



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]	ERP [dBm]	Limit [dBm]	Verdict
BAND26	LTE/TM 1	1.4	LCH	RB1#0	22.88	18.13	38.5	PASS
				RB1#3	22.68	17.93	38.5	PASS
				RB1#5	22.9	18.15	38.5	PASS
				RB3#0	22.88	18.13	38.5	PASS
				RB3#2	22.73	17.98	38.5	PASS
				RB3#3	22.97	18.22	38.5	PASS
				RB6#0	21.93	17.18	38.5	PASS
			MCH	RB1#0	22.49	17.74	38.5	PASS
				RB1#3	22.68	17.93	38.5	PASS
				RB1#5	22.62	17.87	38.5	PASS
				RB3#0	22.47	17.72	38.5	PASS
				RB3#2	22.52	17.77	38.5	PASS
				RB3#3	22.55	17.8	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.54	16.79	38.5	PASS
			HCH	RB1#0	22.41	17.66	38.5	PASS
				RB1#3	22.48	17.73	38.5	PASS
				RB1#5	22.34	17.59	38.5	PASS
				RB3#0	22.46	17.71	38.5	PASS
				RB3#2	22.44	17.69	38.5	PASS
				RB3#3	22.37	17.62	38.5	PASS
				RB6#0	21.51	16.76	38.5	PASS
		3	LCH	RB1#0	22.64	17.89	38.5	PASS
				RB1#7	22.53	17.78	38.5	PASS
				RB1#14	22.54	17.79	38.5	PASS
				RB8#0	21.85	17.1	38.5	PASS
				RB8#4	21.9	17.15	38.5	PASS
				RB8#7	21.78	17.03	38.5	PASS
				RB15#0	21.78	17.03	38.5	PASS
			MCH	RB1#0	22.26	17.51	38.5	PASS
				RB1#7	22.5	17.75	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.21	17.46	38.5	PASS
				RB8#0	21.42	16.67	38.5	PASS
				RB8#4	21.46	16.71	38.5	PASS
				RB8#7	21.41	16.66	38.5	PASS
				RB15#0	21.42	16.67	38.5	PASS
			HCH	RB1#0	22.42	17.67	38.5	PASS
				RB1#7	22.53	17.78	38.5	PASS
				RB1#14	22.16	17.41	38.5	PASS
				RB8#0	21.62	16.87	38.5	PASS
				RB8#4	21.46	16.71	38.5	PASS
				RB8#7	21.47	16.72	38.5	PASS
				RB15#0	21.52	16.77	38.5	PASS
		5	LCH	RB1#0	22.63	17.88	38.5	PASS
				RB1#13	22.85	18.1	38.5	PASS
				RB1#24	22.99	18.24	38.5	PASS
				RB12#0	21.75	17	38.5	PASS
				RB12#6	21.86	17.11	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.69	16.94	38.5	PASS
				RB25#0	21.72	16.97	38.5	PASS
			MCH	RB1#0	22.23	17.48	38.5	PASS
				RB1#13	22.55	17.8	38.5	PASS
				RB1#24	23.03	18.28	38.5	PASS
				RB12#0	21.51	16.76	38.5	PASS
				RB12#6	21.57	16.82	38.5	PASS
				RB12#13	21.44	16.69	38.5	PASS
				RB25#0	21.52	16.77	38.5	PASS
			HCH	RB1#0	22.71	17.96	38.5	PASS
				RB1#13	22.61	17.86	38.5	PASS
				RB1#24	22.84	18.09	38.5	PASS
				RB12#0	21.73	16.98	38.5	PASS
				RB12#6	21.79	17.04	38.5	PASS
				RB12#13	21.33	16.58	38.5	PASS
				RB25#0	21.94	17.19	38.5	PASS
		10	LCH	RB1#0	22.91	18.16	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.92	18.17	38.5	PASS
				RB1#49	22.16	17.41	38.5	PASS
				RB25#0	21.86	17.11	38.5	PASS
				RB25#13	21.99	17.24	38.5	PASS
				RB25#25	21.61	16.86	38.5	PASS
				RB50#0	21.98	17.23	38.5	PASS
			MCH	RB1#0	22.26	17.51	38.5	PASS
				RB1#25	22.82	18.07	38.5	PASS
				RB1#49	22.53	17.78	38.5	PASS
				RB25#0	21.62	16.87	38.5	PASS
				RB25#13	21.77	17.02	38.5	PASS
				RB25#25	21.5	16.75	38.5	PASS
				RB50#0	21.47	16.72	38.5	PASS
			HCH	RB1#0	22.48	17.73	38.5	PASS
				RB1#25	23.04	18.29	38.5	PASS
				RB1#49	22.2	17.45	38.5	PASS
				RB25#0	21.9	17.15	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.98	17.23	38.5	PASS
				RB25#25	21.94	17.19	38.5	PASS
				RB50#0	22.02	17.27	38.5	PASS
		15	LCH	RB1#0	22.42	17.67	38.5	PASS
				RB1#38	22.58	17.83	38.5	PASS
				RB1#74	21.72	16.97	38.5	PASS
				RB38#0	21.64	16.89	38.5	PASS
				RB38#19	21.51	16.76	38.5	PASS
				RB38#39	21.28	16.53	38.5	PASS
				RB75#0	21.51	16.76	38.5	PASS
			MCH	RB1#0	22.03	17.28	38.5	PASS
				RB1#38	22.46	17.71	38.5	PASS
				RB1#74	22.07	17.32	38.5	PASS
				RB38#0	21.34	16.59	38.5	PASS
				RB38#19	21.3	16.55	38.5	PASS
				RB38#39	21.34	16.59	38.5	PASS
				RB75#0	21.35	16.6	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.79	17.04	38.5	PASS
				RB1#38	22.92	18.17	38.5	PASS
				RB1#74	21.64	16.89	38.5	PASS
				RB38#0	21.3	16.55	38.5	PASS
				RB38#19	21.81	17.06	38.5	PASS
				RB38#39	21.92	17.17	38.5	PASS
				RB75#0	21.68	16.93	38.5	PASS
	LTE/TM 2	1.4	LCH	RB1#0	21.91	17.16	38.5	PASS
				RB1#3	21.99	17.24	38.5	PASS
				RB1#5	21.97	17.22	38.5	PASS
				RB3#0	21.89	17.14	38.5	PASS
				RB3#2	21.85	17.1	38.5	PASS
				RB3#3	21.96	17.21	38.5	PASS
				RB6#0	21.79	17.04	38.5	PASS
			MCH	RB1#0	21.53	16.78	38.5	PASS
				RB1#3	21.68	16.93	38.5	PASS
				RB1#5	21.62	16.87	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB3#0	21.51	16.76	38.5	PASS
				RB3#2	21.57	16.82	38.5	PASS
				RB3#3	21.57	16.82	38.5	PASS
				RB6#0	21.41	16.66	38.5	PASS
			HCH	RB1#0	21.72	16.97	38.5	PASS
				RB1#3	21.79	17.04	38.5	PASS
				RB1#5	21.69	16.94	38.5	PASS
				RB3#0	21.63	16.88	38.5	PASS
				RB3#2	21.64	16.89	38.5	PASS
				RB3#3	21.52	16.77	38.5	PASS
				RB6#0	21.57	16.82	38.5	PASS
		3	LCH	RB1#0	21.7	16.95	38.5	PASS
				RB1#7	21.75	17	38.5	PASS
				RB1#14	21.72	16.97	38.5	PASS
				RB8#0	21.87	17.12	38.5	PASS
				RB8#4	21.9	17.15	38.5	PASS
				RB8#7	21.71	16.96	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.74	16.99	38.5	PASS
			MCH	RB1#0	21.26	16.51	38.5	PASS
				RB1#7	21.52	16.77	38.5	PASS
				RB1#14	21.25	16.5	38.5	PASS
				RB8#0	21.46	16.71	38.5	PASS
				RB8#4	21.48	16.73	38.5	PASS
				RB8#7	21.44	16.69	38.5	PASS
				RB15#0	21.41	16.66	38.5	PASS
			HCH	RB1#0	21.72	16.97	38.5	PASS
				RB1#7	21.72	16.97	38.5	PASS
				RB1#14	21.39	16.64	38.5	PASS
				RB8#0	21.53	16.78	38.5	PASS
				RB8#4	21.38	16.63	38.5	PASS
				RB8#7	21.38	16.63	38.5	PASS
				RB15#0	21.5	16.75	38.5	PASS
		5	LCH	RB1#0	21.87	17.12	38.5	PASS
				RB1#13	21.78	17.03	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.58	17.83	38.5	PASS
				RB12#0	21.71	16.96	38.5	PASS
				RB12#6	21.72	16.97	38.5	PASS
				RB12#13	21.58	16.83	38.5	PASS
				RB25#0	21.6	16.85	38.5	PASS
			MCH	RB1#0	21.44	16.69	38.5	PASS
				RB1#13	21.77	17.02	38.5	PASS
				RB1#24	22.05	17.3	38.5	PASS
				RB12#0	21.34	16.59	38.5	PASS
				RB12#6	21.4	16.65	38.5	PASS
				RB12#13	21.26	16.51	38.5	PASS
				RB25#0	21.43	16.68	38.5	PASS
			HCH	RB1#0	21.65	16.9	38.5	PASS
				RB1#13	21.64	16.89	38.5	PASS
				RB1#24	21.94	17.19	38.5	PASS
				RB12#0	21.6	16.85	38.5	PASS
				RB12#6	21.69	16.94	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.23	16.48	38.5	PASS
				RB25#0	21.81	17.06	38.5	PASS
		10	LCH	RB1#0	21.89	17.14	38.5	PASS
				RB1#25	21.99	17.24	38.5	PASS
				RB1#49	21.27	16.52	38.5	PASS
				RB25#0	21.92	17.17	38.5	PASS
				RB25#13	21.91	17.16	38.5	PASS
				RB25#25	21.52	16.77	38.5	PASS
				RB50#0	21.87	17.12	38.5	PASS
			MCH	RB1#0	21.34	16.59	38.5	PASS
				RB1#25	21.88	17.13	38.5	PASS
				RB1#49	21.52	16.77	38.5	PASS
				RB25#0	21.52	16.77	38.5	PASS
				RB25#13	21.72	16.97	38.5	PASS
				RB25#25	21.46	16.71	38.5	PASS
				RB50#0	21.41	16.66	38.5	PASS
			HCH	RB1#0	21.67	16.92	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.05	17.3	38.5	PASS
				RB1#49	21.26	16.51	38.5	PASS
				RB25#0	21.77	17.02	38.5	PASS
				RB25#13	21.86	17.11	38.5	PASS
				RB25#25	21.83	17.08	38.5	PASS
				RB50#0	21.84	17.09	38.5	PASS
		15	LCH	RB1#0	21.74	16.99	38.5	PASS
				RB1#38	21.68	16.93	38.5	PASS
				RB1#74	20.78	16.03	38.5	PASS
				RB38#0	21.5	16.75	38.5	PASS
				RB38#19	21.37	16.62	38.5	PASS
				RB38#39	21.06	16.31	38.5	PASS
				RB75#0	21.28	16.53	38.5	PASS
			MCH	RB1#0	21.14	16.39	38.5	PASS
				RB1#38	21.63	16.88	38.5	PASS
				RB1#74	21.08	16.33	38.5	PASS
				RB38#0	21.33	16.58	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB38#19	21.29	16.54	38.5	PASS
				RB38#39	21.25	16.5	38.5	PASS
				RB75#0	21.18	16.43	38.5	PASS
			HCH	RB1#0	20.95	16.2	38.5	PASS
				RB1#38	21.91	17.16	38.5	PASS
				RB1#74	20.87	16.12	38.5	PASS
				RB38#0	21.25	16.5	38.5	PASS
				RB38#19	21.68	16.93	38.5	PASS
				RB38#39	21.83	17.08	38.5	PASS
				RB75#0	21.56	16.81	38.5	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
BAND26	LTE/TM1	1.4	LCH	RB1#0	4.47	13	PASS
				RB1#3	4.31	13	PASS
				RB1#5	4.43	13	PASS
				RB3#0	4.88	13	PASS
				RB3#2	4.7	13	PASS
				RB3#3	4.86	13	PASS
				RB6#0	5.63	13	PASS
			MCH	RB1#0	4.79	13	PASS
				RB1#3	4.76	13	PASS
				RB1#5	4.78	13	PASS
				RB3#0	5.18	13	PASS
				RB3#2	5.15	13	PASS
				RB3#3	5.14	13	PASS
				RB6#0	5.92	13	PASS
			HCH	RB1#0	4.41	13	PASS
				RB1#3	4.47	13	PASS
				RB1#5	4.46	13	PASS
				RB3#0	5.11	13	PASS
				RB3#2	4.98	13	PASS
				RB3#3	5.07	13	PASS
				RB6#0	5.76	13	PASS
		3	LCH	RB1#0	4.61	13	PASS
				RB1#7	4.21	13	PASS
				RB1#14	4.5	13	PASS
				RB8#0	5.59	13	PASS
				RB8#4	5.45	13	PASS
				RB8#7	5.59	13	PASS
				RB15#0	5.76	13	PASS
			MCH	RB1#0	5.11	13	PASS
				RB1#7	4.81	13	PASS
				RB1#14	5.04	13	PASS
				RB8#0	5.63	13	PASS
				RB8#4	5.55	13	PASS
				RB8#7	5.63	13	PASS
				RB15#0	5.76	13	PASS
			HCH	RB1#0	4.22	13	PASS
				RB1#7	4.55	13	PASS
				RB1#14	4.44	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB8#0	5.45	13	PASS
				RB8#4	5.41	13	PASS
				RB8#7	5.41	13	PASS
				RB15#0	5.6	13	PASS
			LCH	RB1#0	4.61	13	PASS
				RB1#13	4.37	13	PASS
				RB1#24	4.27	13	PASS
				RB12#0	5.61	13	PASS
				RB12#6	5.58	13	PASS
				RB12#13	5.7	13	PASS
				RB25#0	5.77	13	PASS
			MCH	RB1#0	4.96	13	PASS
				RB1#13	4.98	13	PASS
				RB1#24	4.7	13	PASS
				RB12#0	5.81	13	PASS
				RB12#6	5.76	13	PASS
				RB12#13	5.9	13	PASS
				RB25#0	6.06	13	PASS
			HCH	RB1#0	4.08	13	PASS
				RB1#13	4.39	13	PASS
				RB1#24	4.43	13	PASS
				RB12#0	5.16	13	PASS
				RB12#6	5.26	13	PASS
				RB12#13	5.59	13	PASS
				RB25#0	5.48	13	PASS
		10	LCH	RB1#0	4.45	13	PASS
				RB1#25	4.33	13	PASS
				RB1#49	5.01	13	PASS
				RB25#0	5.4	13	PASS
				RB25#13	5.4	13	PASS
				RB25#25	5.85	13	PASS
				RB50#0	5.88	13	PASS
			MCH	RB1#0	4.72	13	PASS
				RB1#25	4.62	13	PASS
				RB1#49	4.48	13	PASS
				RB25#0	6.01	13	PASS
				RB25#13	5.86	13	PASS
				RB25#25	6.15	13	PASS
				RB50#0	6.16	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.81	13	PASS
				RB1#25	3.51	13	PASS
				RB1#49	4.64	13	PASS
				RB25#0	5.28	13	PASS
				RB25#13	5.06	13	PASS
				RB25#25	5.27	13	PASS
				RB50#0	5.58	13	PASS
			LCH	RB1#0	4.53	13	PASS
				RB1#38	4.77	13	PASS
				RB1#74	4.37	13	PASS
				RB38#0	5.85	13	PASS
				RB38#19	5.98	13	PASS
				RB38#39	6.15	13	PASS
				RB75#0	6.33	13	PASS
		15	MCH	RB1#0	4.57	13	PASS
				RB1#38	4.83	13	PASS
				RB1#74	4.26	13	PASS
				RB38#0	6.07	13	PASS
				RB38#19	5.96	13	PASS
				RB38#39	6.09	13	PASS
				RB75#0	6.34	13	PASS
			HCH	RB1#0	4.84	13	PASS
				RB1#38	4.08	13	PASS
				RB1#74	4.57	13	PASS
				RB38#0	6.23	13	PASS
				RB38#19	5.6	13	PASS
				RB38#39	5.54	13	PASS
				RB75#0	5.86	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.45	13	PASS
				RB1#3	5.3	13	PASS
				RB1#5	5.38	13	PASS
				RB3#0	5.75	13	PASS
				RB3#2	5.56	13	PASS
				RB3#3	5.68	13	PASS
				RB6#0	6.15	13	PASS
			MCH	RB1#0	5.72	13	PASS
				RB1#3	5.69	13	PASS
				RB1#5	5.66	13	PASS
				RB3#0	6.12	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB3#2	6.07	13	PASS
				RB3#3	6.21	13	PASS
				RB6#0	6.24	13	PASS
			HCH	RB1#0	5.41	13	PASS
				RB1#3	5.17	13	PASS
				RB1#5	5.47	13	PASS
				RB3#0	5.87	13	PASS
				RB3#2	5.74	13	PASS
				RB3#3	5.85	13	PASS
				RB6#0	6.25	13	PASS
		3	LCH	RB1#0	5.65	13	PASS
				RB1#7	5.35	13	PASS
				RB1#14	5.61	13	PASS
				RB8#0	5.94	13	PASS
				RB8#4	5.8	13	PASS
				RB8#7	5.96	13	PASS
				RB15#0	6.03	13	PASS
			MCH	RB1#0	5.85	13	PASS
				RB1#7	5.75	13	PASS
				RB1#14	5.96	13	PASS
				RB8#0	6.22	13	PASS
				RB8#4	6.29	13	PASS
				RB8#7	6.18	13	PASS
				RB15#0	6.27	13	PASS
			HCH	RB1#0	4.88	13	PASS
				RB1#7	5.1	13	PASS
				RB1#14	5.23	13	PASS
				RB8#0	5.87	13	PASS
				RB8#4	5.96	13	PASS
				RB8#7	5.89	13	PASS
				RB15#0	6.4	13	PASS
		5	LCH	RB1#0	5.36	13	PASS
				RB1#13	5.15	13	PASS
				RB1#24	5	13	PASS
				RB12#0	5.91	13	PASS
				RB12#6	5.82	13	PASS
				RB12#13	5.96	13	PASS
				RB25#0	6.4	13	PASS
			MCH	RB1#0	5.65	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#13	5.67	13	PASS
				RB1#24	5.43	13	PASS
				RB12#0	6.18	13	PASS
				RB12#6	6.18	13	PASS
				RB12#13	6.44	13	PASS
				RB25#0	6.54	13	PASS
			HCH	RB1#0	4.48	13	PASS
				RB1#13	5.09	13	PASS
				RB1#24	5.08	13	PASS
				RB12#0	5.51	13	PASS
				RB12#6	5.66	13	PASS
				RB12#13	6.19	13	PASS
				RB25#0	6.15	13	PASS
		10	LCH	RB1#0	5.29	13	PASS
				RB1#25	5.39	13	PASS
				RB1#49	5.66	13	PASS
				RB25#0	5.81	13	PASS
				RB25#13	5.9	13	PASS
				RB25#25	6.22	13	PASS
			MCH	RB50#0	6.49	13	PASS
				RB1#0	5.5	13	PASS
				RB1#25	5.19	13	PASS
				RB1#49	5.1	13	PASS
				RB25#0	6.43	13	PASS
				RB25#13	6.34	13	PASS
				RB25#25	6.68	13	PASS
				RB50#0	6.84	13	PASS
		15	HCH	RB1#0	5.41	13	PASS
				RB1#25	4.13	13	PASS
				RB1#49	5.81	13	PASS
				RB25#0	5.52	13	PASS
				RB25#13	5.2	13	PASS
				RB25#25	5.59	13	PASS
			LCH	RB50#0	6.07	13	PASS
				RB1#0	5.25	13	PASS
				RB1#38	6.18	13	PASS
				RB1#74	5.27	13	PASS
				RB38#0	6.19	13	PASS
				RB38#19	6.44	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#39	6.48	13	PASS
				RB75#0	6.9	13	PASS
			MCH	RB1#0	5.12	13	PASS
				RB1#38	6.29	13	PASS
				RB1#74	5.09	13	PASS
				RB38#0	6.52	13	PASS
				RB38#19	6.5	13	PASS
				RB38#39	6.46	13	PASS
				RB75#0	6.9	13	PASS
			HCH	RB1#0	5.18	13	PASS
				RB1#38	4.68	13	PASS
				RB1#74	4.81	13	PASS
				RB38#0	6.52	13	PASS
				RB38#19	5.82	13	PASS
				RB38#39	5.79	13	PASS
				RB75#0	6.65	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

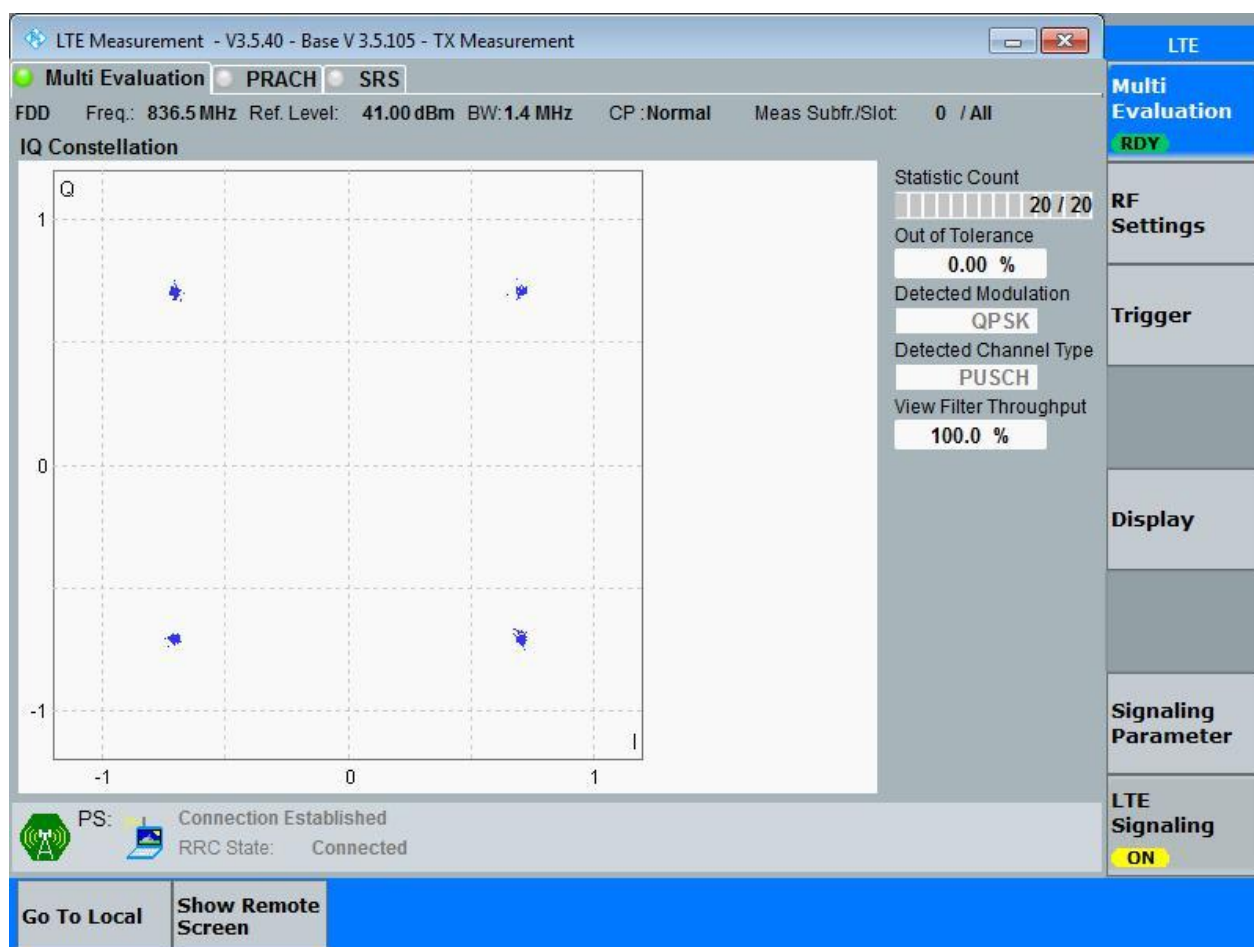
3.1.1 Test Band = BAND26

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

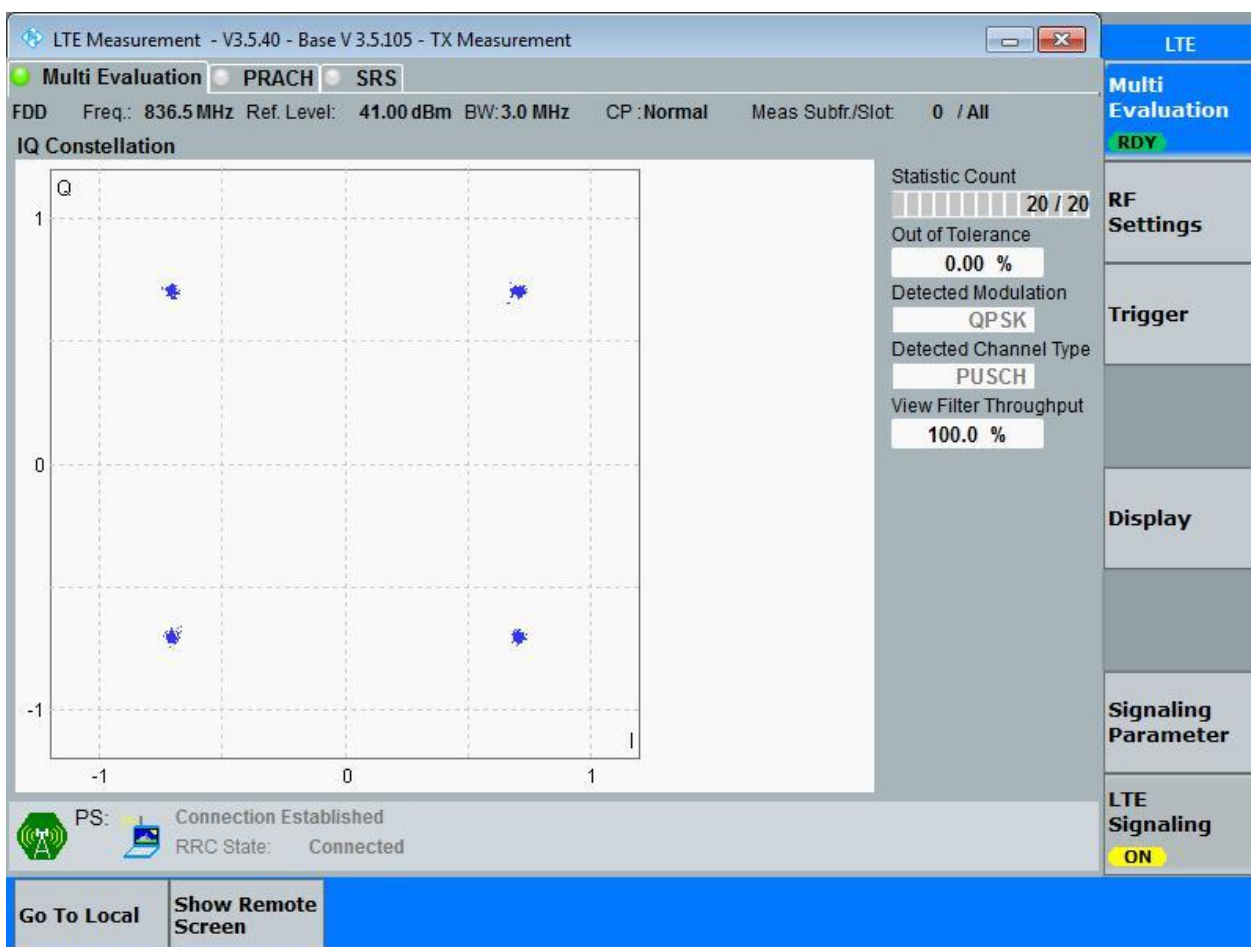
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

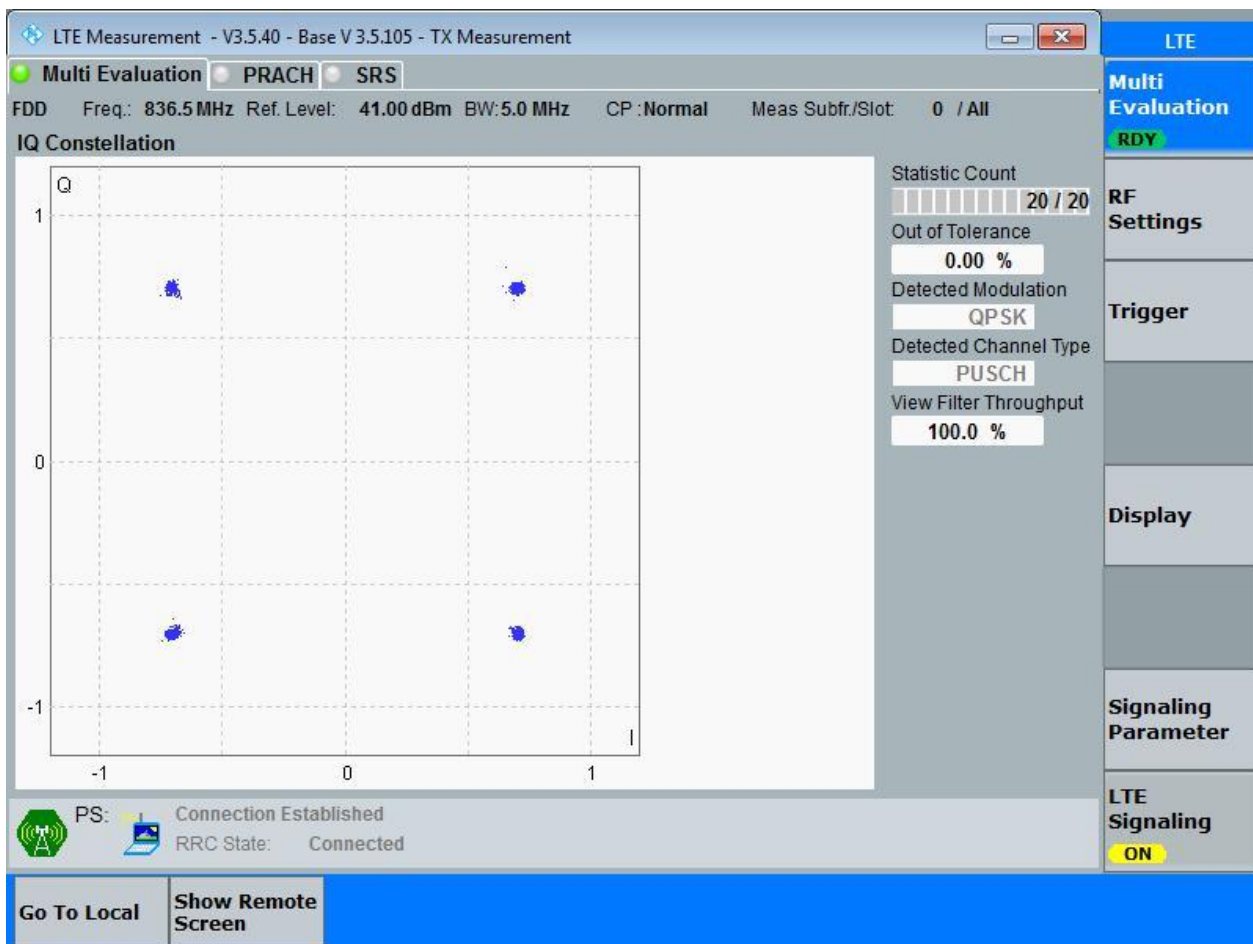
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

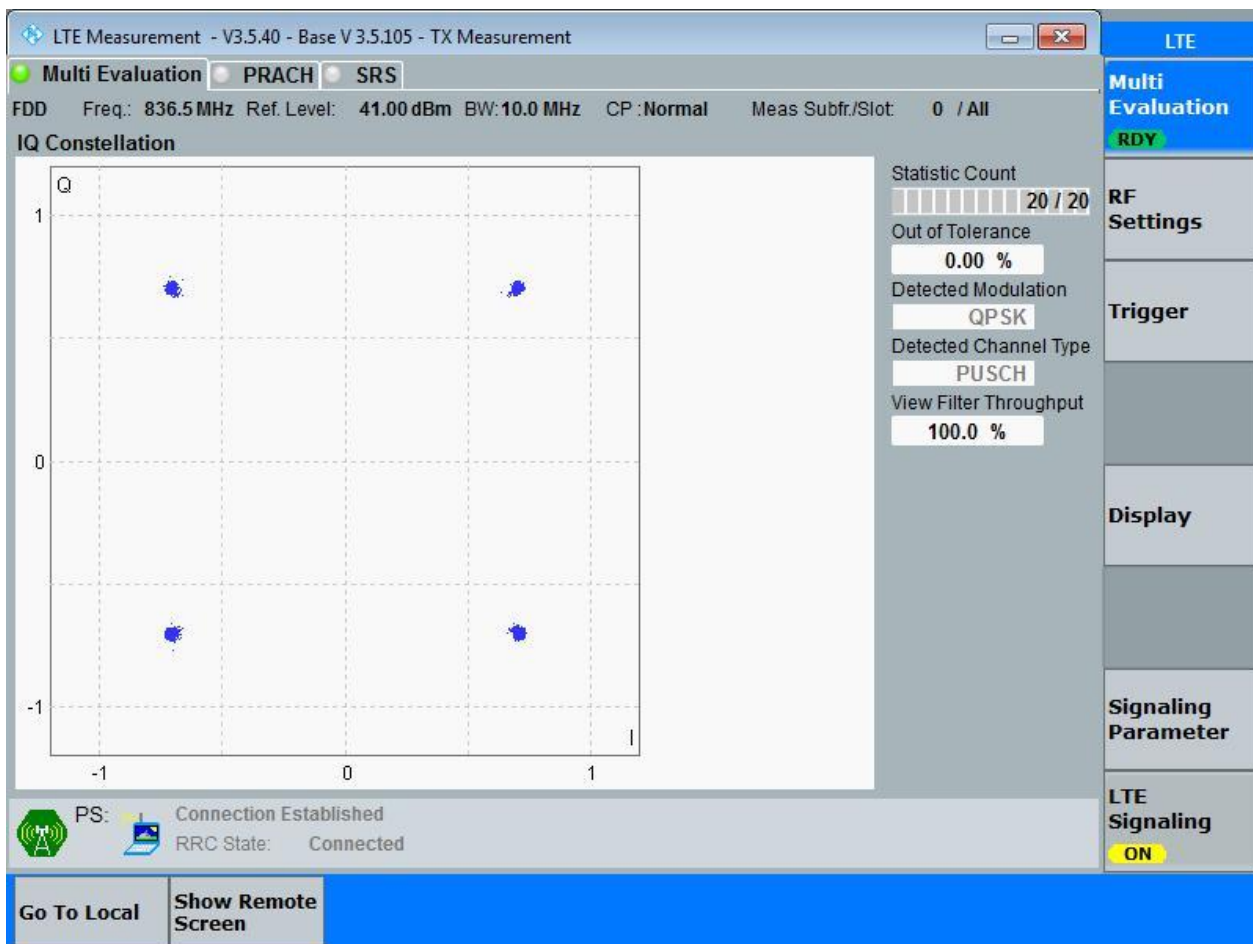
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

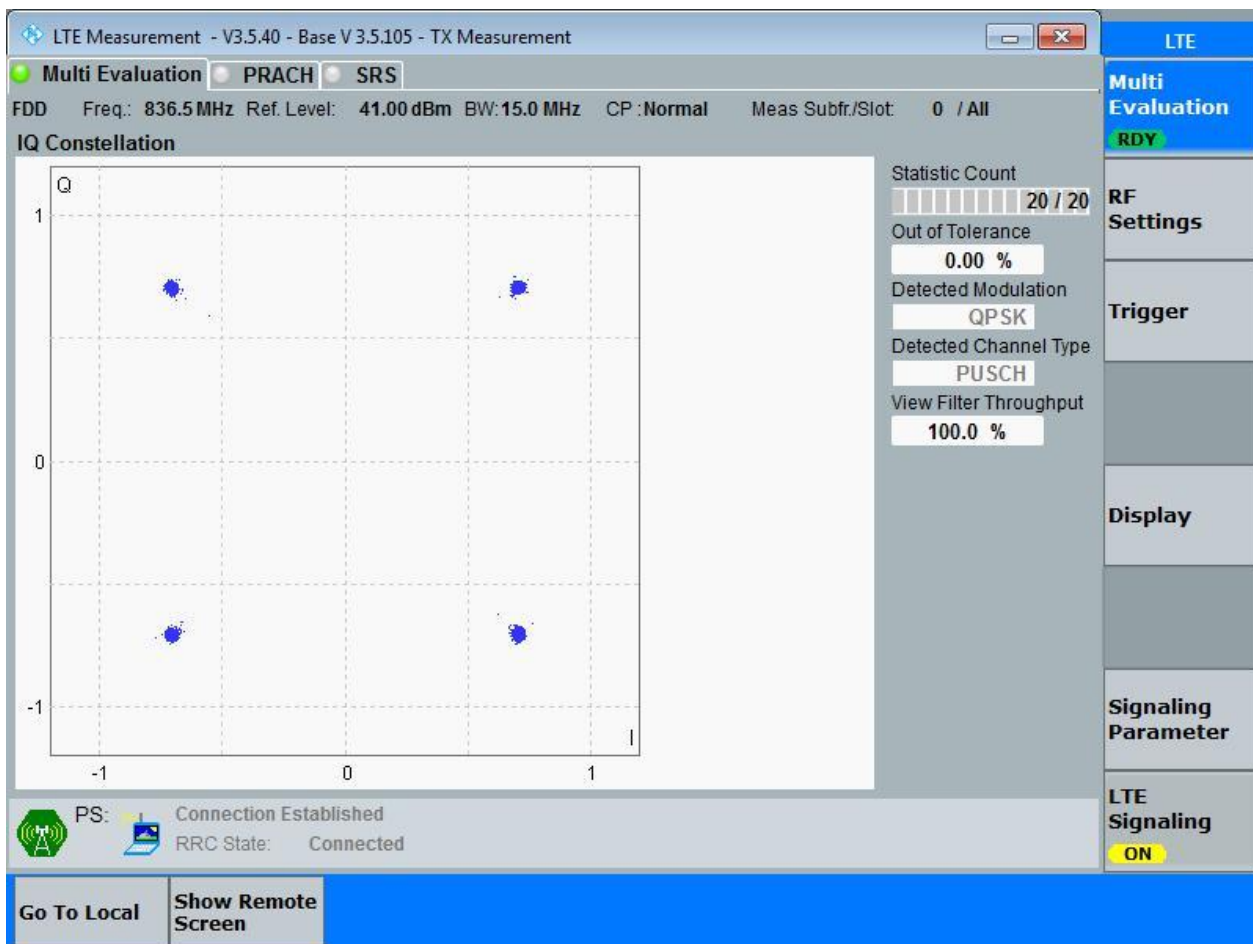
3.1.1.1.4.1.1 Test RB = RB50#0



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

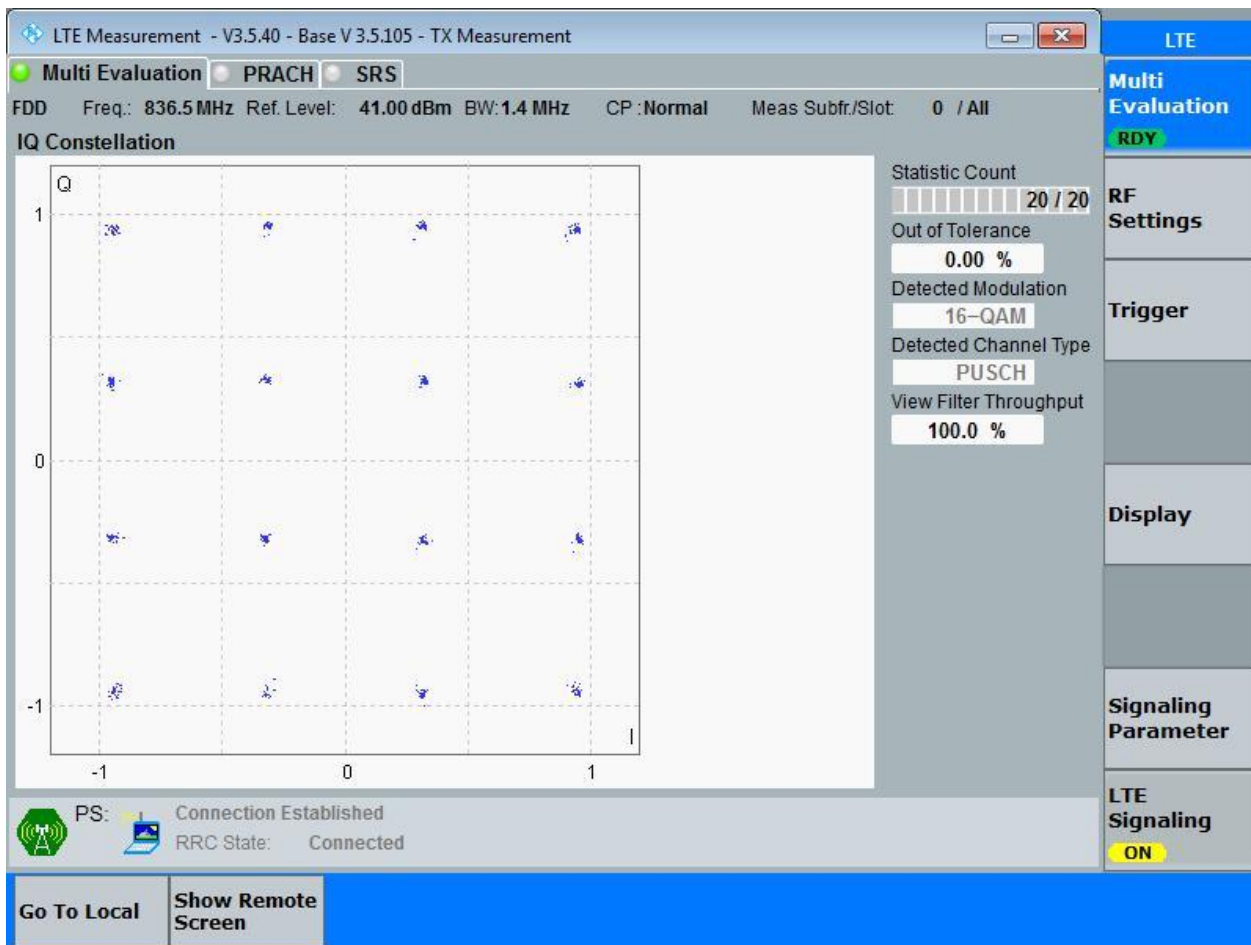


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

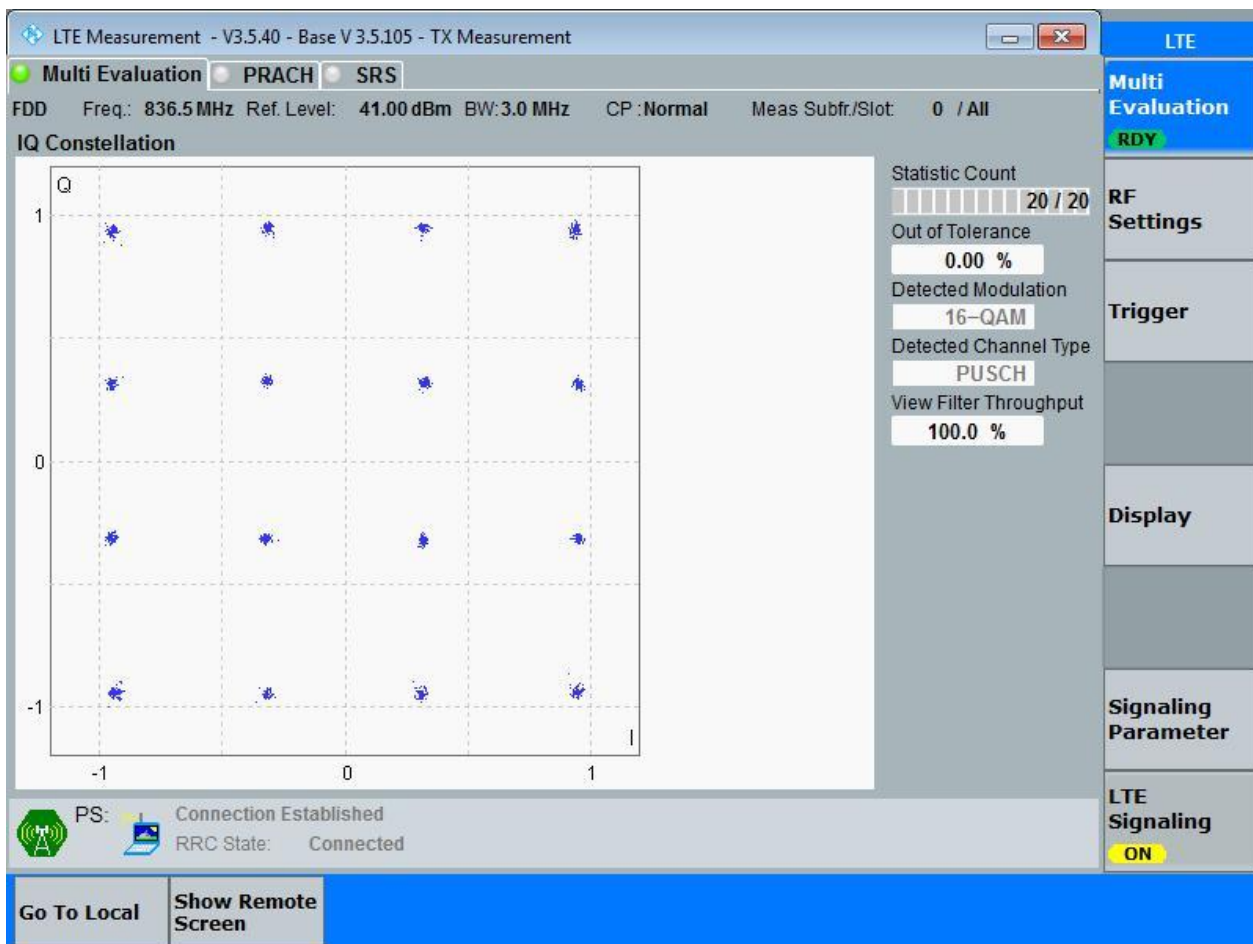
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

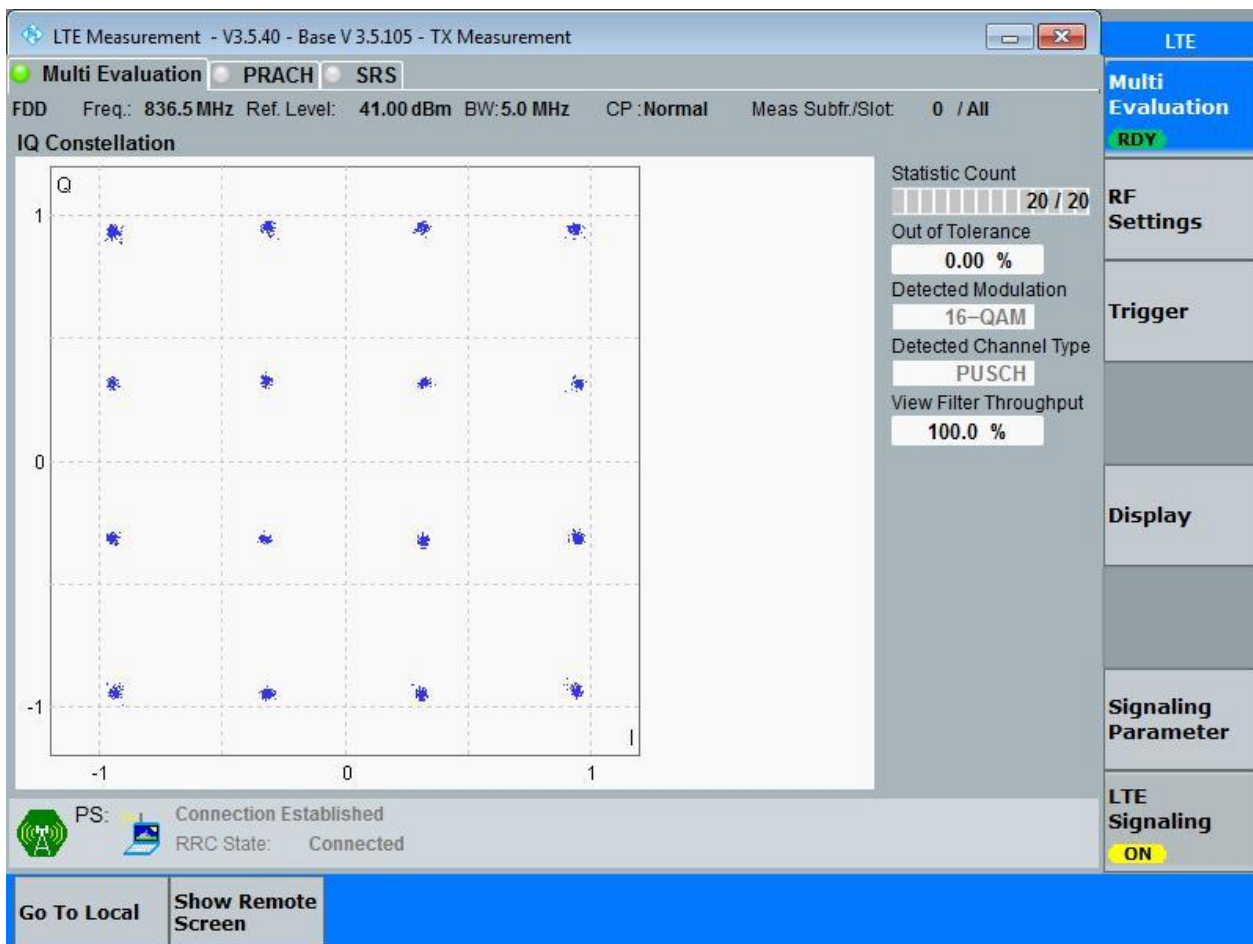
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

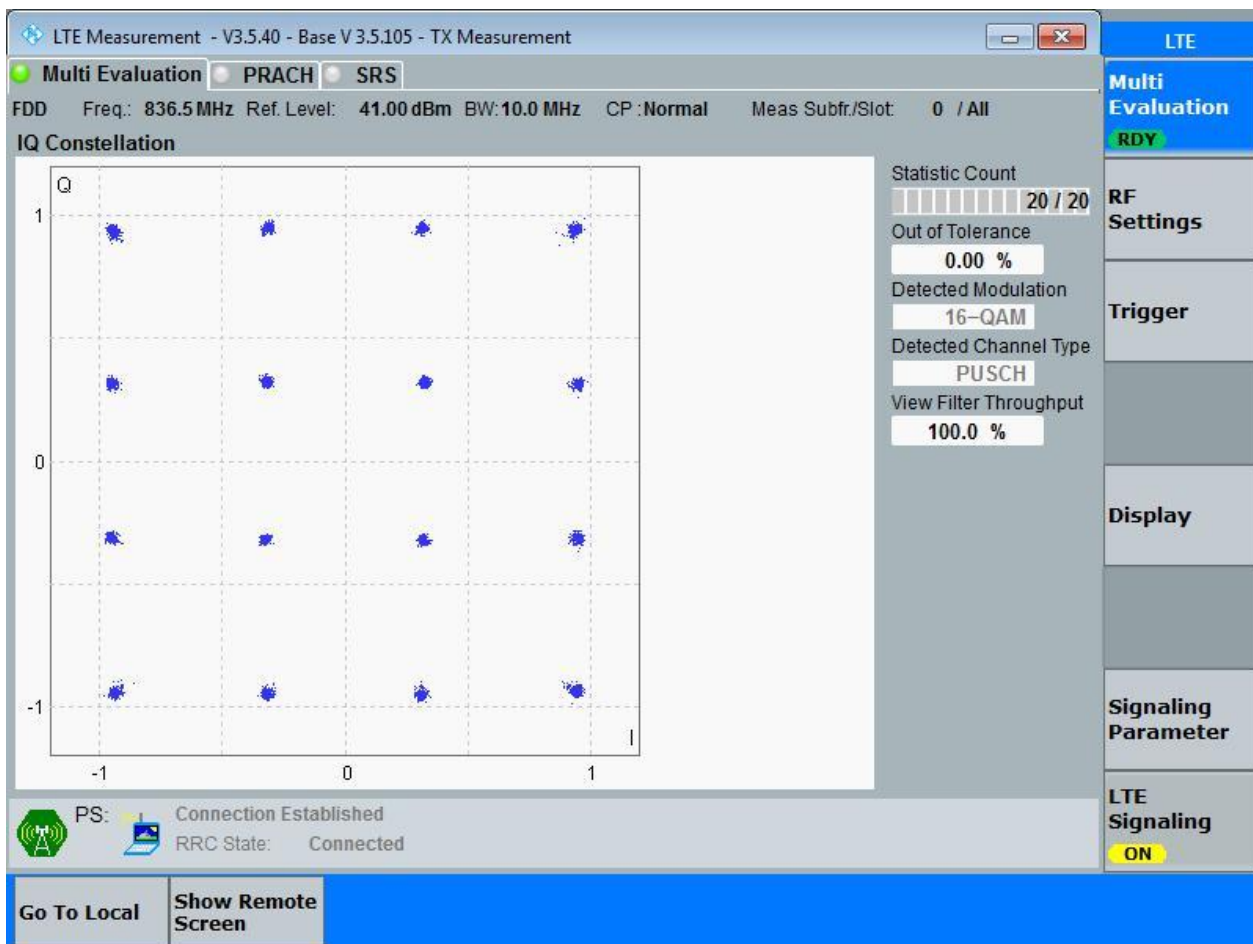
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

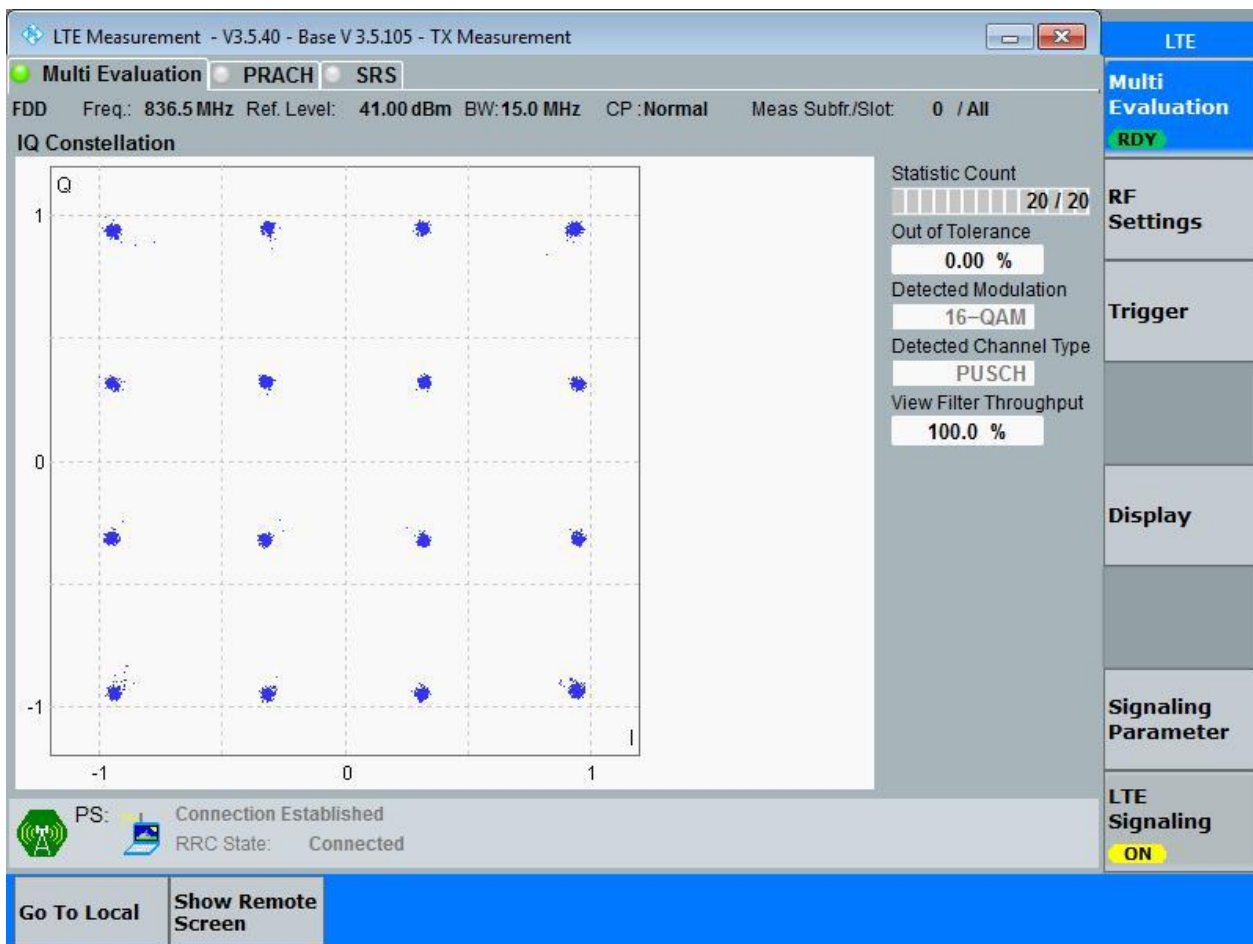
3.1.1.2.4.1.1 Test RB = RB50#0



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





4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND26	LTE/TM1	1.4	LCH	RB6#0	1.10	1.25	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.71	2.96	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.51	4.94	Pass
		10	LCH	RB50#0	8.99	9.91	Pass
			MCH	RB50#0	9.03	9.95	Pass
			HCH	RB50#0	8.94	9.83	Pass
		15	LCH	RB75#0	13.51	14.94	Pass
			MCH	RB75#0	13.56	15.07	Pass
			HCH	RB75#0	13.39	14.82	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.52	4.99	Pass
			HCH	RB25#0	4.52	4.99	Pass
		10	LCH	RB50#0	8.99	9.89	Pass
			MCH	RB50#0	9.05	9.97	Pass
			HCH	RB50#0	8.93	9.82	Pass
		15	LCH	RB75#0	13.52	15.02	Pass
			MCH	RB75#0	13.58	15.12	Pass
			HCH	RB75#0	13.41	14.79	Pass



Part II - Test Plots

4.1 For LTE

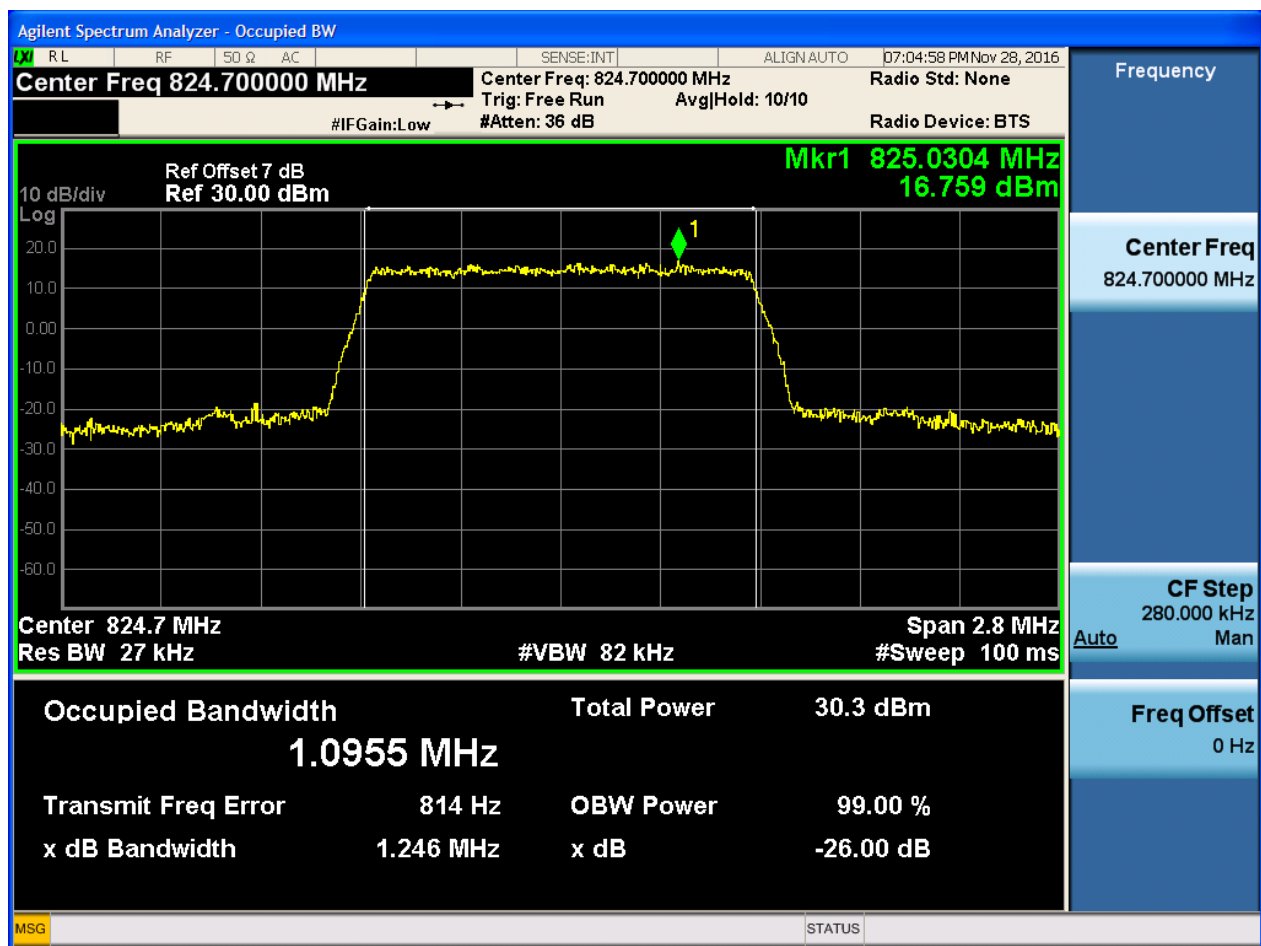
4.1.3 Test Band = BAND26

4.1.3.1 Test Mode = LTE/TM1

4.1.3.1.1 Test Bandwidth = 1.4

4.1.3.1.1.1 Test Channel = LCH

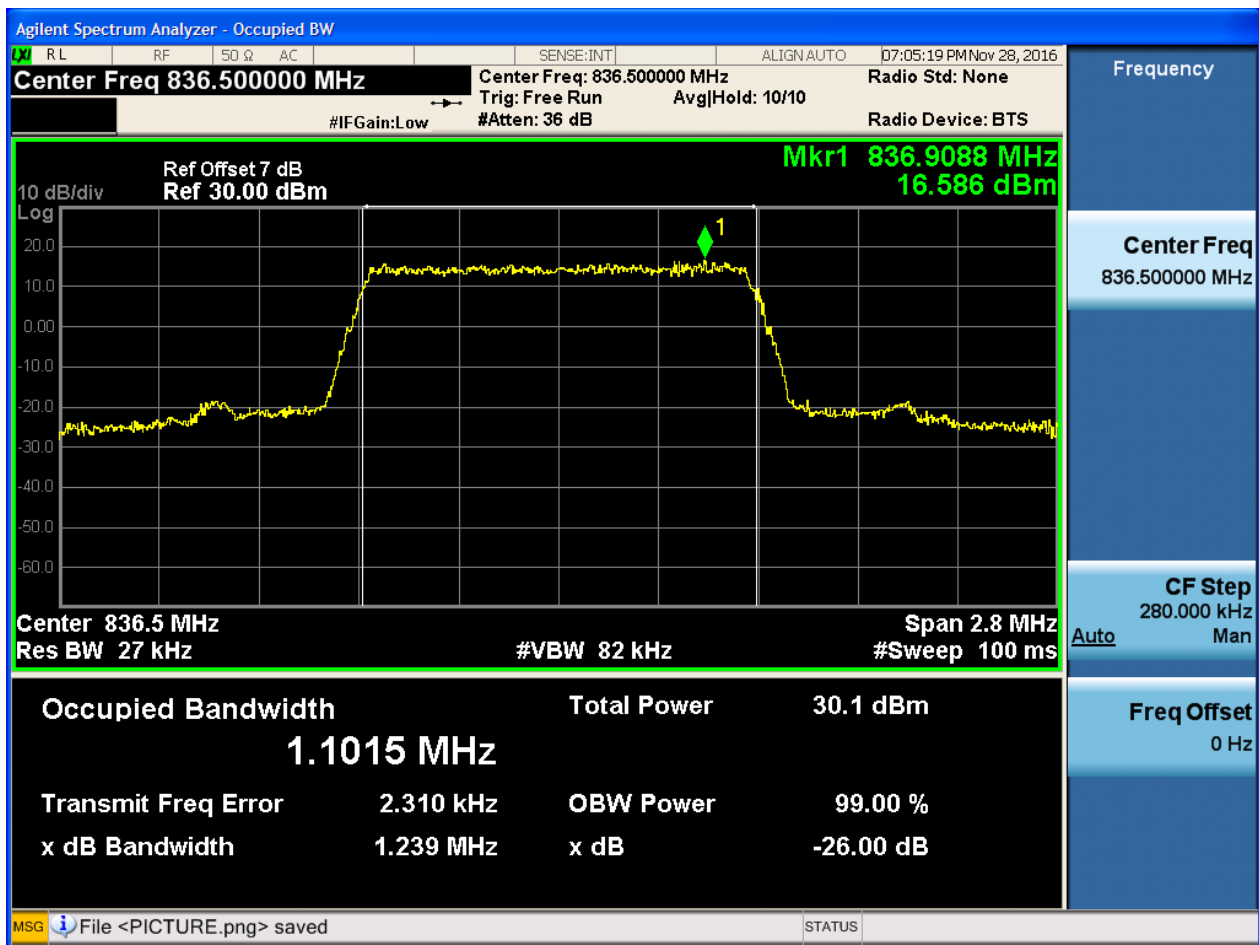
4.1.3.1.1.1.1 Test RB = RB6#0





4.1.3.1.1.2 Test Channel = MCH

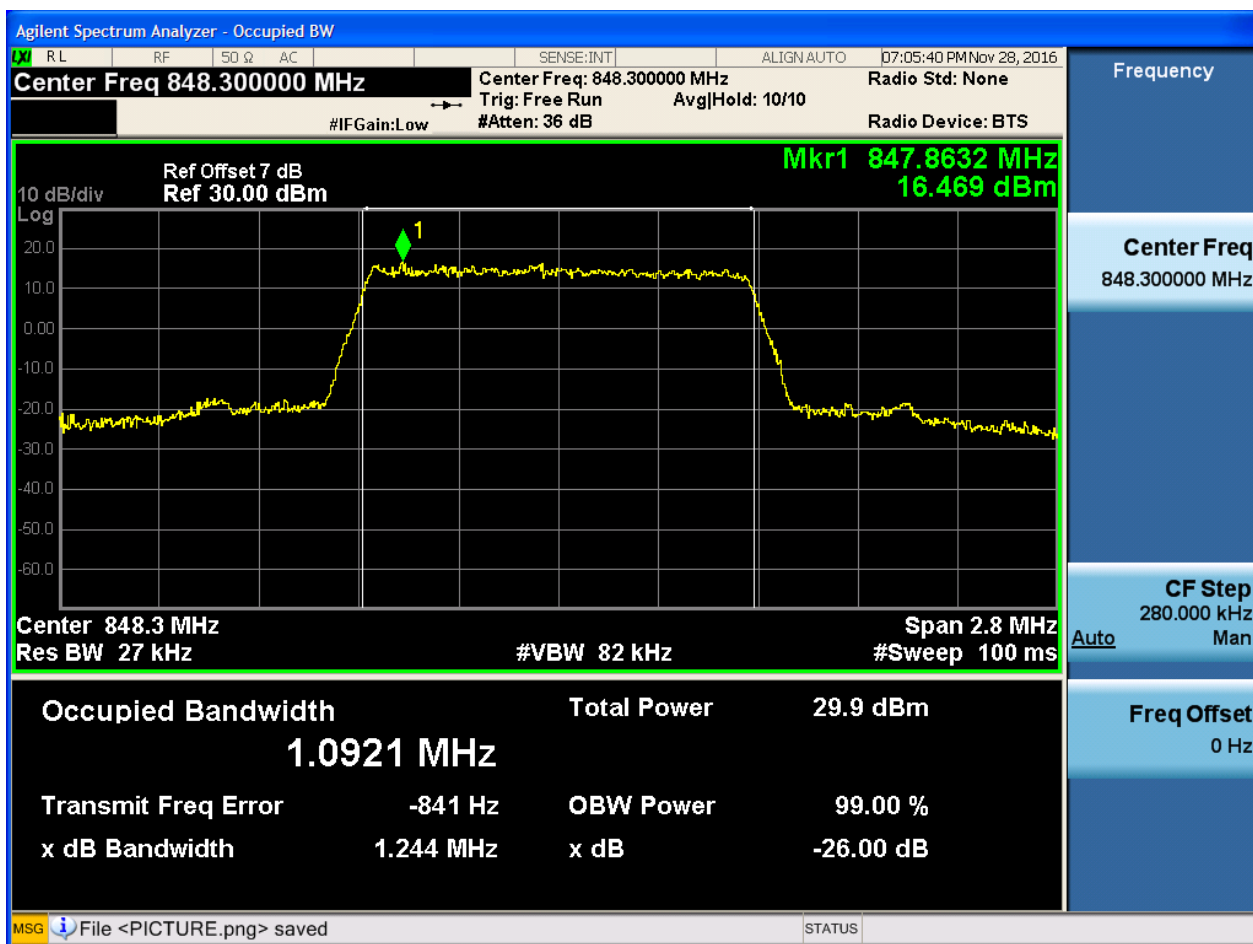
4.1.3.1.1.2.1 Test RB = RB6#0





4.1.3.1.1.3 Test Channel = HCH

4.1.3.1.1.3.1 Test RB = RB6#0

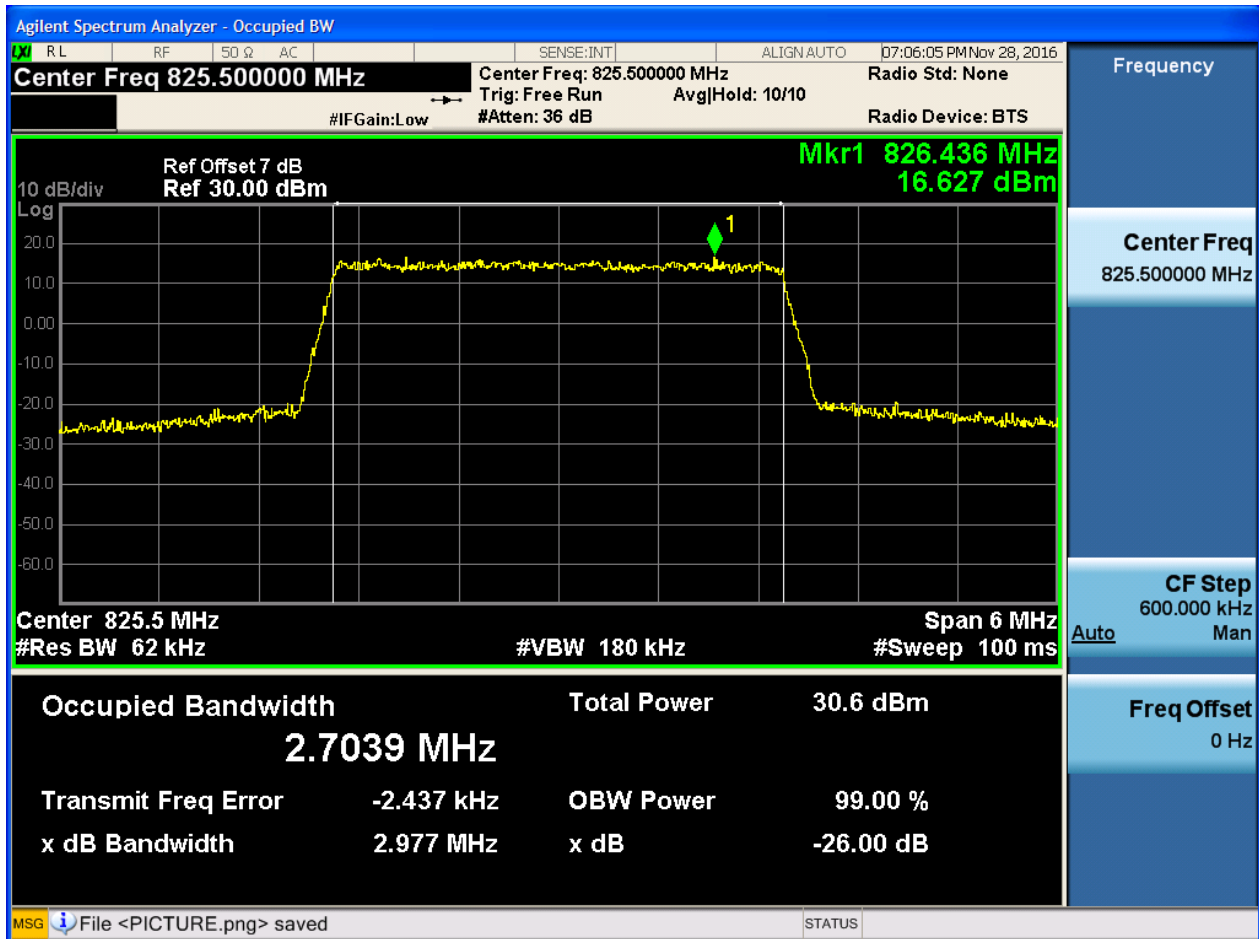




4.1.3.1.2 Test Bandwidth = 3

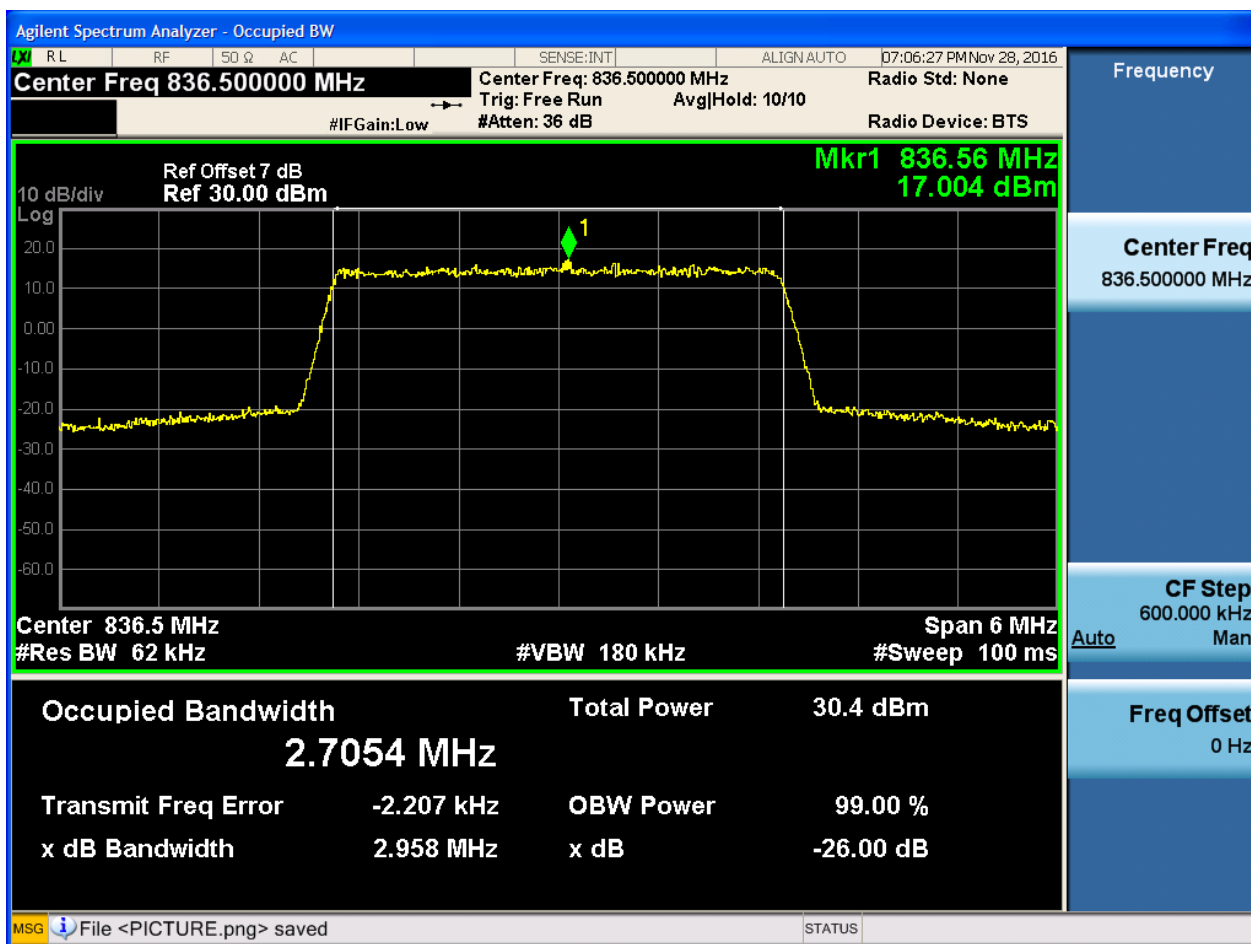
4.1.3.1.2.1 Test Channel = LCH

4.1.3.1.2.1.1 Test RB = RB15#0



4.1.3.1.2.2 Test Channel = MCH

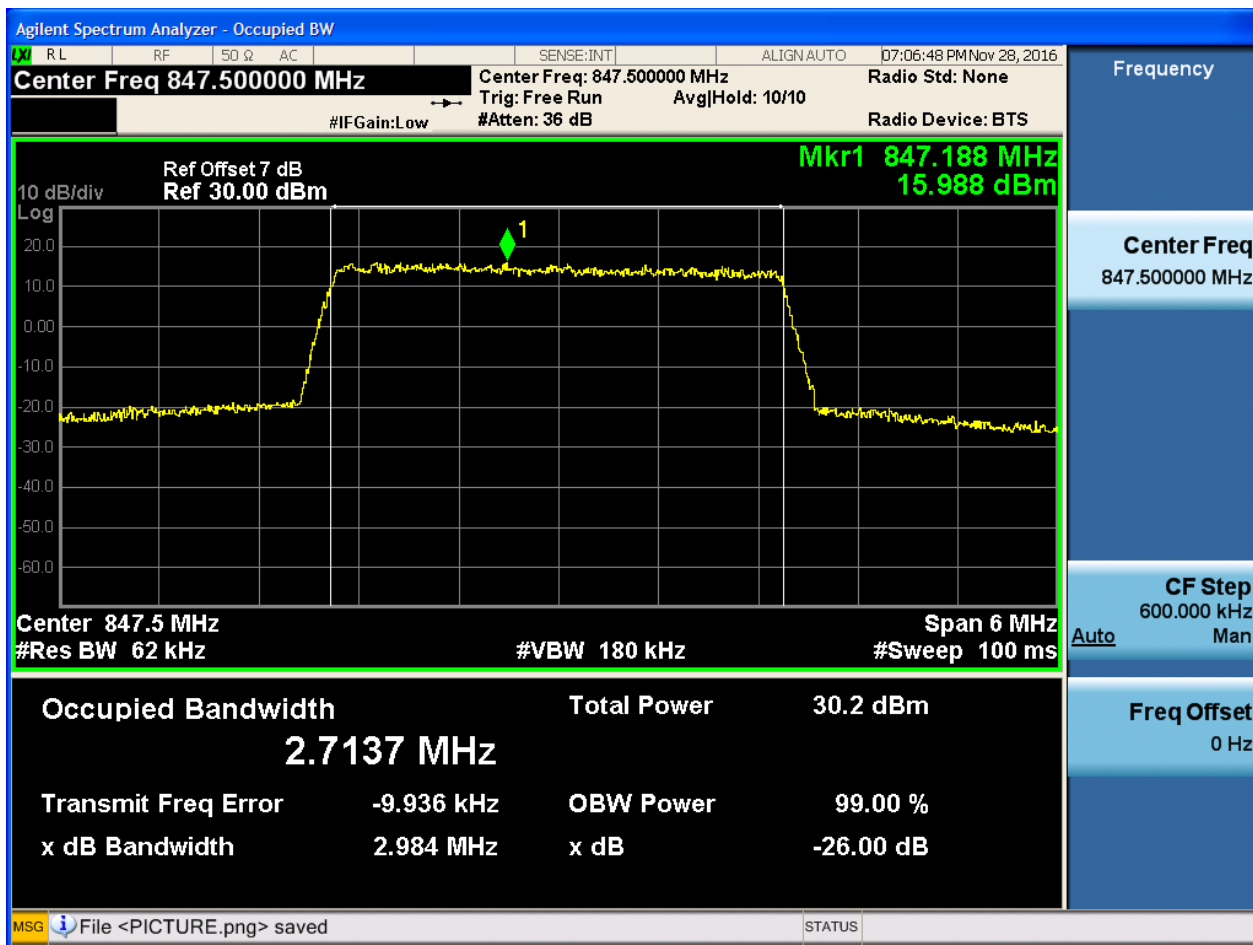
4.1.3.1.2.2.1 Test RB = RB15#0





4.1.3.1.2.3 Test Channel = HCH

4.1.3.1.2.3.1 Test RB = RB15#0

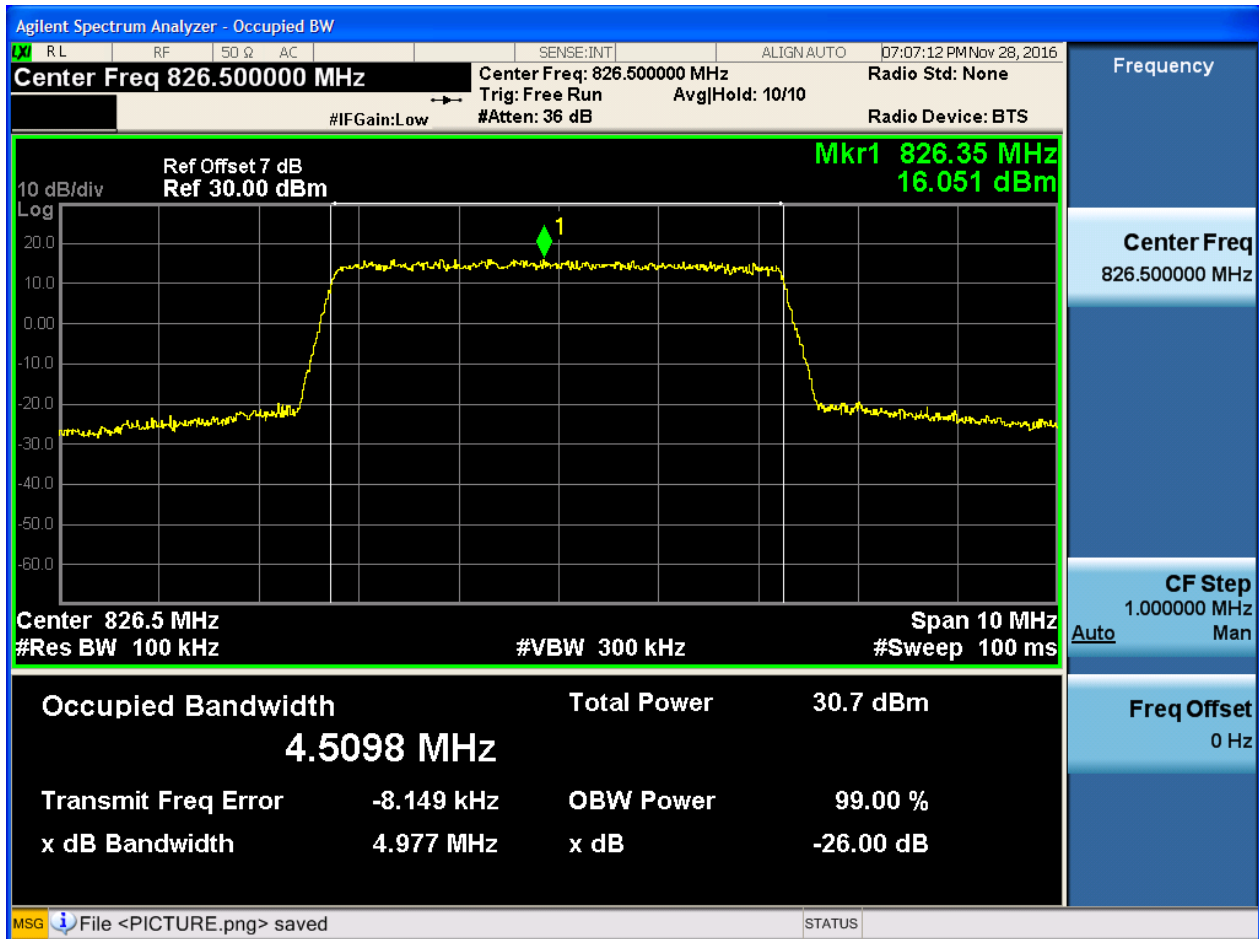




4.1.3.1.3 Test Bandwidth = 5

4.1.3.1.3.1 Test Channel = LCH

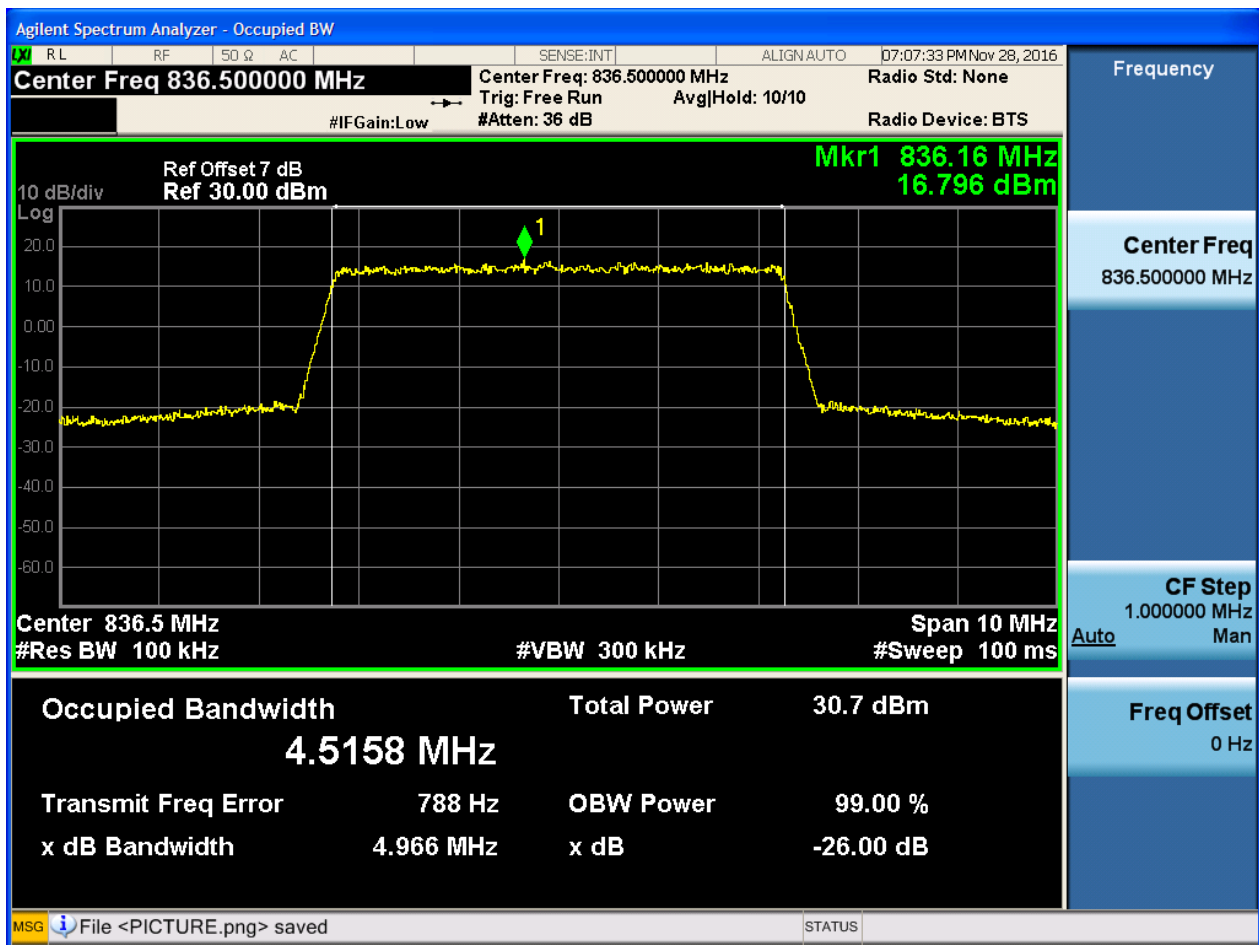
4.1.3.1.3.1.1 Test RB = RB25#0





4.1.3.1.3.2 Test Channel = MCH

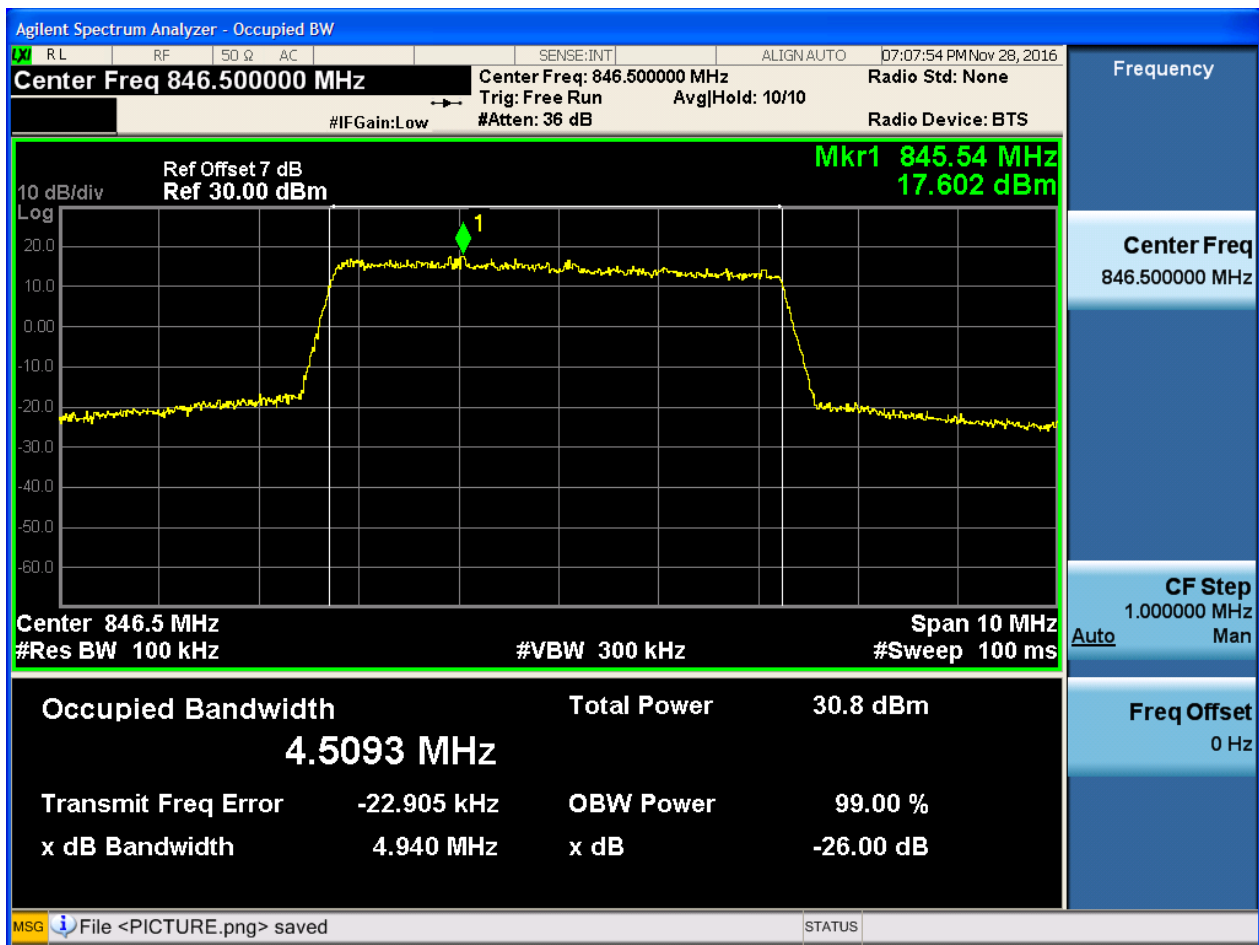
4.1.3.1.3.2.1 Test RB = RB25#0





4.1.3.1.3.3 Test Channel = HCH

4.1.3.1.3.3.1 Test RB = RB25#0

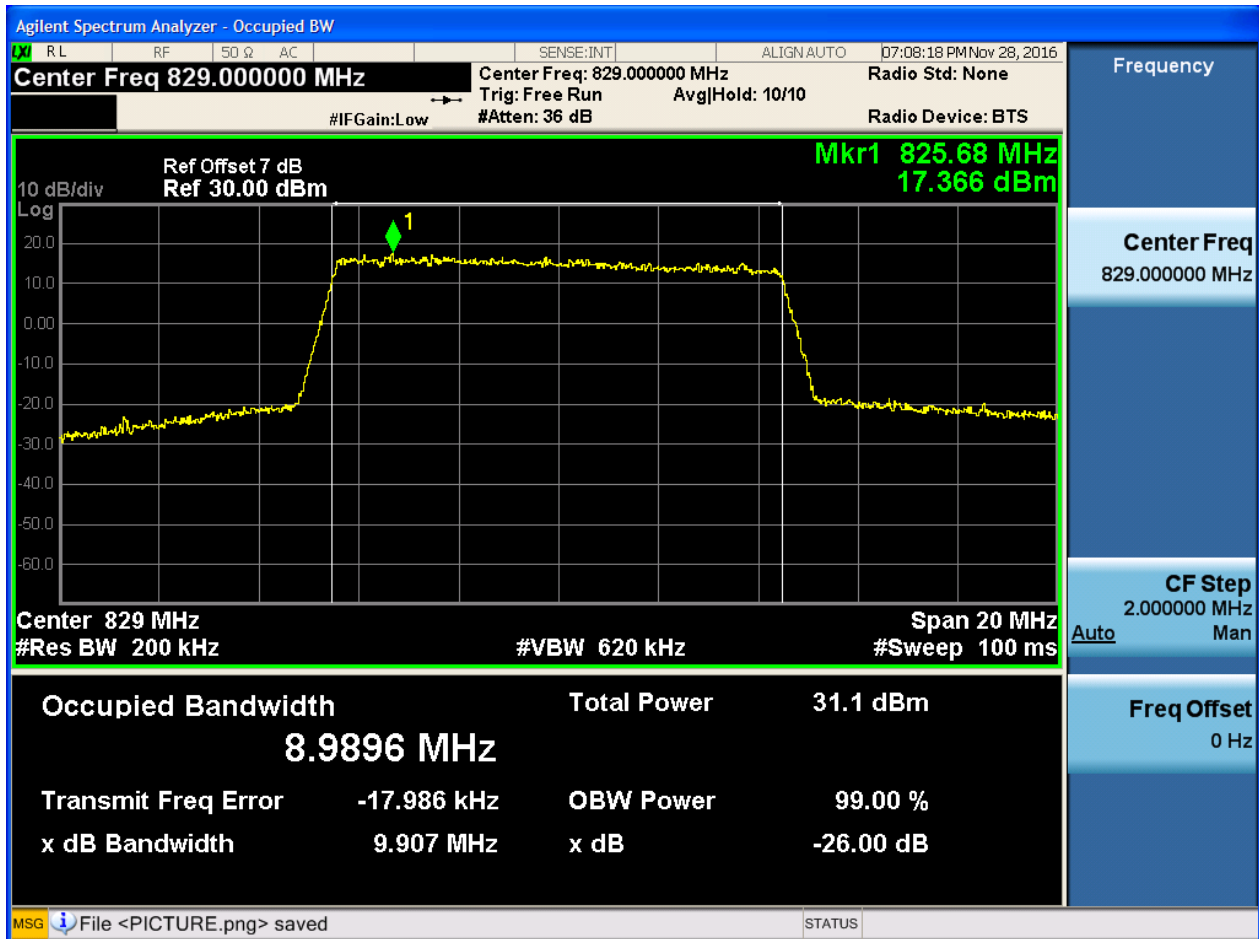




4.1.3.1.4 Test Bandwidth = 10

4.1.3.1.4.1 Test Channel = LCH

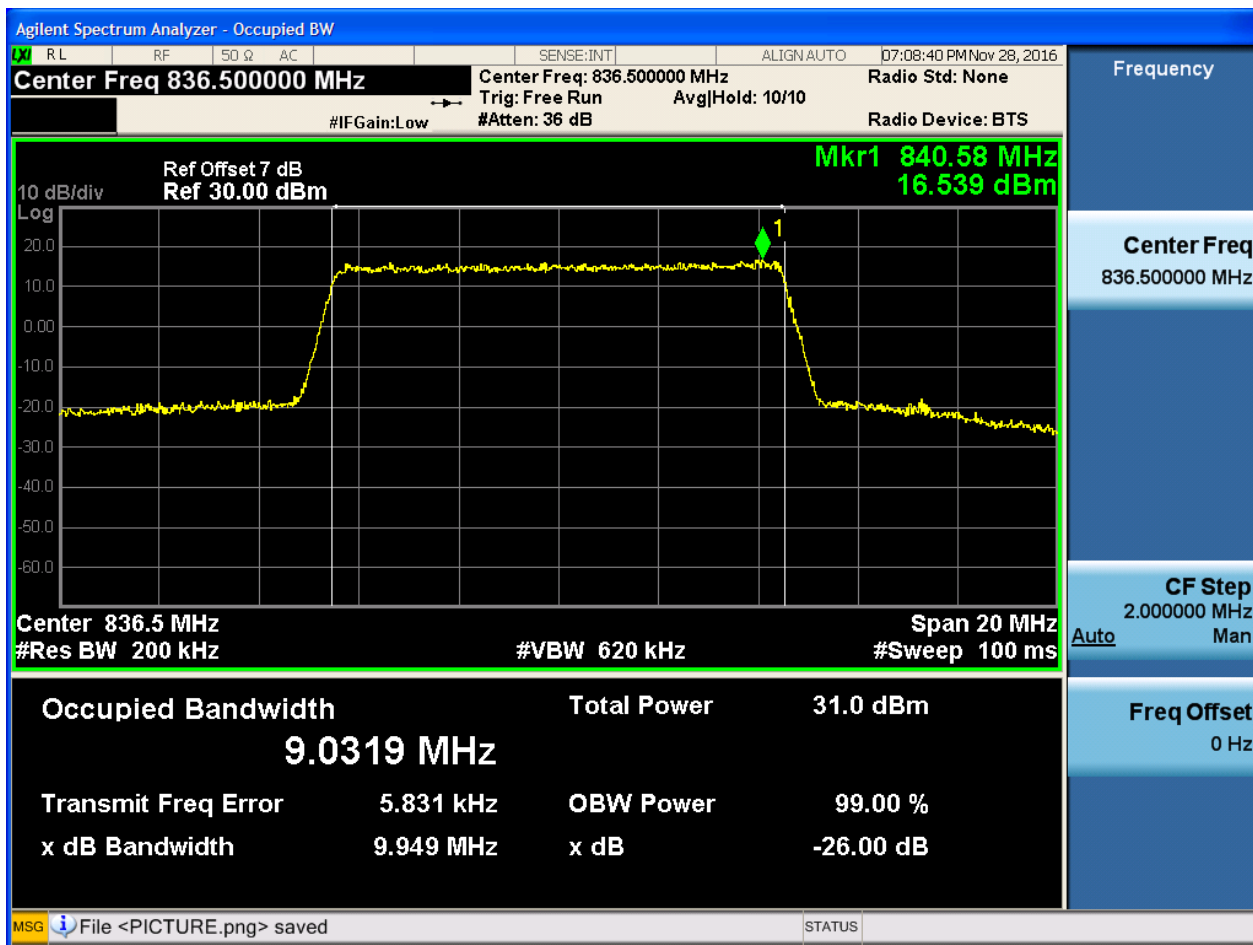
4.1.3.1.4.1.1 Test RB = RB50#0





4.1.3.1.4.2 Test Channel = MCH

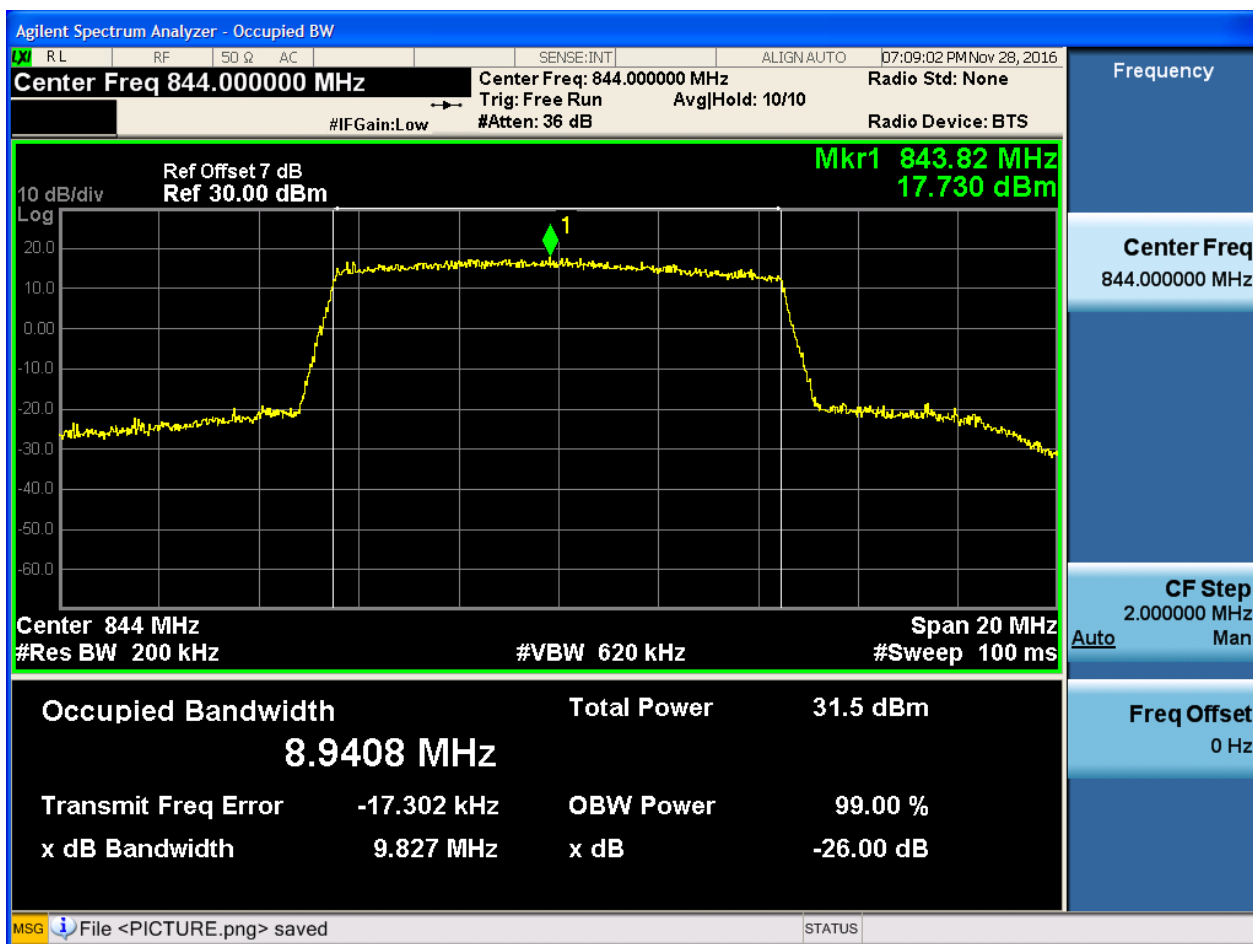
4.1.3.1.4.2.1 Test RB = RB50#0





4.1.3.1.4.3 Test Channel = HCH

4.1.3.1.4.3.1 Test RB = RB50#0

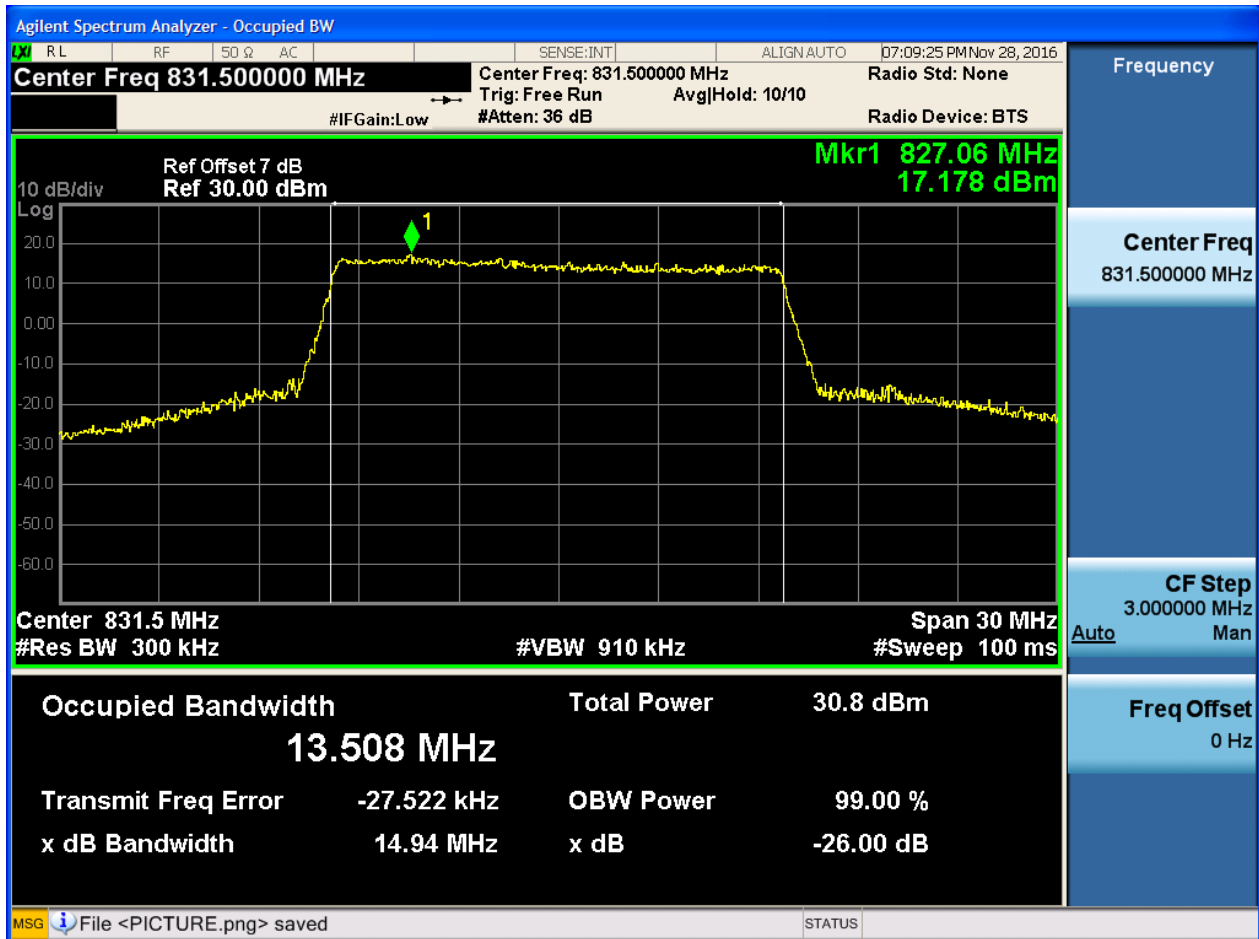




4.1.3.1.5 Test Bandwidth = 15

4.1.3.1.5.1 Test Channel = LCH

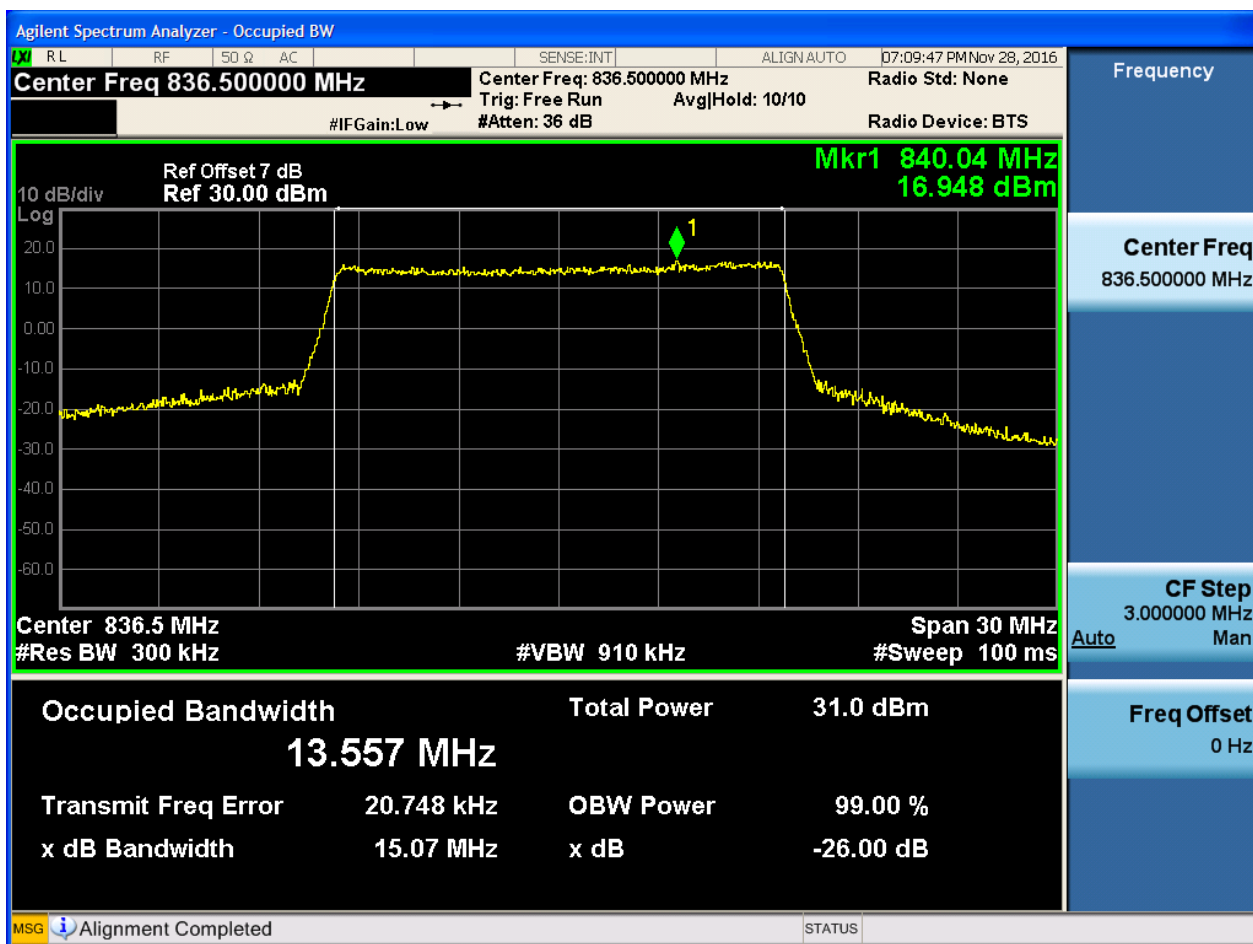
4.1.3.1.5.1.1 Test RB = RB75#0





4.1.3.1.5.2 Test Channel = MCH

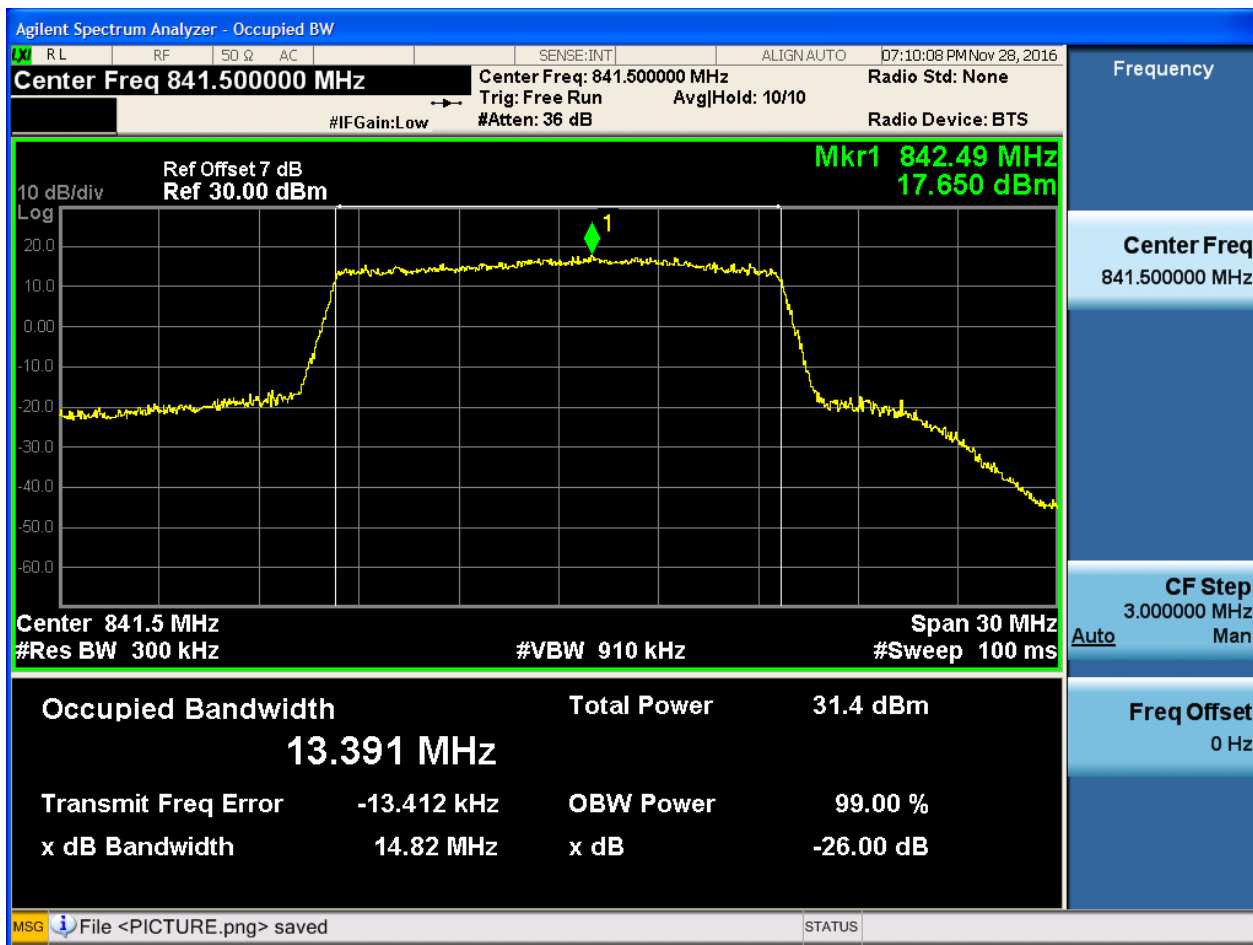
4.1.3.1.5.2.1 Test RB = RB75#0





4.1.3.1.5.3 Test Channel = HCH

4.1.3.1.5.3.1 Test RB = RB75#0



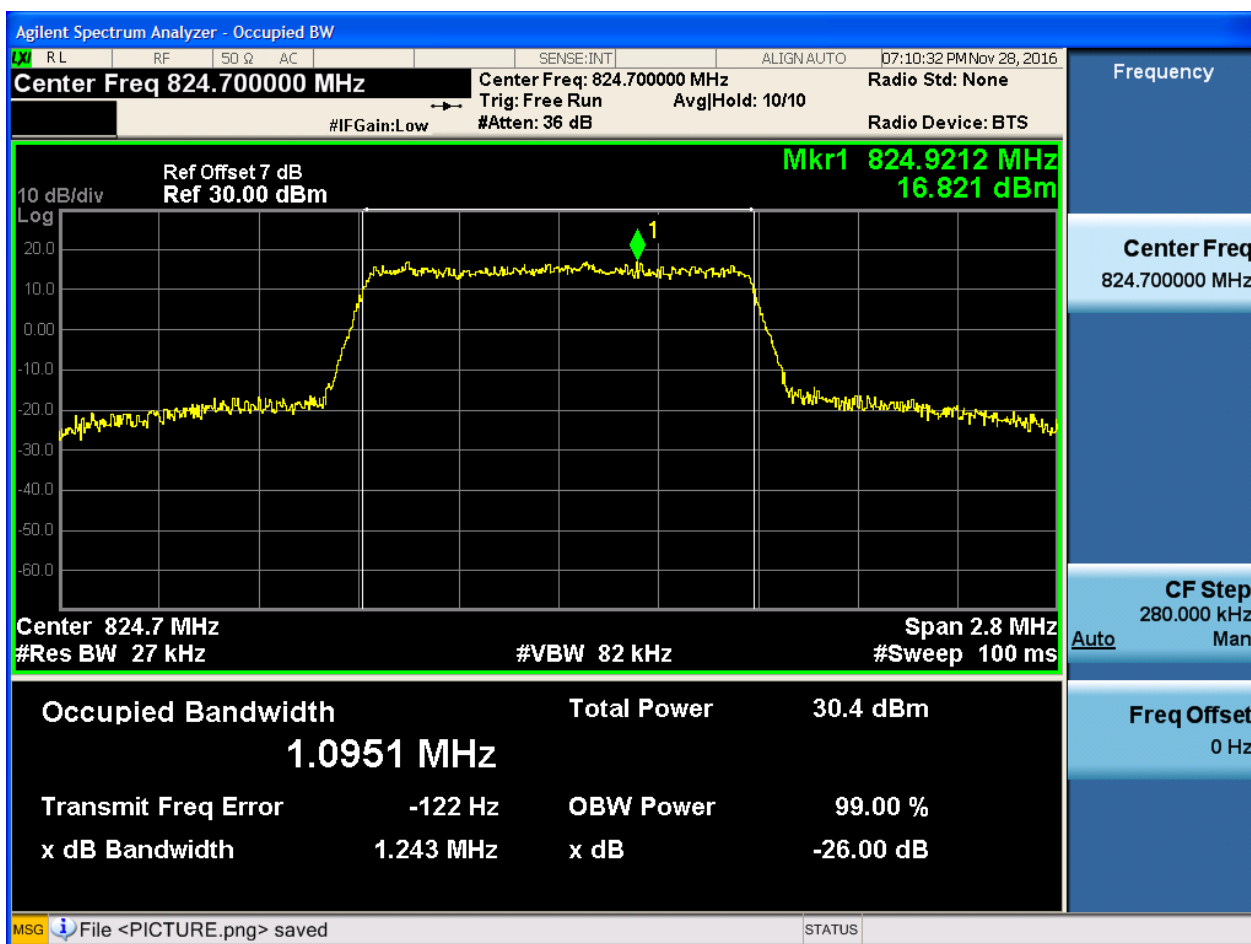


4.1.3.2 Test Mode = LTE/TM2

4.1.3.2.1 Test Bandwidth = 1.4

4.1.3.2.1.1 Test Channel = LCH

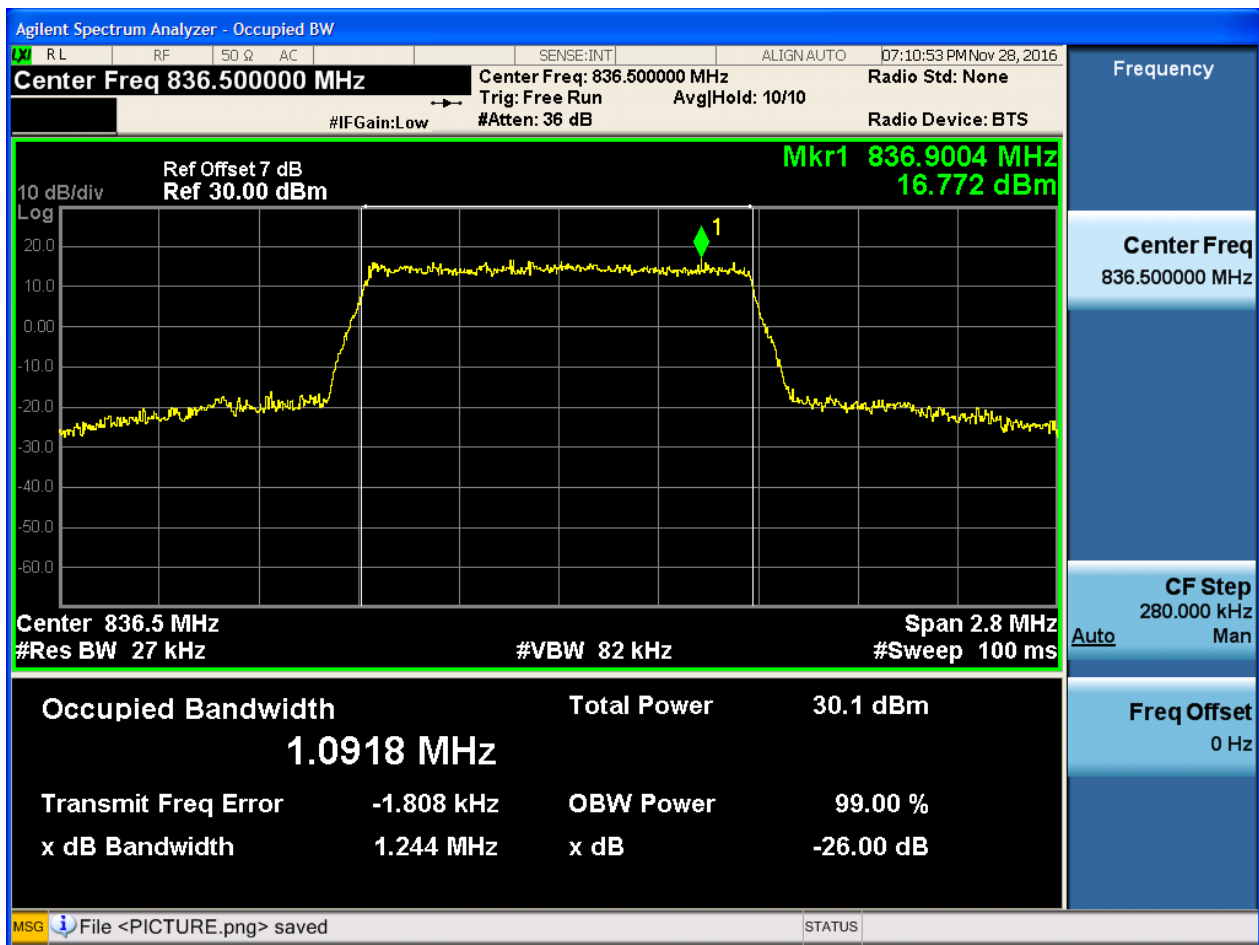
4.1.3.2.1.1.1 Test RB = RB6#0





4.1.3.2.1.2 Test Channel = MCH

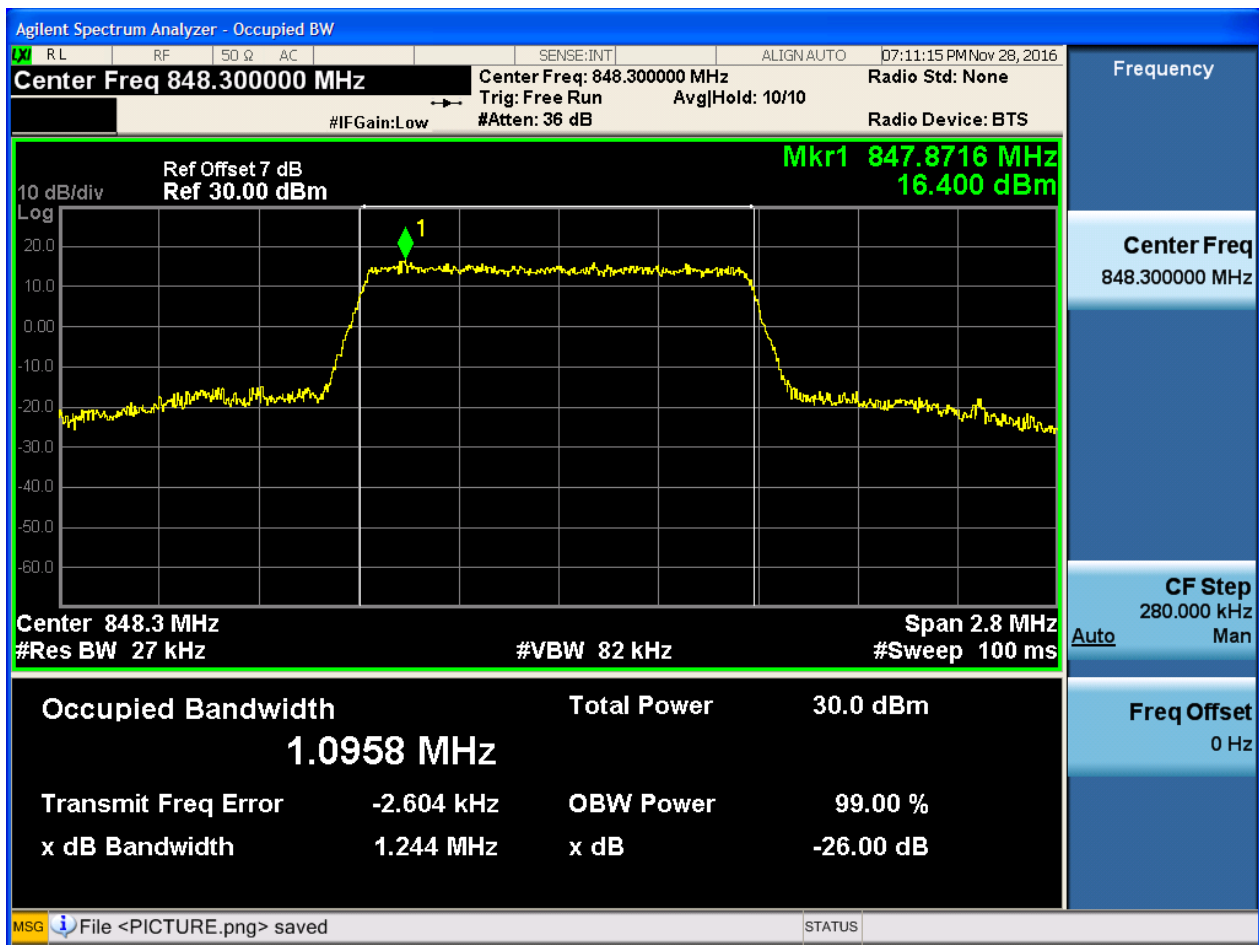
4.1.3.2.1.2.1 Test RB = RB6#0





4.1.3.2.1.3 Test Channel = HCH

4.1.3.2.1.3.1 Test RB = RB6#0

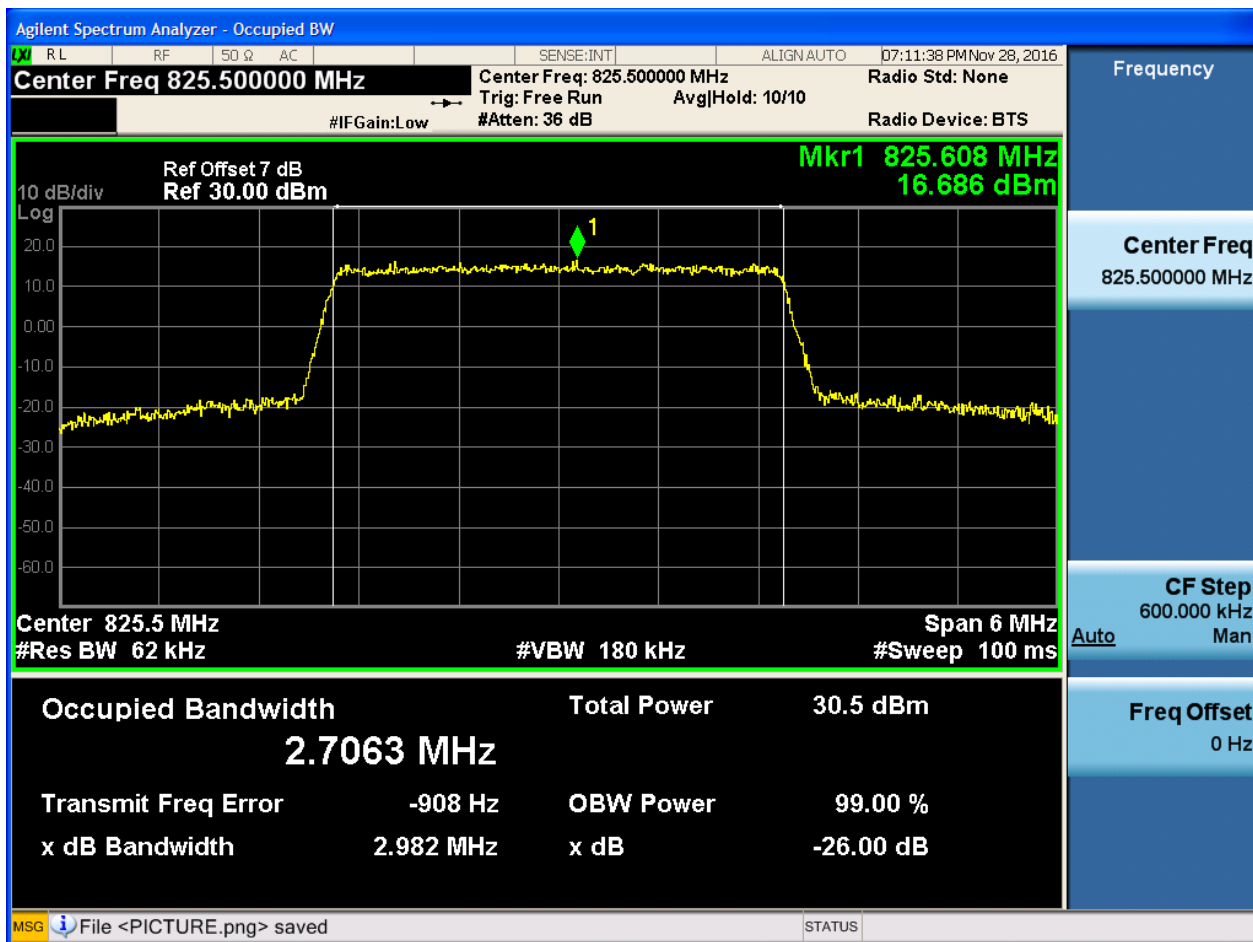




4.1.3.2.2 Test Bandwidth = 3

4.1.3.2.2.1 Test Channel = LCH

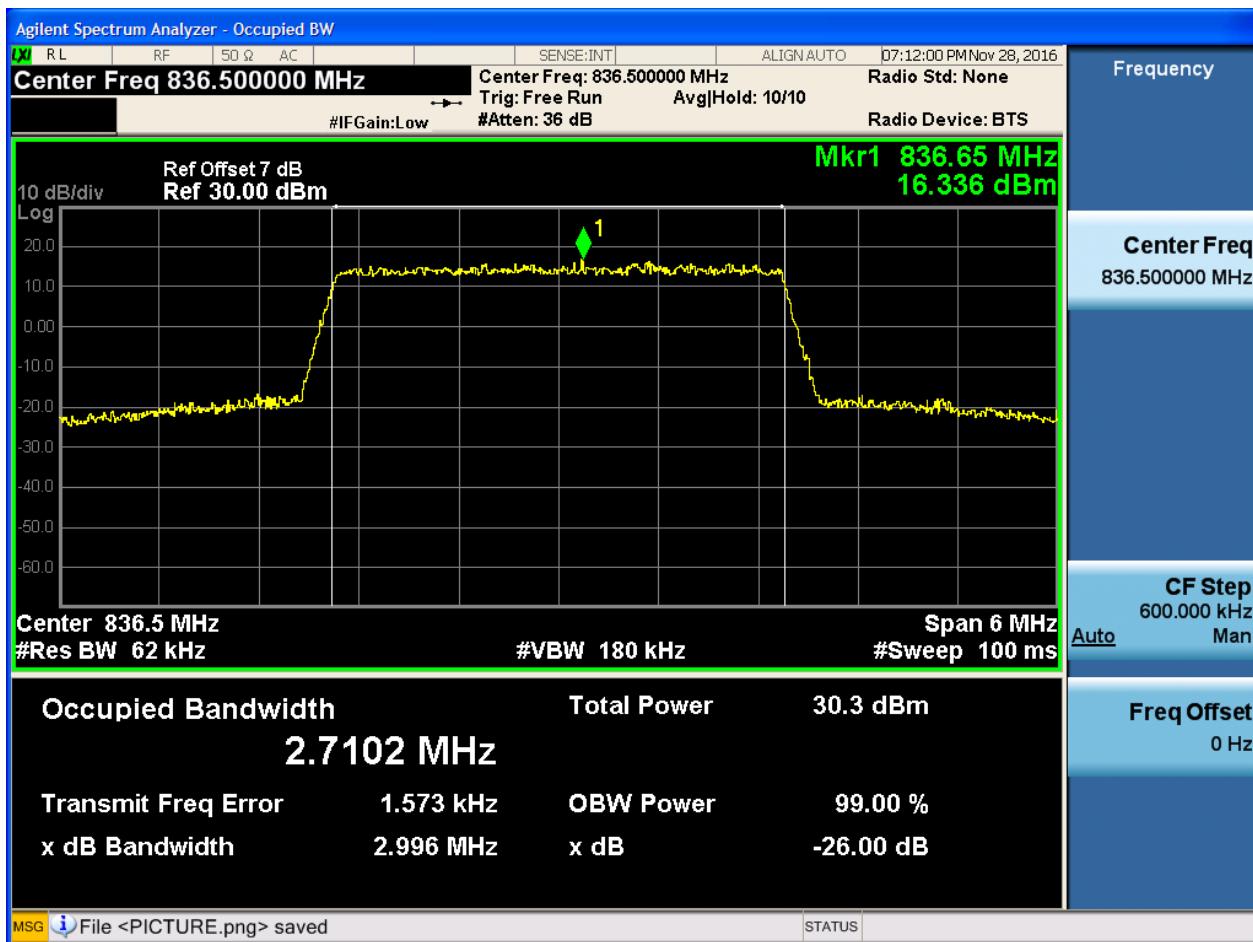
4.1.3.2.2.1.1 Test RB = RB15#0





4.1.3.2.2.2 Test Channel = MCH

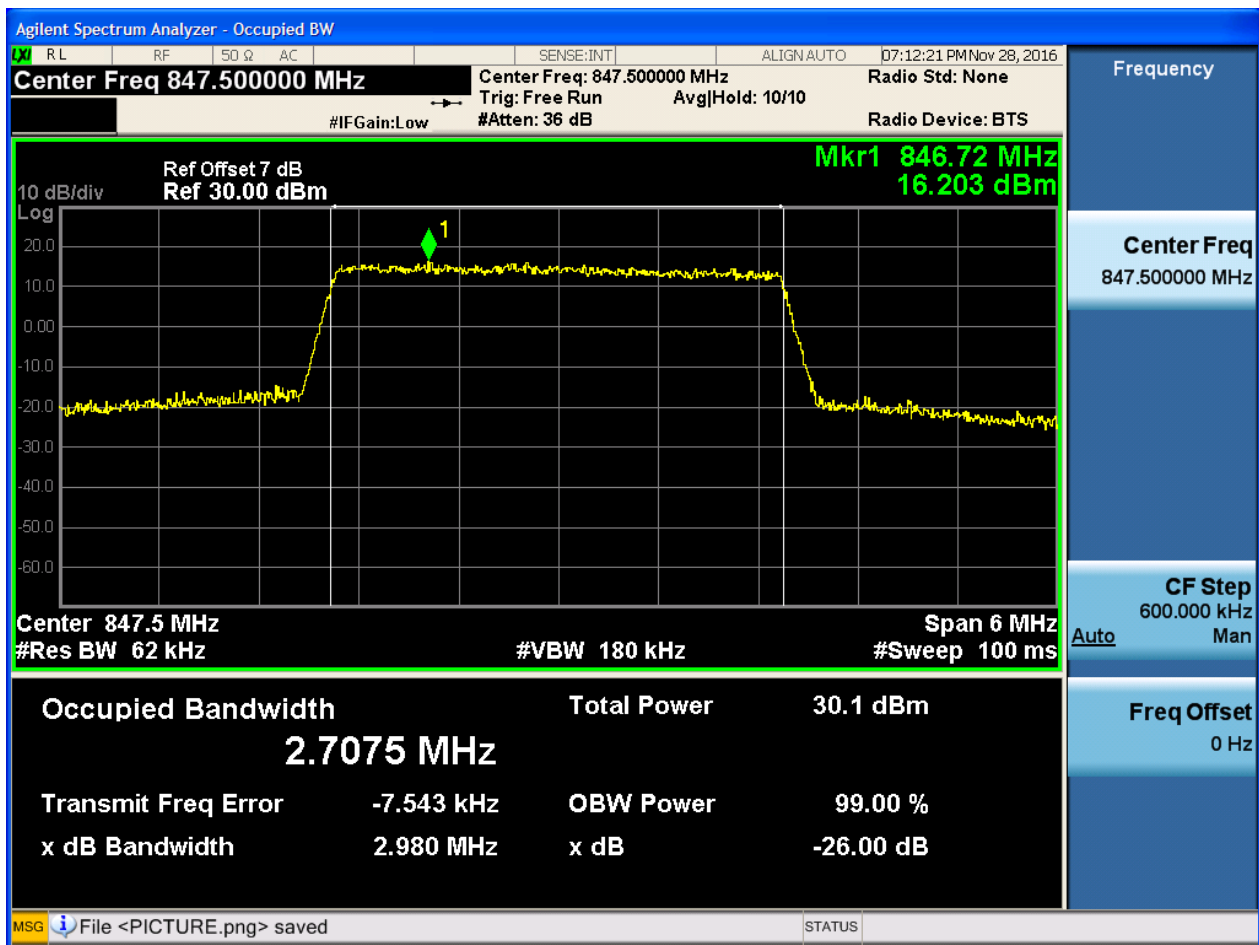
4.1.3.2.2.1 Test RB = RB15#0





4.1.3.2.2.3 Test Channel = HCH

4.1.3.2.2.3.1 Test RB = RB15#0

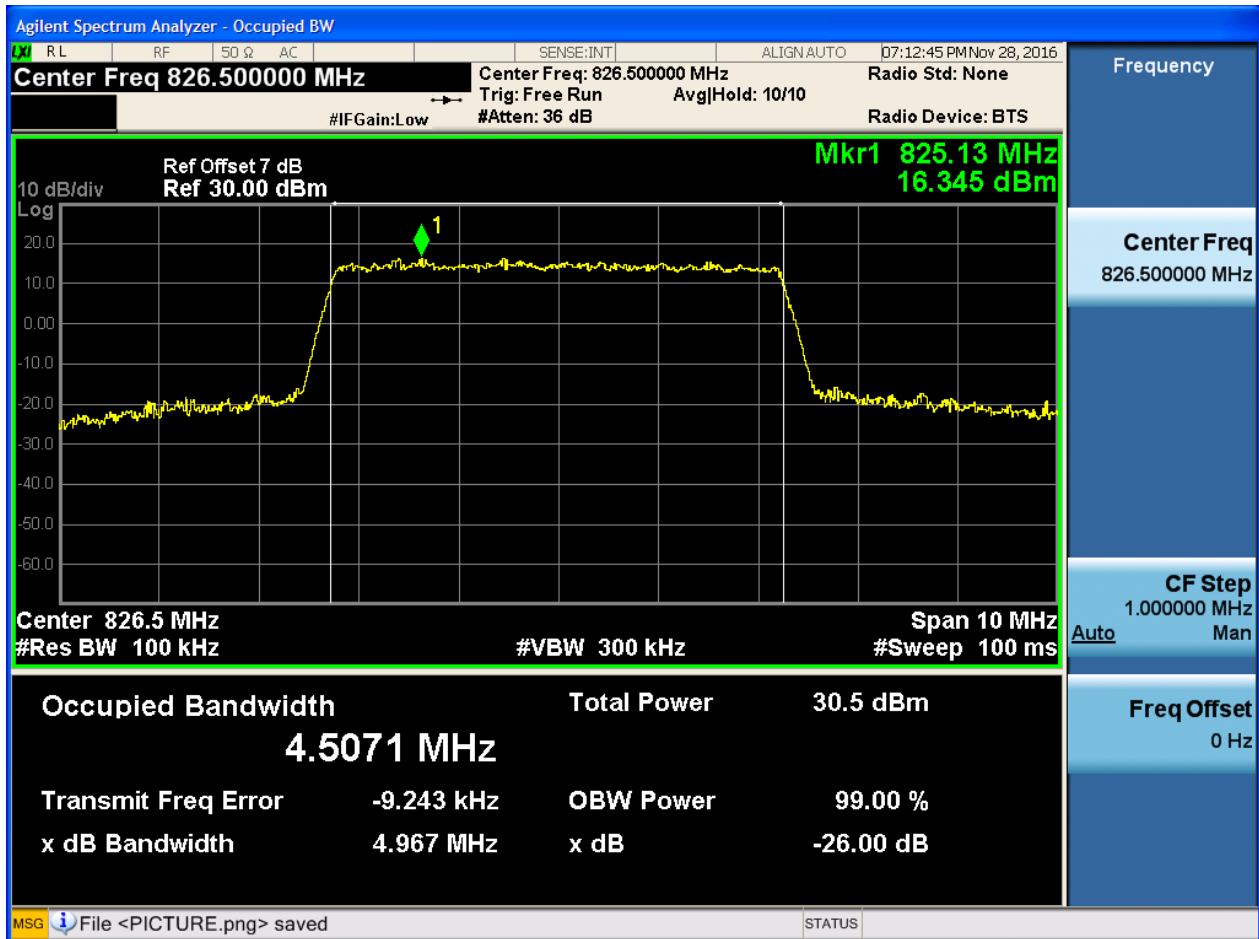




4.1.3.2.3 Test Bandwidth = 5

4.1.3.2.3.1 Test Channel = LCH

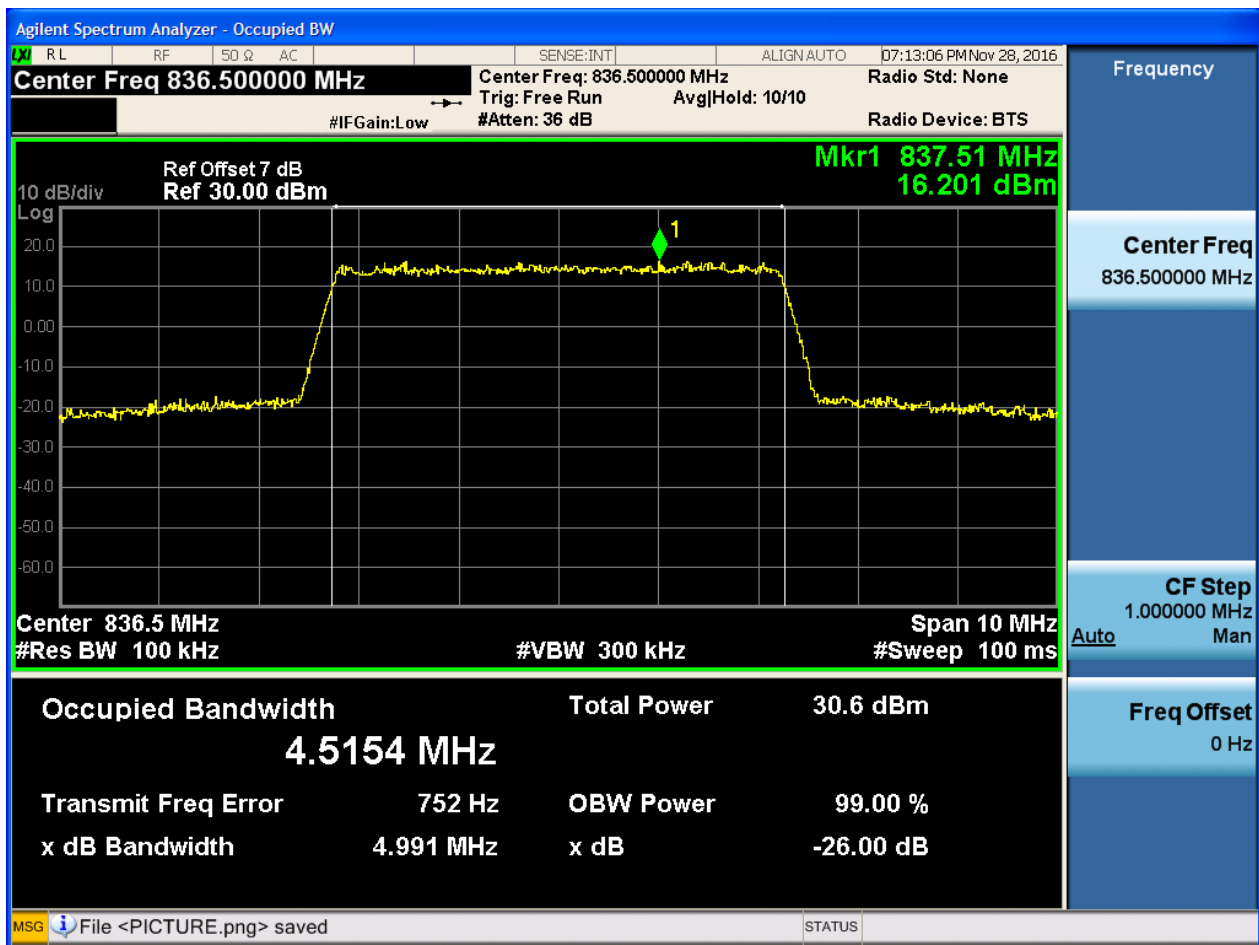
4.1.3.2.3.1.1 Test RB = RB25#0





4.1.3.2.3.2 Test Channel = MCH

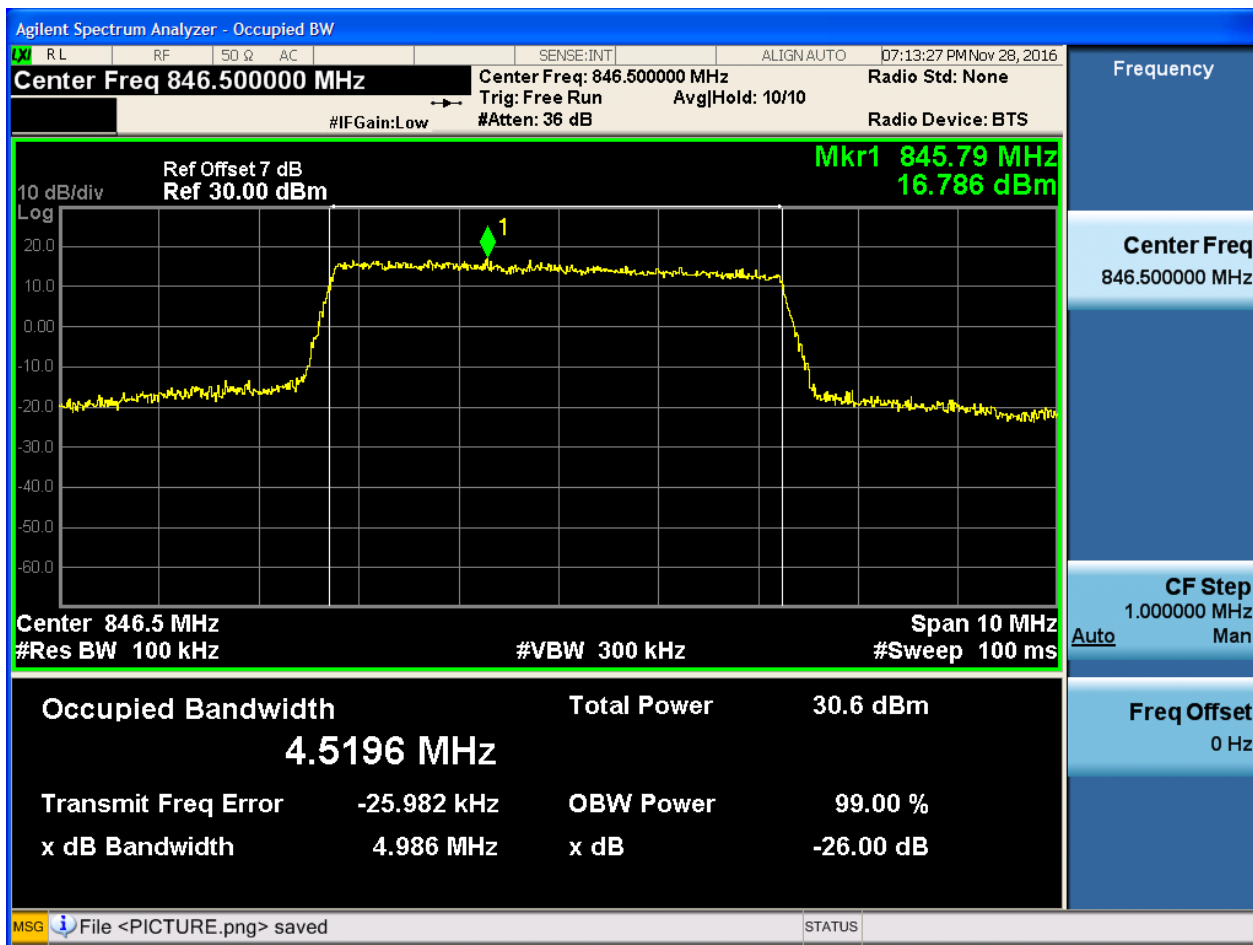
4.1.3.2.3.2.1 Test RB = RB25#0





4.1.3.2.3.3 Test Channel = HCH

4.1.3.2.3.3.1 Test RB = RB25#0

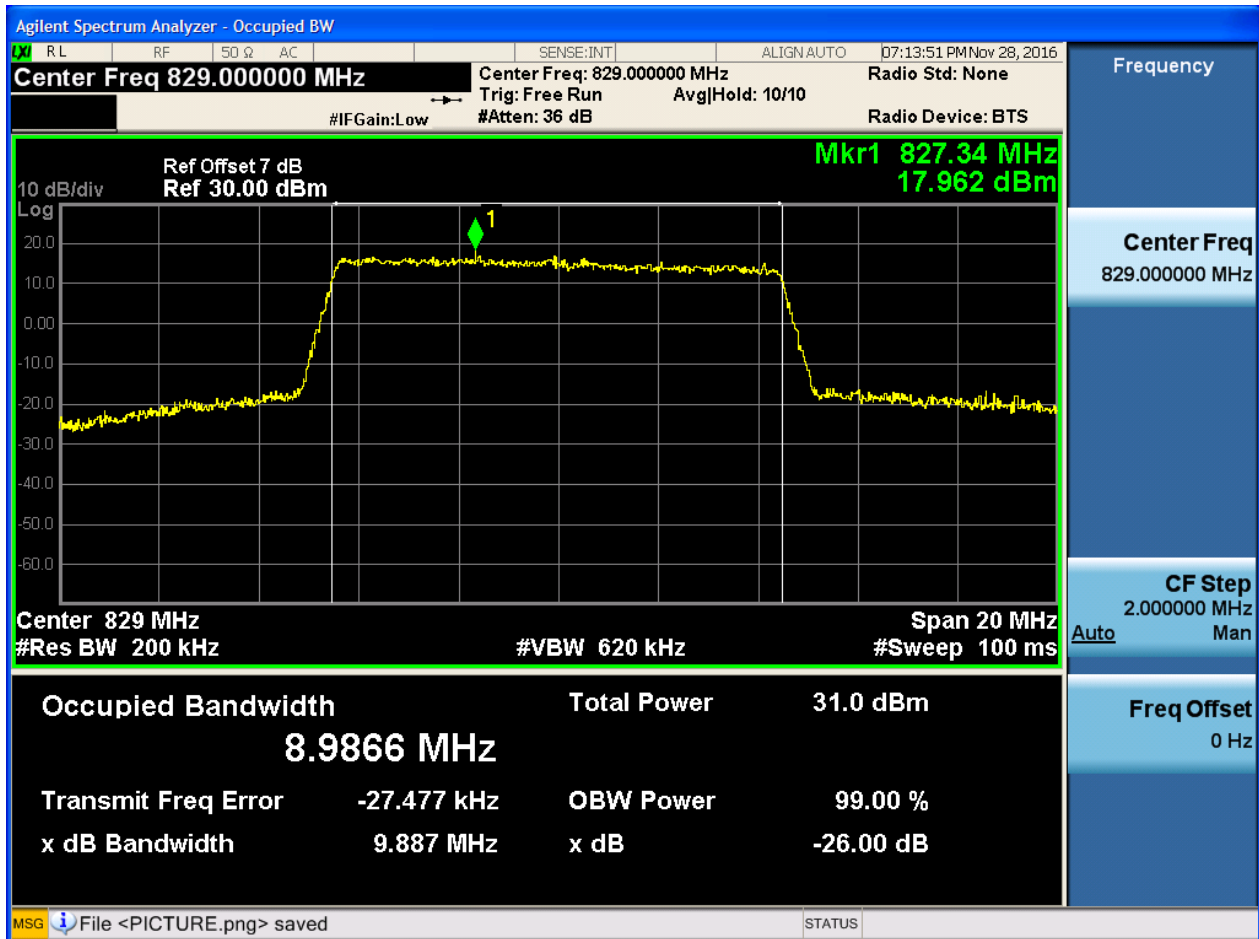




4.1.3.2.4 Test Bandwidth = 10

4.1.3.2.4.1 Test Channel = LCH

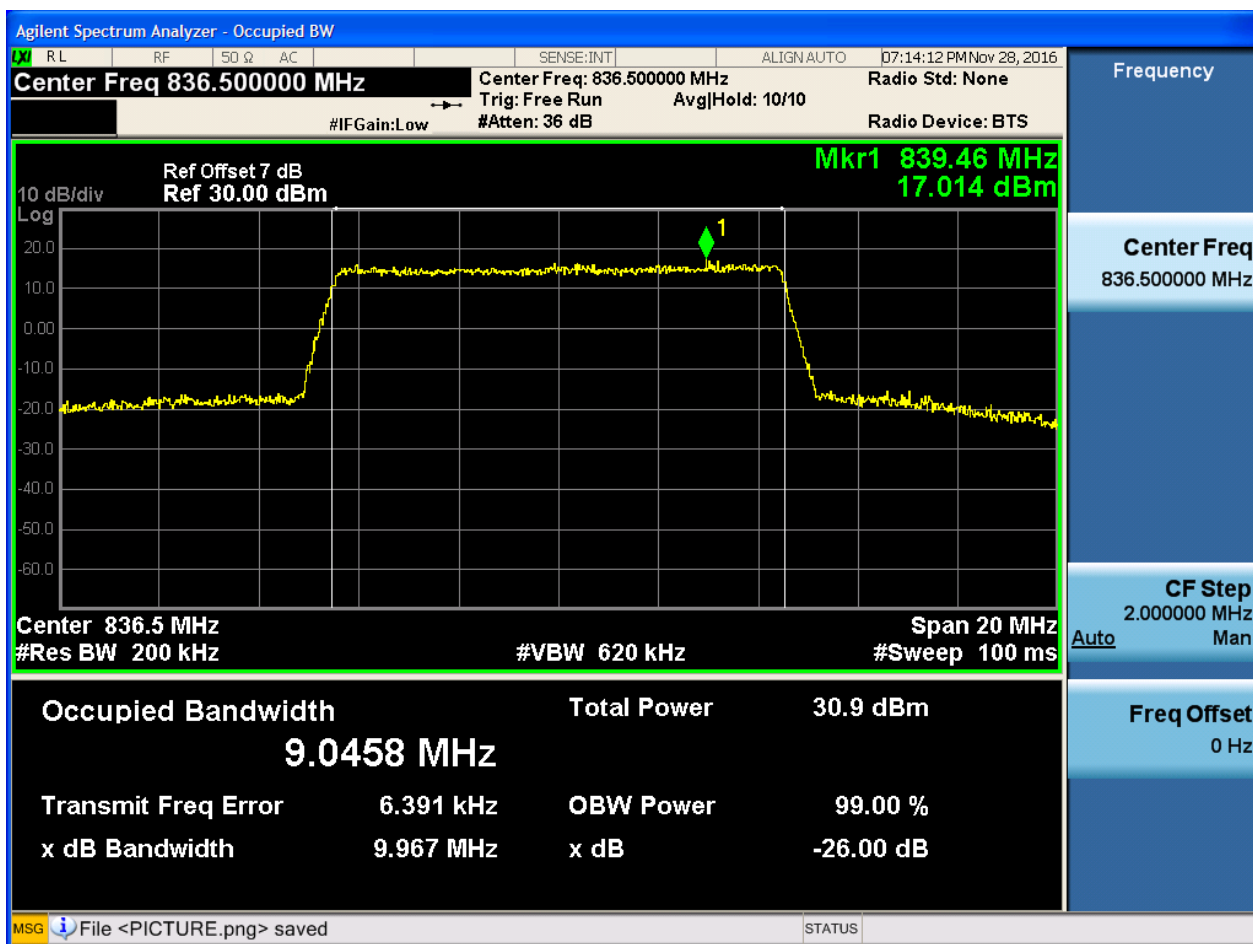
4.1.3.2.4.1.1 Test RB = RB50#0





4.1.3.2.4.2 Test Channel = MCH

4.1.3.2.4.2.1 Test RB = RB50#0





4.1.3.2.4.3 Test Channel = HCH

4.1.3.2.4.3.1 Test RB = RB50#0

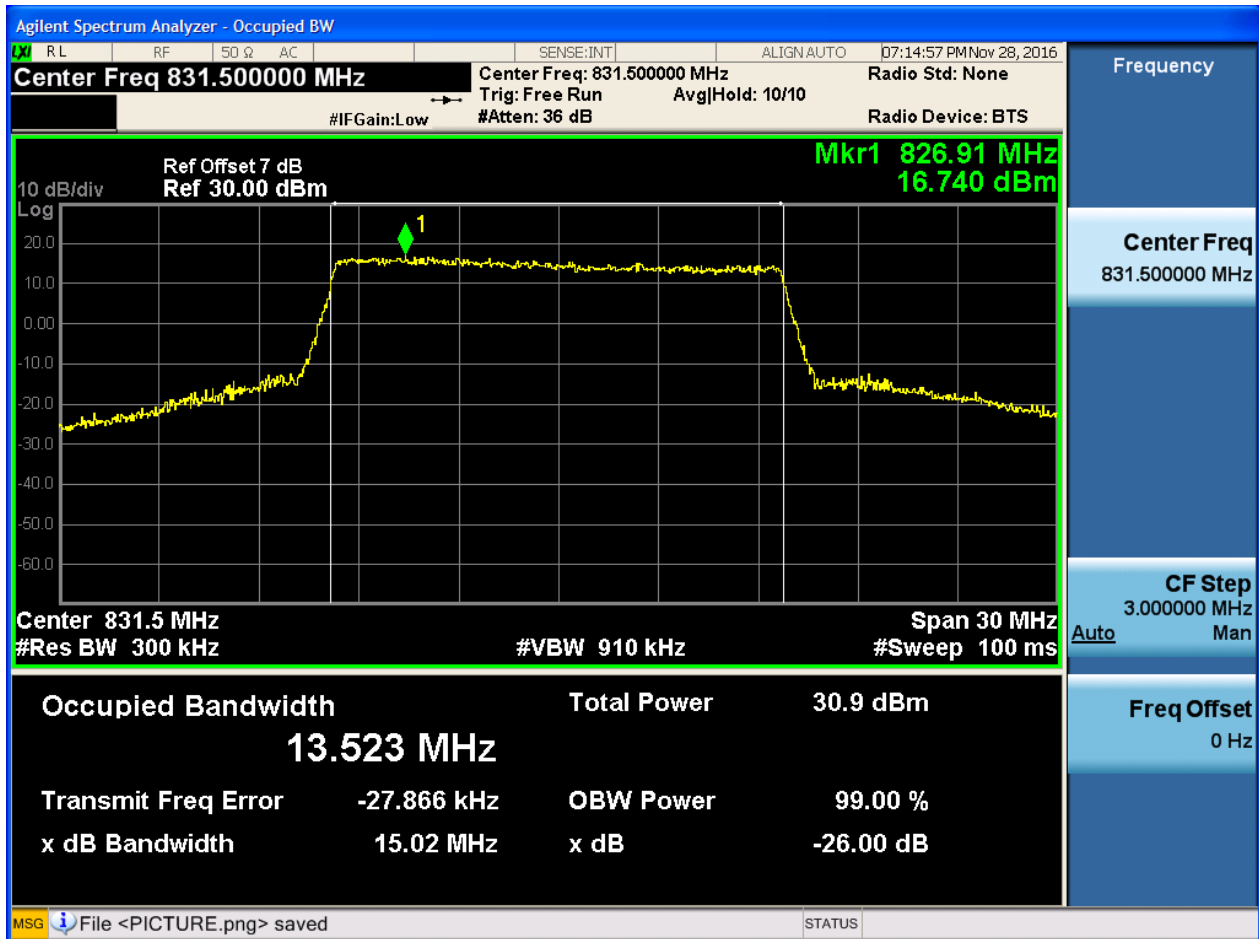




4.1.3.2.5 Test Bandwidth = 15

4.1.3.2.5.1 Test Channel = LCH

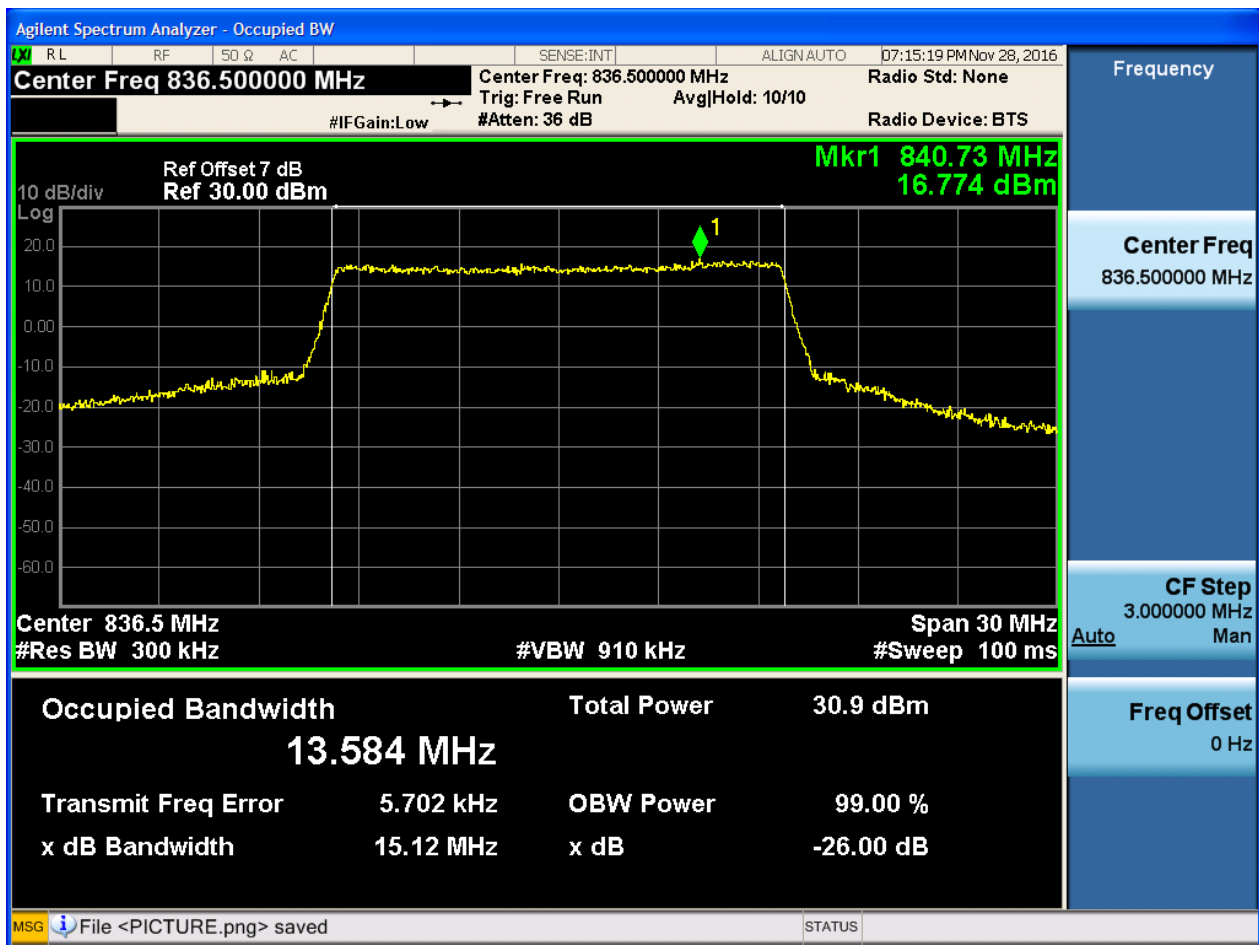
4.1.3.2.5.1.1 Test RB = RB75#0





4.1.3.2.5.2 Test Channel = MCH

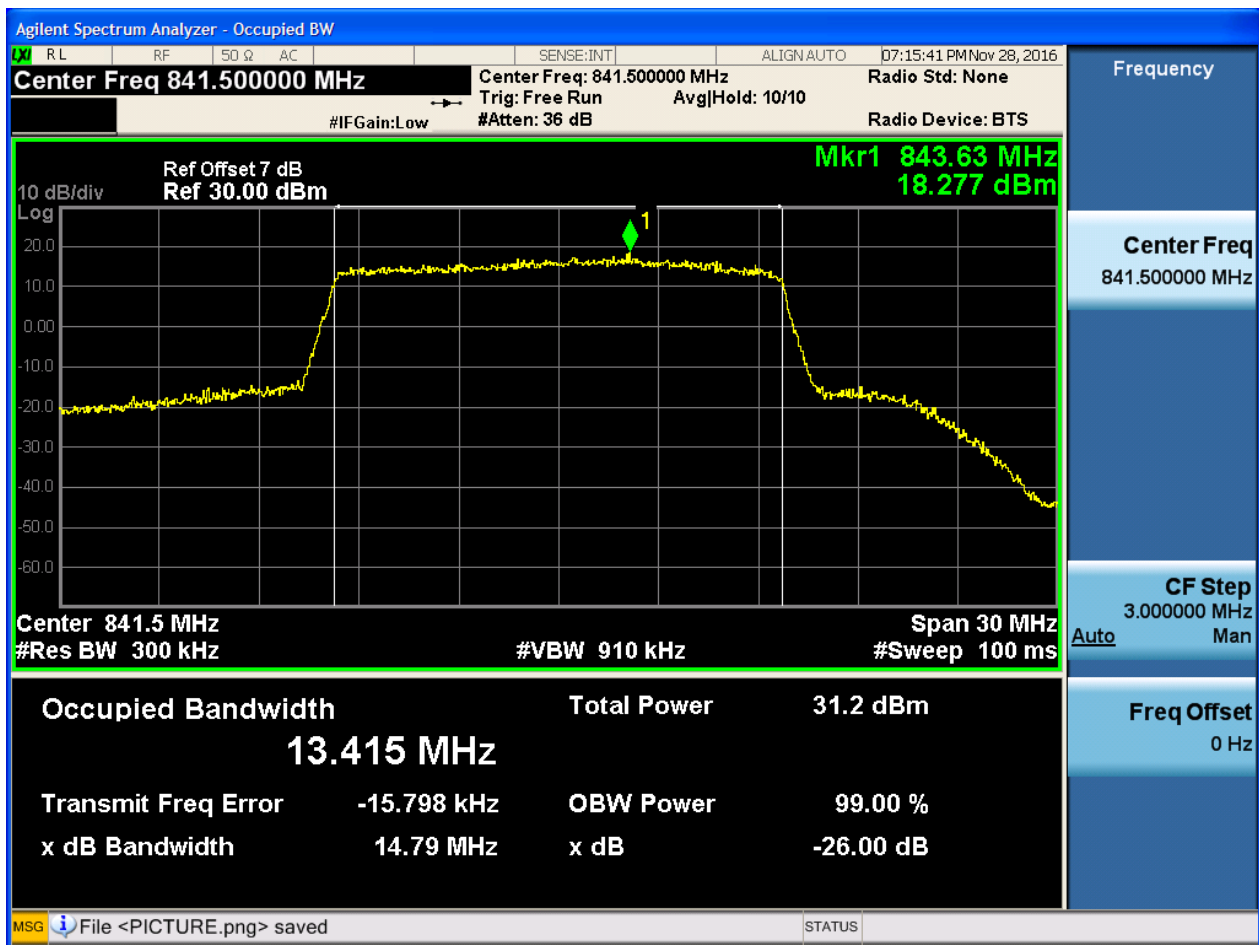
4.1.3.2.5.2.1 Test RB = RB75#0





4.1.3.2.5.3 Test Channel = HCH

4.1.3.2.5.3.1 Test RB = RB75#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

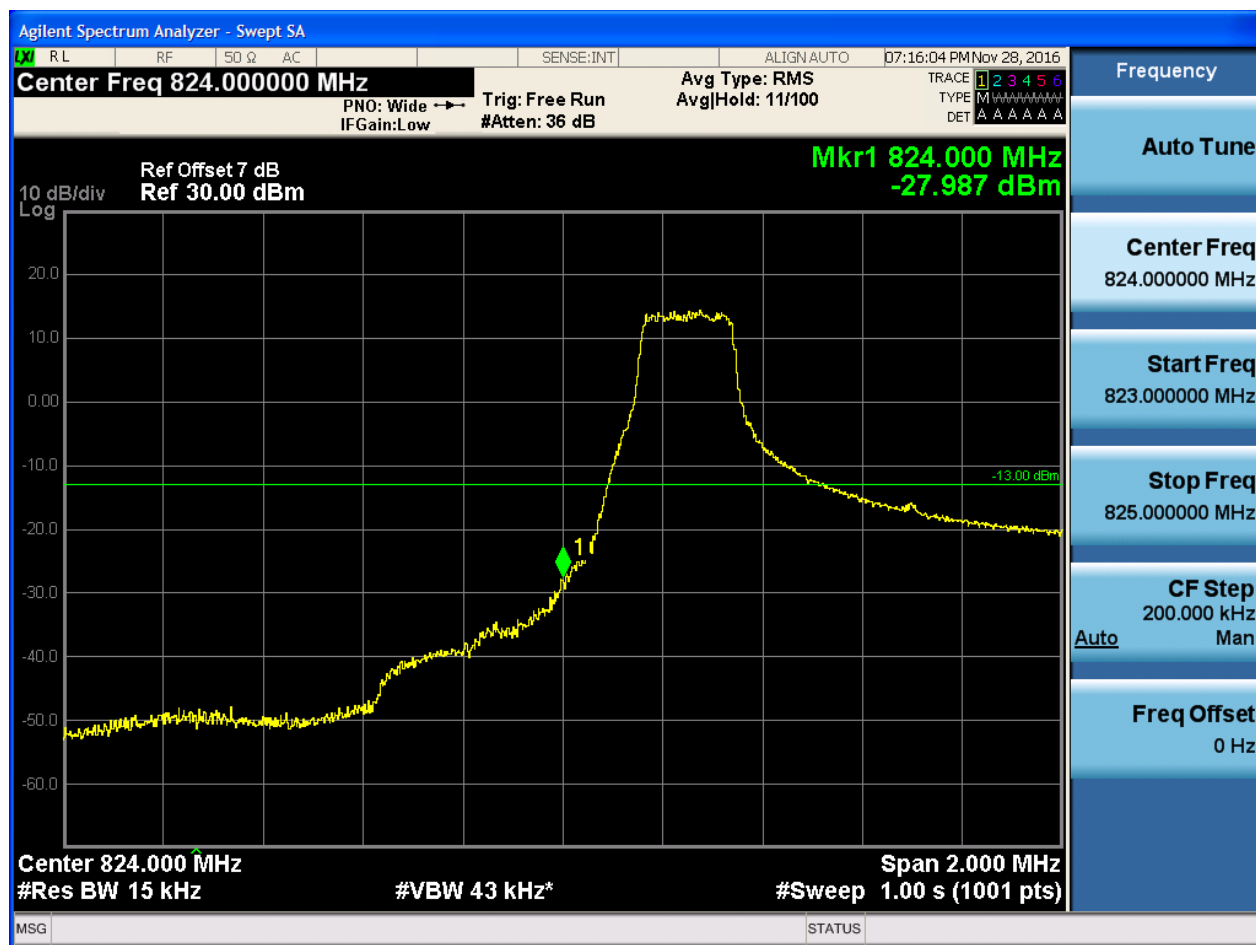
5.1.2 Test Band = BAND26

5.1.2.1 Test Mode = LTE/TM1

5.1.2.1.1 Test Bandwidth = 1.4

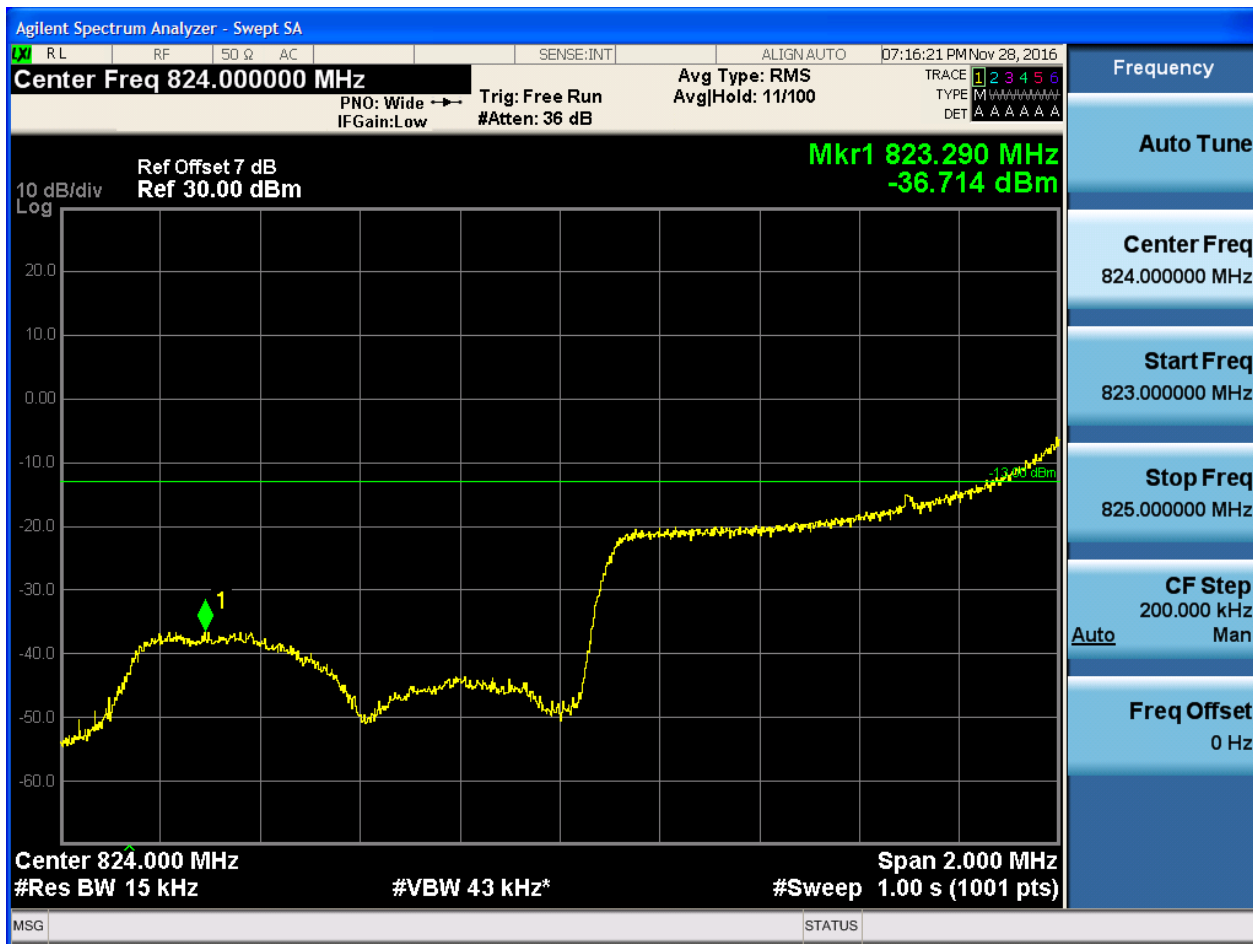
5.1.2.1.1.1 Test Channel = LCH

5.1.2.1.1.1.1 Test RB = RB1#0



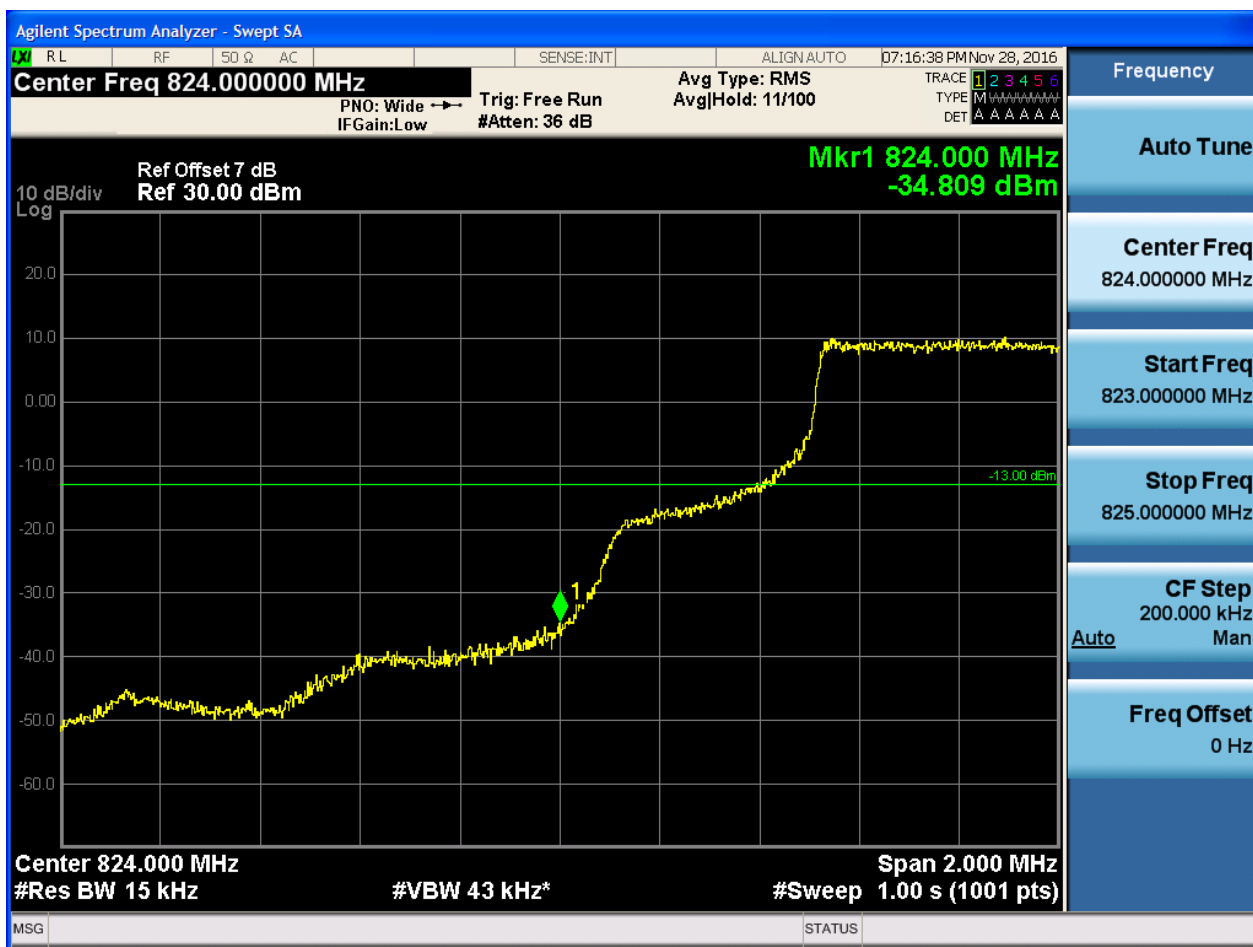


5.1.2.1.1.2 Test RB = RB1#5



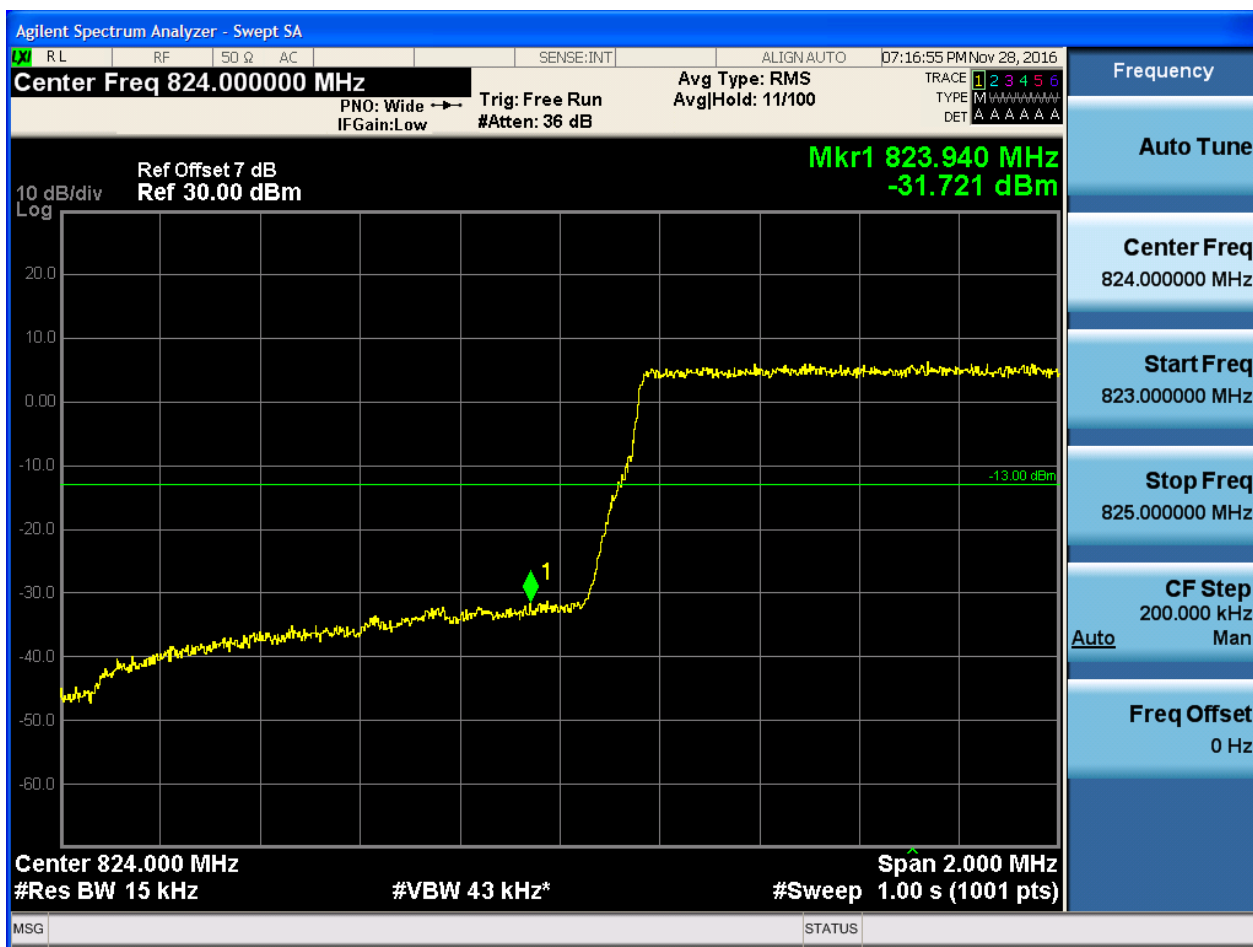


5.1.2.1.1.3 Test RB = RB3#2





5.1.2.1.1.4 Test RB = RB6#0



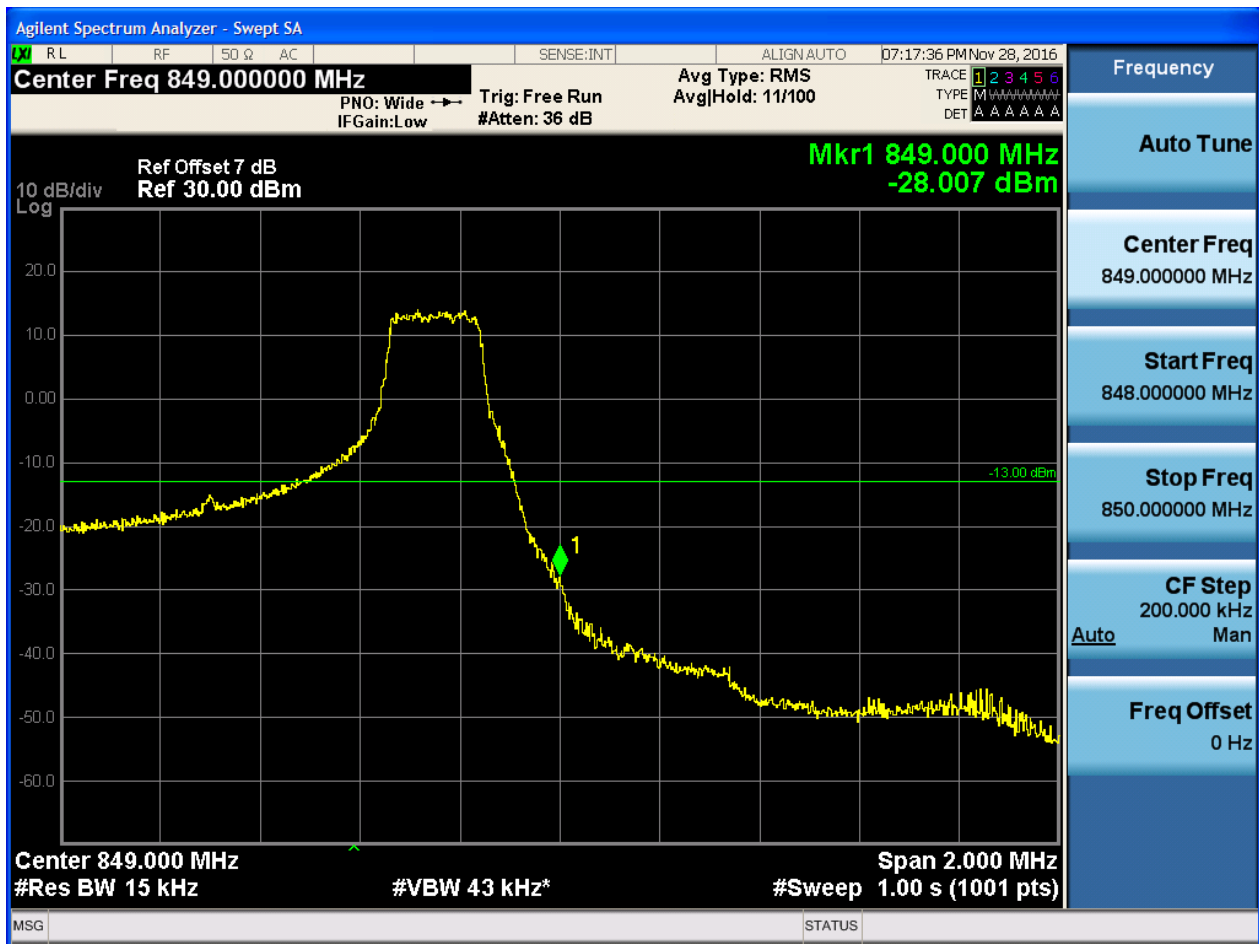
5.1.2.1.1.2 Test Channel = HCH

5.1.2.1.1.2.1 Test RB = RB1#0





5.1.2.1.1.2.2 Test RB = RB1#5





5.1.2.1.1.2.3 Test RB = RB3#2





5.1.2.1.1.2.4 Test RB = RB6#0

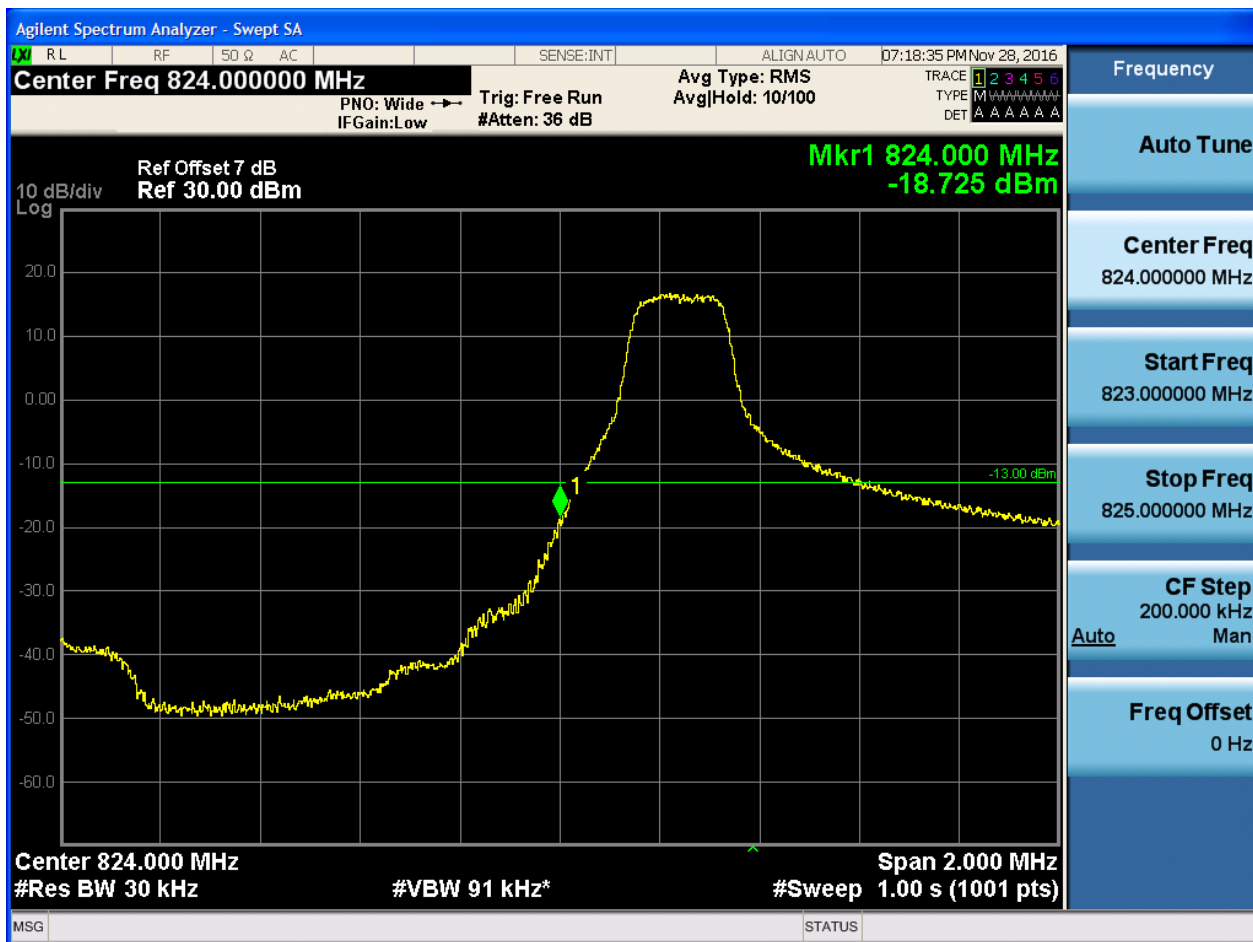




5.1.2.1.2 Test Bandwidth = 3

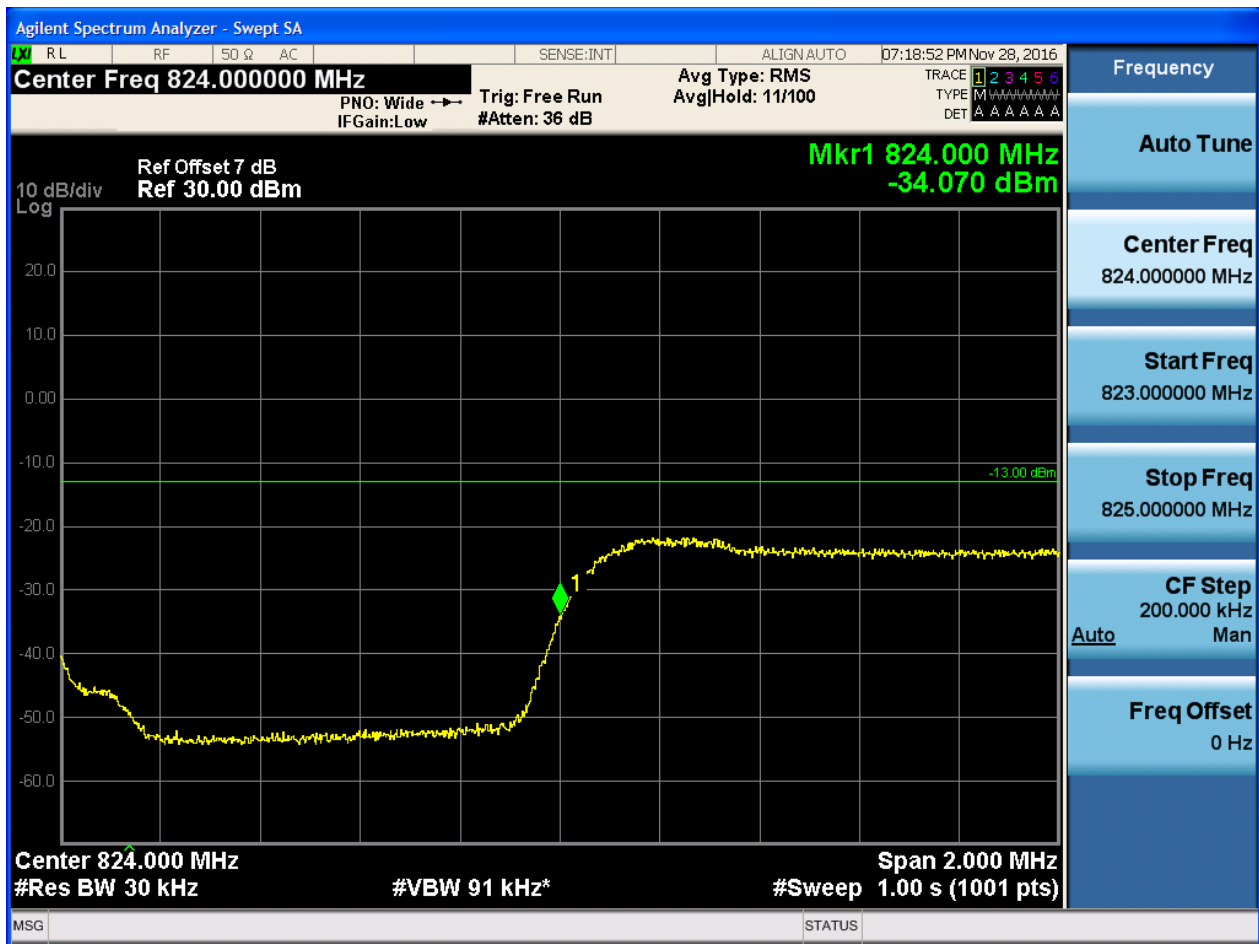
5.1.2.1.2.1 Test Channel = LCH

5.1.2.1.2.1.1 Test RB = RB1#0



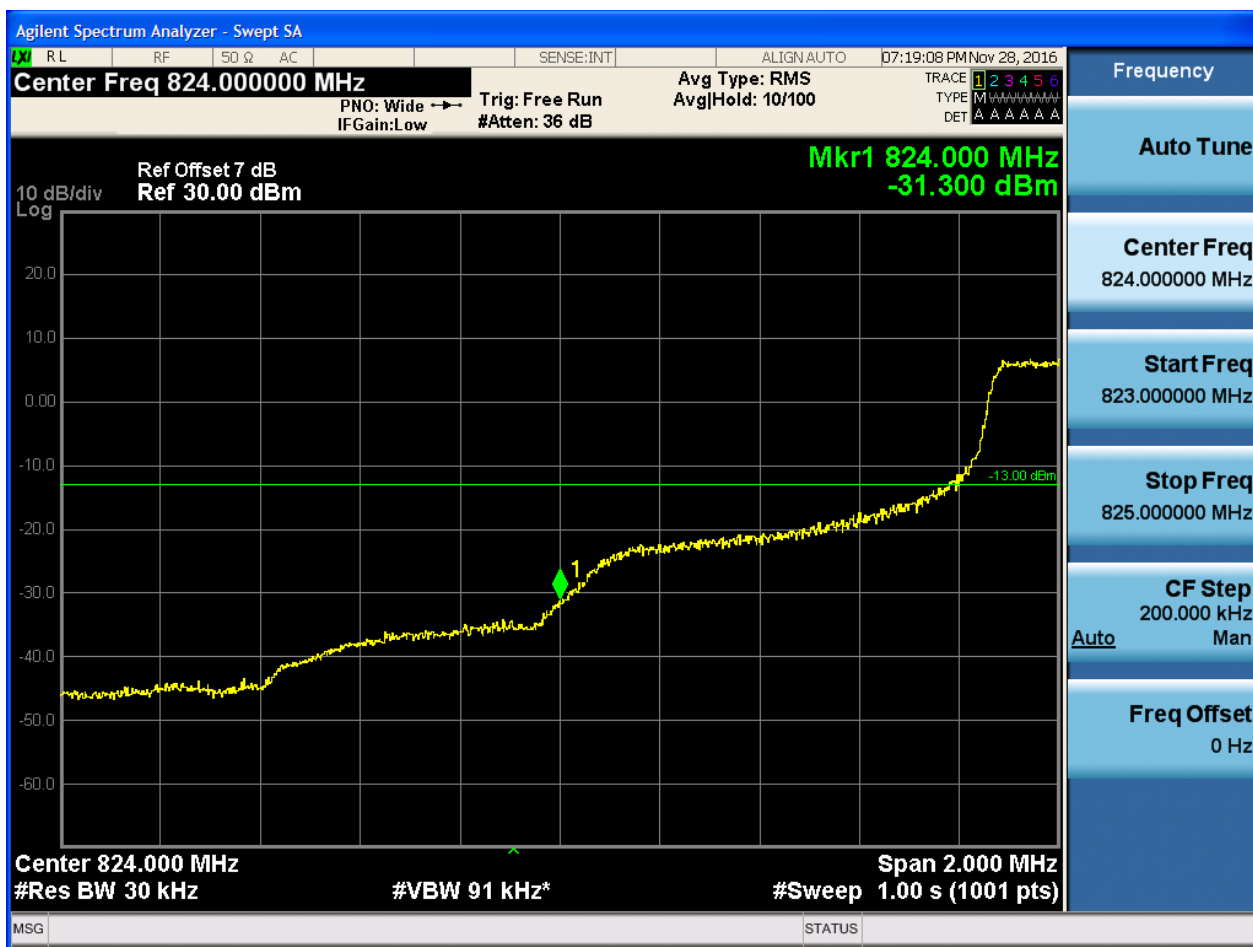


5.1.2.1.2.1.2 Test RB = RB1#14



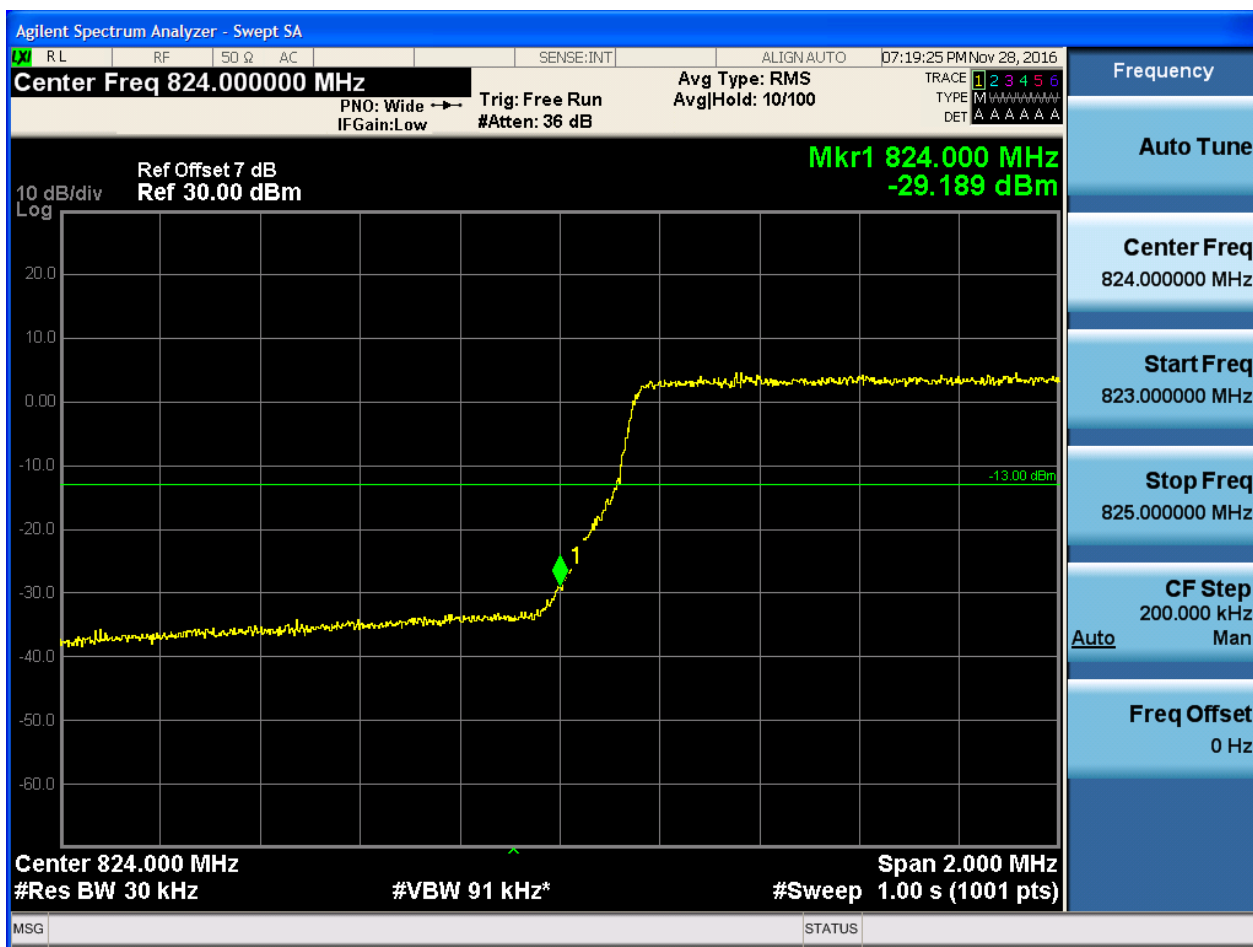


5.1.2.1.2.1.3 Test RB = RB8#4





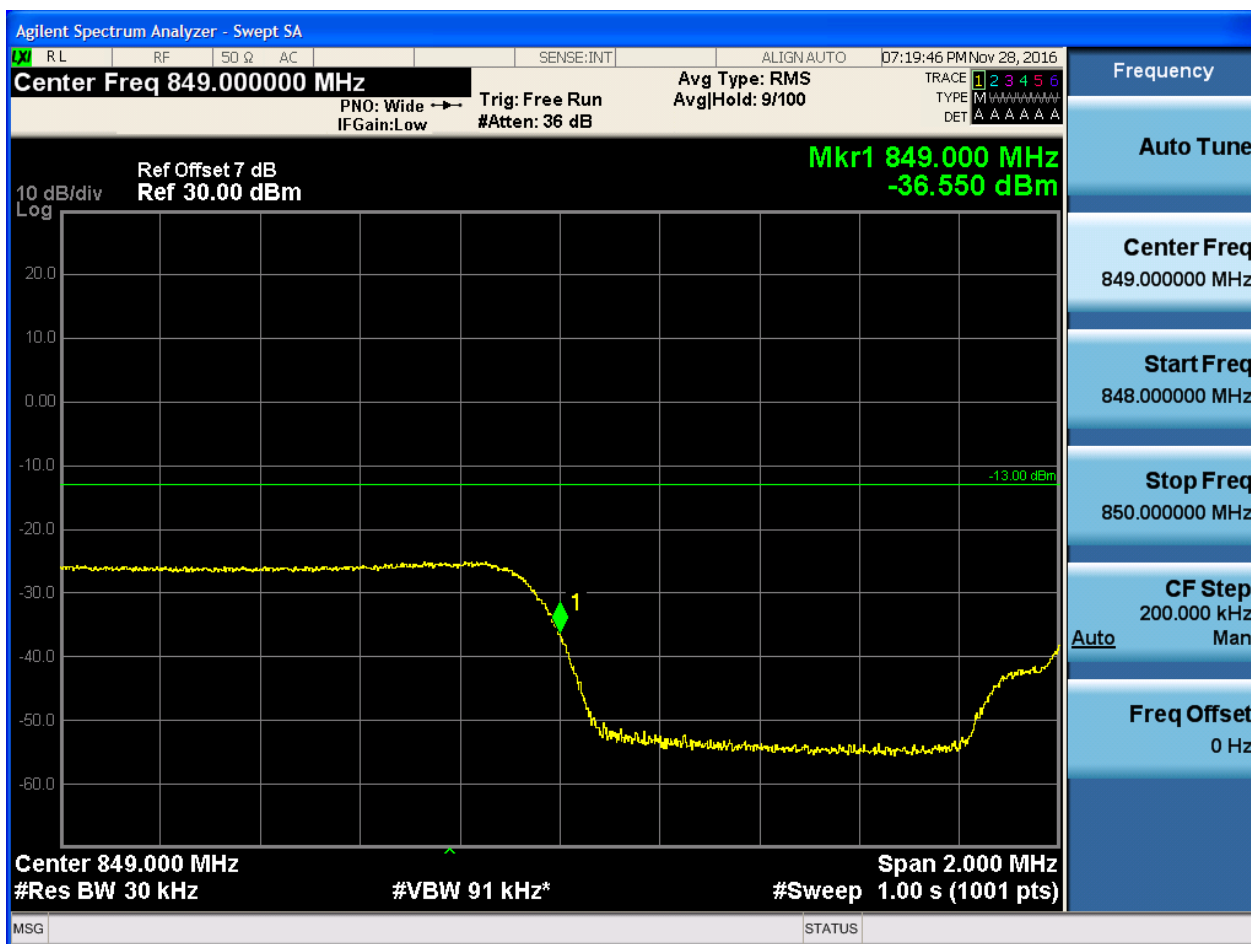
5.1.2.1.2.1.4 Test RB = RB15#0





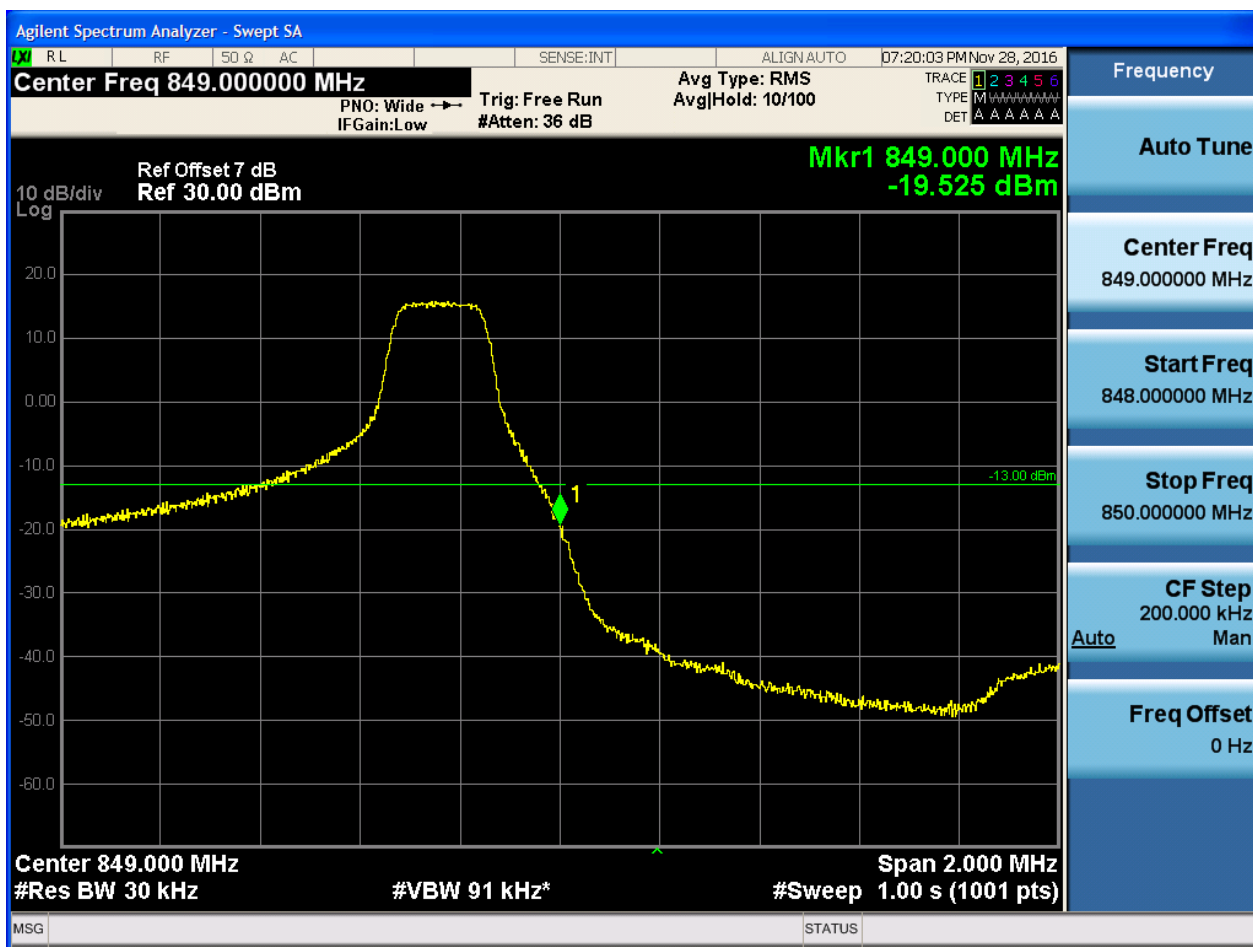
5.1.2.1.2.2 Test Channel = HCH

5.1.2.1.2.2.1 Test RB = RB1#0





5.1.2.1.2.2.2 Test RB = RB1#14



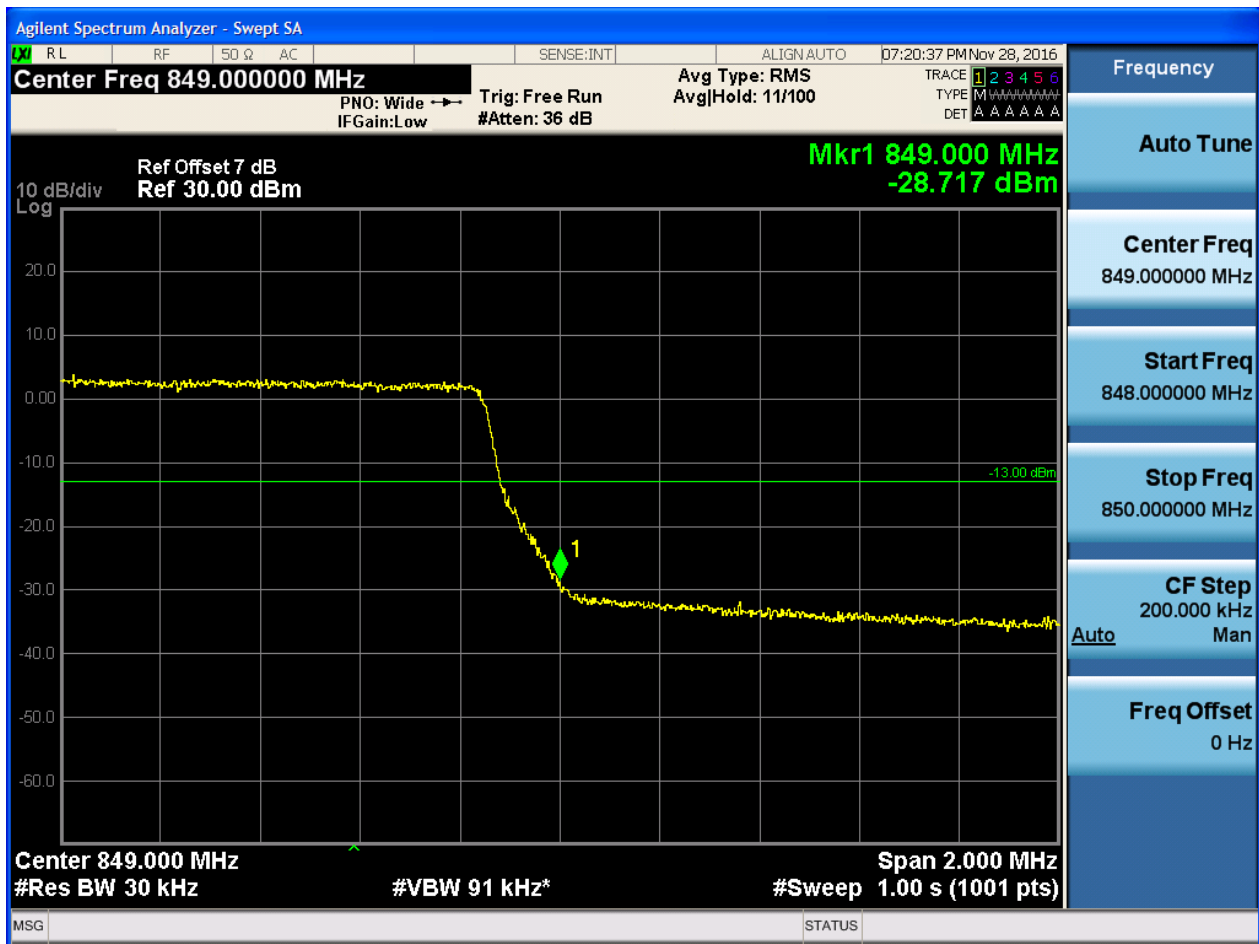


5.1.2.1.2.2.3 Test RB = RB8#4





5.1.2.1.2.2.4 Test RB = RB15#0

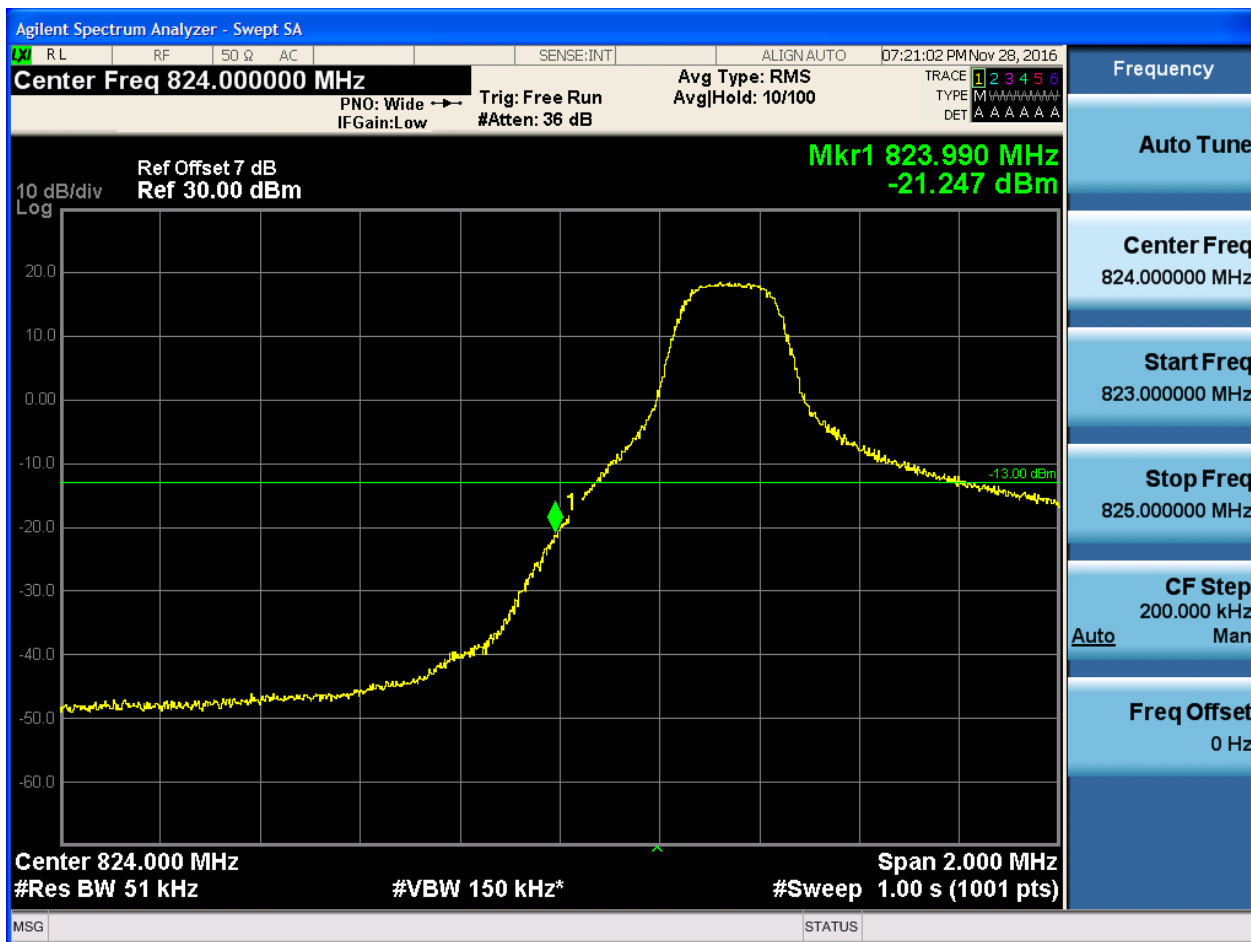




5.1.2.1.3 Test Bandwidth = 5

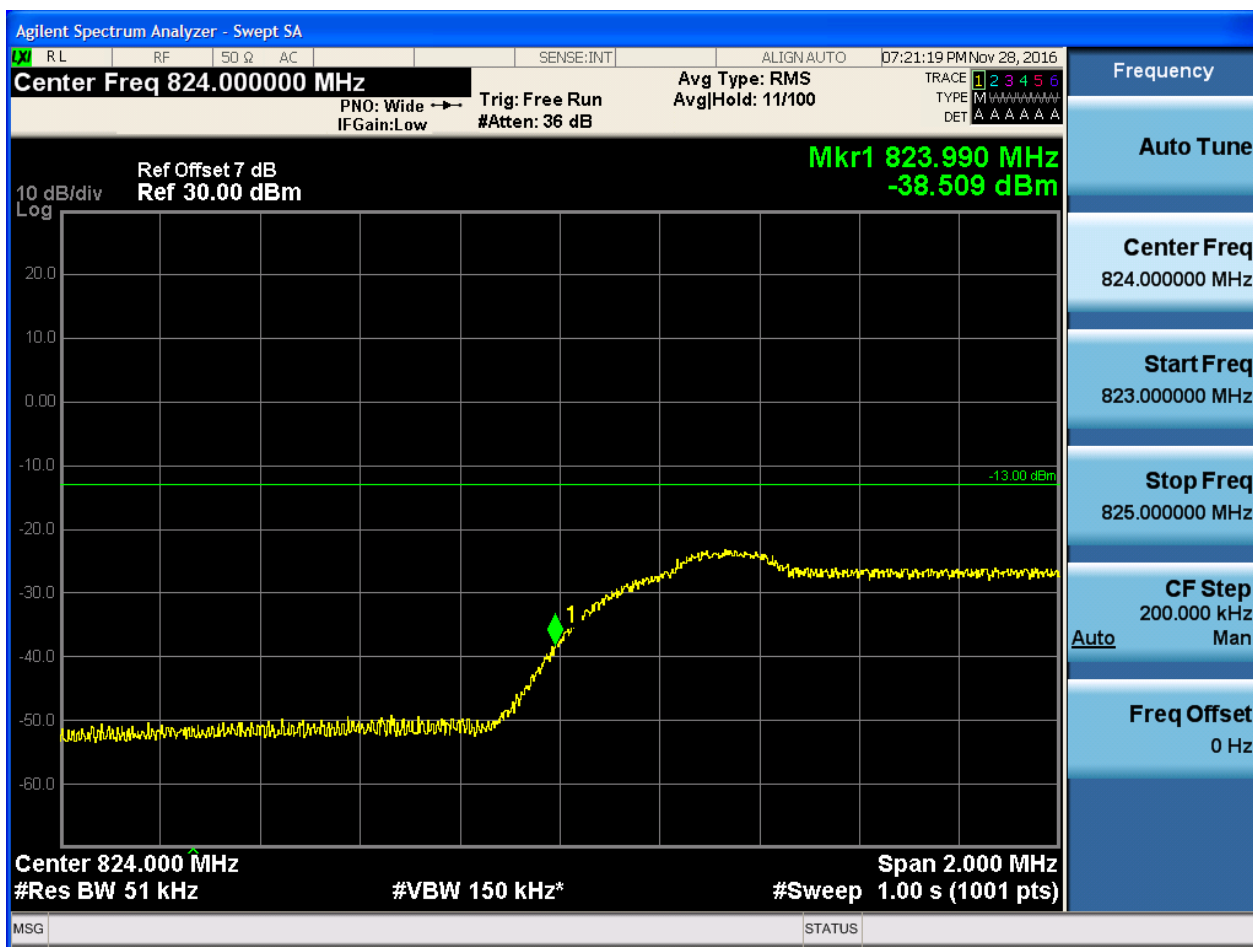
5.1.2.1.3.1 Test Channel = LCH

5.1.2.1.3.1.1 Test RB = RB1#0





5.1.2.1.3.1.2 Test RB = RB1#24





5.1.2.1.3.1.3 Test RB = RB12#6





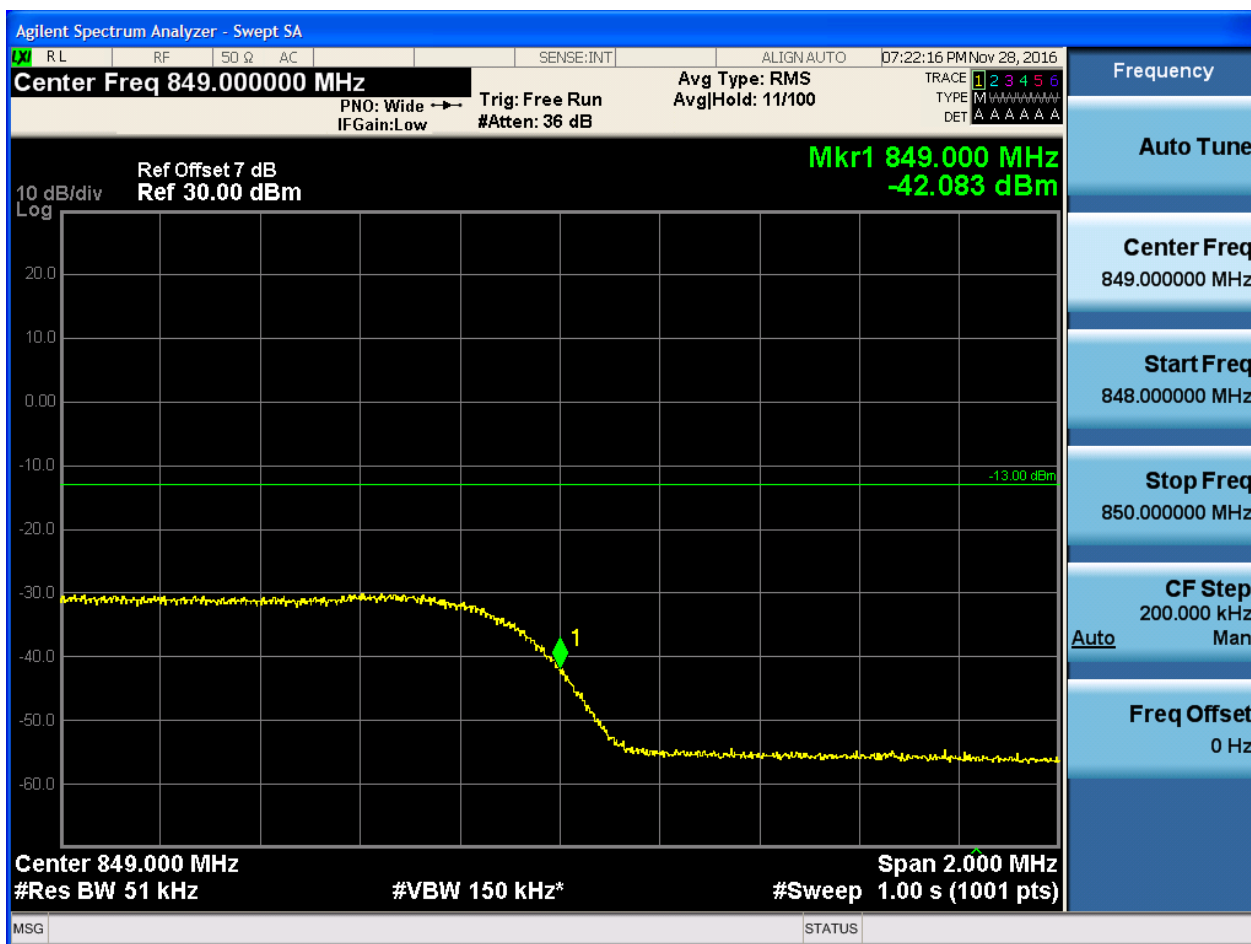
5.1.2.1.3.1.4 Test RB = RB25#0





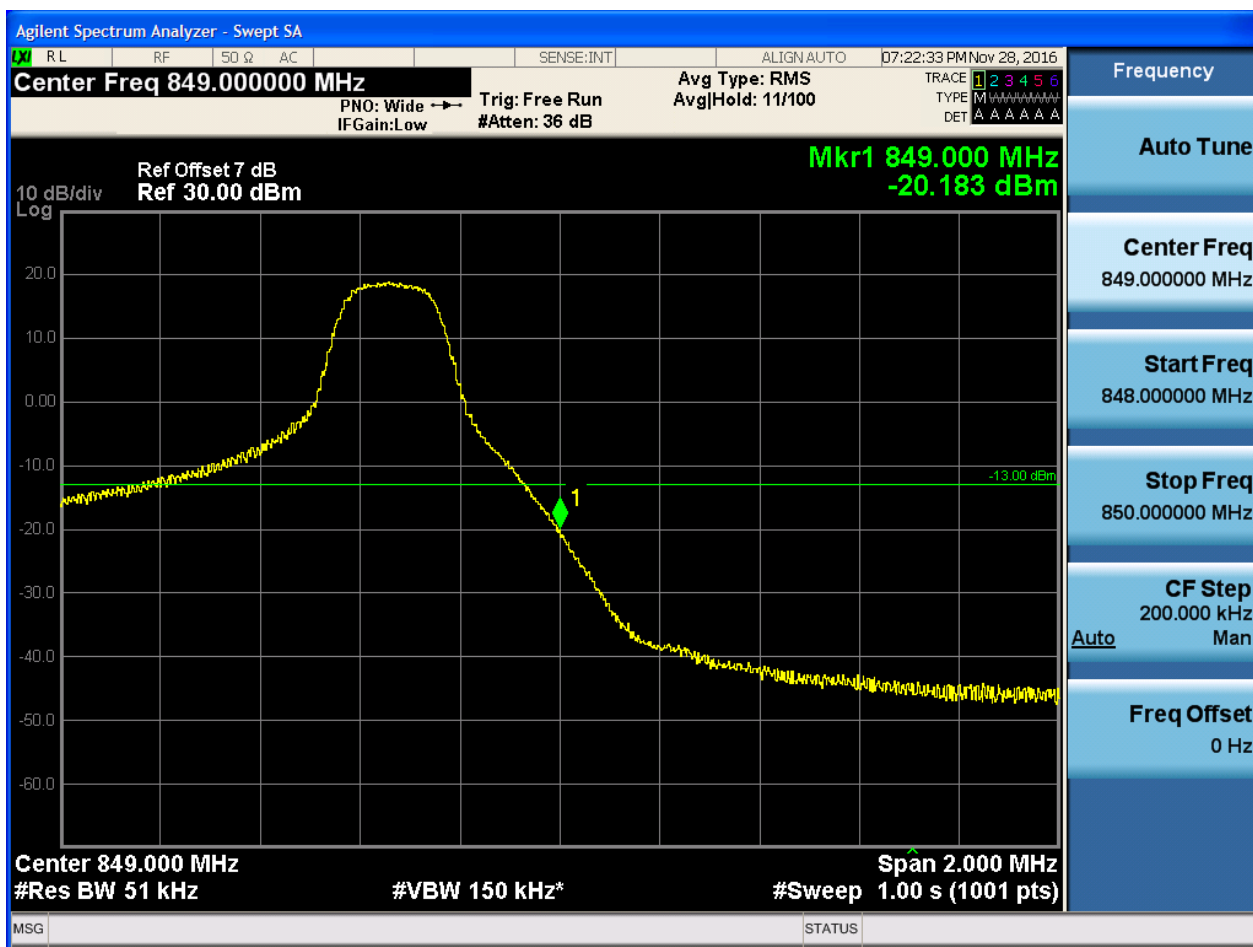
5.1.2.1.3.2 Test Channel = HCH

5.1.2.1.3.2.1 Test RB = RB1#0





5.1.2.1.3.2.2 Test RB = RB1#24





5.1.2.1.3.2.3 Test RB = RB12#6





5.1.2.1.3.2.4 Test RB = RB25#0

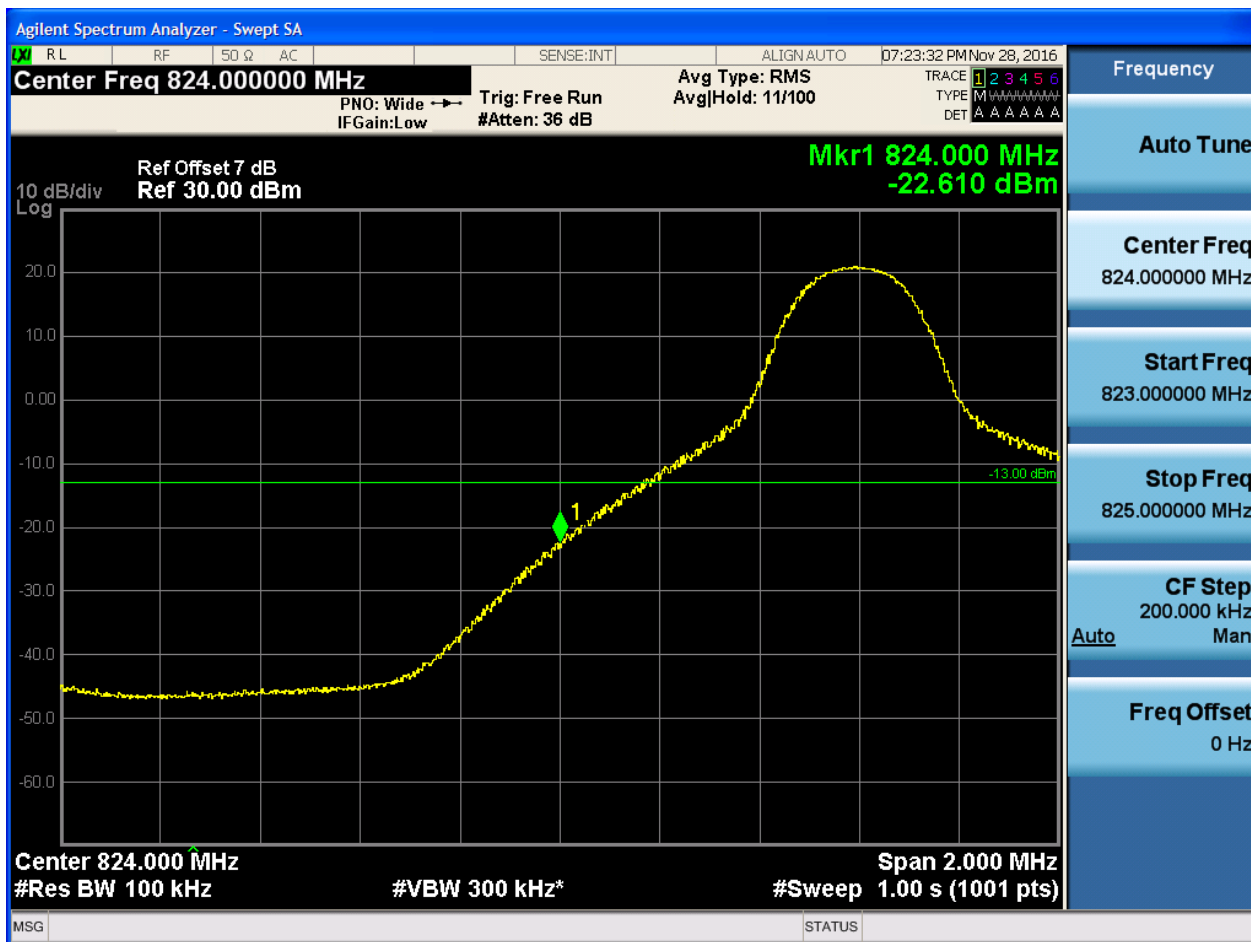




5.1.2.1.4 Test Bandwidth = 10

5.1.2.1.4.1 Test Channel = LCH

5.1.2.1.4.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 824.000 MHz
-39.968 dBm

Center 824.000 MHz
#Res BW 100 kHz

#VBW 300 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

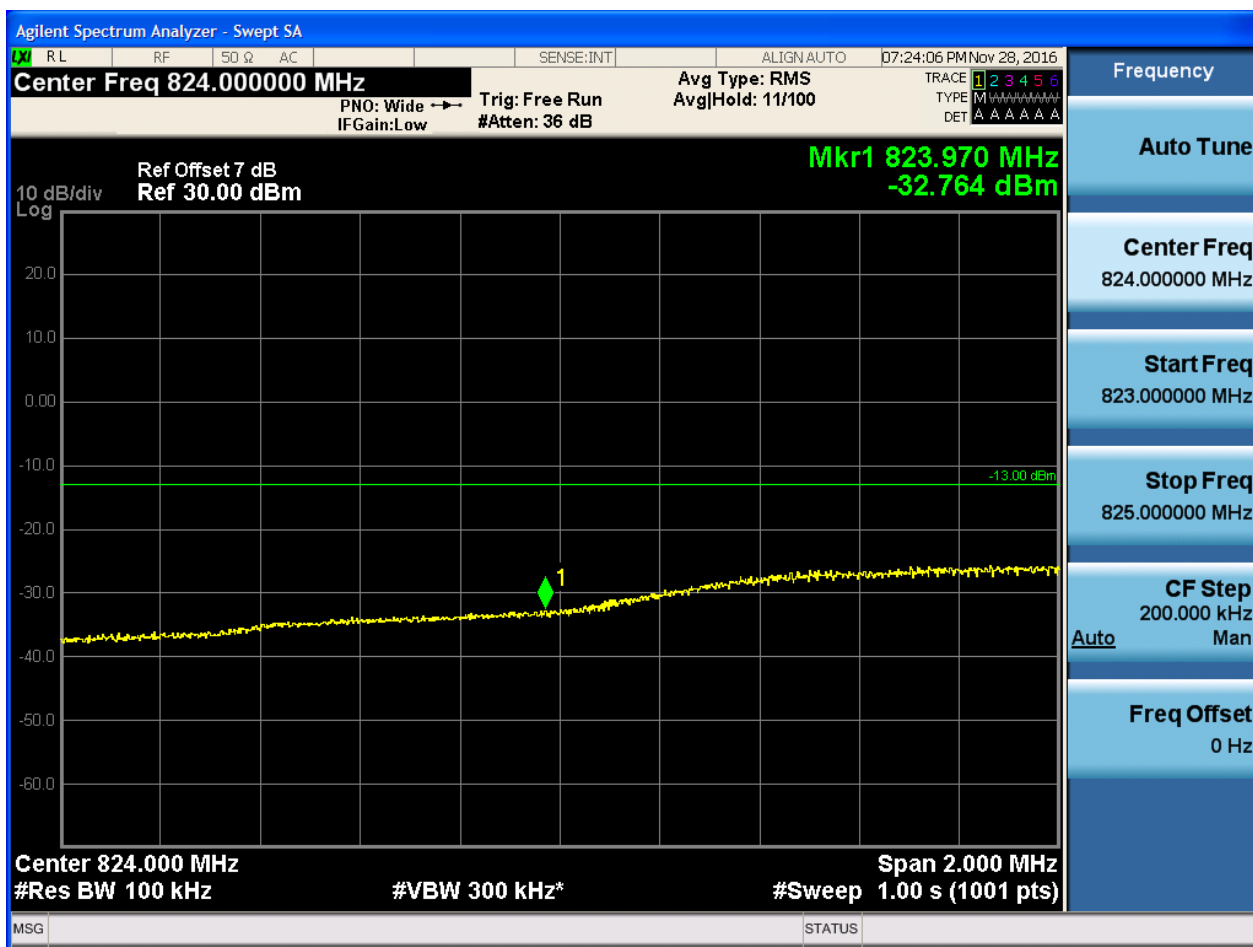
CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz



5.1.2.1.4.1.3 Test RB = RB25#13





5.1.2.1.4.1.4 Test RB = RB50#0





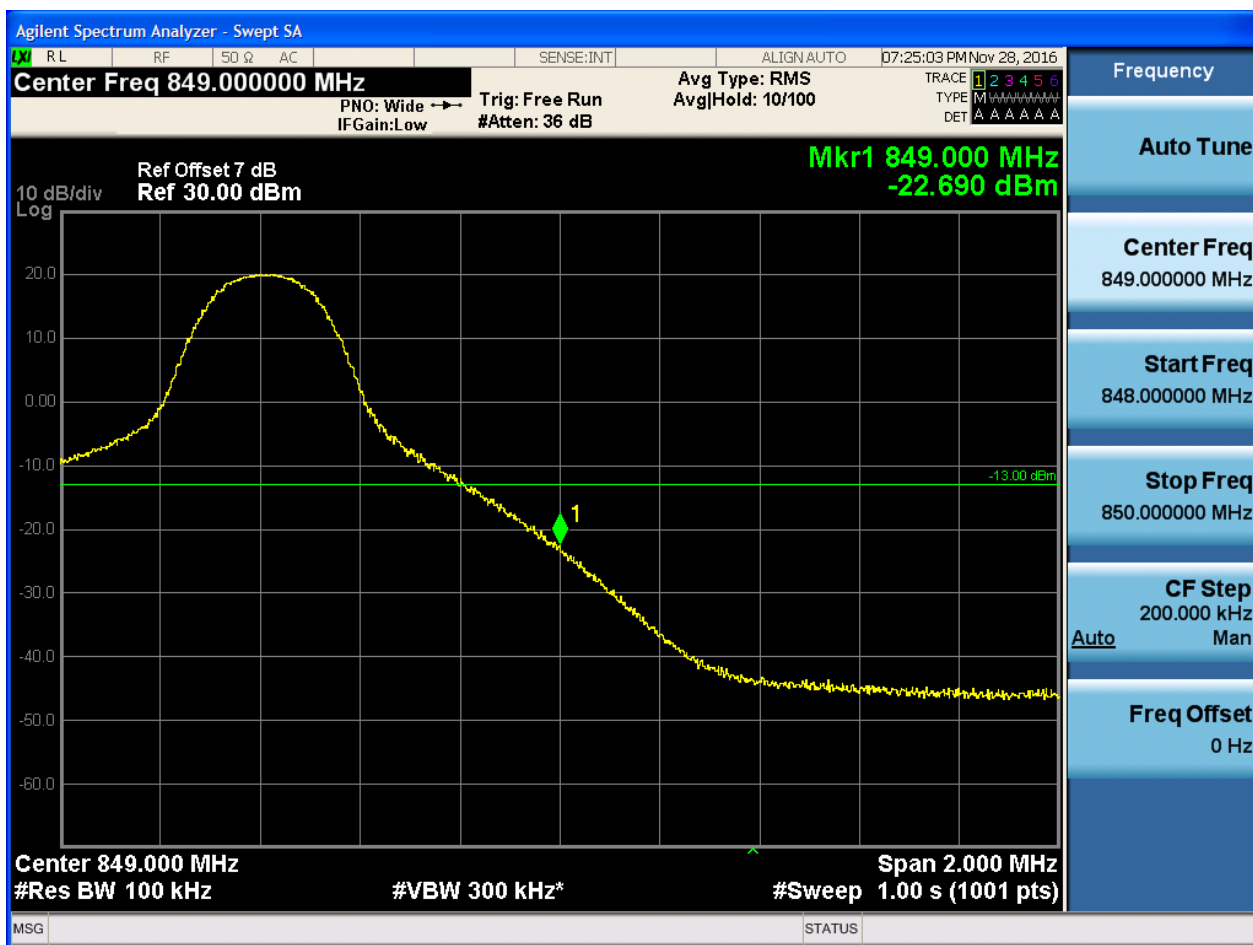
5.1.2.1.4.2 Test Channel = HCH

5.1.2.1.4.2.1 Test RB = RB1#0





5.1.2.1.4.2.2 Test RB = RB1#49





5.1.2.1.4.2.3 Test RB = RB25#13





5.1.2.1.4.2.4 Test RB = RB50#0

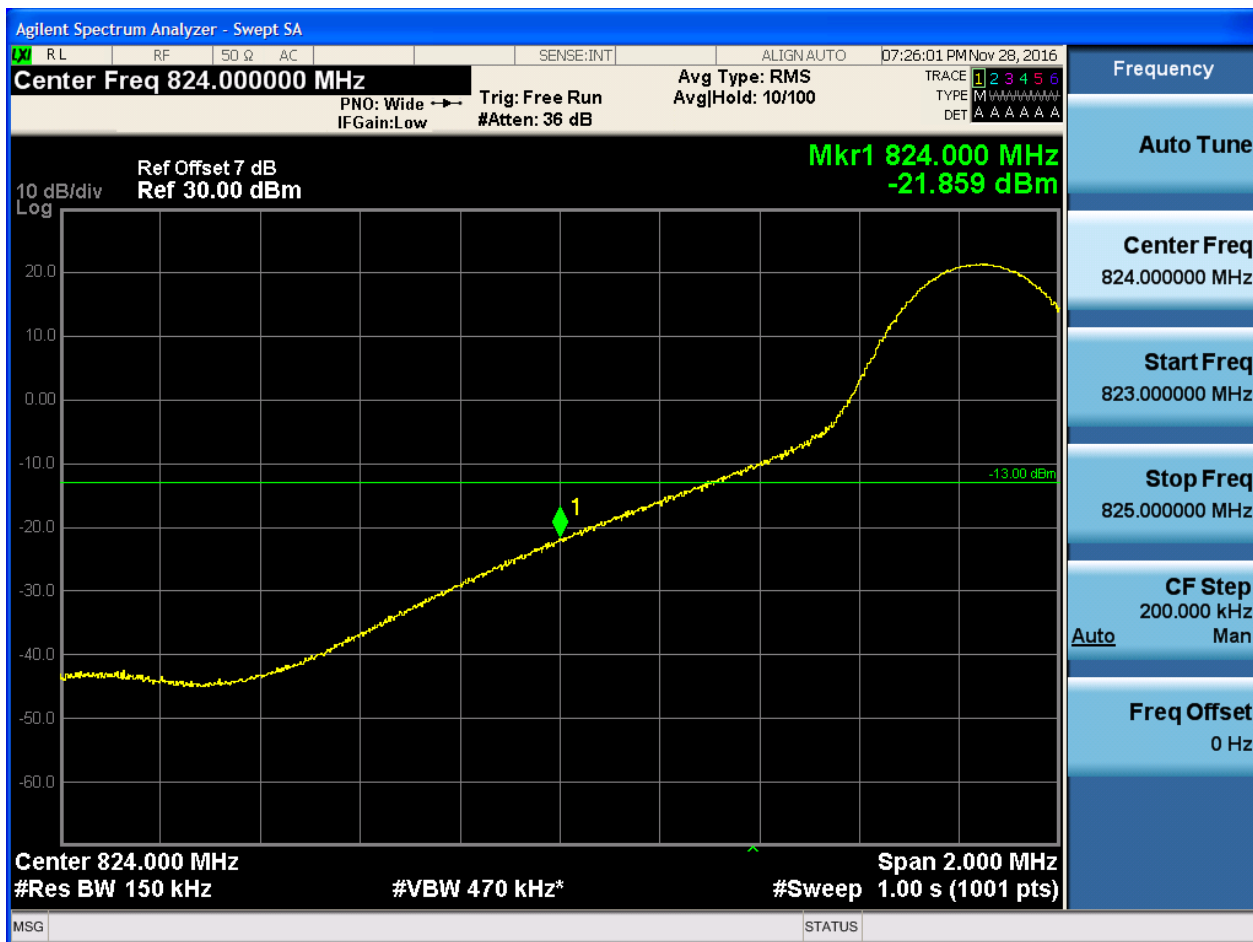




5.1.2.1.5 Test Bandwidth = 15

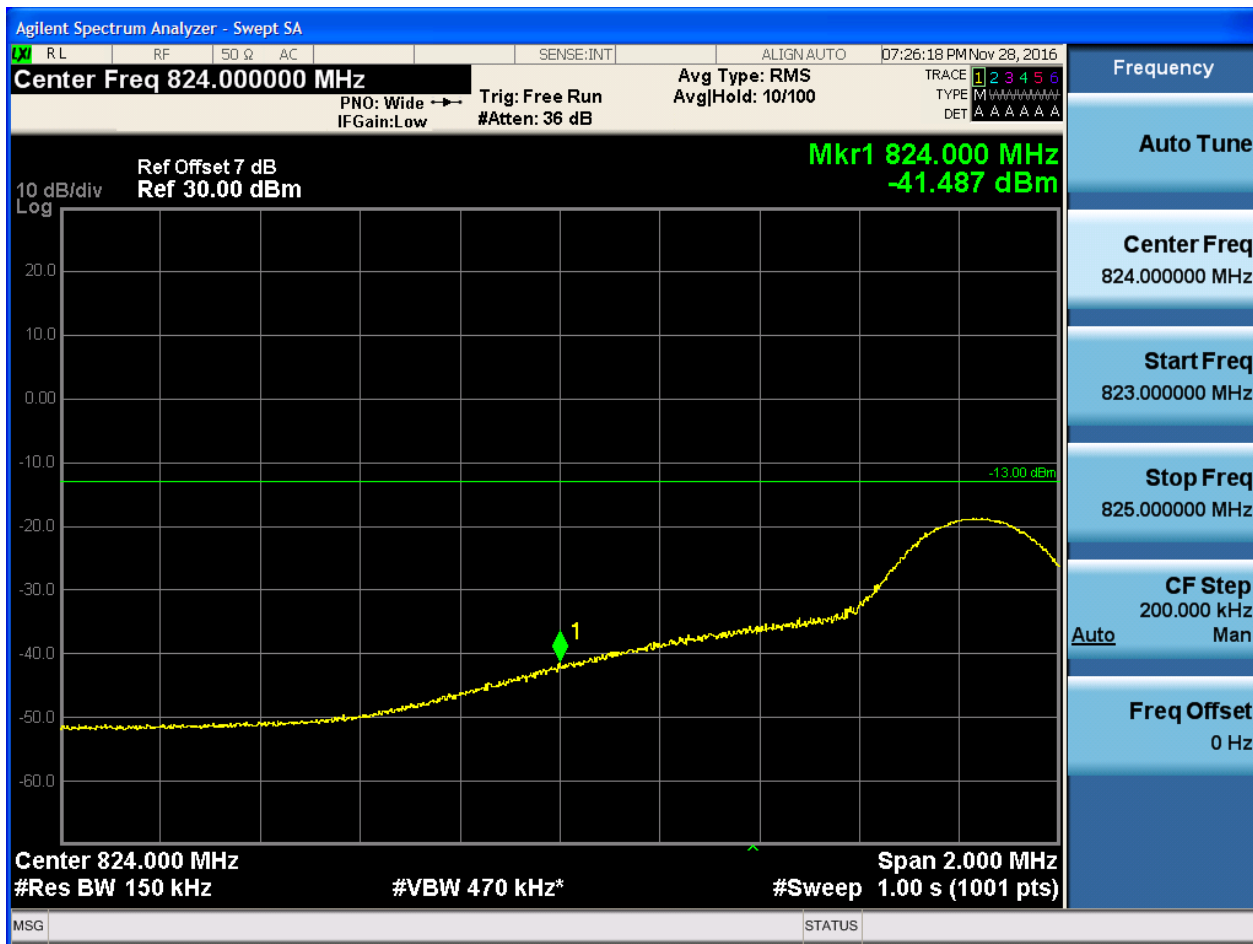
5.1.2.1.5.1 Test Channel = LCH

5.1.2.1.5.1.1 Test RB = RB1#0



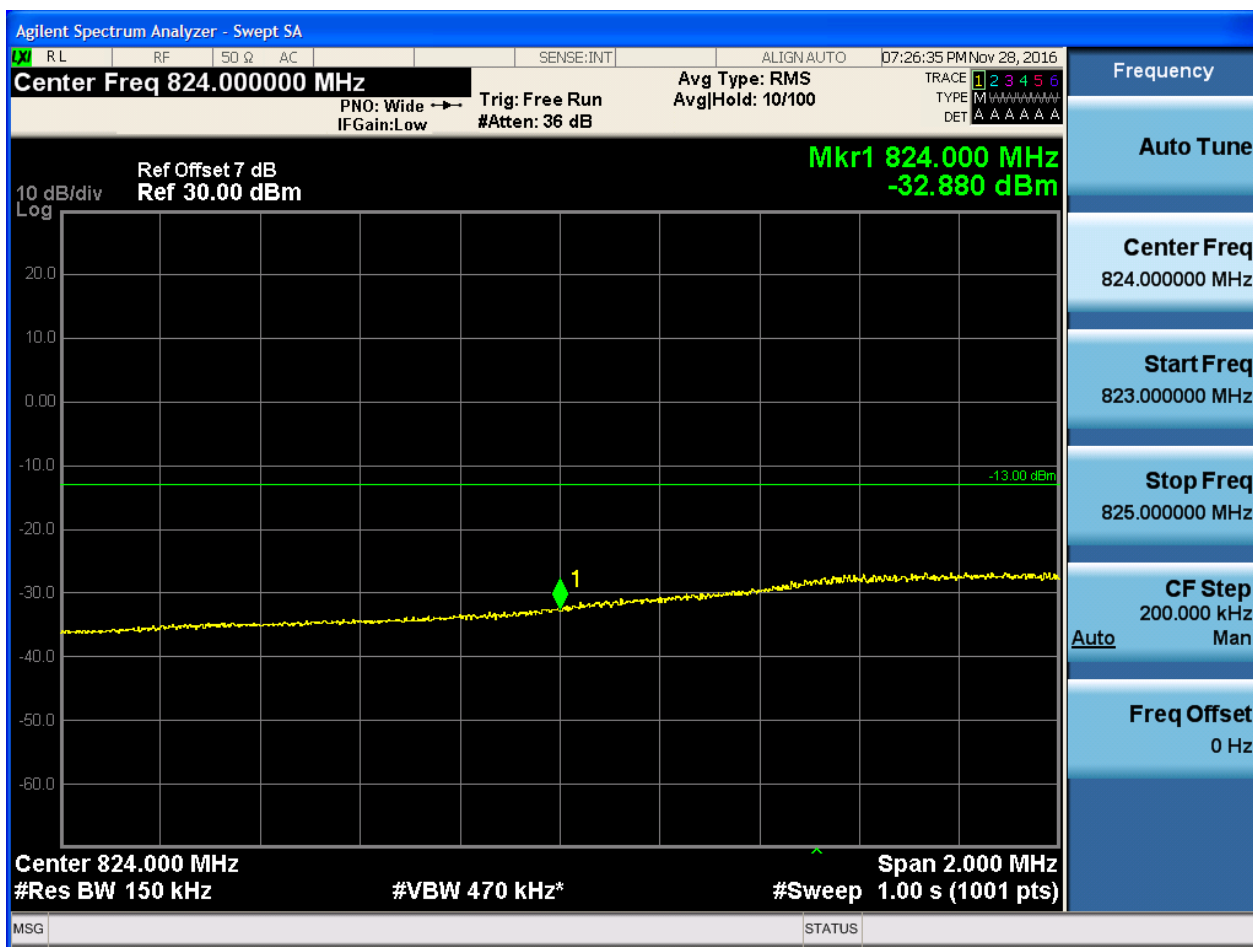


5.1.2.1.5.1.2 Test RB = RB1#74





5.1.2.1.5.1.3 Test RB = RB38#19





5.1.2.1.5.1.4 Test RB = RB75#0



5.1.2.1.5.2 Test Channel = HCH

5.1.2.1.5.2.1 Test RB = RB1#0





5.1.2.1.5.2.2 Test RB = RB1#74





5.1.2.1.5.2.3 Test RB = RB38#19





5.1.2.1.5.2.4 Test RB = RB75#0



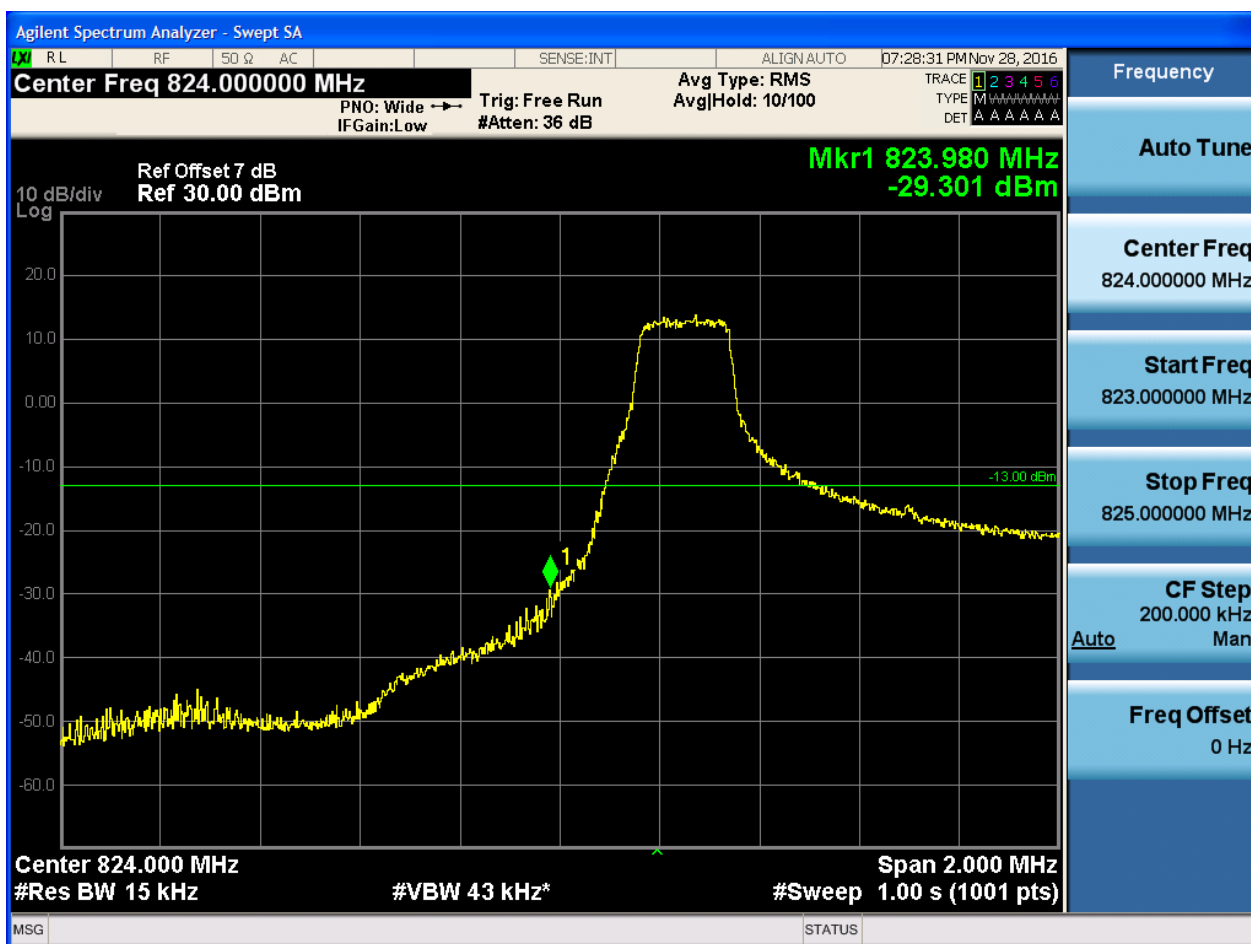


5.1.2.2 Test Mode = LTE/TM2

5.1.2.2.1 Test Bandwidth = 1.4

5.1.2.2.1.1 Test Channel = LCH

5.1.2.2.1.1.1 Test RB = RB1#0





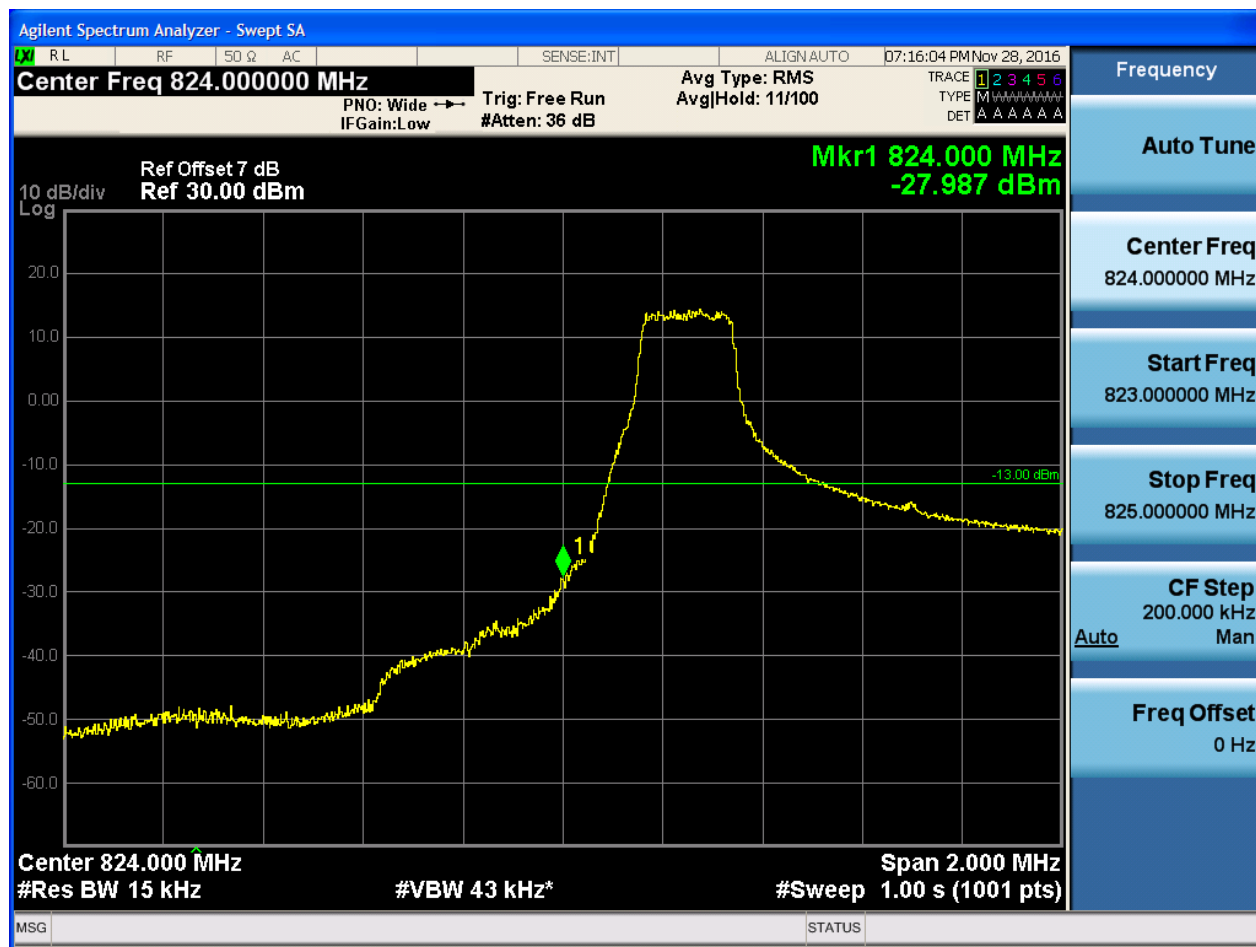
5.1.3 Test Band = BAND26

5.1.3.1 Test Mode = LTE/TM1

5.1.3.1.1 Test Bandwidth = 1.4

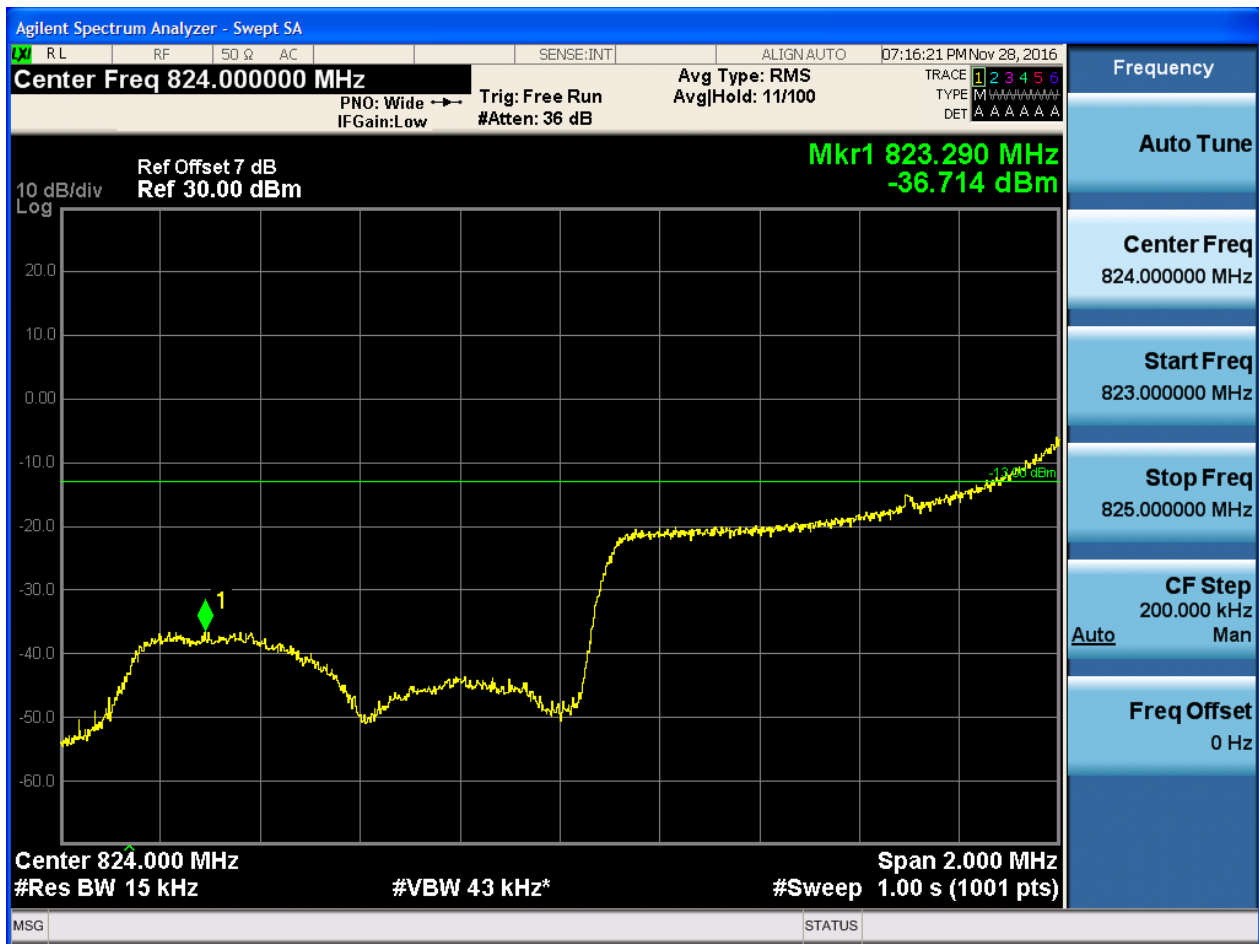
5.1.3.1.1.1 Test Channel = LCH

5.1.3.1.1.1.1 Test RB = RB1#0



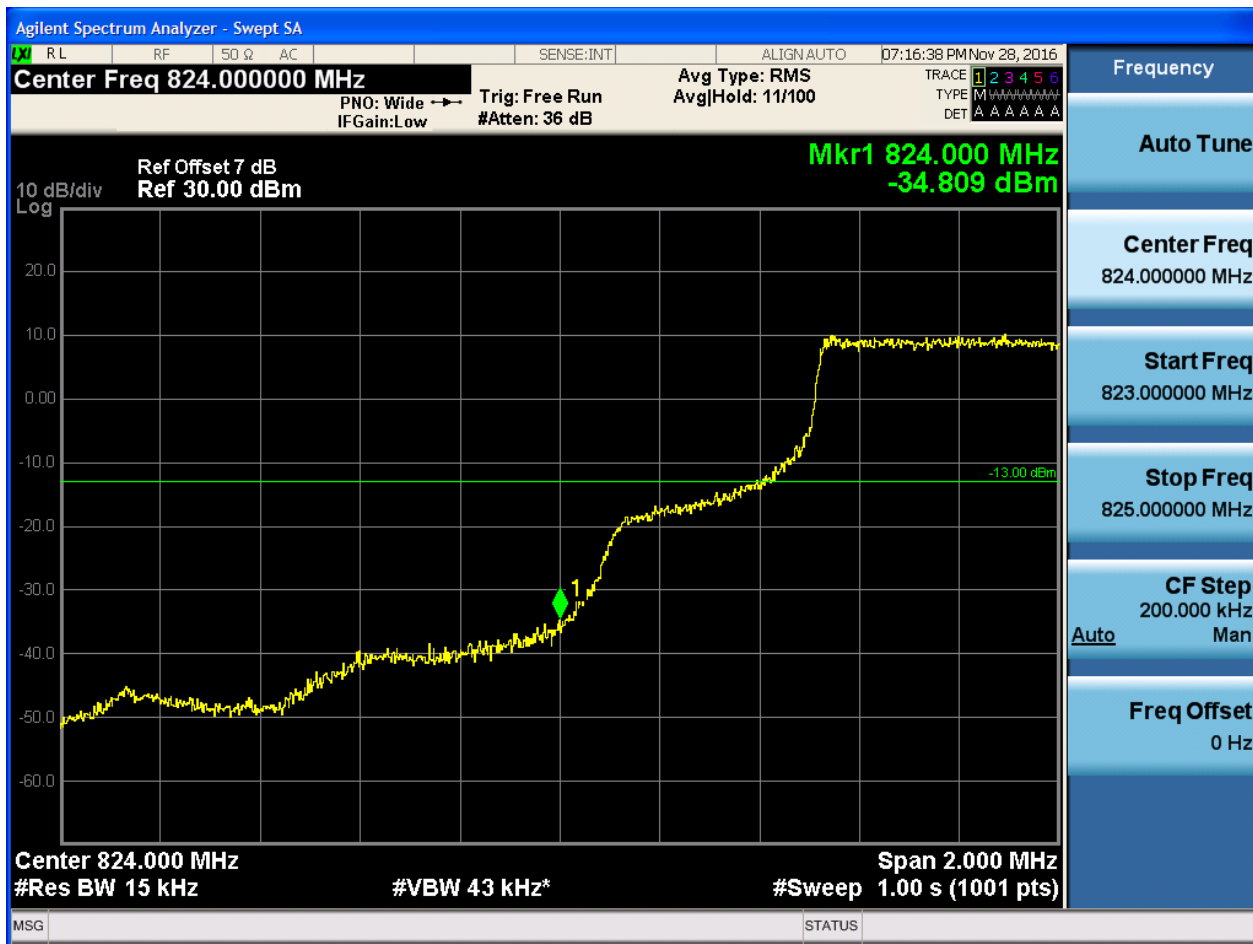


5.1.3.1.1.2 Test RB = RB1#5



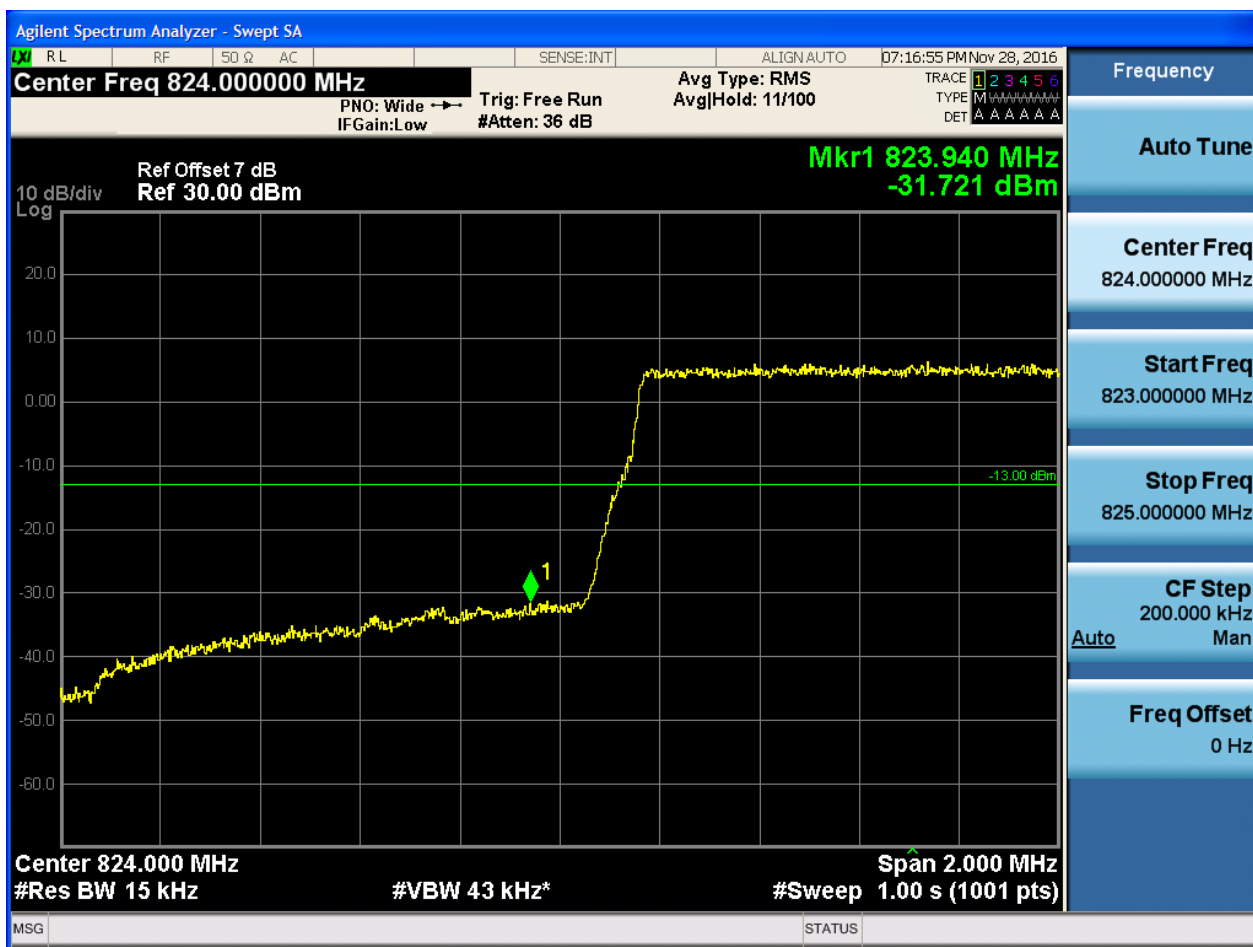


5.1.3.1.1.3 Test RB = RB3#2





5.1.3.1.1.4 Test RB = RB6#0



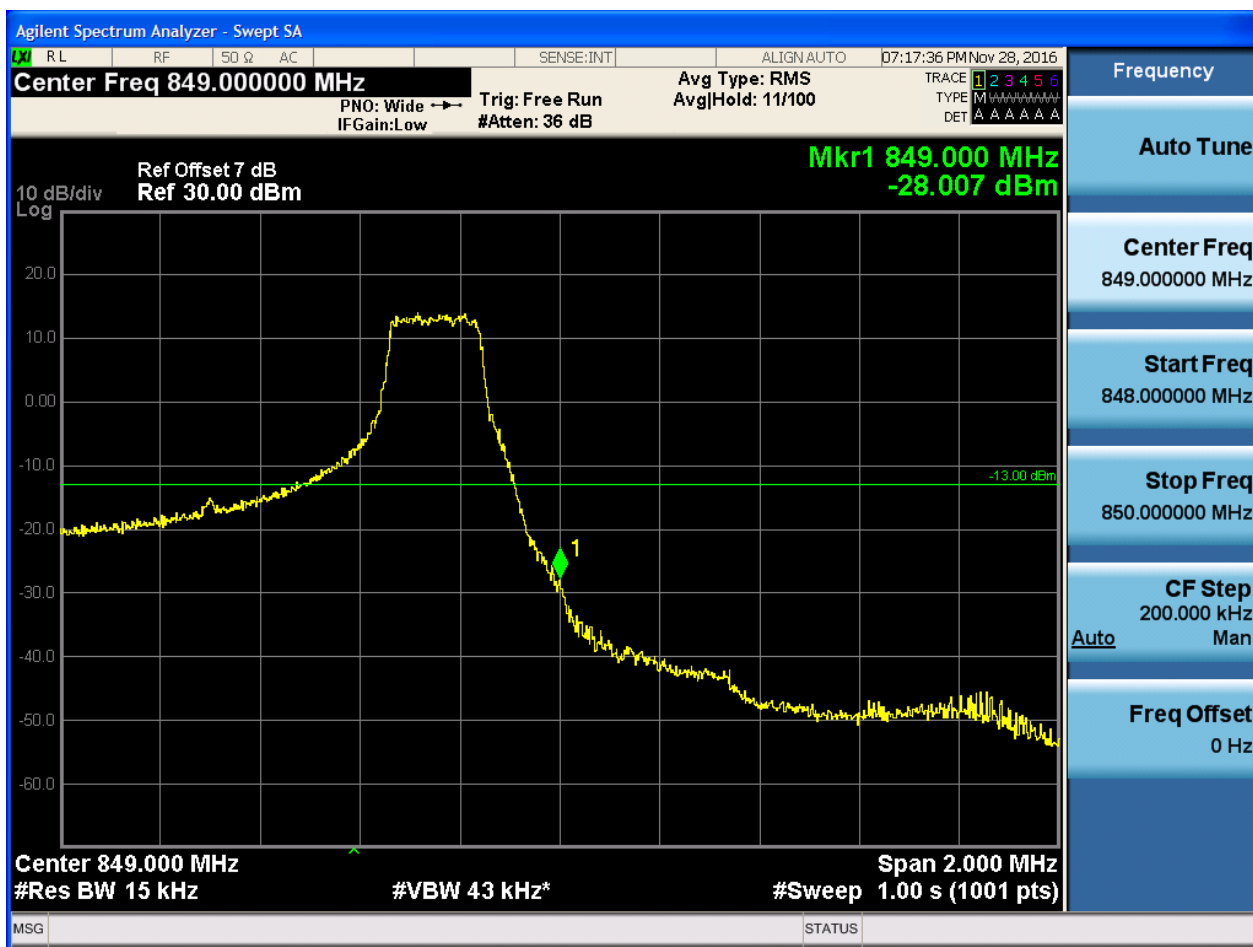
5.1.3.1.1.2 Test Channel = HCH

5.1.3.1.1.2.1 Test RB = RB1#0





5.1.3.1.1.2.2 Test RB = RB1#5



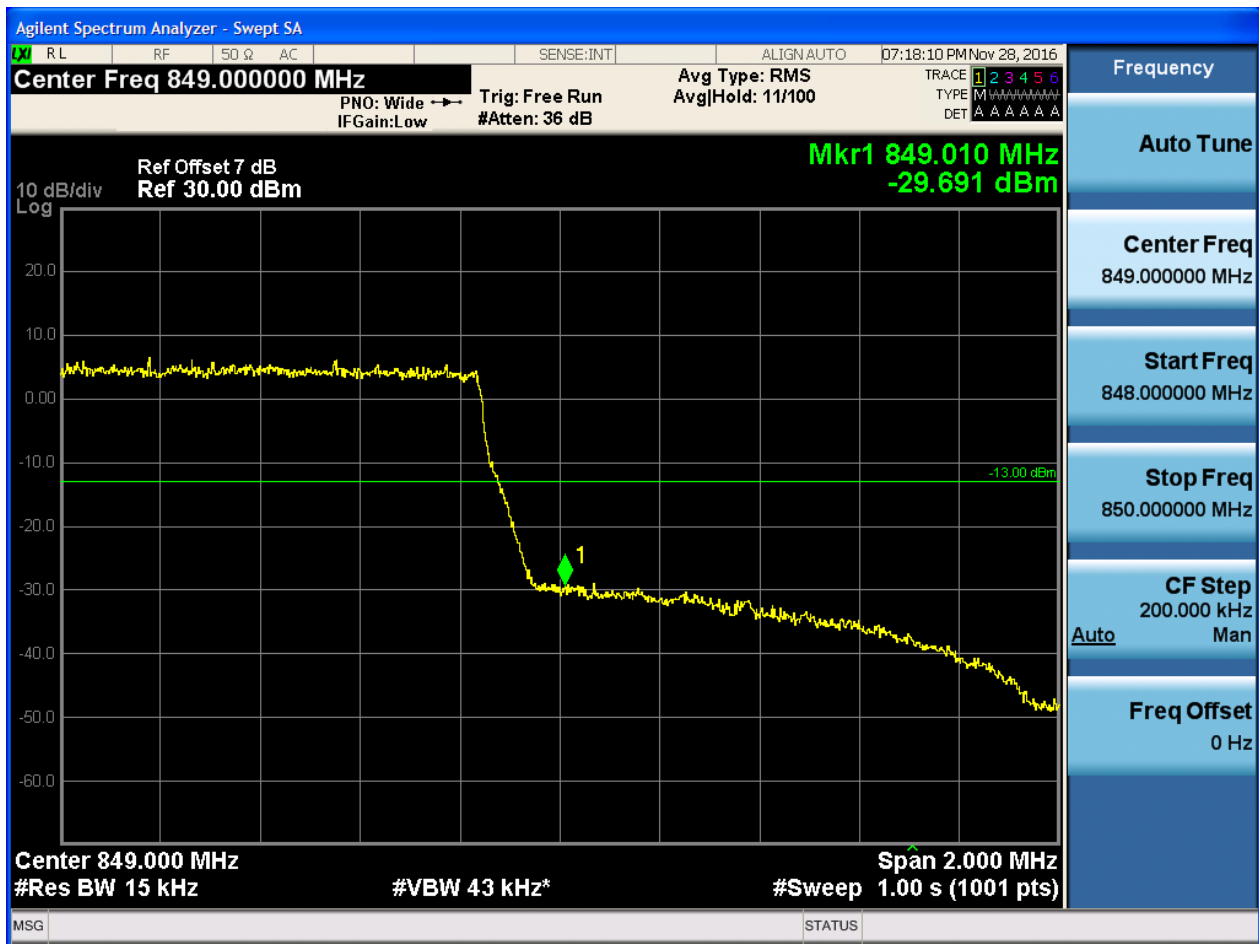


5.1.3.1.1.2.3 Test RB = RB3#2





5.1.3.1.1.2.4 Test RB = RB6#0

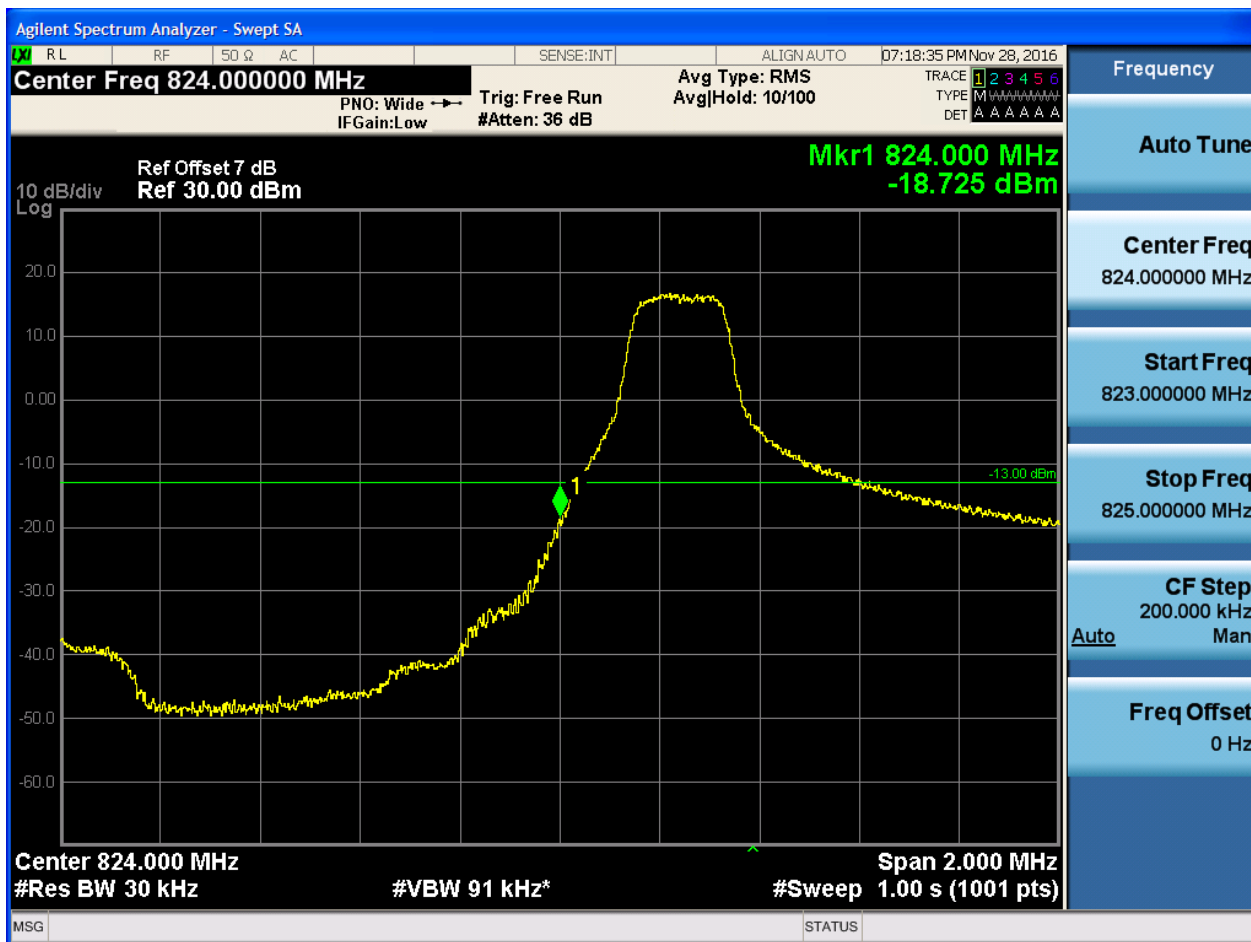




5.1.3.1.2 Test Bandwidth = 3

5.1.3.1.2.1 Test Channel = LCH

5.1.3.1.2.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 11/100

ALIGN AUTO

07:18:52 PM Nov 28, 2016

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

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

Mkr1 824.000 MHz
-34.070 dBm

-13.00 dBm

Center 824.000 MHz
#Res BW 30 kHz

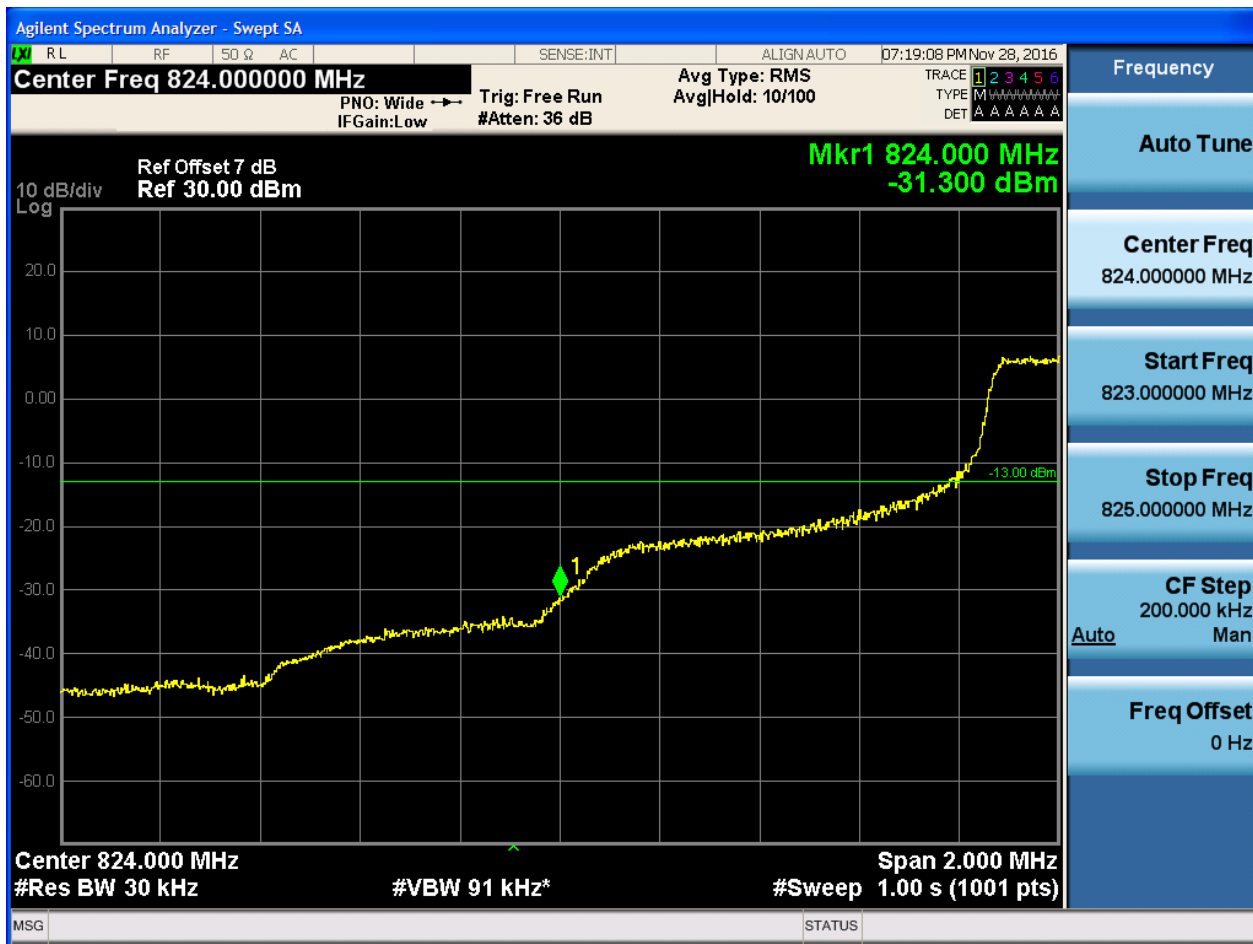
#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

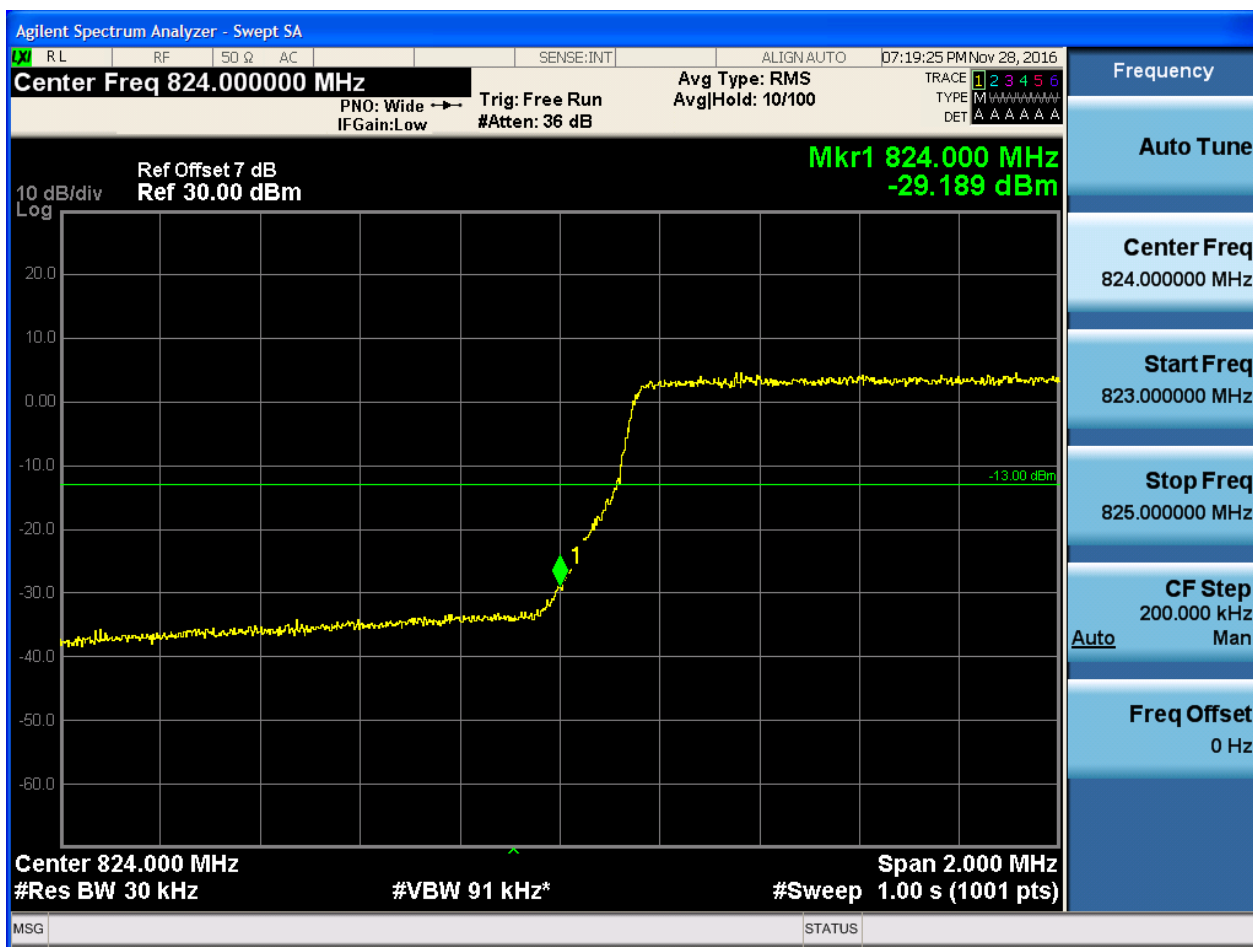


5.1.3.1.2.1.3 Test RB = RB8#4





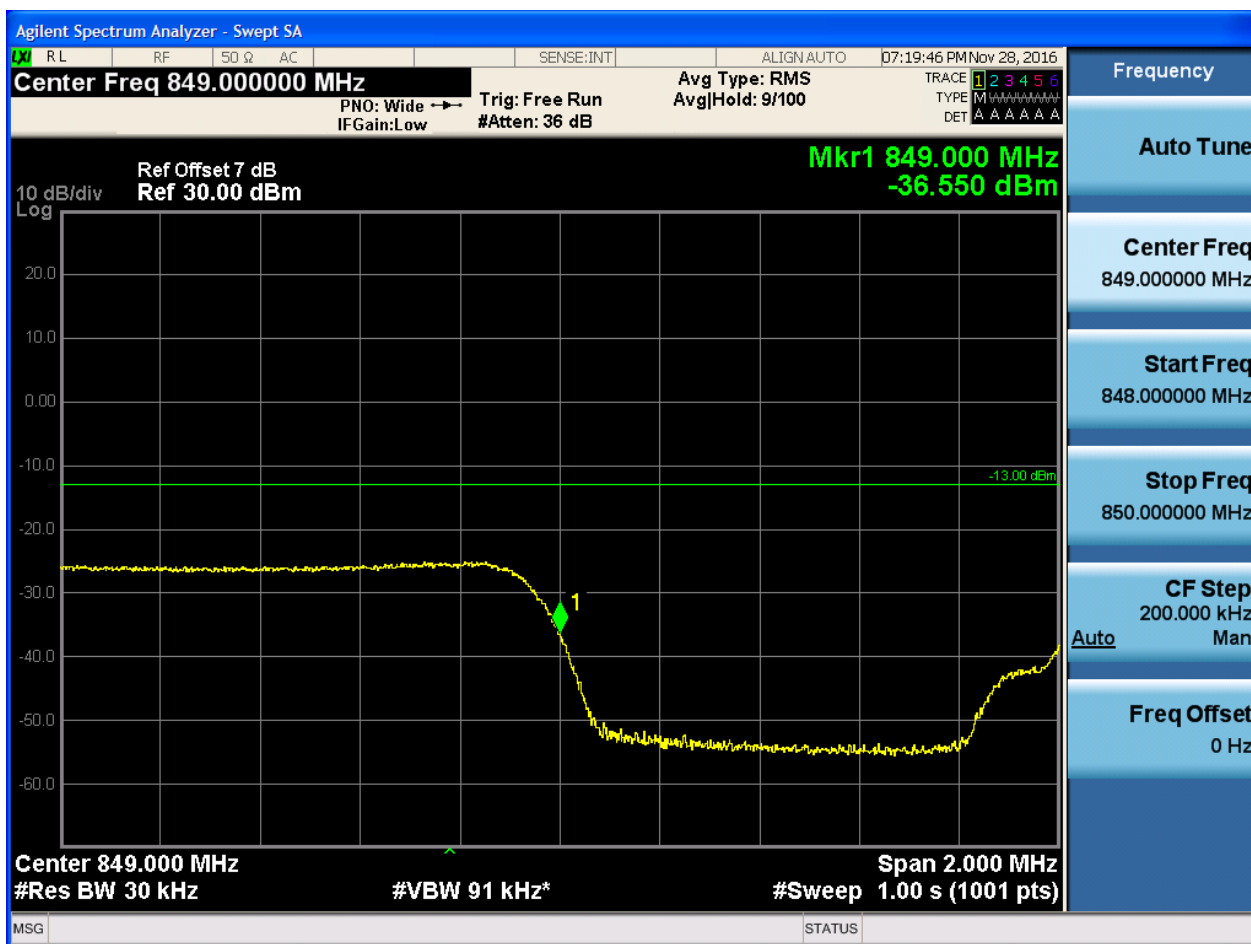
5.1.3.1.2.1.4 Test RB = RB15#0





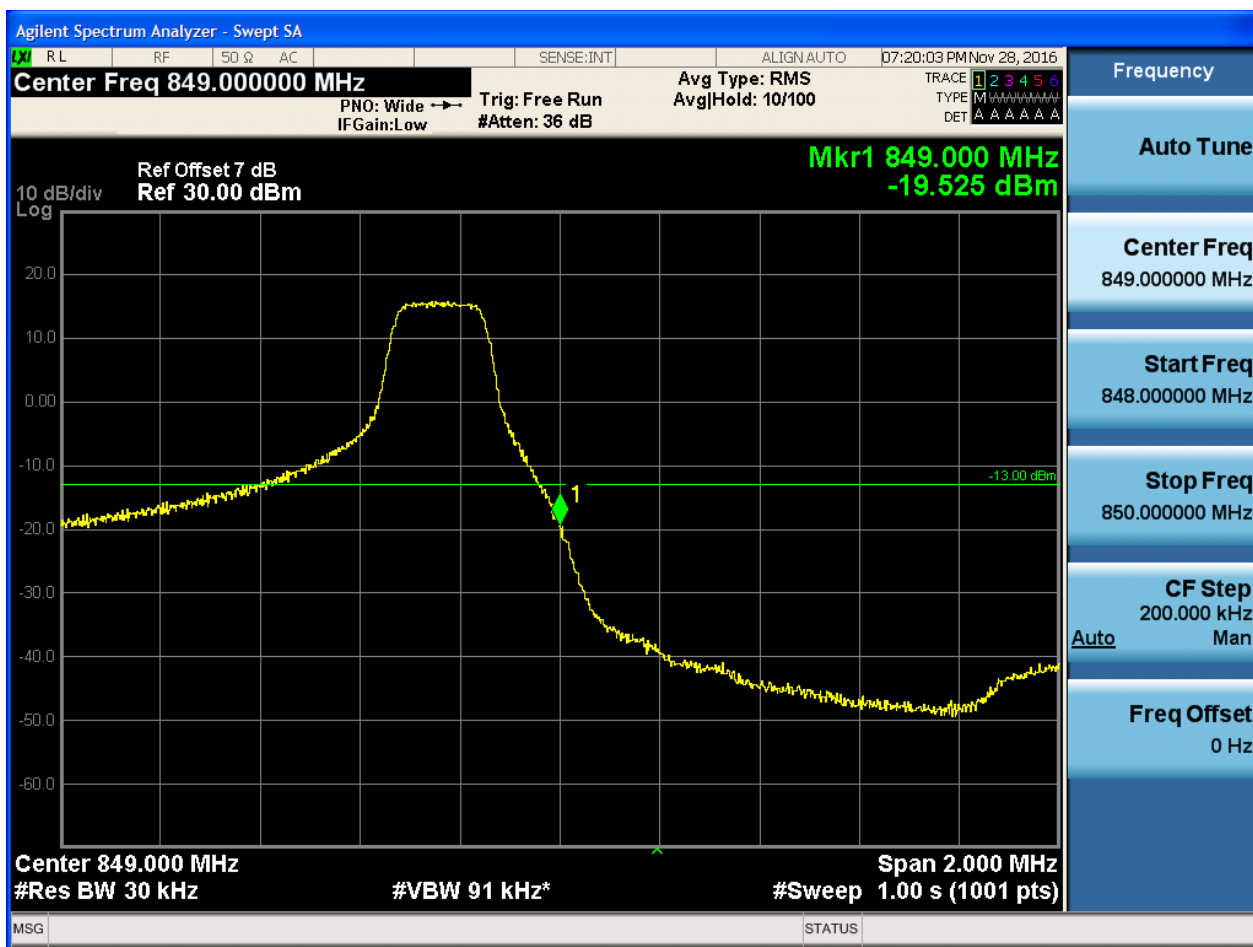
5.1.3.1.2.2 Test Channel = HCH

5.1.3.1.2.2.1 Test RB = RB1#0





5.1.3.1.2.2.2 Test RB = RB1#14





5.1.3.1.2.2.3 Test RB = RB8#4





5.1.3.1.2.2.4 Test RB = RB15#0

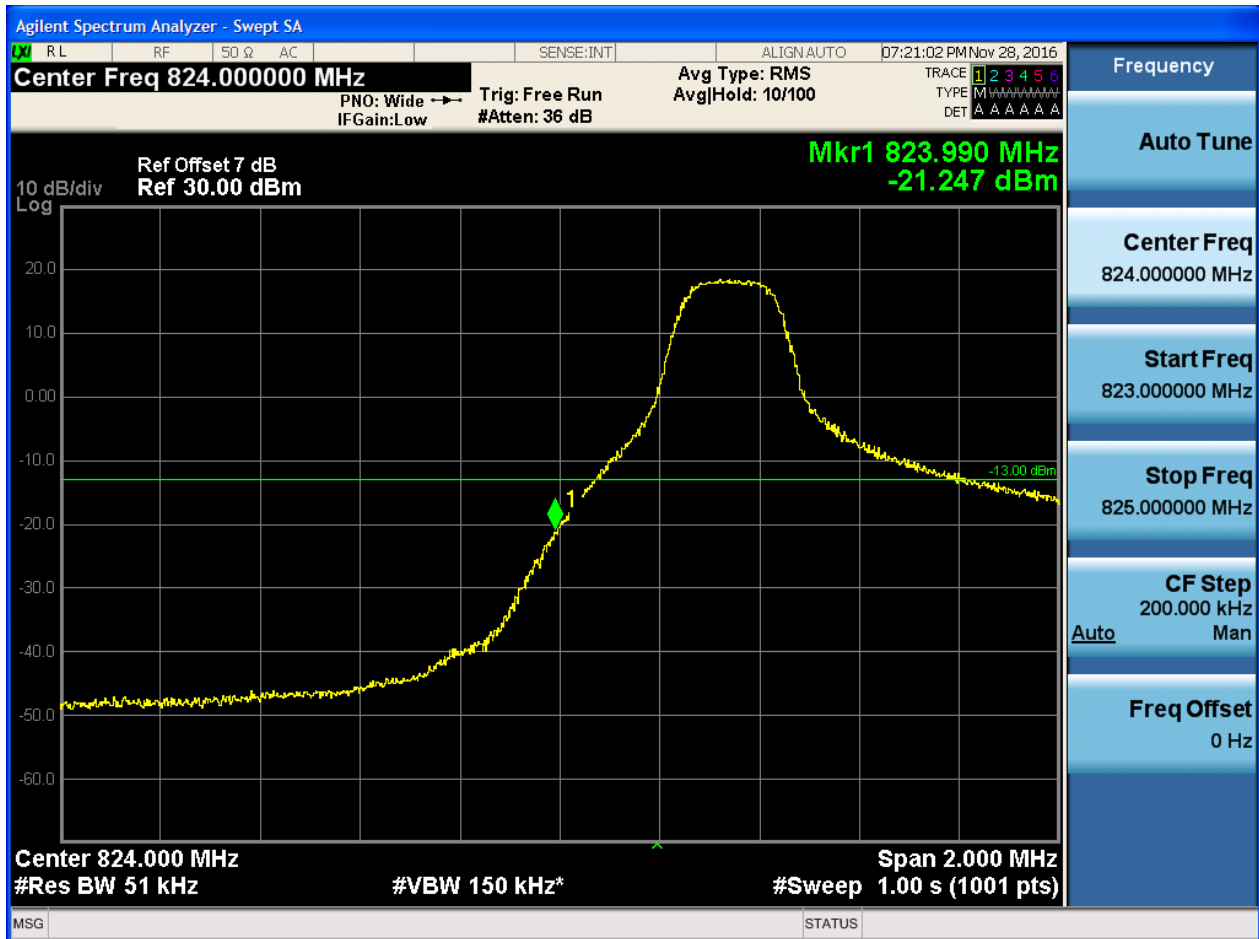




5.1.3.1.3 Test Bandwidth = 5

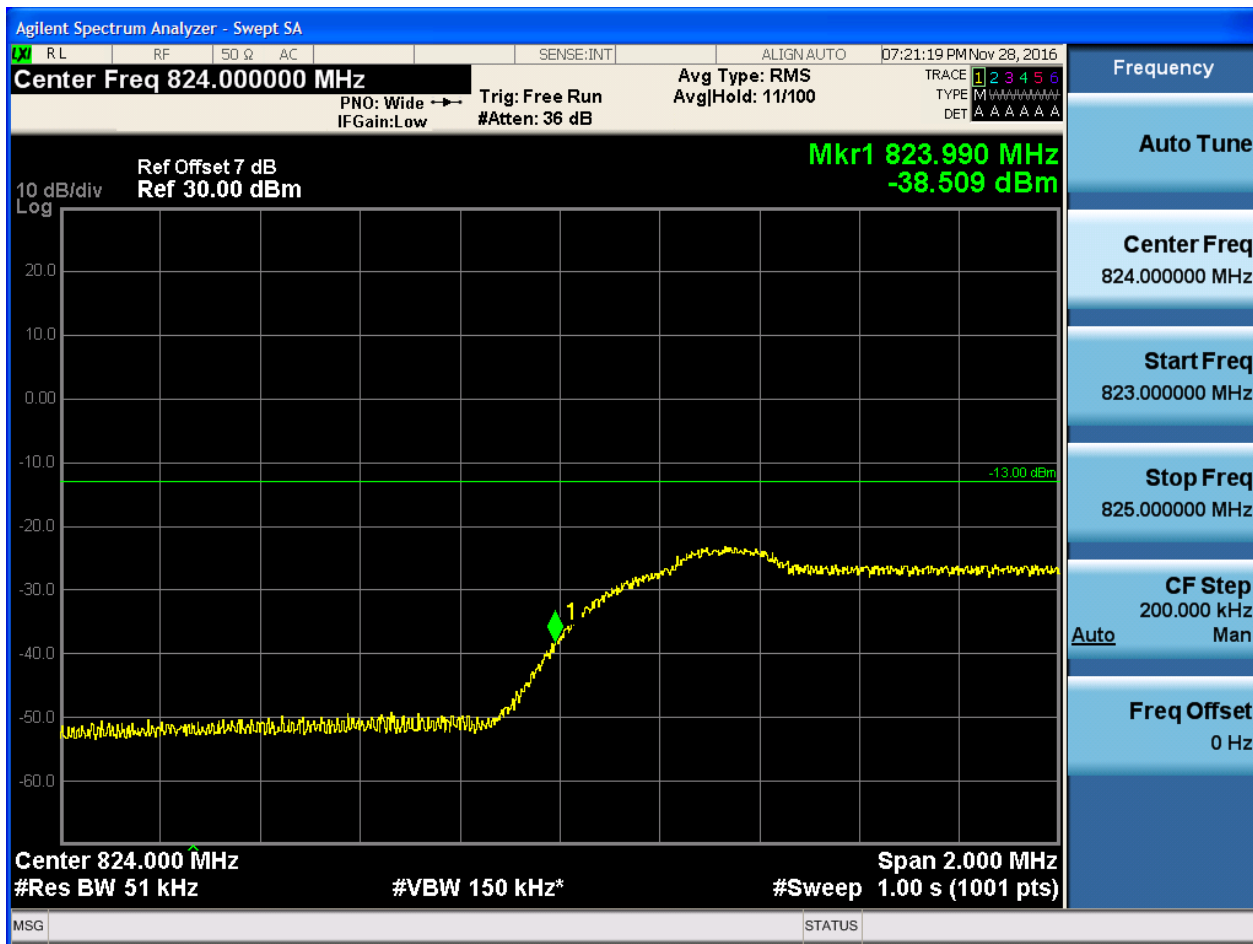
5.1.3.1.3.1 Test Channel = LCH

5.1.3.1.3.1.1 Test RB = RB1#0





5.1.3.1.3.1.2 Test RB = RB1#24



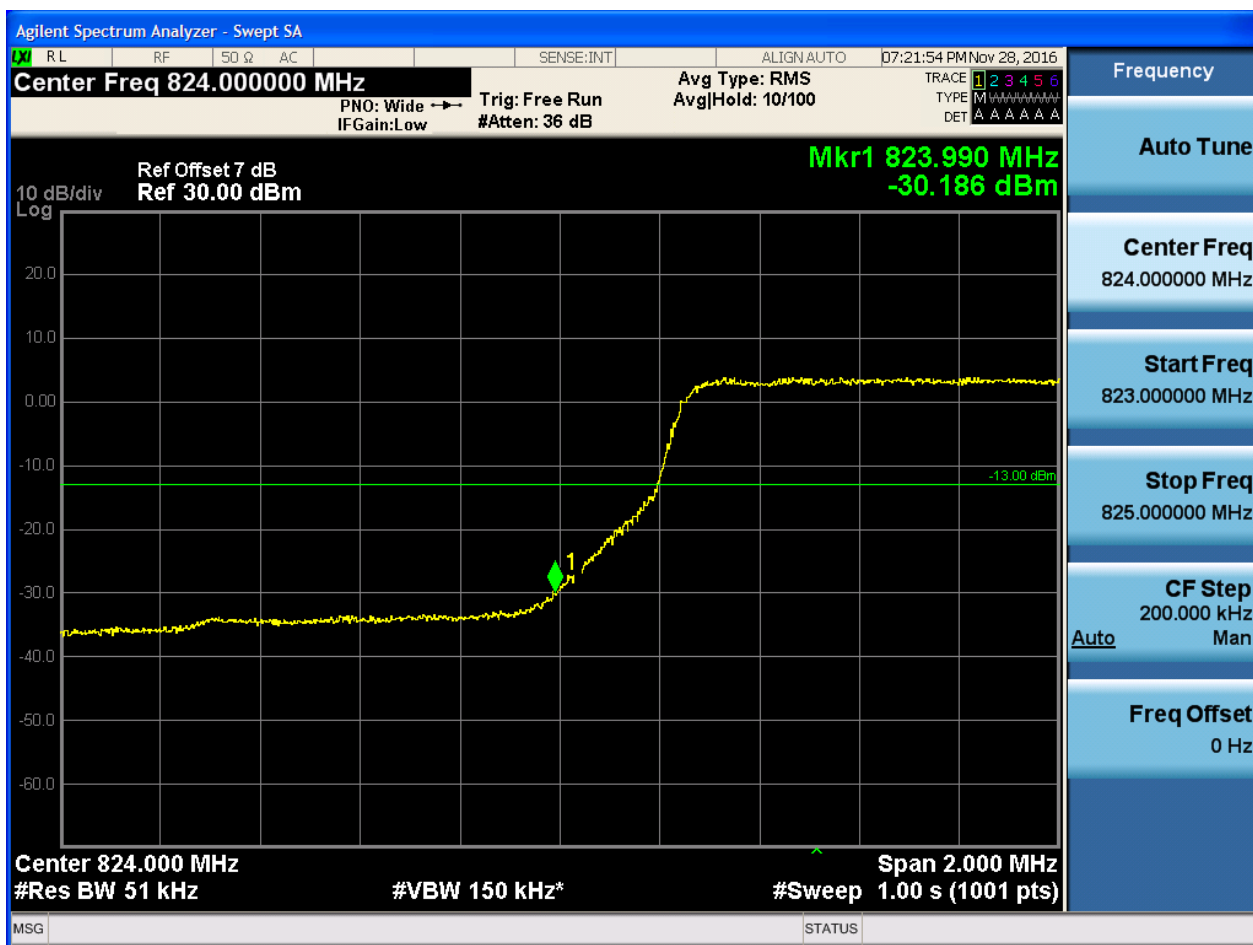


5.1.3.1.3.1.3 Test RB = RB12#6





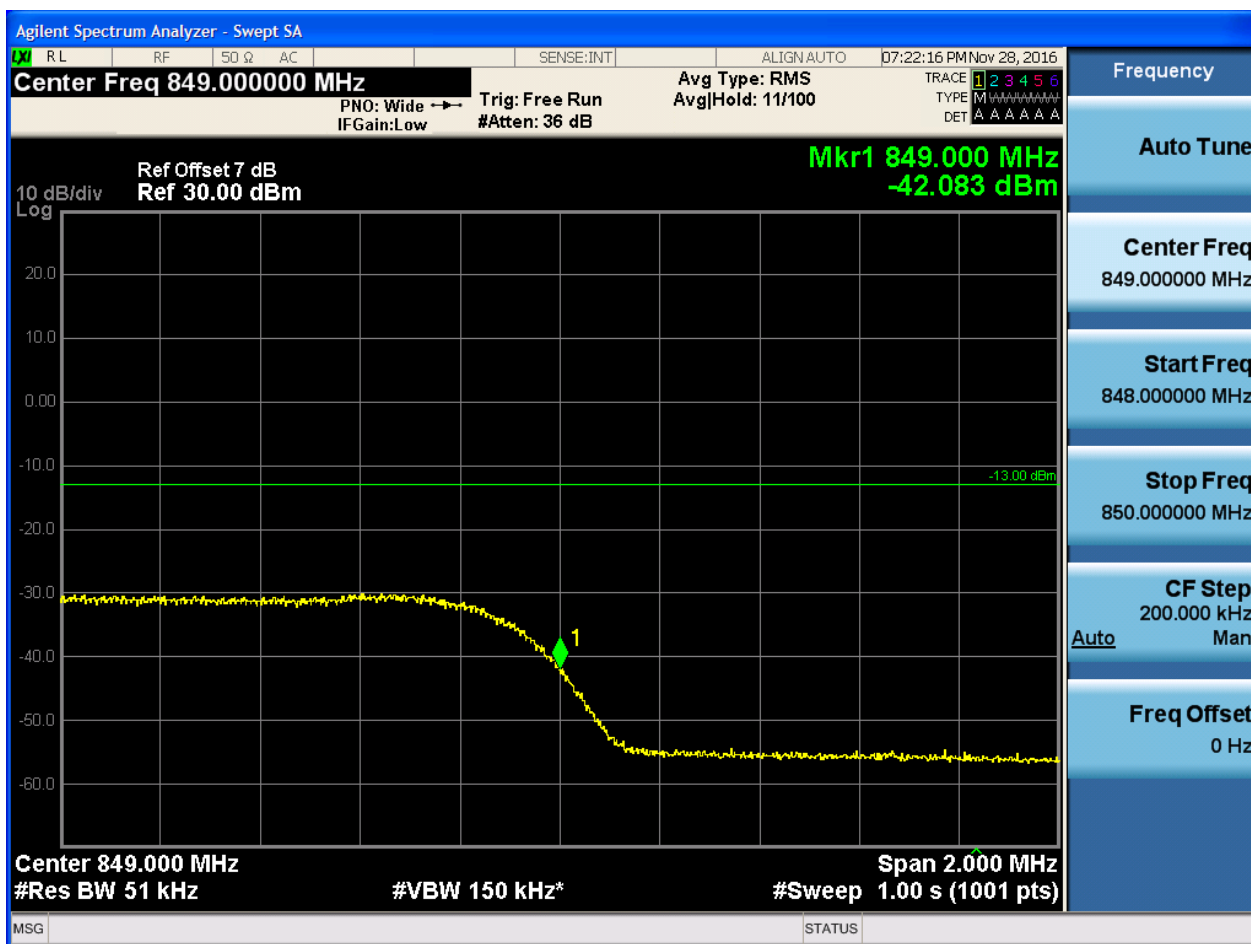
5.1.3.1.3.1.4 Test RB = RB25#0





5.1.3.1.3.2 Test Channel = HCH

5.1.3.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.000 MHz
-20.183 dBm

Center 849.000 MHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

Frequency	Power	Marker
849.000000 MHz	-20.183 dBm	1
848.000000 MHz	-13.00 dBm	
850.000000 MHz	-13.00 dBm	



5.1.3.1.3.2.3 Test RB = RB12#6





5.1.3.1.3.2.4 Test RB = RB25#0

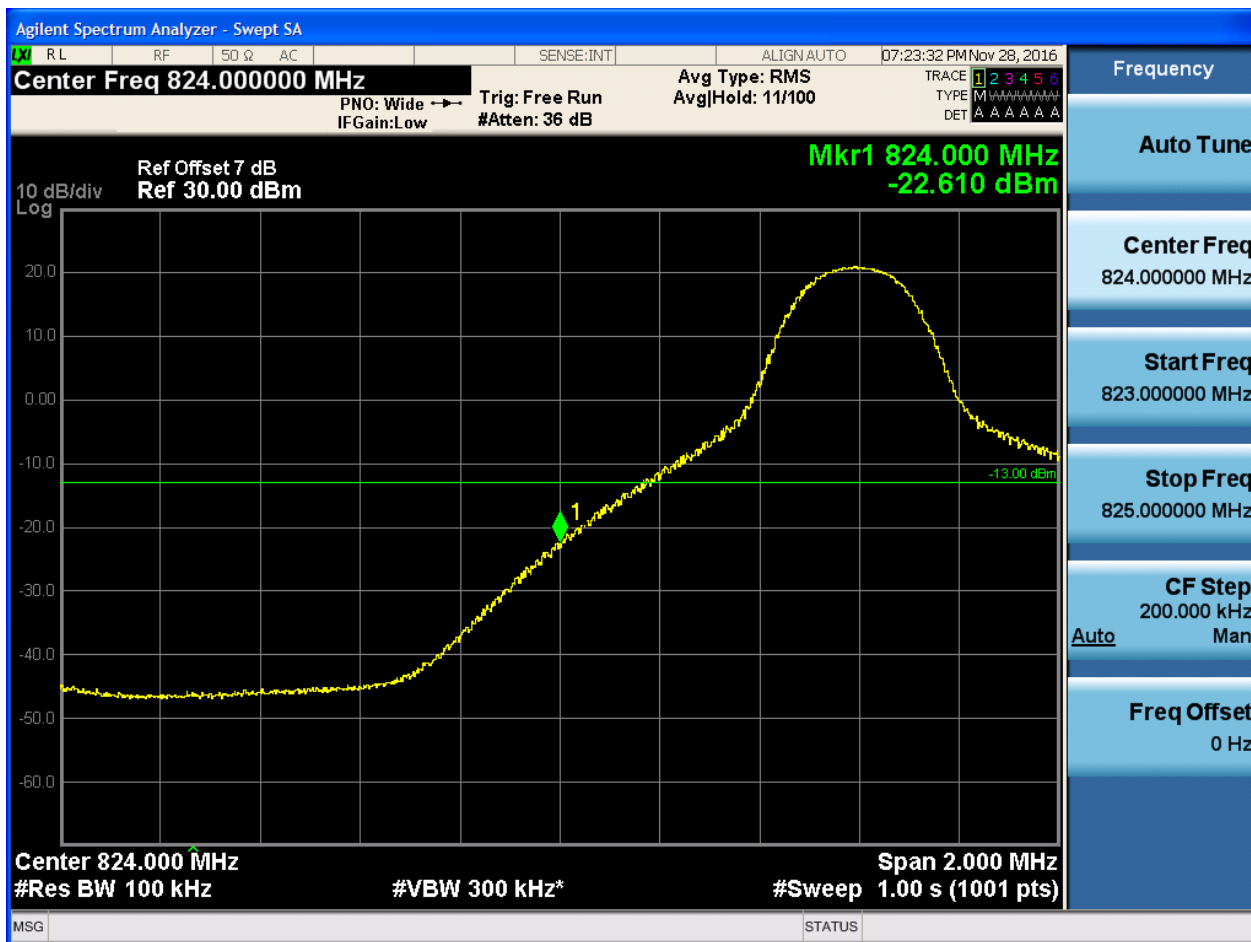




5.1.3.1.4 Test Bandwidth = 10

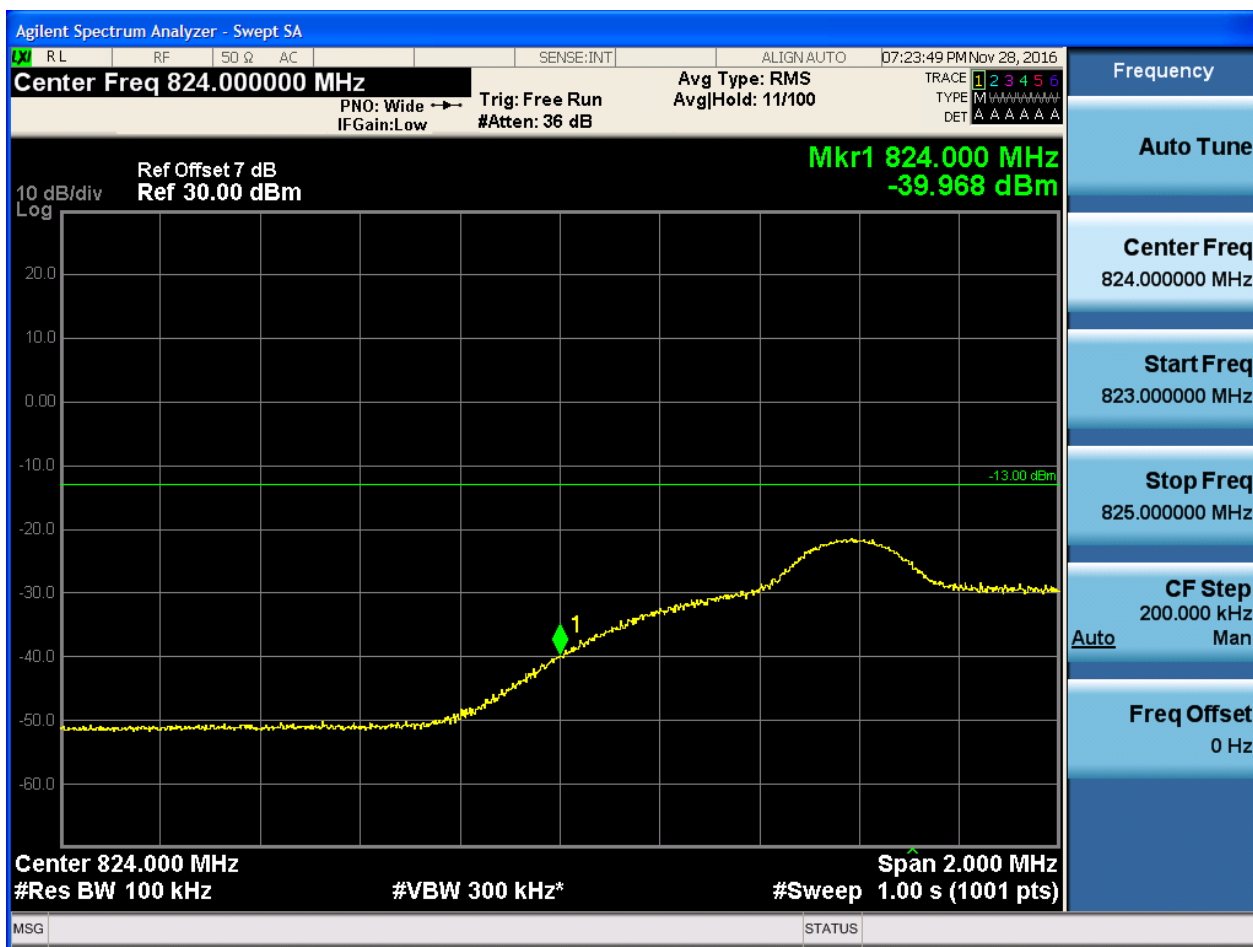
5.1.3.1.4.1 Test Channel = LCH

5.1.3.1.4.1.1 Test RB = RB1#0



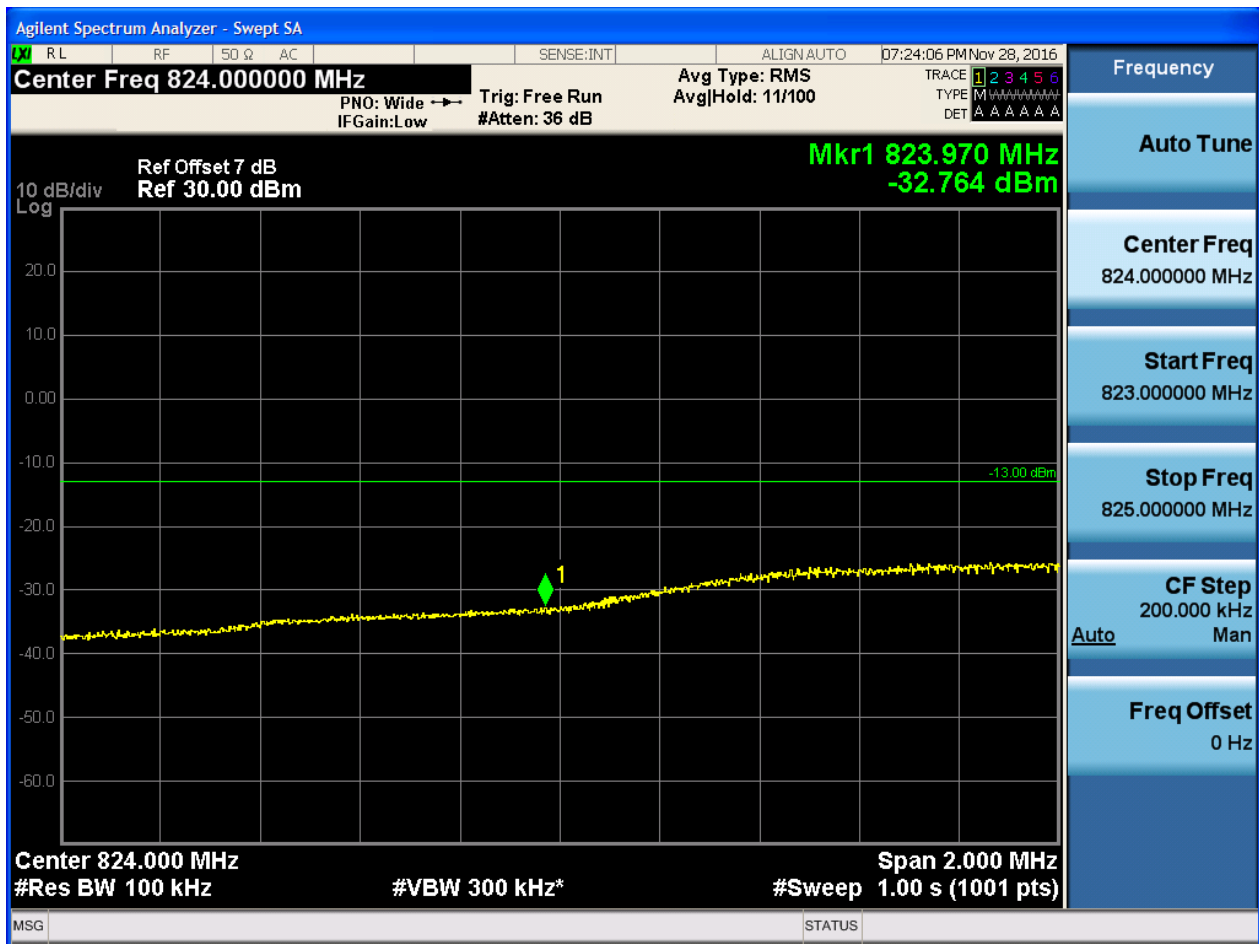


5.1.3.1.4.1.2 Test RB = RB1#49





5.1.3.1.4.1.3 Test RB = RB25#13





5.1.3.1.4.1.4 Test RB = RB50#0





5.1.3.1.4.2 Test Channel = HCH

5.1.3.1.4.2.1 Test RB = RB1#0





5.1.3.1.4.2.2 Test RB = RB1#49

