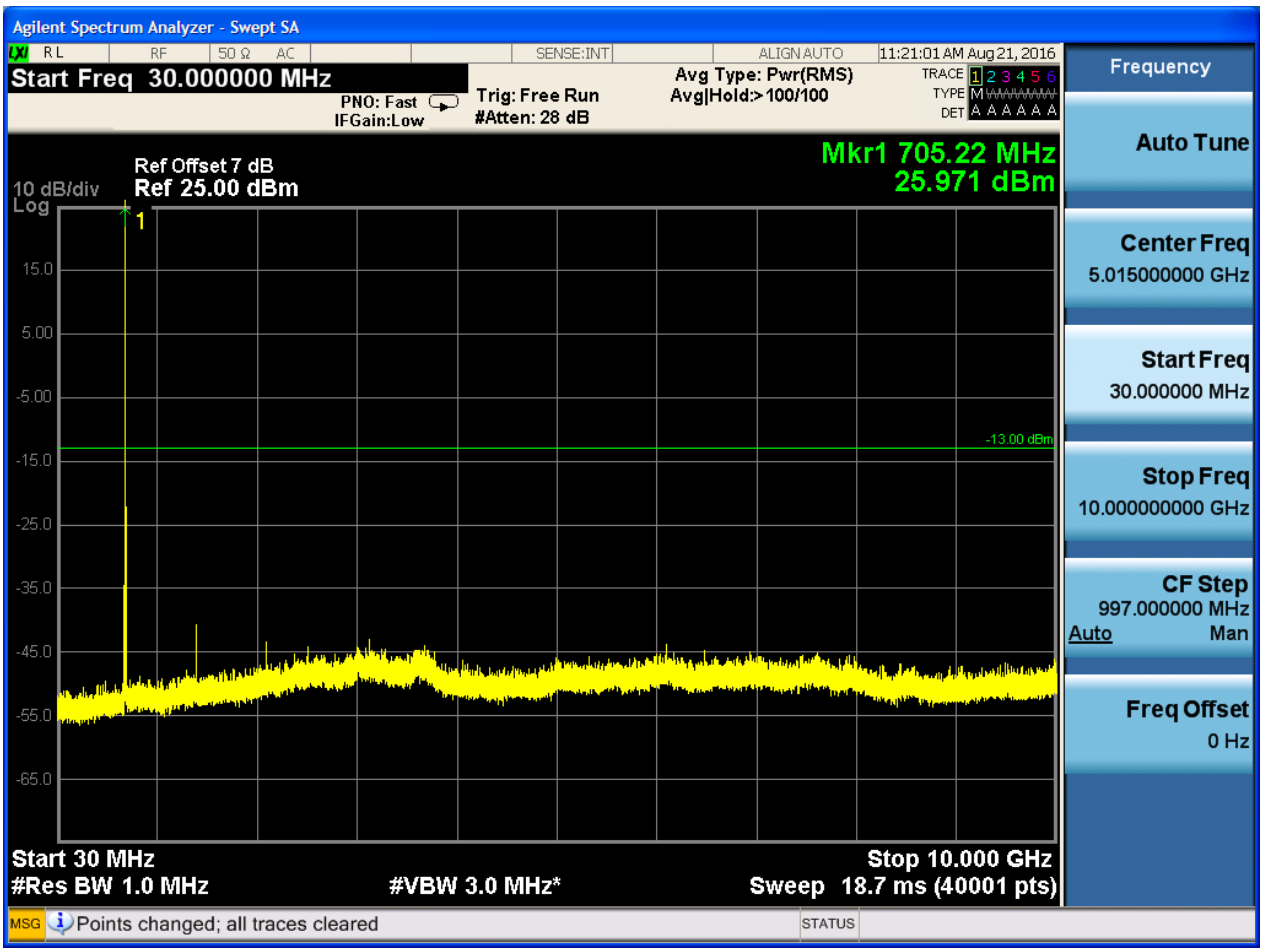

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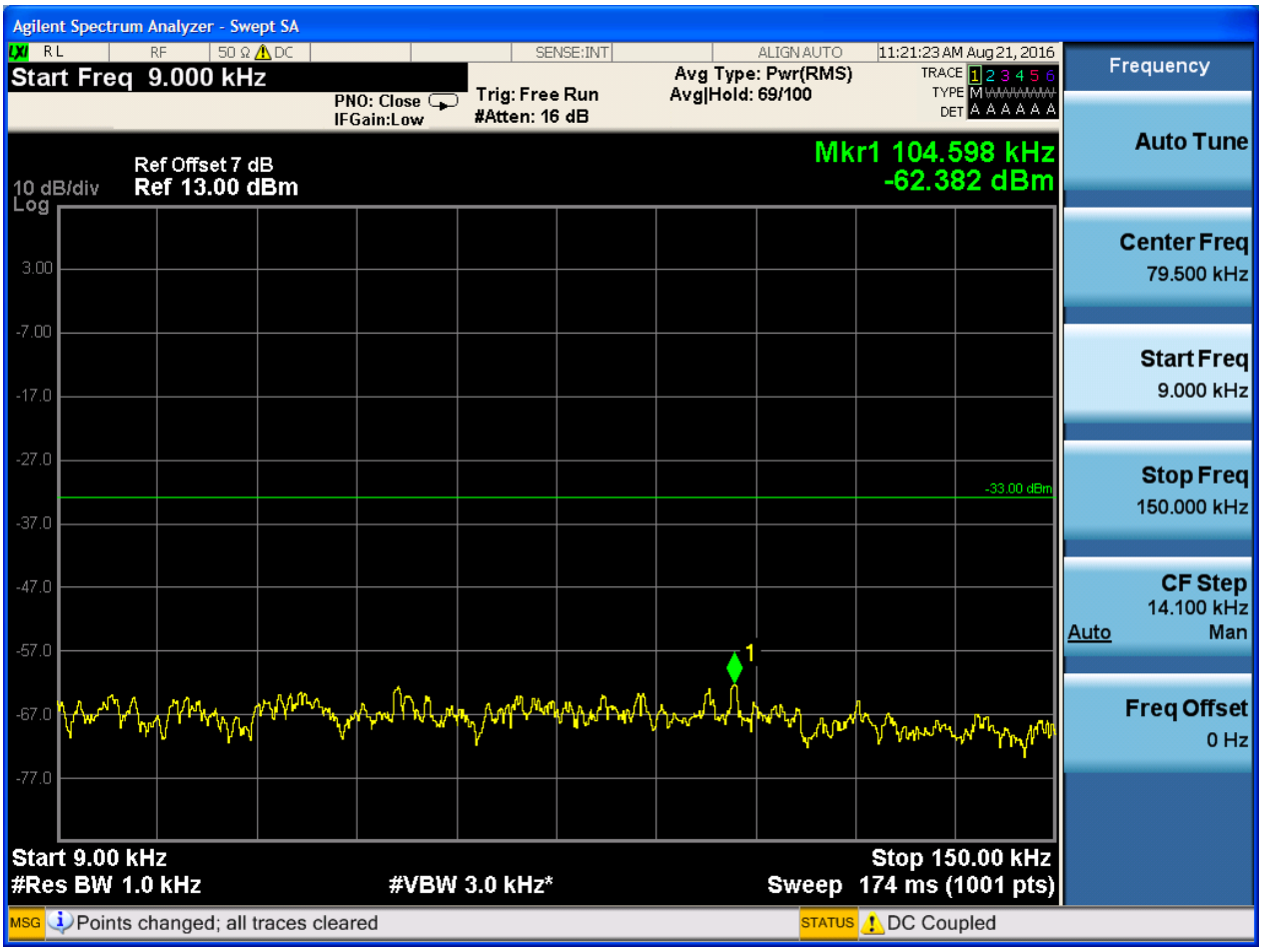
6.1.4.2.3.3 Test Channel = HCH

6.1.4.2.3.3.1 Test RB = RB1#0



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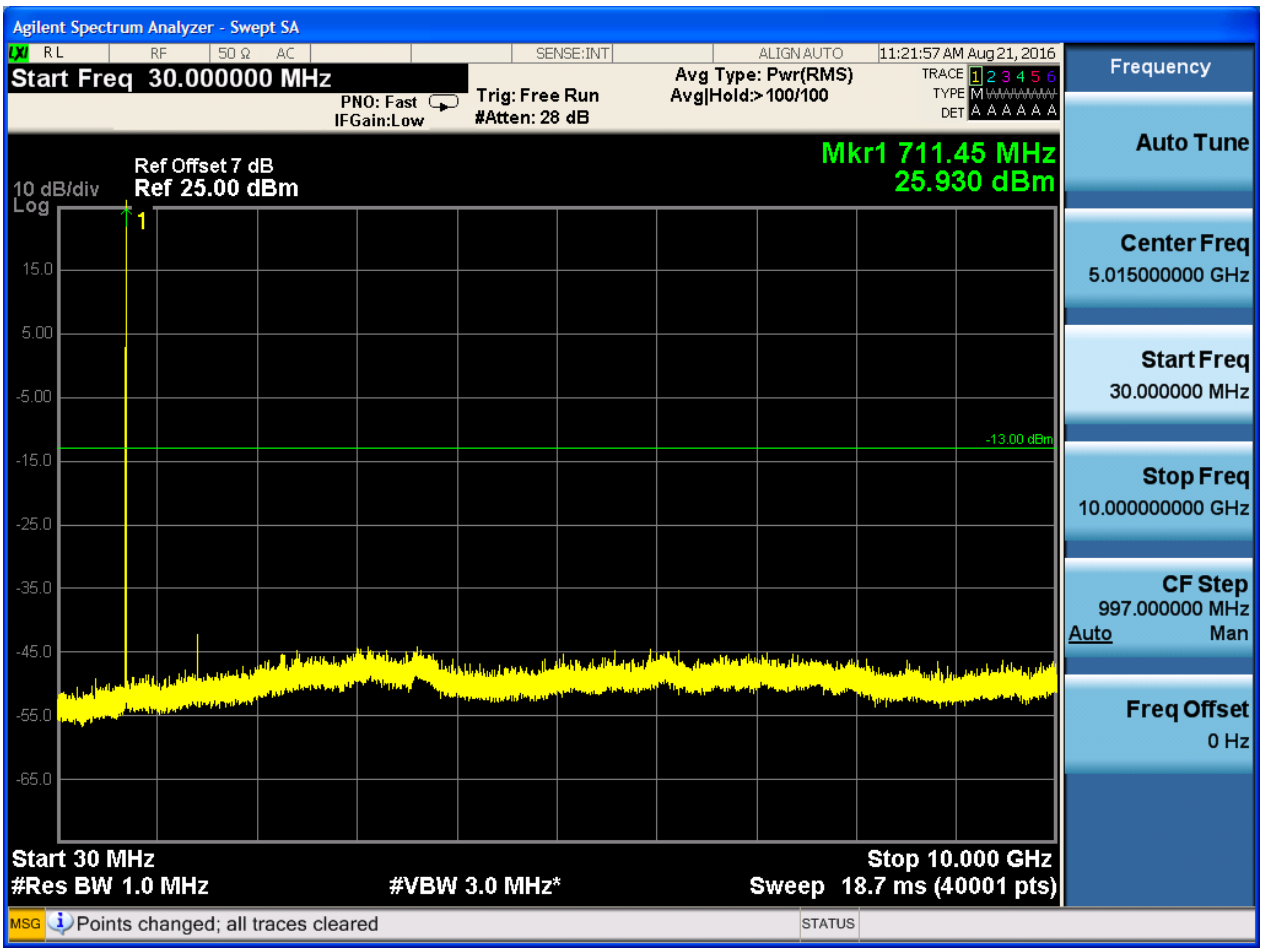

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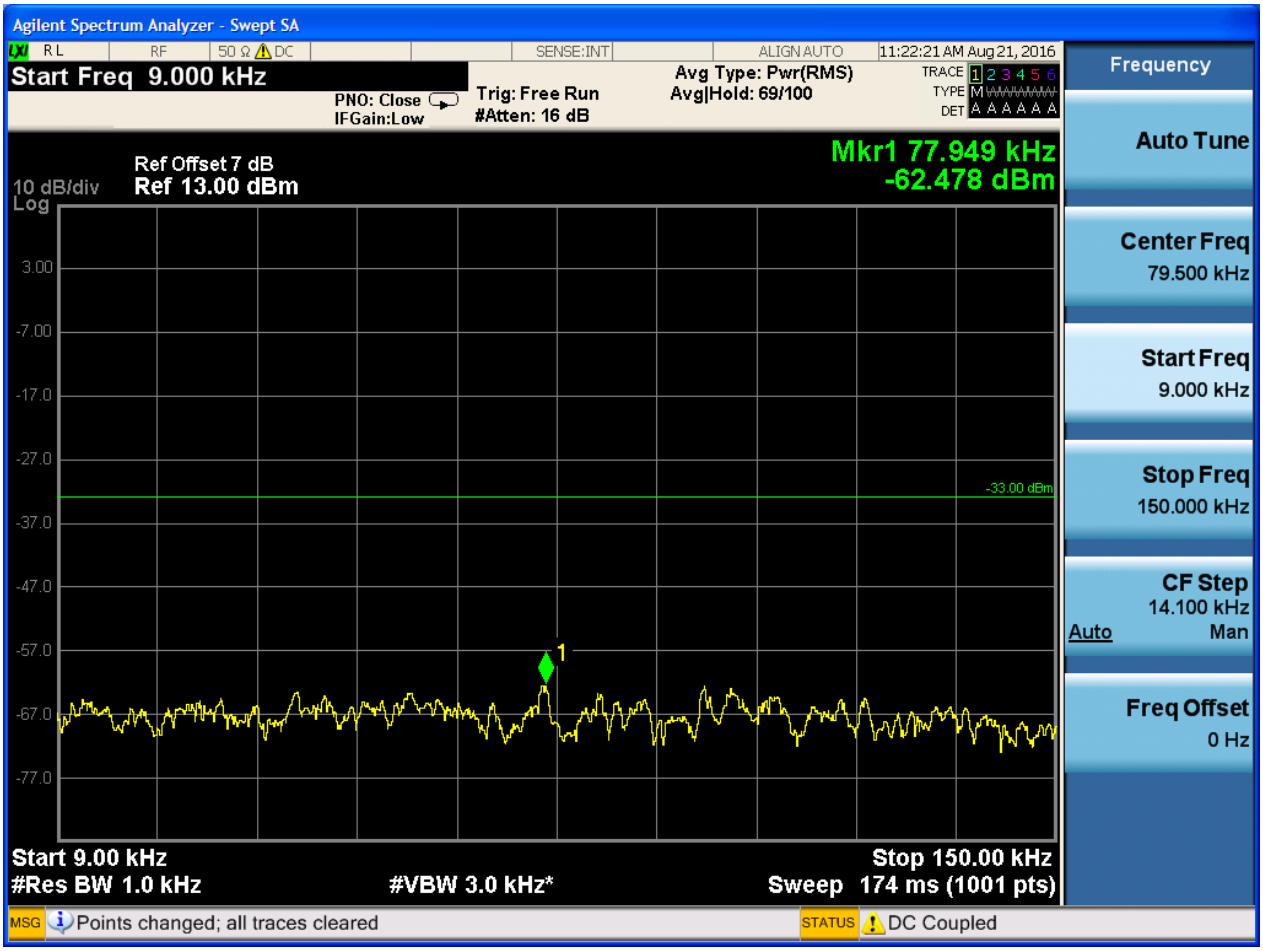
6.1.4.2.4 Test Bandwidth = 10

6.1.4.2.4.1 Test Channel = LCH

6.1.4.2.4.1.1 Test RB = RB1#0



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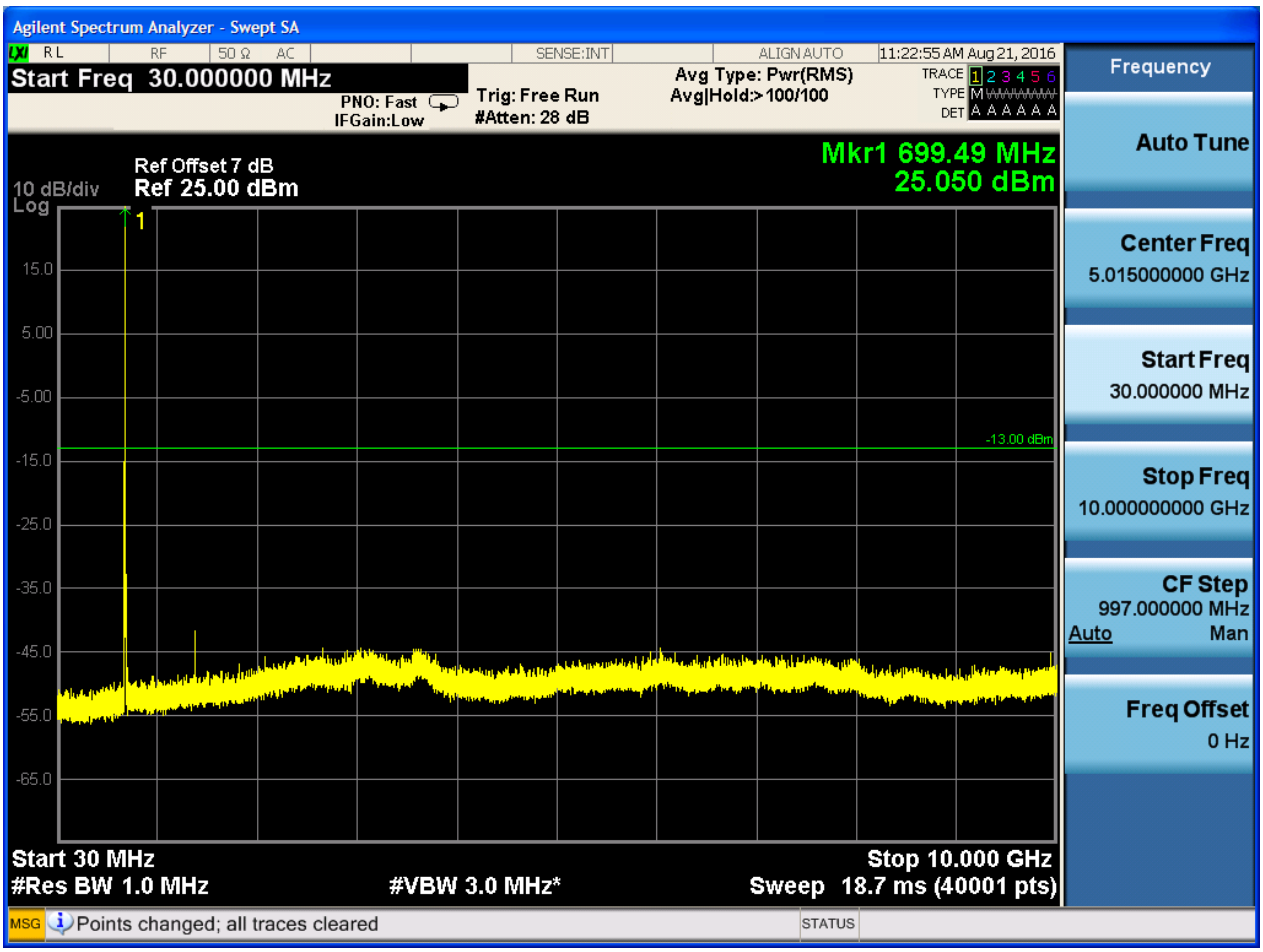

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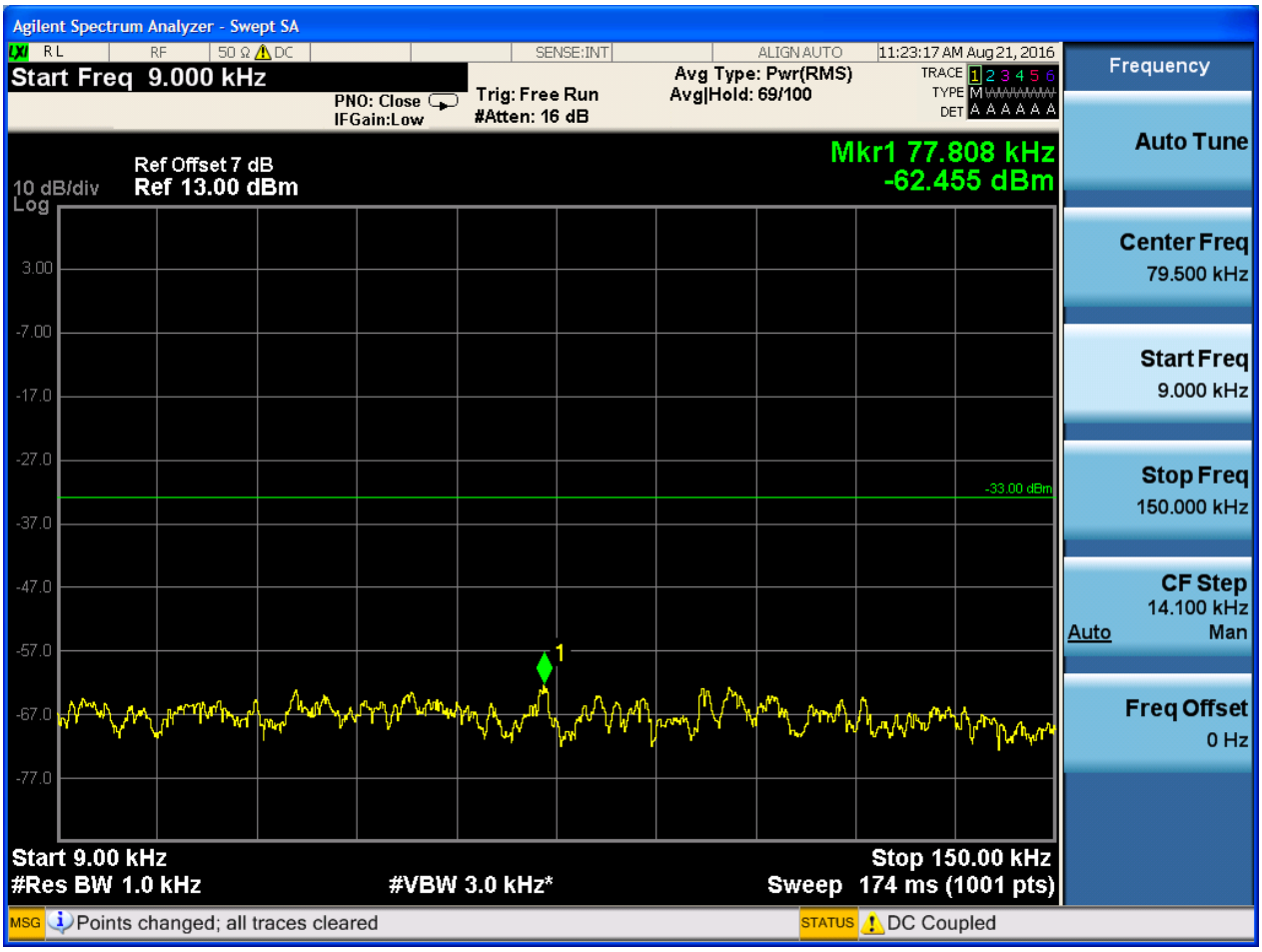
6.1.4.2.4.2 Test Channel = MCH

6.1.4.2.4.2.1 Test RB = RB1#0



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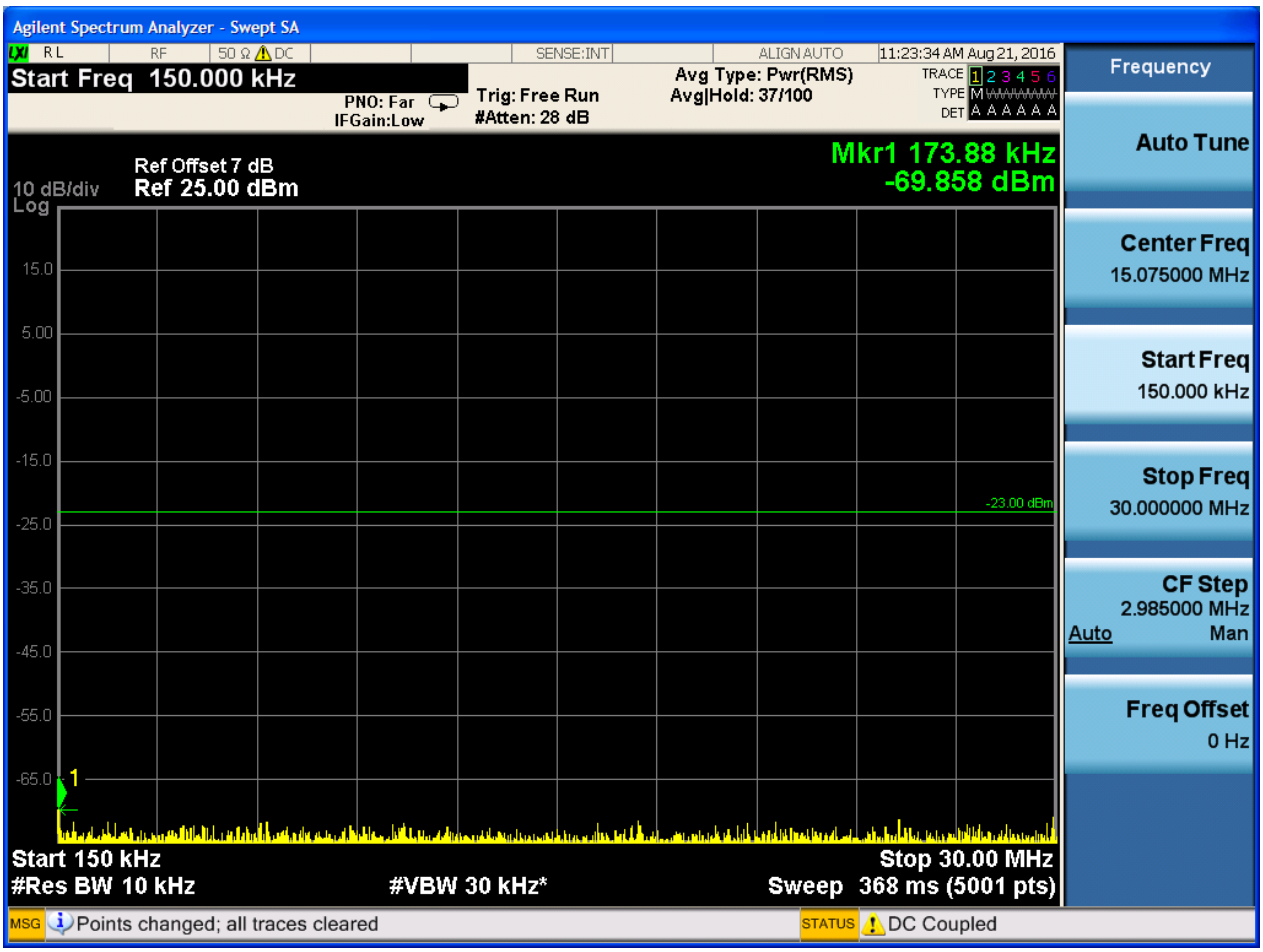
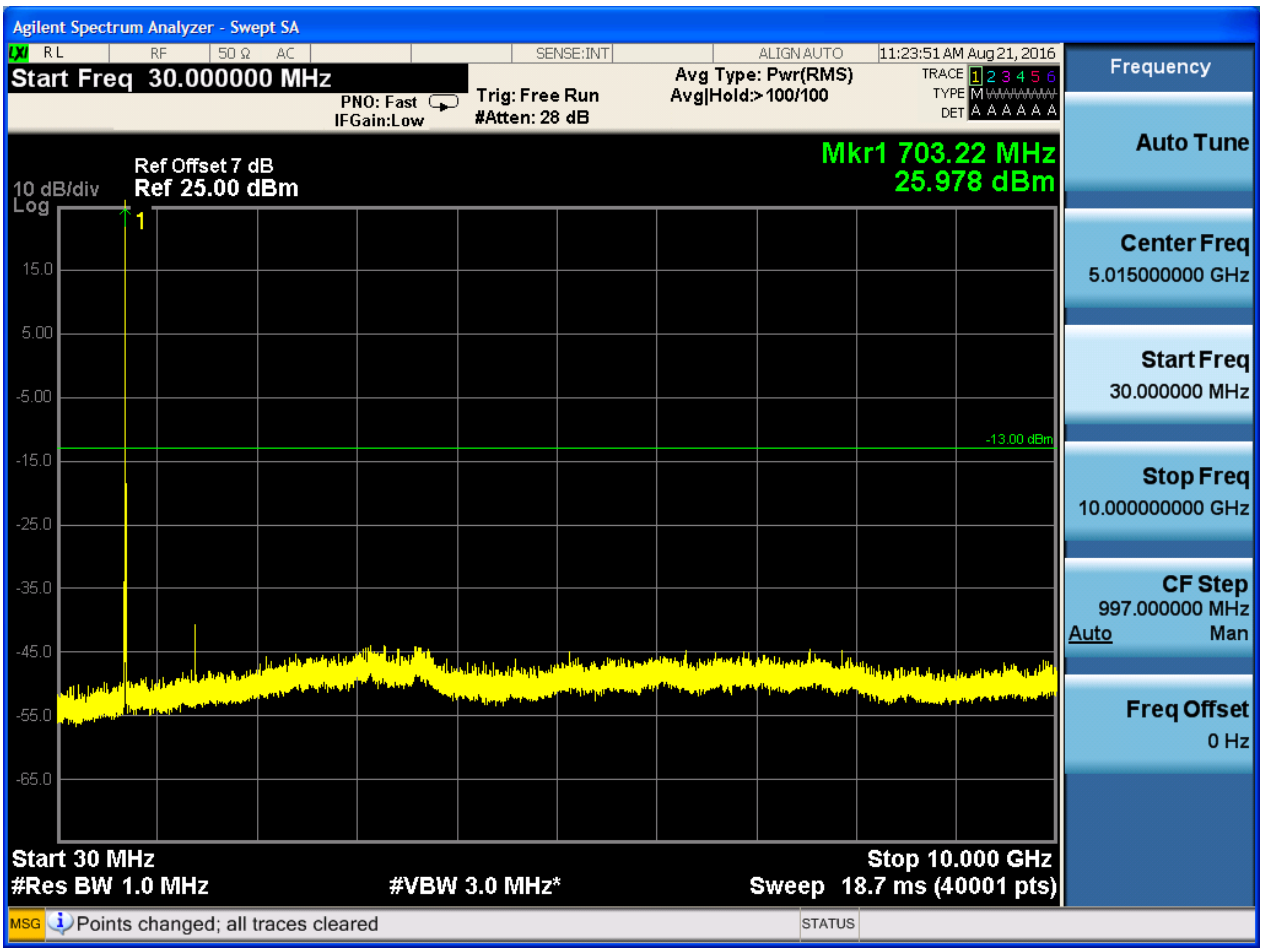

Agilent Spectrum Analyzer - Swept SA
Start Freq 150.000 kHz
PNO: Far
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Pwr(RMS)
Avg|Hold: 37/100
11:23:34 AM Aug 21, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 173.88 kHz
-69.858 dBm
-23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz*
Stop 30.00 MHz
Sweep 368 ms (5001 pts)
Points changed; all traces cleared
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz



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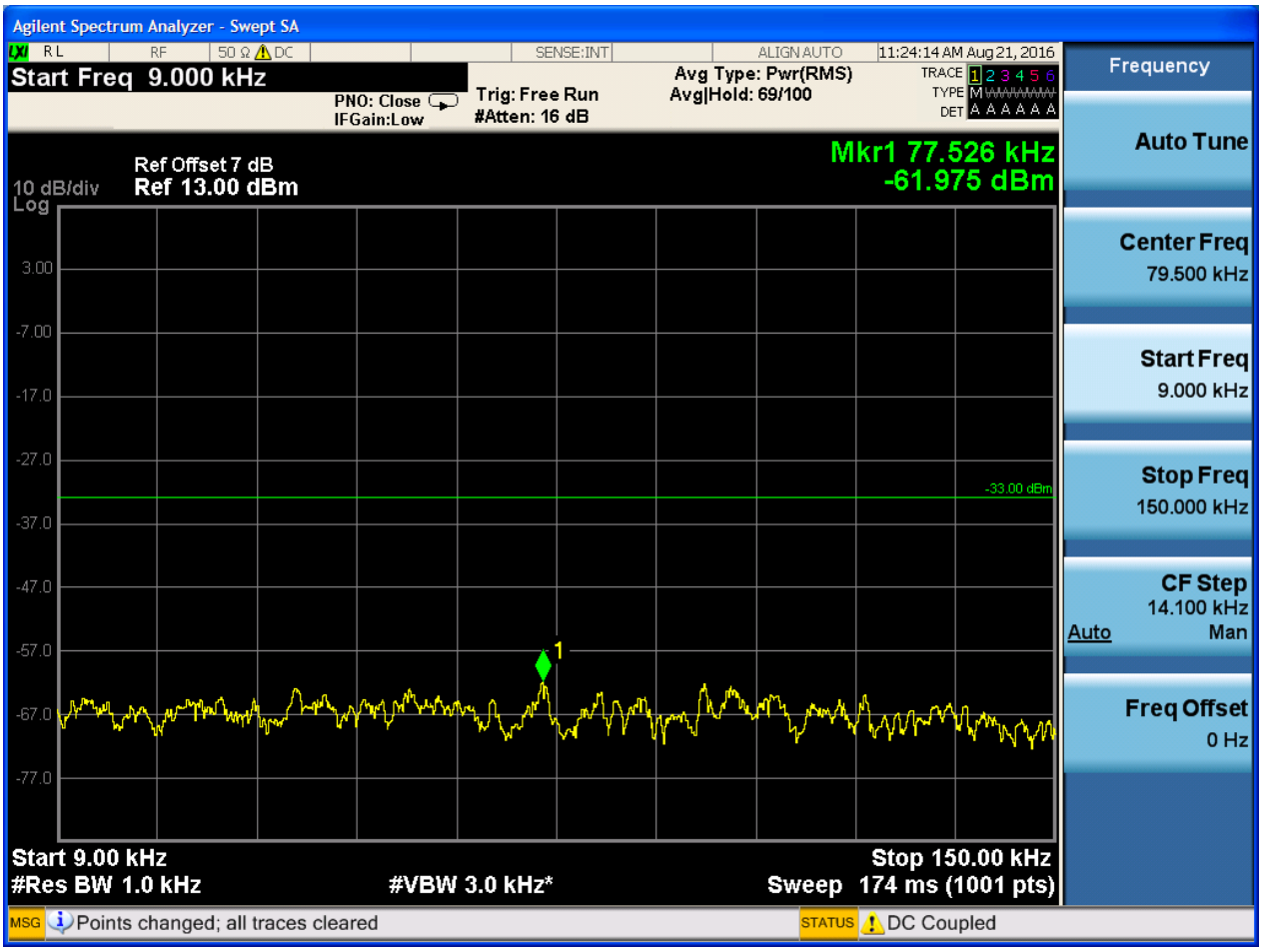
6.1.4.2.4.3 Test Channel = HCH

6.1.4.2.4.3.1 Test RB = RB1#0



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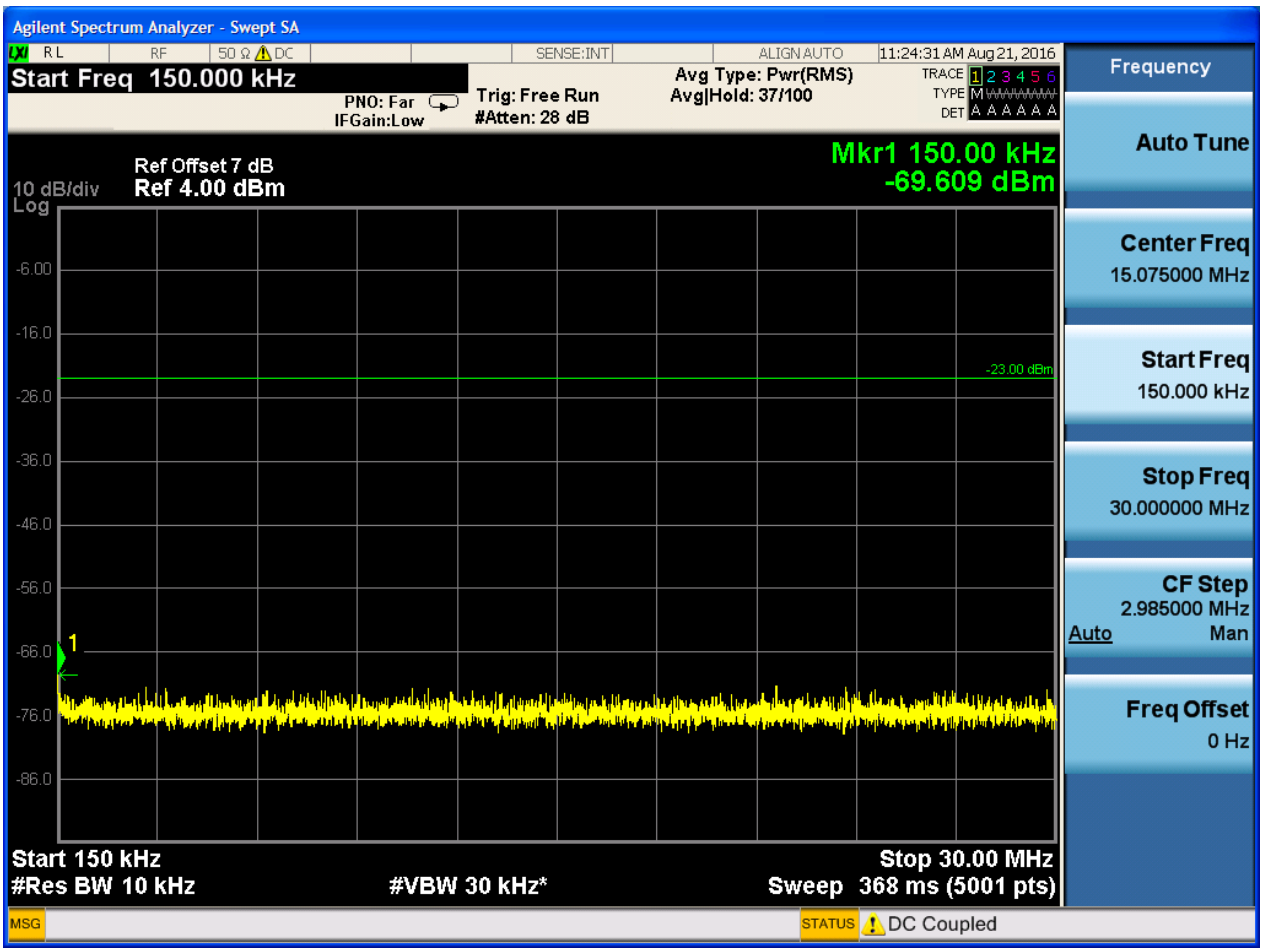

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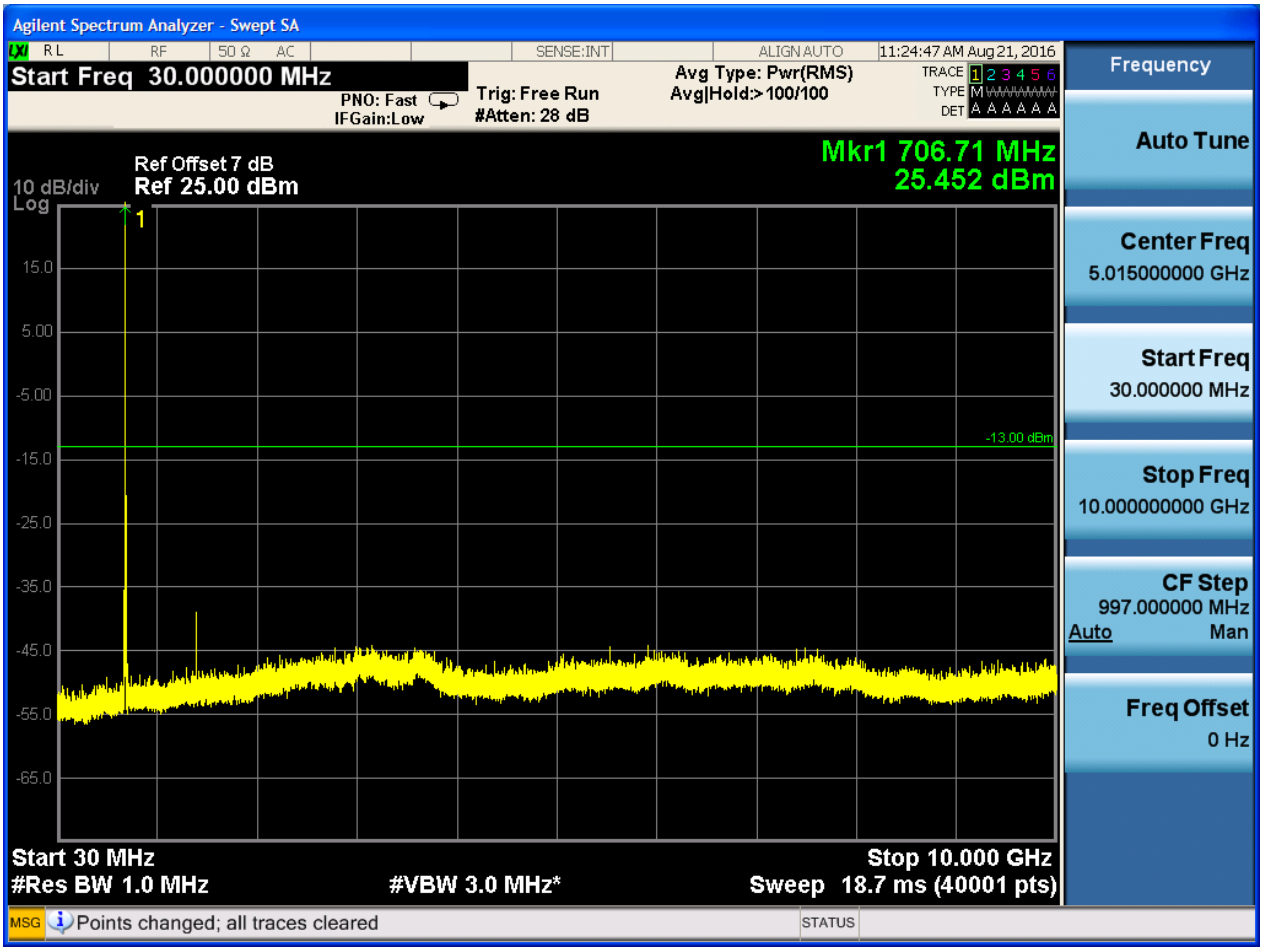

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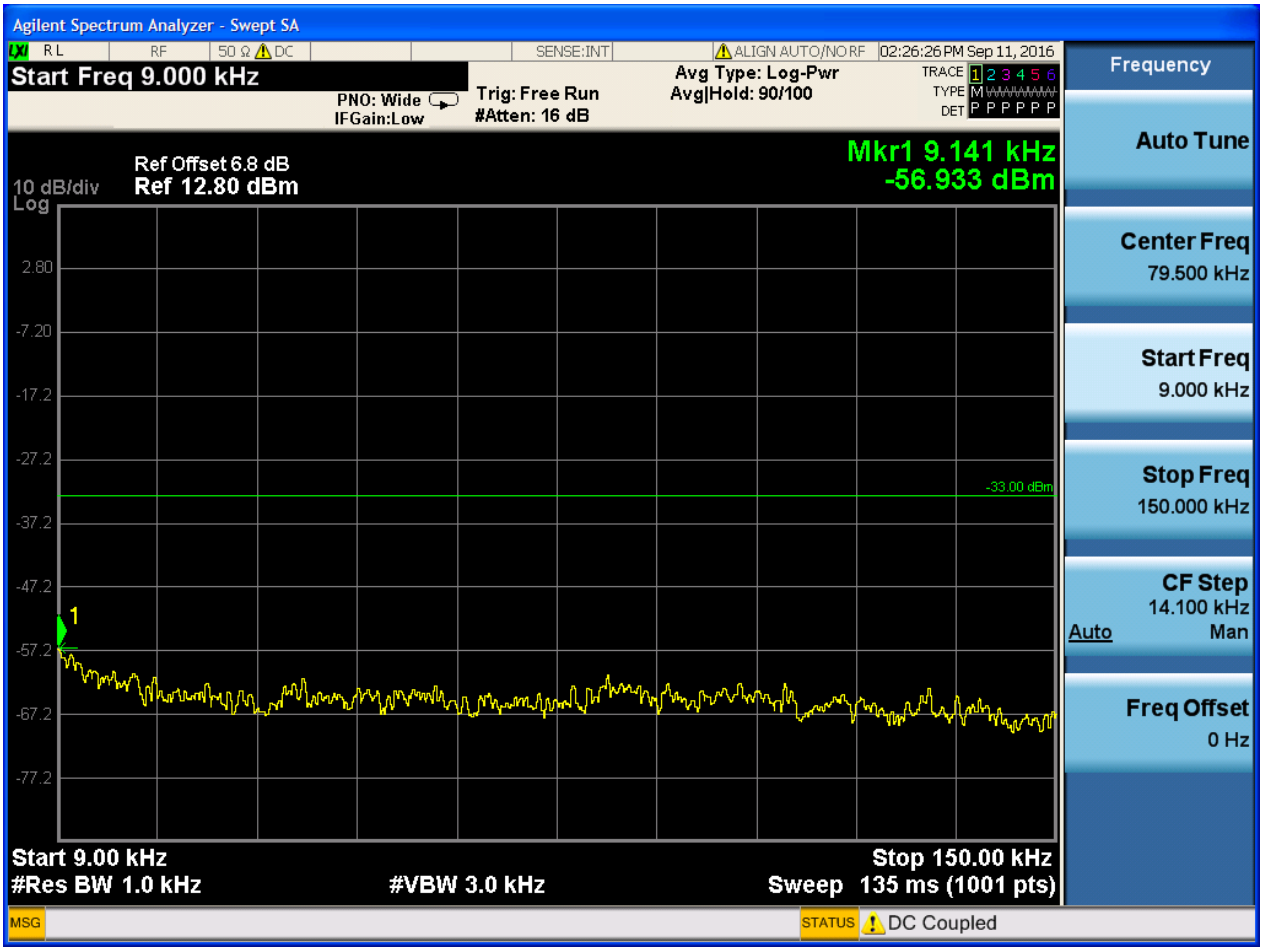
6.1.6 Test Band = BAND17

6.1.6.1 Test Mode = LTE/TM1

6.1.6.1.1 Test Bandwidth = 5

6.1.6.1.1.1 Test Channel = LCH



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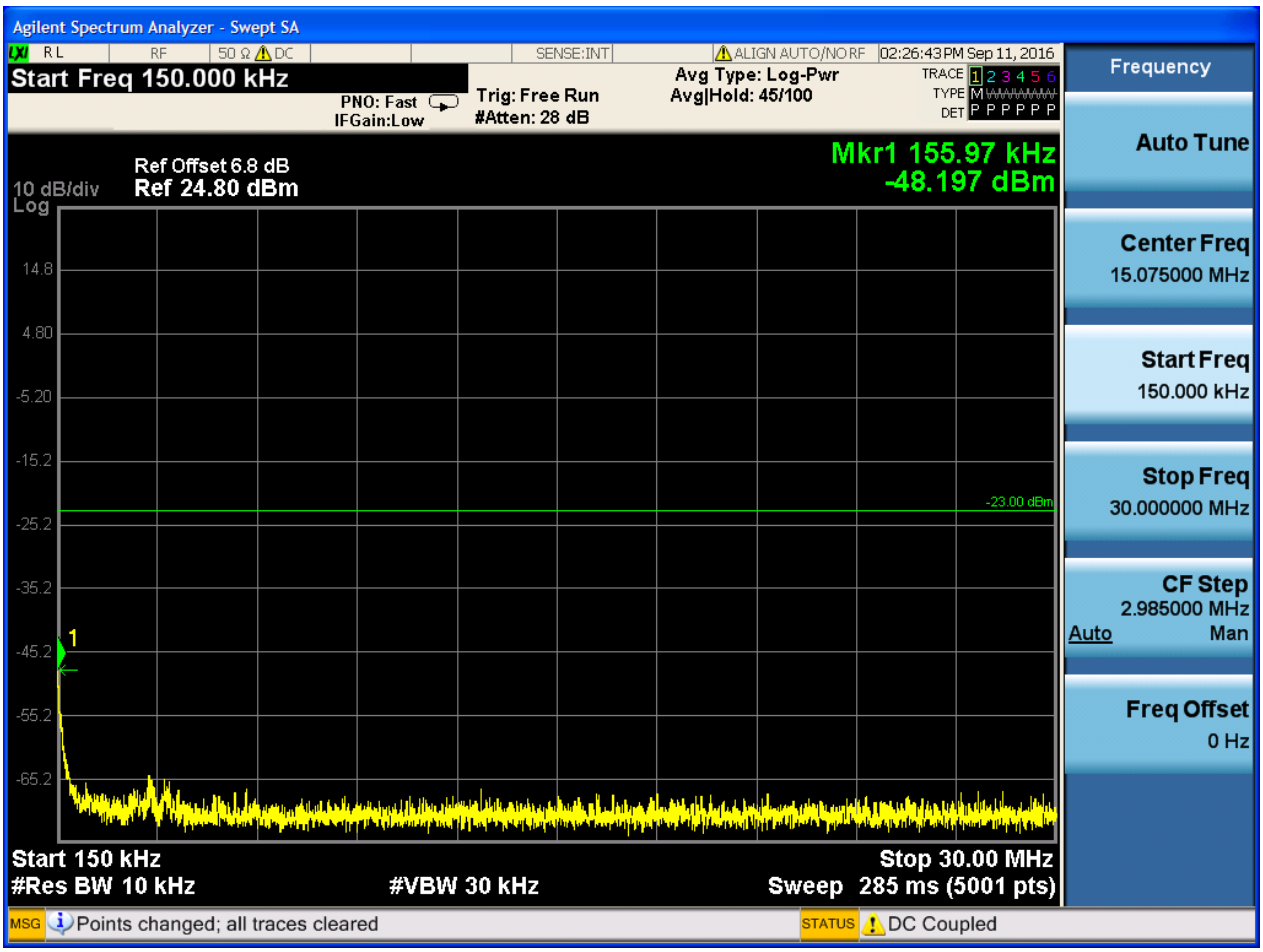

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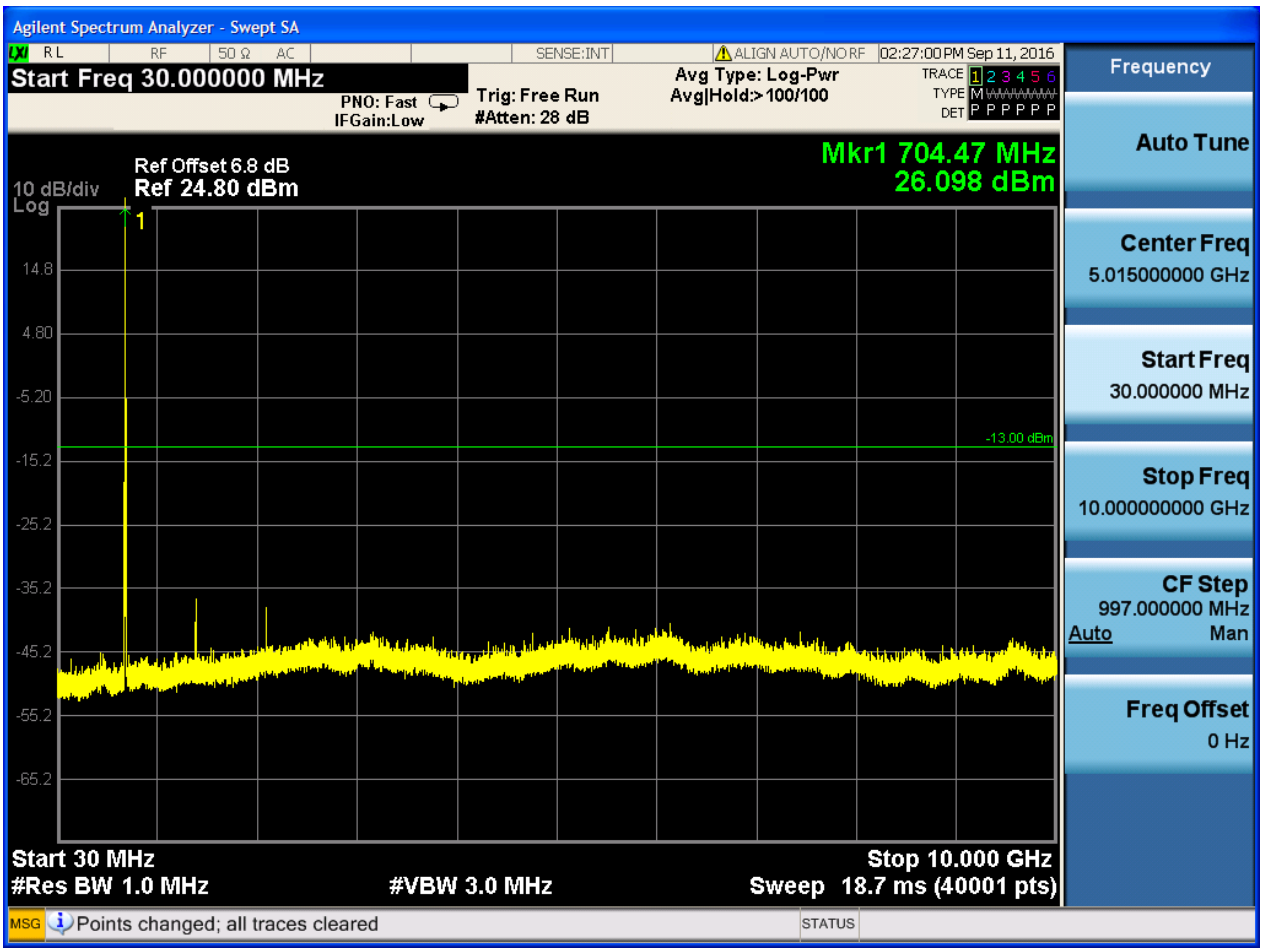

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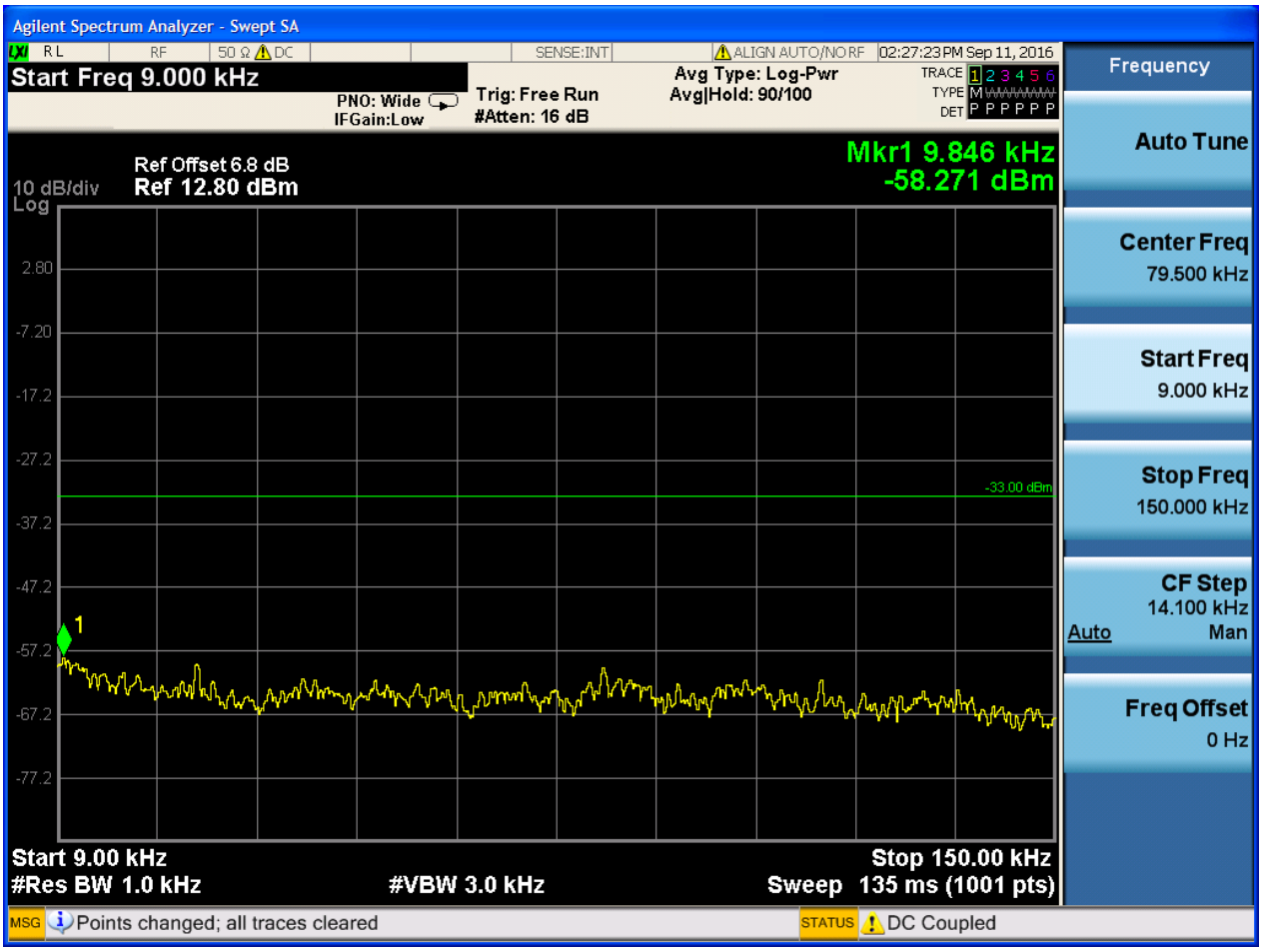
6.1.6.1.1.2 Test Channel = MCH

6.1.6.1.1.2.1 Test RB = RB1#0



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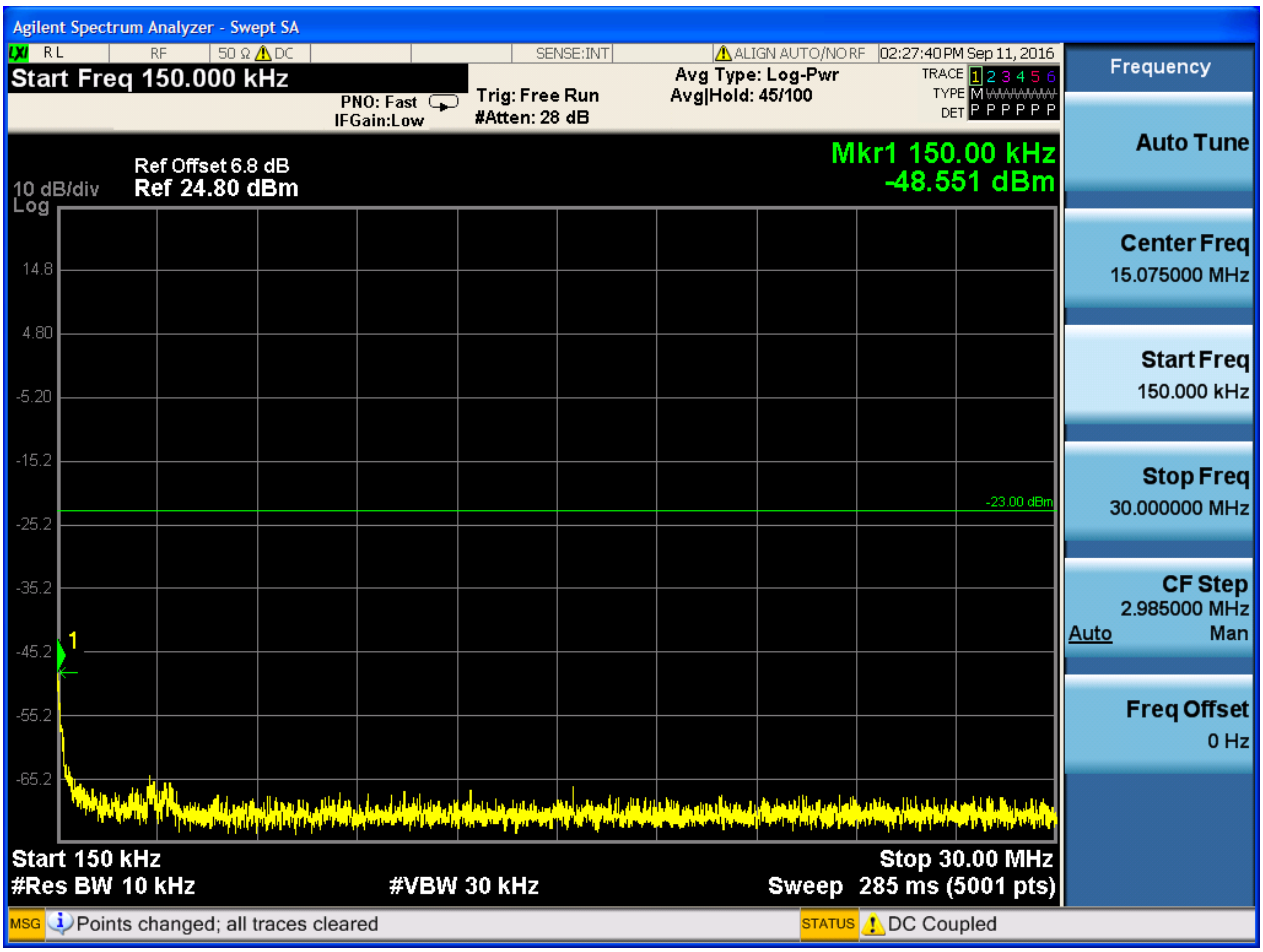

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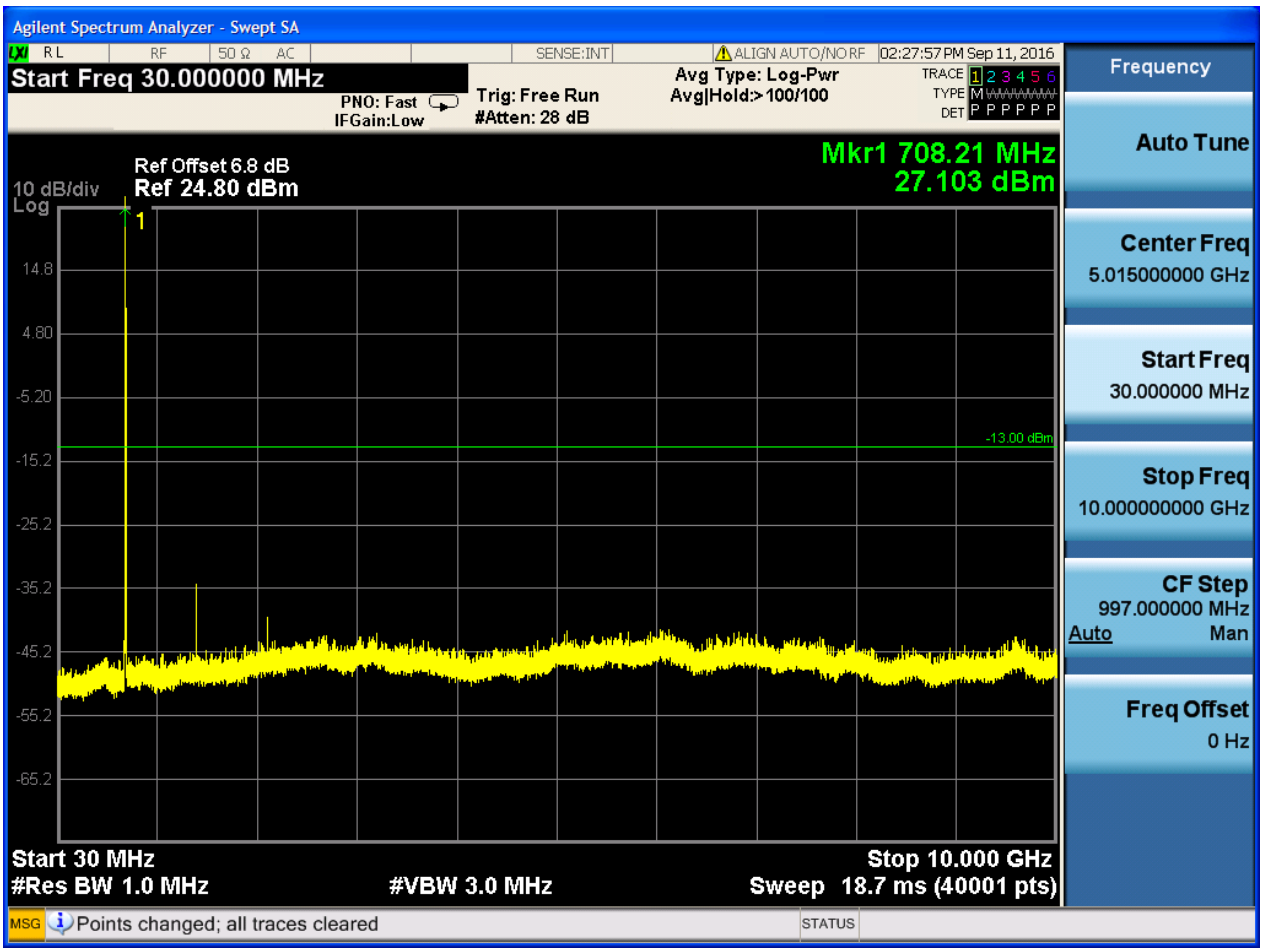

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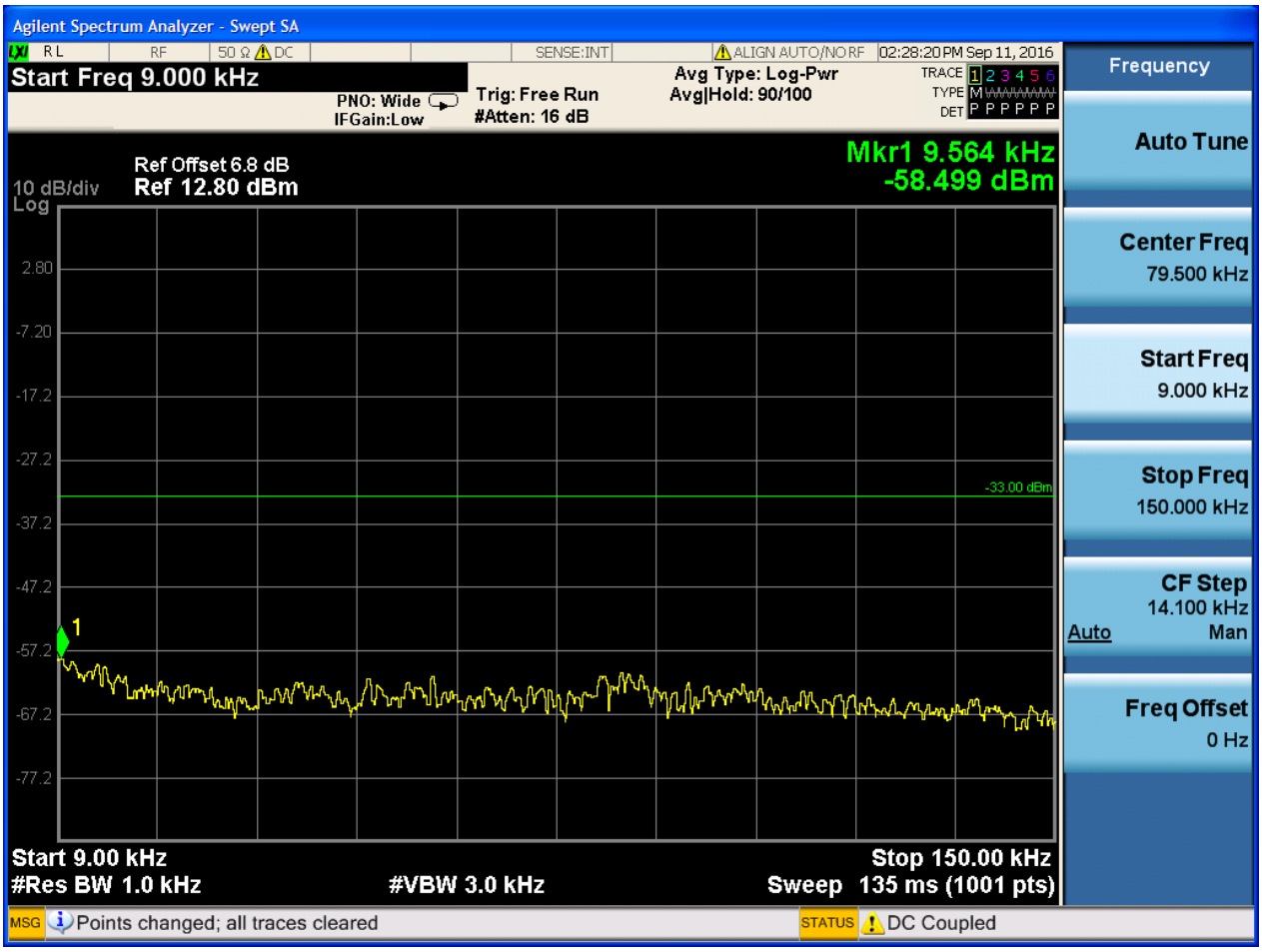
6.1.6.1.1.3 Test Channel = HCH

6.1.6.1.1.3.1 Test RB = RB1#0



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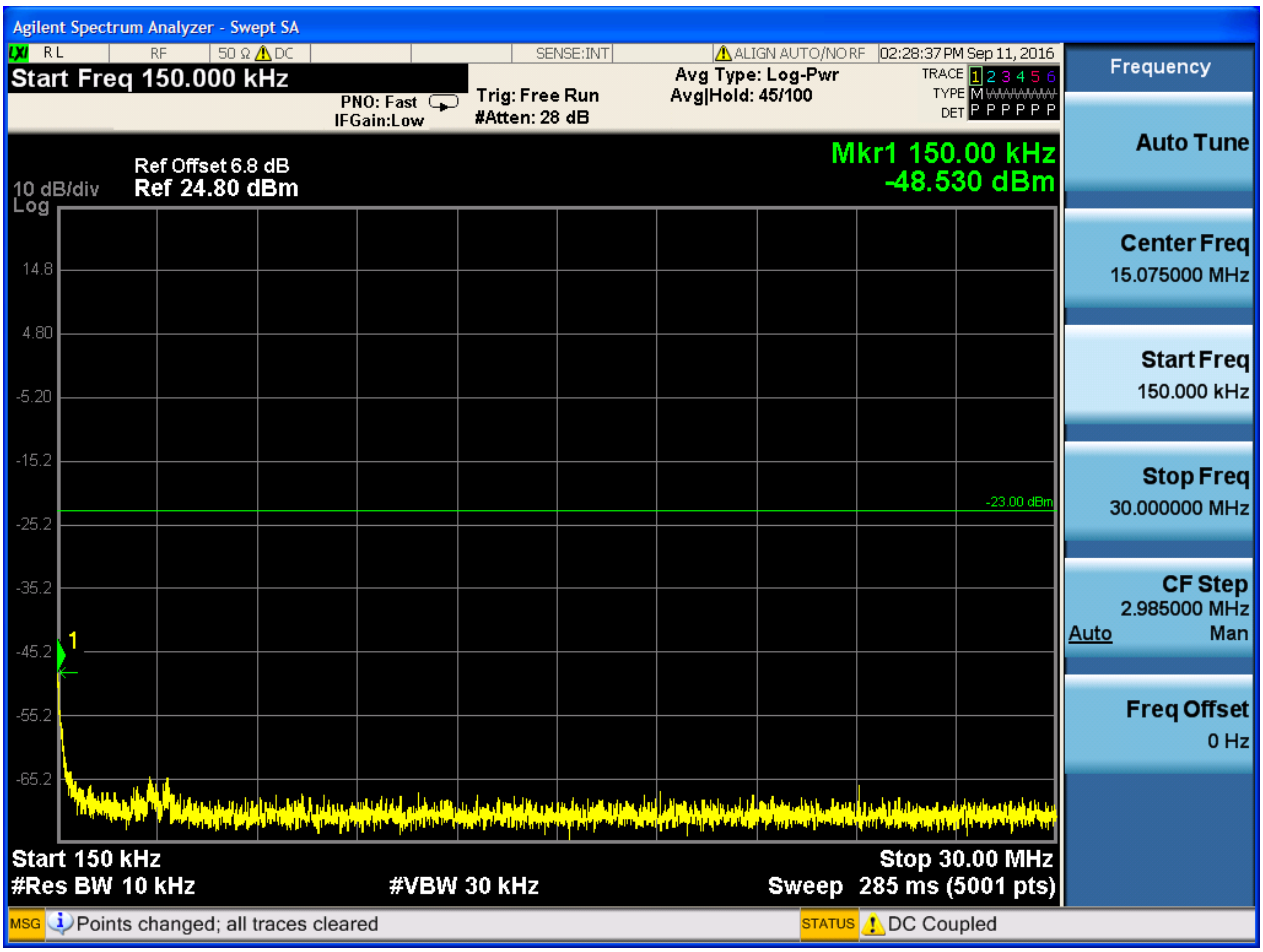

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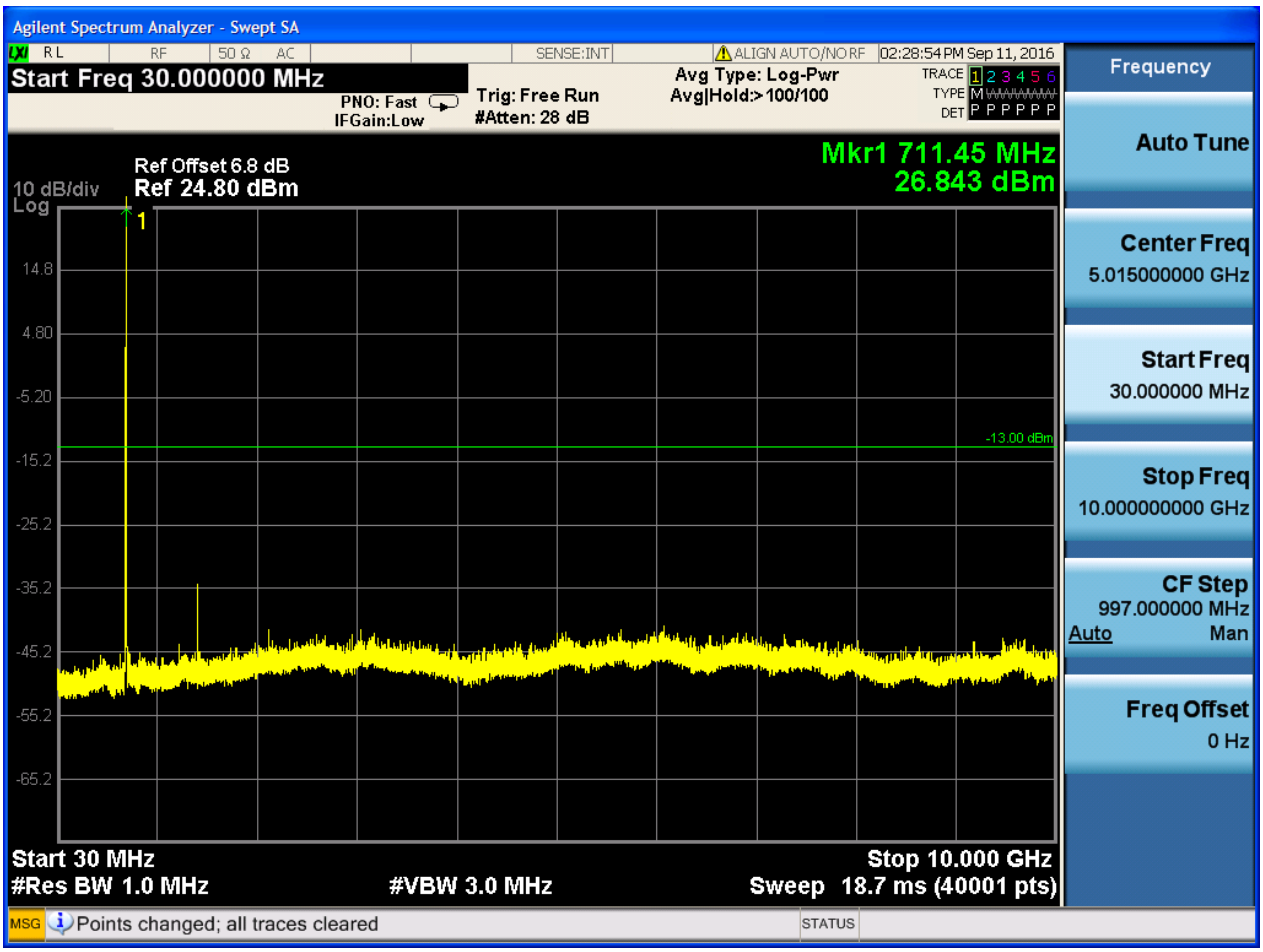

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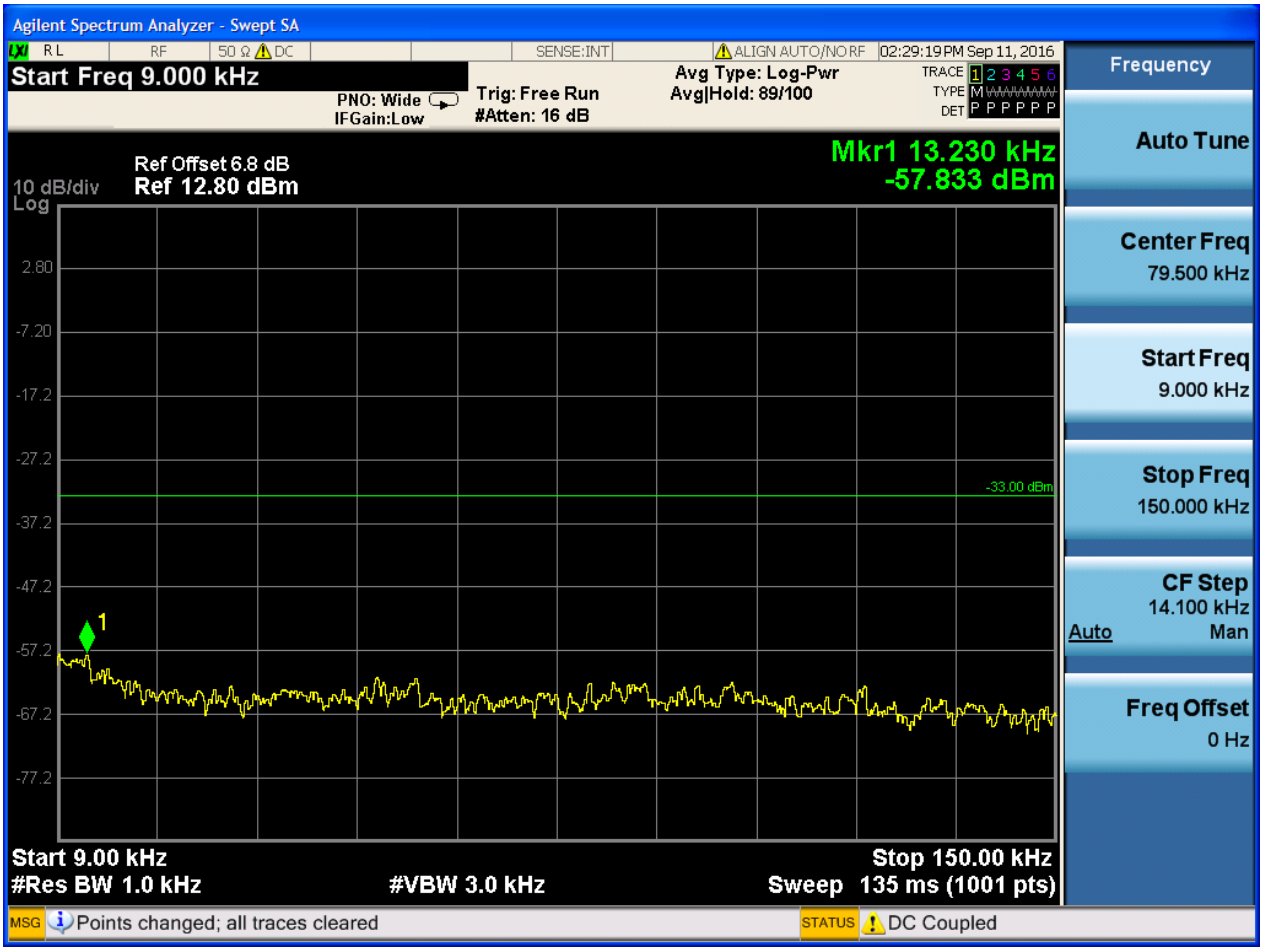
6.1.6.1.2 Test Bandwidth = 10

6.1.6.1.2.1 Test Channel = LCH

6.1.6.1.2.1.1 Test RB = RB1#0



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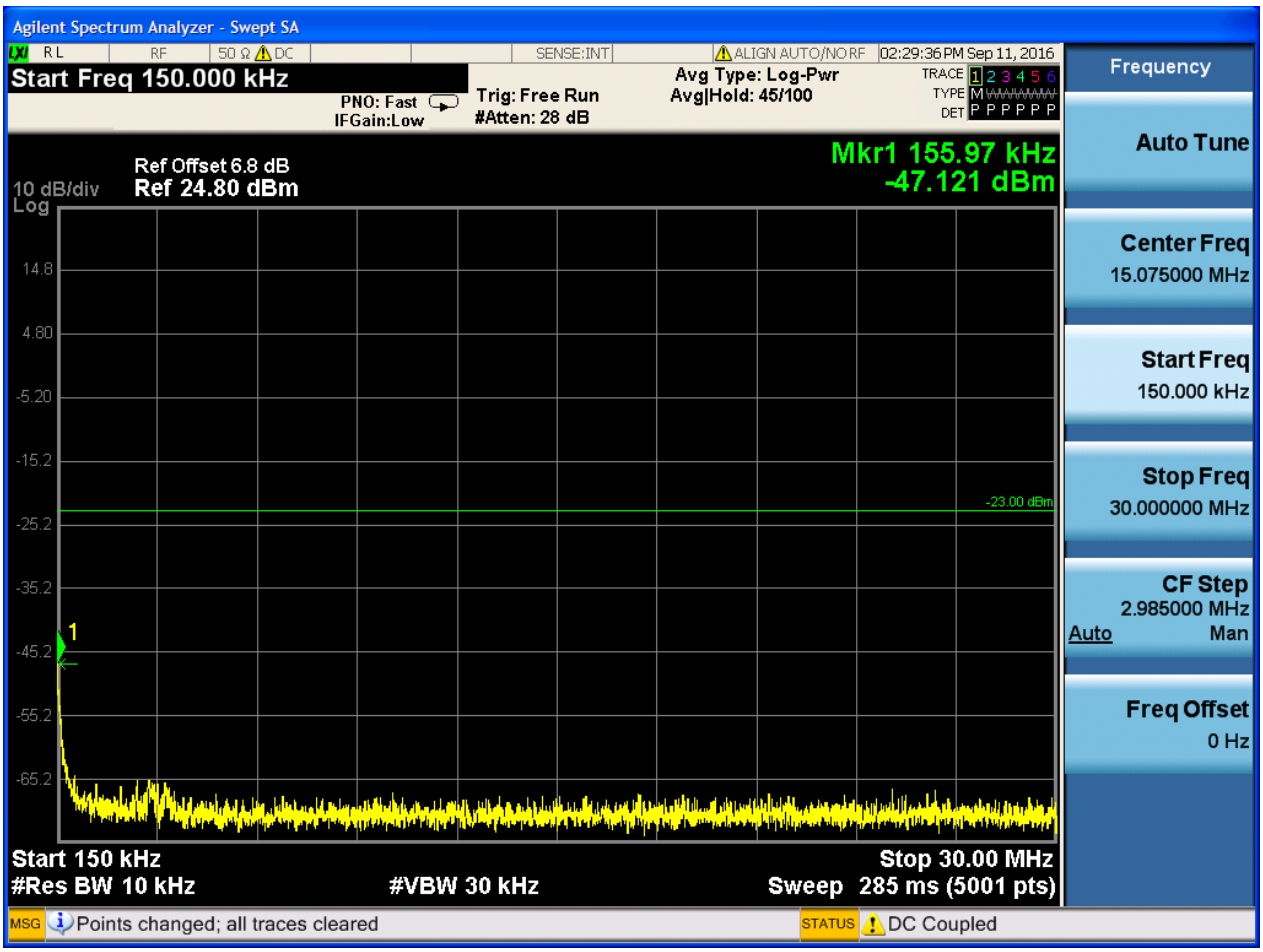

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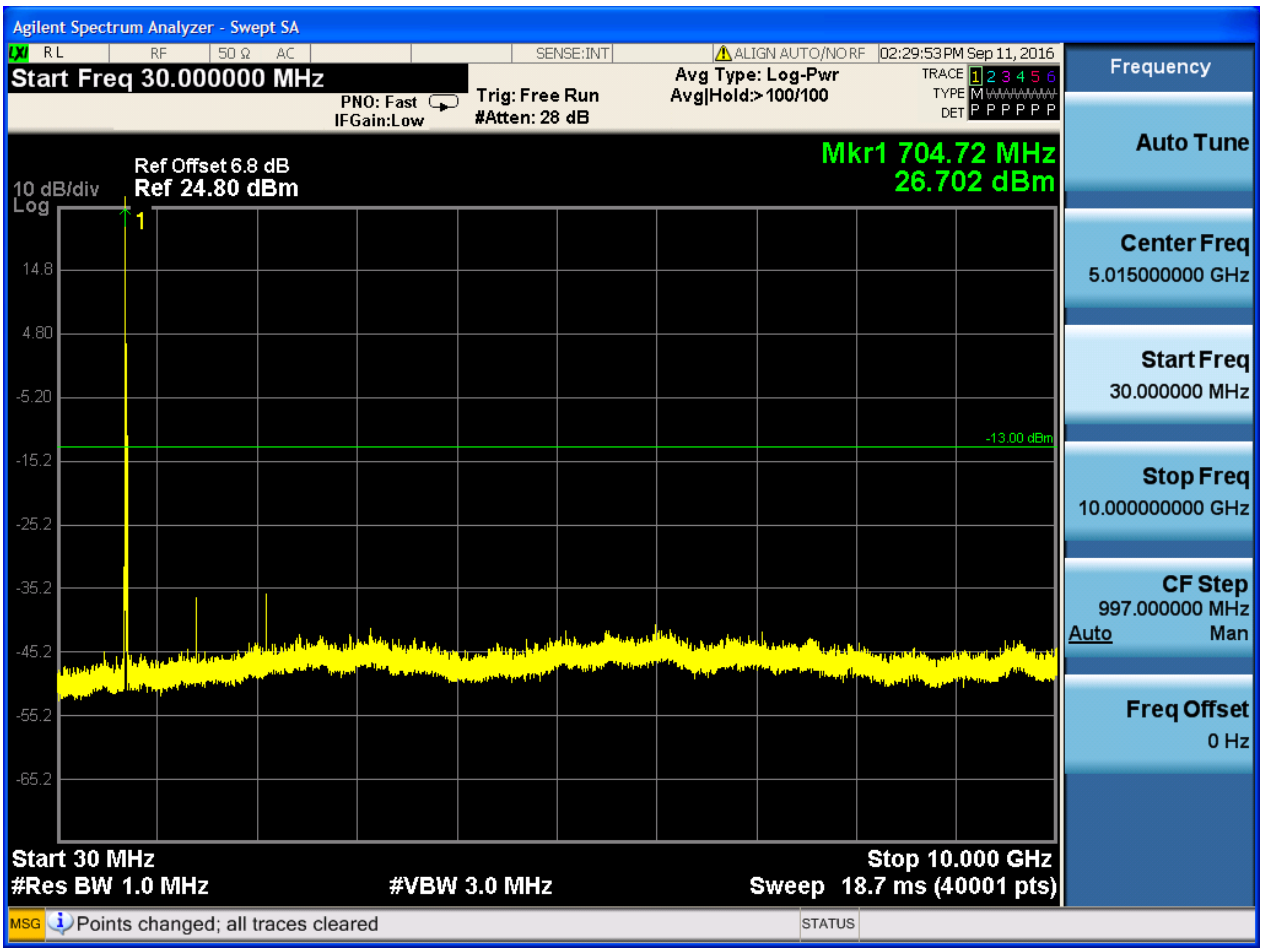

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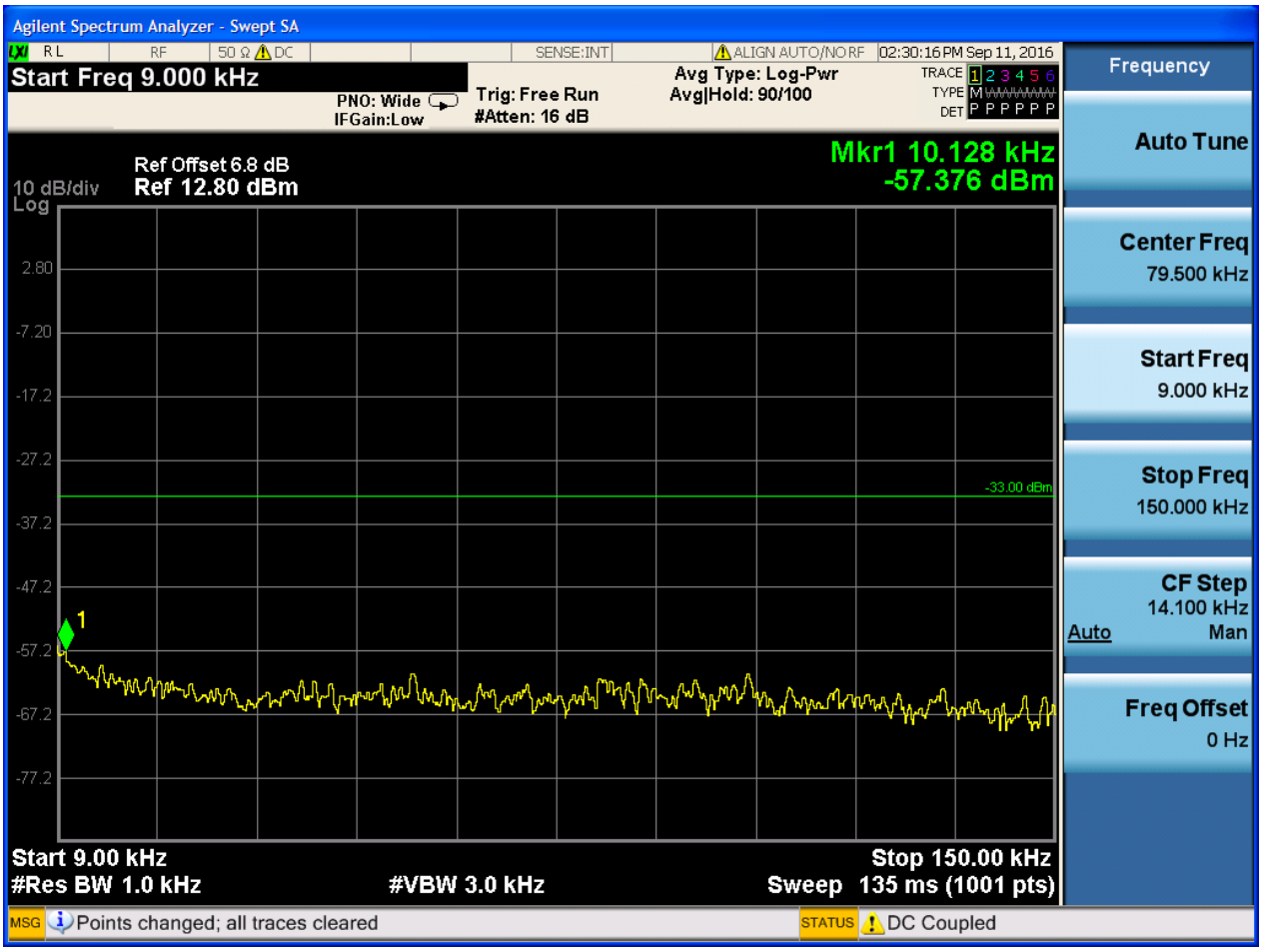
6.1.6.1.2.2 Test Channel = MCH

6.1.6.1.2.2.1 Test RB = RB1#0



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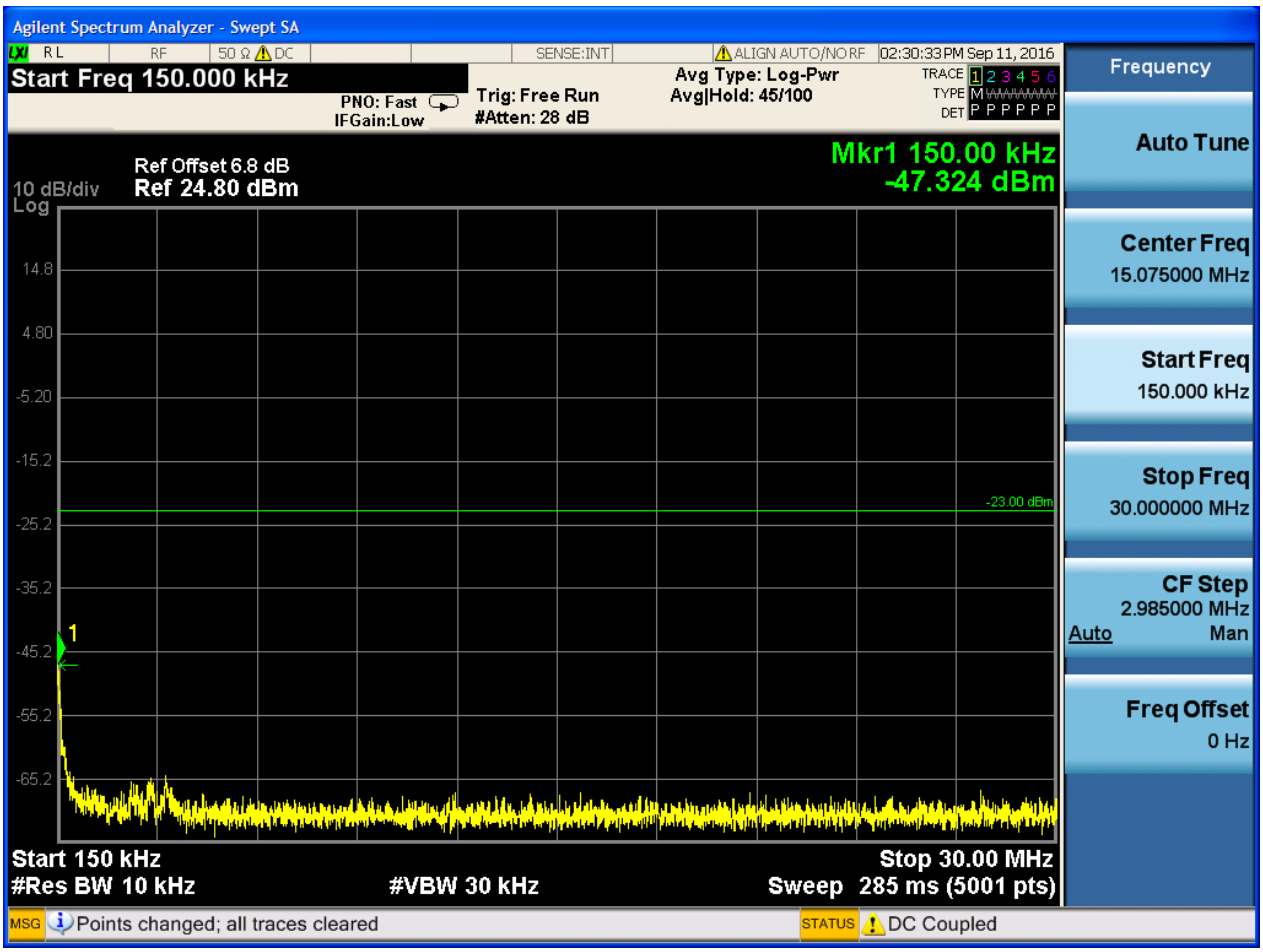

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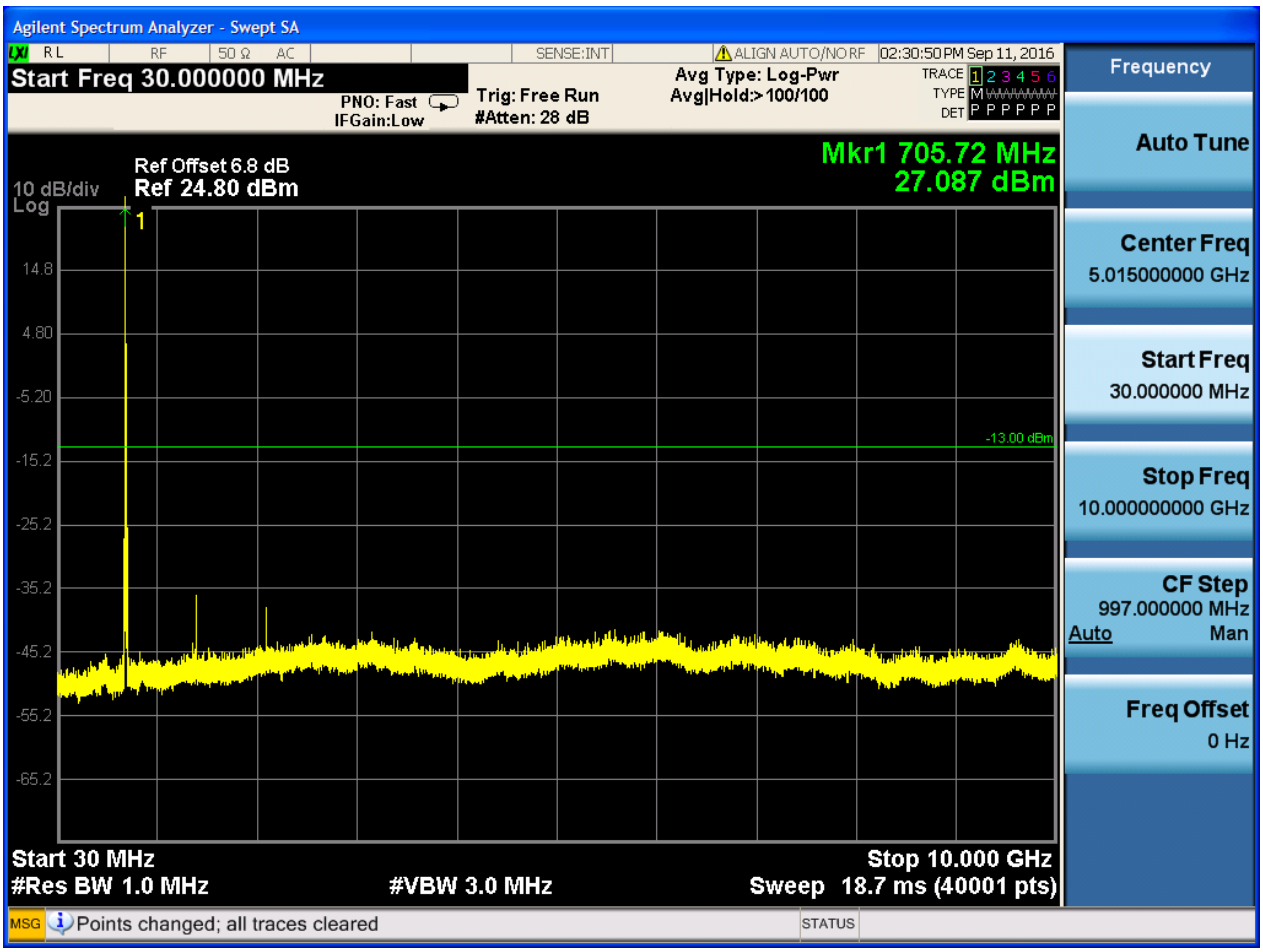

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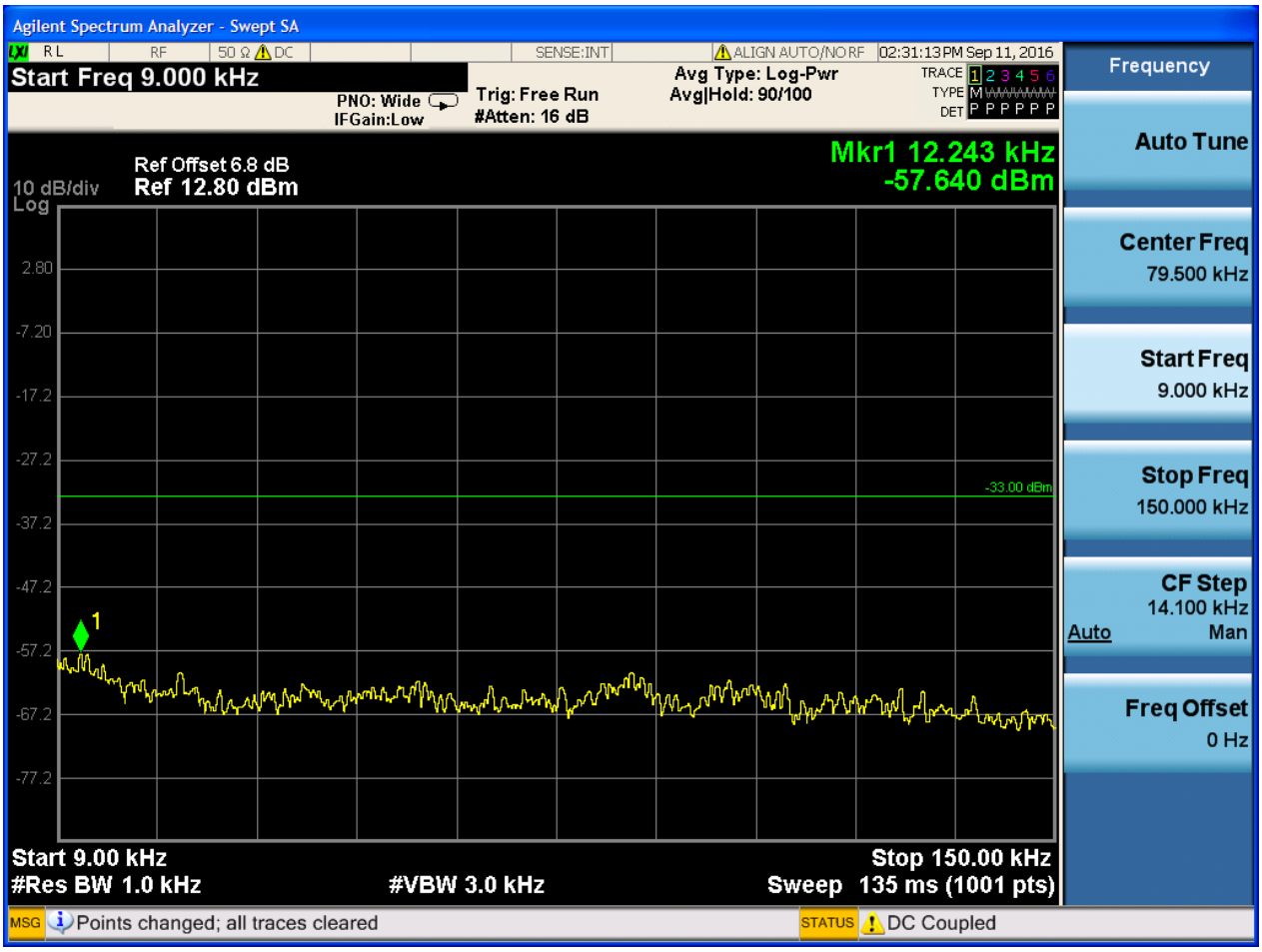
6.1.6.1.2.3 Test Channel = HCH

6.1.6.1.2.3.1 Test RB = RB1#0



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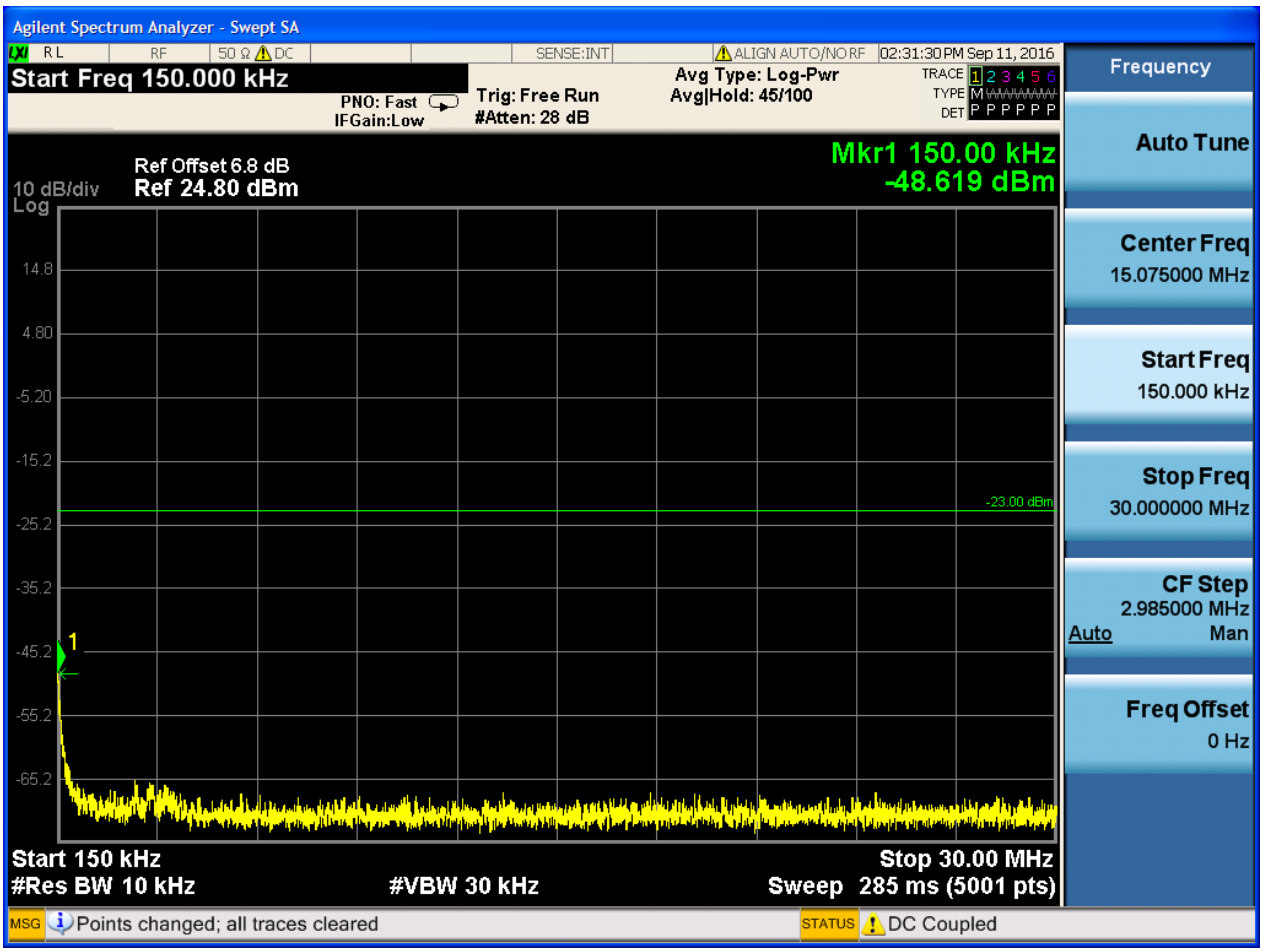

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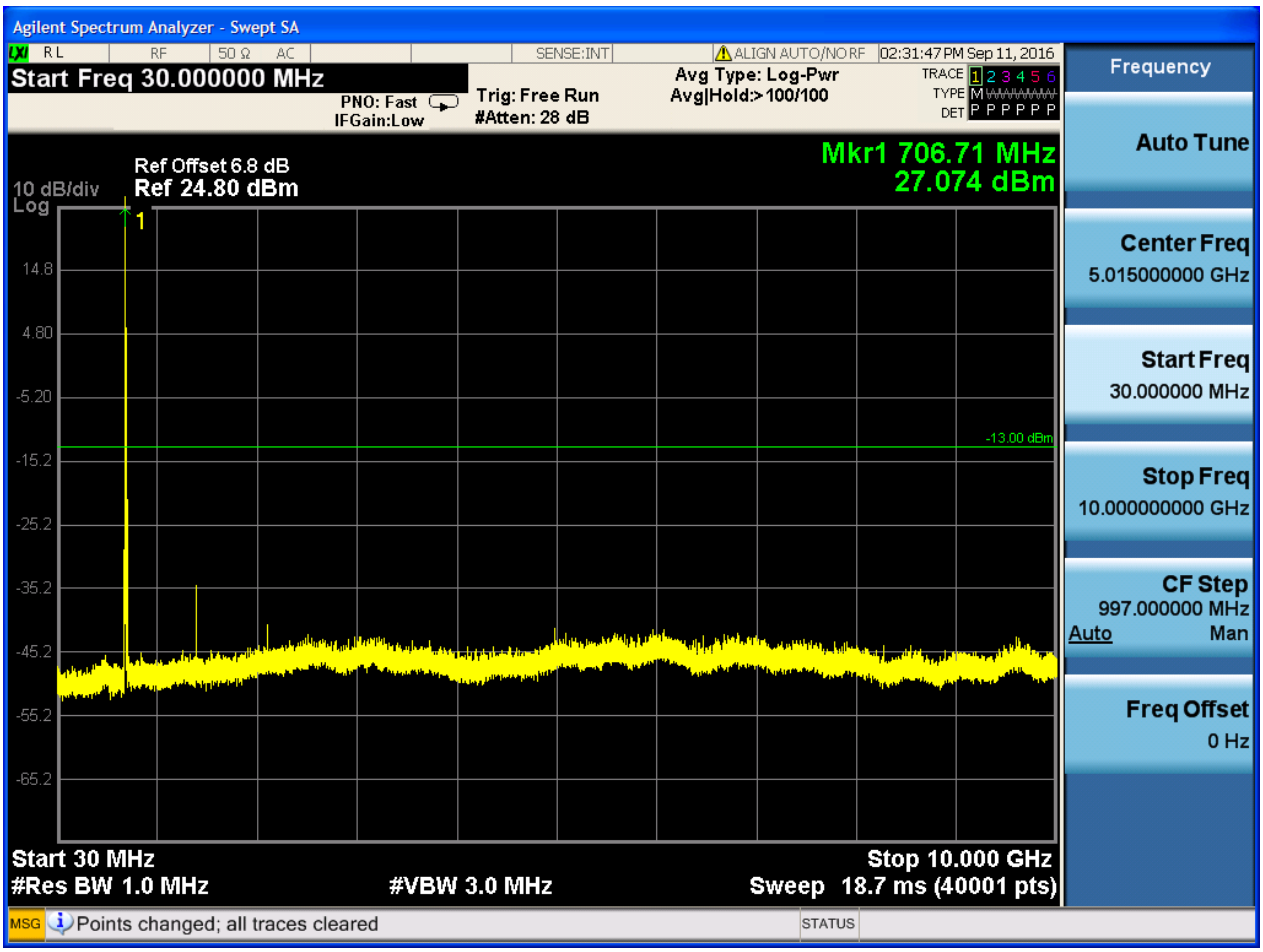

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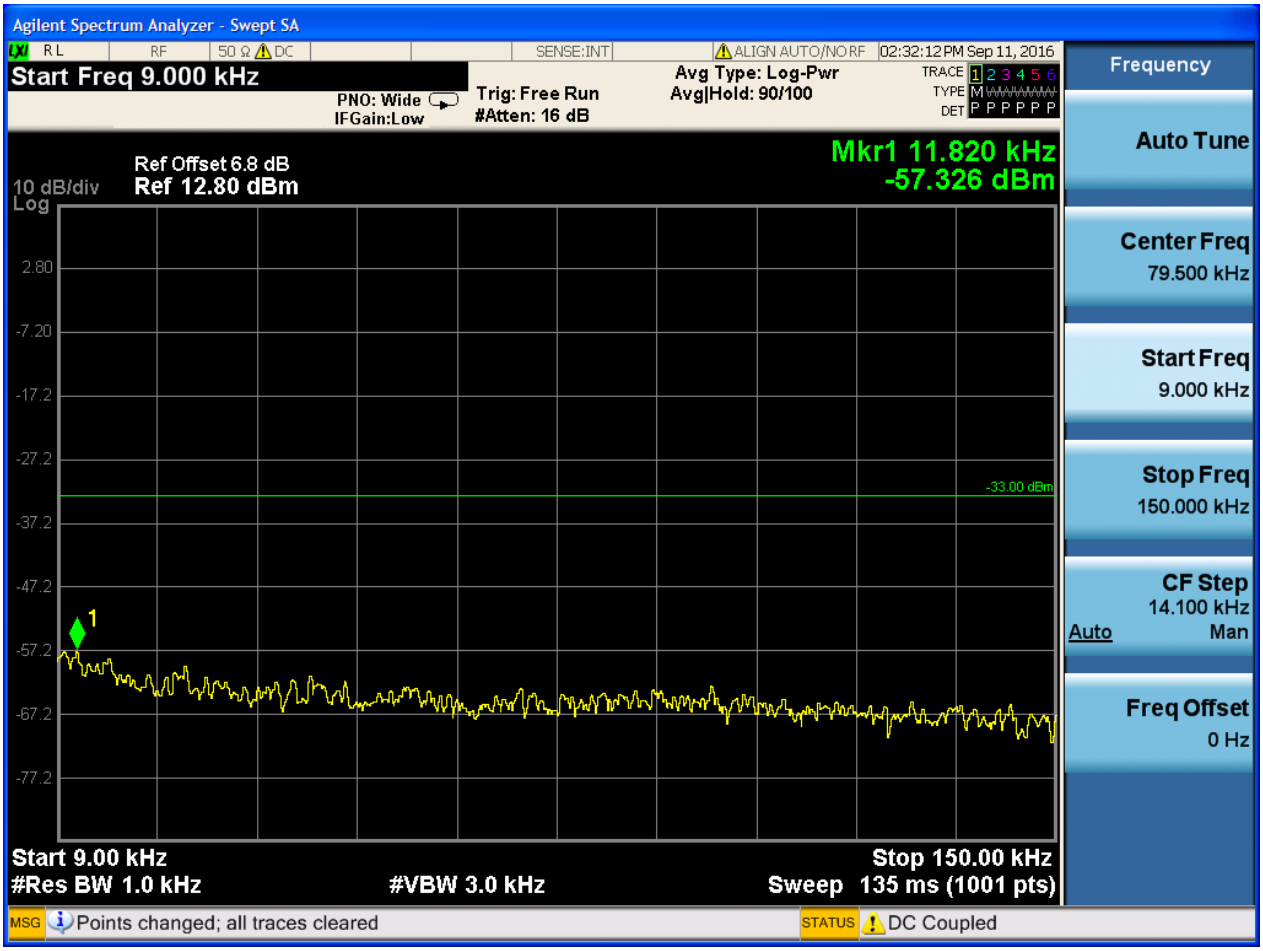
6.1.6.2 Test Mode = LTE/TM2

6.1.6.2.1 Test Bandwidth = 5

6.1.6.2.1.1 Test Channel = LCH

6.1.6.2.1.1.1 Test RB = RB1#0



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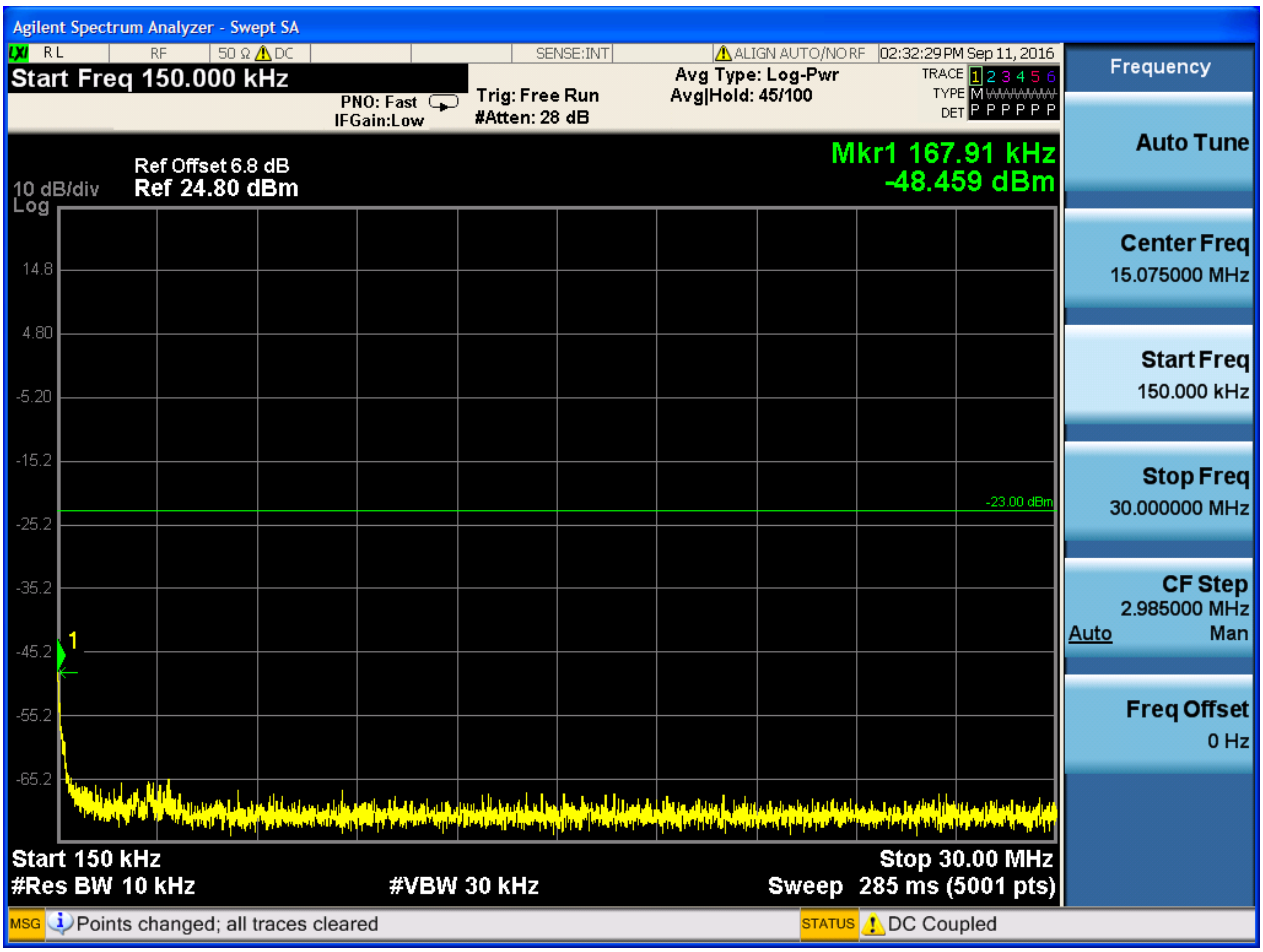

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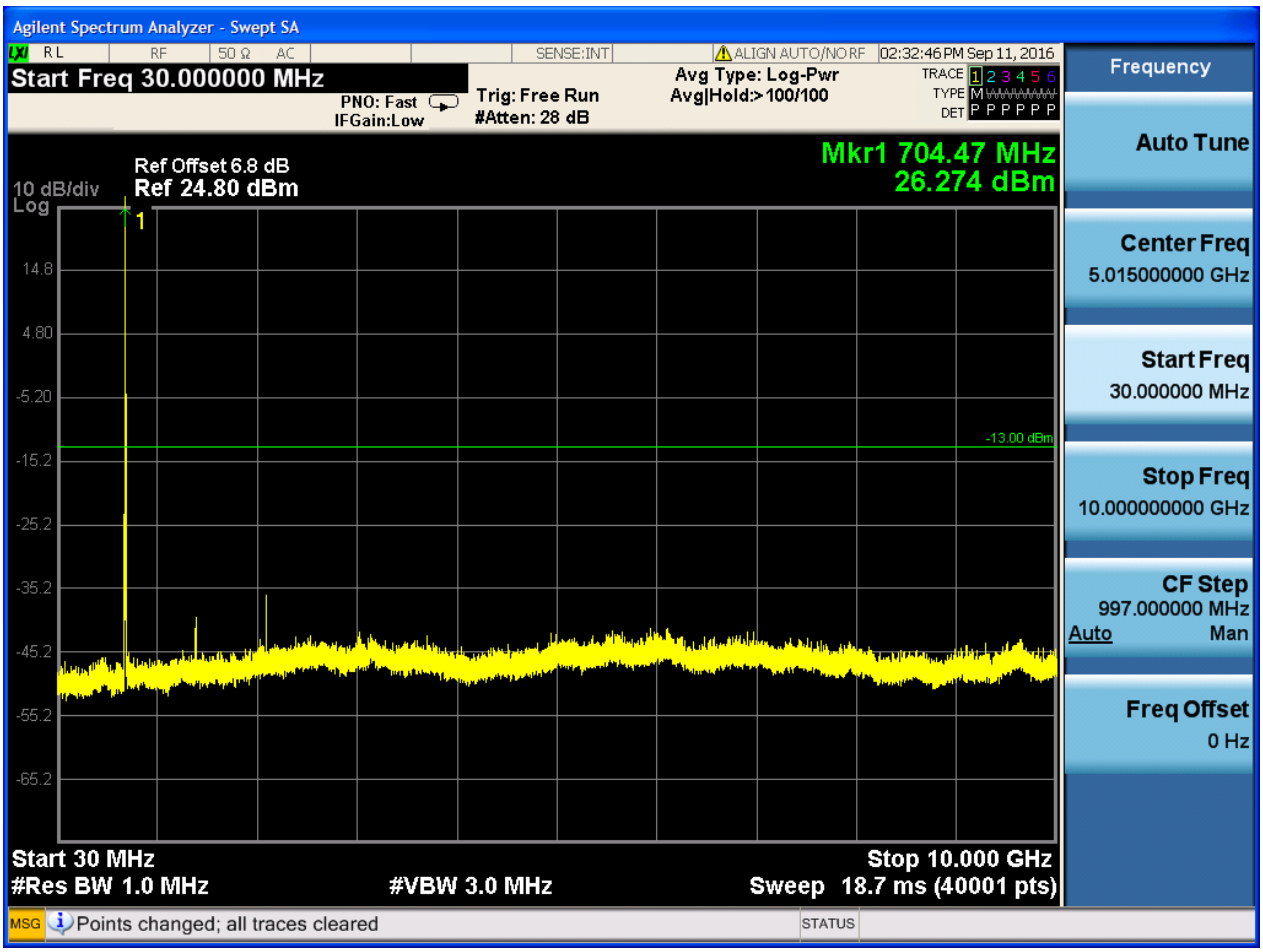

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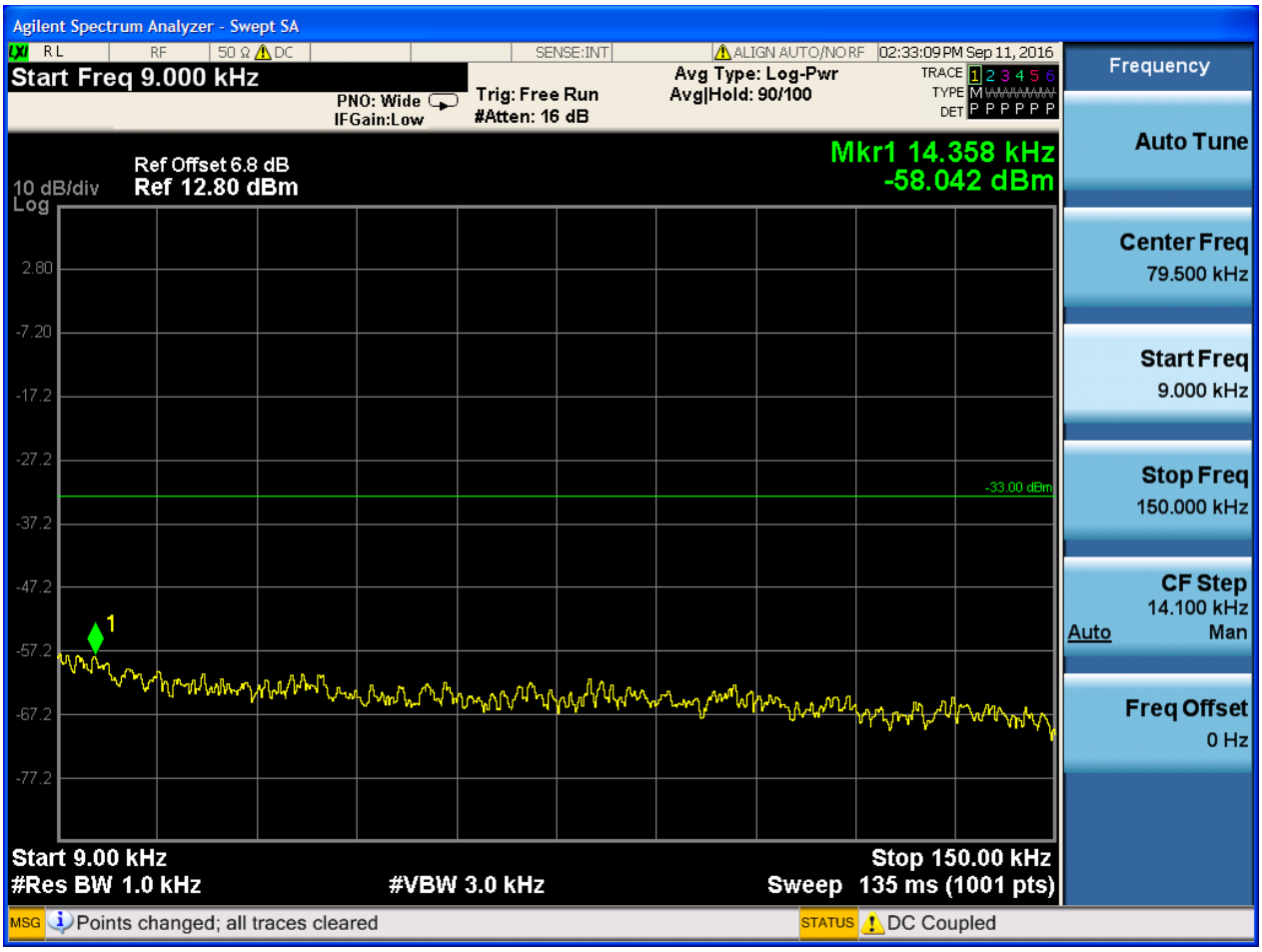
6.1.6.2.1.2 Test Channel = MCH

6.1.6.2.1.2.1 Test RB = RB1#0



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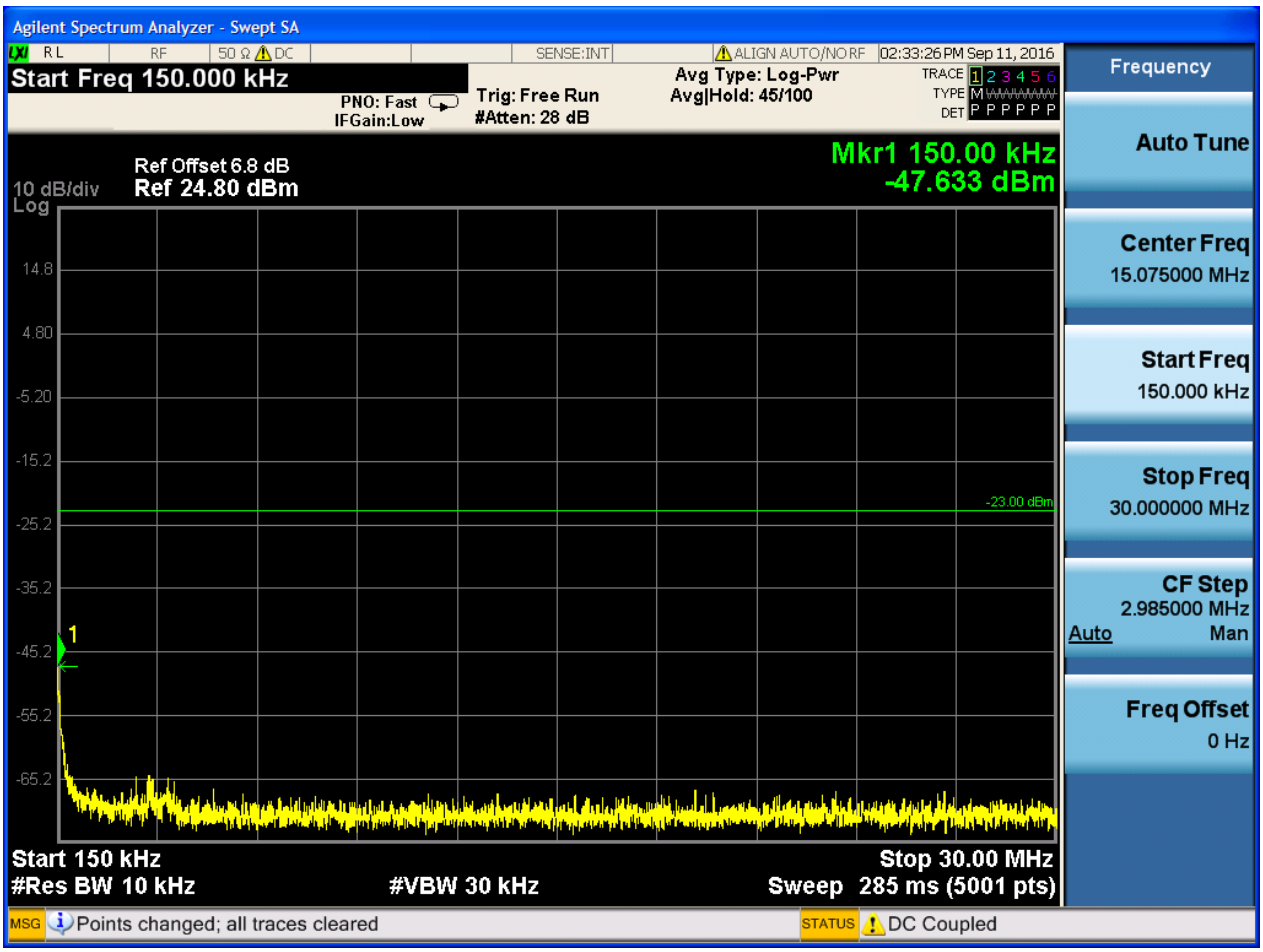

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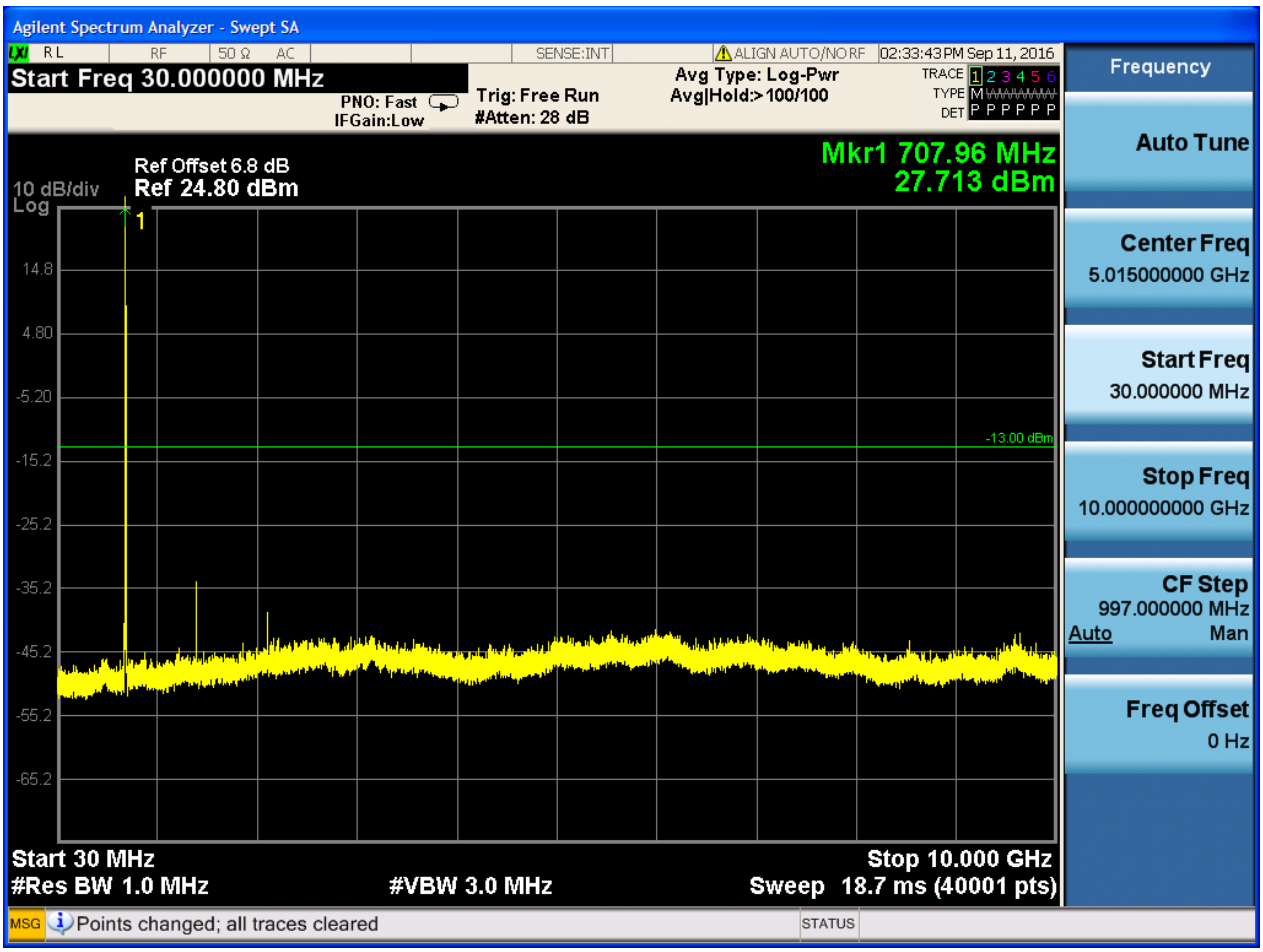

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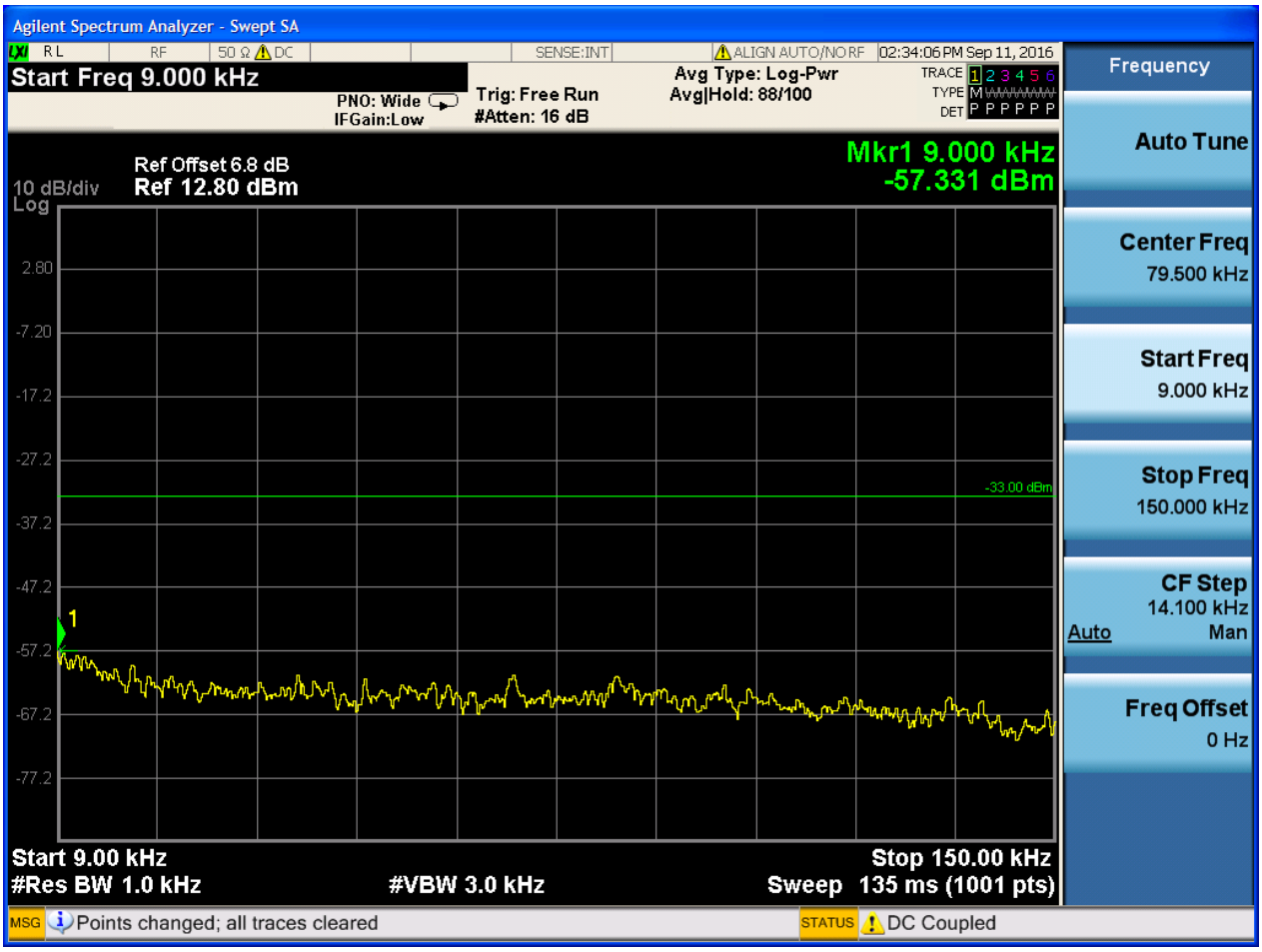
6.1.6.2.1.3 Test Channel = HCH

6.1.6.2.1.3.1 Test RB = RB1#0



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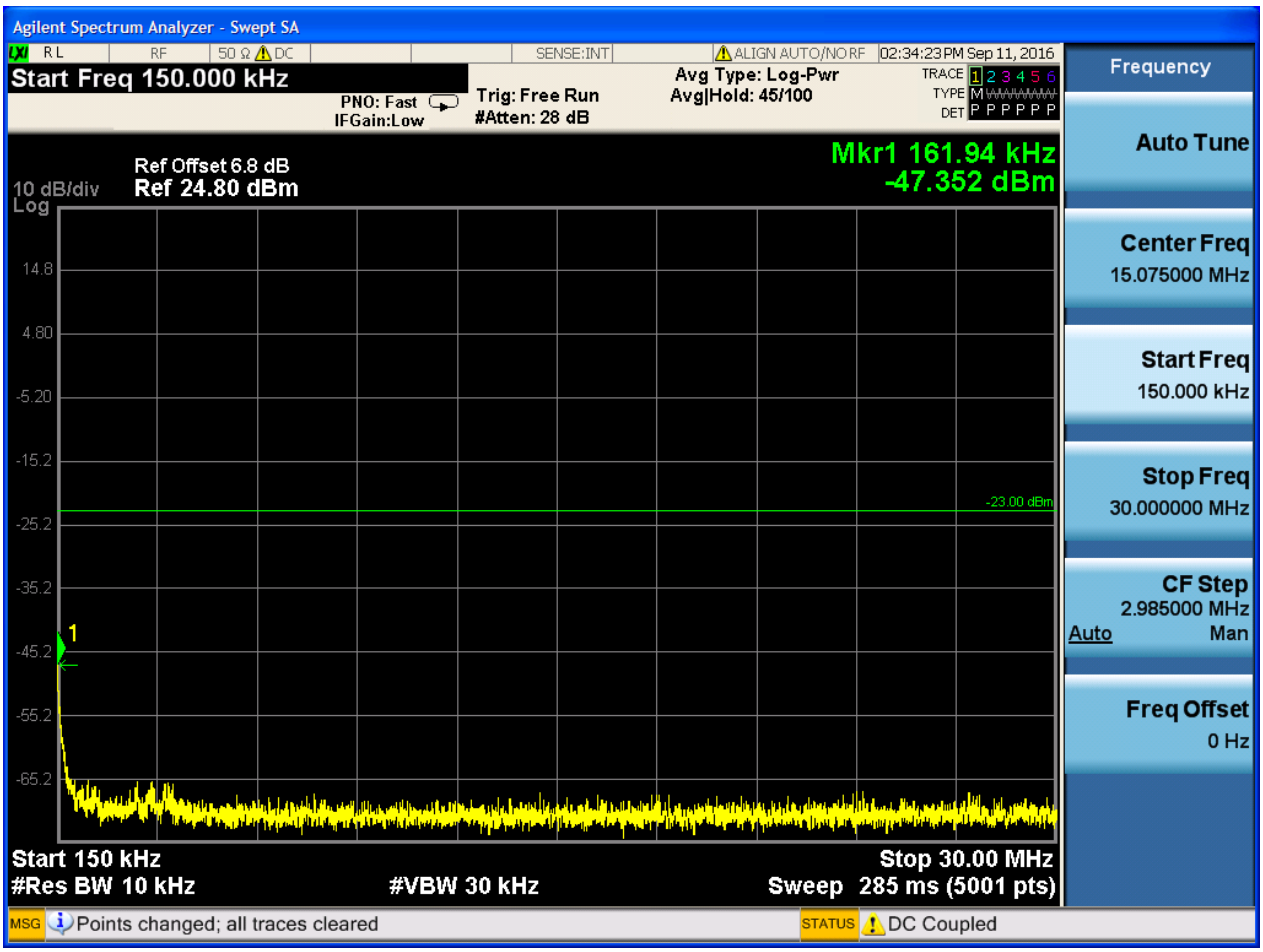

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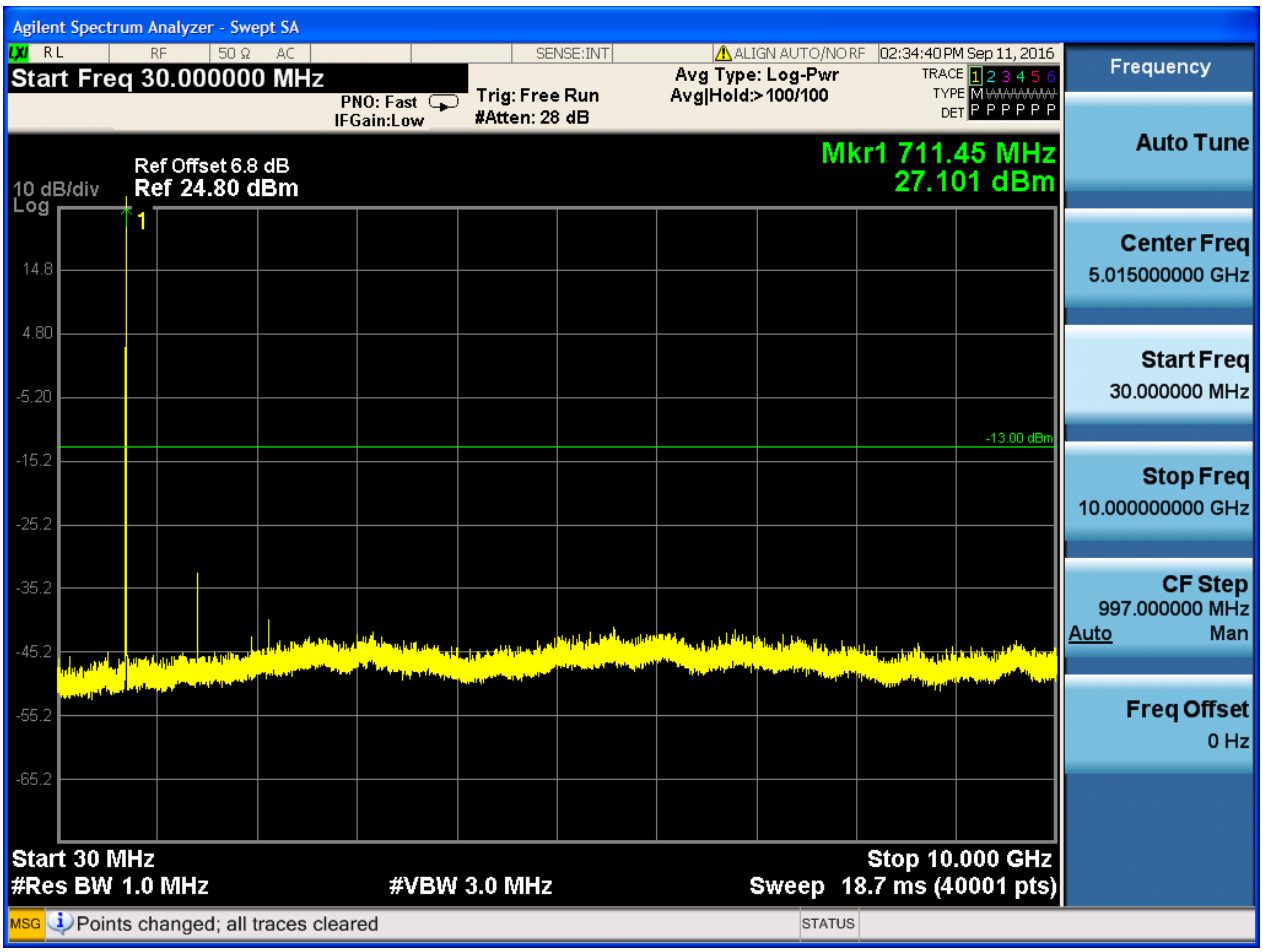

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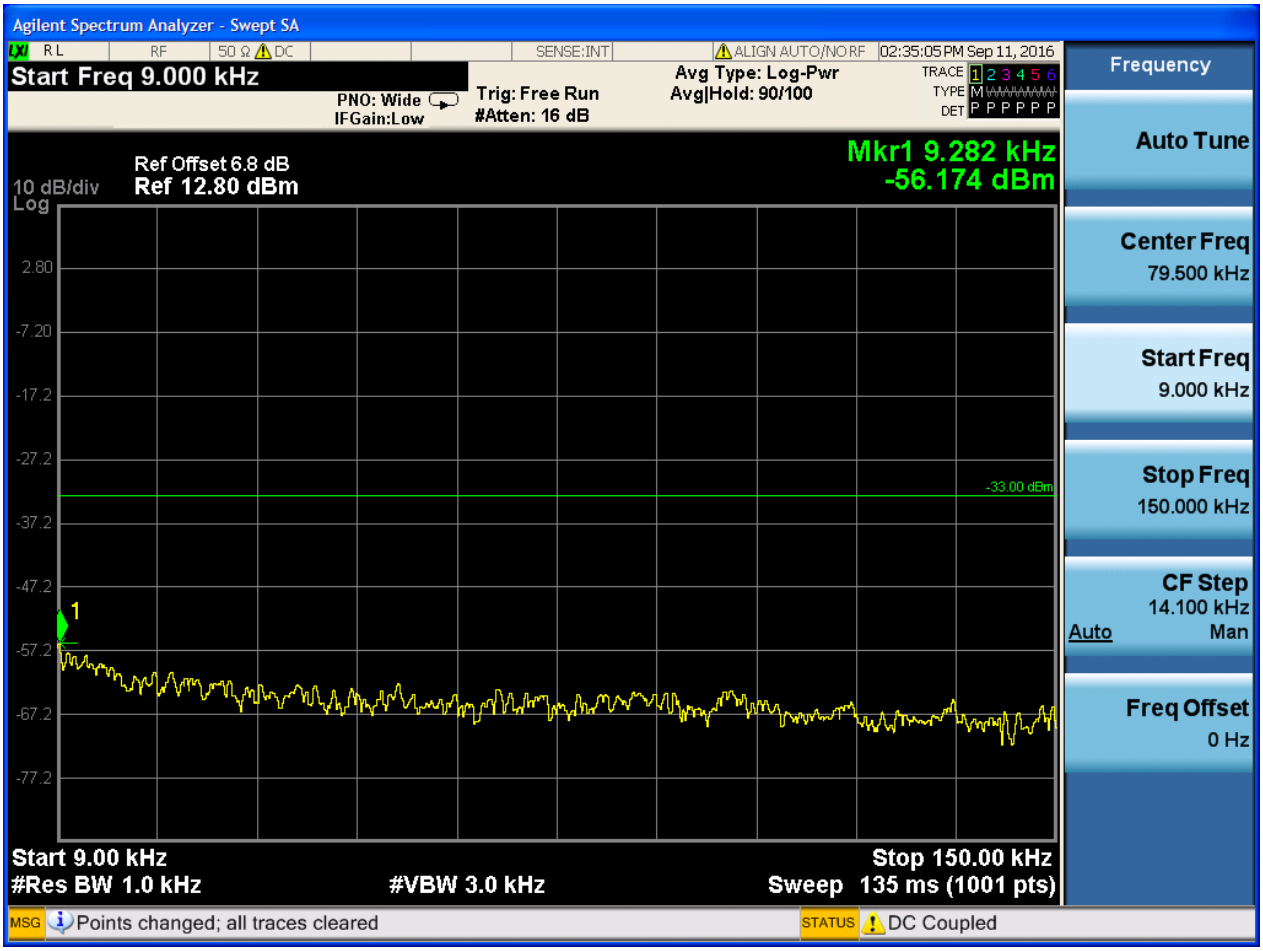
6.1.6.2.2 Test Bandwidth = 10

6.1.6.2.2.1 Test Channel = LCH

6.1.6.2.2.1.1 Test RB = RB1#0



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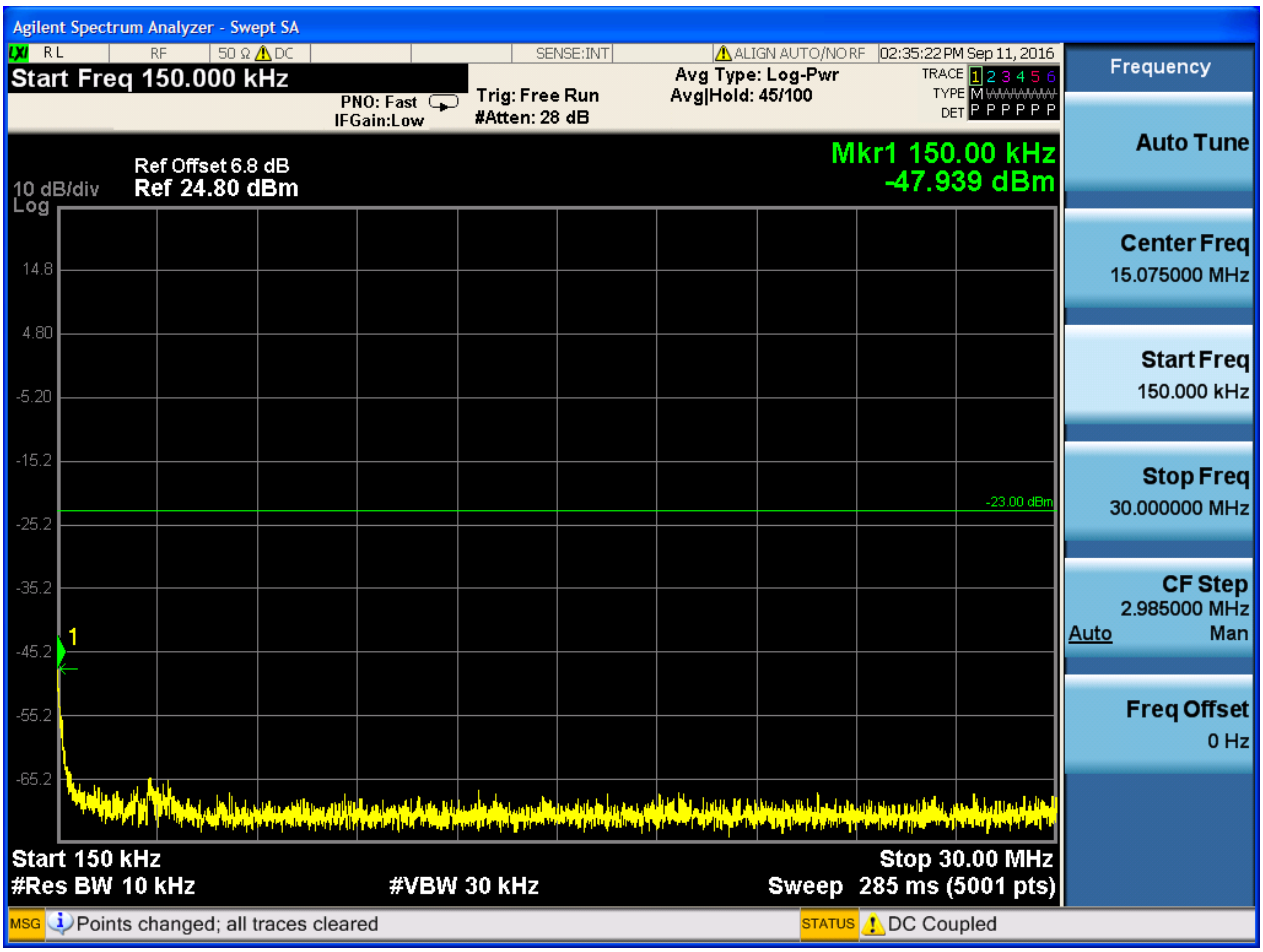

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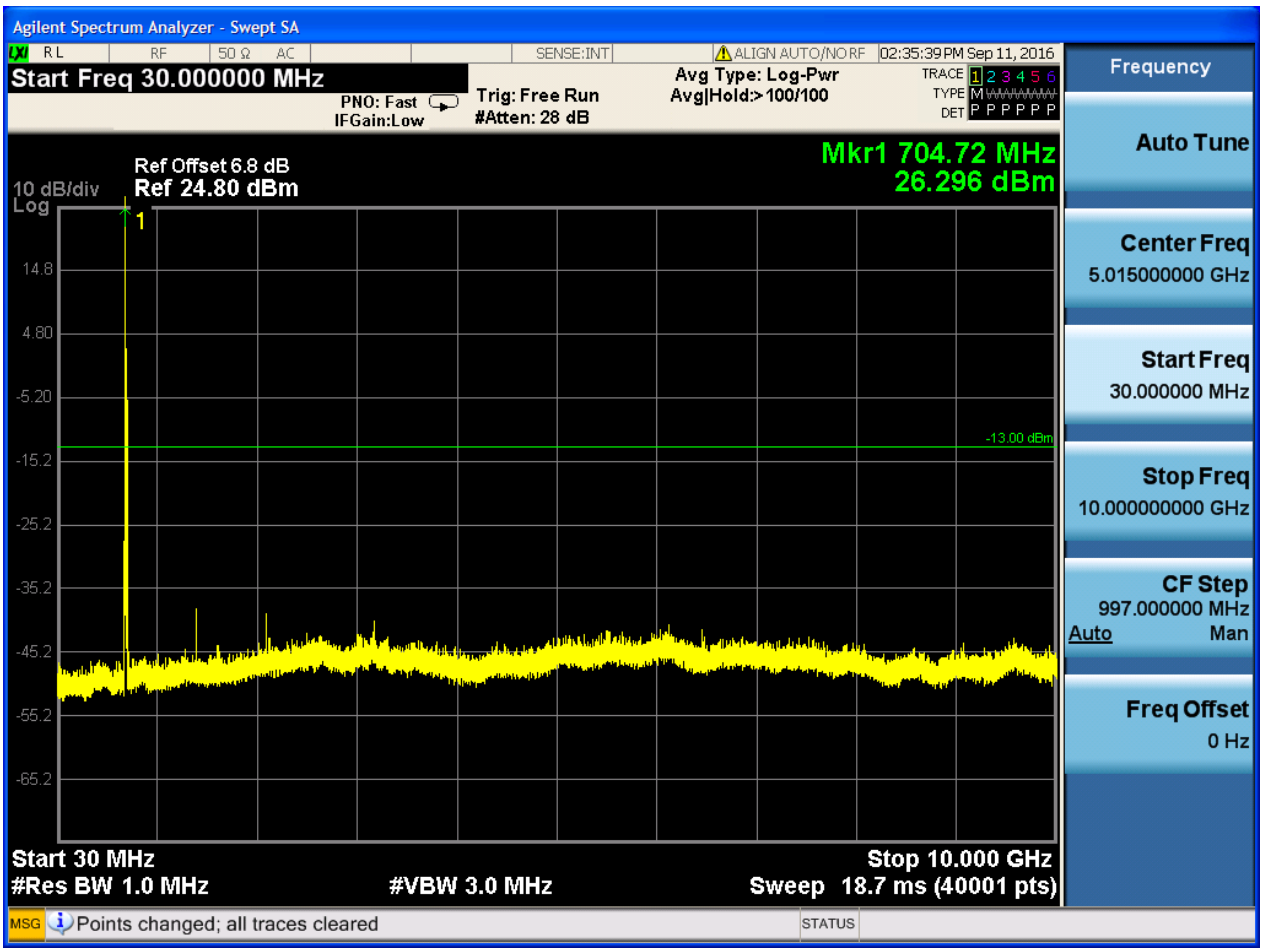

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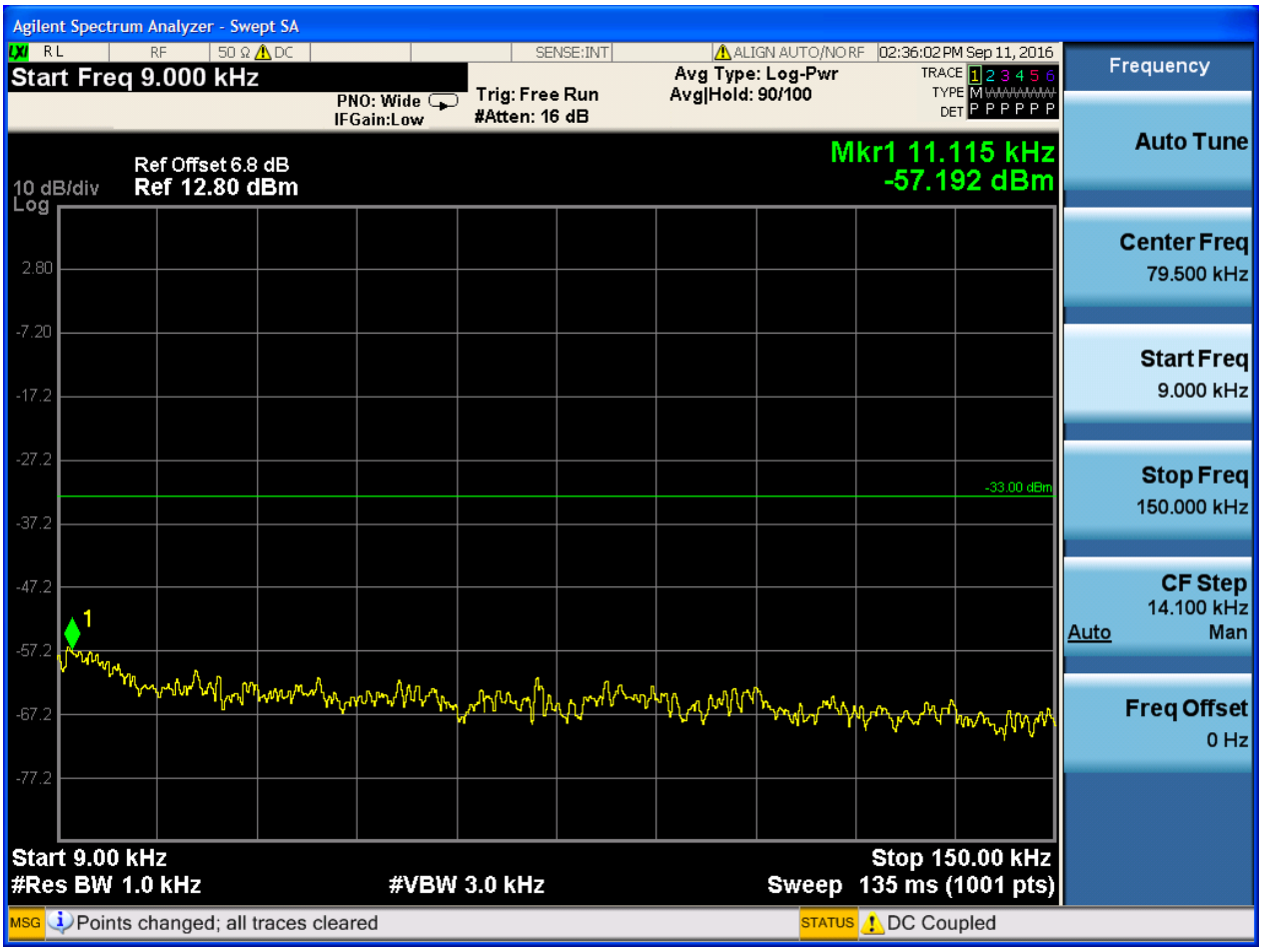
6.1.6.2.2.2 Test Channel = MCH

6.1.6.2.2.2.1 Test RB = RB1#0



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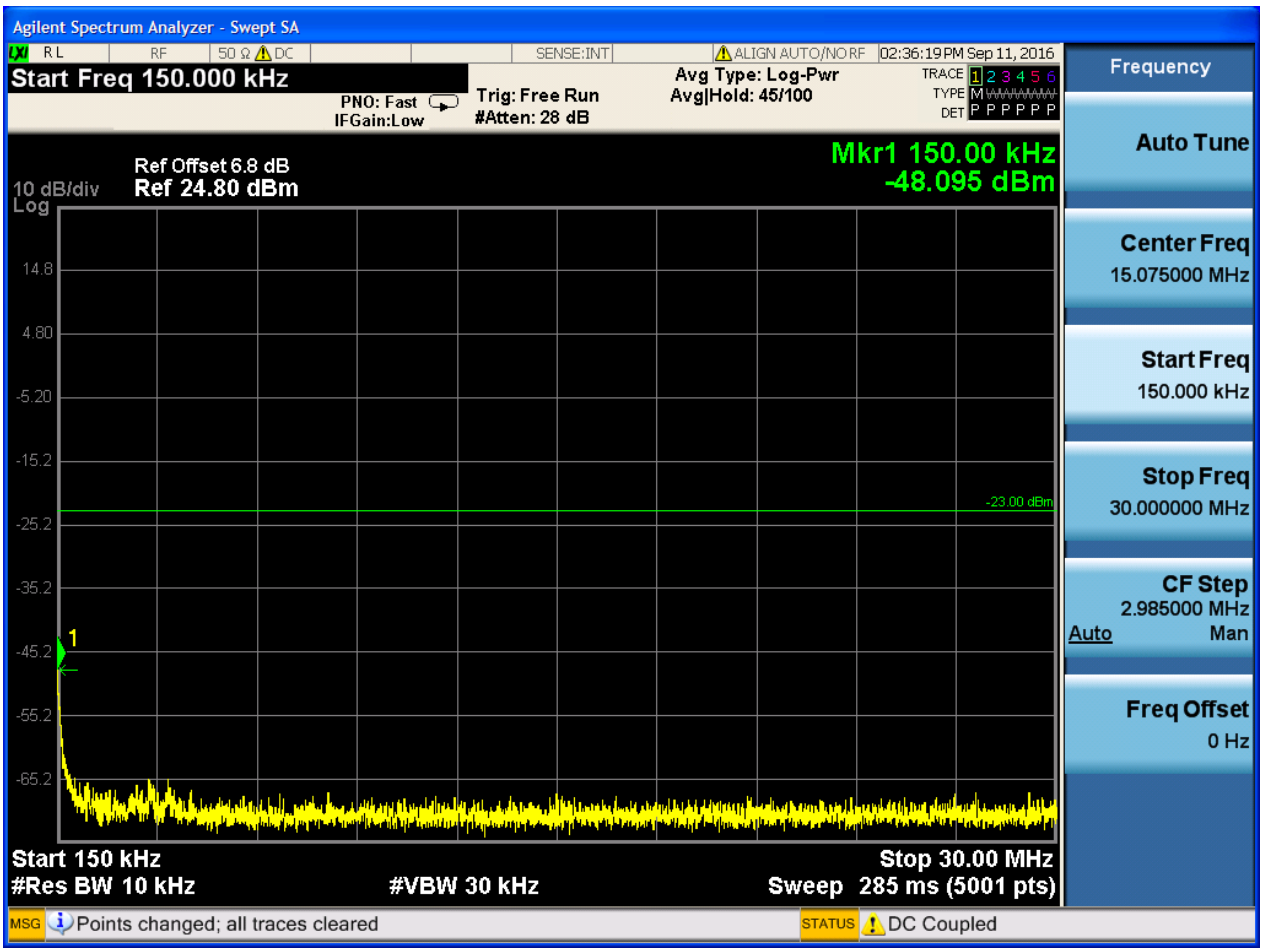

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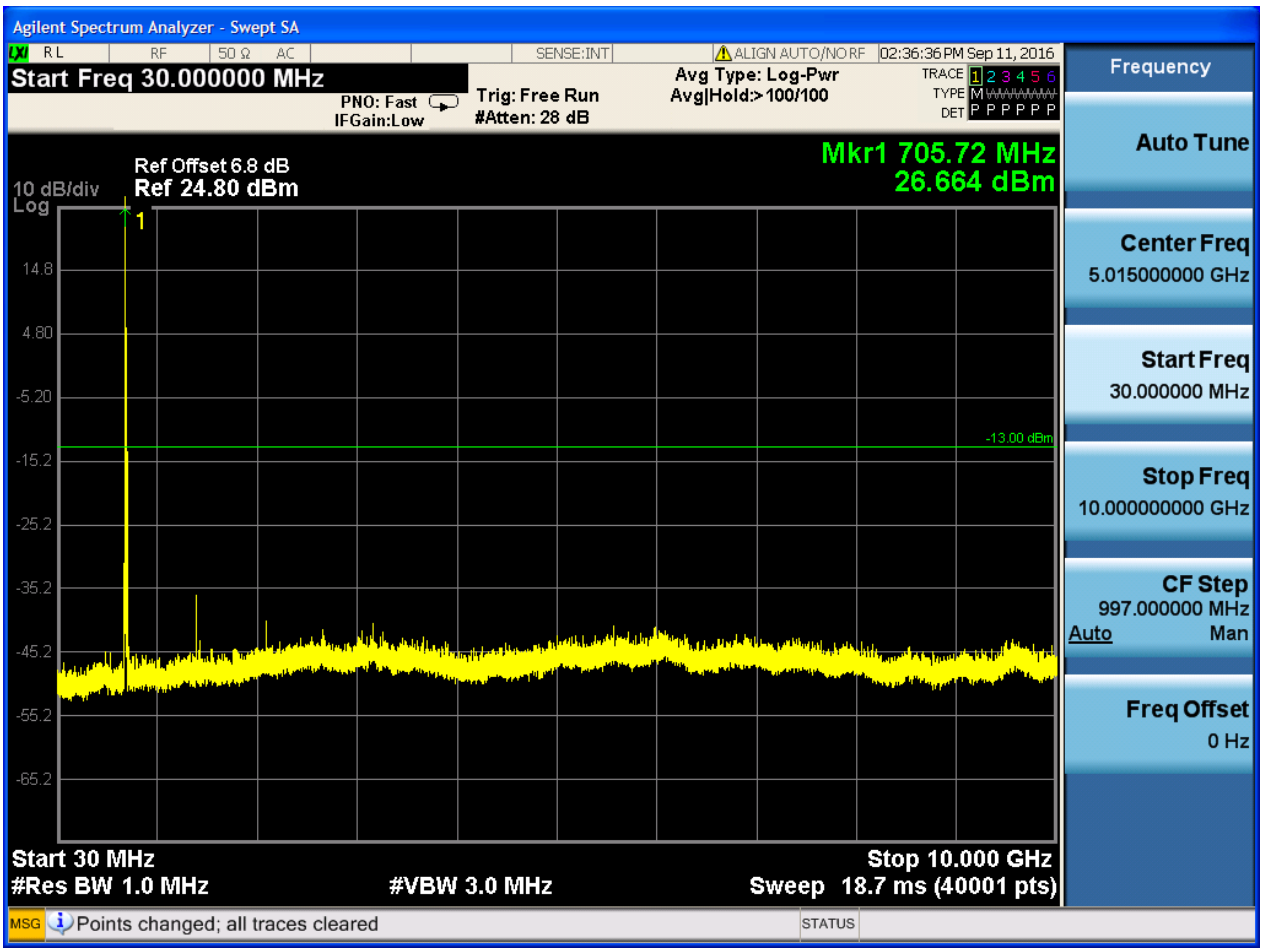

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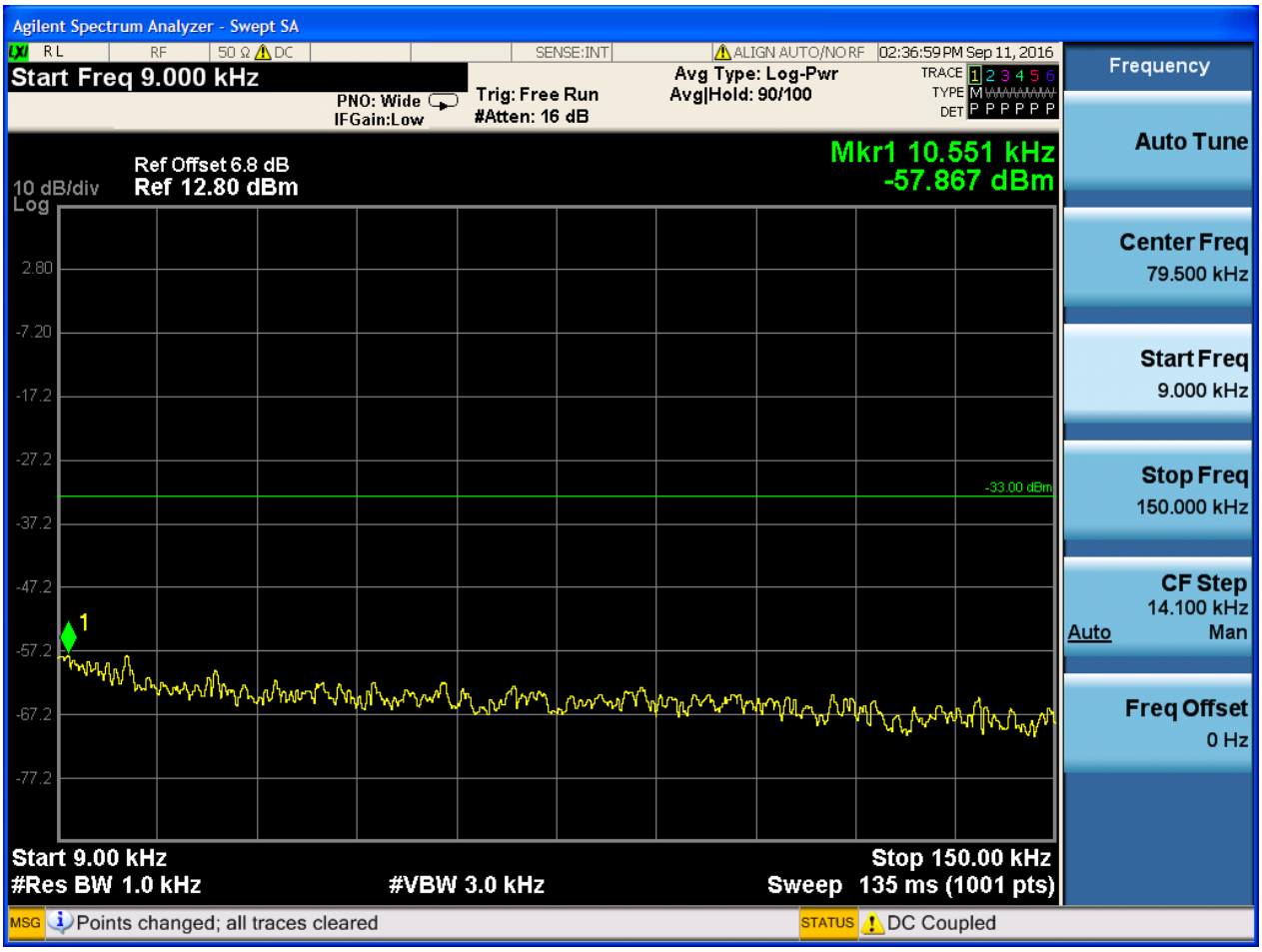
6.1.6.2.2.3 Test Channel = HCH

6.1.6.2.2.3.1 Test RB = RB1#0



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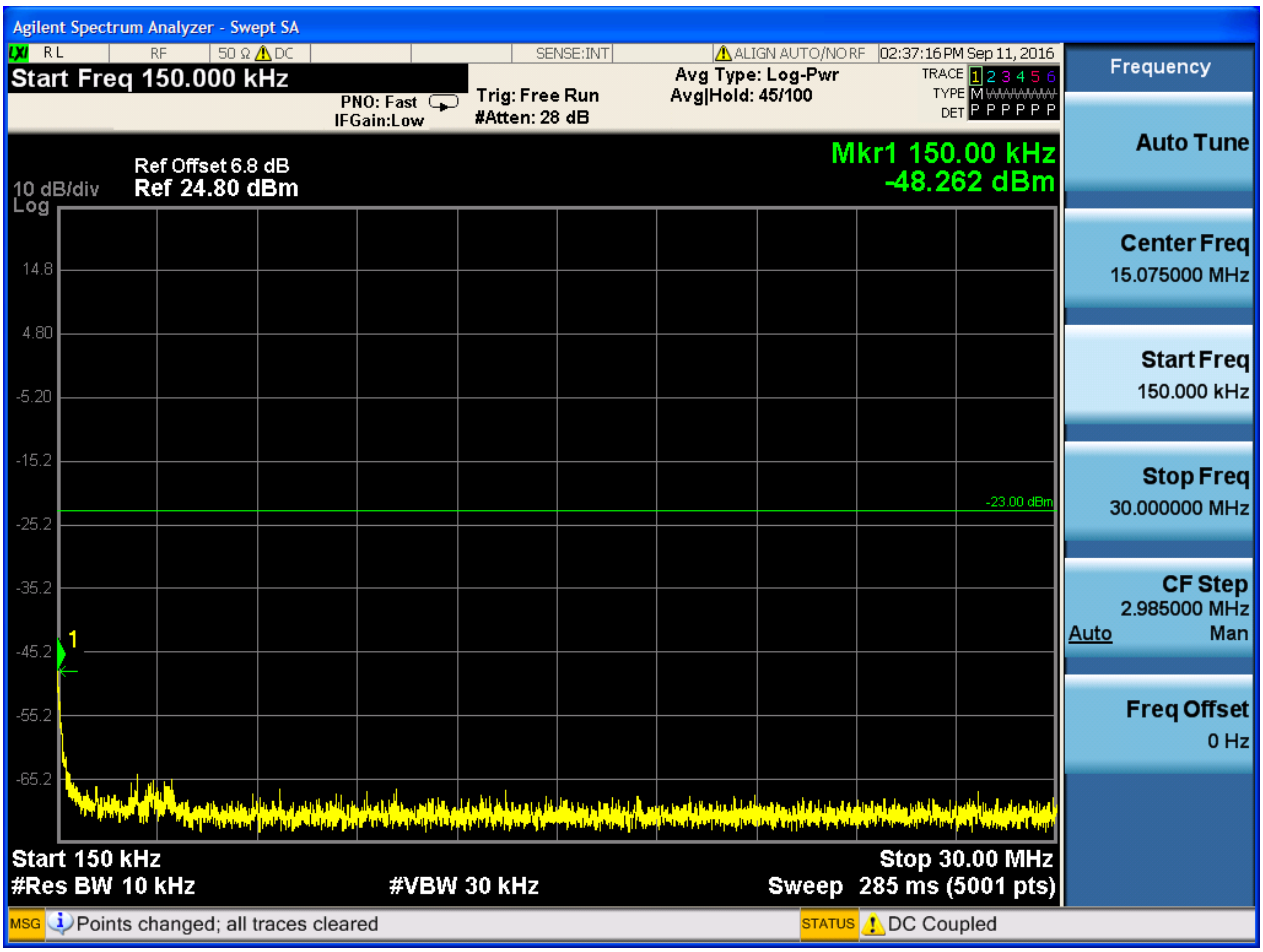

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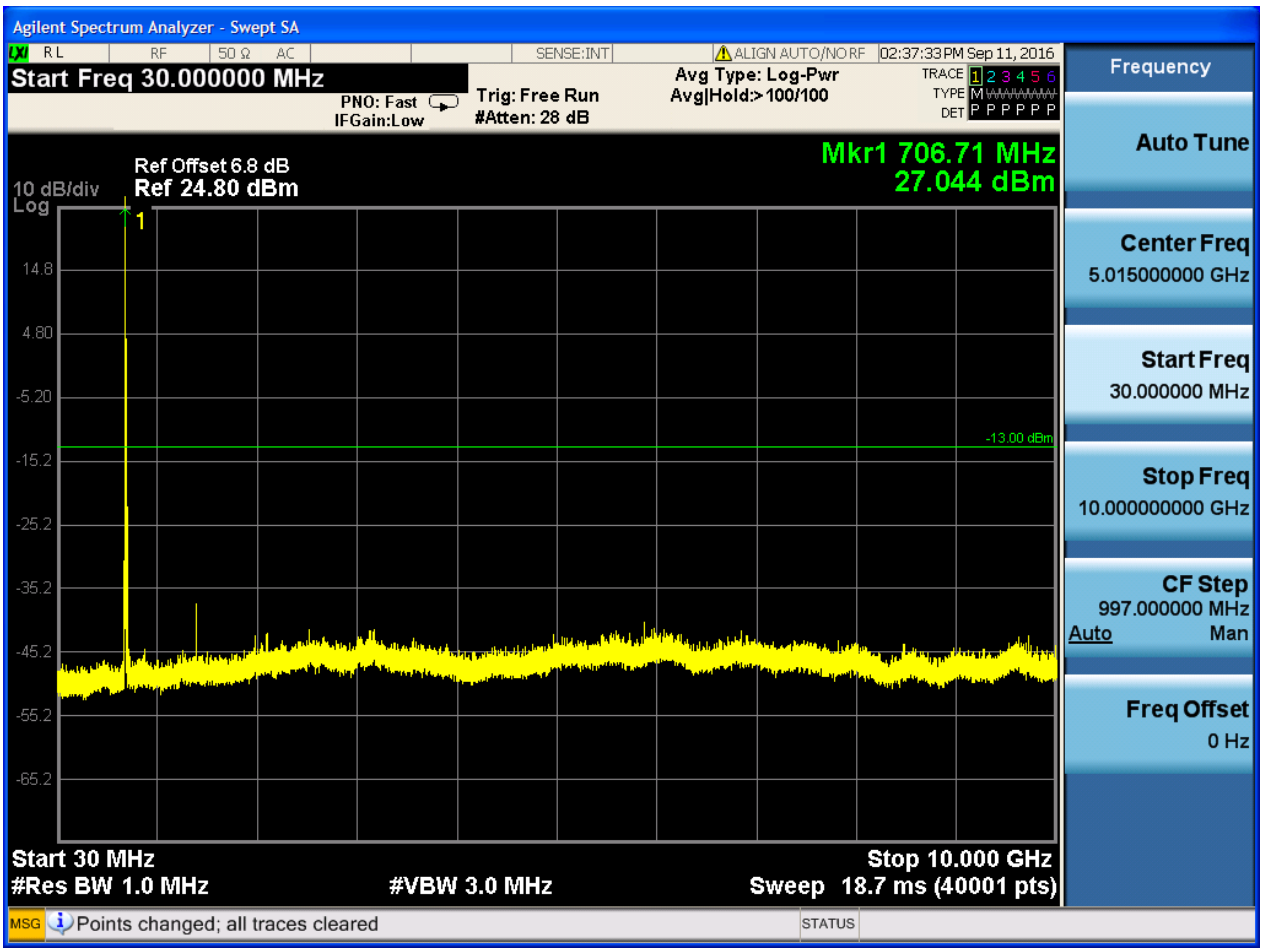

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7Appendix_G: Field Strength of Spurious Radiation

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

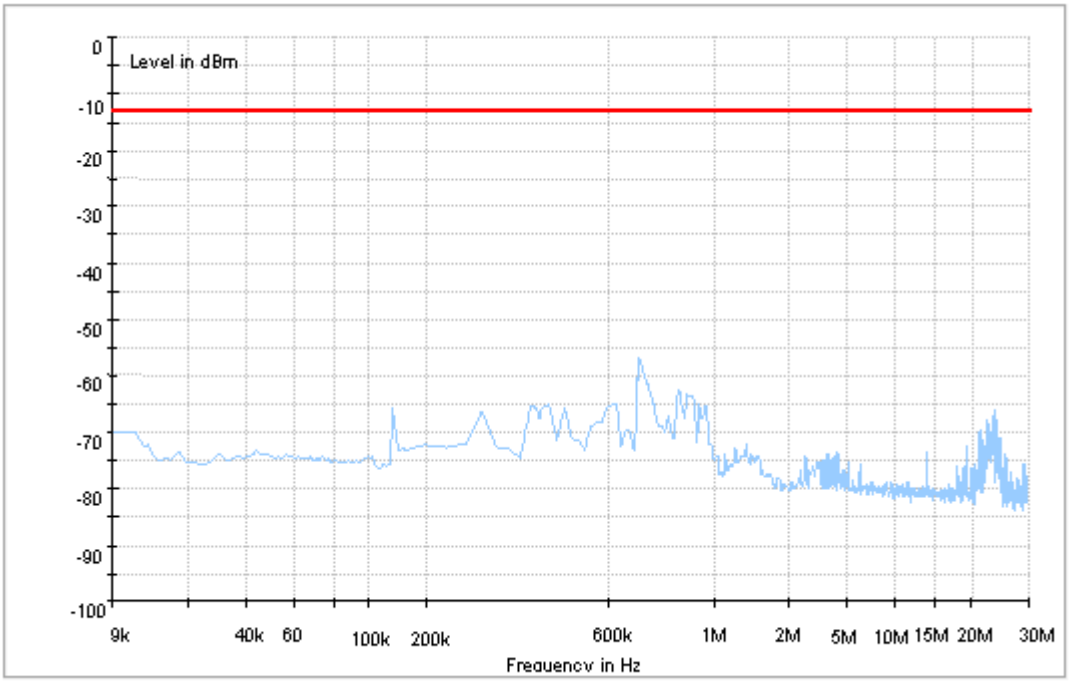
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = BAND2

7.1.1.1 Test Bandwidth = 1.4



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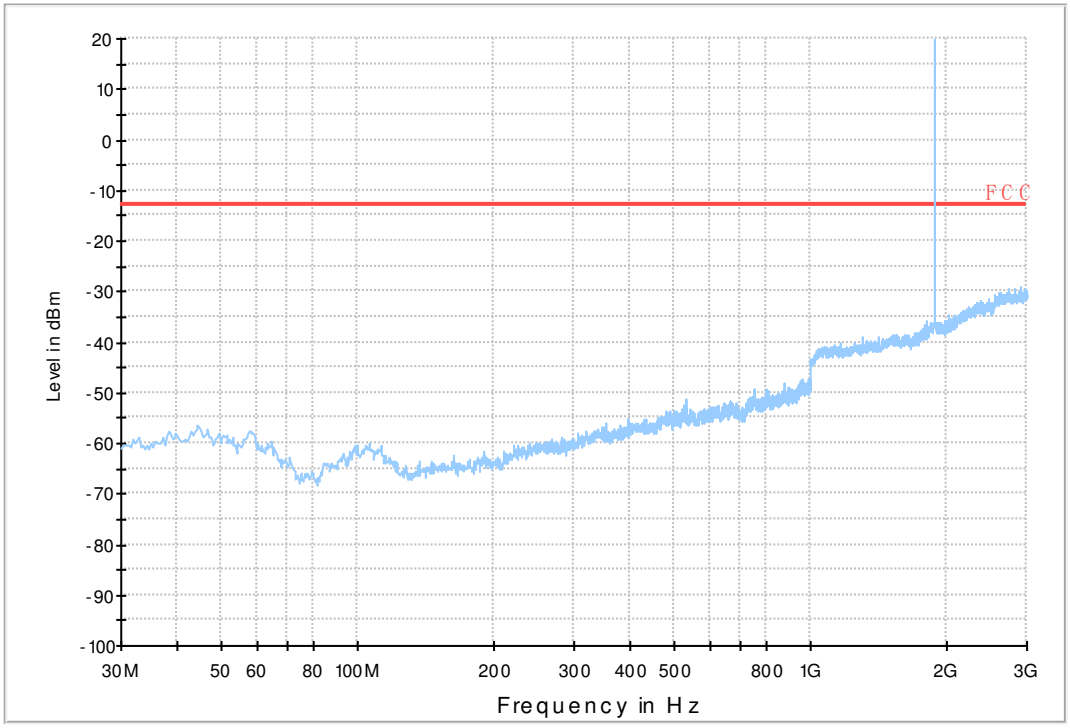
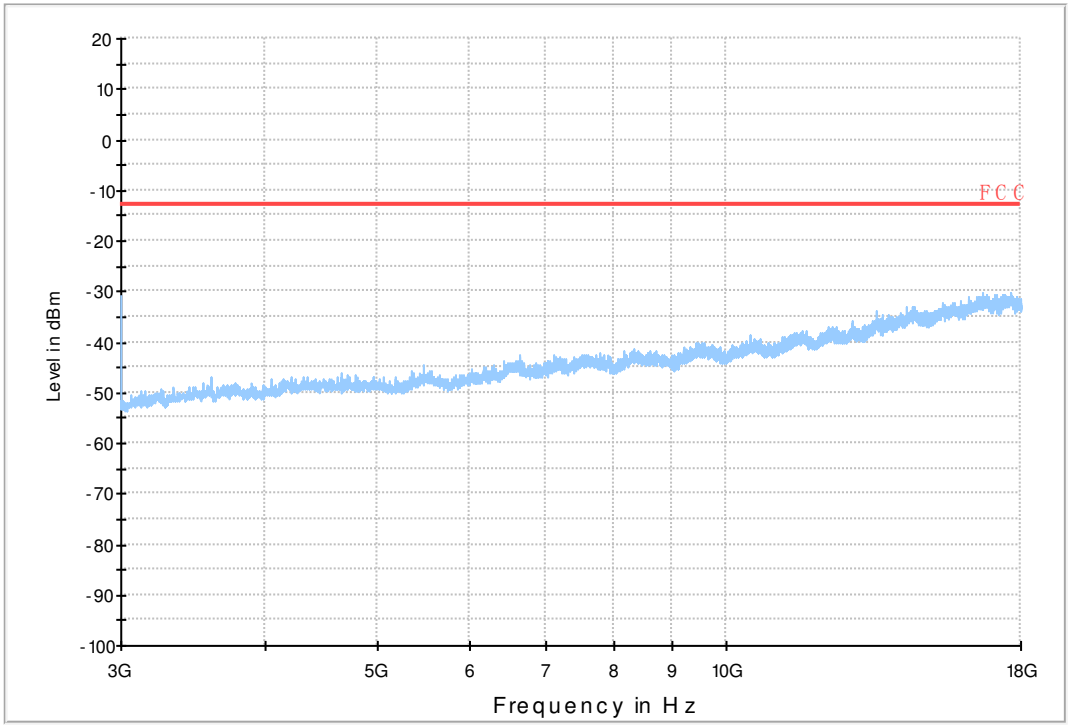
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



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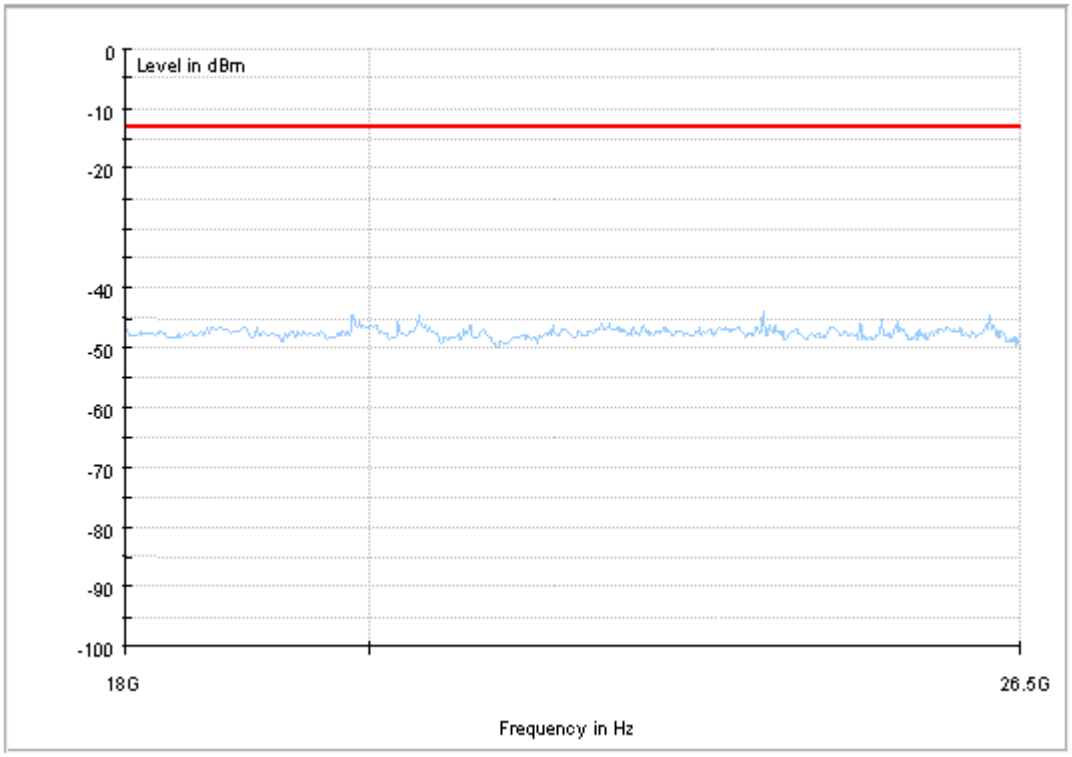

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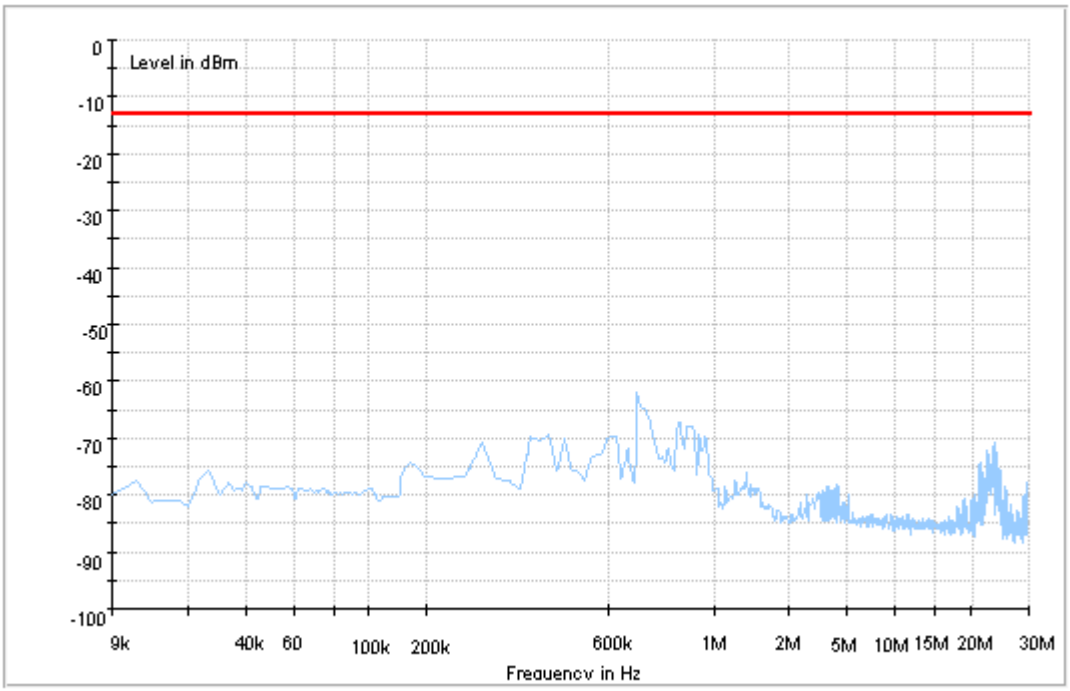
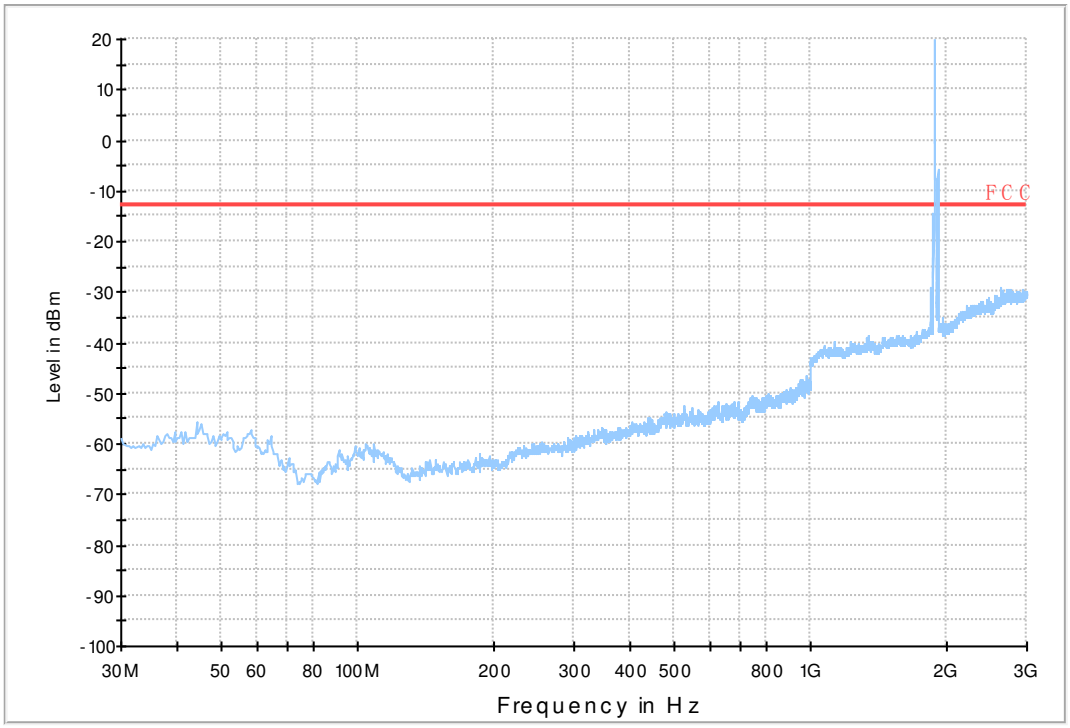
7.1.1.3 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



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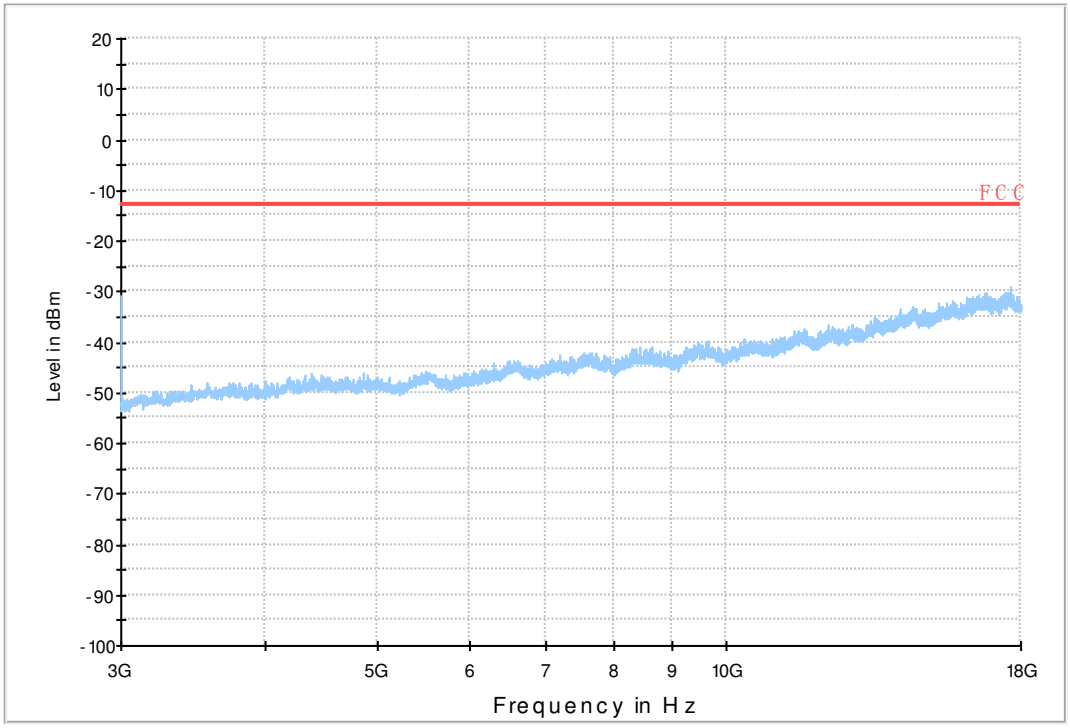
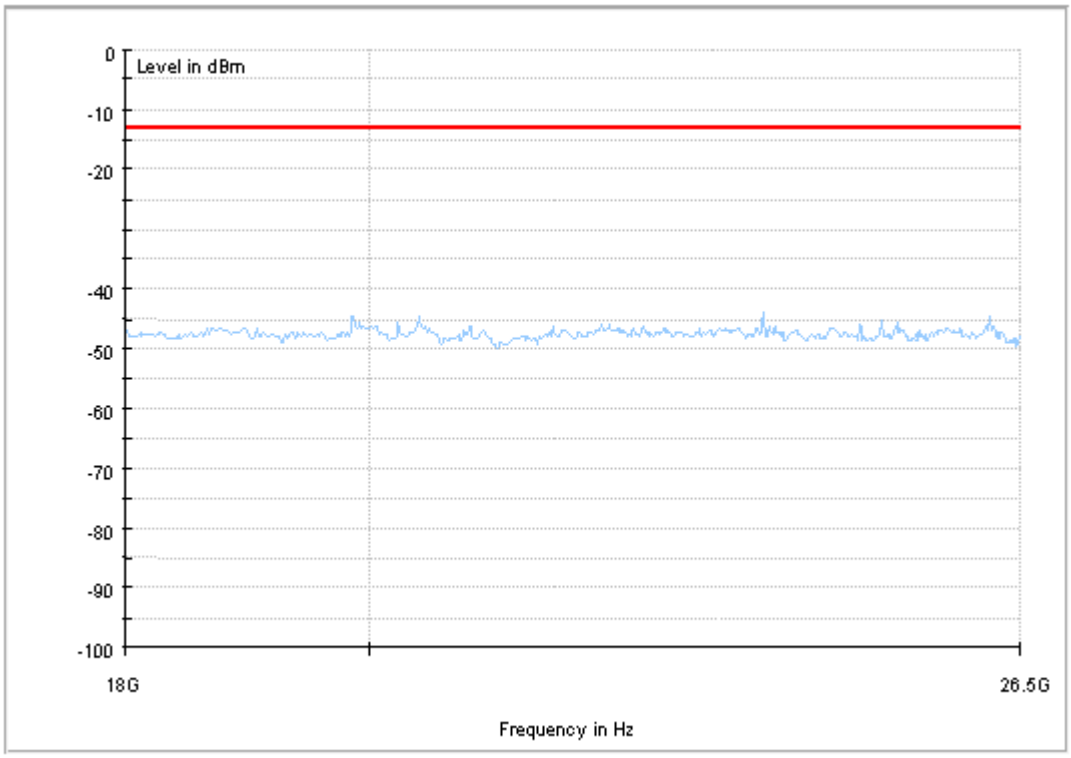
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H





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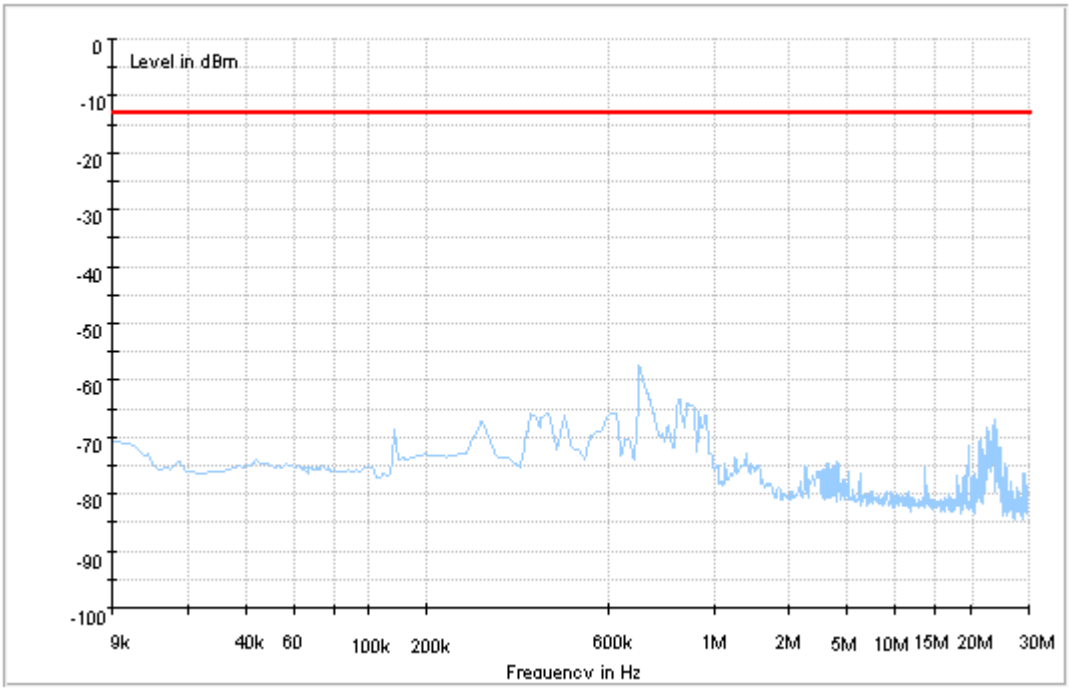
7.1.2 Test Band = BAND4

7.1.2.1 Test Bandwidth = 1.4



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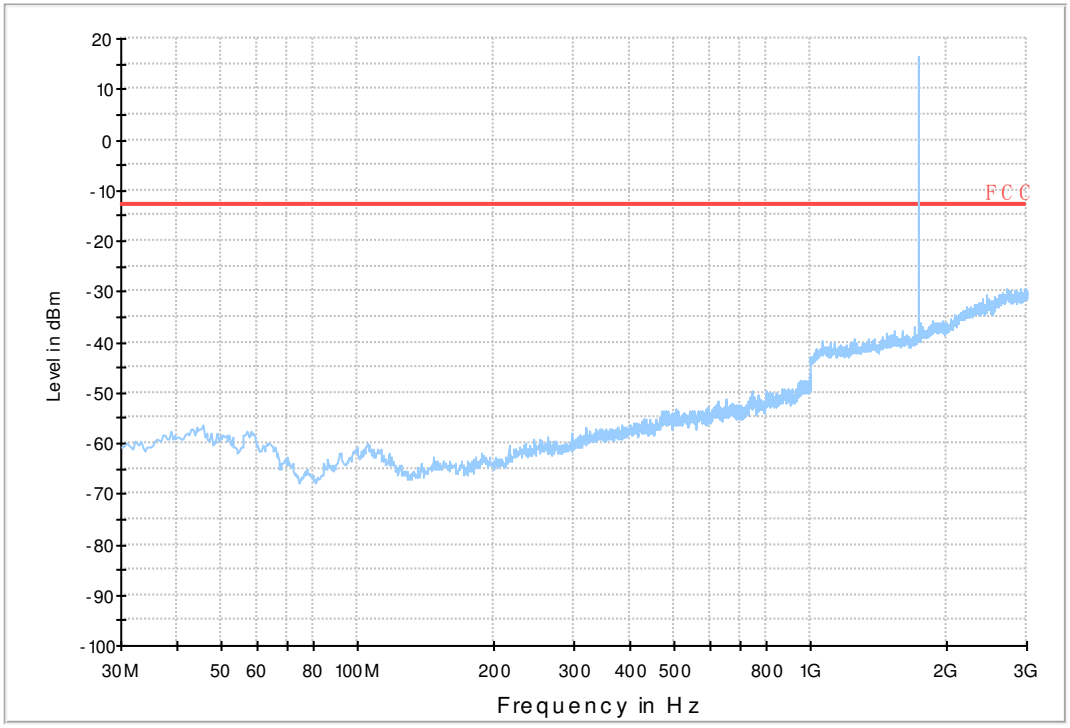

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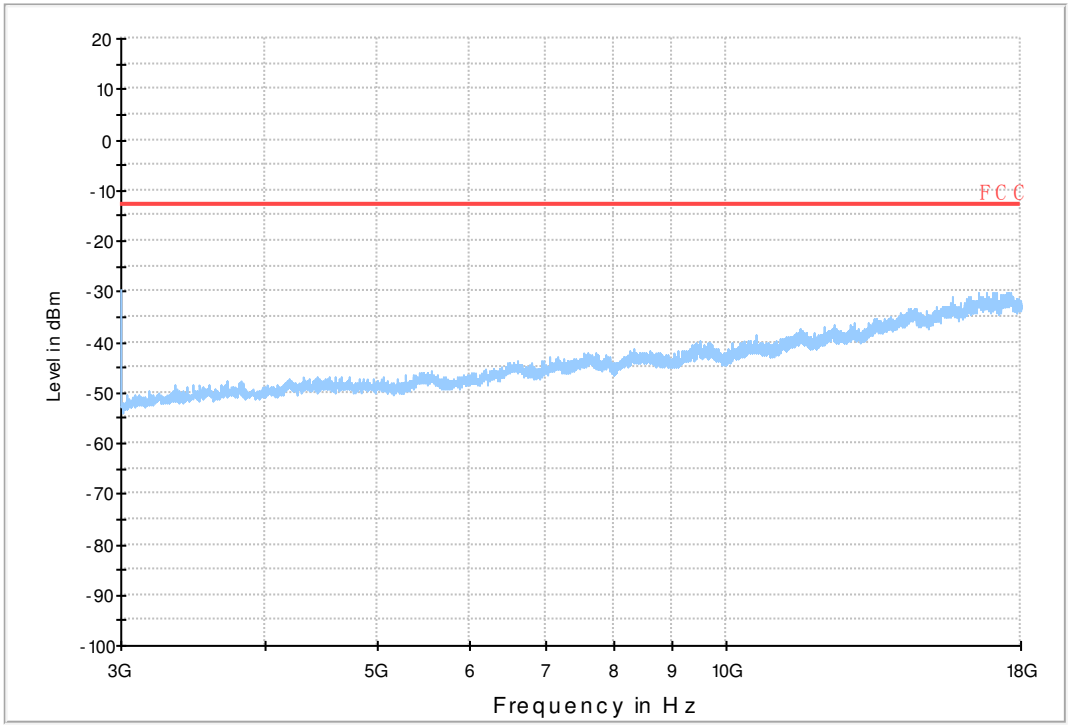

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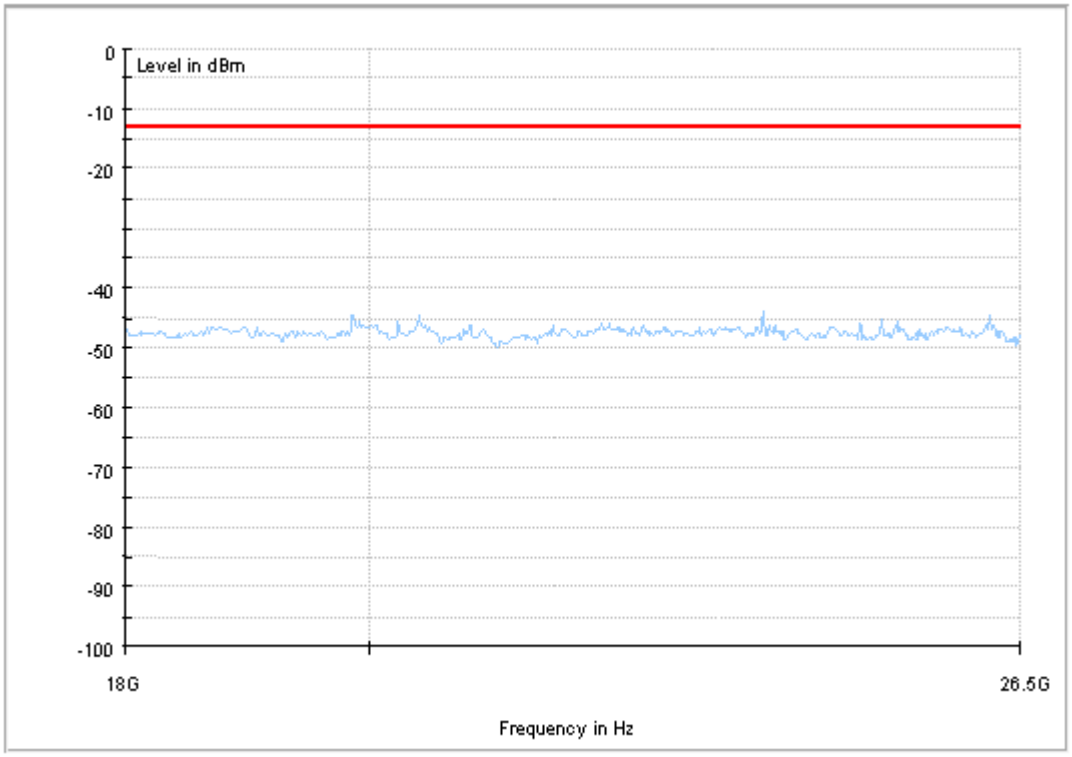

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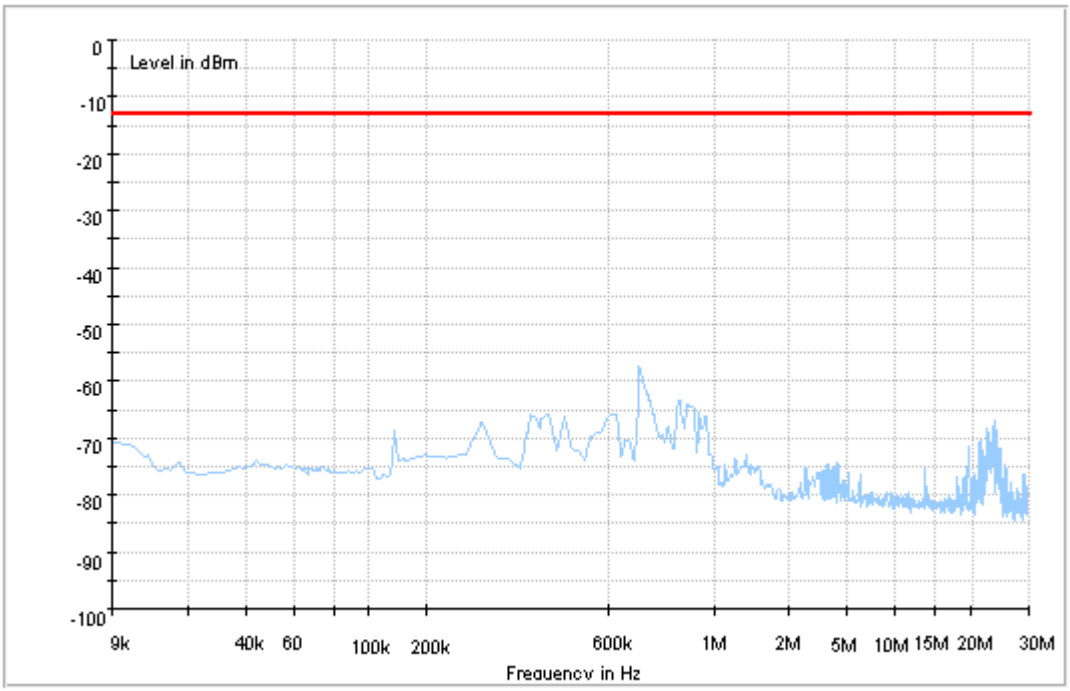
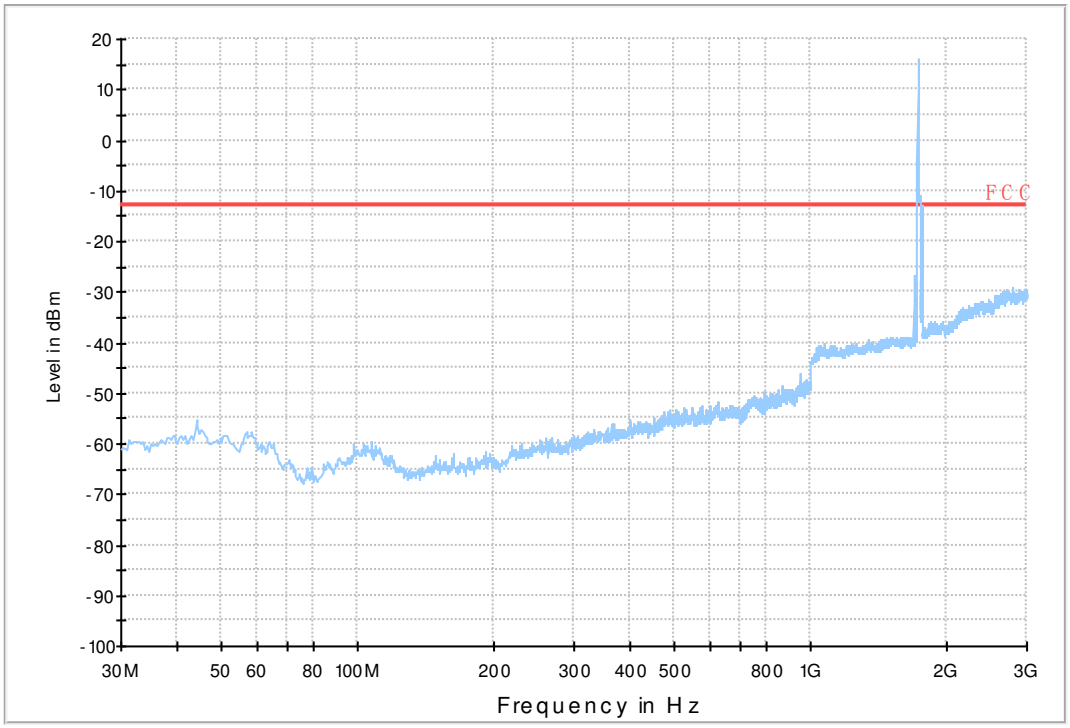
7.1.2.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



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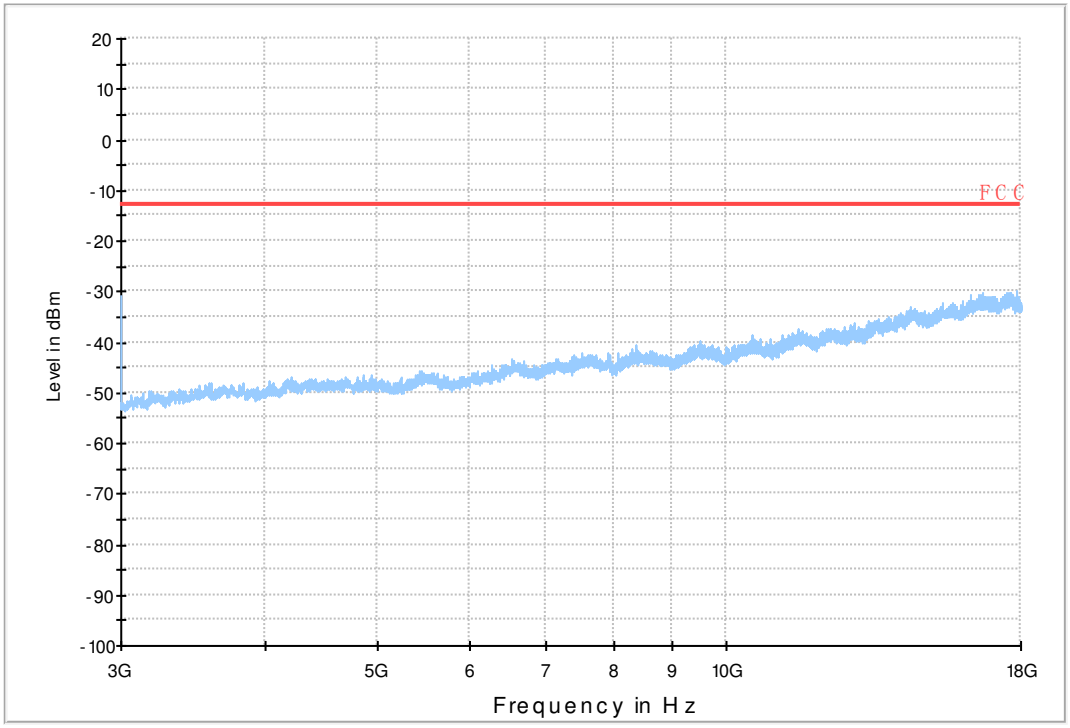
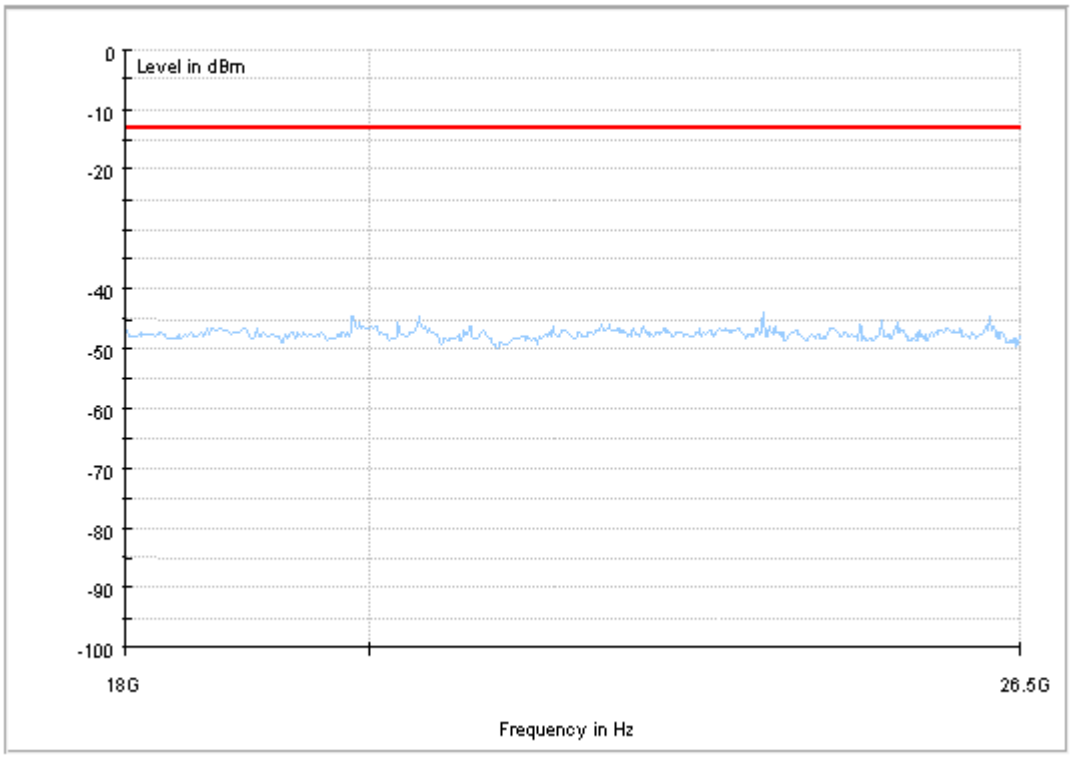
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H





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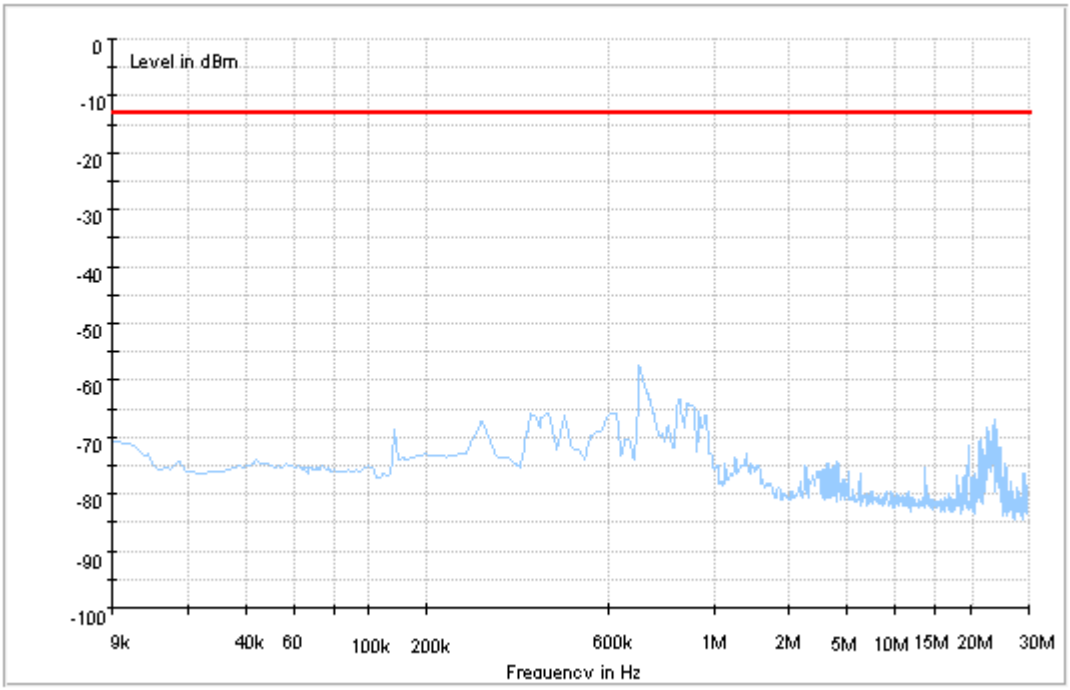
7.1.2 Test Band = BAND5

7.1.2.1 Test Bandwidth = 1.4



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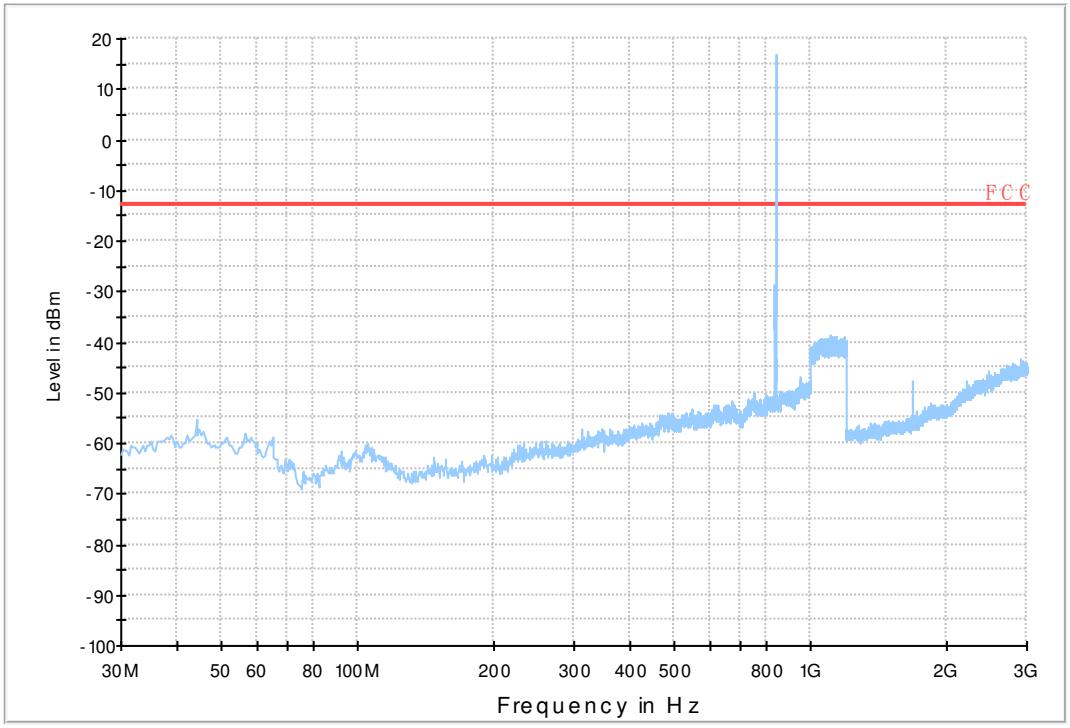
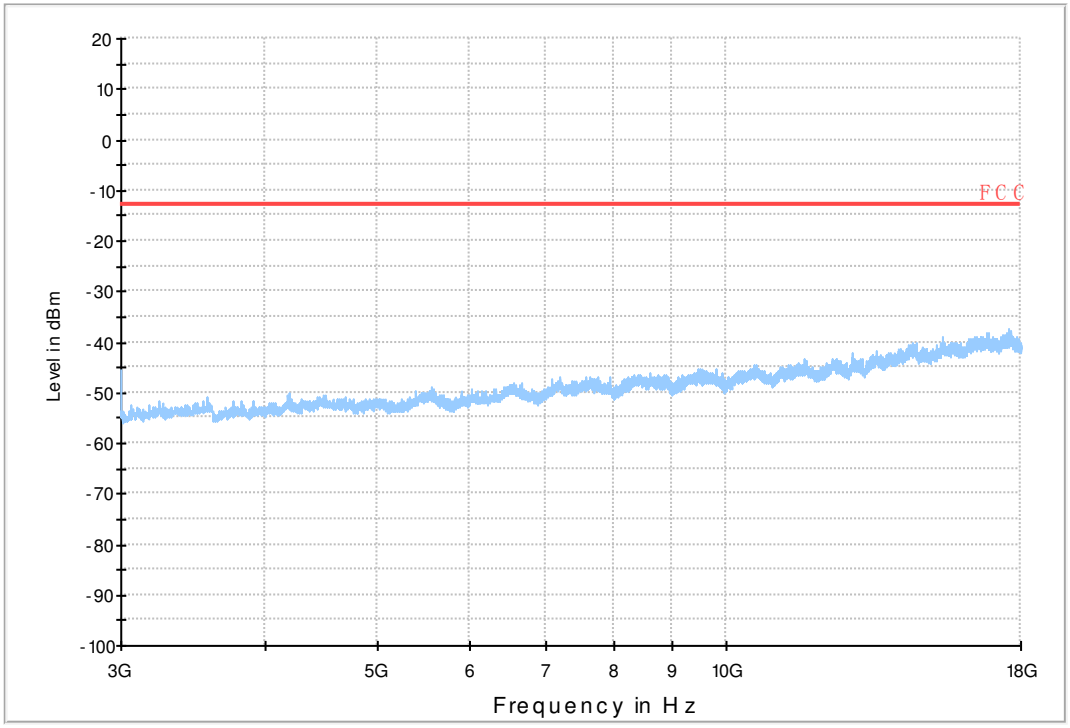
Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



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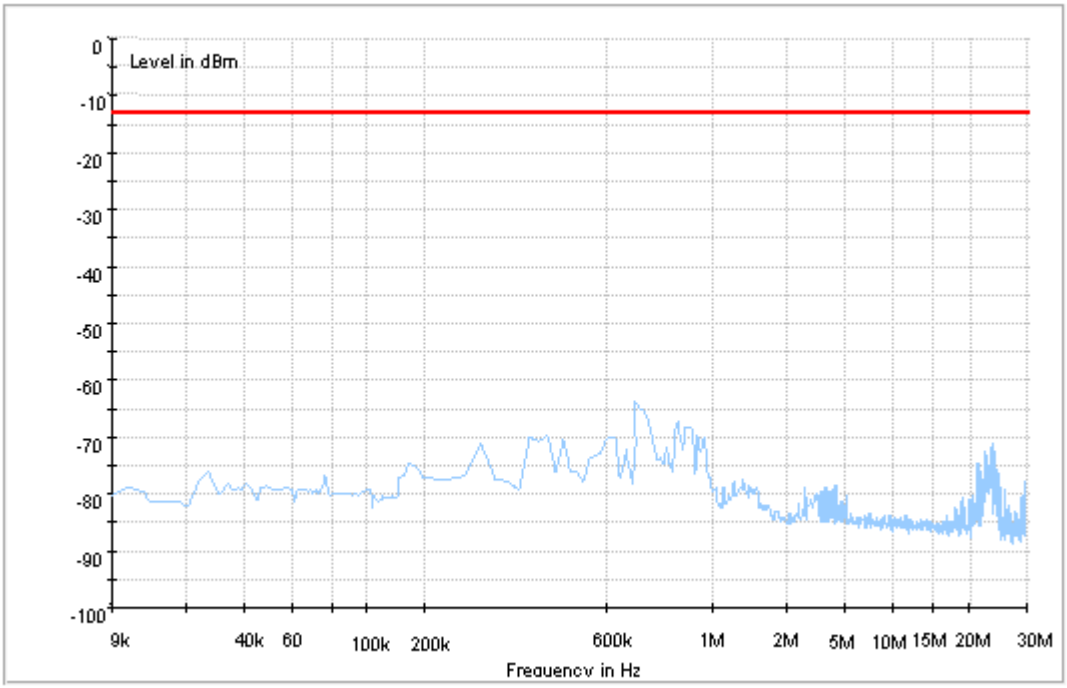
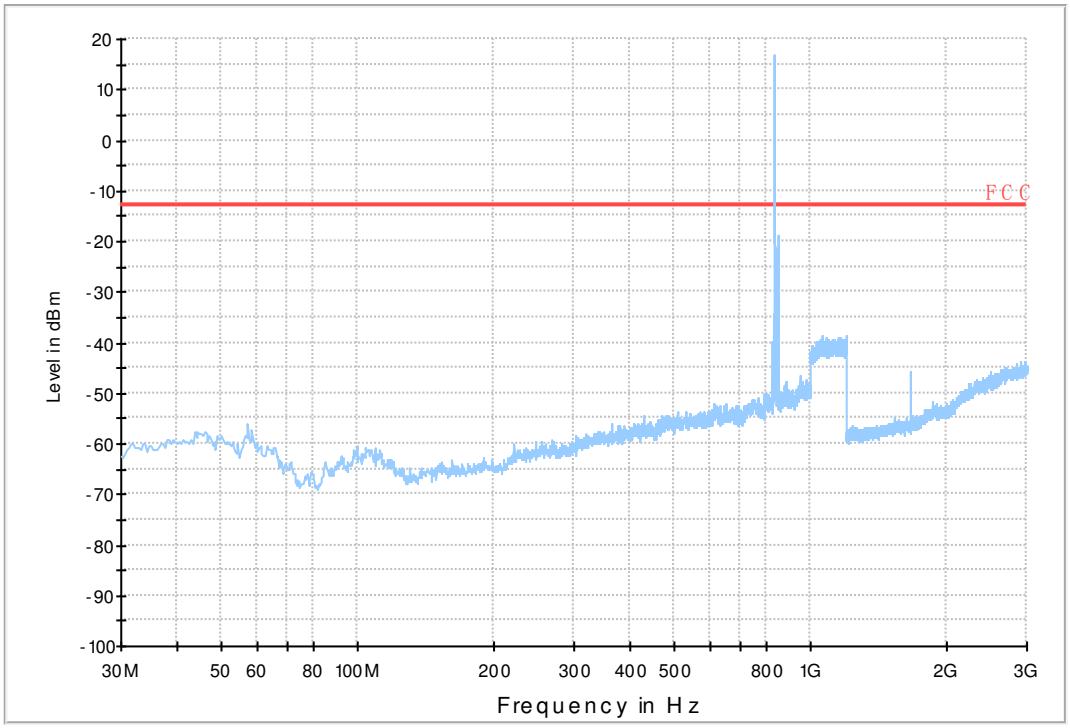
7.1.2.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



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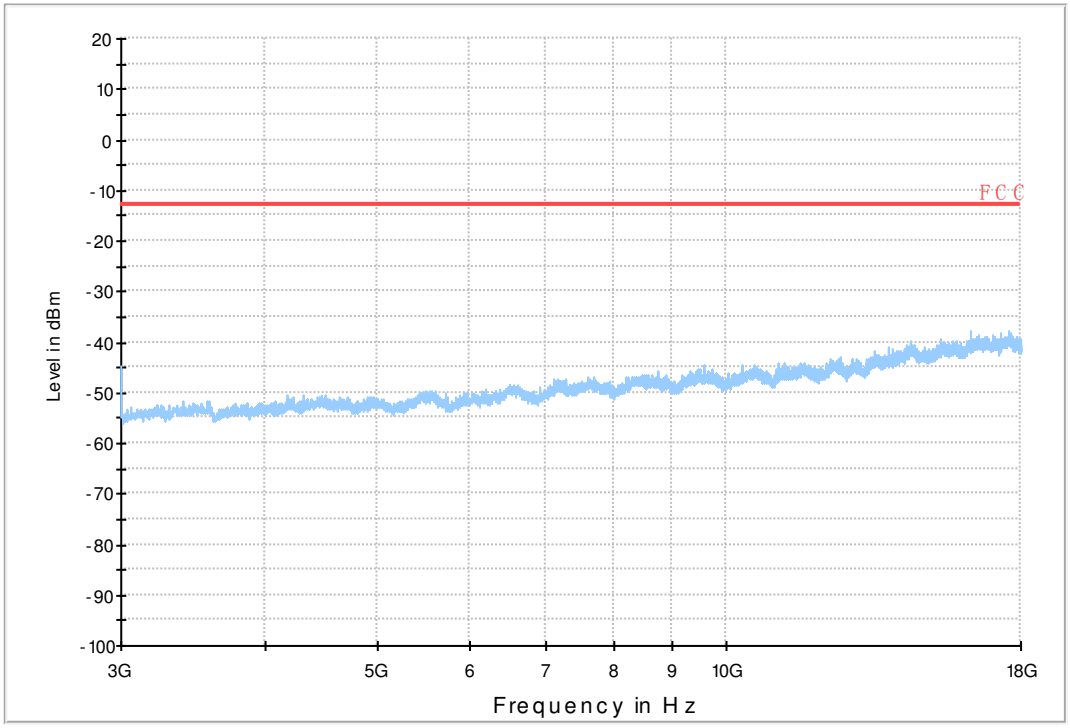

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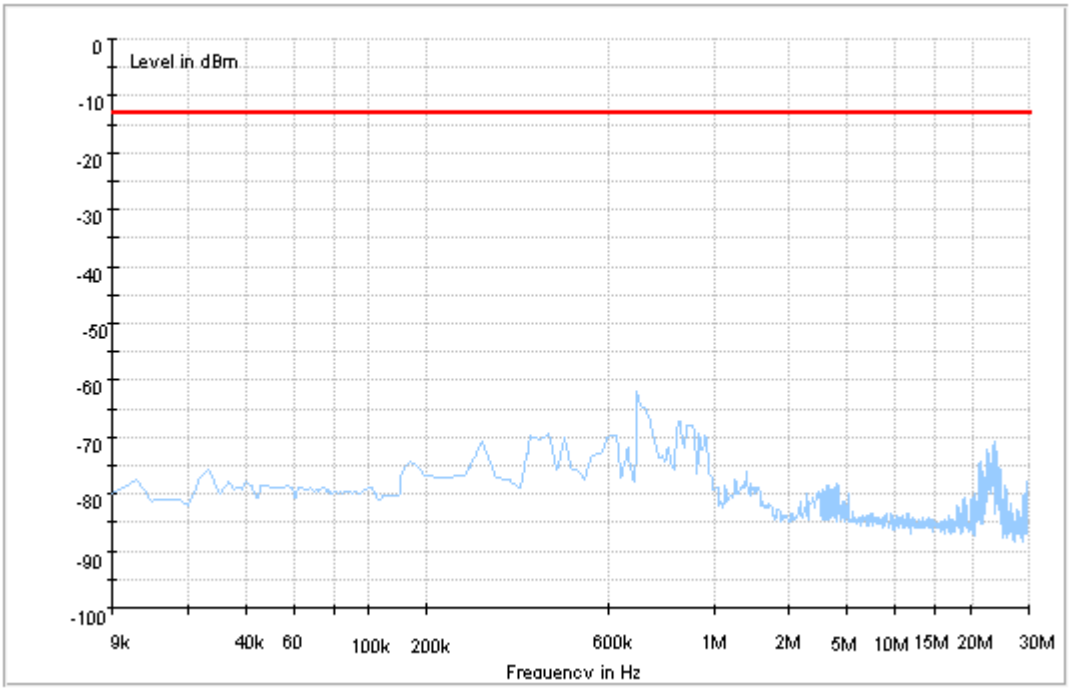
7.1.3 Test Band = BAND7

7.1.3.1 Test Bandwidth = 5



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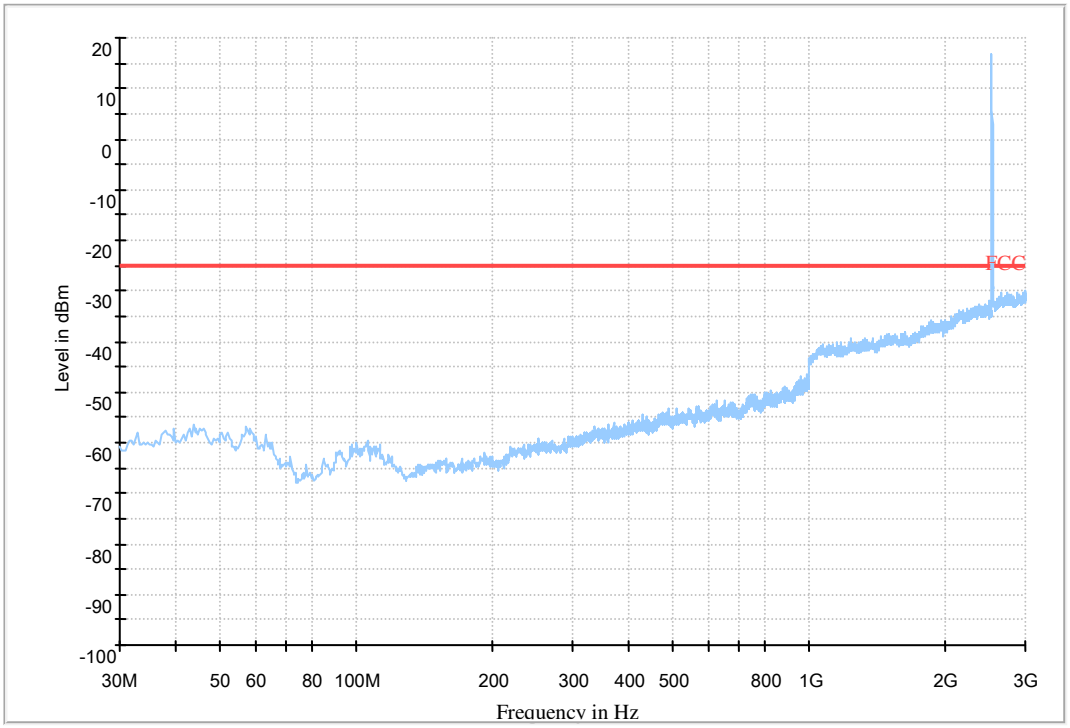

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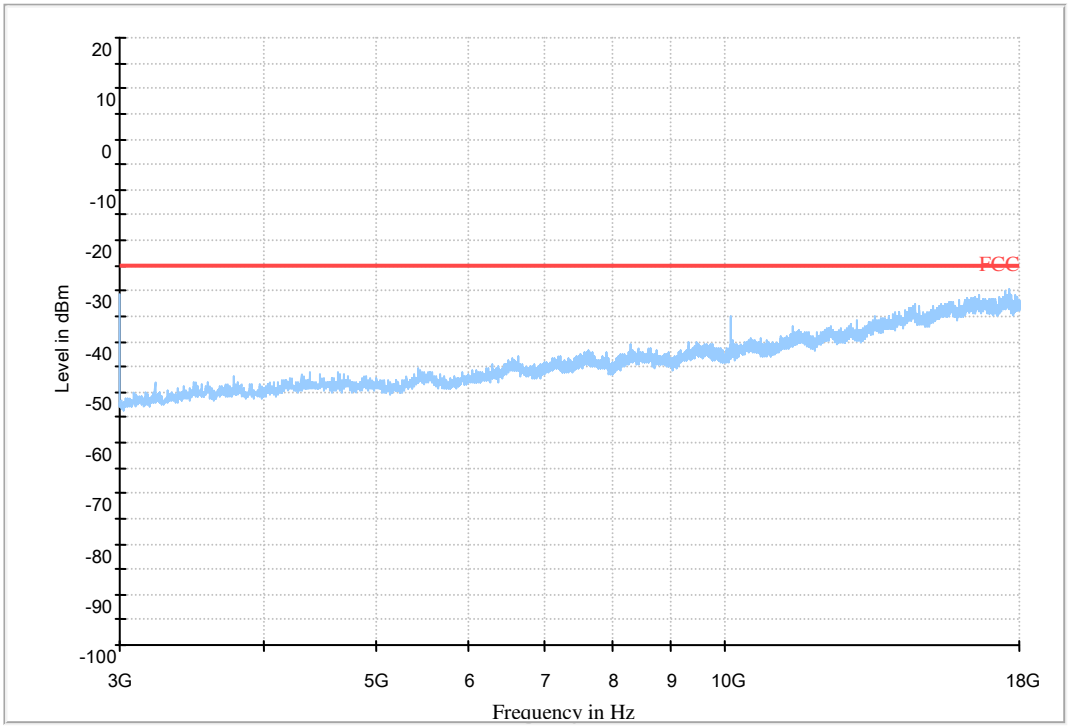

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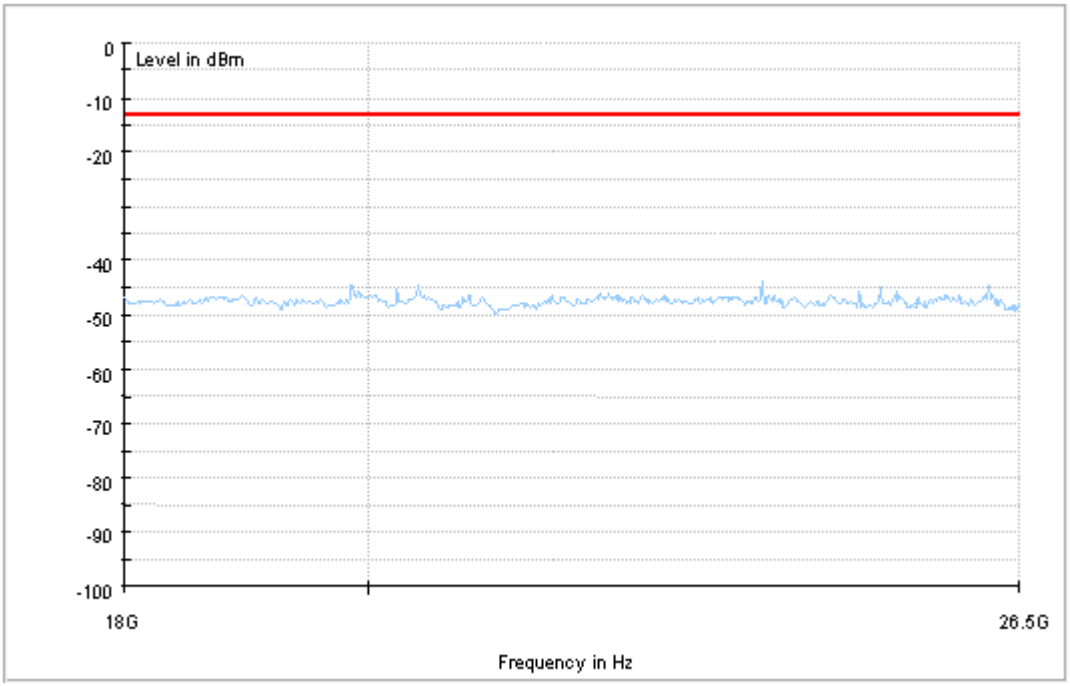

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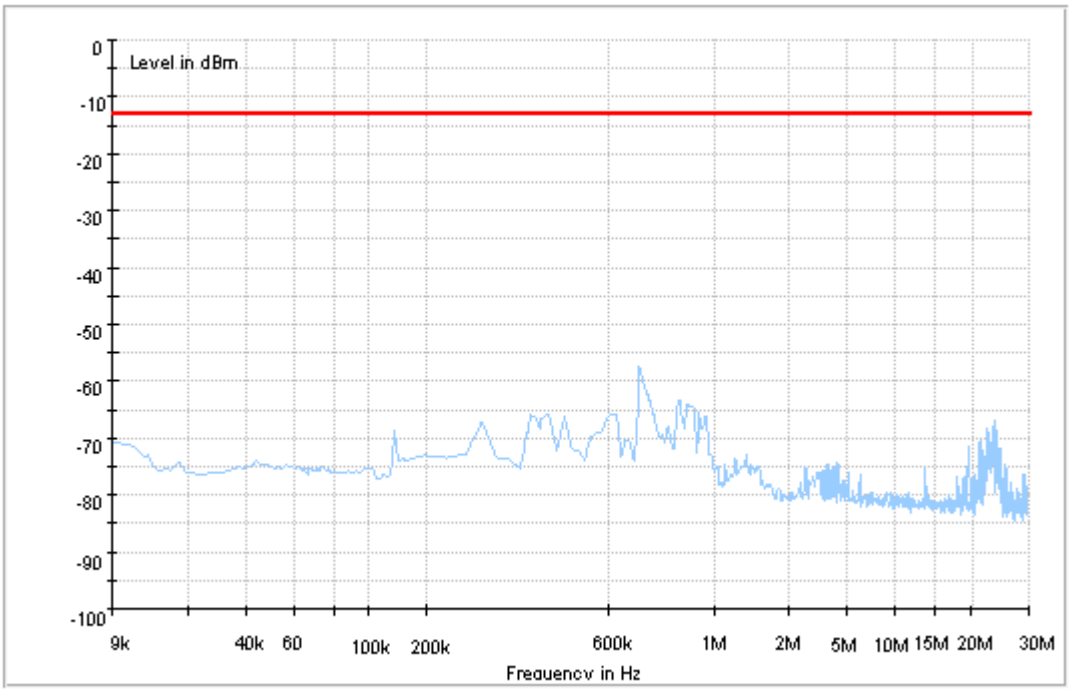
7.1.3.2 Test Bandwidth = 20



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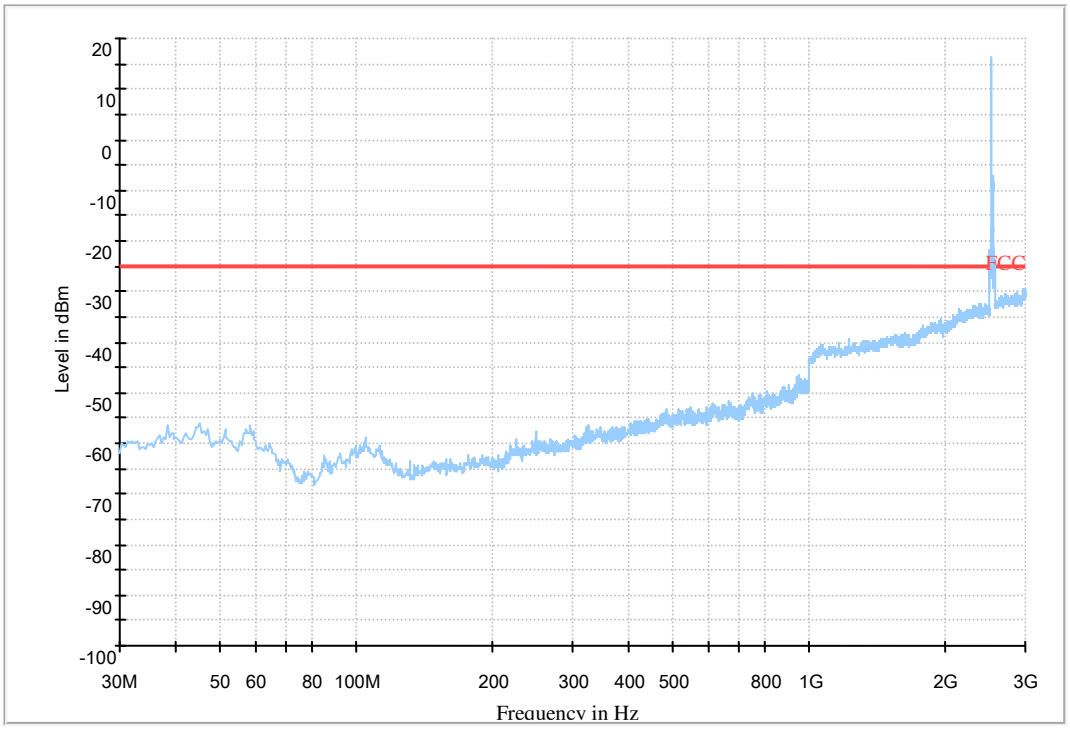

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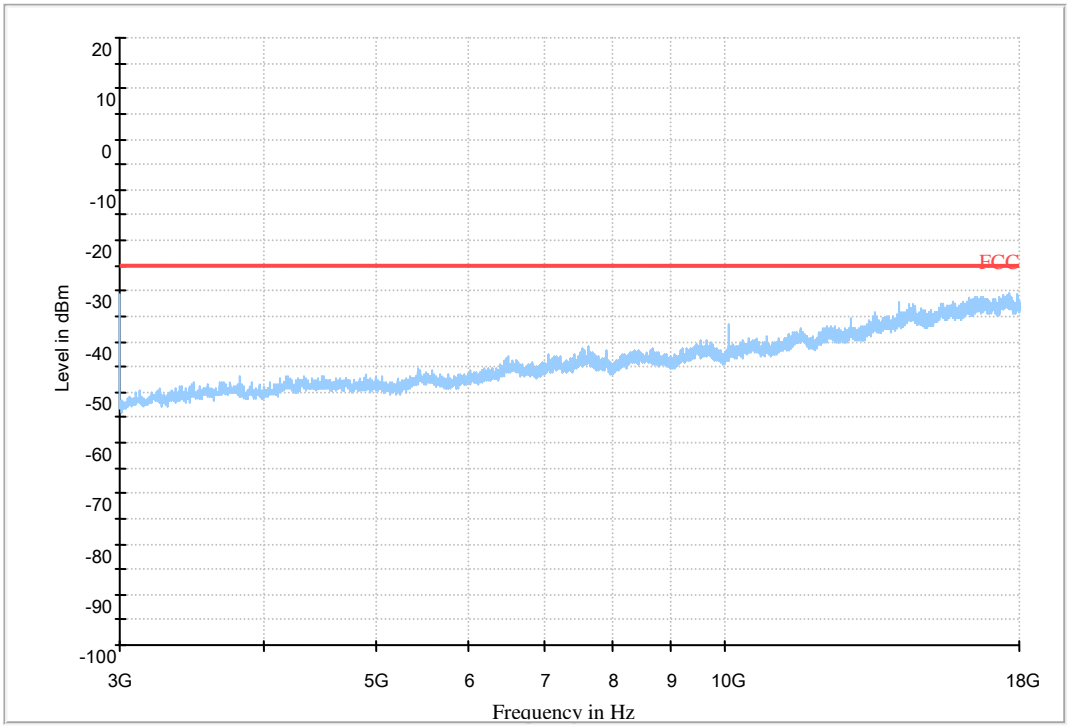

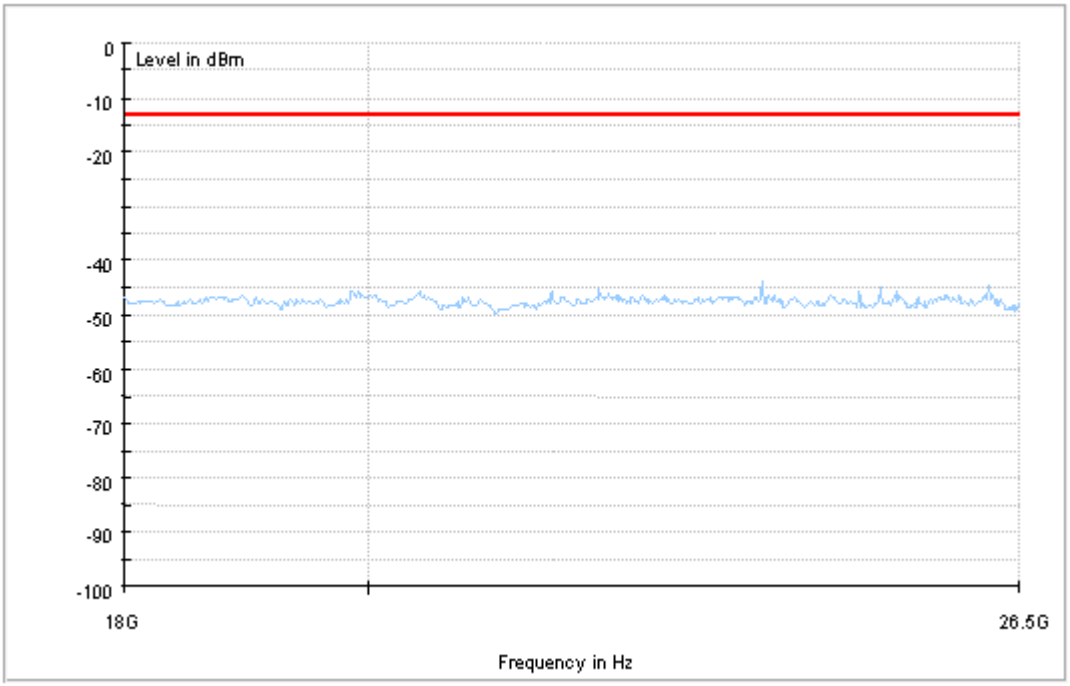

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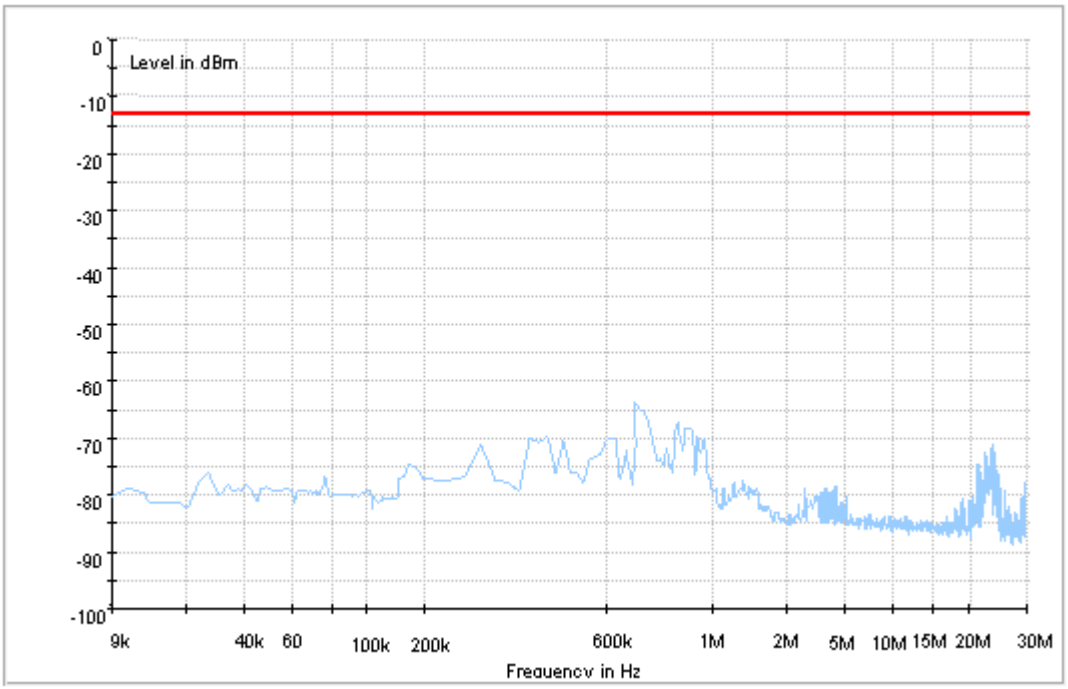
7.1.4 Test Band = BAND12

7.1.4.1 Test Bandwidth = 1.4



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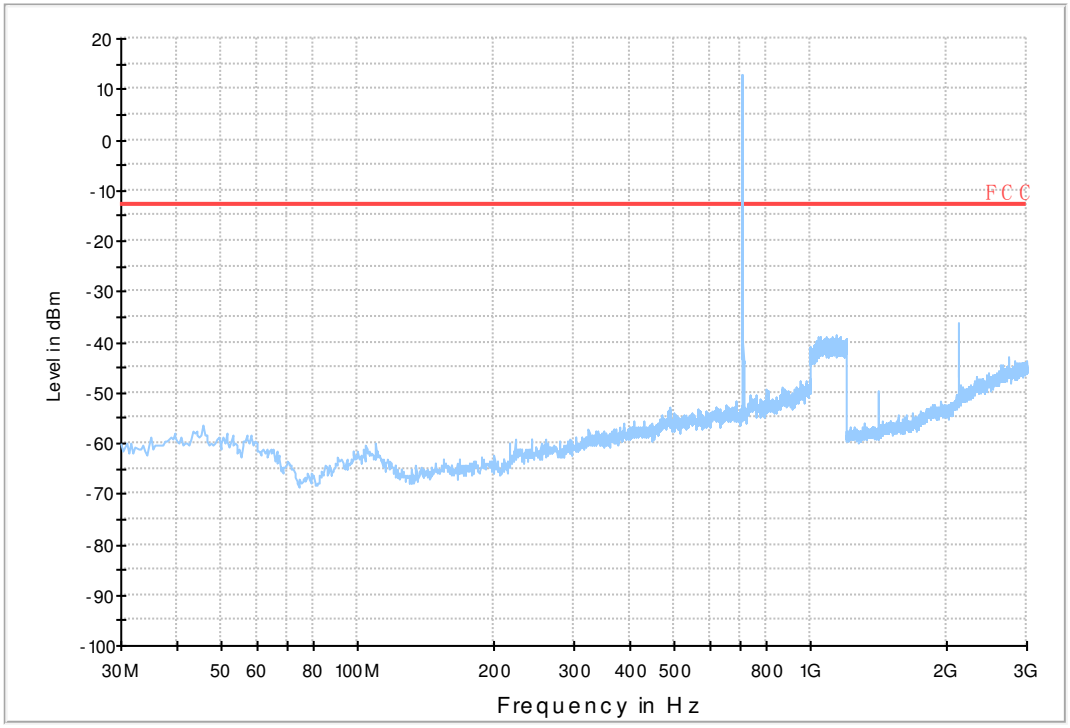

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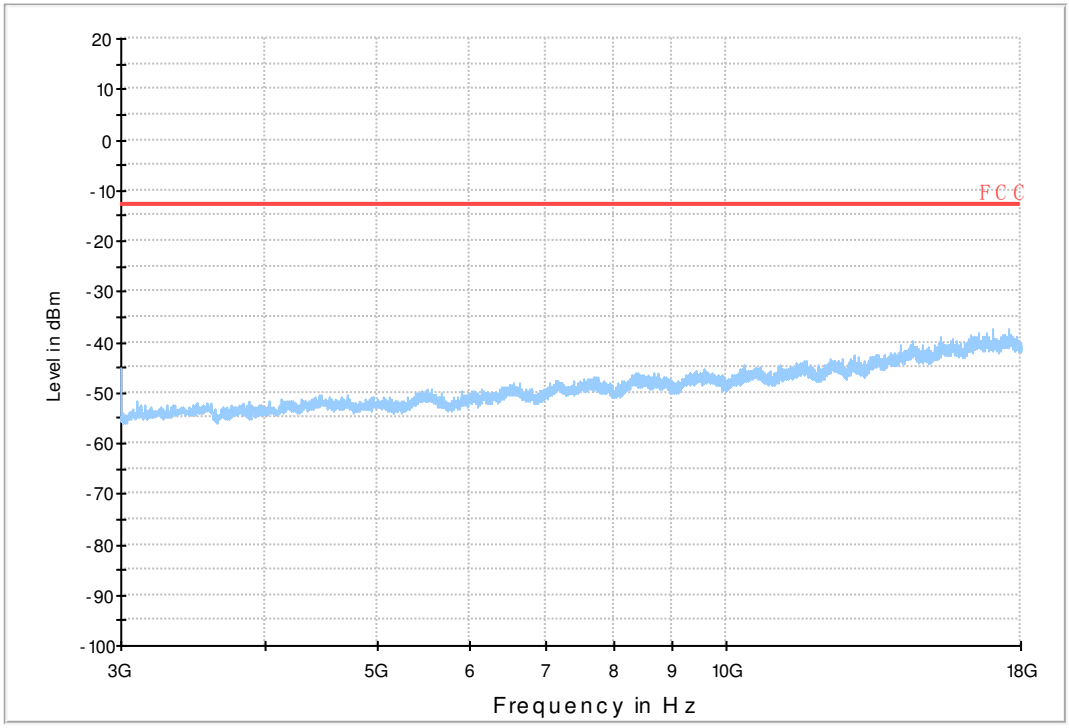

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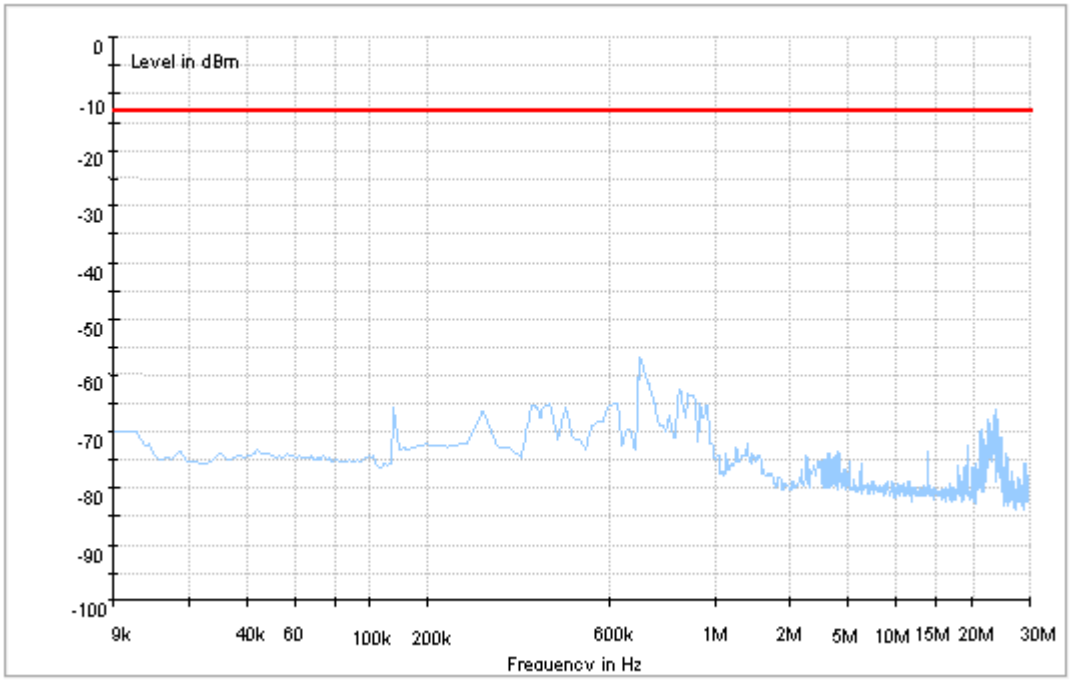
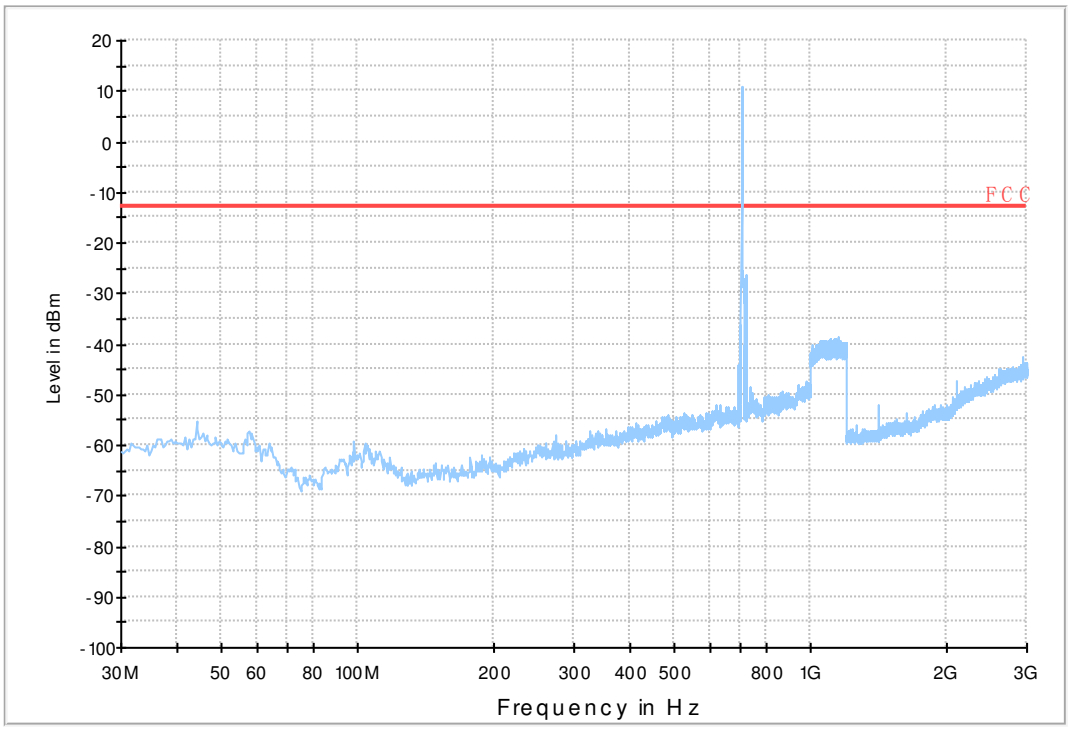
7.1.4.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



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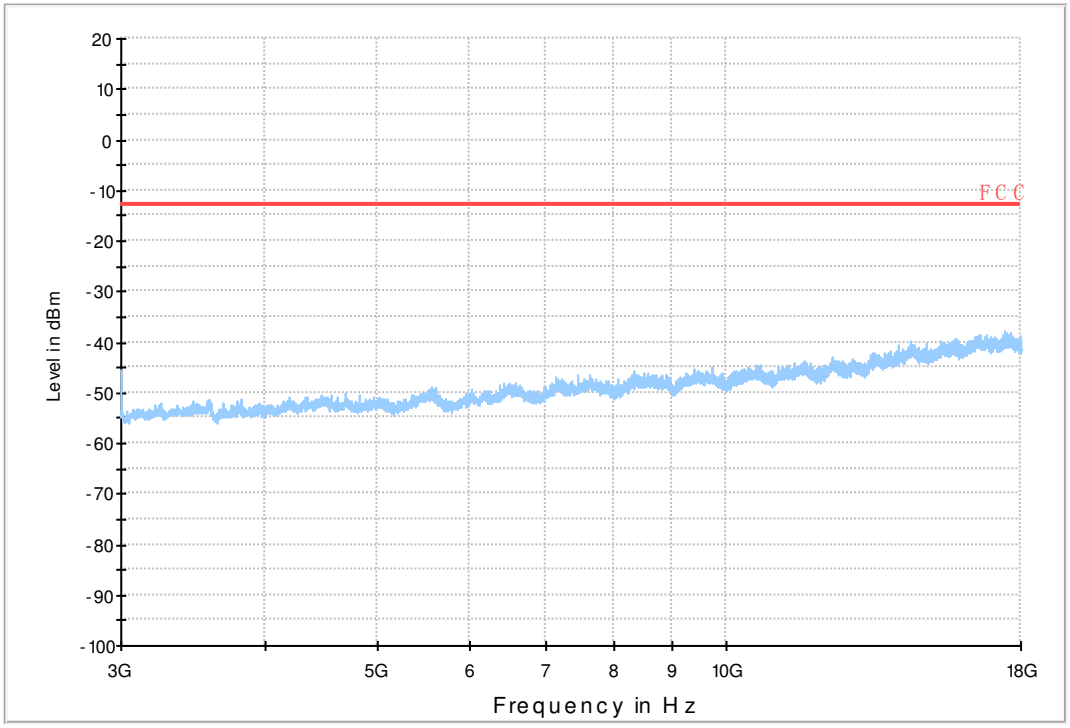

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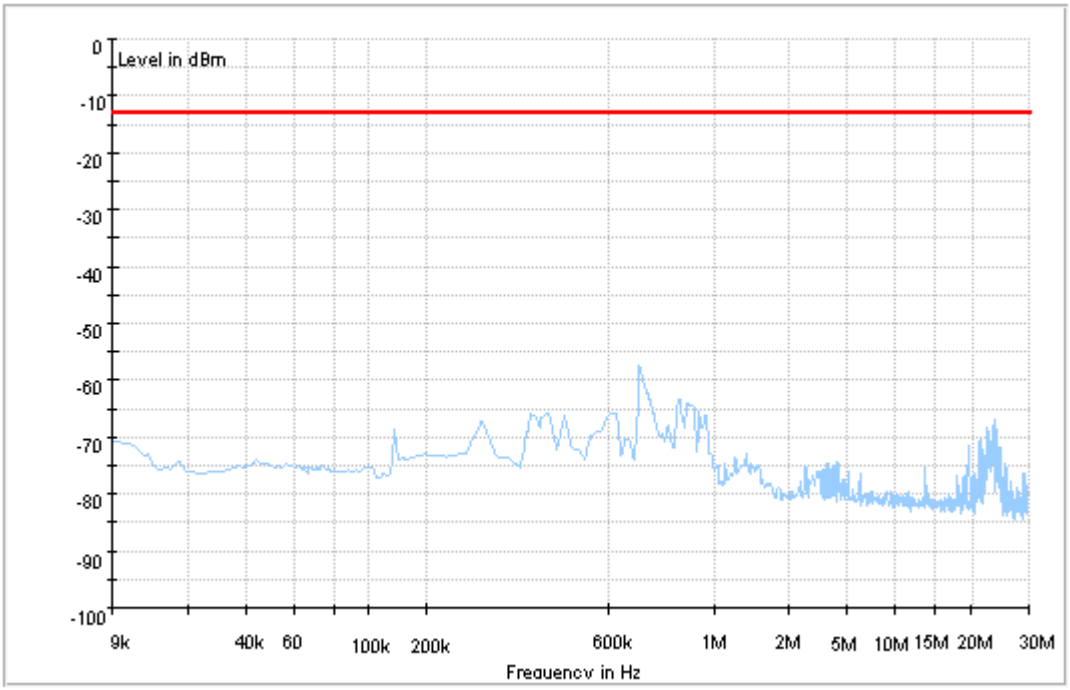
7.1.5 Test Band = BAND17

7.1.5.1 Test Bandwidth = 5



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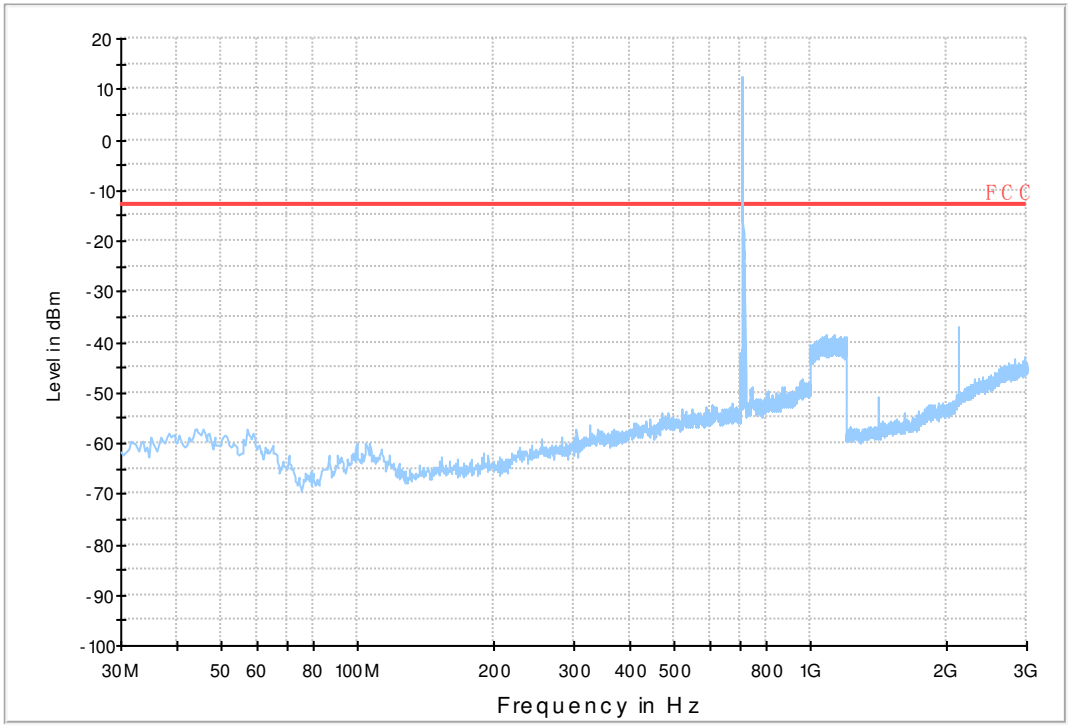
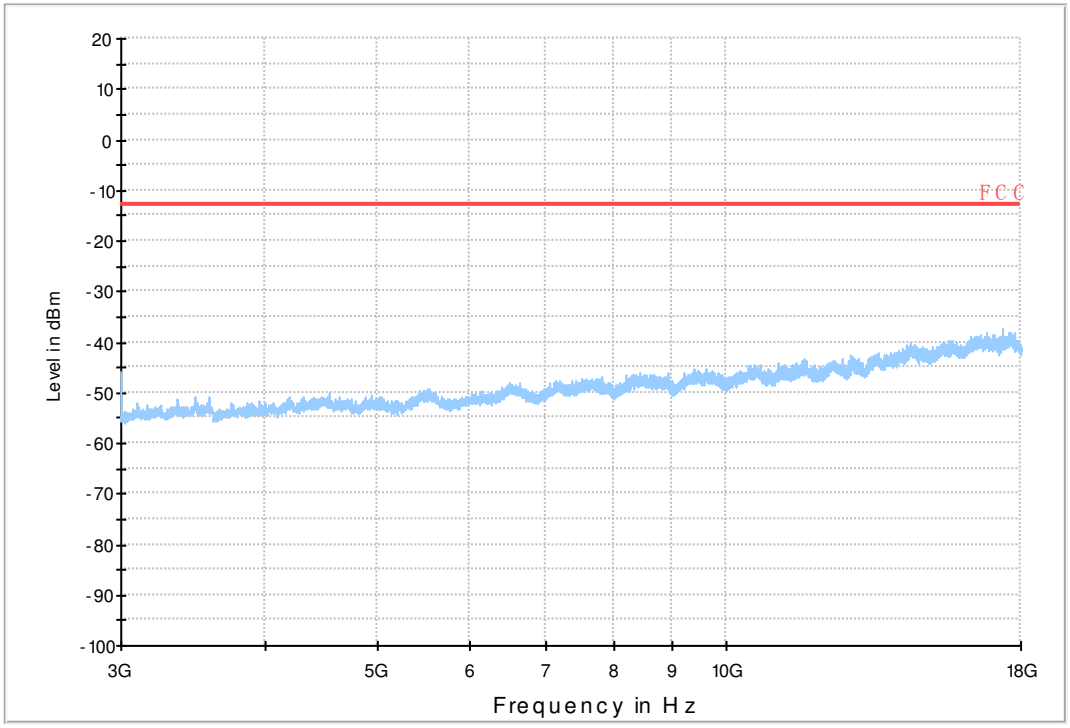


Copy of RSE-TX-DIRECTOR BELOW 1G_H



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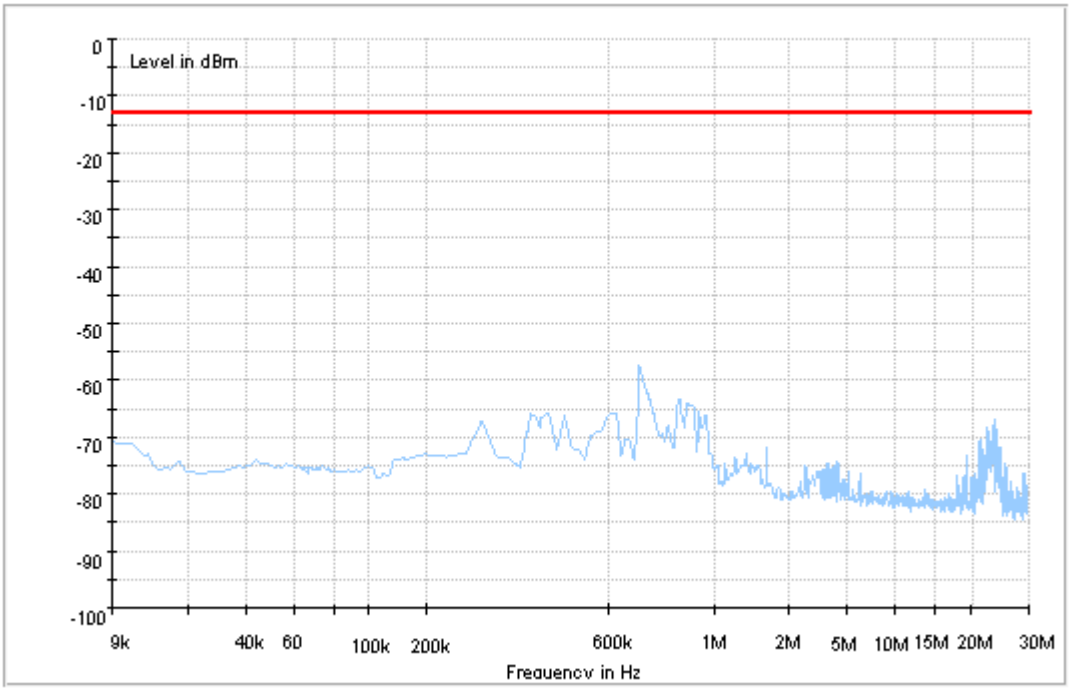
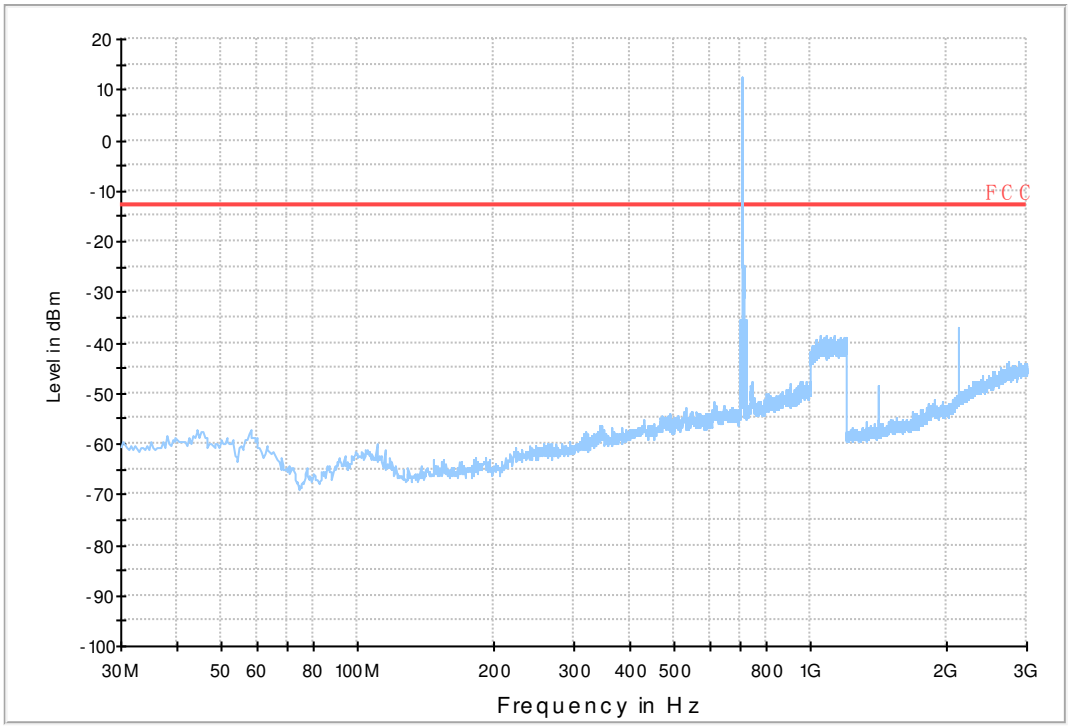
7.1.5.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



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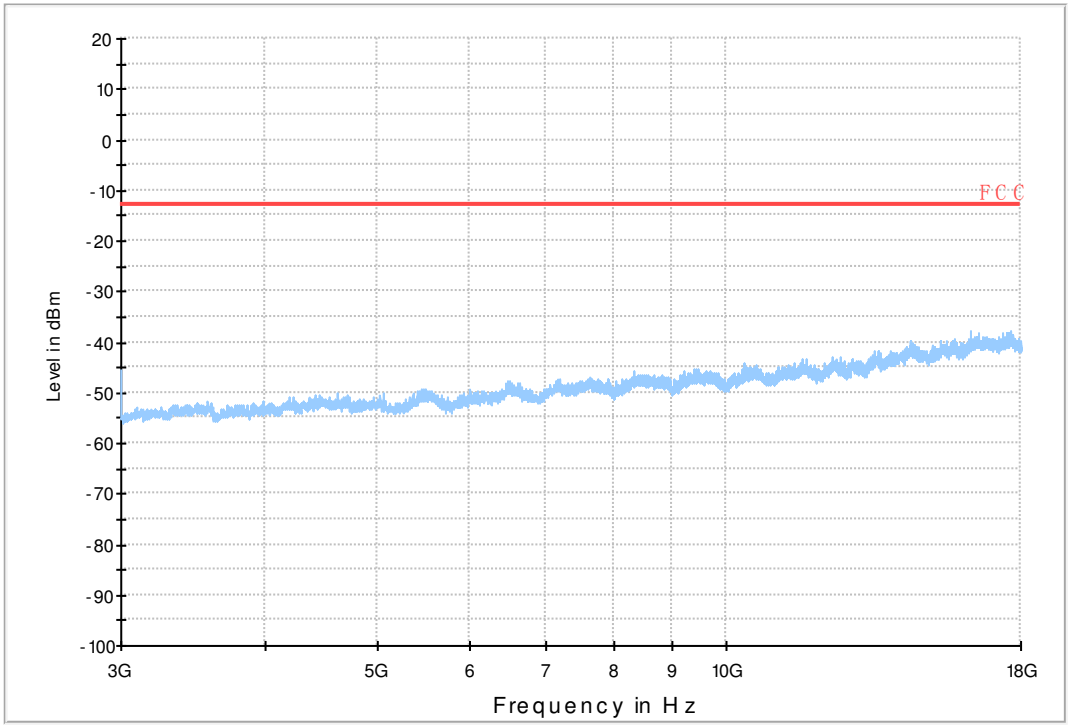

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8Appendix_H: Frequency Stability

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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
BAND2	LTE/TM1	1.4	LCH	TN	VL	-5.06	-0.00273	PASS
					VN	-8.63	-0.00466	PASS
					VH	2.02	0.00109	PASS
			MCH	TN	VL	3.02	0.00161	PASS
					VN	2.07	0.0011	PASS
					VH	-20.73	-0.01103	PASS
			HCH	TN	VL	-6.9	-0.00361	PASS
					VN	-0.36	-0.00019	PASS
					VH	-7.98	-0.00418	PASS
		3	LCH	TN	VL	-0.24	-0.00013	PASS
					VN	0.29	0.00016	PASS
					VH	-8.13	-0.00439	PASS
			MCH	TN	VL	-4.63	-0.00246	PASS
					VN	-8.5	-0.00452	PASS
					VH	2.17	0.00115	PASS
			HCH	TN	VL	1.92	0.00101	PASS
					VN	-1.57	-0.00082	PASS
					VH	-5.52	-0.00289	PASS
		5	LCH	TN	VL	-0.74	-0.0004	PASS
					VN	-13.75	-0.00742	PASS
					VH	0.8	0.00043	PASS
			MCH	TN	VL	-1.63	-0.00087	PASS
					VN	-1	-0.00053	PASS
					VH	-9.36	-0.00498	PASS
			HCH	TN	VL	-3.05	-0.0016	PASS
					VN	-0.62	-0.00033	PASS
					VH	-8.24	-0.00432	PASS
		10	LCH	TN	VL	-0.27	-0.00015	PASS
					VN	-2.37	-0.00128	PASS
					VH	-5.98	-0.00322	PASS
			MCH	TN	VL	0.33	0.00018	PASS
					VN	-0.51	-0.00027	PASS
					VH	-1.3	-0.00069	PASS
			HCH	TN	VL	1.93	0.00101	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-2.89	-0.00152	PASS
					VH	2.95	0.00155	PASS
		15	LCH	TN	VL	-0.87	-0.00047	PASS
					VN	-0.53	-0.00029	PASS
					VH	0.51	0.00027	PASS
			MCH	TN	VL	15.56	0.00828	PASS
					VN	19.14	0.01018	PASS
					VH	15.46	0.00822	PASS
			HCH	TN	VL	-2.05	-0.00108	PASS
					VN	-0.47	-0.00025	PASS
					VH	1.53	0.0008	PASS
		20	LCH	TN	VL	-0.5	-0.00027	PASS
					VN	0.87	0.00047	PASS
					VH	1.96	0.00105	PASS
			MCH	TN	VL	-13.55	-0.00721	PASS
					VN	-6.49	-0.00345	PASS
					VH	0.77	0.00041	PASS
			HCH	TN	VL	0.5	0.00026	PASS
					VN	-0.96	-0.00051	PASS
					VH	-0.96	-0.00051	PASS
	LTE/TM2	1.4	LCH	TN	VL	3.98	0.00215	PASS
					VN	0.99	0.00053	PASS
					VH	-0.87	-0.00047	PASS
			MCH	TN	VL	-17.21	-0.00915	PASS
					VN	-9.27	-0.00493	PASS
					VH	-11.77	-0.00626	PASS
			HCH	TN	VL	-7.22	-0.00378	PASS
					VN	-1.29	-0.00068	PASS
					VH	-8.74	-0.00458	PASS
		3	LCH	TN	VL	-0.47	-0.00025	PASS
					VN	1.27	0.00069	PASS
					VH	1.97	0.00106	PASS
			MCH	TN	VL	0.86	0.00046	PASS
					VN	-4.86	-0.00259	PASS
					VH	-0.74	-0.00039	PASS
			HCH	TN	VL	-0.51	-0.00027	PASS
					VN	0.84	0.00044	PASS
					VH	-2.39	-0.00125	PASS
		5	LCH	TN	VL	0.97	0.00052	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	0.06	0.00003	PASS
					VH	-1.16	-0.00063	PASS
			MCH	TN	VL	-5.81	-0.00309	PASS
					VN	-18.81	-0.01001	PASS
					VH	-13.68	-0.00728	PASS
			HCH	TN	VL	0.01	0.00001	PASS
					VN	-5.44	-0.00285	PASS
					VH	-6.74	-0.00353	PASS
		10	LCH	TN	VL	-1.69	-0.00091	PASS
					VN	-1.95	-0.00105	PASS
					VH	-1.5	-0.00081	PASS
			MCH	TN	VL	-2.32	-0.00123	PASS
					VN	1.69	0.0009	PASS
					VH	-0.04	-0.00002	PASS
			HCH	TN	VL	1.22	0.00064	PASS
					VN	-0.16	-0.00008	PASS
					VH	-0.9	-0.00047	PASS
		15	LCH	TN	VL	-0.24	-0.00013	PASS
					VN	-1.03	-0.00055	PASS
					VH	-1.46	-0.00079	PASS
			MCH	TN	VL	0.59	0.00031	PASS
					VN	0.13	0.00007	PASS
					VH	-0.4	-0.00021	PASS
			HCH	TN	VL	-1.19	-0.00063	PASS
					VN	0.34	0.00018	PASS
					VH	-0.2	-0.00011	PASS
		20	LCH	TN	VL	0.86	0.00046	PASS
					VN	-2.22	-0.00119	PASS
					VH	-0.39	-0.00021	PASS
			MCH	TN	VL	-0.09	-0.00005	PASS
					VN	-0.84	-0.00045	PASS
					VH	-1.2	-0.00064	PASS
			HCH	TN	VL	-2.22	-0.00117	PASS
					VN	-0.06	-0.00003	PASS
					VH	-0.07	-0.00004	PASS
BAND7	LTE/TM1	5	LCH	TN	VL	-0.36	-0.00014	PASS
					VN	-2.25	-0.0009	PASS
					VH	-1.77	-0.00071	PASS
			MCH	TN	VL	0.62	0.00024	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-26.84	-0.01059	PASS
					VH	-2.79	-0.0011	PASS
			HCH	TN	VL	1.23	0.00048	PASS
					VN	-11.63	-0.00453	PASS
					VH	-0.21	-0.00008	PASS
		10	LCH	TN	VL	-1.92	-0.00077	PASS
					VN	-3.65	-0.00146	PASS
					VH	-2.22	-0.00089	PASS
			MCH	TN	VL	3.13	0.00123	PASS
					VN	-6.72	-0.00265	PASS
					VH	0.49	0.00019	PASS
			HCH	TN	VL	-0.2	-0.00008	PASS
					VN	0.13	0.00005	PASS
					VH	-0.93	-0.00036	PASS
		15	LCH	TN	VL	-0.4	-0.00016	PASS
					VN	-3.63	-0.00145	PASS
					VH	0.03	0.00001	PASS
			MCH	TN	VL	-16.12	-0.00636	PASS
					VN	-0.47	-0.00019	PASS
					VH	-1.65	-0.00065	PASS
			HCH	TN	VL	-3.43	-0.00134	PASS
					VN	-1.24	-0.00048	PASS
					VH	0.7	0.00027	PASS
		20	LCH	TN	VL	-2.33	-0.00093	PASS
					VN	0.1	0.00004	PASS
					VH	0.24	0.0001	PASS
			MCH	TN	VL	-2.46	-0.00097	PASS
					VN	-3.02	-0.00119	PASS
					VH	-1.23	-0.00049	PASS
			HCH	TN	VL	-1.17	-0.00046	PASS
					VN	-2.45	-0.00096	PASS
					VH	-2.68	-0.00105	PASS
	LTE/TM2	5	LCH	TN	VL	-2.26	-0.0009	PASS
					VN	-1.32	-0.00053	PASS
					VH	-0.33	-0.00013	PASS
			MCH	TN	VL	-14.38	-0.00567	PASS
					VN	-0.09	-0.00004	PASS
					VH	0.2	0.00008	PASS
			HCH	TN	VL	-3.28	-0.00128	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-3.05	-0.00119	PASS
					VH	0.62	0.00024	PASS
		10	LCH	TN	VL	-9.63	-0.00384	PASS
					VN	2.03	0.00081	PASS
					VH	0.19	0.00008	PASS
			MCH	TN	VL	0.29	0.00011	PASS
					VN	-1.12	-0.00044	PASS
					VH	3.75	0.00148	PASS
			HCH	TN	VL	-6.77	-0.00264	PASS
					VN	-10	-0.0039	PASS
					VH	1.23	0.00048	PASS
		15	LCH	TN	VL	-2.19	-0.00087	PASS
					VN	0.34	0.00014	PASS
					VH	2.13	0.00085	PASS
			MCH	TN	VL	-0.59	-0.00023	PASS
					VN	-2.02	-0.0008	PASS
					VH	-8.08	-0.00319	PASS
			HCH	TN	VL	-1.27	-0.0005	PASS
					VN	-0.94	-0.00037	PASS
					VH	-11.19	-0.00437	PASS
		20	LCH	TN	VL	-1.24	-0.00049	PASS
					VN	-4.85	-0.00193	PASS
					VH	-1.44	-0.00057	PASS
			MCH	TN	VL	-1.02	-0.0004	PASS
					VN	-1.62	-0.00064	PASS
					VH	-1.36	-0.00054	PASS
			HCH	TN	VL	-1.13	-0.00044	PASS
					VN	2.36	0.00092	PASS
					VH	-2.42	-0.00095	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	TN	VL	-1.04	-0.00126	PASS
					VN	-2.63	-0.00319	PASS
					VH	-0.79	-0.00096	PASS
			MCH	TN	VL	0.66	0.00079	PASS
					VN	-0.74	-0.00088	PASS
					VH	0.49	0.00059	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VL	0.33	0.00039	PASS
					VN	-0.79	-0.00093	PASS
					VH	-0.29	-0.00034	PASS
		3	LCH	TN	VL	0.21	0.00025	PASS
					VN	0.9	0.00109	PASS
					VH	-0.07	-0.00008	PASS
			MCH	TN	VL	-0.93	-0.00111	PASS
					VN	0.76	0.00091	PASS
					VH	-0.16	-0.00019	PASS
			HCH	TN	VL	0.23	0.00027	PASS
					VN	-2.55	-0.00301	PASS
					VH	-1.2	-0.00142	PASS
		5	LCH	TN	VL	-0.54	-0.00065	PASS
					VN	0.49	0.00059	PASS
					VH	-4.41	-0.00534	PASS
			MCH	TN	VL	-2.07	-0.00247	PASS
					VN	-1.3	-0.00155	PASS
					VH	-0.47	-0.00056	PASS
			HCH	TN	VL	-0.14	-0.00017	PASS
					VN	0.51	0.0006	PASS
					VH	0.23	0.00027	PASS
		10	LCH	TN	VL	0.2	0.00024	PASS
					VN	-0.63	-0.00076	PASS
					VH	-0.57	-0.00069	PASS
			MCH	TN	VL	-1.12	-0.00134	PASS
					VN	-0.74	-0.00088	PASS
					VH	-0.29	-0.00035	PASS
			HCH	TN	VL	-1.2	-0.00142	PASS
					VN	-2.02	-0.00239	PASS
					VH	-0.84	-0.001	PASS
	LTE/TM2	1.4	LCH	TN	VL	-1.33	-0.00161	PASS
					VN	-3.09	-0.00375	PASS
					VH	-0.53	-0.00064	PASS
			MCH	TN	VL	-0.74	-0.00088	PASS
					VN	-0.9	-0.00108	PASS
					VH	-0.62	-0.00074	PASS
			HCH	TN	VL	-1.17	-0.00138	PASS
					VN	-0.59	-0.0007	PASS
					VH	-0.76	-0.0009	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		3	LCH	TN	VL	1.36	0.00165	PASS
					VN	-0.97	-0.00118	PASS
					VH	-0.37	-0.00045	PASS
			MCH	TN	VL	-1.7	-0.00203	PASS
					VN	-0.51	-0.00061	PASS
					VH	0.4	0.00048	PASS
			HCH	TN	VL	-4.51	-0.00532	PASS
					VN	-1.44	-0.0017	PASS
					VH	-0.77	-0.00091	PASS
		5	LCH	TN	VL	-1.7	-0.00206	PASS
					VN	-1.12	-0.00136	PASS
					VH	-1.42	-0.00172	PASS
			MCH	TN	VL	-0.33	-0.00039	PASS
					VN	-0.69	-0.00082	PASS
					VH	-0.84	-0.001	PASS
			HCH	TN	VL	0.39	0.00046	PASS
					VN	-0.11	-0.00013	PASS
					VH	-0.36	-0.00043	PASS
		10	LCH	TN	VL	-0.33	-0.0004	PASS
					VN	-1.44	-0.00174	PASS
					VH	-1.33	-0.0016	PASS
			MCH	TN	VL	-0.56	-0.00067	PASS
					VN	-1.95	-0.00233	PASS
					VH	-1.29	-0.00154	PASS
			HCH	TN	VL	0.09	0.00011	PASS
					VN	-1.13	-0.00134	PASS
					VH	-0.82	-0.00097	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	TN	VL	-5.06	-0.00273	PASS
					VN	-8.63	-0.00466	PASS
					VH	2.02	0.00109	PASS
			MCH	TN	VL	3.02	0.00161	PASS
					VN	2.07	0.0011	PASS
					VH	-20.73	-0.01103	PASS
			HCH	TN	VL	-6.9	-0.00361	PASS
					VN	-0.36	-0.00019	PASS
					VH	-7.98	-0.00418	PASS
		3	LCH	TN	VL	-0.24	-0.00013	PASS
					VN	0.29	0.00016	PASS
					VH	-8.13	-0.00439	PASS
			MCH	TN	VL	-4.63	-0.00246	PASS
					VN	-8.5	-0.00452	PASS
					VH	2.17	0.00115	PASS
			HCH	TN	VL	1.92	0.00101	PASS
					VN	-1.57	-0.00082	PASS
					VH	-5.52	-0.00289	PASS
		5	LCH	TN	VL	-0.74	-0.0004	PASS
					VN	-13.75	-0.00742	PASS
					VH	0.8	0.00043	PASS
			MCH	TN	VL	-1.63	-0.00087	PASS
					VN	-1	-0.00053	PASS
					VH	-9.36	-0.00498	PASS
			HCH	TN	VL	-3.05	-0.0016	PASS
					VN	-0.62	-0.00033	PASS
					VH	-8.24	-0.00432	PASS
		10	LCH	TN	VL	-0.27	-0.00015	PASS
					VN	-2.37	-0.00128	PASS
					VH	-5.98	-0.00322	PASS
			MCH	TN	VL	0.33	0.00018	PASS
					VN	-0.51	-0.00027	PASS
					VH	-1.3	-0.00069	PASS
			HCH	TN	VL	1.93	0.00101	PASS
					VN	-2.89	-0.00152	PASS
					VH	2.95	0.00155	PASS
		15	LCH	TN	VL	-0.87	-0.00047	PASS
					VN	-0.53	-0.00029	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	0.51	0.00027	PASS
			MCH	TN	VL	15.56	0.00828	PASS
					VN	19.14	0.01018	PASS
					VH	15.46	0.00822	PASS
			HCH	TN	VL	-2.05	-0.00108	PASS
					VN	-0.47	-0.00025	PASS
					VH	1.53	0.0008	PASS
		20	LCH	TN	VL	-0.5	-0.00027	PASS
					VN	0.87	0.00047	PASS
					VH	1.96	0.00105	PASS
			MCH	TN	VL	-13.55	-0.00721	PASS
					VN	-6.49	-0.00345	PASS
					VH	0.77	0.00041	PASS
			HCH	TN	VL	0.5	0.00026	PASS
					VN	-0.96	-0.00051	PASS
					VH	-0.96	-0.00051	PASS
	LTE/TM2	1.4	LCH	TN	VL	3.98	0.00215	PASS
					VN	0.99	0.00053	PASS
					VH	-0.87	-0.00047	PASS
			MCH	TN	VL	-17.21	-0.00915	PASS
					VN	-9.27	-0.00493	PASS
					VH	-11.77	-0.00626	PASS
			HCH	TN	VL	-7.22	-0.00378	PASS
					VN	-1.29	-0.00068	PASS
					VH	-8.74	-0.00458	PASS
		3	LCH	TN	VL	-0.47	-0.00025	PASS
					VN	1.27	0.00069	PASS
					VH	1.97	0.00106	PASS
			MCH	TN	VL	0.86	0.00046	PASS
					VN	-4.86	-0.00259	PASS
					VH	-0.74	-0.00039	PASS
			HCH	TN	VL	-0.51	-0.00027	PASS
					VN	0.84	0.00044	PASS
					VH	-2.39	-0.00125	PASS
		5	LCH	TN	VL	0.97	0.00052	PASS
					VN	0.06	0.00003	PASS
					VH	-1.16	-0.00063	PASS
			MCH	TN	VL	-5.81	-0.00309	PASS
					VN	-18.81	-0.01001	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-13.68	-0.00728	PASS
			HCH	TN	VL	0.01	0.00001	PASS
					VN	-5.44	-0.00285	PASS
					VH	-6.74	-0.00353	PASS
		10	LCH	TN	VL	-1.69	-0.00091	PASS
					VN	-1.95	-0.00105	PASS
					VH	-1.5	-0.00081	PASS
			MCH	TN	VL	-2.32	-0.00123	PASS
					VN	1.69	0.0009	PASS
					VH	-0.04	-0.00002	PASS
			HCH	TN	VL	1.22	0.00064	PASS
					VN	-0.16	-0.00008	PASS
					VH	-0.9	-0.00047	PASS
		15	LCH	TN	VL	-0.24	-0.00013	PASS
					VN	-1.03	-0.00055	PASS
					VH	-1.46	-0.00079	PASS
			MCH	TN	VL	0.59	0.00031	PASS
					VN	0.13	0.00007	PASS
					VH	-0.4	-0.00021	PASS
			HCH	TN	VL	-1.19	-0.00063	PASS
					VN	0.34	0.00018	PASS
					VH	-0.2	-0.00011	PASS
		20	LCH	TN	VL	0.86	0.00046	PASS
					VN	-2.22	-0.00119	PASS
					VH	-0.39	-0.00021	PASS
			MCH	TN	VL	-0.09	-0.00005	PASS
					VN	-0.84	-0.00045	PASS
					VH	-1.2	-0.00064	PASS
			HCH	TN	VL	-2.22	-0.00117	PASS
					VN	-0.06	-0.00003	PASS
					VH	-0.07	-0.00004	PASS
BAND12	LTE/TM1	1.4	LCH	TN	VL	-0.36	-0.00014	PASS
					VN	-2.25	-0.0009	PASS
					VH	-1.77	-0.00071	PASS
			MCH	TN	VL	0.62	0.00024	PASS
					VN	-26.84	-0.01059	PASS
					VH	-2.79	-0.0011	PASS
			HCH	TN	VL	1.23	0.00048	PASS
					VN	-11.63	-0.00453	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-0.21	-0.00008	PASS
		3	LCH	TN	VL	-1.92	-0.00077	PASS
					VN	-3.65	-0.00146	PASS
					VH	-2.22	-0.00089	PASS
			MCH	TN	VL	3.13	0.00123	PASS
					VN	-6.72	-0.00265	PASS
					VH	0.49	0.00019	PASS
			HCH	TN	VL	-0.2	-0.00008	PASS
					VN	0.13	0.00005	PASS
					VH	-0.93	-0.00036	PASS
		5	LCH	TN	VL	-0.4	-0.00016	PASS
					VN	-3.63	-0.00145	PASS
					VH	0.03	0.00001	PASS
			MCH	TN	VL	-16.12	-0.00636	PASS
					VN	-0.47	-0.00019	PASS
					VH	-1.65	-0.00065	PASS
			HCH	TN	VL	-3.43	-0.00134	PASS
					VN	-1.24	-0.00048	PASS
					VH	0.7	0.00027	PASS
		10	LCH	TN	VL	-2.33	-0.00093	PASS
					VN	0.1	0.00004	PASS
					VH	0.24	0.0001	PASS
			MCH	TN	VL	-2.46	-0.00097	PASS
					VN	-3.02	-0.00119	PASS
					VH	-1.23	-0.00049	PASS
			HCH	TN	VL	-1.17	-0.00046	PASS
					VN	-2.45	-0.00096	PASS
					VH	-2.68	-0.00105	PASS
	LTE/TM2	1.4	LCH	TN	VL	-2.26	-0.0009	PASS
					VN	-1.32	-0.00053	PASS
					VH	-0.33	-0.00013	PASS
			MCH	TN	VL	-14.38	-0.00567	PASS
					VN	-0.09	-0.00004	PASS
					VH	0.2	0.00008	PASS
			HCH	TN	VL	-3.28	-0.00128	PASS
					VN	-3.05	-0.00119	PASS
					VH	0.62	0.00024	PASS
		3	LCH	TN	VL	-9.63	-0.00384	PASS
					VN	2.03	0.00081	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	0.19	0.00008	PASS
			MCH	TN	VL	0.29	0.00011	PASS
					VN	-1.12	-0.00044	PASS
					VH	3.75	0.00148	PASS
			HCH	TN	VL	-6.77	-0.00264	PASS
					VN	-10	-0.0039	PASS
					VH	1.23	0.00048	PASS
		5	LCH	TN	VL	-2.19	-0.00087	PASS
					VN	0.34	0.00014	PASS
					VH	2.13	0.00085	PASS
			MCH	TN	VL	-0.59	-0.00023	PASS
					VN	-2.02	-0.0008	PASS
					VH	-8.08	-0.00319	PASS
			HCH	TN	VL	-1.27	-0.0005	PASS
					VN	-0.94	-0.00037	PASS
					VH	-11.19	-0.00437	PASS
		10	LCH	TN	VL	-1.24	-0.00049	PASS
					VN	-4.85	-0.00193	PASS
					VH	-1.44	-0.00057	PASS
			MCH	TN	VL	-1.02	-0.0004	PASS
					VN	-1.62	-0.00064	PASS
					VH	-1.36	-0.00054	PASS
			HCH	TN	VL	-1.13	-0.00044	PASS
					VN	2.36	0.00092	PASS
					VH	-2.42	-0.00095	PASS
BAND17	LTE/TM1	5	LCH	TN	VL	-5.06	-0.00273	PASS
					VN	-8.63	-0.00466	PASS
					VH	2.02	0.00109	PASS
			MCH	TN	VL	3.02	0.00161	PASS
					VN	2.07	0.0011	PASS
					VH	-20.73	-0.01103	PASS
			HCH	TN	VL	-6.9	-0.00361	PASS
					VN	-0.36	-0.00019	PASS
					VH	-7.98	-0.00418	PASS
		10	LCH	TN	VL	-0.24	-0.00013	PASS
					VN	0.29	0.00016	PASS
					VH	-8.13	-0.00439	PASS
			MCH	TN	VL	-4.63	-0.00246	PASS
					VN	-8.5	-0.00452	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	2.17	0.00115	PASS
			HCH	TN	VL	1.92	0.00101	PASS
					VN	-1.57	-0.00082	PASS
					VH	-5.52	-0.00289	PASS
	LTE/TM2	5	LCH	TN	VL	-0.74	-0.0004	PASS
					VN	-13.75	-0.00742	PASS
					VH	0.8	0.00043	PASS
			MCH	TN	VL	-1.63	-0.00087	PASS
					VN	-1	-0.00053	PASS
					VH	-9.36	-0.00498	PASS
			HCH	TN	VL	-3.05	-0.0016	PASS
					VN	-0.62	-0.00033	PASS
					VH	-8.24	-0.00432	PASS
		10	LCH	TN	VL	-0.27	-0.00015	PASS
					VN	-2.37	-0.00128	PASS
					VH	-5.98	-0.00322	PASS
			MCH	TN	VL	0.33	0.00018	PASS
					VN	-0.51	-0.00027	PASS
					VH	-1.3	-0.00069	PASS
			HCH	TN	VL	1.93	0.00101	PASS
					VN	-2.89	-0.00152	PASS
					VH	2.95	0.00155	PASS

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8.3.2Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND2	LTE/TM1	1.4	LCH	VN	-30	12.96	0.007	PASS
					-20	-8.6	-0.00465	PASS
					-10	-0.62	-0.00034	PASS
					0	0.86	0.00046	PASS
					10	-7.57	-0.00409	PASS
					20	1.17	0.00063	PASS
					30	3.99	0.00216	PASS
					40	18.22	0.00984	PASS
					50	-9.2	-0.00497	PASS
			MCH	VN	-30	3.39	0.0018	PASS
					-20	3.59	0.00191	PASS
					-10	0.74	0.00039	PASS
					0	-1	-0.00053	PASS
					10	-12.83	-0.00682	PASS
					20	12.35	0.00657	PASS
					30	0.2	0.00011	PASS
					40	-3.3	-0.00176	PASS
					50	16.44	0.00874	PASS
			HCH	VN	-30	-6.51	-0.00341	PASS
					-20	-6.82	-0.00357	PASS
					-10	-8.45	-0.00443	PASS
					0	-14.1	-0.00738	PASS
					10	-5.92	-0.0031	PASS
					20	-10.56	-0.00553	PASS
					30	-5.24	-0.00274	PASS
					40	2.59	0.00136	PASS
					50	3.83	0.00201	PASS
		3	LCH	VN	-30	2.68	0.00145	PASS
					-20	-0.66	-0.00036	PASS
					-10	0.56	0.0003	PASS
					0	1.14	0.00062	PASS
					10	0.3	0.00016	PASS
					20	-15.78	-0.00852	PASS
					30	1.37	0.00074	PASS
					40	-12.83	-0.00693	PASS
					50	-0.76	-0.00041	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	-3.72	-0.00198	PASS
					-20	2.07	0.0011	PASS
					-10	1.93	0.00103	PASS
					0	-3.92	-0.00209	PASS
					10	9	0.00479	PASS
					20	-4.45	-0.00237	PASS
					30	-1.34	-0.00071	PASS
					40	-3.13	-0.00166	PASS
					50	7.02	0.00373	PASS
			HCH	VN	-30	4.08	0.00214	PASS
					-20	3.05	0.0016	PASS
					-10	-5.18	-0.00271	PASS
					0	-4.26	-0.00223	PASS
					10	3.83	0.00201	PASS
					20	-1.22	-0.00064	PASS
					30	-12.96	-0.00679	PASS
					40	-4.78	-0.0025	PASS
					50	6.91	0.00362	PASS
		5	LCH	VN	-30	1.16	0.00063	PASS
					-20	2.37	0.00128	PASS
					-10	4.55	0.00246	PASS
					0	-0.4	-0.00022	PASS
					10	3.26	0.00176	PASS
					20	0.46	0.00025	PASS
					30	0.27	0.00015	PASS
					40	0.41	0.00022	PASS
					50	1.7	0.00092	PASS
			MCH	VN	-30	0.04	0.00002	PASS
					-20	-0.24	-0.00013	PASS
					-10	-0.14	-0.00007	PASS
					0	-24.23	-0.01289	PASS
					10	-2.09	-0.00111	PASS
					20	-20.3	-0.0108	PASS
					30	-24.99	-0.01329	PASS
					40	-2.73	-0.00145	PASS
					50	1.22	0.00065	PASS
			HCH	VN	-30	-16.95	-0.00889	PASS
					-20	1.56	0.00082	PASS
					-10	-0.1	-0.00005	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-0.7	-0.00037	PASS
					10	-29.48	-0.01545	PASS
					20	-1.75	-0.00092	PASS
					30	-0.64	-0.00034	PASS
					40	0.36	0.00019	PASS
					50	-2.42	-0.00127	PASS
		10	LCH	VN	-30	4.66	0.00251	PASS
					-20	0.93	0.0005	PASS
					-10	-0.14	-0.00008	PASS
					0	-2.19	-0.00118	PASS
					10	-0.2	-0.00011	PASS
					20	-28.91	-0.01558	PASS
					30	-0.92	-0.0005	PASS
					40	0.36	0.00019	PASS
					50	1.89	0.00102	PASS
			MCH	VN	-30	3.62	0.00193	PASS
					-20	-15.31	-0.00814	PASS
					-10	-27.49	-0.01462	PASS
					0	0.44	0.00023	PASS
					10	-1.62	-0.00086	PASS
					20	1.76	0.00094	PASS
					30	-1	-0.00053	PASS
					40	-0.64	-0.00034	PASS
					50	-19.6	-0.01043	PASS
			HCH	VN	-30	-1.85	-0.00097	PASS
					-20	5.09	0.00267	PASS
					-10	-28.15	-0.01478	PASS
					0	-12.7	-0.00667	PASS
					10	-28.32	-0.01487	PASS
					20	5.78	0.00303	PASS
					30	1.42	0.00075	PASS
					40	-0.86	-0.00045	PASS
					50	0.97	0.00051	PASS
		15	LCH	VN	-30	1.42	0.00076	PASS
					-20	0.6	0.00032	PASS
					-10	-0.37	-0.0002	PASS
					0	1.07	0.00058	PASS
					10	0.56	0.0003	PASS
					20	0.36	0.00019	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-18.84	-0.01014	PASS
					40	-16.94	-0.00912	PASS
					50	-15.81	-0.00851	PASS
			MCH	VN	-30	8.28	0.0044	PASS
					-20	-4.63	-0.00246	PASS
					-10	-99.95	-0.05316	PASS
					0	-0.09	-0.00005	PASS
					10	2.9	0.00154	PASS
					20	-2.85	-0.00152	PASS
					30	-1.19	-0.00063	PASS
					40	-1.13	-0.0006	PASS
					50	-0.16	-0.00009	PASS
			HCH	VN	-30	-14.86	-0.00781	PASS
					-20	-0.26	-0.00014	PASS
					-10	-0.62	-0.00033	PASS
					0	-0.82	-0.00043	PASS
					10	-0.67	-0.00035	PASS
					20	-0.23	-0.00012	PASS
					30	-15.45	-0.00812	PASS
					40	-1.54	-0.00081	PASS
					50	-14.12	-0.00742	PASS
		20	LCH	VN	-30	5.99	0.00322	PASS
					-20	-5.78	-0.00311	PASS
					-10	3.95	0.00212	PASS
					0	1.43	0.00077	PASS
					10	-0.56	-0.0003	PASS
					20	0.6	0.00032	PASS
					30	-7.74	-0.00416	PASS
					40	-15.19	-0.00817	PASS
					50	-17.7	-0.00952	PASS
			MCH	VN	-30	0.07	0.00004	PASS
					-20	0.76	0.0004	PASS
					-10	-0.09	-0.00005	PASS
					0	-0.5	-0.00027	PASS
					10	0.83	0.00044	PASS
					20	-1.04	-0.00055	PASS
					30	-2.29	-0.00122	PASS
					40	-0.17	-0.00009	PASS
					50	-0.44	-0.00023	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	-30	0.6	0.00032	PASS
					-20	-2	-0.00105	PASS
					-10	-1.03	-0.00054	PASS
					0	-0.26	-0.00014	PASS
					10	0.51	0.00027	PASS
					20	-0.23	-0.00012	PASS
					30	-0.26	-0.00014	PASS
					40	0.37	0.00019	PASS
					50	-0.19	-0.0001	PASS
	LTE/TM2	1.4	LCH	VN	-30	2.59	0.0014	PASS
					-20	4.25	0.0023	PASS
					-10	-12.5	-0.00675	PASS
					0	0.11	0.00006	PASS
					10	2.16	0.00117	PASS
					20	-9.63	-0.0052	PASS
					30	5.19	0.0028	PASS
					40	-0.87	-0.00047	PASS
					50	-3.56	-0.00192	PASS
			MCH	VN	-30	7.82	0.00416	PASS
					-20	1.67	0.00089	PASS
					-10	-1.52	-0.00081	PASS
					0	7.42	0.00395	PASS
					10	0.43	0.00023	PASS
					20	-9.81	-0.00522	PASS
					30	-2.16	-0.00115	PASS
					40	-13.63	-0.00725	PASS
					50	2.75	0.00146	PASS
			HCH	VN	-30	12.73	0.00667	PASS
					-20	0.97	0.00051	PASS
					-10	-9.47	-0.00496	PASS
					0	-7.34	-0.00384	PASS
					10	-4.65	-0.00244	PASS
					20	3.18	0.00167	PASS
					30	3.79	0.00199	PASS
					40	22.39	0.01173	PASS
					50	-18.81	-0.00985	PASS
		3	LCH	VN	-30	-12.6	-0.00681	PASS
					-20	-9.47	-0.00511	PASS
					-10	-0.54	-0.00029	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-1.59	-0.00086	PASS
					10	-7.77	-0.0042	PASS
					20	-2.39	-0.00129	PASS
					30	1.26	0.00068	PASS
					40	1.2	0.00065	PASS
					50	-16.15	-0.00872	PASS
			MCH	VN	-30	-3.32	-0.00177	PASS
					-20	-6.29	-0.00335	PASS
					-10	3.18	0.00169	PASS
					0	4.65	0.00247	PASS
					10	-4.32	-0.0023	PASS
					20	-11.3	-0.00601	PASS
					30	3.91	0.00208	PASS
					40	-3.3	-0.00176	PASS
					50	-3.13	-0.00166	PASS
			HCH	VN	-30	-5.01	-0.00263	PASS
					-20	-8.33	-0.00436	PASS
					-10	2.13	0.00112	PASS
					0	5.24	0.00275	PASS
					10	3.08	0.00161	PASS
					20	3.95	0.00207	PASS
					30	-7.41	-0.00388	PASS
					40	1.37	0.00072	PASS
					50	2.23	0.00117	PASS
		5	LCH	VN	-30	1.96	0.00106	PASS
					-20	1.7	0.00092	PASS
					-10	4.18	0.00226	PASS
					0	1.69	0.00091	PASS
					10	2.78	0.0015	PASS
					20	3.29	0.00178	PASS
					30	-29.91	-0.01615	PASS
					40	0.79	0.00043	PASS
					50	0.53	0.00029	PASS
			MCH	VN	-30	-0.86	-0.00046	PASS
					-20	-22.47	-0.01195	PASS
					-10	-1.2	-0.00064	PASS
					0	-27.97	-0.01488	PASS
					10	-1.46	-0.00078	PASS
					20	0.87	0.00046	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	1.8	0.00096	PASS
					40	-7.84	-0.00417	PASS
					50	-30.18	-0.01605	PASS
			HCH	VN	-30	0.84	0.00044	PASS
					-20	-18.9	-0.00991	PASS
					-10	-29.35	-0.01539	PASS
					0	0.73	0.00038	PASS
					10	-26.19	-0.01373	PASS
					20	-30.56	-0.01602	PASS
					30	-24.79	-0.013	PASS
					40	0.24	0.00013	PASS
					50	-0.41	-0.00021	PASS
		10	LCH	VN	-30	1.77	0.00095	PASS
					-20	-0.44	-0.00024	PASS
					-10	0.44	0.00024	PASS
					0	-1.17	-0.00063	PASS
					10	-0.33	-0.00018	PASS
					20	1.8	0.00097	PASS
					30	-1.63	-0.00088	PASS
					40	1.76	0.00095	PASS
					50	-0.74	-0.0004	PASS
			MCH	VN	-30	-2.96	-0.00157	PASS
					-20	-2.23	-0.00119	PASS
					-10	-20.14	-0.01071	PASS
					0	0.92	0.00049	PASS
					10	-4.48	-0.00238	PASS
					20	-1.66	-0.00088	PASS
					30	-3.05	-0.00162	PASS
					40	-0.34	-0.00018	PASS
					50	-3.76	-0.002	PASS
			HCH	VN	-30	-1.02	-0.00054	PASS
					-20	-20.08	-0.01054	PASS
					-10	-9.73	-0.00511	PASS
					0	-17.25	-0.00906	PASS
					10	-26.36	-0.01384	PASS
					20	-3.33	-0.00175	PASS
					30	1.22	0.00064	PASS
					40	0.49	0.00026	PASS
					50	3.28	0.00172	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15	LCH	VN	-30	1.17	0.00063	PASS
					-20	-16.29	-0.00877	PASS
					-10	-16.84	-0.00907	PASS
					0	-0.79	-0.00043	PASS
					10	-1.59	-0.00086	PASS
					20	0.4	0.00022	PASS
					30	-13.99	-0.00753	PASS
					40	0.74	0.0004	PASS
					50	-0.69	-0.00037	PASS
			MCH	VN	-30	0.51	0.00027	PASS
					-20	0.17	0.00009	PASS
					-10	-4.32	-0.0023	PASS
					0	-0.26	-0.00014	PASS
					10	-0.84	-0.00045	PASS
					20	-1.87	-0.00099	PASS
					30	0.1	0.00005	PASS
					40	-7.18	-0.00382	PASS
					50	-3.16	-0.00168	PASS
			HCH	VN	-30	-0.43	-0.00023	PASS
					-20	-0.2	-0.00011	PASS
					-10	1.24	0.00065	PASS
					0	1.53	0.0008	PASS
					10	0.37	0.00019	PASS
					20	1.67	0.00088	PASS
					30	-0.36	-0.00019	PASS
					40	-0.76	-0.0004	PASS
					50	-0.72	-0.00038	PASS
		20	LCH	VN	-30	0.31	0.00017	PASS
					-20	0.63	0.00034	PASS
					-10	-0.23	-0.00012	PASS
					0	1.62	0.00087	PASS
					10	-12.25	-0.00659	PASS
					20	-29.37	-0.01579	PASS
					30	-118.9	-0.06392	PASS
					40	-1.19	-0.00064	PASS
					50	16.57	0.00891	PASS
			MCH	VN	-30	-0.27	-0.00014	PASS
					-20	-1.17	-0.00062	PASS
					-10	-1.19	-0.00063	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	2.25	0.0012	PASS
					10	0.57	0.0003	PASS
					20	-0.23	-0.00012	PASS
					30	1.13	0.0006	PASS
					40	1.36	0.00072	PASS
					50	-0.14	-0.00007	PASS
			HCH	VN	-30	-0.53	-0.00028	PASS
					-20	0.96	0.00051	PASS
					-10	0.93	0.00049	PASS
					0	0.04	0.00002	PASS
					10	-0.33	-0.00017	PASS
					20	-1.49	-0.00078	PASS
					30	-1.76	-0.00093	PASS
					40	0.92	0.00048	PASS
					50	0.73	0.00038	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	VN	-30	-0.2	-0.00024	PASS
					-20	-7.17	-0.00869	PASS
					-10	-19.07	-0.02312	PASS
					0	9.2	0.01116	PASS
					10	13.96	0.01693	PASS
					20	-43.27	-0.05247	PASS
					30	4.12	0.005	PASS
					40	3.93	0.00477	PASS
					50	3.43	0.00416	PASS
			MCH	VN	-30	6.94	0.0083	PASS
					-20	7.08	0.00846	PASS
					-10	-10.57	-0.01264	PASS
					0	2.02	0.00241	PASS
					10	4.69	0.00561	PASS
					20	3.81	0.00455	PASS
					30	3.43	0.0041	PASS
					40	0.1	0.00012	PASS
					50	11.06	0.01322	PASS
			HCH	VN	-30	-5.44	-0.00641	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-9.57	-0.01128	PASS
					-10	-4.52	-0.00533	PASS
					0	0.3	0.00035	PASS
					10	10.61	0.01251	PASS
					20	-7.87	-0.00928	PASS
					30	-6.47	-0.00763	PASS
					40	-3.3	-0.00389	PASS
					50	10.9	0.01285	PASS
		3	LCH	VN	-30	17.47	0.02116	PASS
					-20	-3.16	-0.00383	PASS
					-10	3.03	0.00367	PASS
					0	8.47	0.01026	PASS
					10	-2.12	-0.00257	PASS
					20	-0.3	-0.00036	PASS
					30	1.16	0.00141	PASS
					40	-0.16	-0.00019	PASS
					50	-0.07	-0.00008	PASS
			MCH	VN	-30	0.04	0.00005	PASS
					-20	4.29	0.00513	PASS
					-10	7.08	0.00846	PASS
					0	6.74	0.00806	PASS
					10	5.08	0.00607	PASS
					20	-1.3	-0.00155	PASS
					30	-0.97	-0.00116	PASS
					40	-2.07	-0.00247	PASS
					50	-0.29	-0.00035	PASS
			HCH	VN	-30	3.58	0.00422	PASS
					-20	3.76	0.00444	PASS
					-10	0.11	0.00013	PASS
					0	-0.47	-0.00055	PASS
					10	-0.11	-0.00013	PASS
					20	-5.76	-0.0068	PASS
					30	2.96	0.00349	PASS
					40	1.83	0.00216	PASS
					50	-2.89	-0.00341	PASS
		5	LCH	VN	-30	4.81	0.00582	PASS
					-20	1.54	0.00186	PASS
					-10	1.23	0.00149	PASS
					0	-1.66	-0.00201	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-0.49	-0.00059	PASS
					20	3.95	0.00478	PASS
					30	-0.69	-0.00083	PASS
					40	-352.86	-0.42693	PASS
					50	-0.14	-0.00017	PASS
			MCH	VN	-30	3.26	0.0039	PASS
					-20	4.75	0.00568	PASS
					-10	-0.14	-0.00017	PASS
					0	6.31	0.00754	PASS
					10	7.42	0.00887	PASS
					20	0.84	0.001	PASS
					30	1.34	0.0016	PASS
					40	4.29	0.00513	PASS
					50	-3.22	-0.00385	PASS
			HCH	VN	-30	0.77	0.00091	PASS
					-20	1.9	0.00224	PASS
					-10	3.79	0.00448	PASS
					0	4.41	0.00521	PASS
					10	-2.15	-0.00254	PASS
					20	0.21	0.00025	PASS
					30	-0.99	-0.00117	PASS
					40	-2.76	-0.00326	PASS
					50	-0.67	-0.00079	PASS
		10	LCH	VN	-30	-1.34	-0.00162	PASS
					-20	2.37	0.00286	PASS
					-10	1.67	0.00201	PASS
					0	-10.93	-0.01318	PASS
					10	-24.2	-0.02919	PASS
					20	-6.88	-0.0083	PASS
					30	11.69	0.0141	PASS
					40	4.06	0.0049	PASS
					50	-4.26	-0.00514	PASS
			MCH	VN	-30	-123	-0.14704	PASS
					-20	-73.81	-0.08824	PASS
					-10	30.91	0.03695	PASS
					0	-82.01	-0.09804	PASS
					10	-31.81	-0.03803	PASS
					20	95.39	0.11403	PASS
					30	-9.6	-0.01148	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-134.51	-0.1608	PASS
					50	-17.7	-0.02116	PASS
			HCH	VN	-30	0.59	0.0007	PASS
					-20	-2.36	-0.0028	PASS
					-10	-2.15	-0.00255	PASS
					0	-1.3	-0.00154	PASS
					10	-0.29	-0.00034	PASS
					20	-0.72	-0.00085	PASS
					30	-0.92	-0.00109	PASS
					40	-0.54	-0.00064	PASS
					50	-1.2	-0.00142	PASS
	LTE/TM2	1.4	LCH	VN	-30	-12.75	-0.01546	PASS
					-20	-16.95	-0.02055	PASS
					-10	21.09	0.02557	PASS
					0	5.46	0.00662	PASS
					10	-79.01	-0.0958	PASS
					20	-18.42	-0.02234	PASS
					30	11.67	0.01415	PASS
					40	5.44	0.0066	PASS
					50	-1.03	-0.00125	PASS
			MCH	VN	-30	9.61	0.01149	PASS
					-20	13.38	0.016	PASS
					-10	7.78	0.0093	PASS
					0	-3.08	-0.00368	PASS
					10	7.17	0.00857	PASS
					20	7.85	0.00938	PASS
					30	4.88	0.00583	PASS
					40	4.78	0.00571	PASS
					50	-9.73	-0.01163	PASS
			HCH	VN	-30	-8.98	-0.01059	PASS
					-20	13.03	0.01536	PASS
					-10	-6.78	-0.00799	PASS
					0	-12.43	-0.01465	PASS
					10	14.66	0.01728	PASS
					20	4.09	0.00482	PASS
					30	-1.36	-0.0016	PASS
					40	-6.17	-0.00727	PASS
					50	5.79	0.00683	PASS
		3	LCH	VN	-30	-6.54	-0.00792	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.07	-0.00008	PASS
					-10	-1.56	-0.00189	PASS
					0	1.86	0.00225	PASS
					10	-10.74	-0.01301	PASS
					20	13.1	0.01587	PASS
					30	8.18	0.00991	PASS
					40	6.01	0.00728	PASS
					50	1.33	0.00161	PASS
			MCH	VN	-30	-4.69	-0.00561	PASS
					-20	-4.08	-0.00488	PASS
					-10	10.24	0.01224	PASS
					0	2.16	0.00258	PASS
					10	-2.53	-0.00302	PASS
					20	2.42	0.00289	PASS
					30	0.6	0.00072	PASS
					40	-5.19	-0.0062	PASS
					50	-4.58	-0.00548	PASS
			HCH	VN	-30	7.11	0.00839	PASS
					-20	-2.03	-0.0024	PASS
					-10	-1.62	-0.00191	PASS
					0	1.24	0.00146	PASS
					10	-0.63	-0.00074	PASS
					20	-3.22	-0.0038	PASS
					30	0.47	0.00055	PASS
					40	6.87	0.00811	PASS
					50	-2.09	-0.00247	PASS
		5	LCH	VN	-30	8.73	0.01056	PASS
					-20	14.25	0.01724	PASS
					-10	0.73	0.00088	PASS
					0	0.46	0.00056	PASS
					10	-0.63	-0.00076	PASS
					20	-0.07	-0.00008	PASS
					30	-0.8	-0.00097	PASS
					40	-3.12	-0.00377	PASS
					50	0.92	0.00111	PASS
			MCH	VN	-30	-2.89	-0.00345	PASS
					-20	-2.02	-0.00241	PASS
					-10	-1.33	-0.00159	PASS
					0	-2.56	-0.00306	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	2.52	0.00301	PASS
					20	-2.62	-0.00313	PASS
					30	-2.22	-0.00265	PASS
					40	1.22	0.00146	PASS
					50	3.99	0.00477	PASS
			HCH	VN	-30	0.74	0.00087	PASS
					-20	-3.55	-0.00419	PASS
					-10	0.57	0.00067	PASS
					0	-2.06	-0.00243	PASS
					10	2.33	0.00275	PASS
					20	-0.72	-0.00085	PASS
					30	1.47	0.00174	PASS
					40	-2.45	-0.00289	PASS
					50	-2.19	-0.00259	PASS
		10	LCH	VN	-30	-1.76	-0.00212	PASS
					-20	-5.72	-0.0069	PASS
					-10	0.63	0.00076	PASS
					0	-1.72	-0.00207	PASS
					10	6.08	0.00733	PASS
					20	-1.89	-0.00228	PASS
					30	1.8	0.00217	PASS
					40	1.66	0.002	PASS
					50	-0.36	-0.00043	PASS
			MCH	VN	-30	-3.06	-0.00366	PASS
					-20	4.72	0.00564	PASS
					-10	4.39	0.00525	PASS
					0	2.9	0.00343	PASS
					10	3.81	0.0045	PASS
					20	-4.92	-0.00581	PASS
					30	-3.98	-0.0048	PASS
					40	0.94	0.00113	PASS
					50	-3.45	-0.00416	PASS
			HCH	VN	-30	3.91	0.00467	PASS
					-20	-4.68	-0.00559	PASS
					-10	7.77	0.00929	PASS
					0	-1.34	-0.00159	PASS
					10	-1.24	-0.00147	PASS
					20	-0.9	-0.00107	PASS
					30	0.29	0.00034	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.11	0.00013	PASS
					50	-1.79	-0.00217	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND7	LTE/TM1	5	LCH	VN	-30	0.36	0.00014	PASS
					-20	-0.62	-0.00025	PASS
					-10	1.73	0.00069	PASS
					0	-1.9	-0.00076	PASS
					10	-1.73	-0.00069	PASS
					20	-0.53	-0.00021	PASS
					30	-4.02	-0.00161	PASS
					40	0.89	0.00036	PASS
					50	-0.19	-0.00008	PASS
			MCH	VN	-30	0.33	0.00013	PASS
					-20	-2.53	-0.001	PASS
					-10	1.26	0.0005	PASS
					0	0.94	0.00037	PASS
					10	2.66	0.00105	PASS
					20	-0.43	-0.00017	PASS
					30	0.79	0.00031	PASS
					40	-0.09	-0.00004	PASS
					50	2.16	0.00085	PASS
			HCH	VN	-30	1.33	0.00052	PASS
					-20	2.57	0.001	PASS
					-10	-1.37	-0.00053	PASS
					0	0.82	0.00032	PASS
					10	-2.2	-0.00086	PASS
					20	-2.37	-0.00092	PASS
					30	1.26	0.00049	PASS
					40	0.97	0.00038	PASS
					50	0.03	0.00001	PASS
		10	LCH	VN	-30	-0.5	-0.0002	PASS
					-20	-2.22	-0.00089	PASS
					-10	-1.23	-0.00049	PASS
					0	-1.06	-0.00042	PASS
					10	-0.23	-0.00009	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	0.46	0.00018	PASS
					30	0.76	0.0003	PASS
					40	0.54	0.00022	PASS
					50	-0.69	-0.00028	PASS
			MCH	VN	-30	-2.8	-0.0011	PASS
					-20	-0.2	-0.00008	PASS
					-10	-0.26	-0.0001	PASS
					0	2.07	0.00082	PASS
					10	-2.17	-0.00086	PASS
					20	-1.33	-0.00052	PASS
					30	-0.83	-0.00033	PASS
					40	0.94	0.00037	PASS
					50	-5.21	-0.00206	PASS
			HCH	VN	-30	-0.43	-0.00017	PASS
					-20	2.32	0.0009	PASS
					-10	-0.51	-0.0002	PASS
					0	-0.06	-0.00002	PASS
					10	-1.65	-0.00064	PASS
					20	-0.24	-0.00009	PASS
					30	2.12	0.00083	PASS
					40	-0.87	-0.00034	PASS
					50	0.3	0.00012	PASS
		15	LCH	VN	-30	1.17	0.00047	PASS
					-20	-1.75	-0.0007	PASS
					-10	0.16	0.00006	PASS
					0	1.97	0.00079	PASS
					10	1.22	0.00049	PASS
					20	0.13	0.00005	PASS
					30	-1.76	-0.0007	PASS
					40	1.23	0.00049	PASS
					50	0.64	0.00026	PASS
			MCH	VN	-30	-0.54	-0.00021	PASS
					-20	-1.57	-0.00062	PASS
					-10	2.02	0.0008	PASS
					0	2.6	0.00103	PASS
					10	0.3	0.00012	PASS
					20	0.64	0.00025	PASS
					30	0.41	0.00016	PASS
					40	0.72	0.00028	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-0.31	-0.00012	PASS
			HCH	VN	-30	1.85	0.00072	PASS
					-20	0.51	0.0002	PASS
					-10	-1.87	-0.00073	PASS
					0	-1.57	-0.00061	PASS
					10	1.37	0.00053	PASS
					20	0.54	0.00021	PASS
					30	1.22	0.00048	PASS
					40	-0.73	-0.00028	PASS
					50	-0.1	-0.00004	PASS
		20	LCH	VN	-30	-0.51	-0.0002	PASS
					-20	-0.56	-0.00022	PASS
					-10	-0.94	-0.00037	PASS
					0	-0.92	-0.00037	PASS
					10	1.34	0.00053	PASS
					20	0.23	0.00009	PASS
					30	-1.37	-0.00055	PASS
					40	-0.64	-0.00025	PASS
					50	-0.21	-0.00008	PASS
			MCH	VN	-30	0.16	0.00006	PASS
					-20	-0.9	-0.00036	PASS
					-10	-2.03	-0.0008	PASS
					0	-0.89	-0.00035	PASS
					10	0.99	0.00039	PASS
					20	-0.73	-0.00029	PASS
					30	1	0.00039	PASS
					40	0.26	0.0001	PASS
					50	-0.33	-0.00013	PASS
			HCH	VN	-30	-0.16	-0.00006	PASS
					-20	-1.52	-0.00059	PASS
					-10	-0.7	-0.00027	PASS
					0	-0.84	-0.00033	PASS
					10	-0.16	-0.00006	PASS
					20	-1.54	-0.0006	PASS
					30	-0.36	-0.00014	PASS
					40	-2.3	-0.0009	PASS
					50	0.21	0.00008	PASS
	LTE/TM2	5	LCH	VN	-30	-1.7	-0.00068	PASS
					-20	2.9	0.00116	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	0.86	0.00034	PASS
					0	-0.82	-0.00033	PASS
					10	-1.29	-0.00052	PASS
					20	-2.85	-0.00114	PASS
					30	-0.8	-0.00032	PASS
					40	-0.11	-0.00004	PASS
					50	-0.96	-0.00038	PASS
			MCH	VN	-30	-3.83	-0.00151	PASS
					-20	-1.03	-0.00041	PASS
					-10	0.5	0.0002	PASS
					0	-0.11	-0.00004	PASS
					10	-0.44	-0.00017	PASS
					20	0.31	0.00012	PASS
					30	-2.22	-0.00088	PASS
					40	3.05	0.0012	PASS
					50	-3.98	-0.00157	PASS
			HCH	VN	-30	0.53	0.00021	PASS
					-20	-1.89	-0.00074	PASS
					-10	-0.57	-0.00022	PASS
					0	1.43	0.00056	PASS
					10	-2.3	-0.0009	PASS
					20	-0.6	-0.00023	PASS
					30	-3.08	-0.0012	PASS
					40	-0.4	-0.00016	PASS
					50	0.96	0.00037	PASS
		10	LCH	VN	-30	1.37	0.00055	PASS
					-20	1.89	0.00075	PASS
					-10	1.7	0.00068	PASS
					0	-3.19	-0.00127	PASS
					10	1.43	0.00057	PASS
					20	1.16	0.00046	PASS
					30	0.86	0.00034	PASS
					40	0.77	0.00031	PASS
					50	3.53	0.00141	PASS
			MCH	VN	-30	-2.45	-0.00097	PASS
					-20	0.5	0.0002	PASS
					-10	-2.85	-0.00112	PASS
					0	0.24	0.00009	PASS
					10	0.34	0.00013	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	1.93	0.00076	PASS
					30	-0.13	-0.00005	PASS
					40	1.47	0.00058	PASS
					50	-1.03	-0.00041	PASS
			HCH	VN	-30	0.63	0.00025	PASS
					-20	1.42	0.00055	PASS
					-10	-0.72	-0.00028	PASS
					0	-0.34	-0.00013	PASS
					10	4.03	0.00157	PASS
					20	-1.75	-0.00068	PASS
					30	2.53	0.00099	PASS
					40	3.02	0.00118	PASS
					50	-0.43	-0.00017	PASS
		15	LCH	VN	-30	0.37	0.00015	PASS
					-20	0.37	0.00015	PASS
					-10	-0.49	-0.0002	PASS
					0	0.09	0.00004	PASS
					10	-0.59	-0.00024	PASS
					20	1.75	0.0007	PASS
					30	-1.12	-0.00045	PASS
					40	1.44	0.00057	PASS
					50	-0.73	-0.00029	PASS
			MCH	VN	-30	-0.59	-0.00023	PASS
					-20	-2.32	-0.00092	PASS
					-10	-1.53	-0.0006	PASS
					0	0.4	0.00016	PASS
					10	-0.89	-0.00035	PASS
					20	-1.03	-0.00041	PASS
					30	0.3	0.00012	PASS
					40	-1	-0.00039	PASS
					50	1.76	0.00069	PASS
			HCH	VN	-30	0.24	0.00009	PASS
					-20	-1.19	-0.00046	PASS
					-10	-2.45	-0.00096	PASS
					0	-1.65	-0.00064	PASS
					10	-2.42	-0.00094	PASS
					20	0.87	0.00034	PASS
					30	0.86	0.00034	PASS
					40	0.47	0.00018	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-1.53	-0.0006	PASS
		20	LCH	VN	-30	-0.51	-0.0002	PASS
					-20	0.6	0.00024	PASS
					-10	-1.9	-0.00076	PASS
					0	-3.82	-0.00152	PASS
					10	-0.56	-0.00022	PASS
					20	-0.31	-0.00012	PASS
					30	0.5	0.0002	PASS
					40	0.1	0.00004	PASS
					50	0.47	0.00019	PASS
			MCH	VN	-30	0.21	0.00008	PASS
					-20	-0.49	-0.00019	PASS
					-10	2.1	0.00083	PASS
					0	-0.27	-0.00011	PASS
					10	-0.7	-0.00028	PASS
					20	-2.26	-0.00089	PASS
					30	-0.92	-0.00036	PASS
					40	-0.49	-0.0002	PASS
					50	-0.41	-0.00016	PASS
			HCH	VN	-30	-1.37	-0.00054	PASS
					-20	-0.26	-0.0001	PASS
					-10	-0.67	-0.00026	PASS
					0	-1.8	-0.0007	PASS
					10	-0.49	-0.00019	PASS
					20	0.33	0.00013	PASS
					30	1.34	0.00052	PASS
					40	-0.83	-0.00032	PASS
					50	-0.89	-0.00035	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	VN	-30	-13.9	-0.00813	PASS
					-20	6.12	0.00358	PASS
					-10	-0.97	-0.00057	PASS
					0	7.02	0.0041	PASS
					10	-3.13	-0.00183	PASS
					20	10.03	0.00586	PASS
					30	-9.2	-0.00538	PASS
					40	-3.46	-0.00202	PASS
					50	-7	-0.00409	PASS
			MCH	VN	-30	0.33	0.00019	PASS
					-20	-2.02	-0.00117	PASS
					-10	1.23	0.00071	PASS
					0	3.1	0.00179	PASS
					10	1.79	0.00103	PASS
					20	-0.82	-0.00047	PASS
					30	3.59	0.00207	PASS
					40	3.26	0.00188	PASS
					50	1.1	0.00063	PASS
			HCH	VN	-30	-11.56	-0.00659	PASS
					-20	-24.52	-0.01398	PASS
					-10	-15.81	-0.00901	PASS
					0	8.34	0.00475	PASS
					10	7.05	0.00402	PASS
					20	-9.7	-0.00553	PASS
					30	-10.3	-0.00587	PASS
					40	16.04	0.00914	PASS
					50	4.11	0.00234	PASS
		3	LCH	VN	-30	-0.06	-0.00004	PASS
					-20	1.39	0.00081	PASS
					-10	-4.88	-0.00285	PASS
					0	1.79	0.00105	PASS
					10	-0.43	-0.00025	PASS
					20	-0.66	-0.00039	PASS
					30	1.99	0.00116	PASS
					40	-5.66	-0.00331	PASS
					50	1.37	0.0008	PASS
			MCH	VN	-30	1.27	0.00073	PASS
					-20	0.14	0.00008	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	0.82	0.00047	PASS
					0	-3.05	-0.00176	PASS
					10	2.9	0.00167	PASS
					20	-1.32	-0.00076	PASS
					30	-2.2	-0.00127	PASS
					40	1.44	0.00083	PASS
					50	1.85	0.00107	PASS
			HCH	VN	-30	0.93	0.00053	PASS
					-20	1.97	0.00112	PASS
					-10	-0.33	-0.00019	PASS
					0	2.56	0.00146	PASS
					10	0.19	0.00011	PASS
					20	-3.22	-0.00184	PASS
					30	-0.3	-0.00017	PASS
					40	-0.43	-0.00025	PASS
					50	-2.59	-0.00148	PASS
		5	LCH	VN	-30	-0.69	-0.0004	PASS
					-20	0.17	0.0001	PASS
					-10	-2.66	-0.00155	PASS
					0	-0.73	-0.00043	PASS
					10	-2.2	-0.00128	PASS
					20	1.62	0.00095	PASS
					30	-0.83	-0.00048	PASS
					40	-3.48	-0.00203	PASS
					50	-2.09	-0.00122	PASS
			MCH	VN	-30	0.73	0.00042	PASS
					-20	1.83	0.00106	PASS
					-10	2.3	0.00133	PASS
					0	1.37	0.00079	PASS
					10	-1.34	-0.00077	PASS
					20	3.46	0.002	PASS
					30	0.7	0.0004	PASS
					40	0.51	0.00029	PASS
					50	3.3	0.0019	PASS
			HCH	VN	-30	-1.89	-0.00108	PASS
					-20	-2.85	-0.00163	PASS
					-10	-3.05	-0.00174	PASS
					0	0.06	0.00003	PASS
					10	-4.49	-0.00256	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	1.42	0.00081	PASS
					30	-1.06	-0.0006	PASS
					40	-0.77	-0.00044	PASS
					50	-4.38	-0.0025	PASS
		10	LCH	VN	-30	-3.48	-0.00203	PASS
					-20	-1.95	-0.00114	PASS
					-10	0.3	0.00017	PASS
					0	-3.18	-0.00185	PASS
					10	-2.55	-0.00149	PASS
					20	-0.49	-0.00029	PASS
					30	0.96	0.00056	PASS
					40	-0.54	-0.00031	PASS
					50	-1.52	-0.00089	PASS
			MCH	VN	-30	0.16	0.00009	PASS
					-20	1.65	0.00095	PASS
					-10	0.72	0.00042	PASS
					0	0.67	0.00039	PASS
					10	0.49	0.00028	PASS
					20	-2.2	-0.00127	PASS
					30	-2.02	-0.00117	PASS
					40	2.47	0.00143	PASS
					50	0.89	0.00051	PASS
			HCH	VN	-30	7	0.004	PASS
					-20	3.29	0.00188	PASS
					-10	4.79	0.00274	PASS
					0	4.84	0.00277	PASS
					10	3.45	0.00197	PASS
					20	8.03	0.00459	PASS
					30	5.97	0.00341	PASS
					40	4.53	0.00259	PASS
					50	3.48	0.00199	PASS
		15	LCH	VN	-30	-0.19	-0.00011	PASS
					-20	0.04	0.00002	PASS
					-10	-0.97	-0.00056	PASS
					0	0.11	0.00006	PASS
					10	-2.39	-0.00139	PASS
					20	-0.59	-0.00034	PASS
					30	-0.73	-0.00043	PASS
					40	-1.07	-0.00062	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	0.53	0.00031	PASS
			MCH	VN	-30	0.79	0.00046	PASS
					-20	1.67	0.00096	PASS
					-10	0.34	0.0002	PASS
					0	0	0	PASS
					10	-0.39	-0.00023	PASS
					20	0.54	0.00031	PASS
					30	0.69	0.0004	PASS
					40	1.34	0.00077	PASS
					50	1.66	0.00096	PASS
			HCH	VN	-30	0.43	0.00025	PASS
					-20	0.07	0.00004	PASS
					-10	-0.73	-0.00042	PASS
					0	0.79	0.00045	PASS
					10	-0.39	-0.00022	PASS
					20	0.29	0.00017	PASS
					30	0.62	0.00035	PASS
					40	-0.99	-0.00057	PASS
					50	-0.64	-0.00037	PASS
		20	LCH	VN	-30	-0.79	-0.00046	PASS
					-20	-0.7	-0.00041	PASS
					-10	0.4	0.00023	PASS
					0	0.63	0.00037	PASS
					10	-0.93	-0.00054	PASS
					20	-0.76	-0.00044	PASS
					30	0.46	0.00027	PASS
					40	1	0.00058	PASS
					50	0.46	0.00027	PASS
			MCH	VN	-30	-0.44	-0.00025	PASS
					-20	0.67	0.00039	PASS
					-10	1.53	0.00088	PASS
					0	-0.84	-0.00048	PASS
					10	0.11	0.00006	PASS
					20	-0.67	-0.00039	PASS
					30	0.17	0.0001	PASS
					40	0.74	0.00043	PASS
					50	-0.07	-0.00004	PASS
			HCH	VN	-30	-1.37	-0.00079	PASS
					-20	-0.64	-0.00037	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	0.29	0.00017	PASS
					0	-0.47	-0.00027	PASS
					10	-1.72	-0.00099	PASS
					20	-1.65	-0.00095	PASS
					30	-1.82	-0.00104	PASS
					40	-0.76	-0.00044	PASS
					50	-1.83	-0.00105	PASS
	LTE/TM2	1.4	LCH	VN	-30	0.83	0.00049	PASS
					-20	10.27	0.006	PASS
					-10	7.68	0.00449	PASS
					0	7.98	0.00466	PASS
					10	7.42	0.00434	PASS
					20	-5.16	-0.00302	PASS
					30	83.51	0.04882	PASS
					40	-3.19	-0.00186	PASS
					50	-4.29	-0.00251	PASS
			MCH	VN	-30	3.82	0.0022	PASS
					-20	-4.25	-0.00245	PASS
					-10	-0.62	-0.00036	PASS
					0	6.45	0.00372	PASS
					10	1.53	0.00088	PASS
					20	-0.72	-0.00042	PASS
					30	-0.73	-0.00042	PASS
					40	-2.35	-0.00136	PASS
					50	0.1	0.00006	PASS
			HCH	VN	-30	-4.38	-0.0025	PASS
					-20	-10.33	-0.00589	PASS
					-10	-3.45	-0.00197	PASS
					0	-3.82	-0.00218	PASS
					10	4.28	0.00244	PASS
					20	5.46	0.00311	PASS
					30	8.93	0.00509	PASS
					40	-9.98	-0.00569	PASS
					50	-7.51	-0.00428	PASS
		3	LCH	VN	-30	0.74	0.00043	PASS
					-20	0.83	0.00048	PASS
					-10	-5.21	-0.00304	PASS
					0	1.32	0.00077	PASS
					10	3.49	0.00204	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	3.49	0.00204	PASS
					30	1.85	0.00108	PASS
					40	-5.98	-0.00349	PASS
					50	1.16	0.00068	PASS
			MCH	VN	-30	1.89	0.00109	PASS
					-20	1.2	0.00069	PASS
					-10	1.03	0.00059	PASS
					0	3.28	0.00189	PASS
					10	1.17	0.00068	PASS
					20	-3.03	-0.00175	PASS
					30	3.49	0.00201	PASS
					40	1.02	0.00059	PASS
					50	-0.97	-0.00056	PASS
			HCH	VN	-30	1.69	0.00096	PASS
					-20	2.09	0.00119	PASS
					-10	-7.75	-0.00442	PASS
					0	1.6	0.00091	PASS
					10	6.12	0.00349	PASS
					20	0.2	0.00011	PASS
					30	-3.73	-0.00213	PASS
					40	-6.27	-0.00358	PASS
					50	-6.95	-0.00396	PASS
		5	LCH	VN	-30	-0.17	-0.0001	PASS
					-20	1.95	0.00114	PASS
					-10	0.14	0.00008	PASS
					0	-1.62	-0.00095	PASS
					10	1.69	0.00099	PASS
					20	-0.51	-0.0003	PASS
					30	-4.26	-0.00249	PASS
					40	-2.3	-0.00134	PASS
					50	-0.31	-0.00018	PASS
			MCH	VN	-30	0.13	0.00008	PASS
					-20	1.09	0.00063	PASS
					-10	-0.24	-0.00014	PASS
					0	0.17	0.0001	PASS
					10	-0.31	-0.00018	PASS
					20	-0.99	-0.00057	PASS
					30	0.27	0.00016	PASS
					40	1.03	0.00059	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	0.97	0.00056	PASS
			HCH	VN	-30	-4.76	-0.00272	PASS
					-20	-2.72	-0.00155	PASS
					-10	-1.23	-0.0007	PASS
					0	-4.15	-0.00237	PASS
					10	-1.29	-0.00074	PASS
					20	0.11	0.00006	PASS
					30	0.89	0.00051	PASS
					40	-2.59	-0.00148	PASS
					50	-3.52	-0.00201	PASS
		10	LCH	VN	-30	0.53	0.00031	PASS
					-20	-1.2	-0.0007	PASS
					-10	0.73	0.00043	PASS
					0	-0.31	-0.00018	PASS
					10	1.59	0.00093	PASS
					20	-0.06	-0.00003	PASS
					30	-1.8	-0.00105	PASS
					40	-1.59	-0.00093	PASS
					50	-0.72	-0.00042	PASS
			MCH	VN	-30	-0.19	-0.00011	PASS
					-20	-1.12	-0.00065	PASS
					-10	1.99	0.00115	PASS
					0	0.51	0.00029	PASS
					10	3.91	0.00226	PASS
					20	1.14	0.00066	PASS
					30	0.46	0.00027	PASS
					40	0.86	0.0005	PASS
					50	0.56	0.00032	PASS
			HCH	VN	-30	2.03	0.00116	PASS
					-20	1.34	0.00077	PASS
					-10	1.65	0.00094	PASS
					0	3.15	0.0018	PASS
					10	3	0.00171	PASS
					20	-1.52	-0.00087	PASS
					30	2	0.00114	PASS
					40	4.85	0.00277	PASS
					50	2.82	0.00161	PASS
		15	LCH	VN	-30	-0.73	-0.00043	PASS
					-20	-0.19	-0.00011	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	1.49	0.00087	PASS
					0	-1.32	-0.00077	PASS
					10	0.86	0.0005	PASS
					20	-0.16	-0.00009	PASS
					30	0.83	0.00048	PASS
					40	0.31	0.00018	PASS
					50	0.44	0.00026	PASS
			MCH	VN	-30	-0.31	-0.00018	PASS
					-20	1.96	0.00113	PASS
					-10	-0.77	-0.00044	PASS
					0	1.1	0.00063	PASS
					10	1.66	0.00096	PASS
					20	-0.27	-0.00016	PASS
					30	-0.84	-0.00048	PASS
					40	2.02	0.00117	PASS
					50	-0.06	-0.00003	PASS
			HCH	VN	-30	1.46	0.00084	PASS
					-20	0.51	0.00029	PASS
					-10	0.26	0.00015	PASS
					0	0.51	0.00029	PASS
					10	2.9	0.00166	PASS
					20	0.49	0.00028	PASS
					30	1.32	0.00076	PASS
					40	1.04	0.0006	PASS
					50	1.39	0.0008	PASS
		20	LCH	VN	-30	-2.83	-0.00165	PASS
					-20	-1.82	-0.00106	PASS
					-10	-3.1	-0.0018	PASS
					0	-1.57	-0.00091	PASS
					10	-1.54	-0.0009	PASS
					20	-2.35	-0.00137	PASS
					30	-2.17	-0.00126	PASS
					40	-1	-0.00058	PASS
					50	-0.56	-0.00033	PASS
			MCH	VN	-30	-1.14	-0.00066	PASS
					-20	-1.16	-0.00067	PASS
					-10	0.03	0.00002	PASS
					0	0.69	0.0004	PASS
					10	-1.53	-0.00088	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-0.11	-0.00006	PASS
					30	0.03	0.00002	PASS
					40	-0.07	-0.00004	PASS
					50	-1.12	-0.00065	PASS
			HCH	VN	-30	-1.76	-0.00101	PASS
					-20	-1.63	-0.00093	PASS
					-10	-2.36	-0.00135	PASS
					0	-2.95	-0.00169	PASS
					10	-1.97	-0.00113	PASS
					20	-0.6	-0.00034	PASS
					30	-1.27	-0.00073	PASS
					40	-2.59	-0.00148	PASS
					50	-1.97	-0.00113	PASS
BAND12	LTE/TM1	1.4	LCH	VN	-30	-0.41	-0.00059	PASS
					-20	2.78	0.00397	PASS
					-10	3.88	0.00555	PASS
					0	-9.94	-0.01421	PASS
					10	15.26	0.02181	PASS
					20	-4.19	-0.00599	PASS
					30	-8.43	-0.01205	PASS
					40	-12.87	-0.01839	PASS
					50	11.83	0.01691	PASS
			MCH	VN	-30	-7.82	-0.01105	PASS
					-20	-0.14	-0.0002	PASS
					-10	-6.48	-0.00916	PASS
					0	-11.66	-0.01648	PASS
					10	8	0.01131	PASS
					20	1.92	0.00271	PASS
					30	9.86	0.01394	PASS
					40	6.21	0.00878	PASS
					50	-6.61	-0.00934	PASS
			HCH	VN	-30	1.46	0.00204	PASS
					-20	-0.4	-0.00056	PASS
					-10	3.85	0.00538	PASS
					0	-5.76	-0.00805	PASS
					10	2.45	0.00343	PASS
					20	8.4	0.01174	PASS
					30	10.39	0.01453	PASS
					40	2.88	0.00403	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	9.68	0.01353	PASS
		3	LCH	VN	-30	1.9	0.00271	PASS
					-20	-4.29	-0.00612	PASS
					-10	-4.45	-0.00635	PASS
					0	4.48	0.0064	PASS
					10	1.76	0.00251	PASS
					20	4.58	0.00654	PASS
					30	4.16	0.00594	PASS
					40	-1.66	-0.00237	PASS
					50	10.2	0.01456	PASS
			MCH	VN	-30	1	0.00141	PASS
					-20	-3.29	-0.00465	PASS
					-10	-0.44	-0.00062	PASS
					0	-6.47	-0.00914	PASS
					10	-4.03	-0.0057	PASS
					20	-3.49	-0.00493	PASS
					30	-1.95	-0.00276	PASS
					40	-0.43	-0.00061	PASS
					50	3.18	0.00449	PASS
			HCH	VN	-30	3.95	0.00553	PASS
					-20	-0.21	-0.00029	PASS
					-10	1.97	0.00276	PASS
					0	1.3	0.00182	PASS
					10	3.22	0.00451	PASS
					20	-3.93	-0.0055	PASS
					30	-0.63	-0.00088	PASS
					40	2.39	0.00334	PASS
					50	4.71	0.00659	PASS
		5	LCH	VN	-30	3.09	0.0044	PASS
					-20	0.7	0.001	PASS
					-10	-6.38	-0.00909	PASS
					0	4.01	0.00572	PASS
					10	0.29	0.00041	PASS
					20	1.02	0.00145	PASS
					30	2.82	0.00402	PASS
					40	-0.41	-0.00058	PASS
					50	-1.65	-0.00235	PASS
			MCH	VN	-30	-3.91	-0.00553	PASS
					-20	4.89	0.00691	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	2.9	0.0041	PASS
					0	4.63	0.00654	PASS
					10	1.49	0.00211	PASS
					20	-1.12	-0.00158	PASS
					30	-4.22	-0.00596	PASS
					40	0.66	0.00093	PASS
					50	1.9	0.00269	PASS
			HCH	VN	-30	1.95	0.00273	PASS
					-20	1.34	0.00188	PASS
					-10	-3.26	-0.00457	PASS
					0	0.96	0.00135	PASS
					10	2.99	0.00419	PASS
					20	-2.4	-0.00336	PASS
					30	4.42	0.00619	PASS
					40	-4.21	-0.0059	PASS
					50	7.97	0.01117	PASS
		10	LCH	VN	-30	2.68	0.00381	PASS
					-20	-0.21	-0.0003	PASS
					-10	-1.72	-0.00244	PASS
					0	0.69	0.00098	PASS
					10	2.7	0.00384	PASS
					20	-0.19	-0.00027	PASS
					30	-2.96	-0.0042	PASS
					40	1.5	0.00213	PASS
					50	2.52	0.00358	PASS
			MCH	VN	-30	2.33	0.00329	PASS
					-20	1.69	0.00239	PASS
					-10	-3.86	-0.00546	PASS
					0	0.44	0.00062	PASS
					10	1.59	0.00225	PASS
					20	-1.33	-0.00188	PASS
					30	1.8	0.00254	PASS
					40	-1.33	-0.00188	PASS
					50	-0.37	-0.00052	PASS
			HCH	VN	-30	0.6	0.00084	PASS
					-20	0.41	0.00058	PASS
					-10	-0.73	-0.00103	PASS
					0	-0.19	-0.00027	PASS
					10	0	0	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	0.44	0.00062	PASS
					30	0.34	0.00048	PASS
					40	-1.96	-0.00276	PASS
					50	-0.3	-0.00042	PASS
	LTE/TM2	1.4	LCH	VN	-30	-6.18	-0.00883	PASS
					-20	0.17	0.00024	PASS
					-10	-5.39	-0.0077	PASS
					0	-5.54	-0.00792	PASS
					10	-7.3	-0.01043	PASS
					20	-2.59	-0.0037	PASS
					30	6.84	0.00978	PASS
					40	3.15	0.0045	PASS
					50	-8.4	-0.01201	PASS
			MCH	VN	-30	-4.19	-0.00592	PASS
					-20	-0.13	-0.00018	PASS
					-10	5.29	0.00748	PASS
					0	-4.11	-0.00581	PASS
					10	7.58	0.01071	PASS
					20	3.25	0.00459	PASS
					30	-5.05	-0.00714	PASS
					40	10.01	0.01415	PASS
					50	-1.56	-0.0022	PASS
			HCH	VN	-30	4.02	0.00562	PASS
					-20	-9.97	-0.01394	PASS
					-10	1.4	0.00196	PASS
					0	1.89	0.00264	PASS
					10	-9.41	-0.01316	PASS
					20	3.15	0.0044	PASS
					30	-7.15	-0.01	PASS
					40	-2.89	-0.00404	PASS
					50	-1.82	-0.00254	PASS
		3	LCH	VN	-30	-7.93	-0.01132	PASS
					-20	2.73	0.0039	PASS
					-10	-6.52	-0.00931	PASS
					0	2.9	0.00414	PASS
					10	4.75	0.00678	PASS
					20	-0.47	-0.00067	PASS
					30	-3.99	-0.0057	PASS
					40	-8.25	-0.01178	PASS

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