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
BAND13	LTE/TM 1	5	LCH	RB1#0	23.36	20.66	34.7	PASS
				RB1#13	23.55	20.85	34.7	PASS
				RB1#24	23.46	20.76	34.7	PASS
				RB12#0	22.43	19.73	34.7	PASS
				RB12#6	22.6	19.9	34.7	PASS
				RB12#13	22.56	19.86	34.7	PASS
				RB25#0	22.41	19.71	34.7	PASS
			MCH	RB1#0	23.73	21.03	34.7	PASS
				RB1#13	23.36	20.66	34.7	PASS
				RB1#24	23.45	20.75	34.7	PASS
				RB12#0	22.56	19.86	34.7	PASS
				RB12#6	22.4	19.7	34.7	PASS
				RB12#13	22.37	19.67	34.7	PASS
				RB25#0	22.6	19.9	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.58	20.88	34.7	PASS
				RB1#13	23.49	20.79	34.7	PASS
				RB1#24	23.41	20.71	34.7	PASS
				RB12#0	22.62	19.92	34.7	PASS
				RB12#6	22.45	19.75	34.7	PASS
				RB12#13	22.49	19.79	34.7	PASS
				RB25#0	22.51	19.81	34.7	PASS
		10	LCH	RB1#0	23.69	20.99	34.7	PASS
				RB1#25	23.67	20.97	34.7	PASS
				RB1#49	23.75	21.05	34.7	PASS
				RB25#0	22.59	19.89	34.7	PASS
				RB25#13	22.48	19.78	34.7	PASS
				RB25#25	22.55	19.85	34.7	PASS
				RB50#0	22.57	19.87	34.7	PASS
			MCH	RB1#0	23.67	20.97	34.7	PASS
				RB1#25	23.97	21.27	34.7	PASS
				RB1#49	23.73	21.03	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.65	19.95	34.7	PASS
				RB25#13	22.56	19.86	34.7	PASS
				RB25#25	22.55	19.85	34.7	PASS
				RB50#0	22.65	19.95	34.7	PASS
			HCH	RB1#0	23.83	21.13	34.7	PASS
				RB1#25	23.65	20.95	34.7	PASS
				RB1#49	23.82	21.12	34.7	PASS
				RB25#0	22.65	19.95	34.7	PASS
				RB25#13	22.55	19.85	34.7	PASS
				RB25#25	22.54	19.84	34.7	PASS
				RB50#0	22.64	19.94	34.7	PASS
	LTE/TM 2	5	LCH	RB1#0	22.51	19.81	34.7	PASS
				RB1#13	22.7	20	34.7	PASS
				RB1#24	22.67	19.97	34.7	PASS
				RB12#0	21.55	18.85	34.7	PASS
				RB12#6	21.55	18.85	34.7	PASS
				RB12#13	21.55	18.85	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.66	18.96	34.7	PASS
			MCH	RB1#0	22.95	20.25	34.7	PASS
				RB1#13	22.33	19.63	34.7	PASS
				RB1#24	22.21	19.51	34.7	PASS
				RB12#0	21.58	18.88	34.7	PASS
				RB12#6	21.49	18.79	34.7	PASS
				RB12#13	21.56	18.86	34.7	PASS
				RB25#0	21.52	18.82	34.7	PASS
			HCH	RB1#0	22.88	20.18	34.7	PASS
				RB1#13	22.75	20.05	34.7	PASS
				RB1#24	22.76	20.06	34.7	PASS
				RB12#0	21.52	18.82	34.7	PASS
				RB12#6	21.35	18.65	34.7	PASS
				RB12#13	21.28	18.58	34.7	PASS
				RB25#0	21.39	18.69	34.7	PASS
		10	LCH	RB1#0	22.81	20.11	34.7	PASS
				RB1#25	22.82	20.12	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.84	20.14	34.7	PASS
				RB25#0	21.44	18.74	34.7	PASS
				RB25#13	21.46	18.76	34.7	PASS
				RB25#25	21.54	18.84	34.7	PASS
				RB50#0	21.49	18.79	34.7	PASS
			MCH	RB1#0	22.79	20.09	34.7	PASS
				RB1#25	22.89	20.19	34.7	PASS
				RB1#49	22.56	19.86	34.7	PASS
				RB25#0	21.48	18.78	34.7	PASS
				RB25#13	21.41	18.71	34.7	PASS
				RB25#25	21.37	18.67	34.7	PASS
				RB50#0	21.42	18.72	34.7	PASS
			HCH	RB1#0	22.79	20.09	34.7	PASS
				RB1#25	22.88	20.18	34.7	PASS
				RB1#49	22.83	20.13	34.7	PASS
				RB25#0	21.38	18.68	34.7	PASS
				RB25#13	21.45	18.75	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.36	18.66	34.7	PASS
				RB50#0	21.49	18.79	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
BAND13	LTE/TM1	5	LCH	RB1#0	2.93	13	PASS
				RB1#13	3.74	13	PASS
				RB1#24	3.32	13	PASS
				RB12#0	4.7	13	PASS
				RB12#6	4.53	13	PASS
				RB12#13	4.46	13	PASS
				RB25#0	5.08	13	PASS
			MCH	RB1#0	3.6	13	PASS
				RB1#13	3.47	13	PASS
				RB1#24	4.07	13	PASS
				RB12#0	4.36	13	PASS
				RB12#6	4.13	13	PASS
				RB12#13	4.68	13	PASS
				RB25#0	5.12	13	PASS
			HCH	RB1#0	3.28	13	PASS
				RB1#13	4.08	13	PASS
				RB1#24	3.95	13	PASS
				RB12#0	4.6	13	PASS
				RB12#6	4.68	13	PASS
				RB12#13	4.93	13	PASS
				RB25#0	5.31	13	PASS
		10	LCH	RB1#0	3.14	13	PASS
				RB1#25	3.14	13	PASS
				RB1#49	3.97	13	PASS
				RB25#0	4.72	13	PASS
				RB25#13	4.6	13	PASS
				RB25#25	4.84	13	PASS
				RB50#0	5.14	13	PASS
			MCH	RB1#0	3.04	13	PASS
				RB1#25	3.1	13	PASS
				RB1#49	3.97	13	PASS
				RB25#0	4.78	13	PASS
				RB25#13	4.57	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	4.81	13	PASS
				RB50#0	5.24	13	PASS
			HCH	RB1#0	3.13	13	PASS
				RB1#25	3.05	13	PASS
				RB1#49	3.93	13	PASS
				RB25#0	4.81	13	PASS
				RB25#13	4.69	13	PASS
				RB25#25	4.85	13	PASS
				RB50#0	5.51	13	PASS
	LTE/TM2	5	LCH	RB1#0	3.94	13	PASS
				RB1#13	4.84	13	PASS
				RB1#24	4.46	13	PASS
				RB12#0	5.79	13	PASS
				RB12#6	5.48	13	PASS
				RB12#13	5.26	13	PASS
				RB25#0	6.07	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#13	4.52	13	PASS
				RB1#24	5.14	13	PASS
				RB12#0	5.16	13	PASS
				RB12#6	5.12	13	PASS
				RB12#13	5.49	13	PASS
				RB25#0	6.05	13	PASS
			HCH	RB1#0	3.66	13	PASS
				RB1#13	4.41	13	PASS
				RB1#24	4.27	13	PASS
				RB12#0	5.39	13	PASS
				RB12#6	5.55	13	PASS
				RB12#13	5.67	13	PASS
				RB25#0	6.23	13	PASS
		10	LCH	RB1#0	4.02	13	PASS
				RB1#25	4.01	13	PASS
				RB1#49	4.83	13	PASS
				RB25#0	5.79	13	PASS
				RB25#13	5.57	13	PASS
				RB25#25	5.83	13	PASS
				RB50#0	6.1	13	PASS
			MCH	RB1#0	4.08	13	PASS
				RB1#25	3.9	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.72	13	PASS
				RB25#0	5.87	13	PASS
				RB25#13	5.6	13	PASS
				RB25#25	5.86	13	PASS
				RB50#0	6.23	13	PASS
			HCH	RB1#0	3.71	13	PASS
				RB1#25	3.95	13	PASS
				RB1#49	4.8	13	PASS
				RB25#0	5.94	13	PASS
				RB25#13	5.6	13	PASS
				RB25#25	5.86	13	PASS
				RB50#0	6.25	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

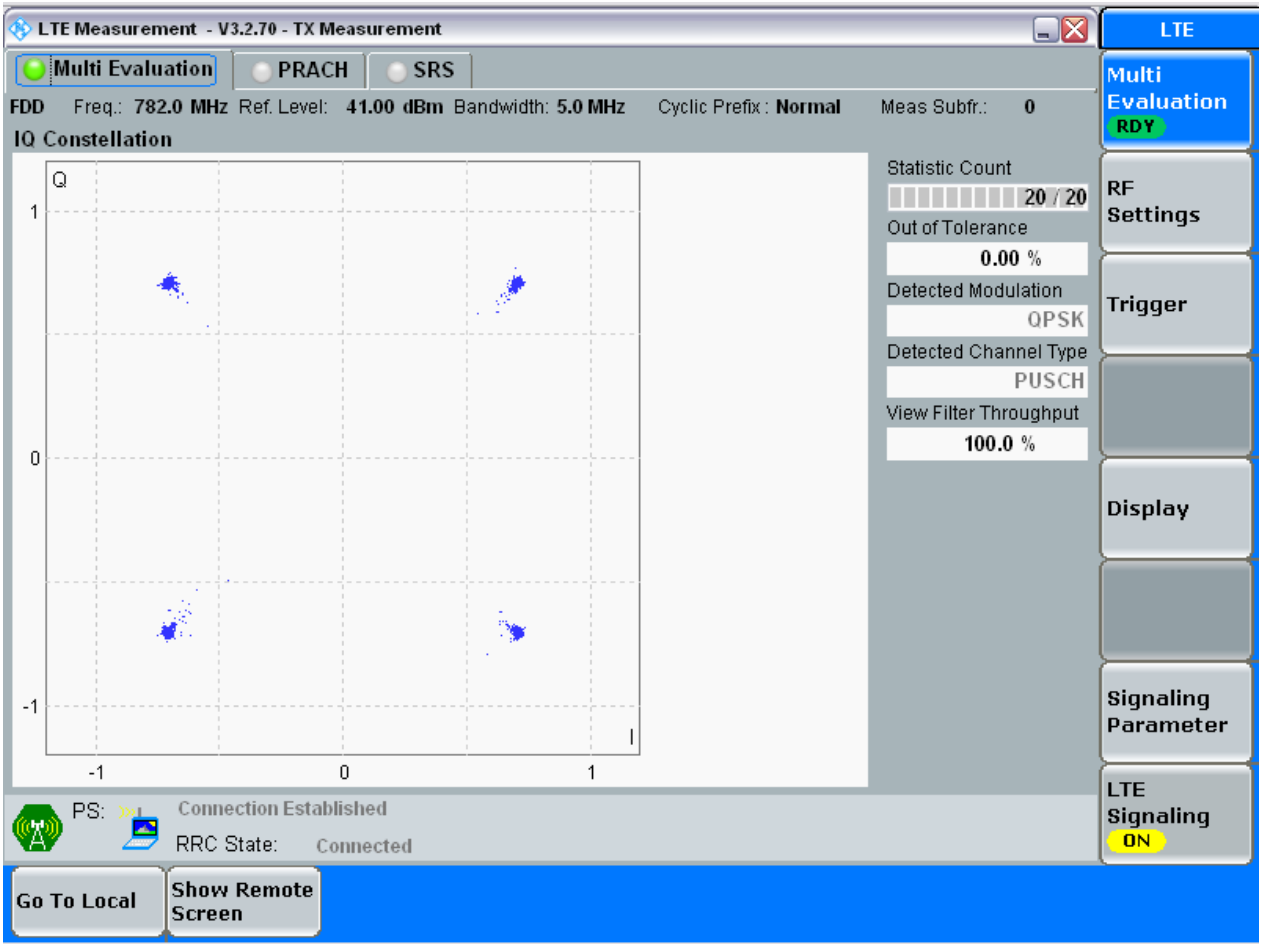
3.1.1 Test Band = BAND13

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

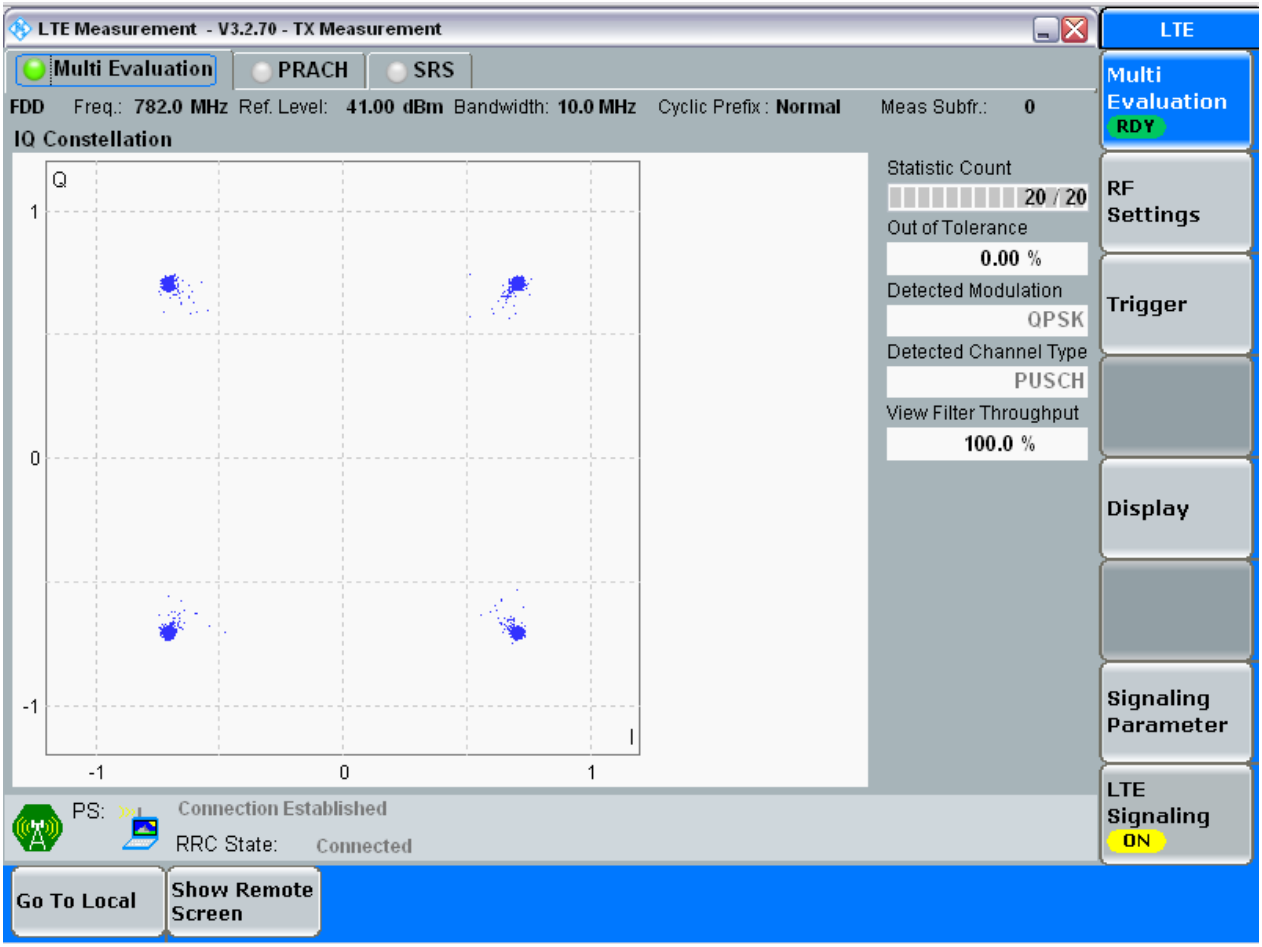
3.1.1.1.1.1.1 Test RB = RB25#0



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

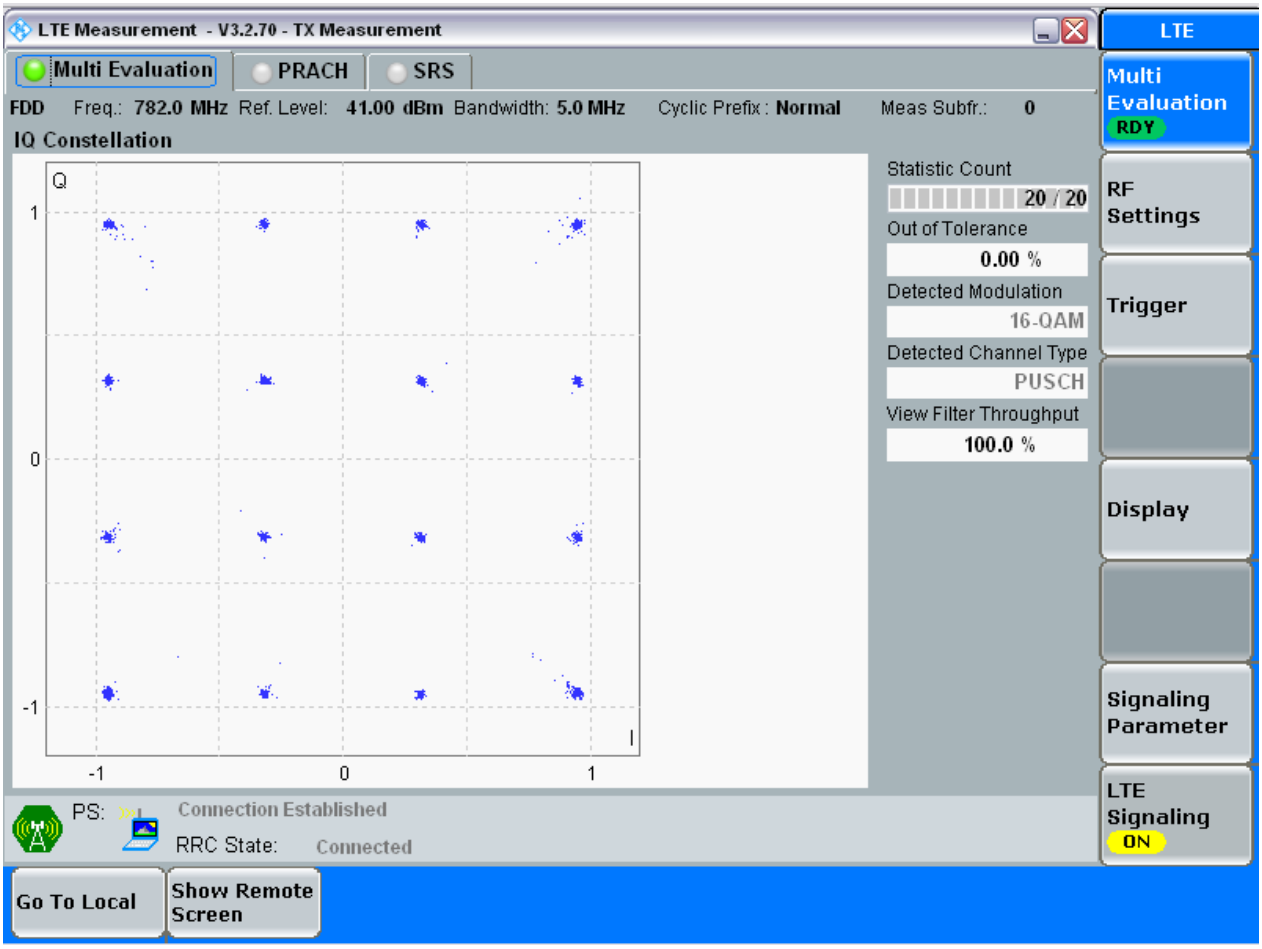


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

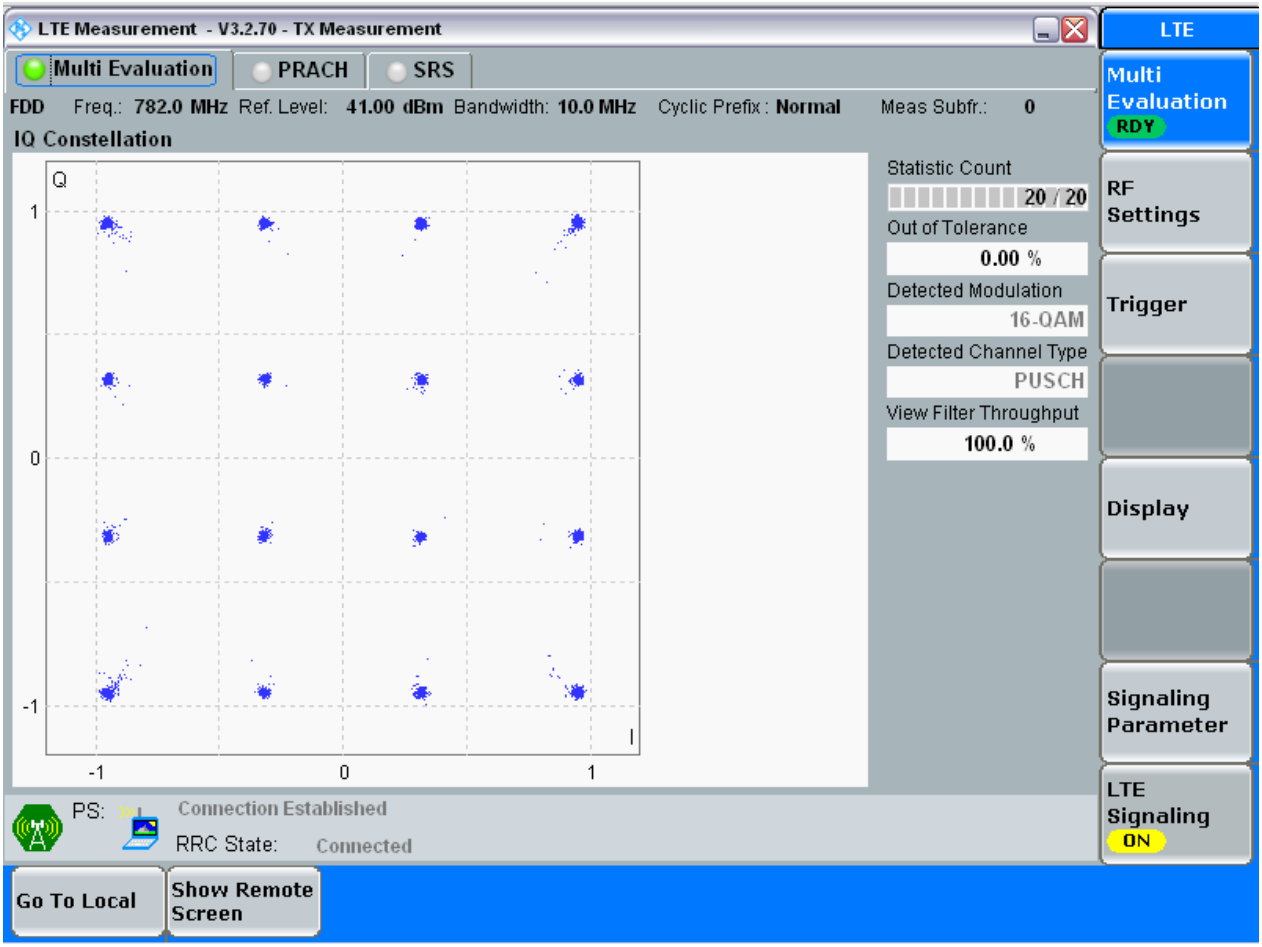
3.1.1.2.1.1.1 Test RB = RB25#0



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
BAND13	LTE/TM1	5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.52	5.01	Pass
			HCH	RB25#0	4.51	5.01	Pass
		10	LCH	RB50#0	8.97	9.92	Pass
			MCH	RB50#0	8.97	9.92	Pass
			HCH	RB50#0	8.97	9.92	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.99	Pass
			MCH	RB25#0	4.53	5.02	Pass
			HCH	RB25#0	4.53	5.06	Pass
		10	LCH	RB50#0	8.96	9.93	Pass
			MCH	RB50#0	8.97	9.94	Pass
			HCH	RB50#0	8.97	9.91	Pass

Part II - Test Plots

4.1 For LTE

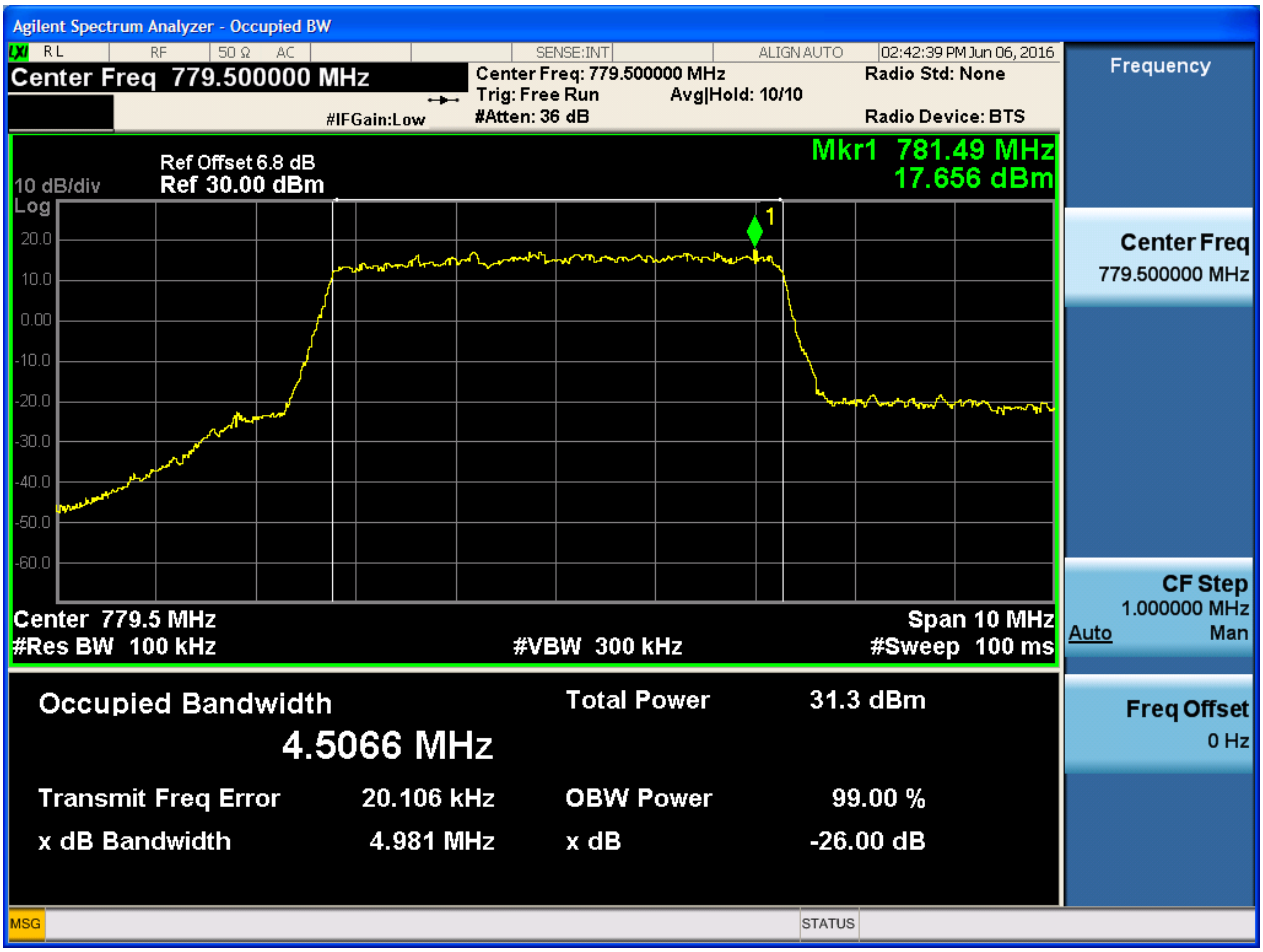
4.1.1 Test Band = BAND13

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

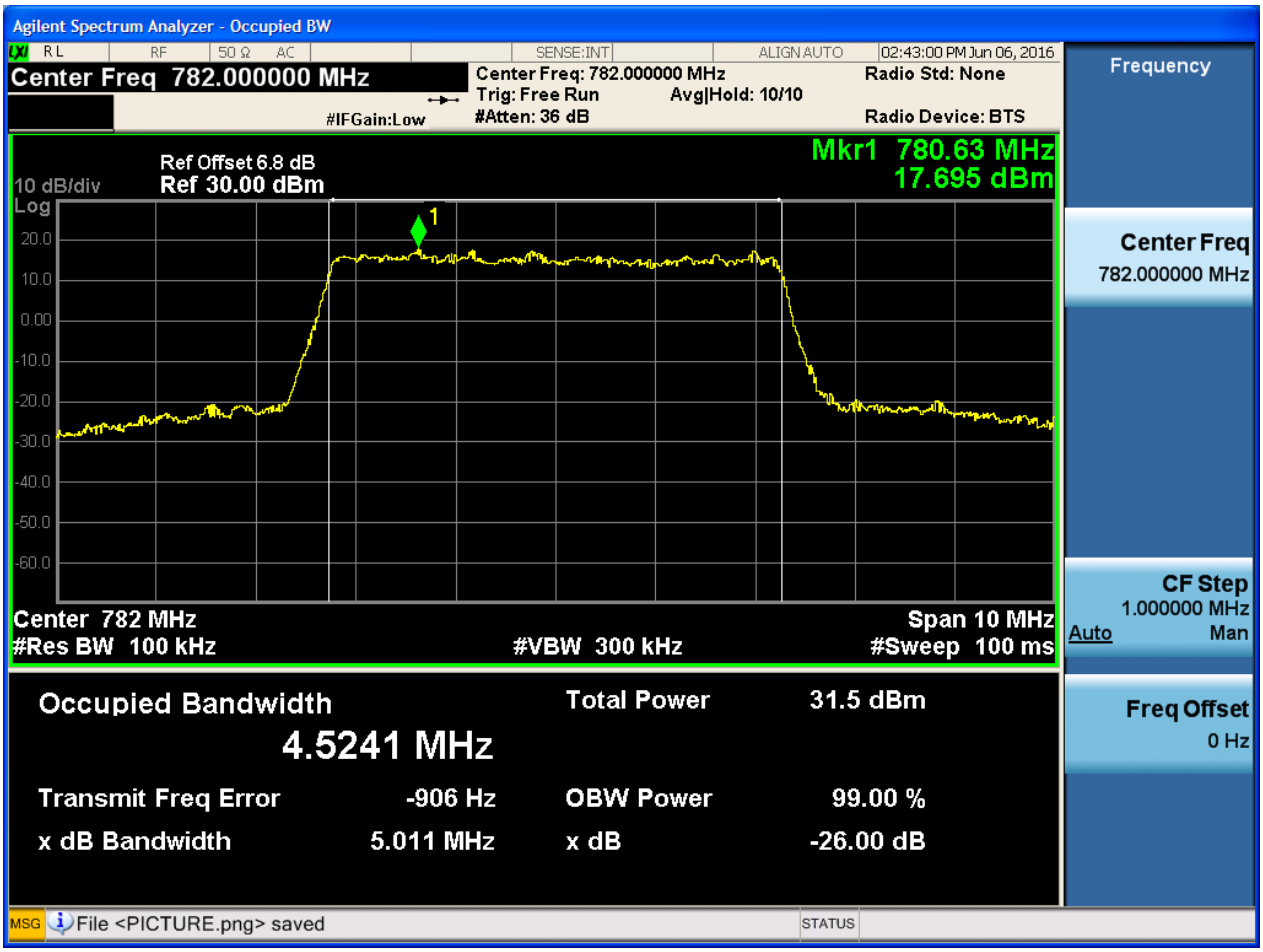
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



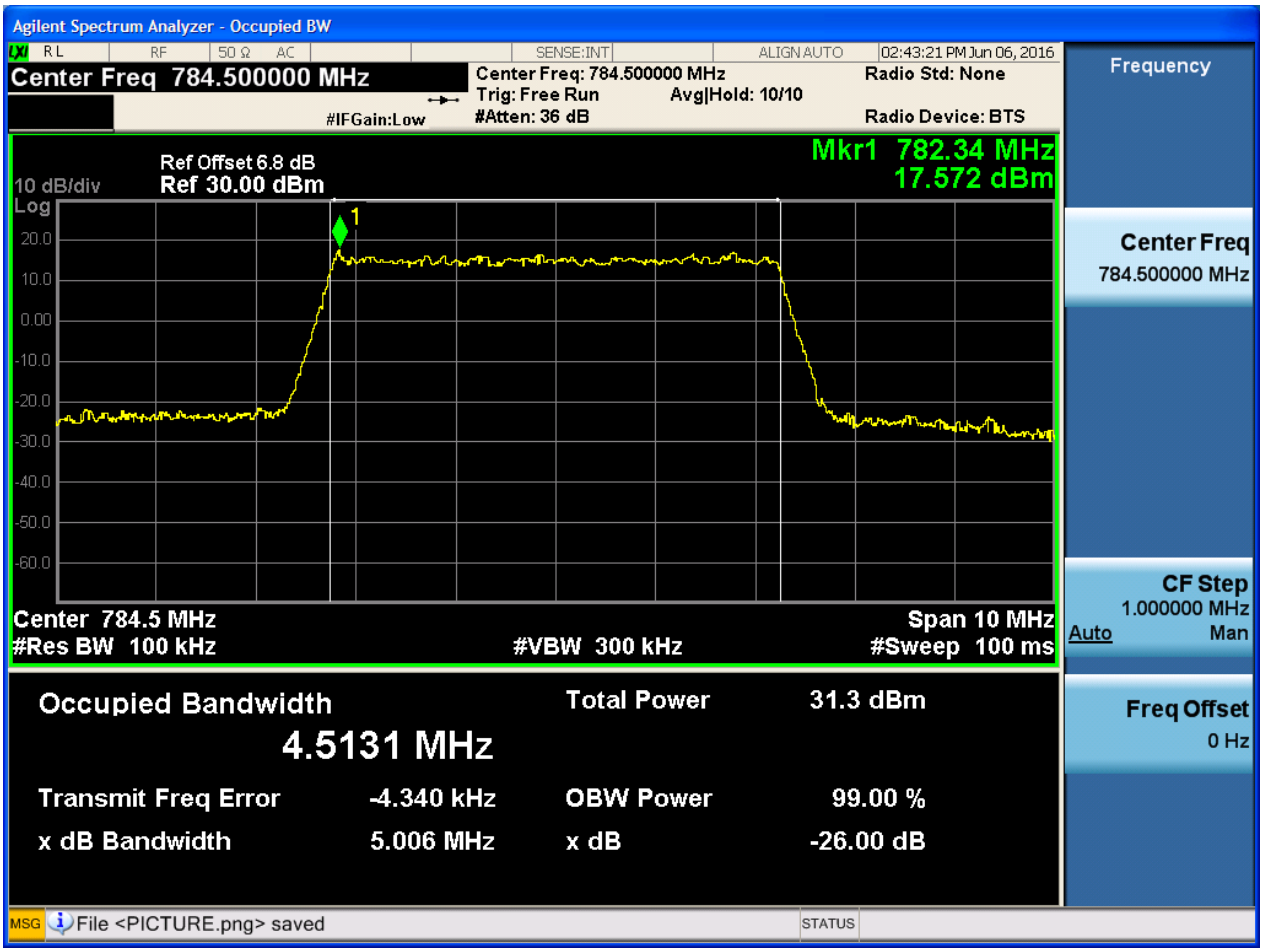
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

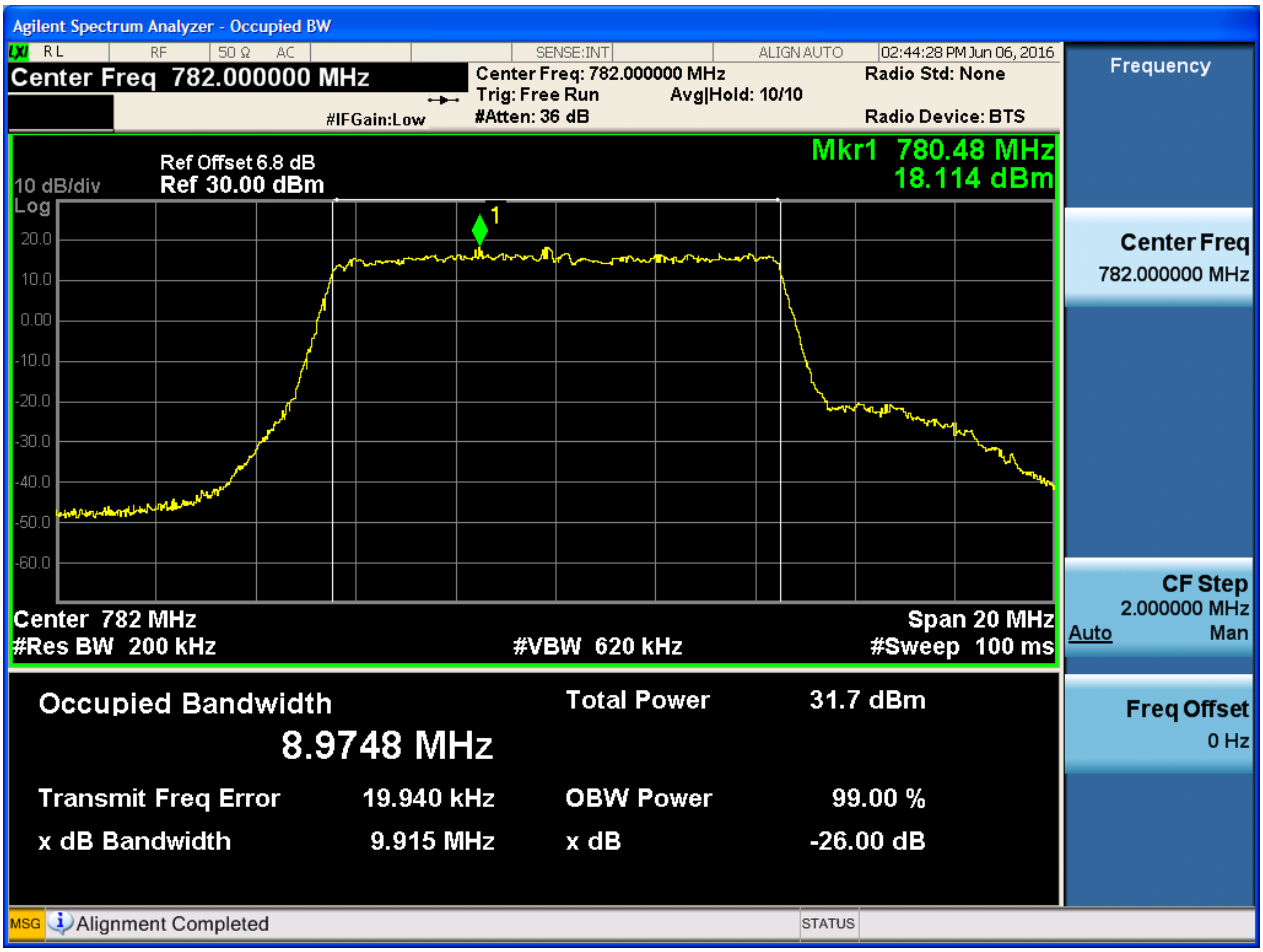
4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

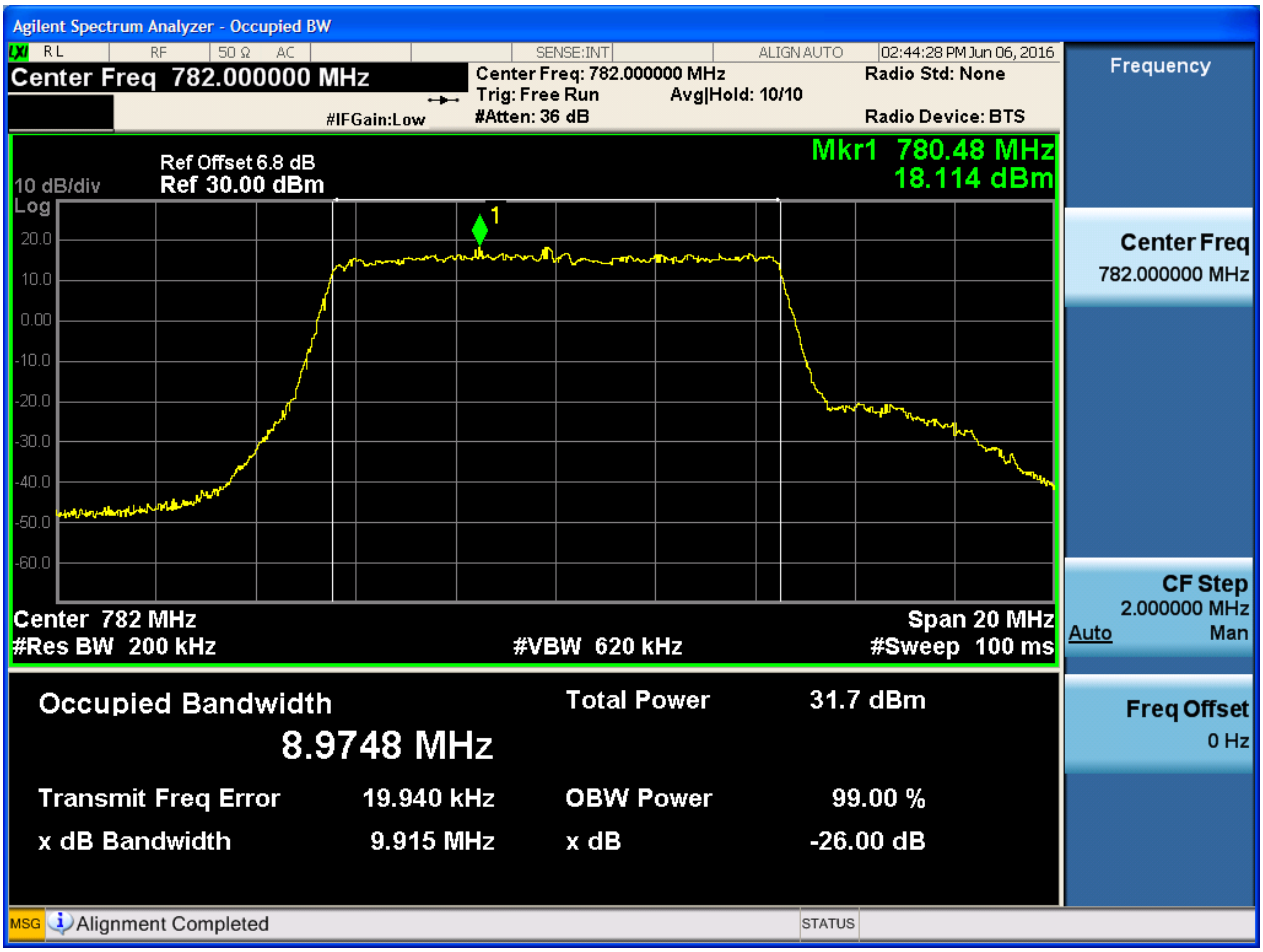
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0



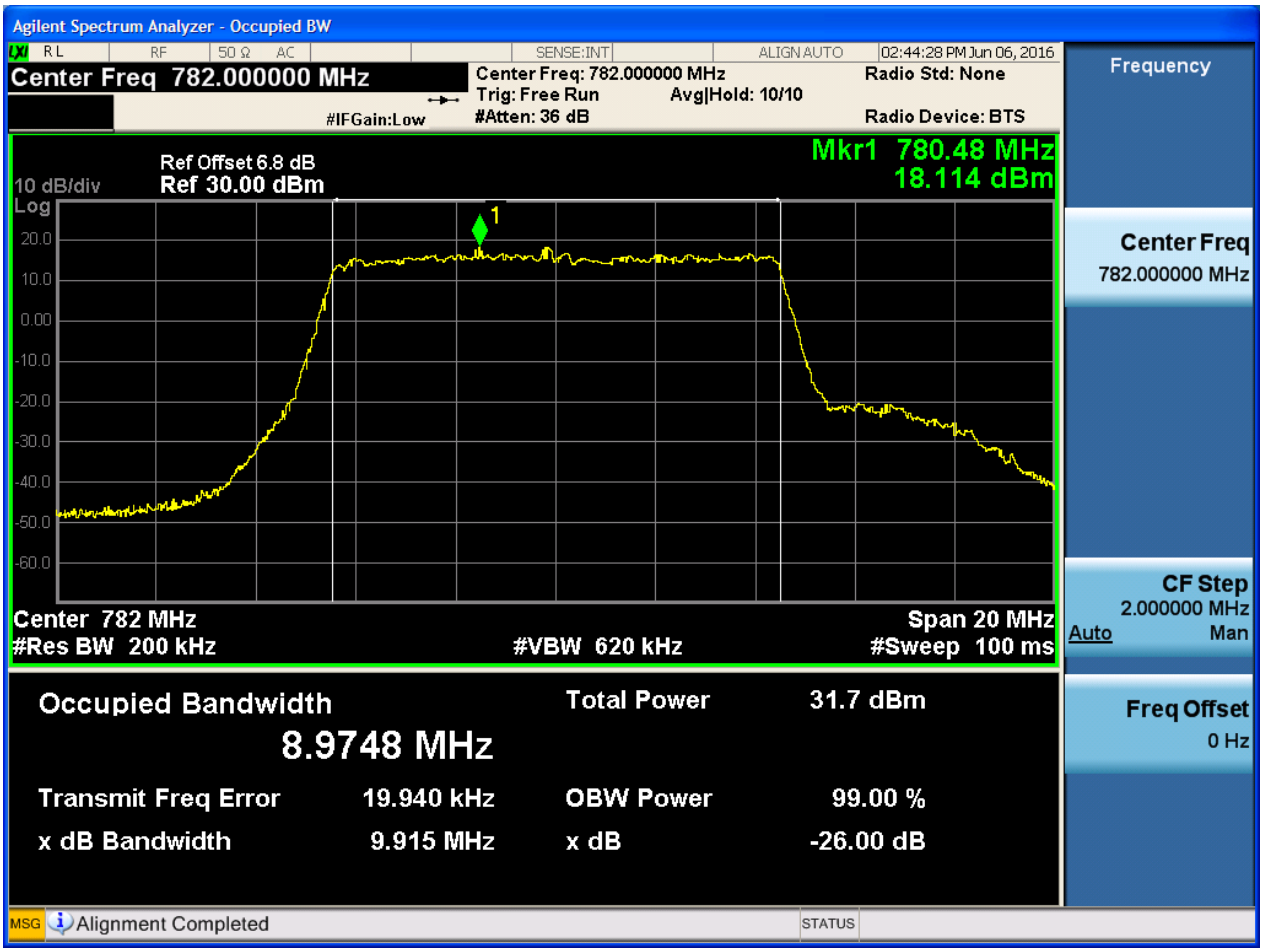
4.1.1.1.2.2 Test Channel = MCH

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

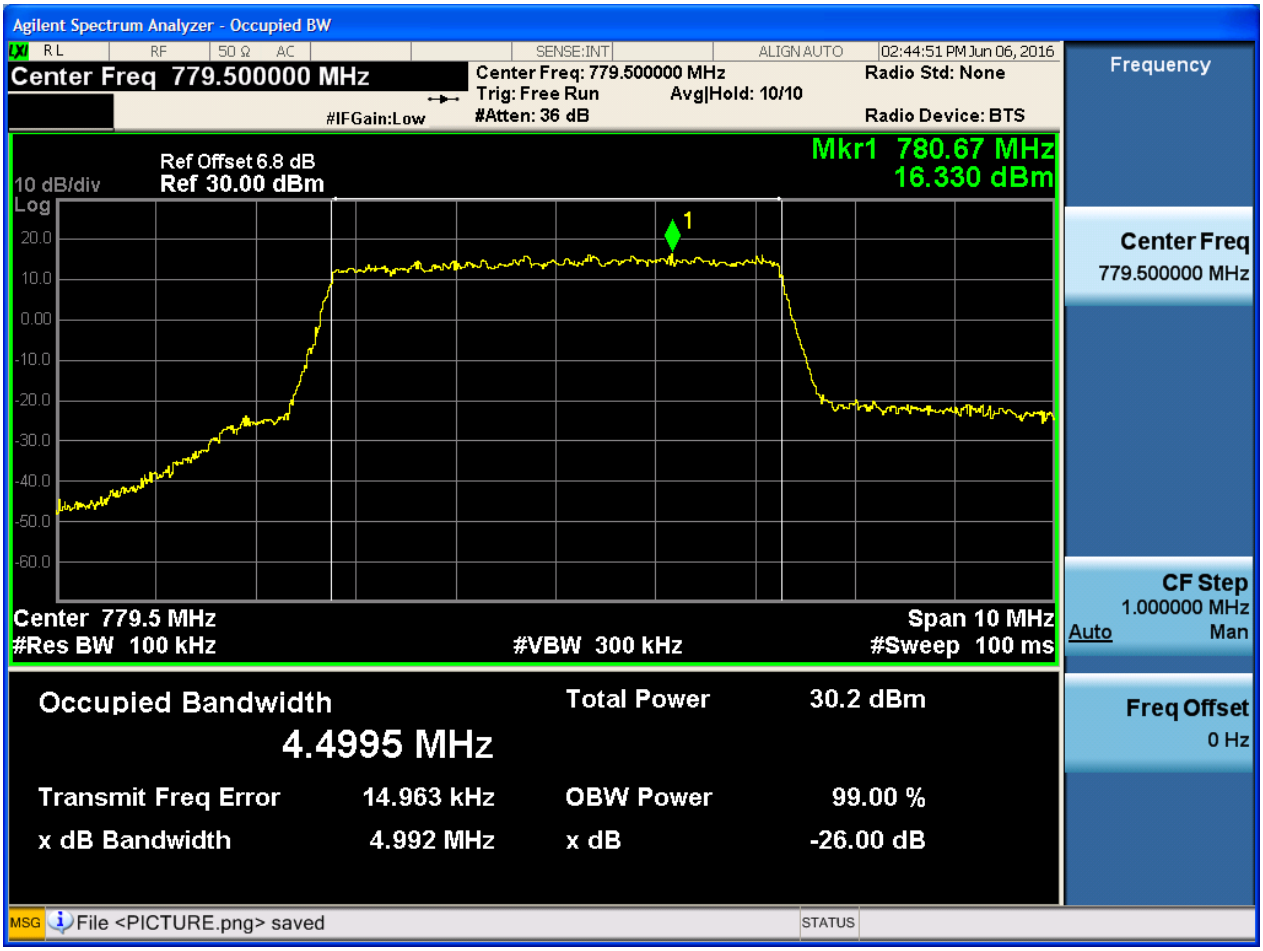


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

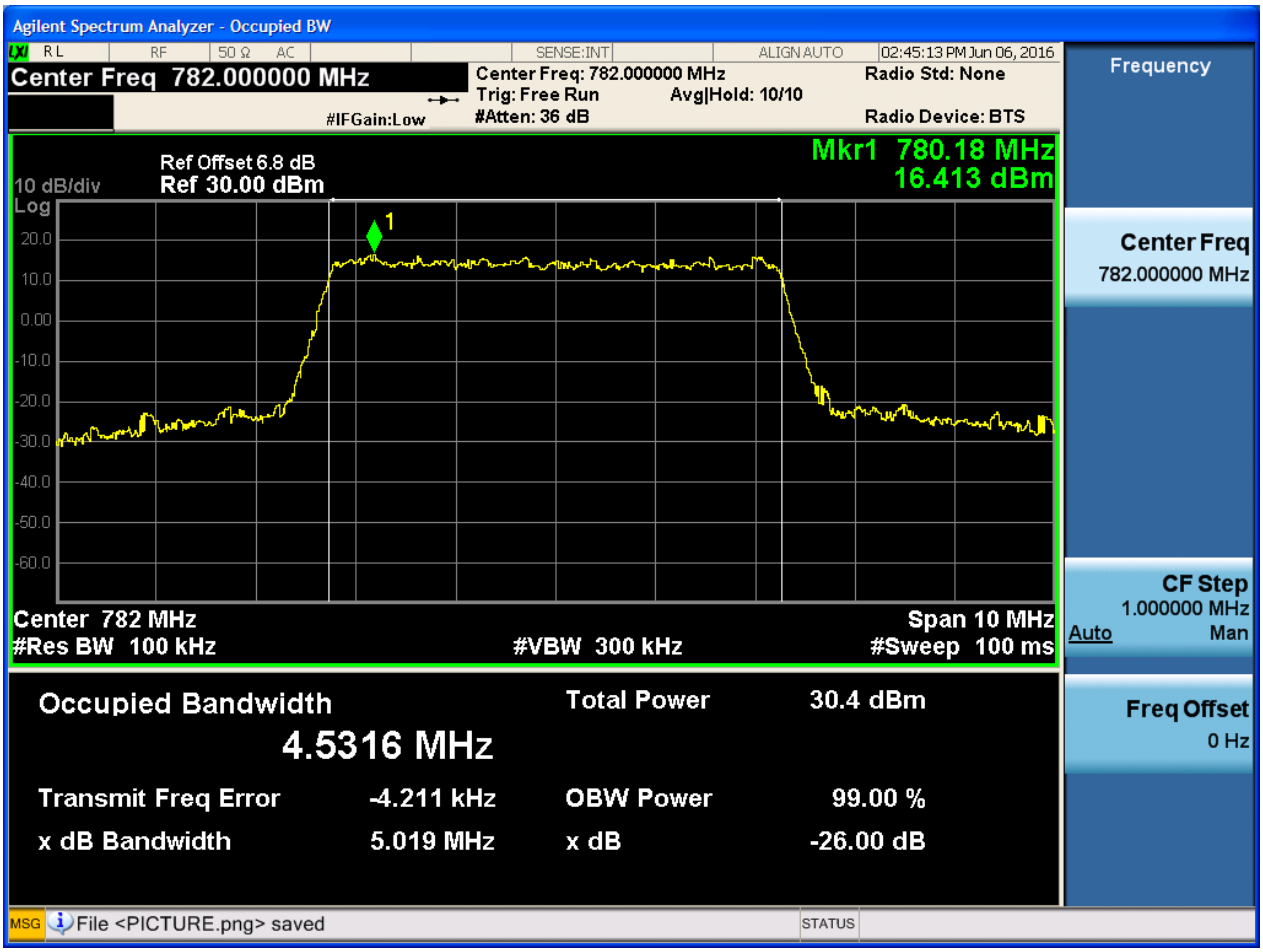
4.1.1.2.1.1 Test Channel = LCH

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



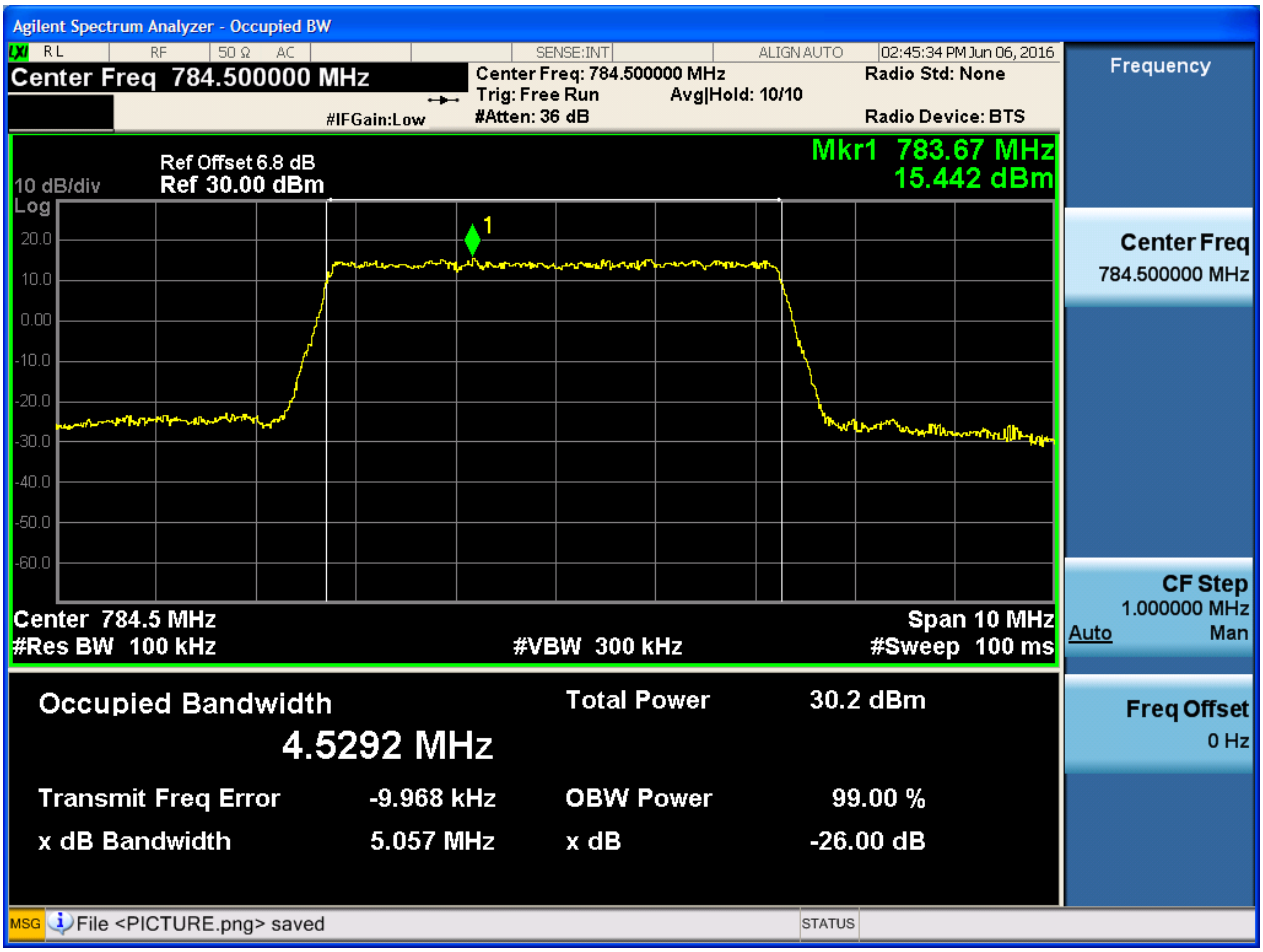
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

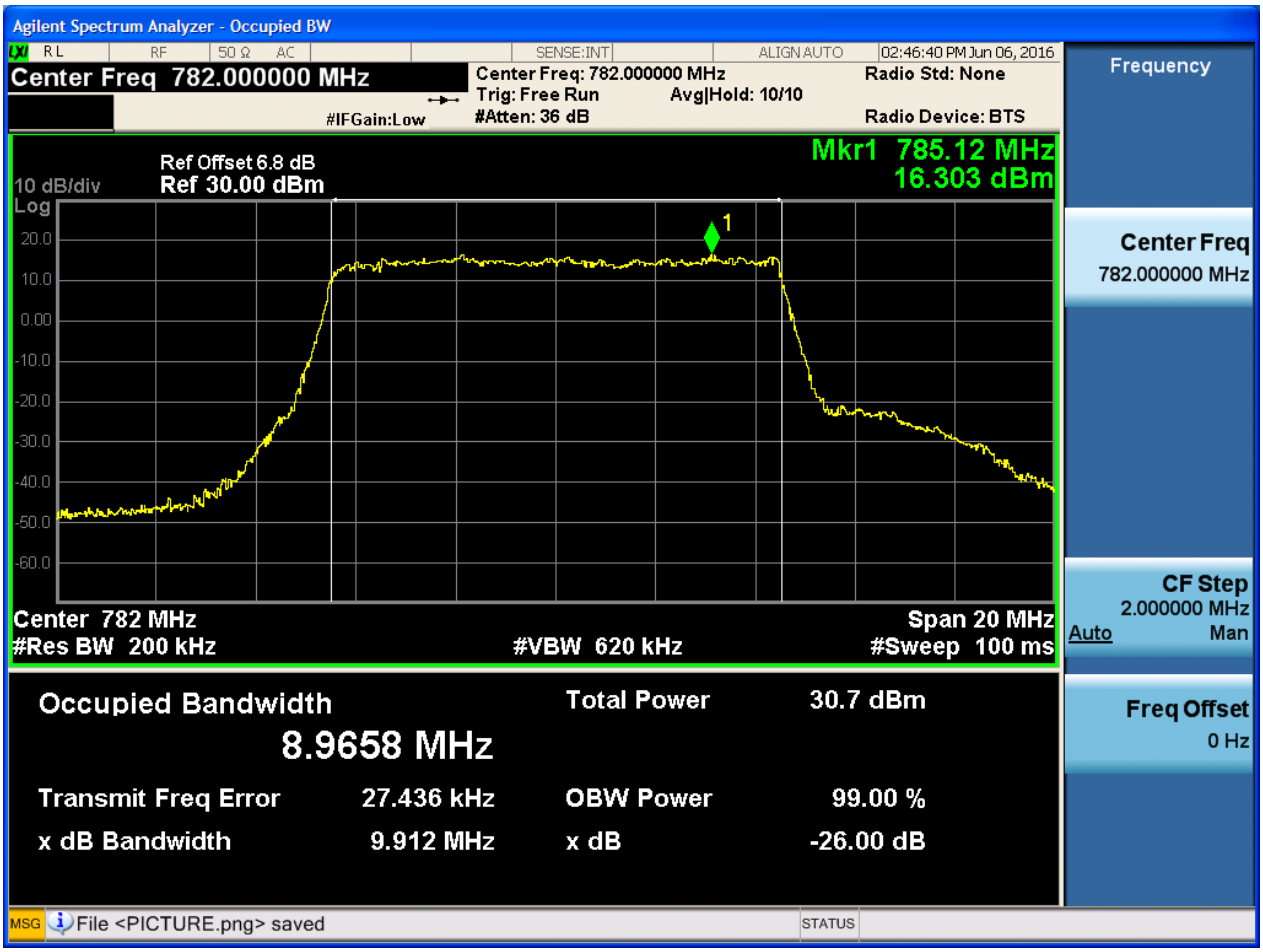
4.1.1.2.1.3.1 Test RB = RB25#0



4.1.1.2.2 Test Bandwidth = 10

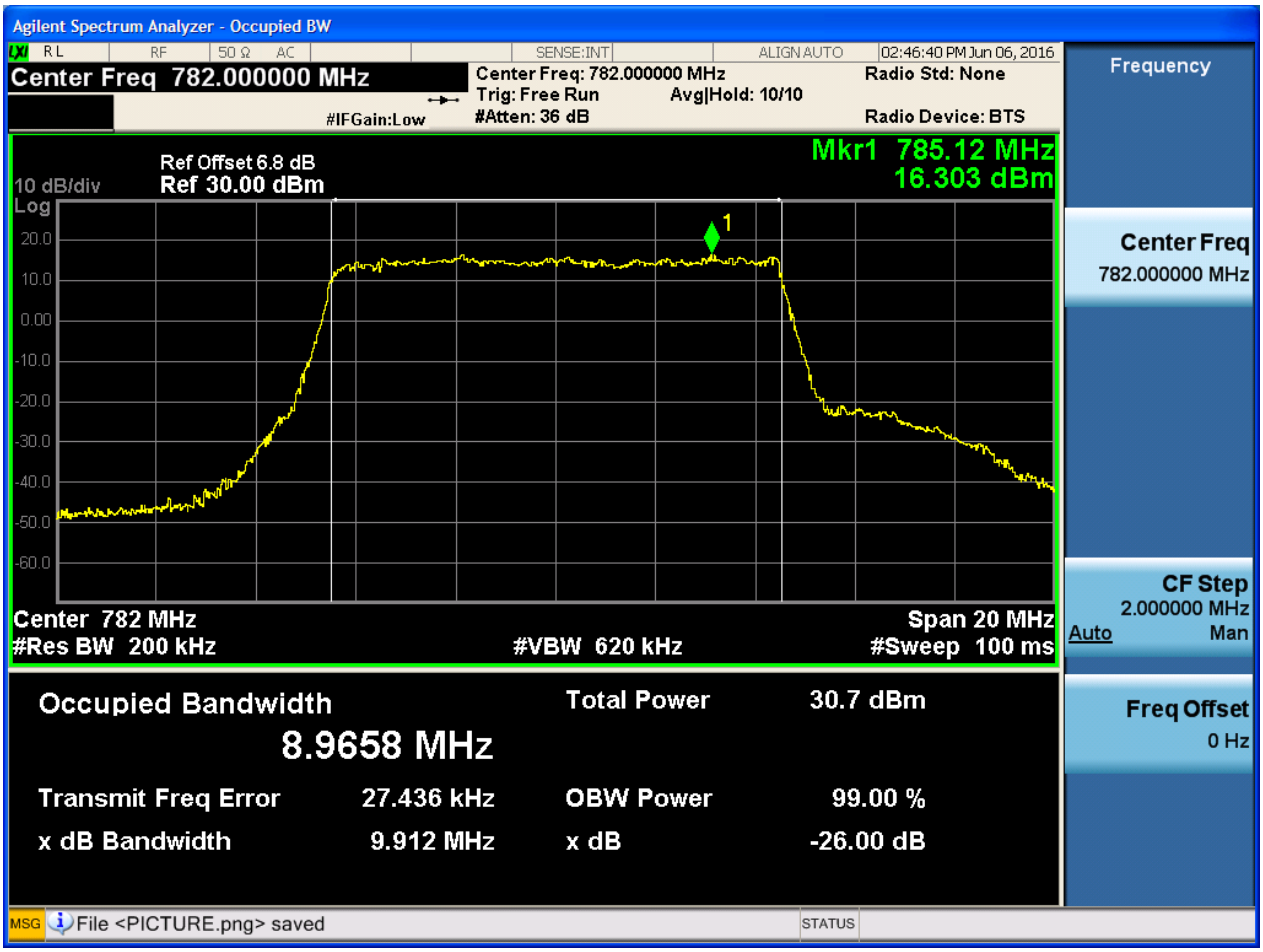
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



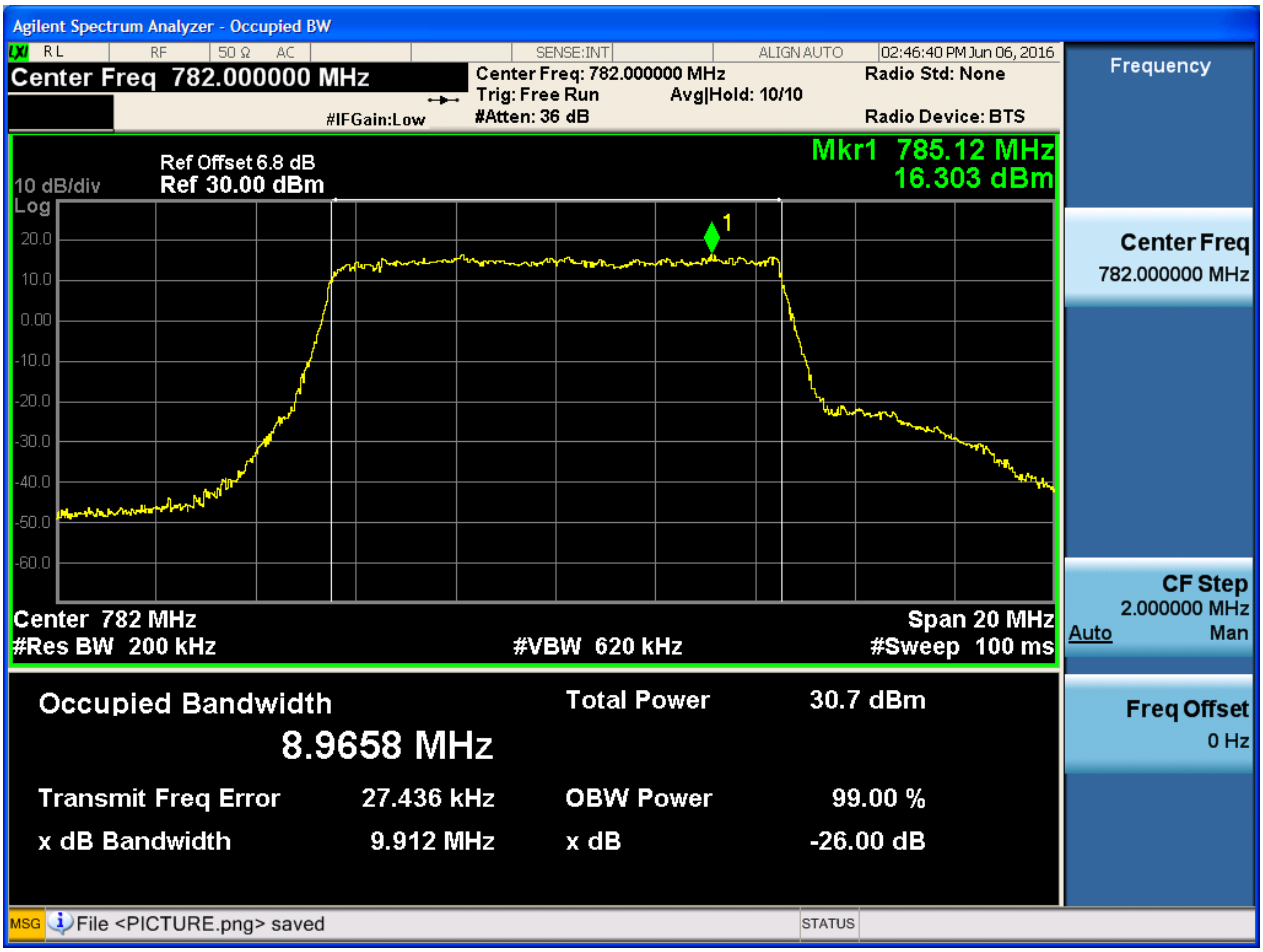
4.1.1.2.2.2 Test Channel = MCH

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

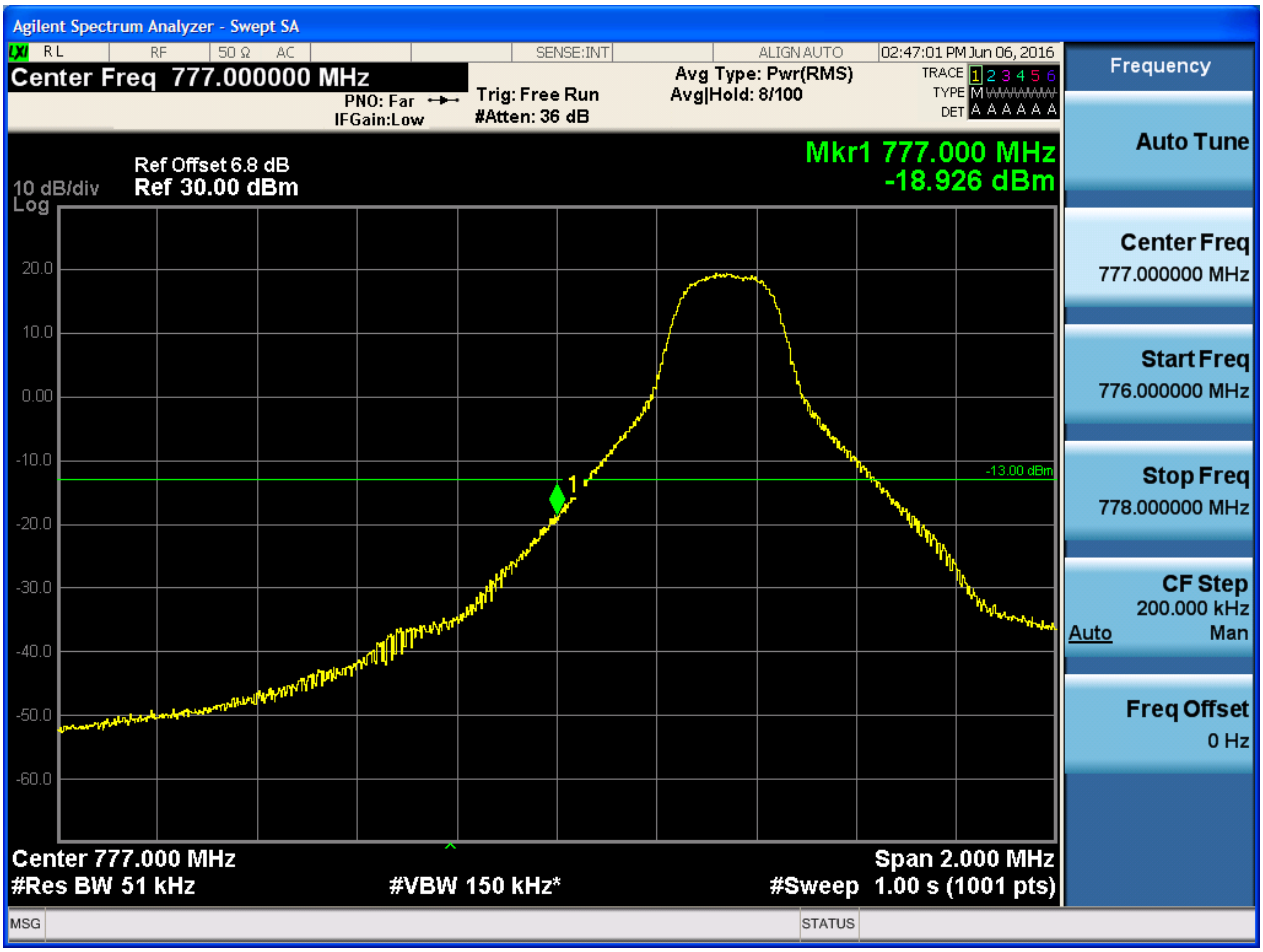
5.1.1 Test Band = BAND13

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

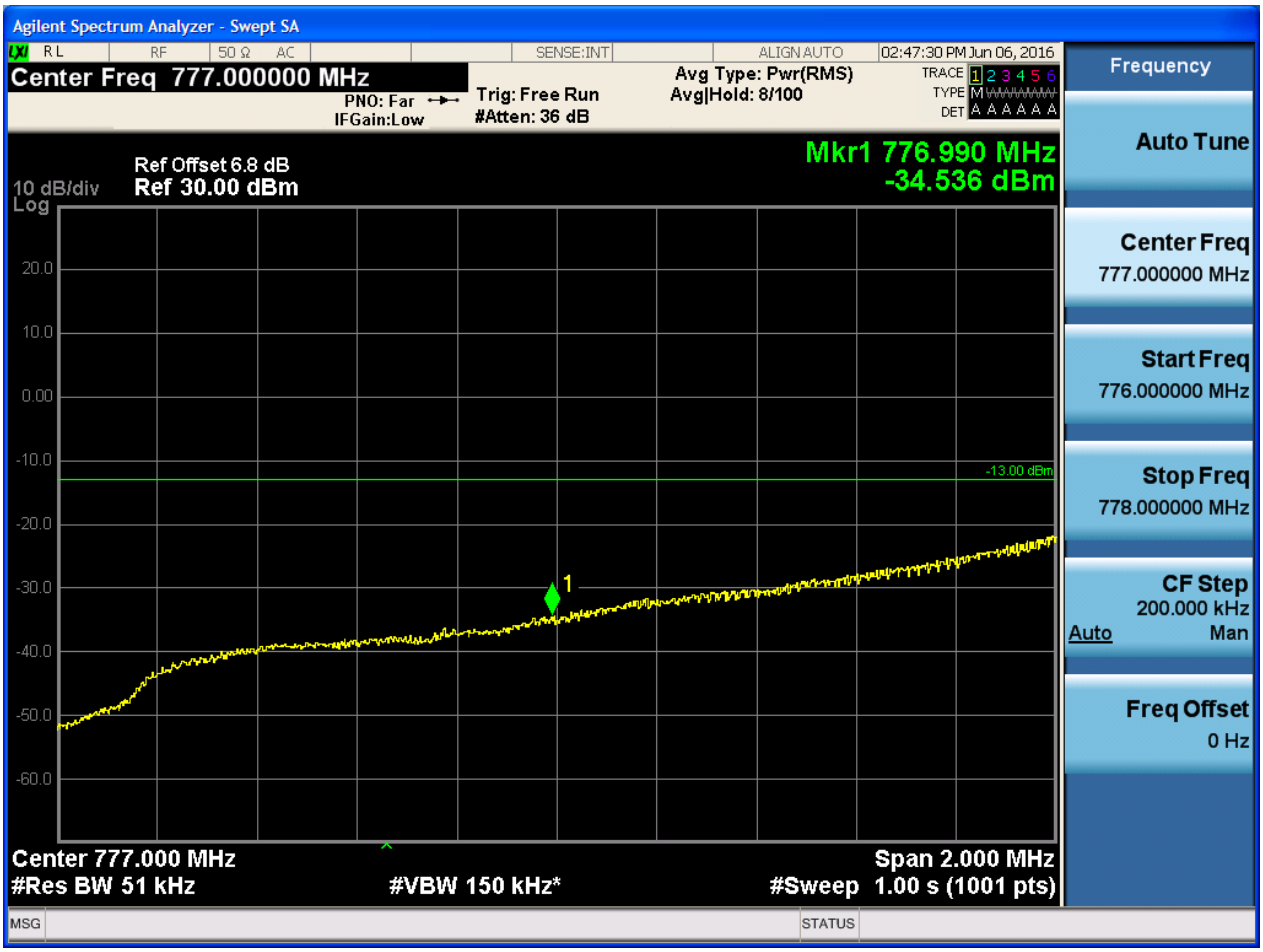
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0

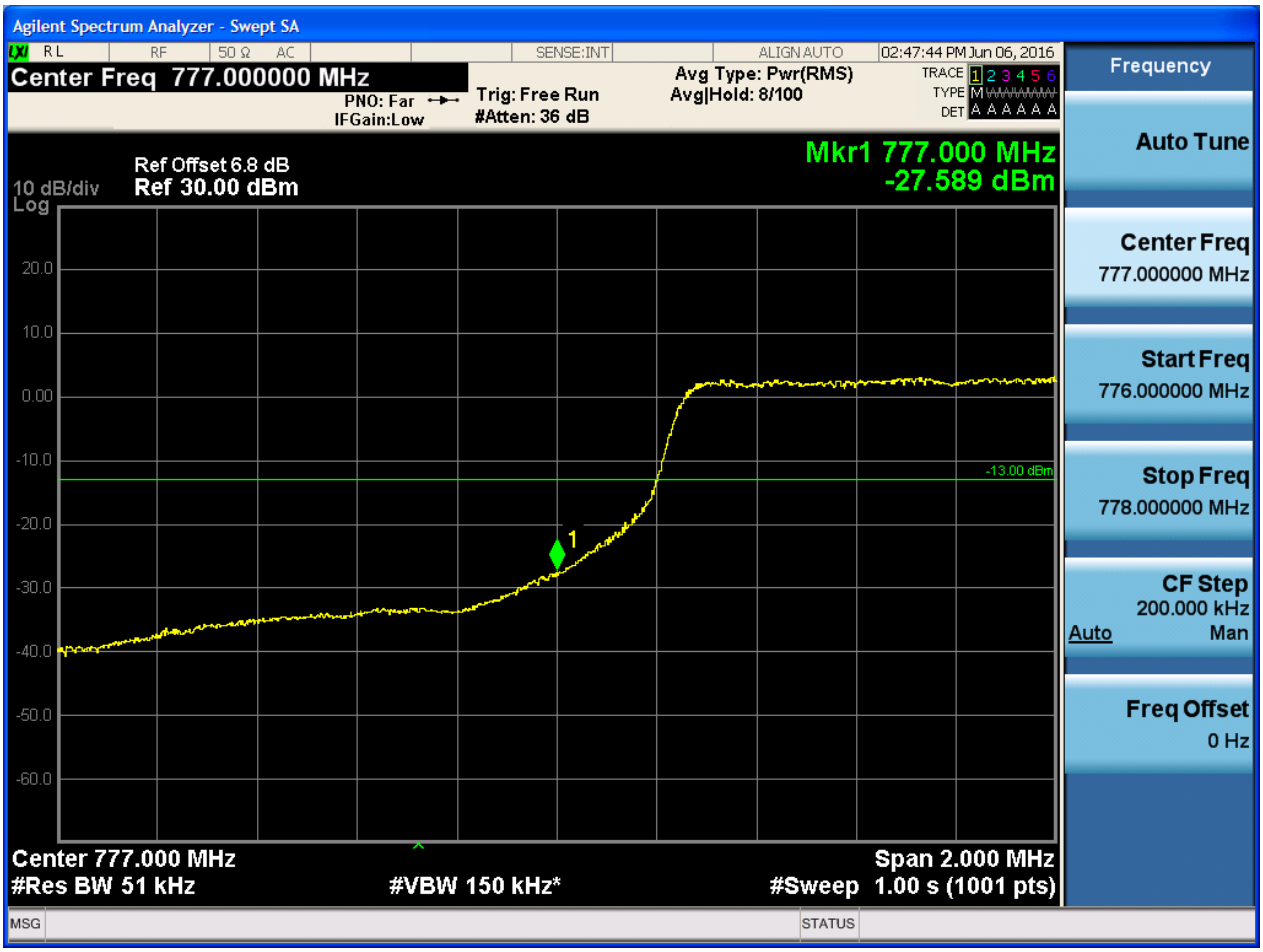


5.1.1.1.1.2 Test RB = RB1#24

5.1.1.1.1.1.3 Test RB = RB12#6

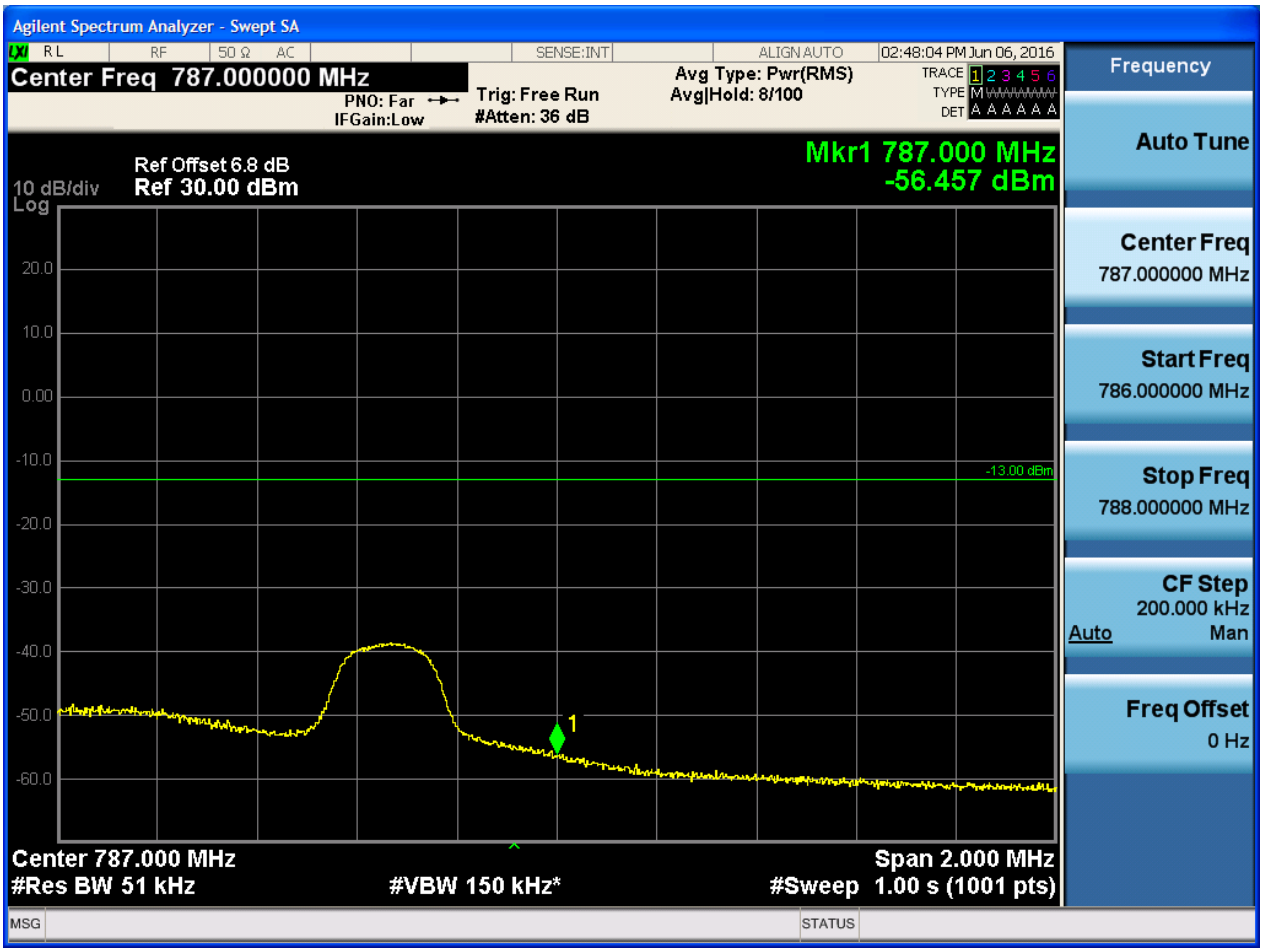


5.1.1.1.1.4 Test RB = RB25#0

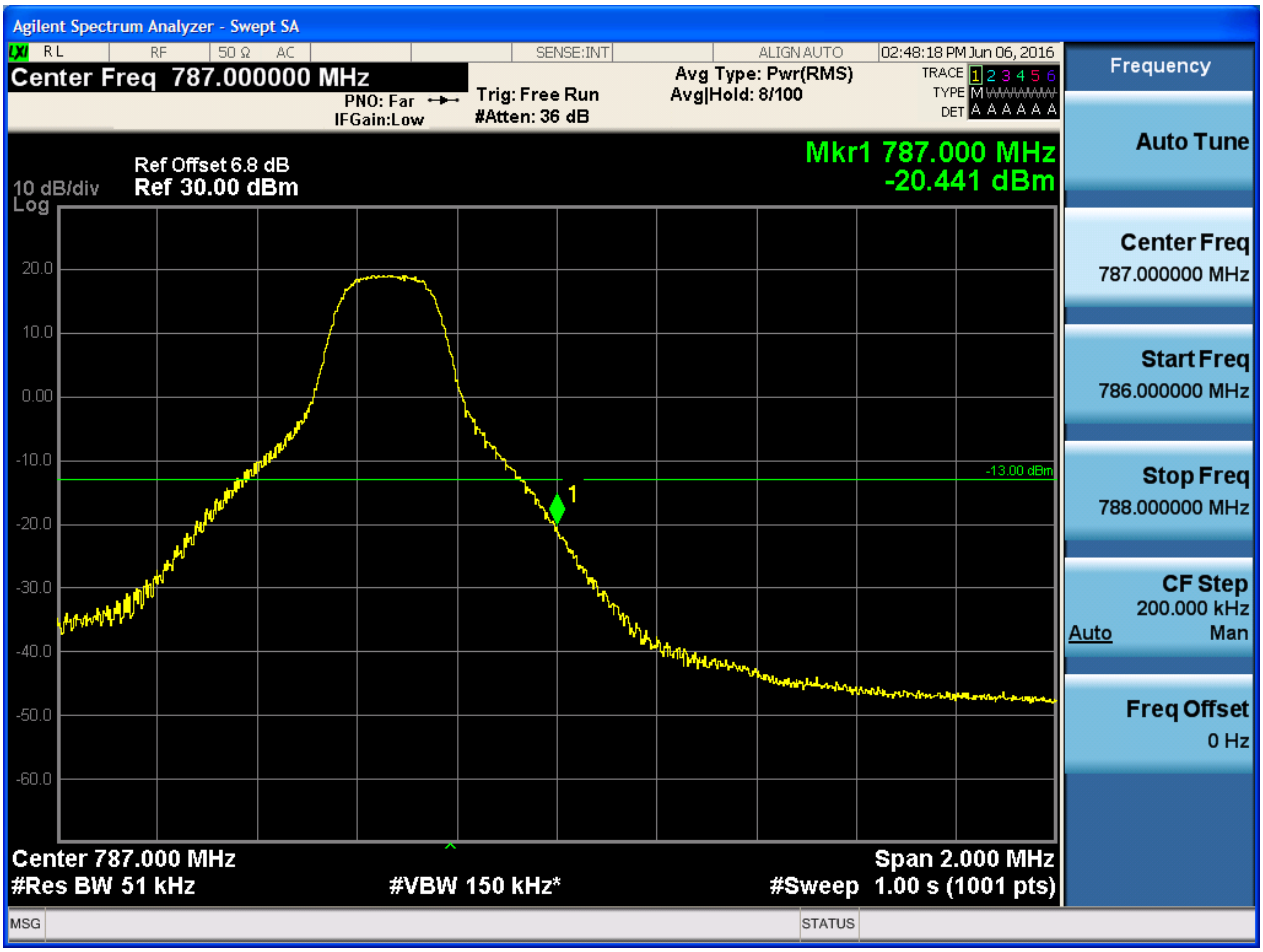


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0

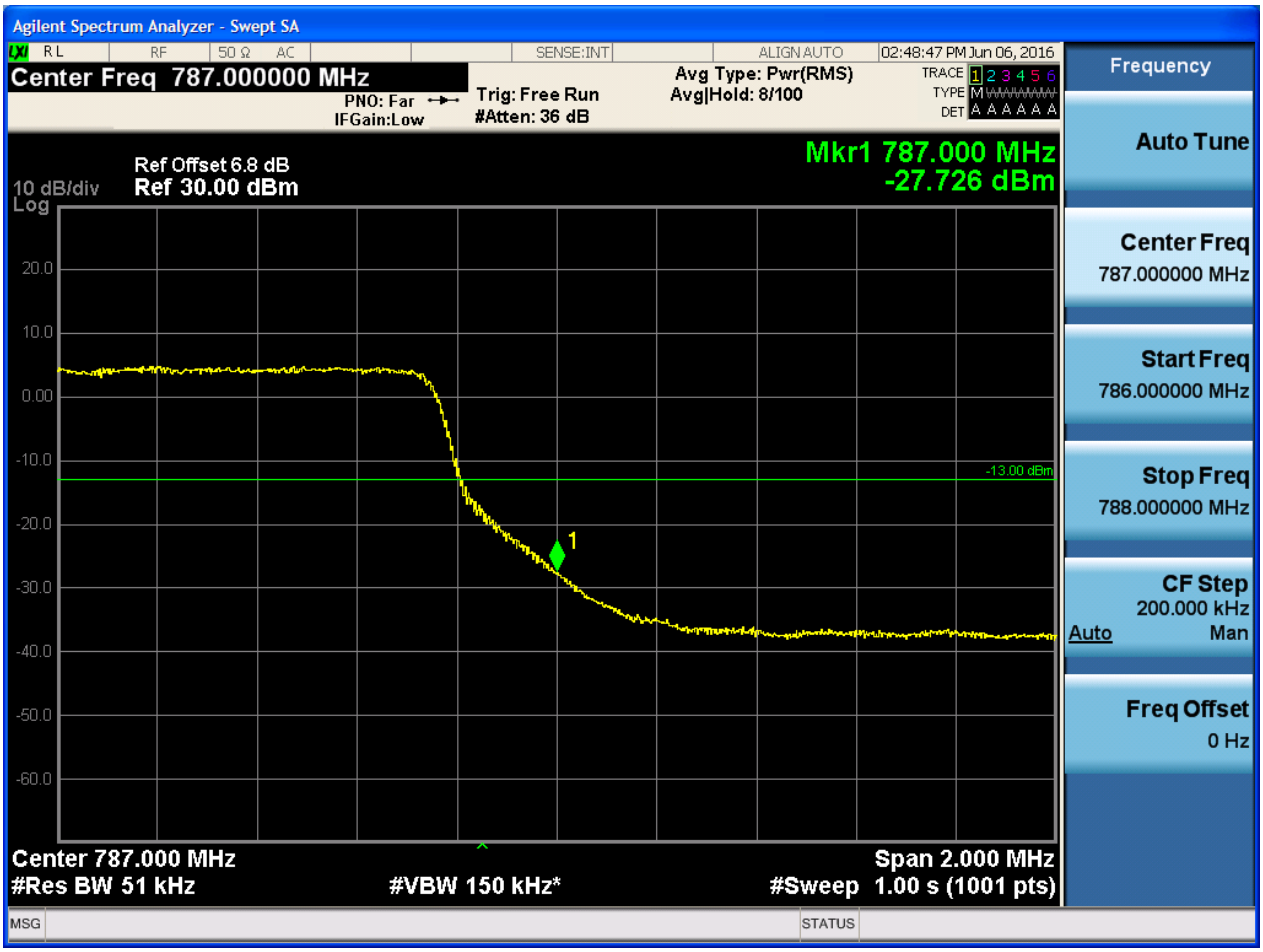


5.1.1.1.1.2.2 Test RB = RB1#24



5.1.1.1.1.2.3 Test RB = RB12#6

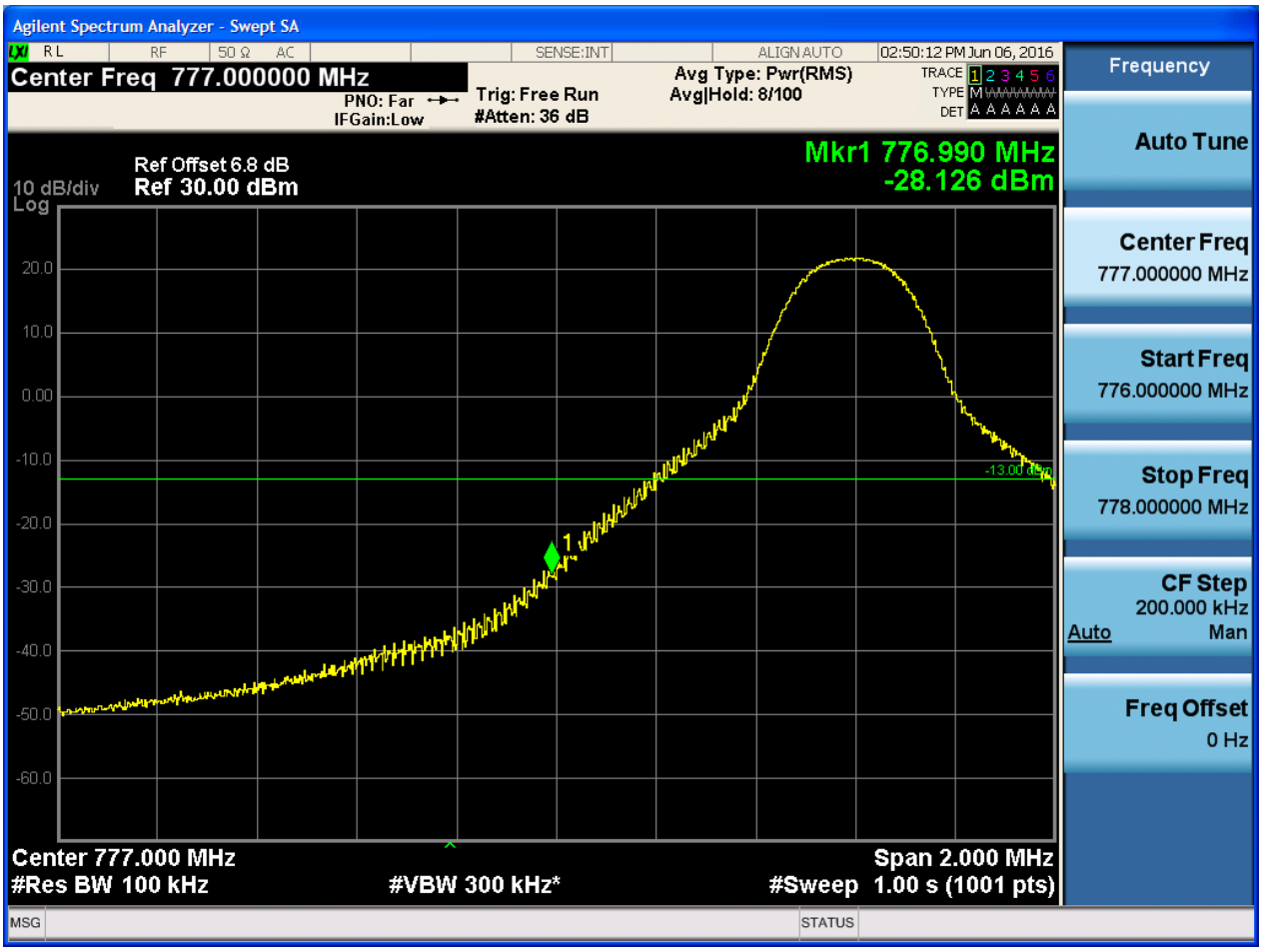
5.1.1.1.1.2.4 Test RB = RB25#0



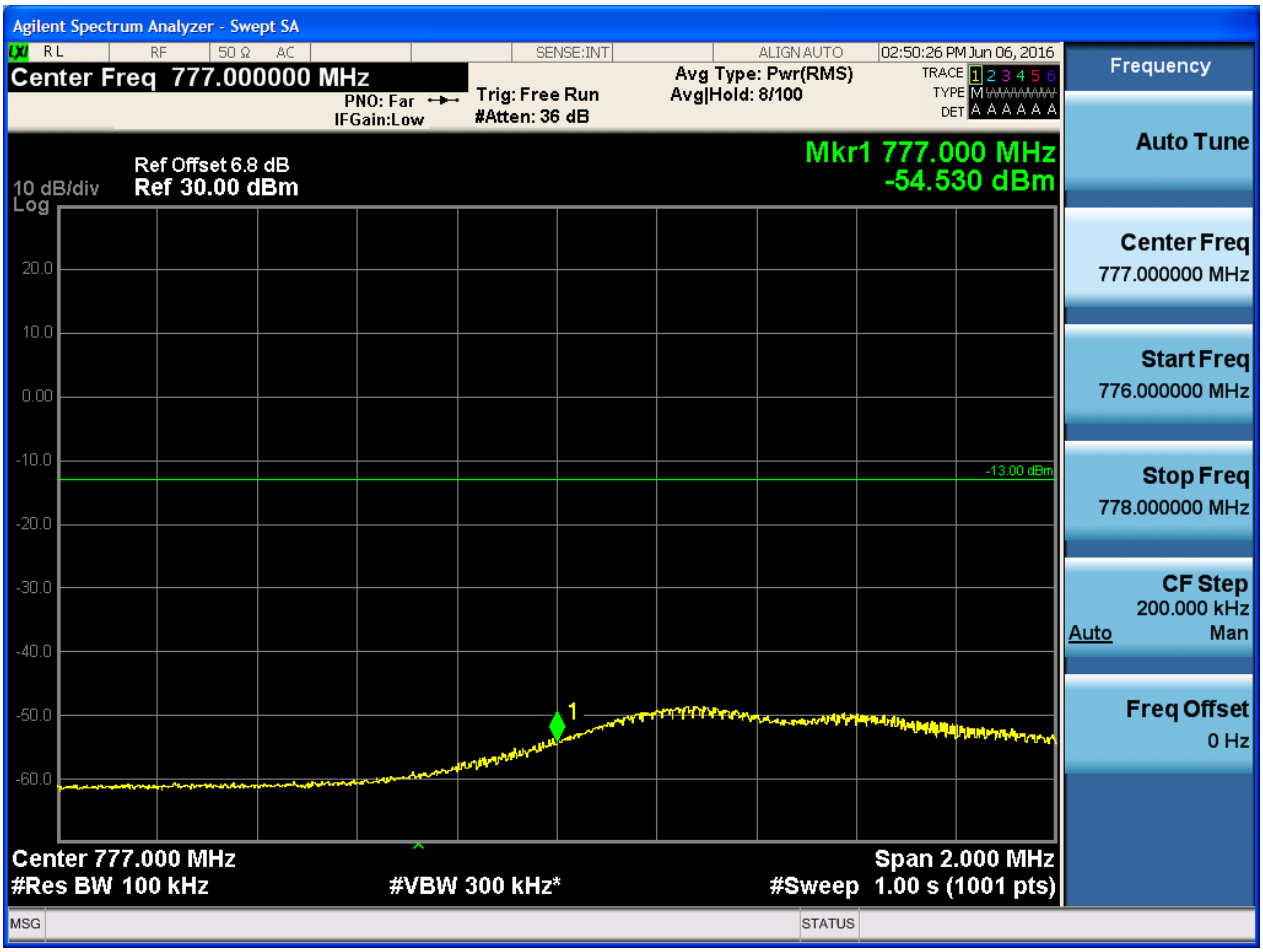
5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

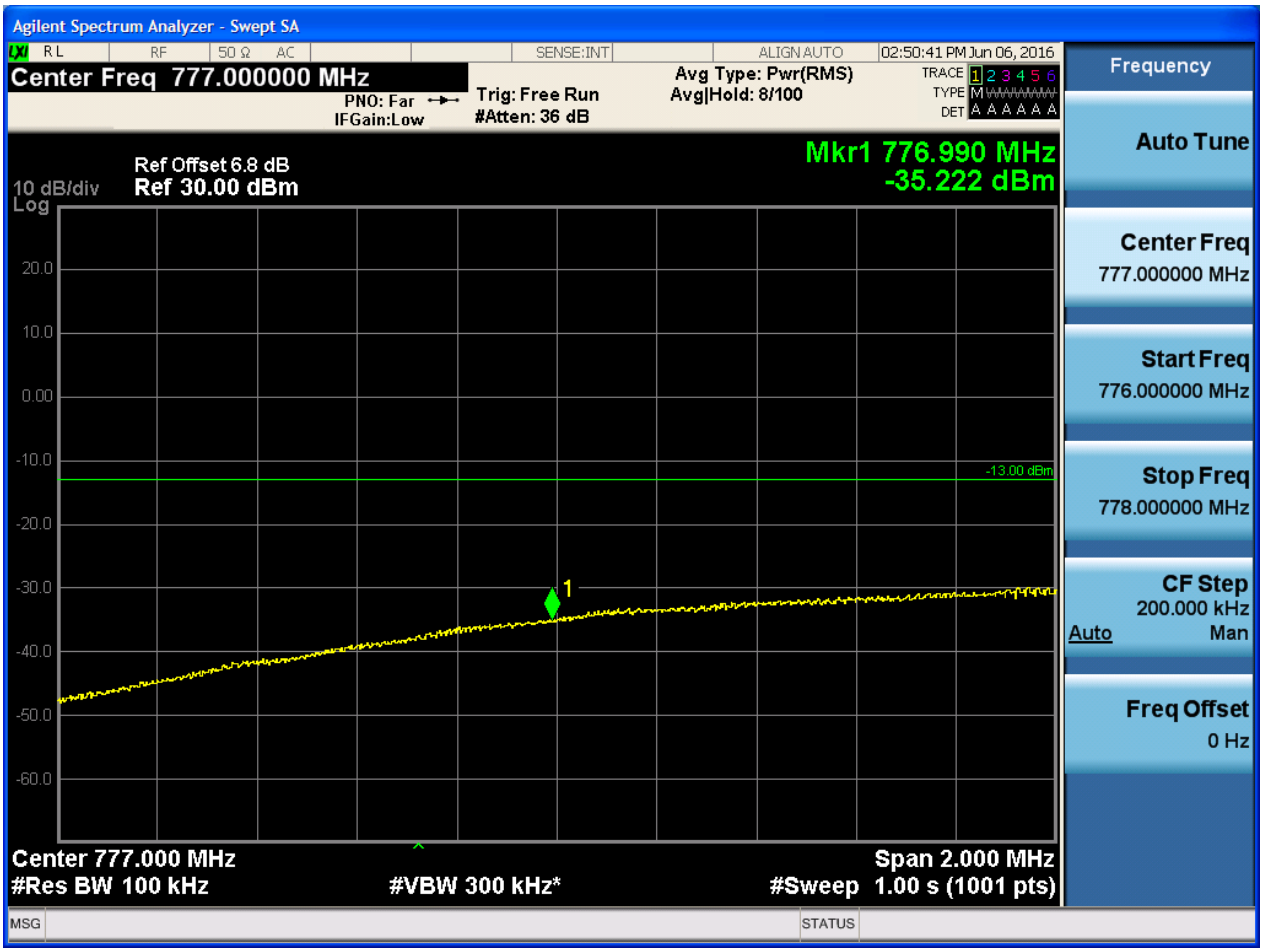
5.1.1.1.2.1.1 Test RB = RB1#0



5.1.1.1.2.1.2 Test RB = RB1#49



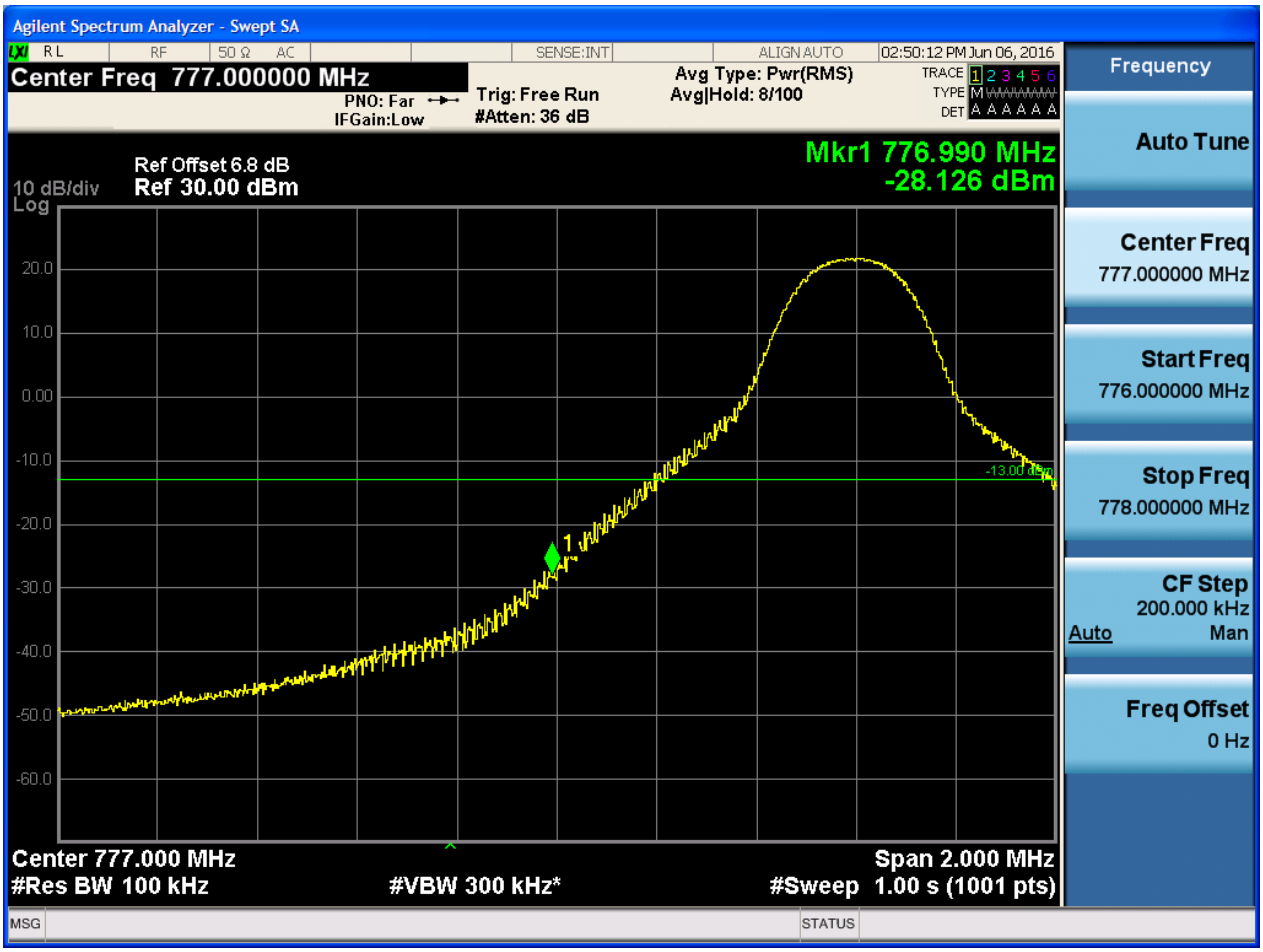
5.1.1.1.2.1.3 Test RB = RB25#13



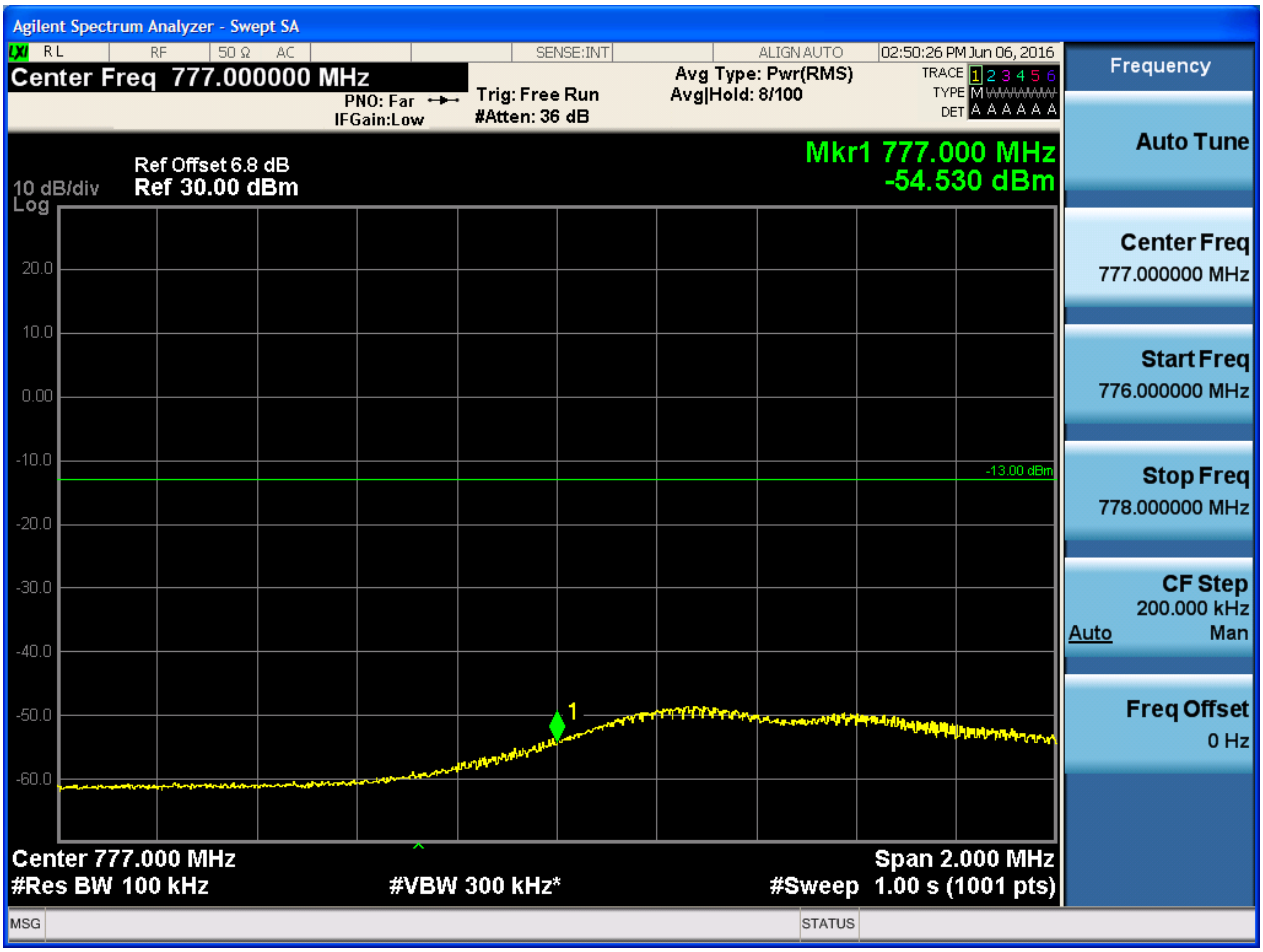
5.1.1.1.2.1.4 Test RB = RB50#0

5.1.1.1.2.2 Test Channel = HCH

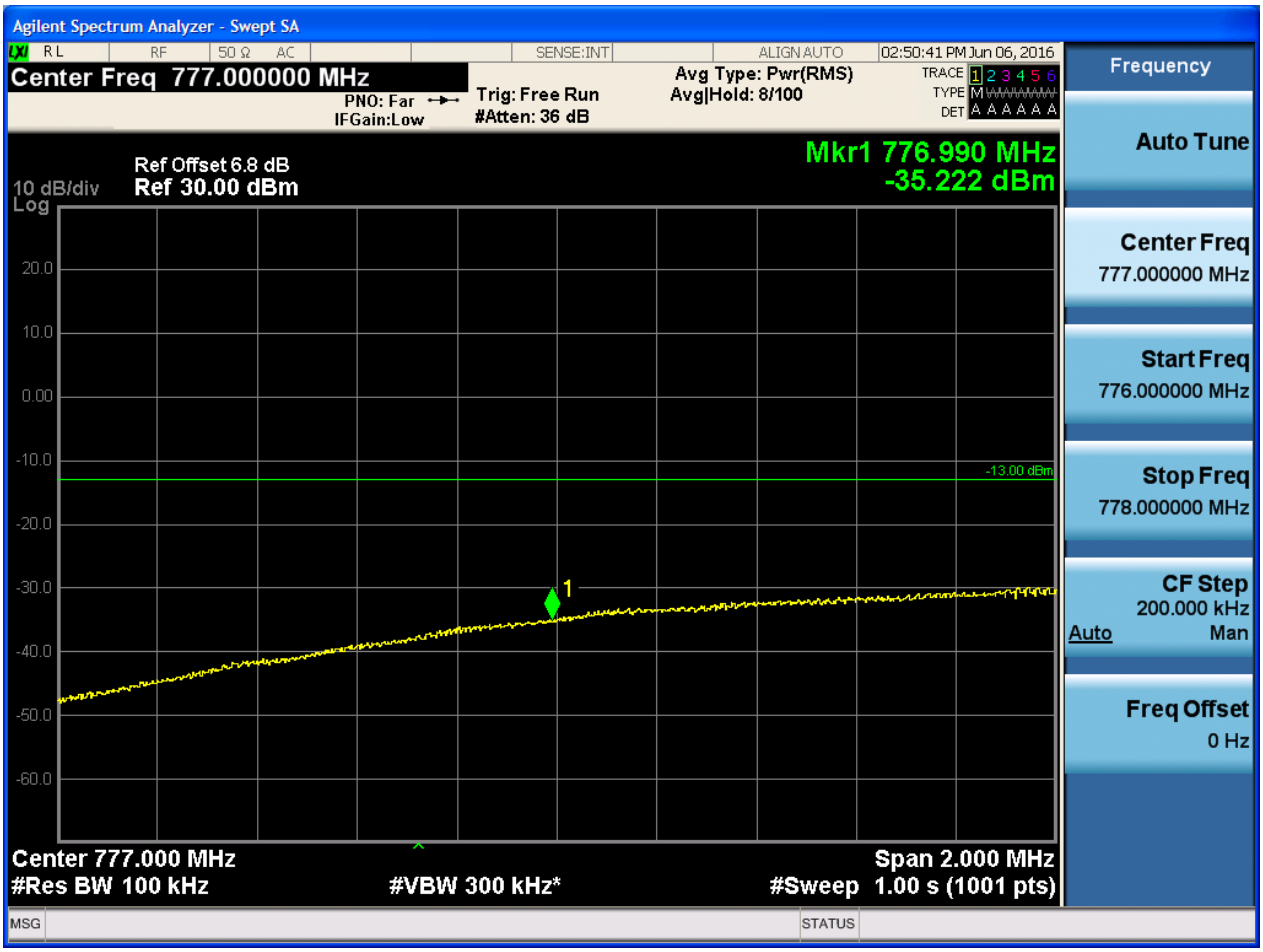
5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#49



5.1.1.1.2.2.3 Test RB = RB25#13



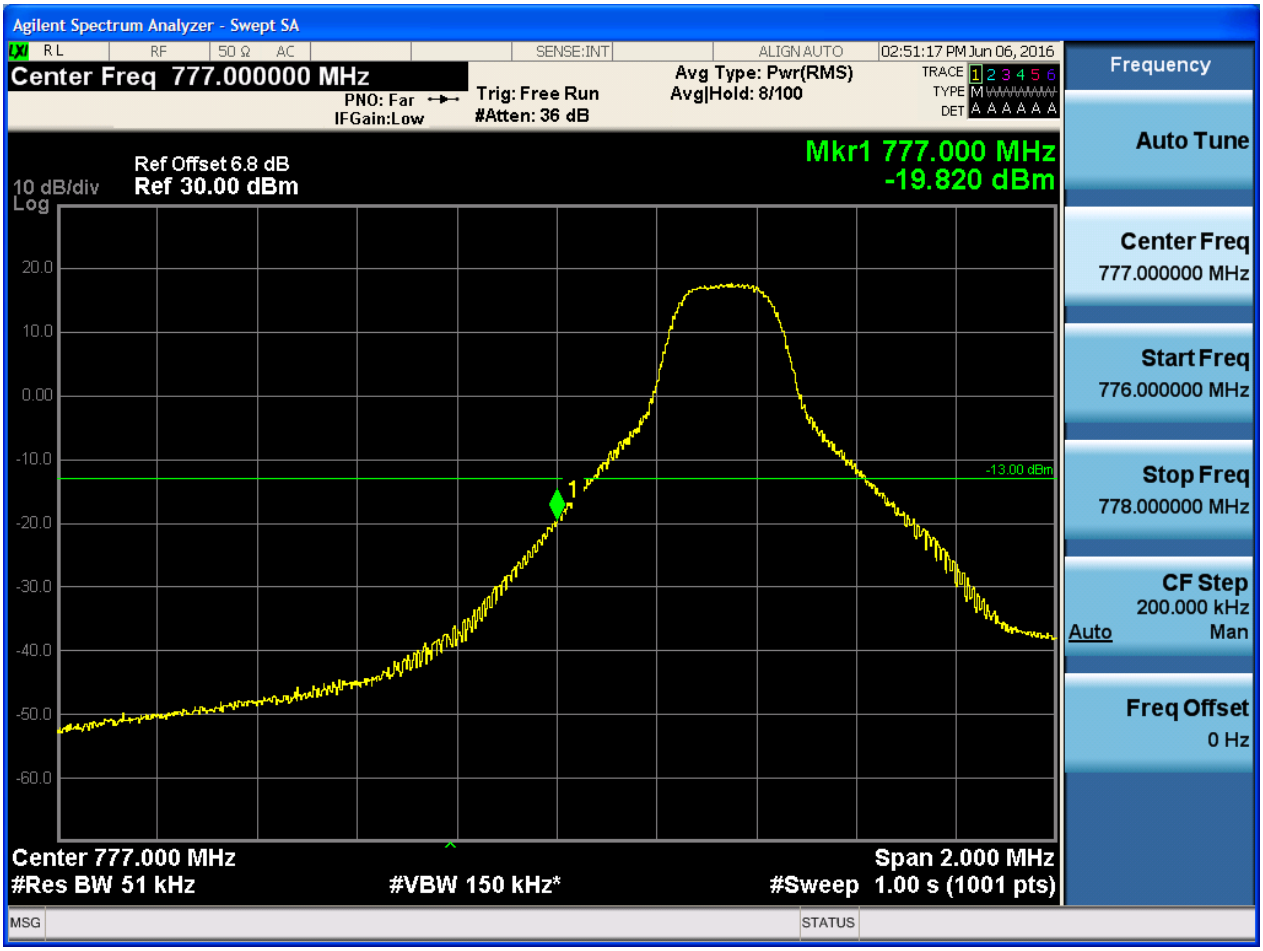
5.1.1.1.2.2.4 Test RB = RB50#0

5.1.1.2 Test Mode = LTE/TM2

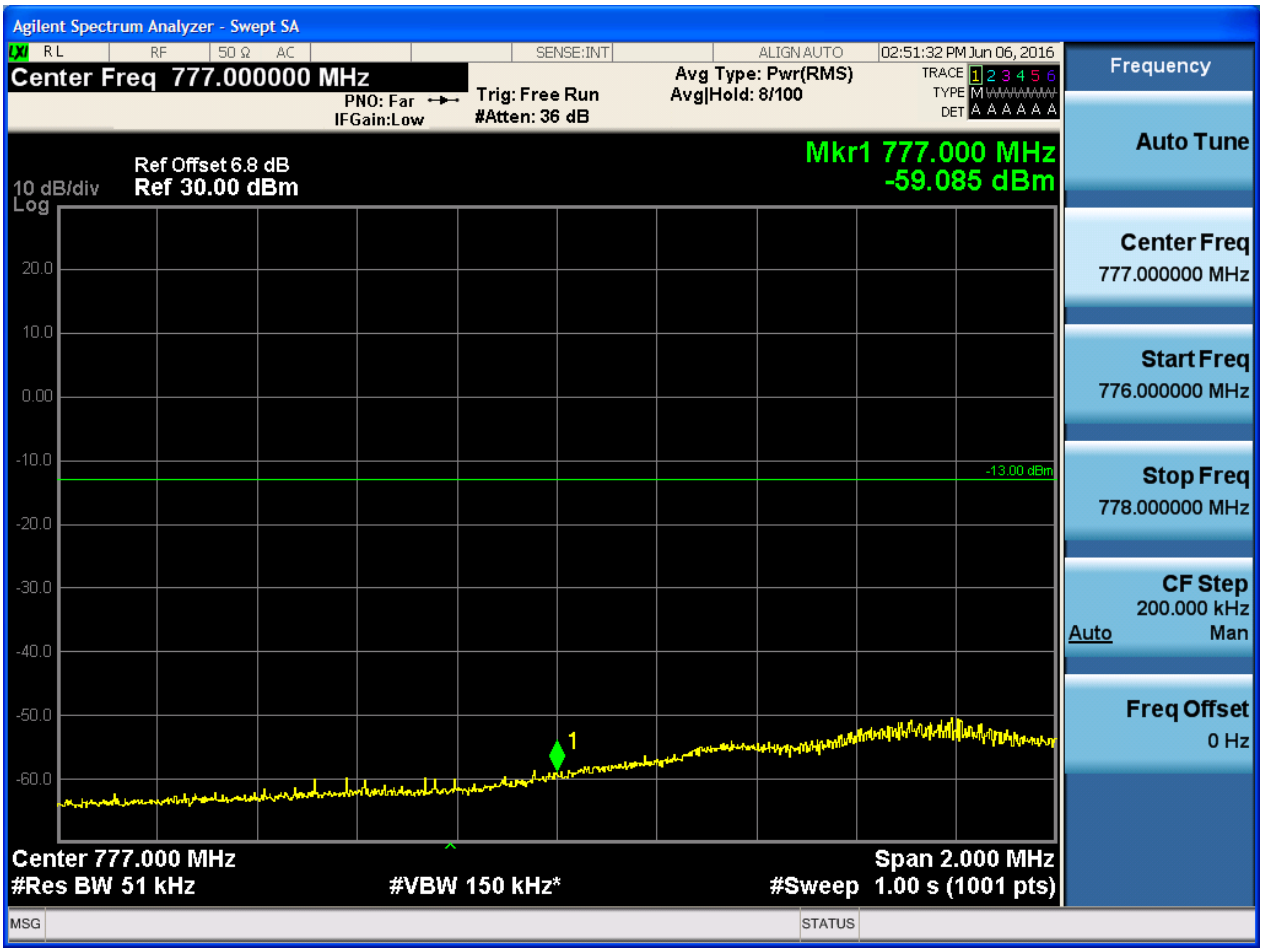
5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

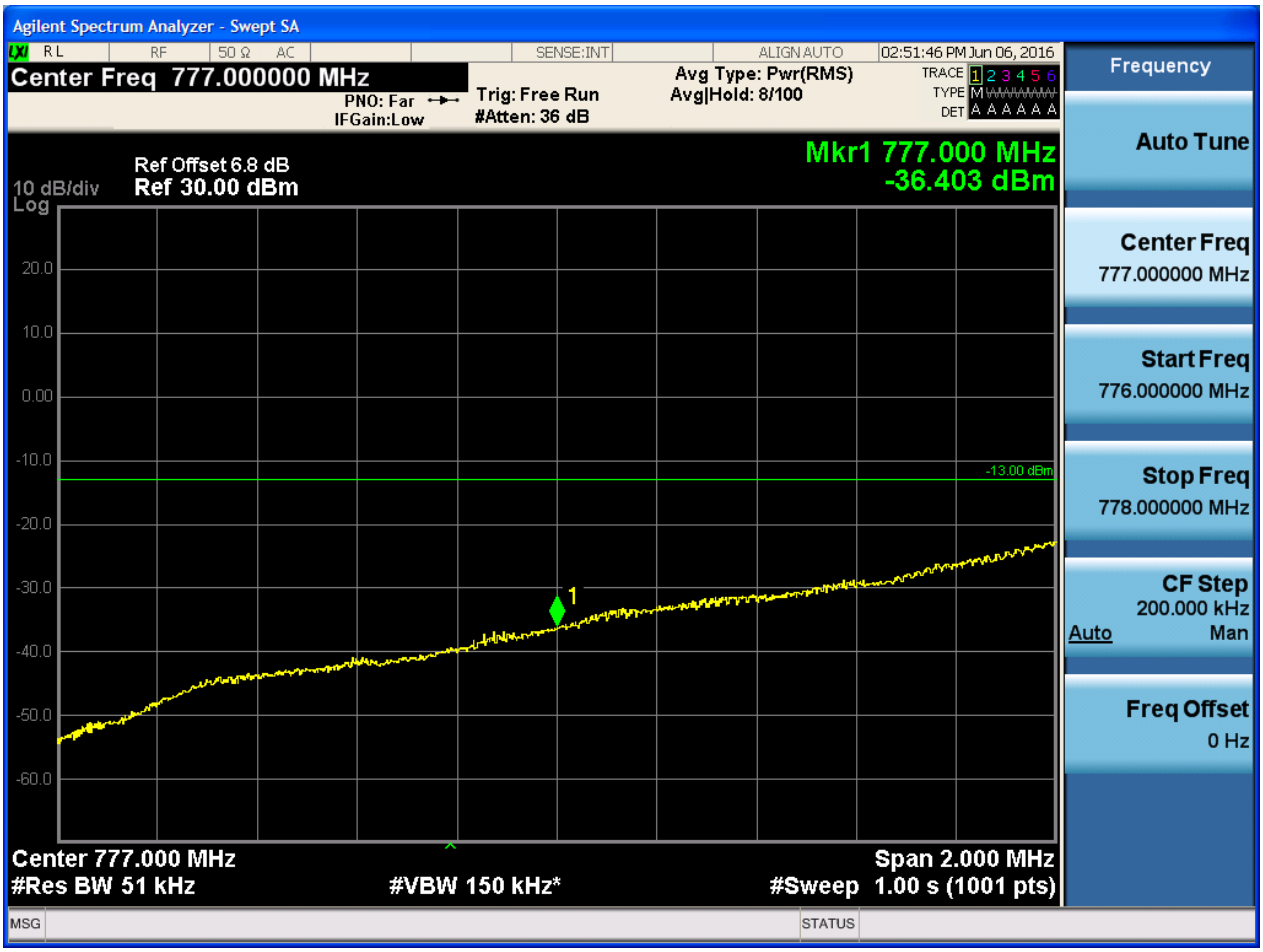
####### 5.1.1.2.1.1.1 Test RB = RB1#0



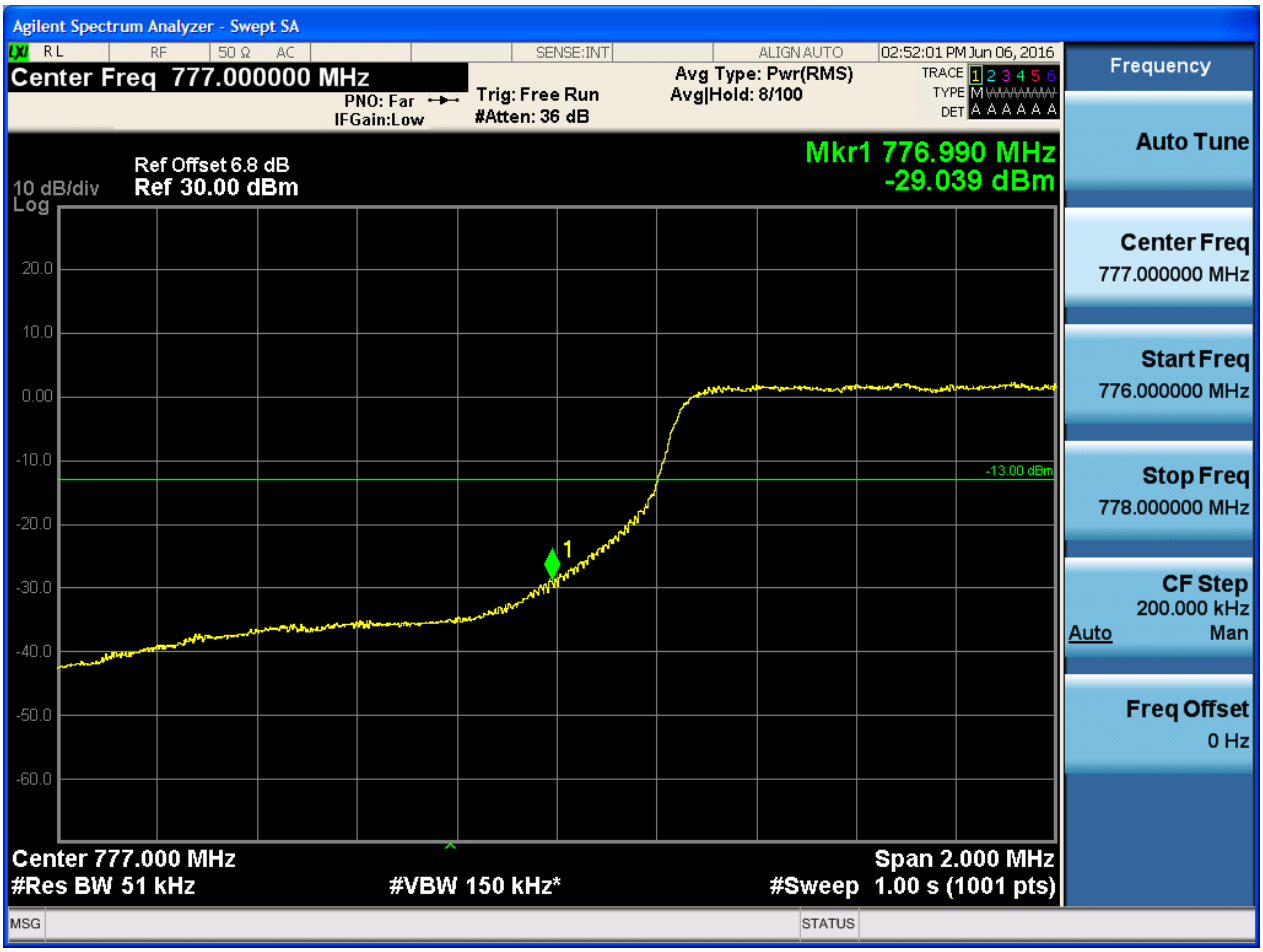
5.1.1.2.1.1.2 Test RB = RB1#24



5.1.1.2.1.1.3 Test RB = RB12#6

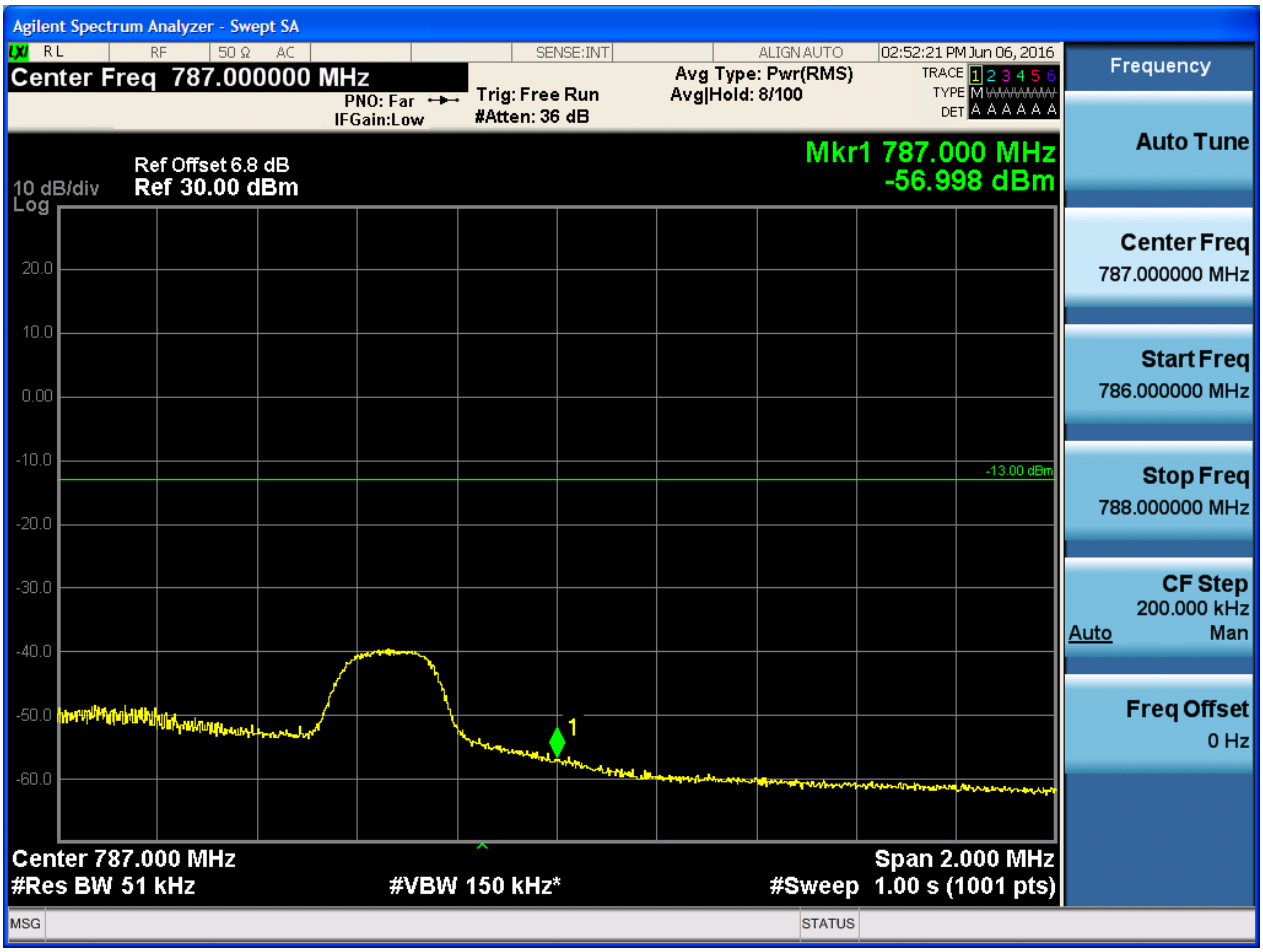


5.1.1.2.1.1.4 Test RB = RB25#0

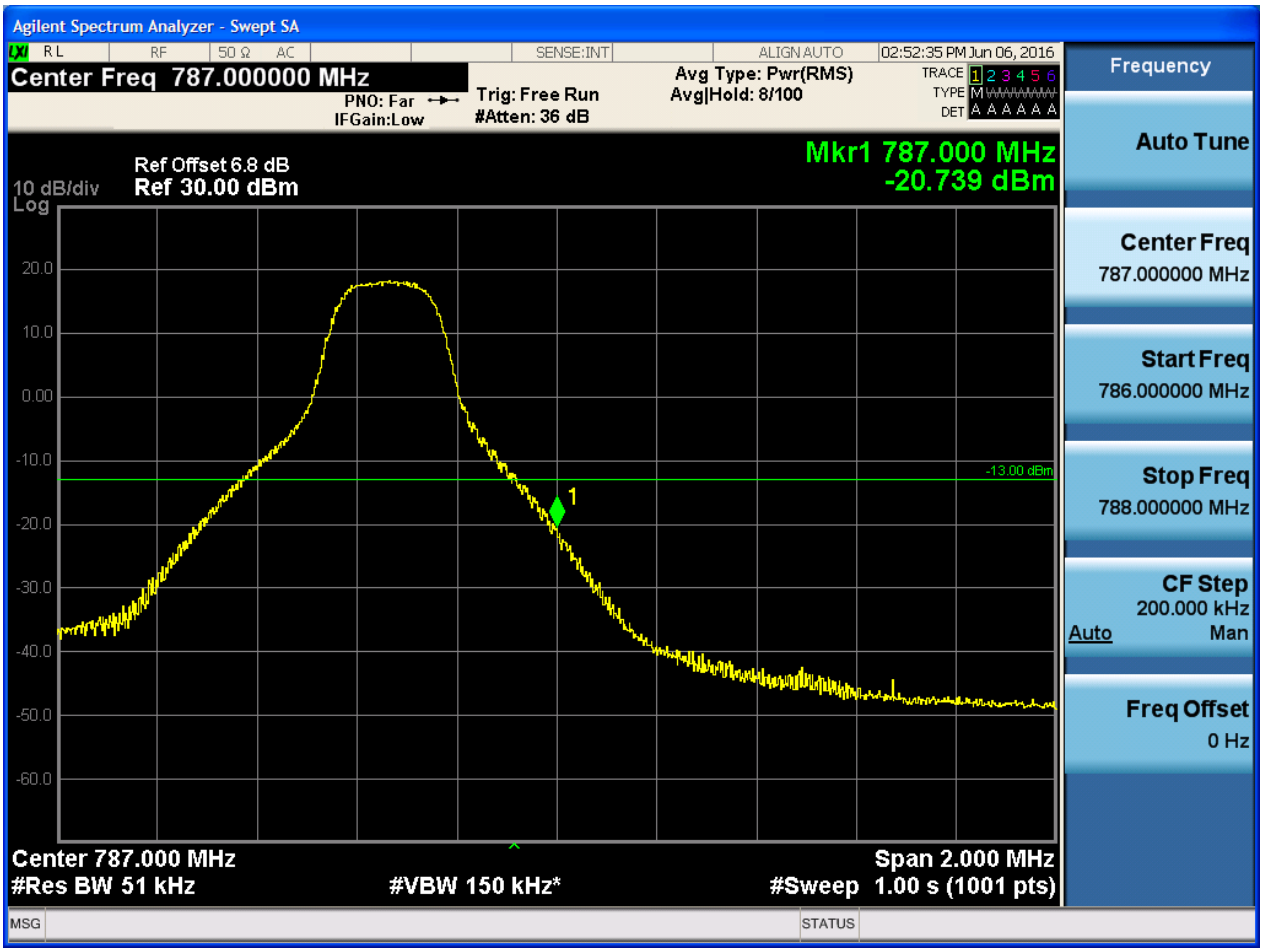


5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#24



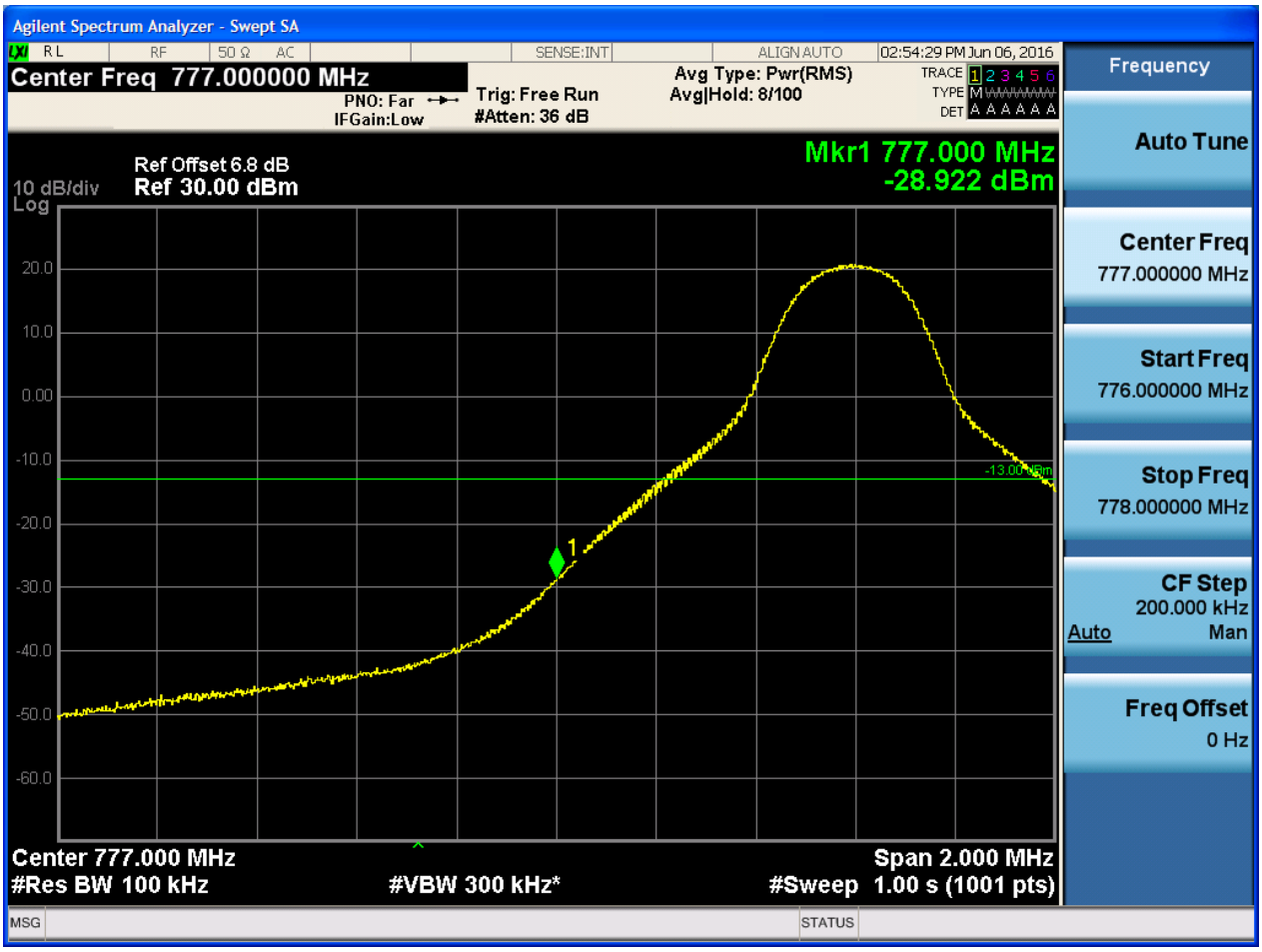
5.1.1.2.1.2.3 Test RB = RB12#6

5.1.1.2.1.2.4 Test RB = RB25#0

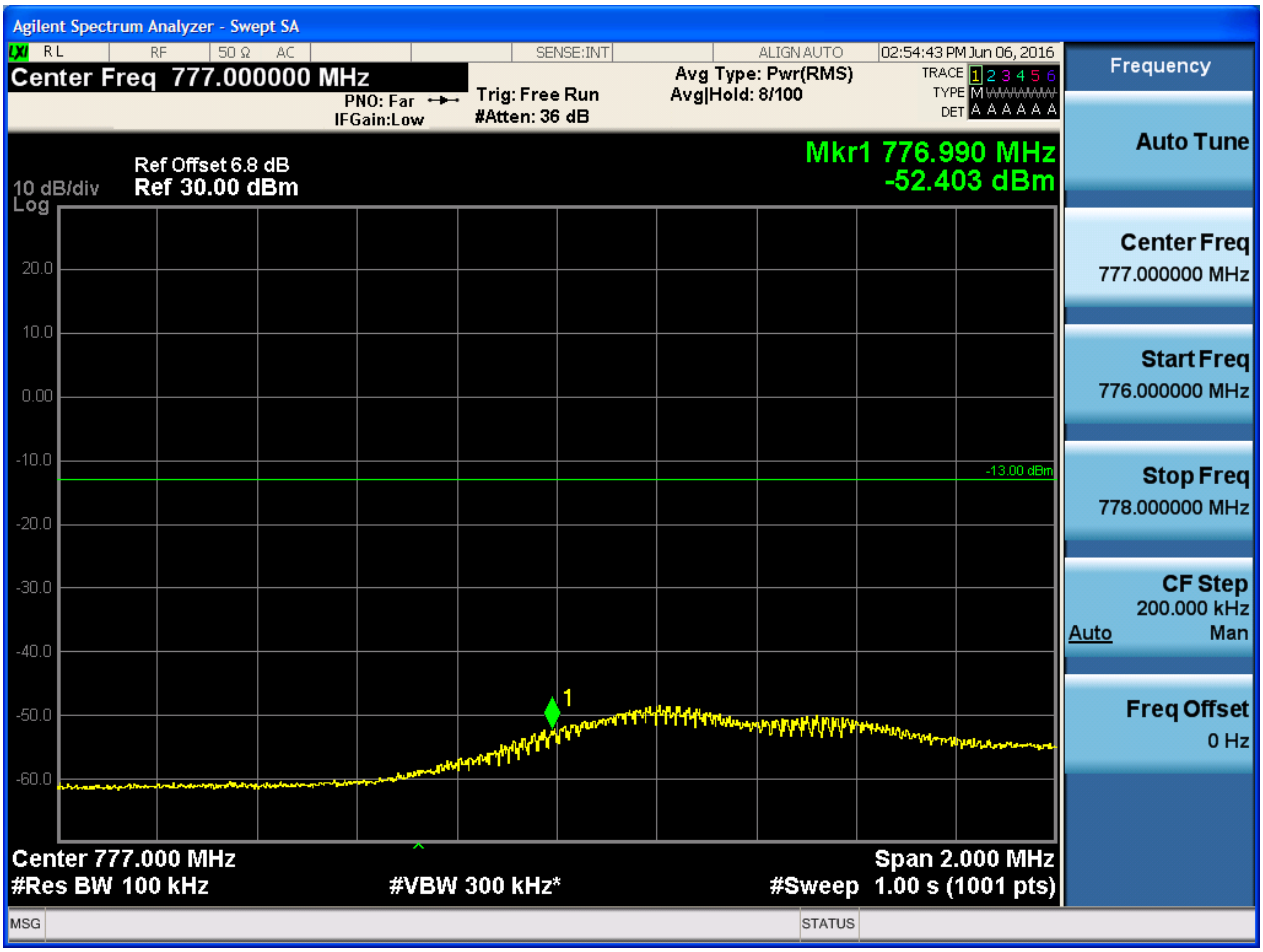
5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

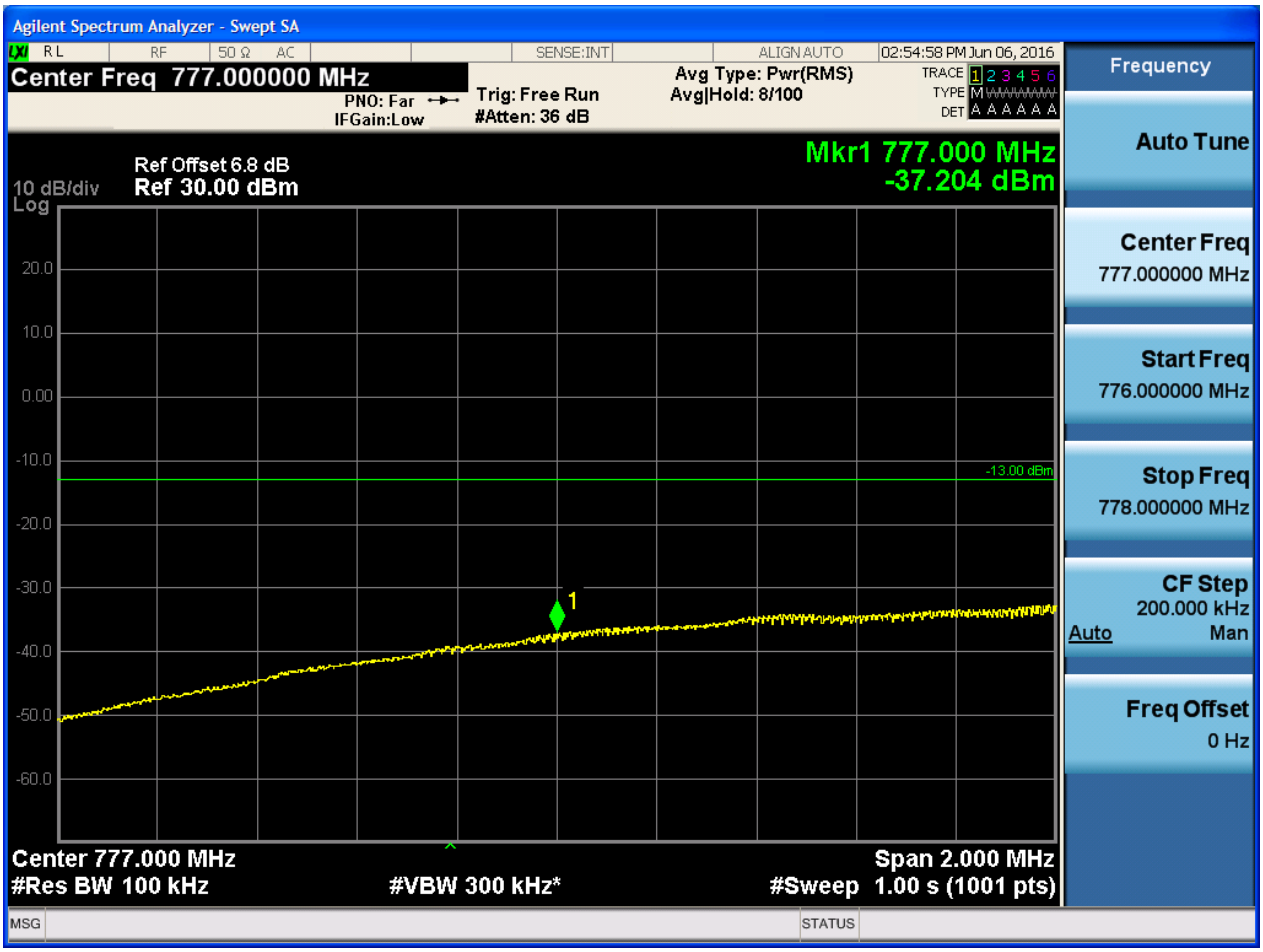
5.1.1.2.2.1.1 Test RB = RB1#0



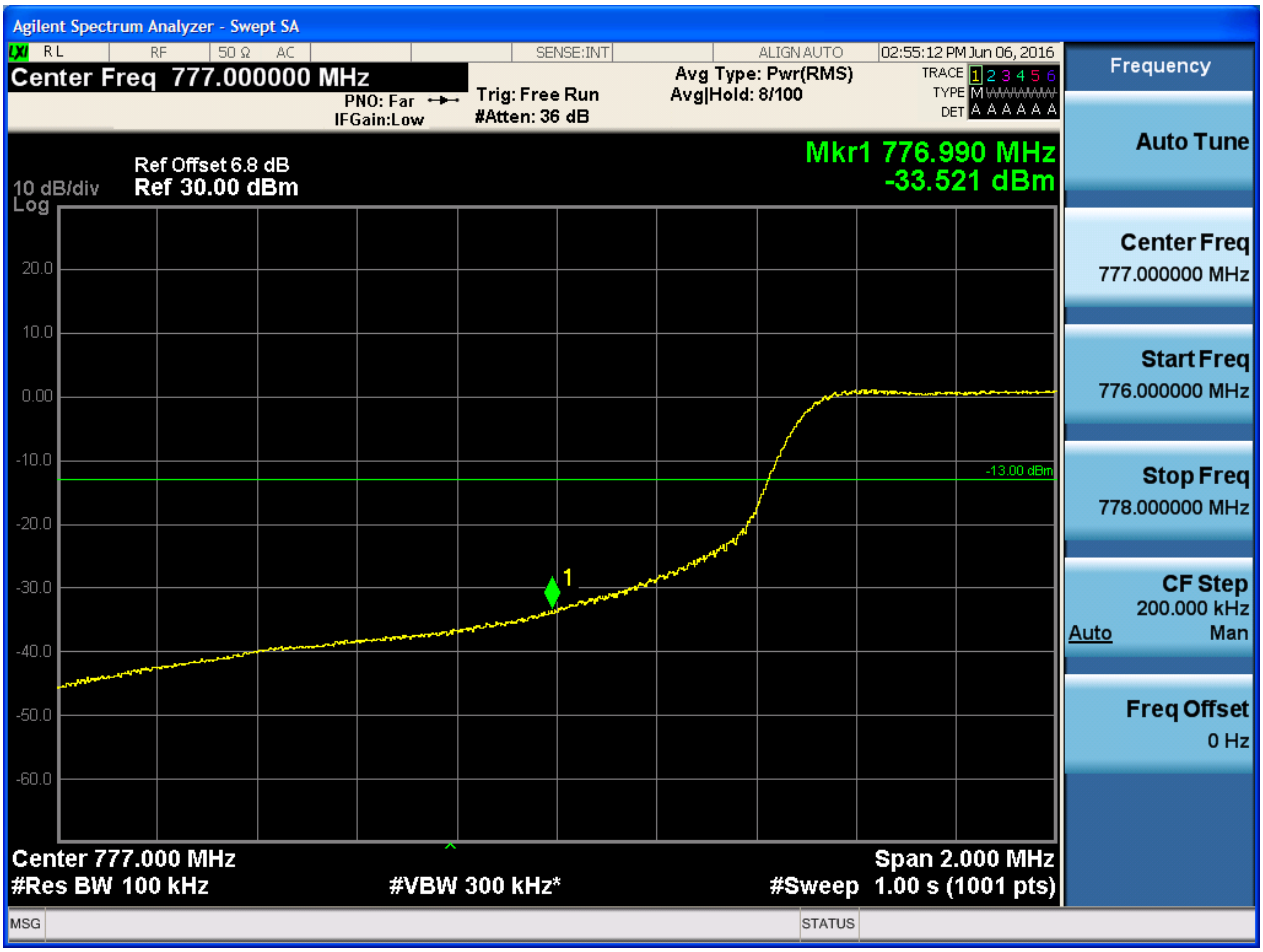
5.1.1.2.2.1.2 Test RB = RB1#49



5.1.1.2.2.1.3 Test RB = RB25#13

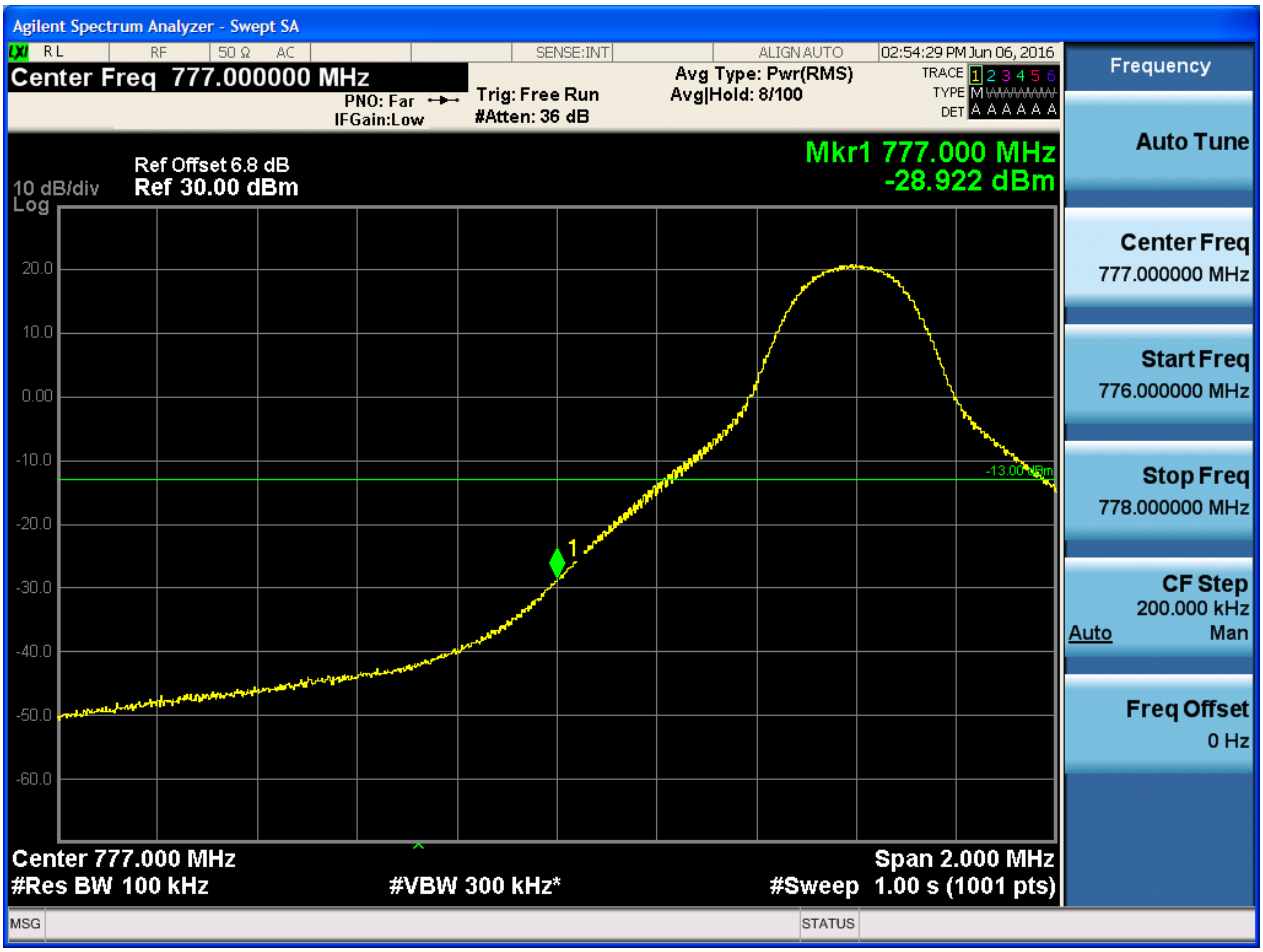


5.1.1.2.2.1.4 Test RB = RB50#0

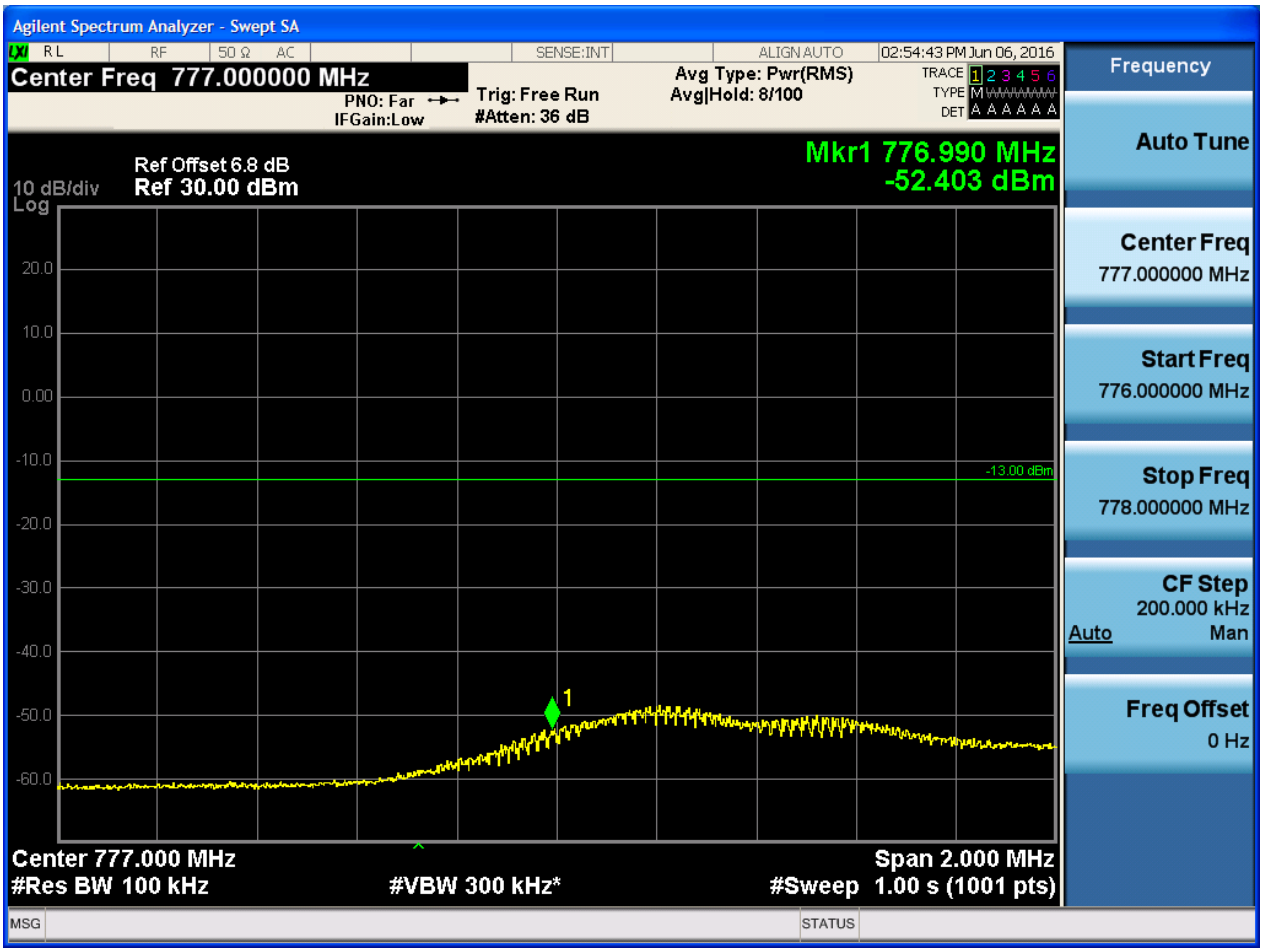


5.1.1.2.2.2 Test Channel = HCH

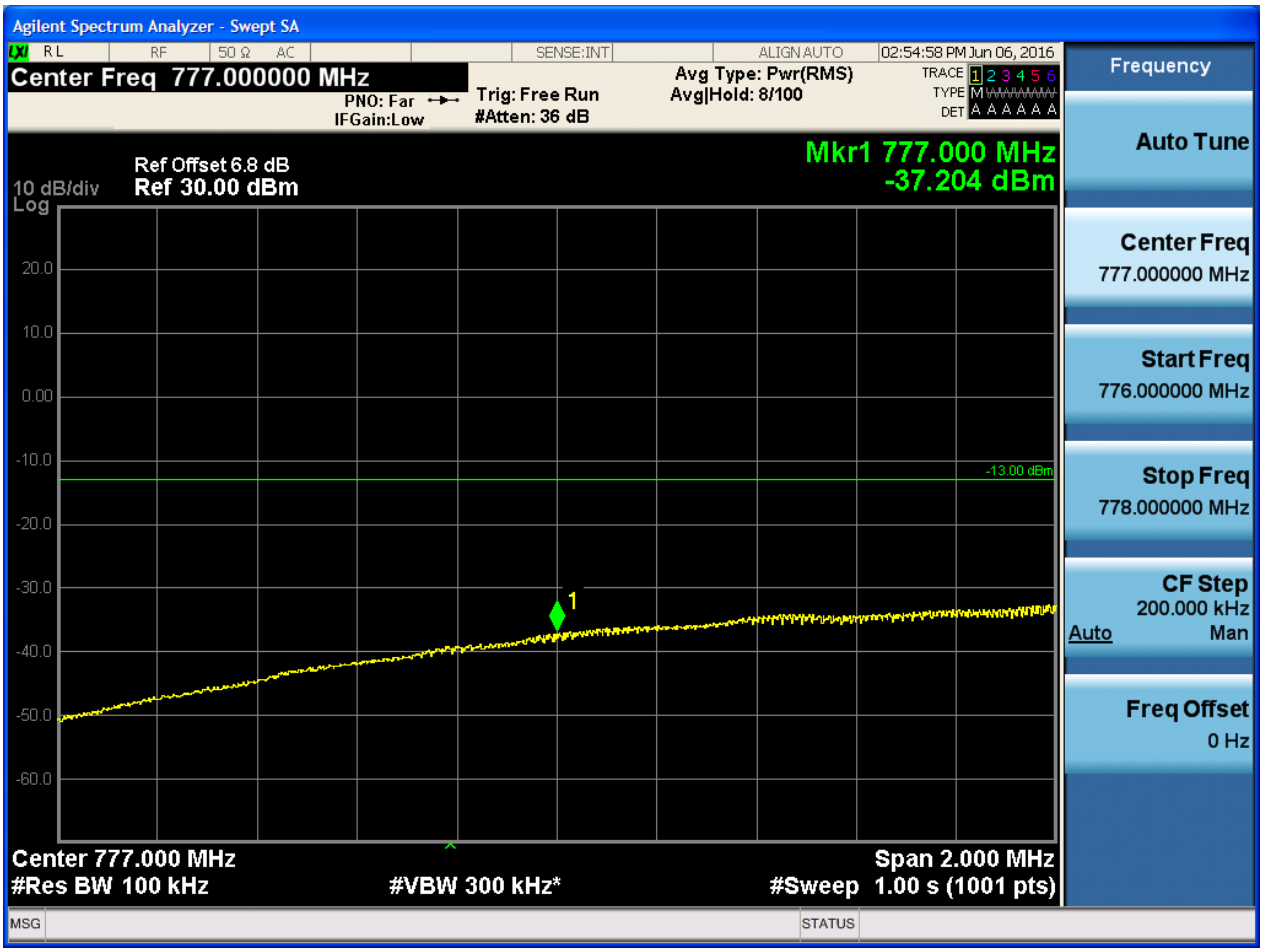
5.1.1.2.2.2.1 Test RB = RB1#0



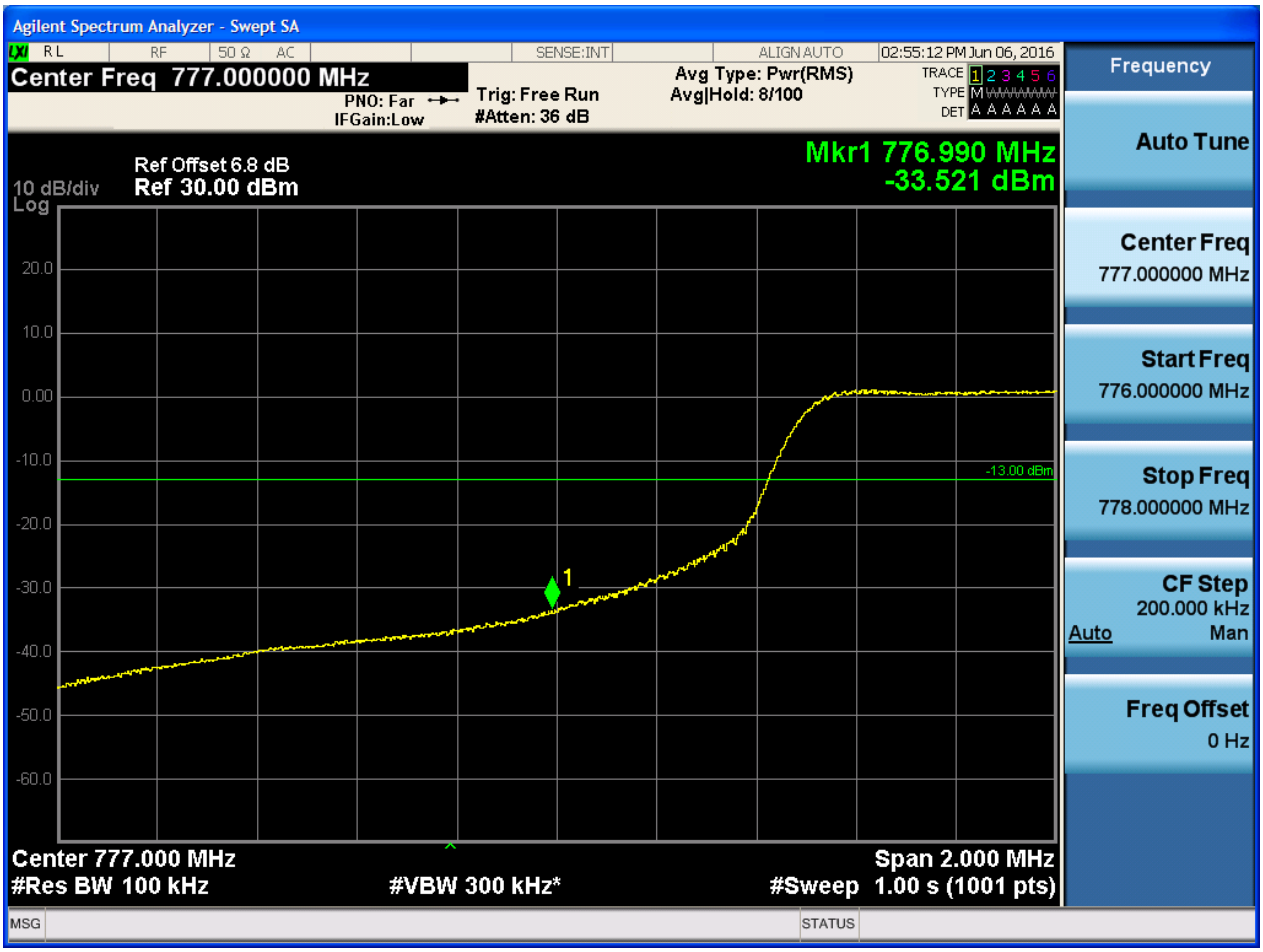
5.1.1.2.2.2 Test RB = RB1#49



5.1.1.2.2.3 Test RB = RB25#13



5.1.1.2.2.4 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

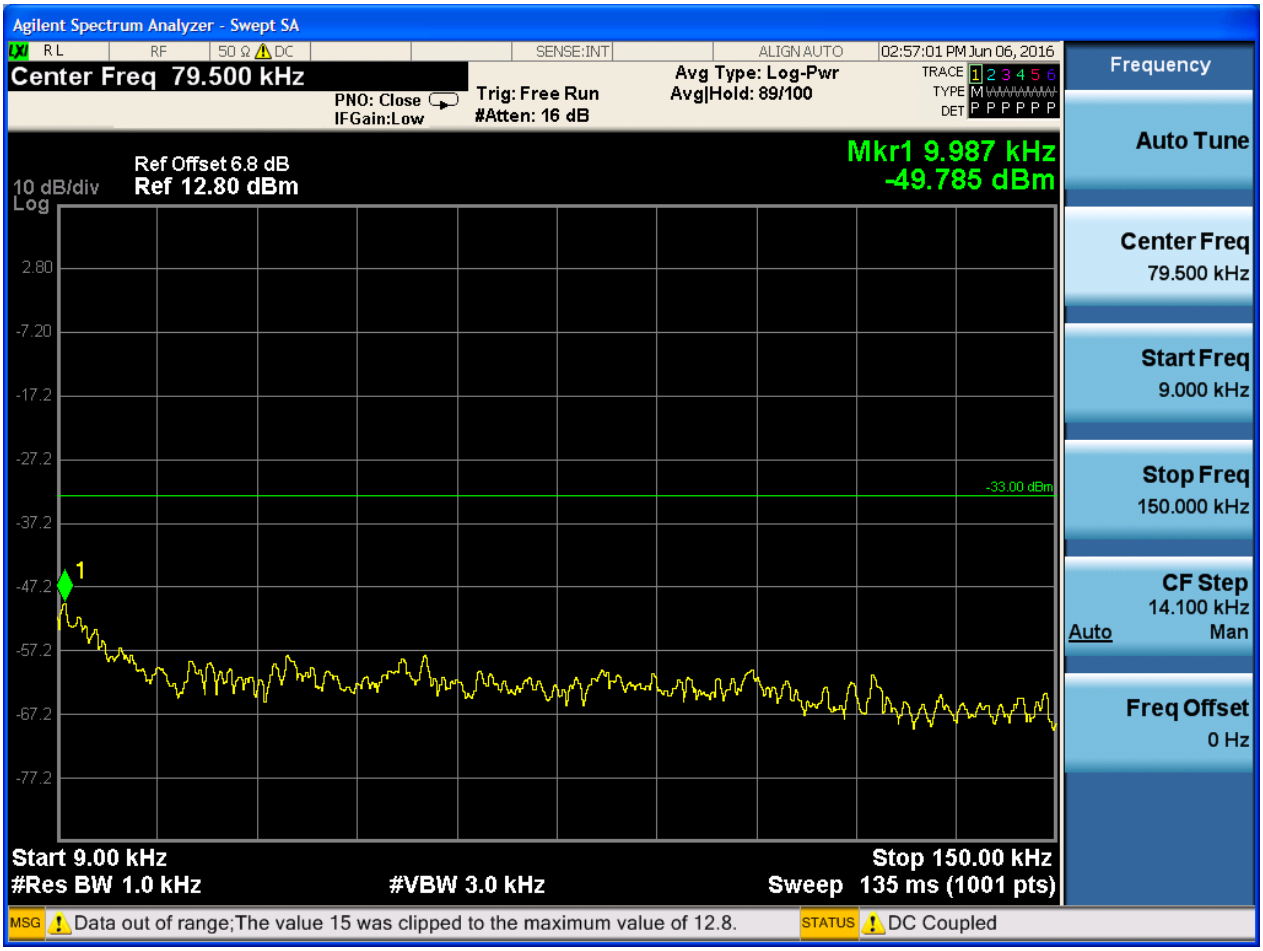
6.1.1 Test Band = BAND13

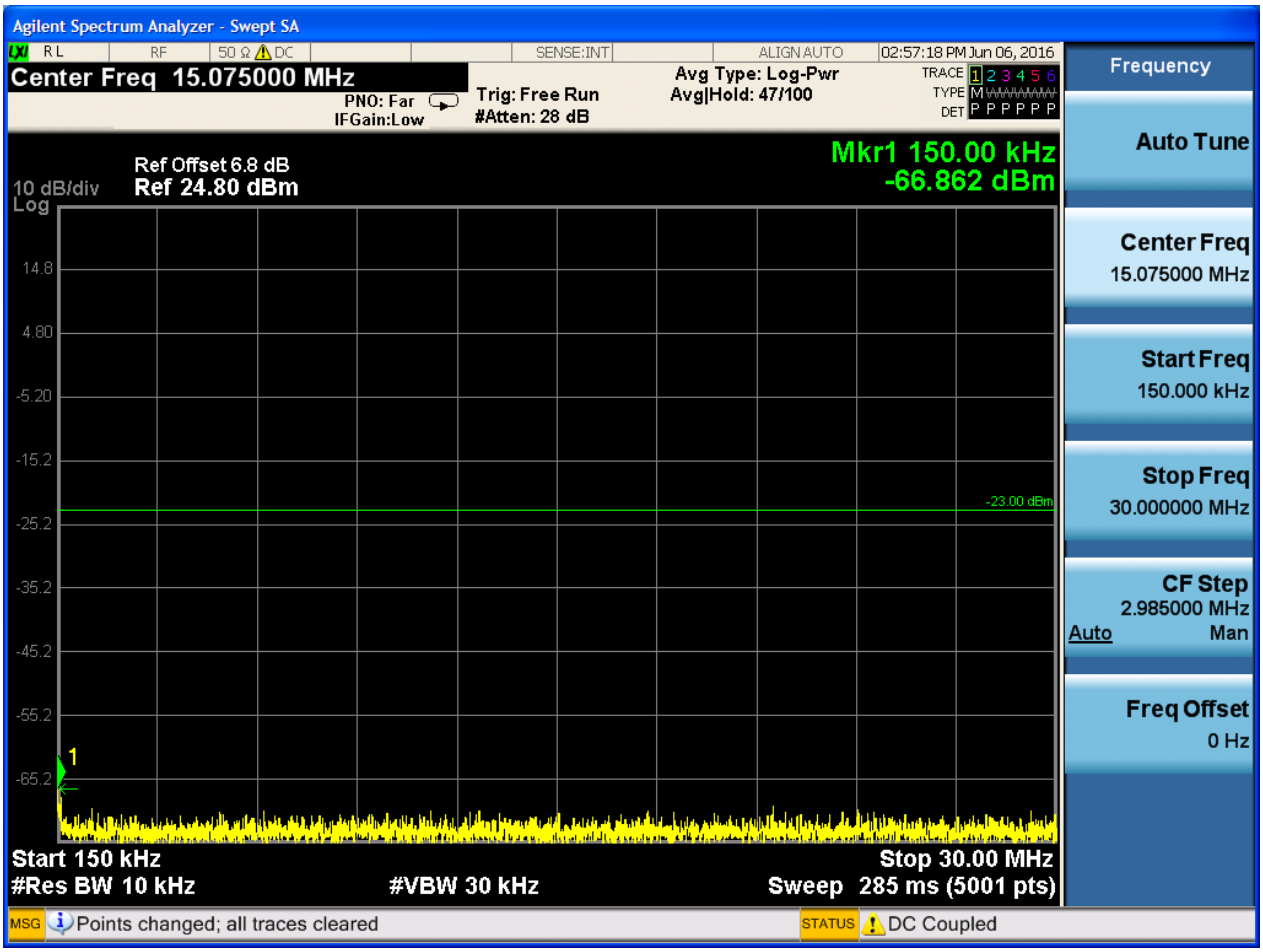
6.1.1.1 Test Mode = LTE/TM1

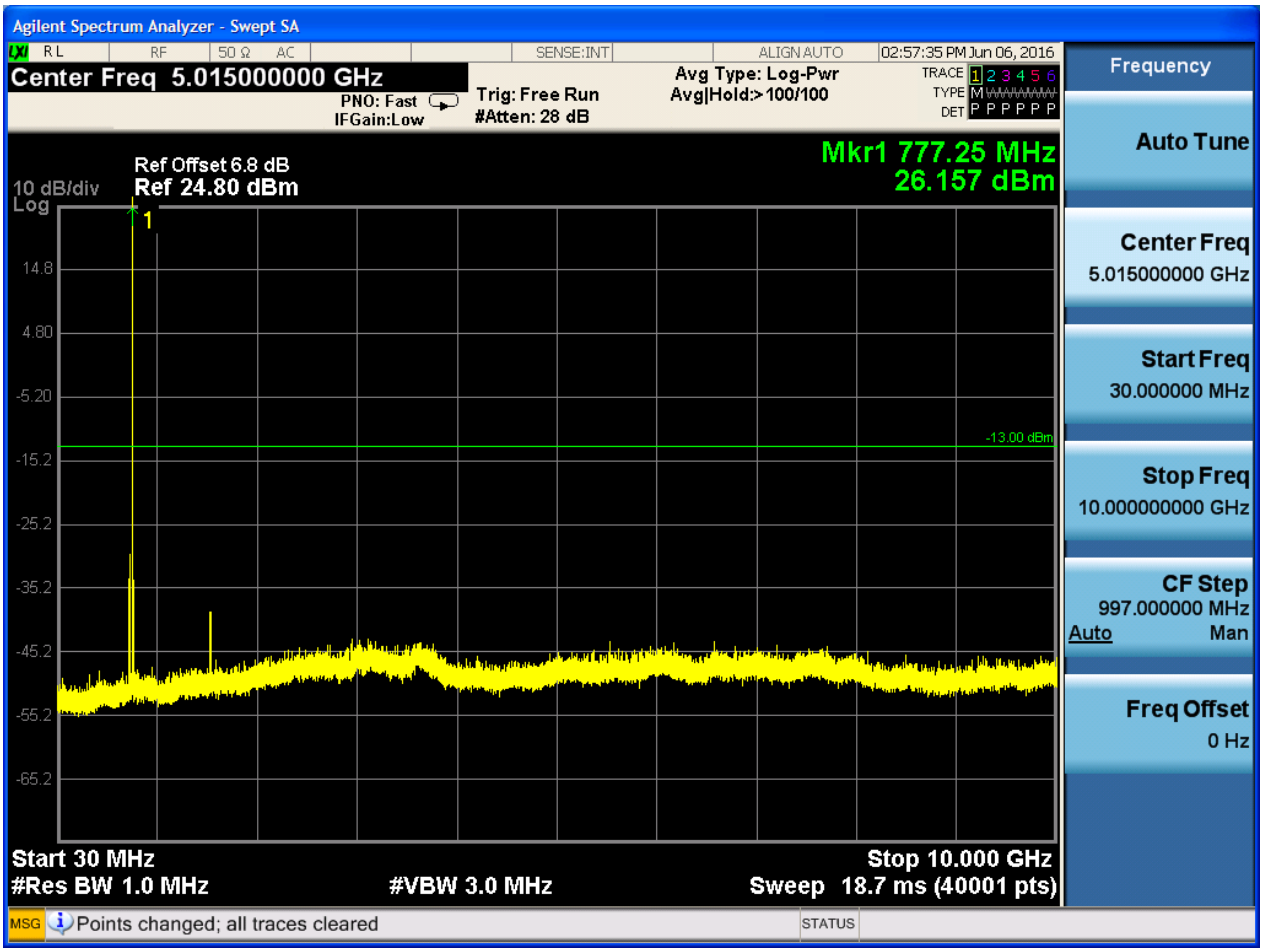
6.1.1.1.1 Test Bandwidth = 5

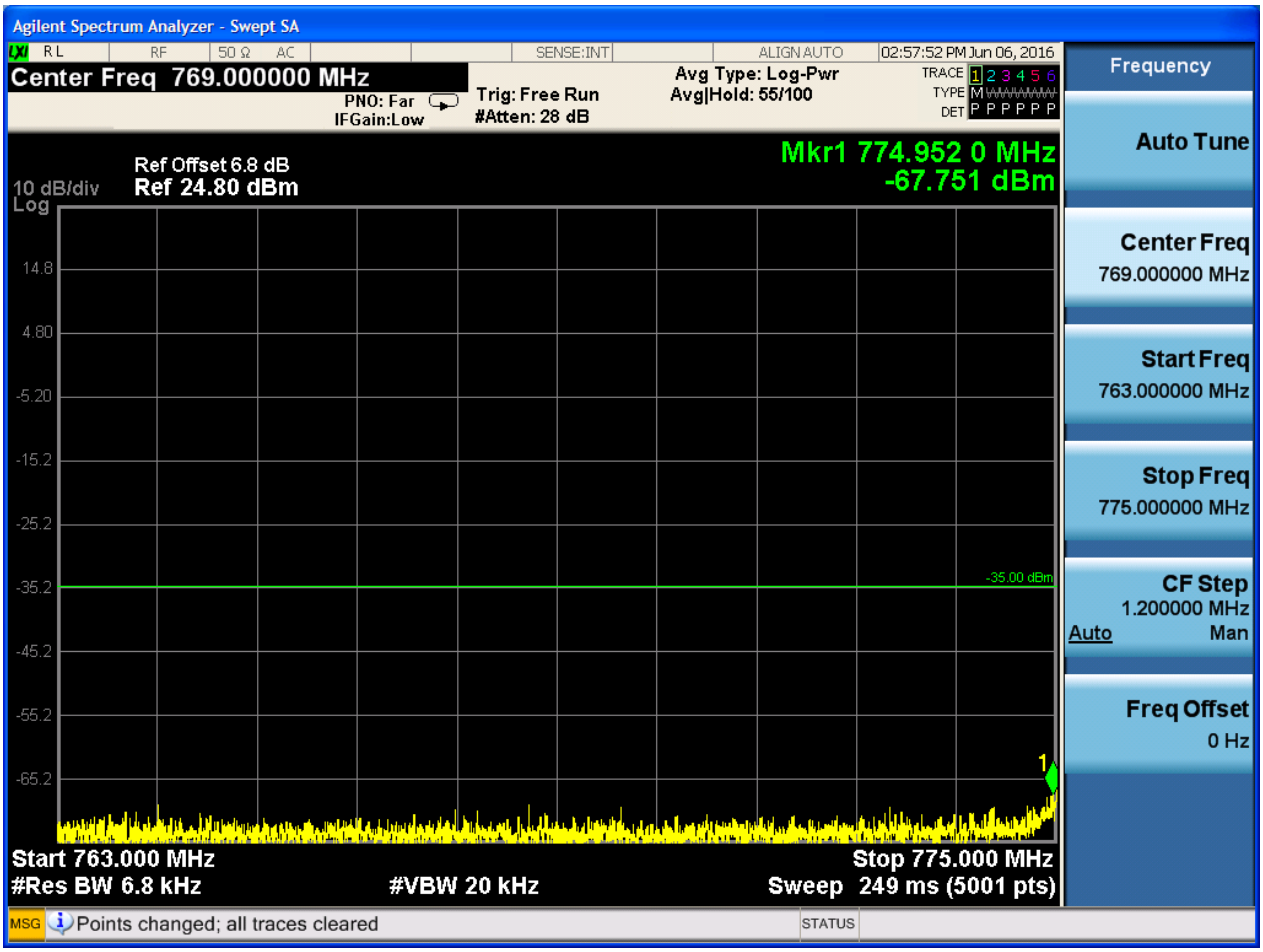
6.1.1.1.1.1 Test Channel = LCH

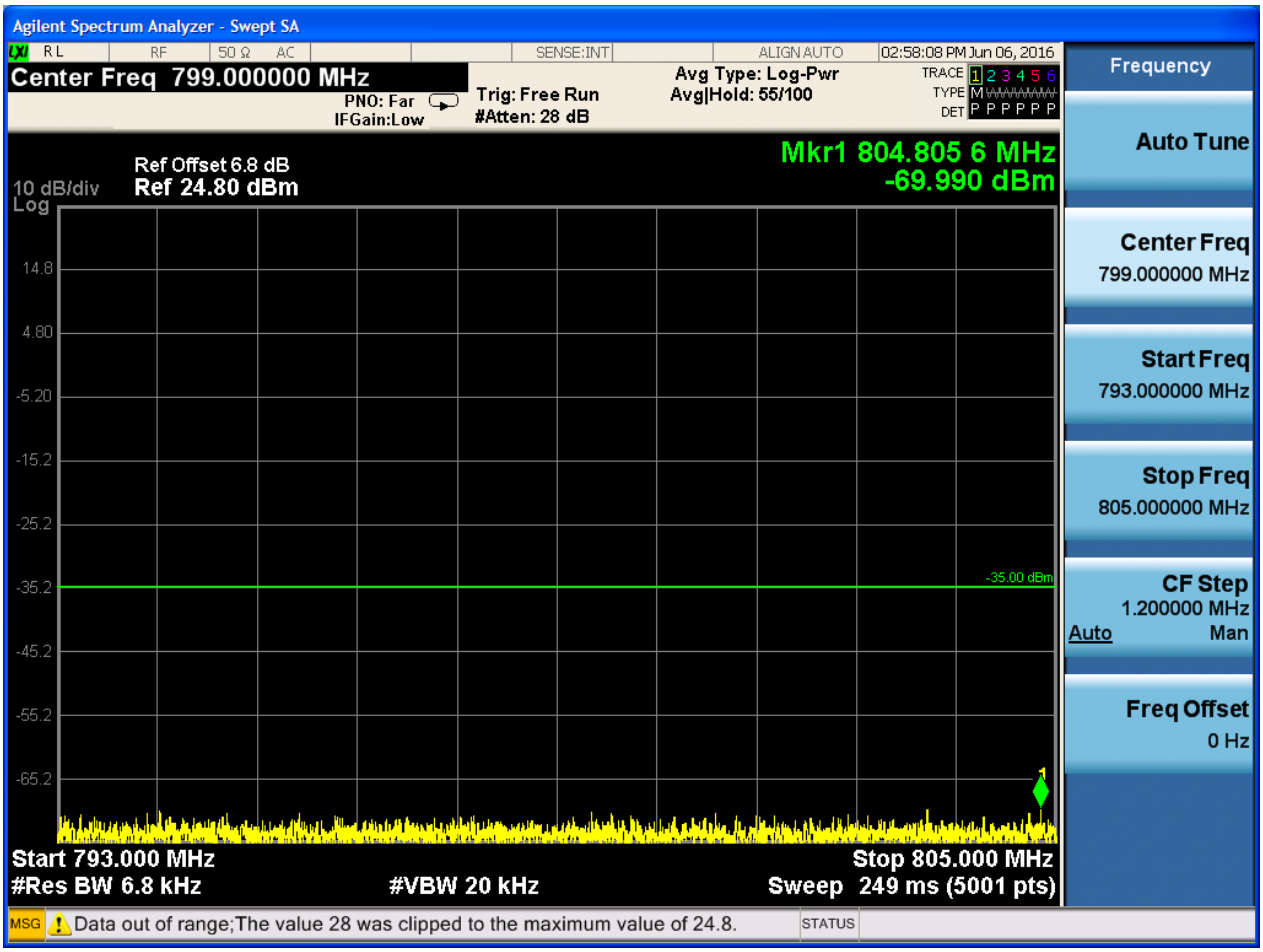
6.1.1.1.1.1.1 Test RB = RB1#0





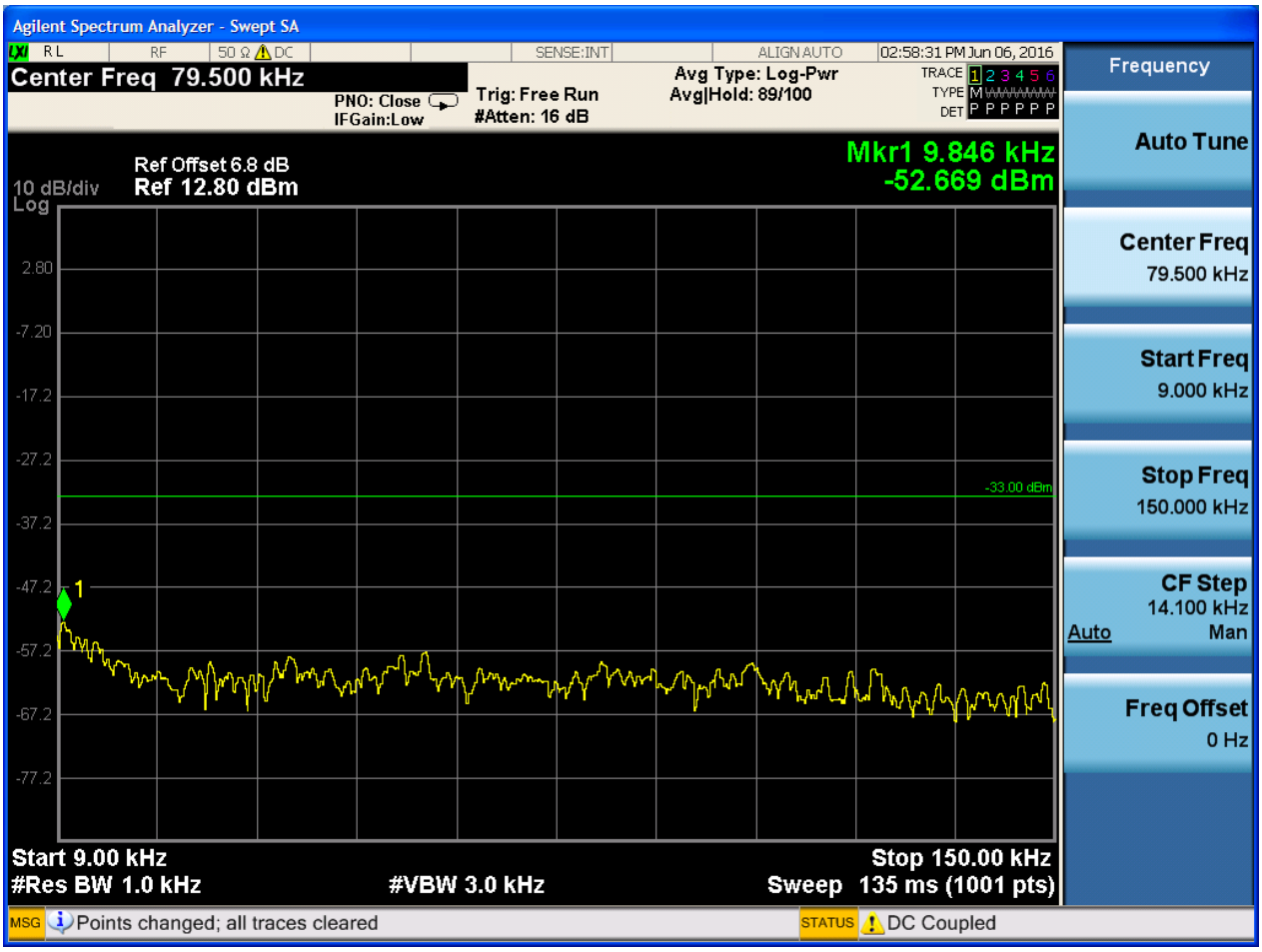


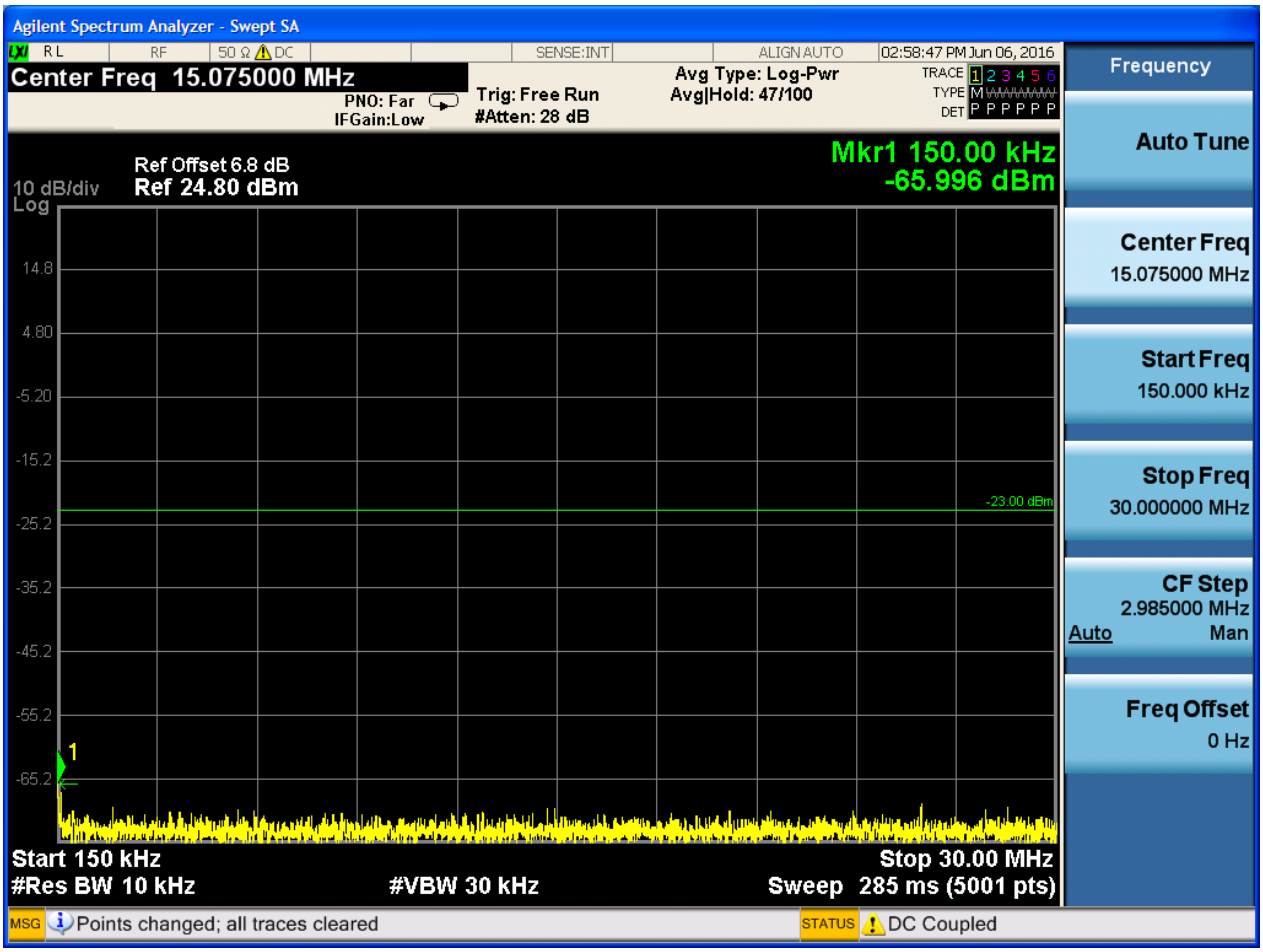


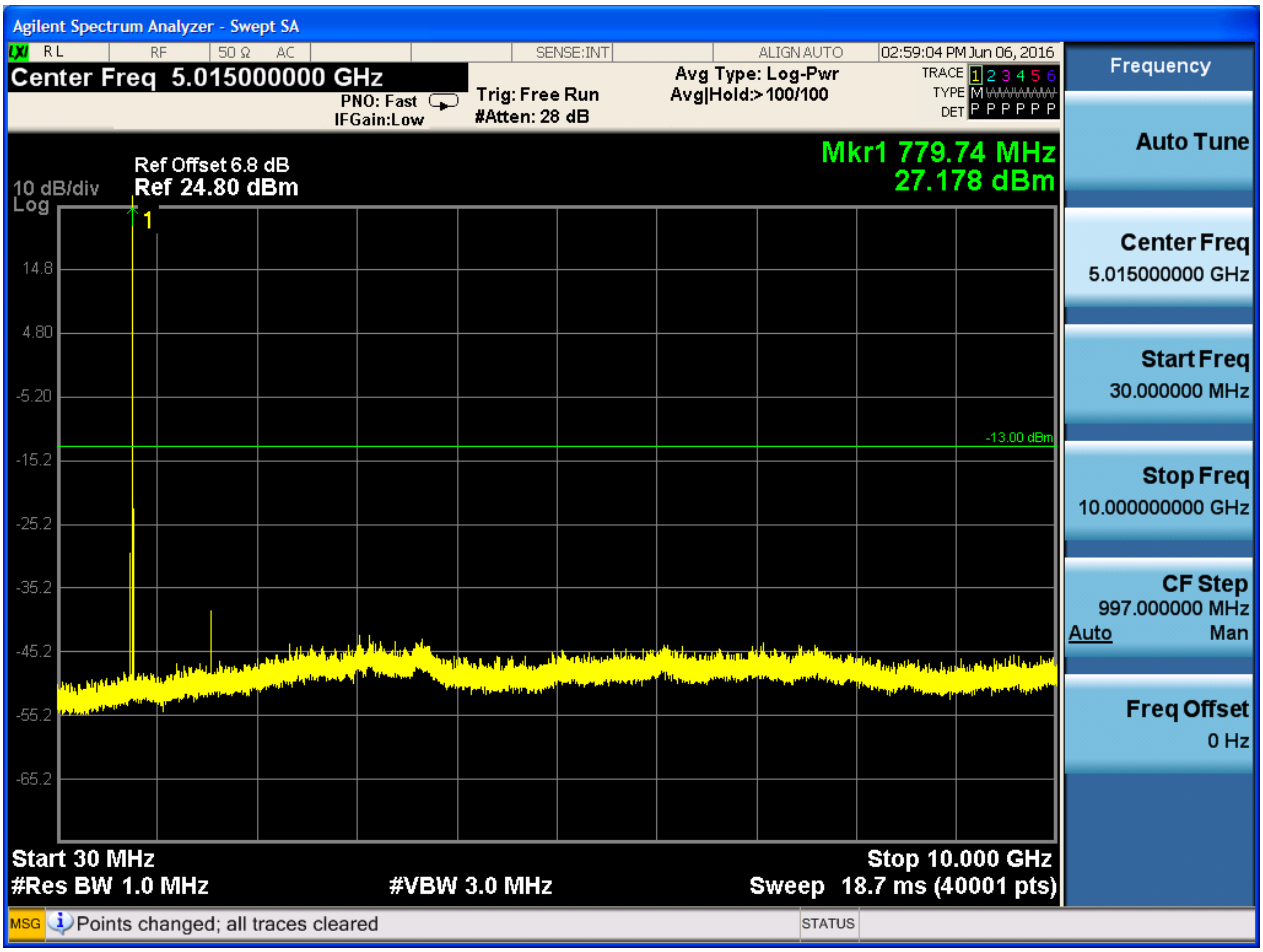


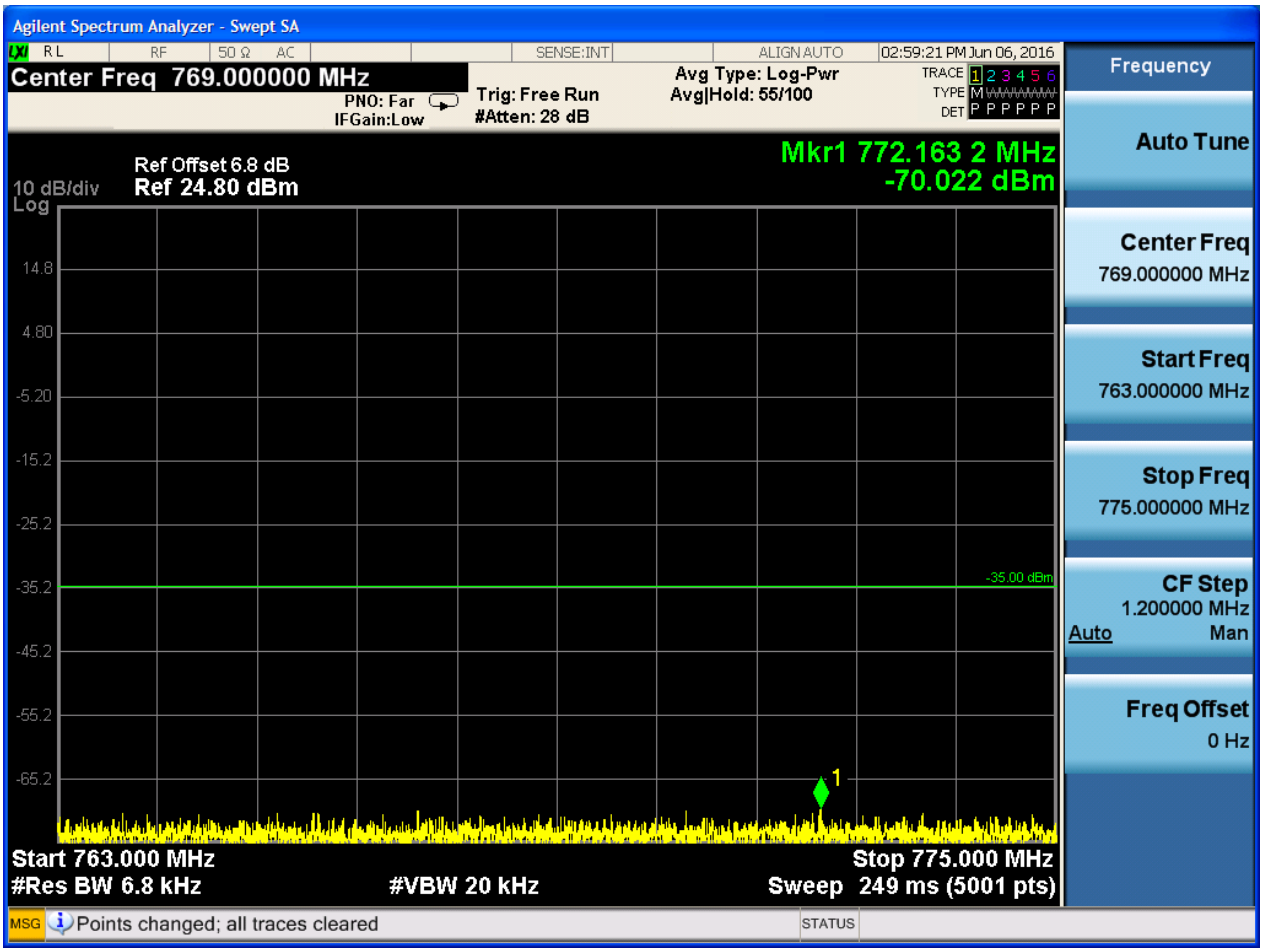
6.1.1.1.1.2 Test Channel = MCH

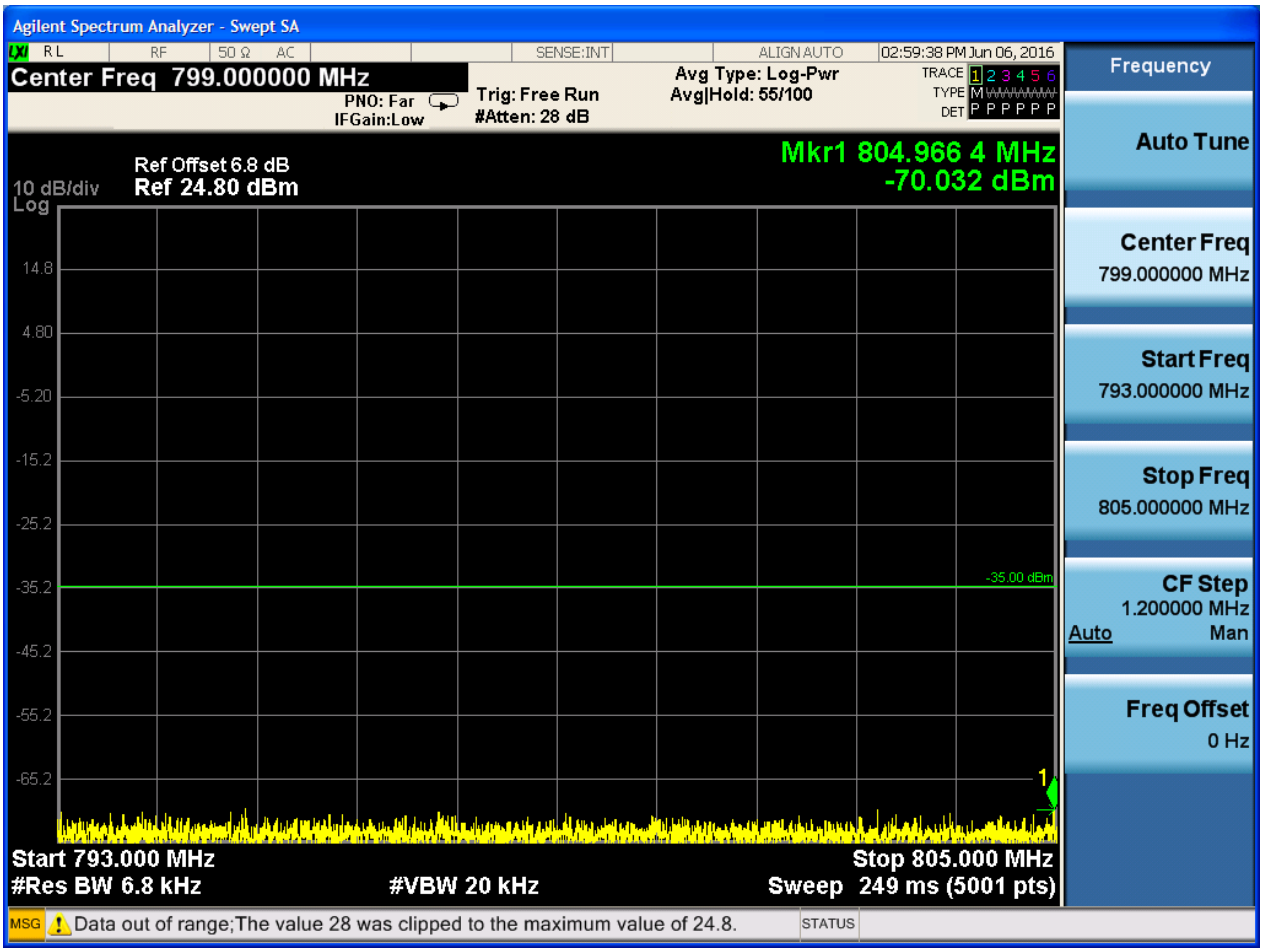
6.1.1.1.1.2.1 Test RB = RB1#0





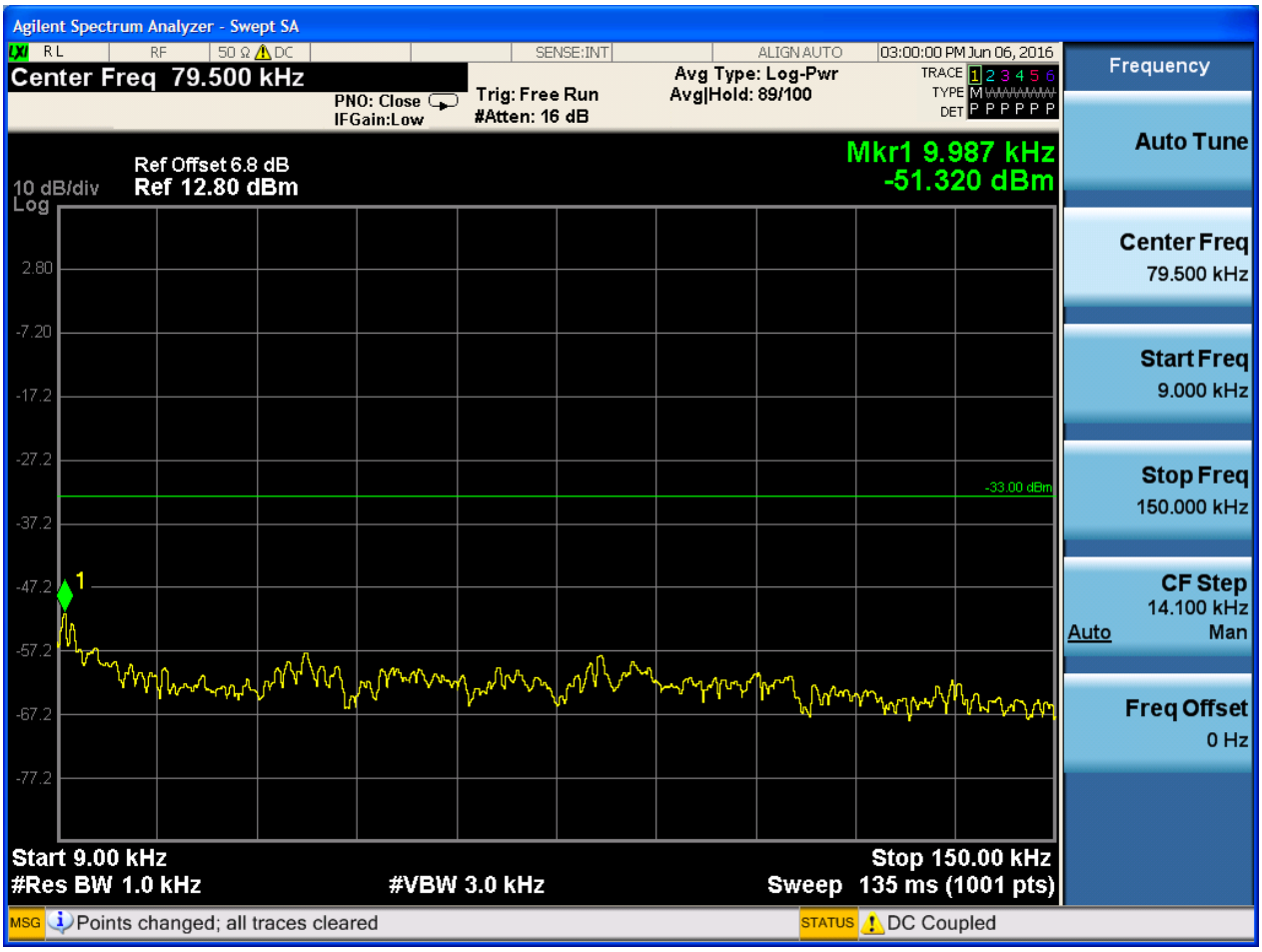


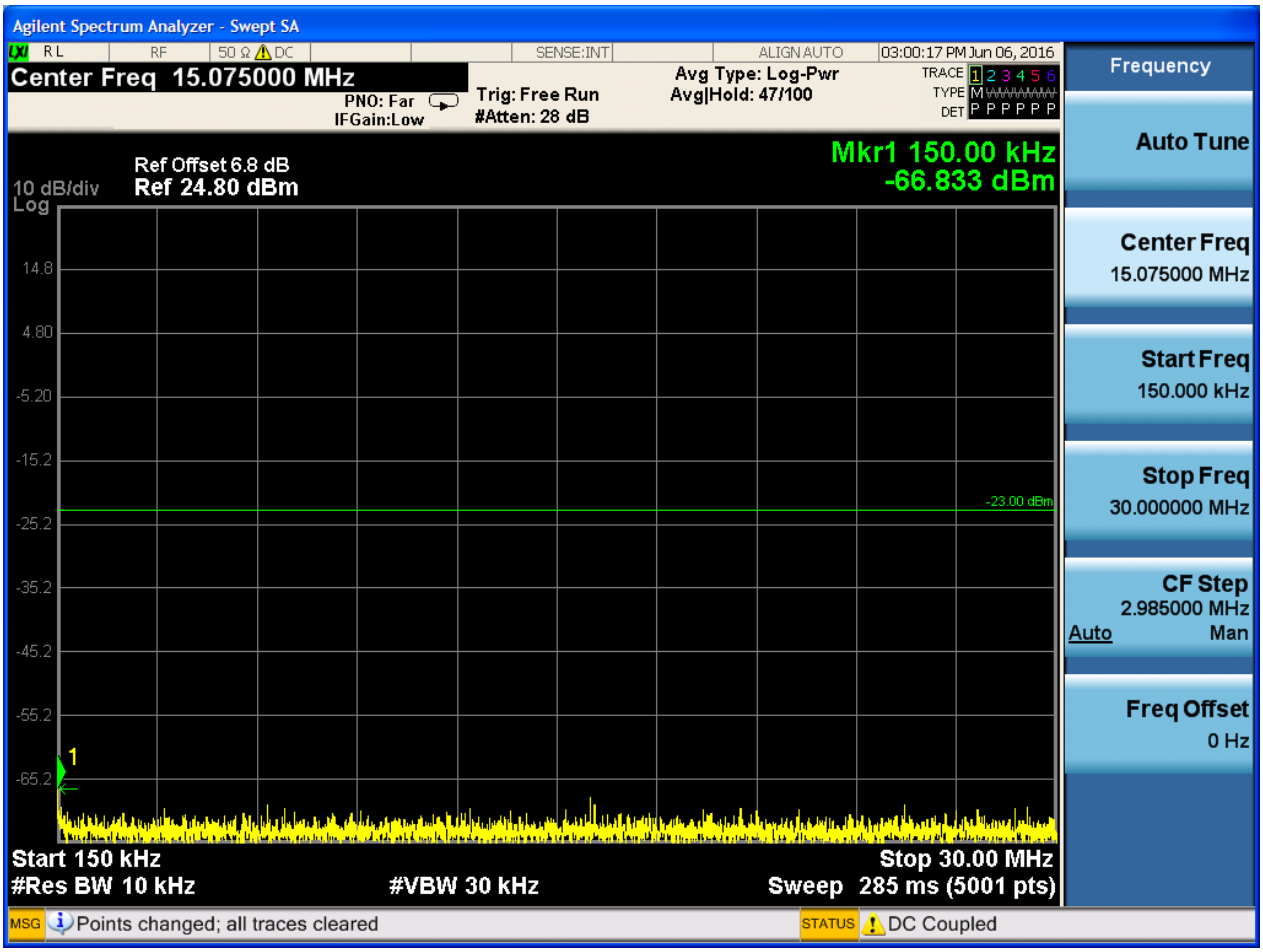


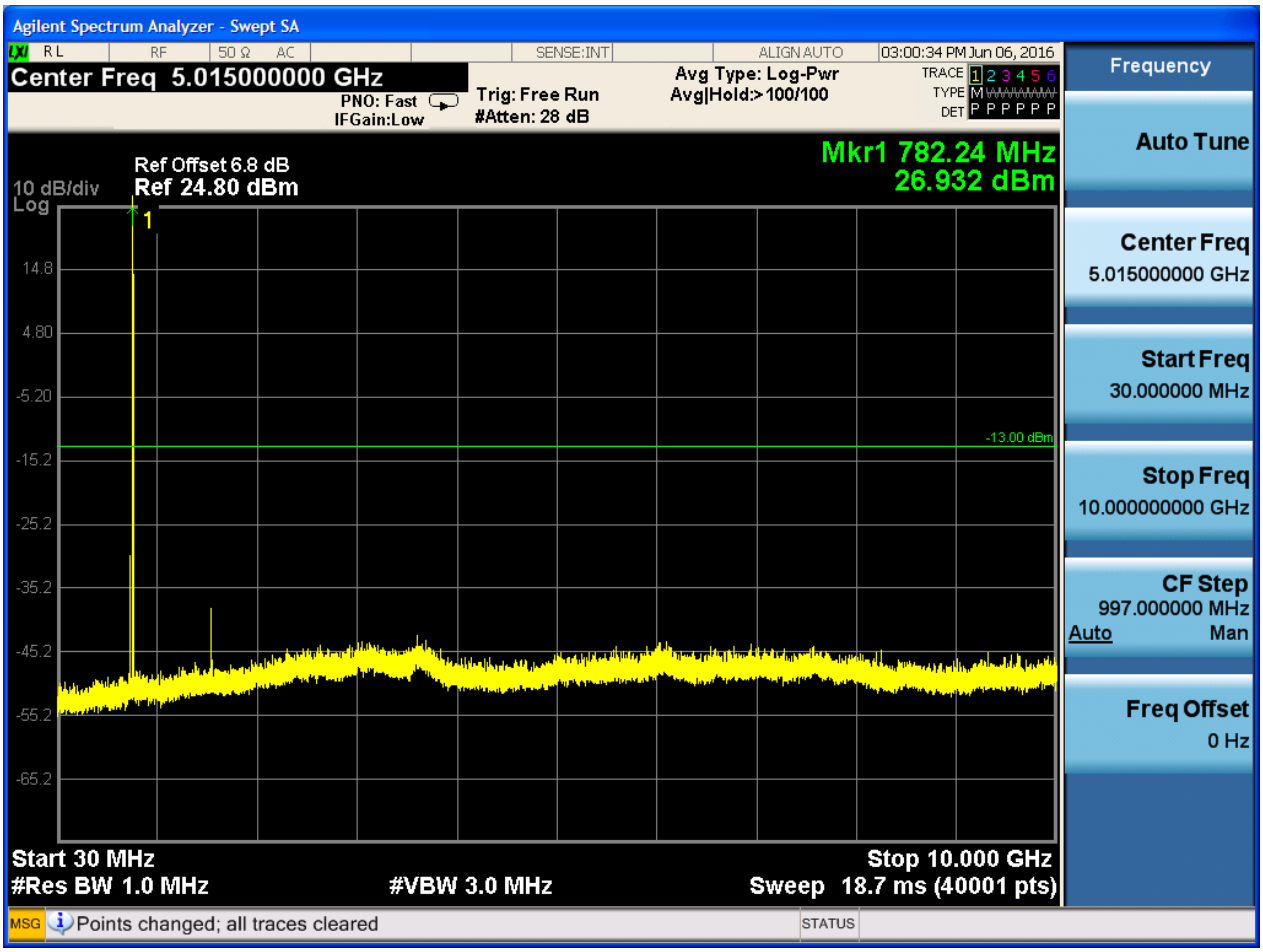


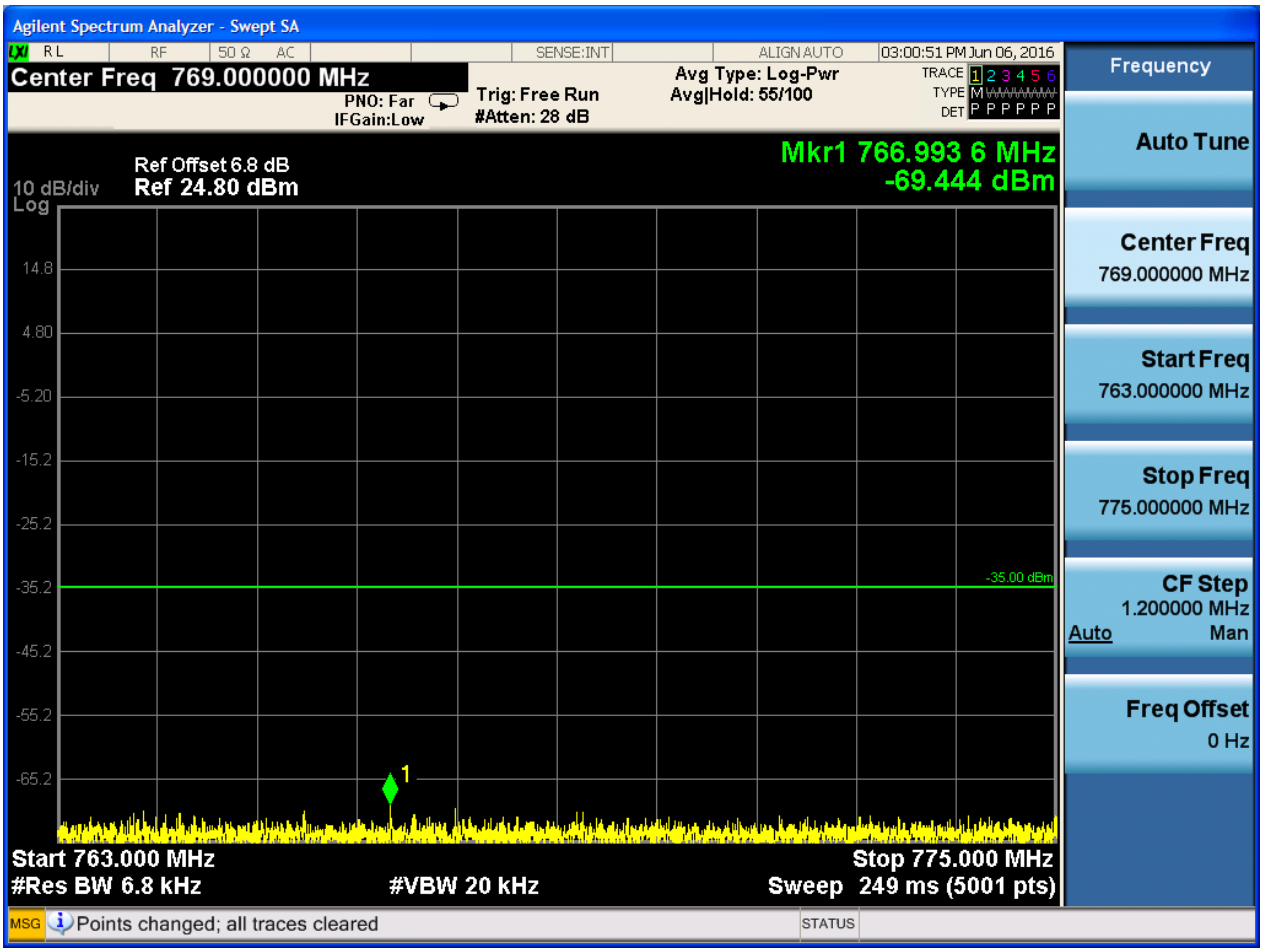
6.1.1.1.1.3 Test Channel = HCH

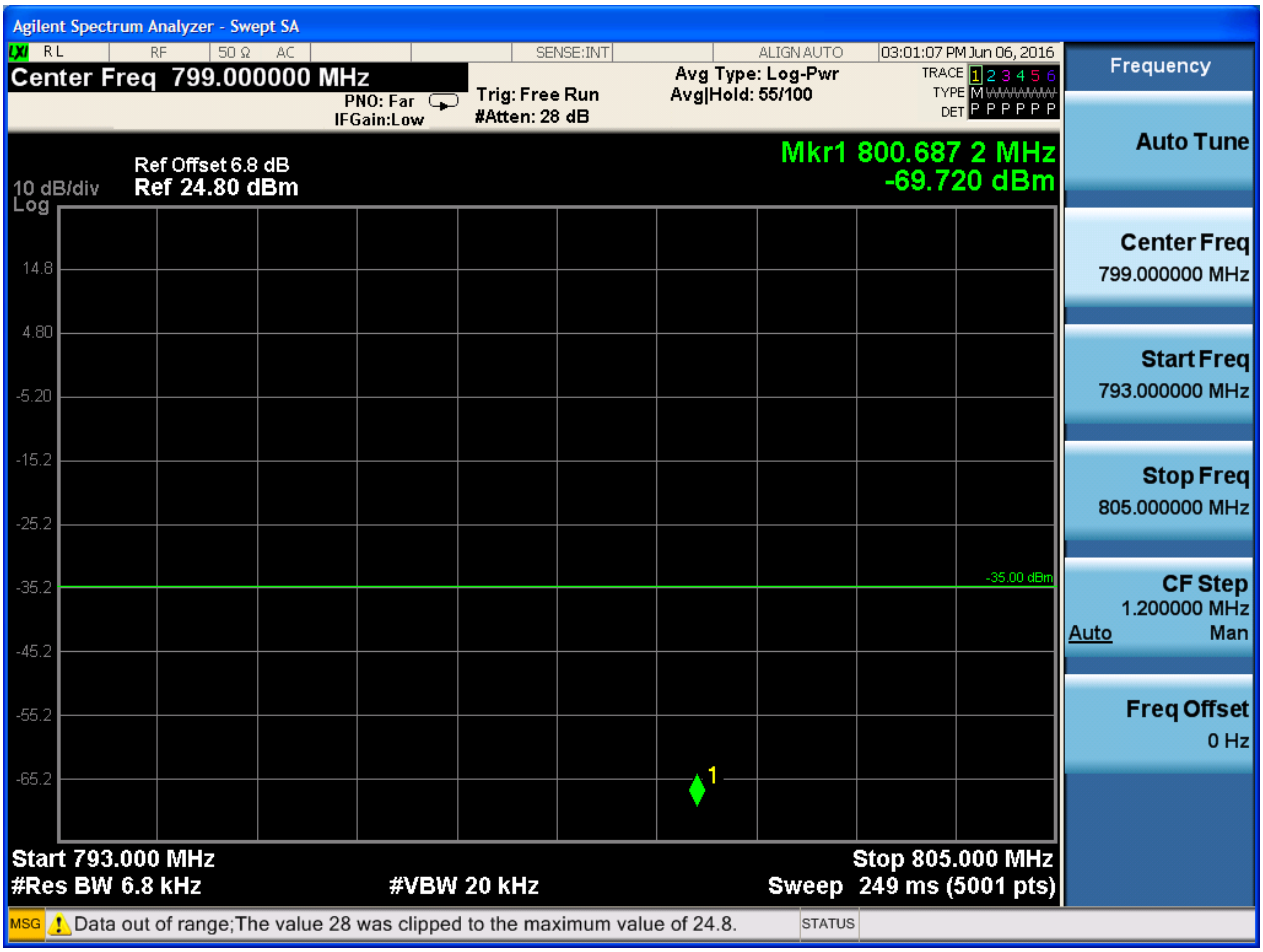
6.1.1.1.1.3.1 Test RB = RB1#0







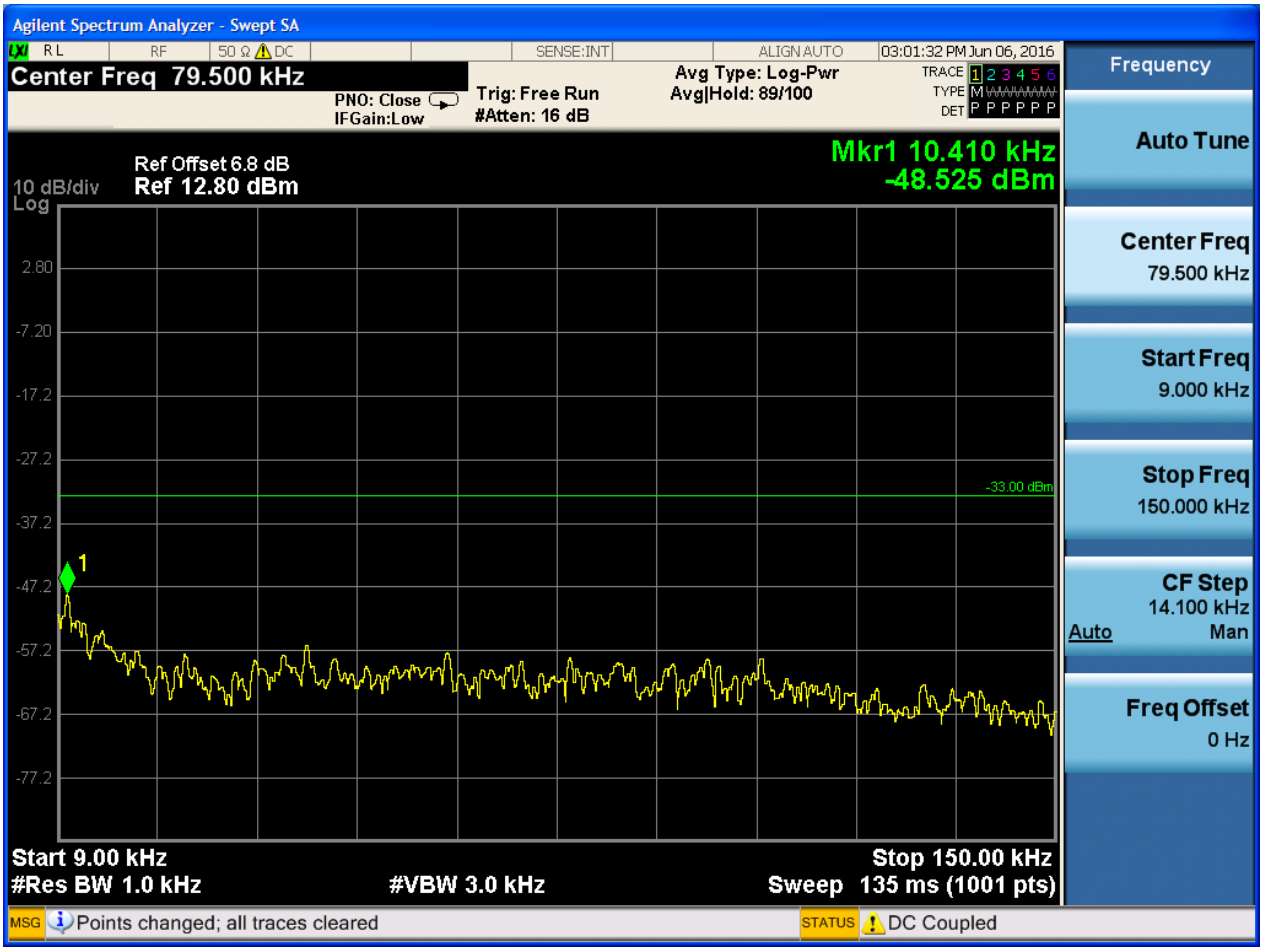


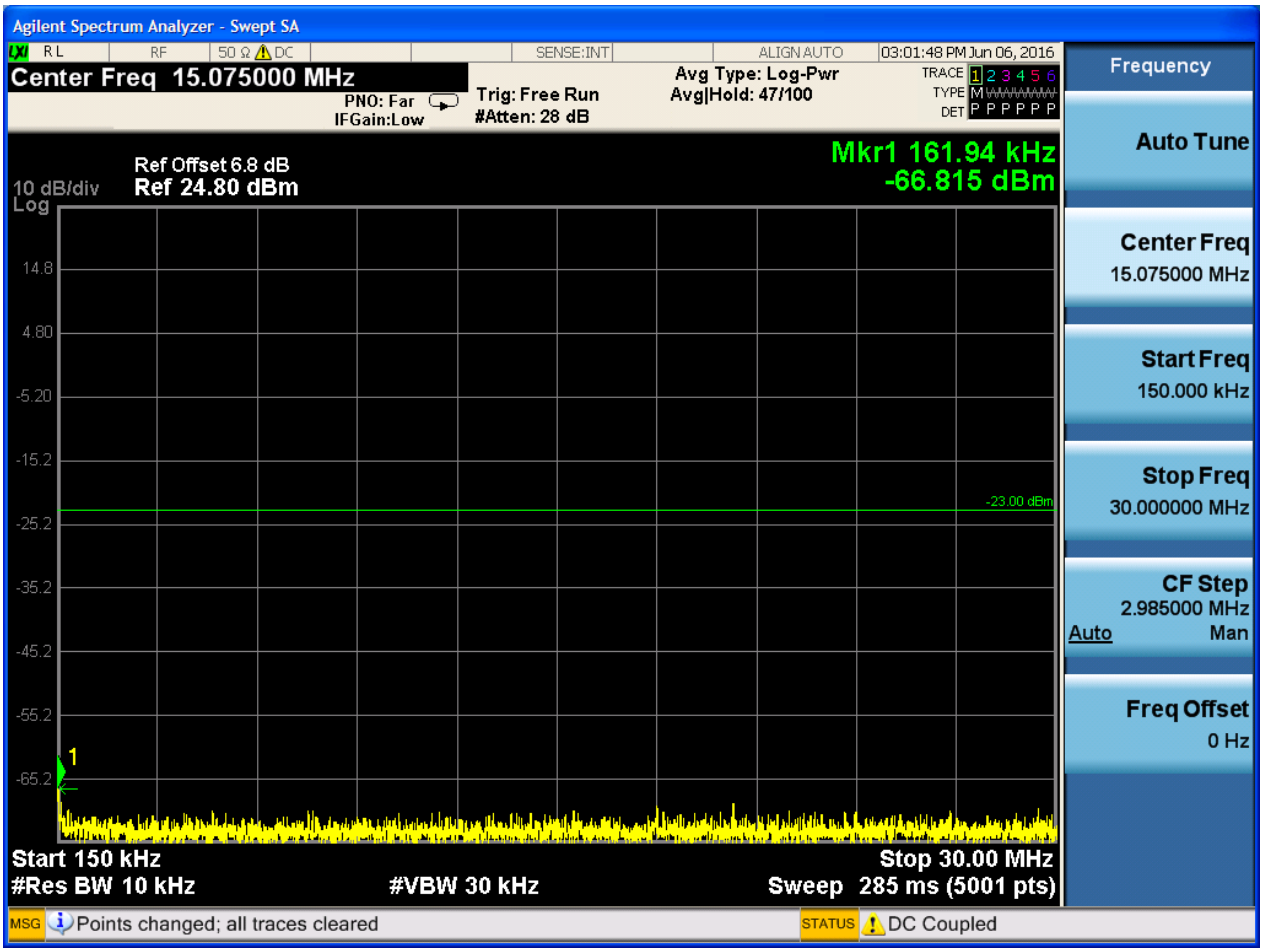


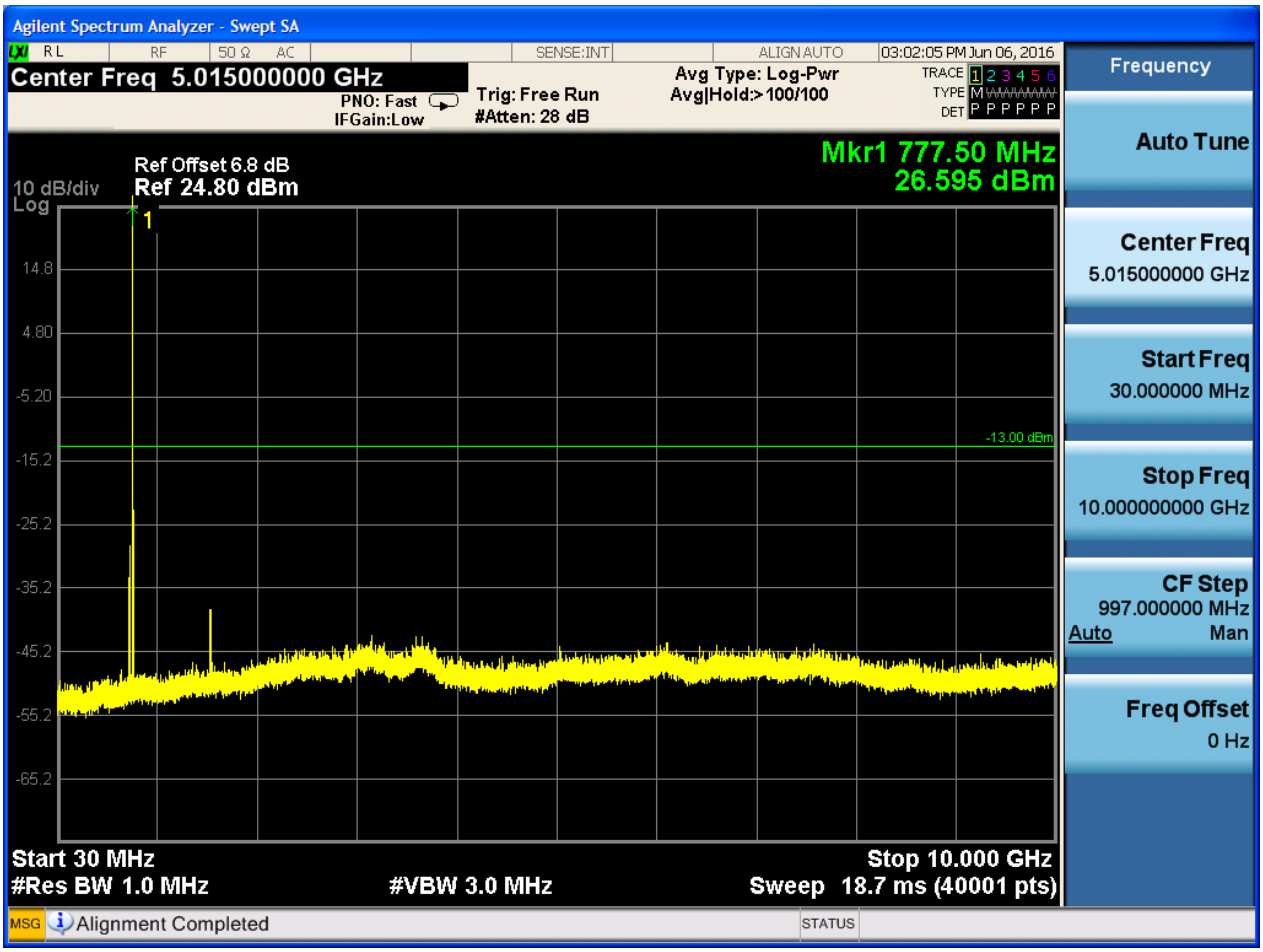
6.1.1.1.2 Test Bandwidth = 10

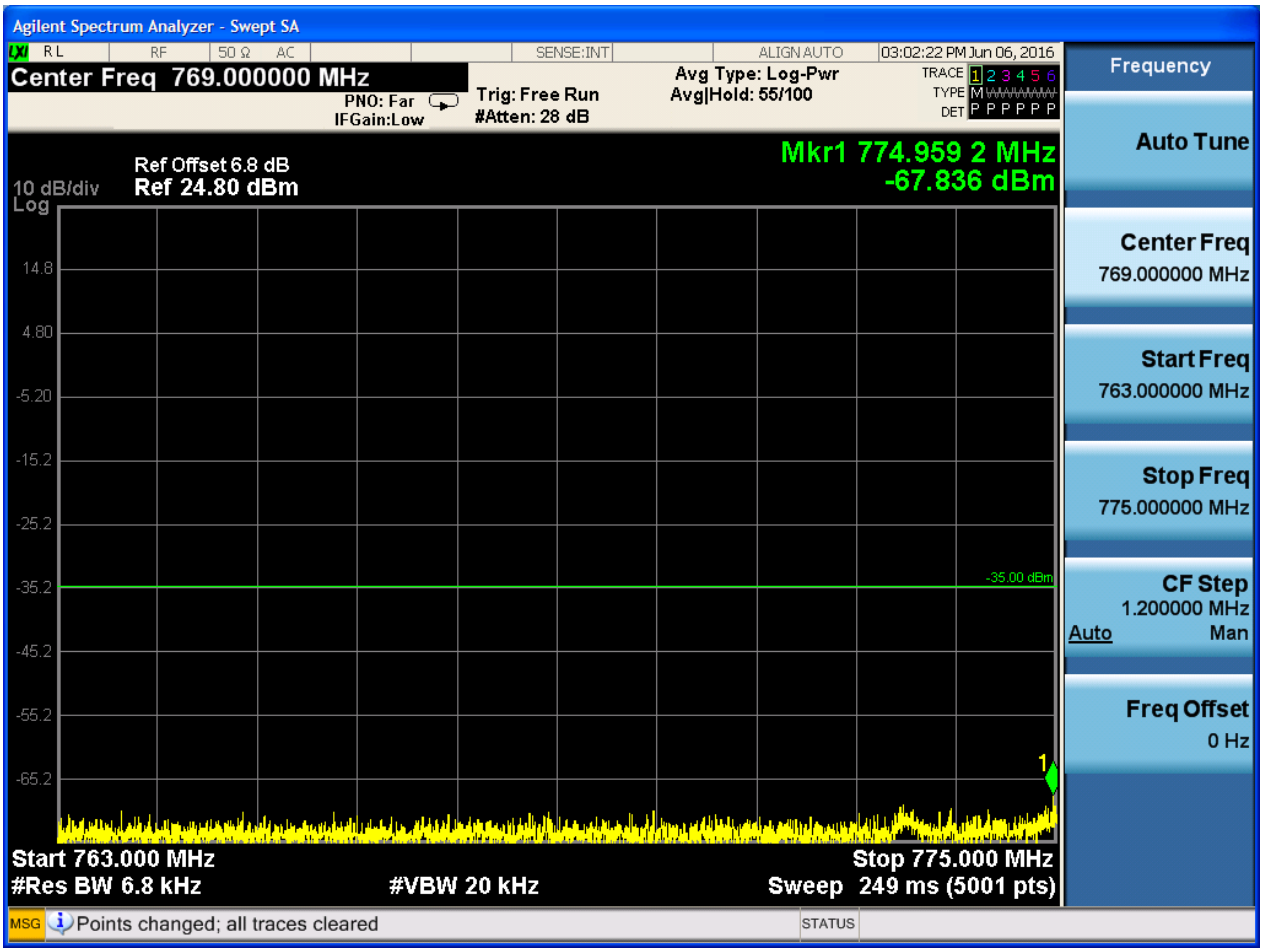
6.1.1.1.2.1 Test Channel = LCH

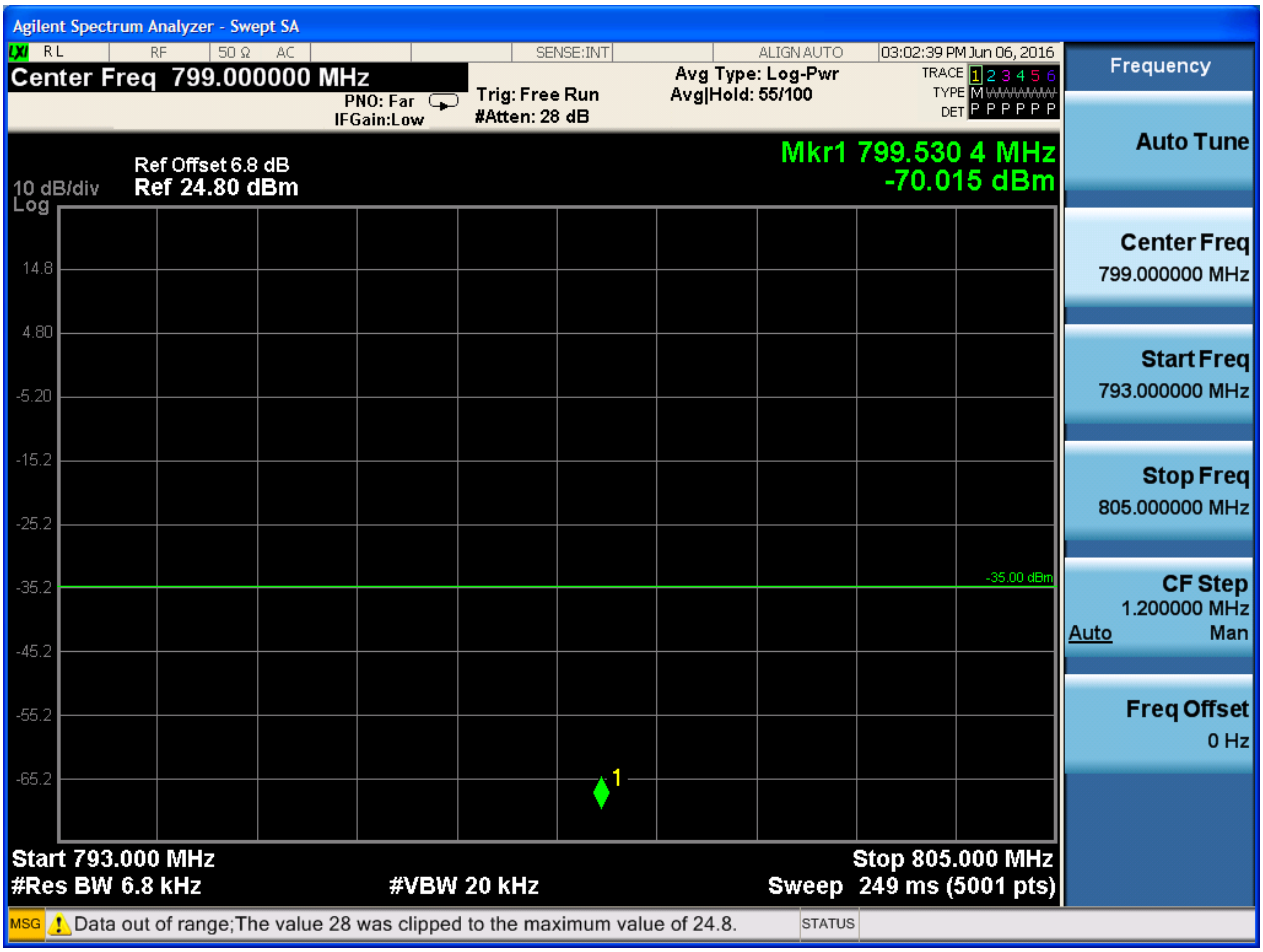
6.1.1.1.2.1.1 Test RB = RB1#0





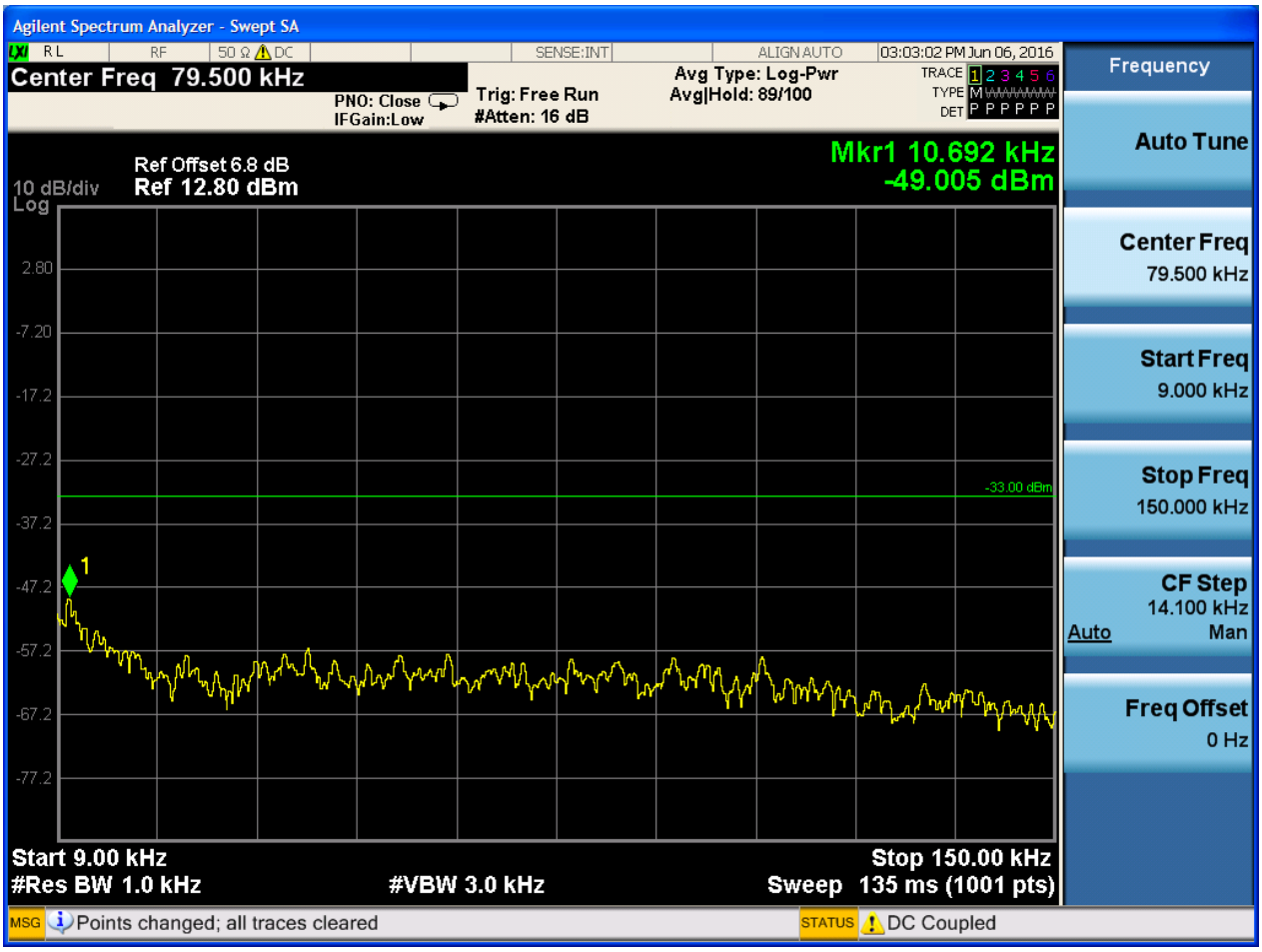


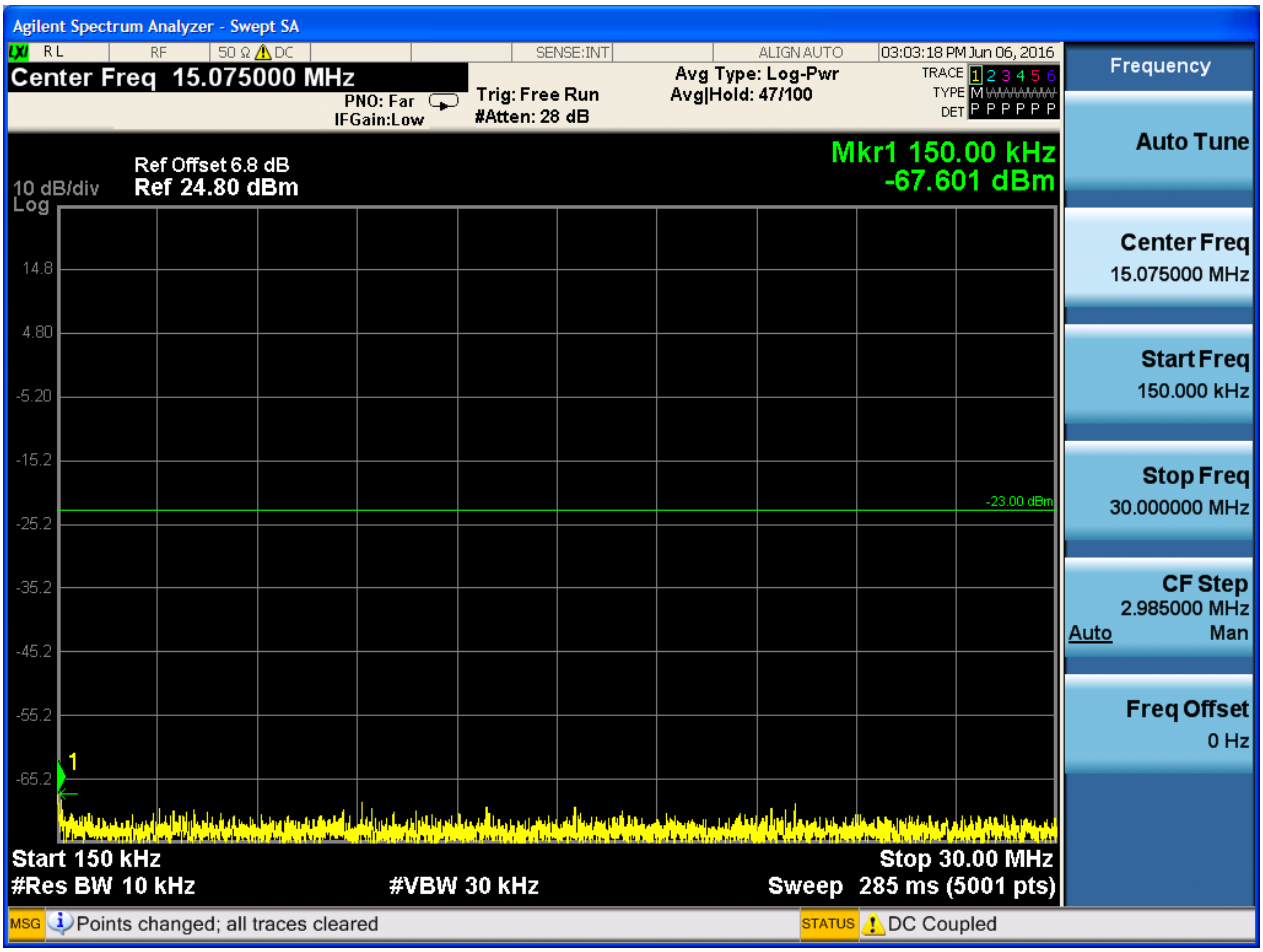


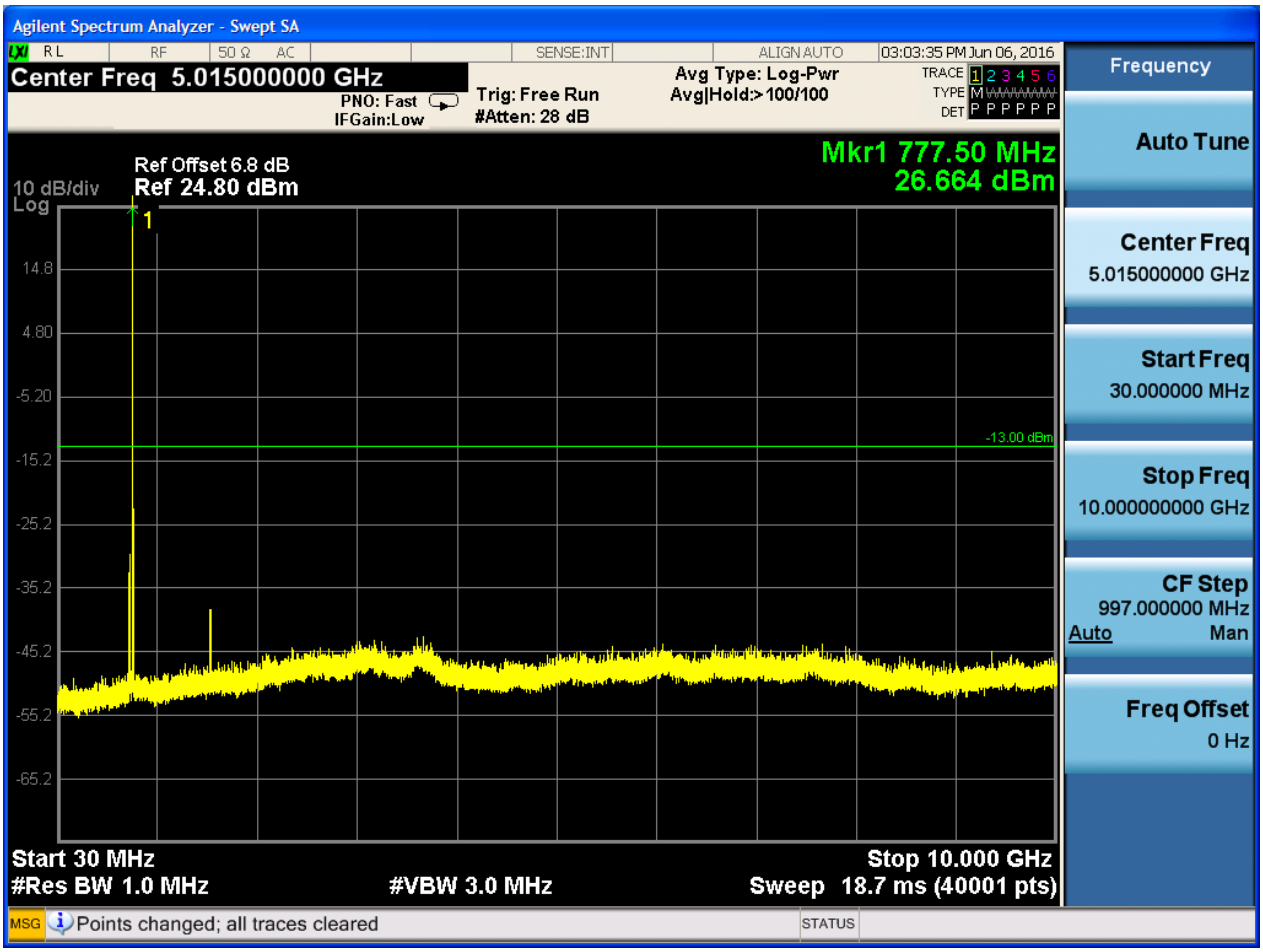


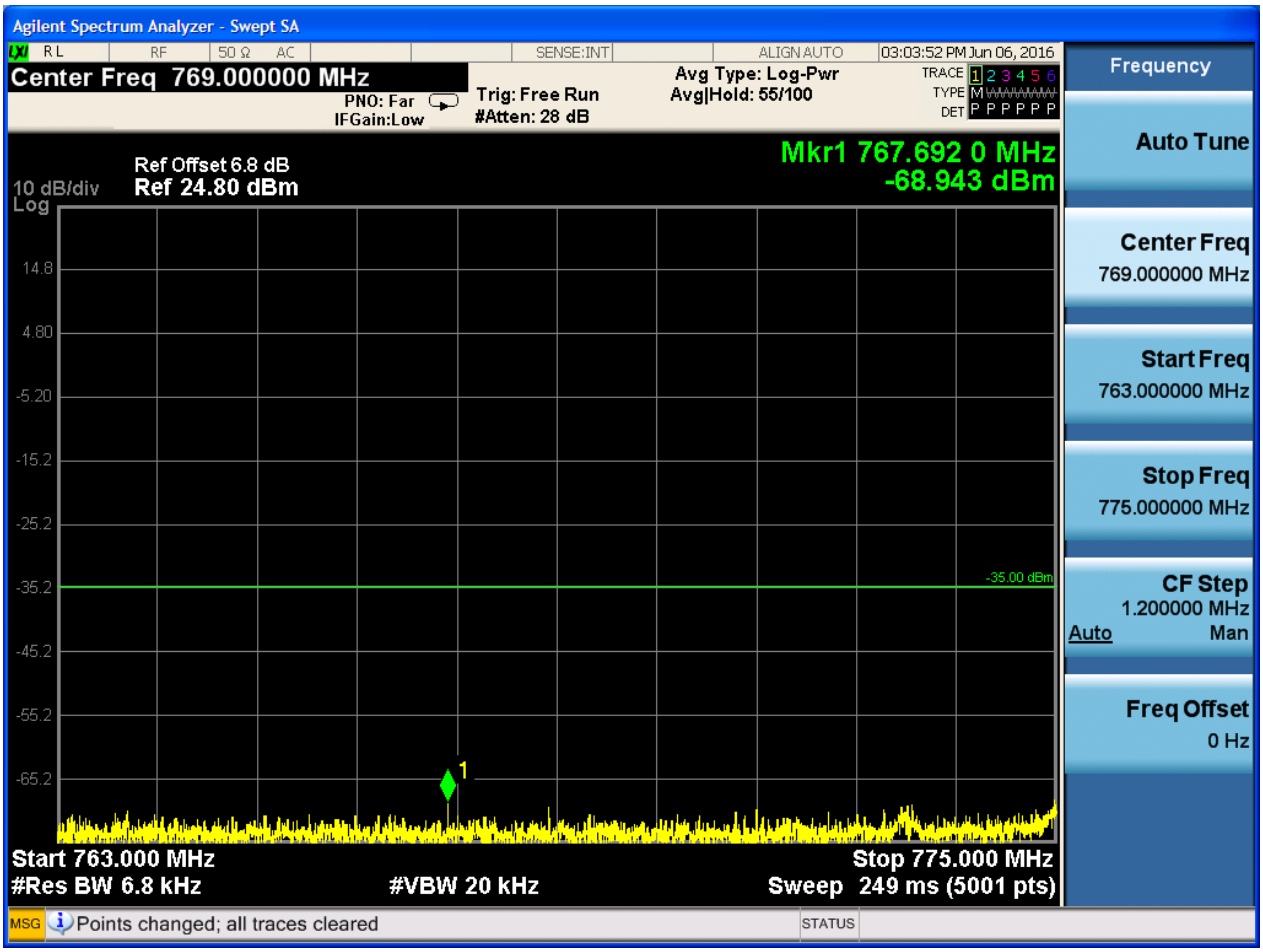
6.1.1.1.2.2 Test Channel = MCH

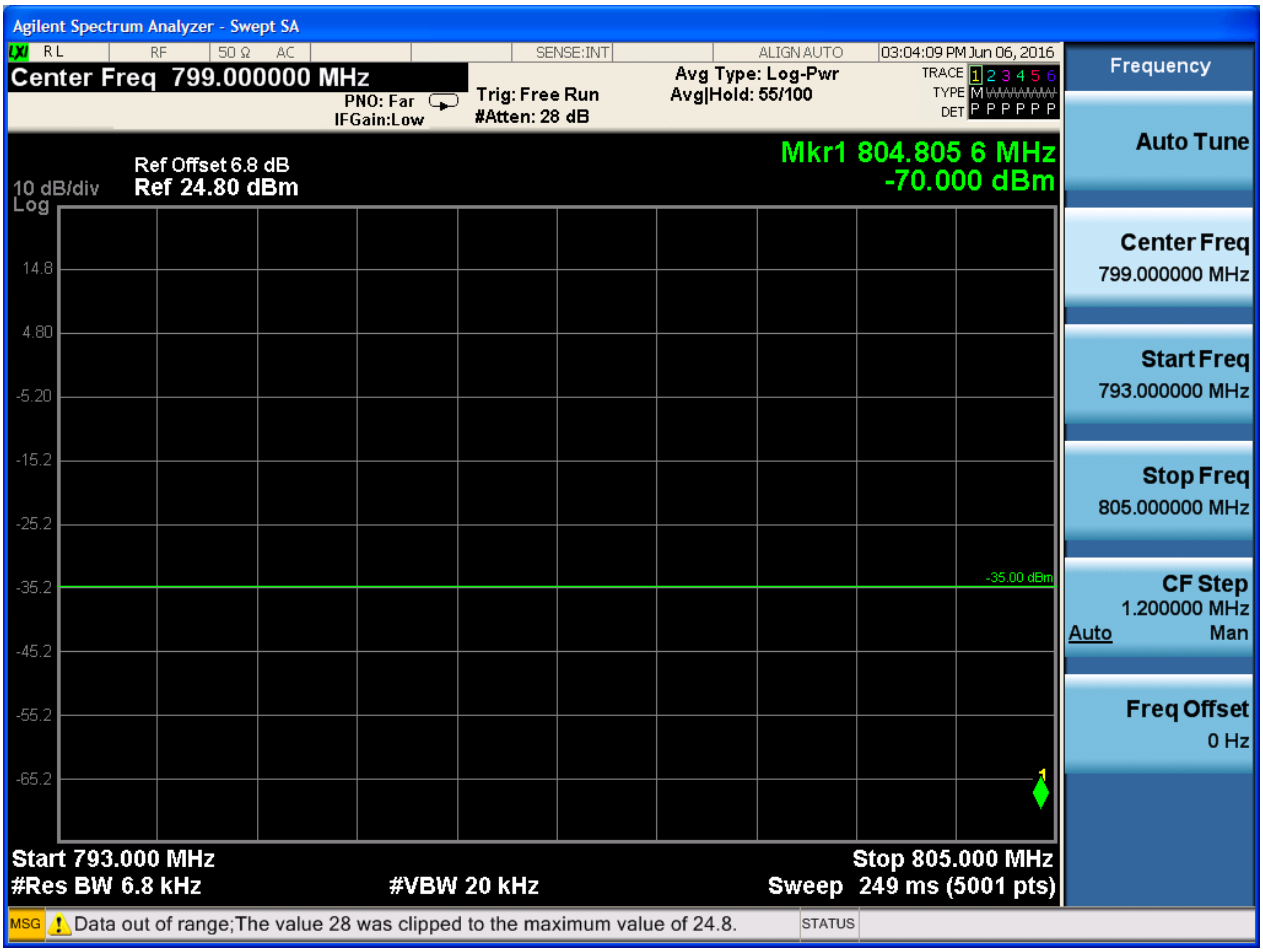
6.1.1.1.2.2.1 Test RB = RB1#0





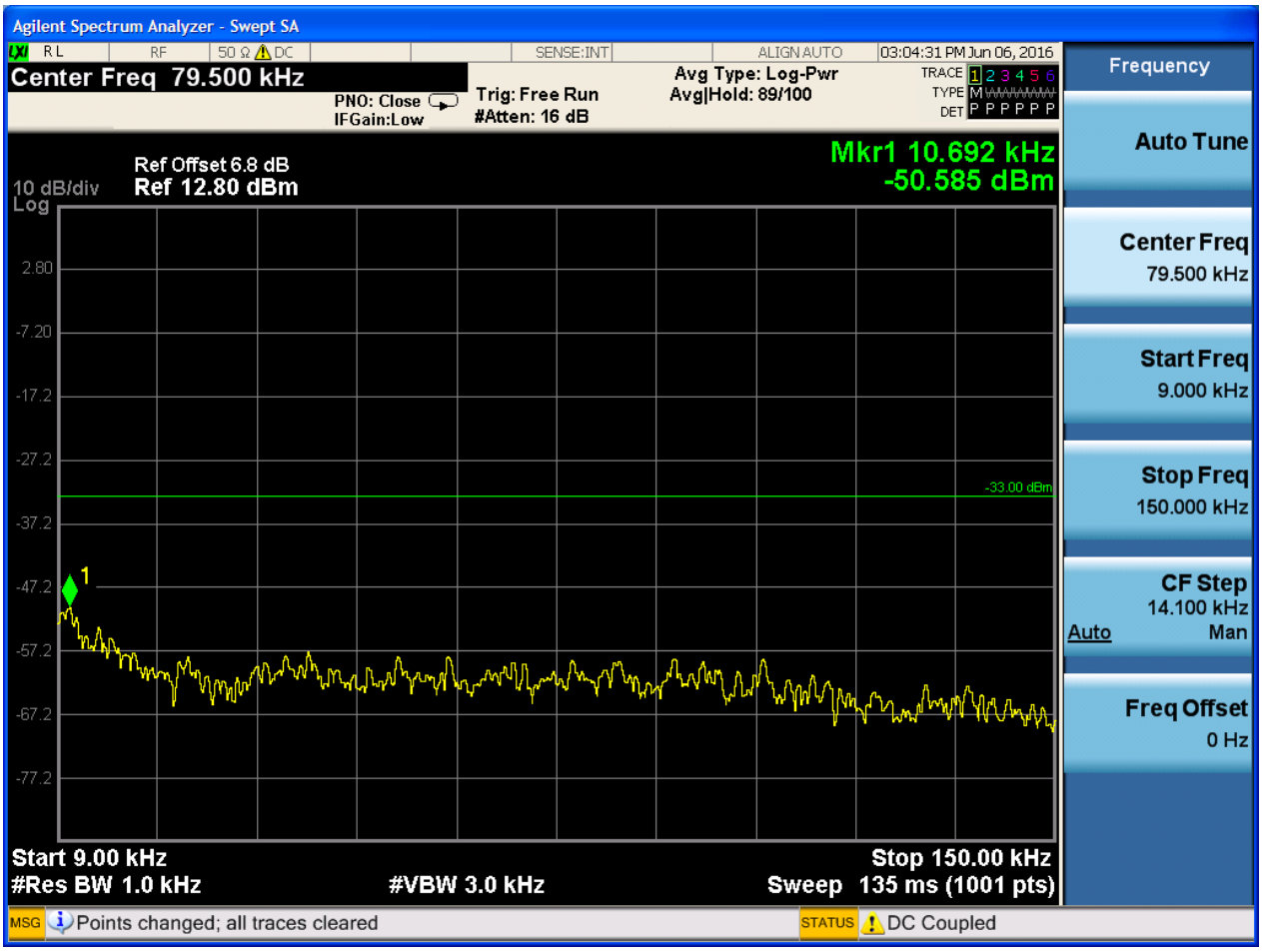


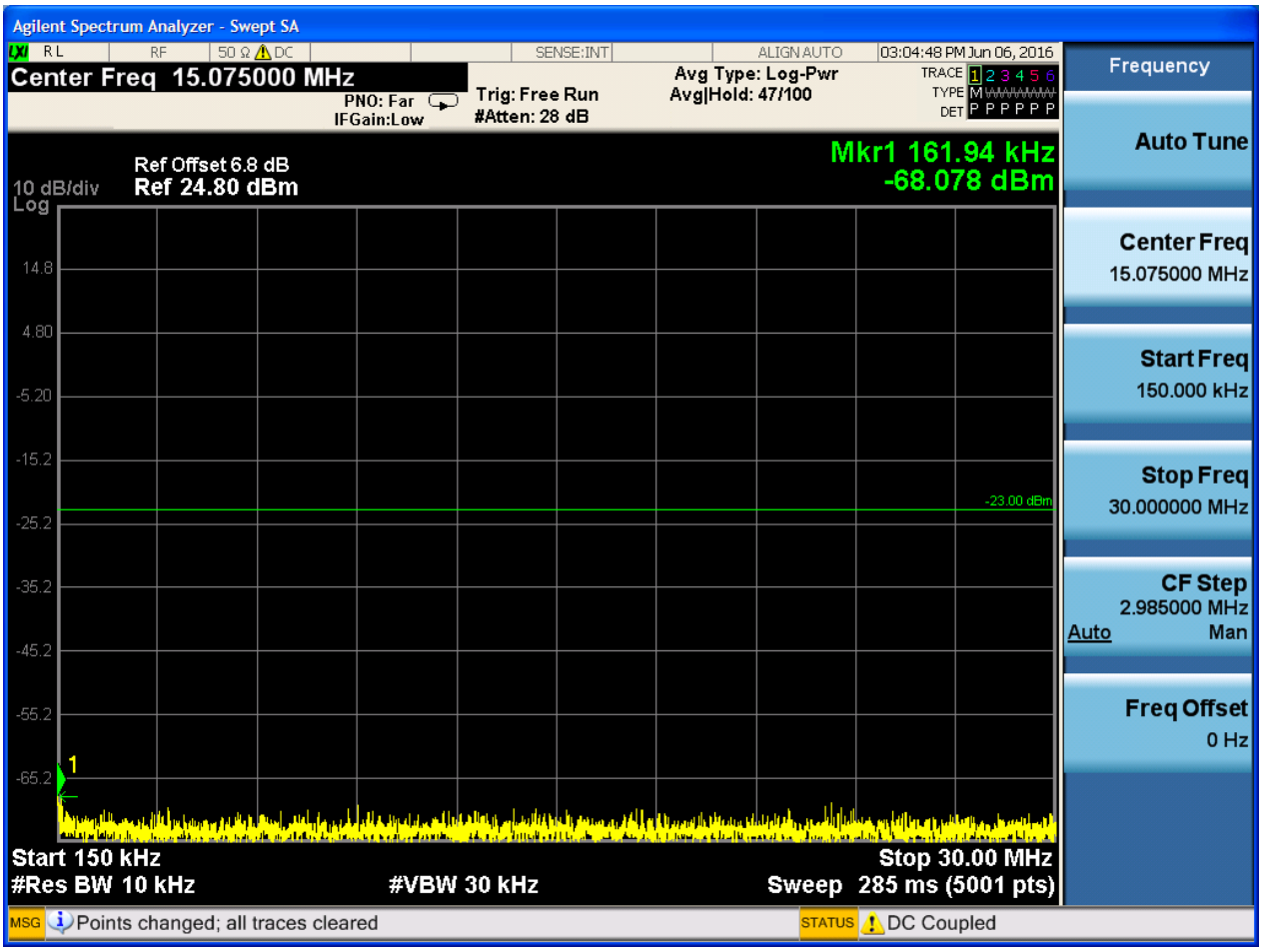


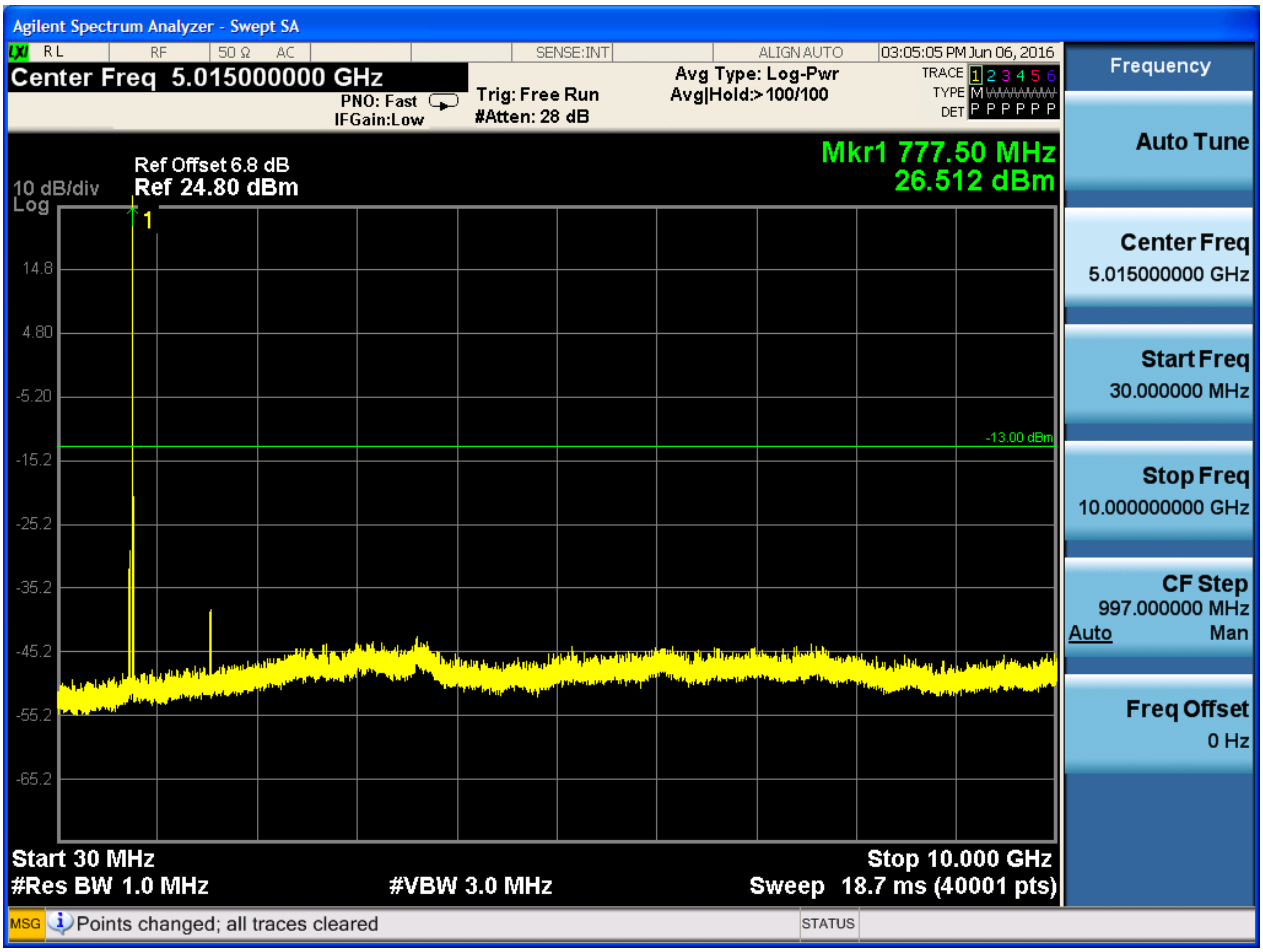


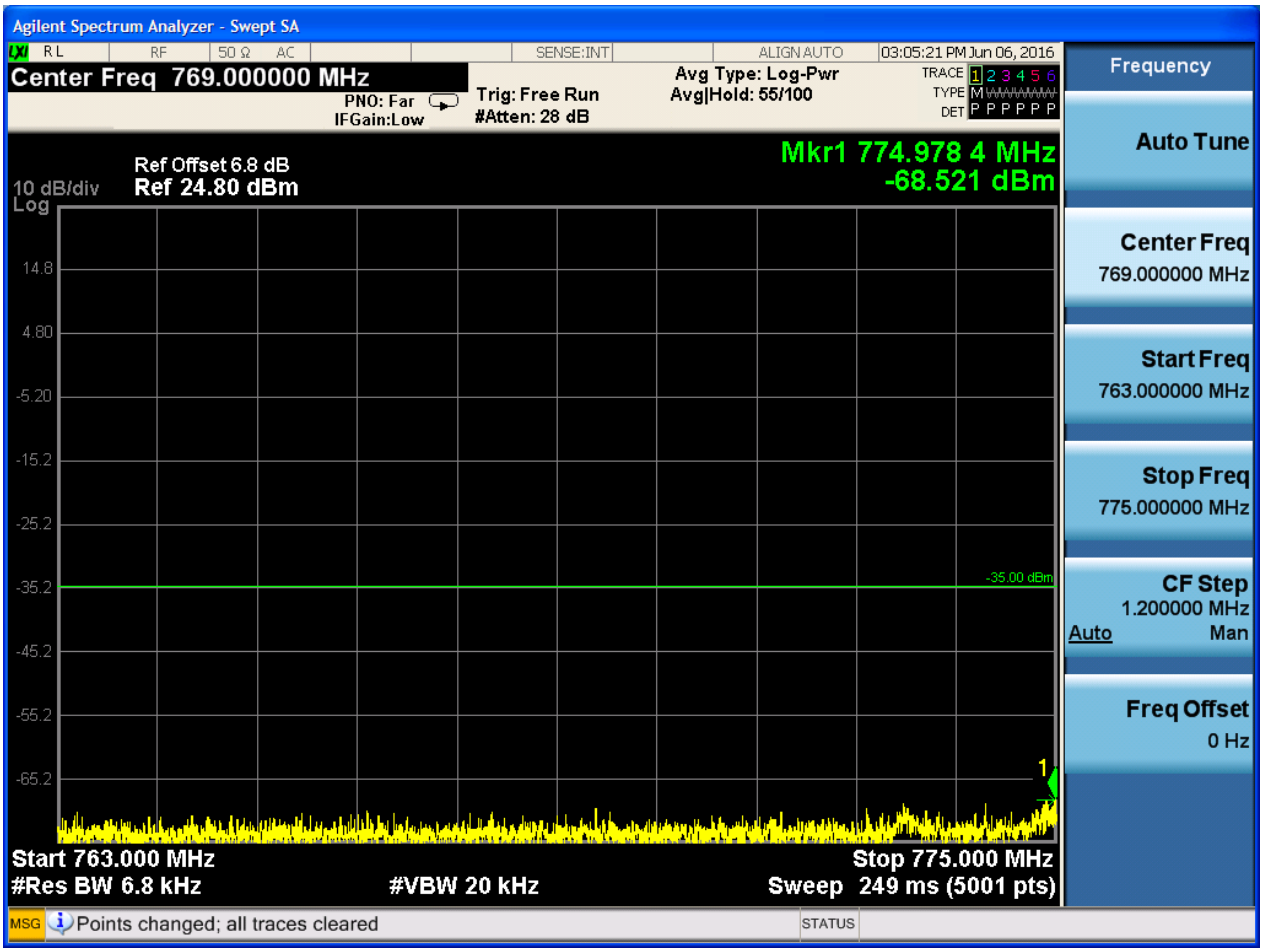
6.1.1.1.2.3 Test Channel = HCH

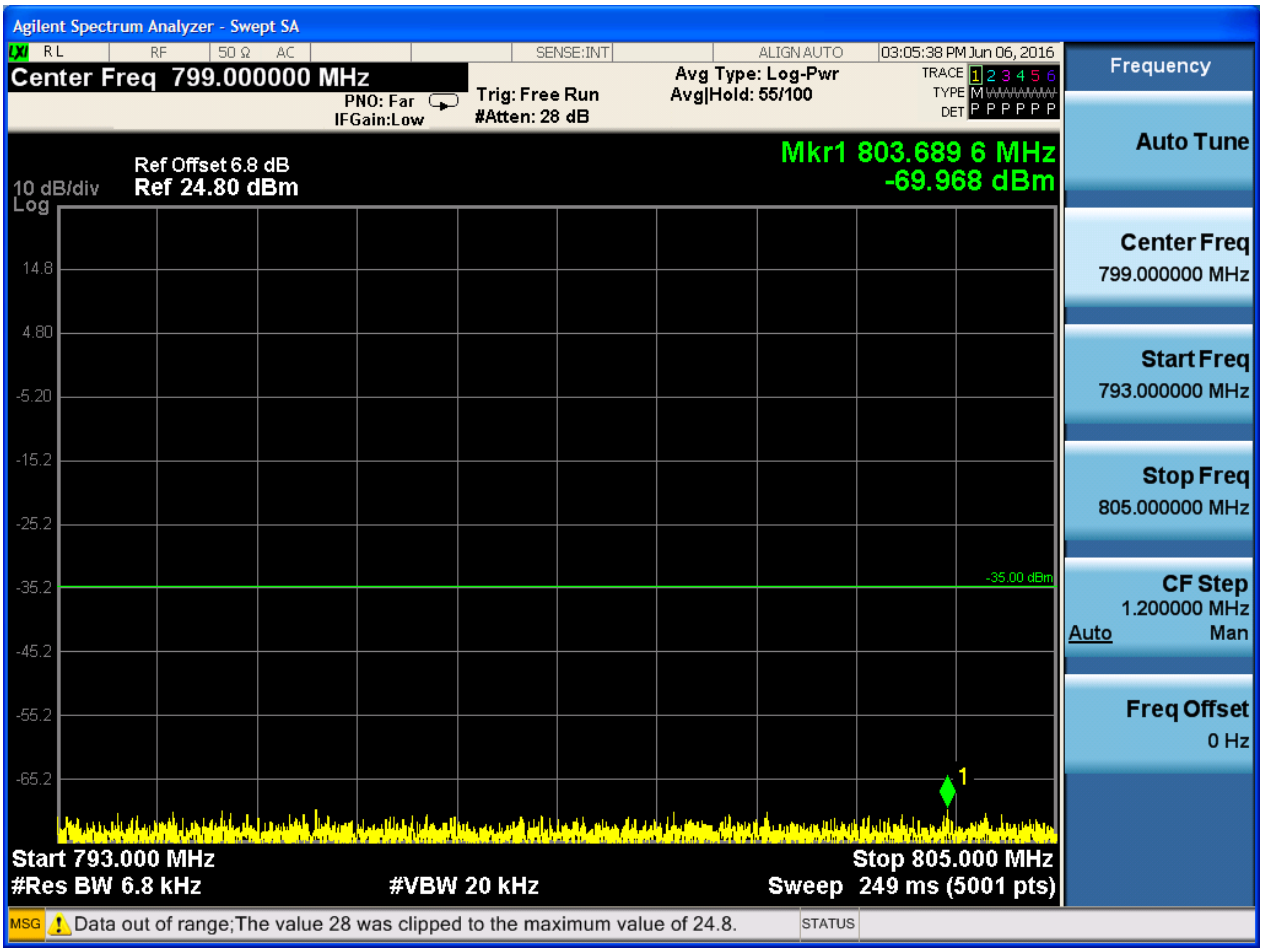
6.1.1.1.2.3.1 Test RB = RB1#0









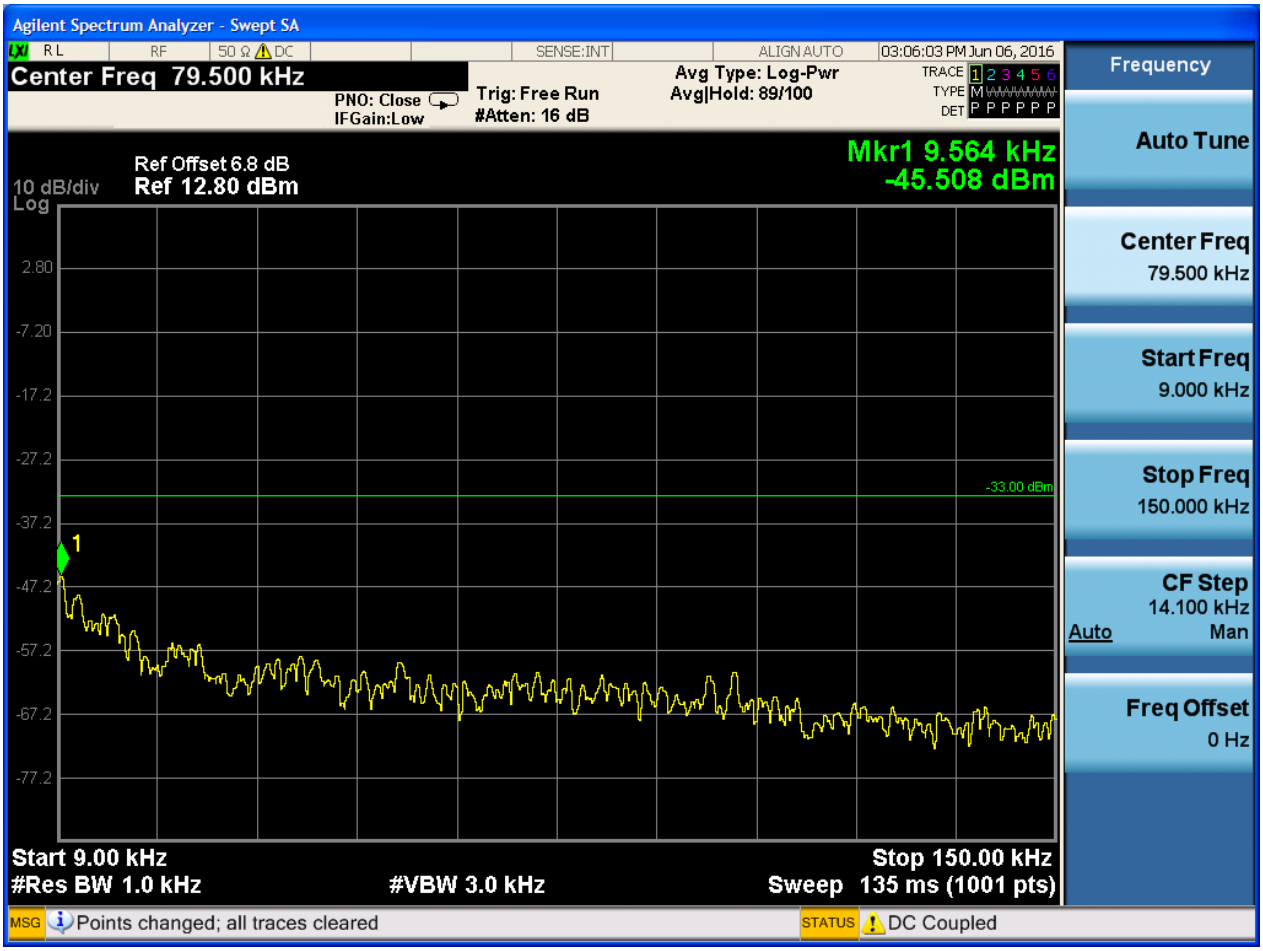


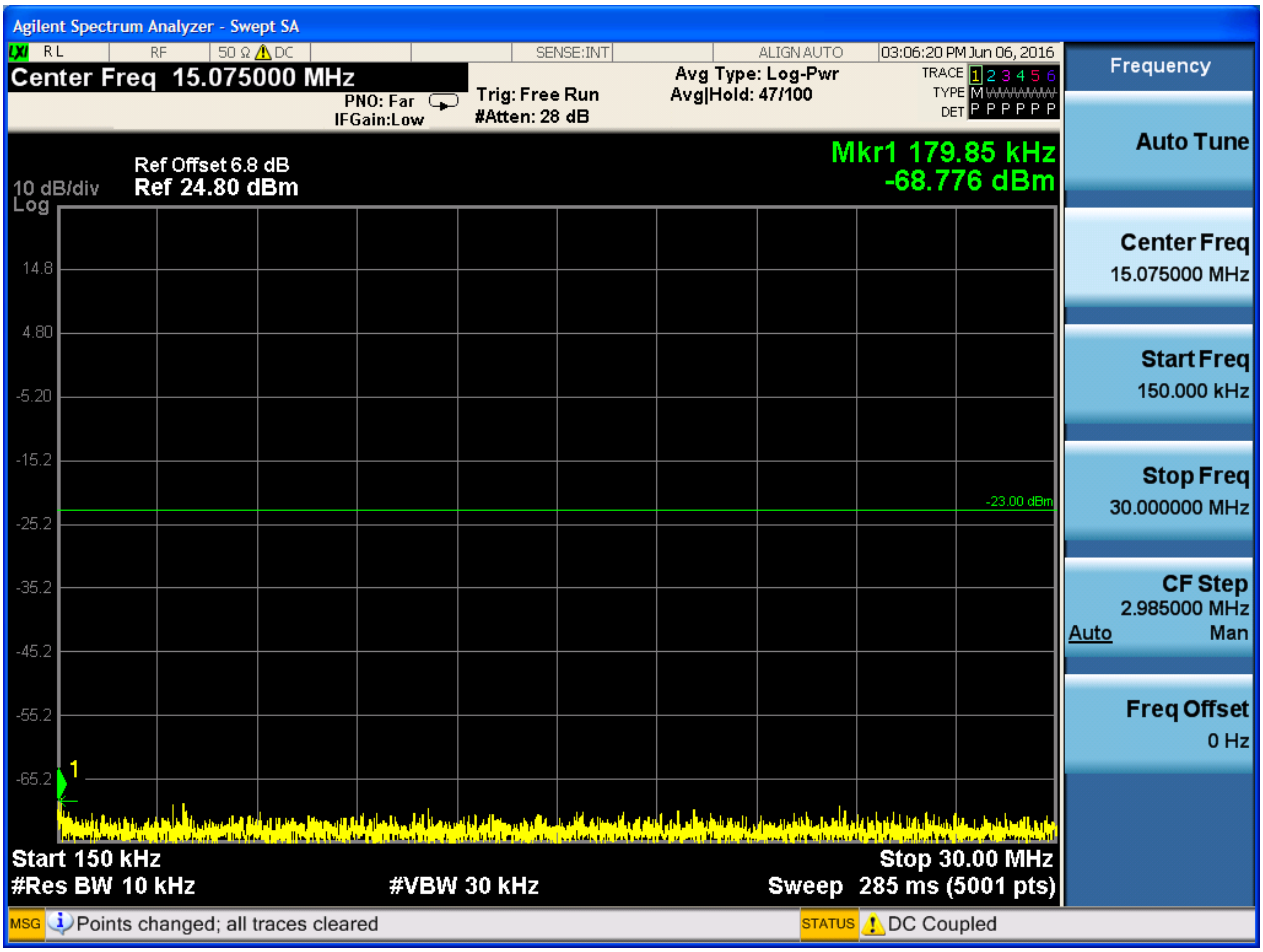
6.1.1.2 Test Mode = LTE/TM2

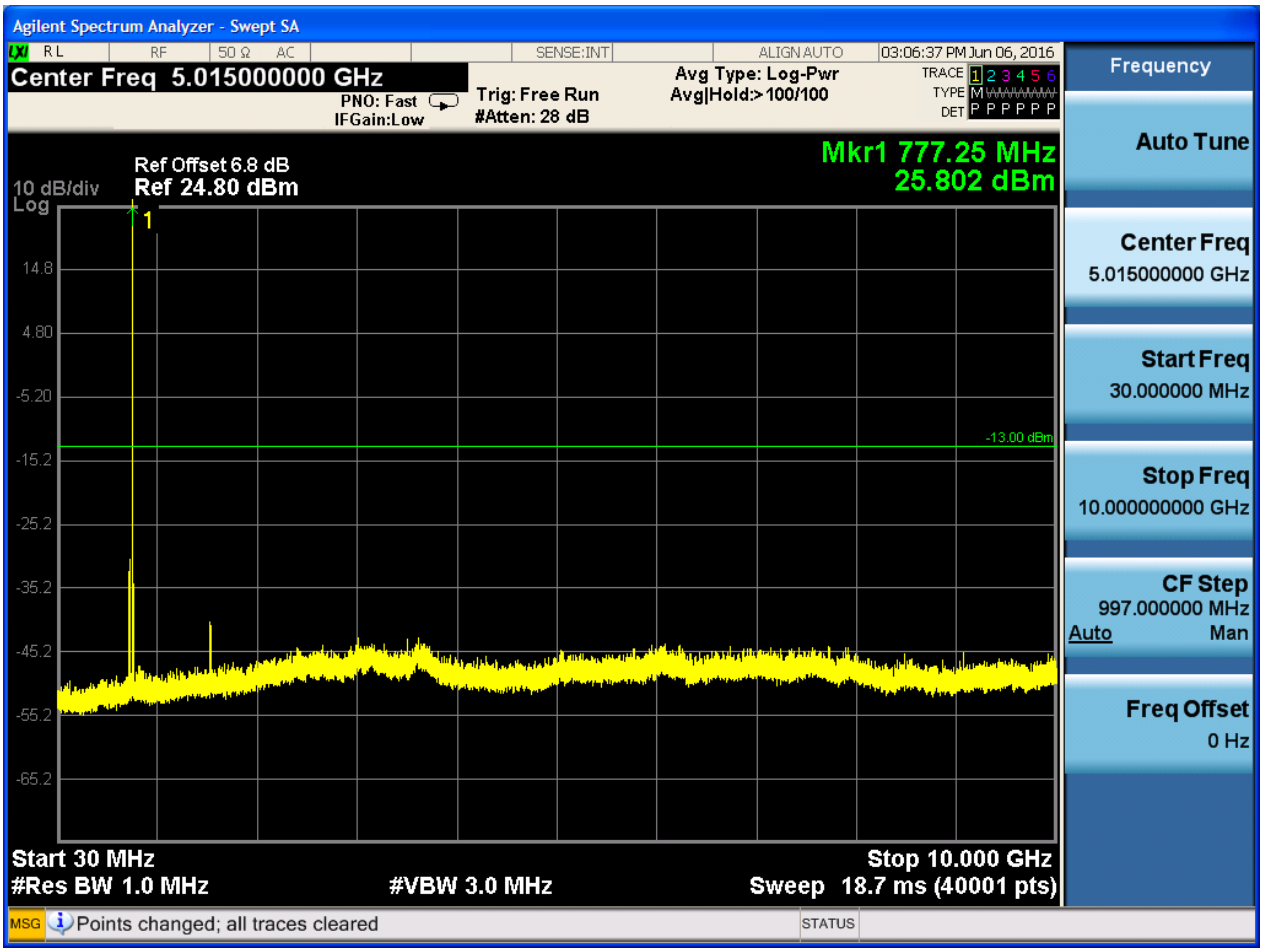
6.1.1.2.1 Test Bandwidth = 5

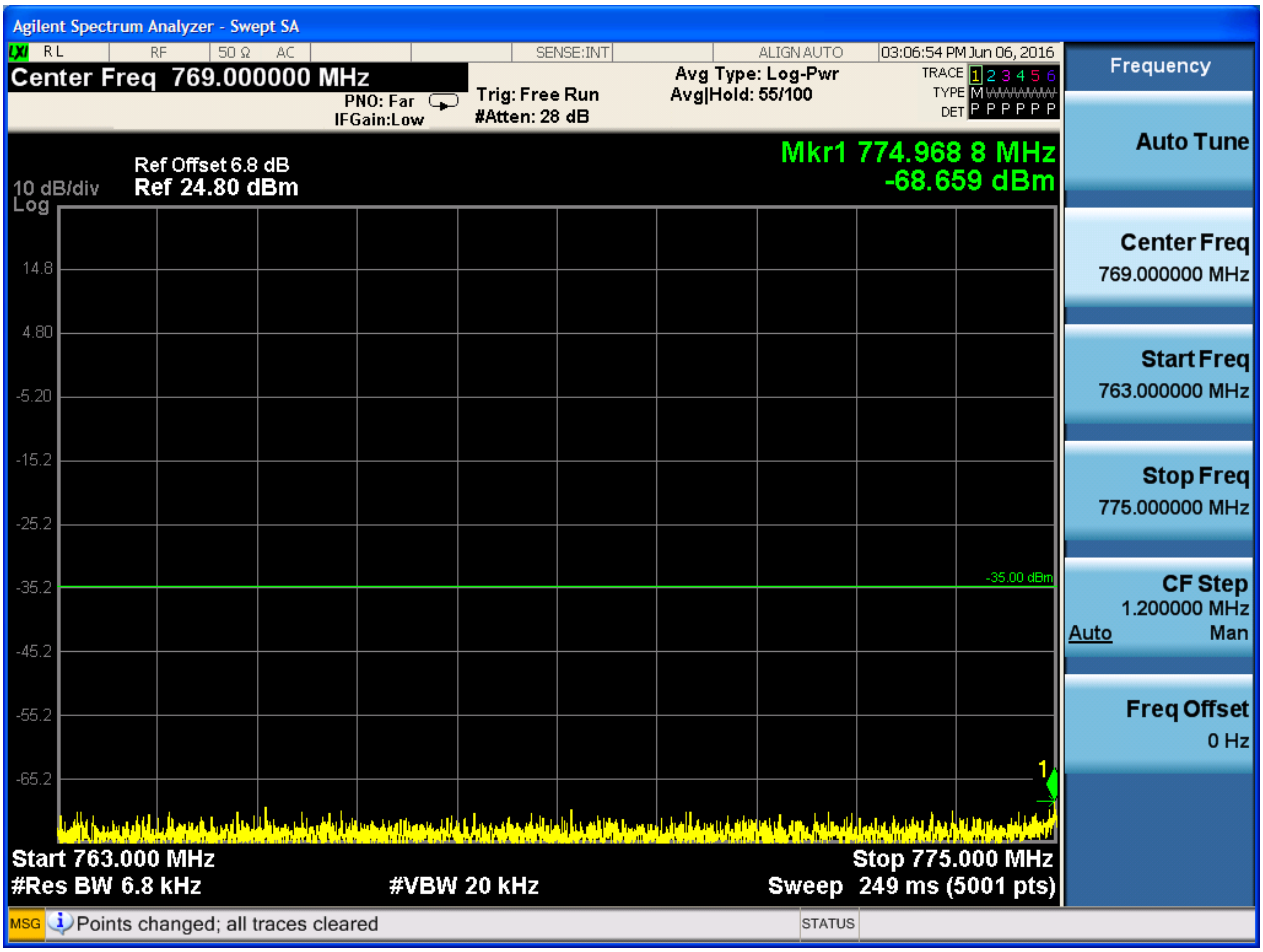
6.1.1.2.1.1 Test Channel = LCH

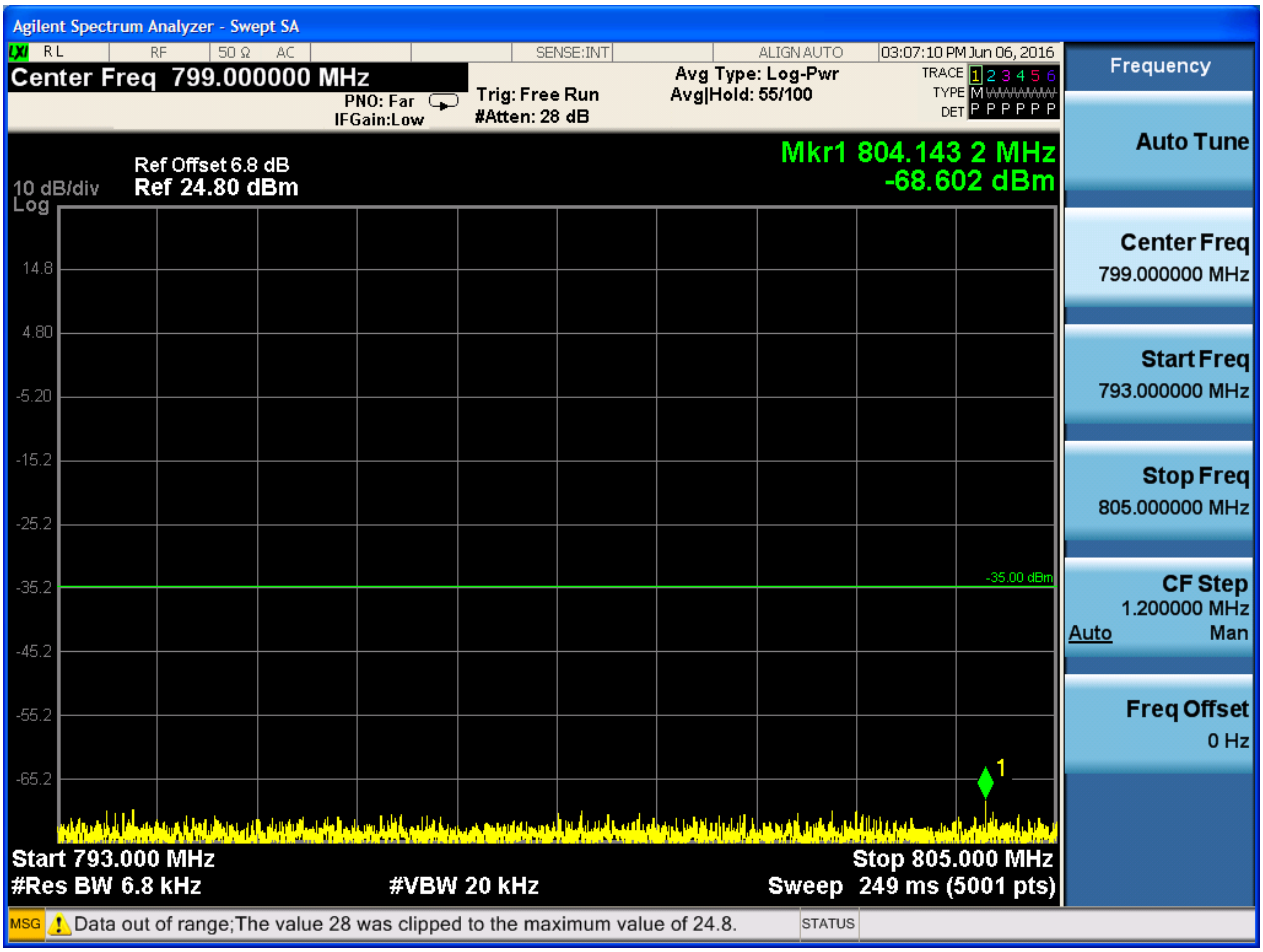
6.1.1.2.1.1.1 Test RB = RB1#0





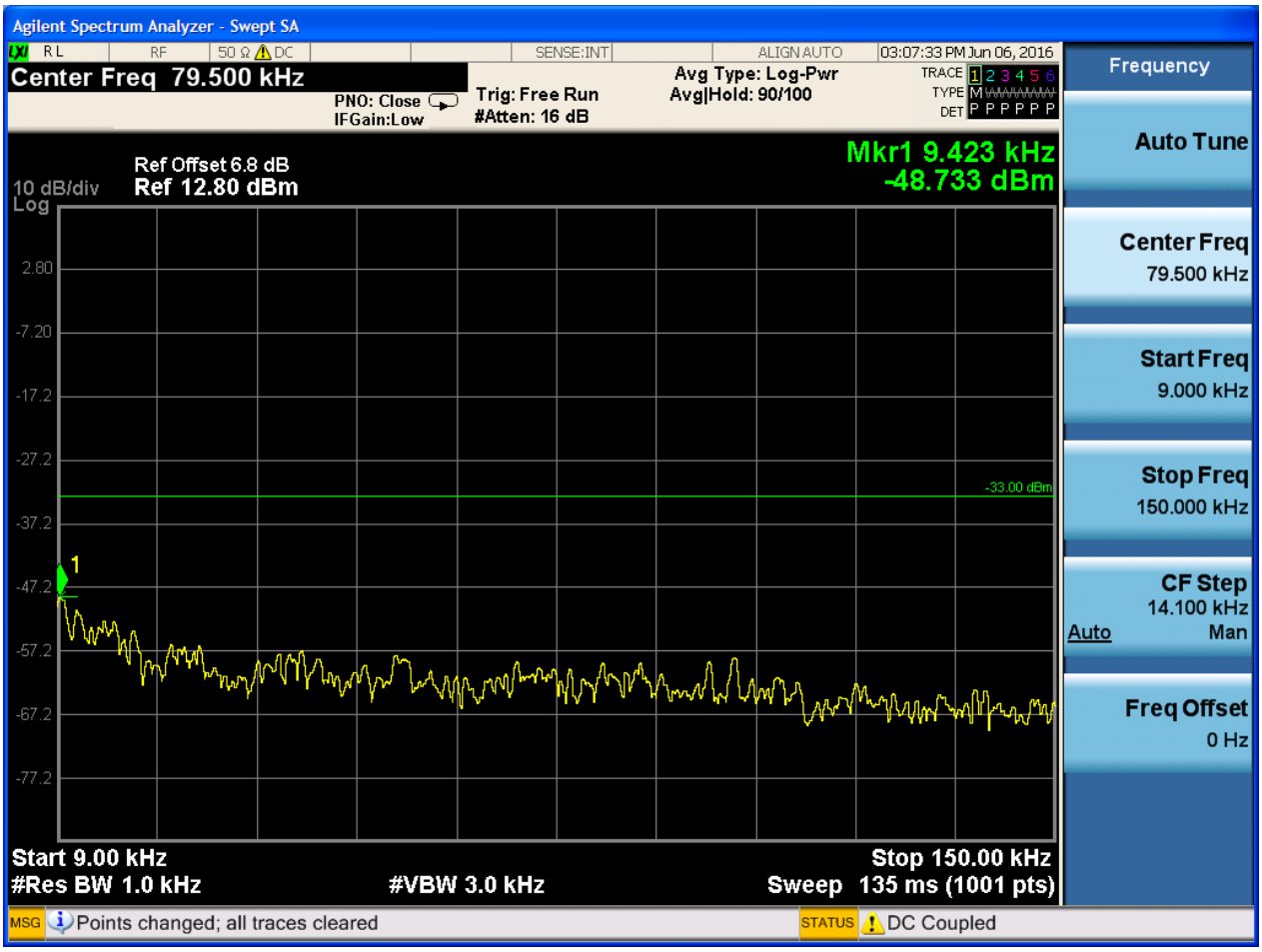


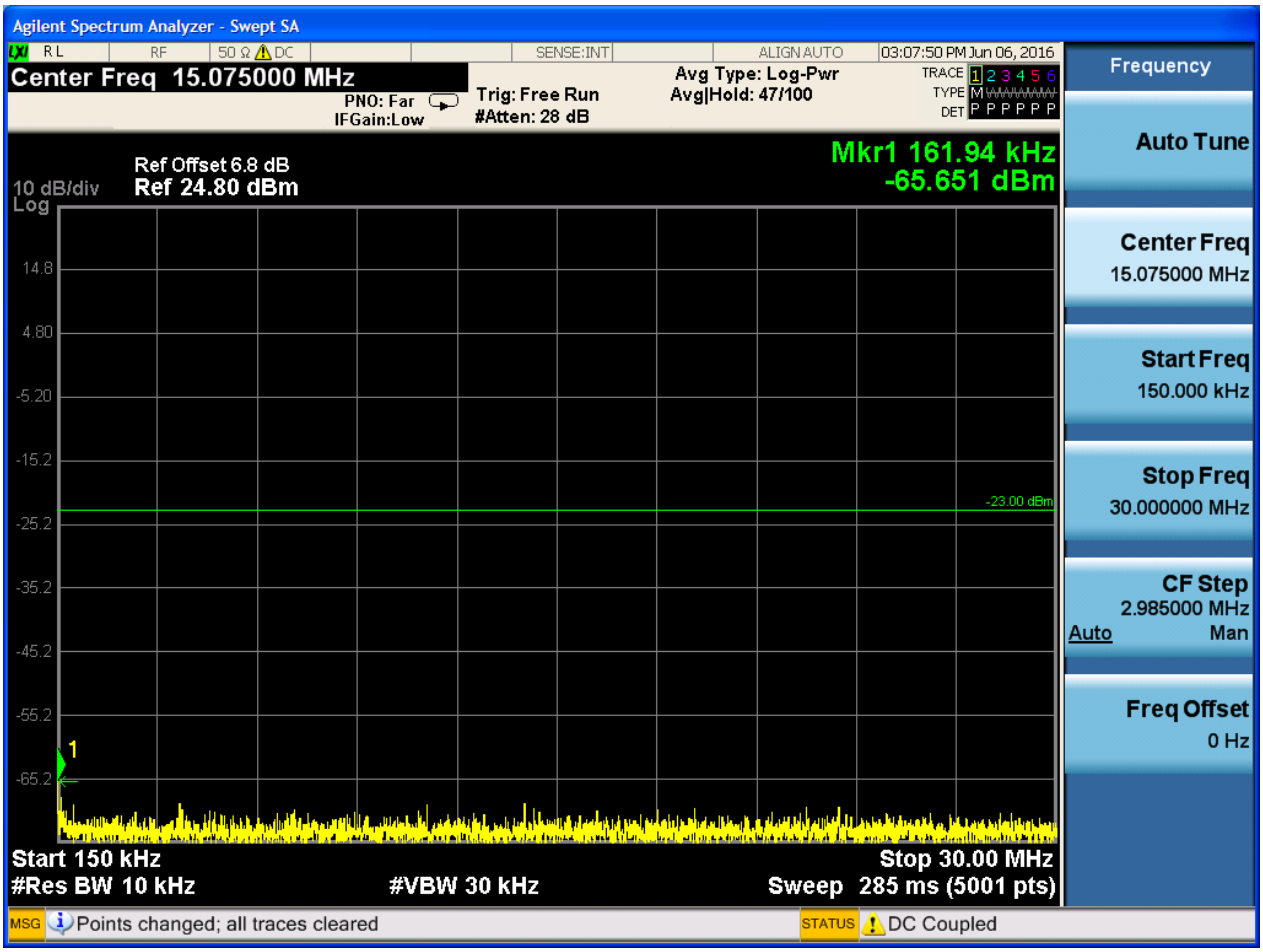


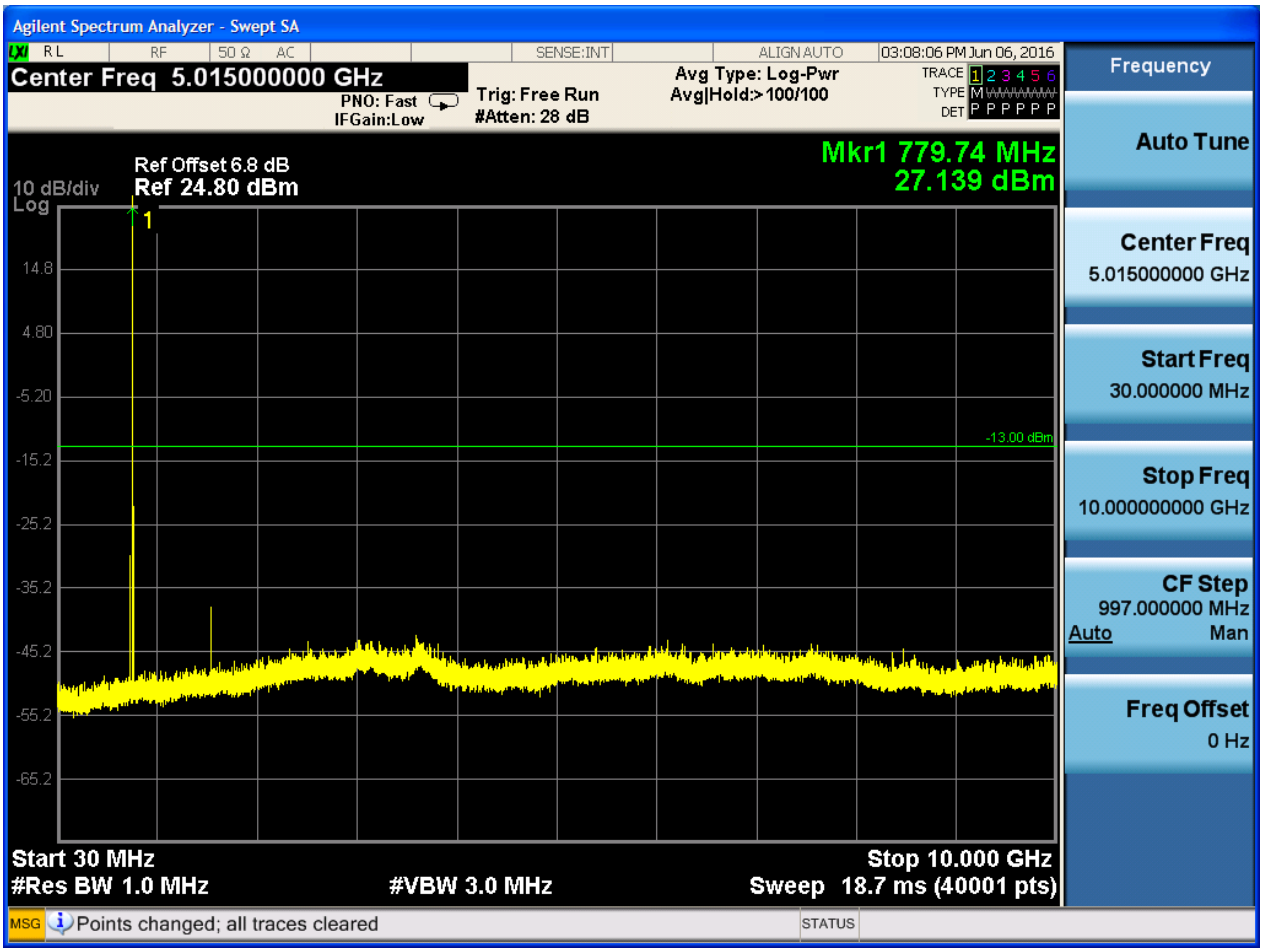


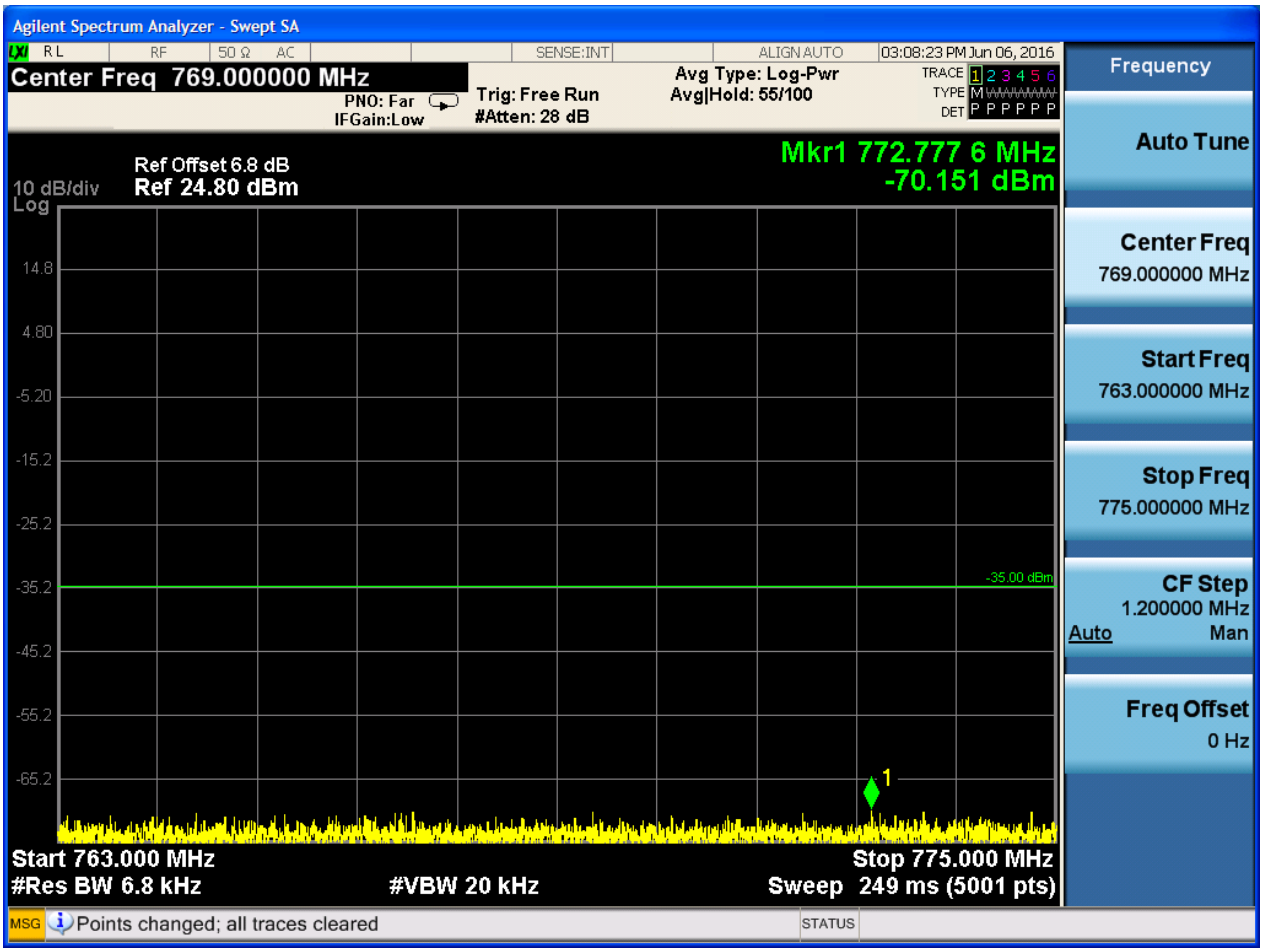
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



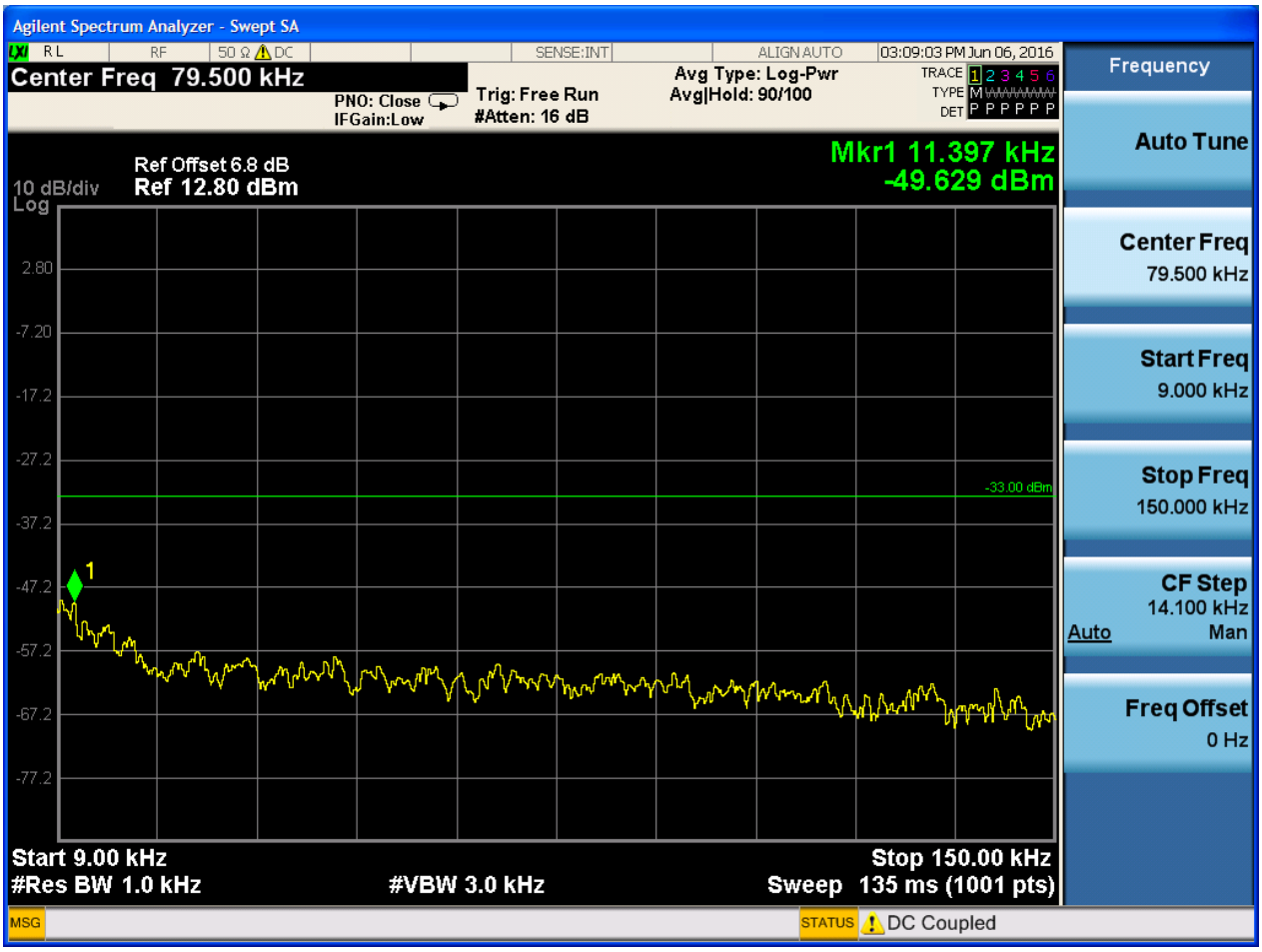


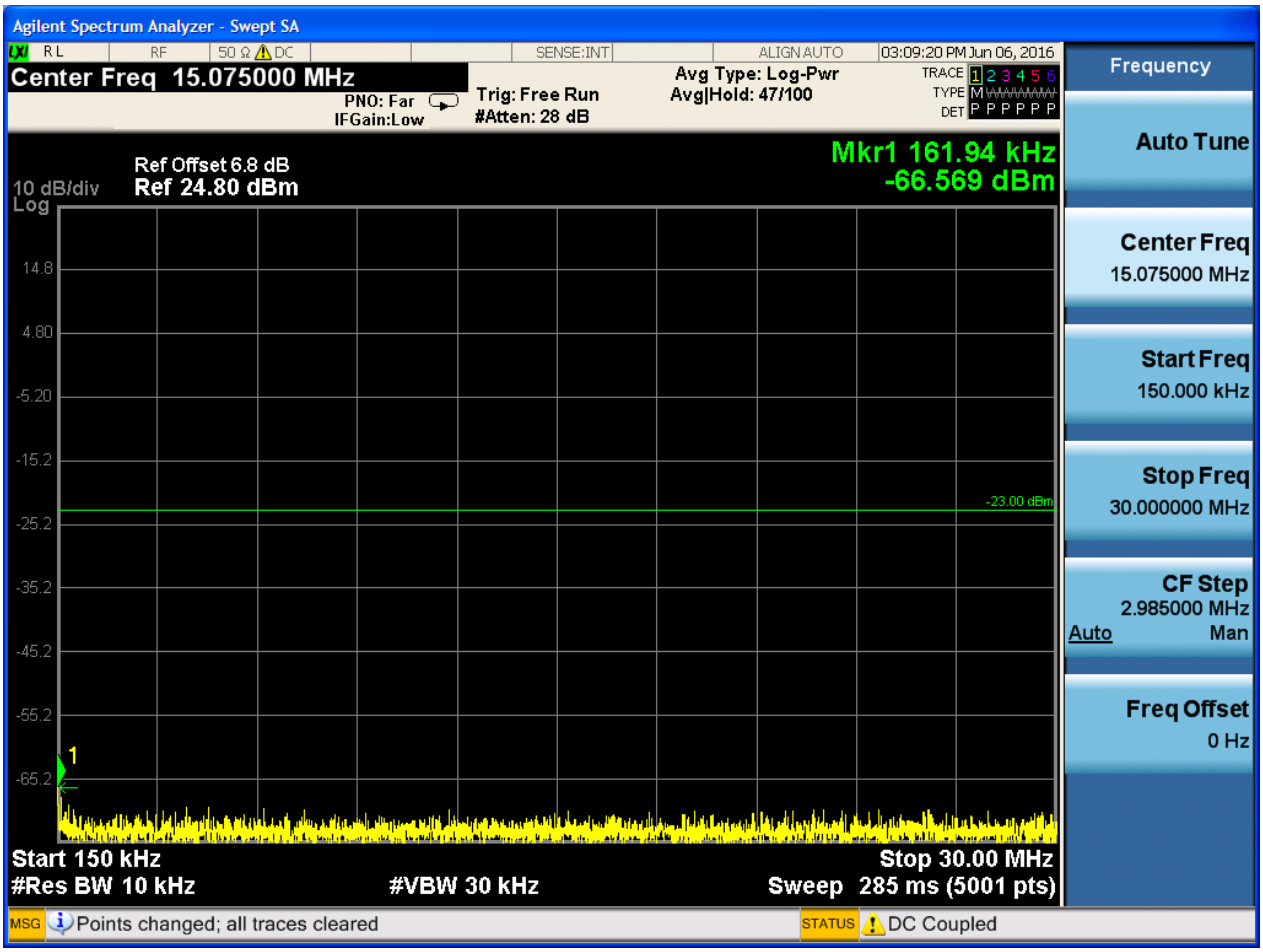


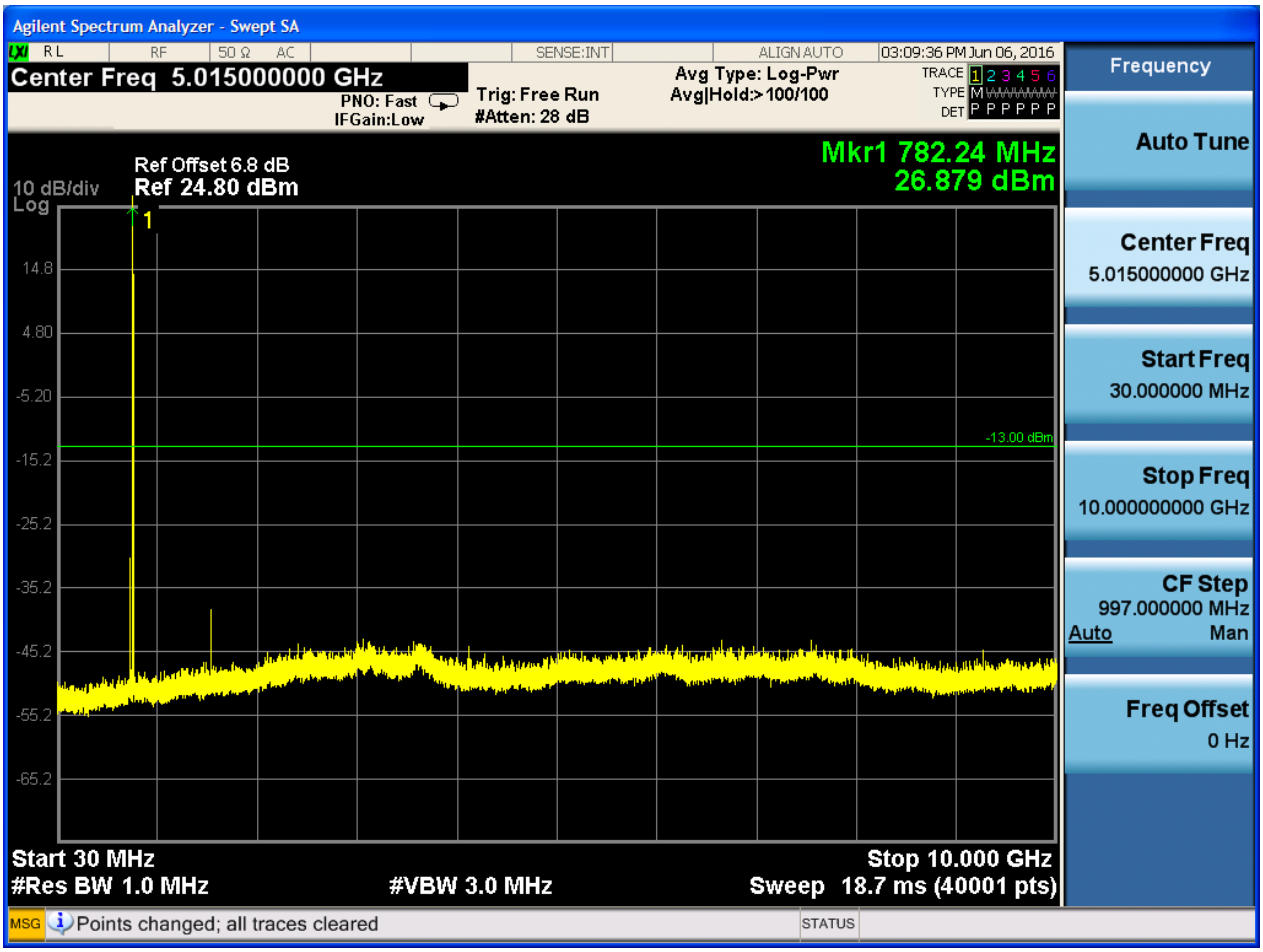


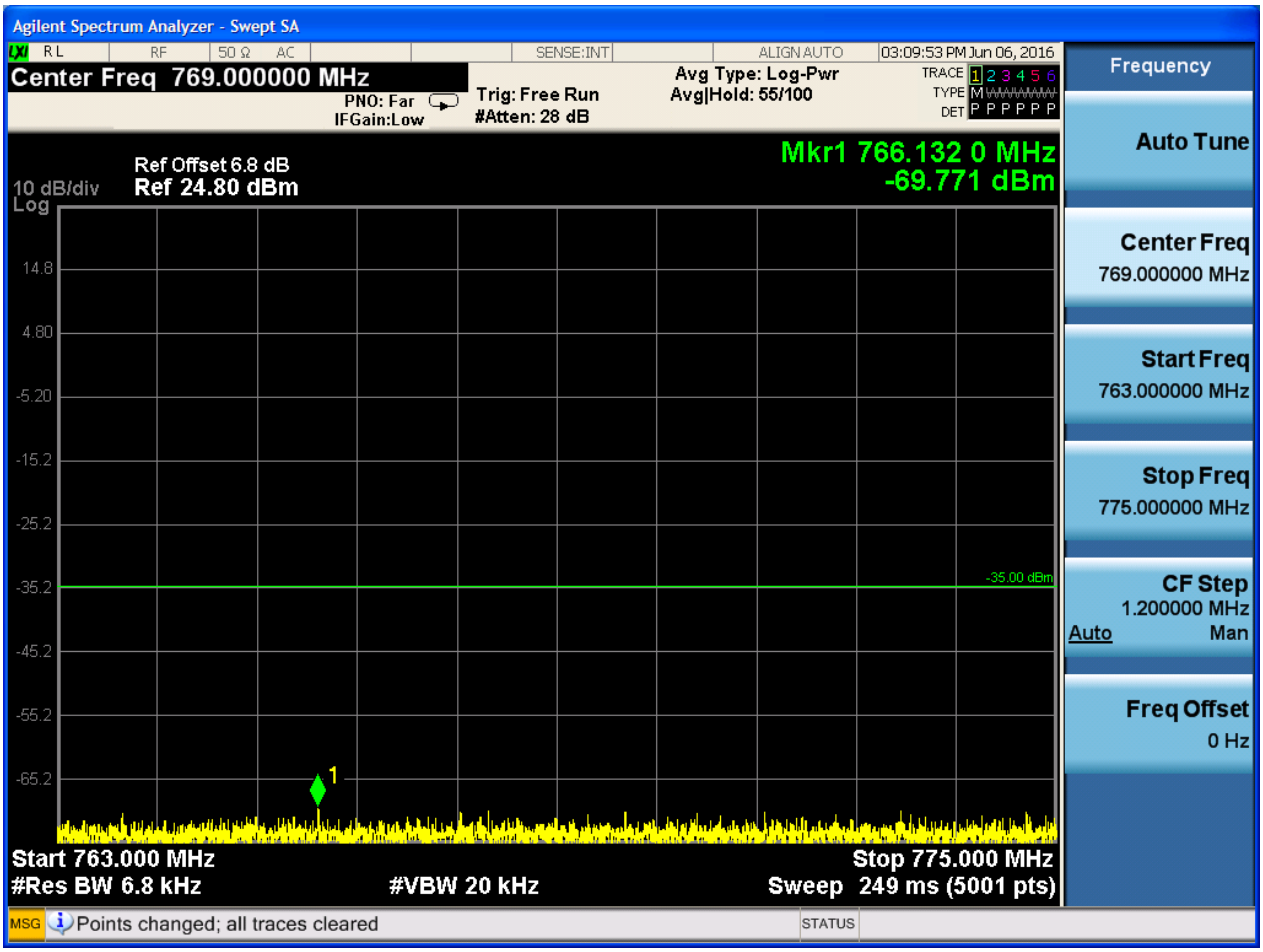
6.1.1.2.1.3 Test Channel = HCH

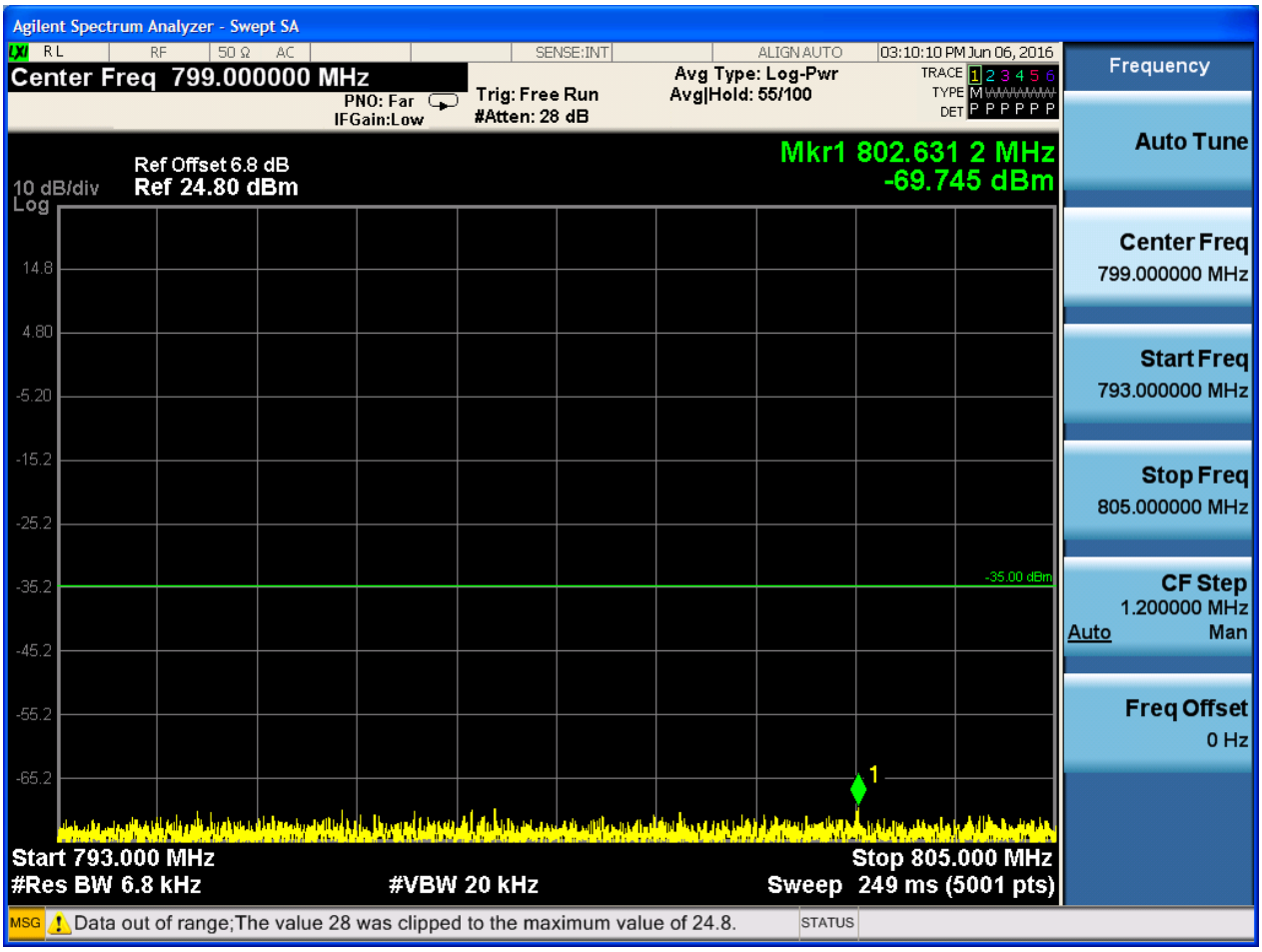
6.1.1.2.1.3.1 Test RB = RB1#0







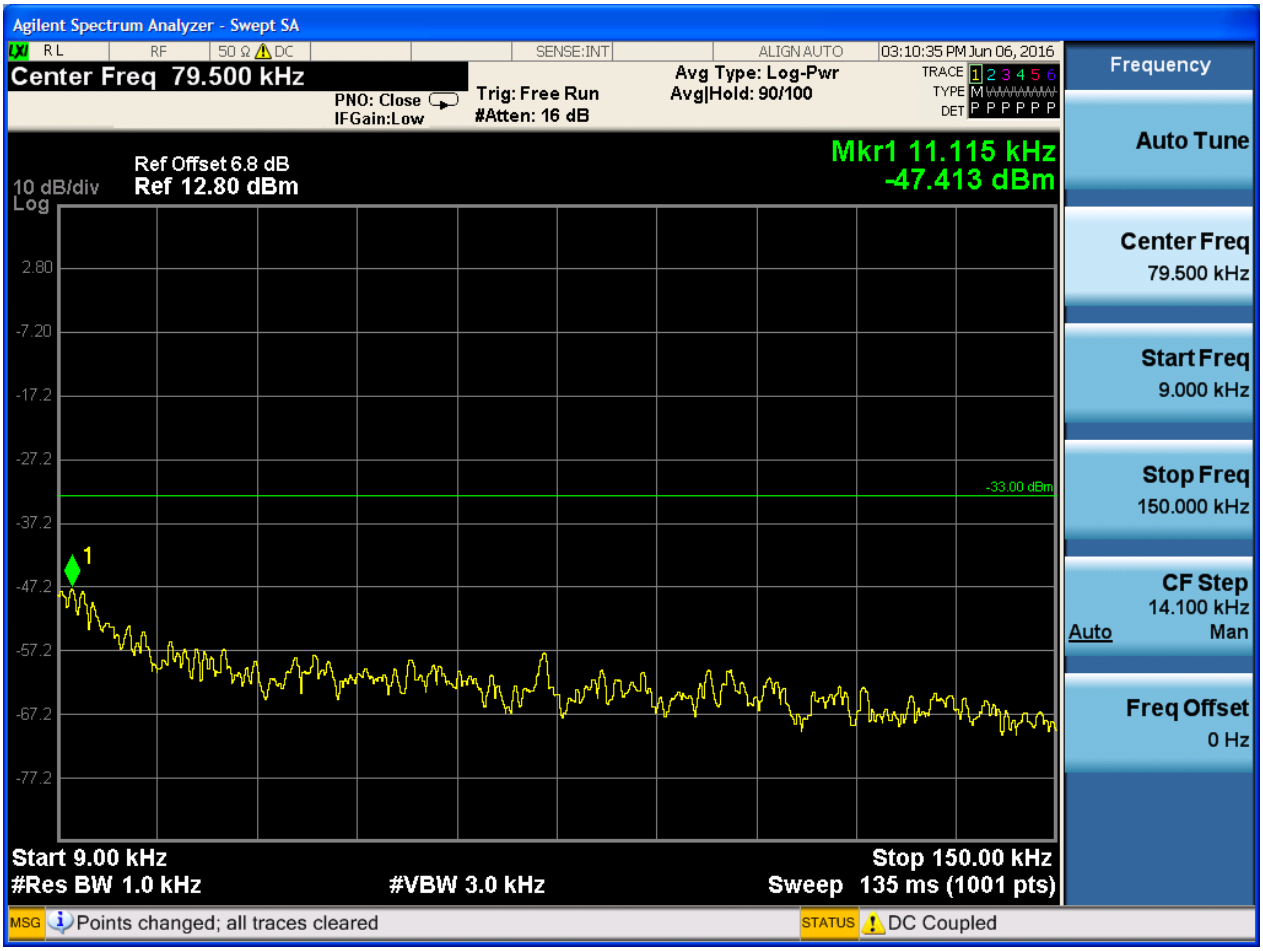


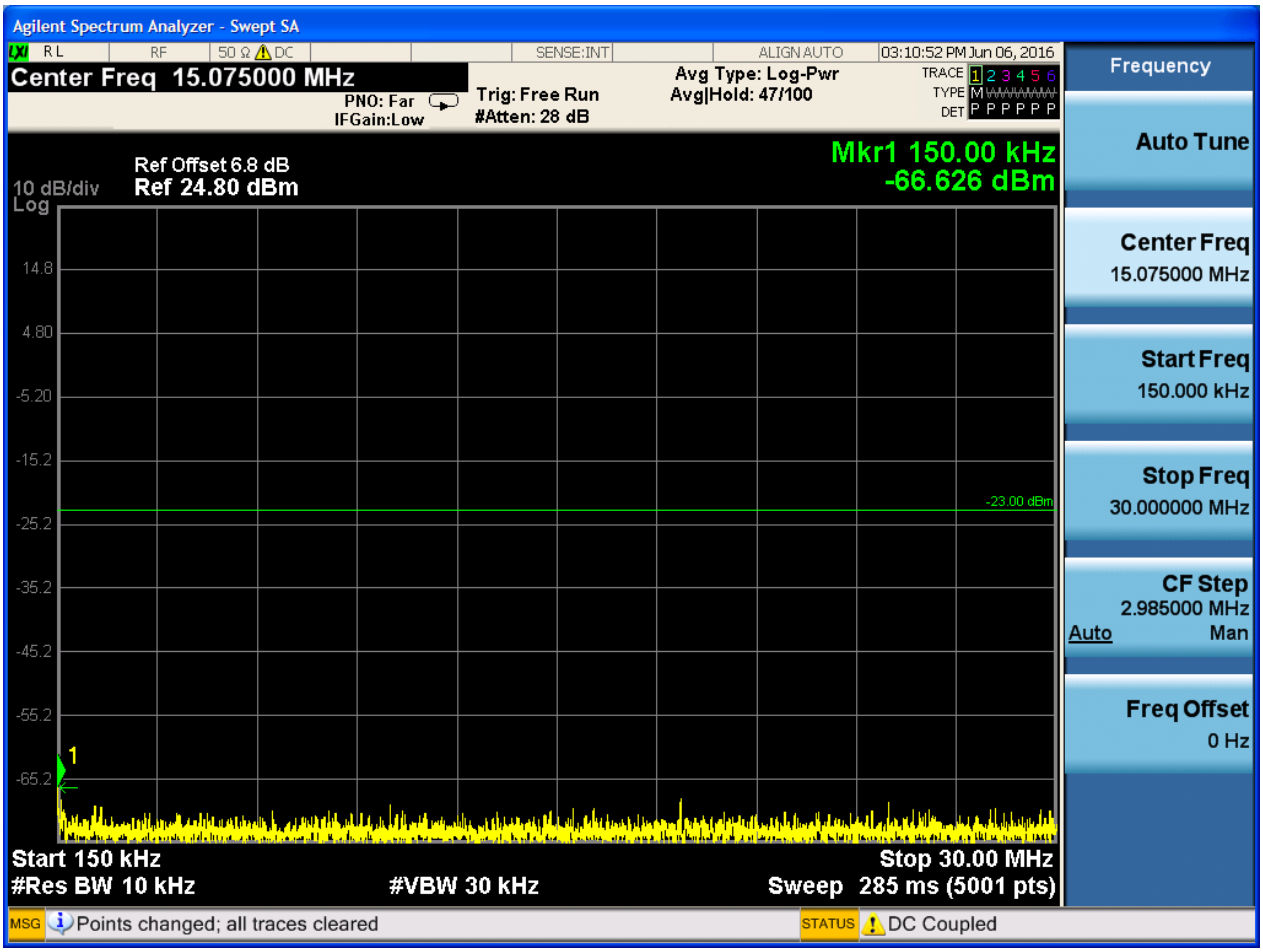


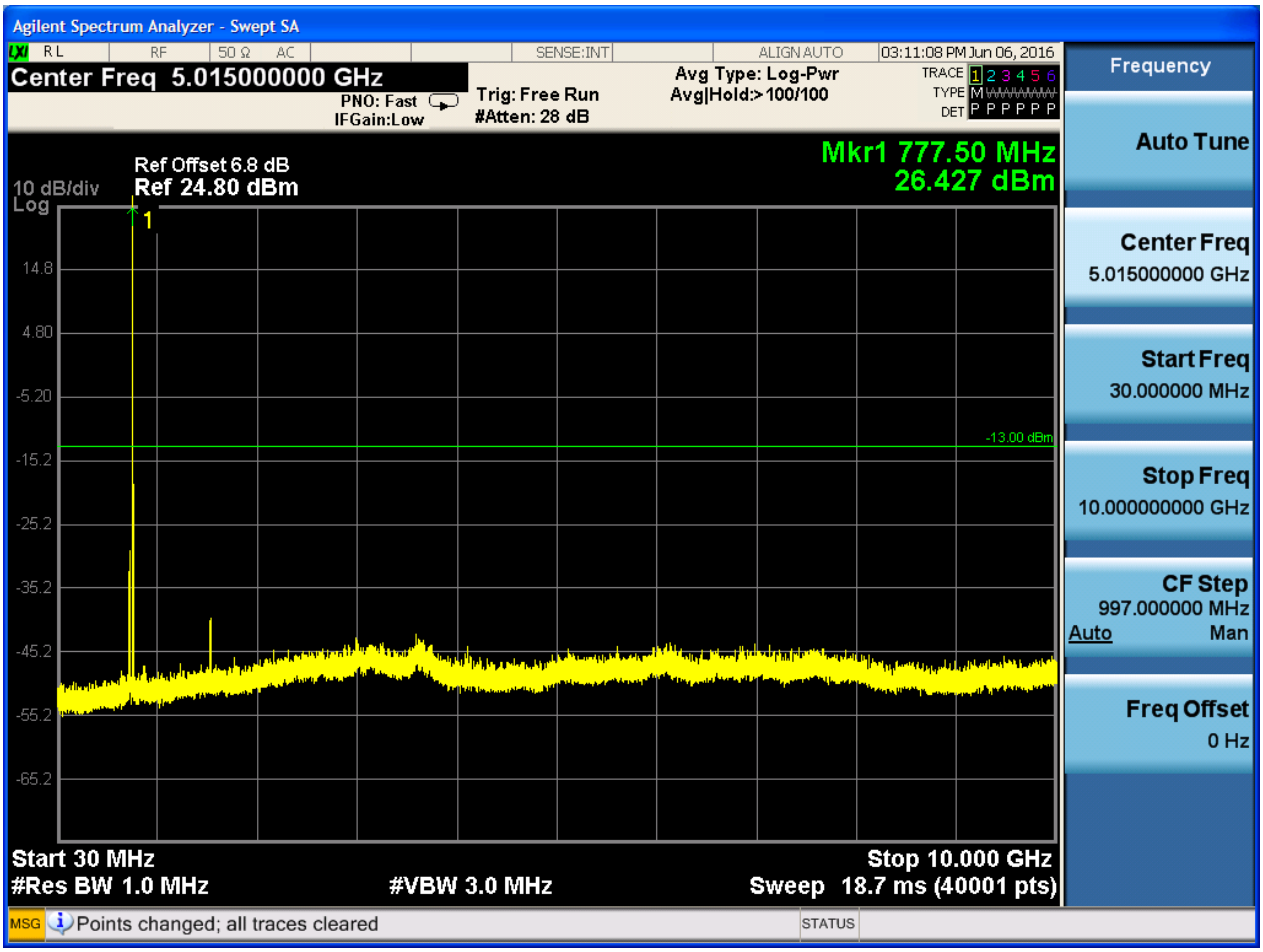
6.1.1.2.2 Test Bandwidth = 10

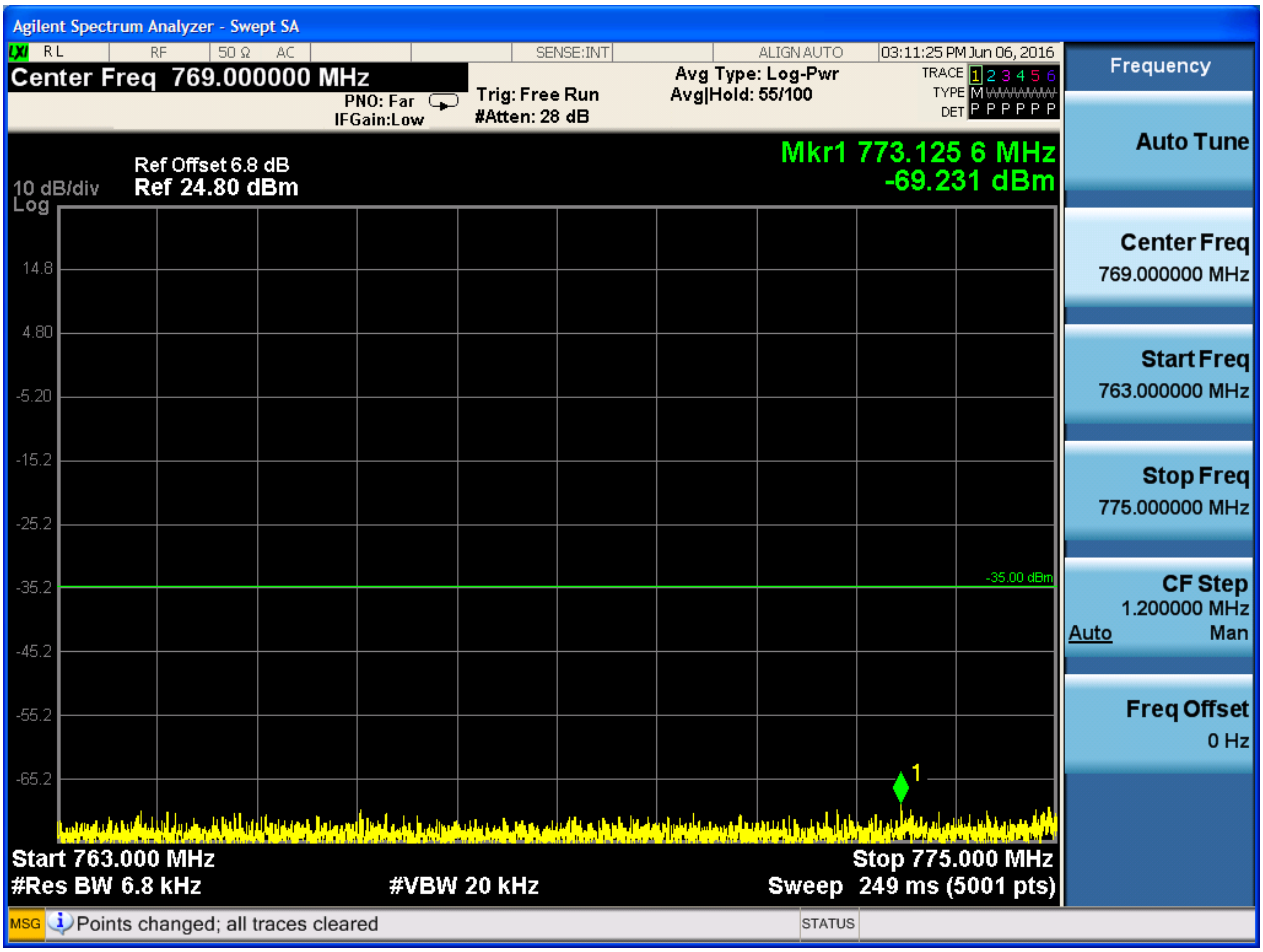
6.1.1.2.2.1 Test Channel = LCH

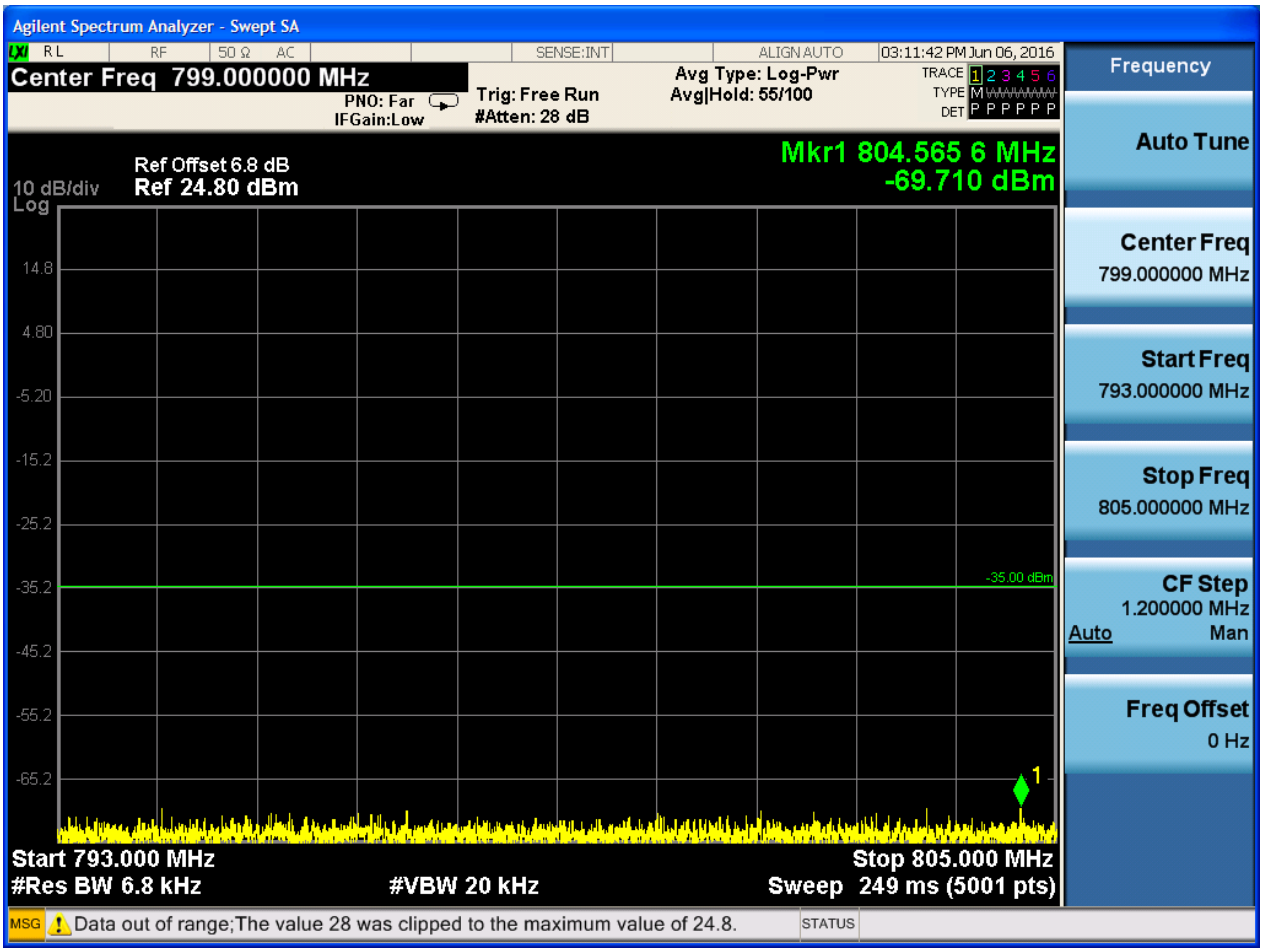
6.1.1.2.2.1.1 Test RB = RB1#0





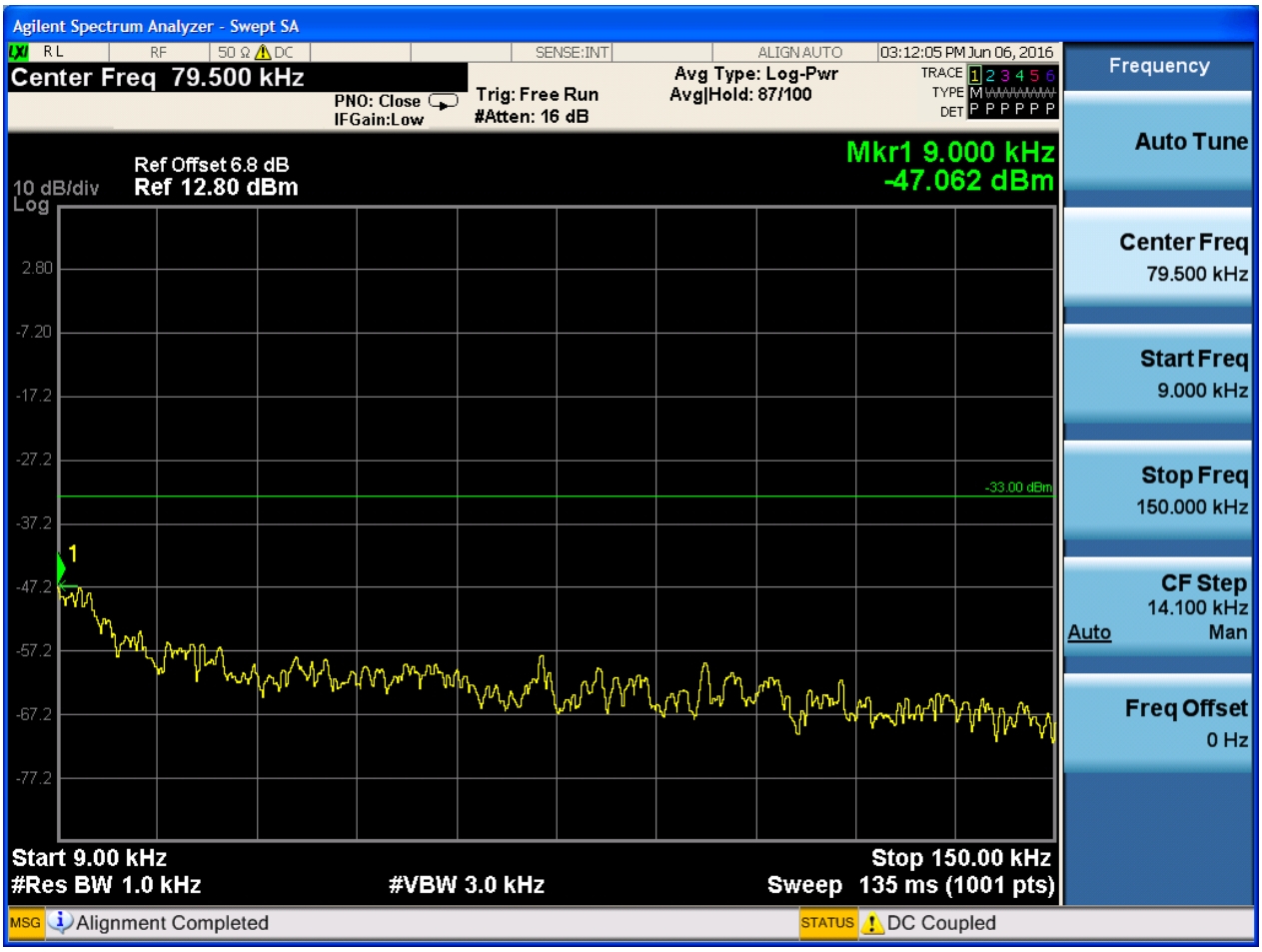


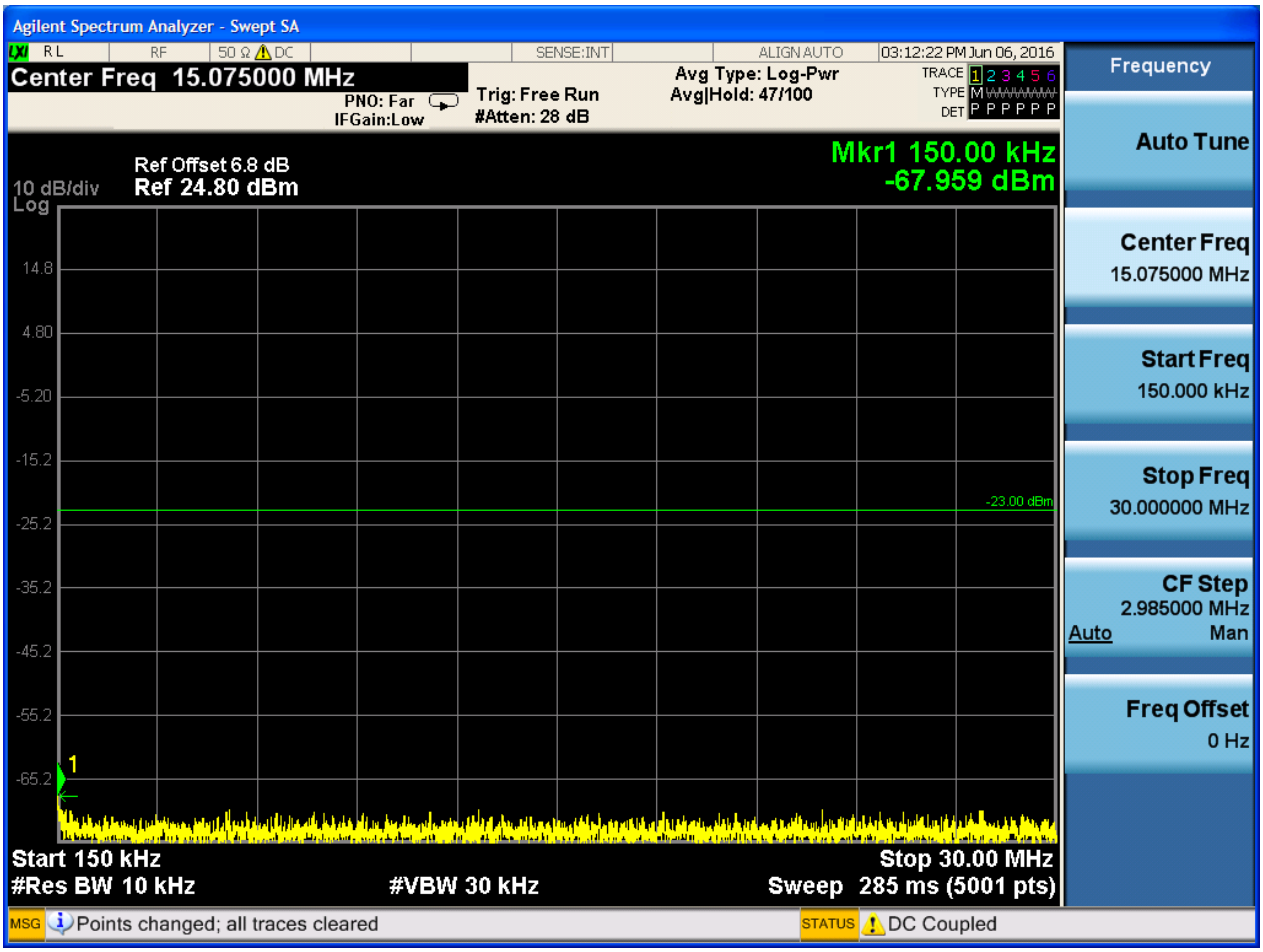


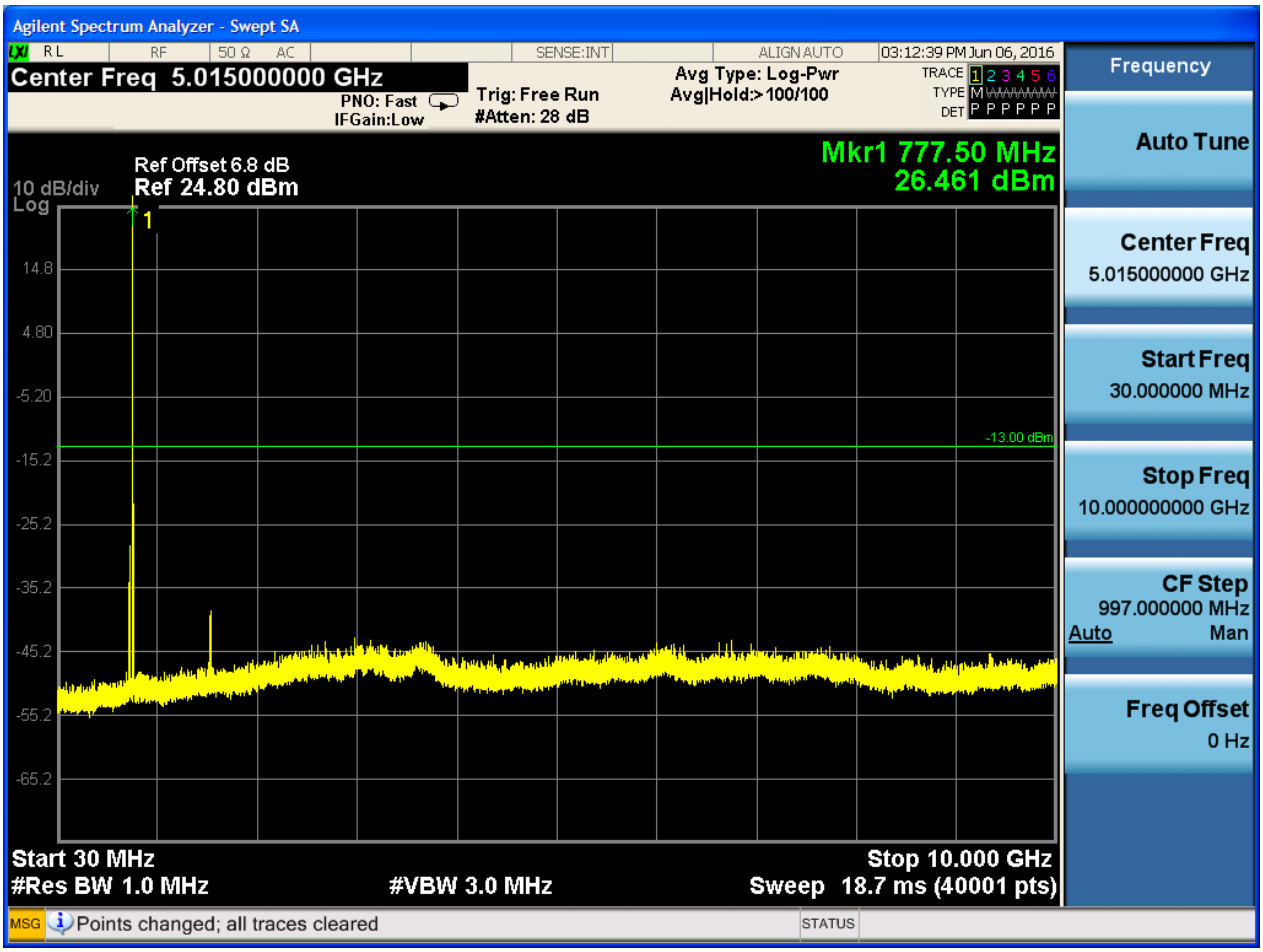


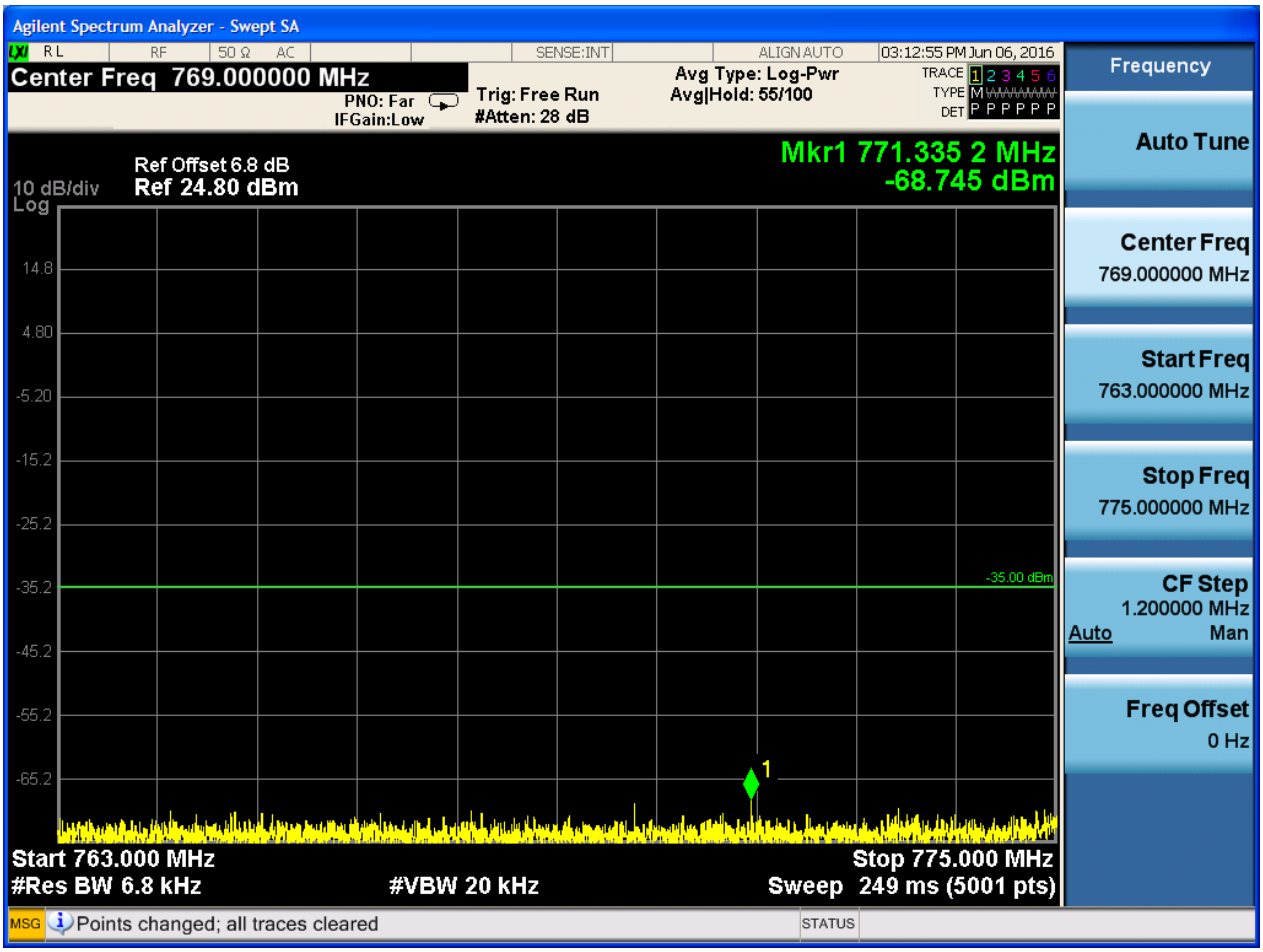
6.1.1.2.2.2 Test Channel = MCH

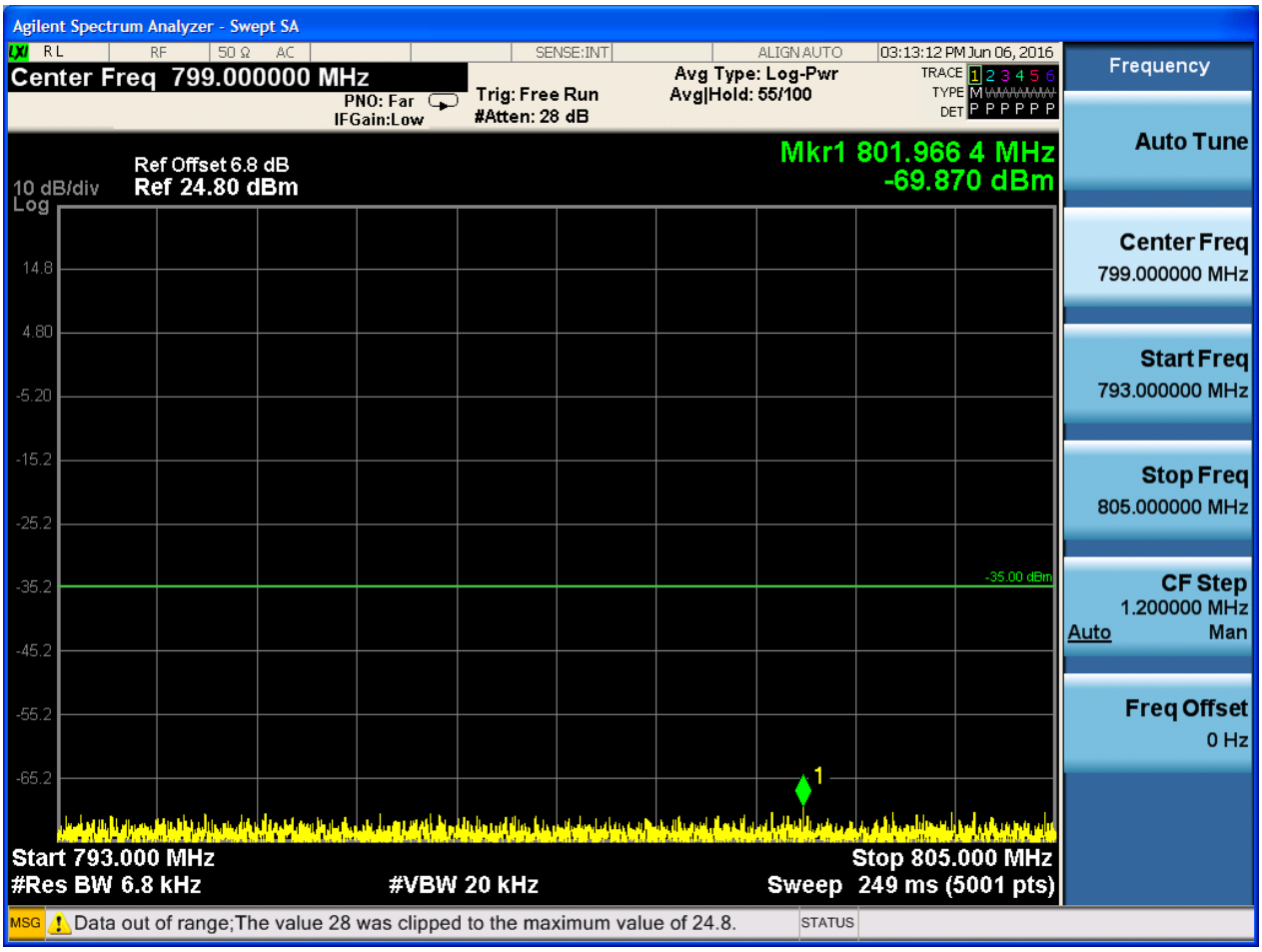
6.1.1.2.2.2.1 Test RB = RB1#0





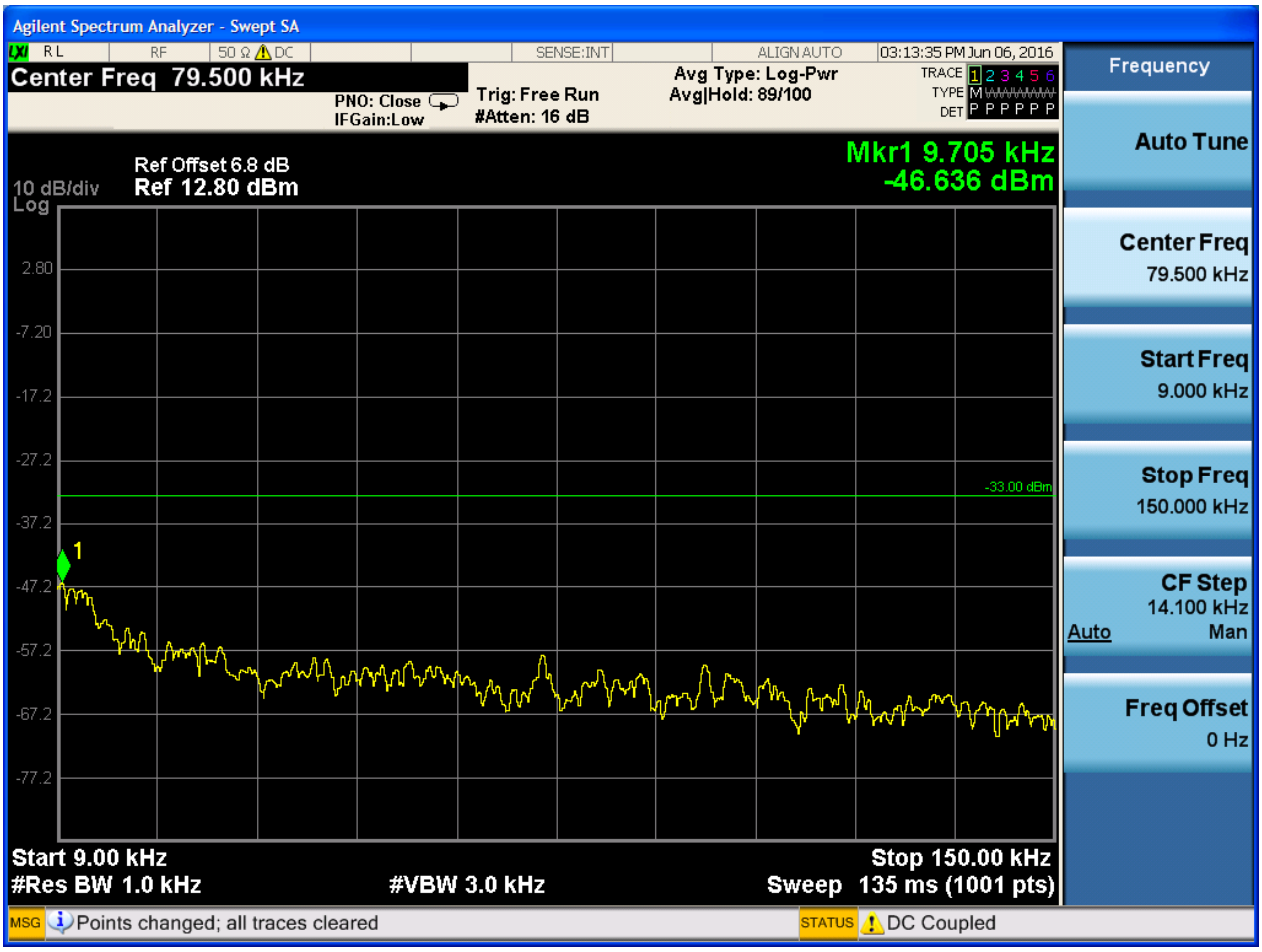


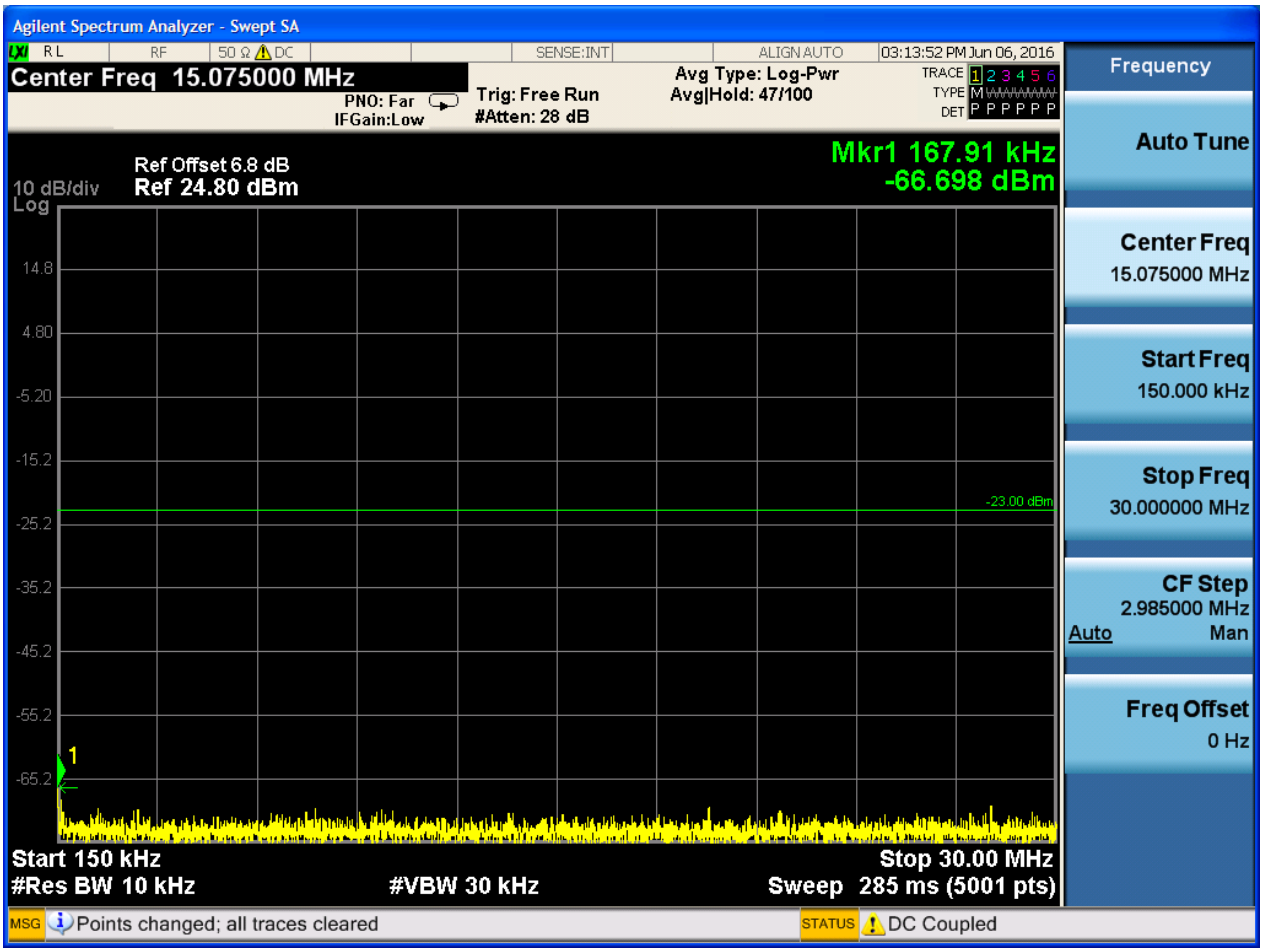


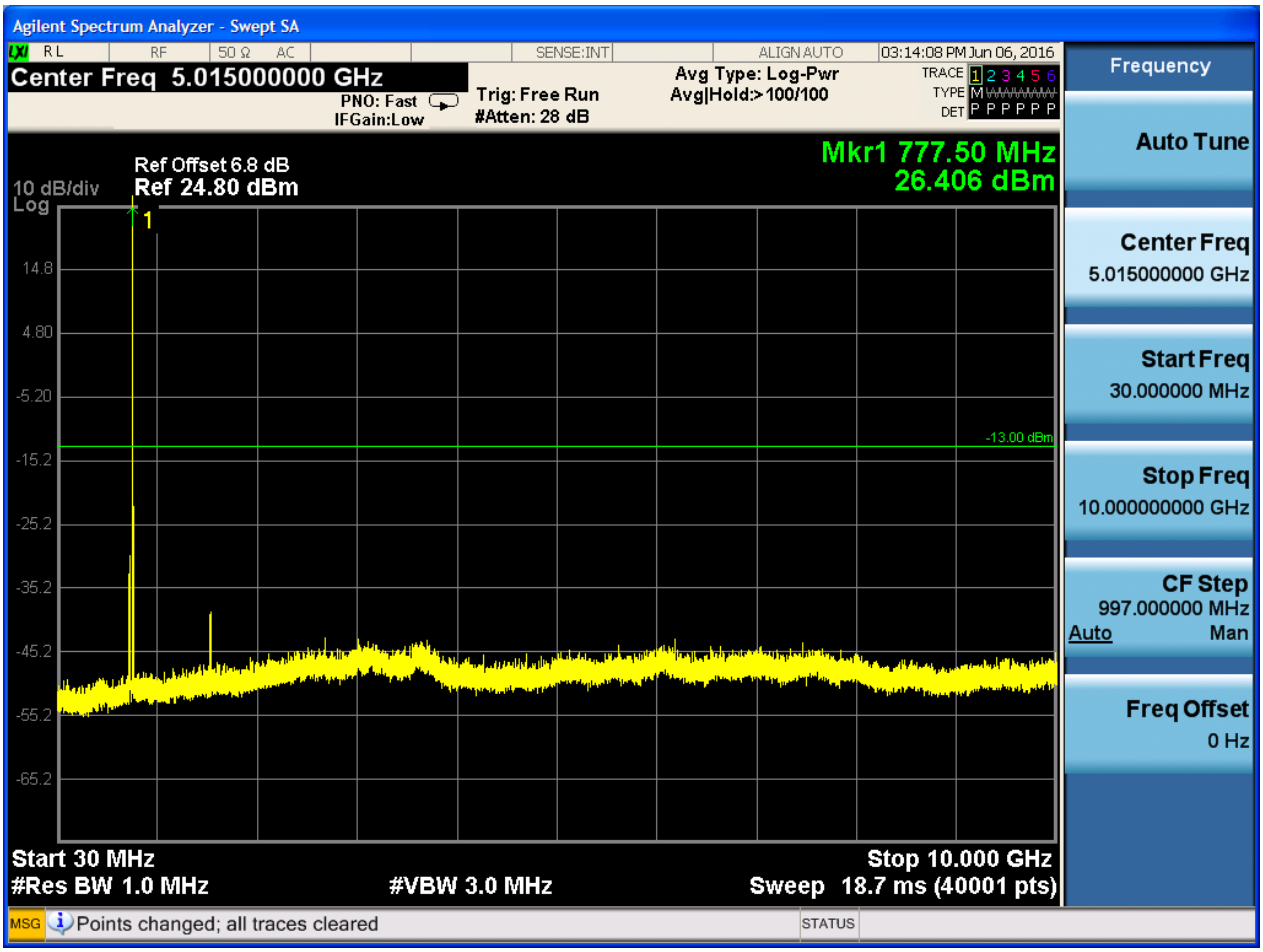


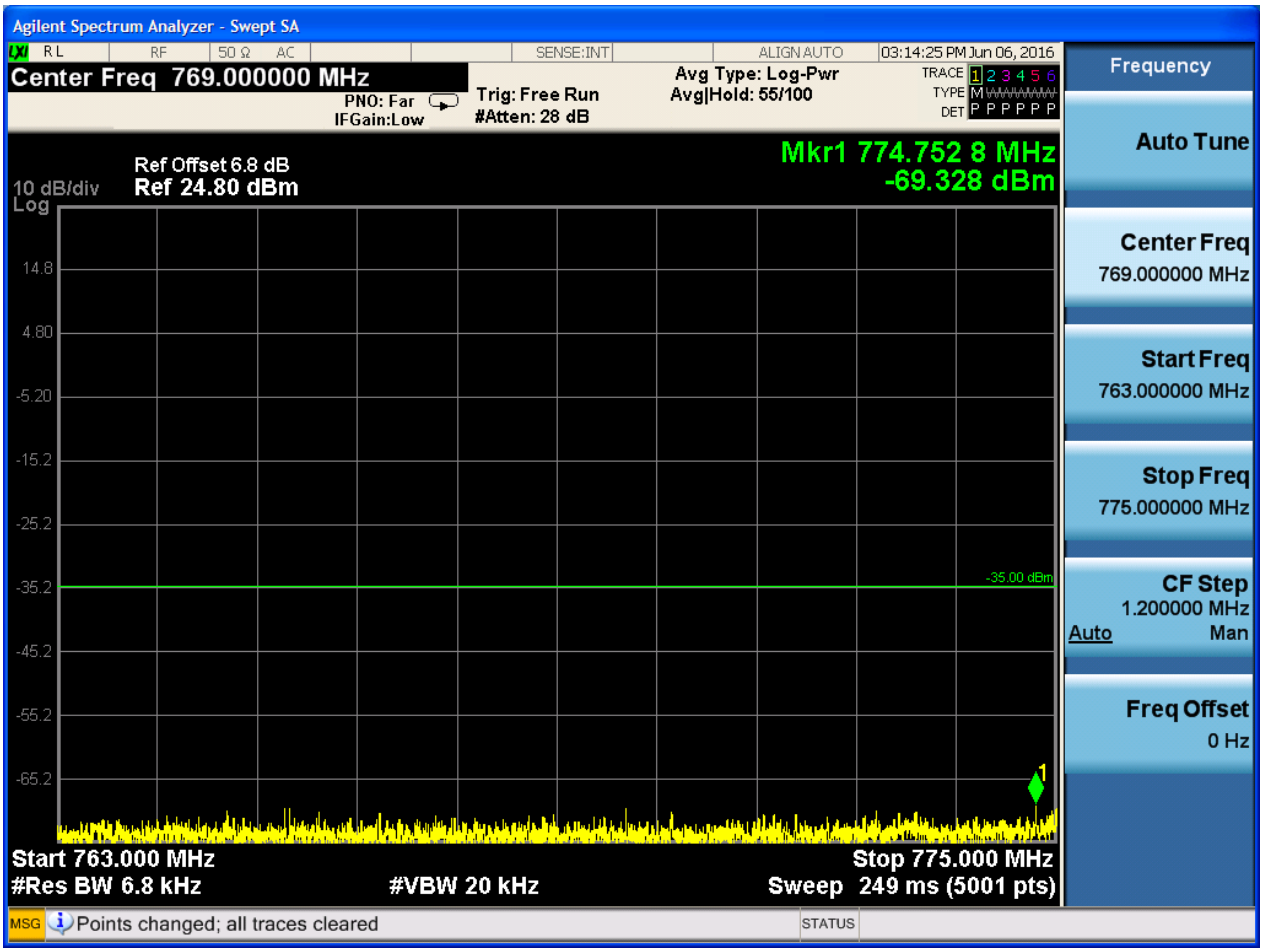
6.1.1.2.2.3 Test Channel = HCH

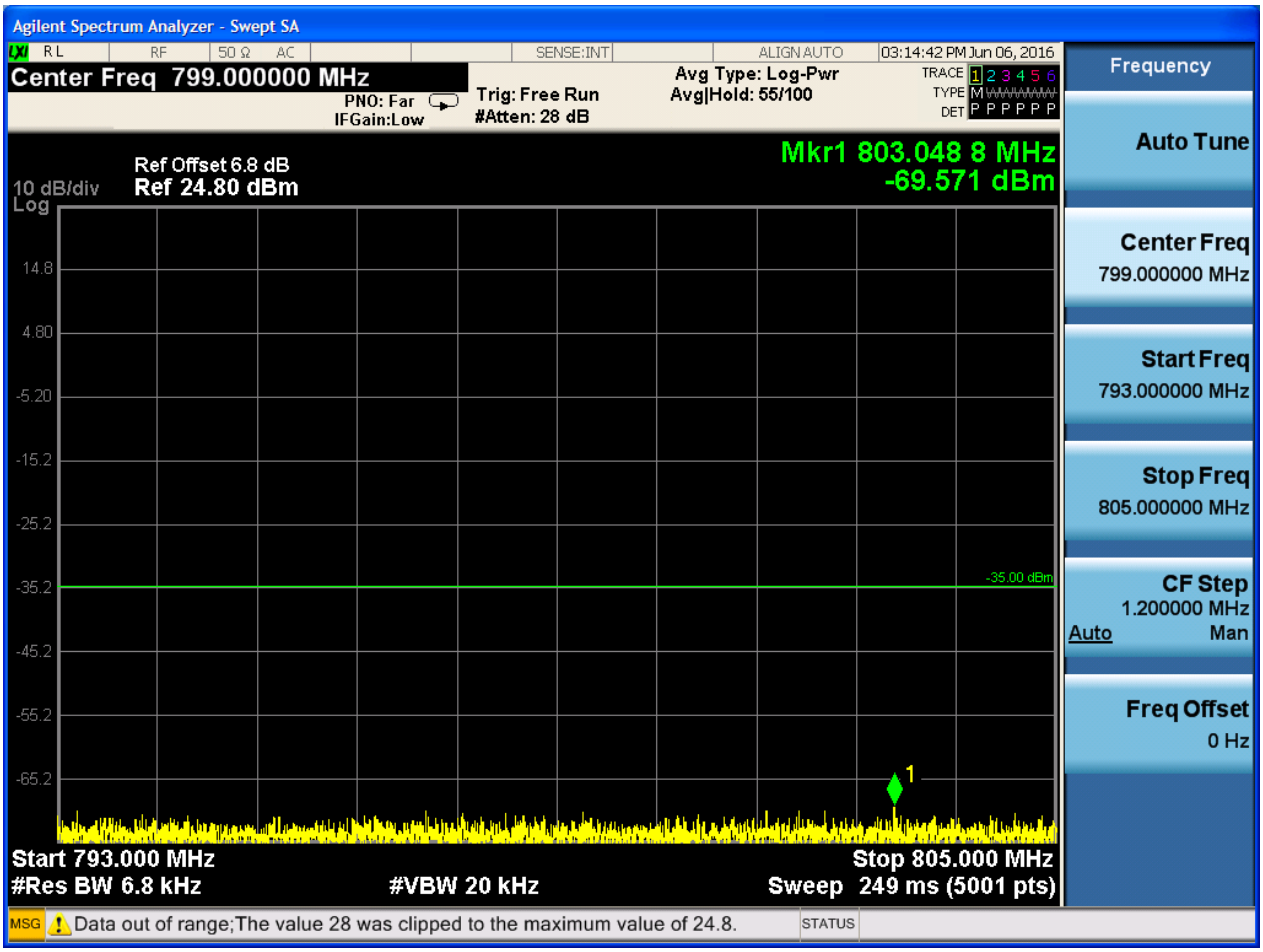
6.1.1.2.2.3.1 Test RB = RB1#0











7Appendix_G: Field Strength of Spurious Radiation

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

9kHz~150kHz, 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

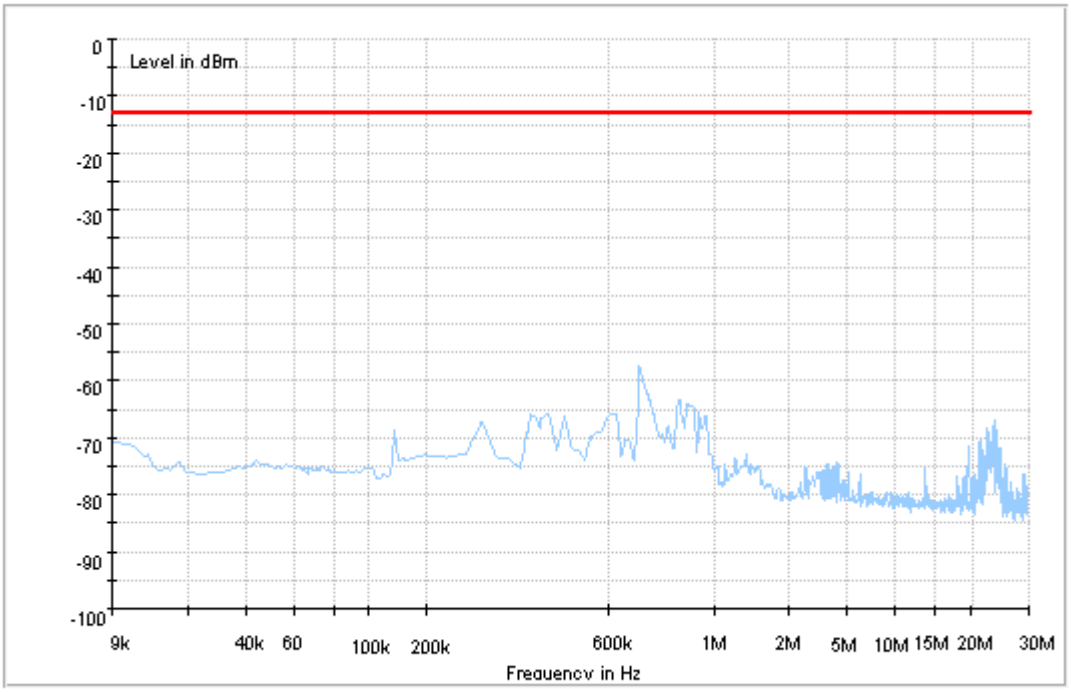
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

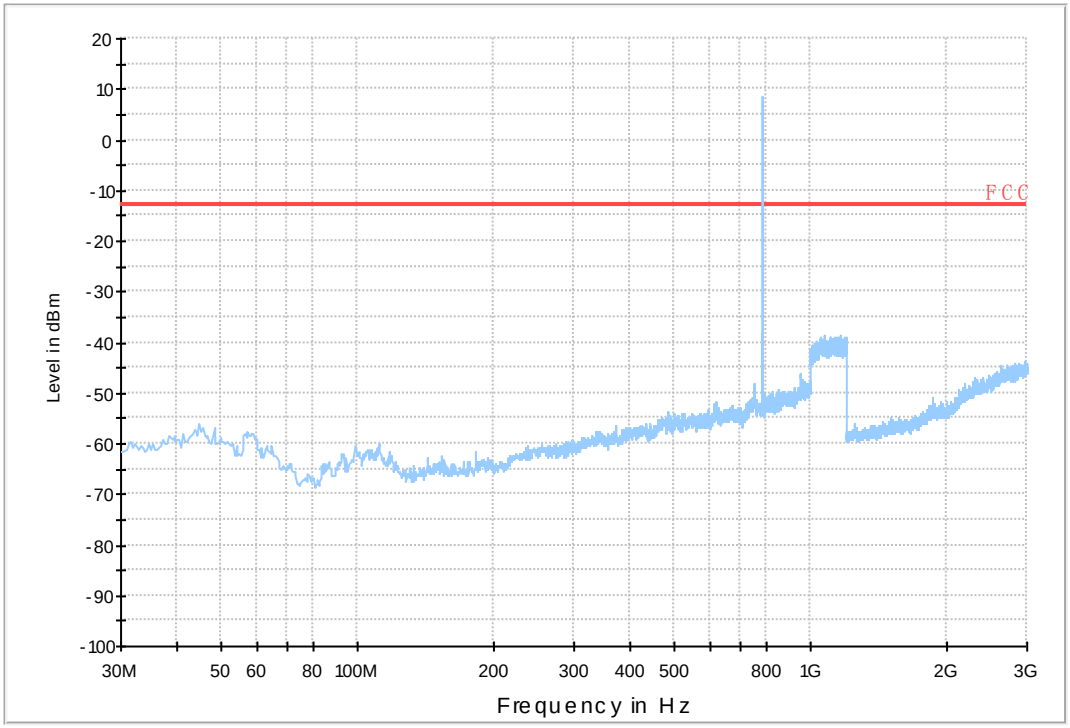
7.1 For LTE

7.1.1 Test Band = BAND13

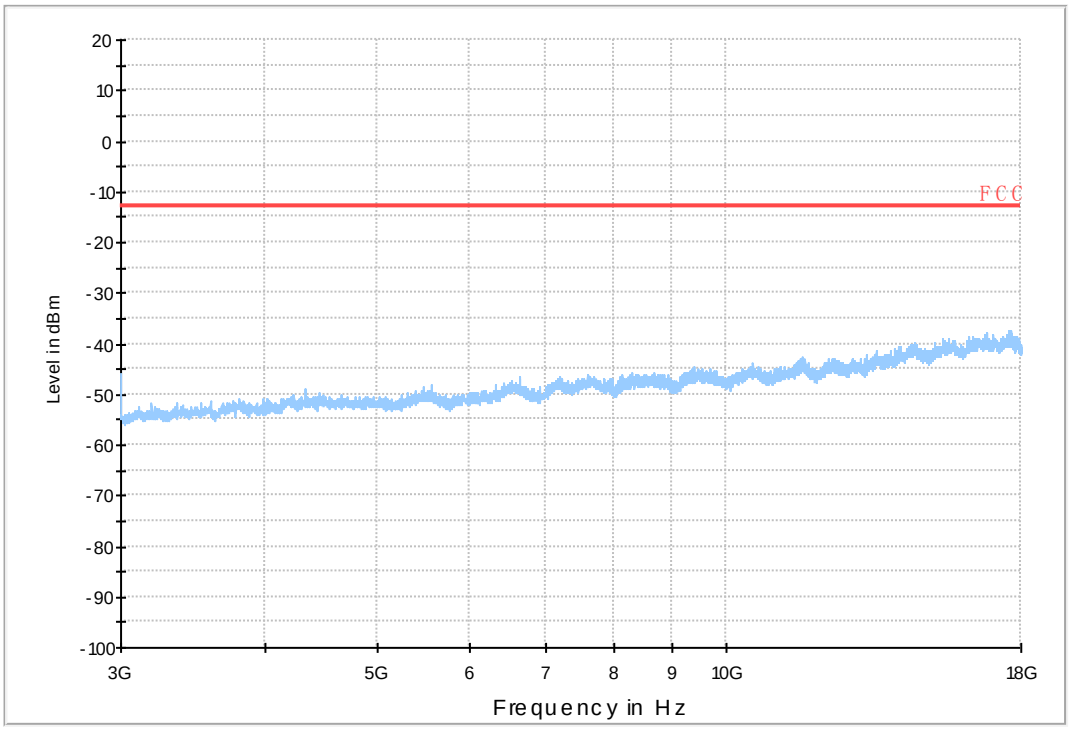
7.1.1.1 Test Bandwidth = 5



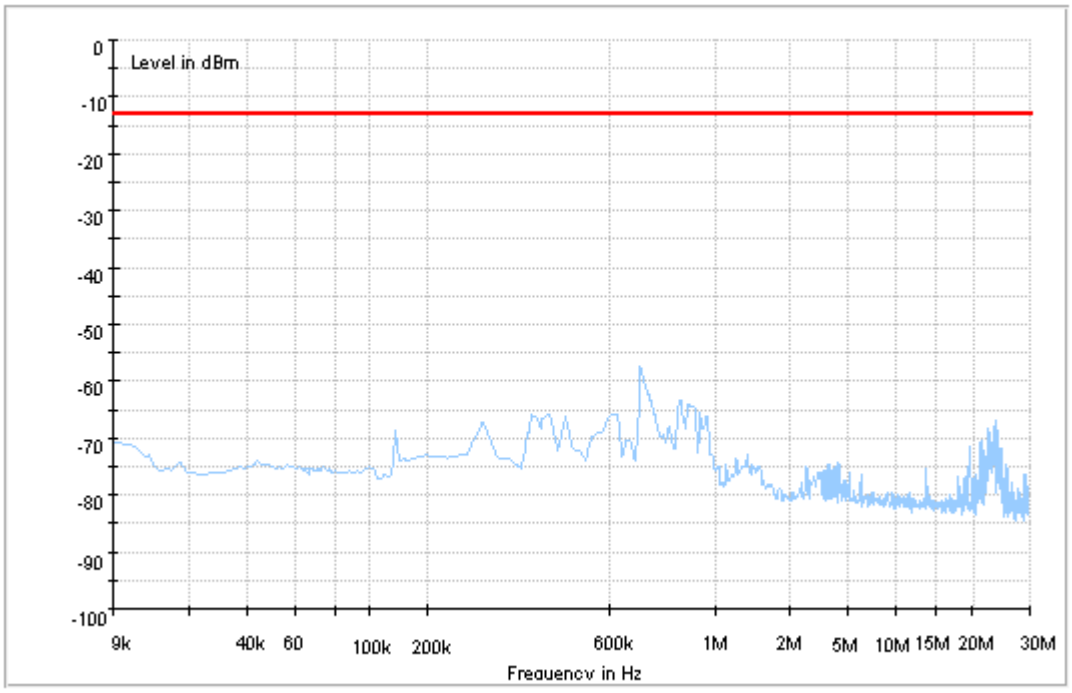
Copy of RSE-TX-DIRECTOR BELOW 1G_L



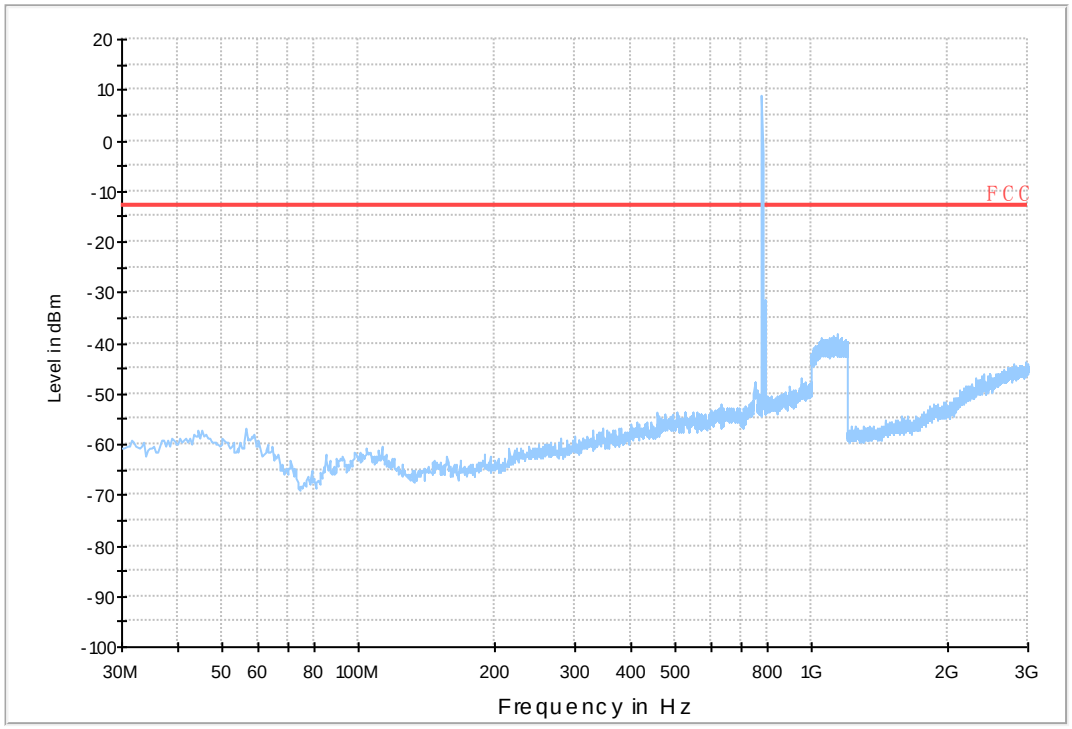
Copy of RSE-TX-DIRECTOR BELOW 1G_H



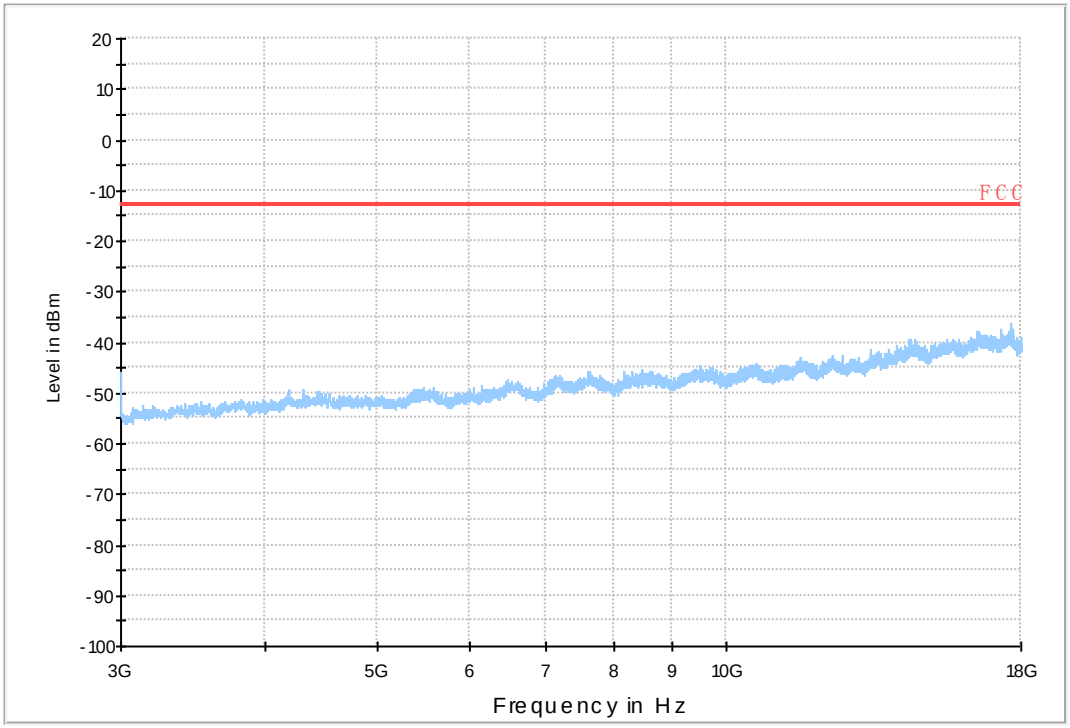
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



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
BAND13	LTE/TM1	5	LCH	TN	VL	-0.36	-0.00046	PASS
					VN	0.29	0.00037	PASS
					VH	-2.07	-0.00266	PASS
			MCH	TN	VL	-2.93	-0.00375	PASS
					VN	-2.82	-0.00361	PASS
					VH	-2.52	-0.00322	PASS
			HCH	TN	VL	0.07	0.00009	PASS
					VN	0.76	0.00097	PASS
					VH	-0.11	-0.00014	PASS
		10	LCH	TN	VL	-2.55	-0.00326	PASS
					VN	0.17	0.00022	PASS
					VH	-12.87	-0.01646	PASS
			MCH	TN	VL	-14.95	-0.01912	PASS
					VN	-0.23	-0.00029	PASS
					VH	-19.27	-0.02464	PASS
			HCH	TN	VL	-16.31	-0.02086	PASS
					VN	-27.54	-0.03522	PASS
					VH	-12.92	-0.01652	PASS
	LTE/TM2	5	LCH	TN	VL	-0.31	-0.0004	PASS
					VN	0.21	0.00027	PASS
					VH	-0.83	-0.00106	PASS
			MCH	TN	VL	-4.49	-0.00574	PASS
					VN	-3.85	-0.00492	PASS
					VH	-2.42	-0.00309	PASS
			HCH	TN	VL	0.14	0.00018	PASS
					VN	-0.64	-0.00082	PASS
					VH	-1.20	-0.00153	PASS
		10	LCH	TN	VL	-29.51	-0.03774	PASS
					VN	-27.04	-0.03458	PASS
					VH	-26.42	-0.03379	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	-29.01	-0.0371	PASS
					VN	-21.69	-0.02774	PASS
					VH	-28.65	-0.03664	PASS
			HCH	TN	VL	-29.80	-0.03811	PASS
					VN	-36.75	-0.04699	PASS
					VH	-39.95	-0.05109	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
BAND13	LTE/TM1	5	LCH	VN	-30	-0.89	-0.00114	PASS
					-20	-1.30	-0.00167	PASS
					-10	0.73	0.00094	PASS
					0	0.64	0.00082	PASS
					10	1.57	0.00201	PASS
					20	1.82	0.00233	PASS
					30	-2.35	-0.00301	PASS
					40	-1.09	-0.0014	PASS
					50	1.52	0.00195	PASS
			MCH	VN	-30	-4.63	-0.00592	PASS
					-20	-5.54	-0.00708	PASS
					-10	-3.12	-0.00399	PASS
					0	-2.42	-0.00309	PASS
					10	-4.56	-0.00583	PASS
					20	-5.42	-0.00693	PASS
					30	-4.41	-0.00564	PASS
					40	-5.84	-0.00747	PASS
					50	-5.59	-0.00715	PASS
			HCH	VN	-30	-1.14	-0.00145	PASS
					-20	-0.84	-0.00107	PASS
					-10	0.00	0	PASS
					0	0.82	0.00105	PASS
					10	-1.63	-0.00208	PASS
					20	-0.21	-0.00027	PASS
					30	-0.27	-0.00034	PASS
					40	0.34	0.00043	PASS
					50	-1.03	-0.00131	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			LCH	VN	-30	-14.58	-0.01864	PASS
					-20	-13.89	-0.01776	PASS
					-10	-12.60	-0.01611	PASS
					0	-17.67	-0.0226	PASS
					10	-10.33	-0.01321	PASS
					20	-14.32	-0.01831	PASS
					30	-8.98	-0.01148	PASS
					40	-10.31	-0.01318	PASS
					50	-10.57	-0.01352	PASS
			MCH	VN	-30	-11.03	-0.0141	PASS
					-20	6.28	0.00803	PASS
					-10	3.88	0.00496	PASS
					0	-24.05	-0.03075	PASS
		10			10	-7.57	-0.00968	PASS
					20	7.14	0.00913	PASS
					30	7.97	0.01019	PASS
					40	-5.62	-0.00719	PASS
					50	-16.14	-0.02064	PASS
			HCH	VN	-30	-12.80	-0.01637	PASS
					-20	-29.78	-0.03808	PASS
					-10	-15.74	-0.02013	PASS
					0	-22.00	-0.02813	PASS
					10	-15.94	-0.02038	PASS
					20	-7.91	-0.01012	PASS
					30	-8.93	-0.01142	PASS
					40	-15.61	-0.01996	PASS
					50	-18.45	-0.02359	PASS
	LTE/TM2		LCH	VN	-30	-0.41	-0.00053	PASS
					-20	-0.49	-0.00063	PASS
					-10	0.01	0.00001	PASS
					0	1.53	0.00196	PASS
					10	-1.65	-0.00212	PASS
		5			20	-1.57	-0.00201	PASS
					30	-3.05	-0.00391	PASS
					40	-0.13	-0.00017	PASS
					50	-0.83	-0.00106	PASS
			MCH	VN	-30	-4.19	-0.00536	PASS
					-20	-4.88	-0.00624	PASS
					-10	-5.14	-0.00657	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-3.76	-0.00481	PASS
					10	-3.39	-0.00434	PASS
					20	-3.18	-0.00407	PASS
					30	-4.38	-0.0056	PASS
					40	-4.85	-0.0062	PASS
					50	-3.93	-0.00503	PASS
			HCH	VN	-30	-0.43	-0.00055	PASS
					-20	-1.62	-0.00207	PASS
					-10	-1.00	-0.00127	PASS
					0	-0.84	-0.00107	PASS
					10	-0.79	-0.00101	PASS
					20	-0.94	-0.0012	PASS
					30	-1.66	-0.00212	PASS
					40	-1.00	-0.00127	PASS
					50	0.04	0.00005	PASS
		10	LCH	VN	-30	-19.31	-0.02469	PASS
					-20	-20.76	-0.02655	PASS
					-10	-24.19	-0.03093	PASS
					0	-23.98	-0.03066	PASS
					10	-24.52	-0.03136	PASS
					20	-19.88	-0.02542	PASS
					30	-29.30	-0.03747	PASS
					40	-30.38	-0.03885	PASS
					50	-25.08	-0.03207	PASS
			MCH	VN	-30	-30.21	-0.03863	PASS
					-20	-20.26	-0.02591	PASS
					-10	-26.91	-0.03441	PASS
					0	-22.22	-0.02841	PASS
					10	-17.65	-0.02257	PASS
					20	-25.31	-0.03237	PASS
					30	-27.82	-0.03558	PASS
					40	-21.43	-0.0274	PASS
					50	-23.79	-0.03042	PASS
			HCH	VN	-30	-26.04	-0.0333	PASS
					-20	-20.56	-0.02629	PASS
					-10	-22.29	-0.0285	PASS
					0	-22.79	-0.02914	PASS
					10	-28.54	-0.0365	PASS
					20	-18.60	-0.02379	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-22.13	-0.0283	PASS
					40	-24.43	-0.03124	PASS
					50	-26.16	-0.03345	PASS

END