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	22.51	17	34.7	PASS
				RB1#13	22.49	16.98	34.7	PASS
				RB1#24	22.44	16.93	34.7	PASS
				RB12#0	21.37	15.86	34.7	PASS
				RB12#6	21.36	15.85	34.7	PASS
				RB12#13	21.41	15.9	34.7	PASS
				RB25#0	21.34	15.83	34.7	PASS
			MCH	RB1#0	22.37	16.86	34.7	PASS
				RB1#13	22.47	16.96	34.7	PASS
				RB1#24	22.31	16.8	34.7	PASS
				RB12#0	21.55	16.04	34.7	PASS
				RB12#6	21.38	15.87	34.7	PASS
				RB12#13	21.41	15.9	34.7	PASS
				RB25#0	21.36	15.85	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.43	16.92	34.7	PASS
				RB1#13	22.33	16.82	34.7	PASS
				RB1#24	22.36	16.85	34.7	PASS
				RB12#0	21.37	15.86	34.7	PASS
				RB12#6	21.47	15.96	34.7	PASS
				RB12#13	21.33	15.82	34.7	PASS
				RB25#0	21.35	15.84	34.7	PASS
		10	LCH	RB1#0	22.67	17.16	34.7	PASS
				RB1#25	22.47	16.96	34.7	PASS
				RB1#49	22.59	17.08	34.7	PASS
				RB25#0	21.6	16.09	34.7	PASS
				RB25#13	21.6	16.09	34.7	PASS
				RB25#25	21.64	16.13	34.7	PASS
				RB50#0	21.59	16.08	34.7	PASS
			MCH	RB1#0	22.63	17.12	34.7	PASS
				RB1#25	22.54	17.03	34.7	PASS
				RB1#49	22.55	17.04	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.56	16.05	34.7	PASS
				RB25#13	21.58	16.07	34.7	PASS
				RB25#25	21.59	16.08	34.7	PASS
				RB50#0	21.55	16.04	34.7	PASS
			HCH	RB1#0	22.67	17.16	34.7	PASS
				RB1#25	22.26	16.75	34.7	PASS
				RB1#49	22.53	17.02	34.7	PASS
				RB25#0	21.62	16.11	34.7	PASS
				RB25#13	21.6	16.09	34.7	PASS
				RB25#25	21.59	16.08	34.7	PASS
				RB50#0	21.59	16.08	34.7	PASS
	LTE/TM2	5	LCH	RB1#0	21.59	16.08	34.7	PASS
				RB1#13	21.57	16.06	34.7	PASS
				RB1#24	21.51	16	34.7	PASS
				RB12#0	20.47	14.96	34.7	PASS
				RB12#6	20.42	14.91	34.7	PASS
				RB12#13	20.36	14.85	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.36	14.85	34.7	PASS
			MCH	RB1#0	21.6	16.09	34.7	PASS
				RB1#13	21.69	16.18	34.7	PASS
				RB1#24	21.56	16.05	34.7	PASS
				RB12#0	20.45	14.94	34.7	PASS
				RB12#6	20.4	14.89	34.7	PASS
				RB12#13	20.34	14.83	34.7	PASS
				RB25#0	20.27	14.76	34.7	PASS
			HCH	RB1#0	21.7	16.19	34.7	PASS
				RB1#13	21.57	16.06	34.7	PASS
				RB1#24	21.6	16.09	34.7	PASS
				RB12#0	20.31	14.8	34.7	PASS
				RB12#6	20.3	14.79	34.7	PASS
				RB12#13	20.41	14.9	34.7	PASS
				RB25#0	20.41	14.9	34.7	PASS
		10	LCH	RB1#0	21.83	16.32	34.7	PASS
				RB1#25	21.64	16.13	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.78	16.27	34.7	PASS
				RB25#0	20.69	15.18	34.7	PASS
				RB25#13	20.64	15.13	34.7	PASS
				RB25#25	20.58	15.07	34.7	PASS
				RB50#0	20.5	14.99	34.7	PASS
			MCH	RB1#0	21.9	16.39	34.7	PASS
				RB1#25	21.66	16.15	34.7	PASS
				RB1#49	21.74	16.23	34.7	PASS
				RB25#0	20.53	15.02	34.7	PASS
				RB25#13	20.59	15.08	34.7	PASS
				RB25#25	20.52	15.01	34.7	PASS
				RB50#0	20.52	15.01	34.7	PASS
			HCH	RB1#0	21.82	16.31	34.7	PASS
				RB1#25	21.58	16.07	34.7	PASS
				RB1#49	21.84	16.33	34.7	PASS
				RB25#0	20.67	15.16	34.7	PASS
				RB25#13	20.59	15.08	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.52	15.01	34.7	PASS
				RB50#0	20.56	15.05	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
BAND17	LTE/TM1	5	LCH	RB1#0	4.33	13	PASS
				RB1#13	4.14	13	PASS
				RB1#24	4.25	13	PASS
				RB12#0	5.55	13	PASS
				RB12#6	5.37	13	PASS
				RB12#13	5.47	13	PASS
				RB25#0	5.73	13	PASS
			MCH	RB1#0	4.42	13	PASS
				RB1#13	4.3	13	PASS
				RB1#24	4.53	13	PASS
				RB12#0	5.45	13	PASS
				RB12#6	5.53	13	PASS
				RB12#13	5.66	13	PASS
				RB25#0	5.74	13	PASS
			HCH	RB1#0	4.53	13	PASS
				RB1#13	4.61	13	PASS
				RB1#24	4.14	13	PASS
				RB12#0	5.83	13	PASS
				RB12#6	5.77	13	PASS
				RB12#13	5.62	13	PASS
				RB25#0	5.92	13	PASS
		10	LCH	RB1#0	4.24	13	PASS
				RB1#25	4.28	13	PASS
				RB1#49	4.4	13	PASS
				RB25#0	5.54	13	PASS
				RB25#13	5.42	13	PASS
				RB25#25	5.61	13	PASS
				RB50#0	5.8	13	PASS
			MCH	RB1#0	4.08	13	PASS
				RB1#25	4.15	13	PASS
				RB1#49	4.32	13	PASS
				RB25#0	5.5	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.44	13	PASS
				RB25#25	5.61	13	PASS
				RB50#0	5.72	13	PASS
			HCH	RB1#0	4.44	13	PASS
				RB1#25	4.33	13	PASS
				RB1#49	4.5	13	PASS
				RB25#0	5.53	13	PASS
				RB25#13	5.6	13	PASS
				RB25#25	5.59	13	PASS
				RB50#0	5.59	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.15	13	PASS
				RB1#13	5.01	13	PASS
				RB1#24	5.13	13	PASS
				RB12#0	6.23	13	PASS
				RB12#6	6.26	13	PASS
				RB12#13	6.21	13	PASS
				RB25#0	6.63	13	PASS
			MCH	RB1#0	5.13	13	PASS
				RB1#13	5.01	13	PASS
				RB1#24	5.24	13	PASS
				RB12#0	6.54	13	PASS
				RB12#6	6.42	13	PASS
				RB12#13	6.72	13	PASS
				RB25#0	6.55	13	PASS
			HCH	RB1#0	4.98	13	PASS
				RB1#13	5.38	13	PASS
				RB1#24	4.93	13	PASS
				RB12#0	6.37	13	PASS
				RB12#6	6.45	13	PASS
				RB12#13	6.4	13	PASS
				RB25#0	6.62	13	PASS
		10	LCH	RB1#0	5.66	13	PASS
				RB1#25	5.76	13	PASS
				RB1#49	6	13	PASS
				RB25#0	6.44	13	PASS
				RB25#13	6.35	13	PASS
				RB25#25	6.58	13	PASS
				RB50#0	6.86	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	4.99	13	PASS
				RB1#25	4.99	13	PASS
				RB1#49	5.24	13	PASS
				RB25#0	6.55	13	PASS
				RB25#13	6.42	13	PASS
				RB25#25	6.67	13	PASS
				RB50#0	6.73	13	PASS
			HCH	RB1#0	4.68	13	PASS
				RB1#25	5.08	13	PASS
				RB1#49	4.67	13	PASS
				RB25#0	6.51	13	PASS
				RB25#13	6.52	13	PASS
				RB25#25	6.72	13	PASS
				RB50#0	6.61	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

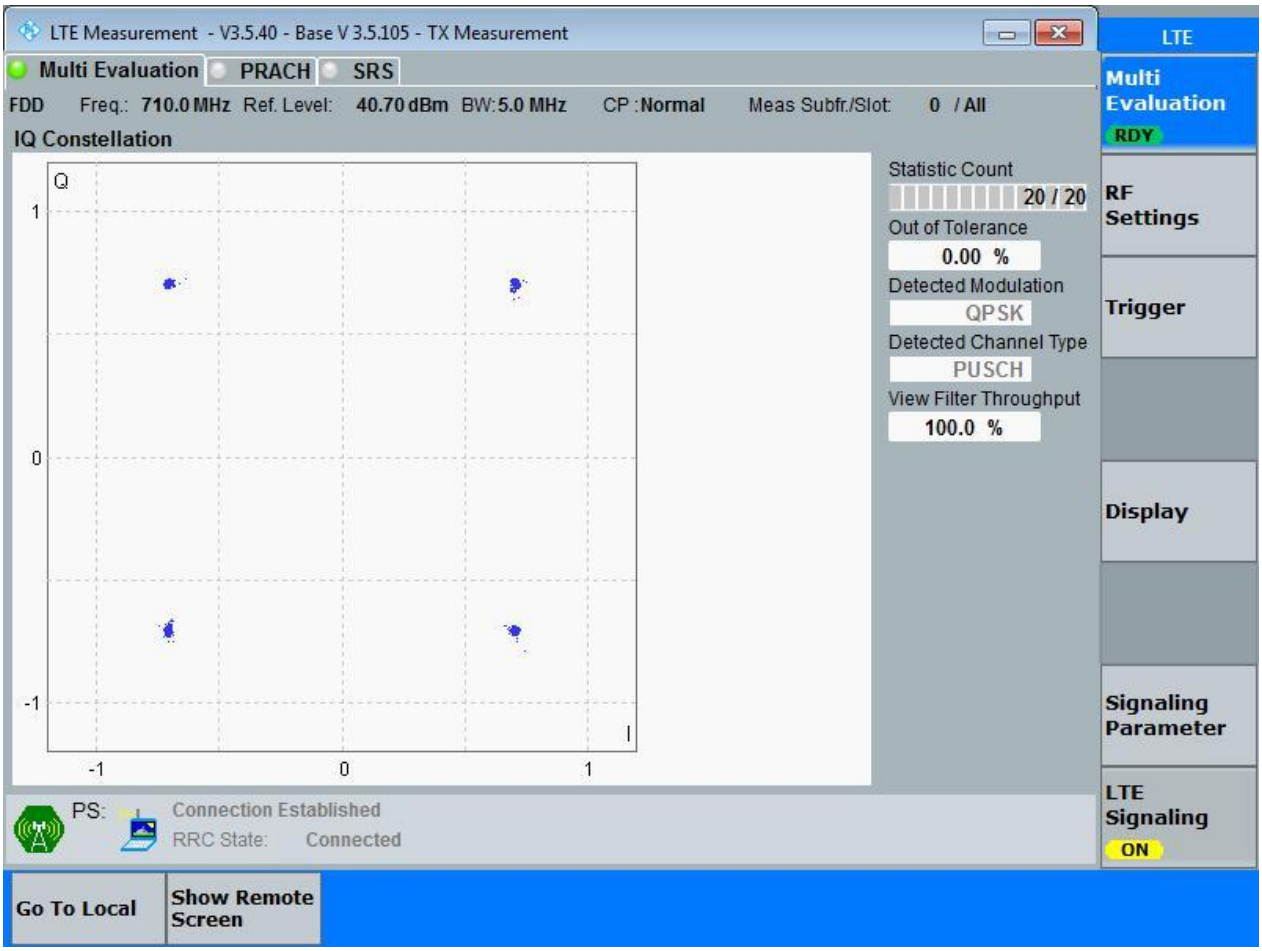
3.1.1 Test Band = BAND17

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

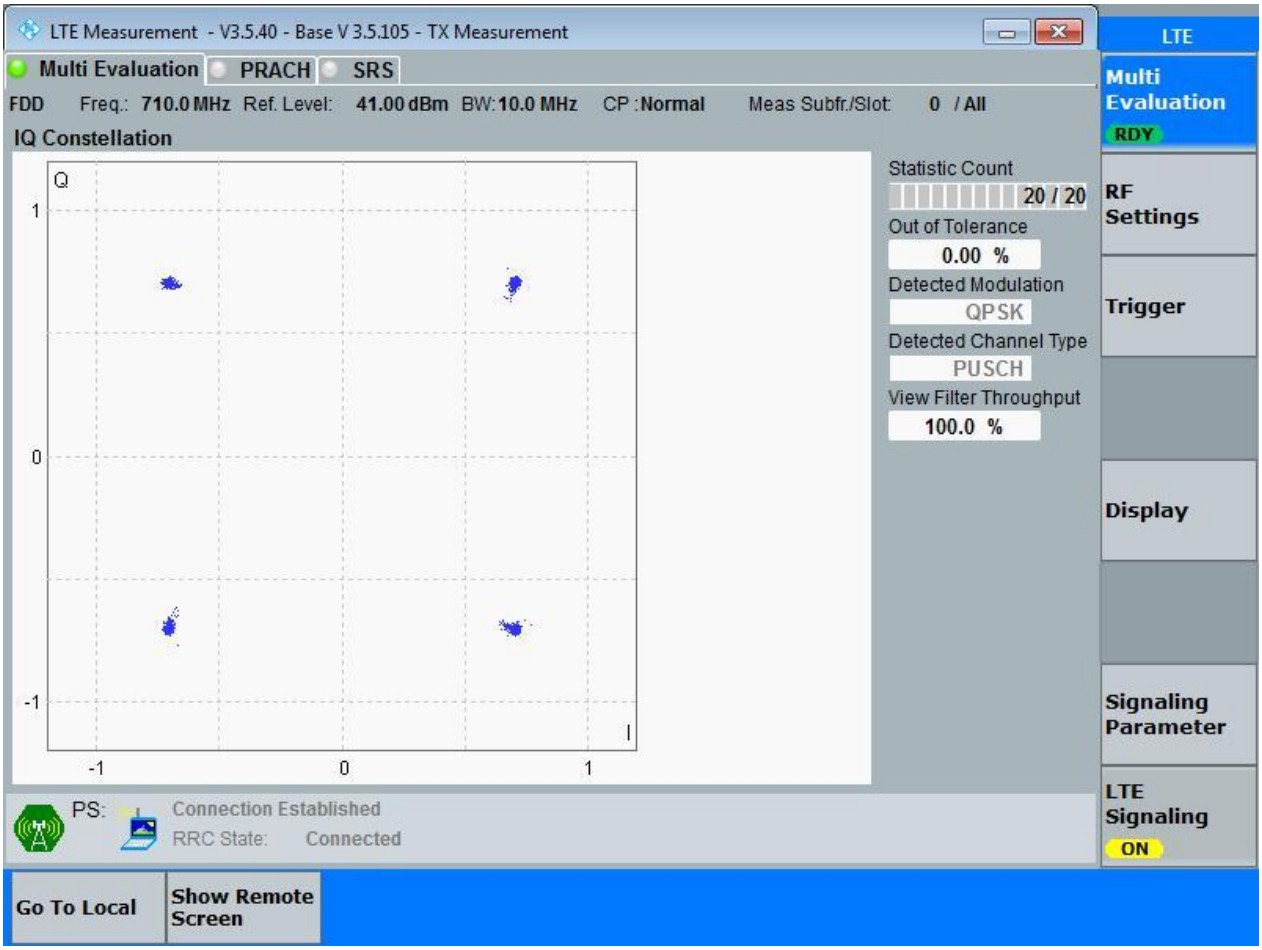
3.1.1.1.1.1.1 Test RB = RB25#0



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

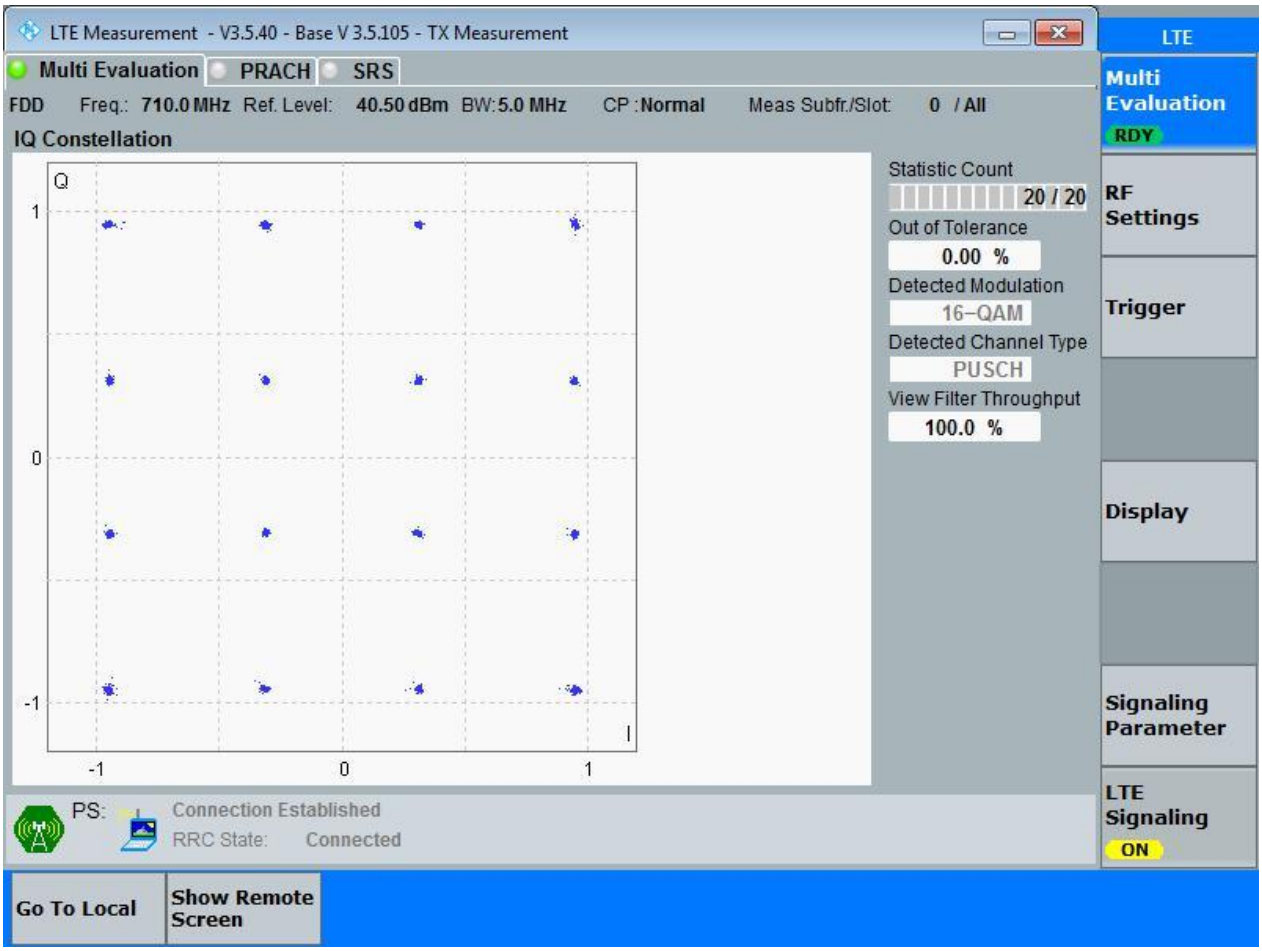


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

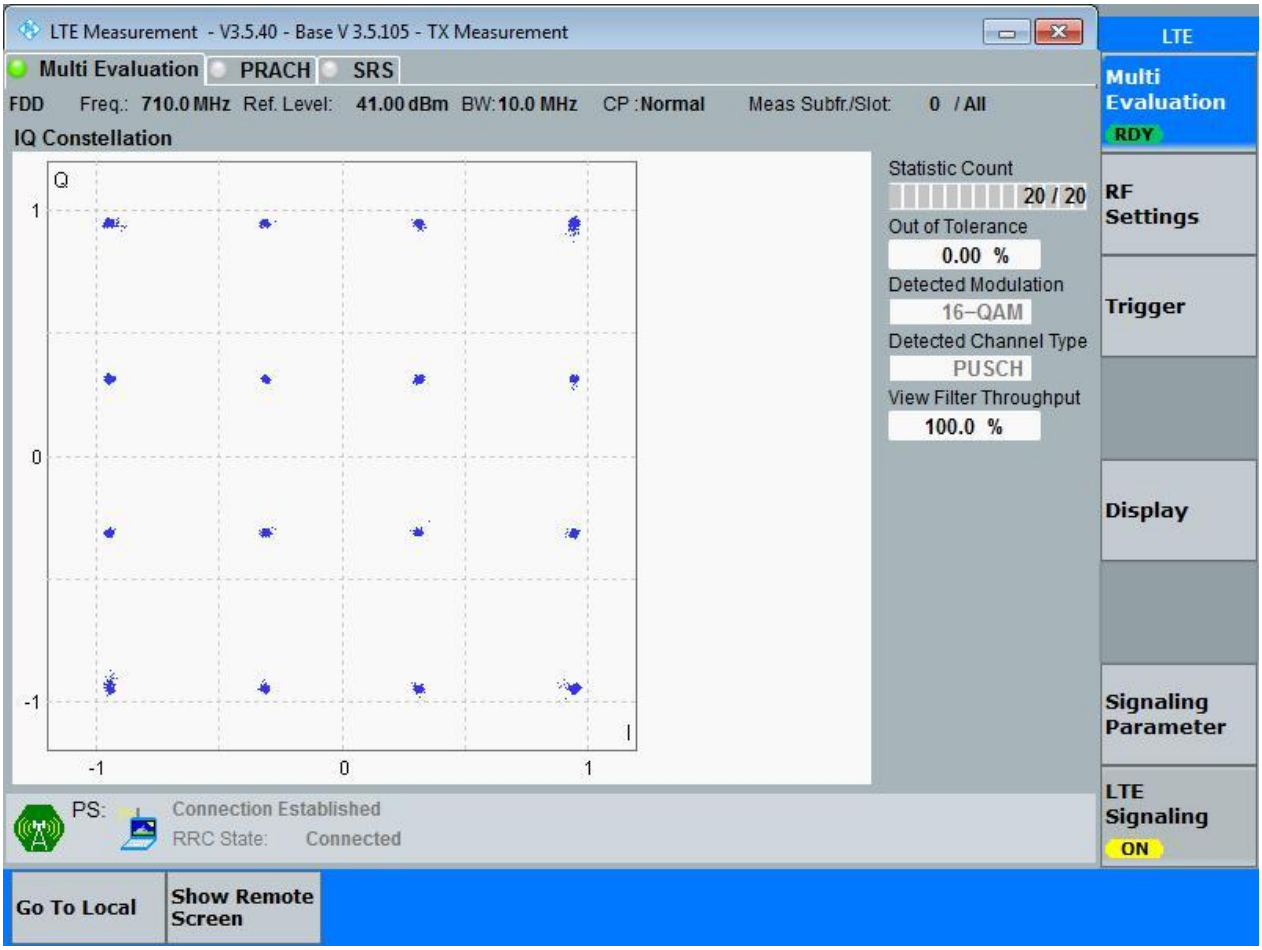
3.1.1.2.1.1.1 Test RB = RB25#0



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	4.53	5.00	Pass
			MCH	RB25#0	4.51	4.94	Pass
			HCH	RB25#0	4.49	4.95	Pass
		10	LCH	RB50#0	9.02	9.89	Pass
			MCH	RB50#0	8.96	9.82	Pass
			HCH	RB50#0	8.94	9.85	Pass
	LTE/TM2	5	LCH	RB25#0	4.53	4.99	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.50	4.94	Pass
		10	LCH	RB50#0	9.00	9.90	Pass
			MCH	RB50#0	8.98	9.82	Pass
			HCH	RB50#0	8.94	9.82	Pass

Part II - Test Plots

4.1 For LTE

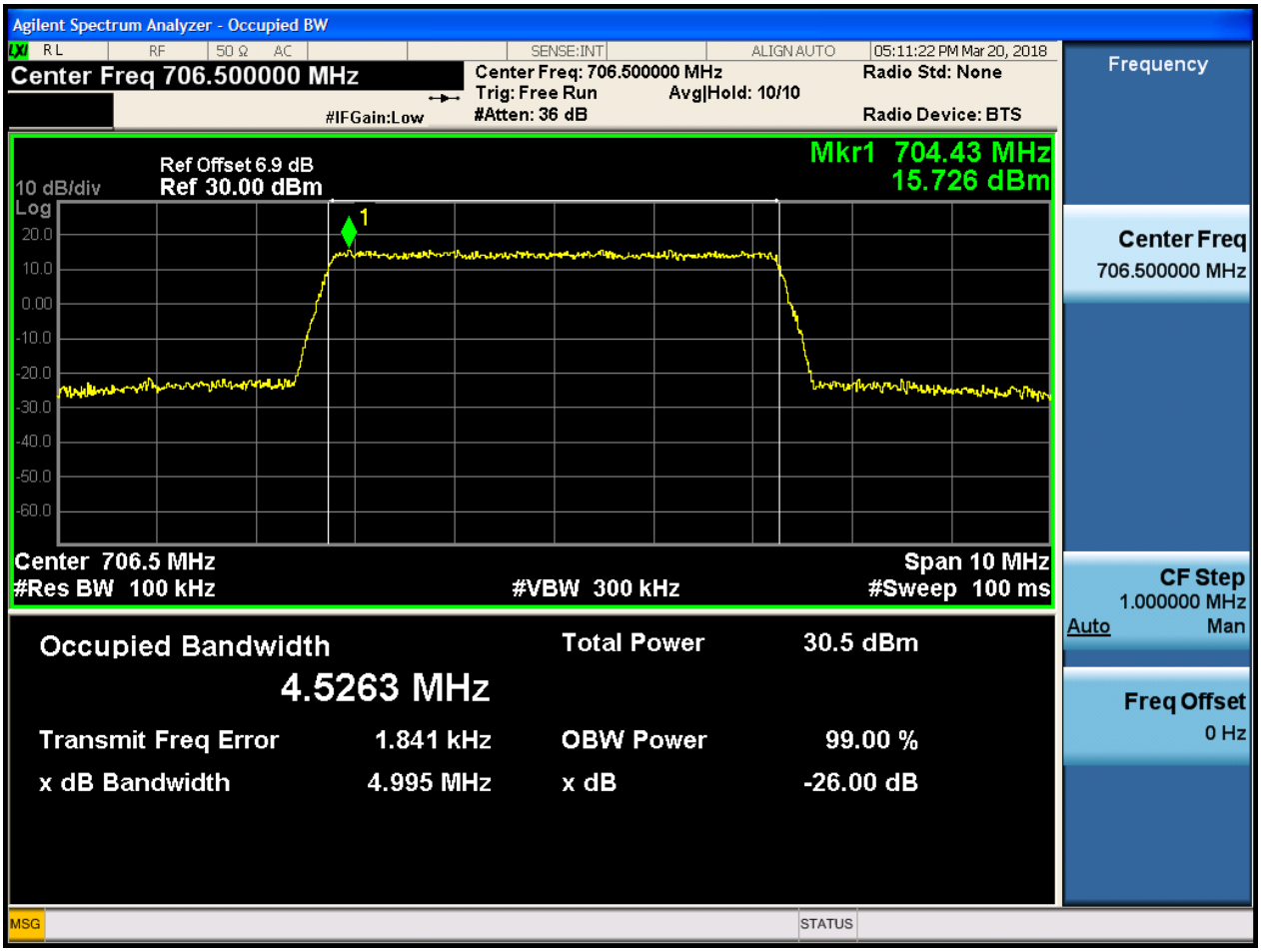
4.1.1 Test Band = BAND17

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

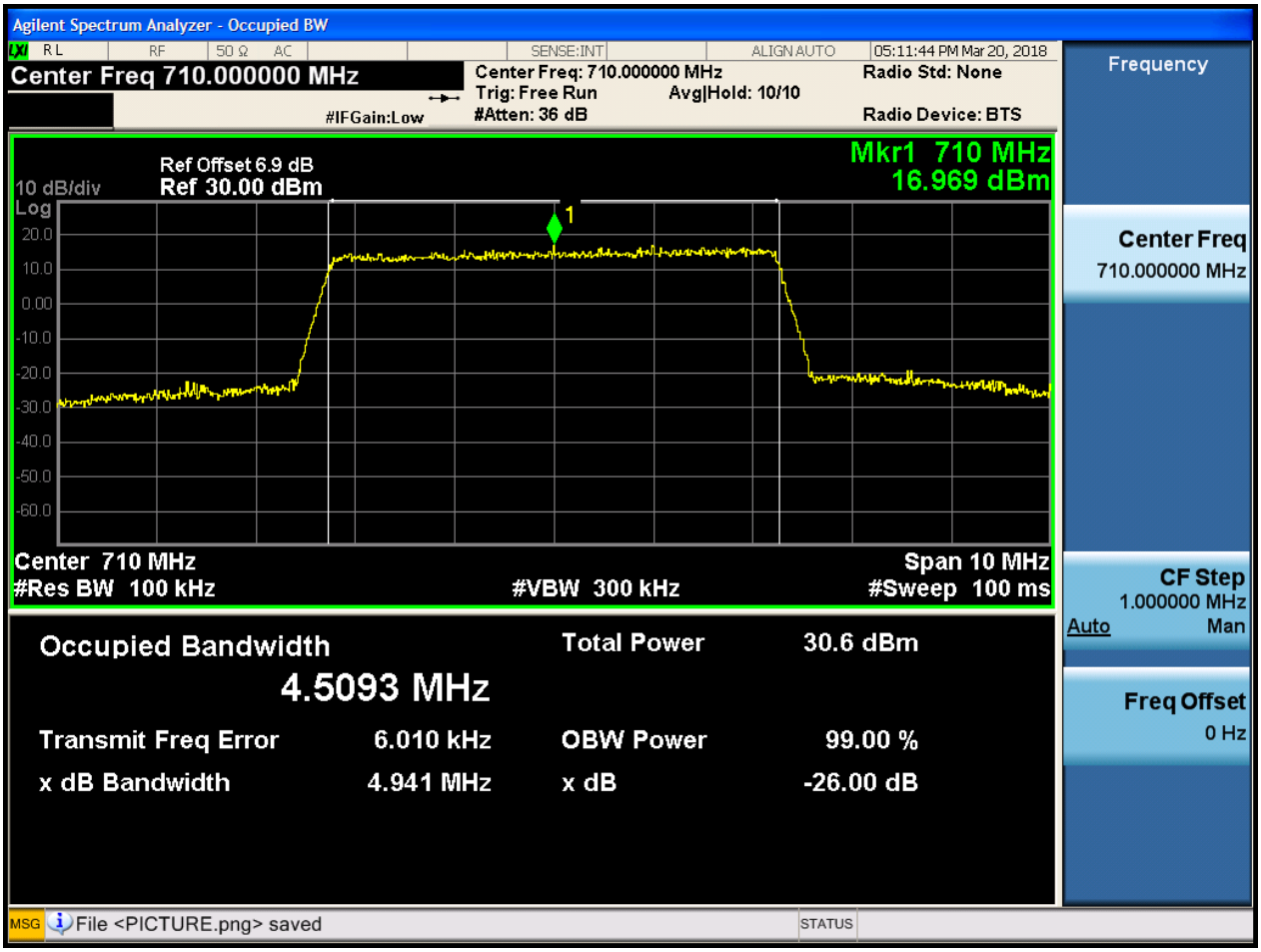
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



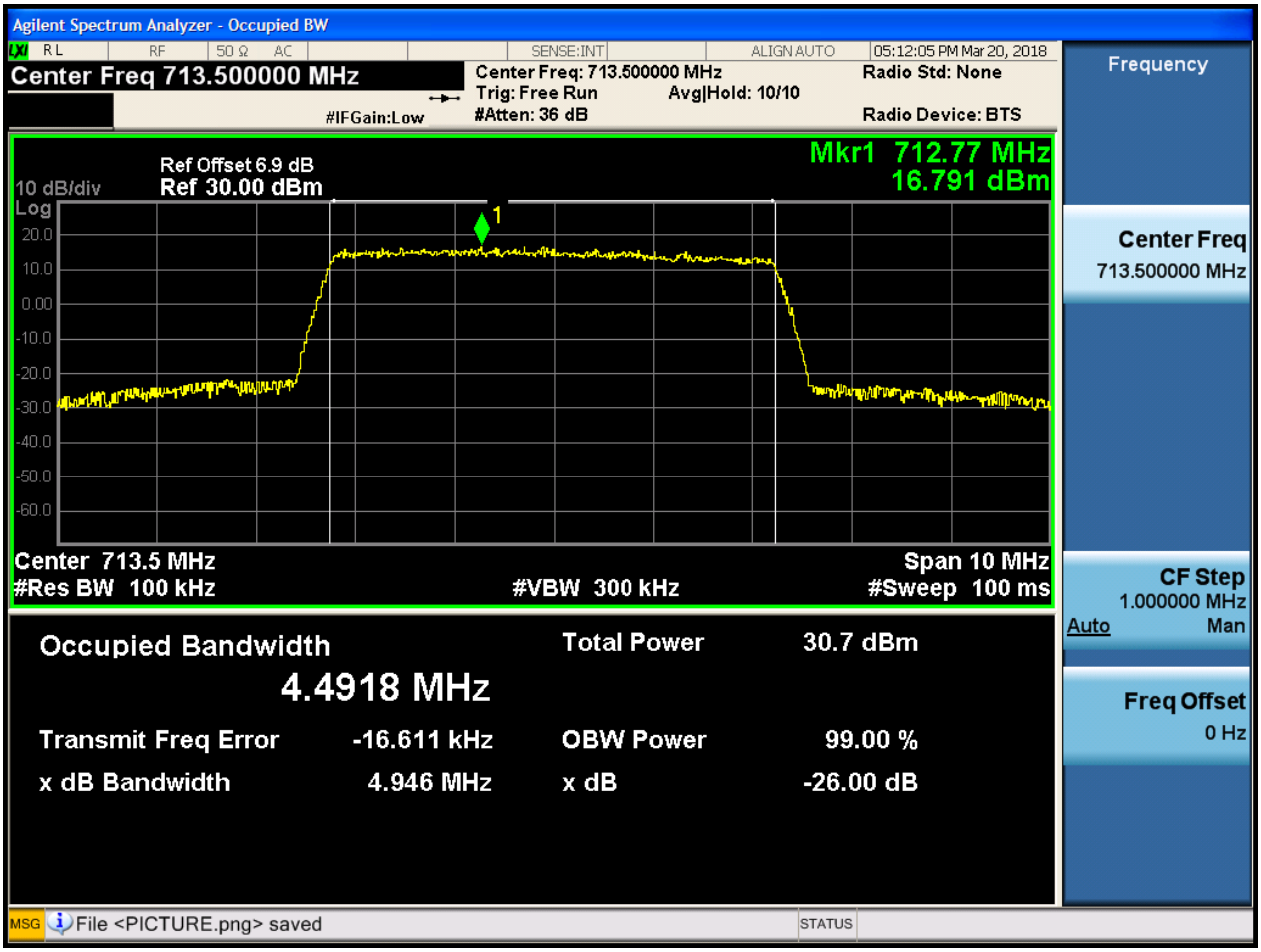
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

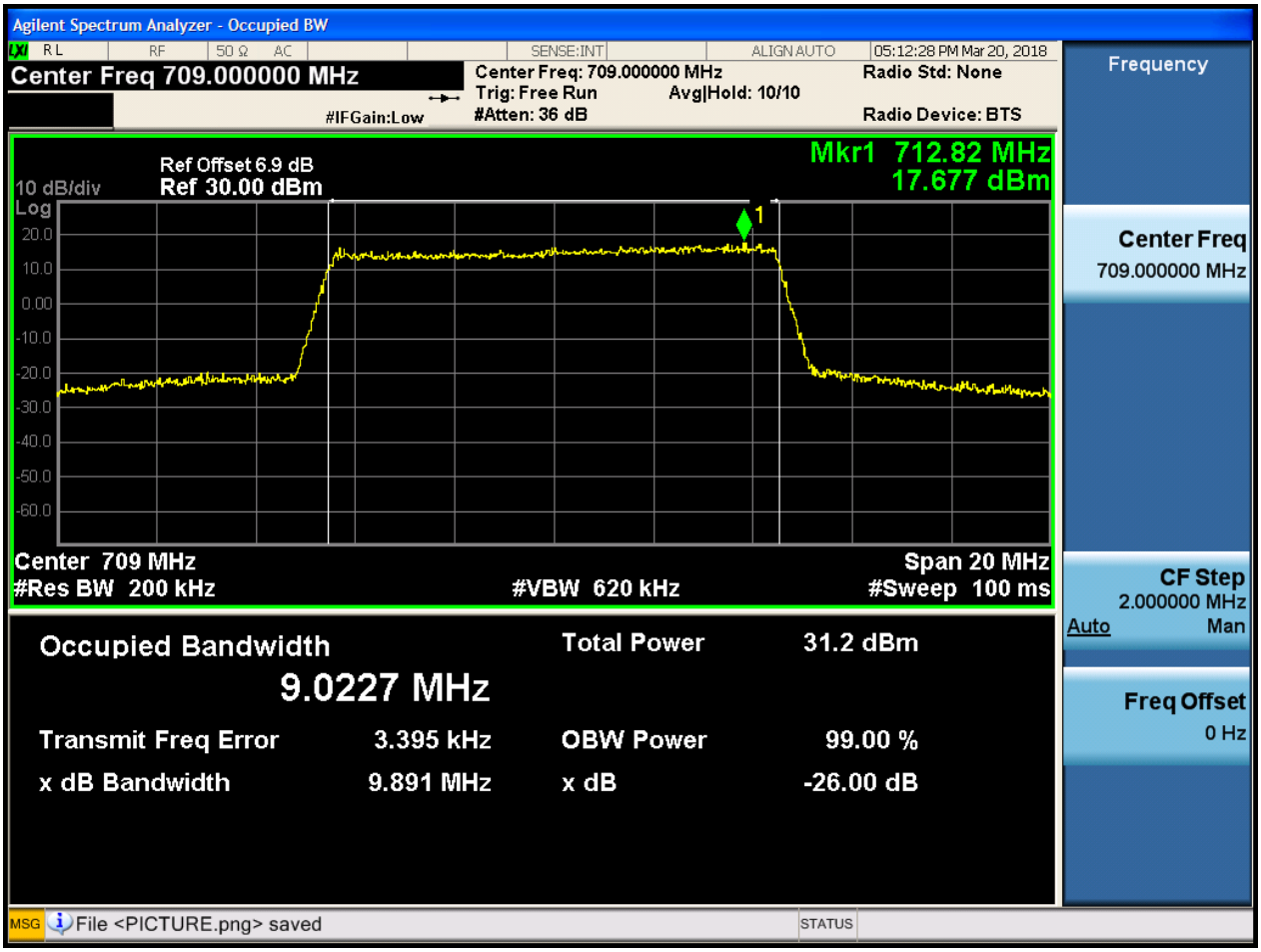
4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

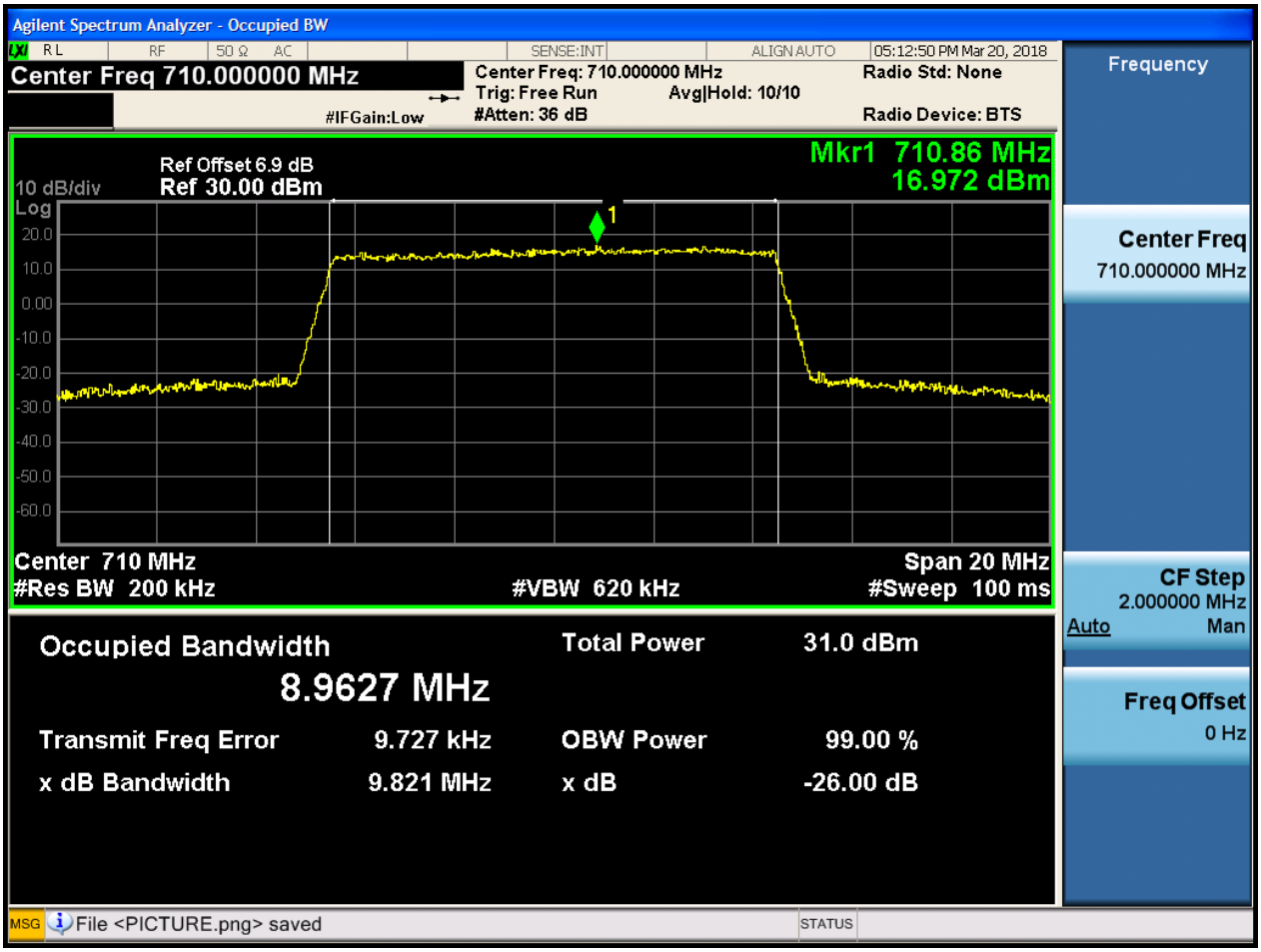
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0



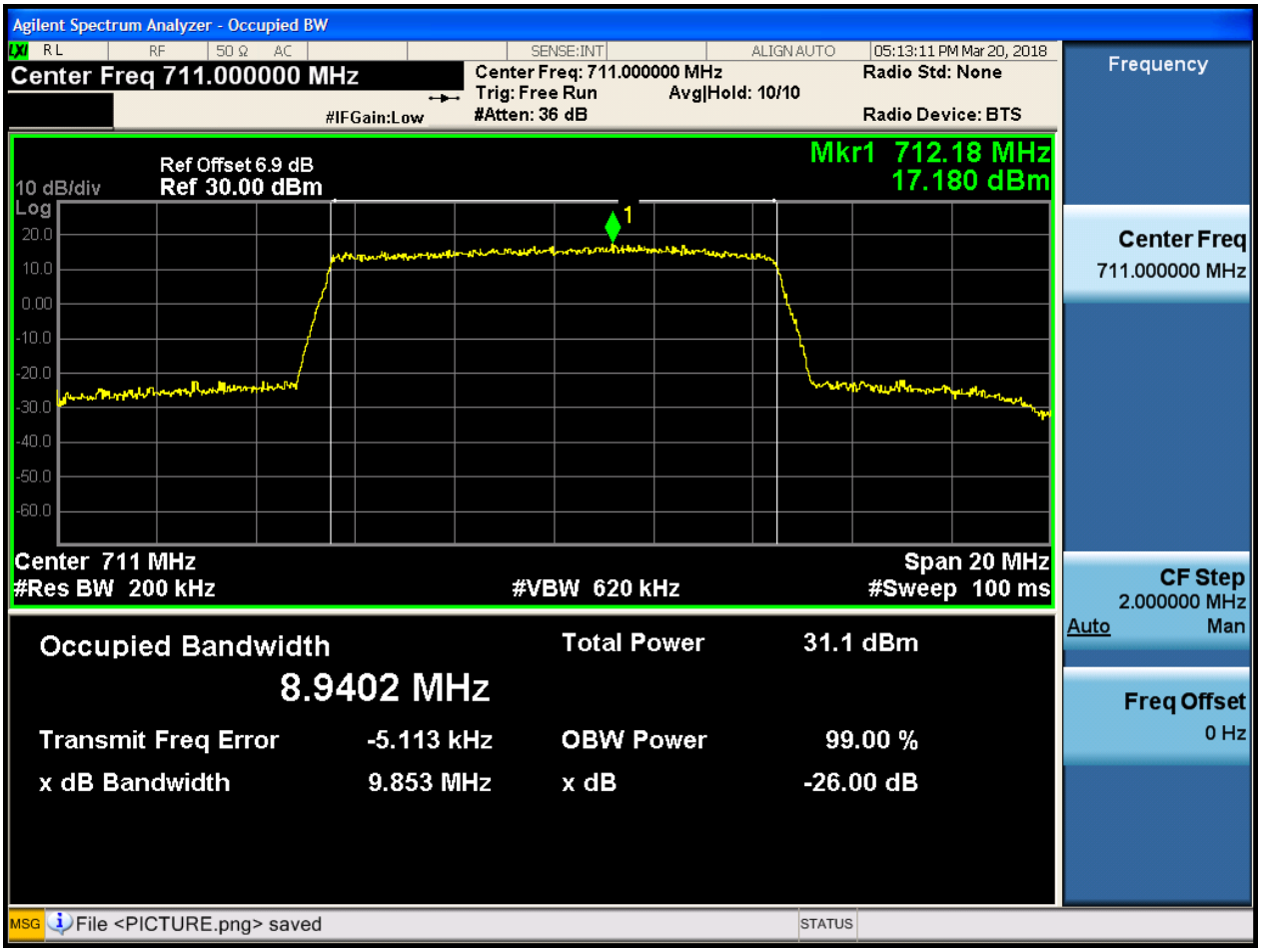
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB50#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

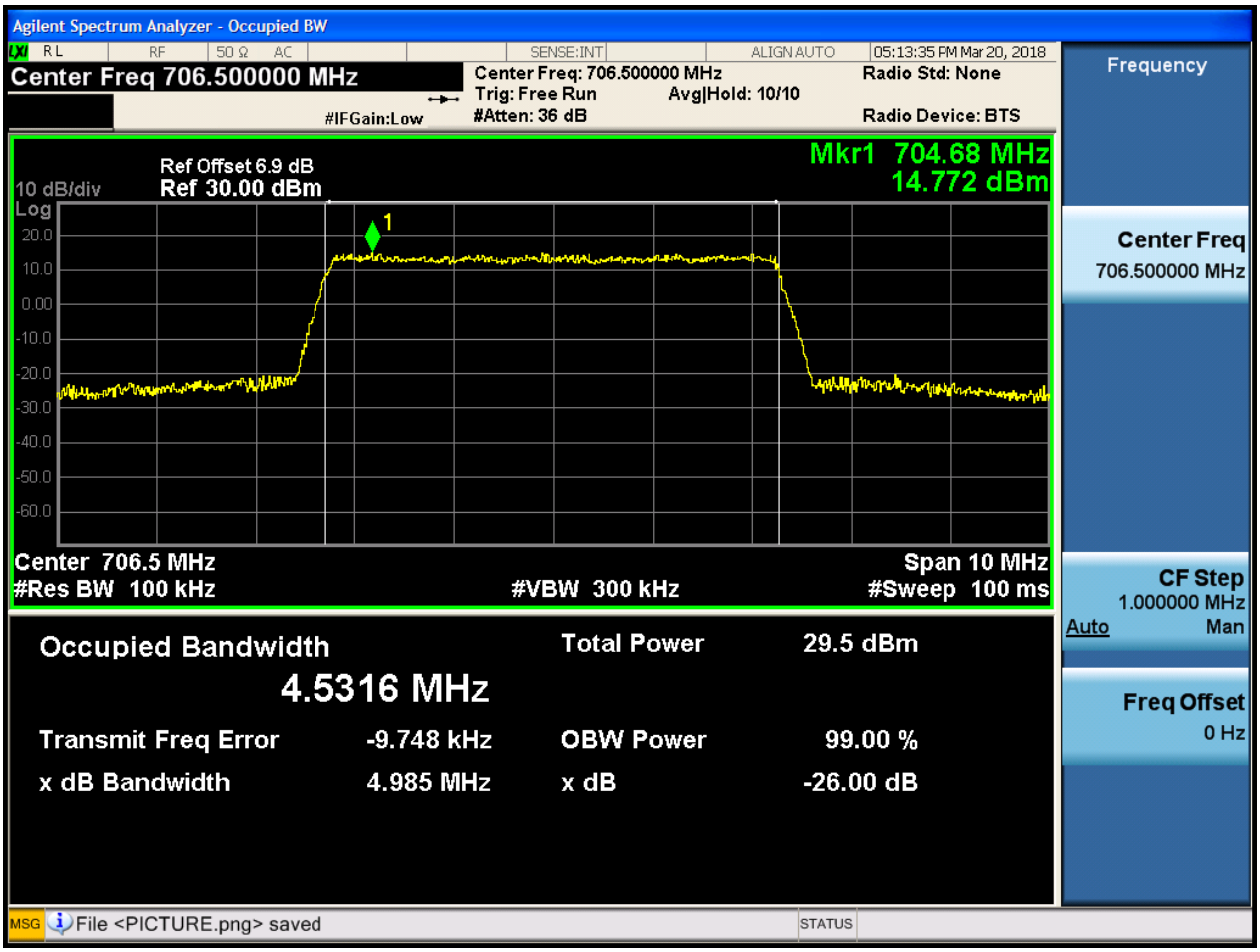


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

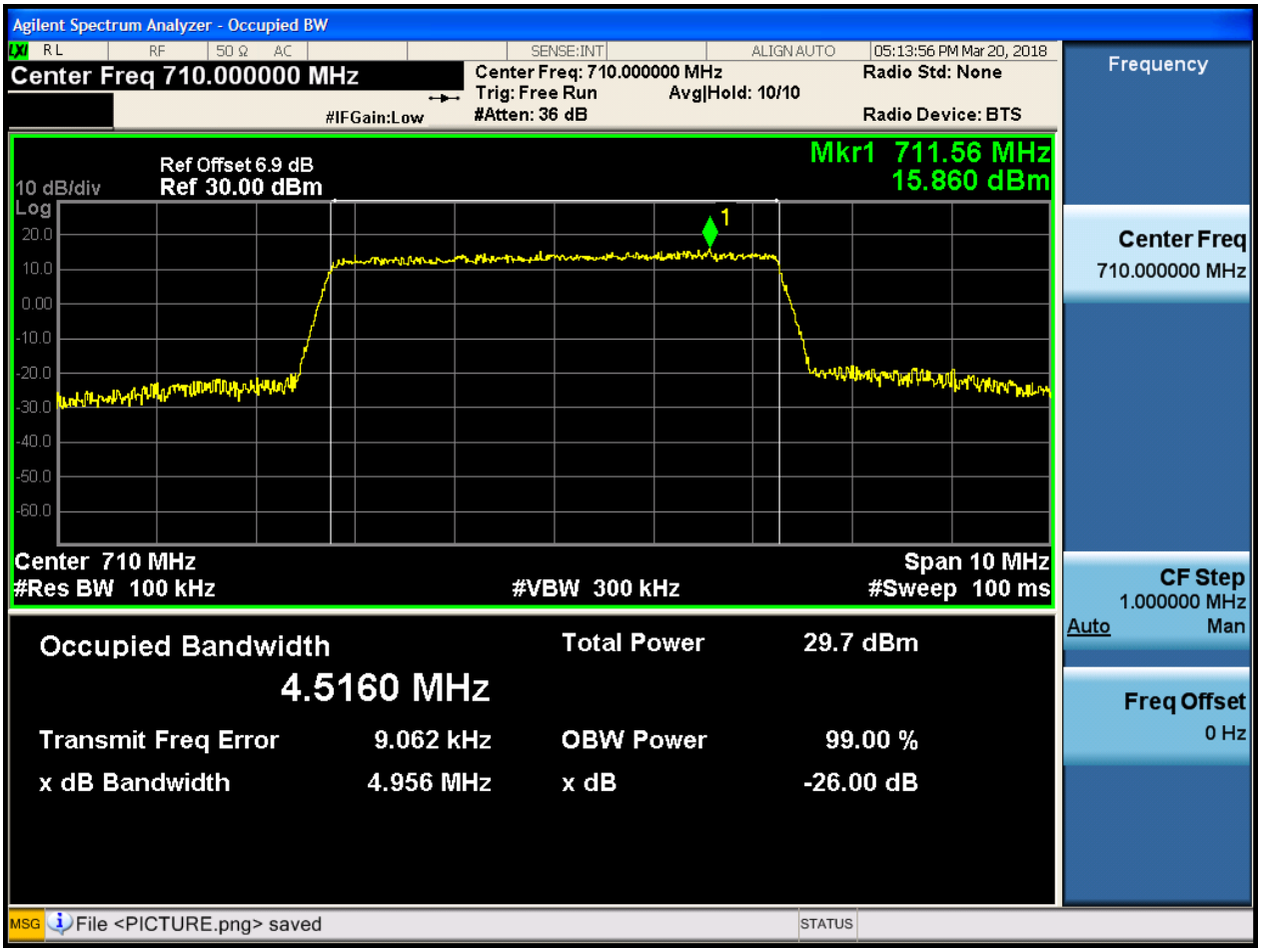
4.1.1.2.1.1 Test Channel = LCH

####### 4.1.1.2.1.1.1 Test RB = RB25#0



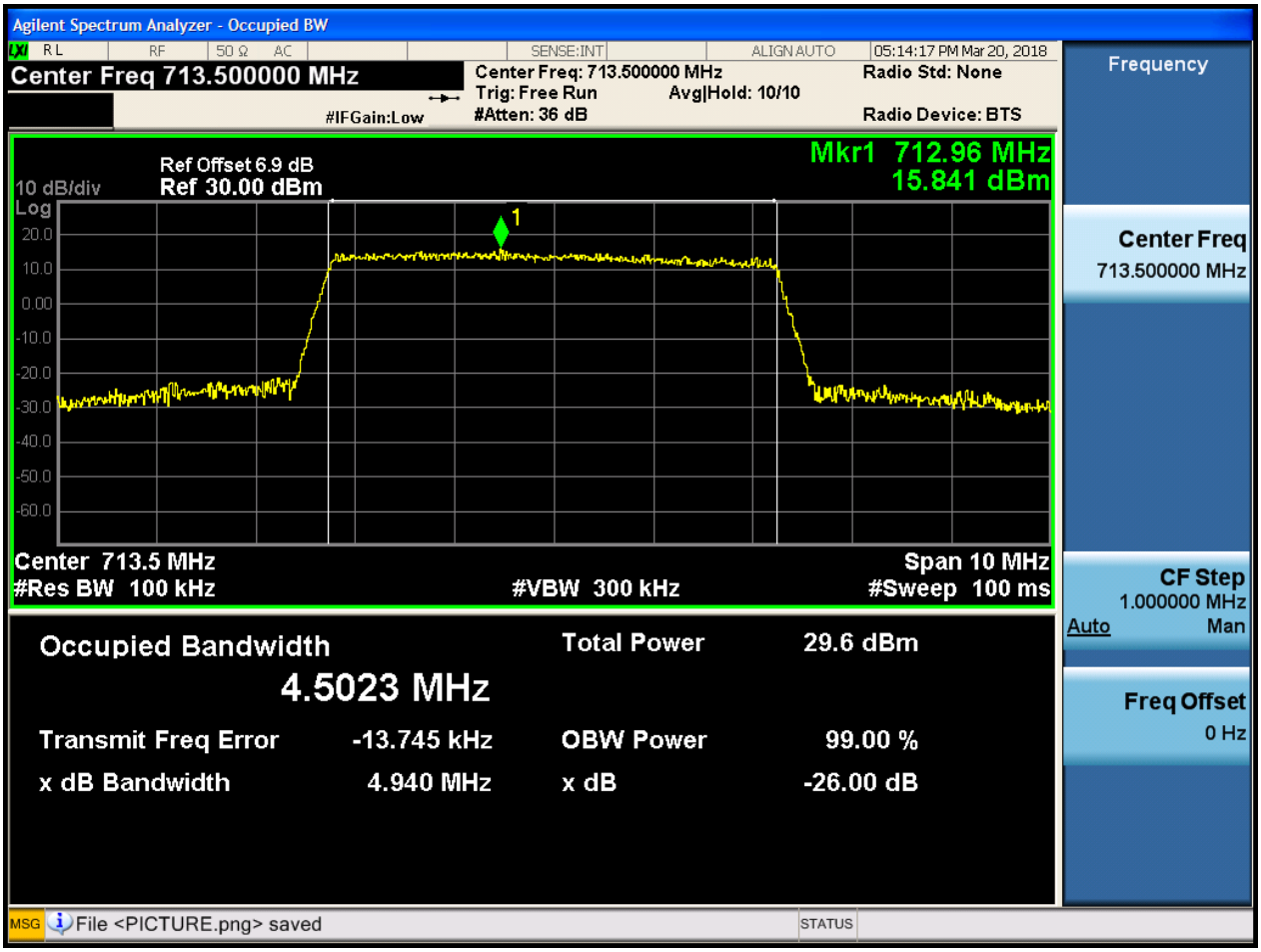
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

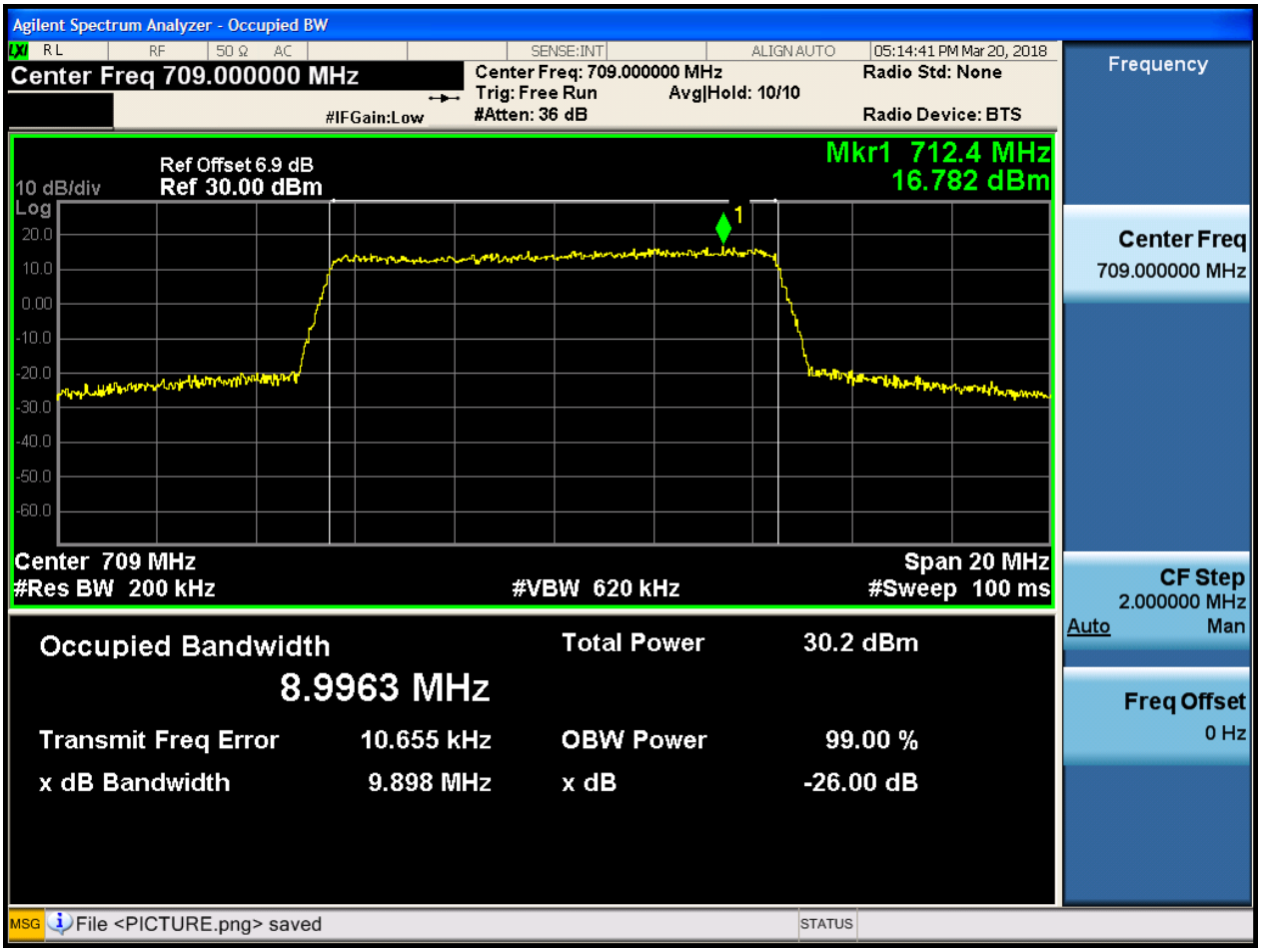
4.1.1.2.1.3.1 Test RB = RB25#0



4.1.1.2.2 Test Bandwidth = 10

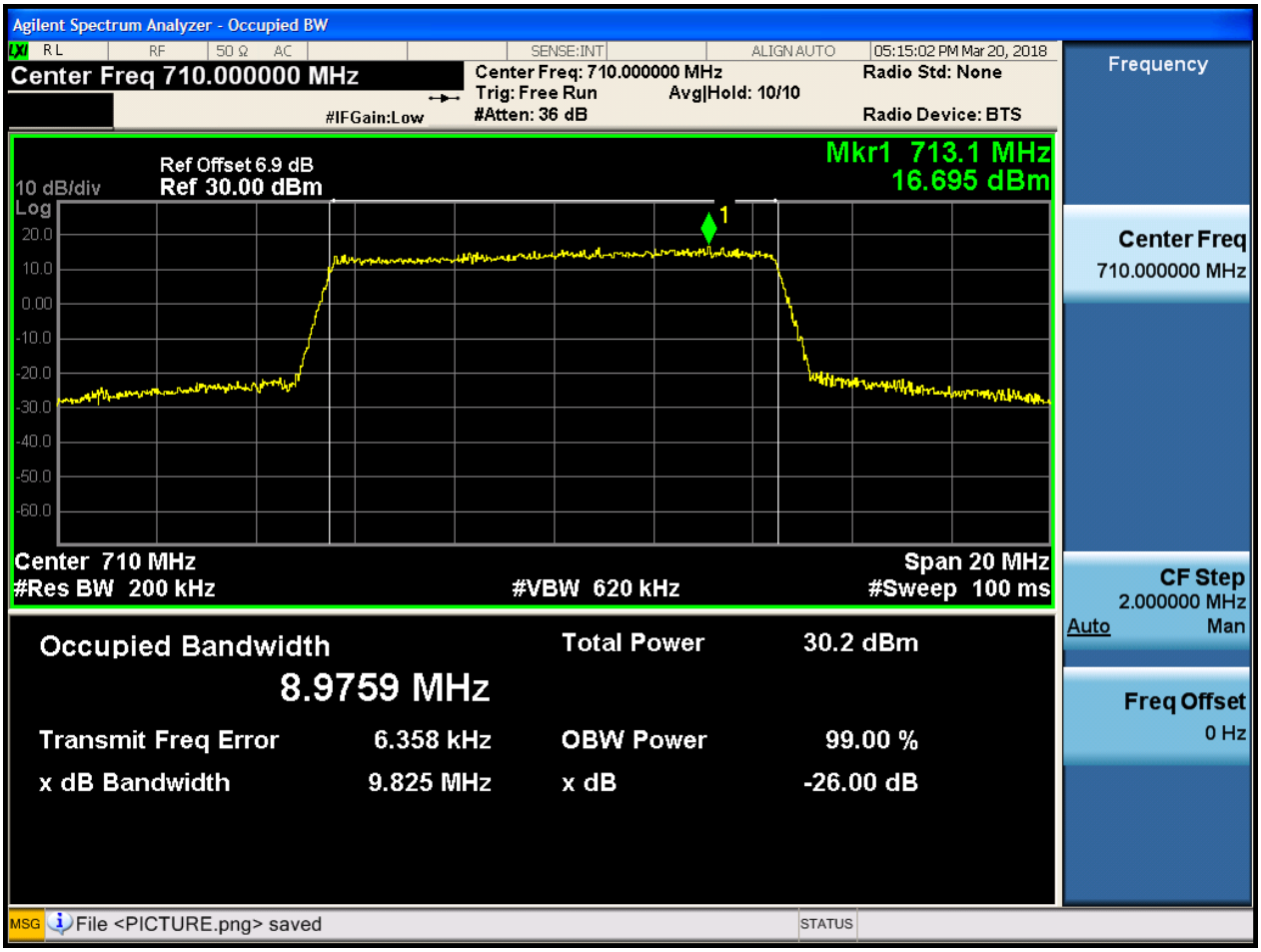
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



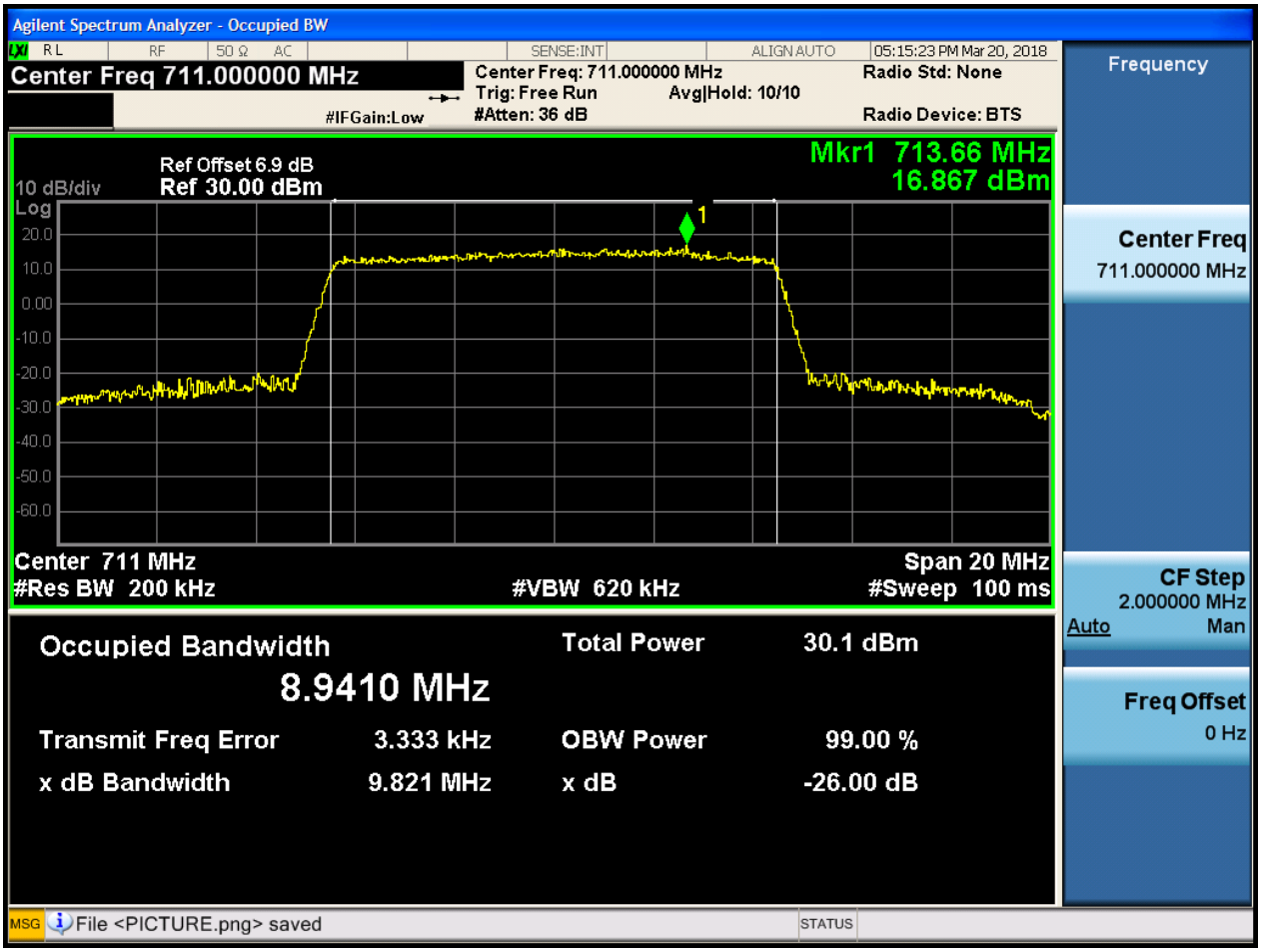
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB50#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

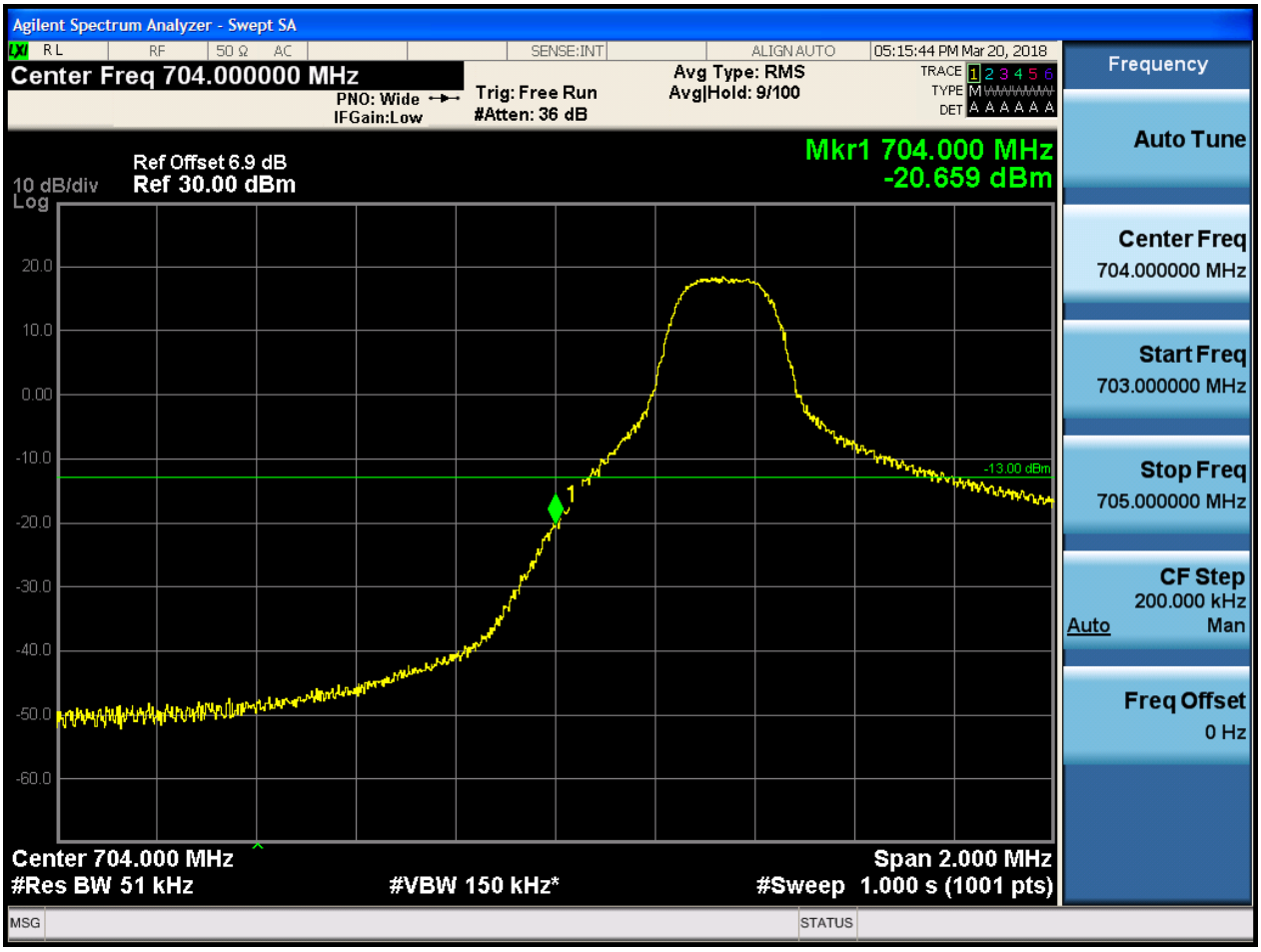
5.1.1 Test Band = BAND17

5.1.1.1 Test Mode = LTE/TM1

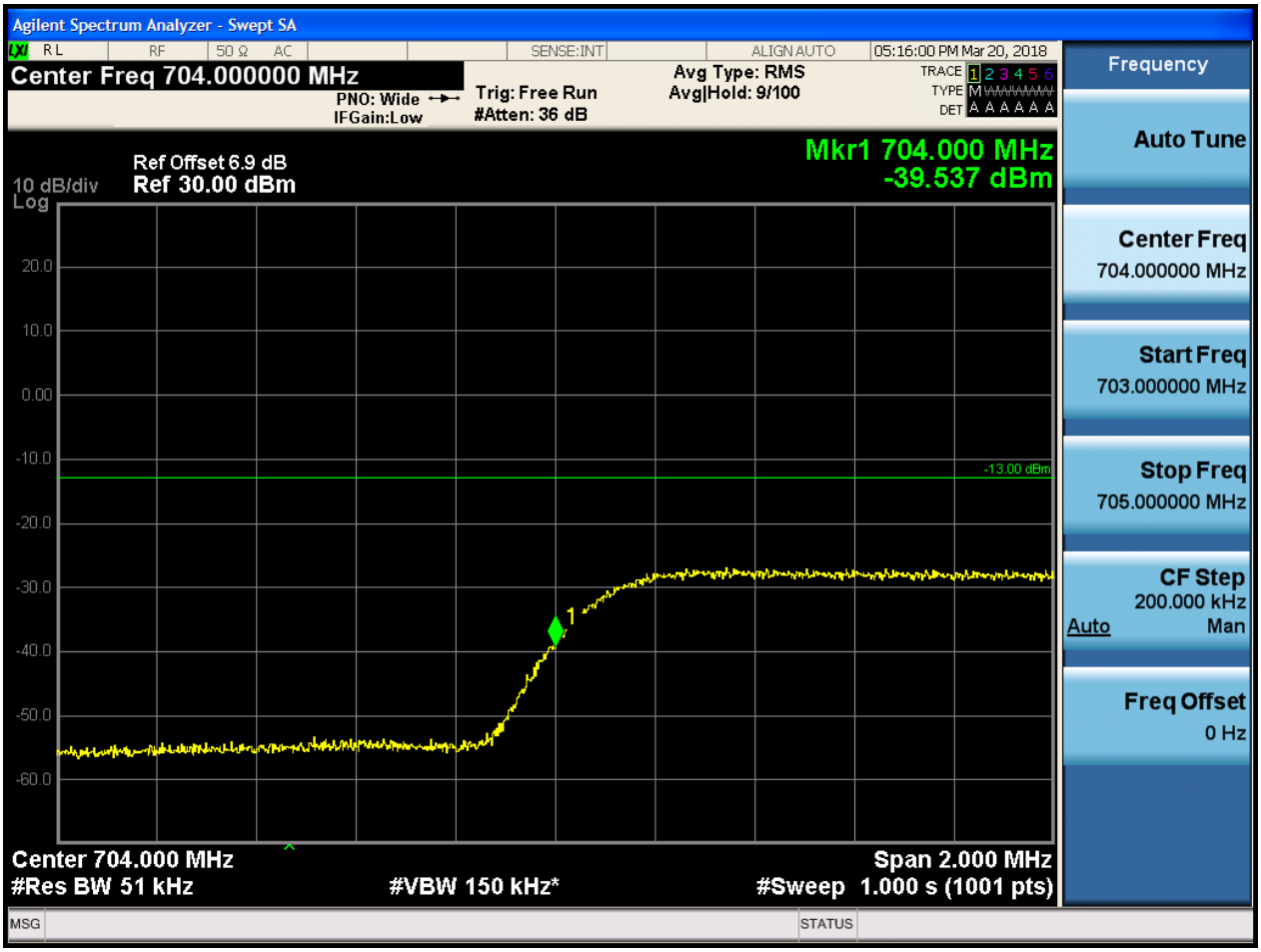
5.1.1.1.1 Test Bandwidth = 5

5.1.1.1.1.1 Test Channel = LCH

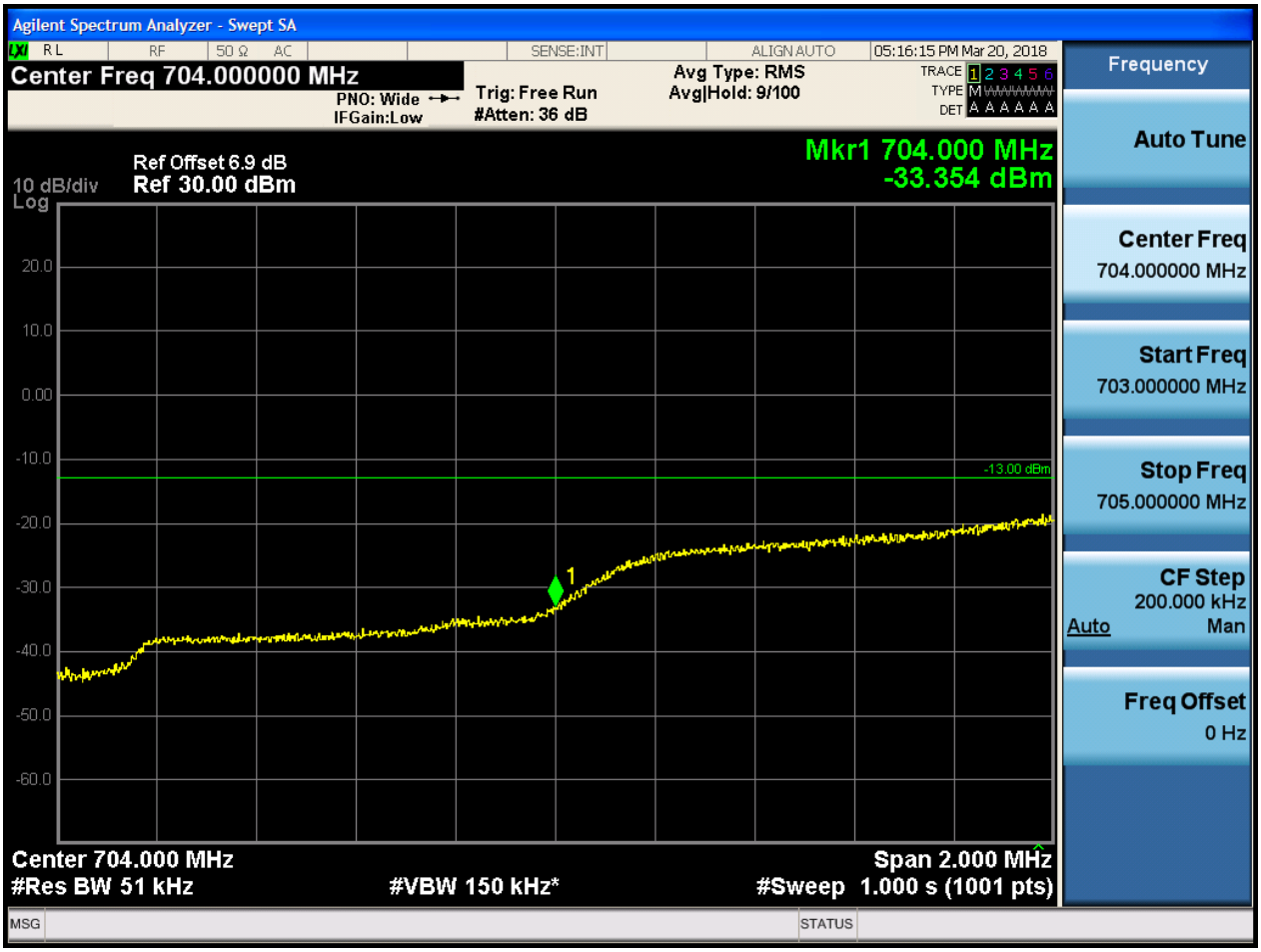
5.1.1.1.1.1.1 Test RB = RB1#0



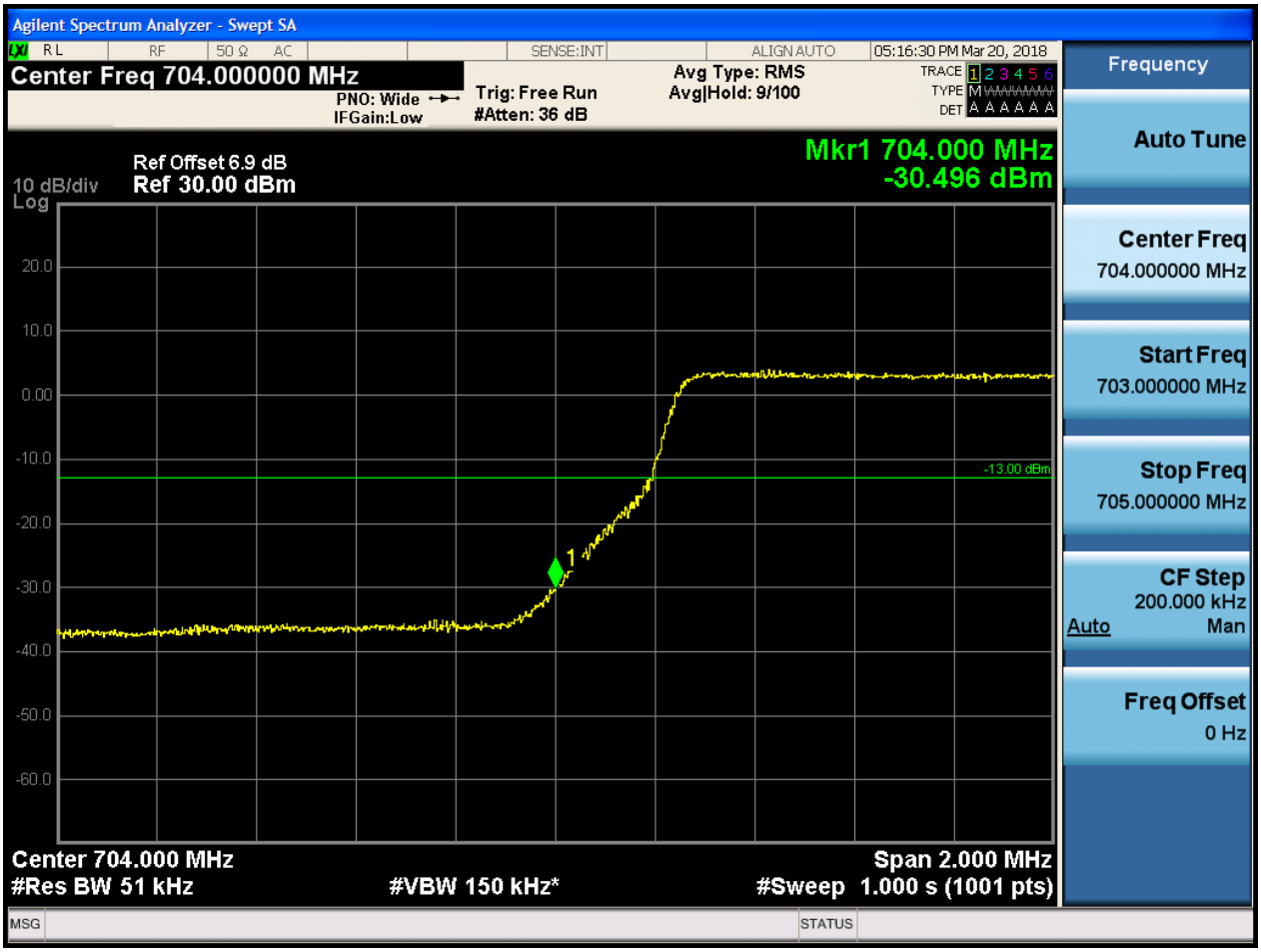
5.1.1.1.1.2 Test RB = RB1#24



5.1.1.1.1.3 Test RB = RB12#6

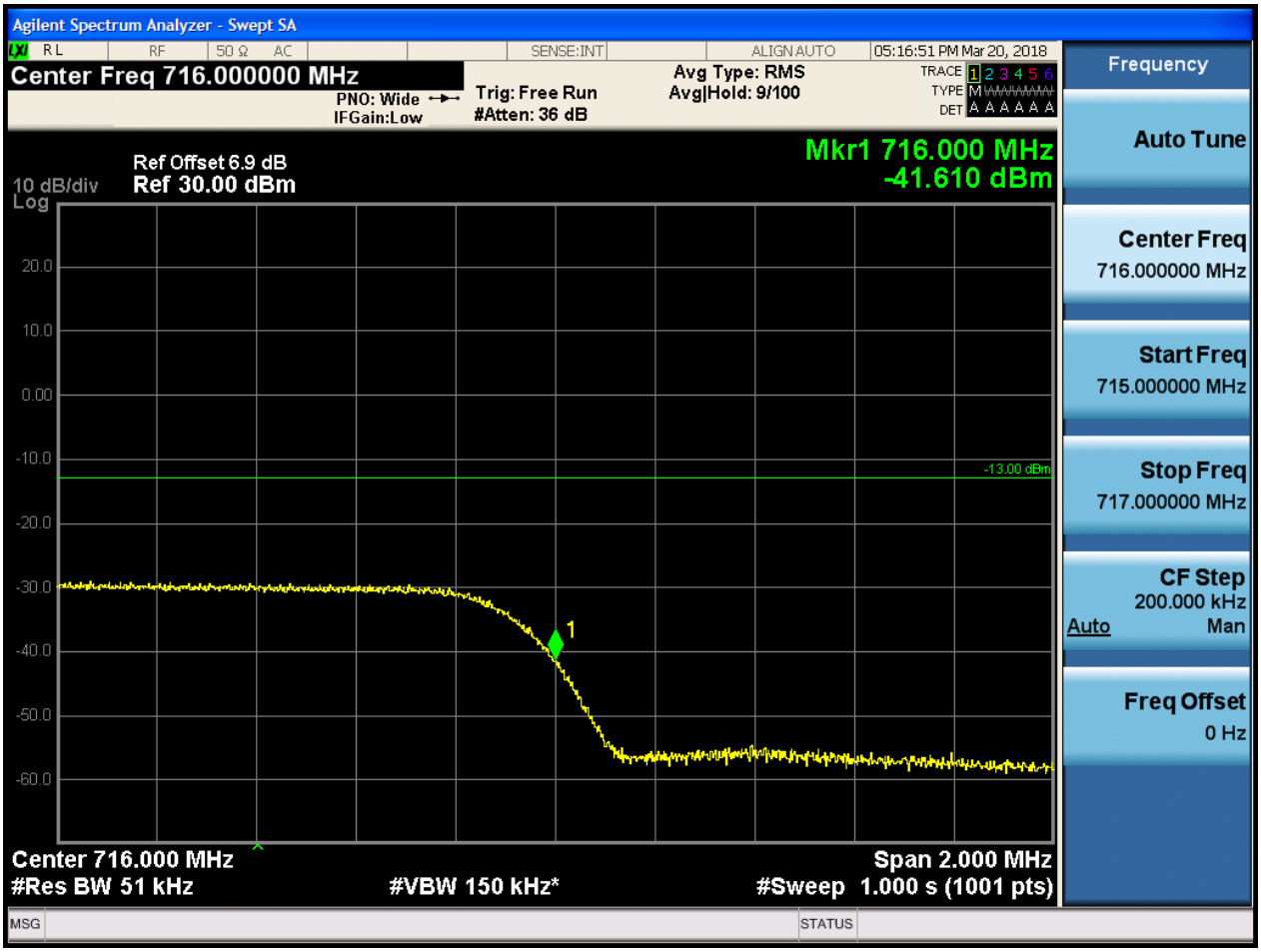


5.1.1.1.1.1.4 Test RB = RB25#0

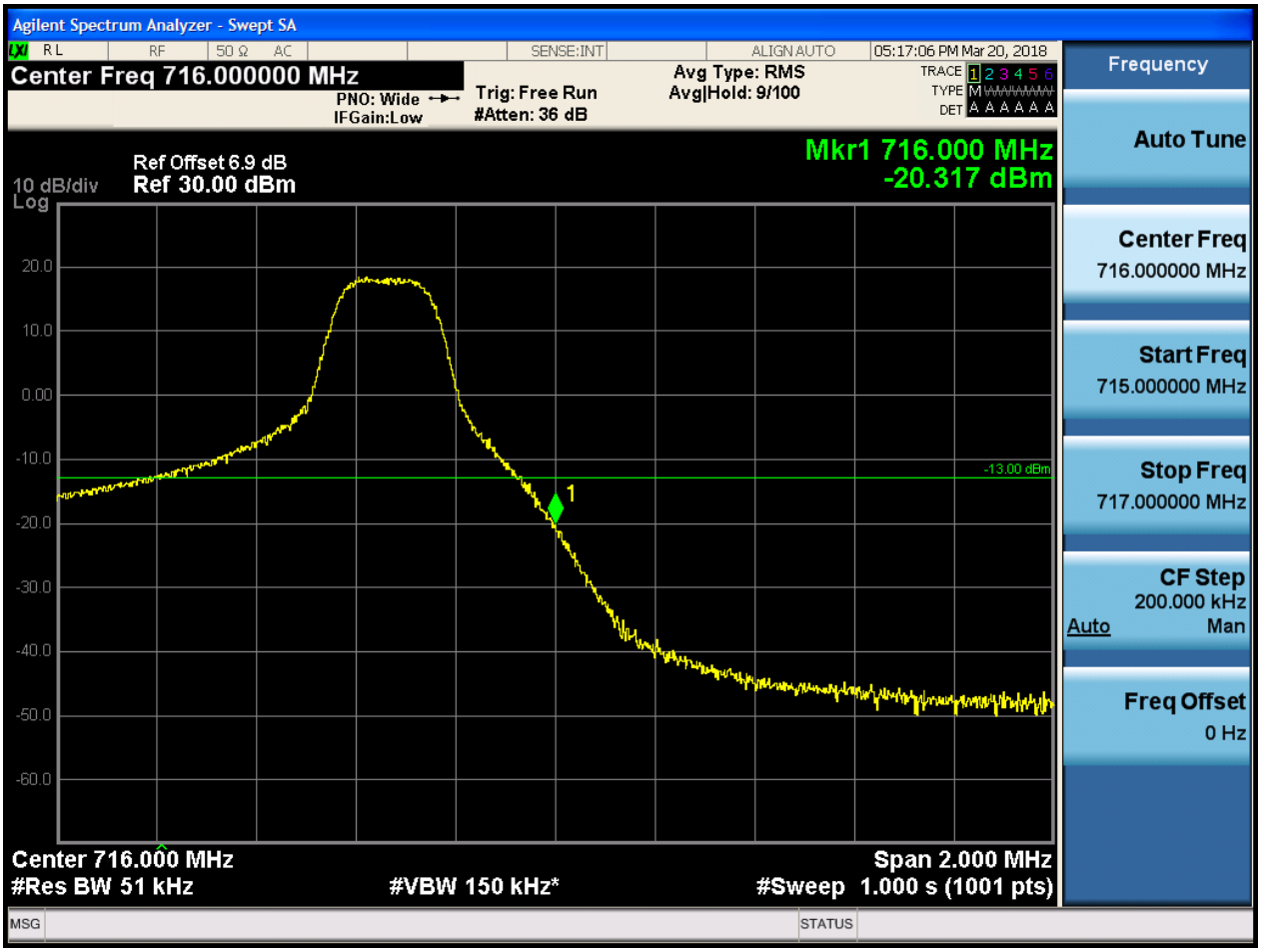


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.1.2.2 Test RB = RB1#24



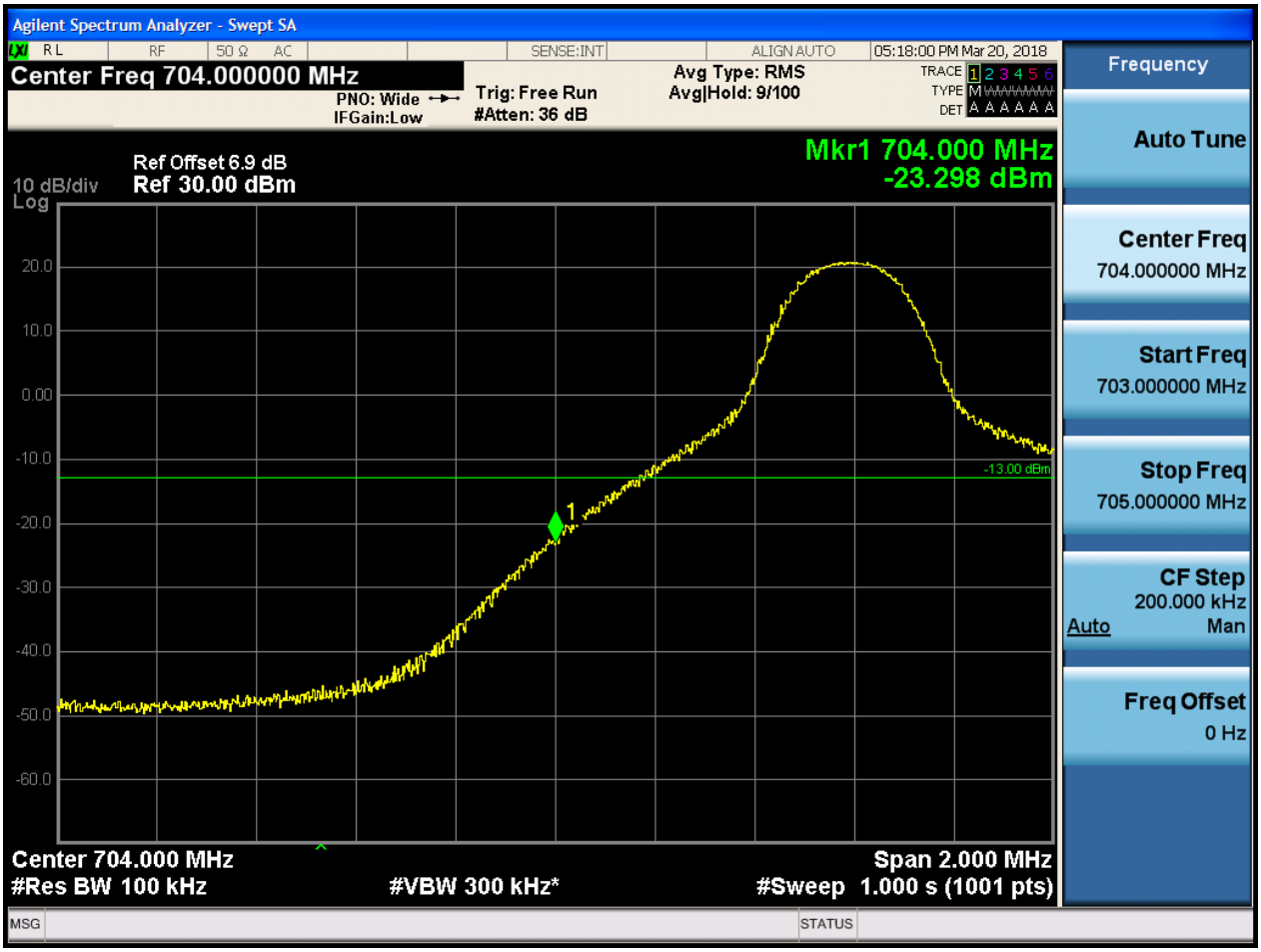
5.1.1.1.1.2.3 Test RB = RB12#6

5.1.1.1.1.2.4 Test RB = RB25#0

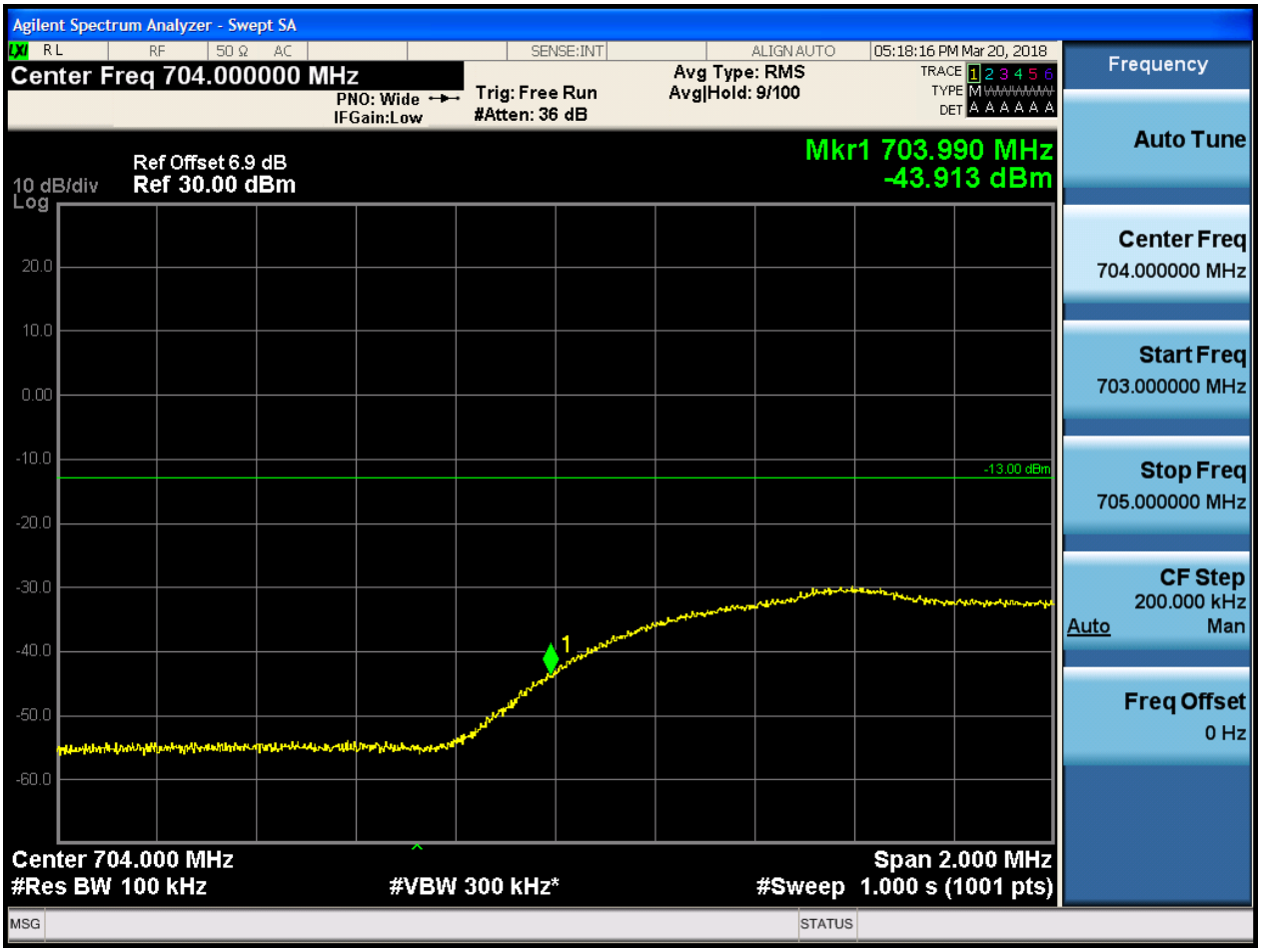
5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0

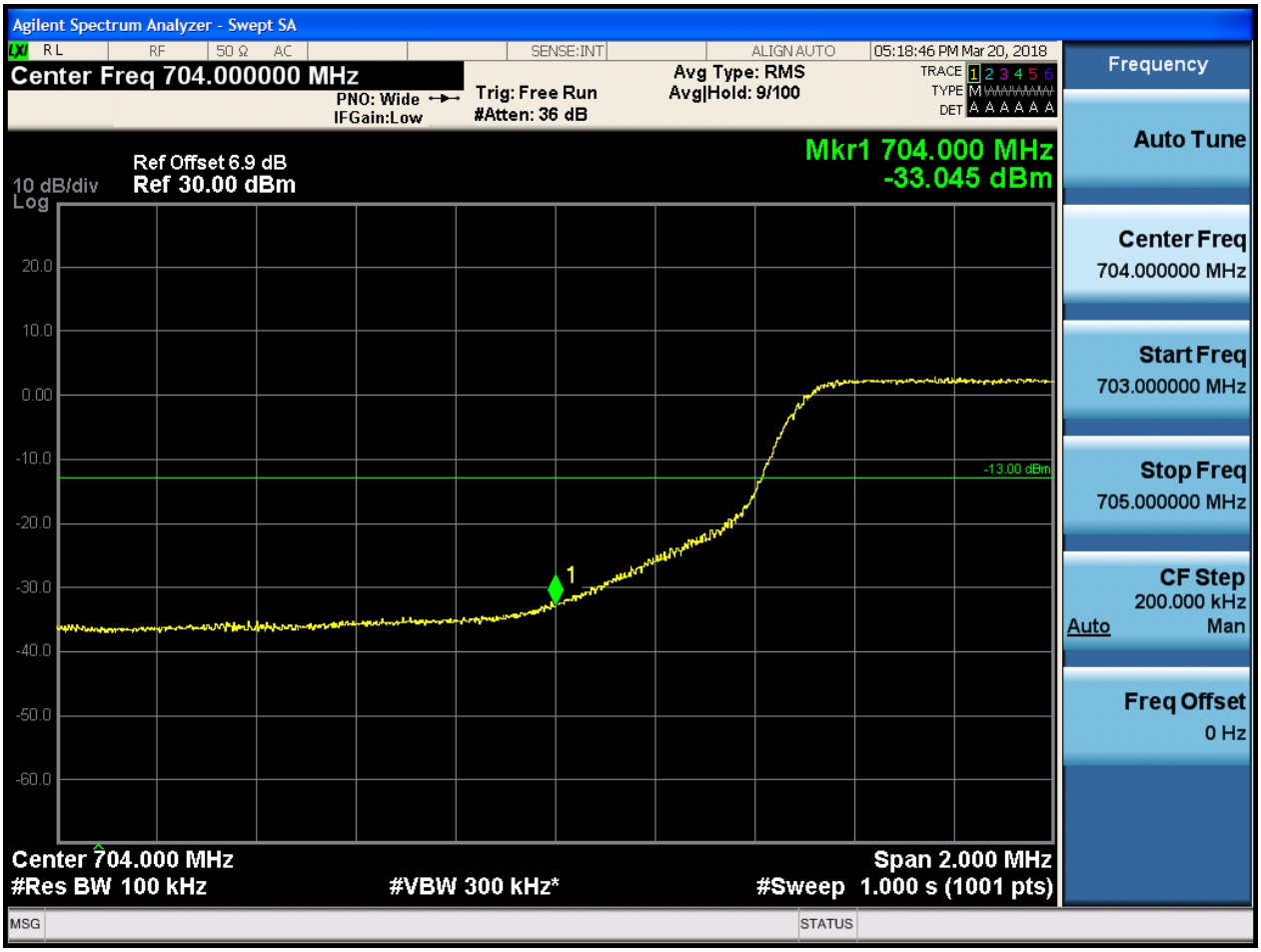


5.1.1.1.2.1.2 Test RB = RB1#49



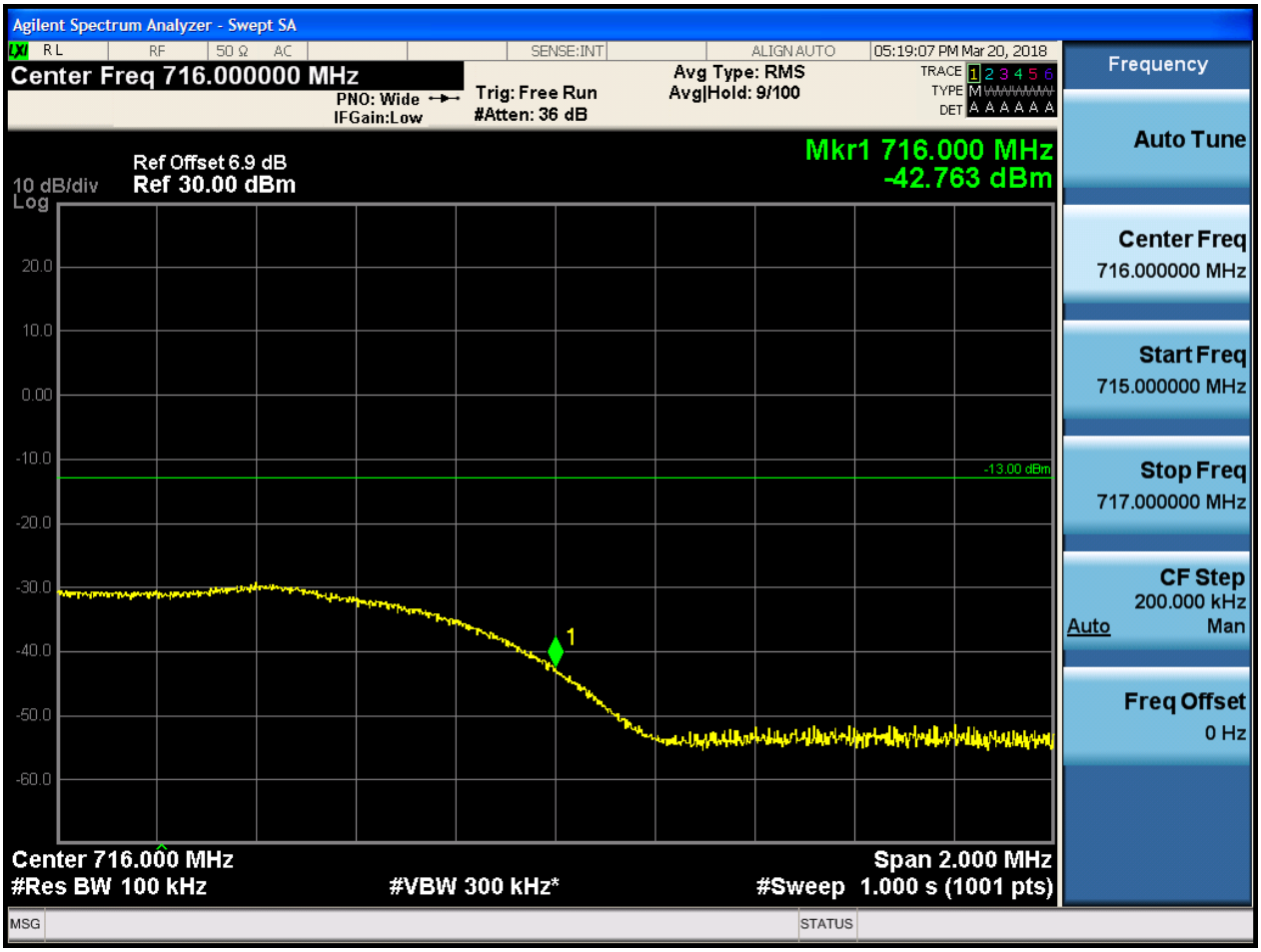
5.1.1.1.2.1.3 Test RB = RB25#13

5.1.1.1.2.1.4 Test RB = RB50#0

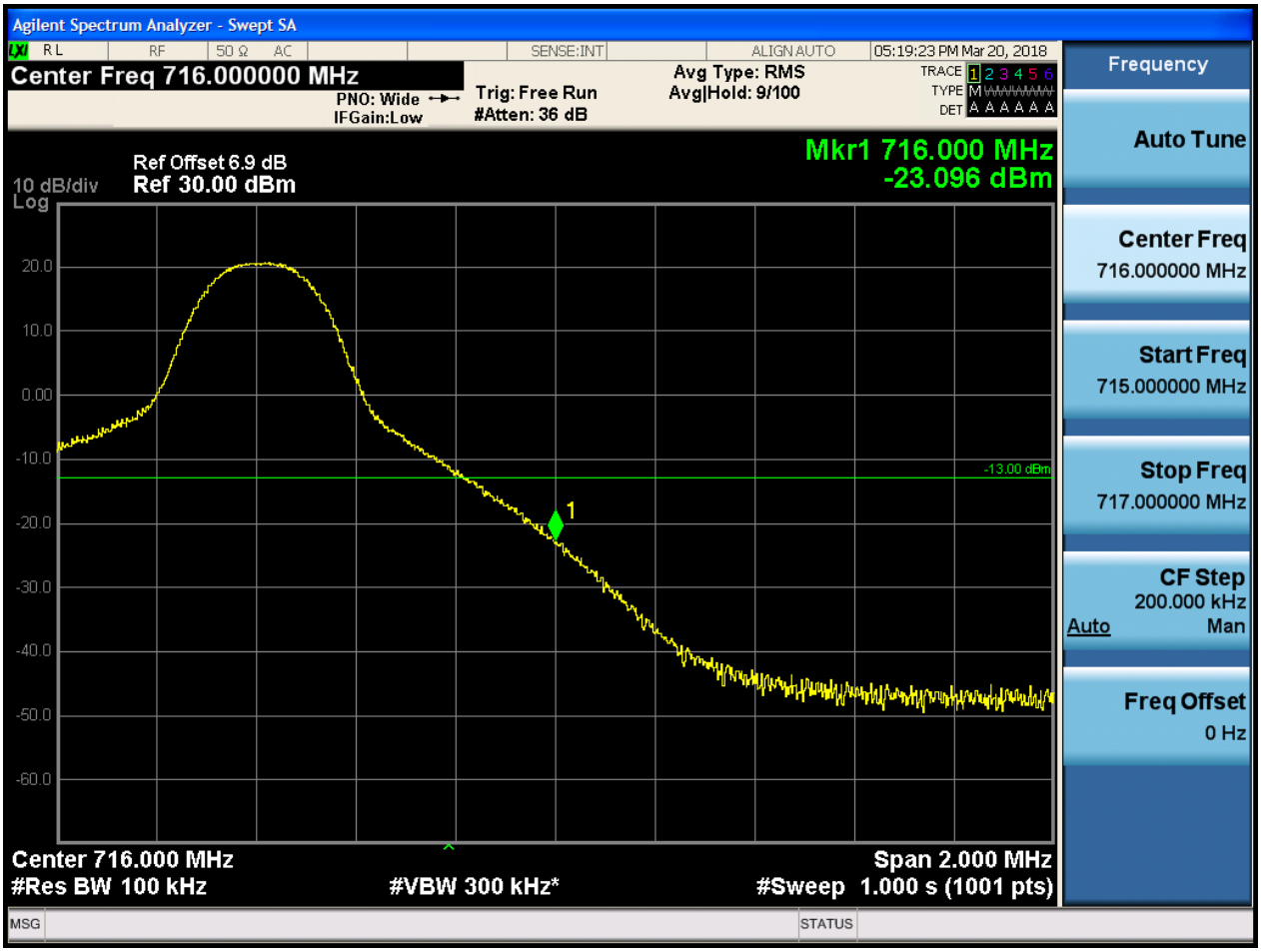


5.1.1.1.2.2 Test Channel = HCH

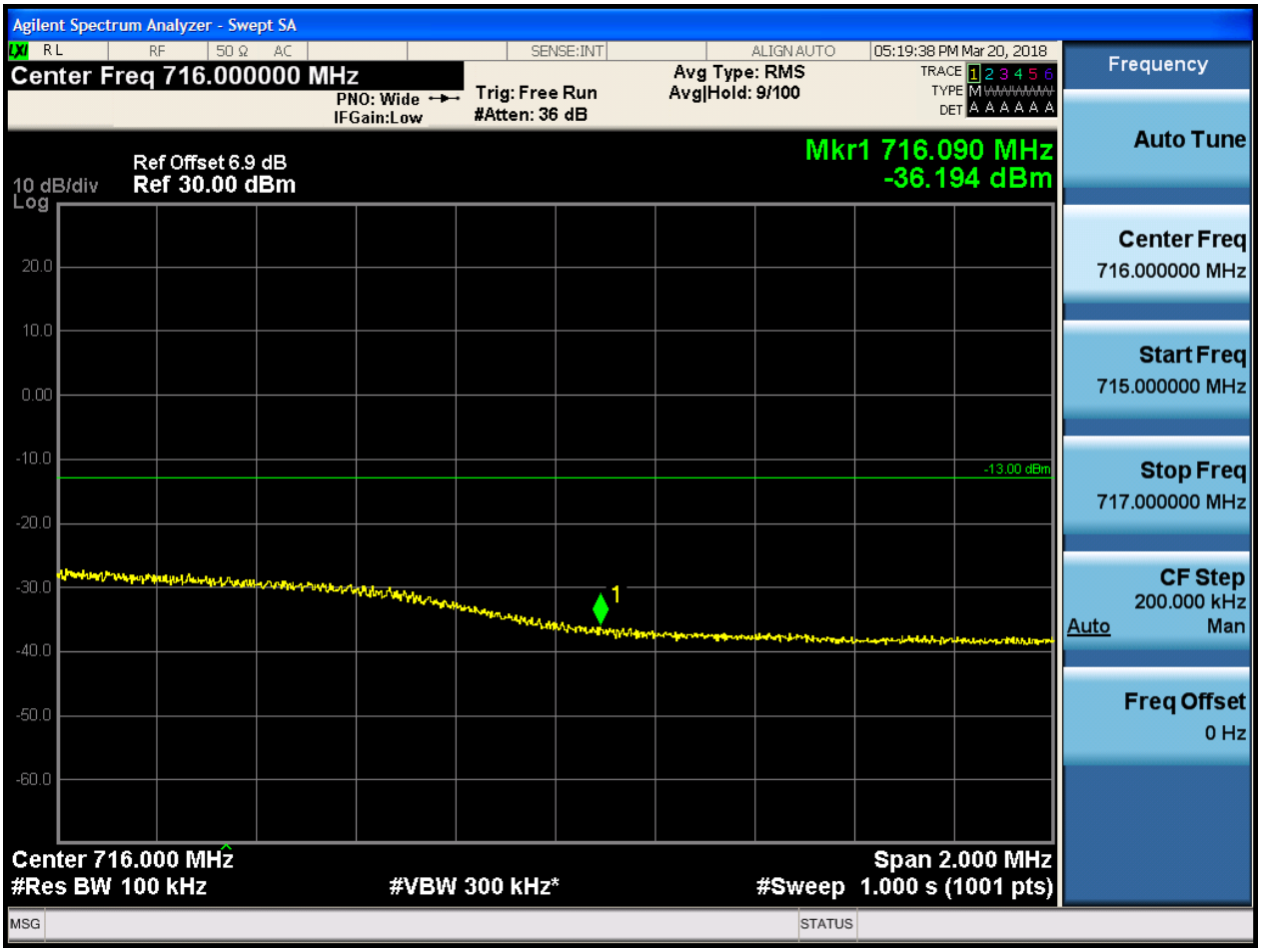
5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#49



5.1.1.1.2.2.3 Test RB = RB25#13



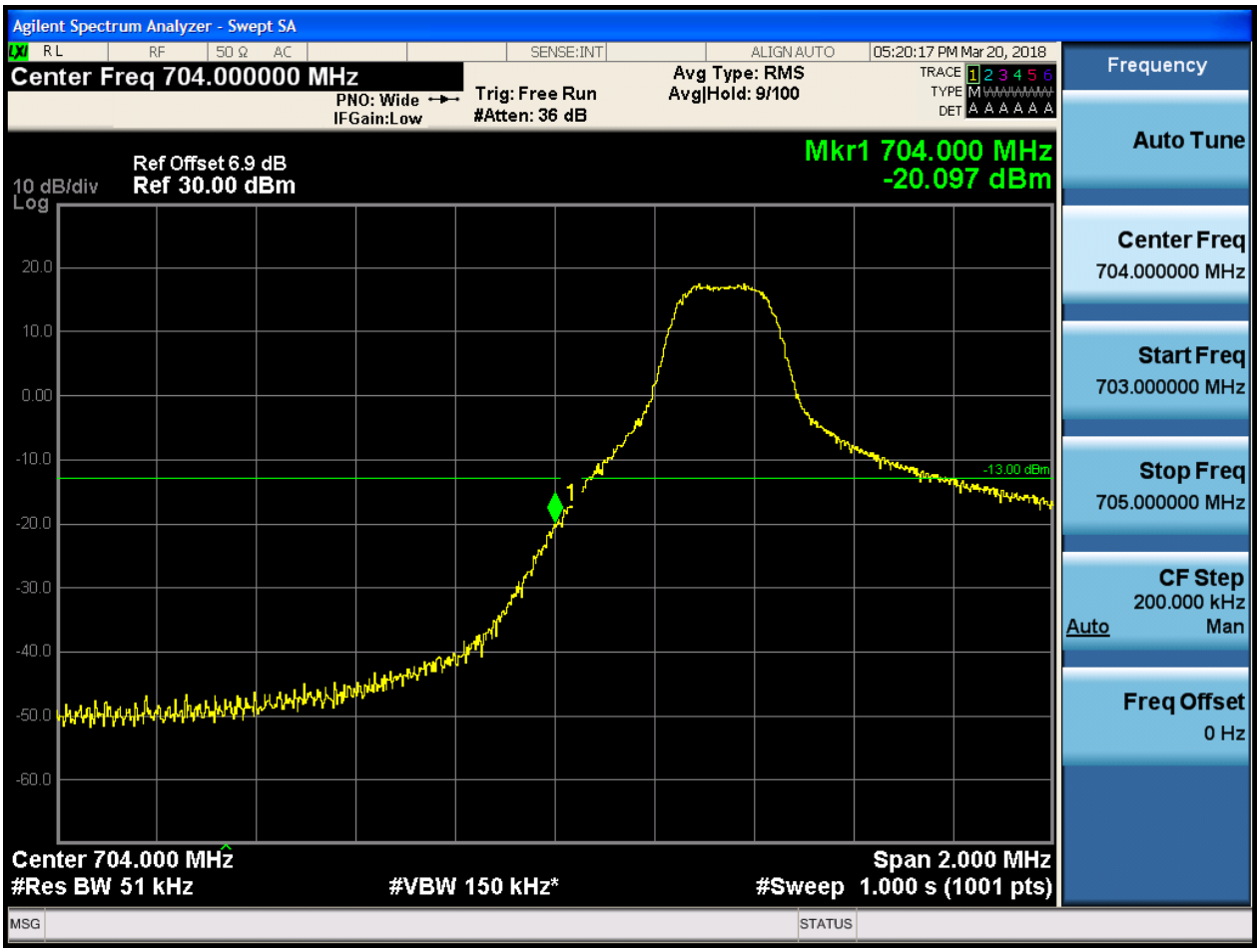
5.1.1.1.2.2.4 Test RB = RB50#0

5.1.1.2 Test Mode = LTE/TM2

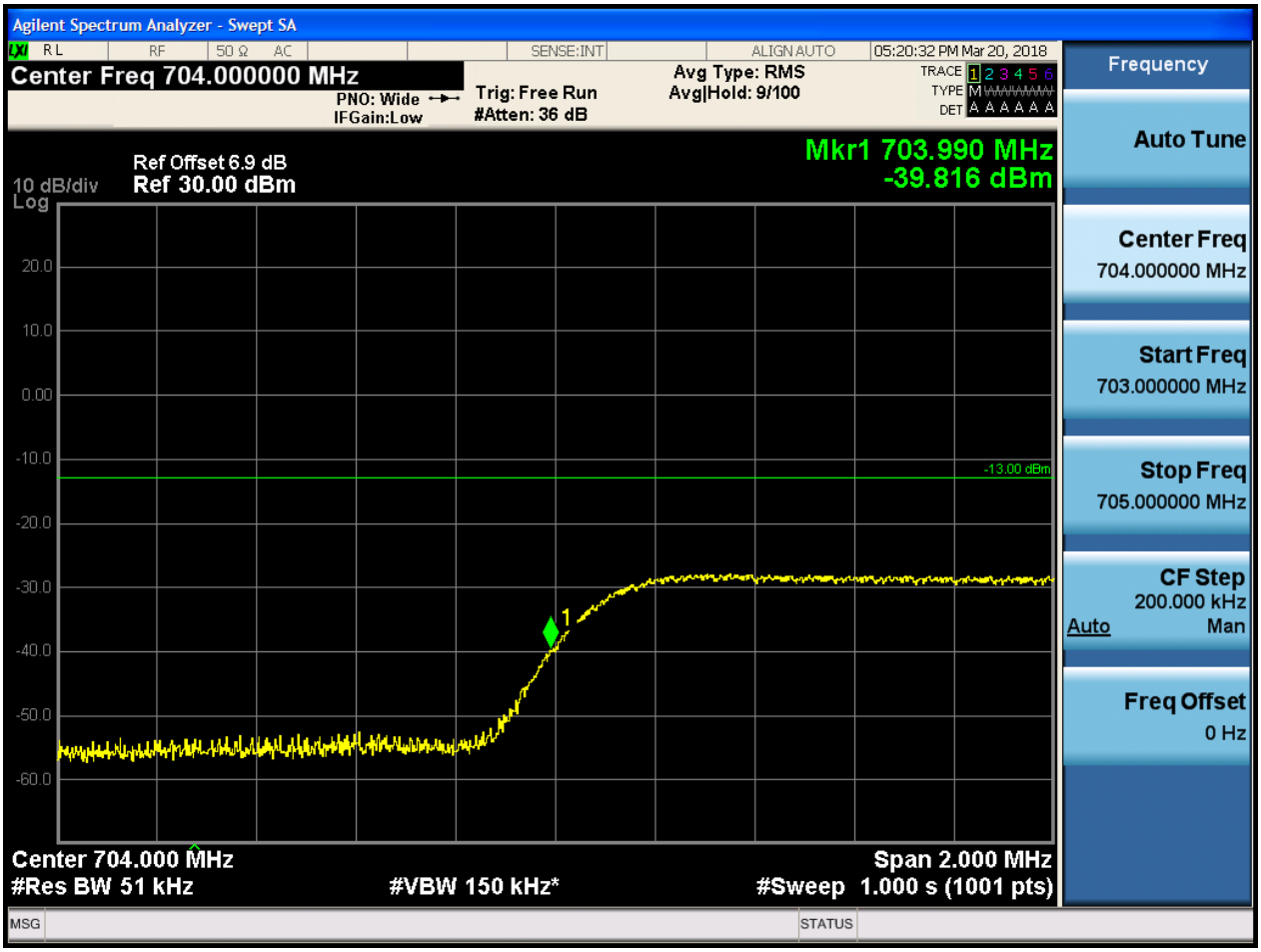
5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

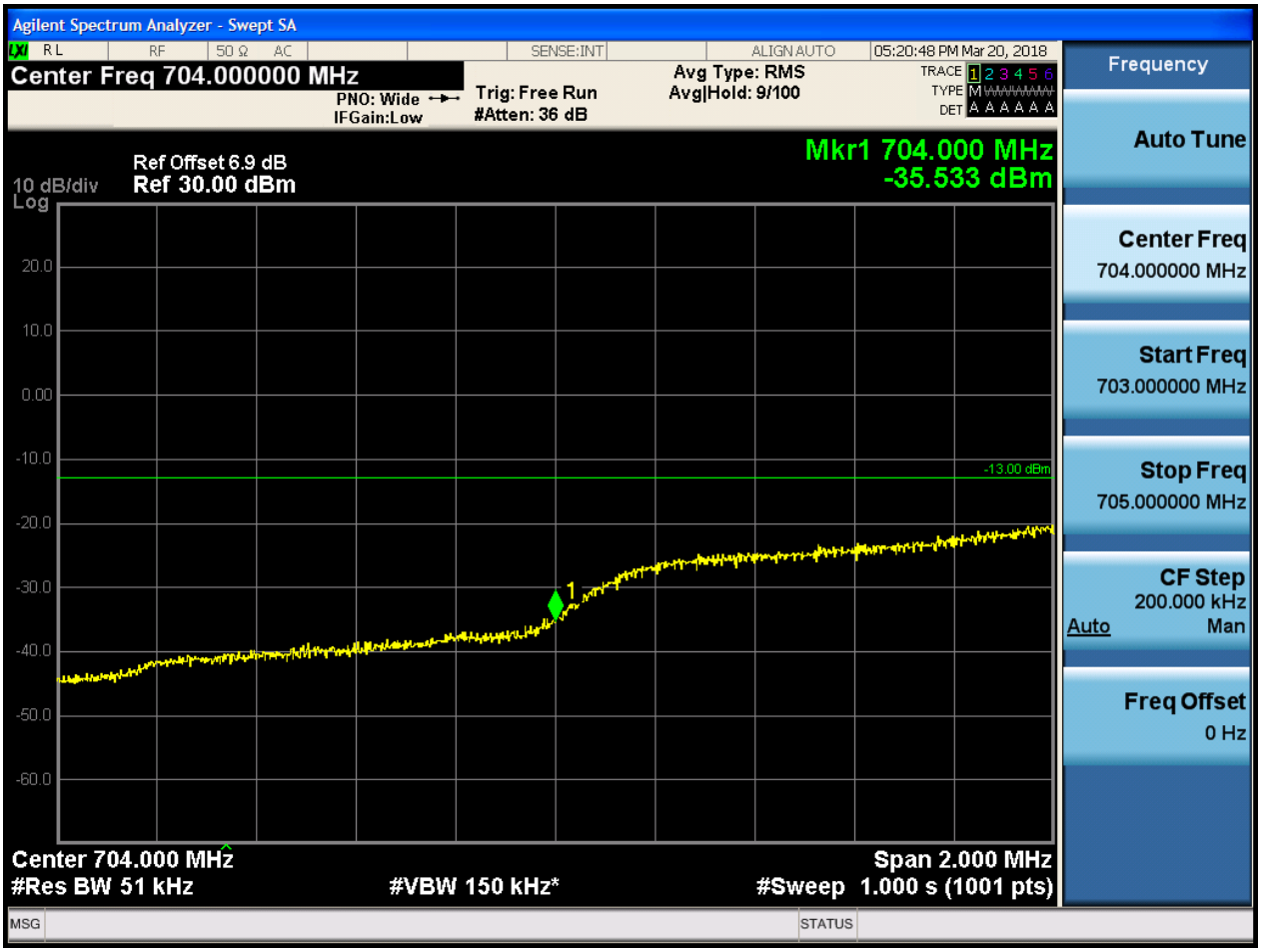
####### 5.1.1.2.1.1.1 Test RB = RB1#0



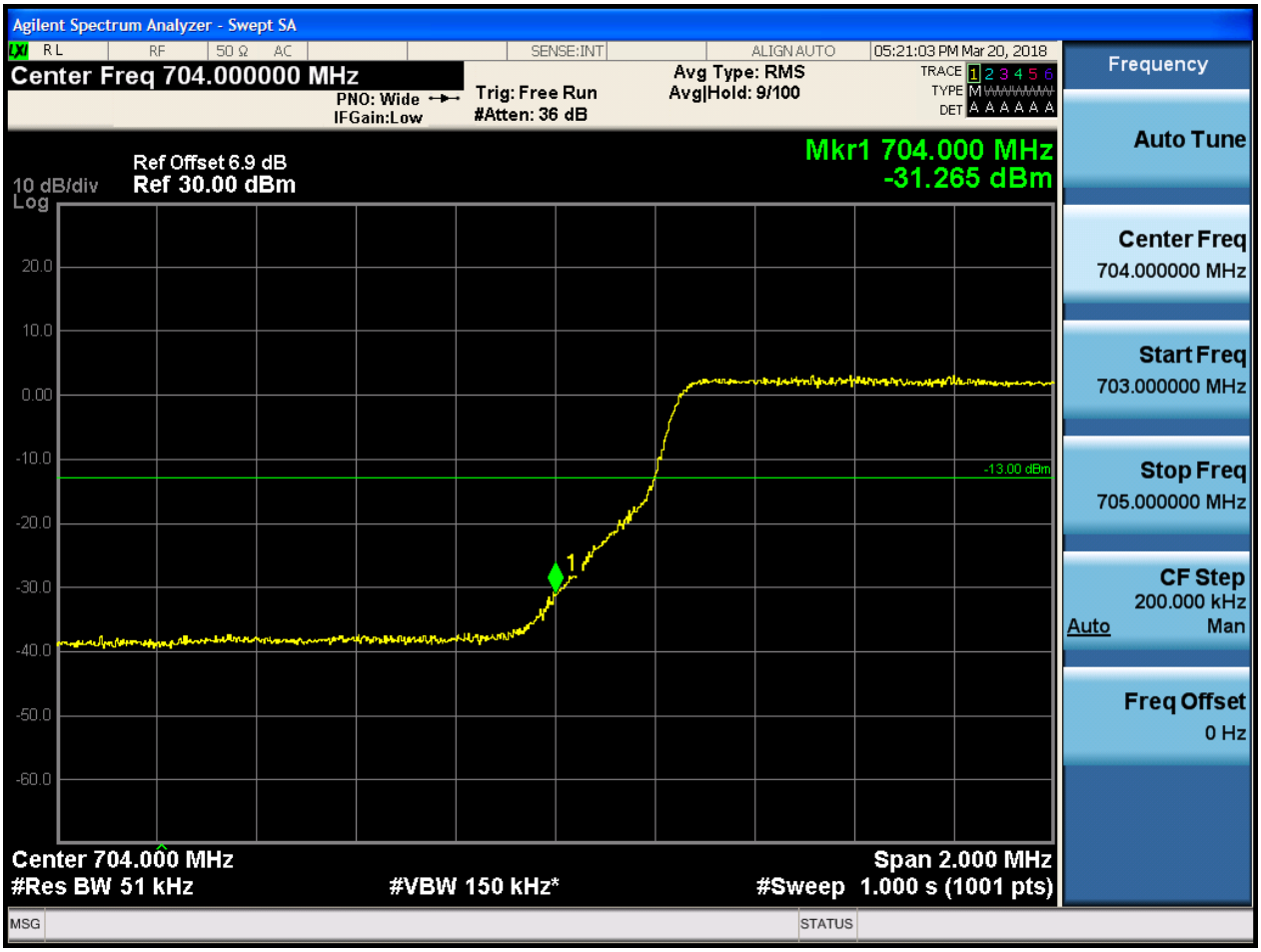
5.1.1.2.1.1.2 Test RB = RB1#24



5.1.1.2.1.1.3 Test RB = RB12#6

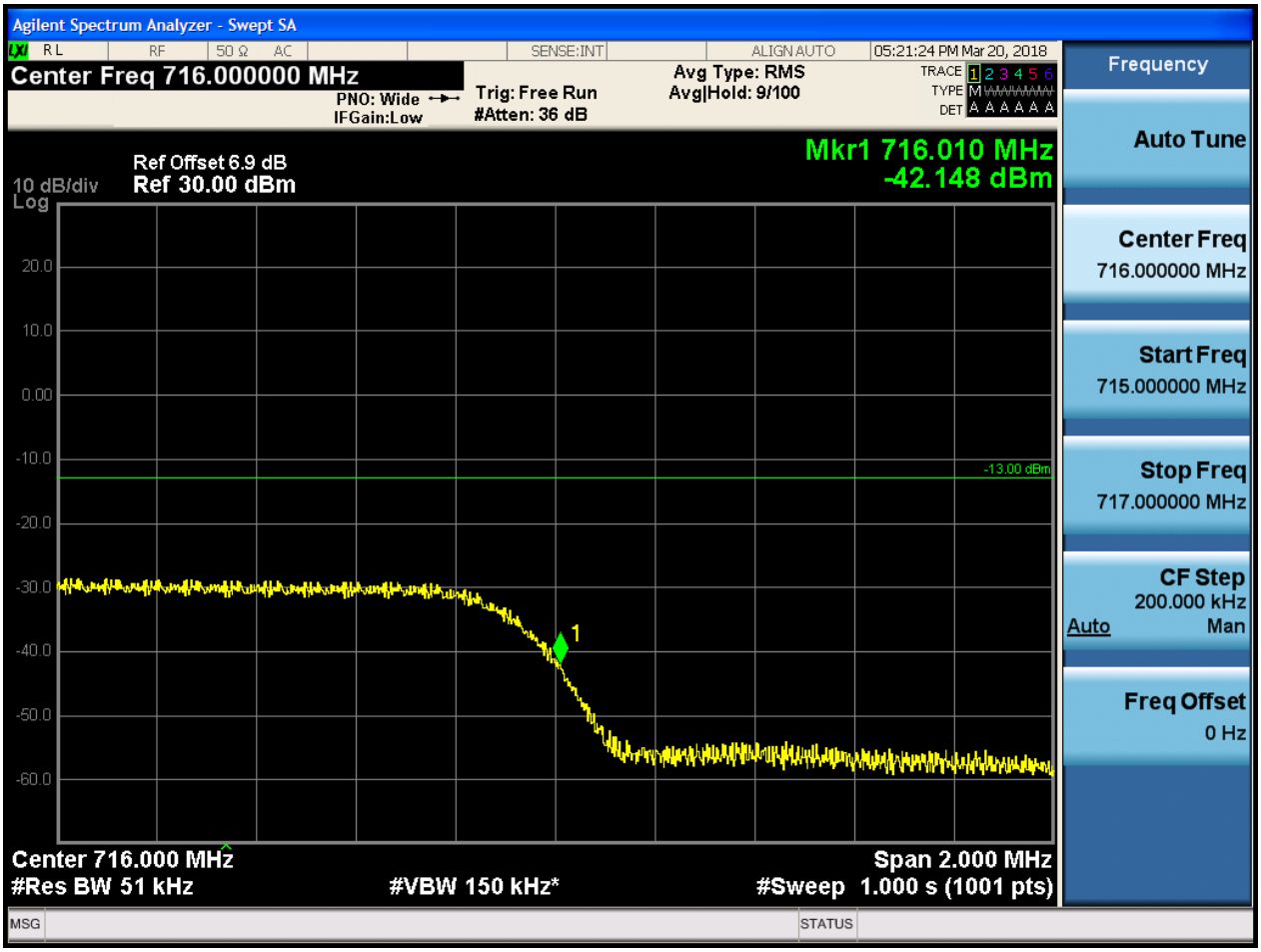


5.1.1.2.1.1.4 Test RB = RB25#0

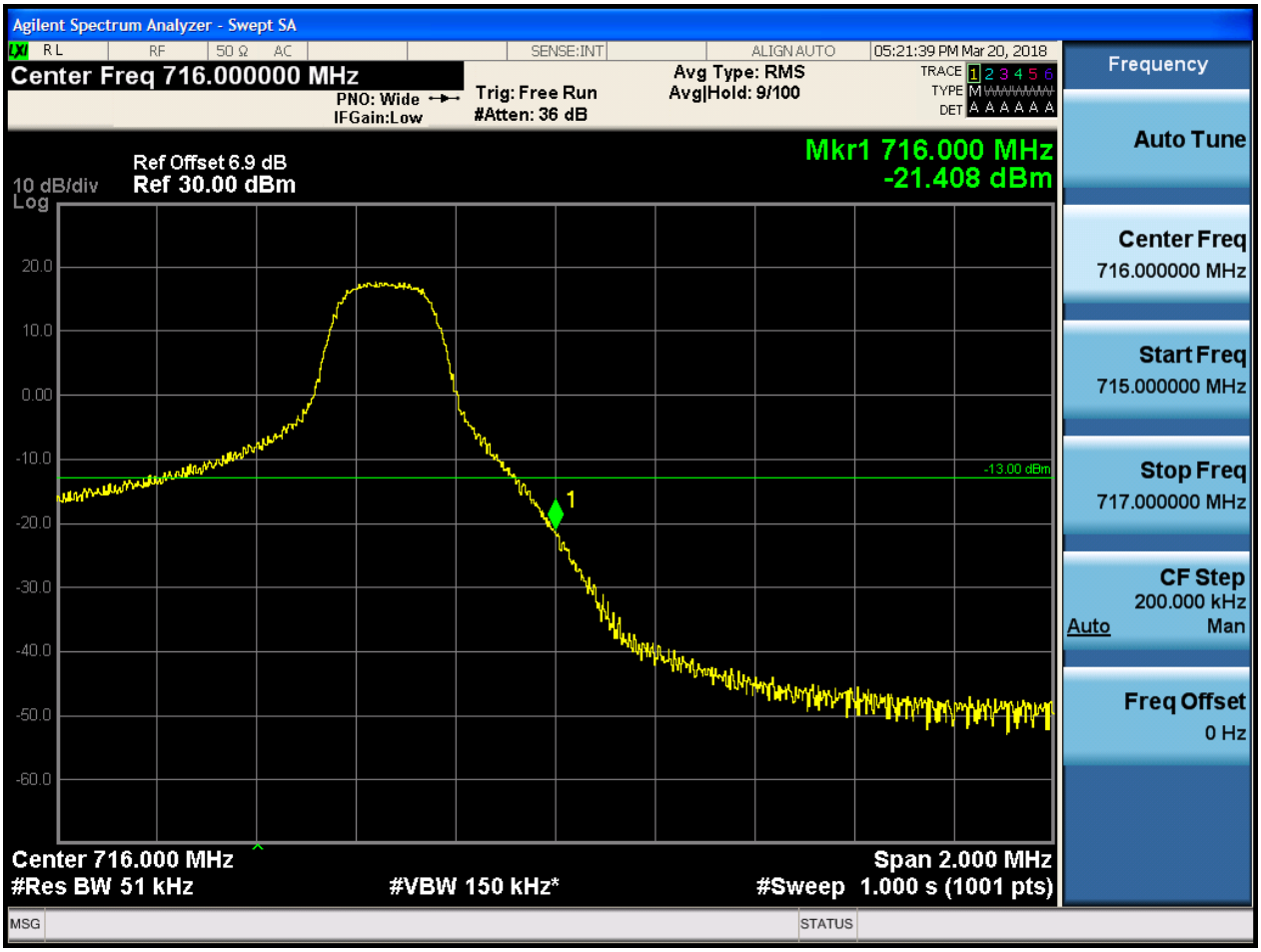


5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#24



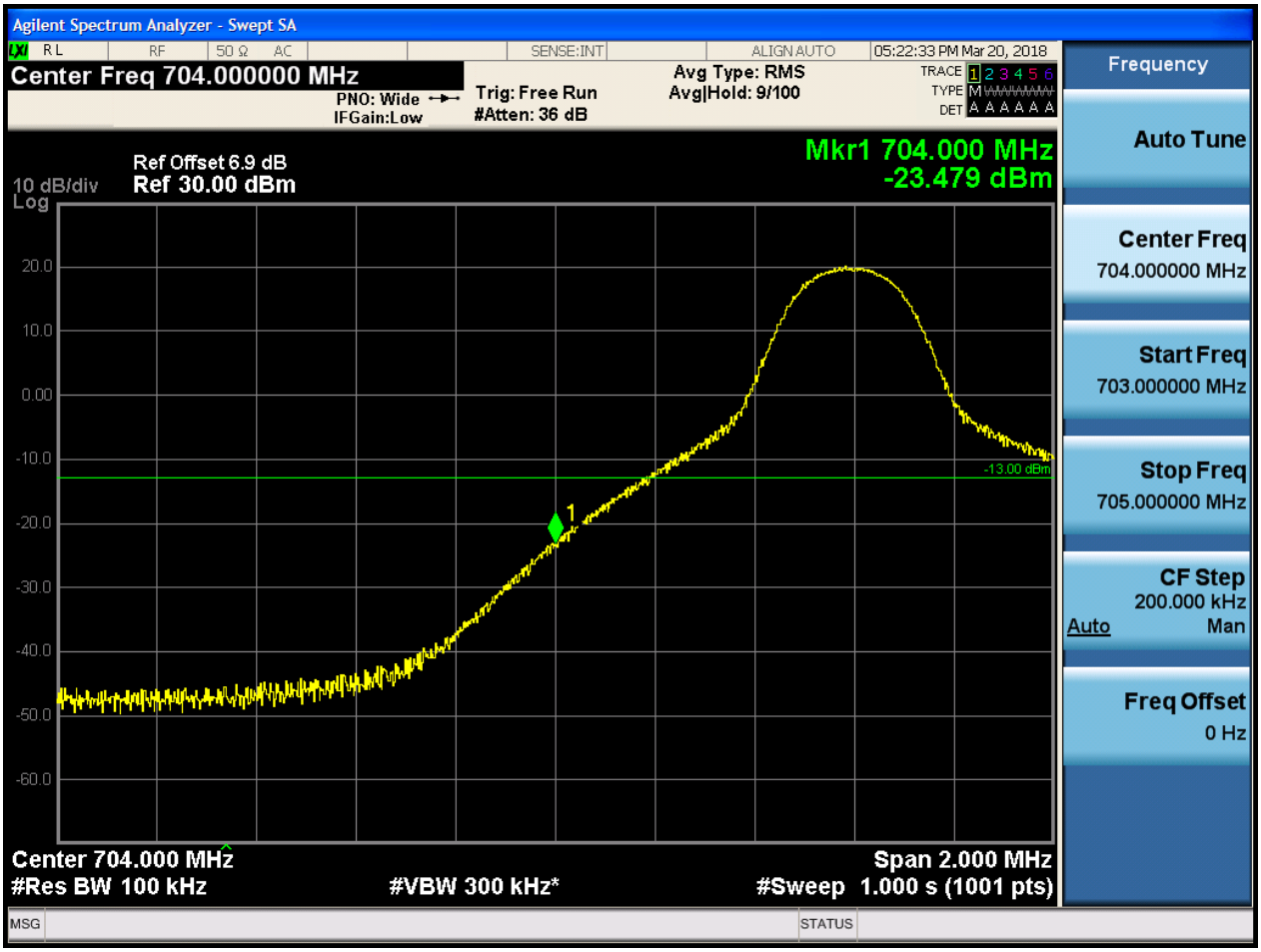
5.1.1.2.1.2.3 Test RB = RB12#6

5.1.1.2.1.2.4 Test RB = RB25#0

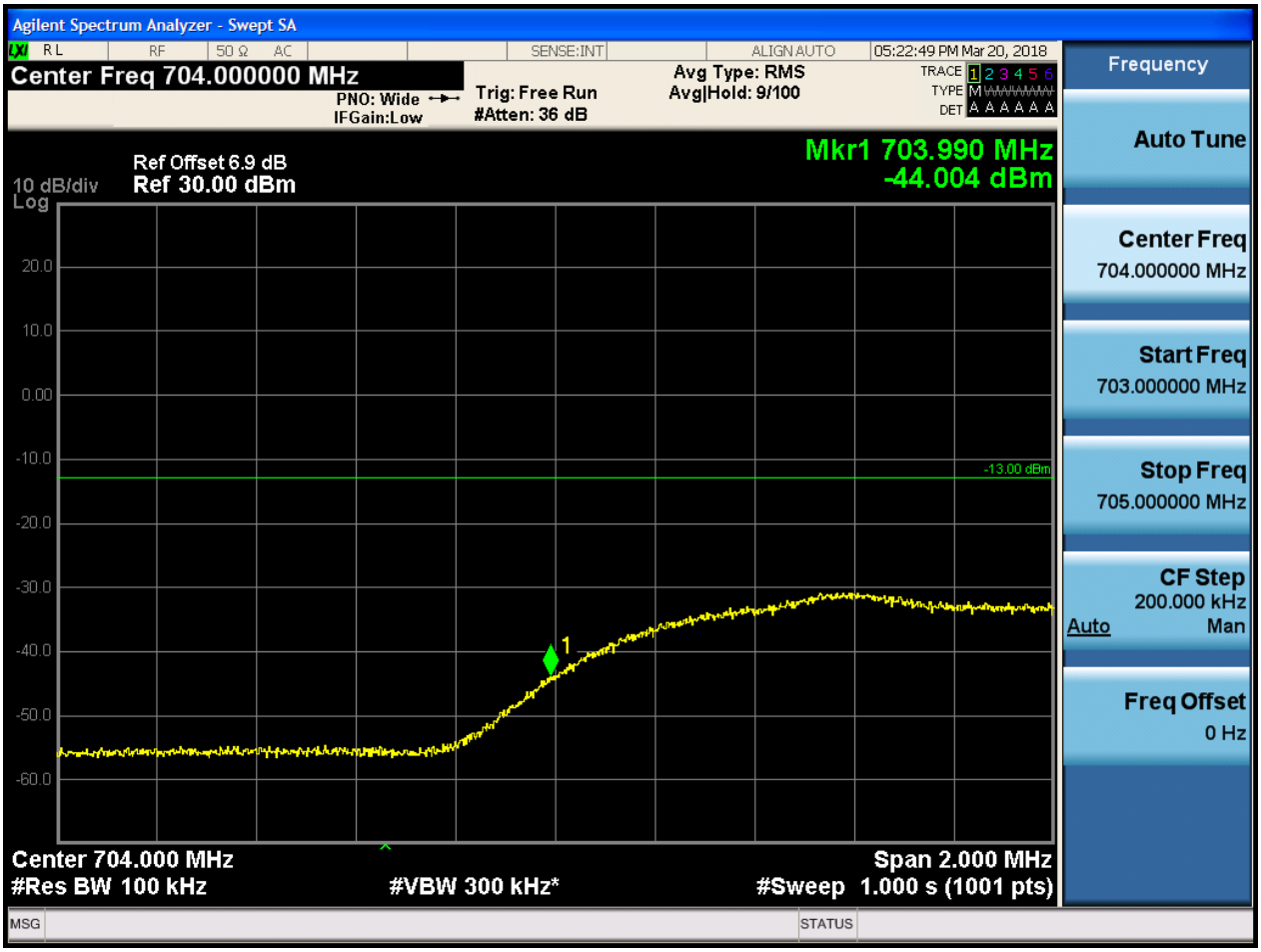
5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

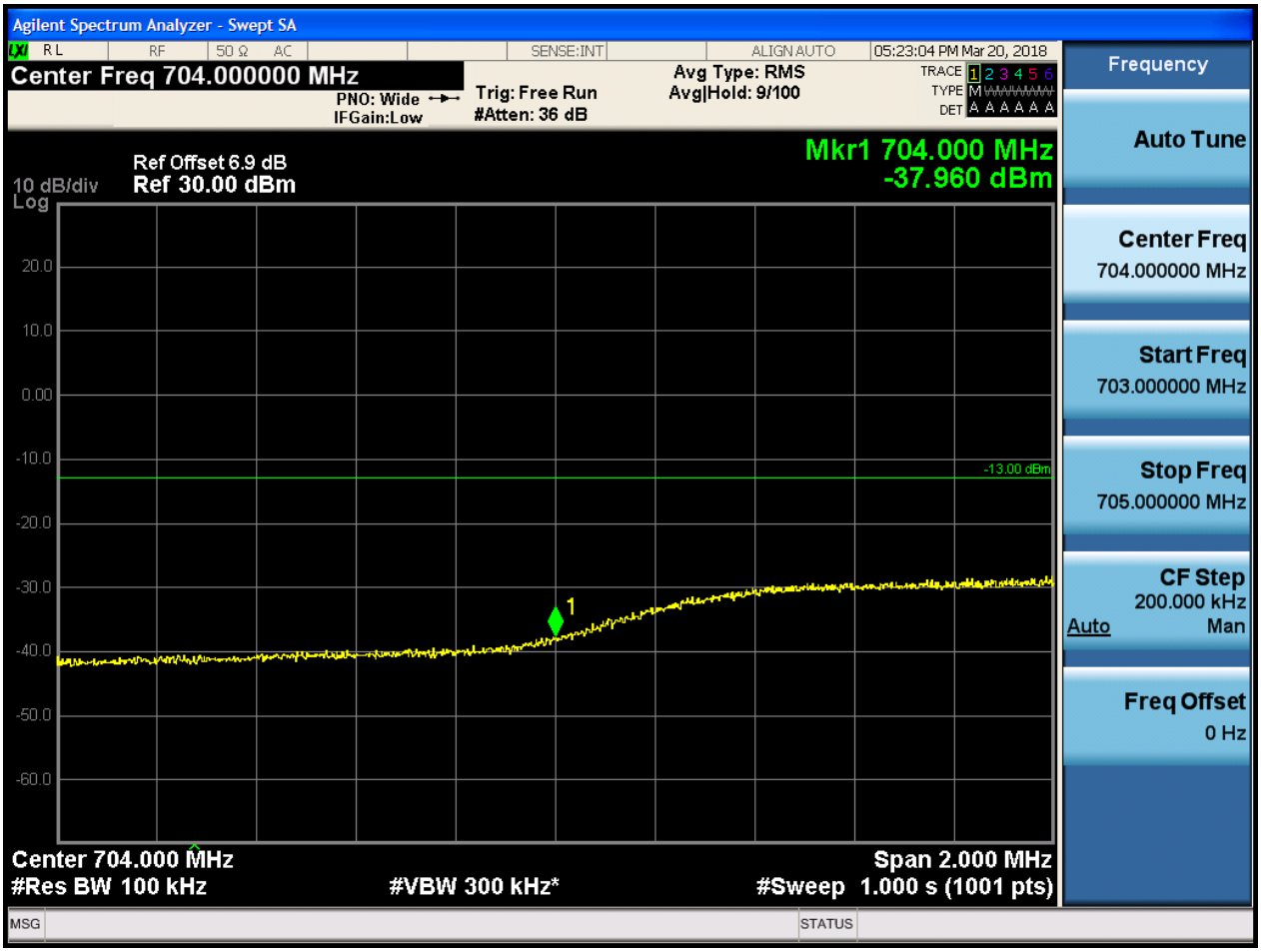
5.1.1.2.2.1.1 Test RB = RB1#0



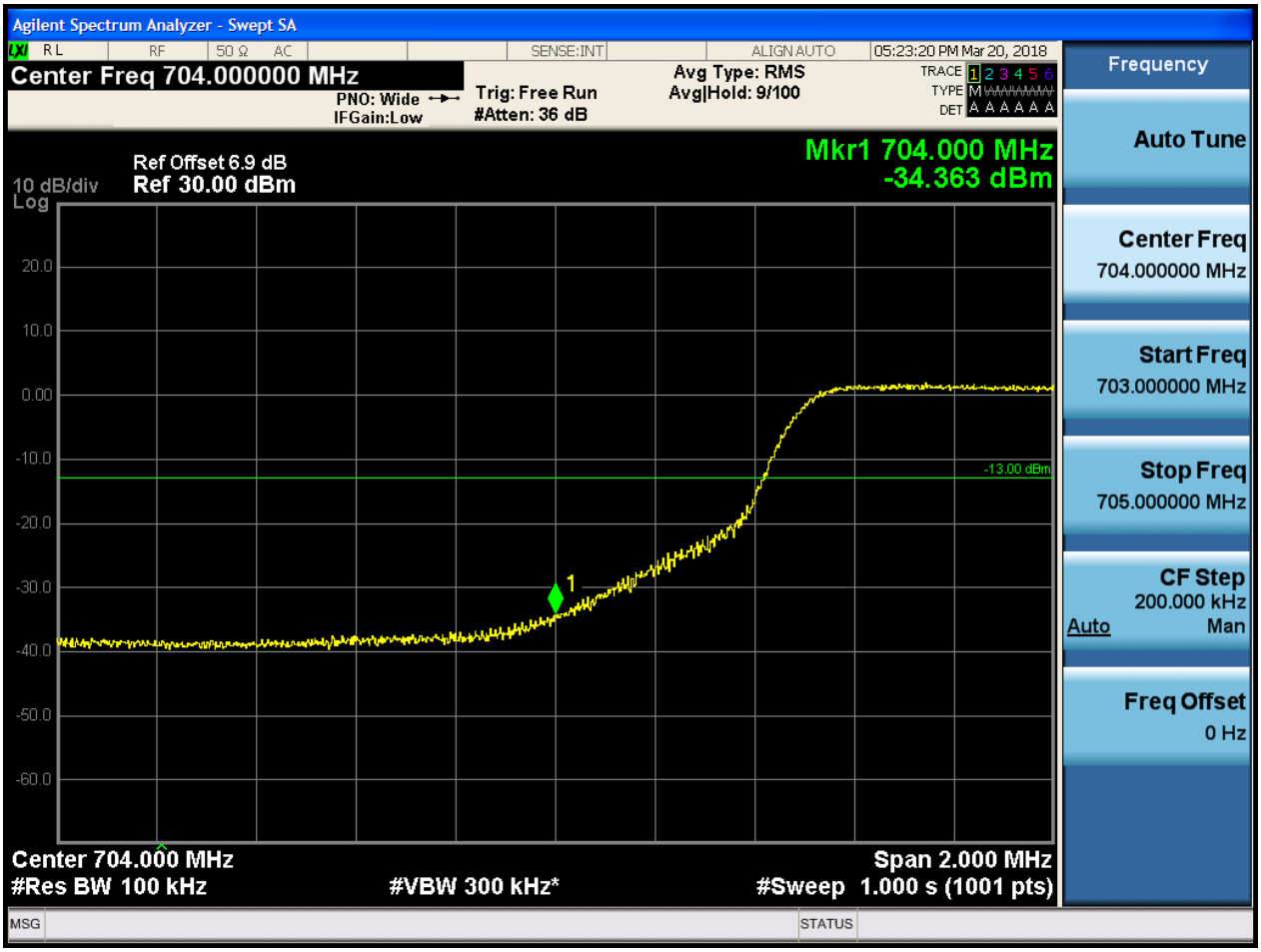
5.1.1.2.2.1.2 Test RB = RB1#49



5.1.1.2.2.1.3 Test RB = RB25#13



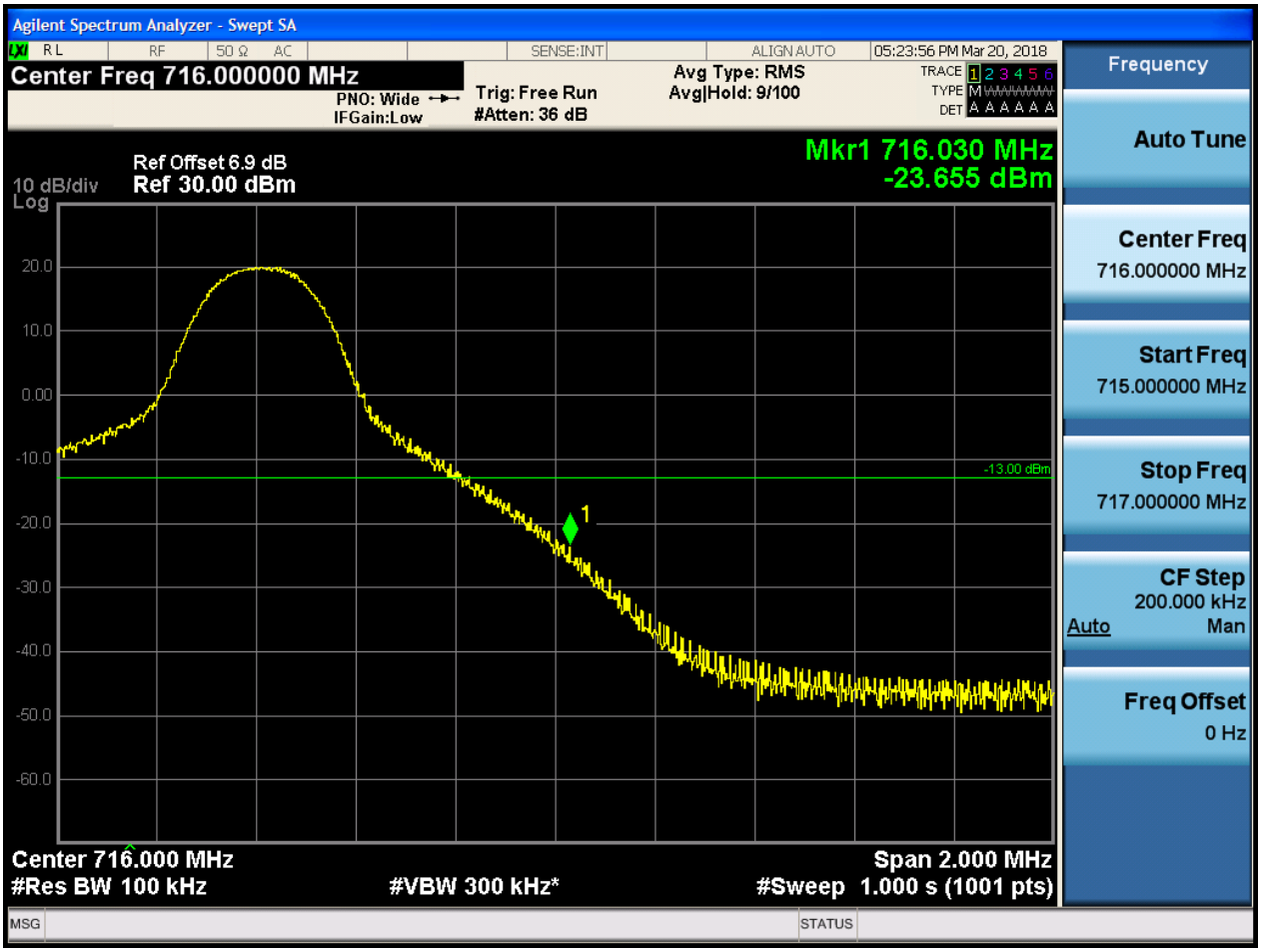
5.1.1.2.2.1.4 Test RB = RB50#0



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

5.1.1.2.2.4 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

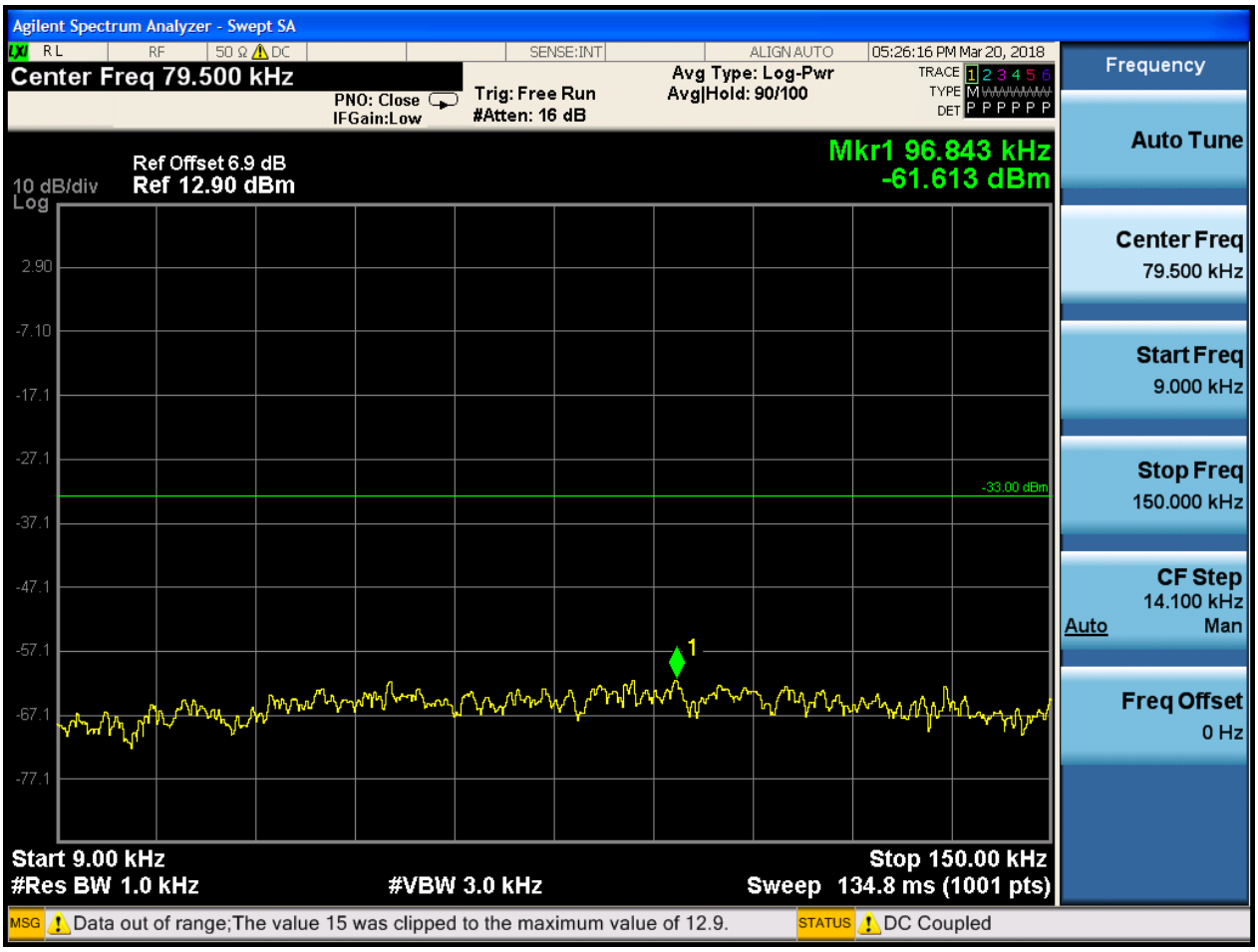
6.1.1 Test Band = BAND17

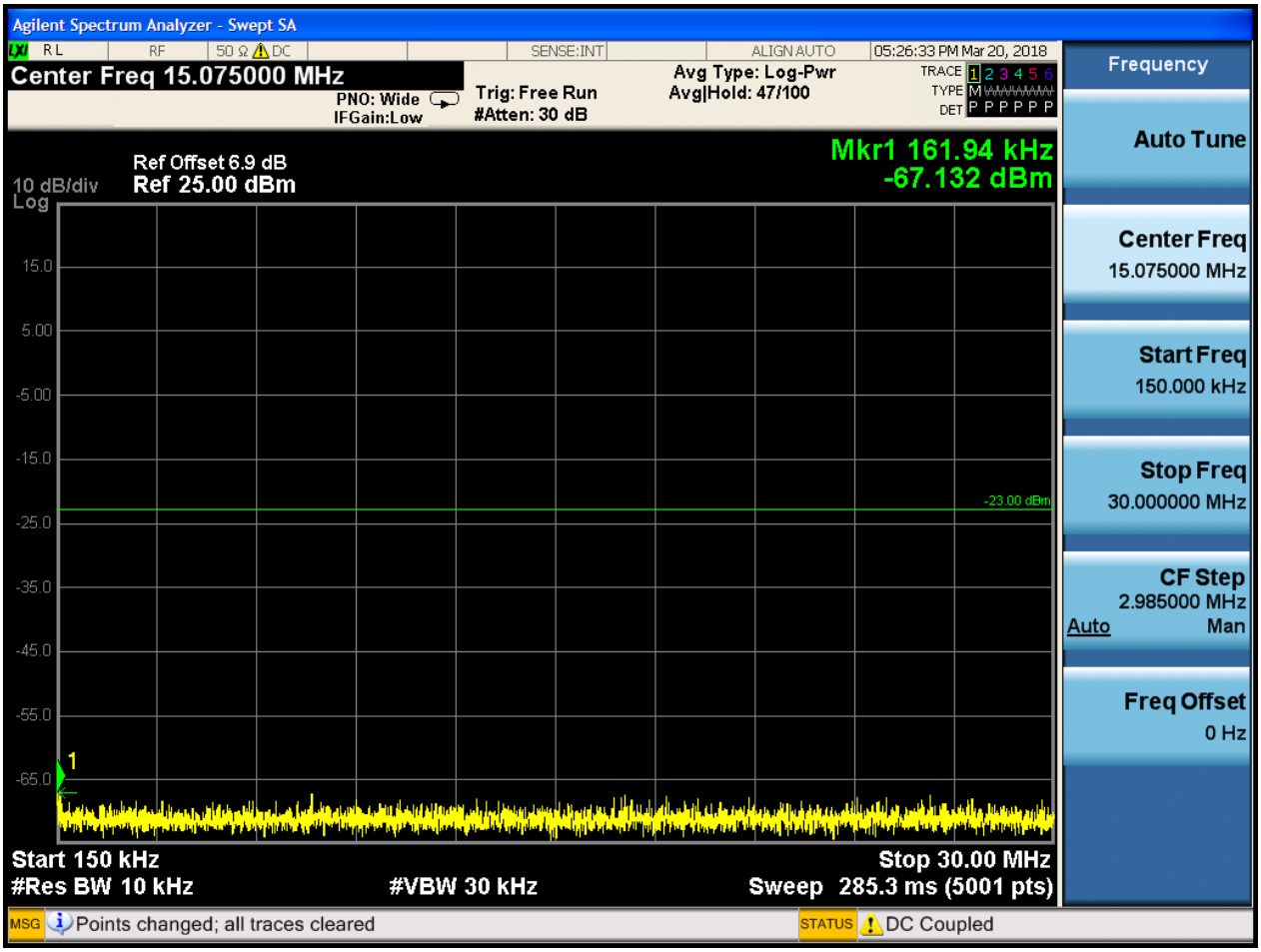
6.1.1.1 Test Mode = LTE/TM1

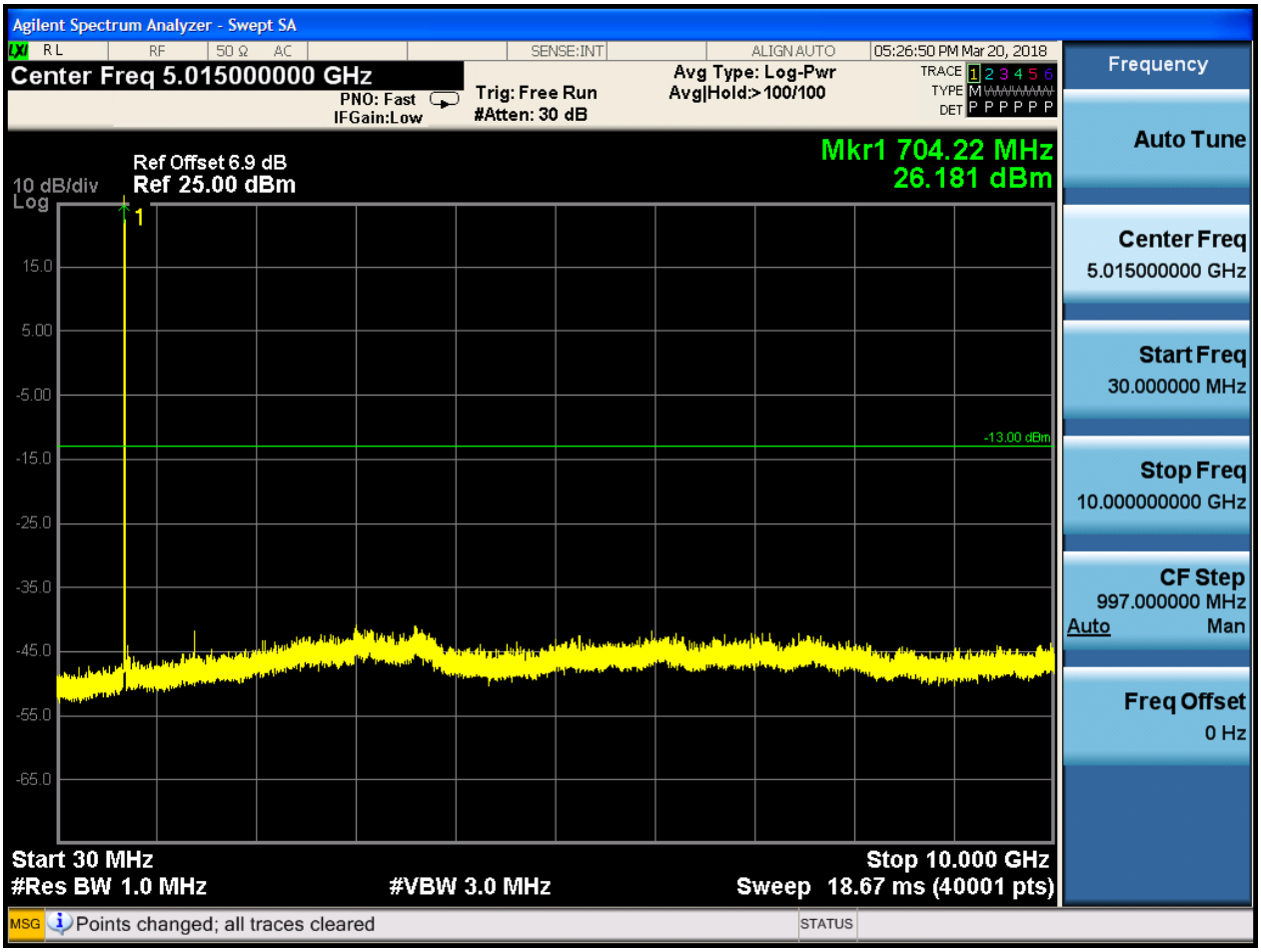
6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

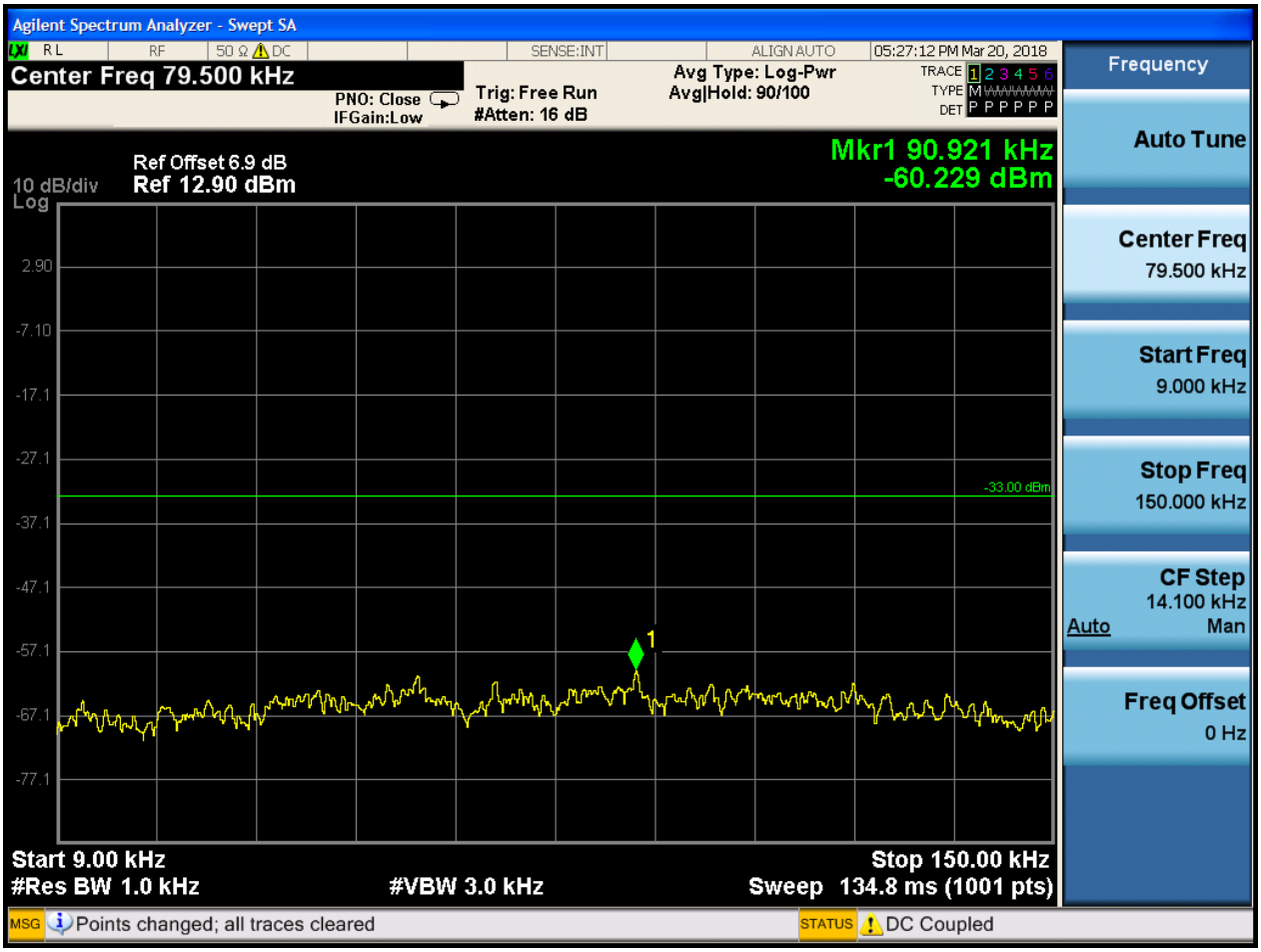


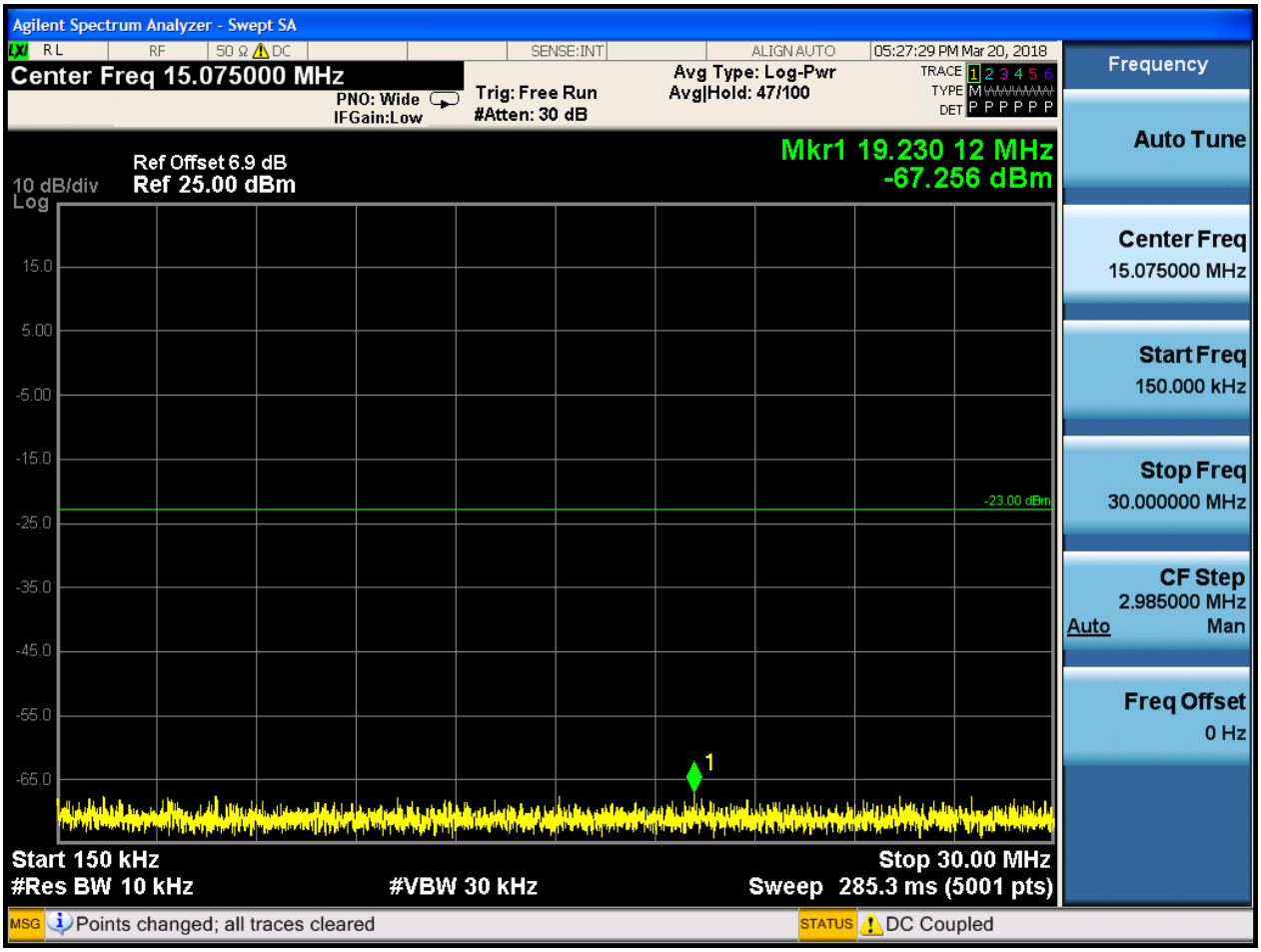


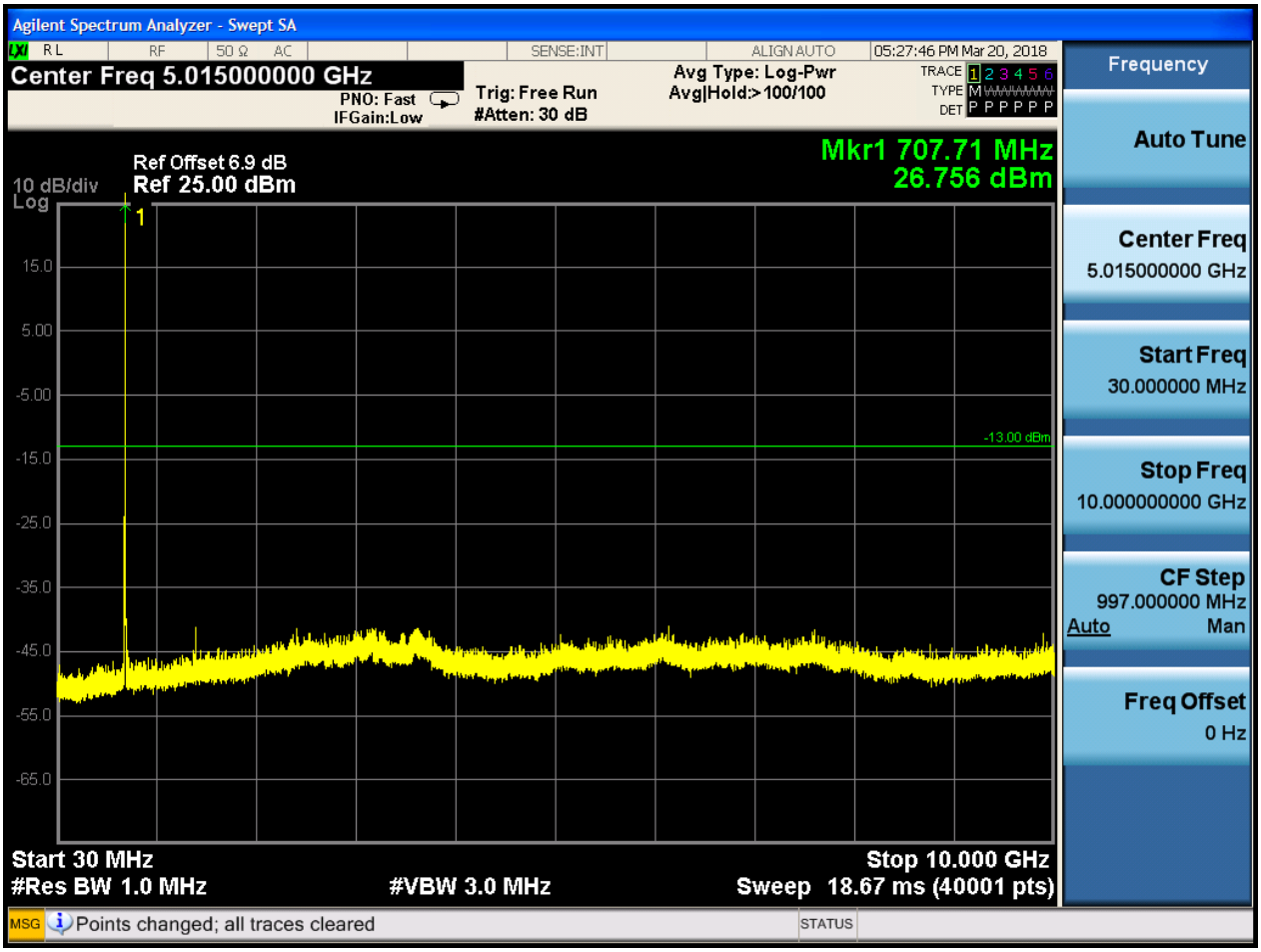


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

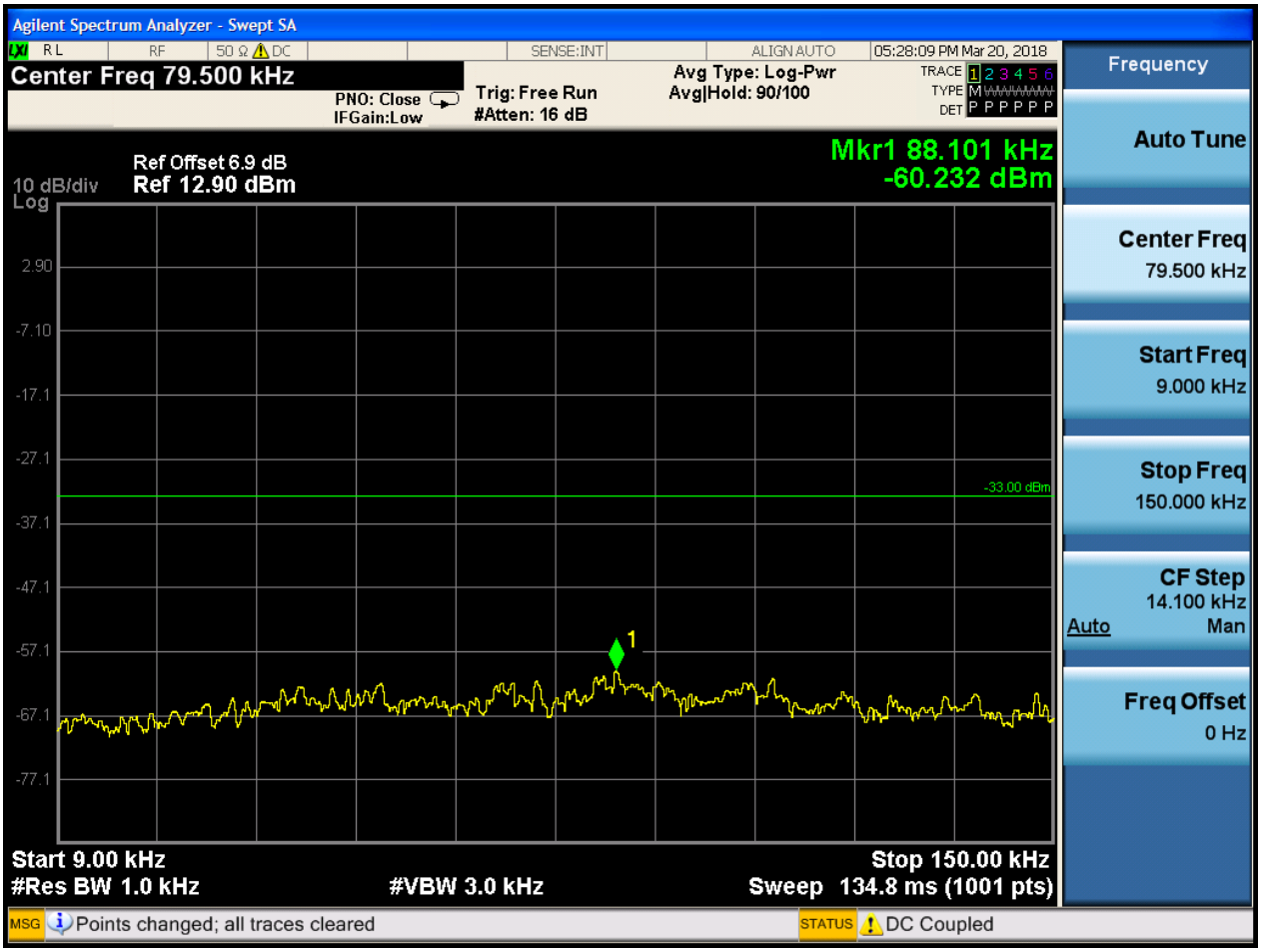


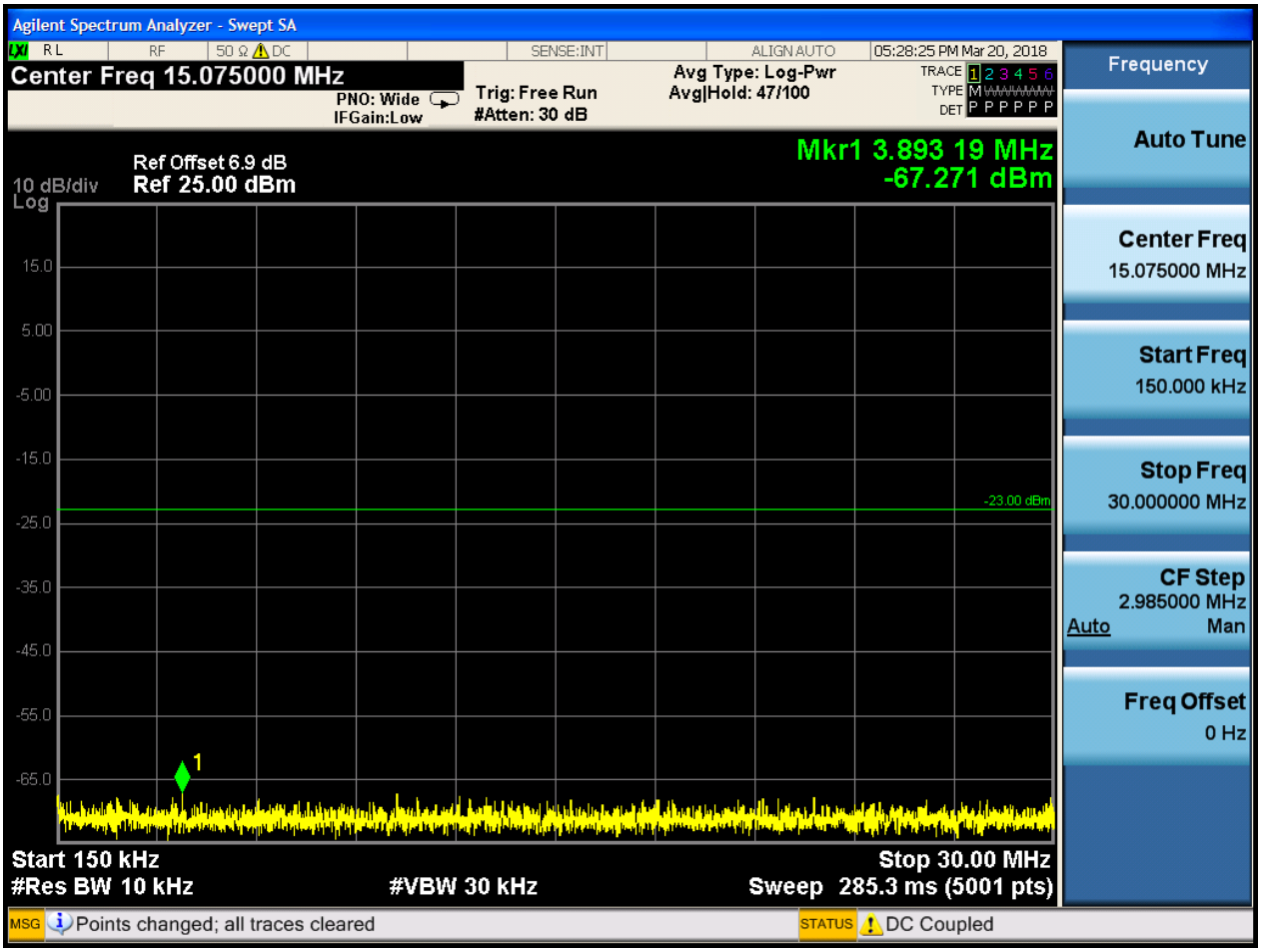


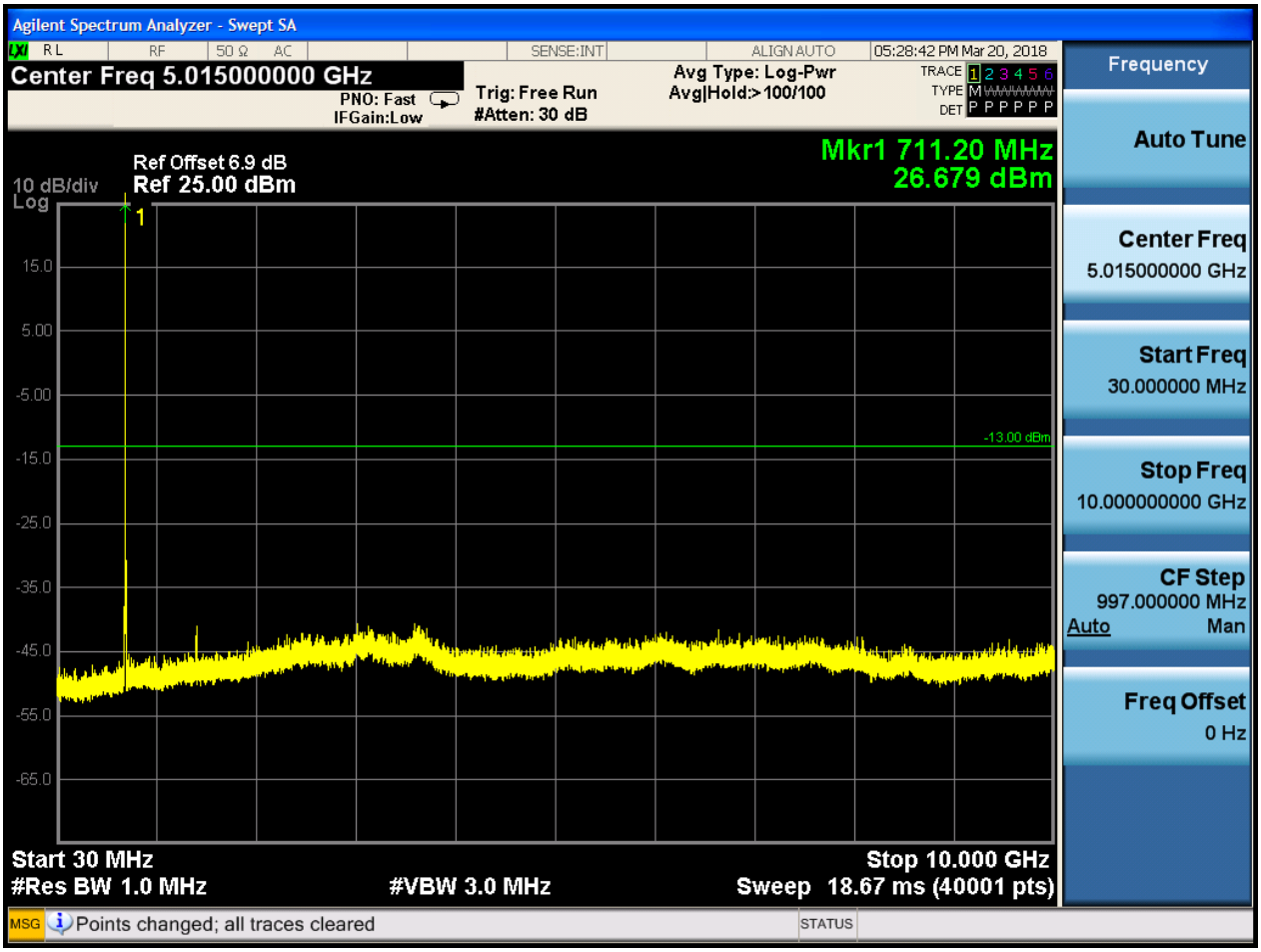


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0



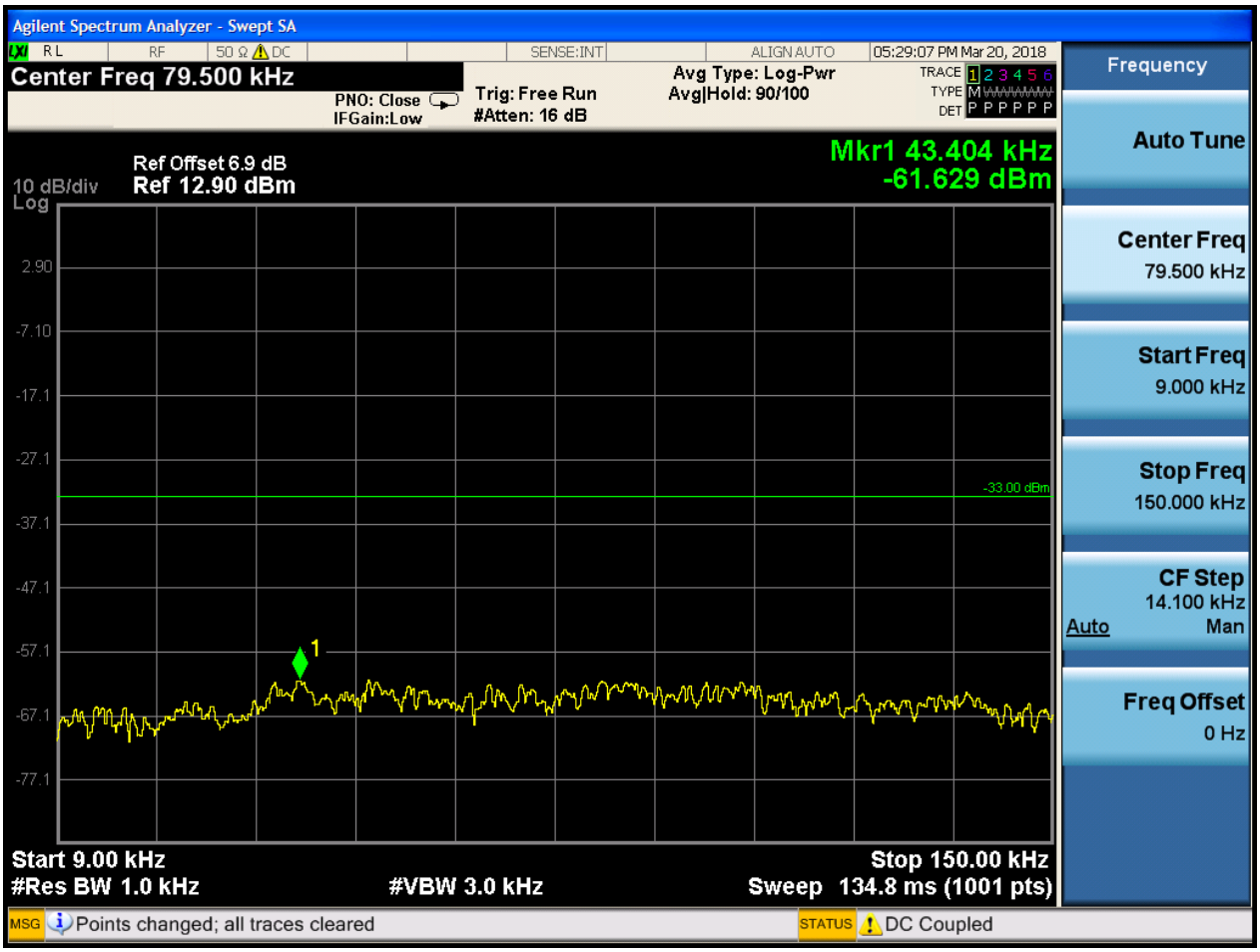


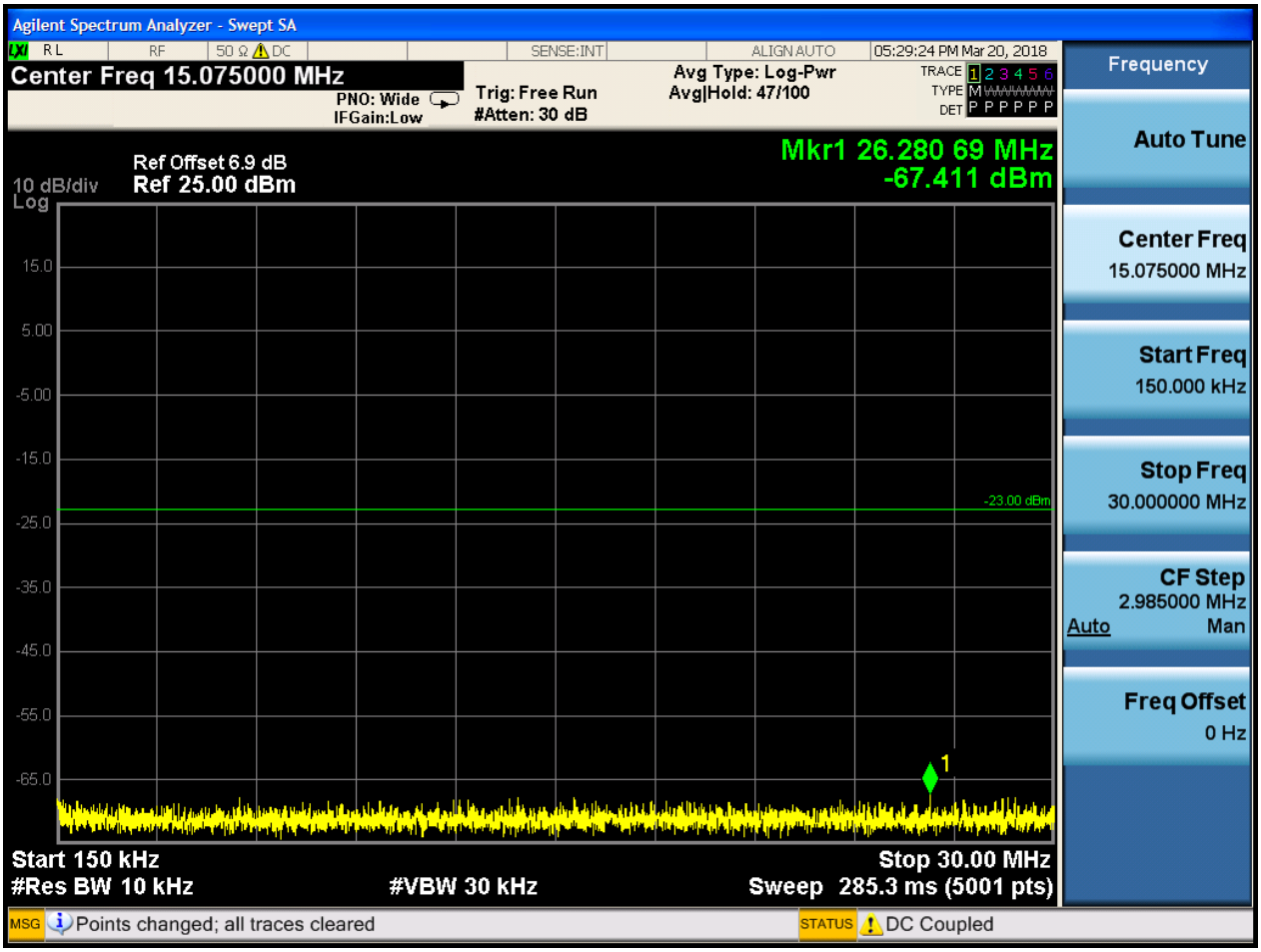


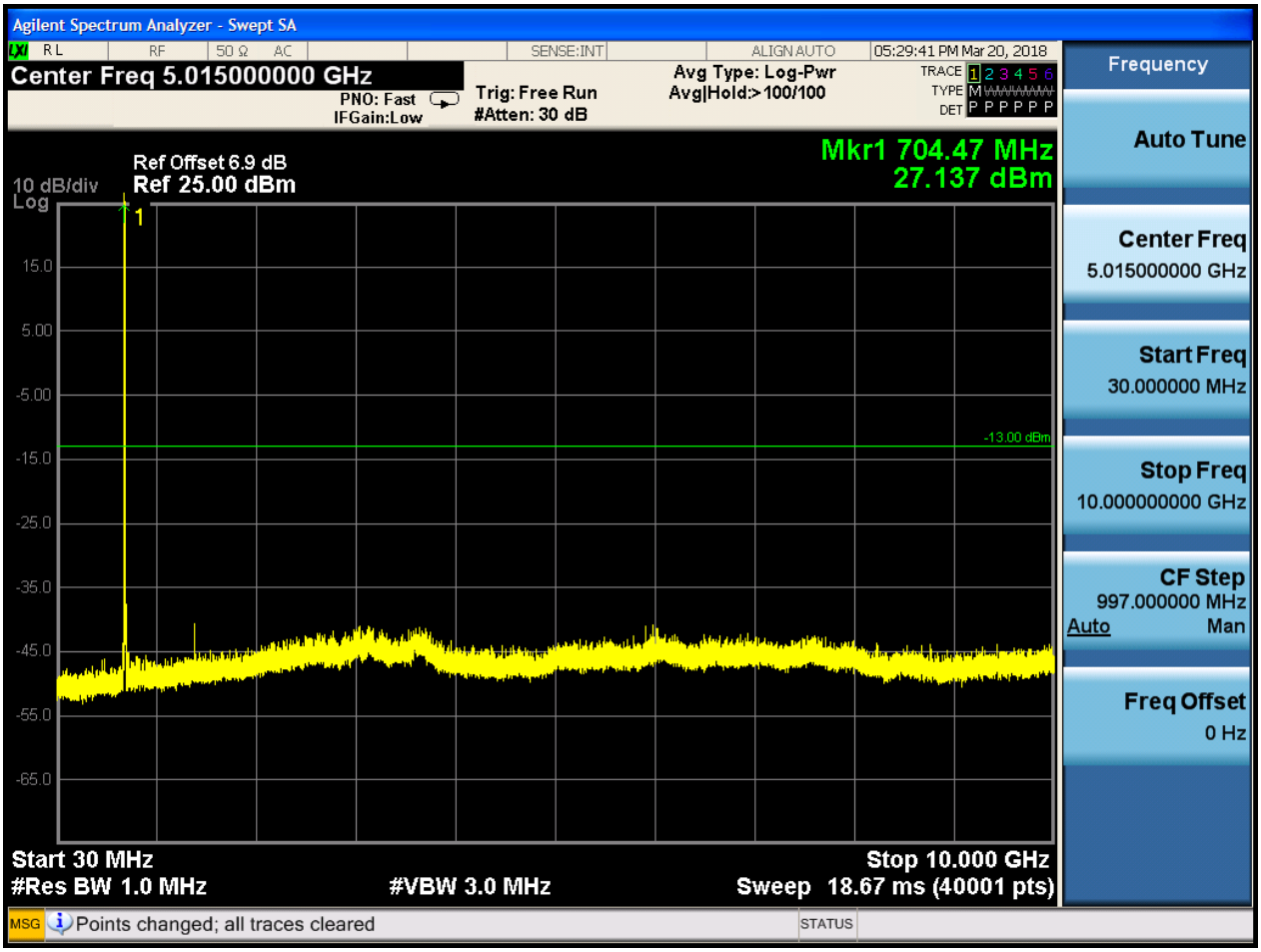
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0

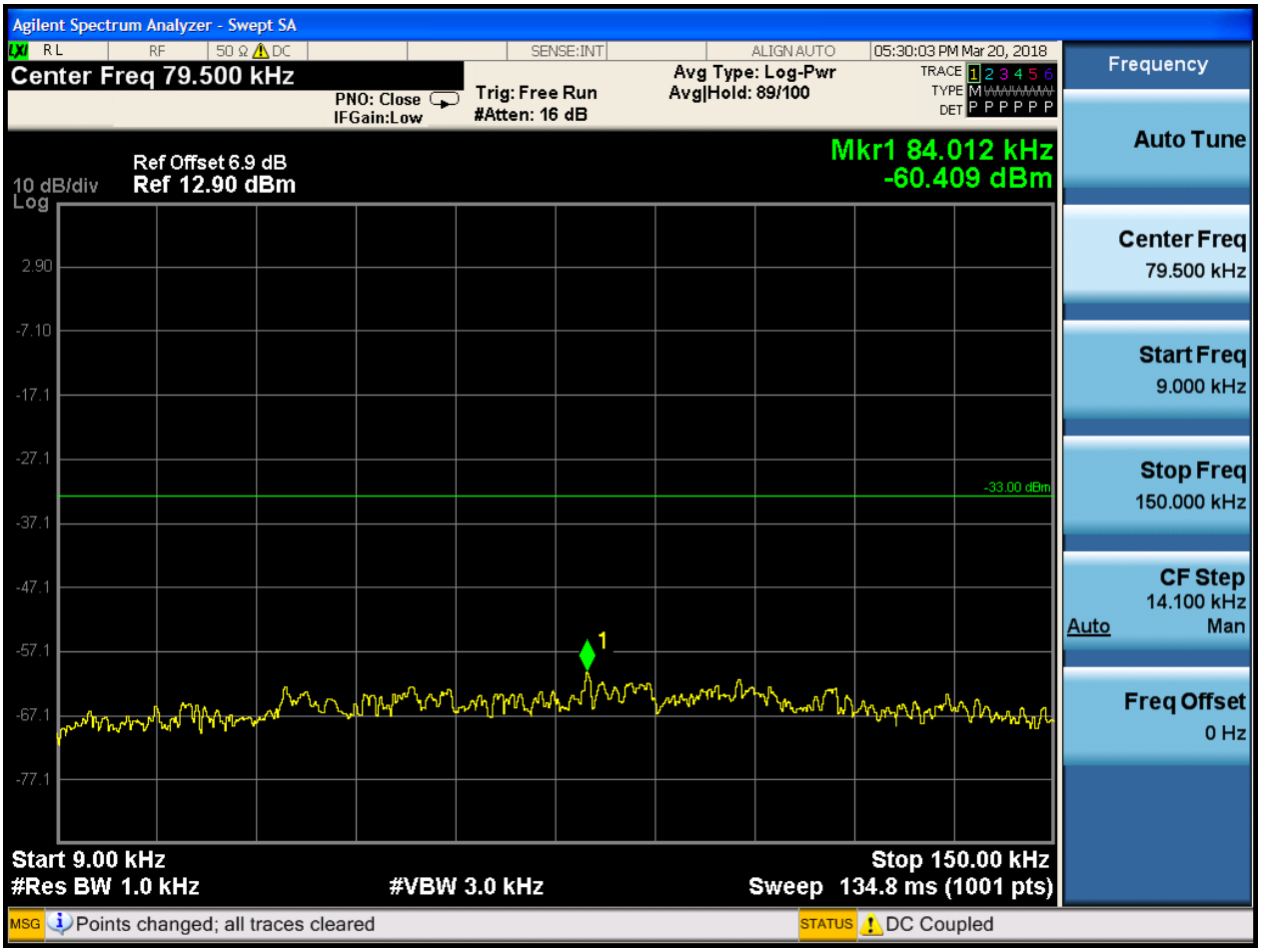


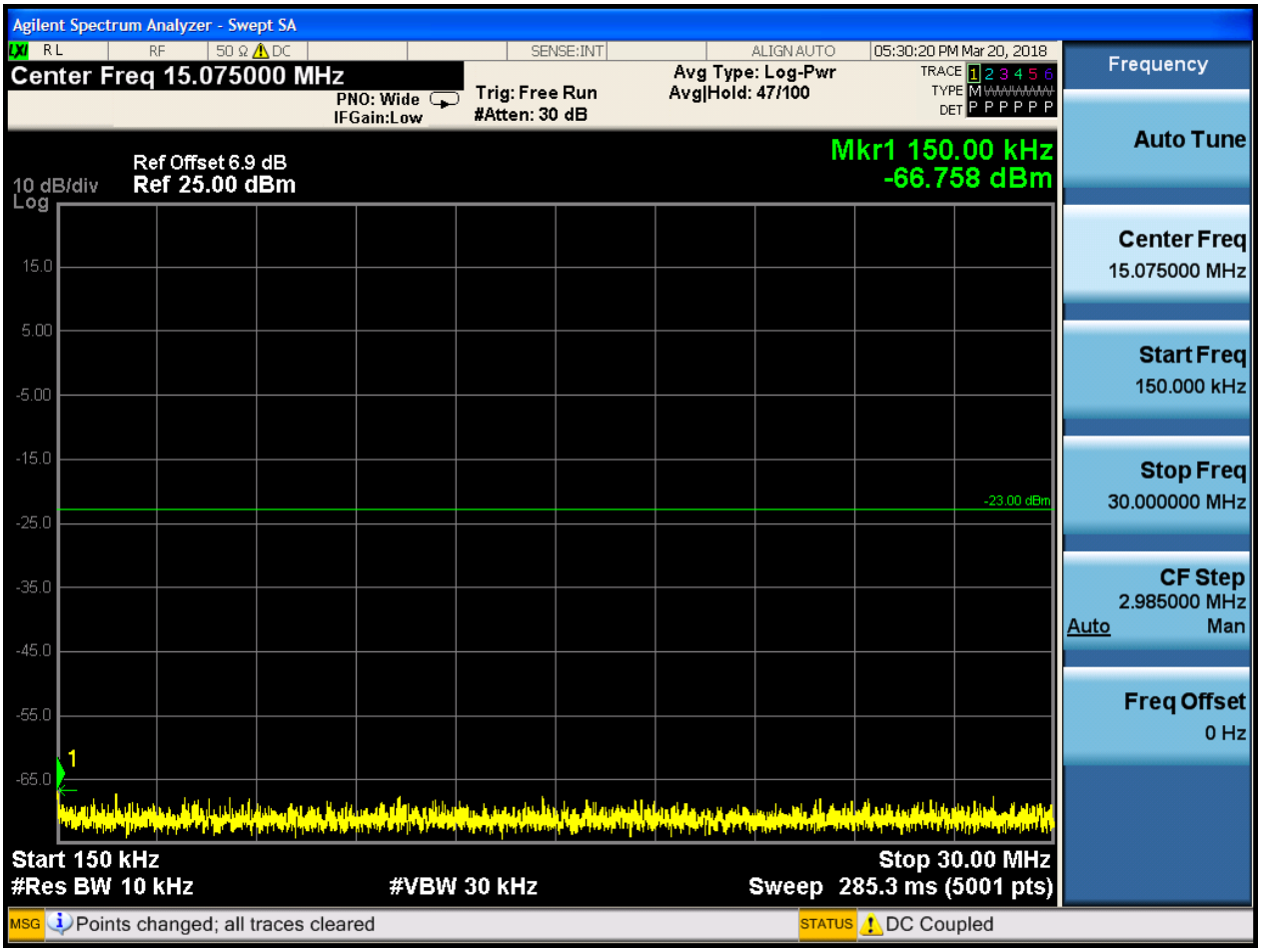


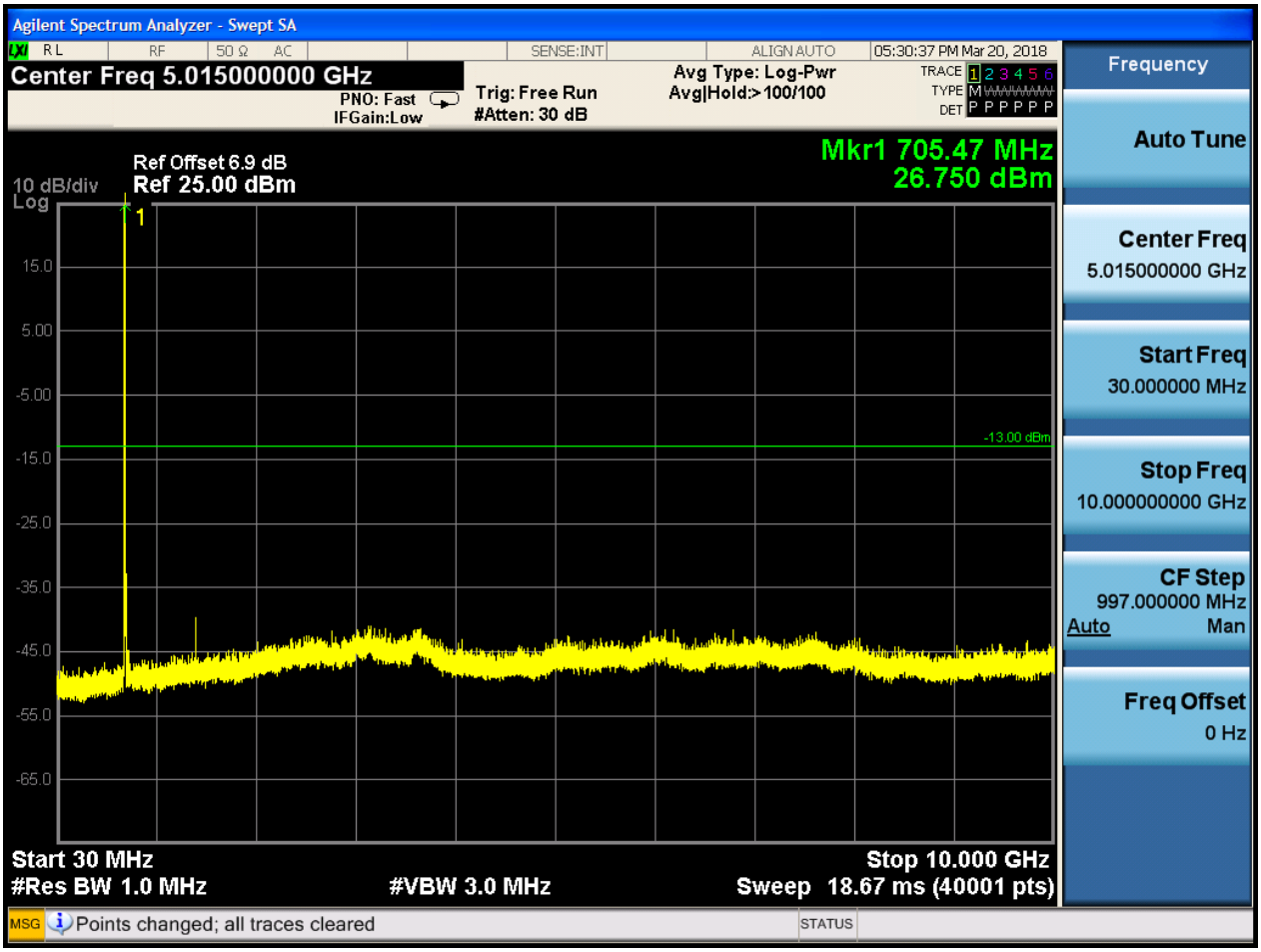


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

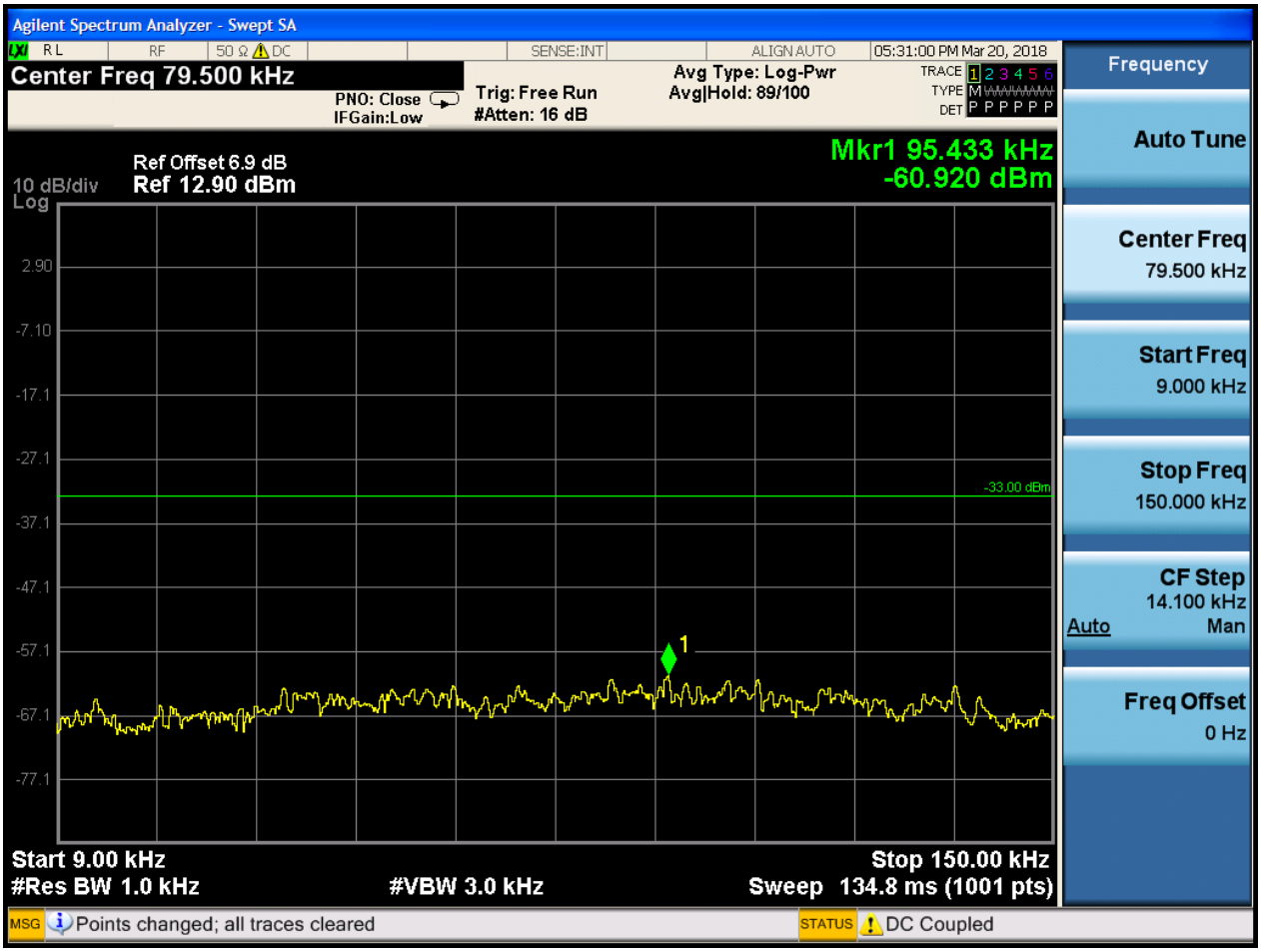


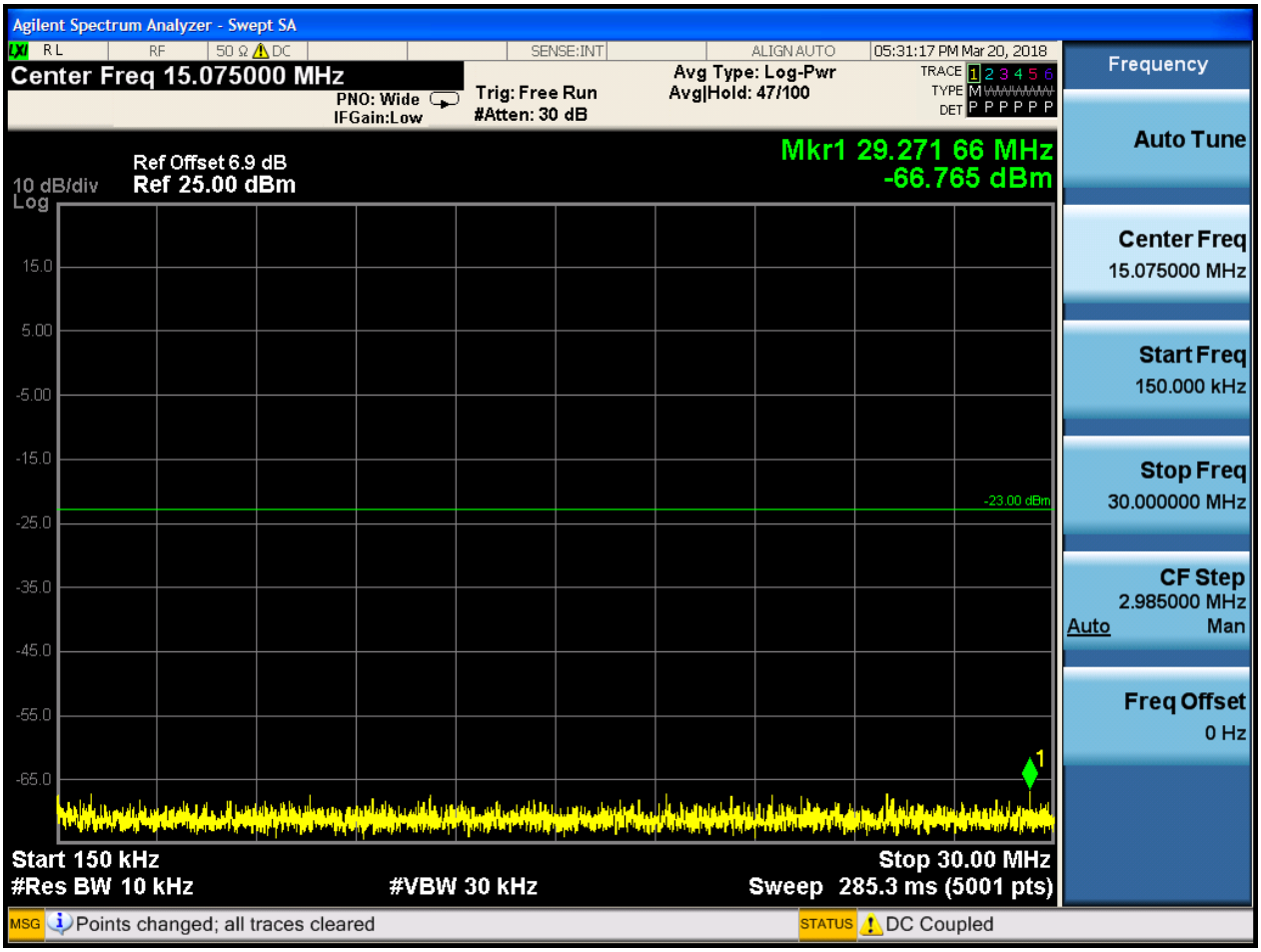


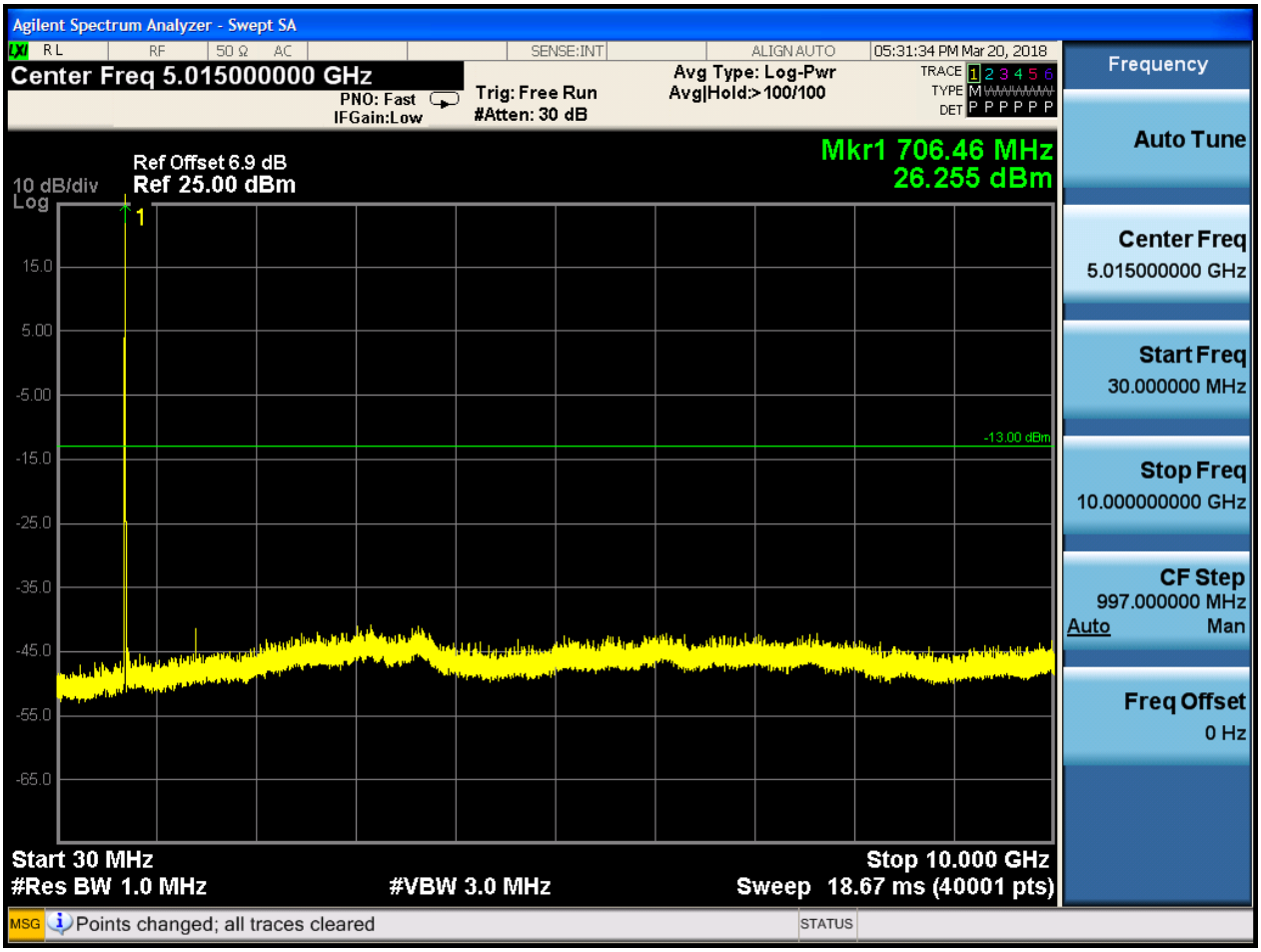


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0





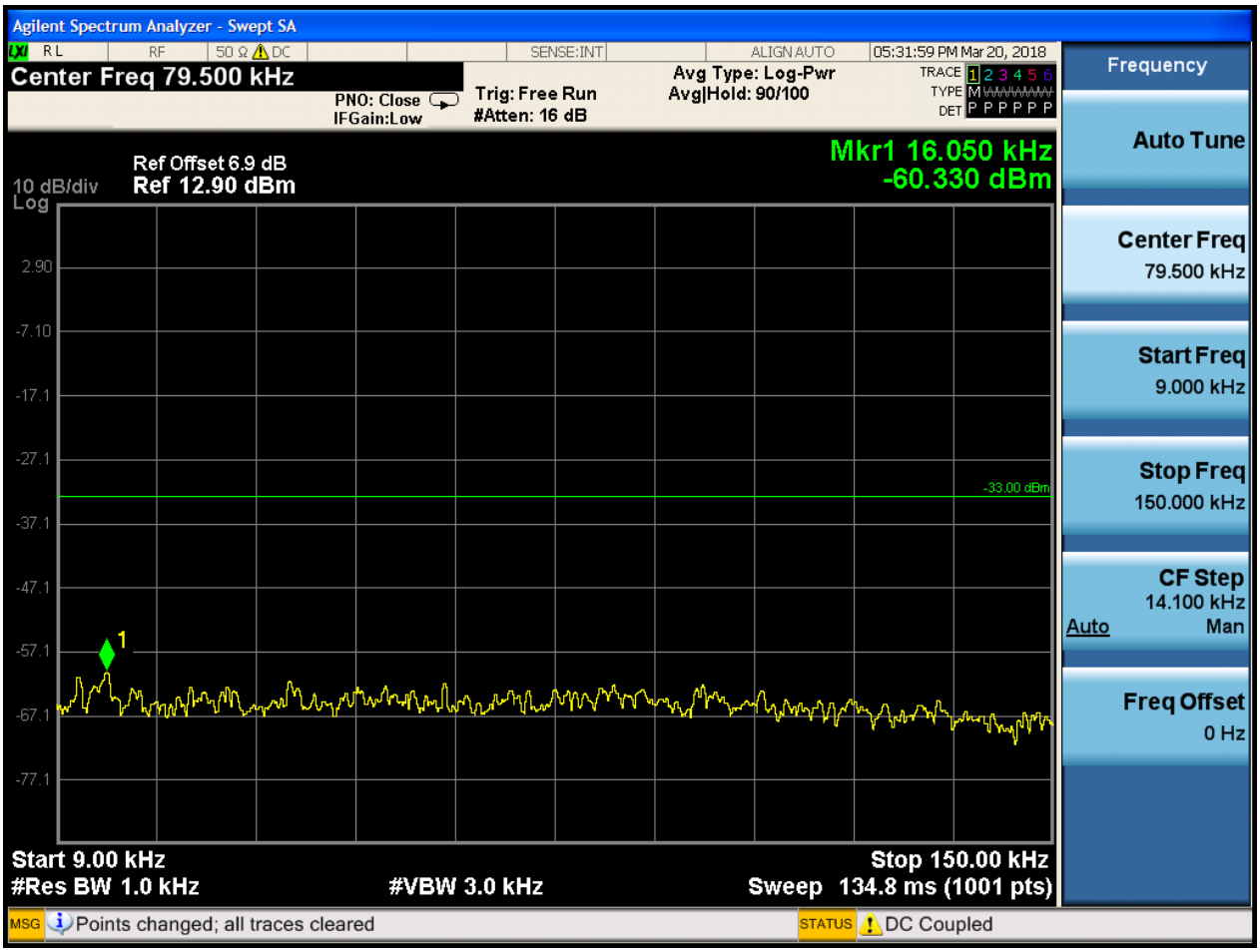


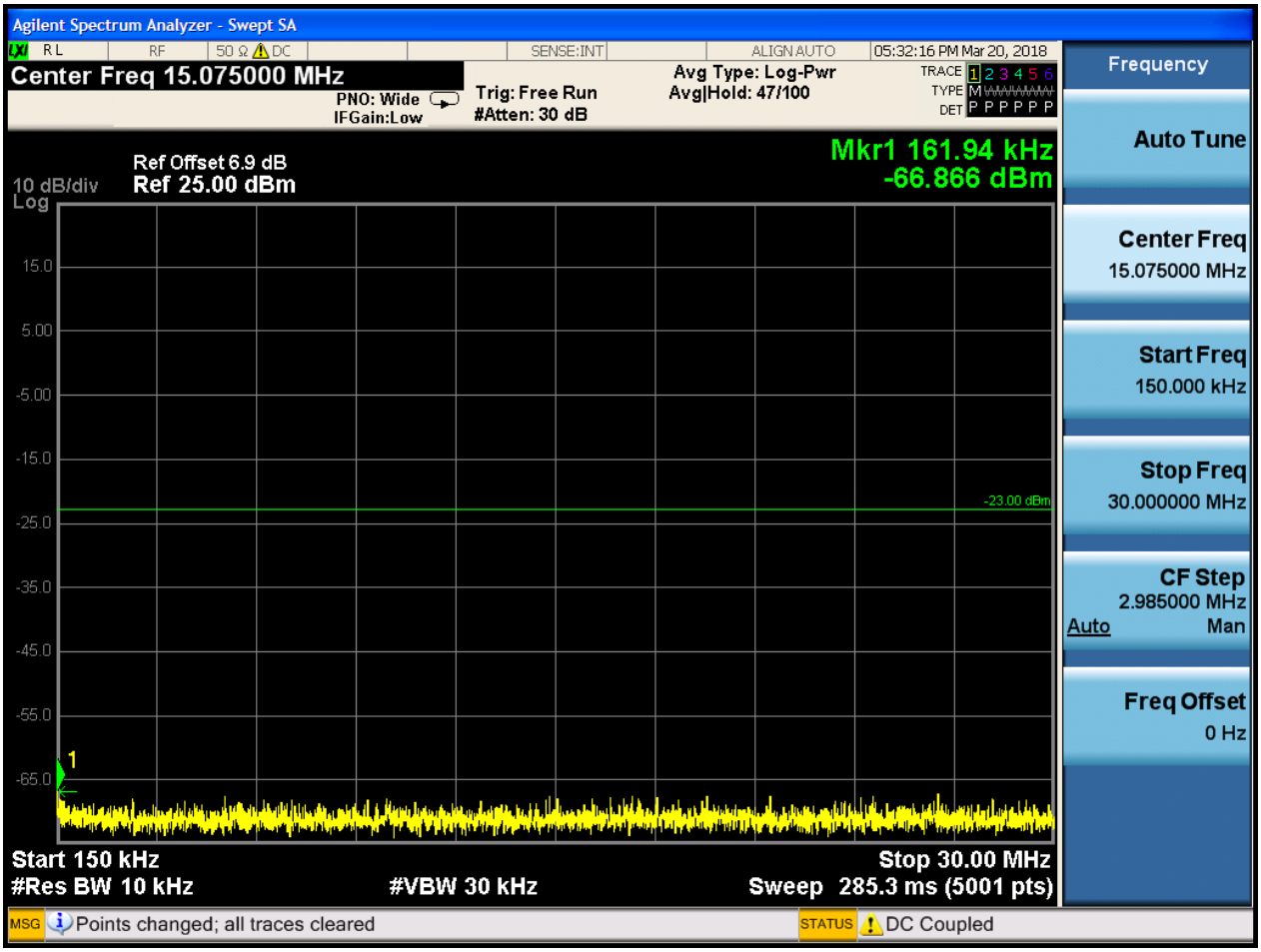
6.1.1.2 Test Mode = LTE/TM2

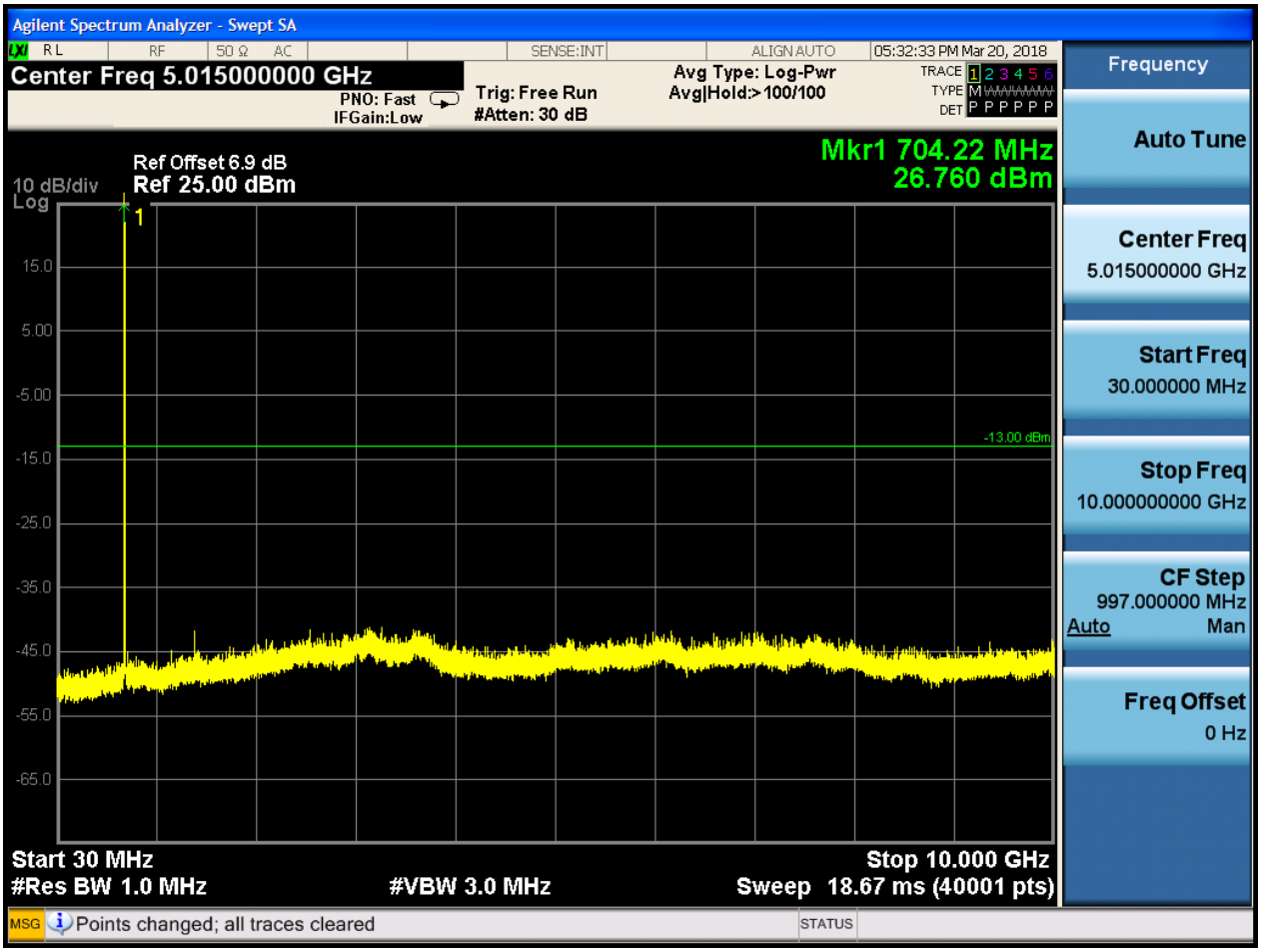
6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0

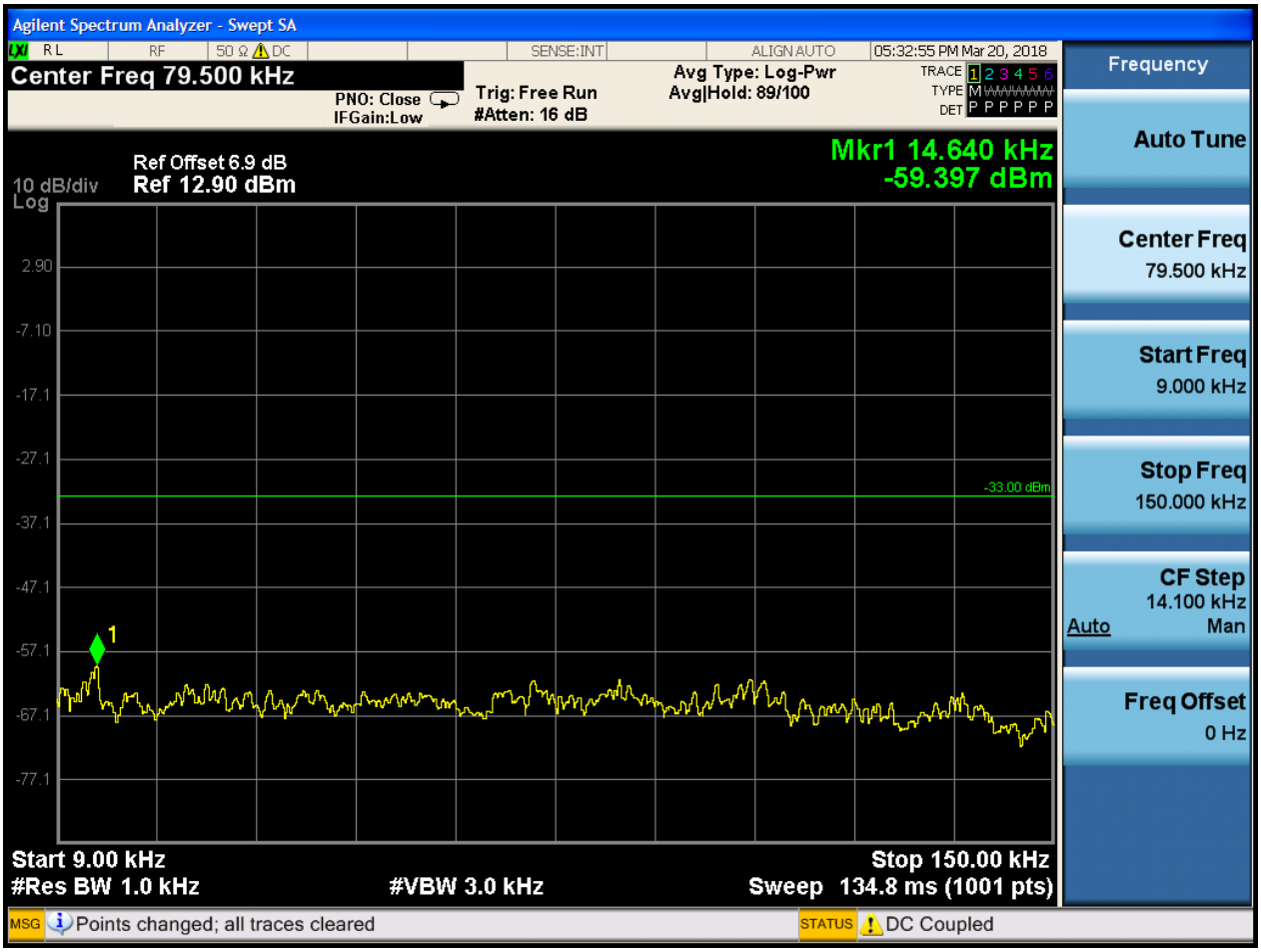


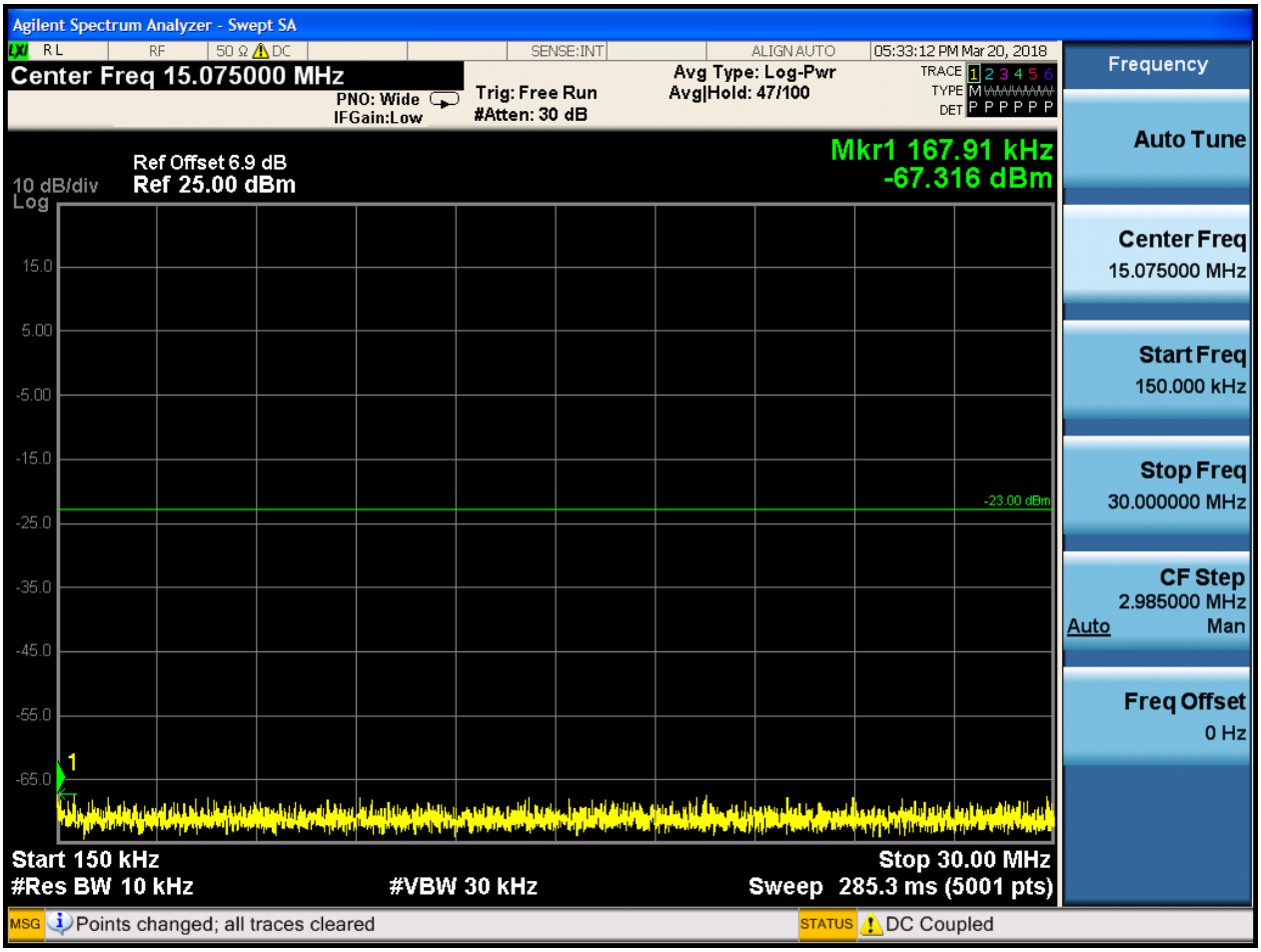


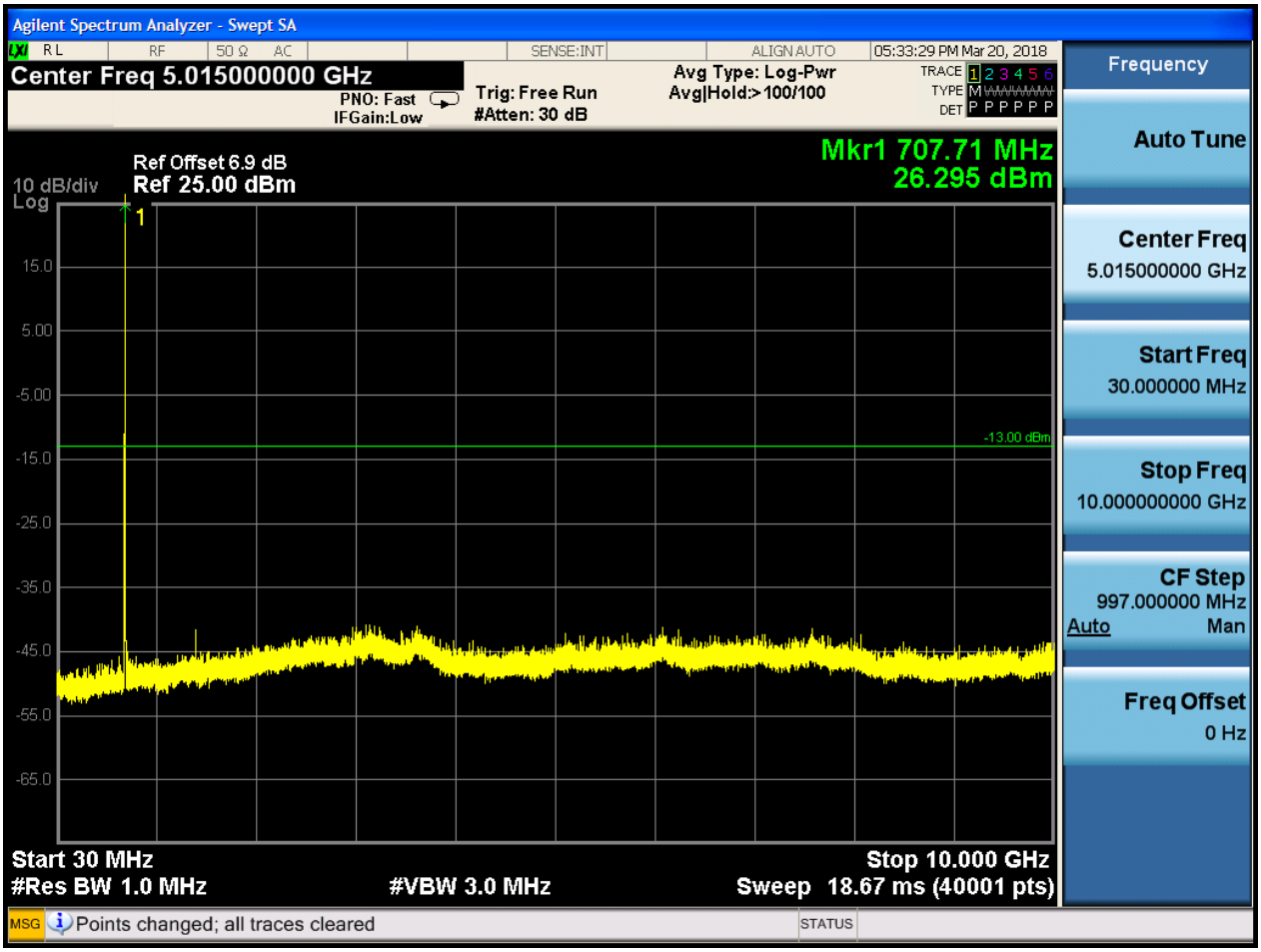


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

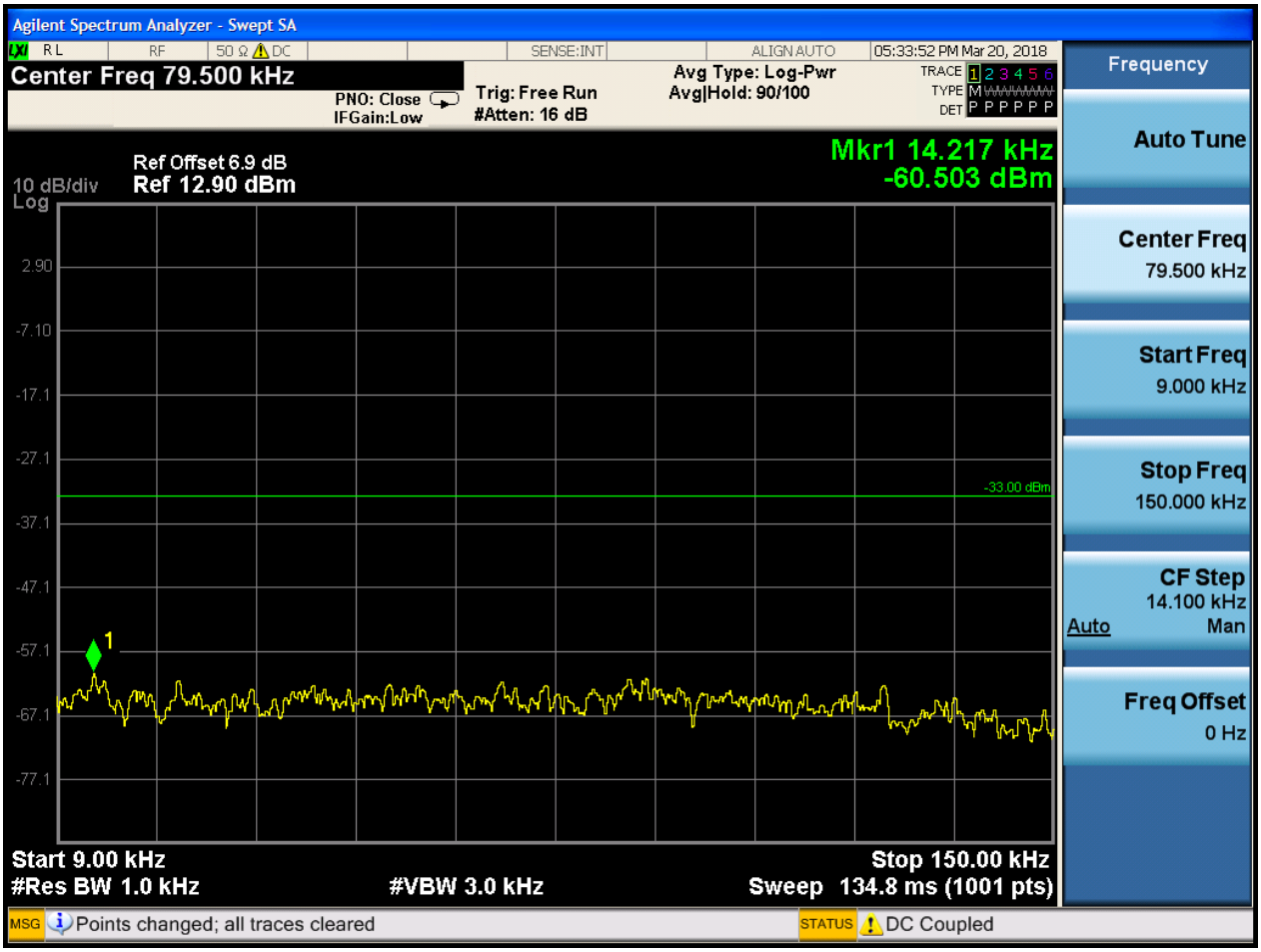


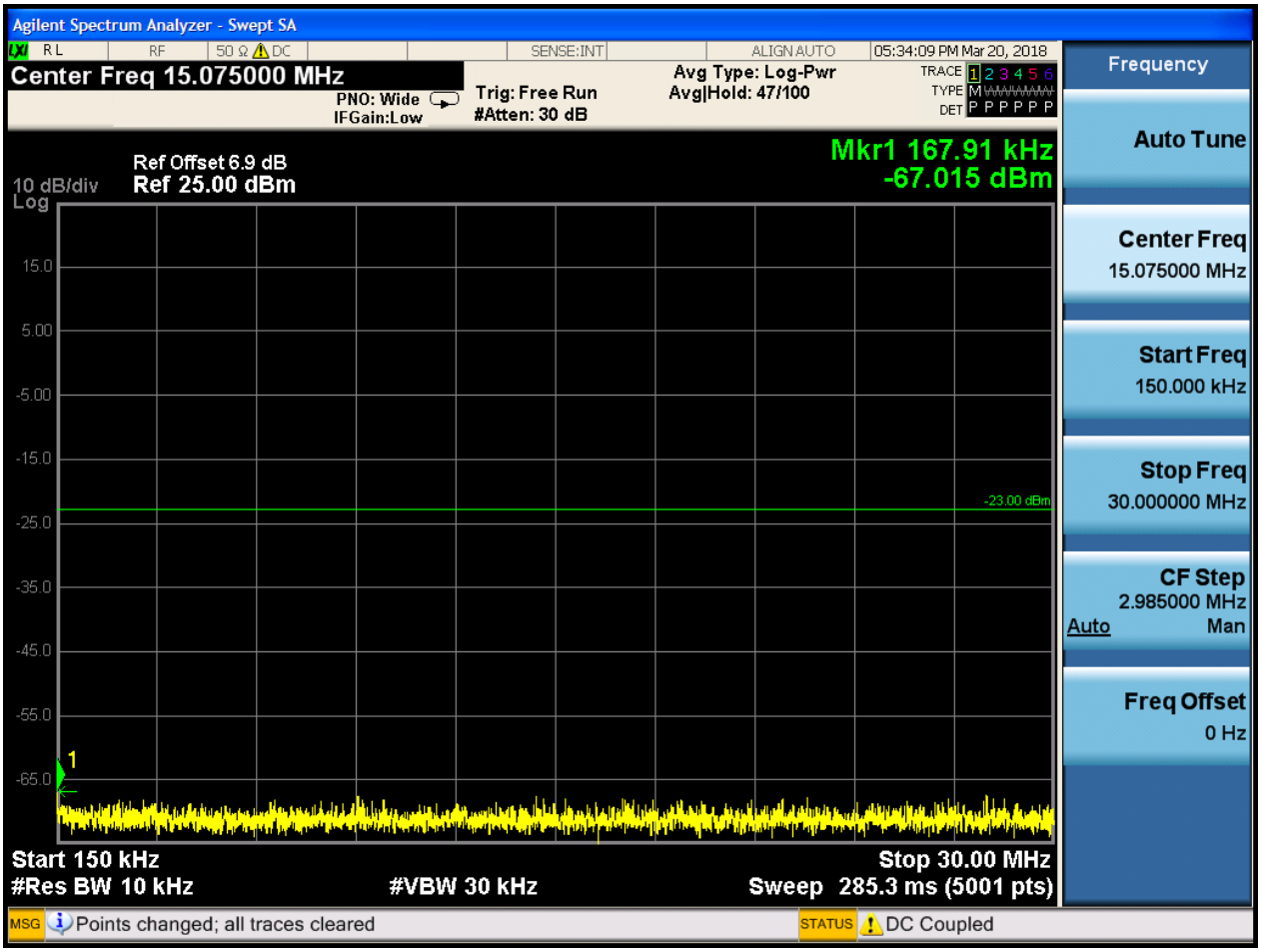


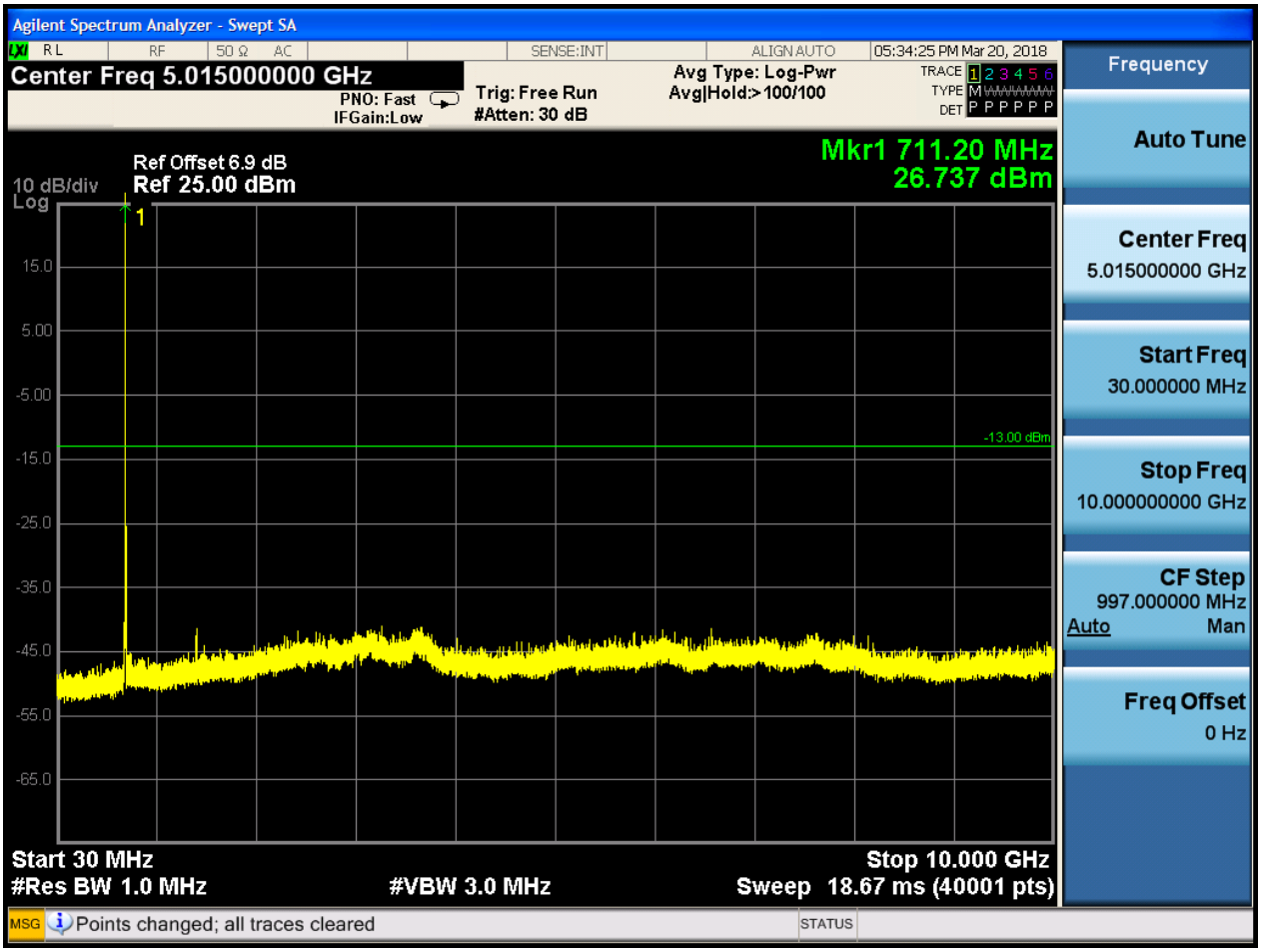


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



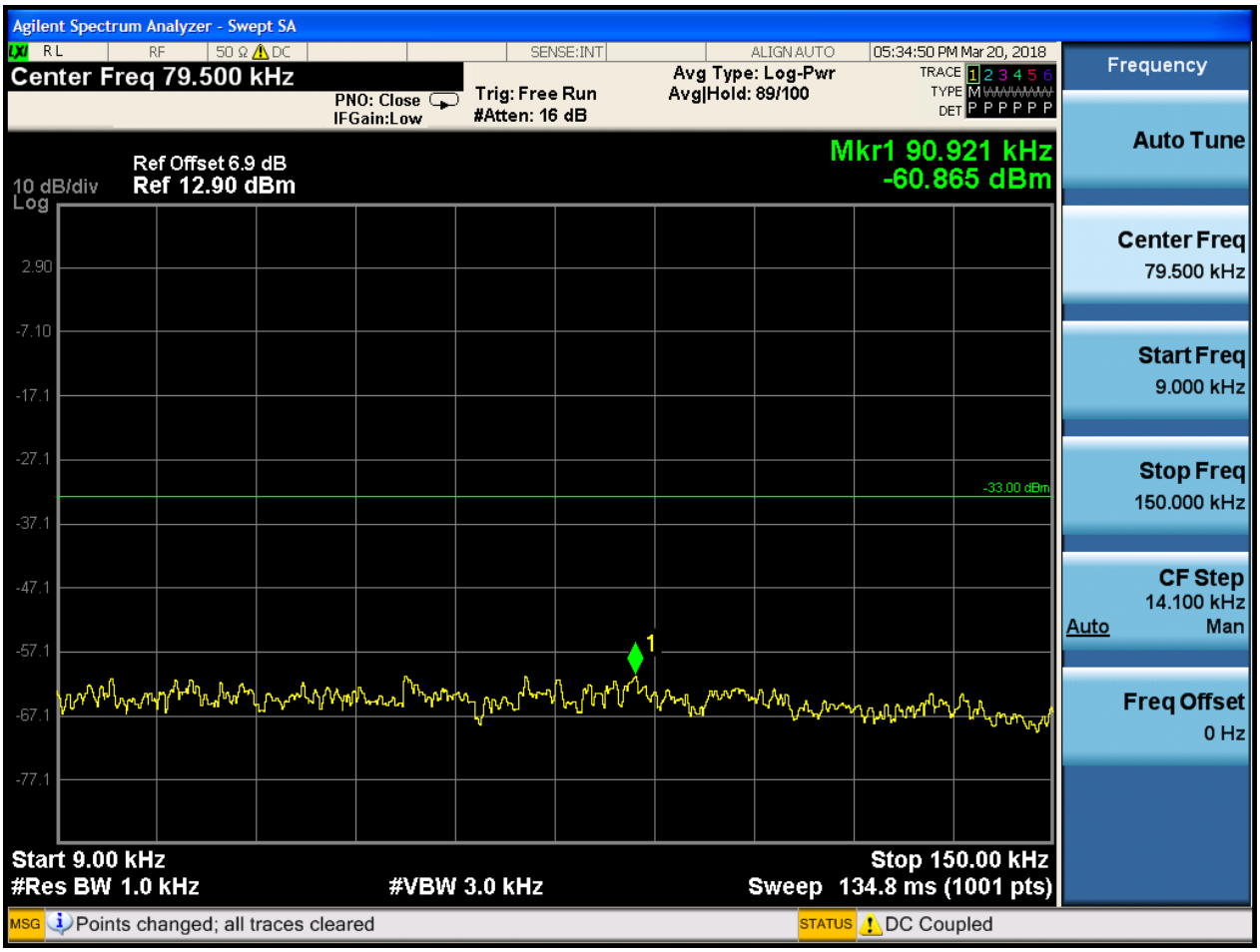


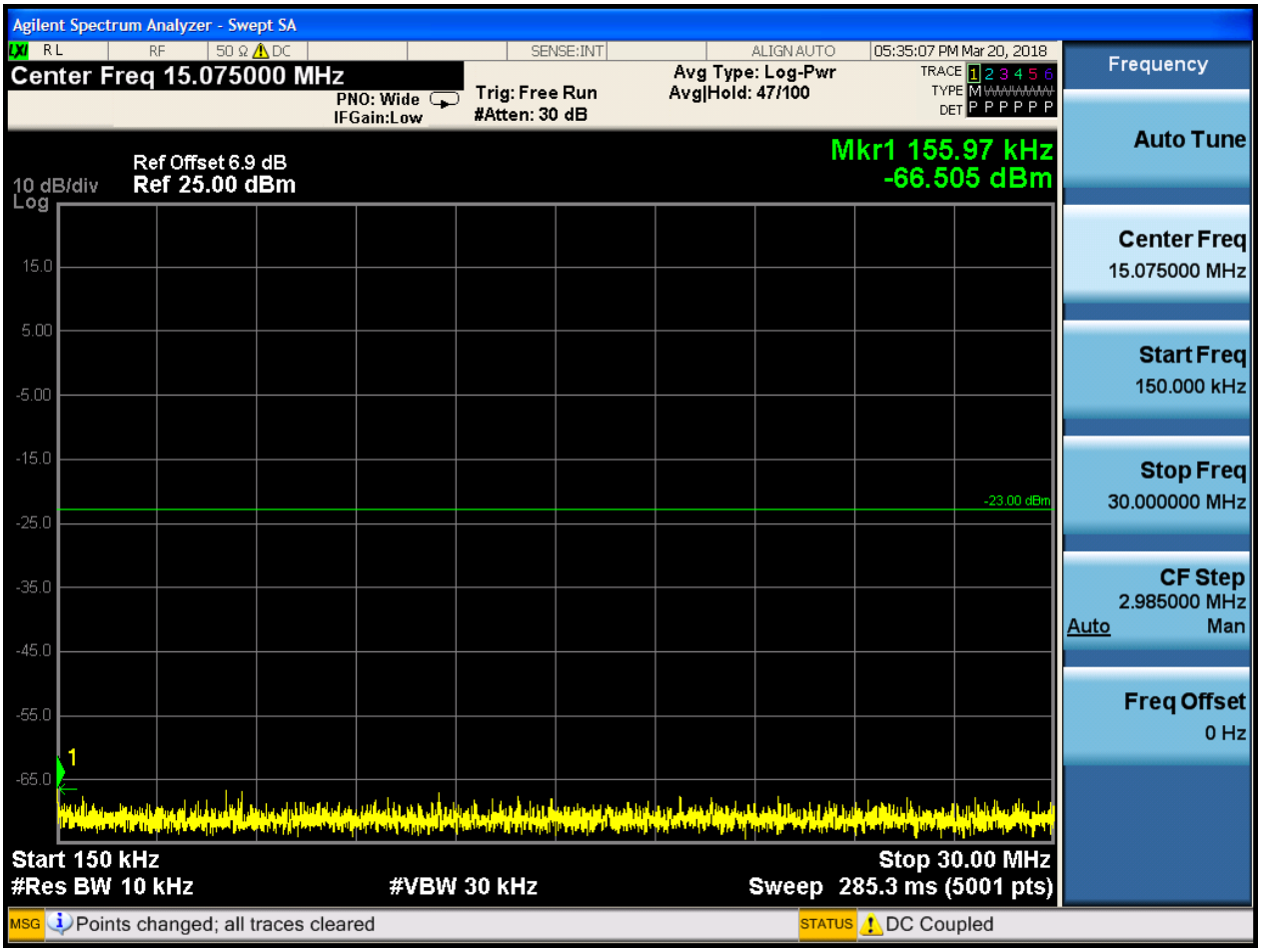


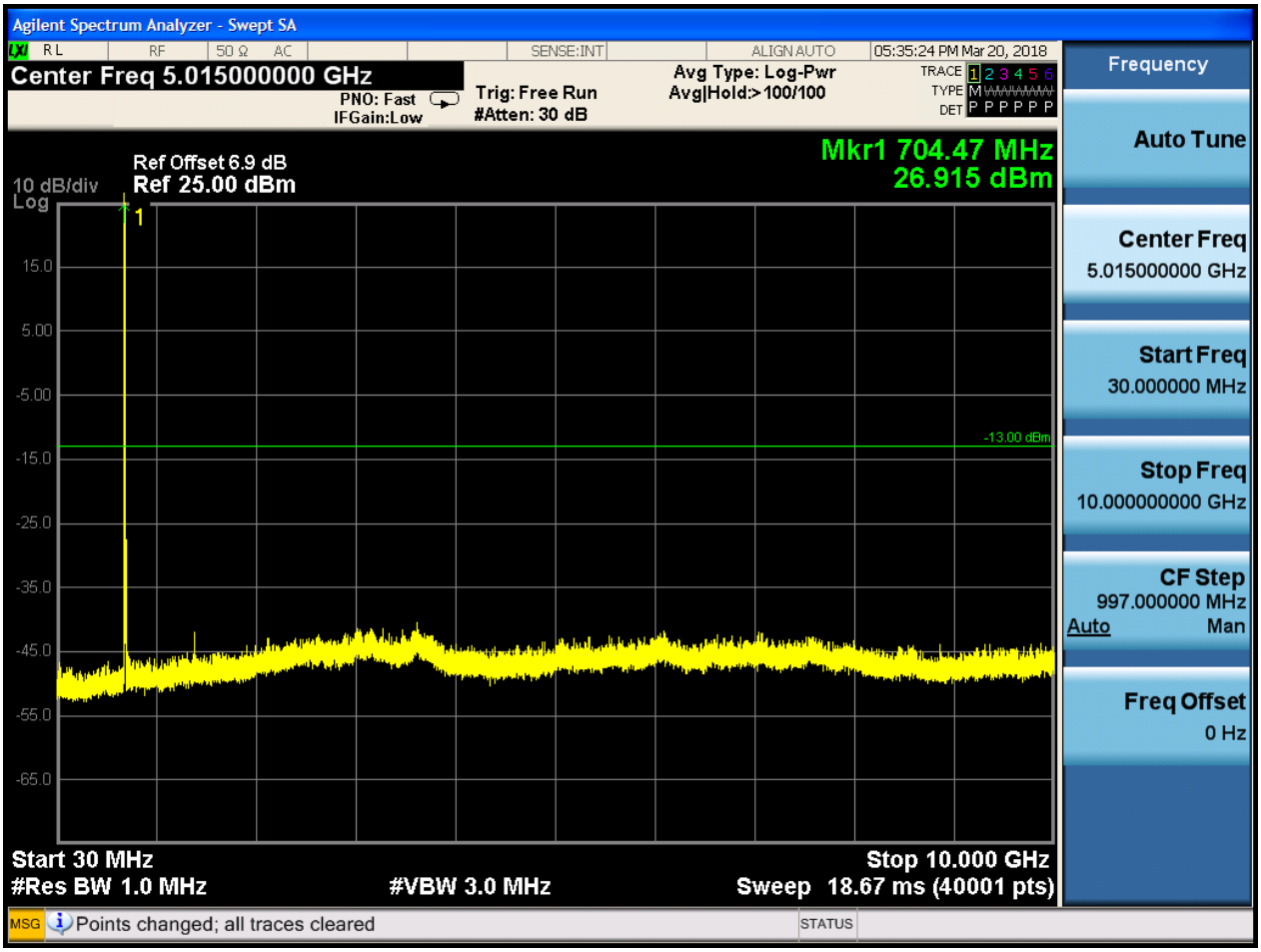
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

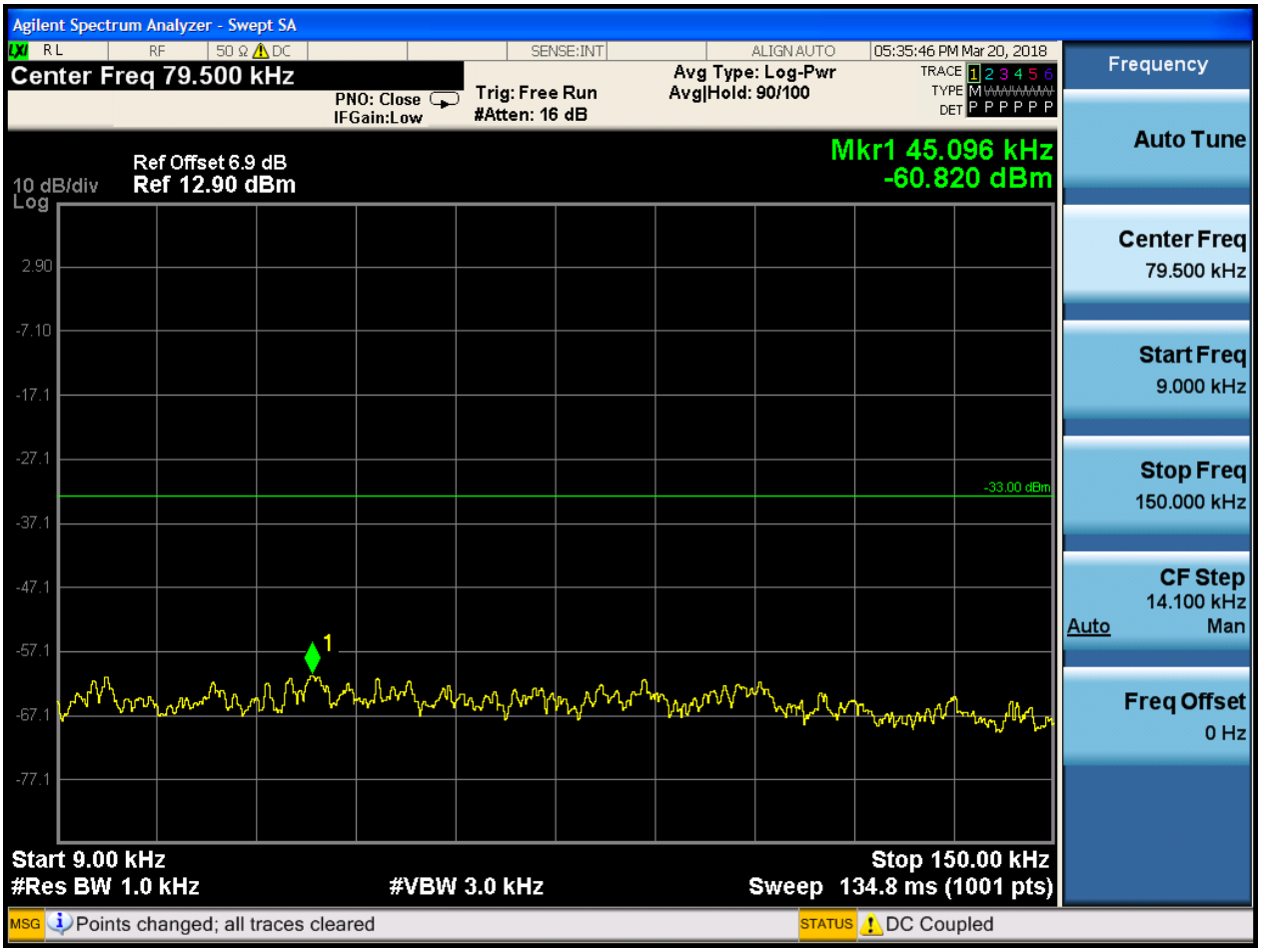


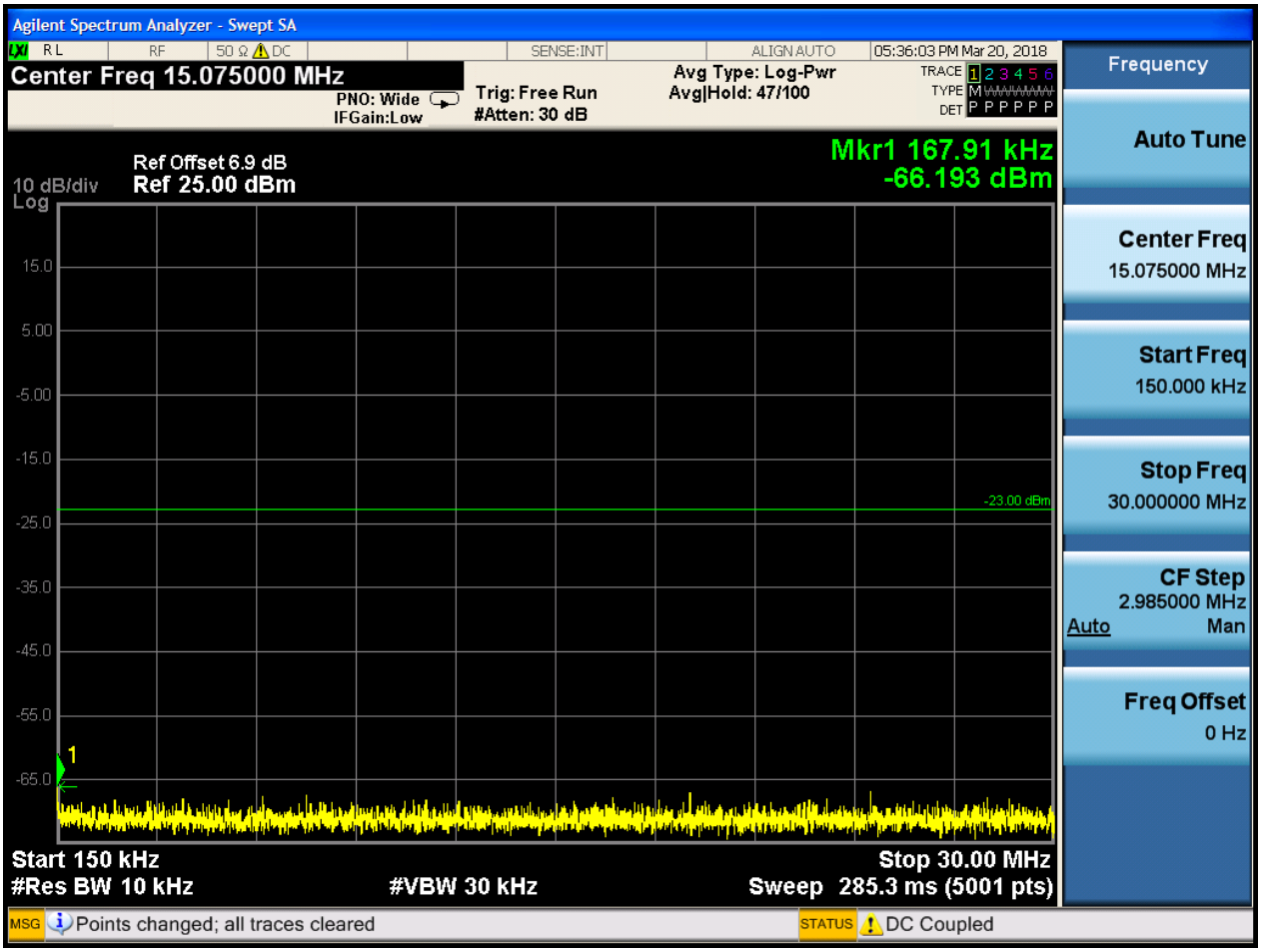


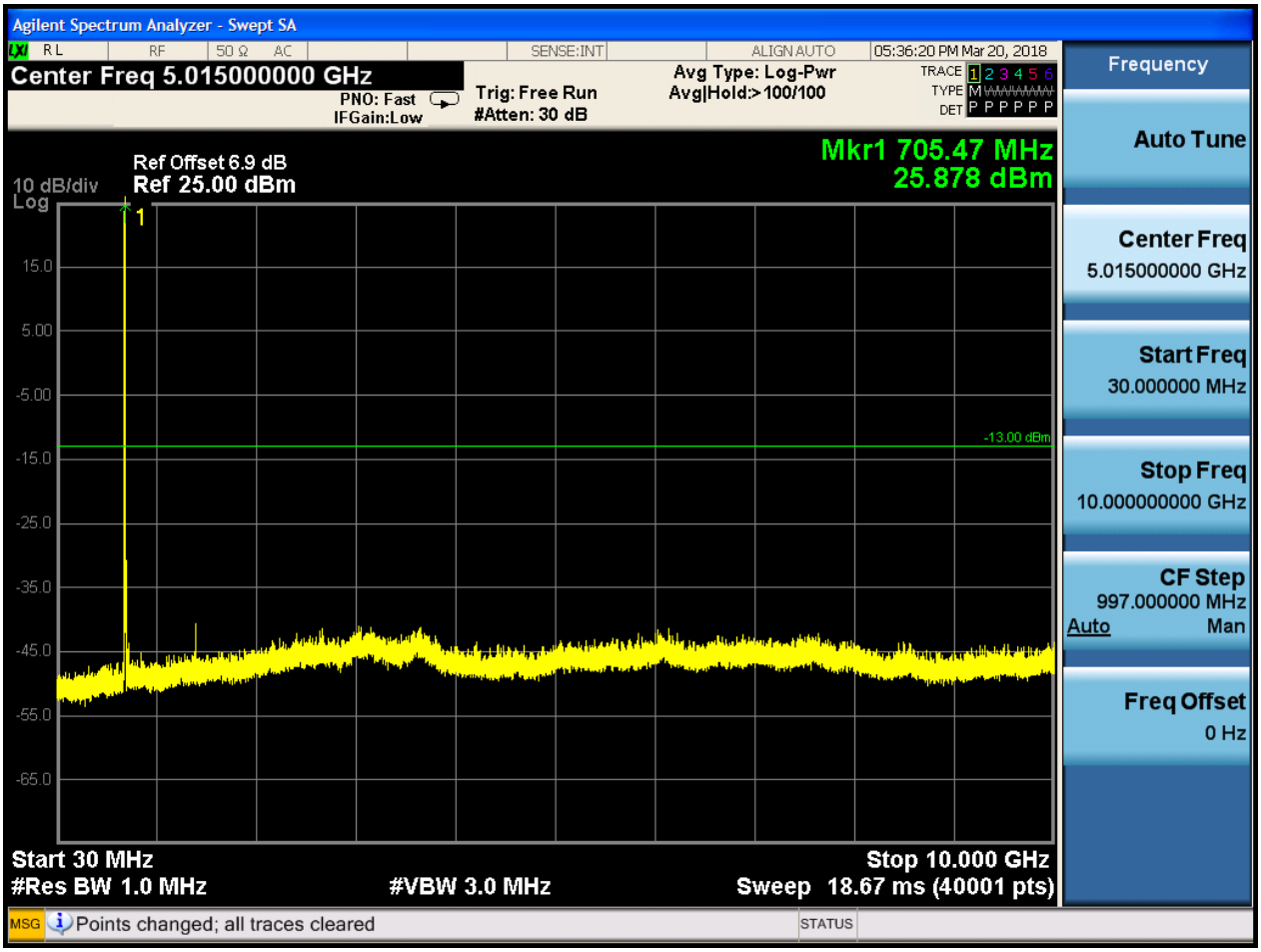


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

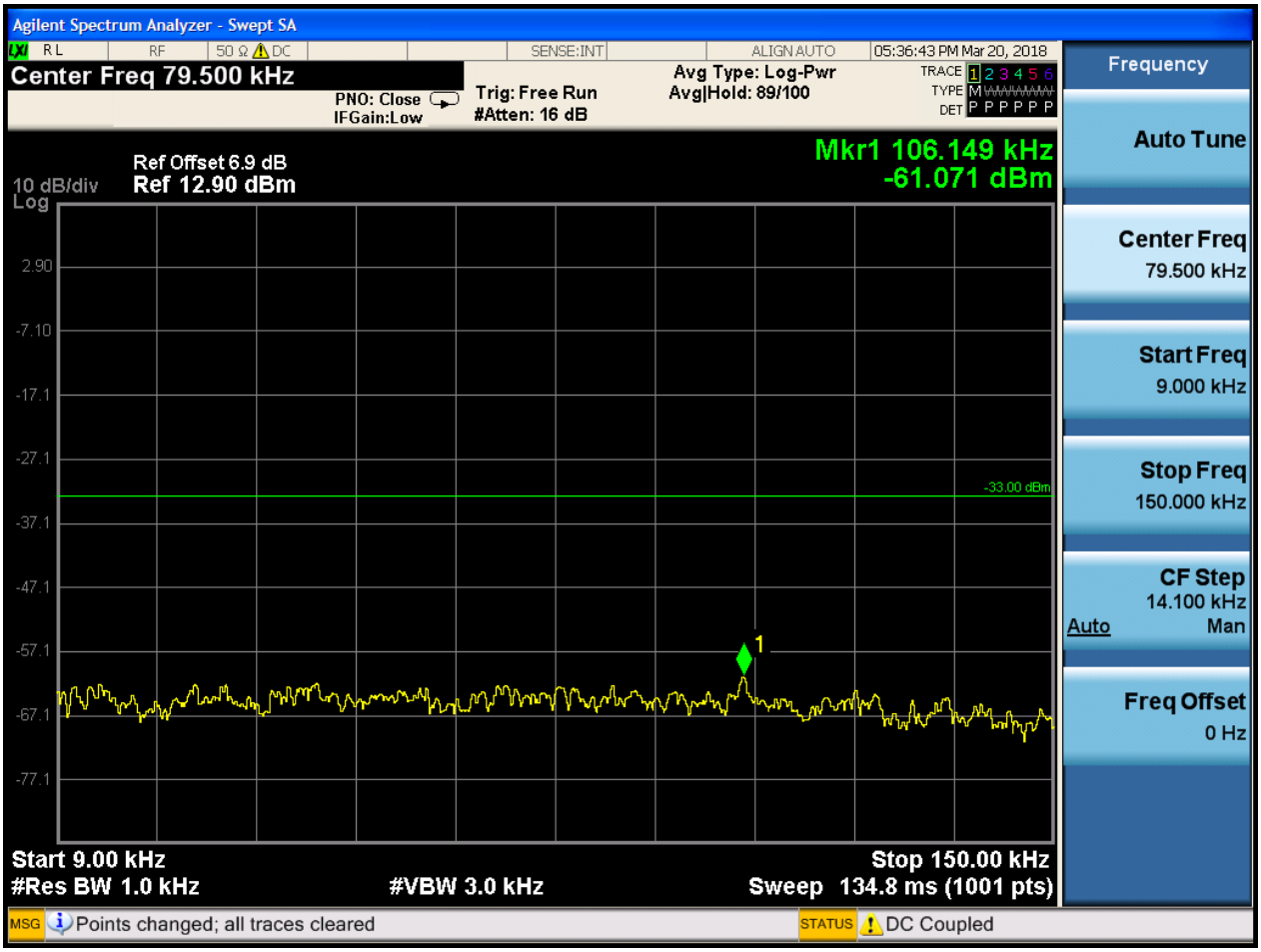


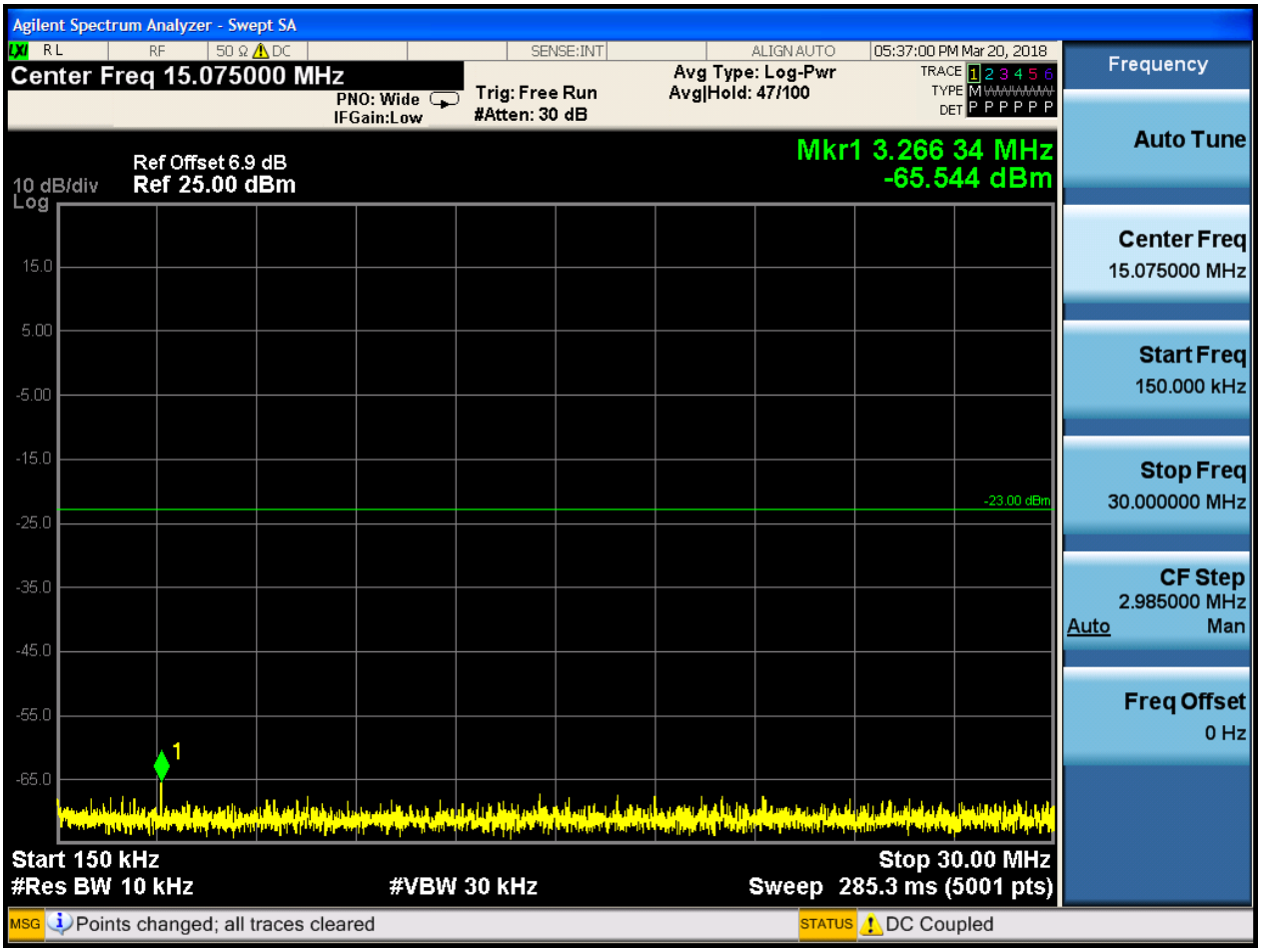


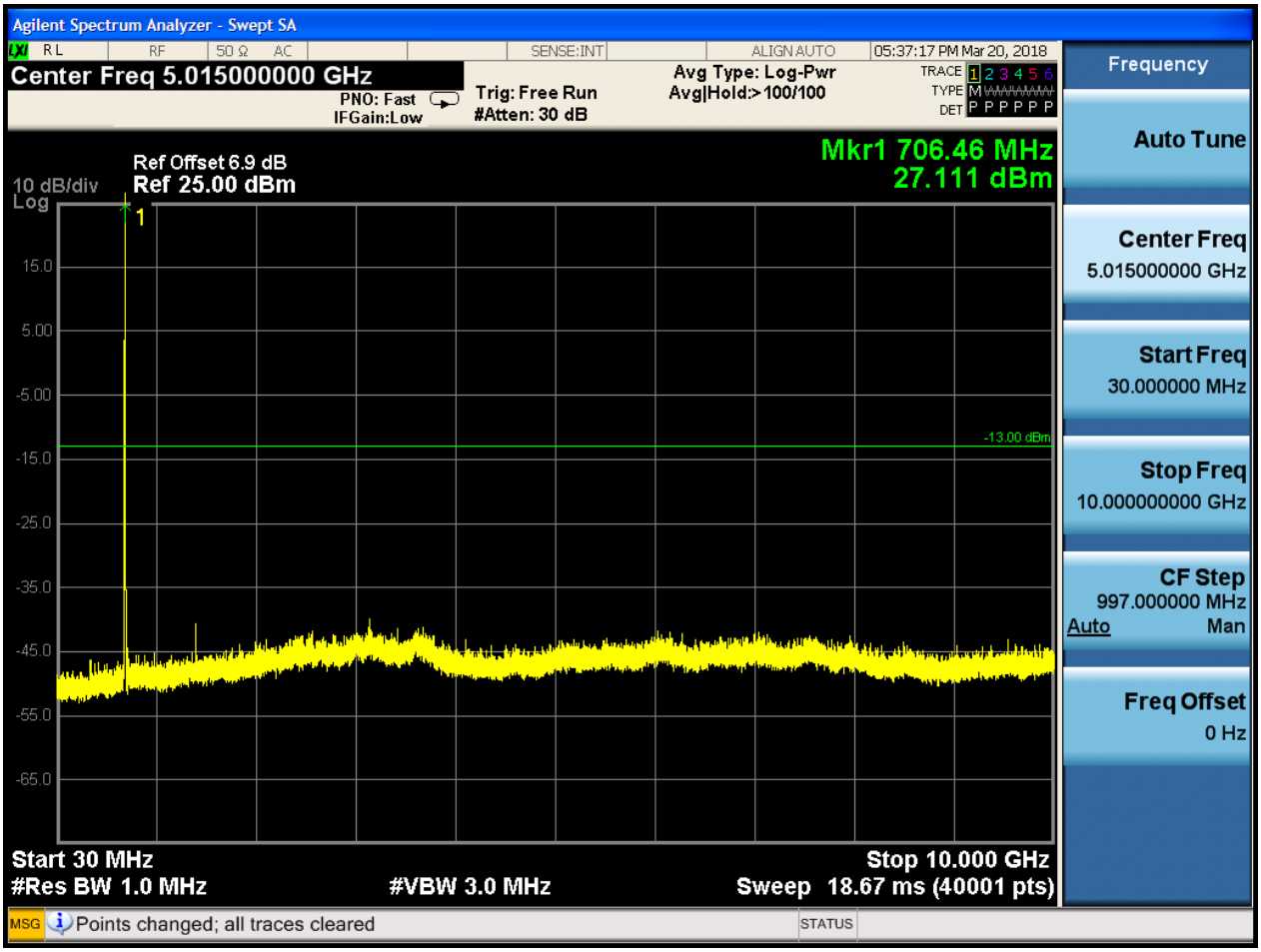


6.1.1.2.2.3 Test Channel = HCH

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, RBW = 200Hz, VBW = 600 Hz, Detector: PK

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

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

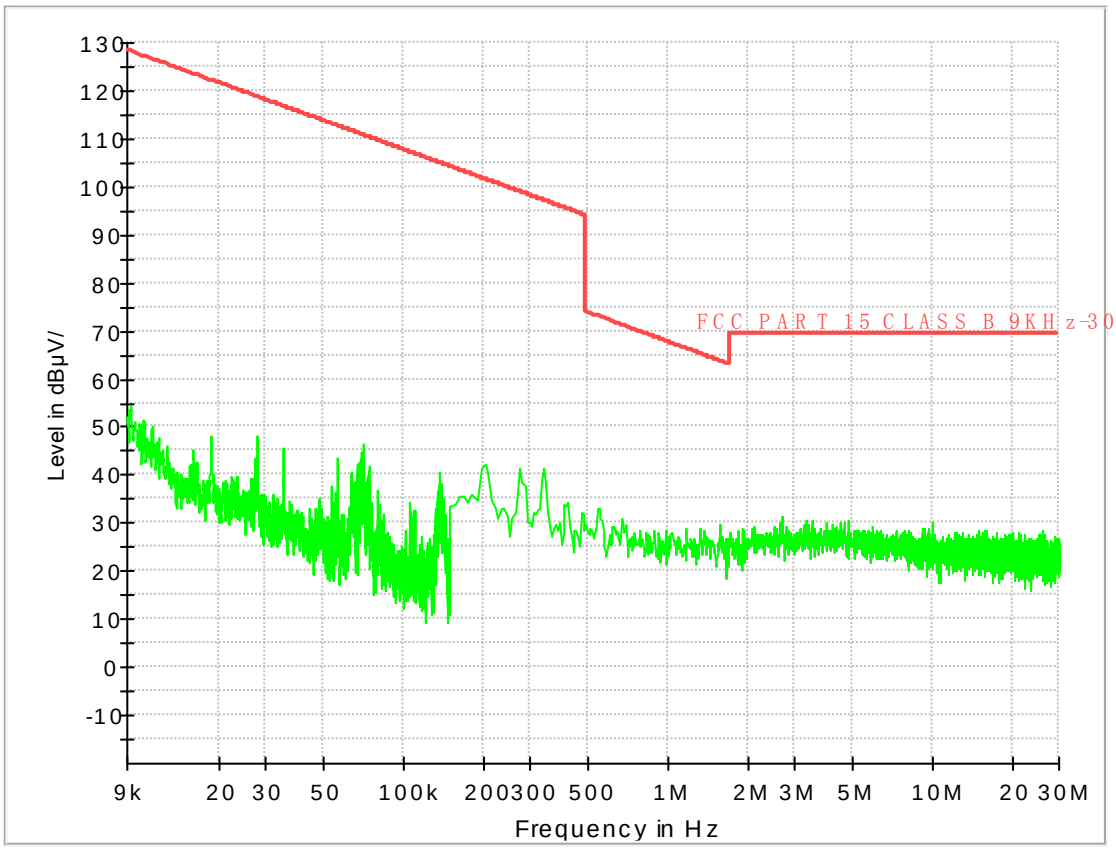
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

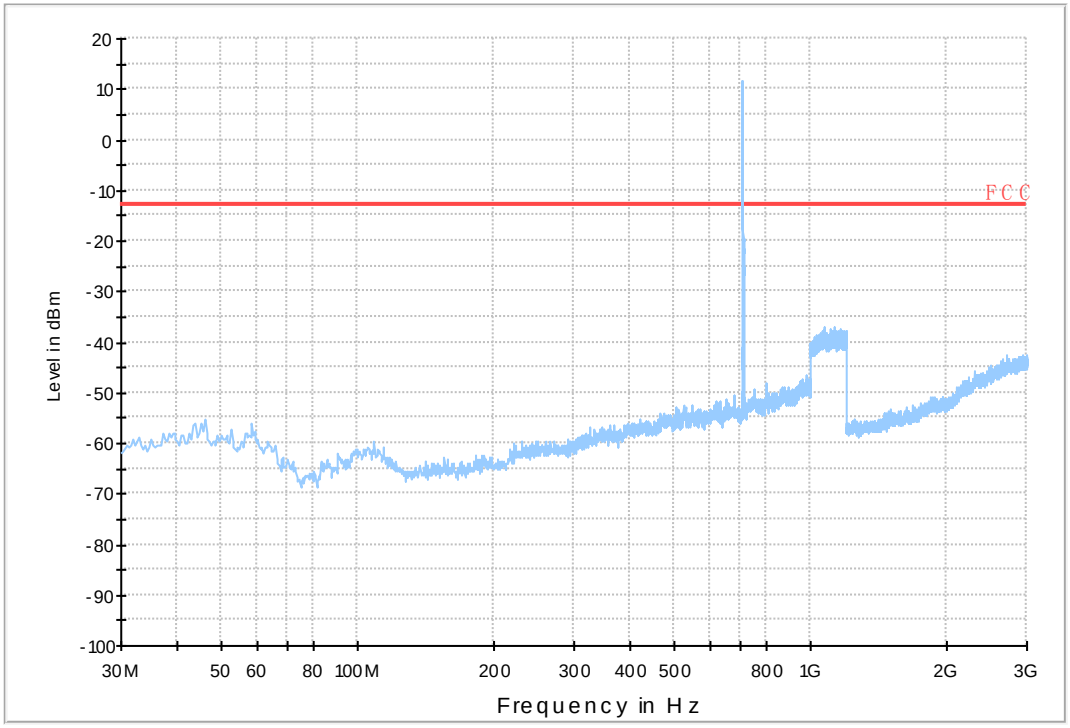
7.1 For LTE

7.1.1 Test Band = BAND17_ANT1

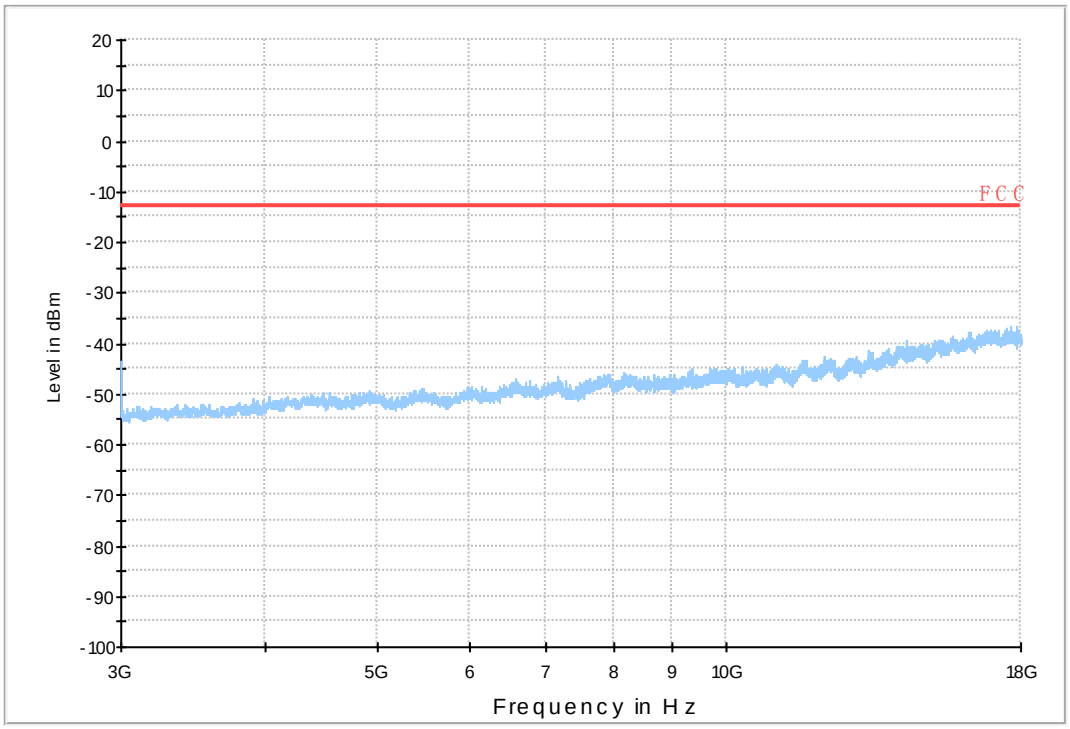
7.1.1.1 Test Bandwidth = 5



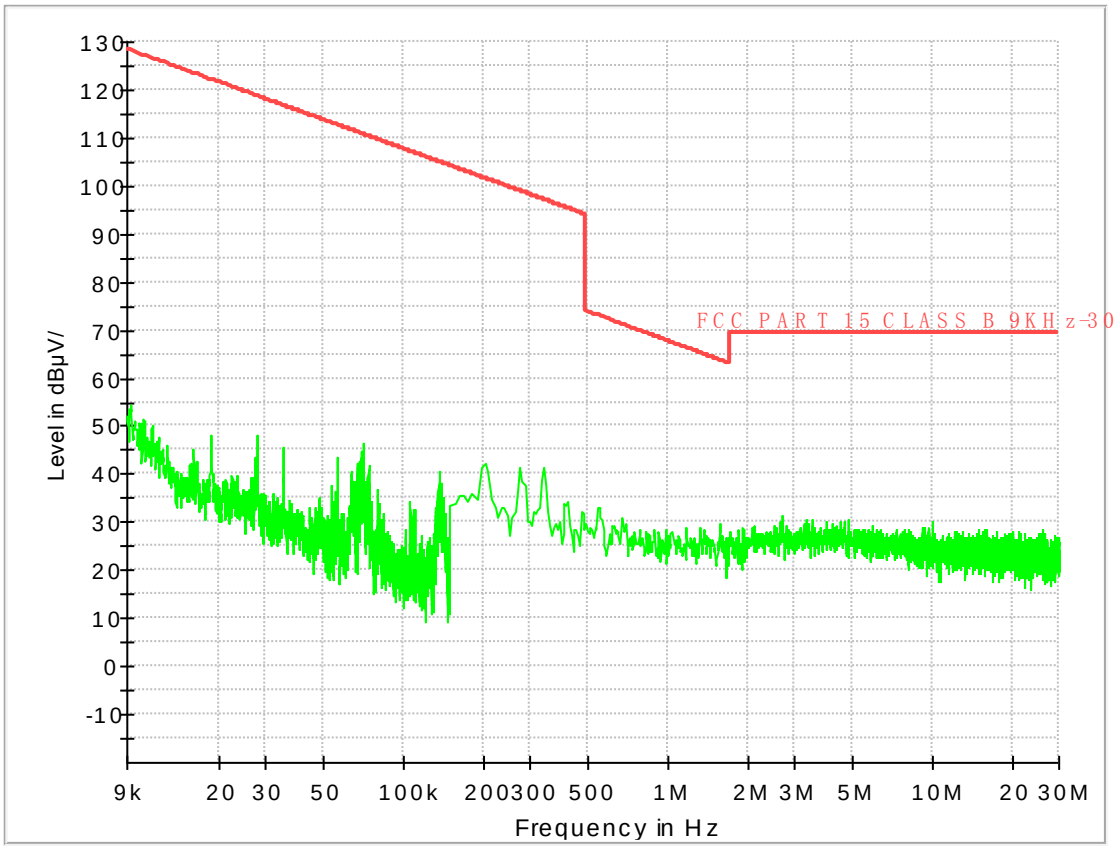
Copy of RSE-TX-DIRECTOR BELOW 1G_L



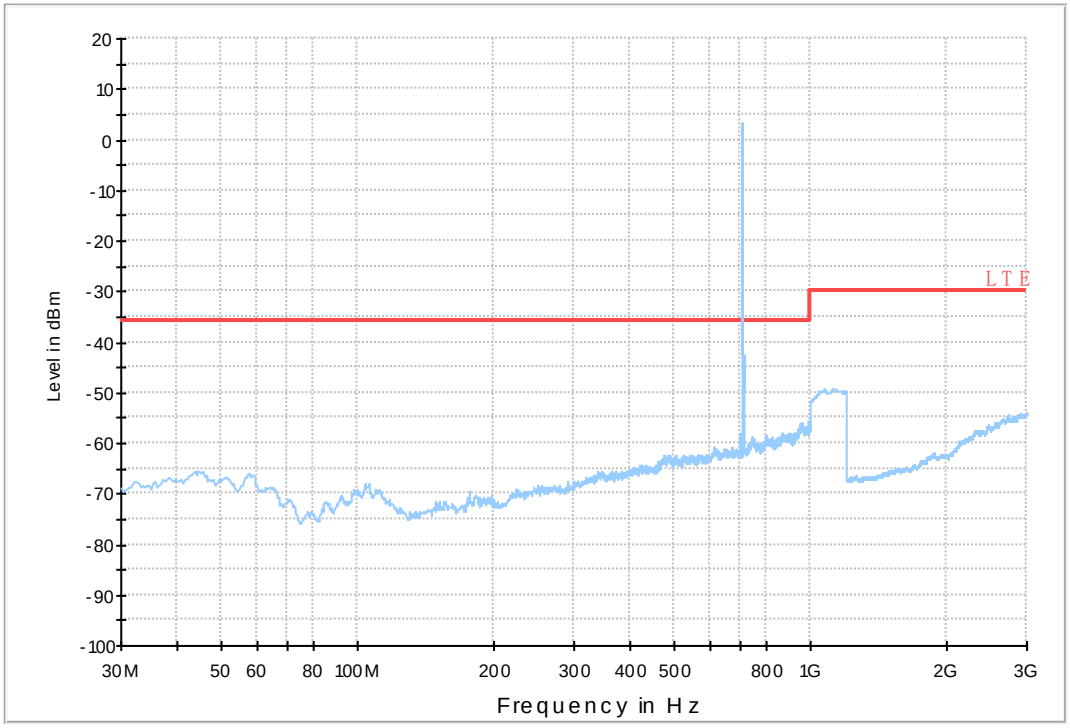
Copy of RSE-TX-DIRECTOR BELOW 1G_H



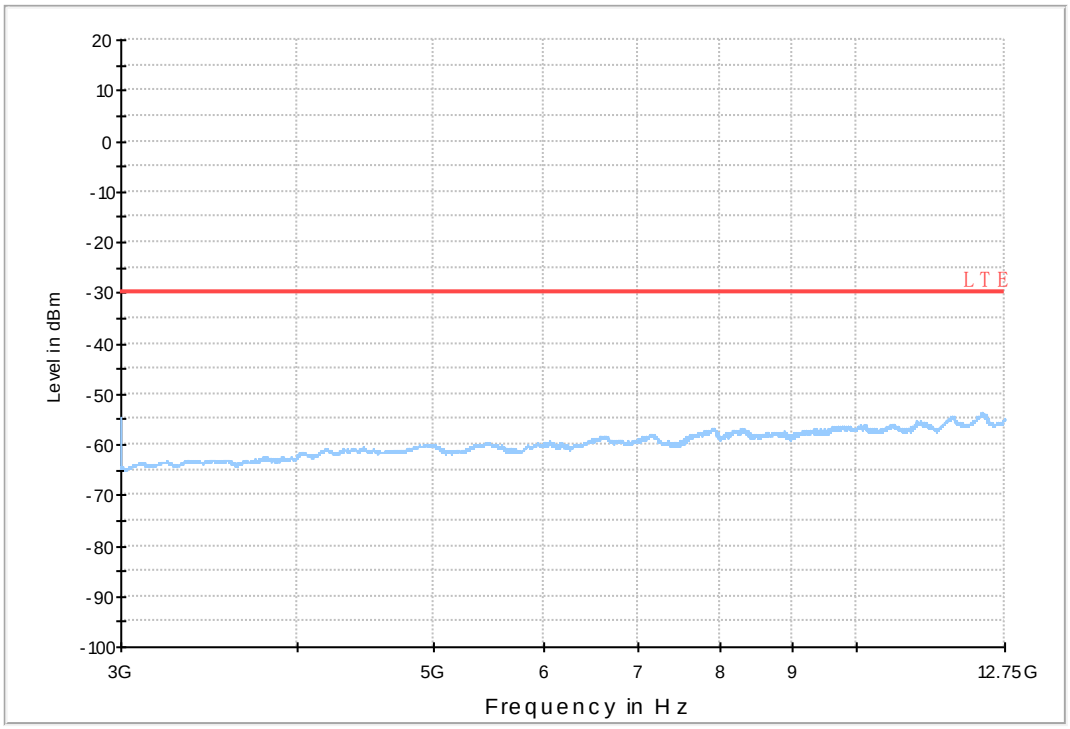
7.1.1.2 Test Bandwidth = 10



RSE-TX-DIRECTOR BELOW 1G_L

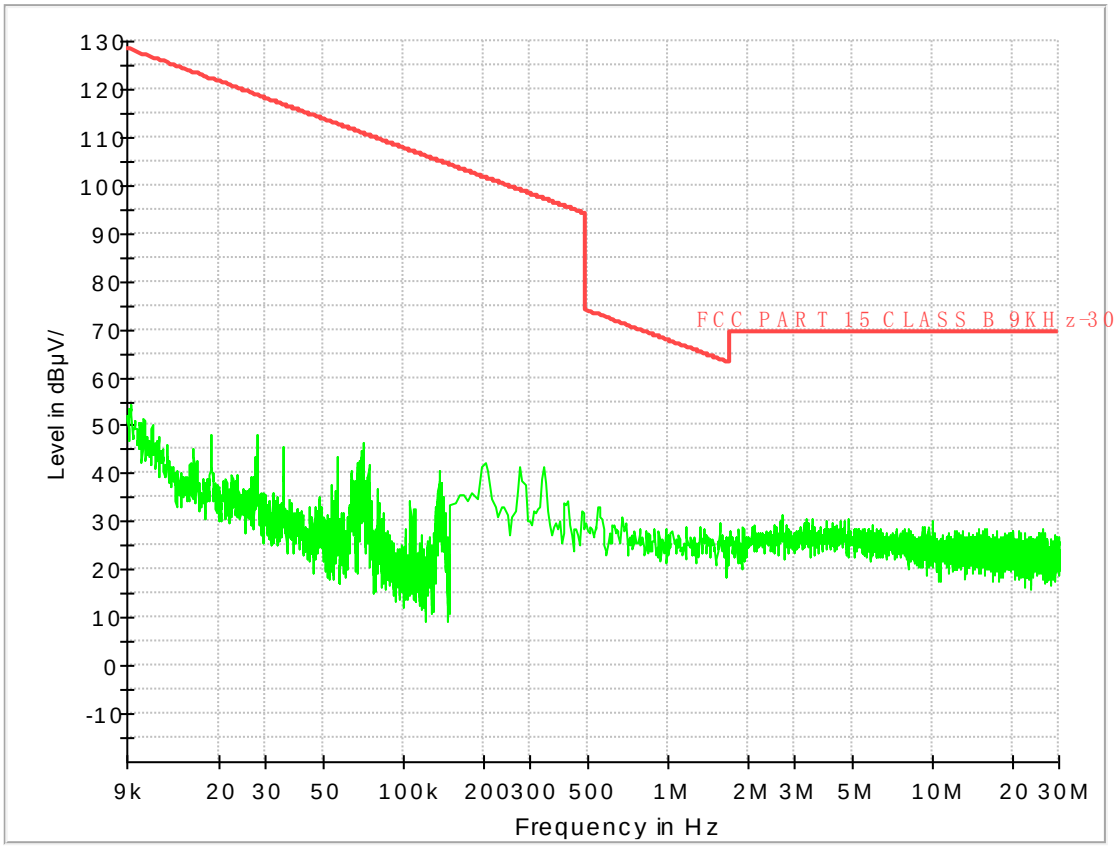


RSE-TX-DIRECTOR BELOW 1G_H

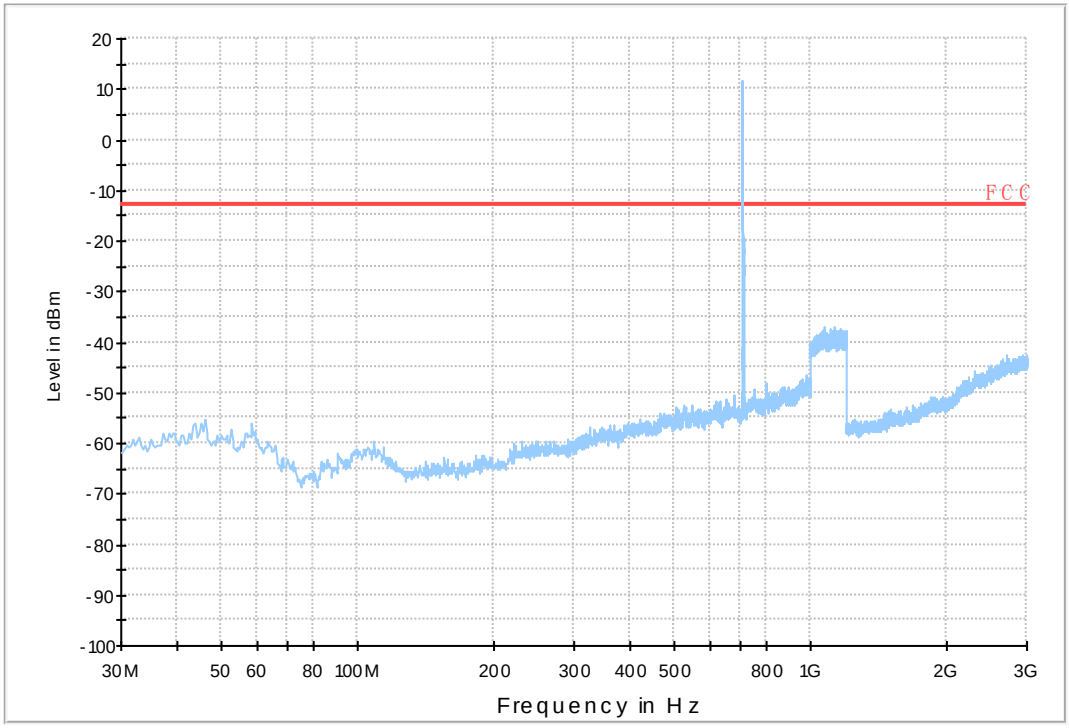


7.1.2 Test Band = BAND17_ANT2

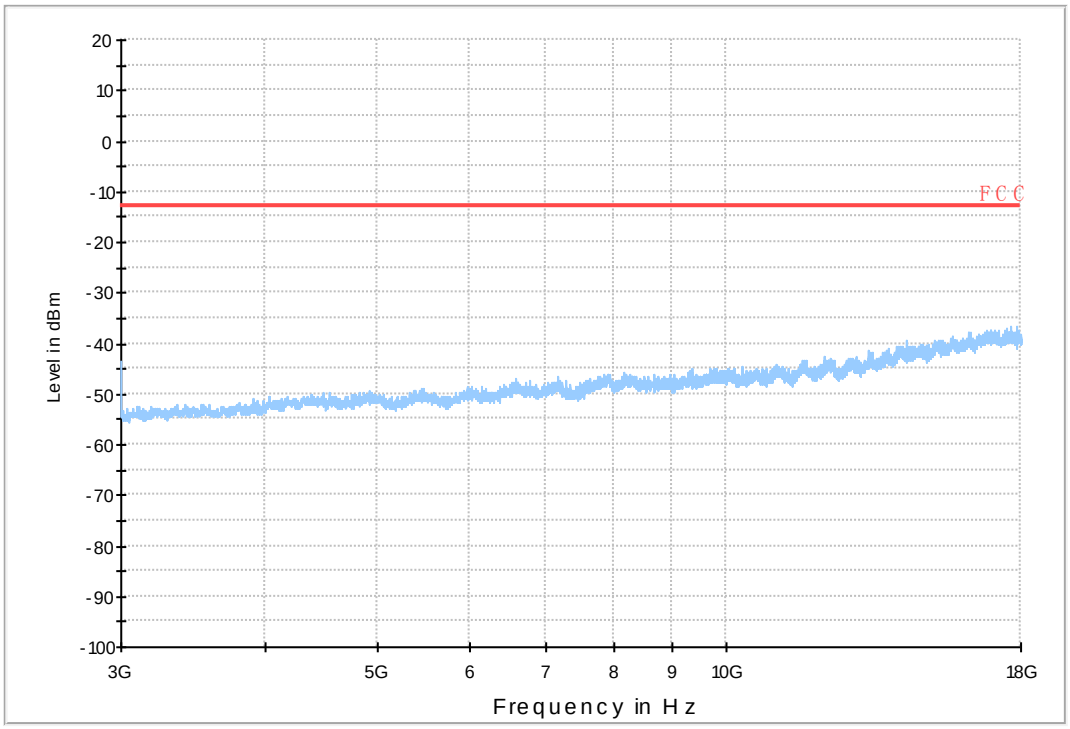
7.1.2.1 Test Bandwidth = 5



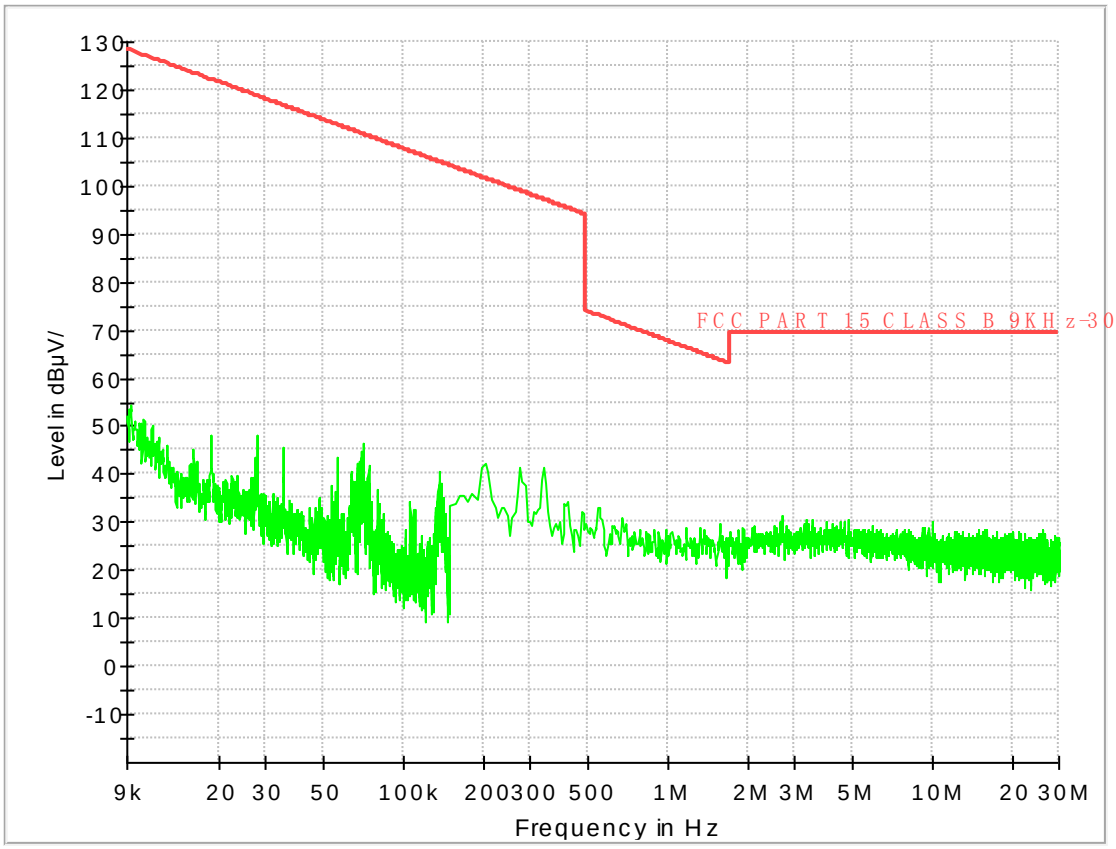
Copy of RSE-TX-DIRECTOR BELOW 1G_L



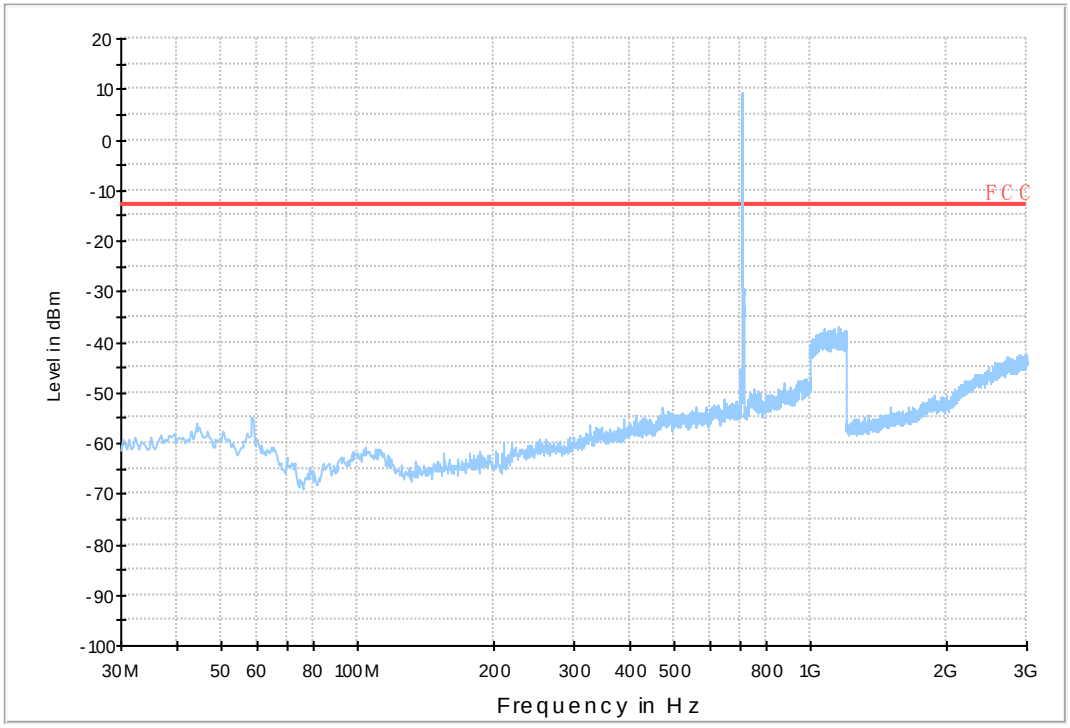
Copy of RSE-TX-DIRECTOR BELOW 1G_H



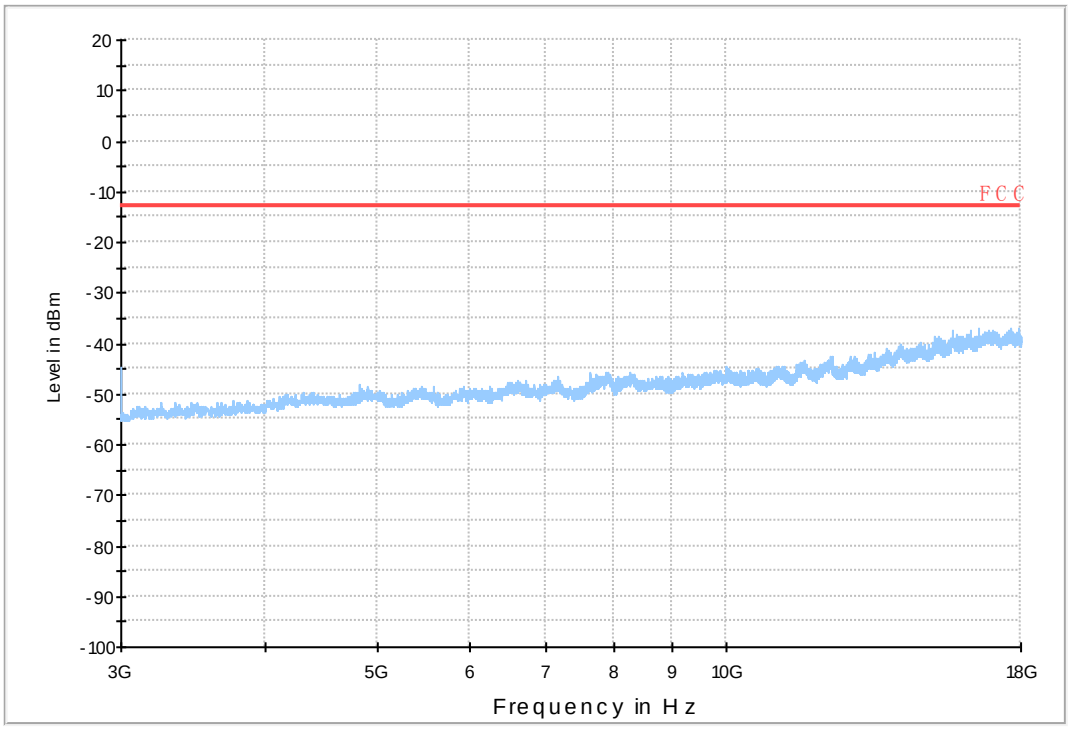
7.1.1.2 Test Bandwidth = 10



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	0.62	0.00088	PASS
					VN	1.23	0.00174	PASS
					VH	-2.25	-0.00318	PASS
			MCH	TN	VL	-2.10	-0.00296	PASS
					VN	0.54	0.00076	PASS
					VH	-0.57	-0.0008	PASS
			HCH	TN	VL	2.02	0.00283	PASS
					VN	-0.97	-0.00136	PASS
					VH	3.81	0.00534	PASS
		10	LCH	TN	VL	-0.20	-0.00028	PASS
					VN	0.10	0.00014	PASS
					VH	-0.29	-0.00041	PASS
			MCH	TN	VL	-0.59	-0.00083	PASS
					VN	-1.17	-0.00165	PASS
					VH	-0.36	-0.00051	PASS
			HCH	TN	VL	0.14	0.0002	PASS
					VN	-1.37	-0.00193	PASS
					VH	-2.80	-0.00394	PASS
	LTE/TM2	5	LCH	TN	VL	-4.52	-0.0064	PASS
					VN	-1.63	-0.00231	PASS
					VH	0.56	0.00079	PASS
			MCH	TN	VL	0.62	0.00087	PASS
					VN	-1.40	-0.00197	PASS
					VH	0.14	0.0002	PASS
			HCH	TN	VL	0.40	0.00056	PASS
					VN	2.57	0.0036	PASS
					VH	3.69	0.00517	PASS
		10	LCH	TN	VL	-0.30	-0.00042	PASS
					VN	0.69	0.00097	PASS
					VH	1.62	0.00228	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VL	-0.83	-0.00117	PASS
					VN	-1.03	-0.00145	PASS
					VH	-1.04	-0.00146	PASS
			HCH	TN	VL	-0.21	-0.0003	PASS
					VN	-0.29	-0.00041	PASS
					VH	0.51	0.00072	PASS

8.1.2Frequency Error vs. Temperature:

Test Band	Test Temp.	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND17	-30	LTE/TM1	5	LCH	VN	6.87	0.00972	PASS
				MCH	VN	0.69	0.00097	PASS
				HCH	VN	-13.56	-0.019	PASS
			10	LCH	VN	0.30	0.00042	PASS
				MCH	VN	0.13	0.00018	PASS
				HCH	VN	0.11	0.00015	PASS
		LTE/TM2	5	LCH	VN	5.72	0.0081	PASS
				MCH	VN	-1.75	-0.00246	PASS
				HCH	VN	-2.57	-0.0036	PASS
			10	LCH	VN	0.43	0.00061	PASS
				MCH	VN	-0.40	-0.00056	PASS
				HCH	VN	-2.02	-0.00284	PASS
	-20	LTE/TM1	5	LCH	VN	-1.16	-0.00164	PASS
				MCH	VN	1.33	0.00187	PASS
				HCH	VN	-9.97	-0.01397	PASS
			10	LCH	VN	-1.06	-0.0015	PASS
				MCH	VN	0.70	0.00099	PASS
				HCH	VN	0.36	0.00051	PASS
		LTE/TM2	5	LCH	VN	1.70	0.00241	PASS
				MCH	VN	3.10	0.00437	PASS
				HCH	VN	1.80	0.00252	PASS
			10	LCH	VN	1.76	0.00248	PASS
				MCH	VN	-2.05	-0.00289	PASS
				HCH	VN	1.17	0.00165	PASS
	-10	LTE/TM1	5	LCH	VN	5.68	0.00804	PASS
				MCH	VN	4.84	0.00682	PASS
				HCH	VN	6.68	0.00936	PASS

			10	LCH	VN	0.64	0.0009	PASS
				MCH	VN	0.70	0.00099	PASS
				HCH	VN	-1.44	-0.00203	PASS
		LTE/TM2	5	LCH	VN	1.89	0.00268	PASS
				MCH	VN	3.43	0.00483	PASS
				HCH	VN	-3.71	-0.0052	PASS
			10	LCH	VN	-0.27	-0.00038	PASS
				MCH	VN	-2.72	-0.00383	PASS
				HCH	VN	-1.06	-0.00149	PASS
	0	LTE/TM1	5	LCH	VN	-5.78	-0.00818	PASS
				MCH	VN	1.24	0.00175	PASS
				HCH	VN	2.22	0.00311	PASS
			10	LCH	VN	-0.86	-0.00121	PASS
				MCH	VN	-0.23	-0.00032	PASS
				HCH	VN	-0.64	-0.0009	PASS
		LTE/TM2	5	LCH	VN	2.43	0.00344	PASS
				MCH	VN	-2.93	-0.00413	PASS
				HCH	VN	-6.94	-0.00973	PASS
			10	LCH	VN	-0.01	-0.00001	PASS
				MCH	VN	1.03	0.00145	PASS
				HCH	VN	-1.23	-0.00173	PASS
	10	LTE/TM1	5	LCH	VN	-0.34	-0.00048	PASS
				MCH	VN	0.37	0.00052	PASS
				HCH	VN	3.08	0.00432	PASS
			10	LCH	VN	0.10	0.00014	PASS
				MCH	VN	-1.40	-0.00197	PASS
				HCH	VN	-0.79	-0.00111	PASS
		LTE/TM2	5	LCH	VN	-4.94	-0.00699	PASS
				MCH	VN	1.47	0.00207	PASS
				HCH	VN	3.22	0.00451	PASS
			10	LCH	VN	-0.46	-0.00065	PASS
				MCH	VN	-1.20	-0.00169	PASS
				HCH	VN	-1.73	-0.00243	PASS
	20	LTE/TM1	5	LCH	VN	5.08	0.00719	PASS
				MCH	VN	-4.38	-0.00617	PASS
				HCH	VN	2.25	0.00315	PASS
			10	LCH	VN	-0.69	-0.00097	PASS
				MCH	VN	-0.30	-0.00042	PASS
				HCH	VN	0.46	0.00065	PASS
		LTE/TM2	5	LCH	VN	-7.20	-0.01019	PASS
				MCH	VN	-3.60	-0.00507	PASS
				HCH	VN	-6.15	-0.00862	PASS

			10	LCH	VN	-0.64	-0.0009	PASS
				MCH	VN	-1.22	-0.00172	PASS
				HCH	VN	-0.83	-0.00117	PASS
	30	LTE/TM1	5	LCH	VN	-1.20	-0.0017	PASS
				MCH	VN	0.13	0.00018	PASS
				HCH	VN	-1.77	-0.00248	PASS
			10	LCH	VN	0.49	0.00069	PASS
				MCH	VN	2.75	0.00387	PASS
				HCH	VN	-0.14	-0.0002	PASS
		LTE/TM2	5	LCH	VN	0.47	0.00067	PASS
				MCH	VN	-1.40	-0.00197	PASS
				HCH	VN	3.32	0.00465	PASS
			10	LCH	VN	0.10	0.00014	PASS
				MCH	VN	-1.53	-0.00215	PASS
				HCH	VN	0.30	0.00042	PASS
	40	LTE/TM1	5	LCH	VN	4.89	0.00692	PASS
				MCH	VN	7.37	0.01038	PASS
				HCH	VN	-2.37	-0.00332	PASS
			10	LCH	VN	0.99	0.0014	PASS
				MCH	VN	0.07	0.0001	PASS
				HCH	VN	-0.01	-0.00001	PASS
		LTE/TM2	5	LCH	VN	1.27	0.0018	PASS
				MCH	VN	0.56	0.00079	PASS
				HCH	VN	-4.22	-0.00591	PASS
			10	LCH	VN	0.10	0.00014	PASS
				MCH	VN	-0.59	-0.00083	PASS
				HCH	VN	-1.89	-0.00266	PASS
	50	LTE/TM1	5	LCH	VN	-1.90	-0.00269	PASS
				MCH	VN	10.03	0.01413	PASS
				HCH	VN	1.37	0.00192	PASS
			10	LCH	VN	-0.23	-0.00032	PASS
				MCH	VN	-3.29	-0.00463	PASS
				HCH	VN	-0.63	-0.00089	PASS
		LTE/TM2	5	LCH	VN	0.09	0.00013	PASS
				MCH	VN	-0.39	-0.00055	PASS
				HCH	VN	5.48	0.00768	PASS
			10	LCH	VN	2.27	0.0032	PASS
				MCH	VN	-2.07	-0.00292	PASS
				HCH	VN	1.75	0.00246	PASS

END