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
BAND17	LTE/TM1	5	LCH	RB1#0	22.06	16.71	34.7	PASS
				RB1#13	22.43	17.08	34.7	PASS
				RB1#24	22.96	17.61	34.7	PASS
				RB12#0	21.2	15.85	34.7	PASS
				RB12#6	21.34	15.99	34.7	PASS
				RB12#13	21.19	15.84	34.7	PASS
				RB25#0	21.14	15.79	34.7	PASS
			MCH	RB1#0	22.21	16.86	34.7	PASS
				RB1#13	22.45	17.1	34.7	PASS
				RB1#24	22.94	17.59	34.7	PASS
				RB12#0	21.38	16.03	34.7	PASS
				RB12#6	21.52	16.17	34.7	PASS
				RB12#13	21.29	15.94	34.7	PASS
				RB25#0	21.31	15.96	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.07	16.72	34.7	PASS
				RB1#13	22.34	16.99	34.7	PASS
				RB1#24	22.69	17.34	34.7	PASS
				RB12#0	21.34	15.99	34.7	PASS
				RB12#6	21.47	16.12	34.7	PASS
				RB12#13	21.17	15.82	34.7	PASS
				RB25#0	21.31	15.96	34.7	PASS
		10	LCH	RB1#0	22.43	17.08	34.7	PASS
				RB1#25	22.92	17.57	34.7	PASS
				RB1#49	22.26	16.91	34.7	PASS
				RB25#0	21.61	16.26	34.7	PASS
				RB25#13	21.79	16.44	34.7	PASS
				RB25#25	21.6	16.25	34.7	PASS
				RB50#0	21.63	16.28	34.7	PASS
			MCH	RB1#0	22.55	17.2	34.7	PASS
				RB1#25	22.99	17.64	34.7	PASS
				RB1#49	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
				RB25#0	21.64	16.29	34.7	PASS
				RB25#13	21.79	16.44	34.7	PASS
				RB25#25	21.54	16.19	34.7	PASS
				RB50#0	21.66	16.31	34.7	PASS
			HCH	RB1#0	22.58	17.23	34.7	PASS
				RB1#25	22.9	17.55	34.7	PASS
				RB1#49	22.14	16.79	34.7	PASS
				RB25#0	21.75	16.4	34.7	PASS
				RB25#13	21.77	16.42	34.7	PASS
				RB25#25	21.53	16.18	34.7	PASS
				RB50#0	21.65	16.3	34.7	PASS
	LTE/TM2	5	LCH	RB1#0	21.24	15.89	34.7	PASS
				RB1#13	21.58	16.23	34.7	PASS
				RB1#24	22.18	16.83	34.7	PASS
				RB12#0	20.24	14.89	34.7	PASS
				RB12#6	20.41	15.06	34.7	PASS
				RB12#13	20.23	14.88	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.19	14.84	34.7	PASS
			MCH	RB1#0	21.35	16	34.7	PASS
				RB1#13	21.47	16.12	34.7	PASS
				RB1#24	22.07	16.72	34.7	PASS
				RB12#0	20.4	15.05	34.7	PASS
				RB12#6	20.49	15.14	34.7	PASS
				RB12#13	20.29	14.94	34.7	PASS
				RB25#0	20.35	15	34.7	PASS
			HCH	RB1#0	21.52	16.17	34.7	PASS
				RB1#13	21.48	16.13	34.7	PASS
				RB1#24	22.11	16.76	34.7	PASS
				RB12#0	20.41	15.06	34.7	PASS
				RB12#6	20.52	15.17	34.7	PASS
				RB12#13	20.21	14.86	34.7	PASS
				RB25#0	20.29	14.94	34.7	PASS
		10	LCH	RB1#0	21.63	16.28	34.7	PASS
				RB1#25	22.18	16.83	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.59	16.24	34.7	PASS
				RB25#0	20.6	15.25	34.7	PASS
				RB25#13	20.85	15.5	34.7	PASS
				RB25#25	20.62	15.27	34.7	PASS
				RB50#0	20.66	15.31	34.7	PASS
			MCH	RB1#0	21.67	16.32	34.7	PASS
				RB1#25	22.08	16.73	34.7	PASS
				RB1#49	21.47	16.12	34.7	PASS
				RB25#0	20.66	15.31	34.7	PASS
				RB25#13	20.86	15.51	34.7	PASS
				RB25#25	20.65	15.3	34.7	PASS
				RB50#0	20.75	15.4	34.7	PASS
			HCH	RB1#0	21.75	16.4	34.7	PASS
				RB1#25	22.07	16.72	34.7	PASS
				RB1#49	21.32	15.97	34.7	PASS
				RB25#0	20.87	15.52	34.7	PASS
				RB25#13	20.89	15.54	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.65	15.3	34.7	PASS
				RB50#0	20.76	15.41	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 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
BAND17	LTE/TM1	5	LCH	RB1#0	5.02	13	PASS
				RB1#13	5.02	13	PASS
				RB1#24	4.66	13	PASS
				RB12#0	5.62	13	PASS
				RB12#6	5.54	13	PASS
				RB12#13	5.71	13	PASS
				RB25#0	5.77	13	PASS
			MCH	RB1#0	4.87	13	PASS
				RB1#13	4.71	13	PASS
				RB1#24	4.57	13	PASS
				RB12#0	5.64	13	PASS
				RB12#6	5.65	13	PASS
				RB12#13	5.79	13	PASS
				RB25#0	5.91	13	PASS
			HCH	RB1#0	4.81	13	PASS
				RB1#13	4.65	13	PASS
				RB1#24	4.38	13	PASS
				RB12#0	5.63	13	PASS
				RB12#6	5.57	13	PASS
				RB12#13	5.68	13	PASS
				RB25#0	5.73	13	PASS
		10	LCH	RB1#0	4.57	13	PASS
				RB1#25	4.61	13	PASS
				RB1#49	4.98	13	PASS
				RB25#0	5.64	13	PASS
				RB25#13	5.69	13	PASS
				RB25#25	5.86	13	PASS
				RB50#0	5.91	13	PASS
			MCH	RB1#0	4.55	13	PASS
				RB1#25	4.63	13	PASS
				RB1#49	4.82	13	PASS
				RB25#0	5.72	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.62	13	PASS
				RB25#25	5.87	13	PASS
				RB50#0	5.95	13	PASS
			HCH	RB1#0	4.47	13	PASS
				RB1#25	4.56	13	PASS
				RB1#49	4.68	13	PASS
				RB25#0	5.66	13	PASS
				RB25#13	5.74	13	PASS
				RB25#25	5.7	13	PASS
				RB50#0	5.89	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.52	13	PASS
				RB1#13	5.69	13	PASS
				RB1#24	5.17	13	PASS
				RB12#0	6.34	13	PASS
				RB12#6	6.43	13	PASS
				RB12#13	6.49	13	PASS
				RB25#0	6.72	13	PASS
			MCH	RB1#0	5.58	13	PASS
				RB1#13	5.53	13	PASS
				RB1#24	5.16	13	PASS
				RB12#0	6.52	13	PASS
				RB12#6	6.51	13	PASS
				RB12#13	6.54	13	PASS
				RB25#0	6.83	13	PASS
			HCH	RB1#0	5.27	13	PASS
				RB1#13	5.76	13	PASS
				RB1#24	4.92	13	PASS
				RB12#0	6.36	13	PASS
				RB12#6	6.34	13	PASS
				RB12#13	6.29	13	PASS
				RB25#0	6.52	13	PASS
		10	LCH	RB1#0	4.89	13	PASS
				RB1#25	5.23	13	PASS
				RB1#49	5.19	13	PASS
				RB25#0	6.28	13	PASS
				RB25#13	6.29	13	PASS
				RB25#25	6.24	13	PASS
				RB50#0	6.73	13	PASS
			MCH	RB1#0	4.74	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.2	13	PASS
				RB1#49	4.97	13	PASS
				RB25#0	6.23	13	PASS
				RB25#13	6.31	13	PASS
				RB25#25	6.22	13	PASS
				RB50#0	6.76	13	PASS
			HCH	RB1#0	5.02	13	PASS
				RB1#25	5.13	13	PASS
				RB1#49	5.38	13	PASS
				RB25#0	6.12	13	PASS
				RB25#13	6.29	13	PASS
				RB25#25	6.08	13	PASS
				RB50#0	6.59	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

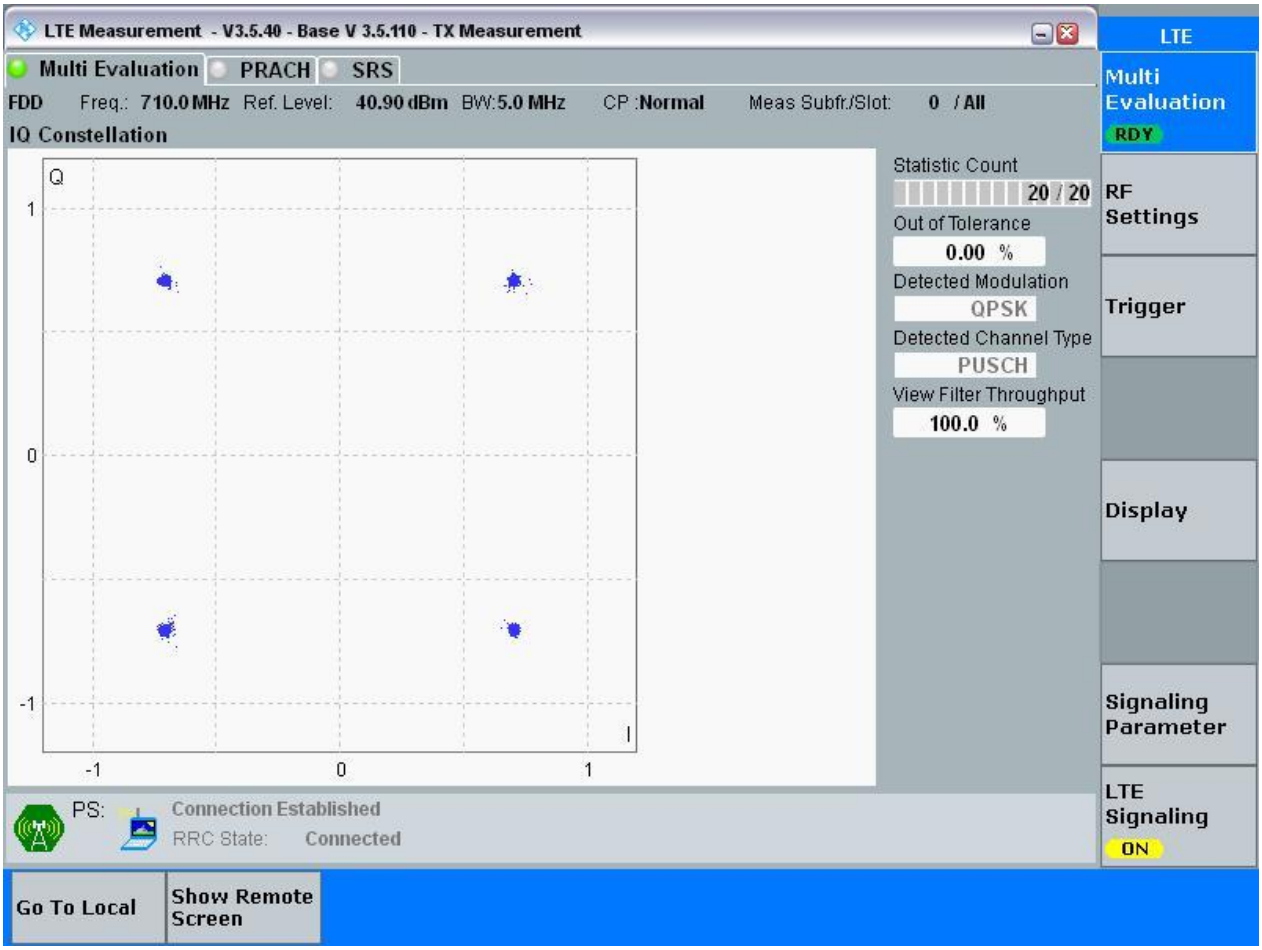
3.1.1 Test Band = BAND17

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 5

3.1.1.1.1.1 Test Channel = MCH

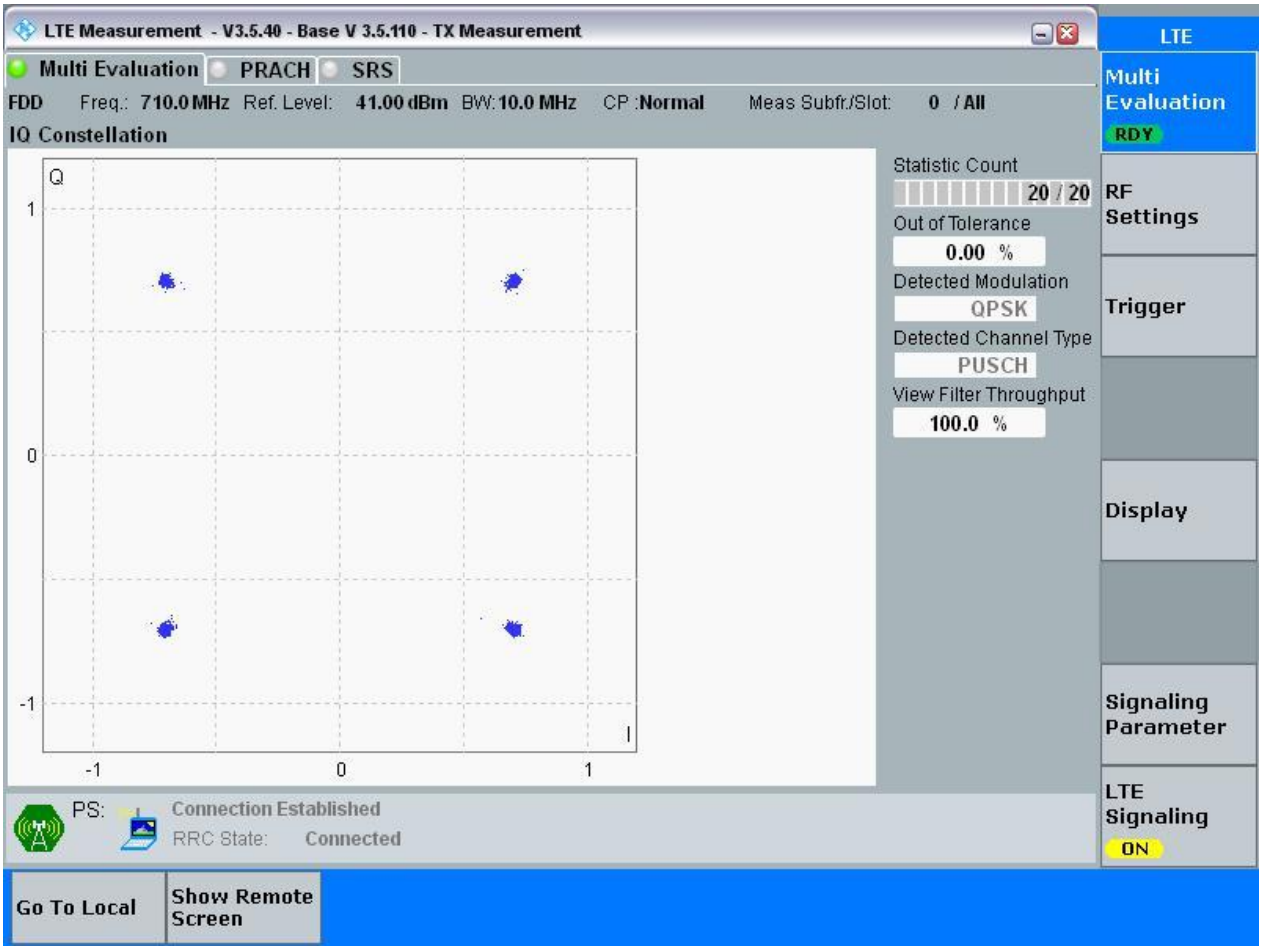
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB50#0

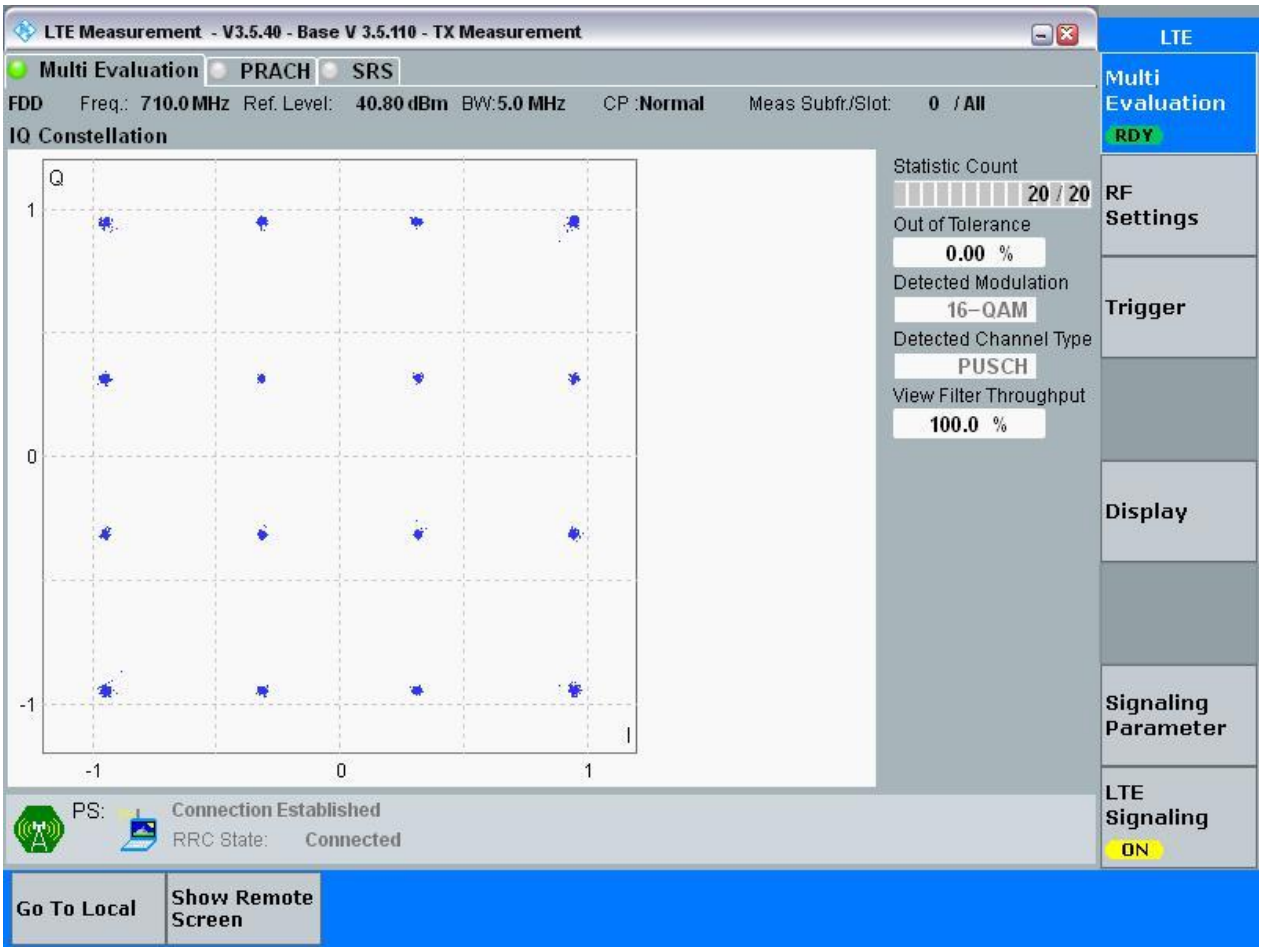


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

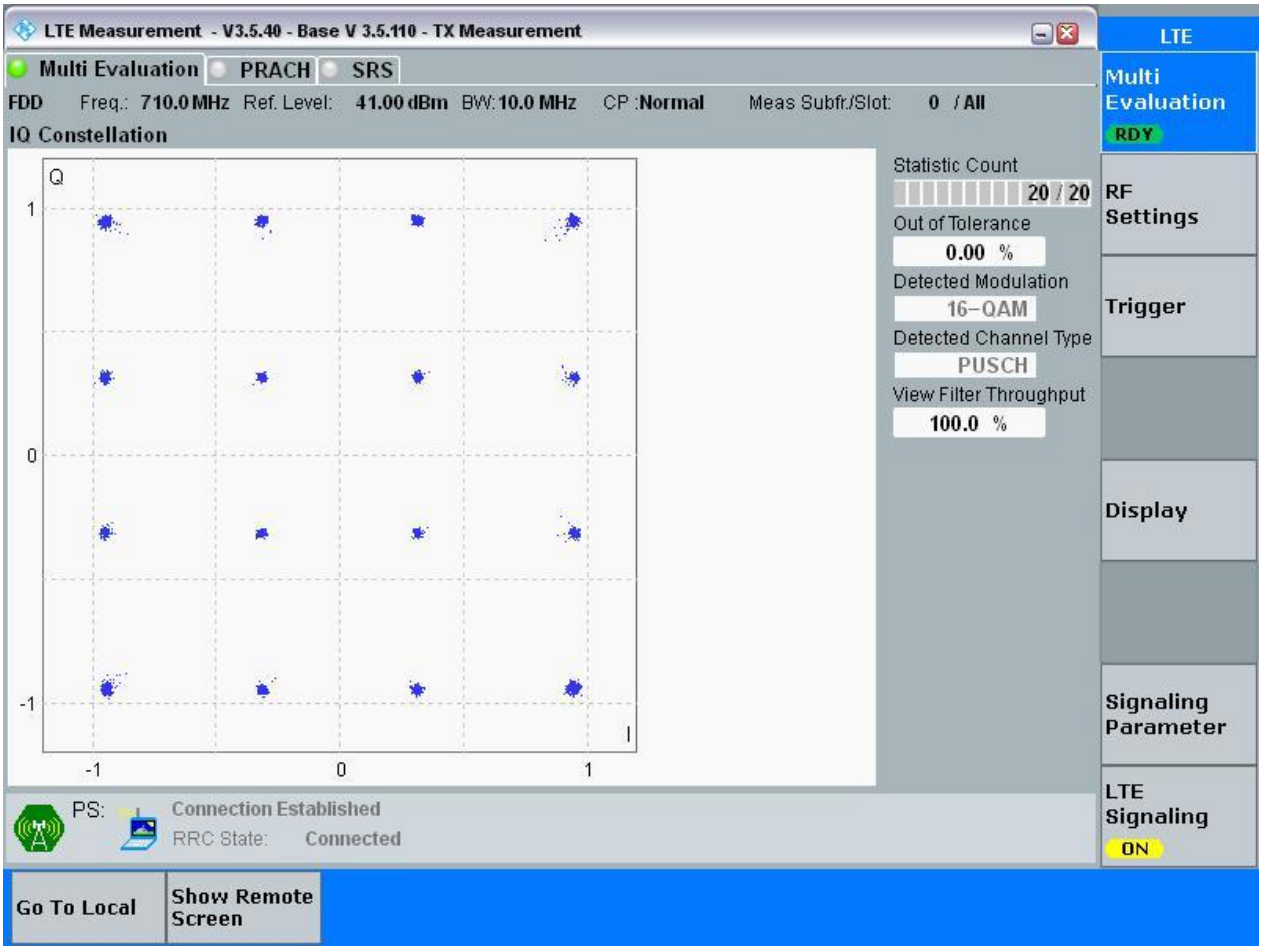
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 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
BAND17	LTE/TM1	5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.50	4.97	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	8.98	9.89	Pass
			MCH	RB50#0	8.97	9.93	Pass
			HCH	RB50#0	8.98	9.86	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.50	4.95	Pass
		10	LCH	RB50#0	8.97	9.90	Pass
			MCH	RB50#0	8.98	9.89	Pass
			HCH	RB50#0	8.97	9.84	Pass

Part II - Test Plots

4.1 For LTE

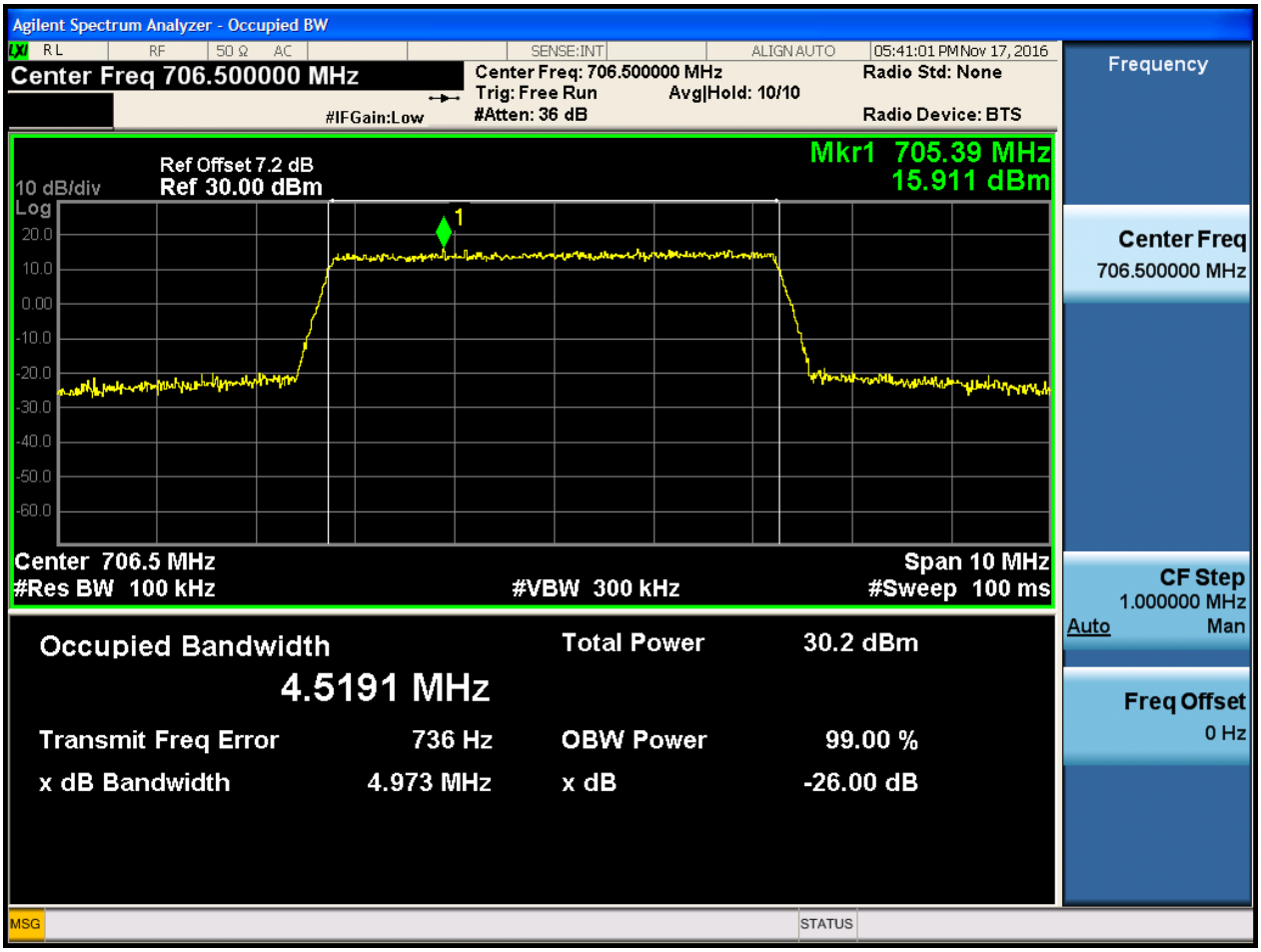
4.1.2 Test Band = BAND17

4.1.2.1 Test Mode = LTE/TM1

4.1.2.1.1 Test Bandwidth = 5

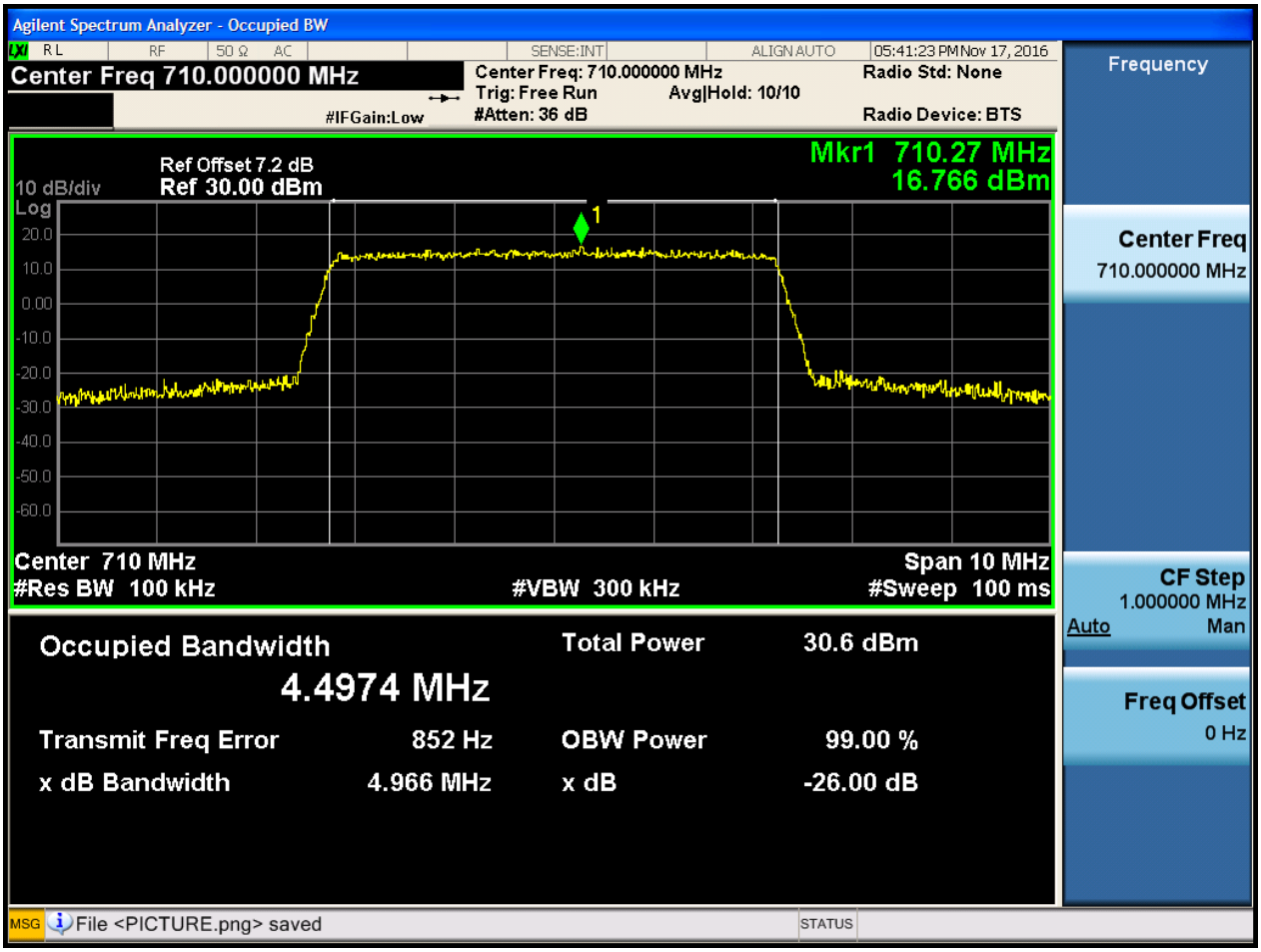
4.1.2.1.1.1 Test Channel = LCH

4.1.2.1.1.1.1 Test RB = RB25#0



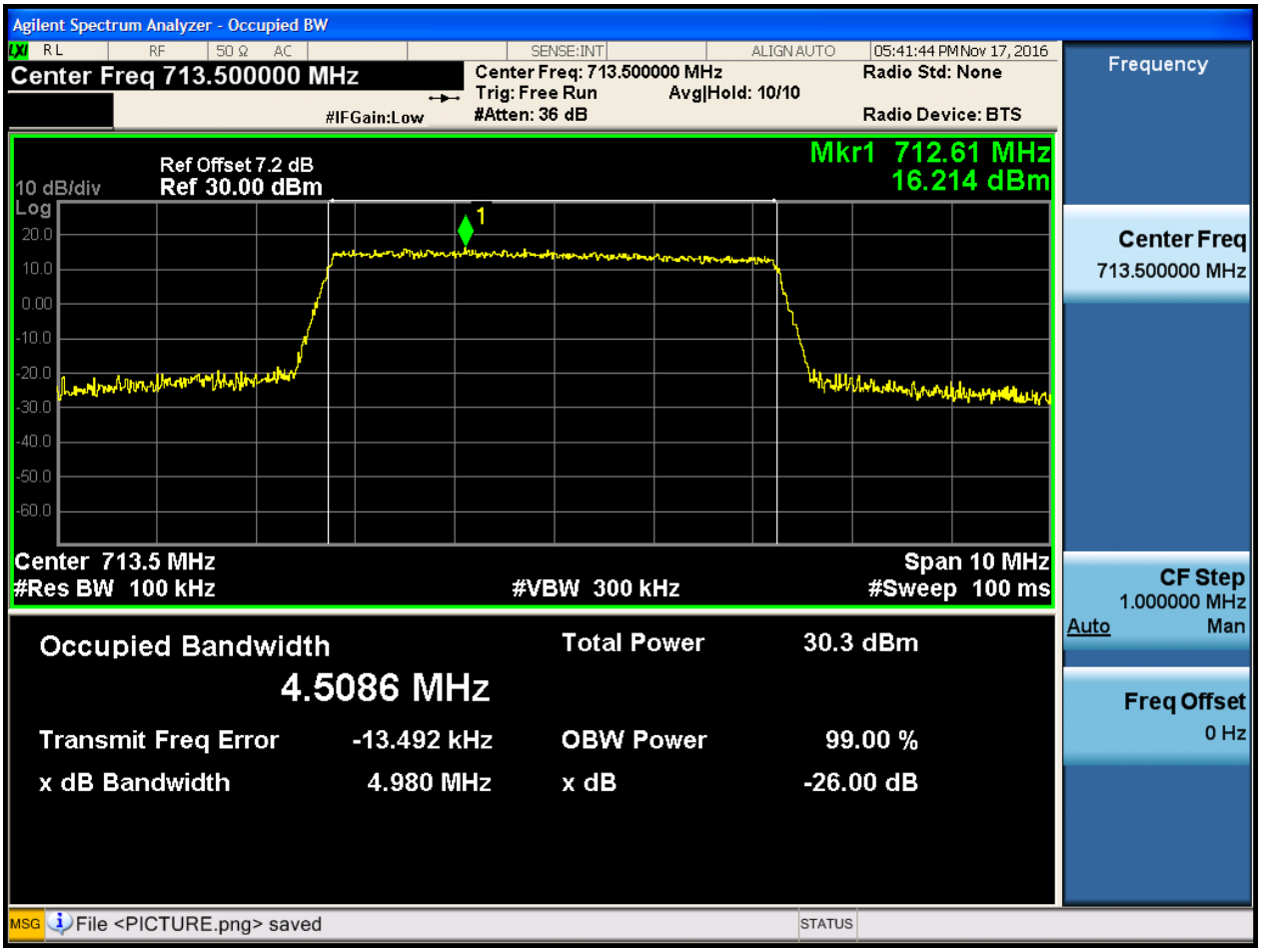
4.1.2.1.1.2 Test Channel = MCH

4.1.2.1.1.2.1 Test RB = RB25#0



4.1.2.1.1.3 Test Channel = HCH

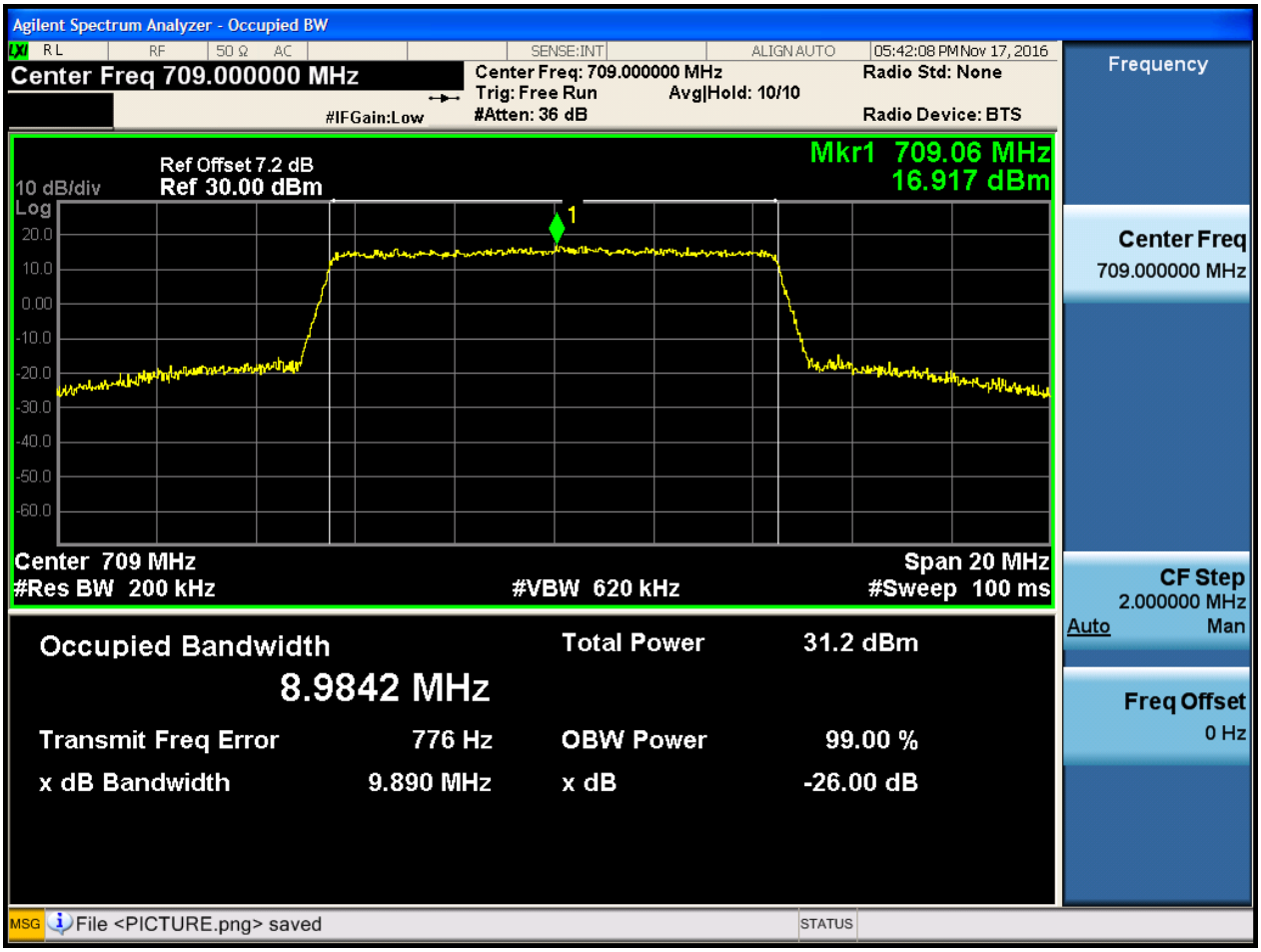
4.1.2.1.1.3.1 Test RB = RB25#0



4.1.2.1.2 Test Bandwidth = 10

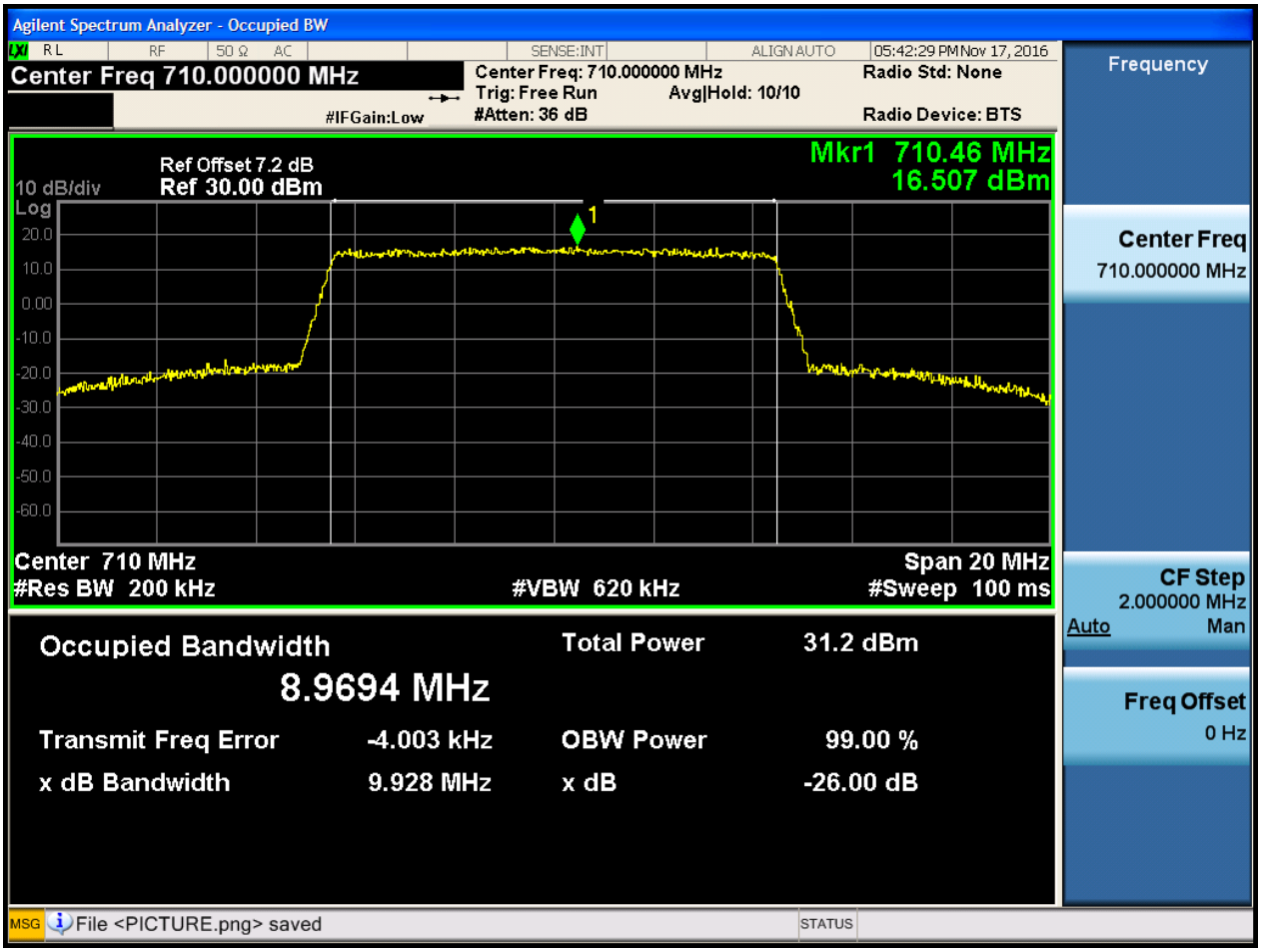
4.1.2.1.2.1 Test Channel = LCH

4.1.2.1.2.1.1 Test RB = RB50#0



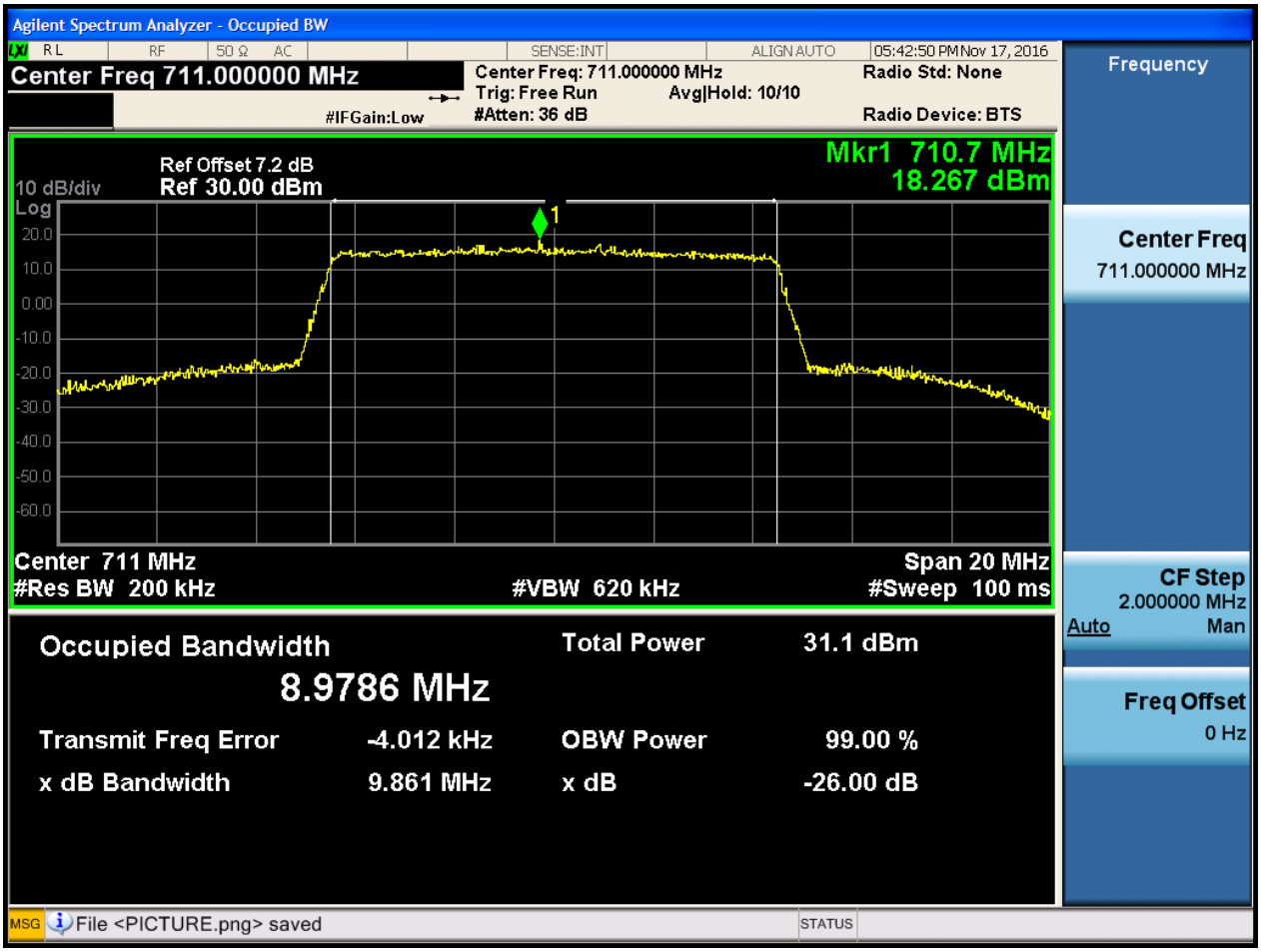
4.1.2.1.2.2 Test Channel = MCH

4.1.2.1.2.2.1 Test RB = RB50#0



4.1.2.1.2.3 Test Channel = HCH

4.1.2.1.2.3.1 Test RB = RB50#0

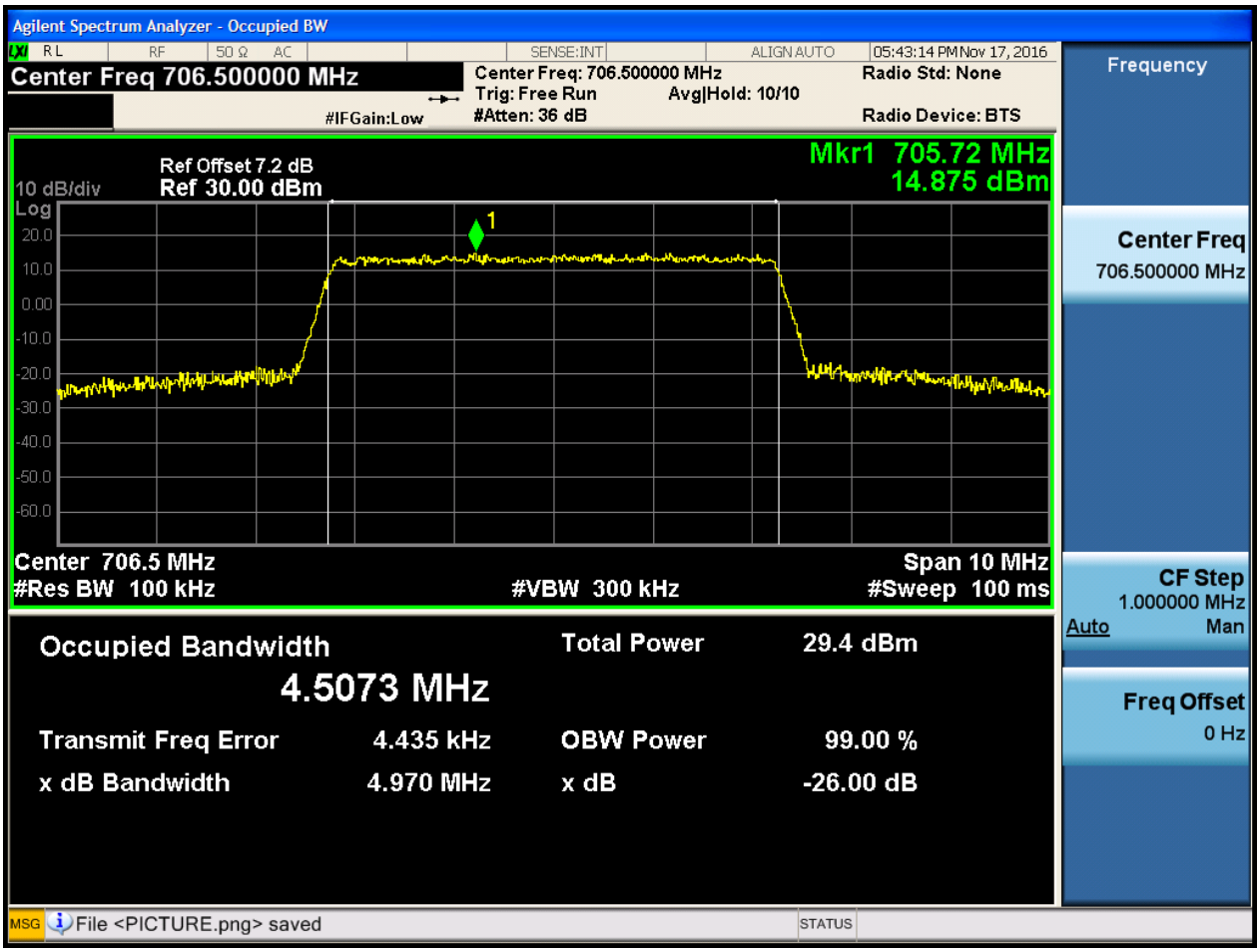


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 5

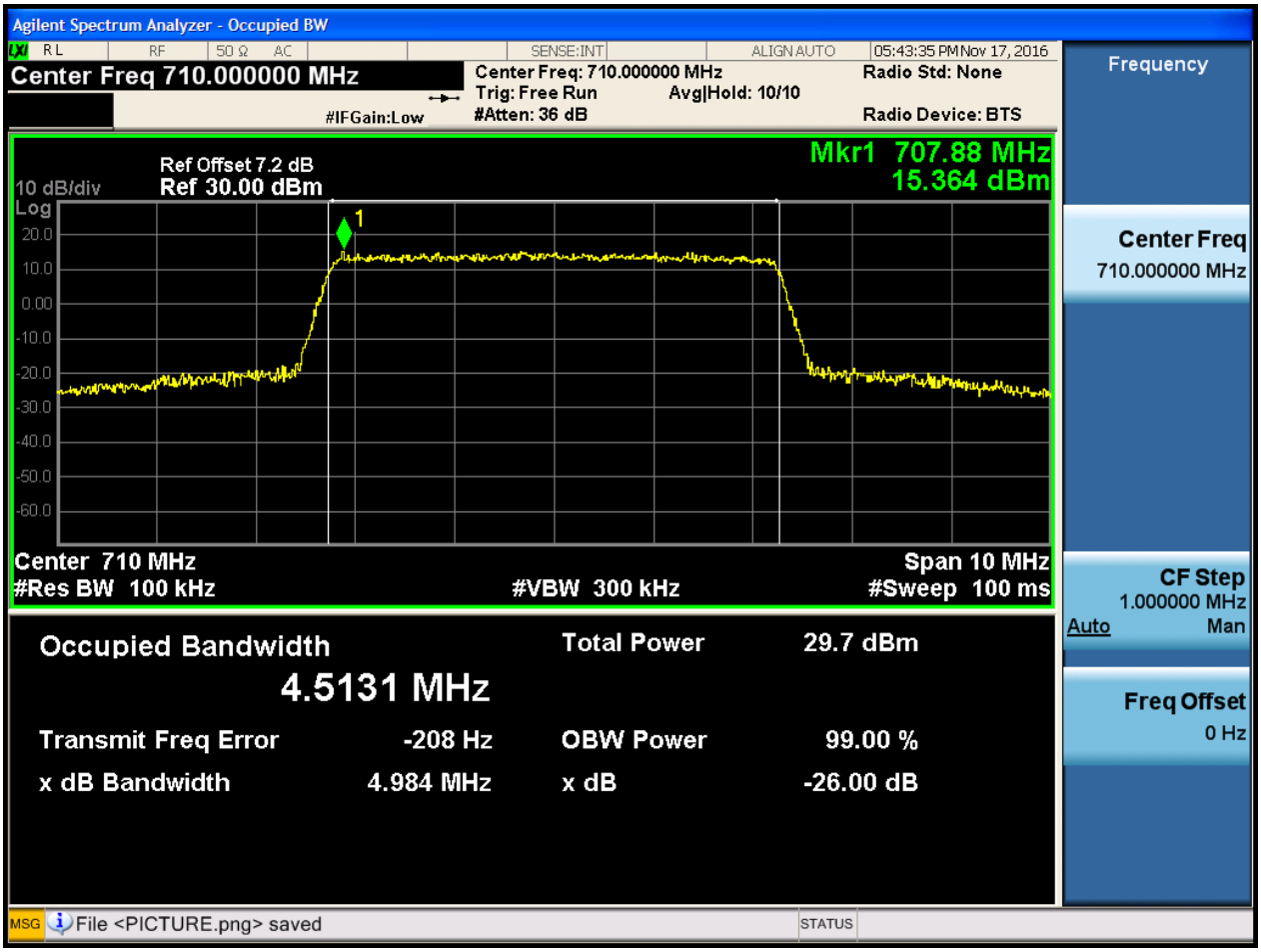
4.1.2.2.1.1 Test Channel = LCH

####### 4.1.2.2.1.1.1 Test RB = RB25#0



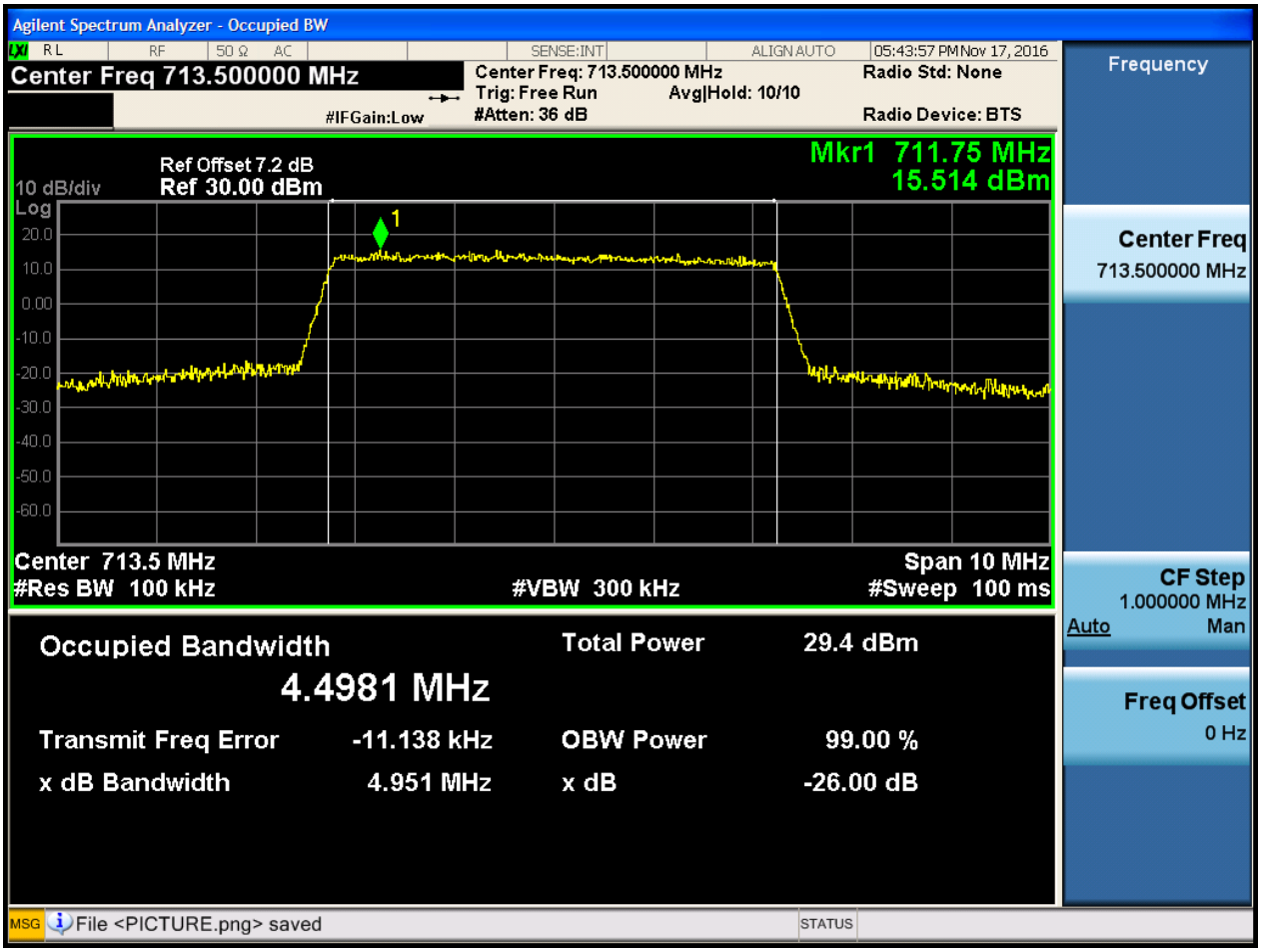
4.1.2.2.1.2 Test Channel = MCH

4.1.2.2.1.2.1 Test RB = RB25#0



4.1.2.2.1.3 Test Channel = HCH

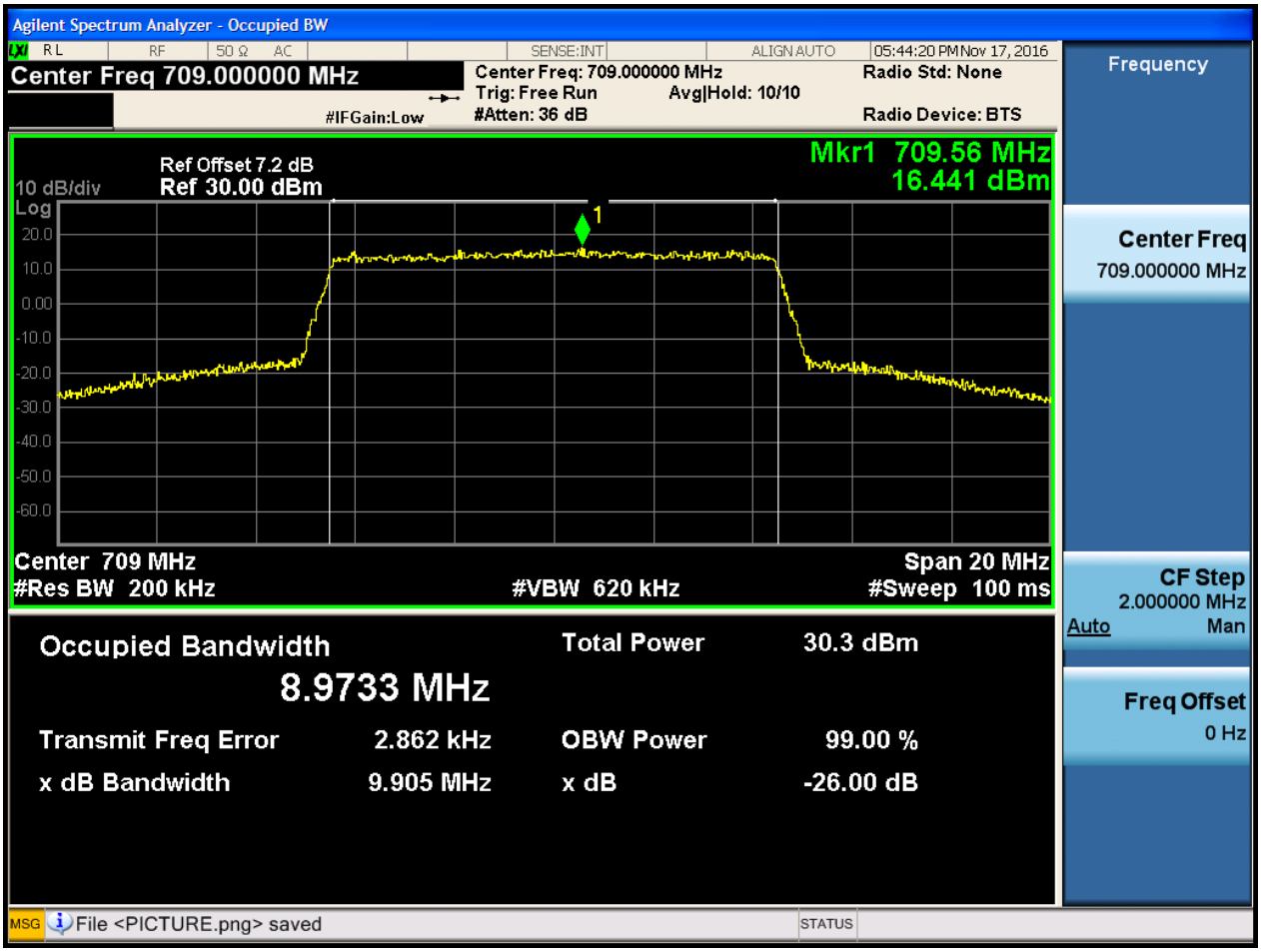
4.1.2.2.1.3.1 Test RB = RB25#0



4.1.2.2.2 Test Bandwidth = 10

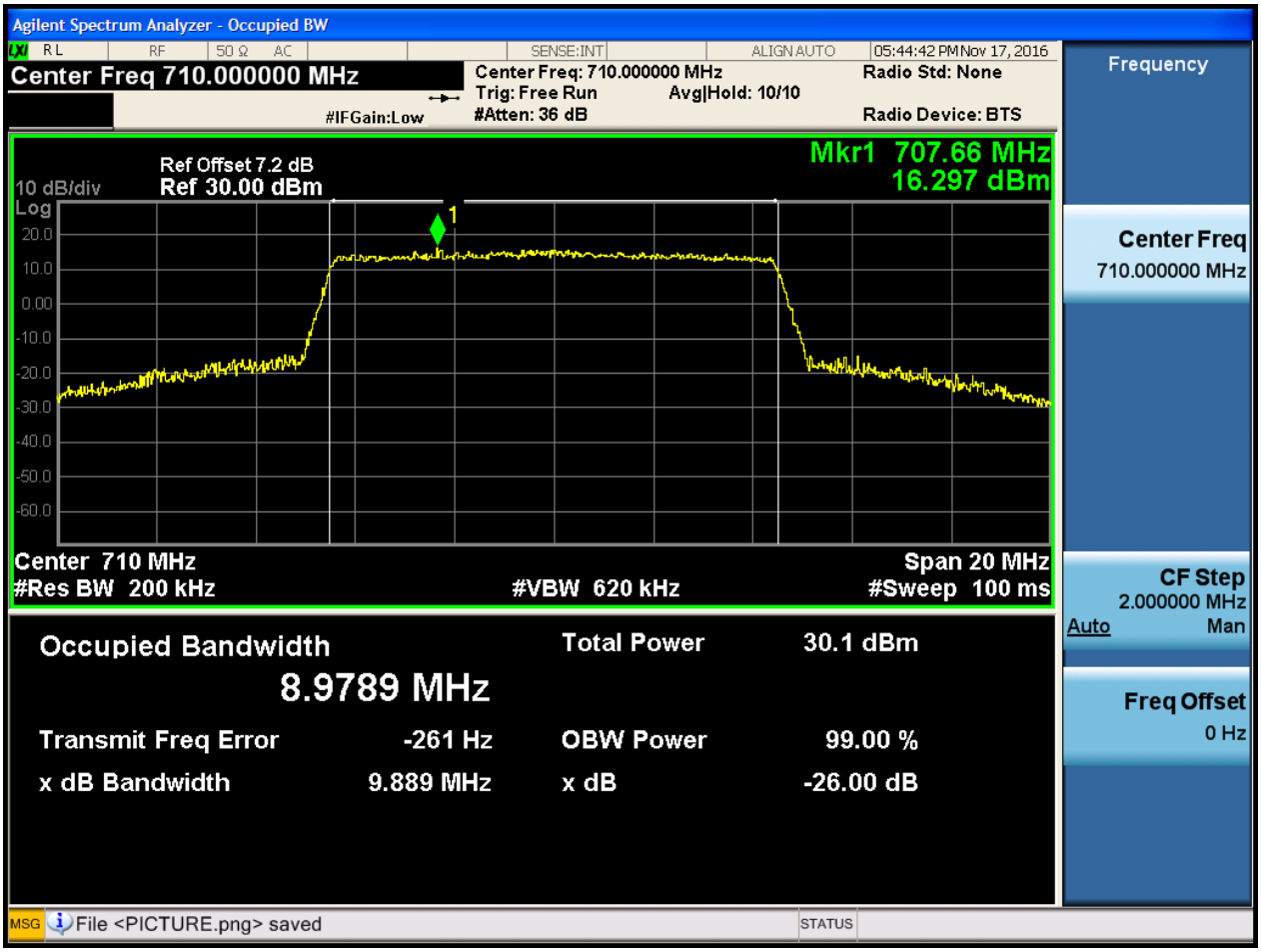
4.1.2.2.2.1 Test Channel = LCH

4.1.2.2.2.1.1 Test RB = RB50#0



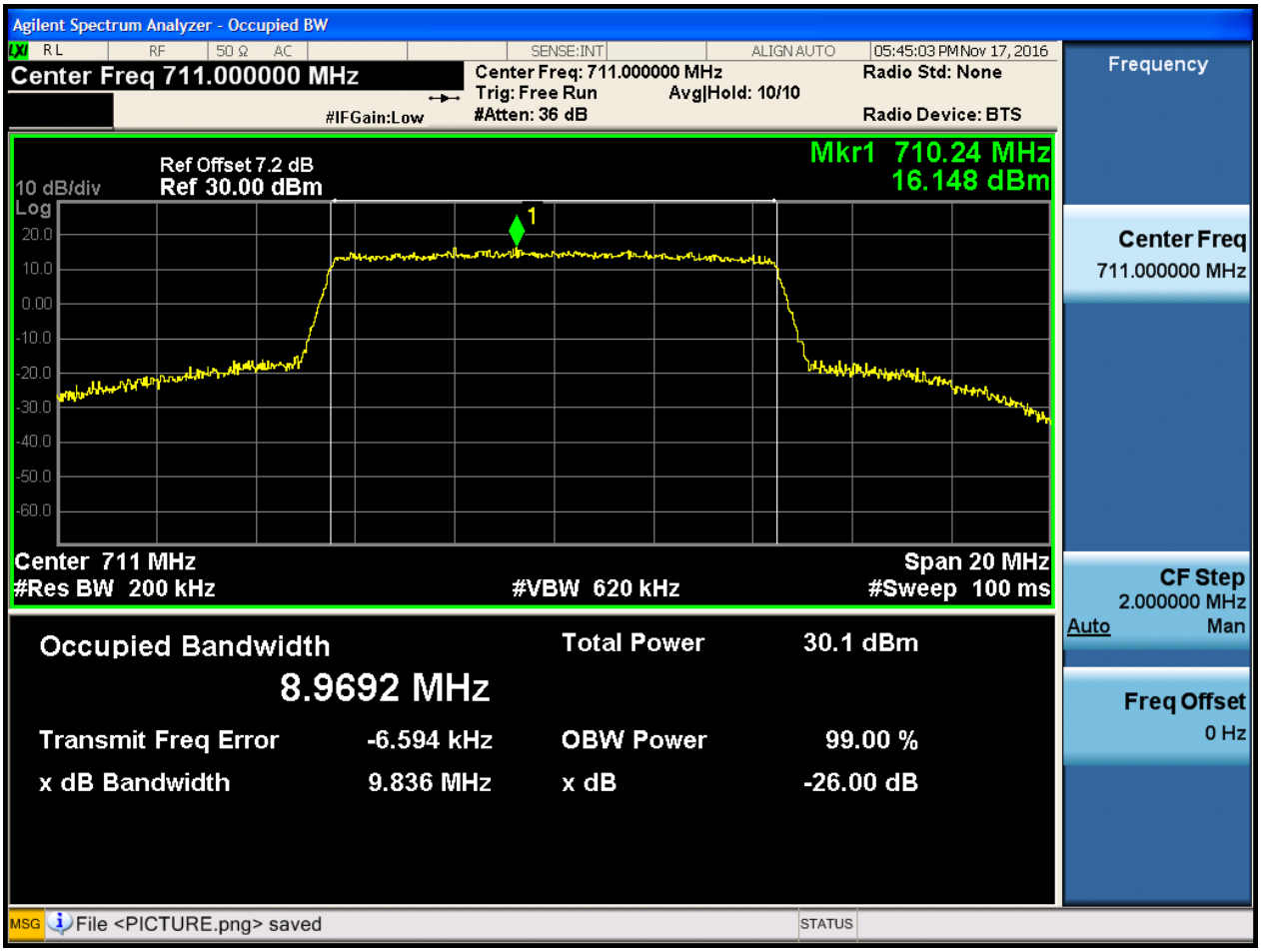
4.1.2.2.2 Test Channel = MCH

4.1.2.2.2.1 Test RB = RB50#0



4.1.2.2.2.3 Test Channel = HCH

4.1.2.2.2.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

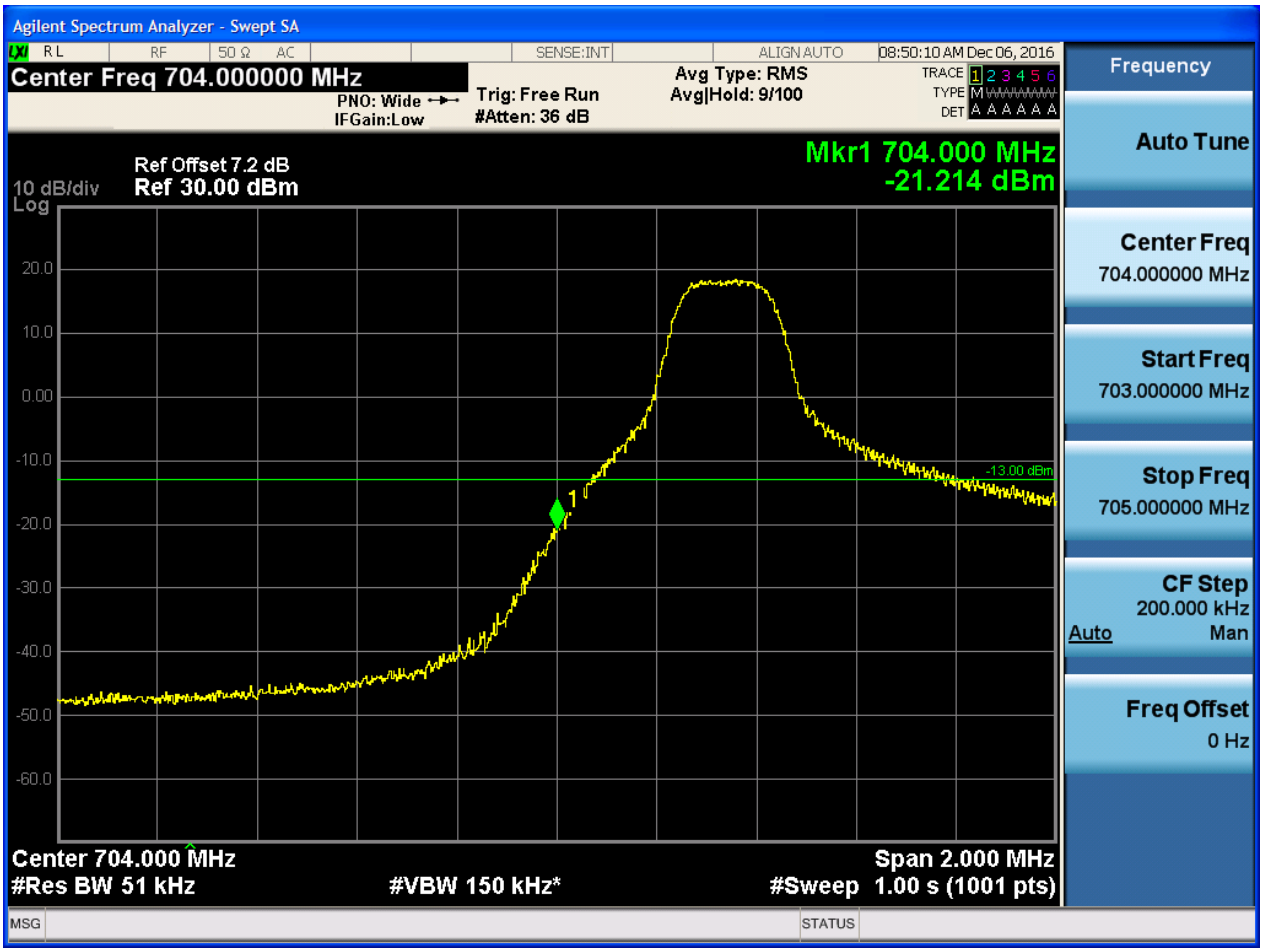
5.1.1 Test Band = BAND17

5.1.1.1 Test Mode = LTE/TM1

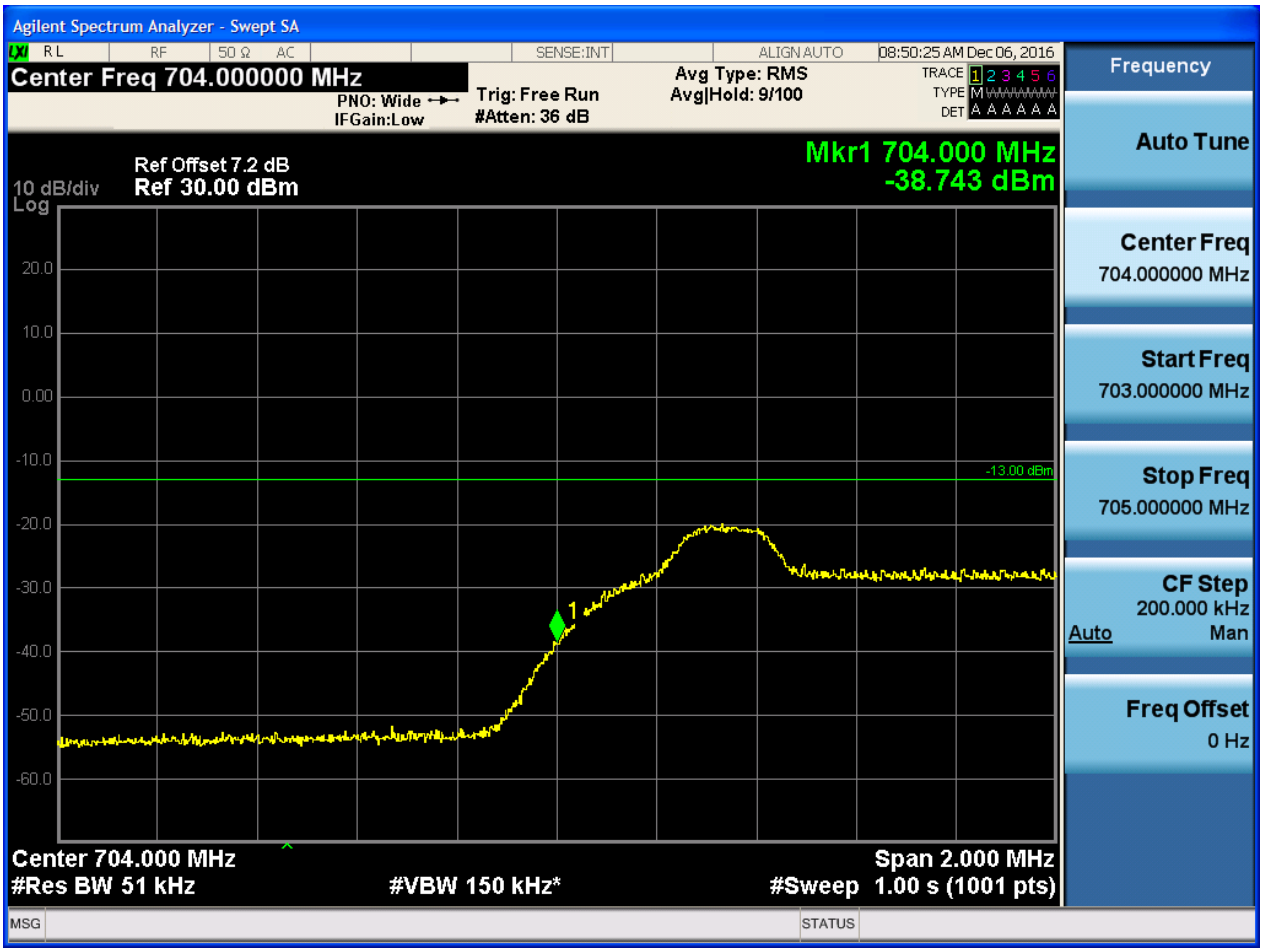
5.1.1.1.1 Test Bandwidth = 5

5.1.1.1.1.1 Test Channel = LCH

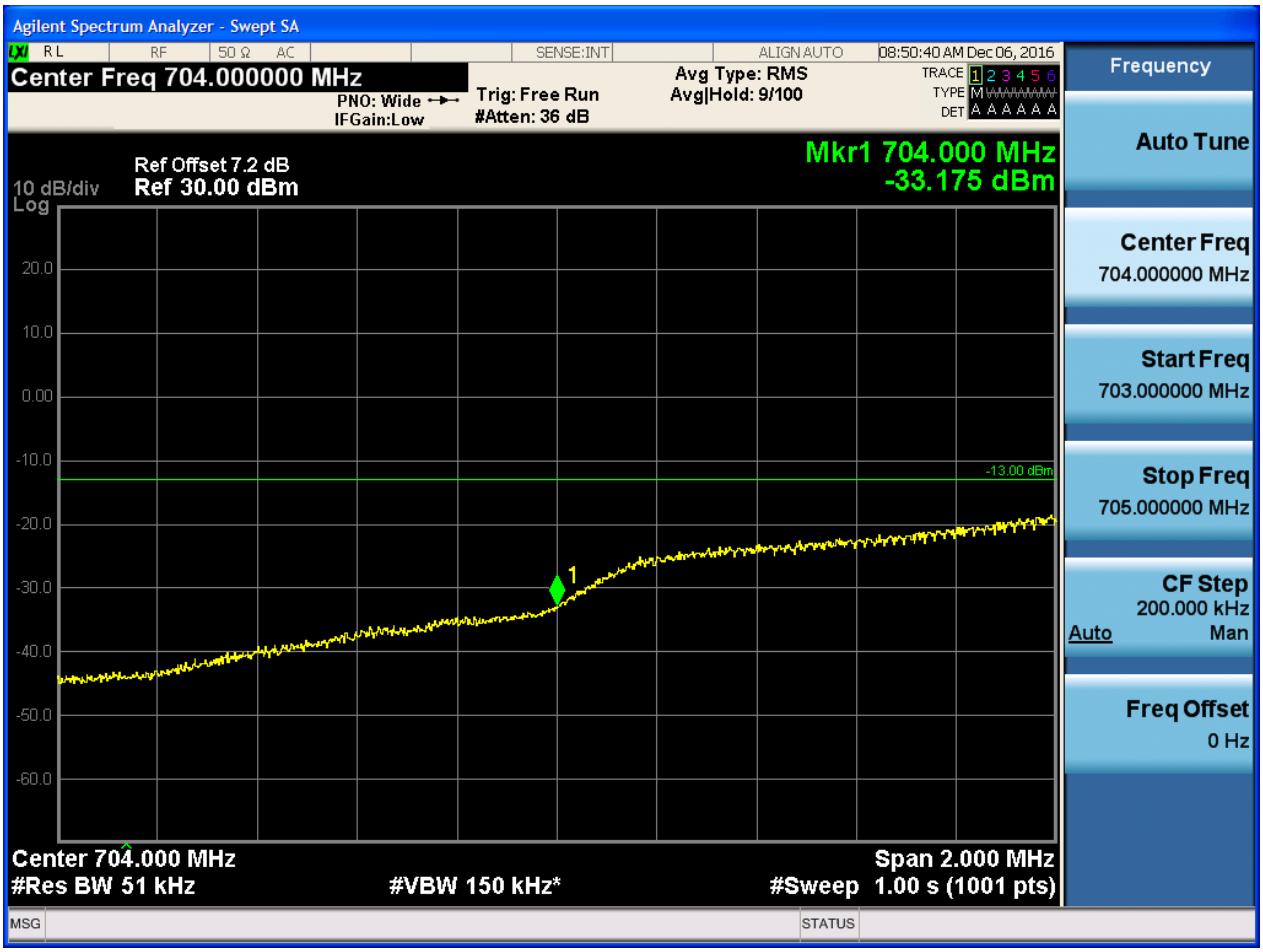
5.1.1.1.1.1.1 Test RB = RB1#0



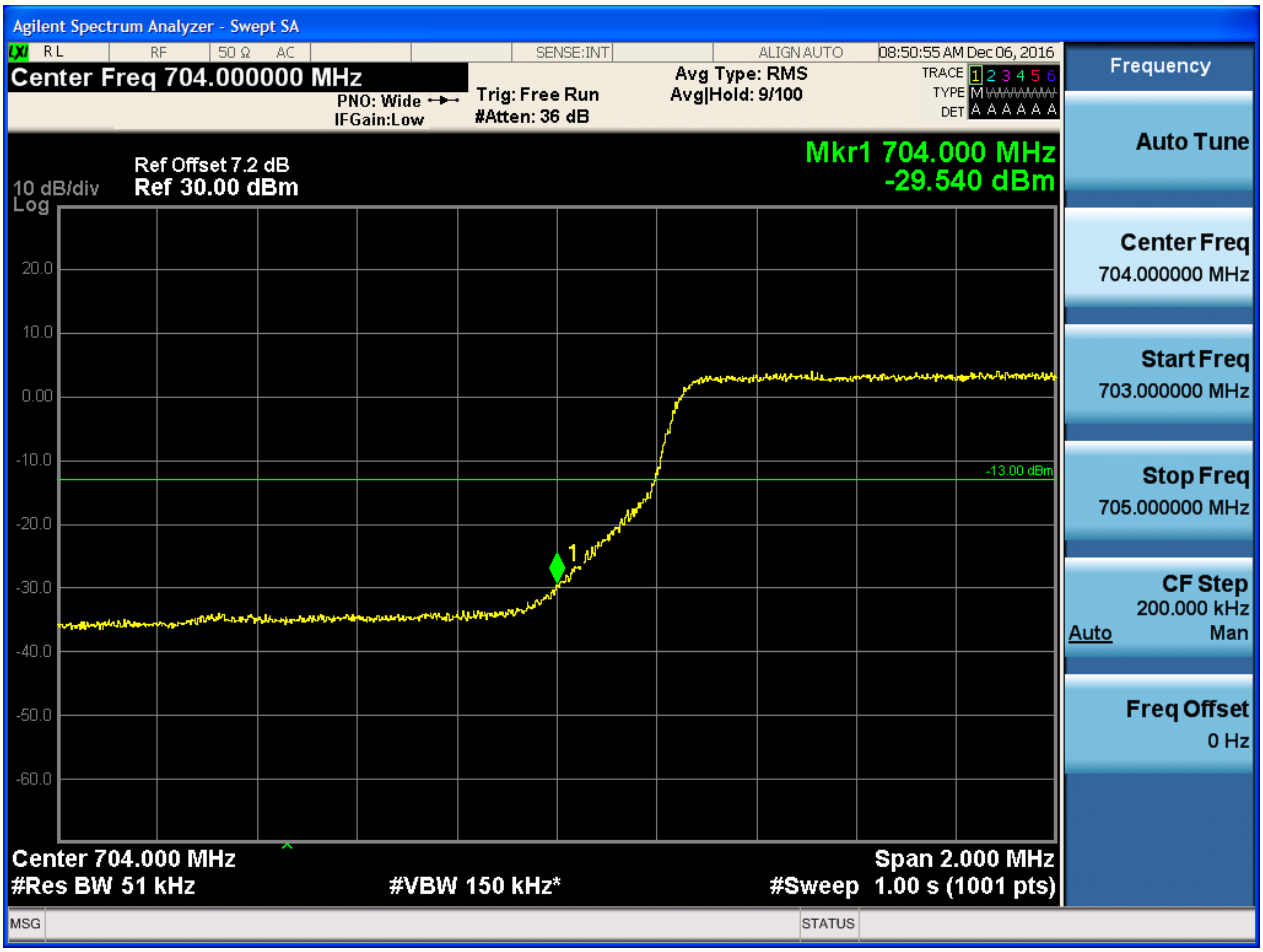
5.1.1.1.1.2 Test RB = RB1#24



5.1.1.1.1.3 Test RB = RB12#6

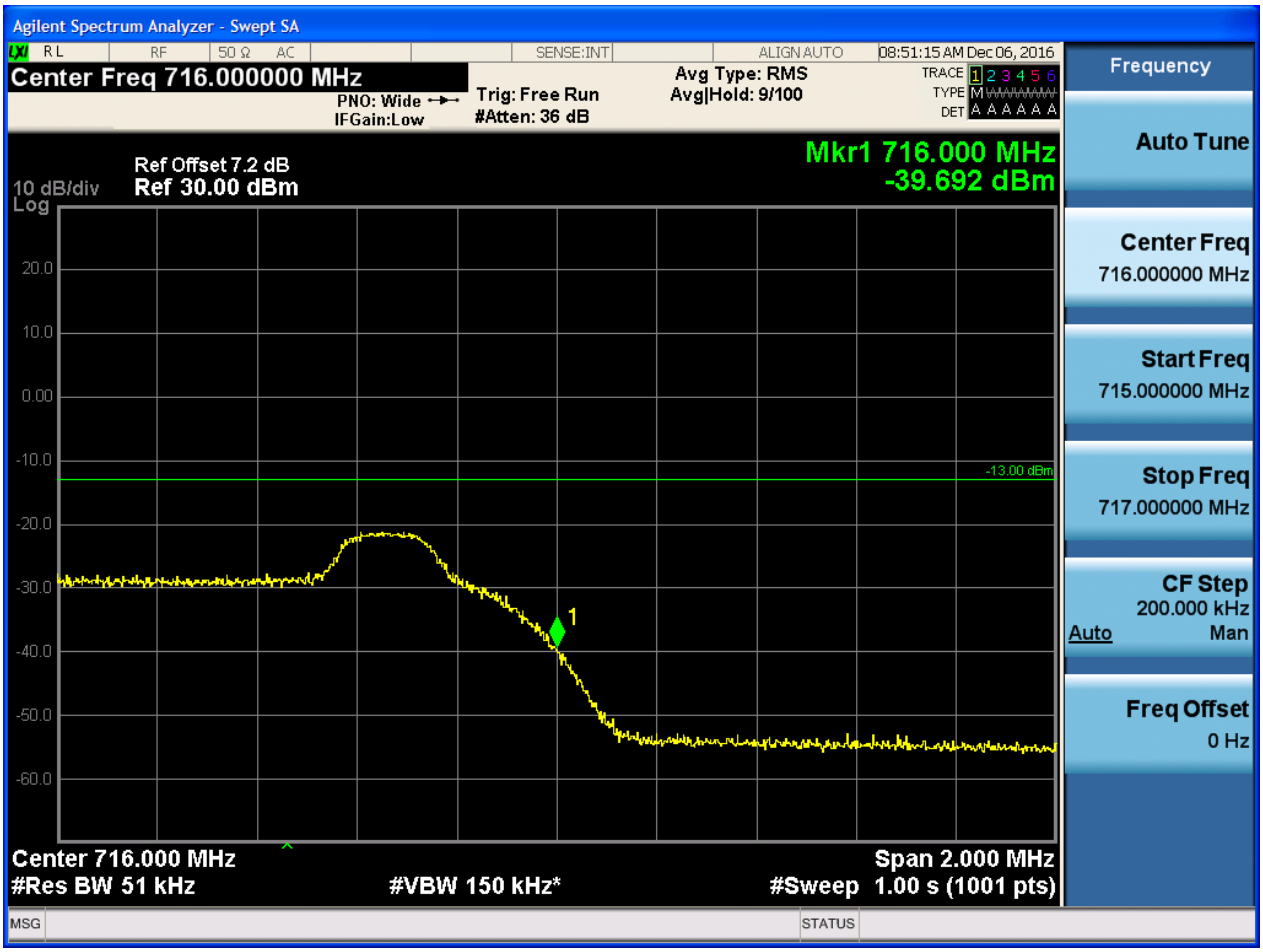


5.1.1.1.1.4 Test RB = RB25#0

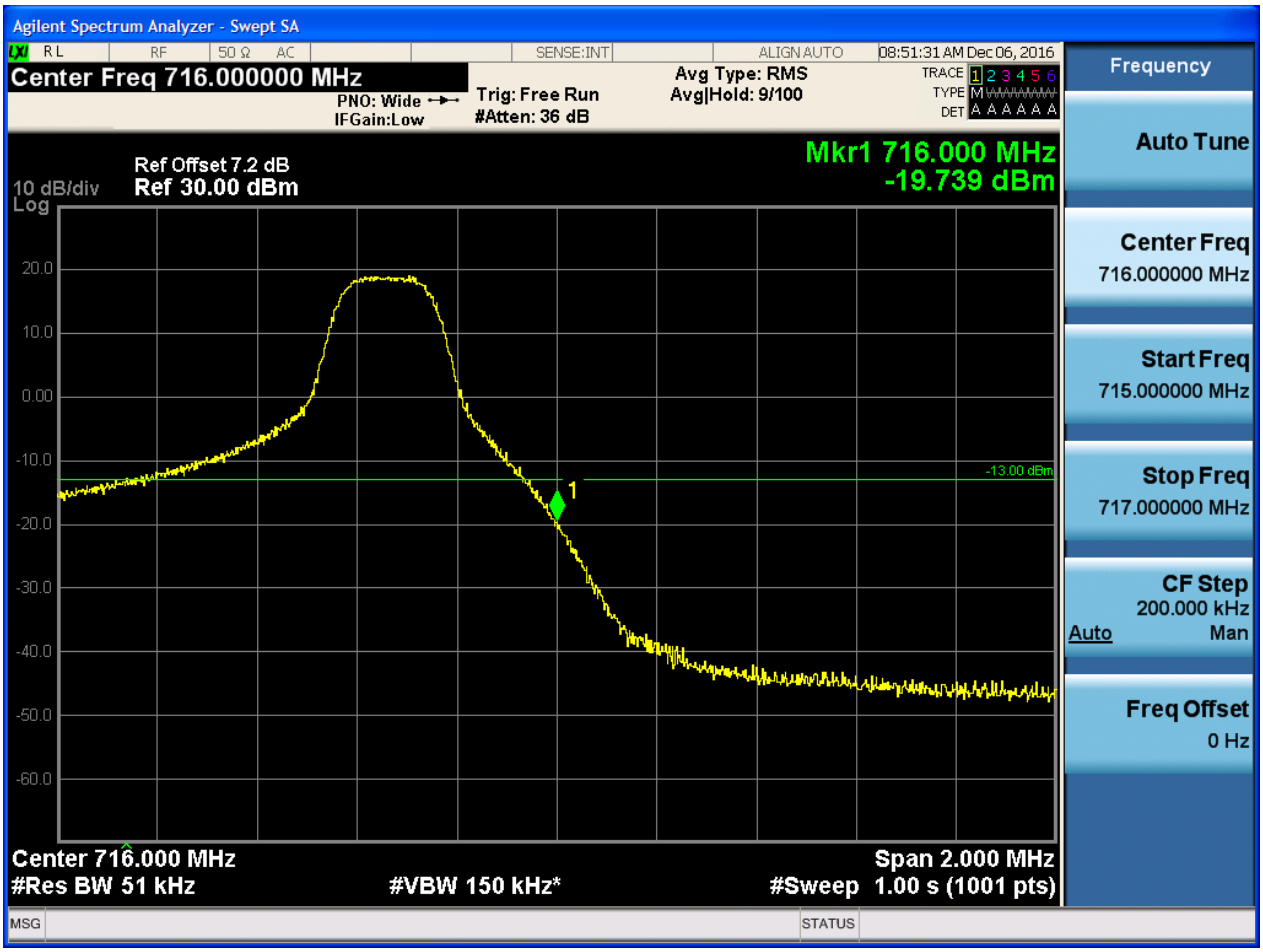


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.1.2.2 Test RB = RB1#24



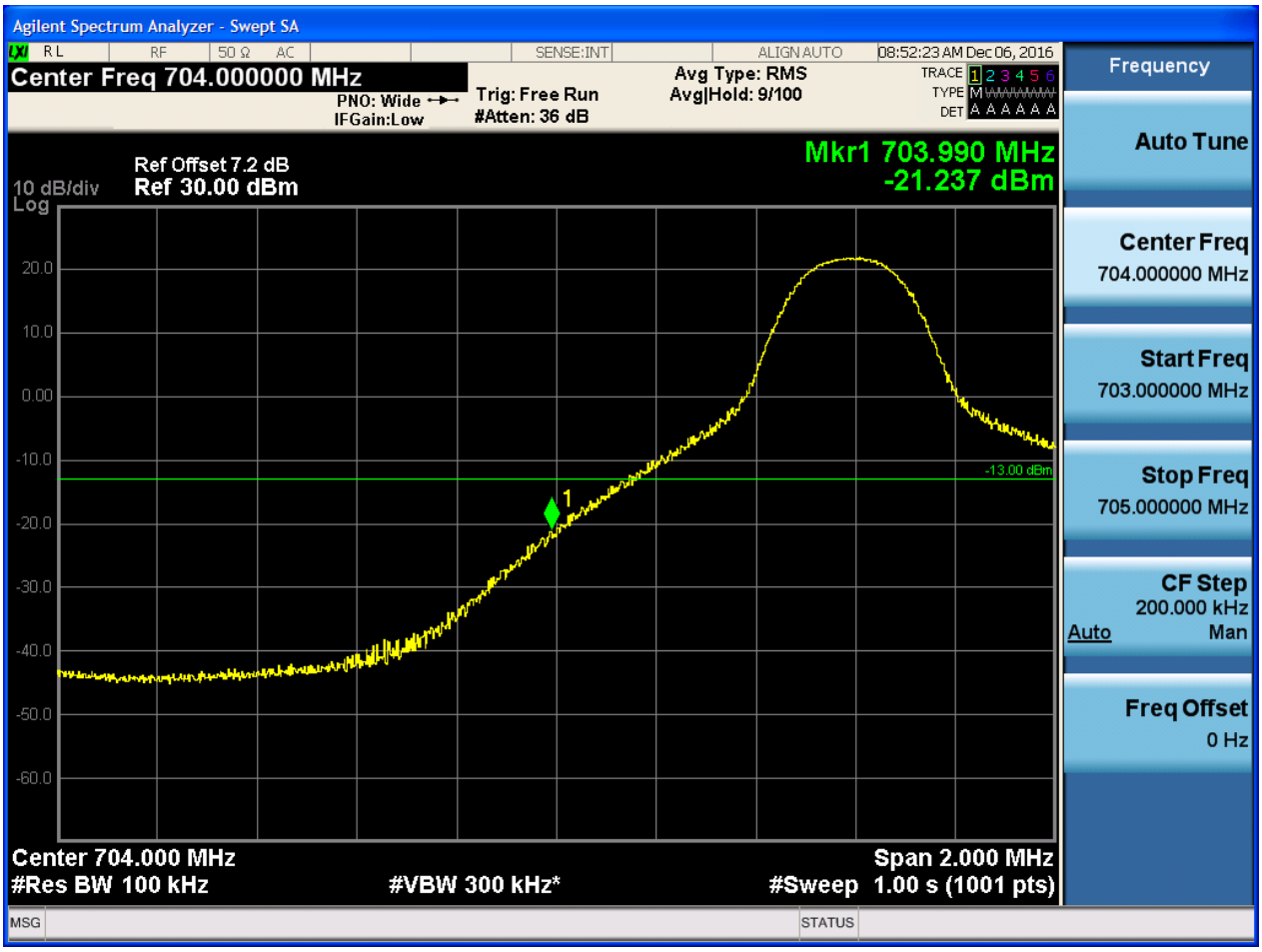
5.1.1.1.1.2.3 Test RB = RB12#6

5.1.1.1.1.2.4 Test RB = RB25#0

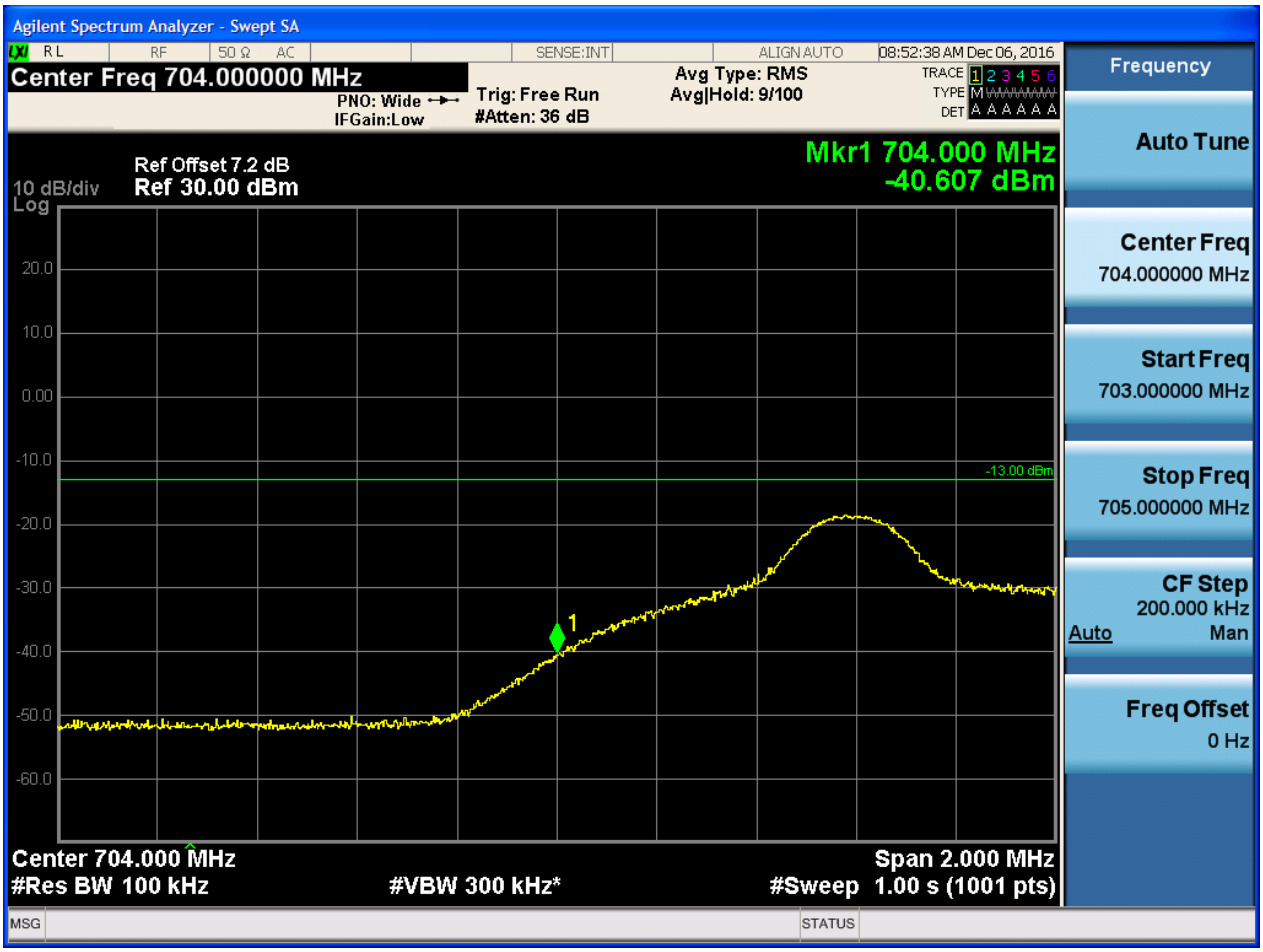
5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

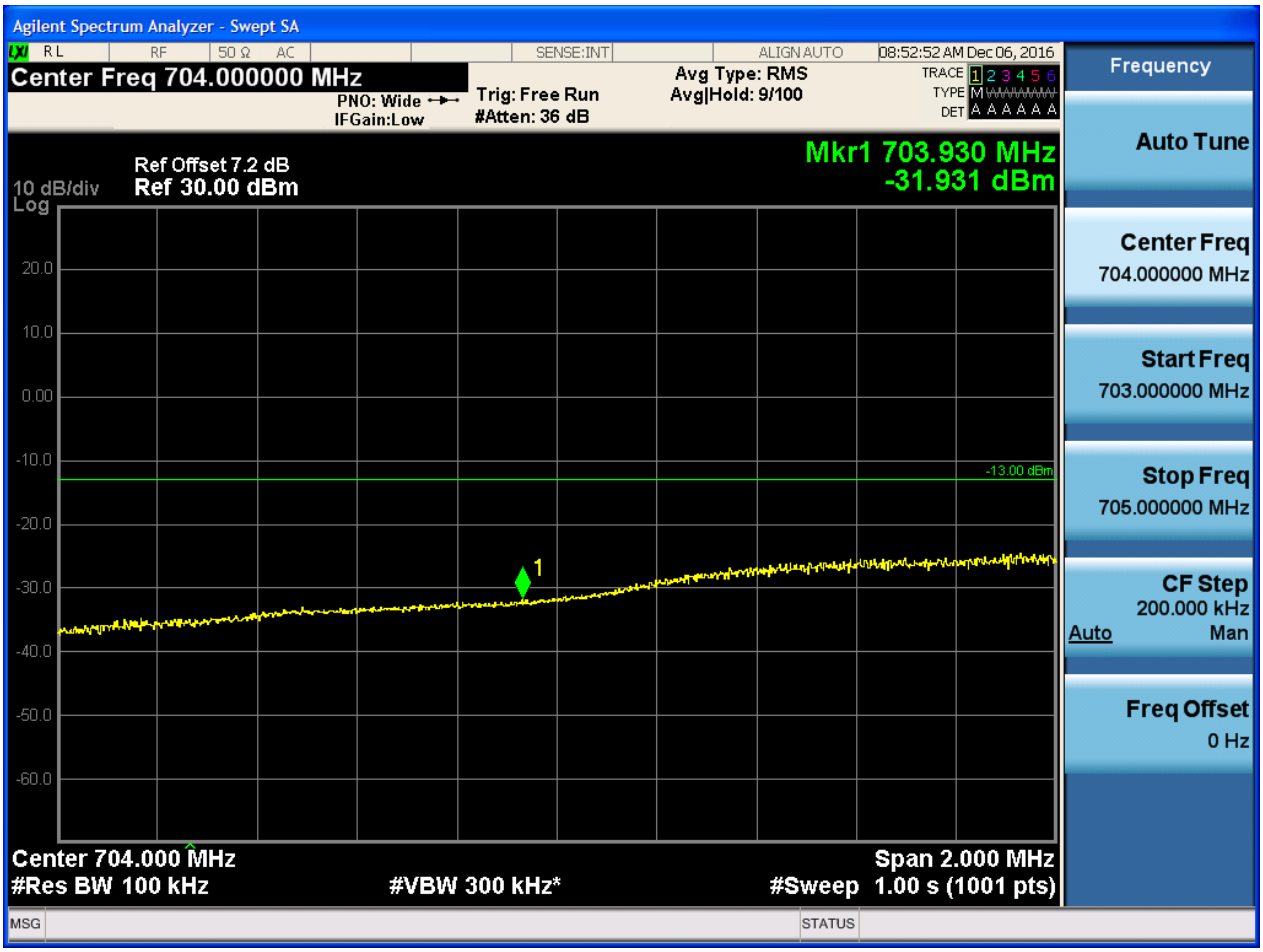
5.1.1.1.2.1.1 Test RB = RB1#0



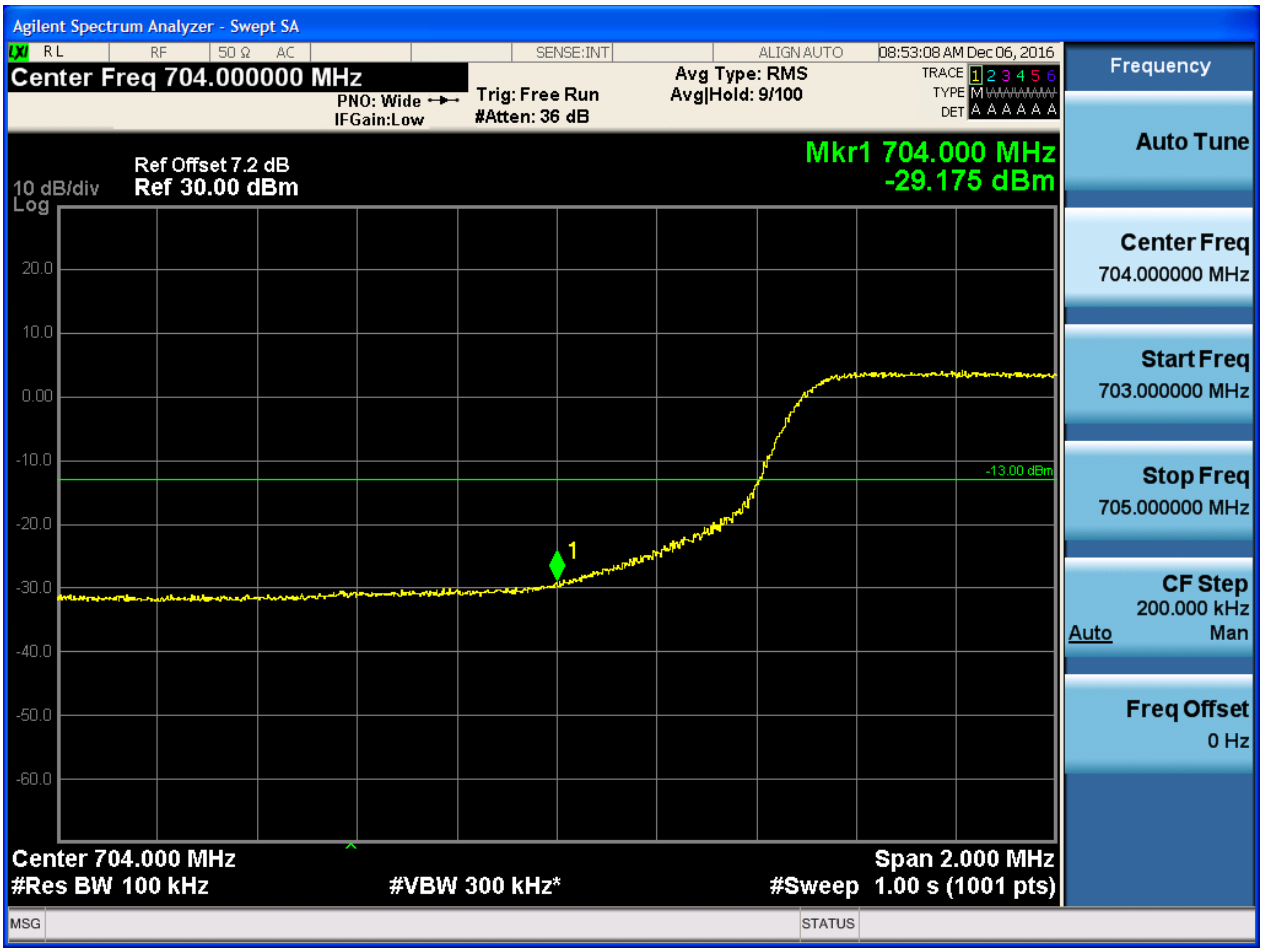
5.1.1.1.2.1.2 Test RB = RB1#49



5.1.1.1.2.1.3 Test RB = RB25#13

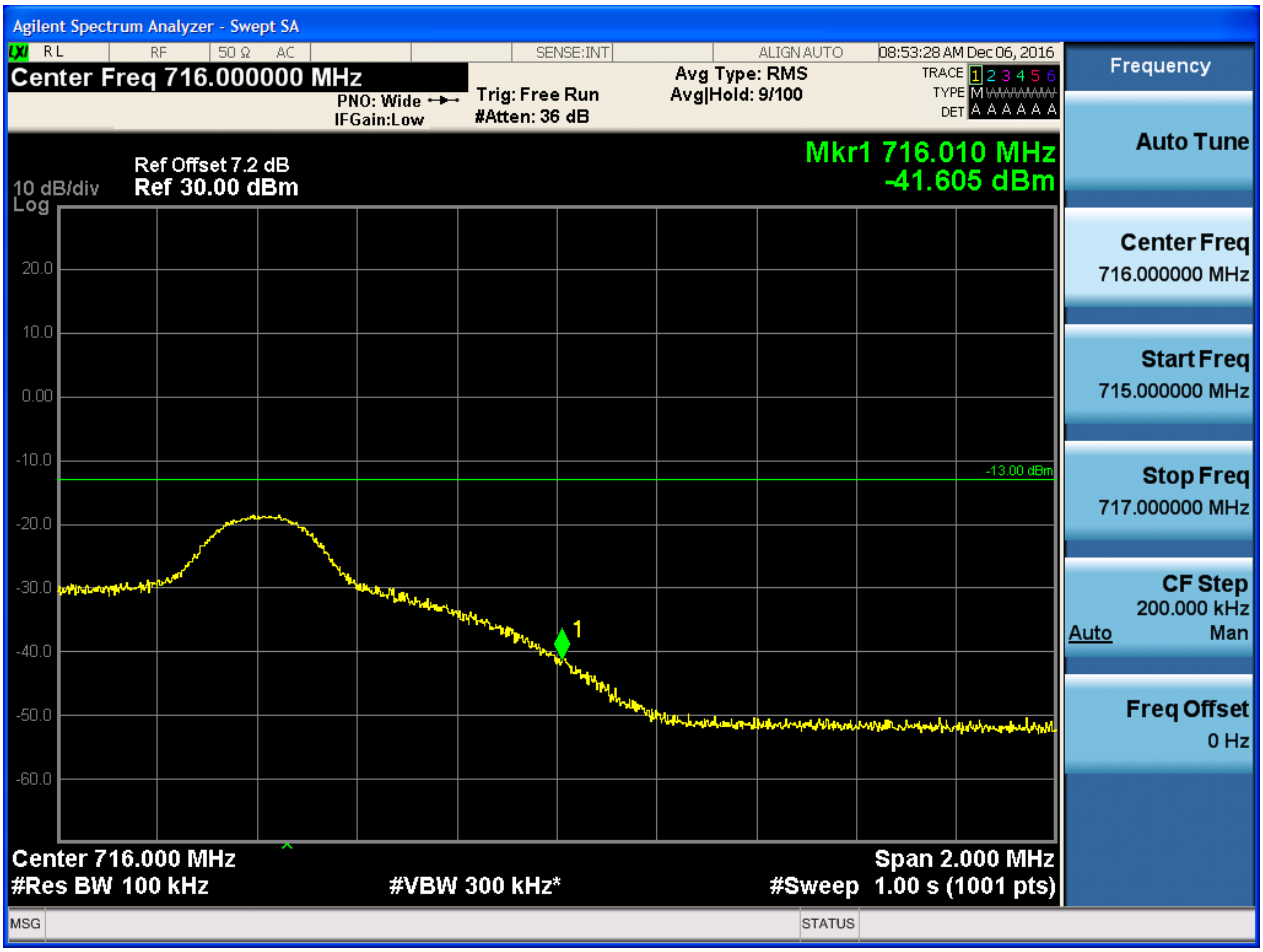


5.1.1.1.2.1.4 Test RB = RB50#0

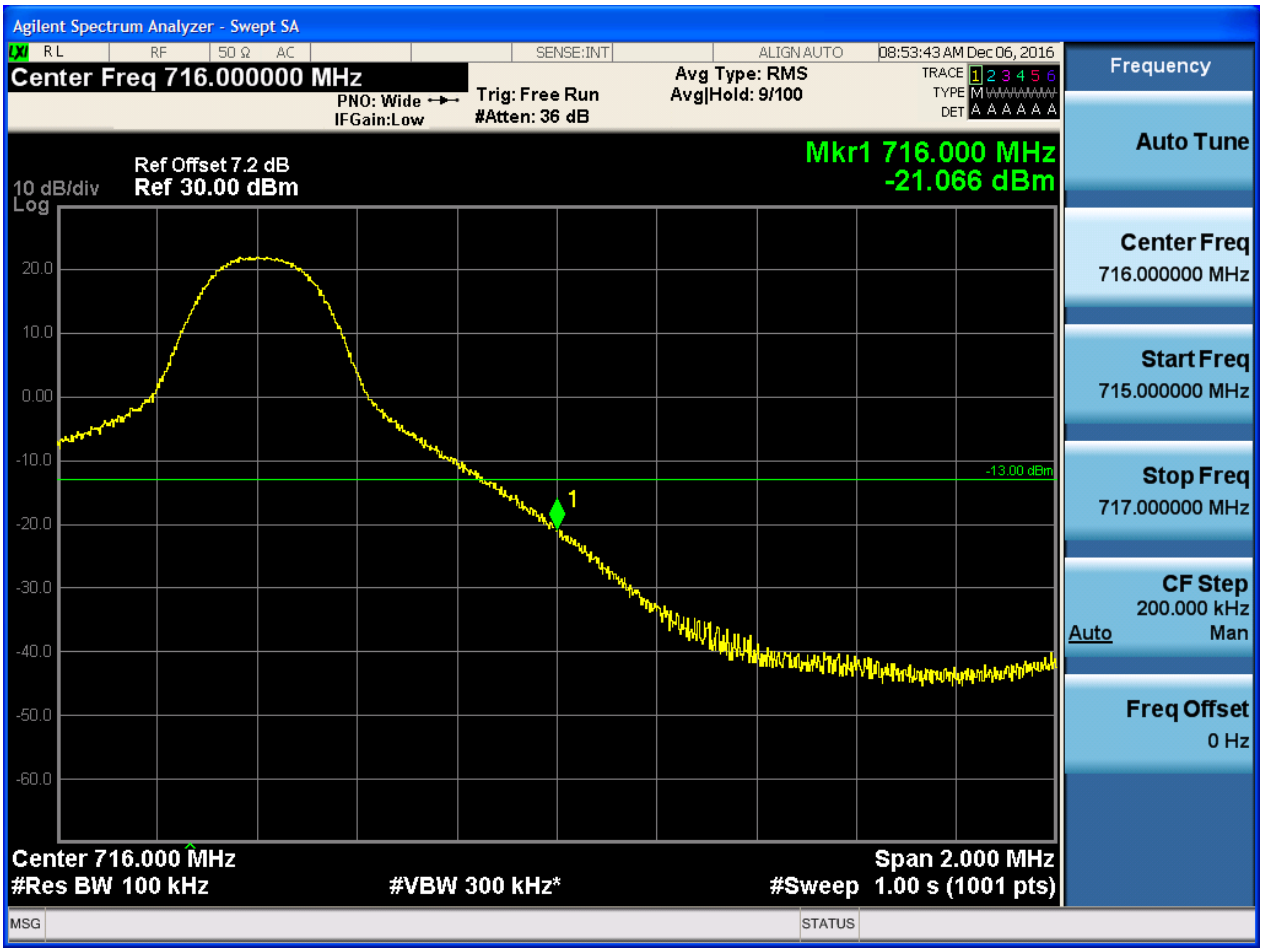


5.1.1.1.2.2 Test Channel = HCH

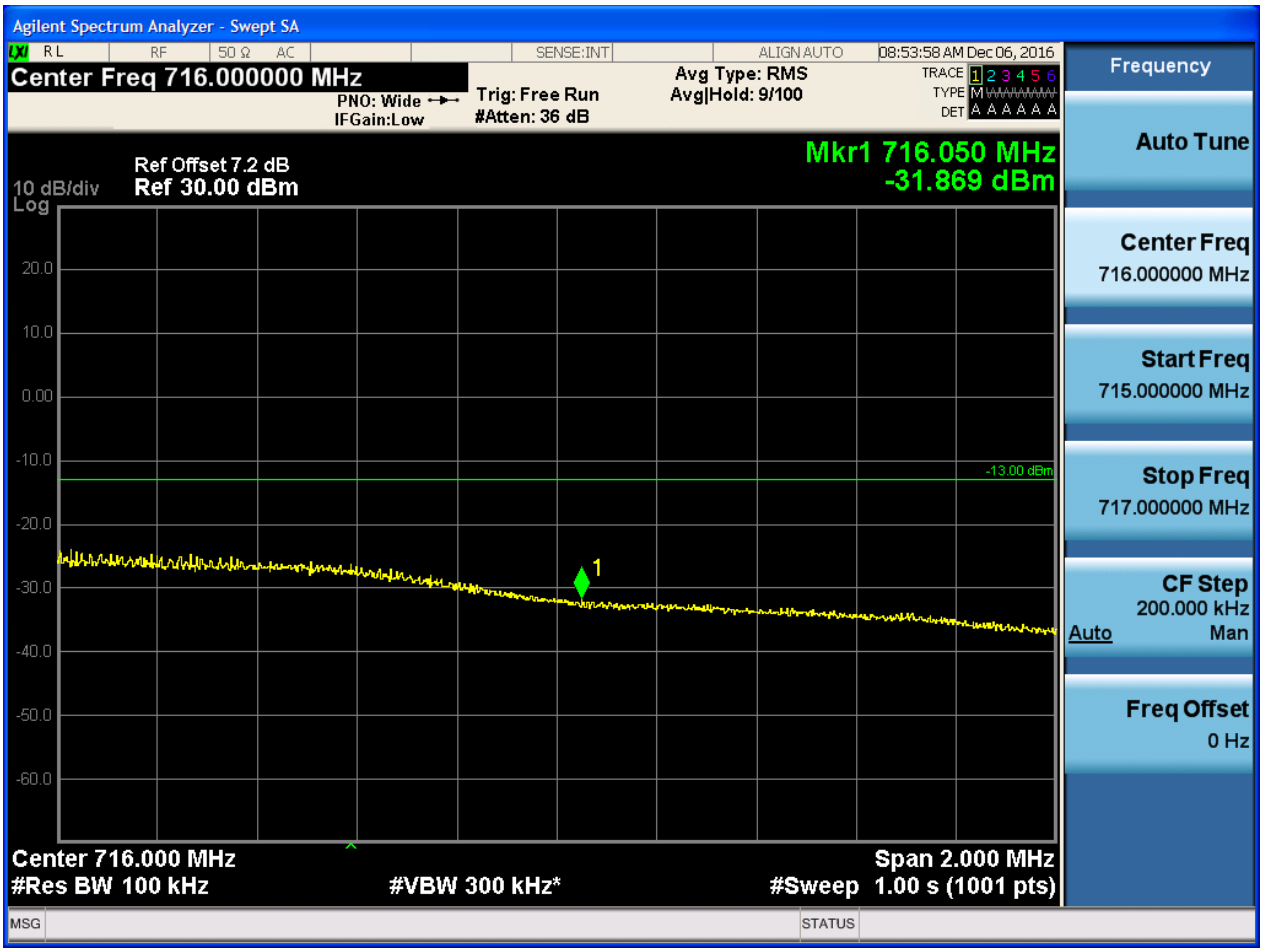
5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#49



5.1.1.1.2.2.3 Test RB = RB25#13



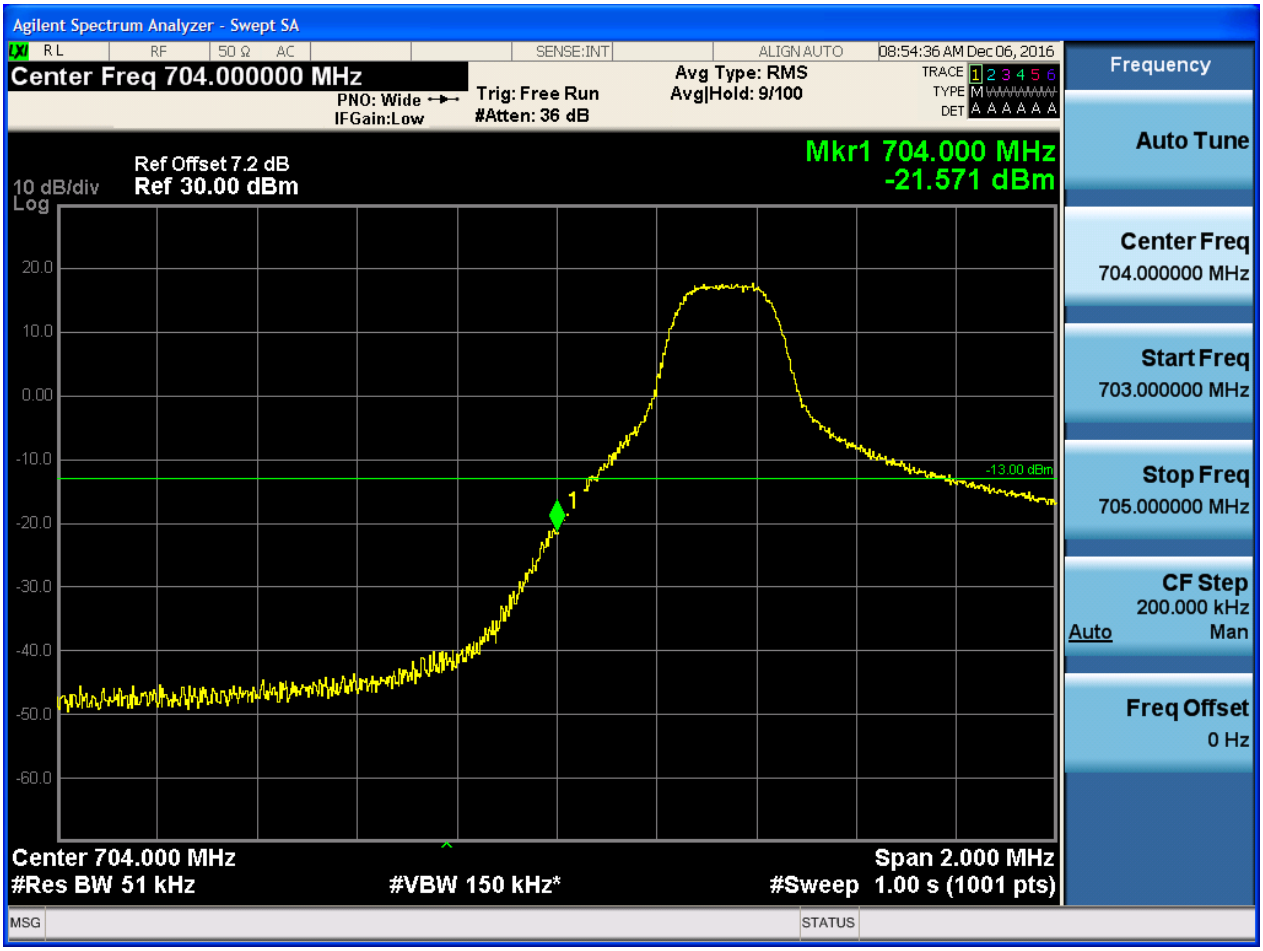
5.1.1.1.2.2.4 Test RB = RB50#0

5.1.1.2 Test Mode = LTE/TM2

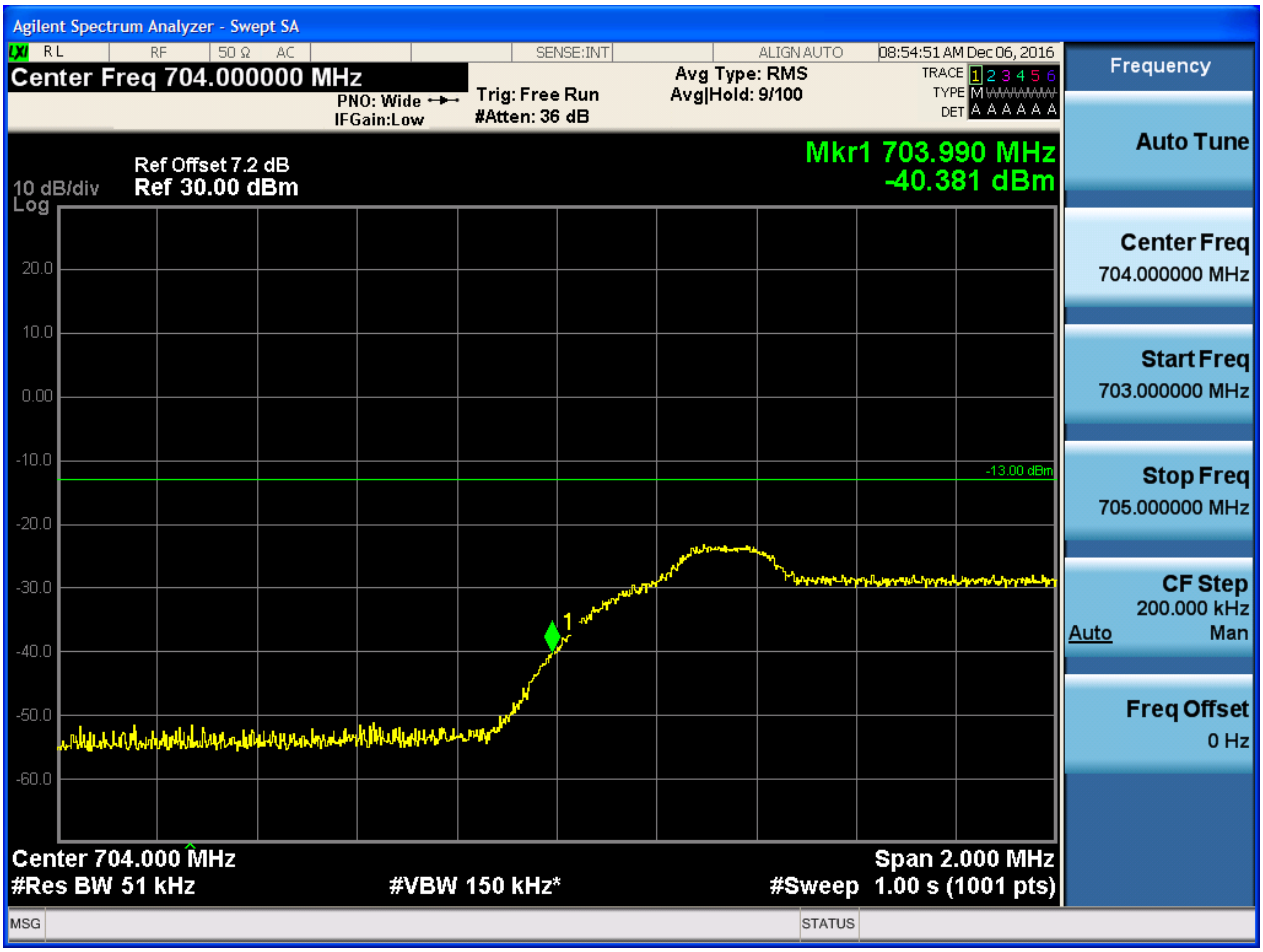
5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

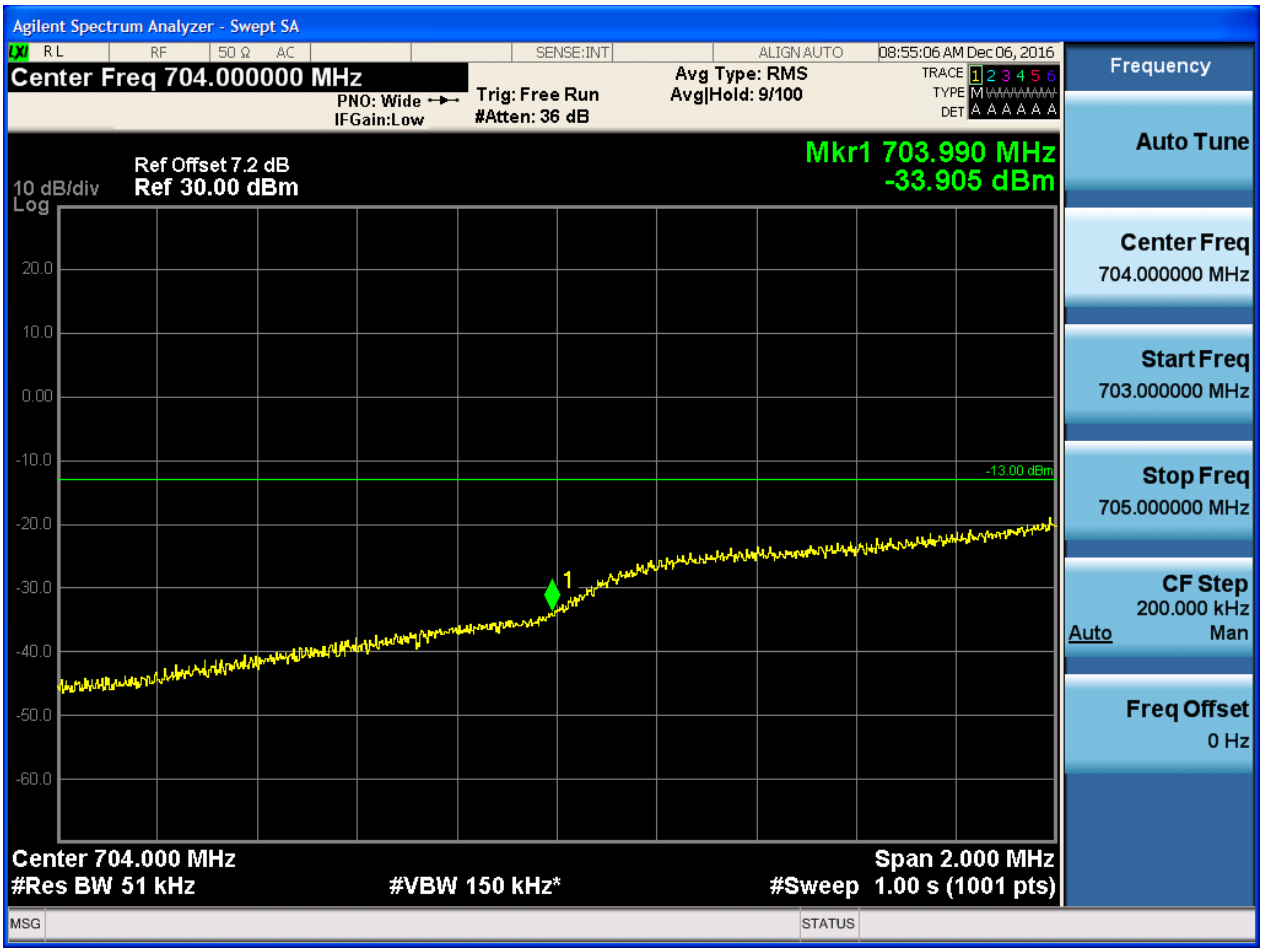
5.1.1.2.1.1.1 Test RB = RB1#0



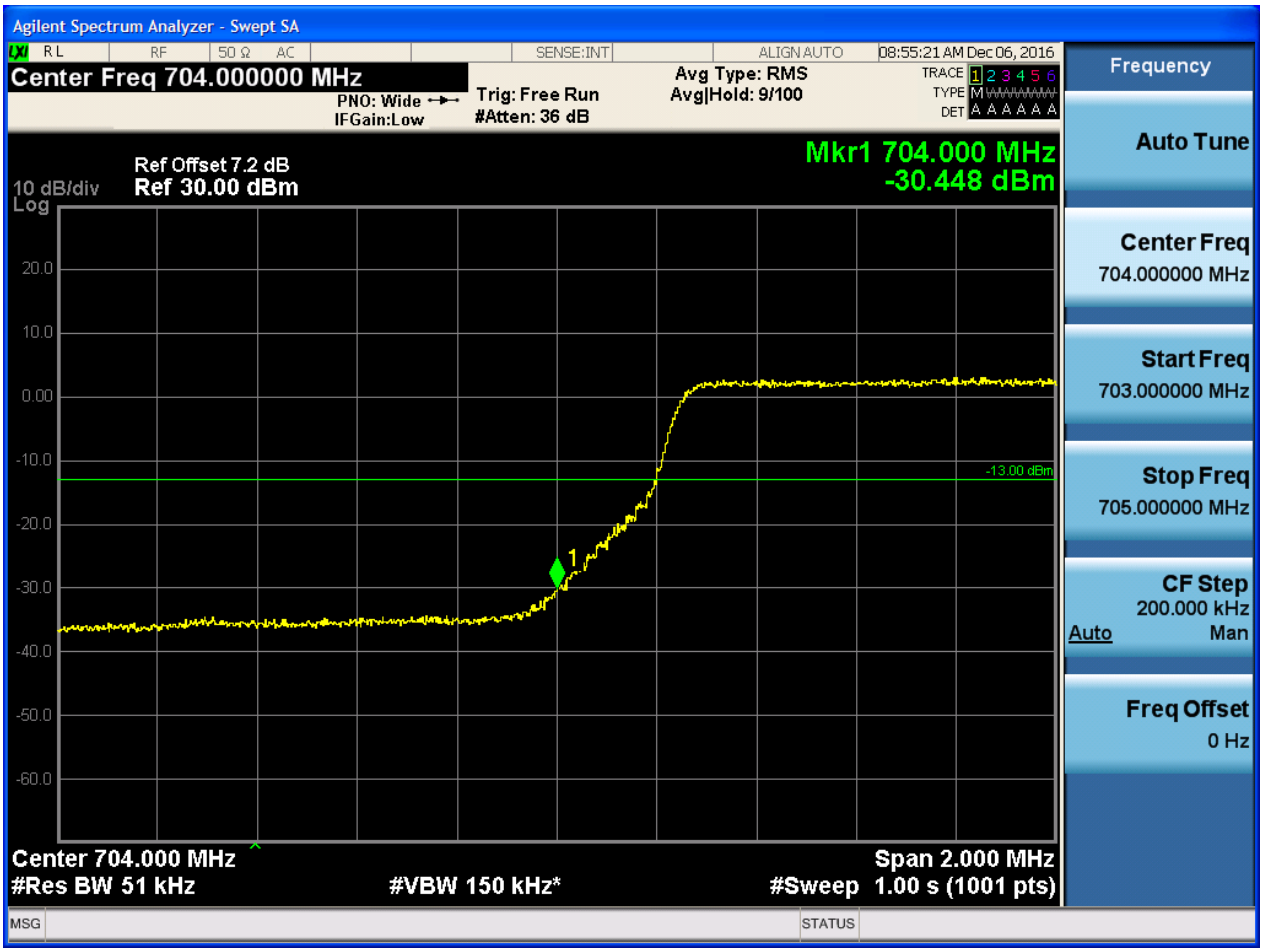
5.1.1.2.1.1.2 Test RB = RB1#24



5.1.1.2.1.1.3 Test RB = RB12#6

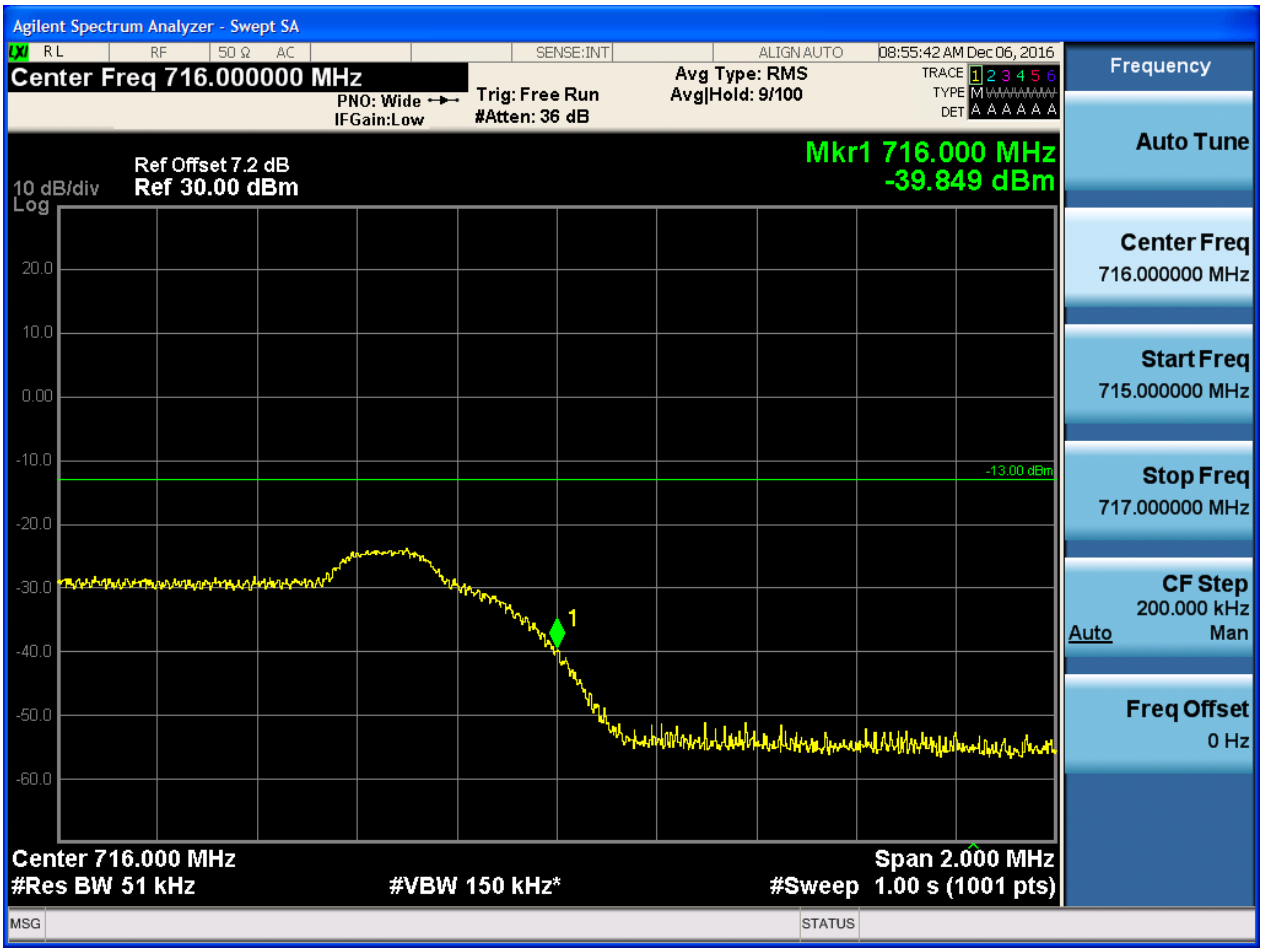


5.1.1.2.1.1.4 Test RB = RB25#0

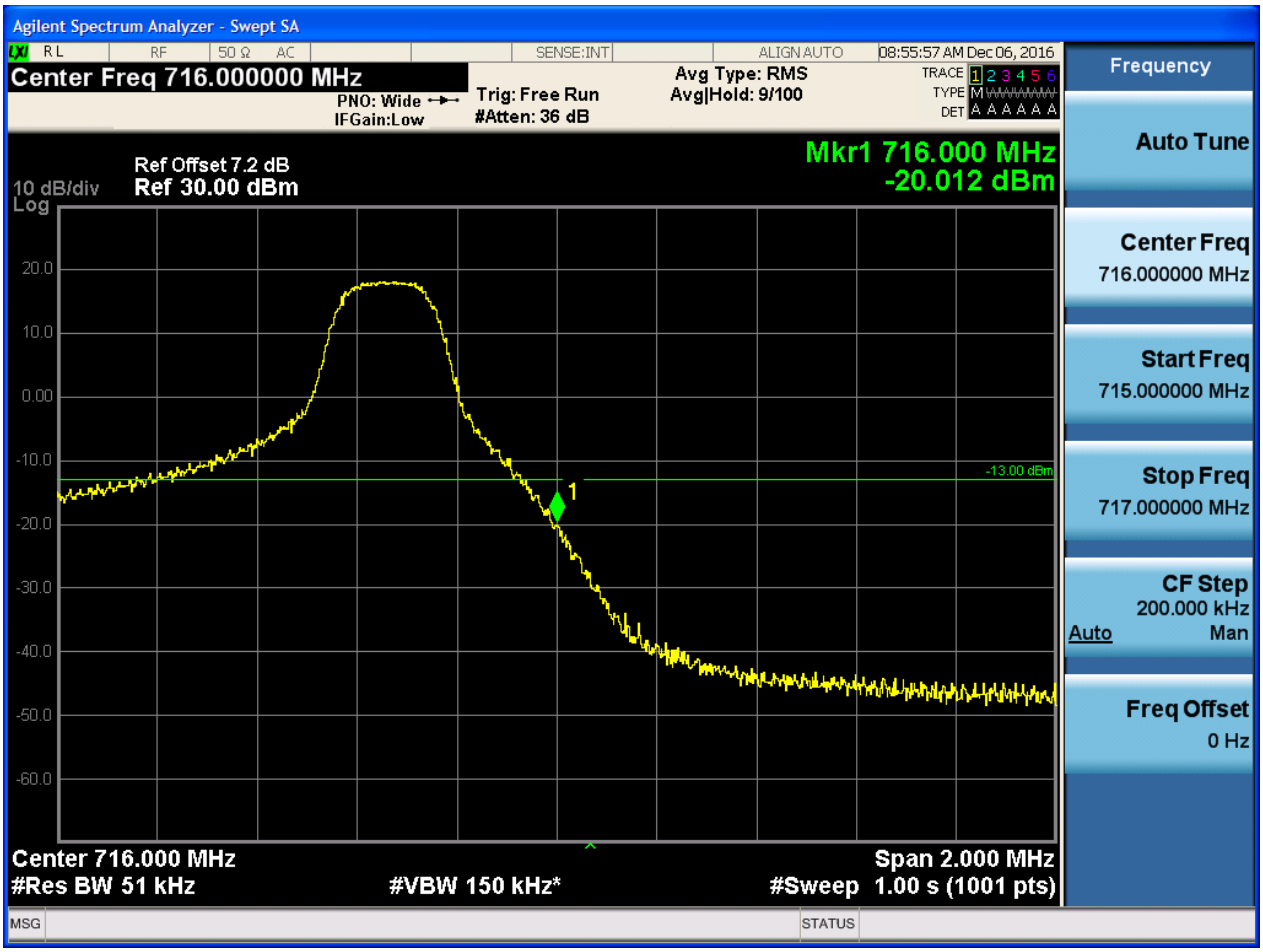


5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#24



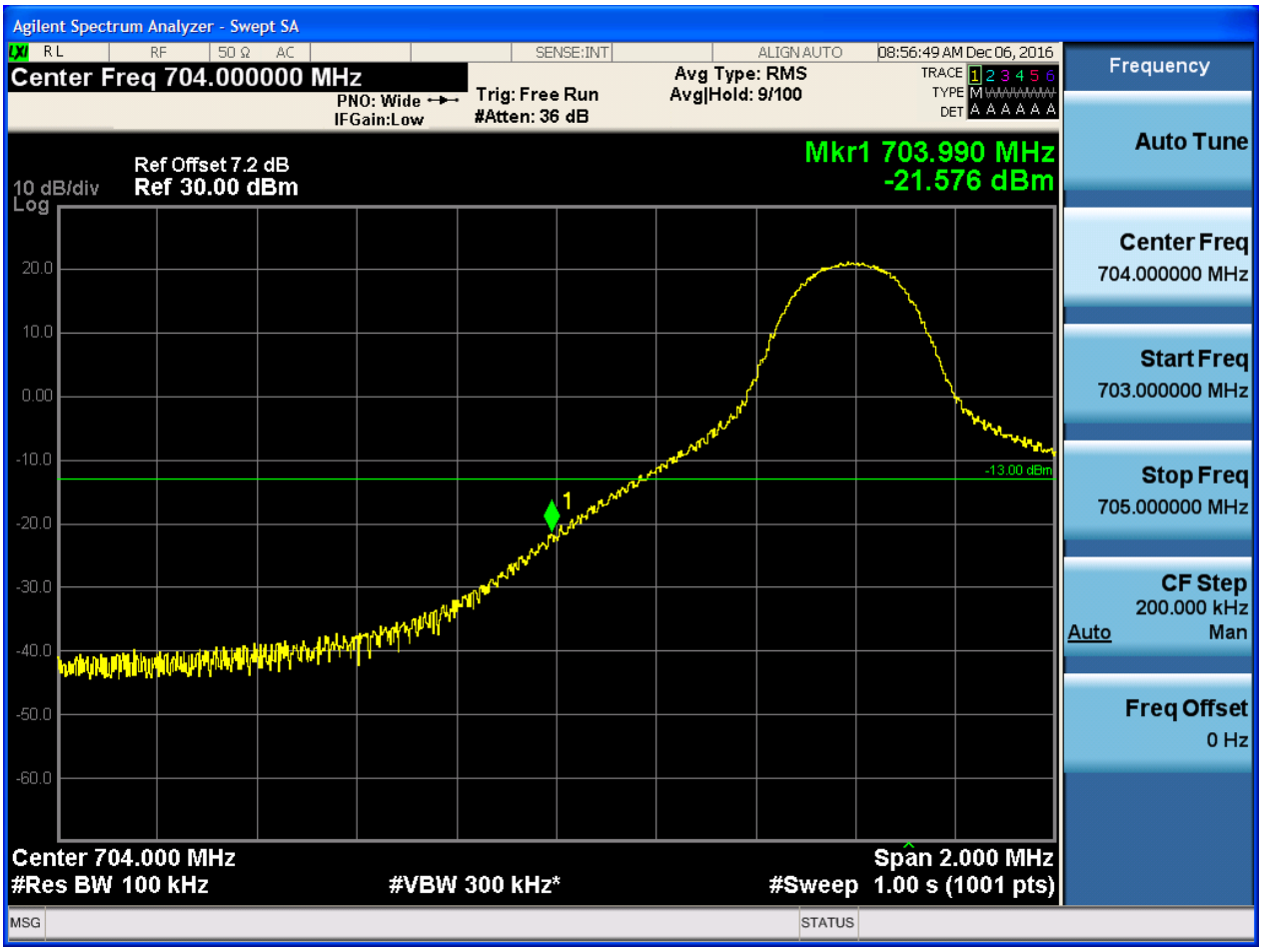
5.1.1.2.1.2.3 Test RB = RB12#6

5.1.1.2.1.2.4 Test RB = RB25#0

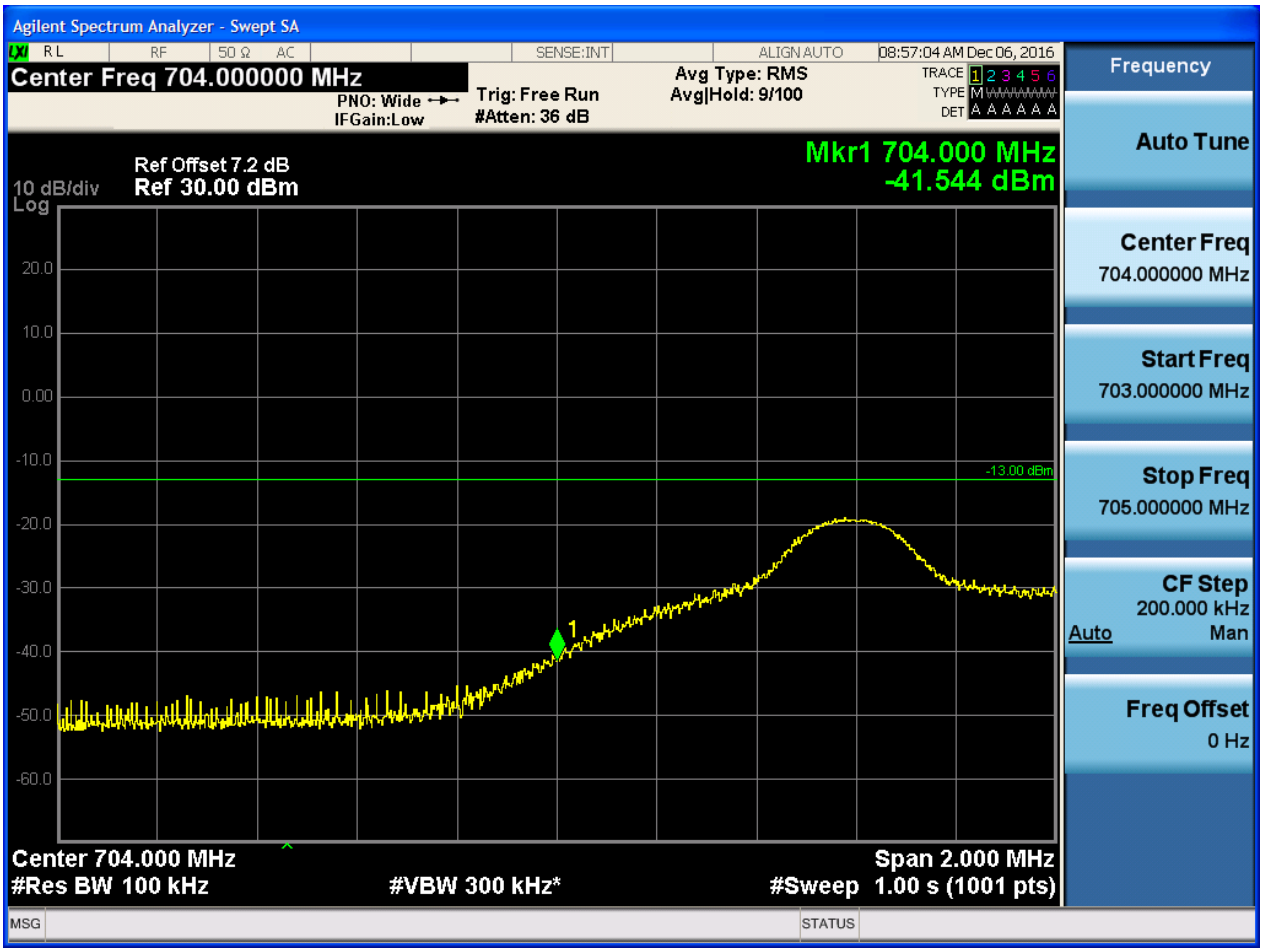
5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

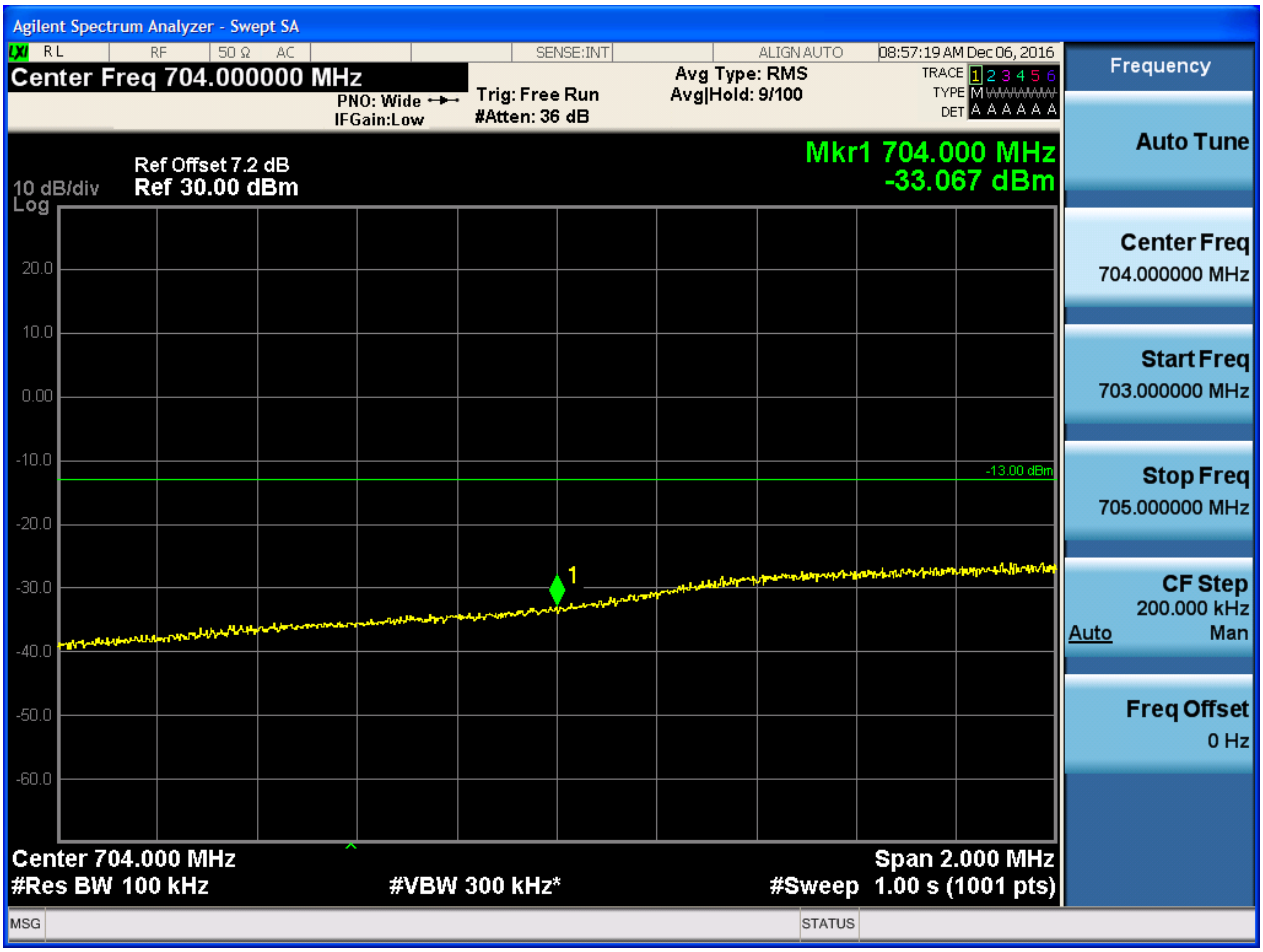
5.1.1.2.2.1.1 Test RB = RB1#0



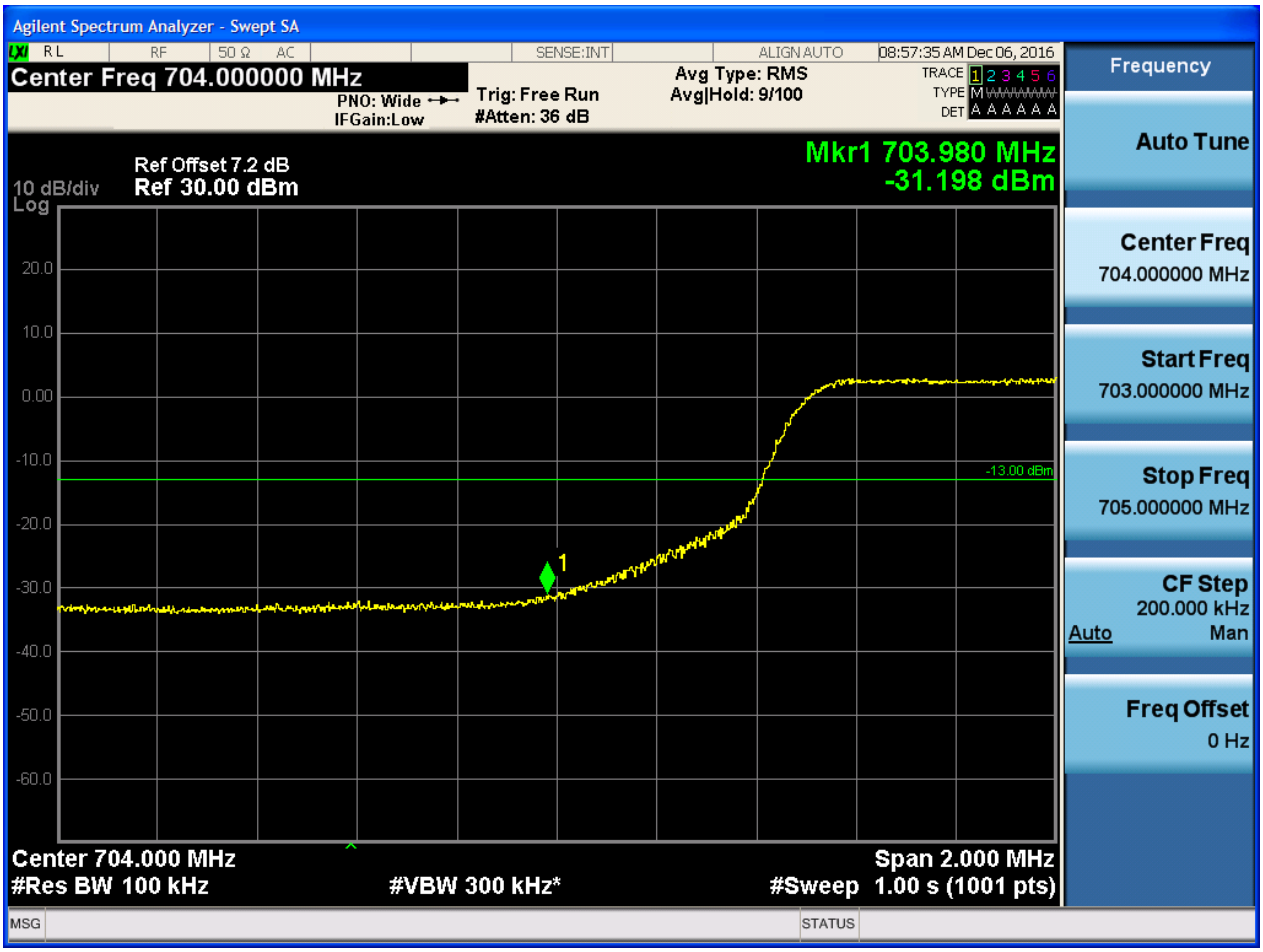
5.1.1.2.2.1.2 Test RB = RB1#49



5.1.1.2.2.1.3 Test RB = RB25#13

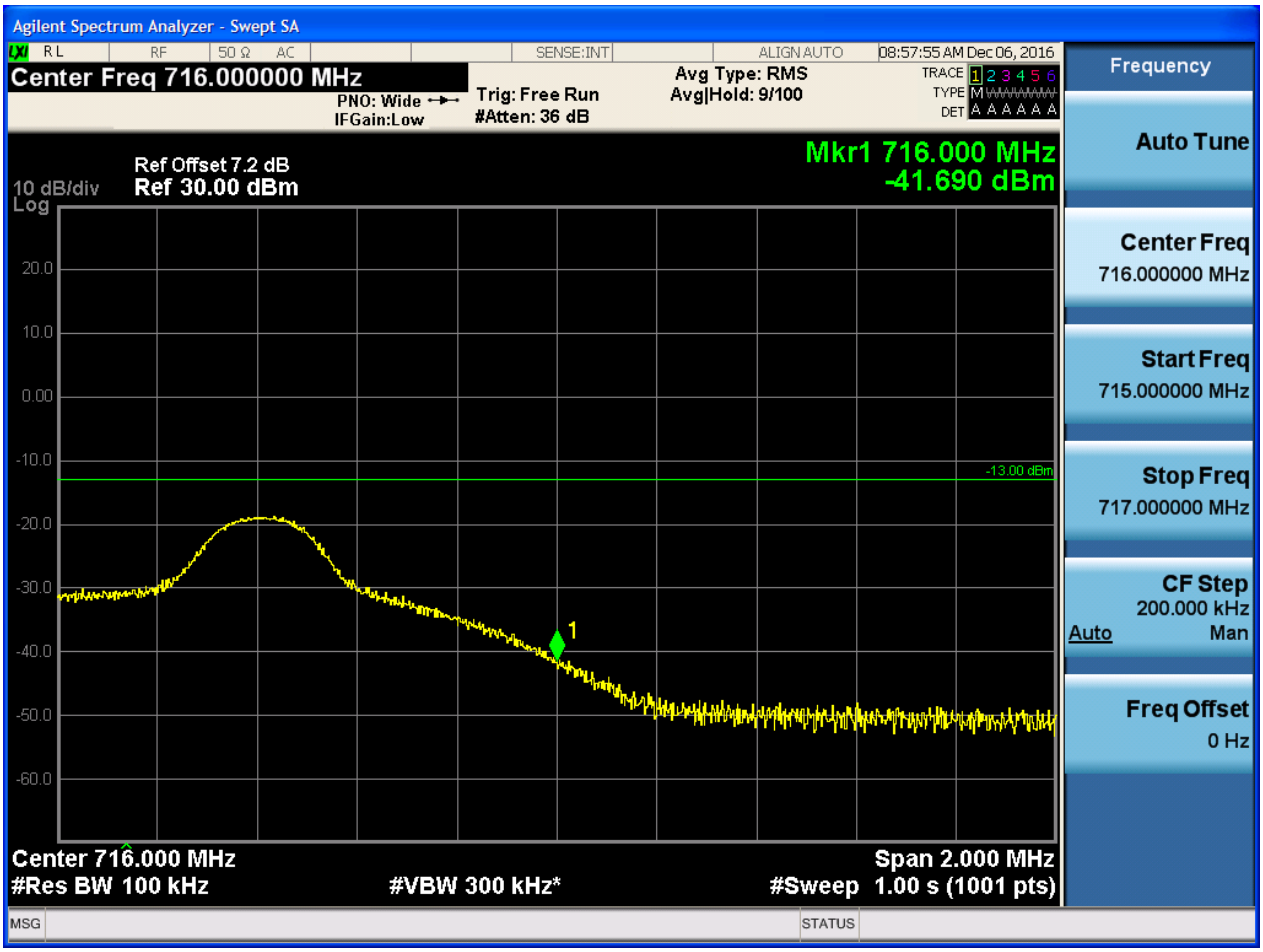


5.1.1.2.2.1.4 Test RB = RB50#0

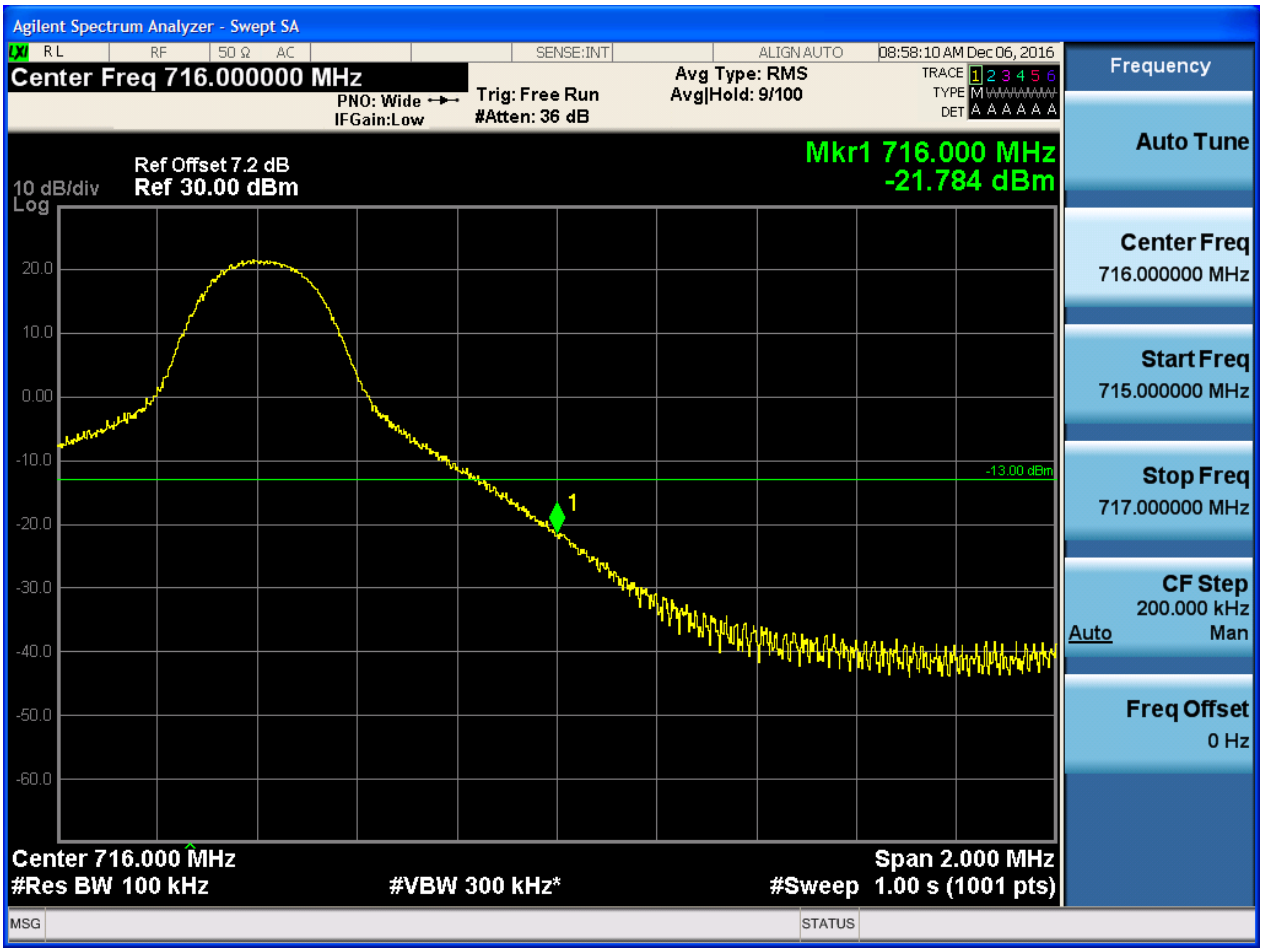


5.1.1.2.2.2 Test Channel = HCH

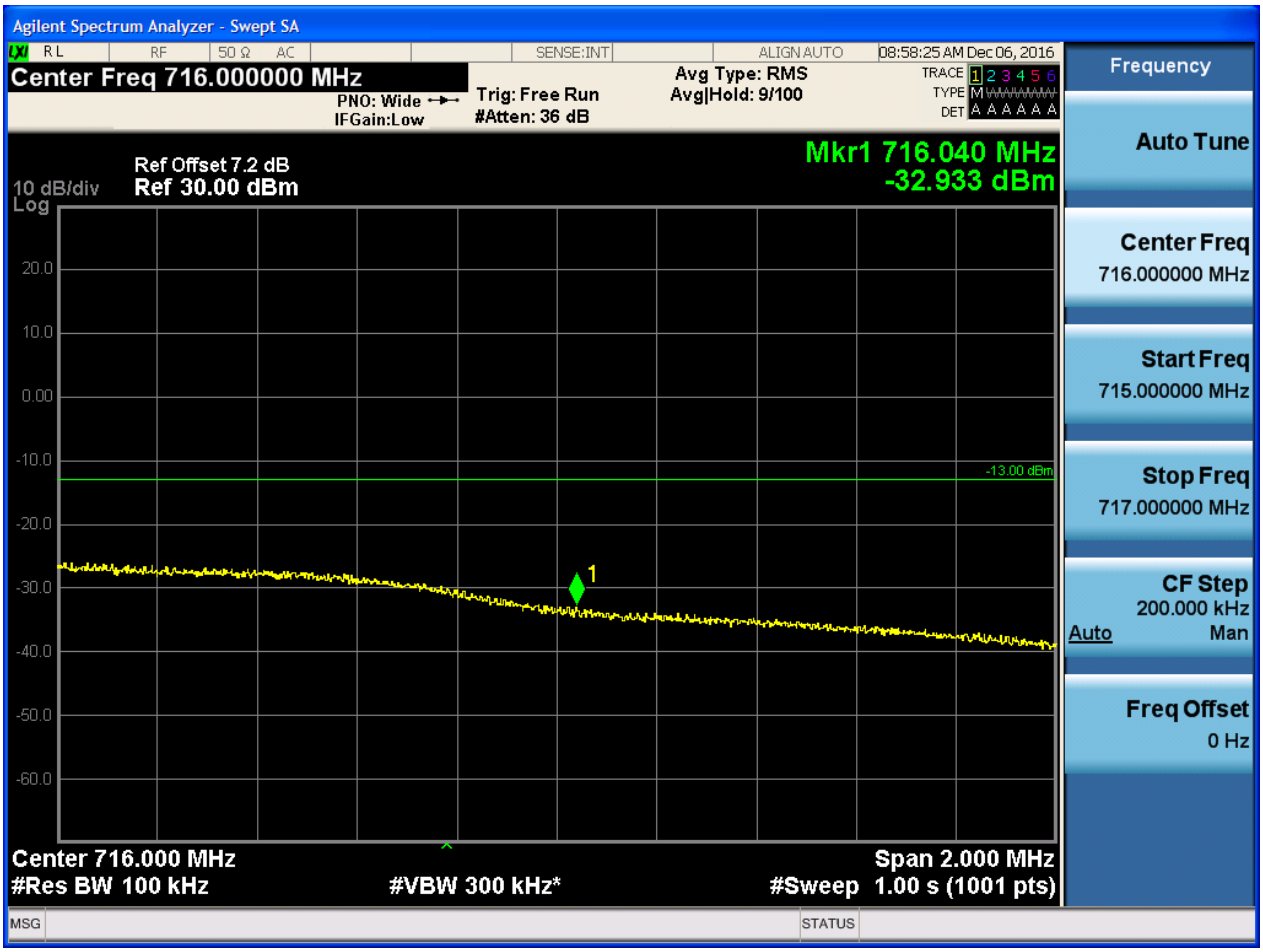
5.1.1.2.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#49



5.1.1.2.2.3 Test RB = RB25#13



5.1.1.2.2.2.4 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

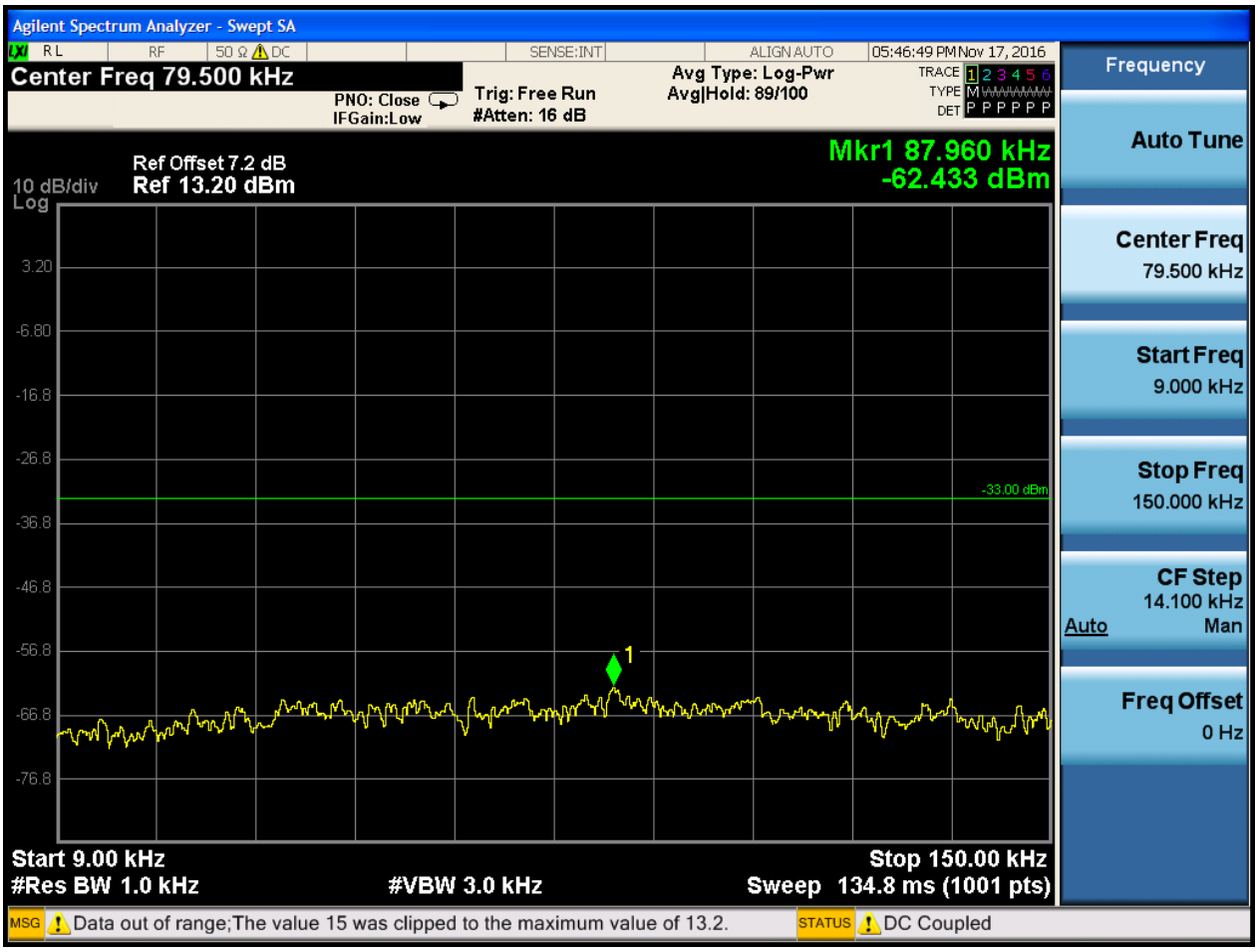
6.1.1 Test Band = BAND17

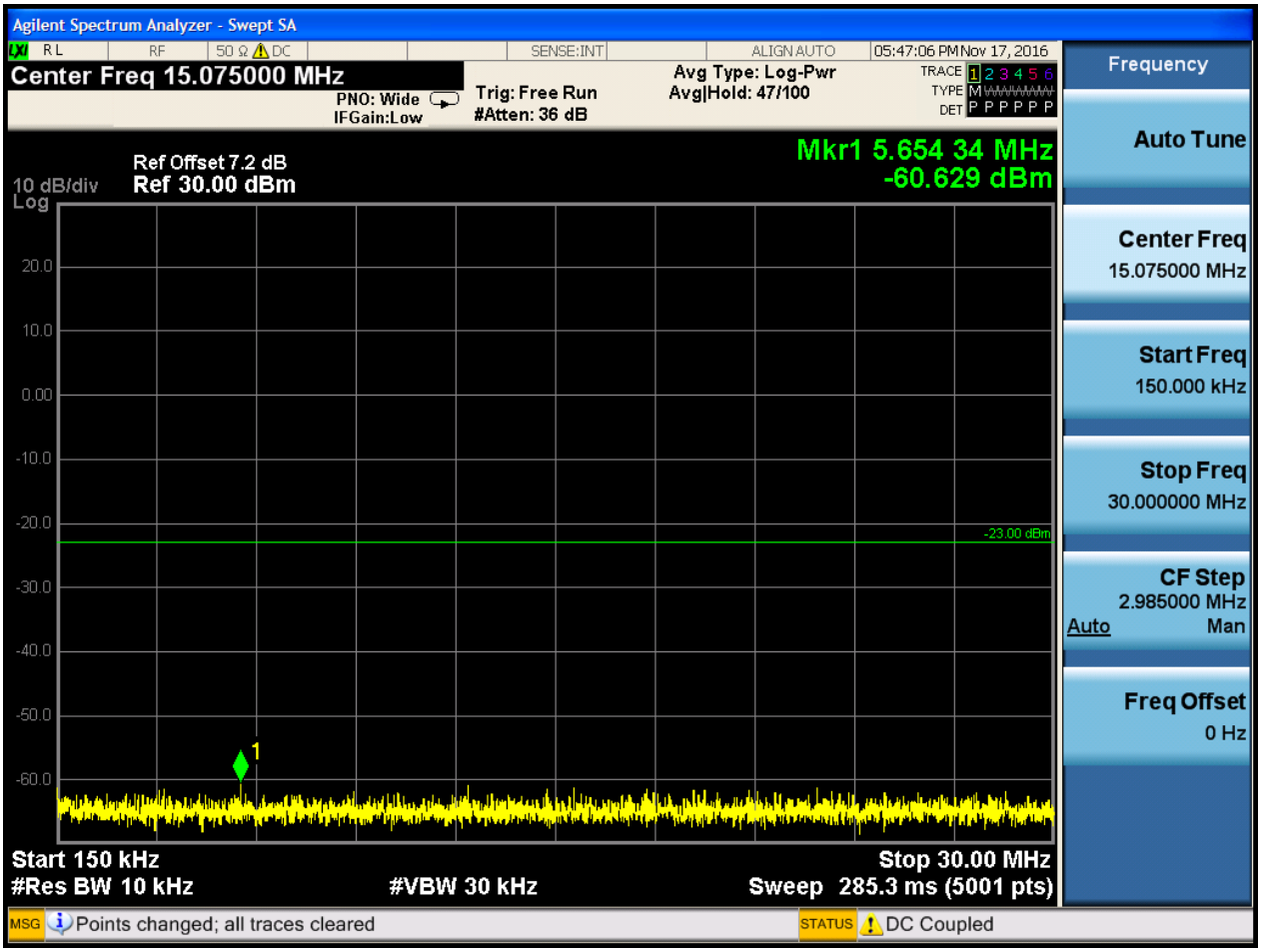
6.1.1.1 Test Mode = LTE/TM1

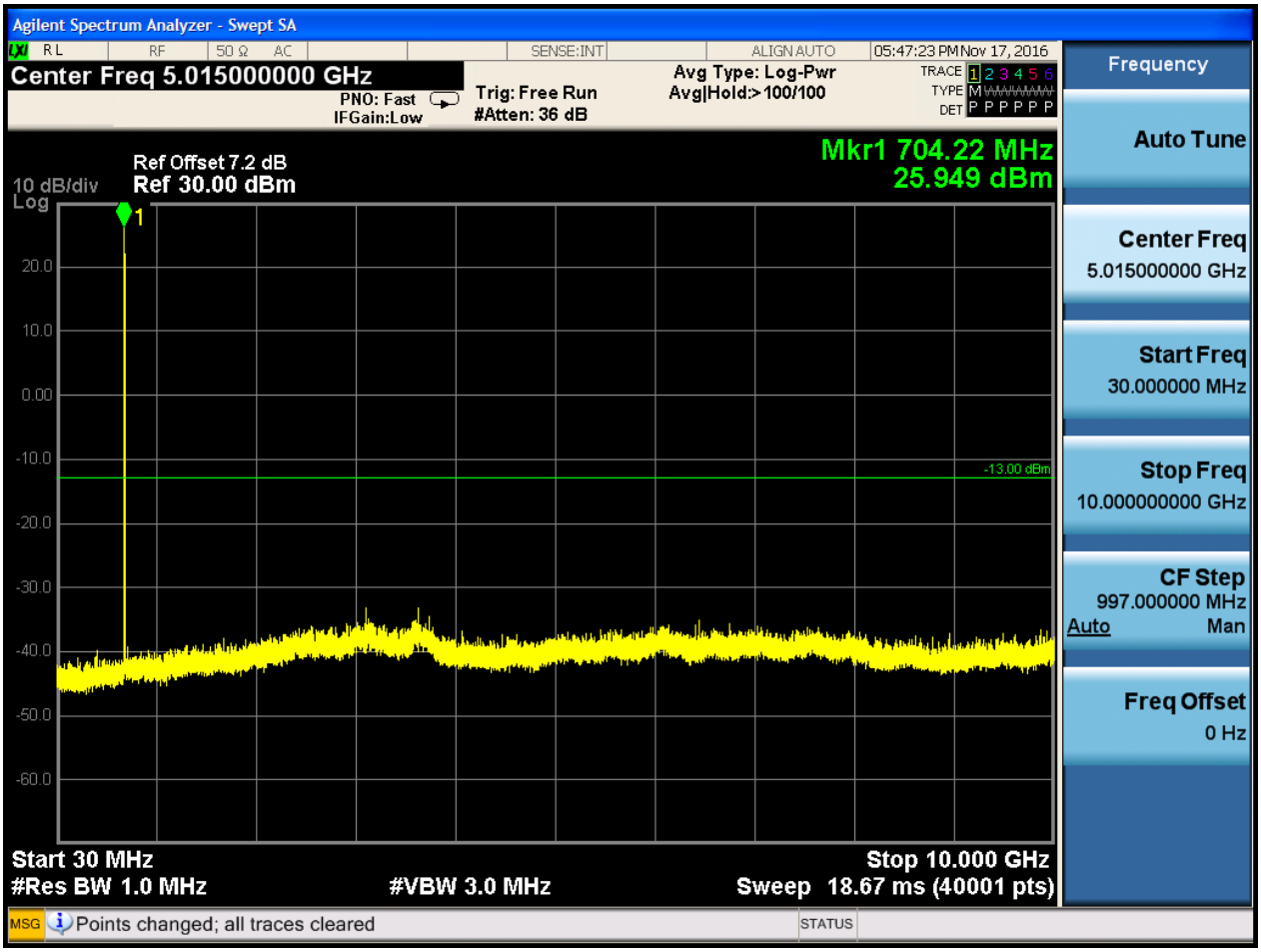
6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

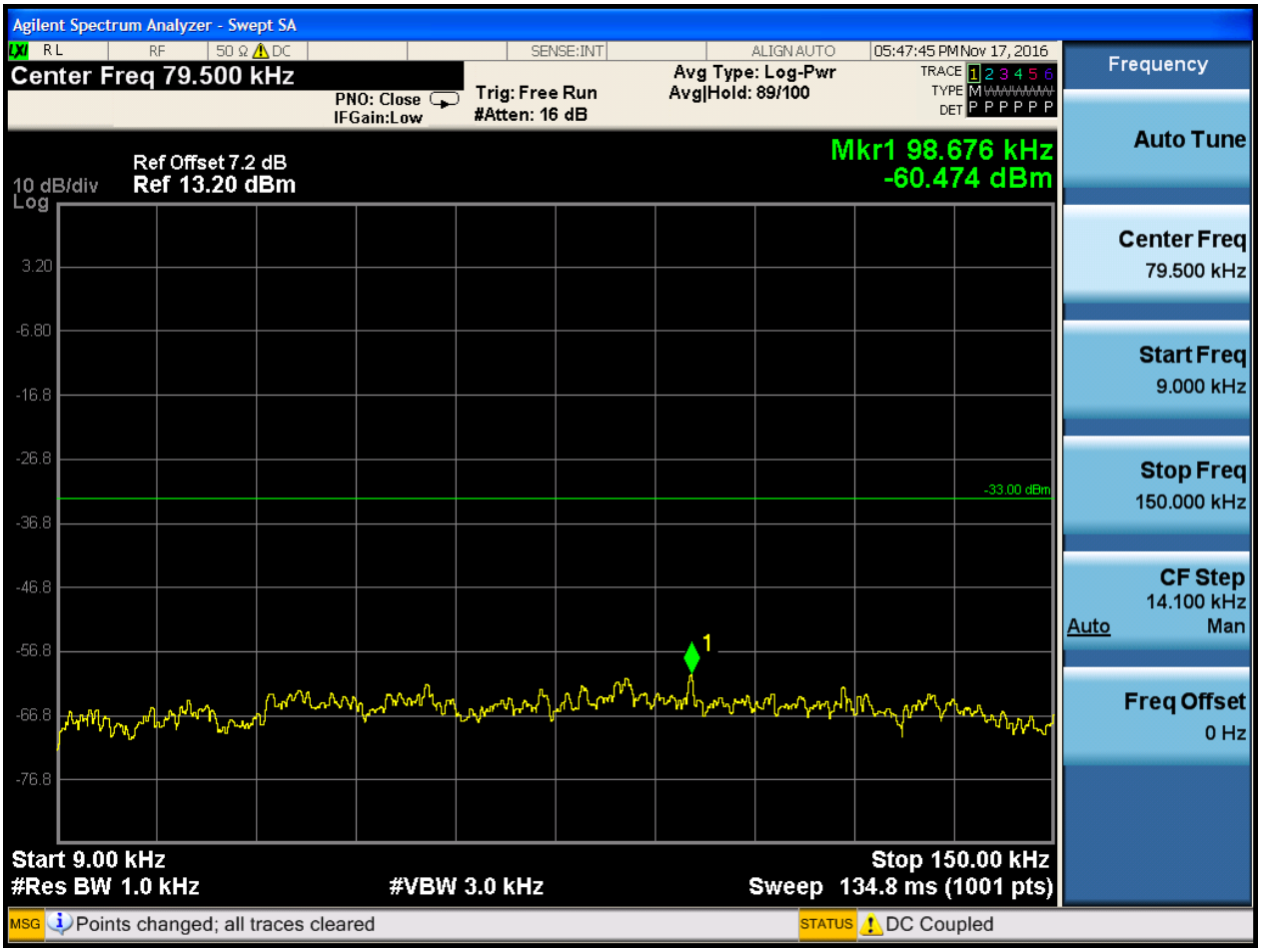


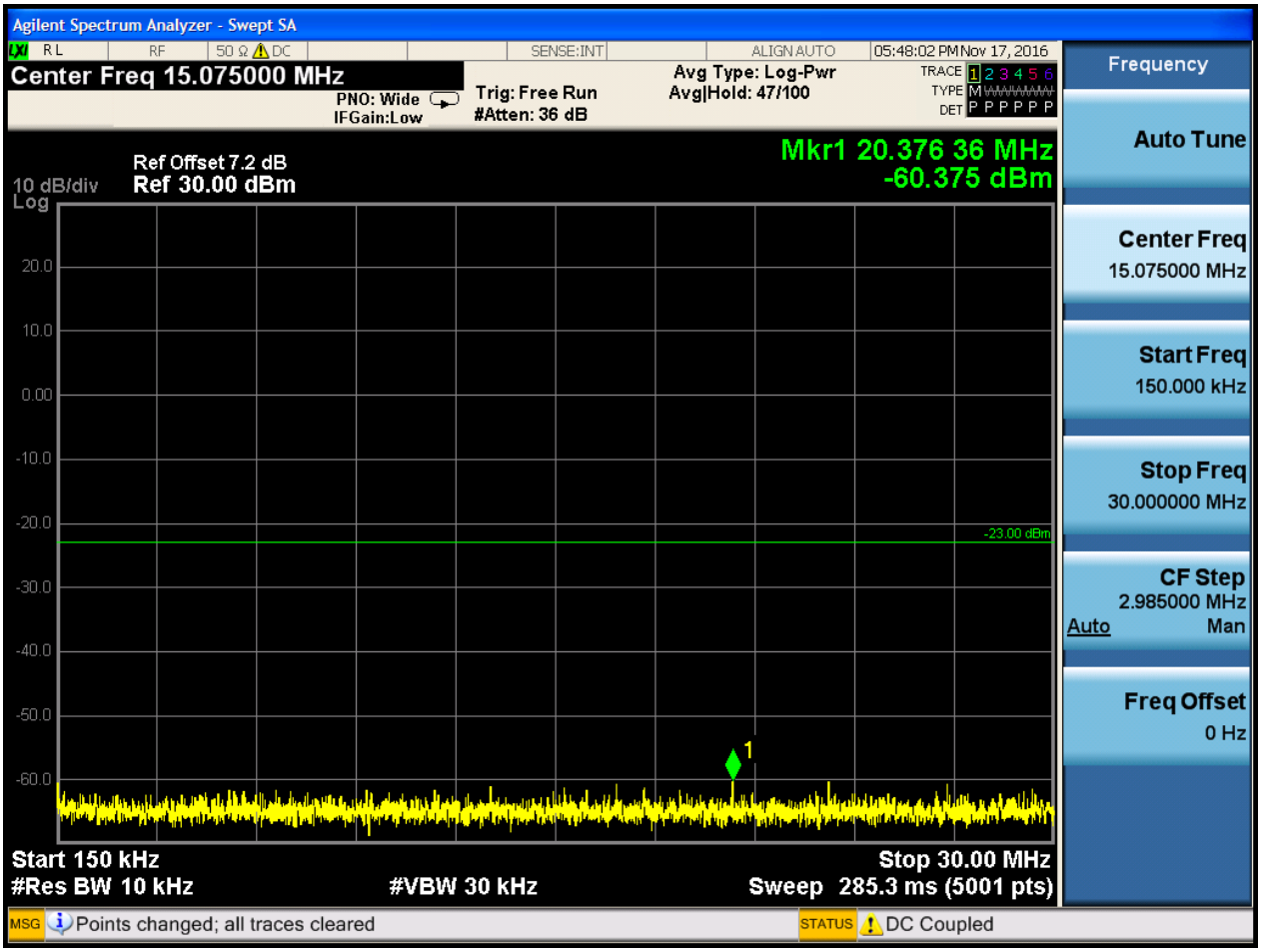


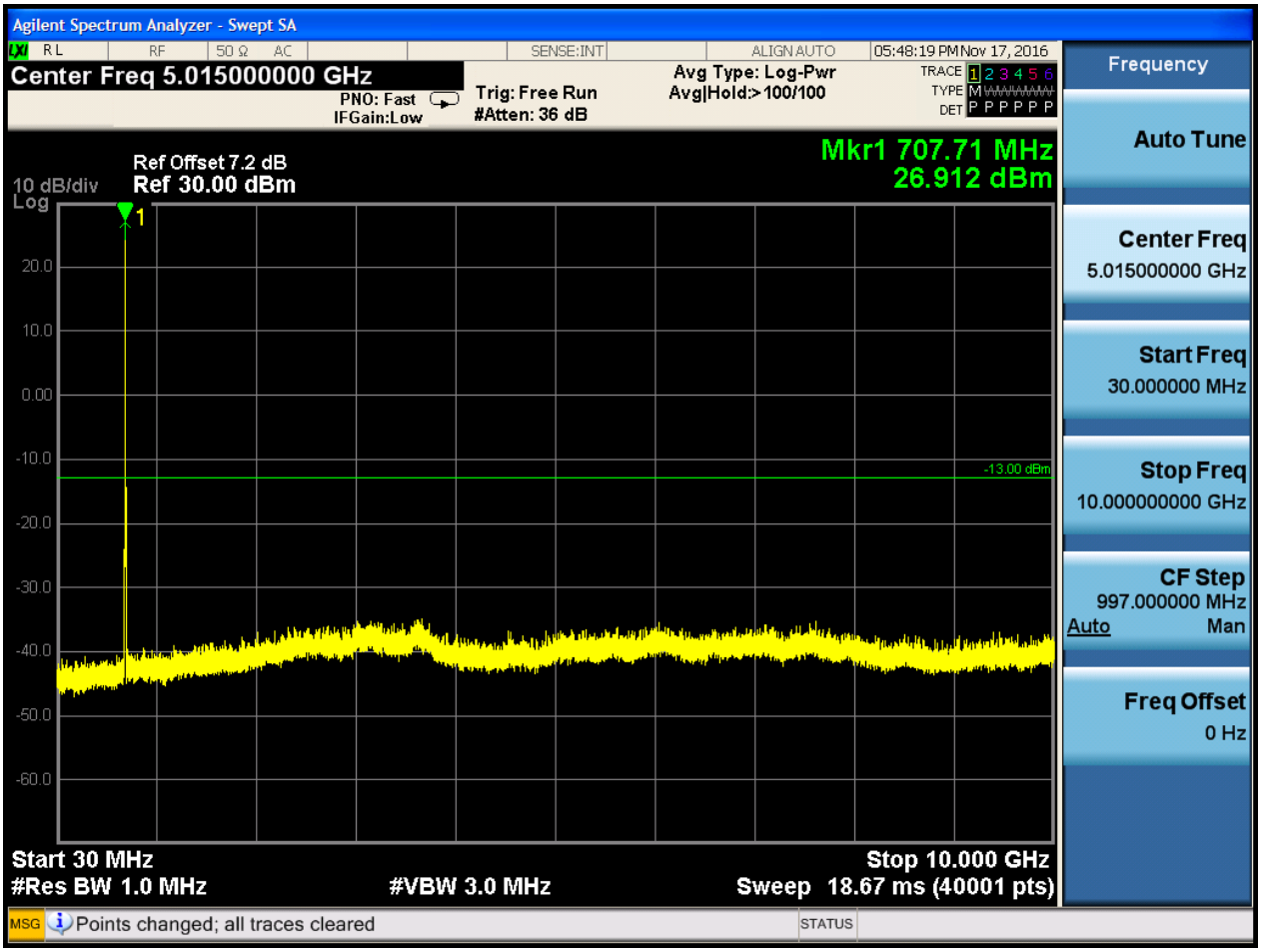


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

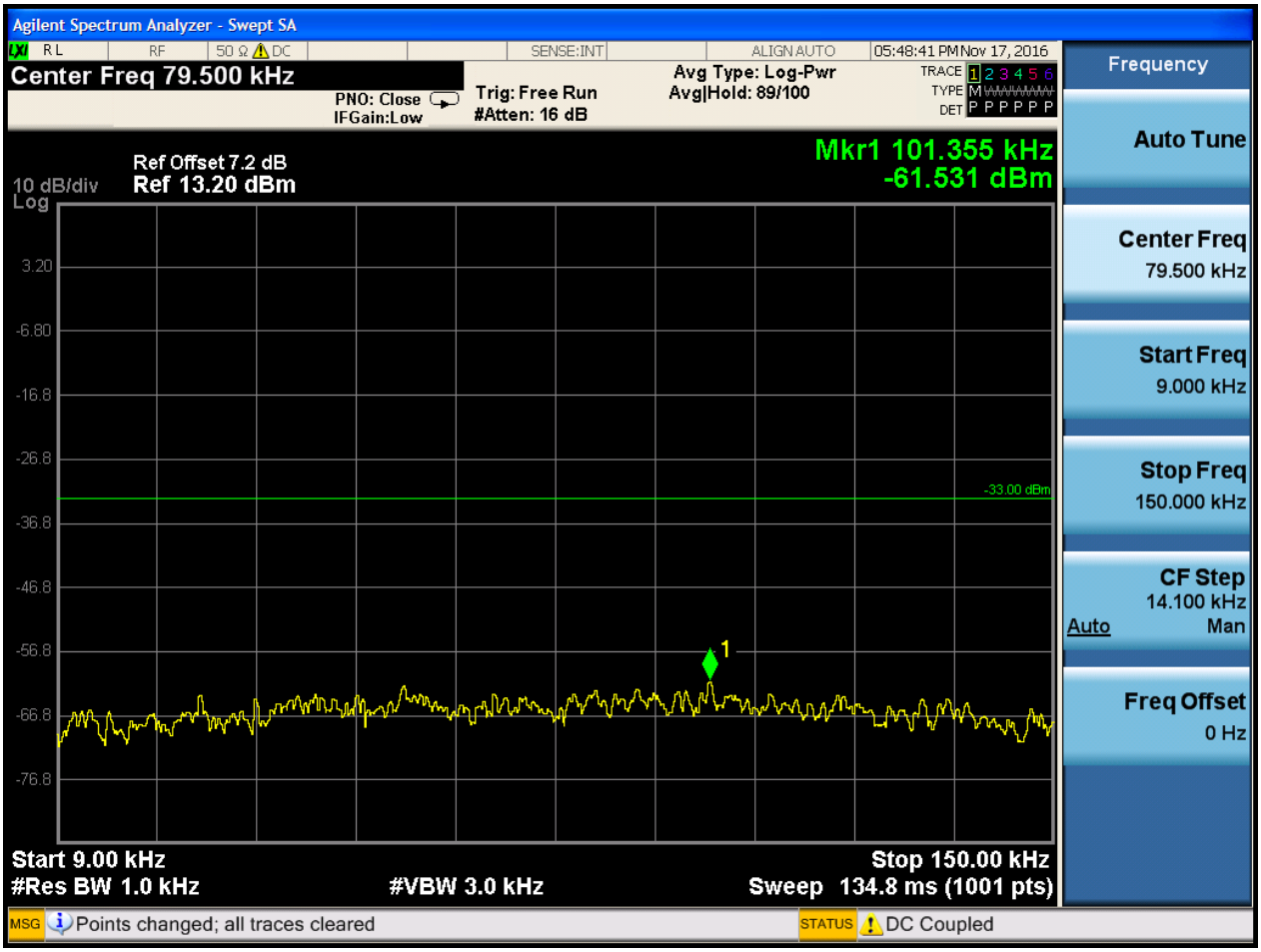


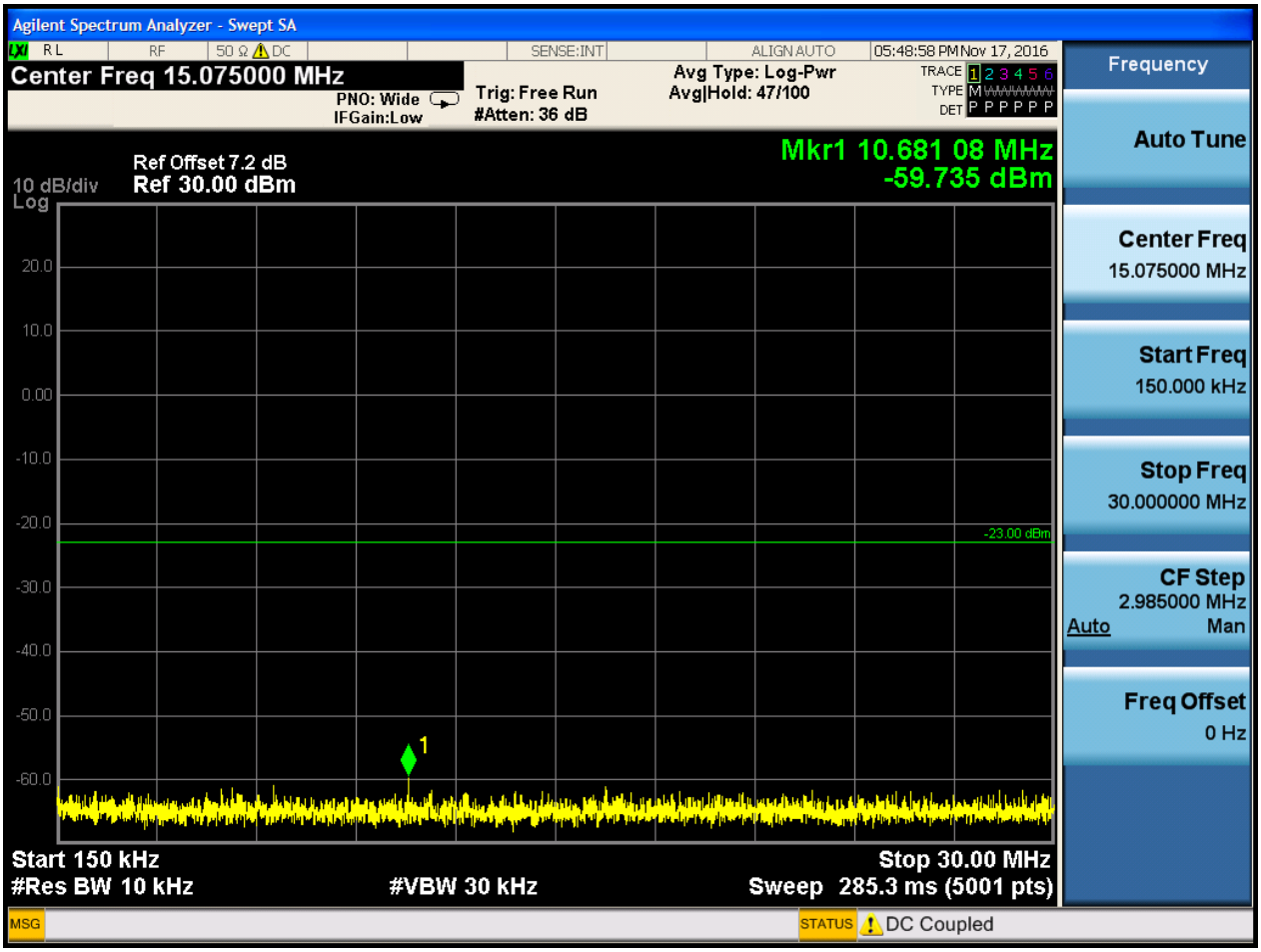


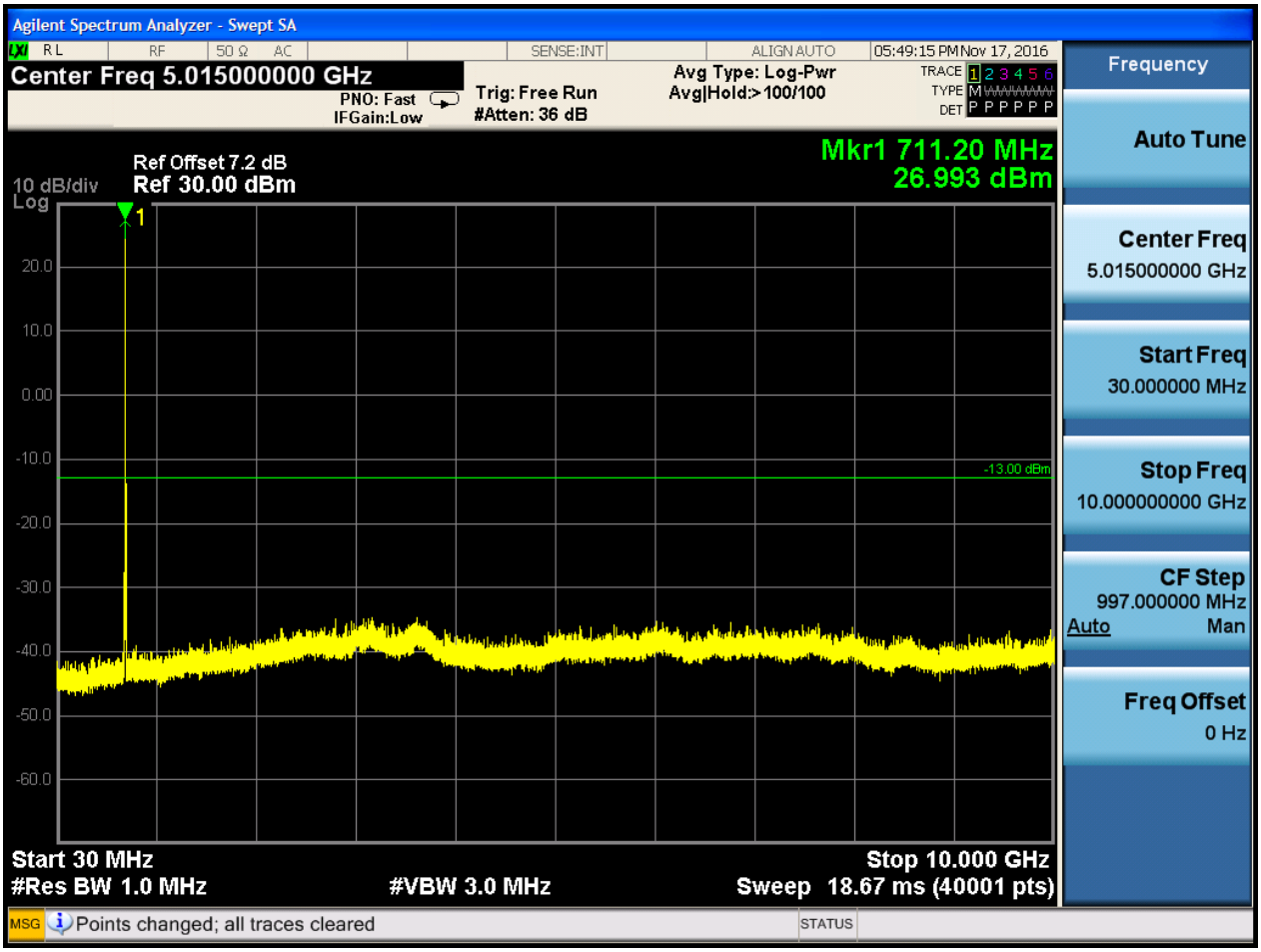


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0



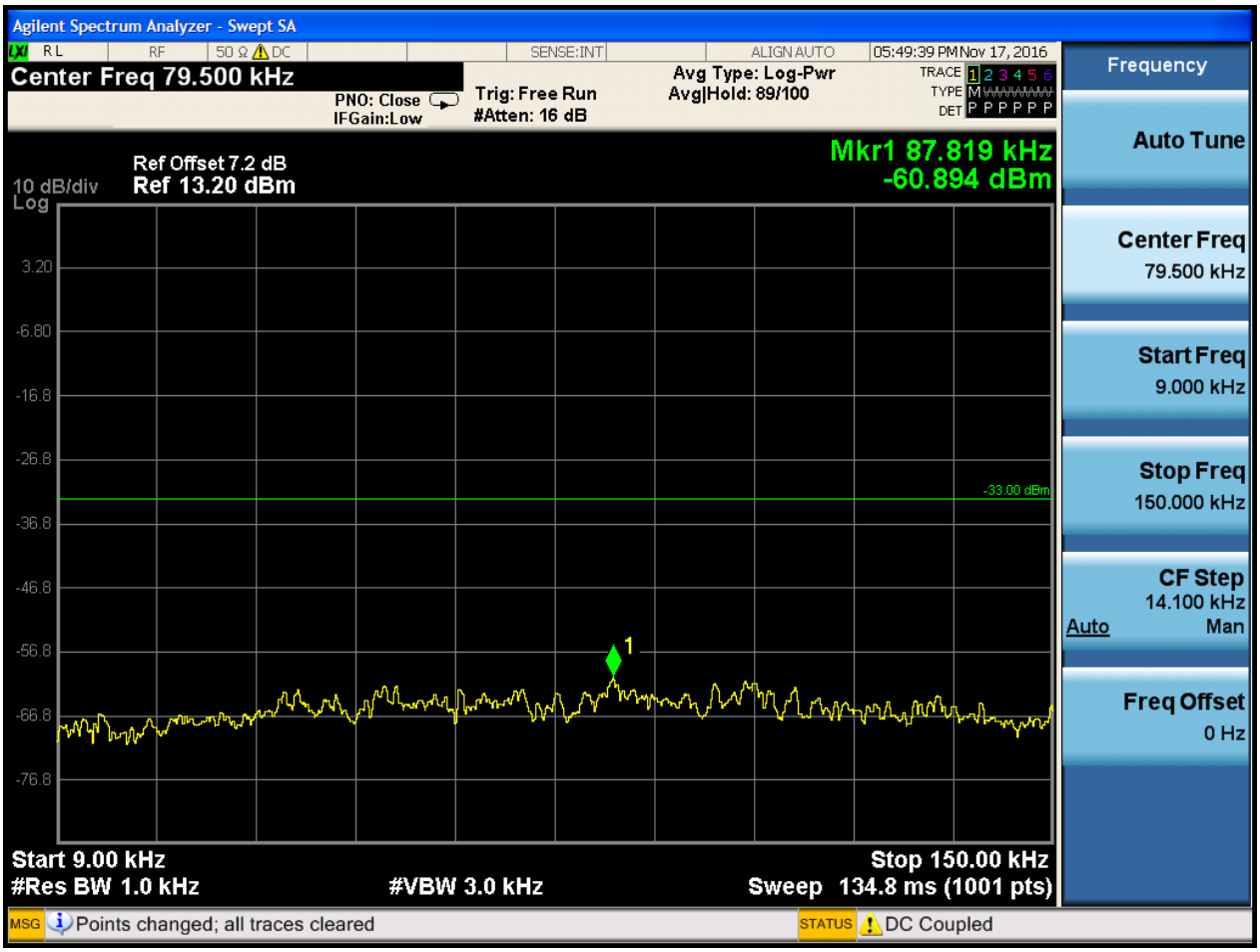


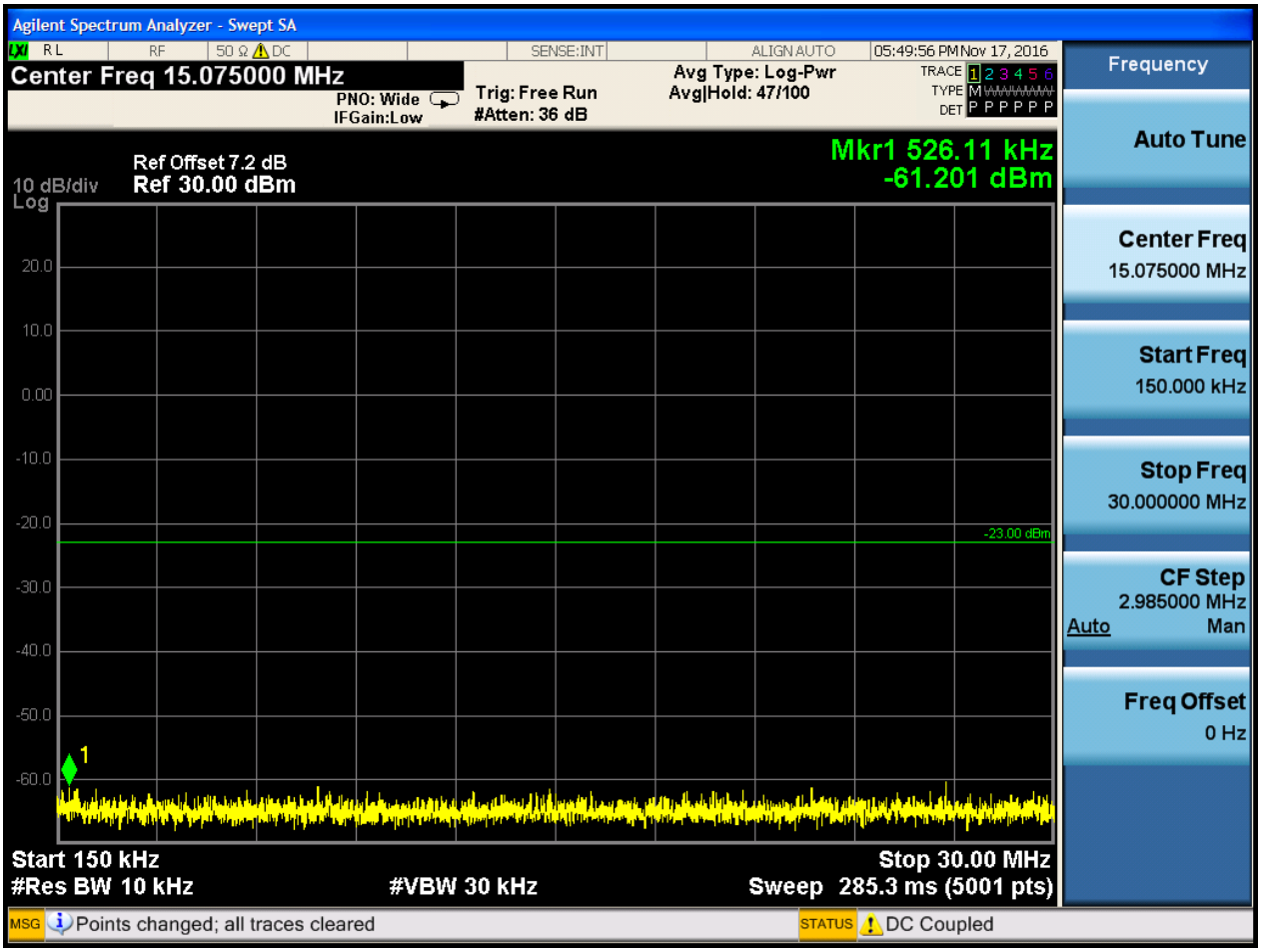


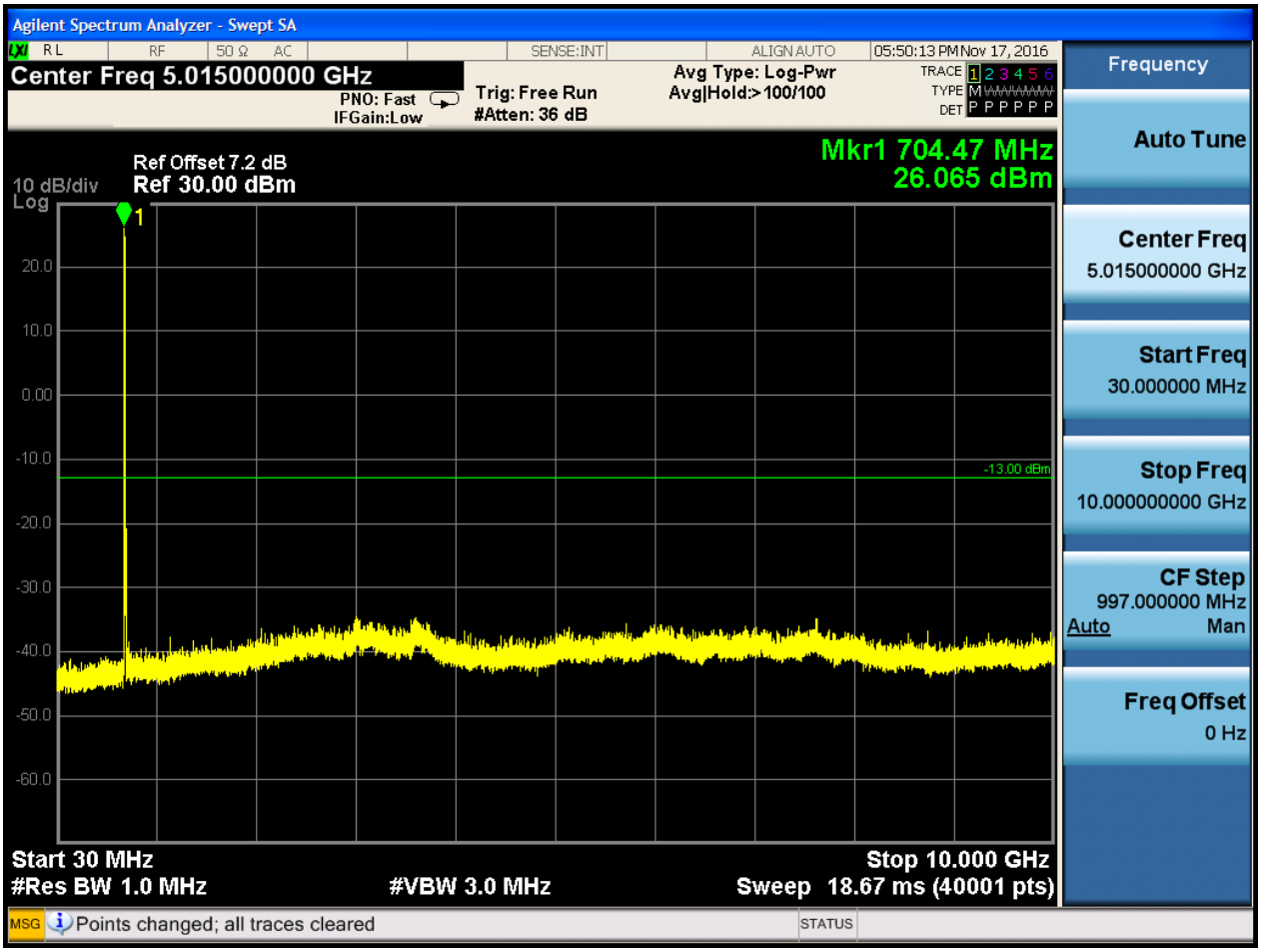
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0

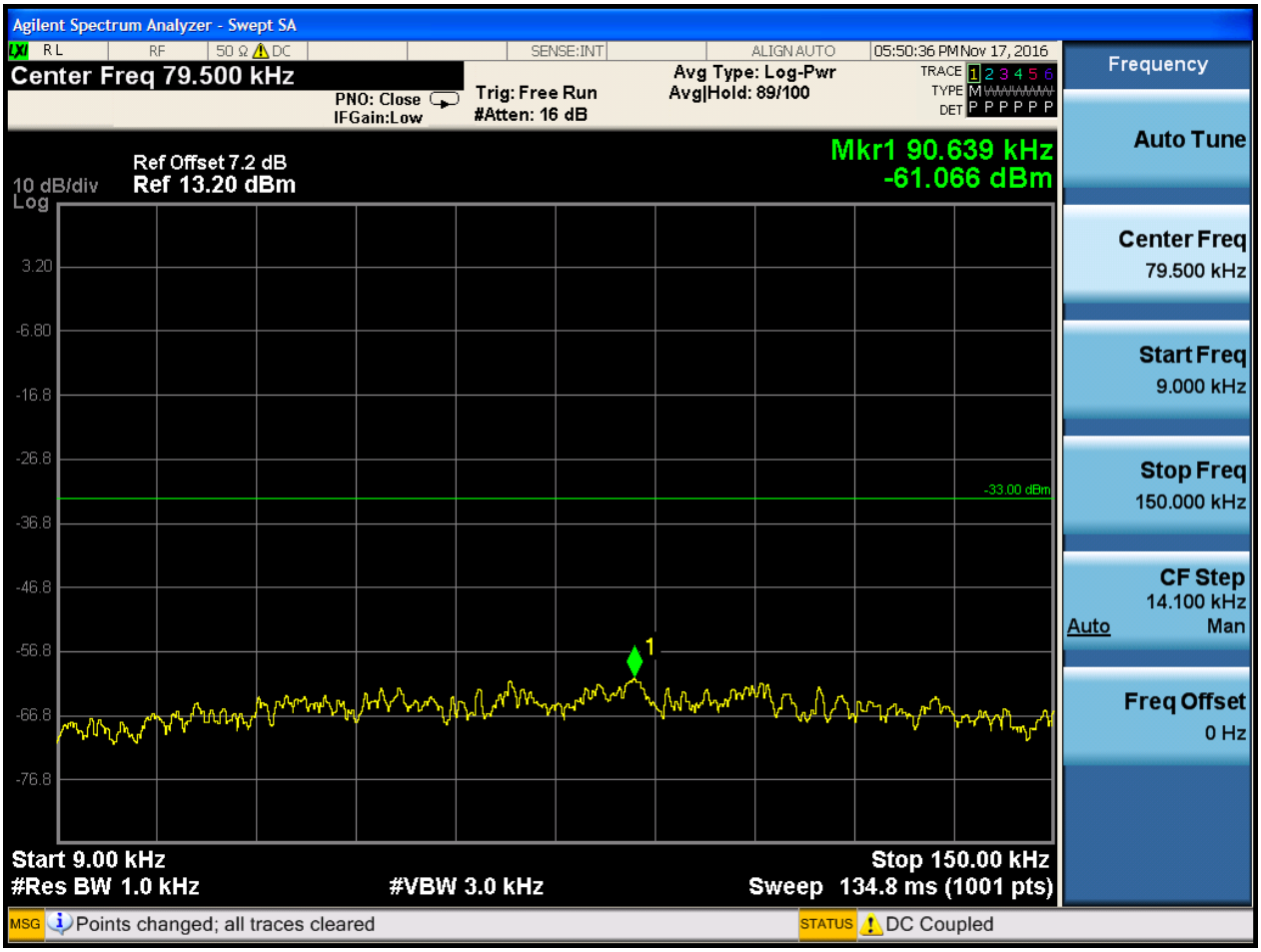


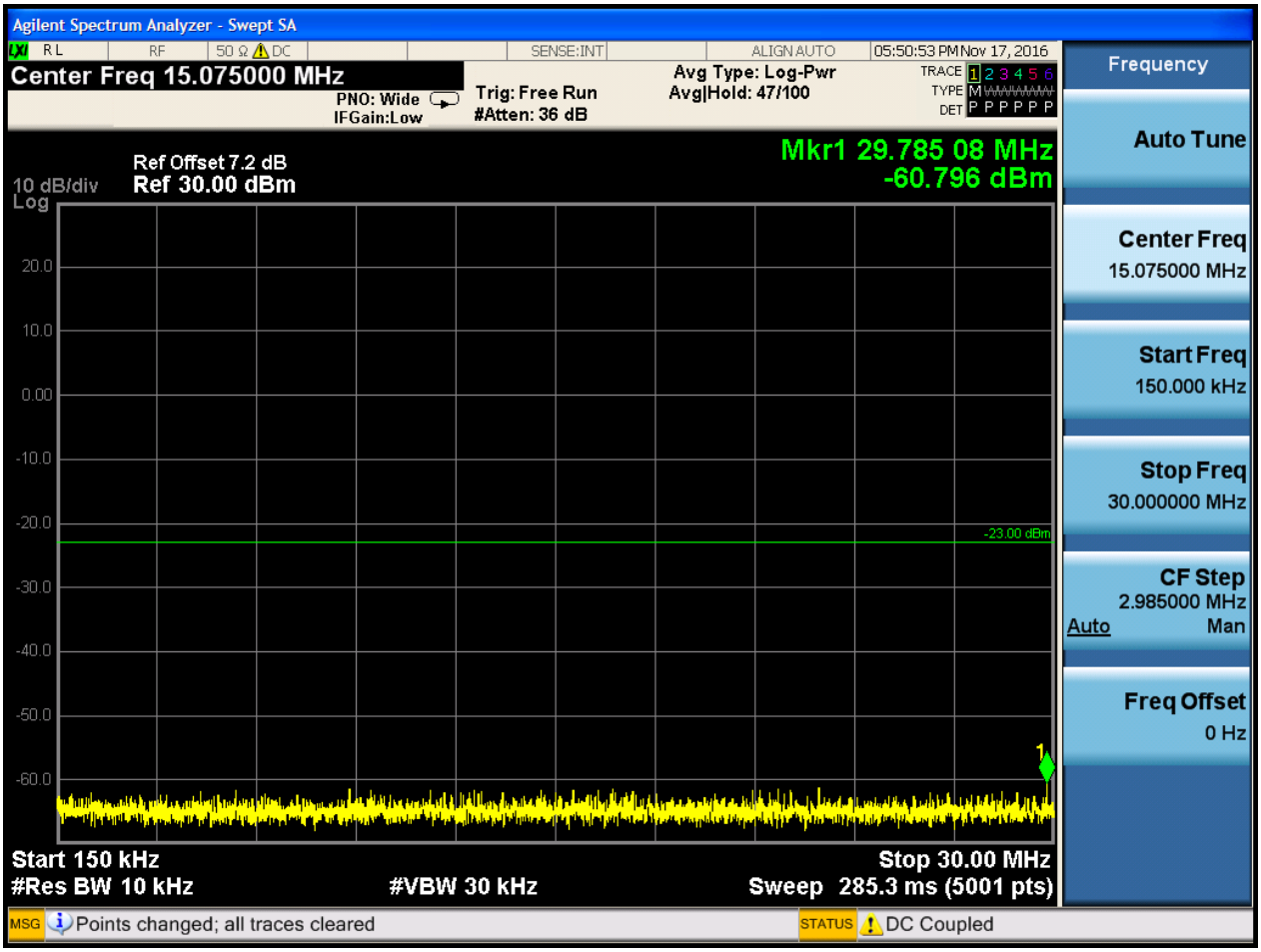


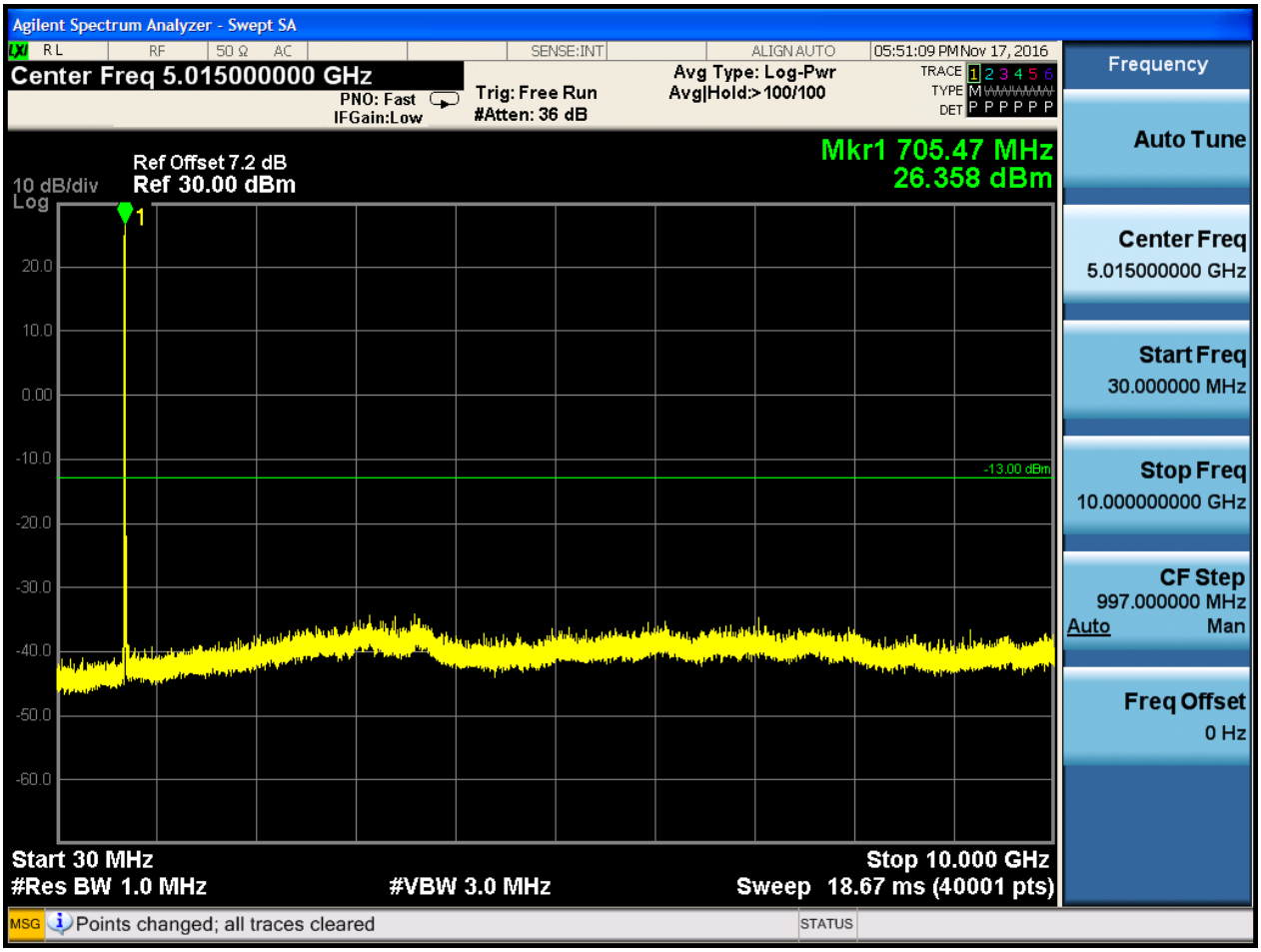


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

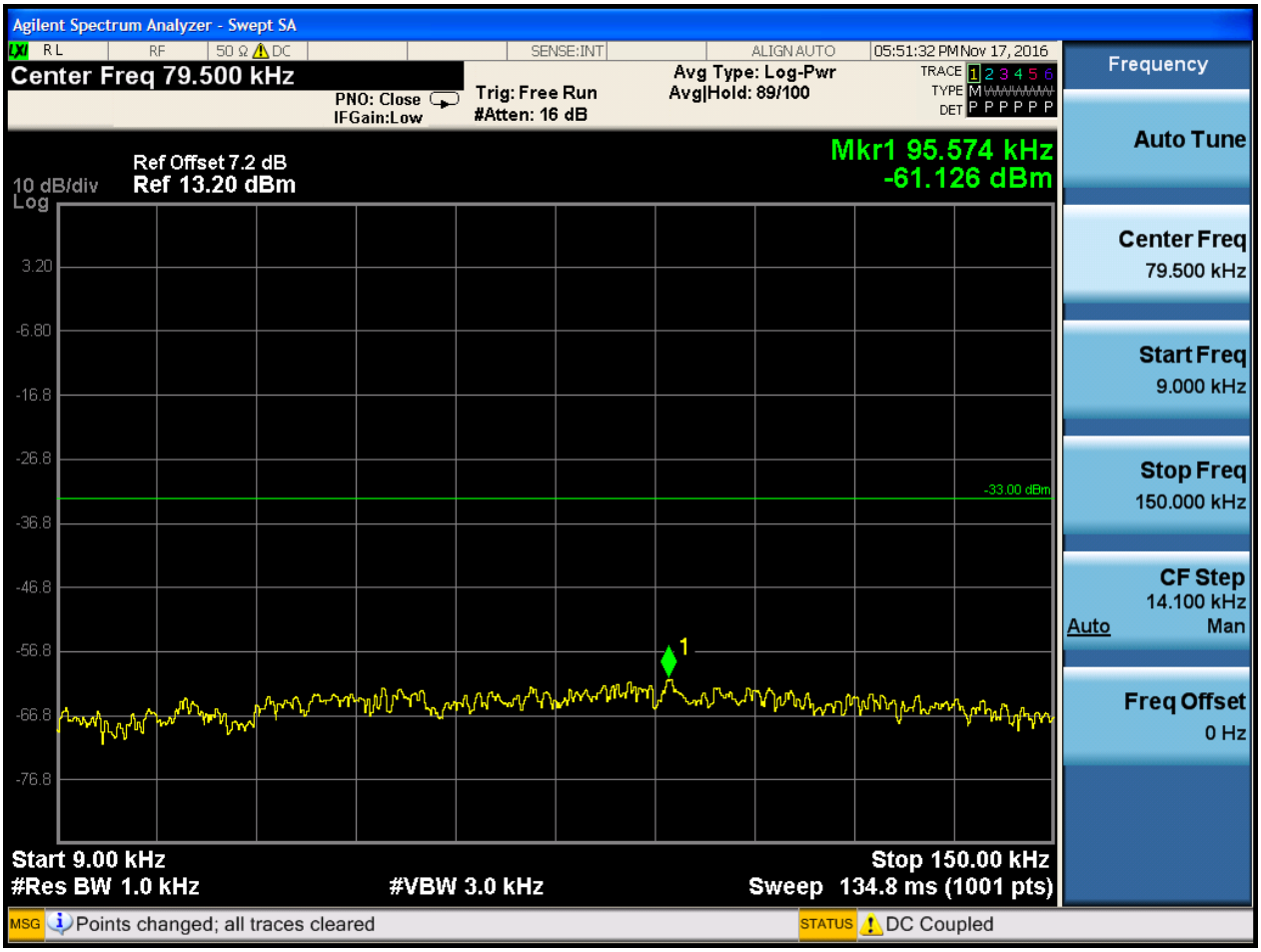


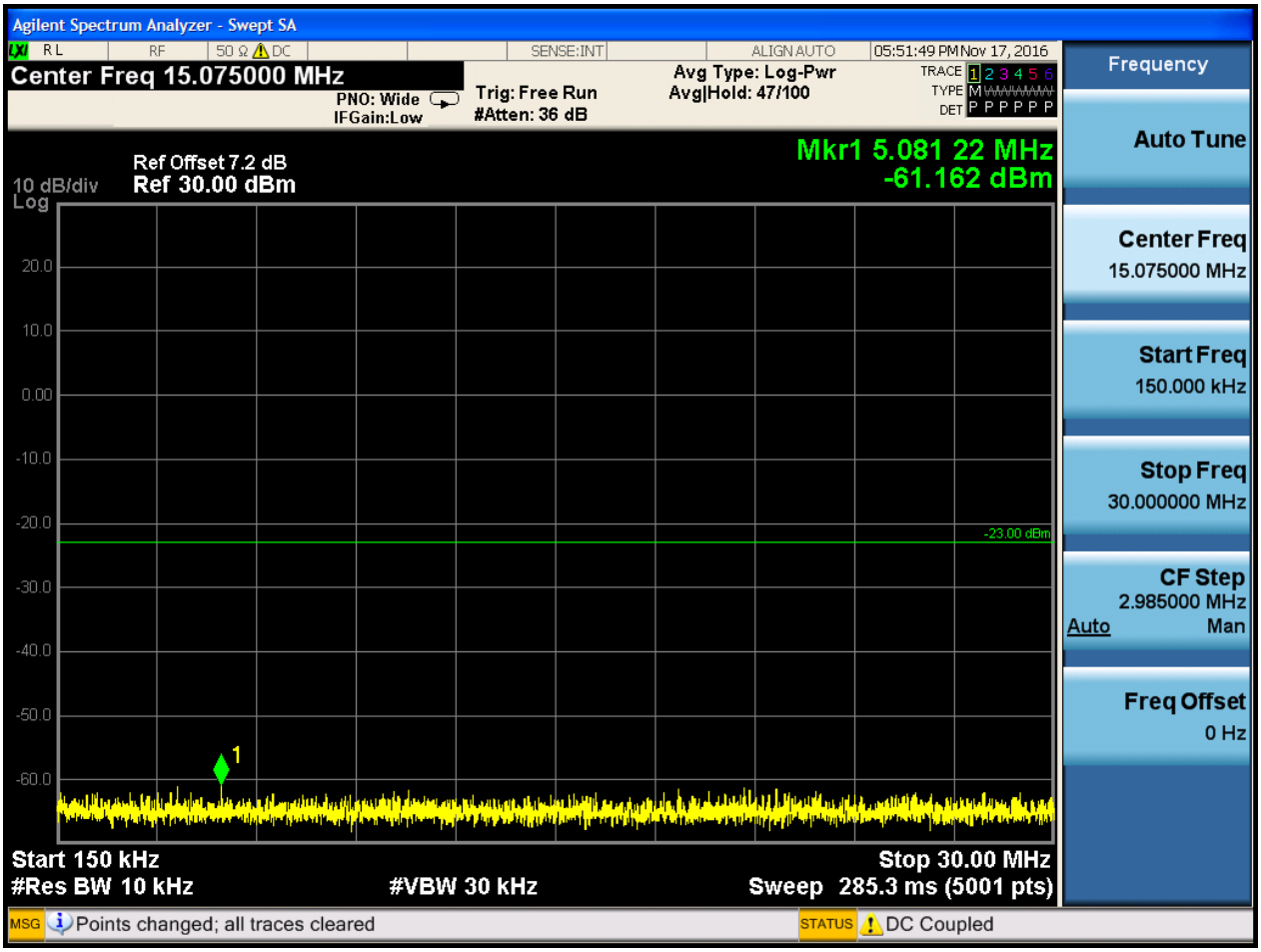


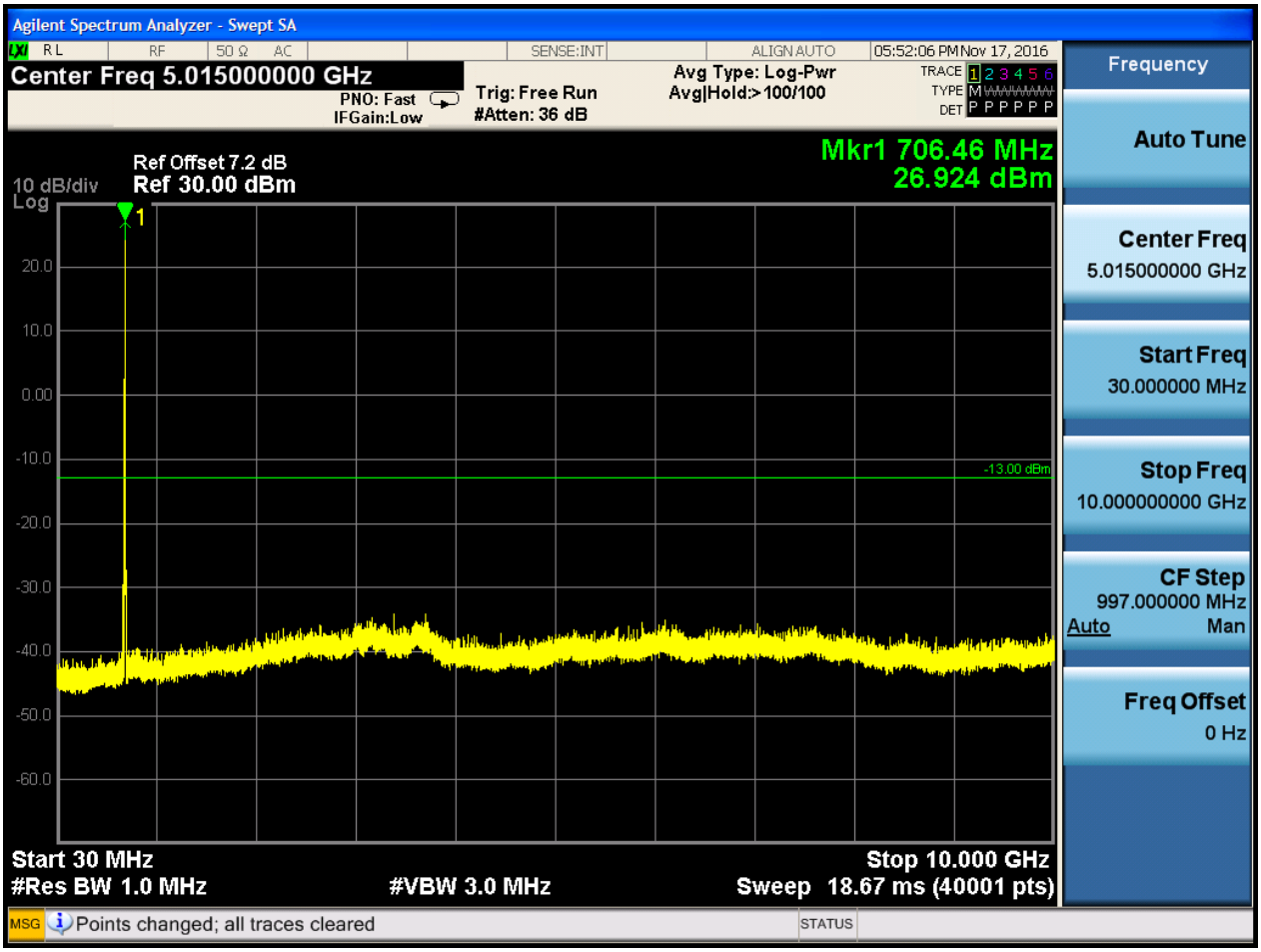


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0





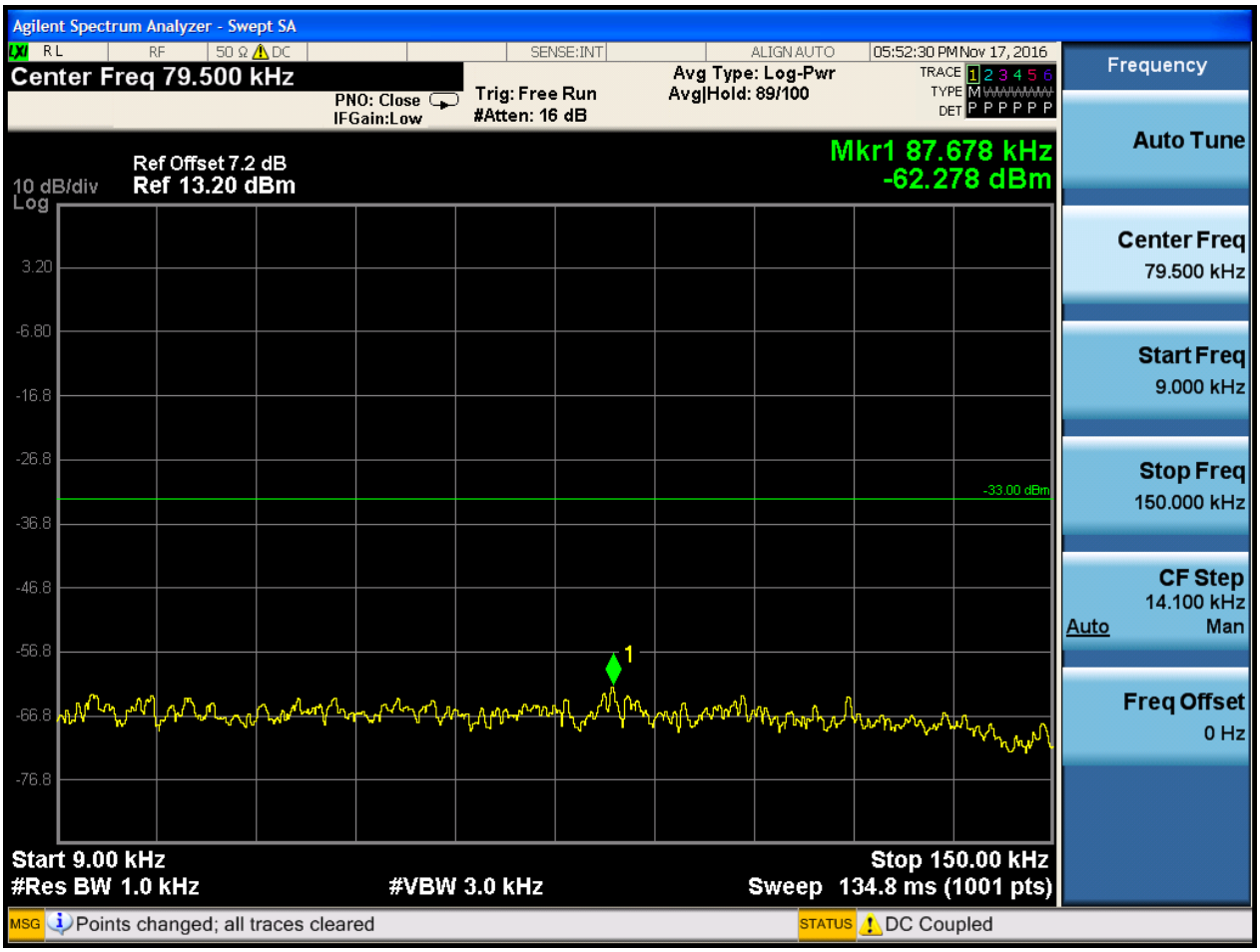


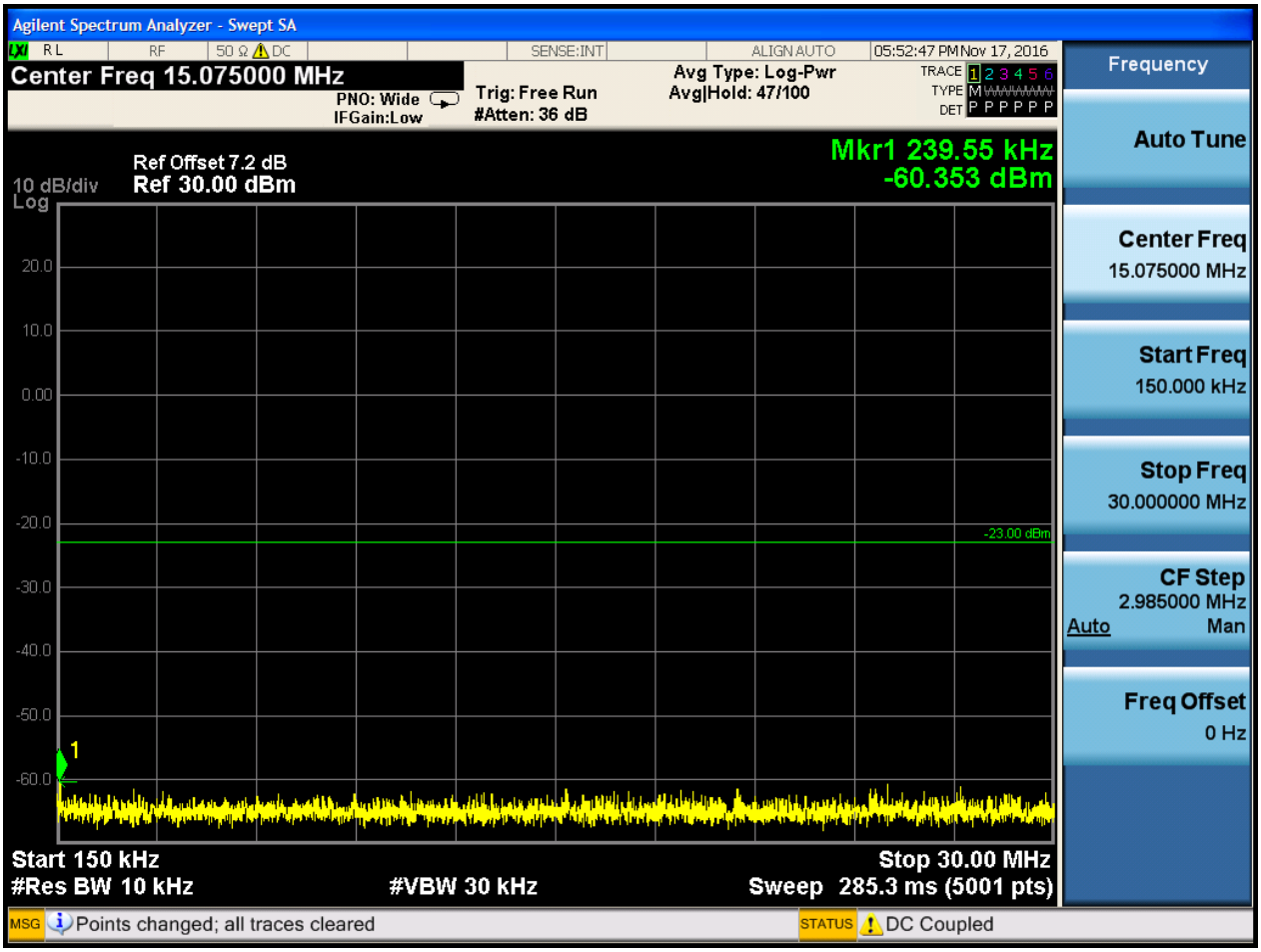
6.1.1.2 Test Mode = LTE/TM2

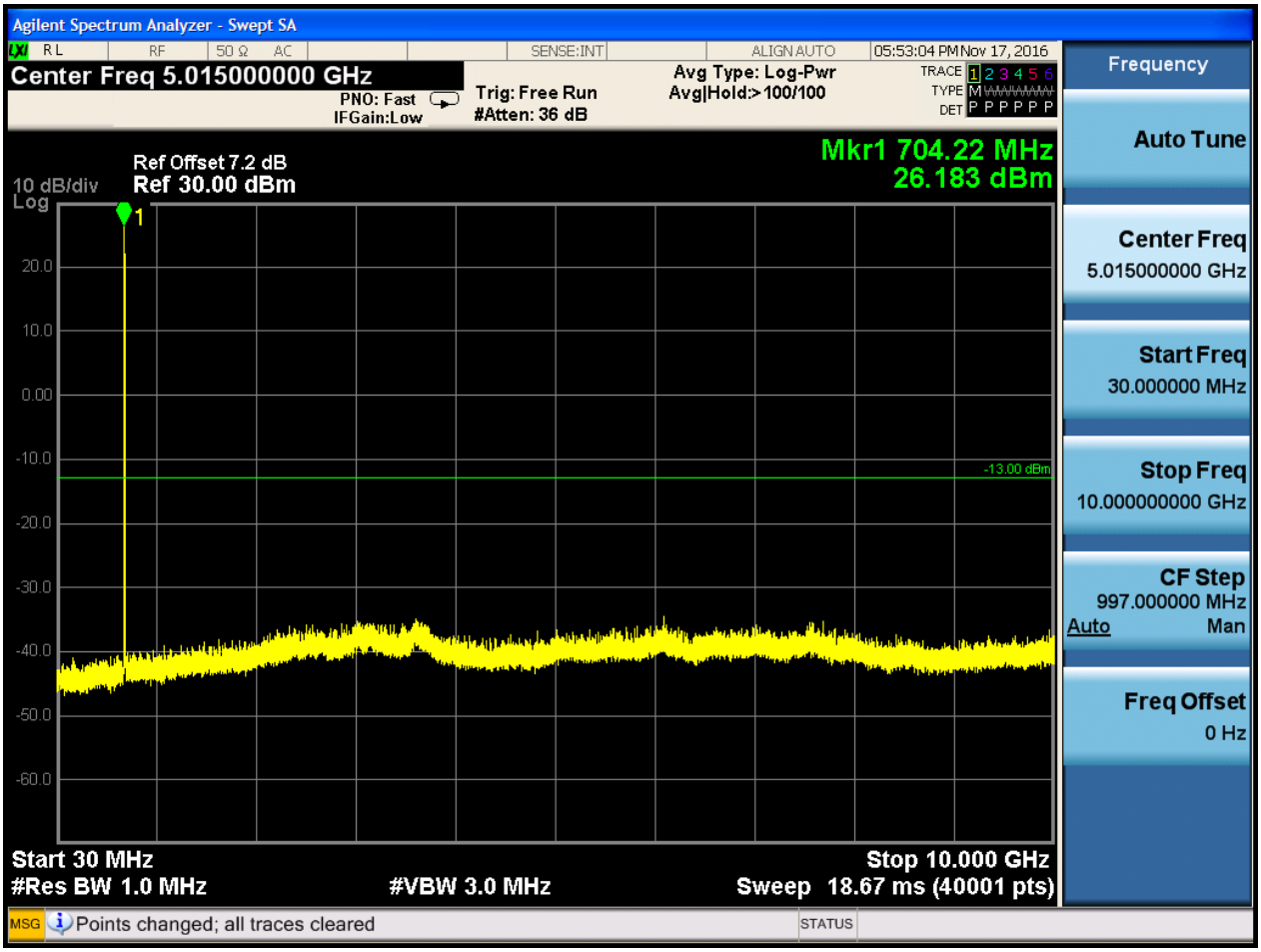
6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0

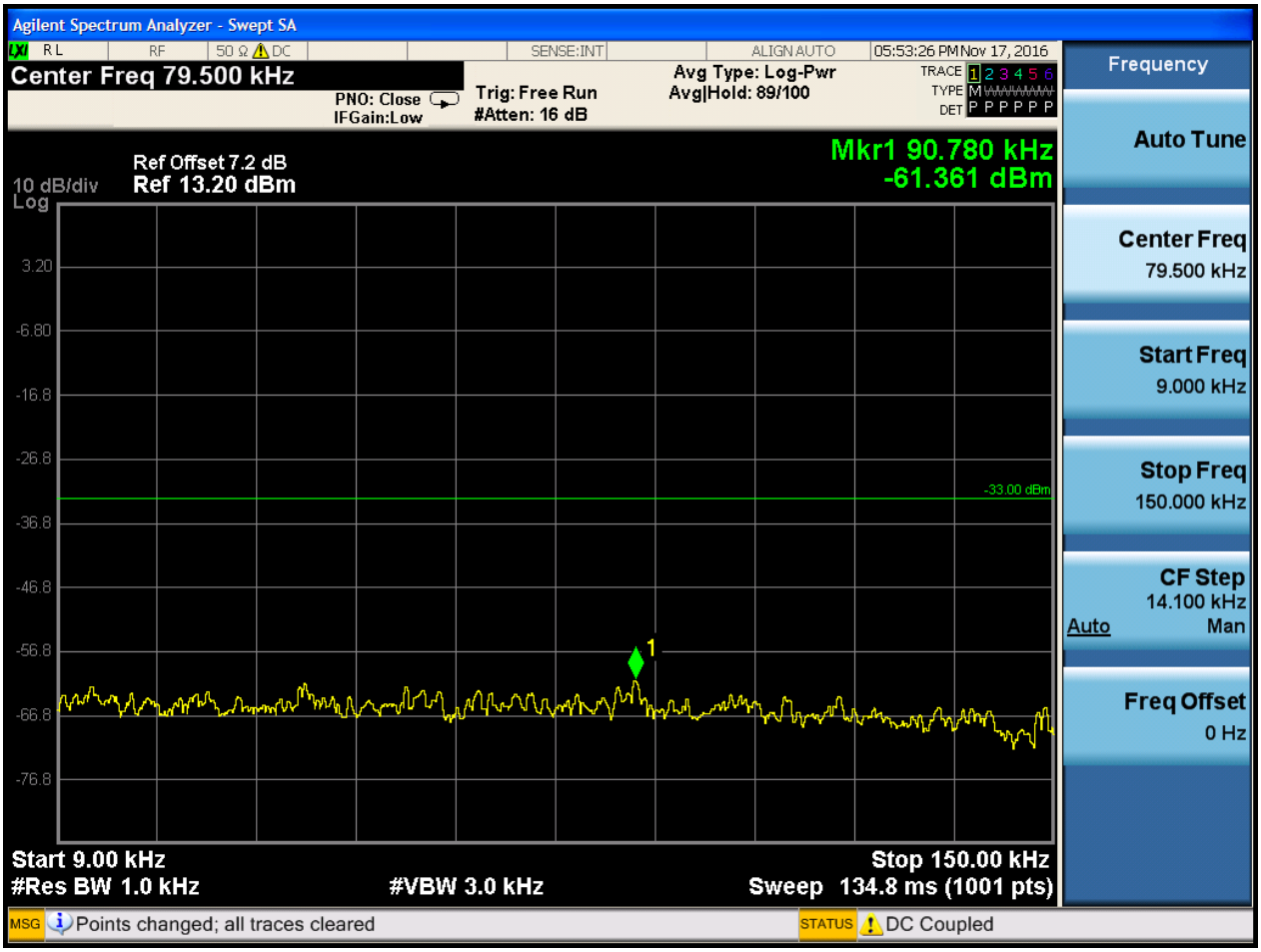


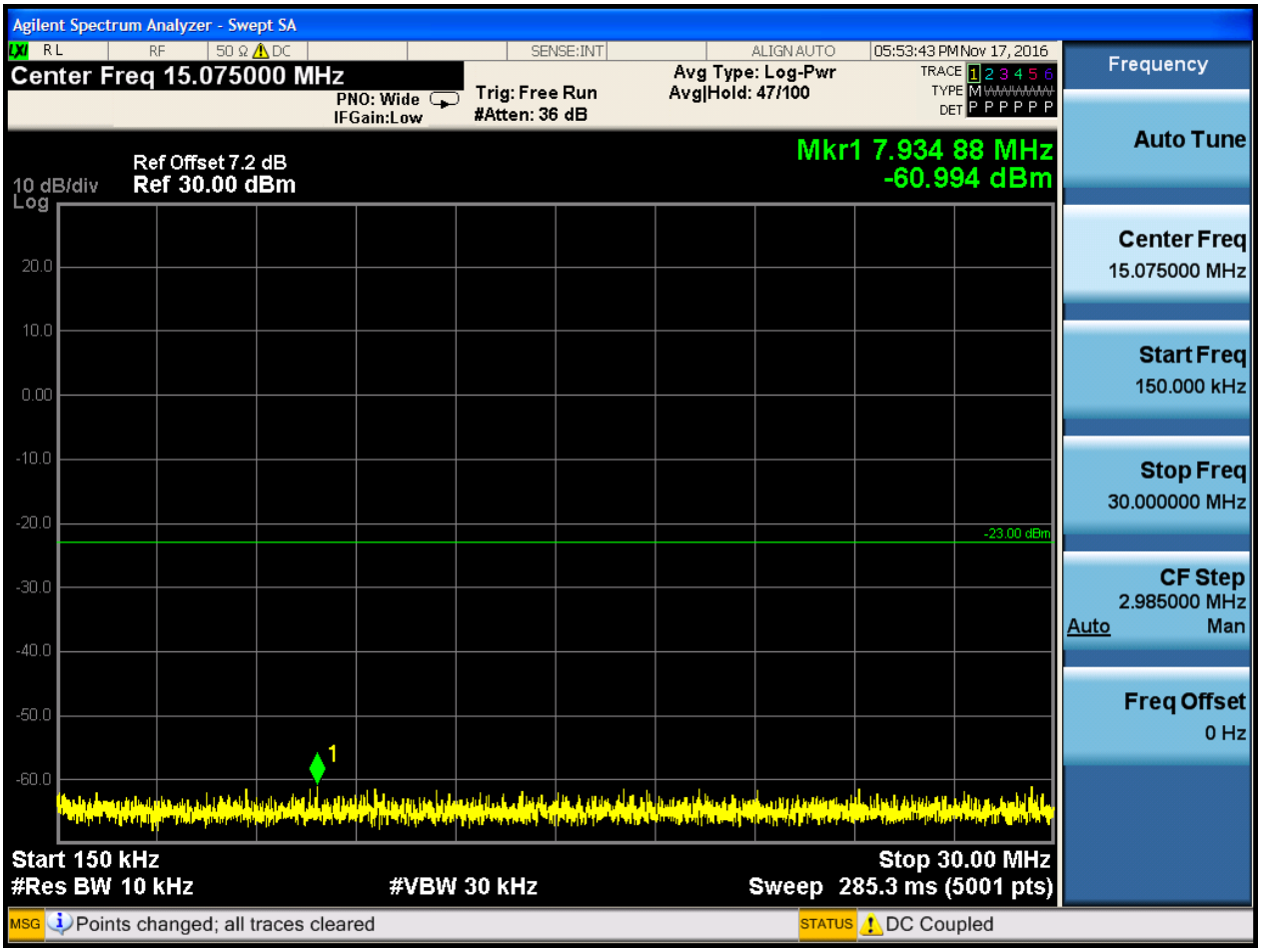


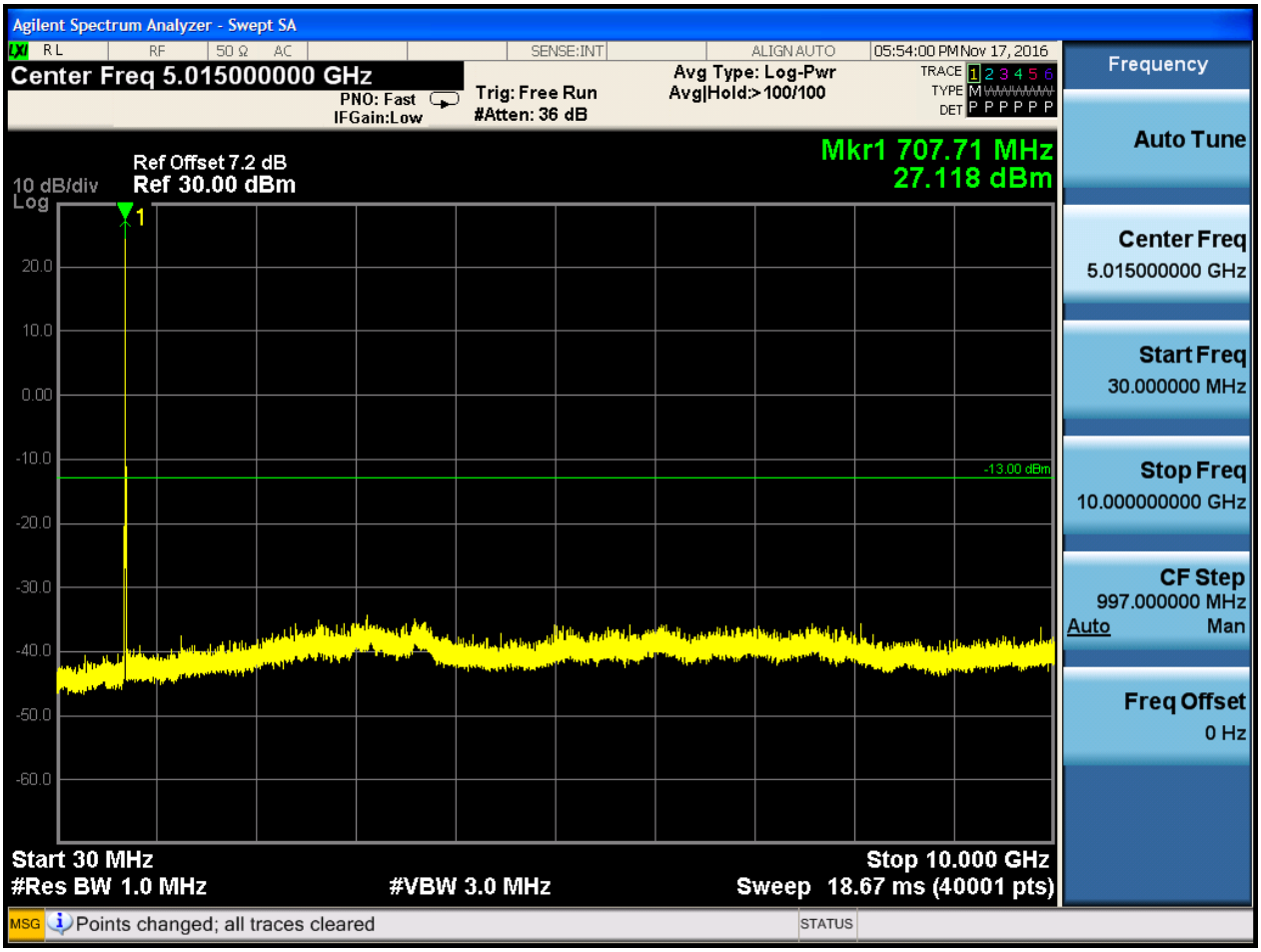


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

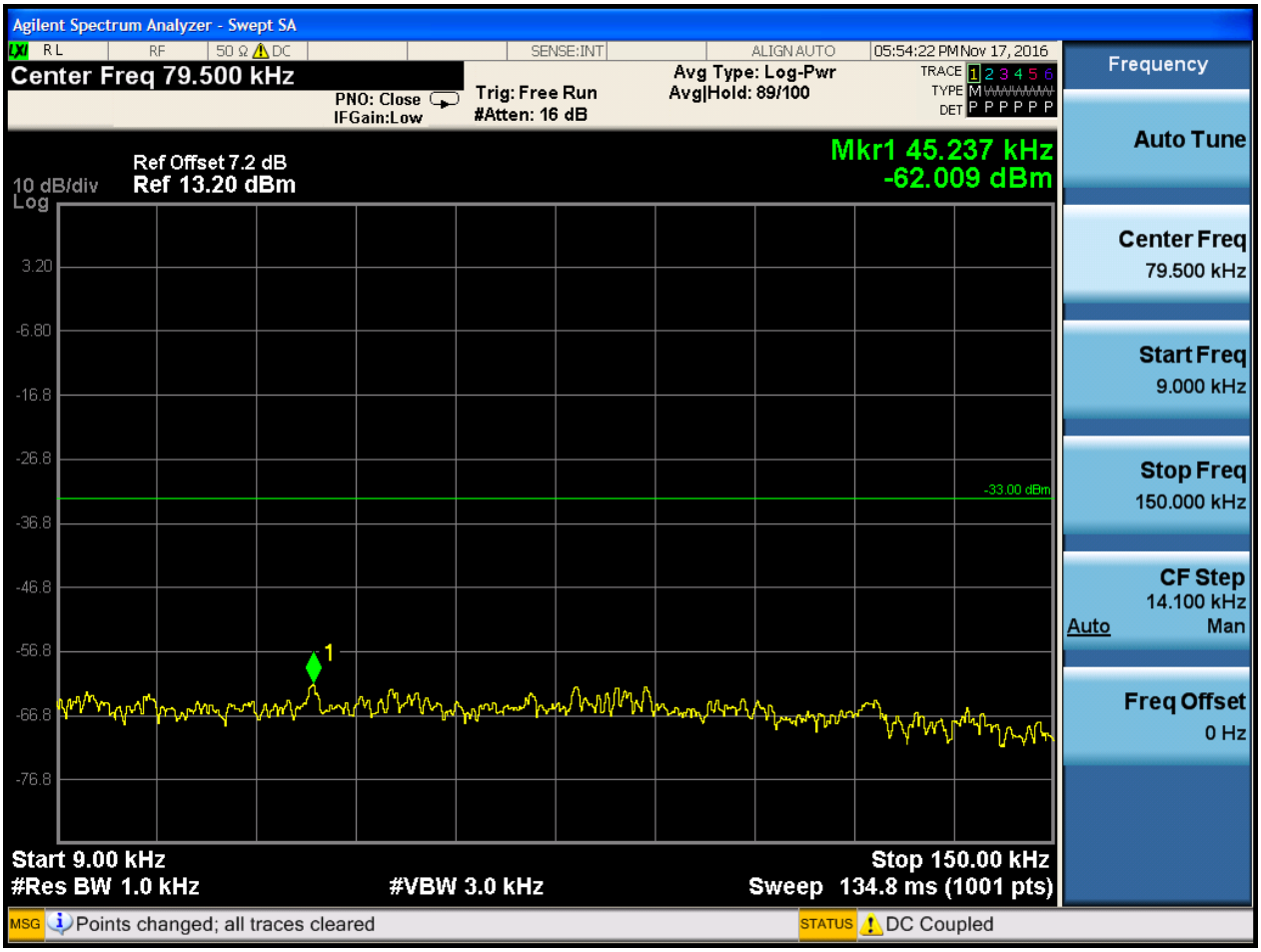


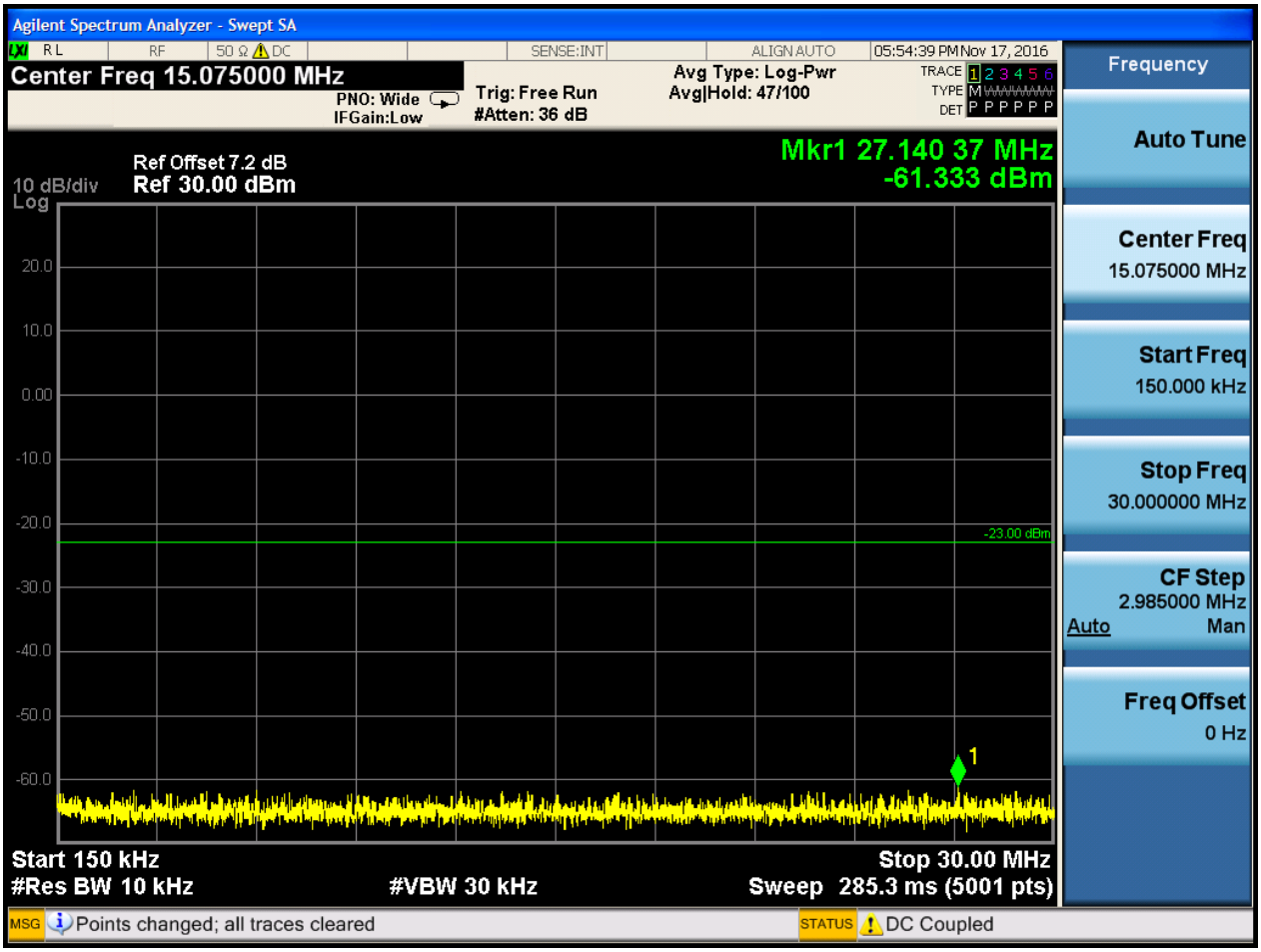


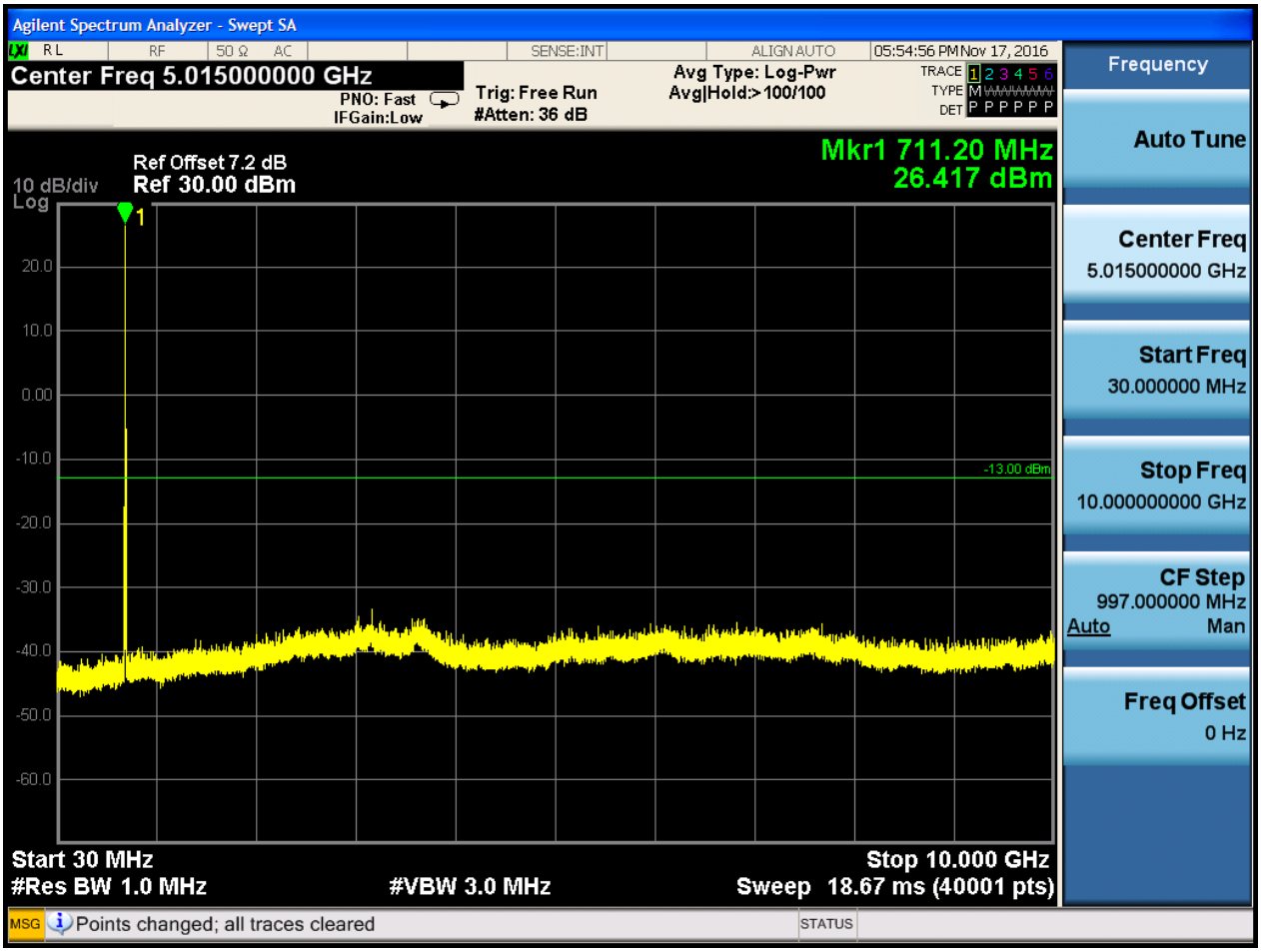


5.1.1.2.1.3 Test Channel = HCH

5.1.1.2.1.3.1 Test RB = RB1#0



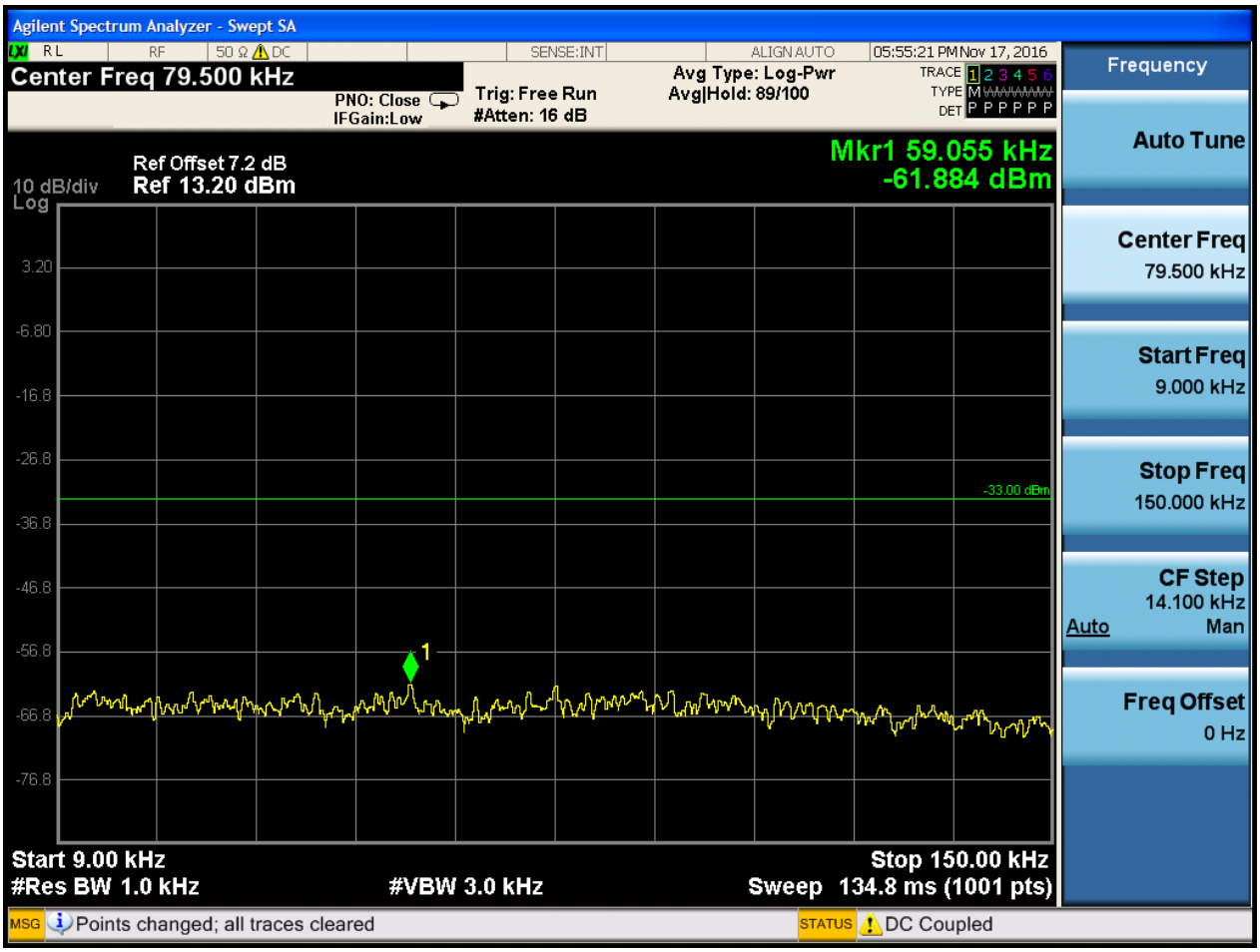


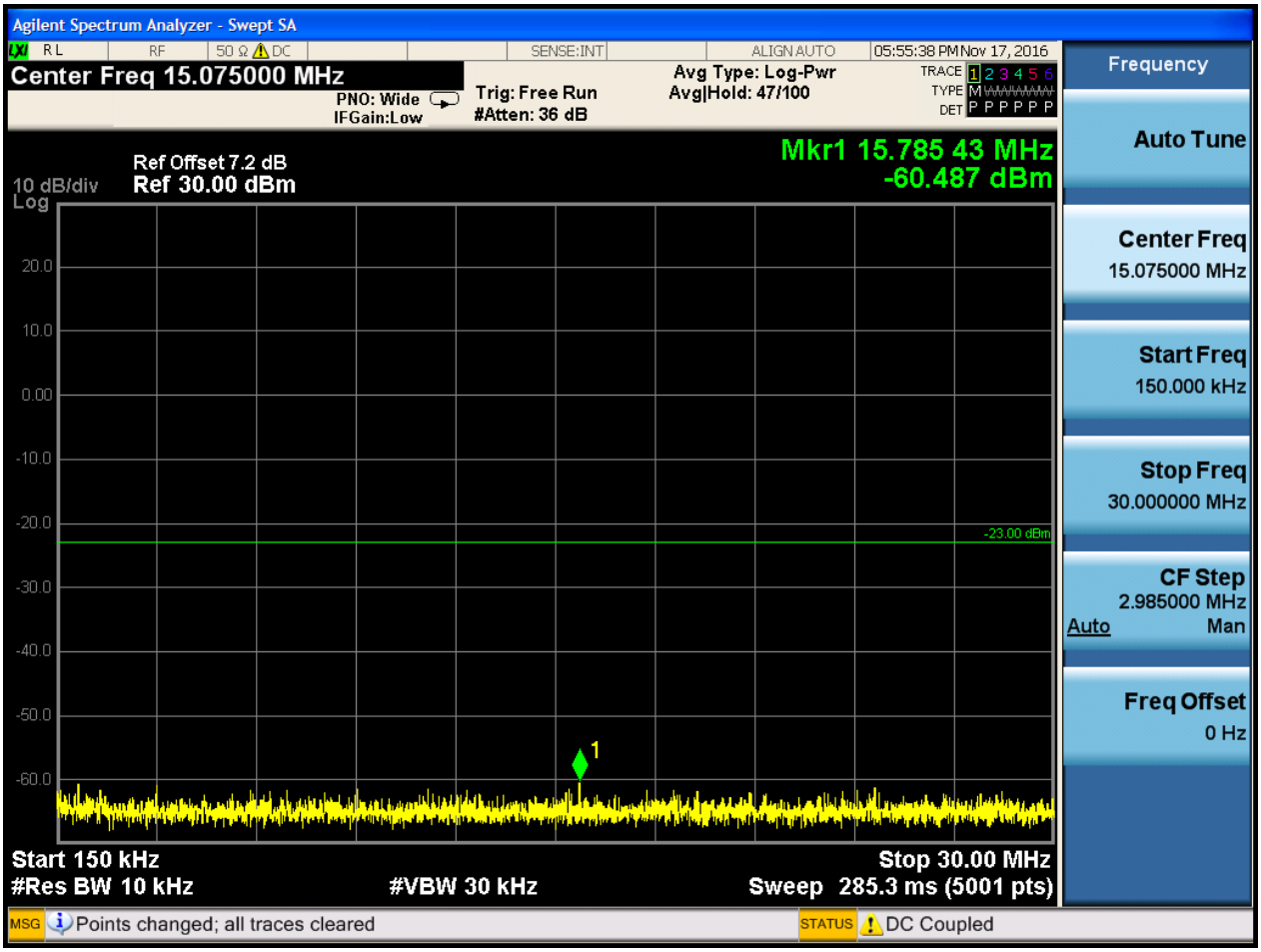


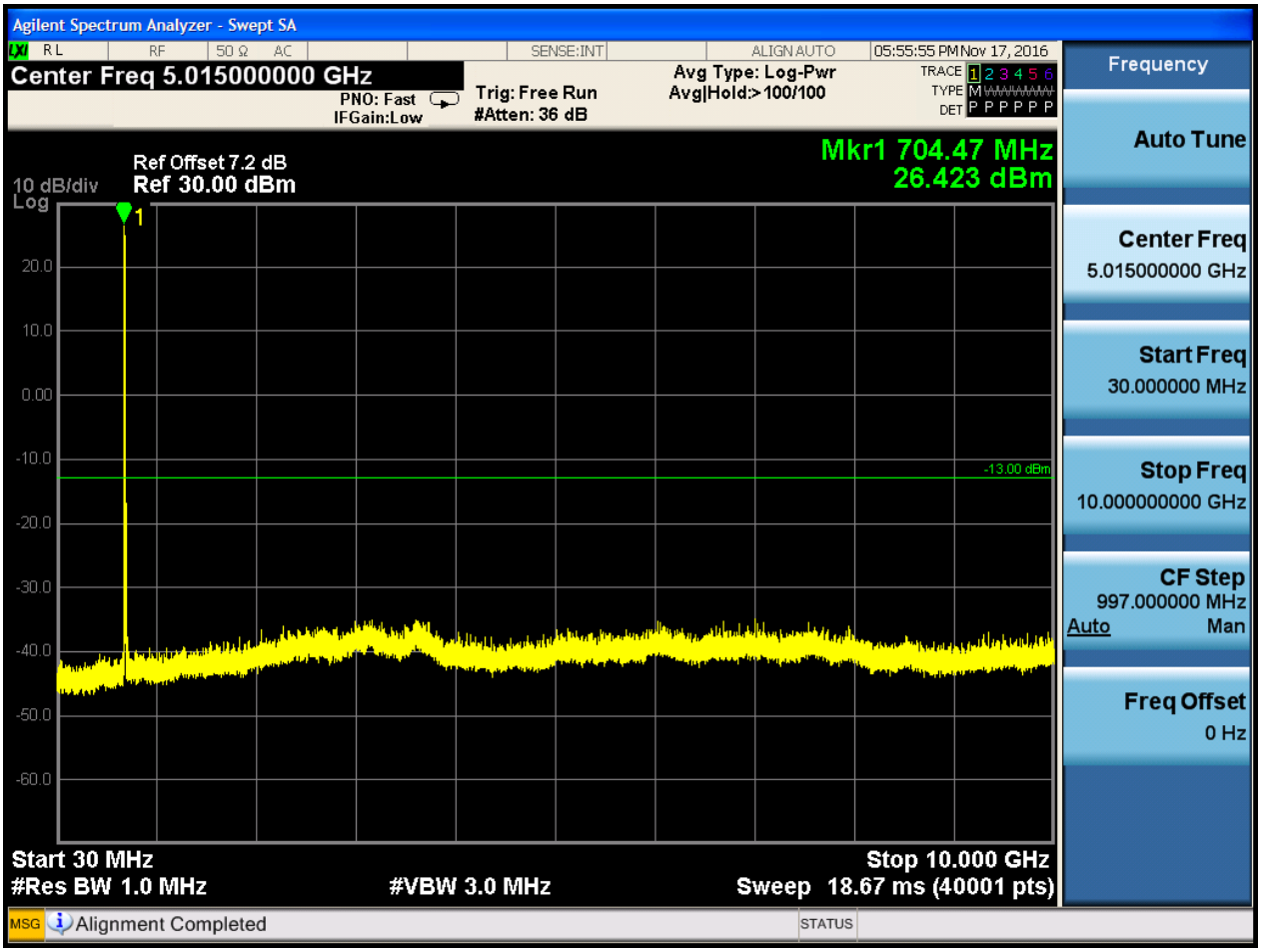
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

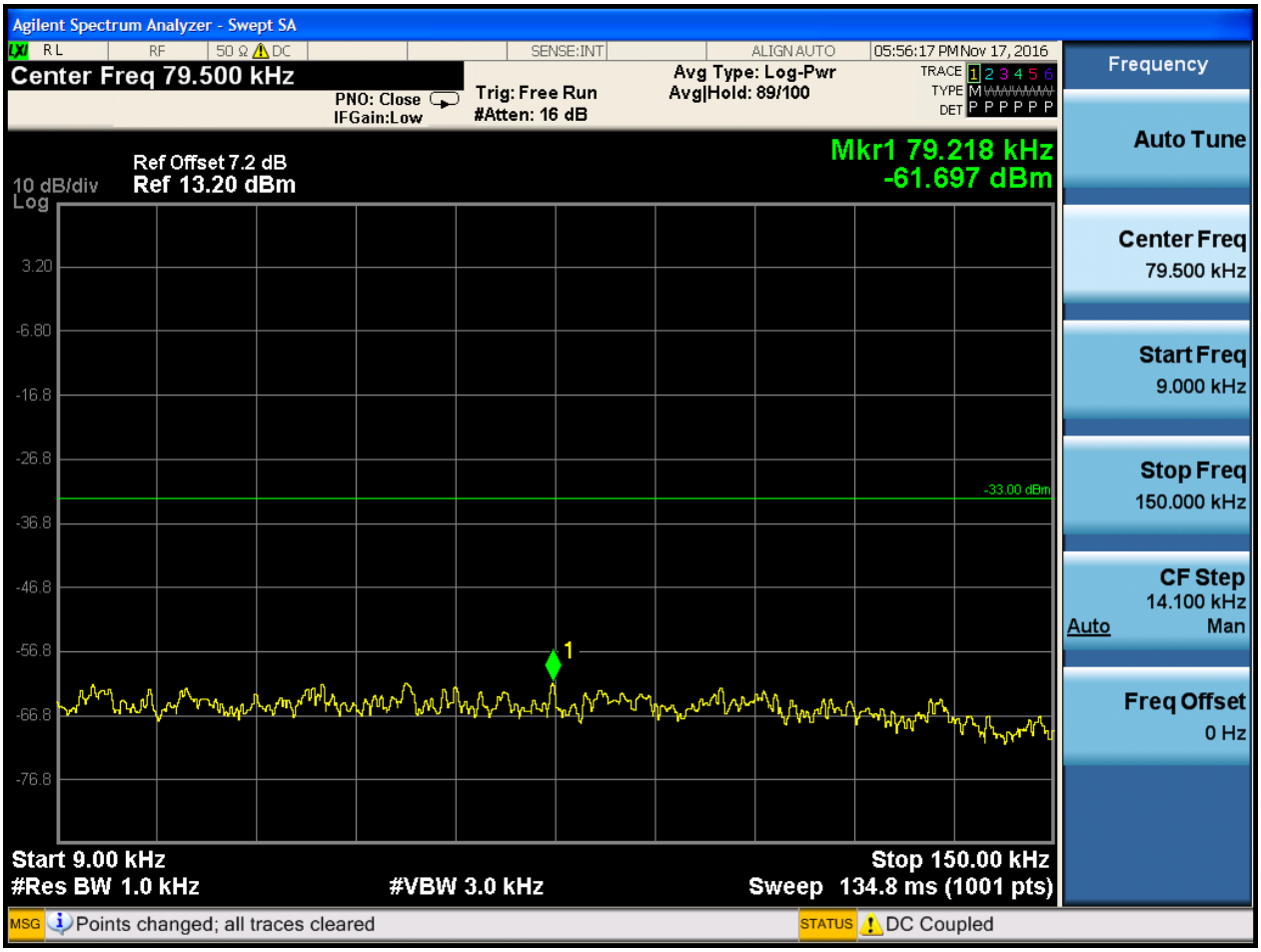


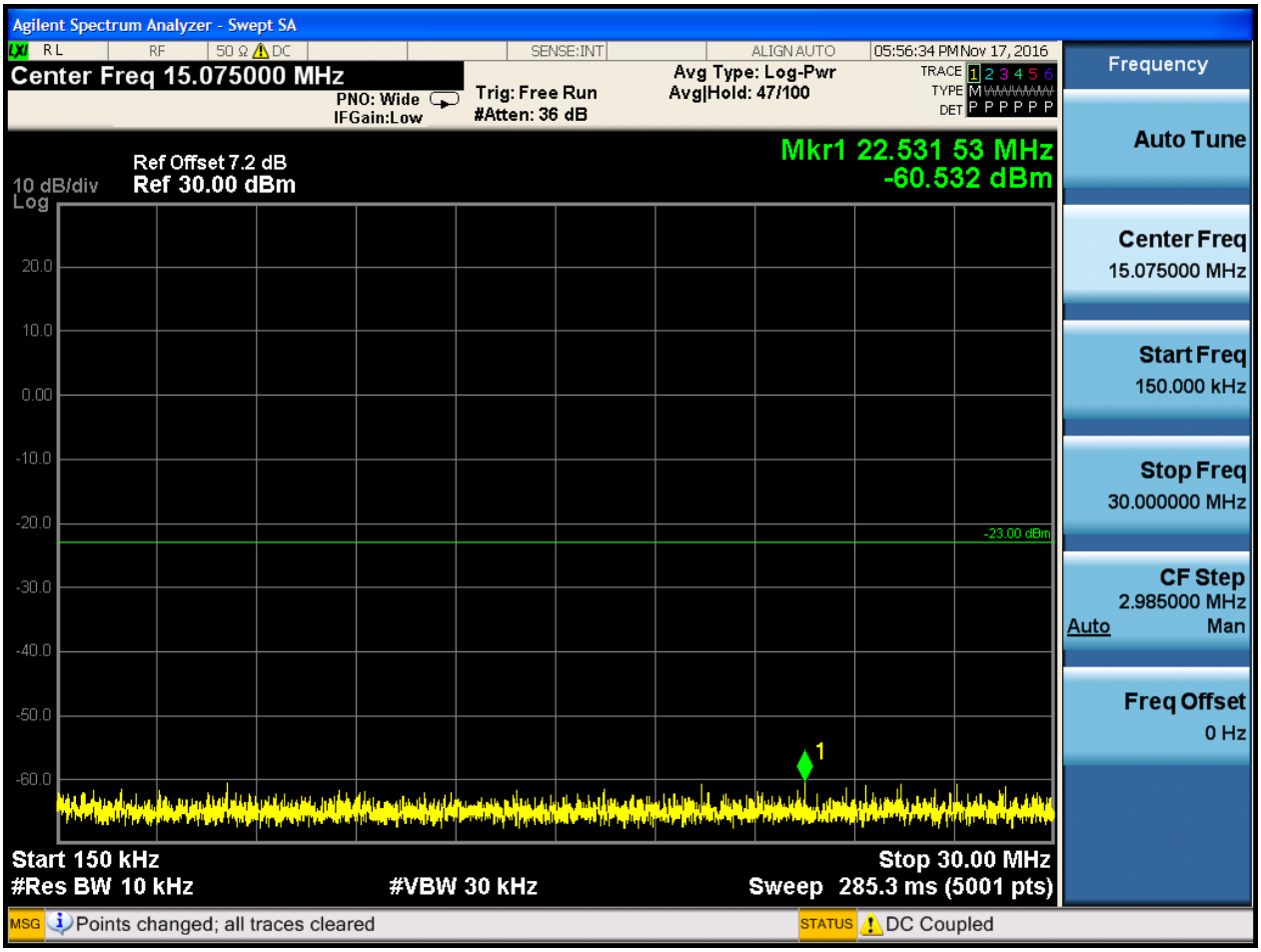


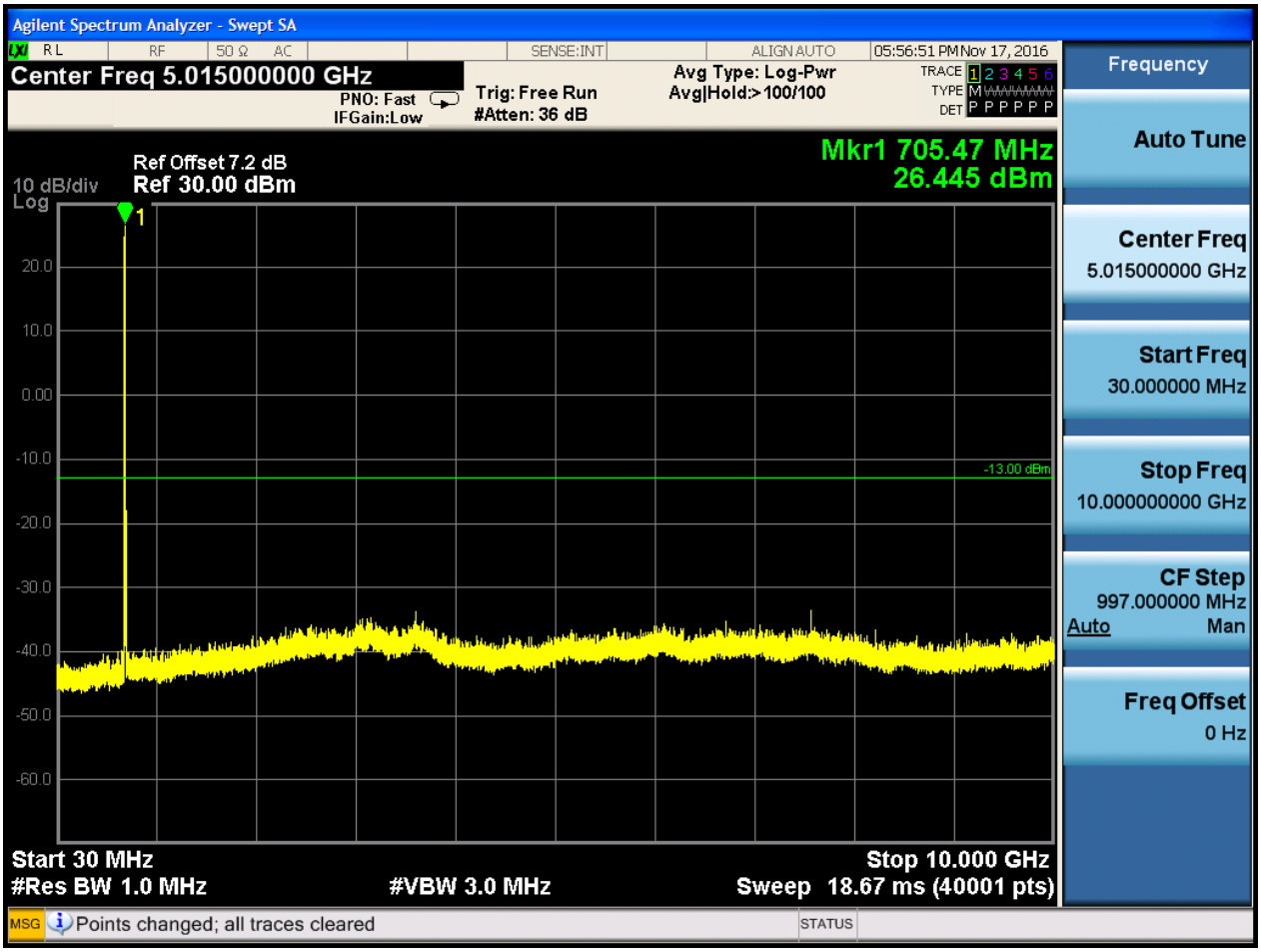


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

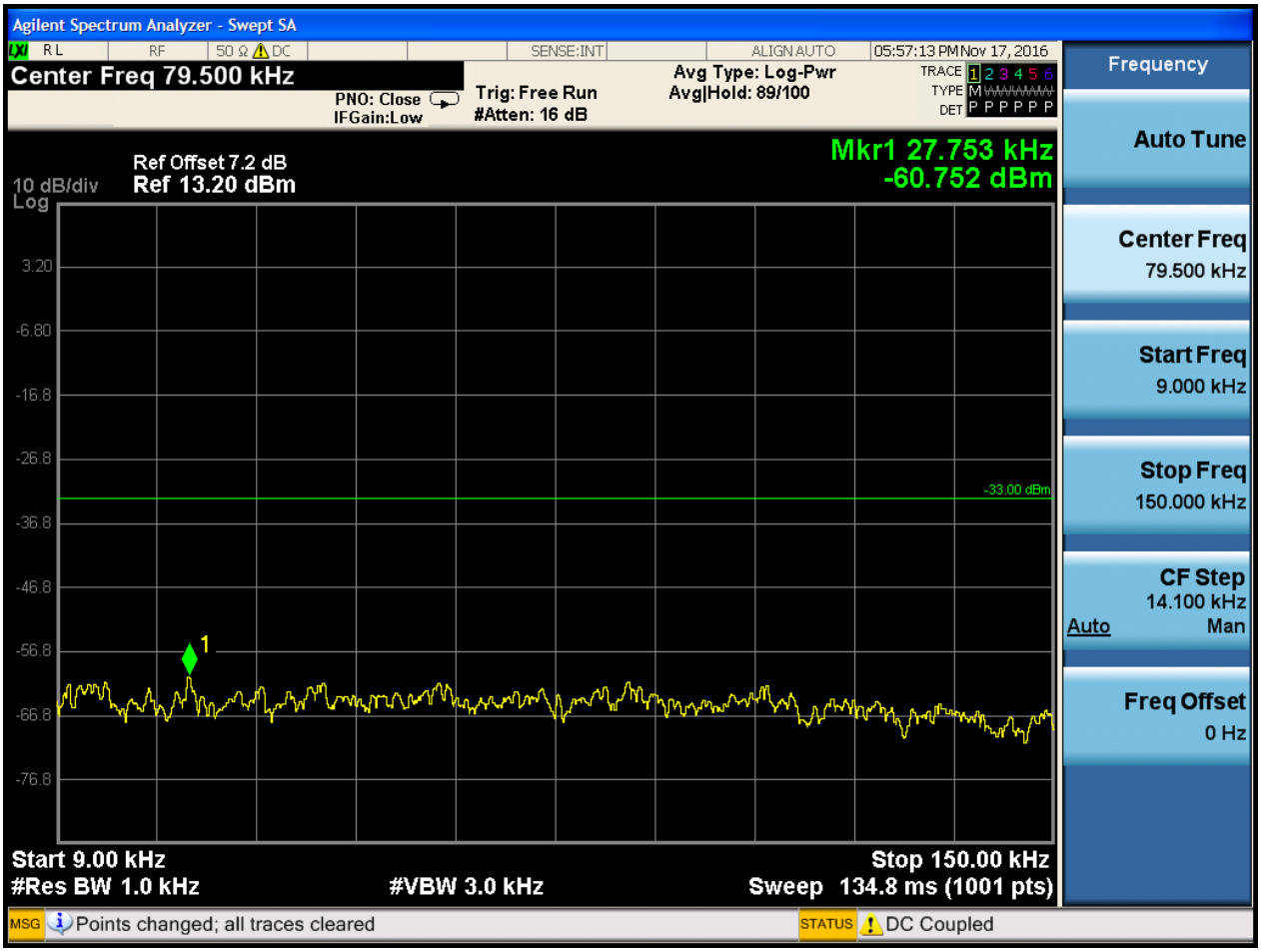


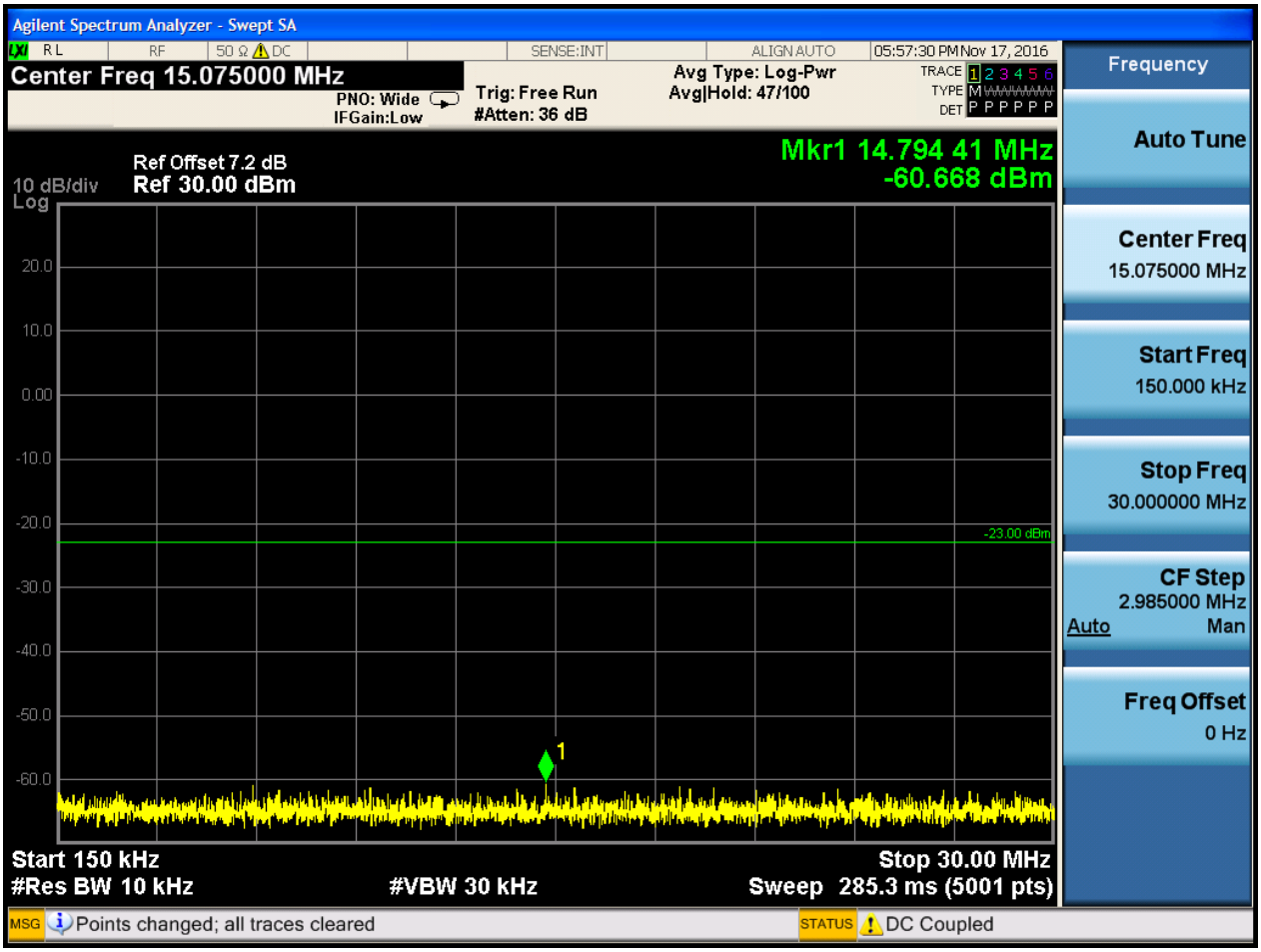


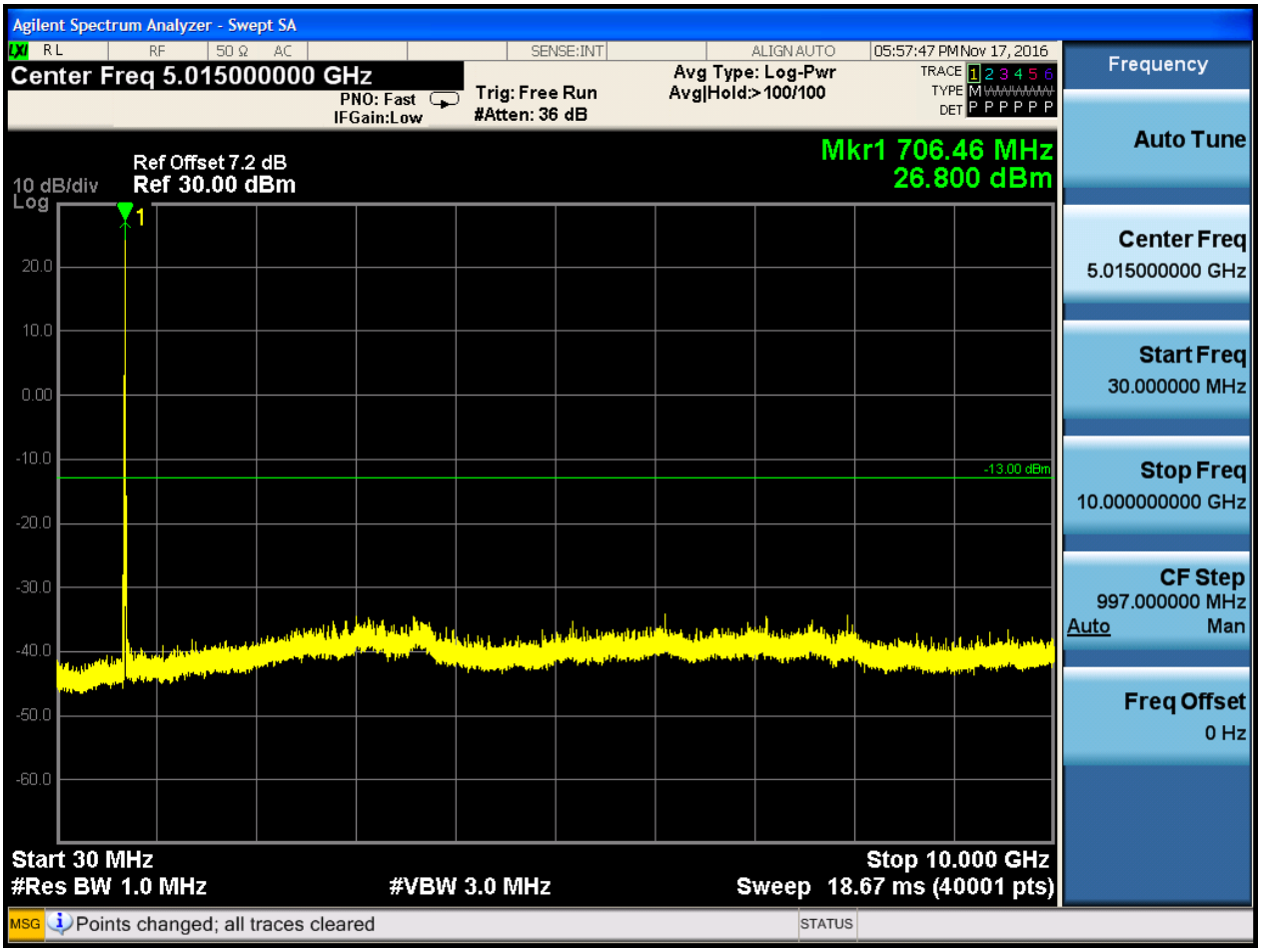


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, VBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, VBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

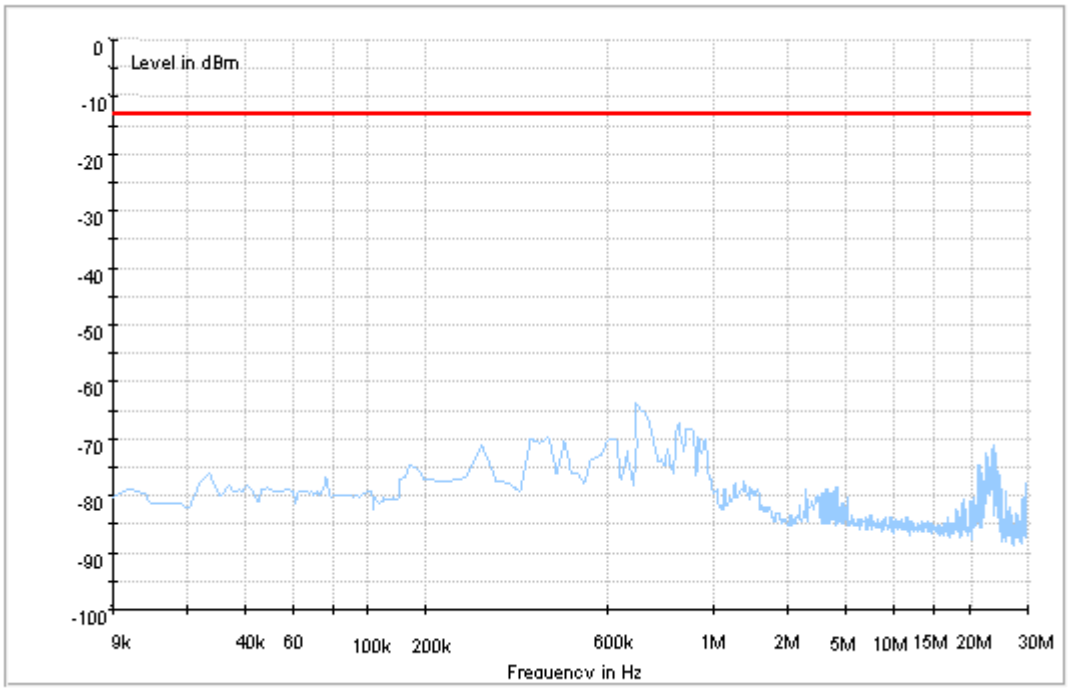
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

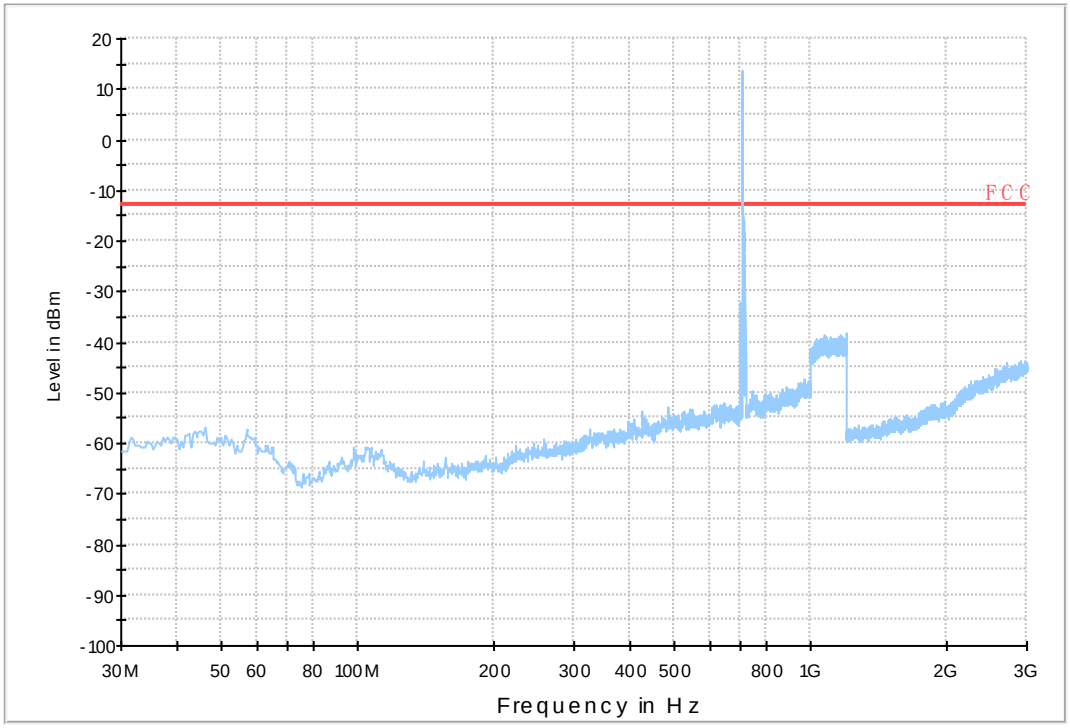
7.1 For LTE

7.1.1 Test Band = BAND17_Ant1

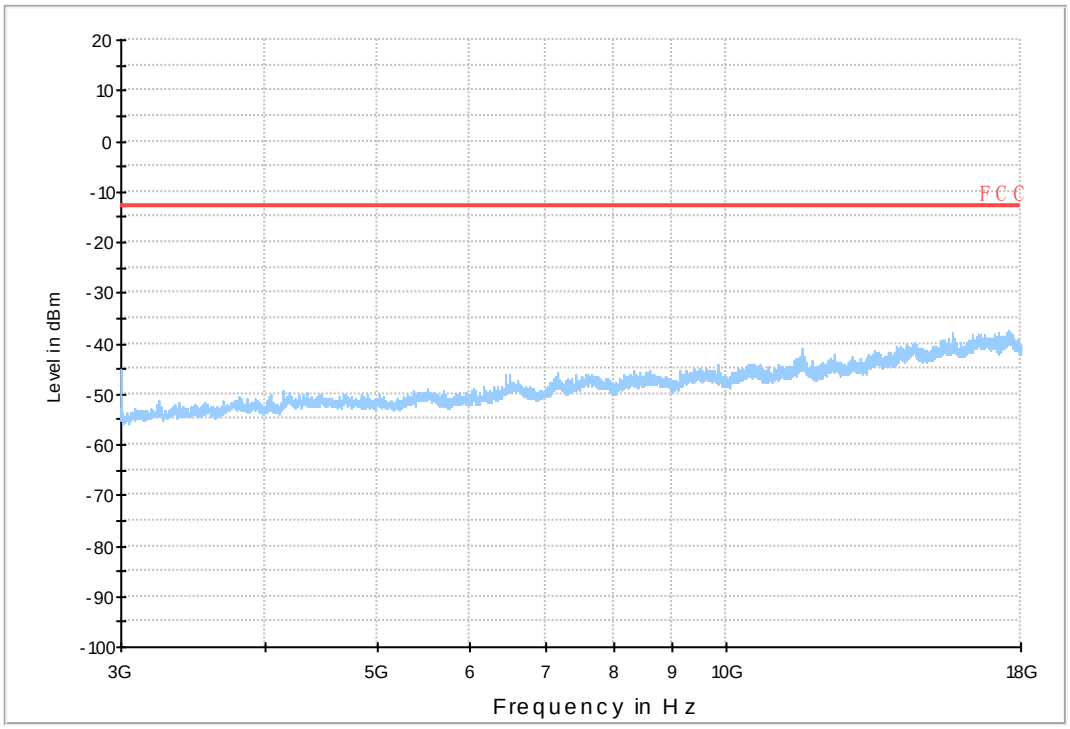
7.1.1.1 Test Bandwidth = 5



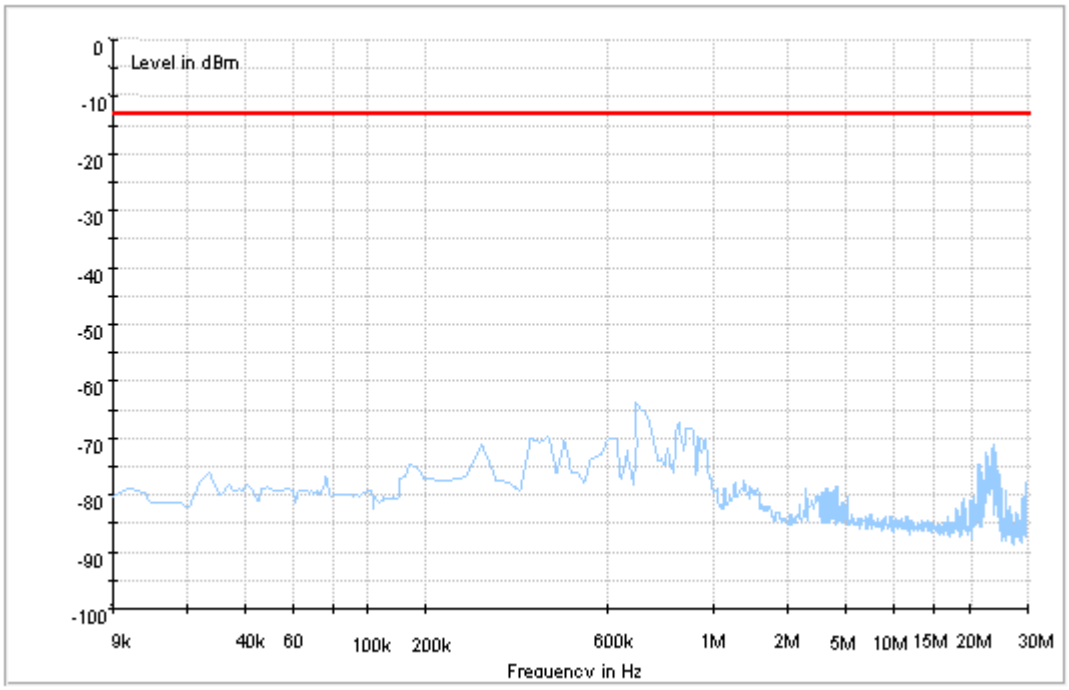
Copy of RSE-TX-DIRECTOR BELOW 1G_L



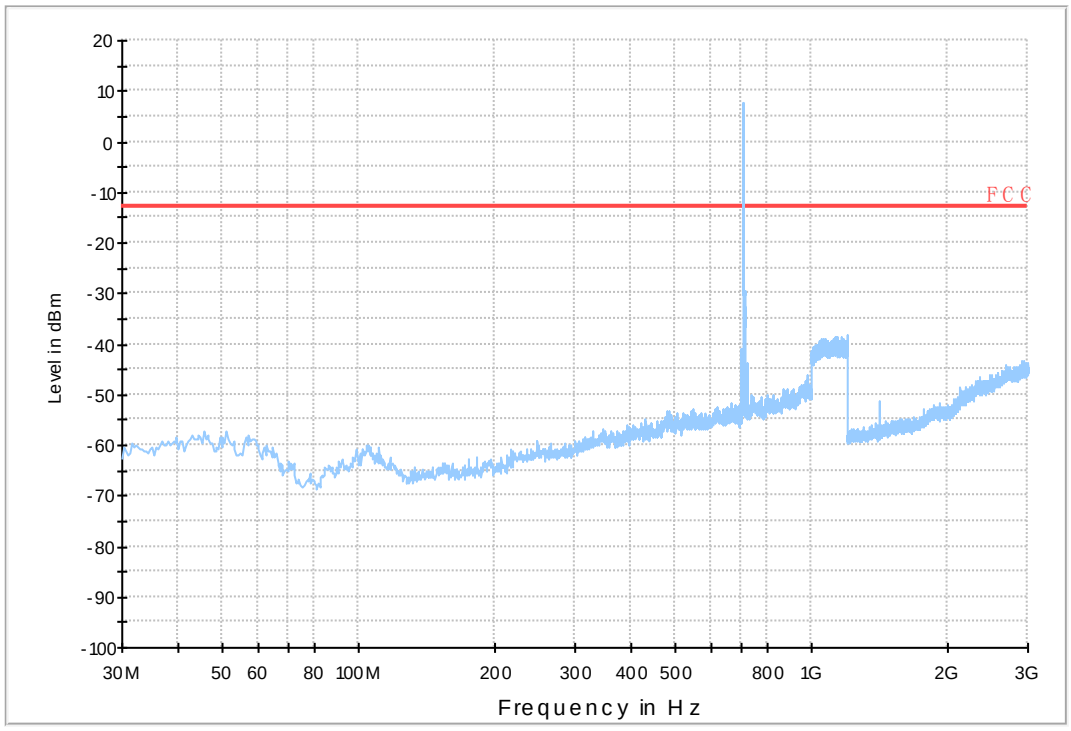
Copy of RSE-TX-DIRECTOR BELOW 1G_H



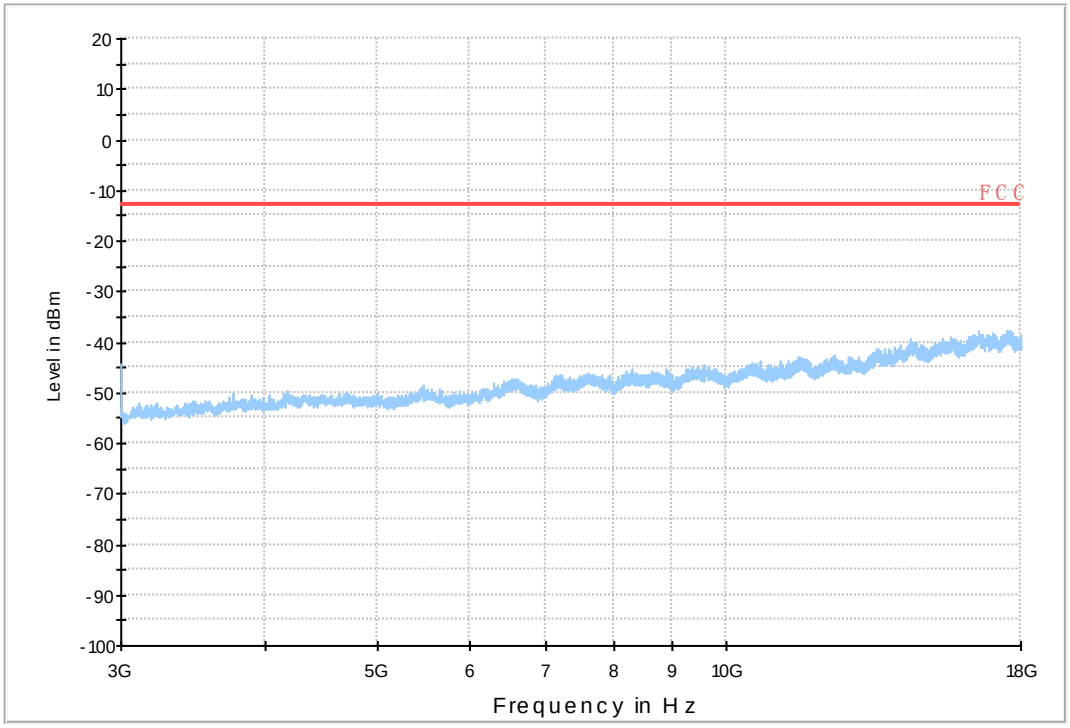
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L

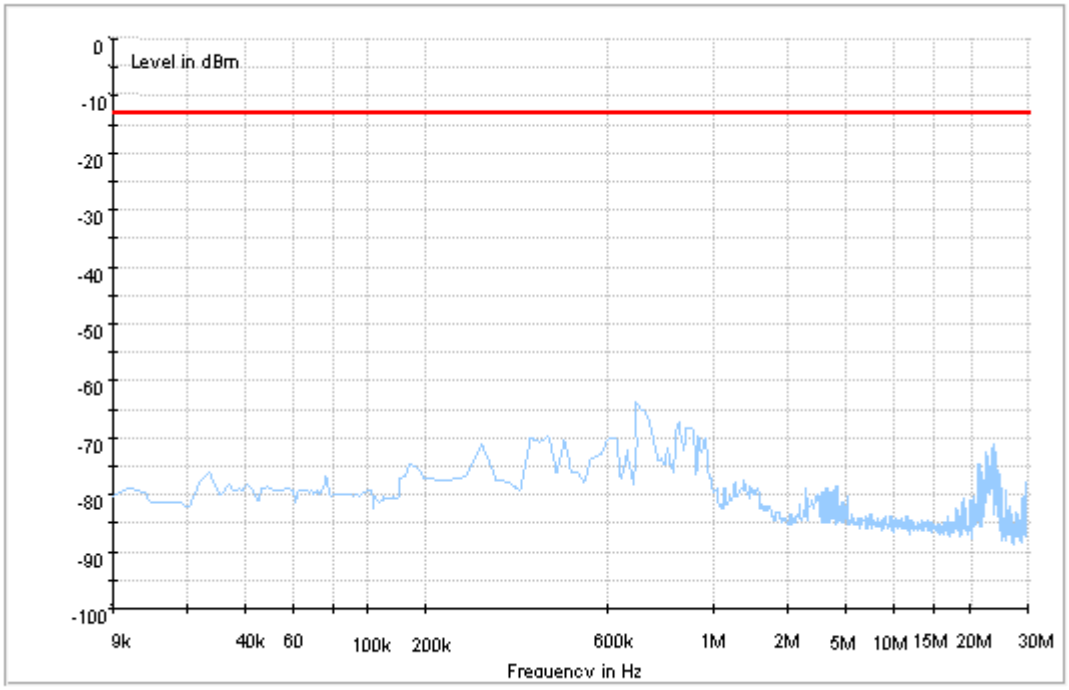


Copy of RSE-TX-DIRECTOR BELOW 1G_H

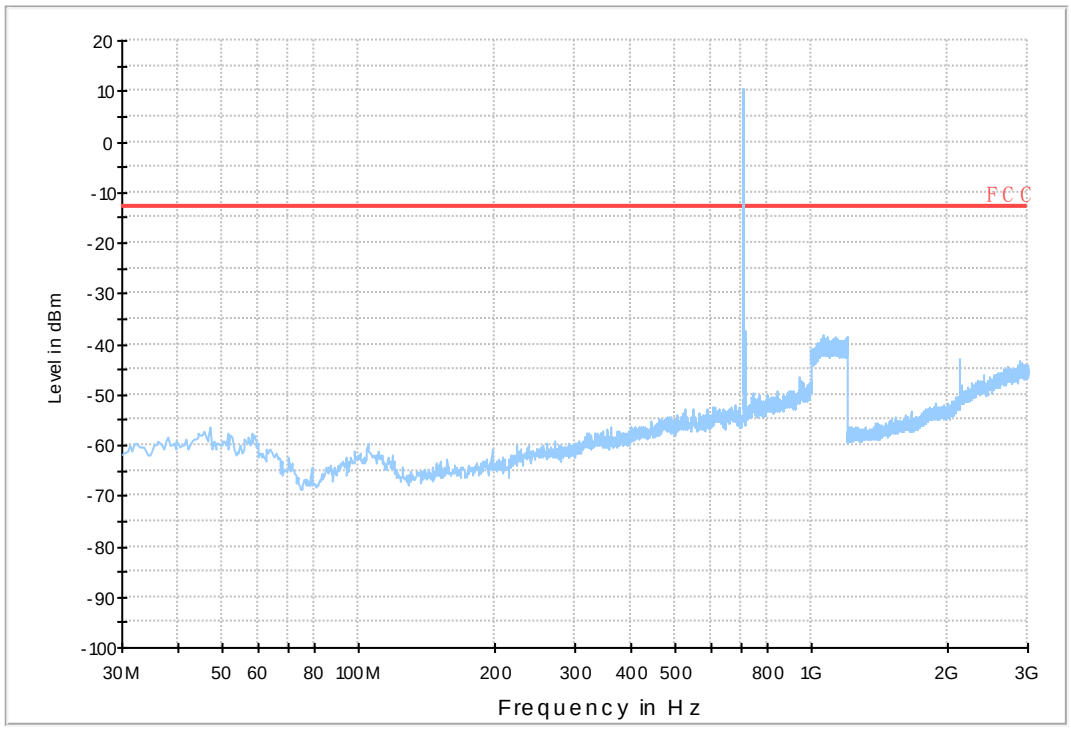


7.1.2 Test Band = BAND17_Ant2

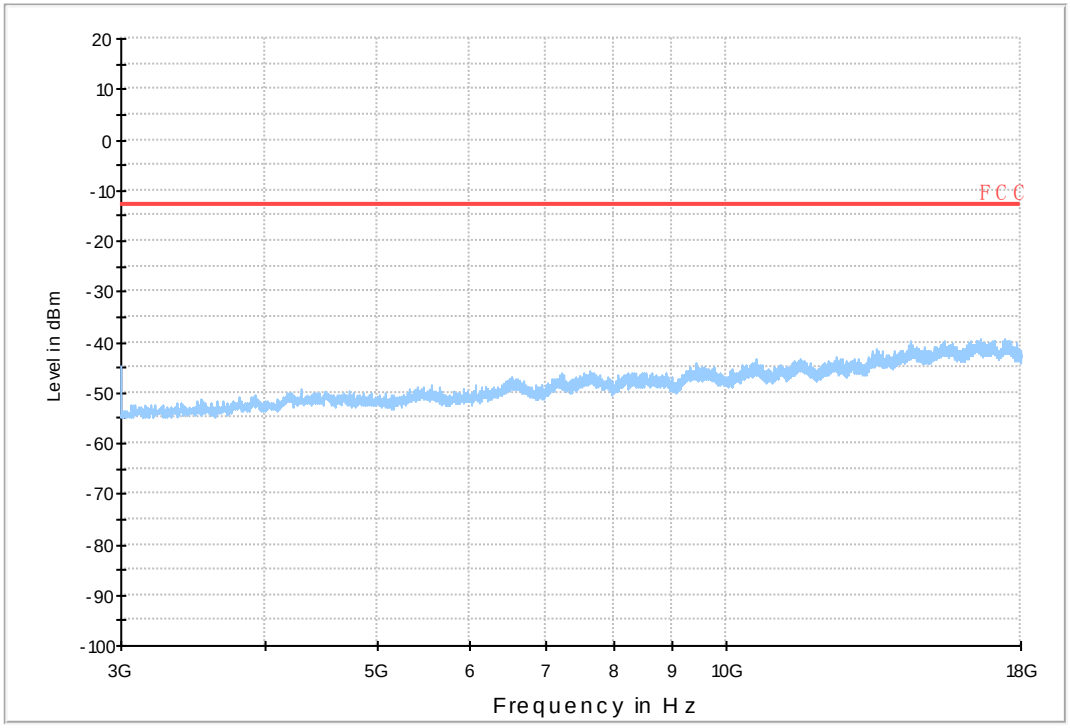
7.1.2.1 Test Bandwidth = 5



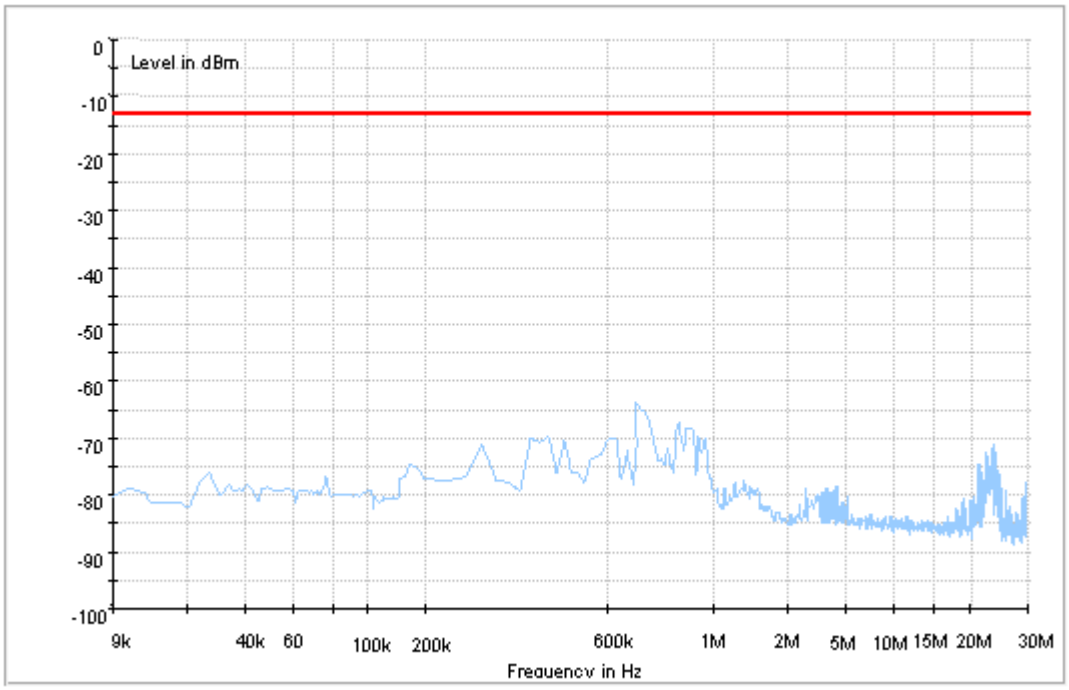
Copy of RSE-TX-DIRECTOR BELOW 1G_L



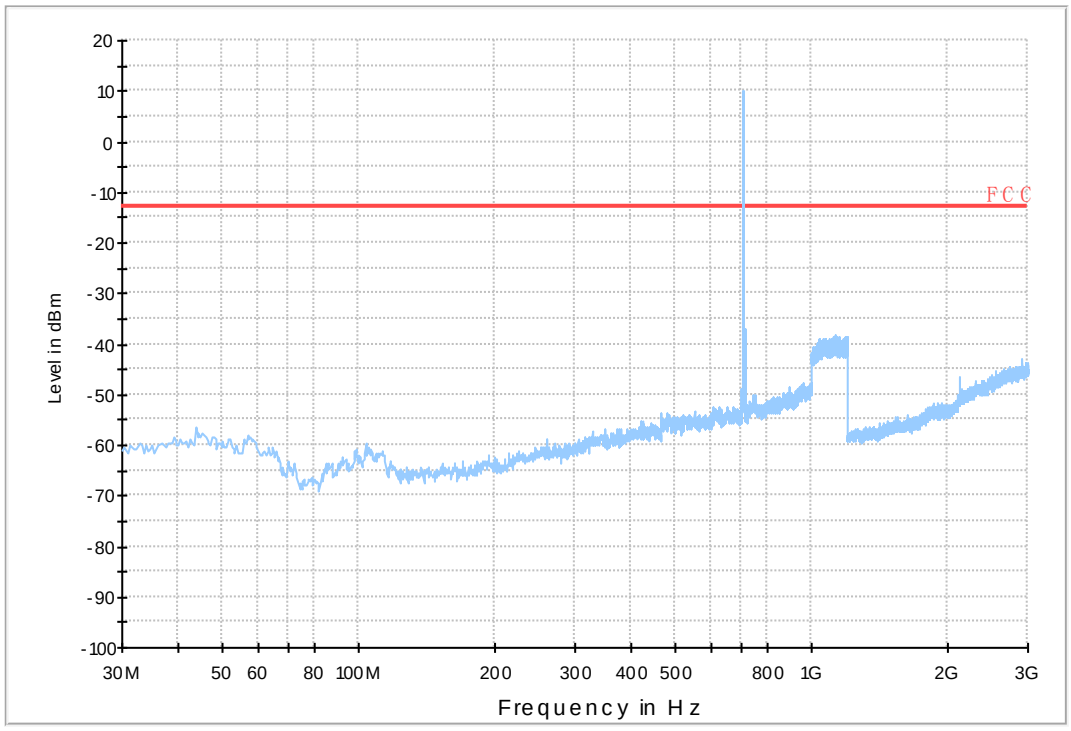
Copy of RSE-TX-DIRECTOR BELOW 1G_H



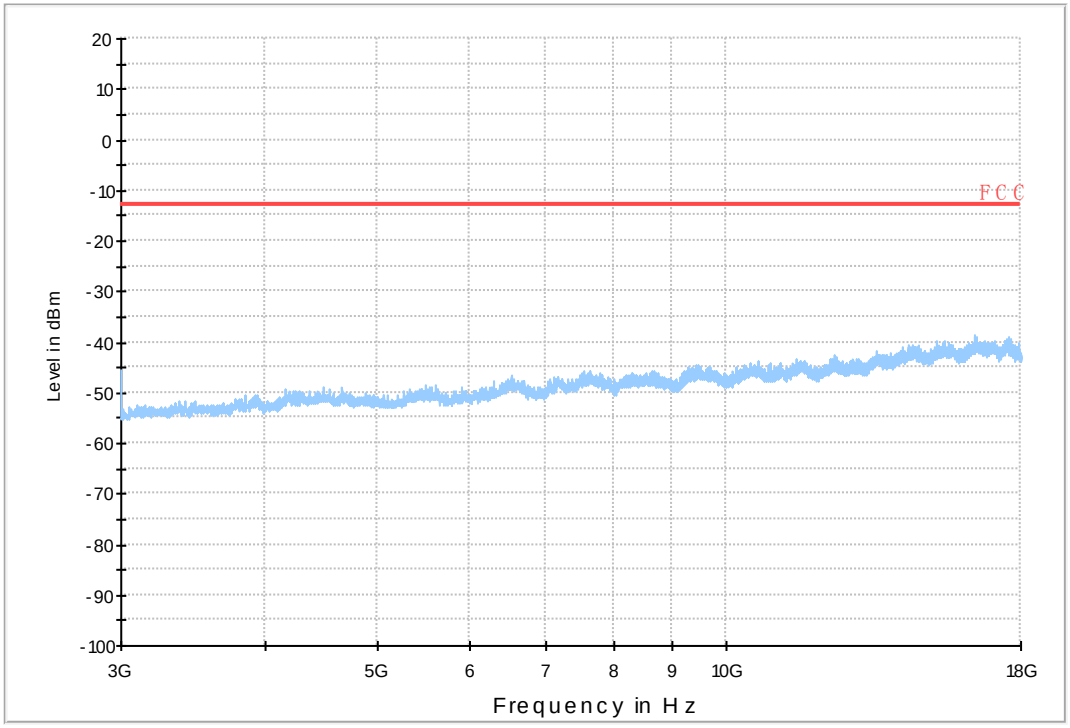
7.1.2.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND17	LTE/TM1	5	LCH	TN	VL	0.48	0.00065	PASS
					VN	-0.63	-0.00087	PASS
					VH	-1.73	-0.00245	PASS
			MCH	TN	VL	-4.75	-0.00669	PASS
					VN	0.53	0.00075	PASS
					VH	-1.77	-0.00249	PASS
			HCH	TN	VL	-5.62	-0.00788	PASS
					VN	0.31	0.00043	PASS
					VH	-2.88	-0.00404	PASS
		10	LCH	TN	VL	6.37	0.00898	PASS
					VN	-1.04	-0.00147	PASS
					VH	0.31	0.00044	PASS
			MCH	TN	VL	-7.40	-0.01042	PASS
					VN	-3.30	-0.00465	PASS
					VH	-9.14	-0.01287	PASS
			HCH	TN	VL	0.16	0.00023	PASS
					VN	-5.01	-0.00705	PASS
					VH	-6.48	-0.00911	PASS
	LTE/TM2	5	LCH	TN	VL	0.76	0.00108	PASS
					VN	-0.46	-0.00065	PASS
					VH	-2.57	-0.00364	PASS
			MCH	TN	VL	-2.72	-0.00383	PASS
					VN	-2.17	-0.00306	PASS
					VH	-1.85	-0.00261	PASS
			HCH	TN	VL	1.24	0.00174	PASS
					VN	-1.40	-0.00196	PASS
					VH	-1.27	-0.00178	PASS
		10	LCH	TN	VL	-0.16	-0.00023	PASS
					VN	-1.33	-0.00188	PASS
					VH	2.16	0.00305	PASS
			MCH	TN	VL	-8.58	-0.01203	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-9.96	-0.01403	PASS
					VH	-5.17	-0.00725	PASS
			HCH	TN	VL	-1.92	-0.00274	PASS
					VN	-3.49	-0.00489	PASS
					VH	-0.17	-0.00024	PASS

8.1.2Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND17	LTE/TM1	5	LCH	VN	-30	-2.54	-0.00354	PASS
					-20	0.63	0.00082	PASS
					-10	-1.52	-0.00218	PASS
					0	-2.51	-0.00358	PASS
					10	3.91	0.00554	PASS
					20	-0.32	-0.00042	PASS
					30	-4.71	-0.00667	PASS
					40	-2.36	-0.00334	PASS
					50	-0.76	-0.00108	PASS
			MCH	VN	-30	-1.19	-0.00168	PASS
					-20	-1.47	-0.00207	PASS
					-10	-1.32	-0.00186	PASS
					0	-1.02	-0.00144	PASS
					10	-0.96	-0.00135	PASS
					20	-4.01	-0.00565	PASS
					30	-3.52	-0.00496	PASS
					40	-2.40	-0.00338	PASS
					50	-1.60	-0.00225	PASS
			HCH	VN	-30	-1.39	-0.00195	PASS
					-20	-3.46	-0.00485	PASS
					-10	6.58	0.00922	PASS
					0	-1.76	-0.00247	PASS
					10	-2.98	-0.00418	PASS
					20	-3.75	-0.00526	PASS
					30	0.01	0.00001	PASS
					40	1.80	0.00252	PASS
					50	0.04	0.00006	PASS
		10	LCH	VN	-30	-1.37	-0.00193	PASS
					-20	-0.56	-0.00079	PASS
					-10	-0.06	-0.00008	PASS
					0	-1.77	-0.0025	PASS
					10	0.47	0.00066	PASS
					20	-0.94	-0.00133	PASS
					30	-2.15	-0.00303	PASS
					40	0.67	0.00094	PASS
					50	-3.13	-0.00441	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	-1.54	-0.00217	PASS
					-20	2.76	0.00389	PASS
					-10	0.13	0.00018	PASS
					0	1	0.00141	PASS
					10	4.79	0.00675	PASS
					20	-1.04	-0.00146	PASS
					30	-0.8	-0.00113	PASS
					40	0.77	0.00108	PASS
					50	0.72	0.00101	PASS
			HCH	VN	-30	-2.45	-0.00345	PASS
					-20	-4.35	-0.00612	PASS
					-10	-1.79	-0.00252	PASS
					0	3.02	0.00425	PASS
					10	5.15	0.00724	PASS
					20	0.03	0.00004	PASS
					30	-2.57	-0.00361	PASS
					40	-0.3	-0.00042	PASS
					50	1.16	0.00163	PASS
	LTE/TM2	5	LCH	VN	-30	-10.18	-0.01439	PASS
					-20	4.86	0.00686	PASS
					-10	3	0.00425	PASS
					0	0.19	0.00027	PASS
					10	0.23	0.00033	PASS
					20	0.36	0.00051	PASS
					30	1.52	0.00215	PASS
					40	1.13	0.0016	PASS
					50	-1.97	-0.00279	PASS
			MCH	VN	-30	1.13	0.00159	PASS
					-20	-1.39	-0.00196	PASS
					-10	-11.72	-0.01651	PASS
					0	3.71	0.00523	PASS
					10	2.5	0.00352	PASS
					20	-10.17	-0.01432	PASS
					30	4.43	0.00624	PASS
					40	2.98	0.0042	PASS
					50	-0.31	-0.00044	PASS
			HCH	VN	-30	2.39	0.00335	PASS
					-20	-8.27	-0.01159	PASS
					-10	1.44	0.00202	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-10.74	-0.01505	PASS
					10	5.78	0.0081	PASS
					20	2.6	0.00364	PASS
					30	-0.17	-0.00024	PASS
					40	3.83	0.00537	PASS
					50	-1.17	-0.00164	PASS
		10	LCH	VN	-30	3.03	0.00427	PASS
					-20	-3.05	-0.0043	PASS
					-10	-2.68	-0.00378	PASS
					0	-0.77	-0.00109	PASS
					10	0.41	0.00058	PASS
					20	1.23	0.00173	PASS
					30	0.04	0.00006	PASS
					40	-3.96	-0.00559	PASS
					50	0.76	0.00107	PASS
			MCH	VN	-30	-2.13	-0.003	PASS
					-20	0.1	0.00014	PASS
					-10	-0.7	-0.00099	PASS
					0	2.69	0.00379	PASS
					10	1.93	0.00272	PASS
					20	2.52	0.00355	PASS
					30	3.1	0.00423	PASS
					40	-2.02	-0.00285	PASS
					50	-1.5	-0.00211	PASS
			HCH	VN	-30	-5.49	-0.00772	PASS
					-20	1.23	0.00173	PASS
					-10	-1.62	-0.00228	PASS
					0	1.56	0.00219	PASS
					10	0.47	0.00066	PASS
					20	-2.54	-0.00354	PASS
					30	-1.57	-0.00219	PASS
					40	-0.25	-0.00034	PASS
					50	-0.93	-0.00139	PASS

END