



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/TM1	1.4	LCH	RB1#0	22.59	17.73	38.5	PASS
				RB1#3	22.72	17.77	38.5	PASS
				RB1#5	22.63	17.87	38.5	PASS
				RB3#0	22.64	18.07	38.5	PASS
				RB3#2	22.68	17.75	38.5	PASS
				RB3#3	22.64	18.04	38.5	PASS
				RB6#0	21.5	16.84	38.5	PASS
			MCH	RB1#0	22.4	17.78	38.5	PASS
				RB1#3	22.48	17.77	38.5	PASS
				RB1#5	22.34	17.76	38.5	PASS
				RB3#0	22.44	17.73	38.5	PASS
				RB3#2	22.46	17.85	38.5	PASS
				RB3#3	22.41	17.57	38.5	PASS
				RB6#0	21.33	16.47	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.3	17.38	38.5	PASS
				RB1#3	22.49	17.79	38.5	PASS
				RB1#5	22.44	17.61	38.5	PASS
				RB3#0	22.44	17.87	38.5	PASS
				RB3#2	22.57	17.97	38.5	PASS
				RB3#3	22.52	17.59	38.5	PASS
				RB6#0	21.66	16.89	38.5	PASS
		3	LCH	RB1#0	22.44	17.73	38.5	PASS
				RB1#7	22.79	18.16	38.5	PASS
				RB1#14	22.47	17.59	38.5	PASS
				RB8#0	21.49	16.91	38.5	PASS
				RB8#4	21.62	16.95	38.5	PASS
				RB8#7	21.58	16.94	38.5	PASS
				RB15#0	21.54	16.90	38.5	PASS
			MCH	RB1#0	22.43	17.58	38.5	PASS
				RB1#7	22.58	18.02	38.5	PASS
				RB1#14	22.3	17.36	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.48	16.86	38.5	PASS
				RB8#4	21.41	16.74	38.5	PASS
				RB8#7	21.26	16.52	38.5	PASS
				RB15#0	21.36	16.67	38.5	PASS
			HCH	RB1#0	22.26	17.35	38.5	PASS
				RB1#7	22.47	17.63	38.5	PASS
				RB1#14	22.49	17.86	38.5	PASS
				RB8#0	21.39	16.81	38.5	PASS
				RB8#4	21.51	16.64	38.5	PASS
				RB8#7	21.57	16.70	38.5	PASS
				RB15#0	21.43	16.87	38.5	PASS
		5	LCH	RB1#0	22.36	17.77	38.5	PASS
				RB1#13	22.62	17.69	38.5	PASS
				RB1#24	22.36	17.78	38.5	PASS
				RB12#0	21.48	16.77	38.5	PASS
				RB12#6	21.55	16.98	38.5	PASS
				RB12#13	21.47	16.59	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.47	16.52	38.5	PASS
			MCH	RB1#0	22.3	17.61	38.5	PASS
				RB1#13	22.43	17.79	38.5	PASS
				RB1#24	22.32	17.64	38.5	PASS
				RB12#0	21.46	16.64	38.5	PASS
				RB12#6	21.39	16.83	38.5	PASS
				RB12#13	21.26	16.43	38.5	PASS
				RB25#0	21.29	16.69	38.5	PASS
			HCH	RB1#0	22.39	17.73	38.5	PASS
				RB1#13	22.36	17.72	38.5	PASS
				RB1#24	22.39	17.47	38.5	PASS
				RB12#0	21.46	16.82	38.5	PASS
				RB12#6	21.41	16.81	38.5	PASS
				RB12#13	21.4	16.81	38.5	PASS
				RB25#0	21.24	16.37	38.5	PASS
		10	LCH	RB1#0	22.21	17.50	38.5	PASS
				RB1#25	22.7	17.91	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.21	17.30	38.5	PASS
				RB25#0	21.53	16.83	38.5	PASS
				RB25#13	21.56	16.96	38.5	PASS
				RB25#25	21.44	16.82	38.5	PASS
				RB50#0	21.5	16.85	38.5	PASS
			MCH	RB1#0	22.2	17.27	38.5	PASS
				RB1#25	22.42	17.83	38.5	PASS
				RB1#49	22.36	17.68	38.5	PASS
				RB25#0	21.31	16.53	38.5	PASS
				RB25#13	21.29	16.72	38.5	PASS
				RB25#25	21.29	16.67	38.5	PASS
				RB50#0	21.27	16.48	38.5	PASS
			HCH	RB1#0	22.29	17.70	38.5	PASS
				RB1#25	22.65	18.00	38.5	PASS
				RB1#49	22.21	17.45	38.5	PASS
				RB25#0	21.41	16.67	38.5	PASS
				RB25#13	21.44	16.49	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.26	16.60	38.5	PASS
				RB50#0	21.38	16.46	38.5	PASS
		15	LCH	RB1#0	21.46	16.88	38.5	PASS
				RB1#38	22	17.40	38.5	PASS
				RB1#74	21.29	16.44	38.5	PASS
				RB38#0	21.37	16.51	38.5	PASS
				RB38#19	21.37	16.67	38.5	PASS
				RB38#39	21.13	16.43	38.5	PASS
				RB75#0	21.24	16.68	38.5	PASS
			MCH	RB1#0	21.65	17.07	38.5	PASS
				RB1#38	21.9	17.06	38.5	PASS
				RB1#74	21.67	16.90	38.5	PASS
				RB38#0	21.29	16.51	38.5	PASS
				RB38#19	21.37	16.78	38.5	PASS
				RB38#39	21.25	16.38	38.5	PASS
				RB75#0	21.31	16.54	38.5	PASS
			HCH	RB1#0	21.46	16.74	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.15	17.46	38.5	PASS
				RB1#74	21.58	16.89	38.5	PASS
				RB38#0	21.09	16.46	38.5	PASS
				RB38#19	21.37	16.68	38.5	PASS
				RB38#39	21.34	16.75	38.5	PASS
				RB75#0	21.17	16.55	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.57	16.72	38.5	PASS
				RB1#3	21.69	16.96	38.5	PASS
				RB1#5	21.66	17.11	38.5	PASS
				RB3#0	21.64	16.92	38.5	PASS
				RB3#2	21.68	16.78	38.5	PASS
				RB3#3	21.63	16.91	38.5	PASS
				RB6#0	21.53	16.73	38.5	PASS
			MCH	RB1#0	21.41	16.79	38.5	PASS
				RB1#3	21.5	16.60	38.5	PASS
				RB1#5	21.35	16.59	38.5	PASS
				RB3#0	21.48	16.71	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB3#2	21.47	16.69	38.5	PASS
				RB3#3	21.4	16.51	38.5	PASS
				RB6#0	21.29	16.45	38.5	PASS
			HCH	RB1#0	21.51	16.70	38.5	PASS
				RB1#3	21.69	17.01	38.5	PASS
				RB1#5	21.61	16.95	38.5	PASS
				RB3#0	21.46	16.59	38.5	PASS
				RB3#2	21.6	16.83	38.5	PASS
				RB3#3	21.56	16.61	38.5	PASS
				RB6#0	21.5	16.94	38.5	PASS
		3	LCH	RB1#0	21.63	16.87	38.5	PASS
				RB1#7	22.04	17.45	38.5	PASS
				RB1#14	21.74	16.96	38.5	PASS
				RB8#0	21.45	16.67	38.5	PASS
				RB8#4	21.58	16.81	38.5	PASS
				RB8#7	21.53	16.85	38.5	PASS
				RB15#0	21.51	16.94	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.45	16.68	38.5	PASS
				RB1#7	21.55	16.71	38.5	PASS
				RB1#14	21.23	16.35	38.5	PASS
				RB8#0	21.39	16.51	38.5	PASS
				RB8#4	21.33	16.59	38.5	PASS
				RB8#7	21.19	16.60	38.5	PASS
				RB15#0	21.24	16.68	38.5	PASS
			HCH	RB1#0	21.23	16.34	38.5	PASS
				RB1#7	21.42	16.70	38.5	PASS
				RB1#14	21.44	16.81	38.5	PASS
				RB8#0	21.28	16.64	38.5	PASS
				RB8#4	21.32	16.53	38.5	PASS
				RB8#7	21.38	16.62	38.5	PASS
				RB15#0	21.22	16.58	38.5	PASS
		5	LCH	RB1#0	21.54	16.96	38.5	PASS
				RB1#13	21.88	16.96	38.5	PASS
				RB1#24	21.59	17.01	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#0	21.47	16.64	38.5	PASS
				RB12#6	21.54	16.83	38.5	PASS
				RB12#13	21.4	16.70	38.5	PASS
				RB25#0	21.39	16.70	38.5	PASS
			MCH	RB1#0	21.37	16.43	38.5	PASS
				RB1#13	21.53	16.93	38.5	PASS
				RB1#24	21.51	16.68	38.5	PASS
				RB12#0	21.39	16.51	38.5	PASS
				RB12#6	21.32	16.57	38.5	PASS
				RB12#13	21.2	16.65	38.5	PASS
				RB25#0	21.21	16.33	38.5	PASS
			HCH	RB1#0	21.55	16.65	38.5	PASS
				RB1#13	21.54	16.85	38.5	PASS
				RB1#24	21.53	16.90	38.5	PASS
				RB12#0	21.3	16.64	38.5	PASS
				RB12#6	21.25	16.67	38.5	PASS
				RB12#13	21.29	16.52	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.09	16.46	38.5	PASS
		10	LCH	RB1#0	21.37	16.55	38.5	PASS
				RB1#25	21.84	17.23	38.5	PASS
				RB1#49	21.3	16.42	38.5	PASS
				RB25#0	21.44	16.75	38.5	PASS
				RB25#13	21.46	16.88	38.5	PASS
				RB25#25	21.35	16.59	38.5	PASS
				RB50#0	21.37	16.43	38.5	PASS
			MCH	RB1#0	21.19	16.54	38.5	PASS
				RB1#25	21.38	16.74	38.5	PASS
				RB1#49	21.37	16.80	38.5	PASS
				RB25#0	21.24	16.54	38.5	PASS
				RB25#13	21.23	16.63	38.5	PASS
				RB25#25	21.24	16.30	38.5	PASS
				RB50#0	21.17	16.35	38.5	PASS
			HCH	RB1#0	21.38	16.45	38.5	PASS
				RB1#25	21.73	17.18	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.32	16.77	38.5	PASS
				RB25#0	21.29	16.55	38.5	PASS
				RB25#13	21.32	16.54	38.5	PASS
				RB25#25	21.13	16.48	38.5	PASS
				RB50#0	21.21	16.28	38.5	PASS
		15	LCH	RB1#0	21.17	16.44	38.5	PASS
				RB1#38	21.59	17.02	38.5	PASS
				RB1#74	20.87	16.18	38.5	PASS
				RB38#0	21.24	16.60	38.5	PASS
				RB38#19	21.28	16.38	38.5	PASS
				RB38#39	21.04	16.14	38.5	PASS
				RB75#0	21.12	16.49	38.5	PASS
			MCH	RB1#0	21.12	16.30	38.5	PASS
				RB1#38	21.37	16.57	38.5	PASS
				RB1#74	21.15	16.40	38.5	PASS
				RB38#0	21.14	16.34	38.5	PASS
				RB38#19	21.28	16.63	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB38#39	21.15	16.53	38.5	PASS
				RB75#0	21.14	16.26	38.5	PASS
			HCH	RB1#0	21.06	16.29	38.5	PASS
				RB1#38	21.74	16.85	38.5	PASS
				RB1#74	21.09	16.34	38.5	PASS
				RB38#0	21.02	16.30	38.5	PASS
				RB38#19	21.23	16.32	38.5	PASS
				RB38#39	21.19	16.31	38.5	PASS
				RB75#0	20.98	16.23	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:

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

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

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

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
BAND26	LTE/TM1	1.4	LCH	RB1#0	5	13	PASS
				RB1#3	4.97	13	PASS
				RB1#5	5	13	PASS
				RB3#0	5.67	13	PASS
				RB3#2	5.75	13	PASS
				RB3#3	5.63	13	PASS
				RB6#0	5.91	13	PASS
			MCH	RB1#0	5.28	13	PASS
				RB1#3	5.25	13	PASS
				RB1#5	5.3	13	PASS
				RB3#0	5.32	13	PASS
				RB3#2	5.31	13	PASS
				RB3#3	5.35	13	PASS
				RB6#0	5.99	13	PASS
			HCH	RB1#0	4.2	13	PASS
				RB1#3	3.93	13	PASS
				RB1#5	3.95	13	PASS
				RB3#0	4.38	13	PASS
				RB3#2	4.12	13	PASS
				RB3#3	4.26	13	PASS
				RB6#0	5.49	13	PASS
		3	LCH	RB1#0	5.22	13	PASS
				RB1#7	5.06	13	PASS
				RB1#14	5.2	13	PASS
				RB8#0	5.88	13	PASS
				RB8#4	5.89	13	PASS
				RB8#7	5.89	13	PASS
				RB15#0	5.99	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#7	4.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.72	13	PASS
				RB8#0	5.6	13	PASS
				RB8#4	5.61	13	PASS
				RB8#7	5.68	13	PASS
				RB15#0	5.53	13	PASS
			HCH	RB1#0	4.43	13	PASS
				RB1#7	4.04	13	PASS
				RB1#14	4.05	13	PASS
				RB8#0	5.29	13	PASS
				RB8#4	5.08	13	PASS
				RB8#7	5.12	13	PASS
				RB15#0	5.53	13	PASS
		5	LCH	RB1#0	5.38	13	PASS
				RB1#13	5.28	13	PASS
				RB1#24	5.31	13	PASS
				RB12#0	5.82	13	PASS
				RB12#6	5.72	13	PASS
				RB12#13	5.81	13	PASS
				RB25#0	6.08	13	PASS
			MCH	RB1#0	5.12	13	PASS
				RB1#13	5.06	13	PASS
				RB1#24	5.17	13	PASS
				RB12#0	5.7	13	PASS
				RB12#6	5.64	13	PASS
				RB12#13	5.8	13	PASS
				RB25#0	6.27	13	PASS
			HCH	RB1#0	4.96	13	PASS
				RB1#13	4.36	13	PASS
				RB1#24	4.02	13	PASS
				RB12#0	5.57	13	PASS
				RB12#6	5.36	13	PASS
				RB12#13	5.32	13	PASS
				RB25#0	5.59	13	PASS
		10	LCH	RB1#0	5.3	13	PASS
				RB1#25	5	13	PASS
				RB1#49	4.92	13	PASS
				RB25#0	6.42	13	PASS
				RB25#13	6.19	13	PASS
				RB25#25	6.41	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB50#0	5.98	13	PASS
				RB1#0	5.31	13	PASS
				RB1#25	5.06	13	PASS
				RB1#49	5.31	13	PASS
				RB25#0	6.26	13	PASS
				RB25#13	6.13	13	PASS
				RB25#25	6.26	13	PASS
				RB50#0	6.19	13	PASS
			HCH	RB1#0	5.34	13	PASS
				RB1#25	4.91	13	PASS
				RB1#49	4.19	13	PASS
				RB25#0	6.08	13	PASS
				RB25#13	5.83	13	PASS
				RB25#25	5.77	13	PASS
				RB50#0	5.96	13	PASS
		15	LCH	RB1#0	5.15	13	PASS
				RB1#38	4.55	13	PASS
				RB1#74	4.8	13	PASS
				RB38#0	5.97	13	PASS
				RB38#19	5.96	13	PASS
				RB38#39	6.03	13	PASS
				RB75#0	6.49	13	PASS
			MCH	RB1#0	5.1	13	PASS
				RB1#38	4.97	13	PASS
				RB1#74	5.12	13	PASS
				RB38#0	6.28	13	PASS
				RB38#19	6.21	13	PASS
				RB38#39	6.22	13	PASS
				RB75#0	6.46	13	PASS
			HCH	RB1#0	4.8	13	PASS
				RB1#38	4.62	13	PASS
				RB1#74	4.49	13	PASS
				RB38#0	6.37	13	PASS
				RB38#19	6.01	13	PASS
				RB38#39	6.07	13	PASS
				RB75#0	6.16	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.81	13	PASS
				RB1#3	5.79	13	PASS
				RB1#5	5.8	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB3#0	6.44	13	PASS
				RB3#2	6.36	13	PASS
				RB3#3	6.52	13	PASS
				RB6#0	6.58	13	PASS
			MCH	RB1#0	5.87	13	PASS
				RB1#3	5.86	13	PASS
				RB1#5	5.89	13	PASS
				RB3#0	6.29	13	PASS
				RB3#2	6.25	13	PASS
				RB3#3	6.31	13	PASS
				RB6#0	6.15	13	PASS
			HCH	RB1#0	4.9	13	PASS
				RB1#3	4.64	13	PASS
				RB1#5	4.65	13	PASS
				RB3#0	5.32	13	PASS
				RB3#2	5.02	13	PASS
				RB3#3	5.2	13	PASS
				RB6#0	5.52	13	PASS
		3	LCH	RB1#0	6.27	13	PASS
				RB1#7	6.07	13	PASS
				RB1#14	6.2	13	PASS
				RB8#0	6.52	13	PASS
				RB8#4	6.37	13	PASS
				RB8#7	6.5	13	PASS
				RB15#0	6.64	13	PASS
			MCH	RB1#0	6.25	13	PASS
				RB1#7	6.11	13	PASS
				RB1#14	6.36	13	PASS
				RB8#0	5.97	13	PASS
				RB8#4	5.91	13	PASS
				RB8#7	6.02	13	PASS
				RB15#0	6.46	13	PASS
			HCH	RB1#0	5.57	13	PASS
				RB1#7	5.07	13	PASS
				RB1#14	4.96	13	PASS
				RB8#0	5.65	13	PASS
				RB8#4	5.35	13	PASS
				RB8#7	5.33	13	PASS
				RB15#0	5.87	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	LCH	RB1#0	6.35	13	PASS
				RB1#13	6.15	13	PASS
				RB1#24	6.22	13	PASS
				RB12#0	6.78	13	PASS
				RB12#6	6.67	13	PASS
				RB12#13	6.73	13	PASS
				RB25#0	6.78	13	PASS
			MCH	RB1#0	6.15	13	PASS
				RB1#13	6.06	13	PASS
				RB1#24	6.23	13	PASS
				RB12#0	6.54	13	PASS
				RB12#6	6.5	13	PASS
				RB12#13	6.69	13	PASS
				RB25#0	7.05	13	PASS
			HCH	RB1#0	5.86	13	PASS
				RB1#13	5.16	13	PASS
				RB1#24	4.74	13	PASS
				RB12#0	5.98	13	PASS
				RB12#6	5.54	13	PASS
				RB12#13	5.46	13	PASS
				RB25#0	6.18	13	PASS
		10	LCH	RB1#0	6.79	13	PASS
				RB1#25	6.43	13	PASS
				RB1#49	6.41	13	PASS
				RB25#0	6.72	13	PASS
				RB25#13	6.51	13	PASS
				RB25#25	6.64	13	PASS
				RB50#0	6.92	13	PASS
			MCH	RB1#0	6.17	13	PASS
				RB1#25	5.97	13	PASS
				RB1#49	6.07	13	PASS
				RB25#0	6.64	13	PASS
				RB25#13	6.58	13	PASS
				RB25#25	6.65	13	PASS
				RB50#0	6.96	13	PASS
			HCH	RB1#0	5.95	13	PASS
				RB1#25	5.58	13	PASS
				RB1#49	4.86	13	PASS
				RB25#0	6.52	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	6.25	13	PASS
				RB25#25	5.99	13	PASS
				RB50#0	6.61	13	PASS
		15	LCH	RB1#0	6.51	13	PASS
				RB1#38	5.83	13	PASS
				RB1#74	6.06	13	PASS
				RB38#0	6.81	13	PASS
				RB38#19	6.75	13	PASS
				RB38#39	6.75	13	PASS
				RB75#0	7.18	13	PASS
			MCH	RB1#0	6.59	13	PASS
				RB1#38	6.17	13	PASS
				RB1#74	6.32	13	PASS
				RB38#0	6.78	13	PASS
				RB38#19	6.6	13	PASS
				RB38#39	6.75	13	PASS
				RB75#0	7.16	13	PASS
			HCH	RB1#0	5.72	13	PASS
				RB1#38	5.49	13	PASS
				RB1#74	5.08	13	PASS
				RB38#0	6.77	13	PASS
				RB38#19	6.65	13	PASS
				RB38#39	6.31	13	PASS
				RB75#0	6.86	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

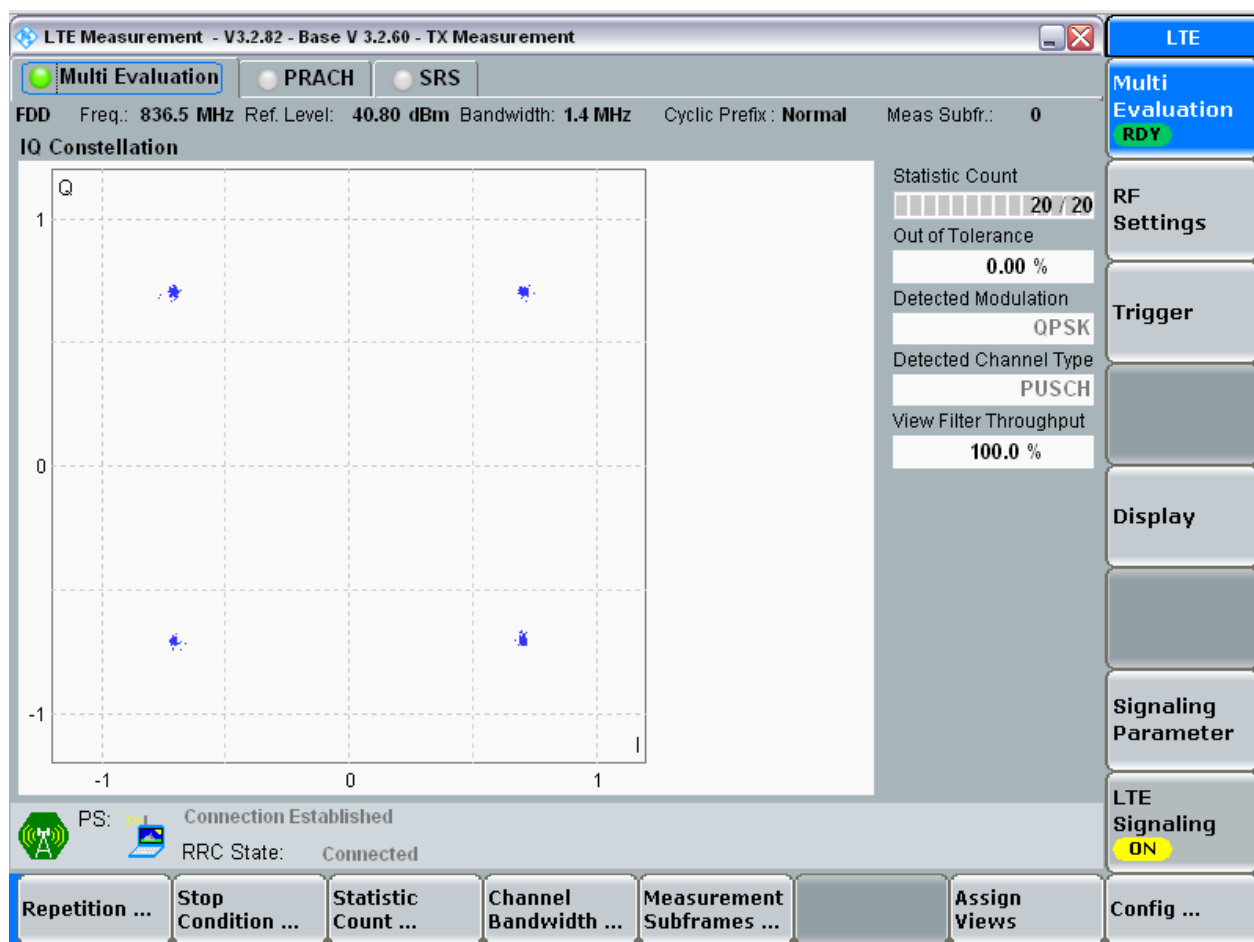
3.1.1 Test Band = BAND26

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

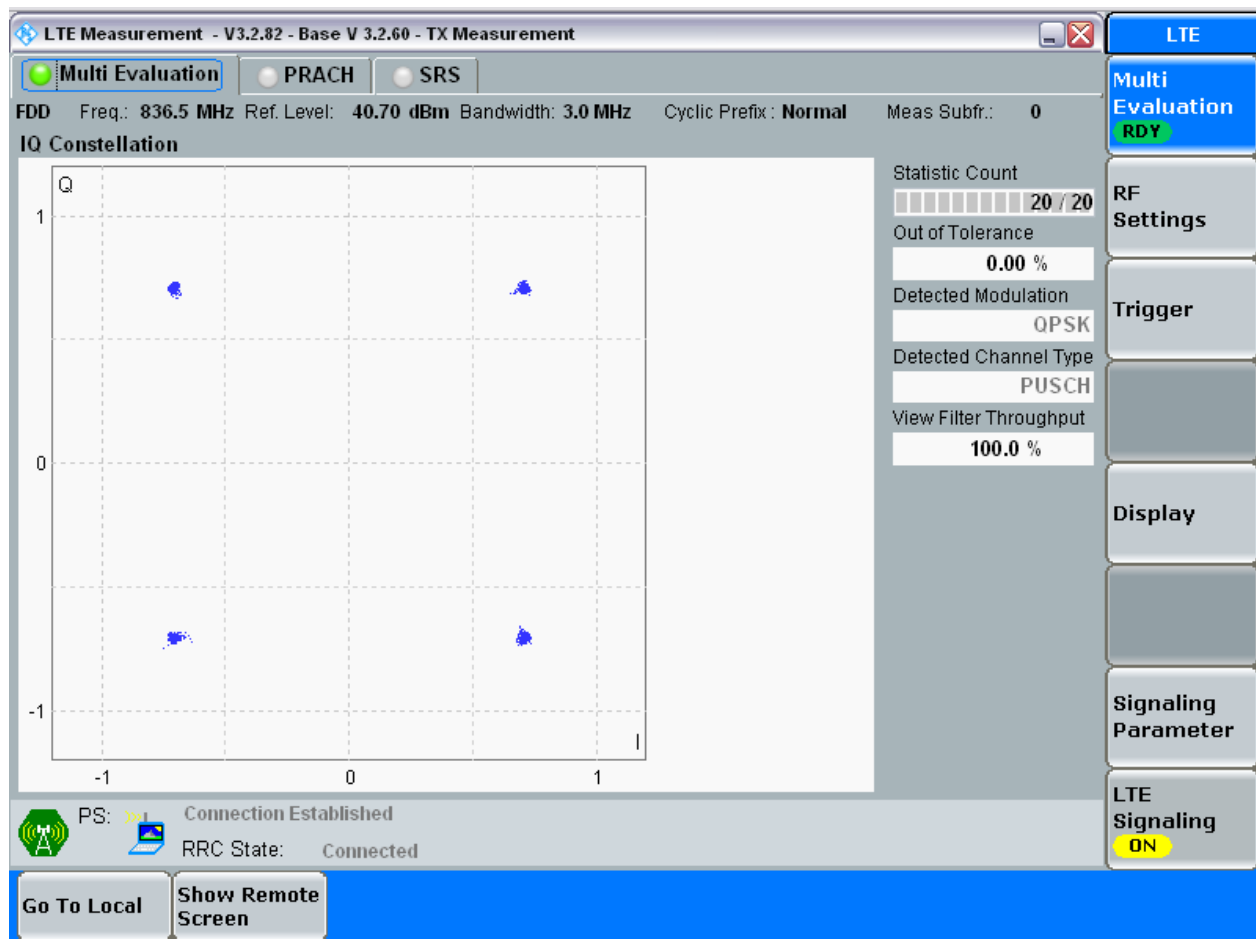
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

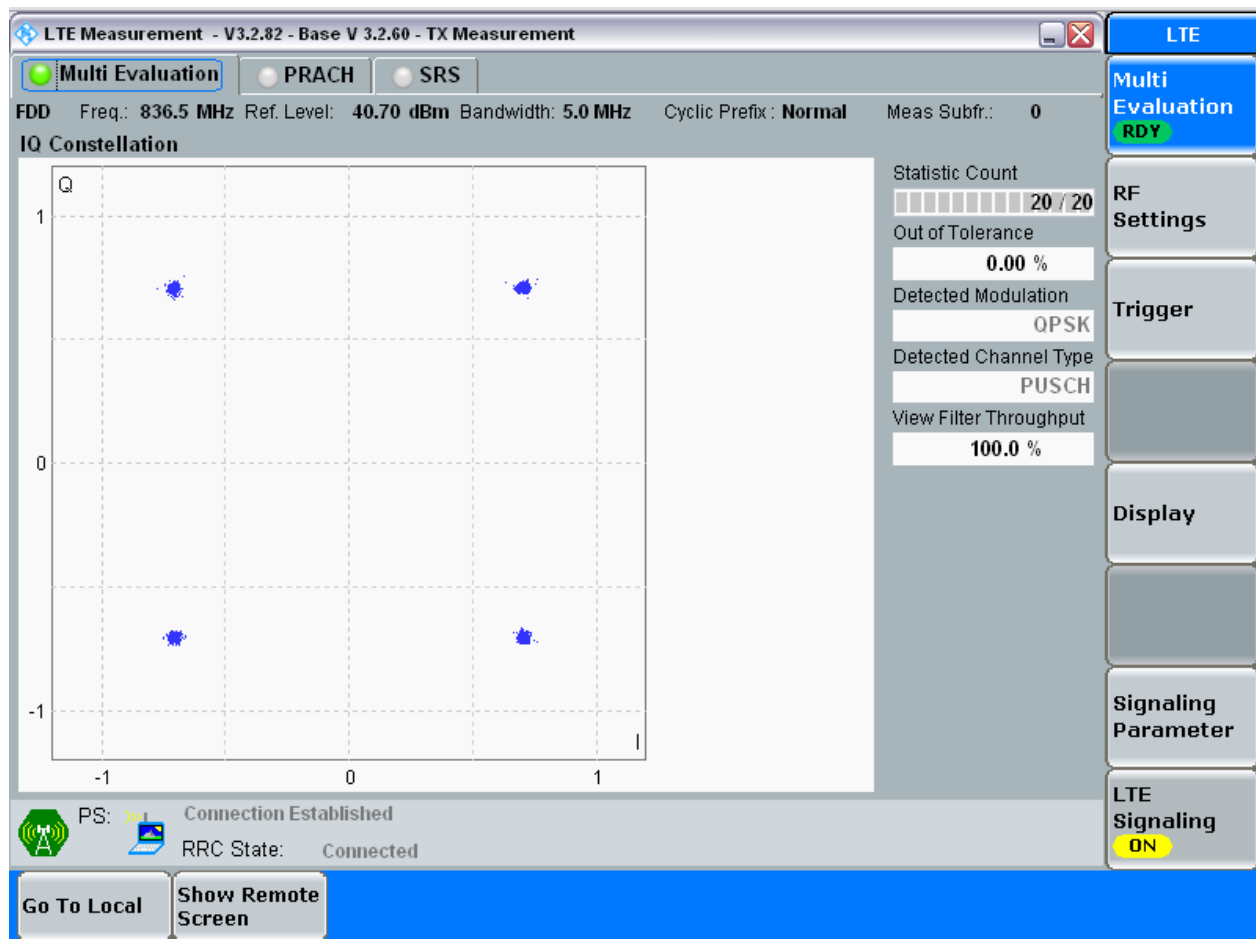
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

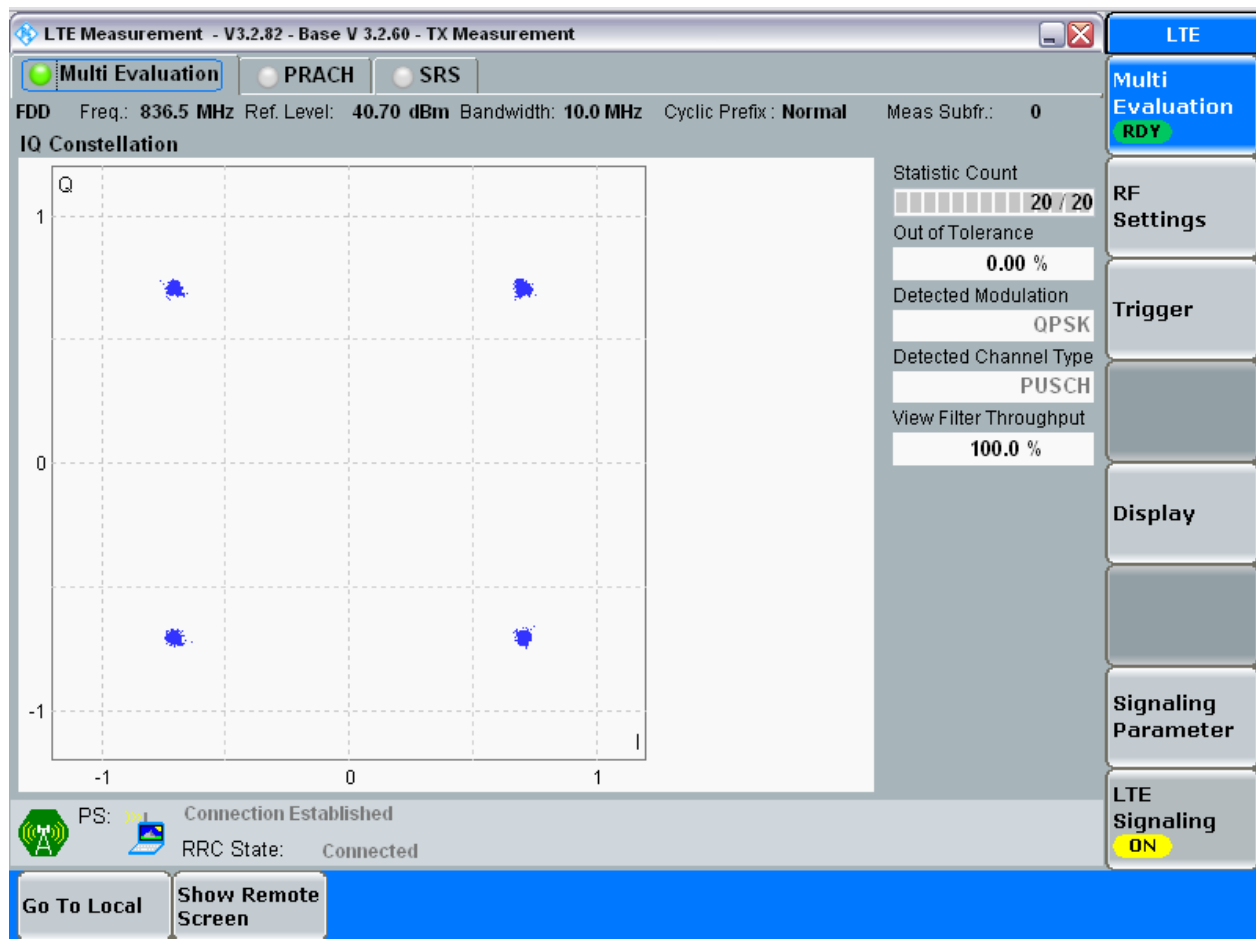
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

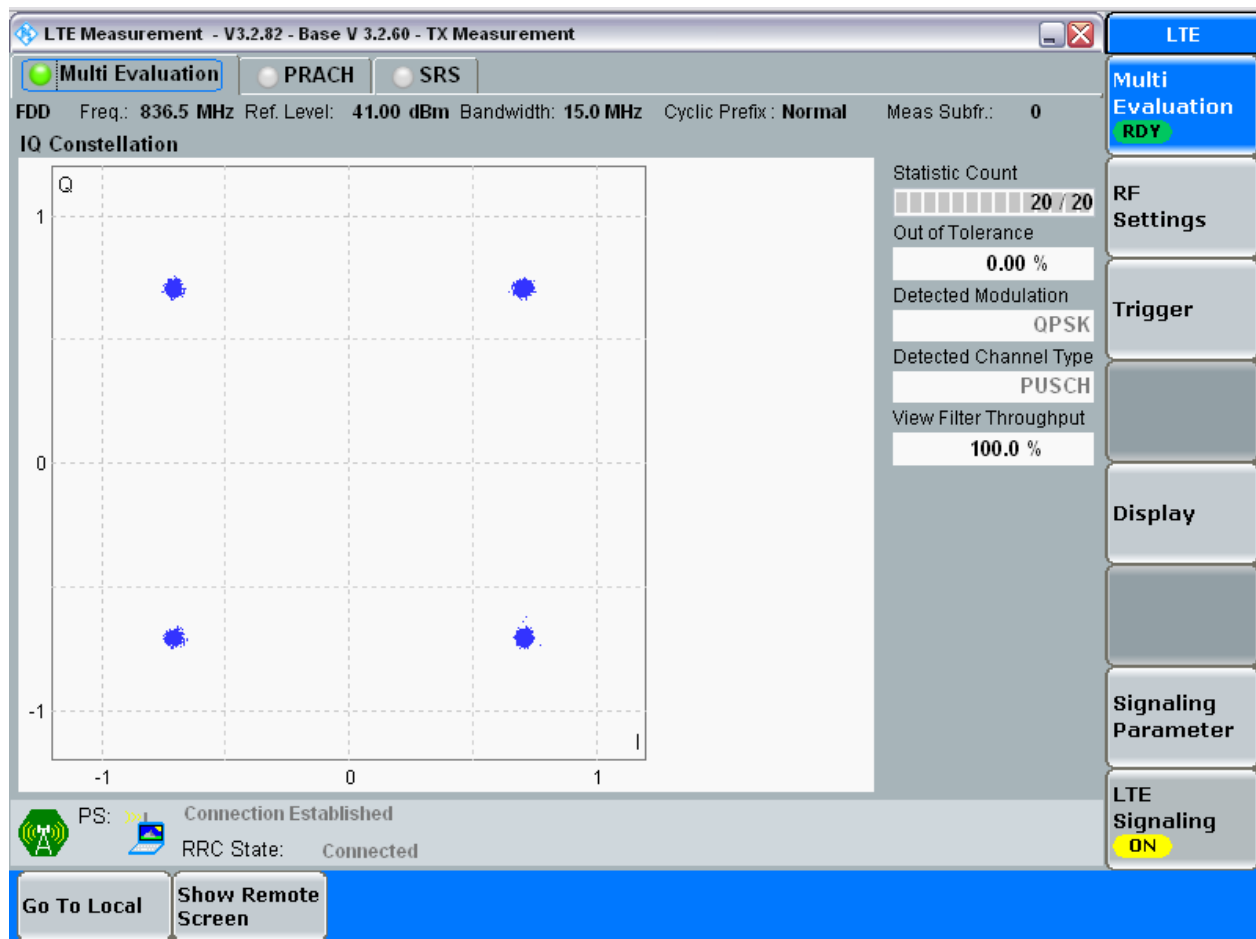
3.1.1.1.4.1.1 Test RB = RB50#0



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

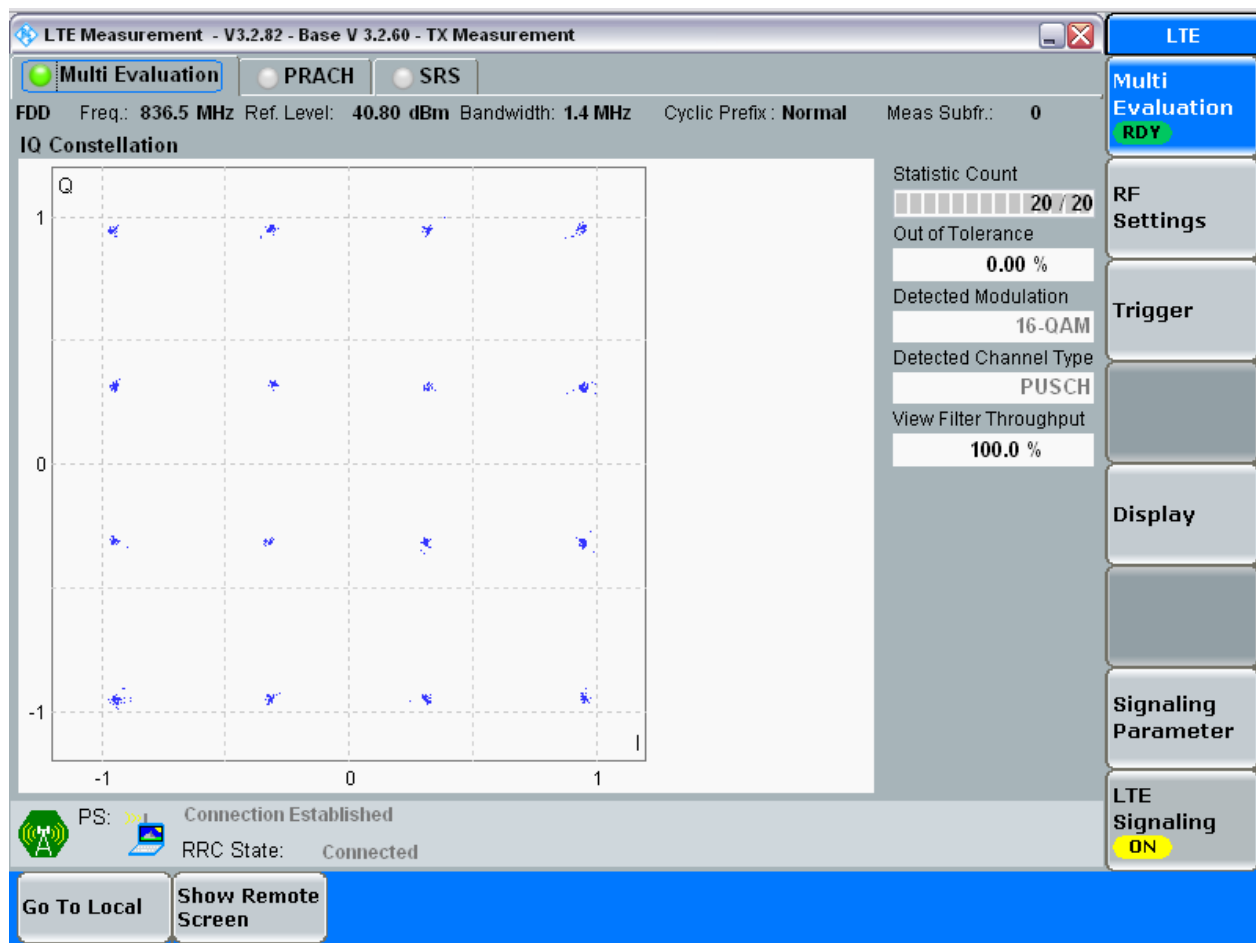


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

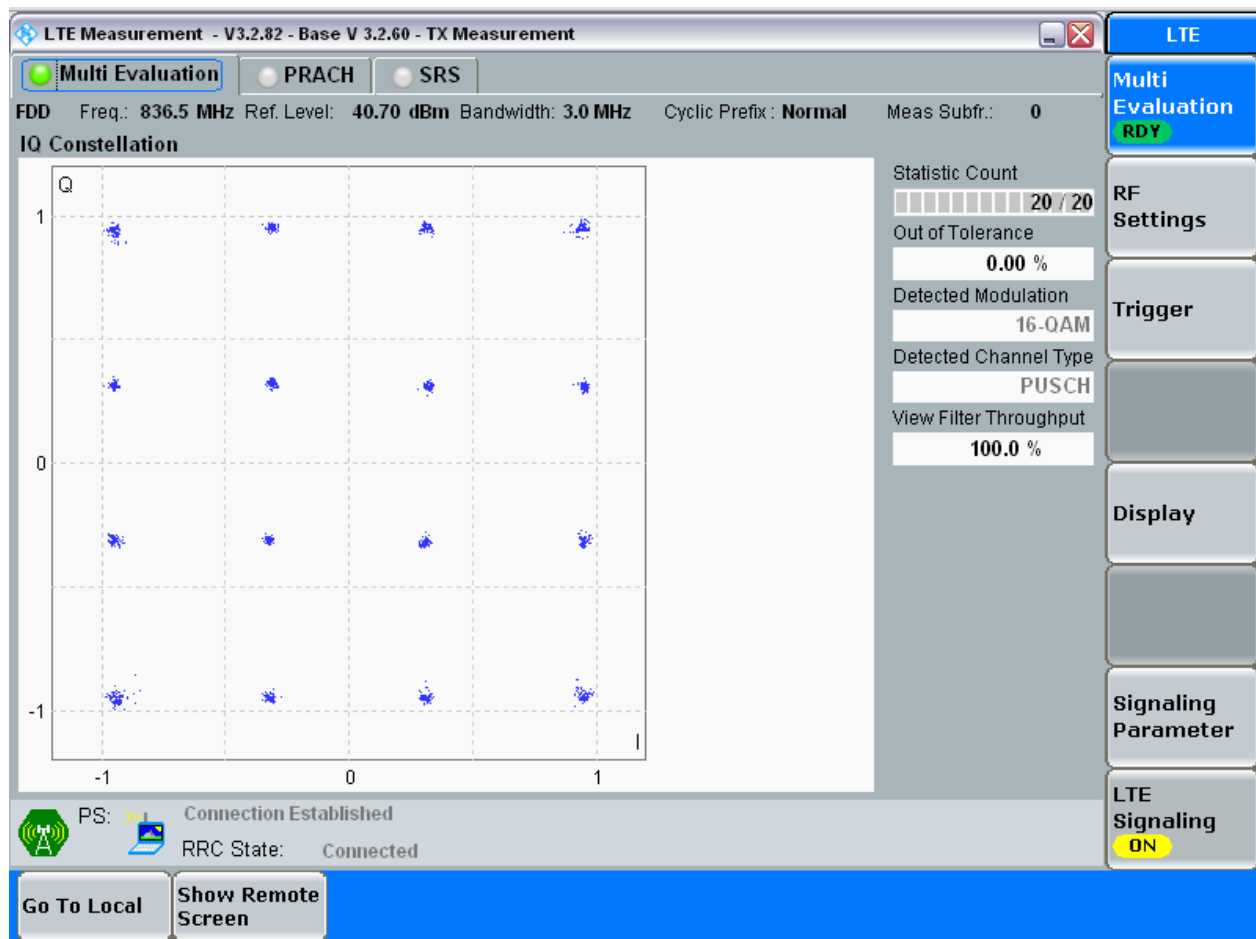
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

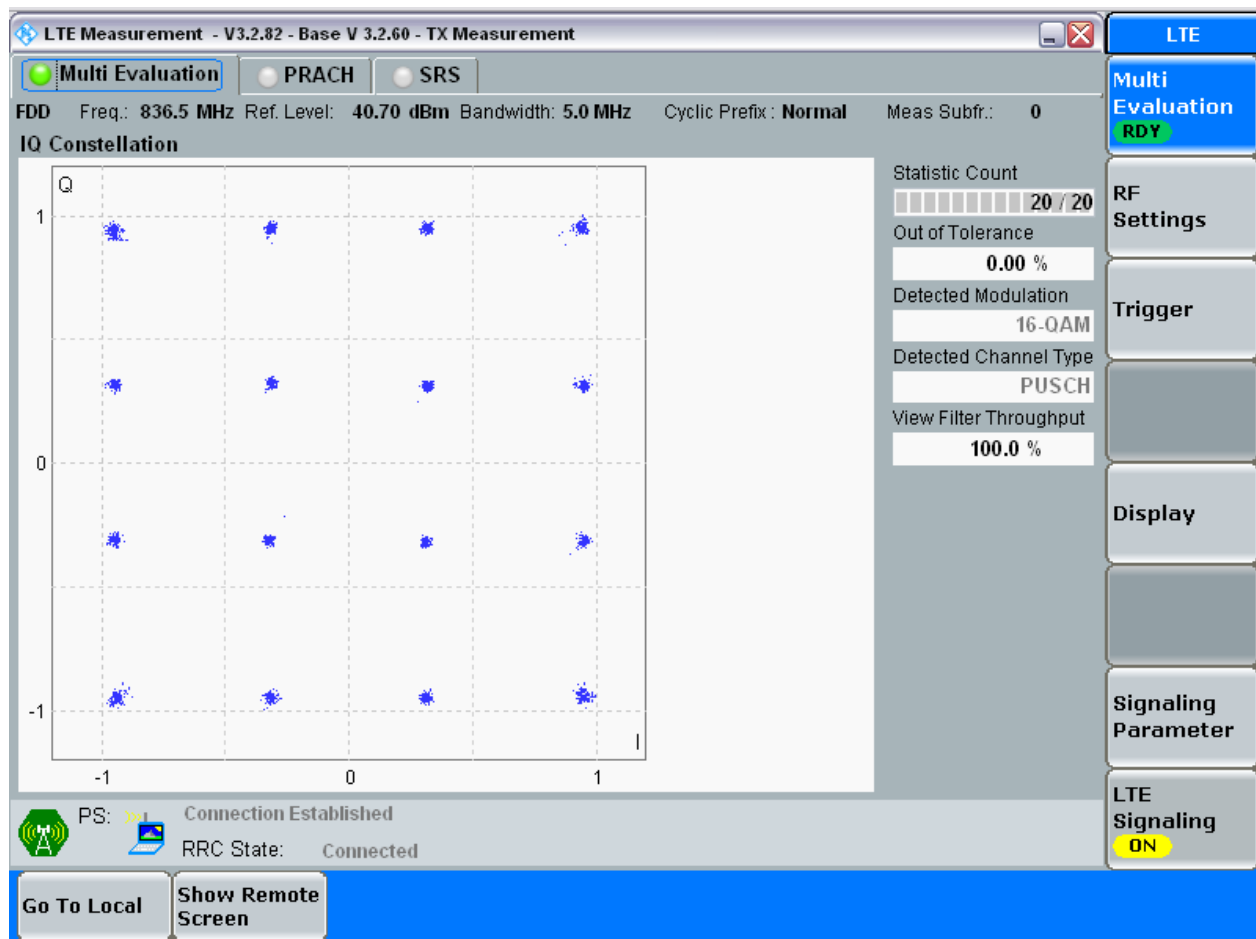
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

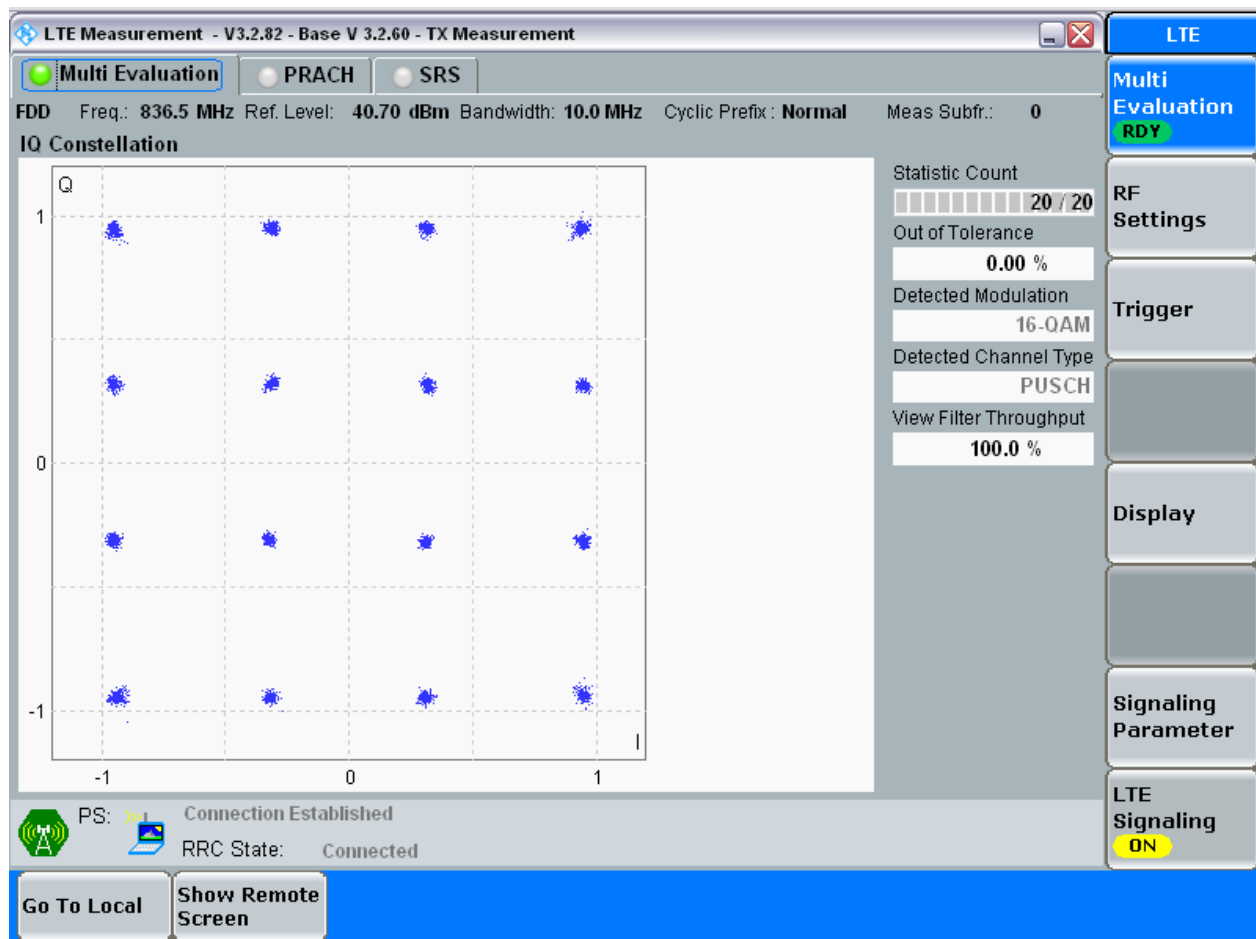
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

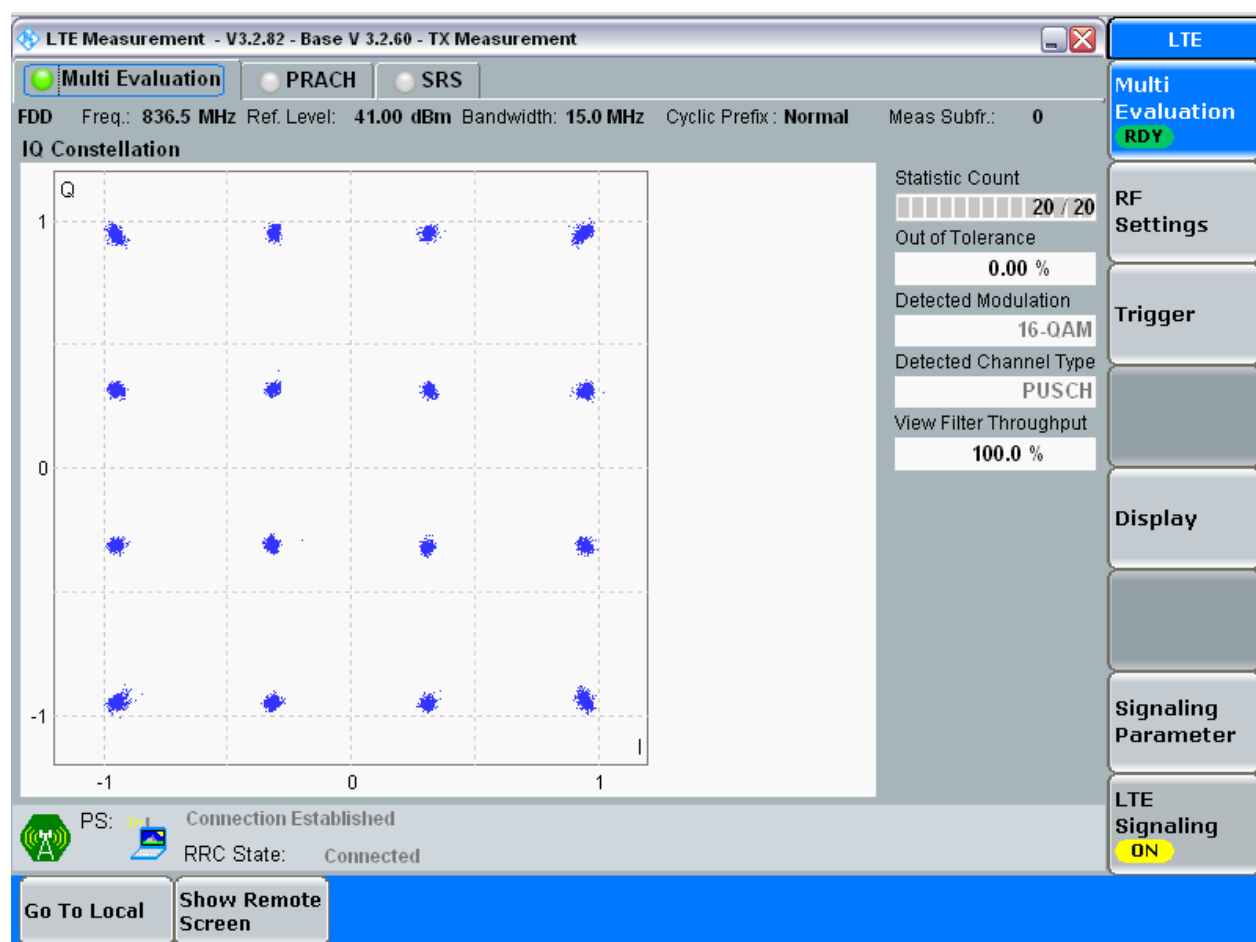
3.1.1.2.4.1.1 Test RB = RB50#0



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	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.92	Pass
			MCH	RB15#0	2.70	2.92	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.84	Pass
		10	LCH	RB50#0	8.98	9.63	Pass
			MCH	RB50#0	8.98	9.58	Pass
			HCH	RB50#0	8.97	9.61	Pass
		15	LCH	RB75#0	13.45	14.39	Pass
			MCH	RB75#0	13.47	14.40	Pass
			HCH	RB75#0	13.44	14.34	Pass
	LTE/TM2	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	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.95	Pass
		5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.51	4.87	Pass
			HCH	RB25#0	4.51	4.85	Pass
		10	LCH	RB50#0	8.98	9.65	Pass
			MCH	RB50#0	8.98	9.60	Pass
			HCH	RB50#0	8.98	9.60	Pass
		15	LCH	RB75#0	13.47	14.40	Pass
			MCH	RB75#0	13.48	14.38	Pass
			HCH	RB75#0	13.44	14.38	Pass

Part II - Test Plots

4.1 For LTE

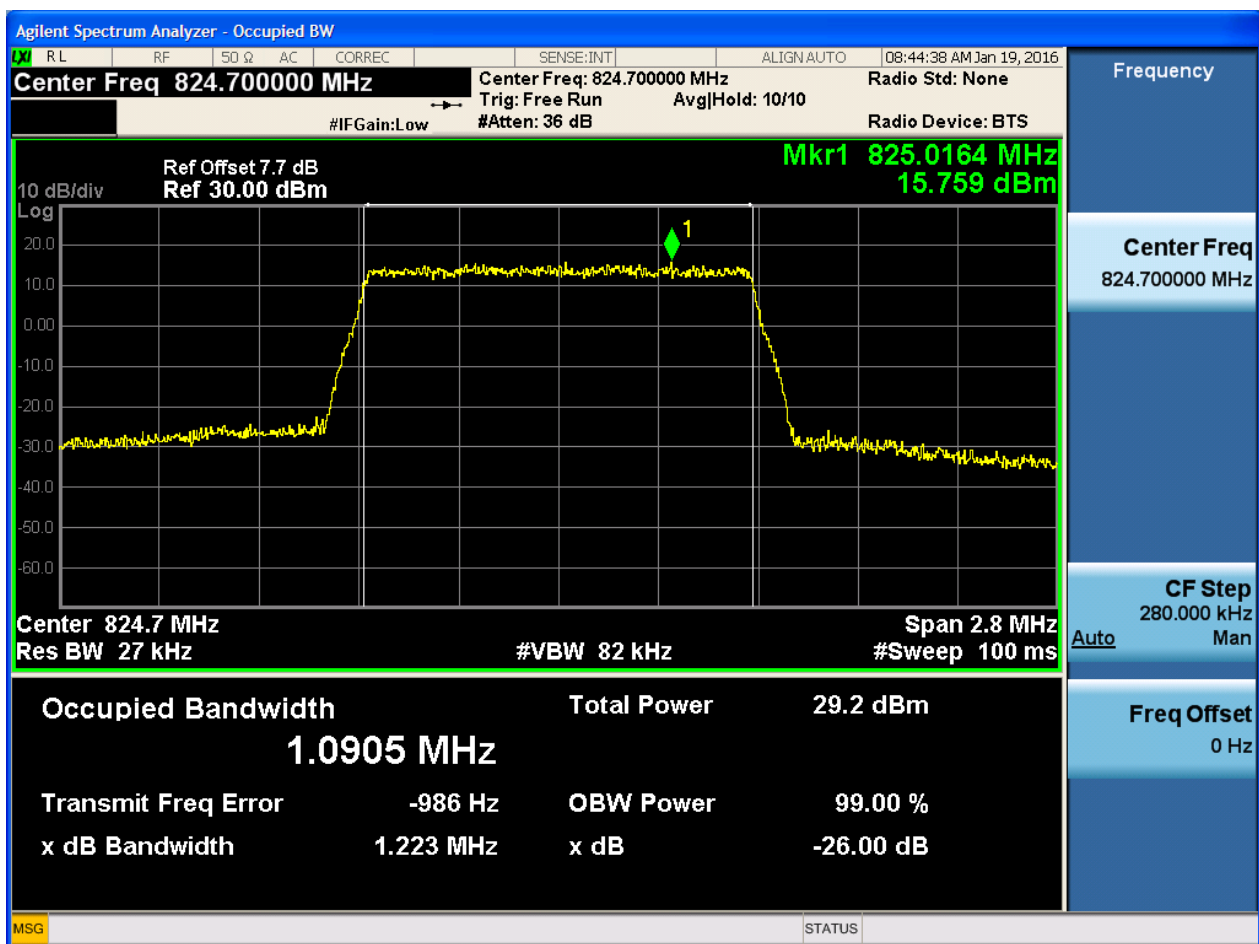
4.1.1 Test Band = BAND26

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

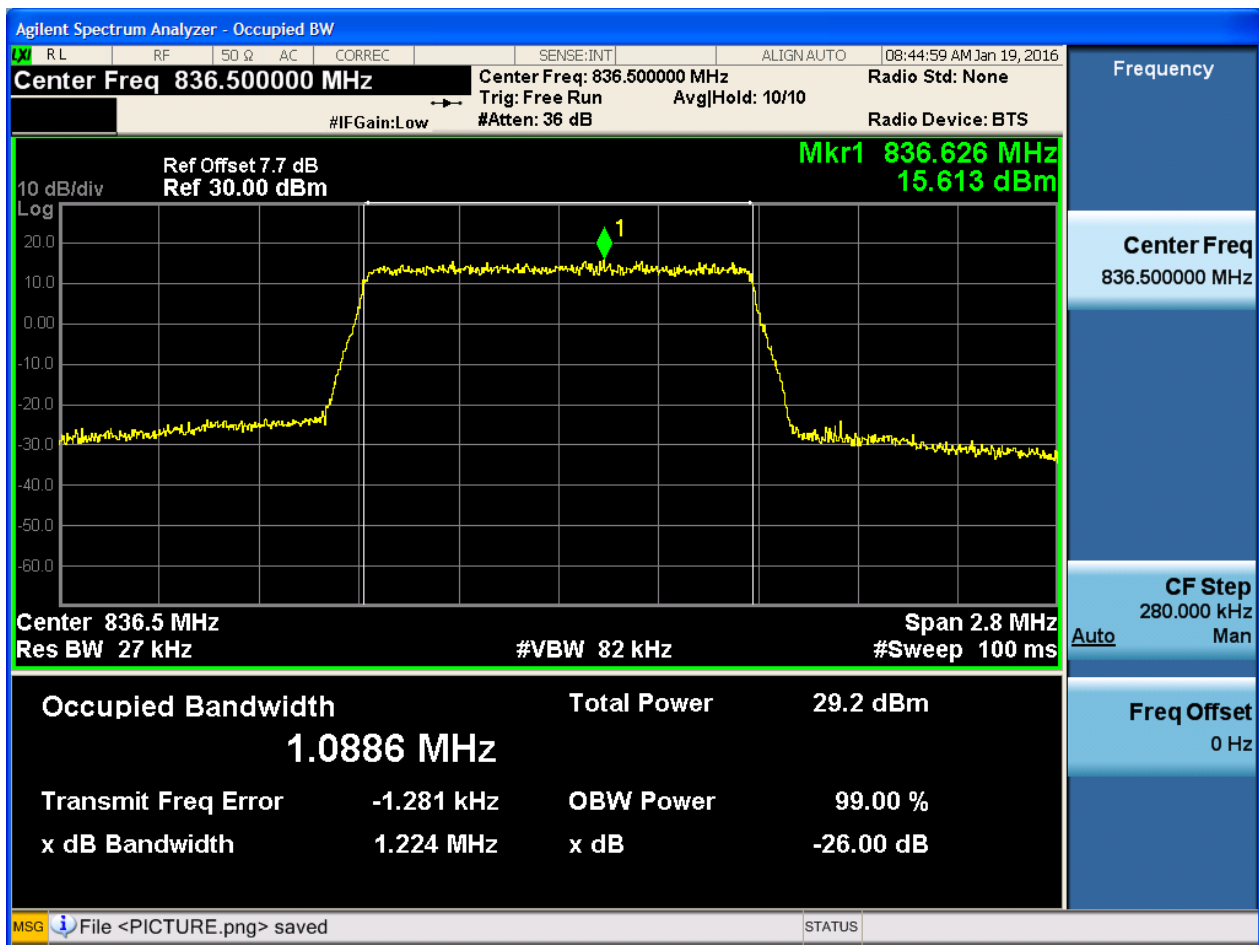
4.1.1.1.1.1.1 Test RB = RB6#0





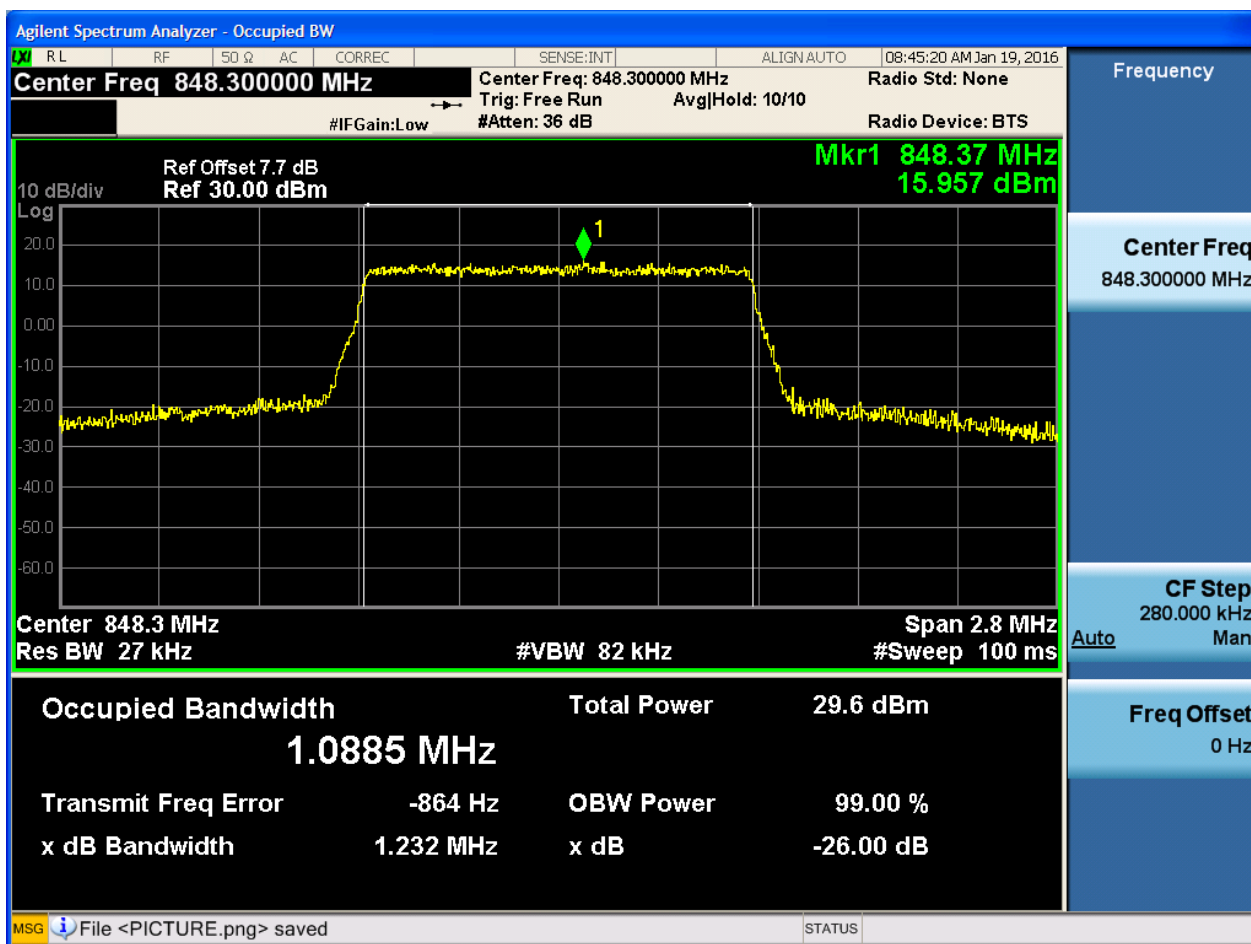
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

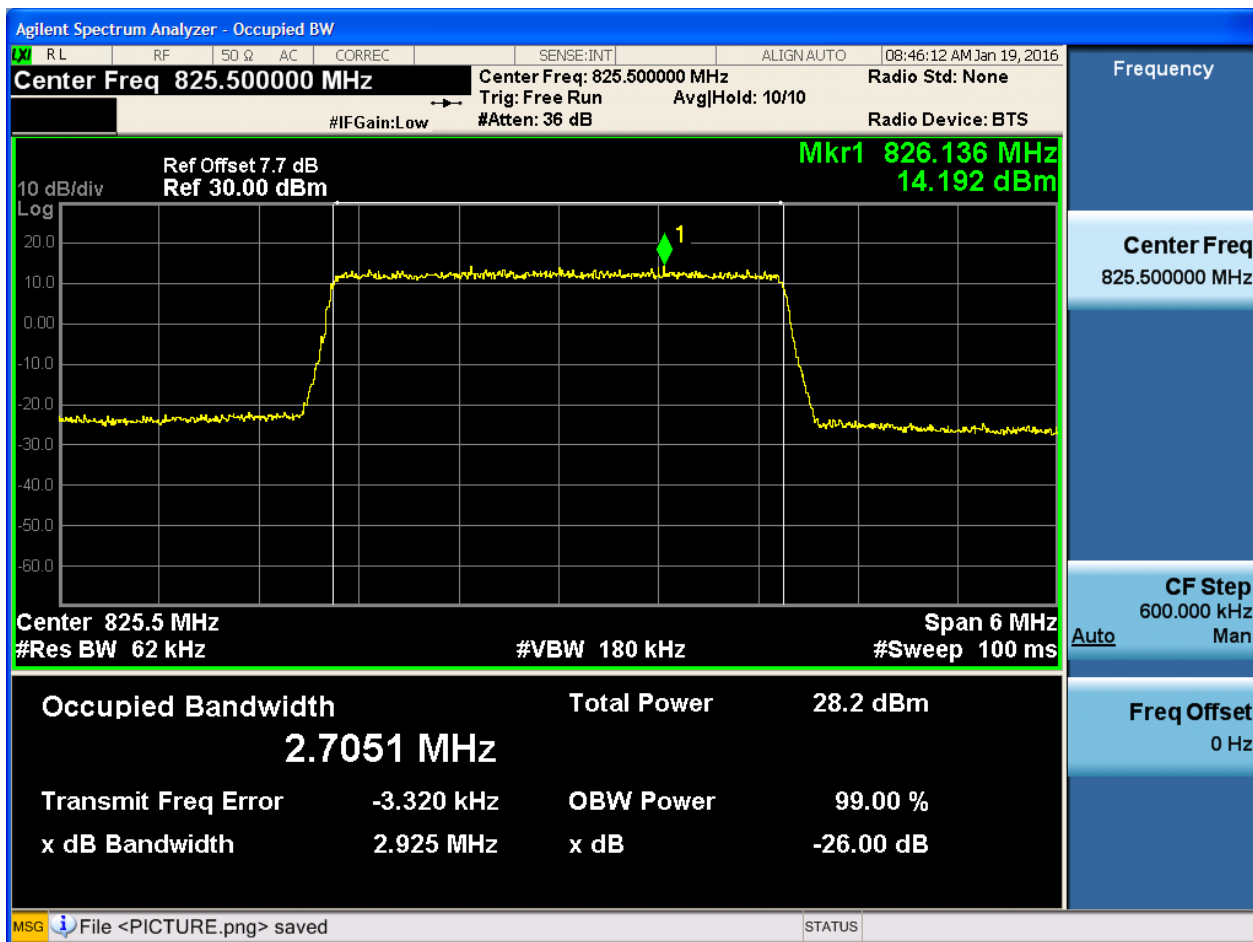




4.1.1.1.2 Test Bandwidth = 3

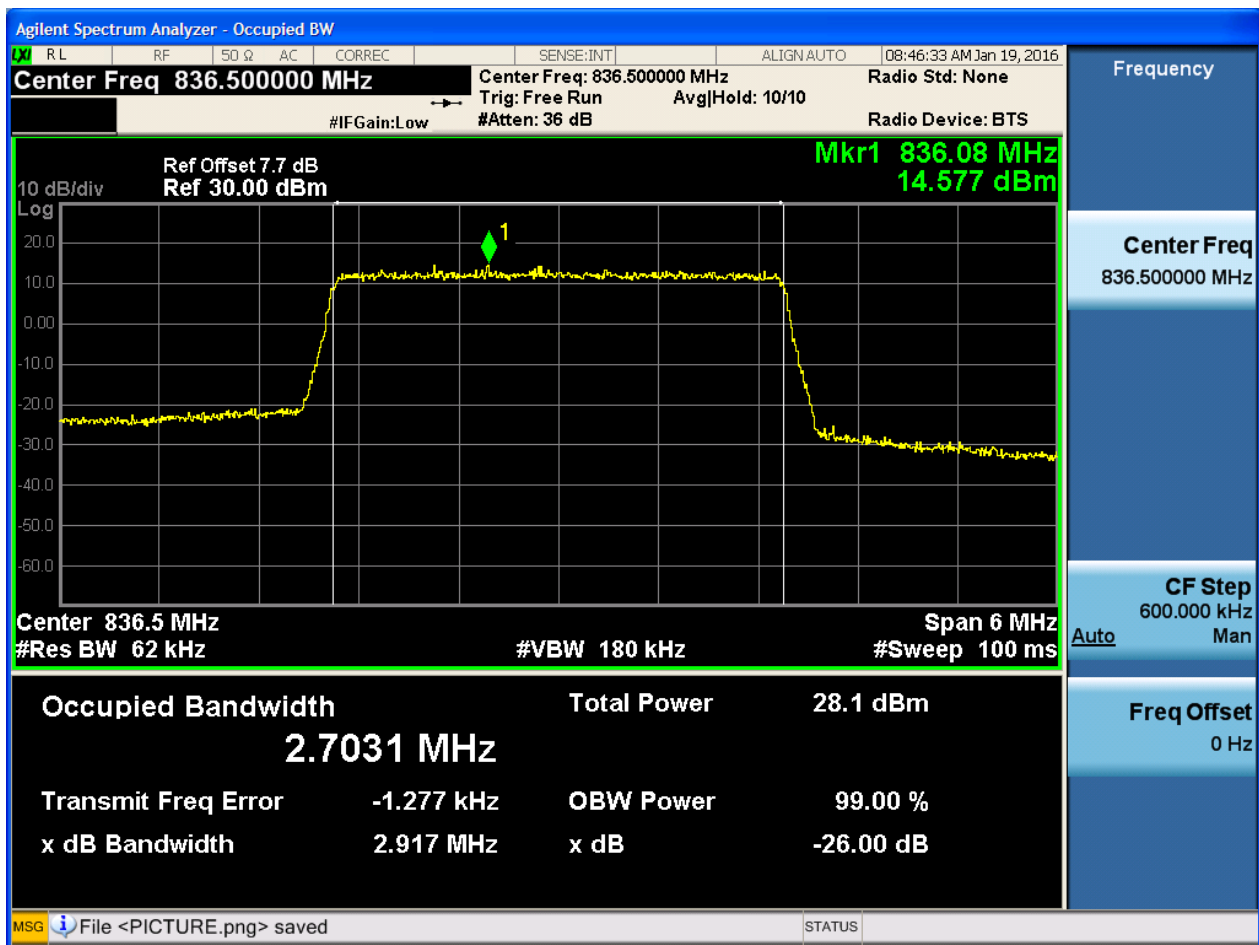
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



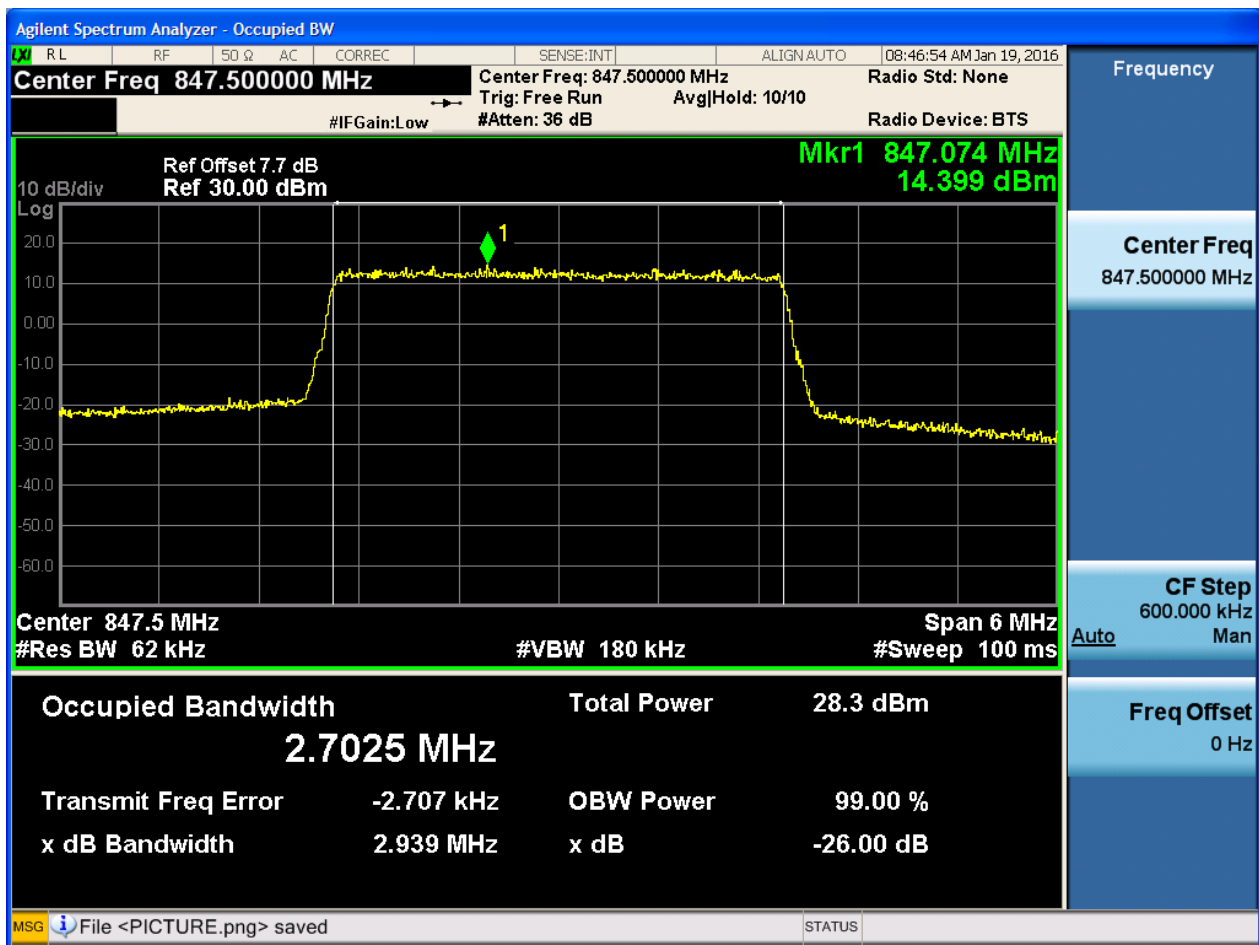
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

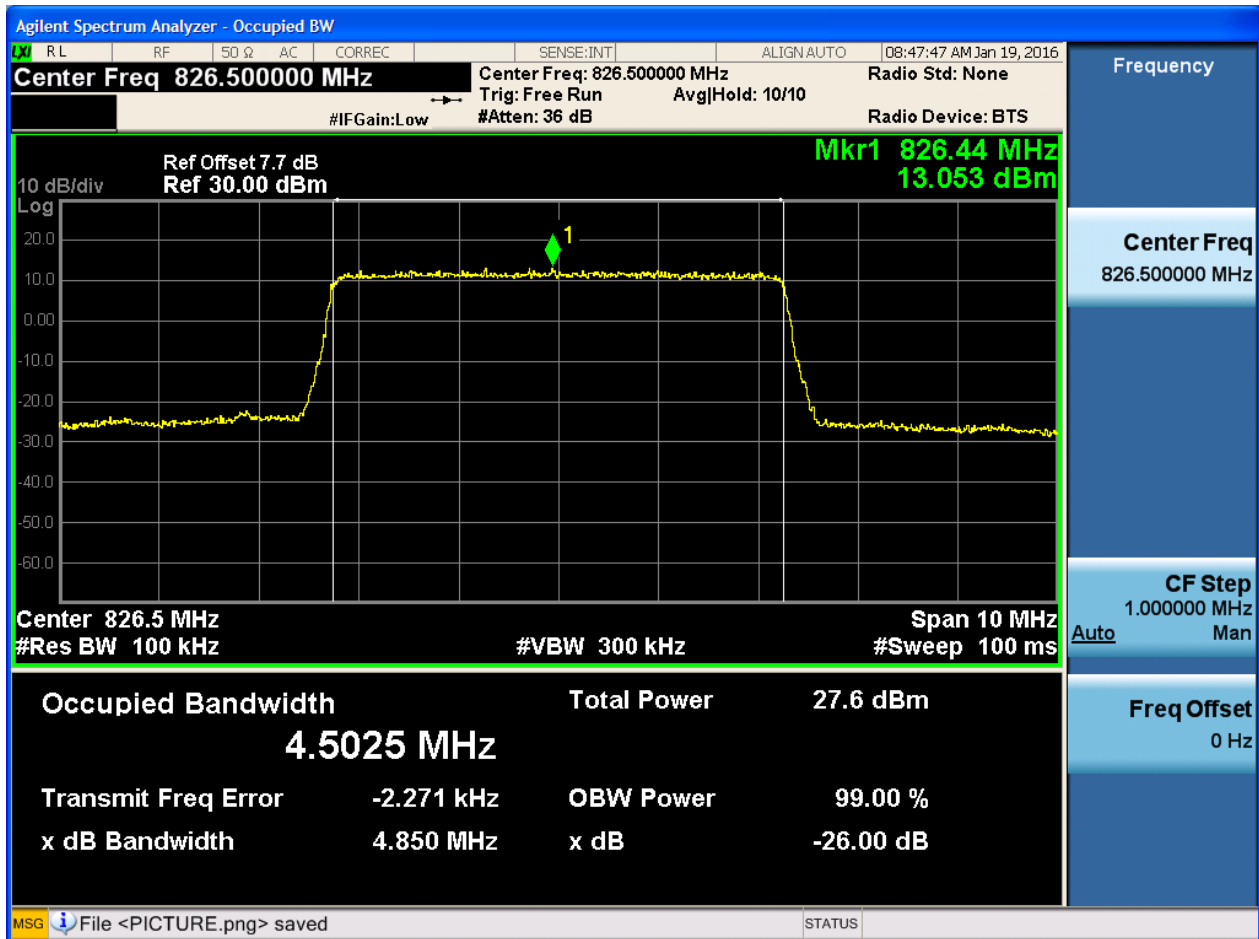




4.1.1.1.3 Test Bandwidth = 5

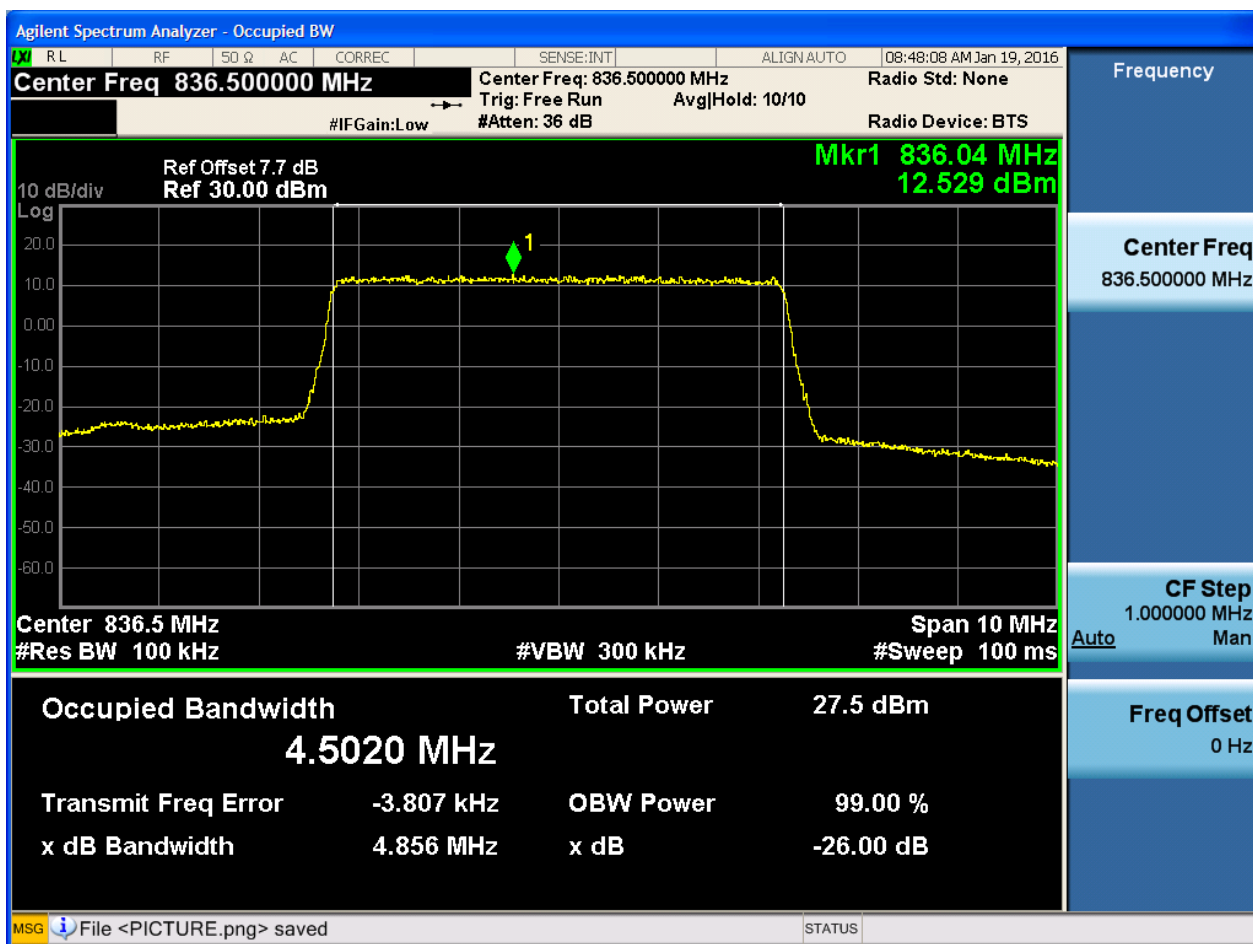
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

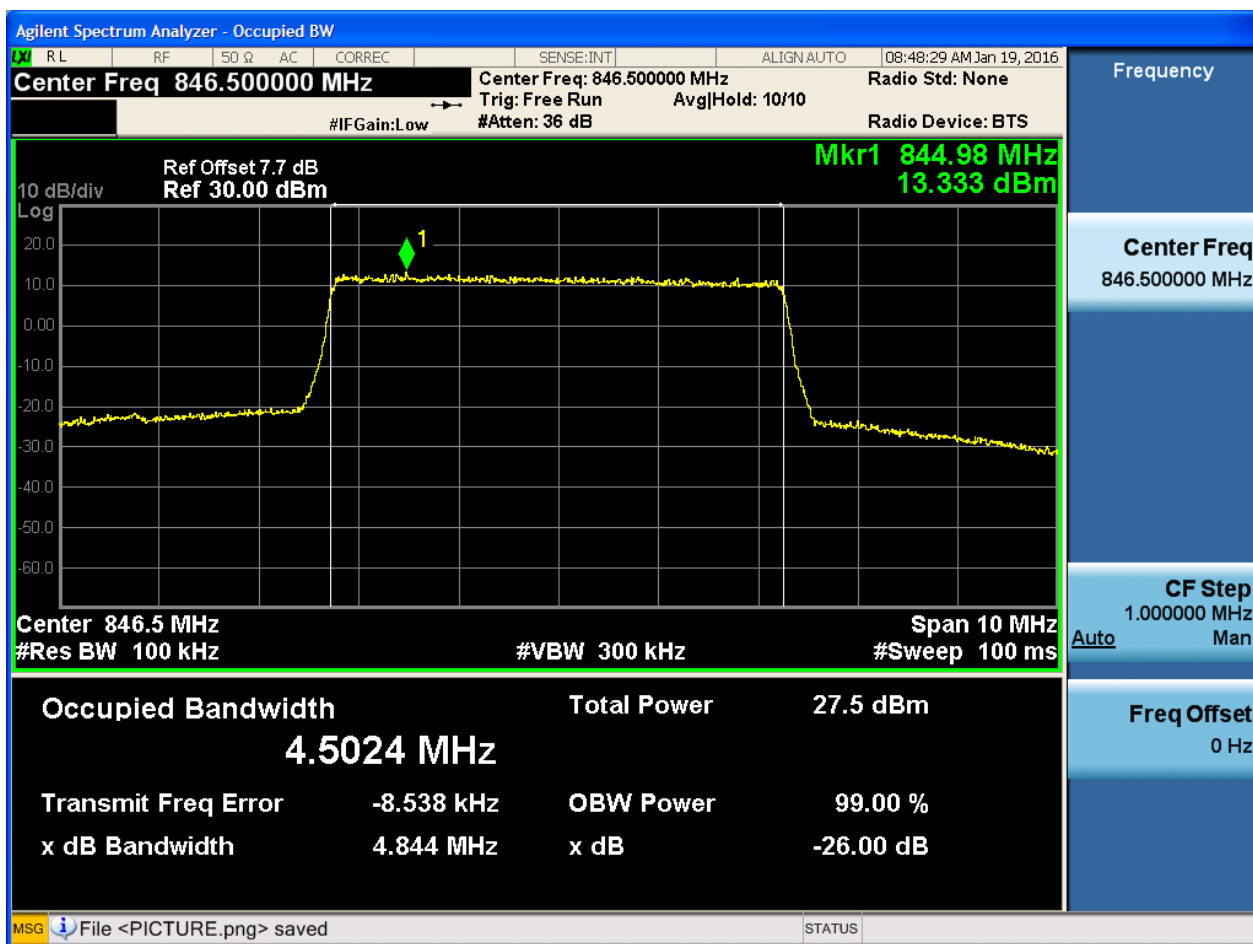
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

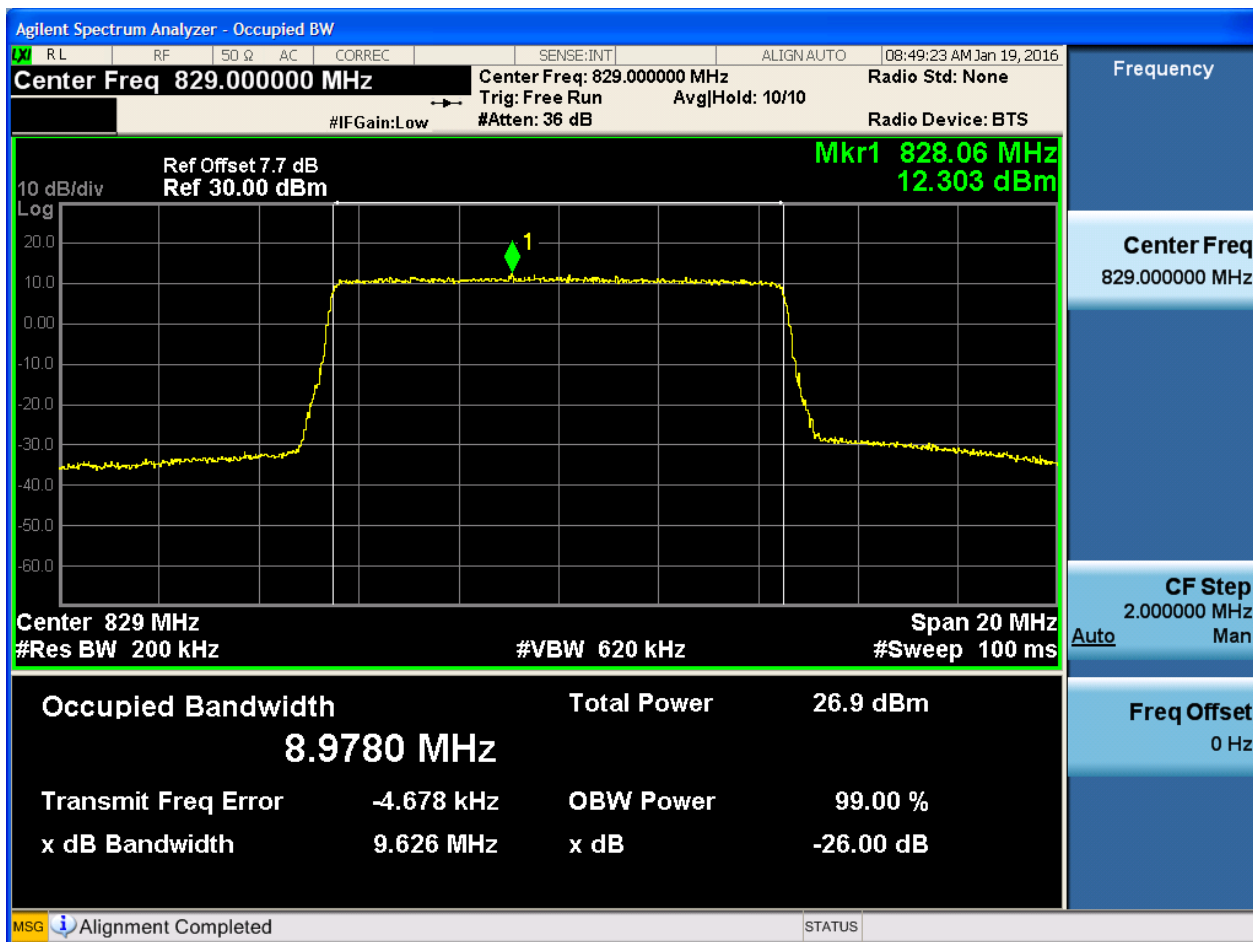




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

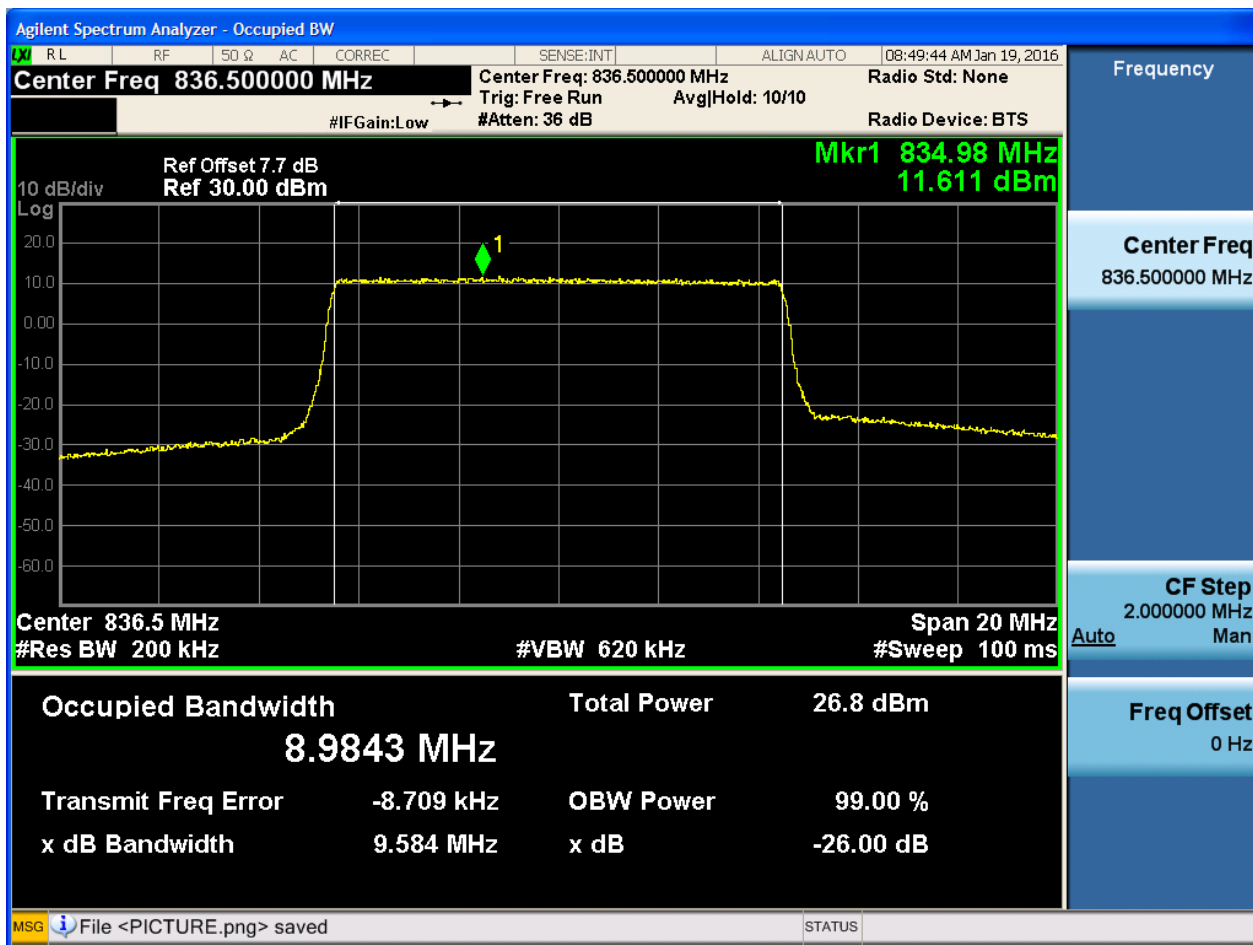
4.1.1.1.4.1.1 Test RB = RB50#0





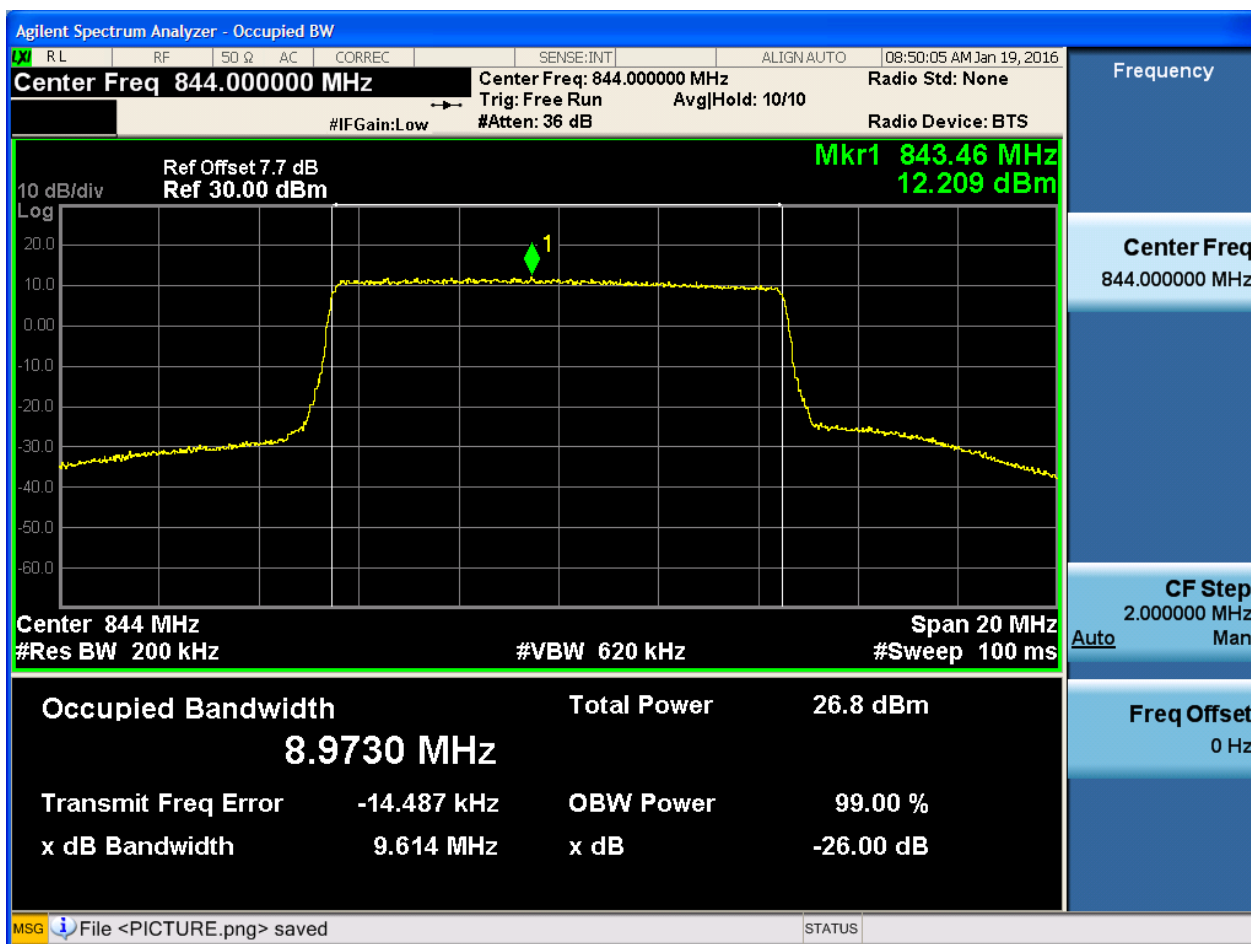
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

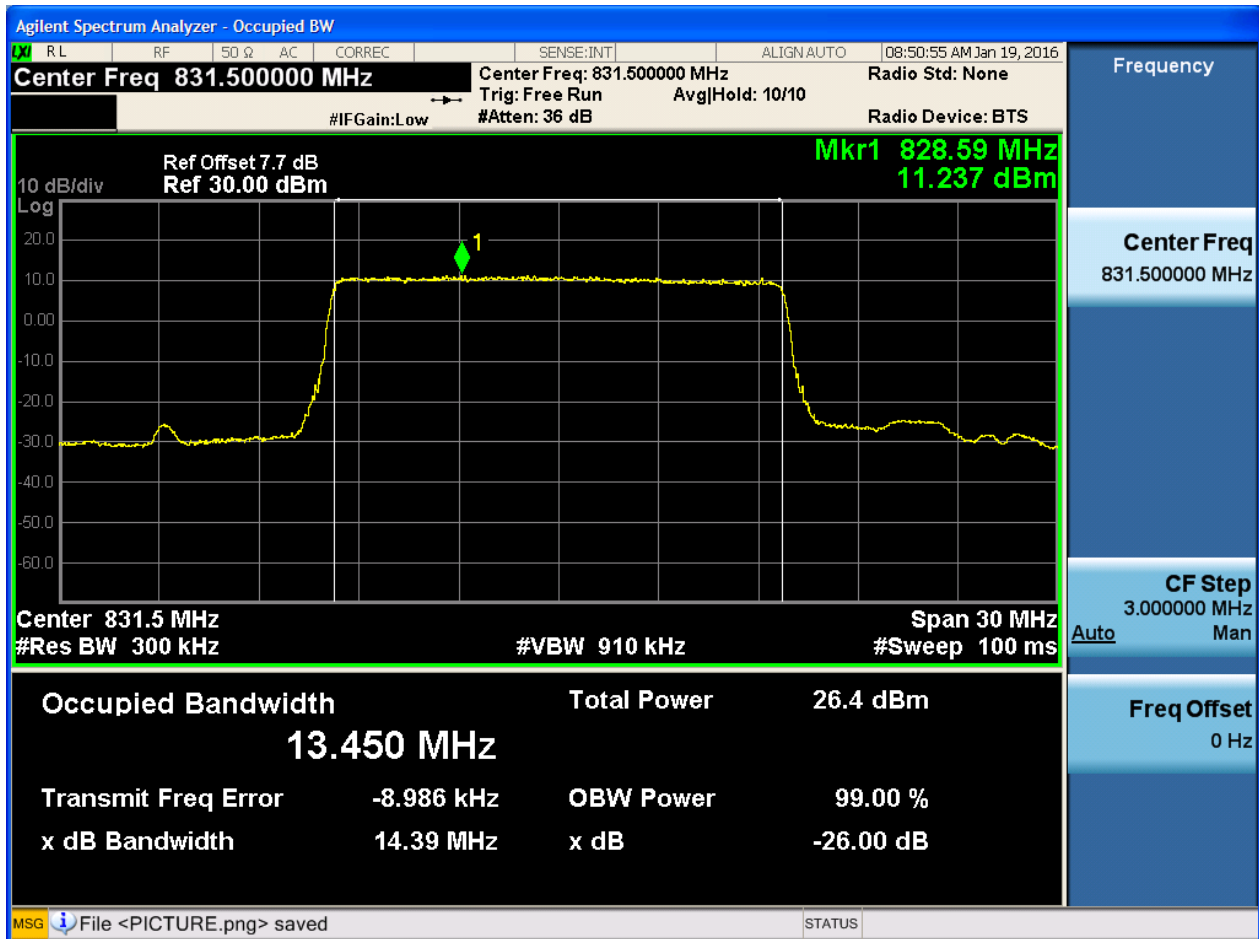




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

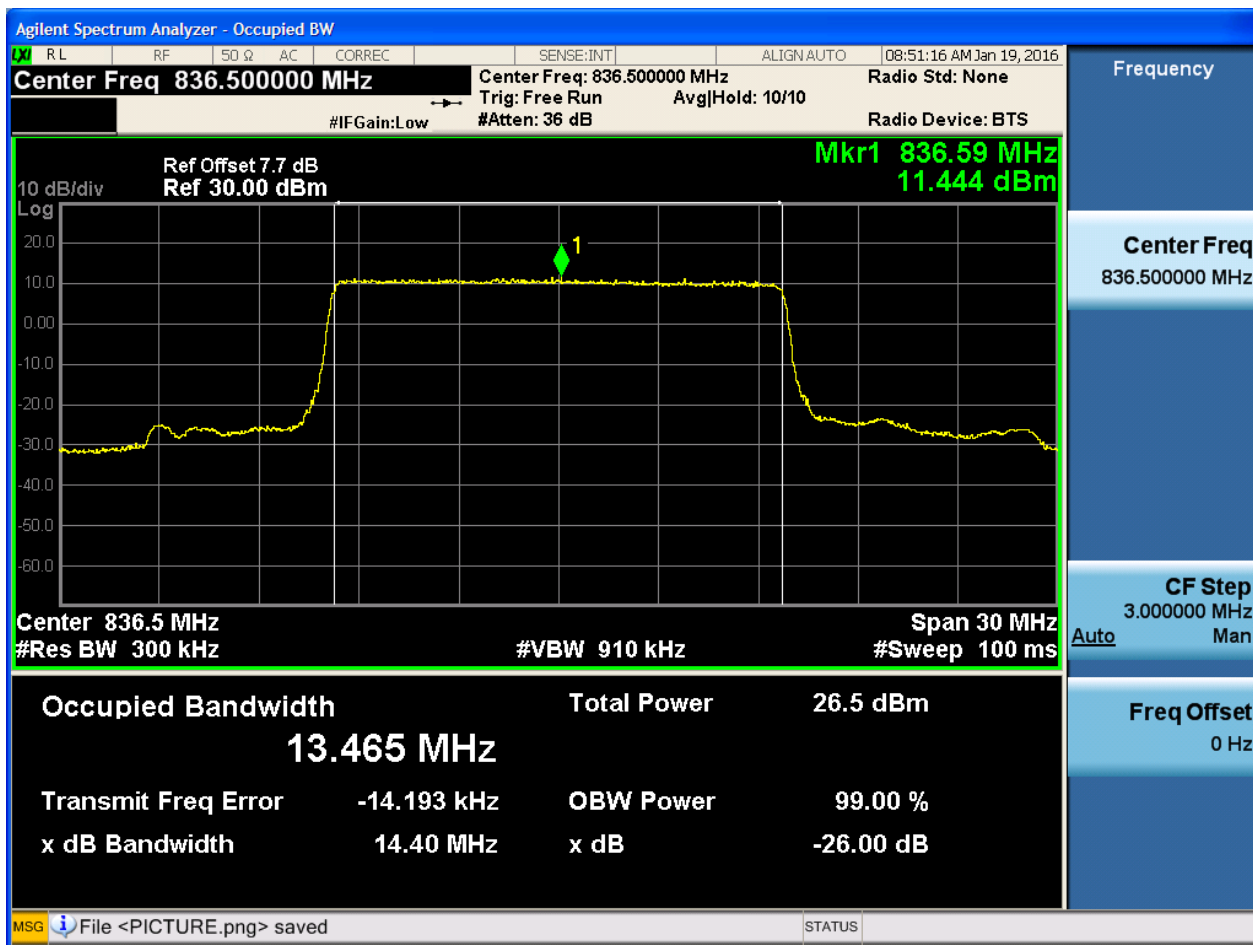
4.1.1.1.5.1.1 Test RB = RB75#0





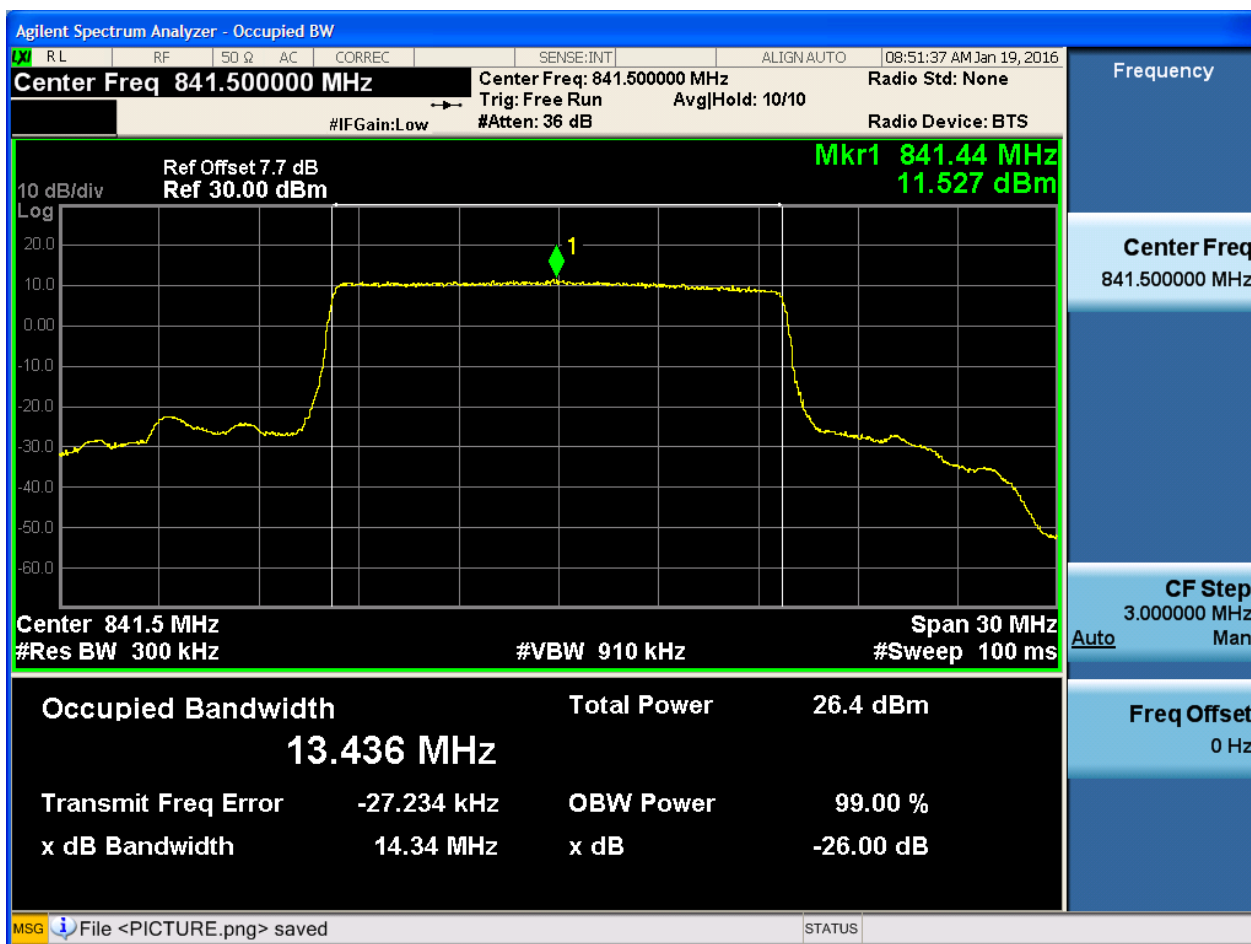
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0



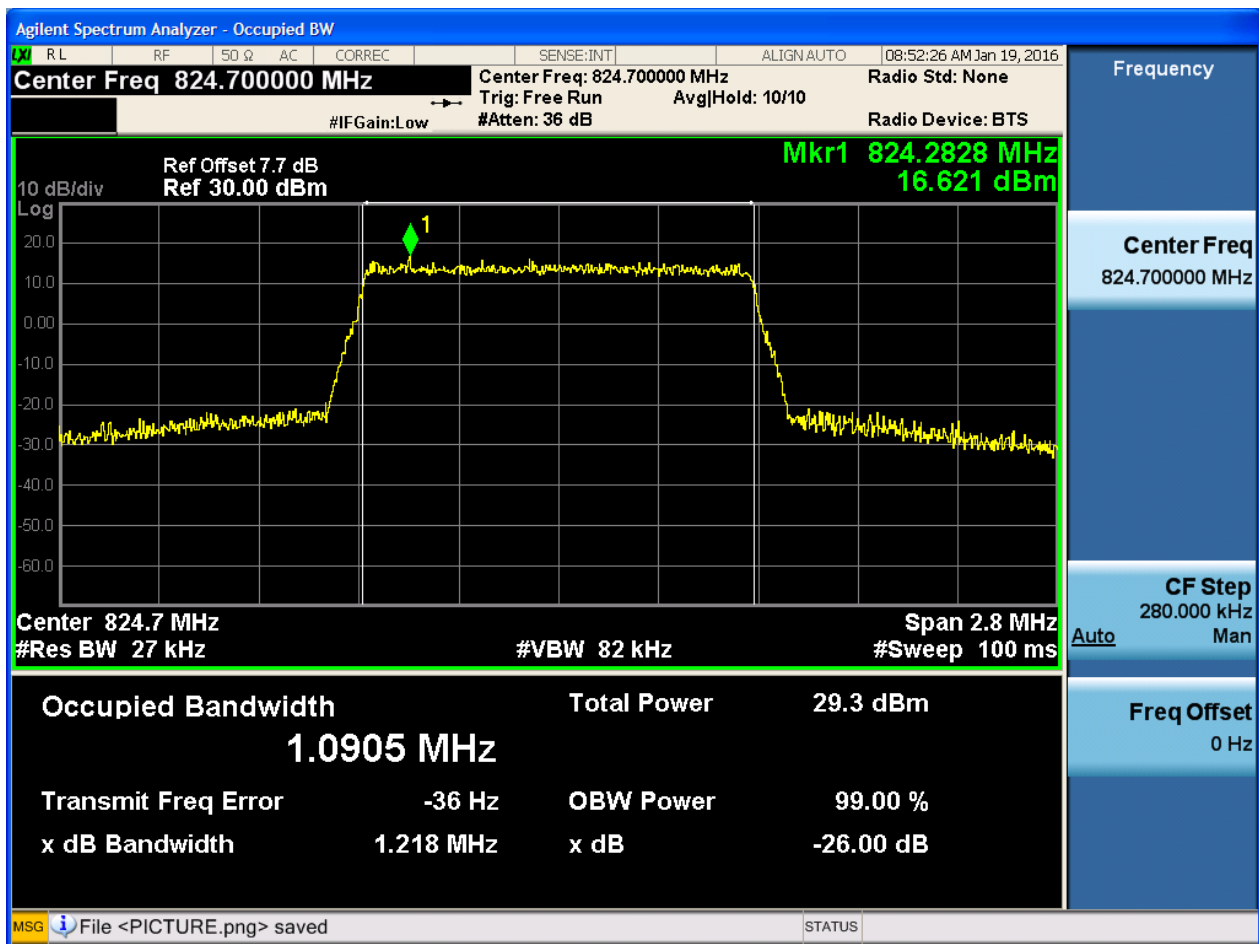


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

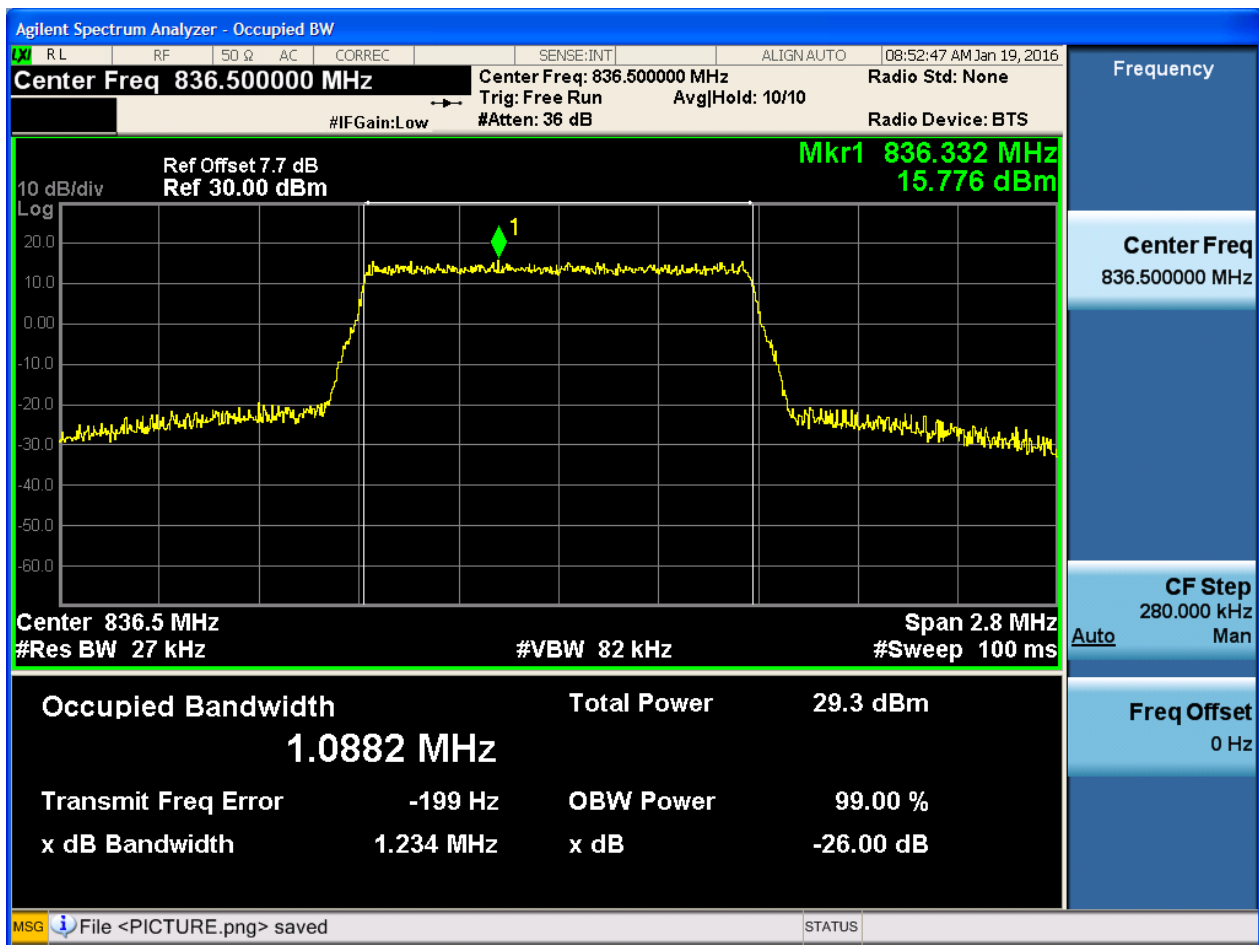
4.1.1.2.1.1.1 Test RB = RB6#0





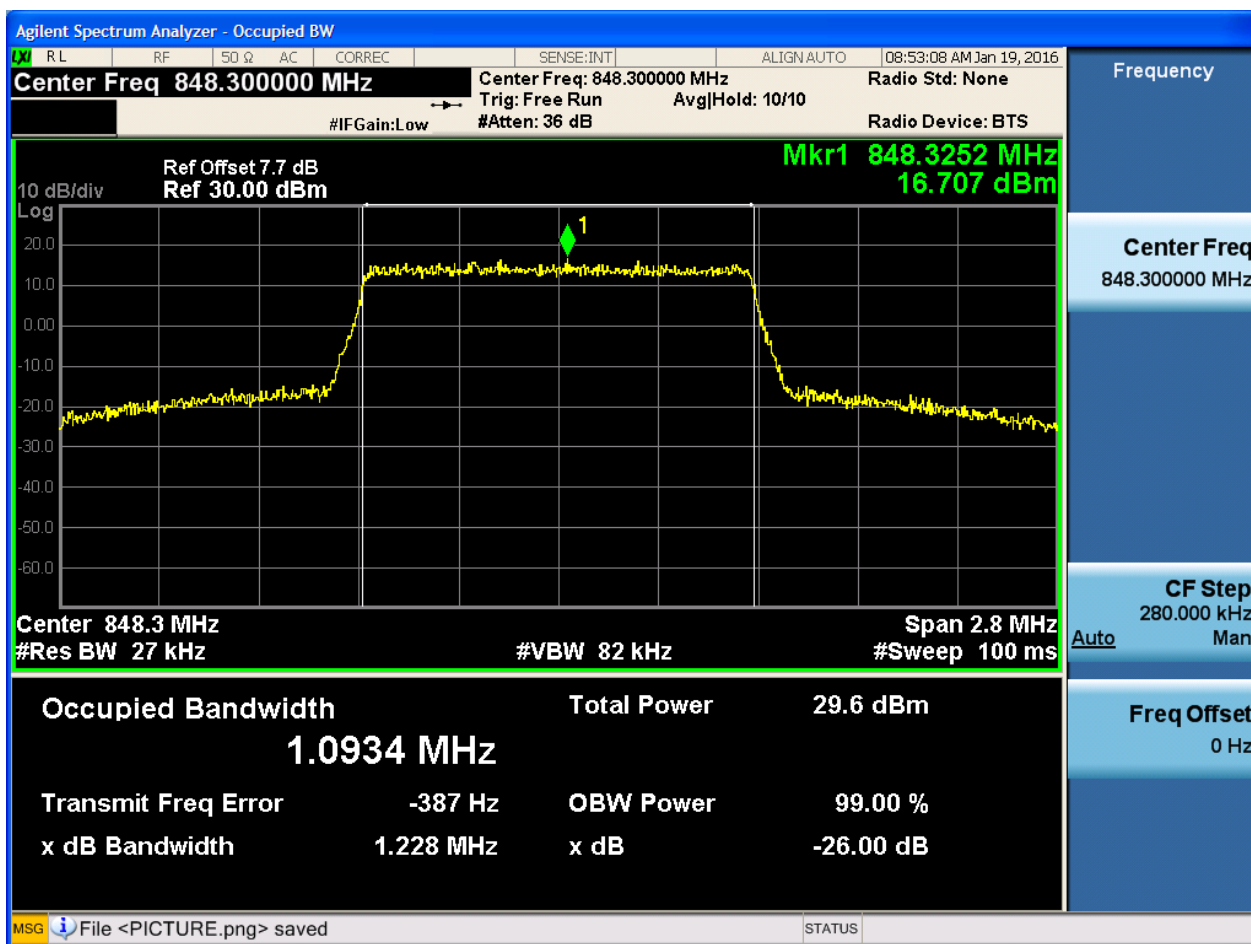
4.1.1.2.1.2 Test Channel = MCH

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

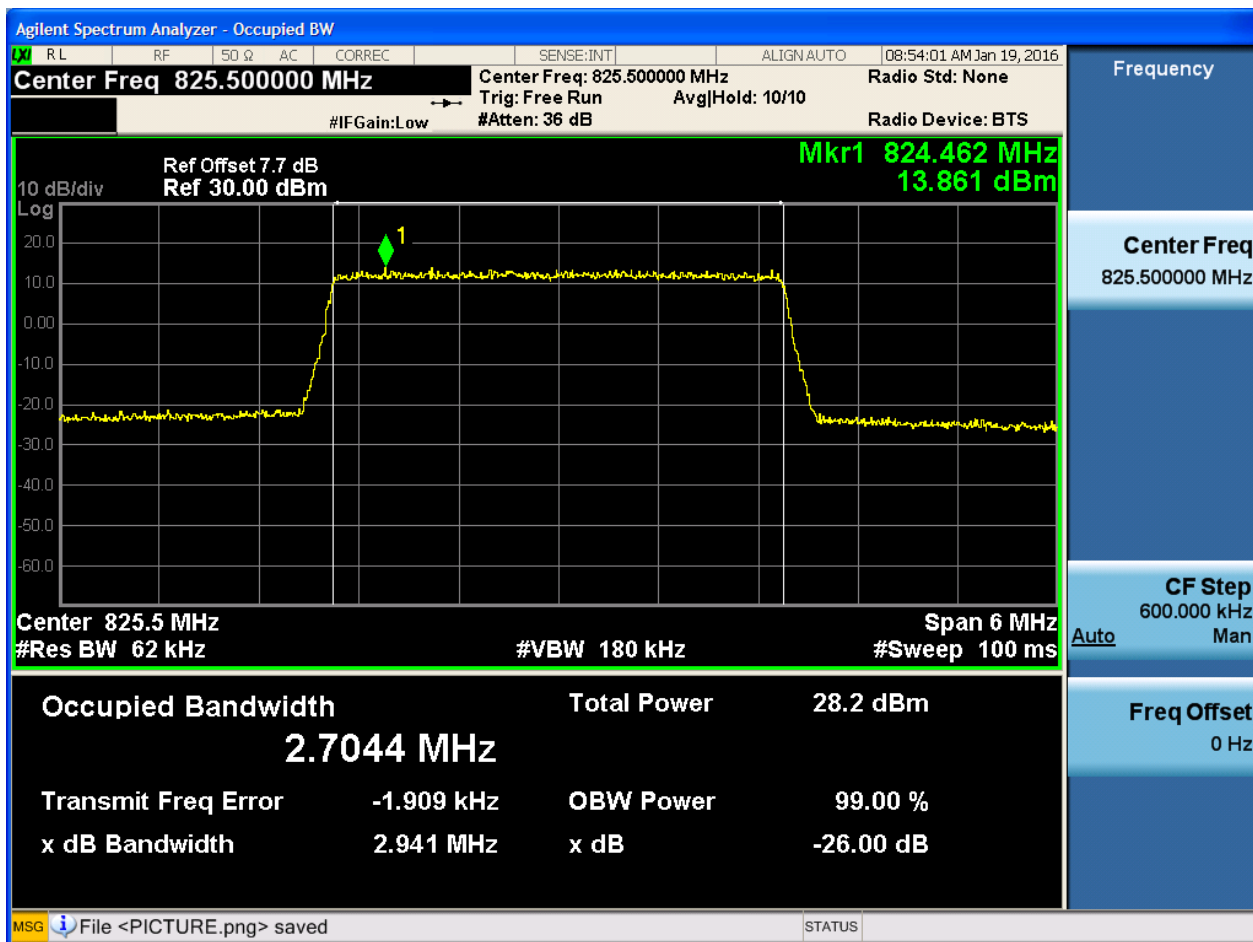




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

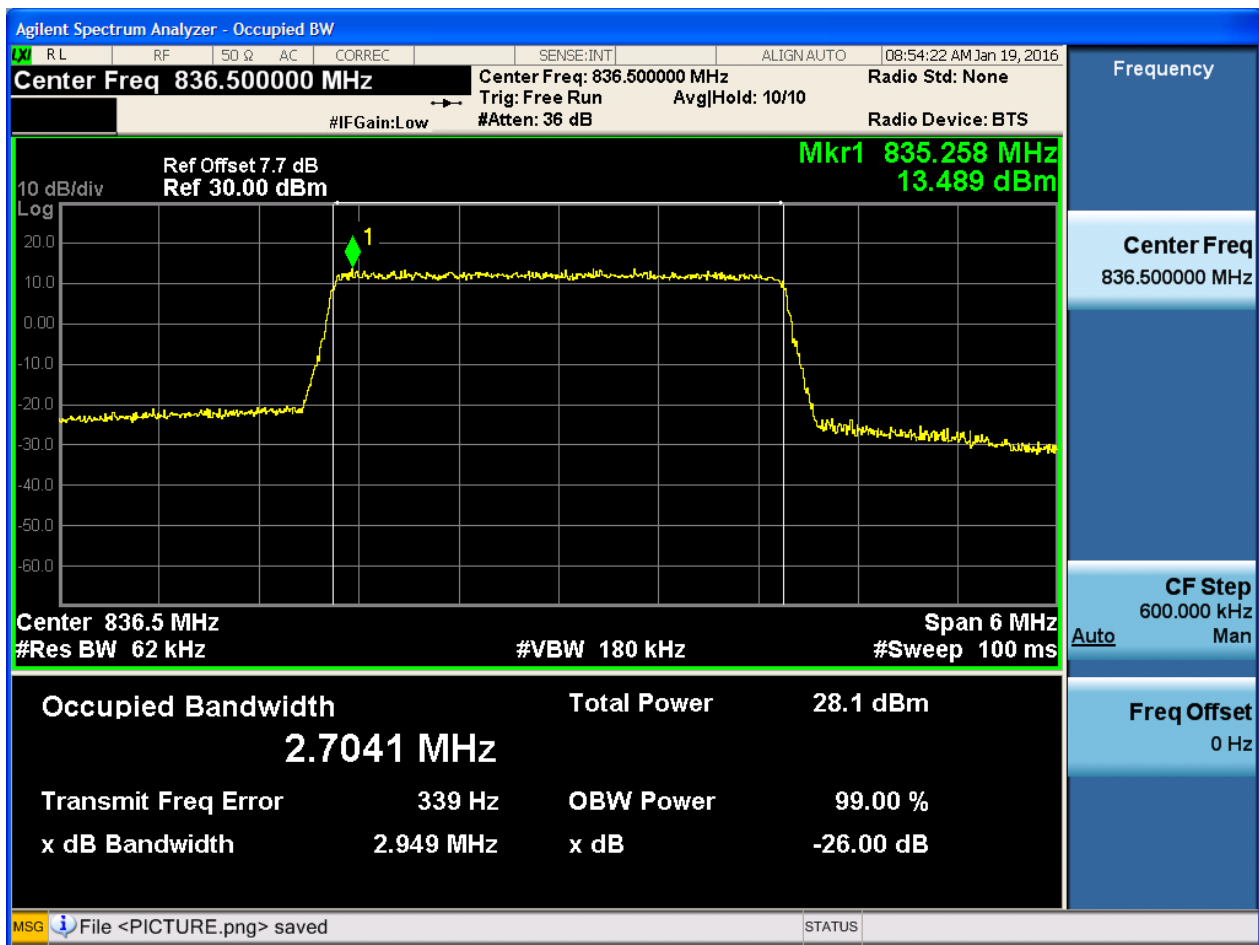
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

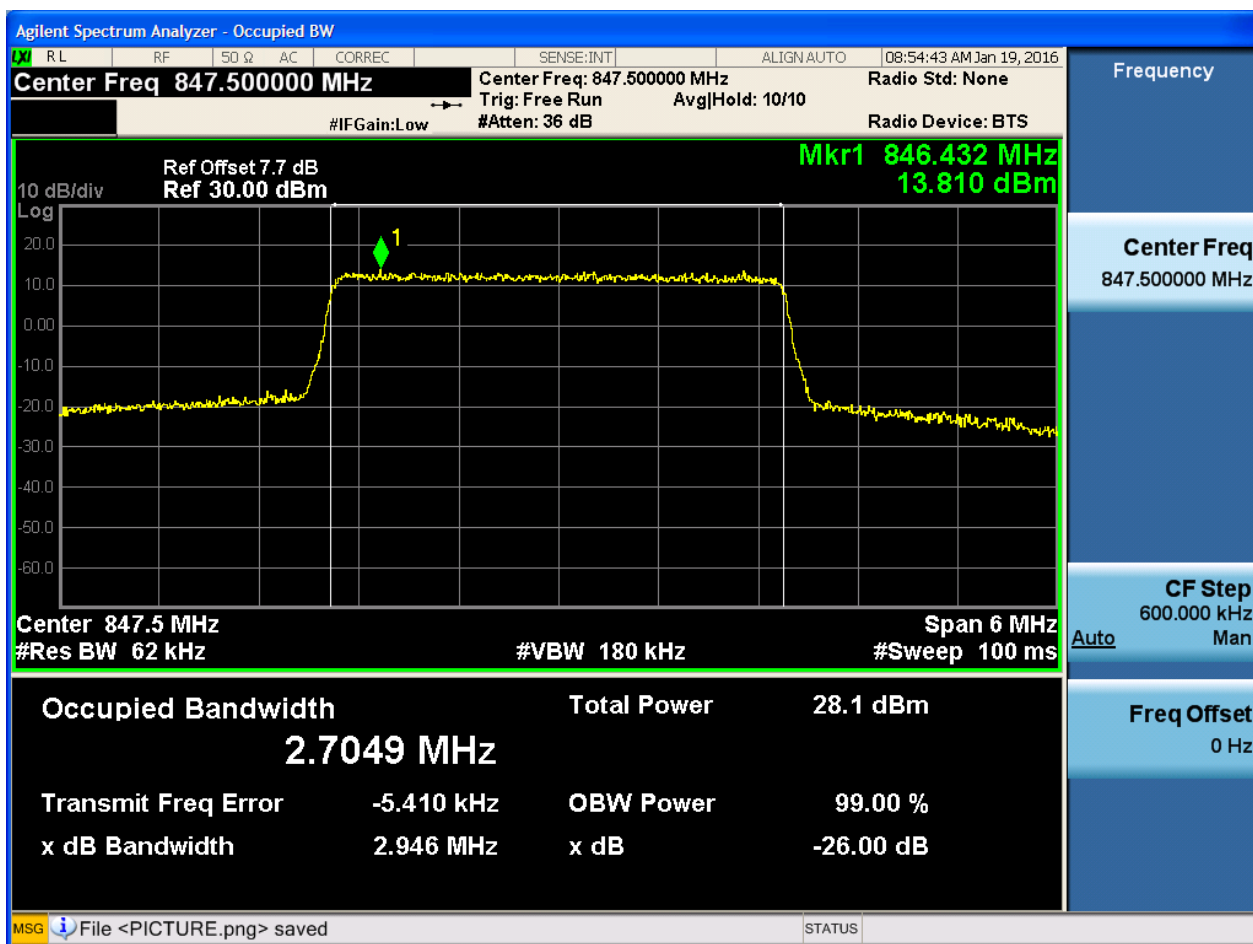
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

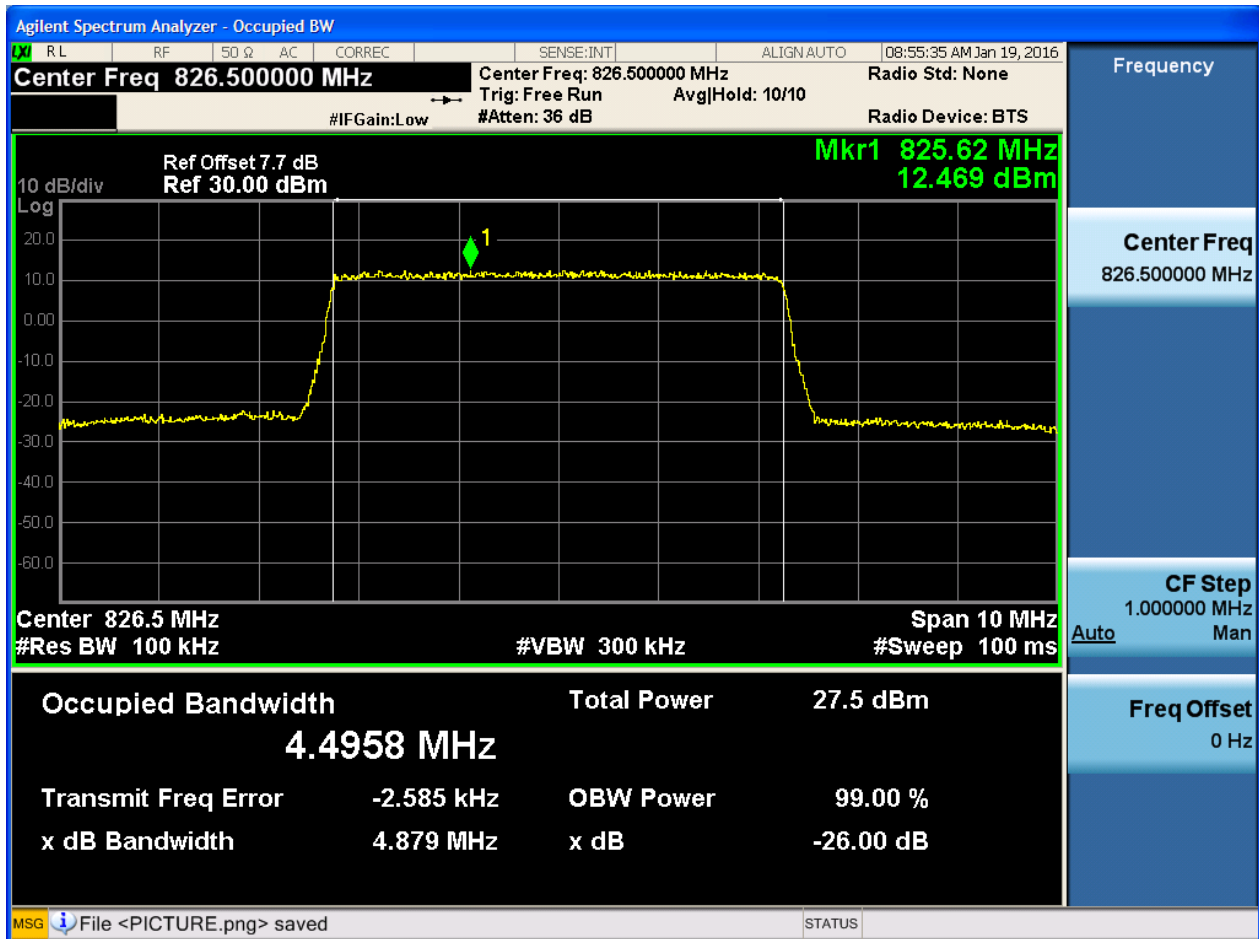




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

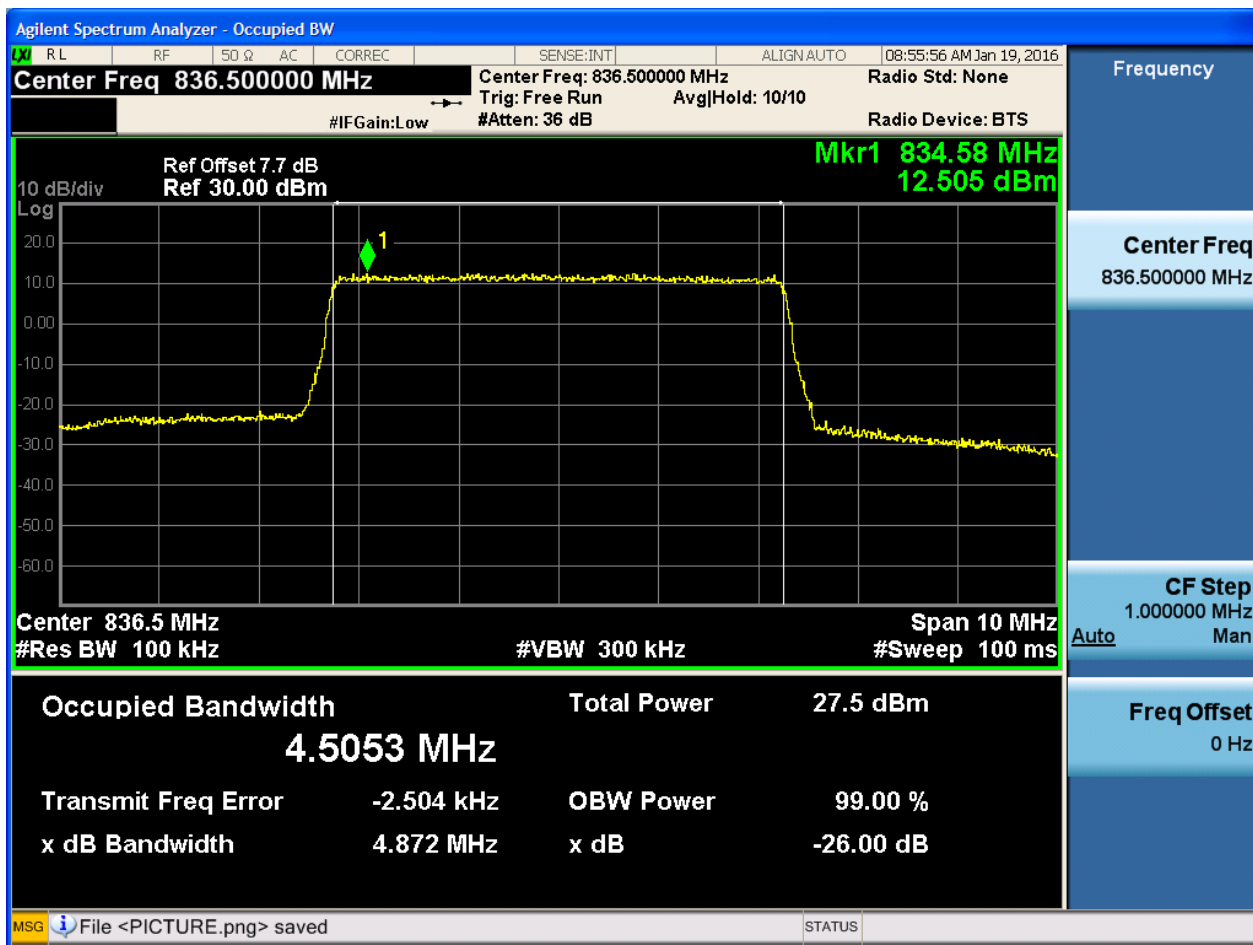
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

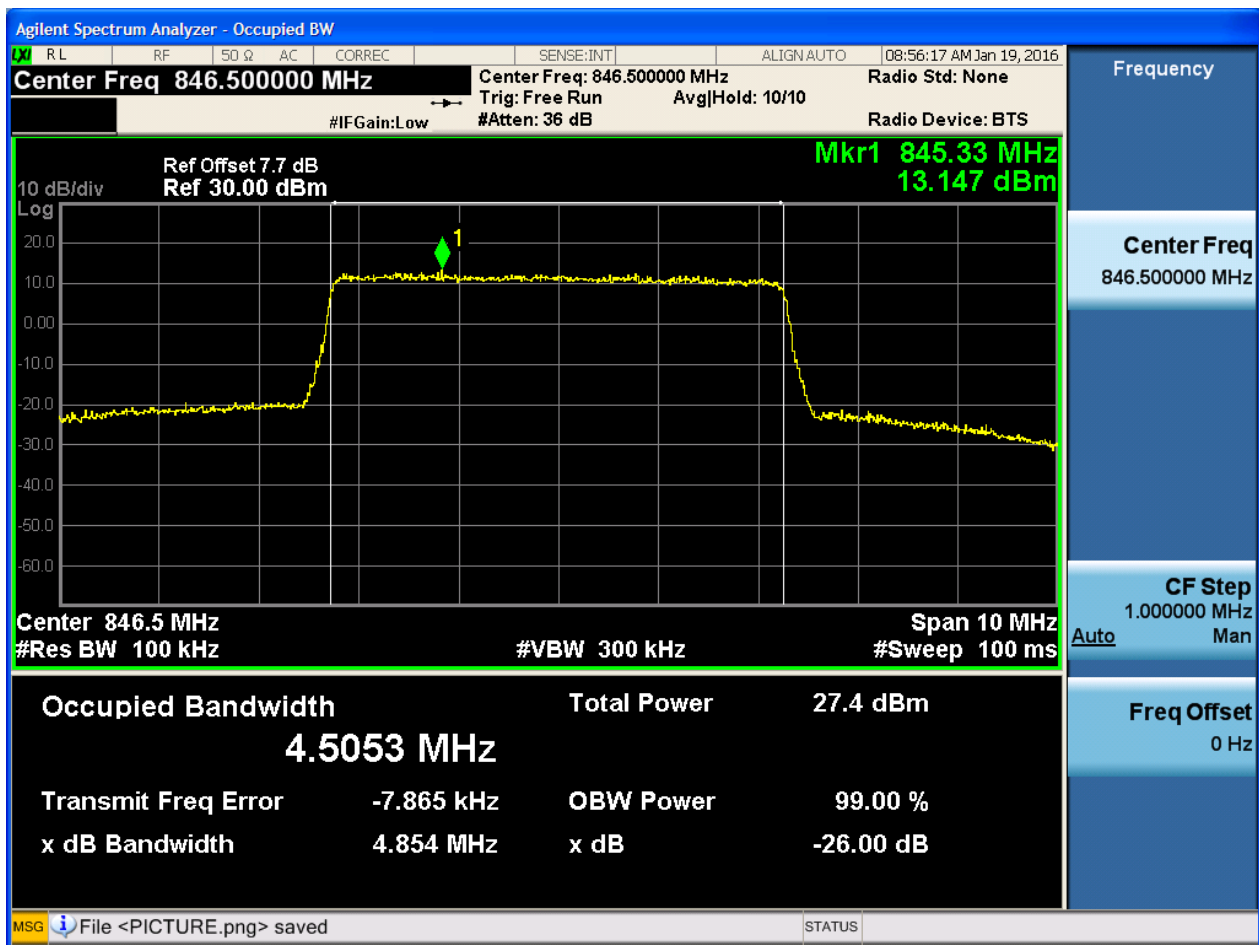
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

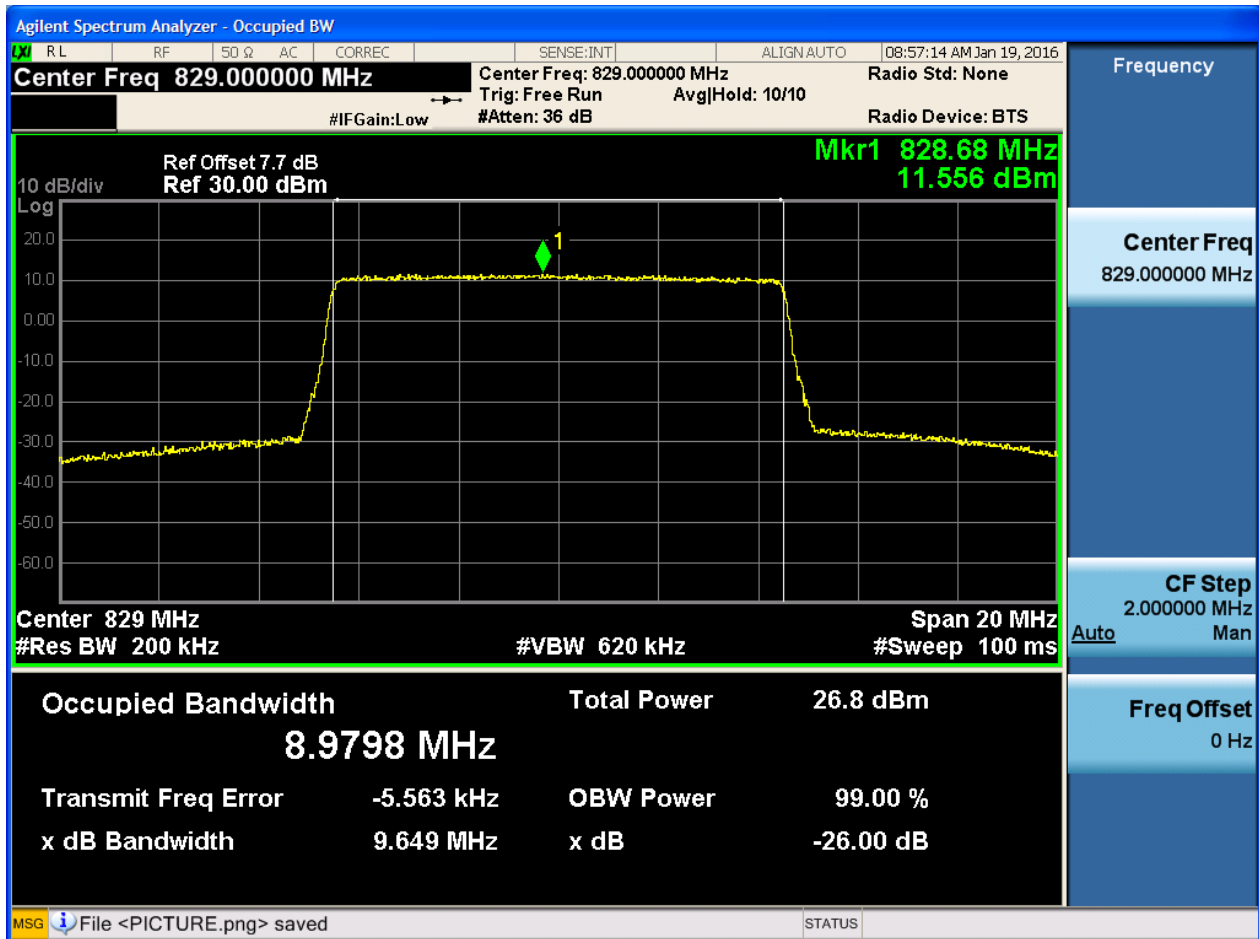




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

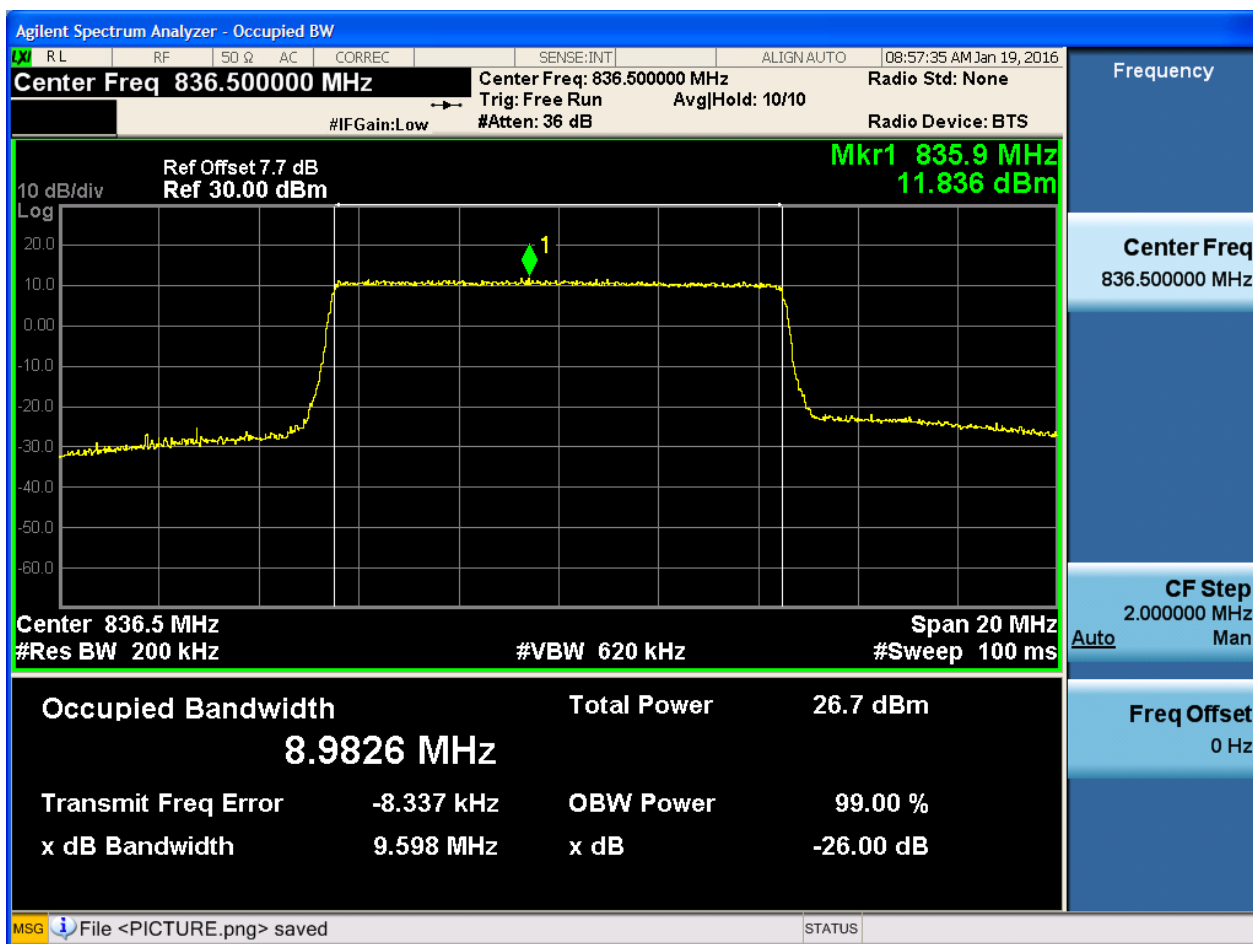
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

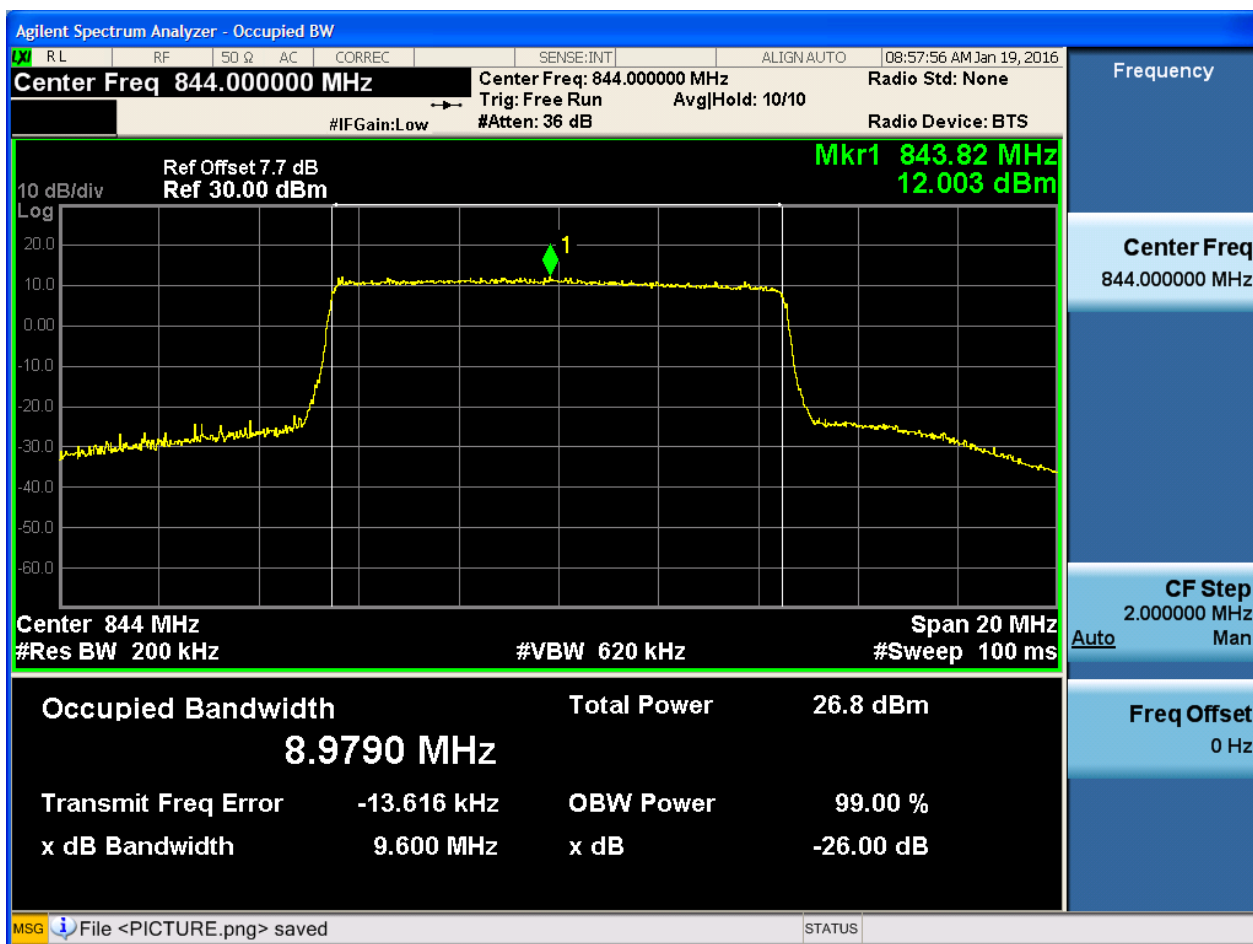
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

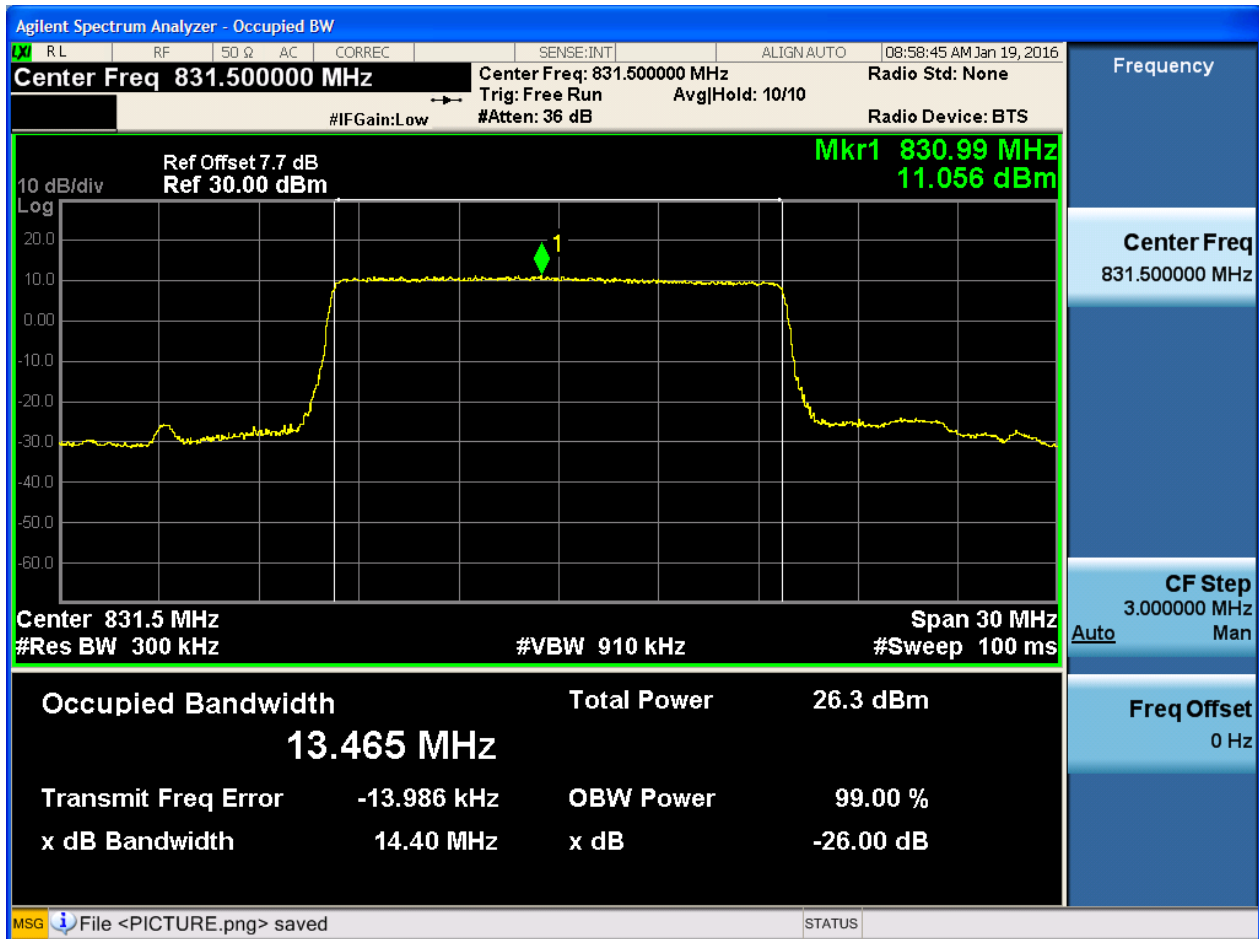




4.1.1.2.5 Test Bandwidth = 15

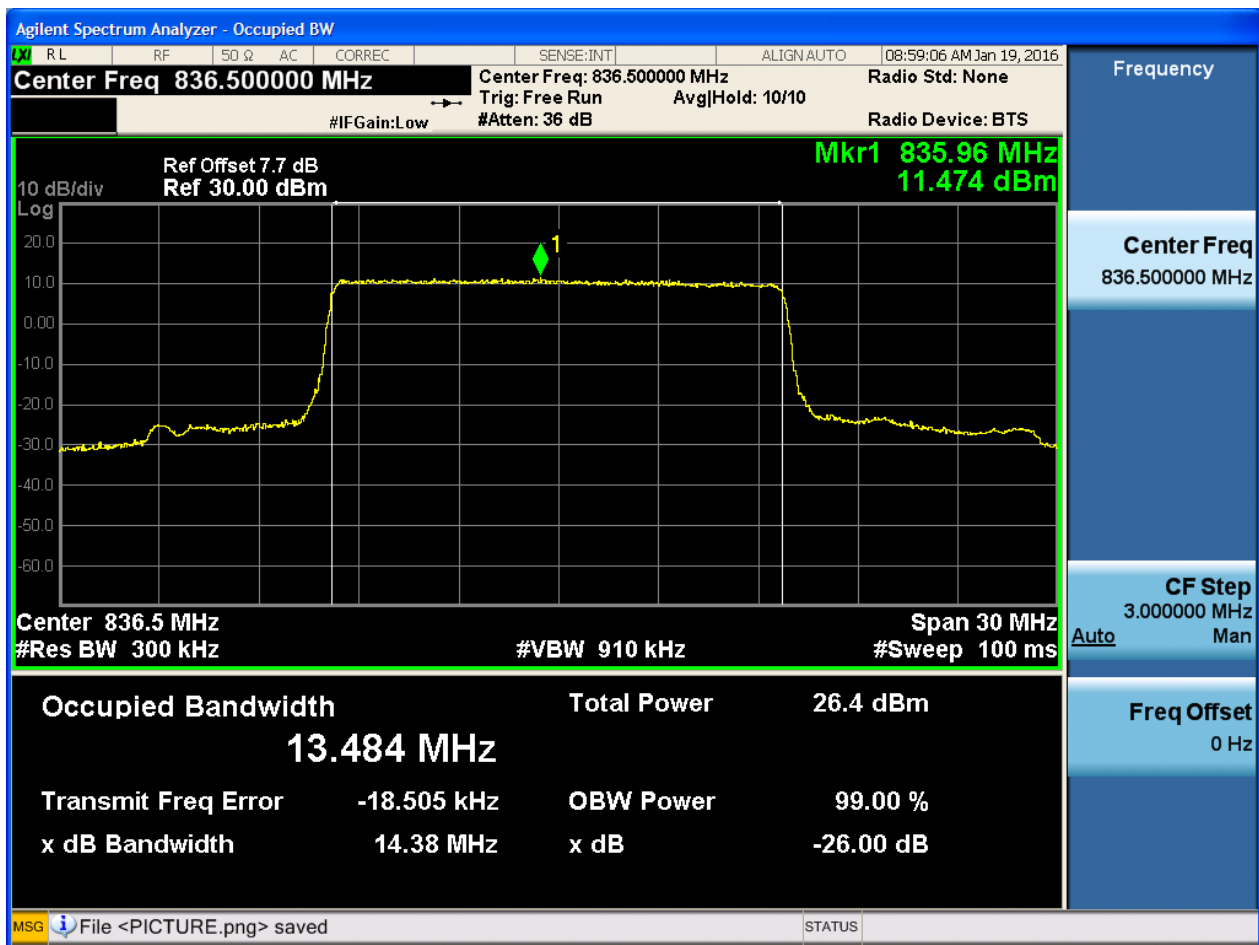
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



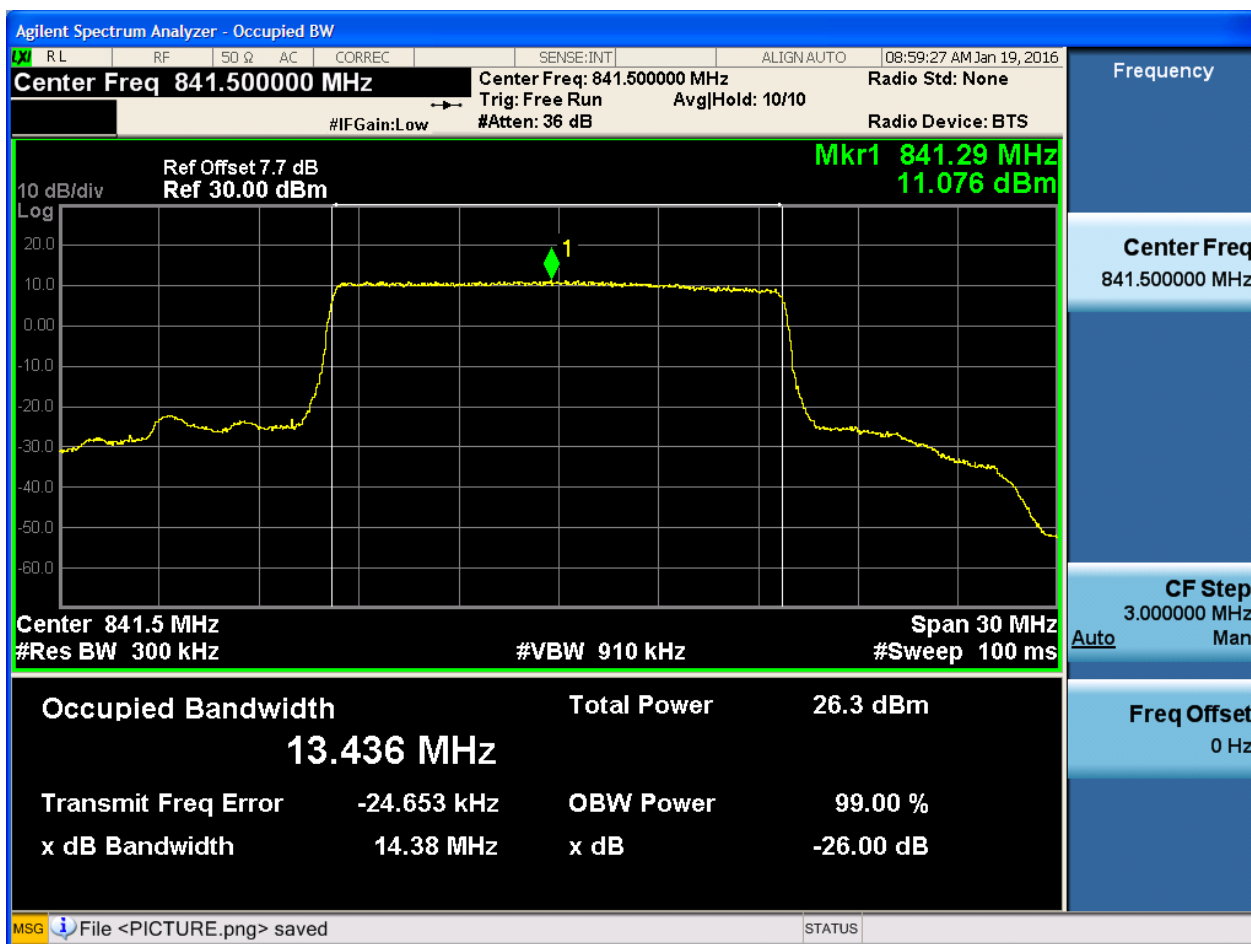
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

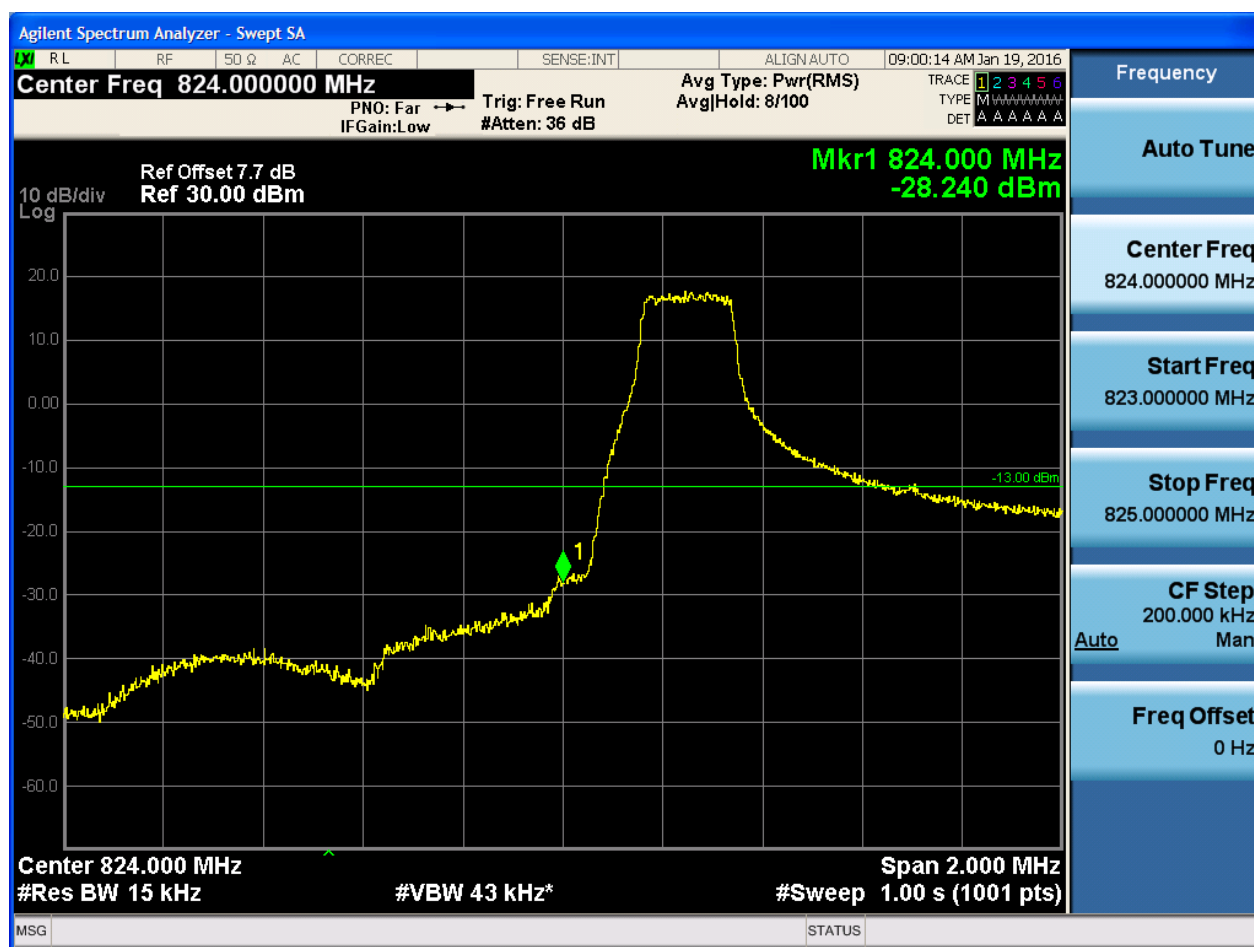
5.1.1 Test Band = BAND26

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



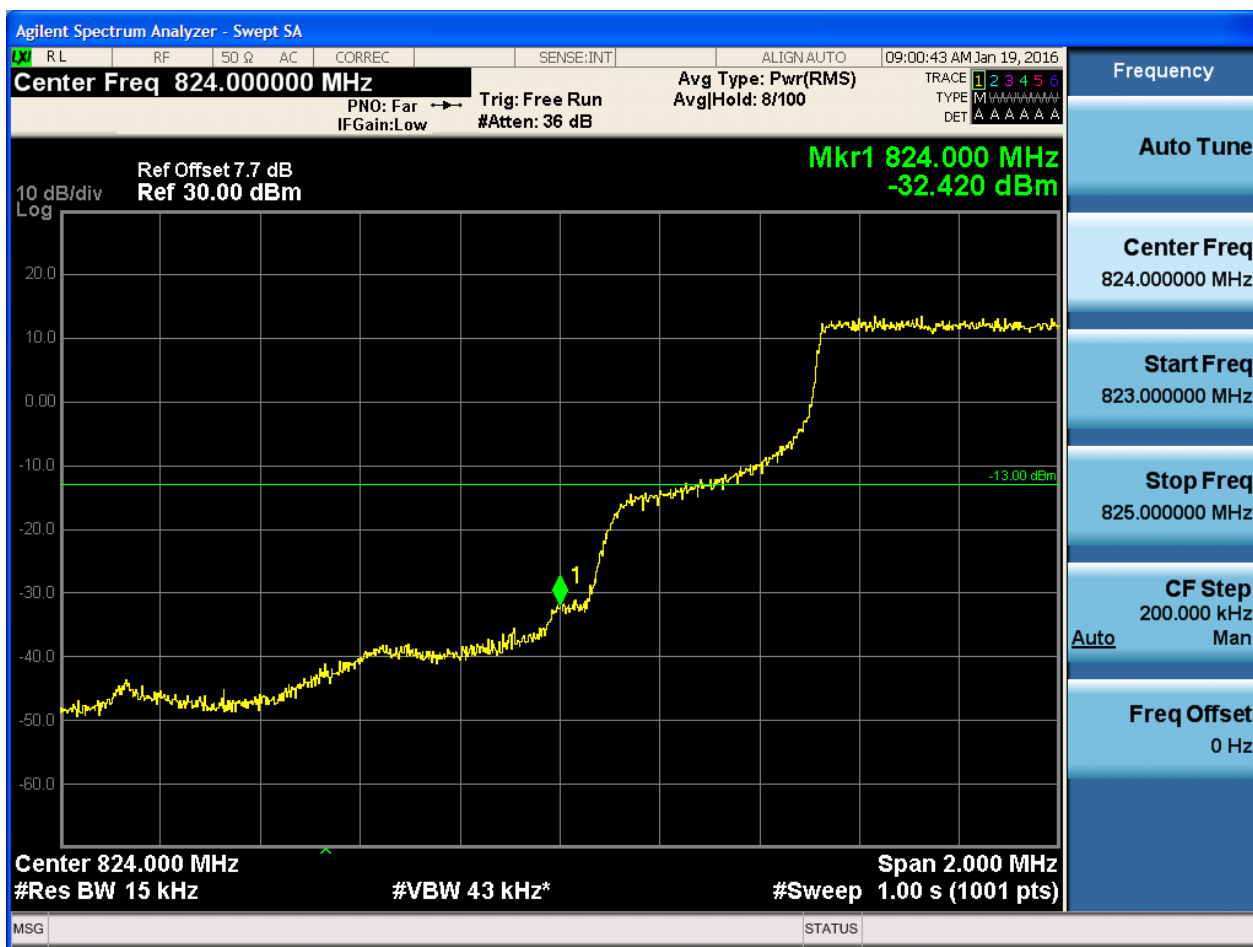


5.1.1.1.1.2 Test RB = RB1#5



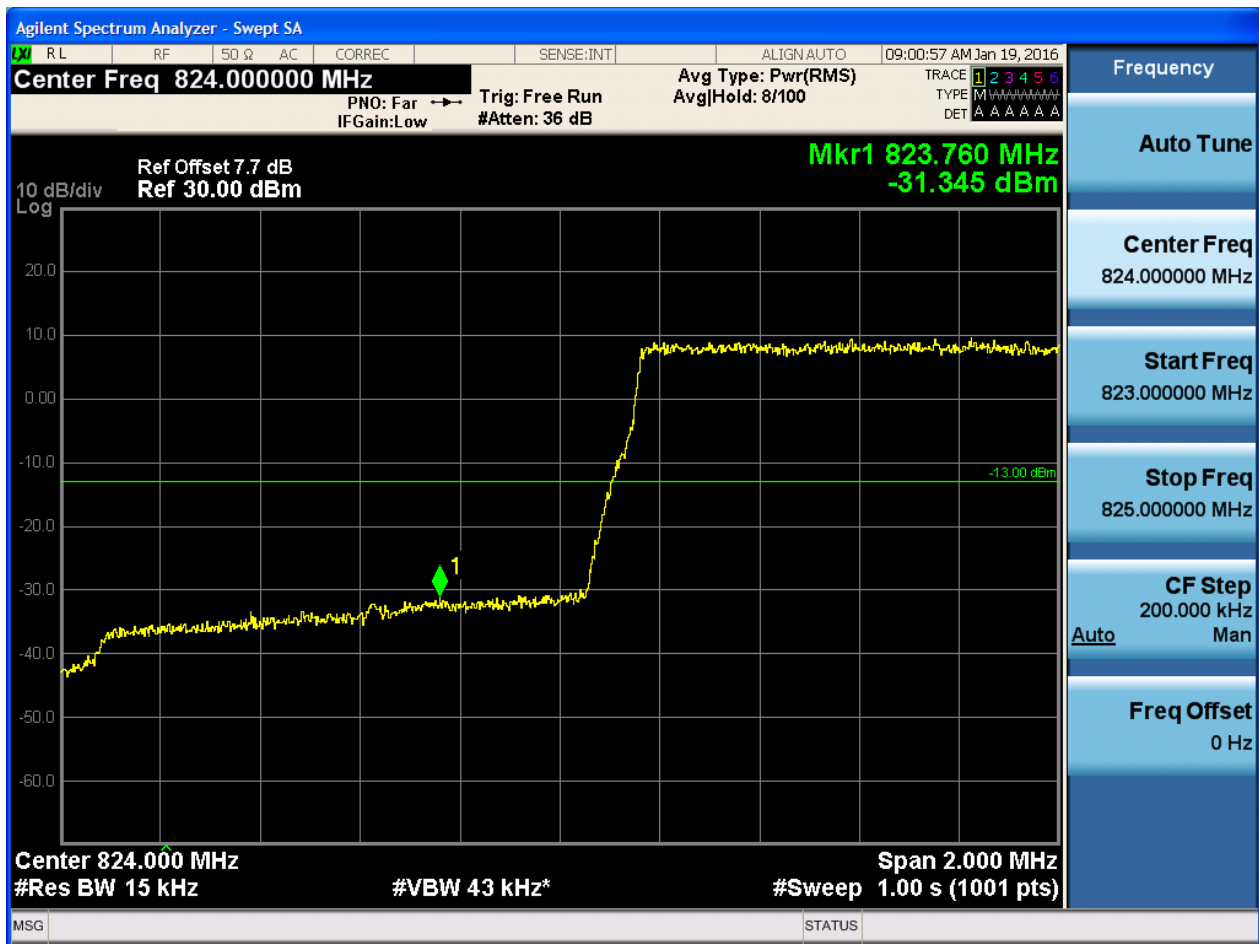


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0



5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.090 MHz
-23.469 dBm

Center 849.000 MHz
#Res BW 15 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

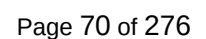


5.1.1.1.2.4 Test RB = RB6#0



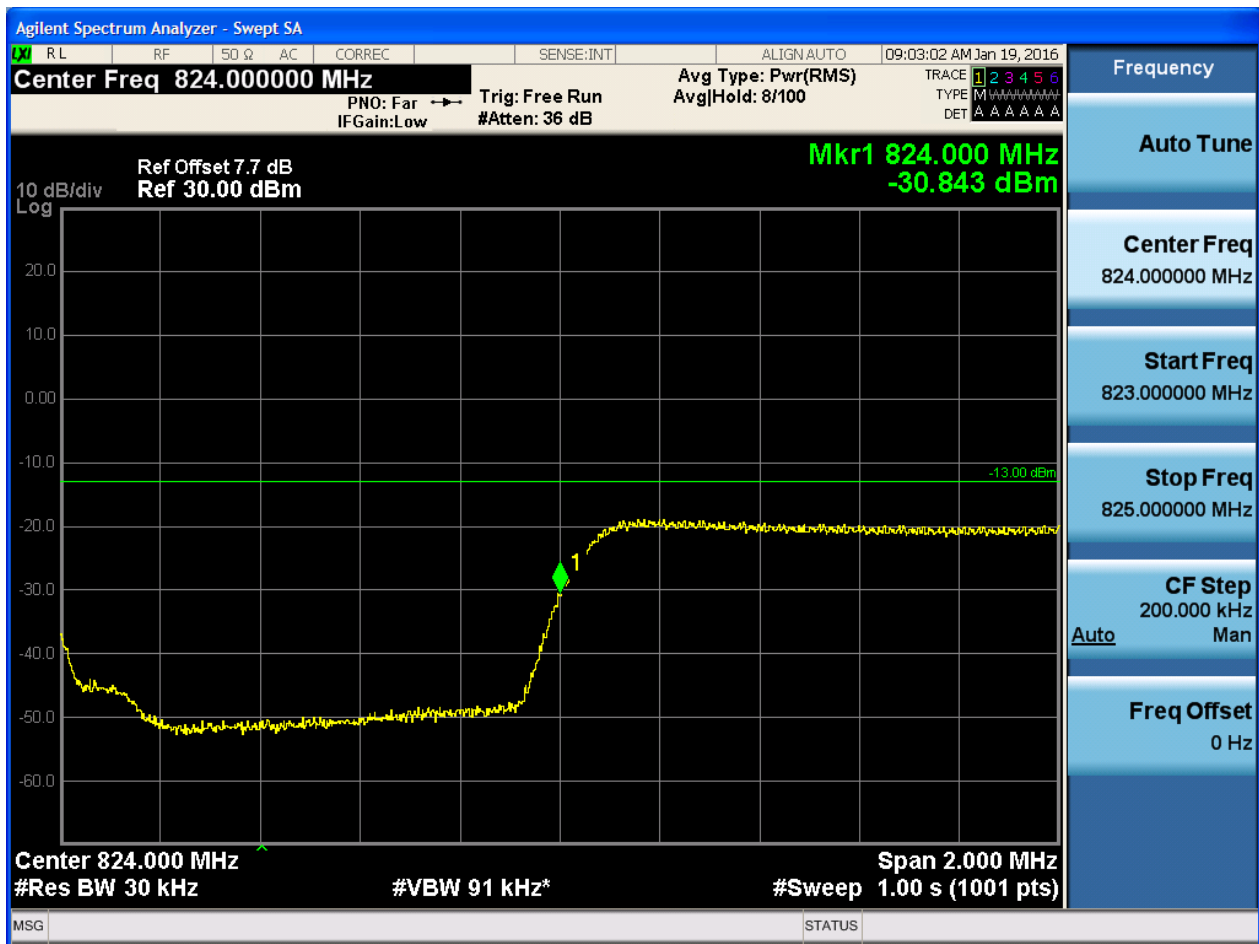


5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14





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
-27.531 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



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
-24.784 dBm

Center 824.000 MHz
#Res BW 30 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

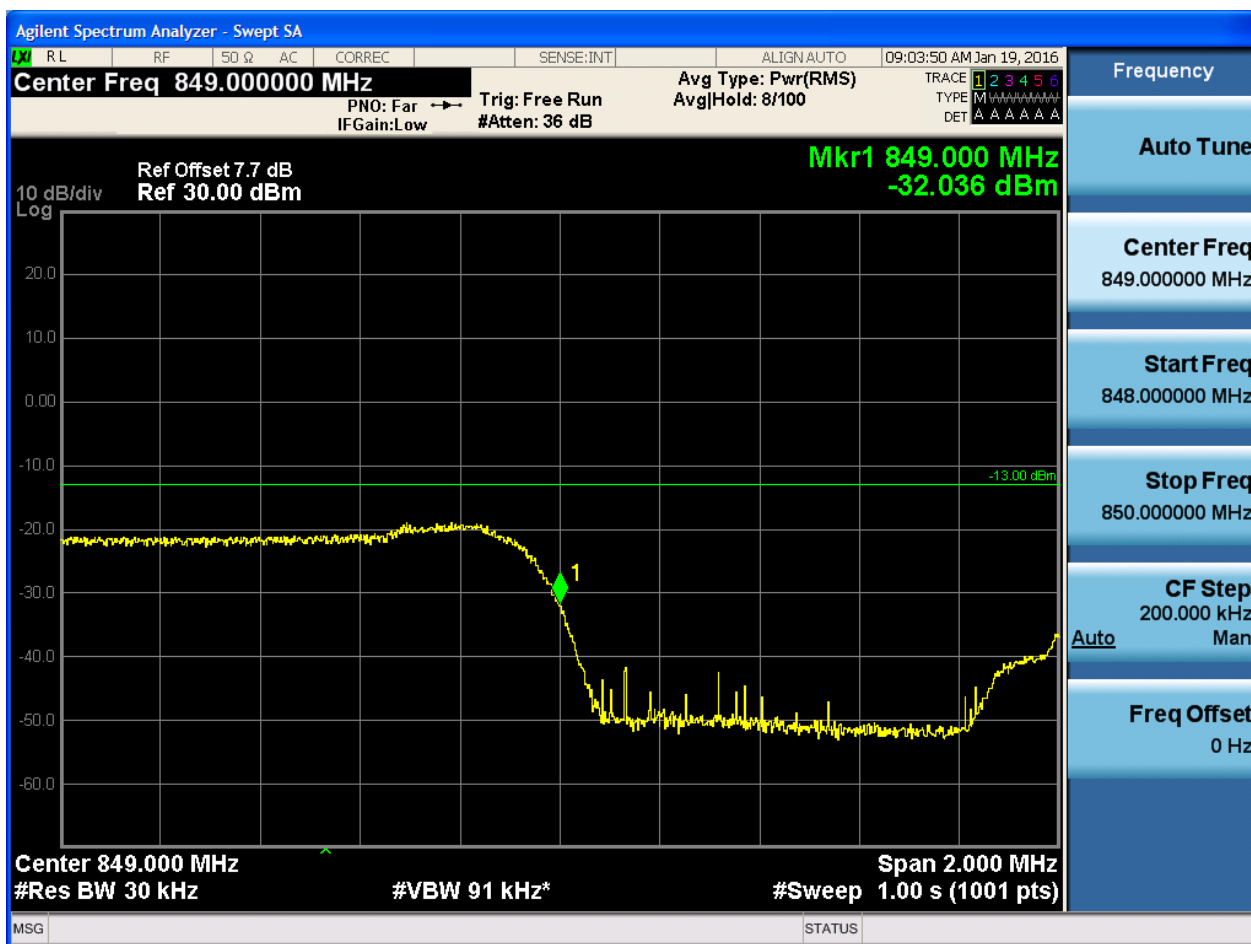
CF Step
200.000 kHz
Man

Freq Offset
0 Hz

The image shows a screenshot of an Agilent Spectrum Analyzer in swept mode. The main display is a log-linear plot of power spectral density (PSD) versus frequency. The y-axis is labeled '10 dB/div Log' and ranges from -60.0 to 20.0 dBm. The x-axis represents frequency, with a center frequency of 824.000 MHz and a span of 2.000 MHz. A yellow trace shows a signal that is flat at approximately -30 dBm from 823 MHz to 823.5 MHz, then rises sharply to about -13 dBm by 824.5 MHz, and remains flat thereafter. A green horizontal line is drawn at -13.00 dBm. A green marker '1' is placed on the rising edge of the signal. The top of the screen displays various settings: Center Freq 824.000000 MHz, Ref Offset 7.7 dB, Ref 30.00 dBm, Mkr1 824.000 MHz, -24.784 dBm, and other parameters like PNO, Trig, IF Gain, and Attenuation. The right side of the screen has a blue sidebar with buttons for 'Auto Tune', 'Center Freq', 'Start Freq', 'Stop Freq', 'CF Step', and 'Freq Offset'. The bottom of the screen shows 'Center 824.000 MHz', '#Res BW 30 kHz', 'Span 2.000 MHz', and '#Sweep 1.00 s (1001 pts)'.

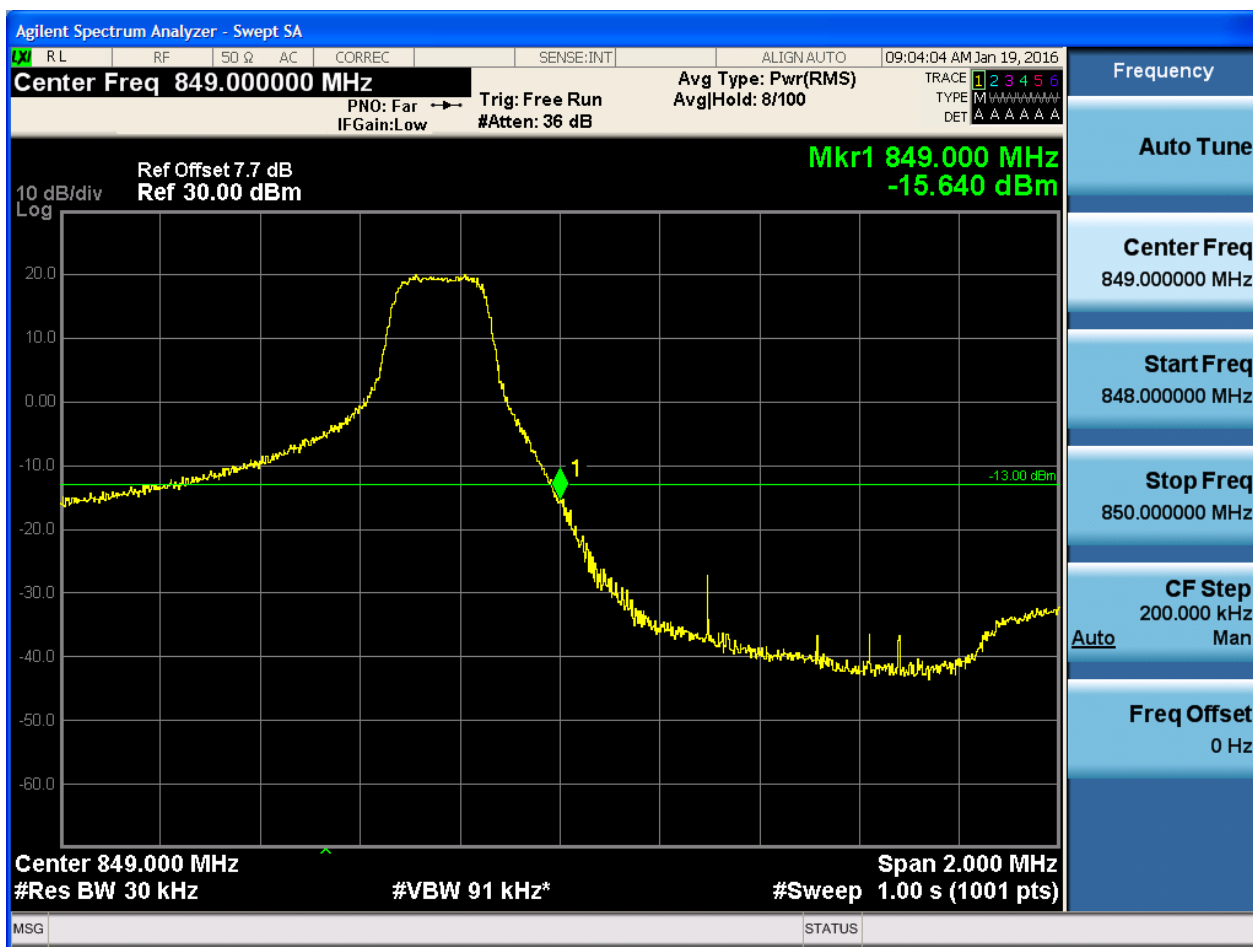
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14

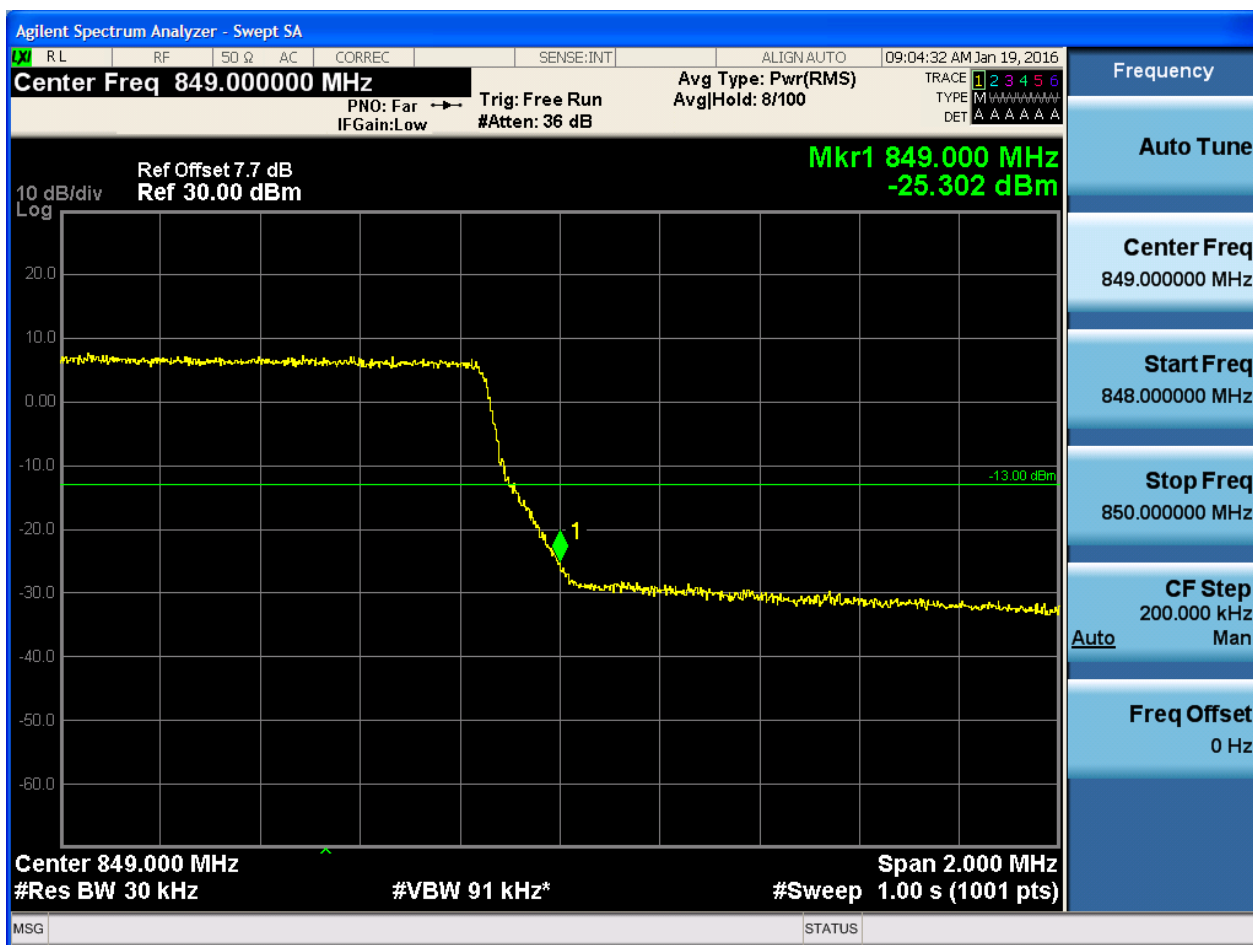


5.1.1.1.2.2.3 Test RB = RB8#4



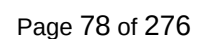


5.1.1.1.2.2.4 Test RB = RB15#0



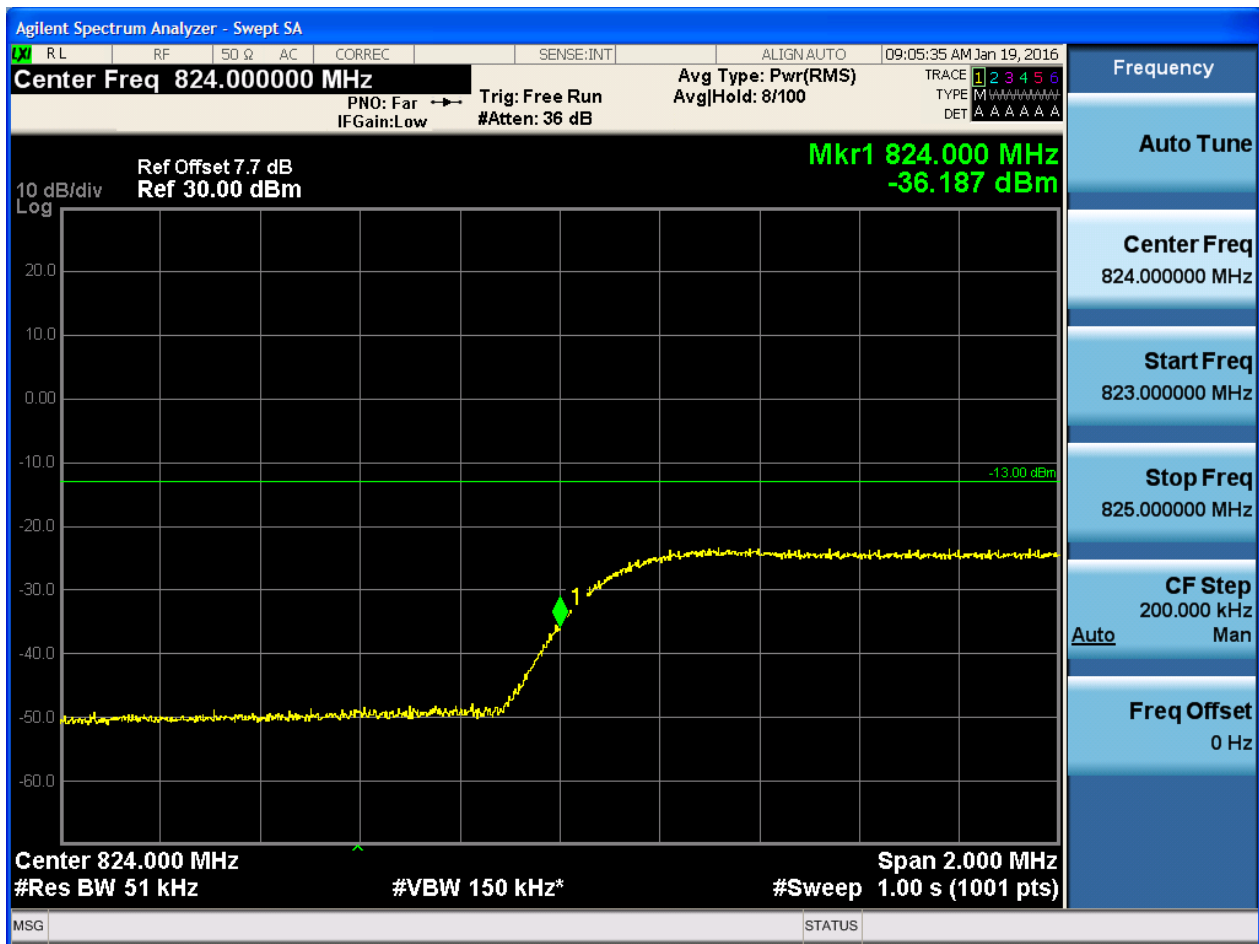


5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





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
-26.345 dBm

Center 824.000 MHz
#Res BW 51 kHz

#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

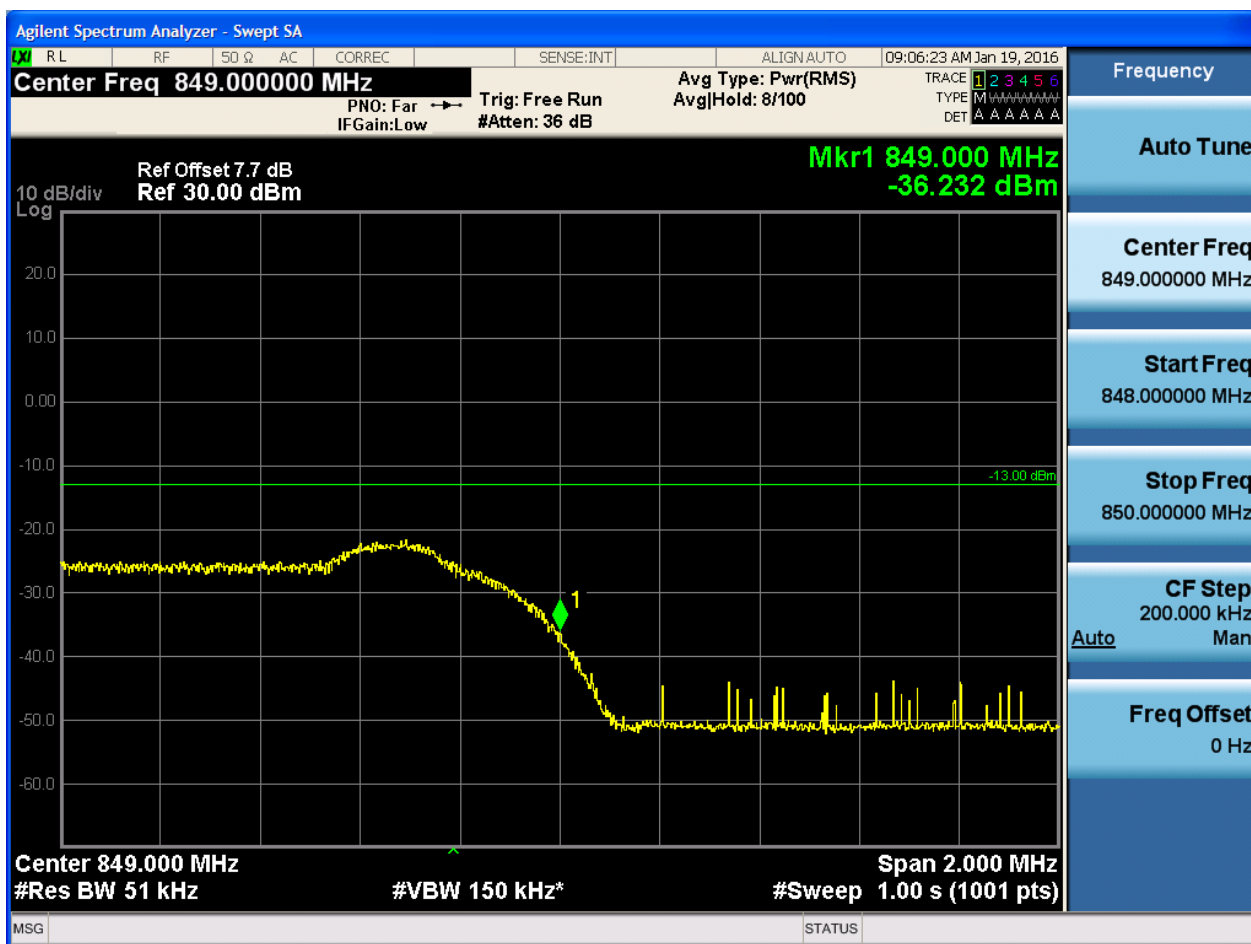
Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

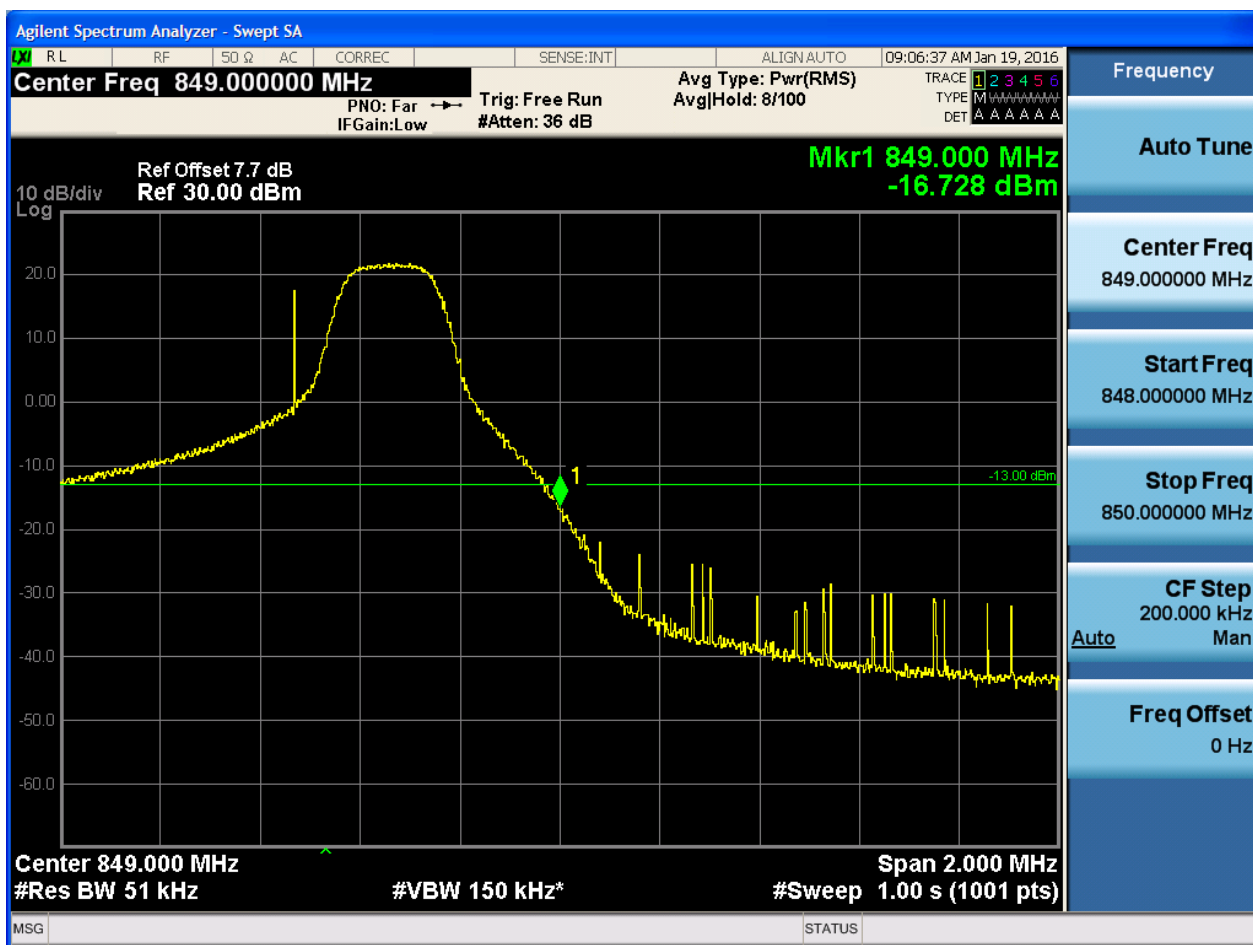
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6
PNO: Far Trig: Free Run Avg|Hold: 8/100 TYPE [M] [] [] [] [] []
IFGain:Low #Atten: 36 dB DET A A A A A A

Ref Offset 7.7 dB Mkr1 849.000 MHz
Ref 30.00 dBm -30.408 dBm

10 dB/div Log

Center 849.000 MHz Span 2.000 MHz
#Res BW 51 kHz #VBW 150 kHz* #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

Auto Man

Freq Offset 0 Hz

MSG STATUS



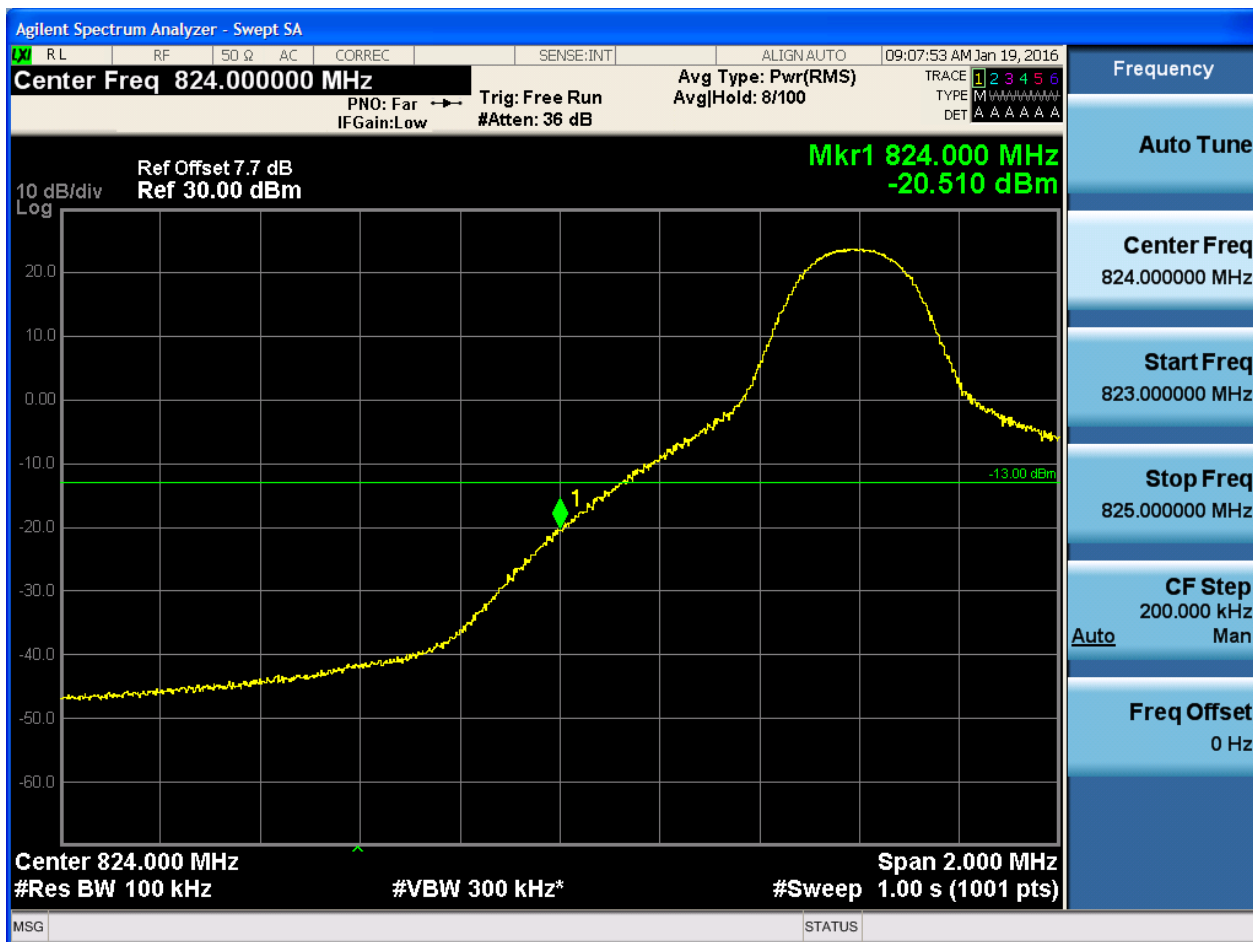
5.1.1.1.3.2.4 Test RB = RB25#0



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





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
-39.378 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

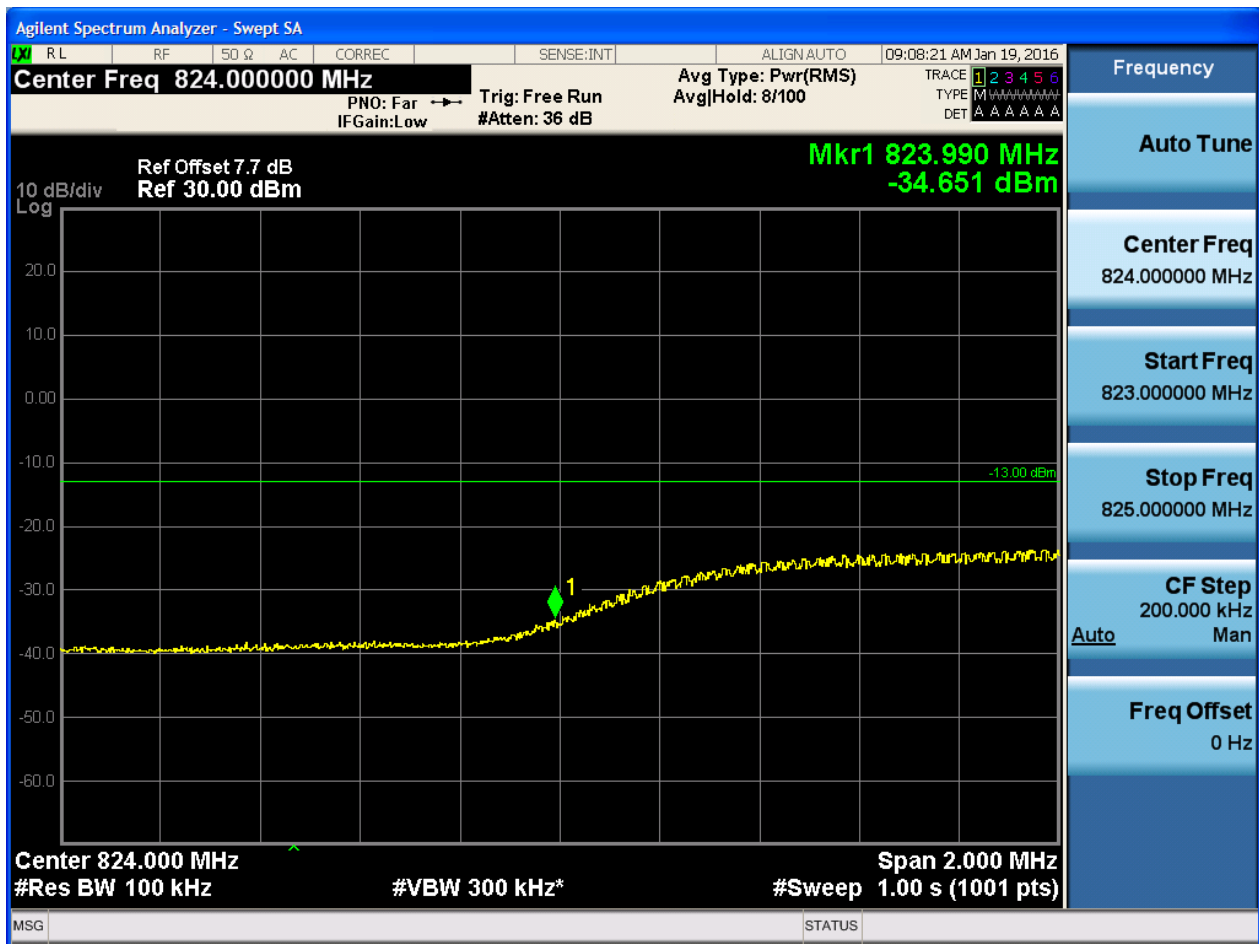
CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

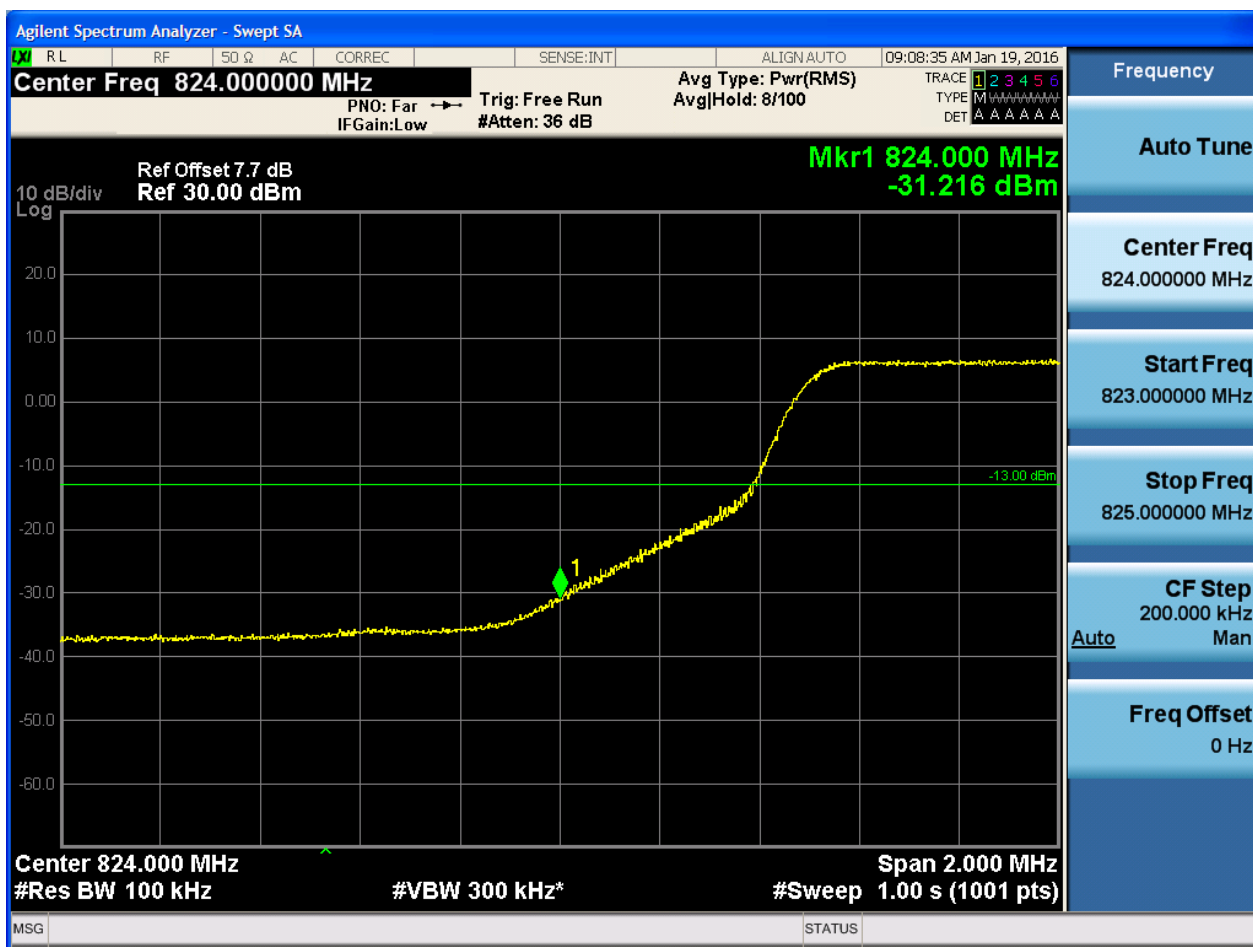


5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





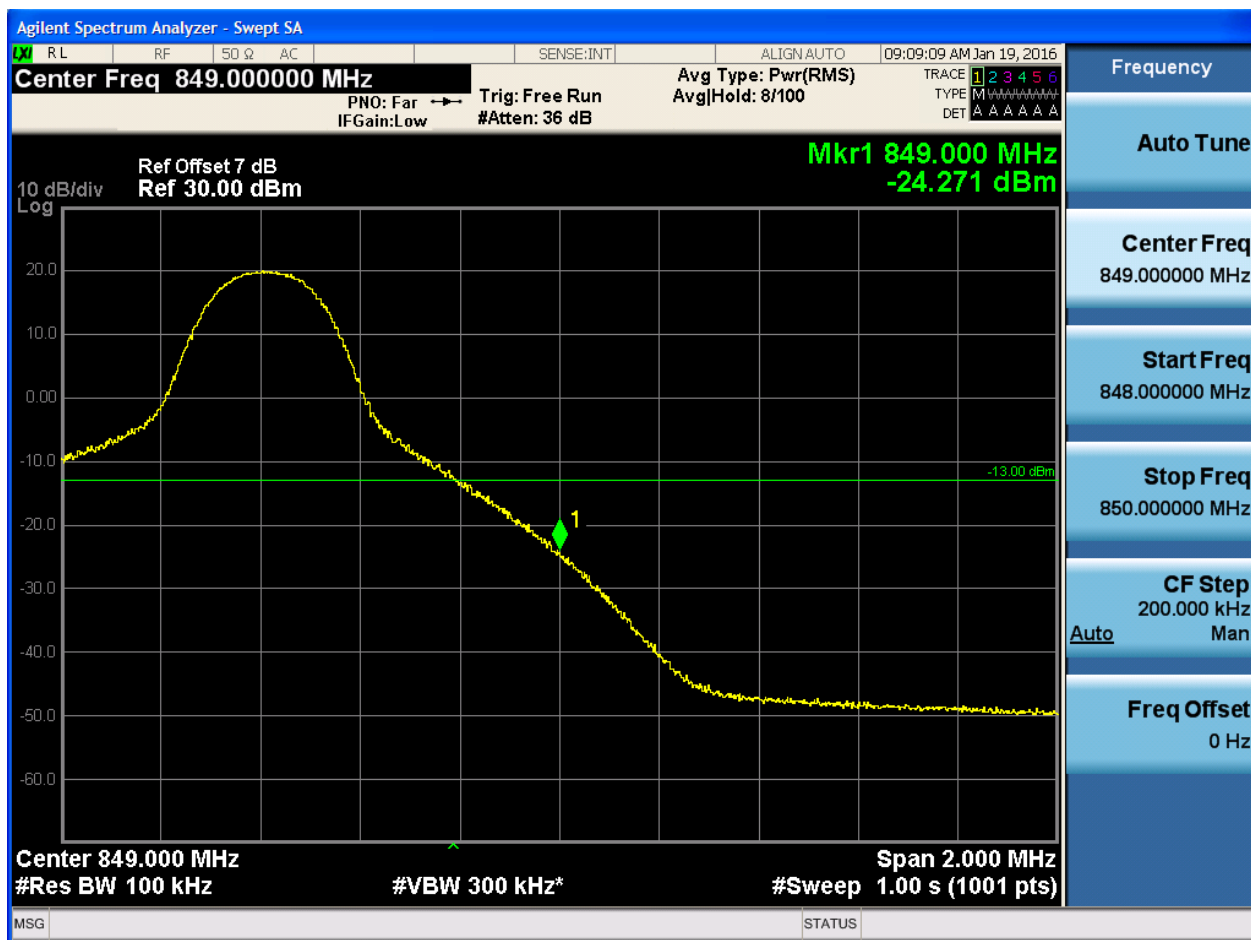
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





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
-30.748 dBm

Center 849.000 MHz
#Res BW 100 kHz
#VBW 300 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

Freq Offset
0 Hz



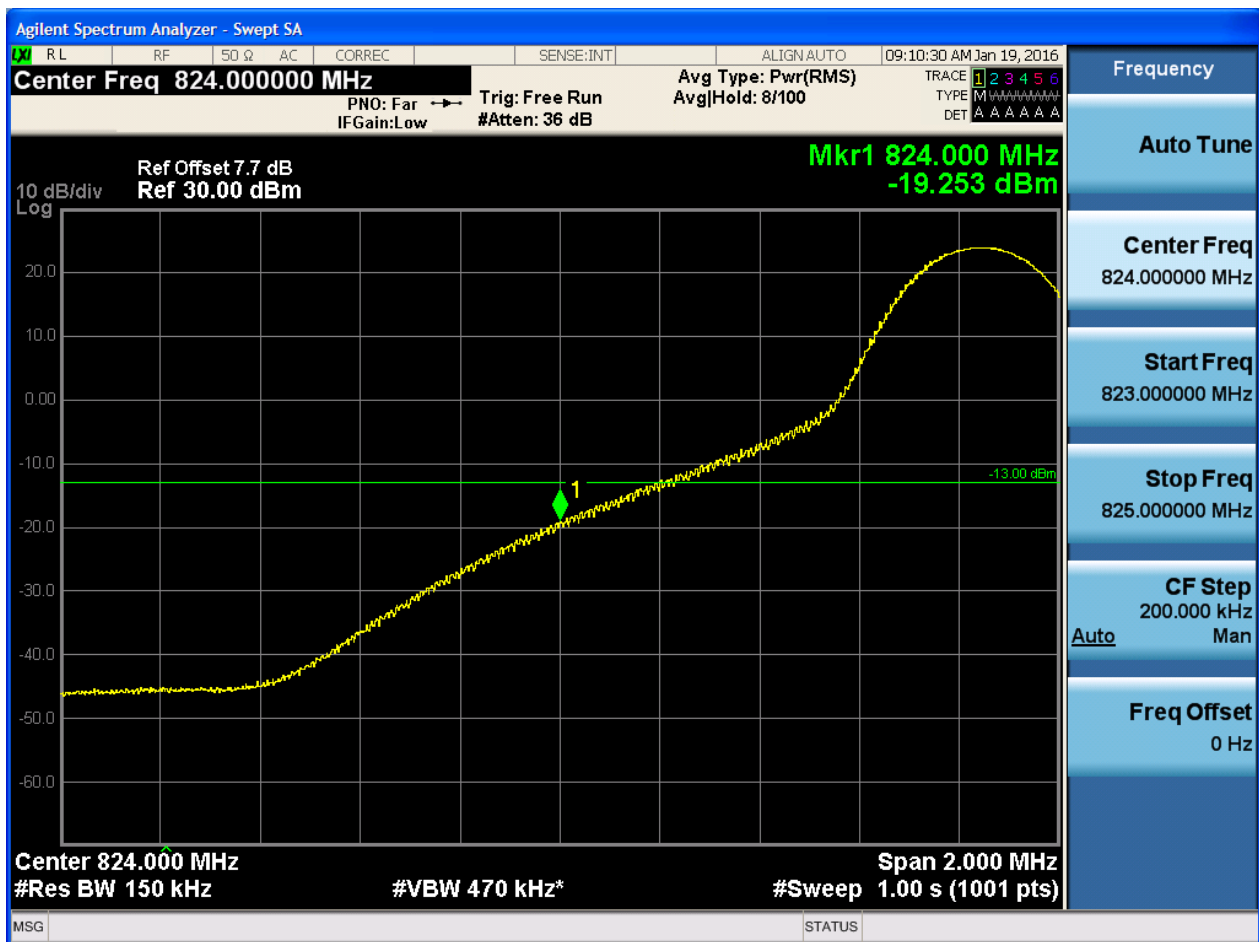
5.1.1.1.4.2.4 Test RB = RB50#0



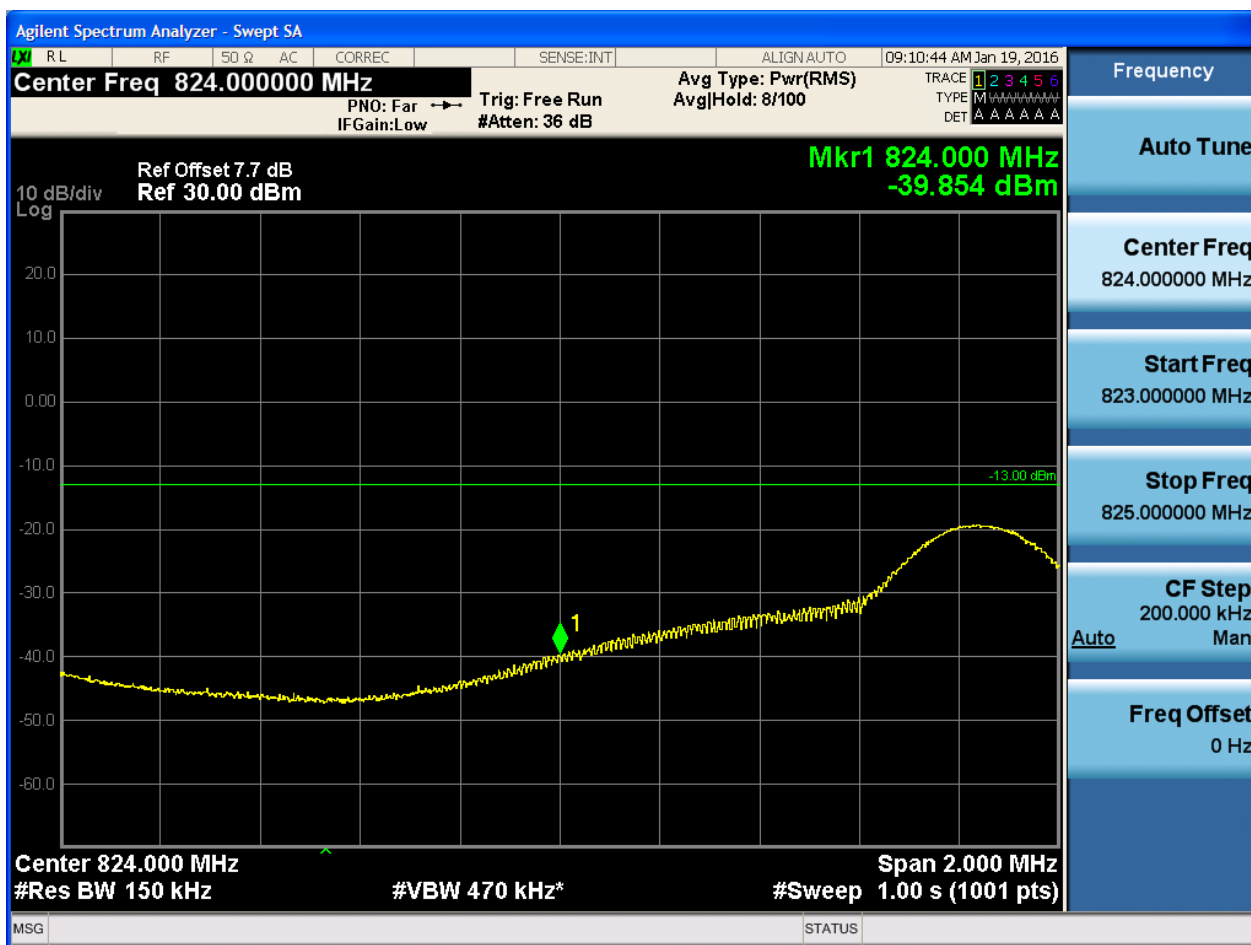
5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC CORREC SENSE:INT ALIGN: AUTO 09:11:13 AM Jan 19, 2016

Center Freq 824.000000 MHz Avg Type: Pwr(RMS) Avg|Hold: 8/100

PNO: Far Trig: Free Run
IFGain: Low #Atten: 36 dB

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

Ref Offset 7.7 dB
Ref 30.00 dBm

Mkr1 824.000 MHz
-29.189 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

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



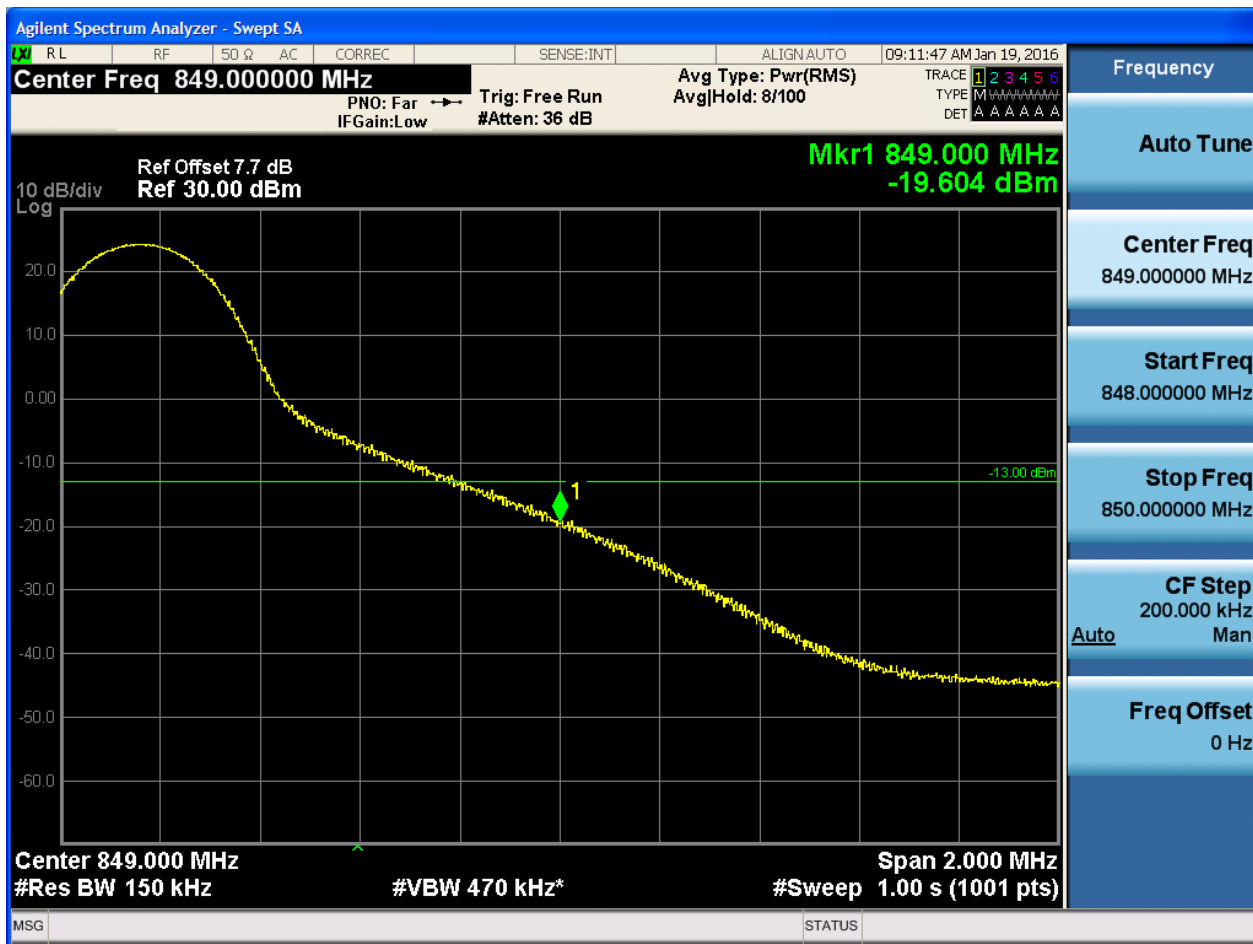
5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19

