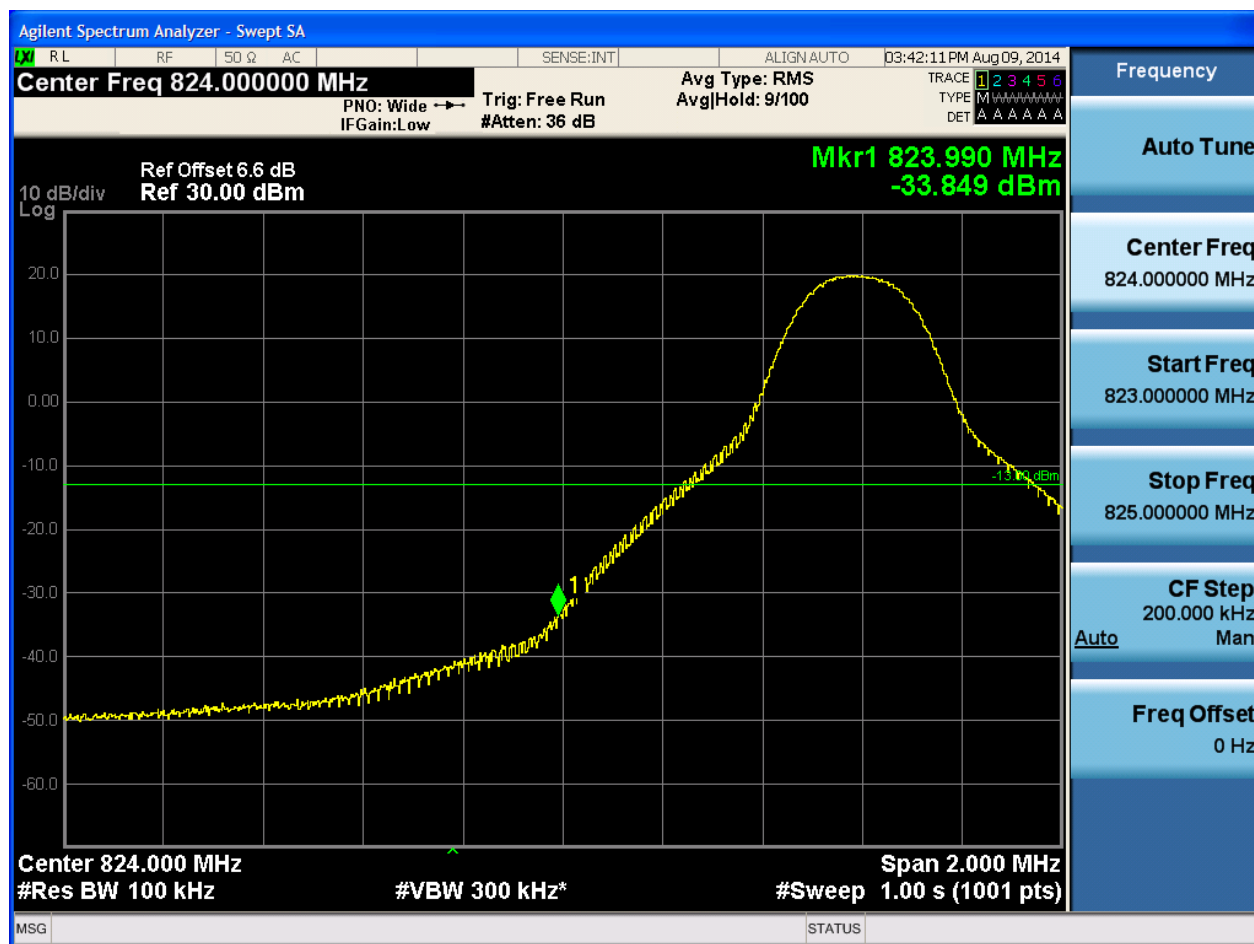
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

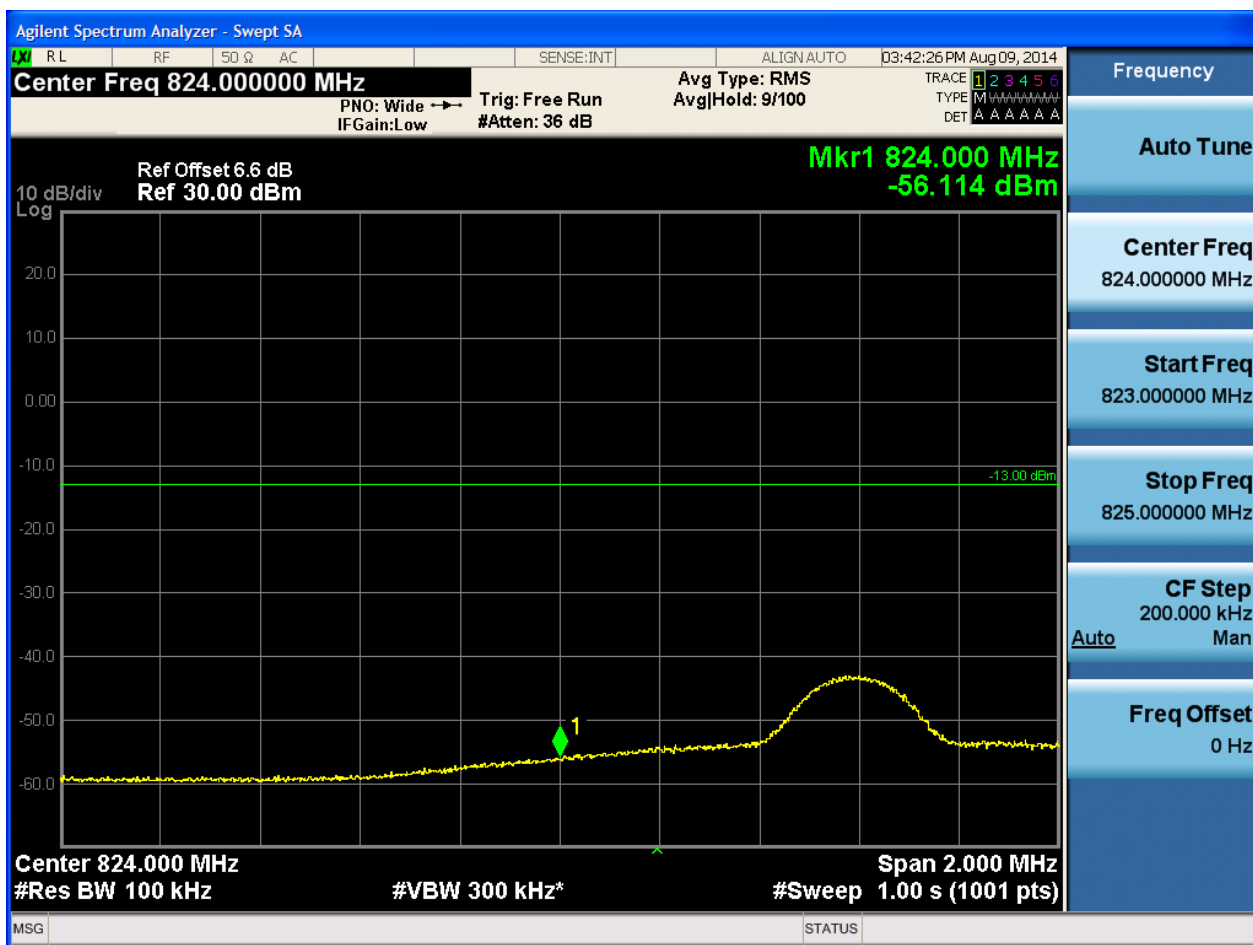
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



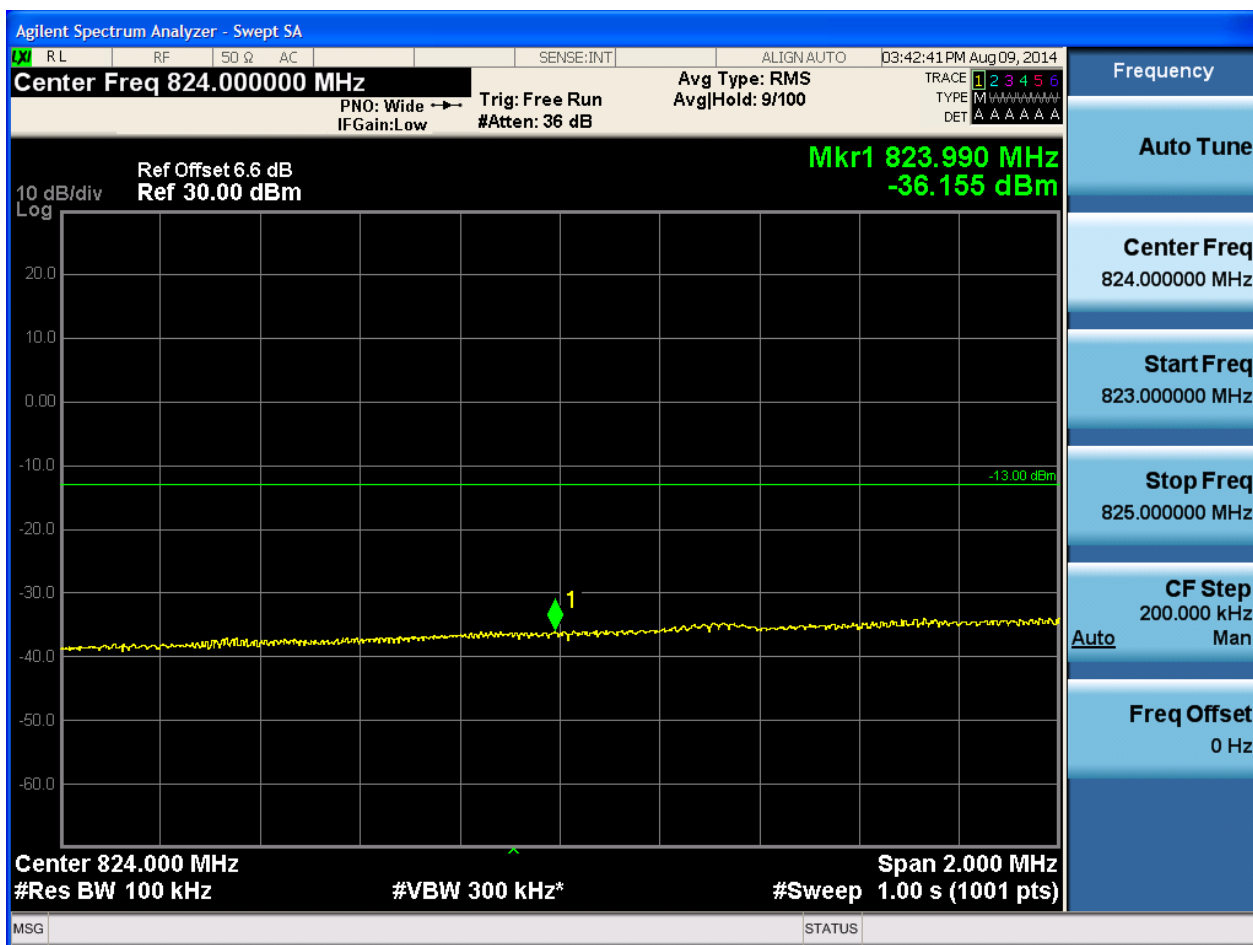


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





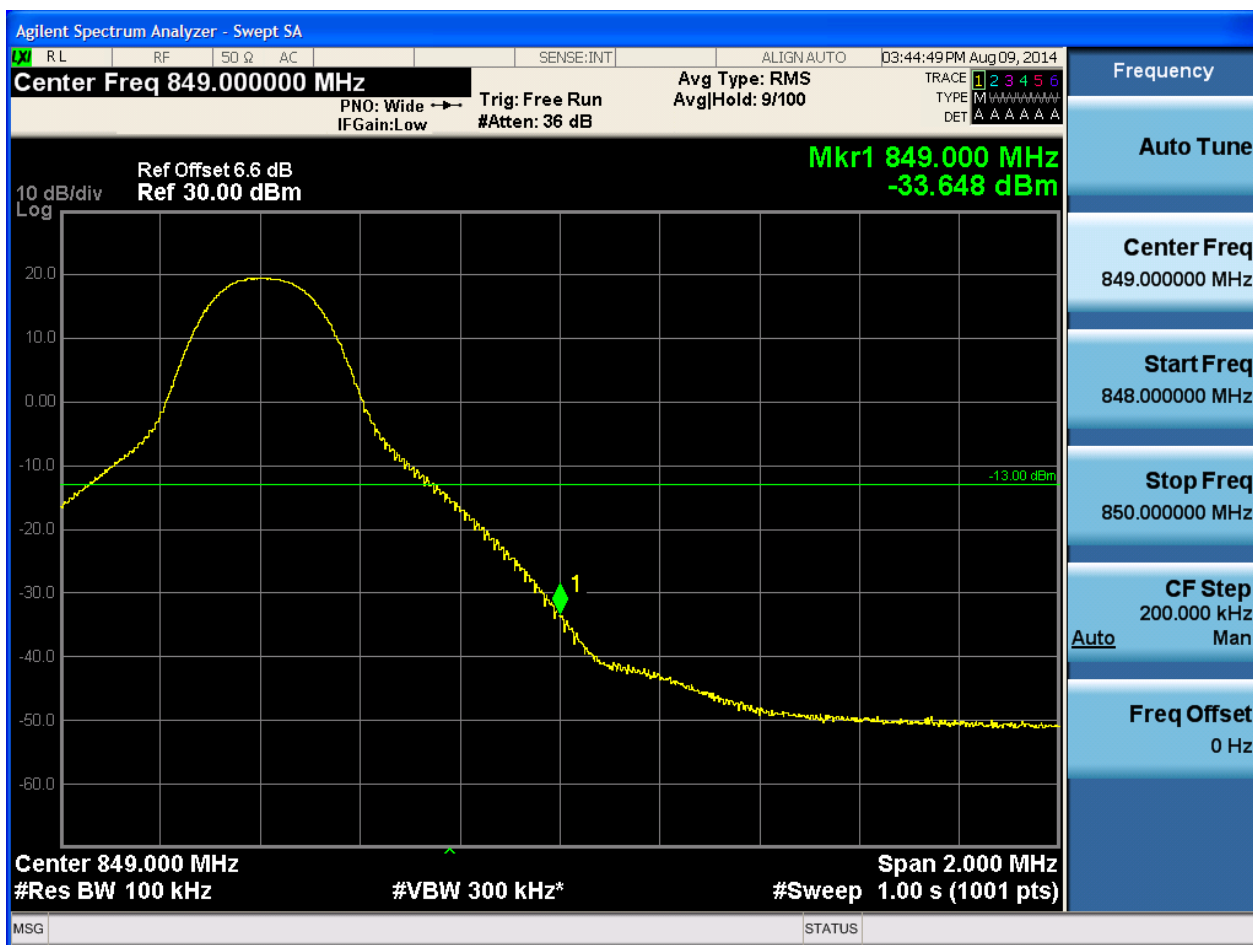
5.1.1.1.4.2 Test Channel = HCH

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



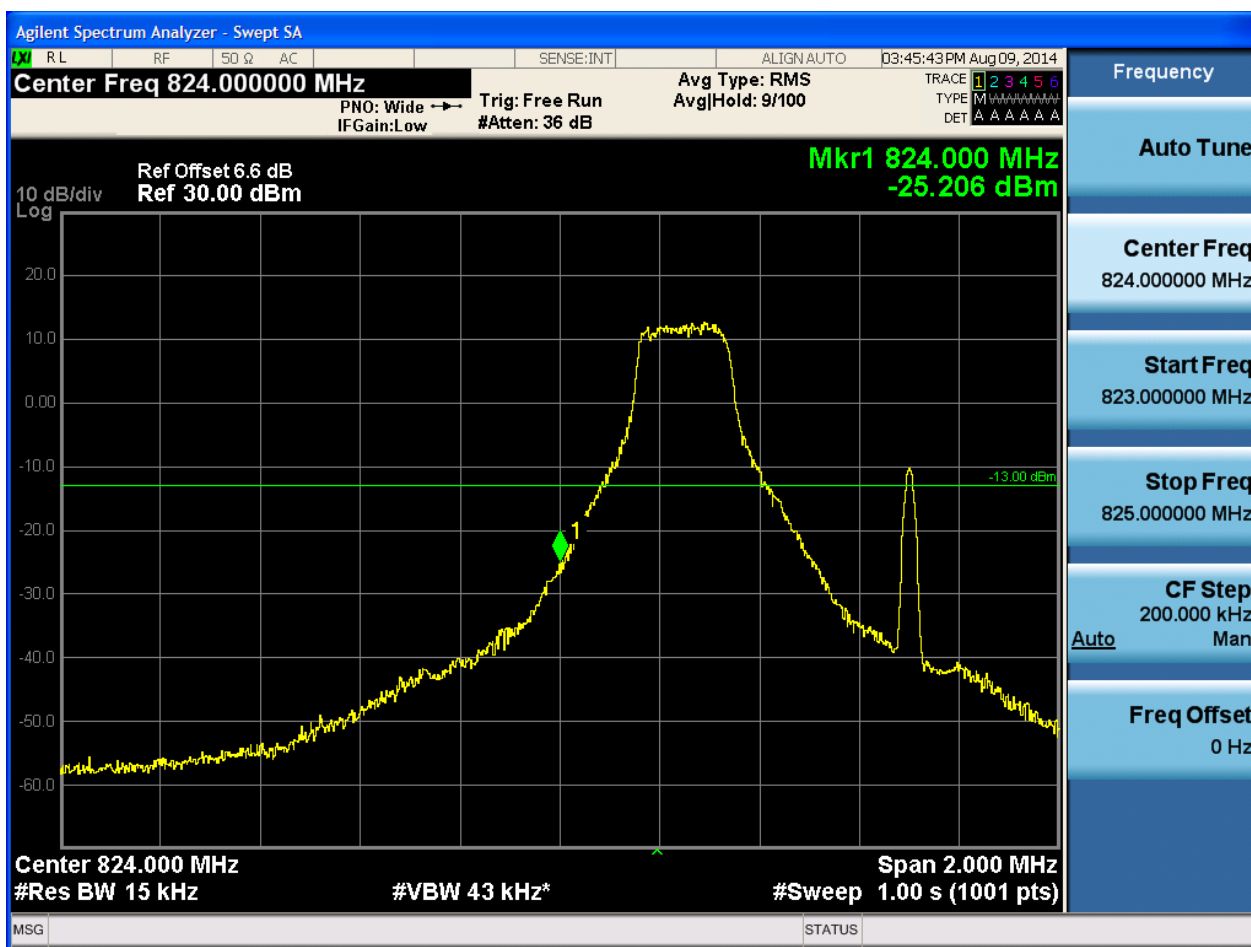


5.1.1.2 Test Mode = LTE/TM2

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



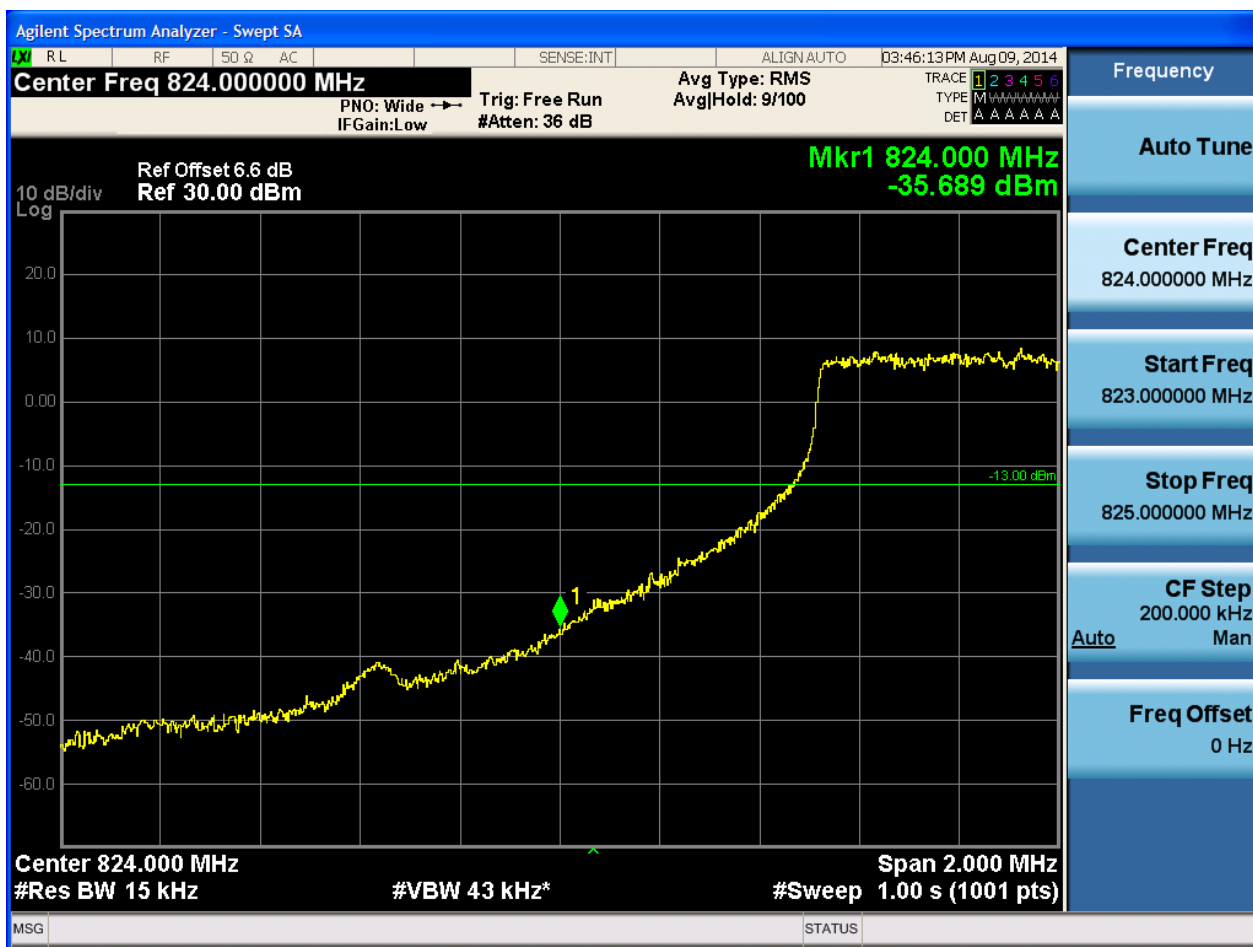


5.1.1.2.1.1.2 Test RB = RB1#5



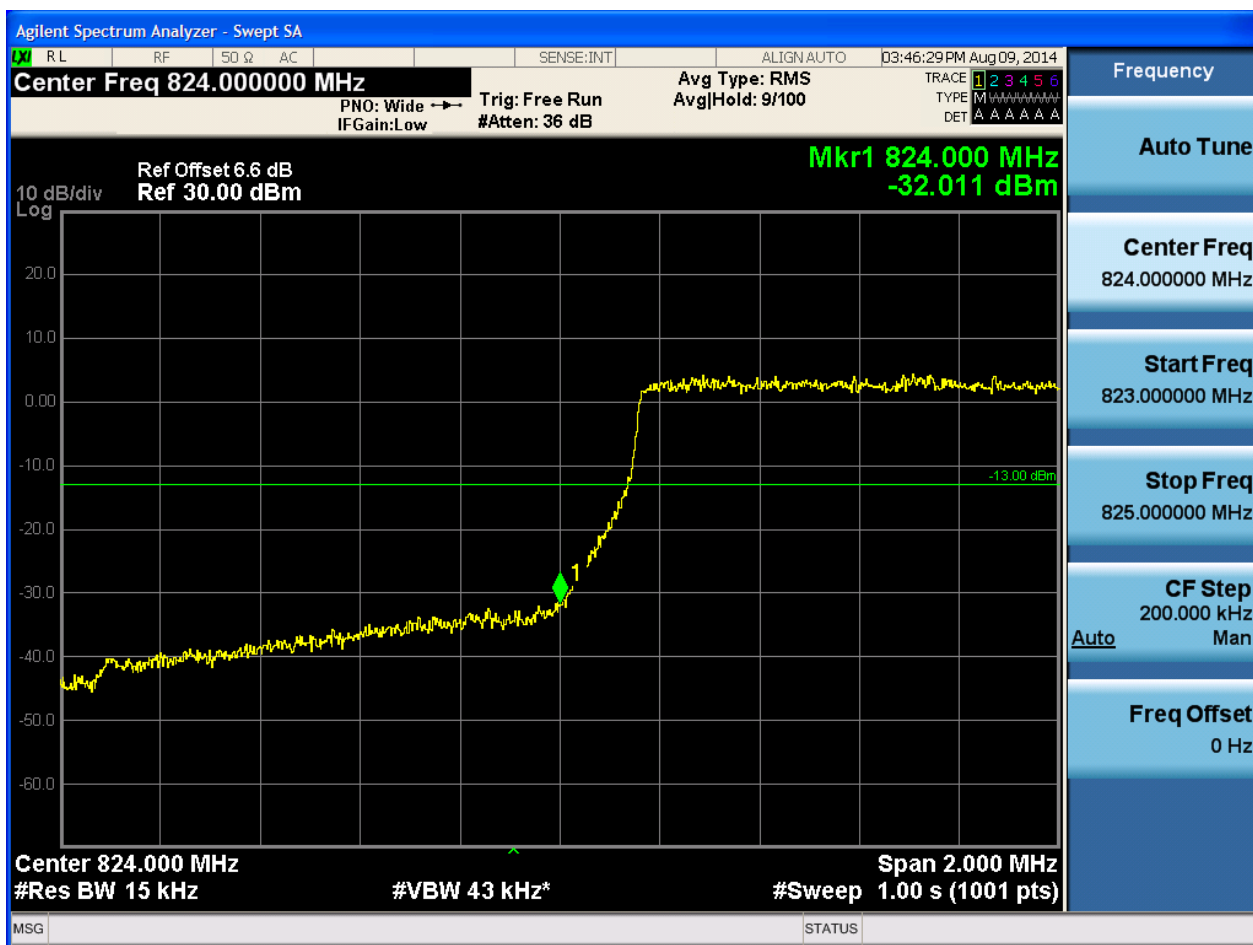


5.1.1.2.1.1.3 Test RB = RB3#2



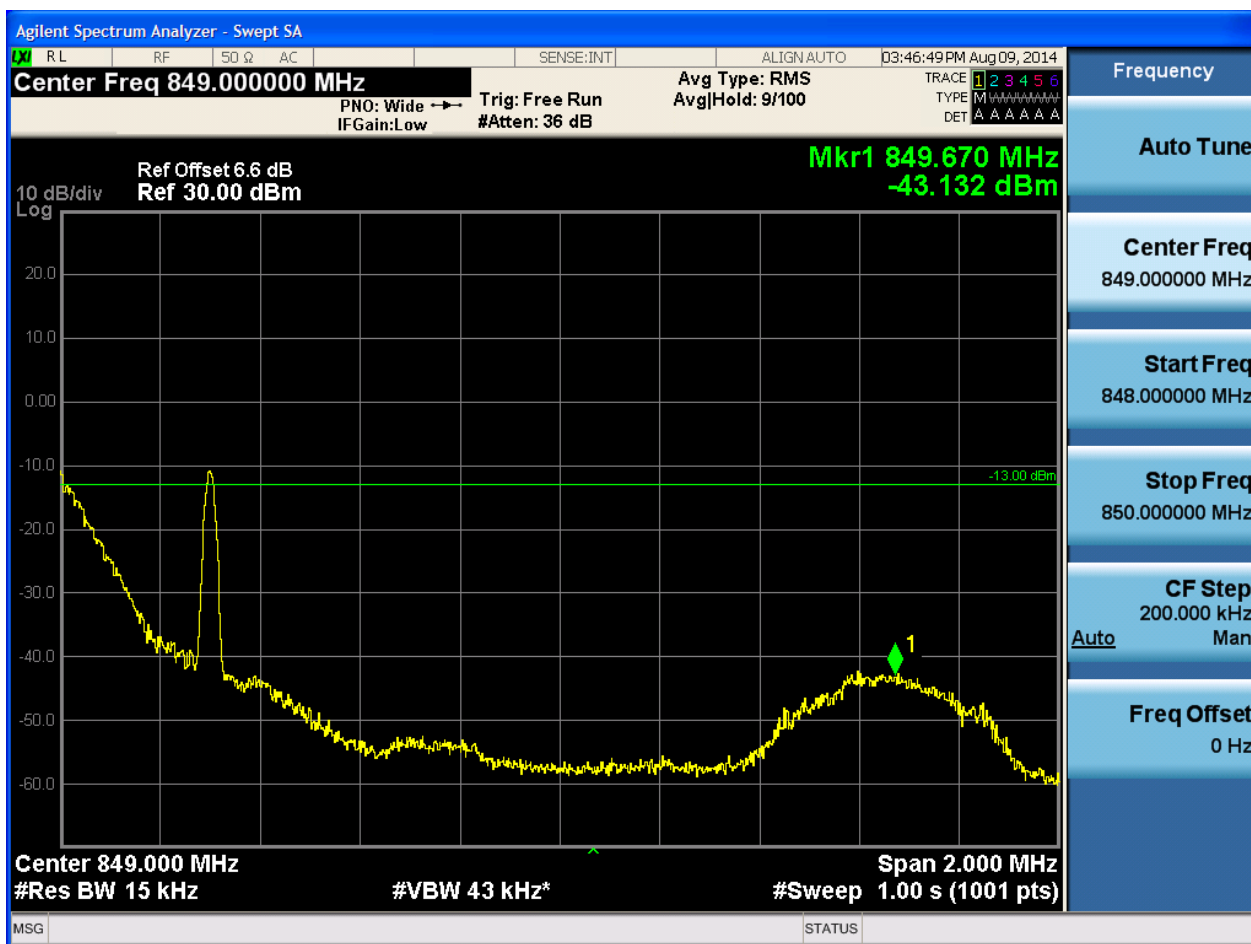


5.1.1.2.1.1.4 Test RB = RB6#0



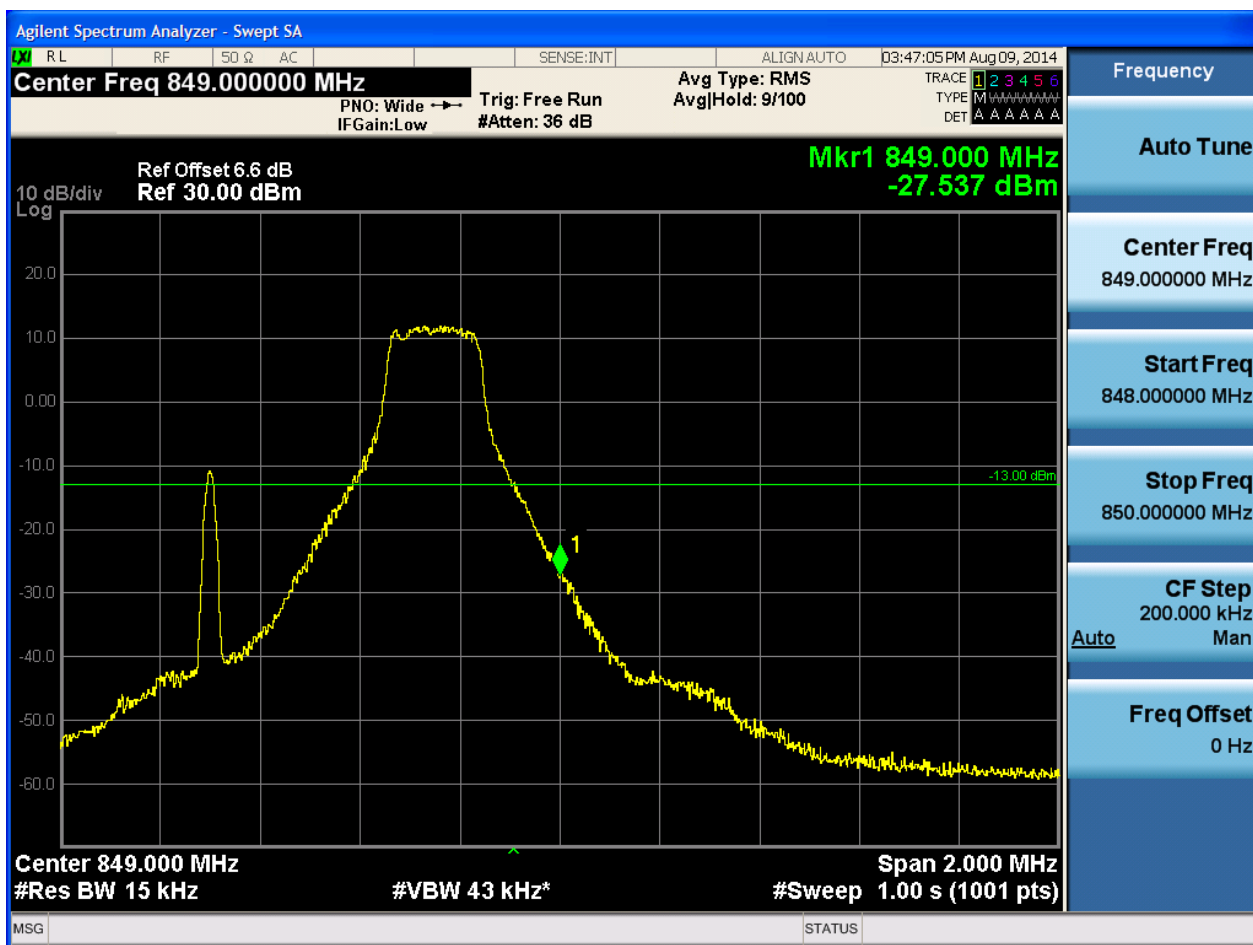
5.1.1.2.1.2 Test Channel = HCH

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





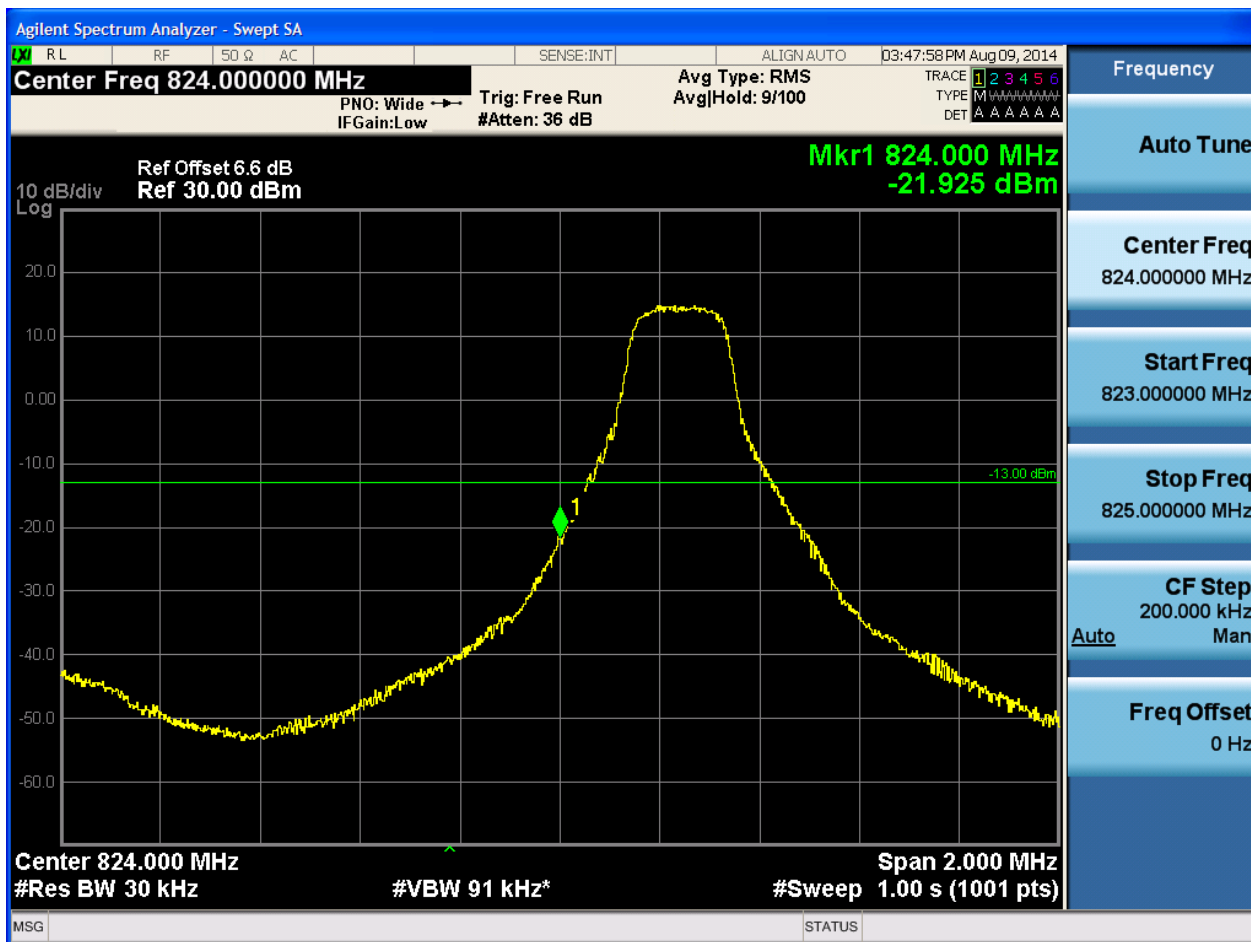
5.1.1.2.1.2.4 Test RB = RB6#0



5.1.1.2.2 Test Bandwidth = 3

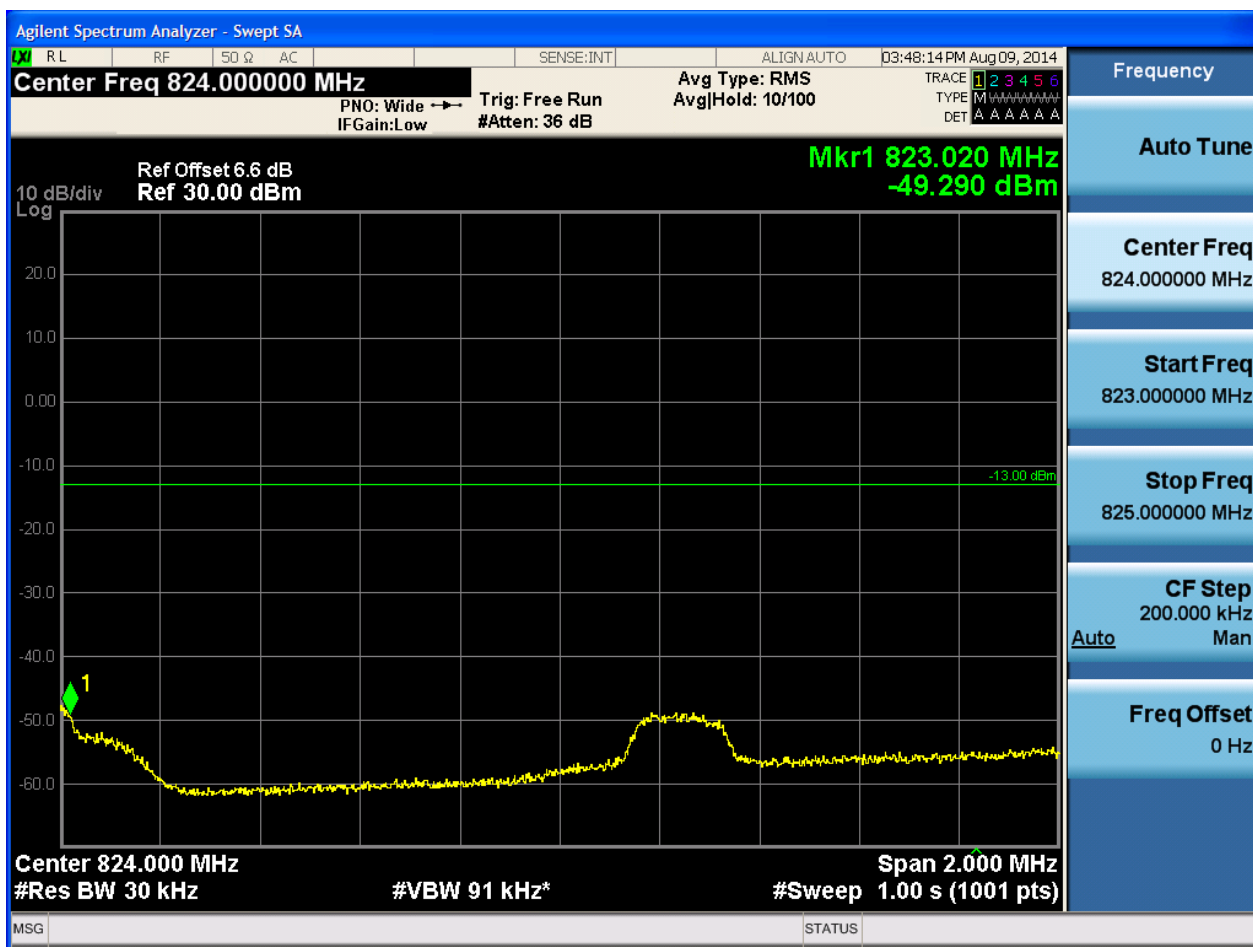
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



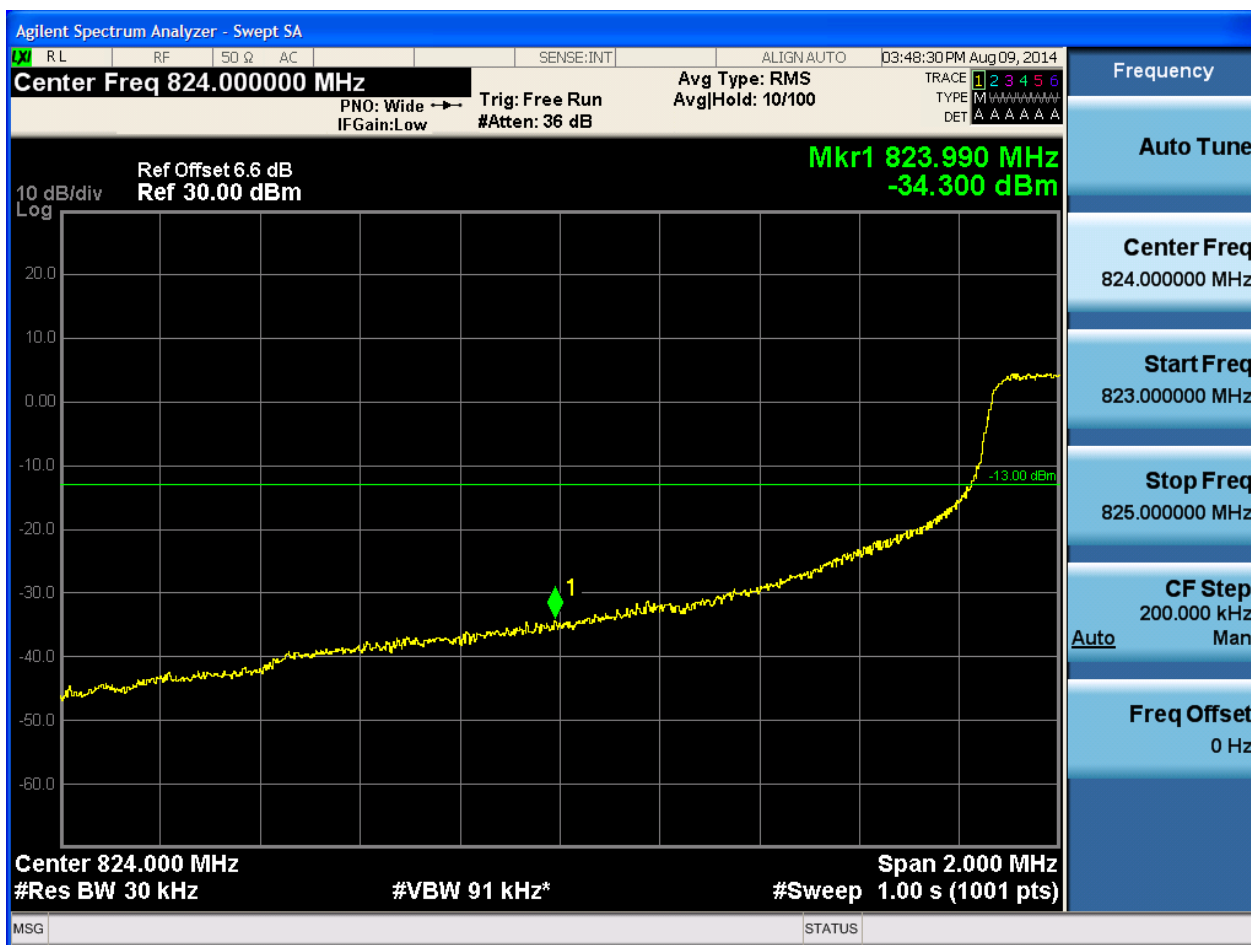


5.1.1.2.2.1.2 Test RB = RB1#14



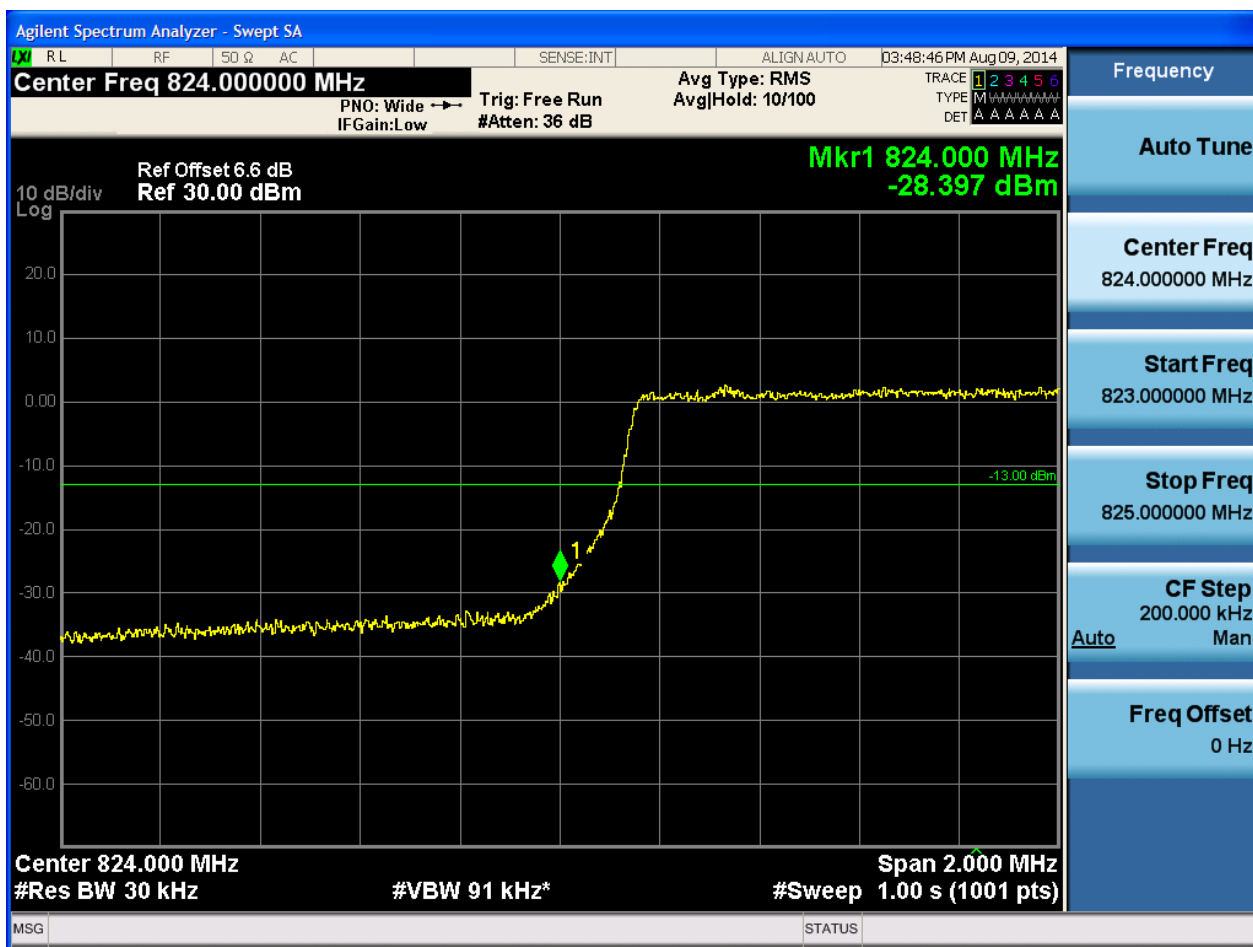


5.1.1.2.2.1.3 Test RB = RB8#4





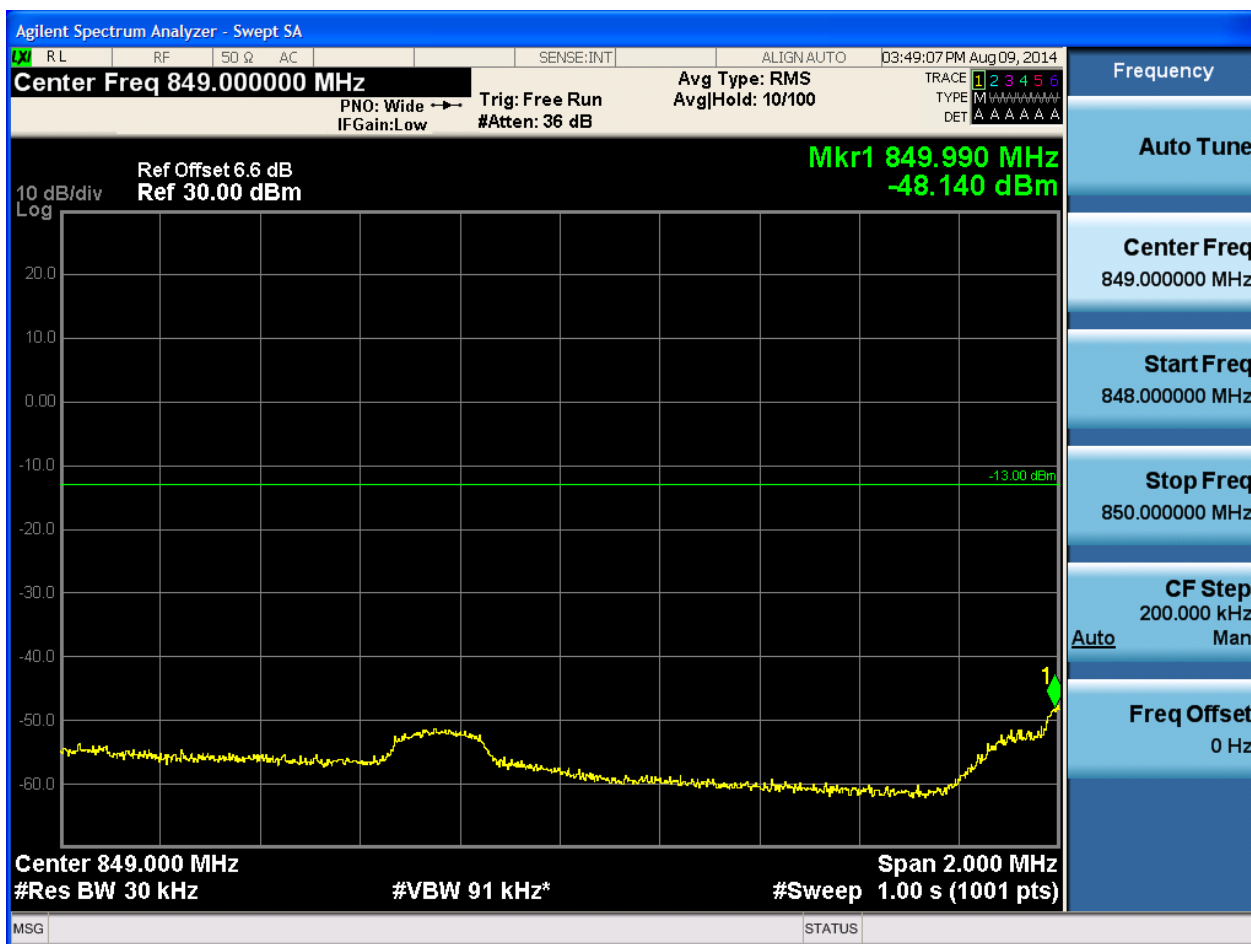
5.1.1.2.2.1.4 Test RB = RB15#0





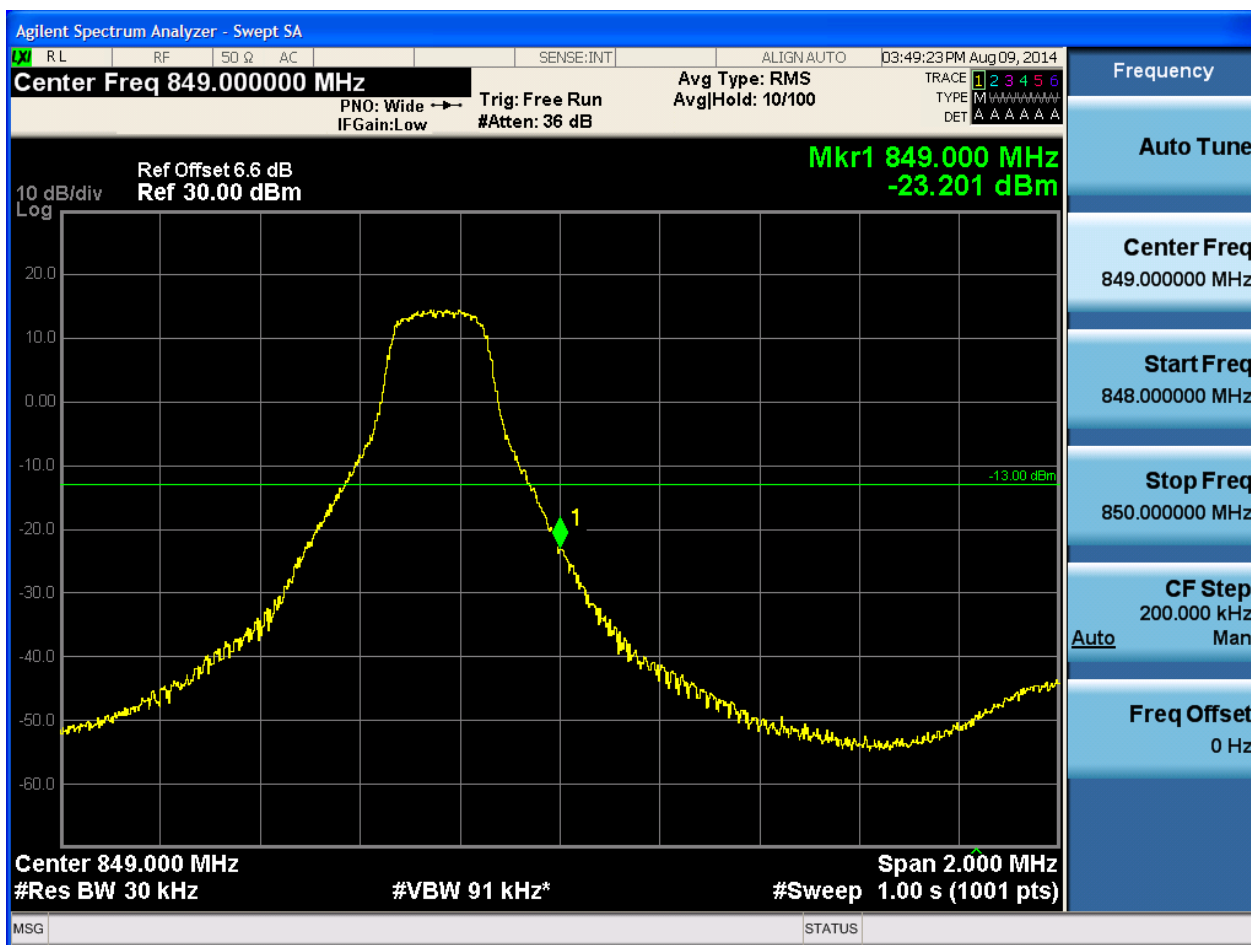
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



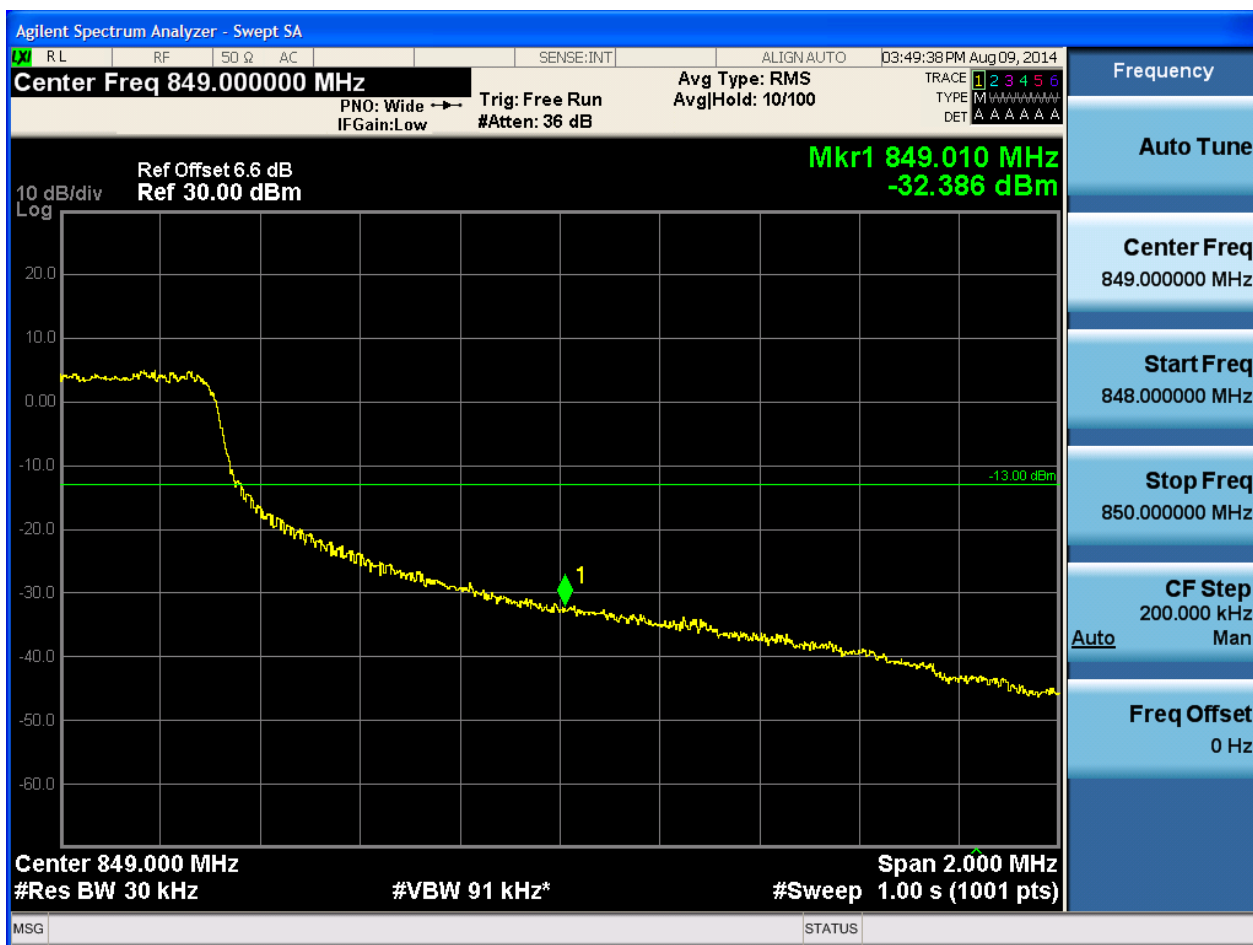


5.1.1.2.2.2 Test RB = RB1#14



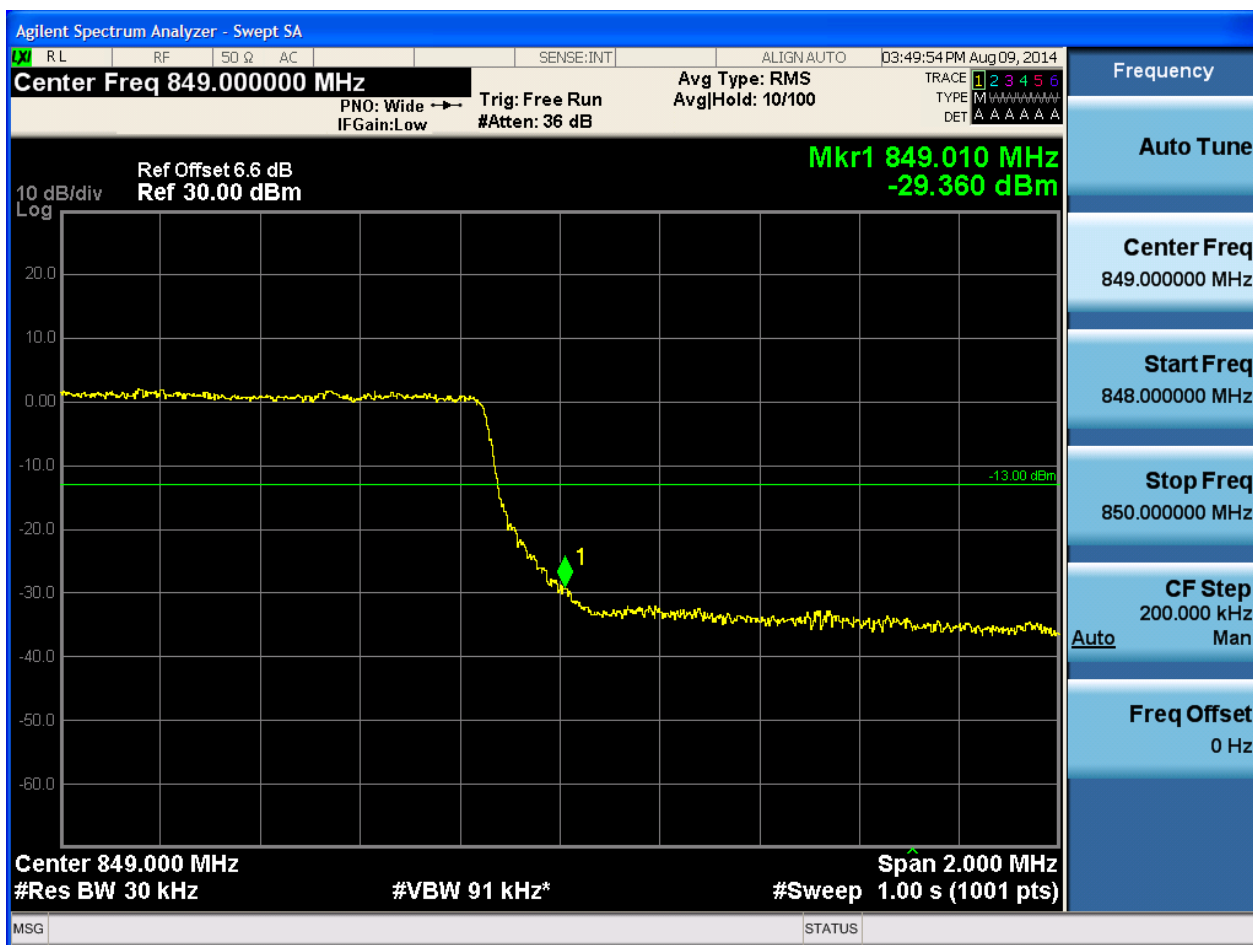


5.1.1.2.2.3 Test RB = RB8#4





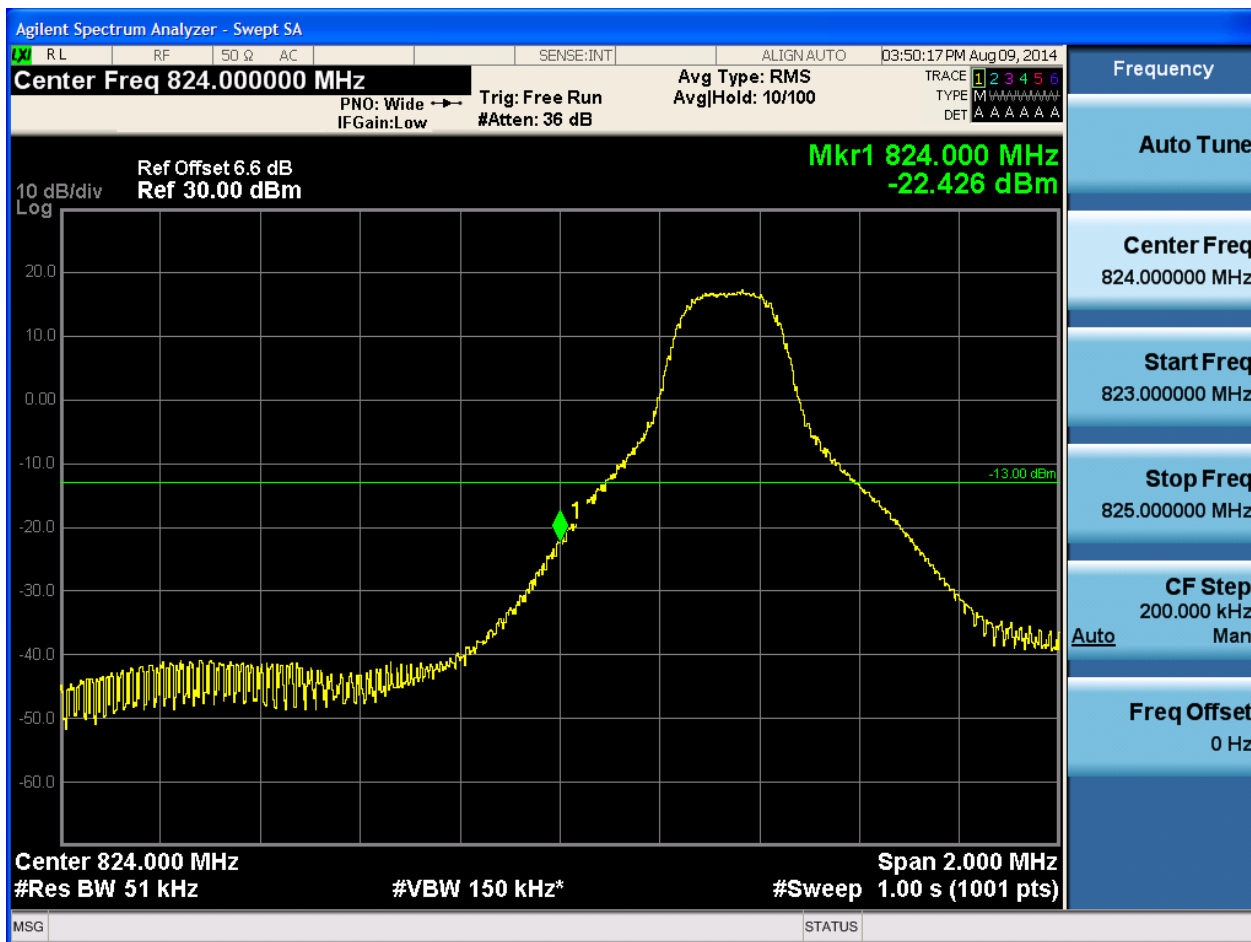
5.1.1.2.2.4 Test RB = RB15#0



5.1.1.2.3 Test Bandwidth = 5

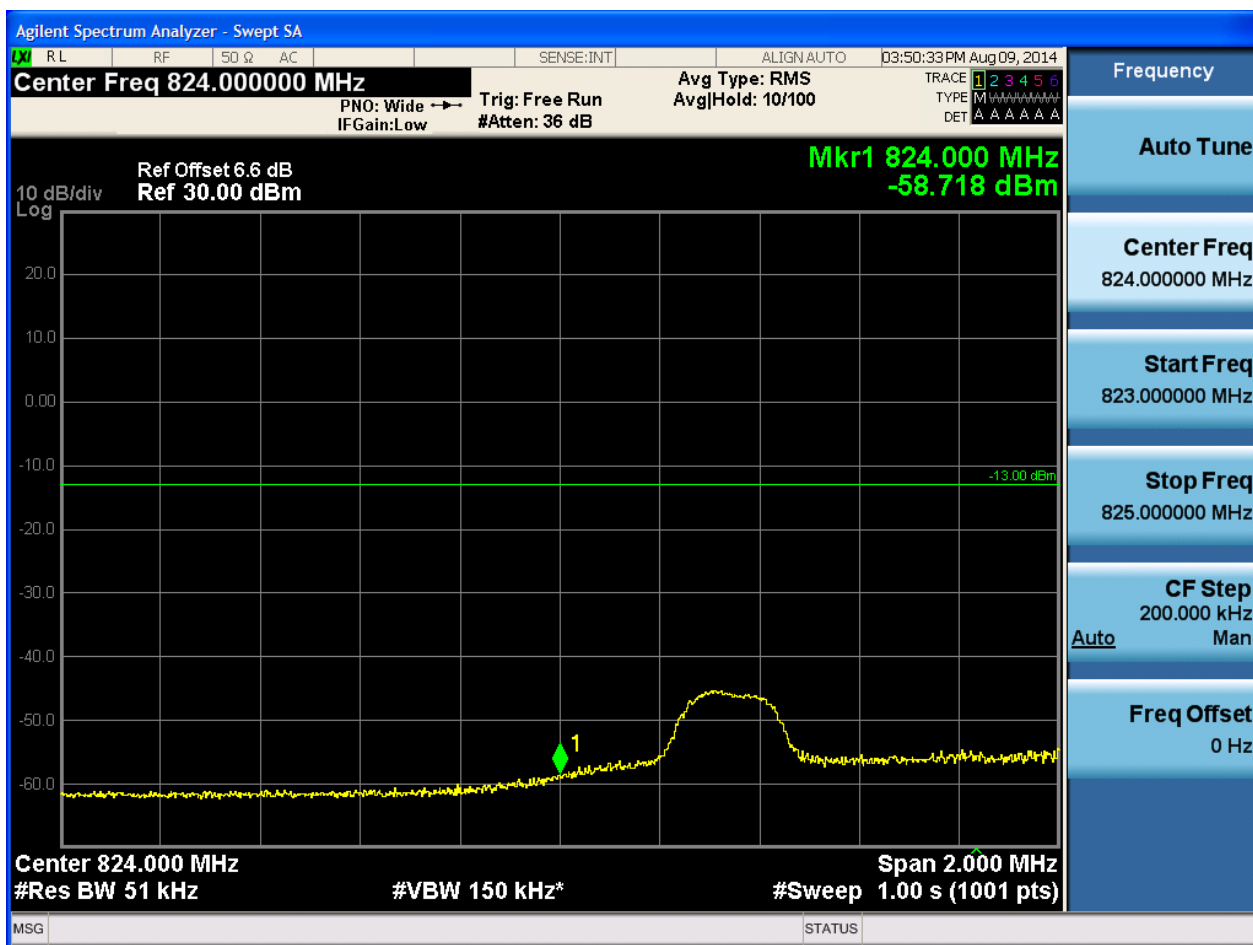
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24



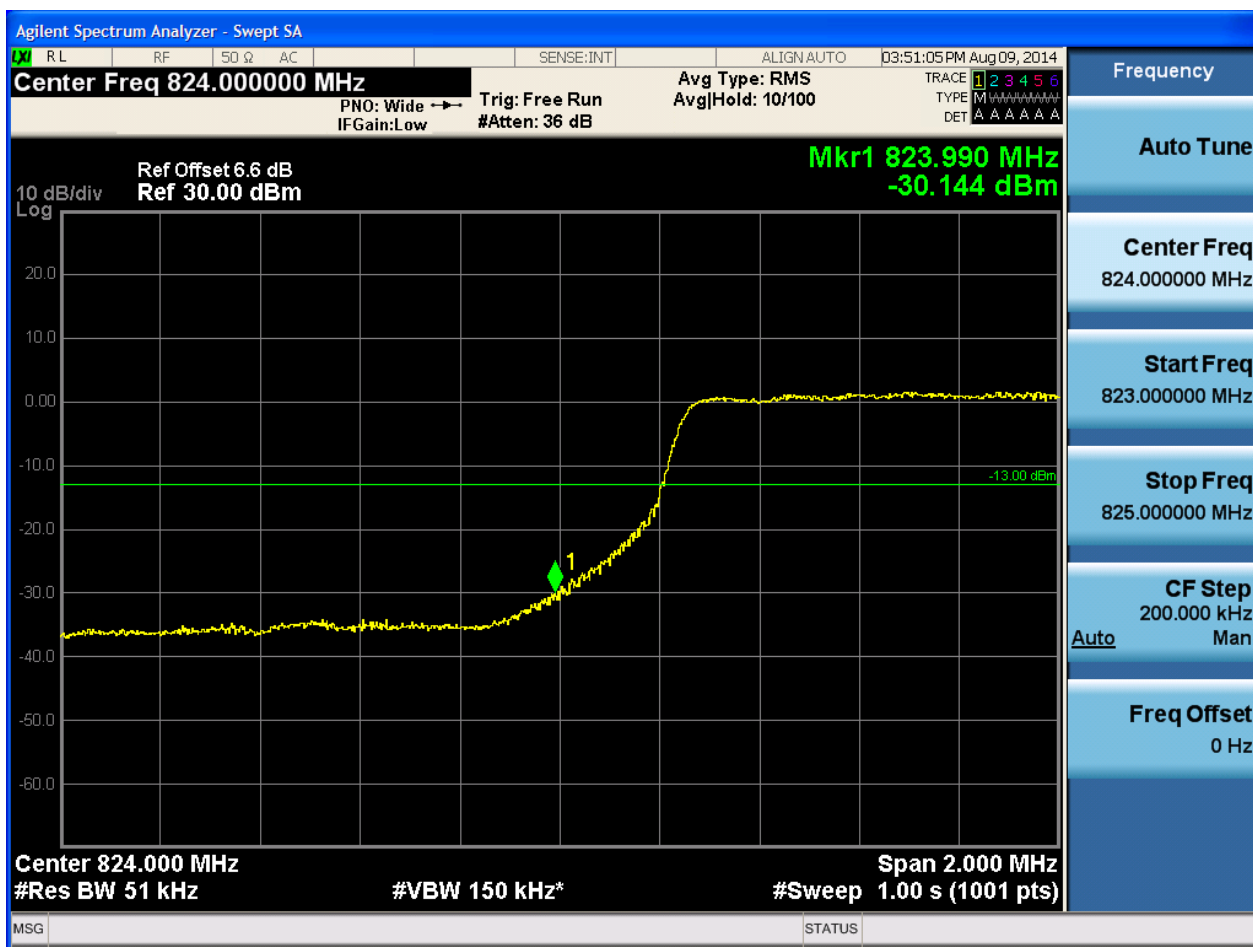


5.1.1.2.3.1.3 Test RB = RB12#6



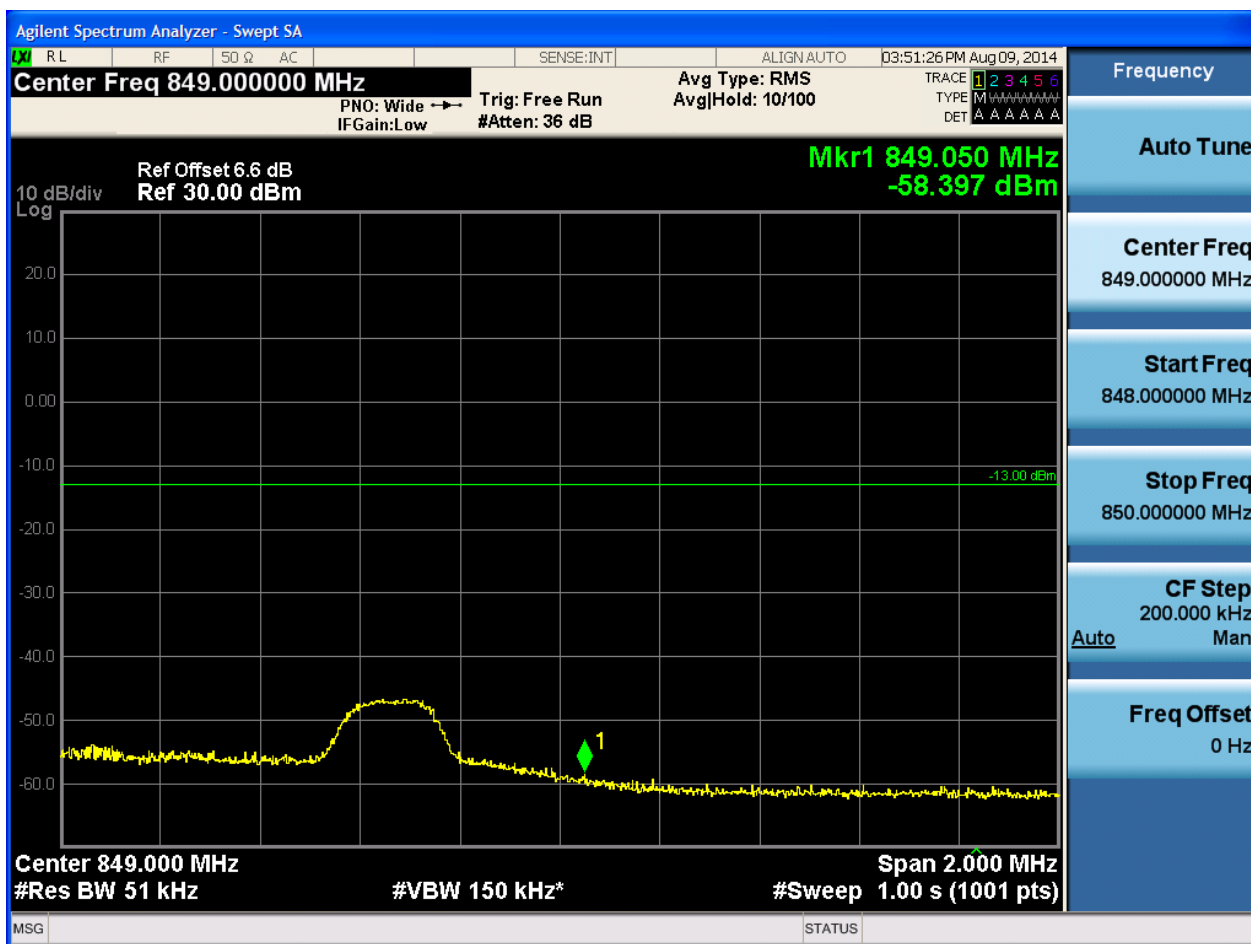


5.1.1.2.3.1.4 Test RB = RB25#0



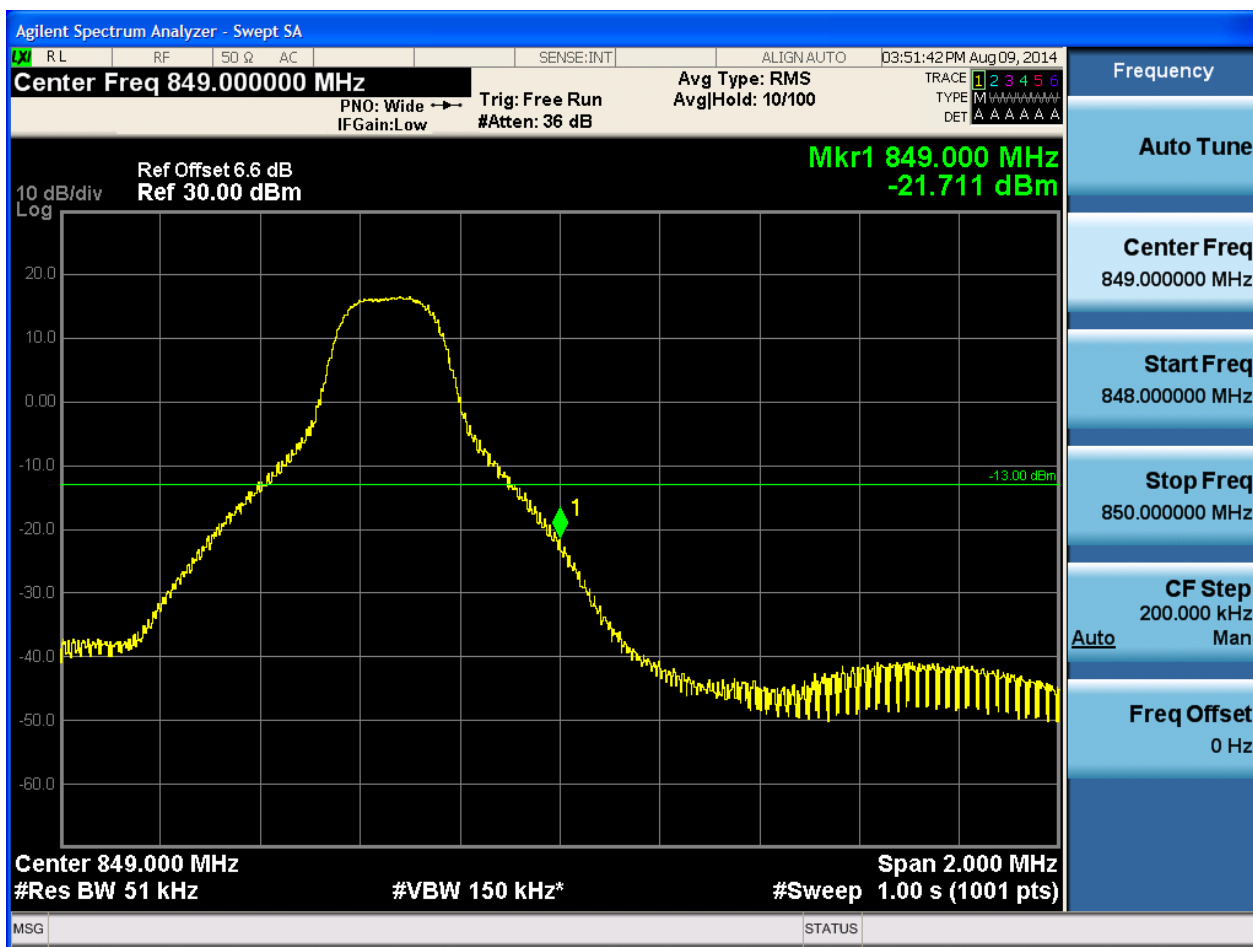
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#24



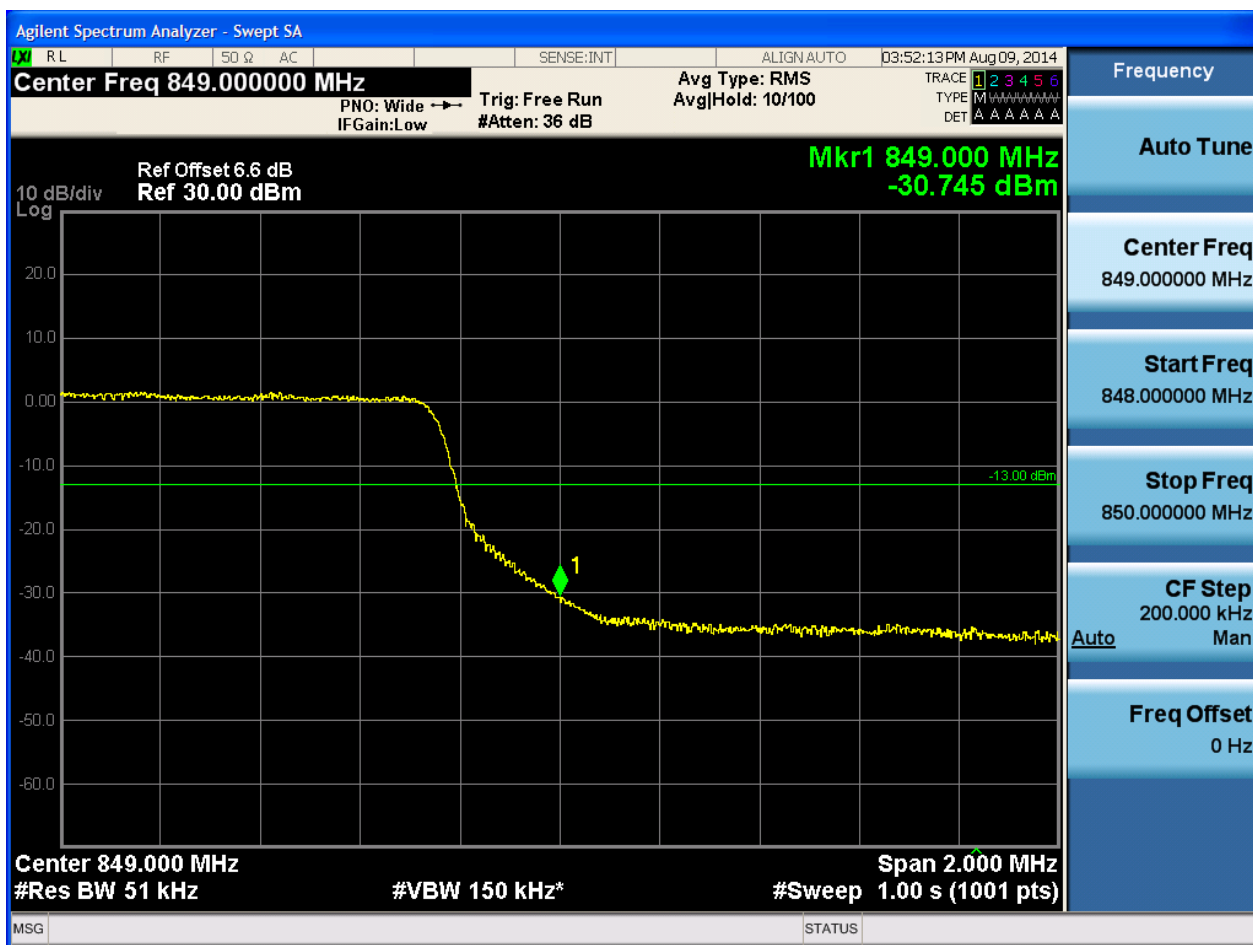


5.1.1.2.3.2.3 Test RB = RB12#6





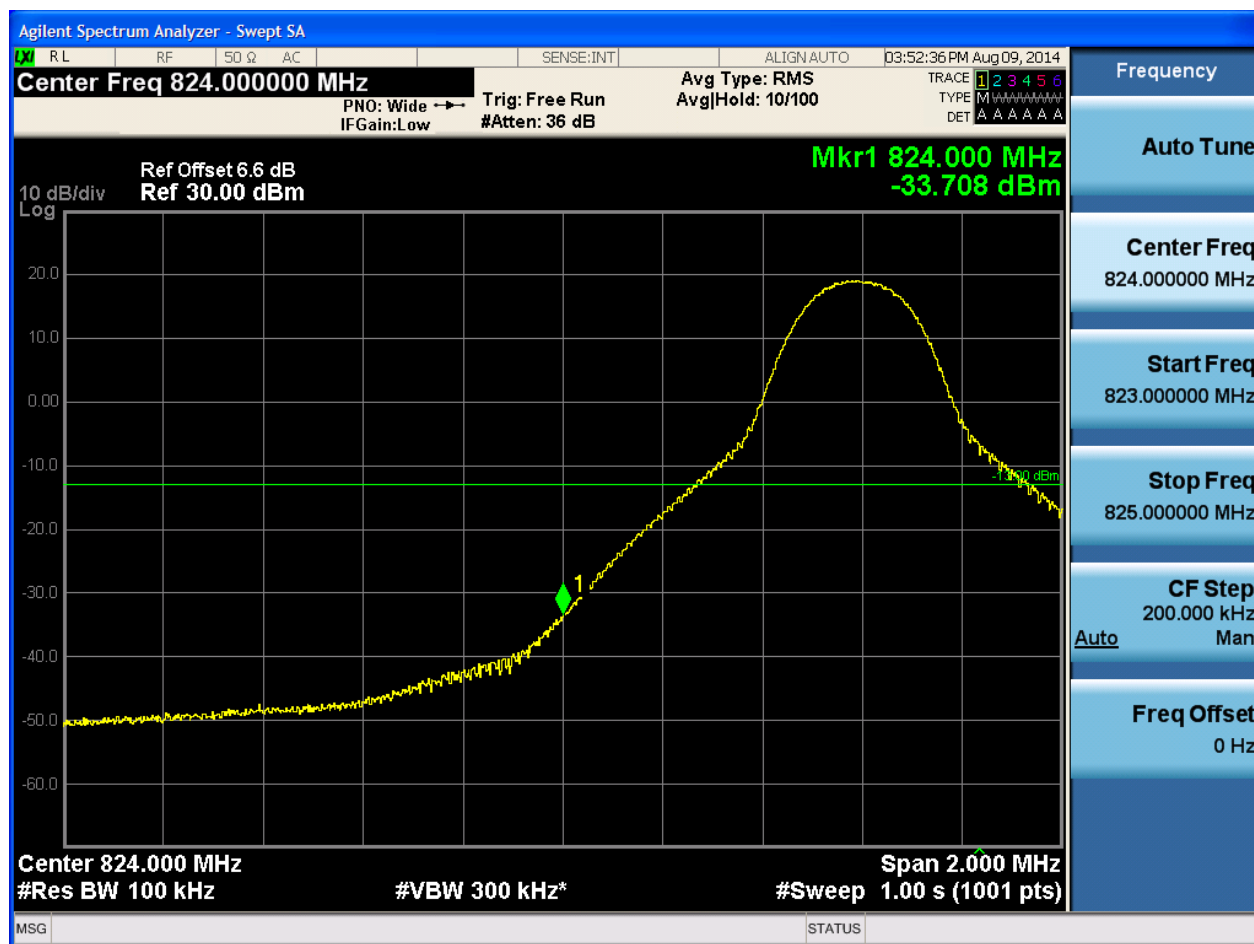
5.1.1.2.3.2.4 Test RB = RB25#0



5.1.1.2.4 Test Bandwidth = 10

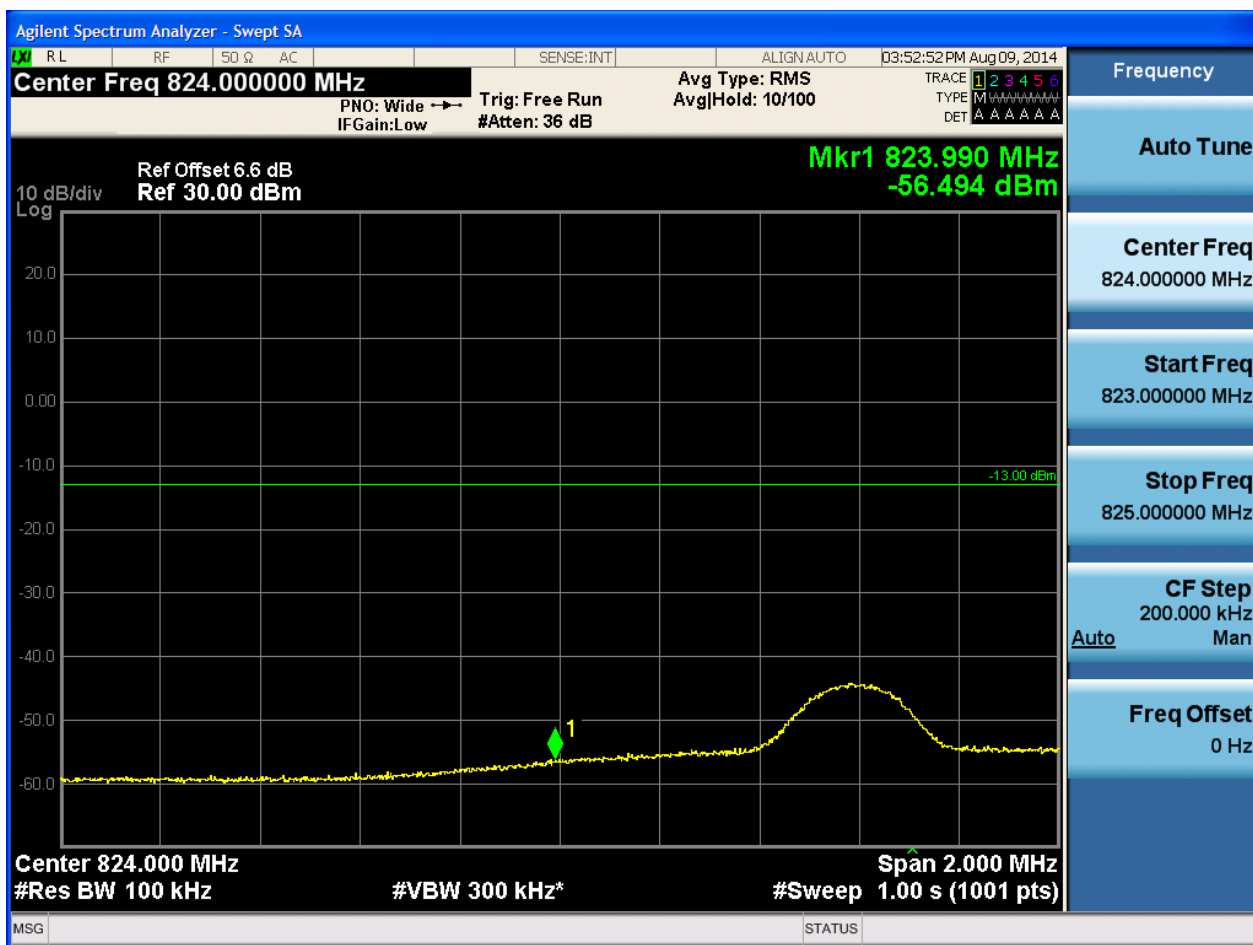
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



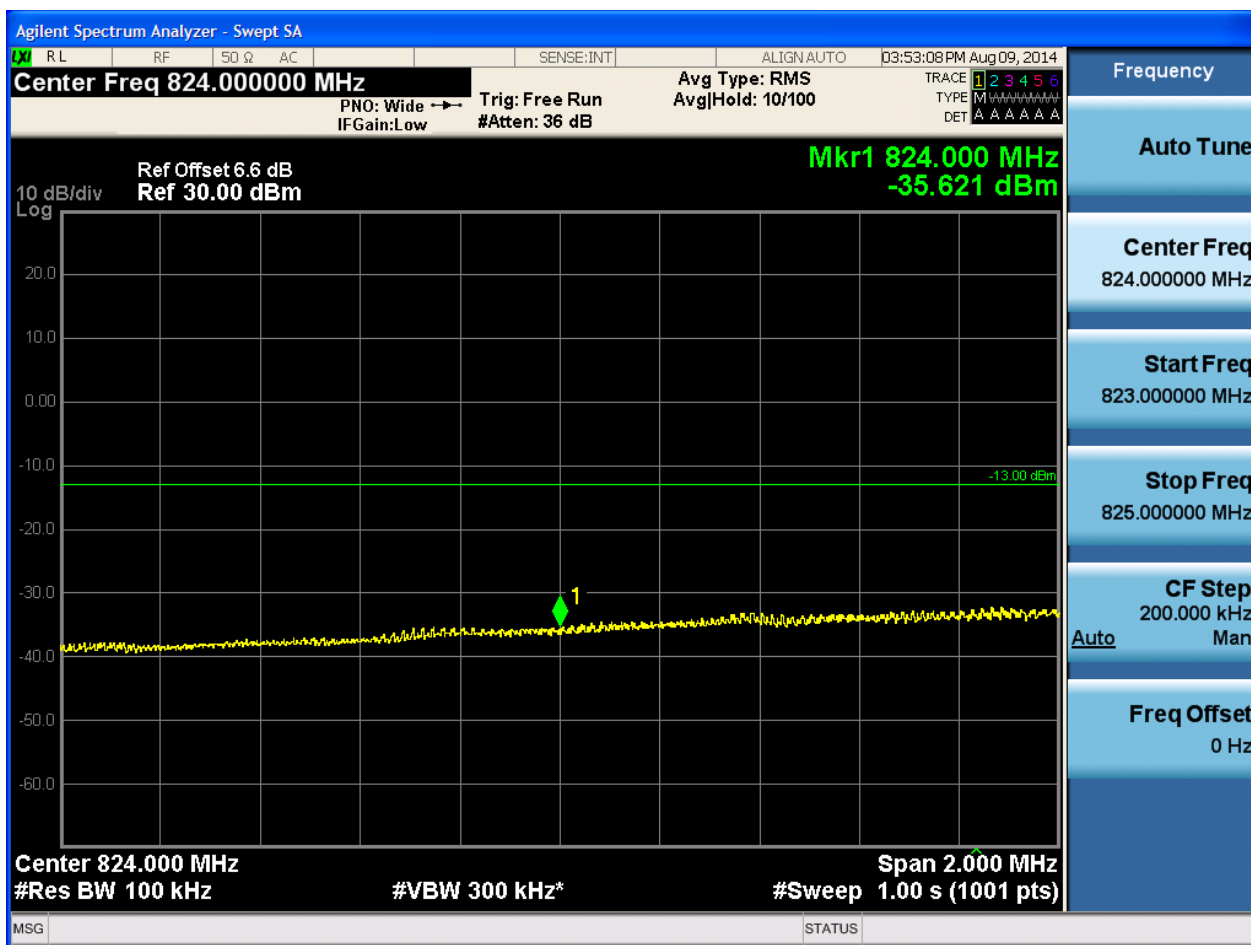


5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 6.6 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 824.000 MHz
-33.085 dBm

Center 824.000 MHz
#Res BW 100 kHz
#VBW 300 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

Alignment Completed

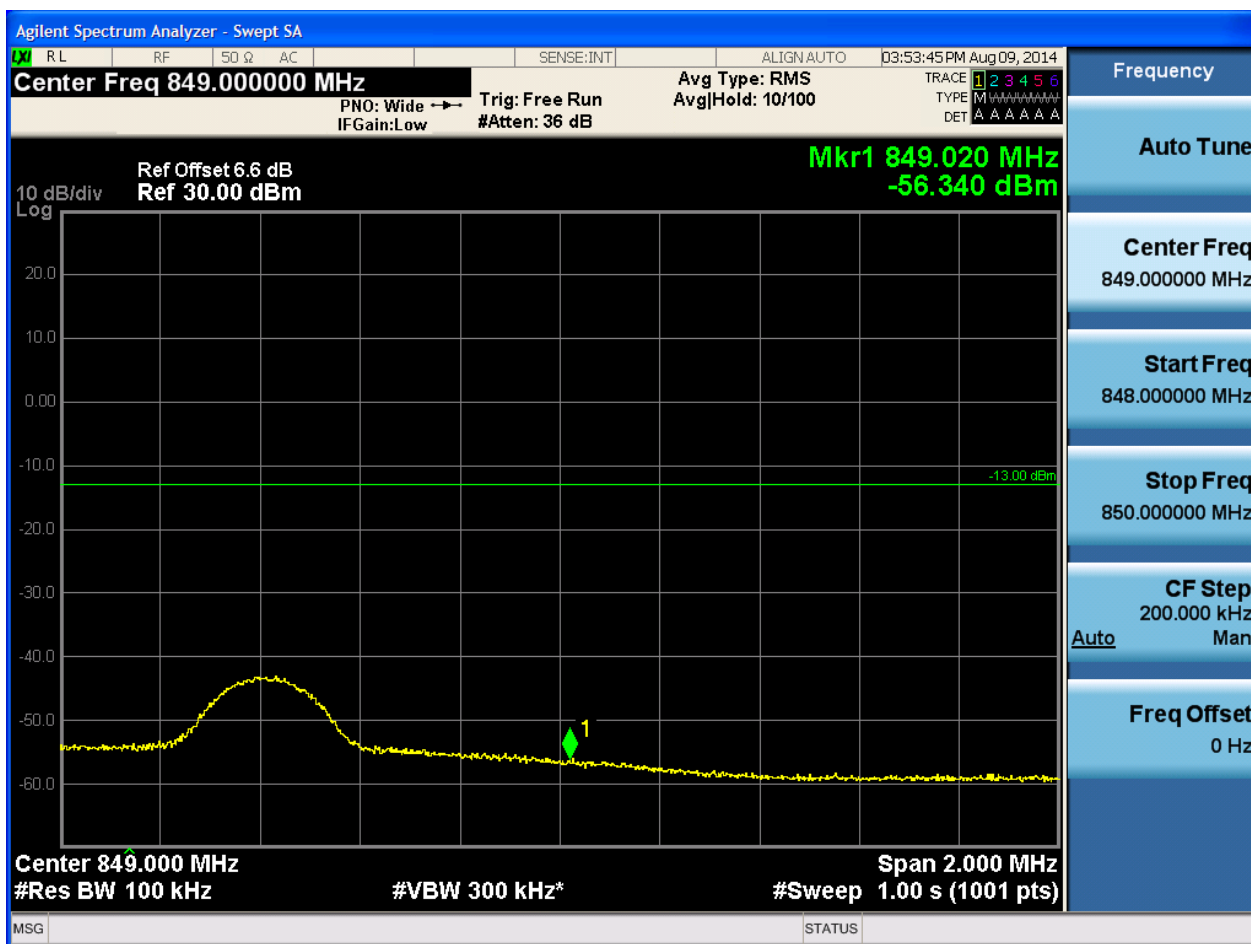
STATUS

Detailed description: The image is a screenshot of an Agilent Spectrum Analyzer in 'Swept SA' mode. The main display is a log-scale plot of power (dBm) versus frequency (MHz). The center frequency is set to 824.000000 MHz. The plot shows a signal that is relatively flat at -33.085 dBm around the center frequency and then rises to -13.00 dBm at the edges of the 2.000 MHz span. A marker '1' is placed on the rising part of the signal. The interface includes several control panels: a top panel for basic settings (PNO, Trig, IF Gain, Avg Type, etc.), a right panel for frequency and tuning parameters (Auto Tune, Center Freq, Start Freq, Stop Freq, CF Step, Freq Offset), and a bottom panel for sweep and resolution parameters (Center, Res BW, VBW, Span, Sweep). The status bar at the bottom indicates 'Alignment Completed'.

Parameter	Value
Center Freq	824.000000 MHz
Start Freq	823.000000 MHz
Stop Freq	825.000000 MHz
CF Step	200.000 kHz
Freq Offset	0 Hz
Center	824.000 MHz
Res BW	100 kHz
VBW	300 kHz*
Span	2.000 MHz
Sweep	1.00 s (1001 pts)

5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





5.1.1.2.4.2.2 Test RB = RB1#49

