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	24.56	18.96	34.7	PASS
				RB1#13	24.53	18.98	34.7	PASS
				RB1#24	24.35	18.51	34.7	PASS
				RB12#0	23.42	17.70	34.7	PASS
				RB12#6	23.42	17.74	34.7	PASS
				RB12#13	23.39	17.64	34.7	PASS
				RB25#0	23.4	17.80	34.7	PASS
			MCH	RB1#0	24.3	18.70	34.7	PASS
				RB1#13	24.3	18.86	34.7	PASS
				RB1#24	24.28	18.75	34.7	PASS
				RB12#0	23.38	17.94	34.7	PASS
				RB12#6	23.35	17.80	34.7	PASS
				RB12#13	23.36	17.63	34.7	PASS
				RB25#0	23.41	17.65	34.7	PASS
			HCH	RB1#0	24.32	18.52	34.7	PASS
				RB1#13	24.41	18.58	34.7	PASS
				RB1#24	24.46	18.74	34.7	PASS
				RB12#0	23.43	17.71	34.7	PASS
				RB12#6	23.3	17.66	34.7	PASS
				RB12#13	23.45	17.91	34.7	PASS
				RB25#0	23.4	17.86	34.7	PASS
		10	LCH	RB1#0	24.37	18.78	34.7	PASS
				RB1#25	24.38	18.55	34.7	PASS
				RB1#49	24.49	18.89	34.7	PASS
				RB25#0	23.43	17.89	34.7	PASS
				RB25#13	23.42	17.76	34.7	PASS
				RB25#25	23.52	17.92	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit[dBm]	Verdict
				RB50#0	23.48	18.01	34.7	PASS
			MCH	RB1#0	24.52	18.99	34.7	PASS
				RB1#25	24.03	18.31	34.7	PASS
				RB1#49	24.47	18.80	34.7	PASS
				RB25#0	23.5	17.82	34.7	PASS
				RB25#13	23.45	17.71	34.7	PASS
				RB25#25	23.47	17.69	34.7	PASS
				RB50#0	23.53	17.87	34.7	PASS
			HCH	RB1#0	24.48	18.95	34.7	PASS
				RB1#25	24.05	18.35	34.7	PASS
				RB1#49	24.44	18.73	34.7	PASS
				RB25#0	23.36	17.54	34.7	PASS
				RB25#13	23.31	17.75	34.7	PASS
				RB25#25	23.51	17.96	34.7	PASS
				RB50#0	23.45	17.70	34.7	PASS
	LTE/TM2	5	LCH	RB1#0	23.71	17.92	34.7	PASS
				RB1#13	23.53	17.91	34.7	PASS
				RB1#24	23.78	18.19	34.7	PASS
				RB12#0	22.43	16.72	34.7	PASS
				RB12#6	22.4	16.56	34.7	PASS
				RB12#13	22.45	16.63	34.7	PASS
				RB25#0	22.32	16.55	34.7	PASS
			MCH	RB1#0	23.16	17.38	34.7	PASS
				RB1#13	23.6	18.14	34.7	PASS
				RB1#24	23.56	17.73	34.7	PASS
				RB12#0	22.28	16.62	34.7	PASS
				RB12#6	22.36	16.85	34.7	PASS
				RB12#13	22.28	16.48	34.7	PASS
				RB25#0	22.42	16.63	34.7	PASS
			HCH	RB1#0	23.52	17.99	34.7	PASS
				RB1#13	23.9	18.13	34.7	PASS
				RB1#24	23.99	18.28	34.7	PASS
				RB12#0	22.37	16.71	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB12#6	22.28	16.80	34.7	PASS
				RB12#13	22.46	16.90	34.7	PASS
				RB25#0	22.27	16.44	34.7	PASS
		10	LCH	RB1#0	23.47	17.98	34.7	PASS
				RB1#25	23.32	17.62	34.7	PASS
				RB1#49	23.61	18.05	34.7	PASS
				RB25#0	22.31	16.51	34.7	PASS
				RB25#13	22.34	16.70	34.7	PASS
				RB25#25	22.43	16.72	34.7	PASS
				RB50#0	22.38	16.62	34.7	PASS
			MCH	RB1#0	23.58	17.84	34.7	PASS
				RB1#25	23.45	17.86	34.7	PASS
				RB1#49	23.52	18.03	34.7	PASS
				RB25#0	22.39	16.73	34.7	PASS
				RB25#13	22.37	16.54	34.7	PASS
				RB25#25	22.42	16.86	34.7	PASS
				RB50#0	22.44	16.90	34.7	PASS
			HCH	RB1#0	23.54	18.00	34.7	PASS
				RB1#25	23.39	17.65	34.7	PASS
				RB1#49	23.54	17.91	34.7	PASS
				RB25#0	22.45	16.67	34.7	PASS
				RB25#13	22.41	16.85	34.7	PASS
				RB25#25	22.44	16.69	34.7	PASS
				RB50#0	22.48	16.72	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	4.21	13	PASS
				RB1#13	4.45	13	PASS
				RB1#24	4.36	13	PASS
				RB12#0	5.65	13	PASS
				RB12#6	5.69	13	PASS
				RB12#13	5.8	13	PASS
				RB25#0	5.88	13	PASS
			MCH	RB1#0	4.67	13	PASS
				RB1#13	4.4	13	PASS
				RB1#24	4.11	13	PASS
				RB12#0	5.61	13	PASS
				RB12#6	5.49	13	PASS
				RB12#13	5.46	13	PASS
				RB25#0	5.71	13	PASS
			HCH	RB1#0	4.09	13	PASS
				RB1#13	3.98	13	PASS
				RB1#24	3.95	13	PASS
				RB12#0	5.38	13	PASS
				RB12#6	5.3	13	PASS
				RB12#13	5.33	13	PASS
				RB25#0	5.52	13	PASS
		10	LCH	RB1#0	4.33	13	PASS
				RB1#25	4.59	13	PASS
				RB1#49	3.99	13	PASS
				RB25#0	5.73	13	PASS
				RB25#13	5.49	13	PASS
				RB25#25	5.46	13	PASS
				RB50#0	5.85	13	PASS
			MCH	RB1#0	4.31	13	PASS
				RB1#25	4.25	13	PASS
				RB1#49	3.69	13	PASS
				RB25#0	5.88	13	PASS
				RB25#13	5.54	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	5.43	13	PASS
				RB50#0	6.03	13	PASS
			HCH	RB1#0	4.59	13	PASS
				RB1#25	4.45	13	PASS
				RB1#49	3.87	13	PASS
				RB25#0	5.72	13	PASS
				RB25#13	5.41	13	PASS
				RB25#25	5.36	13	PASS
				RB50#0	5.81	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.33	13	PASS
				RB1#13	5.59	13	PASS
				RB1#24	5.53	13	PASS
				RB12#0	6.79	13	PASS
				RB12#6	6.73	13	PASS
				RB12#13	6.83	13	PASS
				RB25#0	6.81	13	PASS
			MCH	RB1#0	4.97	13	PASS
				RB1#13	5.04	13	PASS
				RB1#24	4.81	13	PASS
				RB12#0	6.5	13	PASS
				RB12#6	6.35	13	PASS
				RB12#13	6.35	13	PASS
				RB25#0	6.57	13	PASS
			HCH	RB1#0	4.9	13	PASS
				RB1#13	4.68	13	PASS
				RB1#24	4.53	13	PASS
				RB12#0	6.13	13	PASS
				RB12#6	6	13	PASS
				RB12#13	6.03	13	PASS
				RB25#0	6.44	13	PASS
		10	LCH	RB1#0	5.29	13	PASS
				RB1#25	5.56	13	PASS
				RB1#49	4.85	13	PASS
				RB25#0	6.79	13	PASS
				RB25#13	6.63	13	PASS
				RB25#25	6.52	13	PASS
				RB50#0	6.87	13	PASS
			MCH	RB1#0	5.3	13	PASS
				RB1#25	5.3	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.62	13	PASS
				RB25#0	6.91	13	PASS
				RB25#13	6.59	13	PASS
				RB25#25	6.53	13	PASS
				RB50#0	6.68	13	PASS
			HCH	RB1#0	4.75	13	PASS
				RB1#25	4.52	13	PASS
				RB1#49	4.34	13	PASS
				RB25#0	6.66	13	PASS
				RB25#13	6.32	13	PASS
				RB25#25	6.24	13	PASS
				RB50#0	6.66	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

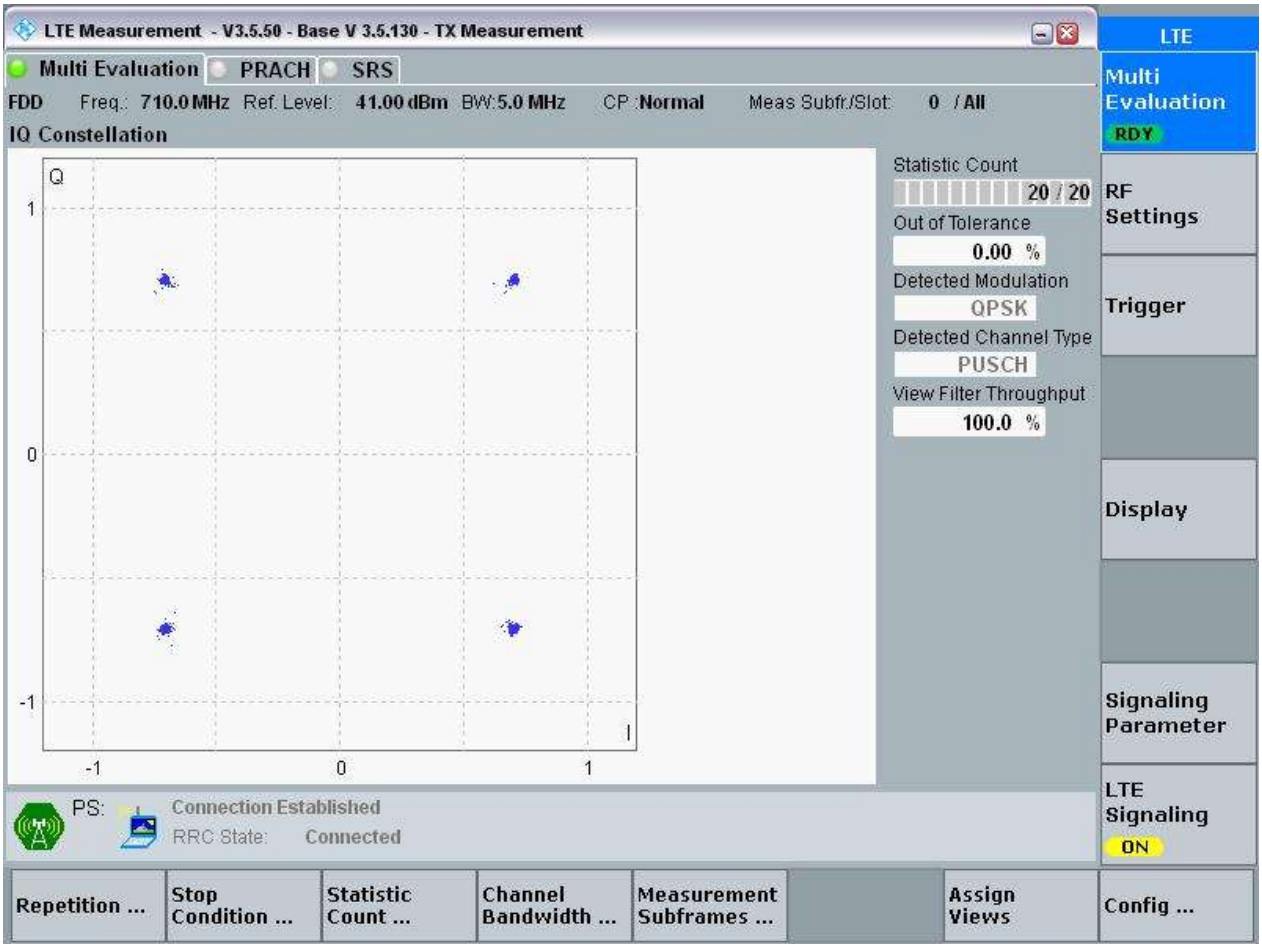
3.1.1 Test Band = BAND17

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

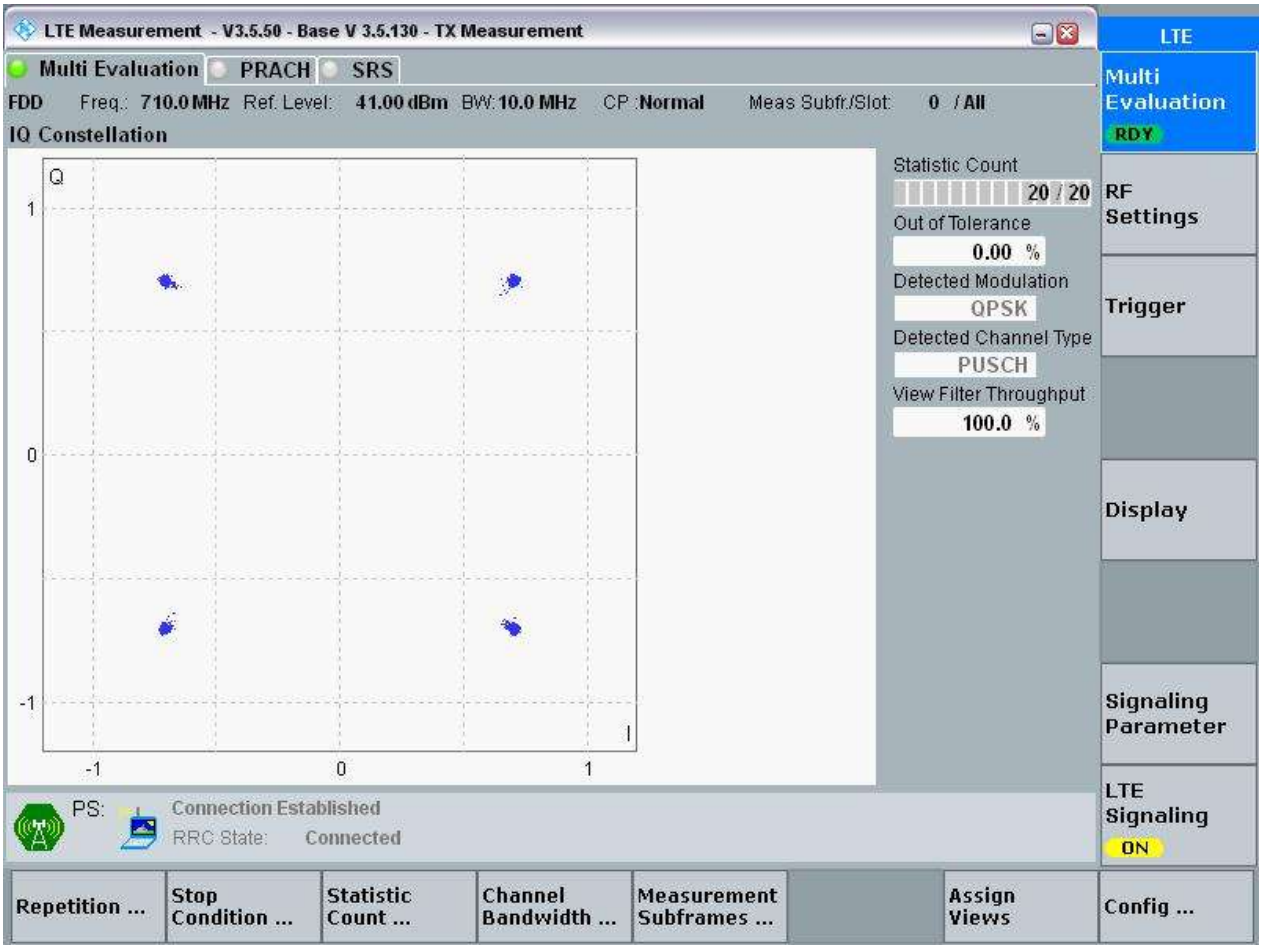
3.1.1.1.1.1.1 Test RB = RB25#0



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

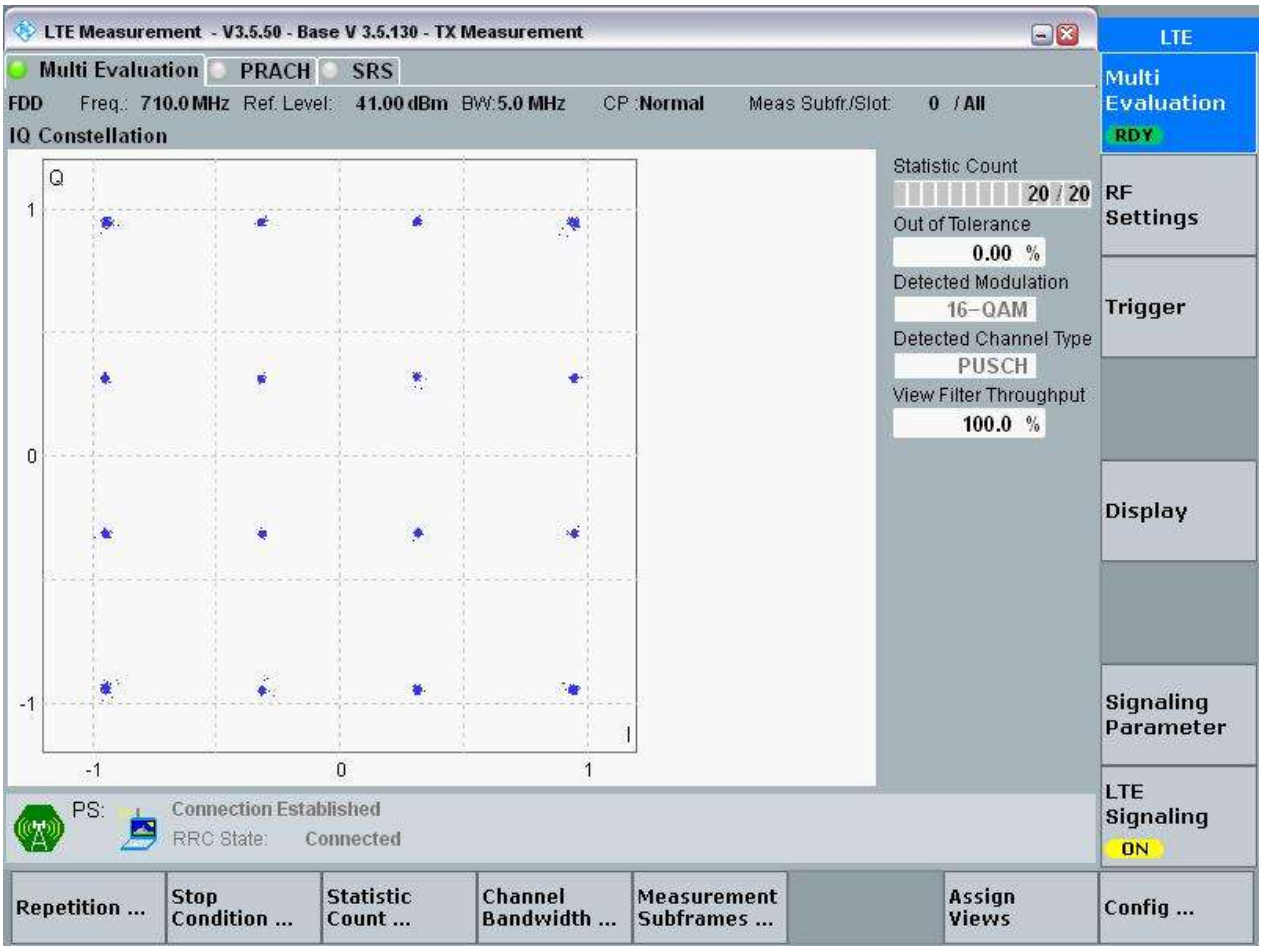


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

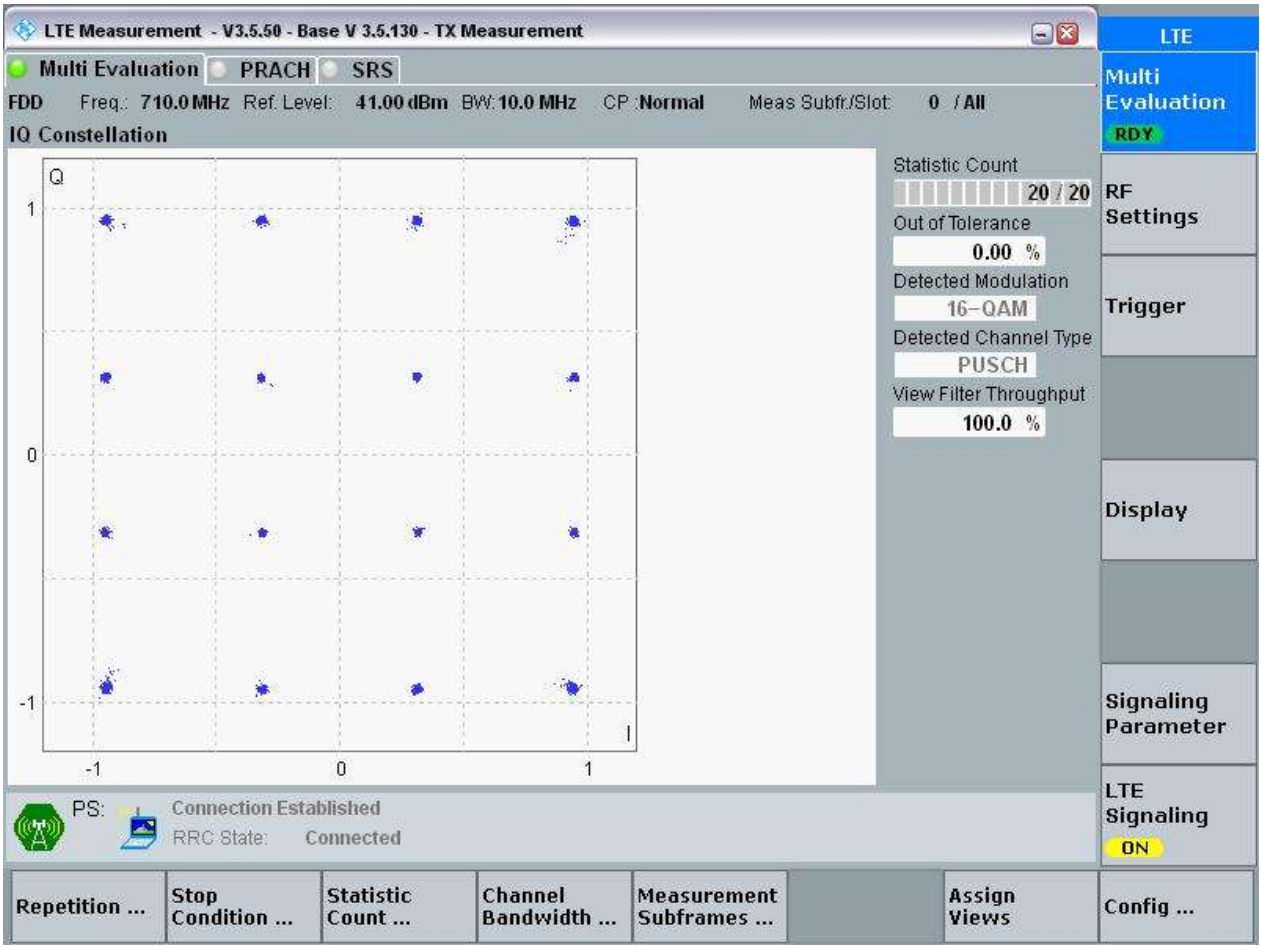
3.1.1.2.1.1.1 Test RB = RB25#0



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	4.96	Pass
			MCH	RB25#0	4.53	4.96	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	9.01	9.95	Pass
			MCH	RB50#0	8.98	9.89	Pass
			HCH	RB50#0	9.00	9.93	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	8.99	9.85	Pass
			MCH	RB50#0	9.01	9.81	Pass
			HCH	RB50#0	8.99	9.91	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

5.1.1.1.1.1.2 Test RB = RB1#24

5.1.1.1.1.1.3 Test RB = RB12#6

5.1.1.1.1.1.4 Test RB = RB25#0

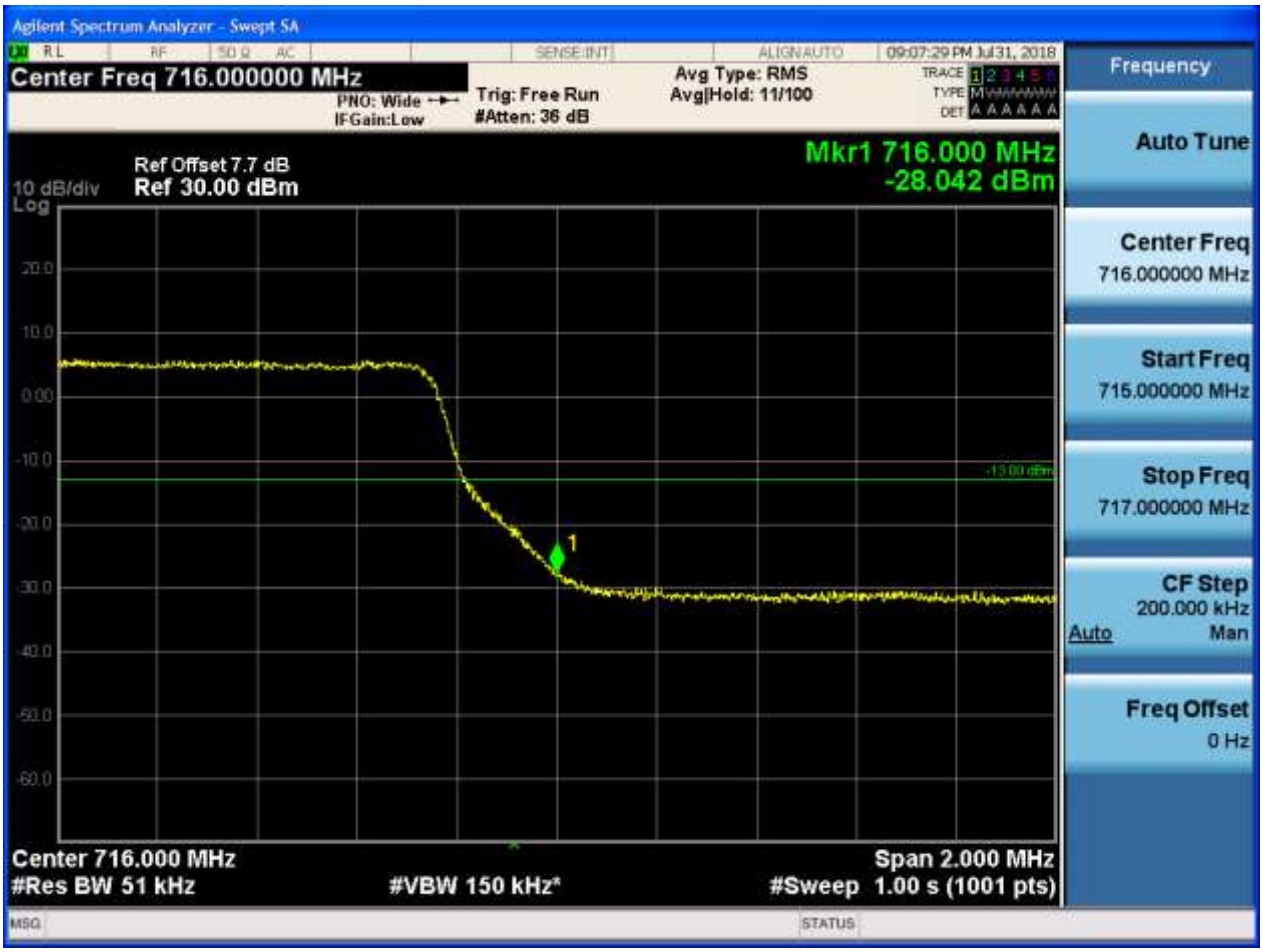
5.1.1.1.1.2 Test Channel = HCH

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



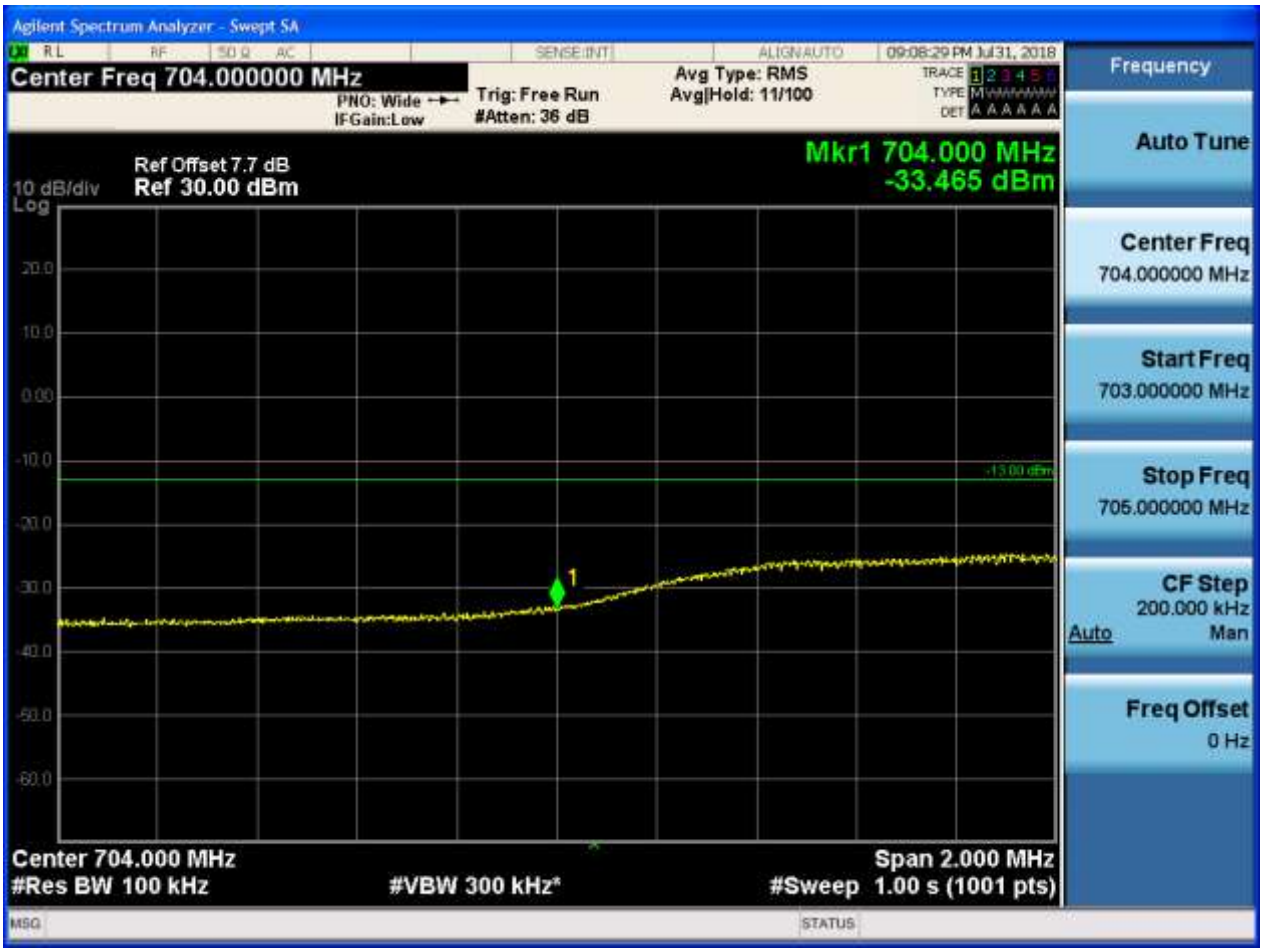
5.1.1.1.2 Test Bandwidth = 10

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

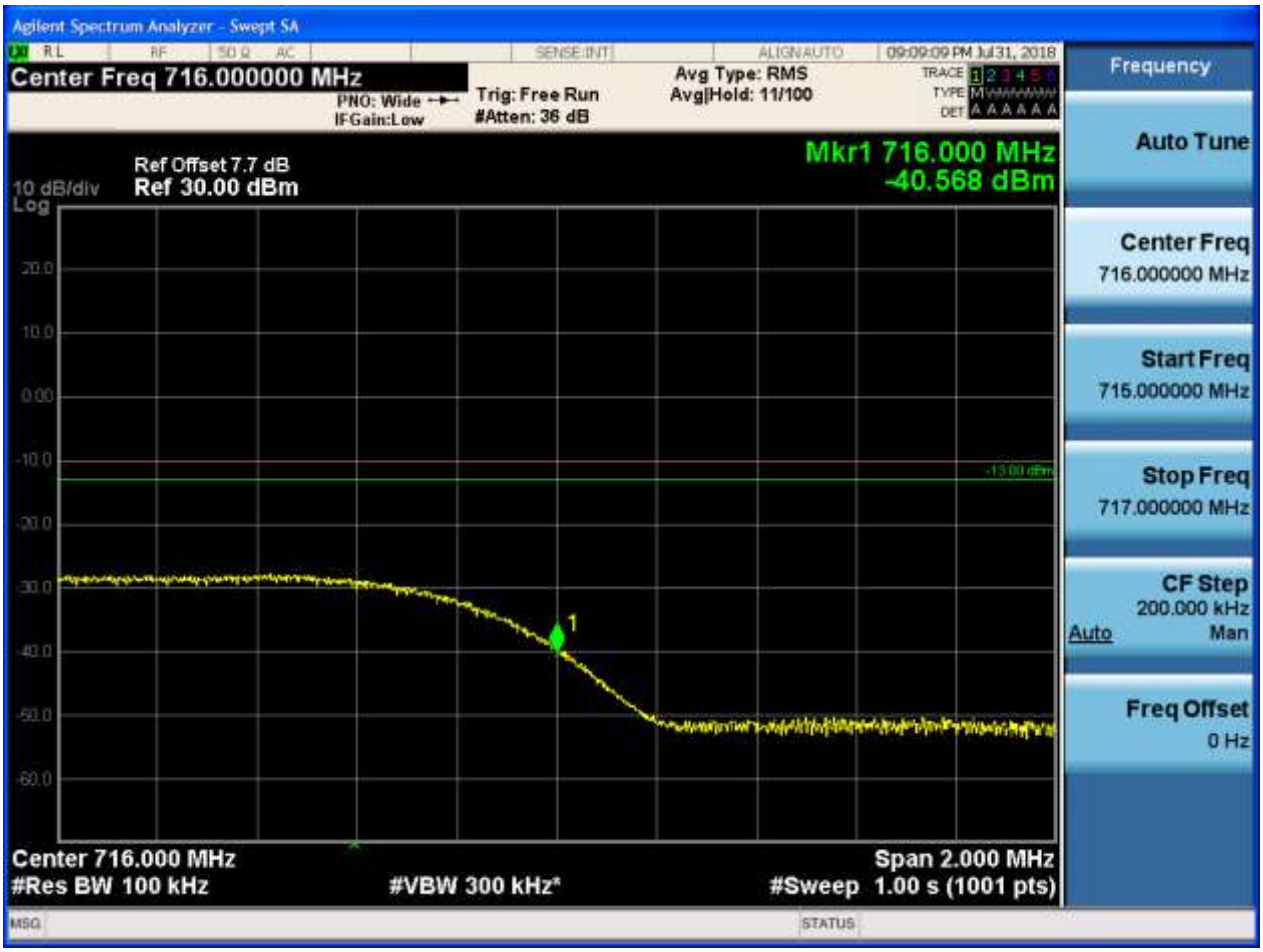
5.1.1.1.2.1.3 Test RB = RB25#13



5.1.1.1.2.1.4 Test RB = RB50#0

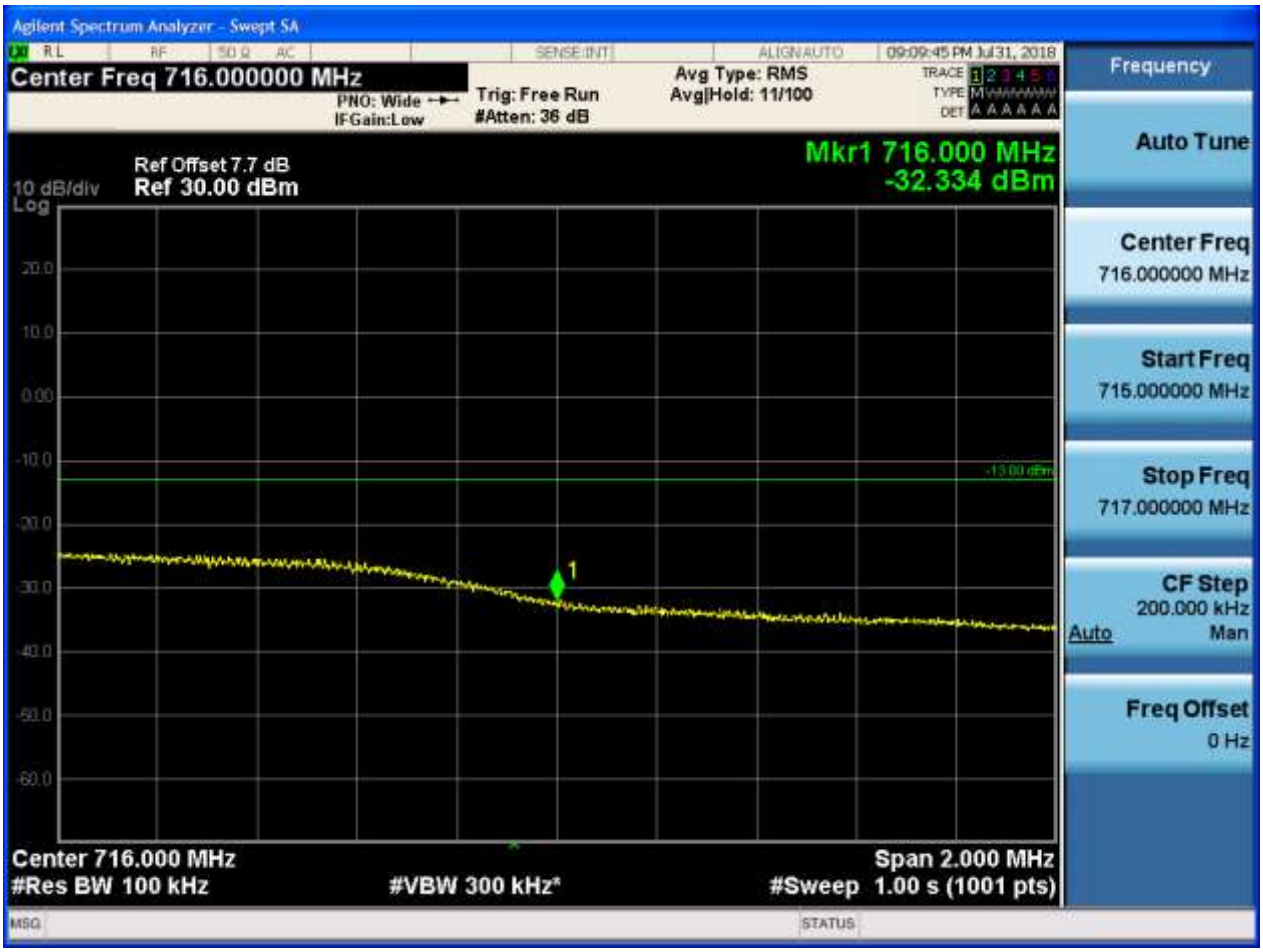
5.1.1.1.2.2 Test Channel = HCH

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

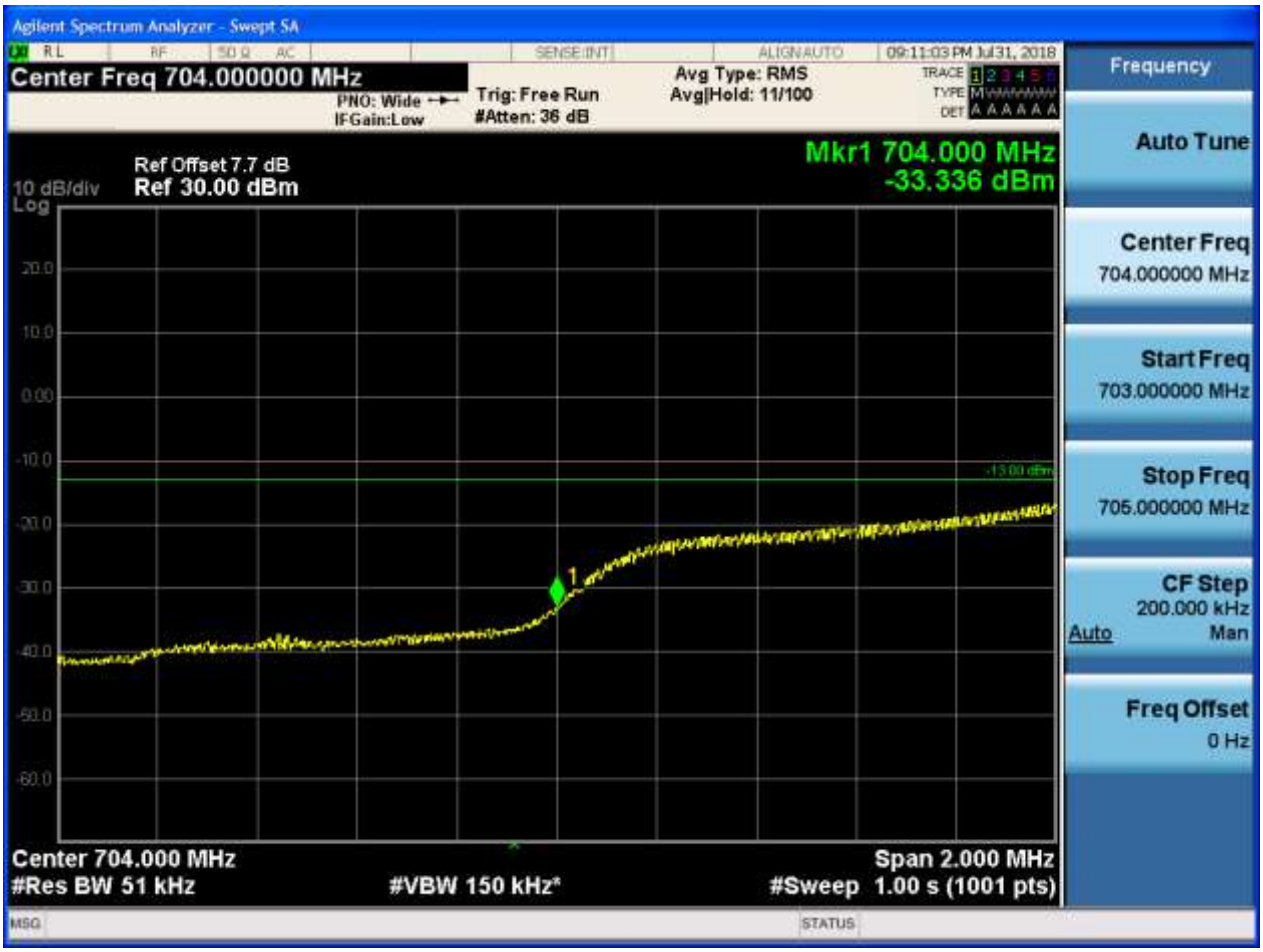
5.1.1.2.1 Test Bandwidth = 5

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

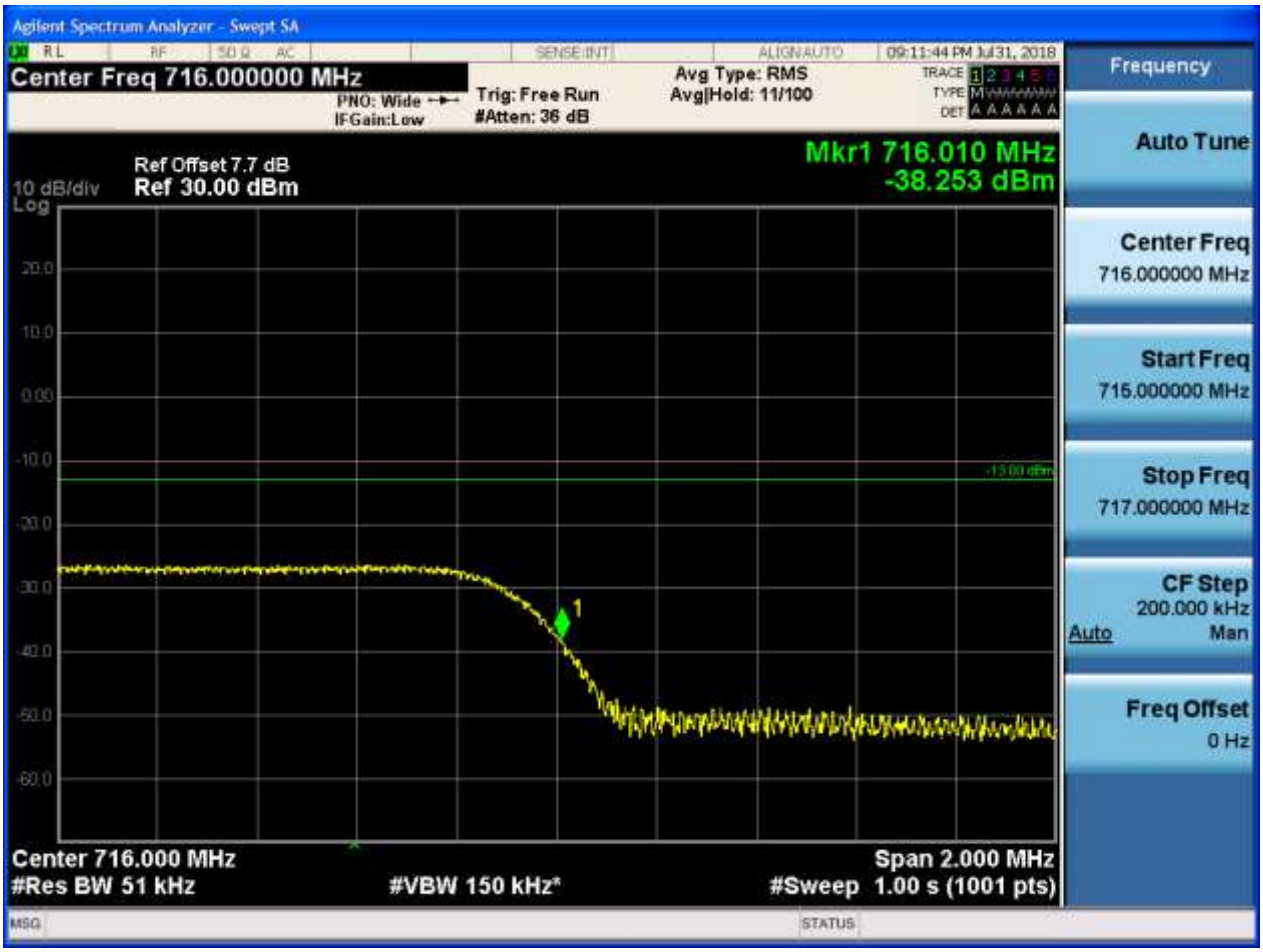
5.1.1.2.1.1.3 Test RB = RB12#6



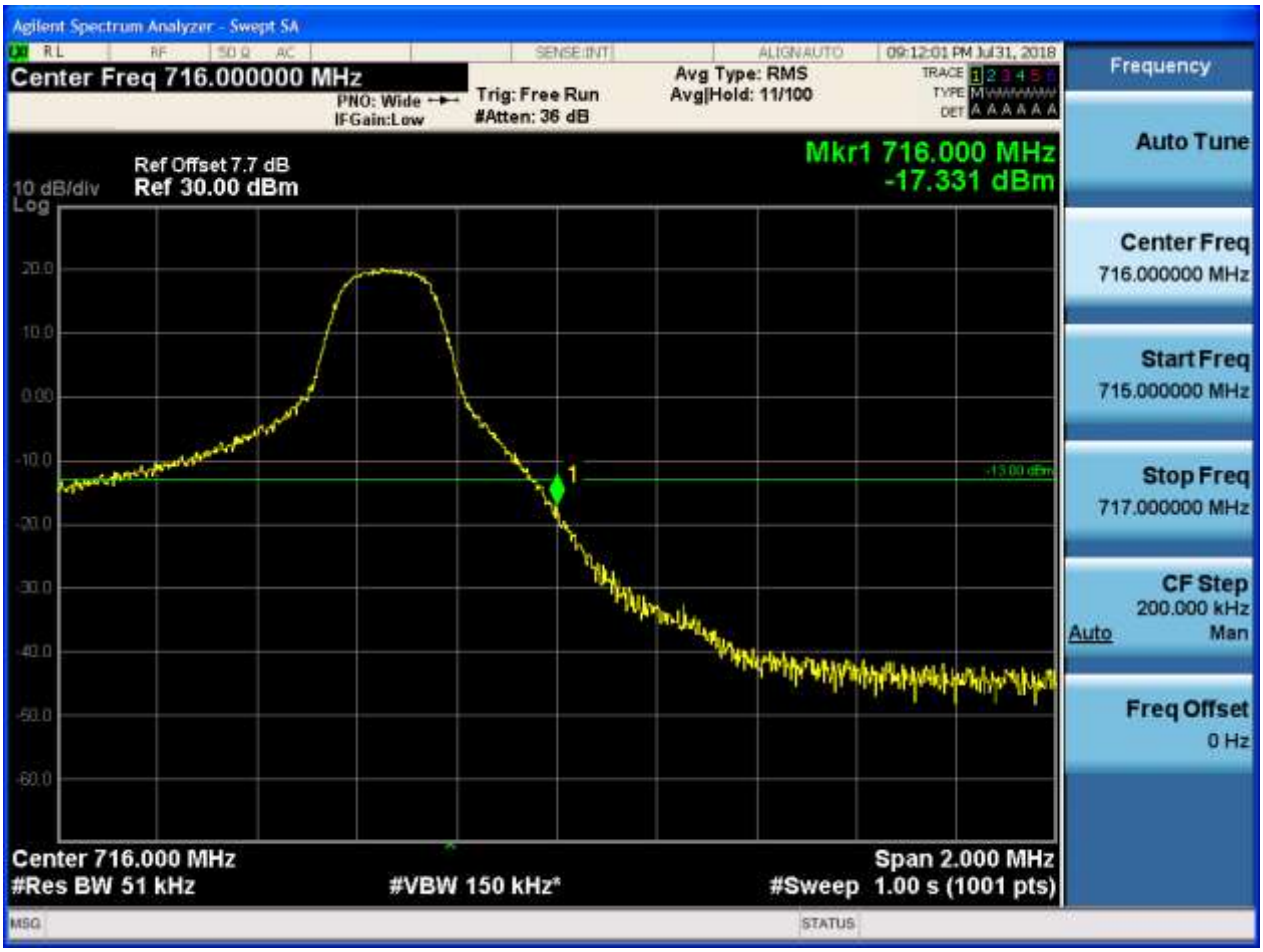
5.1.1.2.1.1.4 Test RB = RB25#0

5.1.1.2.1.2 Test Channel = HCH

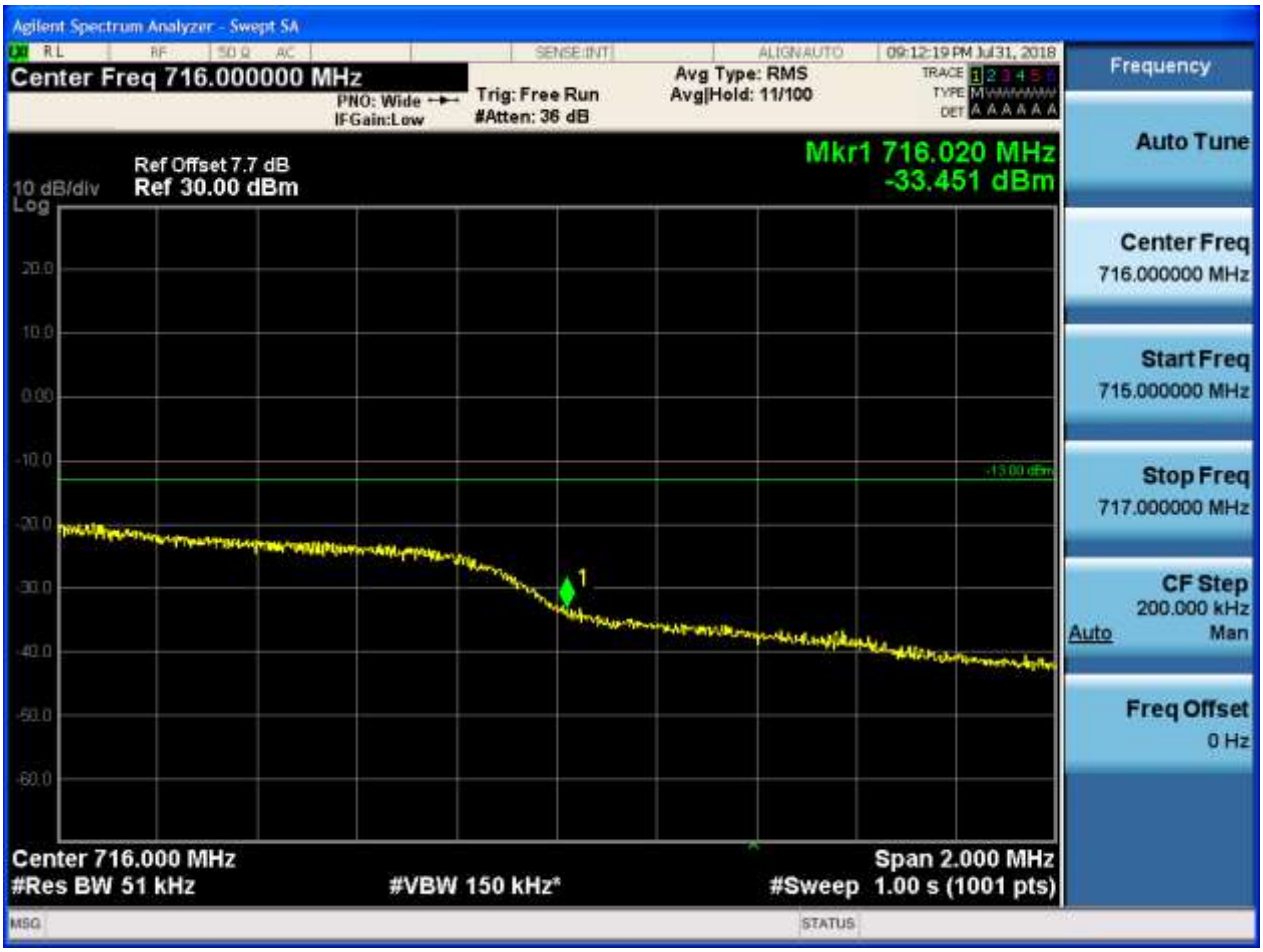
5.1.1.2.1.2.1 Test RB = RB1#0



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

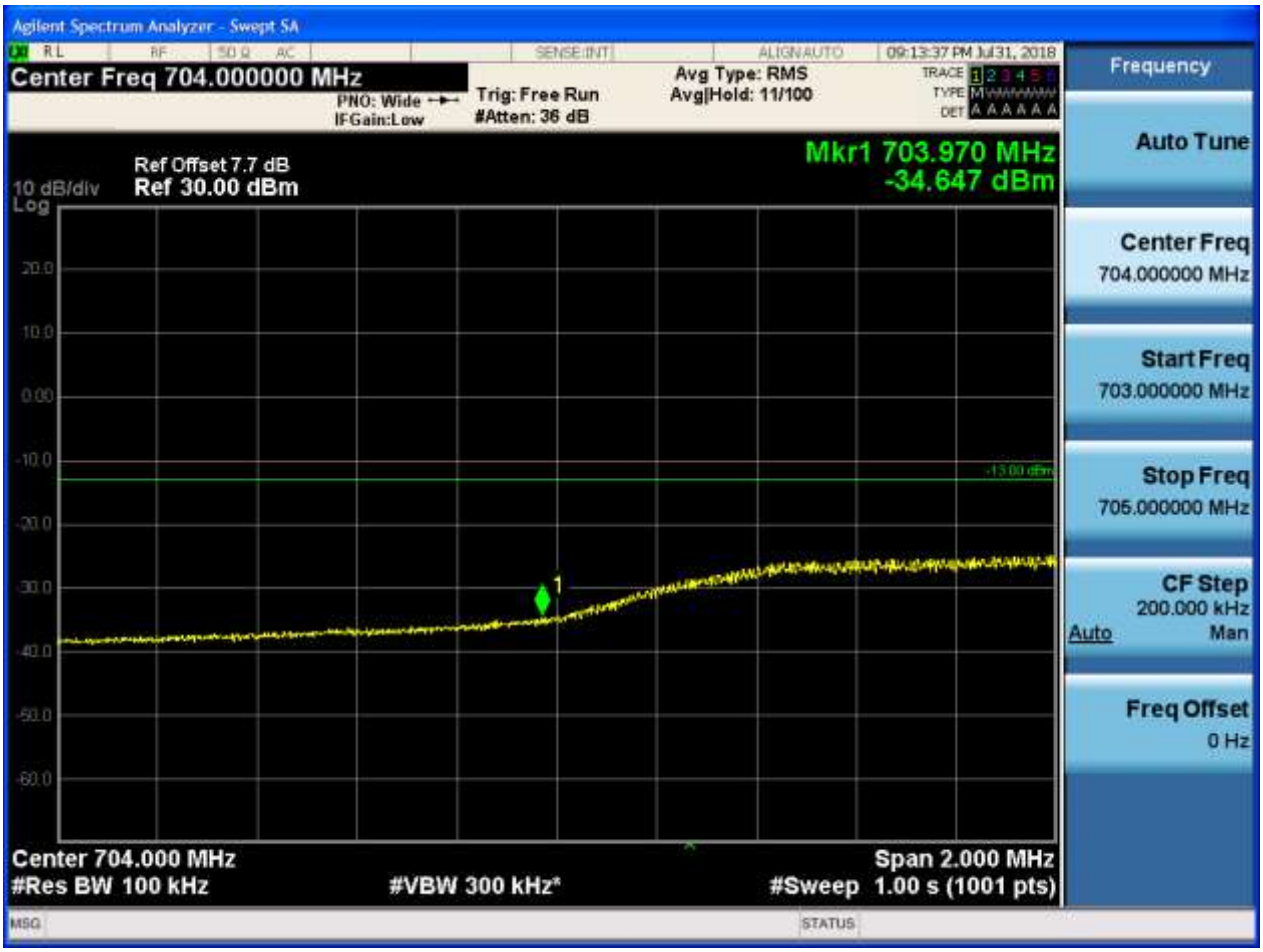
5.1.1.2.2 Test Bandwidth = 10

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

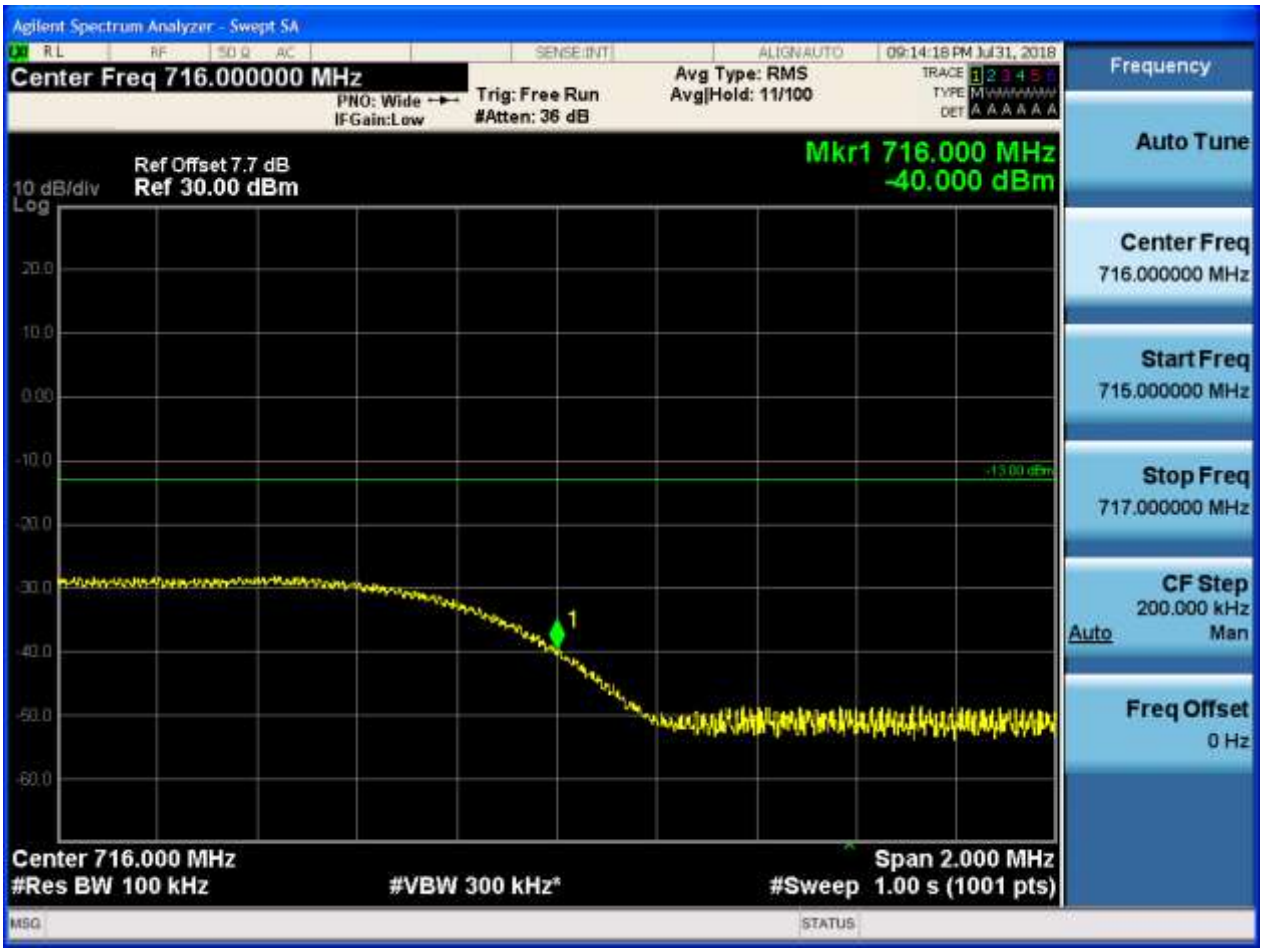
5.1.1.2.2.1.3 Test RB = RB25#13



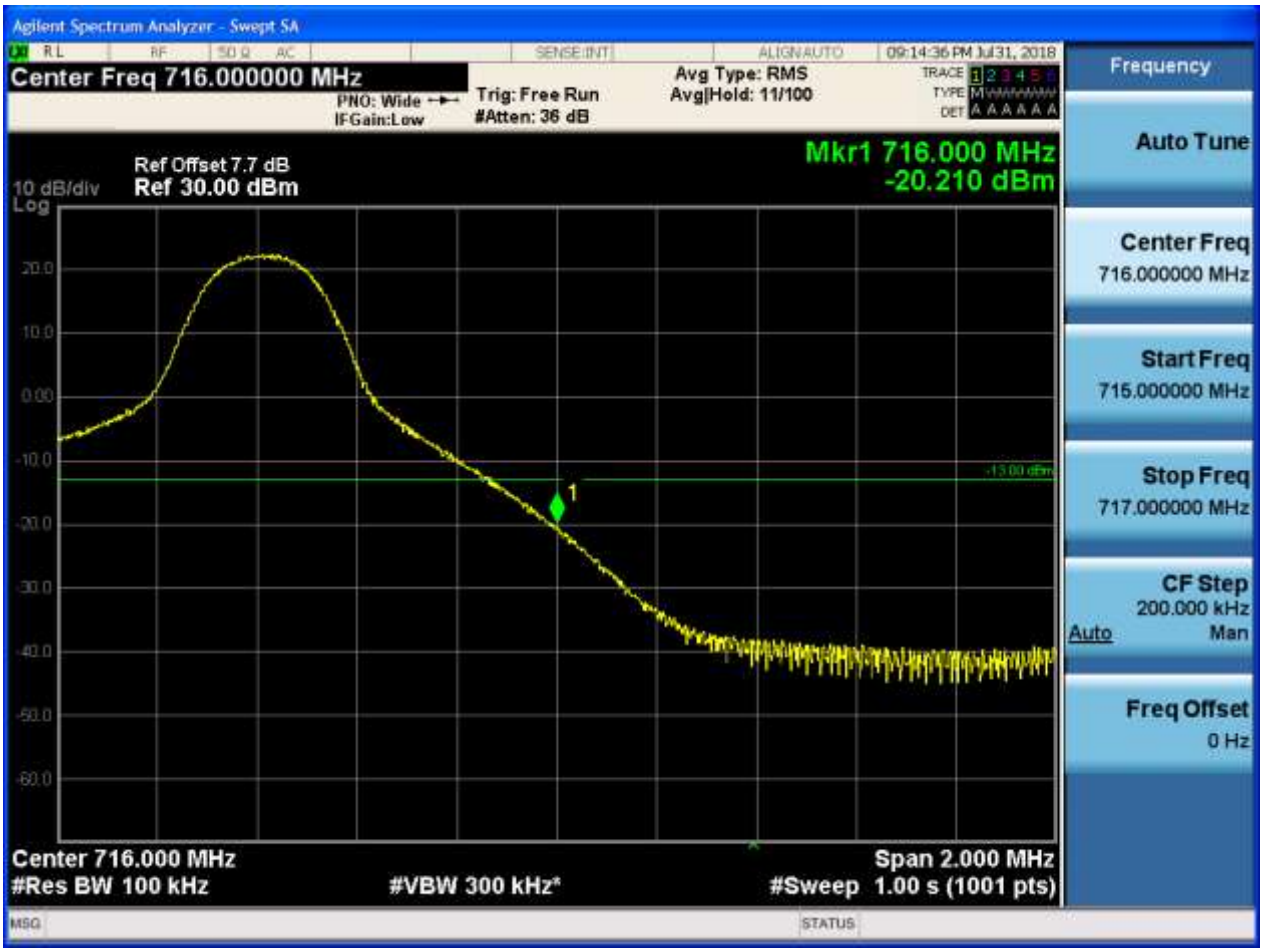
5.1.1.2.2.1.4 Test RB = RB50#0

5.1.1.2.2.2 Test Channel = HCH

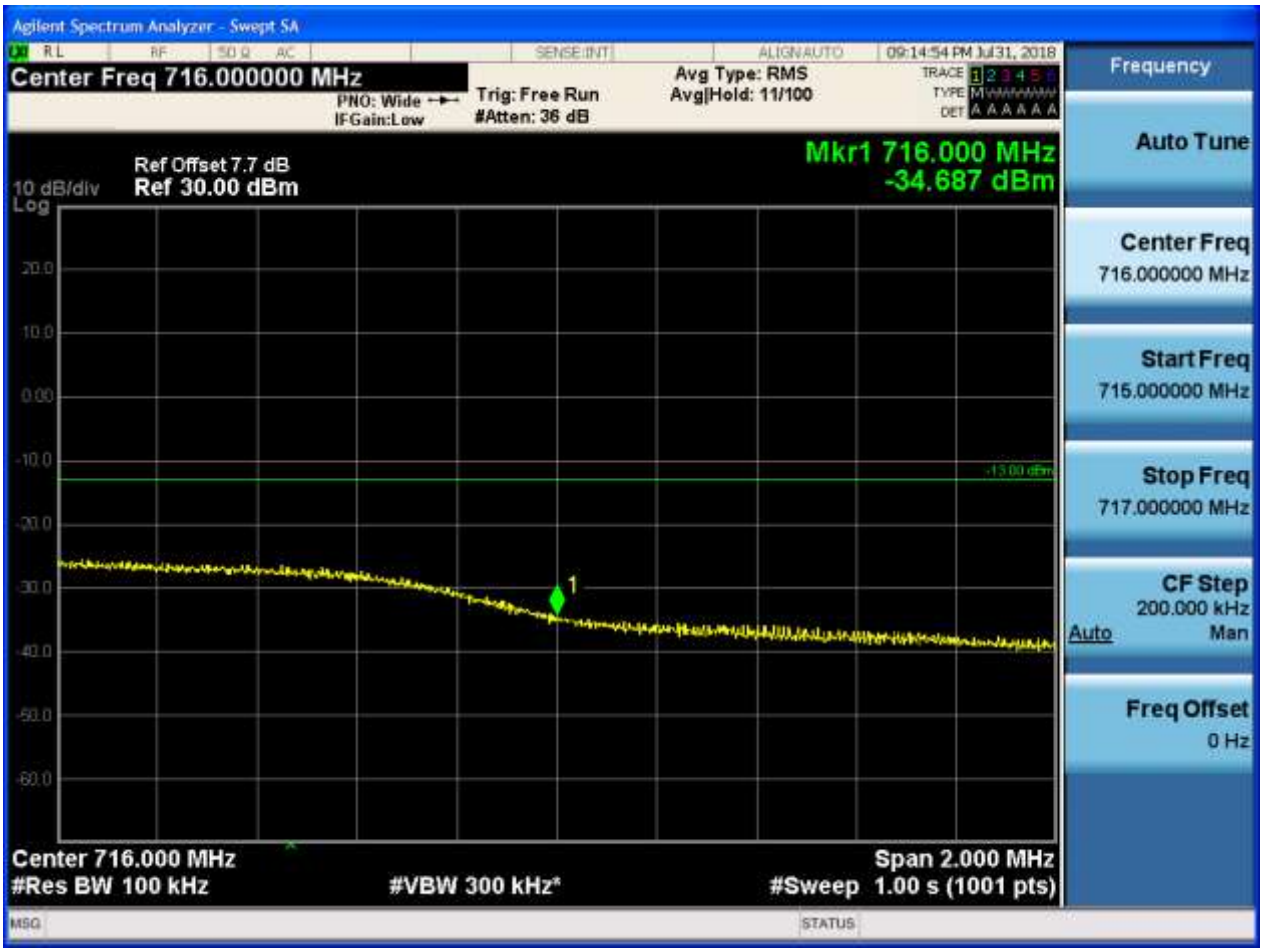
5.1.1.2.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#49



5.1.1.2.2.3 Test RB = RB25#13



5.1.1.2.2.2.4 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

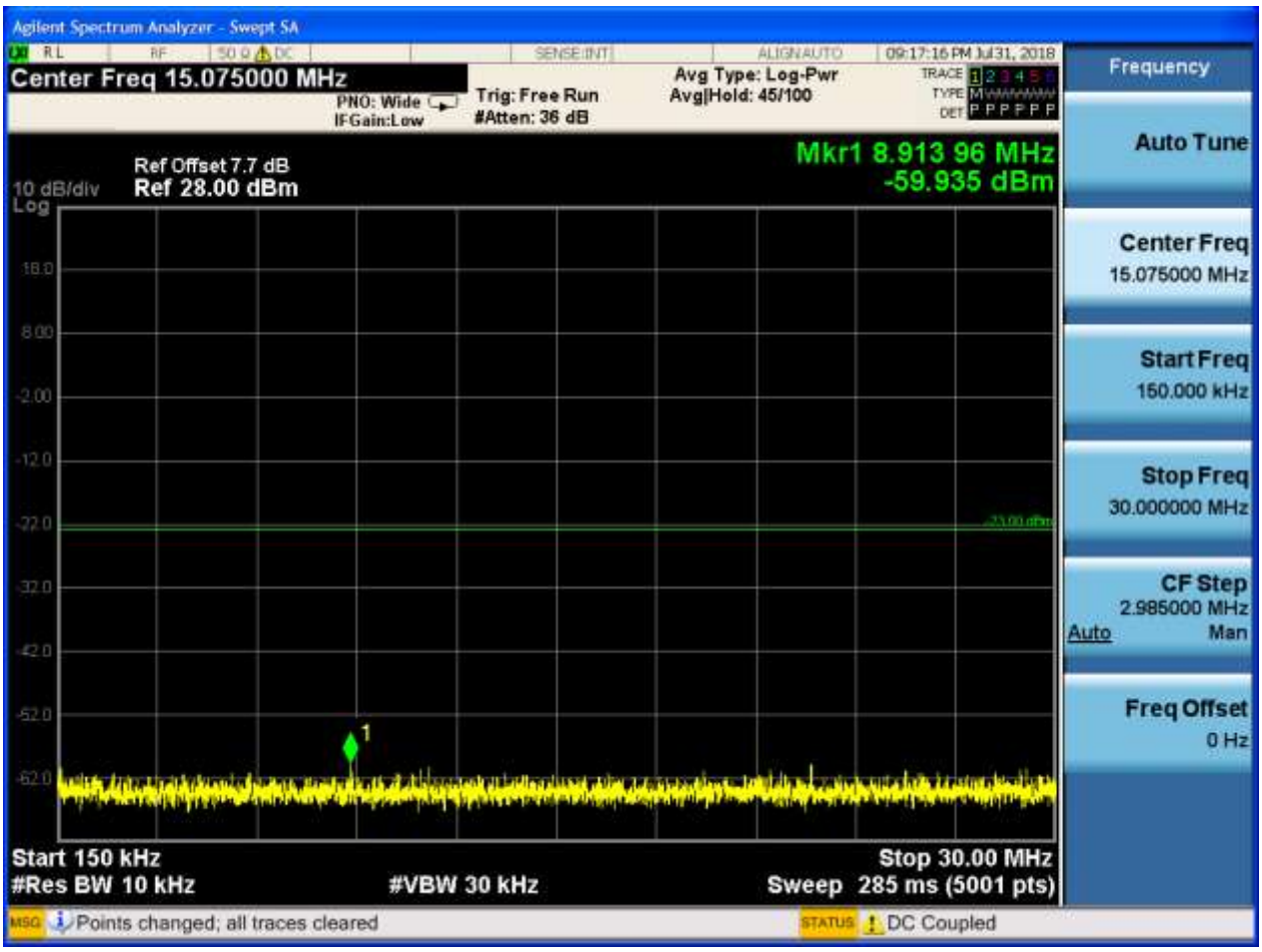
6.1.1 Test Band = BAND17

6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 5

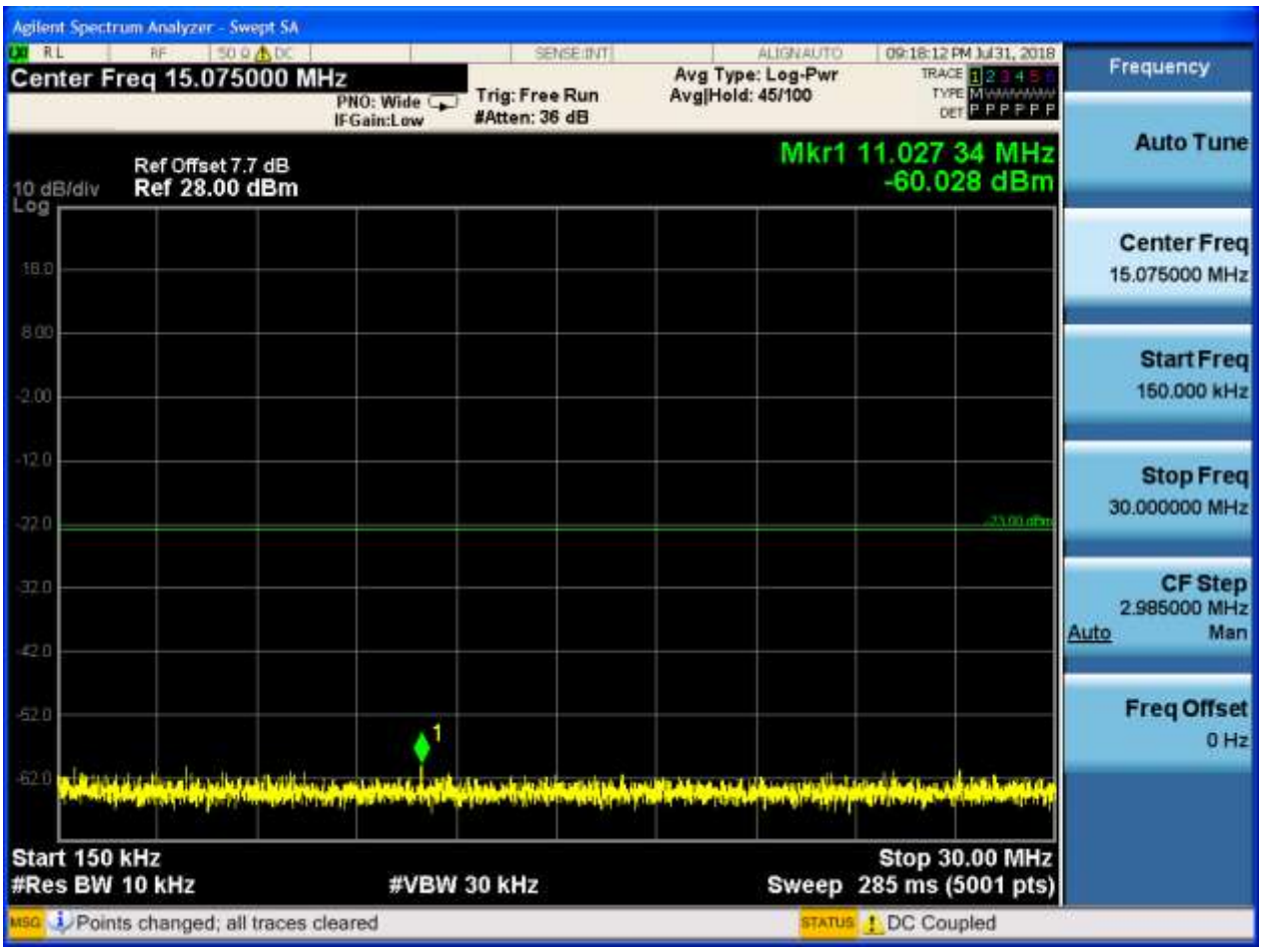
6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0



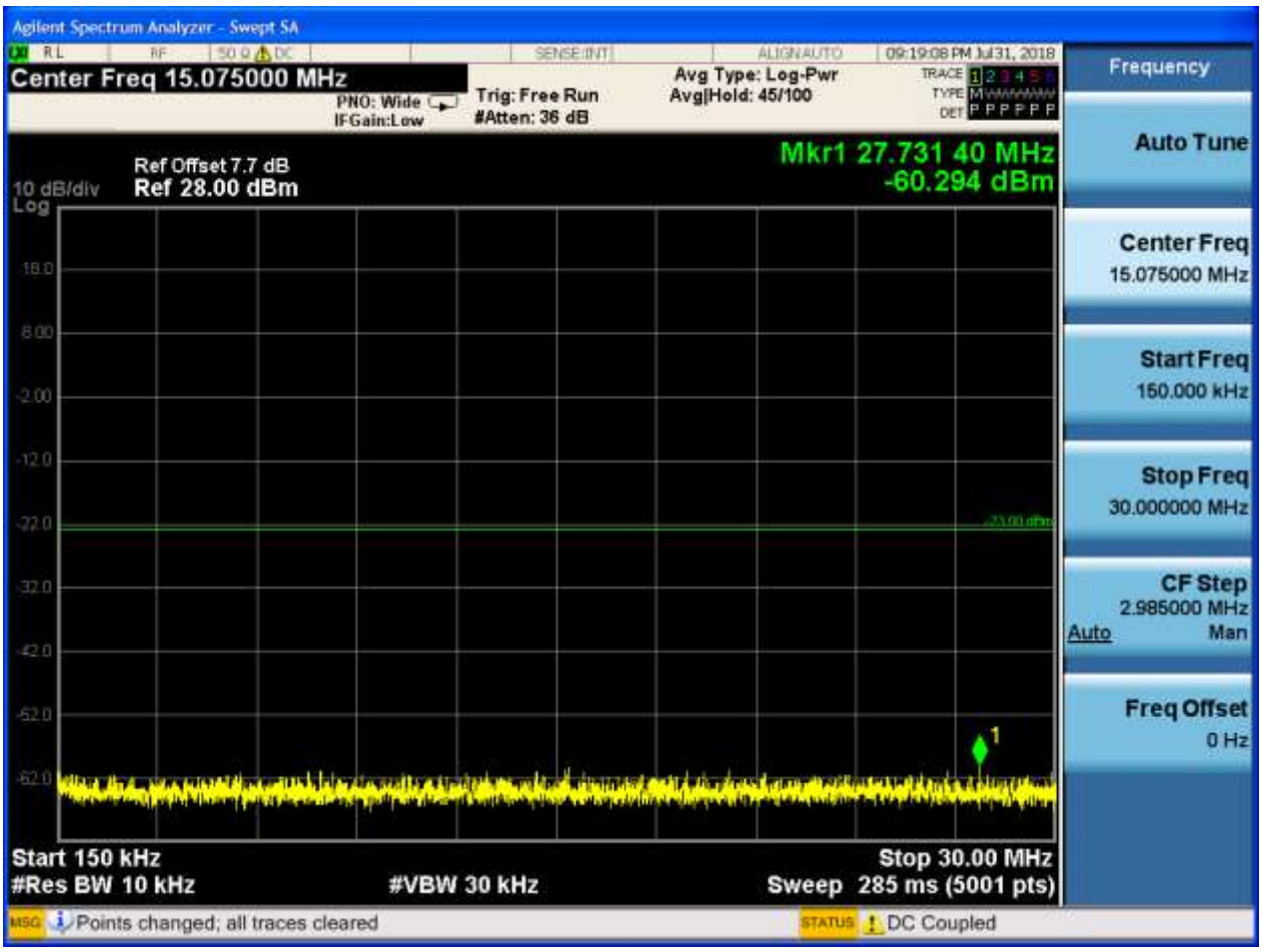
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0



6.1.1.1.1.3 Test Channel = HCH

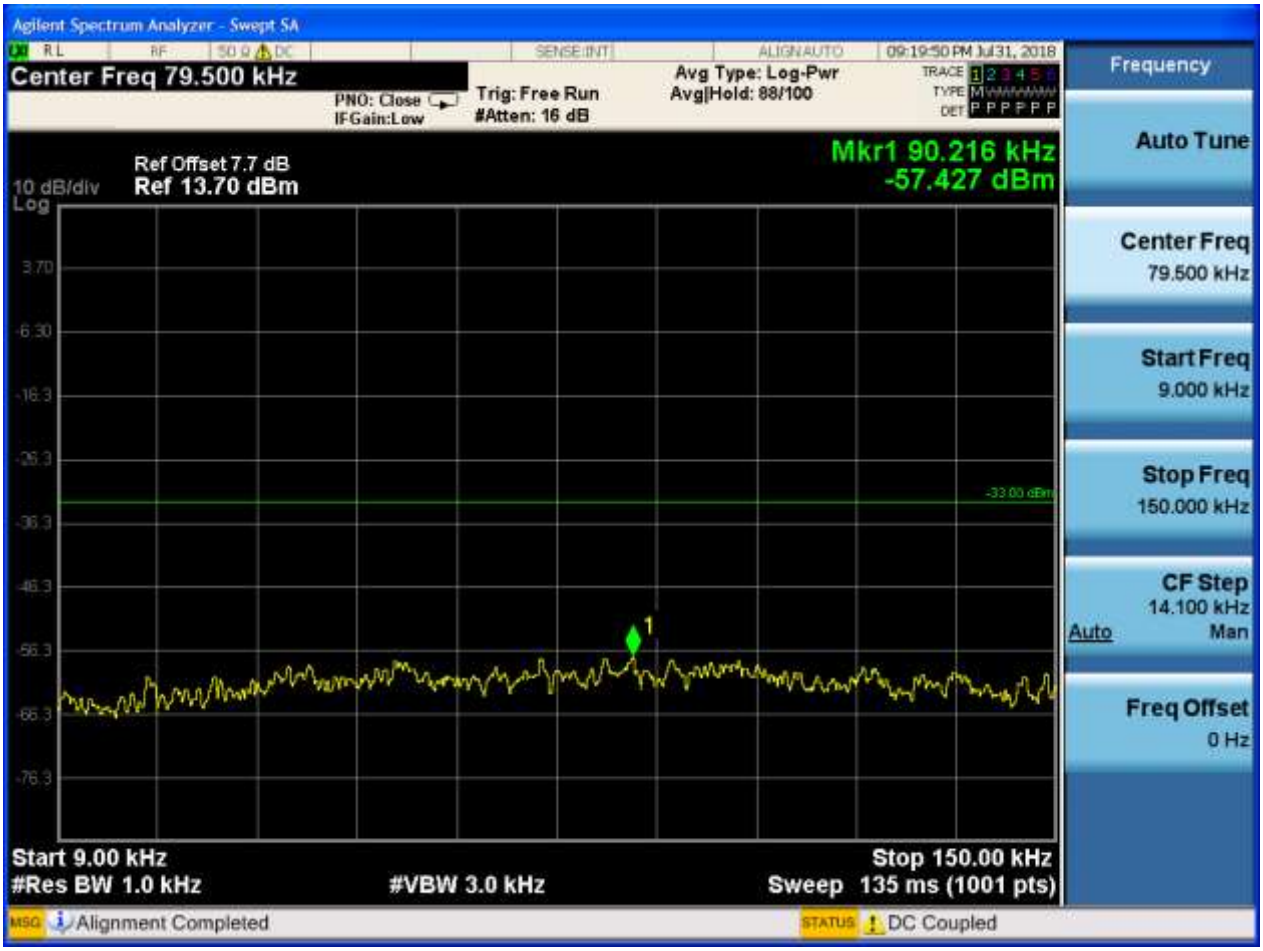
6.1.1.1.1.3.1 Test RB = RB1#0

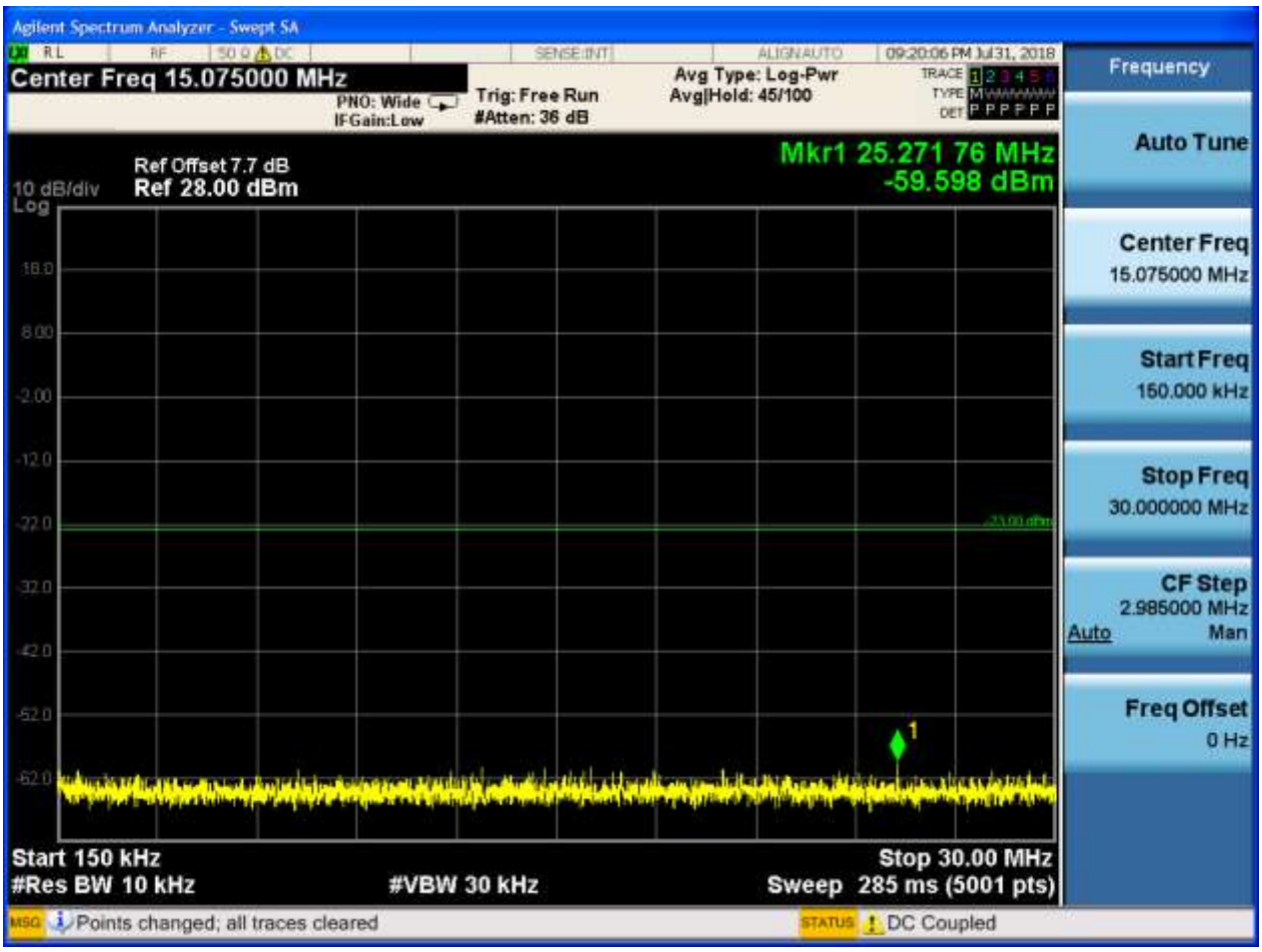


6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

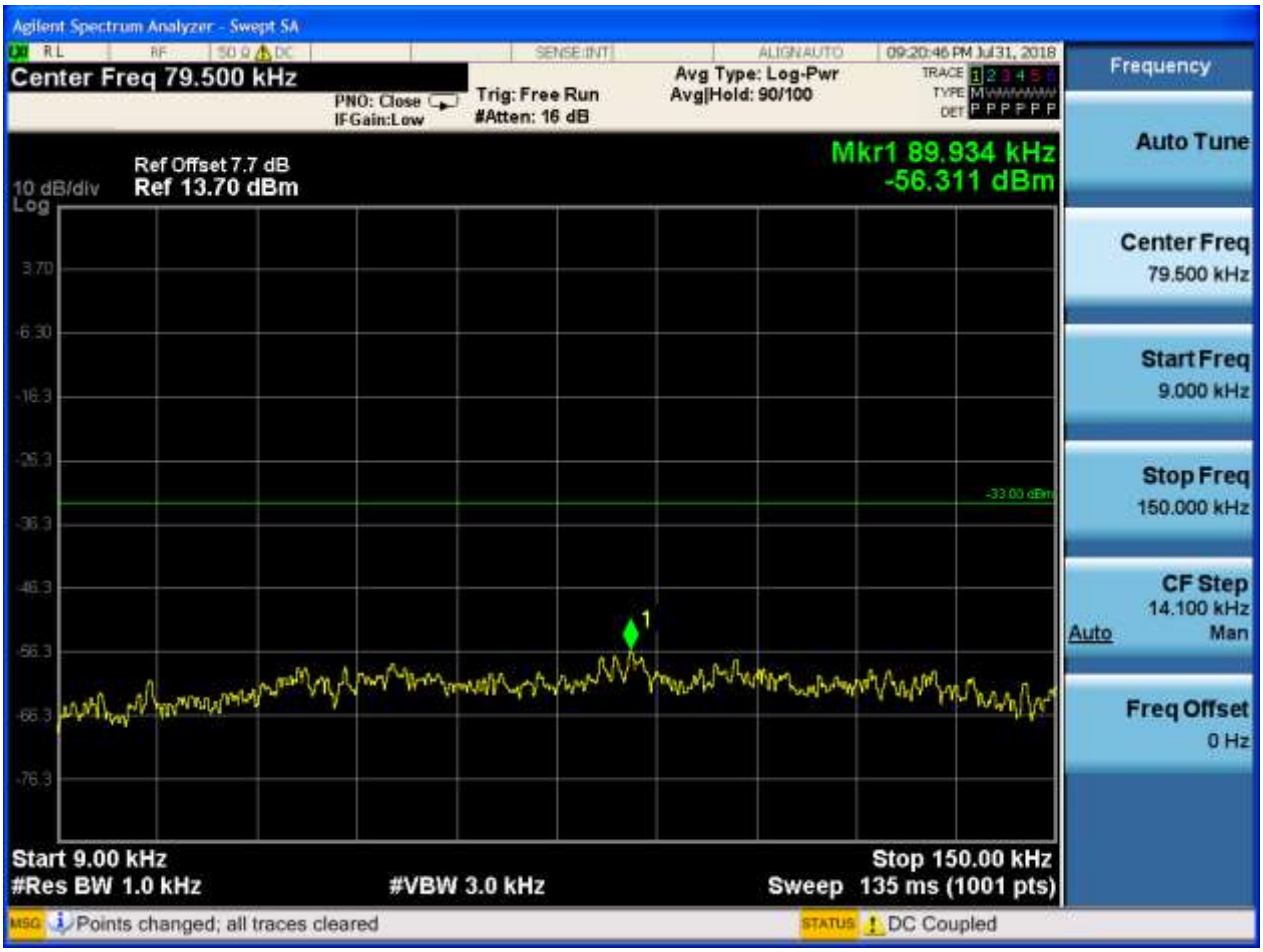
6.1.1.1.2.1.1 Test RB = RB1#0

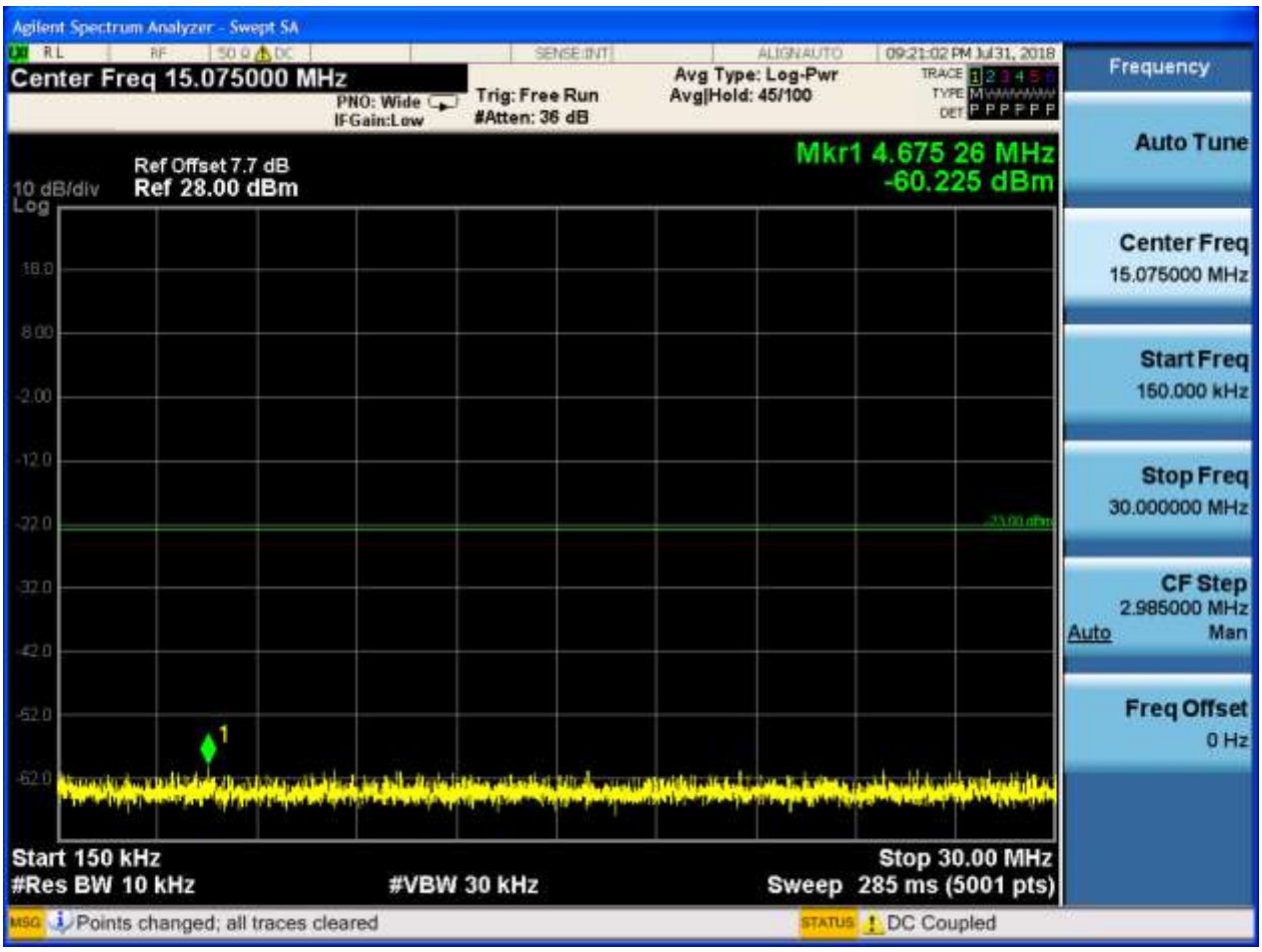




6.1.1.1.2.2 Test Channel = MCH

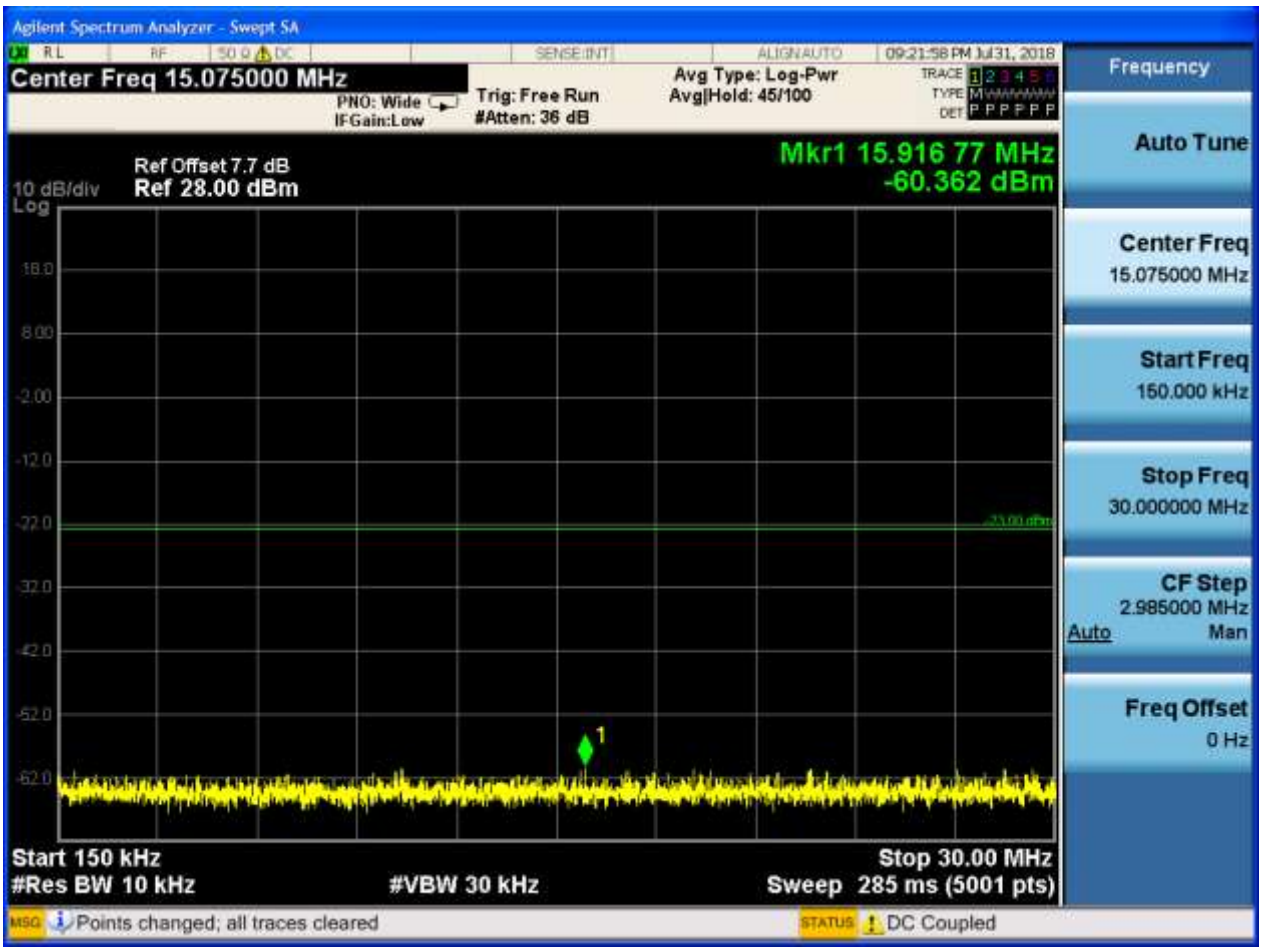
6.1.1.1.2.2.1 Test RB = RB1#0

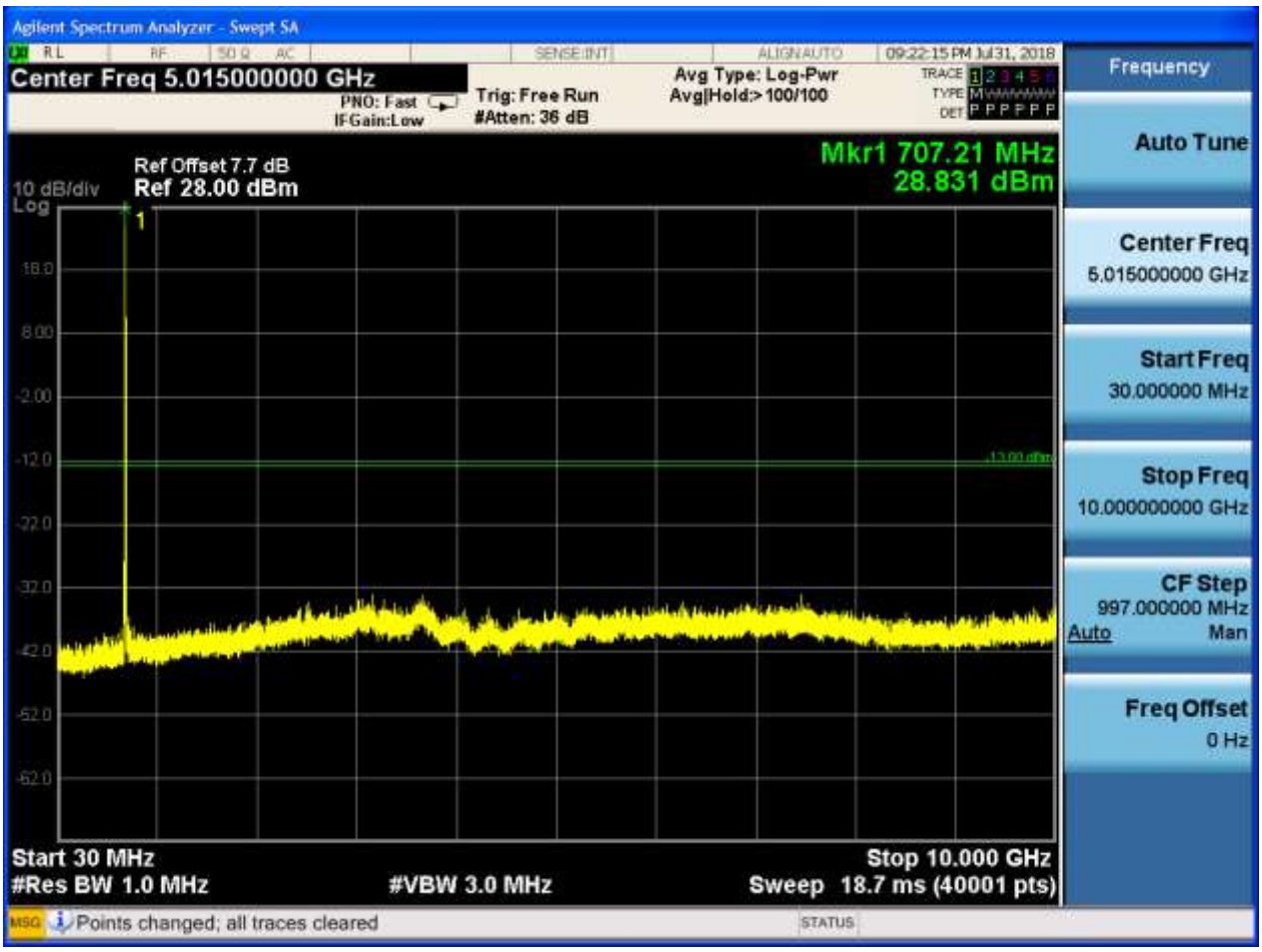




6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0



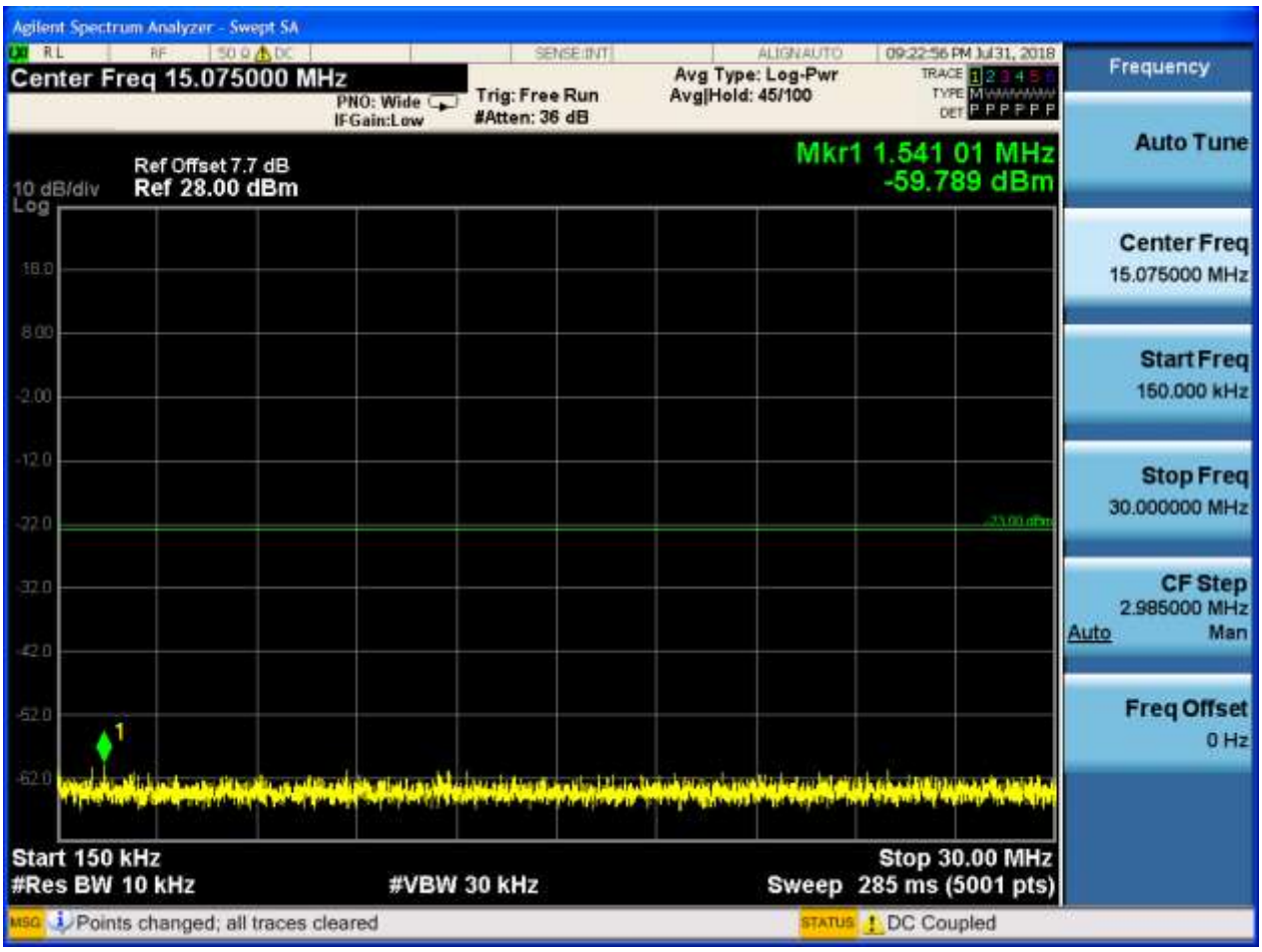


6.1.1.2 Test Mode = LTE/TM2

6.1.1.2.1 Test Bandwidth = 5

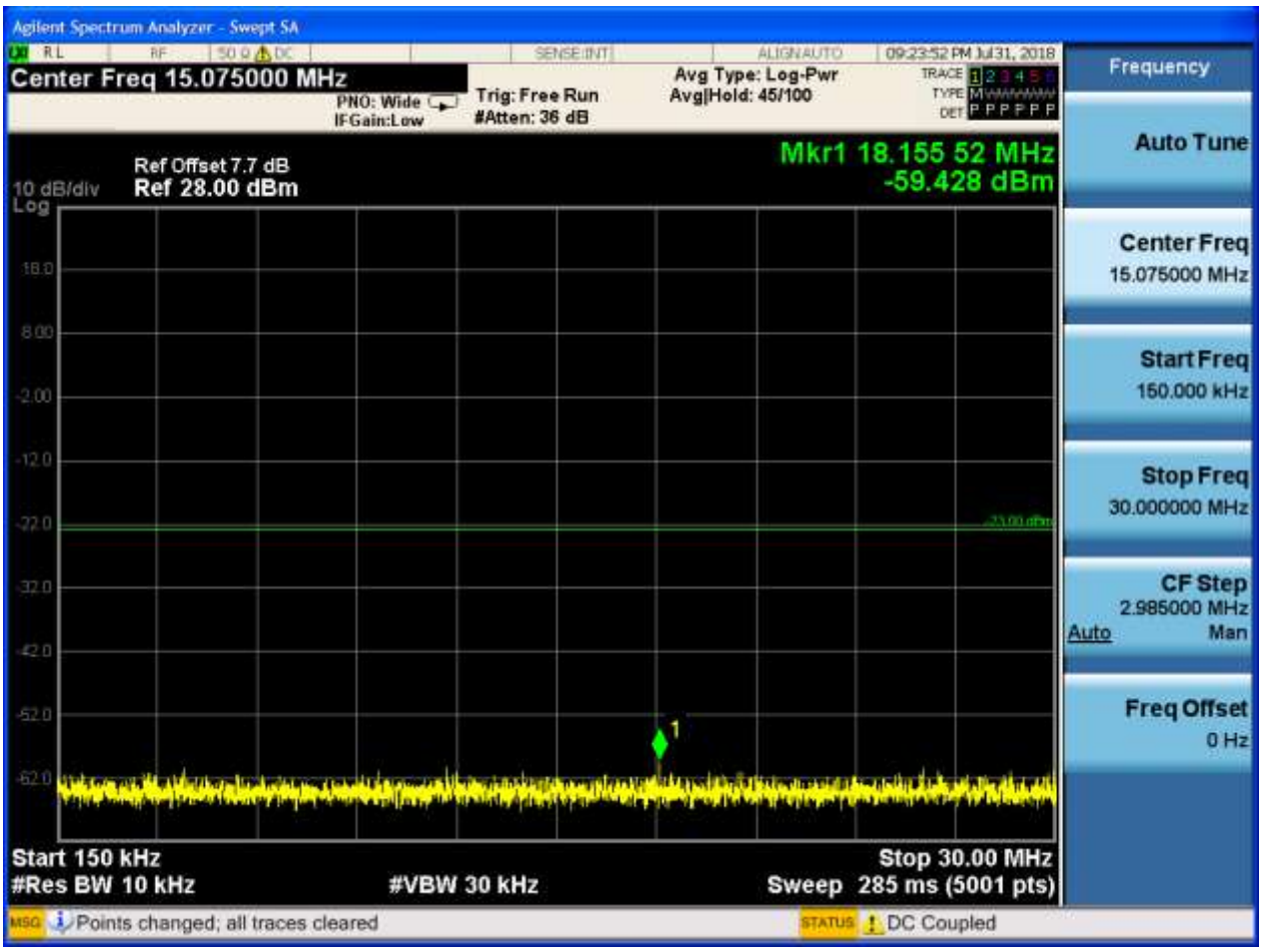
6.1.1.2.1.1 Test Channel = LCH

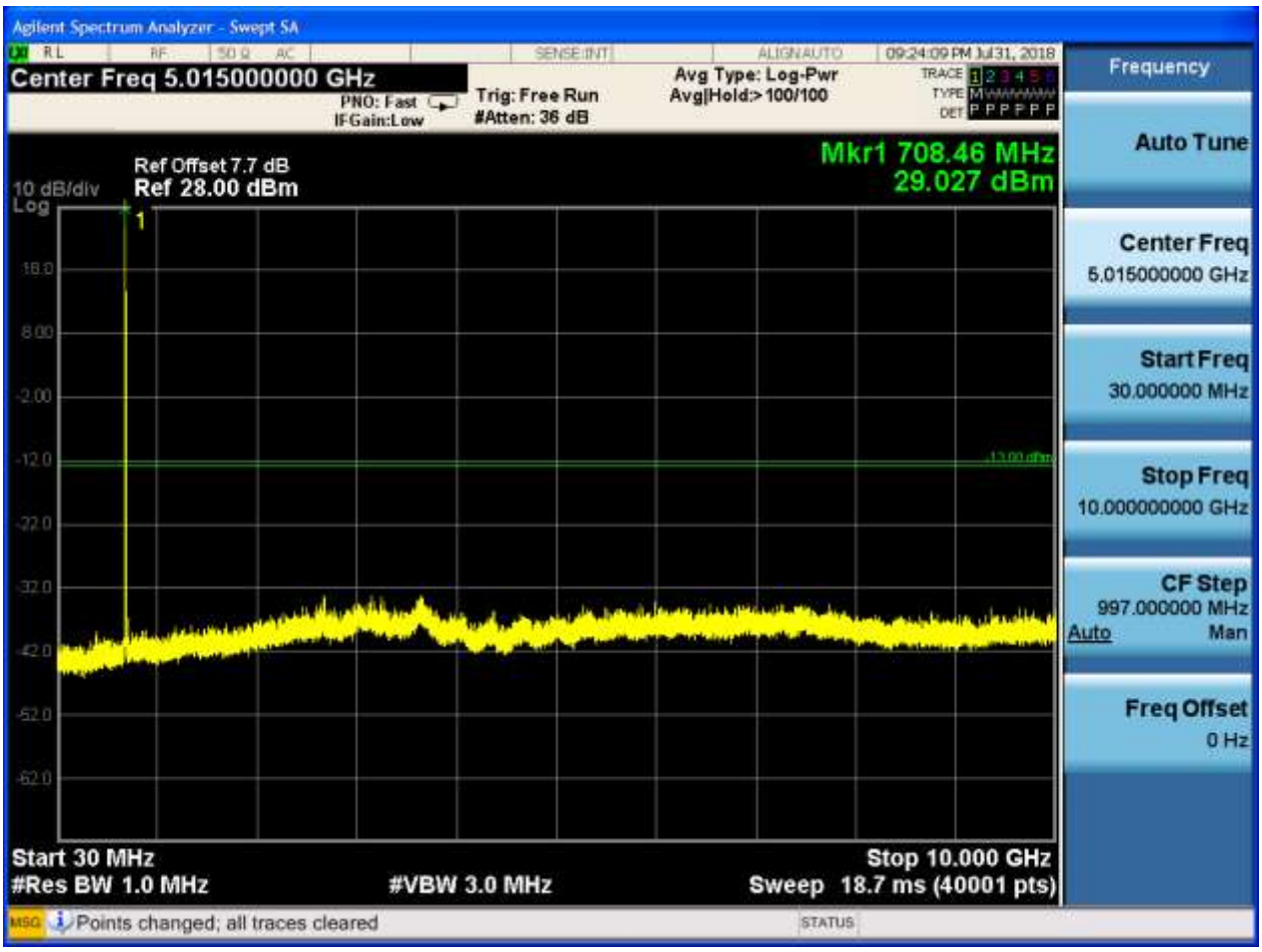
####### 6.1.1.2.1.1.1 Test RB = RB1#0



6.1.1.2.1.2 Test Channel = MCH

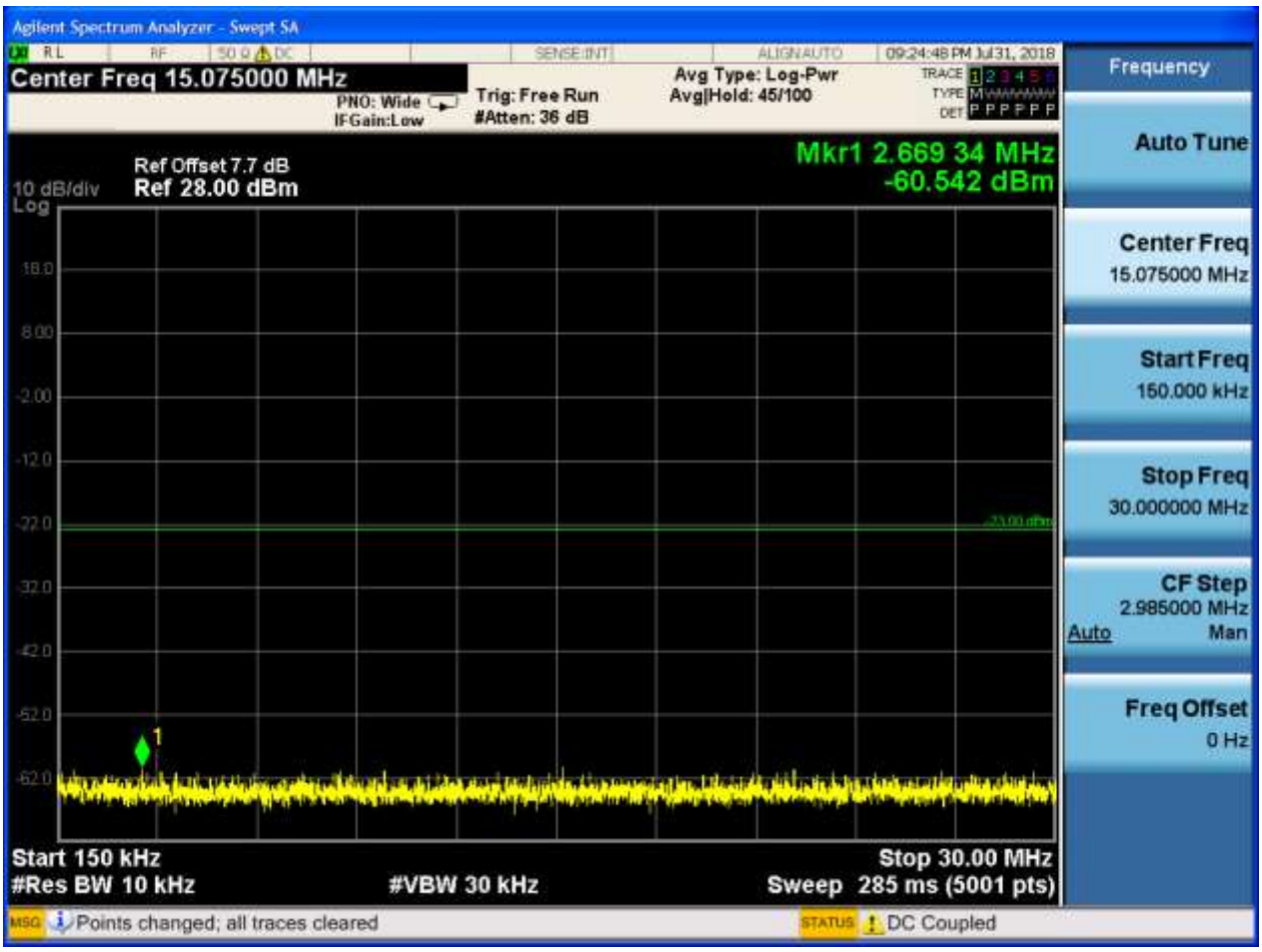
6.1.1.2.1.2.1 Test RB = RB1#0





6.1.1.2.1.3 Test Channel = HCH

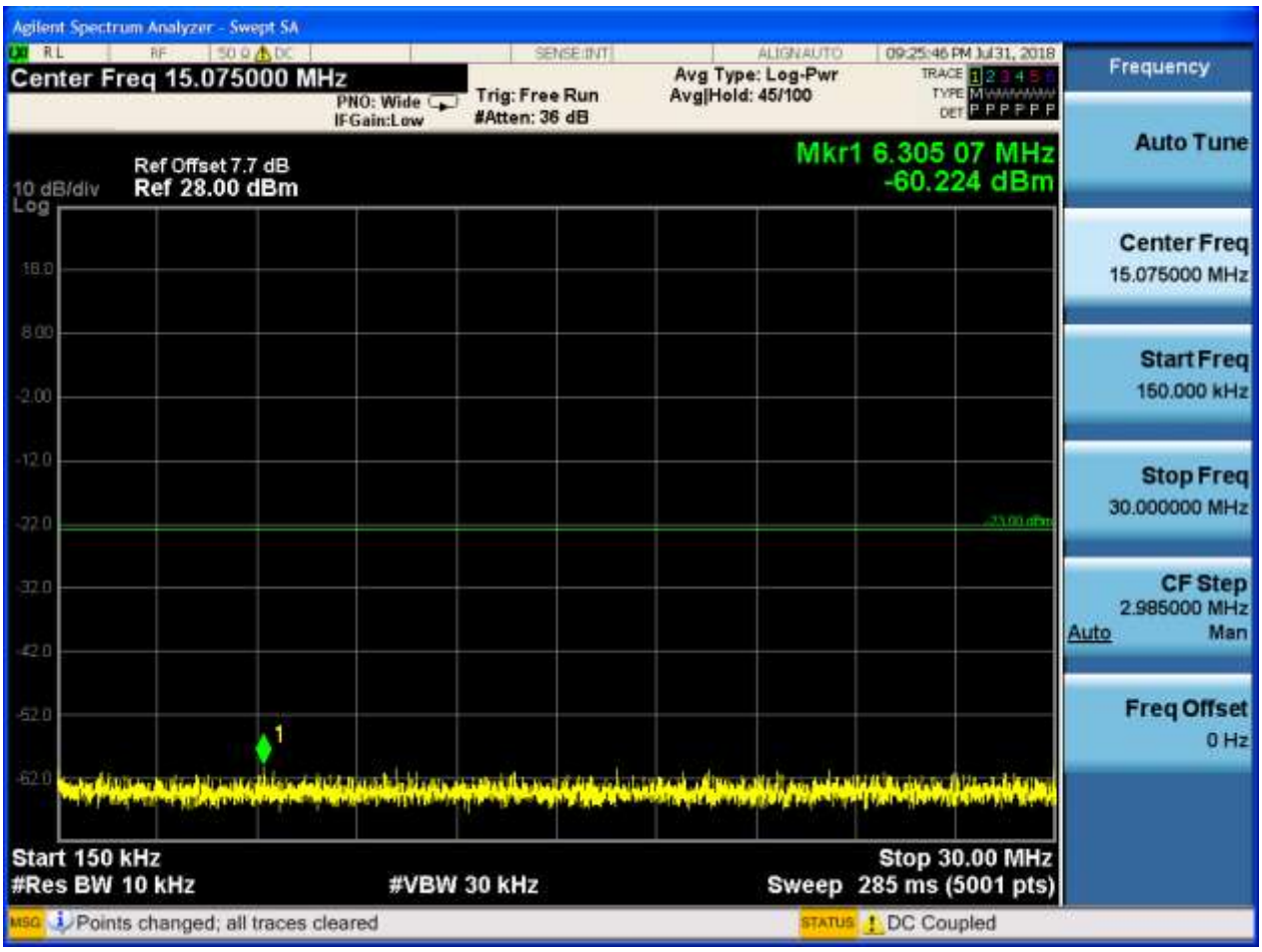
6.1.1.2.1.3.1 Test RB = RB1#0

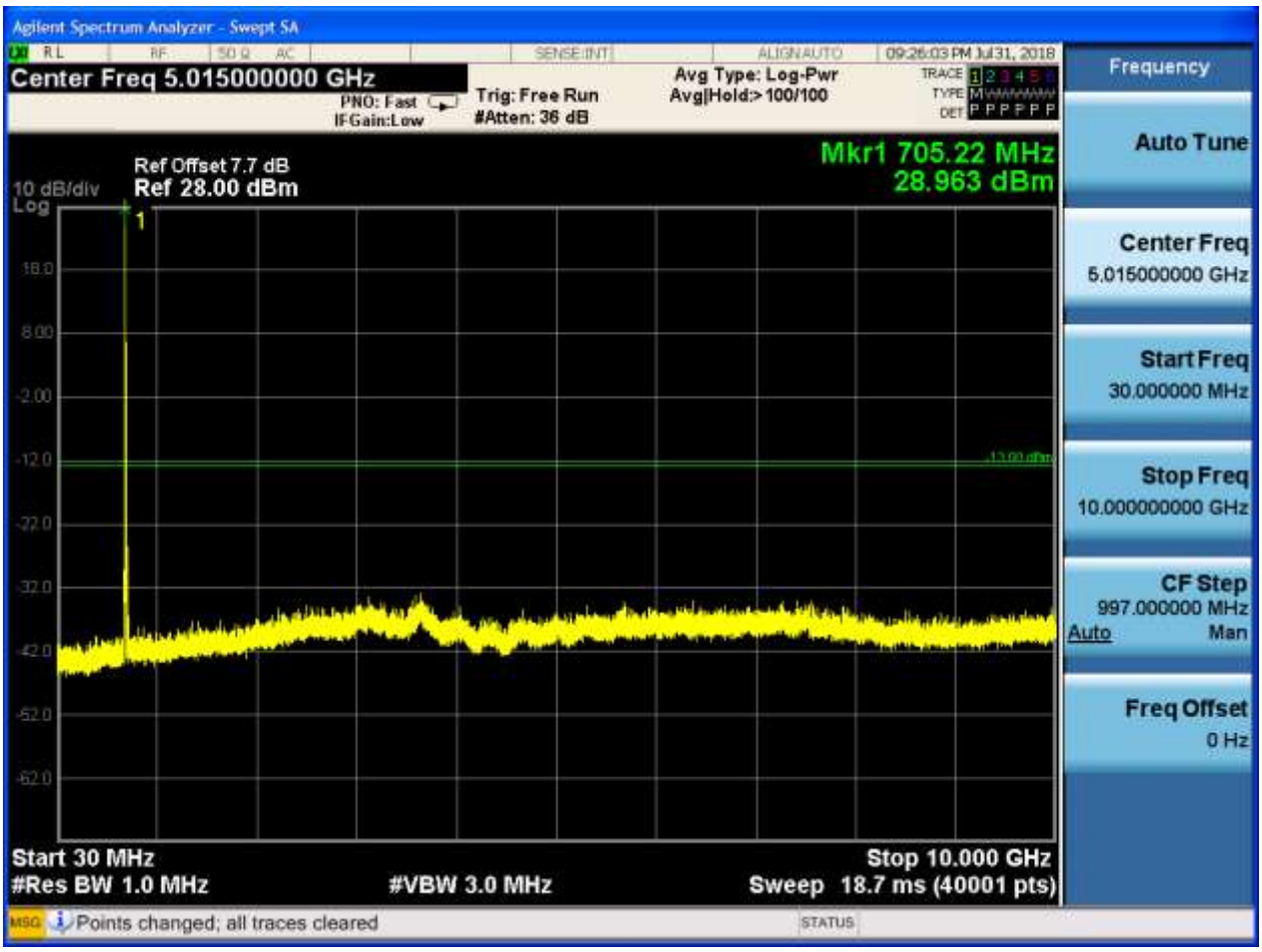


6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

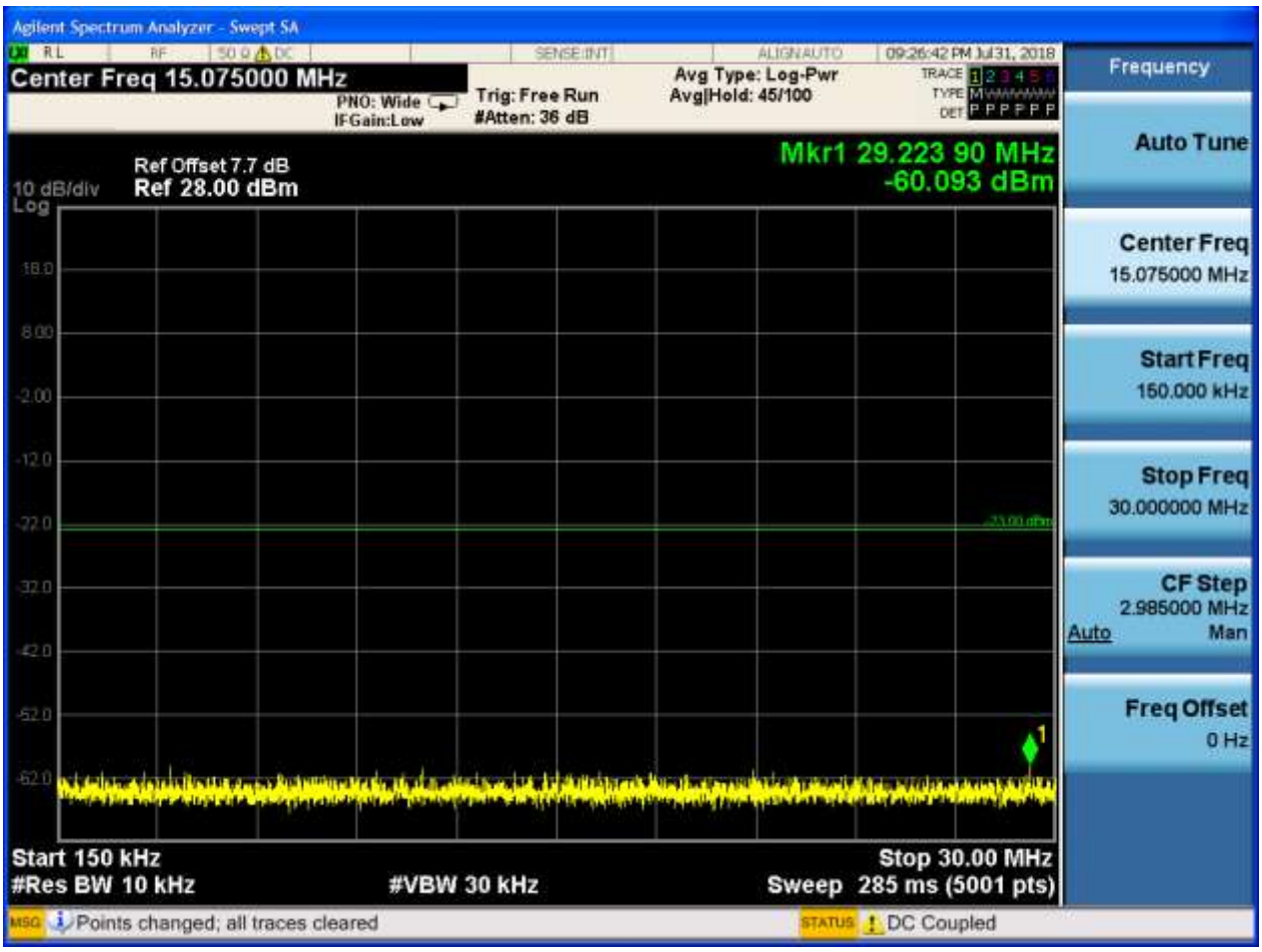
6.1.1.2.2.1.1 Test RB = RB1#0

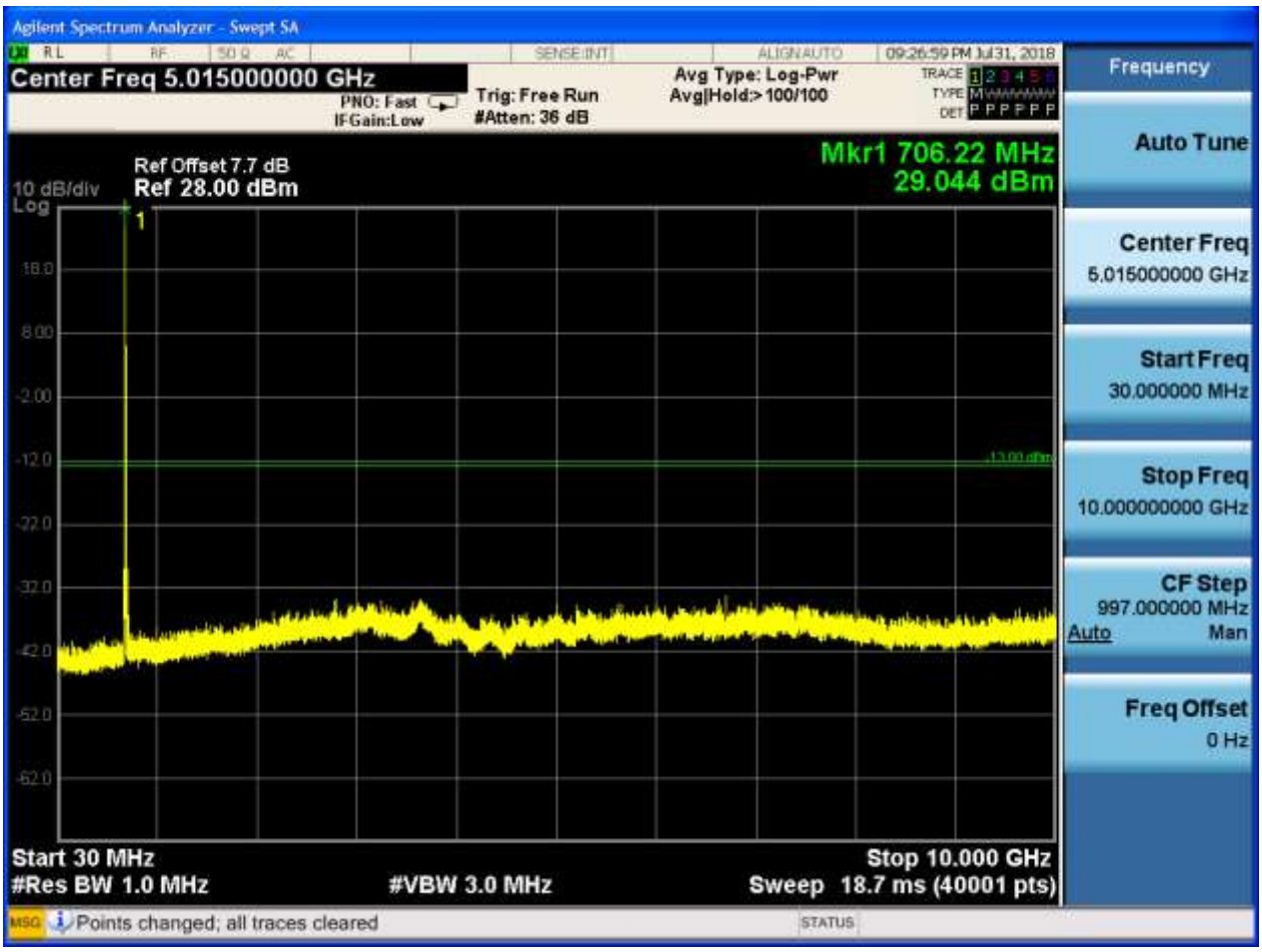




6.1.1.2.2.2 Test Channel = MCH

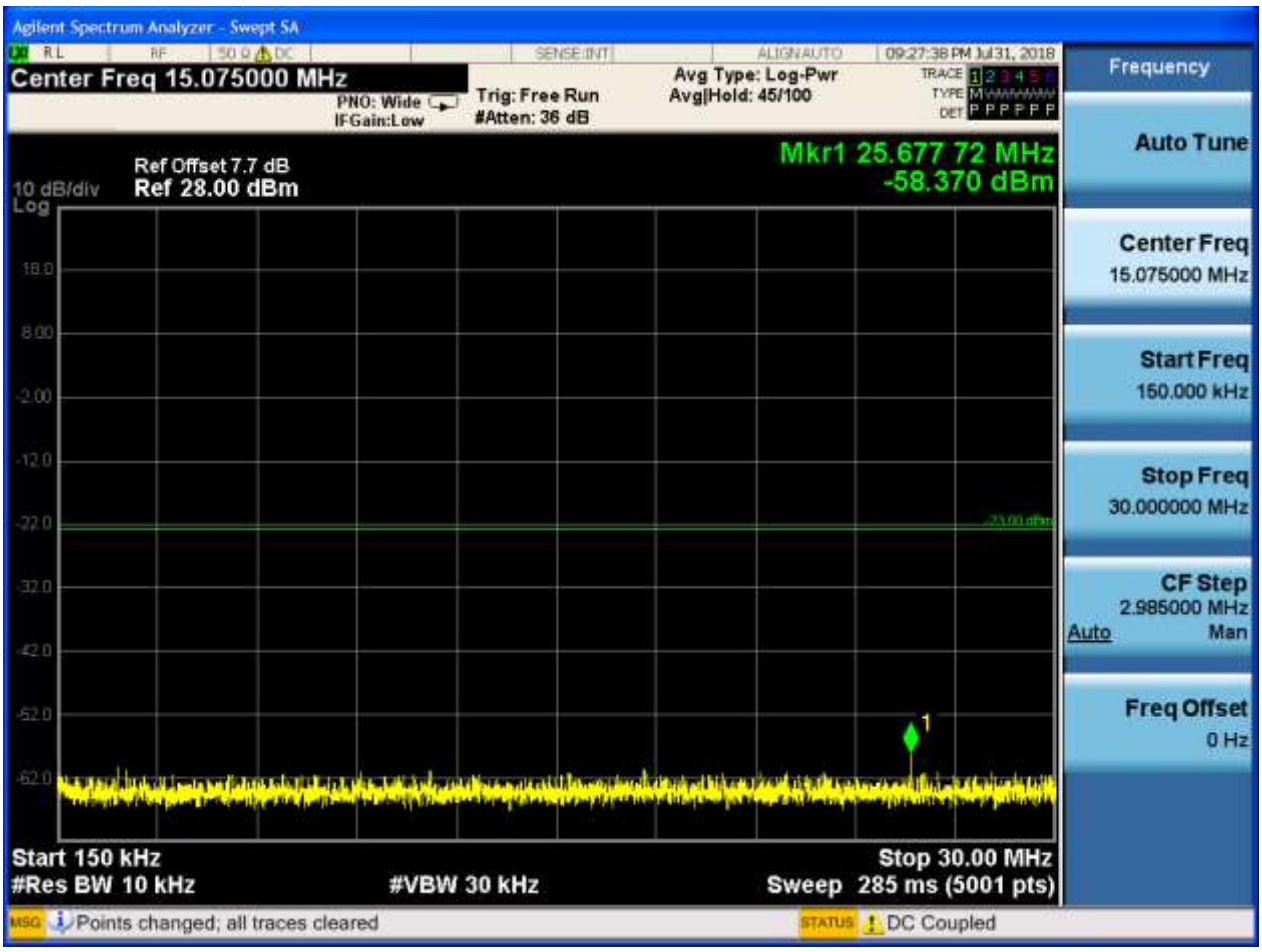
6.1.1.2.2.2.1 Test RB = RB1#0





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

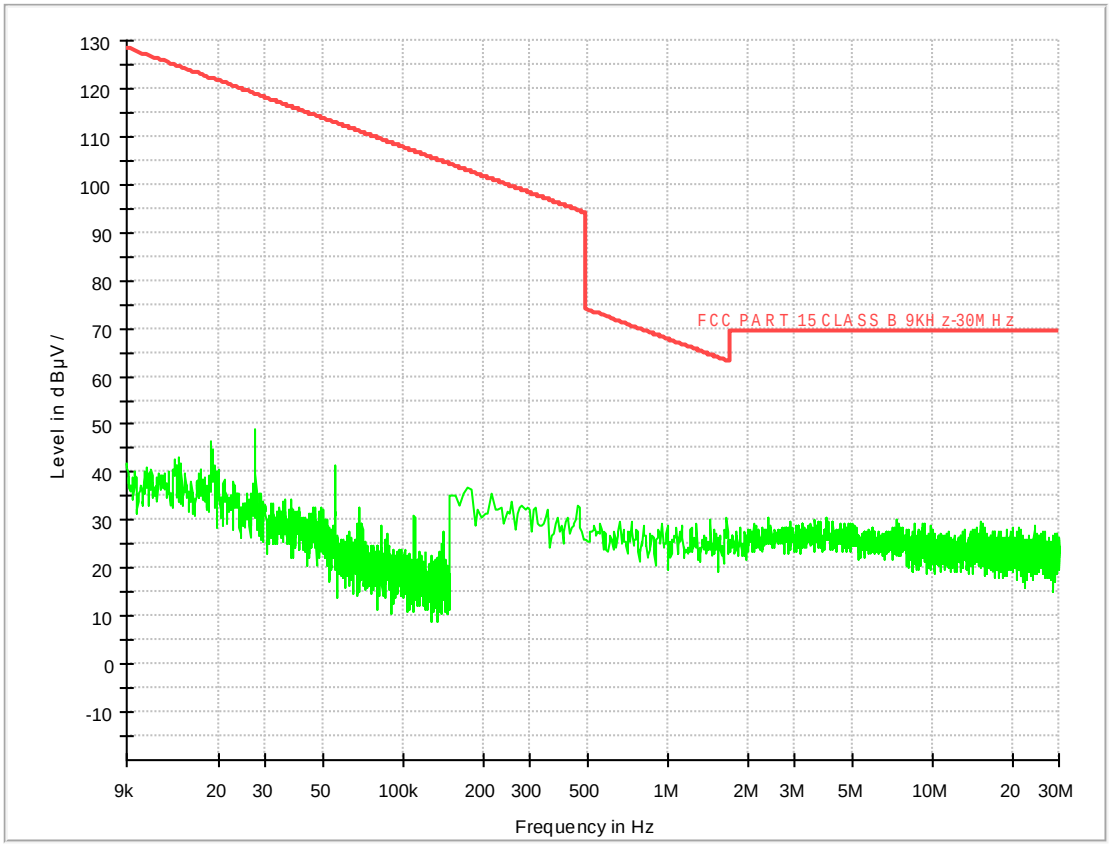
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

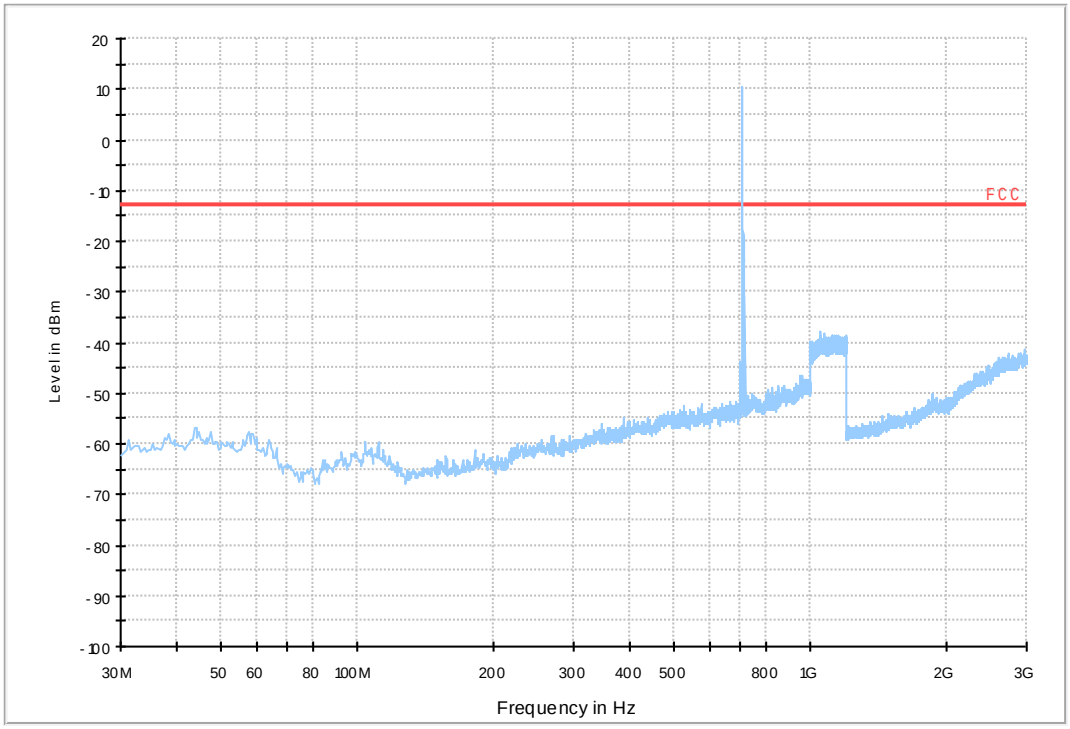
7.1 For LTE

7.1.1 Test Band = BAND17_ANT1

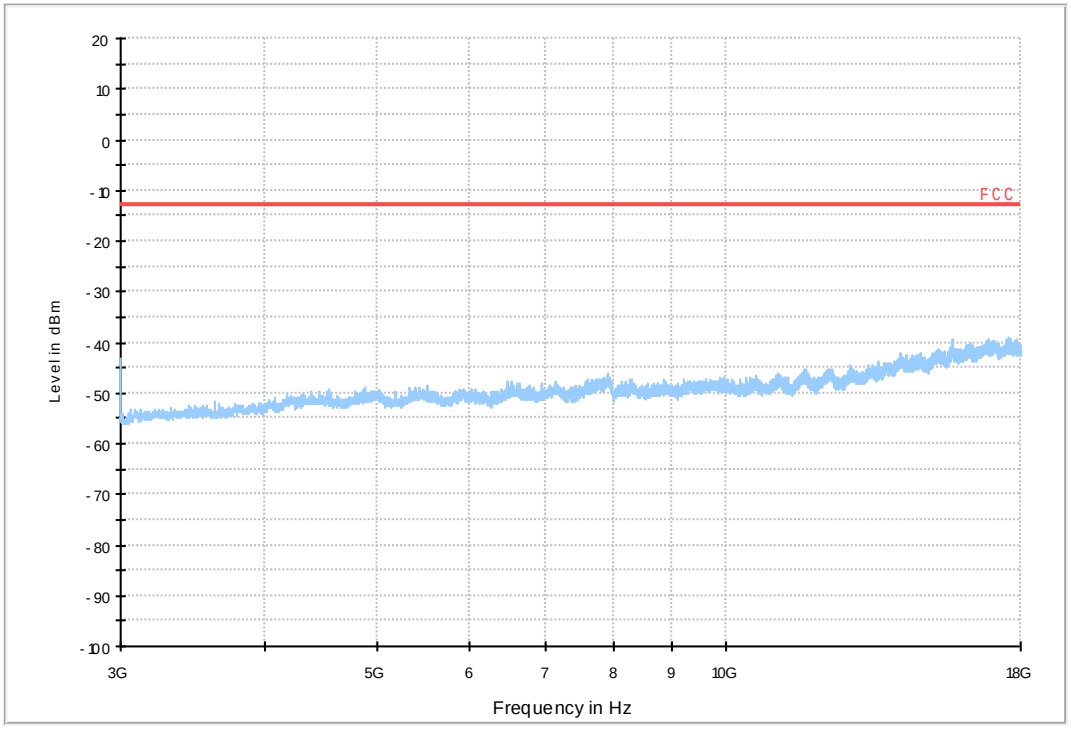
7.1.1.1 Test Bandwidth = 5



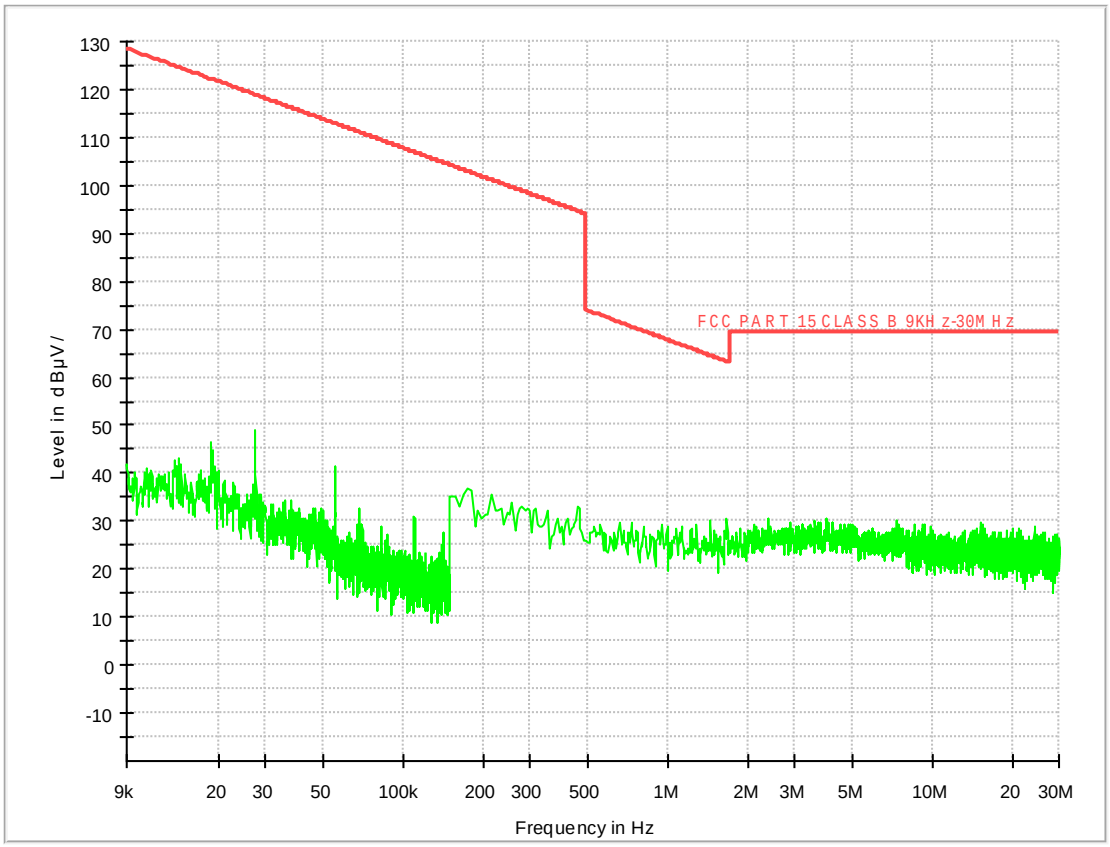
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



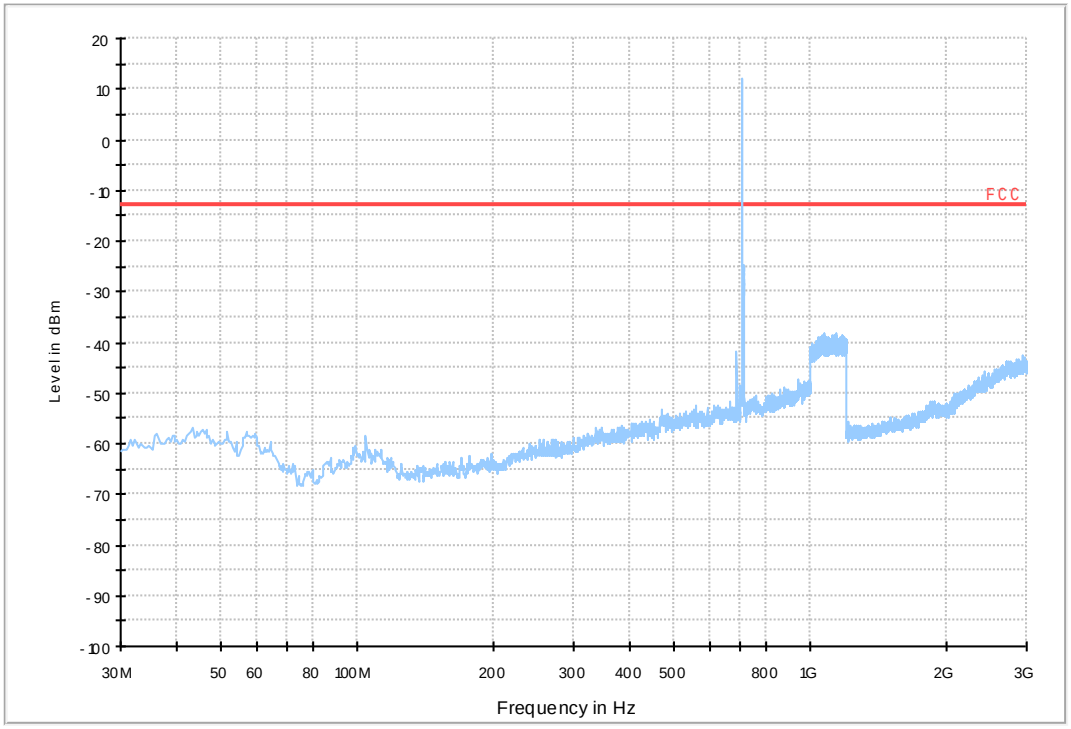
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



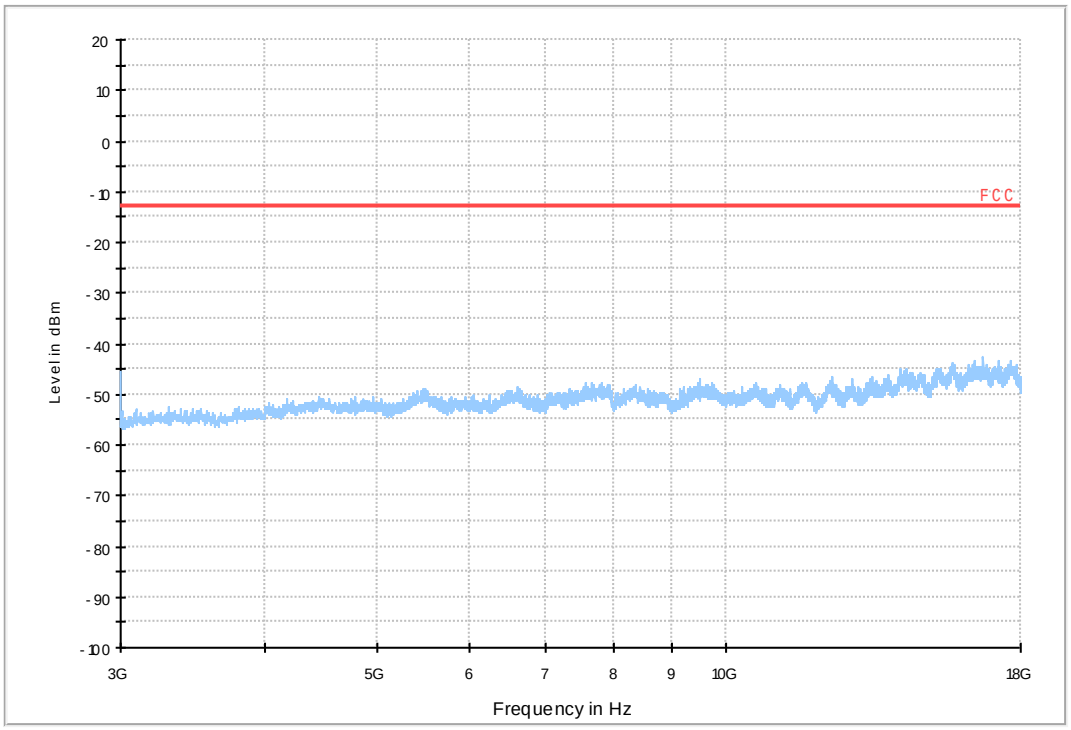
7.1.1.2 Test Bandwidth = 10



LTE FDD RSE-TX-DIRECTOR BELOW 1G_L

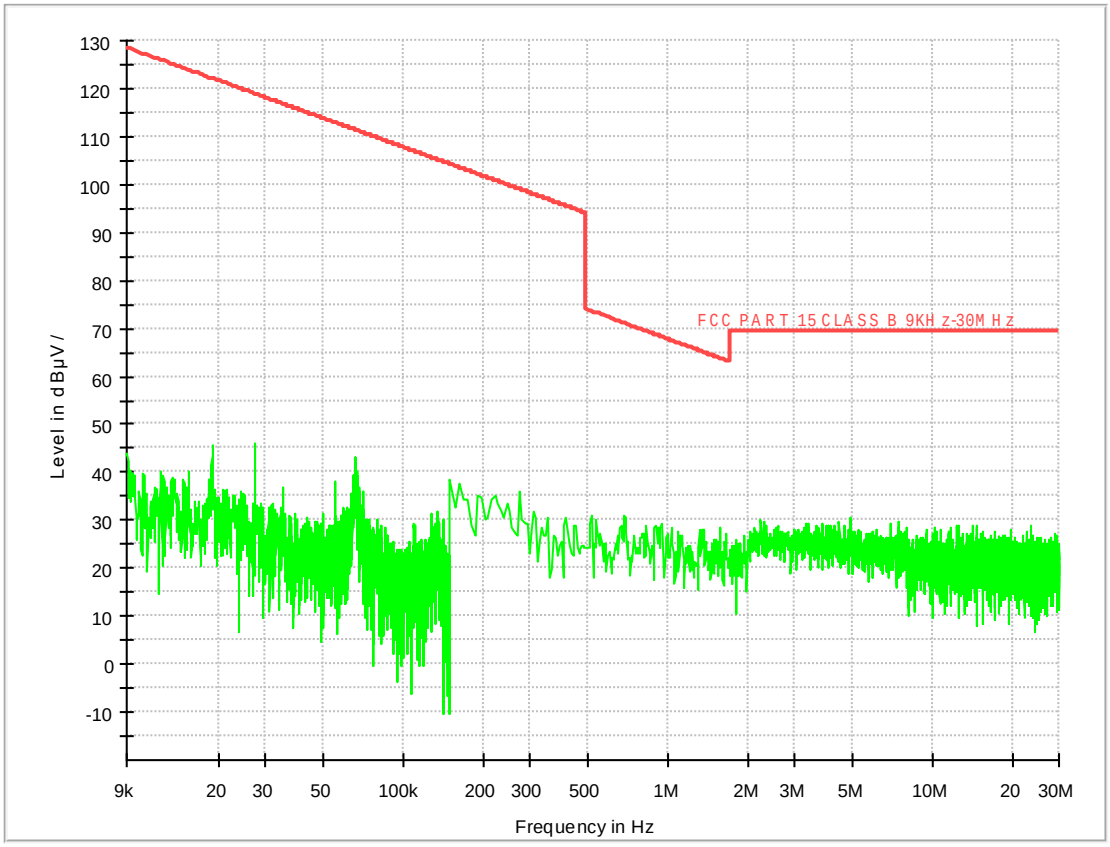


LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H

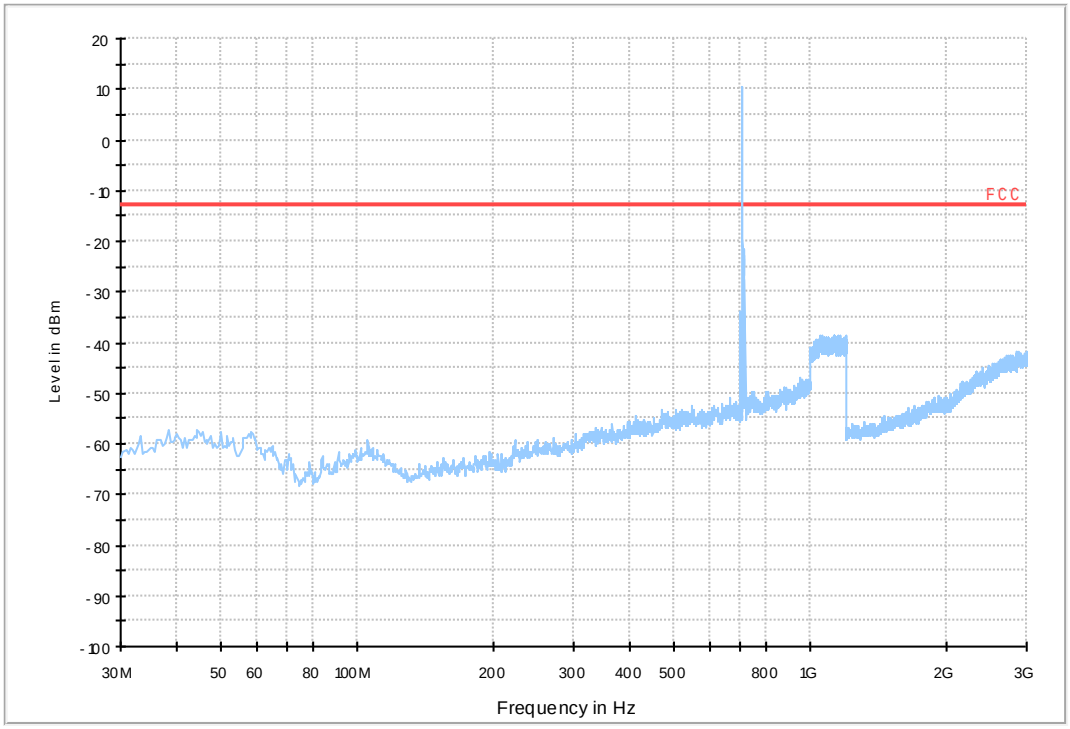


7.1.2 Test Band = BAND17_ANT2

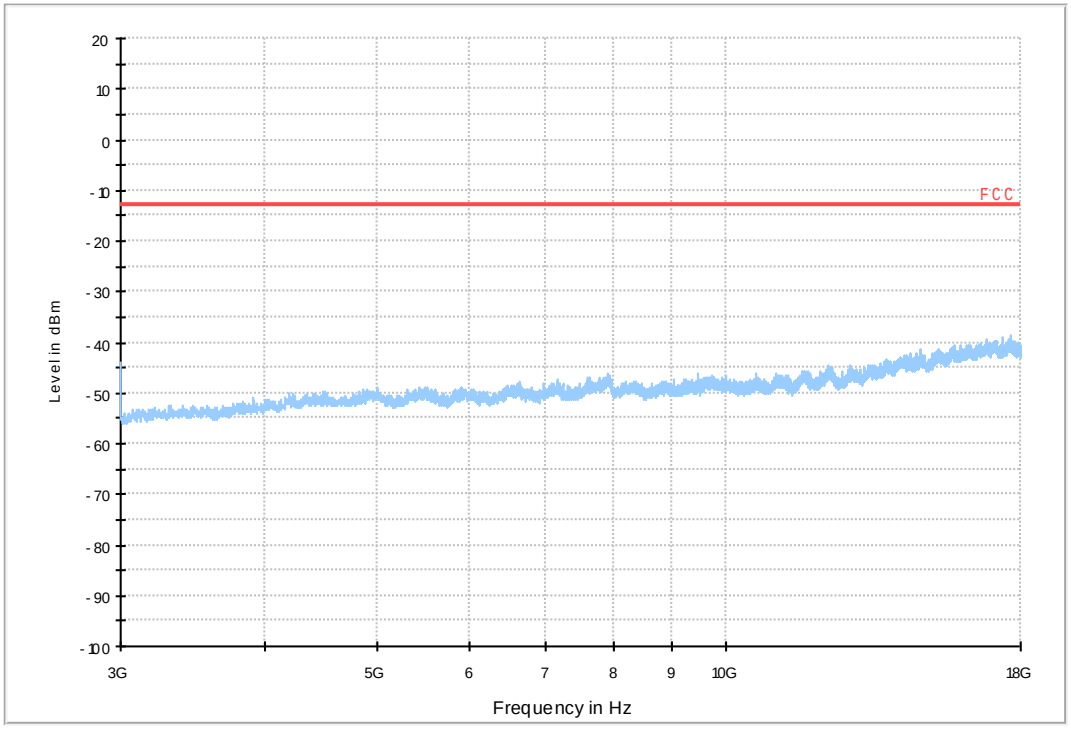
7.1.2.1 Test Bandwidth = 5



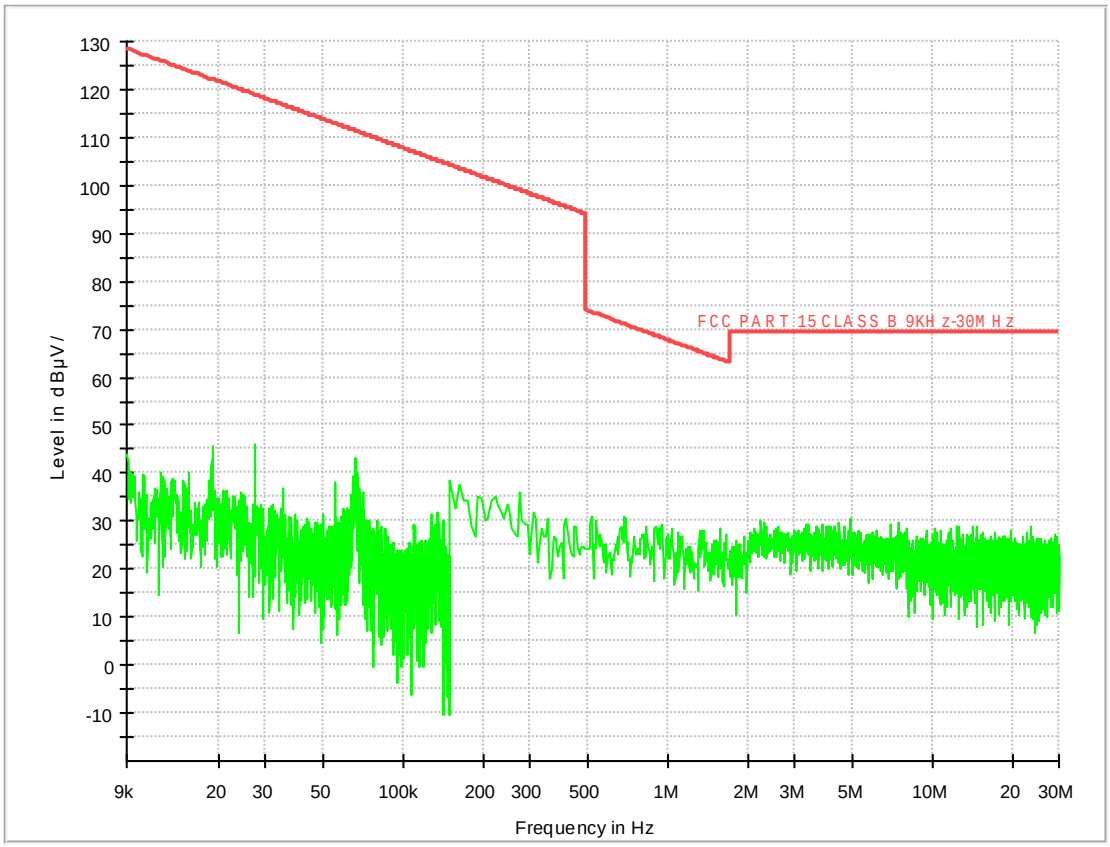
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



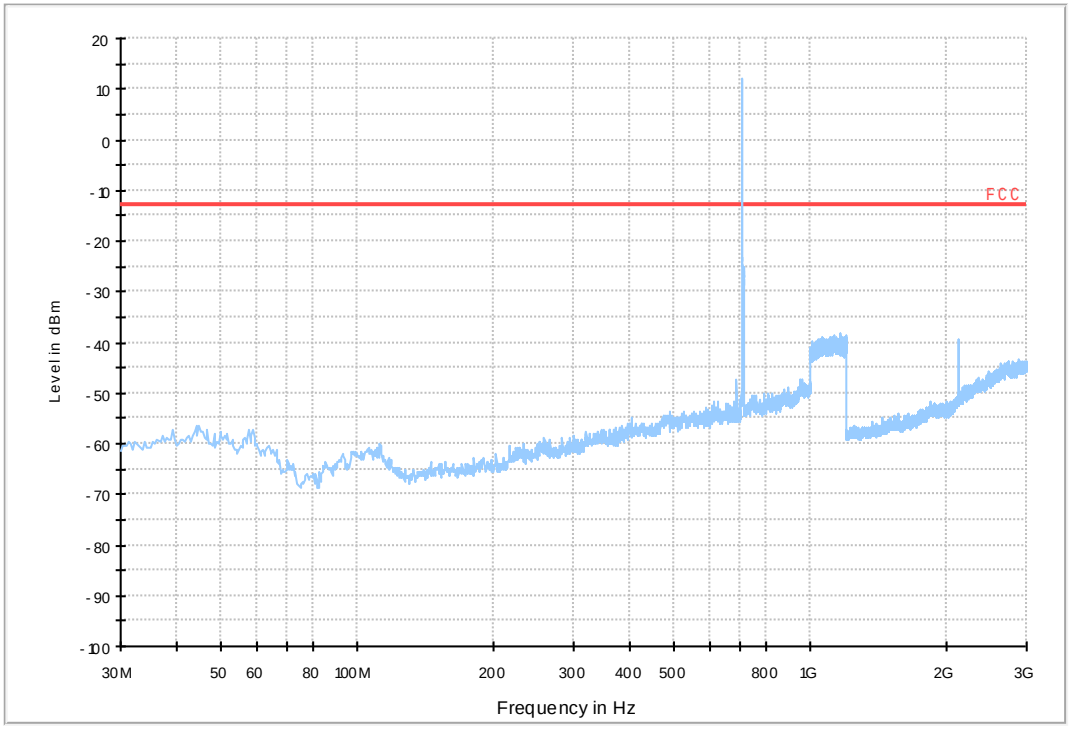
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



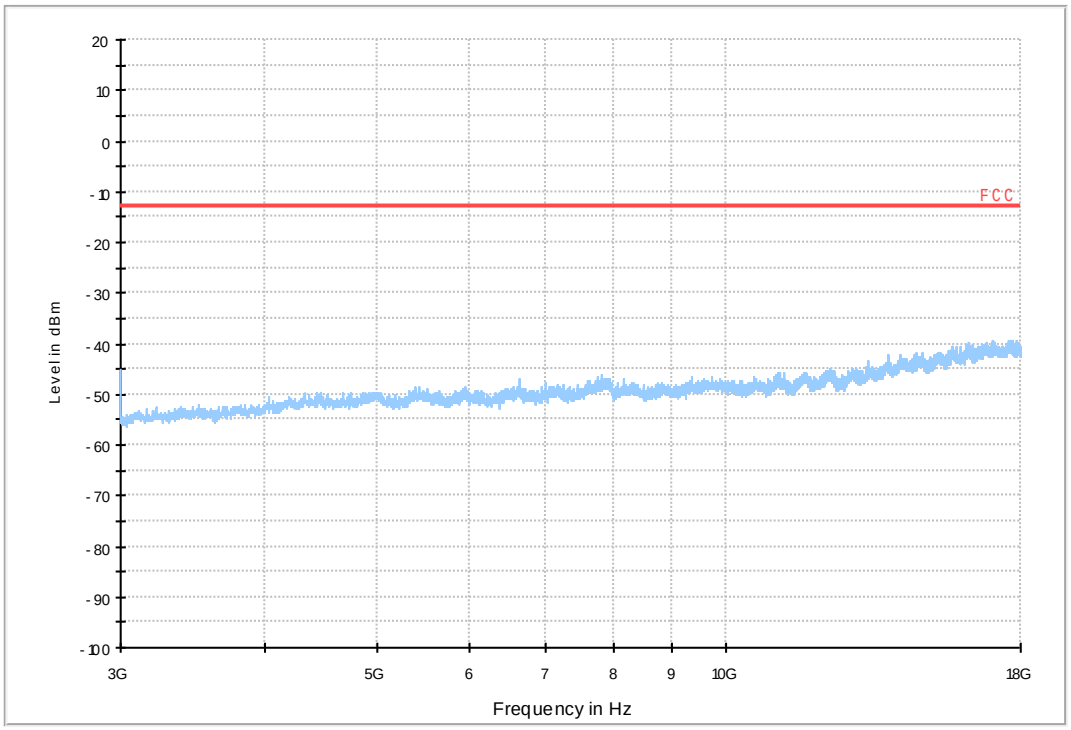
7.1.2.2 Test Bandwidth = 10



LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD 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	-1.69	-0.00239	PASS
					VN	4.94	0.00699	PASS
					VH	1.19	0.00168	PASS
			MCH	TN	VL	1.39	0.00196	PASS
					VN	-1.65	-0.00232	PASS
					VH	-3.88	-0.00546	PASS
			HCH	TN	VL	0.30	0.00042	PASS
					VN	2.13	0.00299	PASS
					VH	3.22	0.00451	PASS
		10	LCH	TN	VL	-0.54	-0.00076	PASS
					VN	-2.05	-0.00289	PASS
					VH	-0.87	-0.00123	PASS
			MCH	TN	VL	-5.06	-0.00713	PASS
					VN	-2.65	-0.00373	PASS
					VH	-1.50	-0.00211	PASS
			HCH	TN	VL	0.17	0.00024	PASS
					VN	-0.54	-0.00076	PASS
					VH	0.43	0.0006	PASS
	LTE/TM2	5	LCH	TN	VL	-0.13	-0.00018	PASS
					VN	2.19	0.0031	PASS
					VH	2.25	0.00318	PASS
			MCH	TN	VL	-3.59	-0.00506	PASS
					VN	2.45	0.00345	PASS
					VH	0.29	0.00041	PASS
			HCH	TN	VL	0.97	0.00136	PASS
					VN	-3.28	-0.0046	PASS
					VH	-4.01	-0.00562	PASS
		10	LCH	TN	VL	-0.10	-0.00014	PASS
					VN	-1.06	-0.0015	PASS
					VH	0.41	0.00058	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	0.30	0.00042	PASS
					VN	-1.43	-0.00201	PASS
					VH	-3.43	-0.00483	PASS
			HCH	TN	VL	1.10	0.00155	PASS
					VN	-2.23	-0.00314	PASS
					VH	0.37	0.00052	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	1.86	0.00263	PASS
					-20	-0.79	-0.00112	PASS
					-10	-0.44	-0.00062	PASS
					0	-0.16	-0.00023	PASS
					10	-2.69	-0.00381	PASS
					20	-1.76	-0.00249	PASS
					30	1.23	0.00174	PASS
					40	-1.29	-0.00183	PASS
					50	-1.30	-0.00184	PASS
			MCH	VN	-30	-5.38	-0.00758	PASS
					-20	-3.65	-0.00514	PASS
					-10	1.50	0.00211	PASS
					0	0.72	0.00101	PASS
					10	3.32	0.00468	PASS
					20	1.80	0.00254	PASS
					30	3.66	0.00515	PASS
					40	2.53	0.00356	PASS
					50	-2.59	-0.00365	PASS
			HCH	VN	-30	2.47	0.00346	PASS
					-20	1.59	0.00223	PASS
					-10	3.96	0.00555	PASS
					0	0.24	0.00034	PASS
					10	-2.10	-0.00294	PASS
					20	2.89	0.00405	PASS
					30	-1.77	-0.00248	PASS
					40	-0.73	-0.00102	PASS
					50	0.89	0.00125	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	0.74	0.00104	PASS
					-20	4.35	0.00614	PASS
					-10	5.15	0.00726	PASS
					0	-0.80	-0.00113	PASS
					10	-0.39	-0.00055	PASS
					20	3.98	0.00561	PASS
					30	0.19	0.00027	PASS
					40	2.33	0.00329	PASS
					50	2.06	0.00291	PASS
			MCH	VN	-30	-1.82	-0.00256	PASS
					-20	-3.38	-0.00476	PASS
					-10	-1.23	-0.00173	PASS
					0	1.60	0.00225	PASS
		10			10	-1.69	-0.00238	PASS
					20	0.16	0.00023	PASS
					30	-1.32	-0.00186	PASS
					40	-0.46	-0.00065	PASS
					50	-2.60	-0.00366	PASS
			HCH	VN	-30	-2.57	-0.00361	PASS
					-20	-2.27	-0.00319	PASS
					-10	-1.42	-0.002	PASS
					0	-0.97	-0.00136	PASS
					10	0.39	0.00055	PASS
					20	-0.37	-0.00052	PASS
					30	-1.66	-0.00233	PASS
					40	-2.33	-0.00328	PASS
					50	-1.12	-0.00158	PASS
	LTE/TM2	5	LCH	VN	-30	3.15	0.00446	PASS
					-20	0.46	0.00065	PASS
					-10	0.92	0.0013	PASS
					0	0.50	0.00071	PASS
					10	-3.65	-0.00517	PASS
					20	-1.72	-0.00243	PASS
					30	-3.19	-0.00452	PASS
					40	-3.08	-0.00436	PASS
					50	2.00	0.00283	PASS
			MCH	VN	-30	-0.62	-0.00087	PASS
					-20	-4.23	-0.00596	PASS
					-10	0.77	0.00108	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-0.57	-0.0008	PASS
					10	-2.78	-0.00392	PASS
					20	0.94	0.00132	PASS
					30	-1.75	-0.00246	PASS
					40	-2.19	-0.00308	PASS
					50	-1.04	-0.00146	PASS
			HCH	VN	-30	2.30	0.00322	PASS
					-20	0.49	0.00069	PASS
					-10	3.25	0.00456	PASS
					0	-2.25	-0.00315	PASS
					10	-0.66	-0.00093	PASS
					20	-2.99	-0.00419	PASS
					30	-4.08	-0.00572	PASS
					40	2.26	0.00317	PASS
					50	-5.25	-0.00736	PASS
		10	LCH	VN	-30	1.23	0.00173	PASS
					-20	2.26	0.00319	PASS
					-10	-2.07	-0.00292	PASS
					0	0.11	0.00016	PASS
					10	4.71	0.00664	PASS
					20	-0.19	-0.00027	PASS
					30	0.29	0.00041	PASS
					40	4.49	0.00633	PASS
					50	-1.60	-0.00226	PASS
			MCH	VN	-30	-1.07	-0.00151	PASS
					-20	1.82	0.00256	PASS
					-10	1.99	0.0028	PASS
					0	3.18	0.00448	PASS
					10	-3.46	-0.00487	PASS
					20	-1.49	-0.0021	PASS
					30	0.24	0.00034	PASS
					40	-0.76	-0.00107	PASS
					50	-2.42	-0.00341	PASS
			HCH	VN	-30	-2.35	-0.00331	PASS
					-20	-0.17	-0.00024	PASS
					-10	2.06	0.0029	PASS
					0	0.77	0.00108	PASS
					10	-3.09	-0.00435	PASS
					20	1.72	0.00242	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-3.18	-0.00447	PASS
					40	-4.19	-0.00589	PASS
					50	-0.39	-0.00055	PASS

END