



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
BAND5	LTE/TM1	1.4	LCH	RB1#0	22.62	17.91	38.5	PASS
				RB1#3	22.76	18.15	38.5	PASS
				RB1#5	22.69	17.89	38.5	PASS
				RB3#0	22.71	17.86	38.5	PASS
				RB3#2	22.75	18.12	38.5	PASS
				RB3#3	22.71	17.79	38.5	PASS
			MCH	RB6#0	21.79	16.99	38.5	PASS
				RB1#0	22.59	17.97	38.5	PASS
				RB1#3	22.65	17.86	38.5	PASS
				RB1#5	22.51	17.91	38.5	PASS
				RB3#0	22.61	17.91	38.5	PASS
				RB3#2	22.62	17.92	38.5	PASS
				RB3#3	22.56	17.88	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.64	16.86	38.5	PASS
			HCH	RB1#0	22.29	17.72	38.5	PASS
				RB1#3	22.35	17.61	38.5	PASS
				RB1#5	22.29	17.48	38.5	PASS
				RB3#0	22.24	17.31	38.5	PASS
				RB3#2	22.3	17.49	38.5	PASS
				RB3#3	22.26	17.41	38.5	PASS
				RB6#0	21.42	16.72	38.5	PASS
		3	LCH	RB1#0	22.59	17.93	38.5	PASS
				RB1#7	22.88	18.07	38.5	PASS
				RB1#14	22.54	17.60	38.5	PASS
				RB8#0	21.79	17.07	38.5	PASS
				RB8#4	21.83	16.93	38.5	PASS
				RB8#7	21.79	16.93	38.5	PASS
				RB15#0	21.76	17.08	38.5	PASS
			MCH	RB1#0	22.56	17.62	38.5	PASS
				RB1#7	22.69	18.00	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.41	17.51	38.5	PASS
				RB8#0	21.65	16.90	38.5	PASS
				RB8#4	21.64	16.85	38.5	PASS
				RB8#7	21.57	16.88	38.5	PASS
				RB15#0	21.6	16.86	38.5	PASS
			HCH	RB1#0	22.28	17.48	38.5	PASS
				RB1#7	22.45	17.52	38.5	PASS
				RB1#14	22.2	17.37	38.5	PASS
				RB8#0	21.28	16.36	38.5	PASS
				RB8#4	21.29	16.44	38.5	PASS
				RB8#7	21.26	16.39	38.5	PASS
				RB15#0	21.3	16.40	38.5	PASS
		5	LCH	RB1#0	22.52	17.78	38.5	PASS
				RB1#13	22.79	18.00	38.5	PASS
				RB1#24	22.52	17.59	38.5	PASS
				RB12#0	21.76	17.12	38.5	PASS
				RB12#6	21.87	16.99	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.72	17.06	38.5	PASS
				RB25#0	21.7	16.79	38.5	PASS
			MCH	RB1#0	22.51	17.77	38.5	PASS
				RB1#13	22.65	17.71	38.5	PASS
				RB1#24	22.27	17.37	38.5	PASS
				RB12#0	21.65	17.01	38.5	PASS
				RB12#6	21.64	17.04	38.5	PASS
				RB12#13	21.49	16.64	38.5	PASS
				RB25#0	21.54	16.75	38.5	PASS
			HCH	RB1#0	22.41	17.74	38.5	PASS
				RB1#13	22.36	17.56	38.5	PASS
				RB1#24	22.05	17.38	38.5	PASS
				RB12#0	21.41	16.62	38.5	PASS
				RB12#6	21.35	16.48	38.5	PASS
				RB12#13	21.19	16.48	38.5	PASS
				RB25#0	21.28	16.70	38.5	PASS
		10	LCH	RB1#0	22.32	17.53	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.83	18.01	38.5	PASS
				RB1#49	22.33	17.75	38.5	PASS
				RB25#0	21.68	17.07	38.5	PASS
				RB25#13	21.83	17.06	38.5	PASS
				RB25#25	21.71	16.95	38.5	PASS
				RB50#0	21.68	16.82	38.5	PASS
			MCH	RB1#0	22.45	17.70	38.5	PASS
				RB1#25	22.66	17.73	38.5	PASS
				RB1#49	22.28	17.46	38.5	PASS
				RB25#0	21.54	16.82	38.5	PASS
				RB25#13	21.57	16.86	38.5	PASS
				RB25#25	21.43	16.68	38.5	PASS
				RB50#0	21.48	16.61	38.5	PASS
			HCH	RB1#0	22.22	17.65	38.5	PASS
				RB1#25	22.62	17.83	38.5	PASS
				RB1#49	22.02	17.40	38.5	PASS
				RB25#0	21.47	16.63	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.6	16.72	38.5	PASS
				RB25#25	21.36	16.73	38.5	PASS
				RB50#0	21.57	16.81	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.93	17.23	38.5	PASS
				RB1#3	22.04	17.45	38.5	PASS
				RB1#5	21.84	17.14	38.5	PASS
				RB3#0	21.7	17.05	38.5	PASS
				RB3#2	21.89	17.25	38.5	PASS
				RB3#3	21.7	17.10	38.5	PASS
				RB6#0	20.67	15.89	38.5	PASS
			MCH	RB1#0	21.82	17.10	38.5	PASS
				RB1#3	21.88	17.15	38.5	PASS
				RB1#5	21.79	16.92	38.5	PASS
				RB3#0	21.79	16.94	38.5	PASS
				RB3#2	21.7	17.13	38.5	PASS
				RB3#3	21.73	17.01	38.5	PASS
				RB6#0	20.69	15.80	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.42	16.54	38.5	PASS
				RB1#3	21.59	16.76	38.5	PASS
				RB1#5	21.55	16.90	38.5	PASS
				RB3#0	21.37	16.70	38.5	PASS
				RB3#2	21.32	16.59	38.5	PASS
				RB3#3	21.44	16.66	38.5	PASS
				RB6#0	20.44	15.68	38.5	PASS
		3	LCH	RB1#0	21.75	17.20	38.5	PASS
				RB1#7	21.96	17.38	38.5	PASS
				RB1#14	21.73	17.06	38.5	PASS
				RB8#0	20.68	16.04	38.5	PASS
				RB8#4	20.71	15.77	38.5	PASS
				RB8#7	20.66	15.80	38.5	PASS
				RB15#0	20.59	15.66	38.5	PASS
			MCH	RB1#0	21.63	16.86	38.5	PASS
				RB1#7	21.89	17.05	38.5	PASS
				RB1#14	21.59	16.93	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.74	15.83	38.5	PASS
				RB8#4	20.72	15.97	38.5	PASS
				RB8#7	20.64	15.84	38.5	PASS
				RB15#0	20.6	15.66	38.5	PASS
			HCH	RB1#0	21.29	16.51	38.5	PASS
				RB1#7	21.38	16.66	38.5	PASS
				RB1#14	21.36	16.55	38.5	PASS
				RB8#0	20.4	15.83	38.5	PASS
				RB8#4	20.42	15.80	38.5	PASS
				RB8#7	20.38	15.48	38.5	PASS
				RB15#0	20.45	15.87	38.5	PASS
		5	LCH	RB1#0	21.7	16.79	38.5	PASS
				RB1#13	21.97	17.12	38.5	PASS
				RB1#24	21.68	16.78	38.5	PASS
				RB12#0	20.62	15.94	38.5	PASS
				RB12#6	20.72	15.82	38.5	PASS
				RB12#13	20.55	15.68	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.53	15.70	38.5	PASS
			MCH	RB1#0	21.43	16.55	38.5	PASS
				RB1#13	21.67	17.03	38.5	PASS
				RB1#24	21.24	16.54	38.5	PASS
				RB12#0	20.7	15.87	38.5	PASS
				RB12#6	20.67	15.78	38.5	PASS
				RB12#13	20.51	15.66	38.5	PASS
				RB25#0	20.54	15.84	38.5	PASS
			HCH	RB1#0	21.58	16.77	38.5	PASS
				RB1#13	21.49	16.57	38.5	PASS
				RB1#24	21.34	16.41	38.5	PASS
				RB12#0	20.59	15.92	38.5	PASS
				RB12#6	20.47	15.88	38.5	PASS
				RB12#13	20.31	15.51	38.5	PASS
				RB25#0	20.36	15.67	38.5	PASS
		10	LCH	RB1#0	21.57	16.79	38.5	PASS
				RB1#25	22.03	17.21	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.46	16.83	38.5	PASS
				RB25#0	20.57	15.90	38.5	PASS
				RB25#13	20.73	16.00	38.5	PASS
				RB25#25	20.6	15.94	38.5	PASS
				RB50#0	20.6	15.93	38.5	PASS
			MCH	RB1#0	21.66	16.77	38.5	PASS
				RB1#25	21.79	16.85	38.5	PASS
				RB1#49	21.38	16.65	38.5	PASS
				RB25#0	20.56	15.86	38.5	PASS
				RB25#13	20.54	15.60	38.5	PASS
				RB25#25	20.38	15.76	38.5	PASS
				RB50#0	20.51	15.90	38.5	PASS
			HCH	RB1#0	21.24	16.40	38.5	PASS
				RB1#25	21.74	16.97	38.5	PASS
				RB1#49	21.17	16.32	38.5	PASS
				RB25#0	20.5	15.58	38.5	PASS
				RB25#13	20.66	15.73	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.36	15.55	38.5	PASS
				RB50#0	20.61	15.71	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:

SET Span=1.5*OBW

SET RBW=1%of the OBW,not to wxceed 1MHz

SET VBW>= 3*RBW

SET Sweep time=auto-couple.

Detector:RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	5.18	13	PASS
				RB1#3	5.33	13	PASS
				RB1#5	5.15	13	PASS
				RB3#0	5.49	13	PASS
				RB3#2	5.47	13	PASS
				RB3#3	5.38	13	PASS
				RB6#0	5.69	13	PASS
			MCH	RB1#0	4.48	13	PASS
				RB1#3	4.45	13	PASS
				RB1#5	4.69	13	PASS
				RB3#0	5.18	13	PASS
				RB3#2	5.13	13	PASS
				RB3#3	5.09	13	PASS
				RB6#0	5.8	13	PASS
			HCH	RB1#0	4.07	13	PASS
				RB1#3	3.96	13	PASS
				RB1#5	3.81	13	PASS
				RB3#0	4.41	13	PASS
				RB3#2	4.28	13	PASS
				RB3#3	4.39	13	PASS
				RB6#0	5.35	13	PASS
		3	LCH	RB1#0	4.52	13	PASS
				RB1#7	4.99	13	PASS
				RB1#14	4.48	13	PASS
				RB8#0	5.86	13	PASS
				RB8#4	5.79	13	PASS
				RB8#7	5.85	13	PASS
				RB15#0	5.81	13	PASS
			MCH	RB1#0	4.53	13	PASS
				RB1#7	4.45	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.6	13	PASS
				RB8#0	5.86	13	PASS
				RB8#4	5.8	13	PASS
				RB8#7	5.77	13	PASS
				RB15#0	5.65	13	PASS
			HCH	RB1#0	4.29	13	PASS
				RB1#7	3.88	13	PASS
				RB1#14	4.03	13	PASS
				RB8#0	5.23	13	PASS
				RB8#4	5.06	13	PASS
				RB8#7	5.11	13	PASS
				RB15#0	5.46	13	PASS
BAND5	LTE/TM1	1.4	LCH	RB1#0	5.19	13	PASS
				RB1#3	5.27	13	PASS
				RB1#5	5.17	13	PASS
				RB3#0	5.49	13	PASS
				RB3#2	5.28	13	PASS
				RB3#3	5.5	13	PASS
				RB6#0	5.87	13	PASS
			MCH	RB1#0	4.45	13	PASS
				RB1#3	4.42	13	PASS
				RB1#5	4.47	13	PASS
				RB3#0	5.11	13	PASS
				RB3#2	5.08	13	PASS
				RB3#3	5.19	13	PASS
				RB6#0	5.53	13	PASS
			HCH	RB1#0	4.02	13	PASS
				RB1#3	3.92	13	PASS
				RB1#5	3.95	13	PASS
				RB3#0	4.34	13	PASS
				RB3#2	4.13	13	PASS
				RB3#3	4.27	13	PASS
				RB6#0	5.42	13	PASS
		3	LCH	RB1#0	5.03	13	PASS
				RB1#7	5.04	13	PASS
				RB1#14	4.99	13	PASS
				RB8#0	5.72	13	PASS
				RB8#4	5.72	13	PASS
				RB8#7	5.65	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB15#0	6.03	13	PASS
				RB1#0	5.03	13	PASS
			MCH	RB1#7	4.89	13	PASS
				RB1#14	4.79	13	PASS
				RB8#0	5.63	13	PASS
				RB8#4	5.67	13	PASS
				RB8#7	5.75	13	PASS
				RB15#0	5.95	13	PASS
			HCH	RB1#0	4.43	13	PASS
				RB1#7	3.94	13	PASS
				RB1#14	4.08	13	PASS
				RB8#0	5.28	13	PASS
				RB8#4	5.14	13	PASS
				RB8#7	5.18	13	PASS
				RB15#0	5.3	13	PASS
		5	LCH	RB1#0	5.23	13	PASS
				RB1#13	5.07	13	PASS
				RB1#24	5.18	13	PASS
				RB12#0	5.98	13	PASS
				RB12#6	5.95	13	PASS
				RB12#13	5.98	13	PASS
				RB25#0	5.99	13	PASS
			MCH	RB1#0	4.78	13	PASS
				RB1#13	4.75	13	PASS
				RB1#24	4.94	13	PASS
				RB12#0	5.66	13	PASS
				RB12#6	5.63	13	PASS
				RB12#13	5.75	13	PASS
				RB25#0	5.99	13	PASS
			HCH	RB1#0	4.83	13	PASS
				RB1#13	4.25	13	PASS
				RB1#24	4.19	13	PASS
				RB12#0	5.34	13	PASS
				RB12#6	5.16	13	PASS
				RB12#13	5.19	13	PASS
				RB25#0	5.67	13	PASS
		10	LCH	RB1#0	5.28	13	PASS
				RB1#25	4.93	13	PASS
				RB1#49	5.03	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.18	13	PASS
				RB25#13	6	13	PASS
				RB25#25	6.01	13	PASS
				RB50#0	6.23	13	PASS
			MCH	RB1#0	5.17	13	PASS
				RB1#25	4.85	13	PASS
				RB1#49	5.18	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	5.91	13	PASS
				RB25#25	6.04	13	PASS
				RB50#0	6.19	13	PASS
			HCH	RB1#0	4.75	13	PASS
				RB1#25	4.42	13	PASS
				RB1#49	4.21	13	PASS
				RB25#0	5.95	13	PASS
				RB25#13	5.76	13	PASS
				RB25#25	5.68	13	PASS
				RB50#0	5.94	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.87	13	PASS
				RB1#3	6.16	13	PASS
				RB1#5	6.17	13	PASS
				RB3#0	6.18	13	PASS
				RB3#2	6.14	13	PASS
				RB3#3	6.2	13	PASS
				RB6#0	6.53	13	PASS
			MCH	RB1#0	5.47	13	PASS
				RB1#3	5.62	13	PASS
				RB1#5	5.68	13	PASS
				RB3#0	5.96	13	PASS
				RB3#2	5.82	13	PASS
				RB3#3	5.96	13	PASS
				RB6#0	6.52	13	PASS
			HCH	RB1#0	4.66	13	PASS
				RB1#3	4.64	13	PASS
				RB1#5	4.51	13	PASS
				RB3#0	5.18	13	PASS
				RB3#2	5.01	13	PASS
				RB3#3	5.06	13	PASS
				RB6#0	6.08	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	6.2	13	PASS
				RB1#7	5.99	13	PASS
				RB1#14	6.4	13	PASS
				RB8#0	6.55	13	PASS
				RB8#4	6.56	13	PASS
				RB8#7	6.52	13	PASS
				RB15#0	6.63	13	PASS
			MCH	RB1#0	5.88	13	PASS
				RB1#7	5.72	13	PASS
				RB1#14	5.85	13	PASS
				RB8#0	6.54	13	PASS
				RB8#4	6.61	13	PASS
				RB8#7	6.63	13	PASS
				RB15#0	6.65	13	PASS
			HCH	RB1#0	5.36	13	PASS
				RB1#7	4.88	13	PASS
				RB1#14	4.93	13	PASS
				RB8#0	6.11	13	PASS
				RB8#4	6.03	13	PASS
				RB8#7	5.83	13	PASS
				RB15#0	6.04	13	PASS
		5	LCH	RB1#0	6.23	13	PASS
				RB1#13	6.17	13	PASS
				RB1#24	6.14	13	PASS
				RB12#0	6.82	13	PASS
				RB12#6	6.83	13	PASS
				RB12#13	6.66	13	PASS
				RB25#0	6.95	13	PASS
			MCH	RB1#0	5.65	13	PASS
				RB1#13	5.56	13	PASS
				RB1#24	5.8	13	PASS
				RB12#0	6.73	13	PASS
				RB12#6	6.67	13	PASS
				RB12#13	6.8	13	PASS
				RB25#0	6.6	13	PASS
			HCH	RB1#0	5.67	13	PASS
				RB1#13	5.12	13	PASS
				RB1#24	4.91	13	PASS
				RB12#0	6.23	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#6	6.14	13	PASS
				RB12#13	6.05	13	PASS
				RB25#0	6.61	13	PASS
		10	LCH	RB1#0	5.96	13	PASS
				RB1#25	5.5	13	PASS
				RB1#49	5.55	13	PASS
				RB25#0	6.9	13	PASS
				RB25#13	6.75	13	PASS
				RB25#25	6.7	13	PASS
				RB50#0	6.84	13	PASS
			MCH	RB1#0	5.84	13	PASS
				RB1#25	5.65	13	PASS
				RB1#49	5.84	13	PASS
				RB25#0	6.57	13	PASS
				RB25#13	6.49	13	PASS
				RB25#25	6.72	13	PASS
				RB50#0	7.03	13	PASS
			HCH	RB1#0	6.04	13	PASS
				RB1#25	5.58	13	PASS
				RB1#49	4.95	13	PASS
				RB25#0	6.86	13	PASS
				RB25#13	6.52	13	PASS
				RB25#25	6.48	13	PASS
				RB50#0	6.67	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

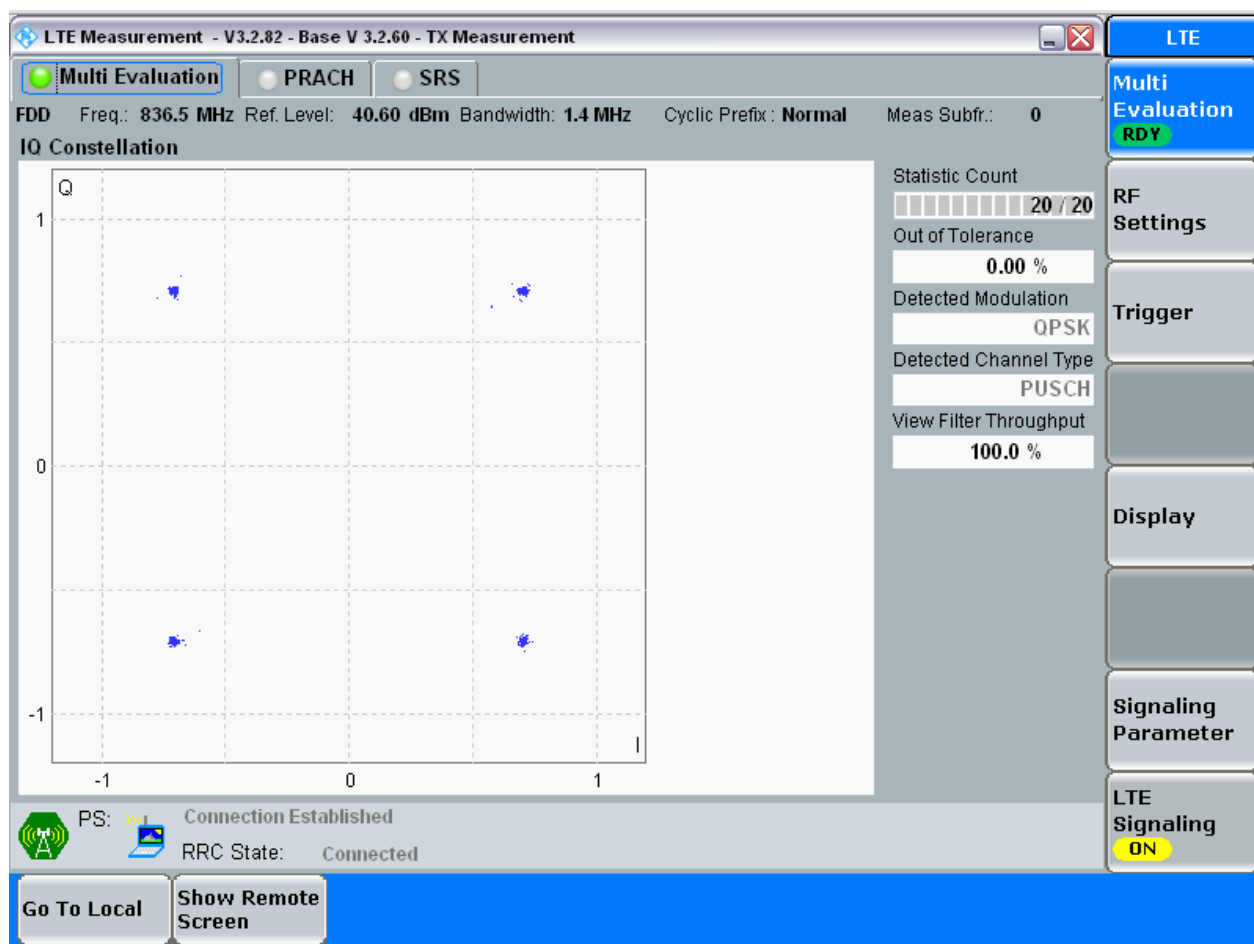
3.1.1 Test Band = BAND5

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

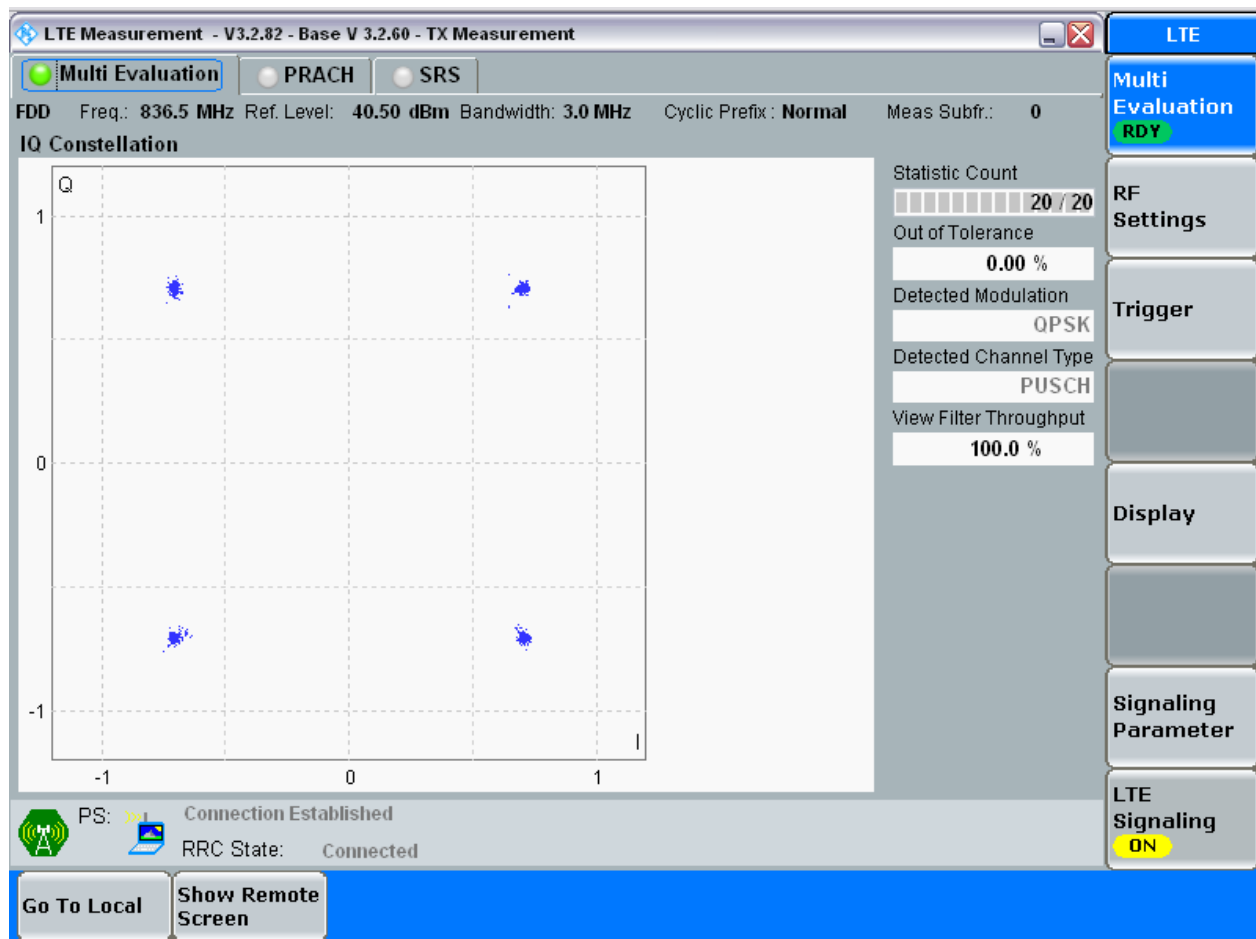
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

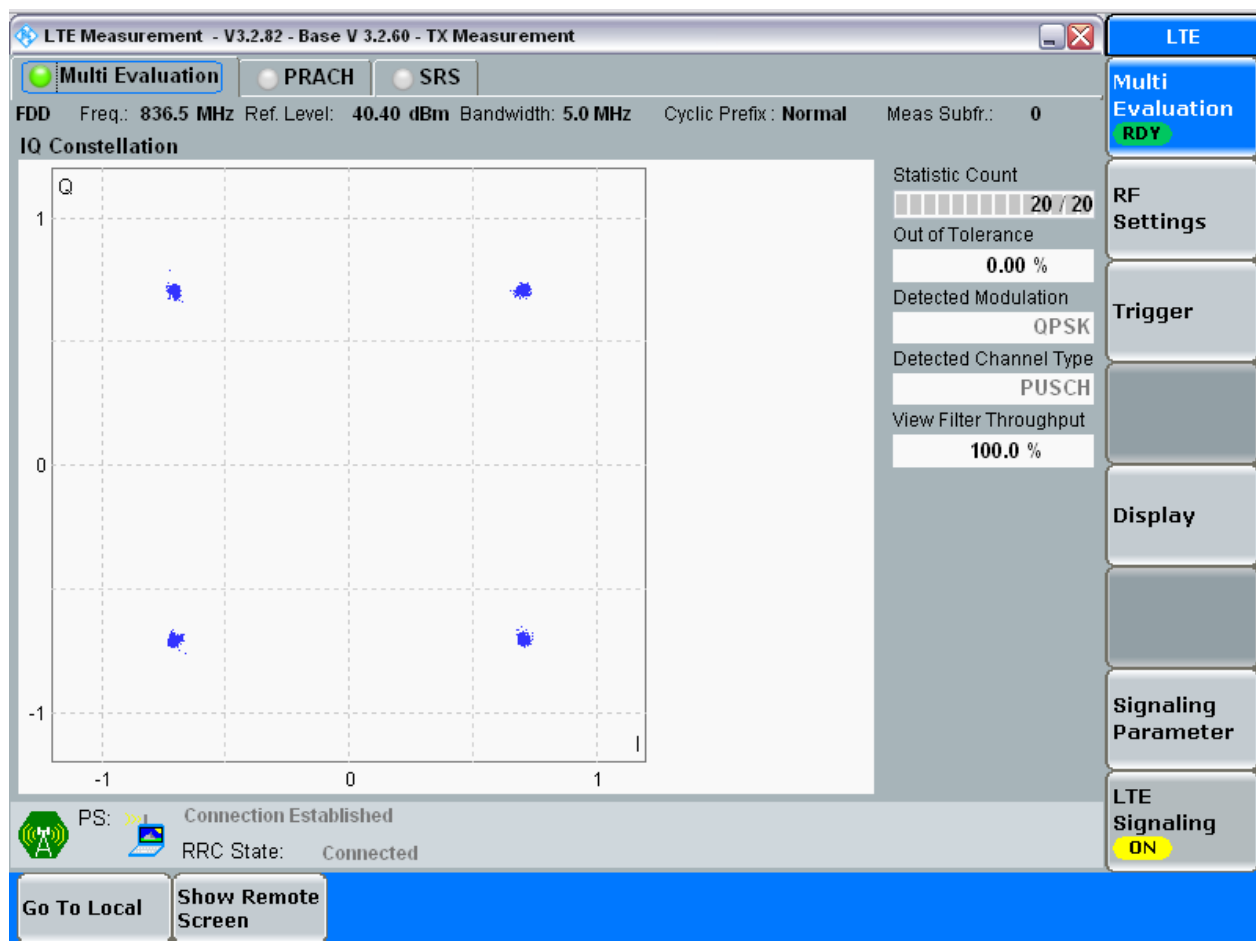
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

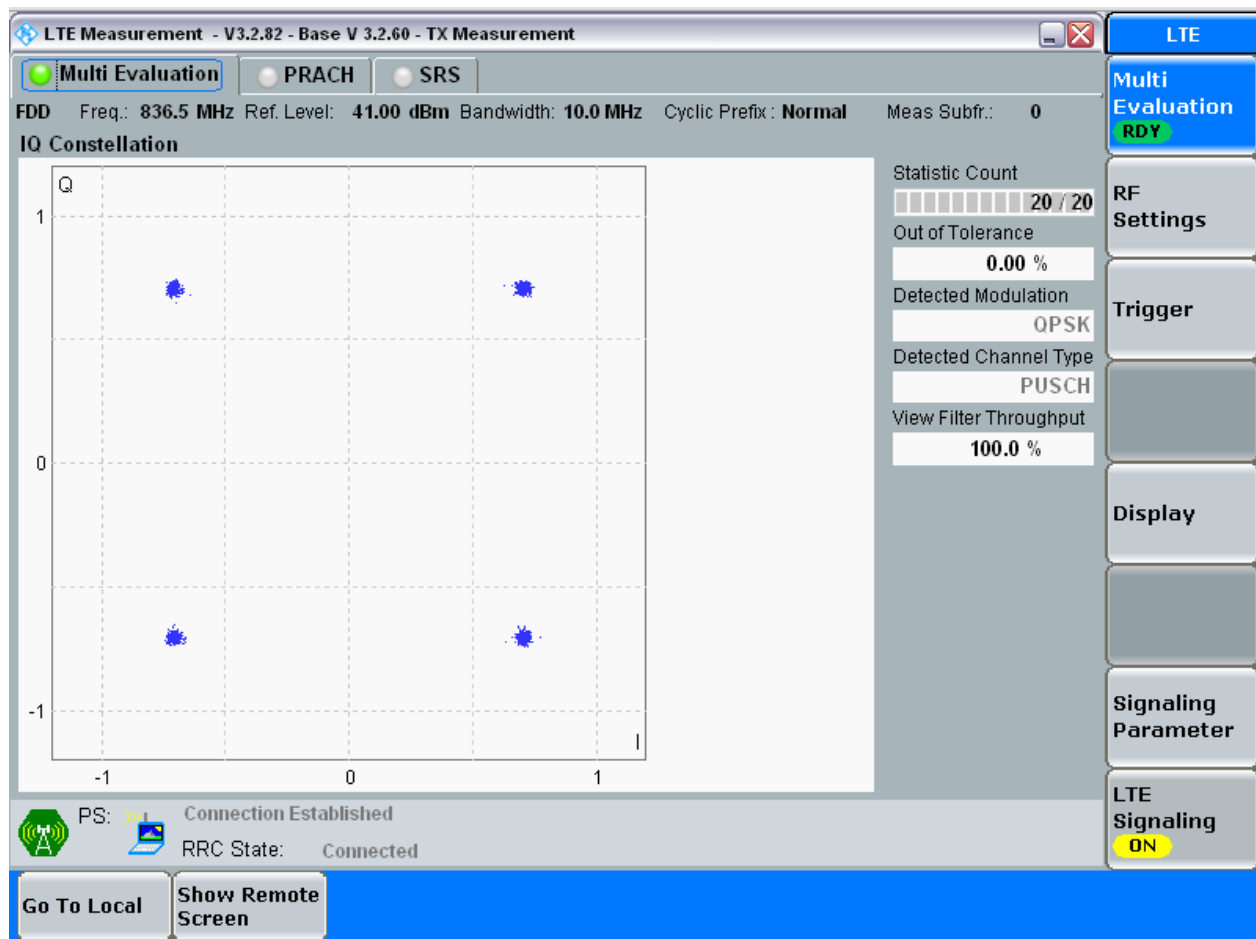
3.1.1.1.3.1.1 Test RB = RB25#0



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

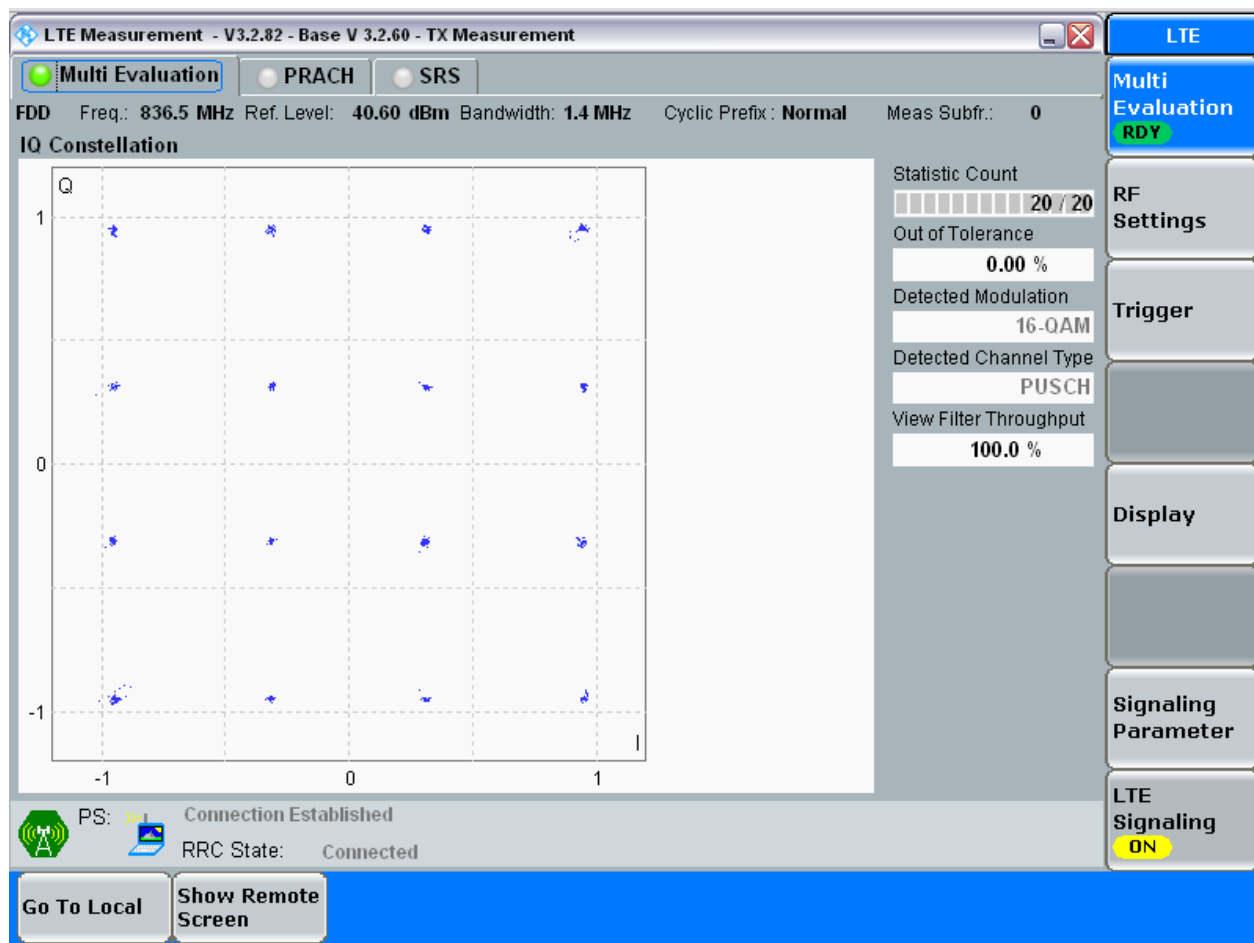


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

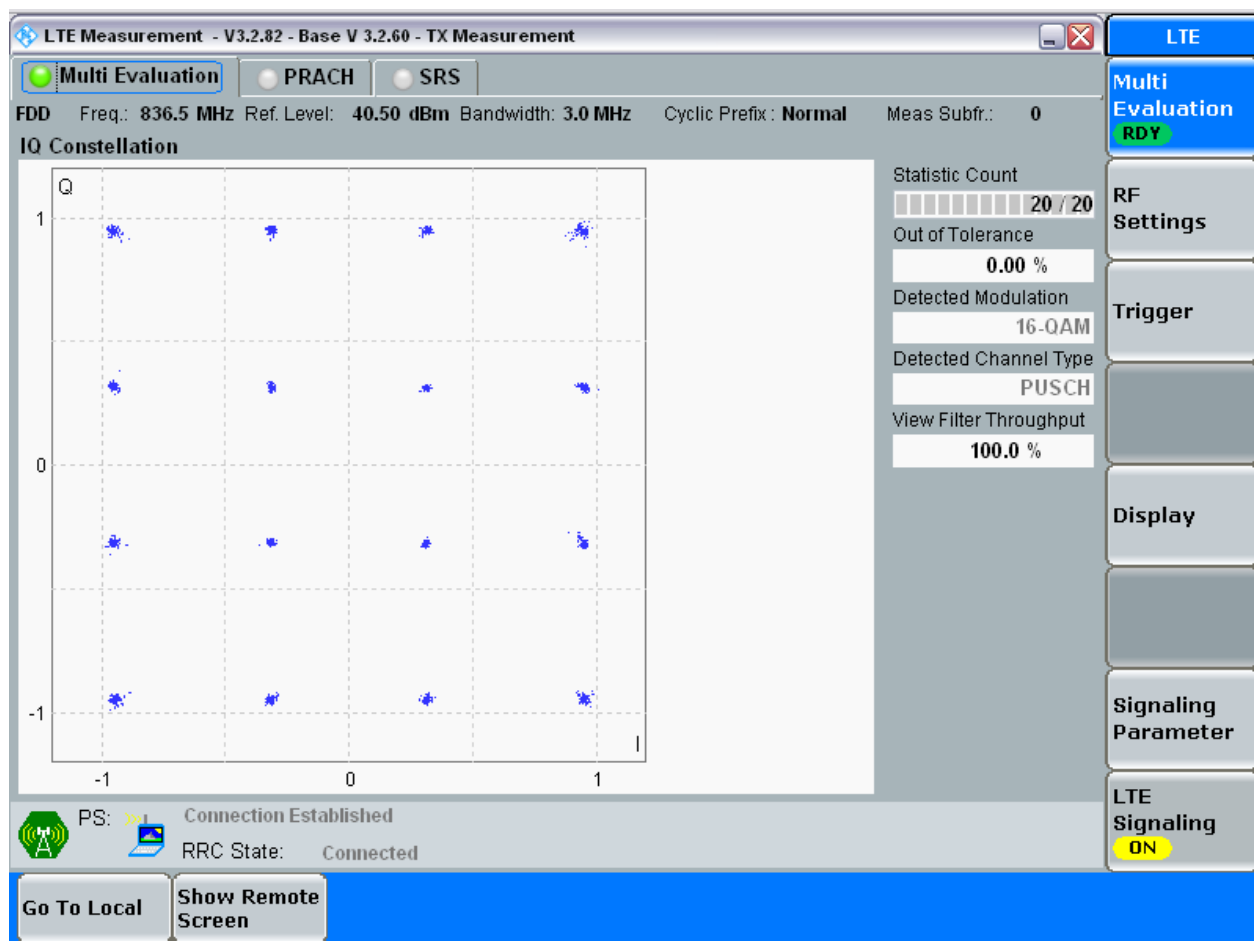
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

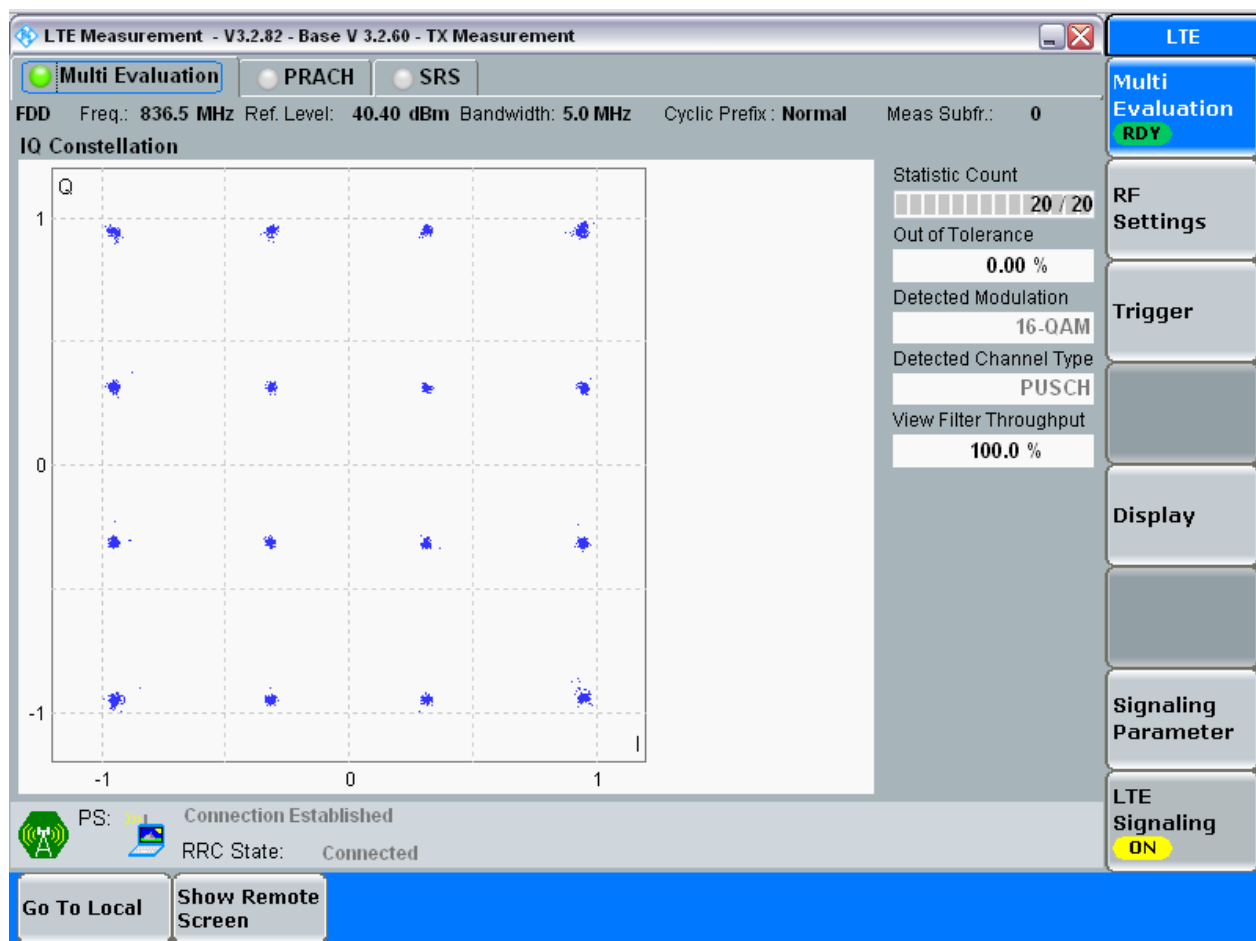
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

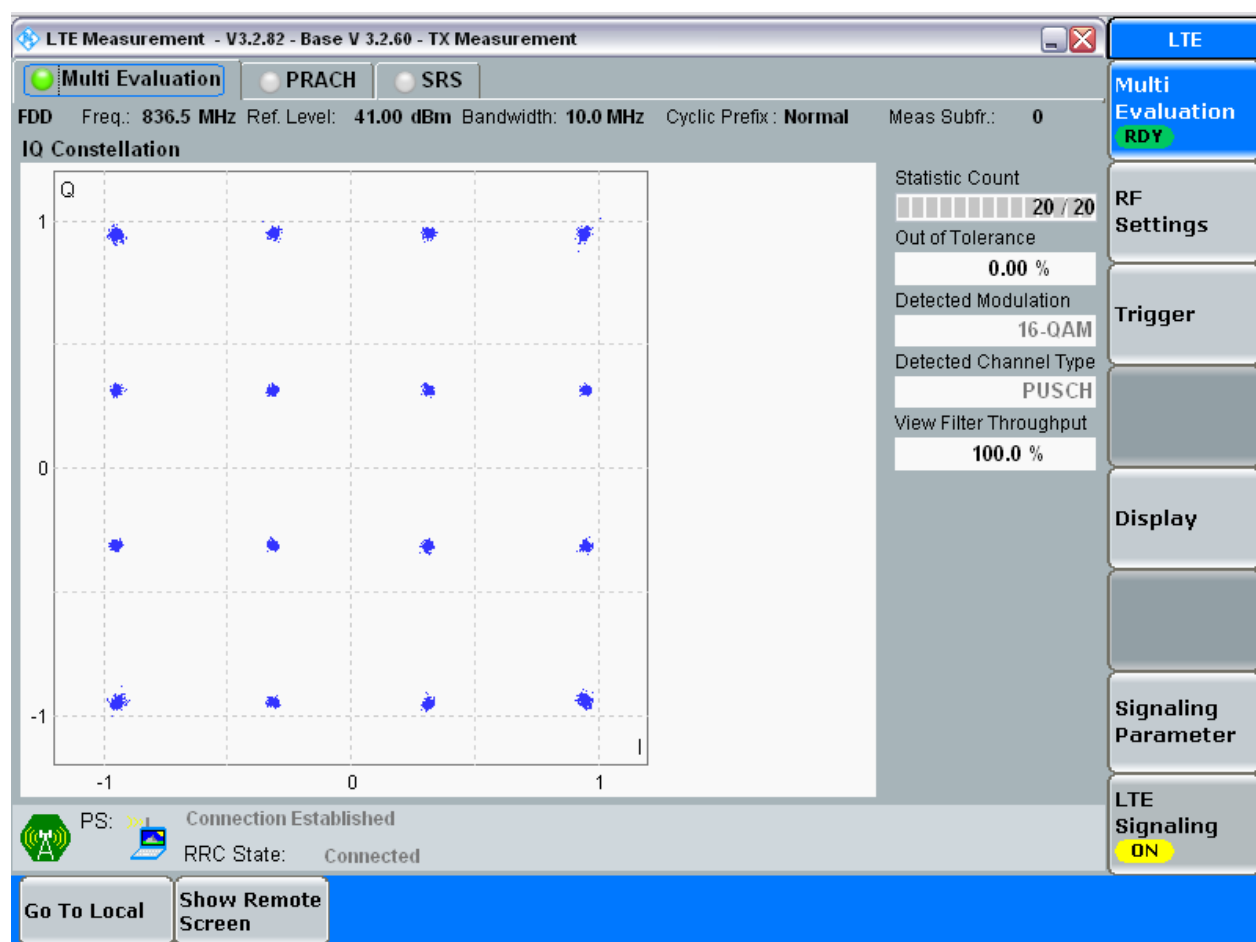
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.70	2.92	Pass
			HCH	RB15#0	2.71	2.94	Pass
		5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.98	9.60	Pass
			MCH	RB50#0	8.99	9.56	Pass
			HCH	RB50#0	8.97	9.58	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.22	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.82	Pass
		5	LCH	RB25#0	4.51	4.86	Pass
			MCH	RB25#0	4.49	4.87	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	8.97	9.62	Pass
			MCH	RB50#0	8.99	9.60	Pass
			HCH	RB50#0	8.97	9.60	Pass



Part II - Test Plots

4.1 For LTE

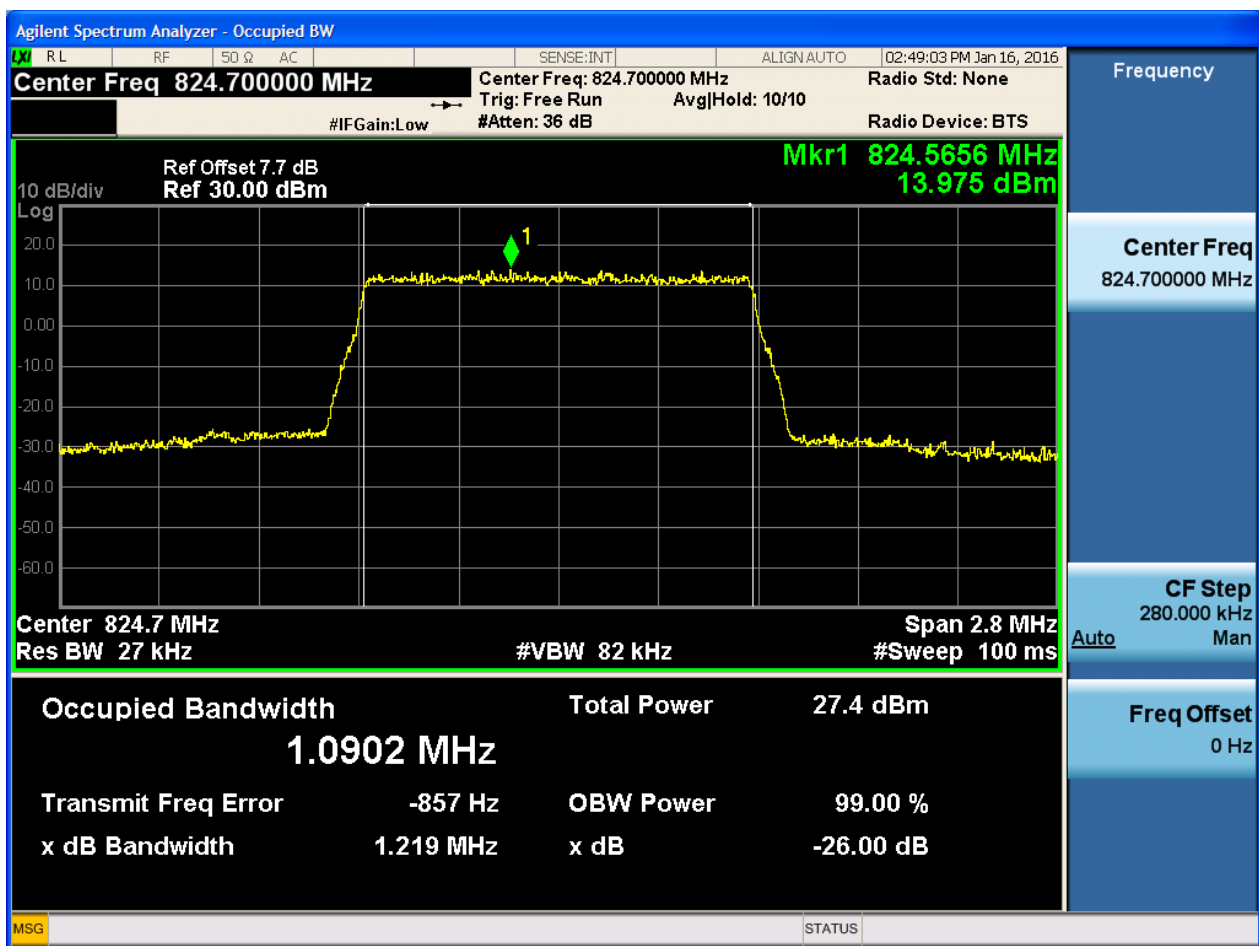
4.1.1 Test Band = BAND5

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

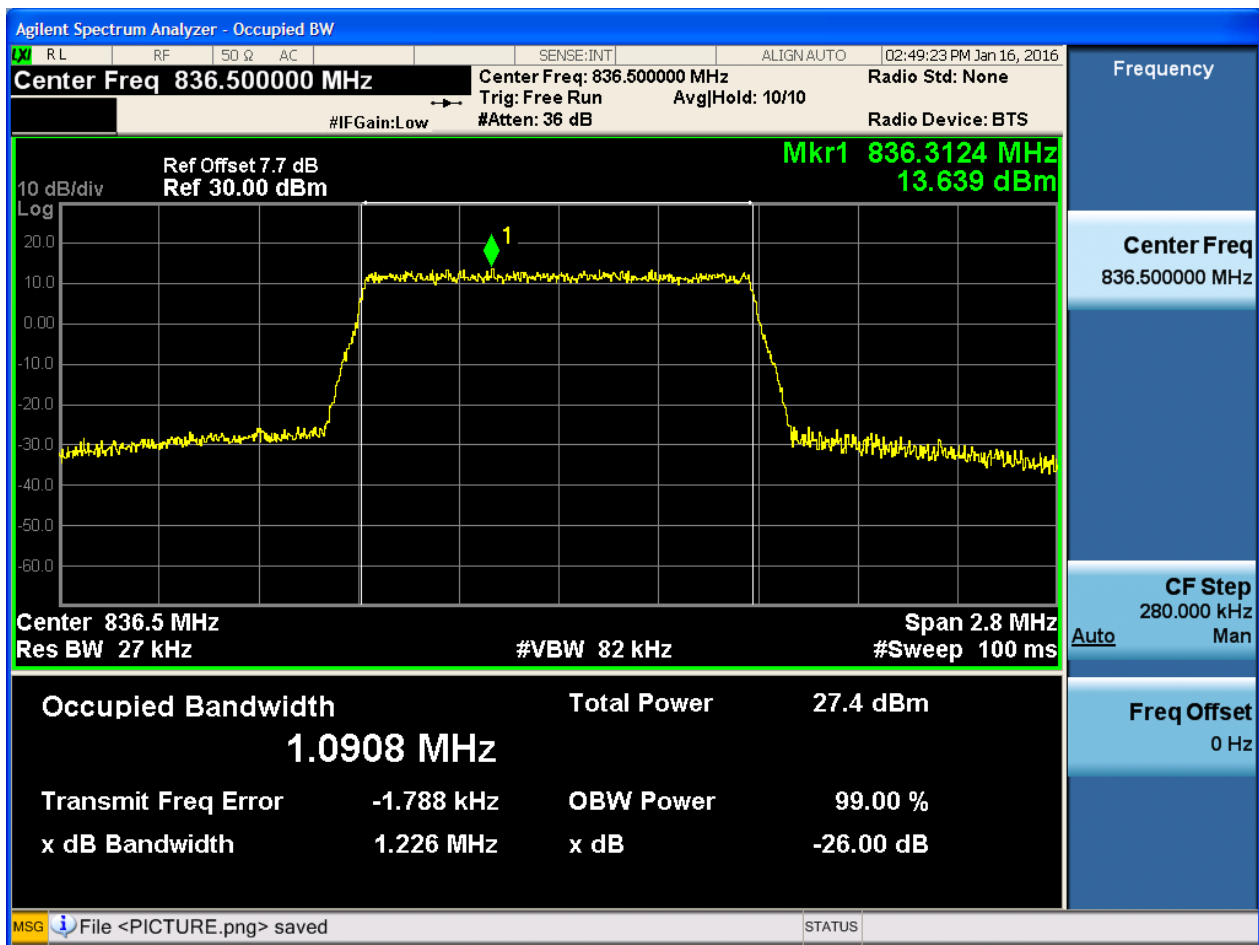
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

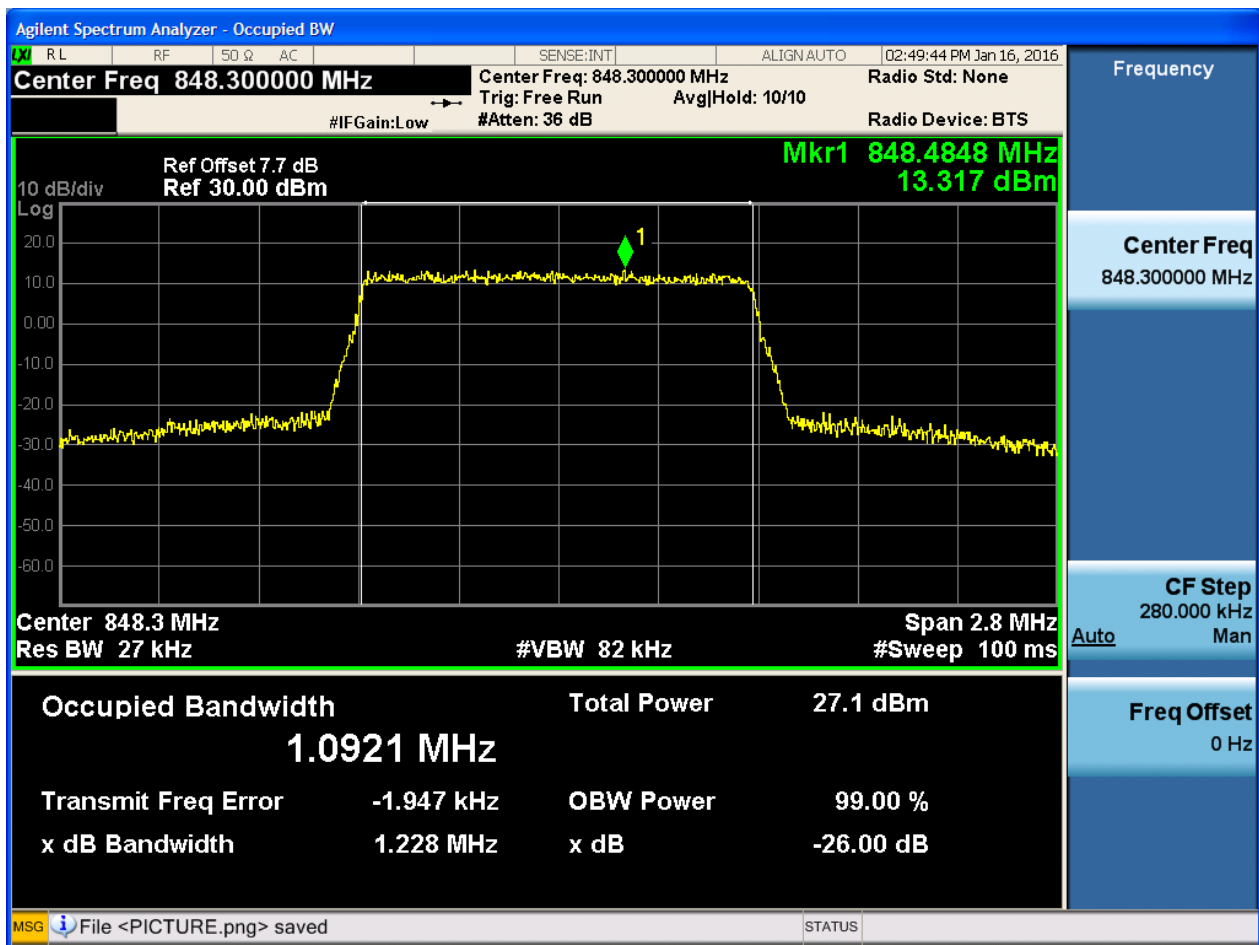
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

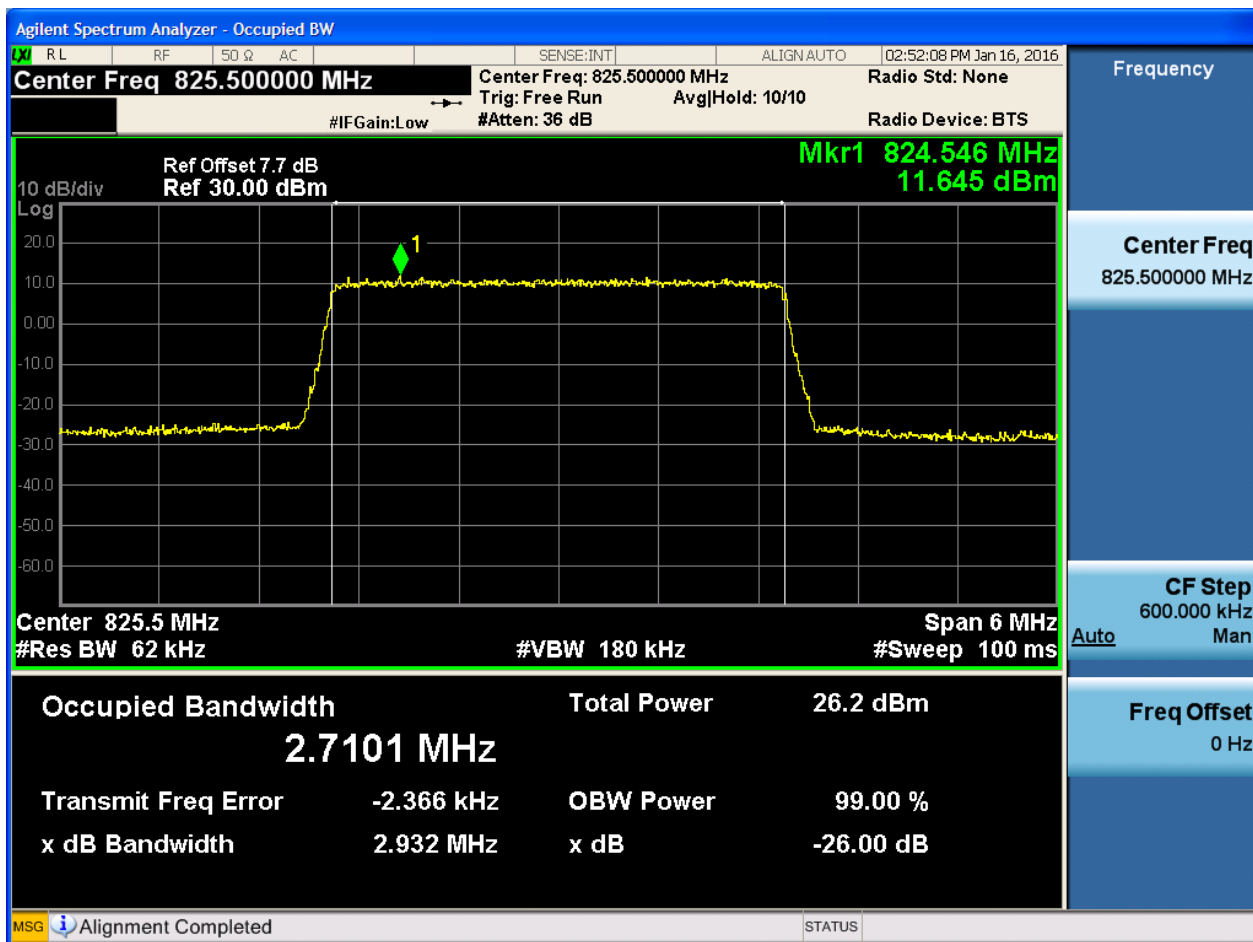




4.1.1.1.2 Test Bandwidth = 3

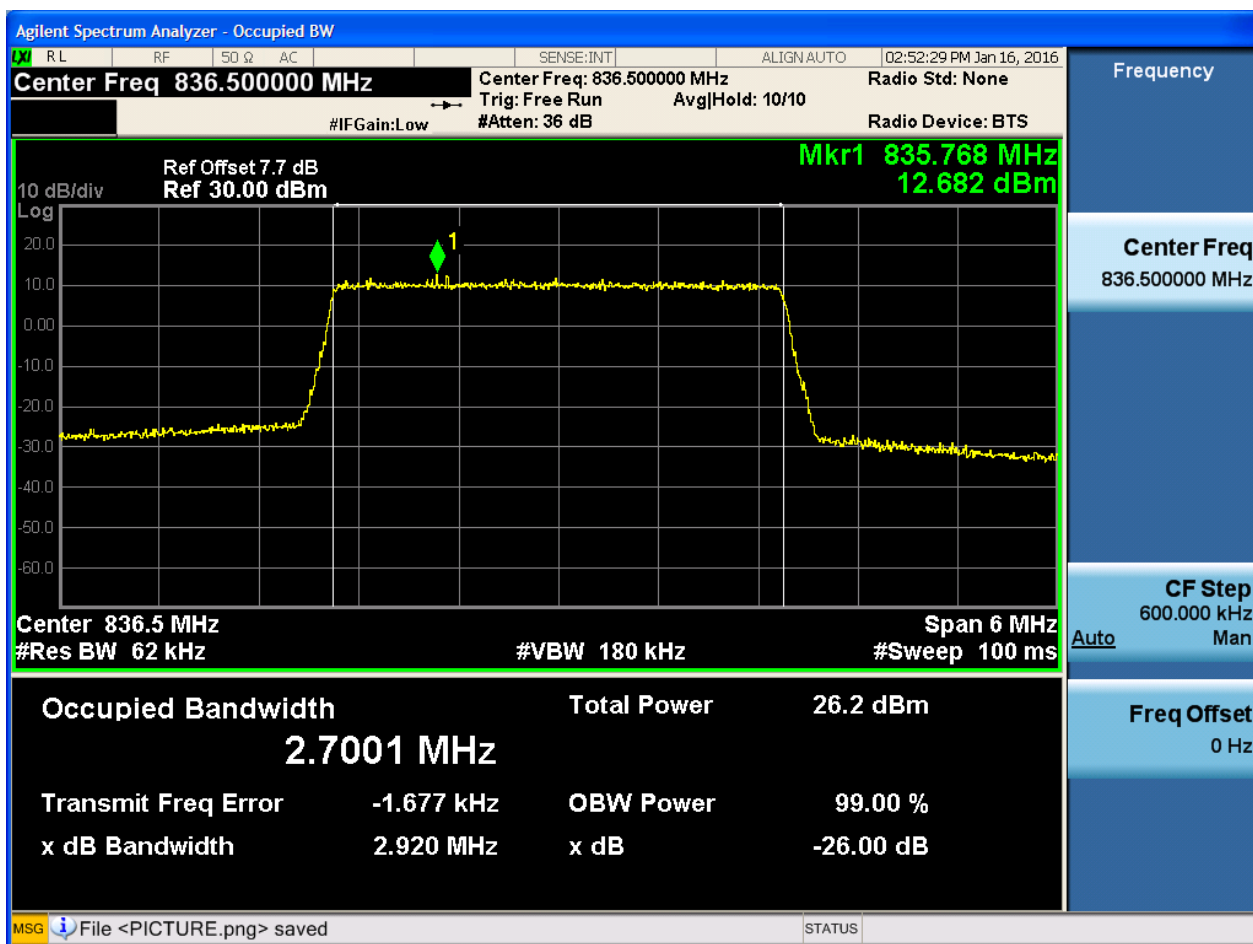
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



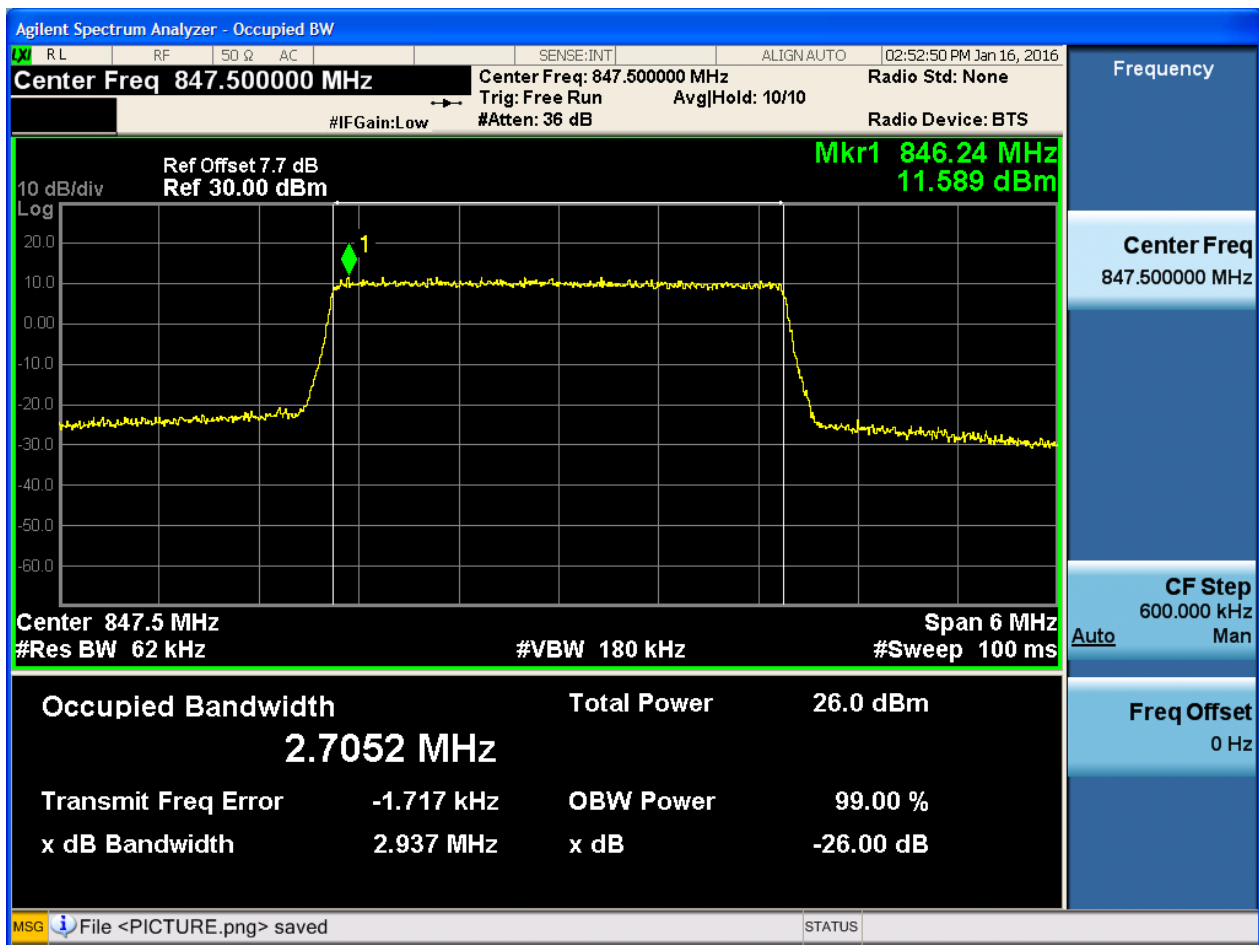
4.1.1.1.2.2 Test Channel = MCH

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

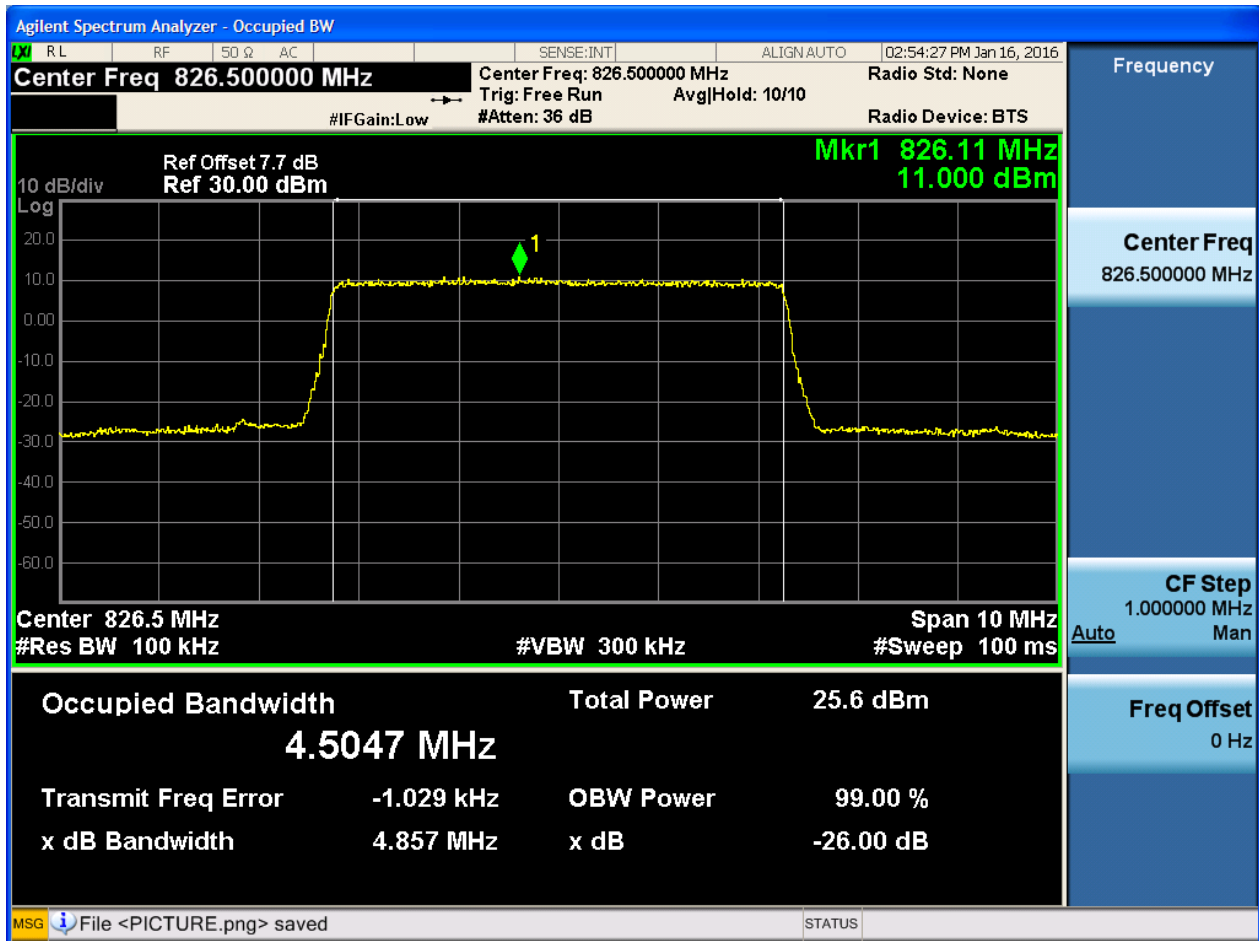




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

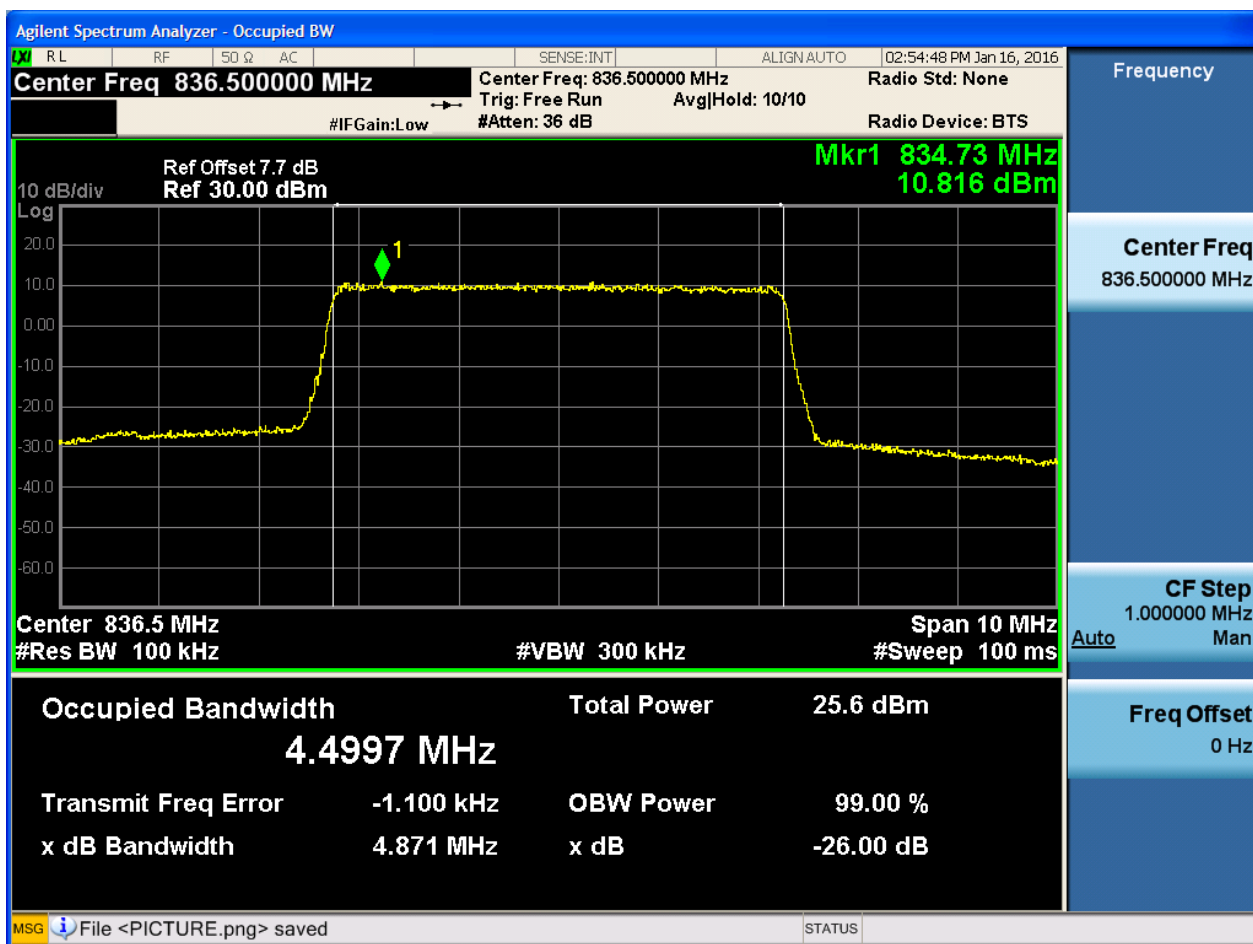
4.1.1.1.3.1.1 Test RB = RB25#0





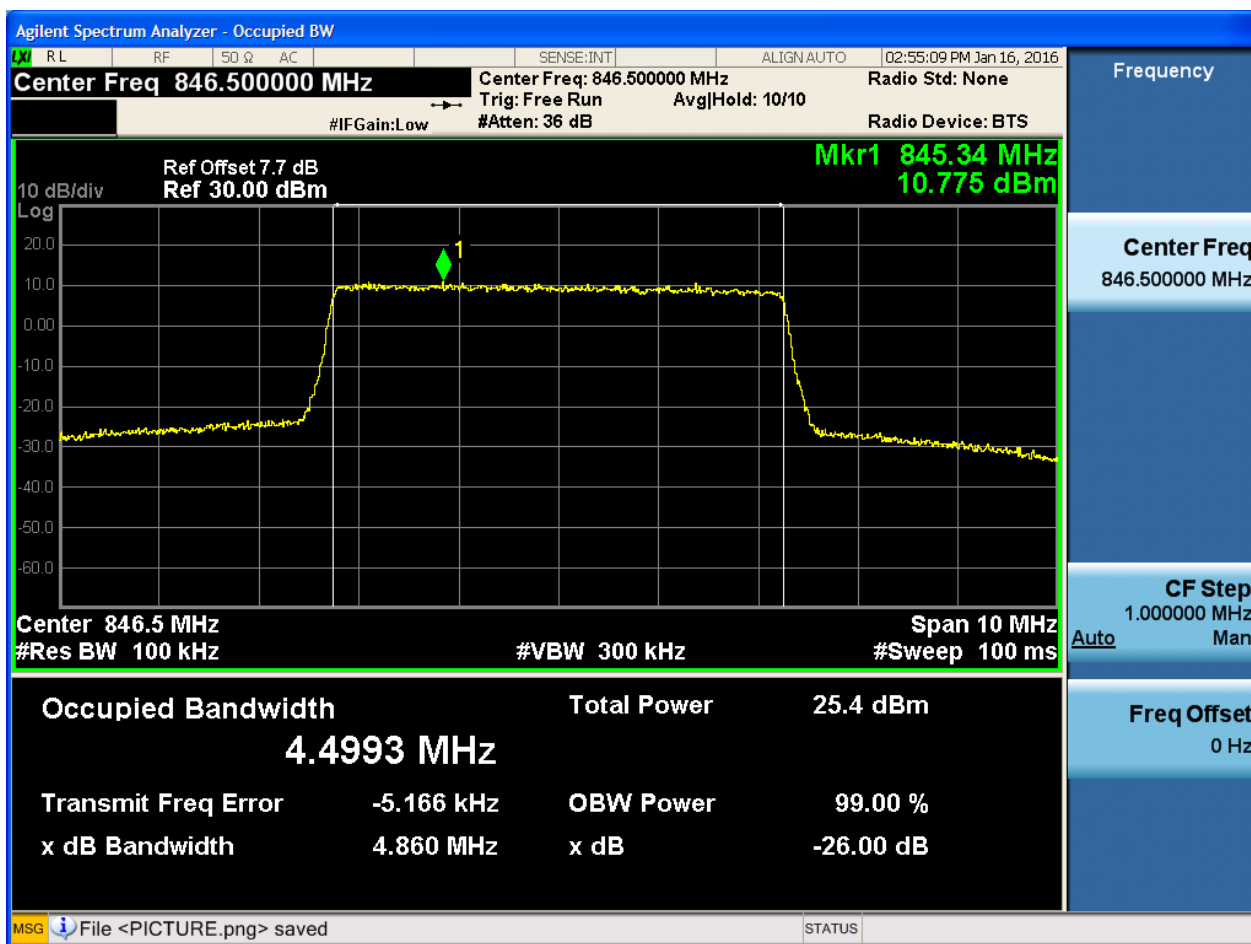
4.1.1.1.3.2 Test Channel = MCH

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

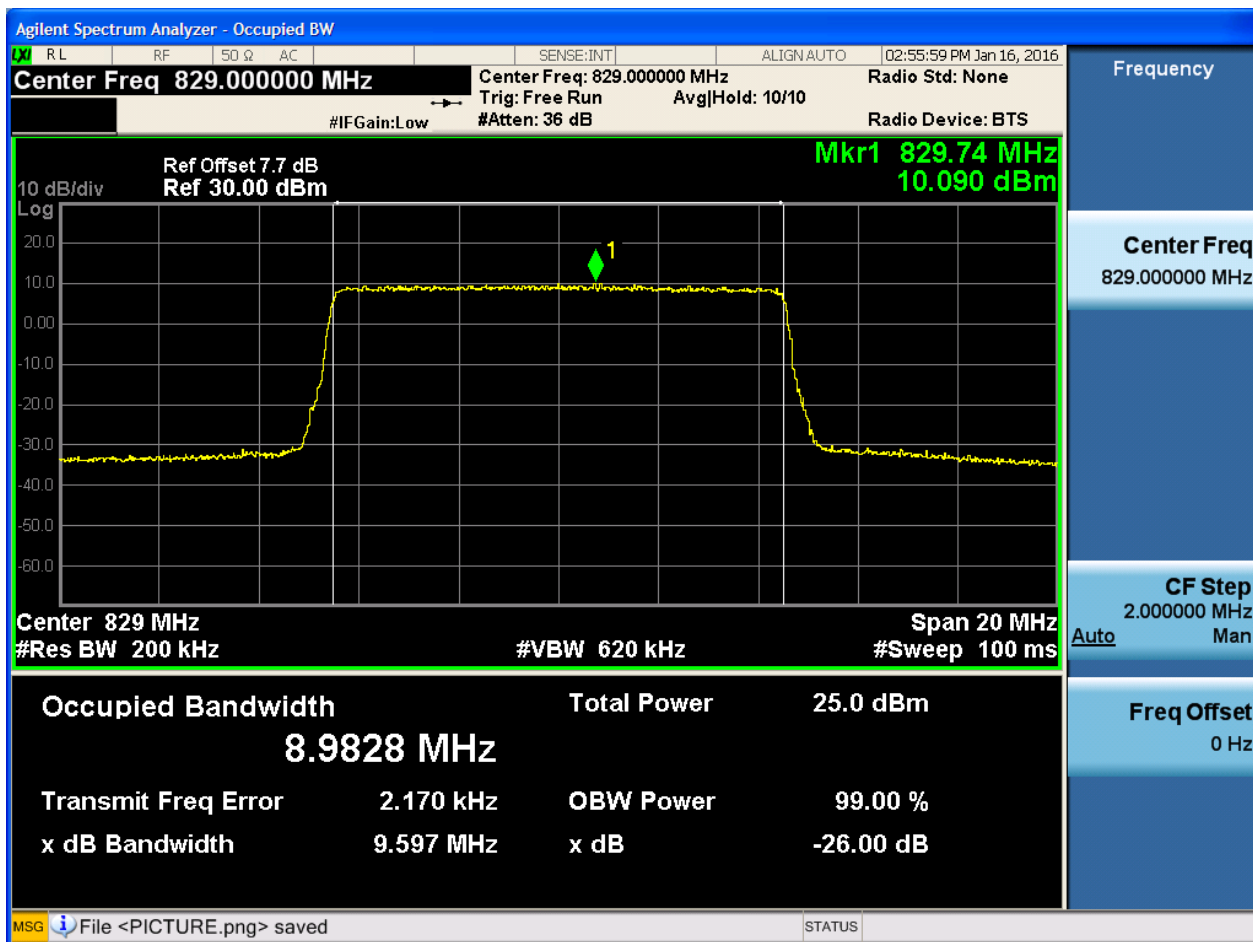




4.1.1.1.4 Test Bandwidth = 10

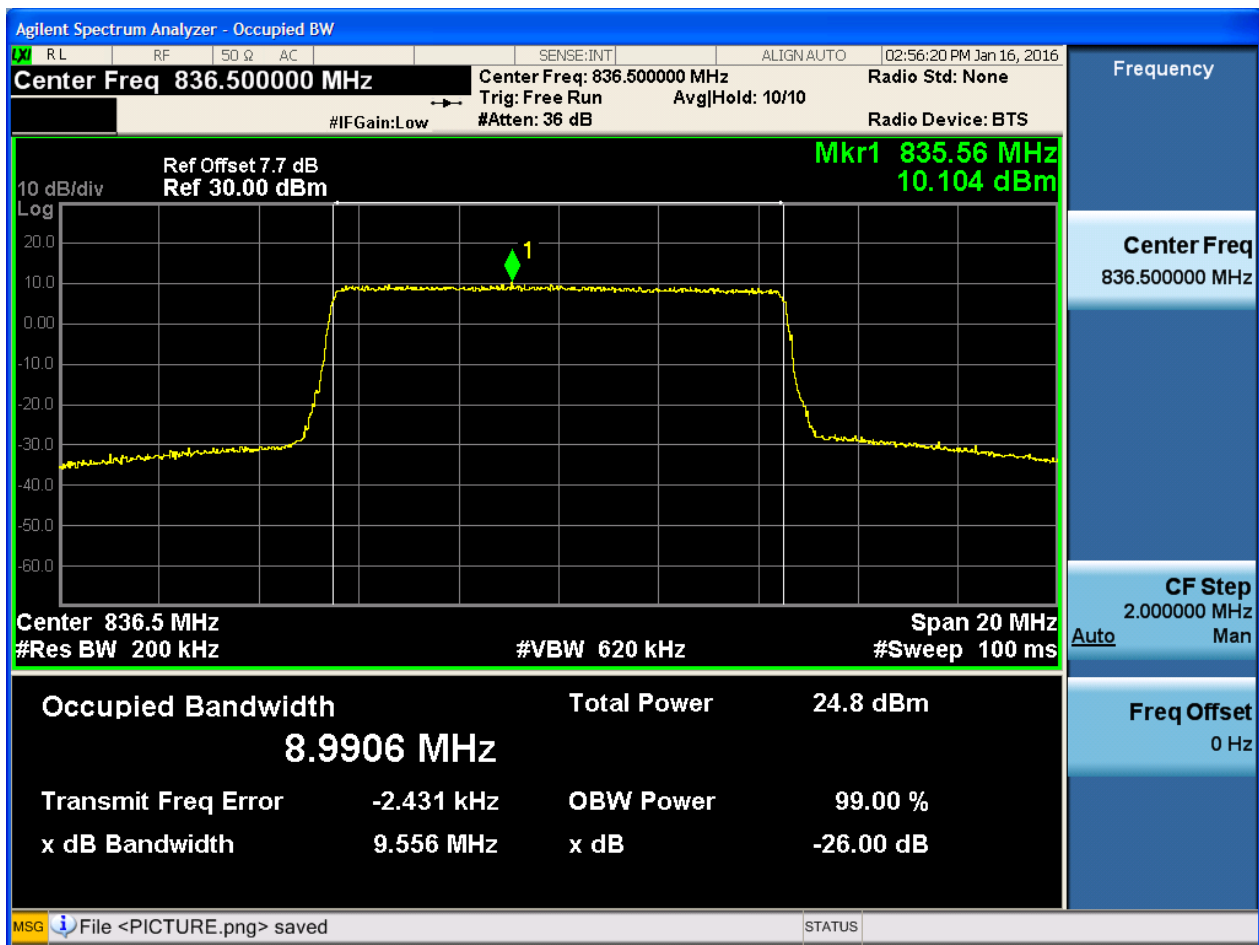
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

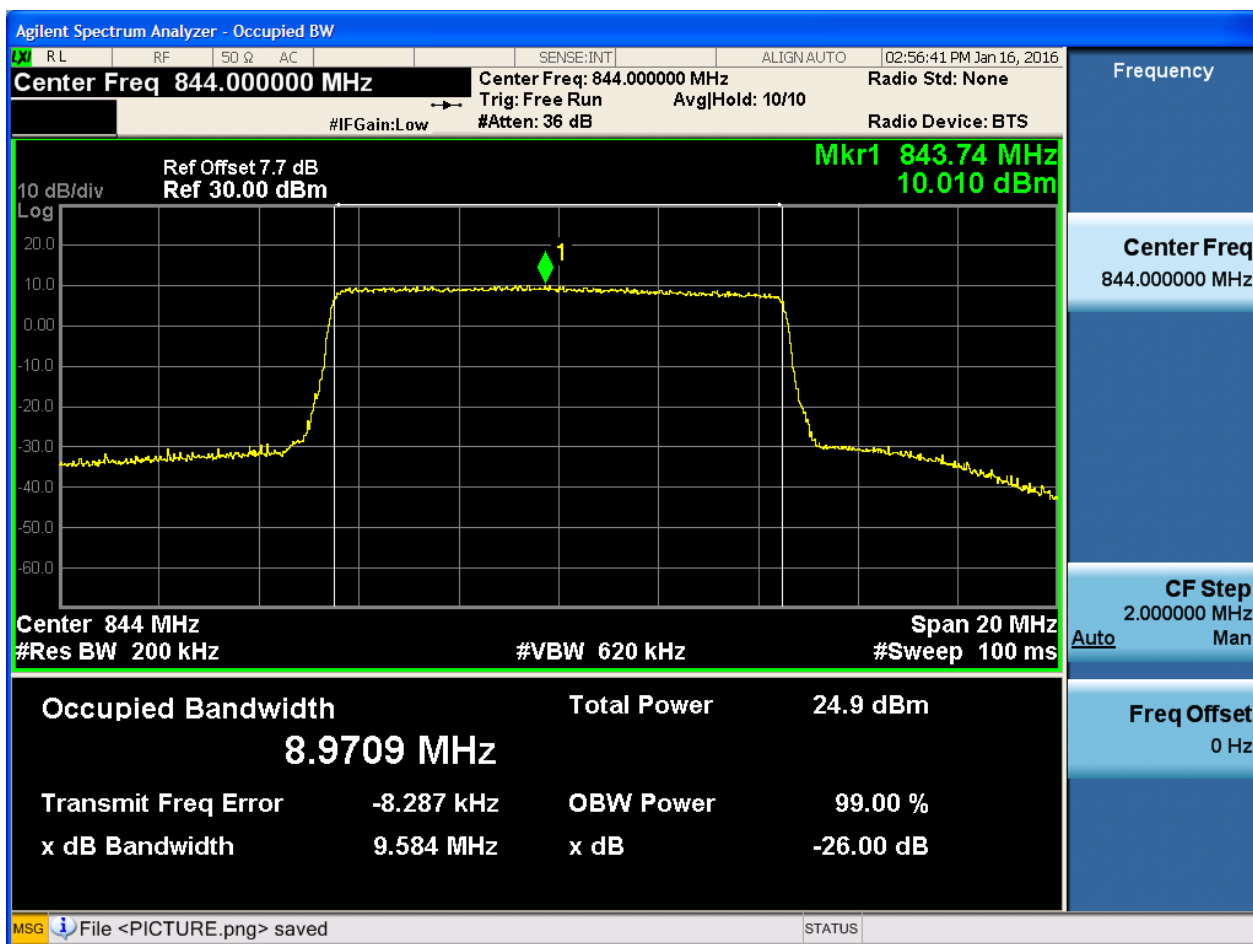
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

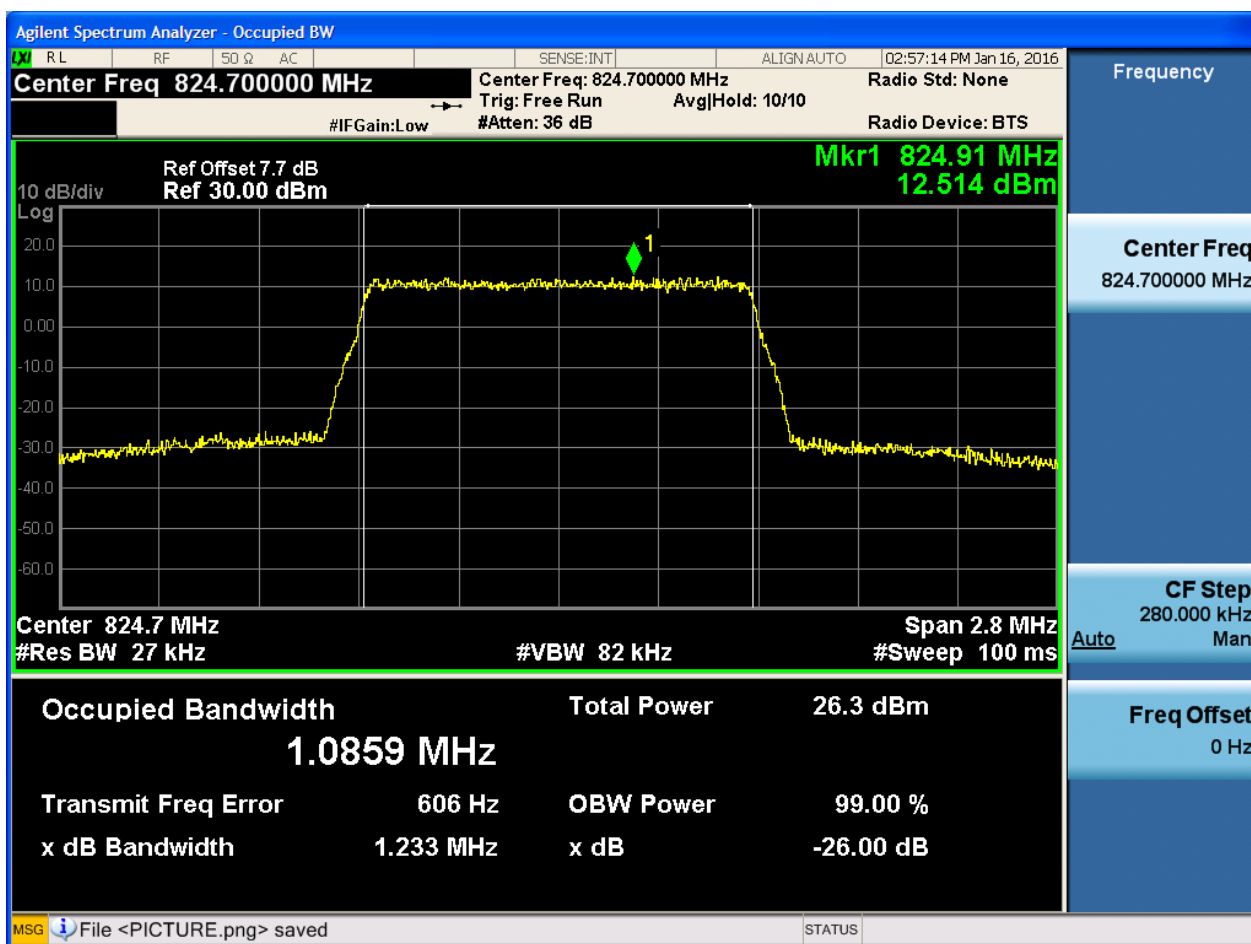


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

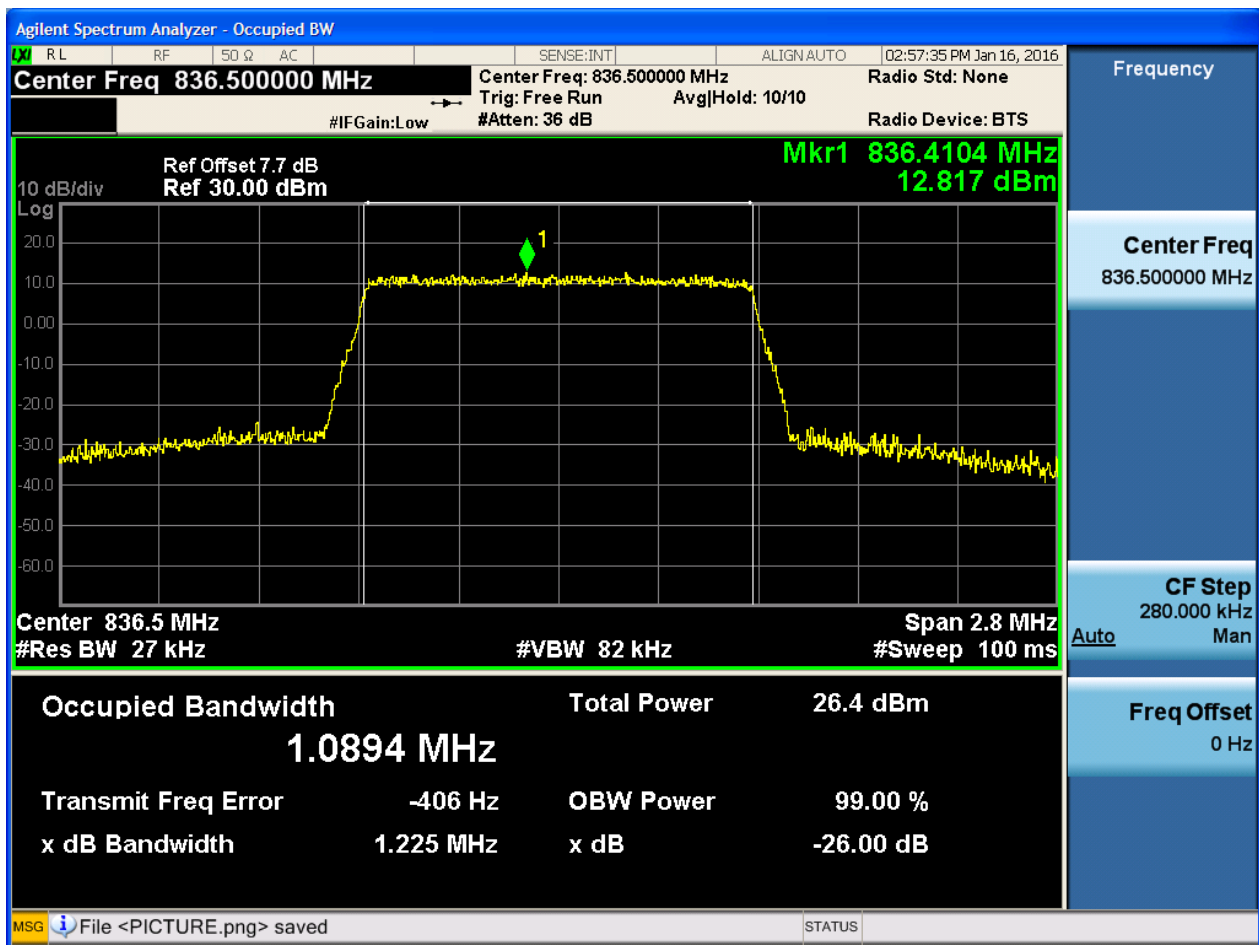
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



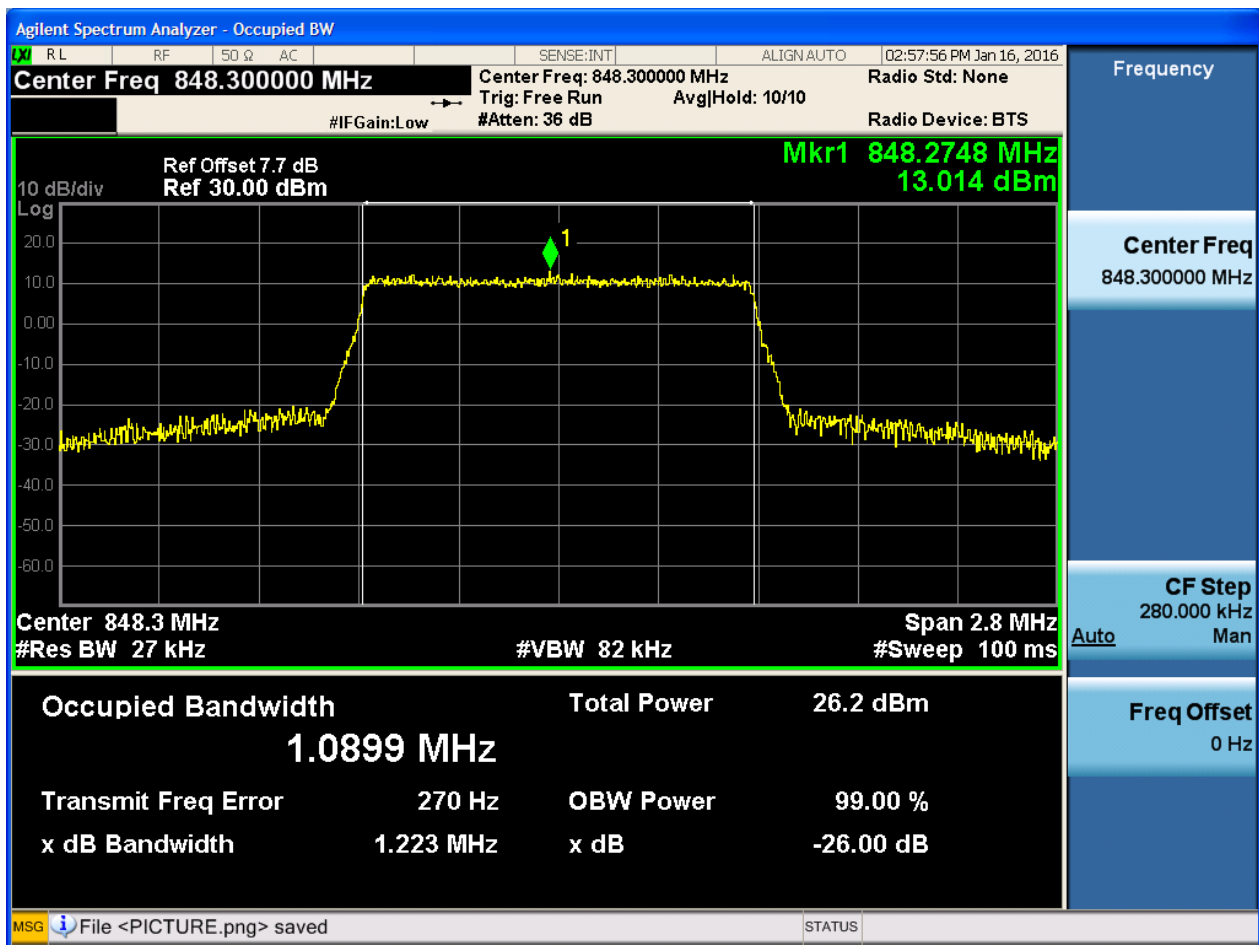
4.1.1.2.1.2 Test Channel = MCH

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

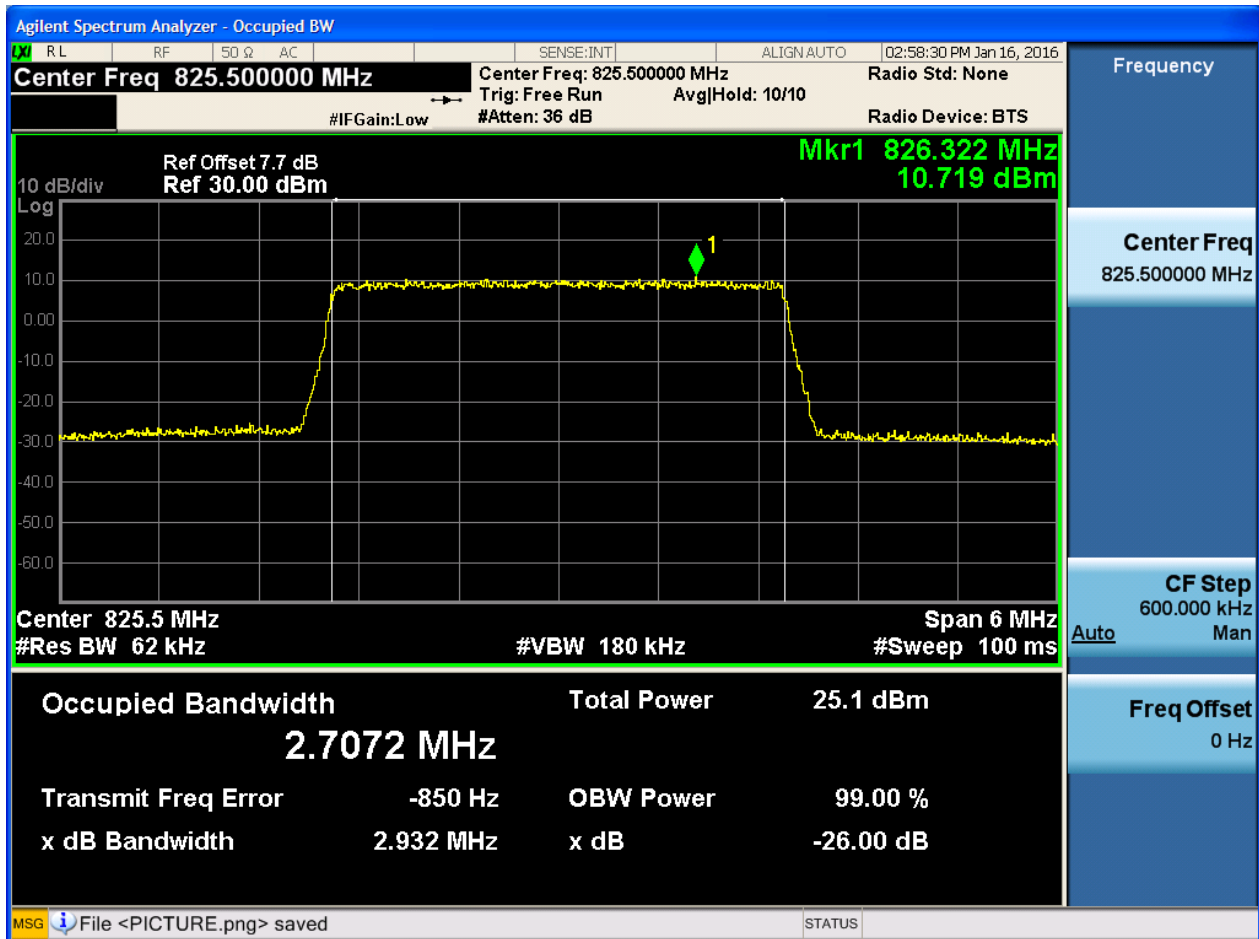




4.1.1.2.2 Test Bandwidth = 3

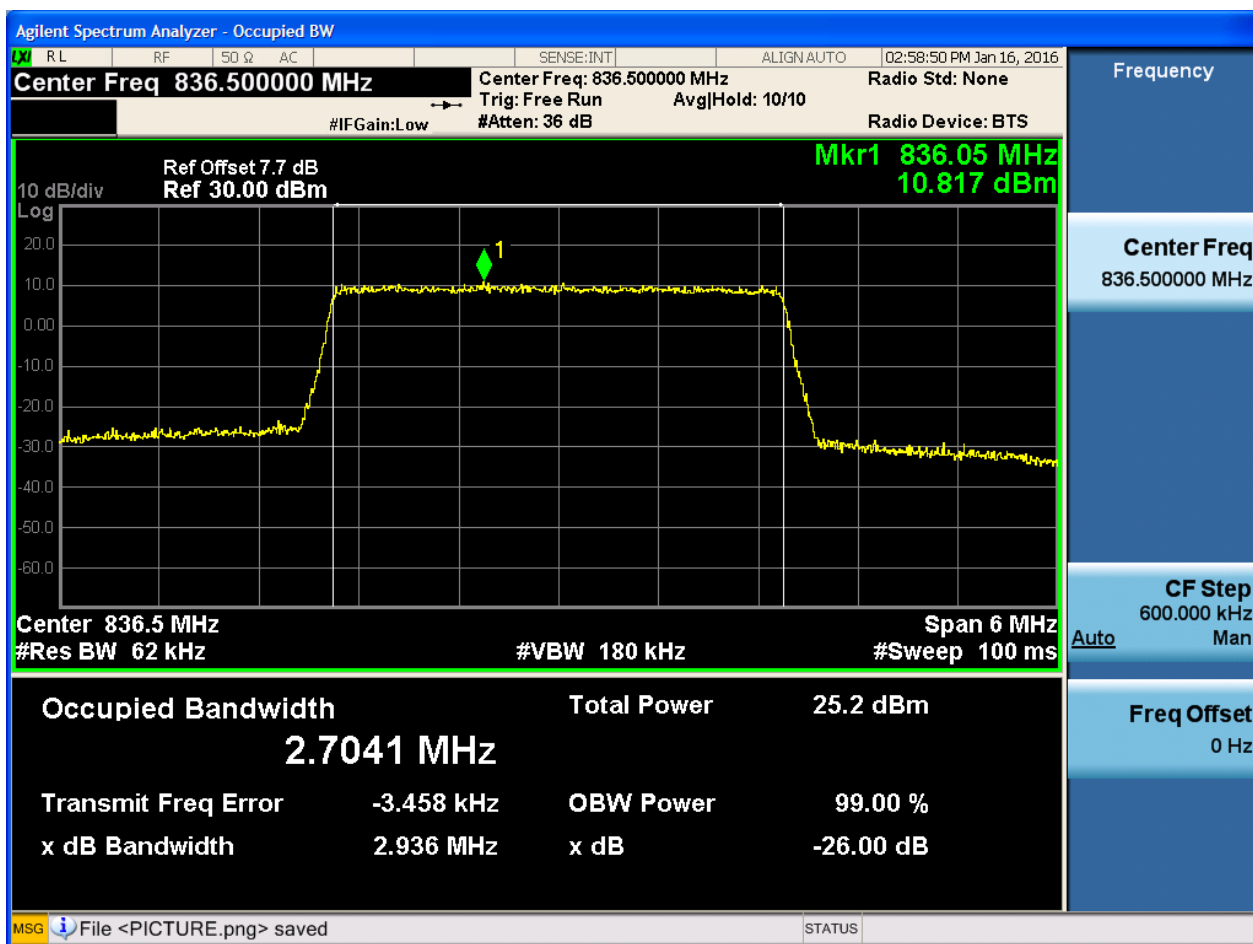
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2.2 Test Channel = MCH

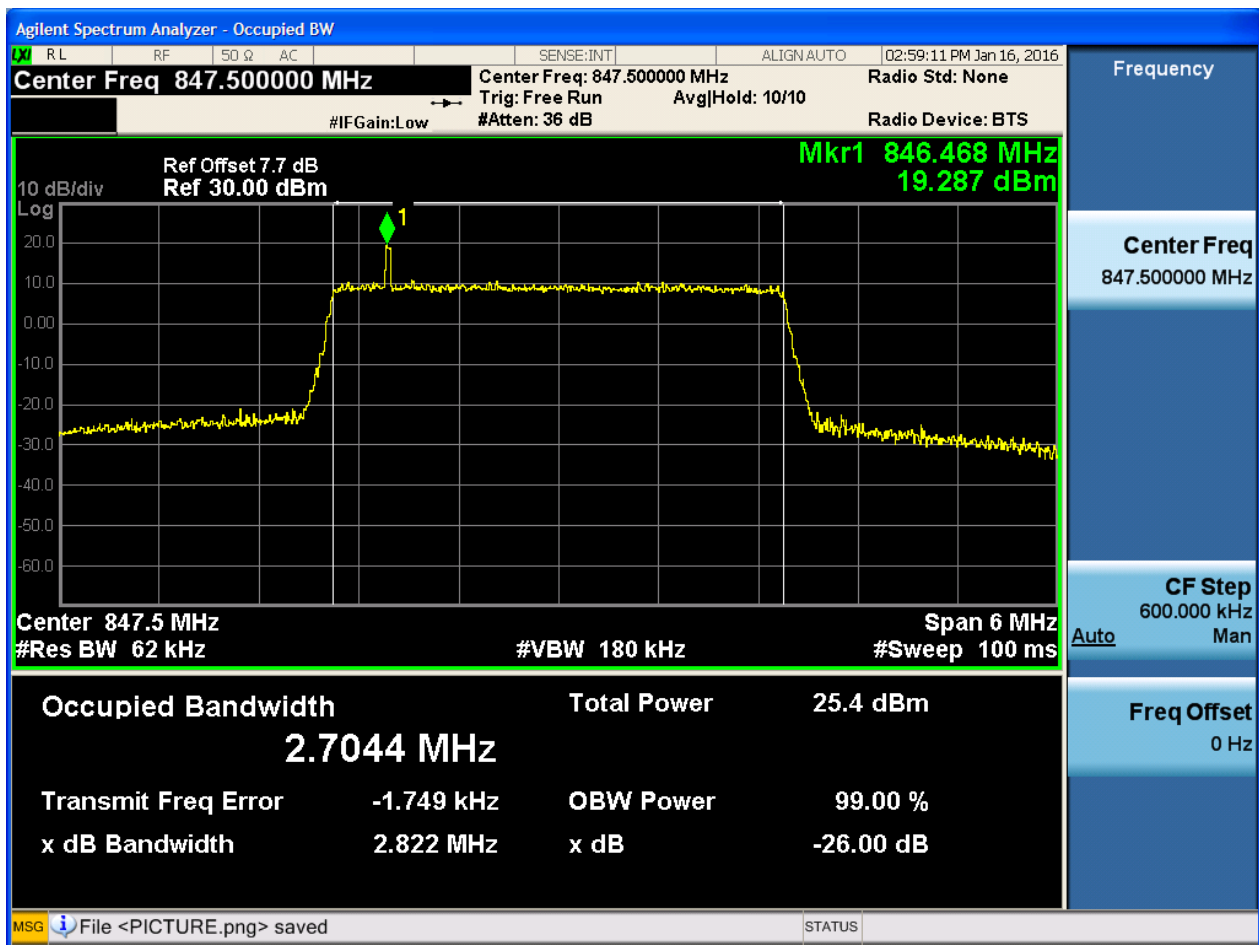
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

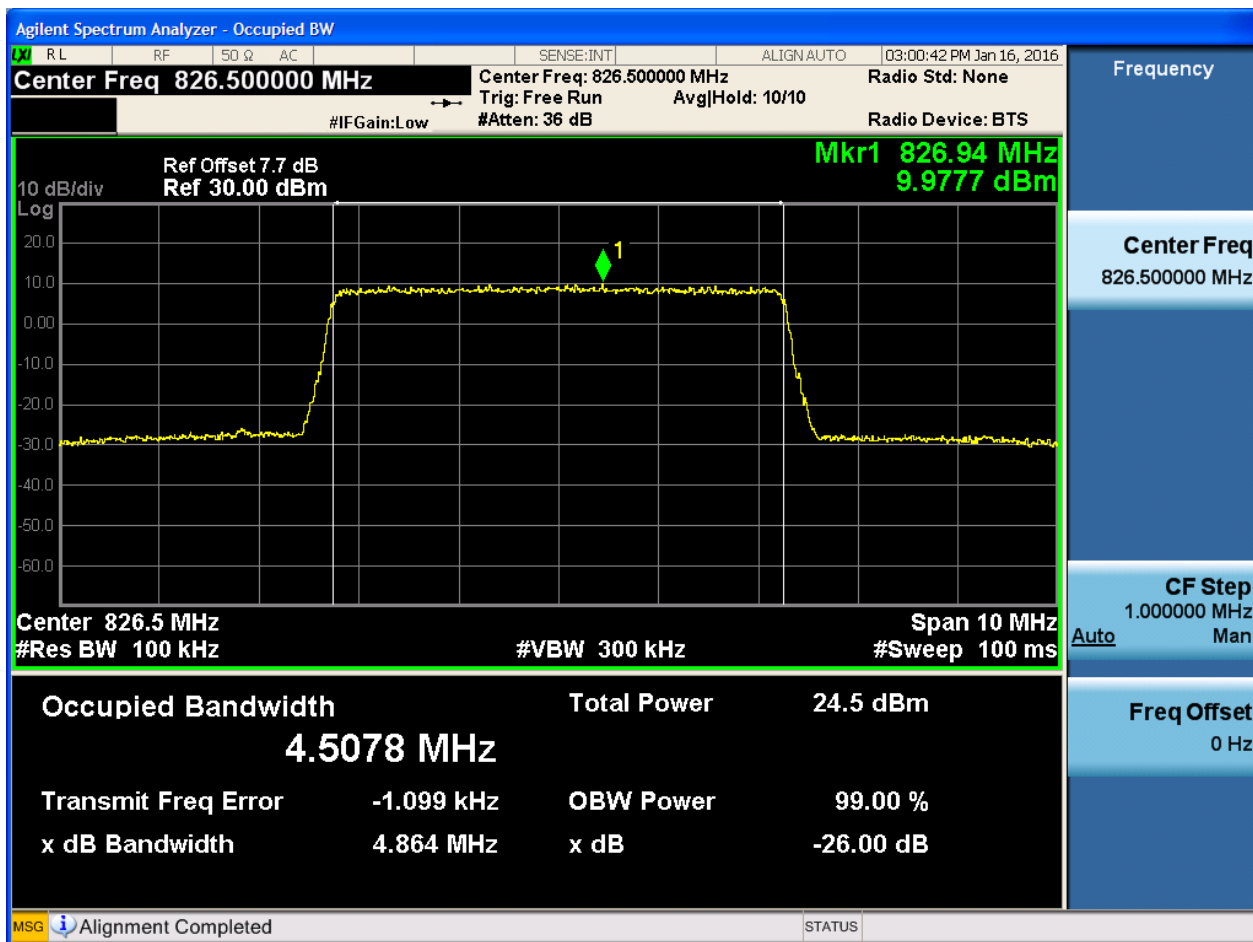




4.1.1.2.3 Test Bandwidth = 5

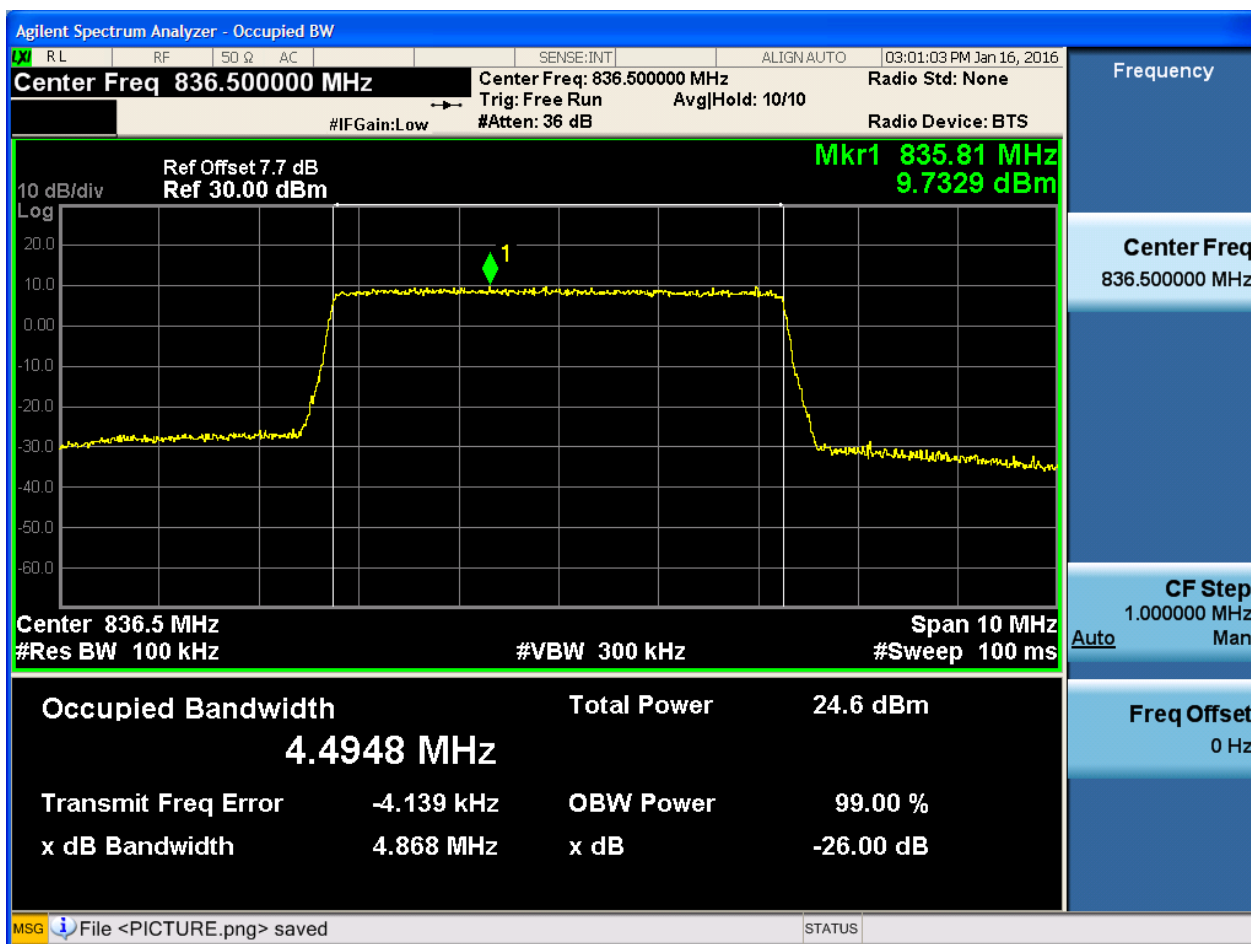
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

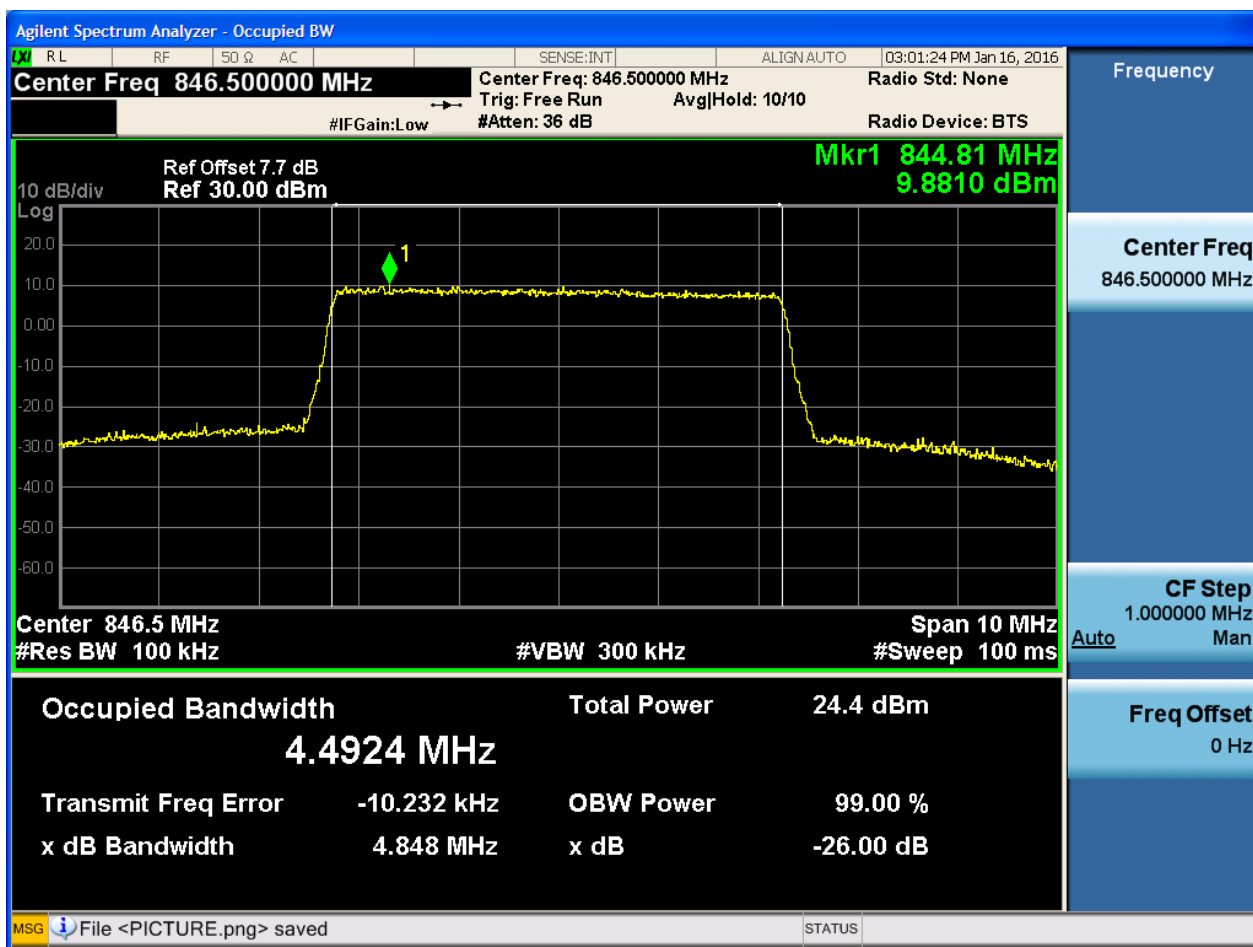
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

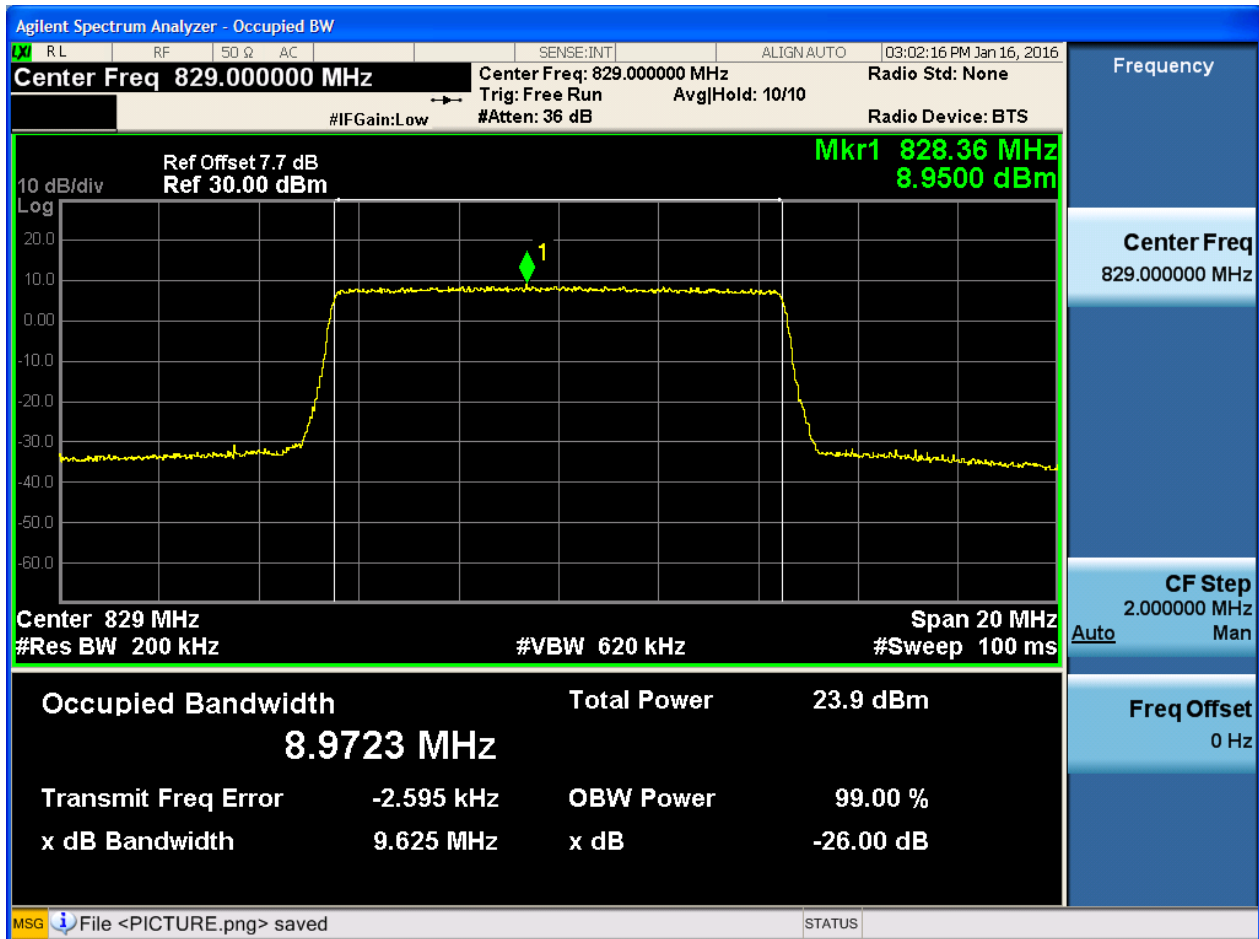




4.1.1.2.4 Test Bandwidth = 10

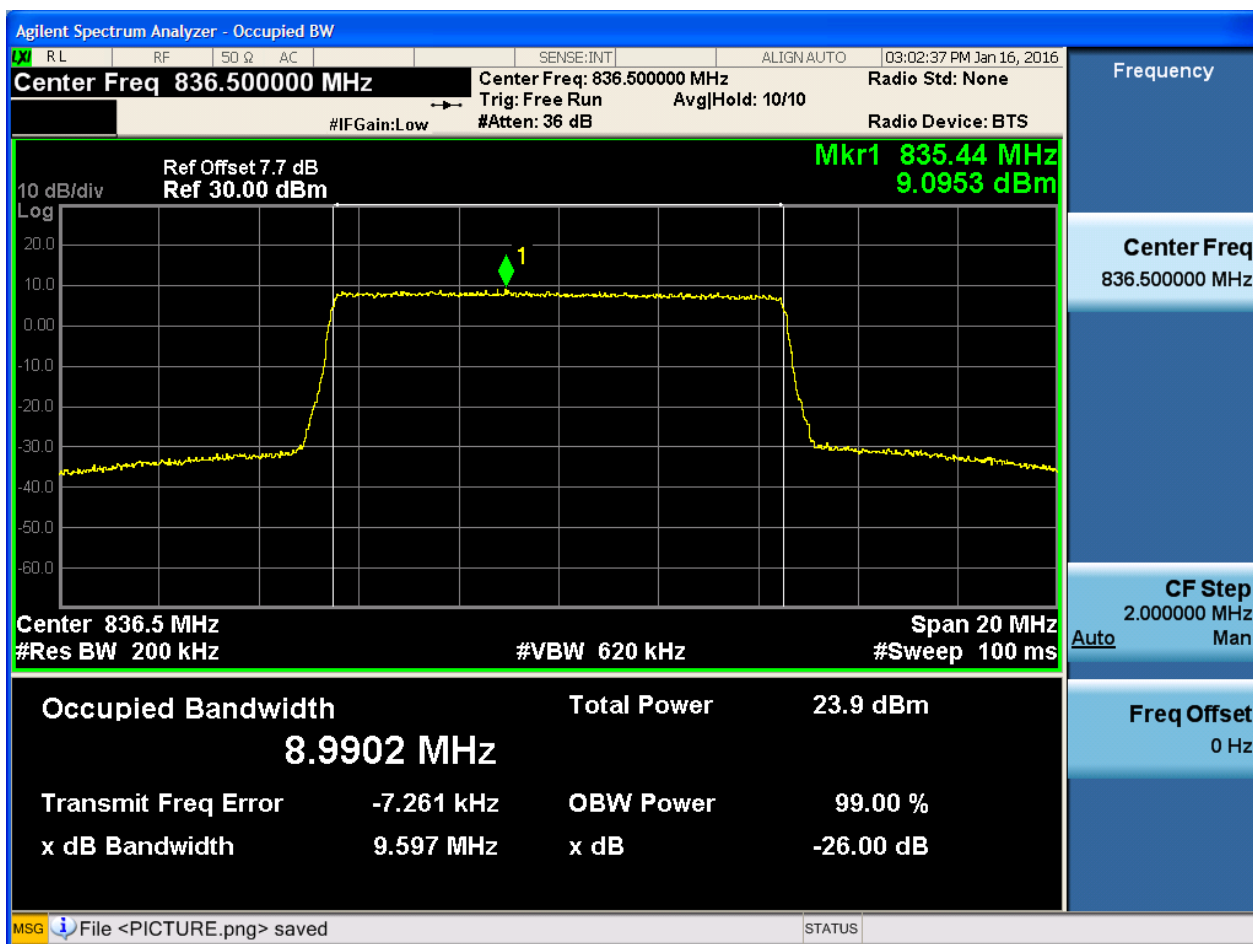
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



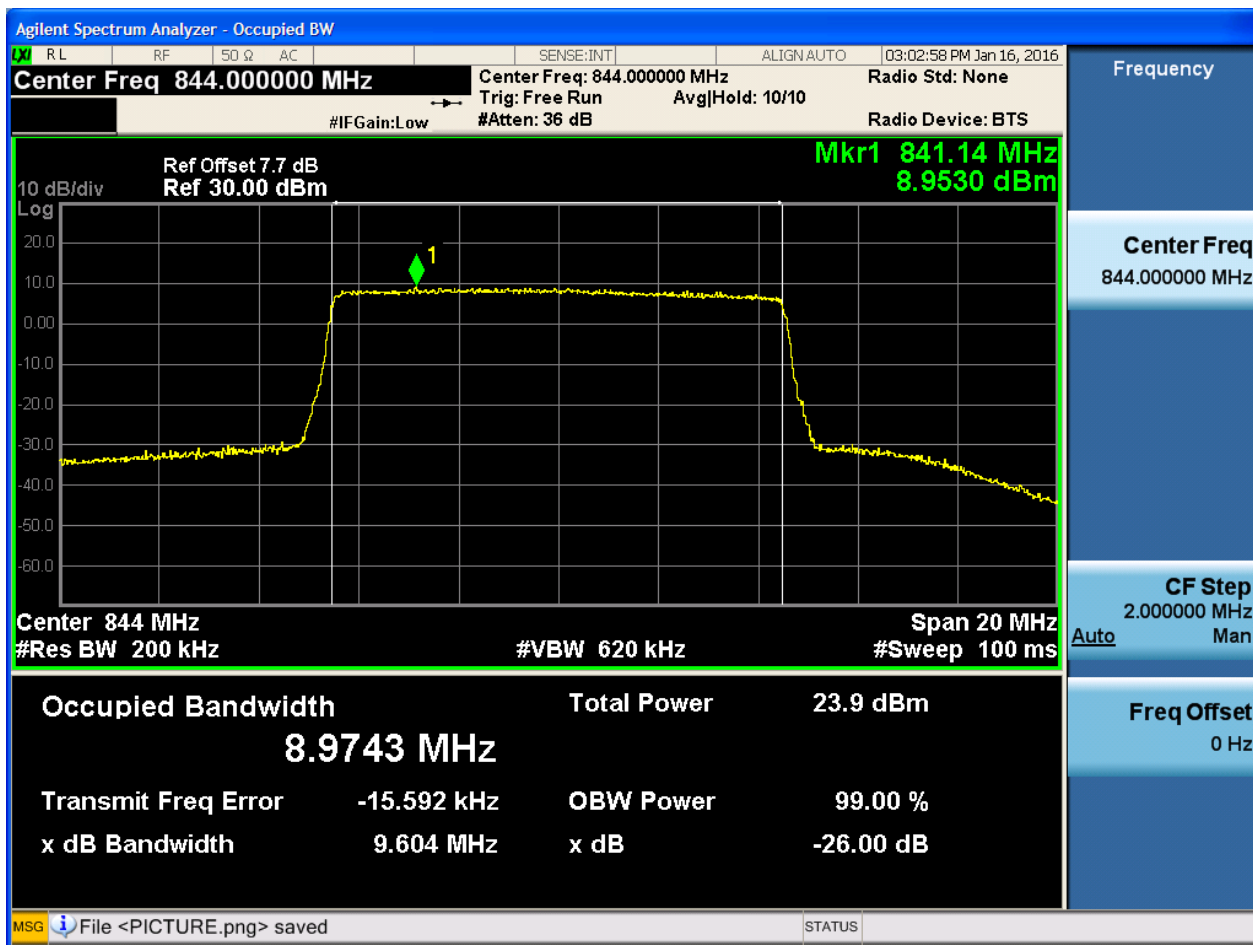
4.1.1.2.4.2 Test Channel = MCH

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

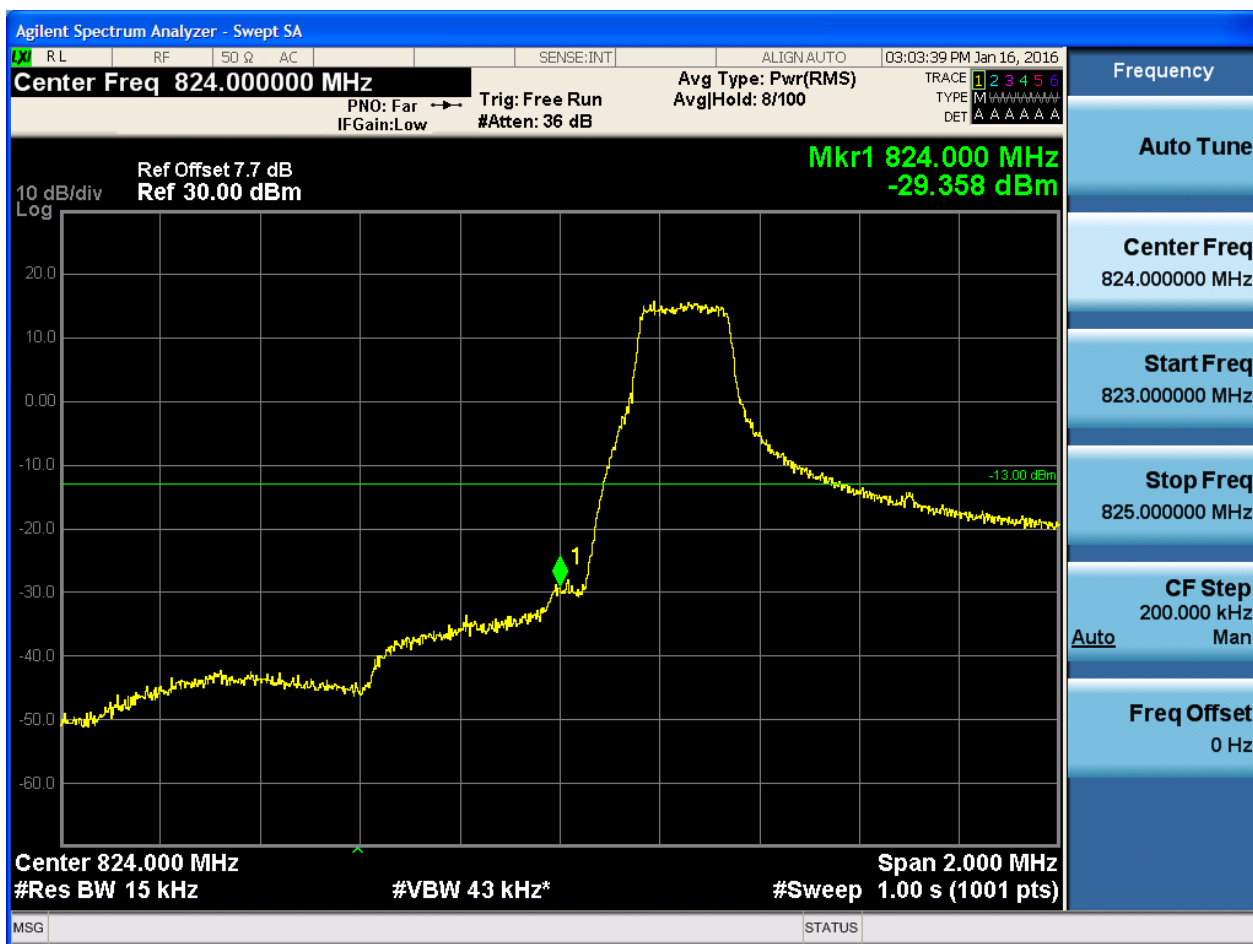
5.1.1 Test Band = BAND5

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

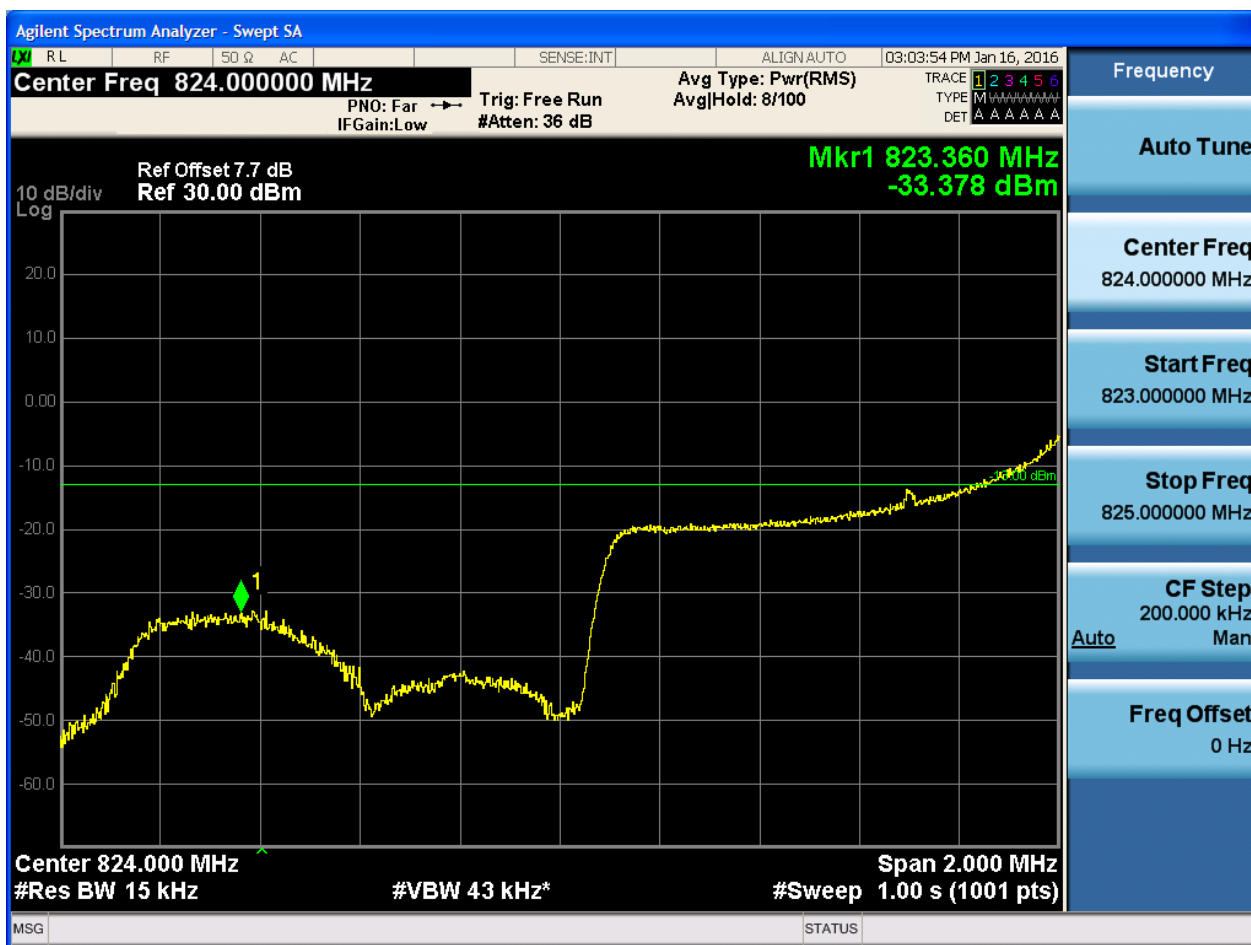
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



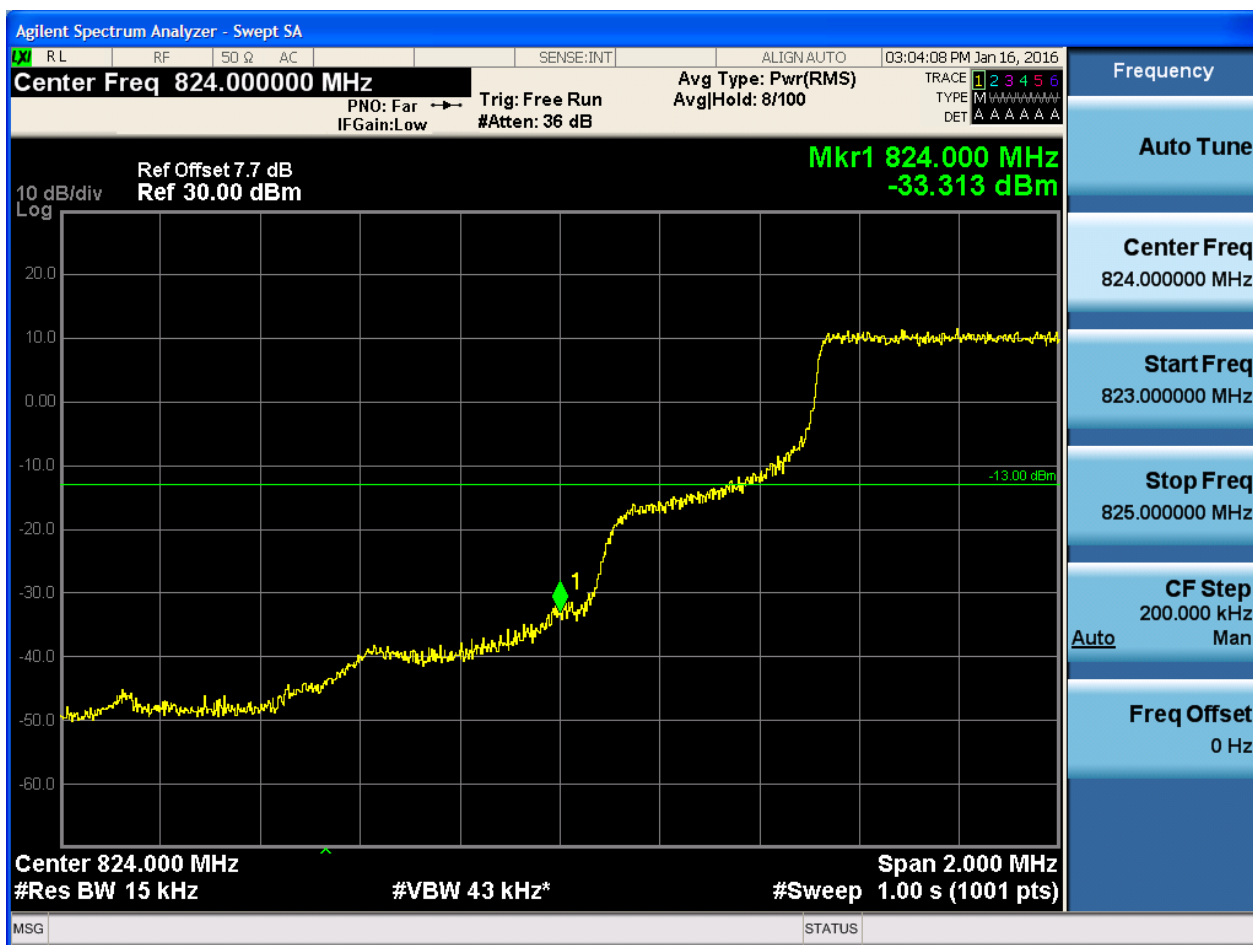


5.1.1.1.1.2 Test RB = RB1#5



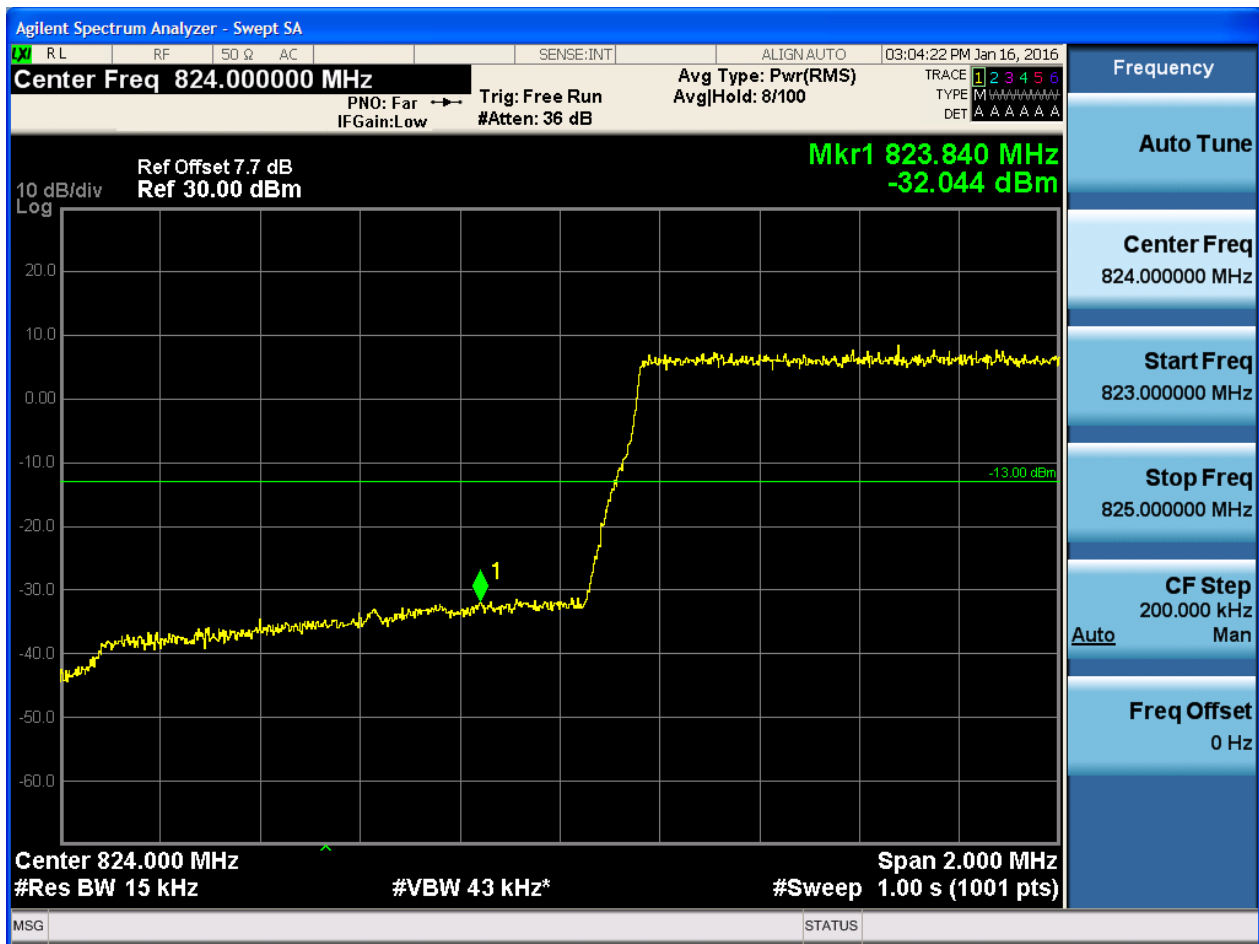


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0



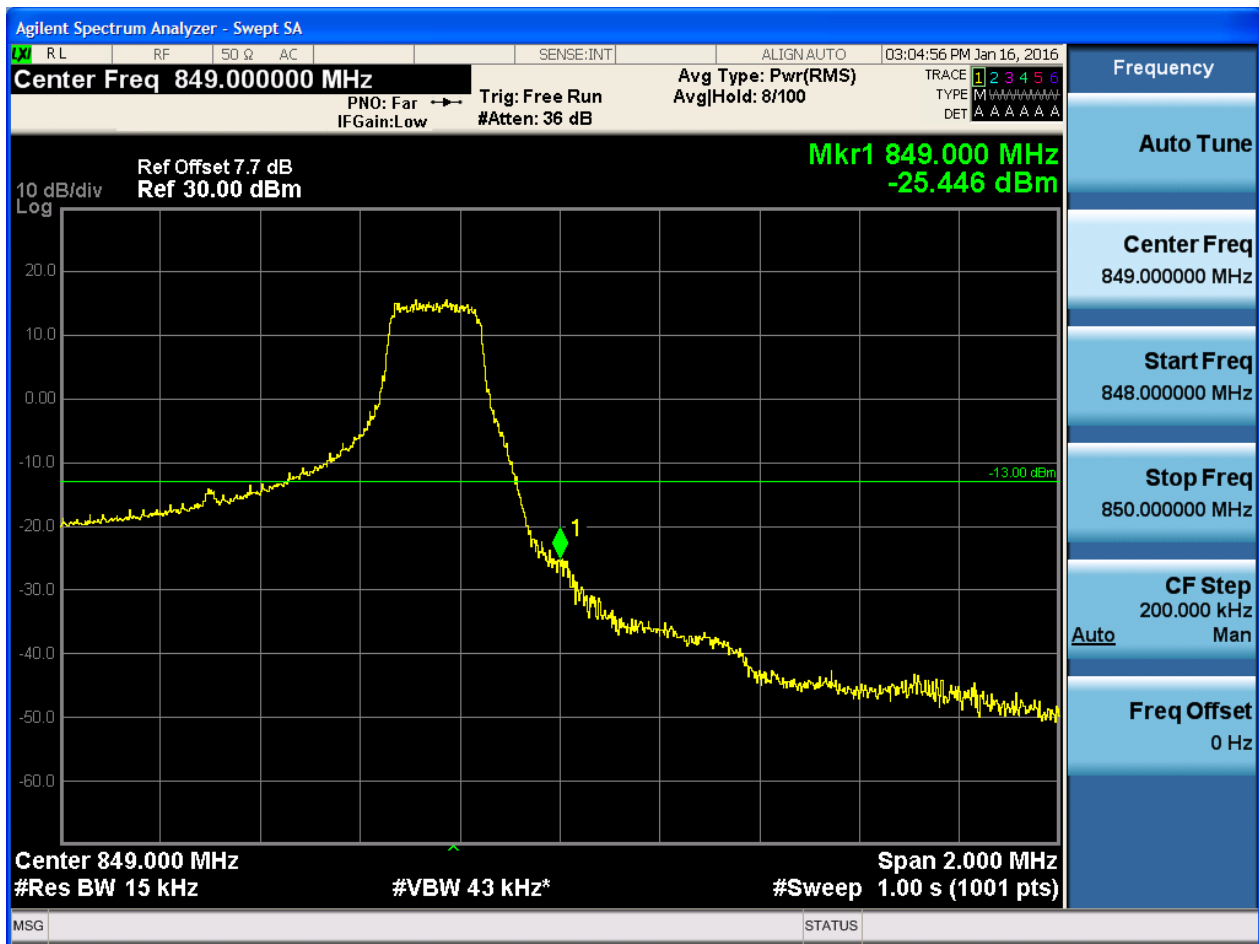
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.030 MHz
-27.922 dBm

Center 849.000 MHz
#Res BW 15 kHz
#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

The screenshot displays a spectrum analyzer interface. The main plot area shows a yellow trace of a signal that is relatively flat around 10 dBm from 848 MHz to 849 MHz, then drops sharply to about -30 dBm by 849.5 MHz, and continues to decrease with some noise. A green horizontal line is drawn at -13.00 dBm. A green marker labeled '1' is placed on the trace at 849.030 MHz. The top of the screen shows various settings: Center Freq 849.000000 MHz, Ref Offset 7.7 dB, Ref 30.00 dBm, 10 dB/div, Log scale. The right side has a vertical panel with settings: Frequency, Auto Tune, Center Freq 849.000000 MHz, Start Freq 848.000000 MHz, Stop Freq 850.000000 MHz, CF Step 200.000 kHz (Manual), Auto, Freq Offset 0 Hz. The bottom of the screen shows: Center 849.000 MHz, #Res BW 15 kHz, #VBW 43 kHz*, Span 2.000 MHz, #Sweep 1.00 s (1001 pts). The bottom status bar shows MSG and STATUS.



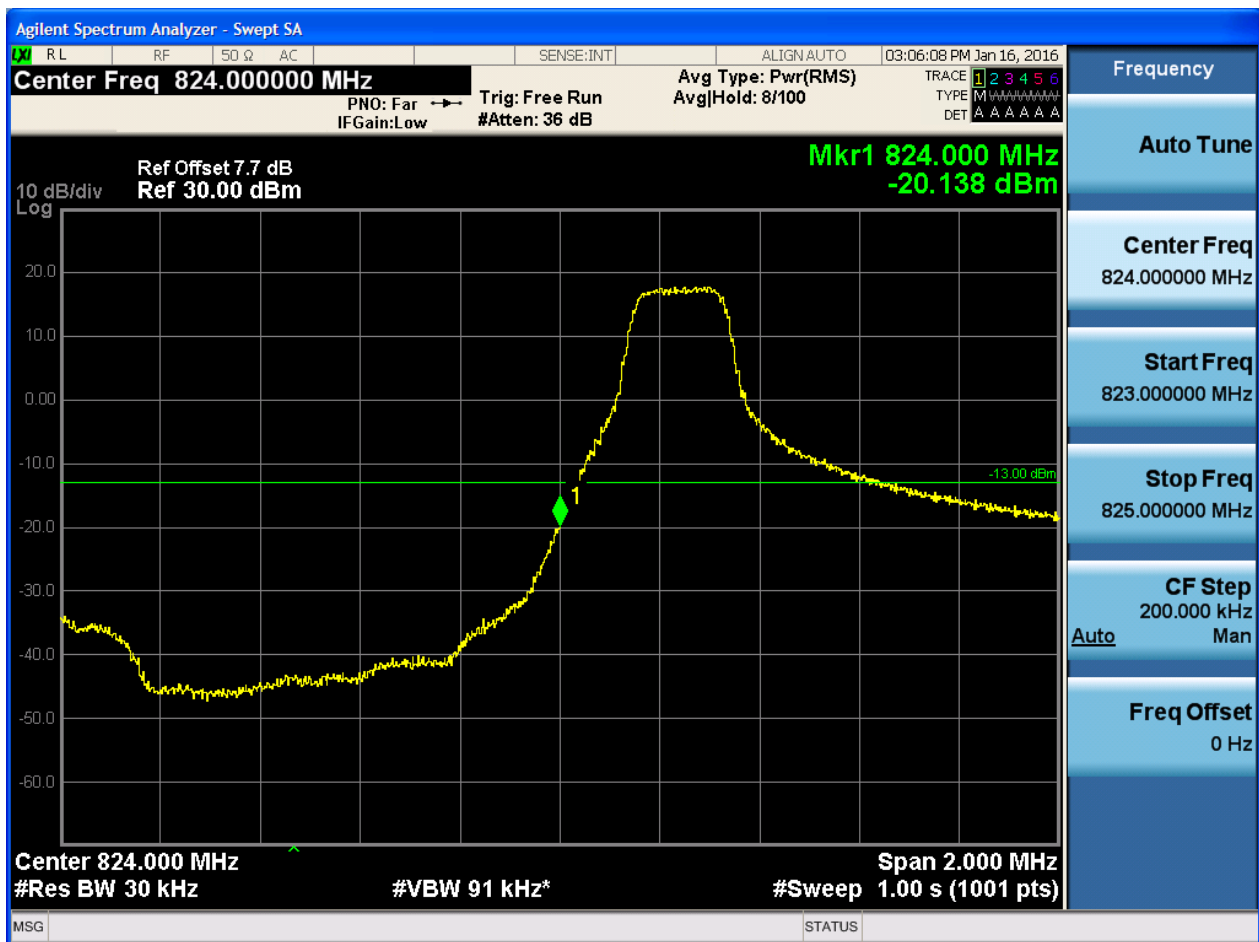
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

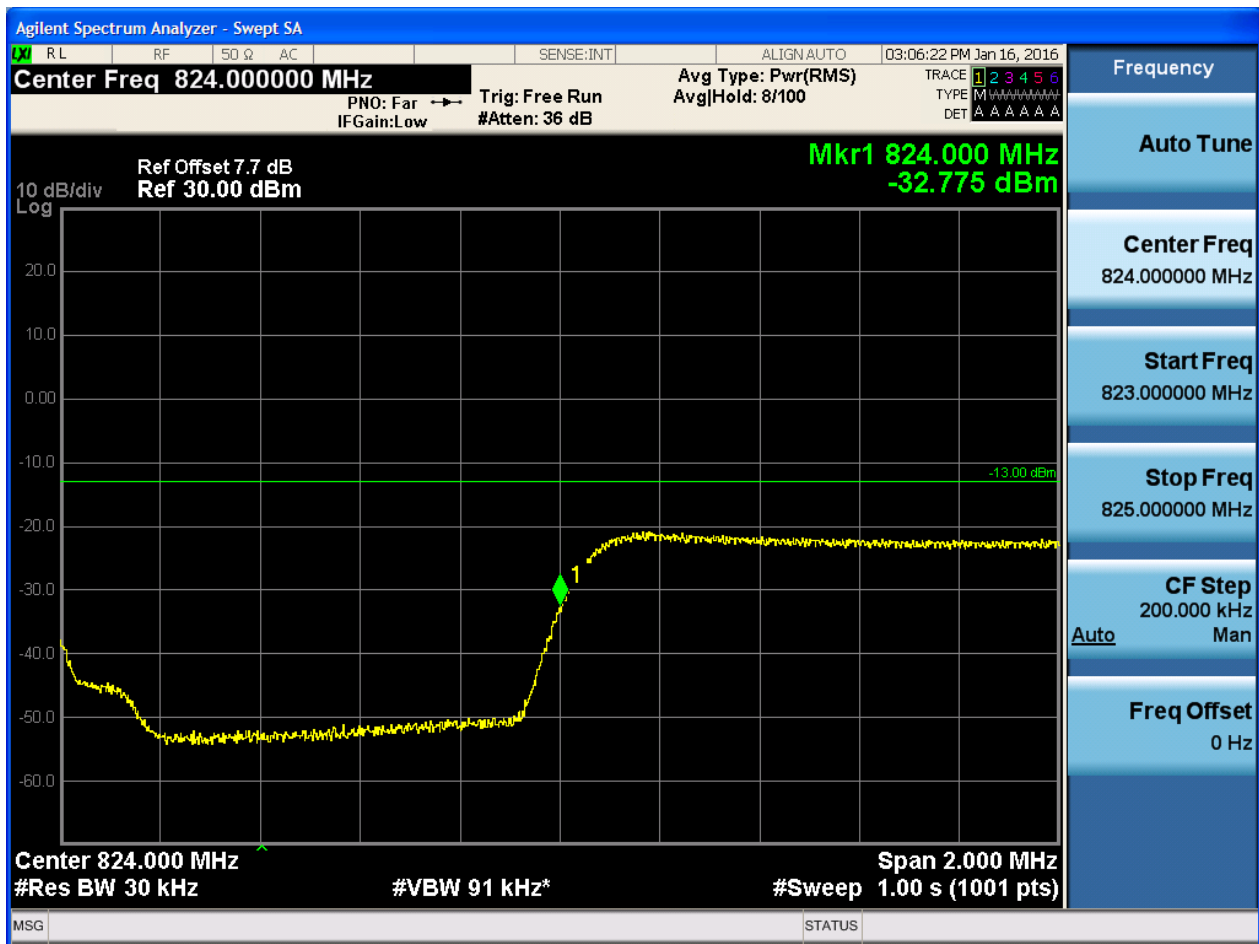
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



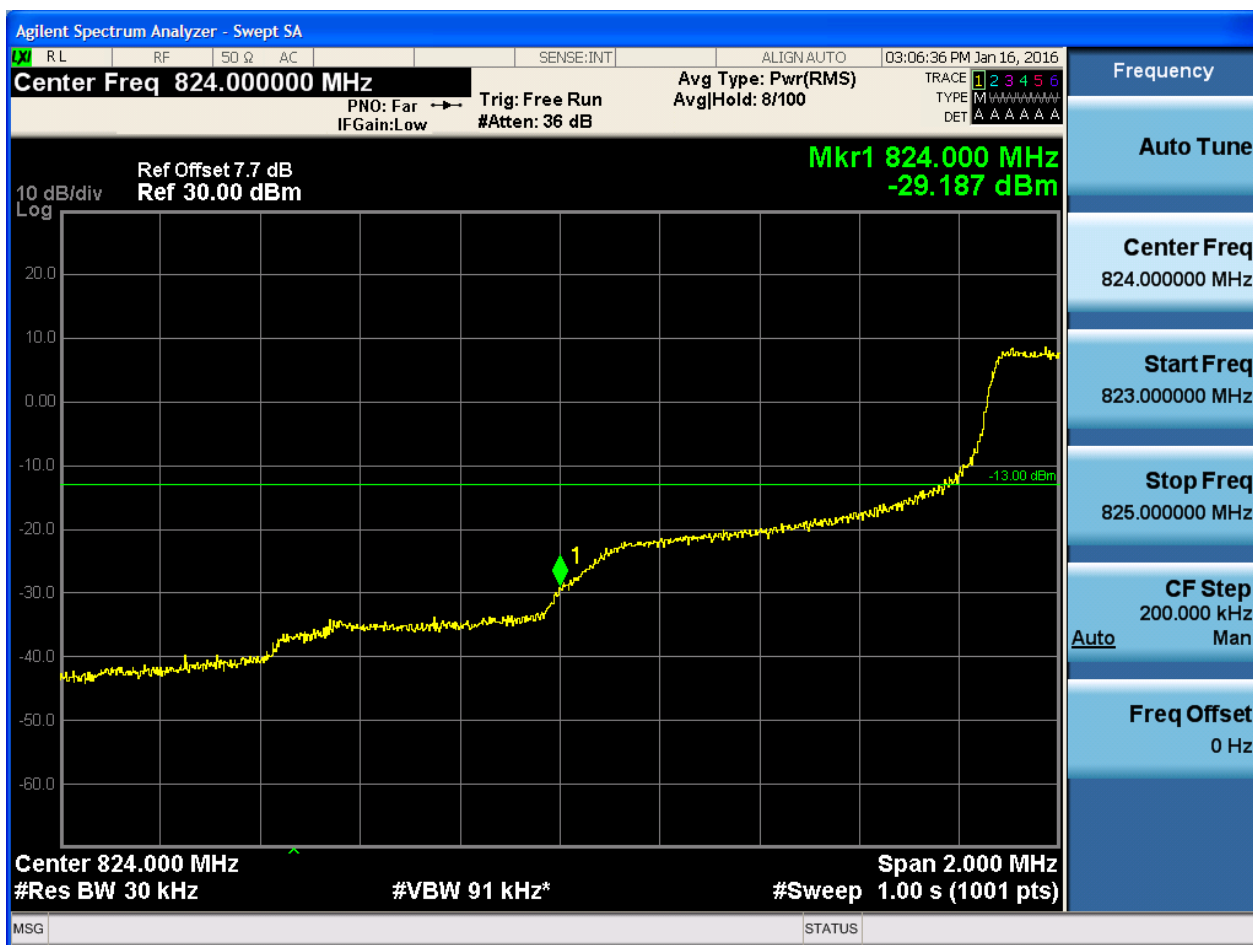


5.1.1.1.2.1.2 Test RB = RB1#14



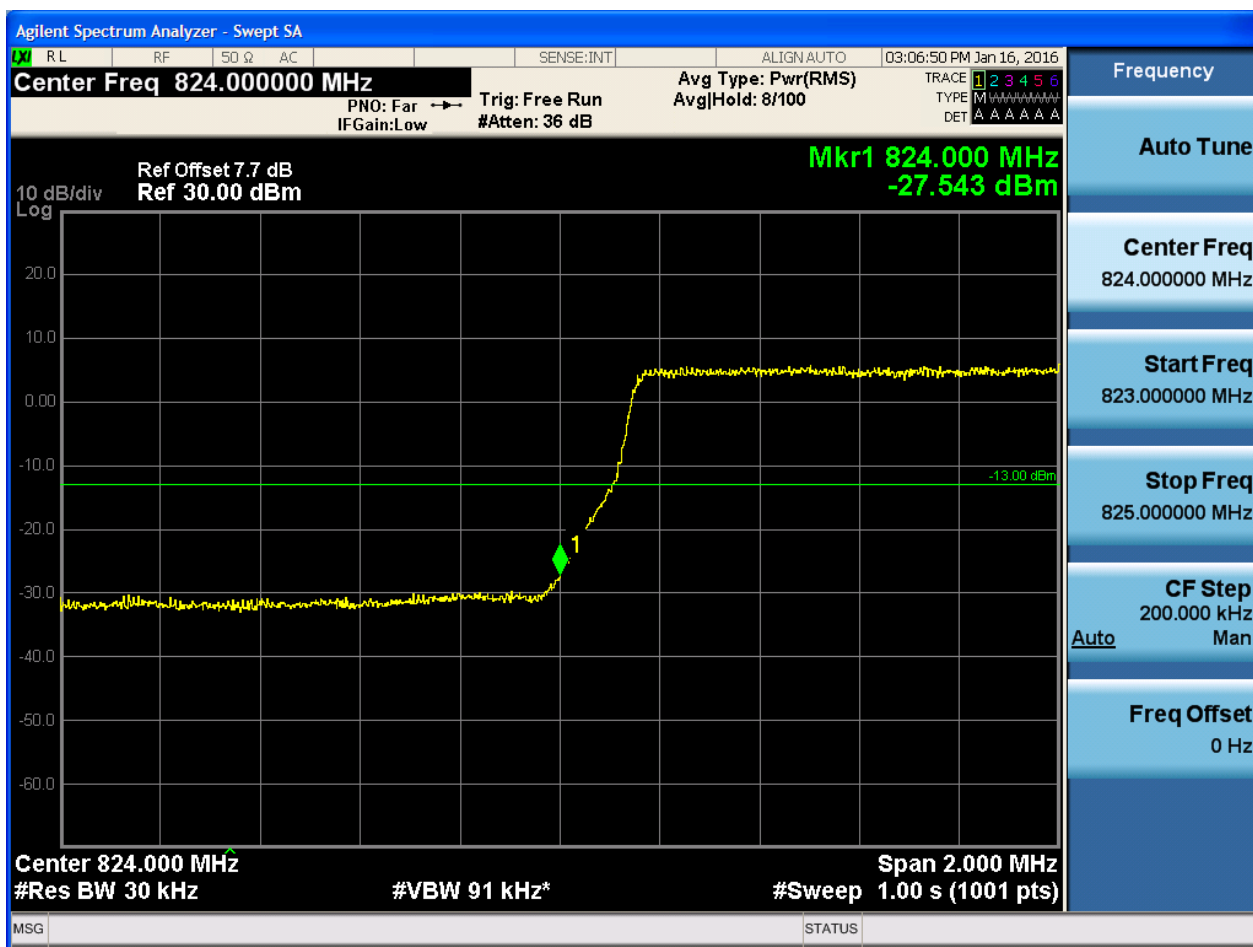


5.1.1.1.2.1.3 Test RB = RB8#4



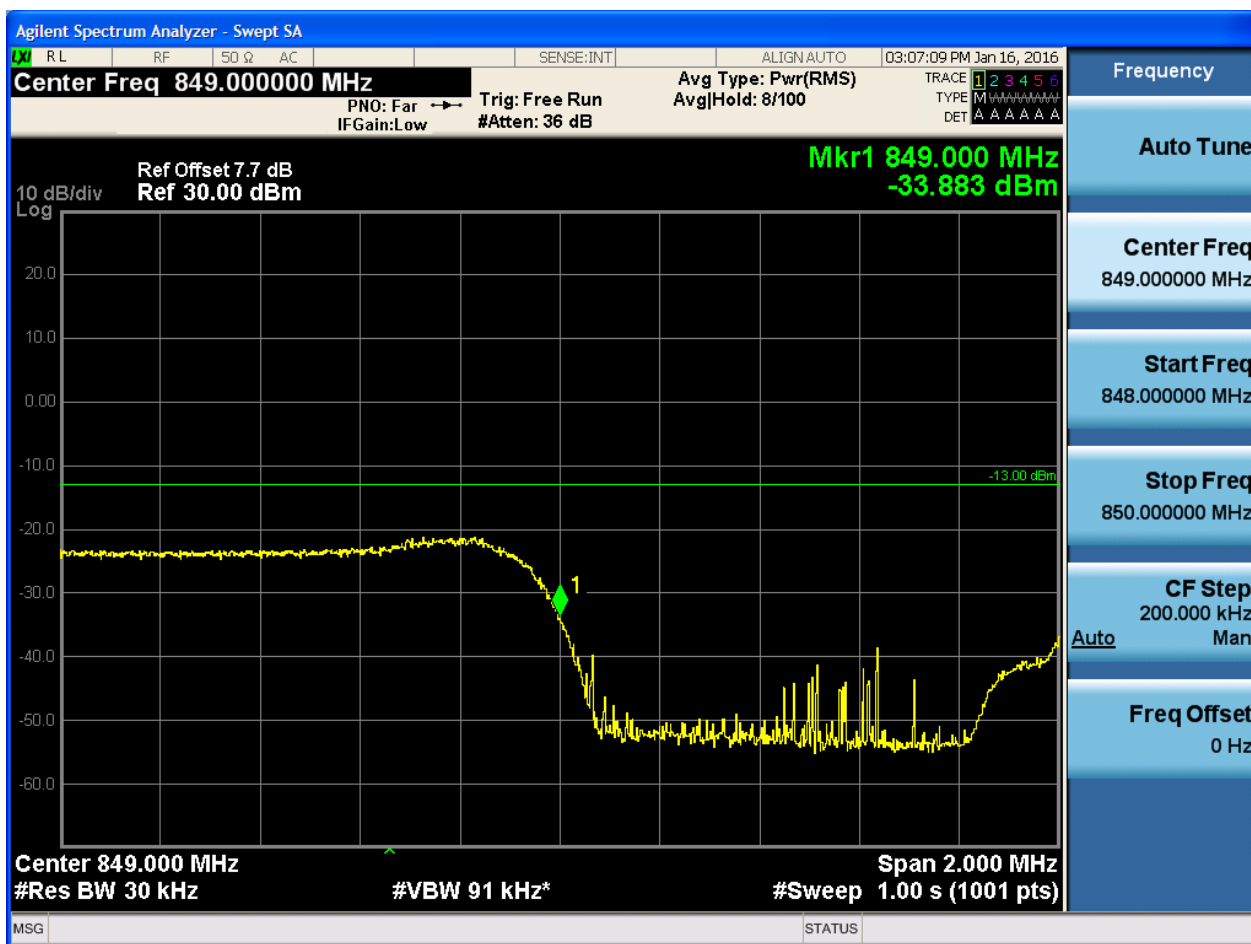


5.1.1.1.2.1.4 Test RB = RB15#0



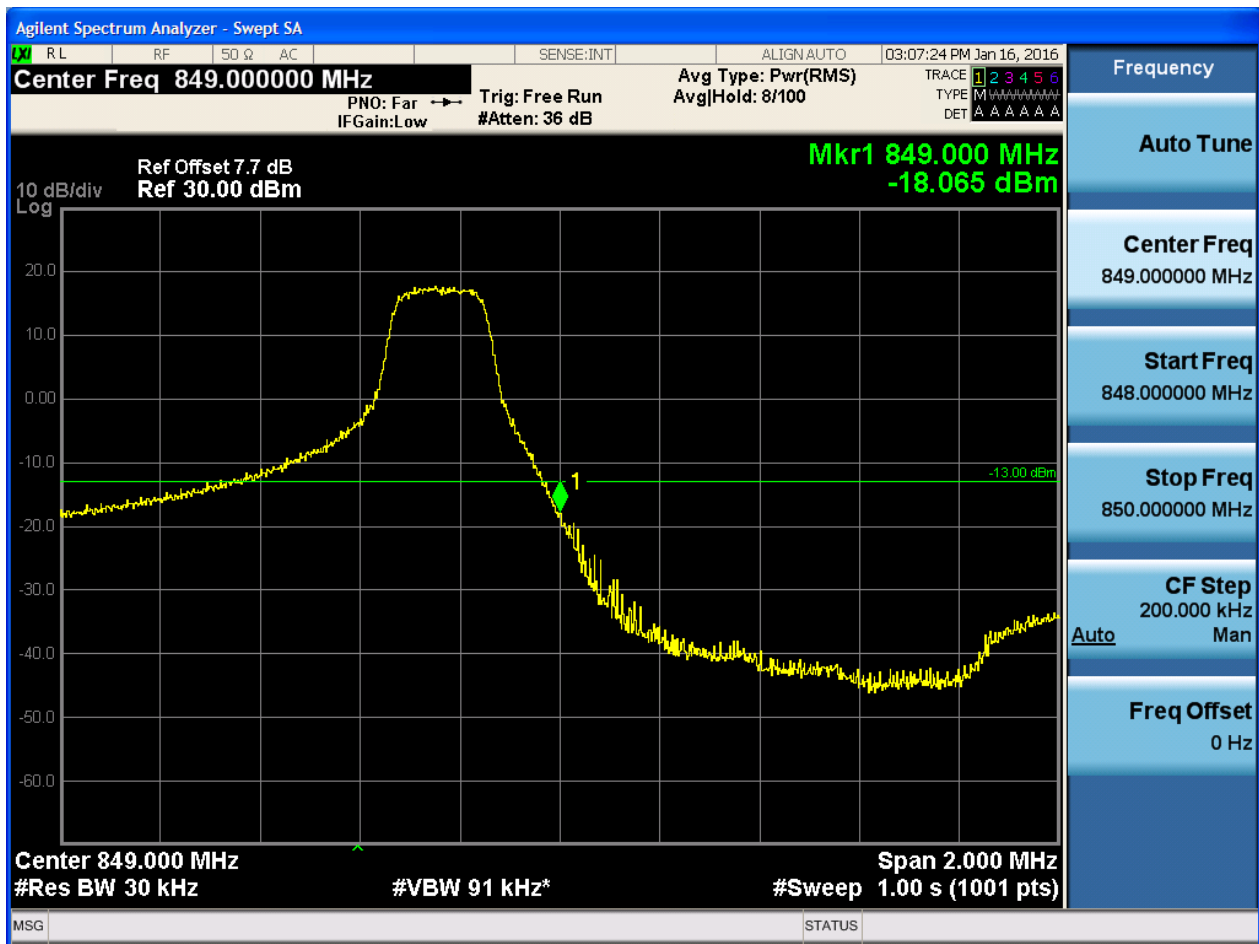
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





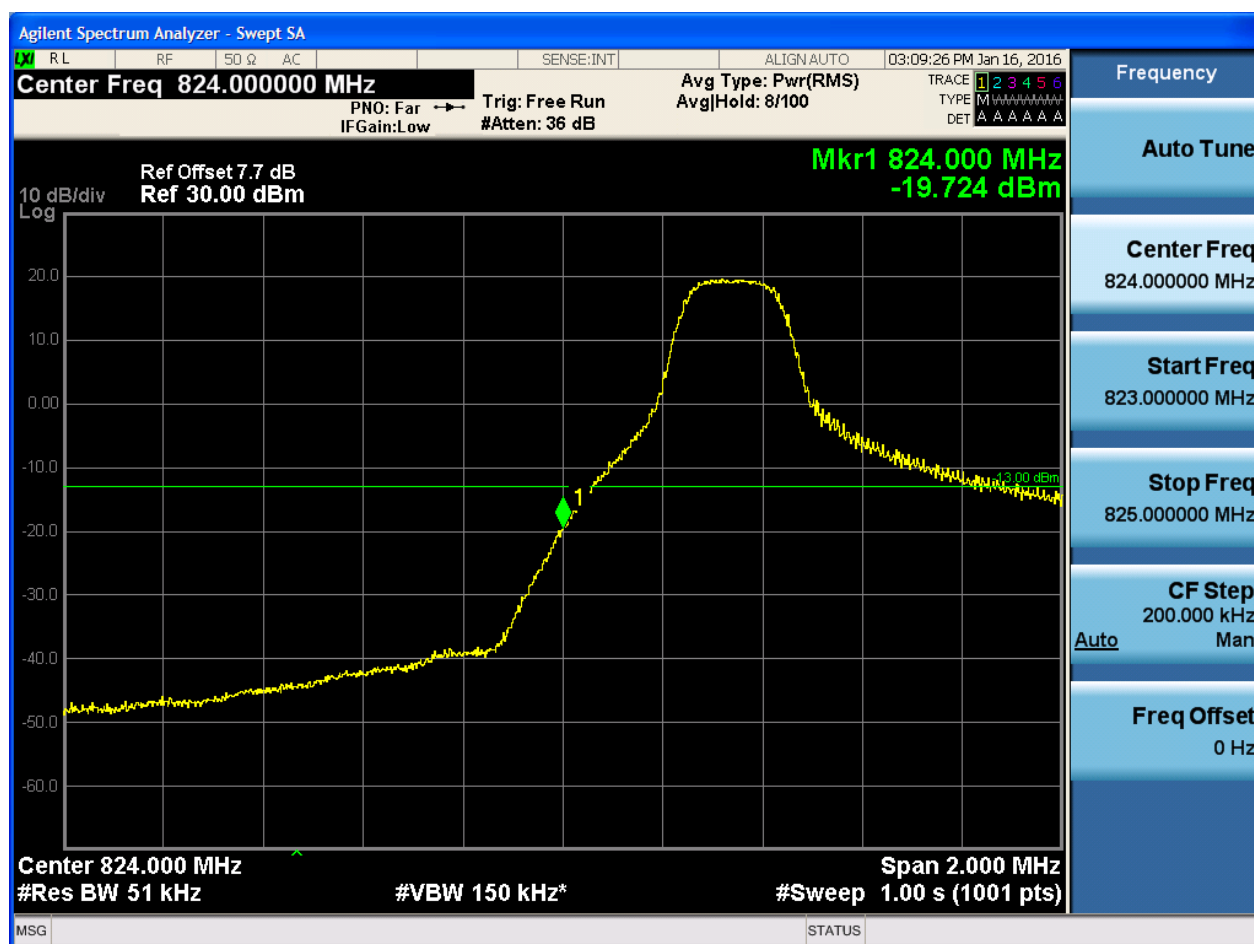
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

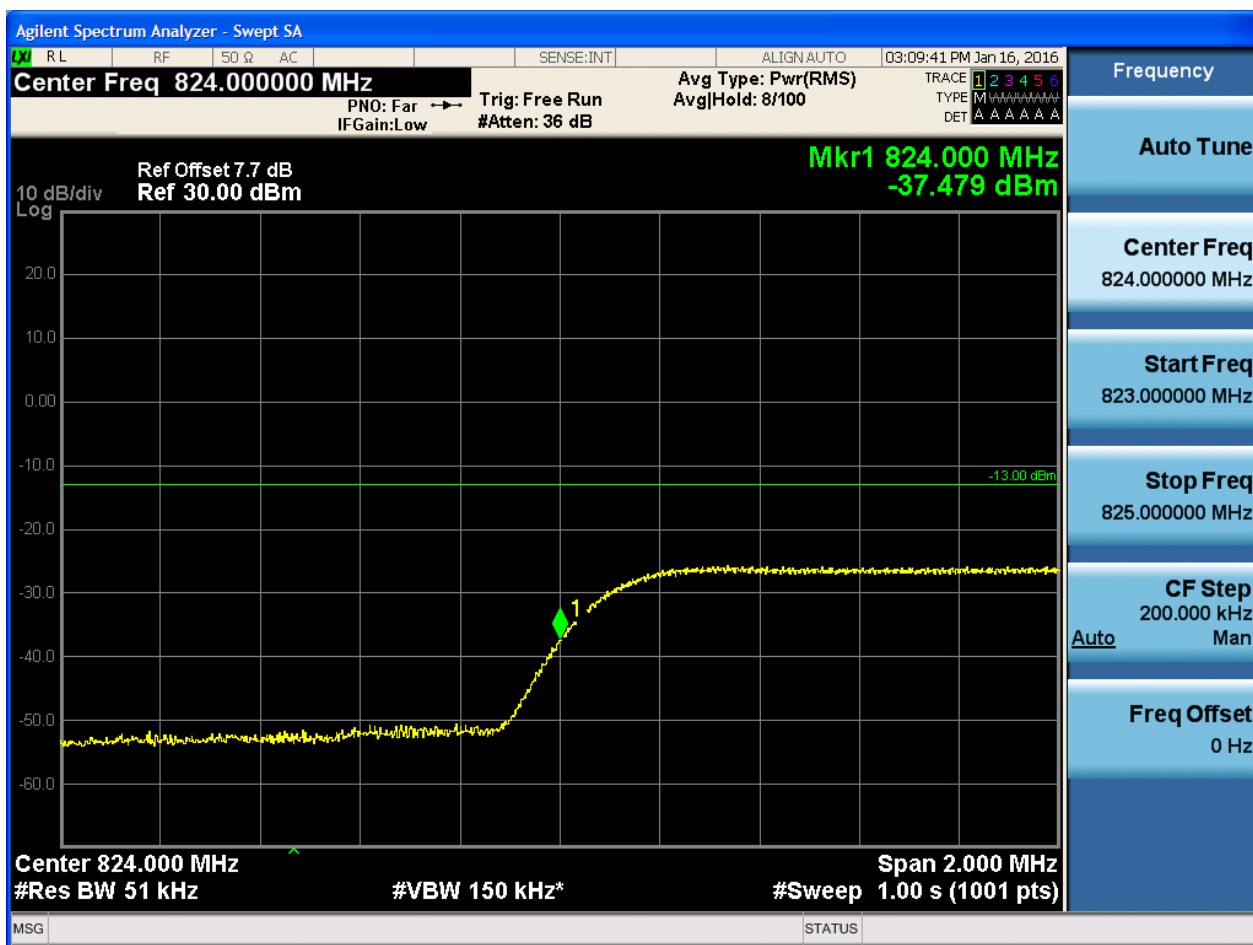
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



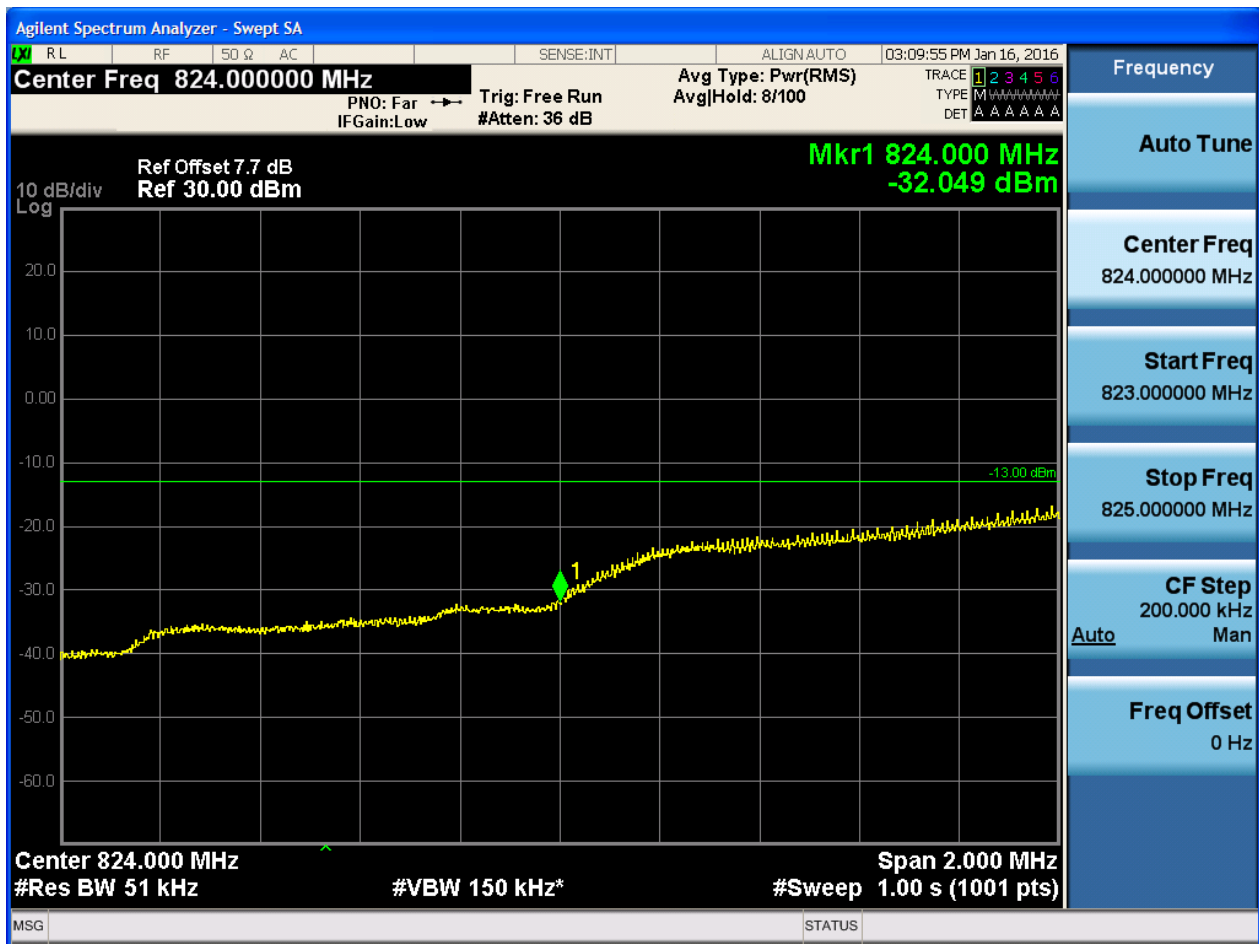


5.1.1.1.3.1.2 Test RB = RB1#24



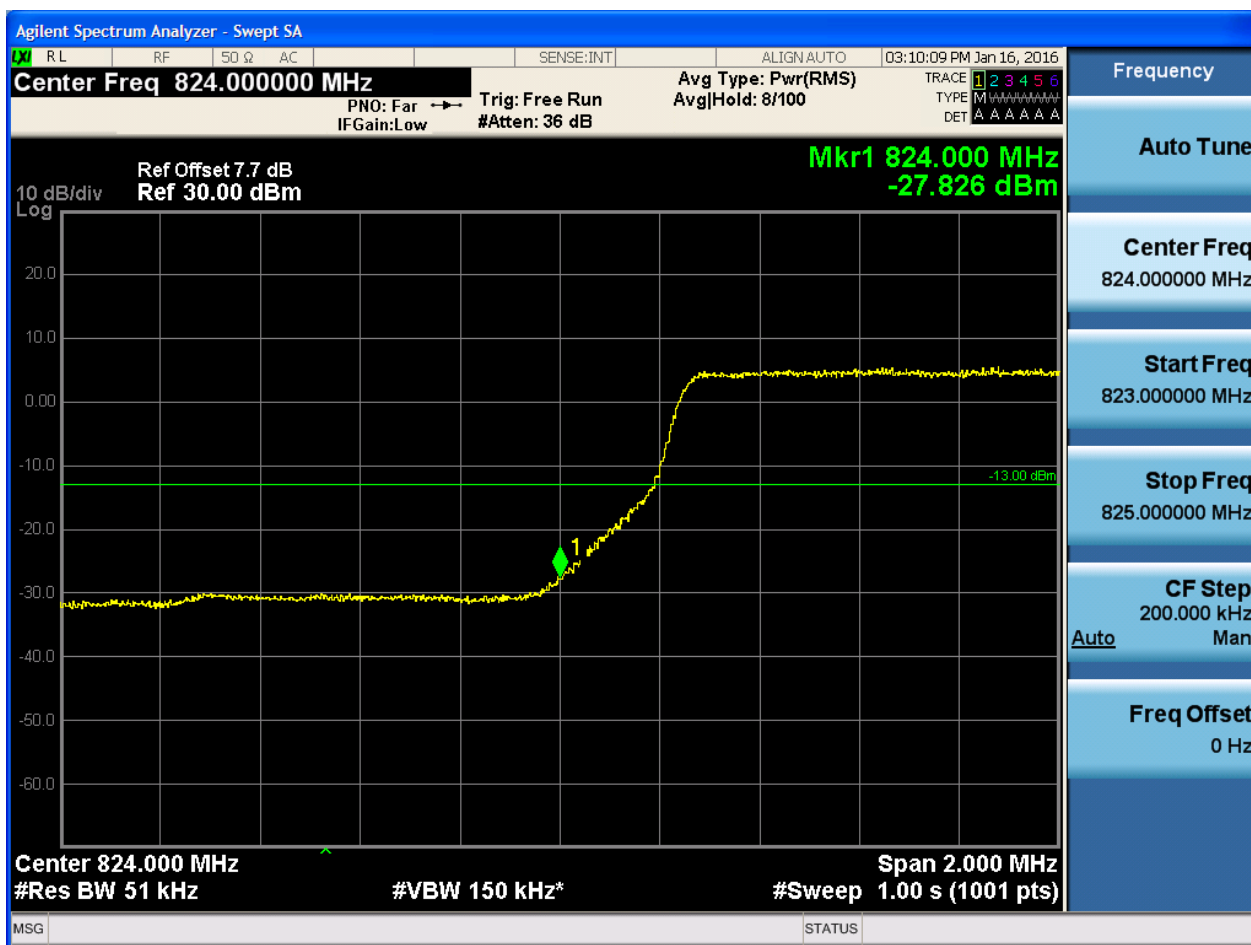


5.1.1.1.3.1.3 Test RB = RB12#6



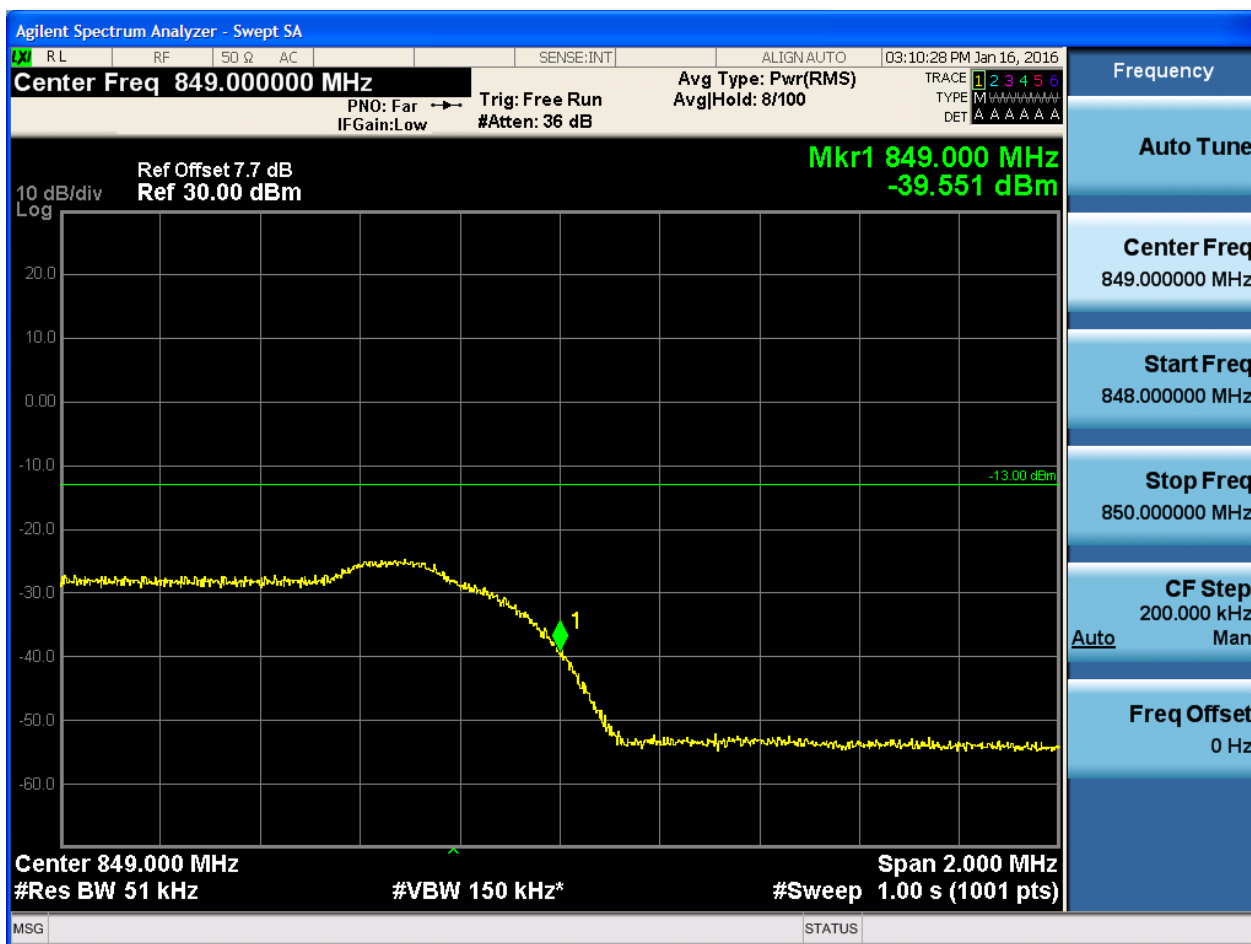


5.1.1.1.3.1.4 Test RB = RB25#0



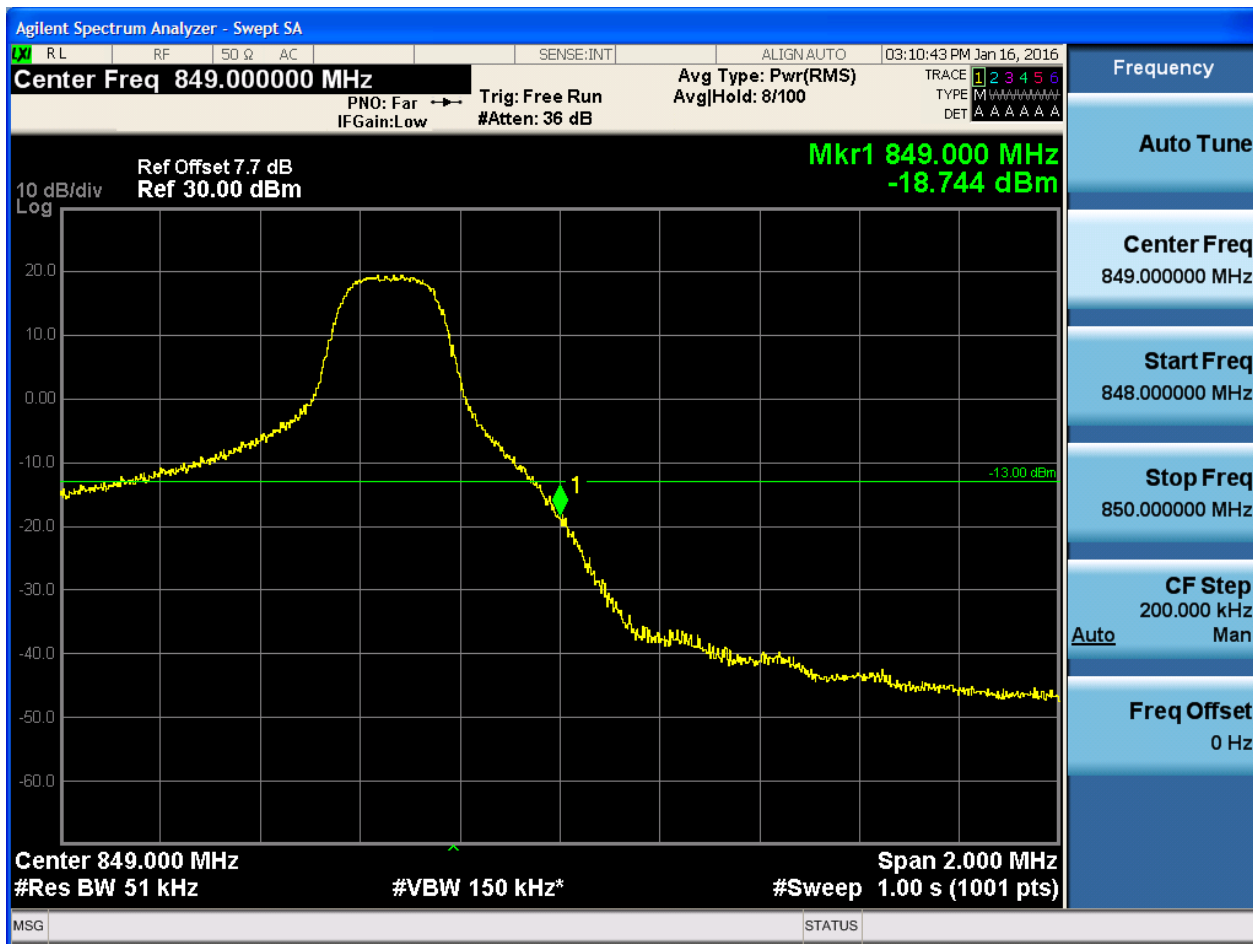
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





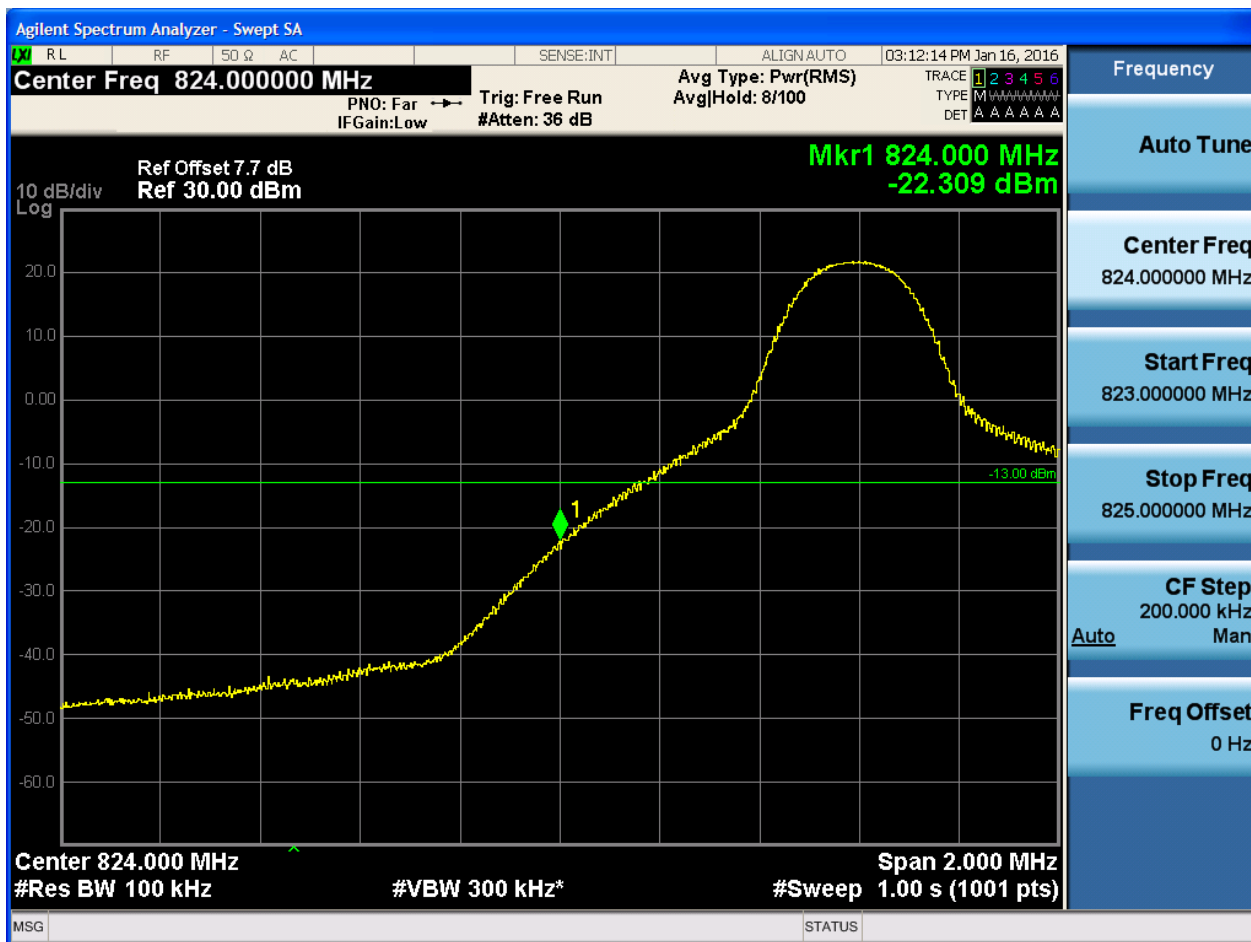
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

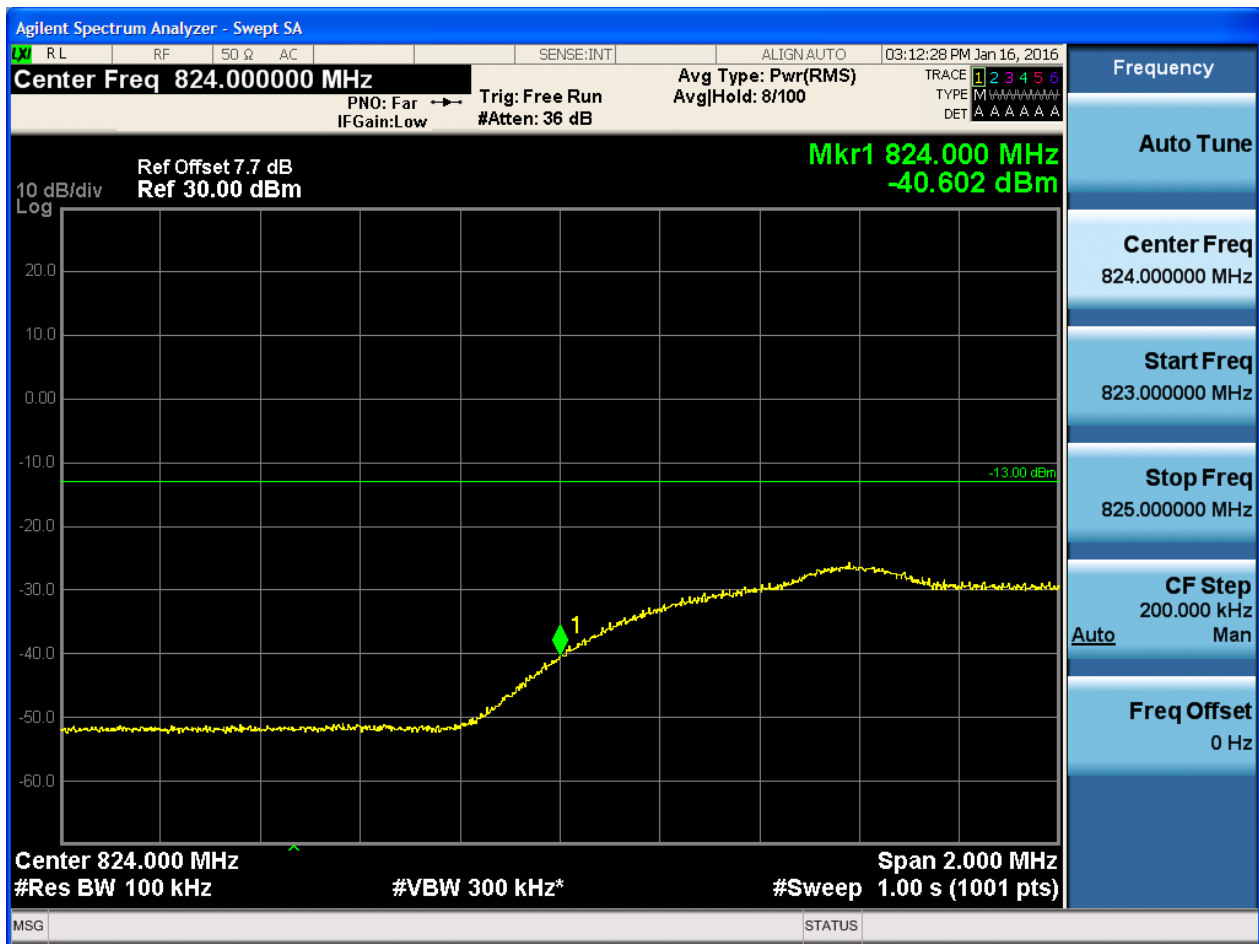
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49



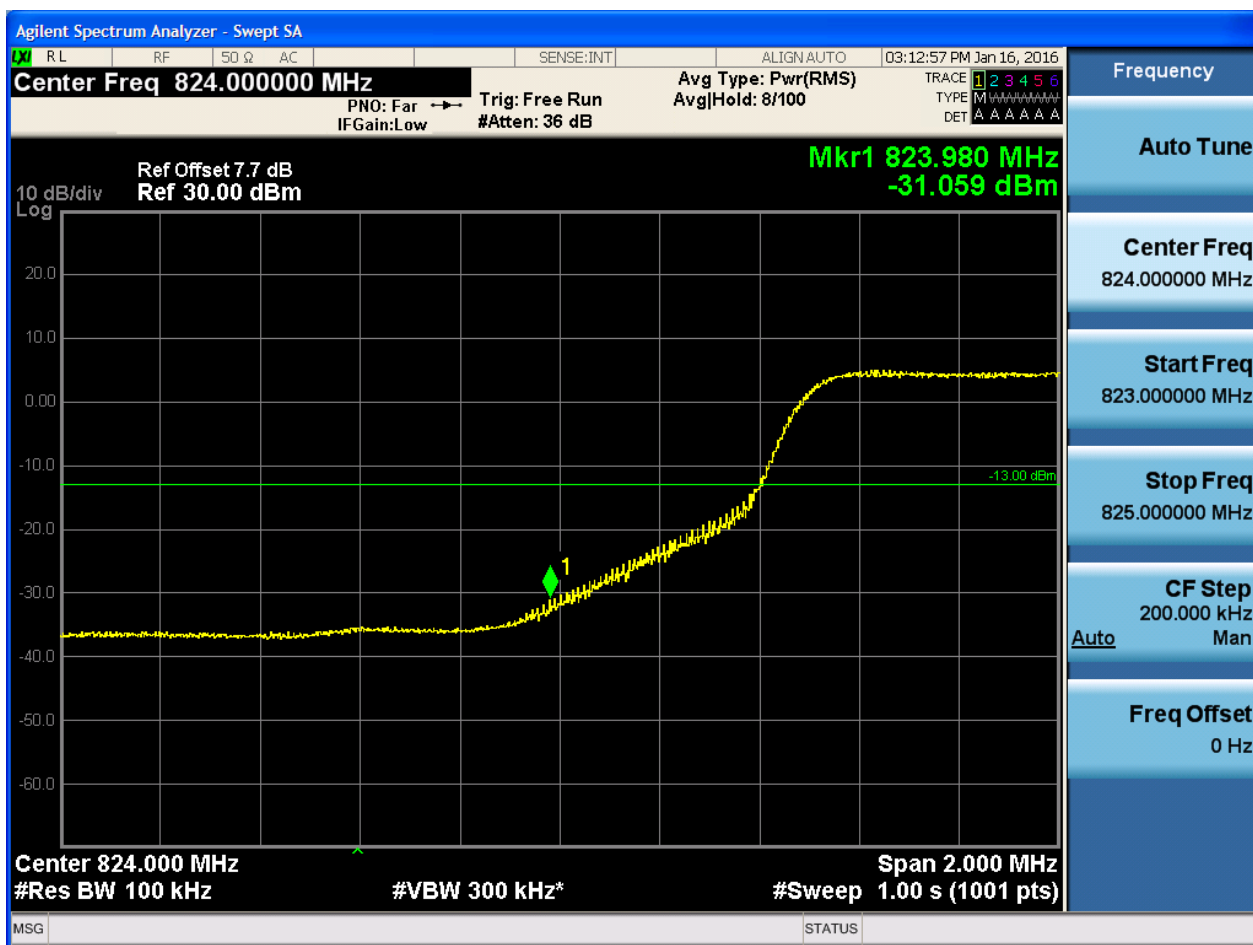


5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0



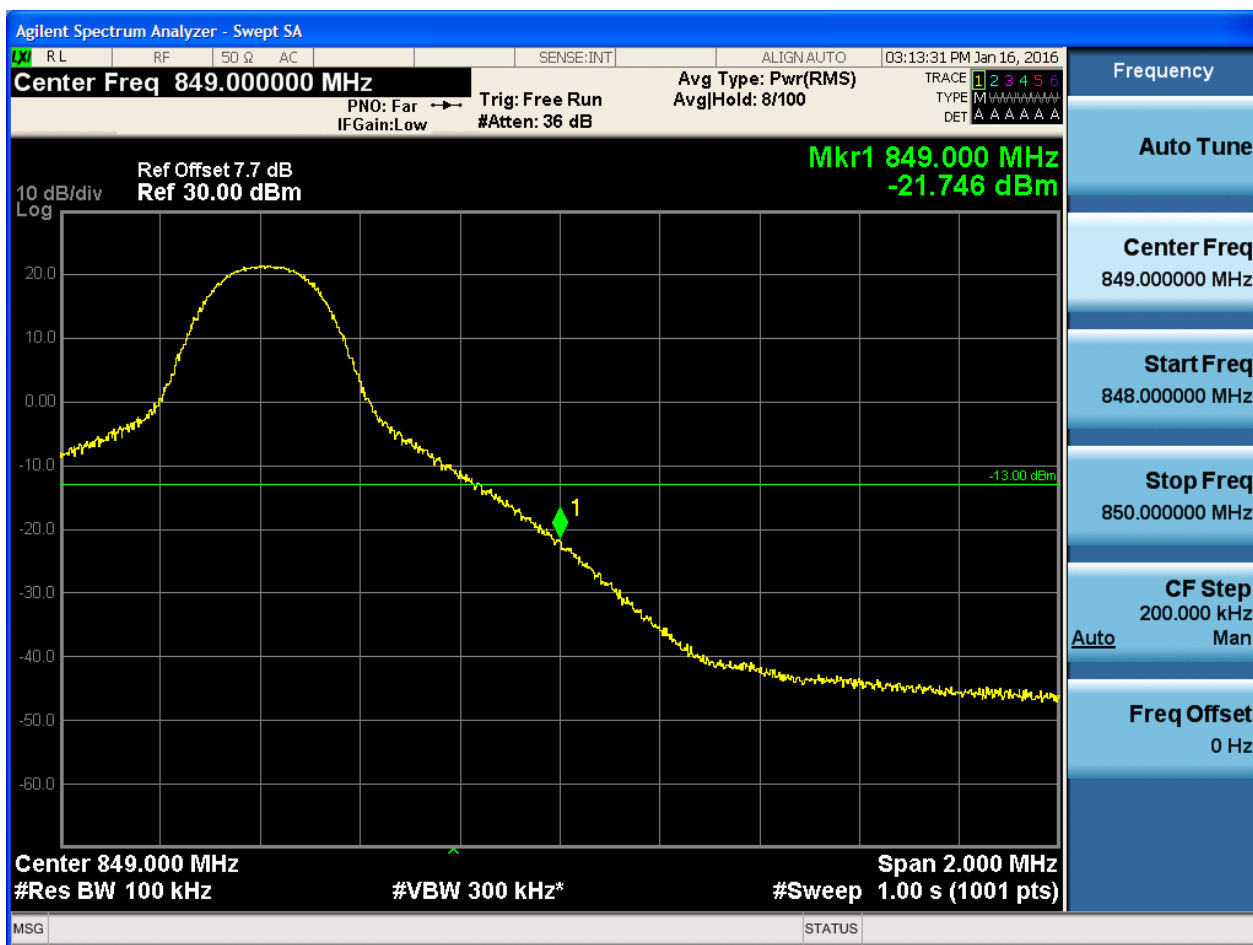
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49



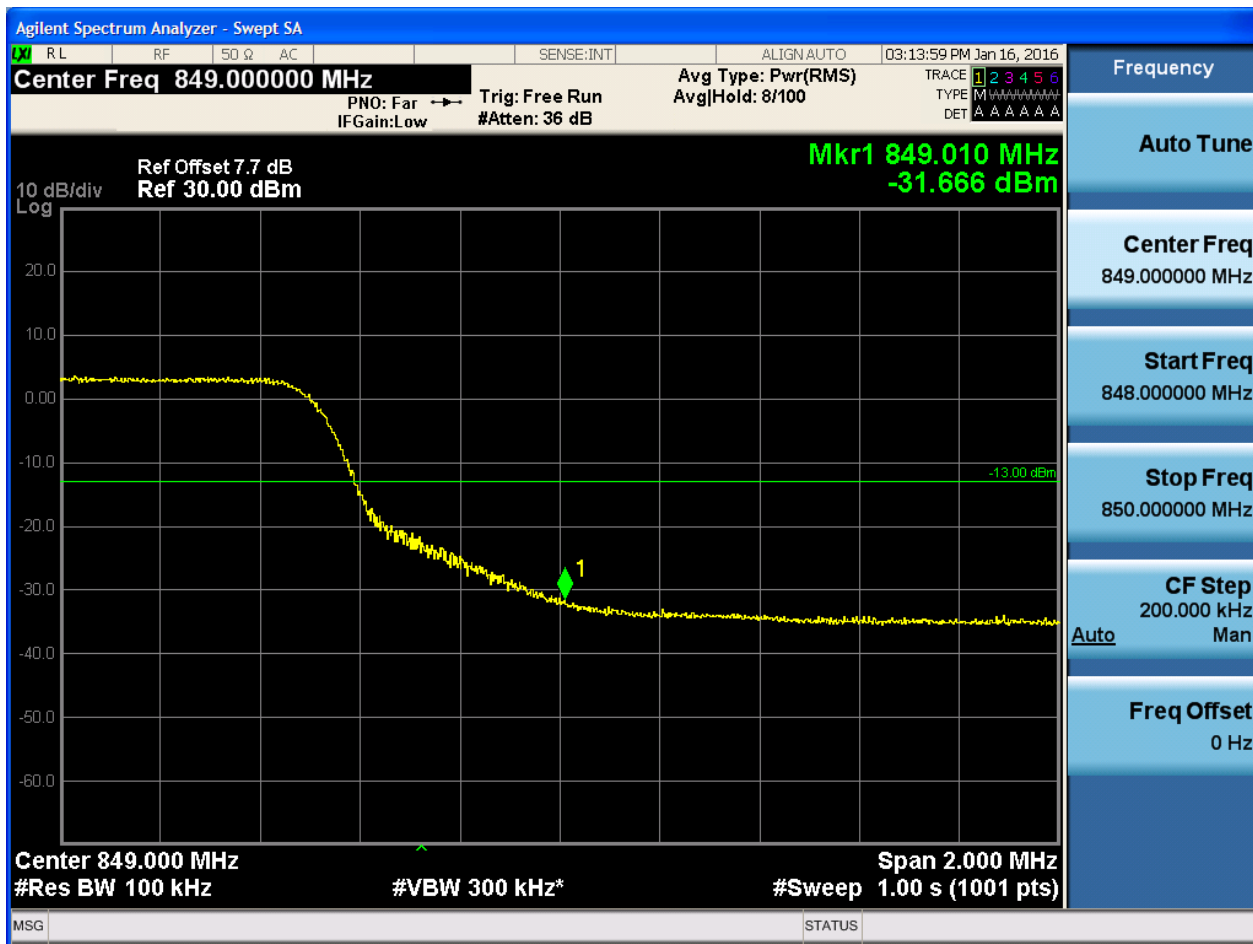


5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0



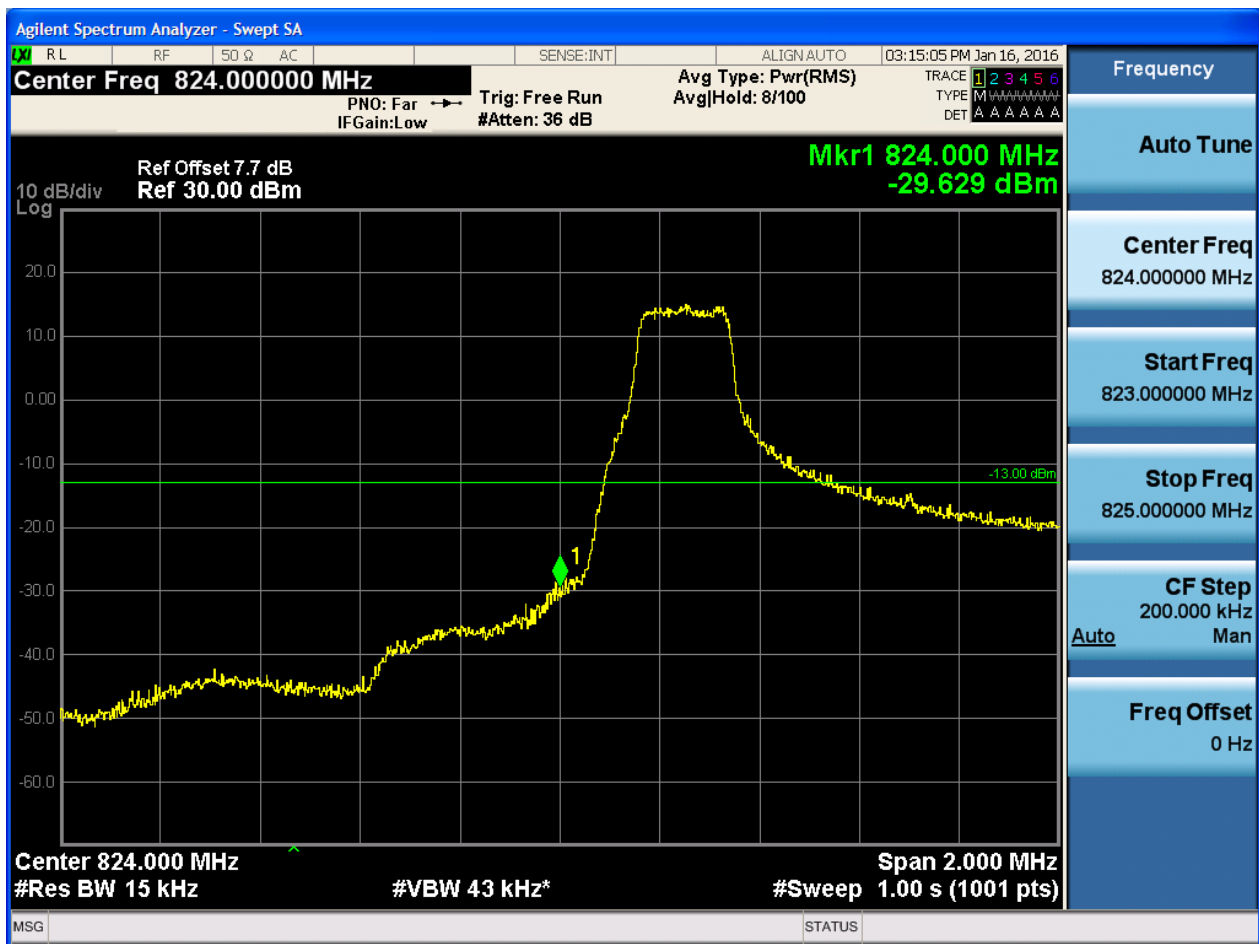


5.1.1.2 Test Mode = LTE/TM2

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



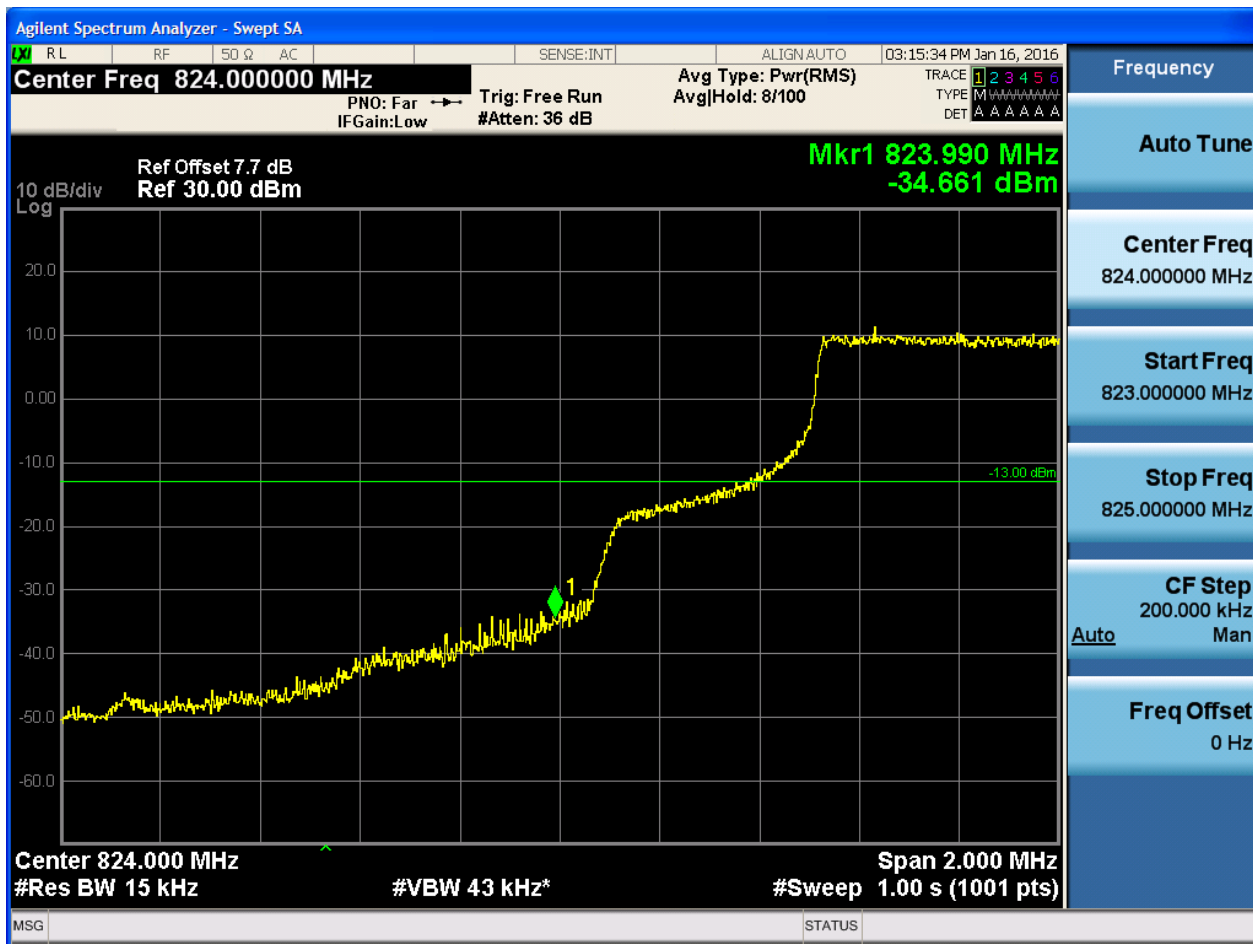


5.1.1.2.1.1.2 Test RB = RB1#5



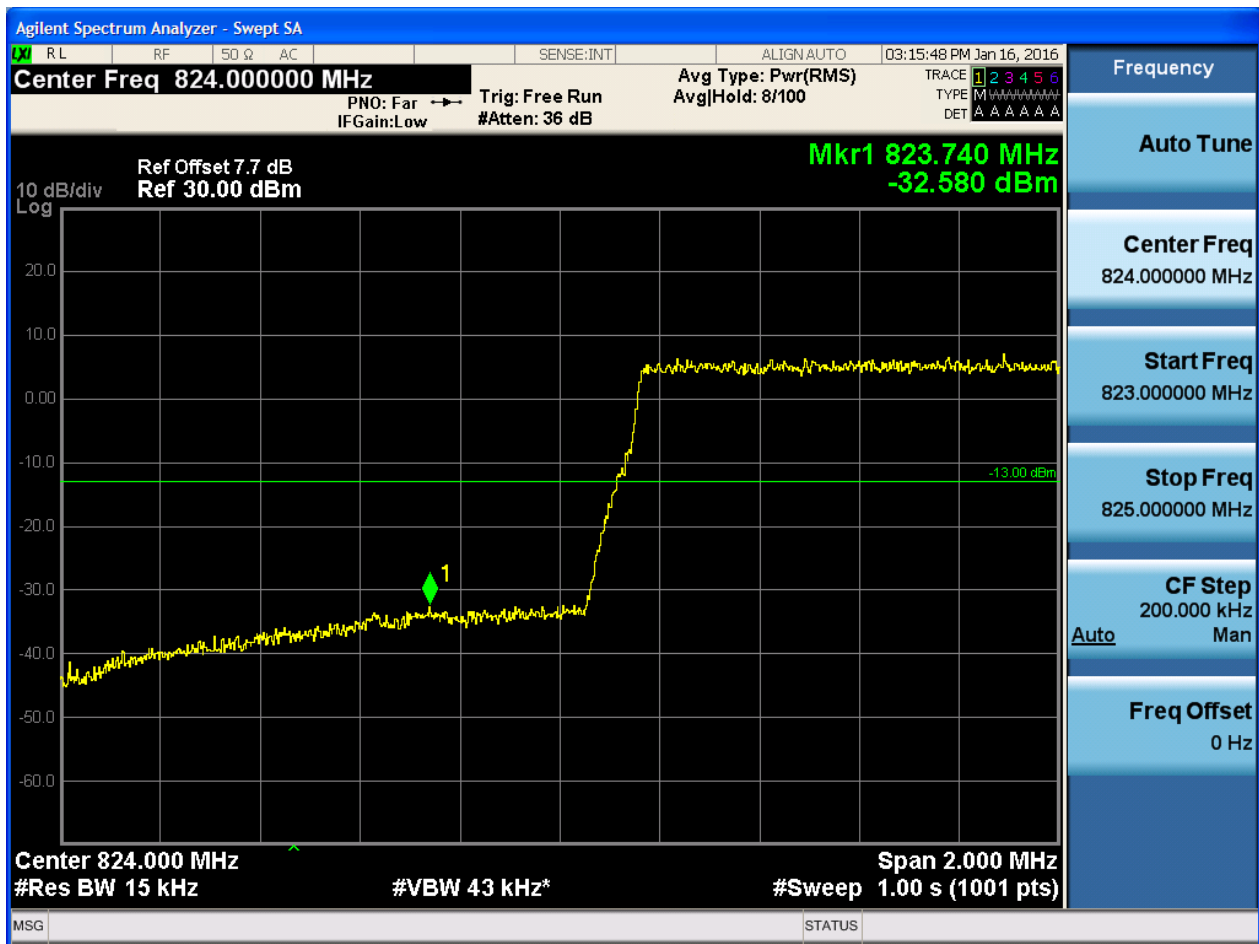


5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#0





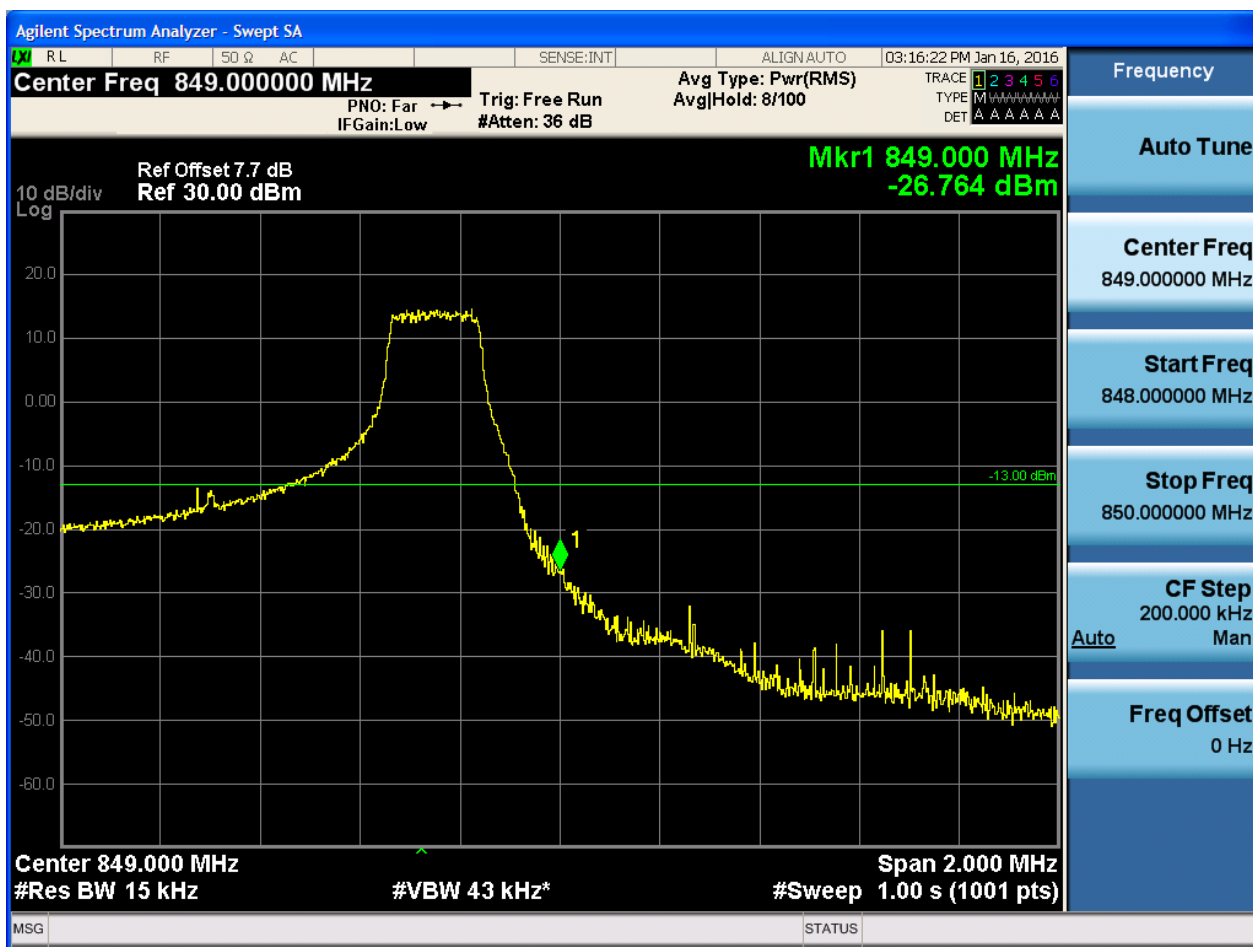
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

RL	RF	50 Ω	AC		SENSE:INT	ALIGN:AUTO	03:16:36 PM Jan 16, 2016
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Center Freq 849.000000 MHz Avg Type: Pwr(RMS) Trg: Free Run
 IF Gain: Low #Atten: 36 dB Avg|Hold: 8/100

Ref Offset 7.7 dB Mkr1 849.020 MHz
 Ref 30.00 dBm -28.471 dBm

10 dB/div Log

-13.00 dBm

Center 849.000 MHz Span 2.000 MHz
 #Res BW 15 kHz #VBW 43 kHz* #Sweep 1.00 s (1001 pts)



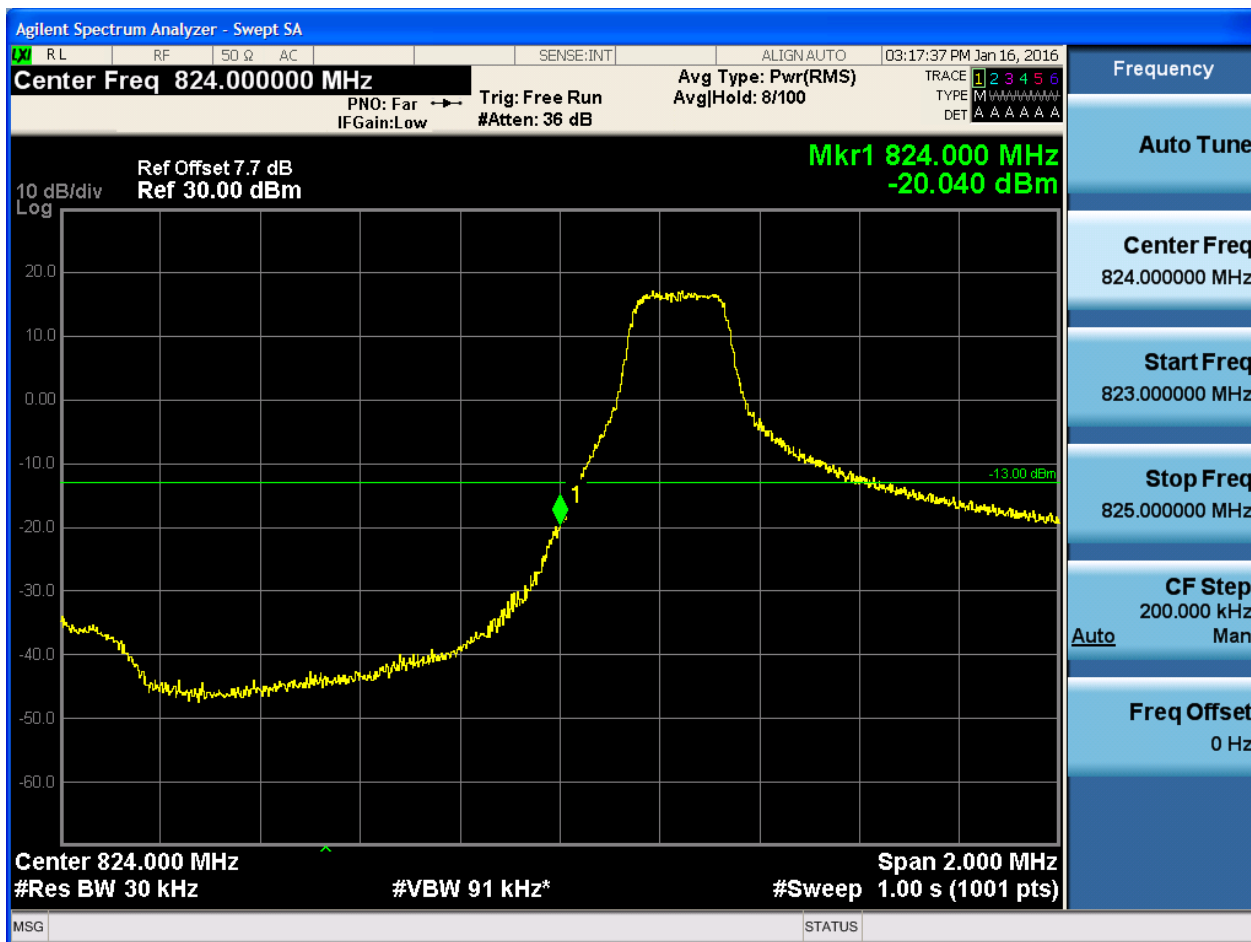
5.1.1.2.1.2.4 Test RB = RB6#0



5.1.1.2.2 Test Bandwidth = 3

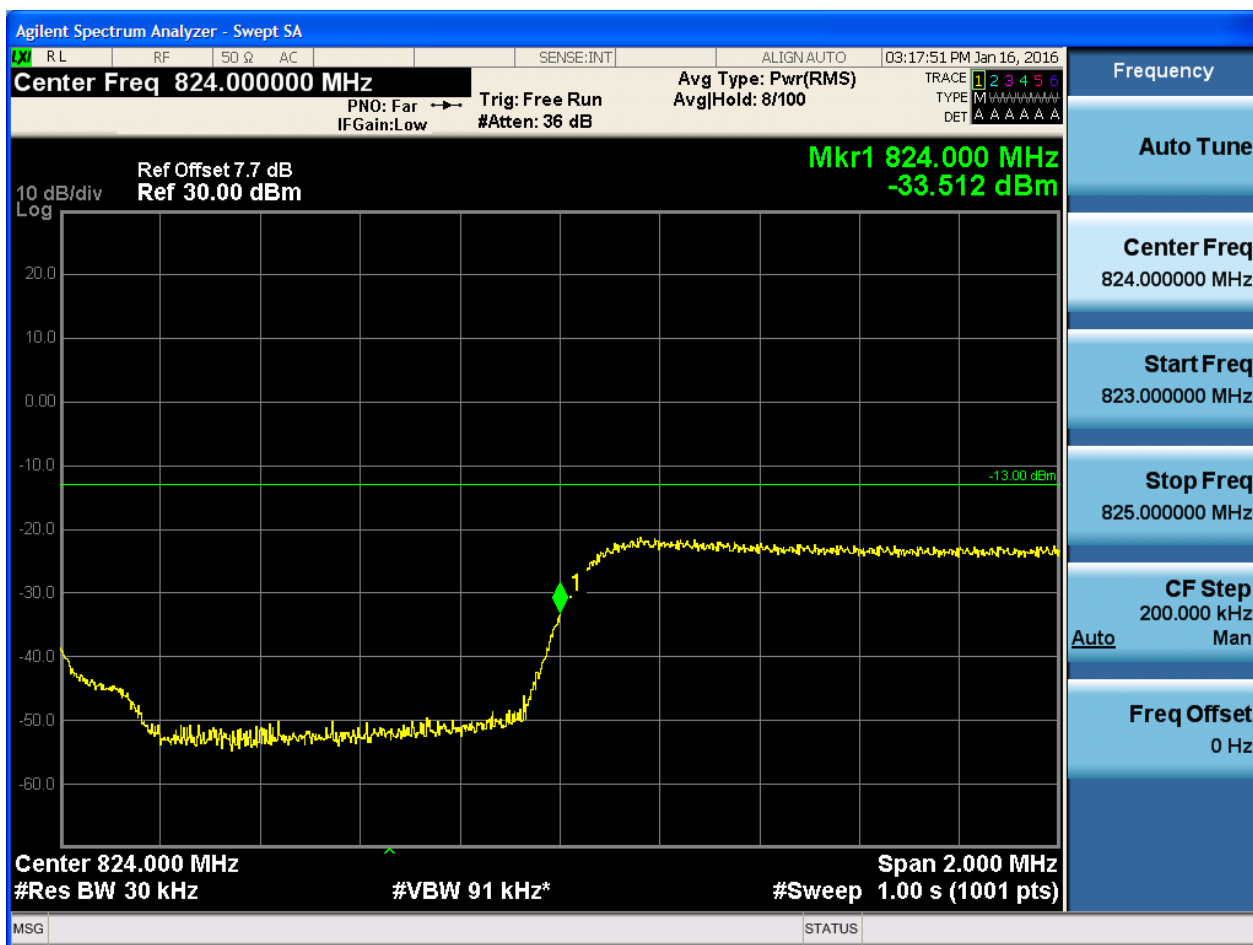
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



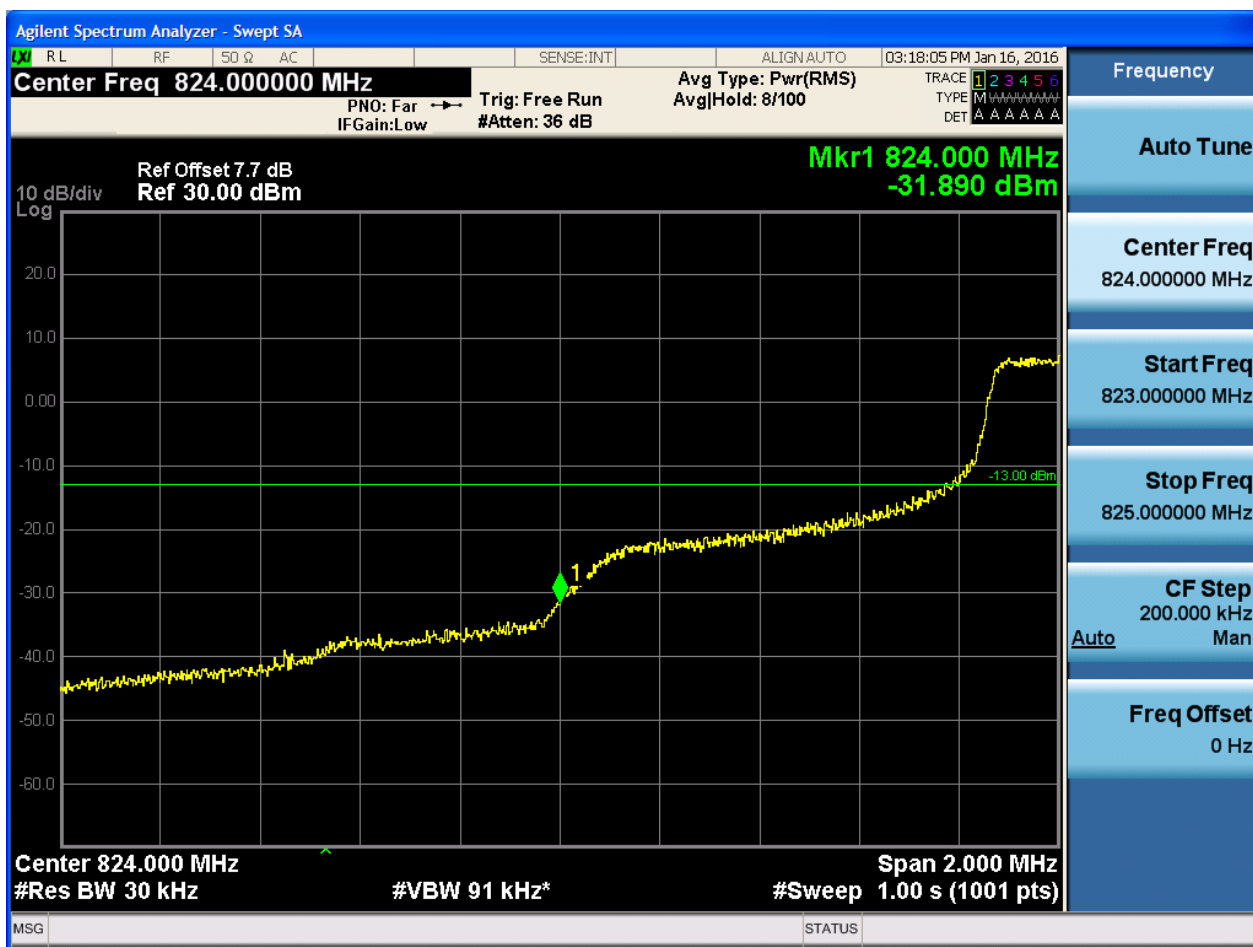


5.1.1.2.2.1.2 Test RB = RB1#14





5.1.1.2.2.1.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 824.000 MHz
-28.407 dBm

Center 824.000 MHz
#Res BW 30 kHz
#VBW 91 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

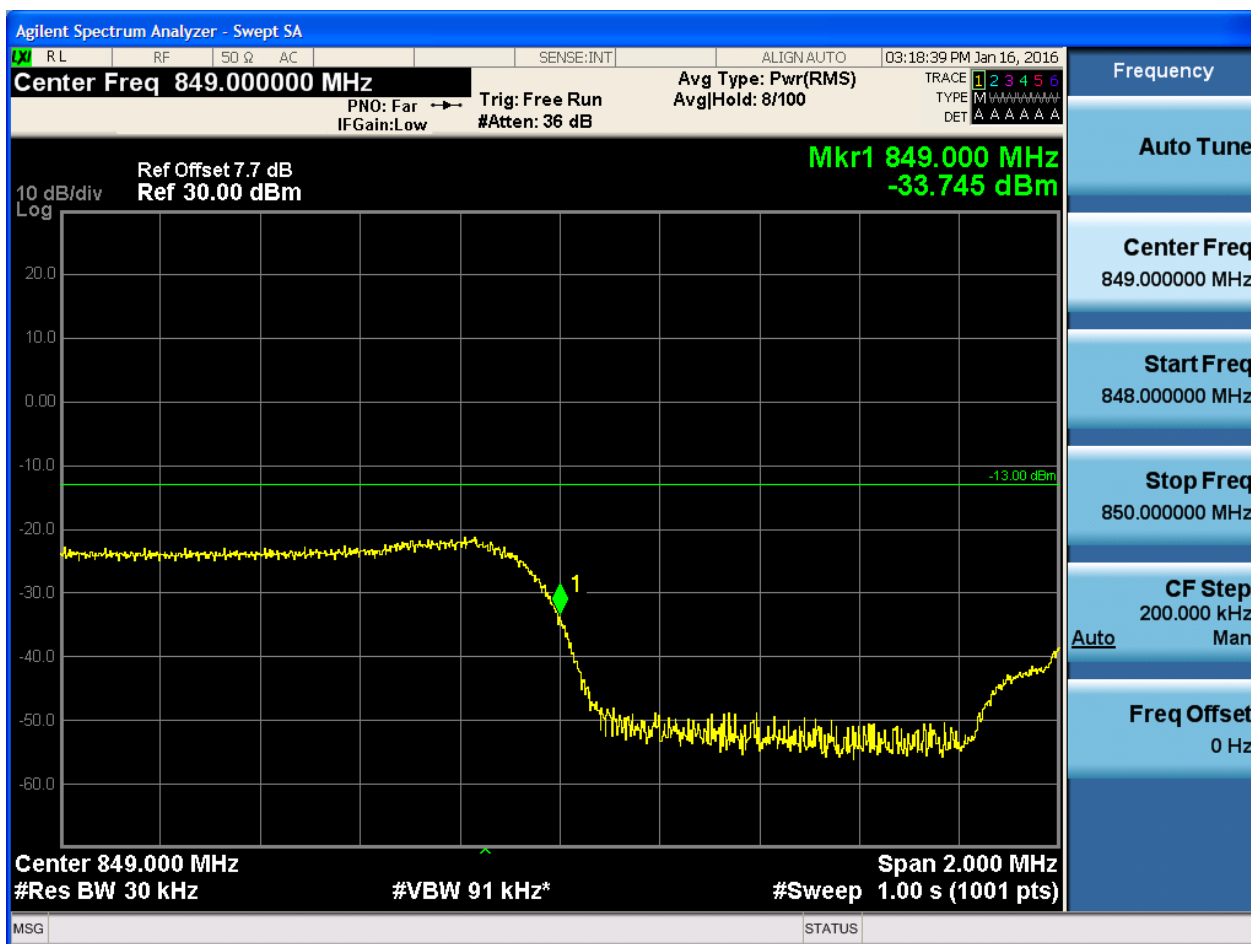
CF Step
200.000 kHz
Man

Freq Offset
0 Hz



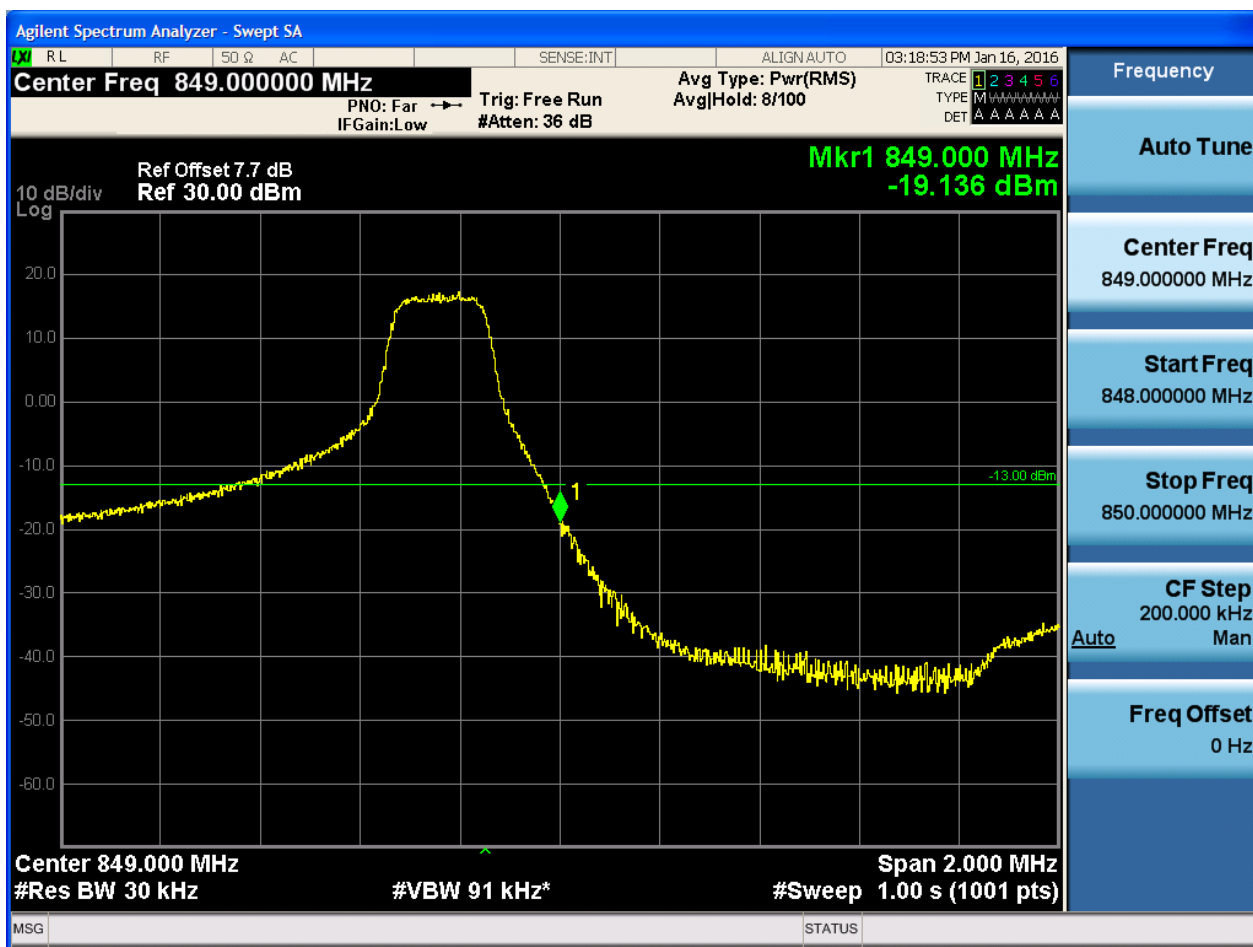
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14





5.1.1.2.2.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.000 MHz
-28.943 dBm

Center 849.000 MHz
#Res BW 30 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

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

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

