



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	22.23	17.08	34.7	PASS
				RB1#3	22.44	17.29	34.7	PASS
				RB1#5	22.31	17.16	34.7	PASS
				RB3#0	22.26	17.11	34.7	PASS
				RB3#2	22.42	17.27	34.7	PASS
				RB3#3	22.37	17.22	34.7	PASS
			MCH	RB6#0	21.46	16.31	34.7	PASS
				RB1#0	22.73	17.58	34.7	PASS
				RB1#3	22.83	17.68	34.7	PASS
				RB1#5	22.74	17.59	34.7	PASS
				RB3#0	22.8	17.65	34.7	PASS
				RB3#2	22.75	17.6	34.7	PASS
				RB3#3	22.71	17.56	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.75	16.6	34.7	PASS
			HCH	RB1#0	22.7	17.55	34.7	PASS
				RB1#3	22.67	17.52	34.7	PASS
				RB1#5	22.73	17.58	34.7	PASS
				RB3#0	22.7	17.55	34.7	PASS
				RB3#2	22.64	17.49	34.7	PASS
				RB3#3	22.61	17.46	34.7	PASS
				RB6#0	21.69	16.54	34.7	PASS
		3	LCH	RB1#0	22.09	16.94	34.7	PASS
				RB1#7	22.56	17.41	34.7	PASS
				RB1#14	22.25	17.1	34.7	PASS
				RB8#0	21.44	16.29	34.7	PASS
				RB8#4	21.52	16.37	34.7	PASS
				RB8#7	21.49	16.34	34.7	PASS
				RB15#0	21.48	16.33	34.7	PASS
			MCH	RB1#0	22.58	17.43	34.7	PASS
				RB1#7	22.83	17.68	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.47	17.32	34.7	PASS
				RB8#0	21.74	16.59	34.7	PASS
				RB8#4	21.79	16.64	34.7	PASS
				RB8#7	21.71	16.56	34.7	PASS
				RB15#0	21.7	16.55	34.7	PASS
			HCH	RB1#0	22.56	17.41	34.7	PASS
				RB1#7	22.83	17.68	34.7	PASS
				RB1#14	22.5	17.35	34.7	PASS
				RB8#0	21.62	16.47	34.7	PASS
				RB8#4	21.64	16.49	34.7	PASS
				RB8#7	21.54	16.39	34.7	PASS
				RB15#0	21.5	16.35	34.7	PASS
		5	LCH	RB1#0	22.03	16.88	34.7	PASS
				RB1#13	22.54	17.39	34.7	PASS
				RB1#24	22.12	16.97	34.7	PASS
				RB12#0	21.39	16.24	34.7	PASS
				RB12#6	21.48	16.33	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	16.28	34.7	PASS
				RB25#0	21.42	16.27	34.7	PASS
			MCH	RB1#0	22.43	17.28	34.7	PASS
				RB1#13	22.81	17.66	34.7	PASS
				RB1#24	22.3	17.15	34.7	PASS
				RB12#0	21.62	16.47	34.7	PASS
				RB12#6	21.8	16.65	34.7	PASS
				RB12#13	21.59	16.44	34.7	PASS
				RB25#0	21.58	16.43	34.7	PASS
			HCH	RB1#0	22.39	17.24	34.7	PASS
				RB1#13	22.74	17.59	34.7	PASS
				RB1#24	22.23	17.08	34.7	PASS
				RB12#0	21.61	16.46	34.7	PASS
				RB12#6	21.58	16.43	34.7	PASS
				RB12#13	21.4	16.25	34.7	PASS
				RB25#0	21.43	16.28	34.7	PASS
		10	LCH	RB1#0	21.93	16.78	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.62	17.47	34.7	PASS
				RB1#49	22.04	16.89	34.7	PASS
				RB25#0	21.32	16.17	34.7	PASS
				RB25#13	21.53	16.38	34.7	PASS
				RB25#25	21.25	16.1	34.7	PASS
				RB50#0	21.26	16.11	34.7	PASS
			MCH	RB1#0	22.08	16.93	34.7	PASS
				RB1#25	22.86	17.71	34.7	PASS
				RB1#49	21.93	16.78	34.7	PASS
				RB25#0	21.38	16.23	34.7	PASS
				RB25#13	21.58	16.43	34.7	PASS
				RB25#25	21.33	16.18	34.7	PASS
				RB50#0	21.36	16.21	34.7	PASS
			HCH	RB1#0	22.35	17.2	34.7	PASS
				RB1#25	22.81	17.66	34.7	PASS
				RB1#49	21.93	16.78	34.7	PASS
				RB25#0	21.5	16.35	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.64	16.49	34.7	PASS
				RB25#25	21.25	16.1	34.7	PASS
				RB50#0	21.39	16.24	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.5	16.35	34.7	PASS
				RB1#3	21.77	16.62	34.7	PASS
				RB1#5	21.64	16.49	34.7	PASS
				RB3#0	21.49	16.34	34.7	PASS
				RB3#2	21.59	16.44	34.7	PASS
				RB3#3	21.55	16.4	34.7	PASS
				RB6#0	20.63	15.48	34.7	PASS
			MCH	RB1#0	21.81	16.66	34.7	PASS
				RB1#3	21.9	16.75	34.7	PASS
				RB1#5	21.83	16.68	34.7	PASS
				RB3#0	21.89	16.74	34.7	PASS
				RB3#2	21.88	16.73	34.7	PASS
				RB3#3	21.85	16.7	34.7	PASS
				RB6#0	20.92	15.77	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.76	16.61	34.7	PASS
				RB1#3	21.88	16.73	34.7	PASS
				RB1#5	21.98	16.83	34.7	PASS
				RB3#0	21.64	16.49	34.7	PASS
				RB3#2	21.69	16.54	34.7	PASS
				RB3#3	21.7	16.55	34.7	PASS
				RB6#0	20.75	15.6	34.7	PASS
		3	LCH	RB1#0	21.16	16.01	34.7	PASS
				RB1#7	21.64	16.49	34.7	PASS
				RB1#14	21.36	16.21	34.7	PASS
				RB8#0	20.53	15.38	34.7	PASS
				RB8#4	20.61	15.46	34.7	PASS
				RB8#7	20.58	15.43	34.7	PASS
				RB15#0	20.53	15.38	34.7	PASS
			MCH	RB1#0	21.7	16.55	34.7	PASS
				RB1#7	21.94	16.79	34.7	PASS
				RB1#14	21.59	16.44	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.83	15.68	34.7	PASS
				RB8#4	20.85	15.7	34.7	PASS
				RB8#7	20.78	15.63	34.7	PASS
				RB15#0	20.81	15.66	34.7	PASS
			HCH	RB1#0	21.71	16.56	34.7	PASS
				RB1#7	21.92	16.77	34.7	PASS
				RB1#14	21.86	16.71	34.7	PASS
				RB8#0	20.78	15.63	34.7	PASS
				RB8#4	20.78	15.63	34.7	PASS
				RB8#7	20.68	15.53	34.7	PASS
				RB15#0	20.58	15.43	34.7	PASS
		5	LCH	RB1#0	21.16	16.01	34.7	PASS
				RB1#13	21.66	16.51	34.7	PASS
				RB1#24	21.23	16.08	34.7	PASS
				RB12#0	20.43	15.28	34.7	PASS
				RB12#6	20.54	15.39	34.7	PASS
				RB12#13	20.5	15.35	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.42	15.27	34.7	PASS
			MCH	RB1#0	21.61	16.46	34.7	PASS
				RB1#13	21.99	16.84	34.7	PASS
				RB1#24	21.54	16.39	34.7	PASS
				RB12#0	20.67	15.52	34.7	PASS
				RB12#6	20.86	15.71	34.7	PASS
				RB12#13	20.61	15.46	34.7	PASS
				RB25#0	20.67	15.52	34.7	PASS
			HCH	RB1#0	21.86	16.71	34.7	PASS
				RB1#13	21.98	16.83	34.7	PASS
				RB1#24	21.81	16.66	34.7	PASS
				RB12#0	20.66	15.51	34.7	PASS
				RB12#6	20.64	15.49	34.7	PASS
				RB12#13	20.43	15.28	34.7	PASS
				RB25#0	20.52	15.37	34.7	PASS
		10	LCH	RB1#0	20.88	15.73	34.7	PASS
				RB1#25	21.59	16.44	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.06	15.91	34.7	PASS
				RB25#0	20.28	15.13	34.7	PASS
				RB25#13	20.54	15.39	34.7	PASS
				RB25#25	20.28	15.13	34.7	PASS
				RB50#0	20.32	15.17	34.7	PASS
			MCH	RB1#0	20.94	15.79	34.7	PASS
				RB1#25	21.78	16.63	34.7	PASS
				RB1#49	20.92	15.77	34.7	PASS
				RB25#0	20.48	15.33	34.7	PASS
				RB25#13	20.68	15.53	34.7	PASS
				RB25#25	20.42	15.27	34.7	PASS
				RB50#0	20.43	15.28	34.7	PASS
			HCH	RB1#0	21.43	16.28	34.7	PASS
				RB1#25	21.98	16.83	34.7	PASS
				RB1#49	21.15	16	34.7	PASS
				RB25#0	20.59	15.44	34.7	PASS
				RB25#13	20.73	15.58	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.37	15.22	34.7	PASS
				RB50#0	20.49	15.34	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

b, SGP=Signal Generator Level

Note2:

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

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$

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

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	5.09	13	PASS
				RB1#3	4.83	13	PASS
				RB1#5	5.04	13	PASS
				RB3#0	5.25	13	PASS
				RB3#2	5.32	13	PASS
				RB3#3	5.22	13	PASS
				RB6#0	5.71	13	PASS
			MCH	RB1#0	5.15	13	PASS
				RB1#3	5.1	13	PASS
				RB1#5	5.04	13	PASS
				RB3#0	5.23	13	PASS
				RB3#2	5.16	13	PASS
				RB3#3	5.2	13	PASS
				RB6#0	5.73	13	PASS
			HCH	RB1#0	4.45	13	PASS
				RB1#3	4.32	13	PASS
				RB1#5	4.5	13	PASS
				RB3#0	4.91	13	PASS
				RB3#2	4.76	13	PASS
				RB3#3	5.01	13	PASS
				RB6#0	5.73	13	PASS
		3	LCH	RB1#0	4.95	13	PASS
				RB1#7	4.7	13	PASS
				RB1#14	4.79	13	PASS
				RB8#0	5.79	13	PASS
				RB8#4	5.69	13	PASS
				RB8#7	5.75	13	PASS
				RB15#0	5.98	13	PASS
			MCH	RB1#0	4.87	13	PASS
				RB1#7	4.55	13	PASS
				RB1#14	5.01	13	PASS
				RB8#0	5.69	13	PASS
				RB8#4	5.65	13	PASS
				RB8#7	5.71	13	PASS
				RB15#0	5.71	13	PASS
			HCH	RB1#0	4.71	13	PASS
				RB1#7	4.09	13	PASS
				RB1#14	4.4	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB8#0	5.73	13	PASS
				RB8#4	5.57	13	PASS
				RB8#7	5.71	13	PASS
				RB15#0	5.8	13	PASS
			LCH	RB1#0	4.88	13	PASS
				RB1#13	4.52	13	PASS
				RB1#24	4.7	13	PASS
				RB12#0	5.89	13	PASS
				RB12#6	5.76	13	PASS
				RB12#13	5.89	13	PASS
				RB25#0	5.94	13	PASS
			MCH	RB1#0	4.74	13	PASS
				RB1#13	4.52	13	PASS
				RB1#24	4.84	13	PASS
				RB12#0	5.79	13	PASS
				RB12#6	5.7	13	PASS
				RB12#13	5.88	13	PASS
				RB25#0	6.25	13	PASS
			HCH	RB1#0	5.04	13	PASS
				RB1#13	4.73	13	PASS
				RB1#24	4.85	13	PASS
				RB12#0	5.99	13	PASS
				RB12#6	5.77	13	PASS
				RB12#13	5.74	13	PASS
				RB25#0	5.9	13	PASS
		10	LCH	RB1#0	5.17	13	PASS
				RB1#25	4.67	13	PASS
				RB1#49	5.19	13	PASS
				RB25#0	5.9	13	PASS
				RB25#13	5.84	13	PASS
				RB25#25	5.97	13	PASS
				RB50#0	6.26	13	PASS
			MCH	RB1#0	5.07	13	PASS
				RB1#25	4.76	13	PASS
				RB1#49	5.1	13	PASS
				RB25#0	6.11	13	PASS
				RB25#13	6.05	13	PASS
				RB25#25	6.23	13	PASS
				RB50#0	6.25	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2		HCH	RB1#0	5.02	13	PASS
				RB1#25	4.91	13	PASS
				RB1#49	4.86	13	PASS
				RB25#0	6.21	13	PASS
				RB25#13	6.05	13	PASS
				RB25#25	5.99	13	PASS
				RB50#0	6.33	13	PASS
		1.4	LCH	RB1#0	5.57	13	PASS
				RB1#3	5.82	13	PASS
				RB1#5	5.76	13	PASS
				RB3#0	5.98	13	PASS
				RB3#2	5.99	13	PASS
				RB3#3	5.9	13	PASS
				RB6#0	6.53	13	PASS
			MCH	RB1#0	5.72	13	PASS
				RB1#3	5.9	13	PASS
				RB1#5	5.89	13	PASS
				RB3#0	6.07	13	PASS
				RB3#2	6.11	13	PASS
				RB3#3	6.21	13	PASS
				RB6#0	6.37	13	PASS
			HCH	RB1#0	5.43	13	PASS
				RB1#3	5.21	13	PASS
				RB1#5	5.41	13	PASS
				RB3#0	5.79	13	PASS
				RB3#2	5.72	13	PASS
				RB3#3	5.77	13	PASS
				RB6#0	6.31	13	PASS
		3	LCH	RB1#0	5.77	13	PASS
				RB1#7	5.43	13	PASS
				RB1#14	5.6	13	PASS
				RB8#0	6.69	13	PASS
				RB8#4	6.4	13	PASS
				RB8#7	6.52	13	PASS
				RB15#0	6.6	13	PASS
			MCH	RB1#0	6	13	PASS
				RB1#7	5.79	13	PASS
				RB1#14	6.1	13	PASS
				RB8#0	6.56	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	6.26	13	PASS
				RB8#7	6.34	13	PASS
				RB15#0	6.71	13	PASS
			HCH	RB1#0	5.66	13	PASS
				RB1#7	5.25	13	PASS
				RB1#14	5.58	13	PASS
				RB8#0	6.23	13	PASS
				RB8#4	6.12	13	PASS
				RB8#7	6.22	13	PASS
				RB15#0	6.66	13	PASS
		5	LCH	RB1#0	5.92	13	PASS
				RB1#13	5.65	13	PASS
				RB1#24	5.82	13	PASS
				RB12#0	6.5	13	PASS
				RB12#6	6.58	13	PASS
				RB12#13	6.52	13	PASS
				RB25#0	6.9	13	PASS
			MCH	RB1#0	5.9	13	PASS
				RB1#13	5.91	13	PASS
				RB1#24	6.05	13	PASS
				RB12#0	6.62	13	PASS
				RB12#6	6.64	13	PASS
				RB12#13	6.64	13	PASS
				RB25#0	6.85	13	PASS
			HCH	RB1#0	5.92	13	PASS
				RB1#13	5.72	13	PASS
				RB1#24	5.71	13	PASS
				RB12#0	6.5	13	PASS
				RB12#6	6.53	13	PASS
				RB12#13	6.34	13	PASS
				RB25#0	6.78	13	PASS
		10	LCH	RB1#0	5.53	13	PASS
				RB1#25	5.45	13	PASS
				RB1#49	5.58	13	PASS
				RB25#0	6.74	13	PASS
				RB25#13	6.59	13	PASS
				RB25#25	6.7	13	PASS
				RB50#0	6.81	13	PASS
			MCH	RB1#0	5.69	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.99	13	PASS
				RB1#49	5.62	13	PASS
				RB25#0	6.67	13	PASS
				RB25#13	6.72	13	PASS
				RB25#25	6.72	13	PASS
				RB50#0	6.92	13	PASS
			HCH	RB1#0	5.83	13	PASS
				RB1#25	5.86	13	PASS
				RB1#49	5.67	13	PASS
				RB25#0	7.17	13	PASS
				RB25#13	7.13	13	PASS
				RB25#25	6.94	13	PASS
				RB50#0	6.99	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

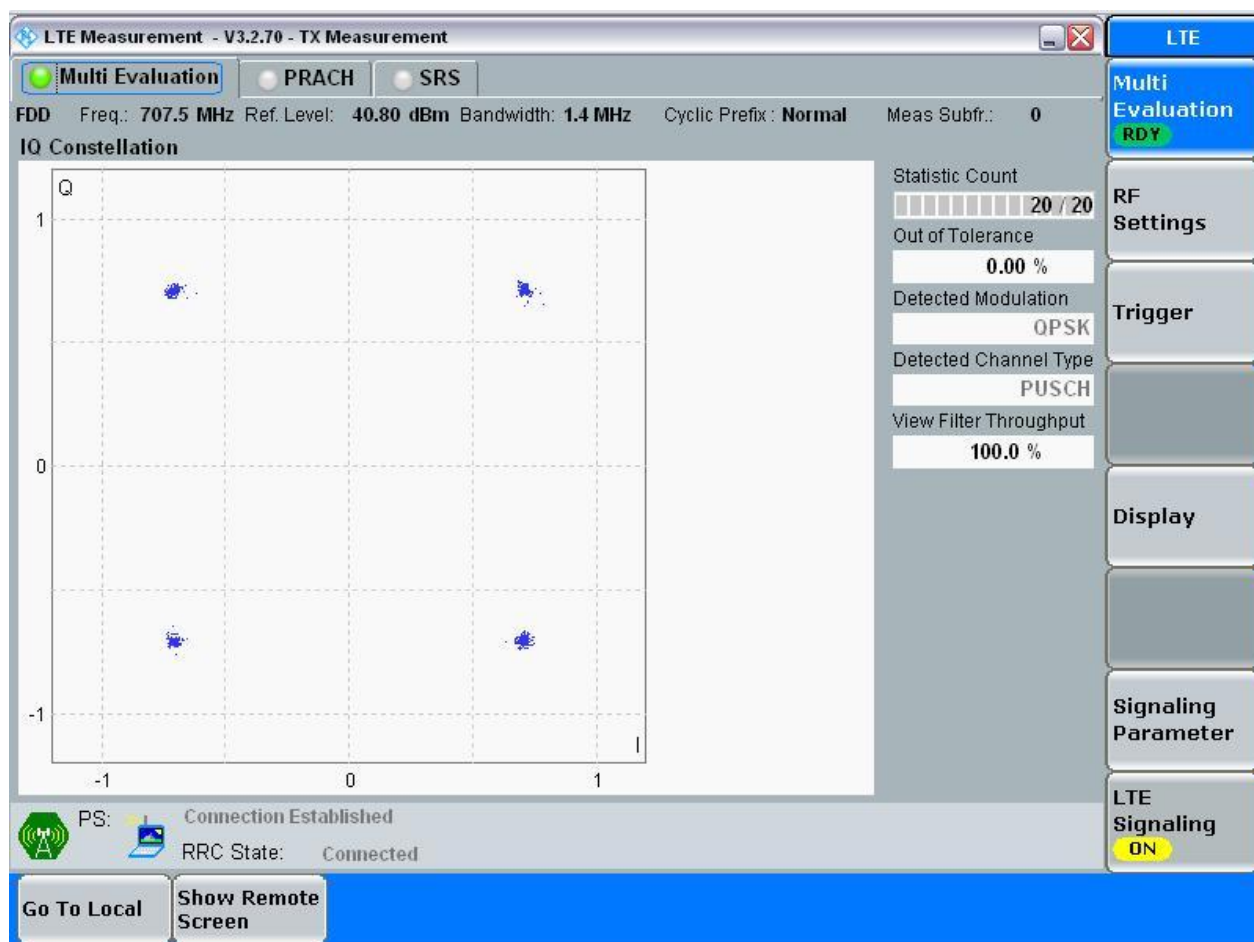
3.1.1 Test Band = BAND12

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

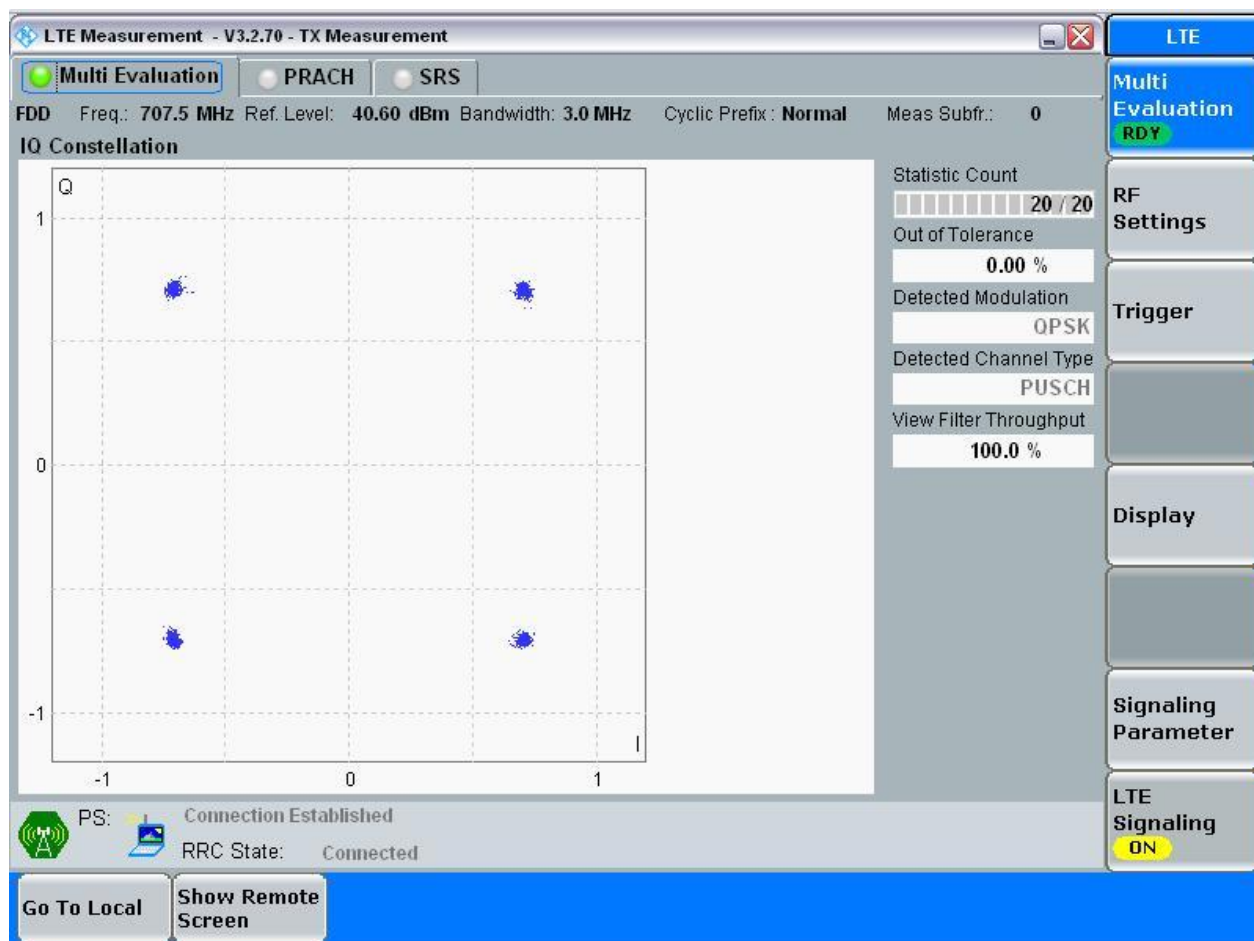
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

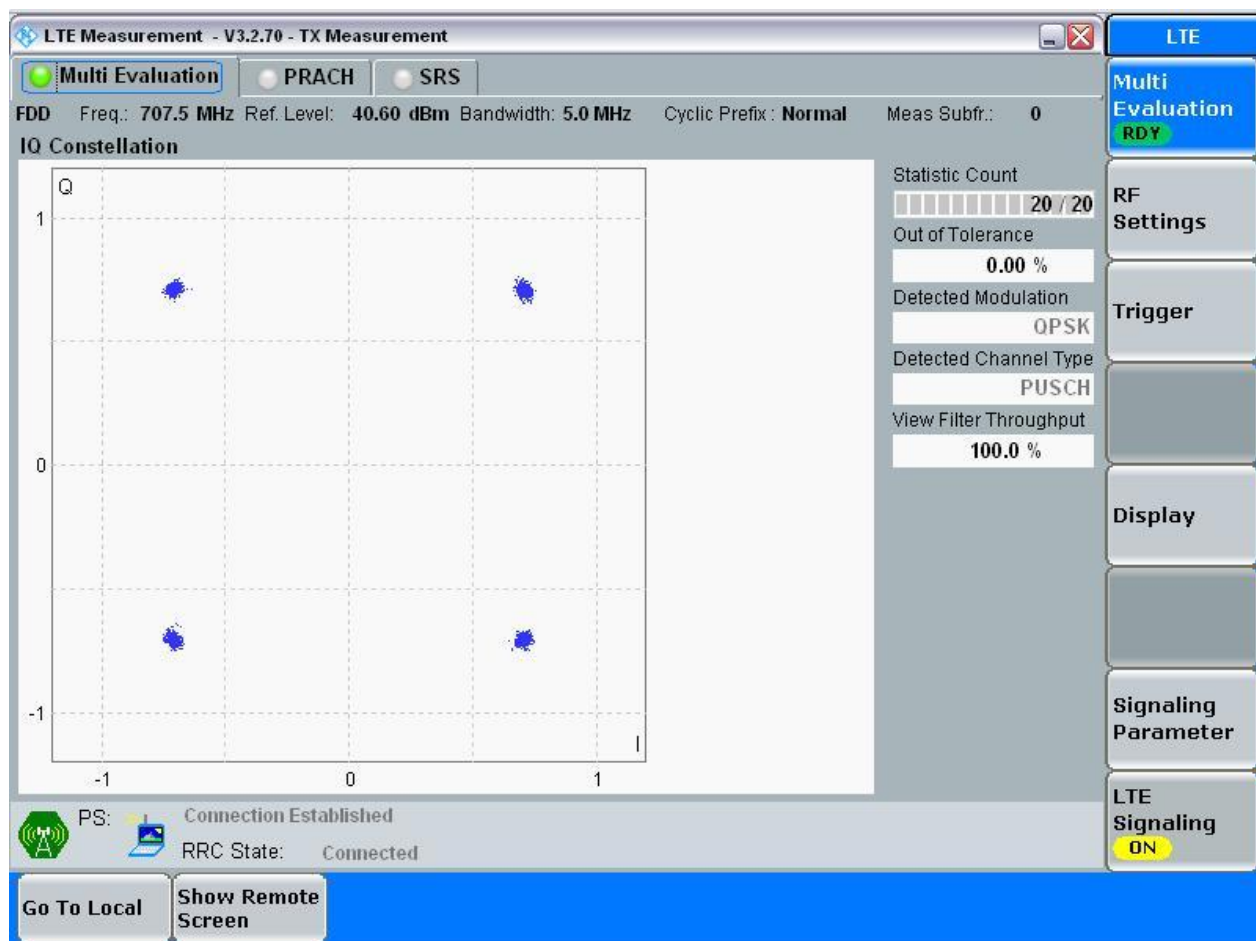
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

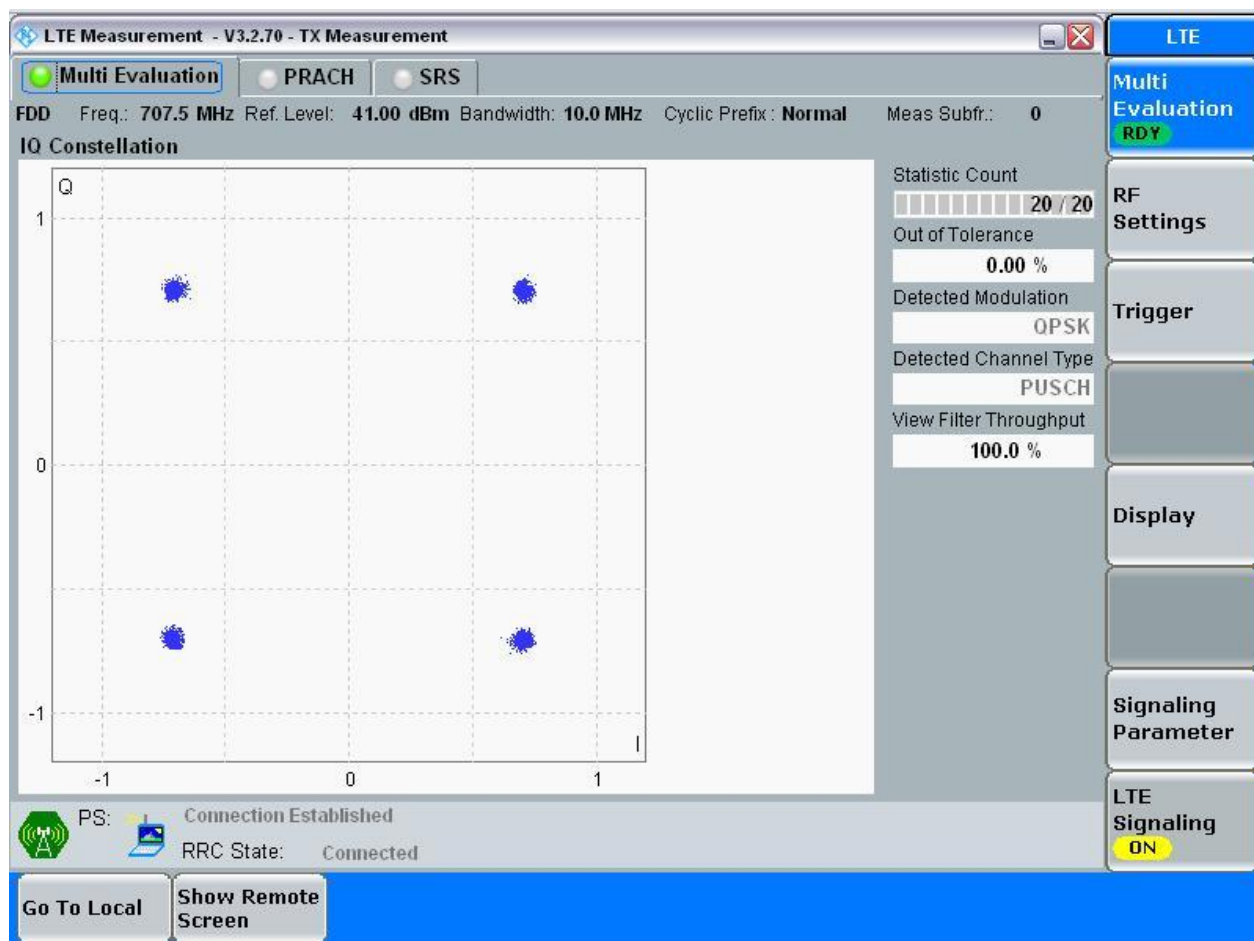
3.1.1.1.3.1.1 Test RB = RB25#0



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

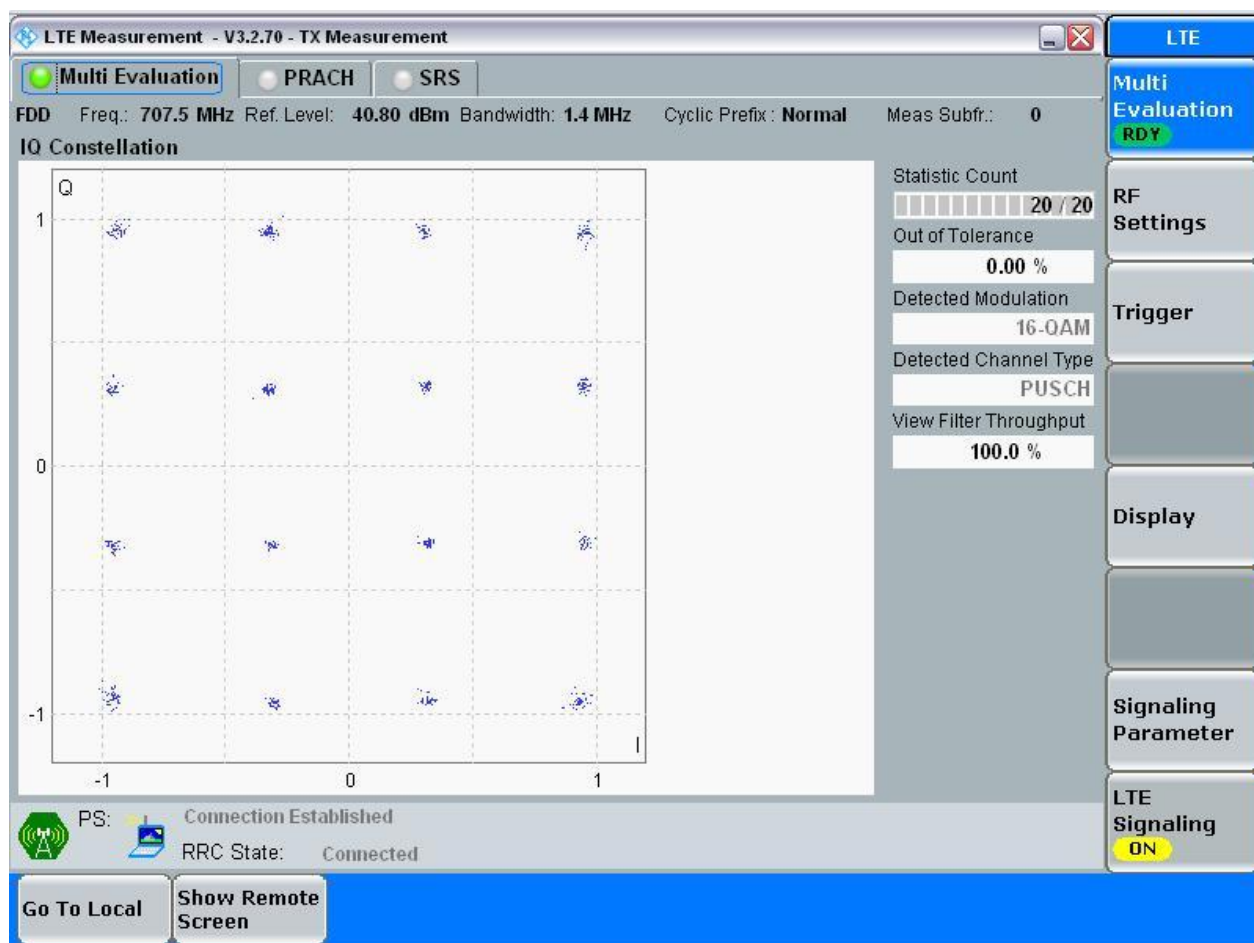


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

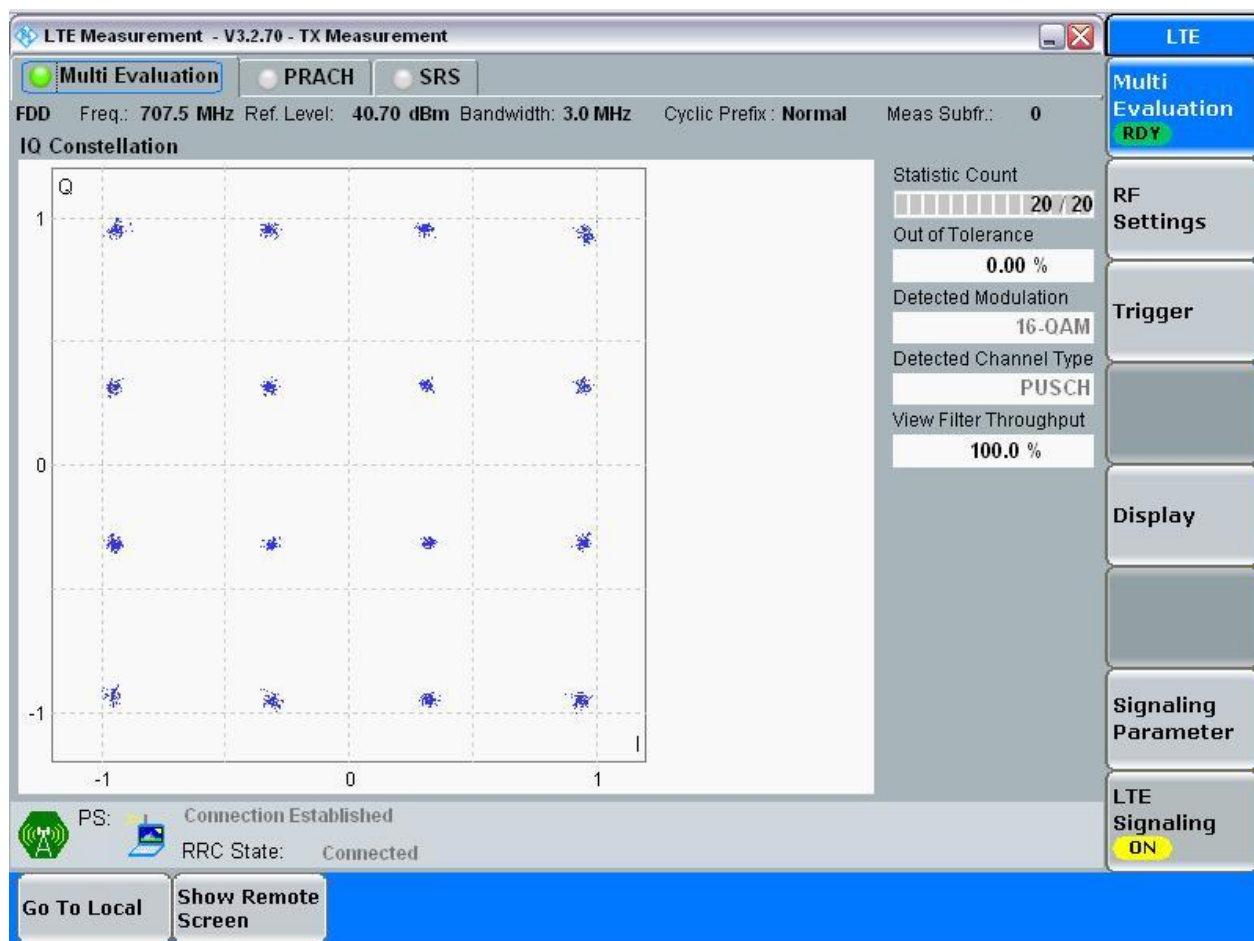
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

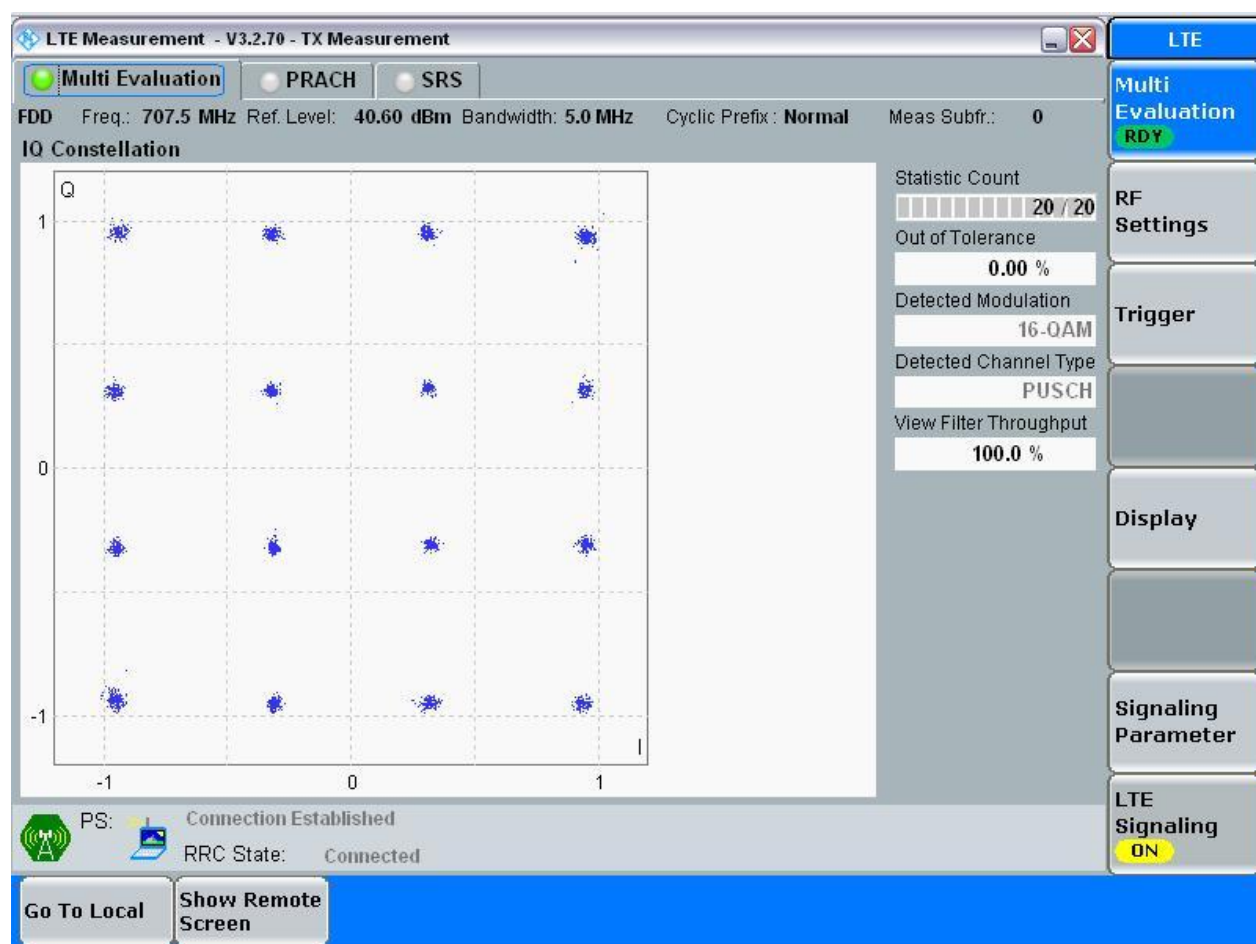
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

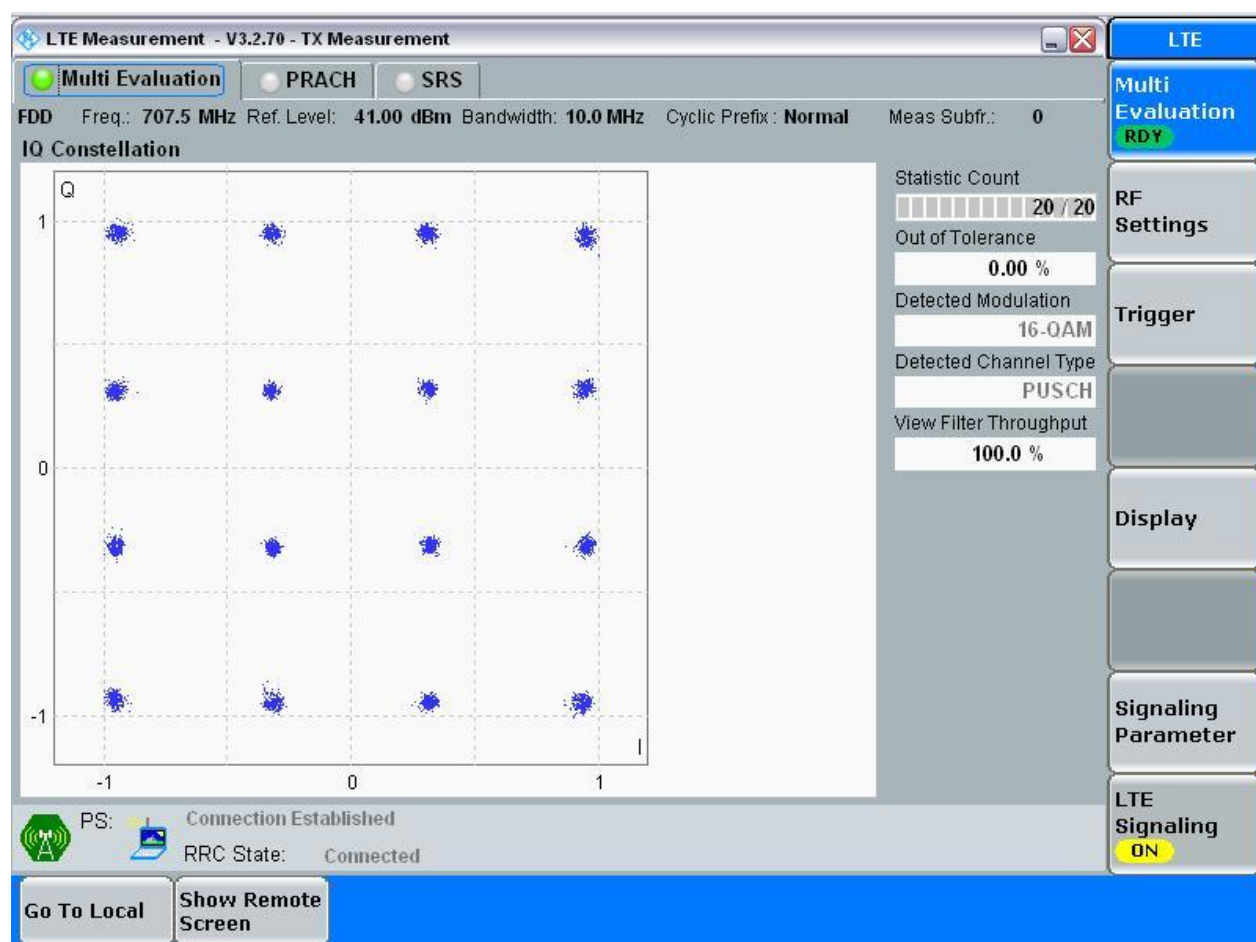
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.70	2.99	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.51	4.99	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.99	9.90	Pass
			MCH	RB50#0	8.98	9.89	Pass
			HCH	RB50#0	8.99	9.90	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	3.00	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.52	4.98	Pass
		10	LCH	RB50#0	8.97	9.86	Pass
			MCH	RB50#0	8.99	9.92	Pass
			HCH	RB50#0	8.98	9.93	Pass



Part II - Test Plots

4.1 For LTE

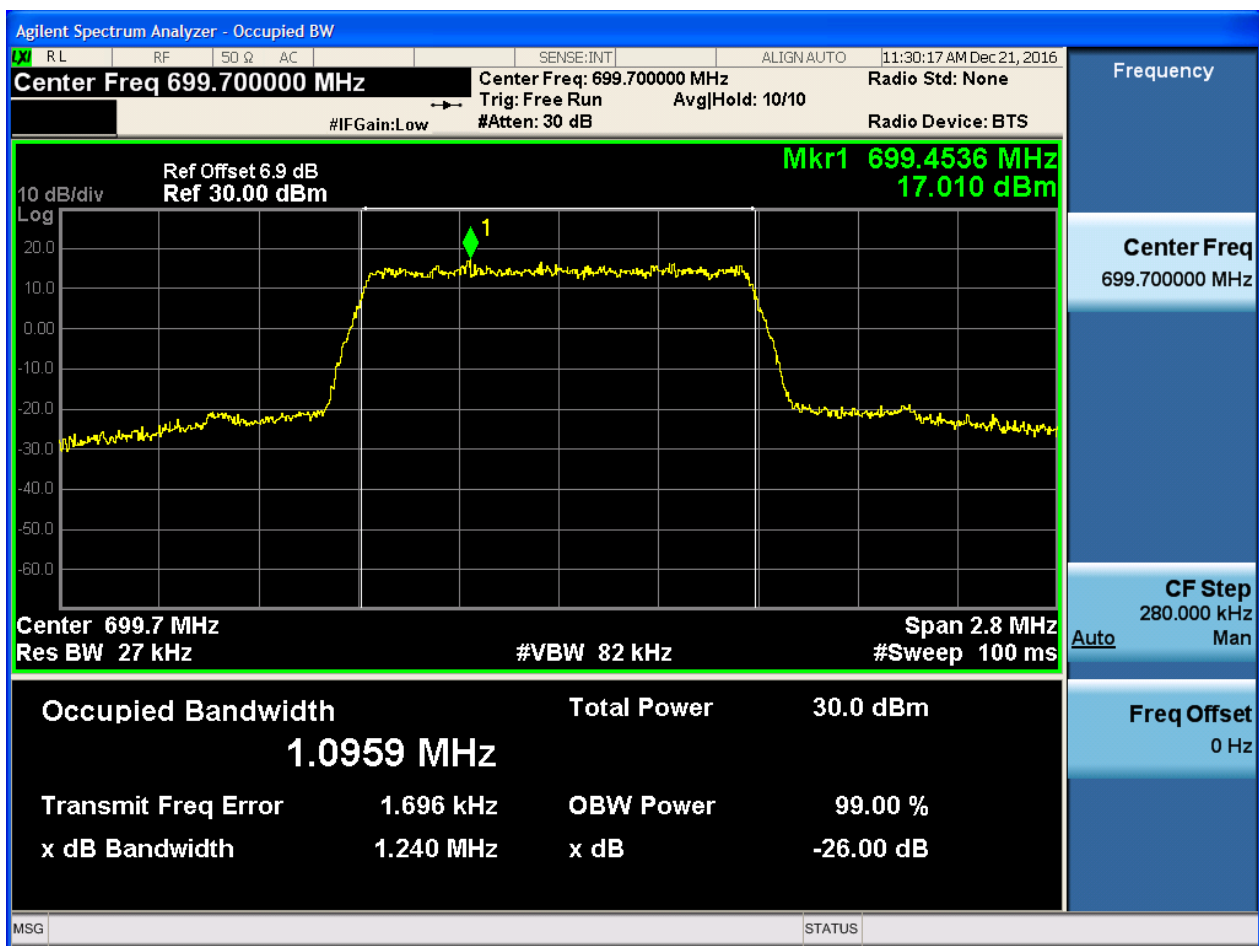
4.1.1 Test Band = BAND12

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

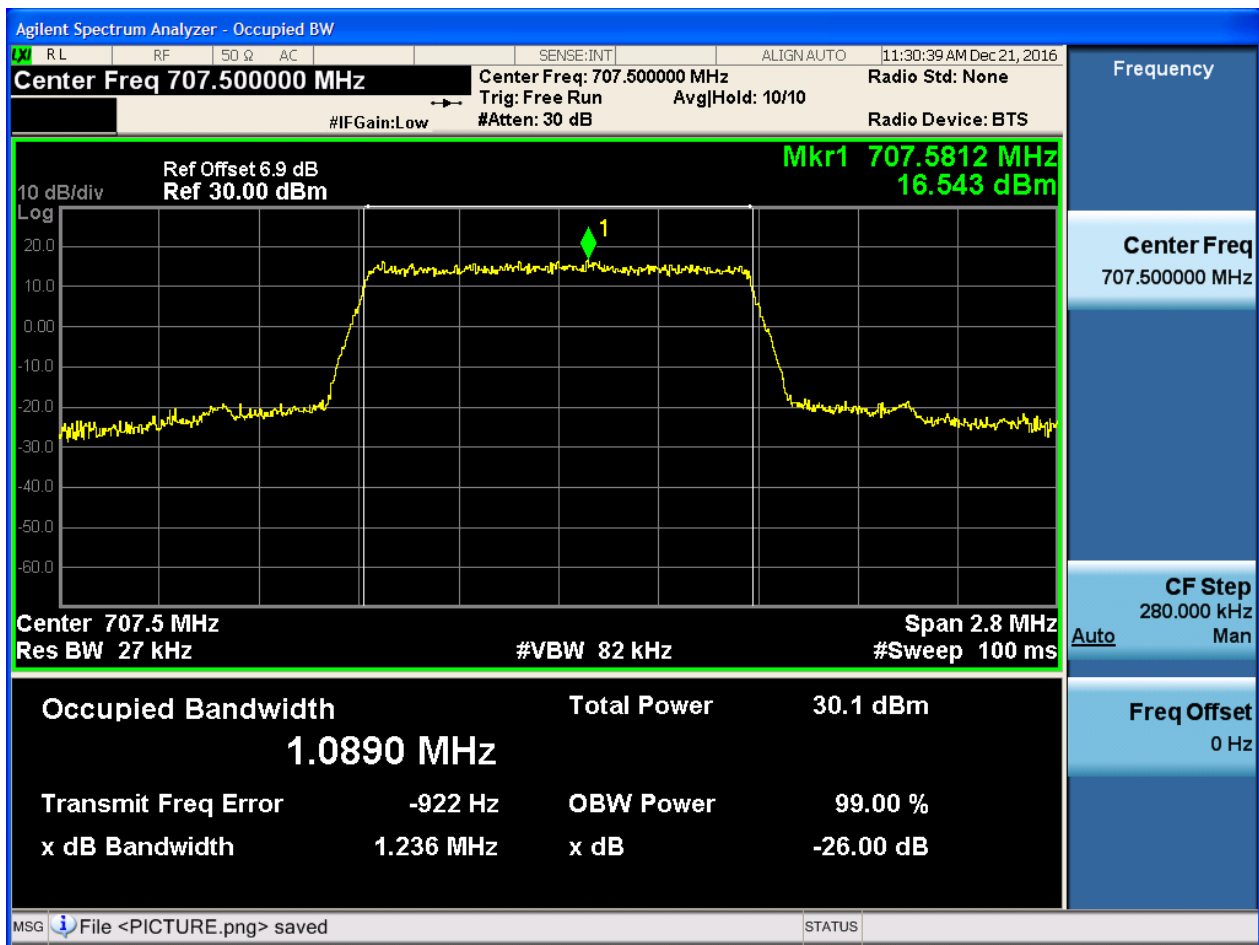
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



4.1.1.1.1.2 Test Channel = MCH

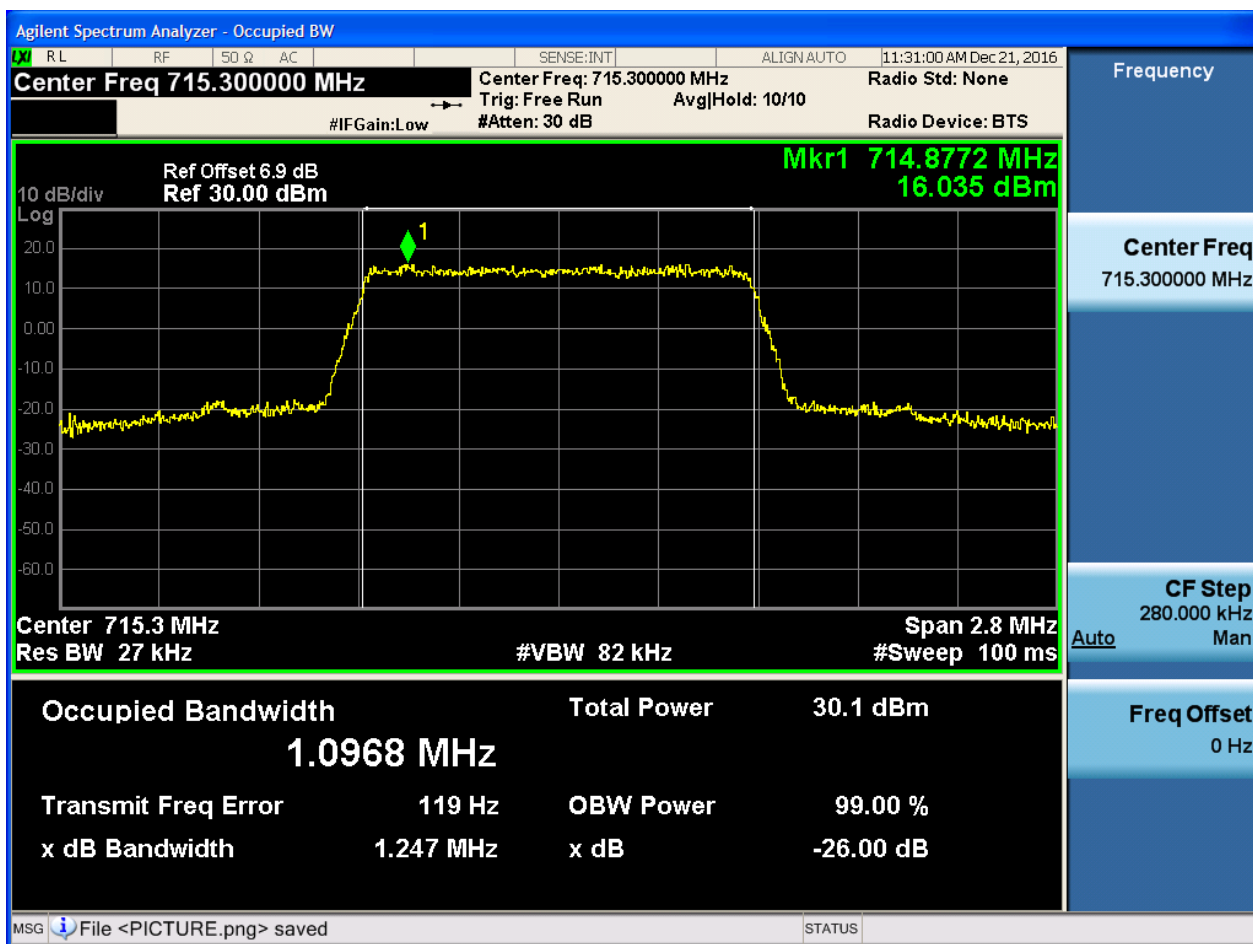
4.1.1.1.1.2.1 Test RB = RB6#0

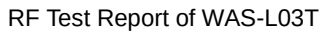




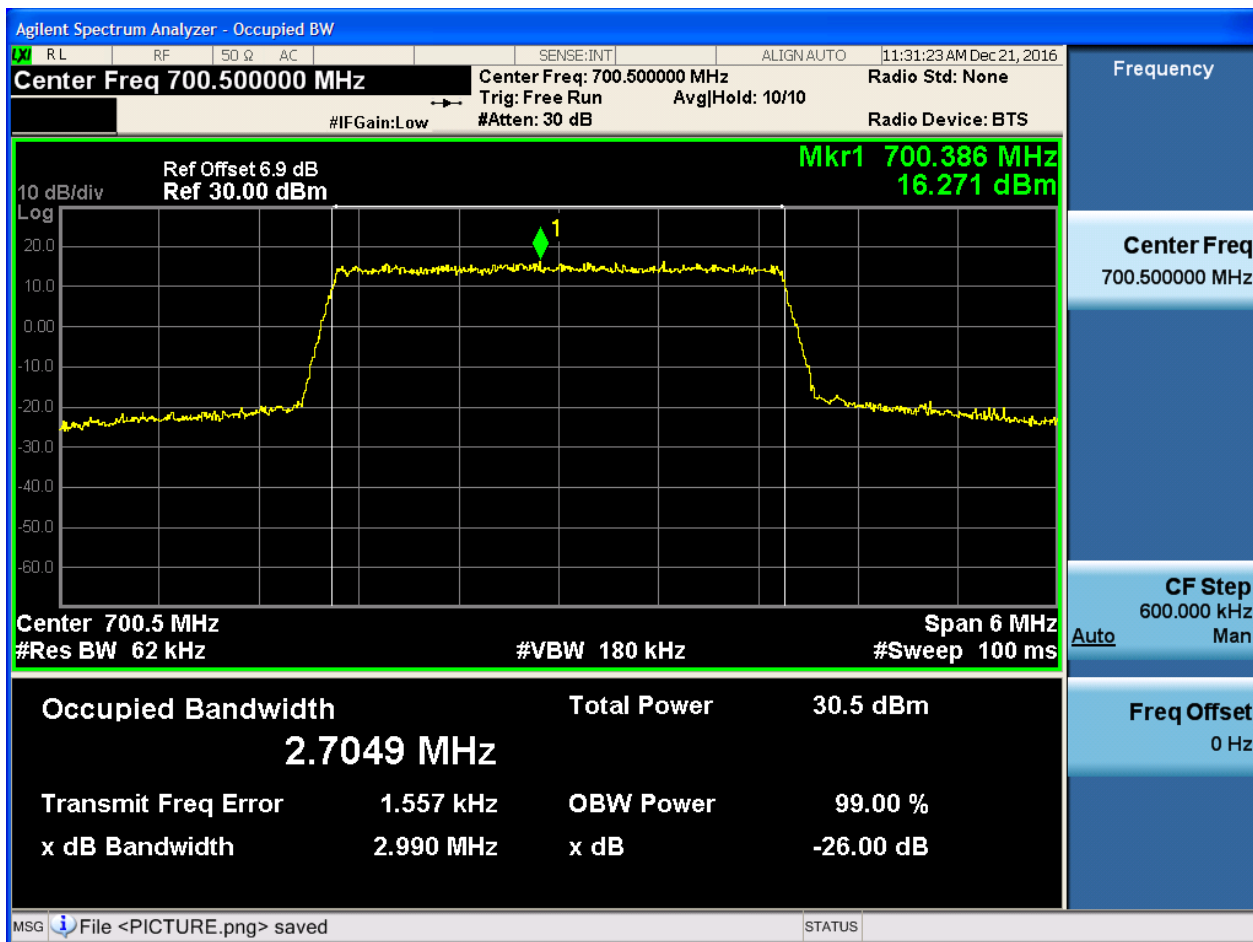
4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0



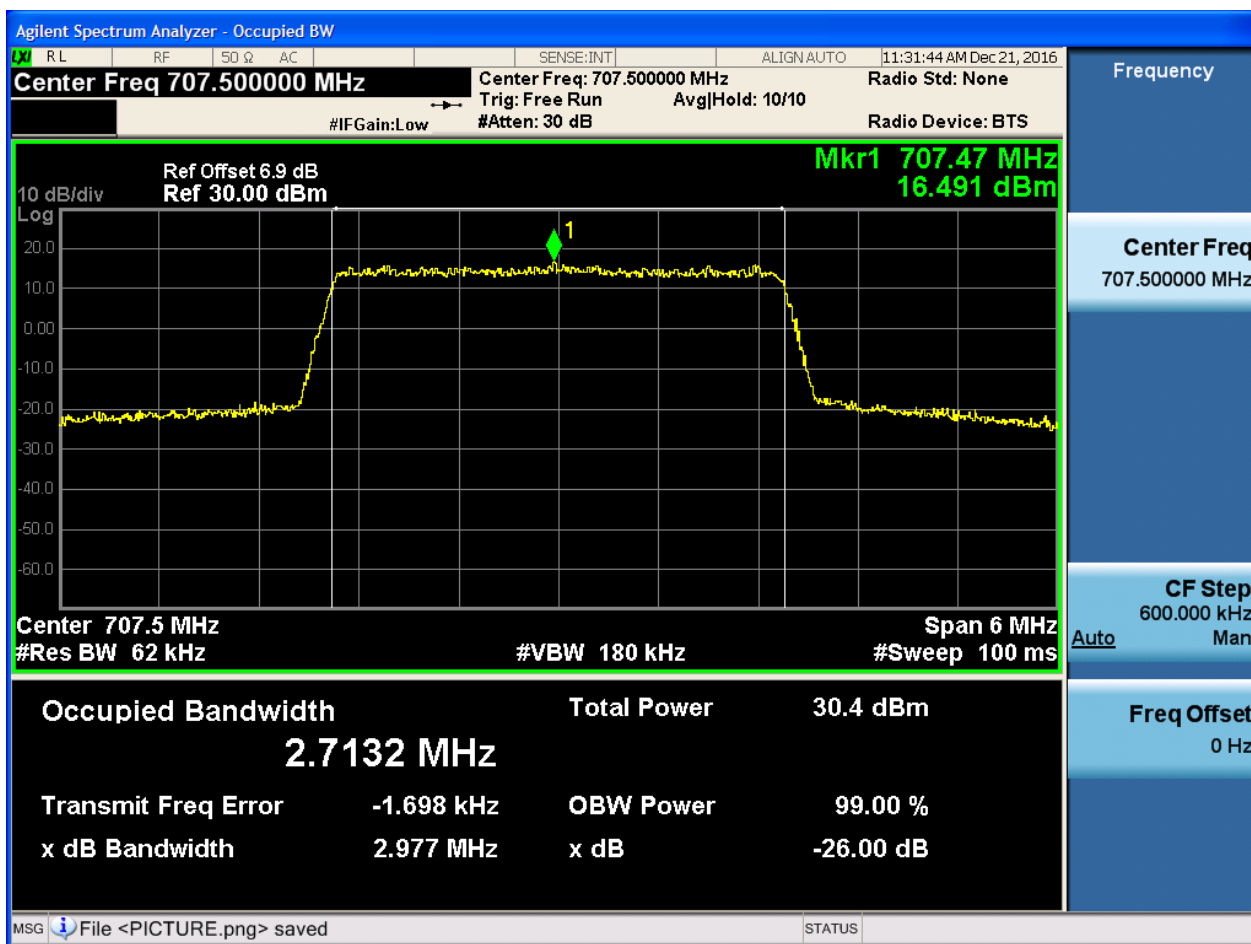


4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

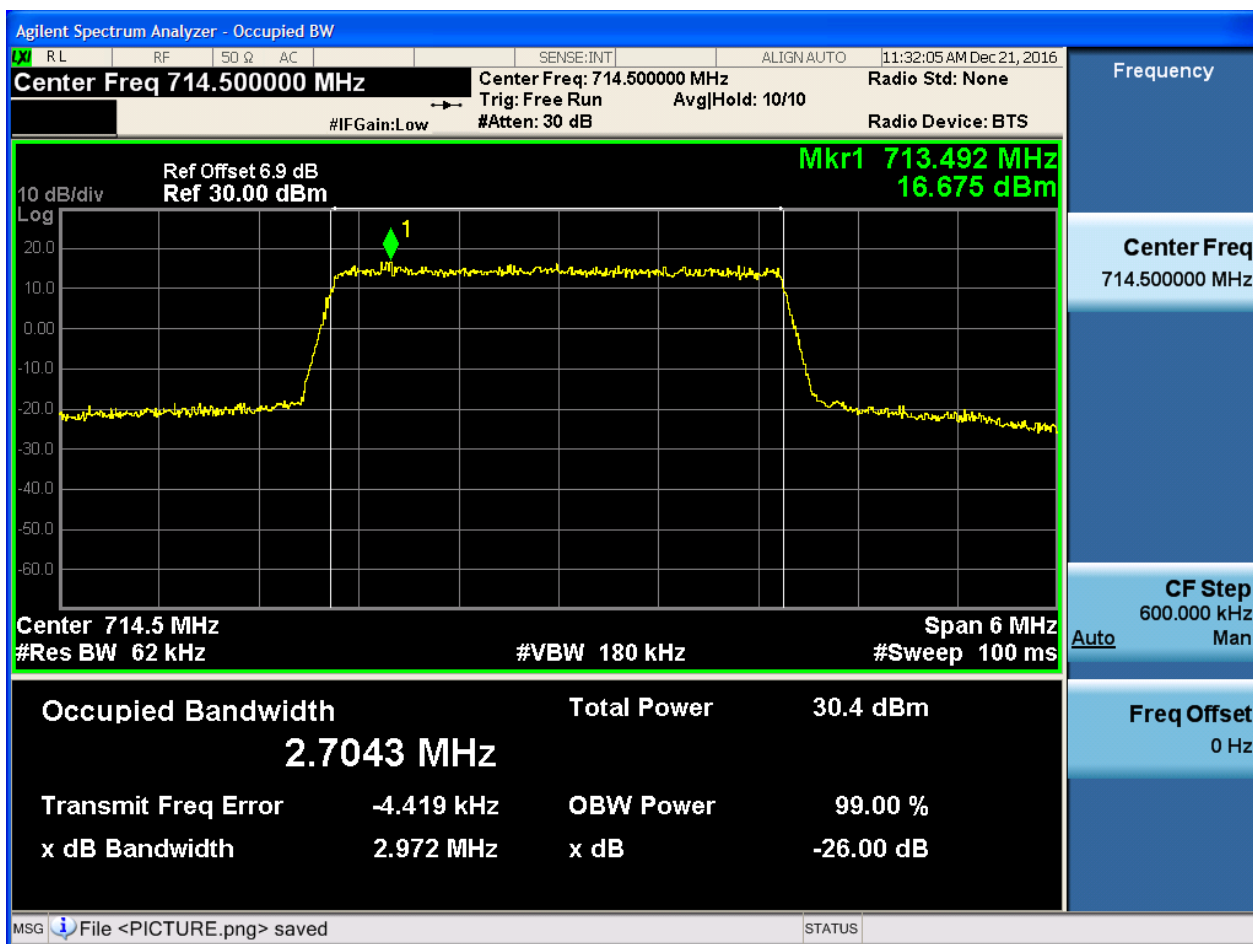
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

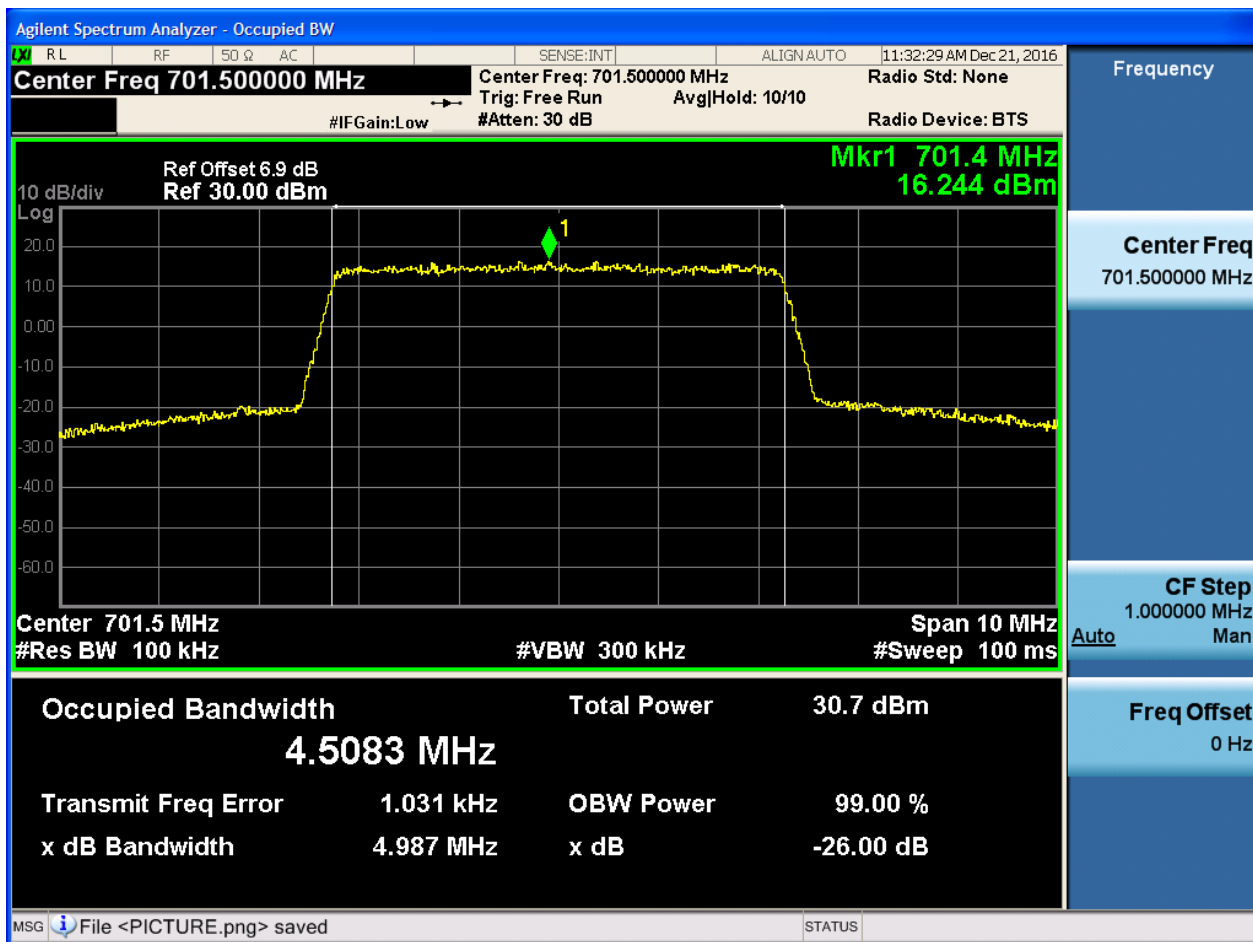




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

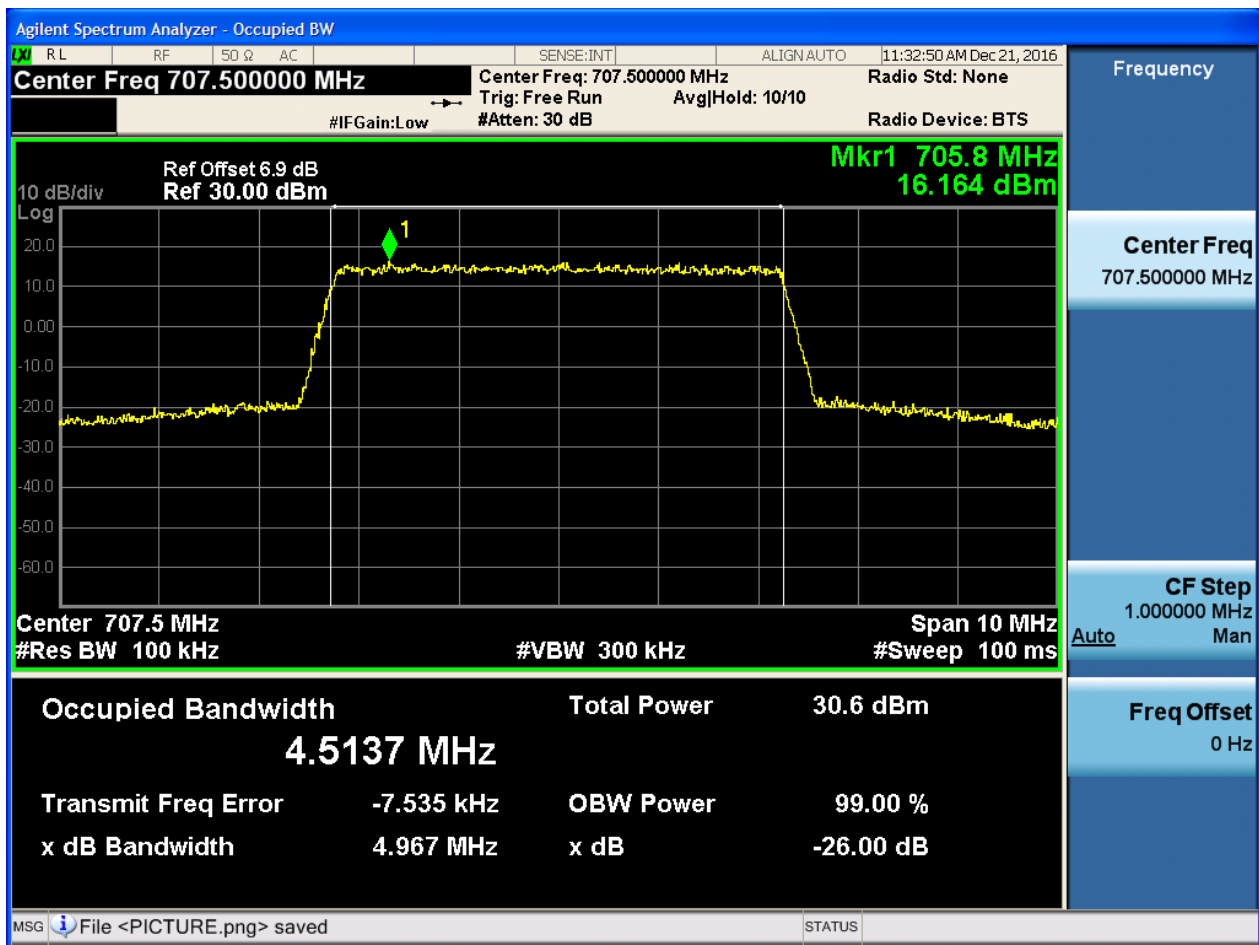
4.1.1.1.3.1.1 Test RB = RB25#0





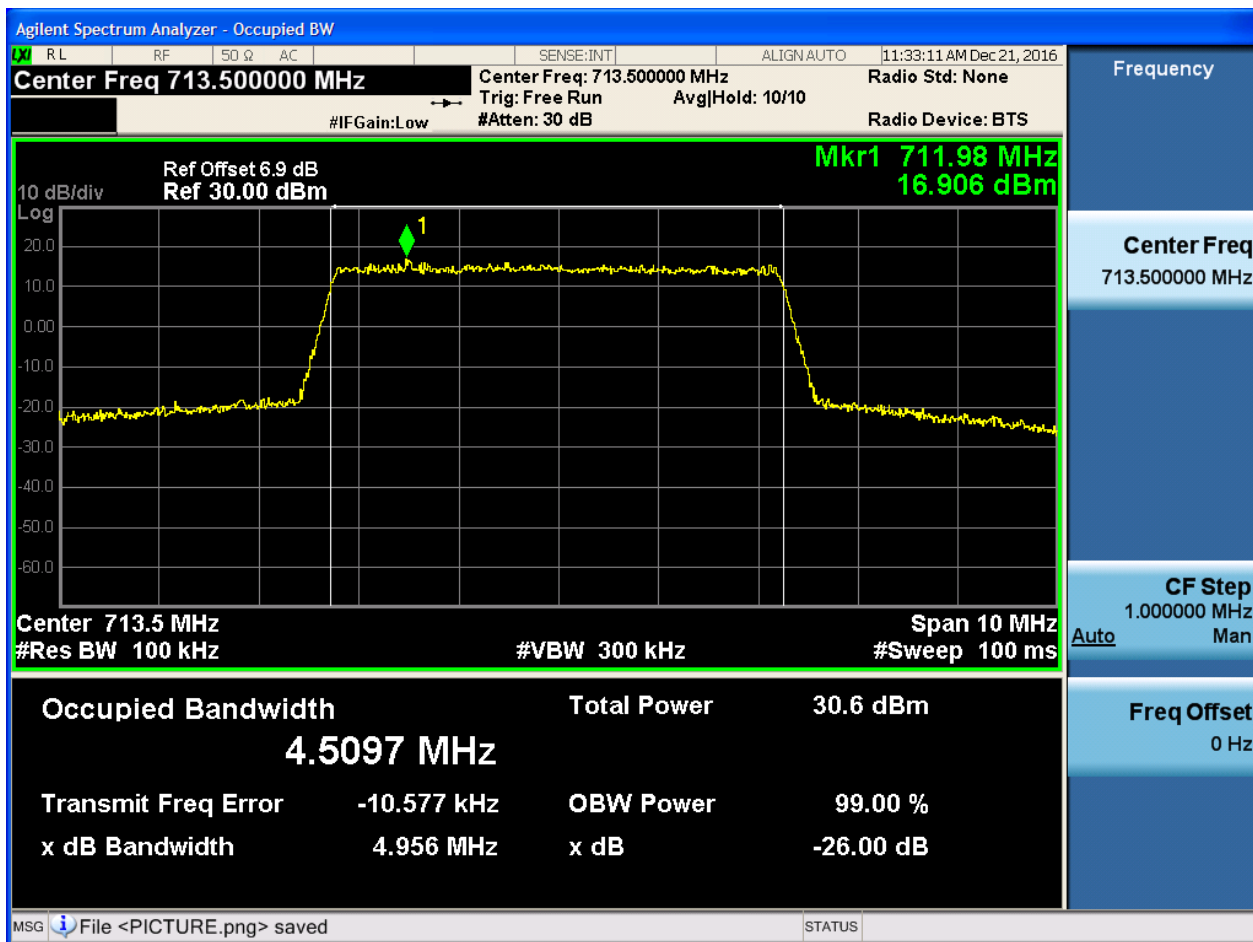
4.1.1.1.3.2 Test Channel = MCH

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

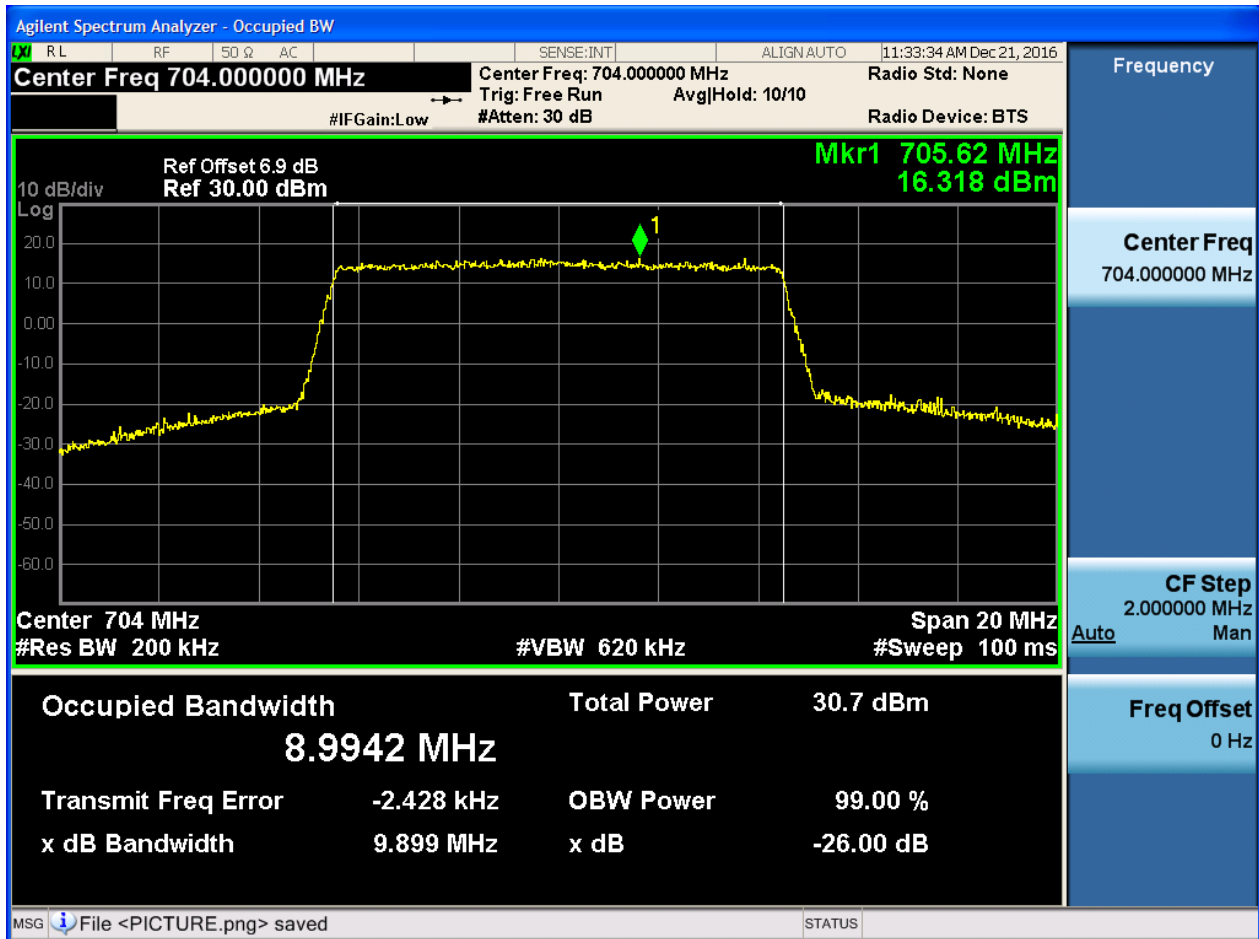




4.1.1.1.4 Test Bandwidth = 10

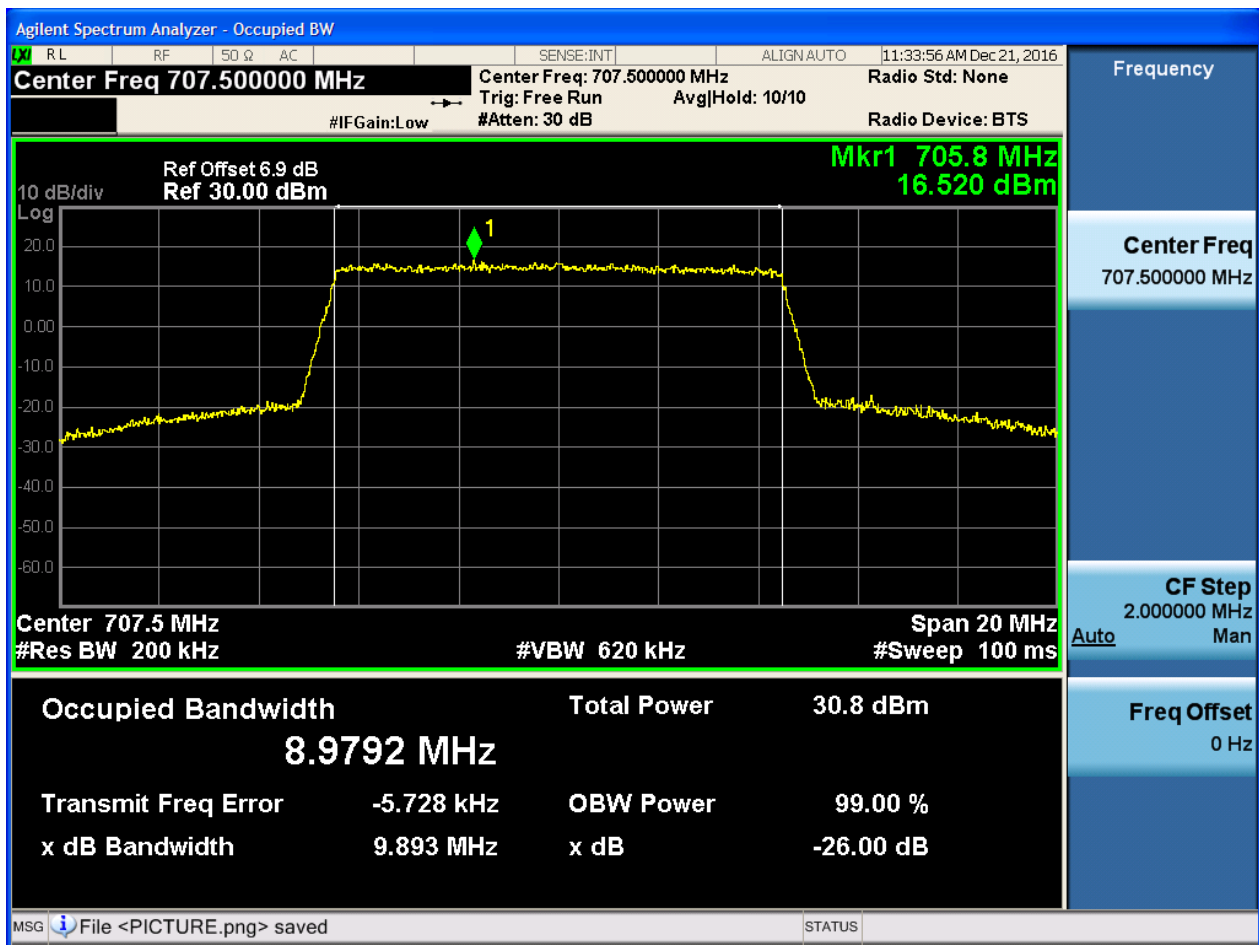
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

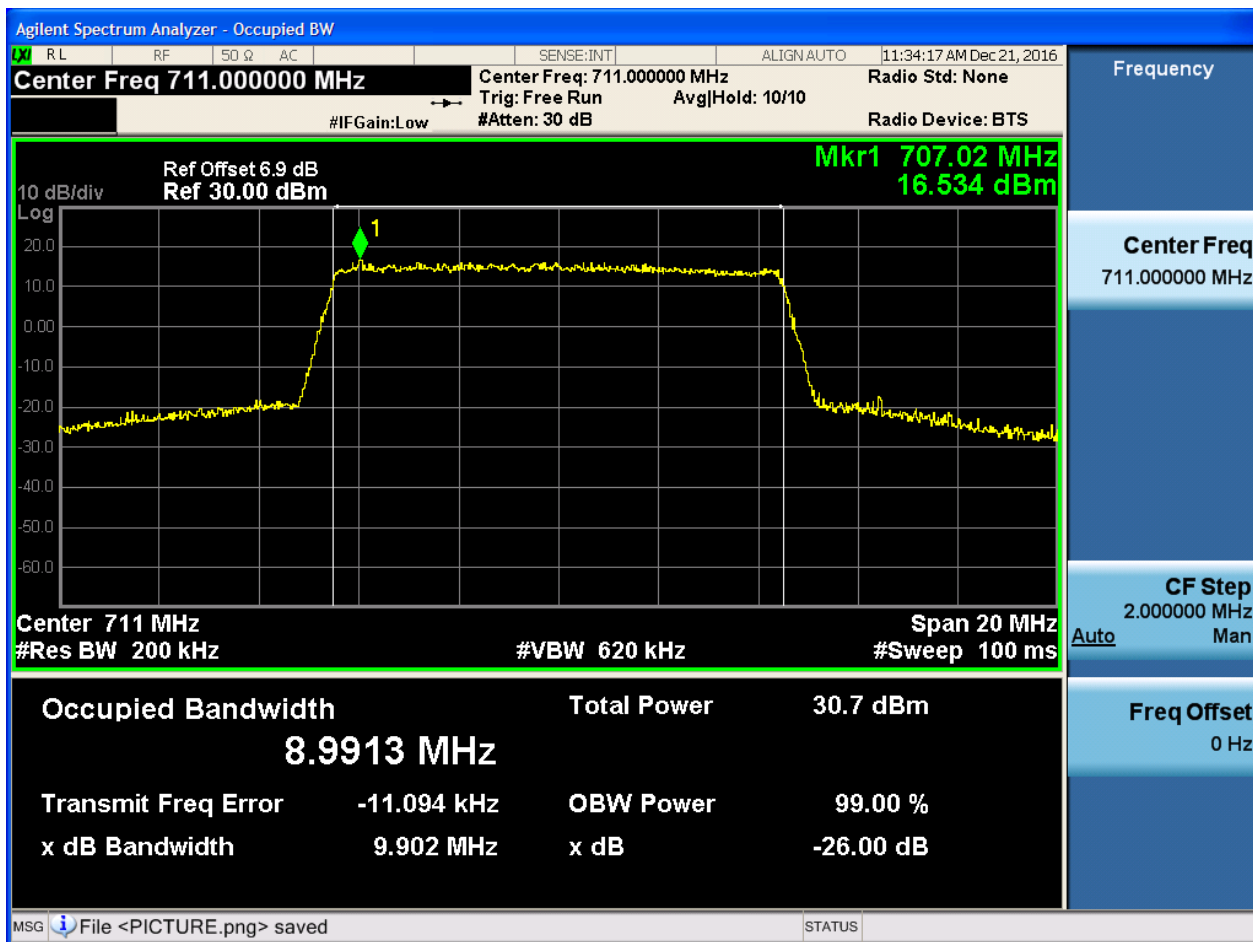
4.1.1.1.4.2.1 Test RB = RB50#0

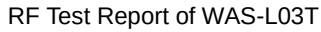




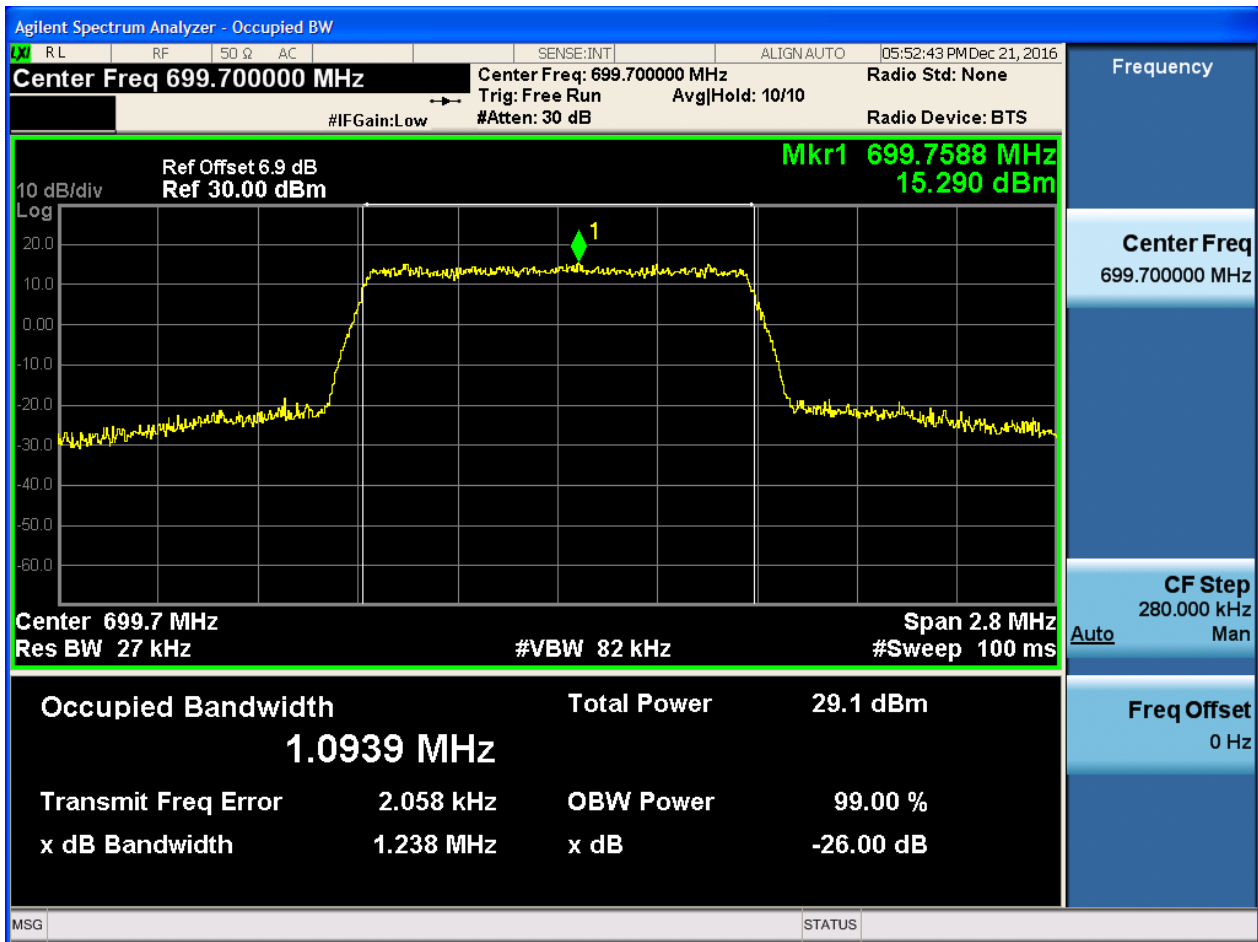
4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0





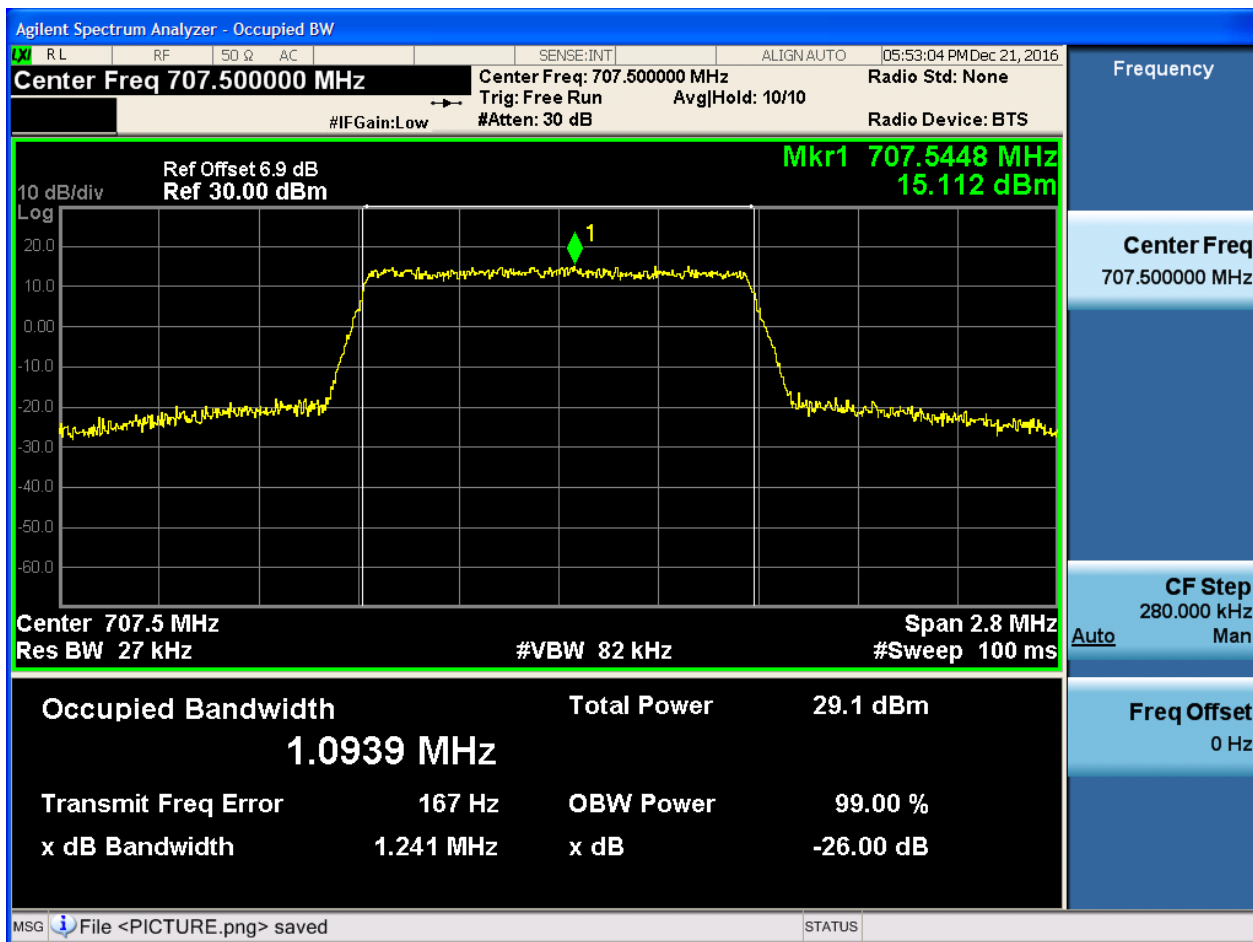
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

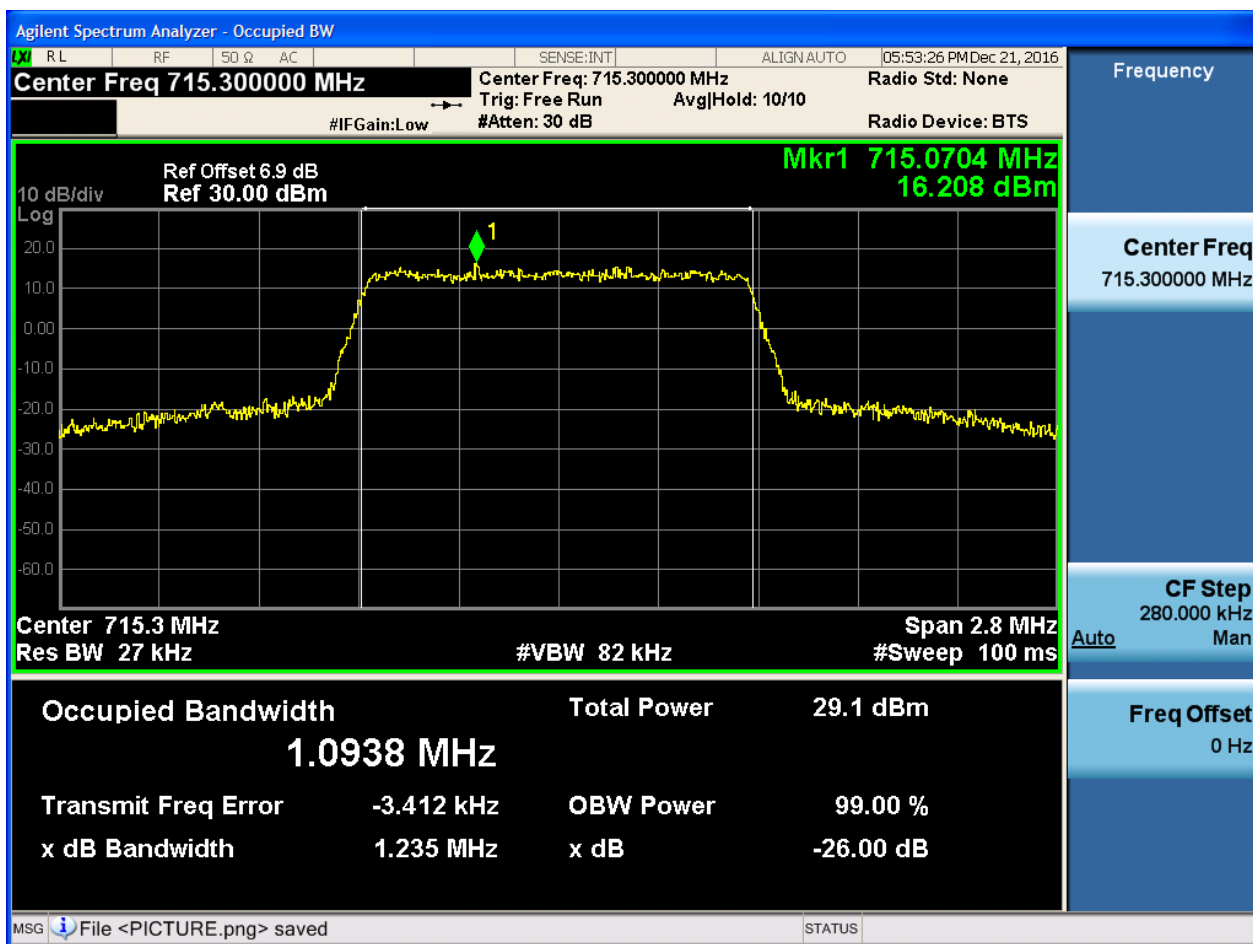
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

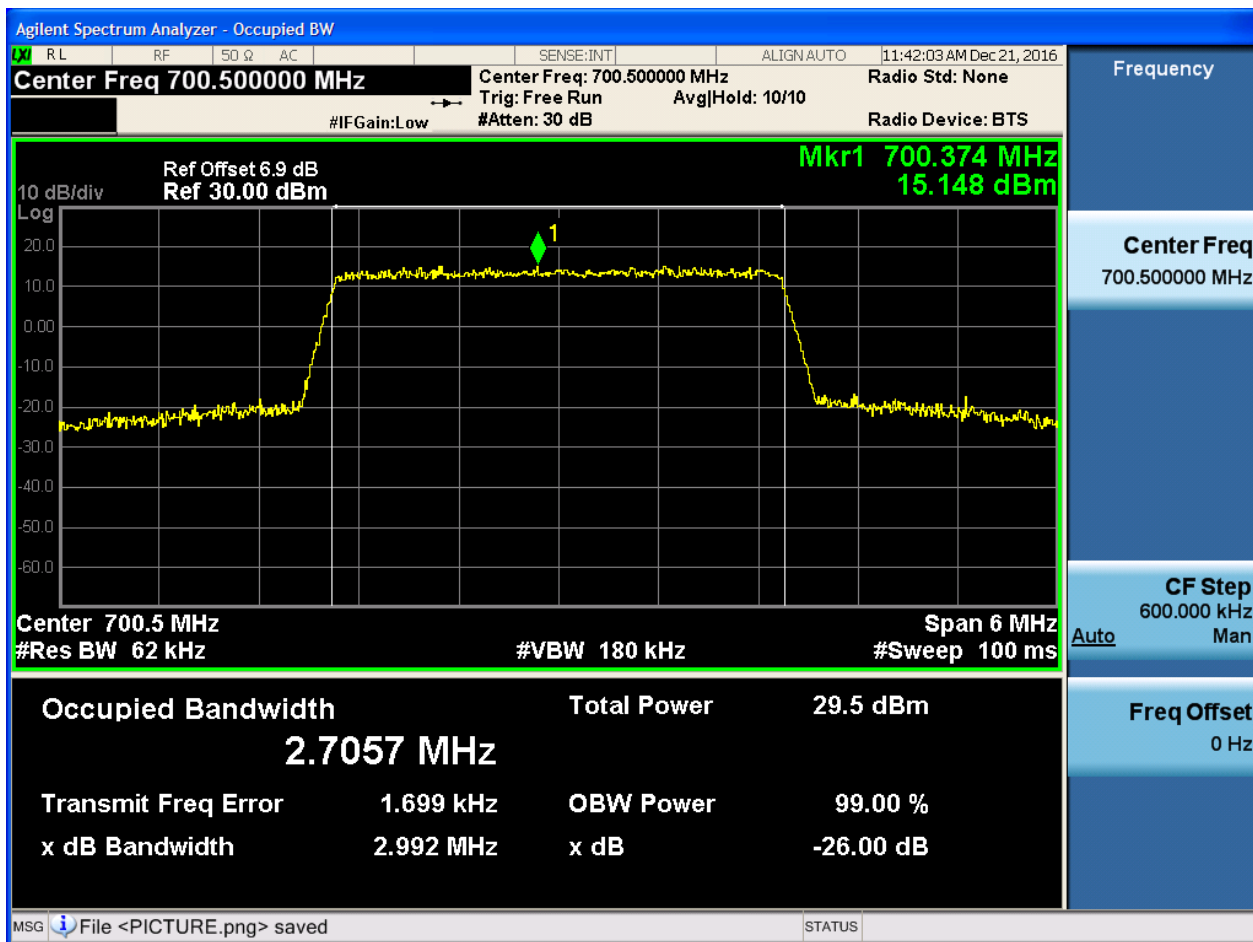




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

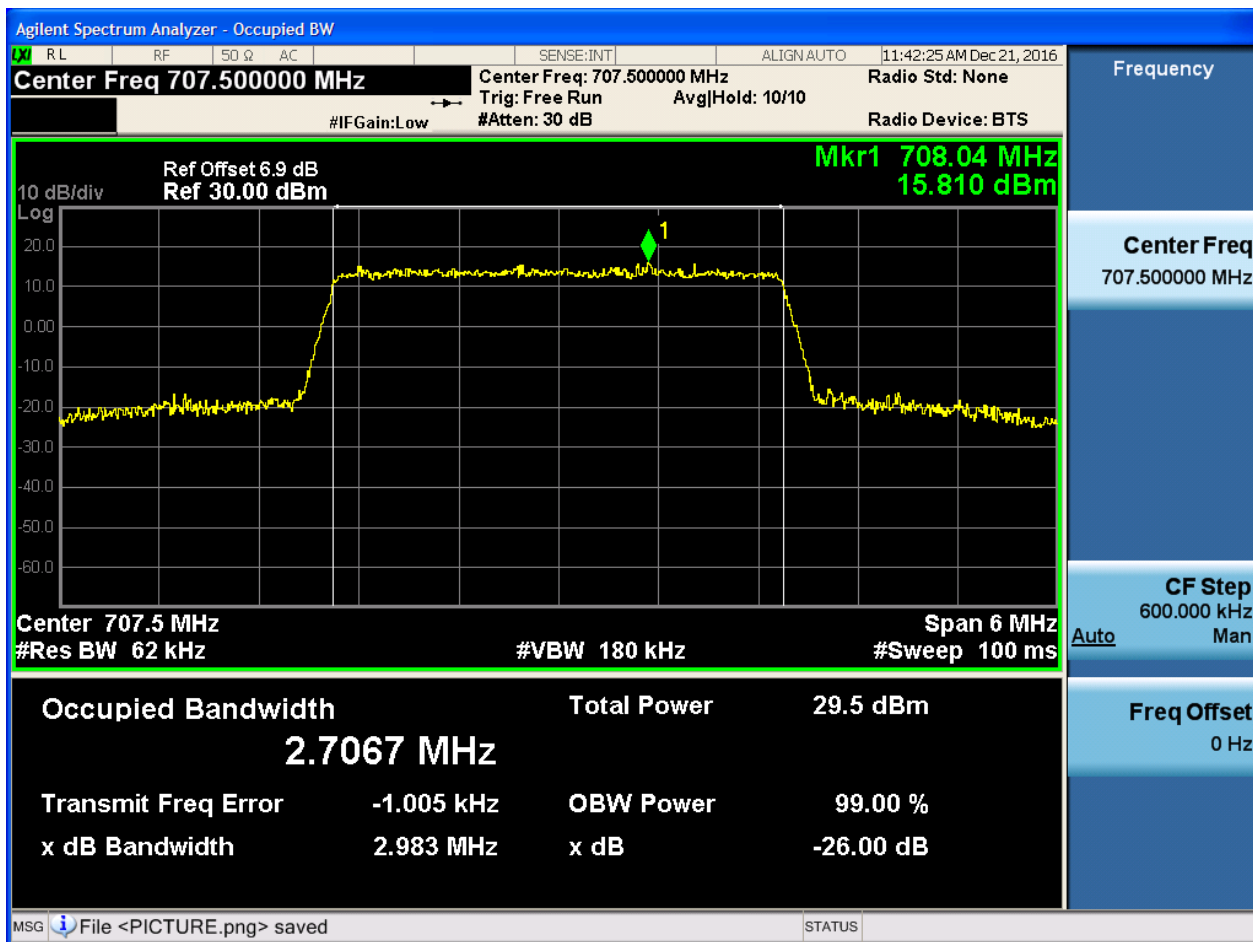
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

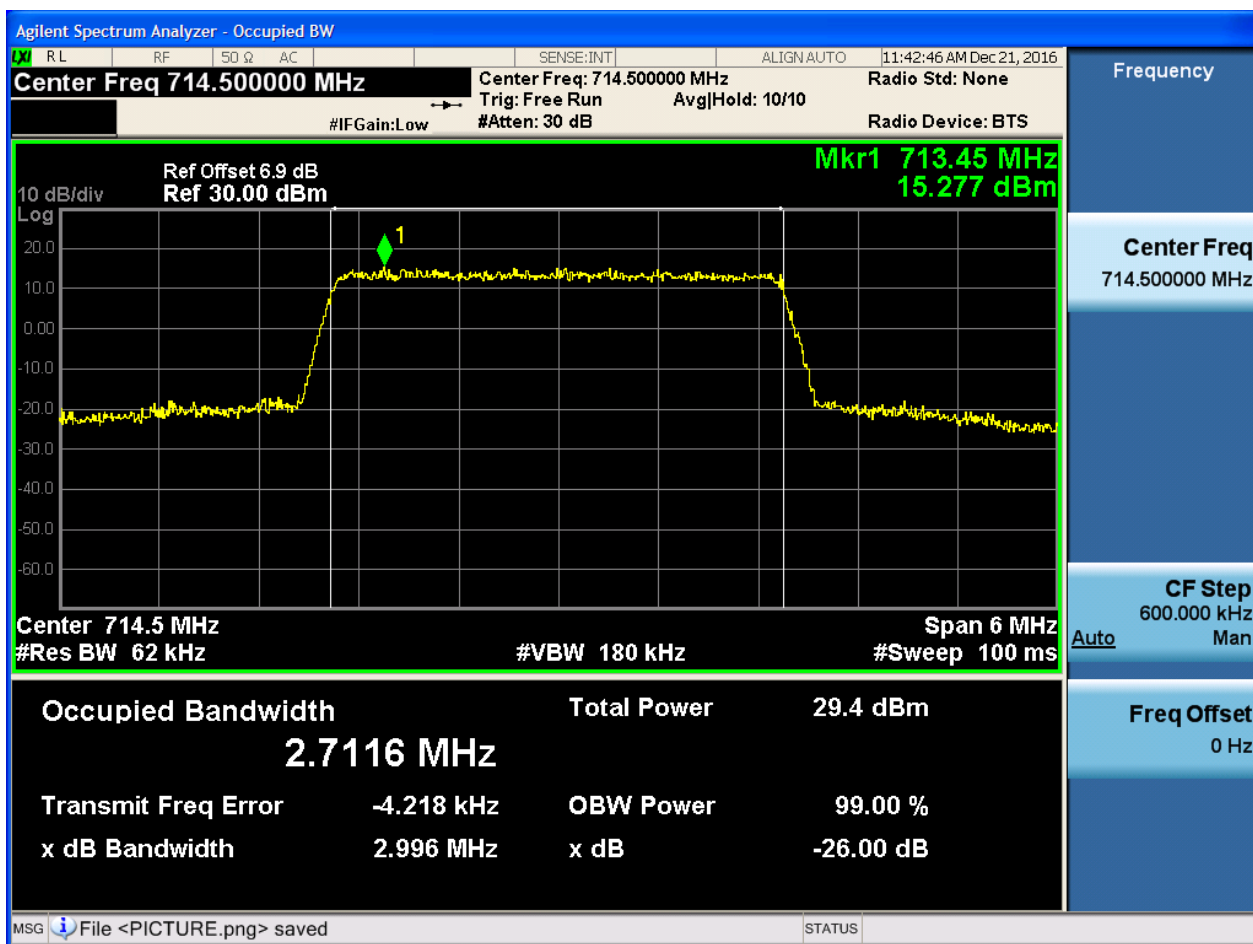
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

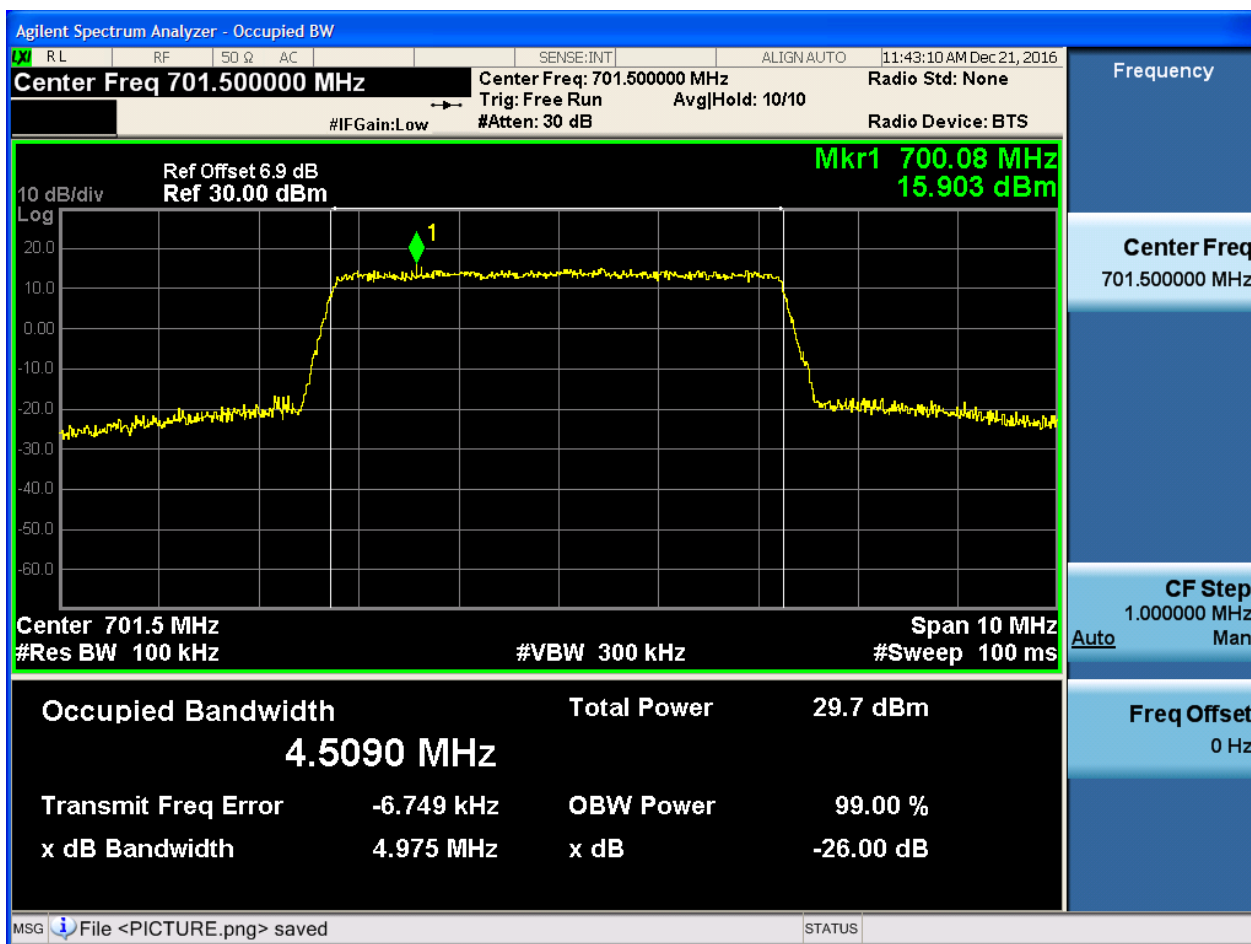




4.1.1.2.3 Test Bandwidth = 5

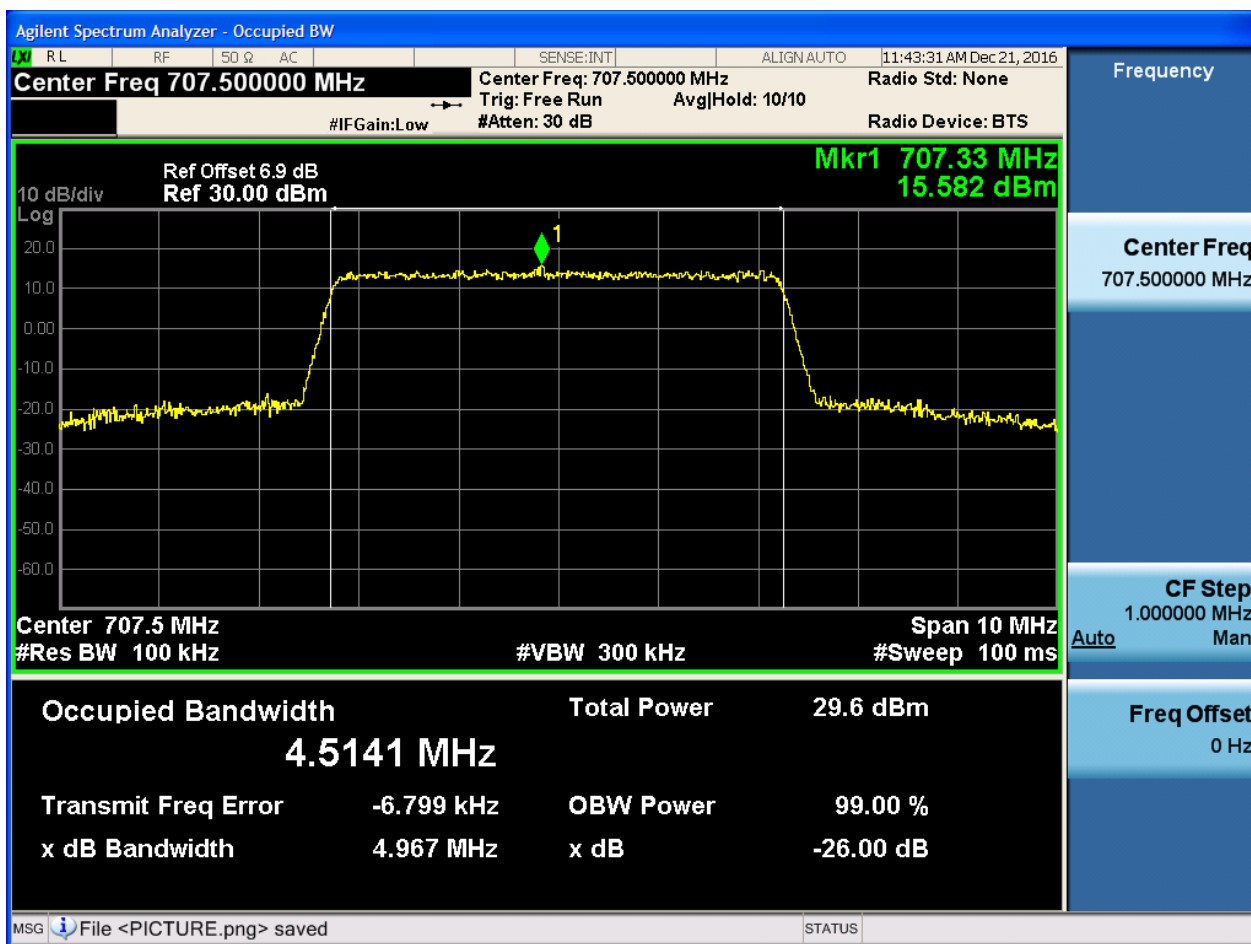
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

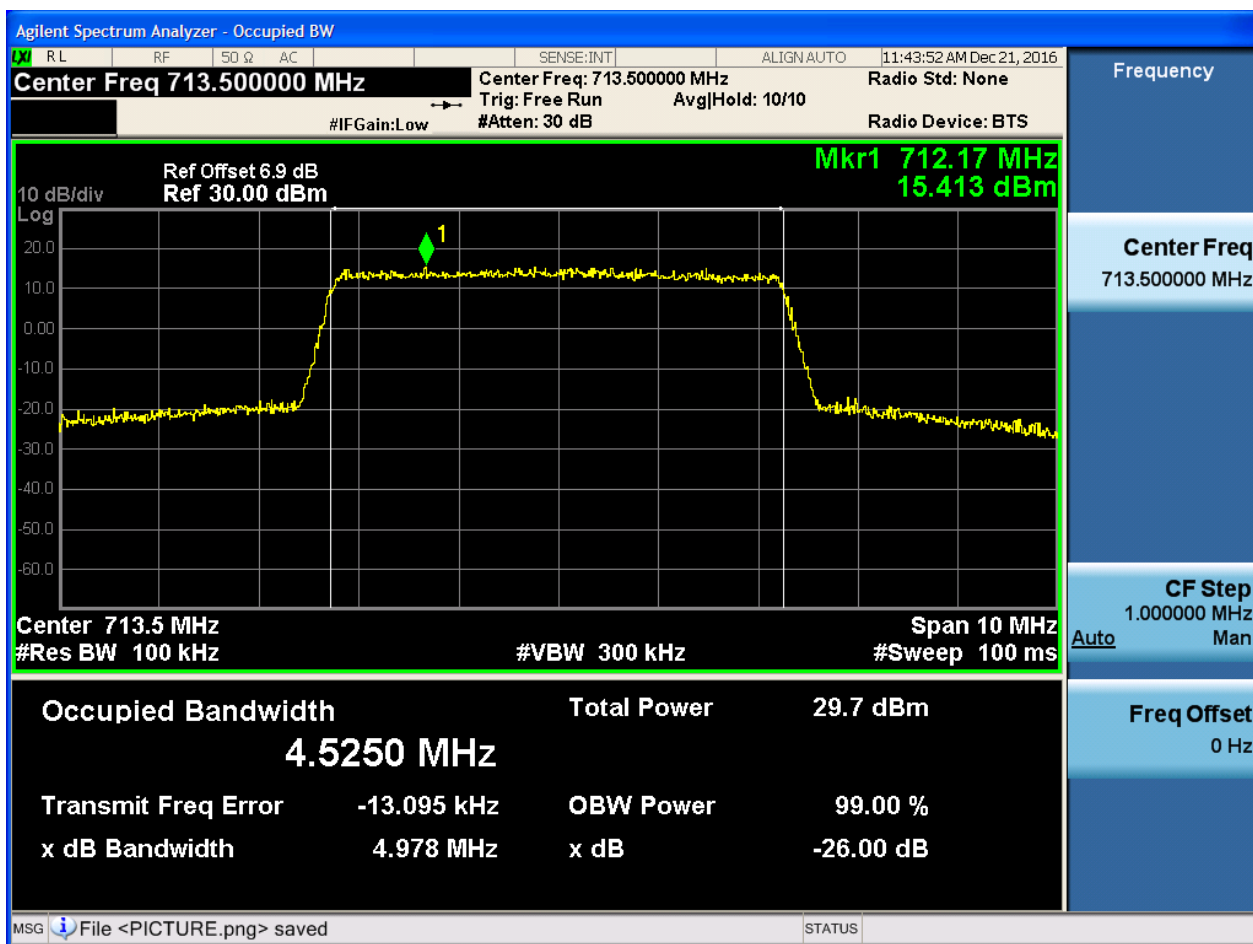
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

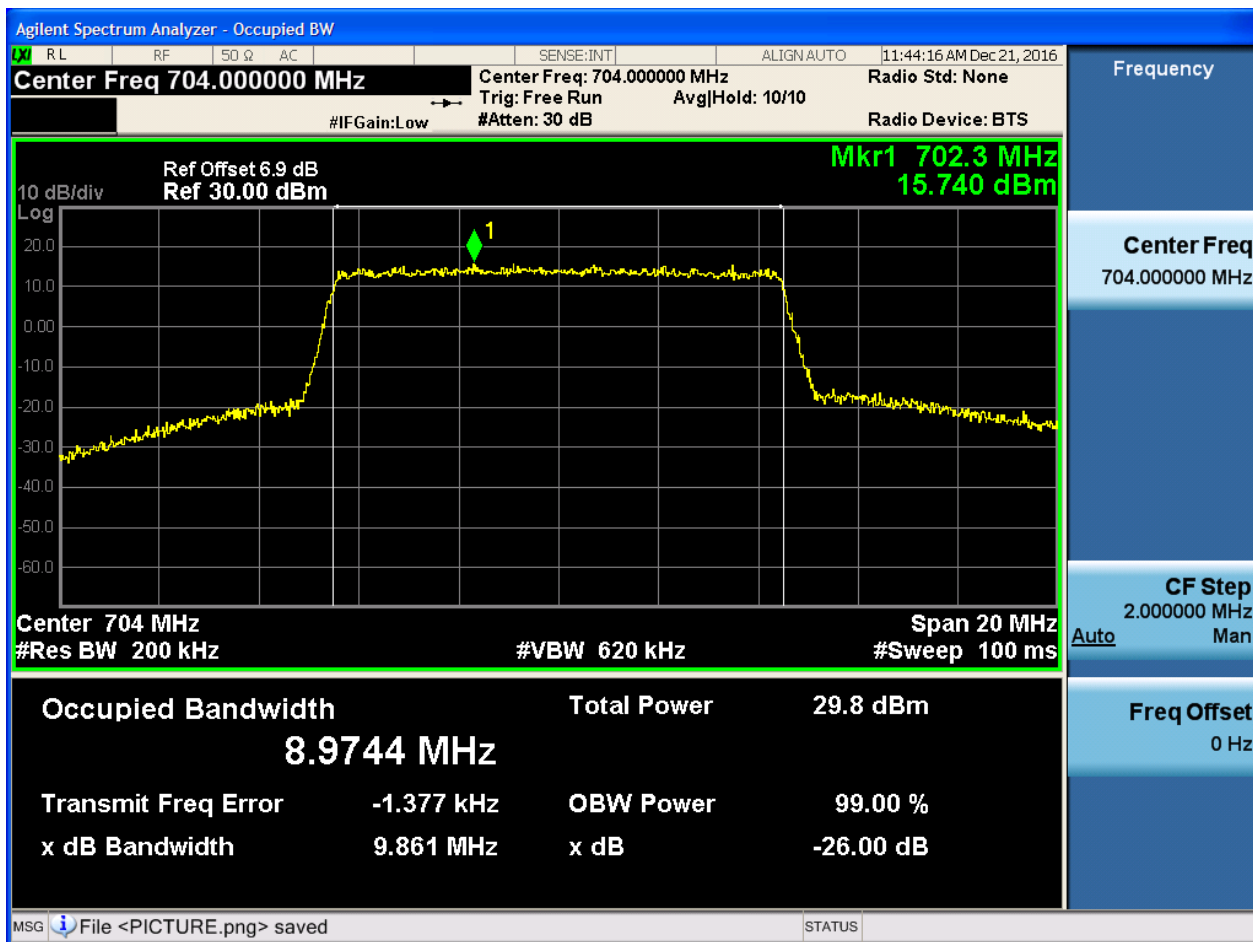




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

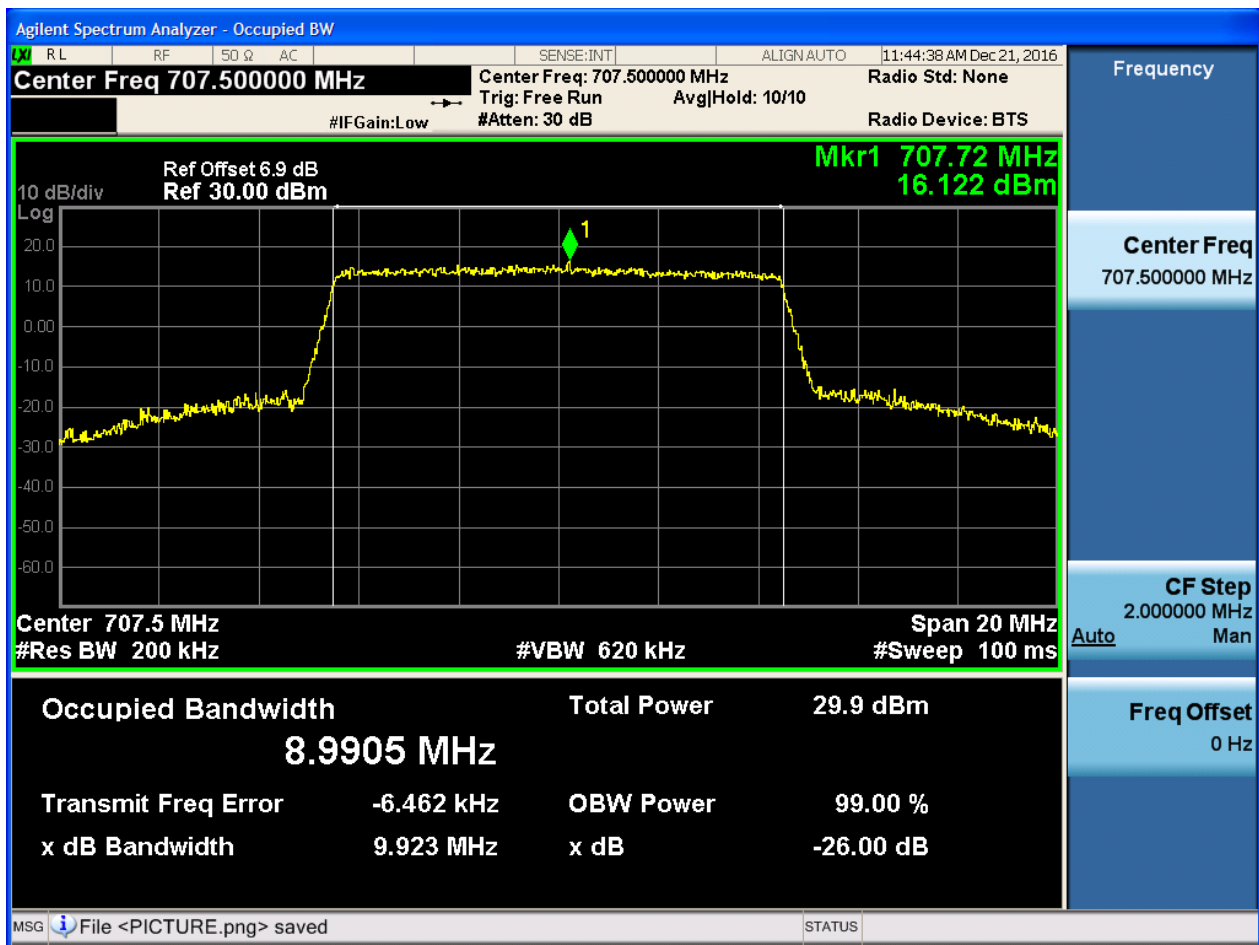
4.1.1.2.4.1.1 Test RB = RB50#0





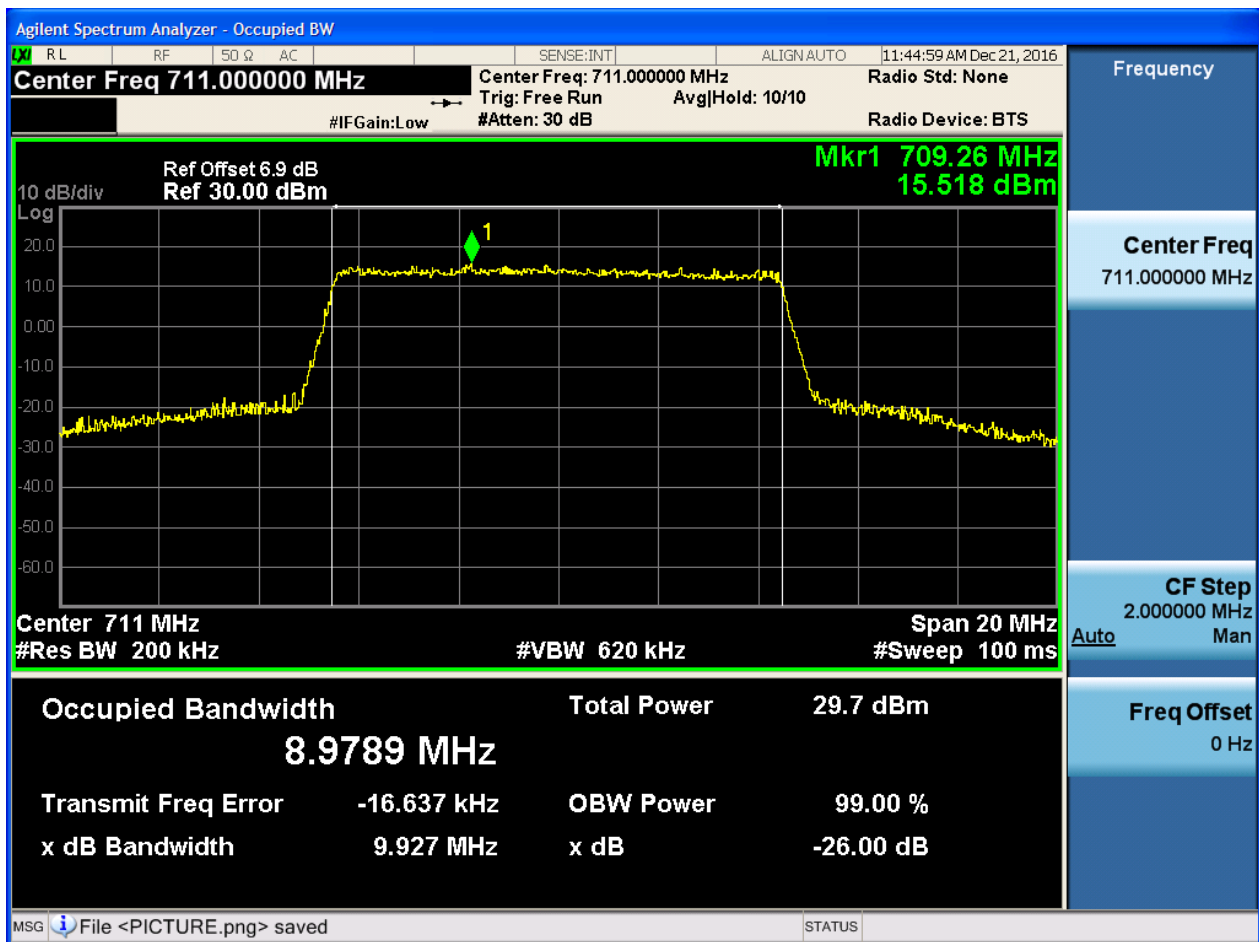
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

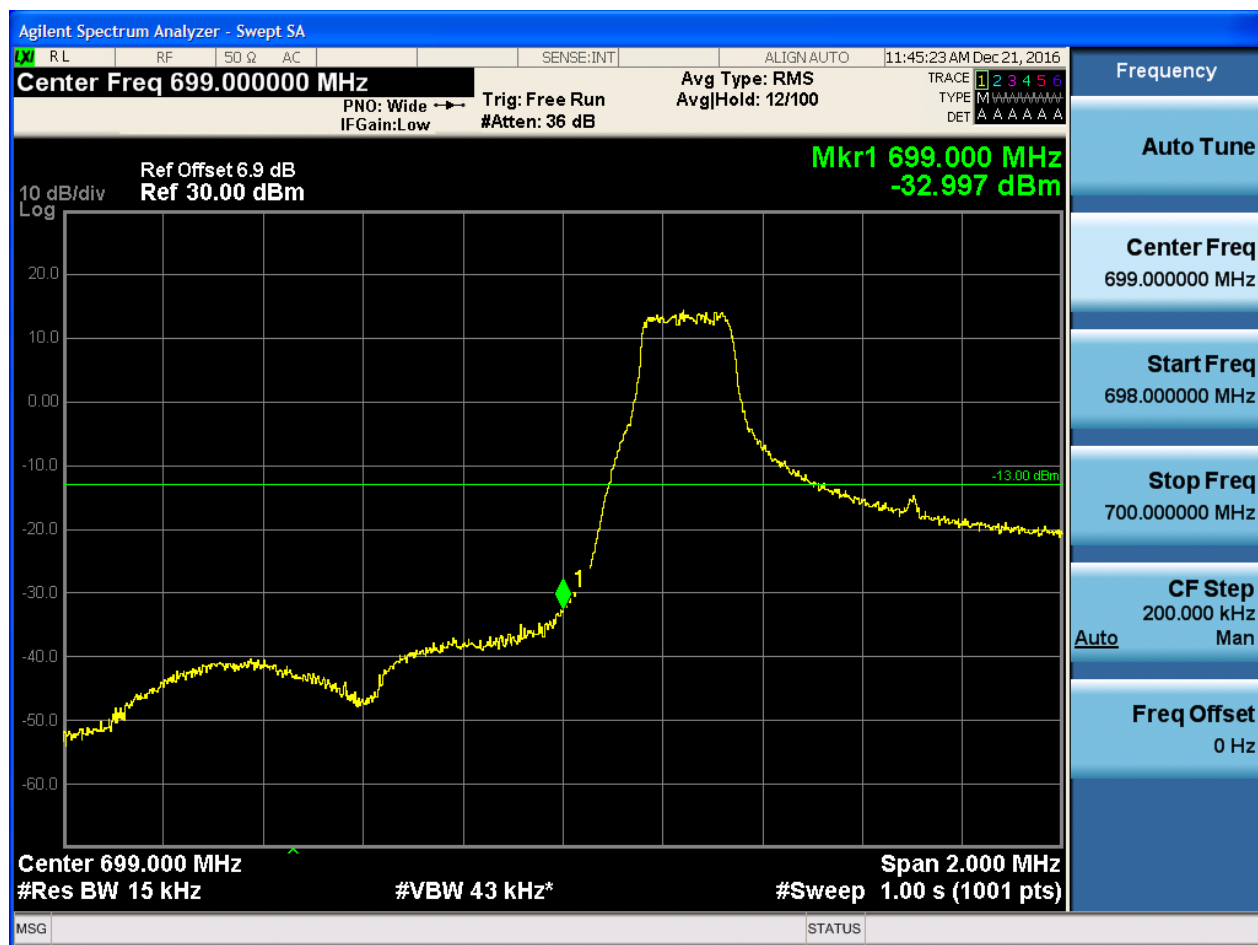
5.1.1 Test Band = BAND12

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



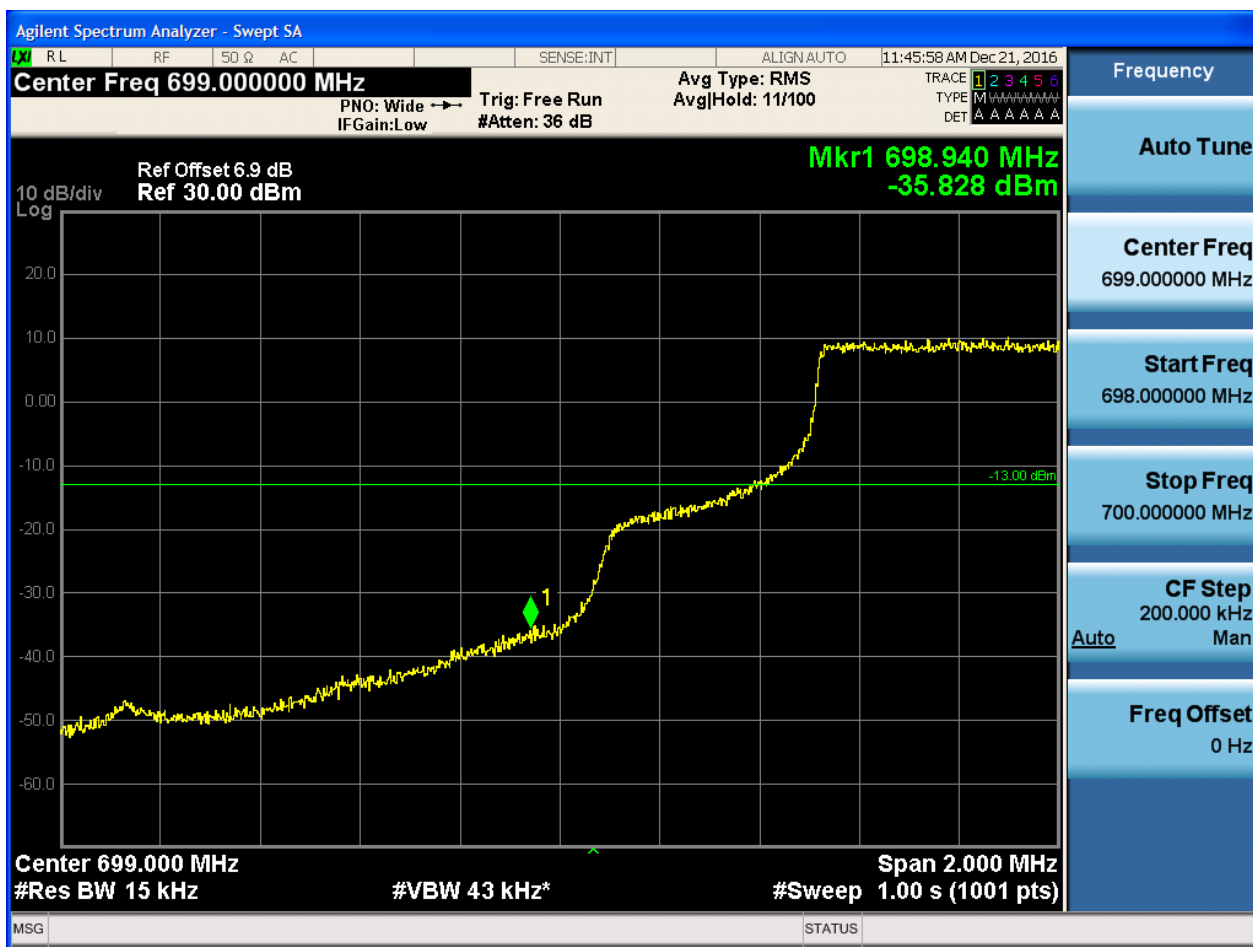


5.1.1.1.1.2 Test RB = RB1#5



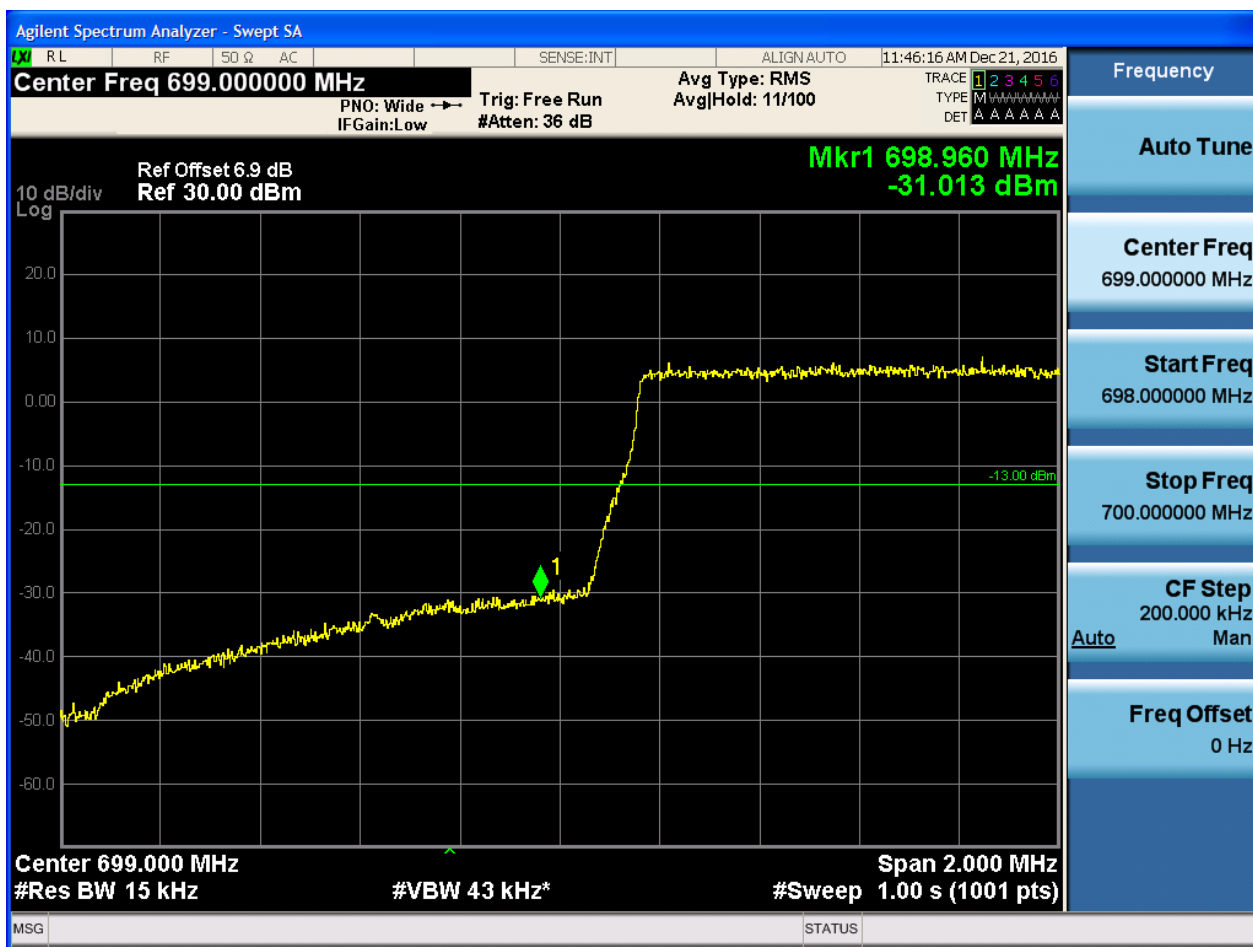


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0



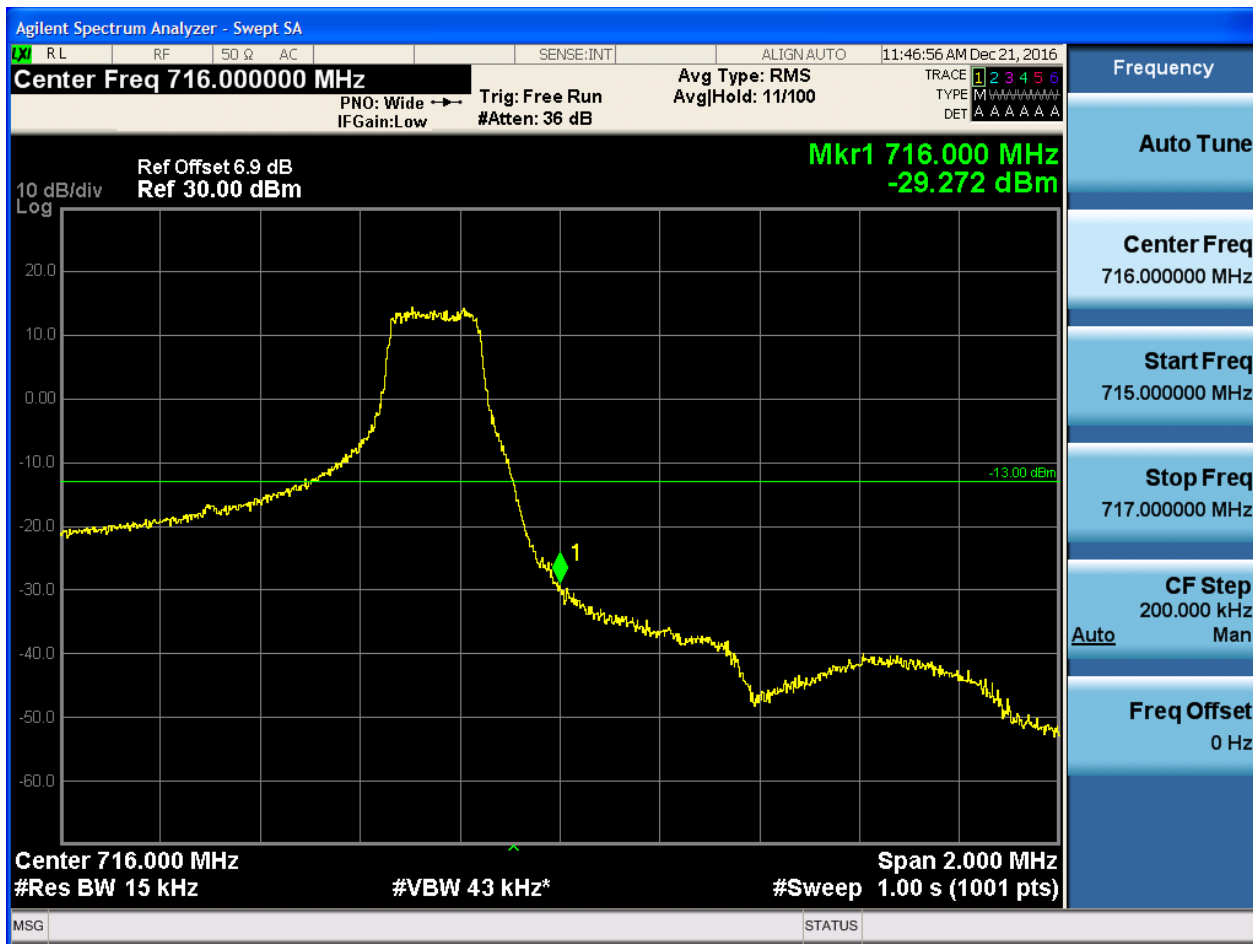
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

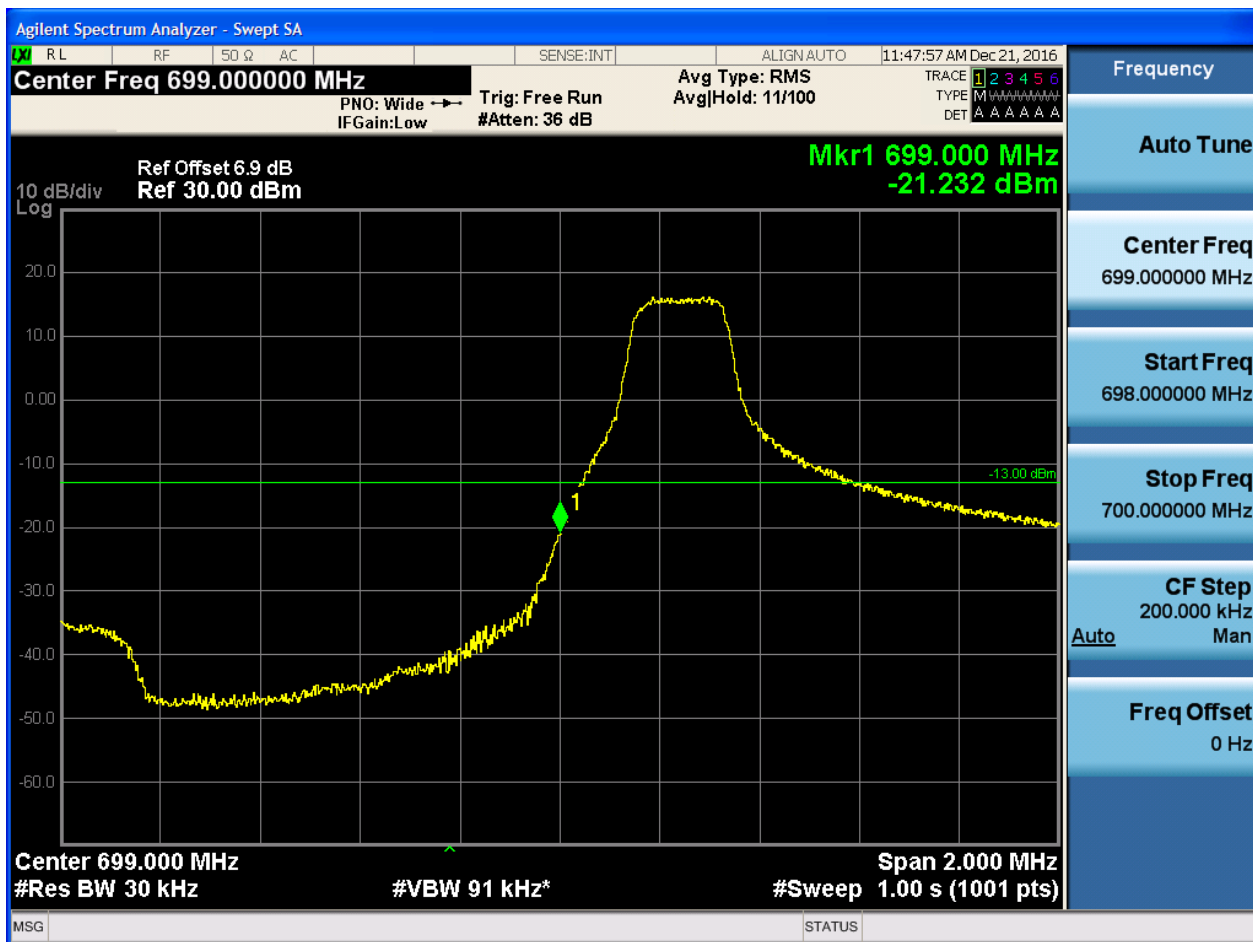




5.1.1.1.2 Test Bandwidth = 3

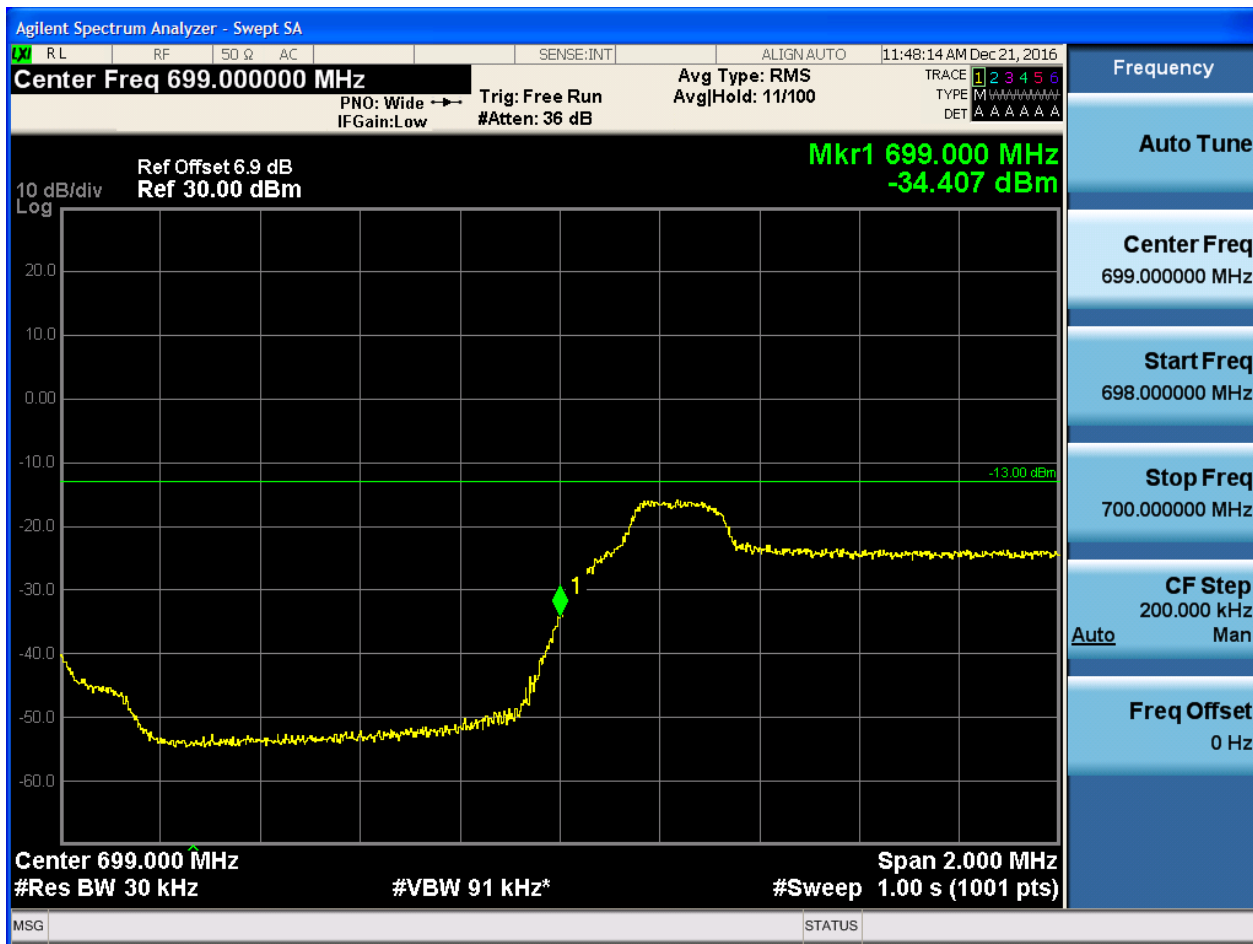
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



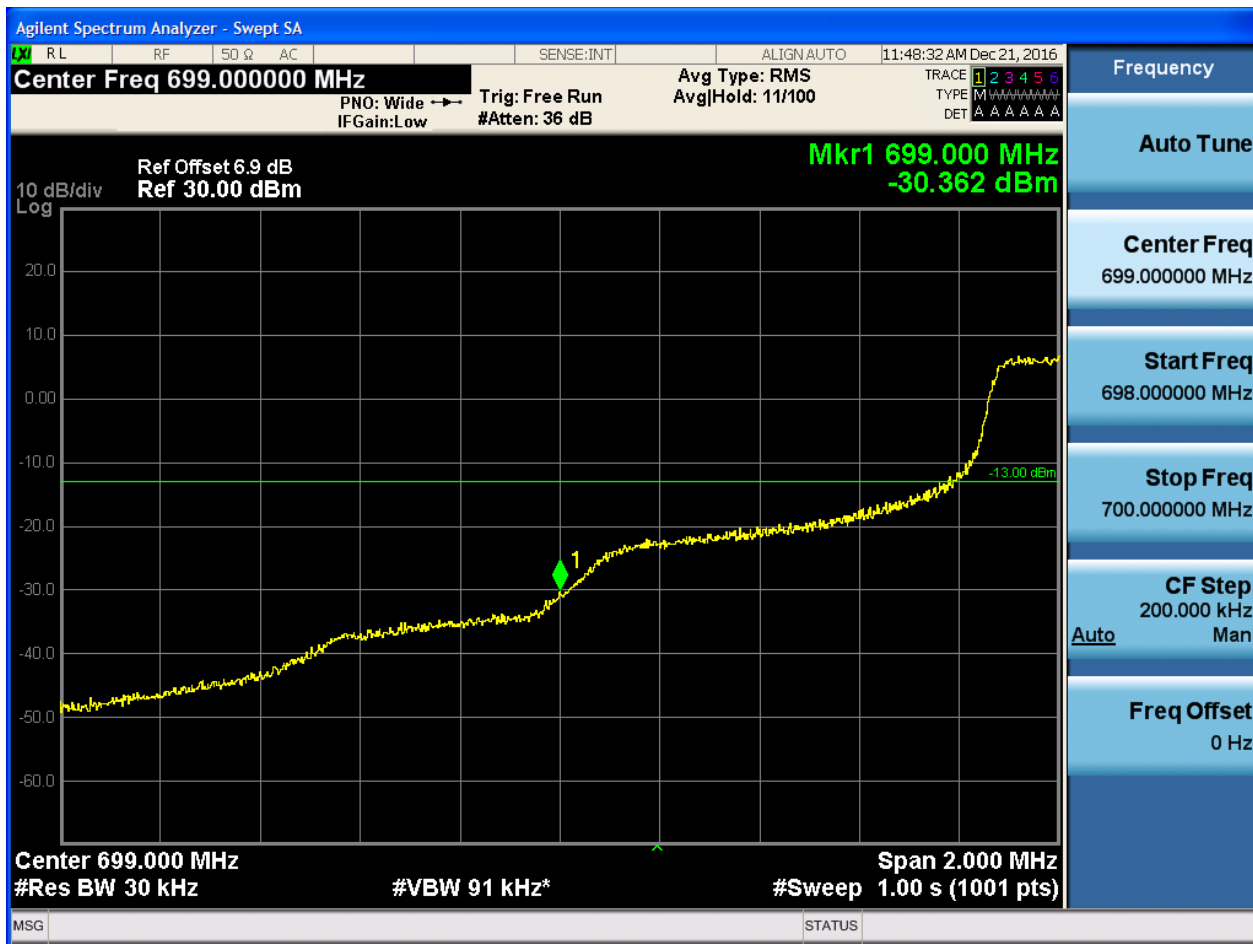


5.1.1.1.2.1.2 Test RB = RB1#14



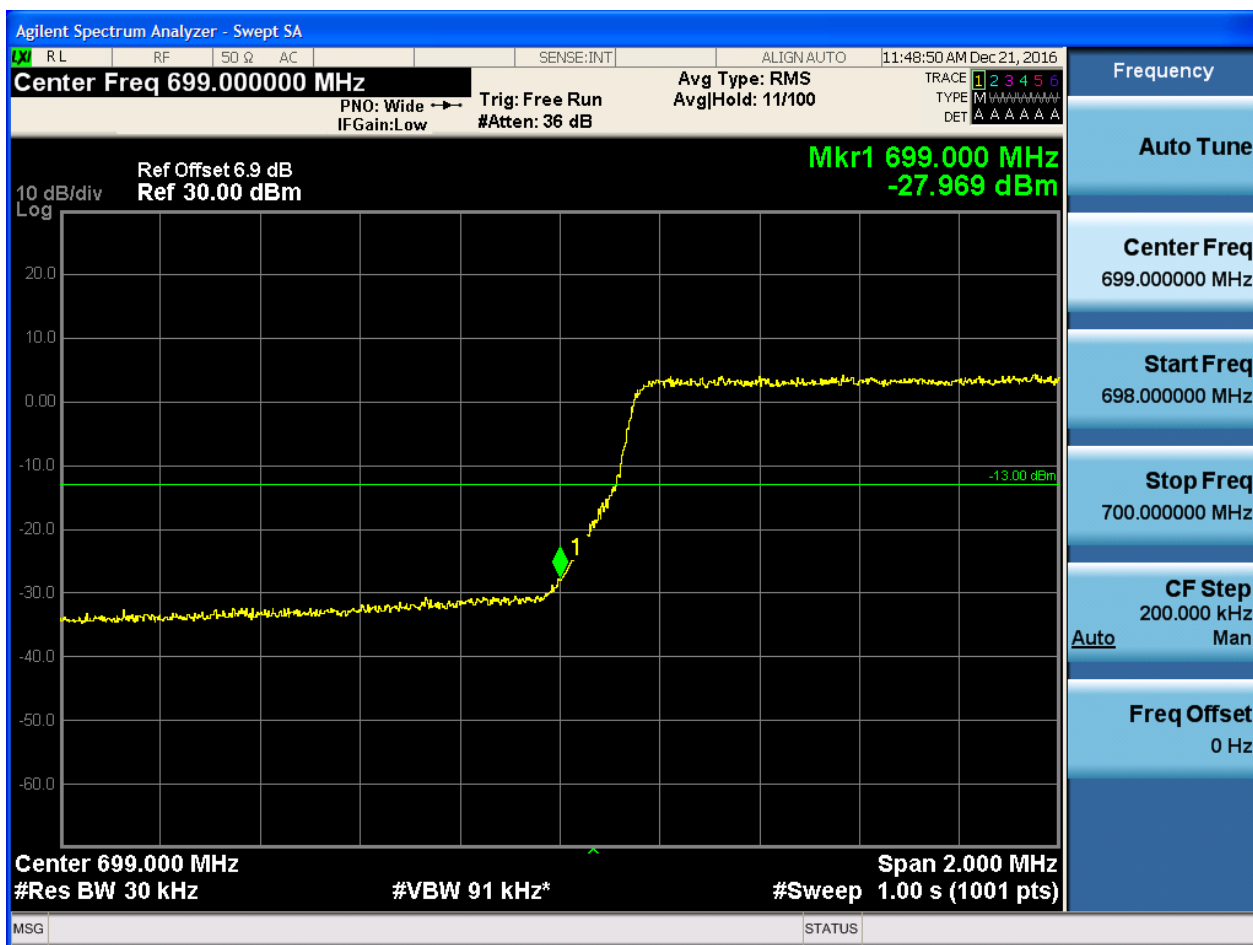


5.1.1.1.2.1.3 Test RB = RB8#4





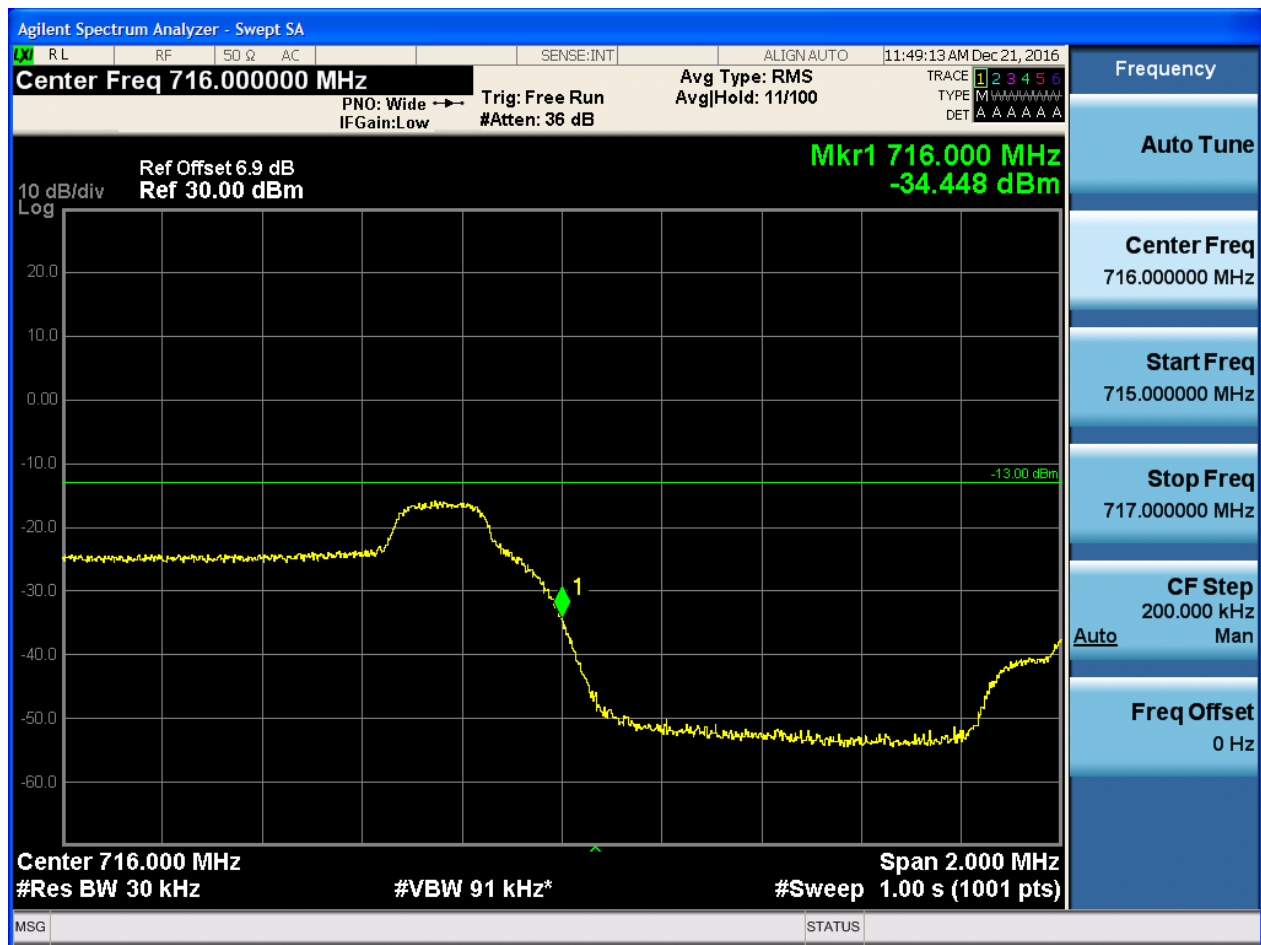
5.1.1.1.2.1.4 Test RB = RB15#0





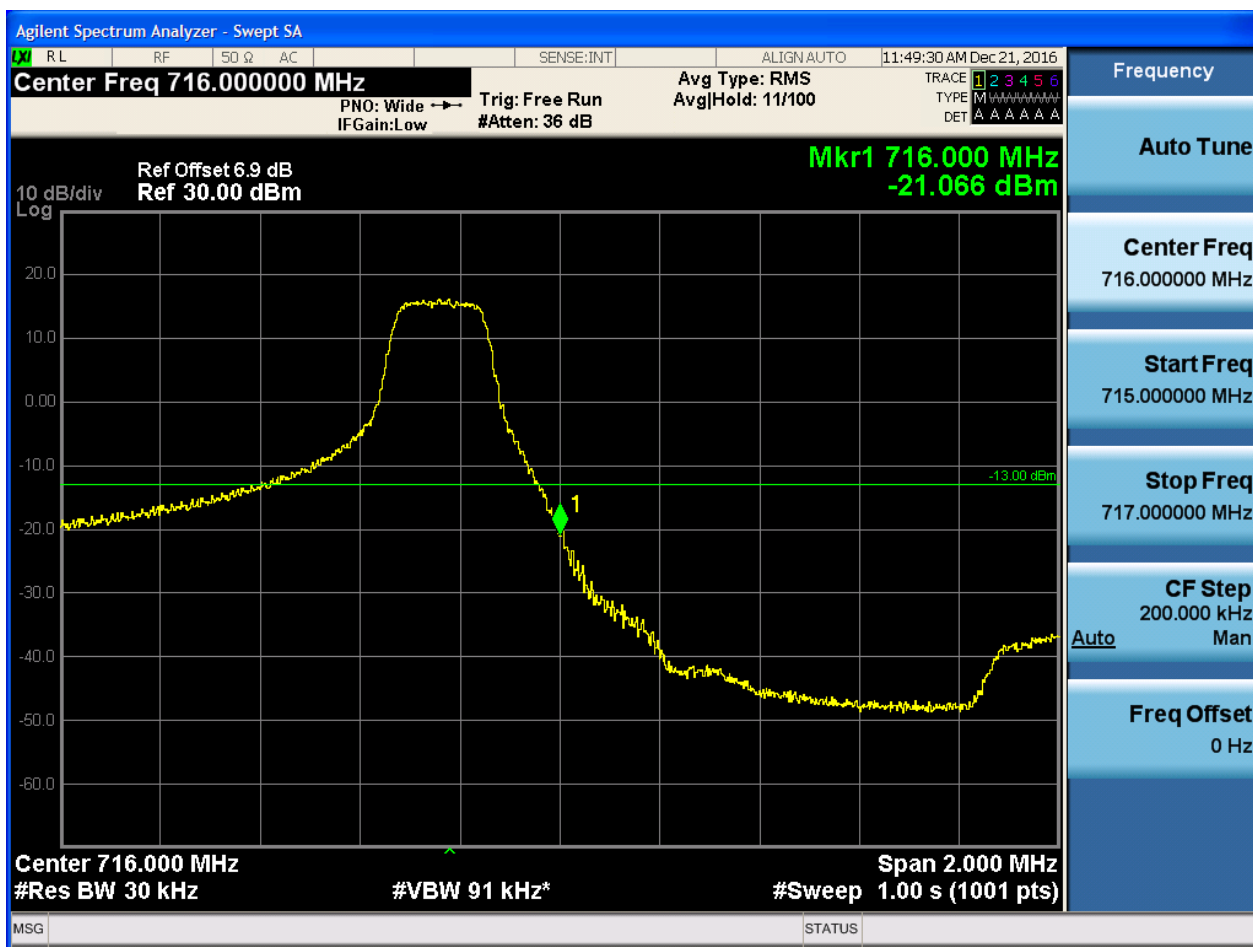
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



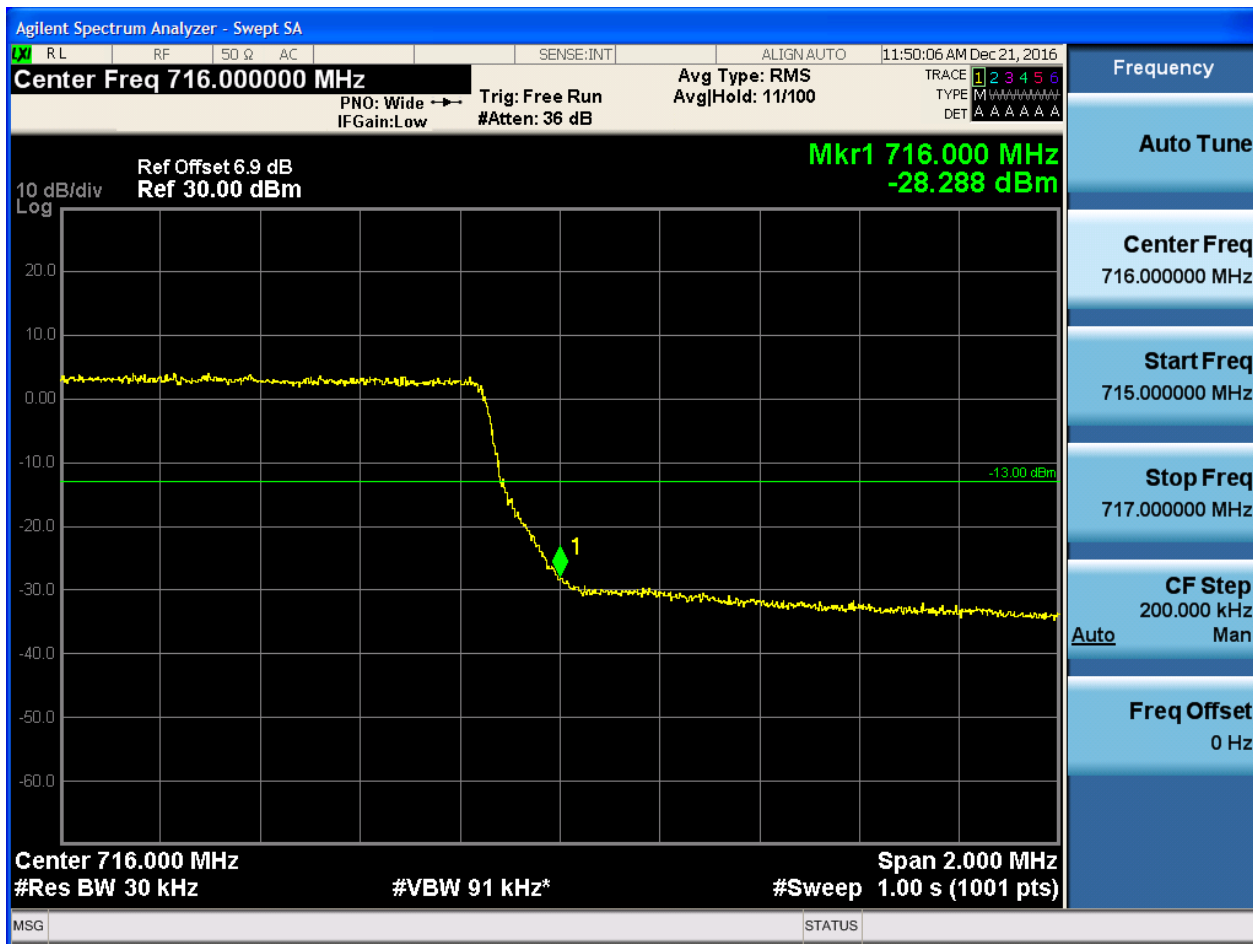


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

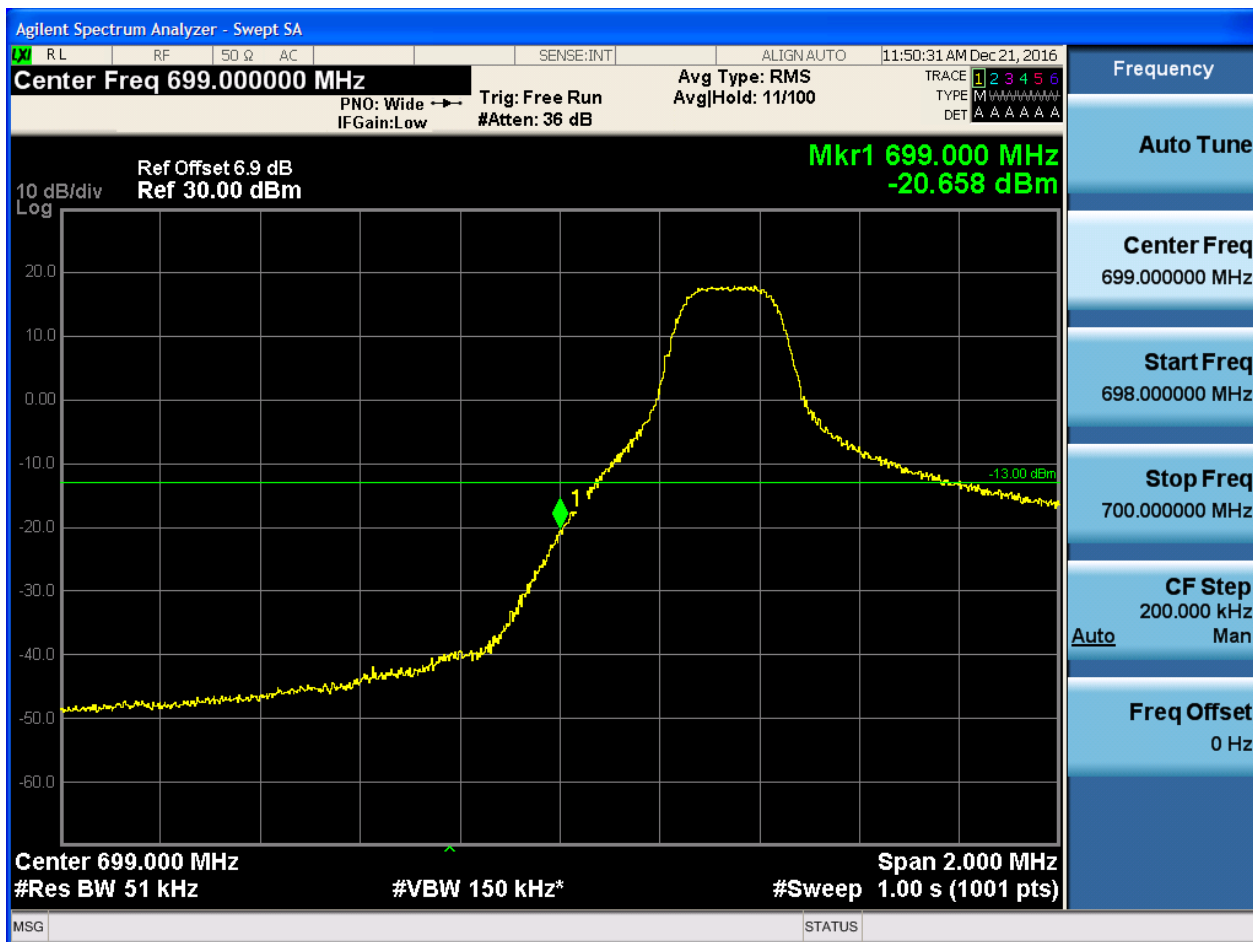




5.1.1.1.3 Test Bandwidth = 5

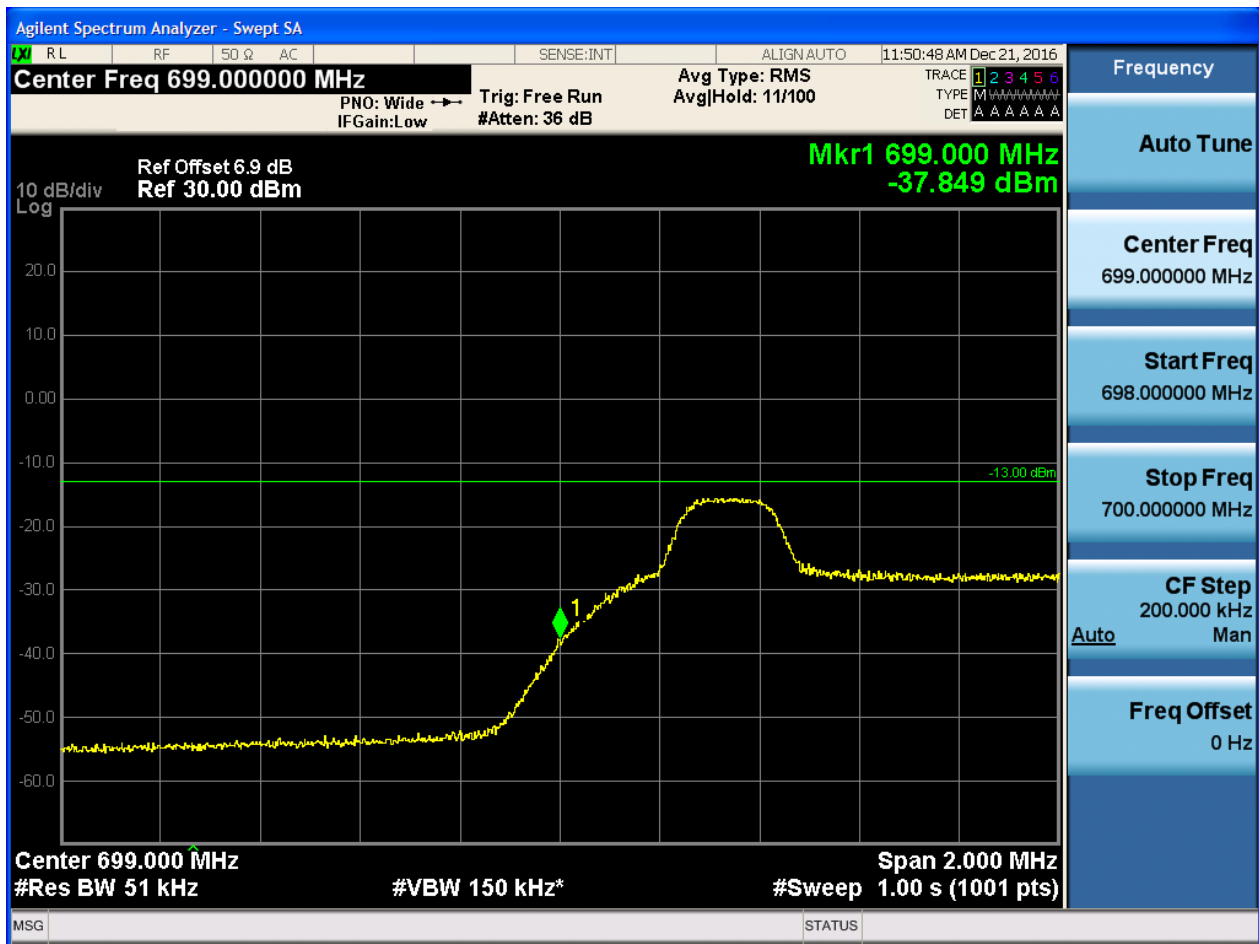
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



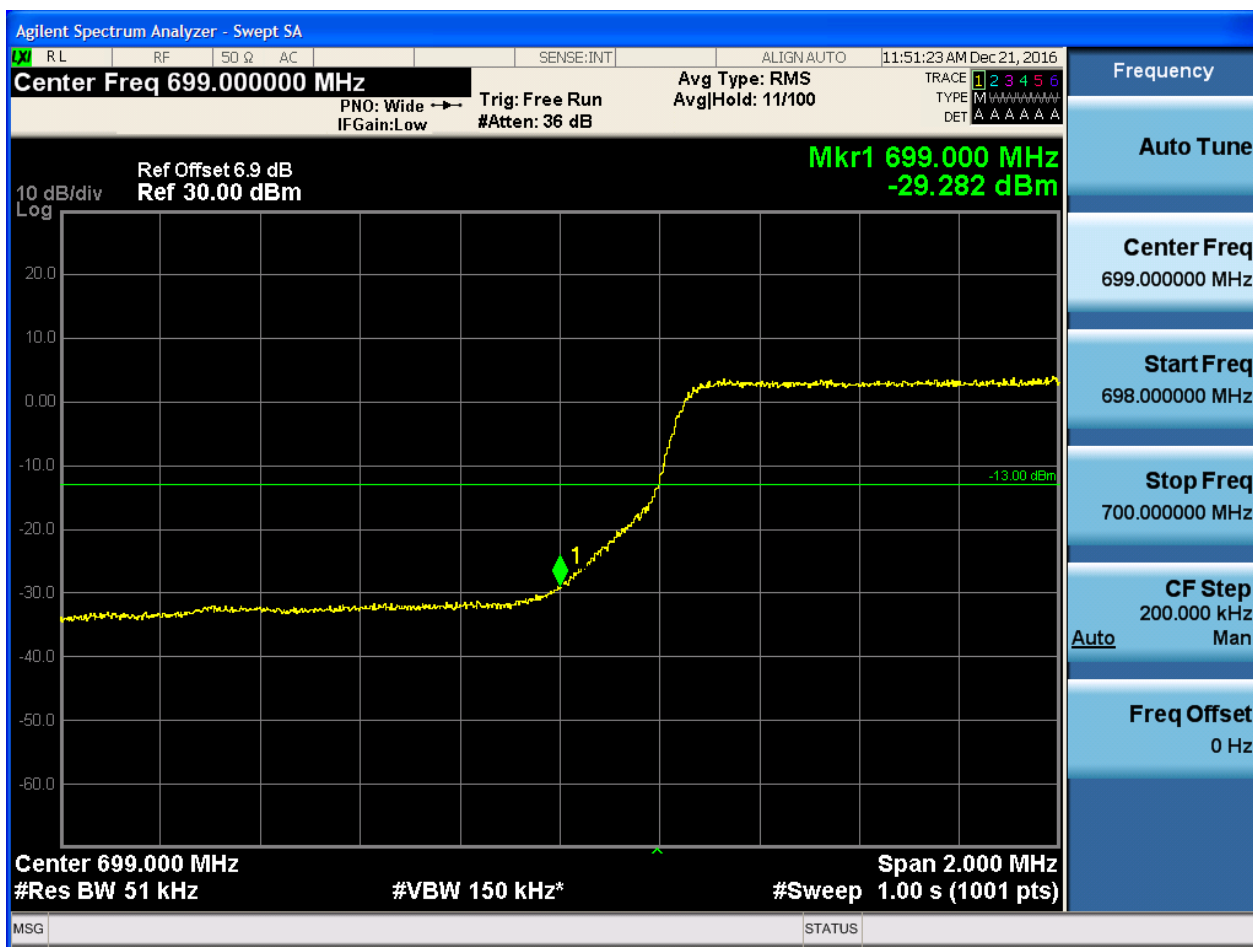


5.1.1.1.3.1.3 Test RB = RB12#6





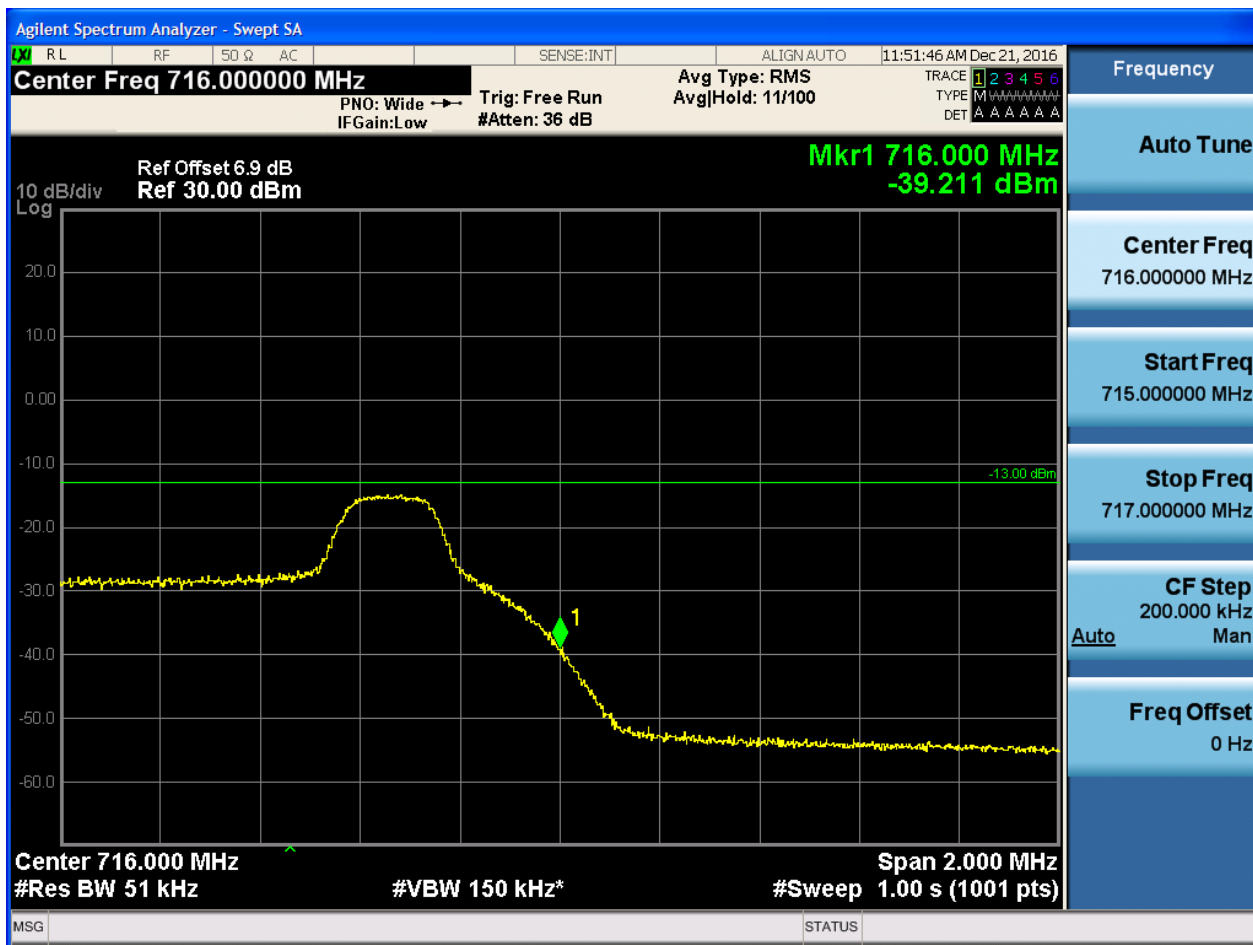
5.1.1.1.3.1.4 Test RB = RB25#0





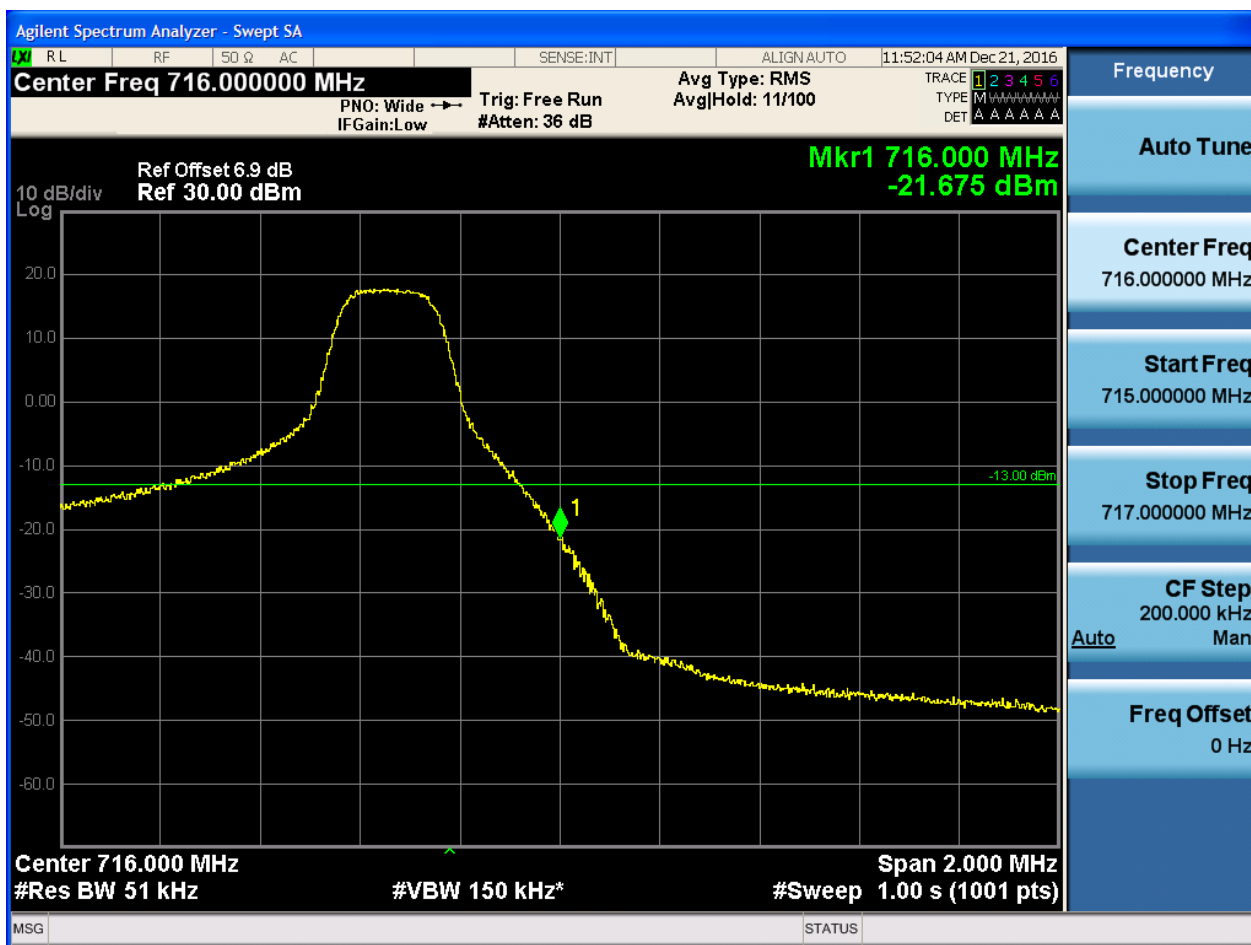
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24



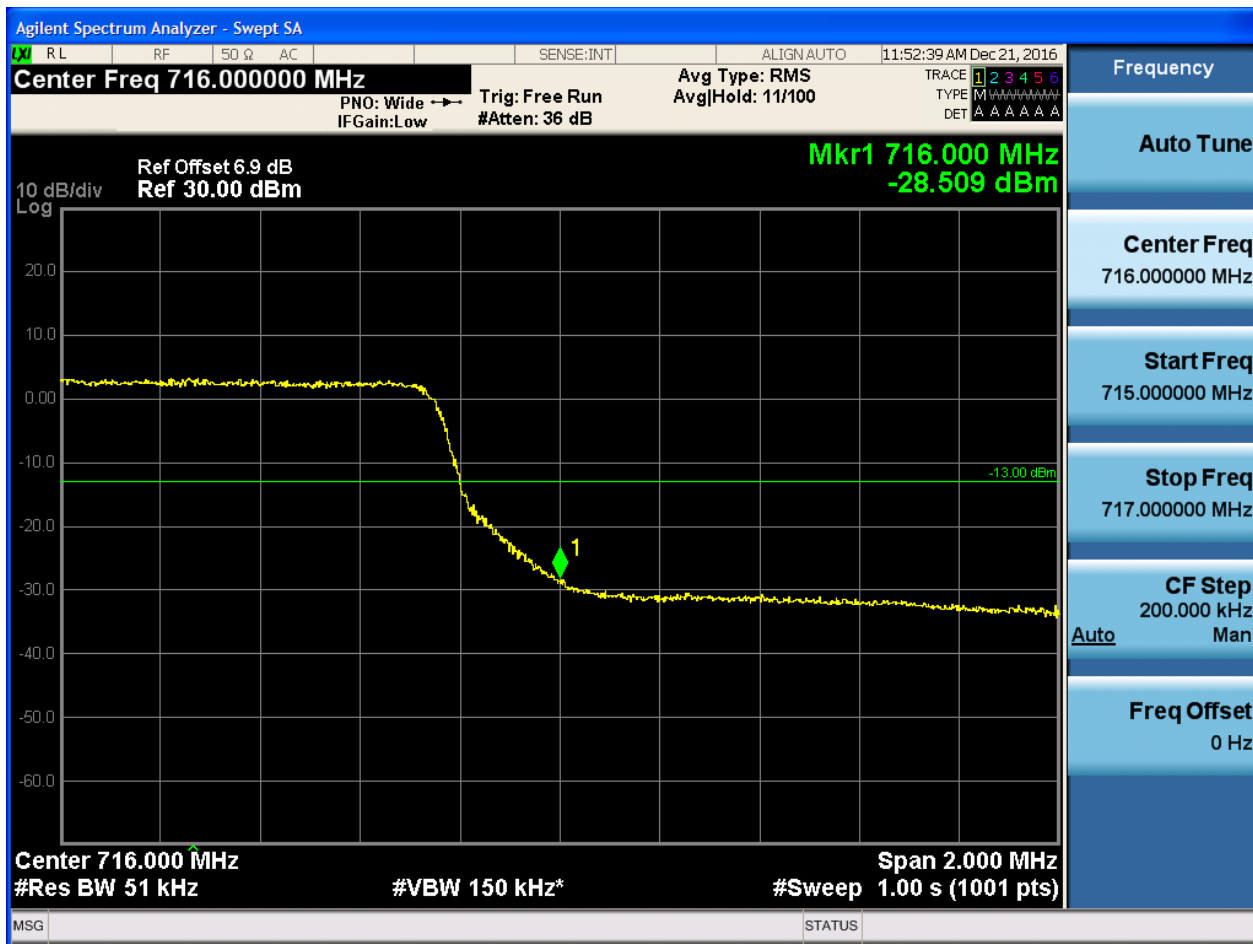


5.1.1.1.3.2.3 Test RB = RB12#6





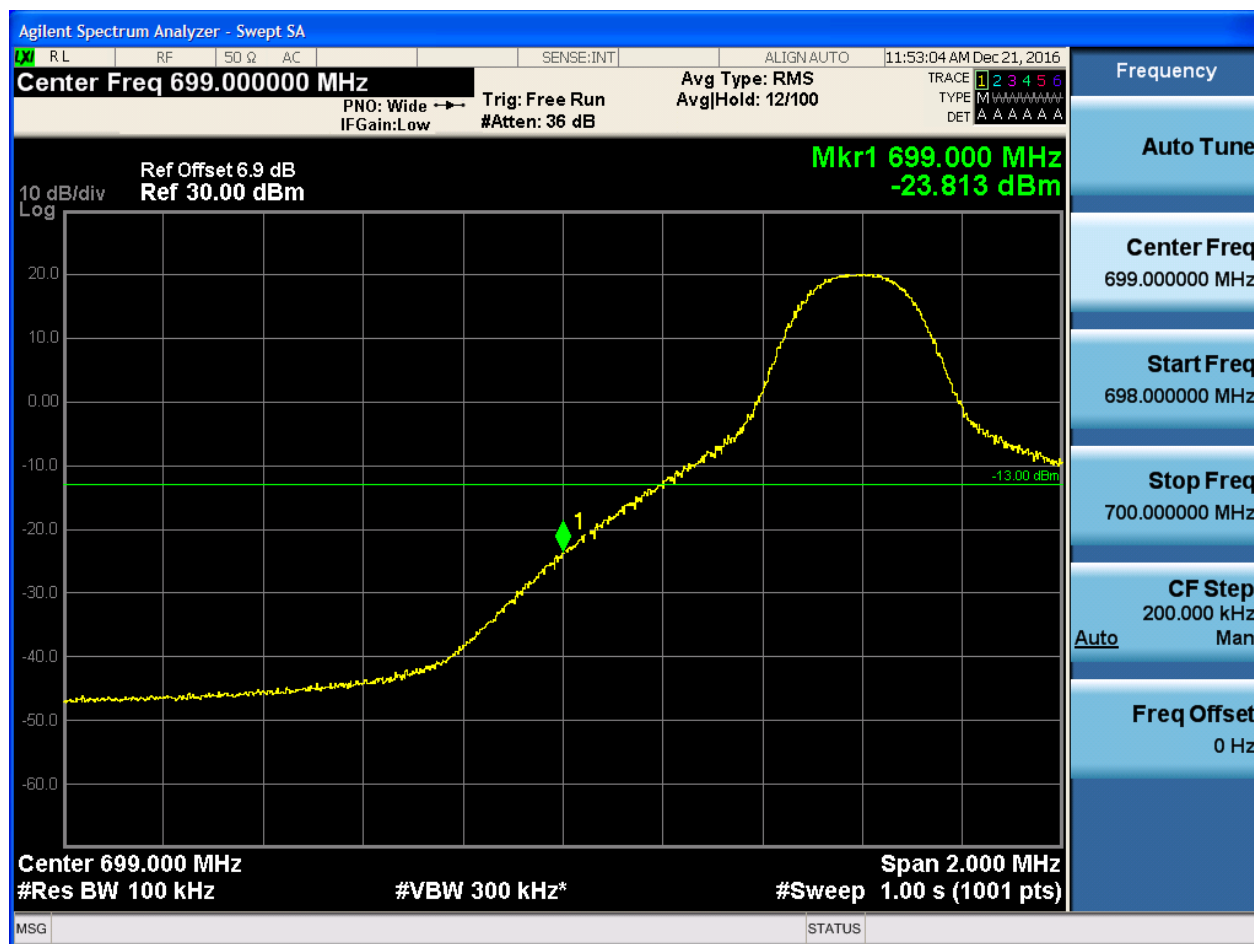
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

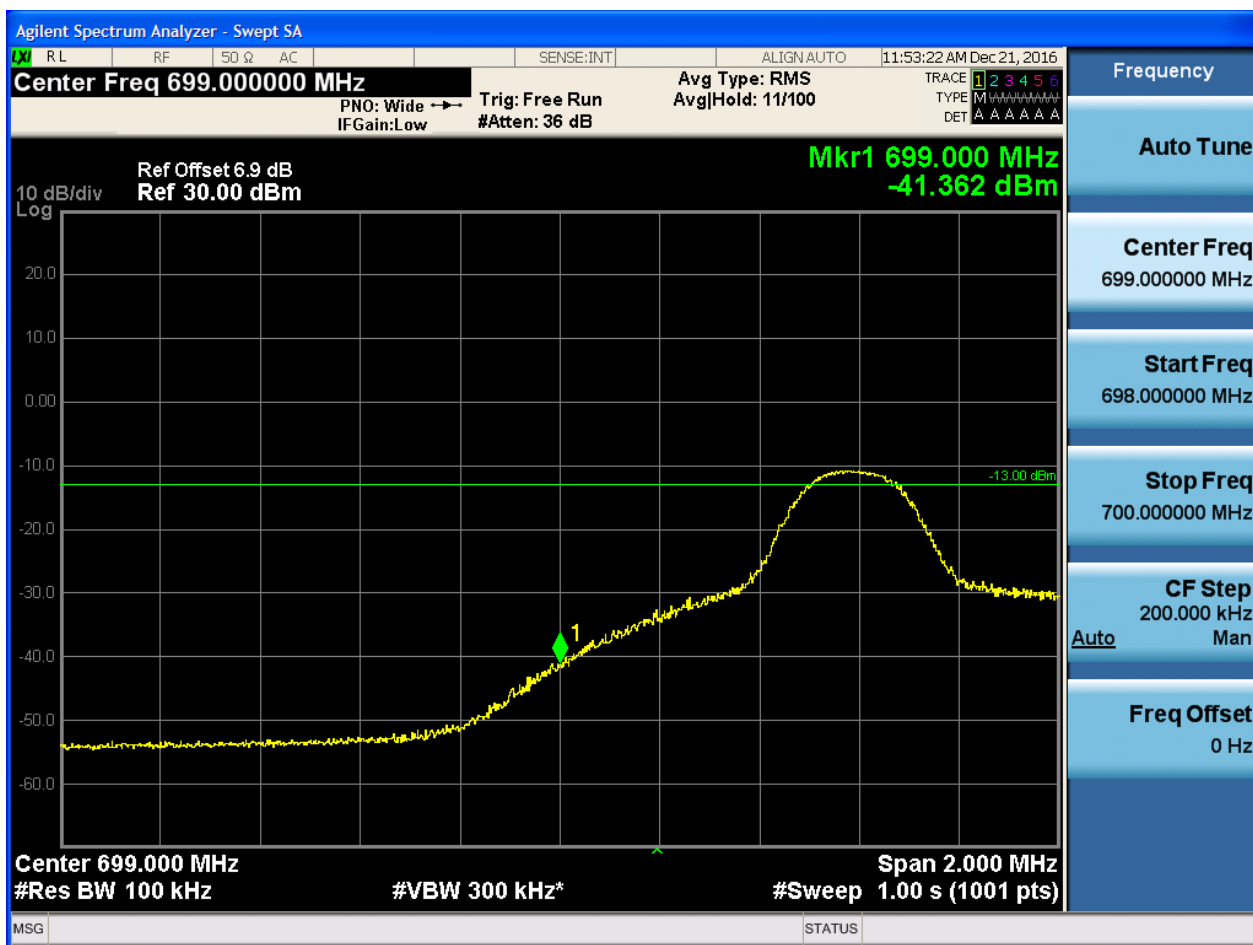
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





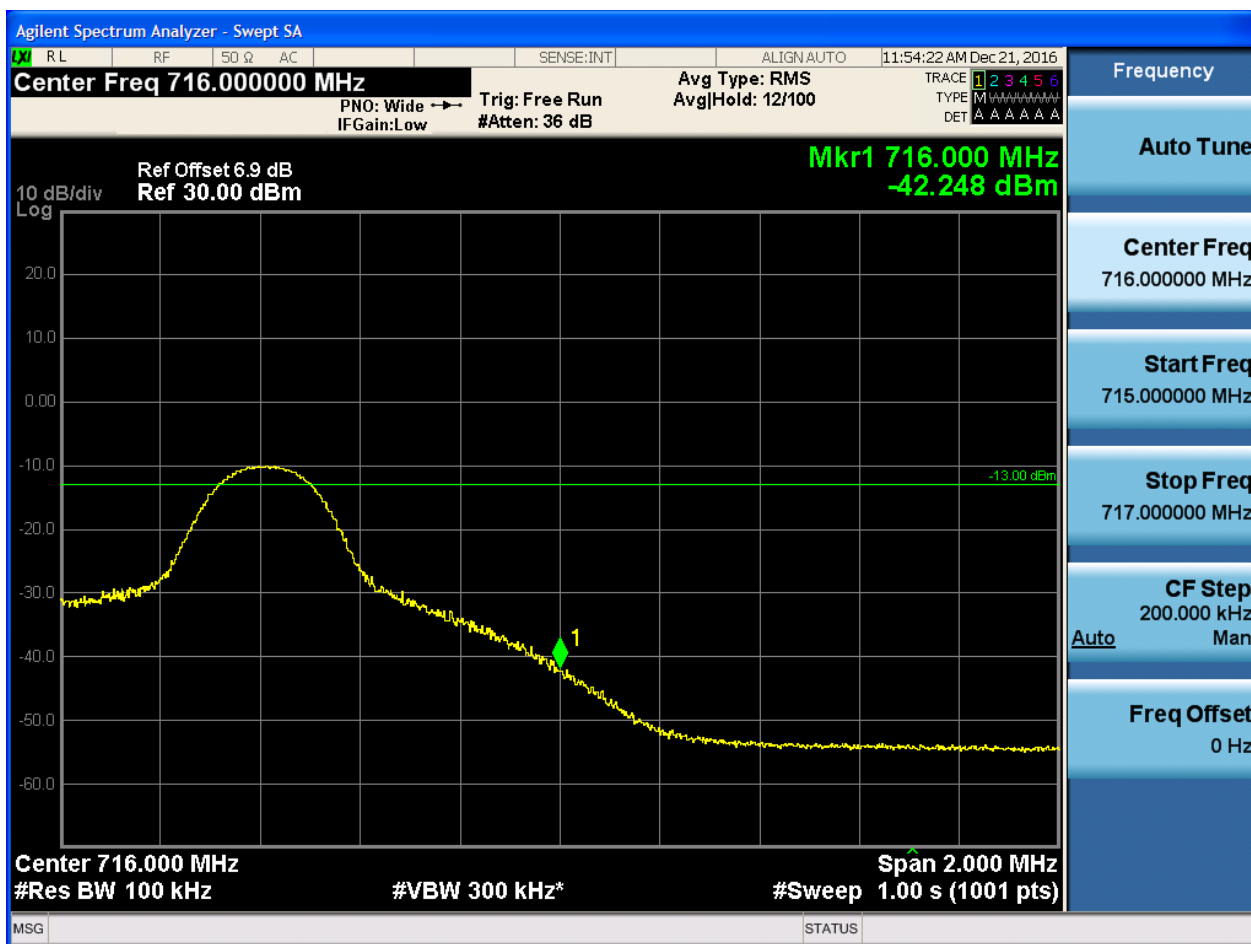
5.1.1.1.4.1.4 Test RB = RB50#0





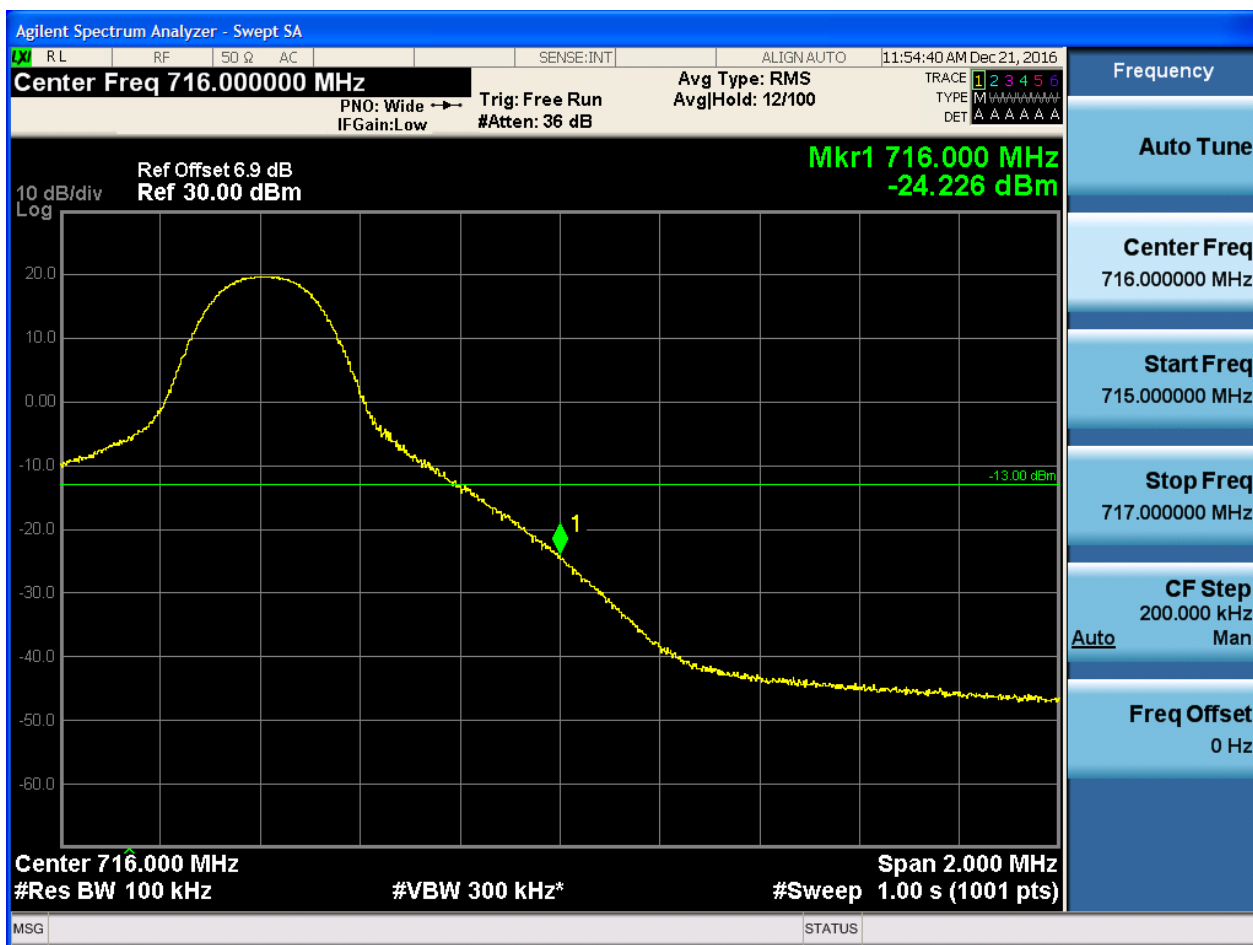
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



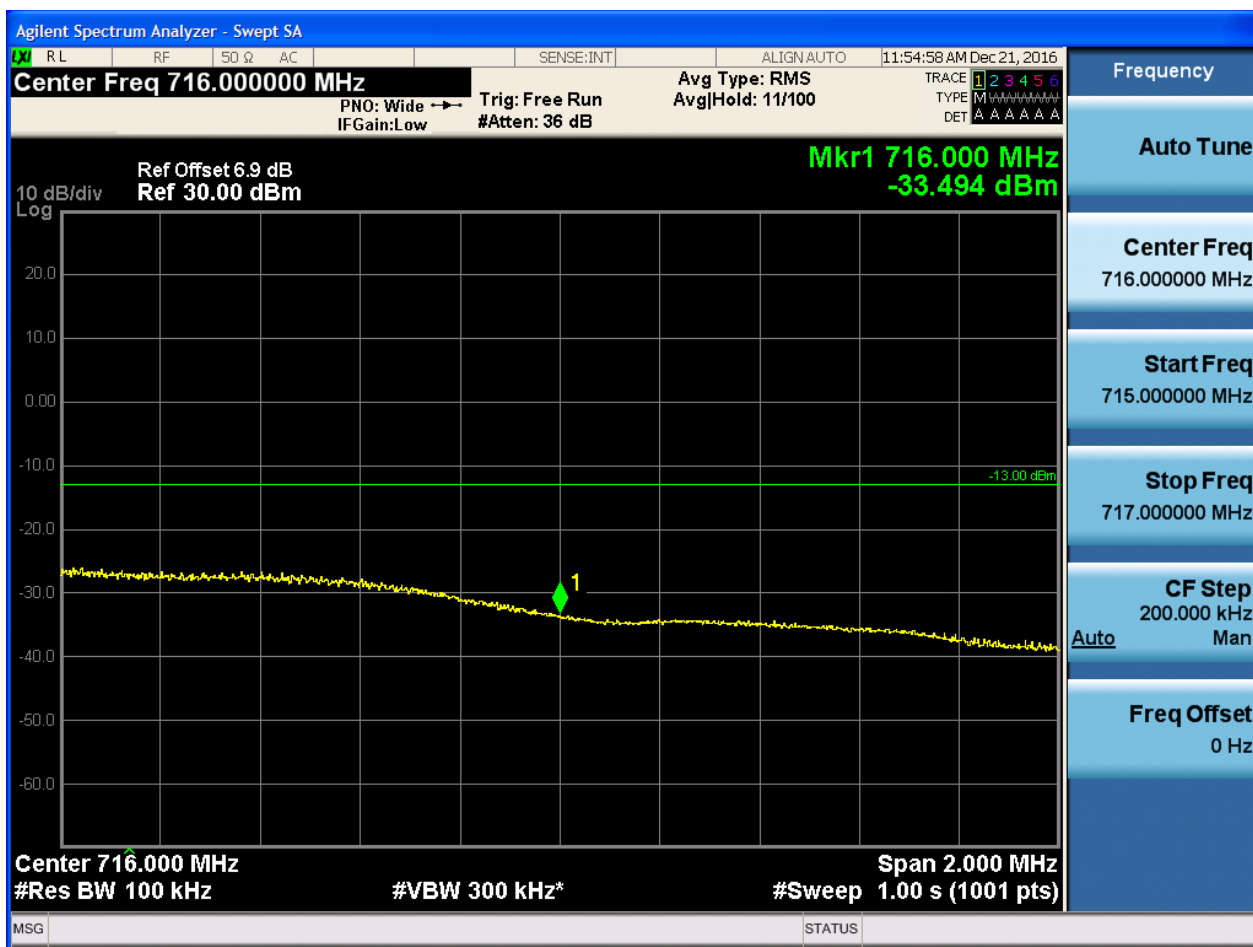


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0



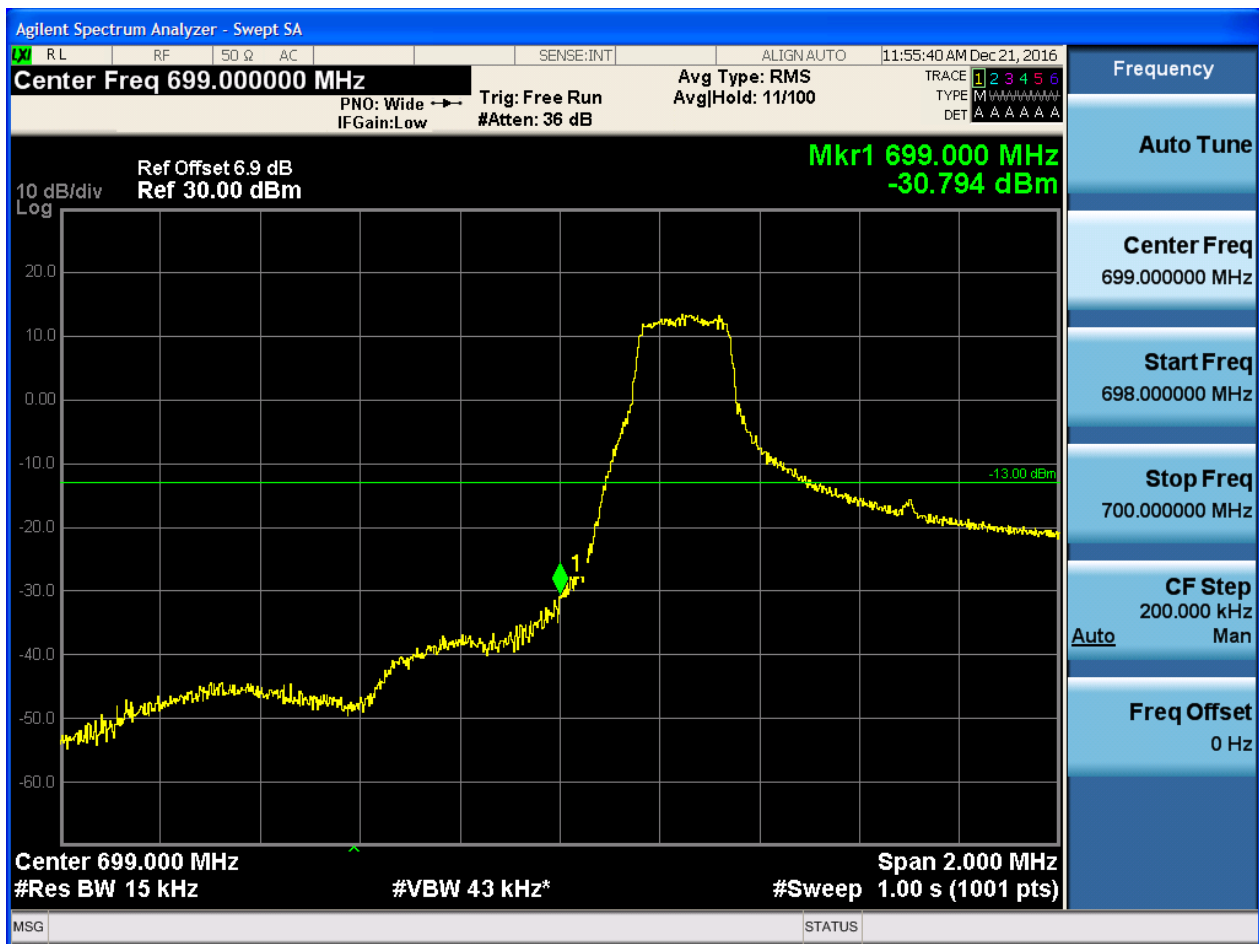


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



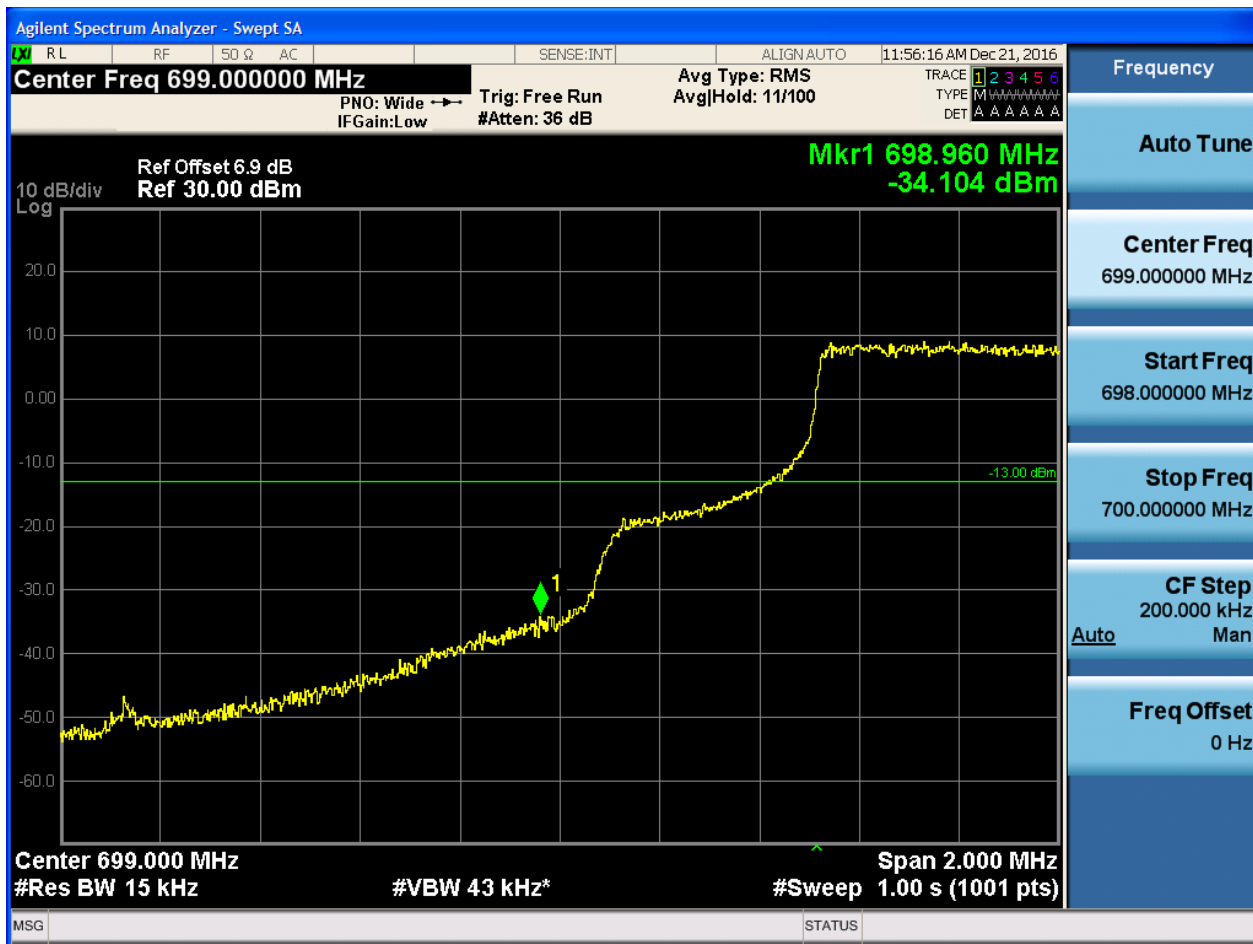


5.1.1.2.1.1.2 Test RB = RB1#5



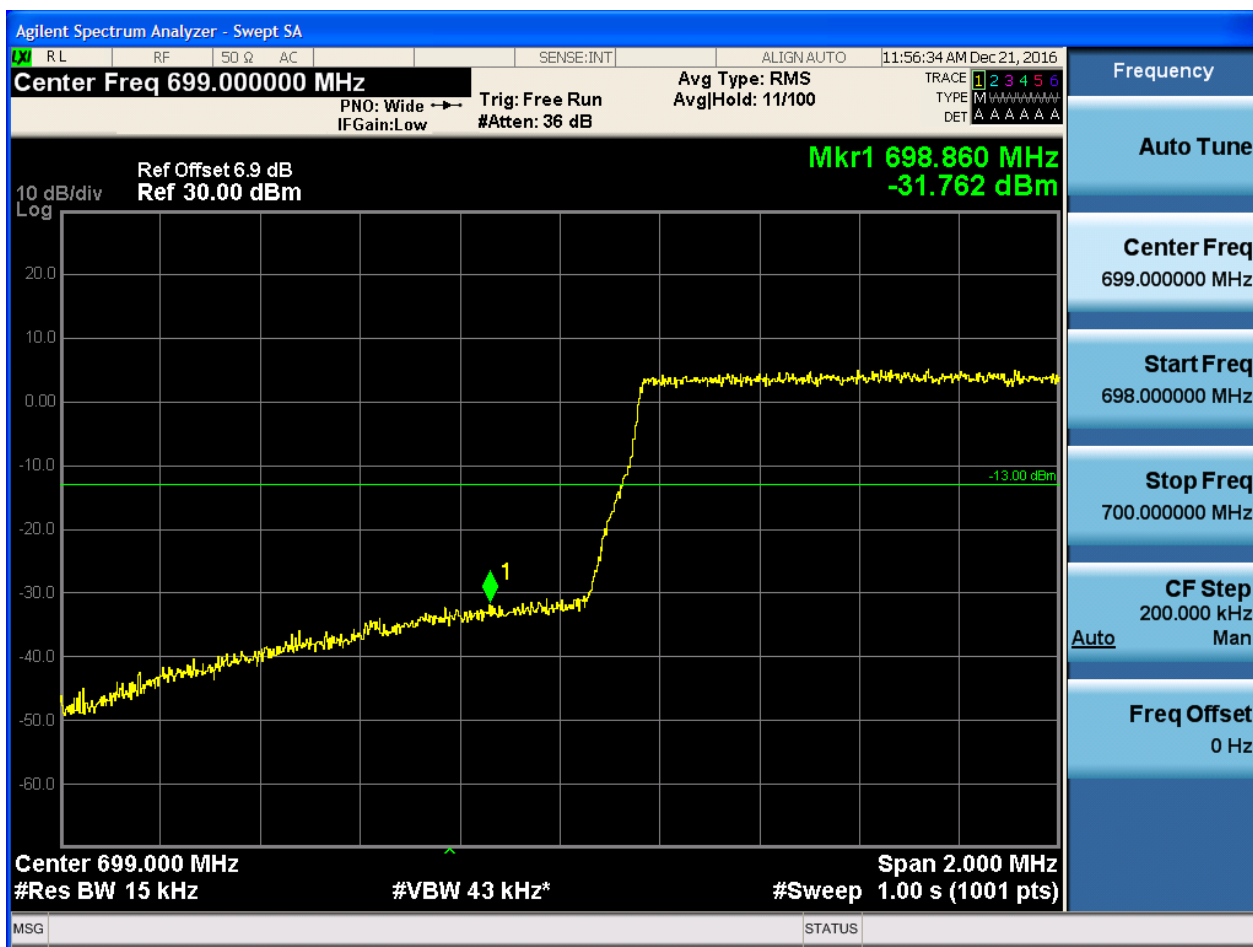


5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#0





5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5





5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

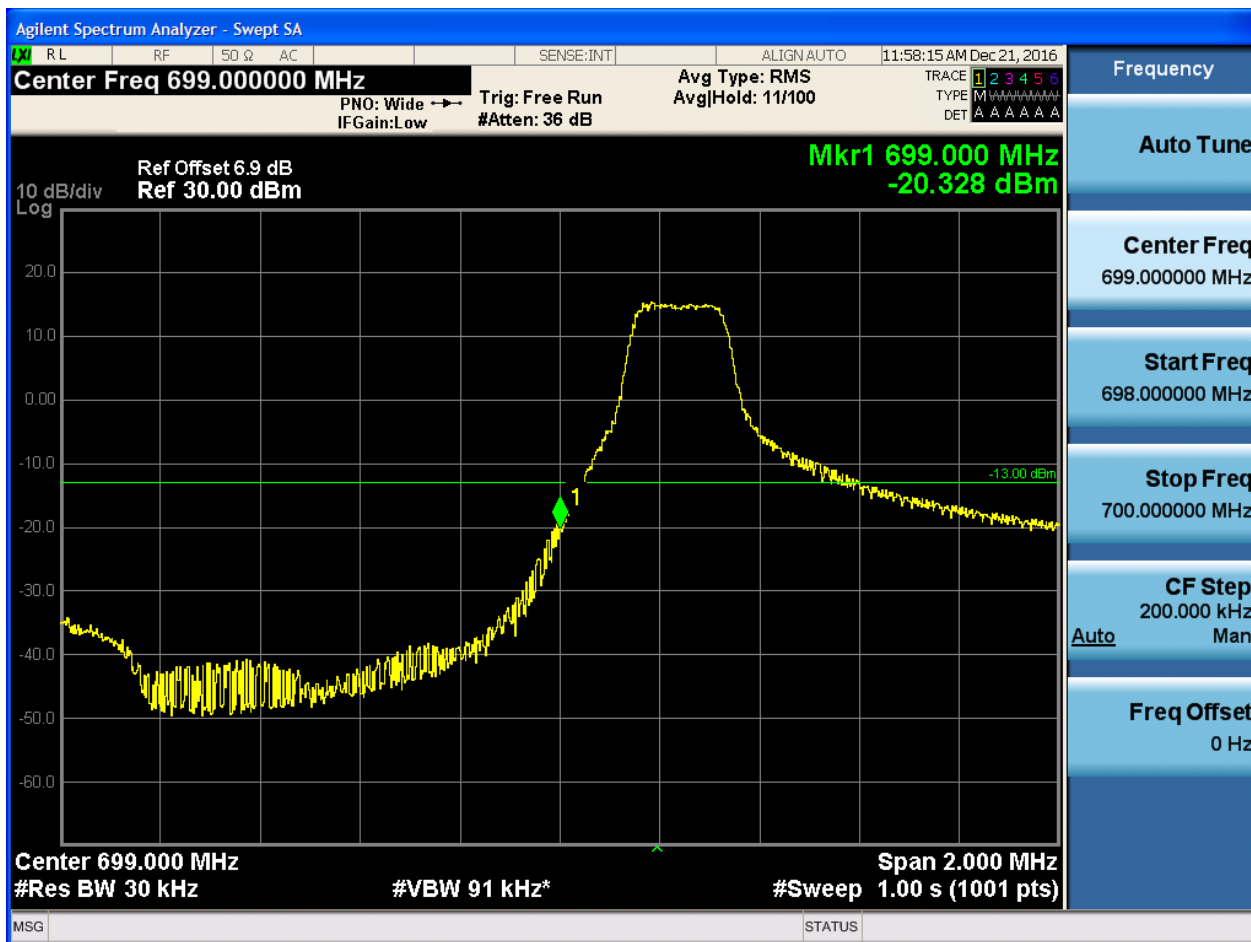




5.1.1.2.2 Test Bandwidth = 3

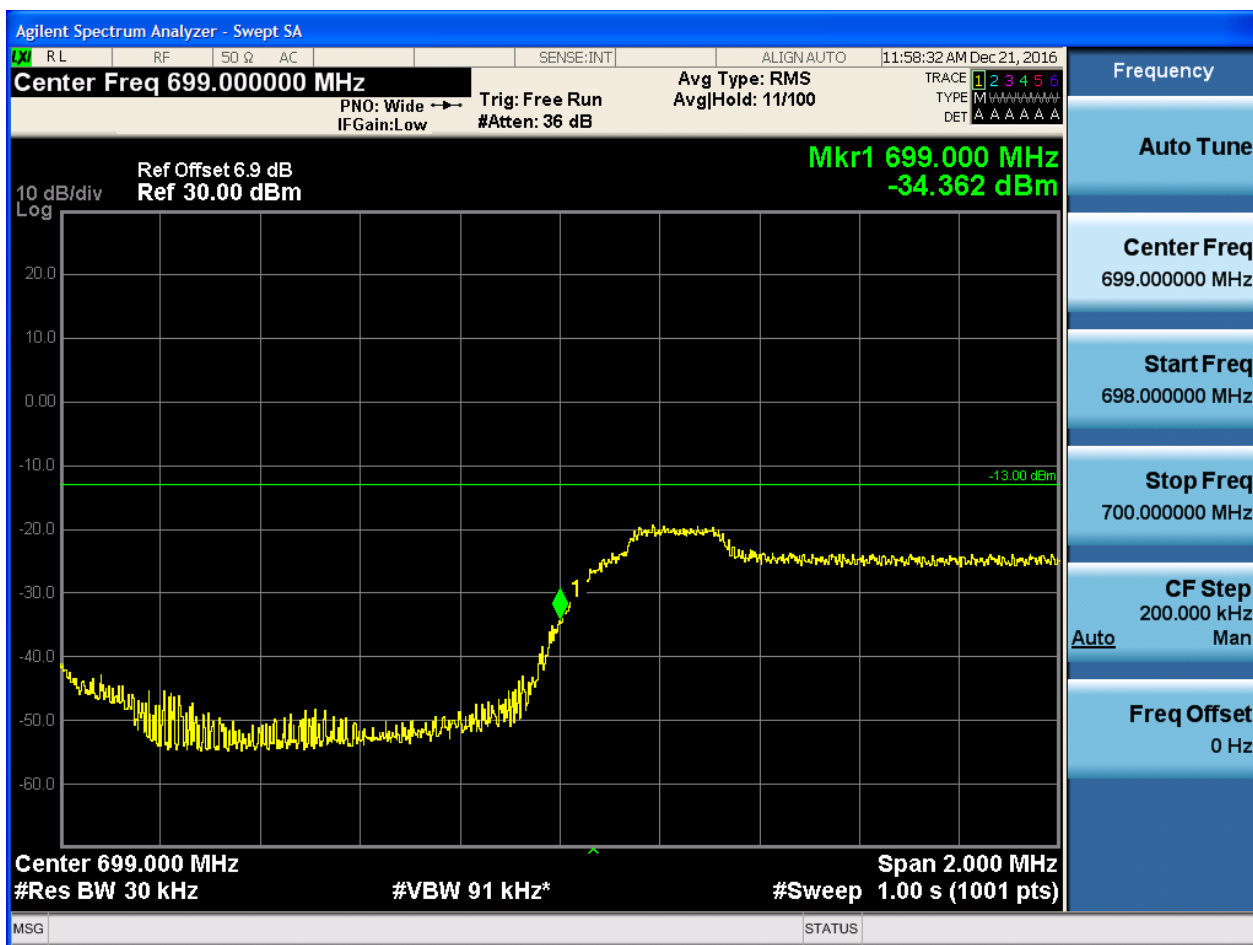
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



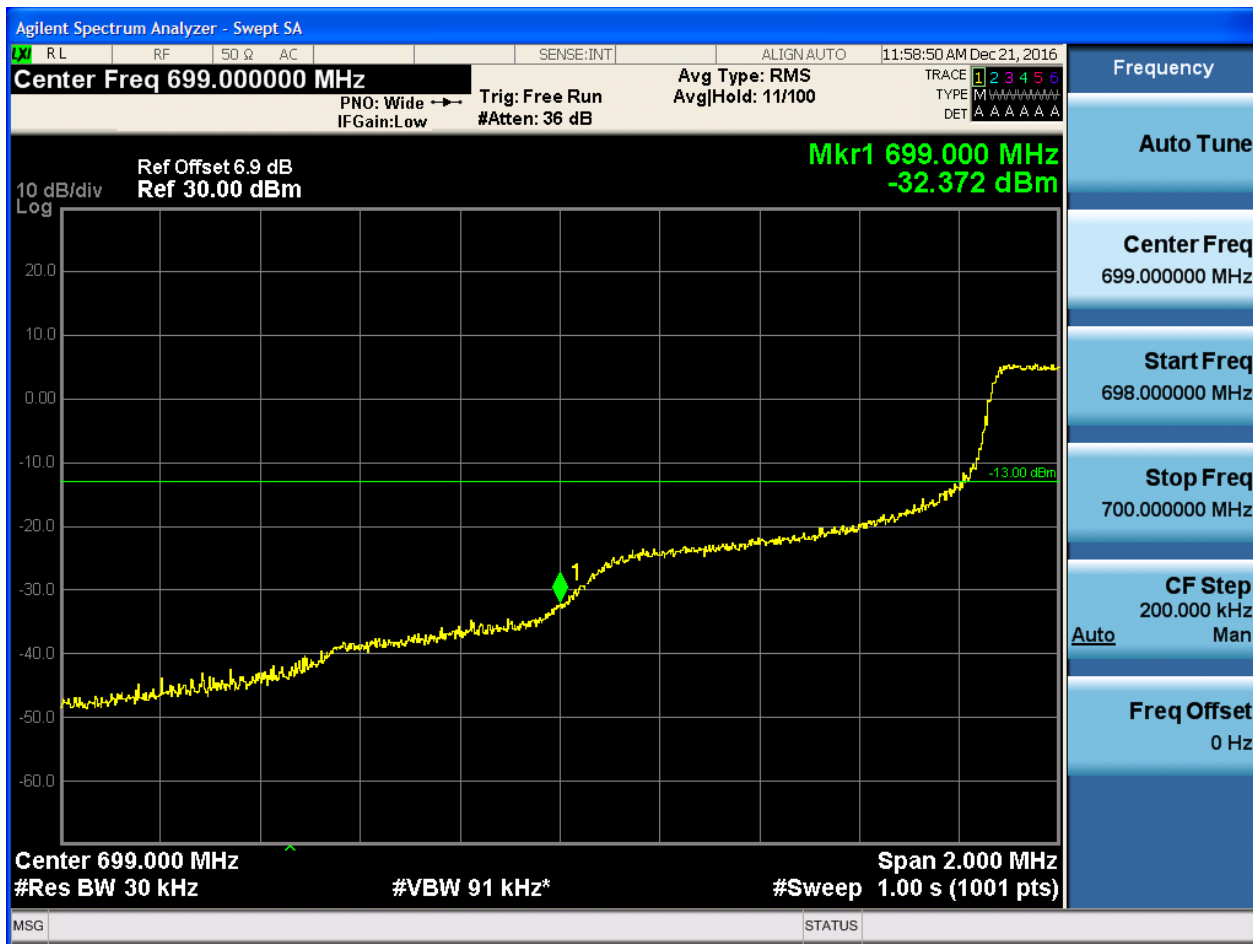


5.1.1.2.2.1.2 Test RB = RB1#14



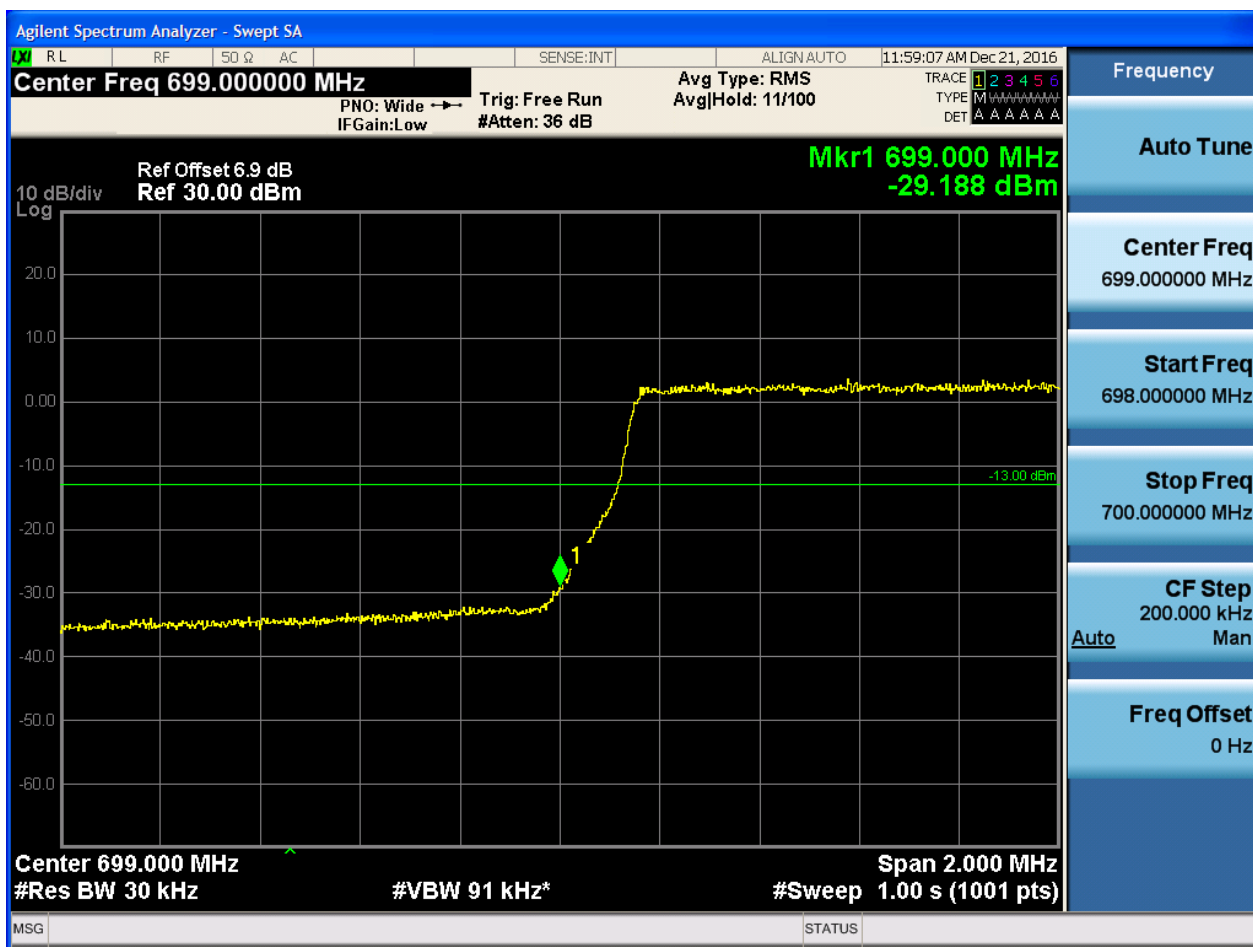


5.1.1.2.2.1.3 Test RB = RB8#4





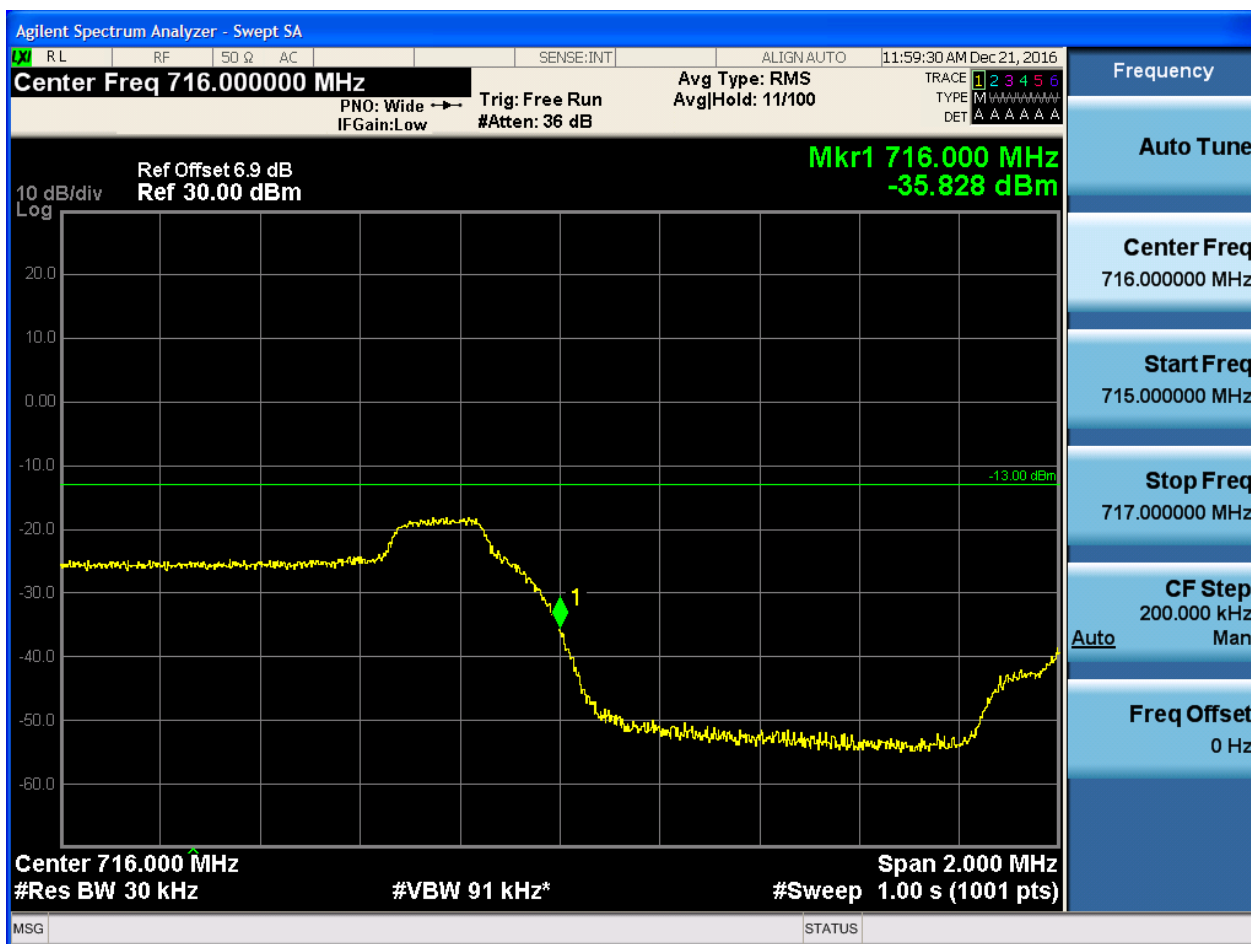
5.1.1.2.2.1.4 Test RB = RB15#0





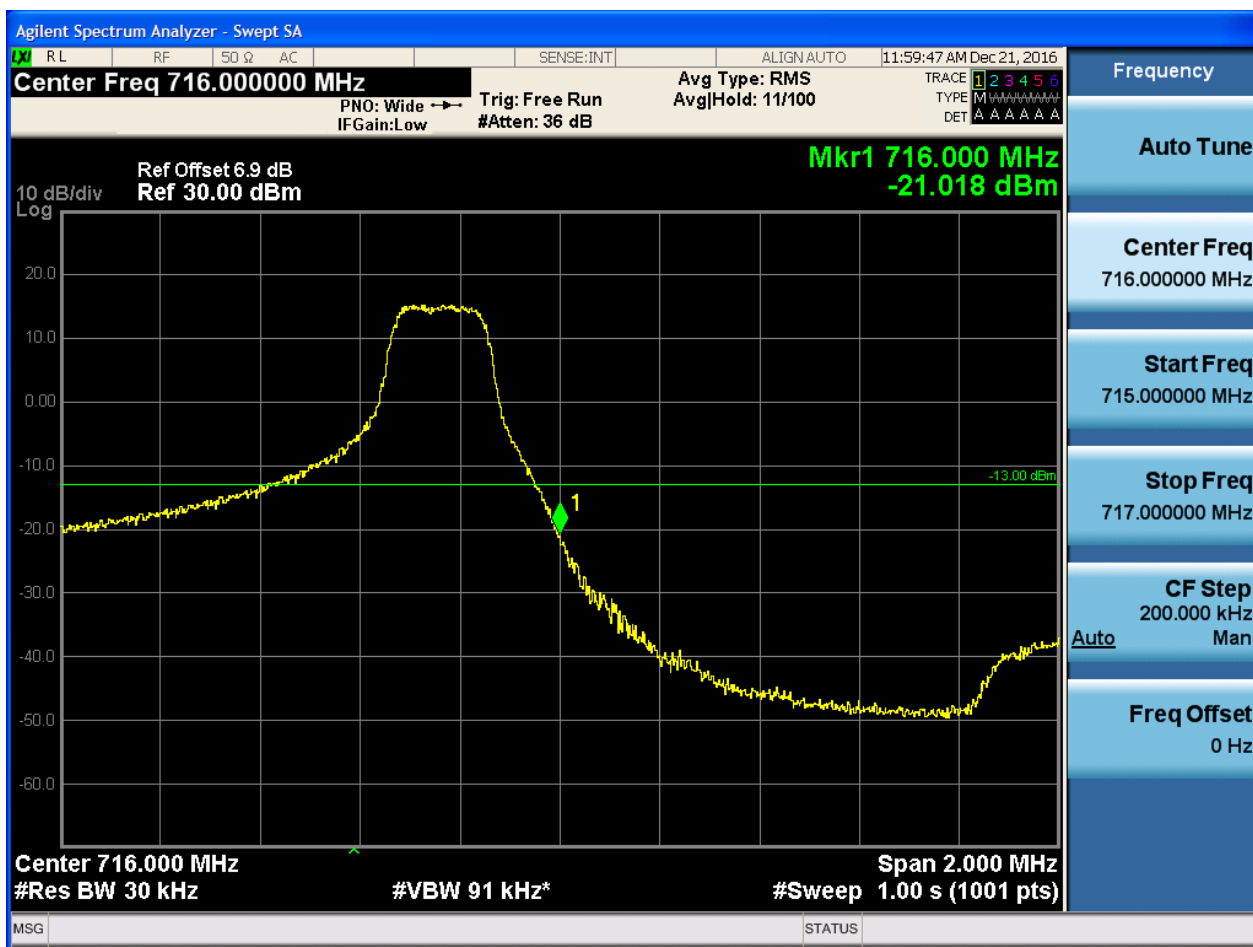
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14



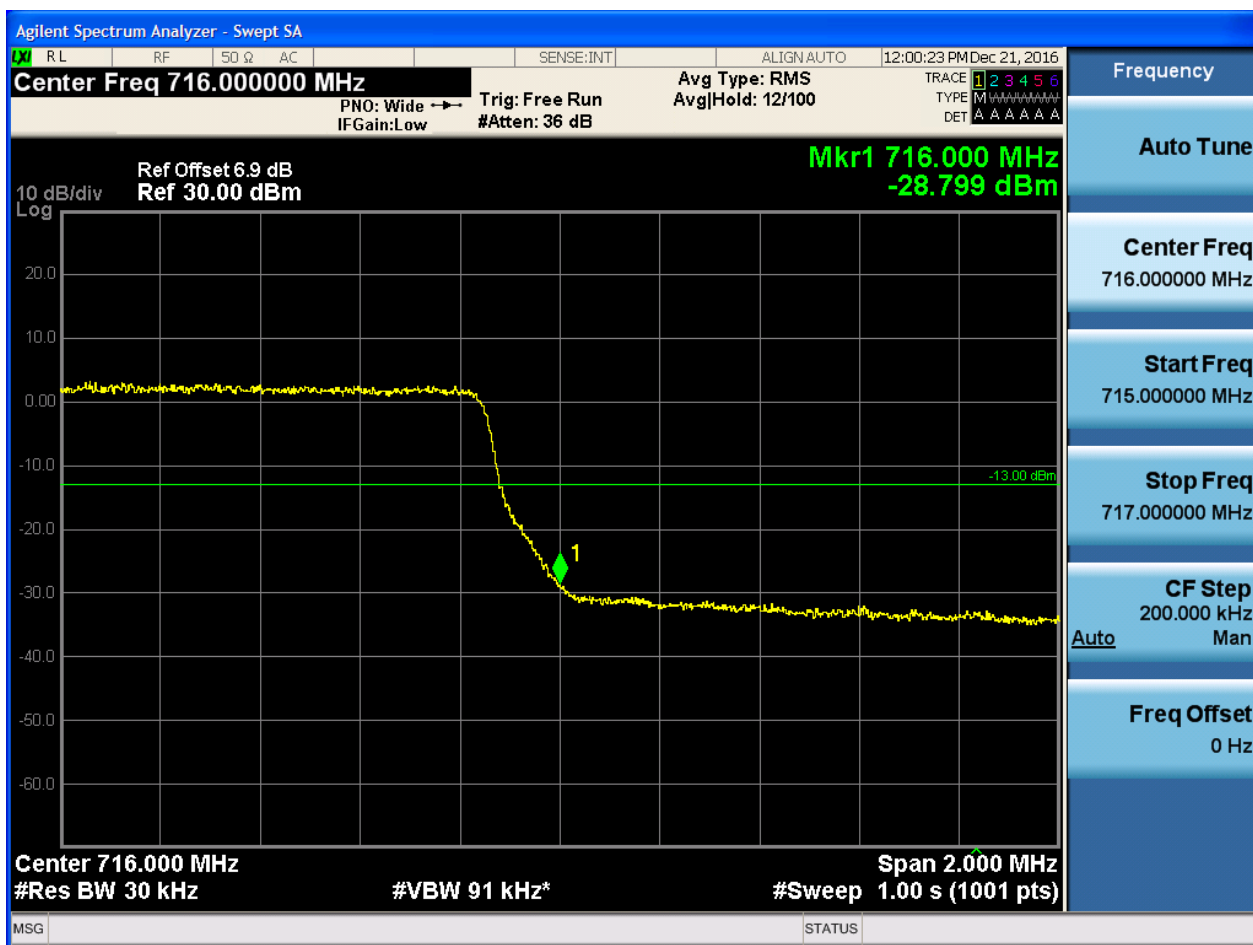


5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

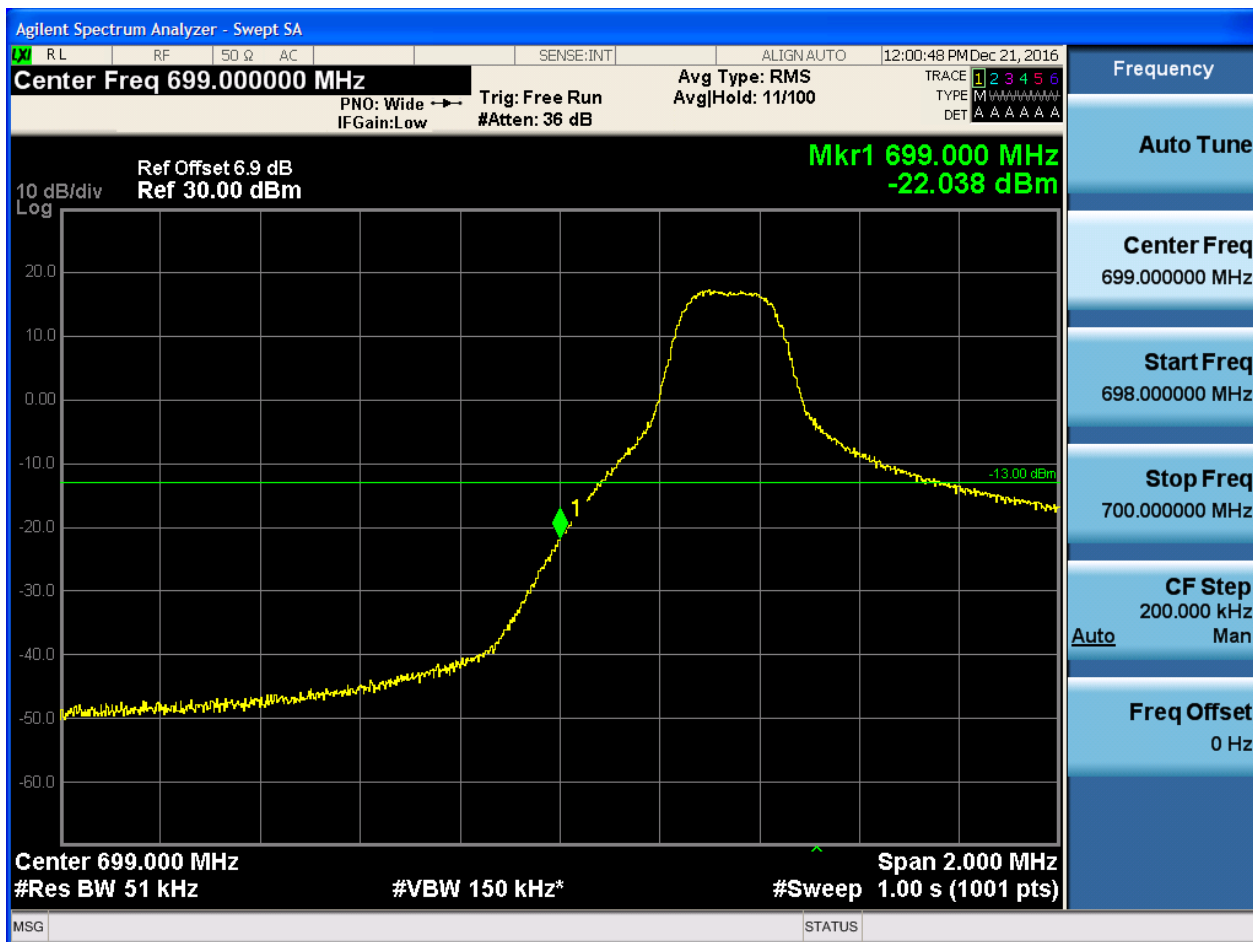




5.1.1.2.3 Test Bandwidth = 5

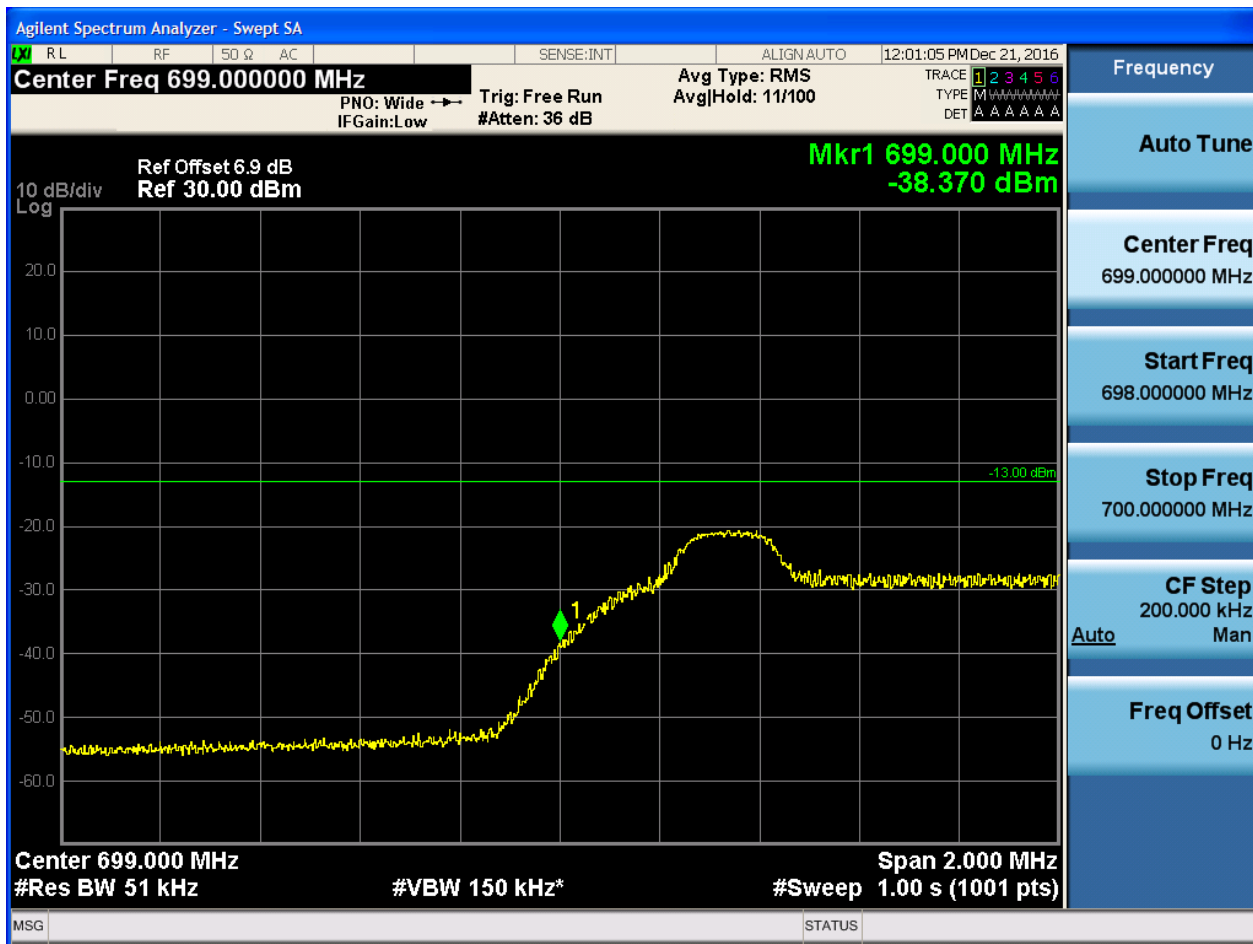
5.1.1.2.3.1 Test Channel = LCH

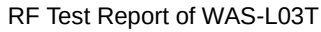
5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 699.000000 MHz

Ref Offset 6.9 dB
Ref 30.00 dBm

10 dB/div
Log

Center 699.000 MHz
#Res BW 51 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Msg: MSG STATUS

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

Trace 1 2 3 4 5 6
Type M W W W W W W W
Det A A A A A A

Avg Type: RMS
Avg/Hold: 11/100

PNO: Wide → Trig: Free Run
IF Gain: Low #Atten: 36 dB

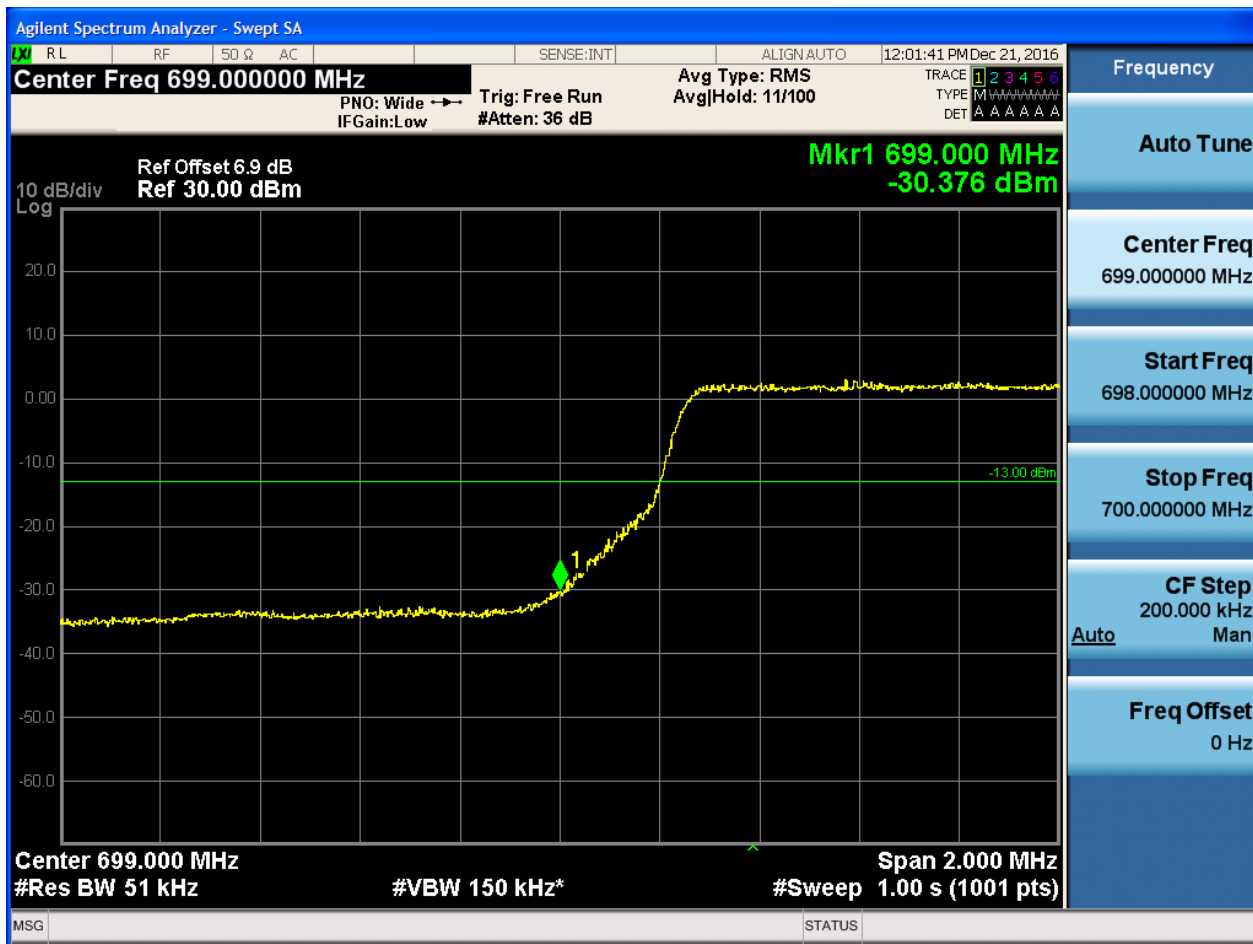
Mkr1 699.000 MHz
-33.234 dBm

-13.00 dBm

1



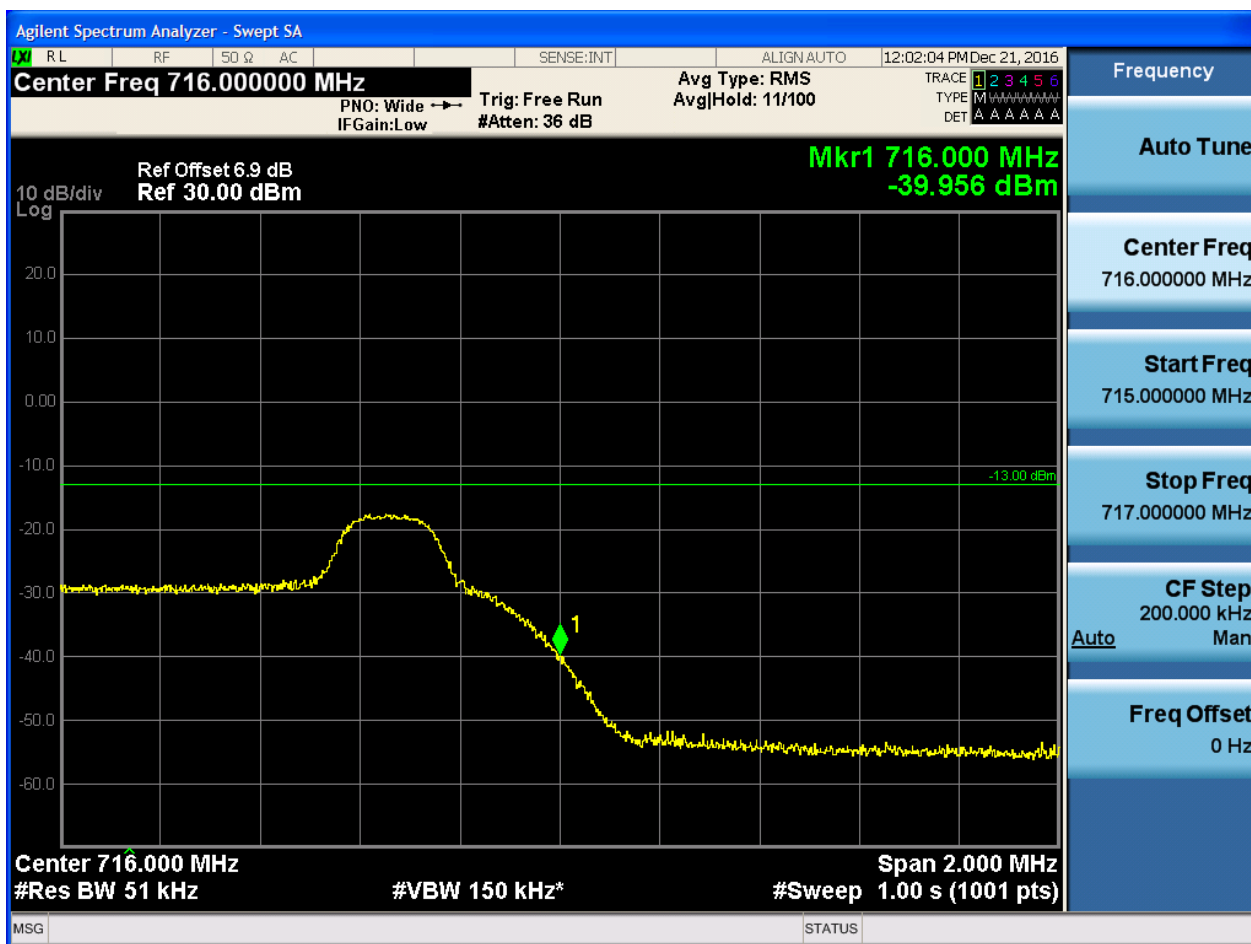
5.1.1.2.3.1.4 Test RB = RB25#0





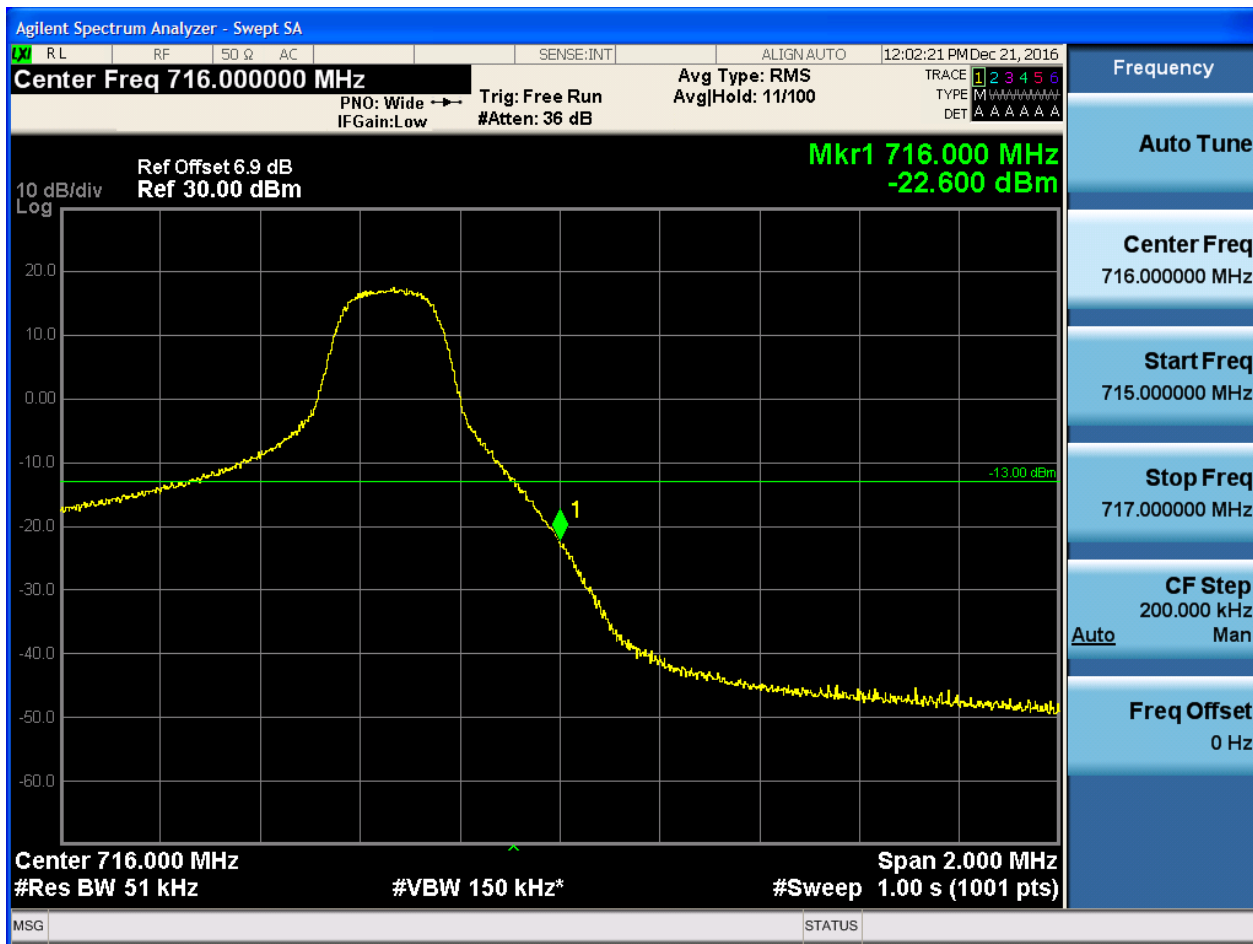
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#24





5.1.1.2.3.2.3 Test RB = RB12#6





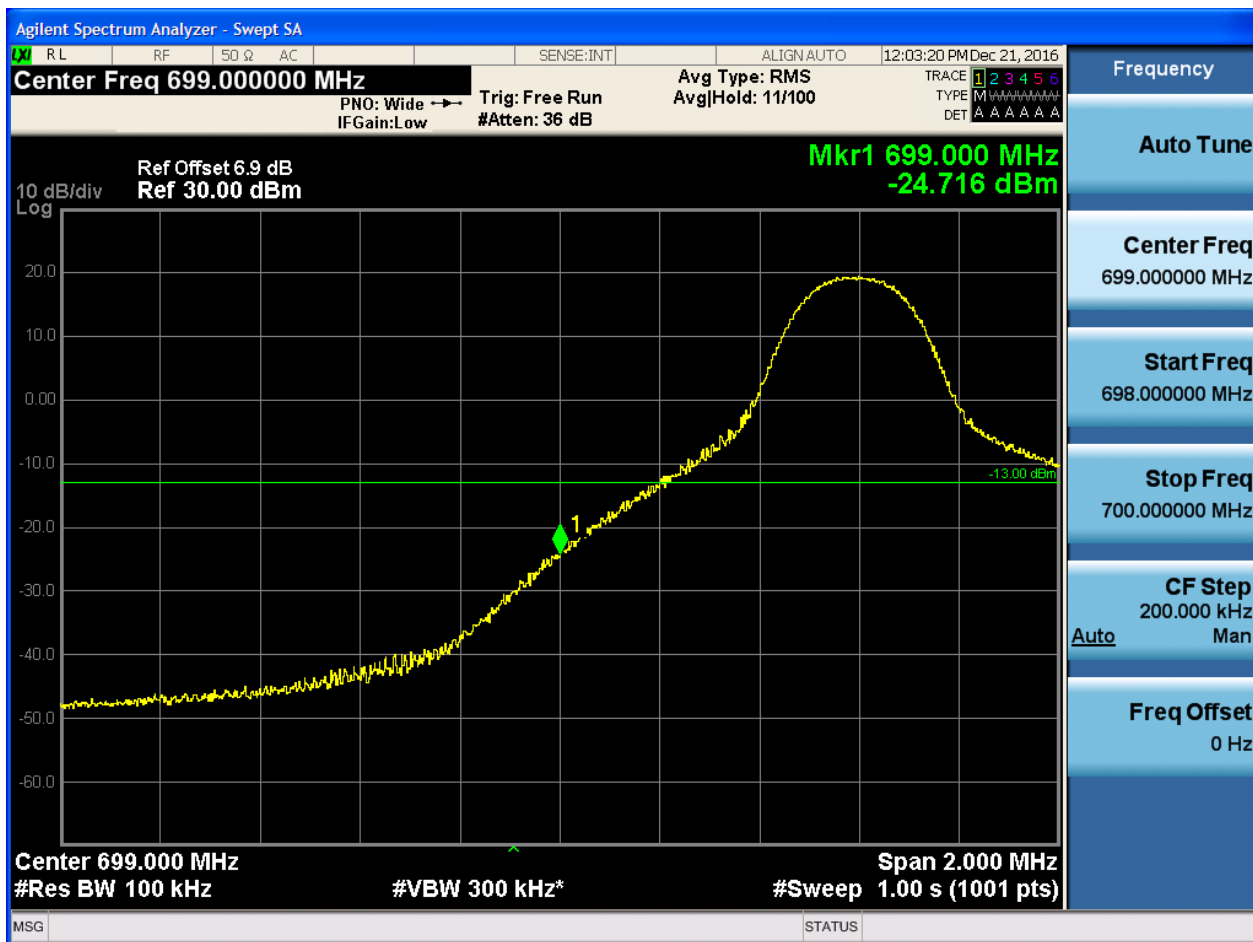
5.1.1.2.3.2.4 Test RB = RB25#0



5.1.1.2.4 Test Bandwidth = 10

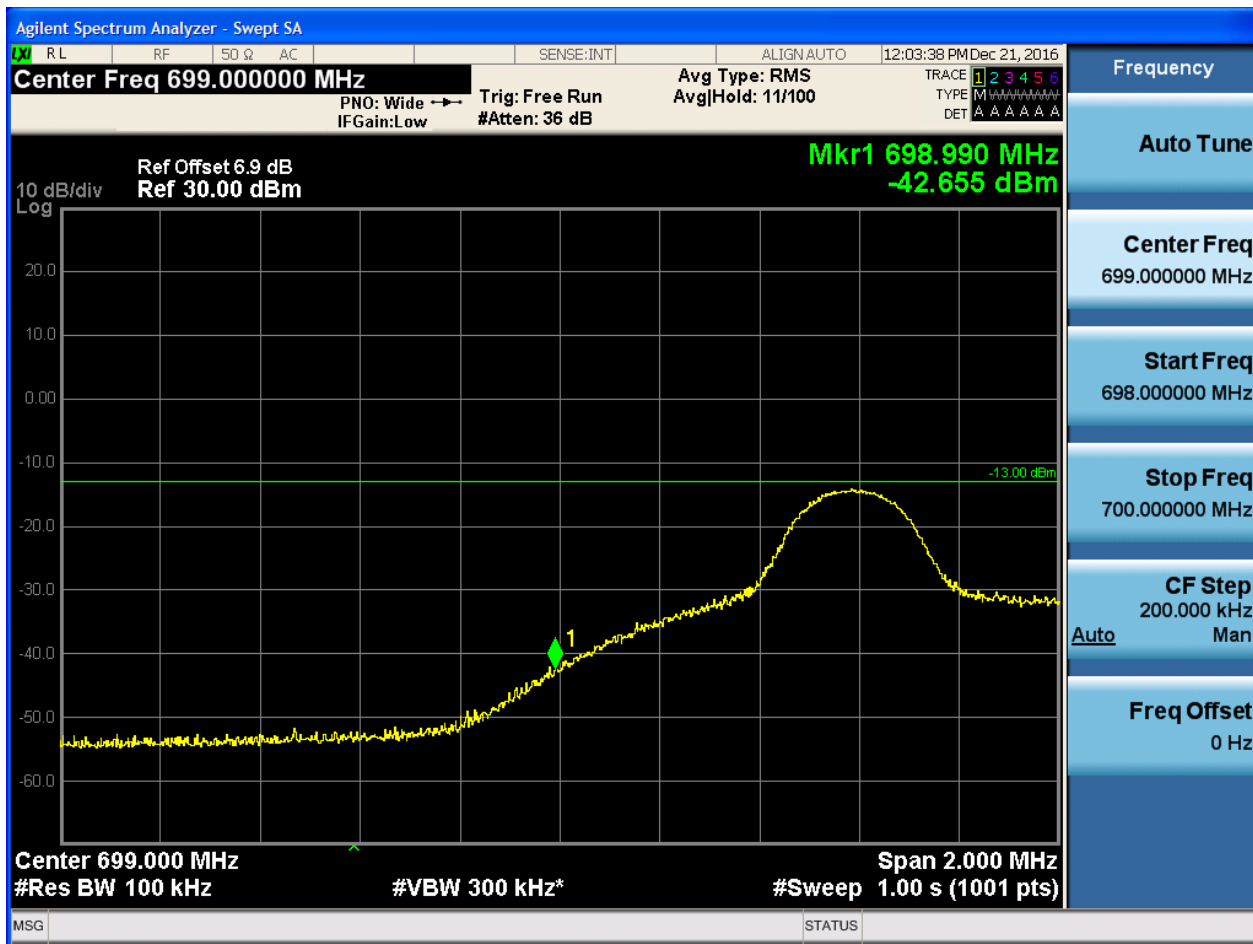
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.2 Test RB = RB1#49



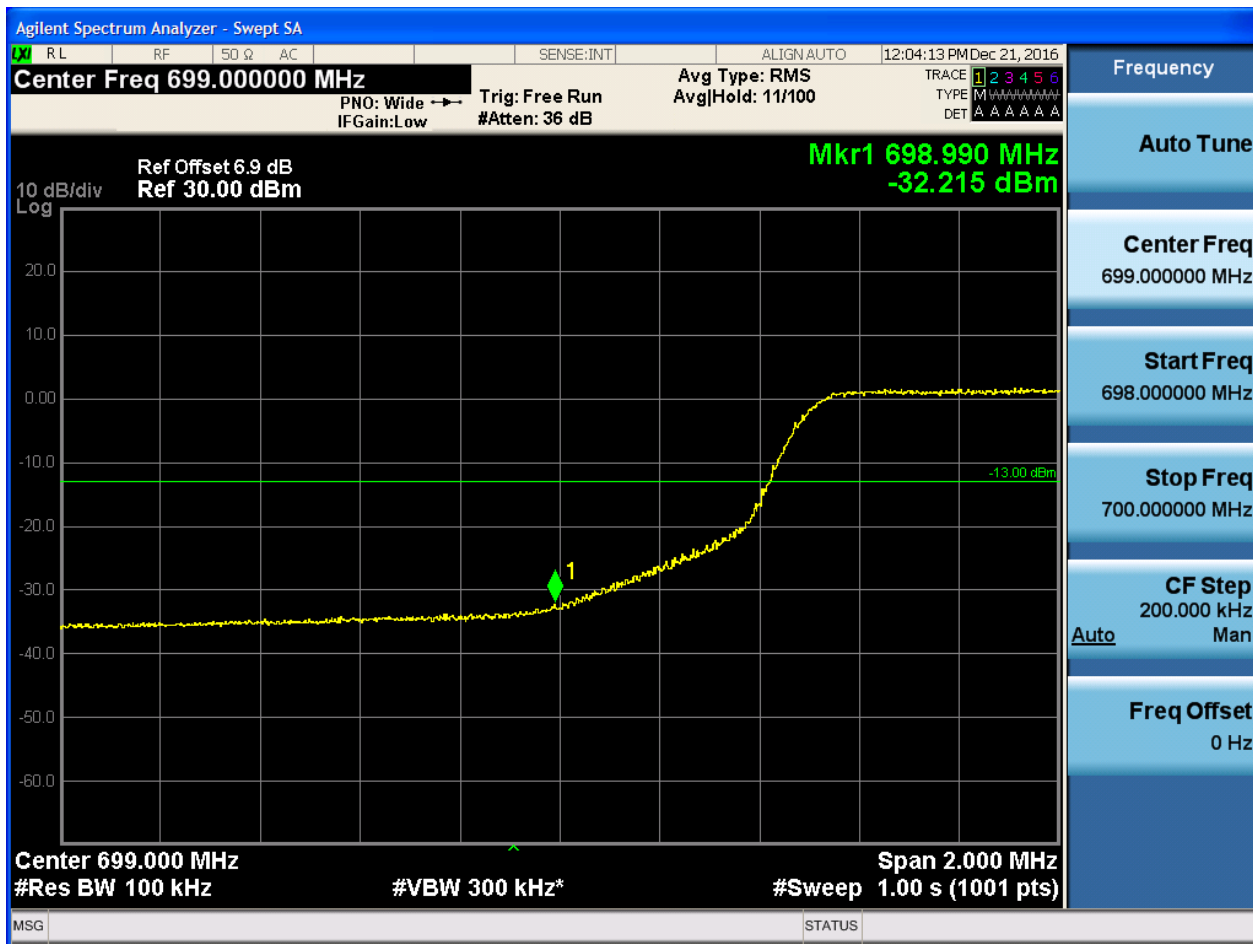


5.1.1.2.4.1.3 Test RB = RB25#13



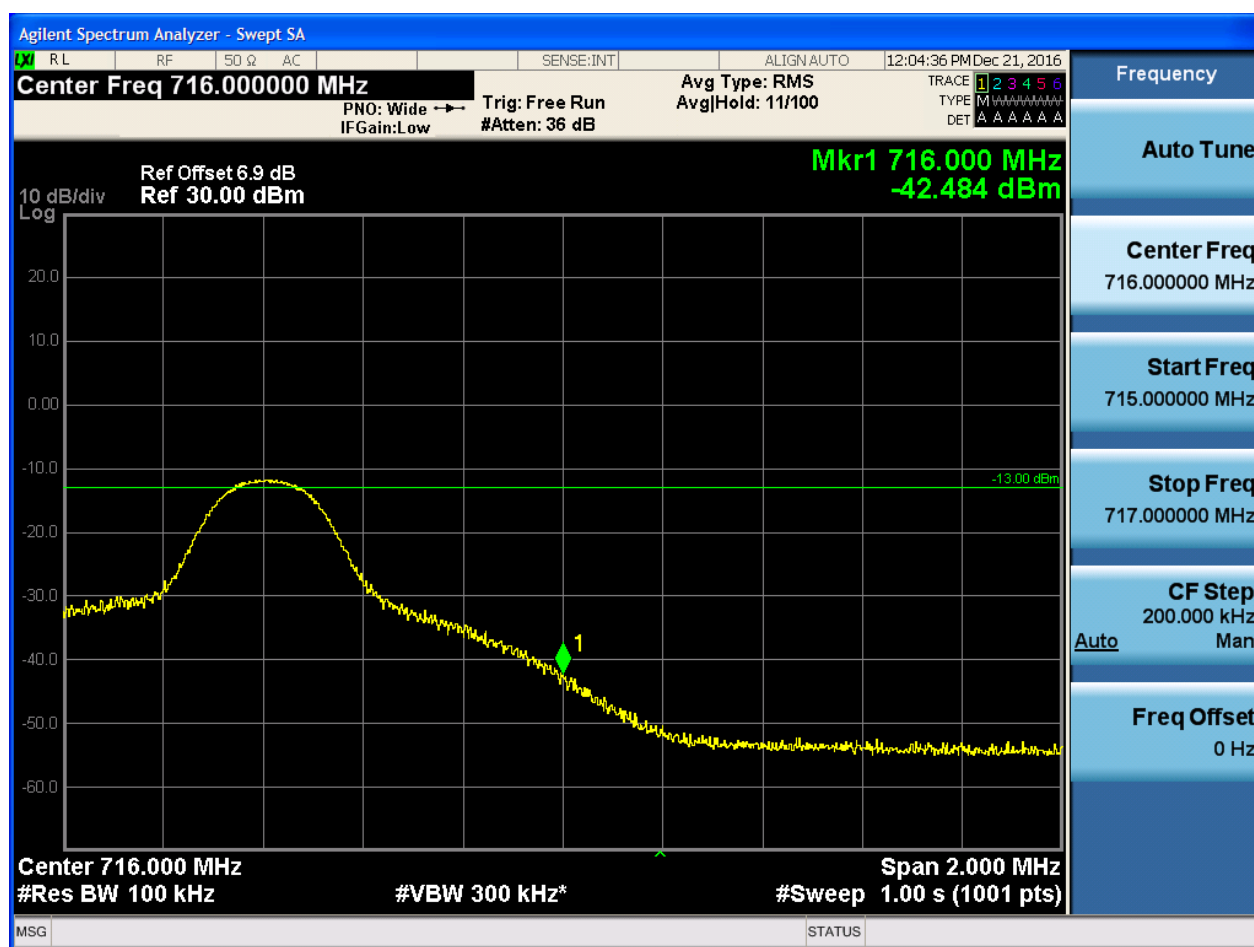


5.1.1.2.4.1.4 Test RB = RB50#0



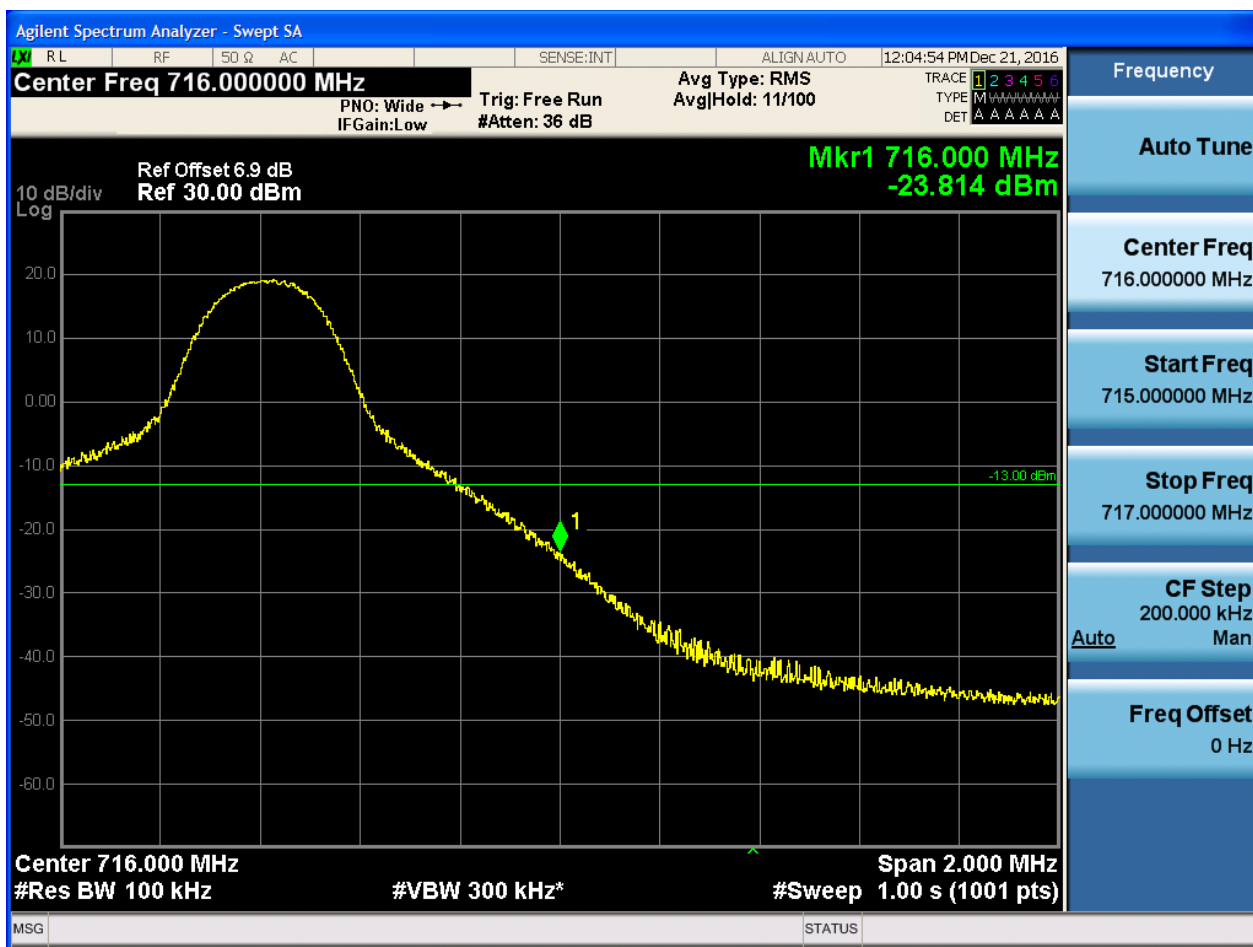
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





5.1.1.2.4.2.2 Test RB = RB1#49





5.1.1.2.4.2.3 Test RB = RB25#13





5.1.1.2.4.2.4 Test RB = RB50#0



6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

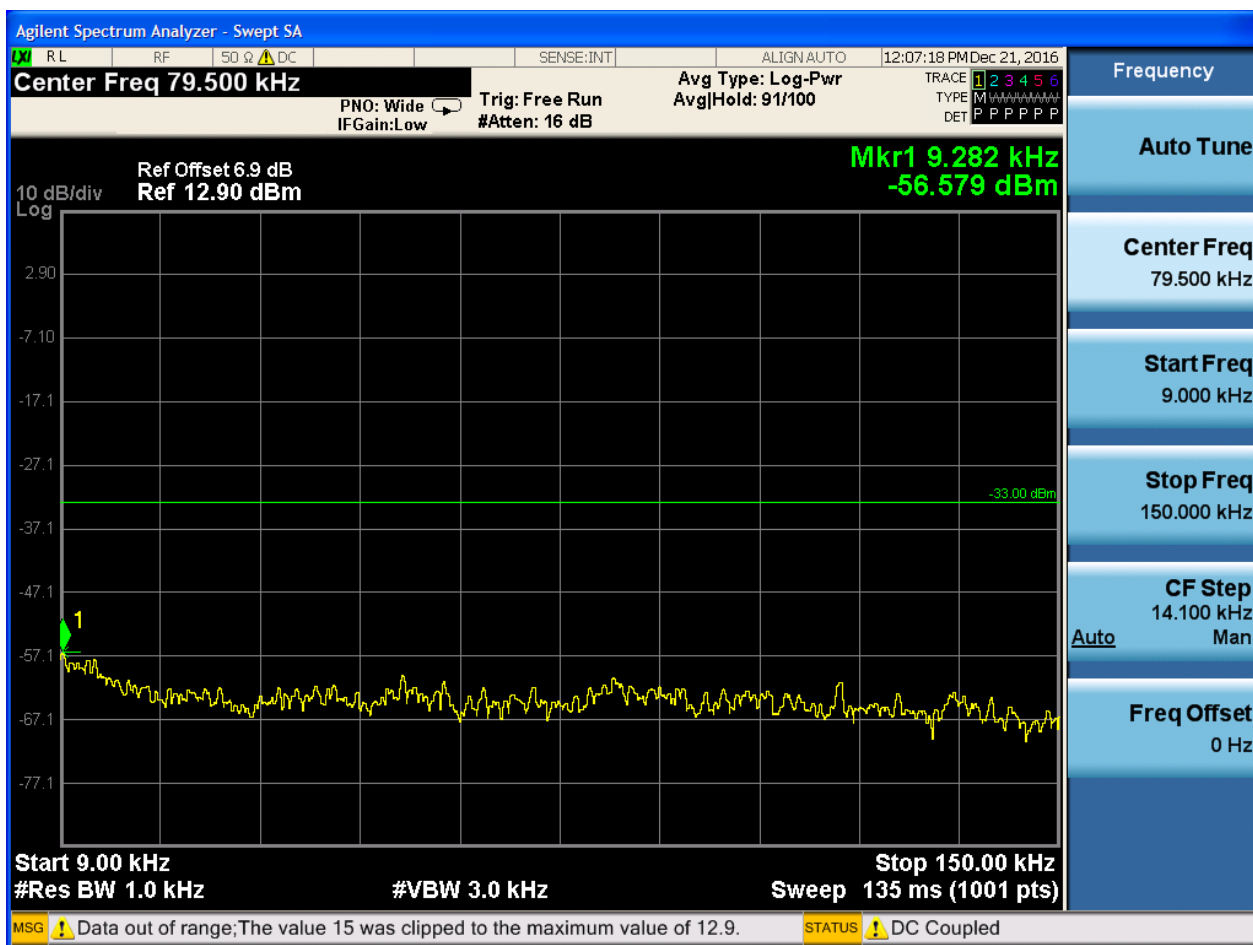
6.1.1 Test Band = BAND12

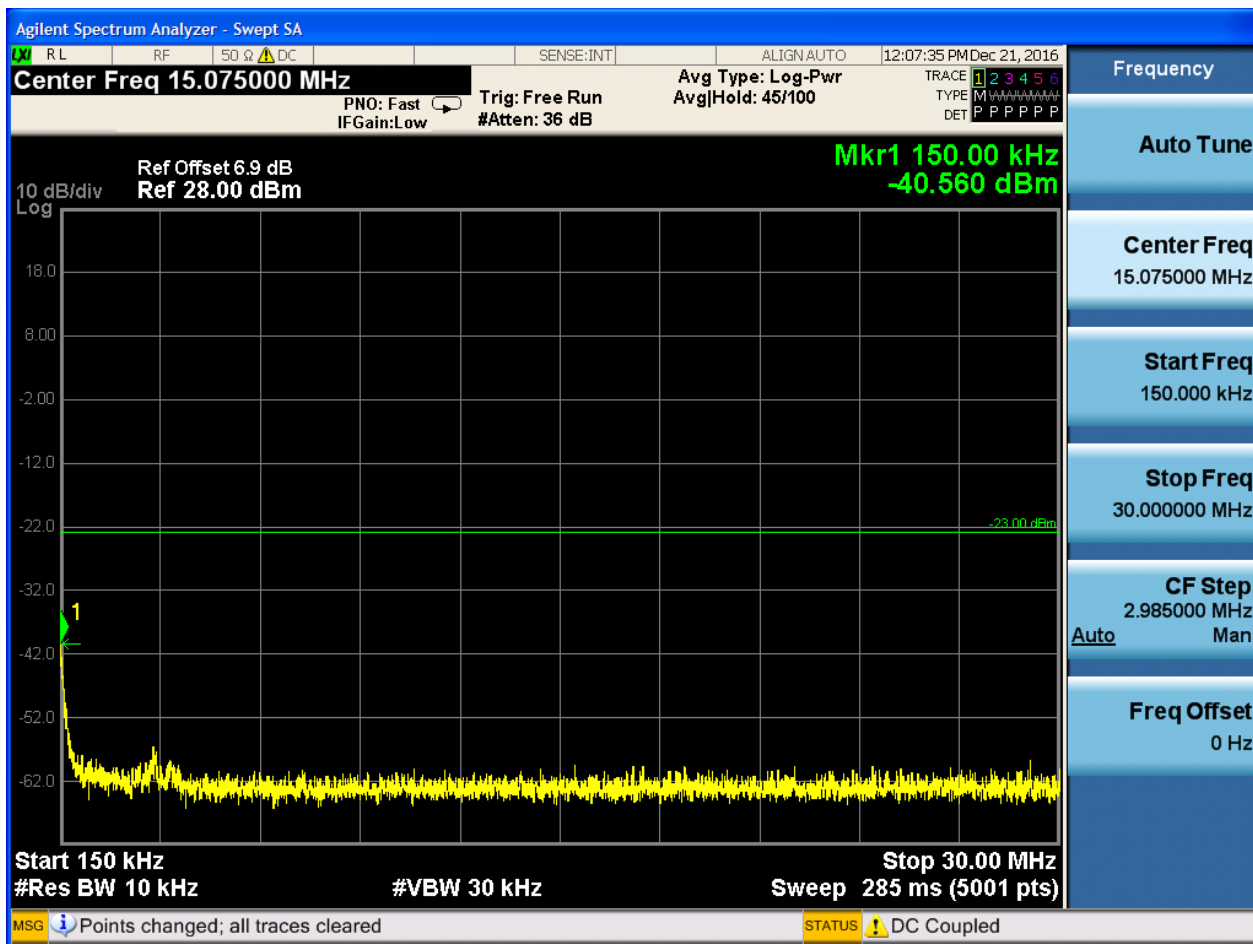
6.1.1.1 Test Mode = LTE/TM1

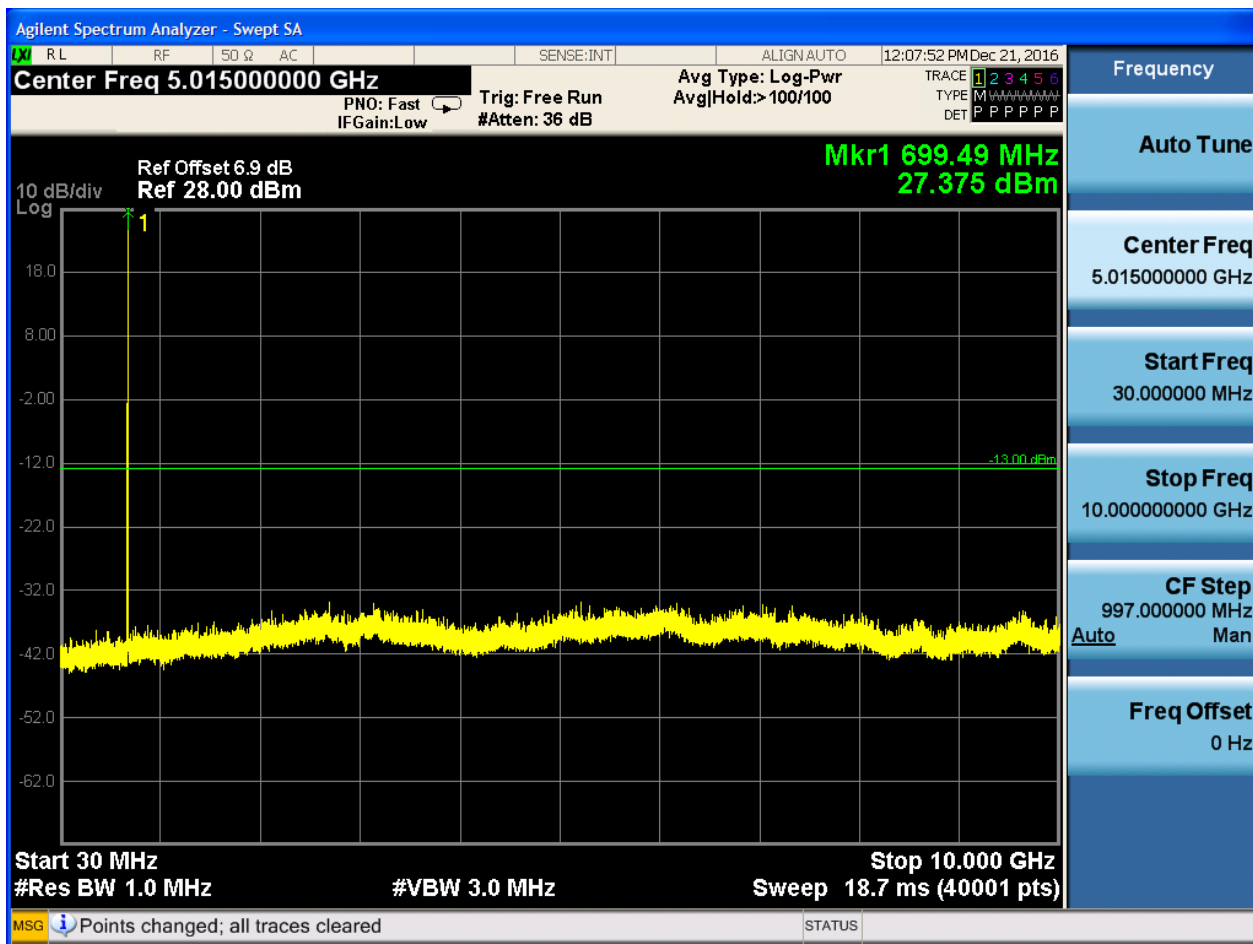
6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0



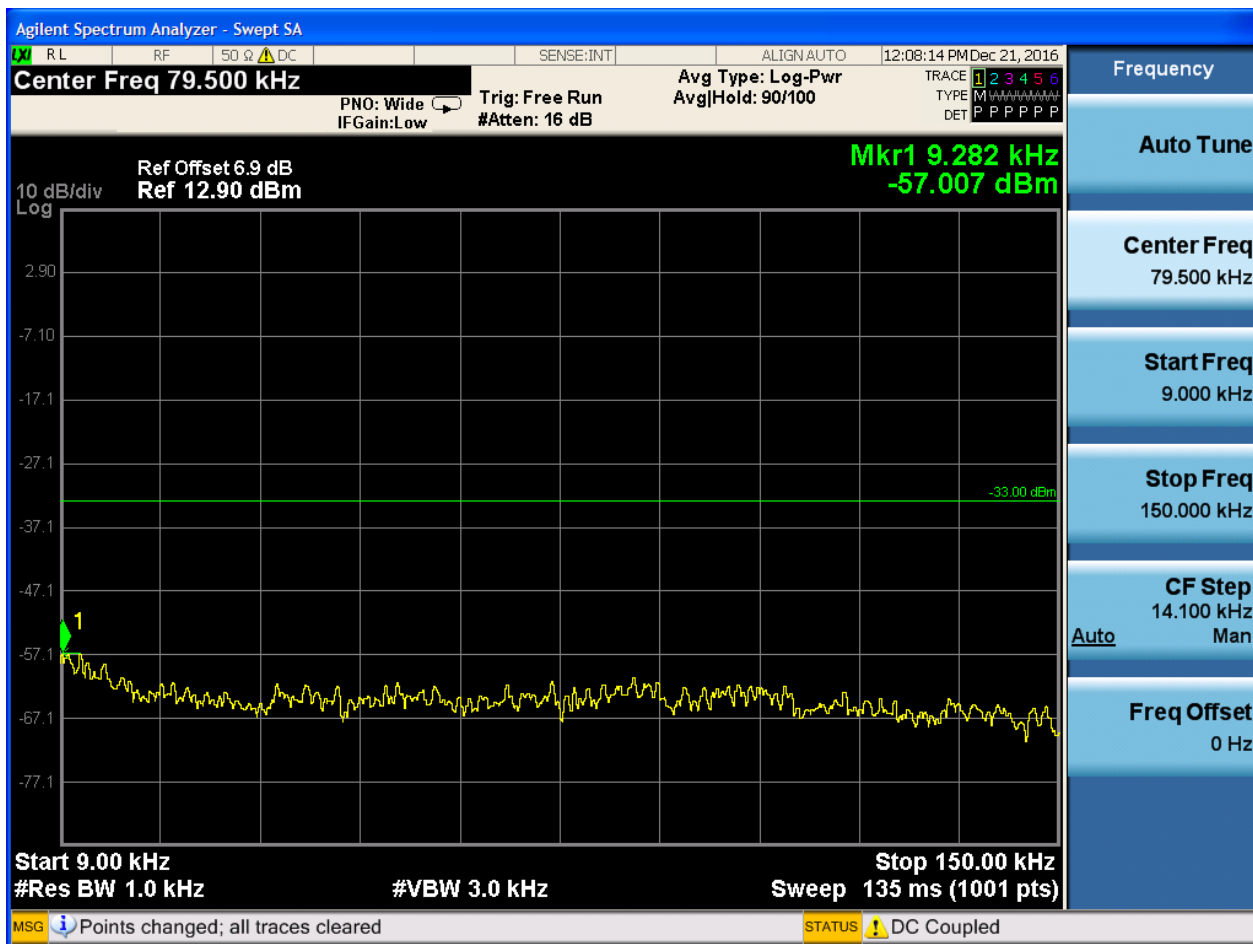


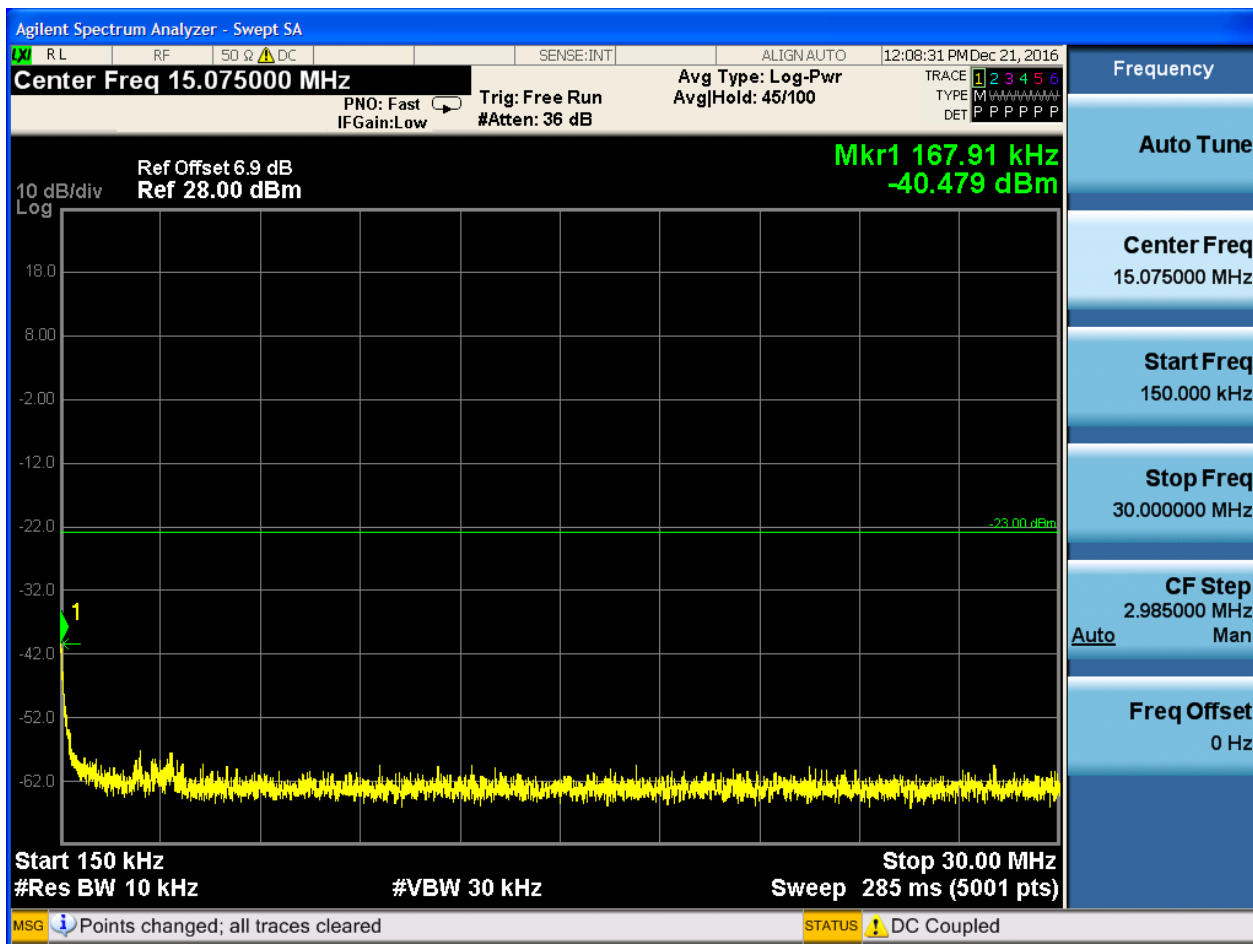


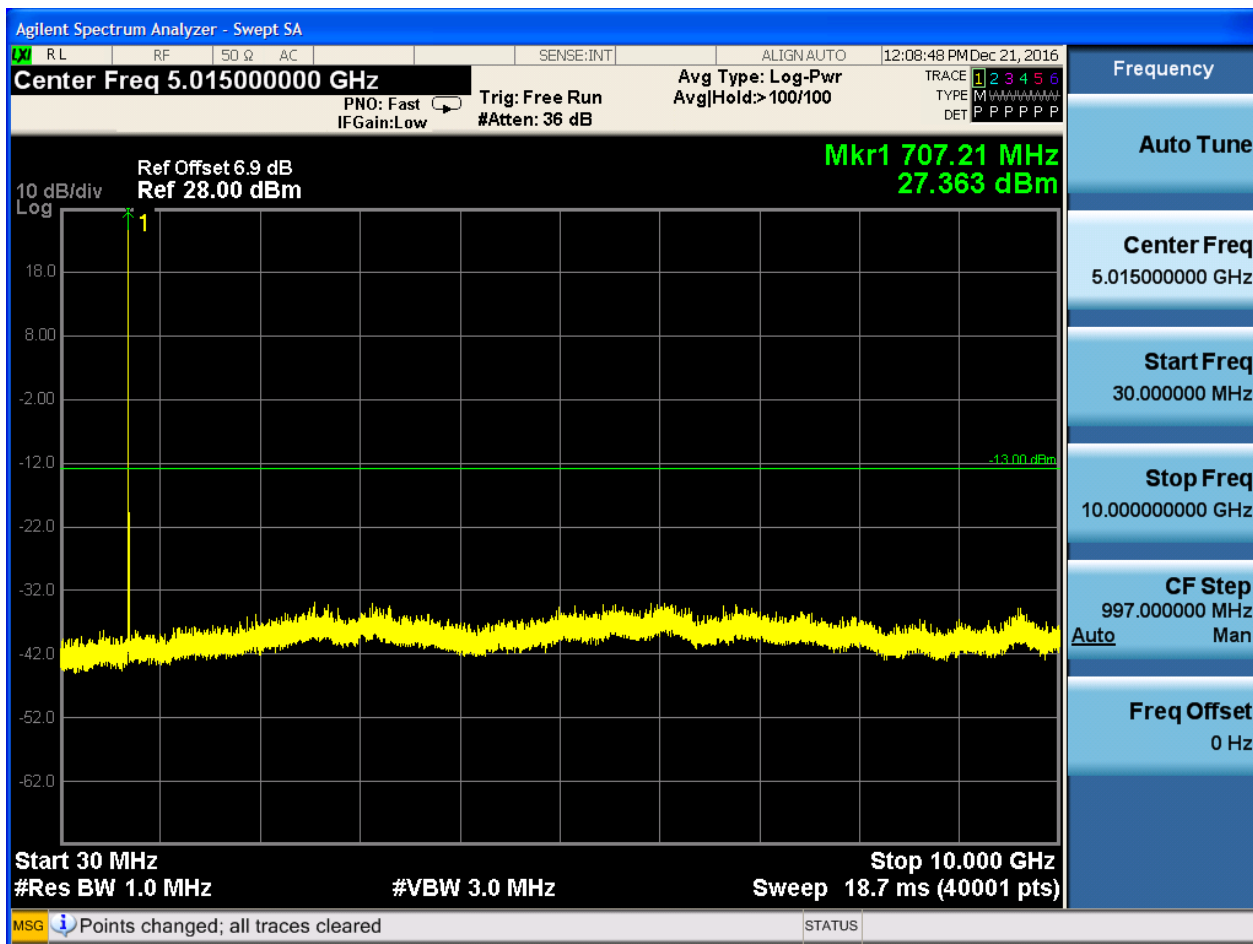


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0









6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0

