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	22.93	19.63	34.7	PASS
				RB1#13	23.41	20.11	34.7	PASS
				RB1#24	23.21	19.91	34.7	PASS
				RB12#0	22.34	19.04	34.7	PASS
				RB12#6	22.47	19.17	34.7	PASS
				RB12#13	22.44	19.14	34.7	PASS
				RB25#0	22.47	19.17	34.7	PASS
			MCH	RB1#0	23.44	20.14	34.7	PASS
				RB1#13	23.9	20.6	34.7	PASS
				RB1#24	23.5	20.2	34.7	PASS
				RB12#0	22.85	19.55	34.7	PASS
				RB12#6	23.02	19.72	34.7	PASS
				RB12#13	22.8	19.5	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.88	19.58	34.7	PASS
			HCH	RB1#0	23.05	19.75	34.7	PASS
				RB1#13	23.1	19.8	34.7	PASS
				RB1#24	22.67	19.37	34.7	PASS
				RB12#0	22.46	19.16	34.7	PASS
				RB12#6	22.4	19.1	34.7	PASS
				RB12#13	22.12	18.82	34.7	PASS
				RB25#0	22.3	19	34.7	PASS
		10	LCH	RB1#0	22.43	19.13	34.7	PASS
				RB1#25	23.34	20.04	34.7	PASS
				RB1#49	22.62	19.32	34.7	PASS
				RB25#0	22.01	18.71	34.7	PASS
				RB25#13	22.32	19.02	34.7	PASS
				RB25#25	22.15	18.85	34.7	PASS
				RB50#0	22.07	18.77	34.7	PASS
			MCH	RB1#0	22.74	19.44	34.7	PASS
				RB1#25	23.73	20.43	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.72	19.42	34.7	PASS
				RB25#0	22.32	19.02	34.7	PASS
				RB25#13	22.69	19.39	34.7	PASS
				RB25#25	22.45	19.15	34.7	PASS
				RB50#0	22.49	19.19	34.7	PASS
			HCH	RB1#0	22.6	19.3	34.7	PASS
				RB1#25	23.35	20.05	34.7	PASS
				RB1#49	22.45	19.15	34.7	PASS
				RB25#0	22.16	18.86	34.7	PASS
				RB25#13	22.43	19.13	34.7	PASS
				RB25#25	22.12	18.82	34.7	PASS
				RB50#0	22.23	18.93	34.7	PASS
	LTE/TM2	5	LCH	RB1#0	22.22	18.92	34.7	PASS
				RB1#13	22.68	19.38	34.7	PASS
				RB1#24	22.5	19.2	34.7	PASS
				RB12#0	21.32	18.02	34.7	PASS
				RB12#6	21.49	18.19	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.39	18.09	34.7	PASS
				RB25#0	21.44	18.14	34.7	PASS
			MCH	RB1#0	22.47	19.17	34.7	PASS
				RB1#13	22.95	19.65	34.7	PASS
				RB1#24	22.58	19.28	34.7	PASS
				RB12#0	21.88	18.58	34.7	PASS
				RB12#6	22.06	18.76	34.7	PASS
				RB12#13	21.83	18.53	34.7	PASS
				RB25#0	21.86	18.56	34.7	PASS
			HCH	RB1#0	22.57	19.27	34.7	PASS
				RB1#13	22.55	19.25	34.7	PASS
				RB1#24	22.19	18.89	34.7	PASS
				RB12#0	21.54	18.24	34.7	PASS
				RB12#6	21.51	18.21	34.7	PASS
				RB12#13	21.23	17.93	34.7	PASS
				RB25#0	21.27	17.97	34.7	PASS
		10	LCH	RB1#0	21.52	18.22	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.24	18.94	34.7	PASS
				RB1#49	21.67	18.37	34.7	PASS
				RB25#0	21.06	17.76	34.7	PASS
				RB25#13	21.37	18.07	34.7	PASS
				RB25#25	21.18	17.88	34.7	PASS
				RB50#0	21.07	17.77	34.7	PASS
			MCH	RB1#0	21.68	18.38	34.7	PASS
				RB1#25	22.71	19.41	34.7	PASS
				RB1#49	21.87	18.57	34.7	PASS
				RB25#0	21.32	18.02	34.7	PASS
				RB25#13	21.68	18.38	34.7	PASS
				RB25#25	21.42	18.12	34.7	PASS
				RB50#0	21.51	18.21	34.7	PASS
			HCH	RB1#0	22	18.7	34.7	PASS
				RB1#25	22.76	19.46	34.7	PASS
				RB1#49	21.91	18.61	34.7	PASS
				RB25#0	21.19	17.89	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.44	18.14	34.7	PASS
				RB25#25	21.14	17.84	34.7	PASS
				RB50#0	21.24	17.94	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	3.88	13	PASS
				RB1#13	3.73	13	PASS
				RB1#24	3.92	13	PASS
				RB12#0	5.04	13	PASS
				RB12#6	4.87	13	PASS
				RB12#13	5.09	13	PASS
				RB25#0	5.4	13	PASS
			MCH	RB1#0	4.07	13	PASS
				RB1#13	3.78	13	PASS
				RB1#24	3.82	13	PASS
				RB12#0	4.97	13	PASS
				RB12#6	4.68	13	PASS
				RB12#13	4.95	13	PASS
				RB25#0	5.45	13	PASS
			HCH	RB1#0	4.11	13	PASS
				RB1#13	3.31	13	PASS
				RB1#24	3.35	13	PASS
				RB12#0	4.67	13	PASS
				RB12#6	4.24	13	PASS
				RB12#13	4.45	13	PASS
				RB25#0	5.15	13	PASS
		10	LCH	RB1#0	4.05	13	PASS
				RB1#25	3.85	13	PASS
				RB1#49	3.65	13	PASS
				RB25#0	5.23	13	PASS
				RB25#13	4.88	13	PASS
				RB25#25	5.1	13	PASS
				RB50#0	5.62	13	PASS
			MCH	RB1#0	4.15	13	PASS
				RB1#25	3.63	13	PASS
				RB1#49	3.63	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.22	13	PASS
				RB25#13	4.87	13	PASS
				RB25#25	5.02	13	PASS
				RB50#0	5.47	13	PASS
			HCH	RB1#0	3.96	13	PASS
				RB1#25	3.4	13	PASS
				RB1#49	3.61	13	PASS
				RB25#0	5.15	13	PASS
				RB25#13	4.74	13	PASS
				RB25#25	4.81	13	PASS
				RB50#0	5.26	13	PASS
	LTE/TM2	5	LCH	RB1#0	5	13	PASS
				RB1#13	4.9	13	PASS
				RB1#24	5.03	13	PASS
				RB12#0	5.73	13	PASS
				RB12#6	5.59	13	PASS
				RB12#13	5.65	13	PASS
				RB25#0	6.04	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#13	4.48	13	PASS
				RB1#24	4.55	13	PASS
				RB12#0	5.68	13	PASS
				RB12#6	5.51	13	PASS
				RB12#13	5.61	13	PASS
				RB25#0	6.11	13	PASS
			HCH	RB1#0	4.46	13	PASS
				RB1#13	4.04	13	PASS
				RB1#24	4.09	13	PASS
				RB12#0	5.4	13	PASS
				RB12#6	5.01	13	PASS
				RB12#13	5.16	13	PASS
				RB25#0	5.75	13	PASS
		10	LCH	RB1#0	4.83	13	PASS
				RB1#25	4.59	13	PASS
				RB1#49	4.22	13	PASS
				RB25#0	5.87	13	PASS
				RB25#13	5.69	13	PASS
				RB25#25	5.89	13	PASS
				RB50#0	6.23	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	4.94	13	PASS
				RB1#25	4.5	13	PASS
				RB1#49	4.63	13	PASS
				RB25#0	6	13	PASS
				RB25#13	5.82	13	PASS
				RB25#25	5.86	13	PASS
				RB50#0	6.28	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#25	4.48	13	PASS
				RB1#49	4.42	13	PASS
				RB25#0	5.87	13	PASS
				RB25#13	5.61	13	PASS
				RB25#25	5.65	13	PASS
				RB50#0	6.1	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

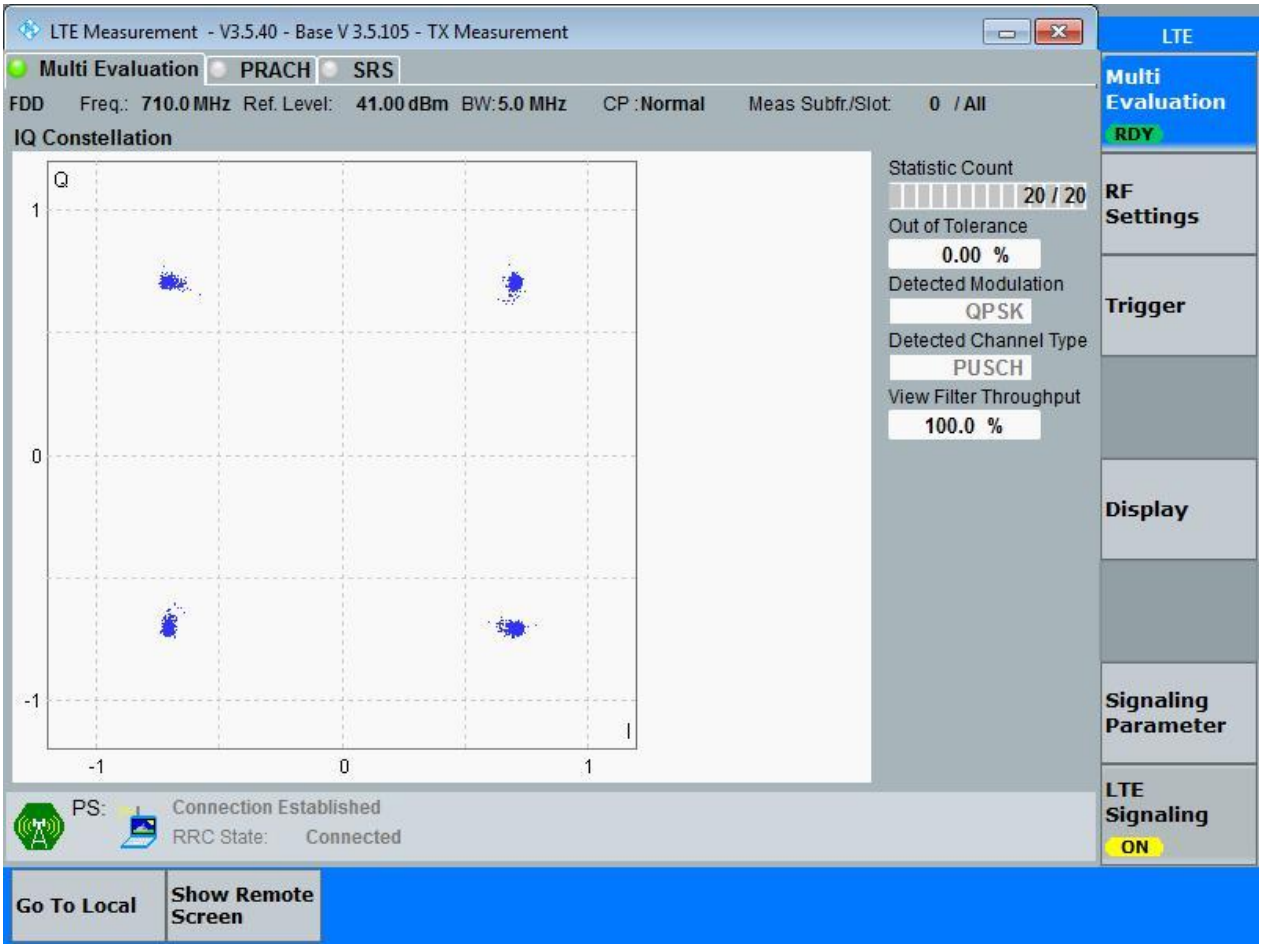
3.1.1 Test Band = BAND17

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

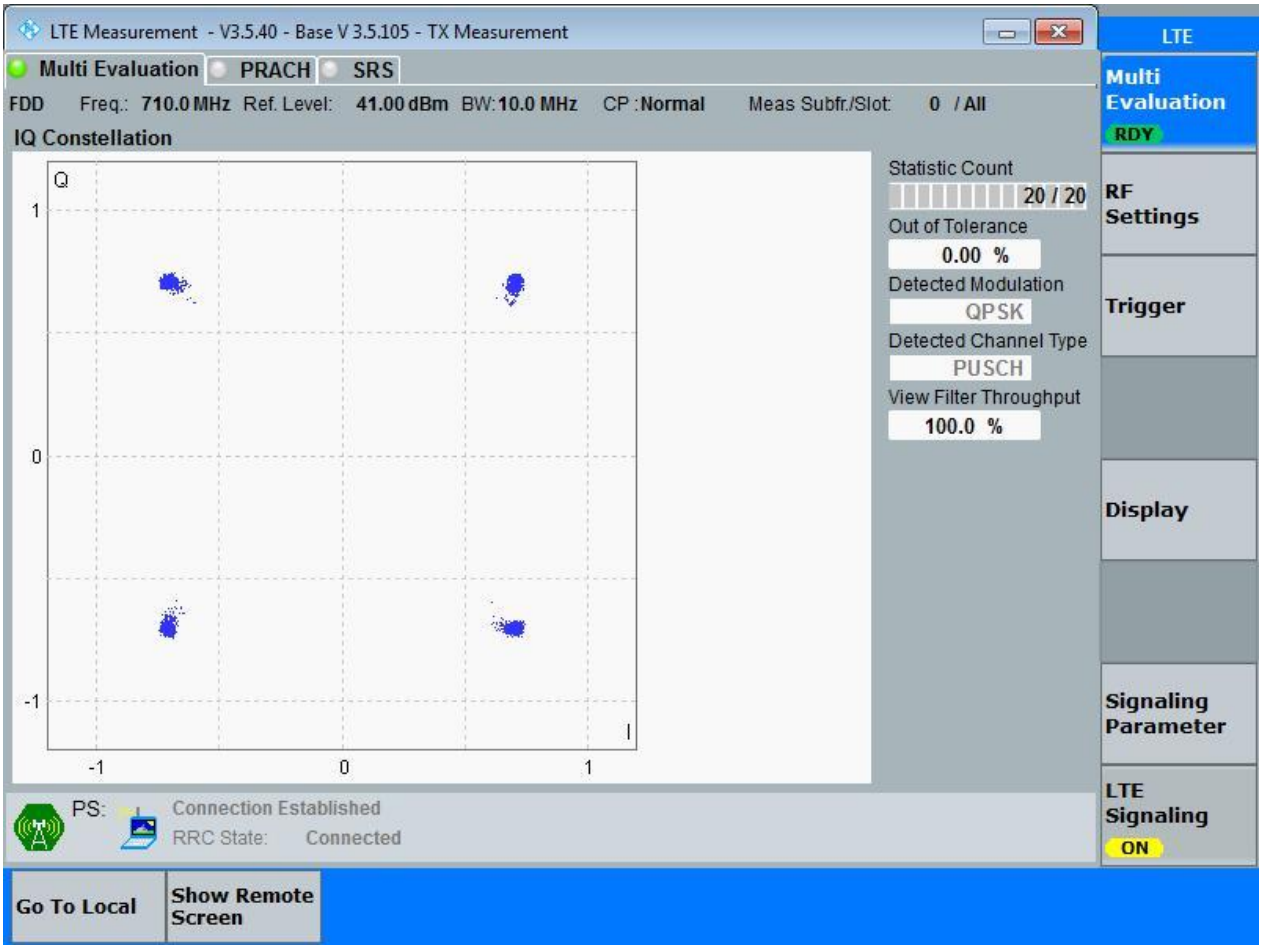
3.1.1.1.1.1.1 Test RB = RB25#0



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

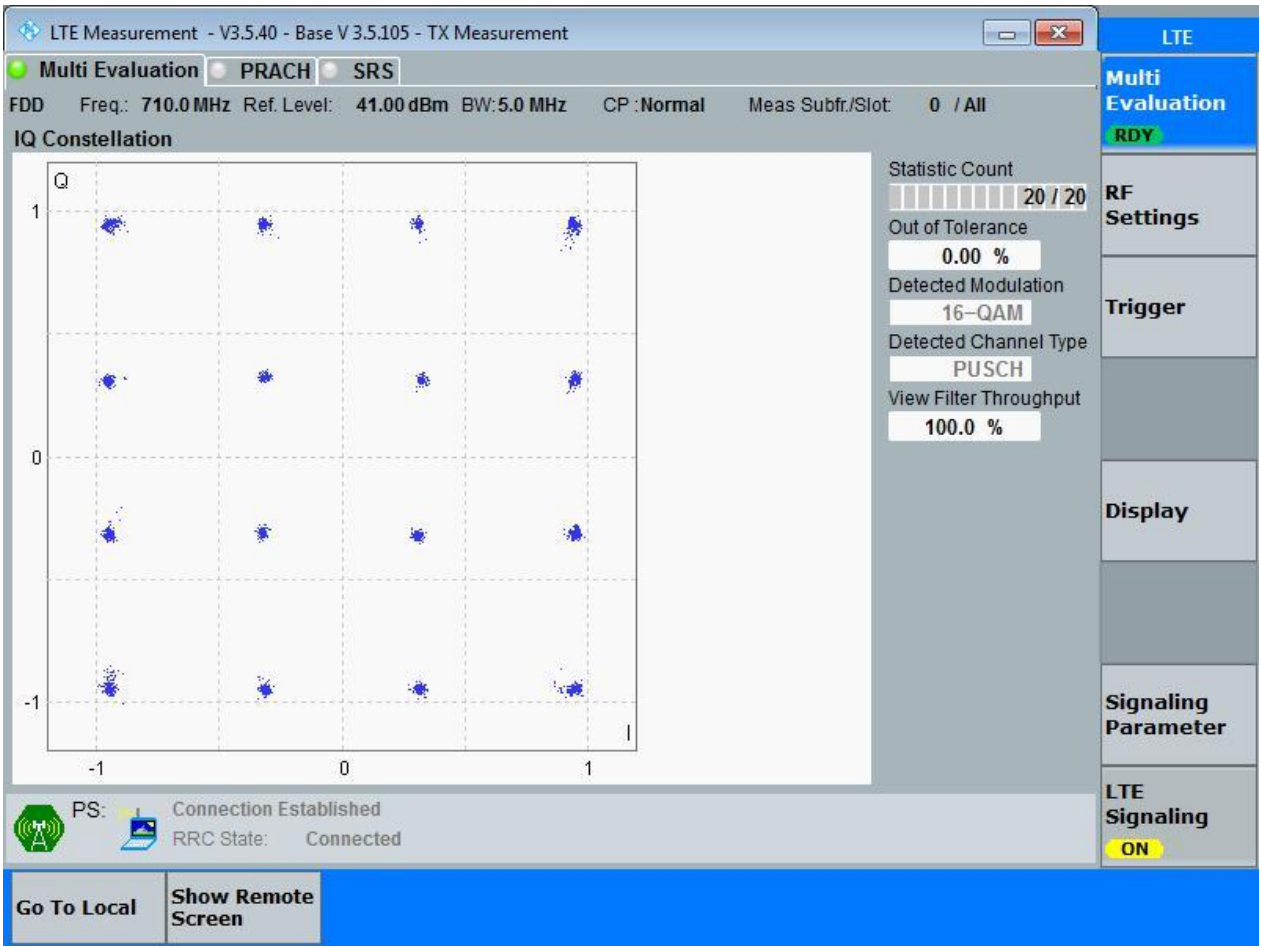


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

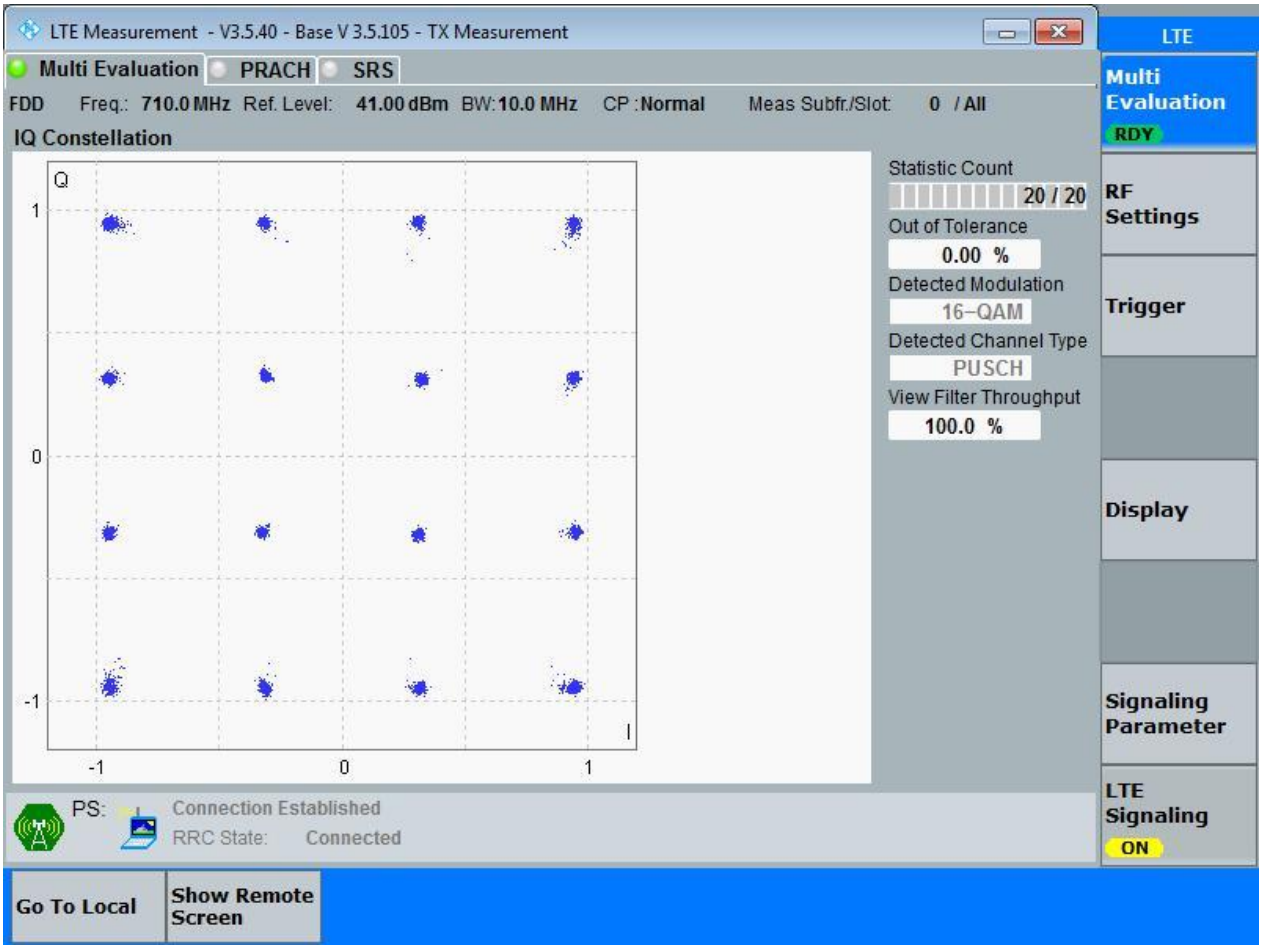
3.1.1.2.1.1.1 Test RB = RB25#0



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	4.98	Pass
			MCH	RB25#0	4.50	4.95	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	9.00	9.95	Pass
			MCH	RB50#0	8.97	9.92	Pass
			HCH	RB50#0	8.99	9.97	Pass
	LTE/TM2	5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.99	9.92	Pass
			MCH	RB50#0	9.01	9.94	Pass
			HCH	RB50#0	8.98	9.95	Pass

Part II - Test Plots

4.1 For LTE

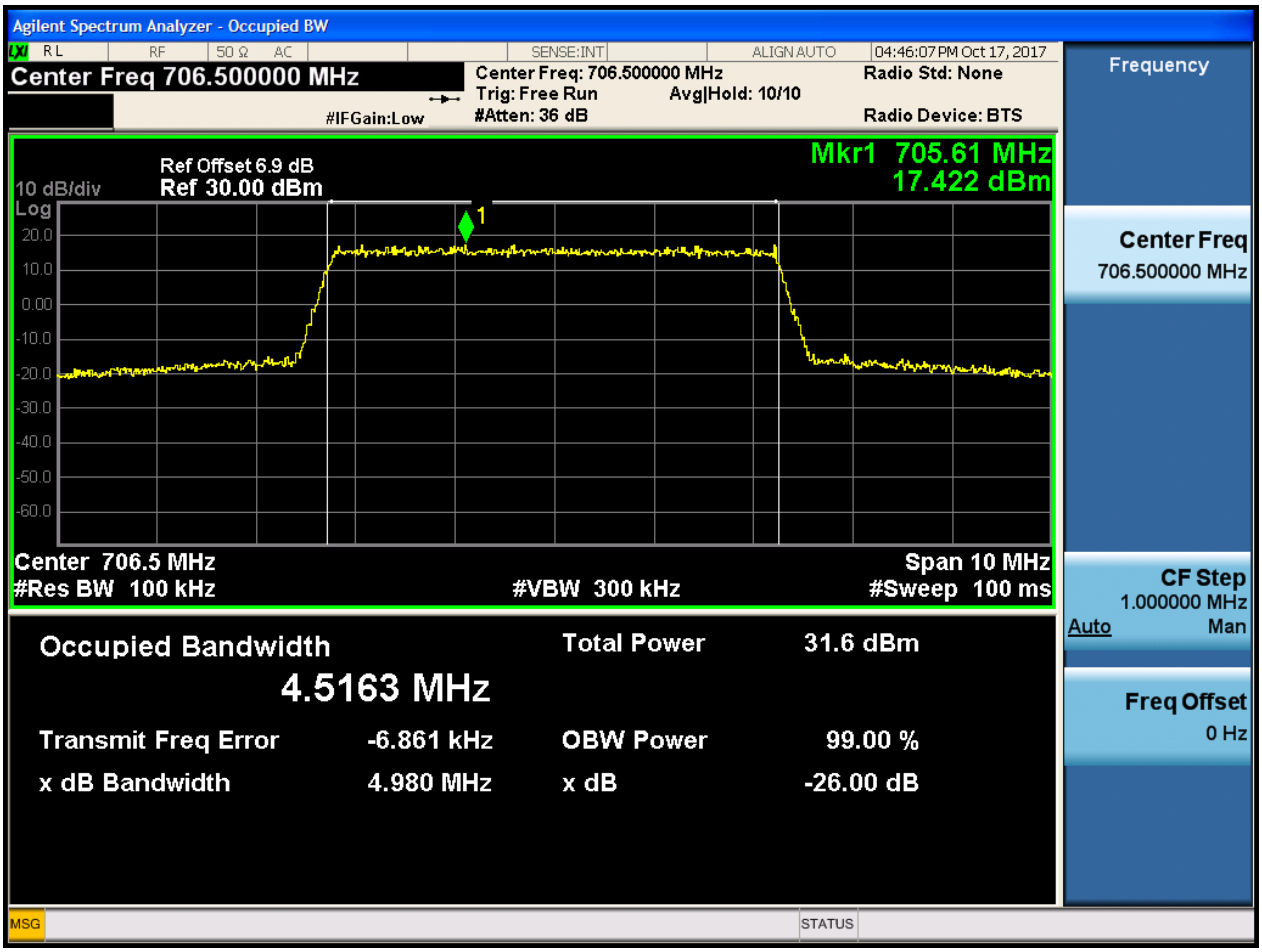
4.1.1 Test Band = BAND17

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

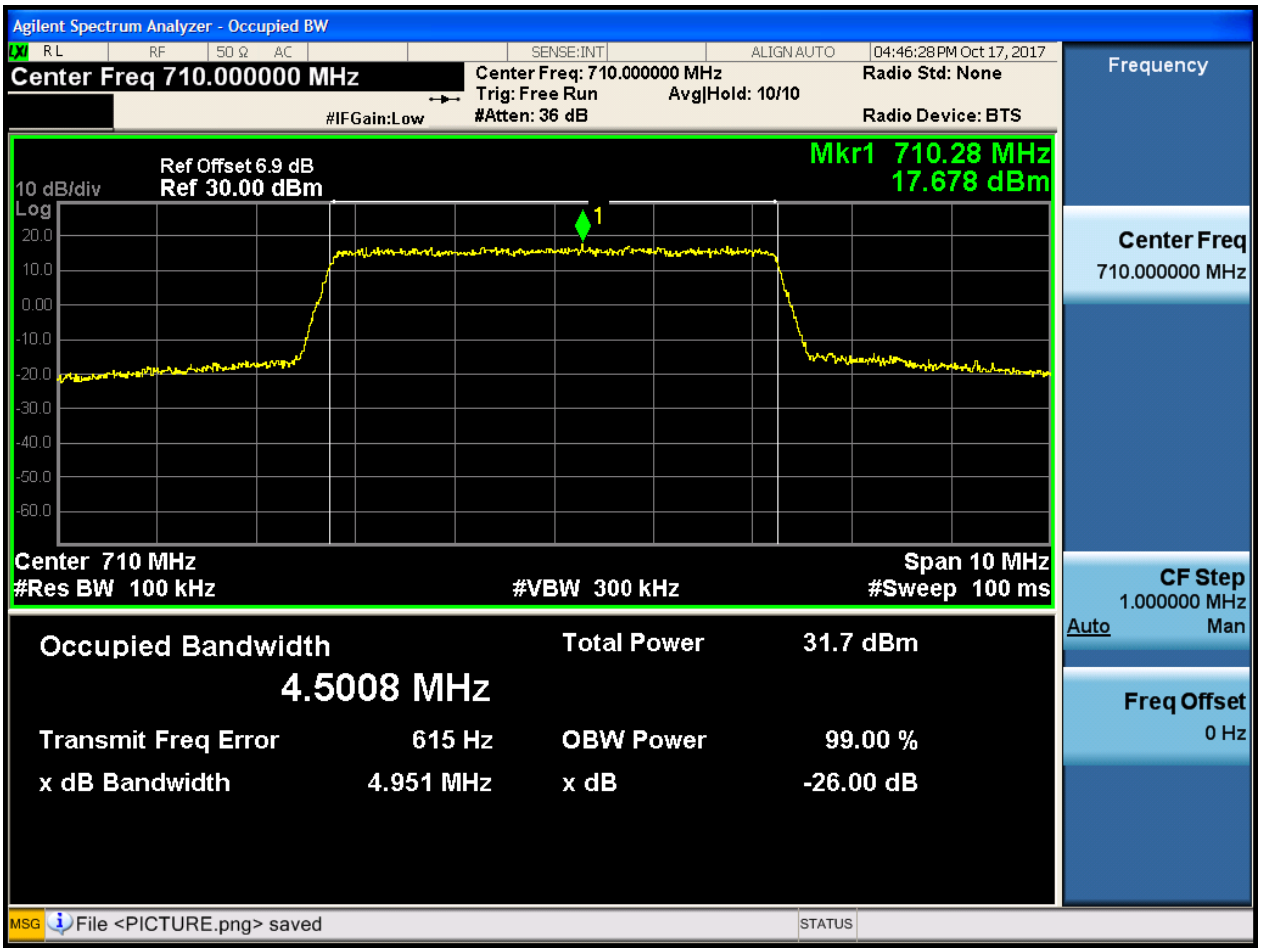
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



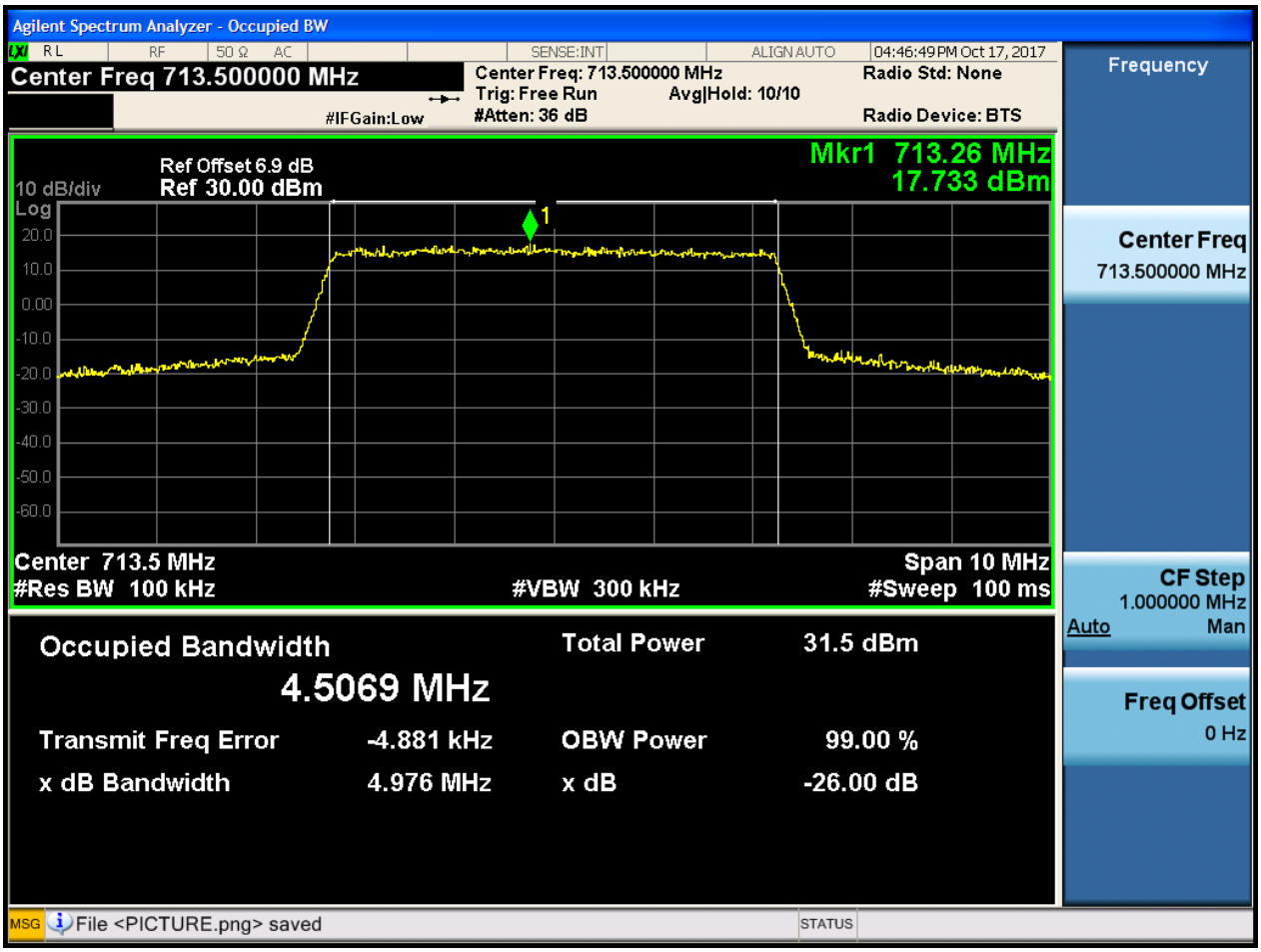
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

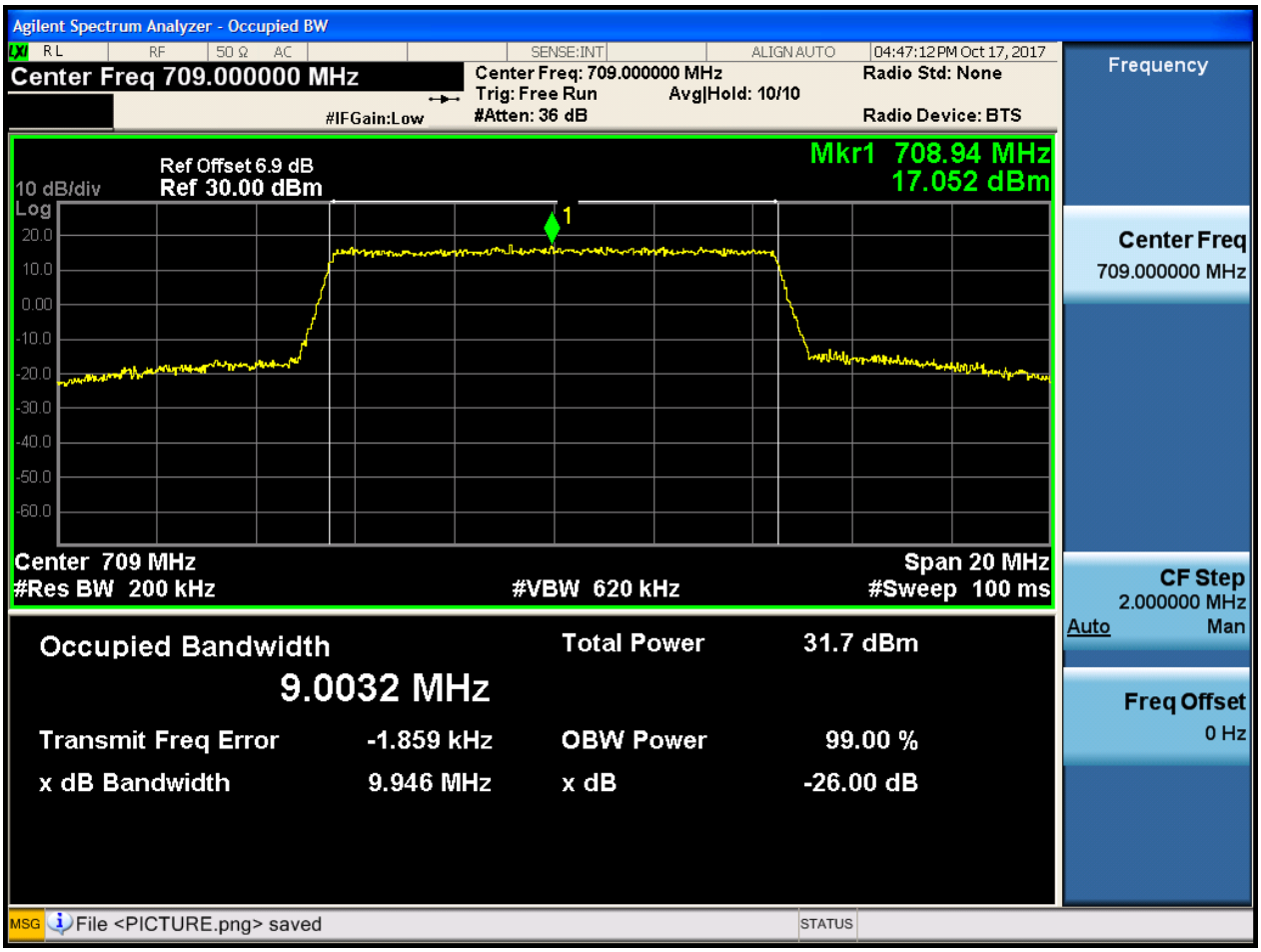
4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

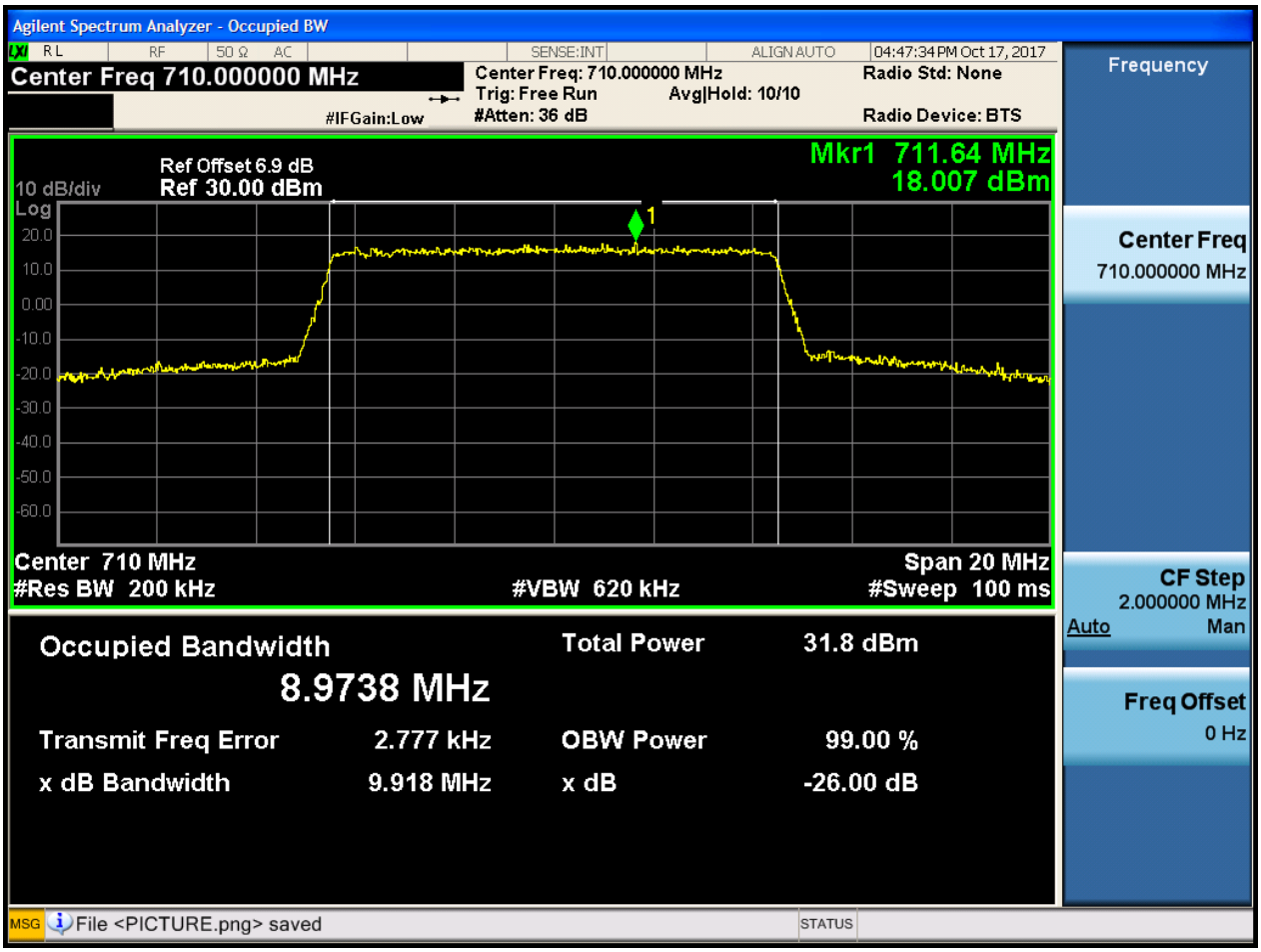
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0



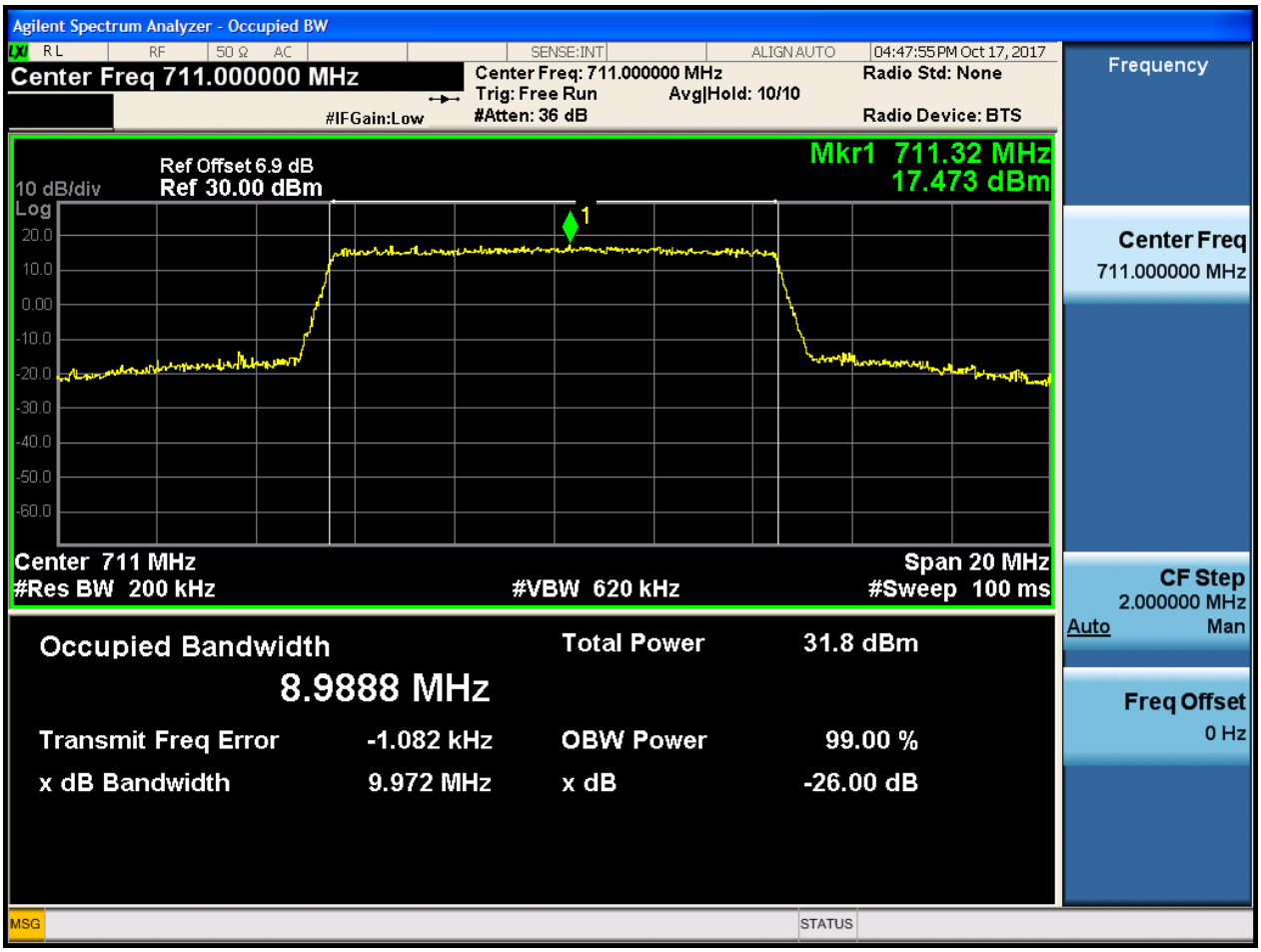
4.1.1.1.2.2 Test Channel = MCH

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

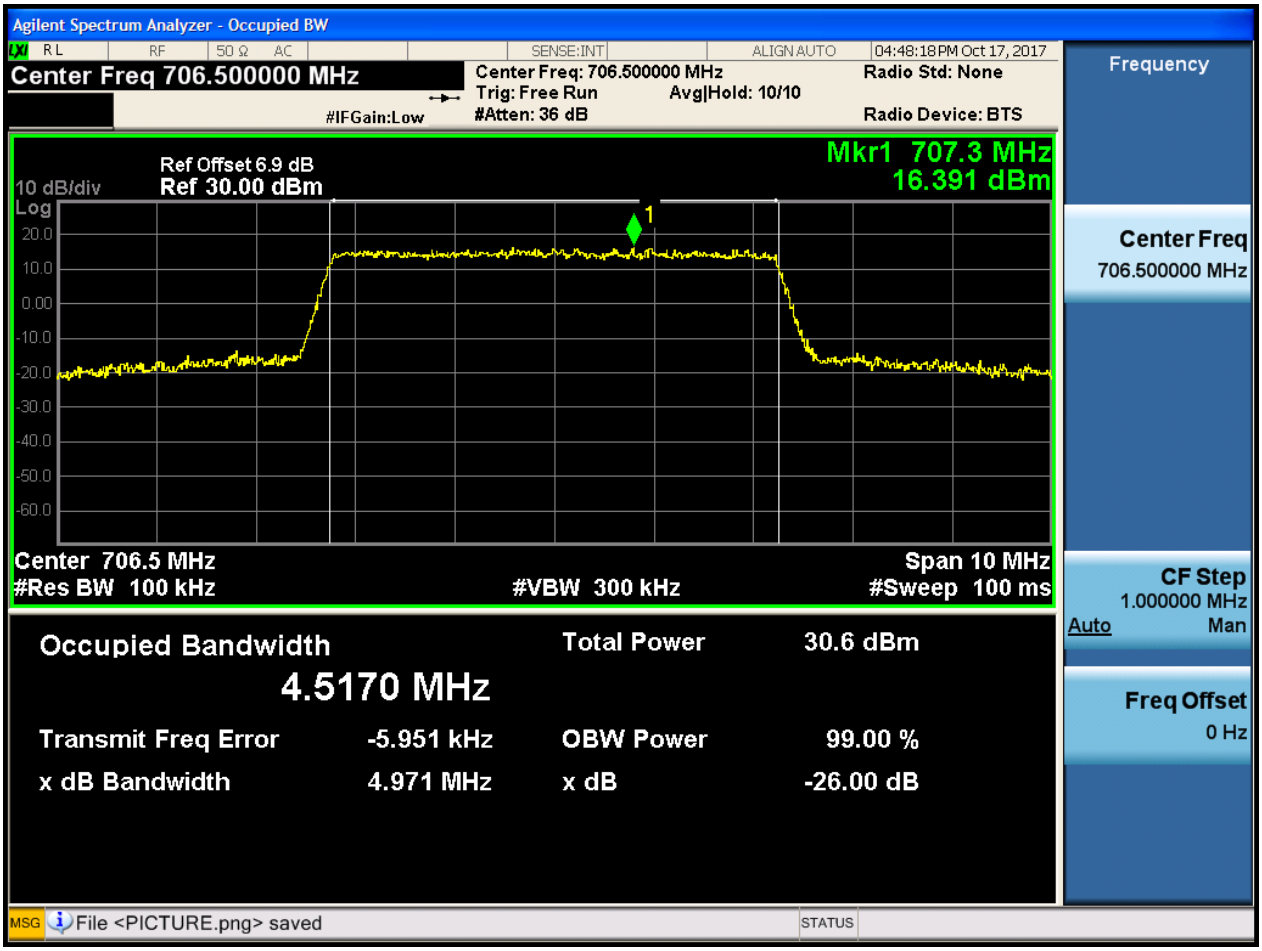


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

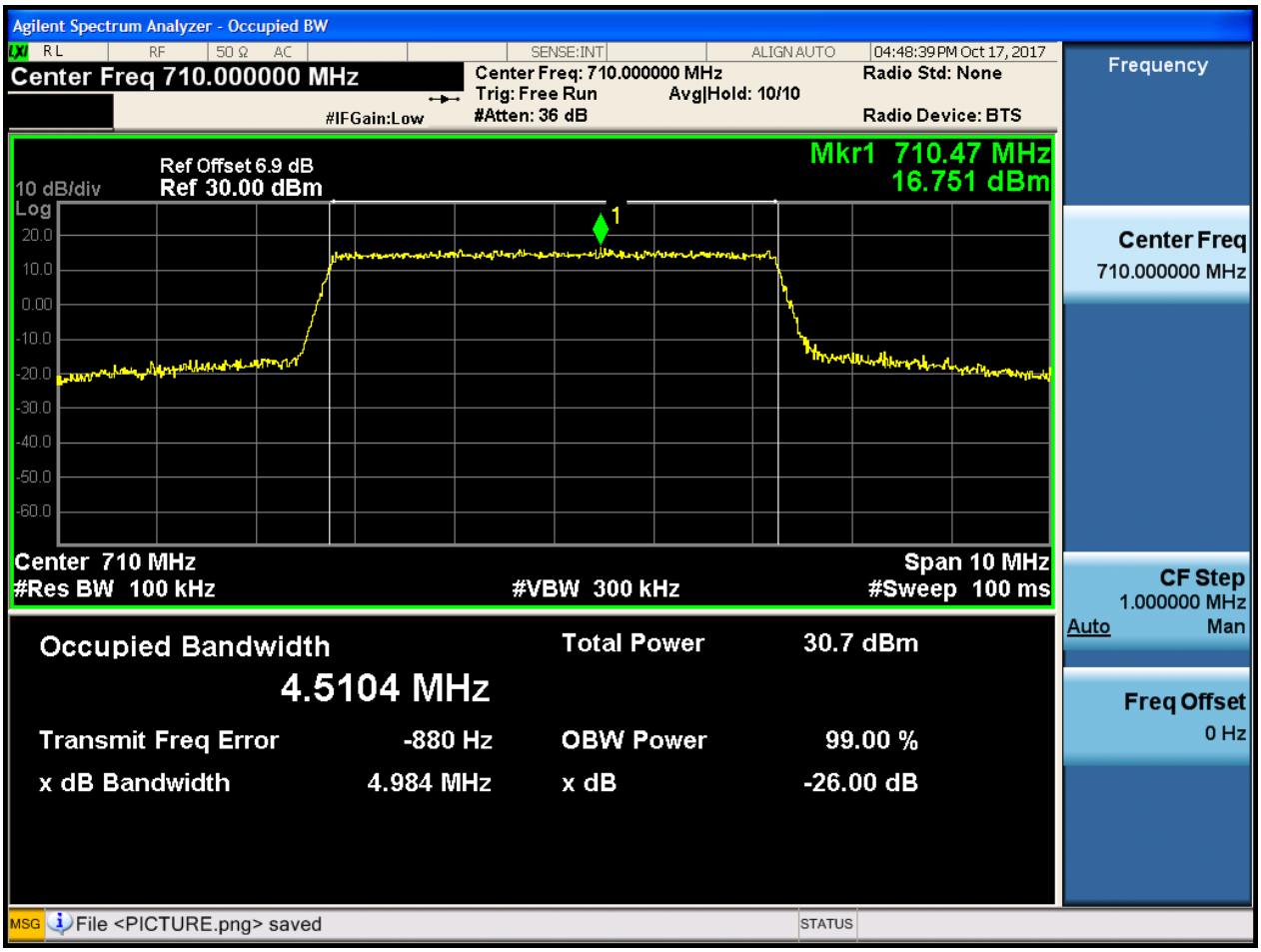
4.1.1.2.1.1 Test Channel = LCH

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



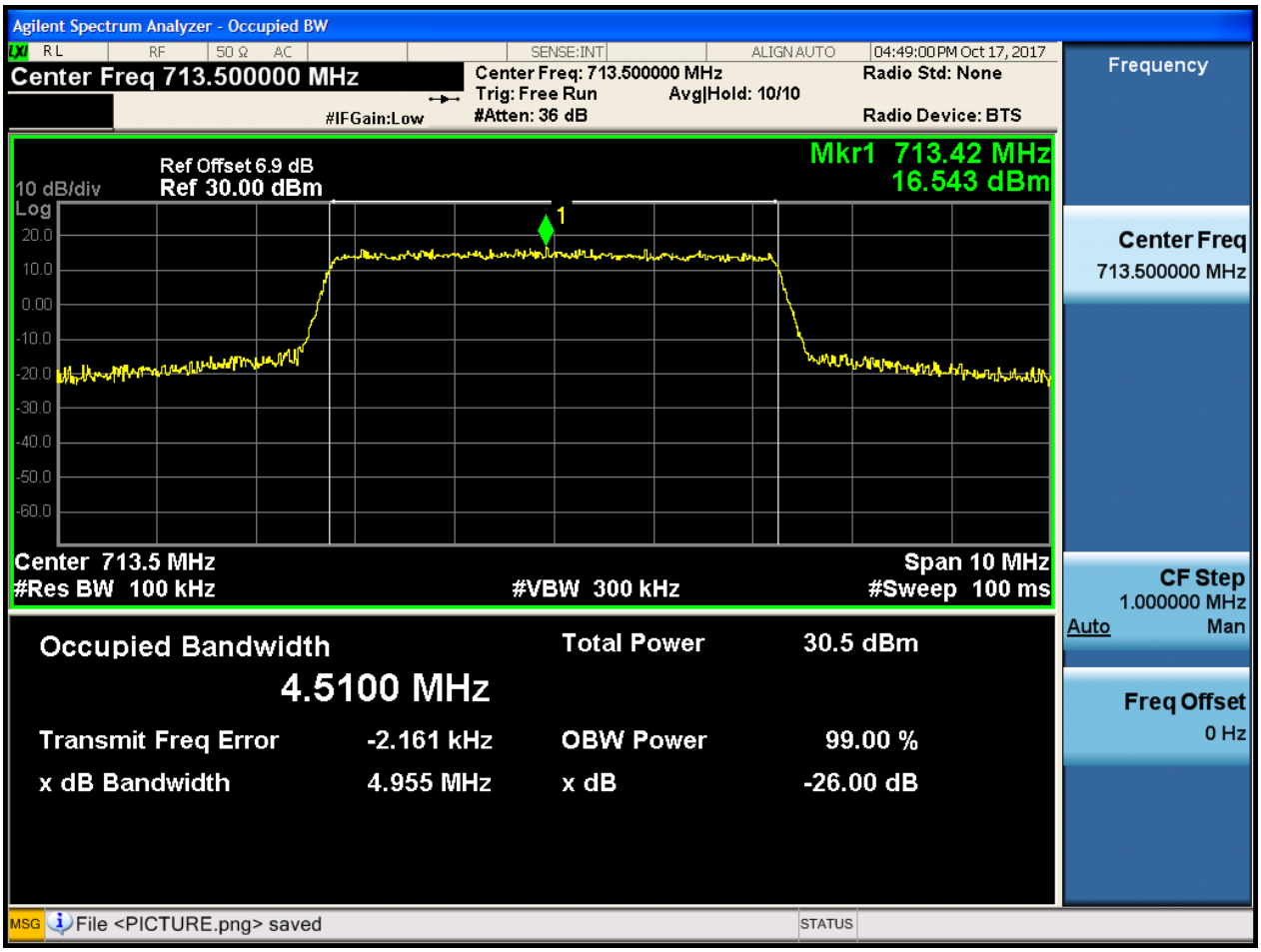
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

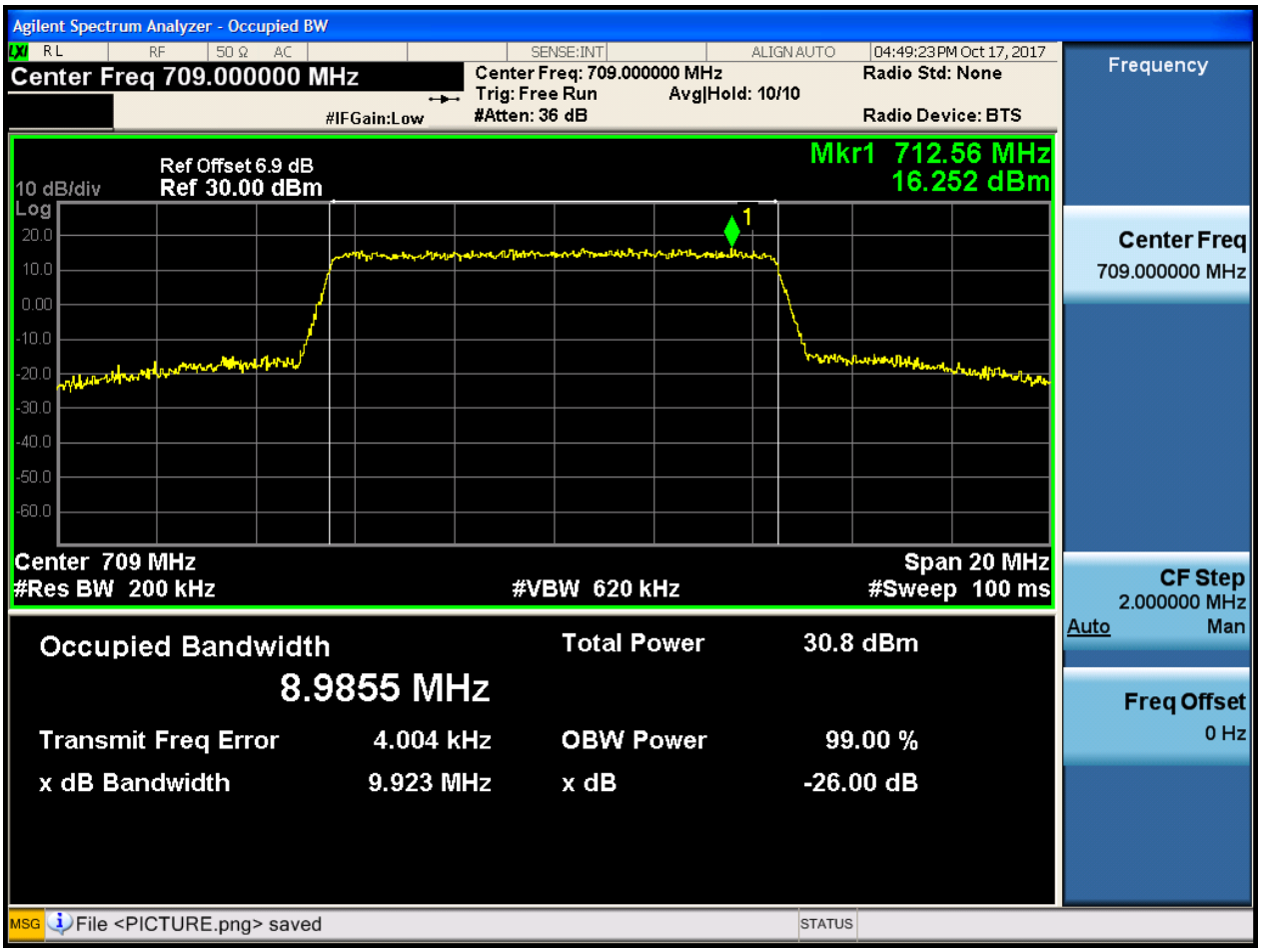
4.1.1.2.1.3.1 Test RB = RB25#0



4.1.1.2.2 Test Bandwidth = 10

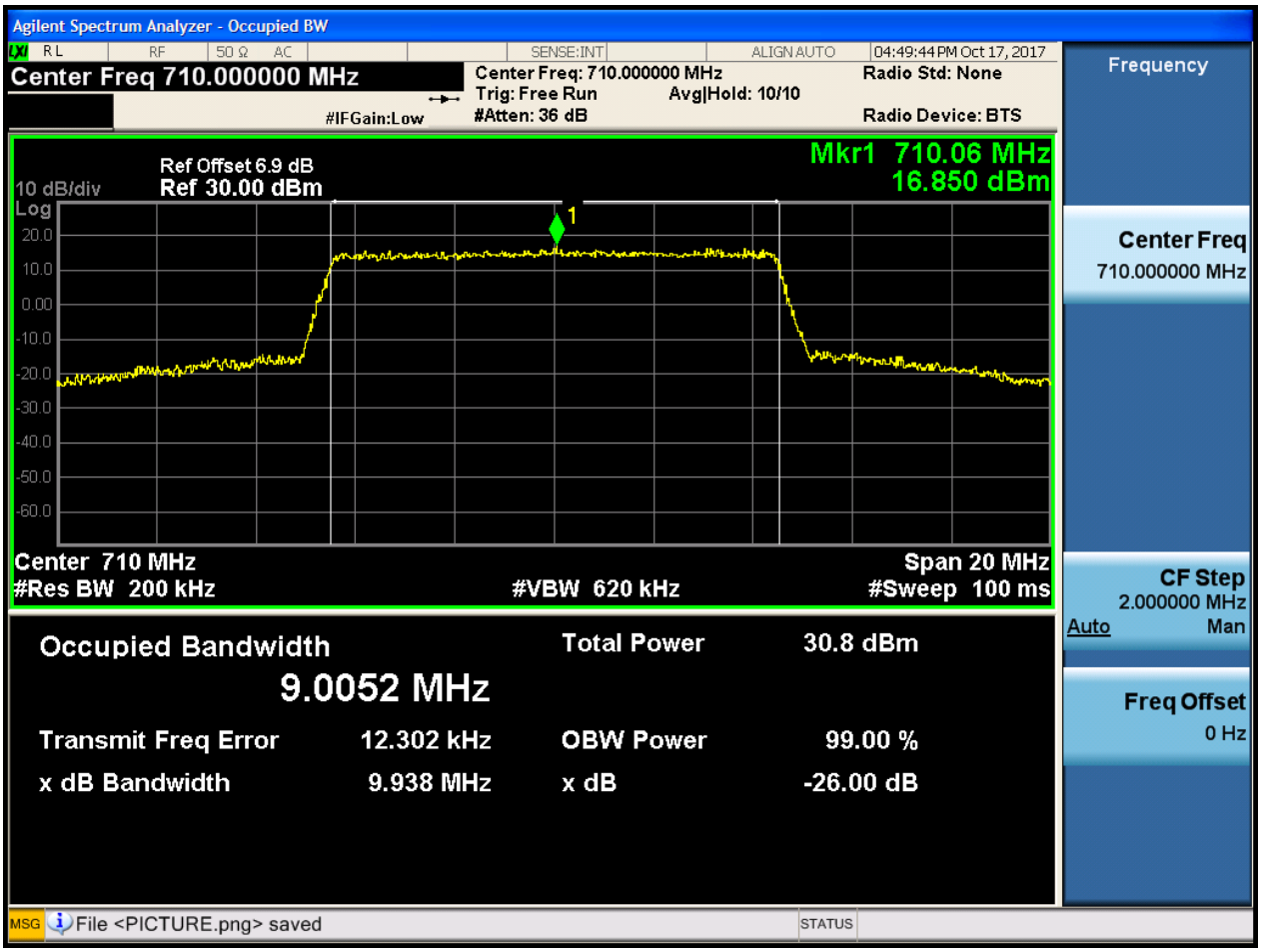
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



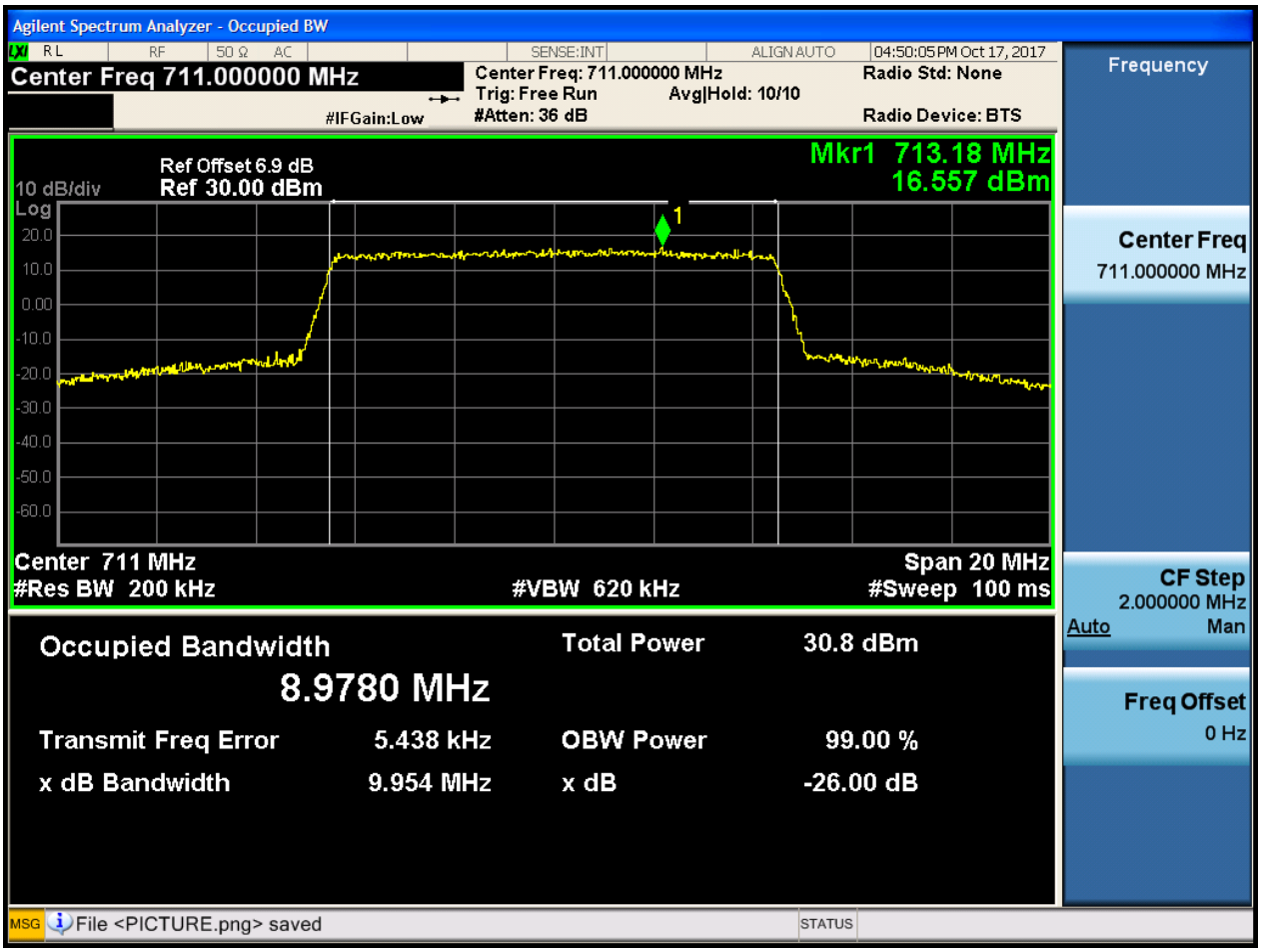
4.1.1.2.2.2 Test Channel = MCH

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

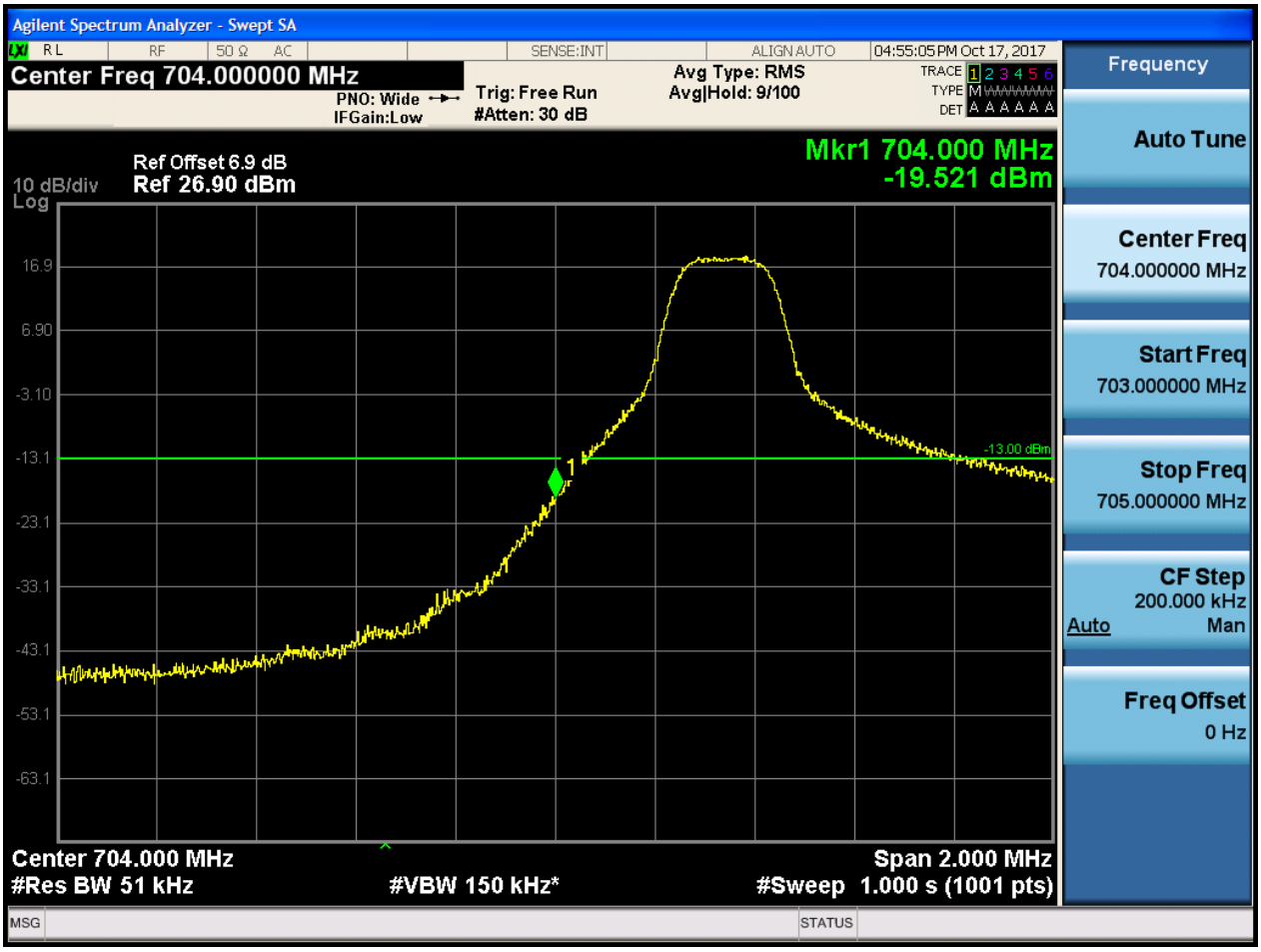
5.1.1 Test Band = BAND17

5.1.1.1 Test Mode = LTE/TM1

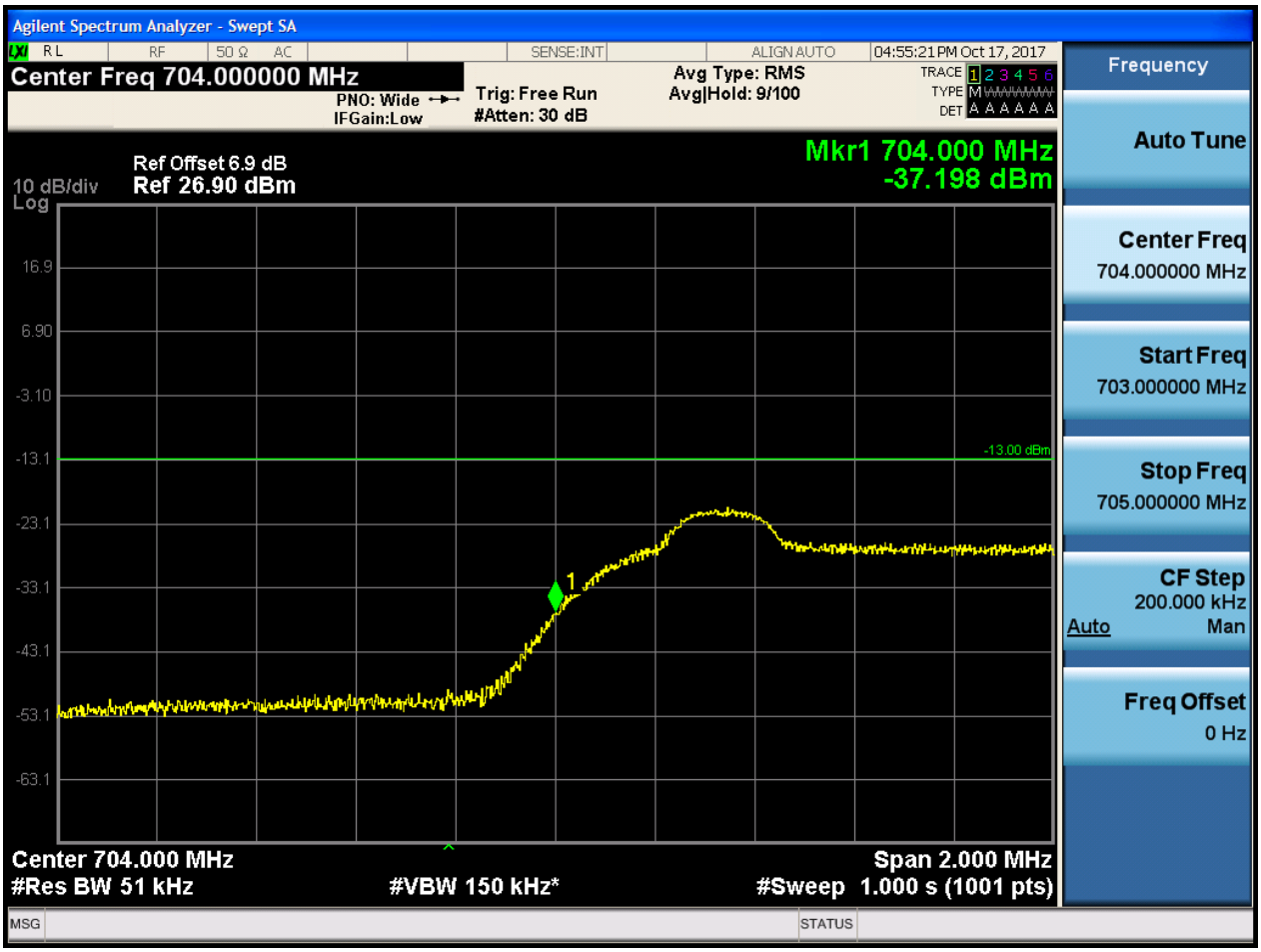
5.1.1.1.1 Test Bandwidth = 5

5.1.1.1.1.1 Test Channel = LCH

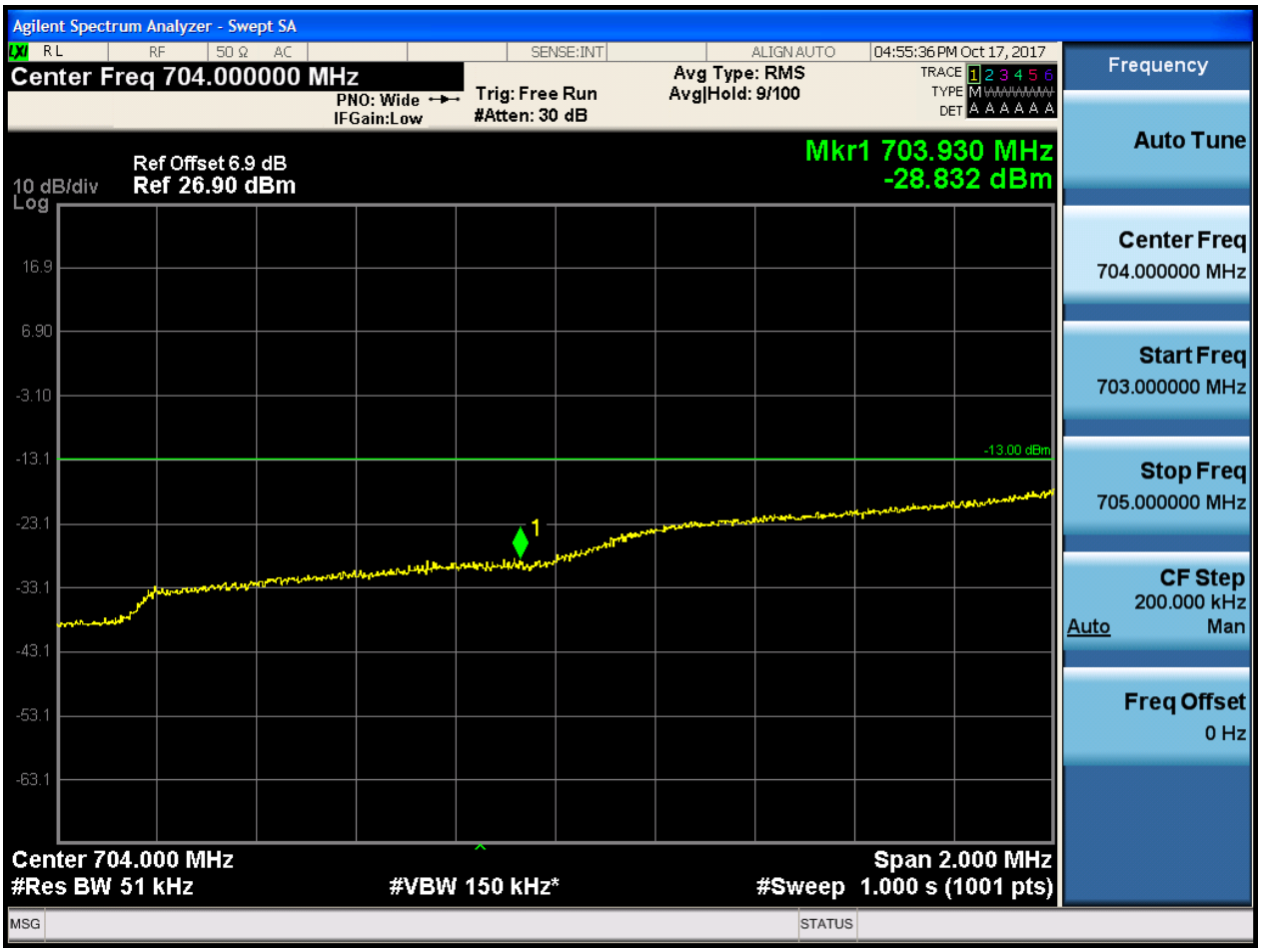
5.1.1.1.1.1.1 Test RB = RB1#0



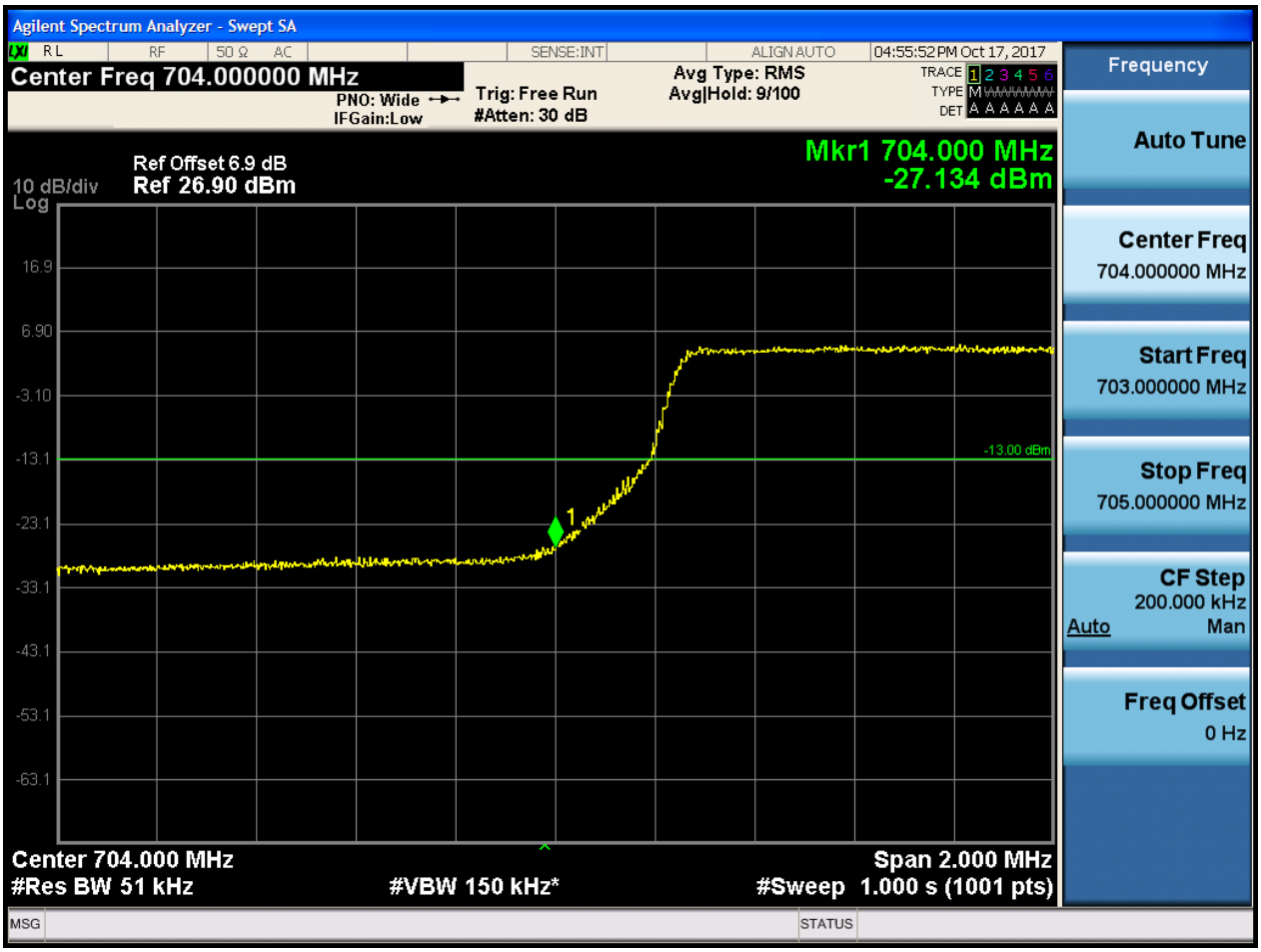
5.1.1.1.1.2 Test RB = RB1#24



5.1.1.1.1.3 Test RB = RB12#6

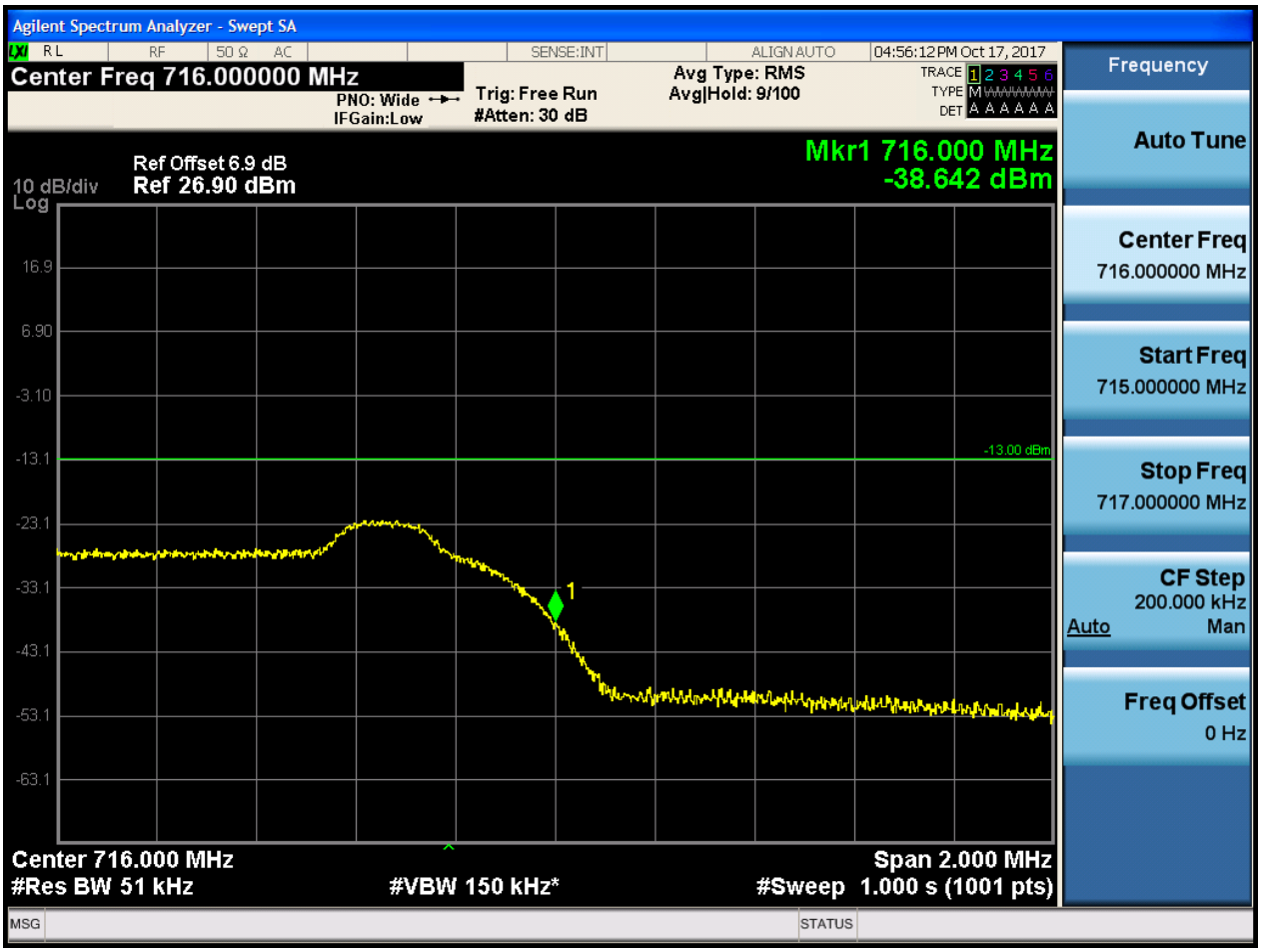


5.1.1.1.1.4 Test RB = RB25#0

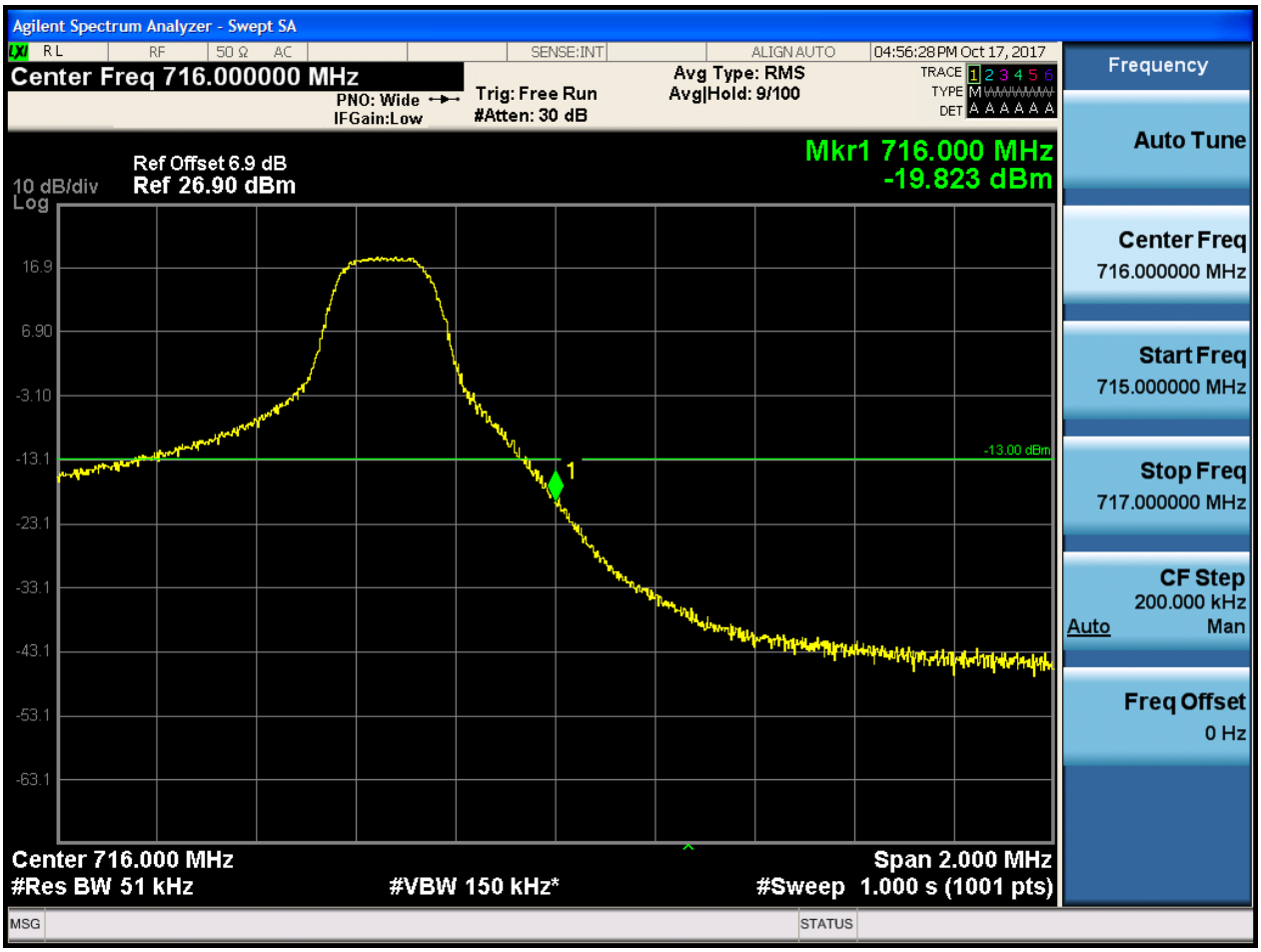


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0

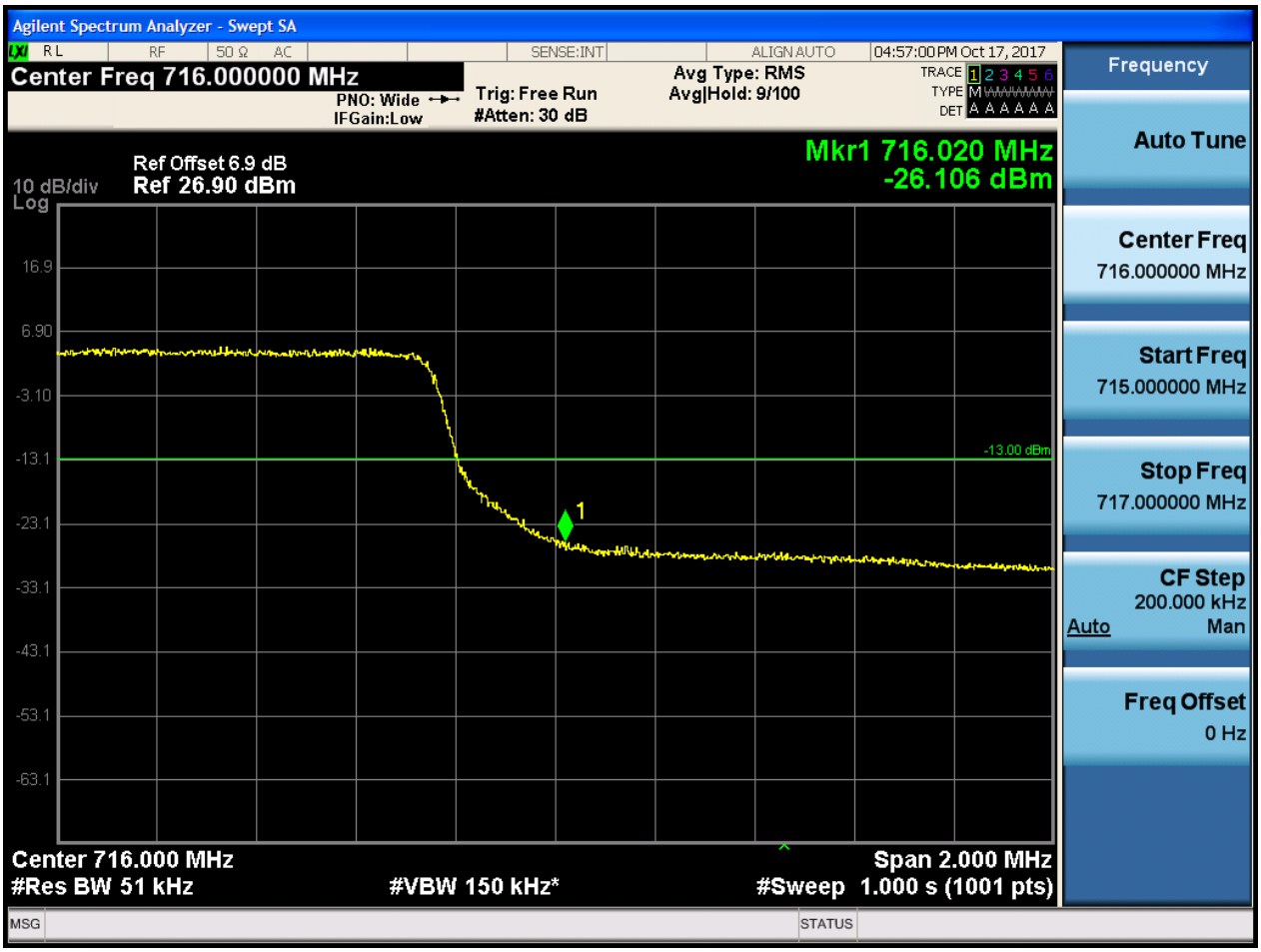


5.1.1.1.1.2.2 Test RB = RB1#24



5.1.1.1.1.2.3 Test RB = RB12#6

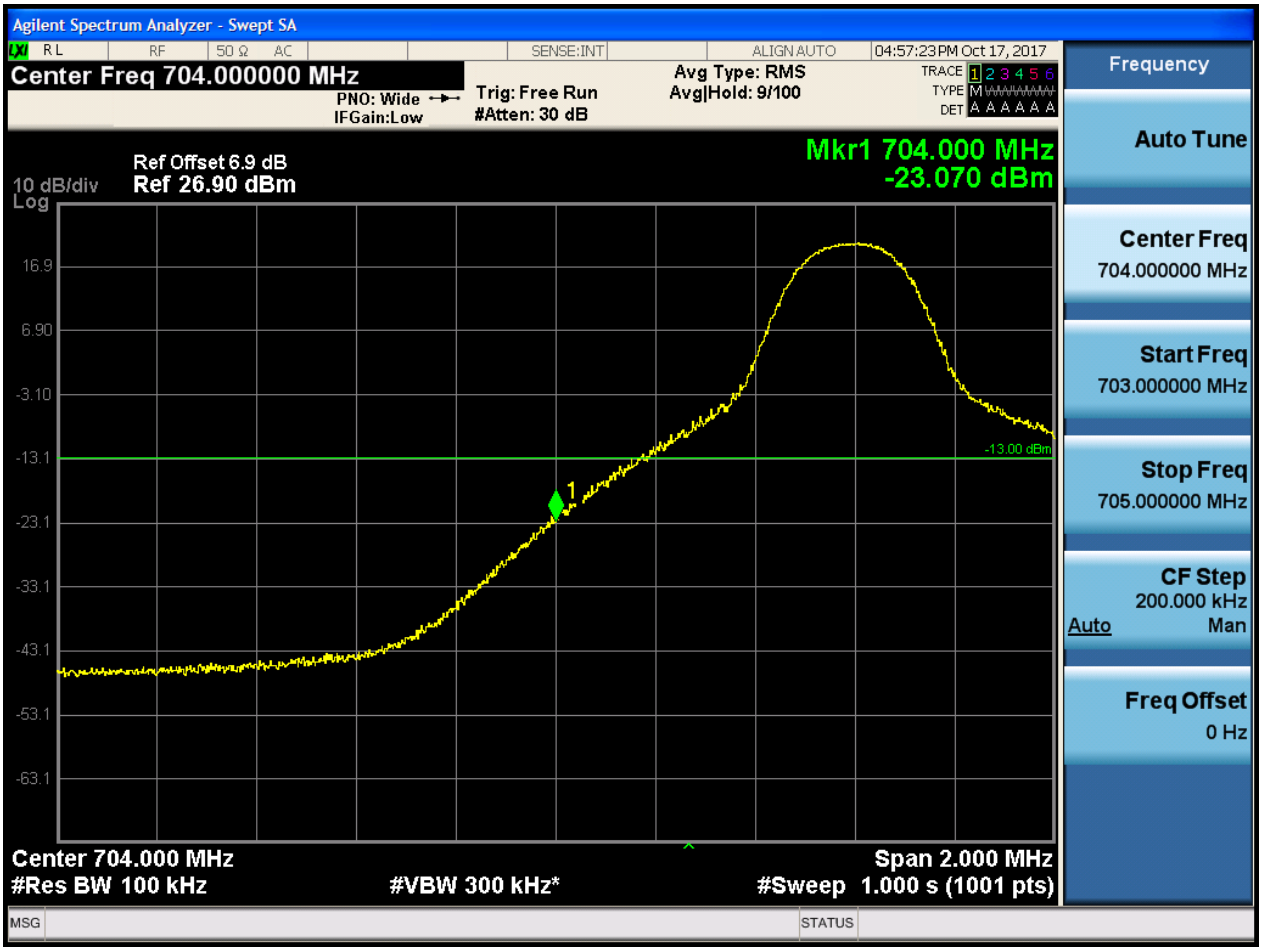
5.1.1.1.1.2.4 Test RB = RB25#0



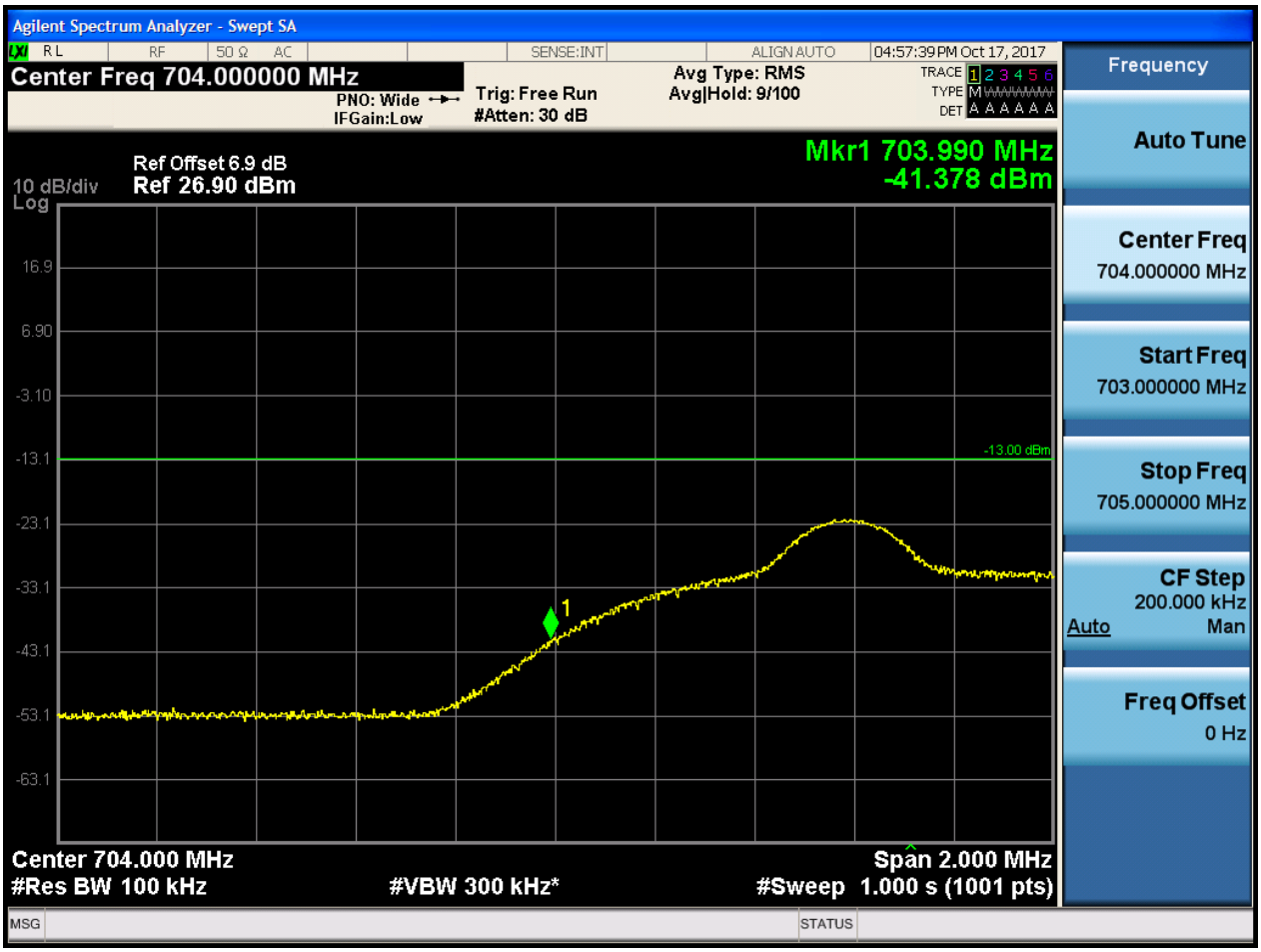
5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

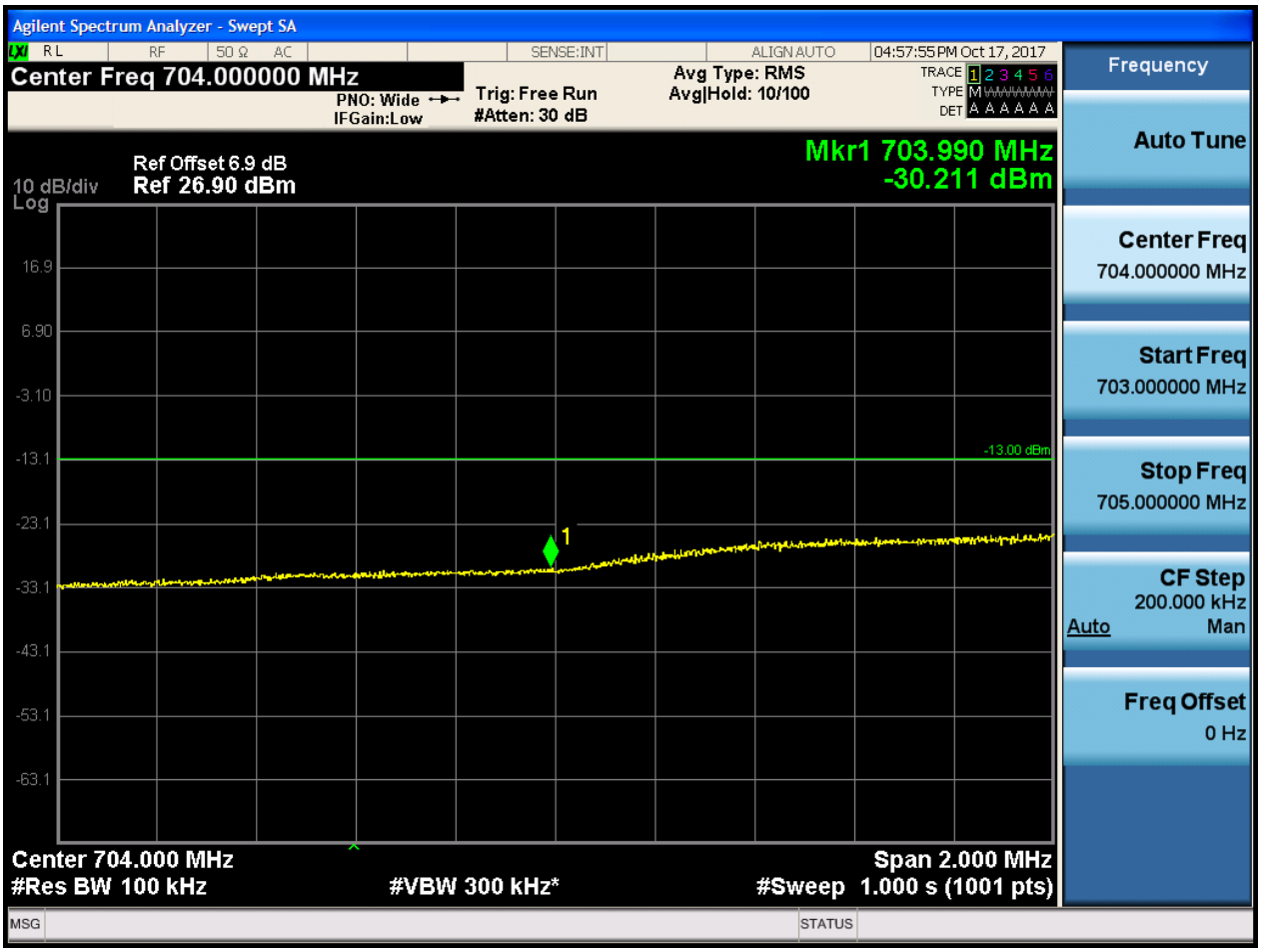
5.1.1.1.2.1.1 Test RB = RB1#0



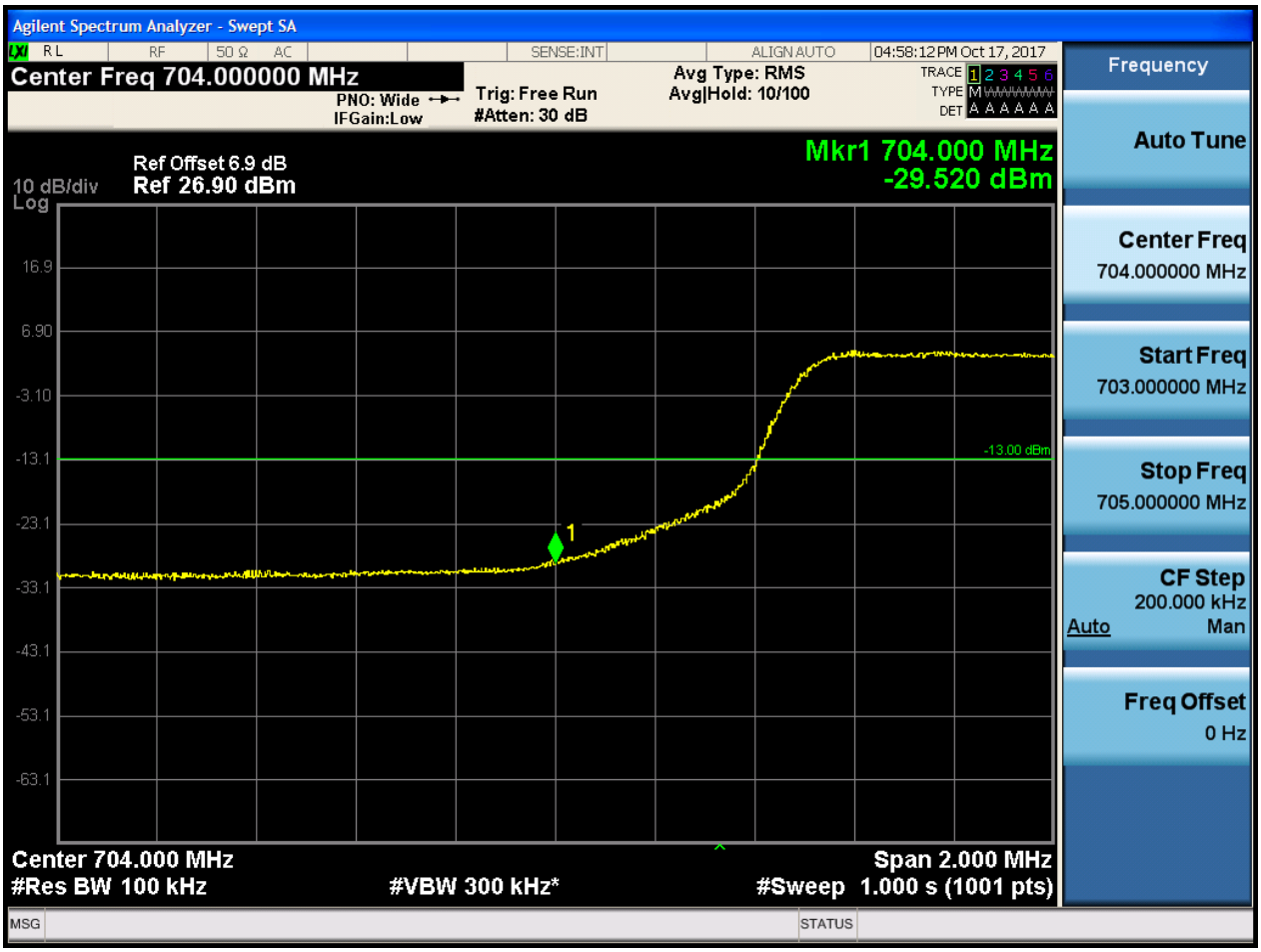
5.1.1.1.2.1.2 Test RB = RB1#49



5.1.1.1.2.1.3 Test RB = RB25#13



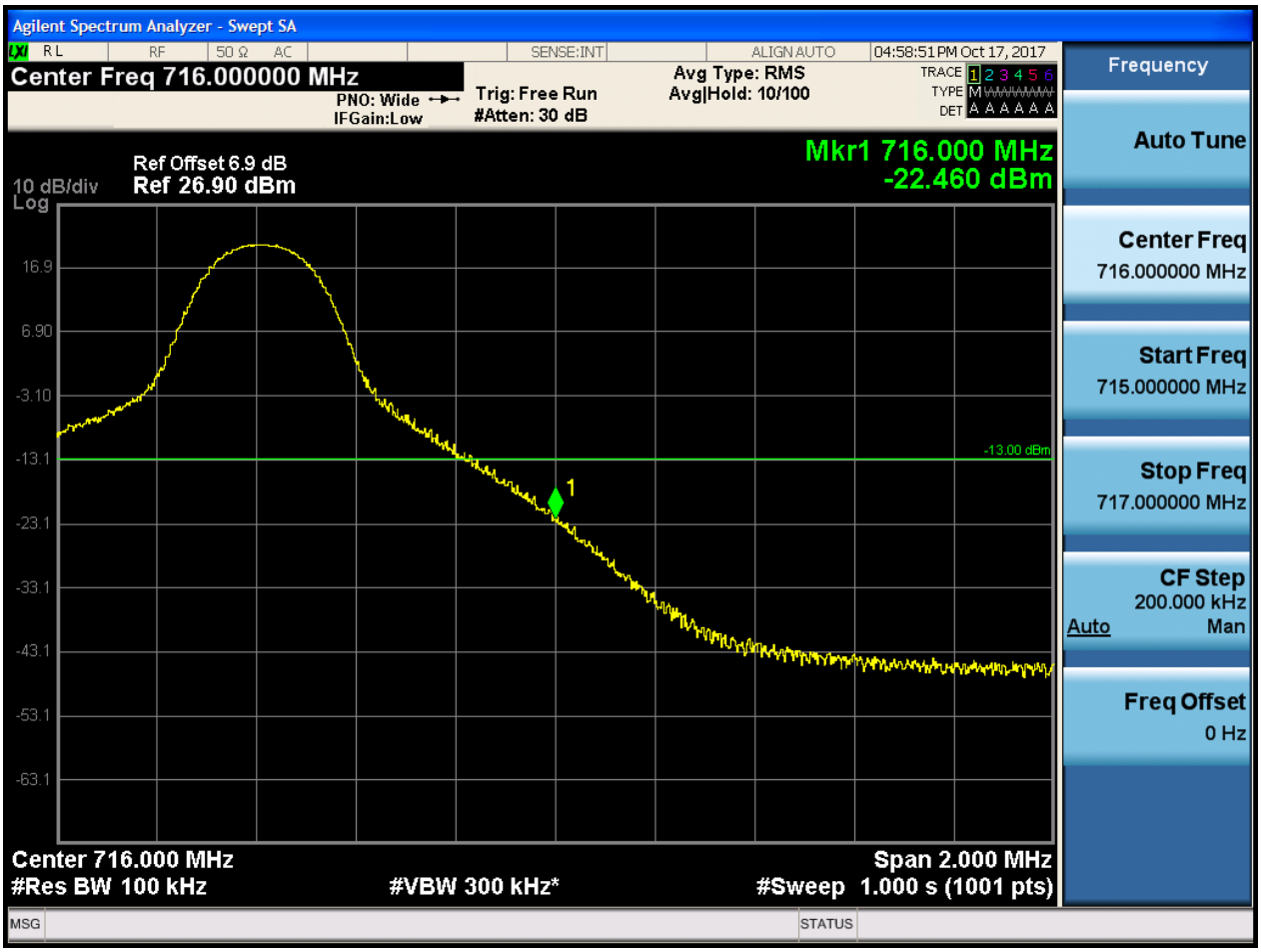
5.1.1.1.2.1.4 Test RB = RB50#0



5.1.1.1.2.2 Test Channel = HCH

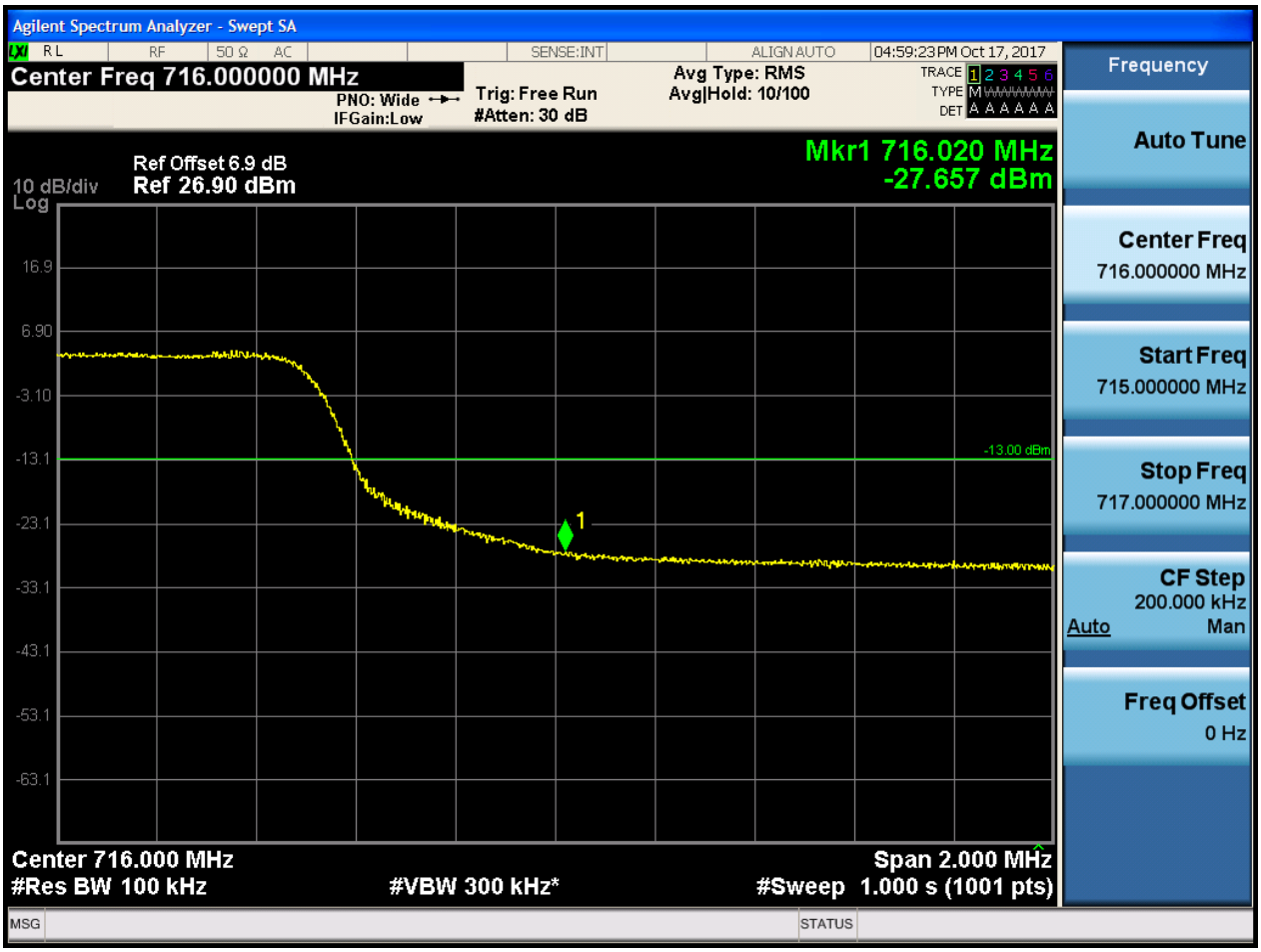
5.1.1.1.2.2.1 Test RB = RB1#0

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

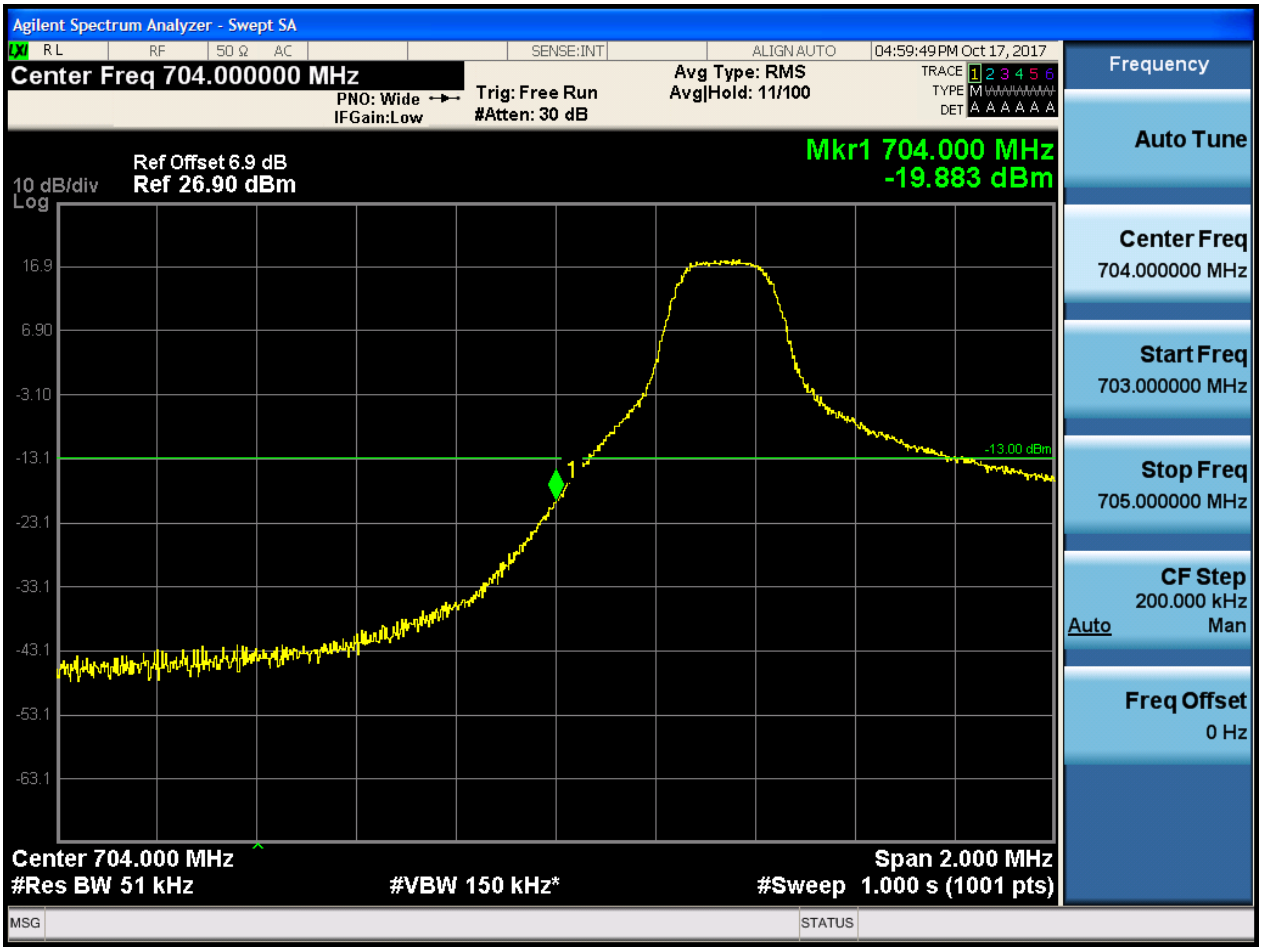


5.1.1.2 Test Mode = LTE/TM2

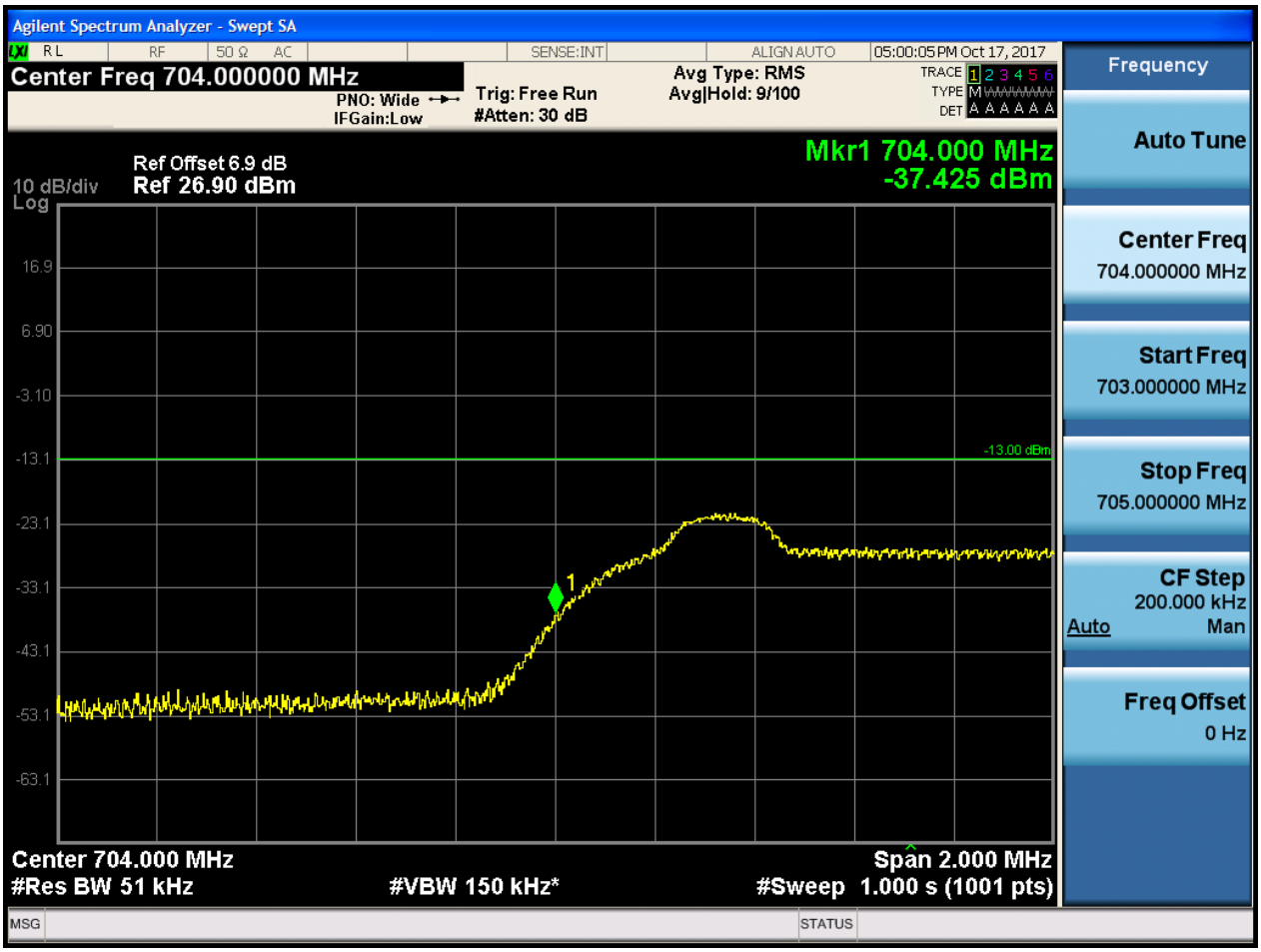
5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

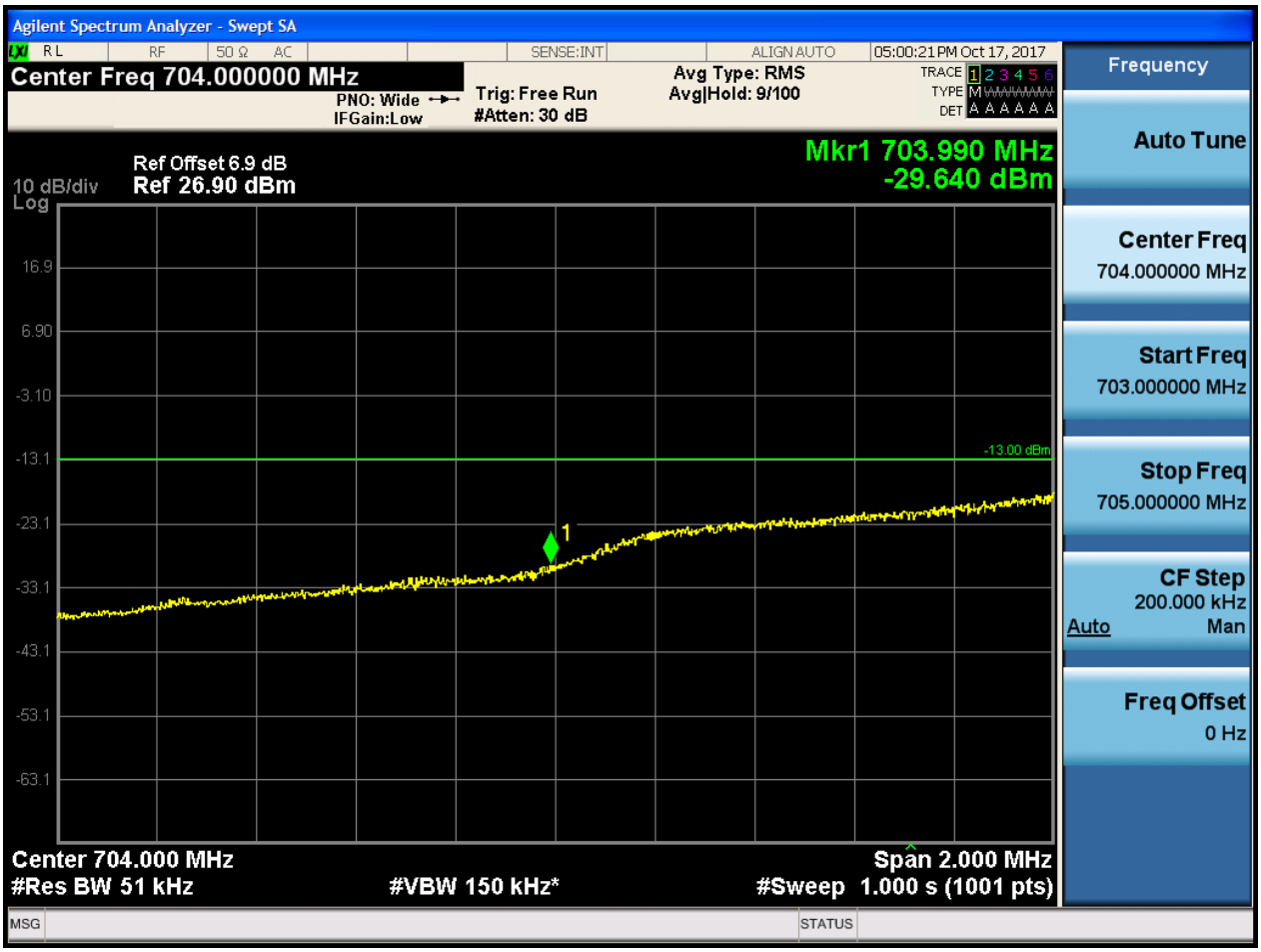
####### 5.1.1.2.1.1.1 Test RB = RB1#0



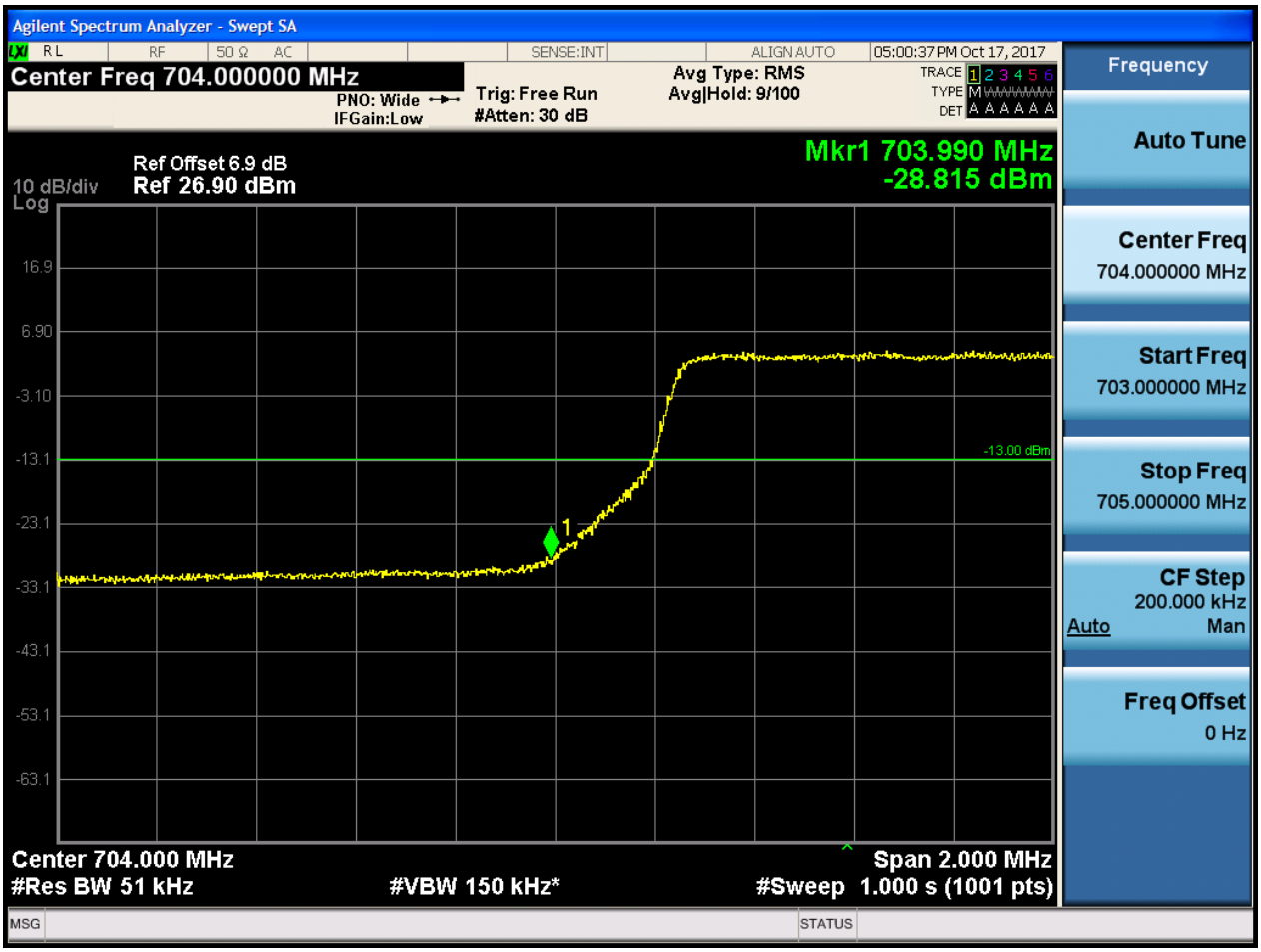
5.1.1.2.1.1.2 Test RB = RB1#24



5.1.1.2.1.1.3 Test RB = RB12#6

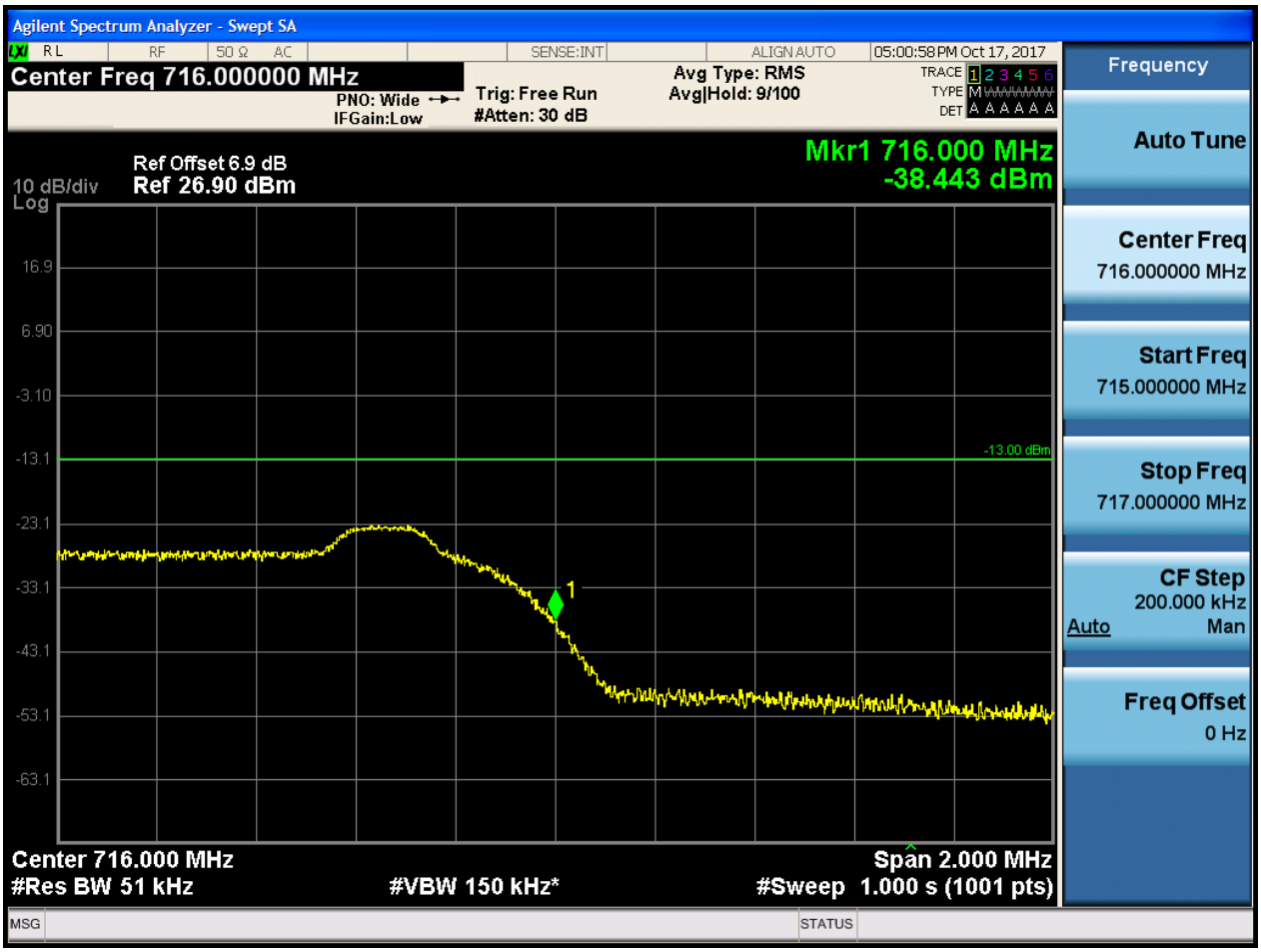


5.1.1.2.1.1.4 Test RB = RB25#0

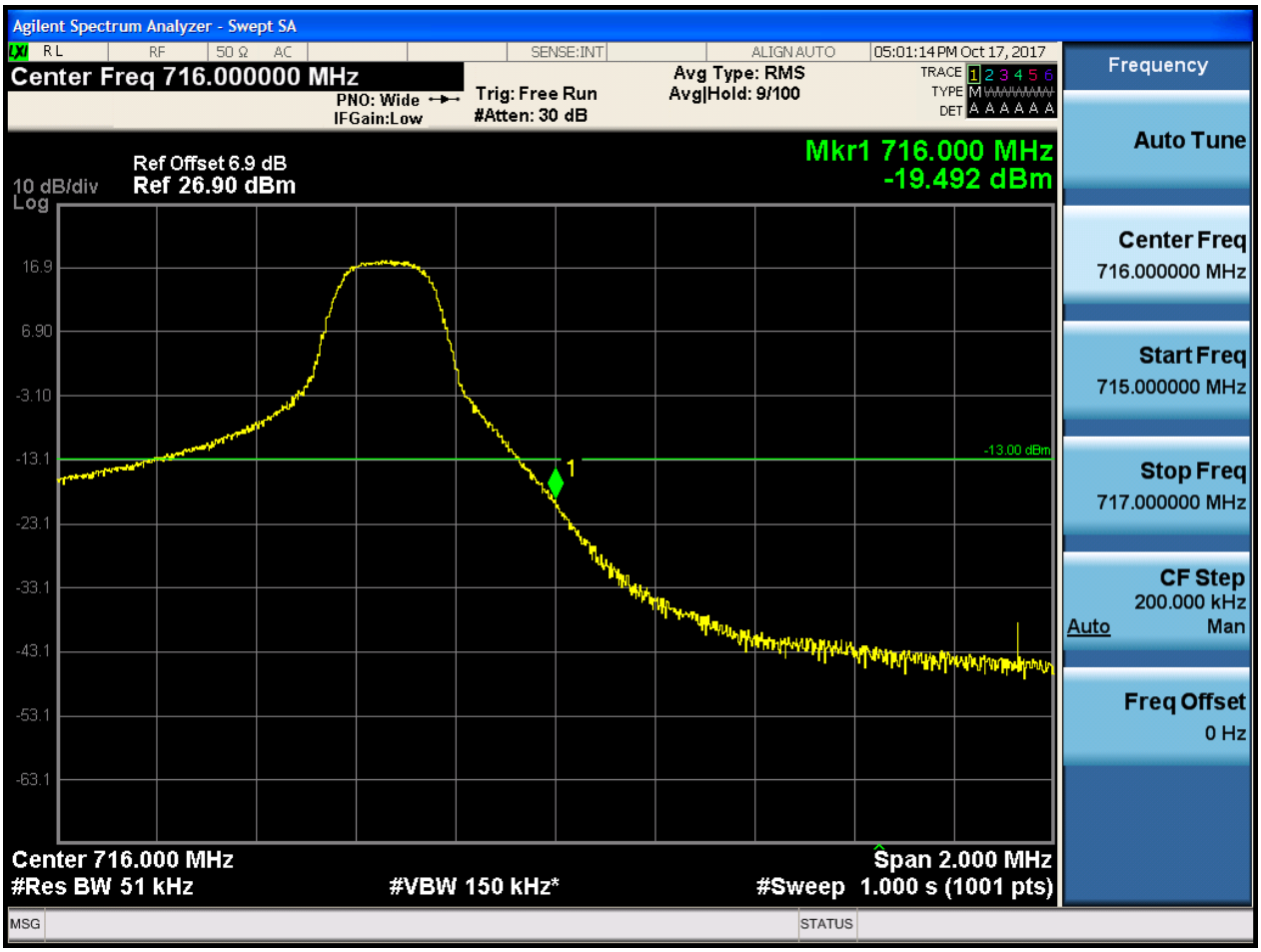


5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

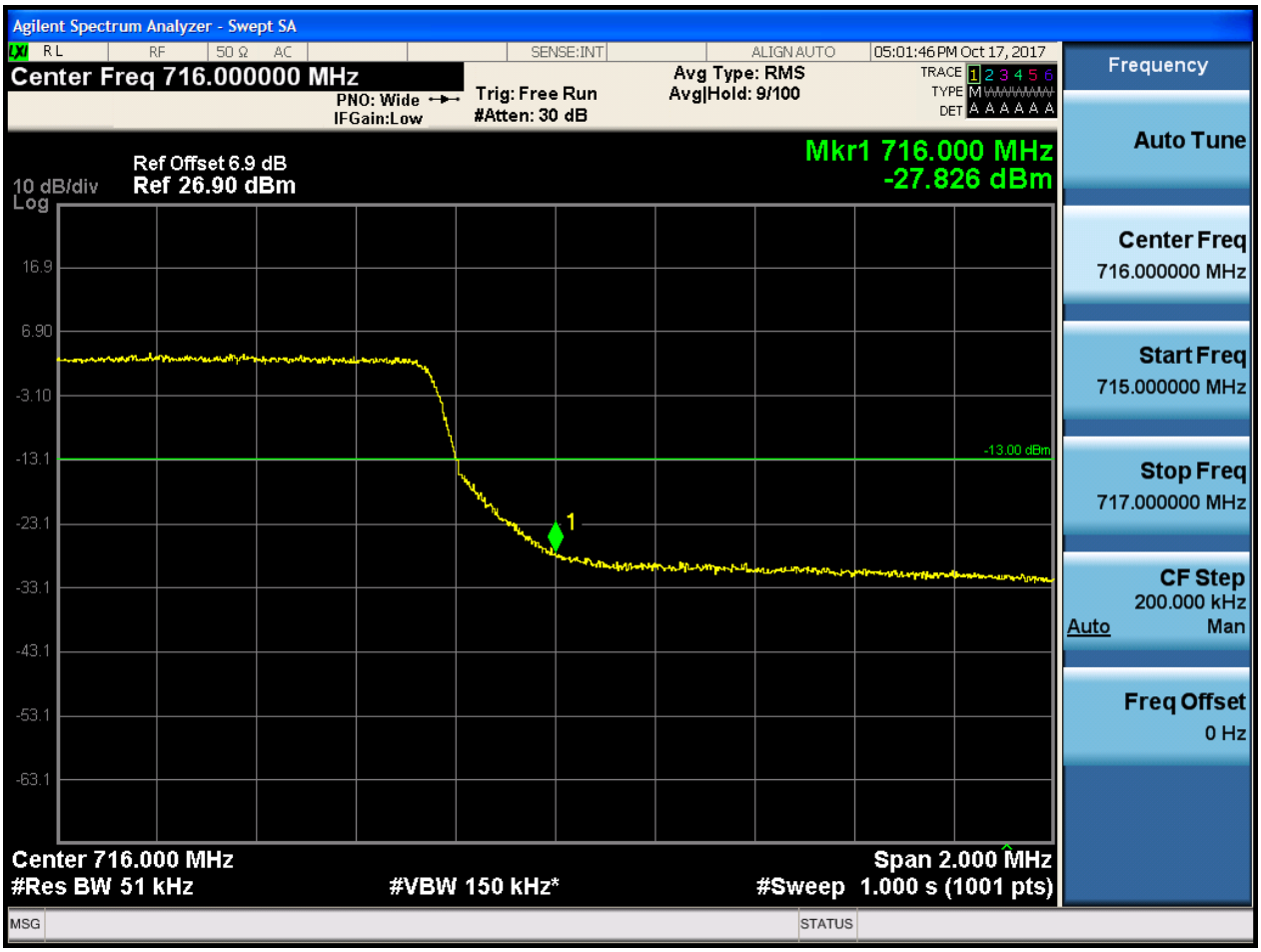


5.1.1.2.1.2.2 Test RB = RB1#24



5.1.1.2.1.2.3 Test RB = RB12#6

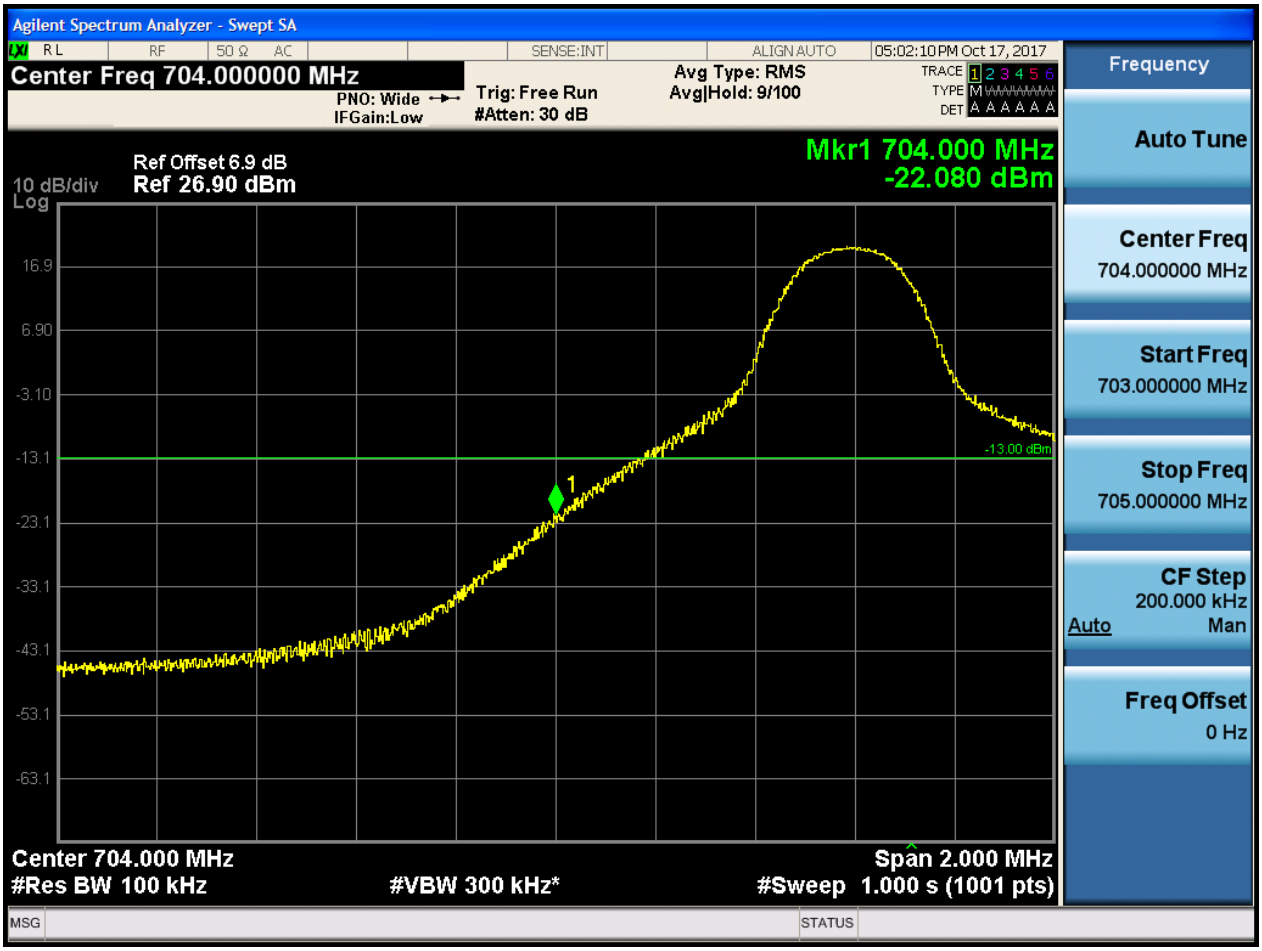
5.1.1.2.1.2.4 Test RB = RB25#0



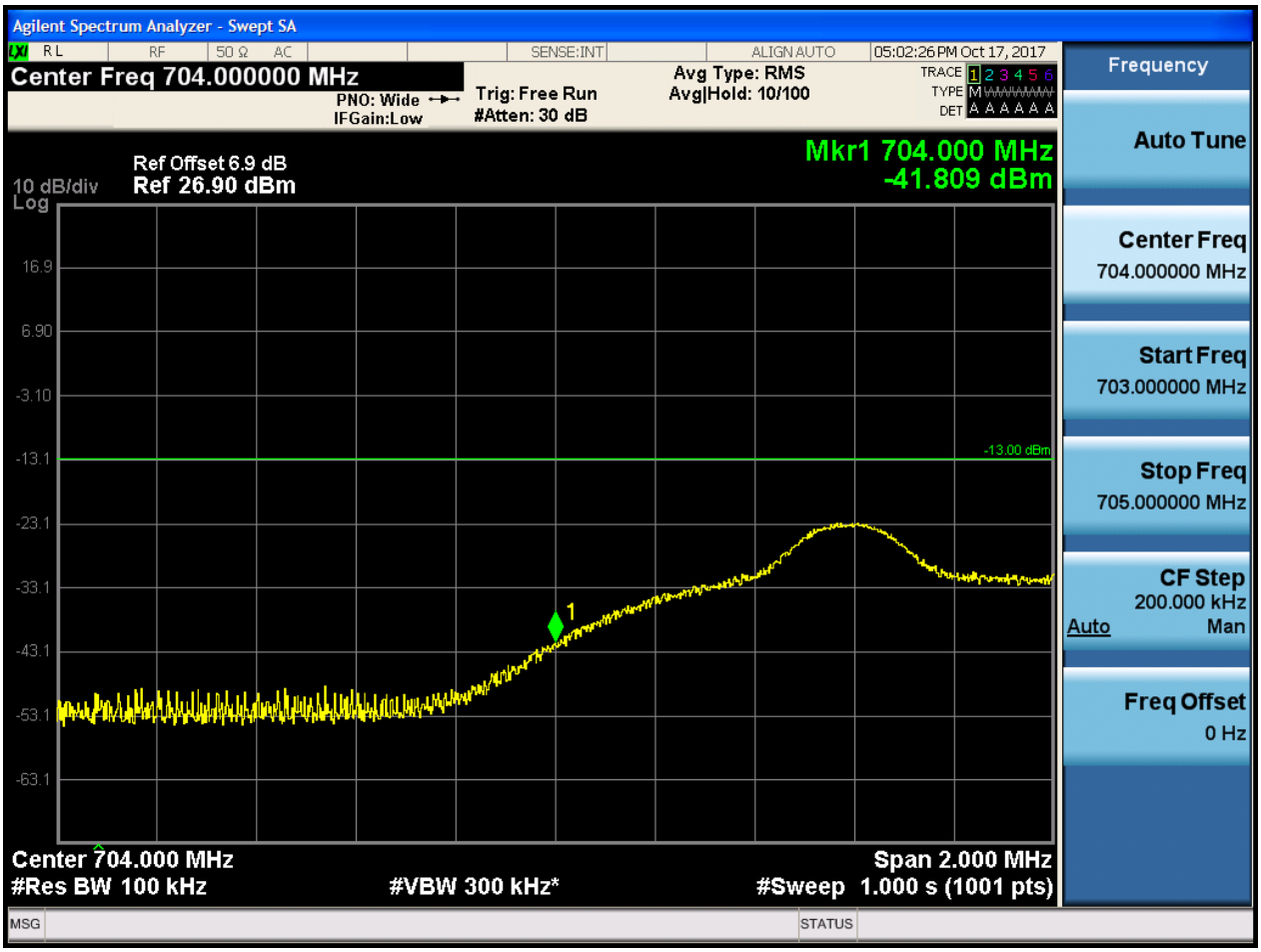
5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

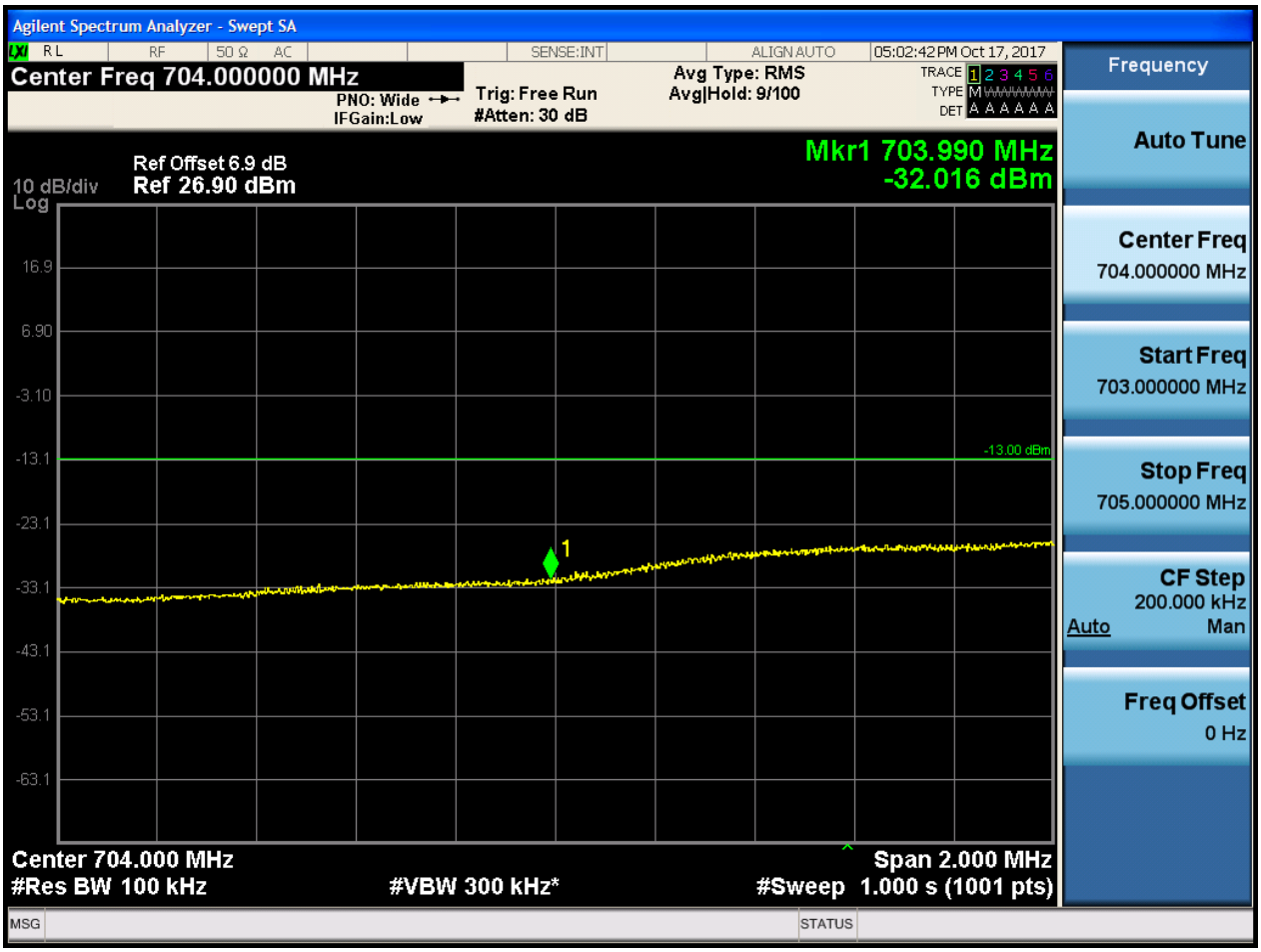
5.1.1.2.2.1.1 Test RB = RB1#0



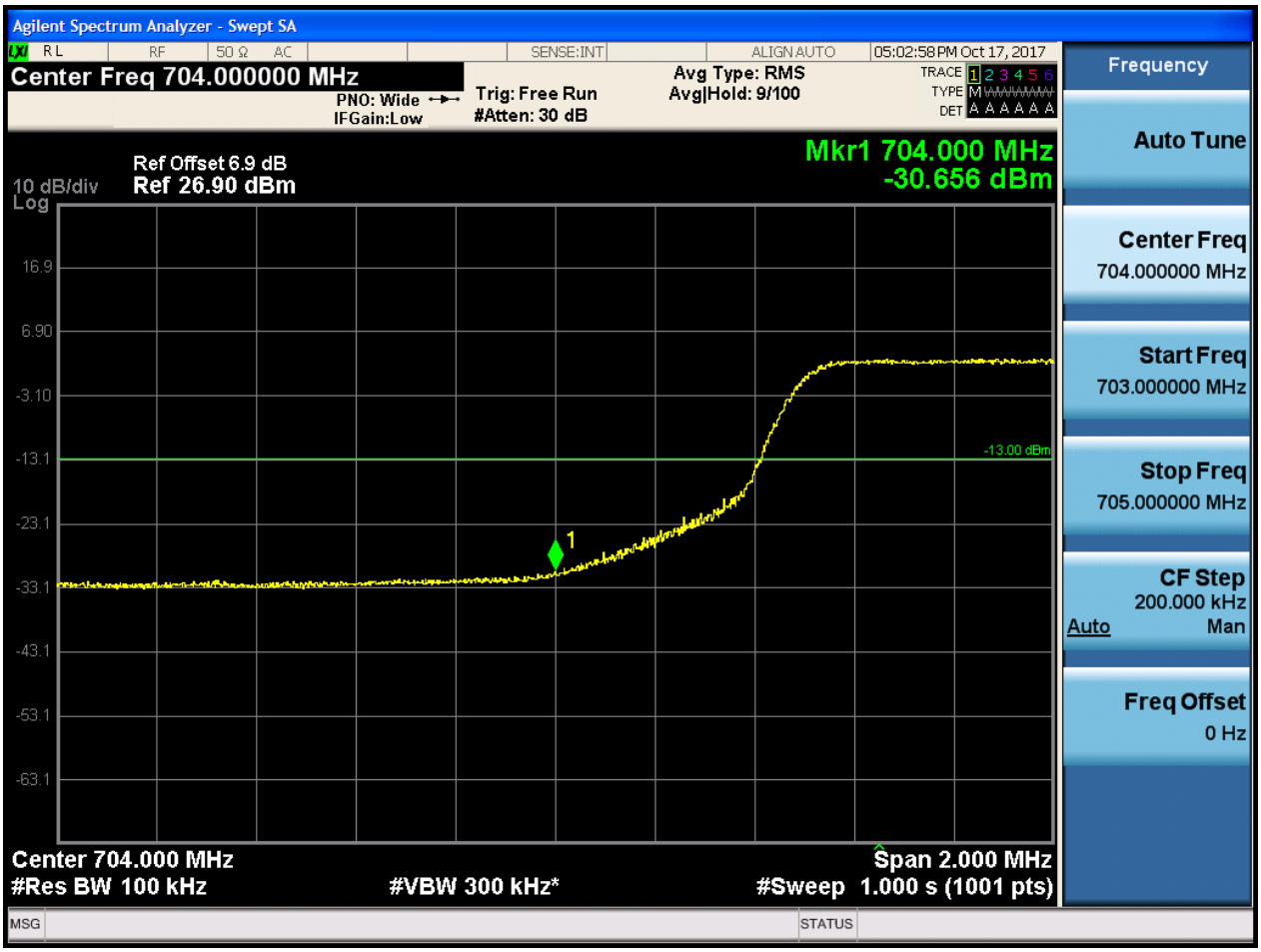
5.1.1.2.2.1.2 Test RB = RB1#49



5.1.1.2.2.1.3 Test RB = RB25#13

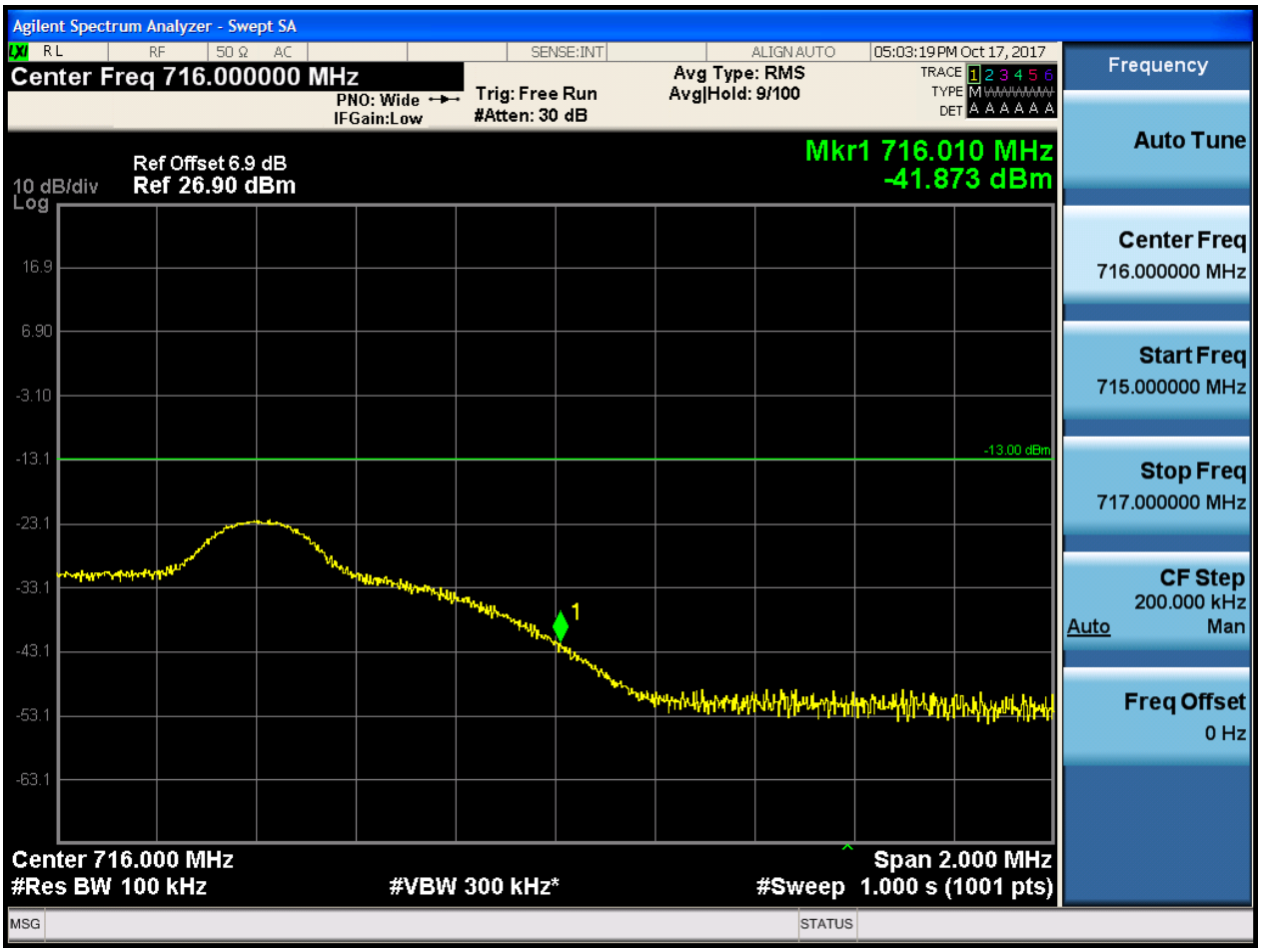


5.1.1.2.2.1.4 Test RB = RB50#0

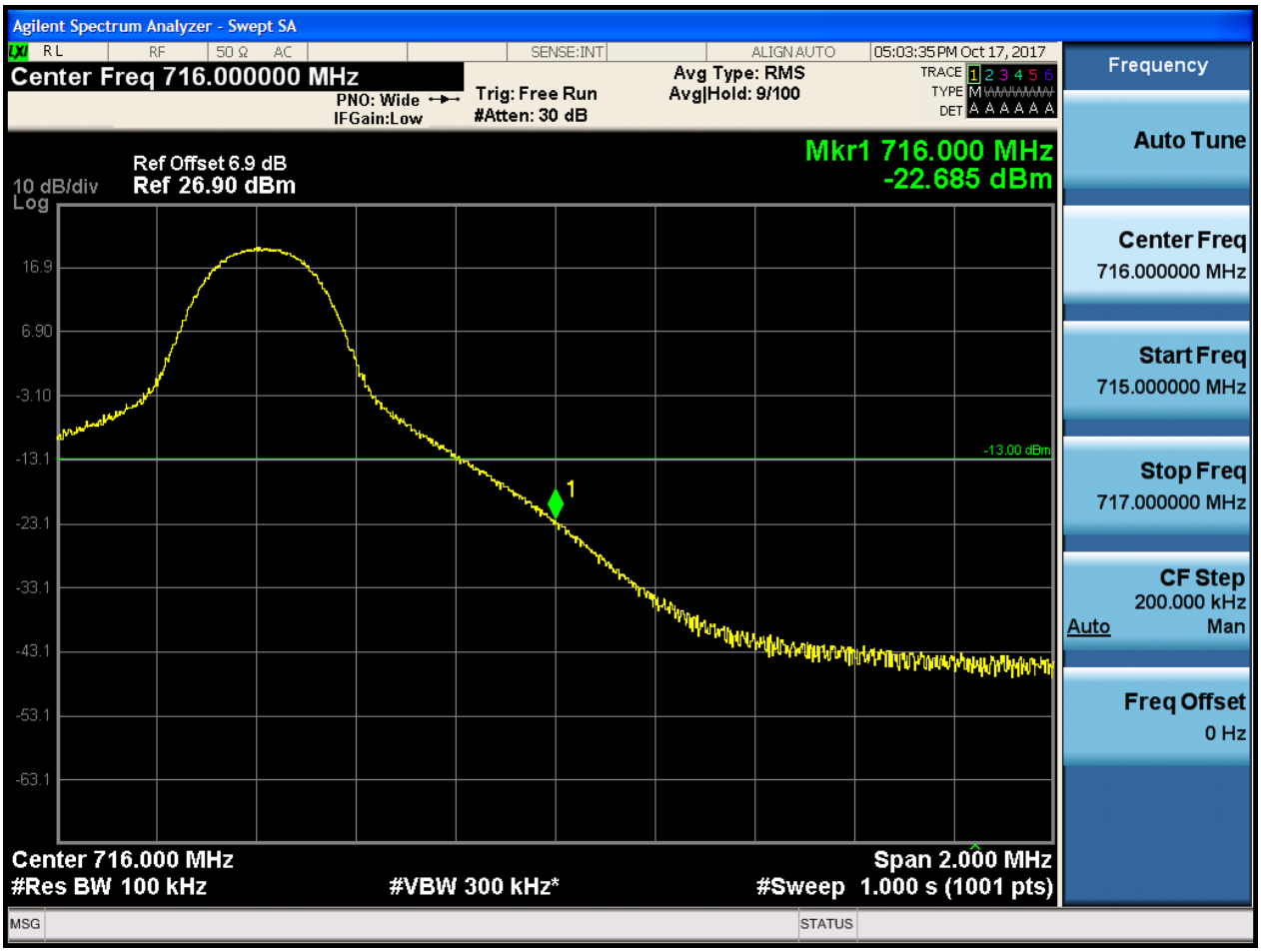


5.1.1.2.2.2 Test Channel = HCH

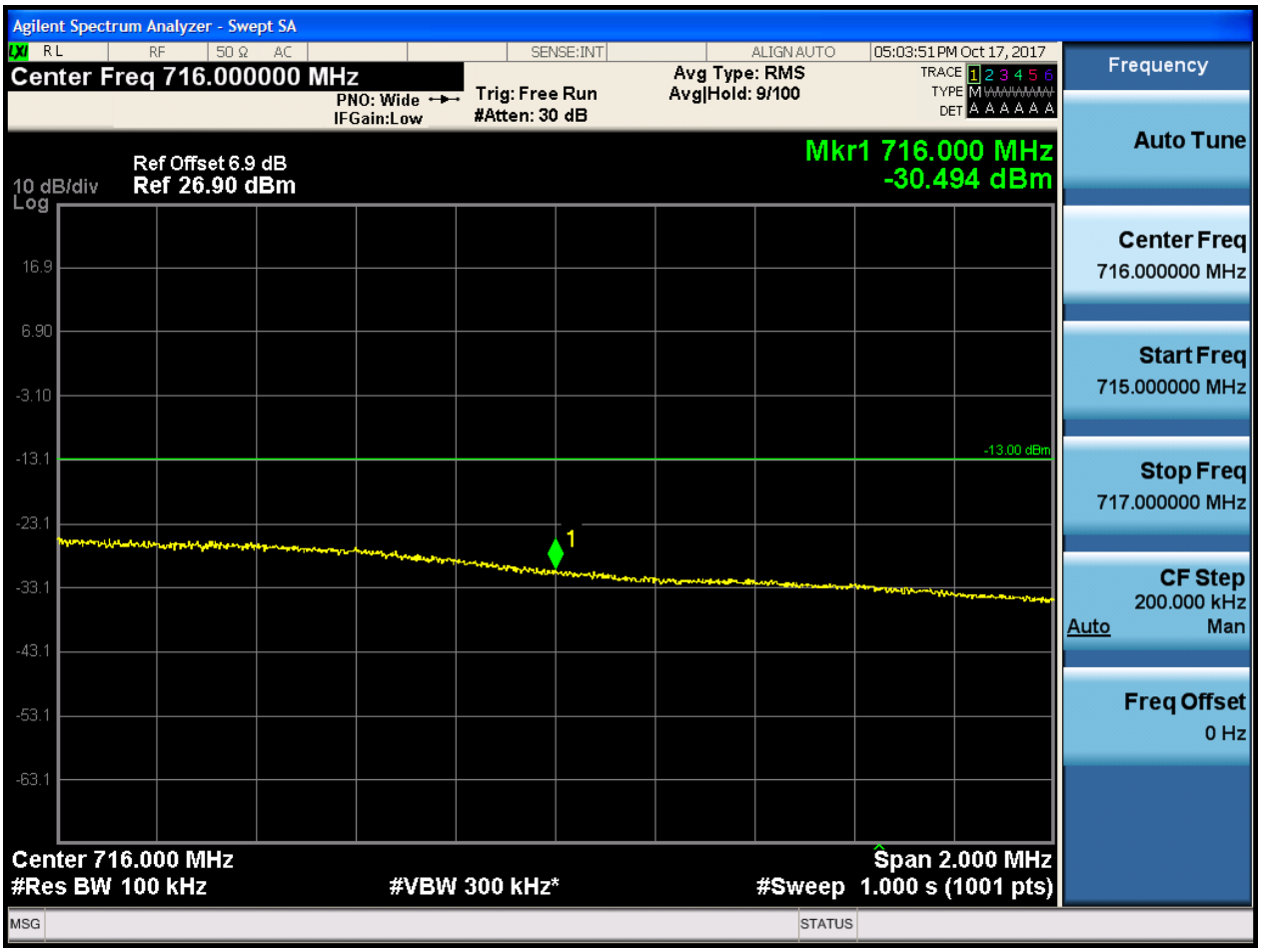
5.1.1.2.2.2.1 Test RB = RB1#0



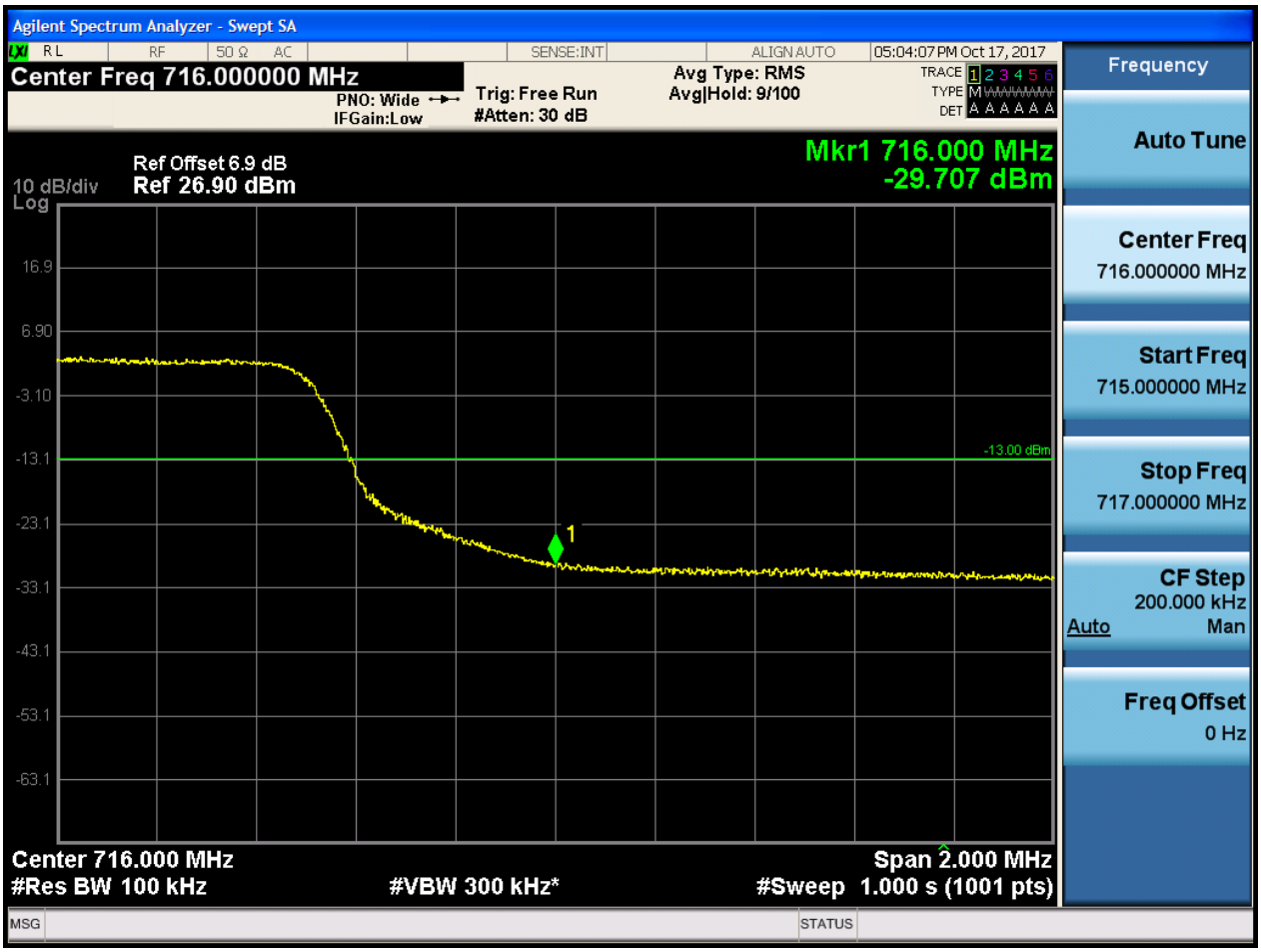
5.1.1.2.2.2 Test RB = RB1#49



5.1.1.2.2.2.3 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

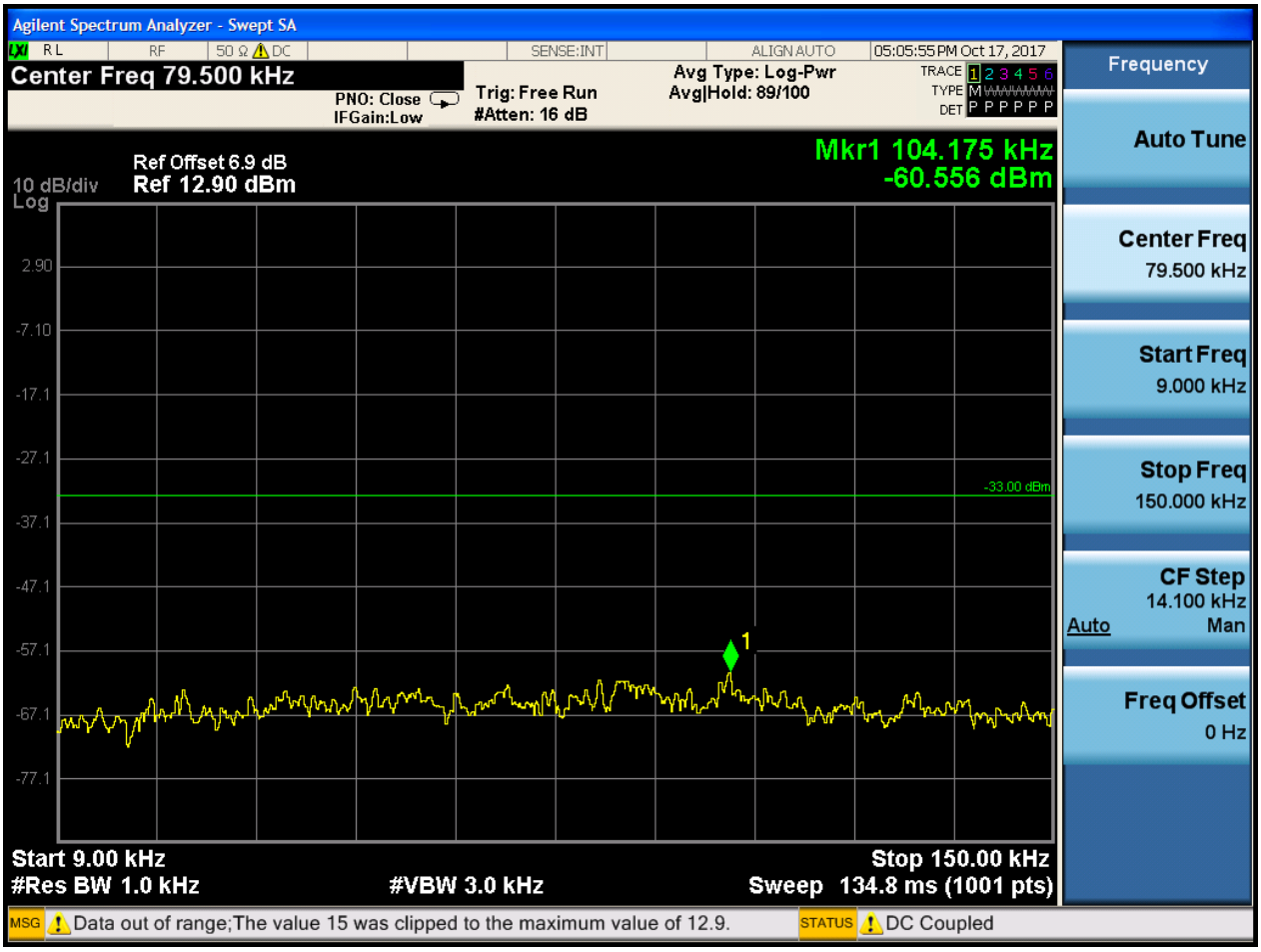
6.1.1 Test Band = BAND17

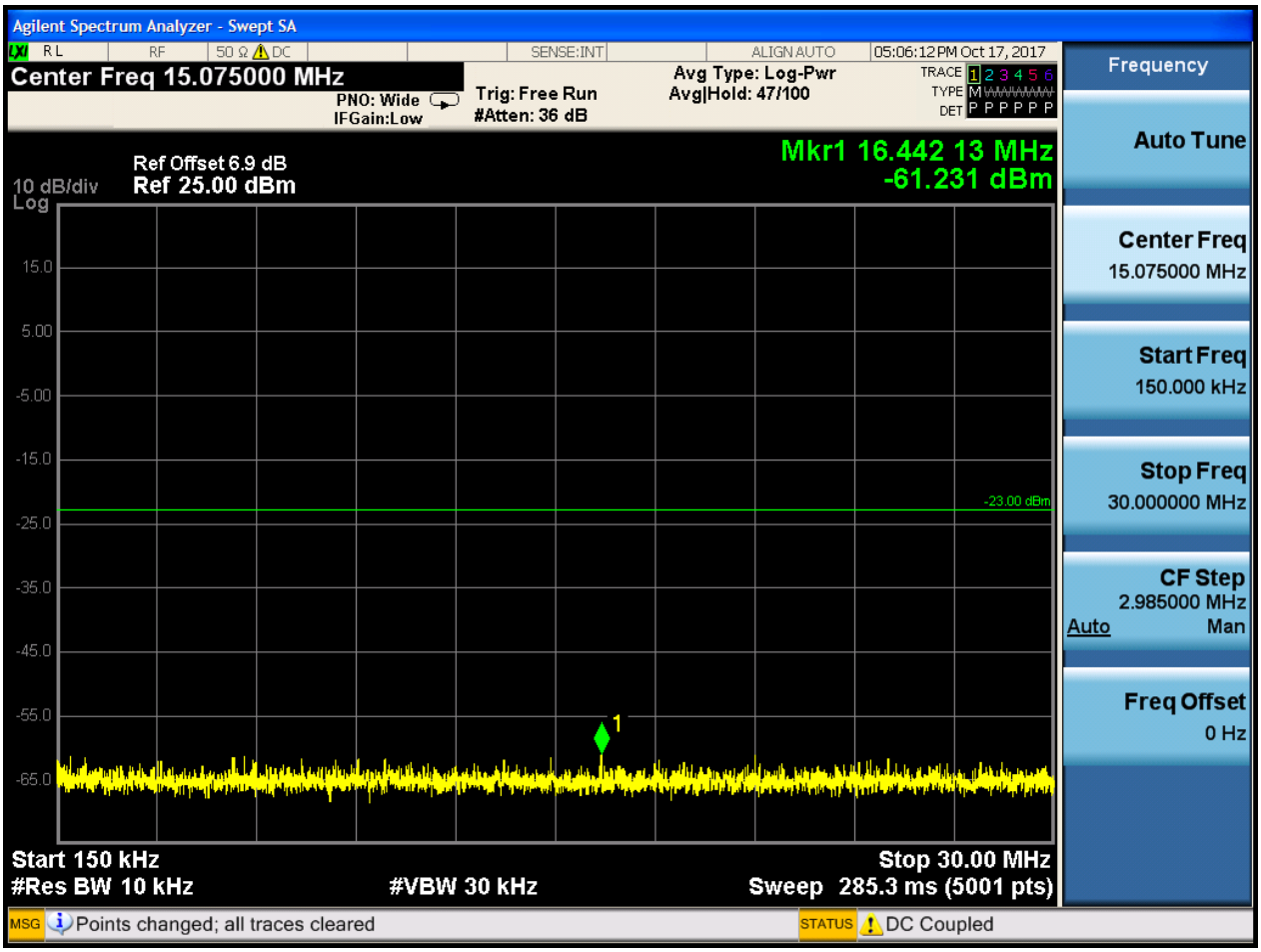
6.1.1.1 Test Mode = LTE/TM1

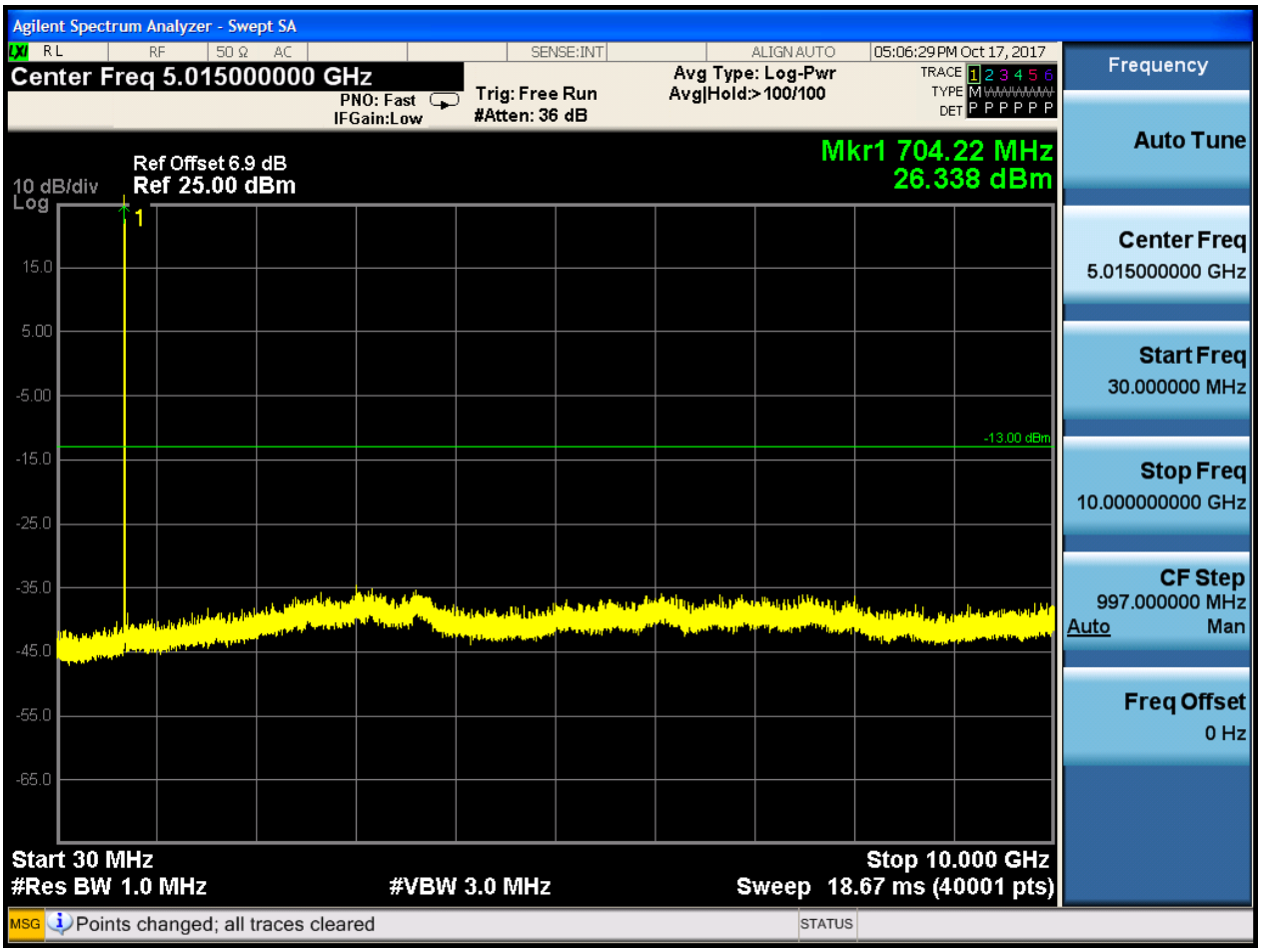
6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

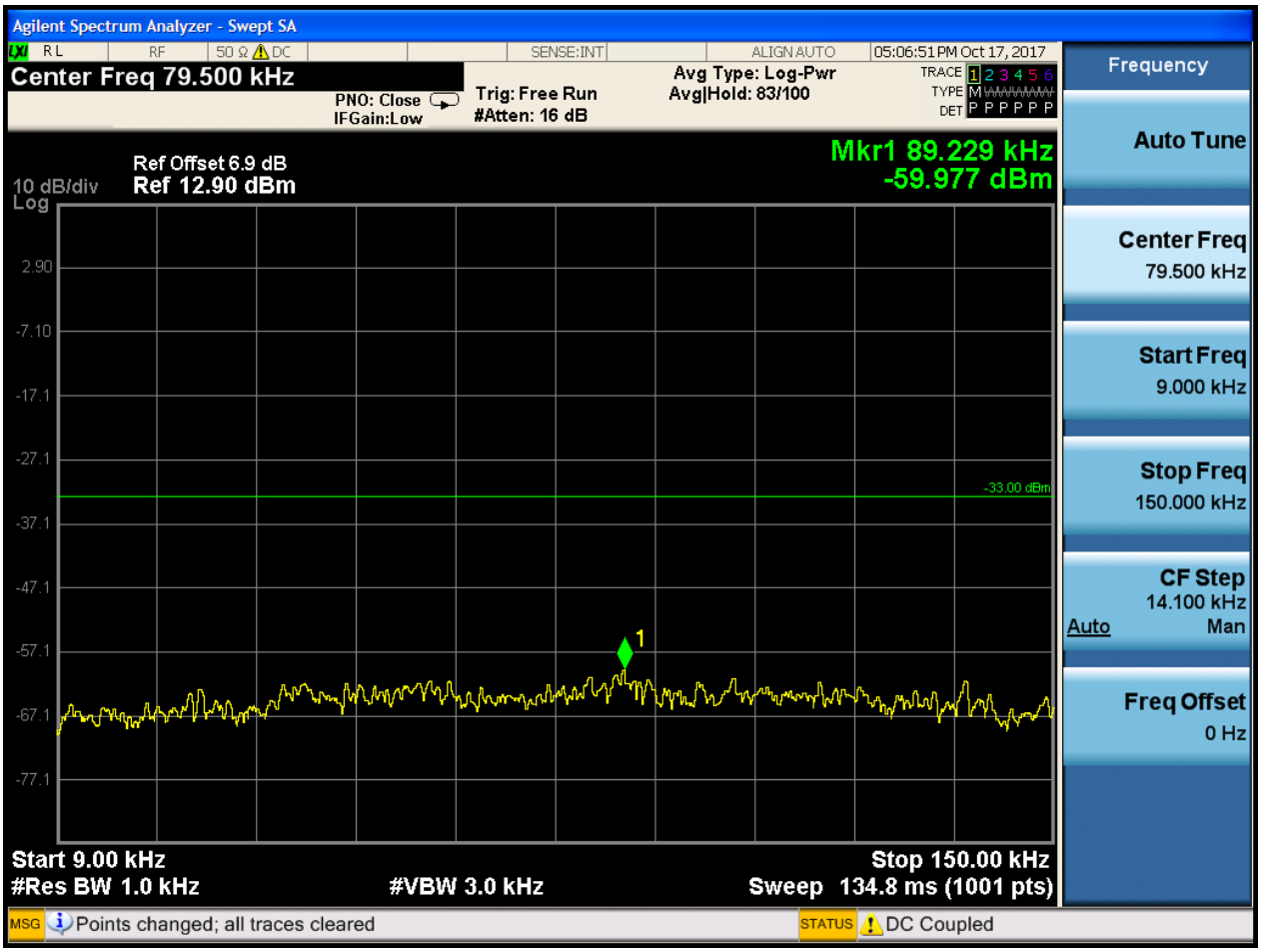


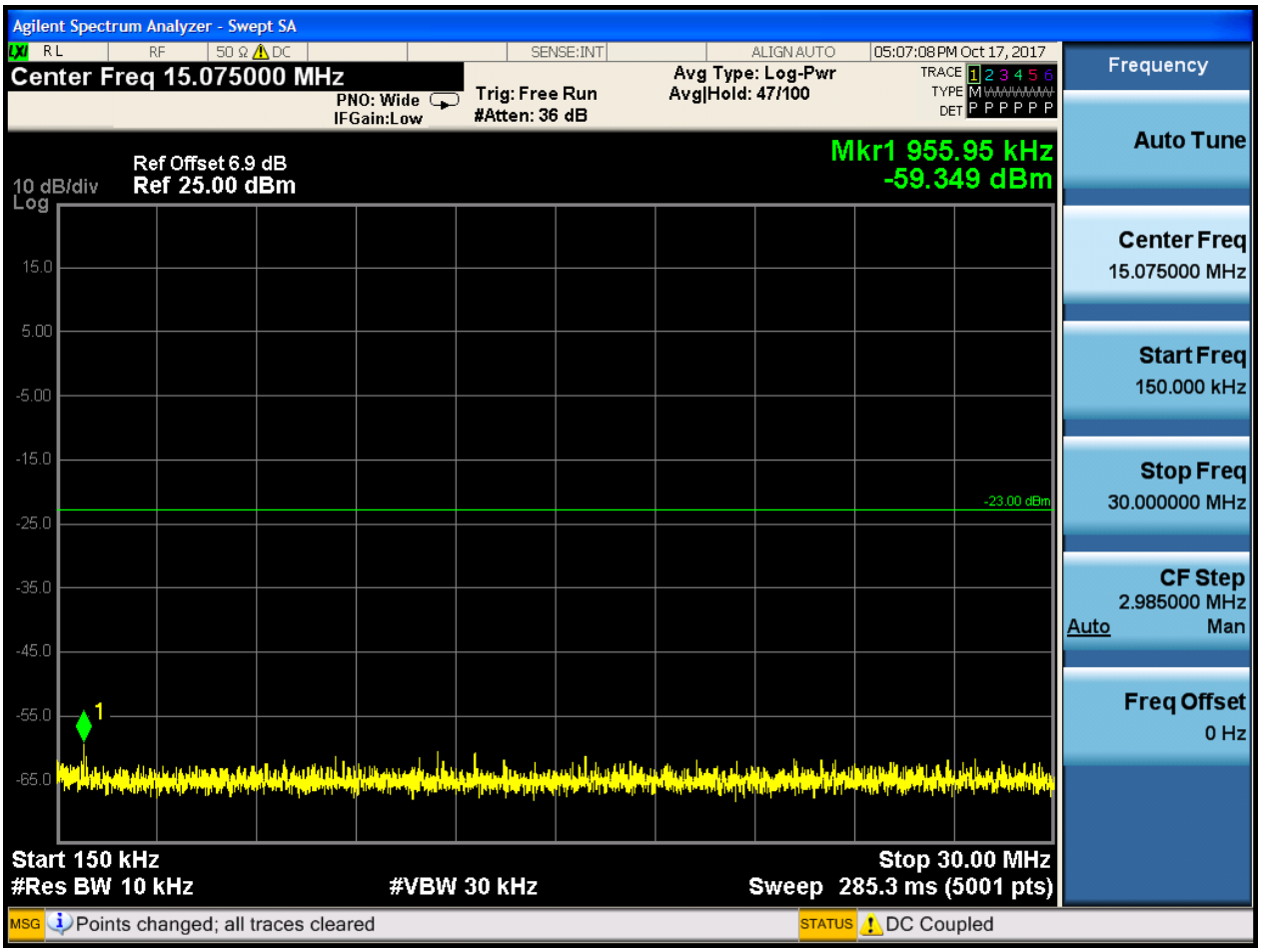


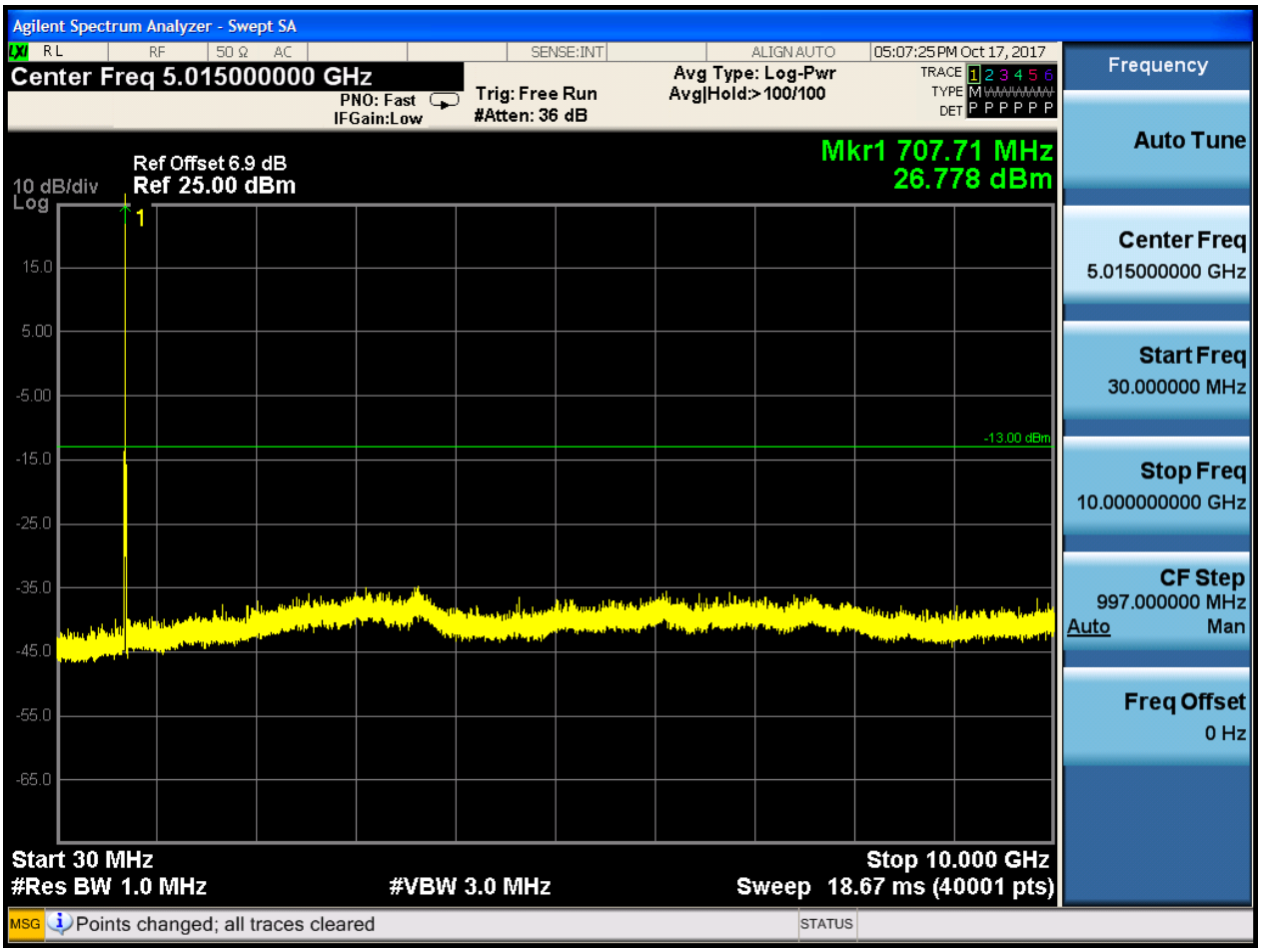


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

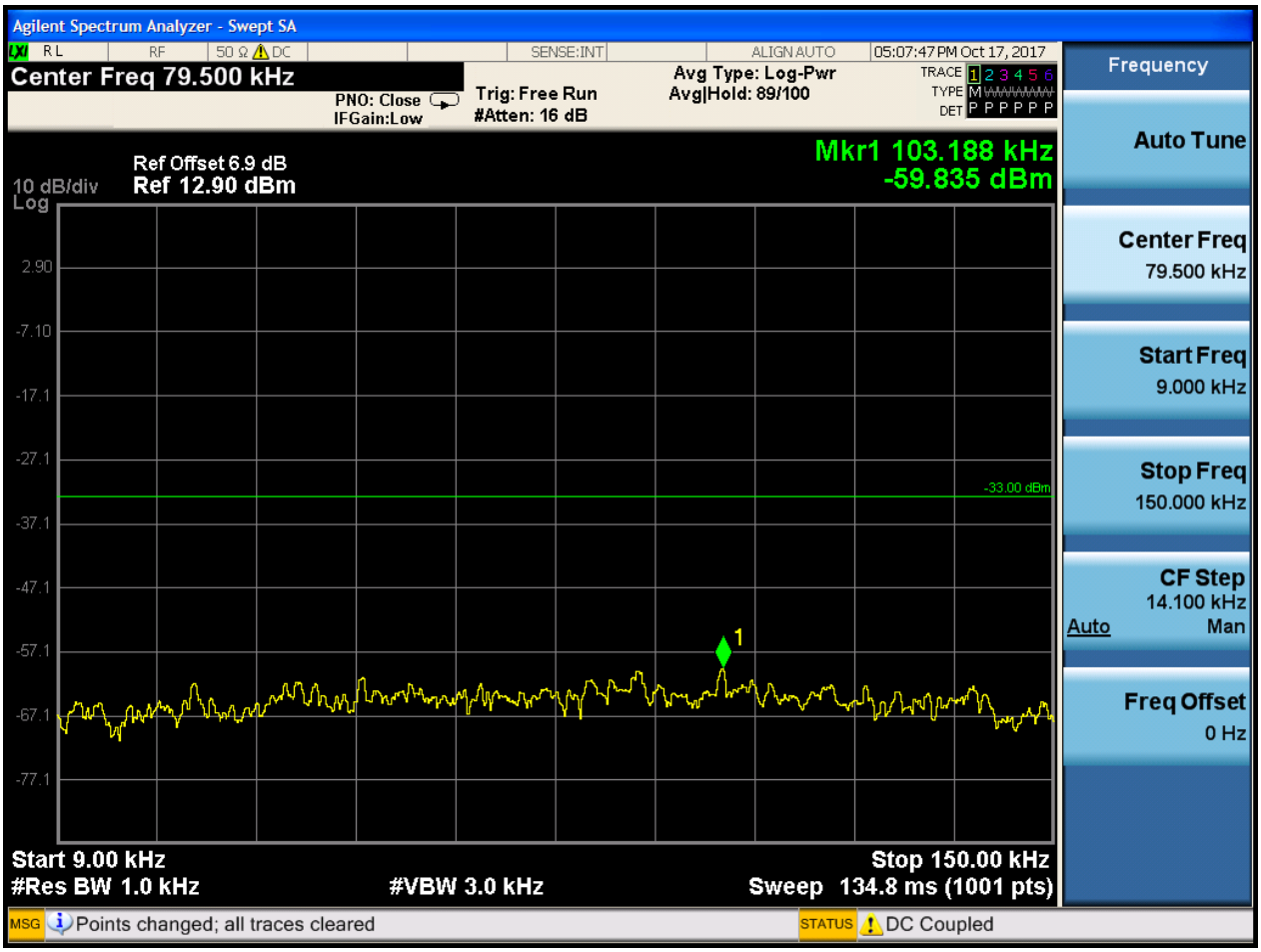


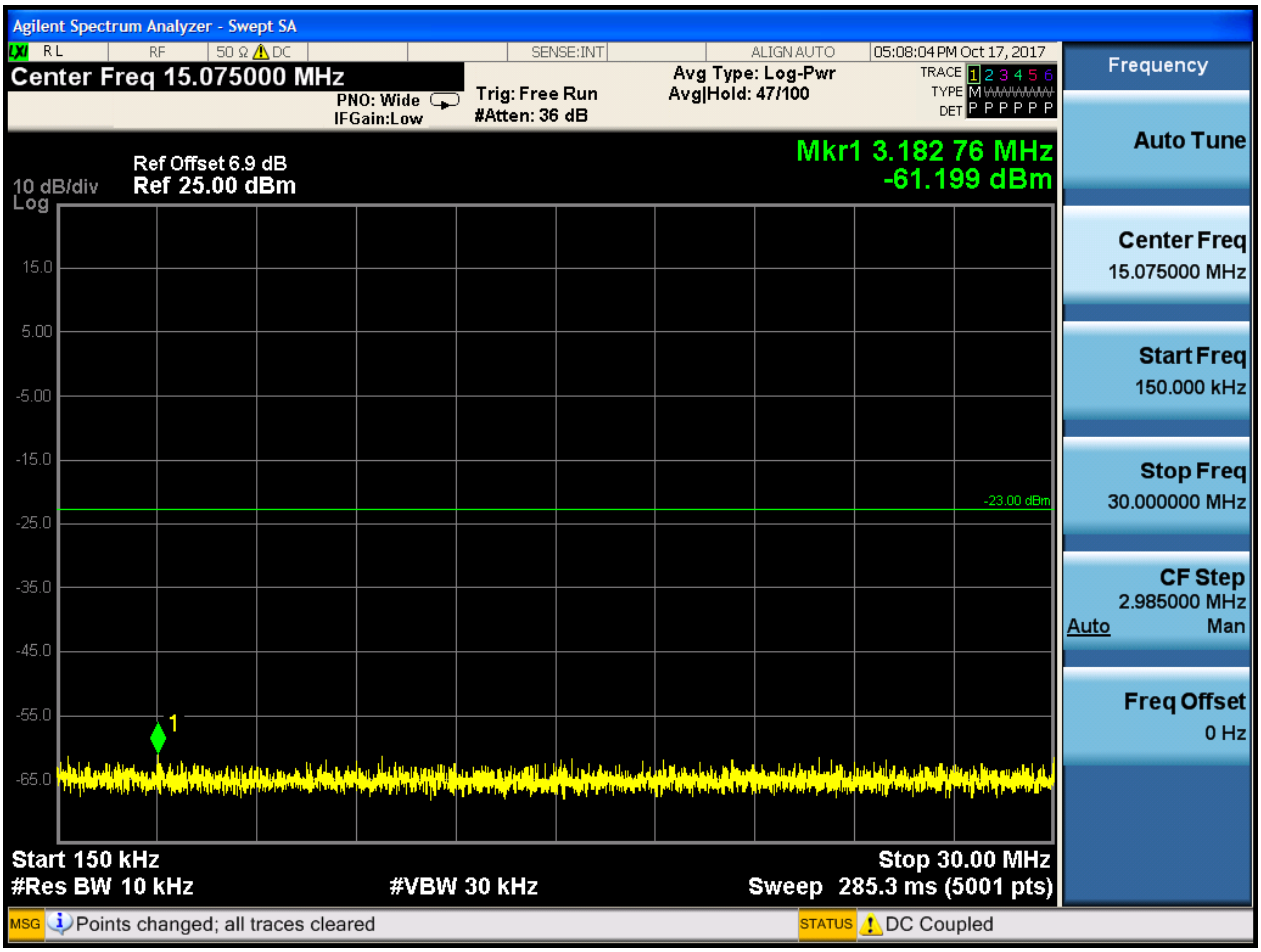


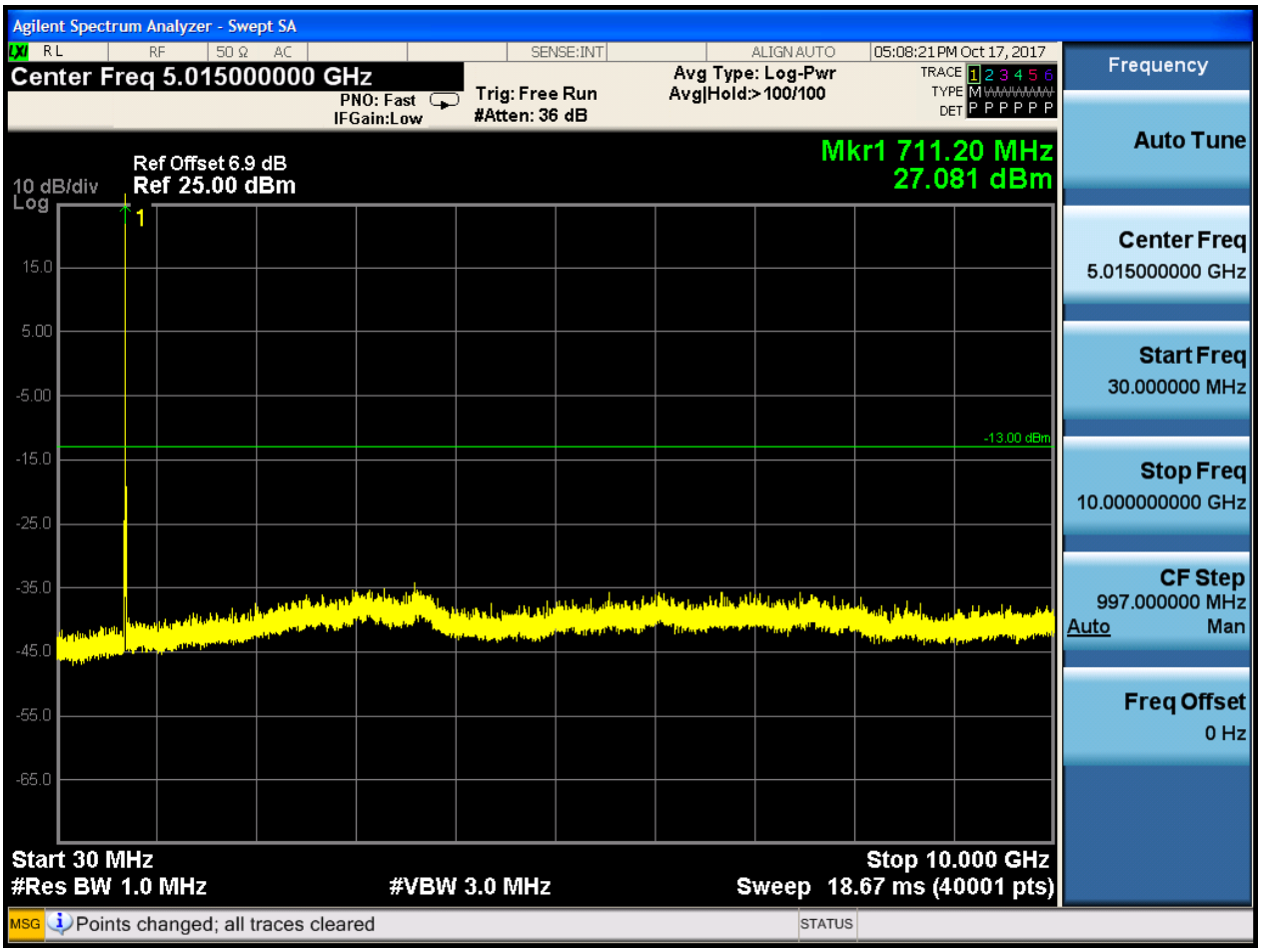


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0



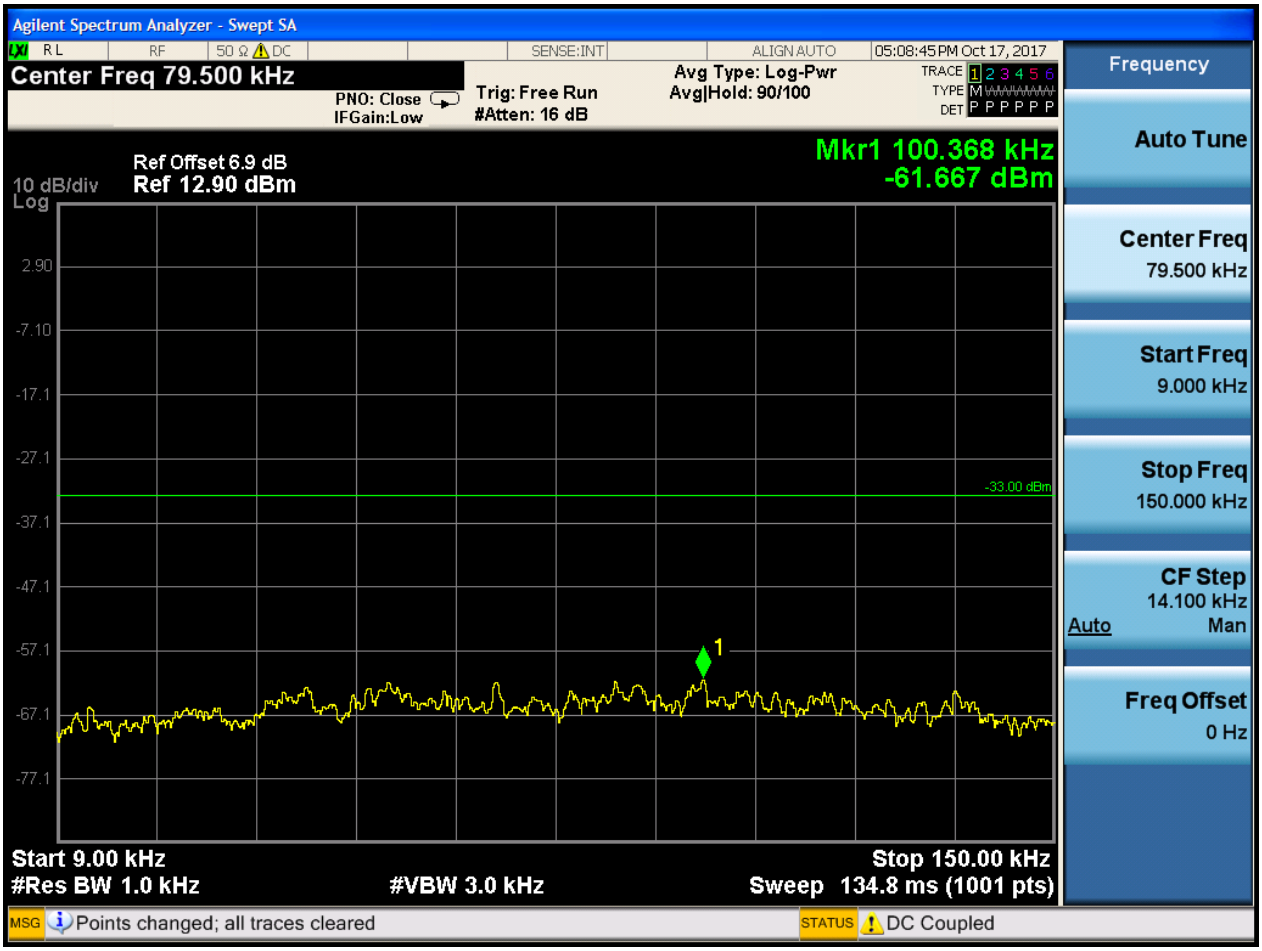


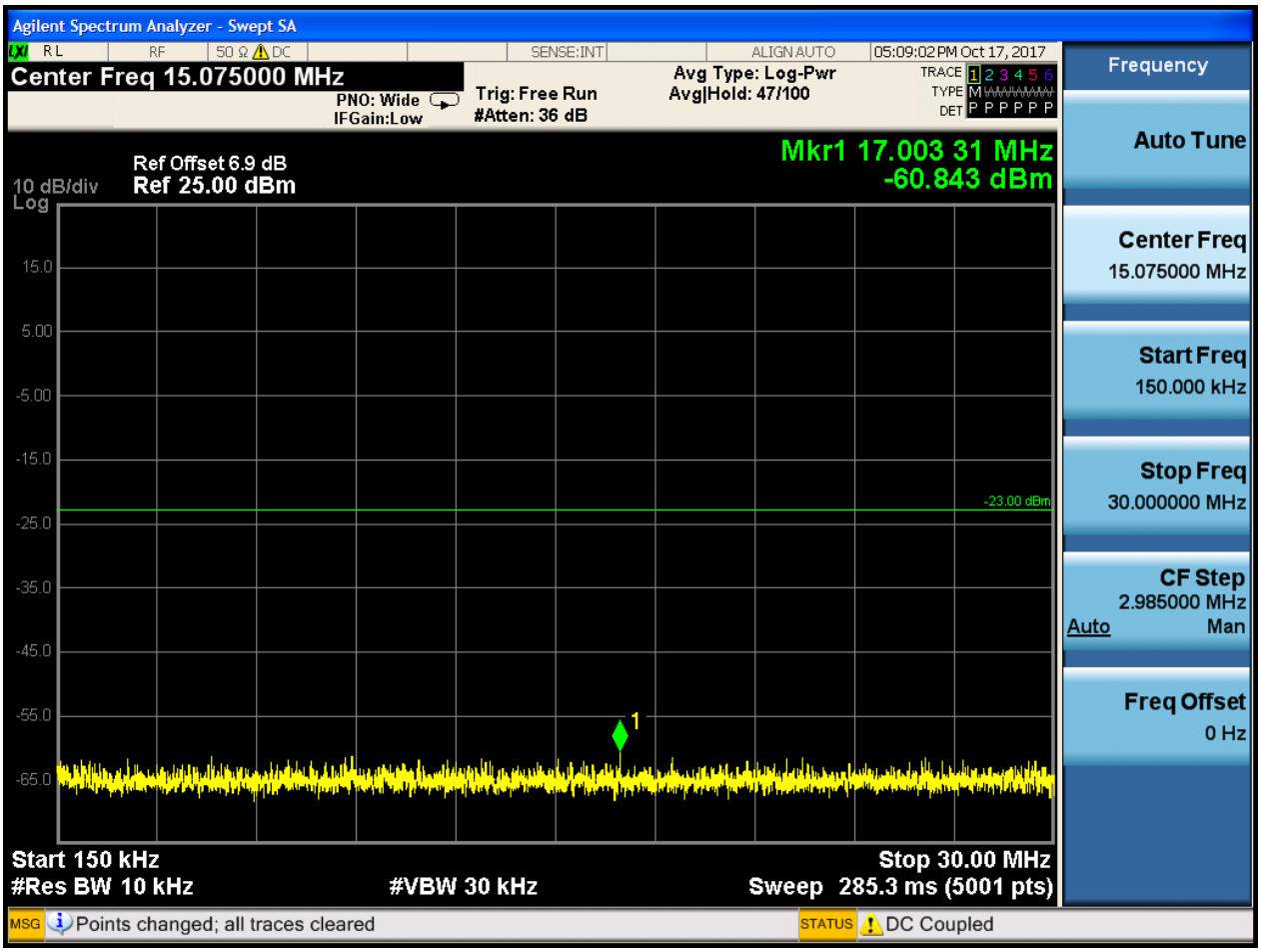


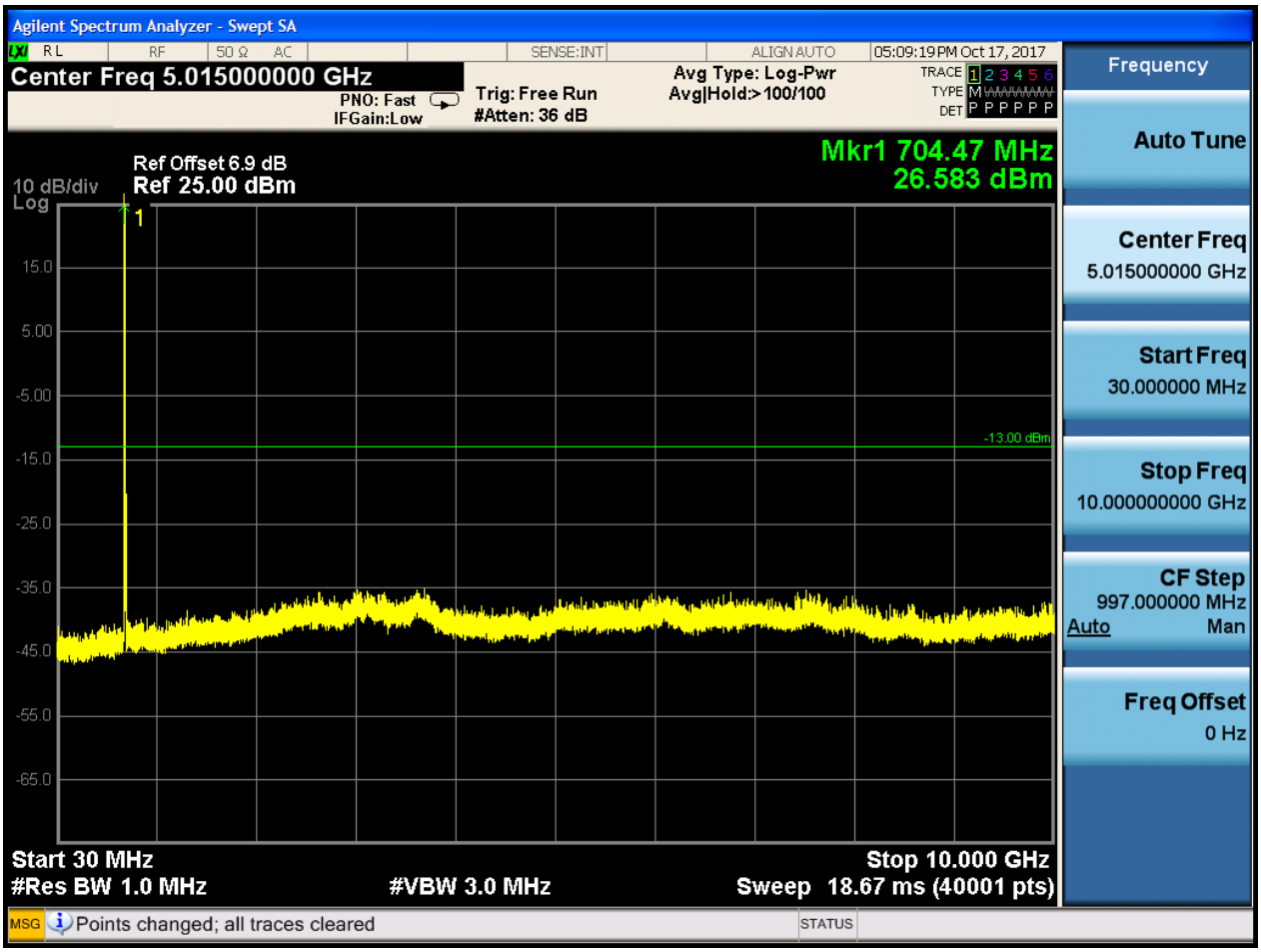
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0

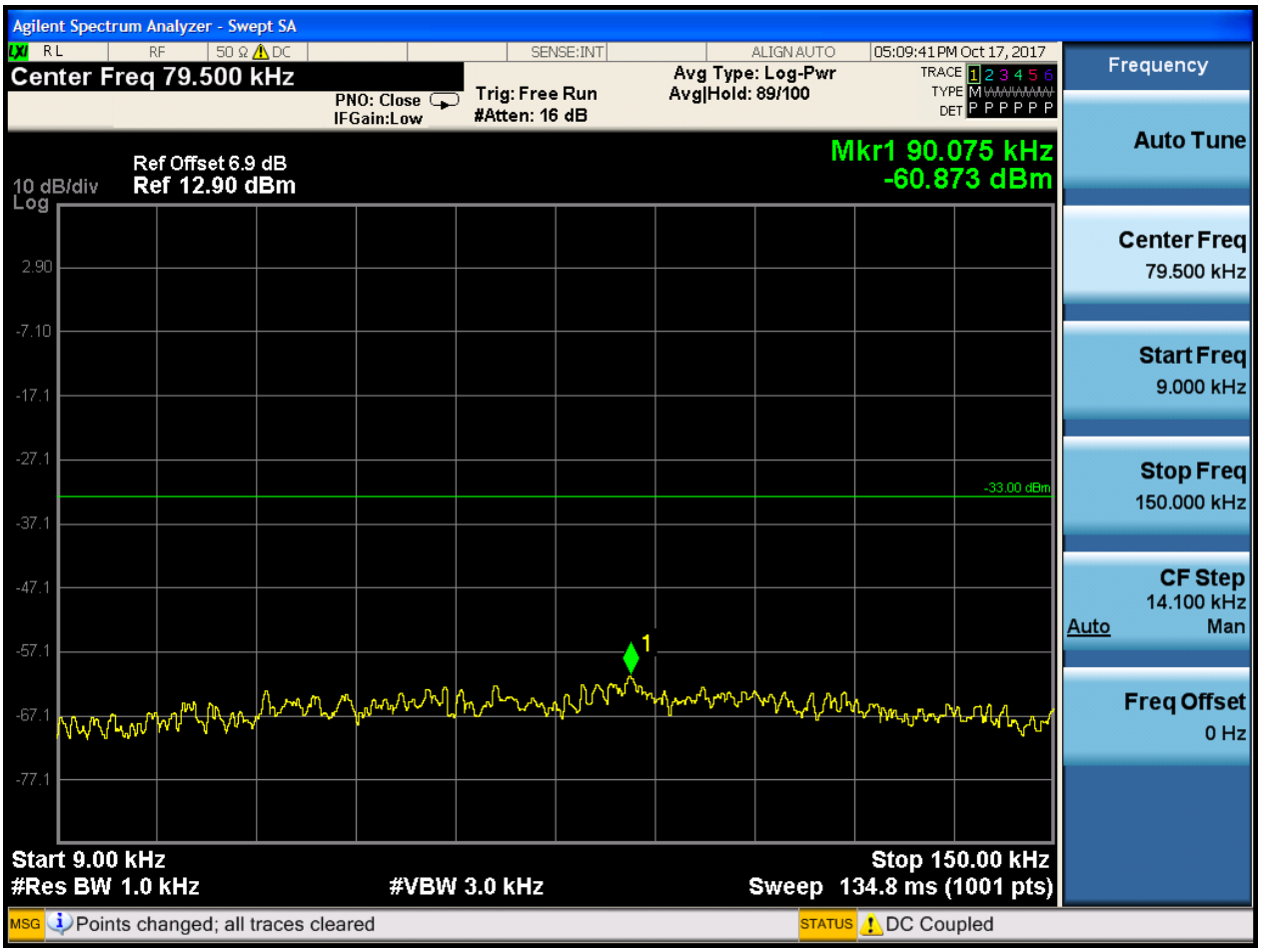


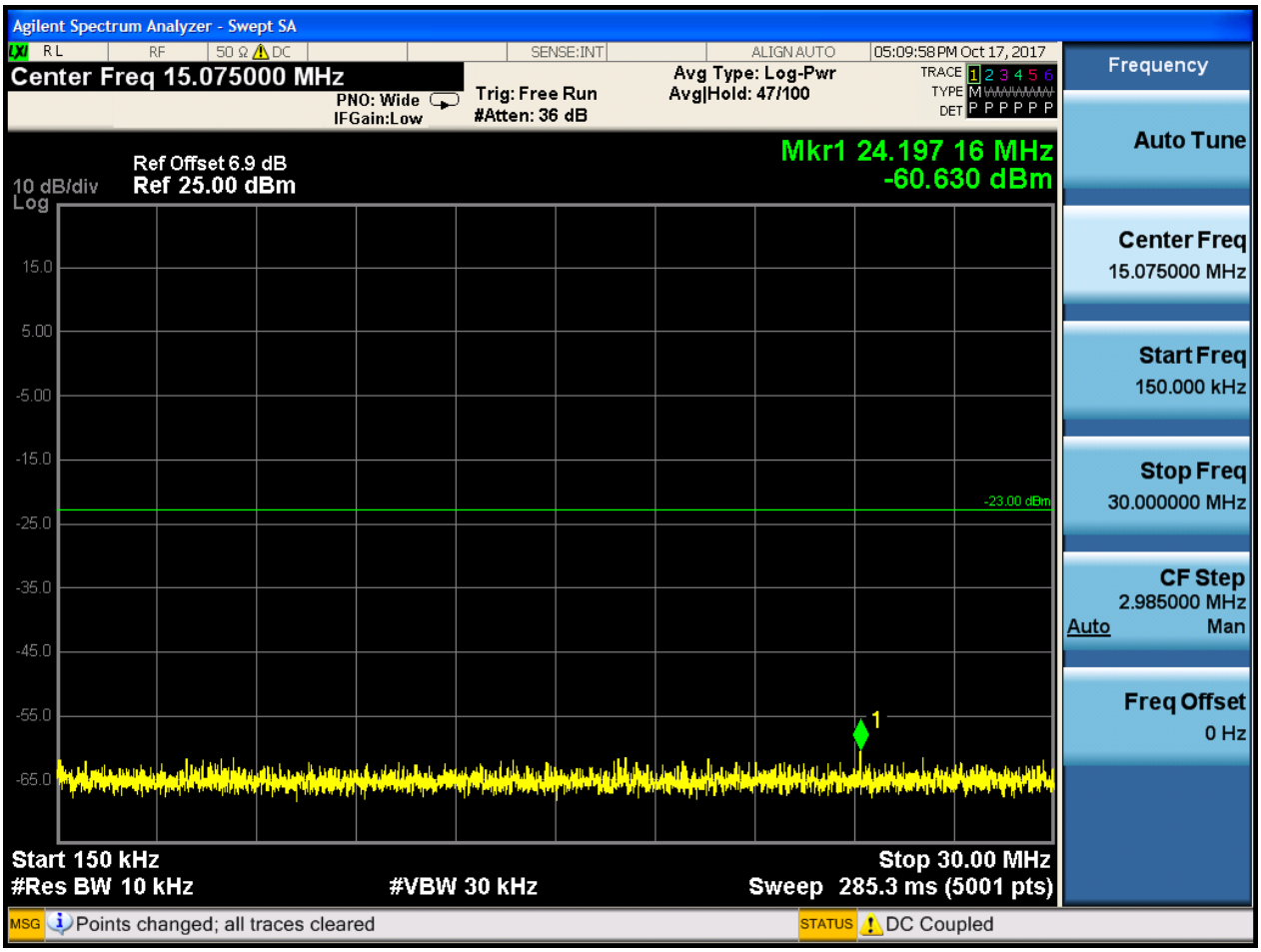


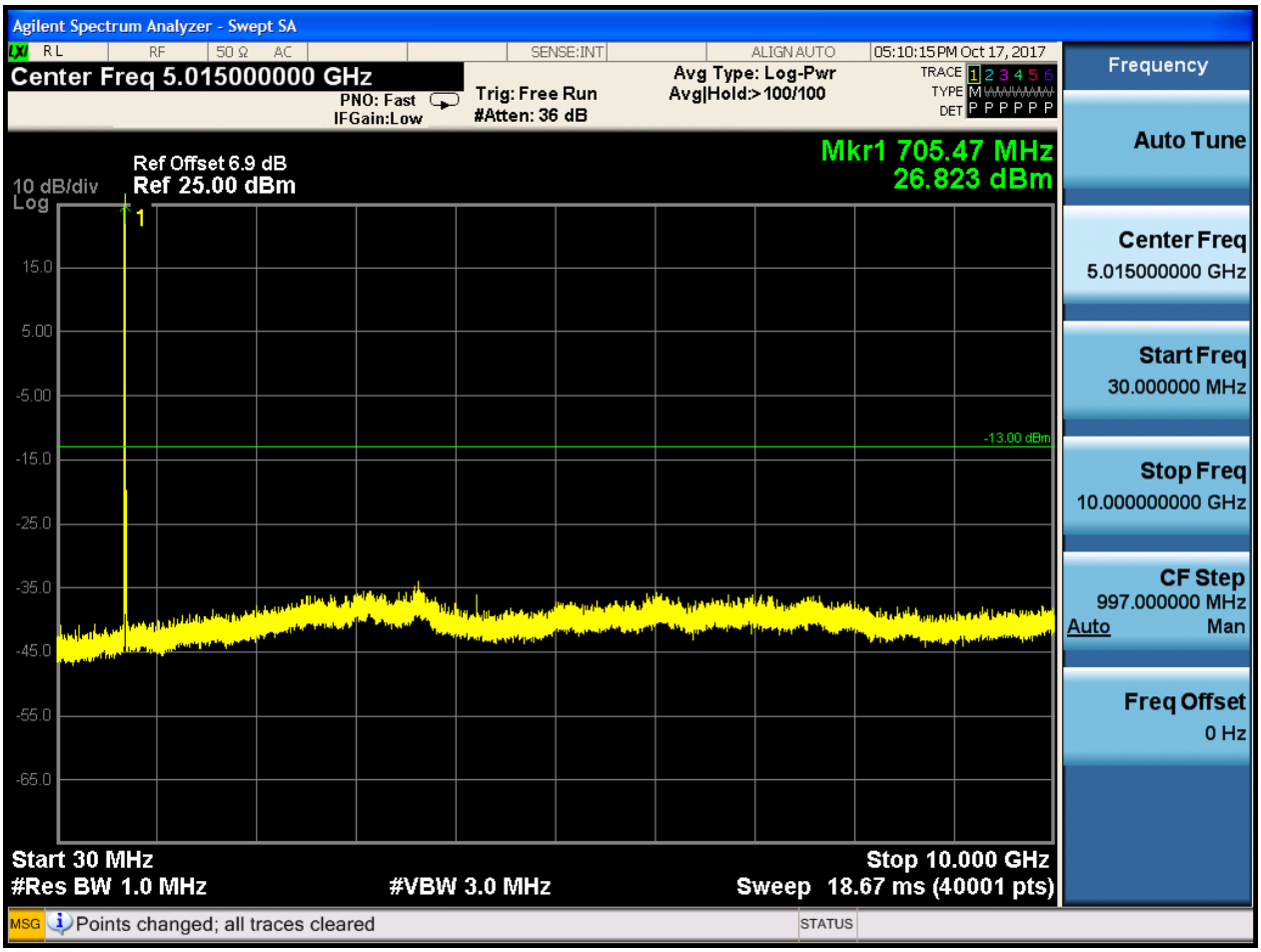


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

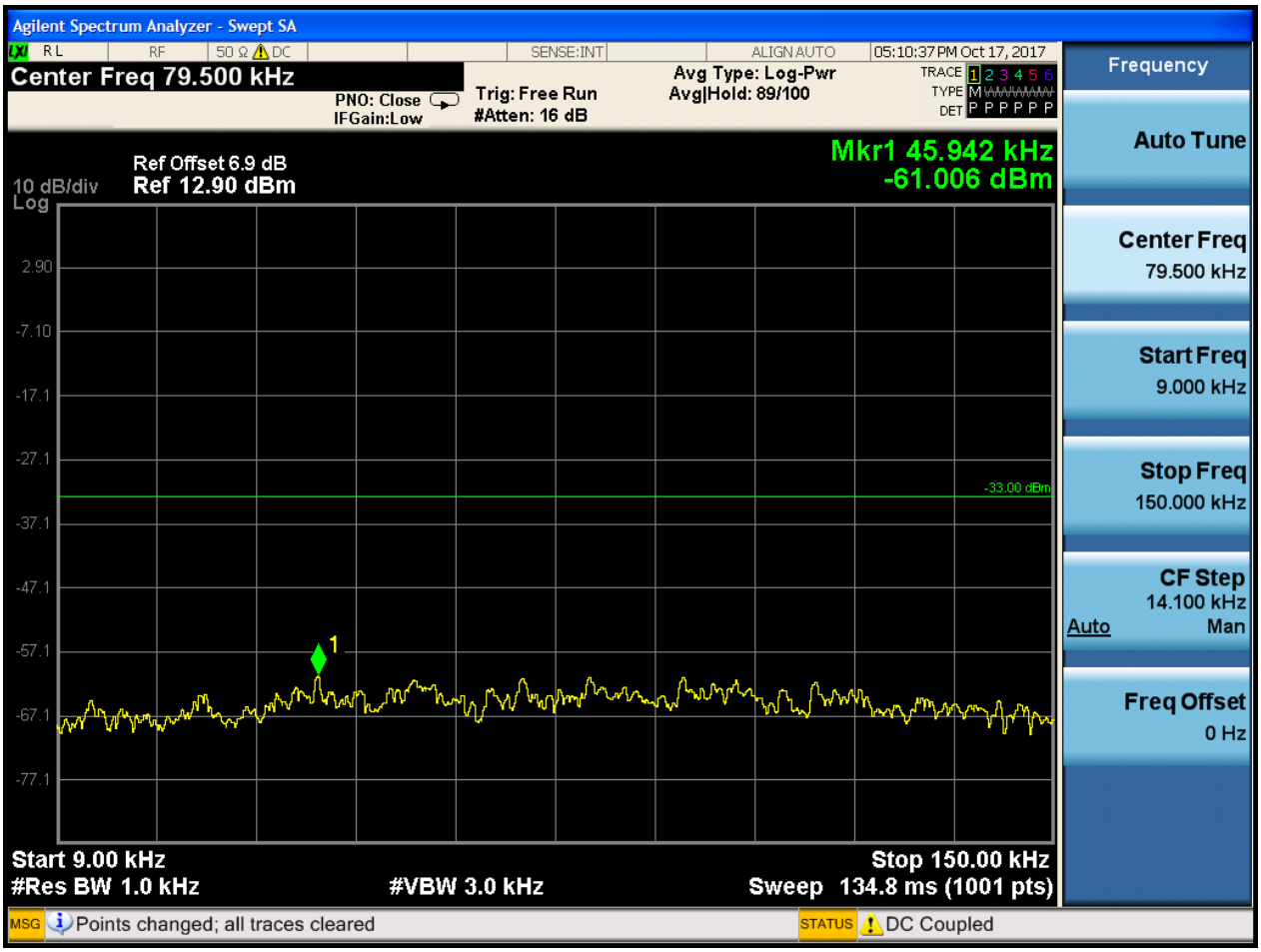


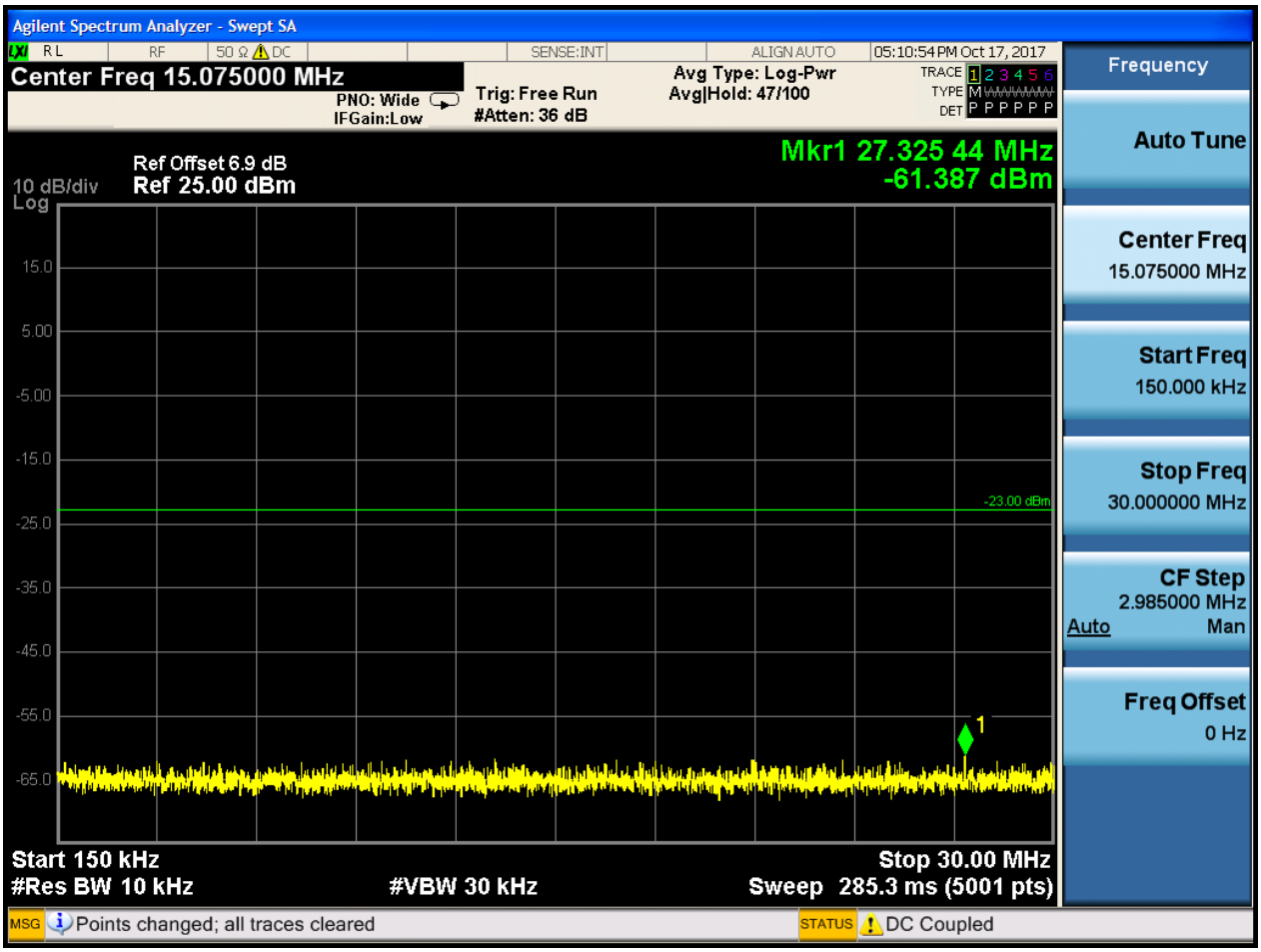


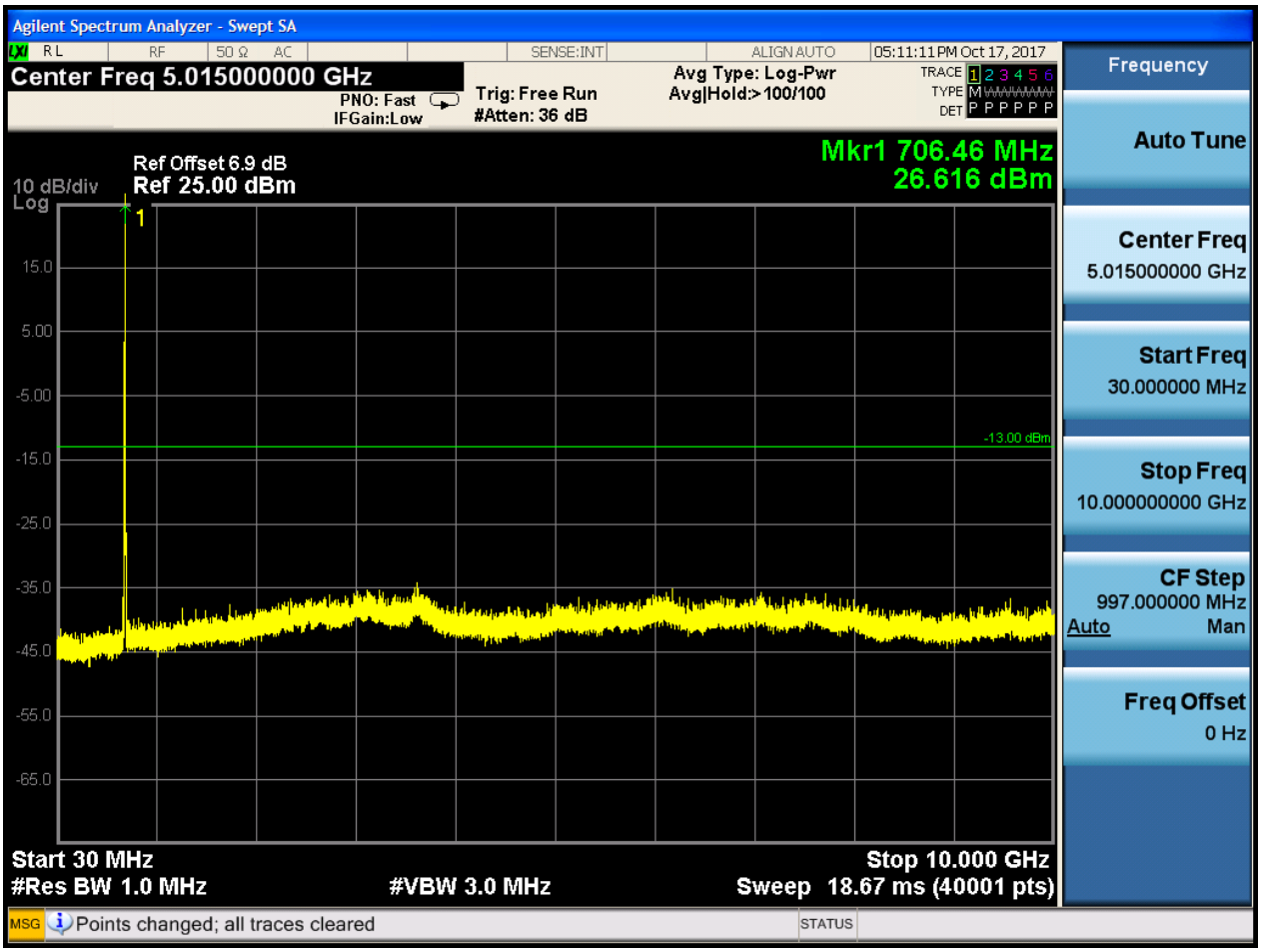


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0





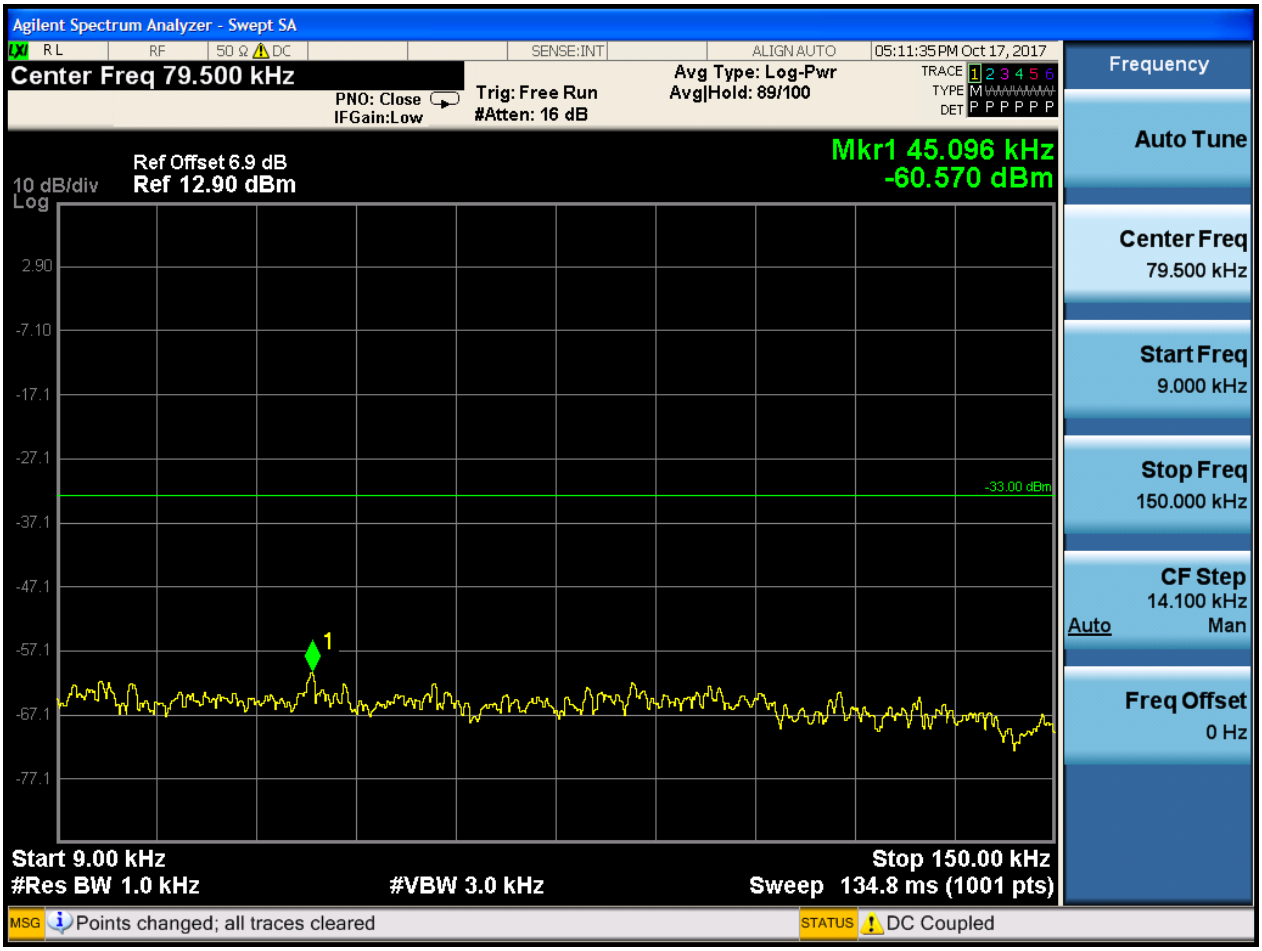


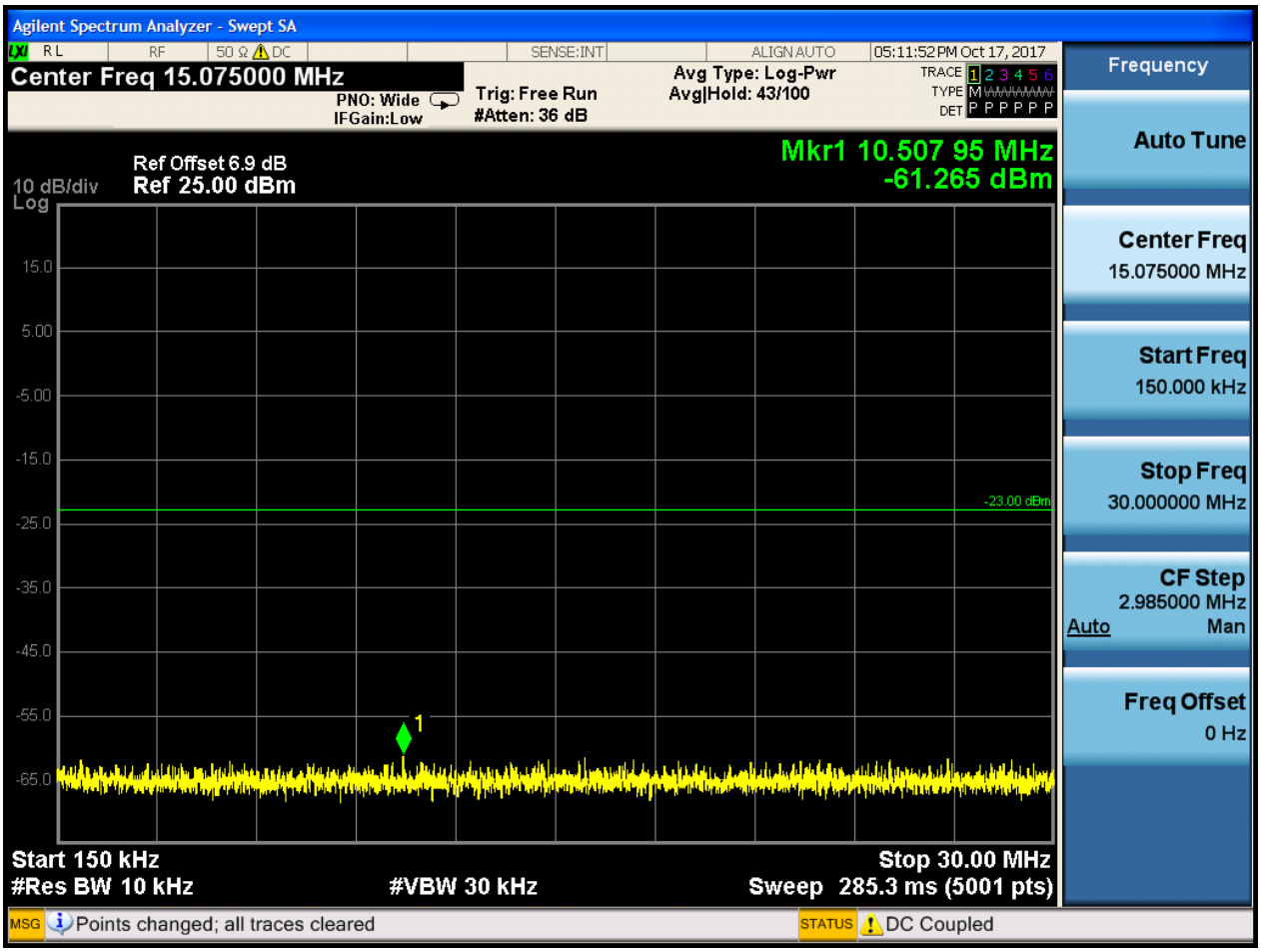
6.1.1.2 Test Mode = LTE/TM2

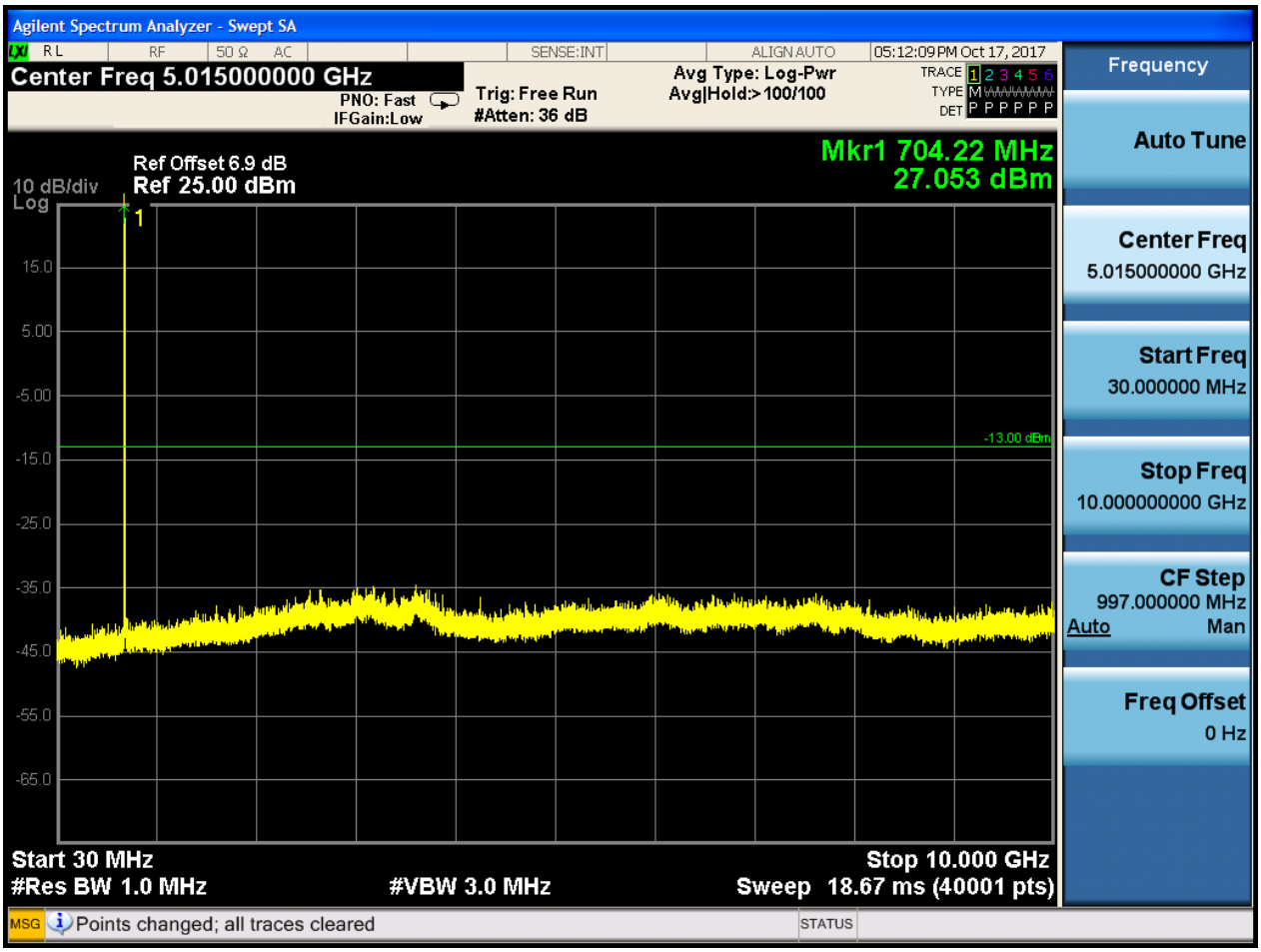
6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0

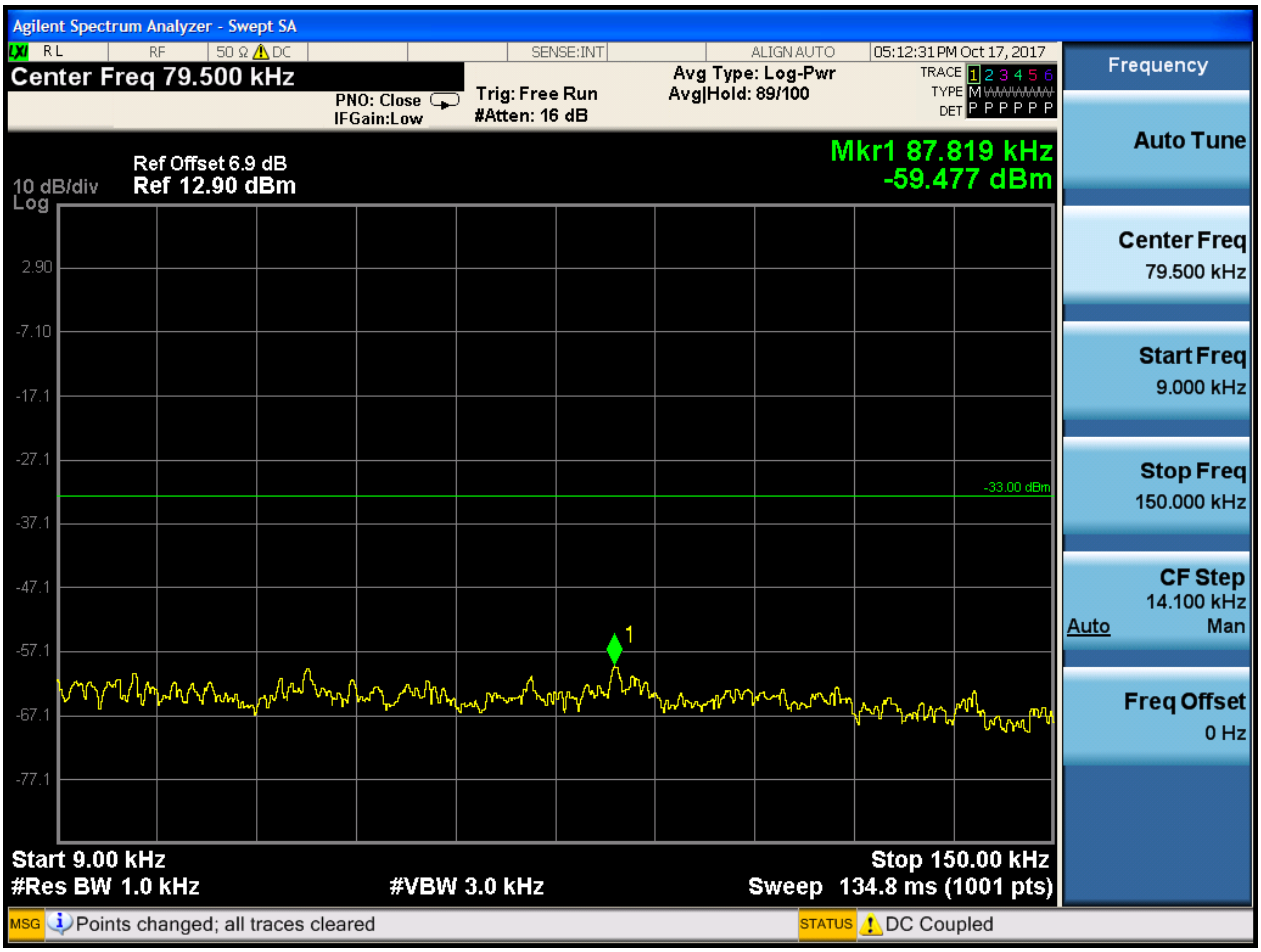


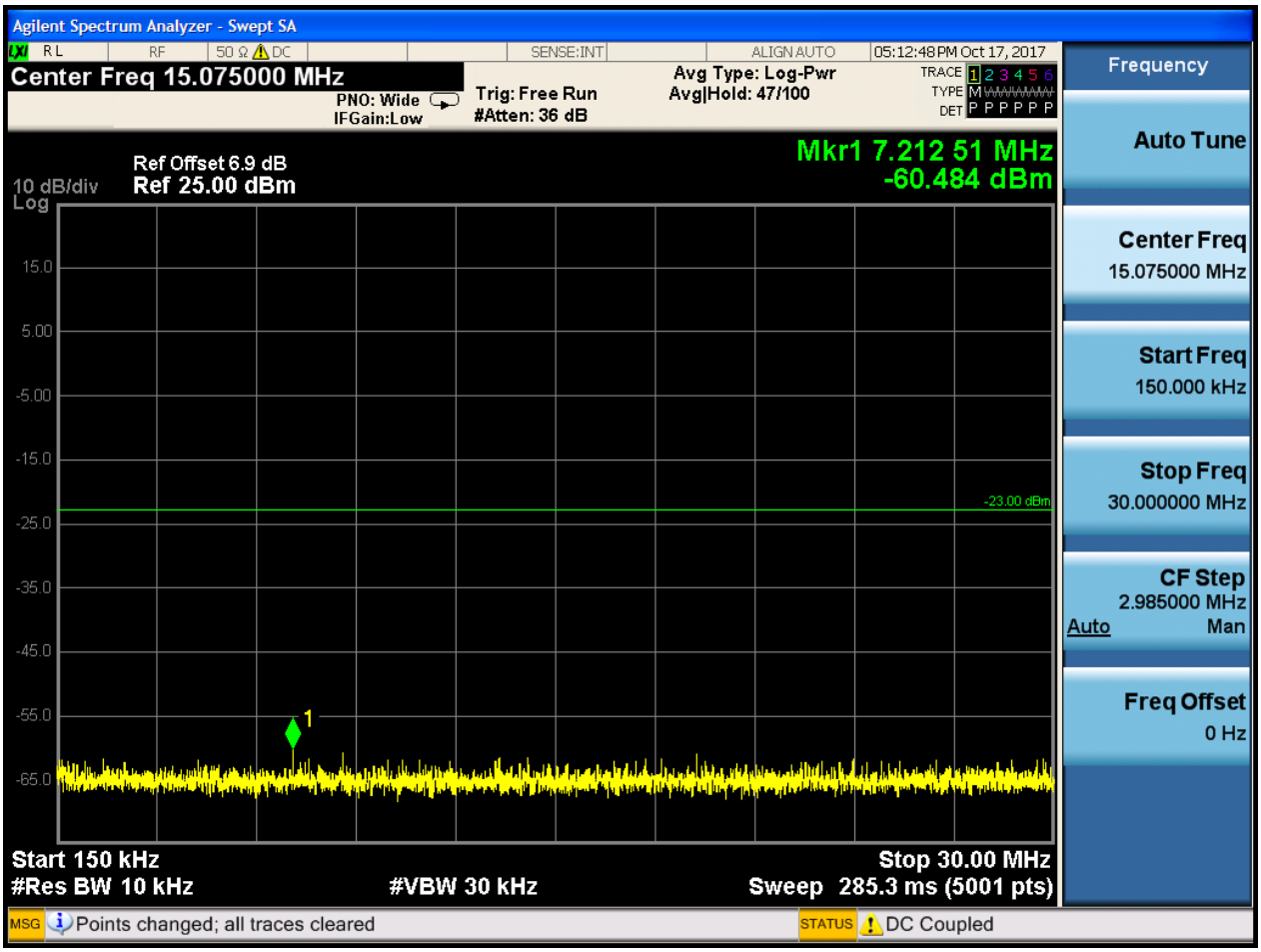


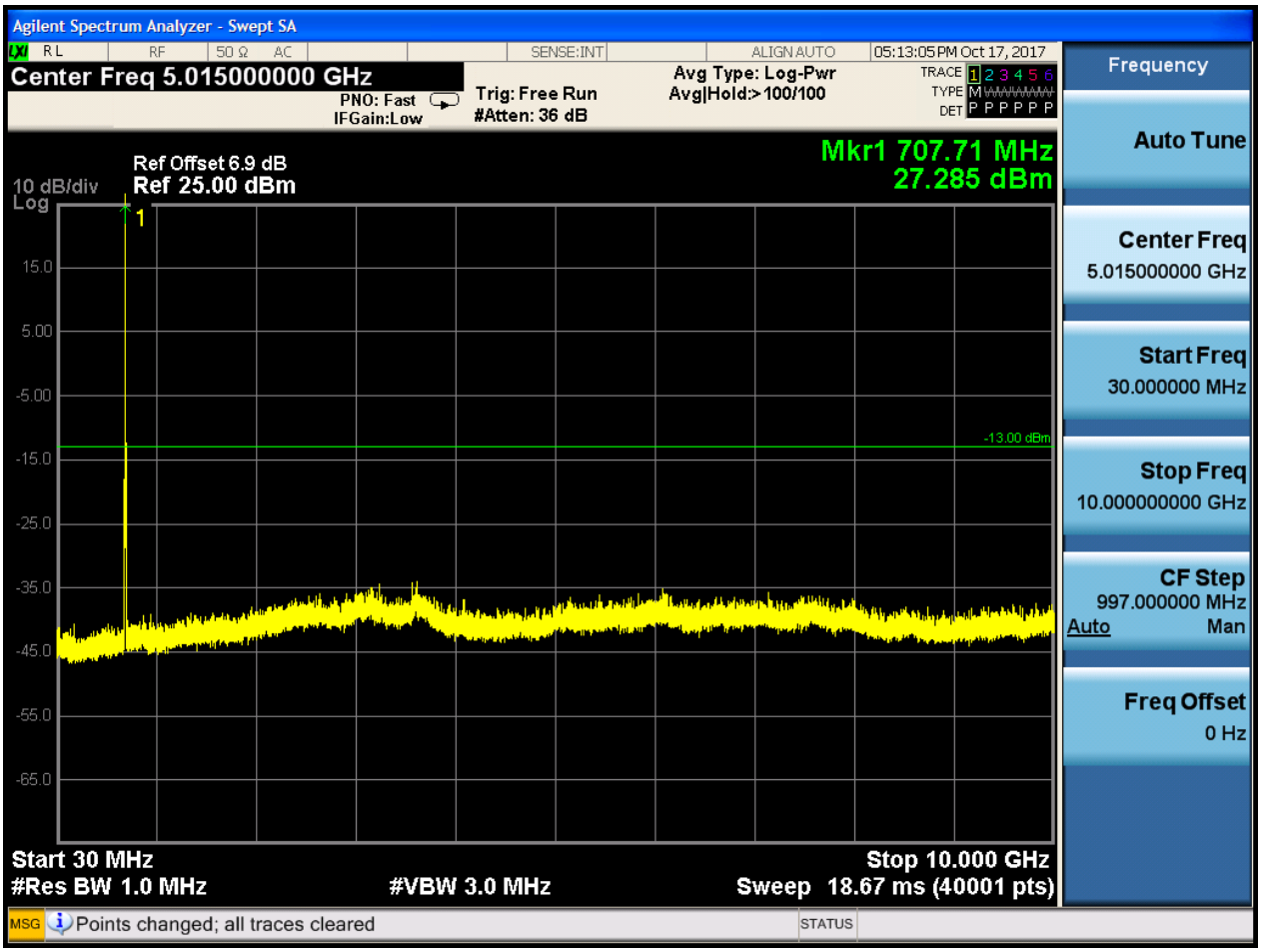


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

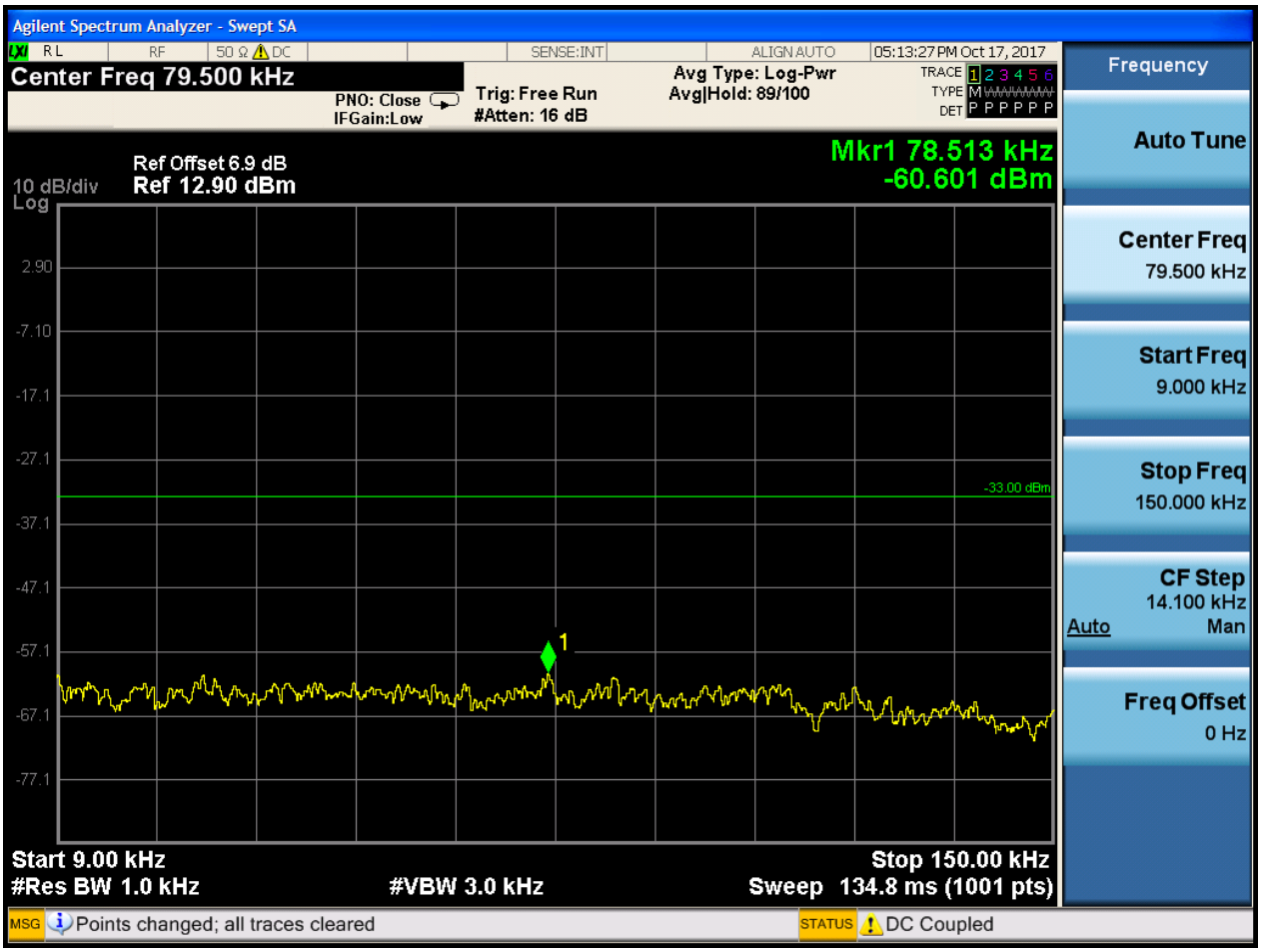


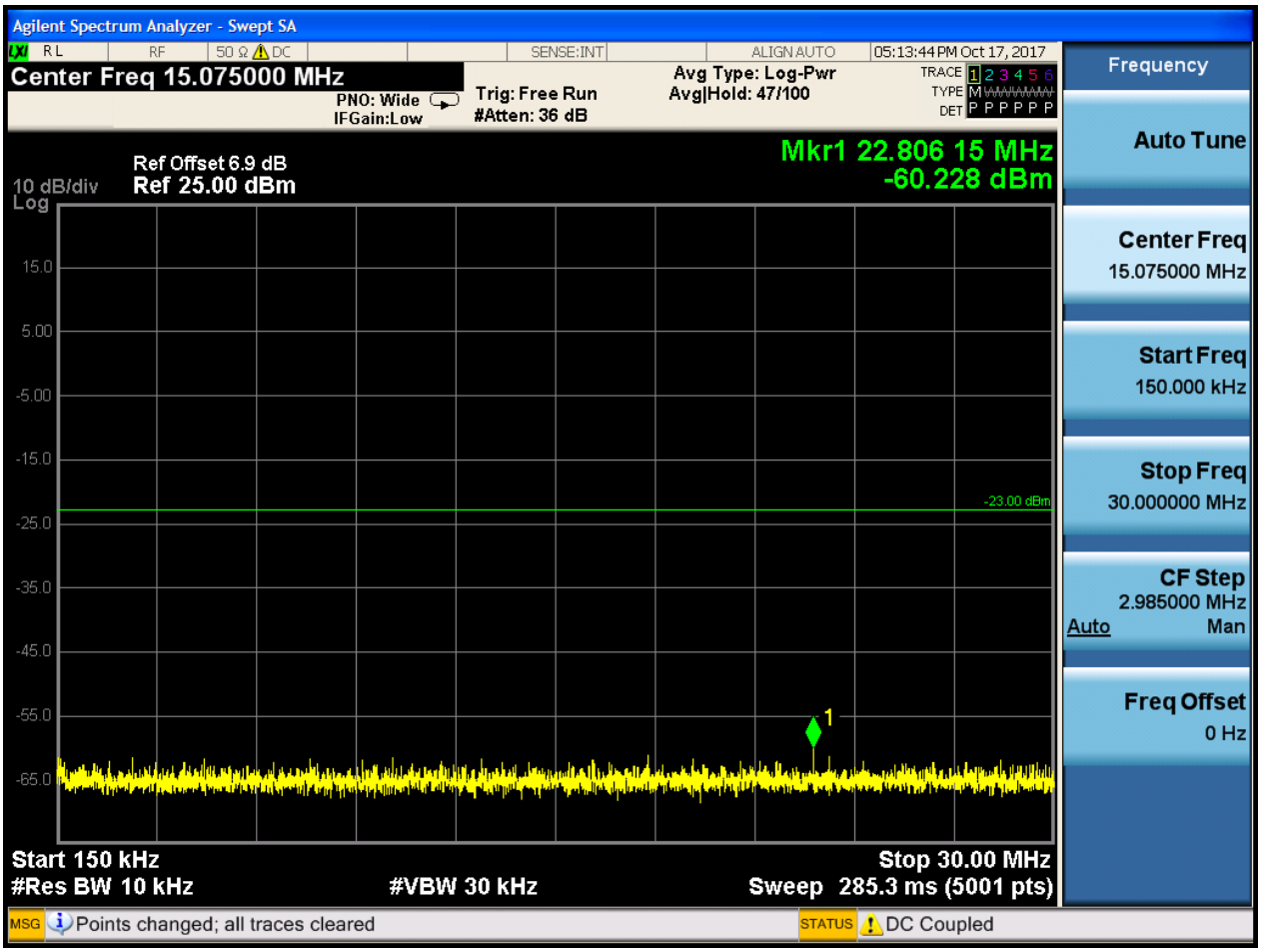


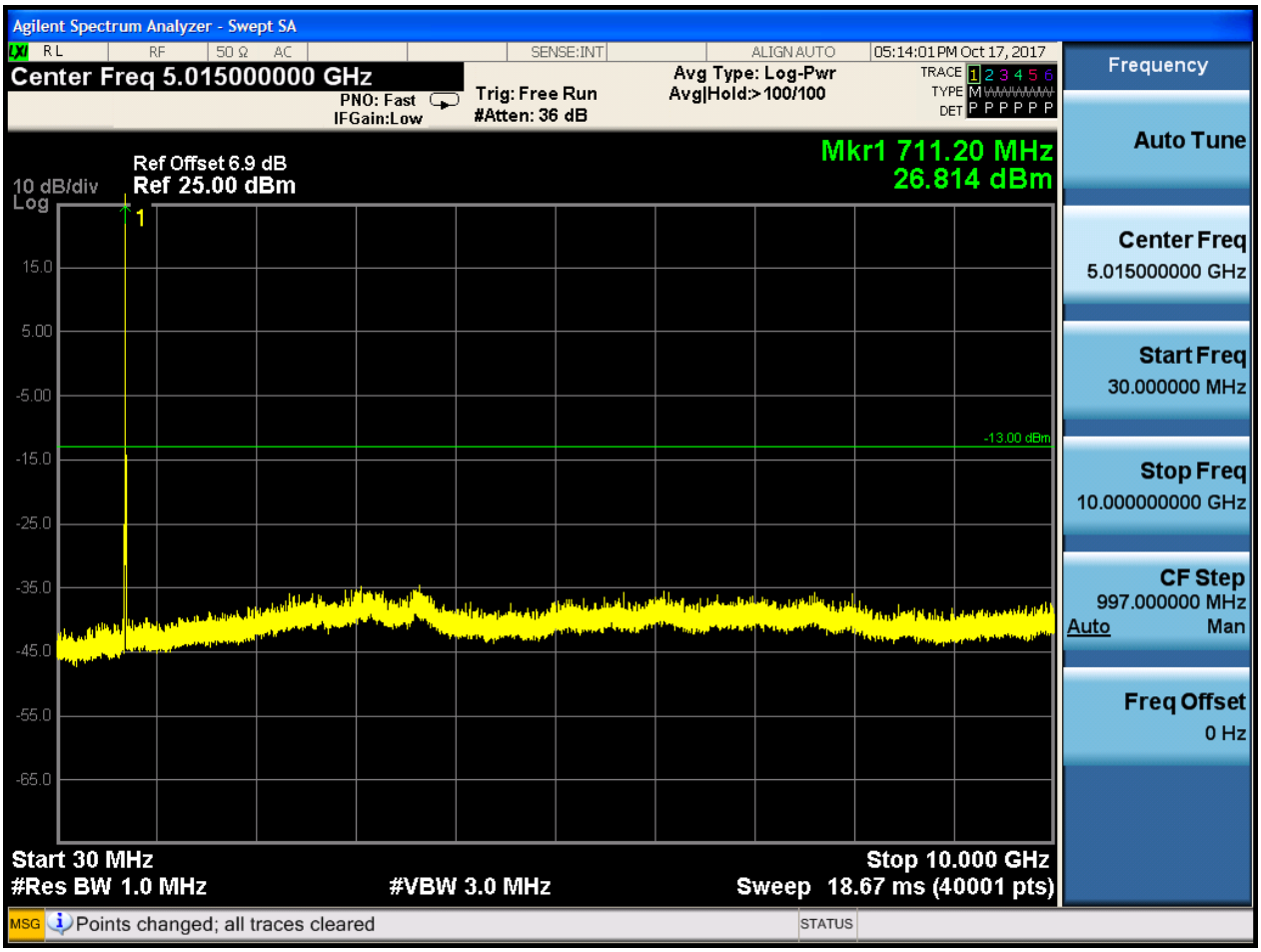


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



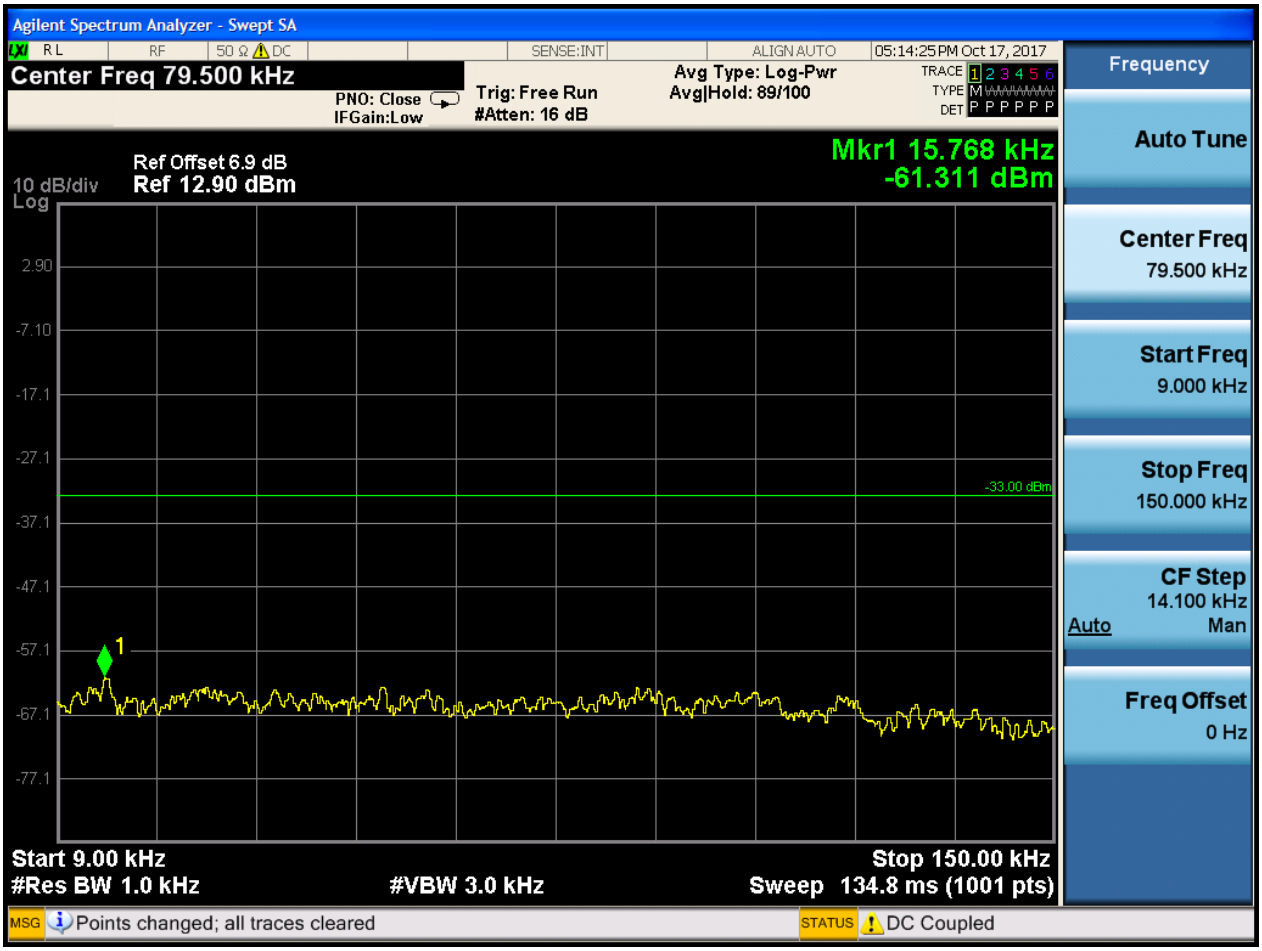


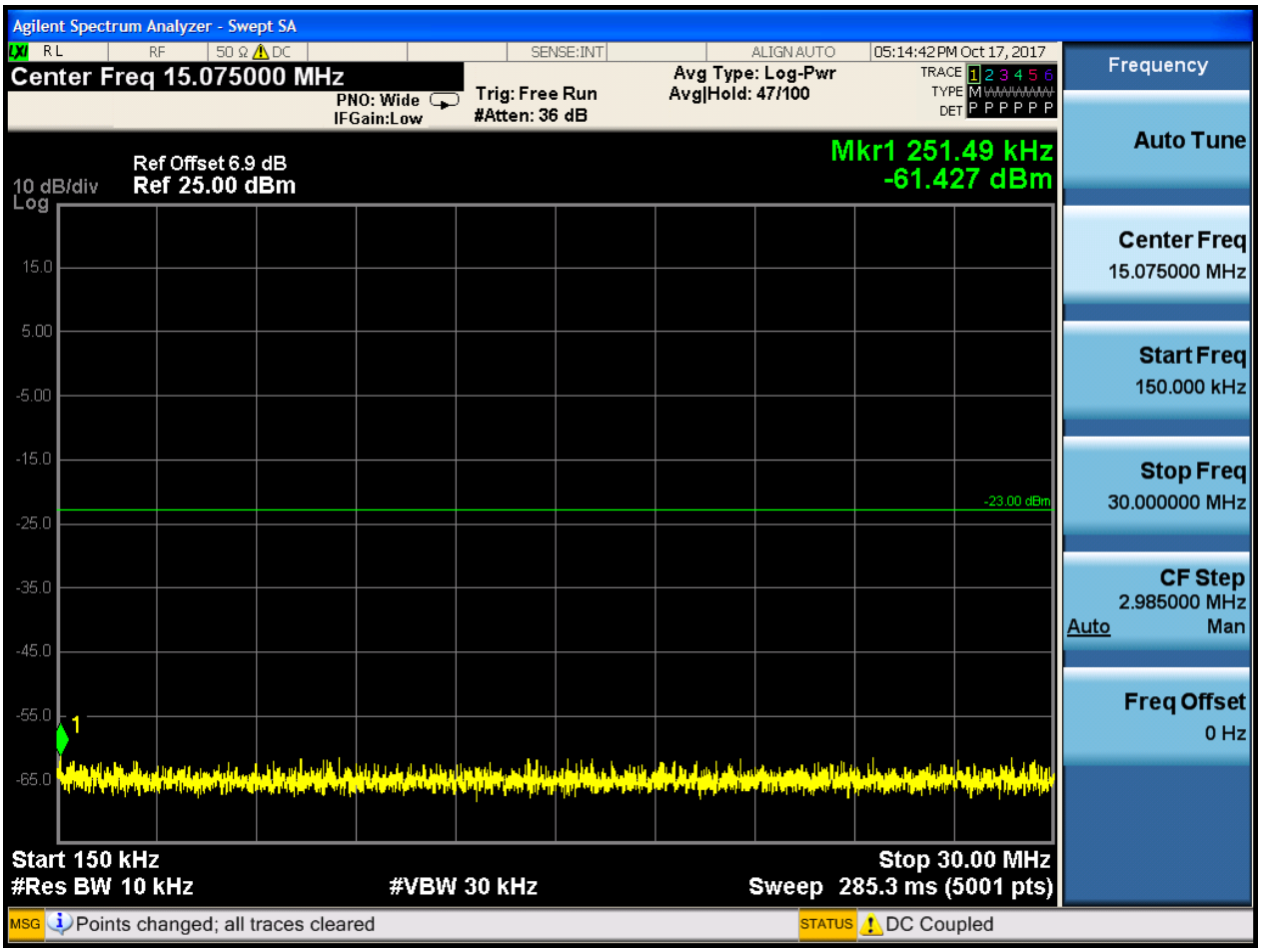


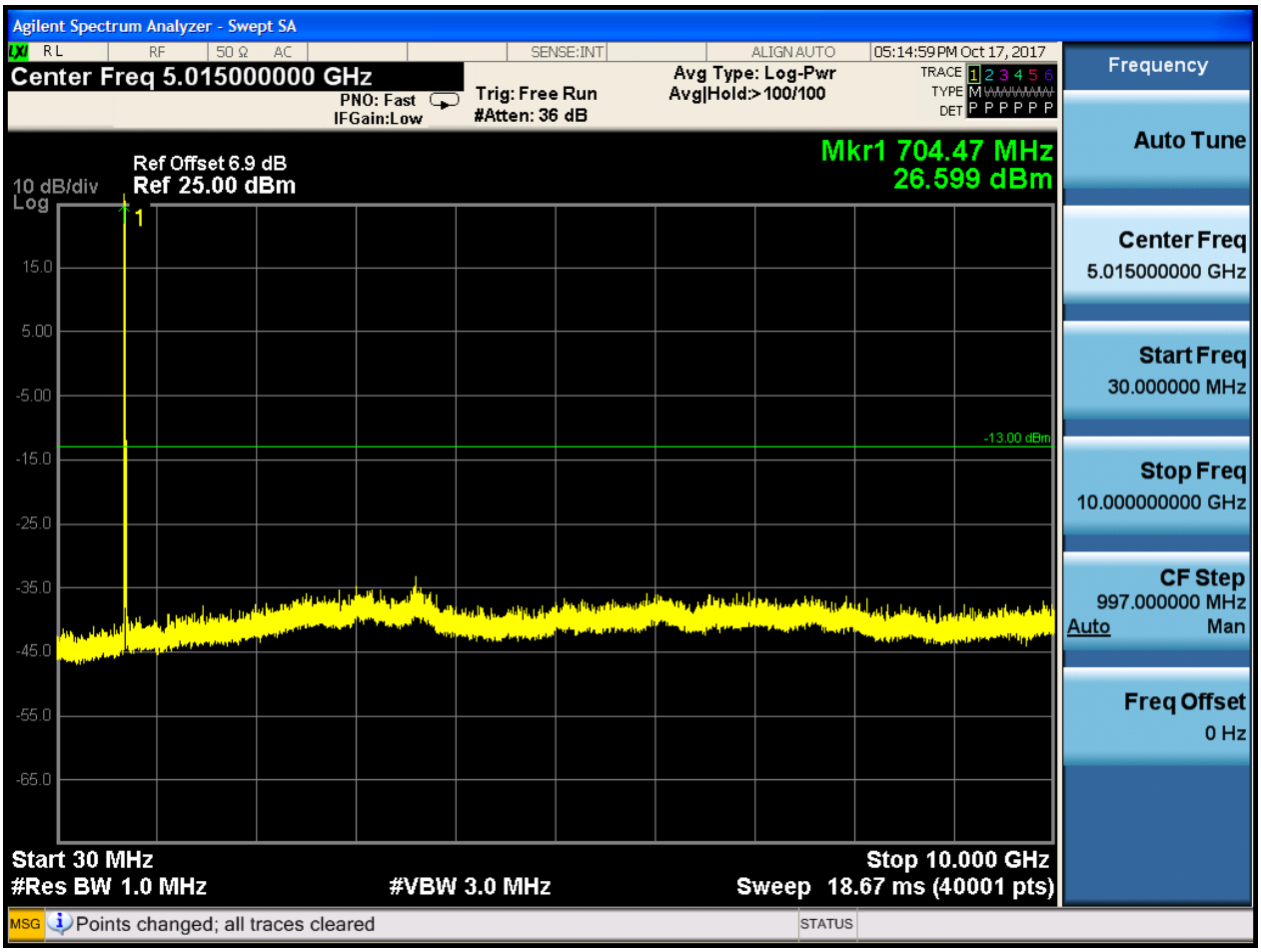
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

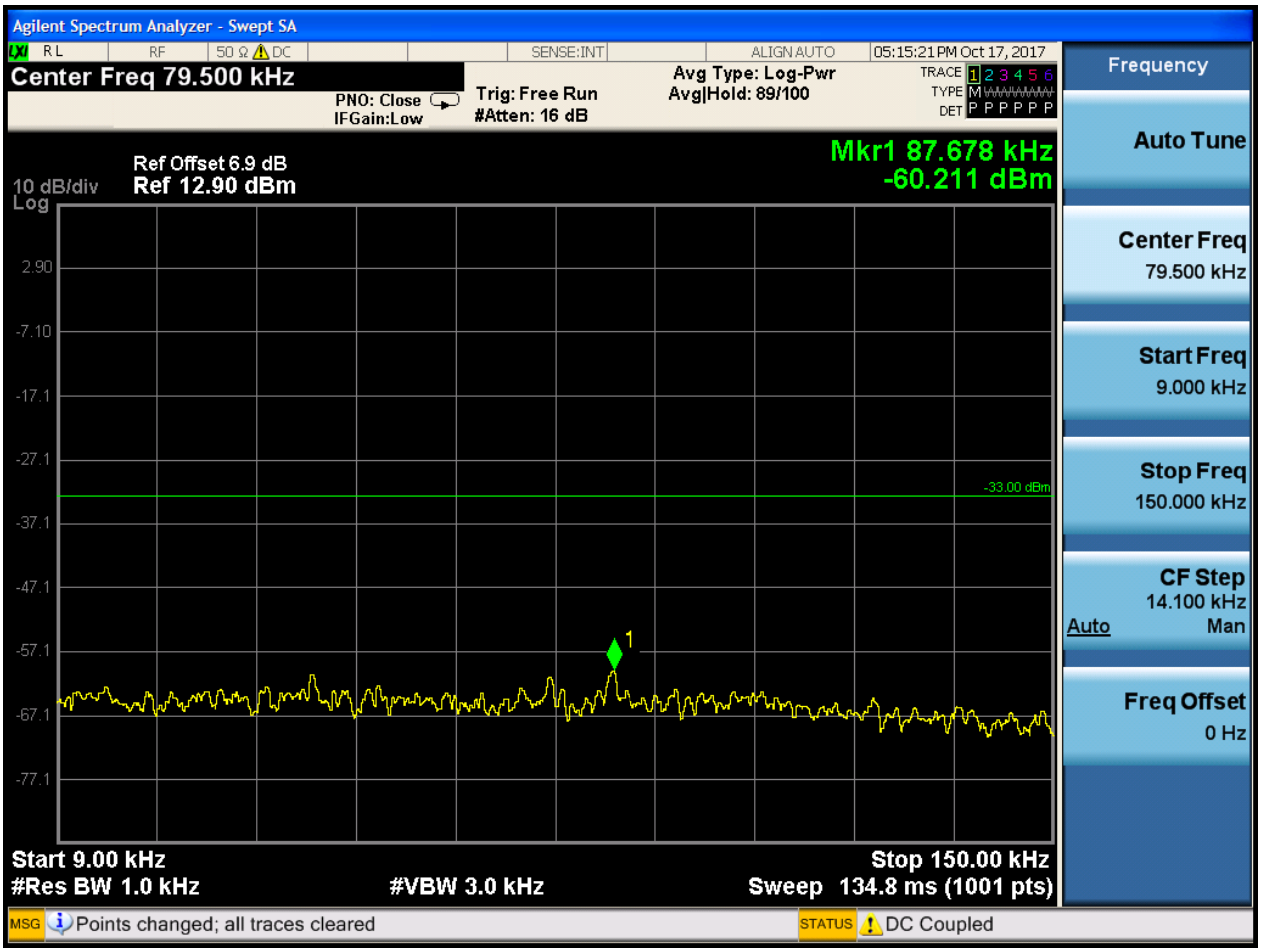


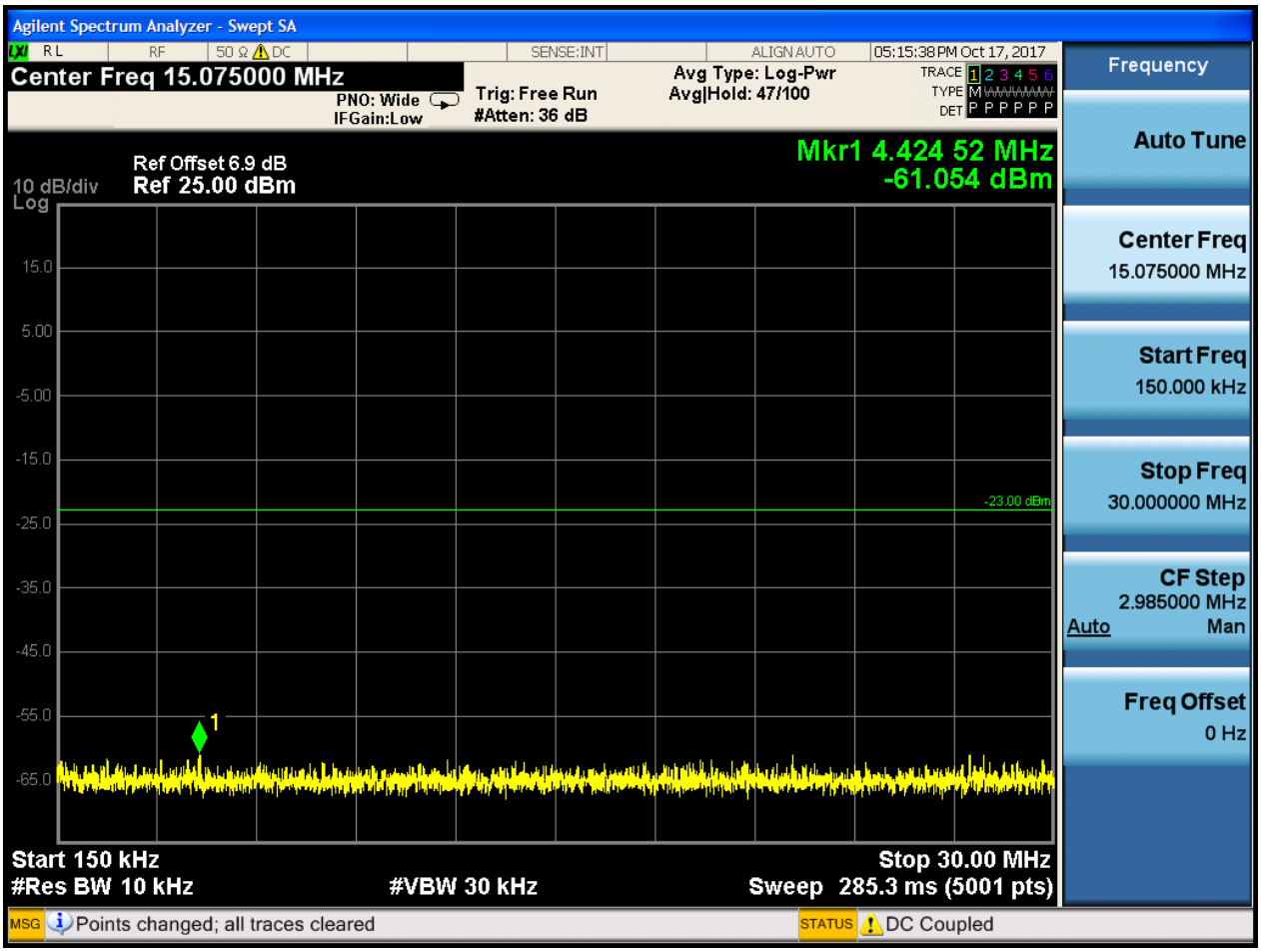


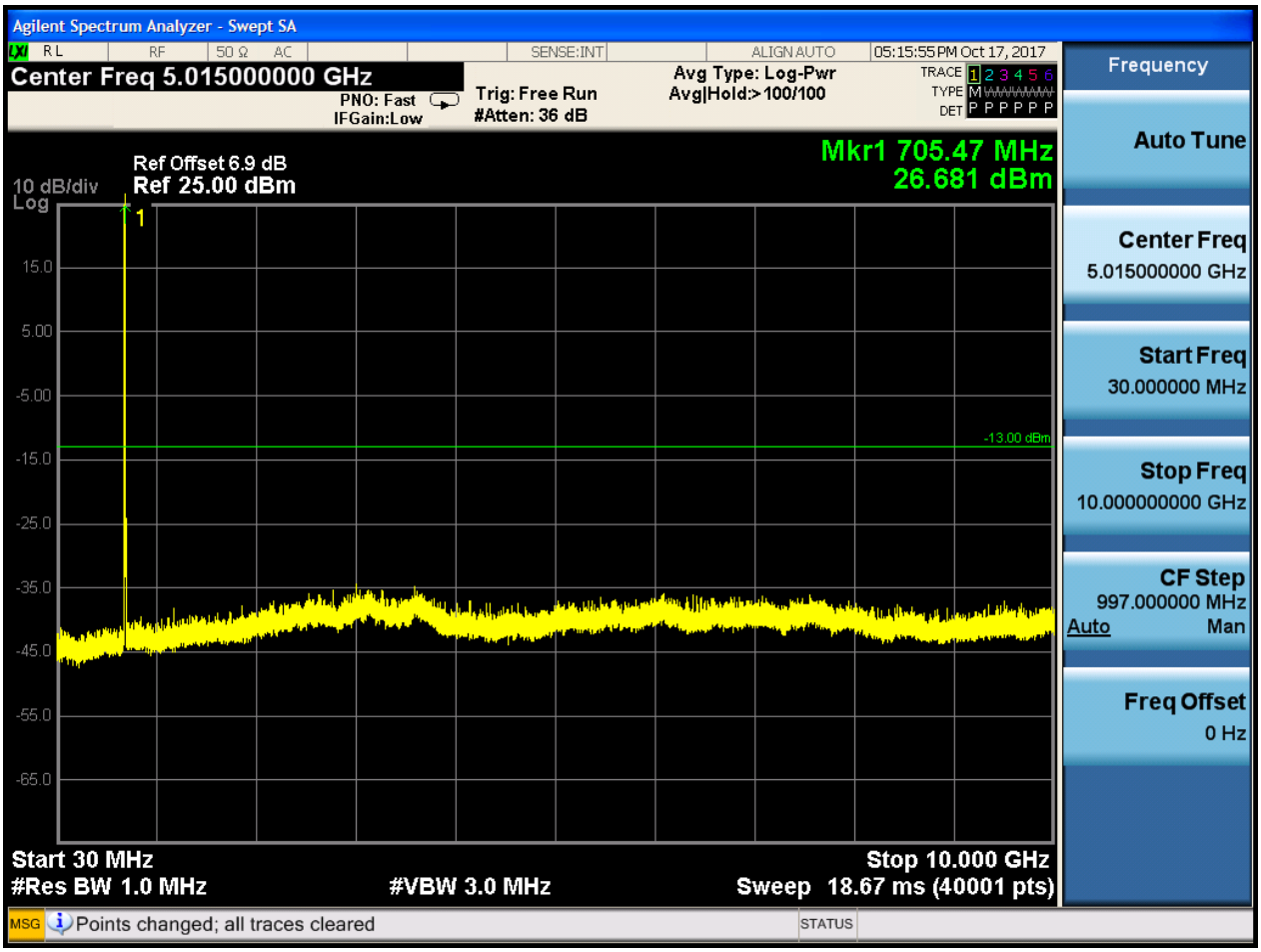


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

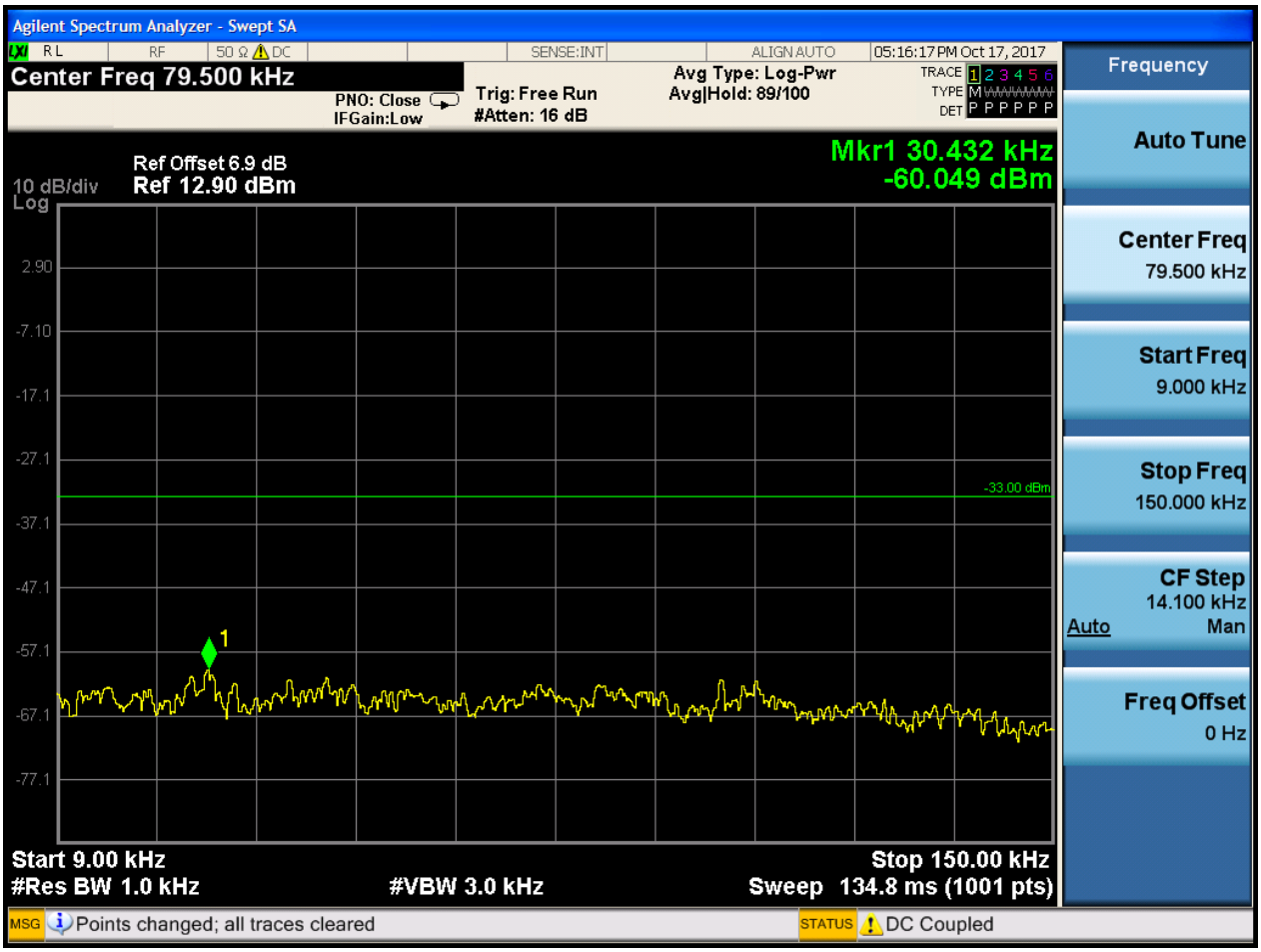


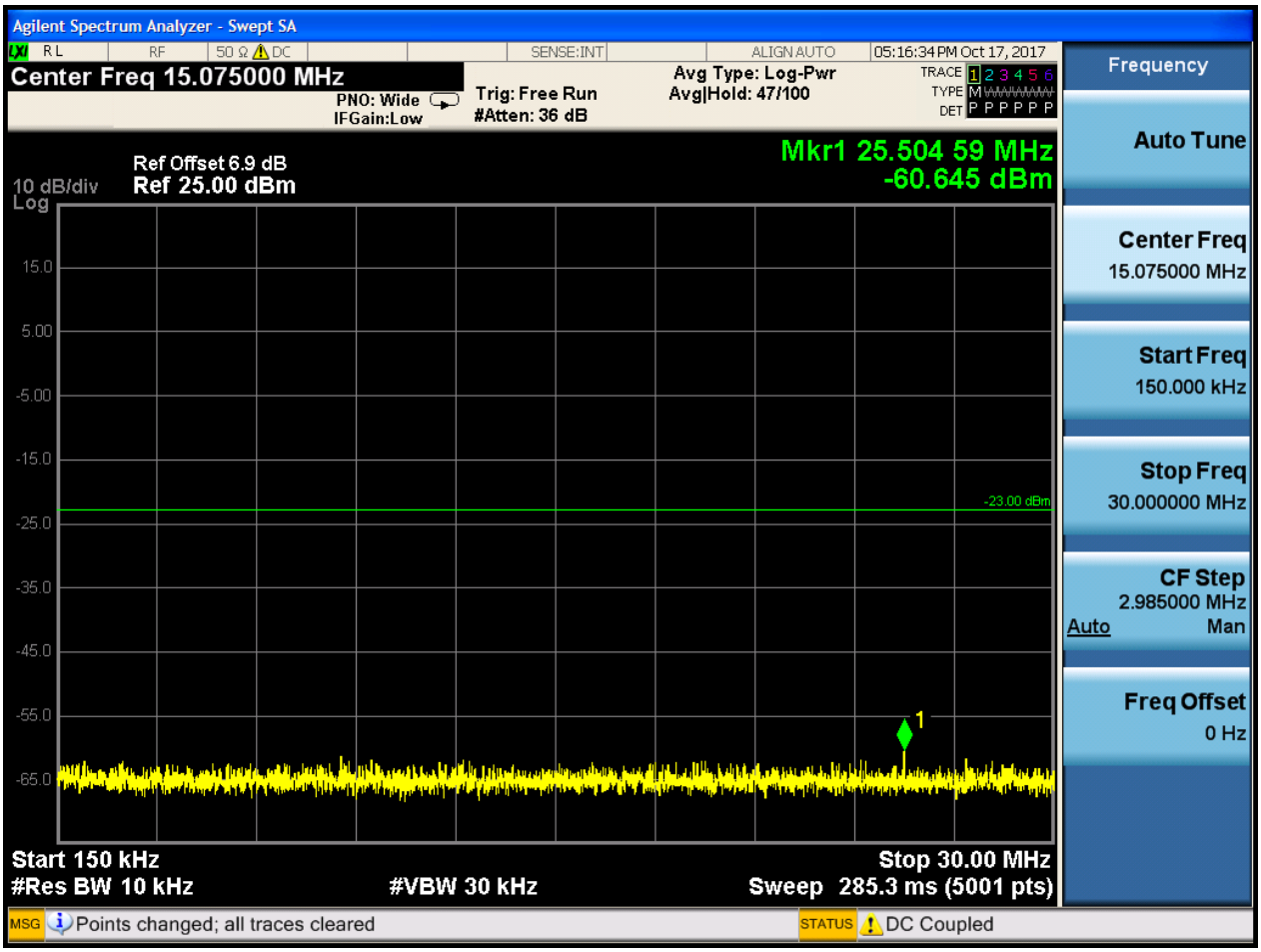


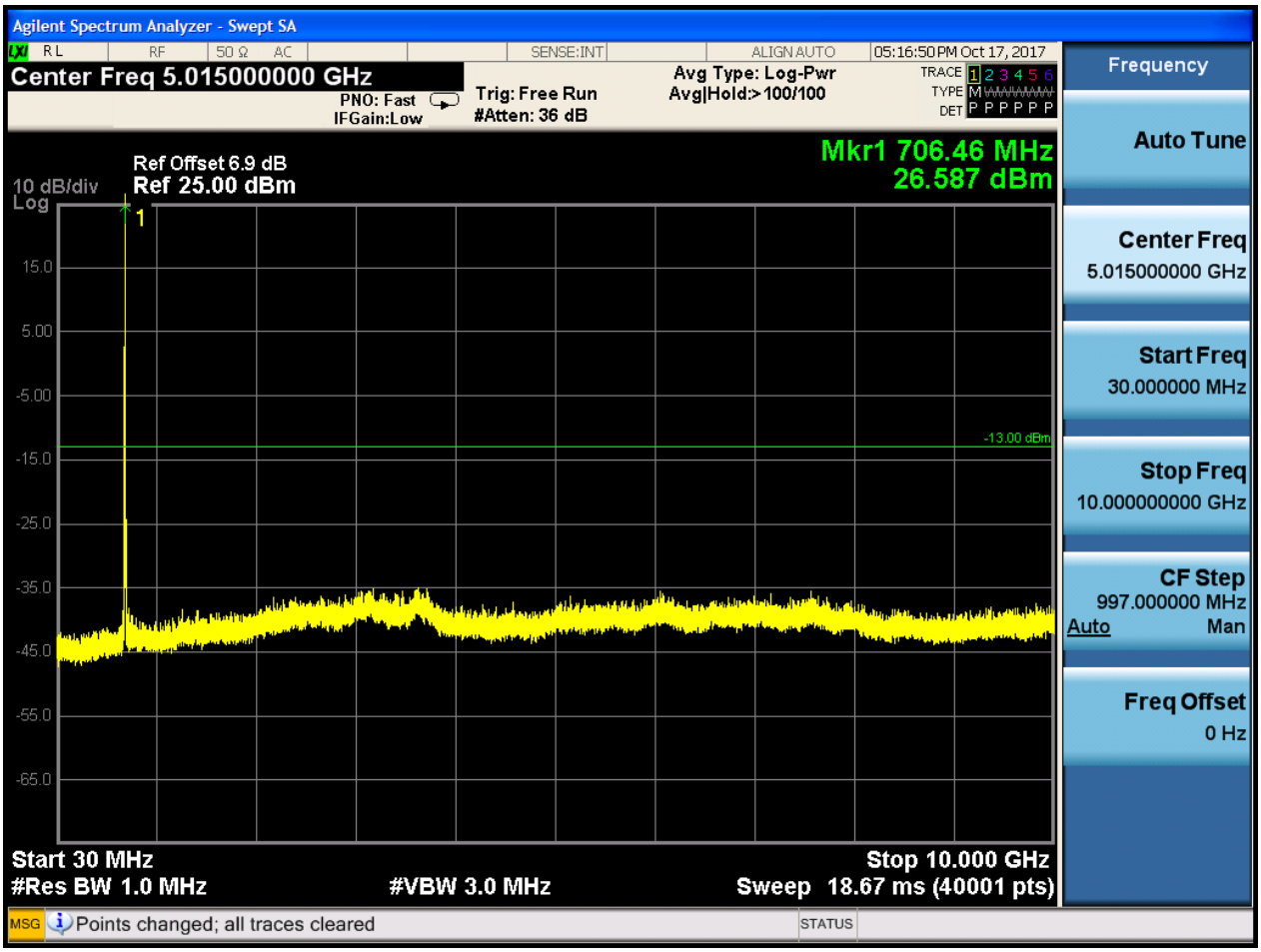


6.1.1.2.2.3 Test Channel = HCH

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

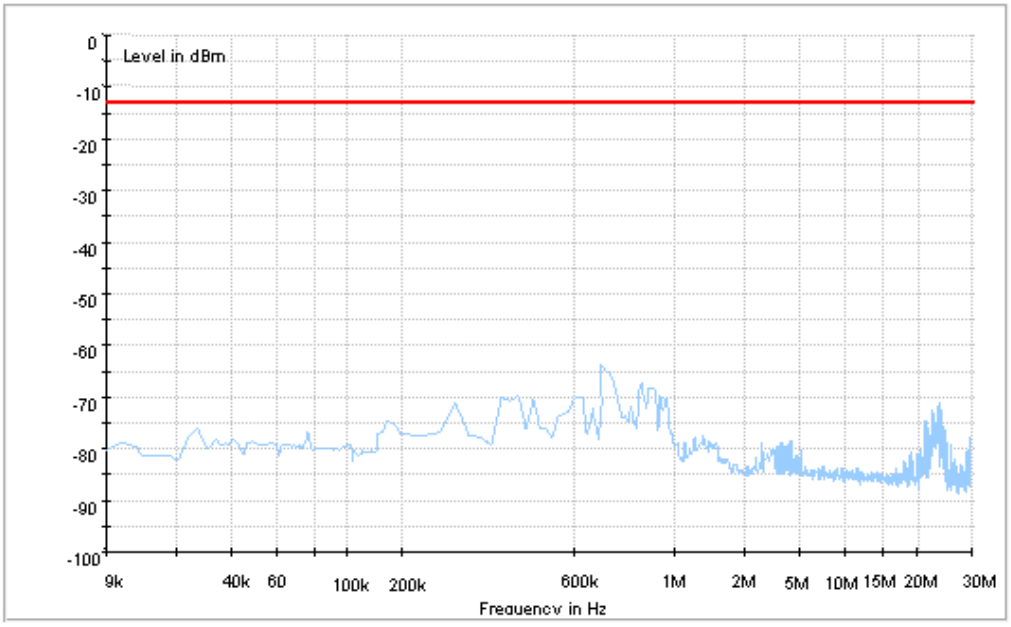
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

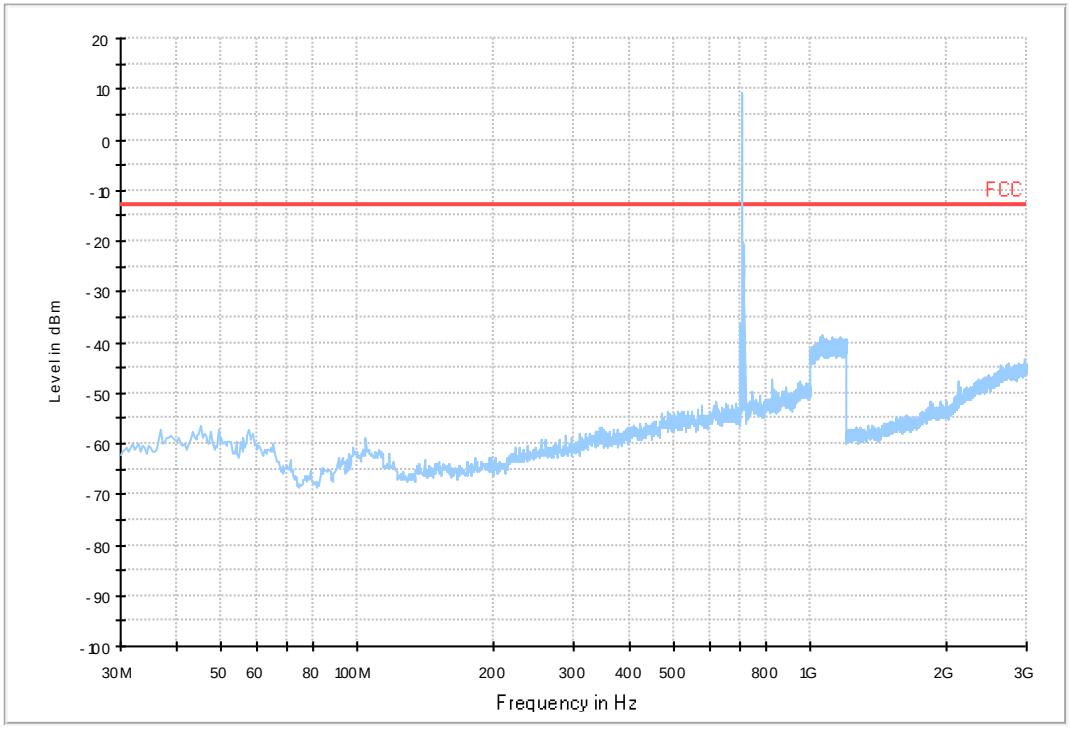
7.1 For LTE

7.1.1 Test Band = BAND17_ANT1

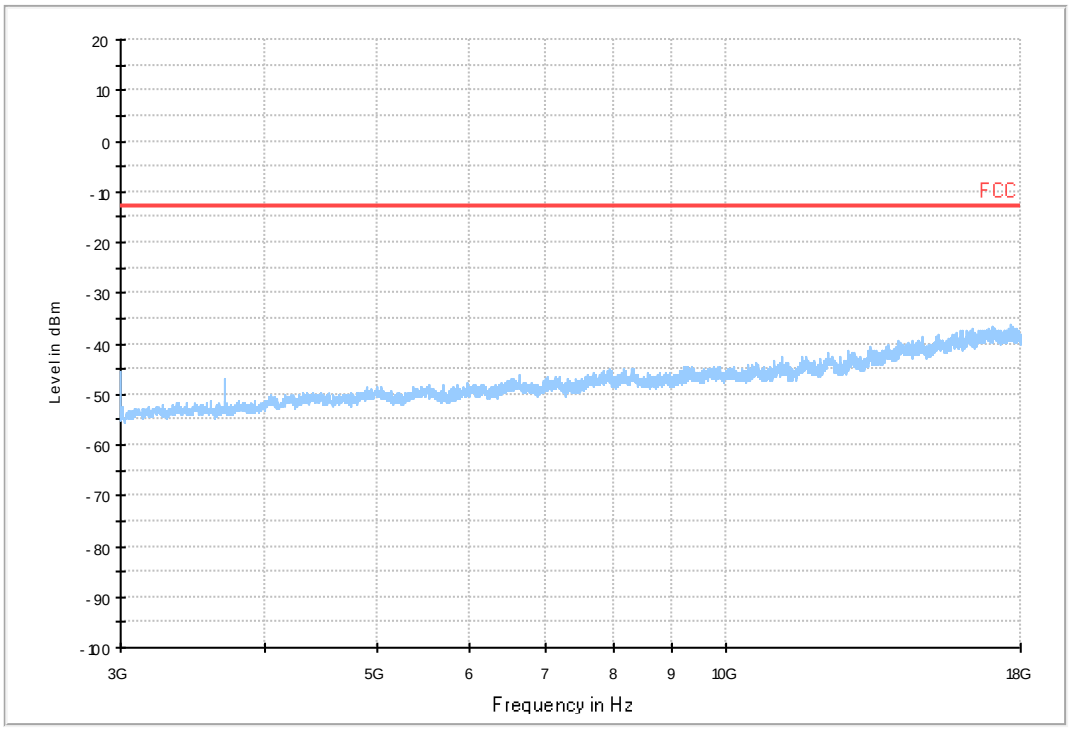
7.1.1.1 Test Bandwidth = 5



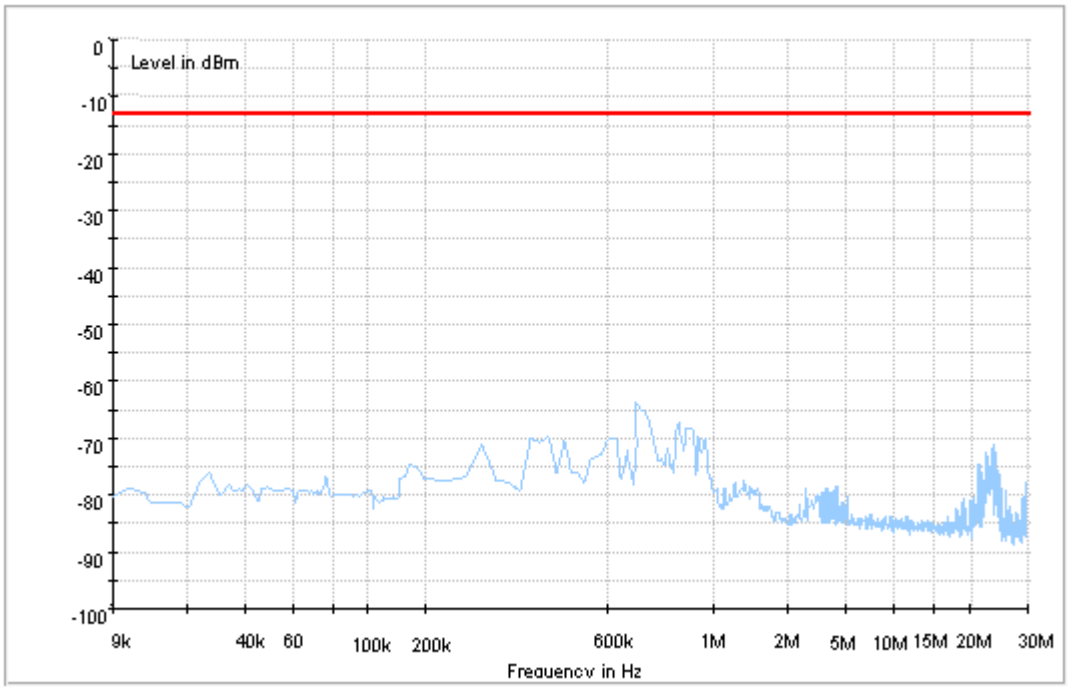
Copy of RSE-TX-DIRECTOR BELOW 1G_L



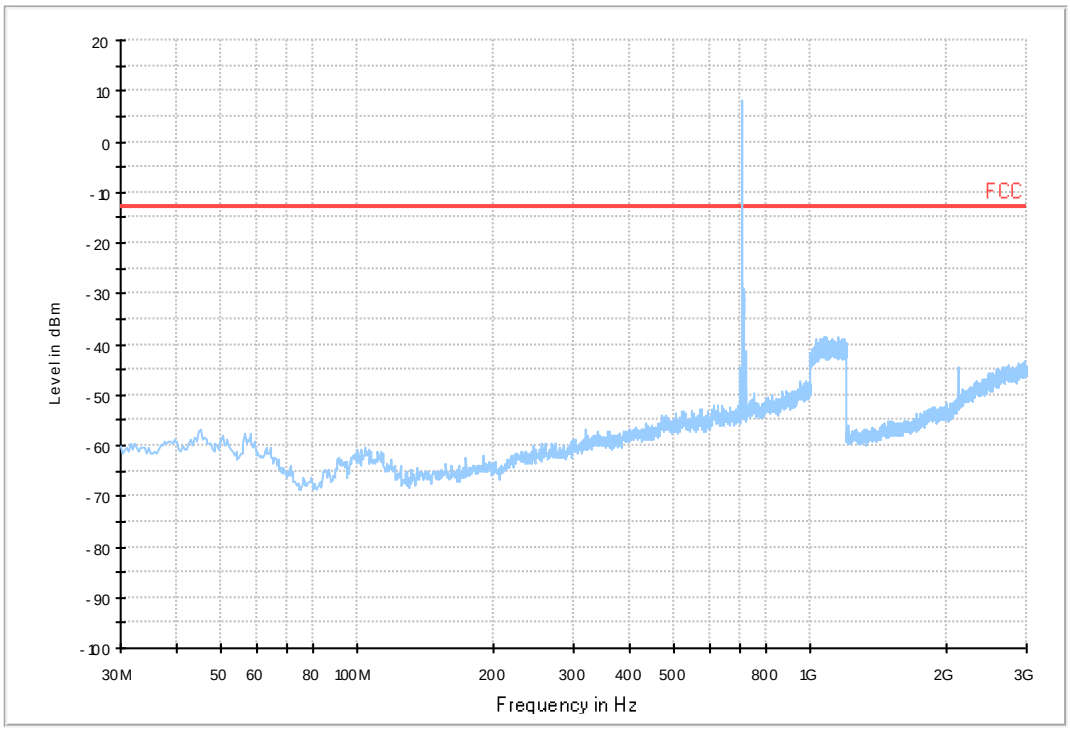
Copy of RSE-TX-DIRECTOR BELOW 1G_H

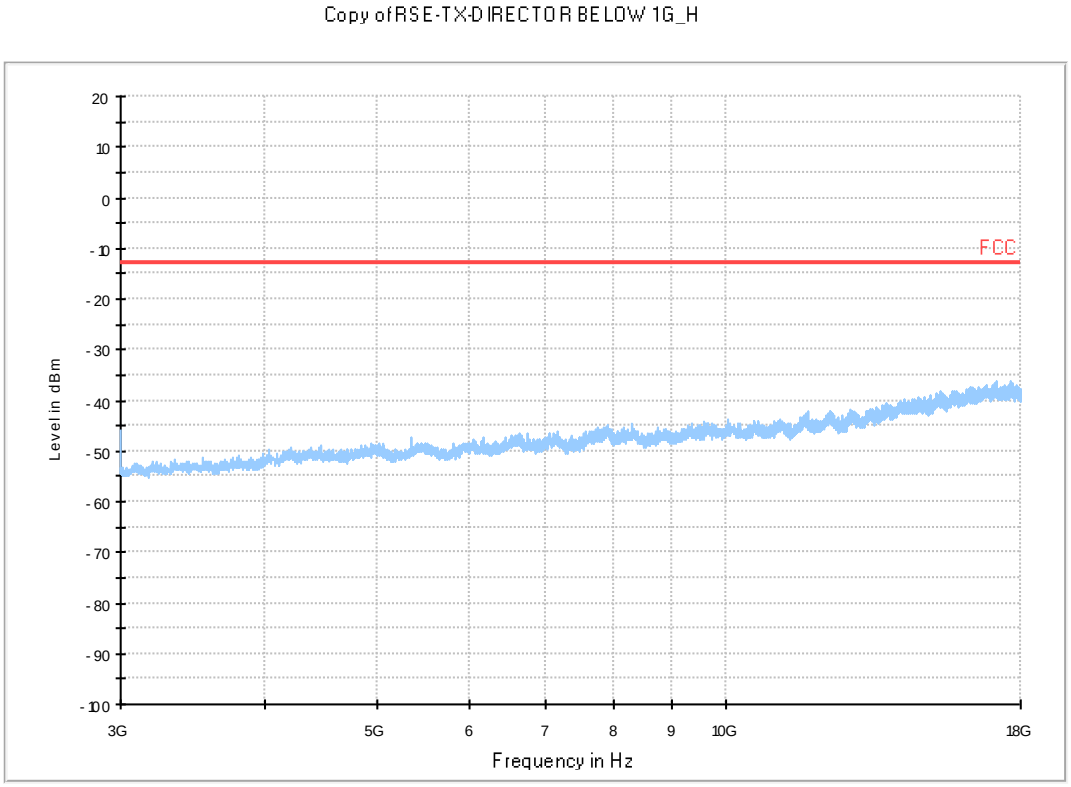


7.1.1.2 Test Bandwidth = 10



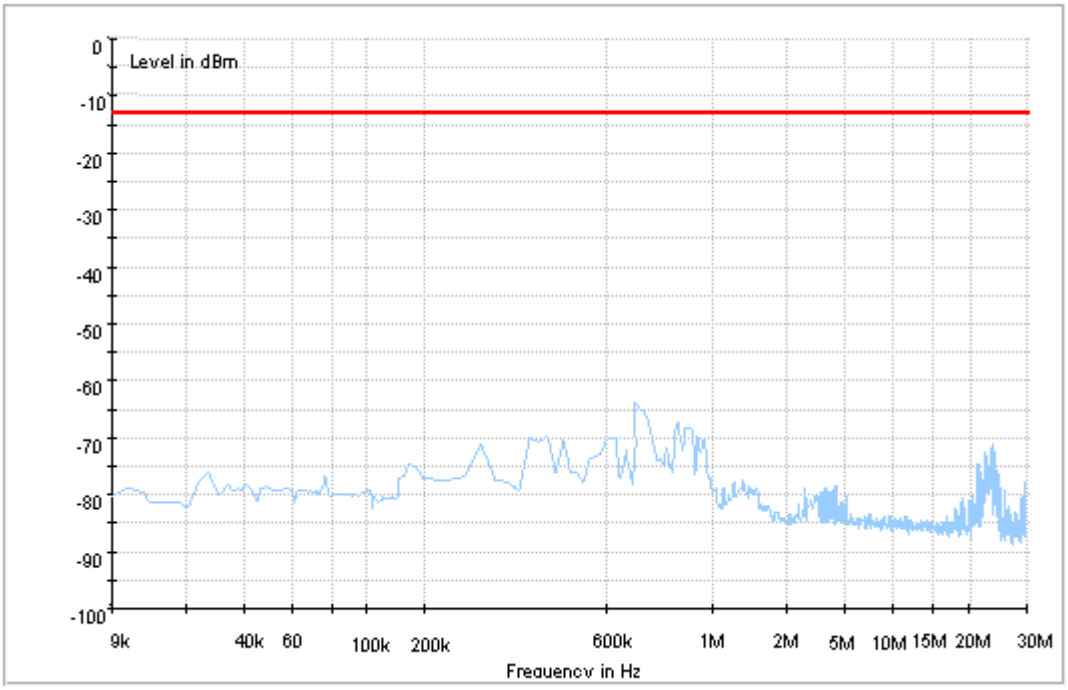
Copy of RSE-TX-DIRECTOR BELOW 1G_L



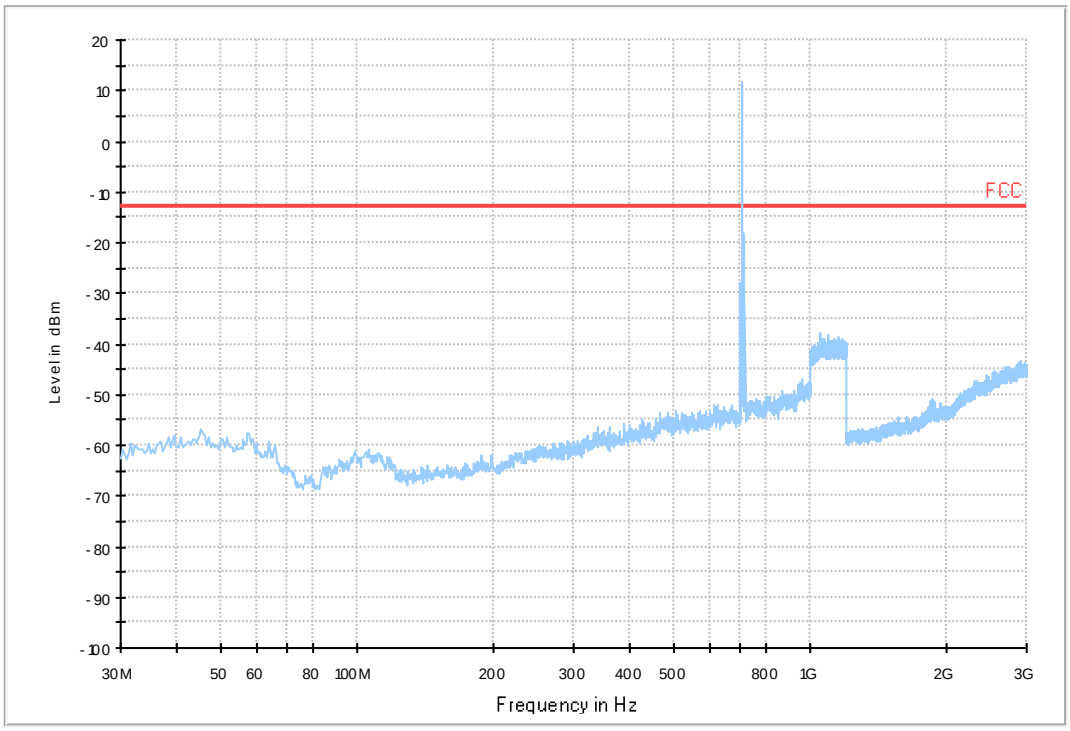


7.1.2 Test Band = BAND17_ANT2

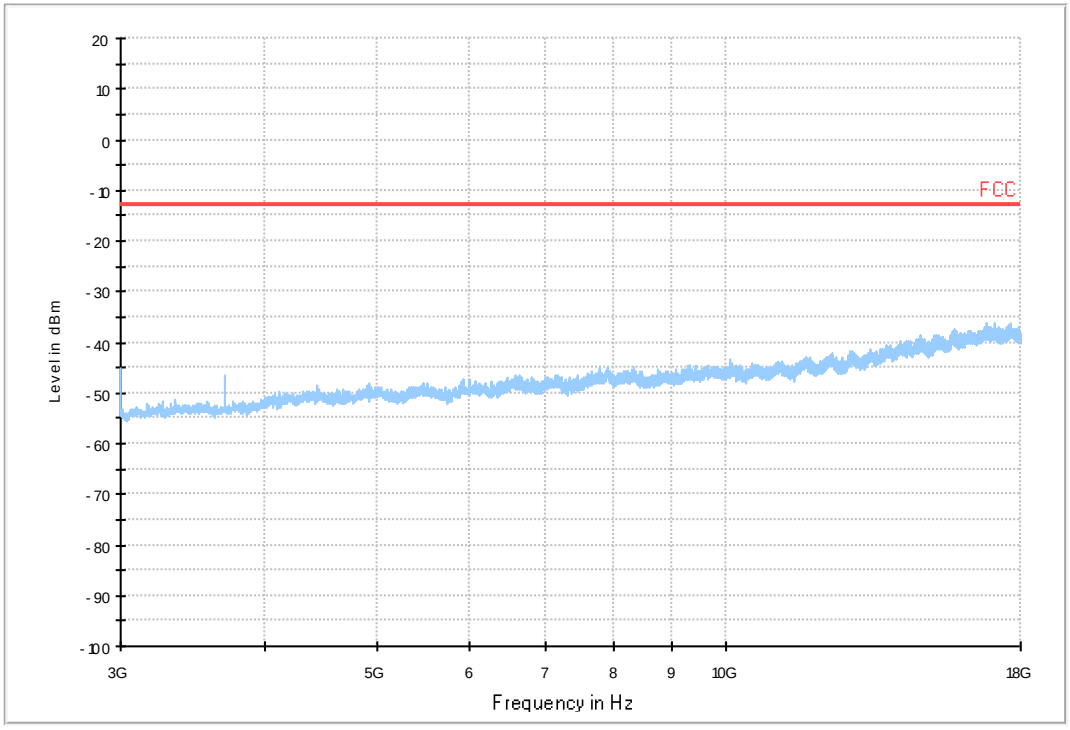
7.1.2.1 Test Bandwidth = 5



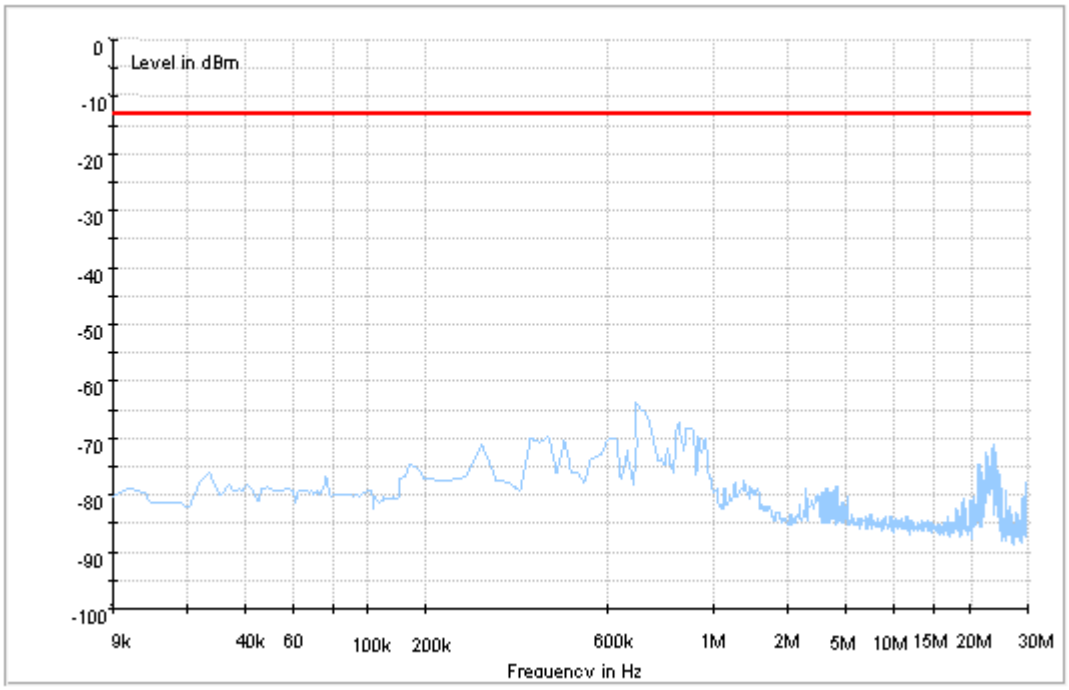
Copy of RSE-TX-DIRECTOR BELOW 1G_L



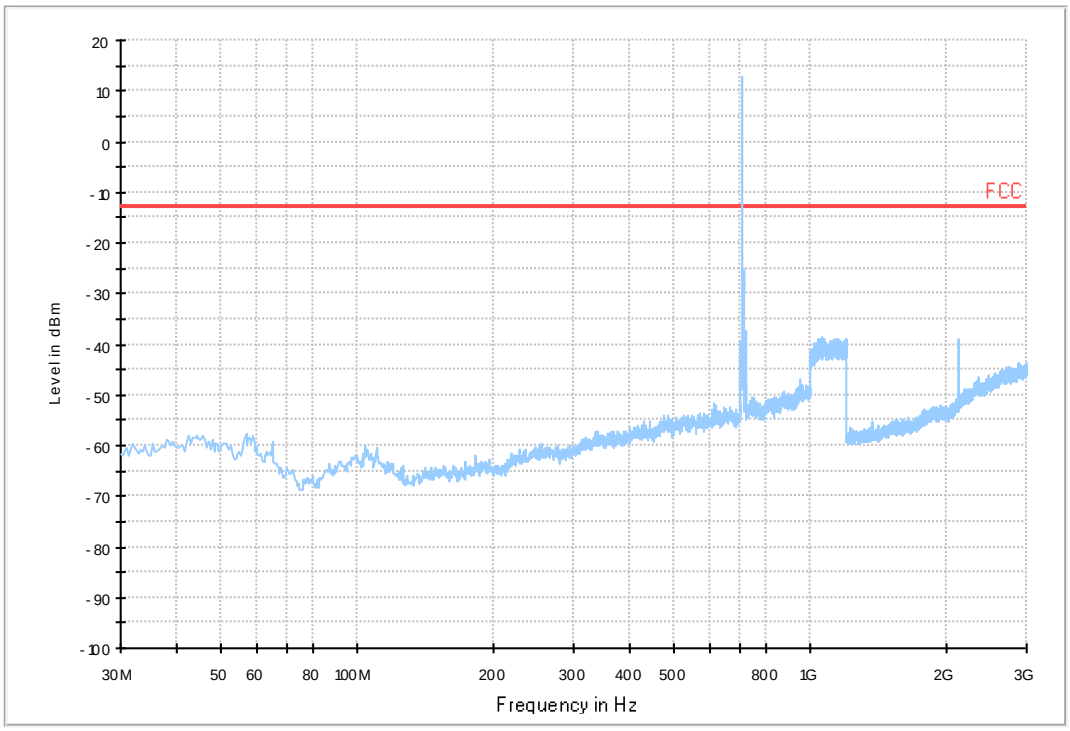
Copy of RSE-TX-DIRECTOR BELOW 1G_H



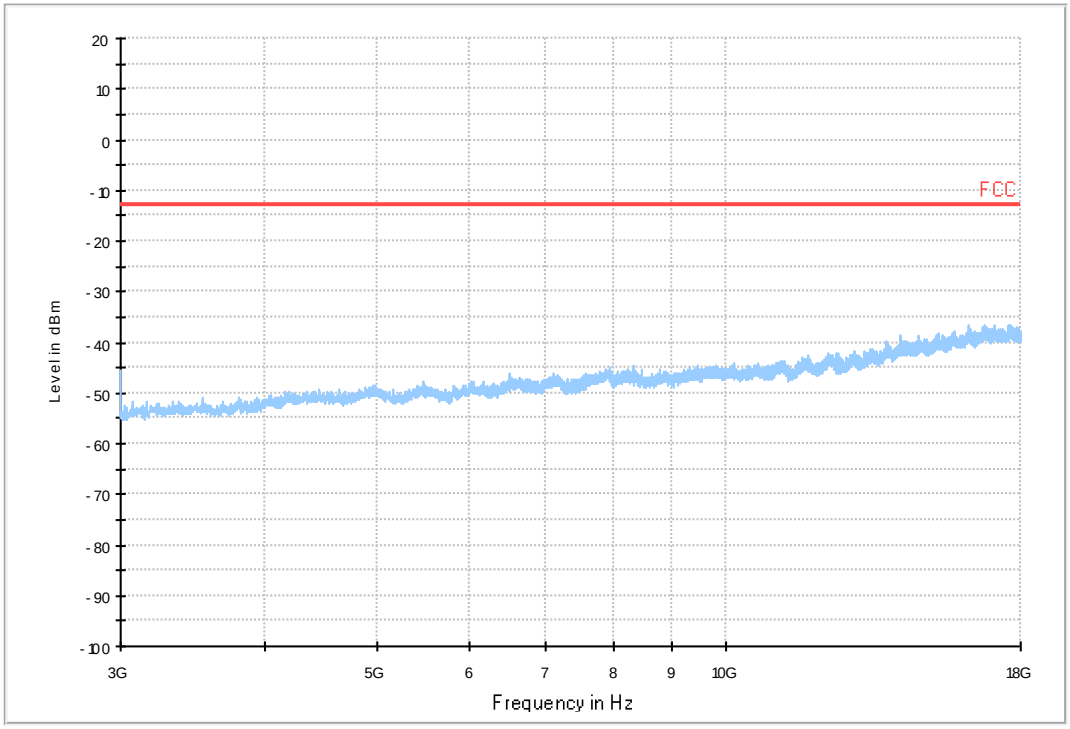
7.1.2.2 Test Bandwidth = 10



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	-3.10	-0.00439	PASS
					VN	0.37	0.00052	PASS
					VH	-1.62	-0.00229	PASS
			MCH	TN	VL	4.19	0.0059	PASS
					VN	-0.93	-0.00131	PASS
					VH	-5.25	-0.00739	PASS
			HCH	TN	VL	0.83	0.00116	PASS
					VN	-1.36	-0.00191	PASS
					VH	4.32	0.00605	PASS
		10	LCH	TN	VL	2.23	0.00315	PASS
					VN	1.27	0.00179	PASS
					VH	1.59	0.00224	PASS
			MCH	TN	VL	-0.70	-0.00099	PASS
					VN	-0.97	-0.00137	PASS
					VH	-0.72	-0.00101	PASS
			HCH	TN	VL	-7.81	-0.01098	PASS
					VN	0.20	0.00028	PASS
					VH	-5.74	-0.00807	PASS
	LTE/TM2	5	LCH	TN	VL	-2.62	-0.00371	PASS
					VN	1.03	0.00146	PASS
					VH	-3.09	-0.00437	PASS
			MCH	TN	VL	1.10	0.00155	PASS
					VN	2.33	0.00328	PASS
					VH	-2.98	-0.0042	PASS
			HCH	TN	VL	-0.47	-0.00066	PASS
					VN	2.12	0.00297	PASS
					VH	3.71	0.0052	PASS
		10	LCH	TN	VL	-0.57	-0.0008	PASS
					VN	-0.40	-0.00056	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-0.66	-0.00093	PASS
			MCH	TN	VL	-0.89	-0.00125	PASS
					VN	0.33	0.00046	PASS
					VH	-0.92	-0.0013	PASS
			HCH	TN	VL	1.19	0.00167	PASS
					VN	-2.19	-0.00308	PASS
					VH	-0.30	-0.00042	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	-0.51	-0.00072	PASS
					-20	2.02	0.00286	PASS
					-10	-1.67	-0.00236	PASS
					0	-0.11	-0.00016	PASS
					10	-4.36	-0.00617	PASS
					20	0.99	0.0014	PASS
					30	-0.76	-0.00108	PASS
					40	-2.86	-0.00405	PASS
					50	-5.09	-0.0072	PASS
			MCH	VN	-30	4.75	0.00669	PASS
					-20	-3.52	-0.00496	PASS
					-10	3.65	0.00514	PASS
					0	-3.33	-0.00469	PASS
					10	0.00	0	PASS
					20	1.62	0.00228	PASS
					30	-0.87	-0.00123	PASS
					40	1.85	0.00261	PASS
					50	-7.51	-0.01058	PASS
			HCH	VN	-30	0.44	0.00062	PASS
					-20	1.82	0.00255	PASS
					-10	6.12	0.00858	PASS
					0	3.12	0.00437	PASS
					10	1.42	0.00199	PASS
					20	2.79	0.00391	PASS
					30	-6.75	-0.00946	PASS
					40	0.51	0.00071	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	0.89	0.00125	PASS
		10	LCH	VN	-30	-0.66	-0.00093	PASS
					-20	-0.26	-0.00037	PASS
					-10	-0.60	-0.00085	PASS
					0	2.93	0.00413	PASS
					10	-0.23	-0.00032	PASS
					20	-1.67	-0.00236	PASS
					30	-0.63	-0.00089	PASS
					40	-1.30	-0.00183	PASS
					50	0.49	0.00069	PASS
			MCH	VN	-30	-5.94	-0.00837	PASS
					-20	-3.73	-0.00525	PASS
					-10	-3.46	-0.00487	PASS
					0	-1.37	-0.00193	PASS
					10	-5.62	-0.00792	PASS
					20	-1.83	-0.00258	PASS
					30	-2.17	-0.00306	PASS
					40	-5.12	-0.00721	PASS
					50	-1.03	-0.00145	PASS
			HCH	VN	-30	-3.48	-0.00489	PASS
					-20	-0.36	-0.00051	PASS
					-10	-0.92	-0.00129	PASS
					0	-0.44	-0.00062	PASS
					10	-2.78	-0.00391	PASS
					20	-1.04	-0.00146	PASS
					30	-1.09	-0.00153	PASS
					40	0.41	0.00058	PASS
					50	-2.22	-0.00312	PASS
	LTE/TM2	5	LCH	VN	-30	1.00	0.00142	PASS
					-20	3.56	0.00504	PASS
					-10	-3.83	-0.00542	PASS
					0	-3.79	-0.00536	PASS
					10	-0.80	-0.00113	PASS
					20	-3.18	-0.0045	PASS
					30	-2.90	-0.0041	PASS
					40	1.32	0.00187	PASS
					50	1.04	0.00147	PASS
			MCH	VN	-30	1.23	0.00173	PASS
					-20	-2.29	-0.00323	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-0.69	-0.00097	PASS
					0	-0.30	-0.00042	PASS
					10	1.17	0.00165	PASS
					20	2.86	0.00403	PASS
					30	2.69	0.00379	PASS
					40	-0.14	-0.0002	PASS
					50	0.60	0.00085	PASS
			HCH	VN	-30	-1.20	-0.00168	PASS
					-20	-3.35	-0.0047	PASS
					-10	0.34	0.00048	PASS
					0	8.28	0.0116	PASS
					10	5.28	0.0074	PASS
					20	0.73	0.00102	PASS
					30	0.80	0.00112	PASS
					40	-0.33	-0.00046	PASS
					50	-1.04	-0.00146	PASS
		10	LCH	VN	-30	-0.44	-0.00062	PASS
					-20	-1.39	-0.00196	PASS
					-10	0.14	0.0002	PASS
					0	-0.41	-0.00058	PASS
					10	-0.93	-0.00131	PASS
					20	-0.07	-0.0001	PASS
					30	-0.41	-0.00058	PASS
					40	-0.26	-0.00037	PASS
					50	-0.11	-0.00016	PASS
			MCH	VN	-30	-1.73	-0.00244	PASS
					-20	0.41	0.00058	PASS
					-10	-0.47	-0.00066	PASS
					0	1.39	0.00196	PASS
					10	0.14	0.0002	PASS
					20	0.27	0.00038	PASS
					30	0.21	0.0003	PASS
					40	0.09	0.00013	PASS
					50	0.51	0.00072	PASS
			HCH	VN	-30	5.26	0.0074	PASS
					-20	1.62	0.00228	PASS
					-10	3.16	0.00444	PASS
					0	2.47	0.00347	PASS
					10	1.16	0.00163	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	1.19	0.00167	PASS
					30	3.45	0.00485	PASS
					40	0.29	0.00041	PASS
					50	0.17	0.00024	PASS

END