



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
BAND12	LTE/TM1	1.4	LCH	RB1#0	22.82	17.57	34.7	PASS
				RB1#3	22.95	17.61	34.7	PASS
				RB1#5	22.86	17.55	34.7	PASS
				RB3#0	22.83	17.56	34.7	PASS
				RB3#2	22.89	17.71	34.7	PASS
				RB3#3	22.84	17.55	34.7	PASS
			MCH	RB6#0	21.79	16.61	34.7	PASS
				RB1#0	22.1	16.94	34.7	PASS
				RB1#3	22.28	17.03	34.7	PASS
				RB1#5	22.27	16.77	34.7	PASS
				RB3#0	22.18	16.97	34.7	PASS
				RB3#2	22.28	17.00	34.7	PASS
				RB3#3	22.26	16.98	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.17	15.71	34.7	PASS
			HCH	RB1#0	21.86	16.39	34.7	PASS
				RB1#3	21.65	16.14	34.7	PASS
				RB1#5	21.4	15.91	34.7	PASS
				RB3#0	21.79	16.33	34.7	PASS
				RB3#2	21.61	16.16	34.7	PASS
				RB3#3	21.53	16.36	34.7	PASS
				RB6#0	20.72	15.29	34.7	PASS
		3	LCH	RB1#0	22.73	17.39	34.7	PASS
				RB1#7	23.1	17.75	34.7	PASS
				RB1#14	22.59	17.40	34.7	PASS
				RB8#0	21.77	16.56	34.7	PASS
				RB8#4	21.74	16.33	34.7	PASS
				RB8#7	21.61	16.40	34.7	PASS
				RB15#0	21.5	16.15	34.7	PASS
			MCH	RB1#0	21.87	16.47	34.7	PASS
				RB1#7	22.31	16.96	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.36	17.00	34.7	PASS
				RB8#0	20.99	15.70	34.7	PASS
				RB8#4	21.14	15.92	34.7	PASS
				RB8#7	21.2	15.82	34.7	PASS
				RB15#0	21.08	15.69	34.7	PASS
			HCH	RB1#0	22.17	16.76	34.7	PASS
				RB1#7	21.79	16.37	34.7	PASS
				RB1#14	21.02	15.58	34.7	PASS
				RB8#0	20.96	15.41	34.7	PASS
				RB8#4	20.68	15.45	34.7	PASS
				RB8#7	20.37	15.11	34.7	PASS
				RB15#0	20.66	15.23	34.7	PASS
		5	LCH	RB1#0	22.63	17.41	34.7	PASS
				RB1#13	22.79	17.52	34.7	PASS
				RB1#24	22.22	16.82	34.7	PASS
				RB12#0	21.6	16.24	34.7	PASS
				RB12#6	21.68	16.19	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.43	15.95	34.7	PASS
				RB25#0	21.44	16.24	34.7	PASS
			MCH	RB1#0	21.82	16.42	34.7	PASS
				RB1#13	22.32	16.89	34.7	PASS
				RB1#24	22.41	16.97	34.7	PASS
				RB12#0	20.91	15.55	34.7	PASS
				RB12#6	21.16	15.63	34.7	PASS
				RB12#13	21.48	16.29	34.7	PASS
				RB25#0	21.18	15.89	34.7	PASS
			HCH	RB1#0	22.53	16.98	34.7	PASS
				RB1#13	22.31	16.91	34.7	PASS
				RB1#24	21.13	15.92	34.7	PASS
				RB12#0	21.43	16.27	34.7	PASS
				RB12#6	21.29	15.77	34.7	PASS
				RB12#13	20.71	15.56	34.7	PASS
				RB25#0	21.01	15.75	34.7	PASS
		10	LCH	RB1#0	22.49	17.09	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.59	17.38	34.7	PASS
				RB1#49	22.5	16.98	34.7	PASS
				RB25#0	21.5	16.11	34.7	PASS
				RB25#13	21.32	15.91	34.7	PASS
				RB25#25	21.3	15.86	34.7	PASS
				RB50#0	21.38	15.95	34.7	PASS
			MCH	RB1#0	21.86	16.63	34.7	PASS
				RB1#25	22.37	17.02	34.7	PASS
				RB1#49	22.45	17.14	34.7	PASS
				RB25#0	20.88	15.63	34.7	PASS
				RB25#13	21.18	15.67	34.7	PASS
				RB25#25	21.27	15.83	34.7	PASS
				RB50#0	21.07	15.87	34.7	PASS
			HCH	RB1#0	21.58	16.33	34.7	PASS
				RB1#25	22.68	17.36	34.7	PASS
				RB1#49	21.06	15.74	34.7	PASS
				RB25#0	20.95	15.60	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.26	15.98	34.7	PASS
				RB25#25	20.91	15.61	34.7	PASS
				RB50#0	20.94	15.72	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.93	16.39	34.7	PASS
				RB1#3	21.92	16.69	34.7	PASS
				RB1#5	21.83	16.50	34.7	PASS
				RB3#0	21.96	16.71	34.7	PASS
				RB3#2	21.98	16.79	34.7	PASS
				RB3#3	22.01	16.68	34.7	PASS
				RB6#0	20.82	15.55	34.7	PASS
			MCH	RB1#0	21.02	15.80	34.7	PASS
				RB1#3	21.35	16.15	34.7	PASS
				RB1#5	21.2	15.74	34.7	PASS
				RB3#0	21.06	15.89	34.7	PASS
				RB3#2	21.16	15.66	34.7	PASS
				RB3#3	21.17	15.80	34.7	PASS
				RB6#0	20.49	15.02	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	20.97	15.56	34.7	PASS
				RB1#3	20.81	15.40	34.7	PASS
				RB1#5	20.54	15.20	34.7	PASS
				RB3#0	20.79	15.43	34.7	PASS
				RB3#2	20.63	15.32	34.7	PASS
				RB3#3	20.69	15.29	34.7	PASS
				RB6#0	19.95	14.62	34.7	PASS
		3	LCH	RB1#0	21.89	16.66	34.7	PASS
				RB1#7	22.07	16.79	34.7	PASS
				RB1#14	21.53	16.03	34.7	PASS
				RB8#0	20.65	15.27	34.7	PASS
				RB8#4	20.75	15.28	34.7	PASS
				RB8#7	20.63	15.14	34.7	PASS
				RB15#0	20.5	15.24	34.7	PASS
			MCH	RB1#0	20.92	15.66	34.7	PASS
				RB1#7	21.18	15.70	34.7	PASS
				RB1#14	21.55	16.04	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.36	15.15	34.7	PASS
				RB8#4	20.44	14.97	34.7	PASS
				RB8#7	20.5	15.25	34.7	PASS
				RB15#0	20.41	15.11	34.7	PASS
			HCH	RB1#0	21.19	15.96	34.7	PASS
				RB1#7	20.85	15.57	34.7	PASS
				RB1#14	20.01	14.60	34.7	PASS
				RB8#0	20.49	15.14	34.7	PASS
				RB8#4	20.15	14.68	34.7	PASS
				RB8#7	19.92	14.45	34.7	PASS
				RB15#0	20.2	14.71	34.7	PASS
		5	LCH	RB1#0	21.88	16.65	34.7	PASS
				RB1#13	21.82	16.39	34.7	PASS
				RB1#24	21.29	15.80	34.7	PASS
				RB12#0	20.69	15.48	34.7	PASS
				RB12#6	20.85	15.35	34.7	PASS
				RB12#13	20.7	15.32	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.59	15.37	34.7	PASS
			MCH	RB1#0	20.8	15.41	34.7	PASS
				RB1#13	21.23	15.78	34.7	PASS
				RB1#24	21.43	15.98	34.7	PASS
				RB12#0	20.15	14.83	34.7	PASS
				RB12#6	20.35	14.97	34.7	PASS
				RB12#13	20.48	15.02	34.7	PASS
				RB25#0	20.37	14.89	34.7	PASS
			HCH	RB1#0	21.59	16.12	34.7	PASS
				RB1#13	21.21	16.04	34.7	PASS
				RB1#24	20.12	14.69	34.7	PASS
				RB12#0	20.59	15.22	34.7	PASS
				RB12#6	20.53	15.27	34.7	PASS
				RB12#13	20.01	14.72	34.7	PASS
				RB25#0	20.22	14.88	34.7	PASS
		10	LCH	RB1#0	21.61	16.29	34.7	PASS
				RB1#25	21.46	16.04	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.34	16.19	34.7	PASS
				RB25#0	20.58	15.15	34.7	PASS
				RB25#13	20.61	15.42	34.7	PASS
				RB25#25	20.47	14.93	34.7	PASS
				RB50#0	20.47	15.05	34.7	PASS
			MCH	RB1#0	20.77	15.32	34.7	PASS
				RB1#25	21.21	15.82	34.7	PASS
				RB1#49	21.3	16.08	34.7	PASS
				RB25#0	20.13	14.76	34.7	PASS
				RB25#13	20.39	14.87	34.7	PASS
				RB25#25	20.34	15.06	34.7	PASS
				RB50#0	20.22	15.02	34.7	PASS
			HCH	RB1#0	20.43	15.22	34.7	PASS
				RB1#25	21.53	16.11	34.7	PASS
				RB1#49	19.94	14.52	34.7	PASS
				RB25#0	20.12	14.74	34.7	PASS
				RB25#13	20.38	15.05	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.08	14.89	34.7	PASS
				RB50#0	20.07	14.55	34.7	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
BAND12	LTE/TM1	1.4	LCH	RB1#0	5.07	13	PASS
				RB1#3	5.08	13	PASS
				RB1#5	4.84	13	PASS
				RB3#0	5.71	13	PASS
				RB3#2	5.86	13	PASS
				RB3#3	5.93	13	PASS
				RB6#0	5.63	13	PASS
			MCH	RB1#0	4.89	13	PASS
				RB1#3	4.4	13	PASS
				RB1#5	4.47	13	PASS
				RB3#0	5.51	13	PASS
				RB3#2	5.67	13	PASS
				RB3#3	5.52	13	PASS
				RB6#0	5.53	13	PASS
			HCH	RB1#0	4.09	13	PASS
				RB1#3	4.2	13	PASS
				RB1#5	4.66	13	PASS
				RB3#0	5.15	13	PASS
				RB3#2	5	13	PASS
				RB3#3	4.94	13	PASS
				RB6#0	5.38	13	PASS
		3	LCH	RB1#0	5.44	13	PASS
				RB1#7	4.94	13	PASS
				RB1#14	5	13	PASS
				RB8#0	5.72	13	PASS
				RB8#4	5.43	13	PASS
				RB8#7	5.45	13	PASS
				RB15#0	5.56	13	PASS
			MCH	RB1#0	4.11	13	PASS
				RB1#7	4.12	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.33	13	PASS
				RB8#0	5.18	13	PASS
				RB8#4	5.06	13	PASS
				RB8#7	5.23	13	PASS
				RB15#0	5.16	13	PASS
			HCH	RB1#0	4.59	13	PASS
				RB1#7	4.41	13	PASS
				RB1#14	4.56	13	PASS
				RB8#0	5.17	13	PASS
				RB8#4	5.01	13	PASS
				RB8#7	5.2	13	PASS
				RB15#0	5.27	13	PASS
		5	LCH	RB1#0	5.42	13	PASS
				RB1#13	5	13	PASS
				RB1#24	4.85	13	PASS
				RB12#0	5.51	13	PASS
				RB12#6	5.31	13	PASS
				RB12#13	5.29	13	PASS
				RB25#0	5.75	13	PASS
			MCH	RB1#0	4.94	13	PASS
				RB1#13	5.02	13	PASS
				RB1#24	5.27	13	PASS
				RB12#0	5.2	13	PASS
				RB12#6	5.11	13	PASS
				RB12#13	5.44	13	PASS
				RB25#0	5.84	13	PASS
			HCH	RB1#0	4.96	13	PASS
				RB1#13	4.72	13	PASS
				RB1#24	4.69	13	PASS
				RB12#0	5.2	13	PASS
				RB12#6	4.89	13	PASS
				RB12#13	5.05	13	PASS
				RB25#0	5.21	13	PASS
		10	LCH	RB1#0	5.55	13	PASS
				RB1#25	4.7	13	PASS
				RB1#49	5.07	13	PASS
				RB25#0	5.54	13	PASS
				RB25#13	5.35	13	PASS
				RB25#25	5.59	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.78	13	PASS
			MCH	RB1#0	4.53	13	PASS
				RB1#25	4.49	13	PASS
				RB1#49	4.88	13	PASS
				RB25#0	5.56	13	PASS
				RB25#13	5.49	13	PASS
				RB25#25	5.71	13	PASS
				RB50#0	5.65	13	PASS
			HCH	RB1#0	4.15	13	PASS
				RB1#25	4.32	13	PASS
				RB1#49	4.23	13	PASS
				RB25#0	5.5	13	PASS
				RB25#13	5.21	13	PASS
				RB25#25	5.27	13	PASS
				RB50#0	5.2	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.77	13	PASS
				RB1#3	5.8	13	PASS
				RB1#5	5.74	13	PASS
				RB3#0	6.56	13	PASS
				RB3#2	6.01	13	PASS
				RB3#3	6.51	13	PASS
				RB6#0	6.34	13	PASS
			MCH	RB1#0	5.42	13	PASS
				RB1#3	5.41	13	PASS
				RB1#5	5.49	13	PASS
				RB3#0	5.72	13	PASS
				RB3#2	5.76	13	PASS
				RB3#3	6.17	13	PASS
				RB6#0	6.58	13	PASS
			HCH	RB1#0	5.22	13	PASS
				RB1#3	5.22	13	PASS
				RB1#5	5.51	13	PASS
				RB3#0	5.62	13	PASS
				RB3#2	5.32	13	PASS
				RB3#3	5.44	13	PASS
				RB6#0	6.2	13	PASS
		3	LCH	RB1#0	6.24	13	PASS
				RB1#7	5.96	13	PASS
				RB1#14	5.99	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6.5	13	PASS
				RB8#4	6.47	13	PASS
				RB8#7	6.55	13	PASS
				RB15#0	6.43	13	PASS
			MCH	RB1#0	6.11	13	PASS
				RB1#7	6.07	13	PASS
				RB1#14	5.73	13	PASS
				RB8#0	6.07	13	PASS
				RB8#4	6.1	13	PASS
				RB8#7	6.11	13	PASS
				RB15#0	6.3	13	PASS
			HCH	RB1#0	5.34	13	PASS
				RB1#7	5.12	13	PASS
				RB1#14	5.27	13	PASS
				RB8#0	6.05	13	PASS
				RB8#4	5.86	13	PASS
				RB8#7	5.98	13	PASS
				RB15#0	5.78	13	PASS
		5	LCH	RB1#0	6.28	13	PASS
				RB1#13	5.94	13	PASS
				RB1#24	5.73	13	PASS
				RB12#0	7.01	13	PASS
				RB12#6	6.81	13	PASS
				RB12#13	6.86	13	PASS
				RB25#0	6.68	13	PASS
			MCH	RB1#0	5.63	13	PASS
				RB1#13	5.73	13	PASS
				RB1#24	6.04	13	PASS
				RB12#0	6.22	13	PASS
				RB12#6	6.26	13	PASS
				RB12#13	6.44	13	PASS
				RB25#0	6.62	13	PASS
			HCH	RB1#0	5.77	13	PASS
				RB1#13	5.42	13	PASS
				RB1#24	5.45	13	PASS
				RB12#0	6.23	13	PASS
				RB12#6	6.05	13	PASS
				RB12#13	6.04	13	PASS
				RB25#0	6.22	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	6.51	13	PASS
				RB1#25	5.9	13	PASS
				RB1#49	6.05	13	PASS
				RB25#0	6.7	13	PASS
				RB25#13	6.58	13	PASS
				RB25#25	6.75	13	PASS
				RB50#0	6.94	13	PASS
			MCH	RB1#0	5.05	13	PASS
				RB1#25	5.15	13	PASS
				RB1#49	5.28	13	PASS
				RB25#0	6.29	13	PASS
				RB25#13	6.3	13	PASS
				RB25#25	6.6	13	PASS
				RB50#0	6.76	13	PASS
			HCH	RB1#0	5.21	13	PASS
				RB1#25	5.47	13	PASS
				RB1#49	5.23	13	PASS
				RB25#0	6.41	13	PASS
				RB25#13	6.33	13	PASS
				RB25#25	6.29	13	PASS
				RB50#0	6.53	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

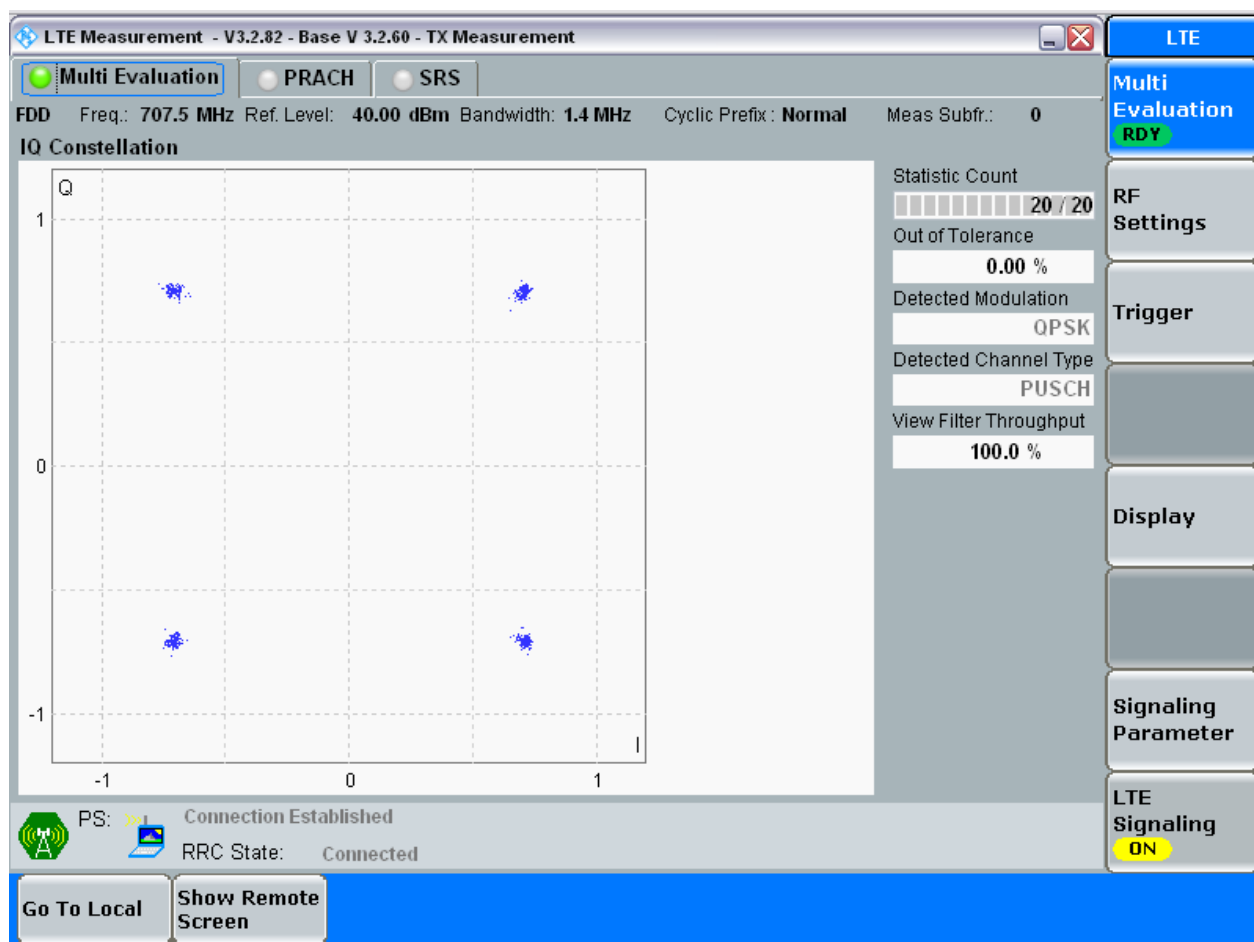
3.1.1 Test Band = BAND12

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

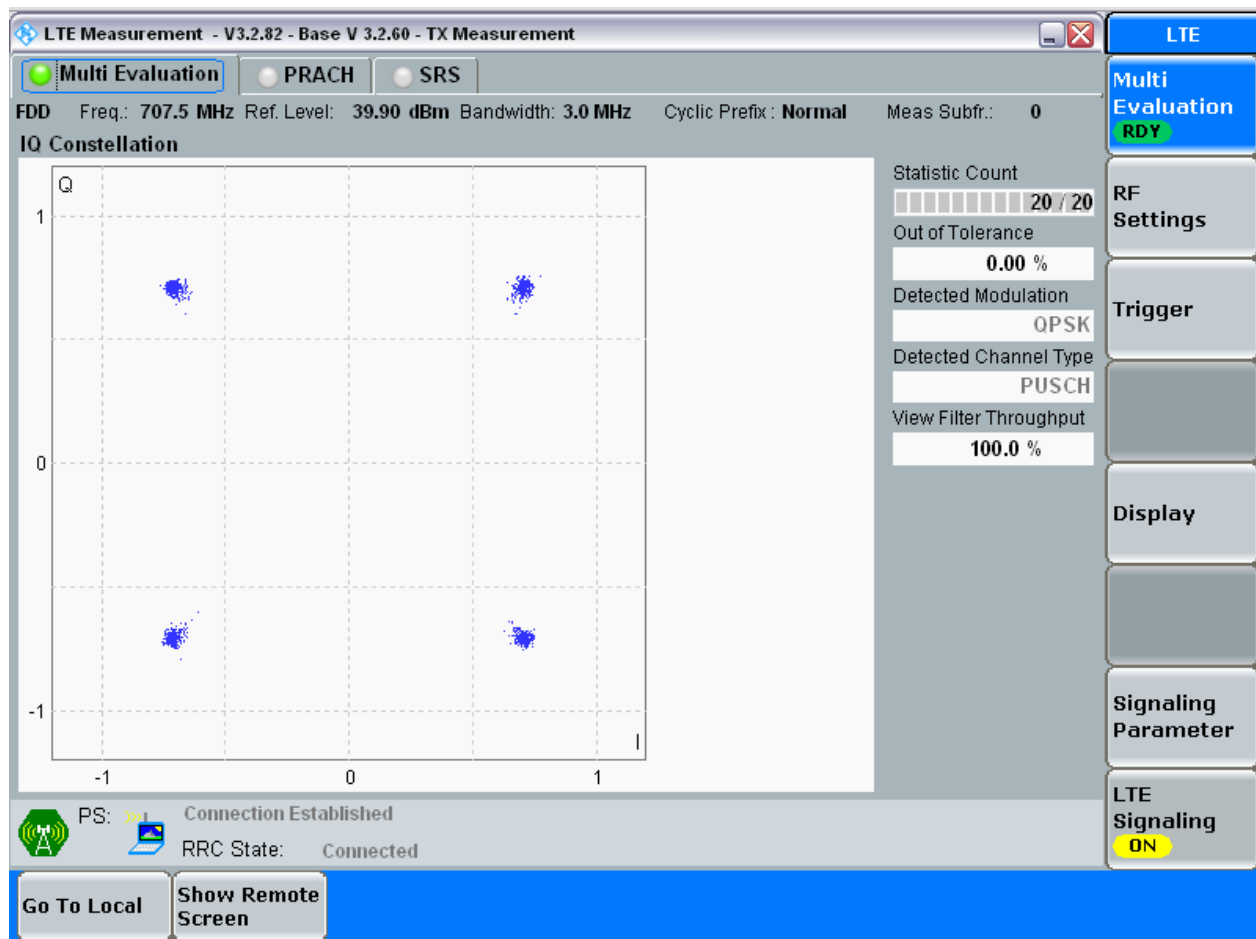
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

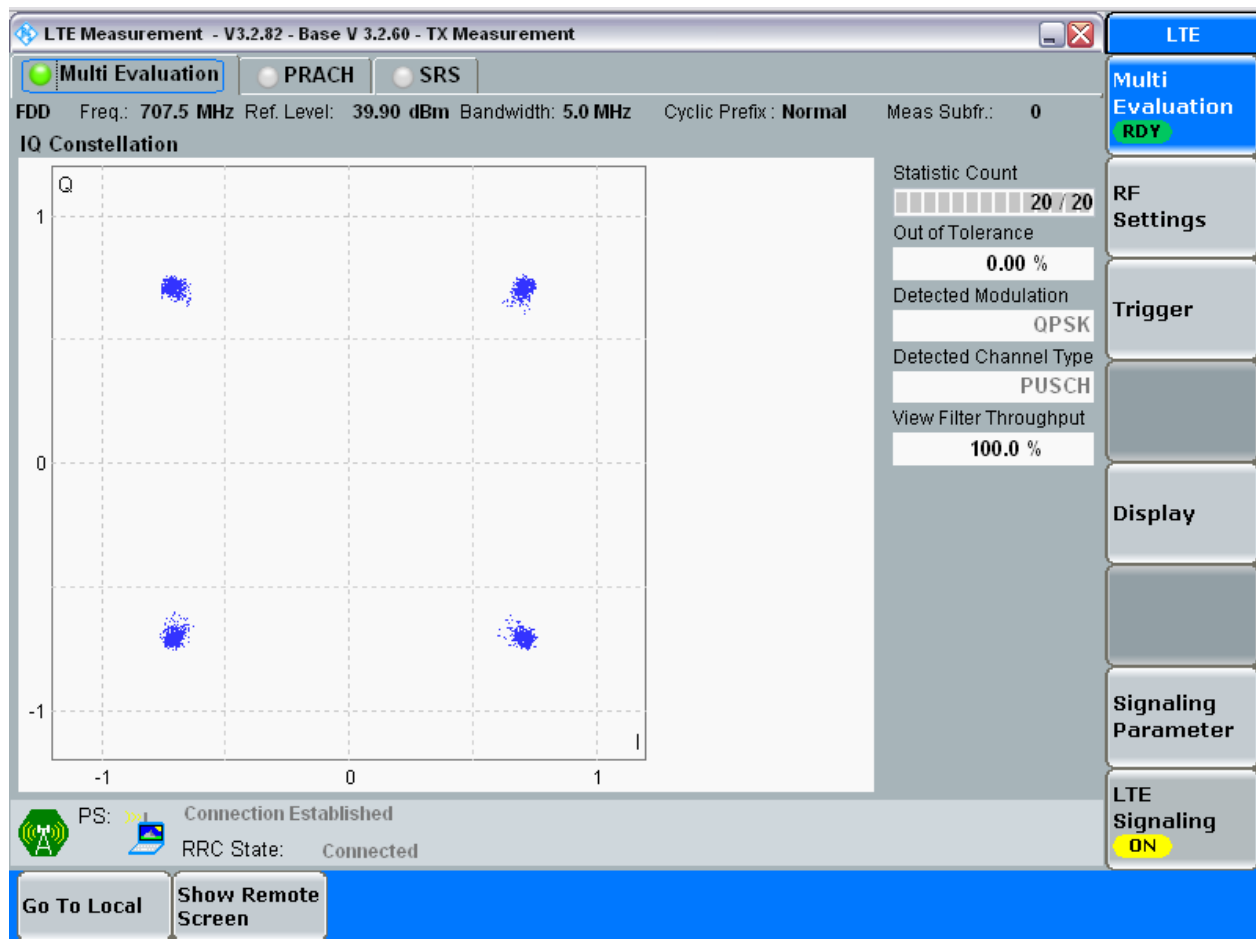
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

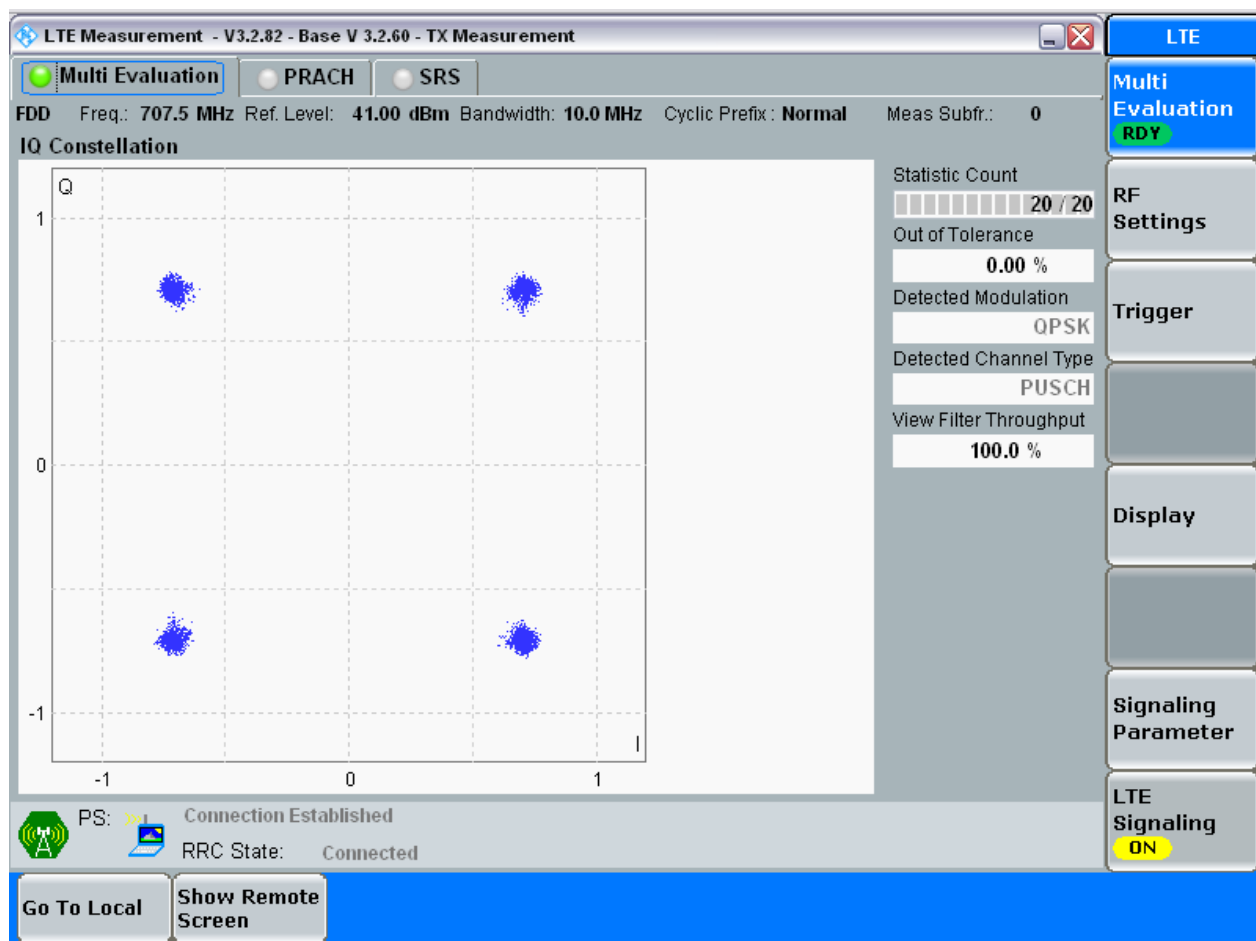
3.1.1.1.3.1.1 Test RB = RB25#0



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

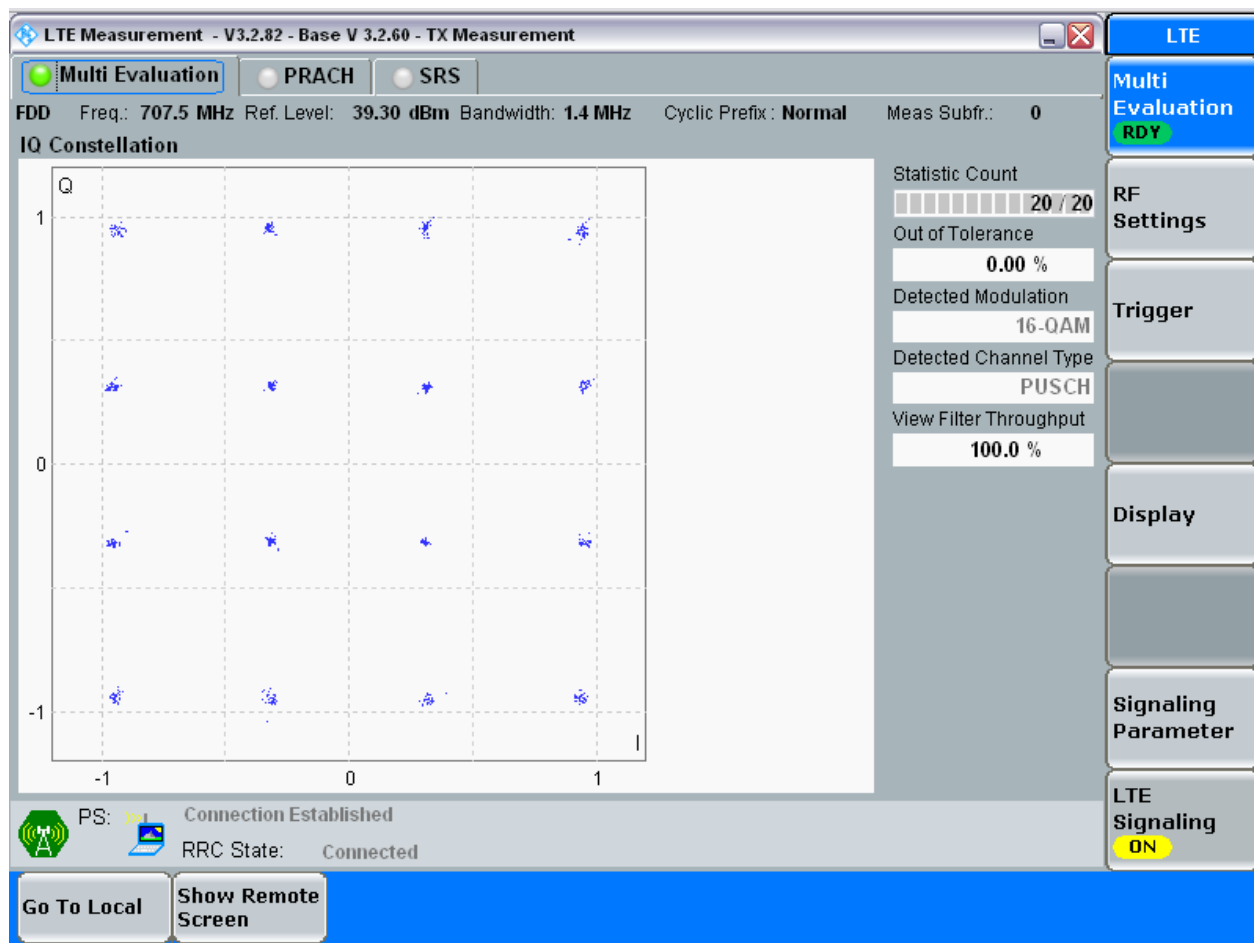


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

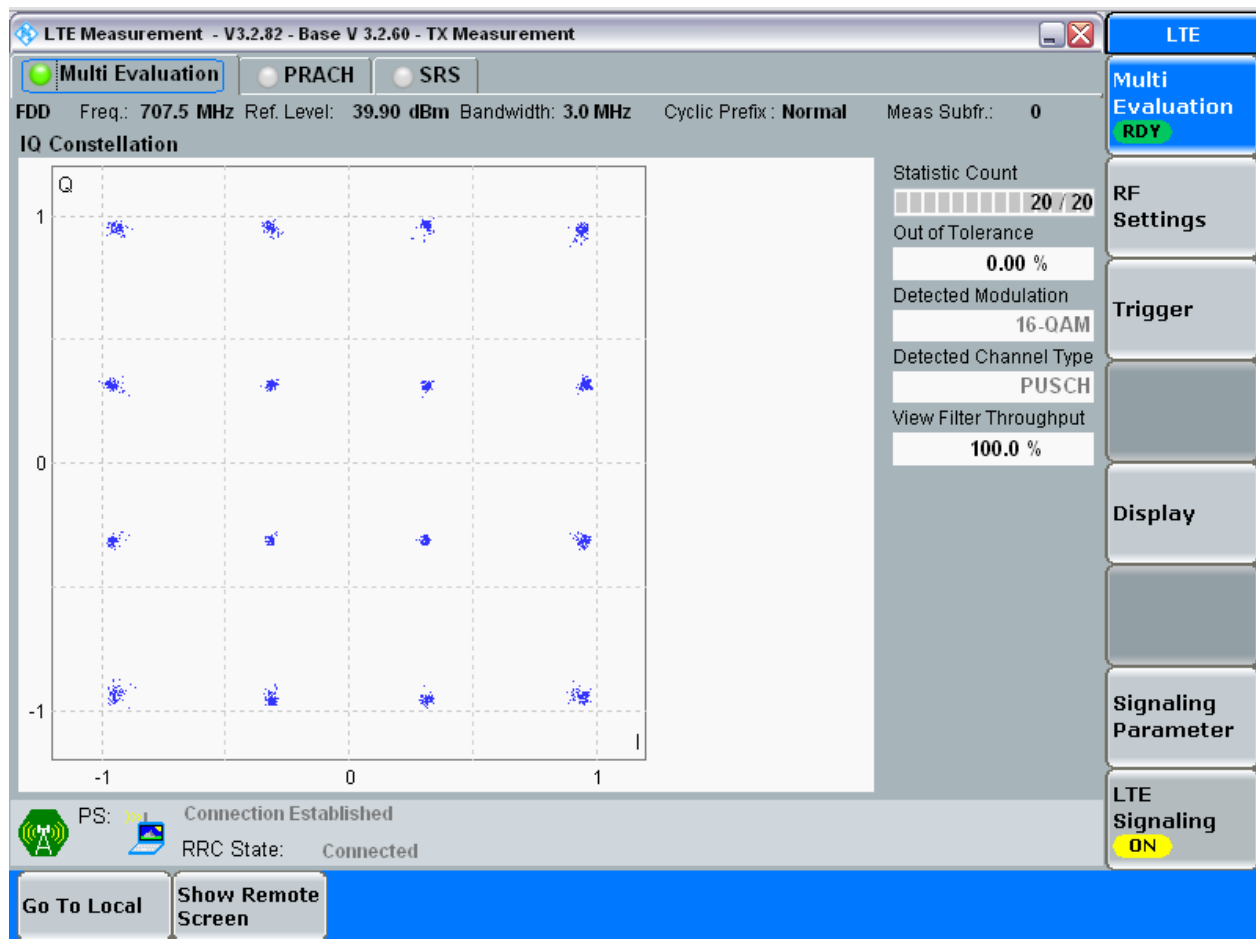
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

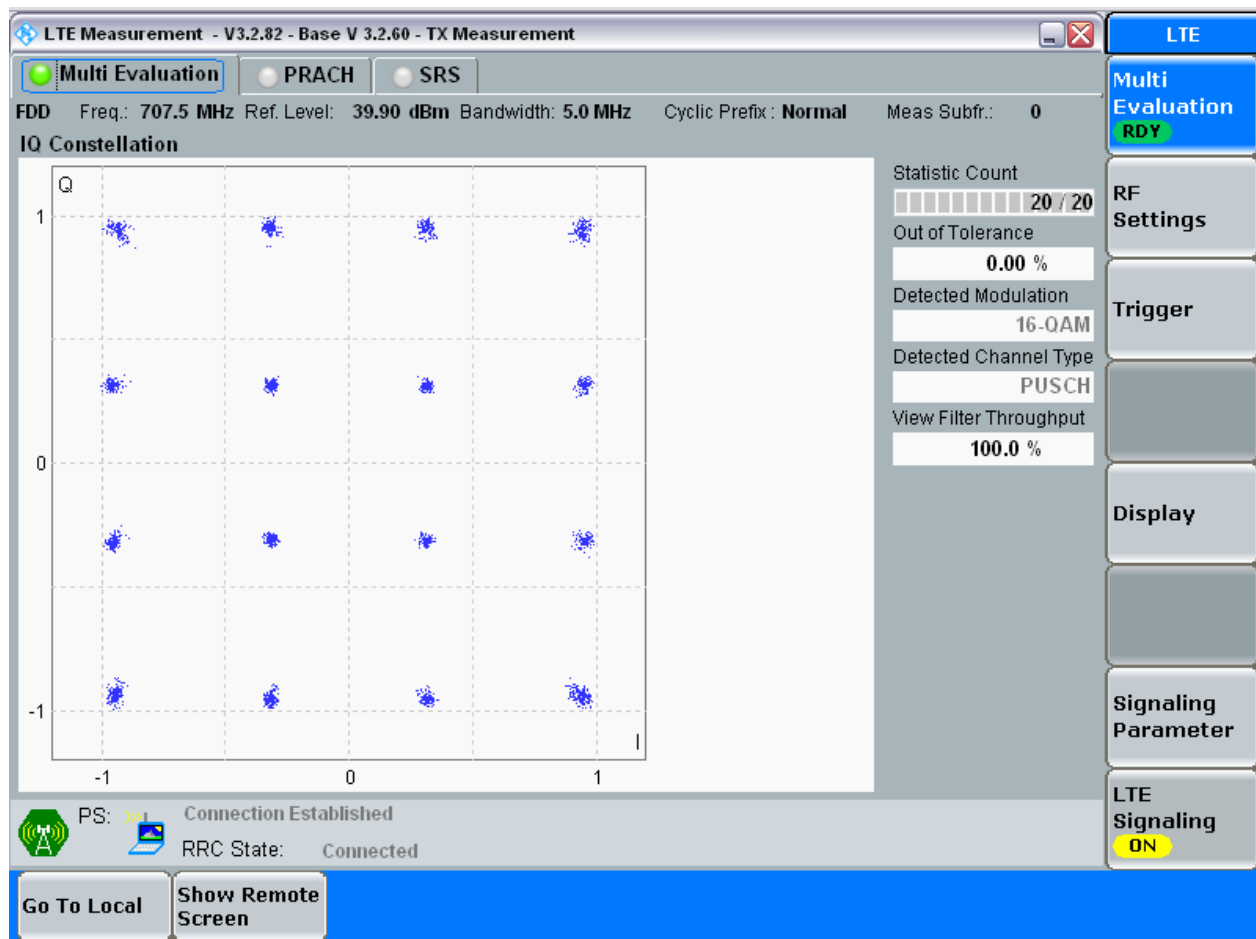
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

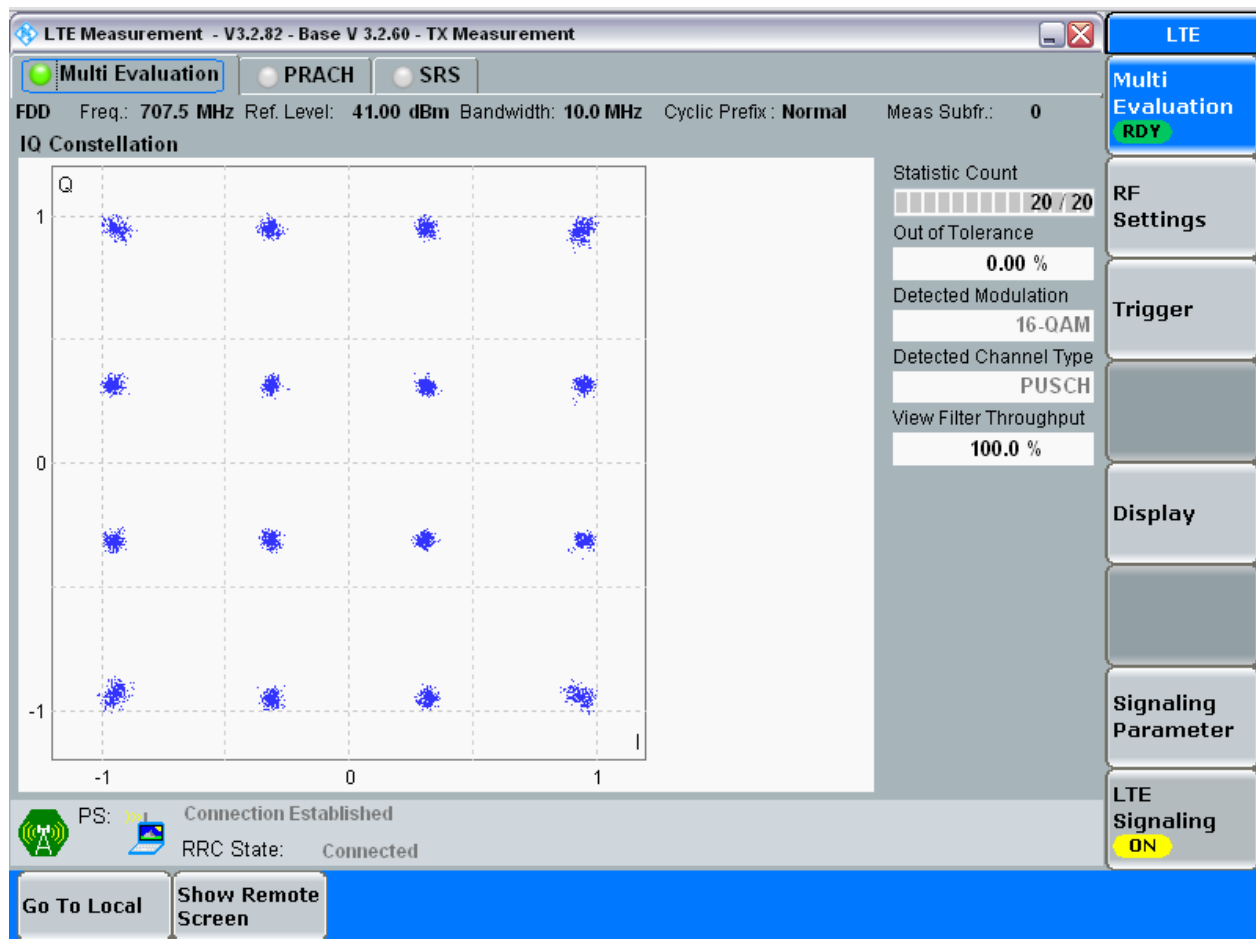
3.1.1.2.3.1.1 Test RB = RB25#0



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
BAND12	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	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.51	4.91	Pass
			HCH	RB25#0	4.50	4.94	Pass
		10	LCH	RB50#0	8.97	9.60	Pass
			MCH	RB50#0	9.00	9.76	Pass
			HCH	RB50#0	9.00	9.68	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	1.23	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.71	2.93	Pass
			HCH	RB15#0	2.71	2.95	Pass
		5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.50	4.84	Pass
			HCH	RB25#0	4.50	4.85	Pass
		10	LCH	RB50#0	8.96	9.58	Pass
			MCH	RB50#0	8.99	9.64	Pass
			HCH	RB50#0	8.98	9.66	Pass

Part II - Test Plots

4.1 For LTE

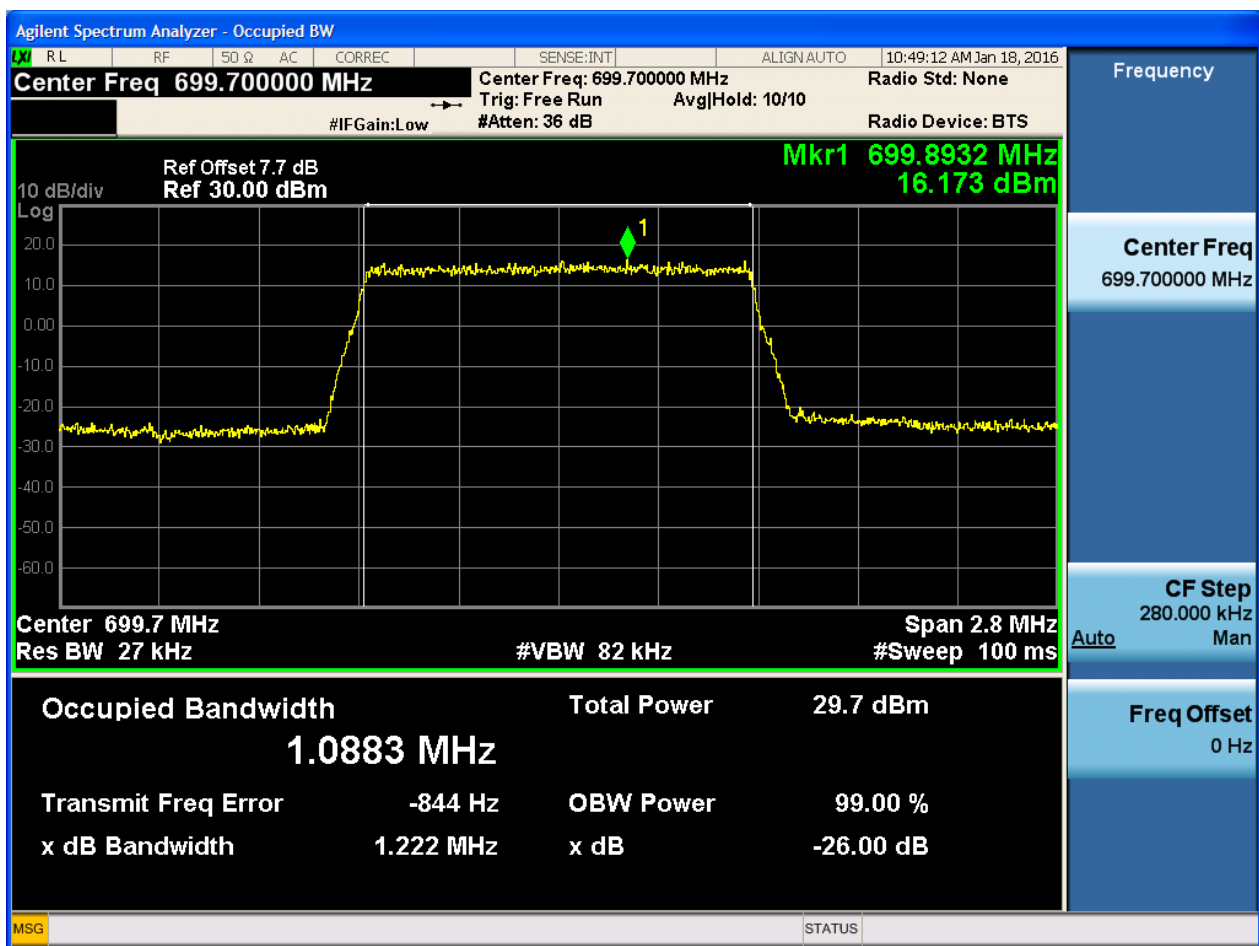
4.1.1 Test Band = BAND12

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

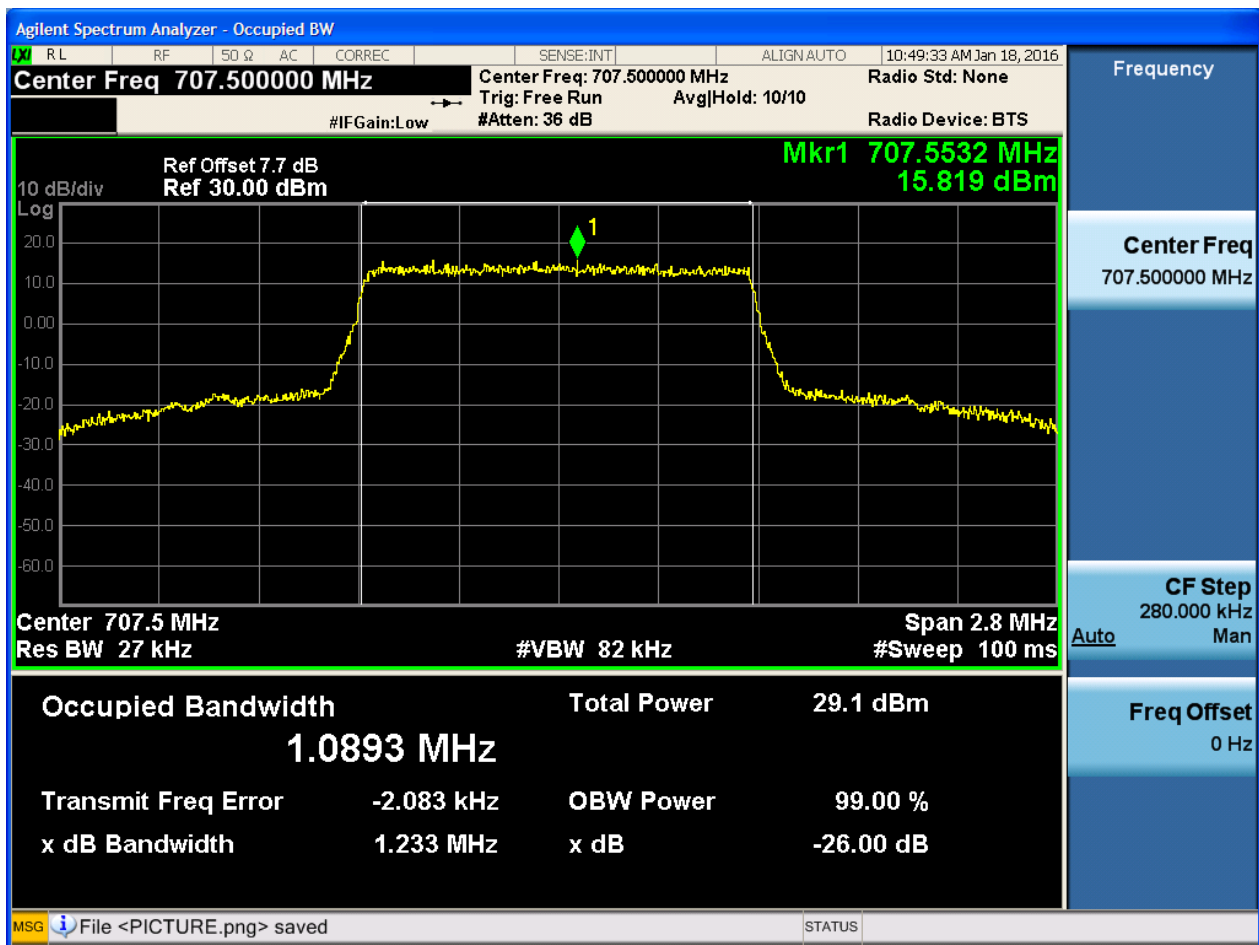
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

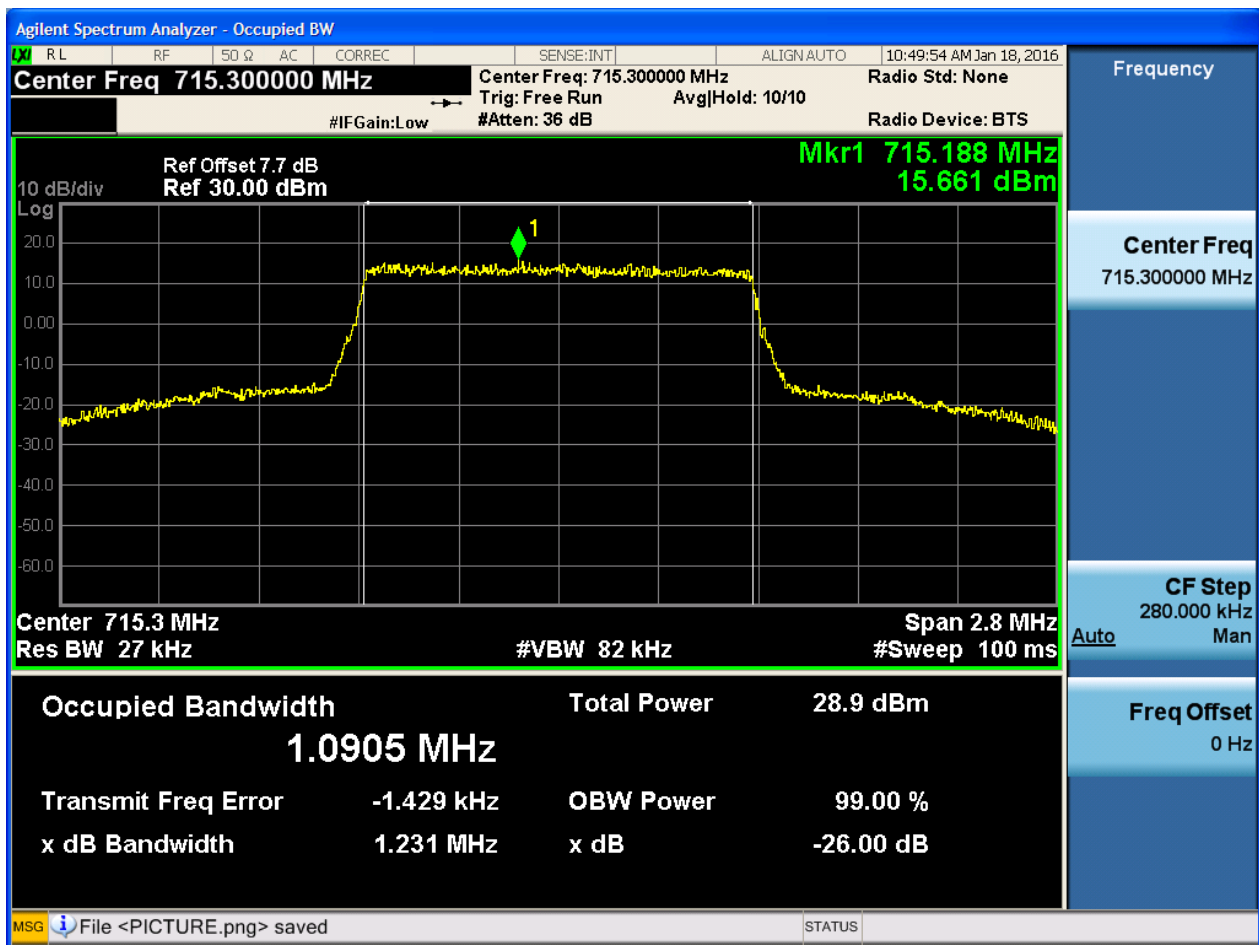
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

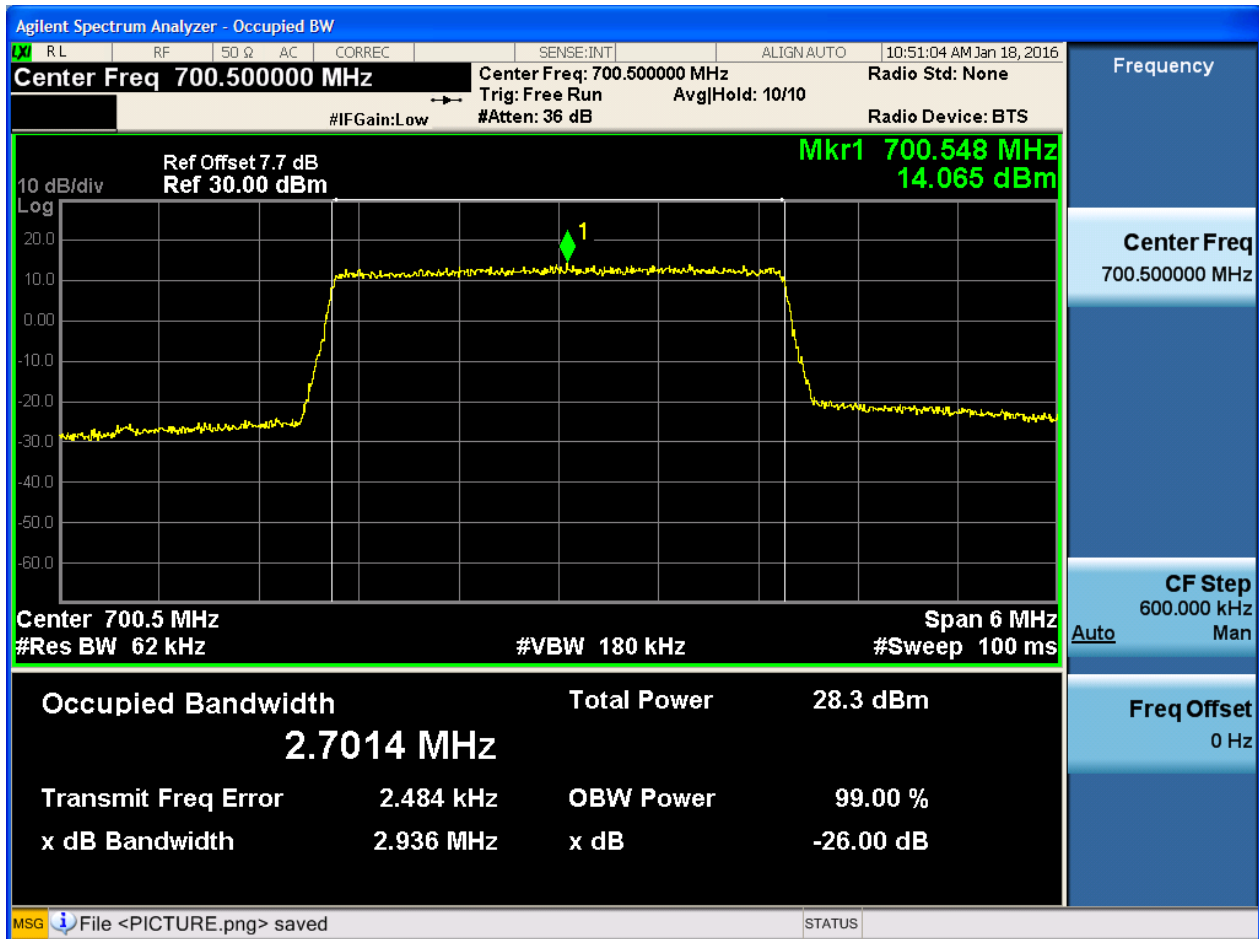




4.1.1.1.2 Test Bandwidth = 3

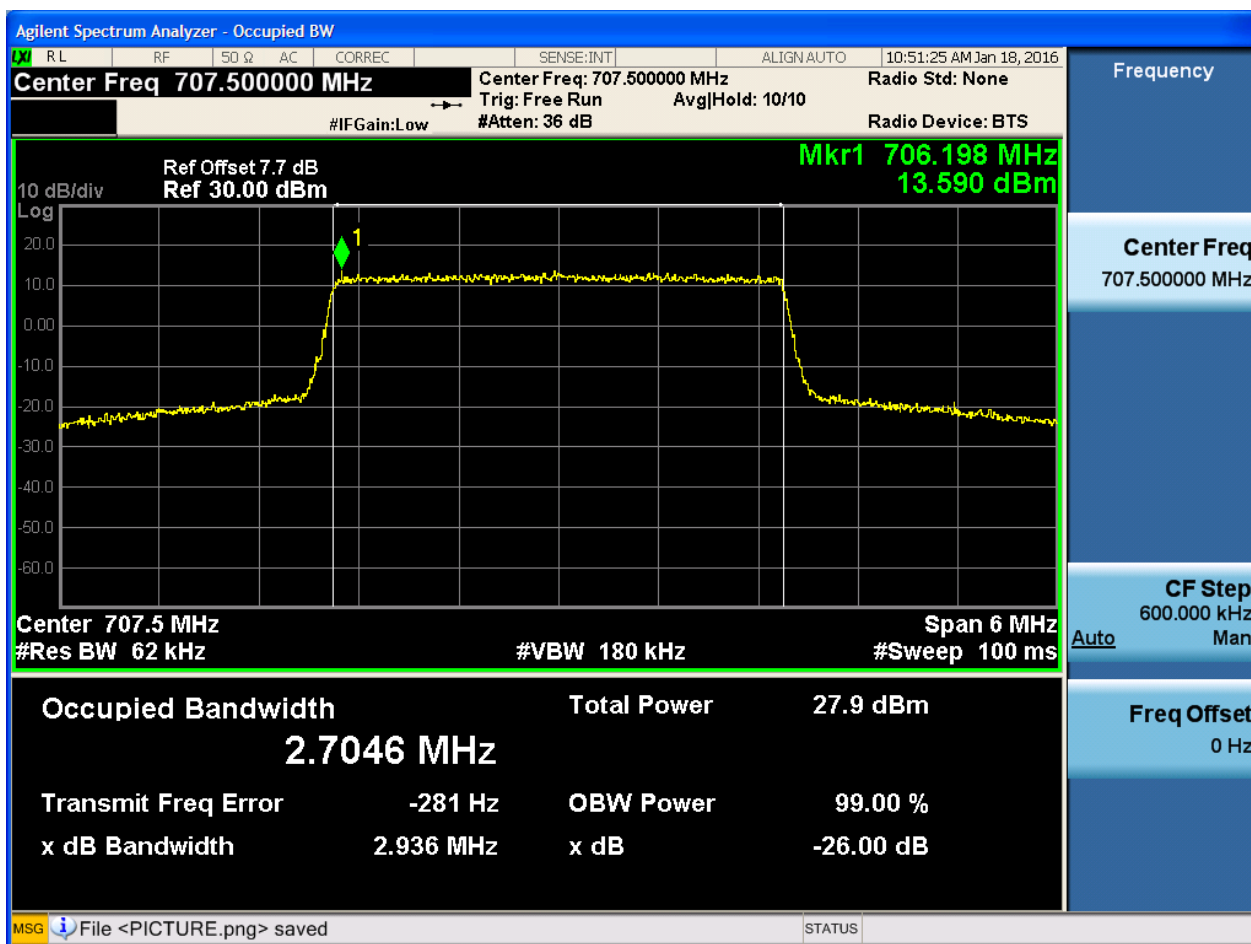
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

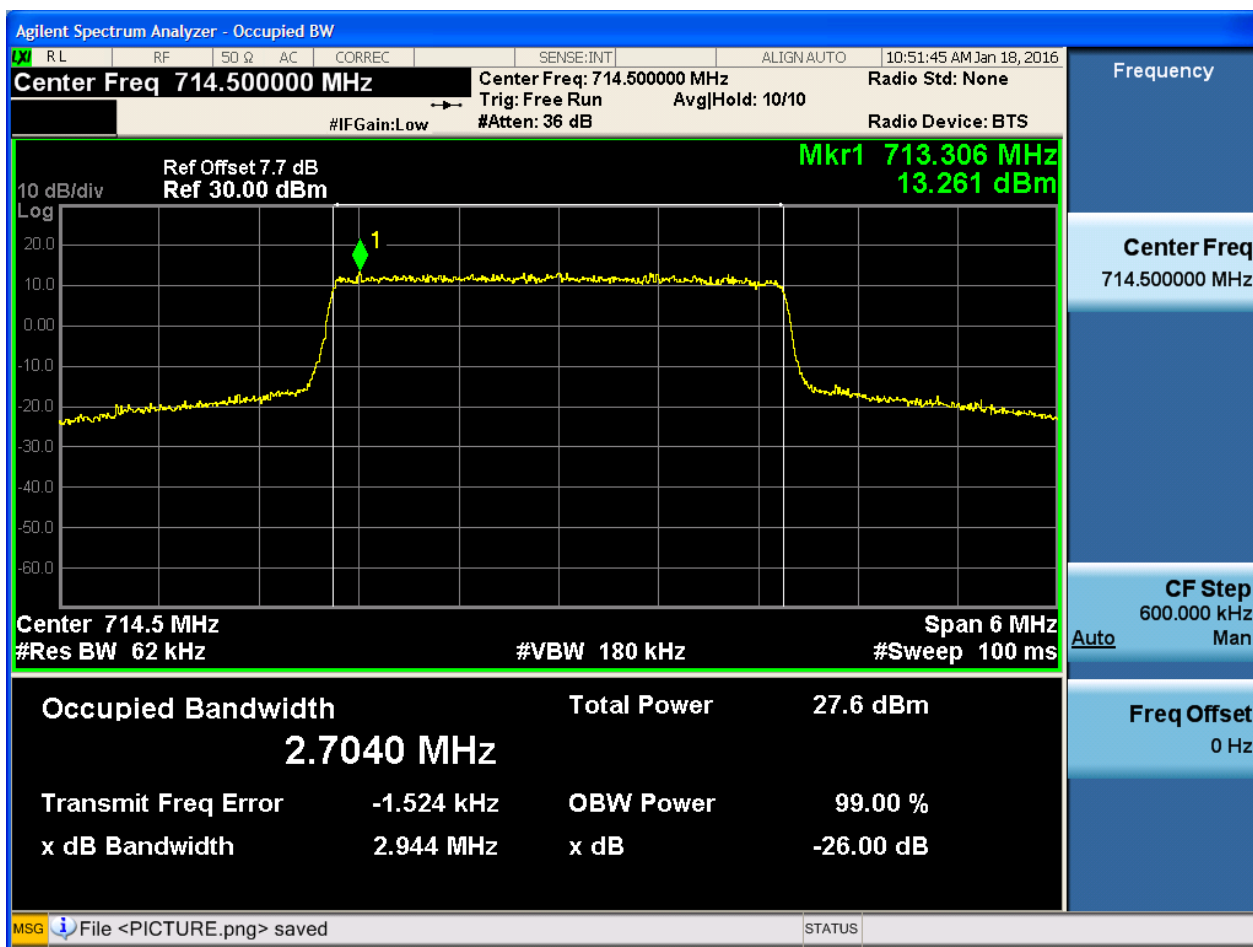
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

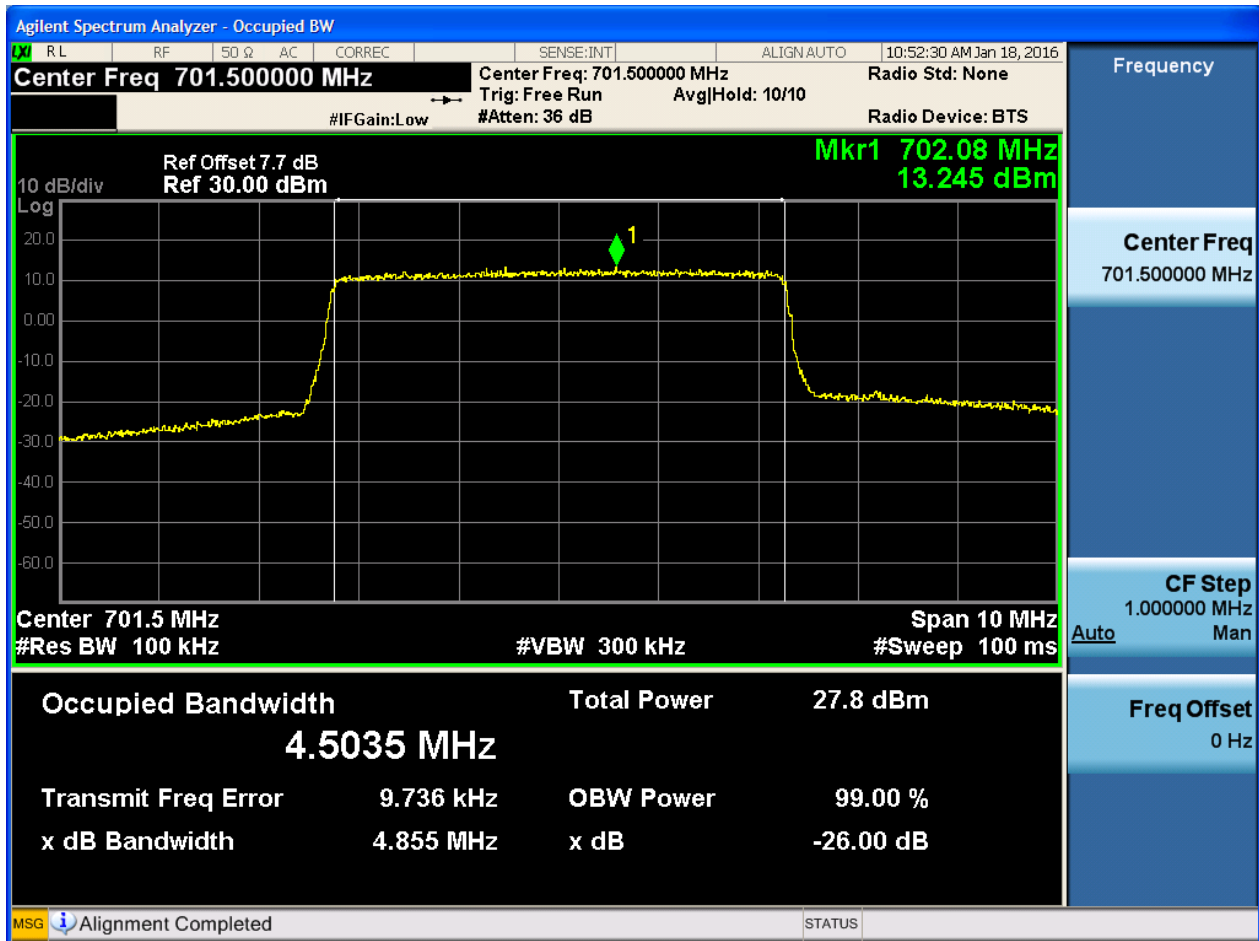




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

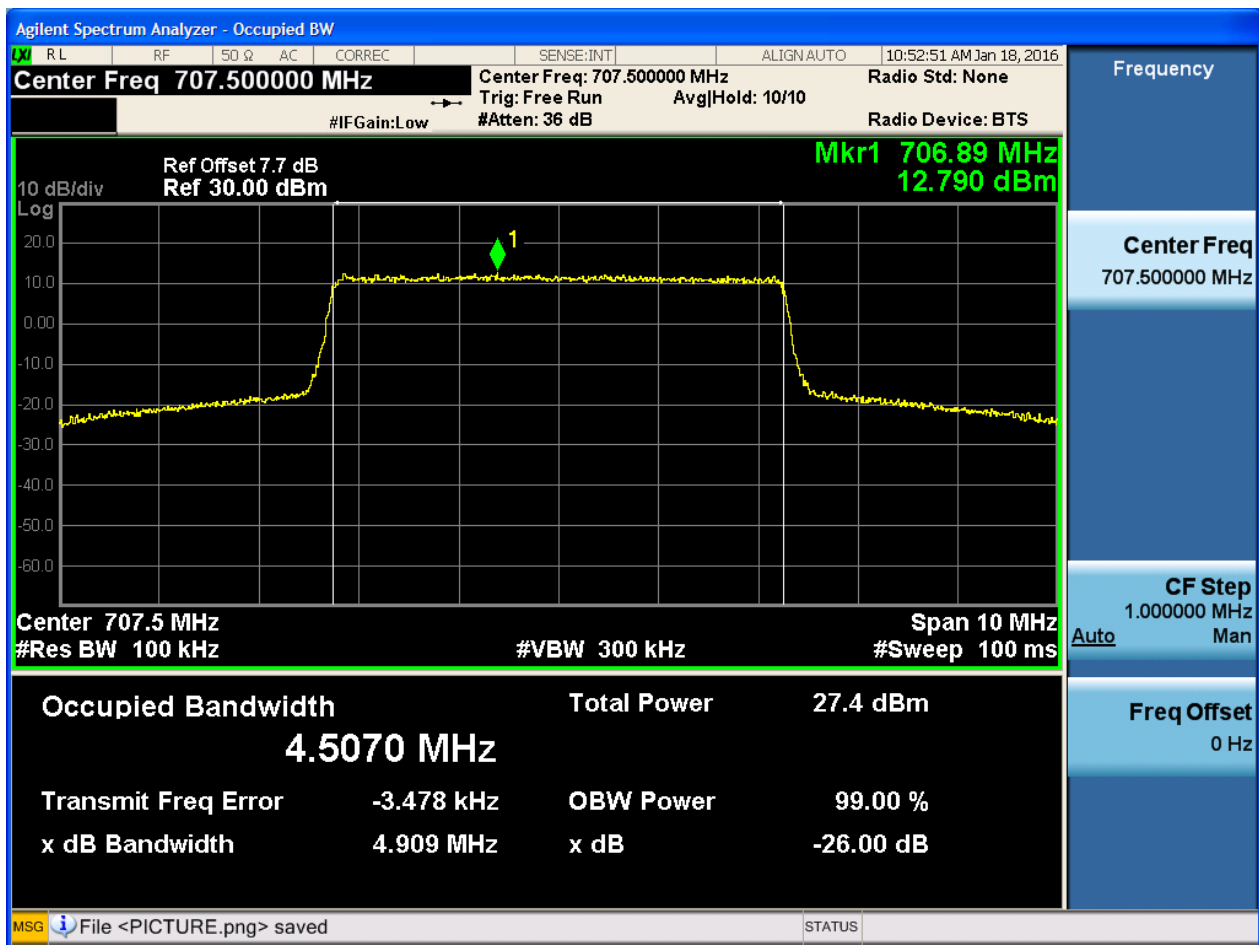
4.1.1.1.3.1.1 Test RB = RB25#0





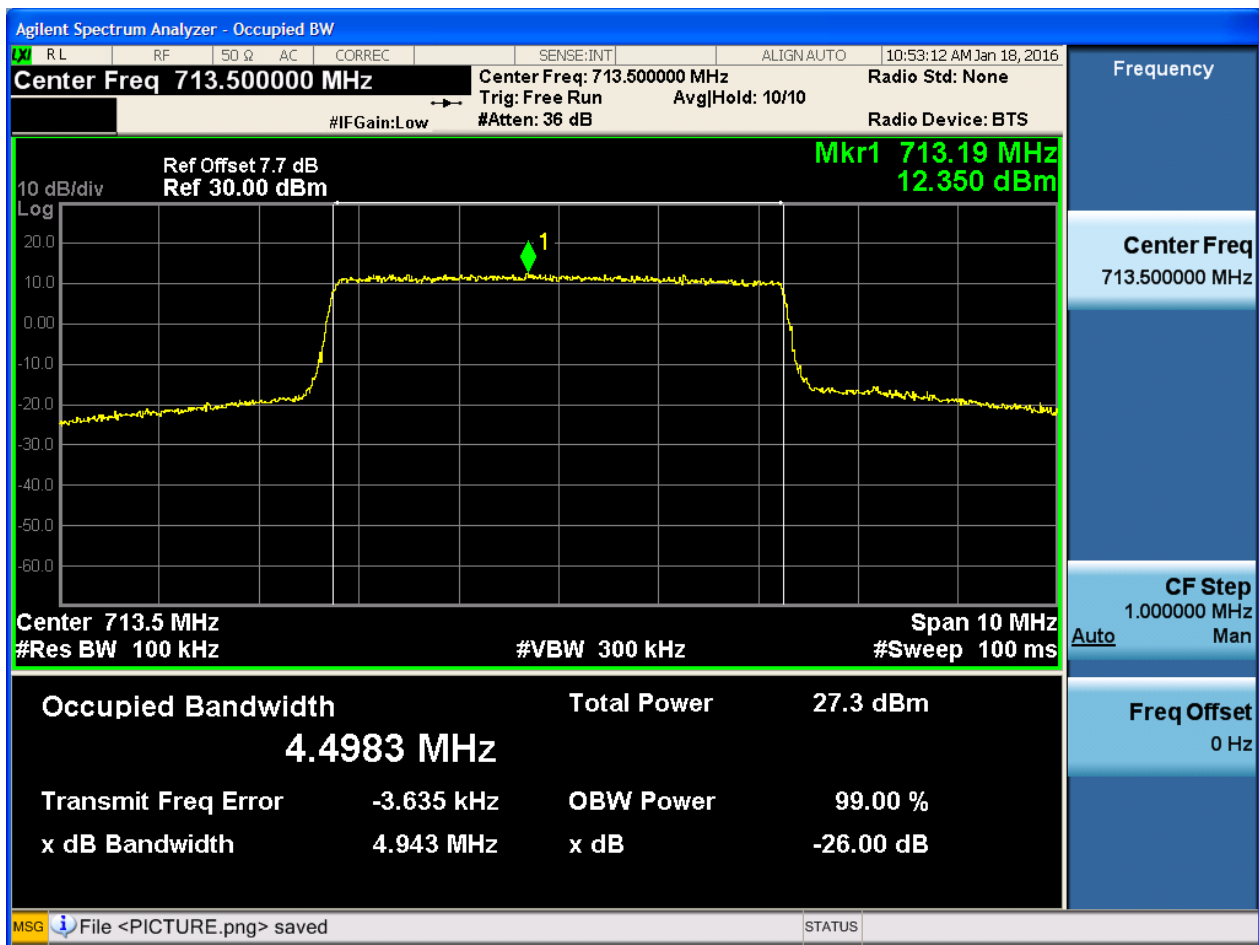
4.1.1.1.3.2 Test Channel = MCH

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

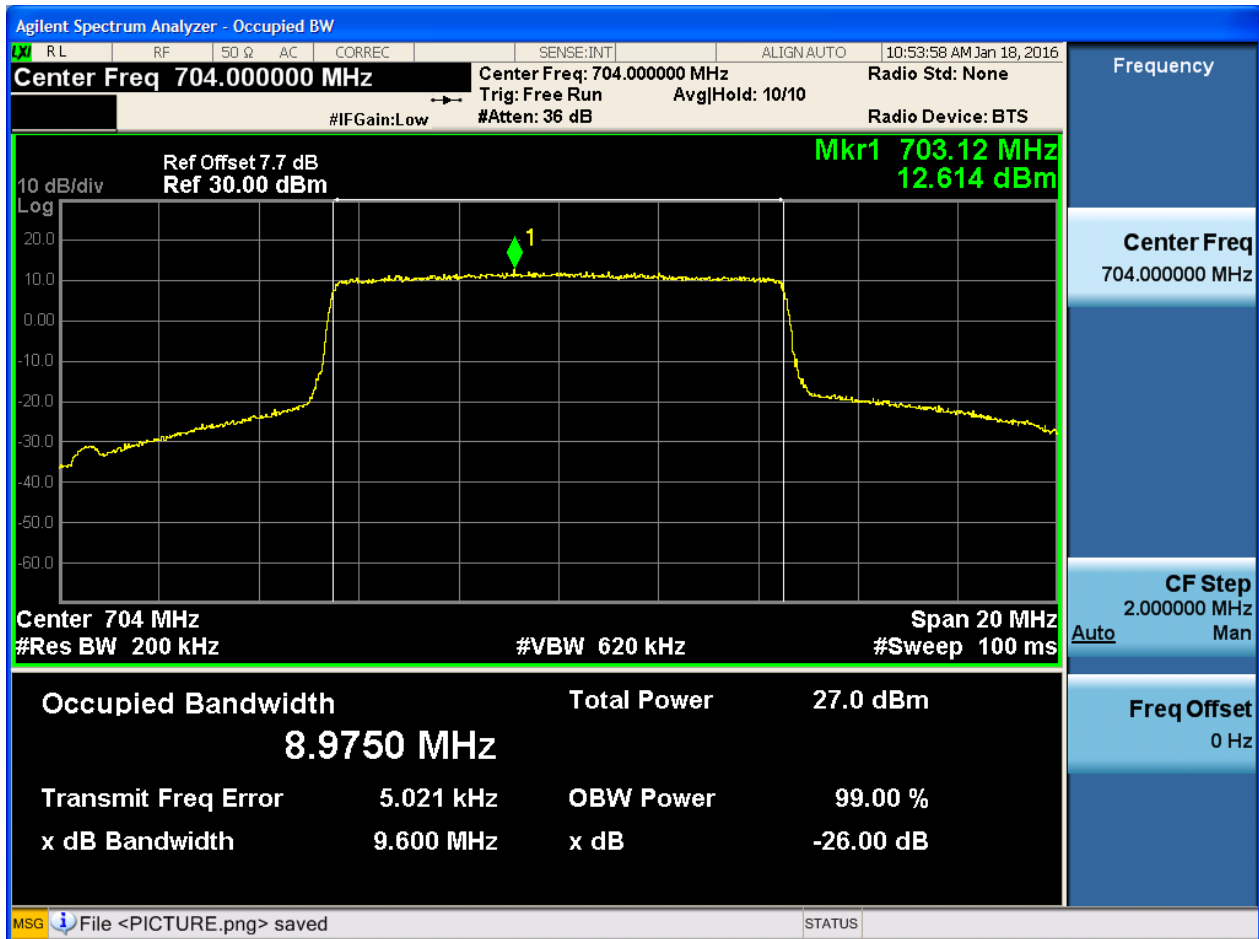




4.1.1.1.4 Test Bandwidth = 10

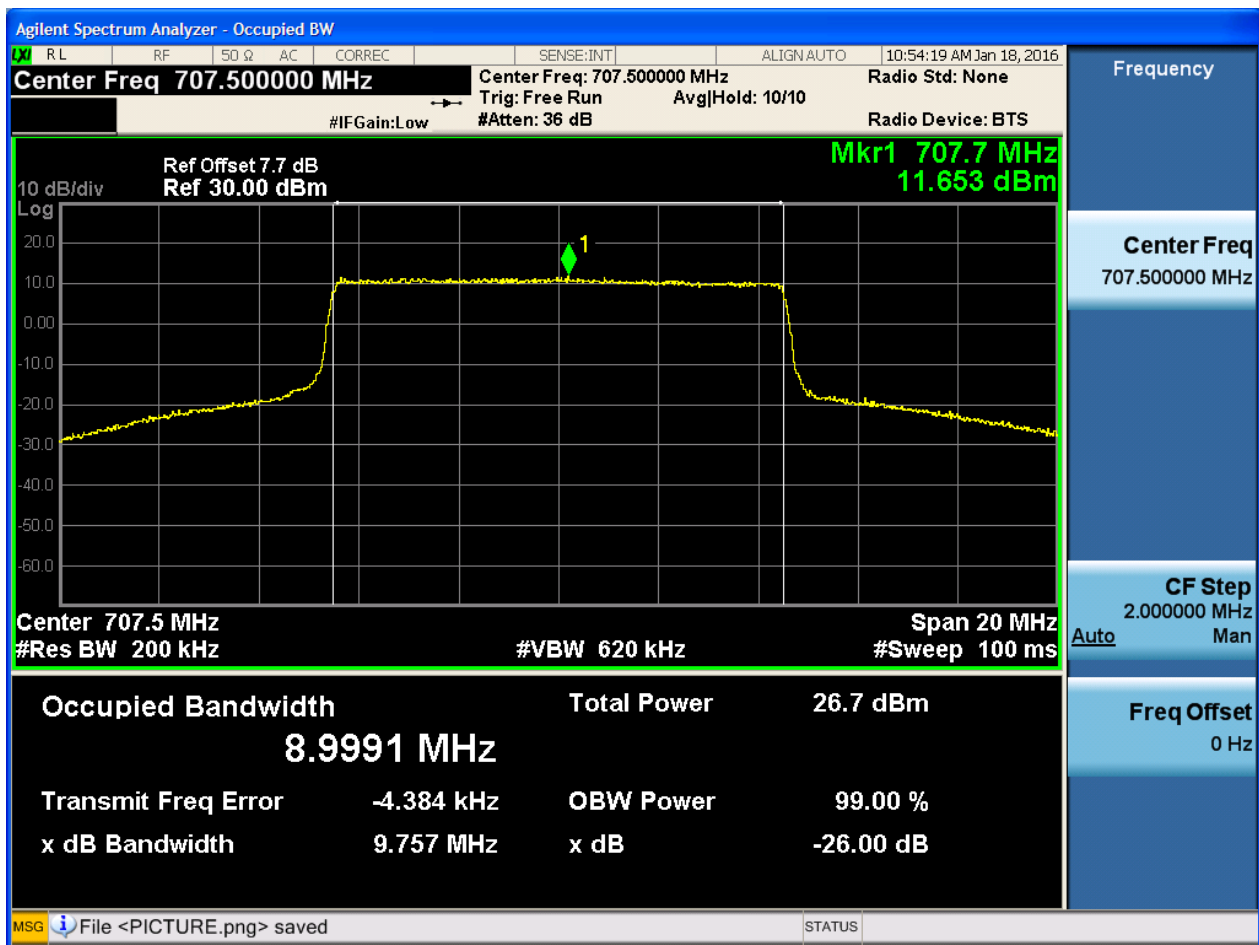
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



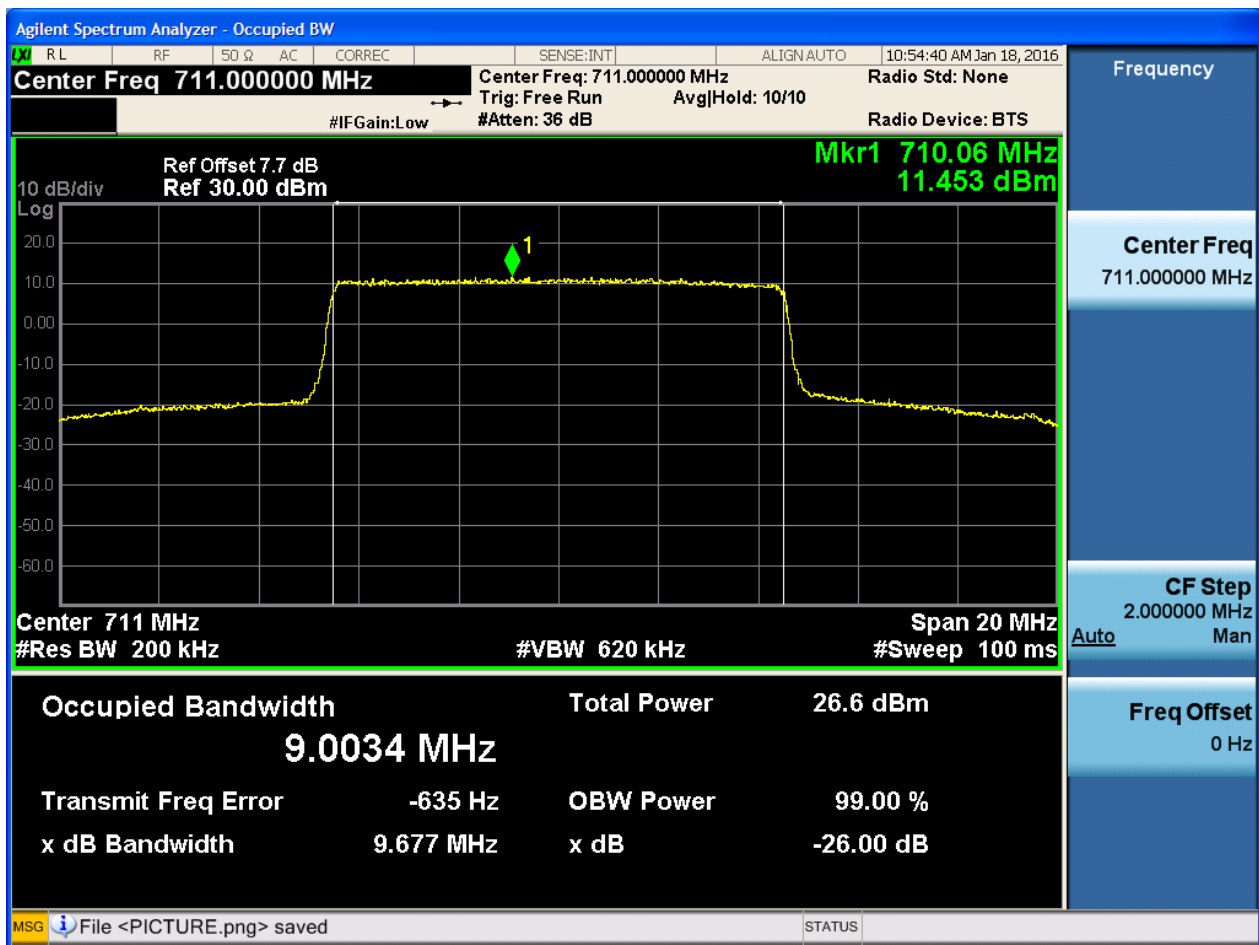
4.1.1.1.4.2 Test Channel = MCH

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



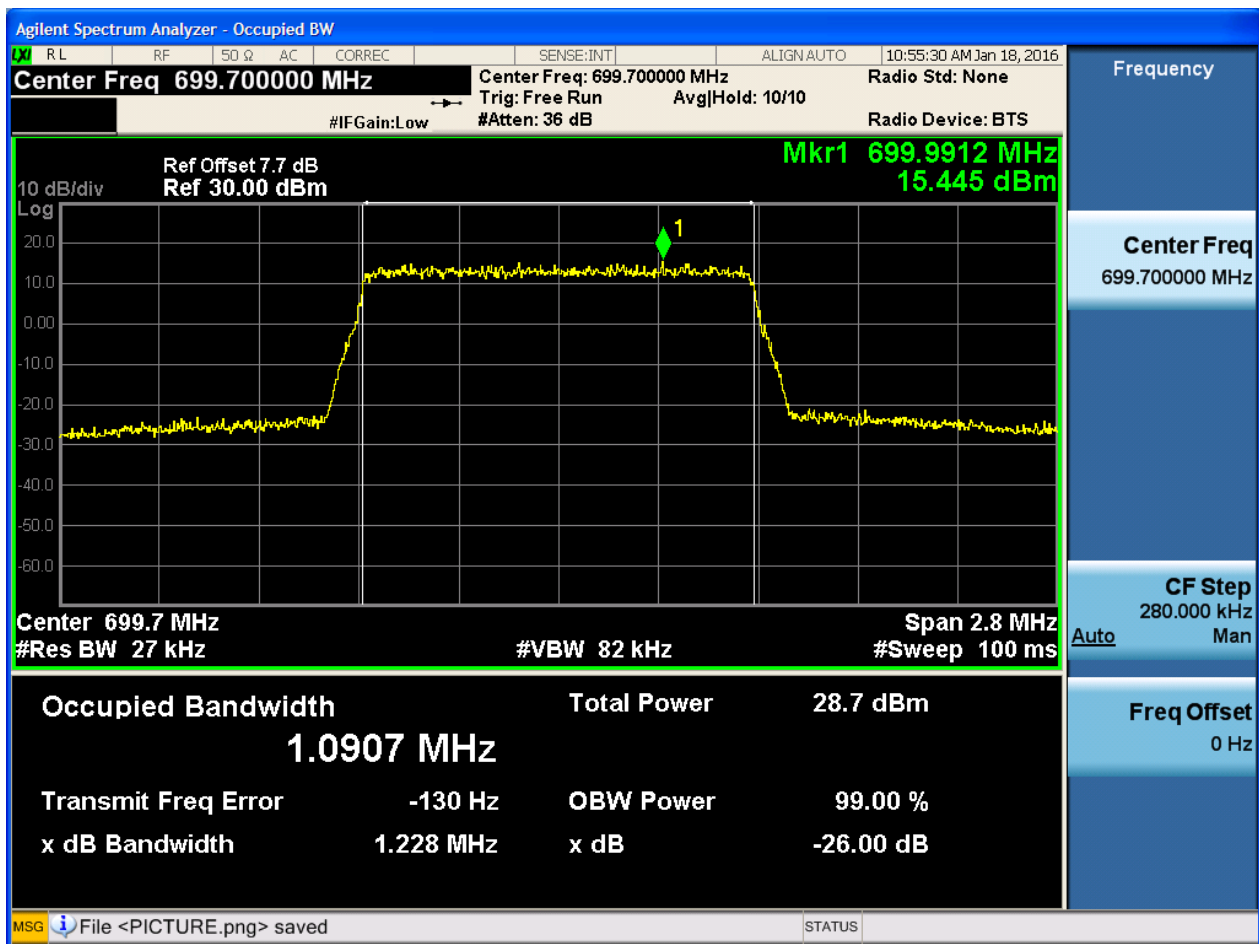


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

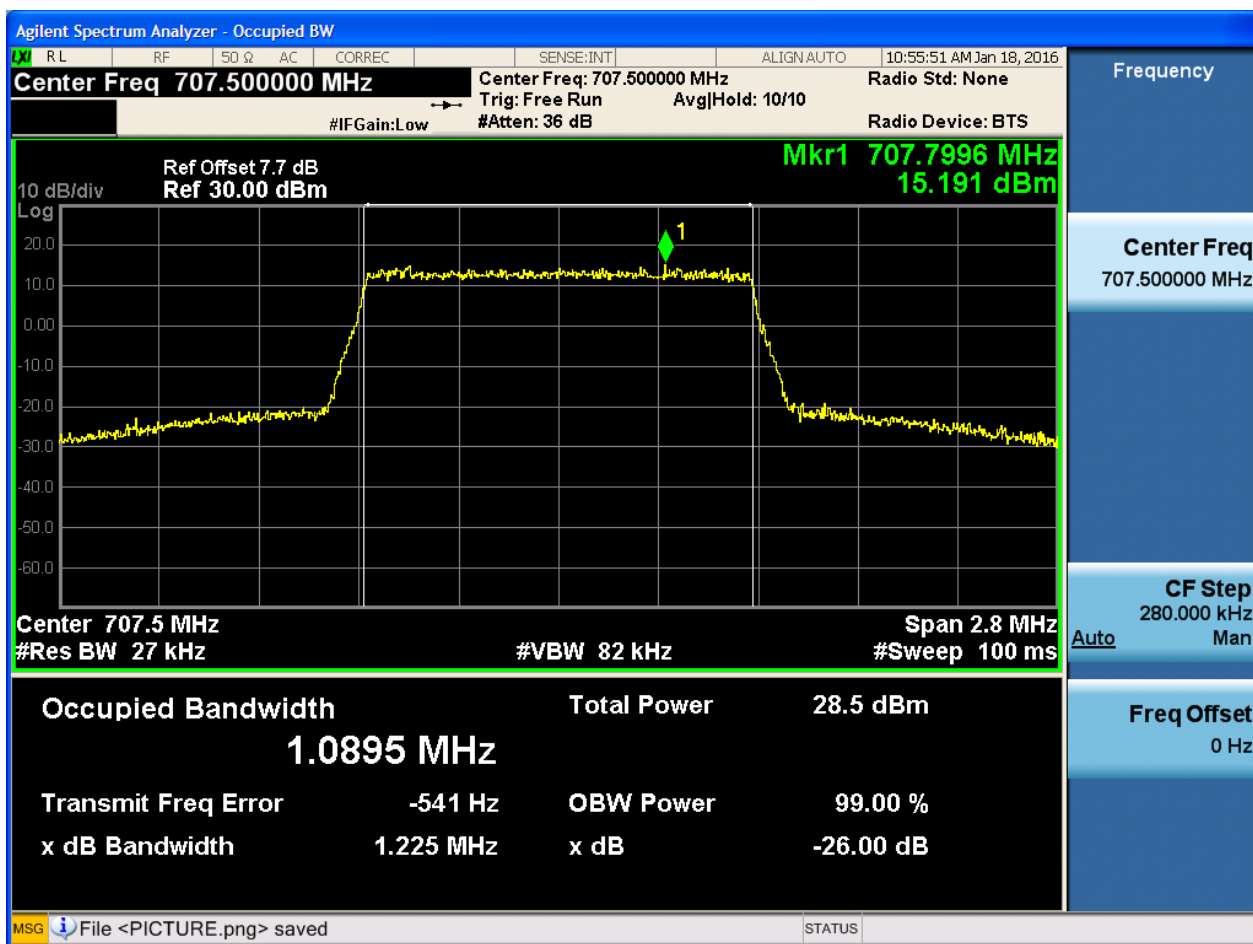
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

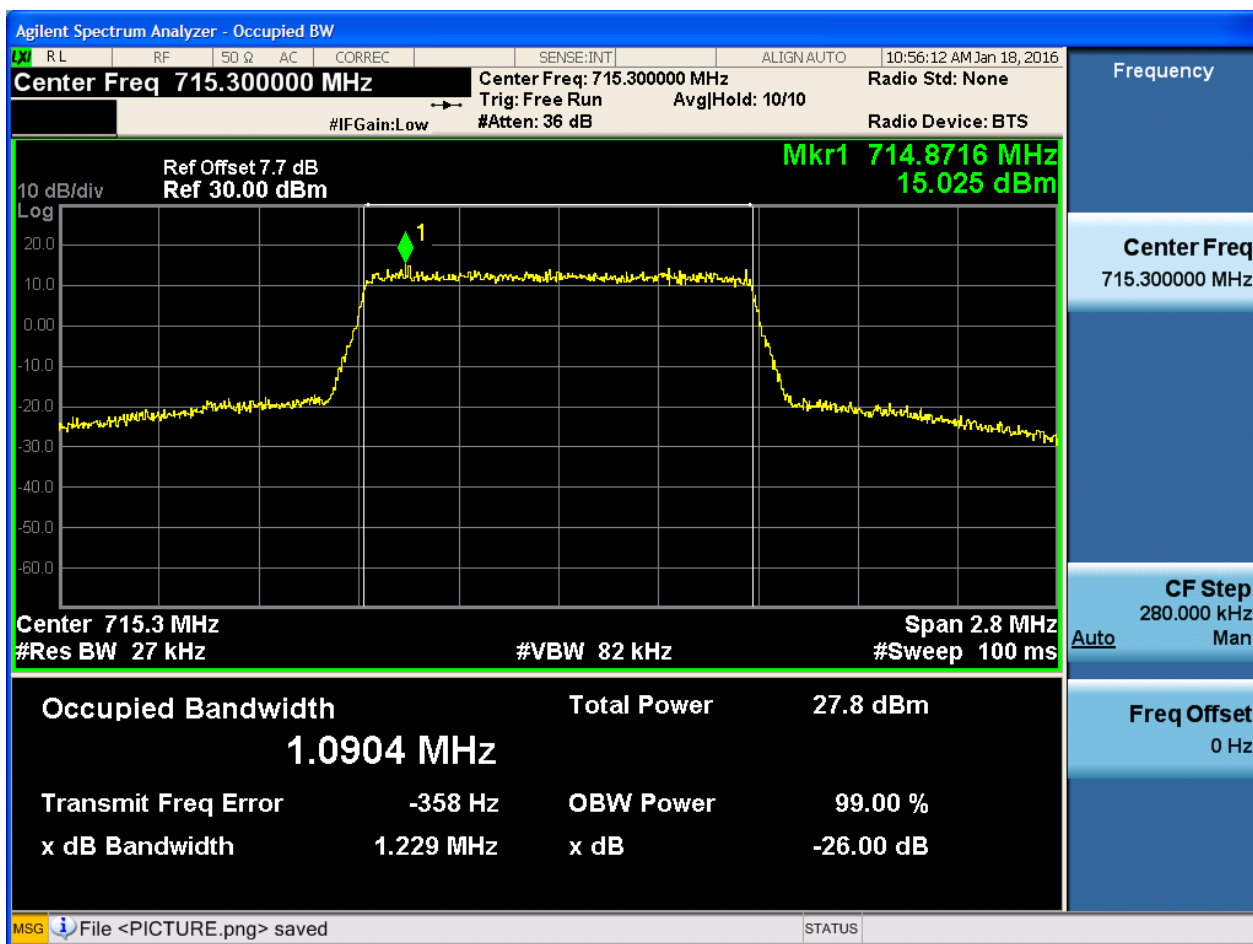
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

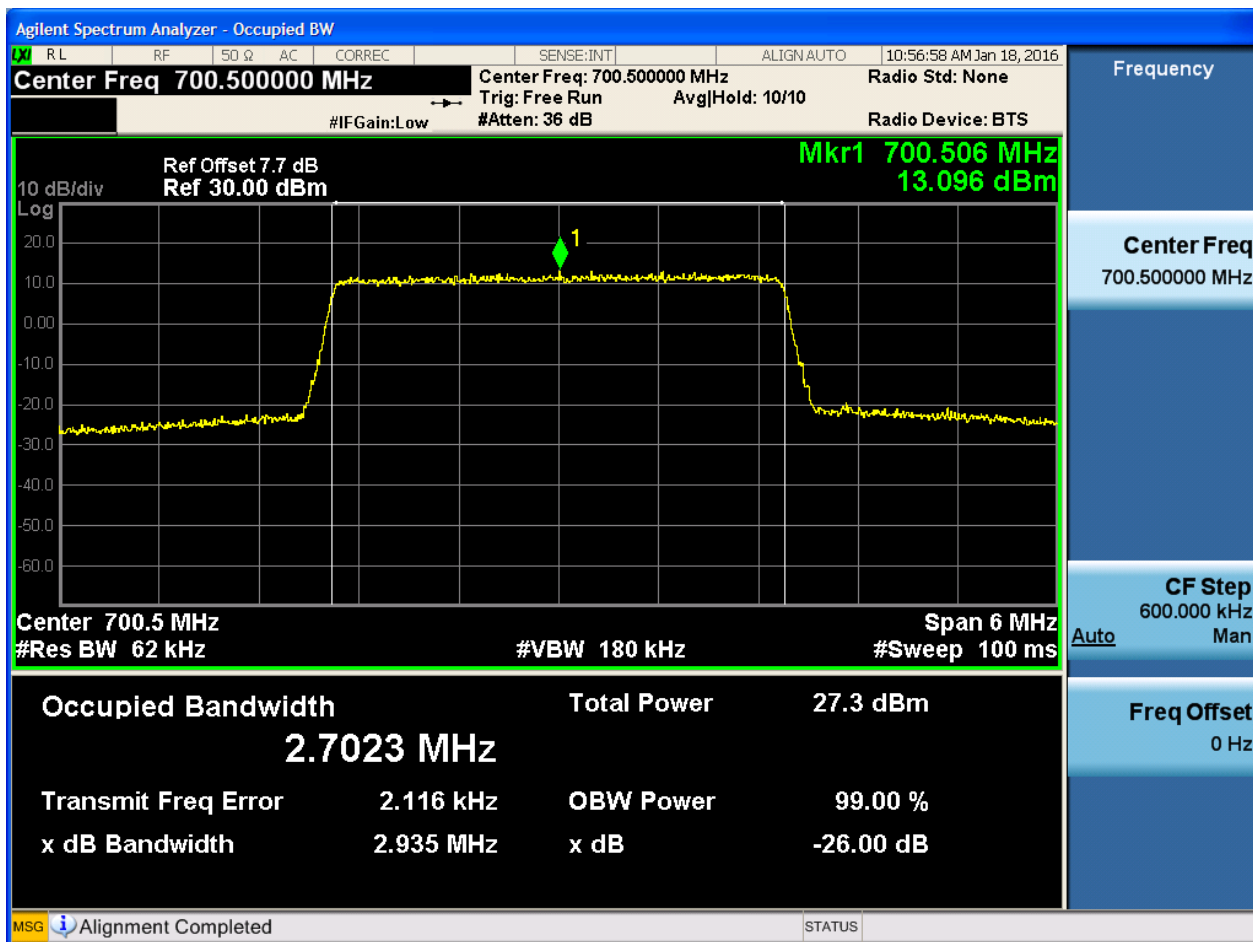




4.1.1.2.2 Test Bandwidth = 3

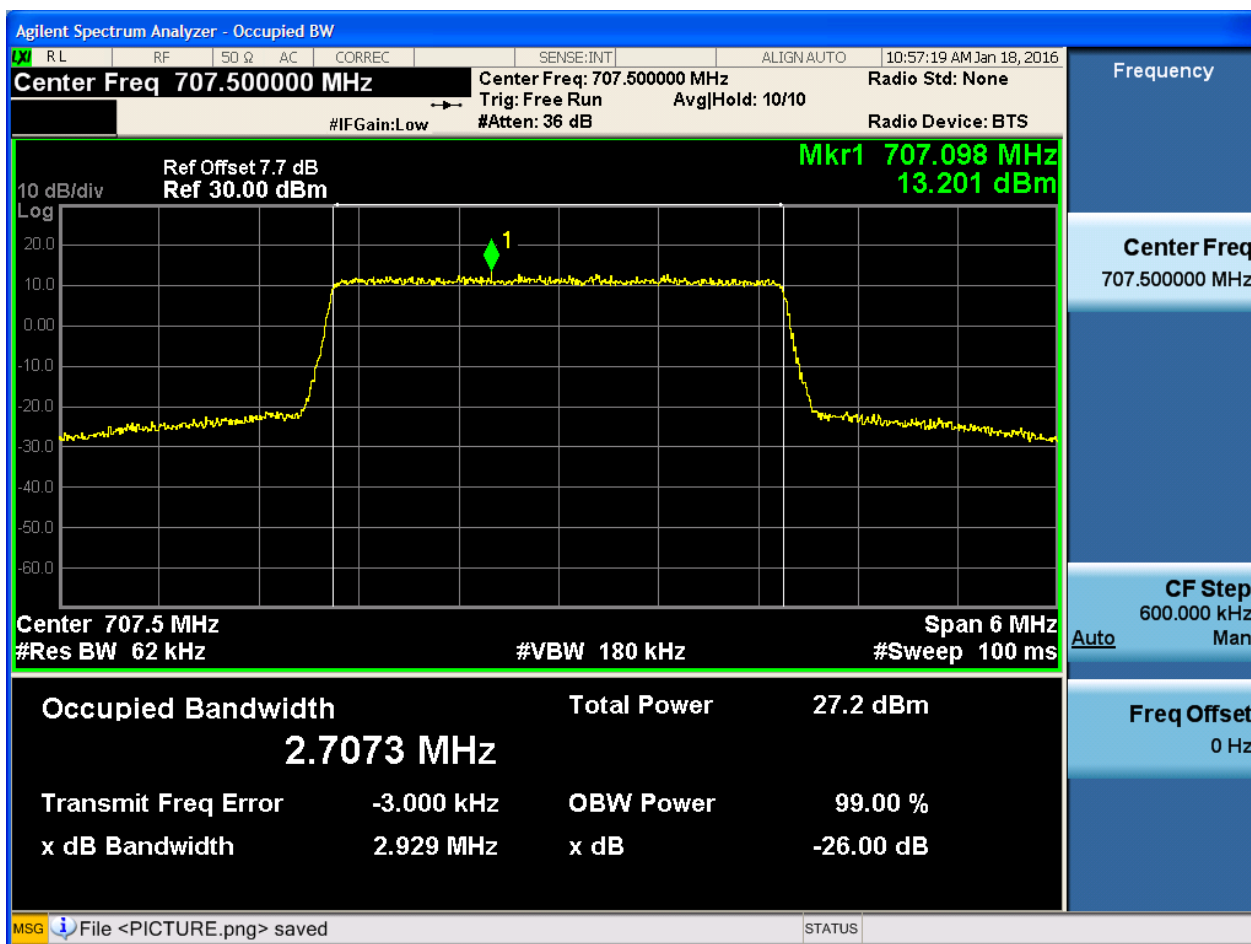
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



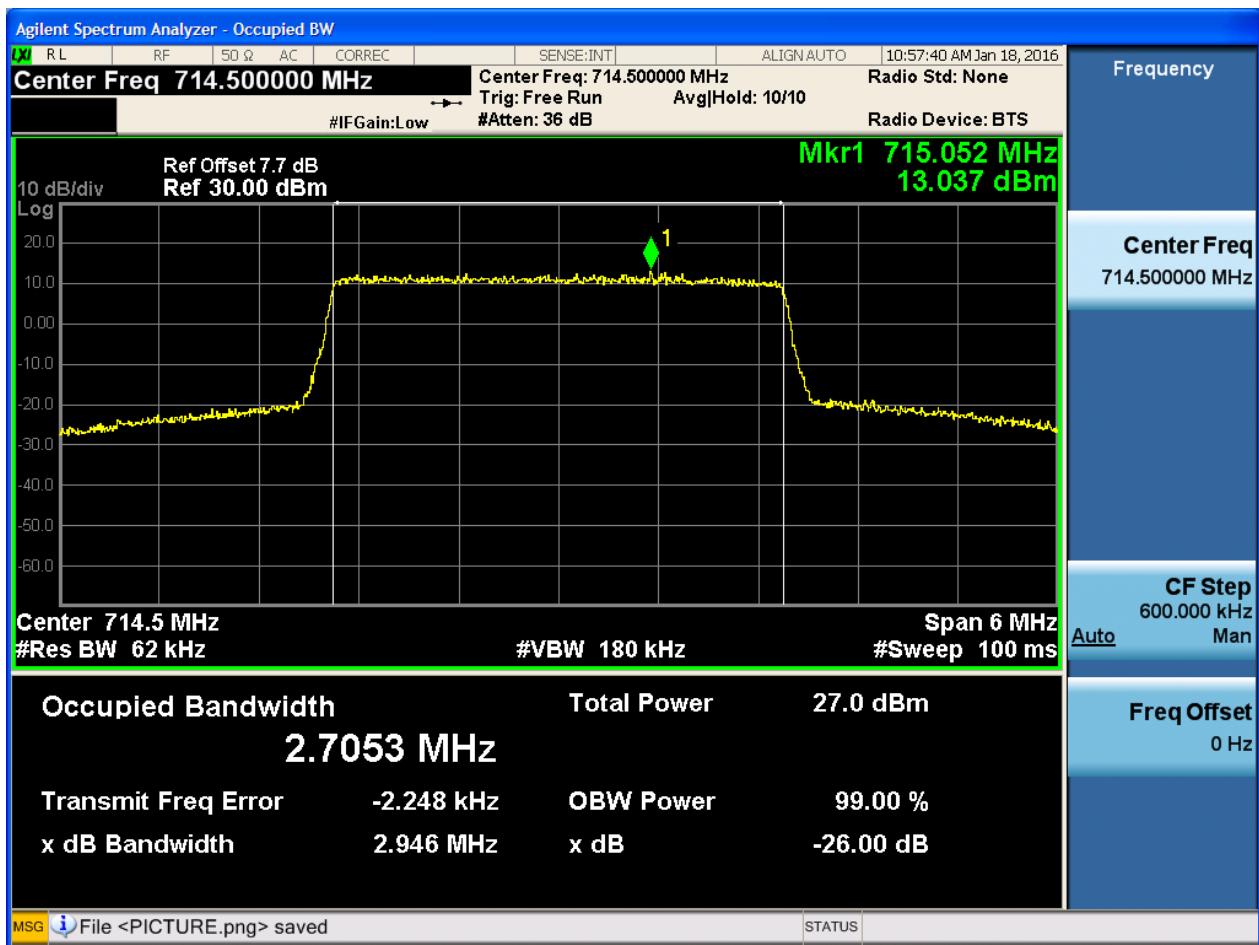
4.1.1.2.2.2 Test Channel = MCH

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

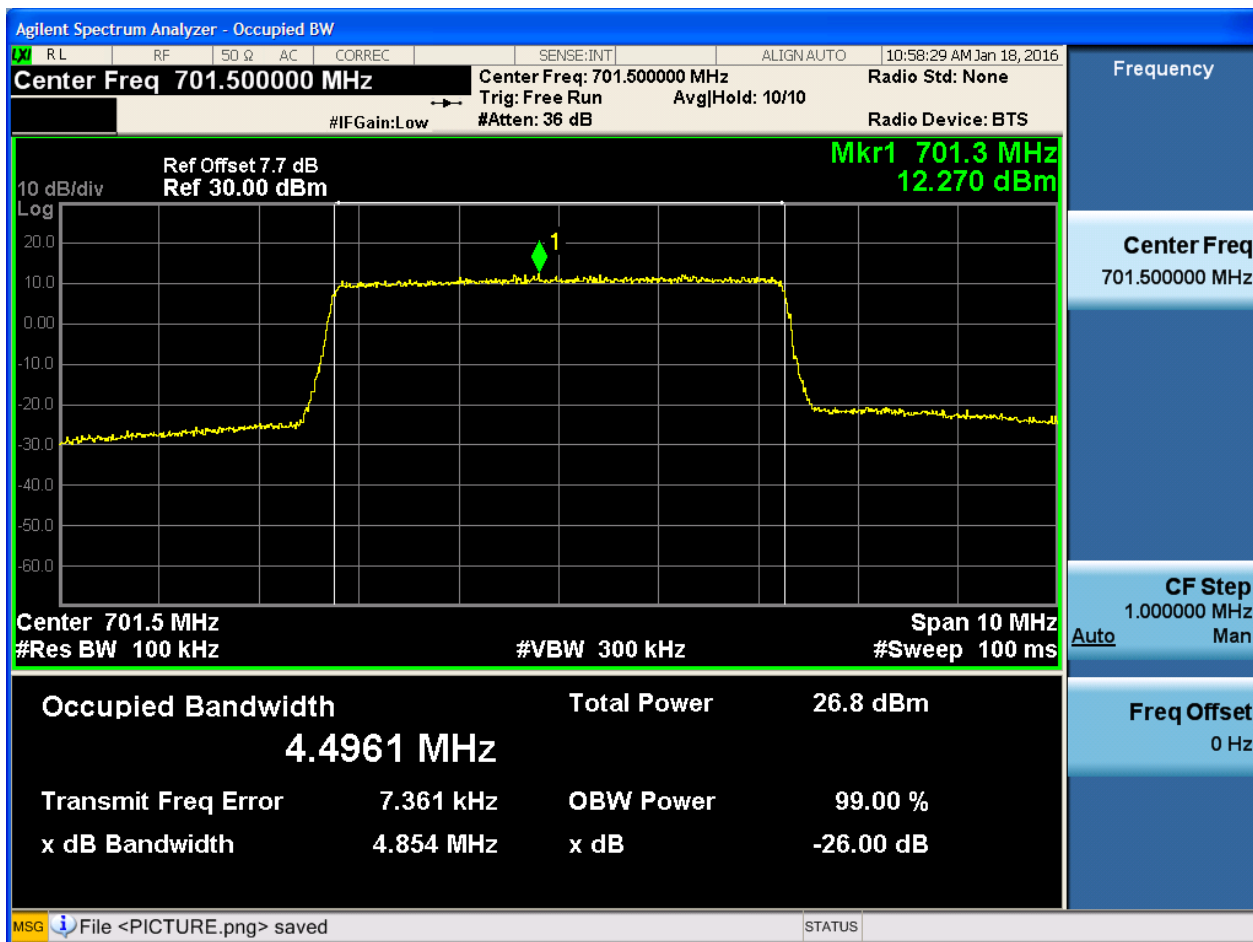




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

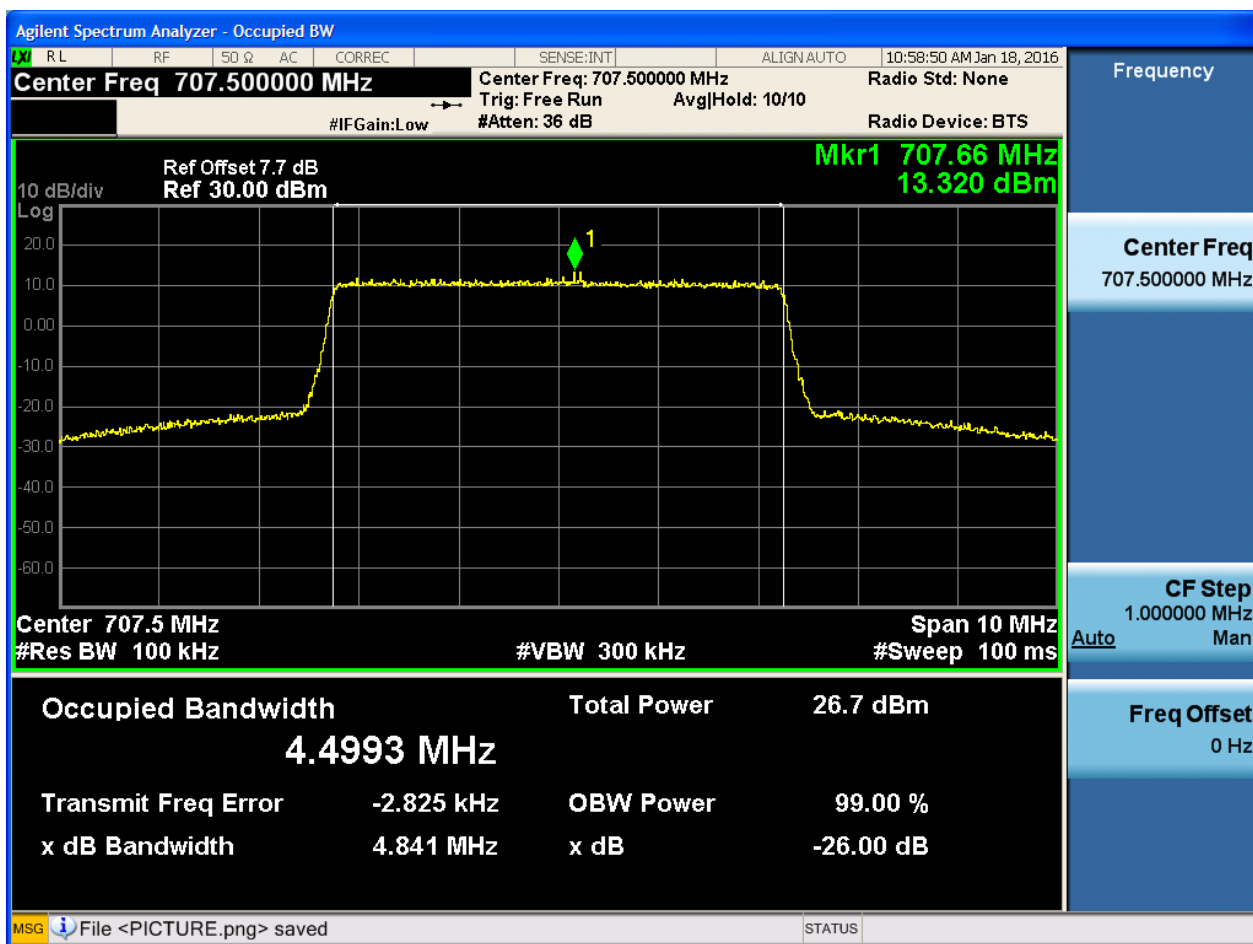
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

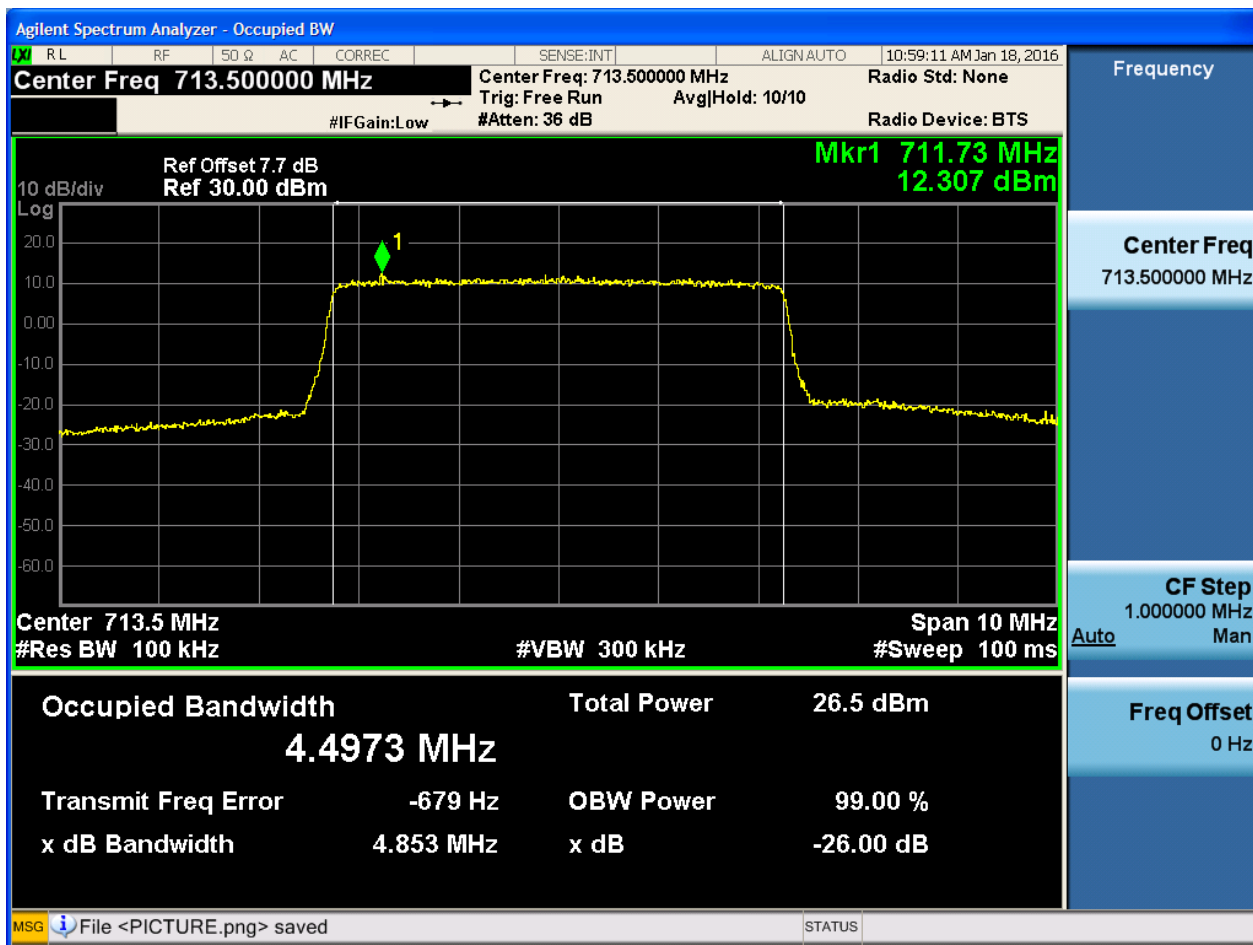
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

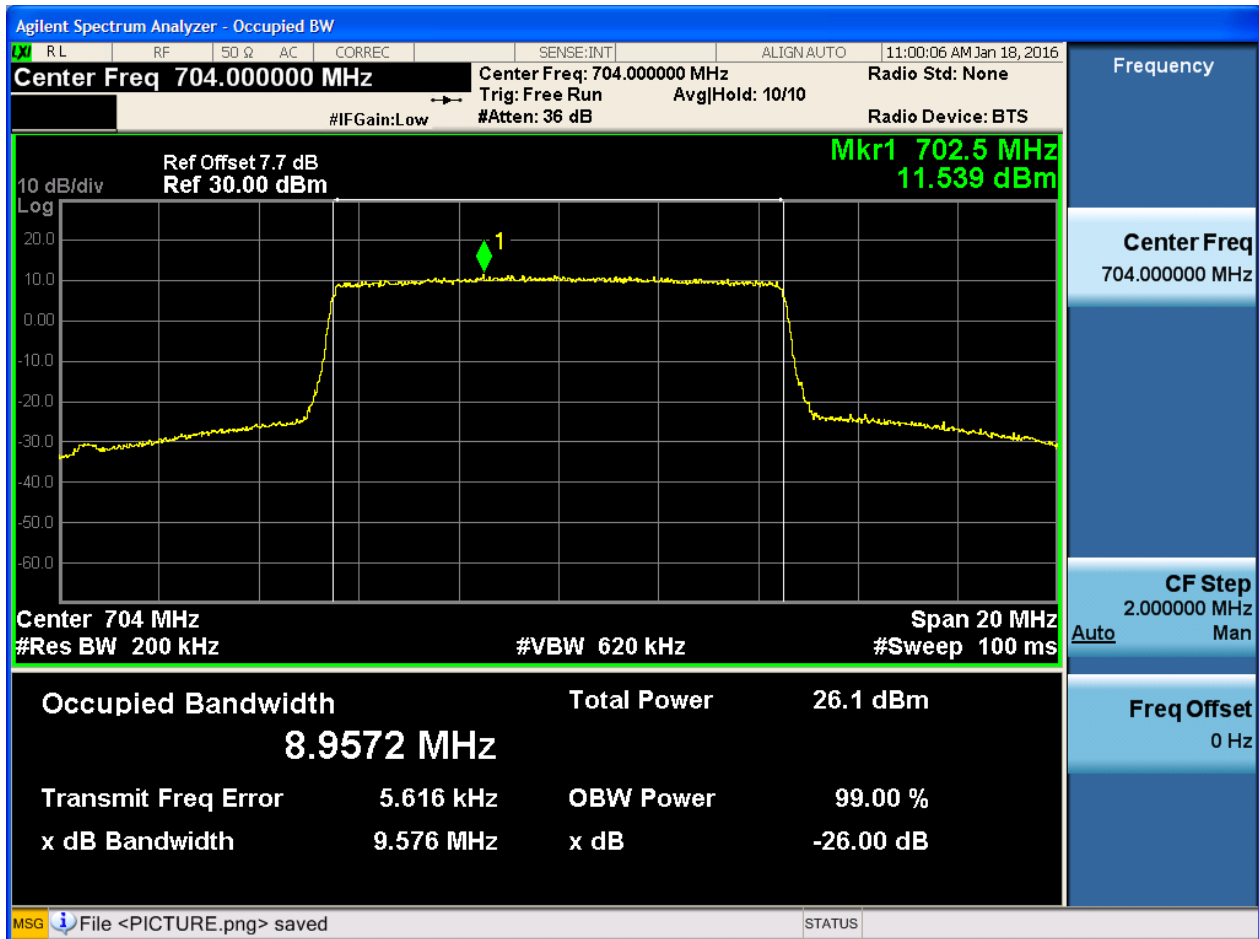




4.1.1.2.4 Test Bandwidth = 10

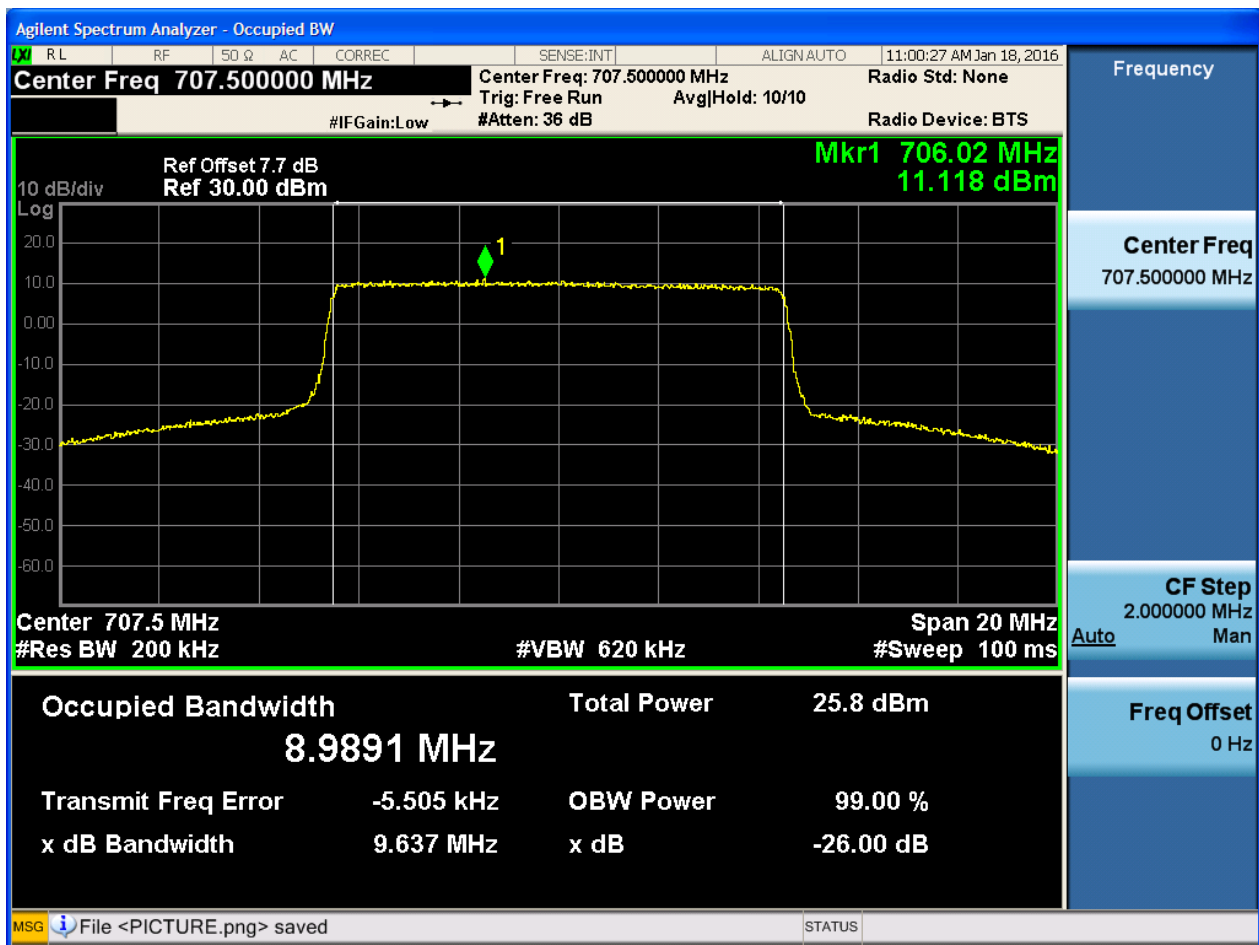
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



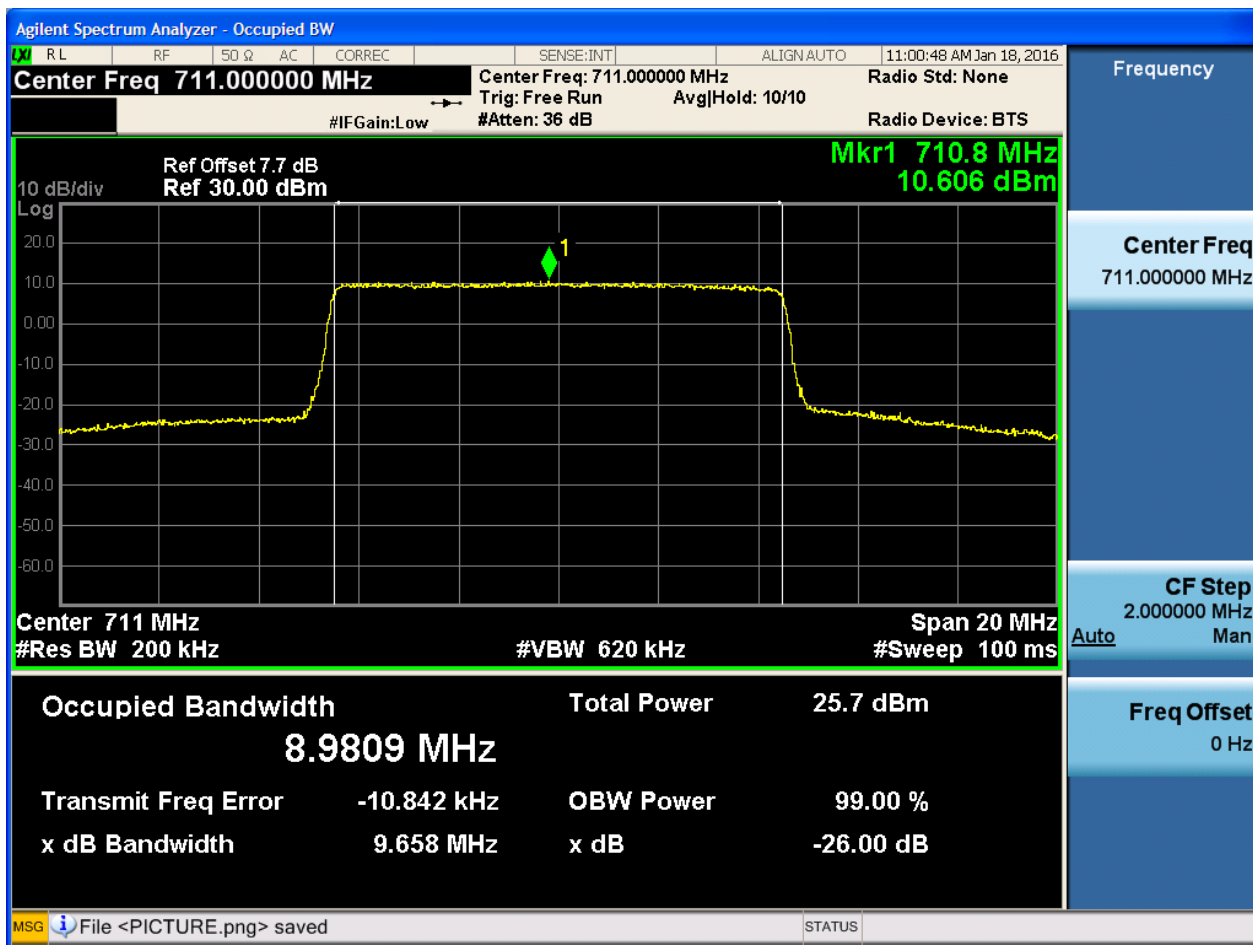
4.1.1.2.4.2 Test Channel = MCH

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 = BAND12

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#5



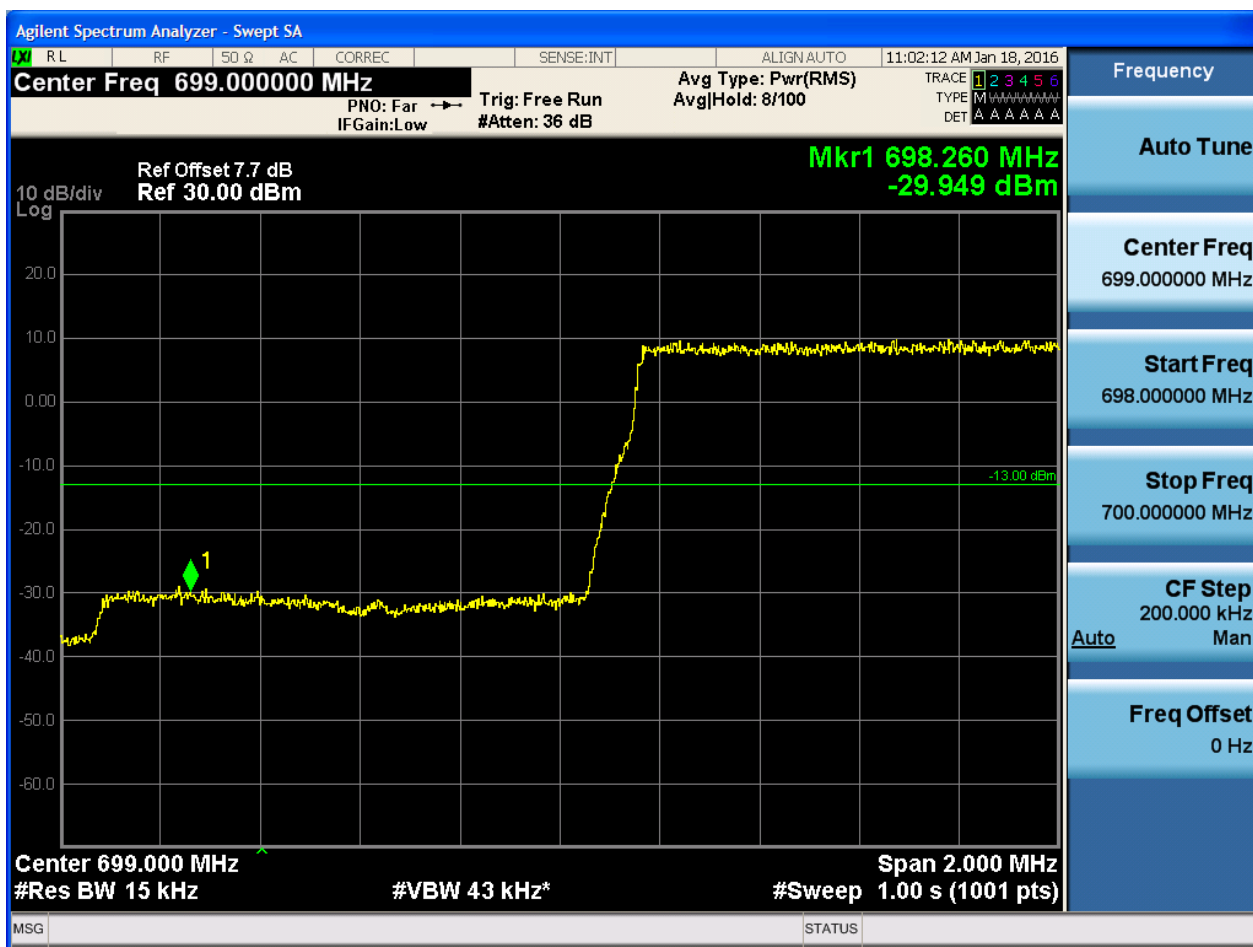


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0



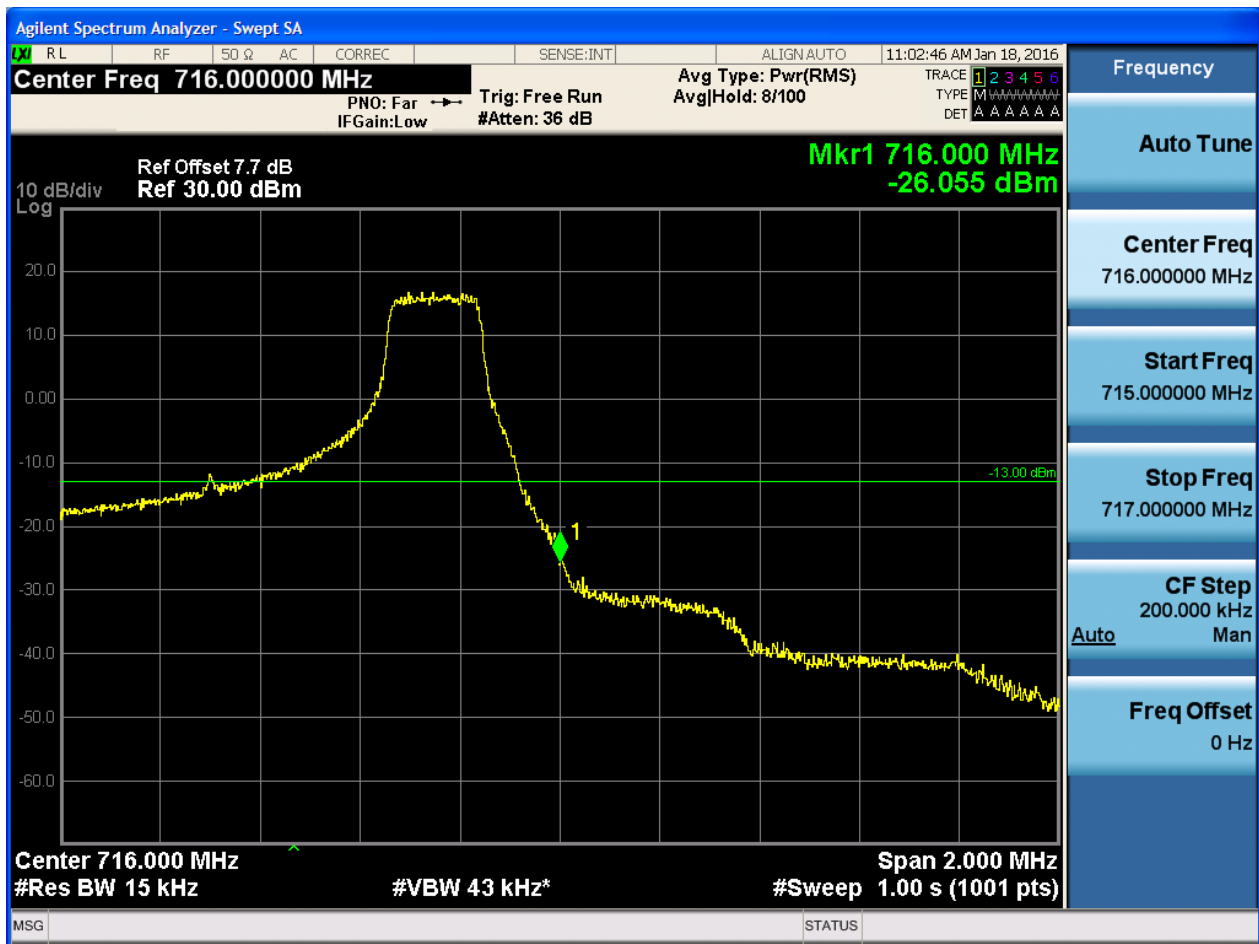
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

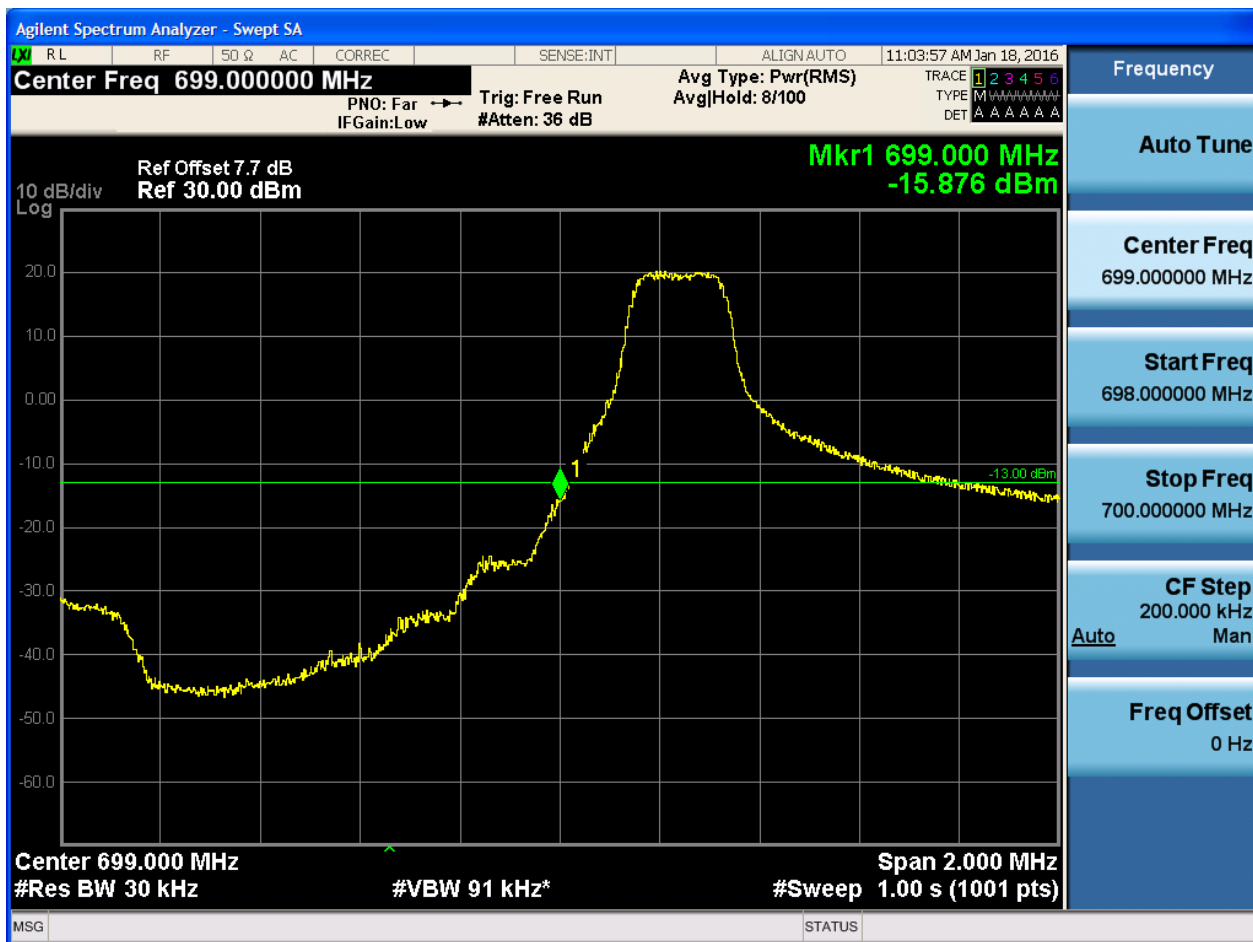




5.1.1.1.2 Test Bandwidth = 3

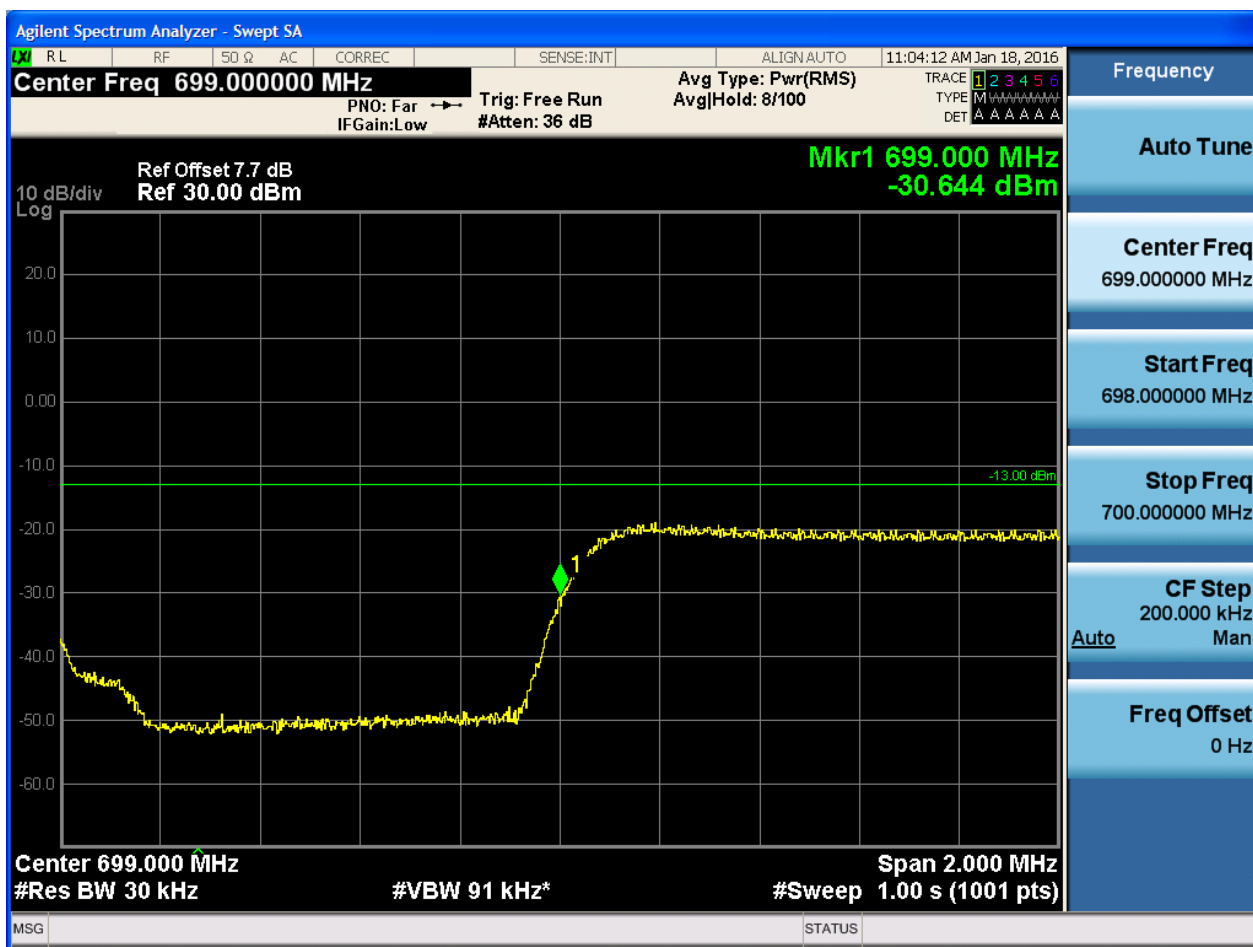
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



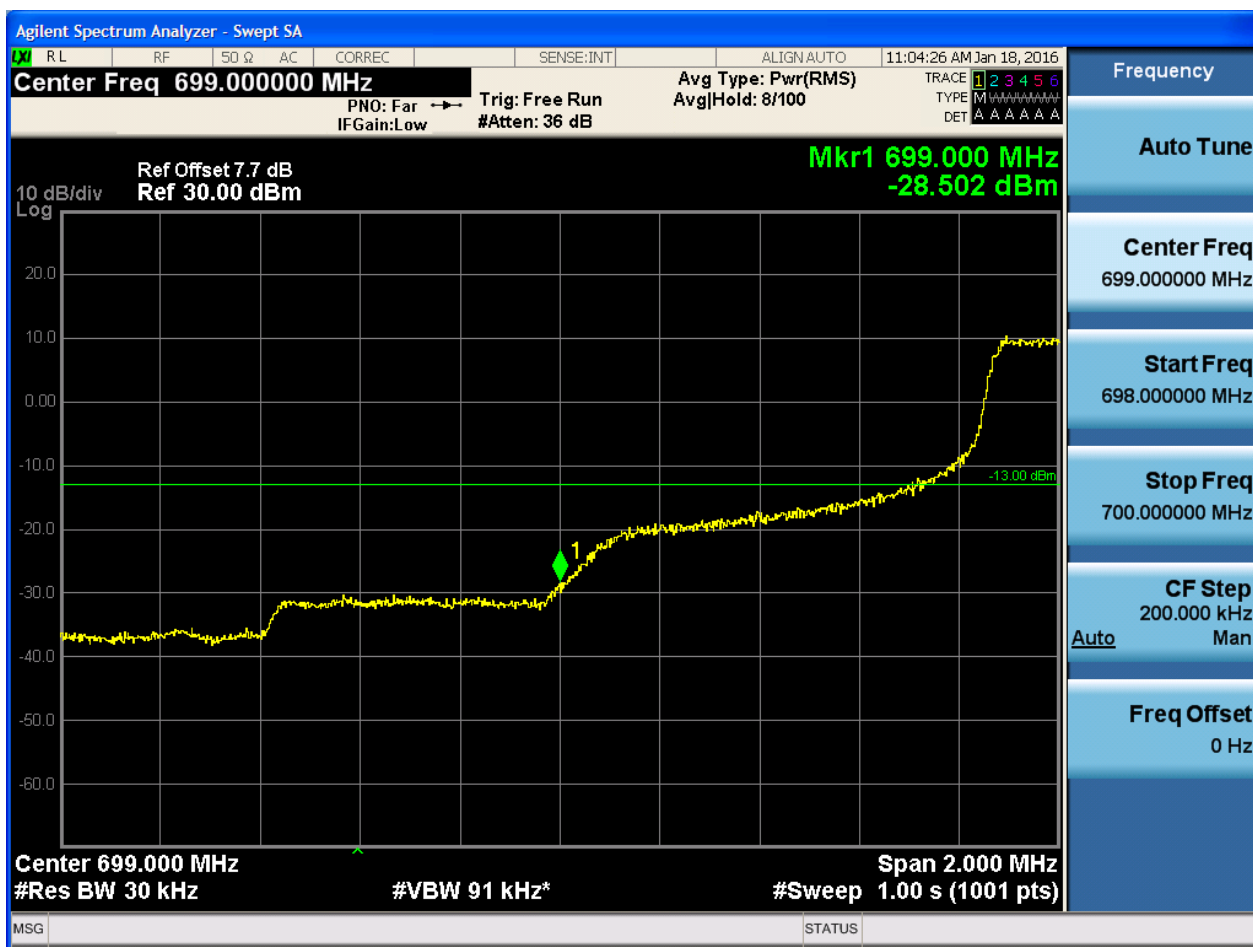


5.1.1.1.2.1.2 Test RB = RB1#14



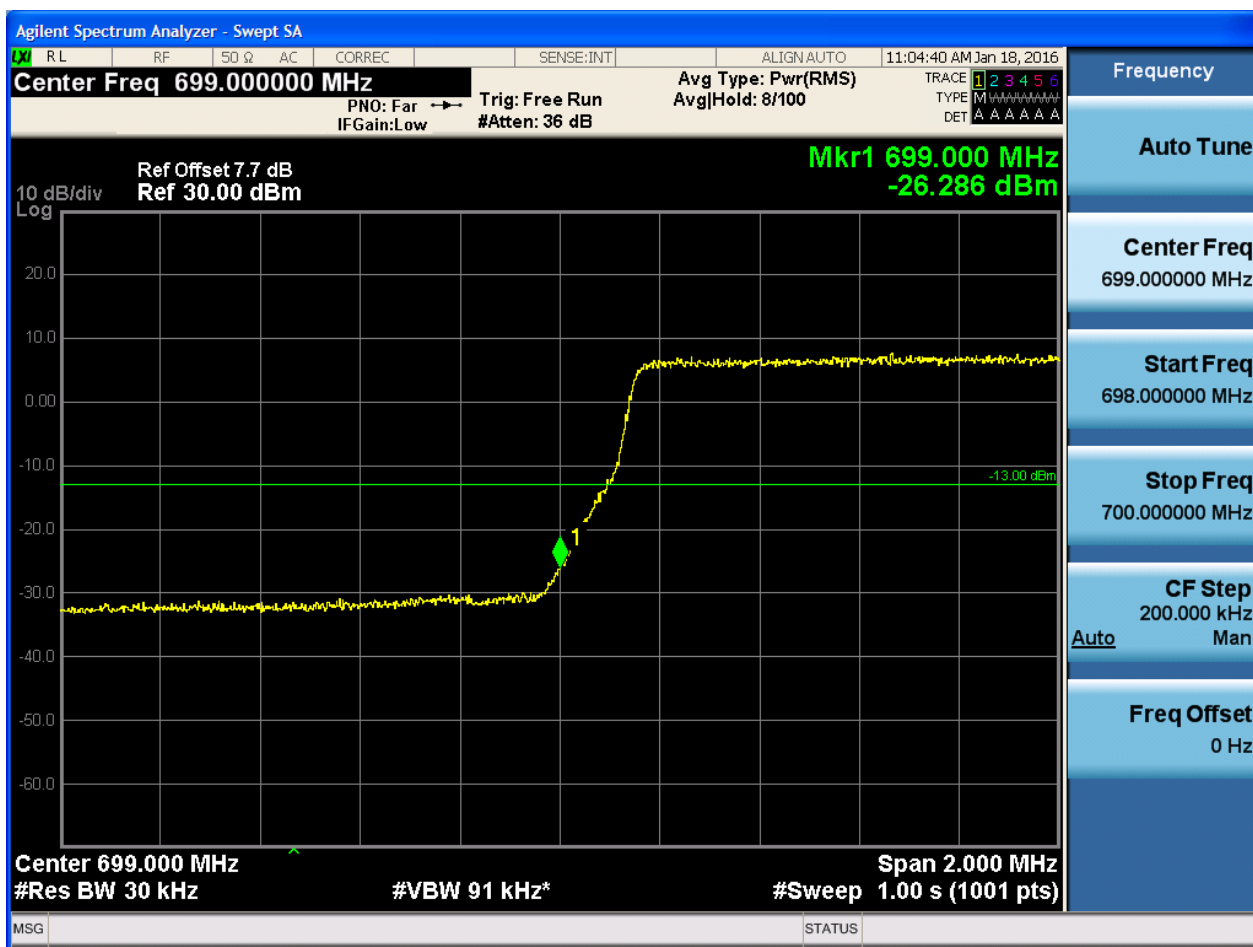


5.1.1.1.2.1.3 Test RB = RB8#4



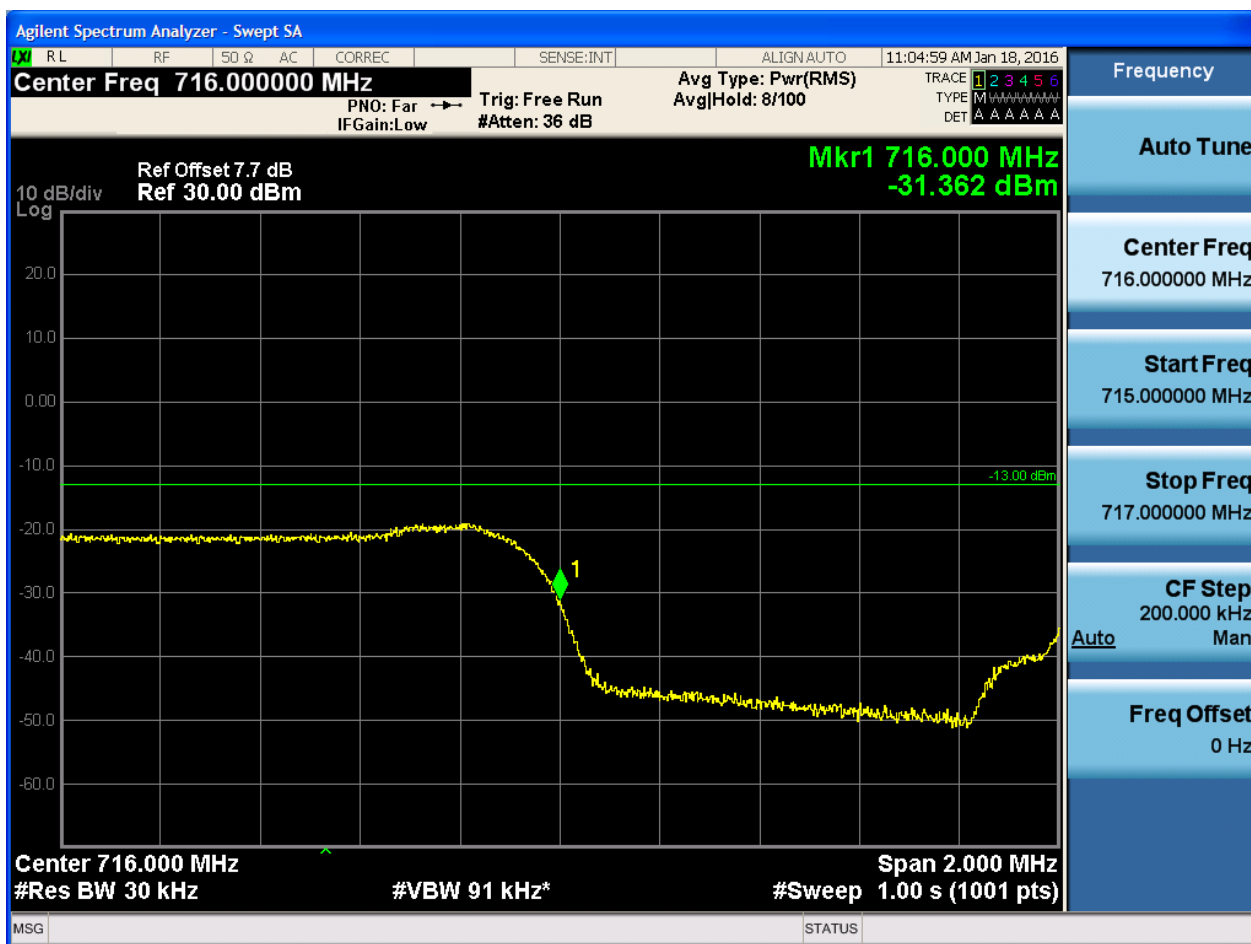


5.1.1.1.2.1.4 Test RB = RB15#0



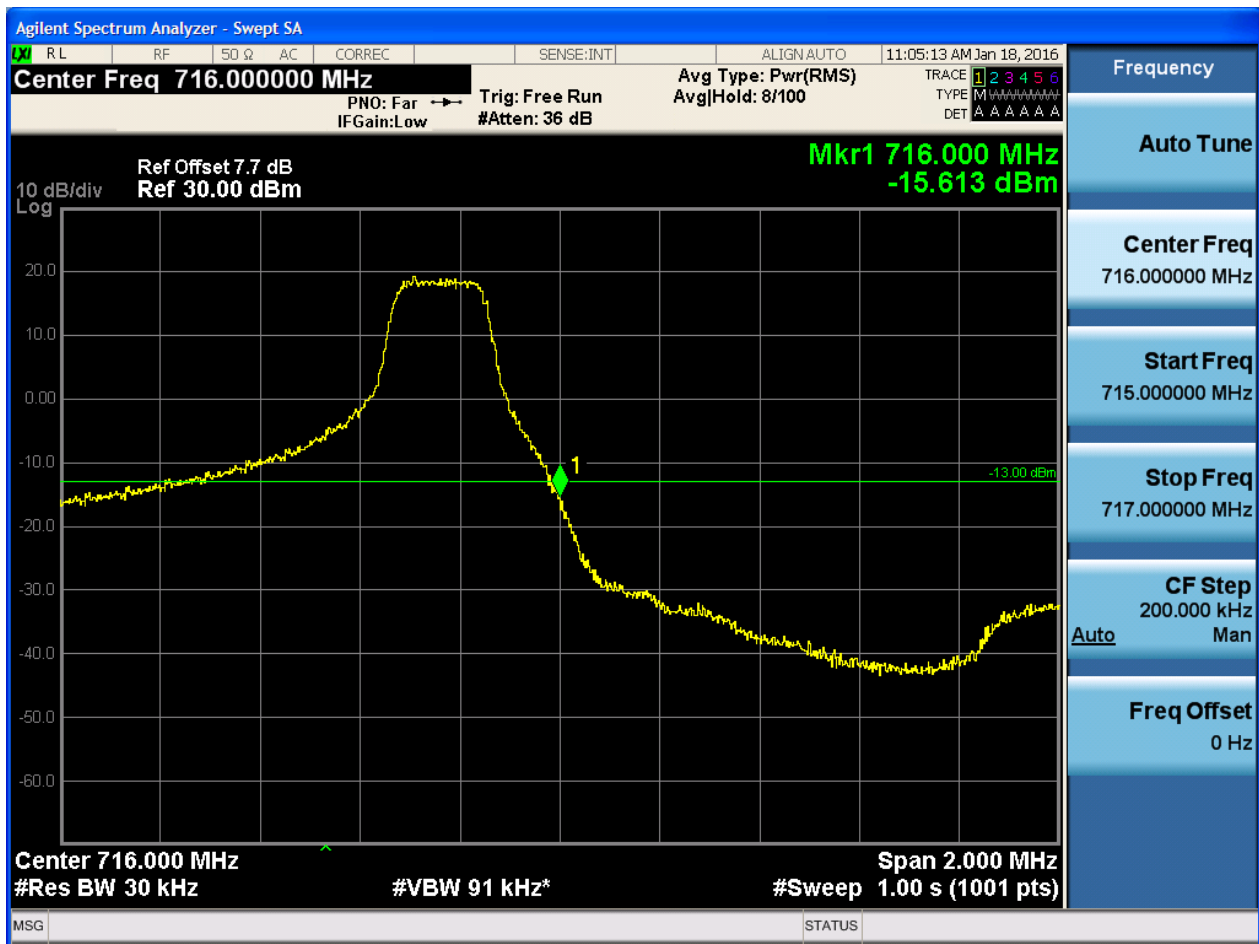
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



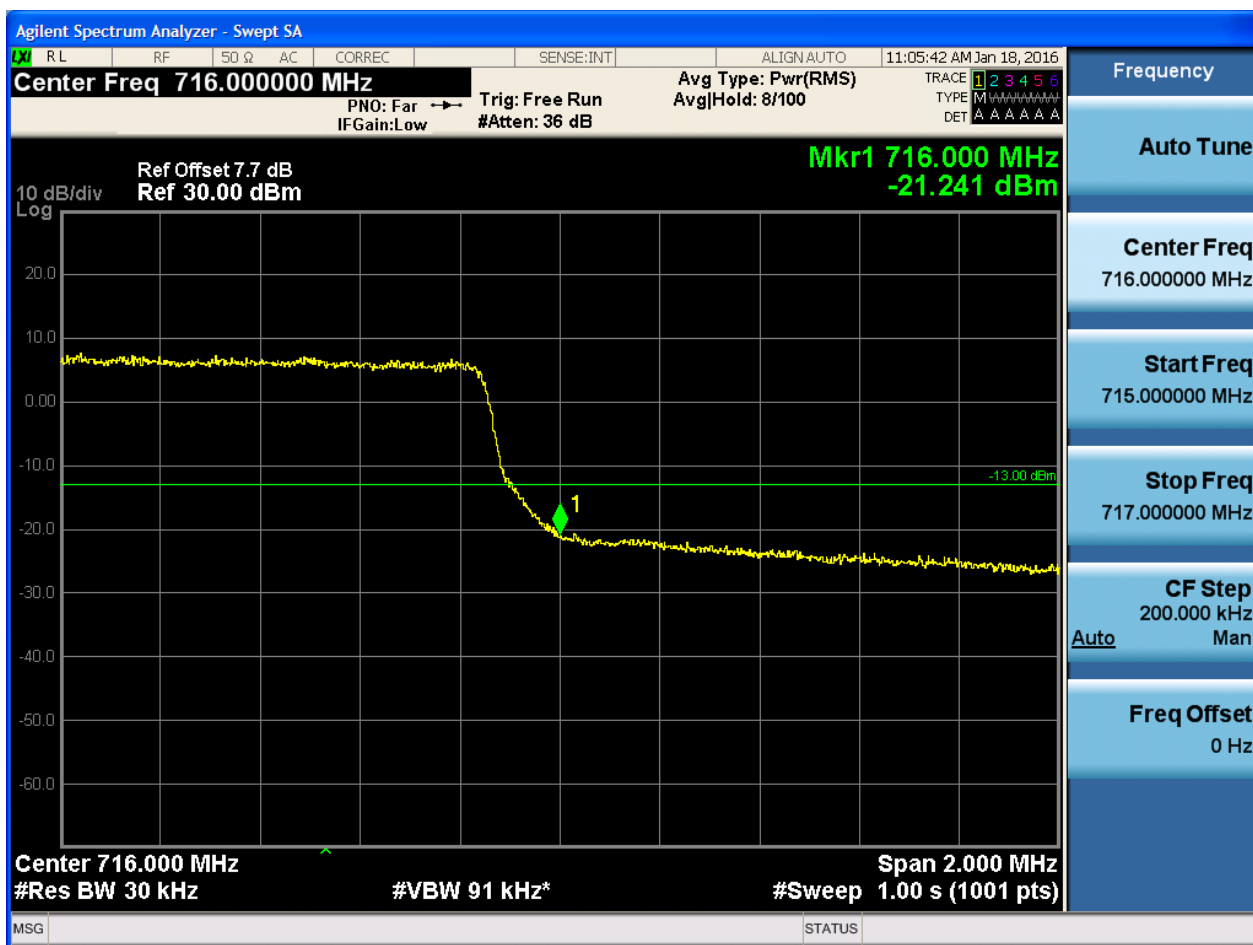


5.1.1.1.2.2.3 Test RB = RB8#4





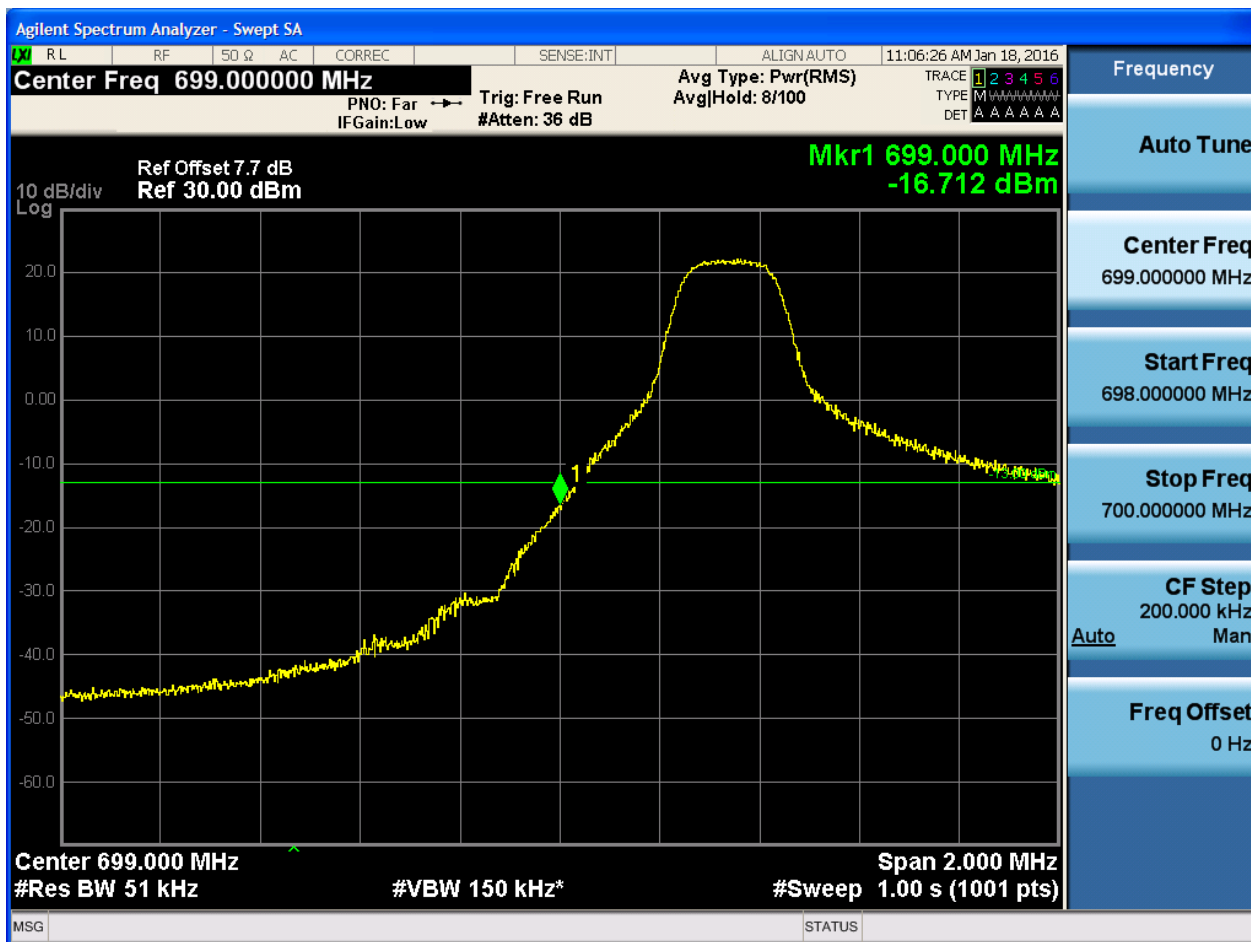
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

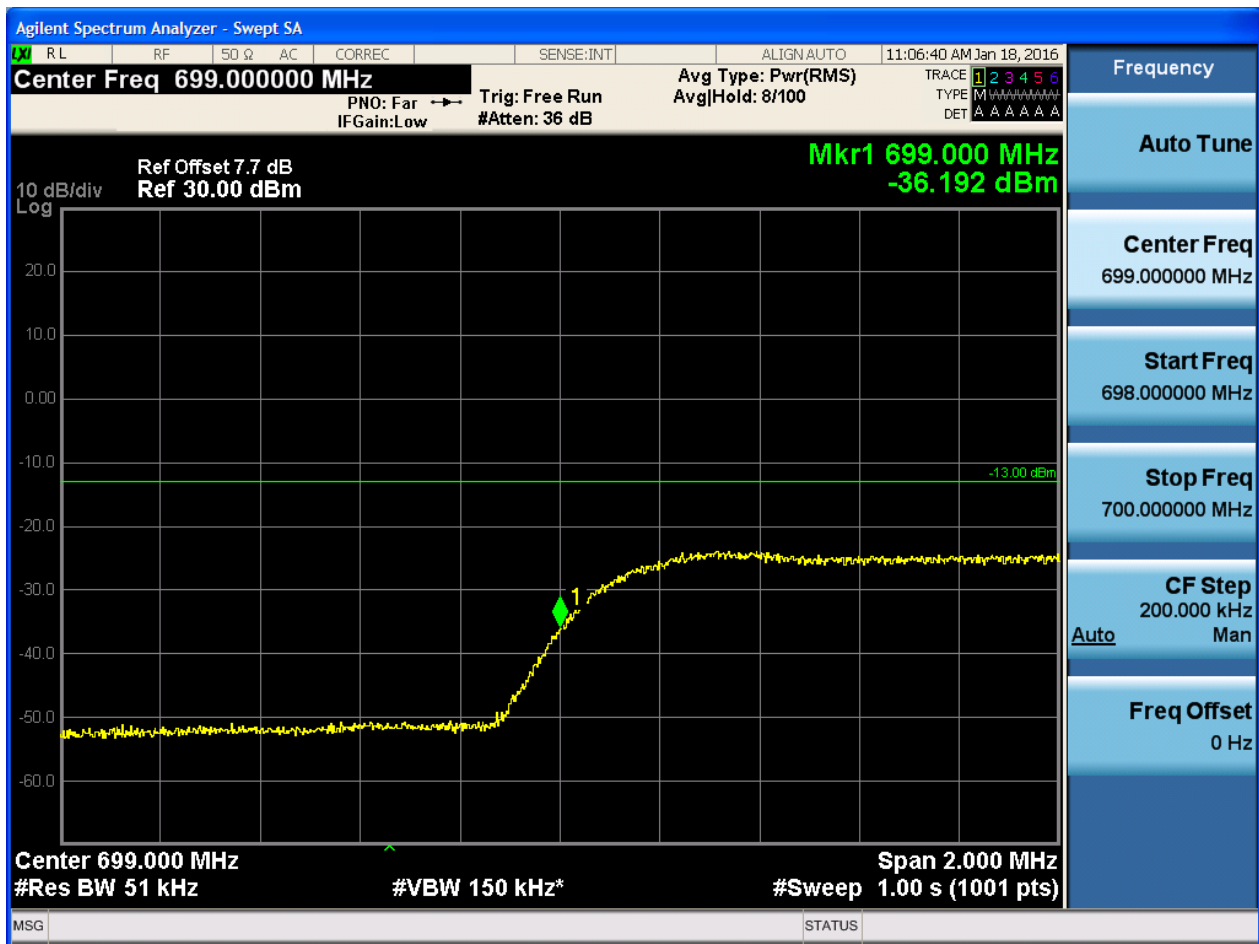
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 699.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 699.000 MHz
-30.436 dBm

Center 699.000 MHz
#Res BW 51 kHz

#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
699.000000 MHz

Start Freq
698.000000 MHz

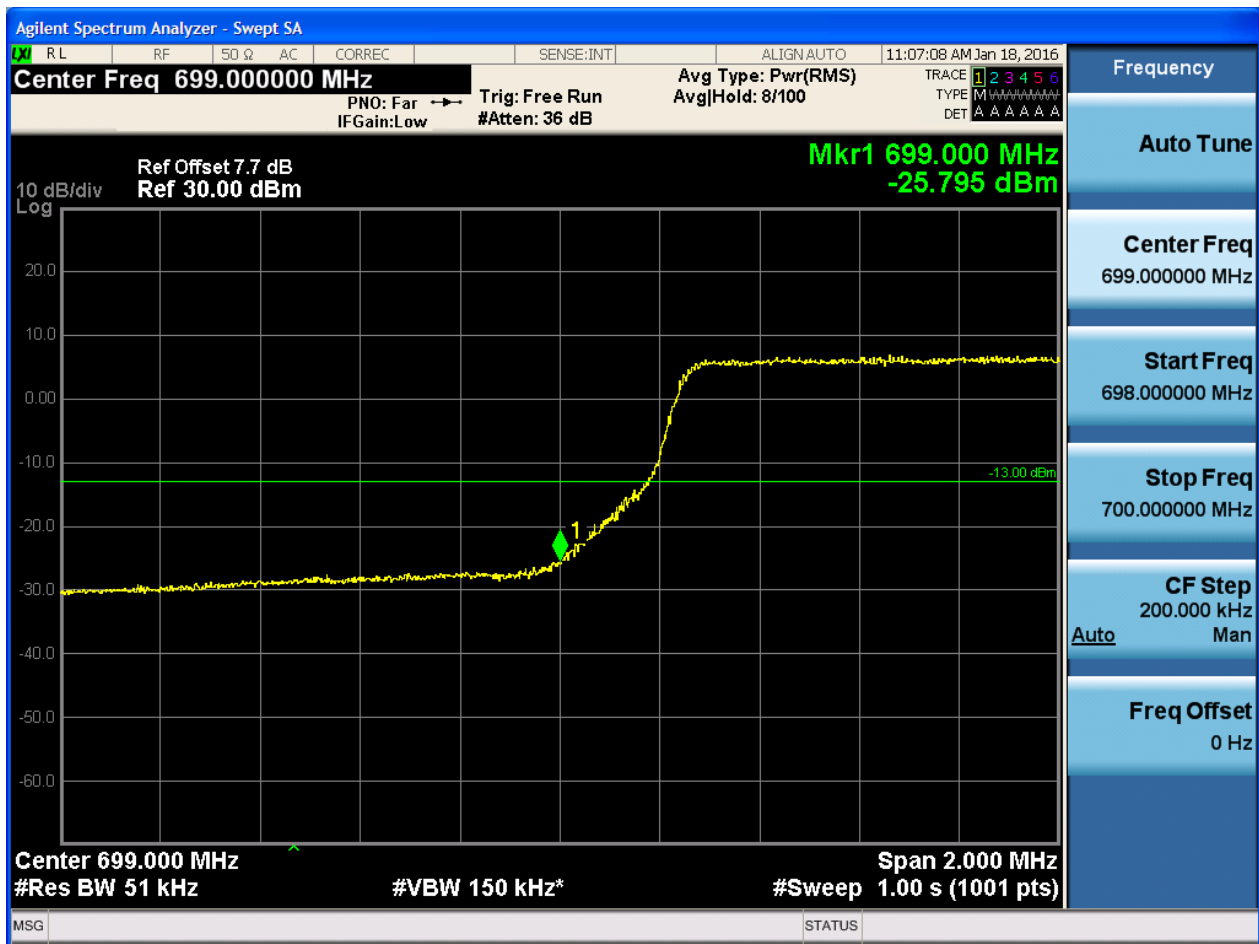
Stop Freq
700.000000 MHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



5.1.1.1.3.1.4 Test RB = RB25#0





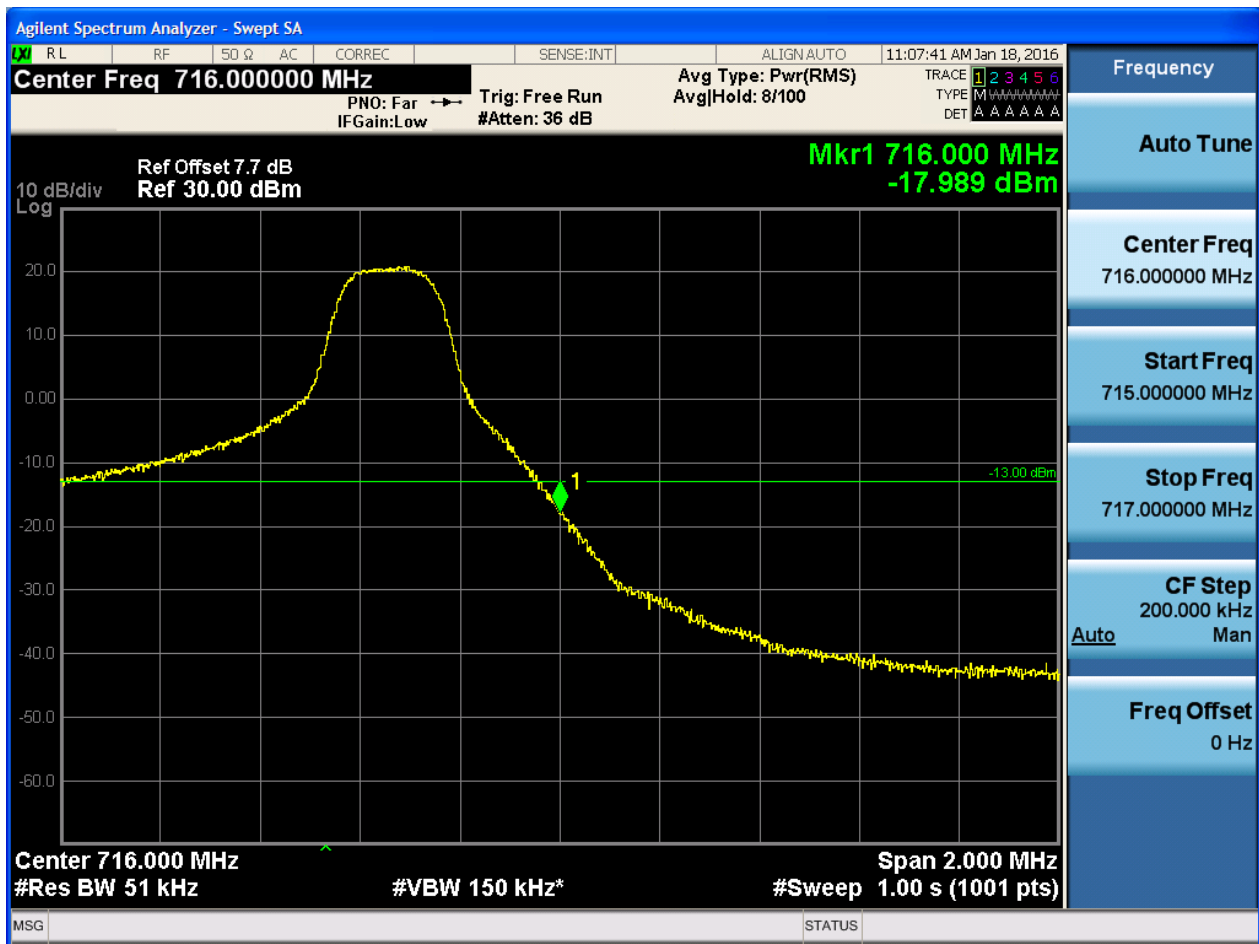
5.1.1.1.3.2 Test Channel = HCH

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





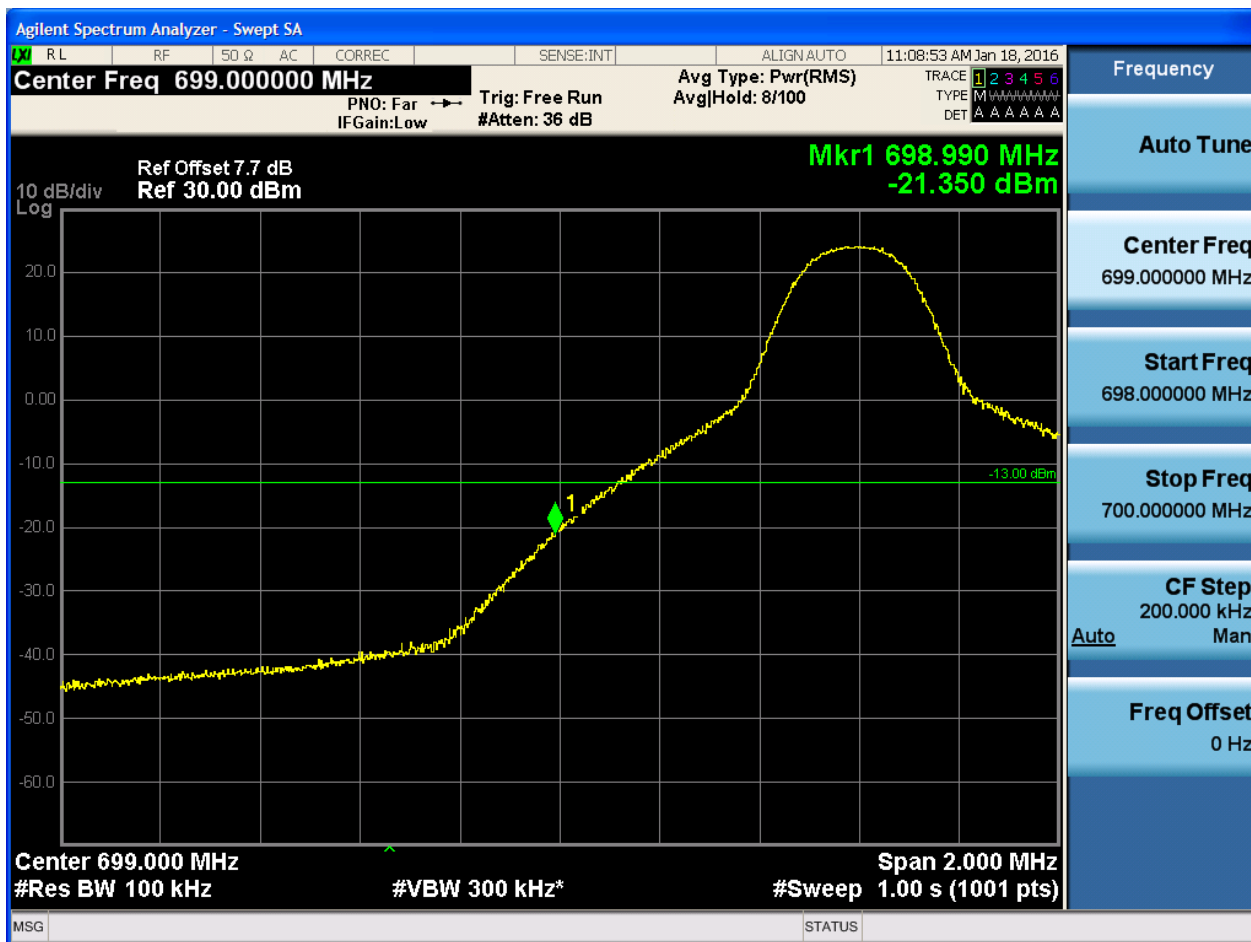
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

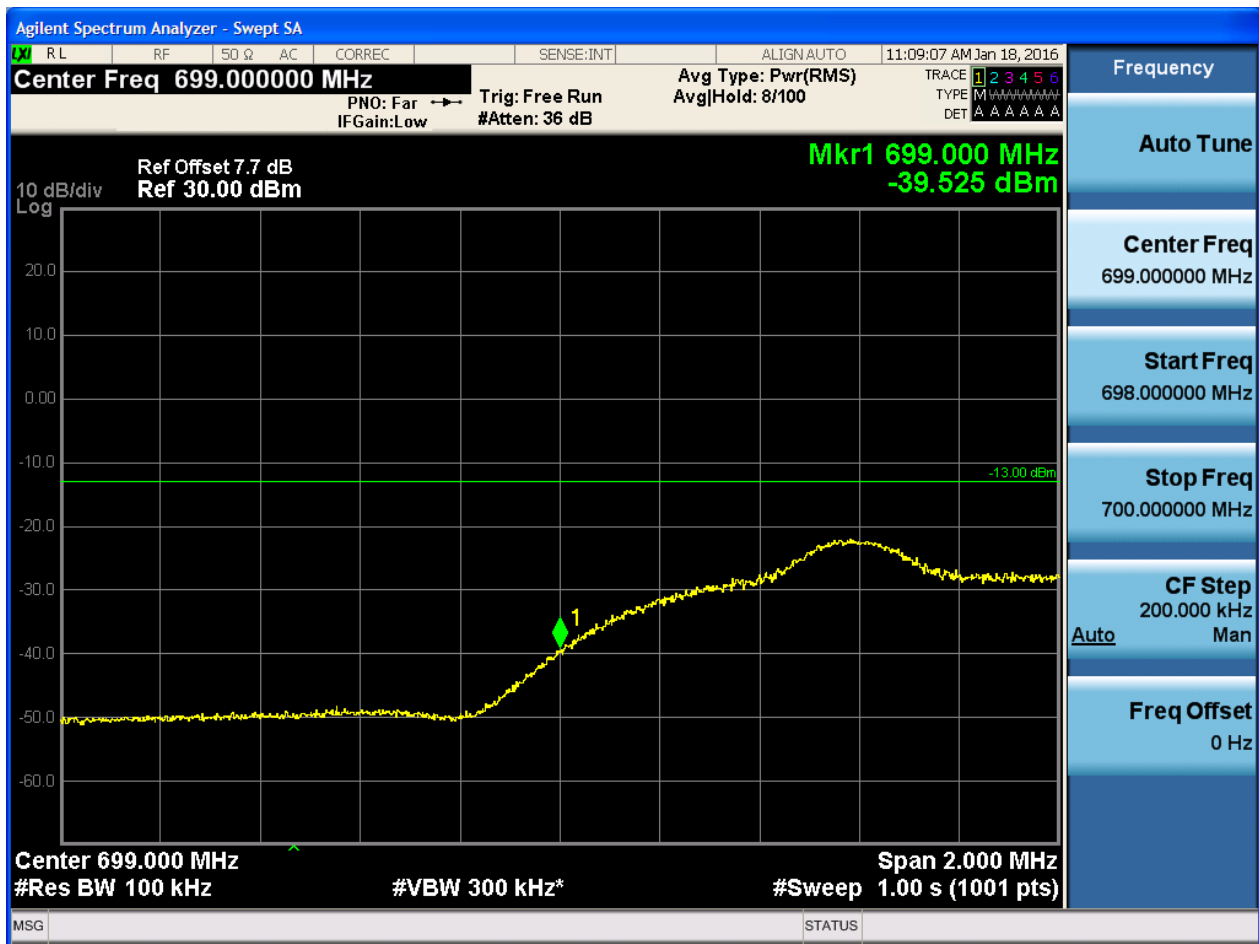
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

Center Freq 699.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: Pwr(RMS)
Avg|Hold: 8/100

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

Mkr1 698.970 MHz
-29.825 dBm

-13.00 dBm

Center 699.000 MHz
#Res BW 100 kHz

#VBW 300 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
699.000000 MHz

Start Freq
698.000000 MHz

Stop Freq
700.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

MSG STATUS



Agilent Spectrum Analyzer - Swept SA

Center Freq 699.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Center 699.000 MHz
#Res BW 100 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
699.000000 MHz

Start Freq
698.000000 MHz

Stop Freq
700.000000 MHz

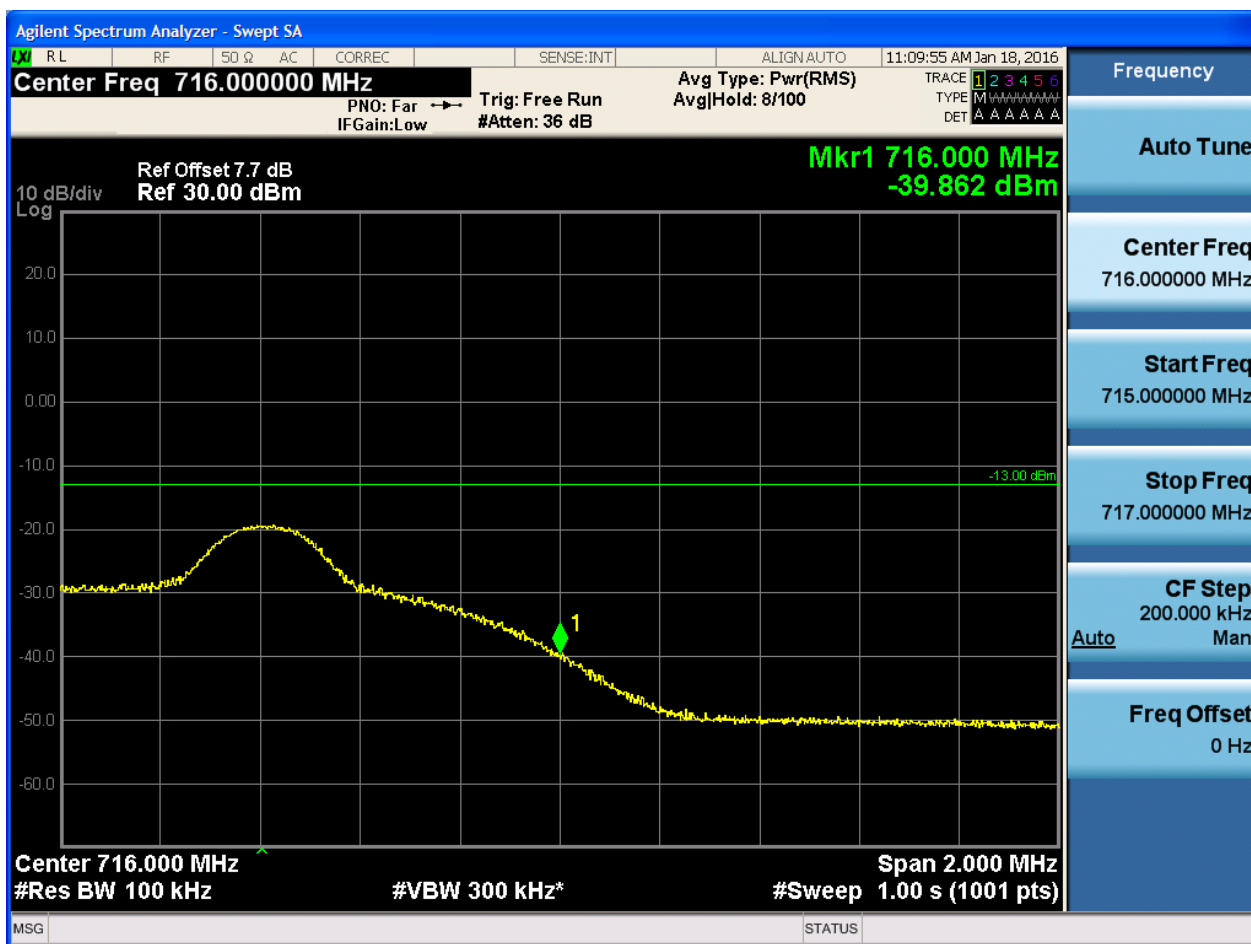
CF Step
200.000 kHz
Man

Freq Offset
0 Hz

MSG STATUS

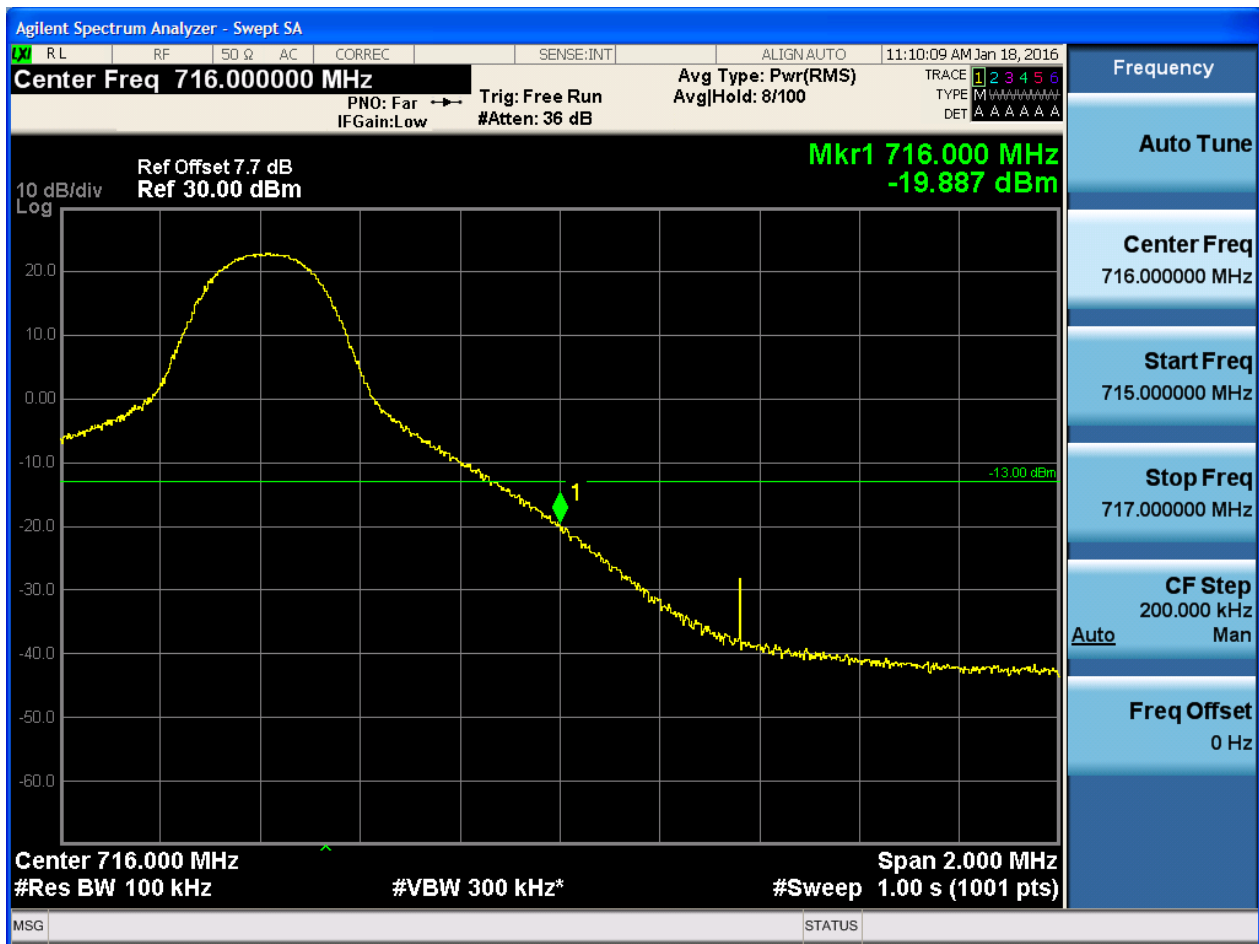
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

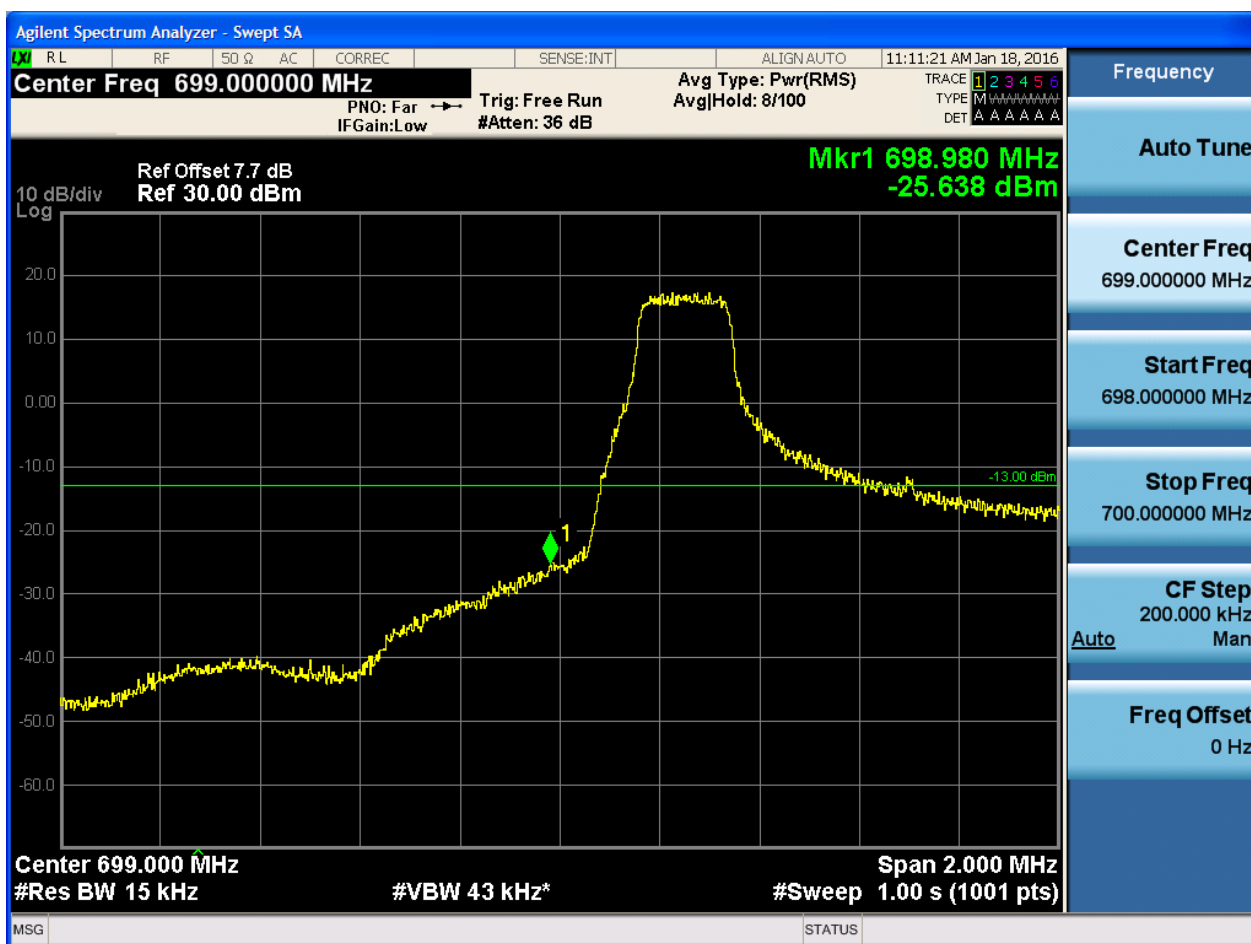


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



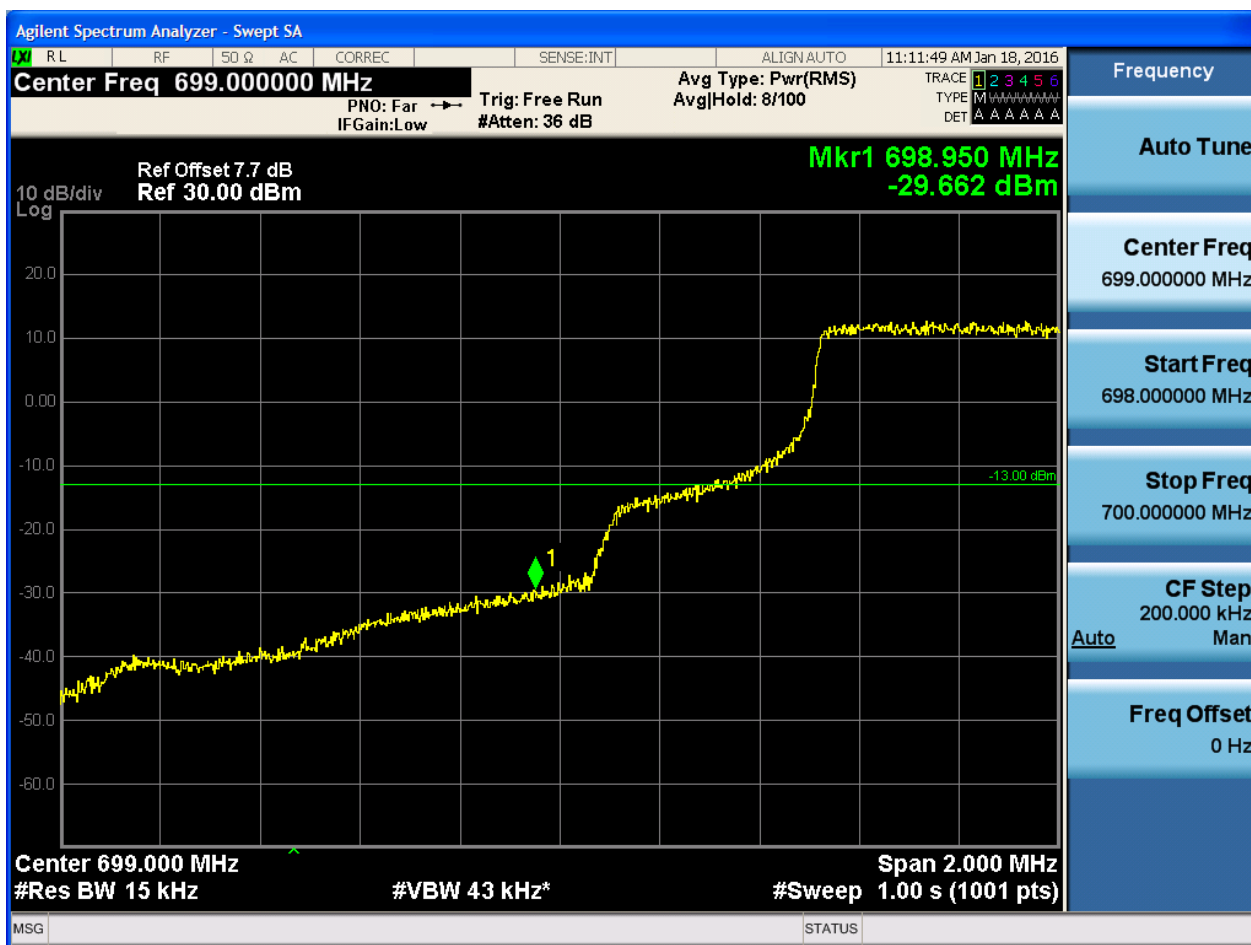


5.1.1.2.1.1.2 Test RB = RB1#5

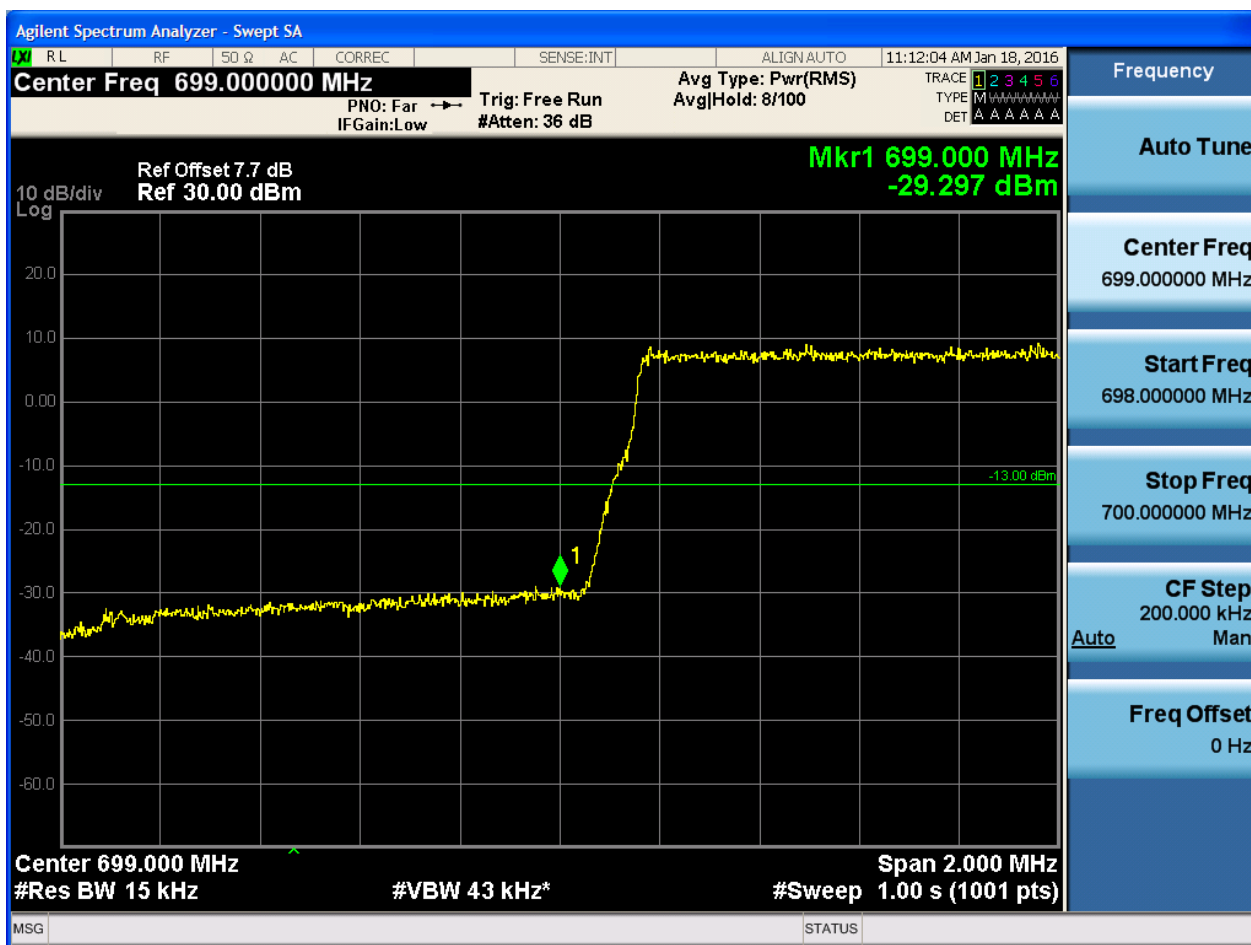




5.1.1.2.1.1.3 Test RB = RB3#2



5.1.1.2.1.1.4 Test RB = RB6#0



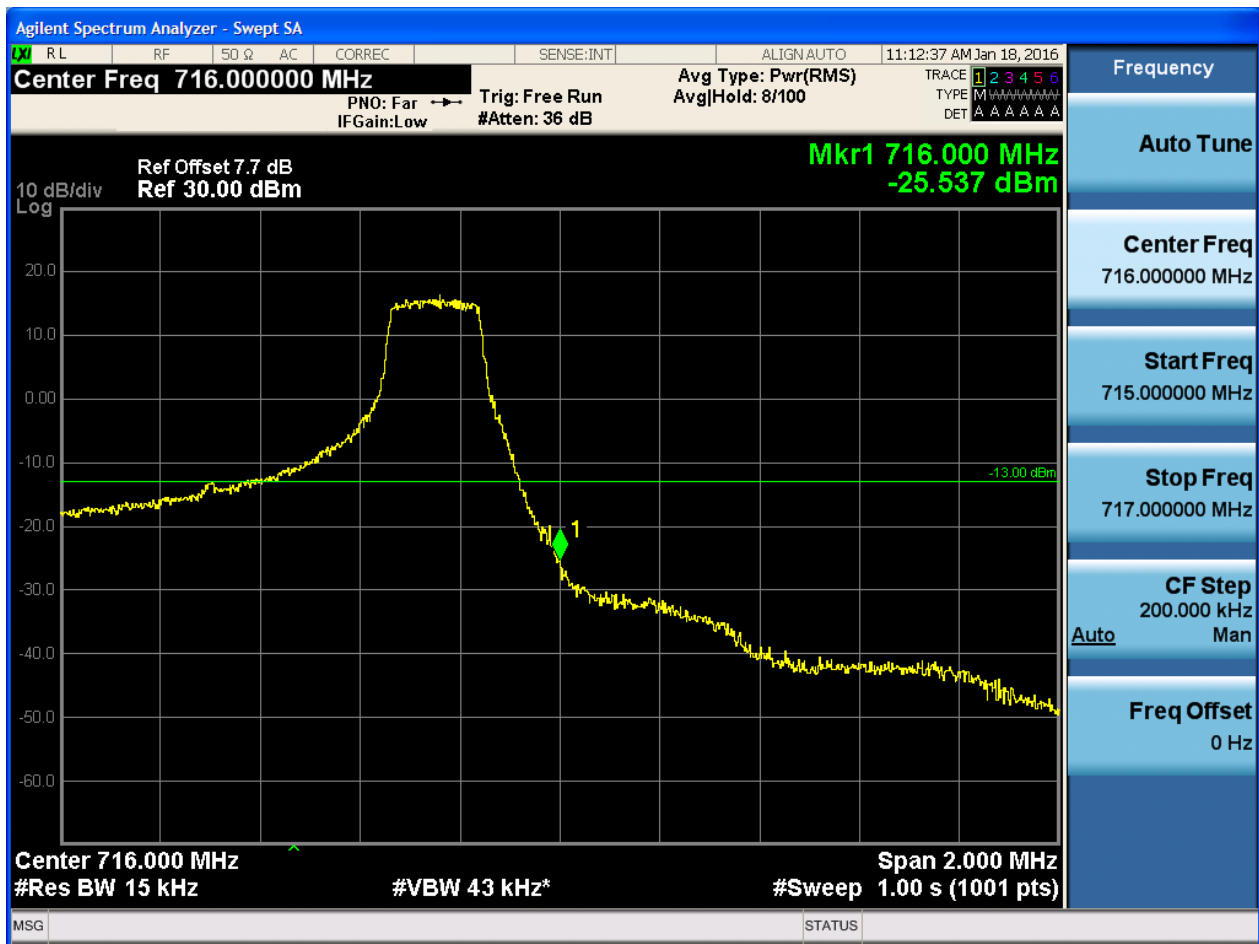
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5



5.1.1.2.1.2.3 Test RB = RB3#2





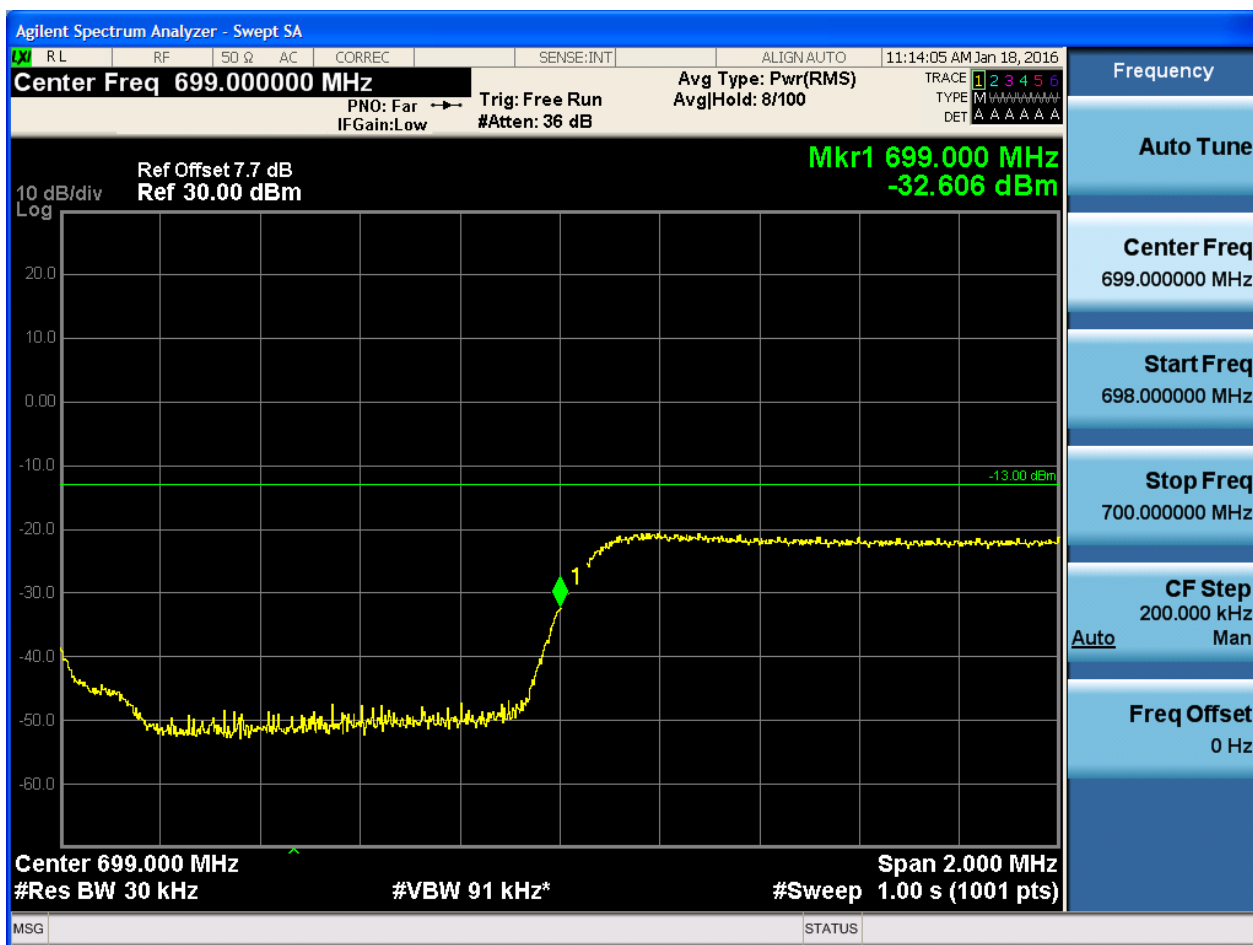
5.1.1.2.1.2.4 Test RB = RB6#0





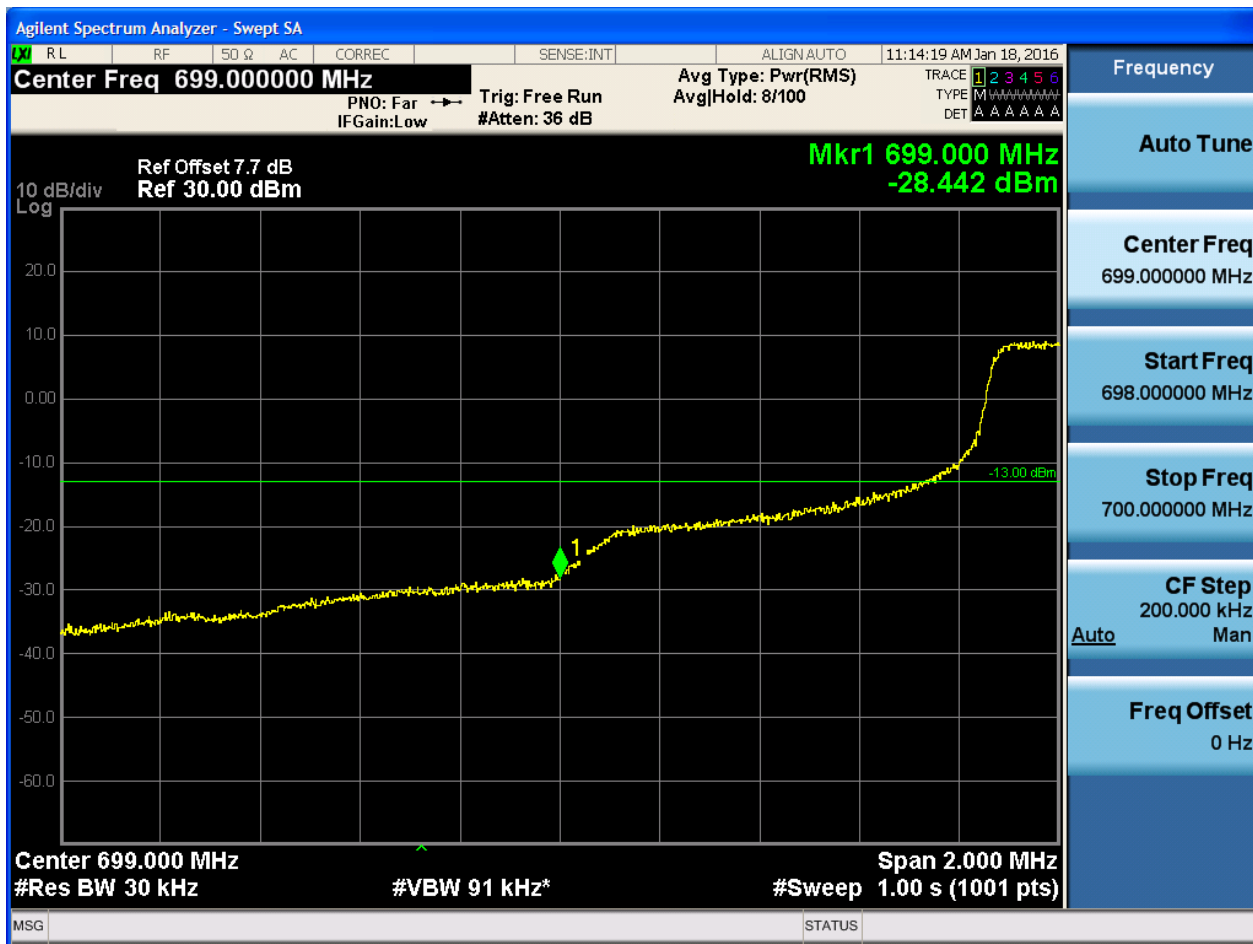


5.1.1.2.1.2 Test RB = RB1#14



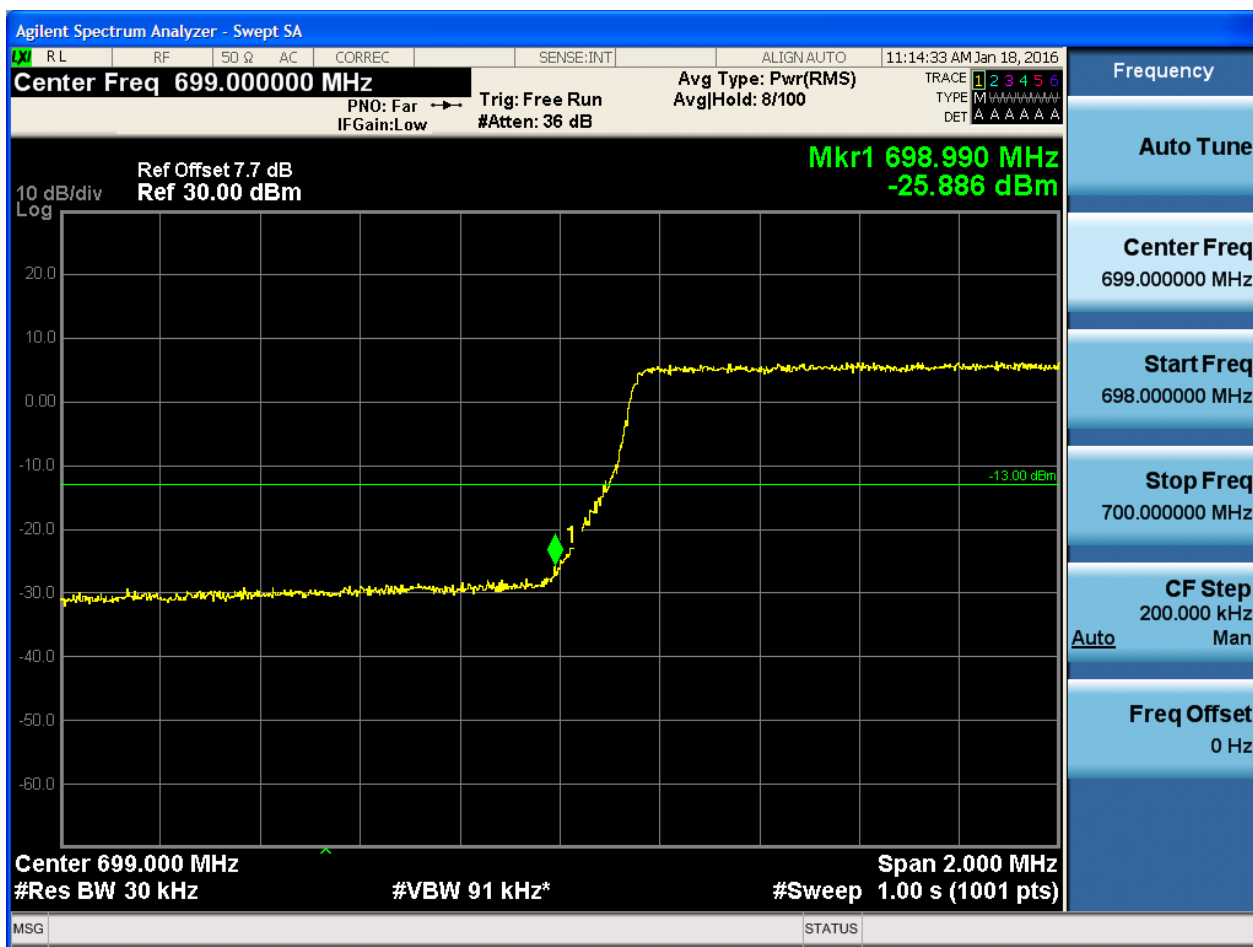


5.1.1.2.2.1.3 Test RB = RB8#4



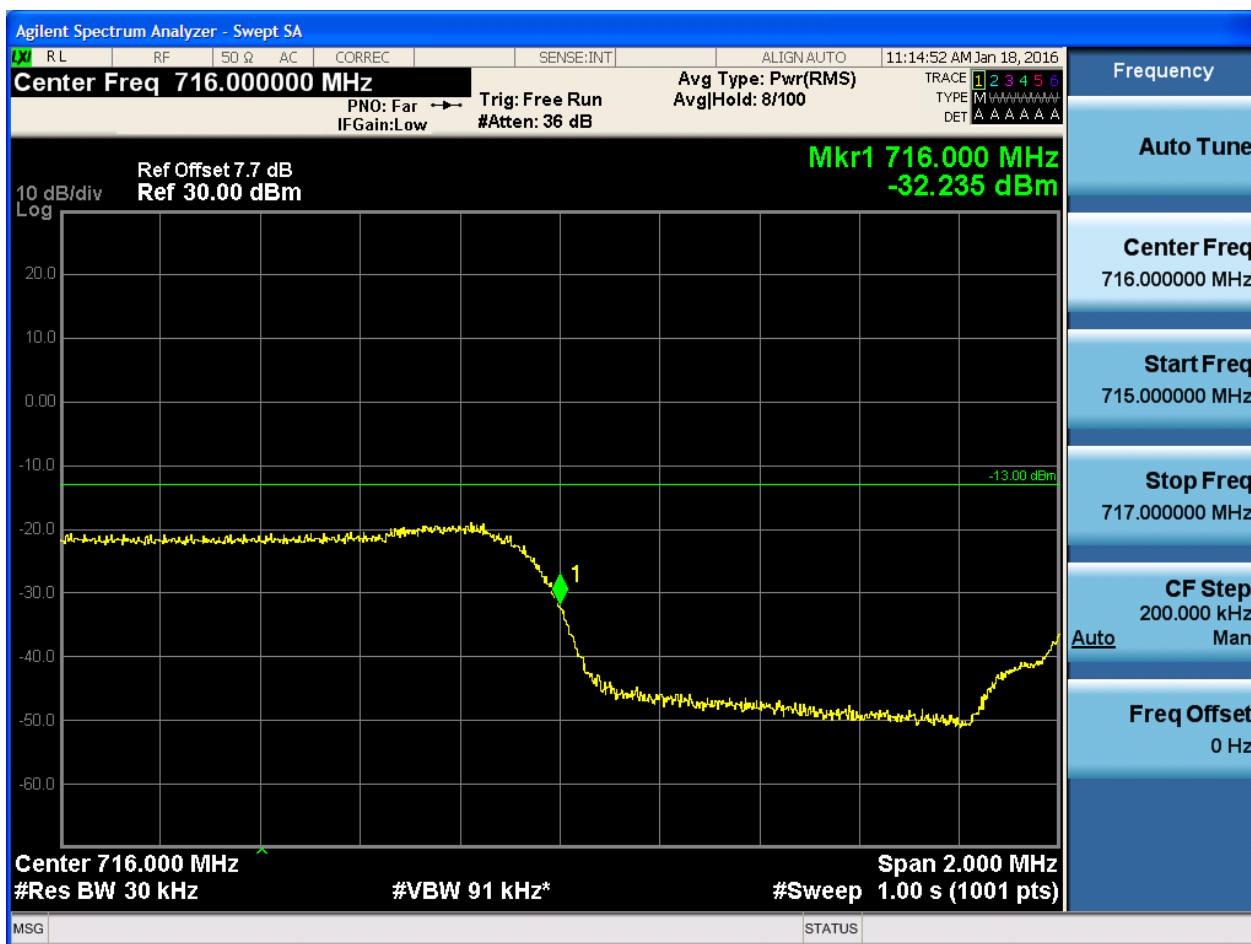


5.1.1.2.2.1.4 Test RB = RB15#0



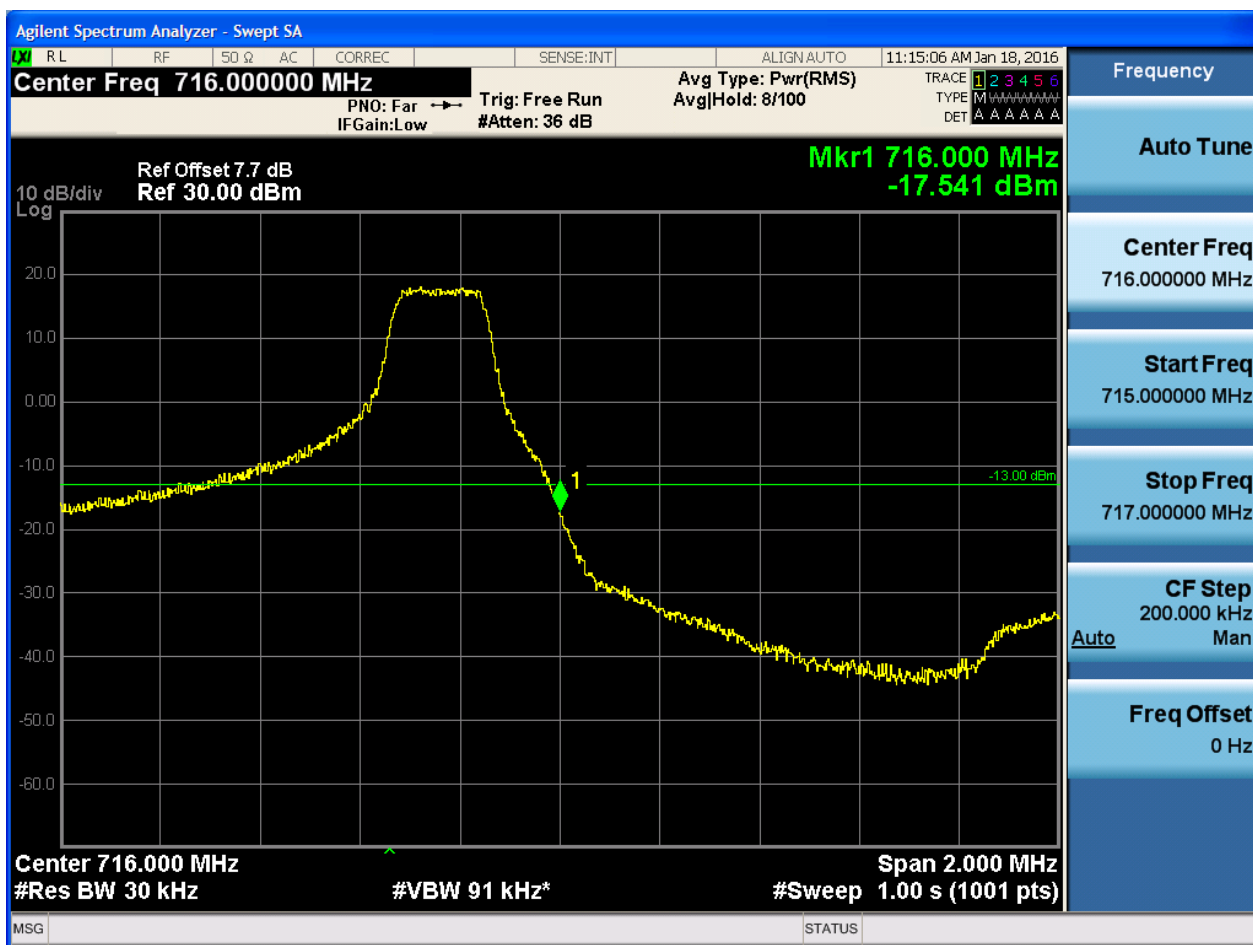
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14





5.1.1.2.2.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

Center Freq 716.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 716.000 MHz
-24.306 dBm

Center 716.000 MHz
#Res BW 30 kHz
#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
716.000000 MHz

Start Freq
715.000000 MHz

Stop Freq
717.000000 MHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

The screenshot displays a spectrum analyzer interface. The main plot area shows a yellow trace on a black background with a white grid. The trace is relatively flat at approximately 5 dBm from 715 MHz to 716 MHz, then drops sharply to about -24 dBm at 716 MHz, and remains flat thereafter. A green horizontal line is drawn at -13.00 dBm. A green marker labeled '1' is placed on the trace at the drop point. The top of the screen shows various settings: Center Freq 716.000000 MHz, Ref Offset 7.7 dB, Ref 30.00 dBm, 10 dB/div, Log, Mkr1 716.000 MHz, -24.306 dBm, Center 716.000 MHz, #Res BW 30 kHz, #VBW 91 kHz*, Span 2.000 MHz, #Sweep 1.00 s (1001 pts). The right side of the screen has a blue sidebar with buttons for Frequency, Auto Tune, Center Freq, Start Freq, Stop Freq, CF Step, and Freq Offset.





5.1.1.2.3.1.2 Test RB = RB1#24

