Appendix for LTE B12

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	22.77	18.42	34.7	PASS
				RB1#3	22.98	18.63	34.7	PASS
				RB1#5	22.91	18.56	34.7	PASS
				RB3#0	22.84	18.49	34.7	PASS
				RB3#2	22.97	18.62	34.7	PASS
				RB3#3	22.96	18.61	34.7	PASS
				RB6#0	22.11	17.76	34.7	PASS
			MCH	RB1#0	23.23	18.88	34.7	PASS
				RB1#3	23.28	18.93	34.7	PASS
				RB1#5	23.17	18.82	34.7	PASS
				RB3#0	23.17	18.82	34.7	PASS
				RB3#2	23.2	18.85	34.7	PASS
				RB3#3	23.14	18.79	34.7	PASS
				RB6#0	22.27	17.92	34.7	PASS
			HCH	RB1#0	23.46	19.11	34.7	PASS
				RB1#3	23.55	19.2	34.7	PASS
				RB1#5	23.61	19.26	34.7	PASS
				RB3#0	23.46	19.11	34.7	PASS
				RB3#2	23.52	19.17	34.7	PASS
				RB3#3	23.51	19.16	34.7	PASS
				RB6#0	22.51	18.16	34.7	PASS
		3	LCH	RB1#0	22.61	18.26	34.7	PASS
				RB1#7	23.18	18.83	34.7	PASS
				RB1#14	23.05	18.7	34.7	PASS
				RB8#0	22.14	17.79	34.7	PASS
				RB8#4	22.25	17.9	34.7	PASS
				RB8#7	22.11	17.76	34.7	PASS
				RB15#0	22.08	17.73	34.7	PASS
			MCH	RB1#0	23.15	18.8	34.7	PASS
				RB1#7	23.41	19.06	34.7	PASS
				RB1#14	22.98	18.63	34.7	PASS
				RB8#0	22.32	17.97	34.7	PASS
				RB8#4	22.36	18.01	34.7	PASS
				RB8#7	22.22	17.87	34.7	PASS
				RB15#0	22.29	17.94	34.7	PASS
			HCH	RB1#0	23.23	18.88	34.7	PASS
				RB1#7	23.38	19.03	34.7	PASS
				RB1#14	23.28	18.93	34.7	PASS

				RB8#0	22.3	17.95	34.7	PASS
				RB8#4	22.31	17.96	34.7	PASS
				RB8#7	22.28	17.93	34.7	PASS
				RB15#0	22.3	17.95	34.7	PASS
		5	LCH	RB1#0	22.57	18.22	34.7	PASS
				RB1#13	23.33	18.98	34.7	PASS
				RB1#24	22.91	18.56	34.7	PASS
				RB12#0	22.04	17.69	34.7	PASS
				RB12#6	22.2	17.85	34.7	PASS
				RB12#13	22.07	17.72	34.7	PASS
				RB25#0	22.01	17.66	34.7	PASS
			MCH	RB1#0	22.97	18.62	34.7	PASS
				RB1#13	23.12	18.77	34.7	PASS
				RB1#24	22.55	18.2	34.7	PASS
				RB12#0	22.1	17.75	34.7	PASS
				RB12#6	22.16	17.81	34.7	PASS
				RB12#13	21.99	17.64	34.7	PASS
				RB25#0	22.11	17.76	34.7	PASS
			HCH	RB1#0	22.95	18.6	34.7	PASS
				RB1#13	23.29	18.94	34.7	PASS
				RB1#24	22.95	18.6	34.7	PASS
				RB12#0	22.11	17.76	34.7	PASS
				RB12#6	22.24	17.89	34.7	PASS
				RB12#13	22.08	17.73	34.7	PASS
				RB25#0	22.11	17.76	34.7	PASS
		10	LCH	RB1#0	22.28	17.93	34.7	PASS
				RB1#25	23.29	18.94	34.7	PASS
				RB1#49	22.37	18.02	34.7	PASS
				RB25#0	21.98	17.63	34.7	PASS
				RB25#13	22.22	17.87	34.7	PASS
				RB25#25	21.9	17.55	34.7	PASS
				RB50#0	21.95	17.6	34.7	PASS
			MCH	RB1#0	22.87	18.52	34.7	PASS
				RB1#25	23.28	18.93	34.7	PASS
				RB1#49	22.36	18.01	34.7	PASS
				RB25#0	22.05	17.7	34.7	PASS
				RB25#13	22.13	17.78	34.7	PASS
				RB25#25	21.85	17.5	34.7	PASS
				RB50#0	21.92	17.57	34.7	PASS
			HCH	RB1#0	22.72	18.37	34.7	PASS
				RB1#25	23.14	18.79	34.7	PASS

				RB1#49	22.53	18.18	34.7	PASS
				RB25#0	21.98	17.63	34.7	PASS
				RB25#13	22.06	17.71	34.7	PASS
				RB25#25	21.83	17.48	34.7	PASS
				RB50#0	21.89	17.54	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.11	17.76	34.7	PASS
				RB1#3	22.28	17.93	34.7	PASS
				RB1#5	22.24	17.89	34.7	PASS
				RB3#0	22.08	17.73	34.7	PASS
				RB3#2	22.16	17.81	34.7	PASS
				RB3#3	22.15	17.8	34.7	PASS
				RB6#0	21.09	16.74	34.7	PASS
			MCH	RB1#0	22.2	17.85	34.7	PASS
				RB1#3	22.29	17.94	34.7	PASS
				RB1#5	22.18	17.83	34.7	PASS
				RB3#0	22.28	17.93	34.7	PASS
				RB3#2	22.29	17.94	34.7	PASS
				RB3#3	22.24	17.89	34.7	PASS
				RB6#0	21.21	16.86	34.7	PASS
			HCH	RB1#0	22.48	18.13	34.7	PASS
				RB1#3	22.63	18.28	34.7	PASS
				RB1#5	22.56	18.21	34.7	PASS
				RB3#0	22.42	18.07	34.7	PASS
				RB3#2	22.47	18.12	34.7	PASS
				RB3#3	22.45	18.1	34.7	PASS
				RB6#0	21.53	17.18	34.7	PASS
		3	LCH	RB1#0	21.91	17.56	34.7	PASS
				RB1#7	22.42	18.07	34.7	PASS
				RB1#14	22.09	17.74	34.7	PASS
				RB8#0	21.03	16.68	34.7	PASS
				RB8#4	21.13	16.78	34.7	PASS
				RB8#7	21.05	16.7	34.7	PASS
				RB15#0	20.94	16.59	34.7	PASS
			MCH	RB1#0	21.88	17.53	34.7	PASS
				RB1#7	22.16	17.81	34.7	PASS
				RB1#14	21.72	17.37	34.7	PASS
				RB8#0	21.14	16.79	34.7	PASS
				RB8#4	21.17	16.82	34.7	PASS
				RB8#7	21.05	16.7	34.7	PASS
				RB15#0	21.07	16.72	34.7	PASS
			HCH	RB1#0	22.36	18.01	34.7	PASS

				RB1#7	22.47	18.12	34.7	PASS
				RB1#14	22.32	17.97	34.7	PASS
				RB8#0	21.15	16.8	34.7	PASS
				RB8#4	21.27	16.92	34.7	PASS
				RB8#7	21.23	16.88	34.7	PASS
				RB15#0	21.21	16.86	34.7	PASS
		5	LCH	RB1#0	21.95	17.6	34.7	PASS
				RB1#13	22.6	18.25	34.7	PASS
				RB1#24	22.09	17.74	34.7	PASS
				RB12#0	20.93	16.58	34.7	PASS
				RB12#6	21.14	16.79	34.7	PASS
				RB12#13	21.03	16.68	34.7	PASS
				RB25#0	20.98	16.63	34.7	PASS
			MCH	RB1#0	22.08	17.73	34.7	PASS
				RB1#13	22.24	17.89	34.7	PASS
				RB1#24	21.83	17.48	34.7	PASS
				RB12#0	21	16.65	34.7	PASS
				RB12#6	21.05	16.7	34.7	PASS
				RB12#13	20.91	16.56	34.7	PASS
				RB25#0	20.99	16.64	34.7	PASS
			HCH	RB1#0	22.29	17.94	34.7	PASS
				RB1#13	22.63	18.28	34.7	PASS
				RB1#24	22.25	17.9	34.7	PASS
				RB12#0	21	16.65	34.7	PASS
				RB12#6	21.11	16.76	34.7	PASS
				RB12#13	21.03	16.68	34.7	PASS
				RB25#0	20.91	16.56	34.7	PASS
		10	LCH	RB1#0	21.63	17.28	34.7	PASS
				RB1#25	22.34	17.99	34.7	PASS
				RB1#49	21.52	17.17	34.7	PASS
				RB25#0	20.88	16.53	34.7	PASS
				RB25#13	21.1	16.75	34.7	PASS
				RB25#25	20.79	16.44	34.7	PASS
				RB50#0	20.88	16.53	34.7	PASS
			MCH	RB1#0	21.73	17.38	34.7	PASS
				RB1#25	22.04	17.69	34.7	PASS
				RB1#49	21.29	16.94	34.7	PASS
				RB25#0	20.96	16.61	34.7	PASS
				RB25#13	20.97	16.62	34.7	PASS
				RB25#25	20.65	16.3	34.7	PASS
				RB50#0	20.81	16.46	34.7	PASS

			HCH	RB1#0	21.85	17.5	34.7	PASS
				RB1#25	22.5	18.15	34.7	PASS
				RB1#49	21.83	17.48	34.7	PASS
				RB25#0	20.88	16.53	34.7	PASS
				RB25#13	20.95	16.6	34.7	PASS
				RB25#25	20.73	16.38	34.7	PASS
				RB50#0	20.75	16.4	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,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b, SGP=Signal Generator Level

Note2: SET Span=1.5*OBW

SET RBW=1%of the OBW,not to exceed 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	5.57	13	PASS
				RB1#3	5.07	13	PASS
				RB1#5	5.15	13	PASS
				RB3#0	5.75	13	PASS
				RB3#2	5.69	13	PASS
				RB3#3	5.7	13	PASS
				RB6#0	5.57	13	PASS
			MCH	RB1#0	3.73	13	PASS
				RB1#3	3.61	13	PASS
				RB1#5	3.75	13	PASS
				RB3#0	4.06	13	PASS
				RB3#2	3.89	13	PASS
				RB3#3	4.05	13	PASS
				RB6#0	4.95	13	PASS
			HCH	RB1#0	4.38	13	PASS
				RB1#3	4.18	13	PASS
				RB1#5	4.04	13	PASS
				RB3#0	4.62	13	PASS
				RB3#2	4.4	13	PASS
				RB3#3	4.45	13	PASS
				RB6#0	4.6	13	PASS
		3	LCH	RB1#0	5.21	13	PASS
				RB1#7	4.67	13	PASS
				RB1#14	4.7	13	PASS
				RB8#0	5.32	13	PASS
				RB8#4	5.24	13	PASS
				RB8#7	5.29	13	PASS
				RB15#0	5.47	13	PASS
			MCH	RB1#0	3.81	13	PASS
				RB1#7	3.52	13	PASS
				RB1#14	3.84	13	PASS
				RB8#0	4.59	13	PASS
				RB8#4	4.4	13	PASS
				RB8#7	4.6	13	PASS
				RB15#0	5.15	13	PASS
			HCH	RB1#0	4.88	13	PASS
				RB1#7	4.33	13	PASS
				RB1#14	4.18	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	4.62	13	PASS
				RB8#4	4.36	13	PASS
				RB8#7	4.42	13	PASS
				RB15#0	5.12	13	PASS
		5	LCH	RB1#0	5.27	13	PASS
				RB1#13	4.59	13	PASS
				RB1#24	4.02	13	PASS
				RB12#0	5.25	13	PASS
				RB12#6	4.94	13	PASS
				RB12#13	4.85	13	PASS
				RB25#0	5.51	13	PASS
			MCH	RB1#0	3.91	13	PASS
				RB1#13	3.68	13	PASS
				RB1#24	4.7	13	PASS
				RB12#0	4.62	13	PASS
				RB12#6	4.29	13	PASS
				RB12#13	4.93	13	PASS
				RB25#0	5.43	13	PASS
			HCH	RB1#0	5.16	13	PASS
				RB1#13	4.74	13	PASS
				RB1#24	4.54	13	PASS
				RB12#0	4.77	13	PASS
				RB12#6	4.34	13	PASS
				RB12#13	4.45	13	PASS
				RB25#0	5.19	13	PASS
		10	LCH	RB1#0	5.17	13	PASS
				RB1#25	3.81	13	PASS
				RB1#49	4.1	13	PASS
				RB25#0	5.44	13	PASS
				RB25#13	4.68	13	PASS
				RB25#25	4.98	13	PASS
				RB50#0	5.69	13	PASS
			MCH	RB1#0	4.14	13	PASS
				RB1#25	3.49	13	PASS
				RB1#49	4.98	13	PASS
				RB25#0	4.86	13	PASS
				RB25#13	4.8	13	PASS
				RB25#25	5.22	13	PASS
				RB50#0	5.45	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	3.95	13	PASS
				RB1#25	4.71	13	PASS
				RB1#49	4.74	13	PASS
				RB25#0	5.05	13	PASS
				RB25#13	4.8	13	PASS
				RB25#25	4.97	13	PASS
				RB50#0	5.51	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.24	13	PASS
				RB1#3	5.27	13	PASS
				RB1#5	5.22	13	PASS
				RB3#0	5.3	13	PASS
				RB3#2	5.19	13	PASS
				RB3#3	5.35	13	PASS
				RB6#0	5.76	13	PASS
			MCH	RB1#0	4.32	13	PASS
				RB1#3	4.51	13	PASS
				RB1#5	4.6	13	PASS
				RB3#0	4.51	13	PASS
				RB3#2	4.85	13	PASS
				RB3#3	4.76	13	PASS
				RB6#0	5.15	13	PASS
			HCH	RB1#0	3.96	13	PASS
				RB1#3	3.79	13	PASS
				RB1#5	3.74	13	PASS
				RB3#0	4.42	13	PASS
				RB3#2	4.28	13	PASS
				RB3#3	4.32	13	PASS
				RB6#0	5.26	13	PASS
		3	LCH	RB1#0	5.36	13	PASS
				RB1#7	5.05	13	PASS
				RB1#14	5.18	13	PASS
				RB8#0	5.36	13	PASS
				RB8#4	5.21	13	PASS
				RB8#7	5.36	13	PASS
				RB15#0	5.85	13	PASS
			MCH	RB1#0	4.46	13	PASS
				RB1#7	4.45	13	PASS
				RB1#14	4.83	13	PASS
				RB8#0	4.91	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	4.66	13	PASS
				RB8#7	4.99	13	PASS
				RB15#0	5.35	13	PASS
			HCH	RB1#0	4.5	13	PASS
				RB1#7	3.96	13	PASS
				RB1#14	4.04	13	PASS
				RB8#0	5.25	13	PASS
				RB8#4	4.87	13	PASS
				RB8#7	4.94	13	PASS
				RB15#0	5.54	13	PASS
		5	LCH	RB1#0	5.48	13	PASS
				RB1#13	4.94	13	PASS
				RB1#24	4.83	13	PASS
				RB12#0	5.19	13	PASS
				RB12#6	4.92	13	PASS
				RB12#13	5.09	13	PASS
				RB25#0	5.74	13	PASS
			MCH	RB1#0	4.43	13	PASS
				RB1#13	4.36	13	PASS
				RB1#24	4.73	13	PASS
				RB12#0	4.92	13	PASS
				RB12#6	4.64	13	PASS
				RB12#13	4.86	13	PASS
				RB25#0	5.59	13	PASS
			HCH	RB1#0	4.48	13	PASS
				RB1#13	4.07	13	PASS
				RB1#24	3.92	13	PASS
				RB12#0	5.22	13	PASS
				RB12#6	4.87	13	PASS
				RB12#13	5	13	PASS
				RB25#0	5.86	13	PASS
		10	LCH	RB1#0	5.24	13	PASS
				RB1#25	4.46	13	PASS
				RB1#49	5.04	13	PASS
				RB25#0	5.44	13	PASS
				RB25#13	4.97	13	PASS
				RB25#25	5.21	13	PASS
				RB50#0	5.76	13	PASS
			MCH	RB1#0	4.64	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.61	13	PASS
				RB1#49	5.03	13	PASS
				RB25#0	5.15	13	PASS
				RB25#13	4.78	13	PASS
				RB25#25	5.21	13	PASS
				RB50#0	5.75	13	PASS
			HCH	RB1#0	4.57	13	PASS
				RB1#25	4.53	13	PASS
				RB1#49	4.27	13	PASS
				RB25#0	5.09	13	PASS
				RB25#13	4.72	13	PASS
				RB25#25	5.55	13	PASS
				RB50#0	5.6	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

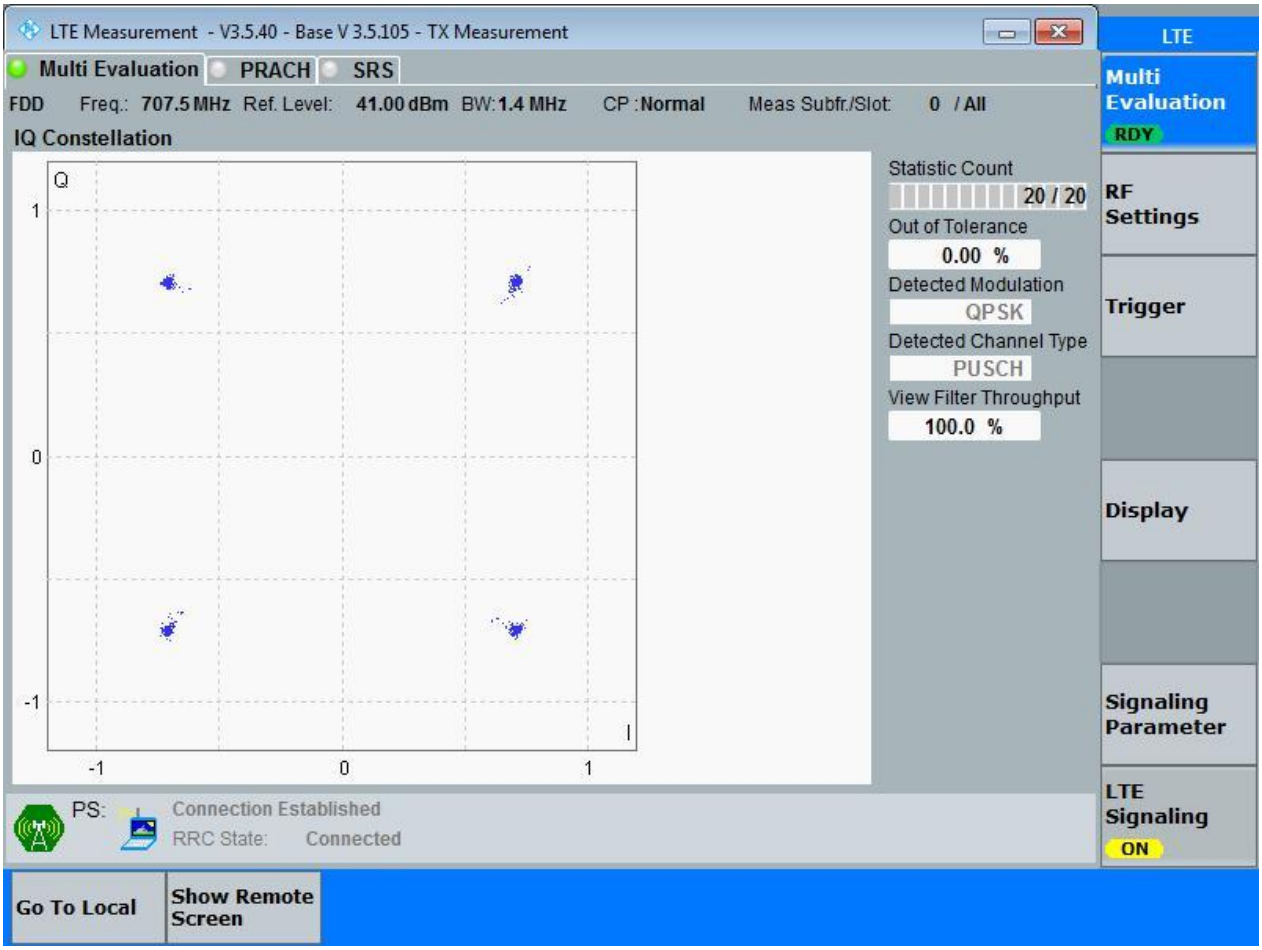
3.1.1 Test Band = BAND12

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

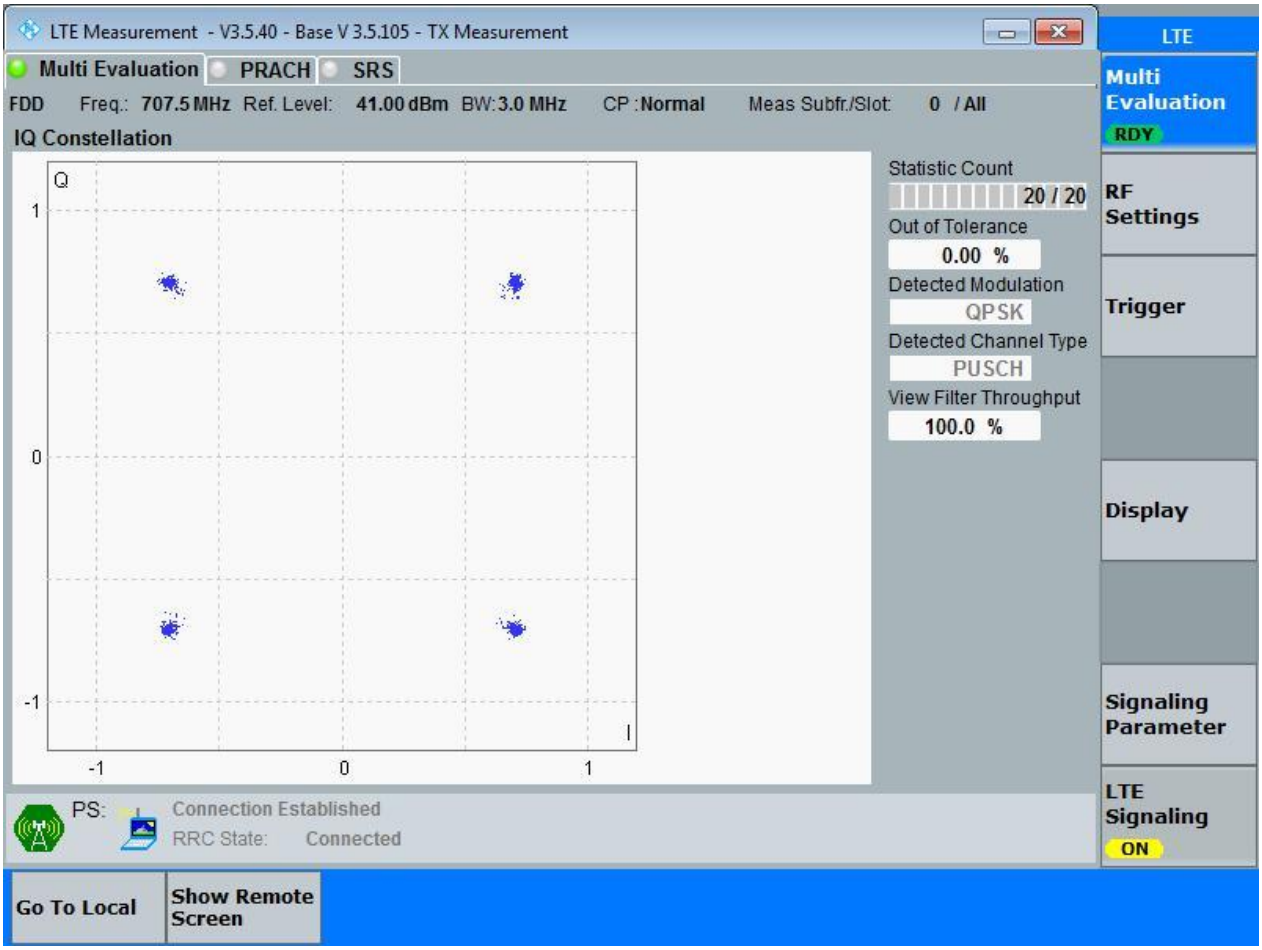
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

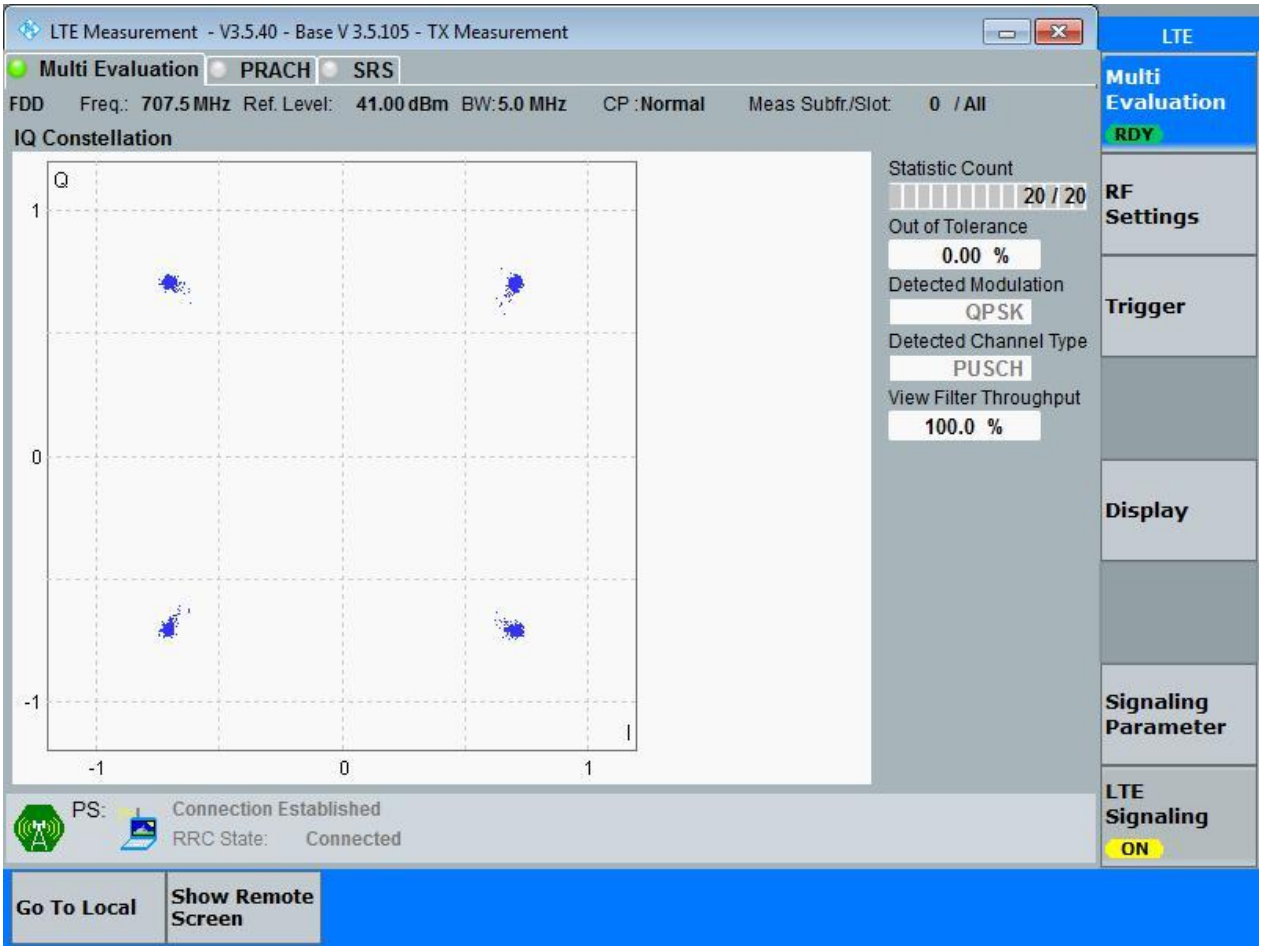
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

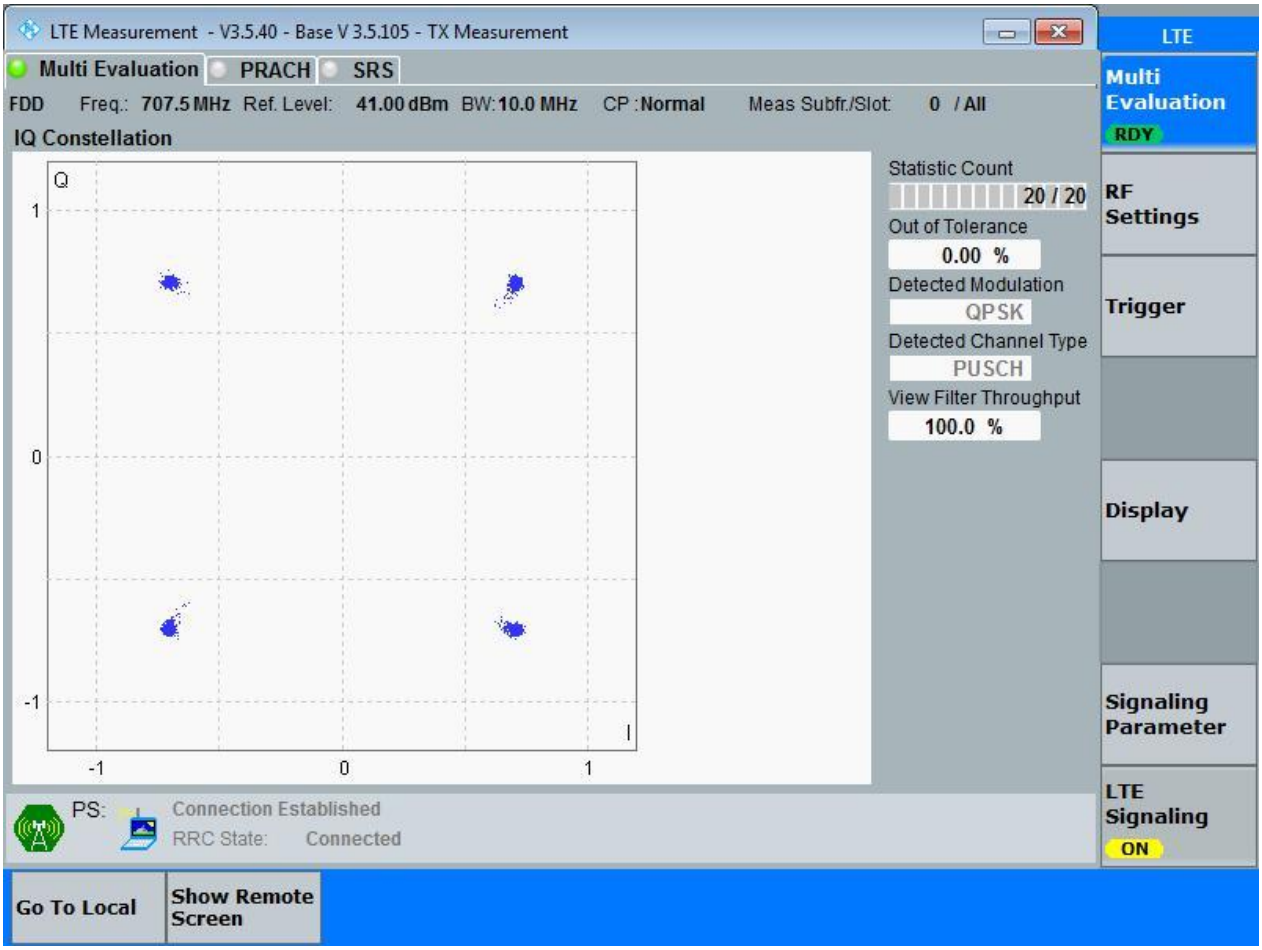
3.1.1.1.3.1.1 Test RB = RB25#0



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

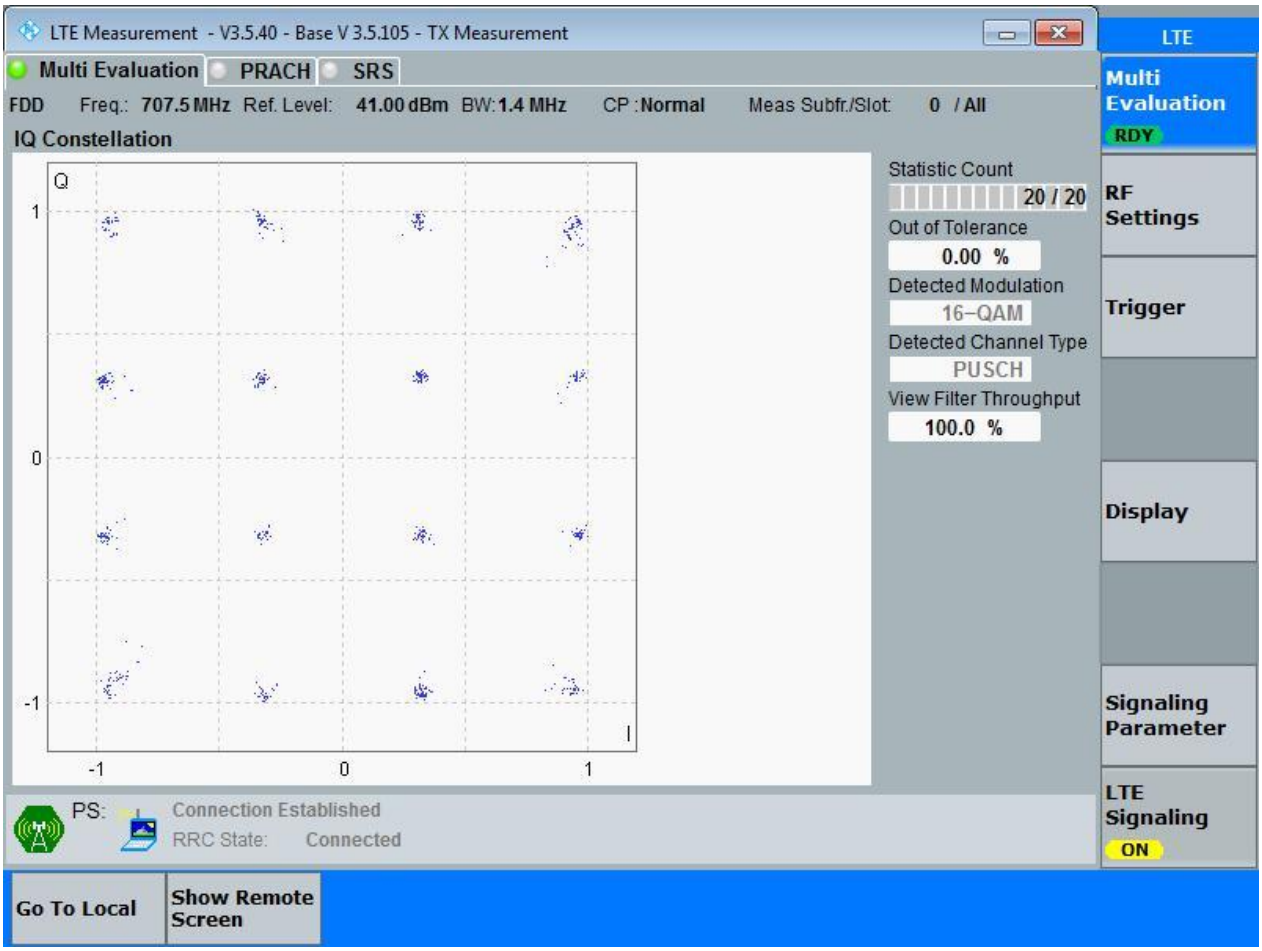


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

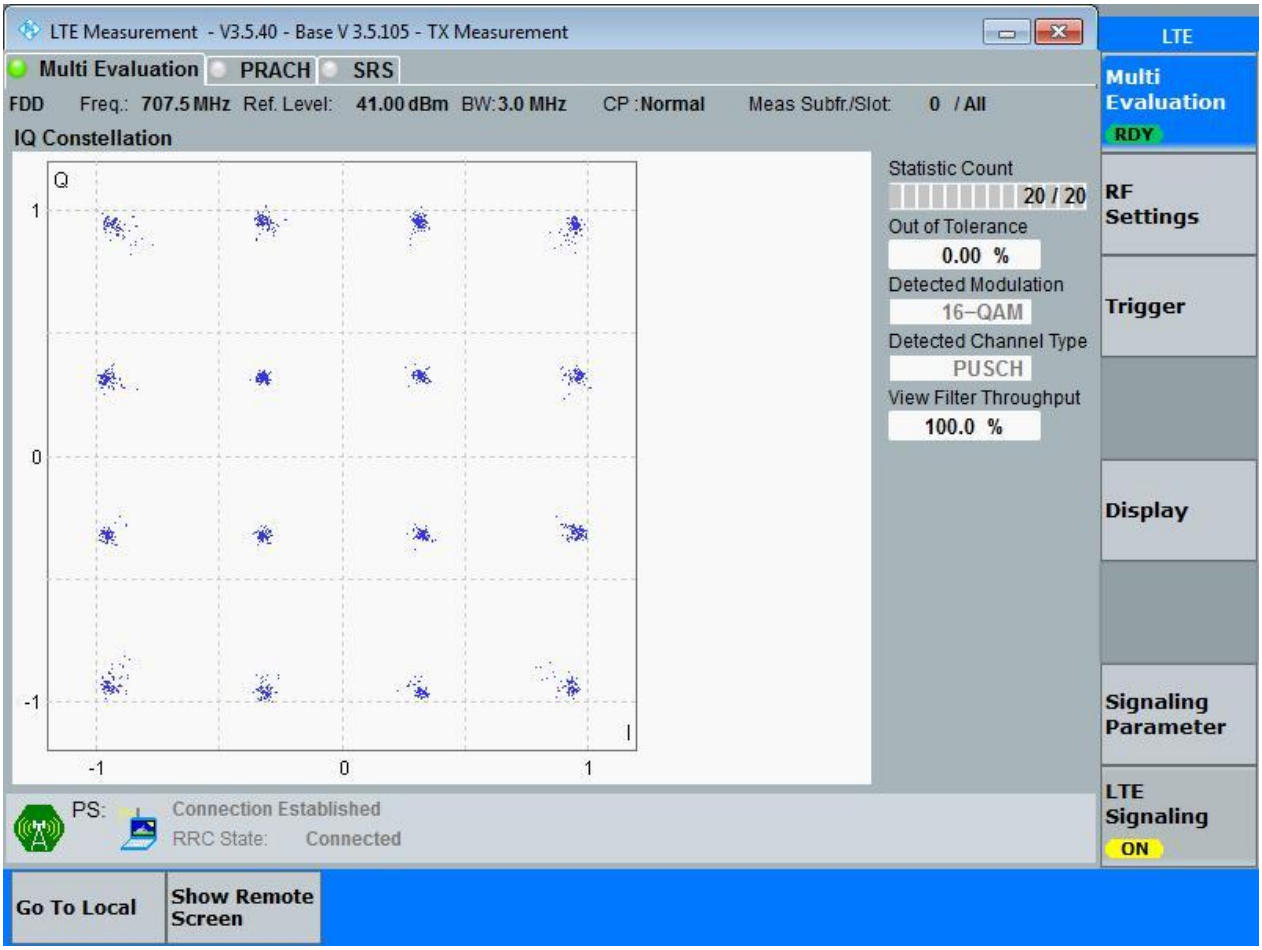
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

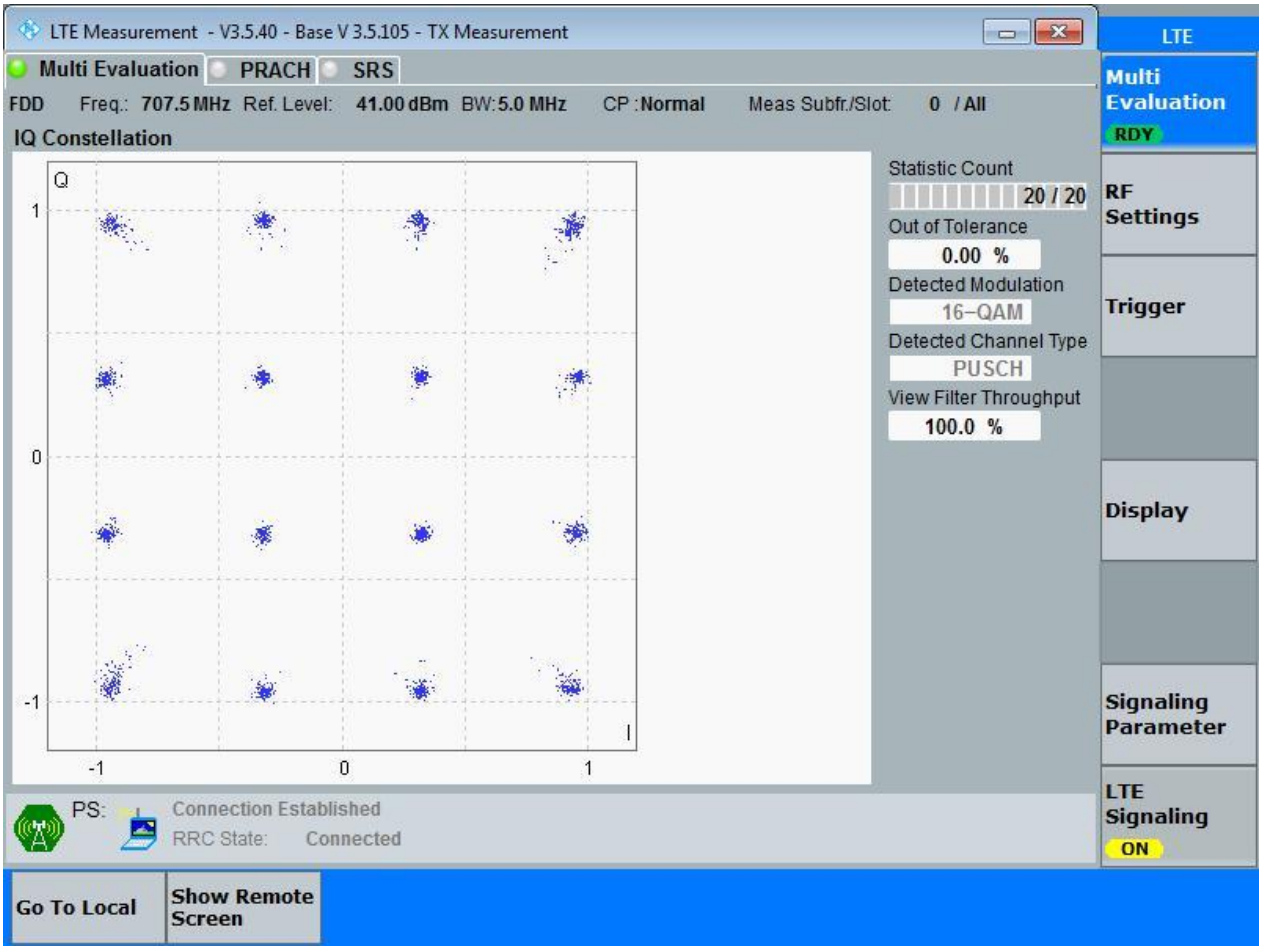
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

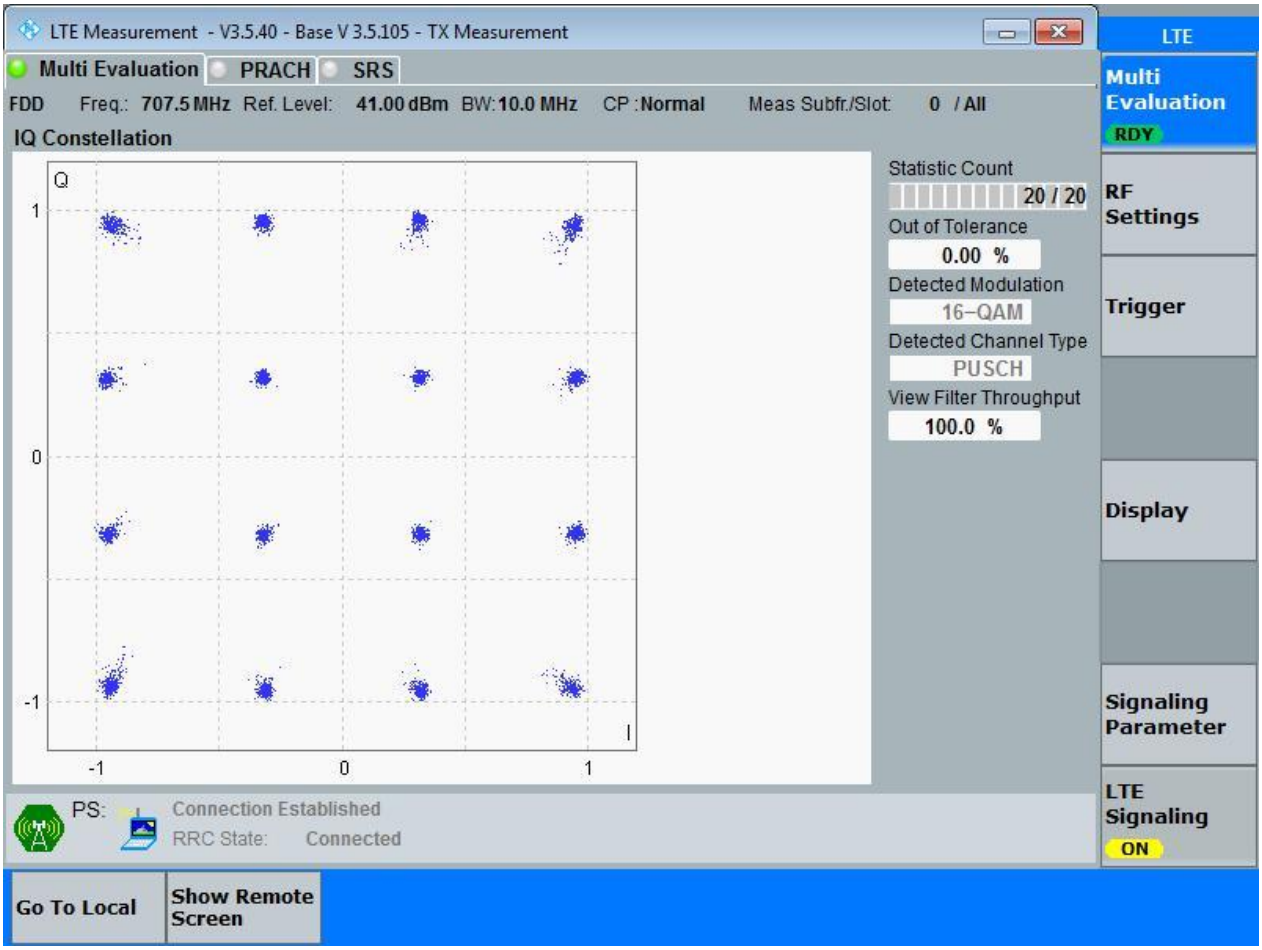
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.71	2.95	Pass
		5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.49	4.87	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.97	9.62	Pass
			MCH	RB50#0	8.97	9.61	Pass
			HCH	RB50#0	8.99	9.65	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.71	2.96	Pass
			HCH	RB15#0	2.71	2.96	Pass
		5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.88	Pass
			HCH	RB25#0	4.51	4.88	Pass
		10	LCH	RB50#0	8.97	9.62	Pass
			MCH	RB50#0	8.99	9.64	Pass
			HCH	RB50#0	9.00	9.67	Pass

Part II - Test Plots

4.1 For LTE

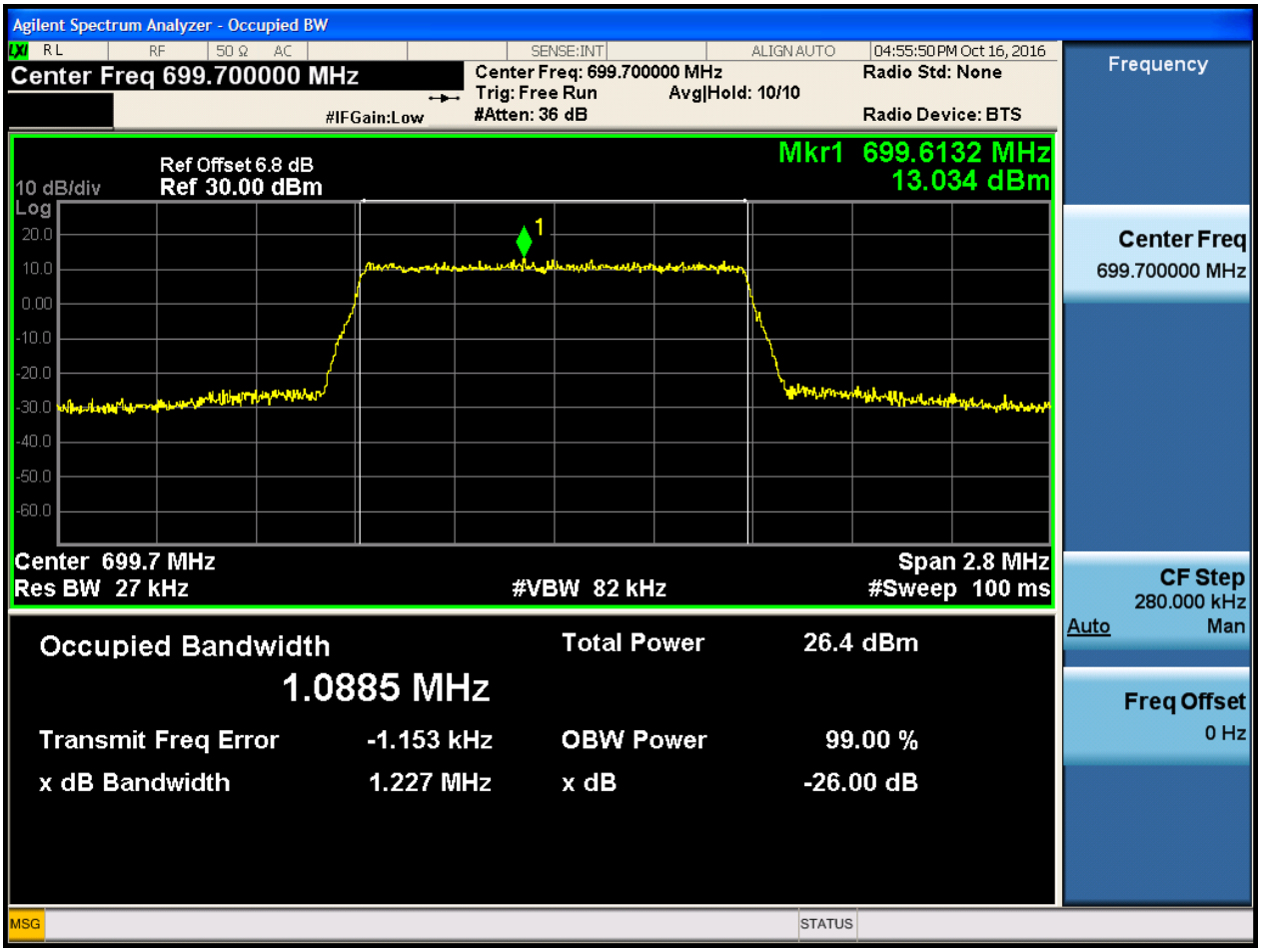
4.1.1 Test Band = BAND12

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

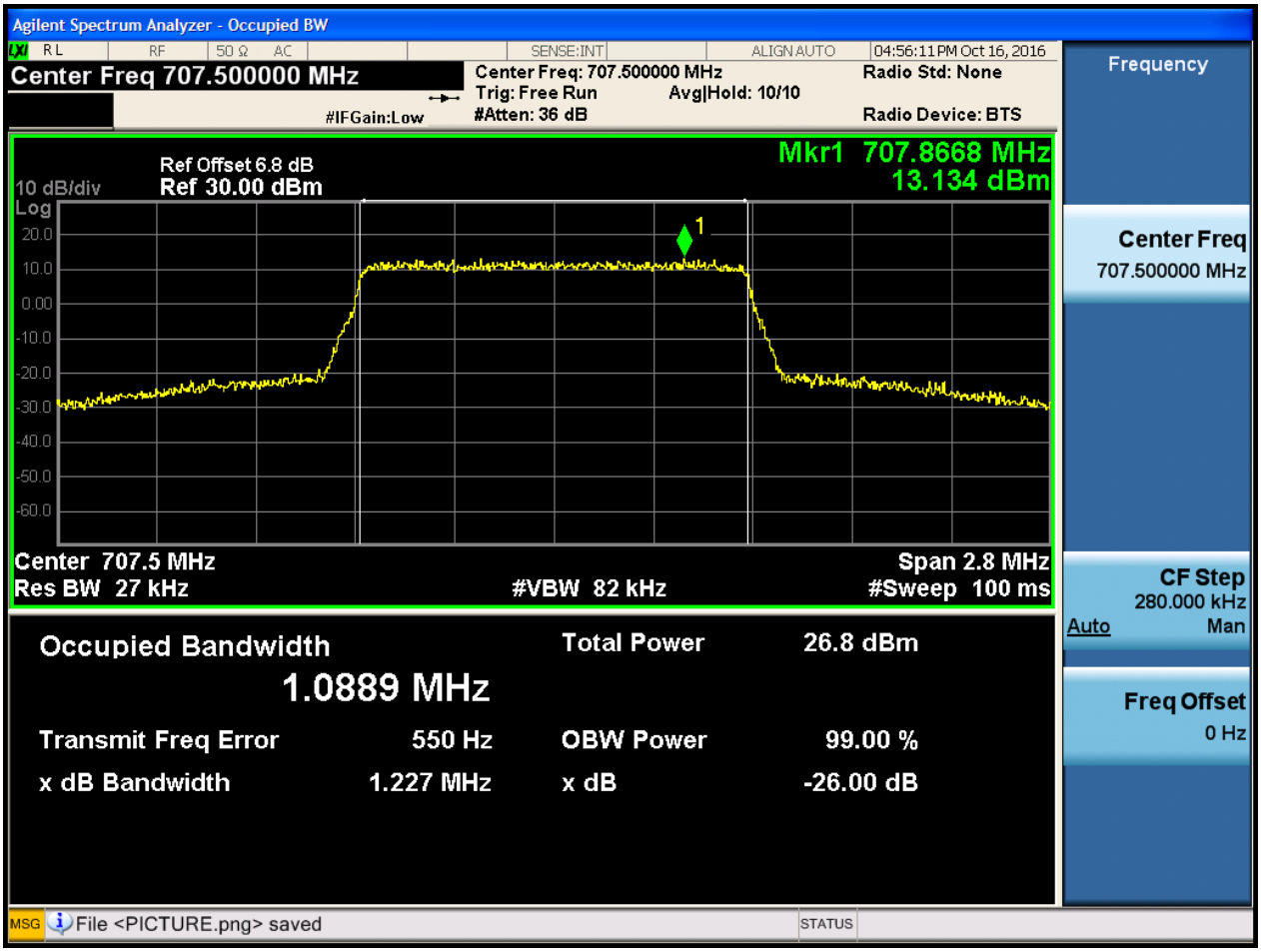
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



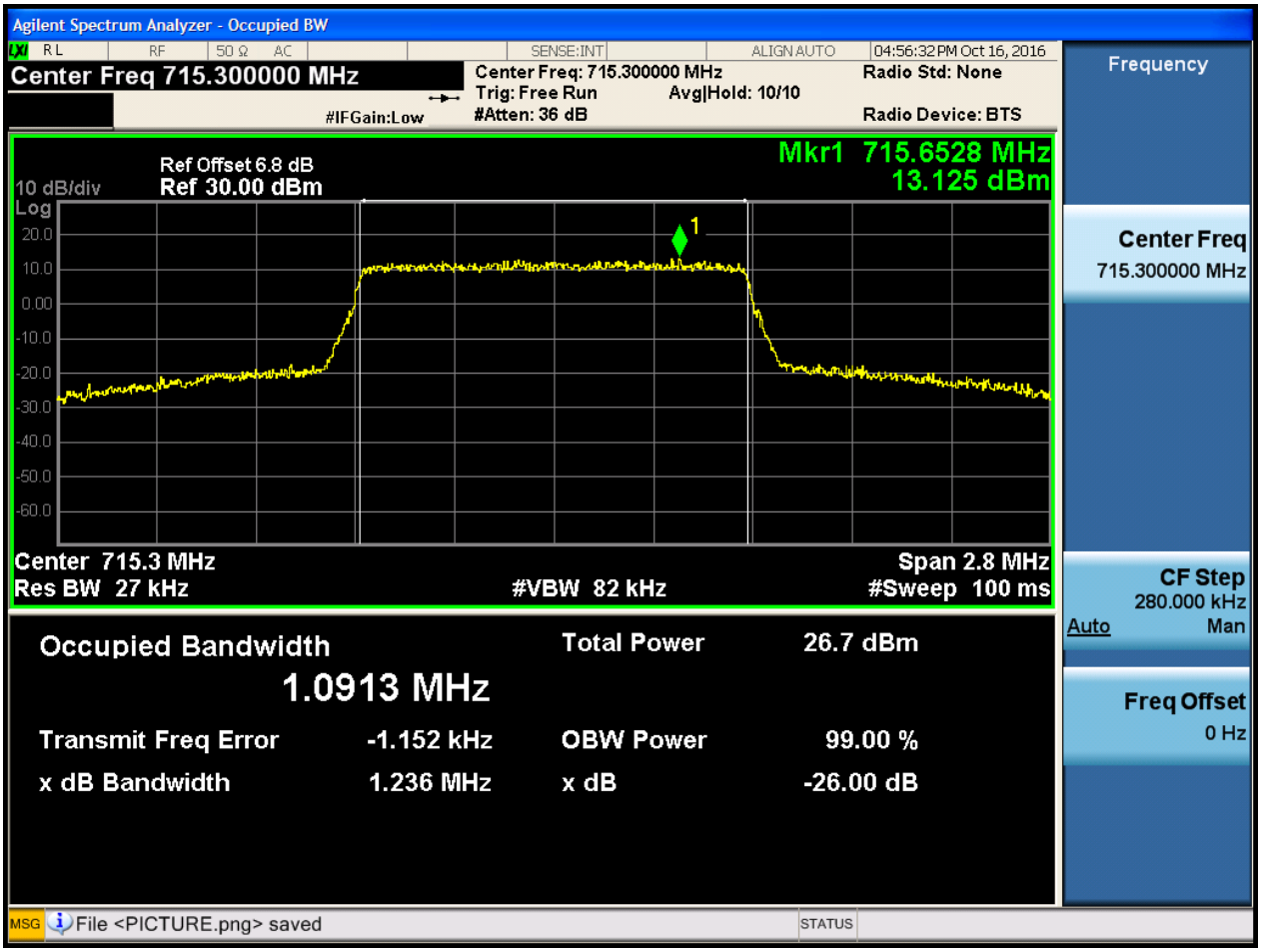
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

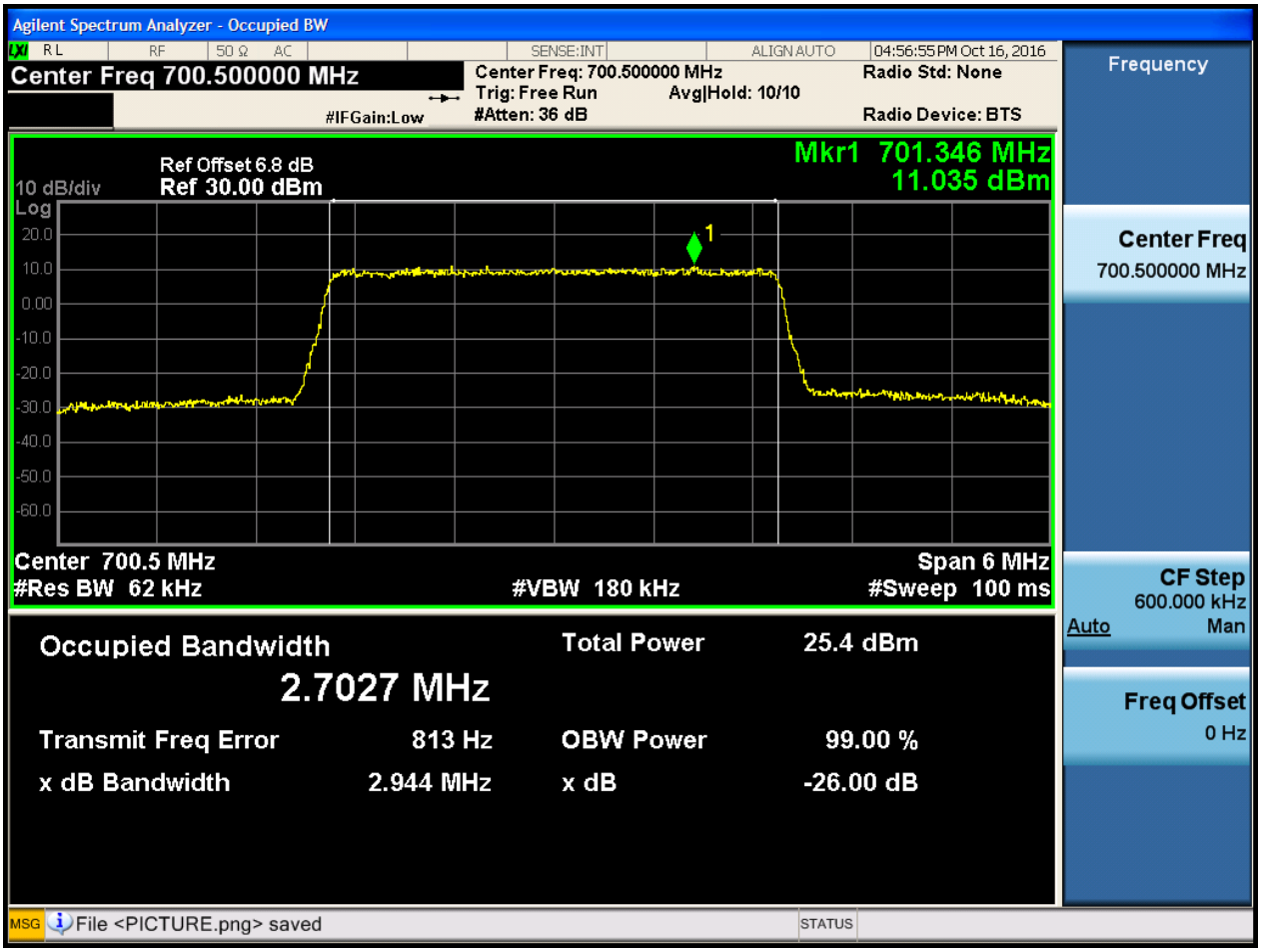
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

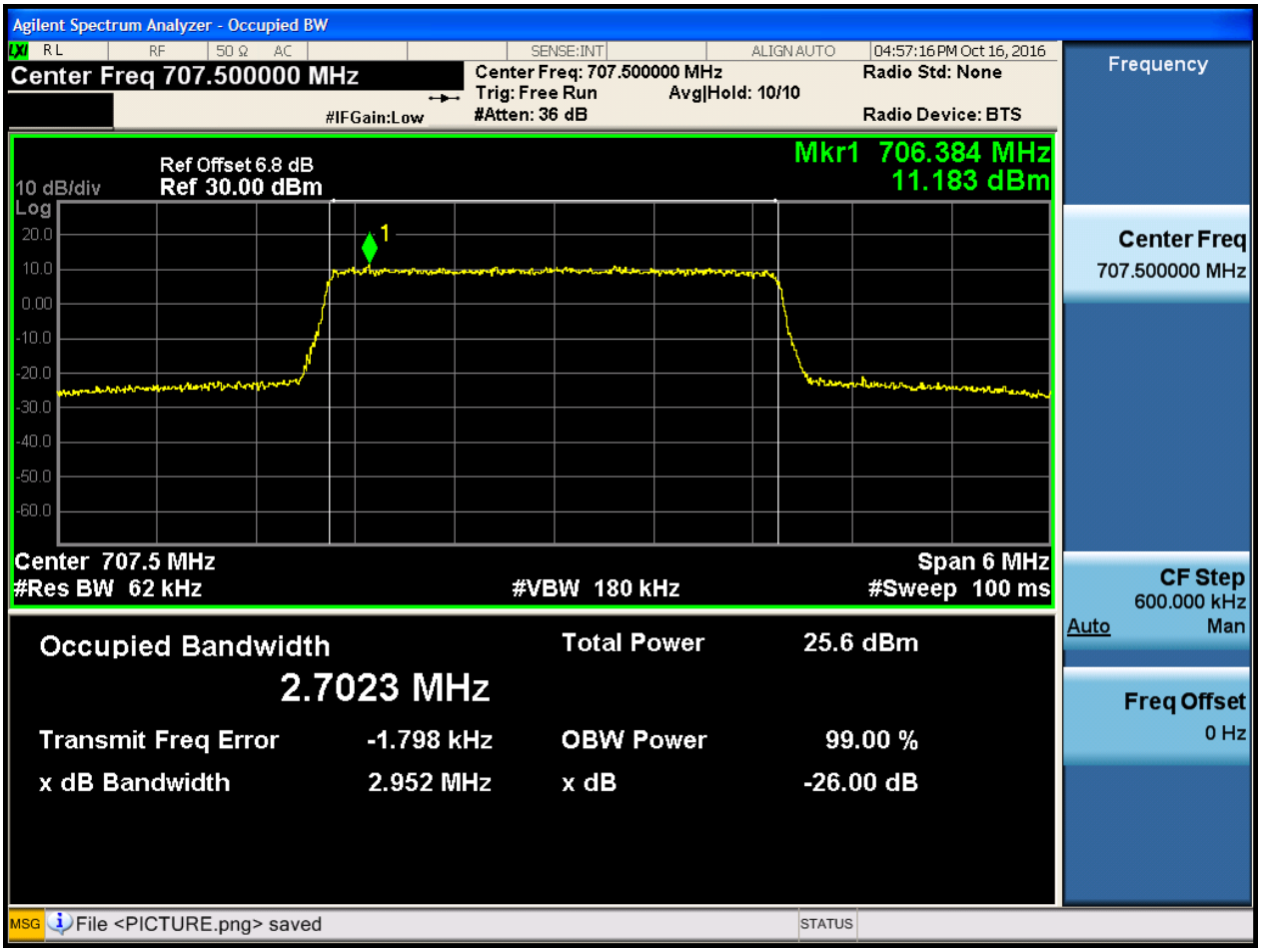
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



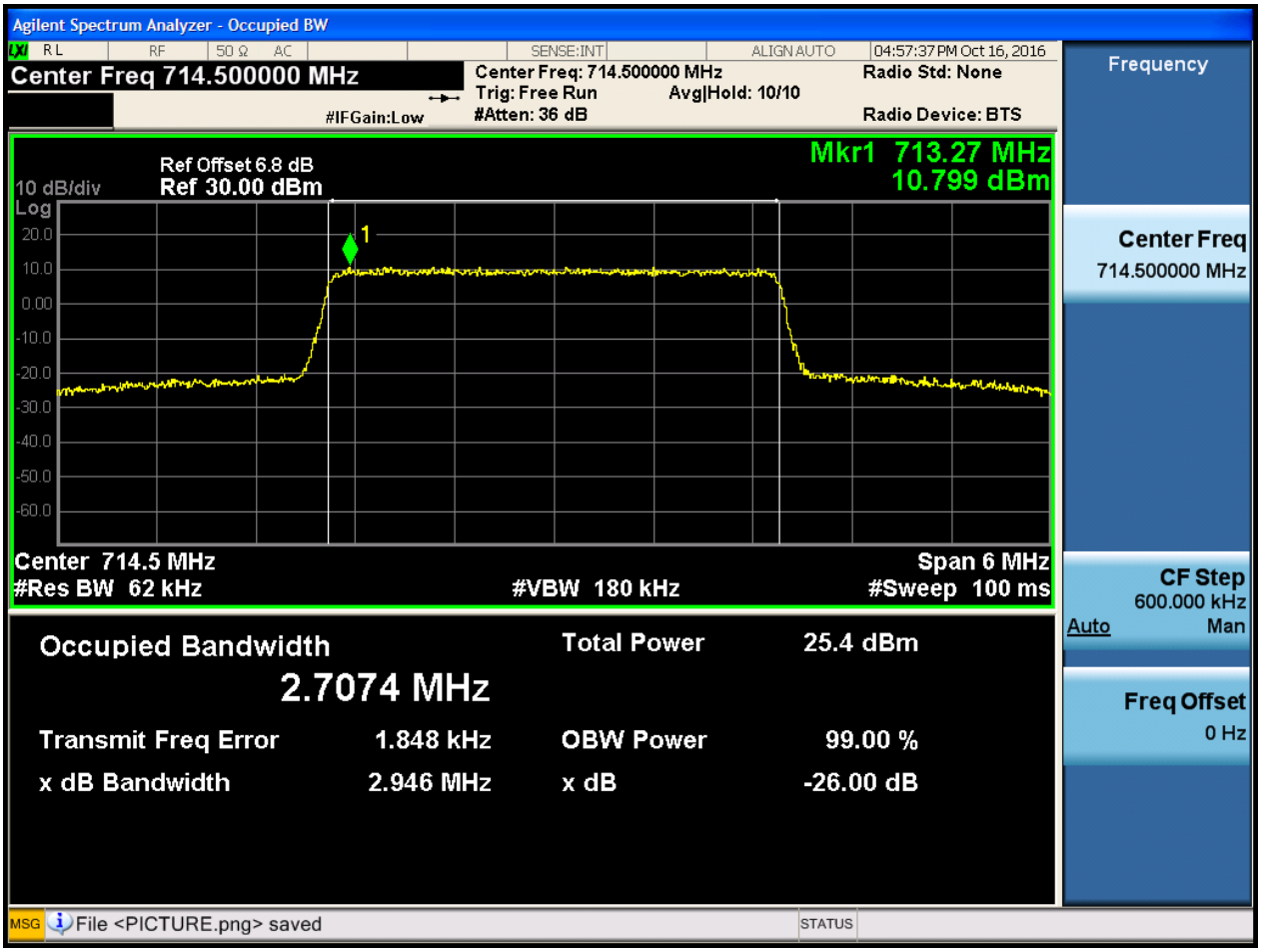
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

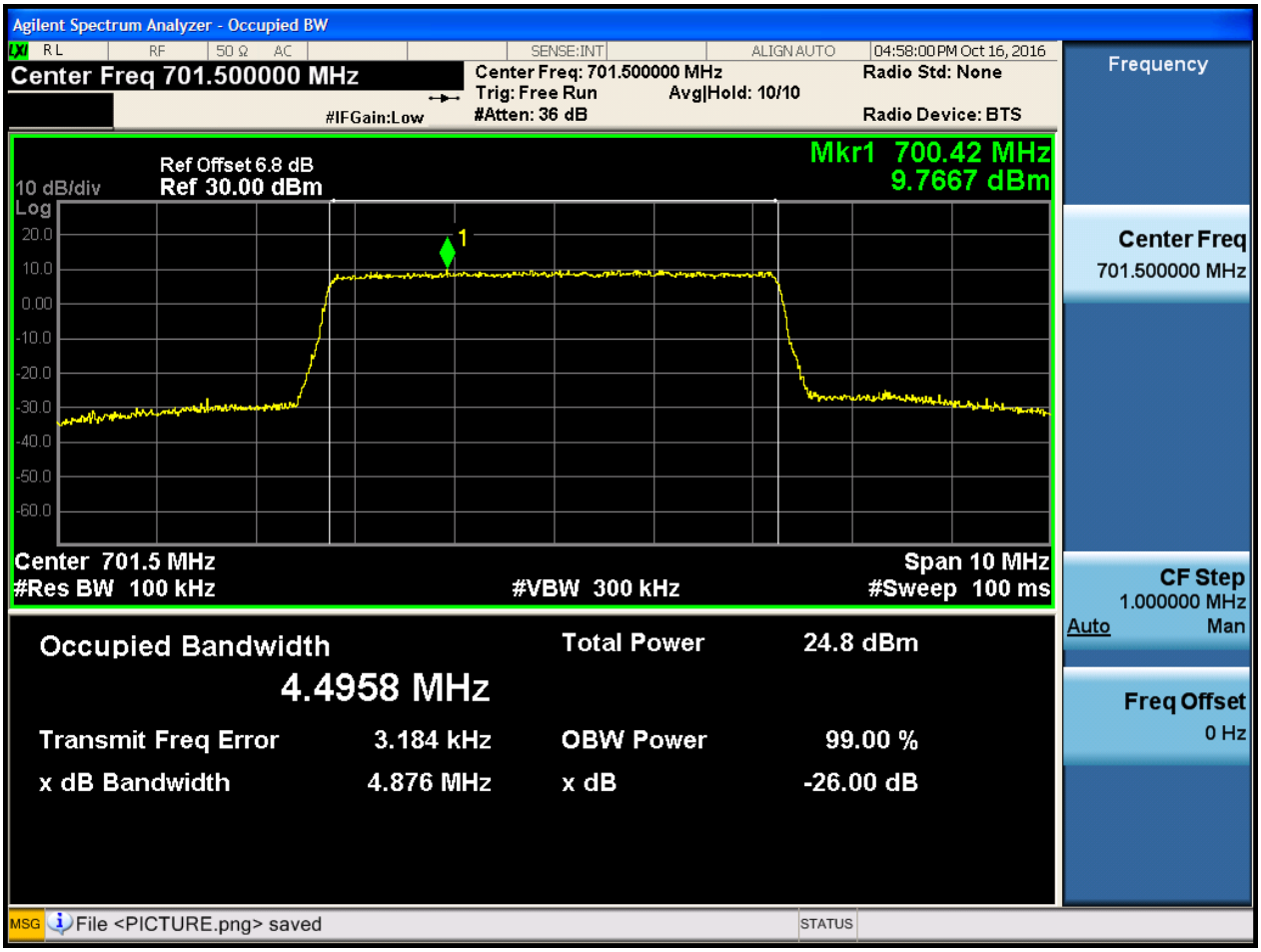
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

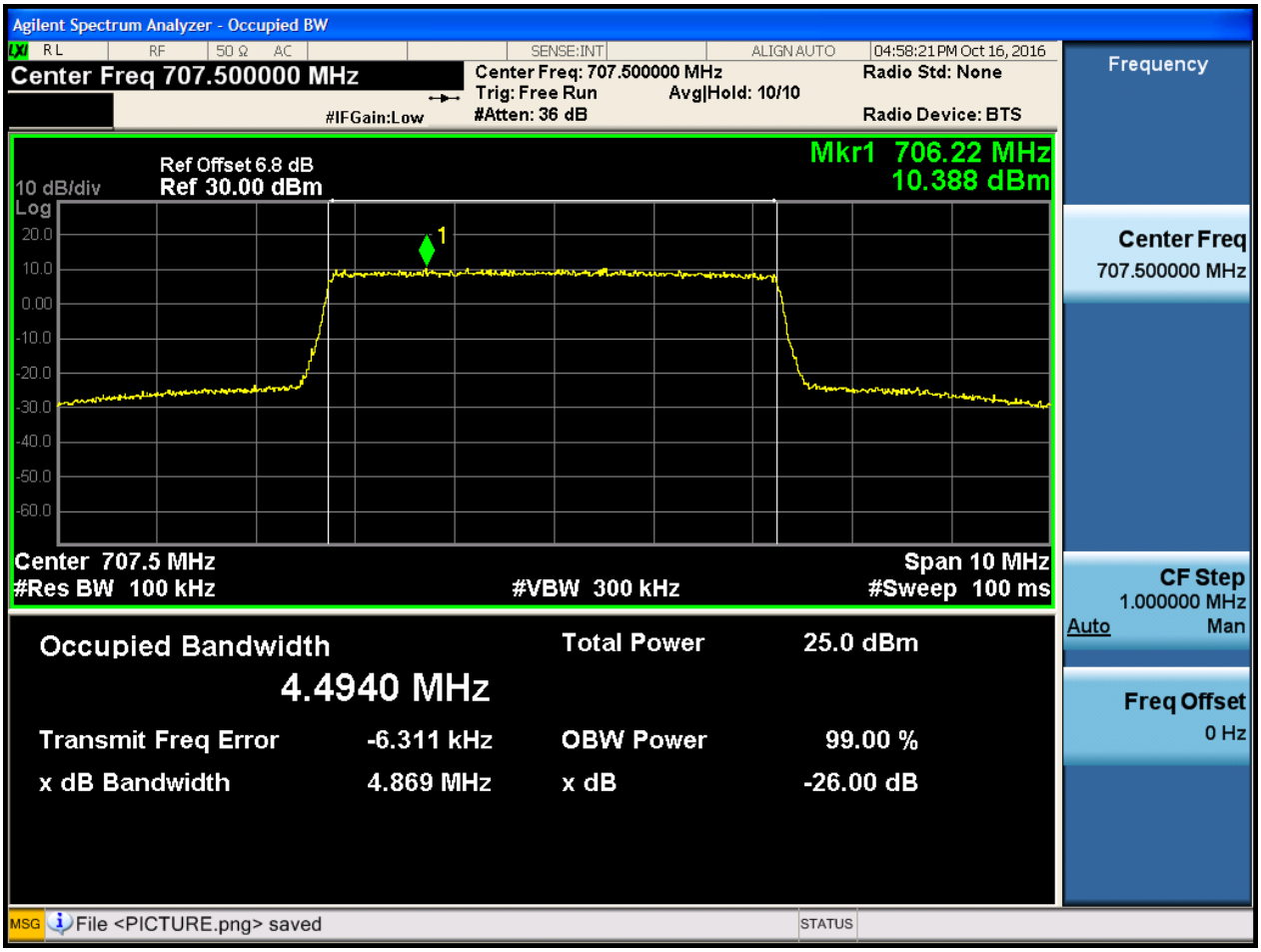
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



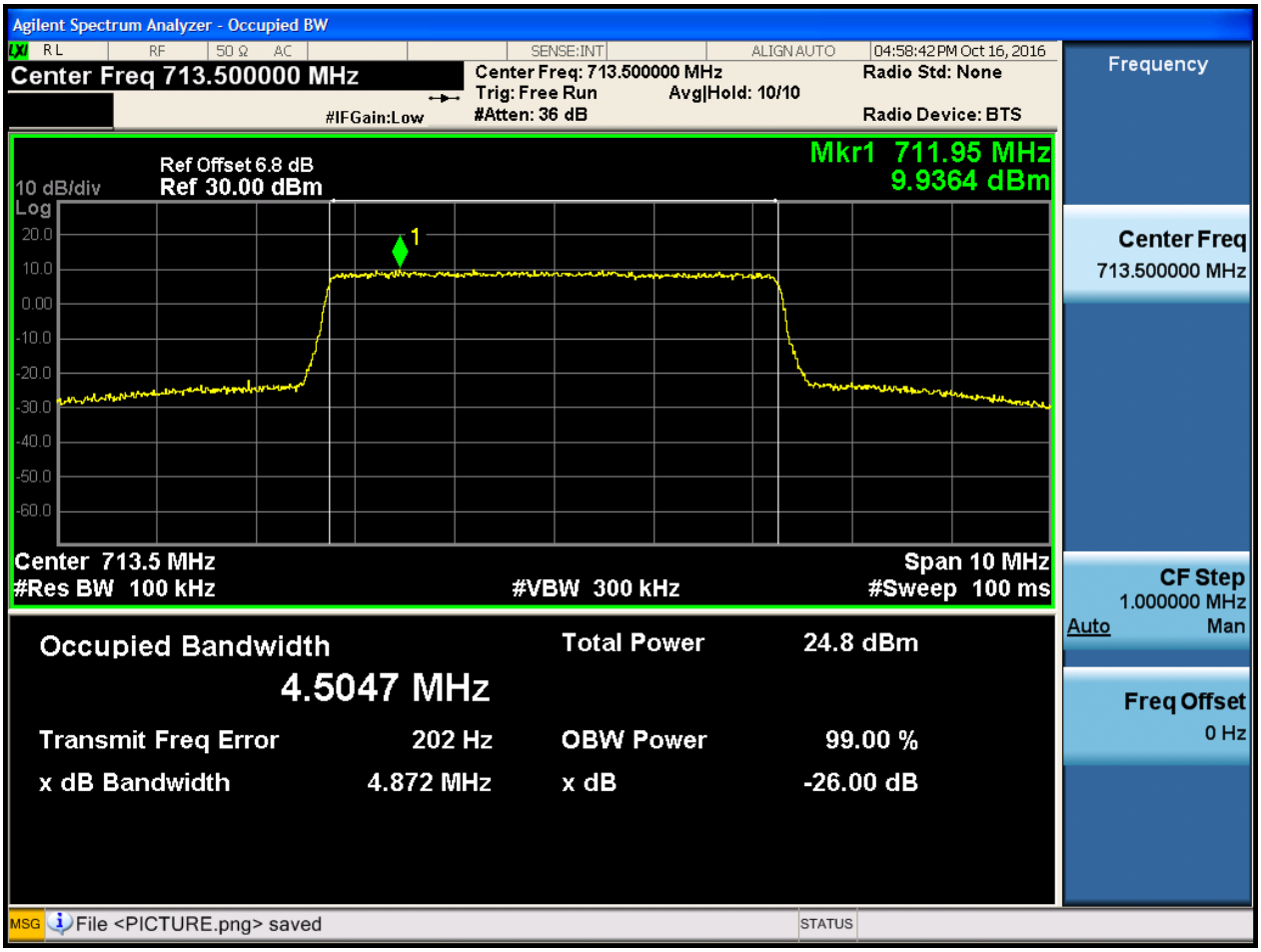
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

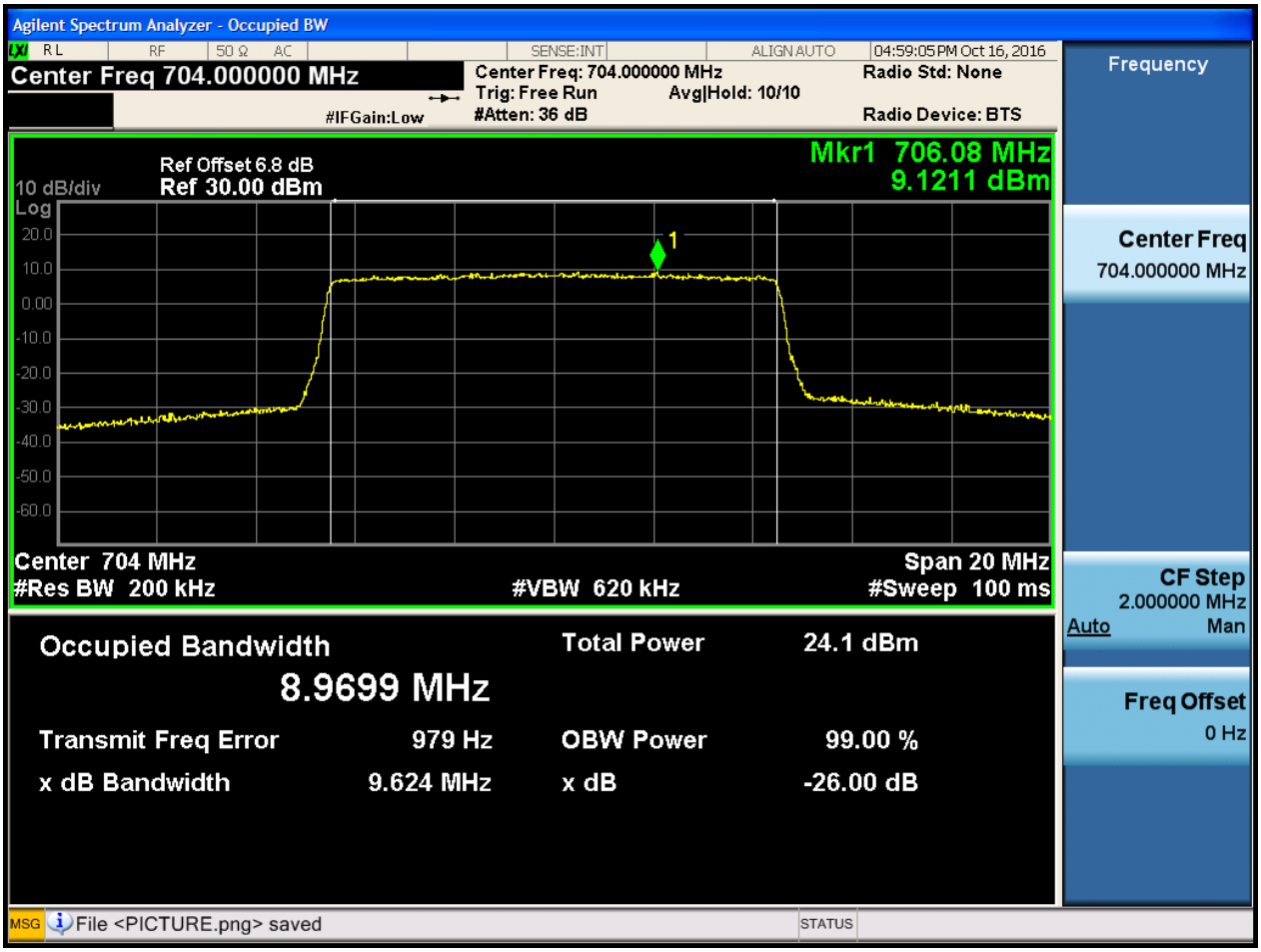
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

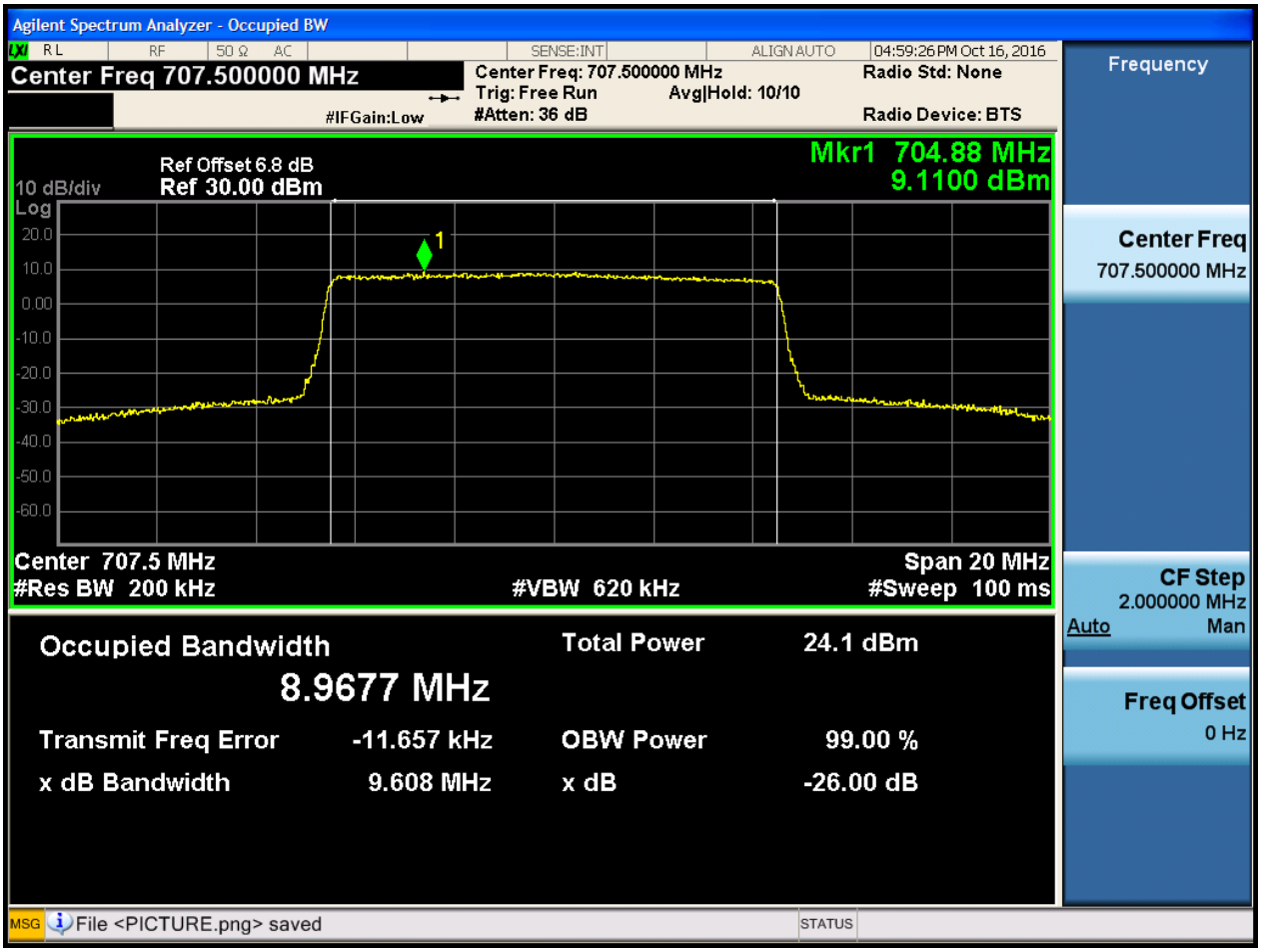
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



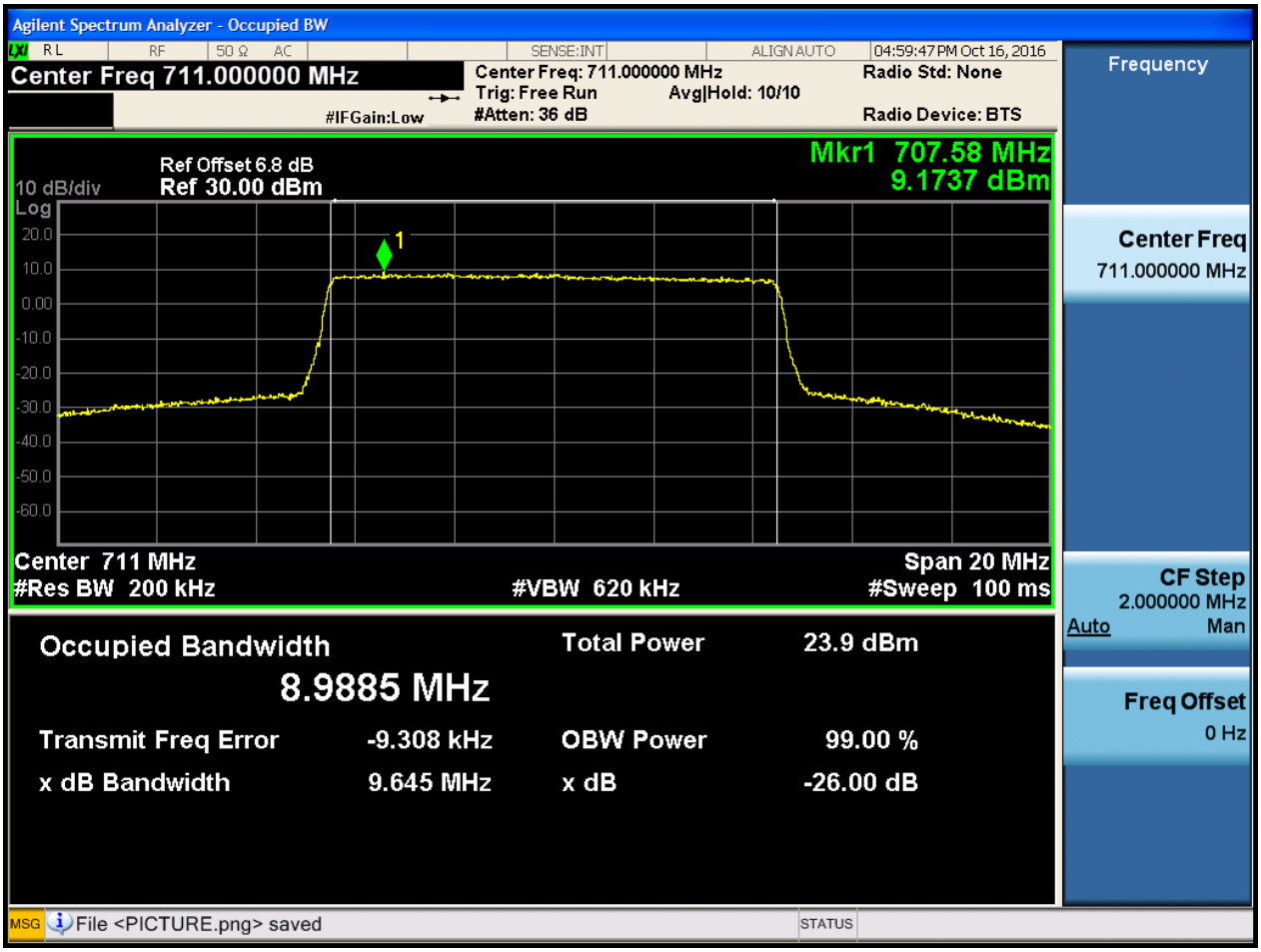
4.1.1.1.4.2 Test Channel = MCH

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

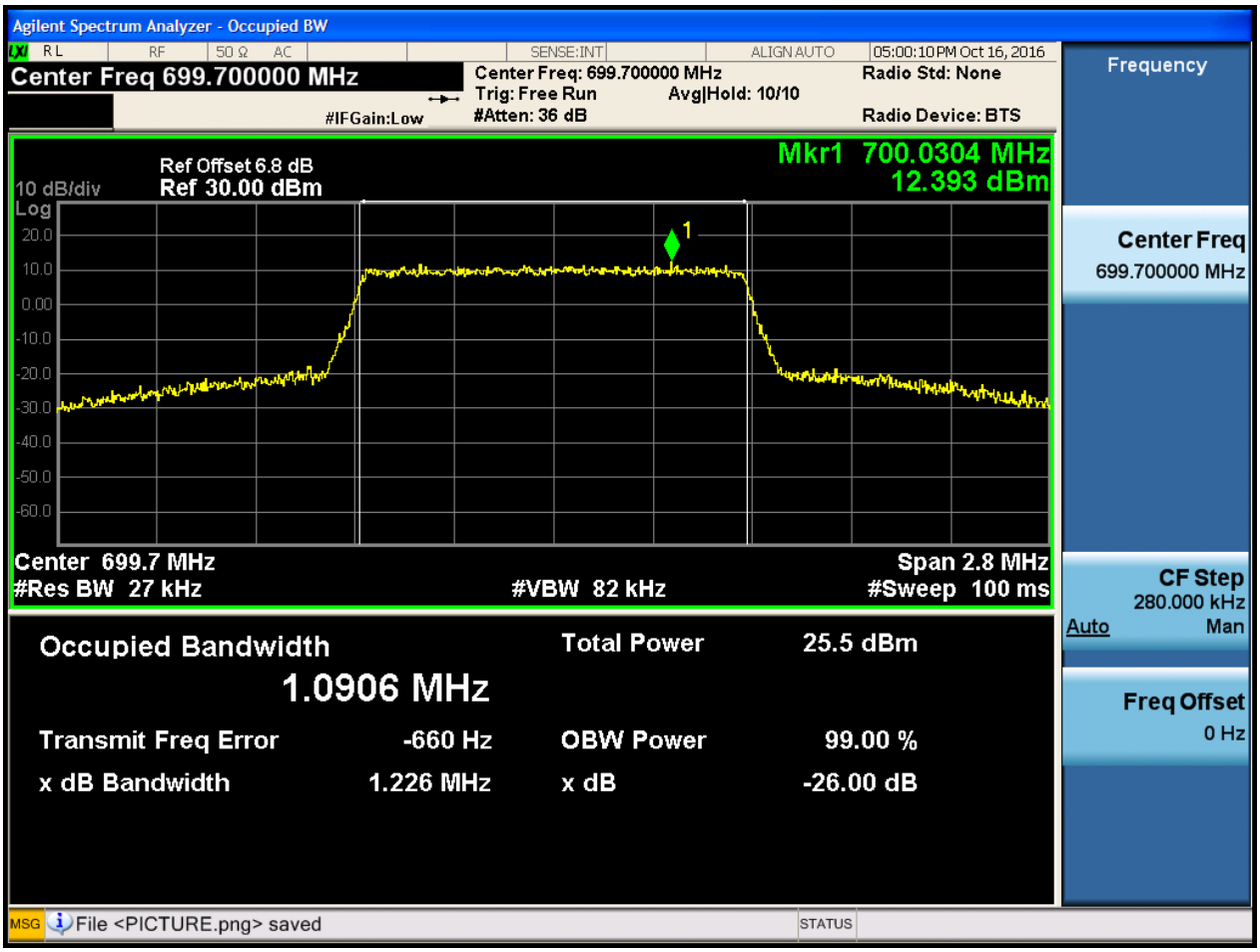


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

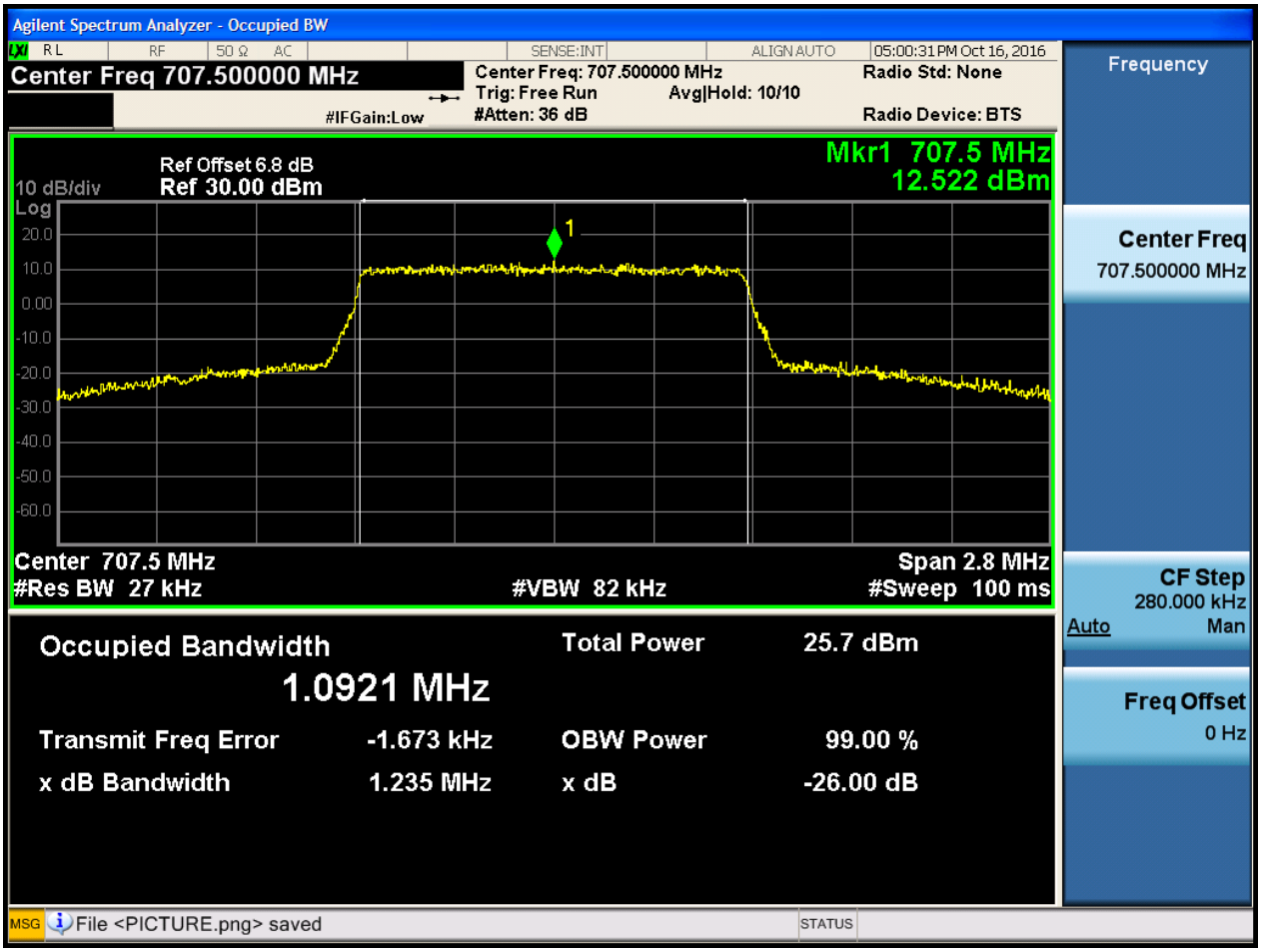
4.1.1.2.1.1 Test Channel = LCH

####### 4.1.1.2.1.1.1 Test RB = RB6#0



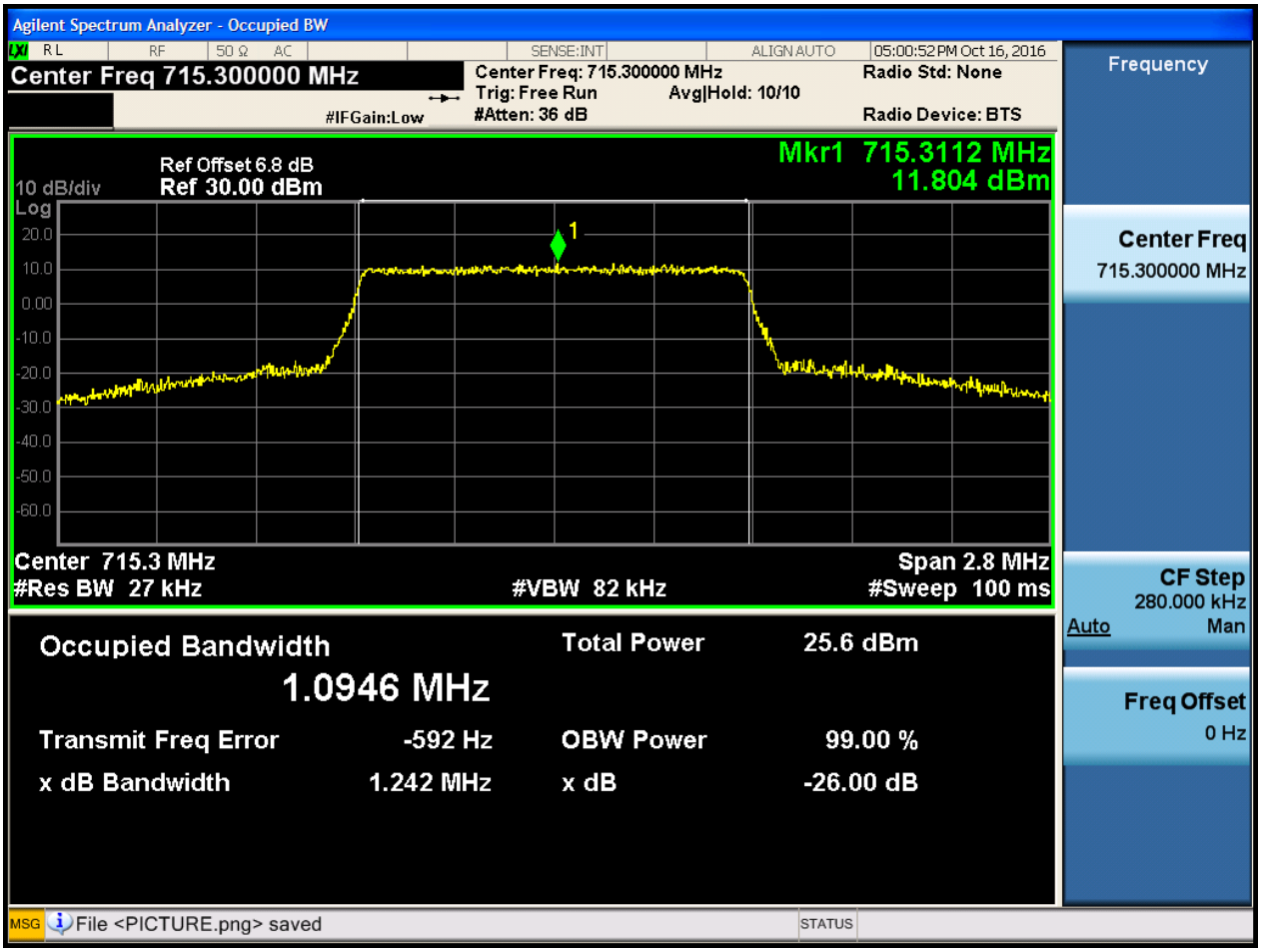
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

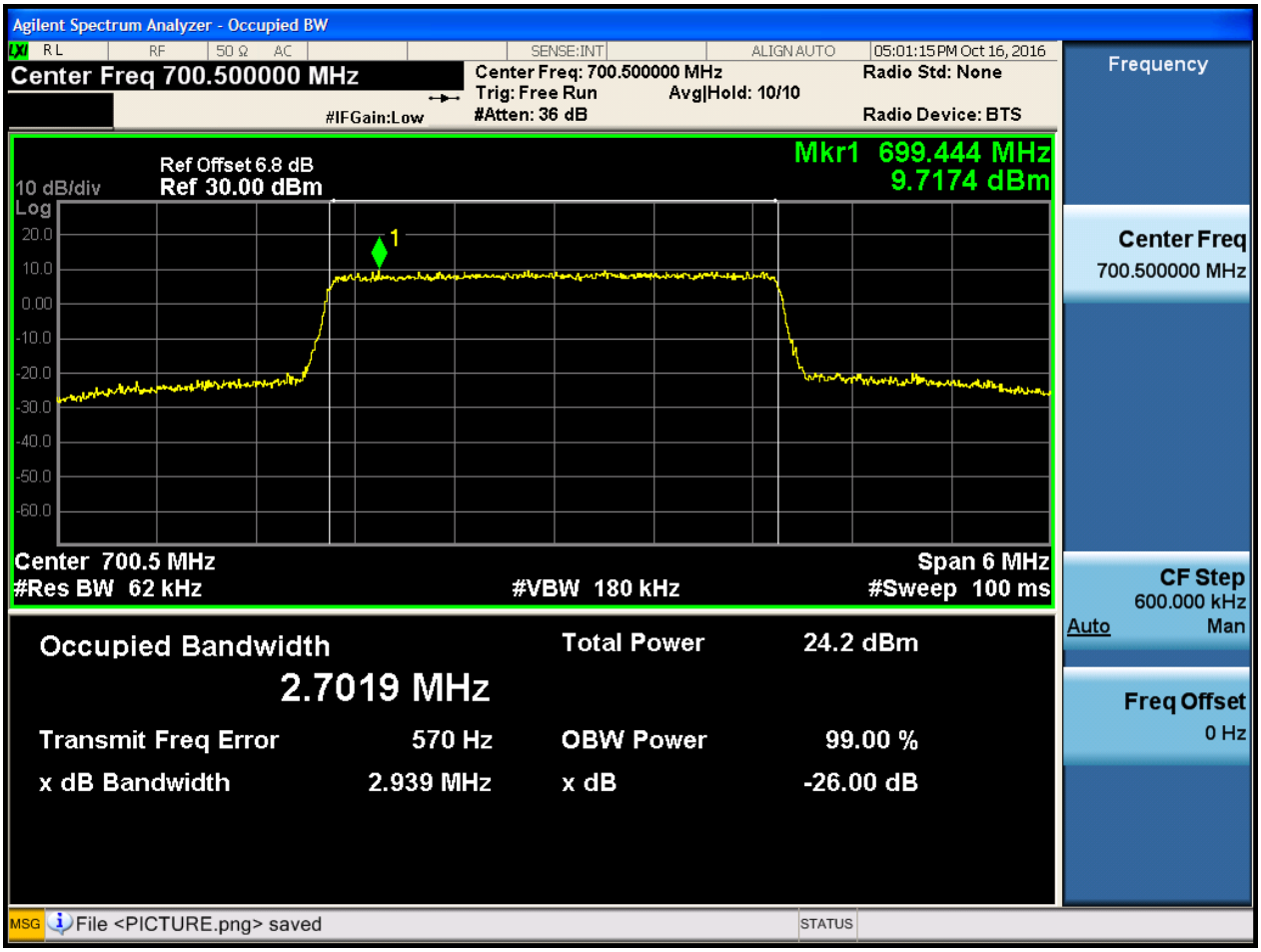
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

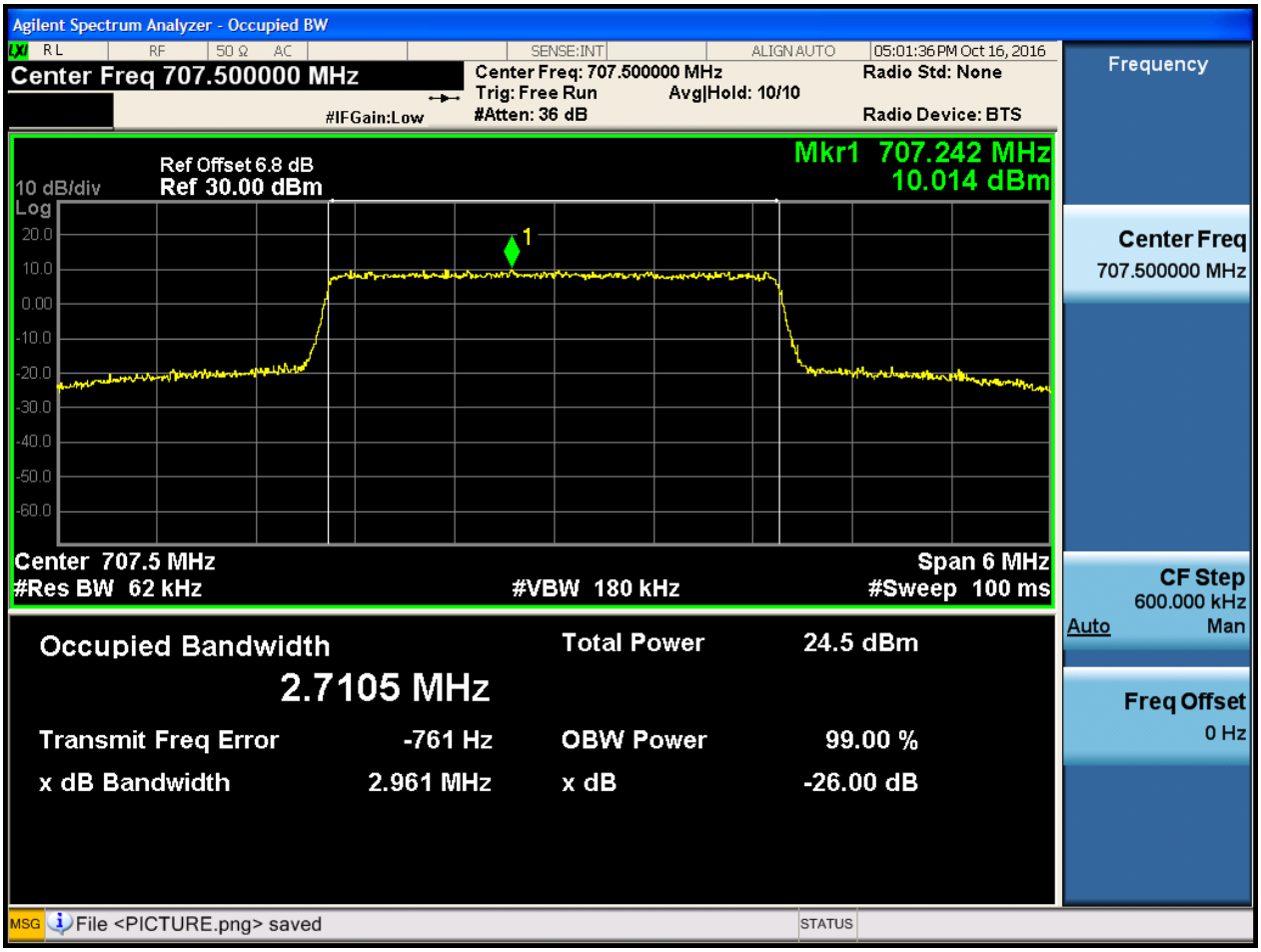
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



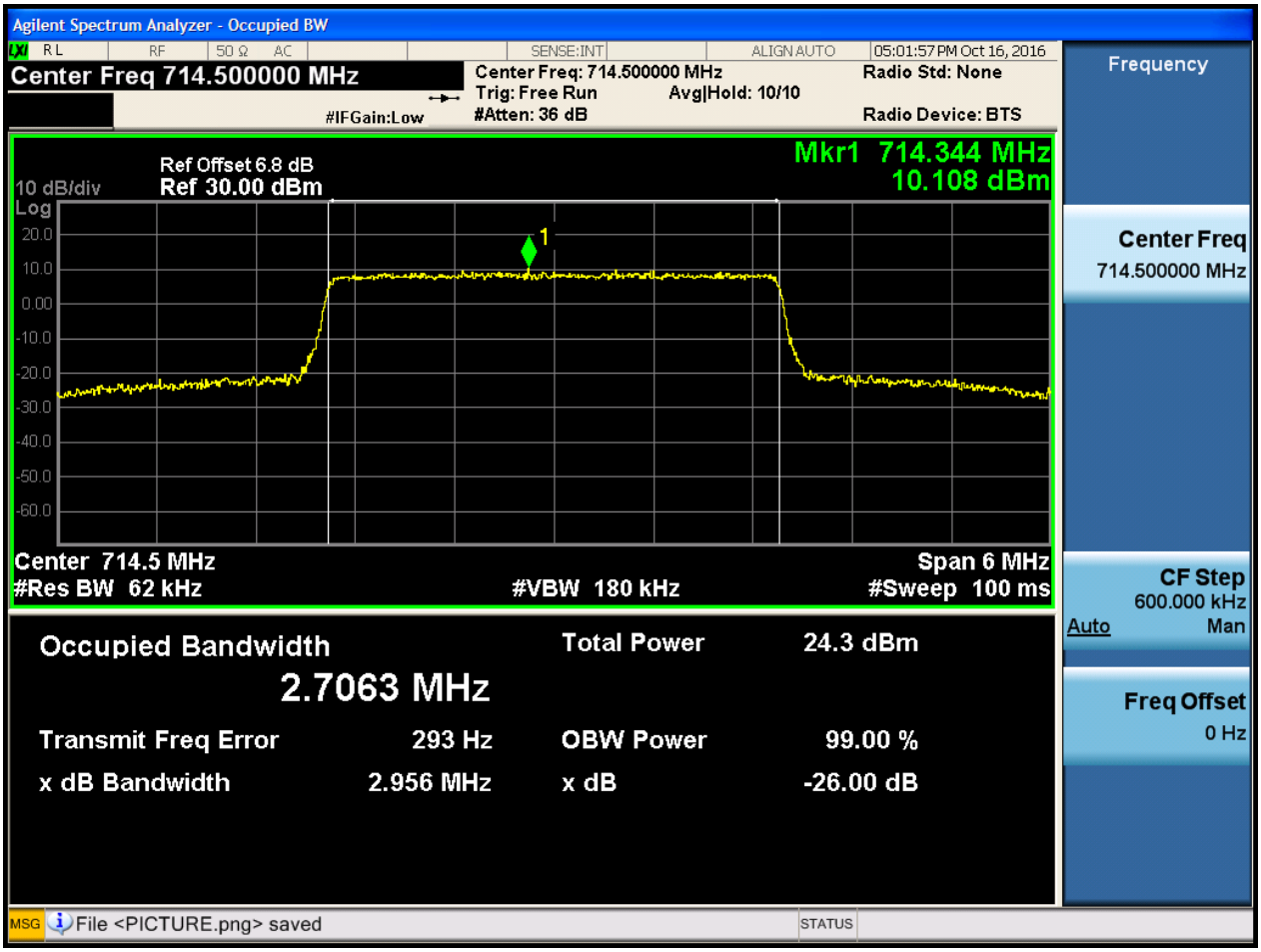
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

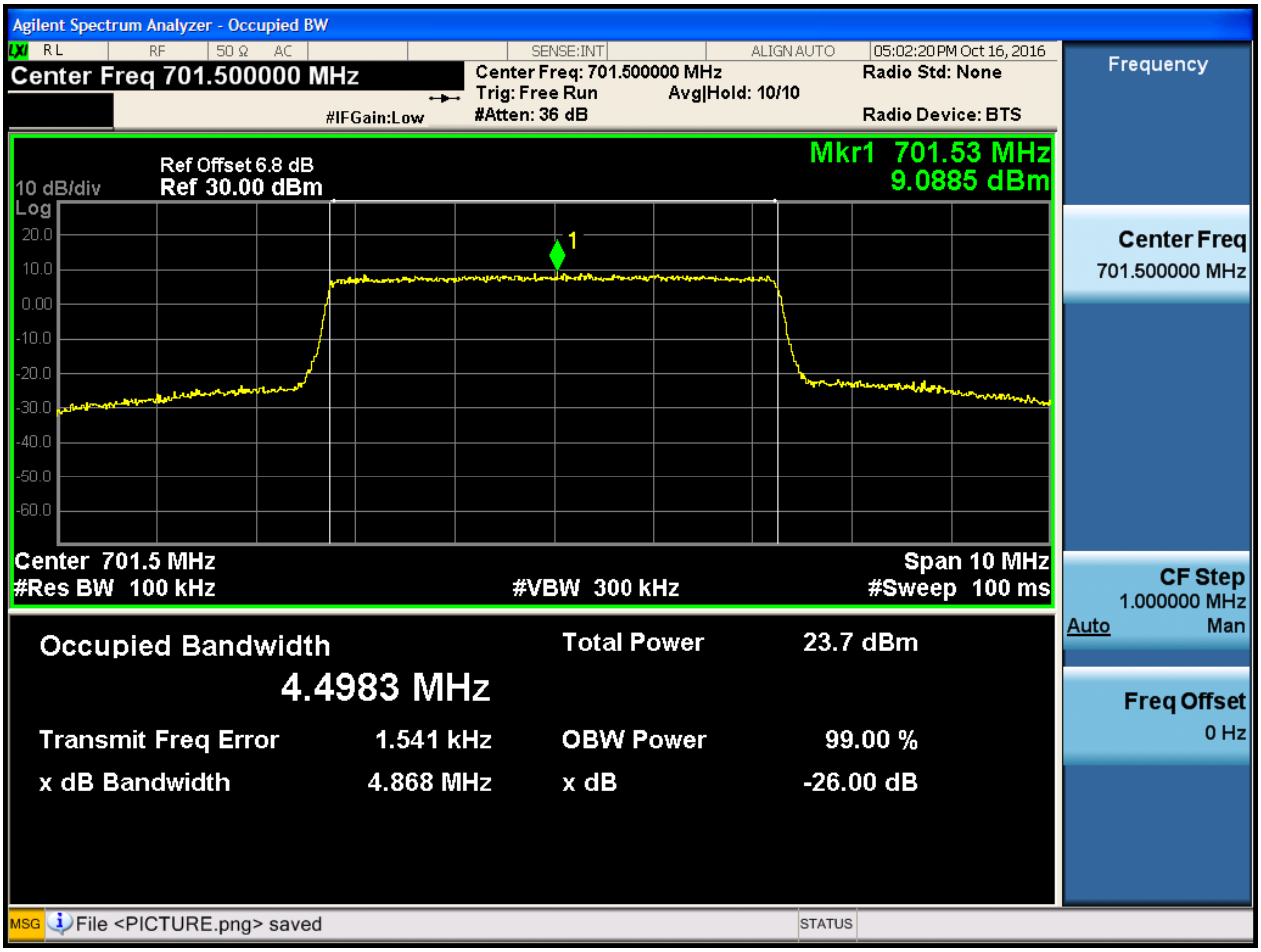
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

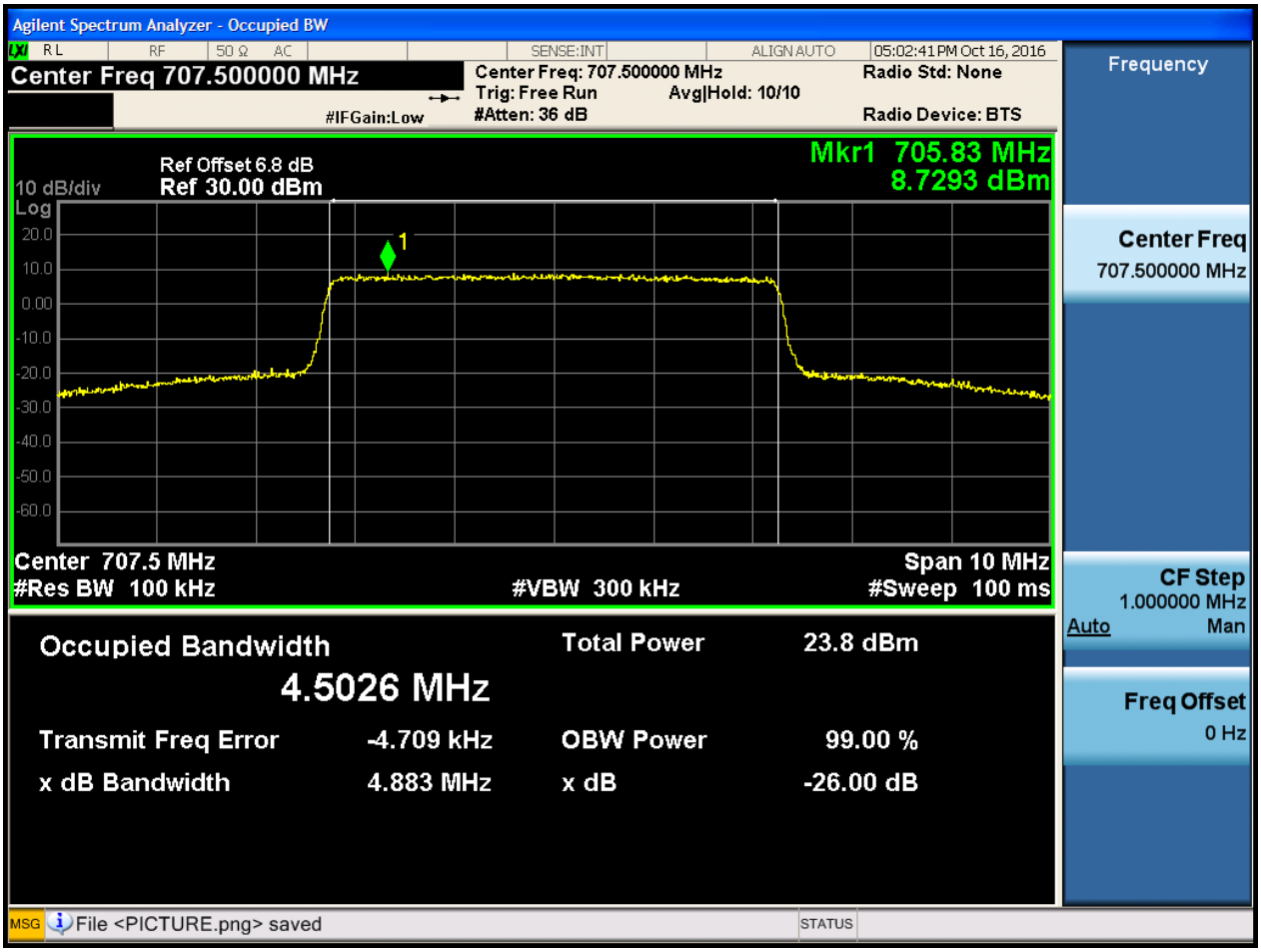
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



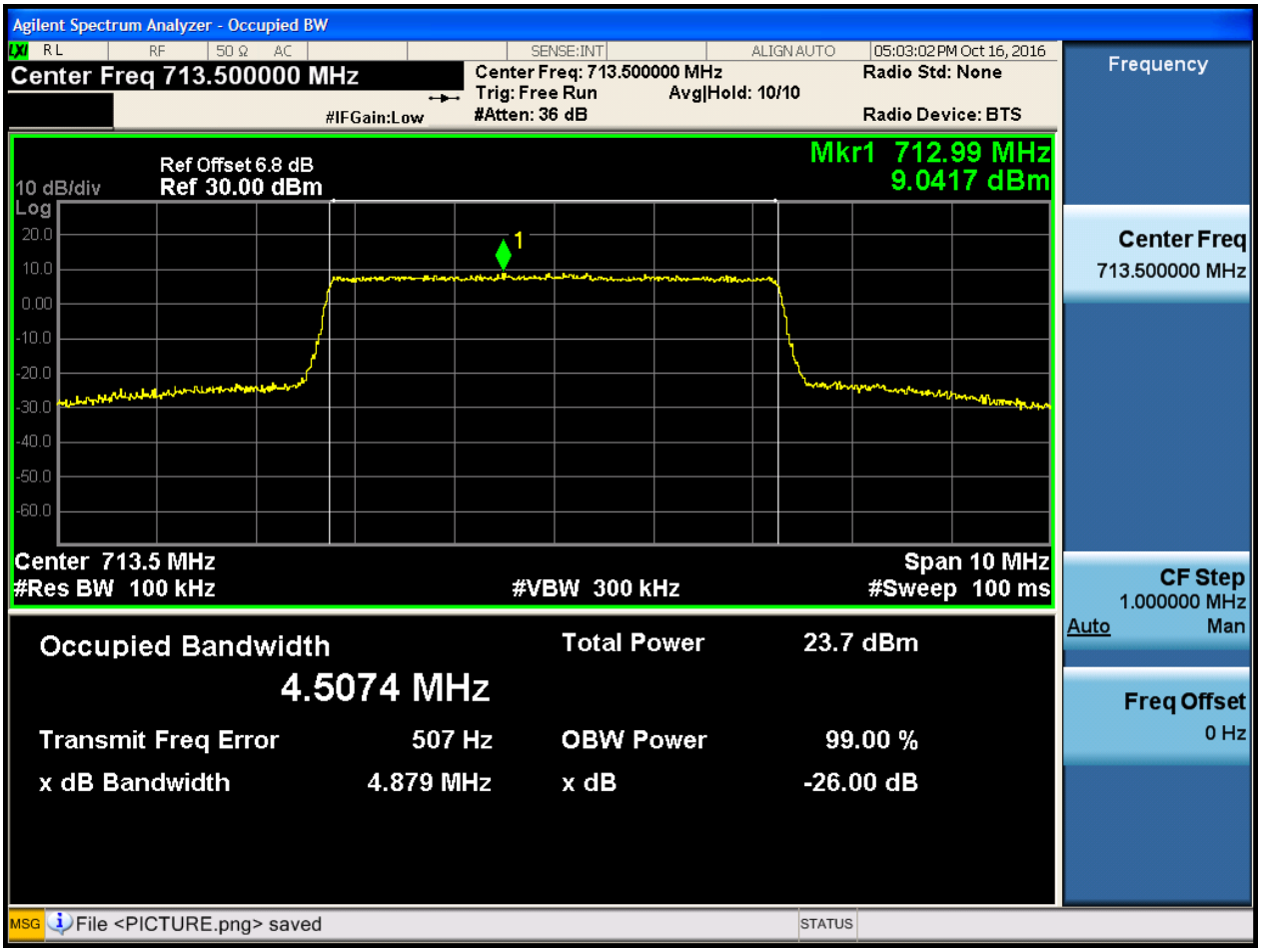
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

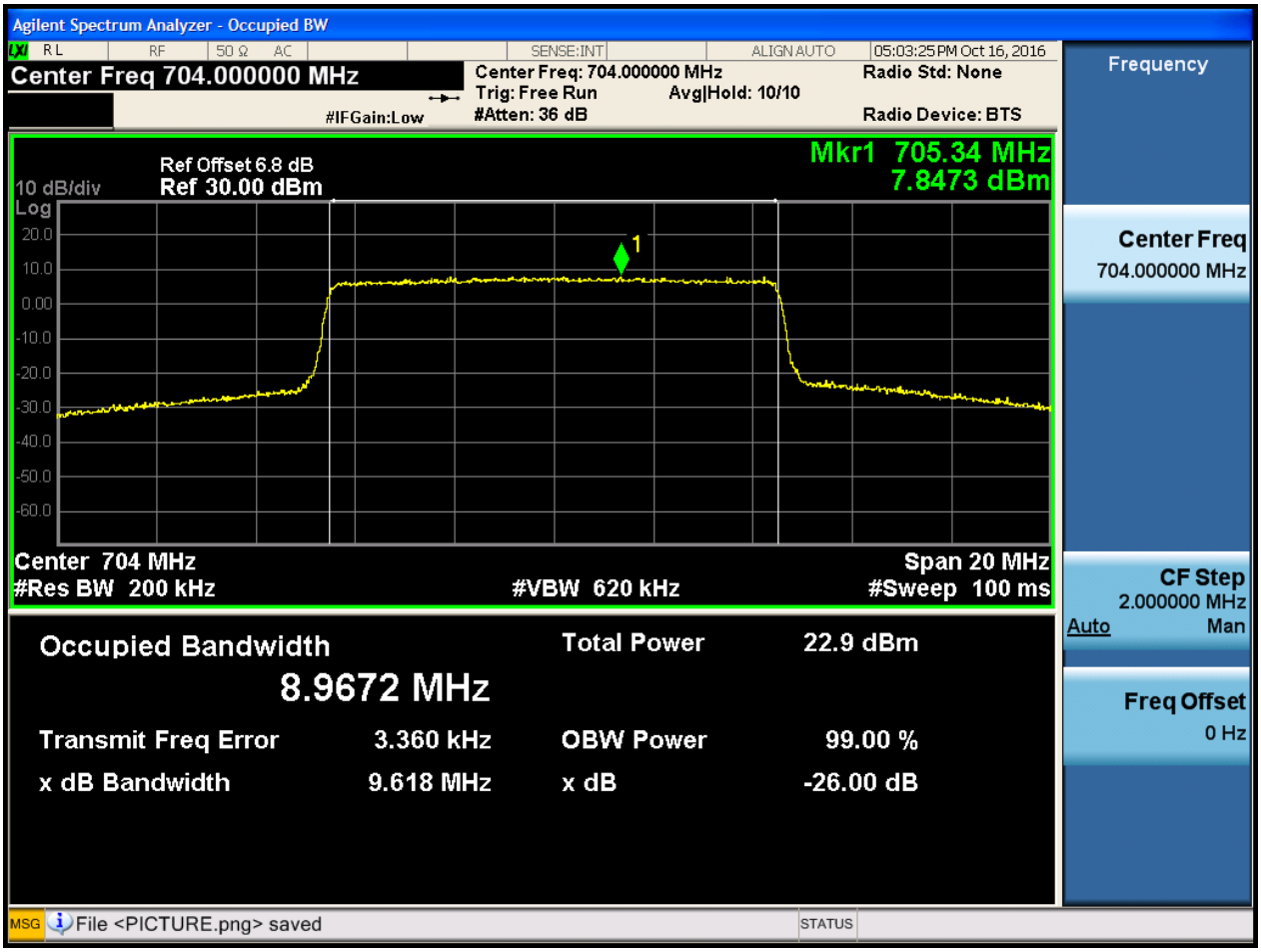
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

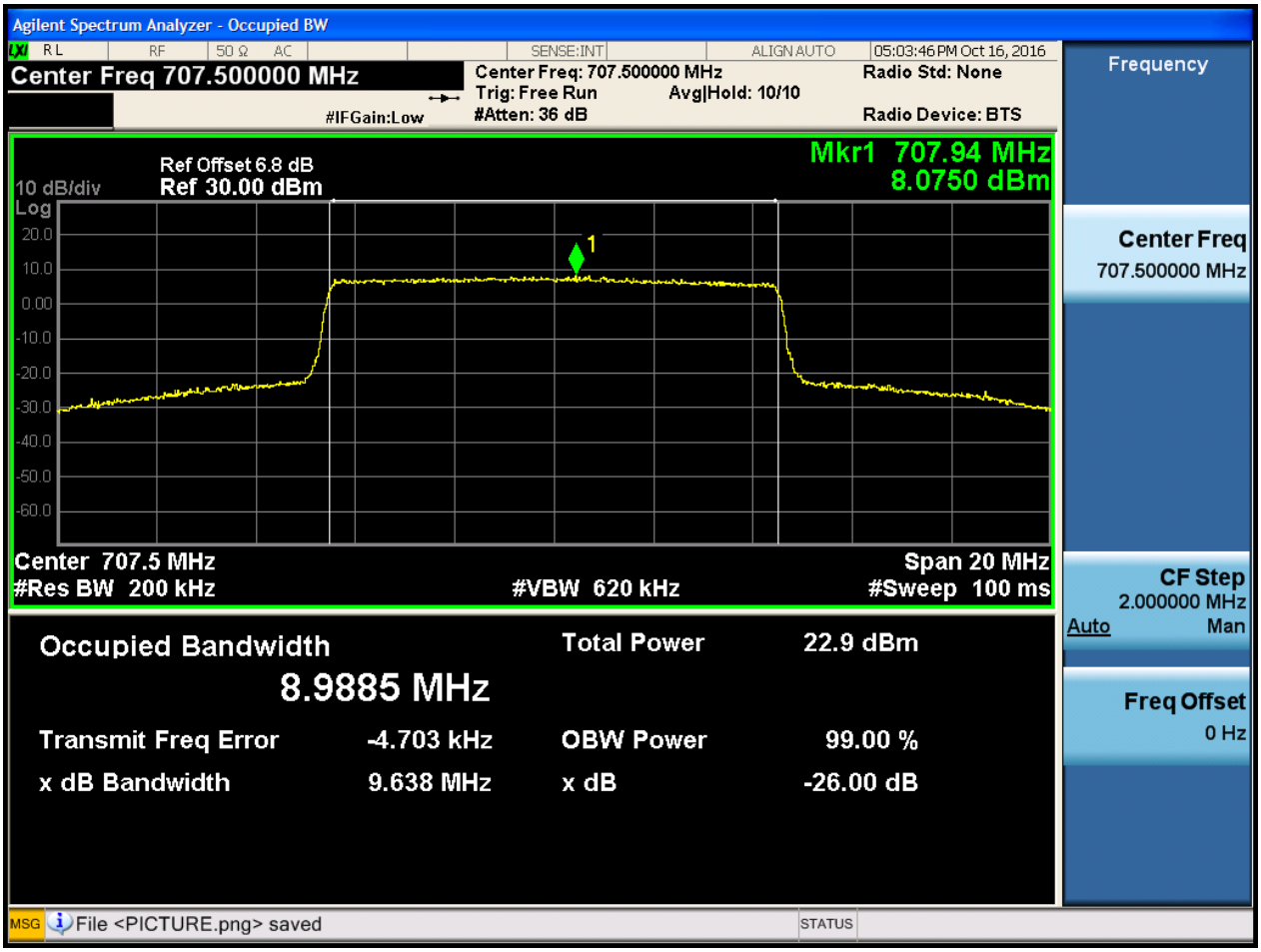
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



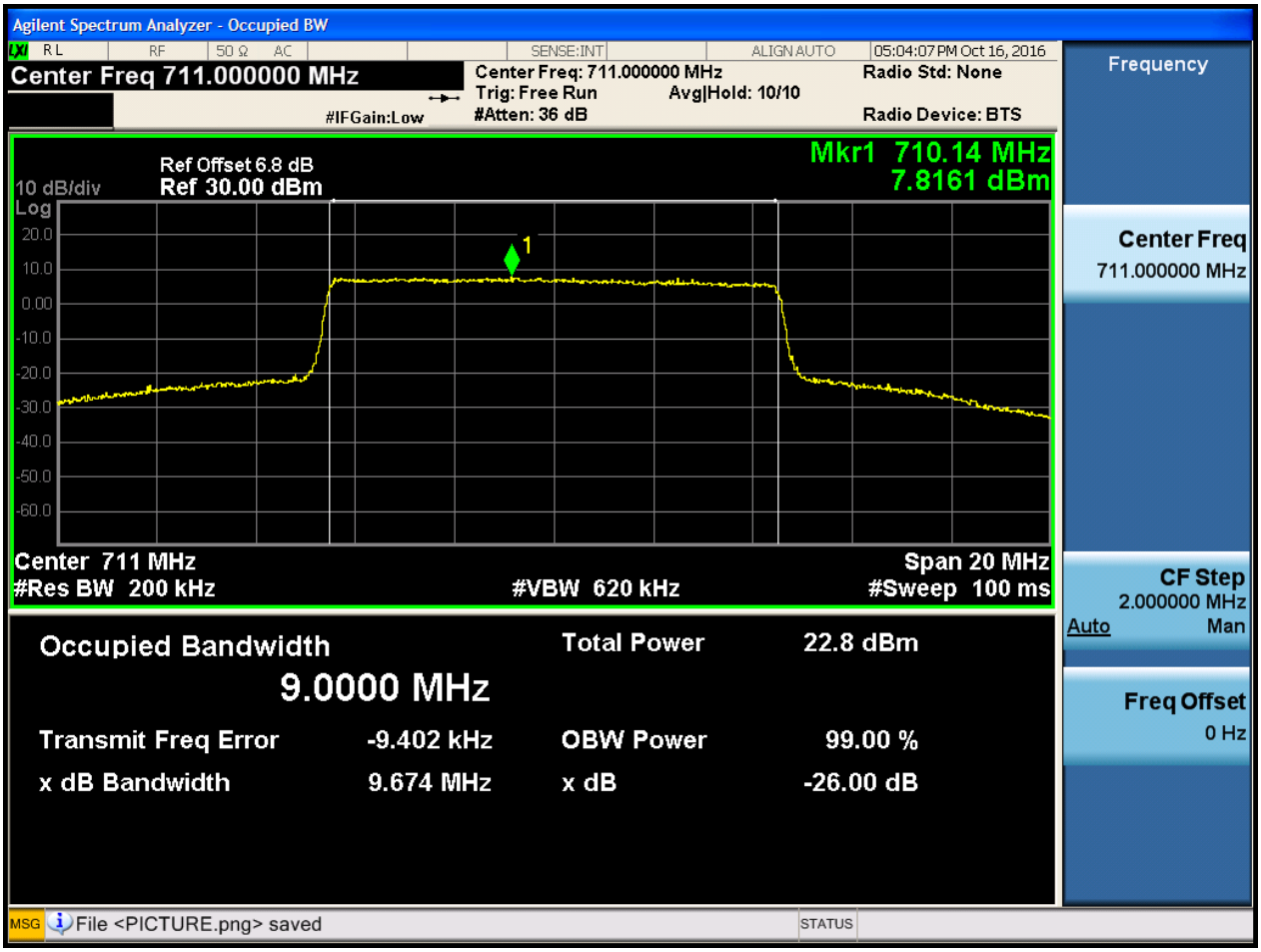
4.1.1.2.4.2 Test Channel = MCH

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

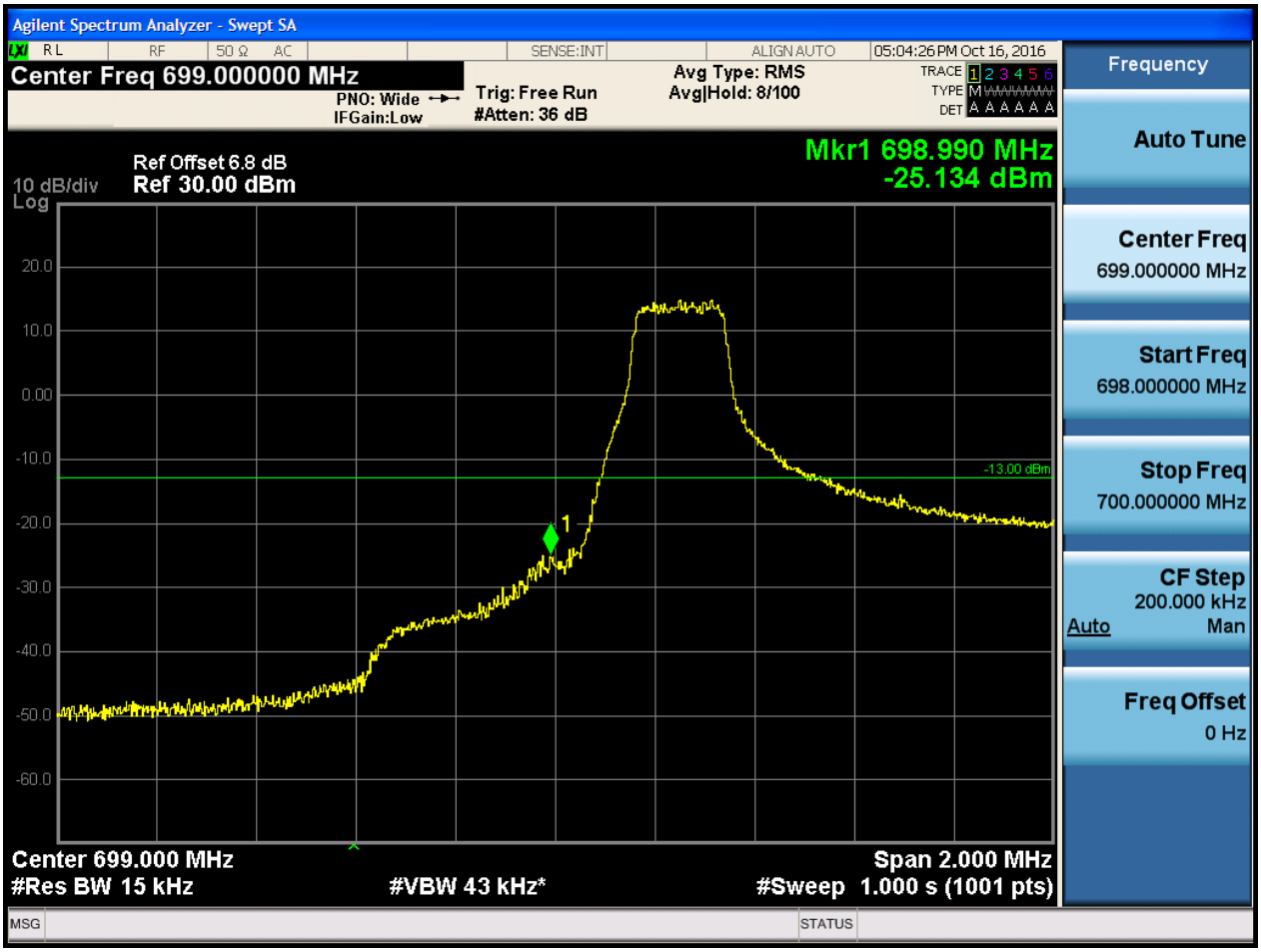
5.1.1 Test Band = BAND12

5.1.1.1 Test Mode = LTE/TM1

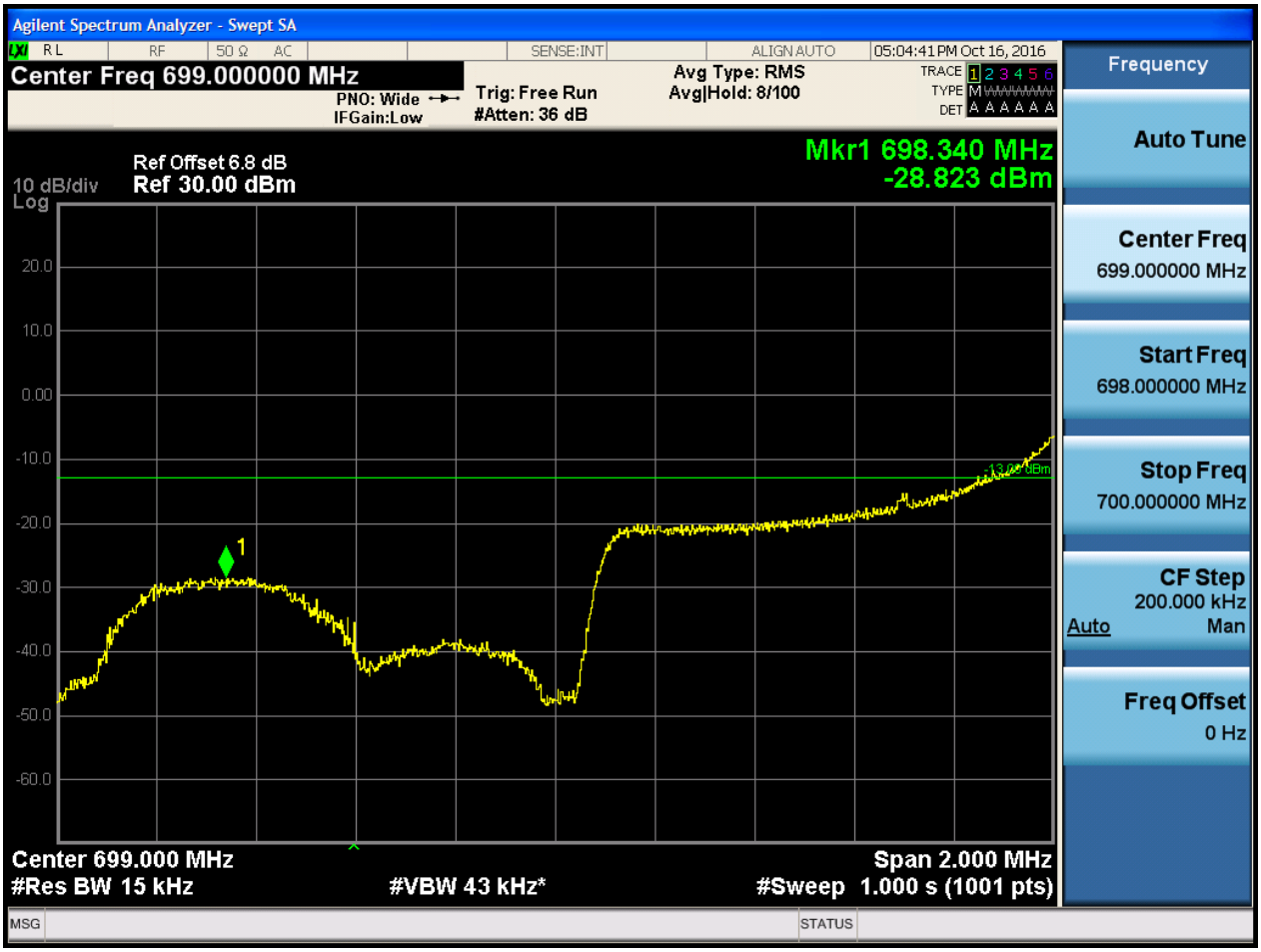
5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

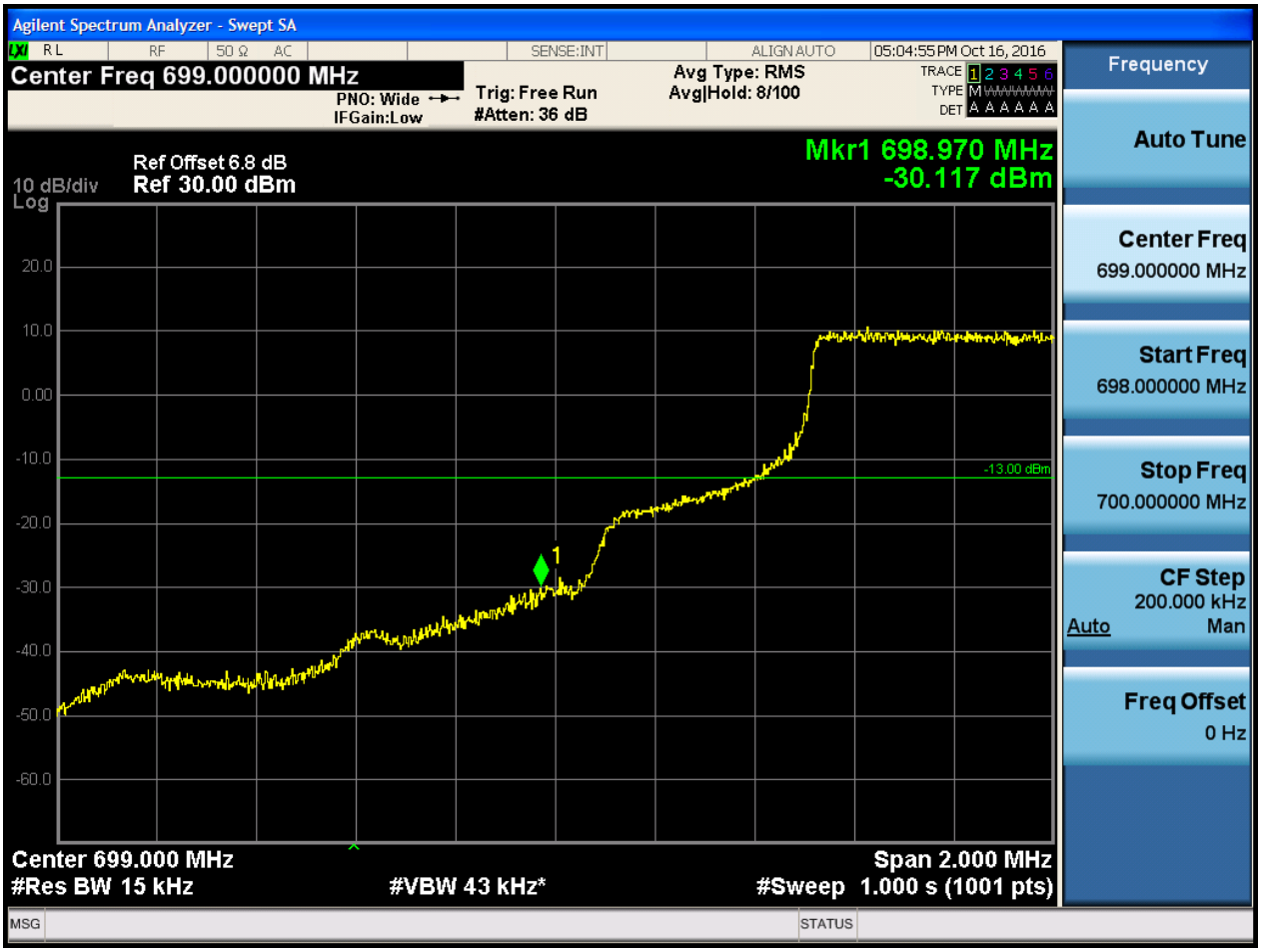
5.1.1.1.1.1.1 Test RB = RB1#0



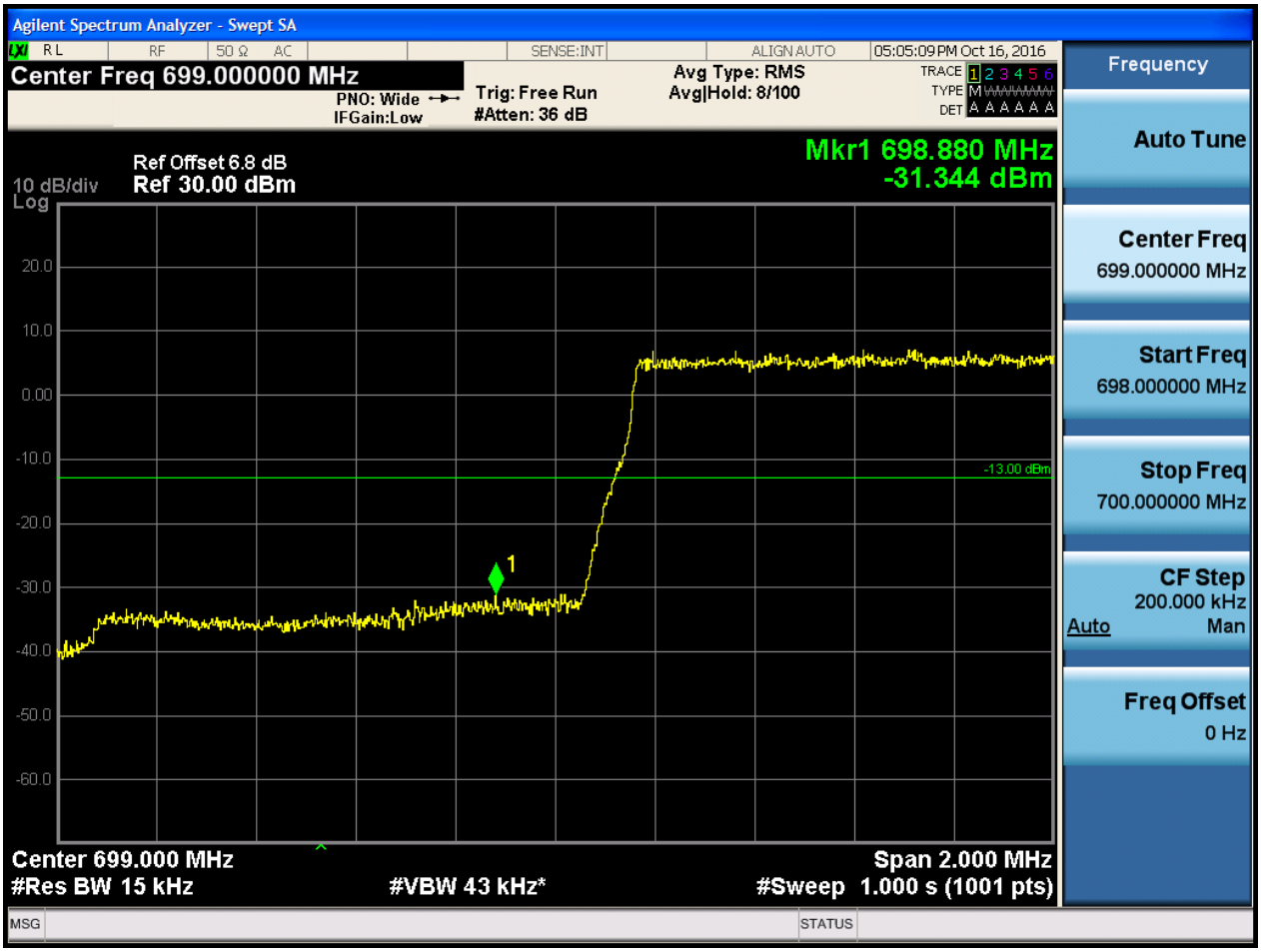
5.1.1.1.1.1.2 Test RB = RB1#5



5.1.1.1.1.1.3 Test RB = RB3#2



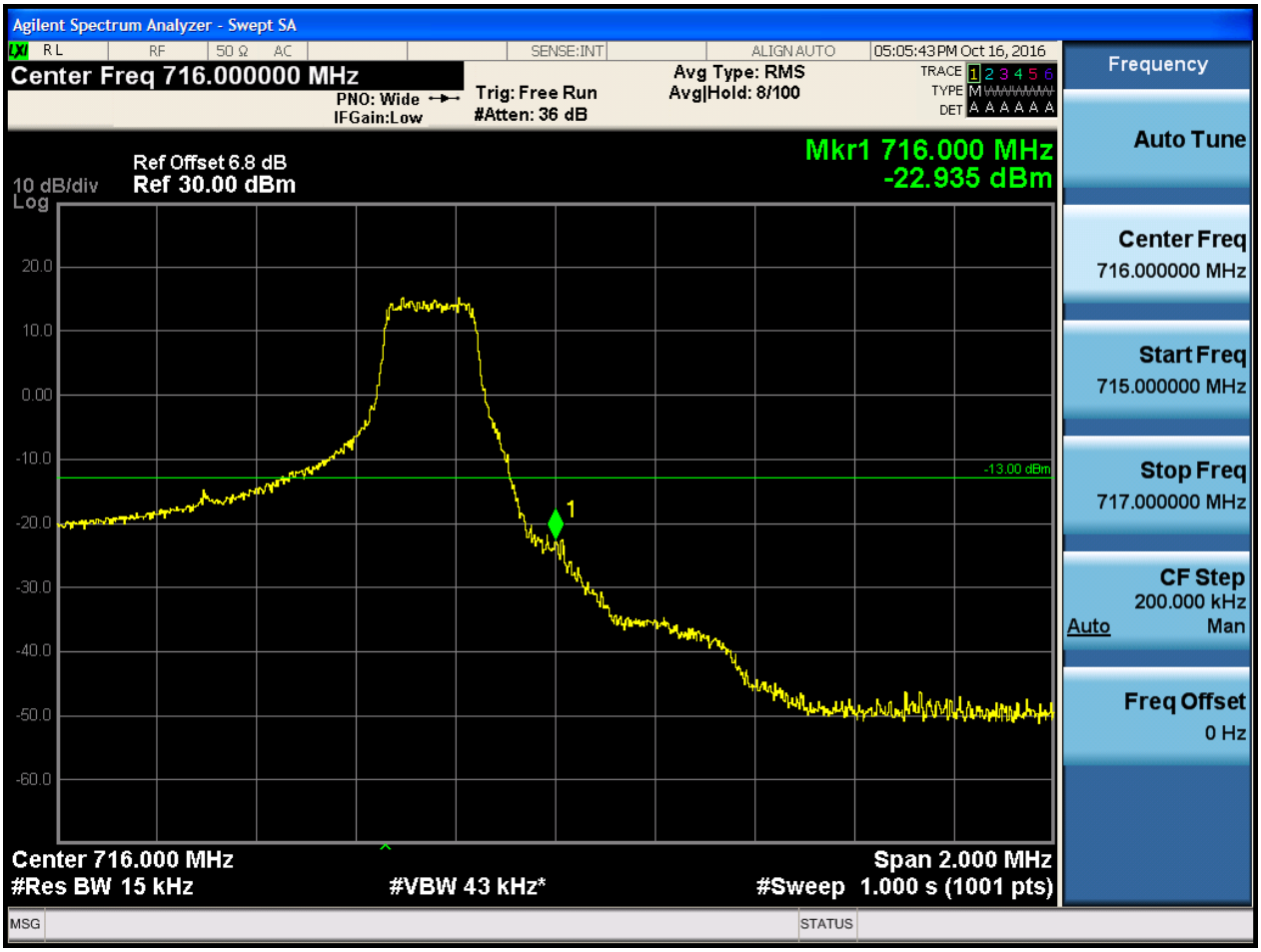
5.1.1.1.1.1.4 Test RB = RB6#0



5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0

5.1.1.1.1.2.2 Test RB = RB1#5



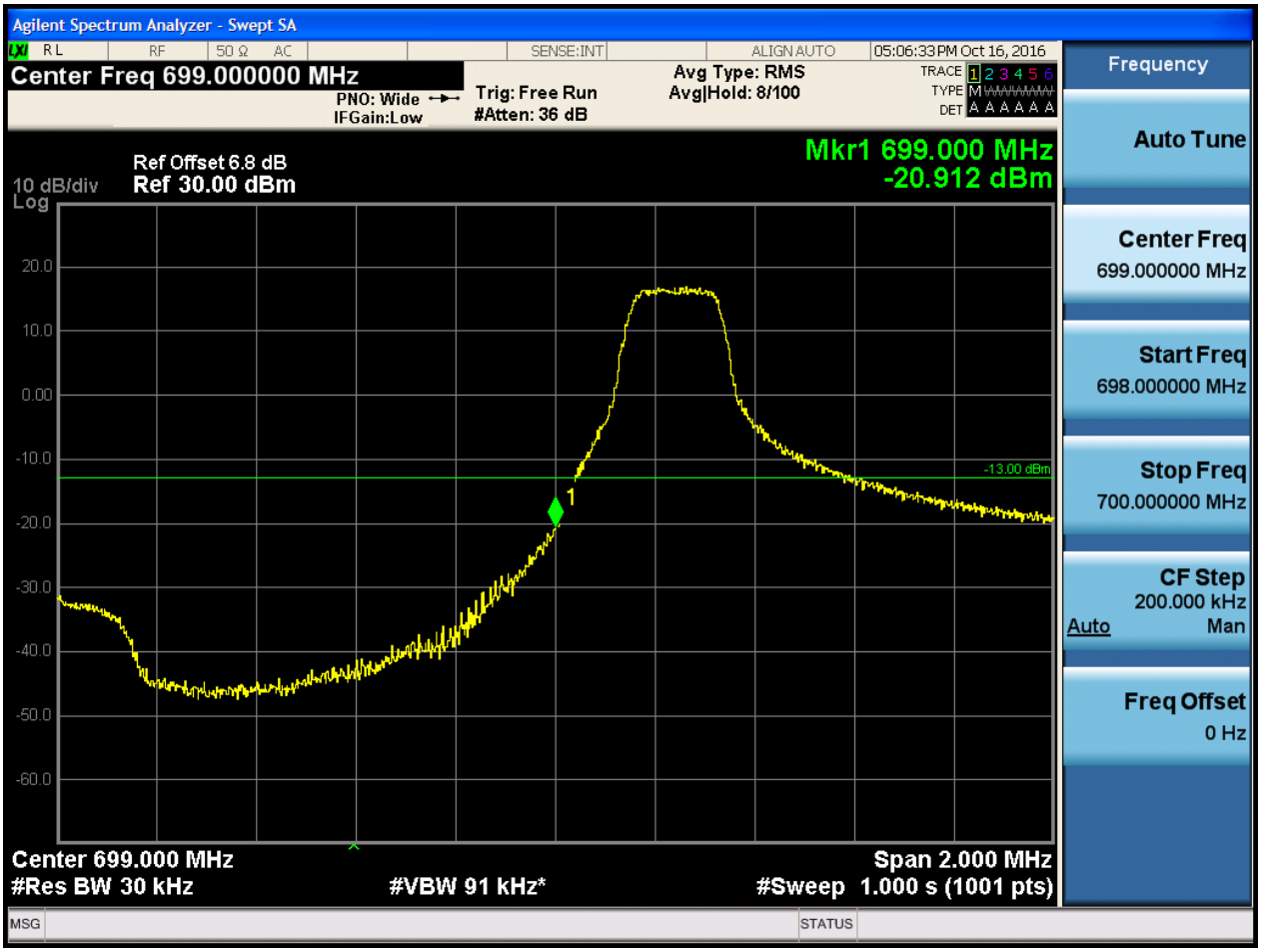
5.1.1.1.1.2.3 Test RB = RB3#2

5.1.1.1.1.2.4 Test RB = RB6#0

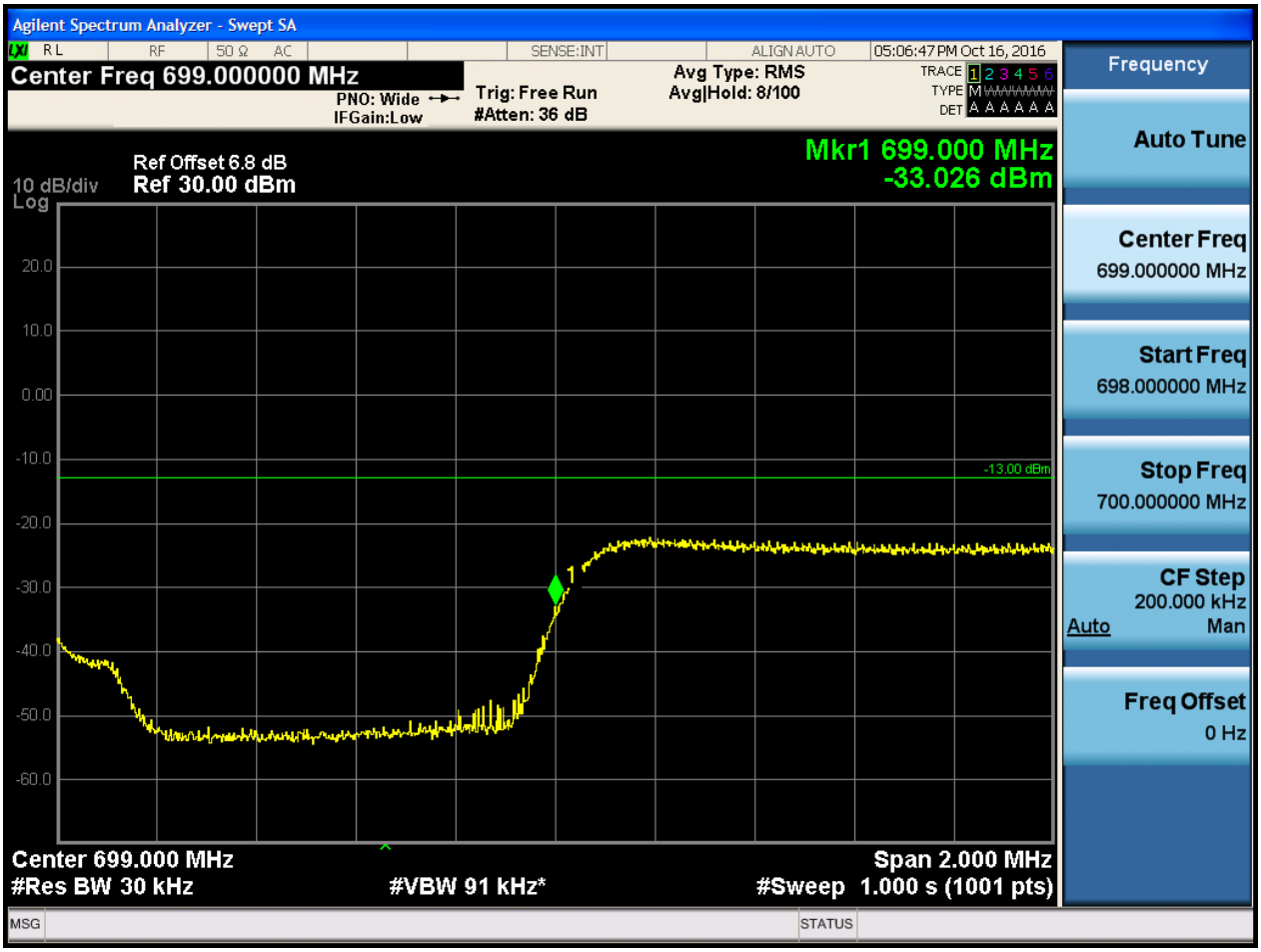
5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

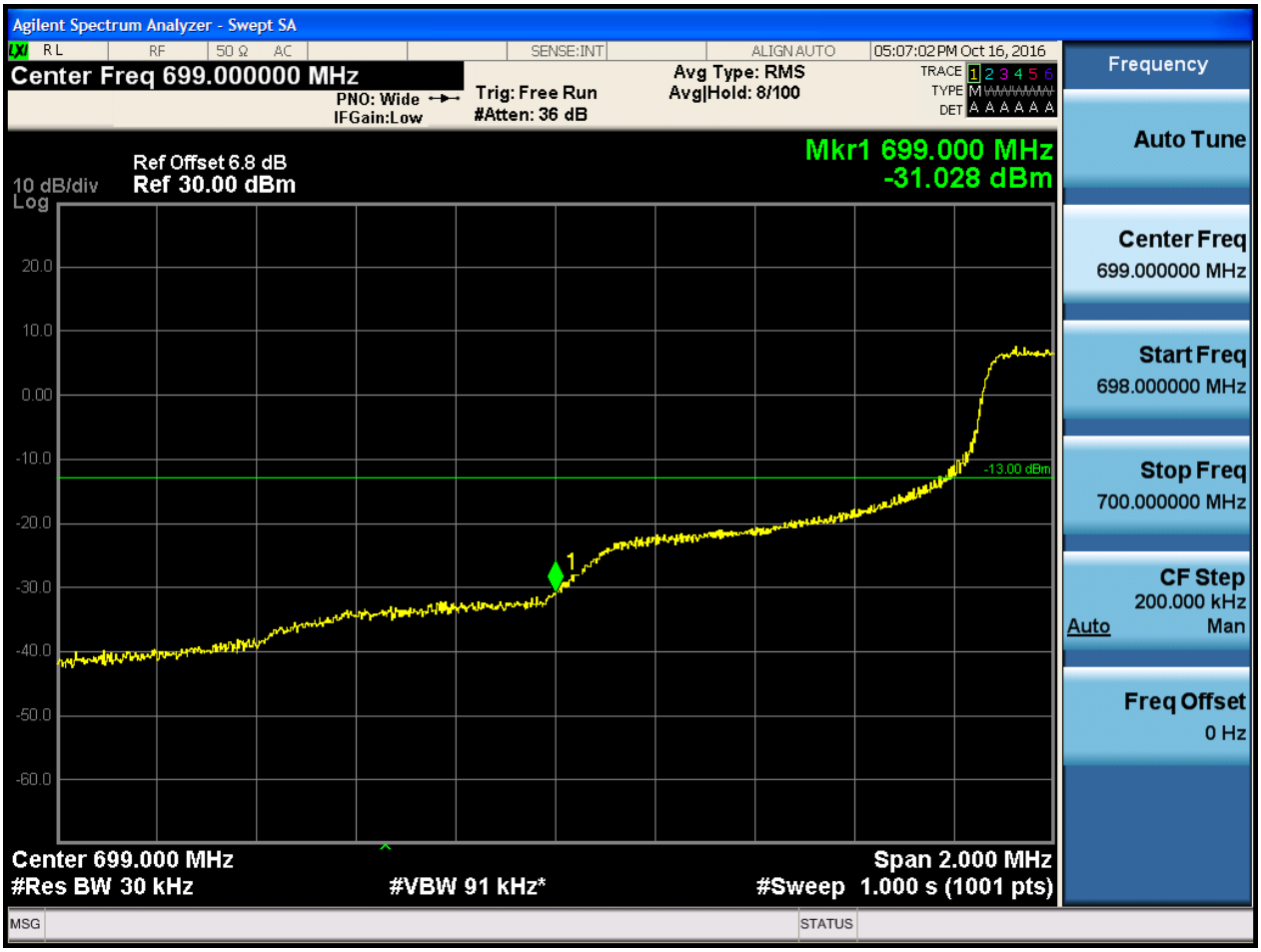
5.1.1.1.2.1.1 Test RB = RB1#0



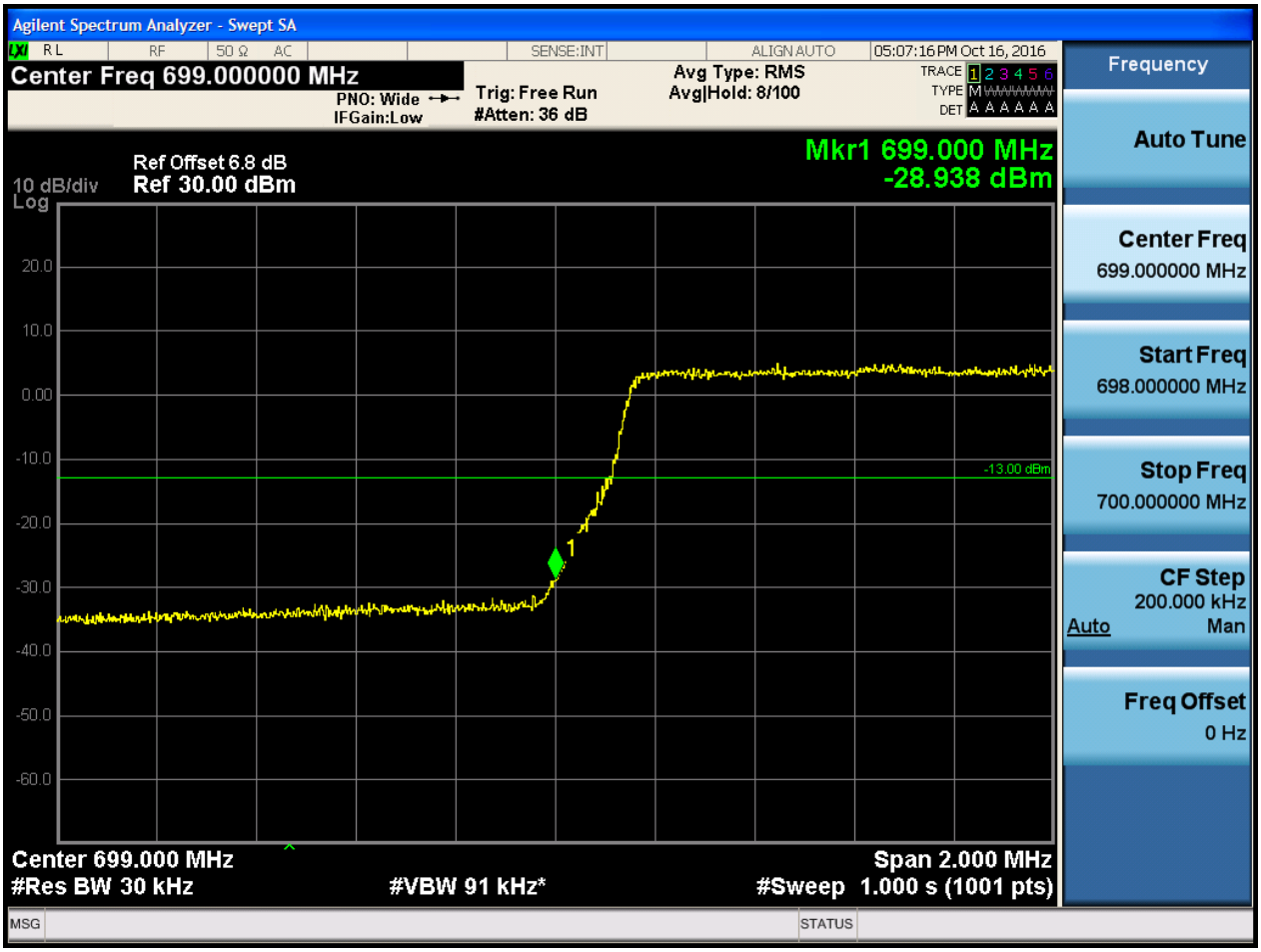
5.1.1.1.2.1.2 Test RB = RB1#14



5.1.1.1.2.1.3 Test RB = RB8#4

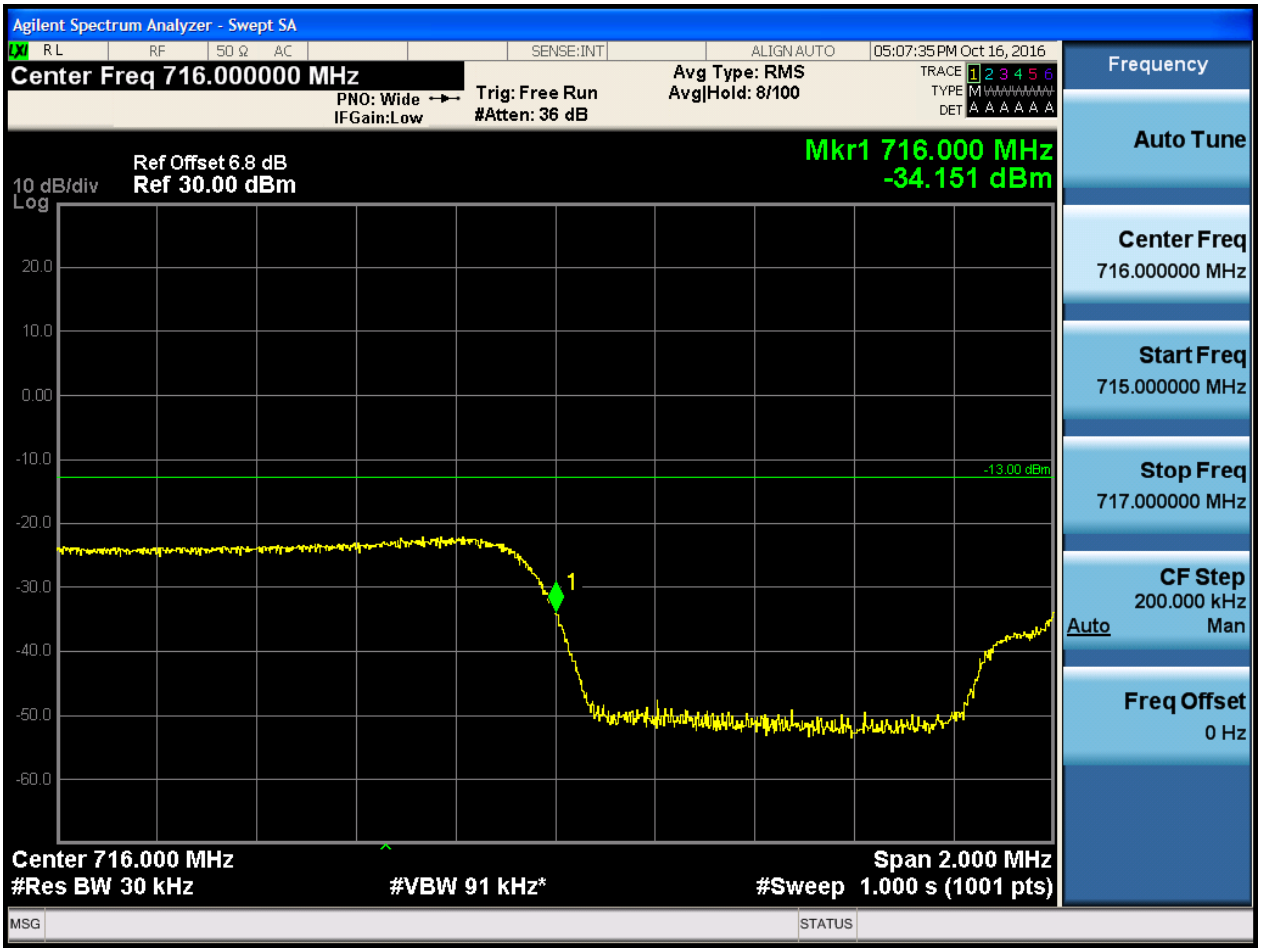


5.1.1.1.2.1.4 Test RB = RB15#0

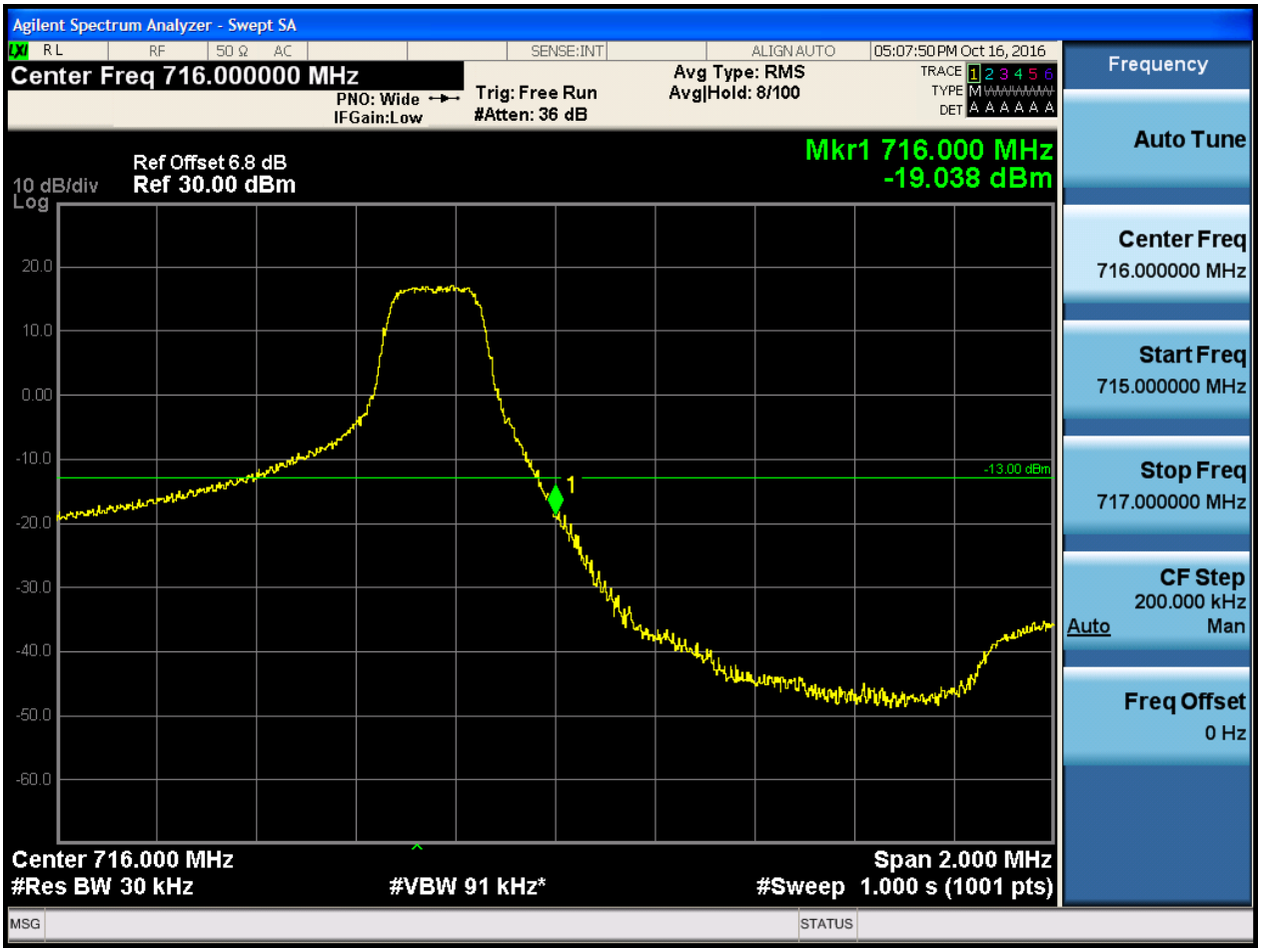


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#14



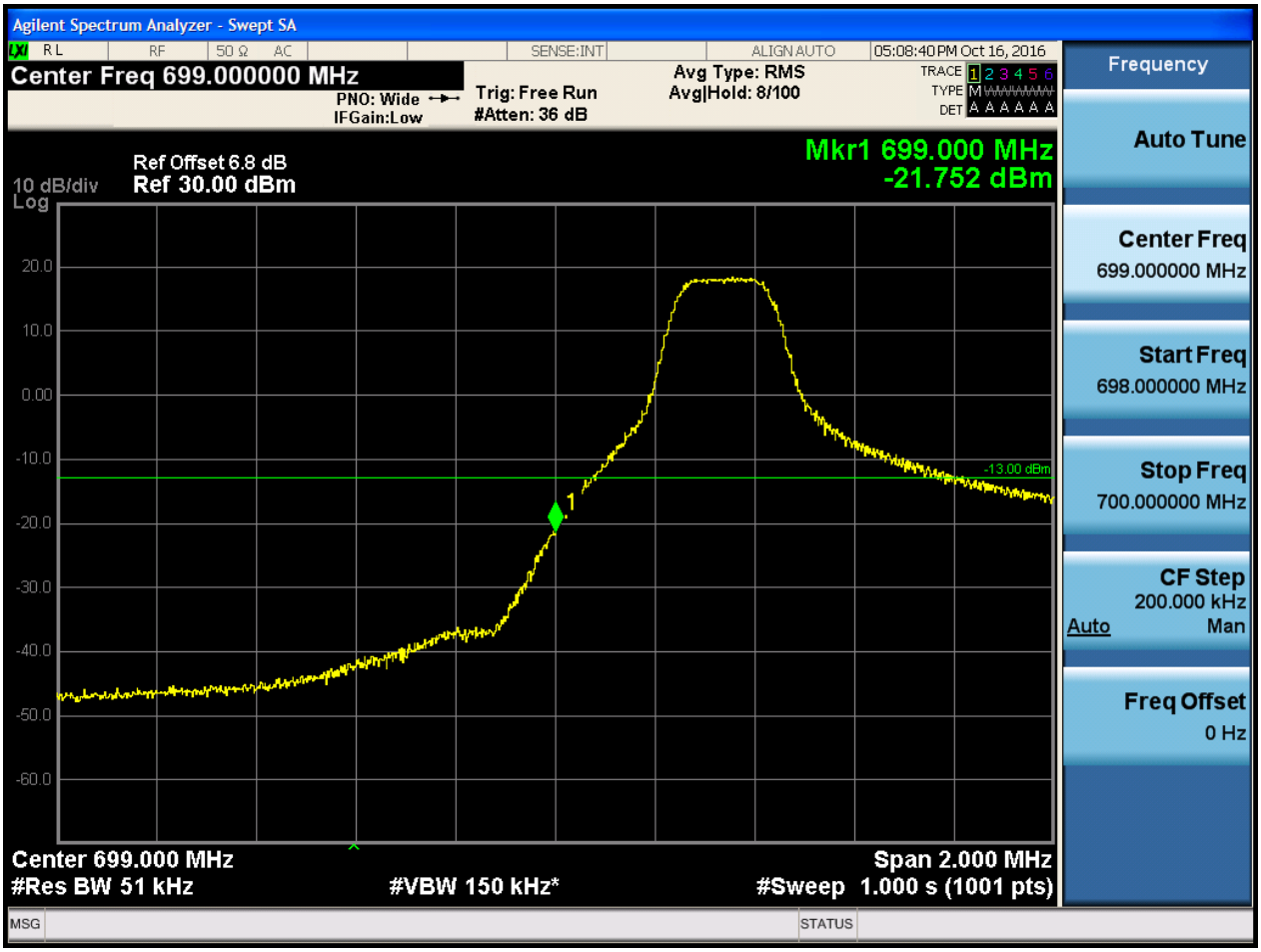
5.1.1.1.2.2.3 Test RB = RB8#4

5.1.1.1.2.2.4 Test RB = RB15#0

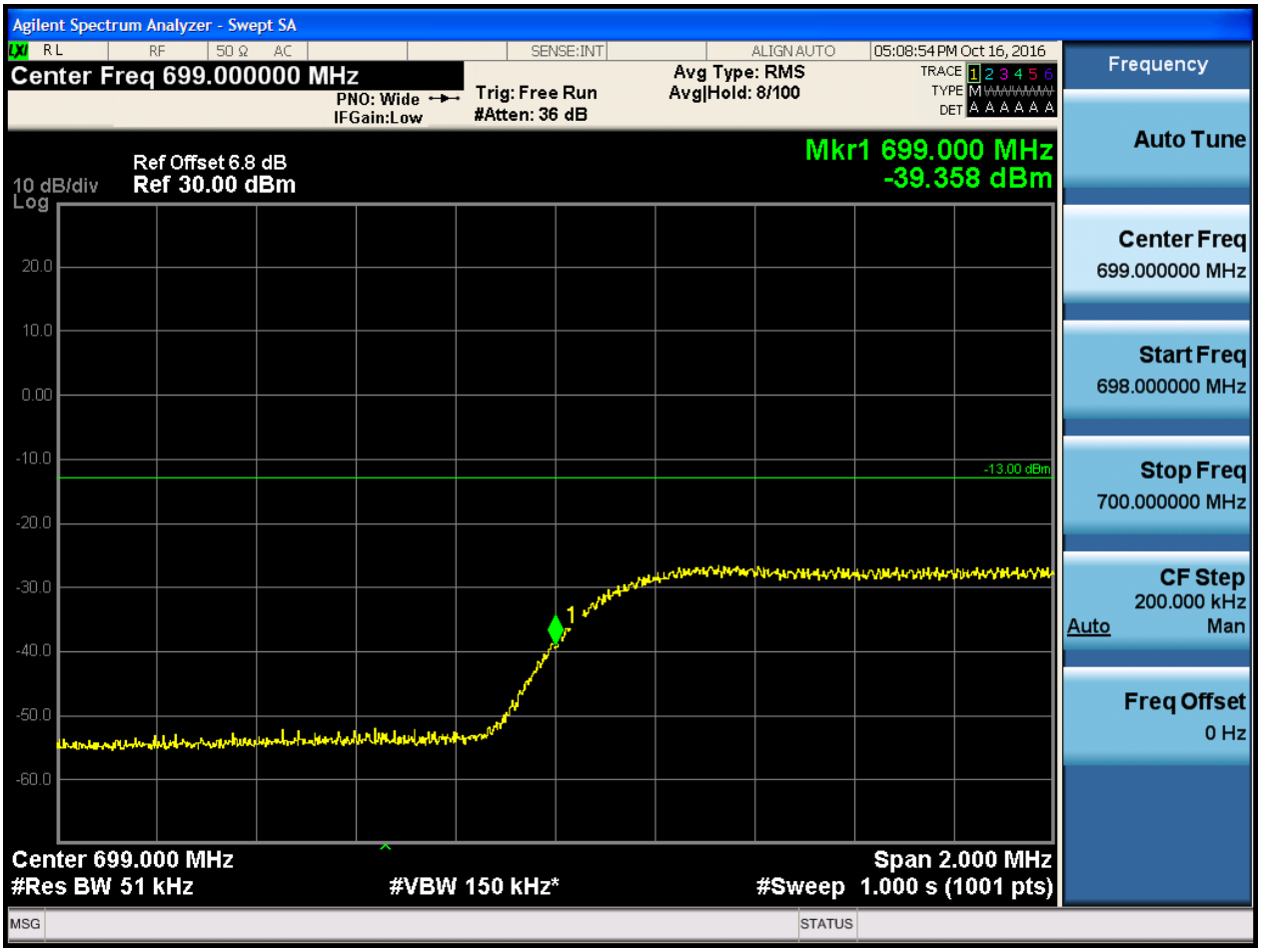
5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

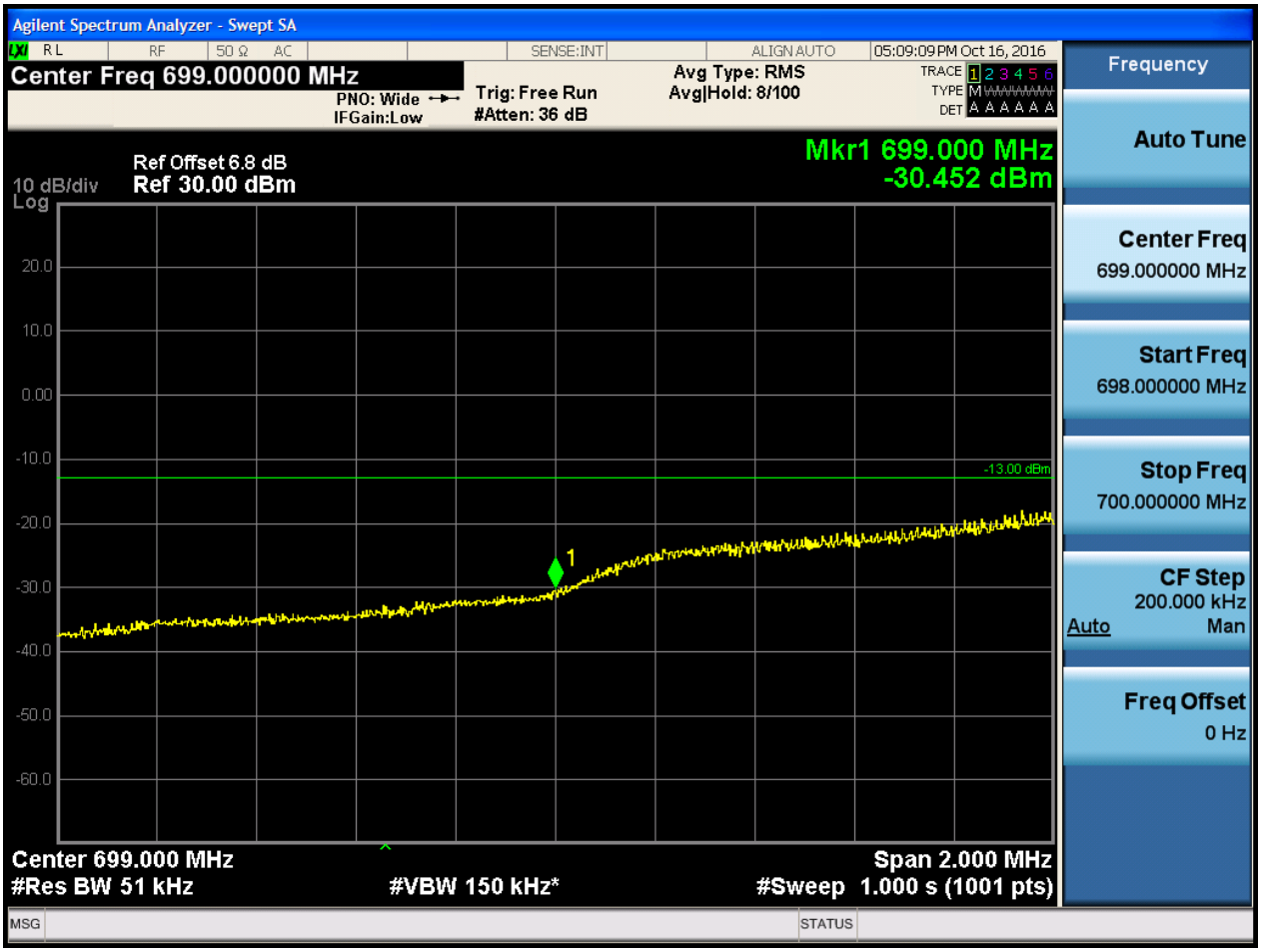
5.1.1.1.3.1.1 Test RB = RB1#0



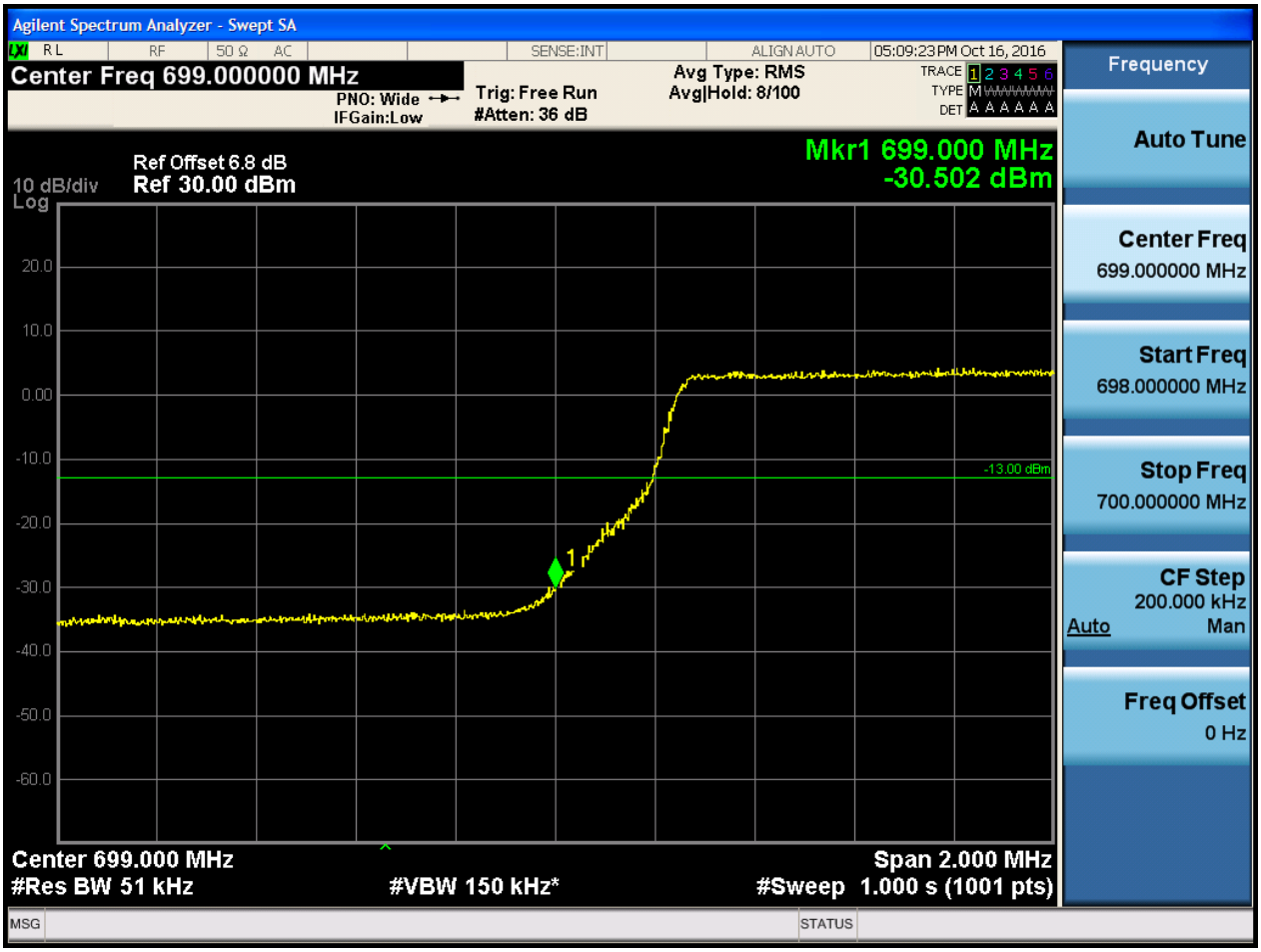
5.1.1.1.3.1.2 Test RB = RB1#24



5.1.1.1.3.1.3 Test RB = RB12#6

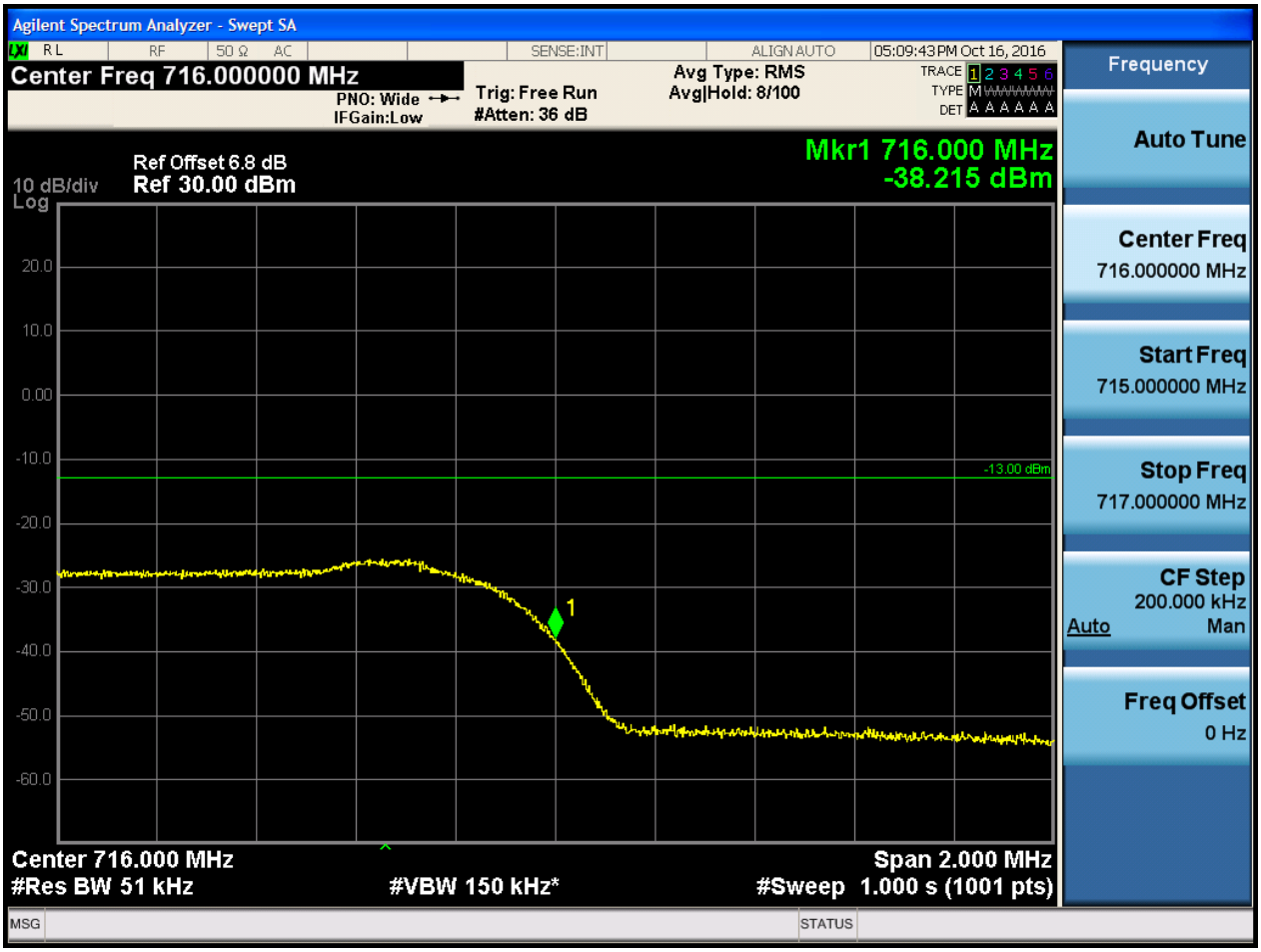


5.1.1.1.3.1.4 Test RB = RB25#0

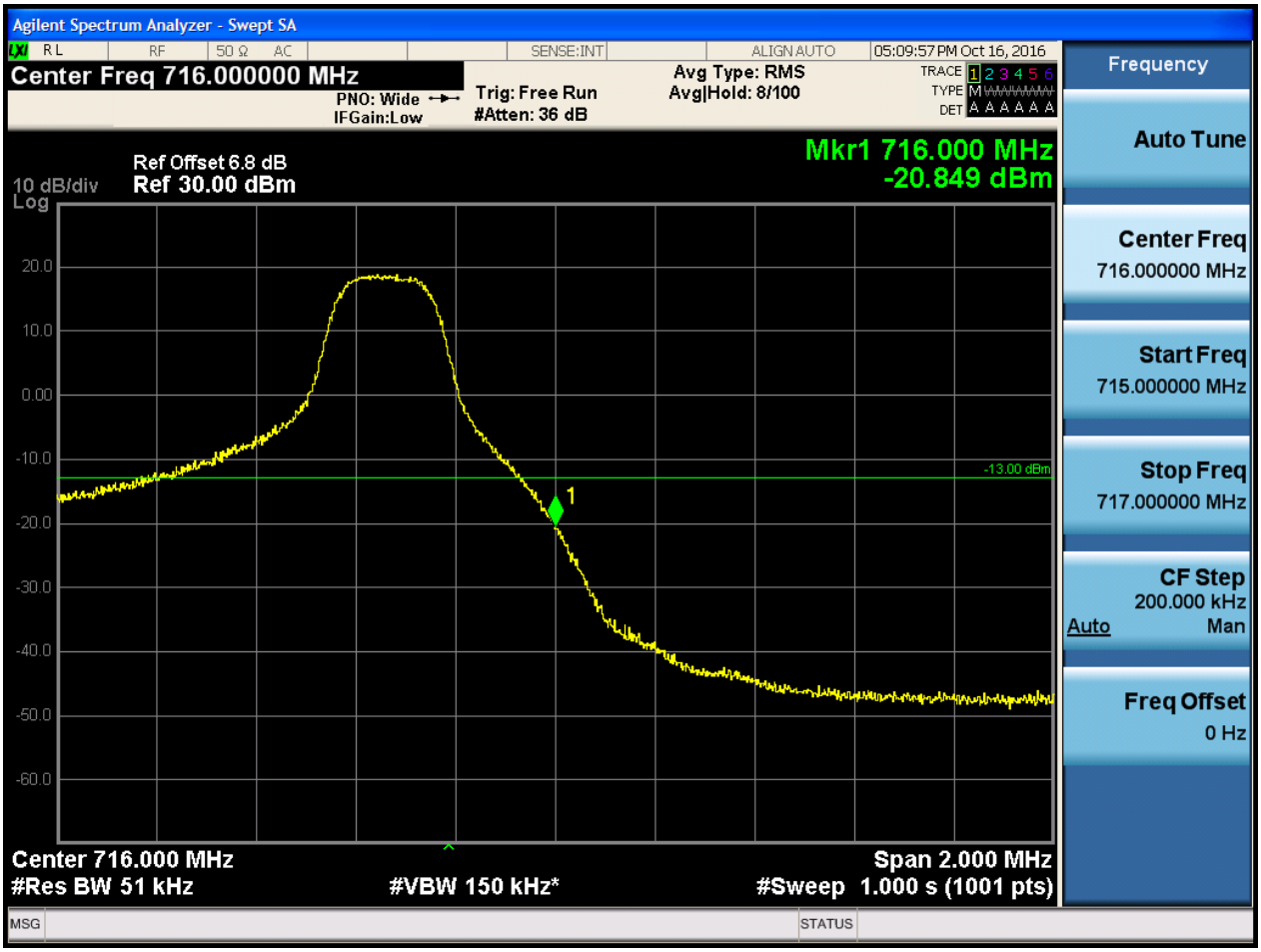


5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0

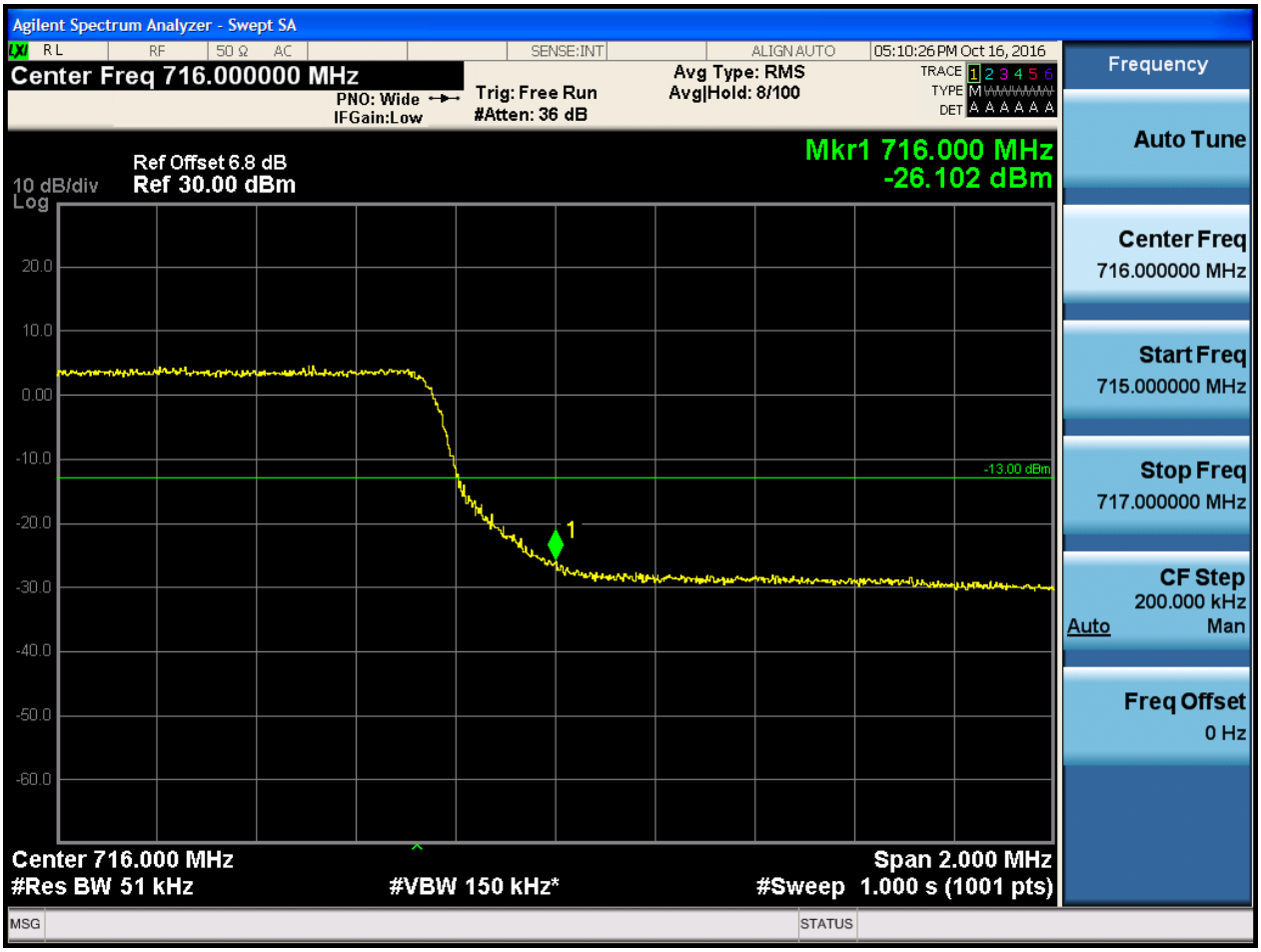


5.1.1.1.3.2.2 Test RB = RB1#24



5.1.1.1.3.2.3 Test RB = RB12#6

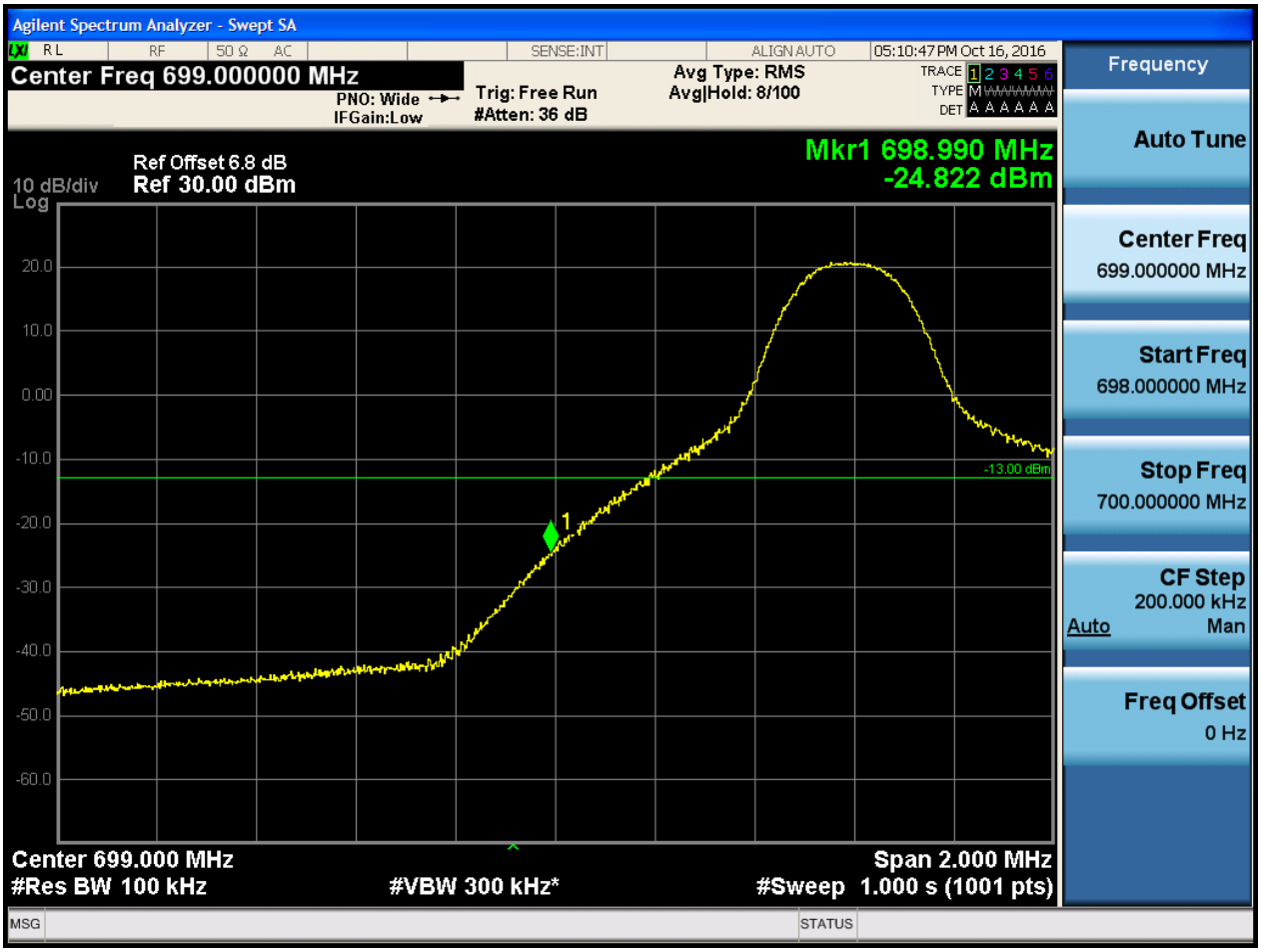
5.1.1.1.3.2.4 Test RB = RB25#0



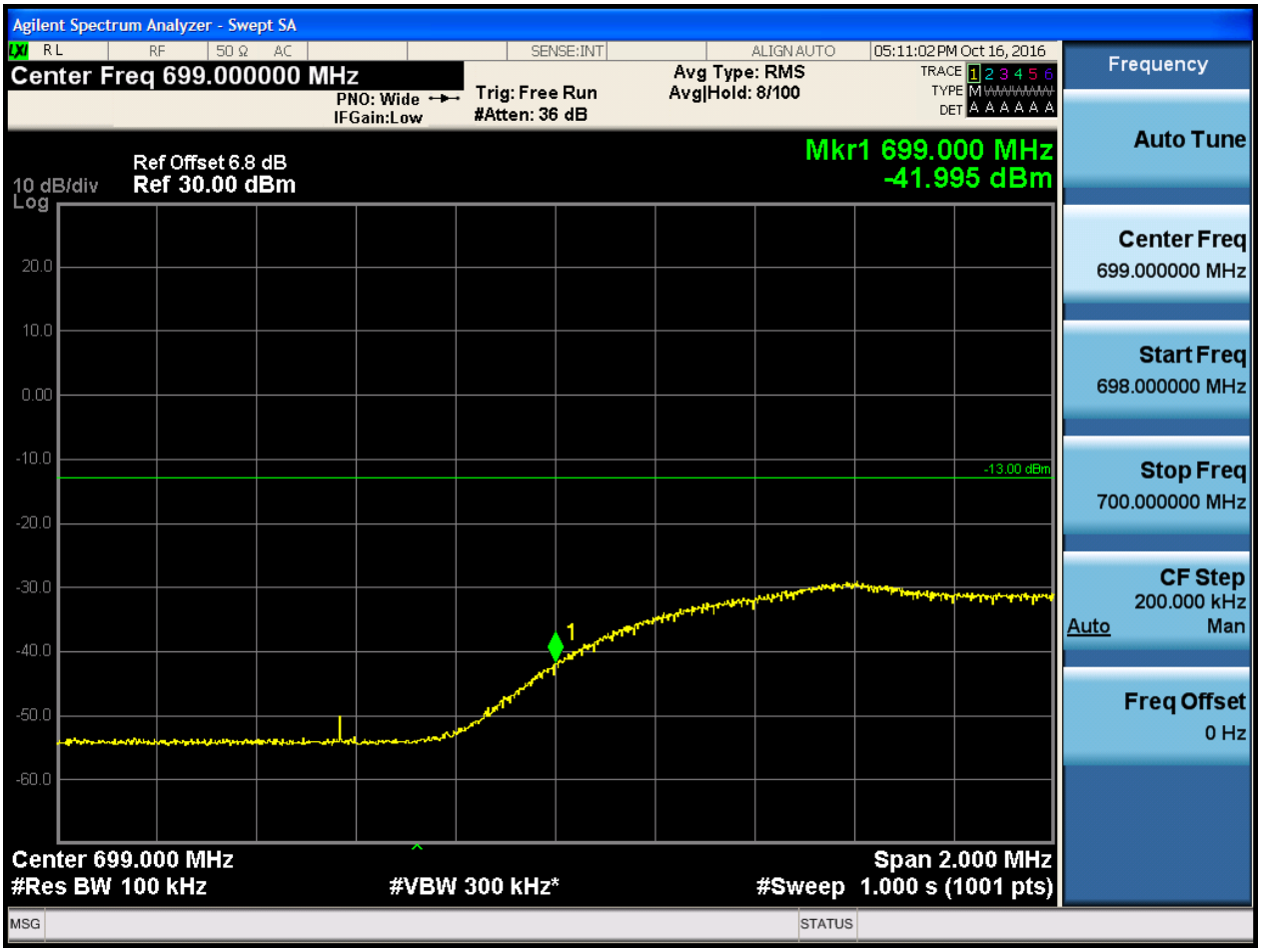
5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0

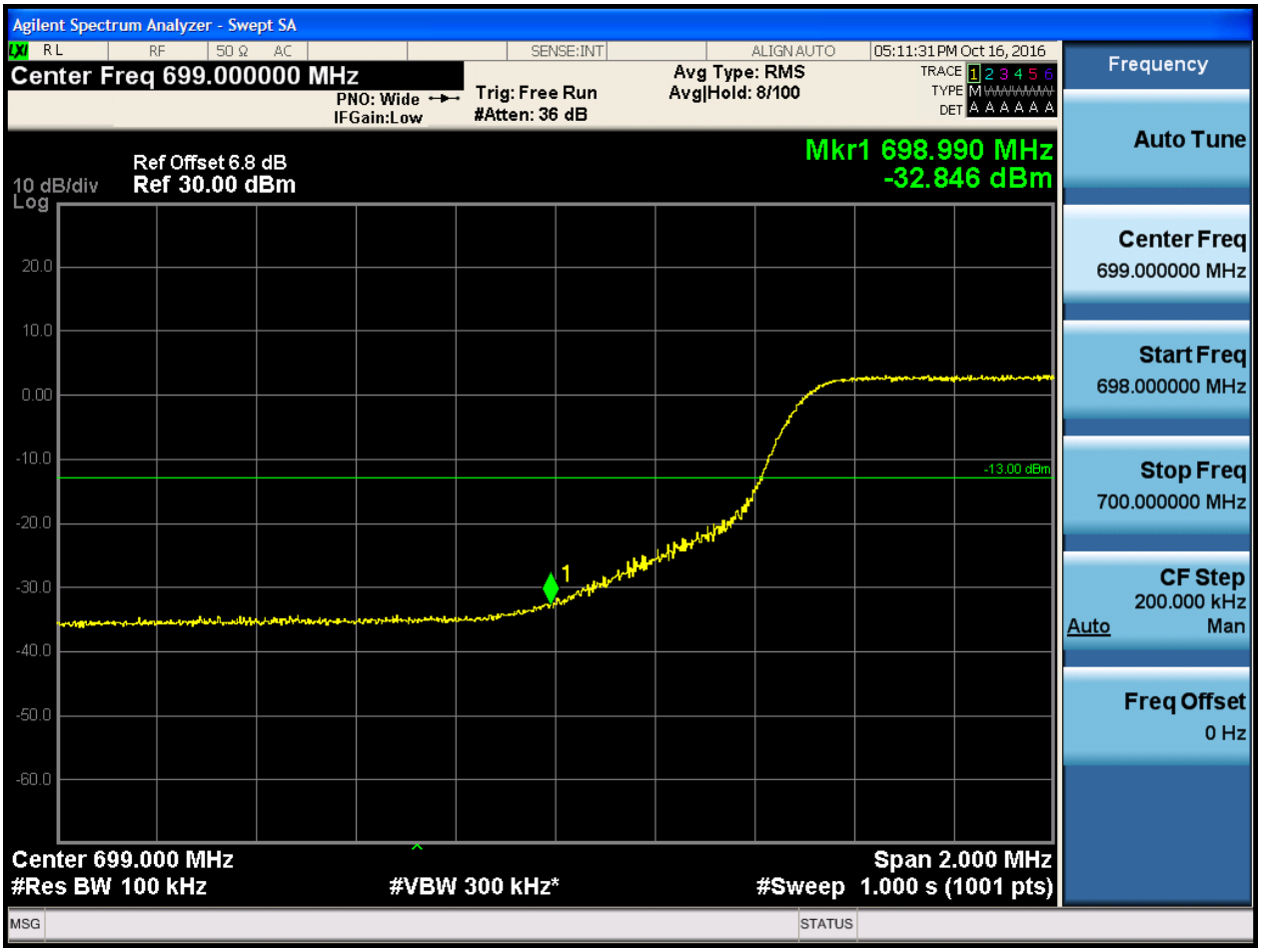


5.1.1.1.4.1.2 Test RB = RB1#49



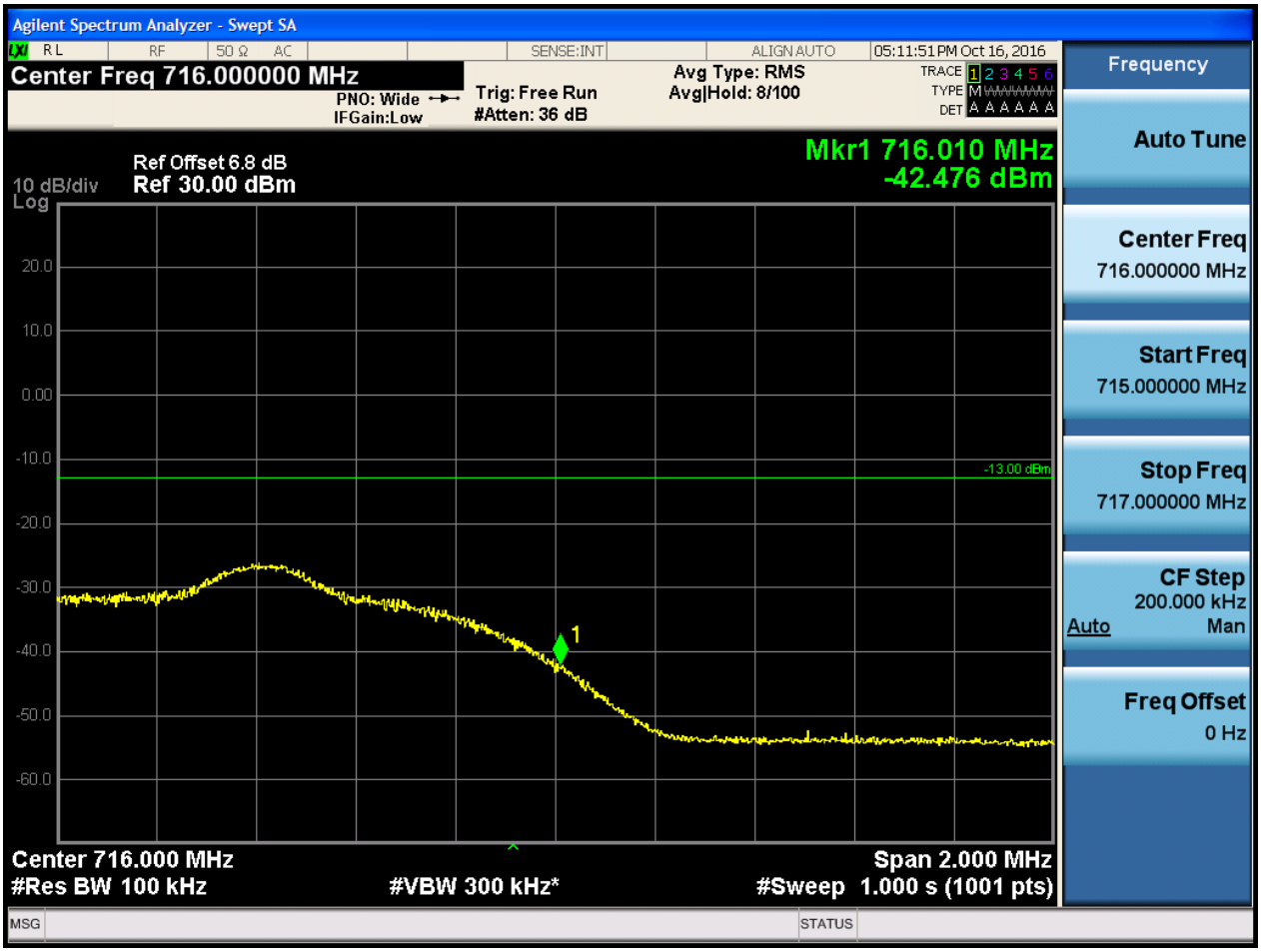
5.1.1.1.4.1.3 Test RB = RB25#13

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

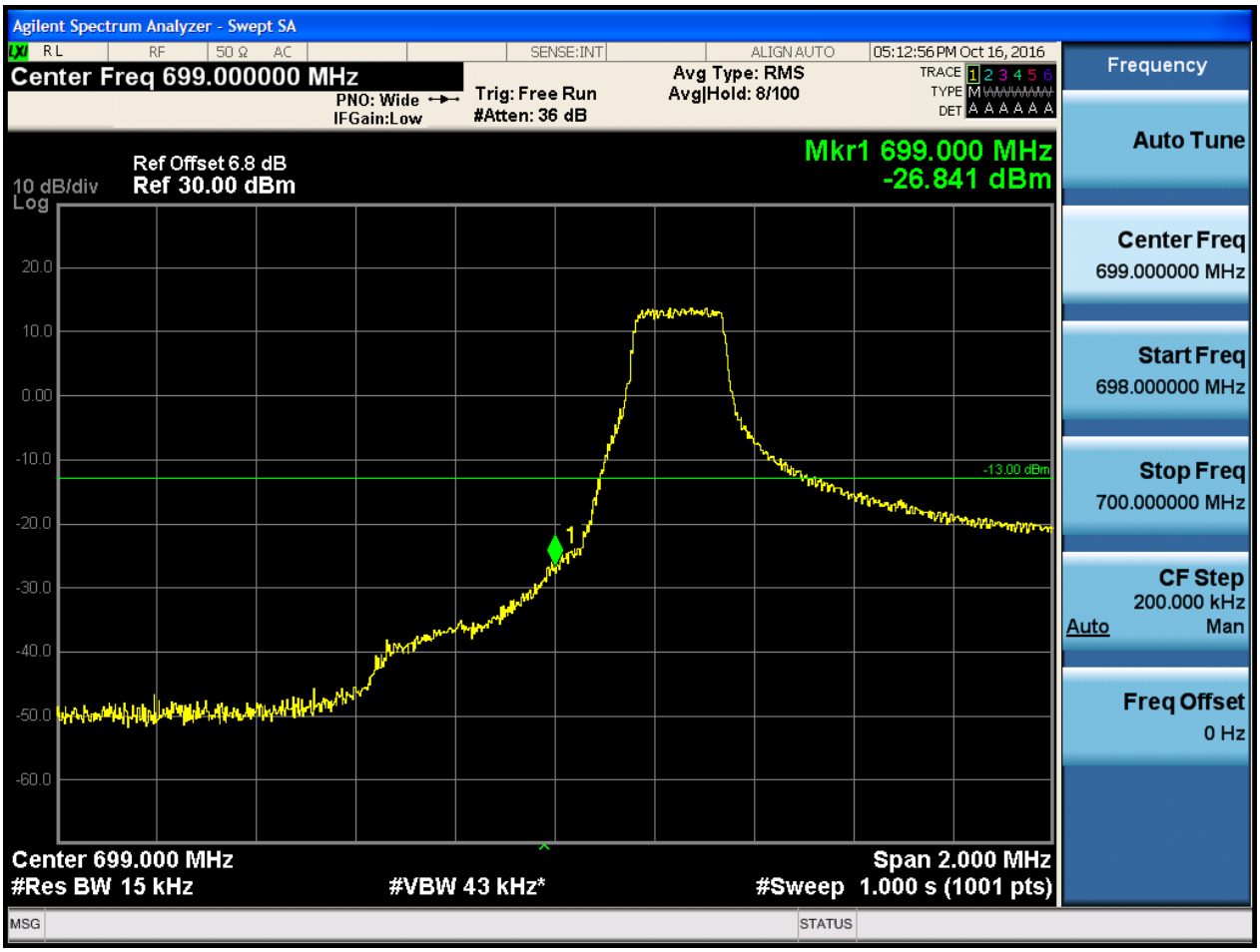
5.1.1.1.4.2.4 Test RB = RB50#0

5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

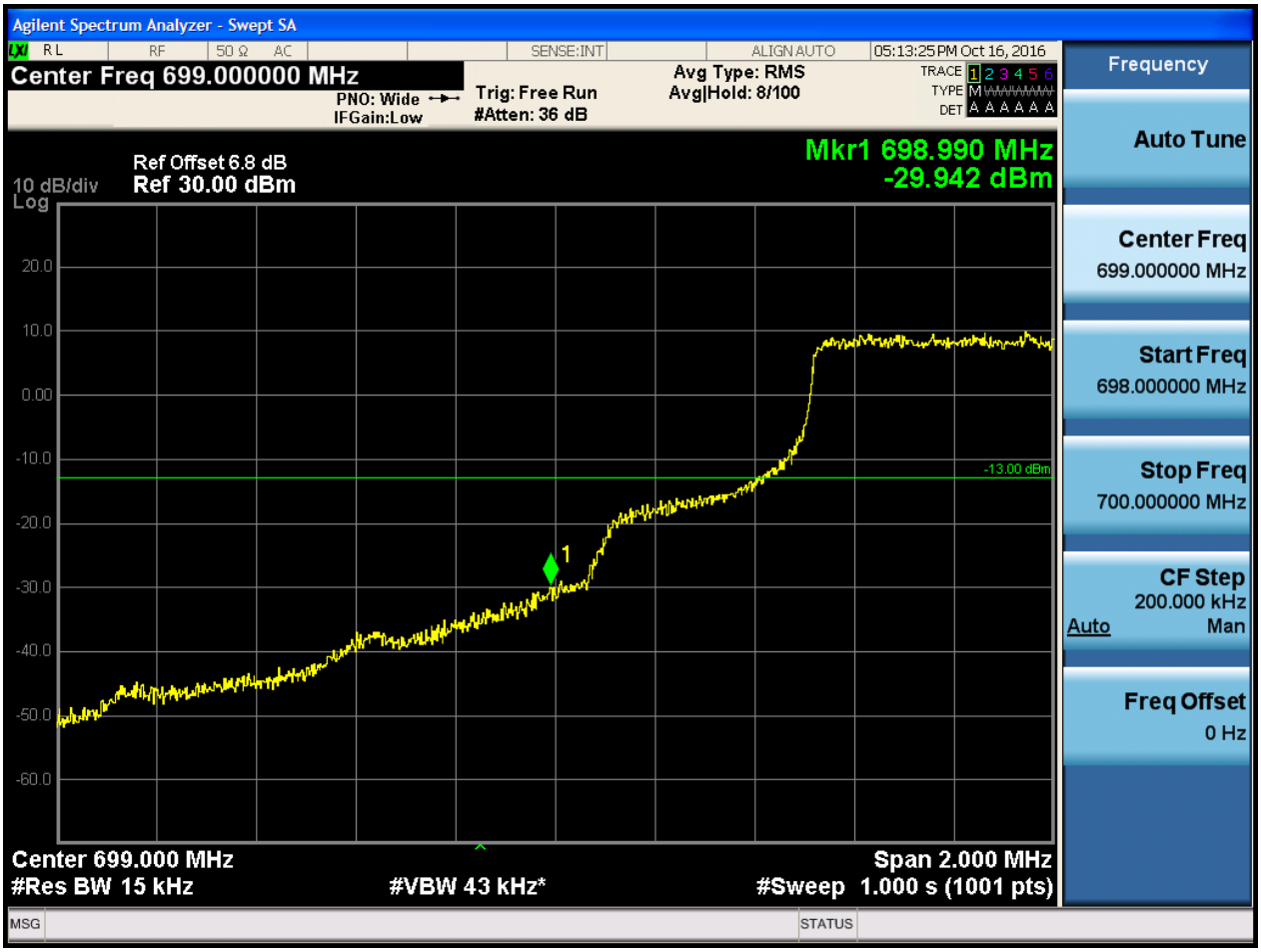
5.1.1.2.1.1 Test Channel = LCH

####### 5.1.1.2.1.1.1 Test RB = RB1#0

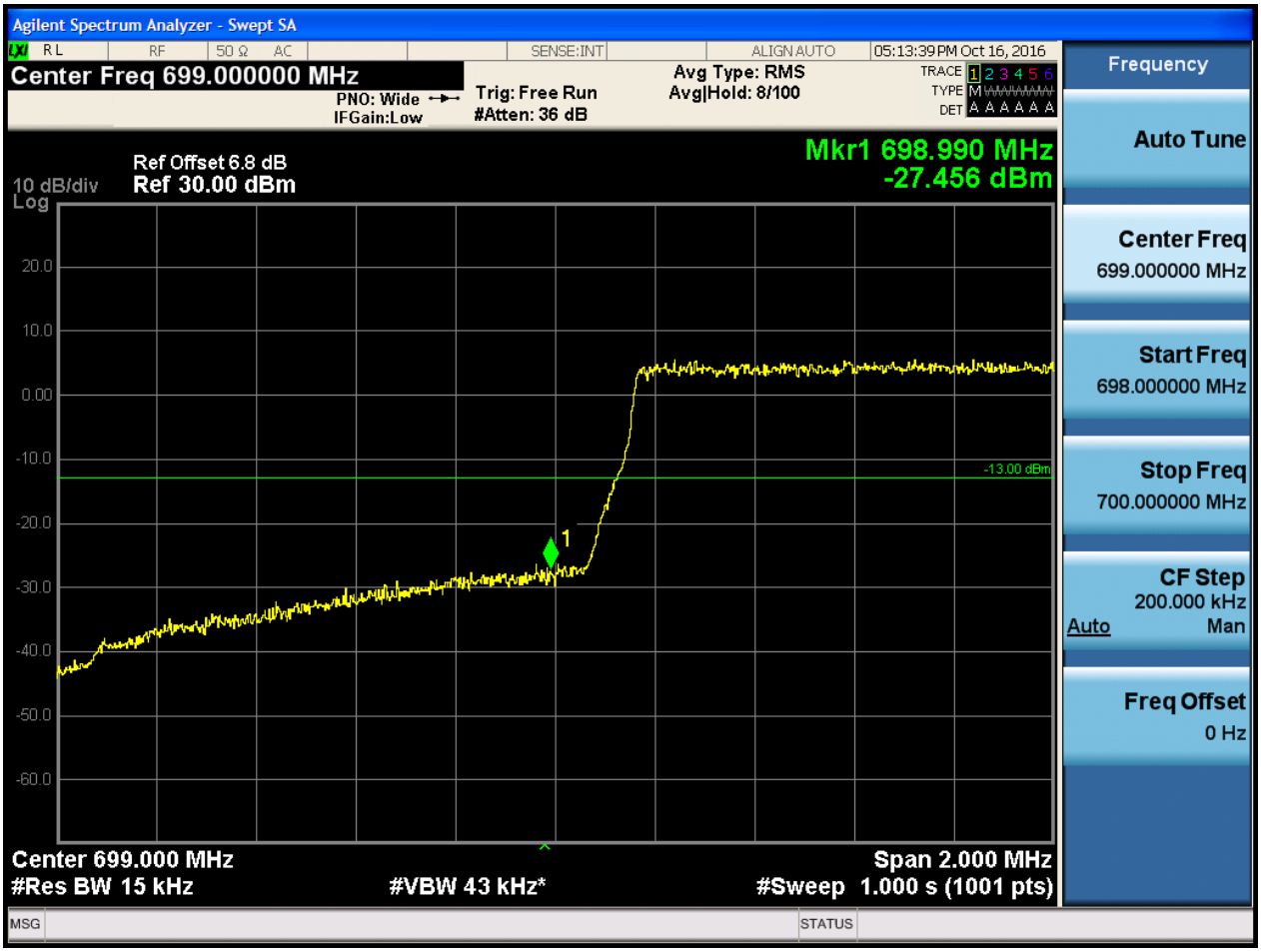


5.1.1.2.1.1.2 Test RB = RB1#5

5.1.1.2.1.1.3 Test RB = RB3#2



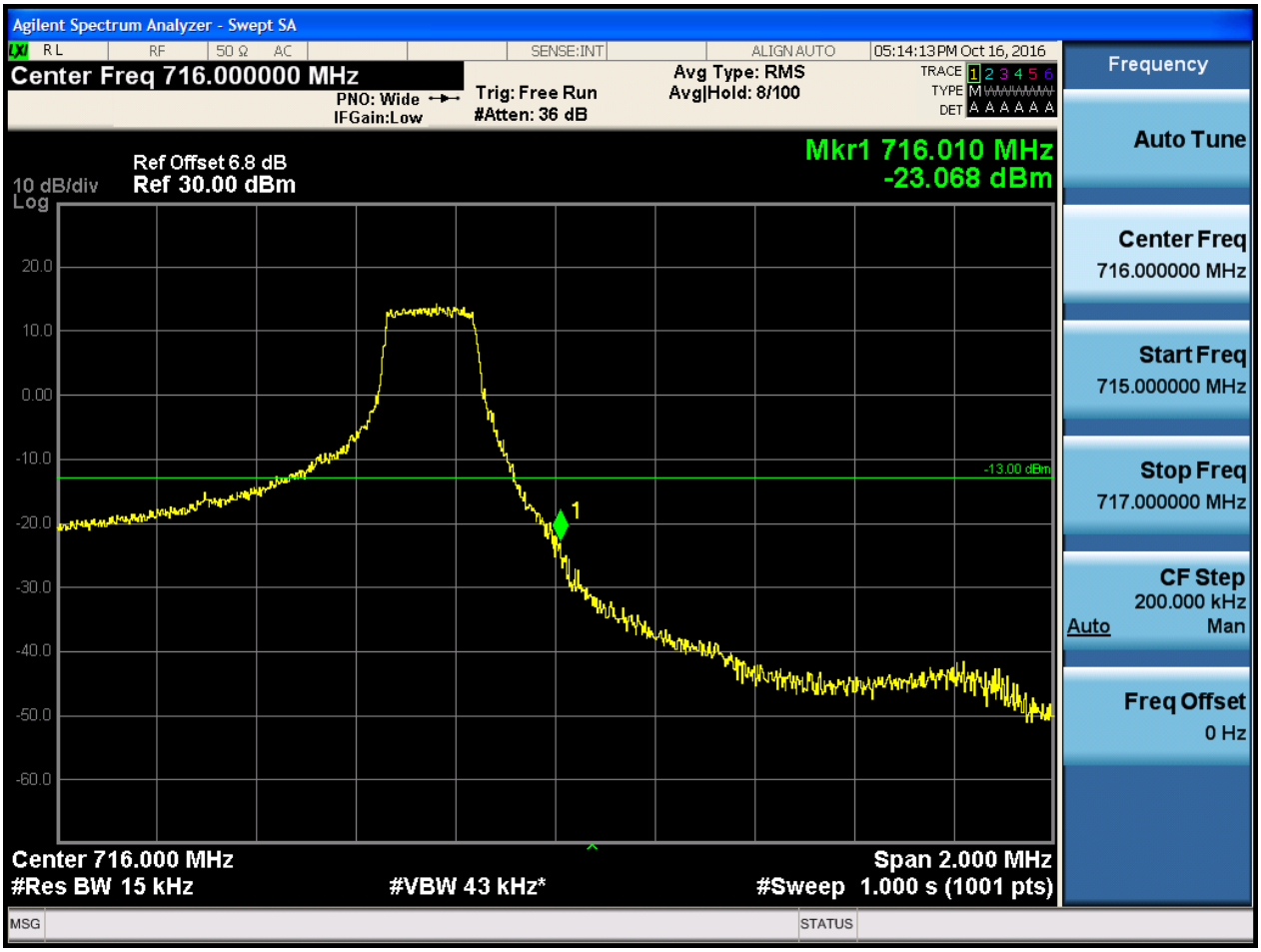
5.1.1.2.1.1.4 Test RB = RB6#0



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



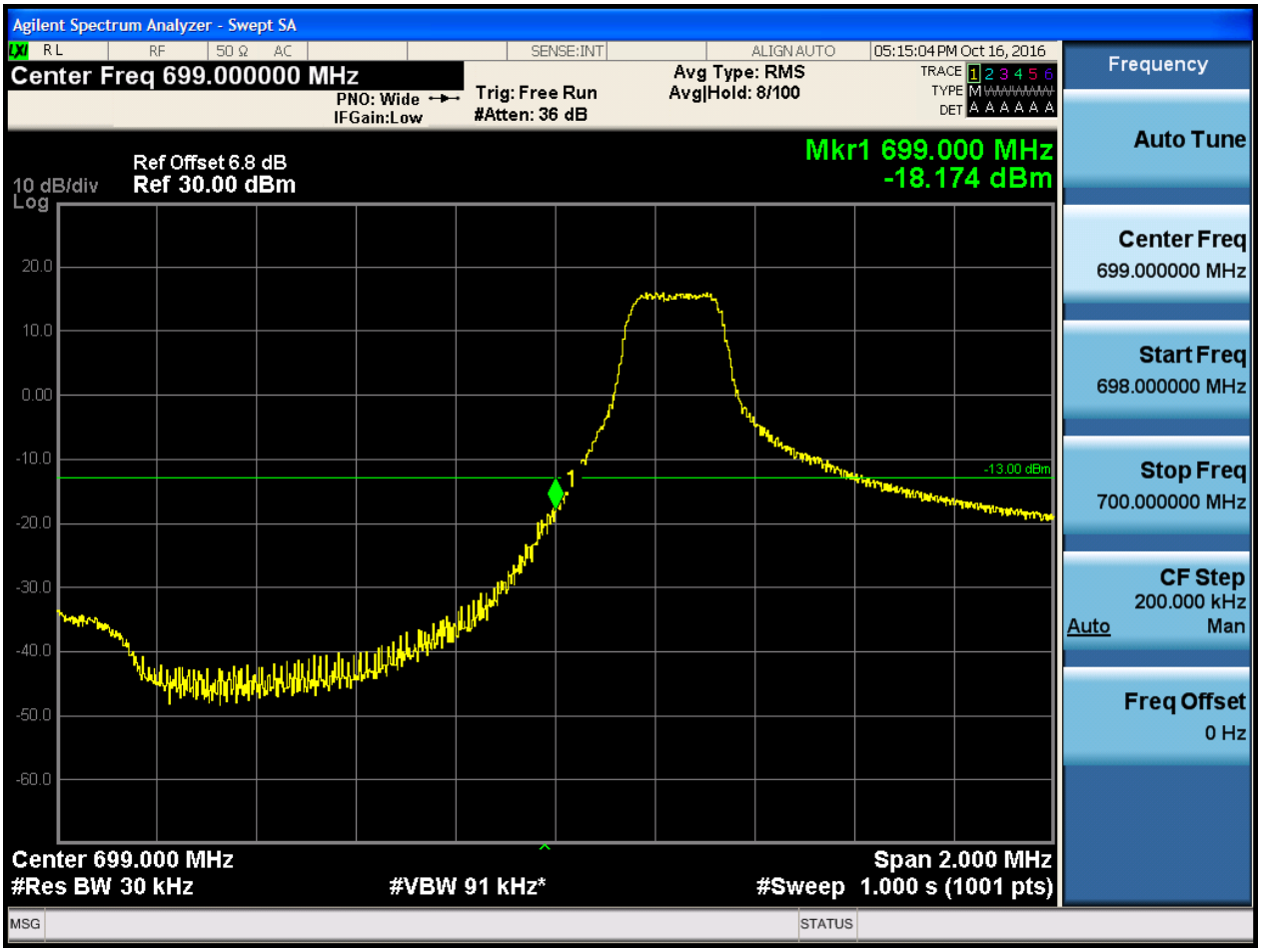
5.1.1.2.1.2.3 Test RB = RB3#2

5.1.1.2.1.2.4 Test RB = RB6#0

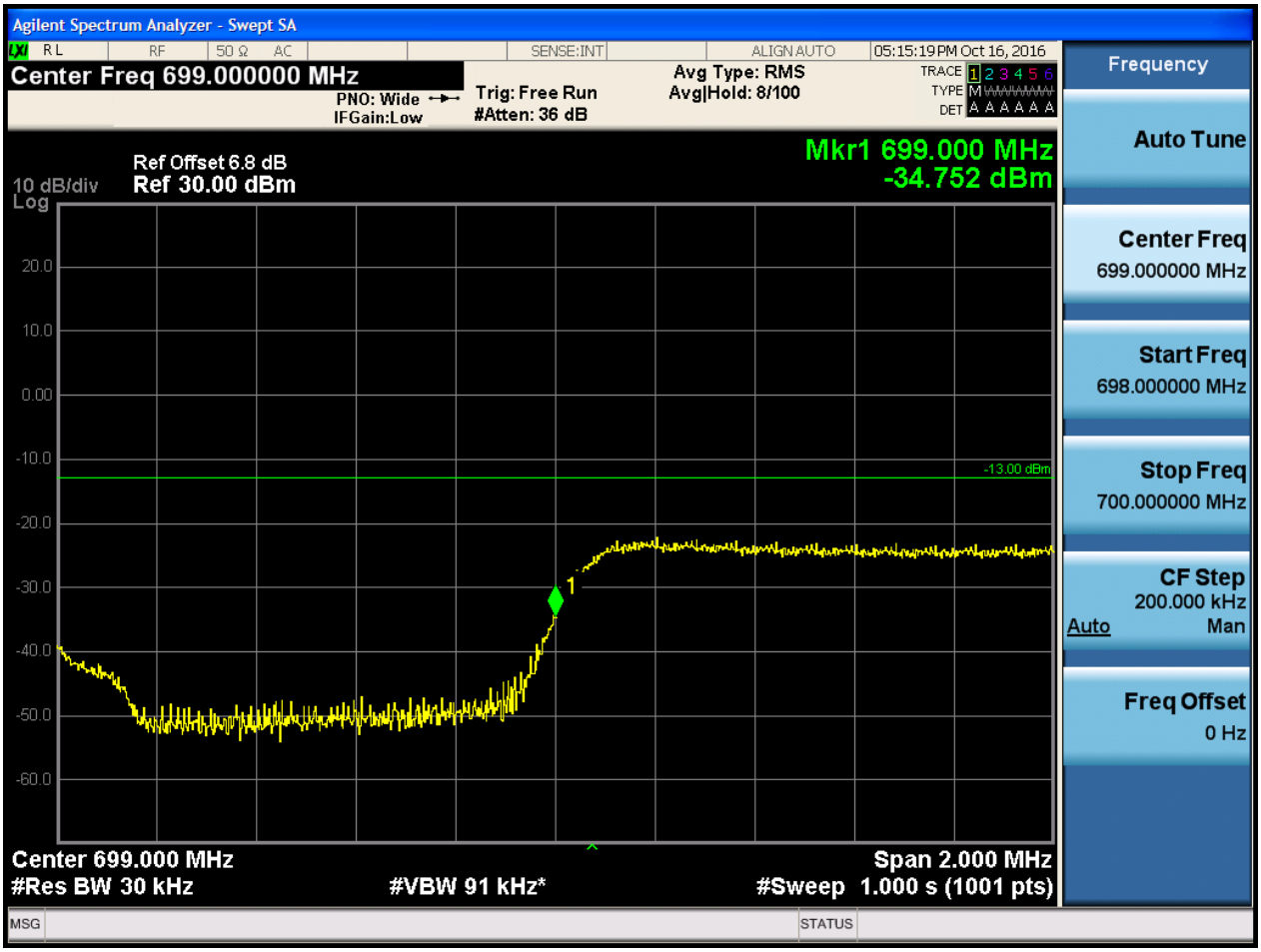
5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

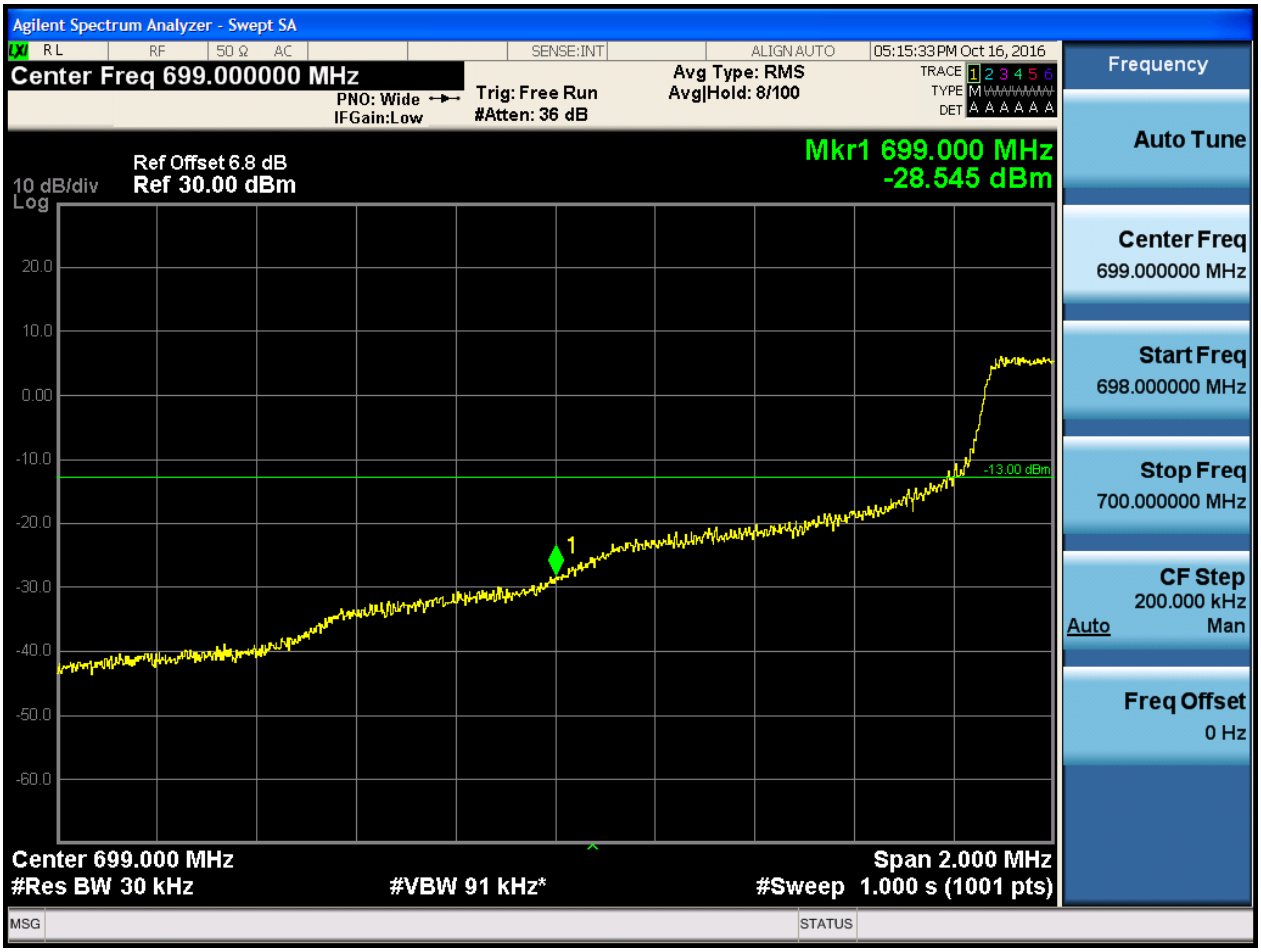
5.1.1.2.2.1.1 Test RB = RB1#0



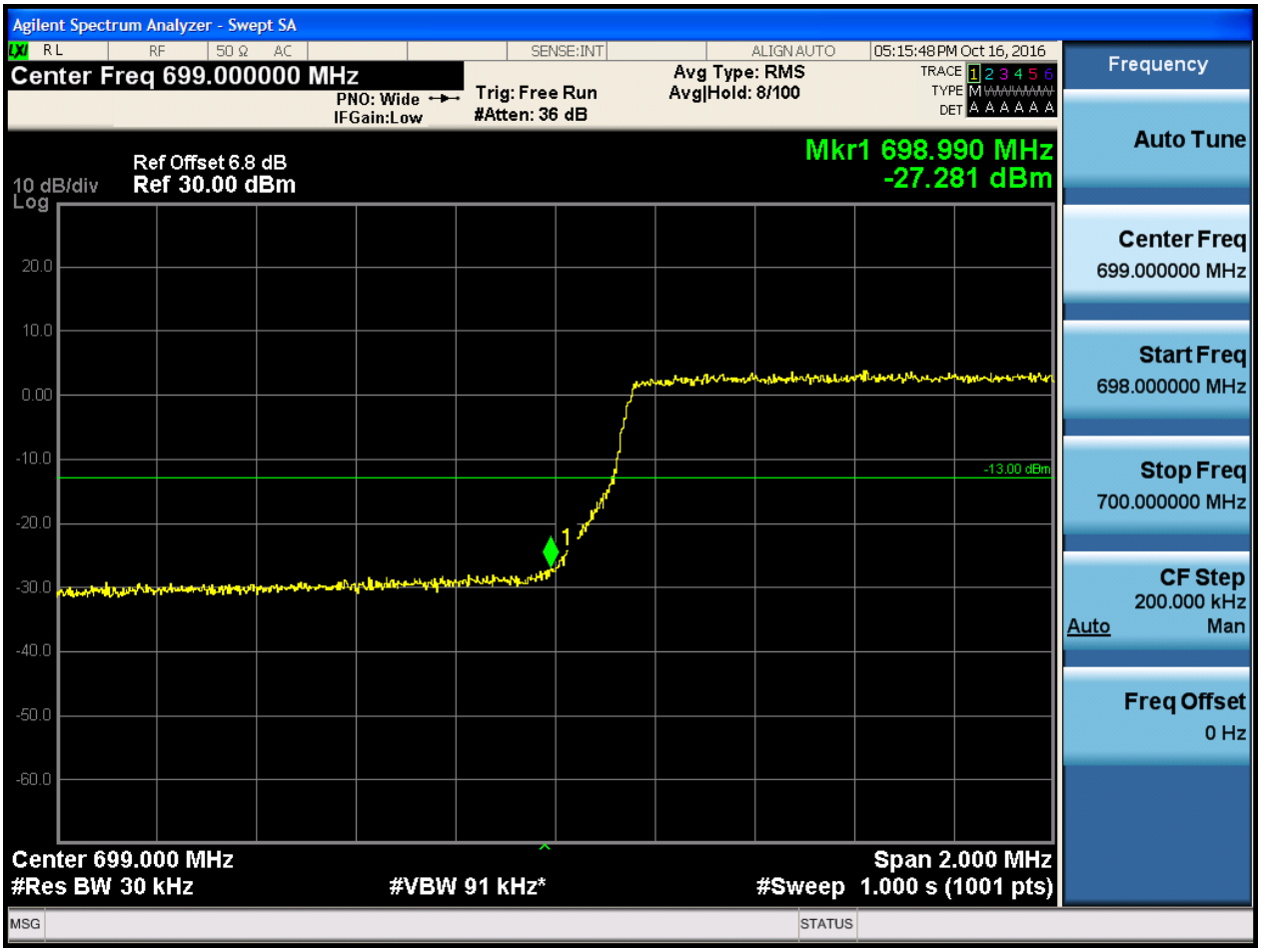
5.1.1.2.2.1.2 Test RB = RB1#14



5.1.1.2.2.1.3 Test RB = RB8#4

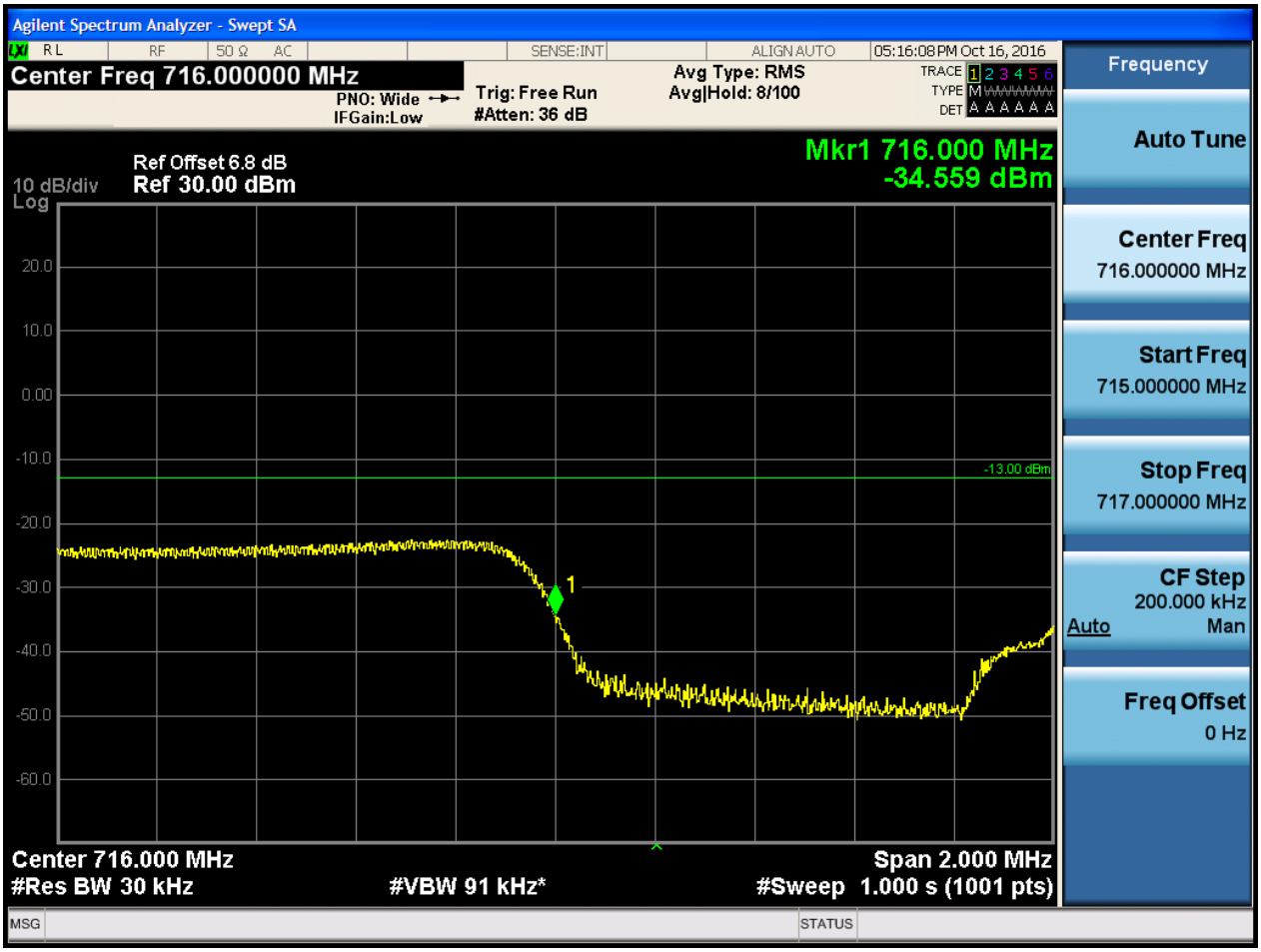


5.1.1.2.2.1.4 Test RB = RB15#0

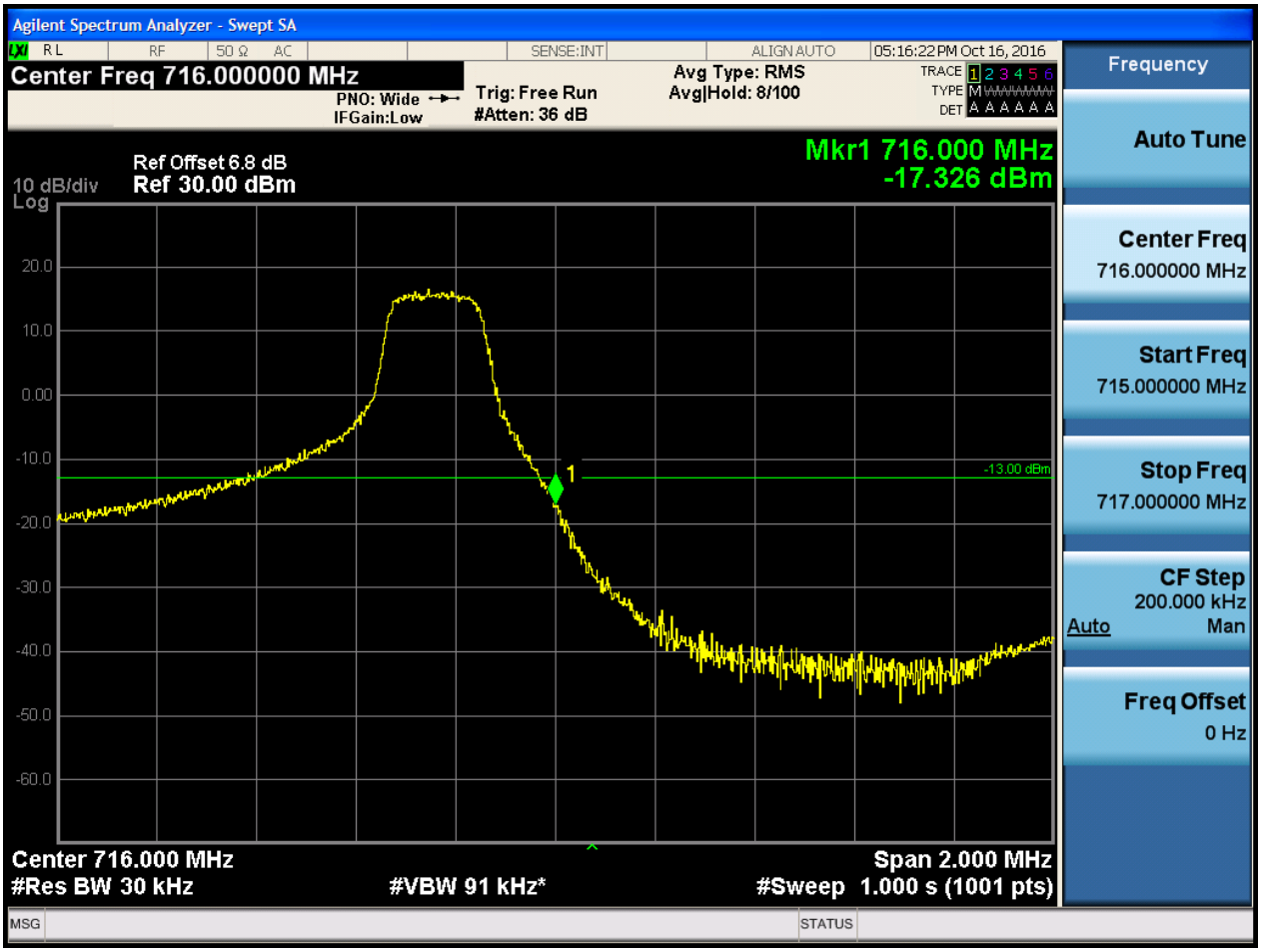


5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0

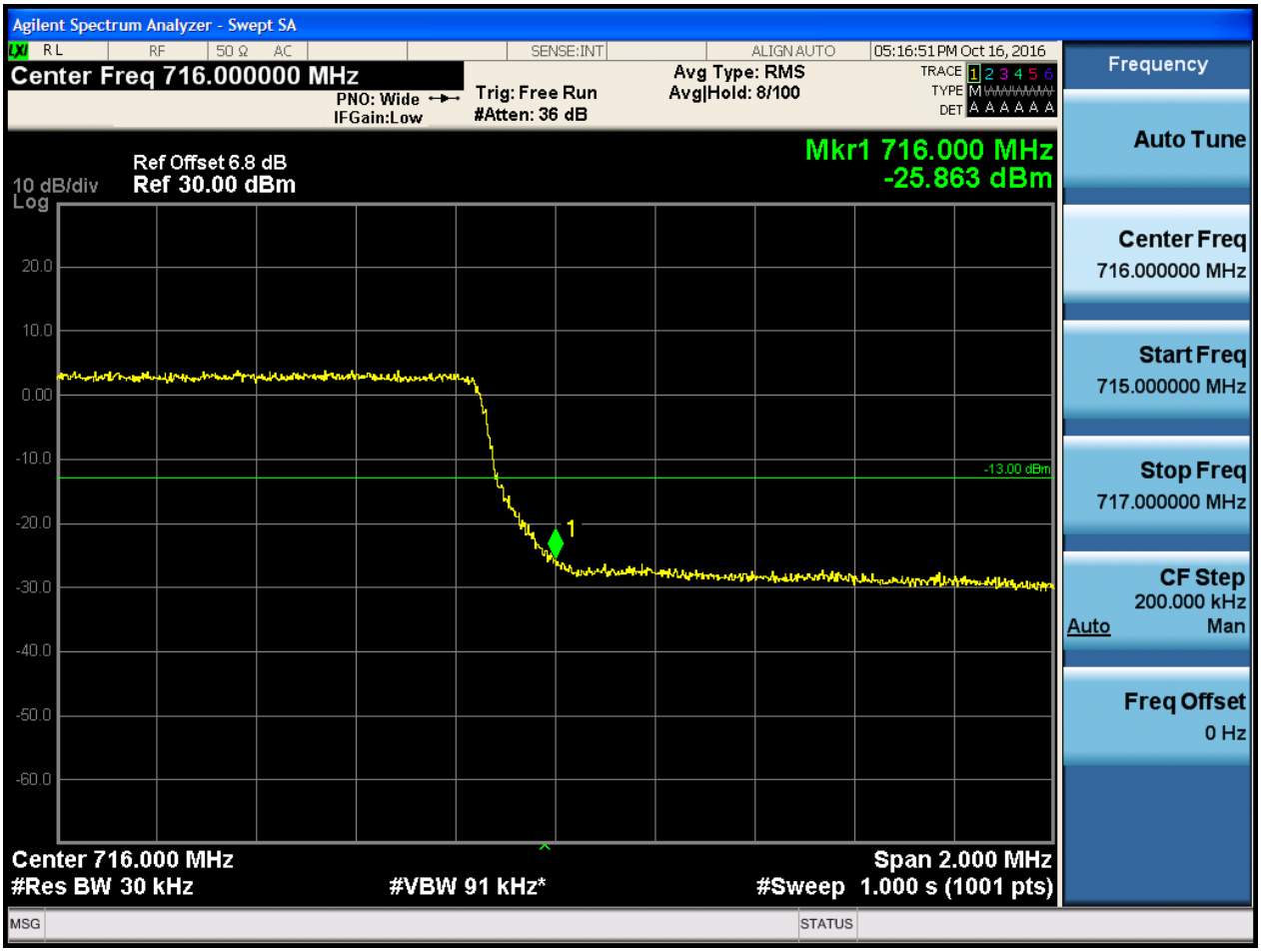


5.1.1.2.2.2 Test RB = RB1#14



5.1.1.2.2.3 Test RB = RB8#4

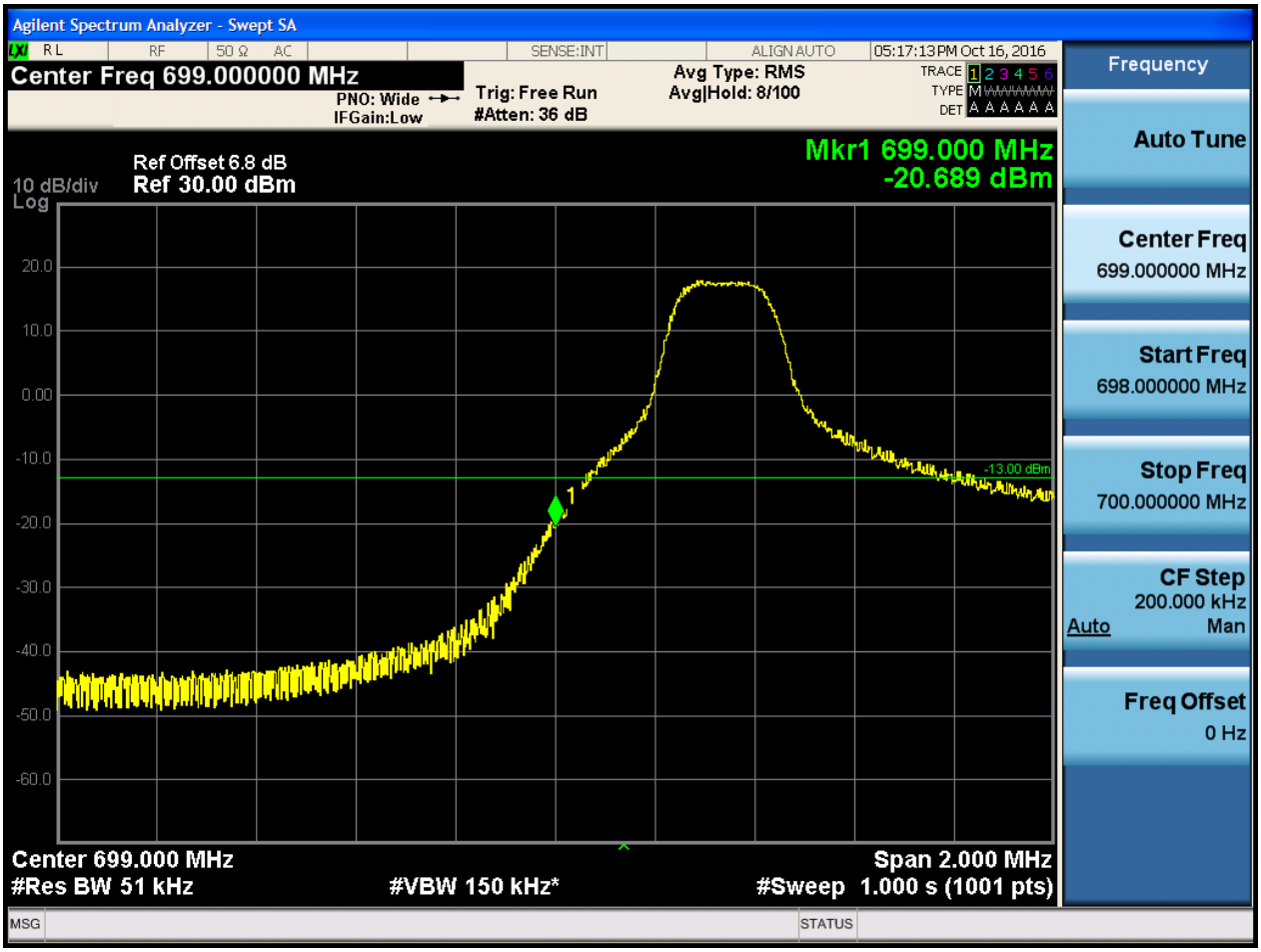
5.1.1.2.2.4 Test RB = RB15#0



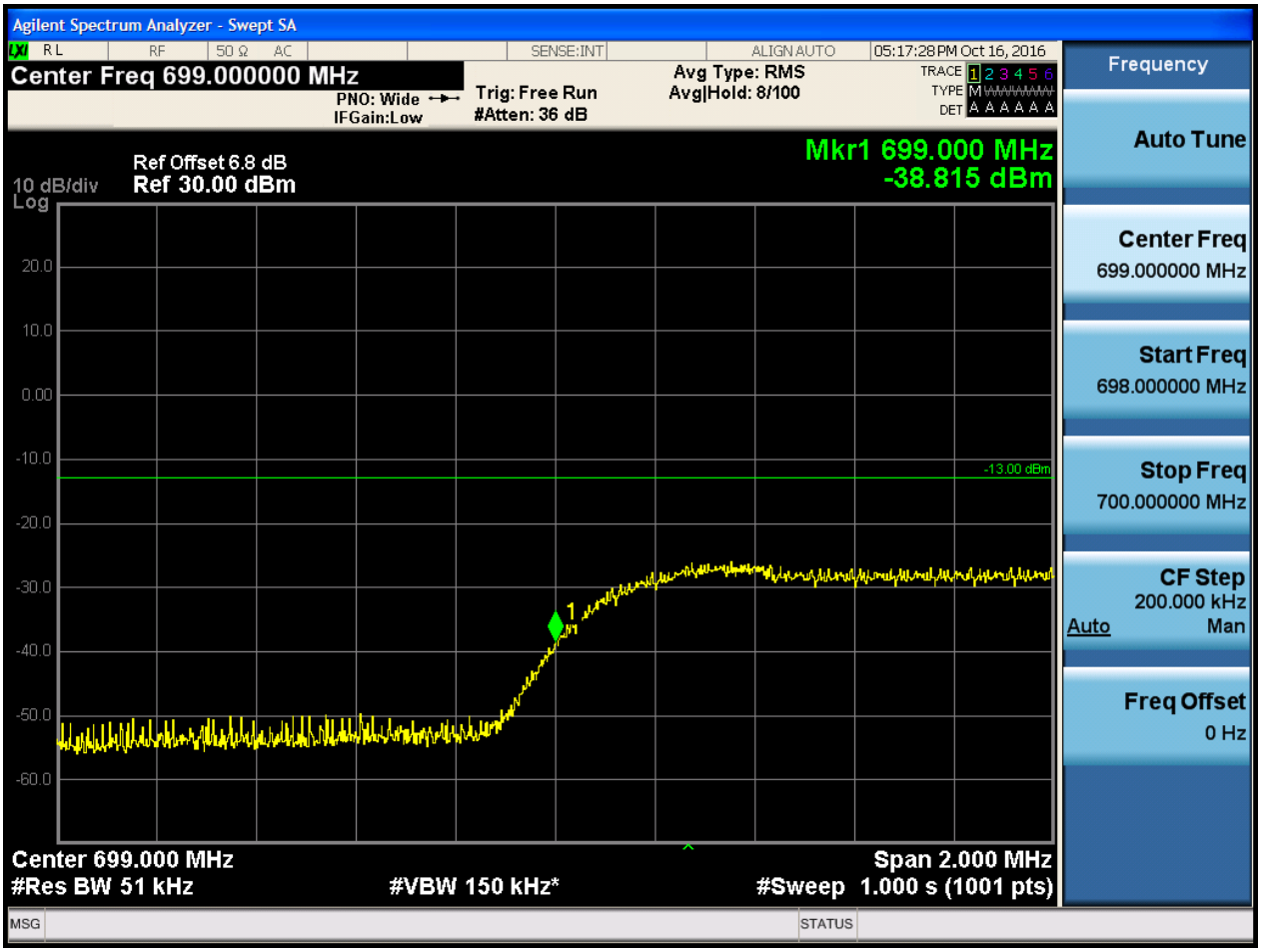
5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0

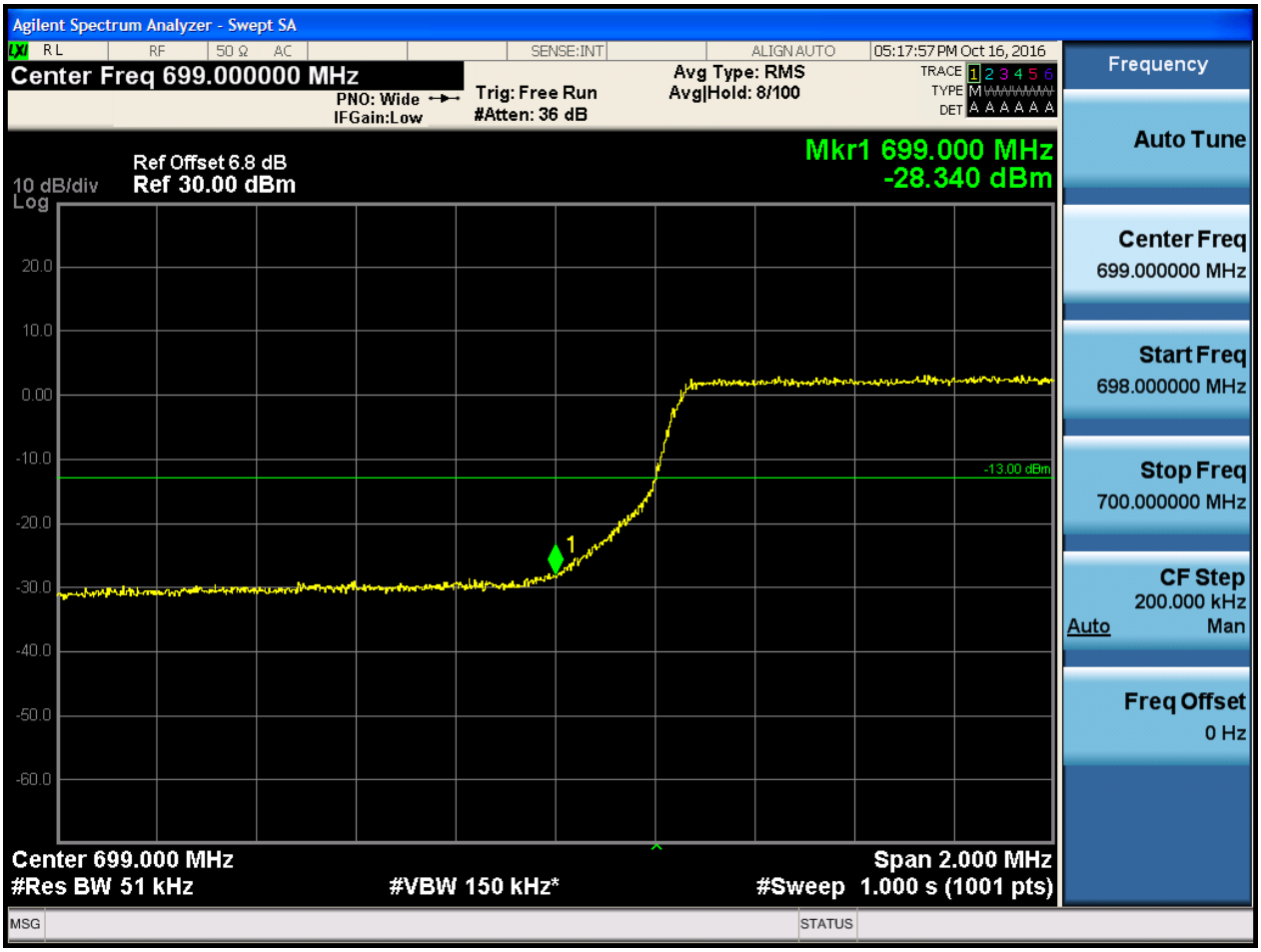


5.1.1.2.3.1.2 Test RB = RB1#24



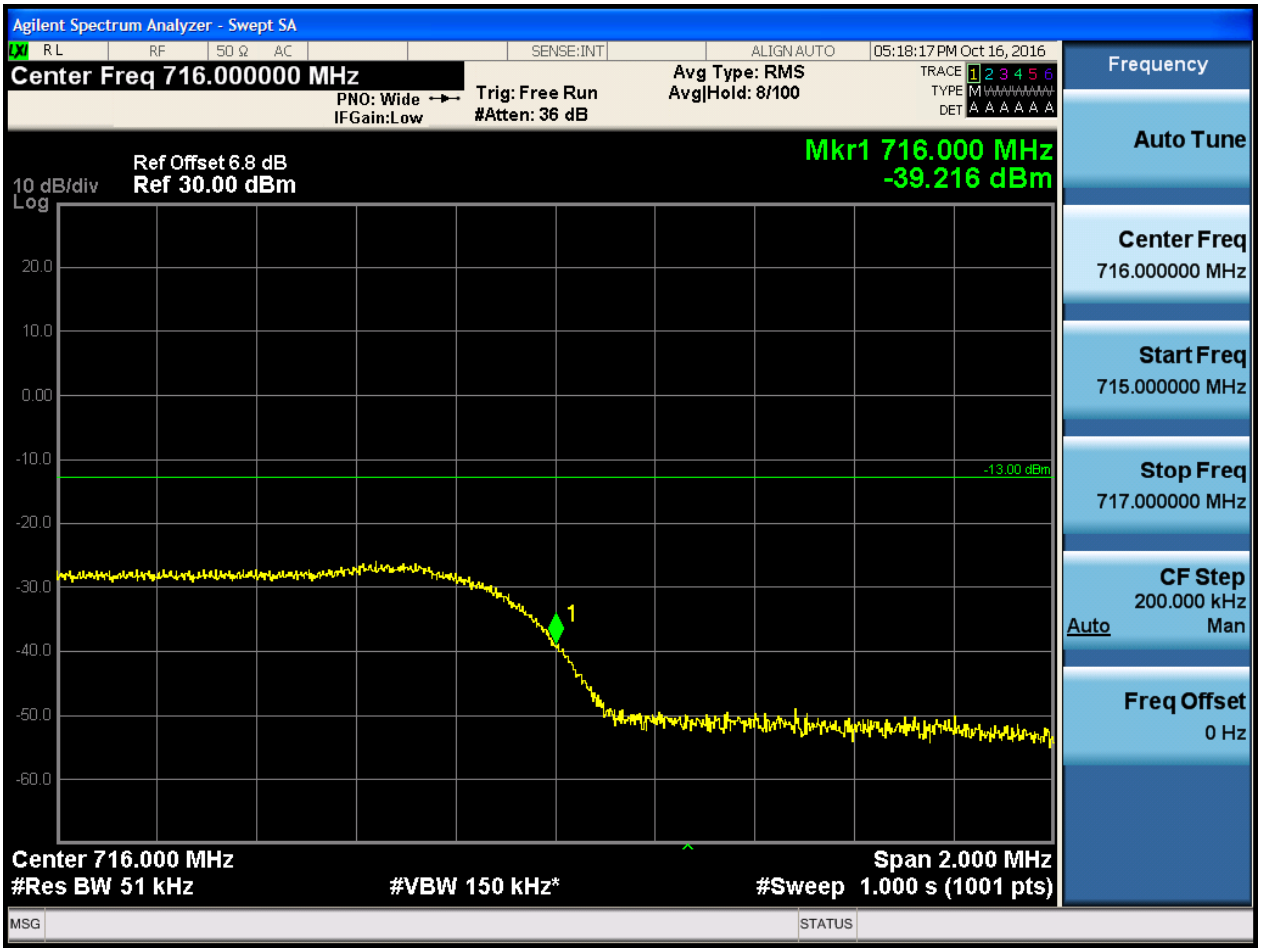
5.1.1.2.3.1.3 Test RB = RB12#6

5.1.1.2.3.1.4 Test RB = RB25#0

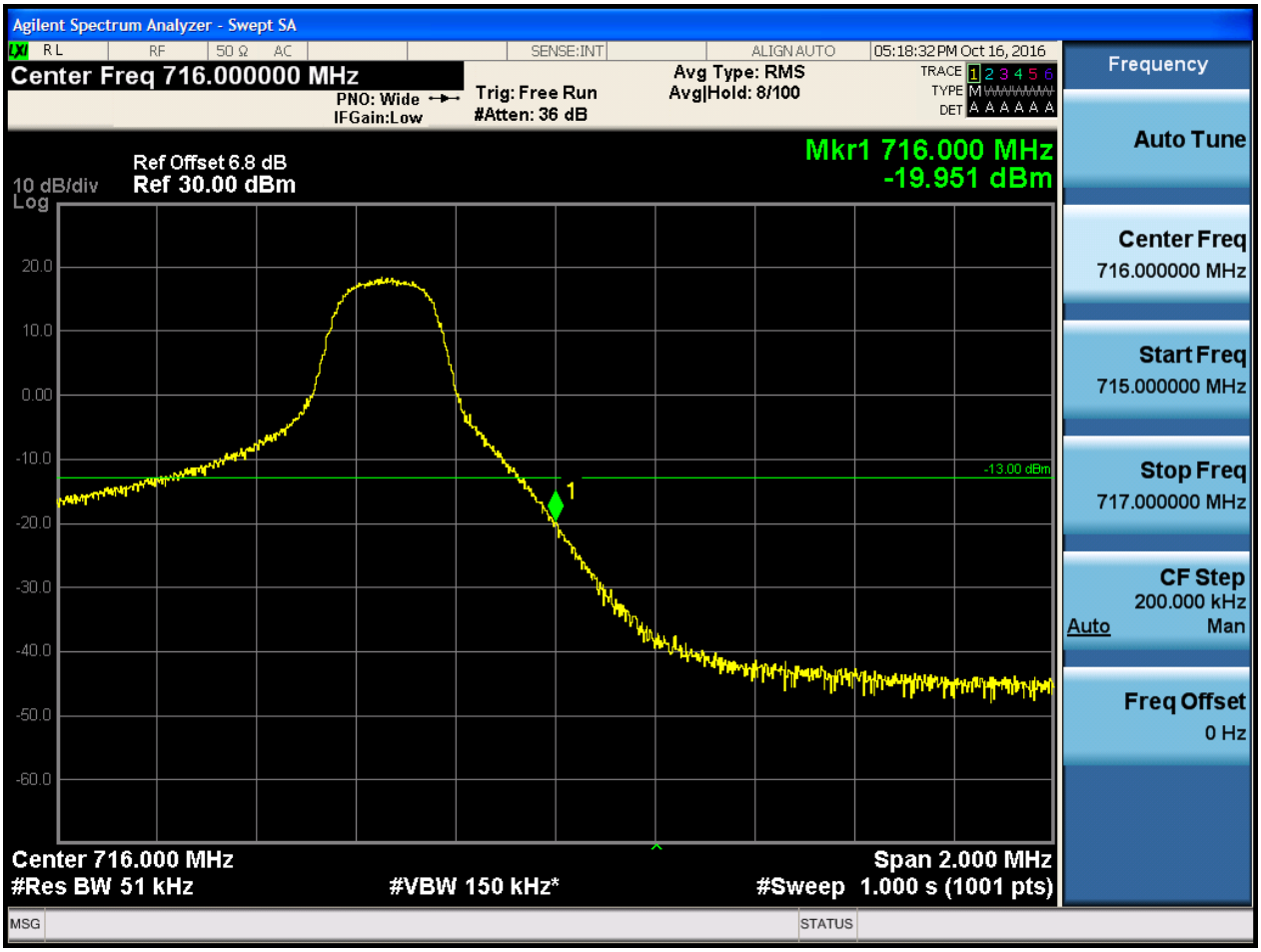


5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



5.1.1.2.3.2.2 Test RB = RB1#24



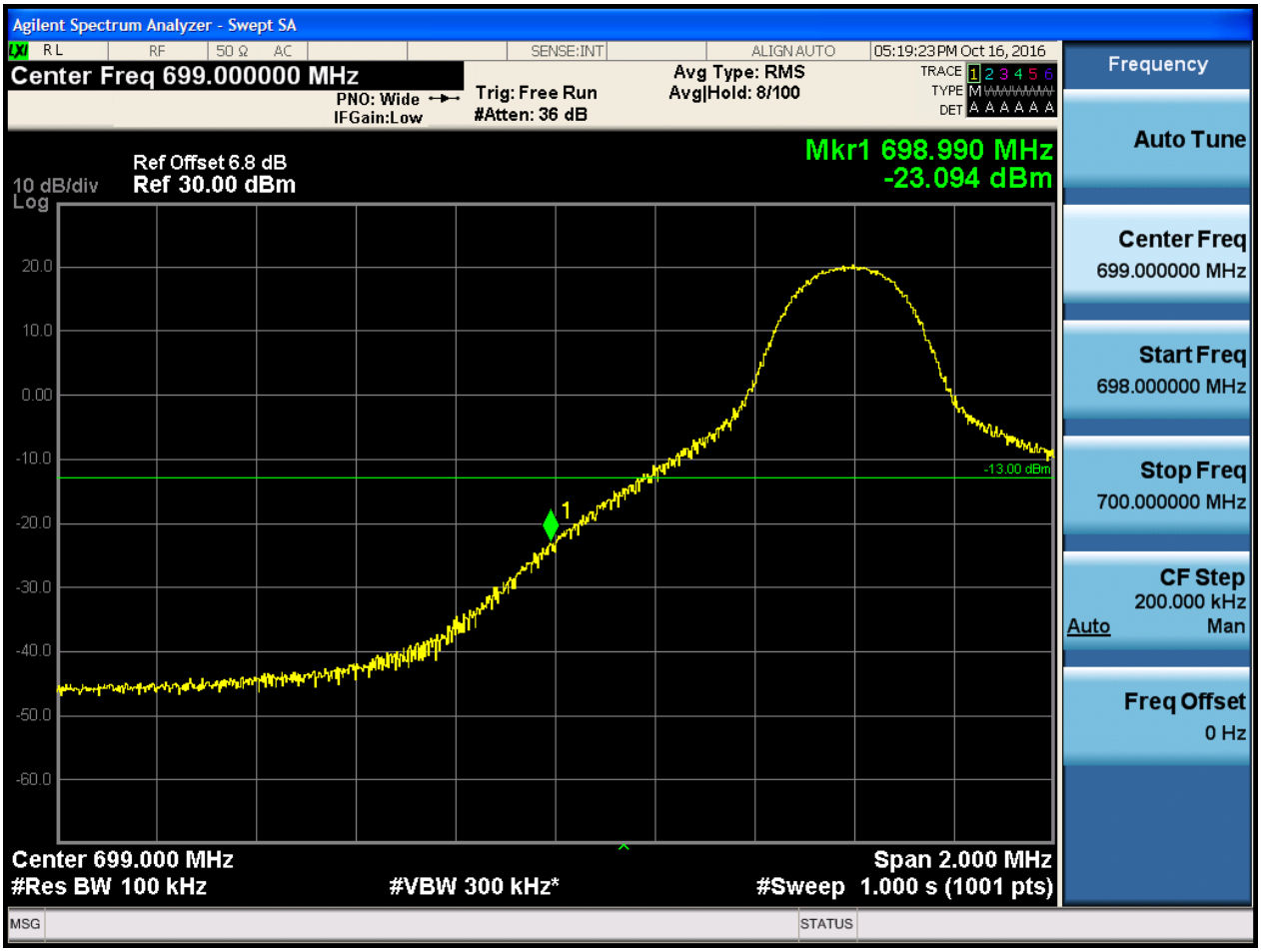
5.1.1.2.3.2.3 Test RB = RB12#6

5.1.1.2.3.2.4 Test RB = RB25#0

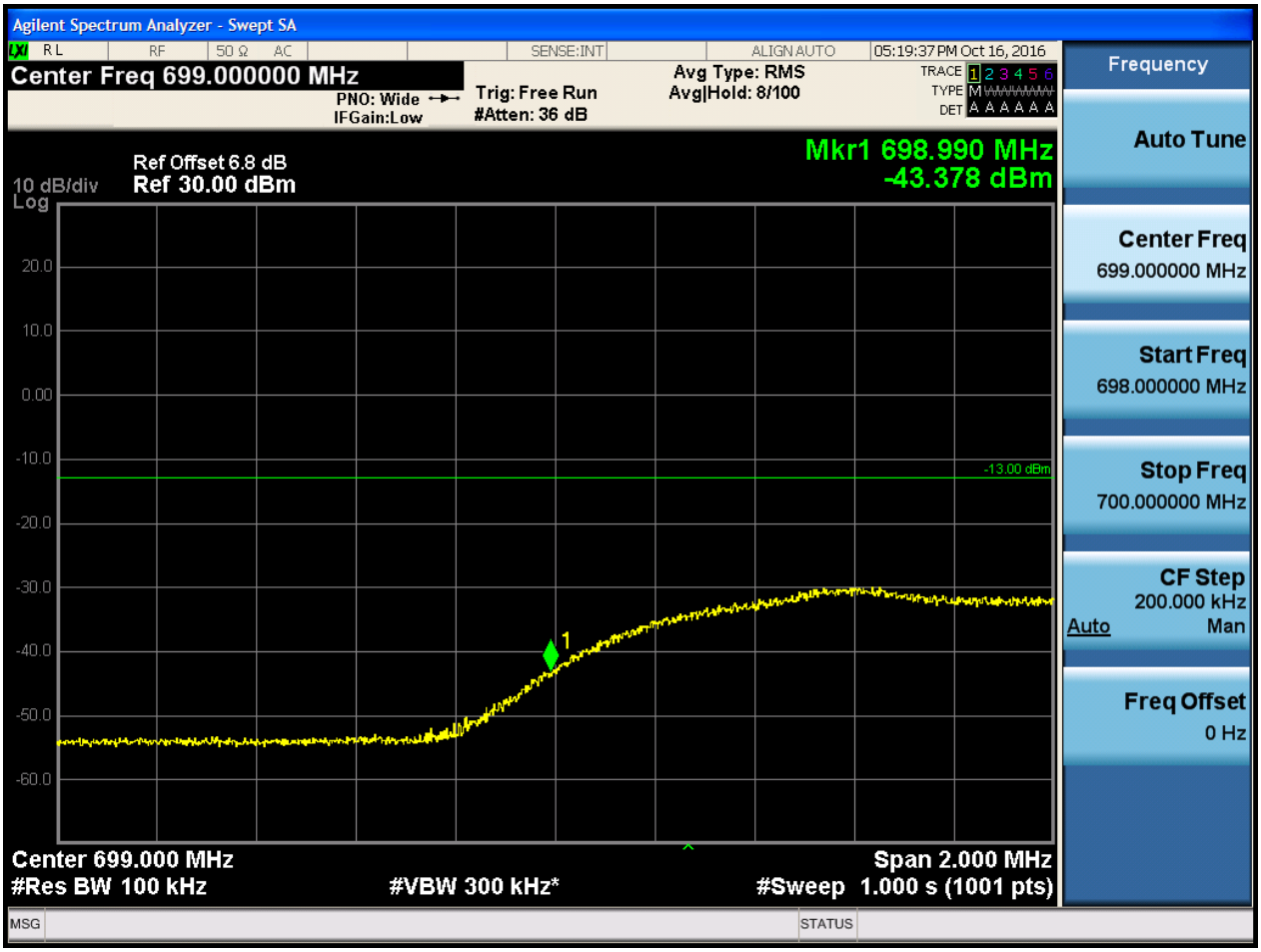
5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

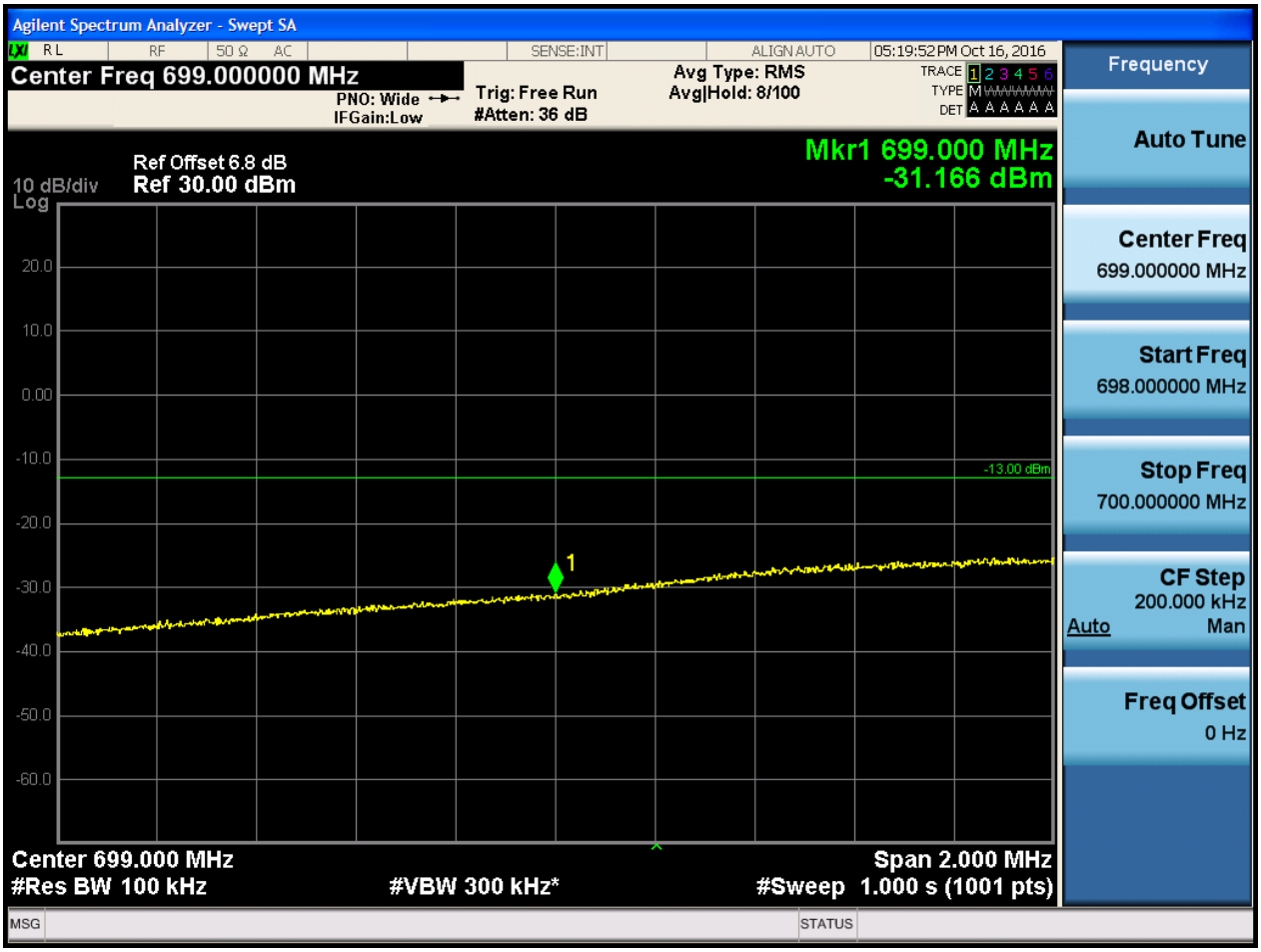
5.1.1.2.4.1.1 Test RB = RB1#0



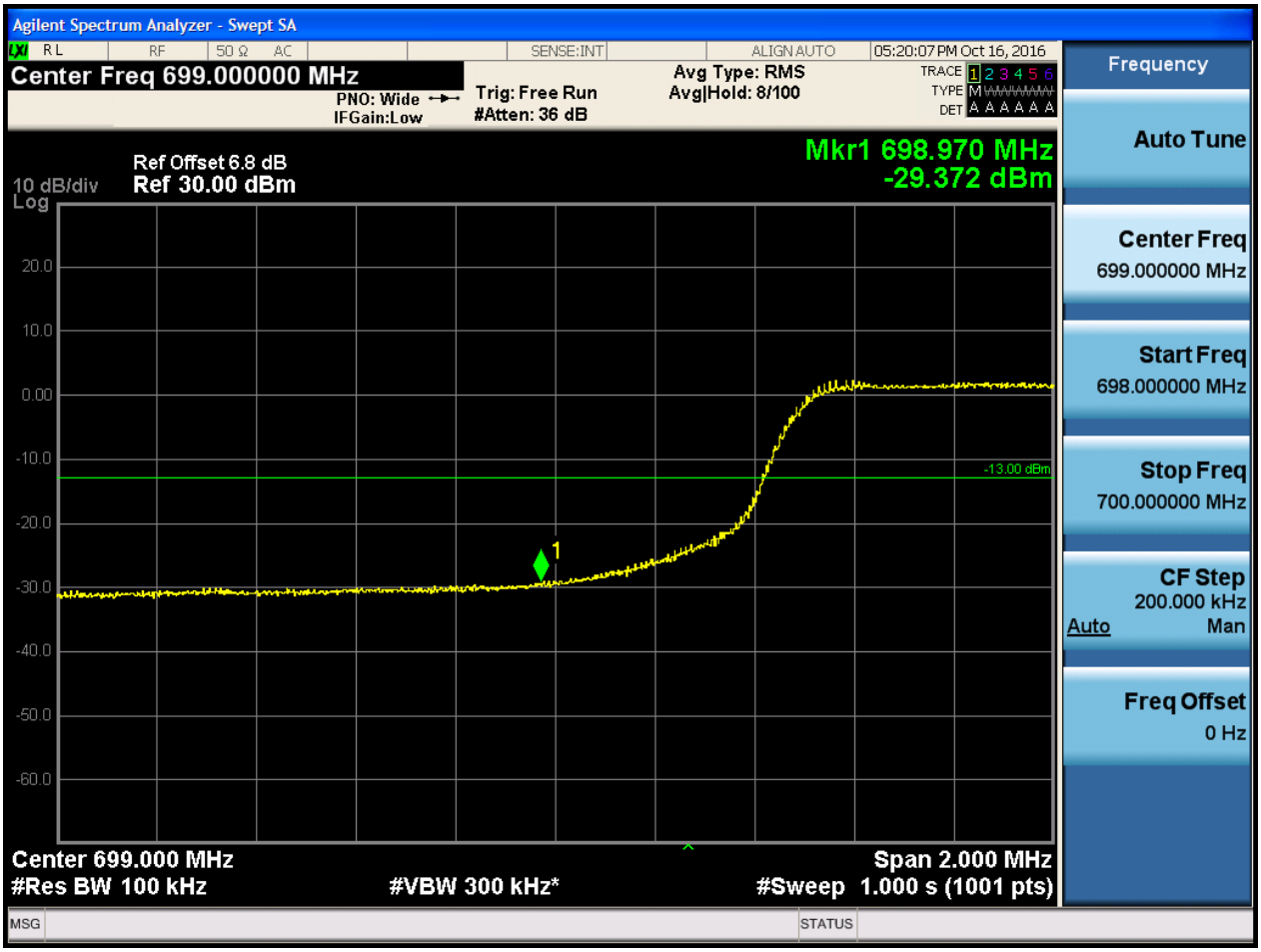
5.1.1.2.4.1.2 Test RB = RB1#49



5.1.1.2.4.1.3 Test RB = RB25#13



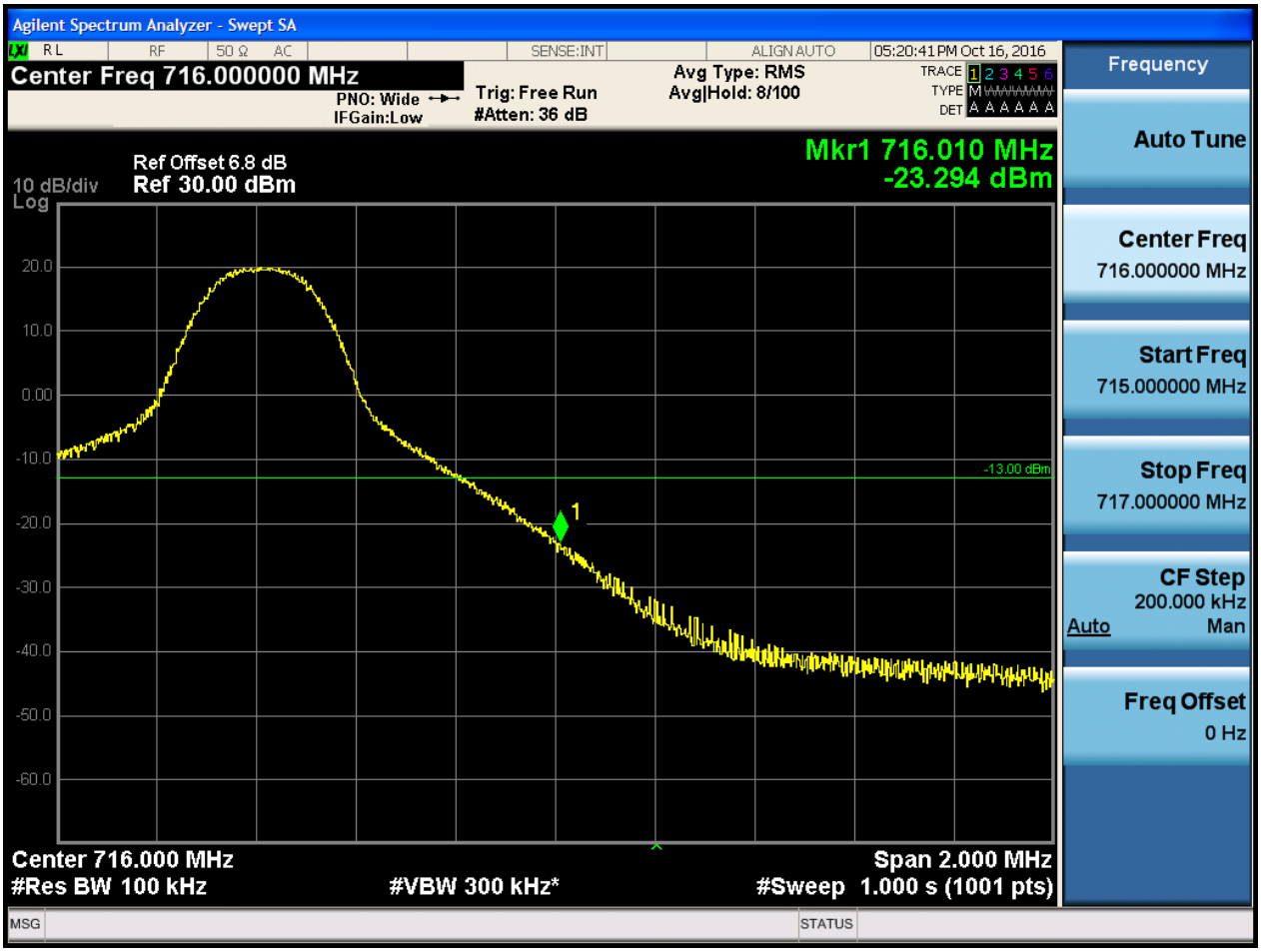
5.1.1.2.4.1.4 Test RB = RB50#0



5.1.1.2.4.2 Test Channel = HCH

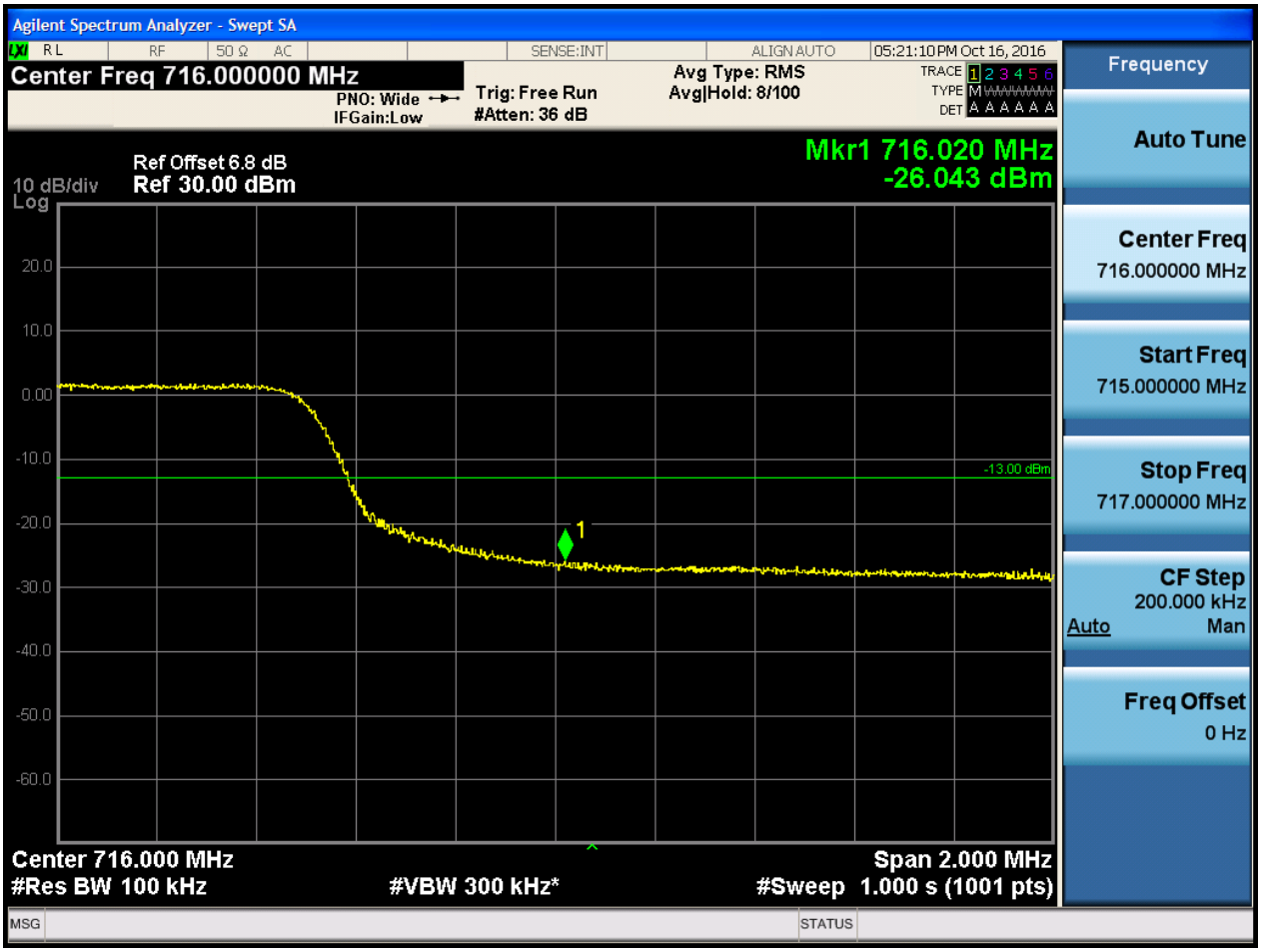
5.1.1.2.4.2.1 Test RB = RB1#0

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

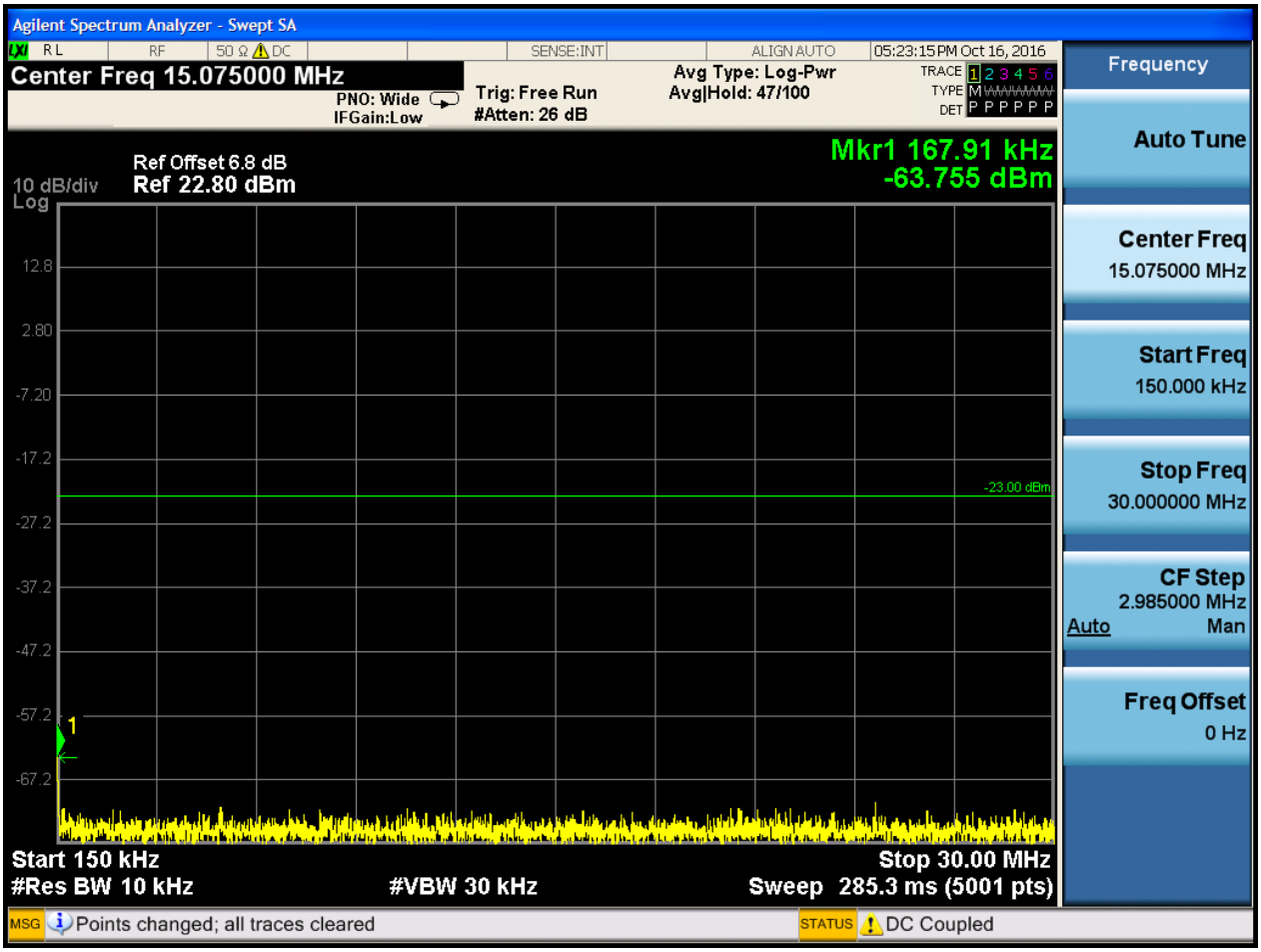
6.1.1 Test Band = BAND12

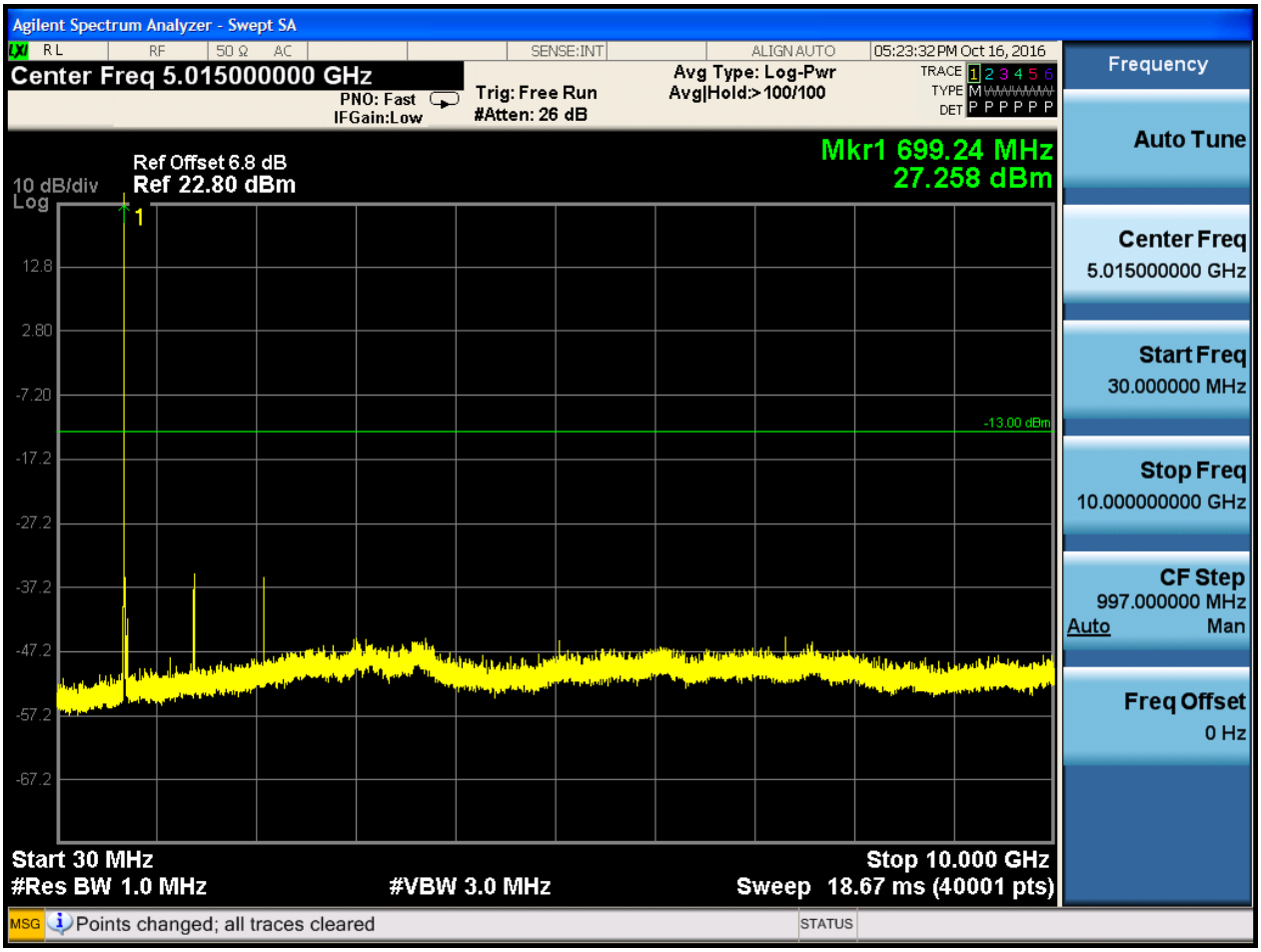
6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

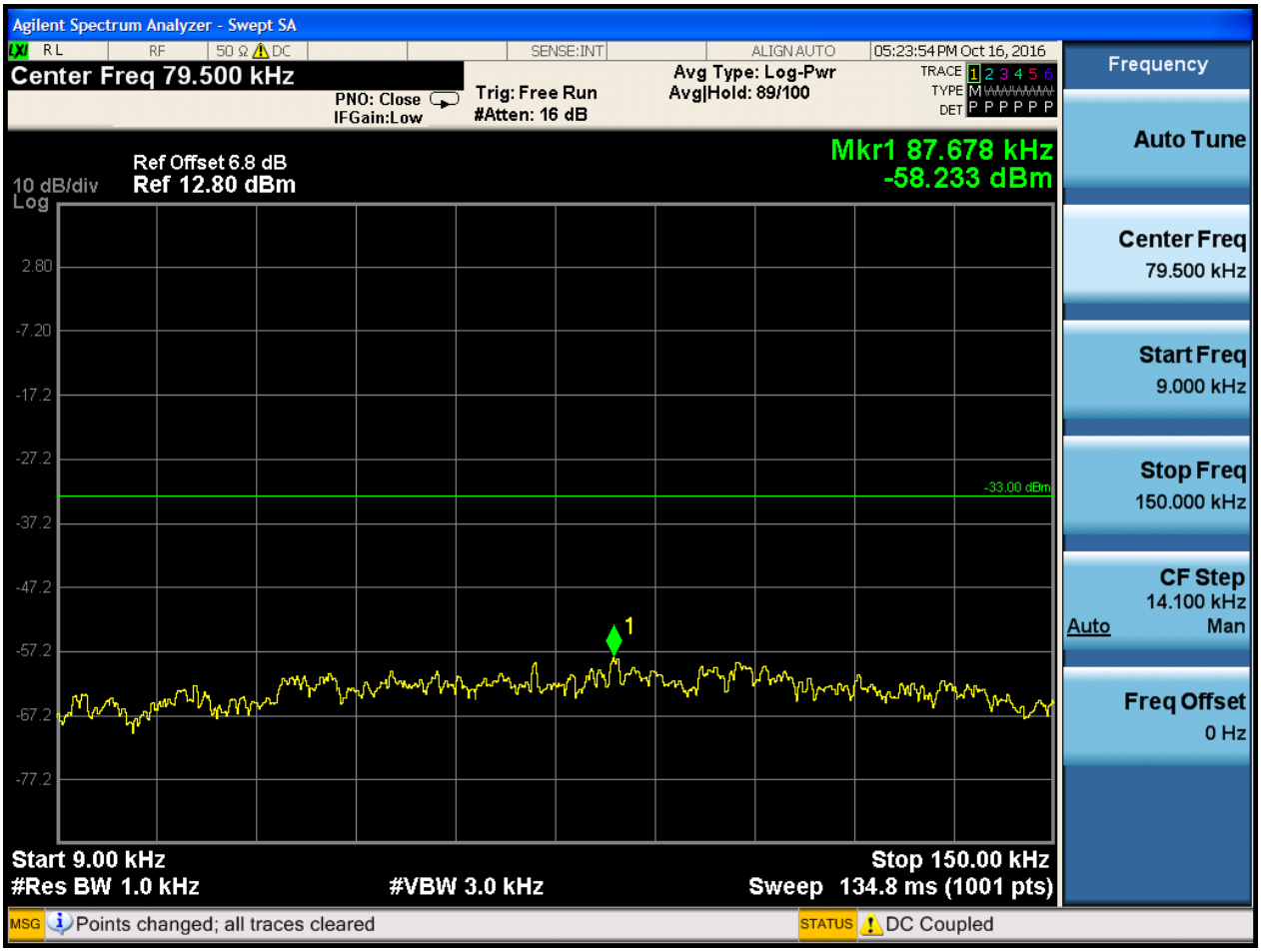
6.1.1.1.1.1.1 Test RB = RB1#0

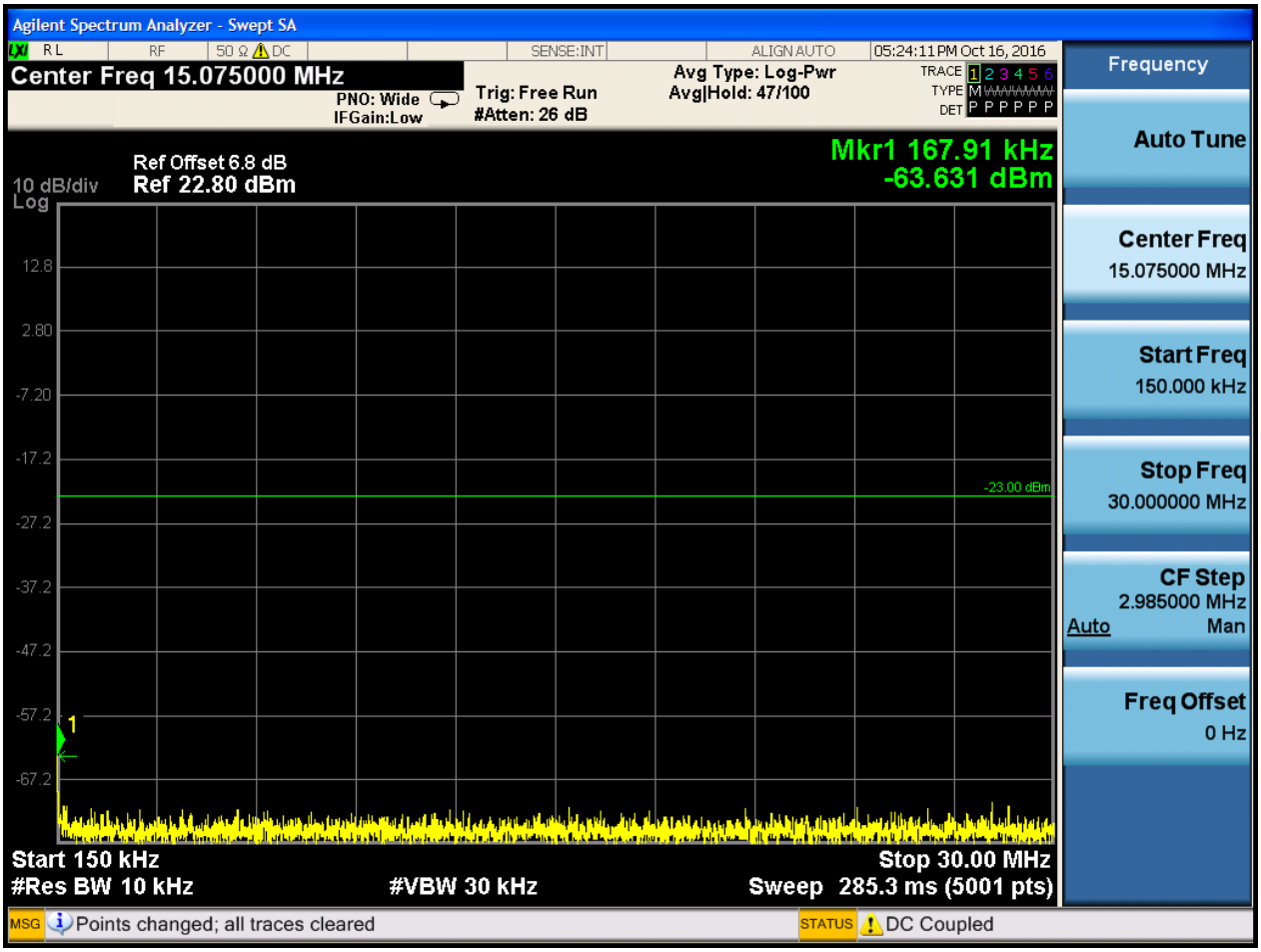


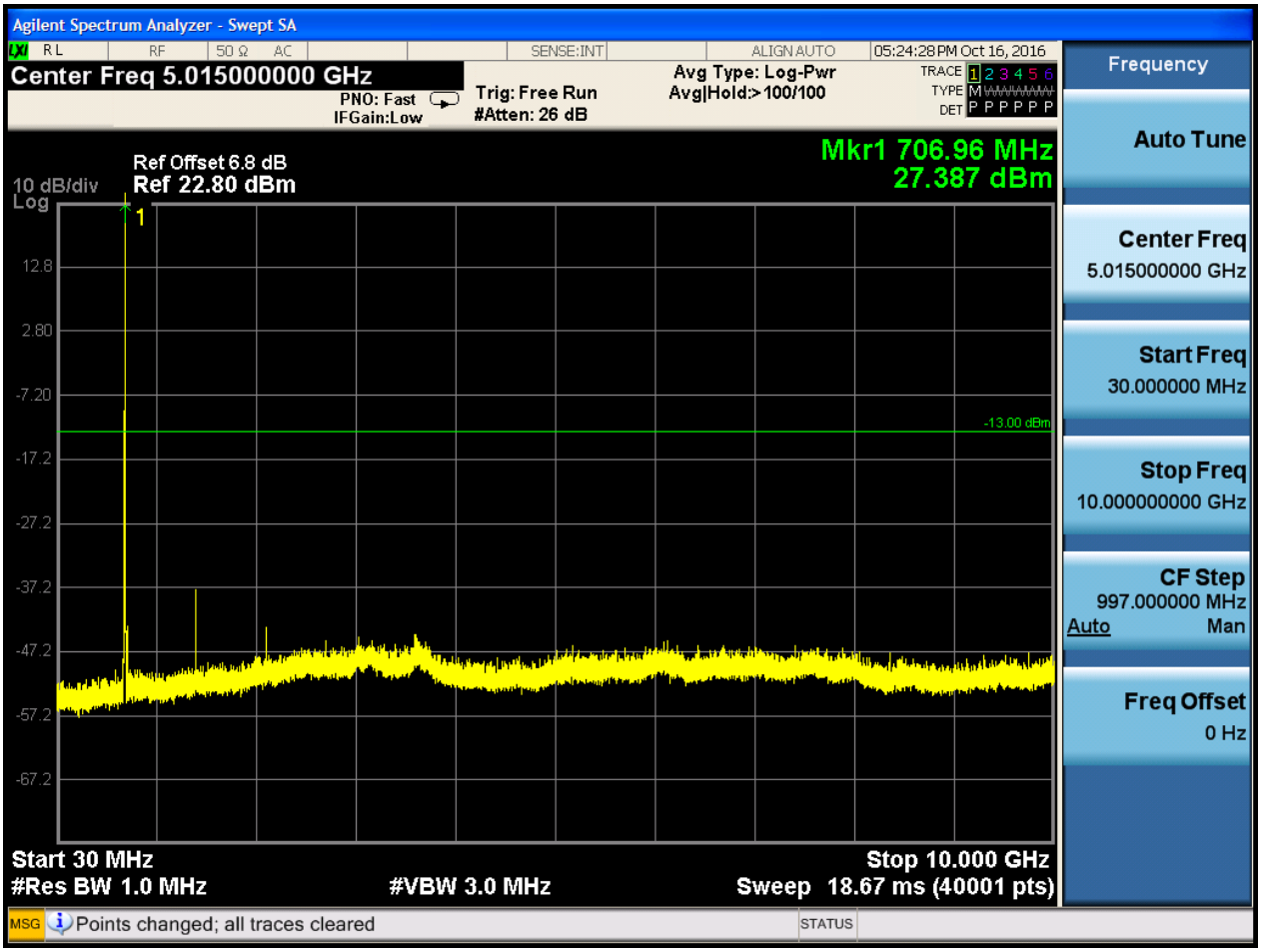


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

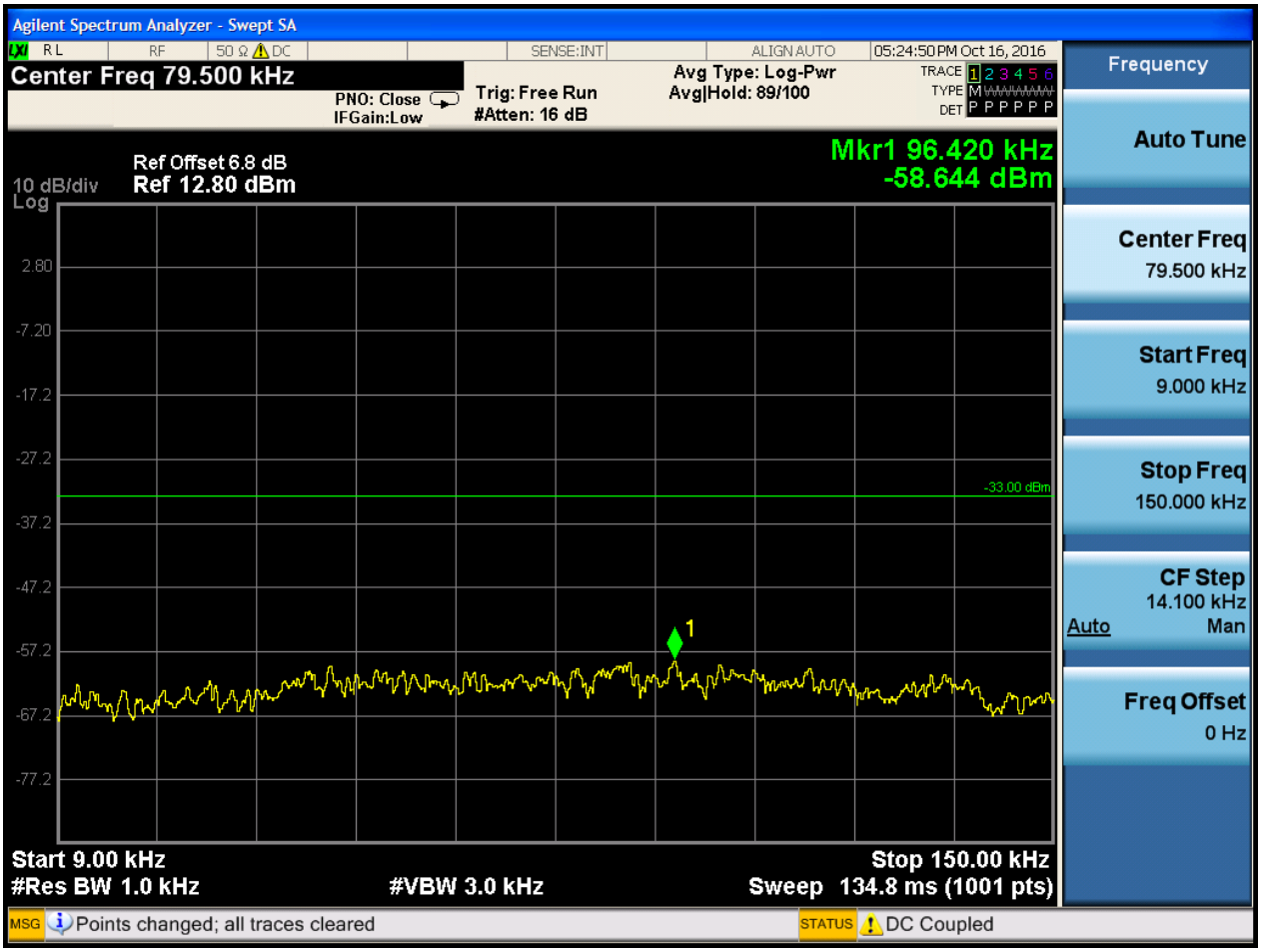


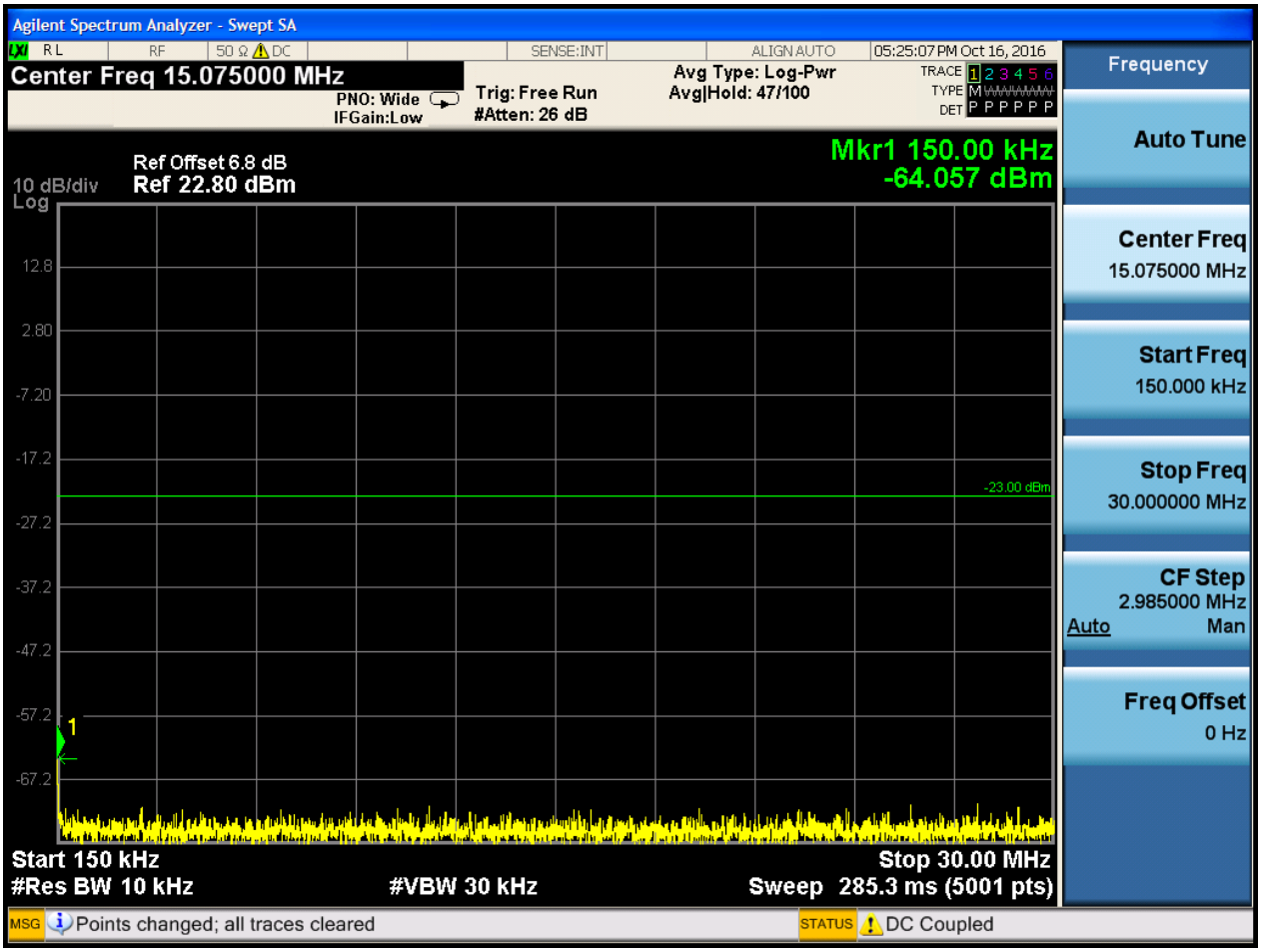


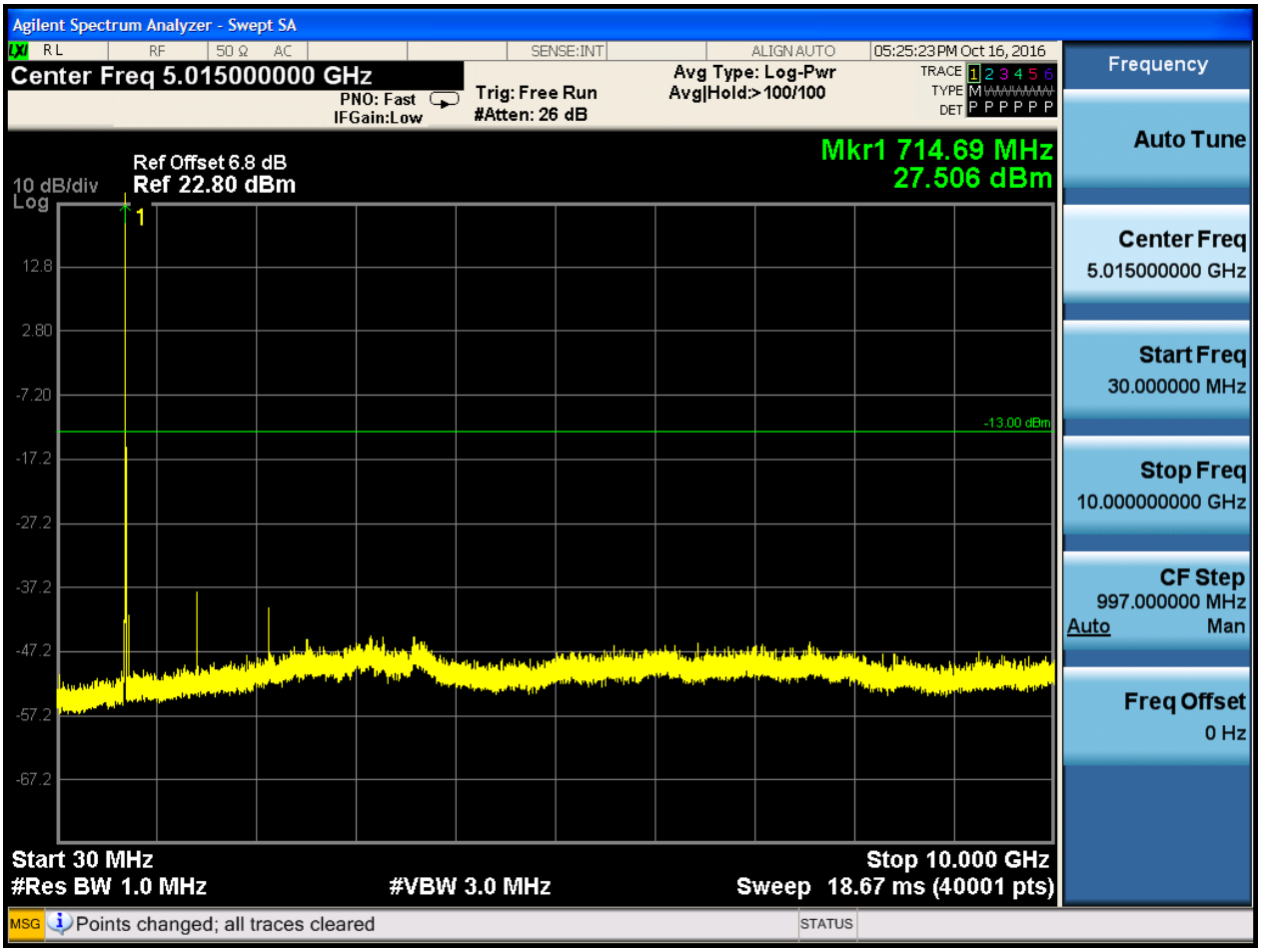


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0







6.1.1.1.2 Test Bandwidth = 3

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0