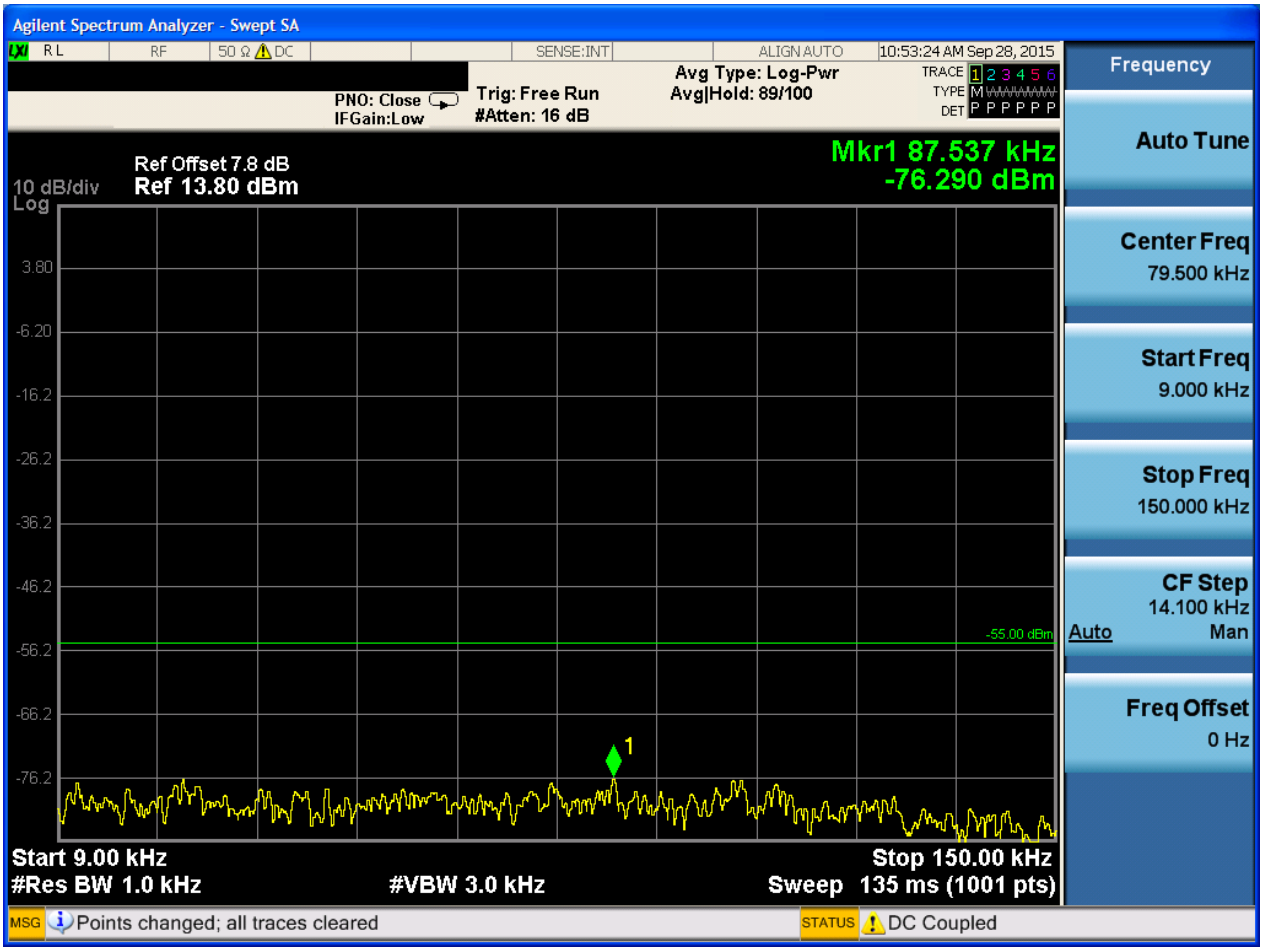
6.1.3.2 Test Mode = LTE/TM2

6.1.3.2.1 Test Bandwidth = 5

6.1.3.2.1.1 Test Channel = LCH

6.1.3.2.1.1.1 Test RB = RB1#0



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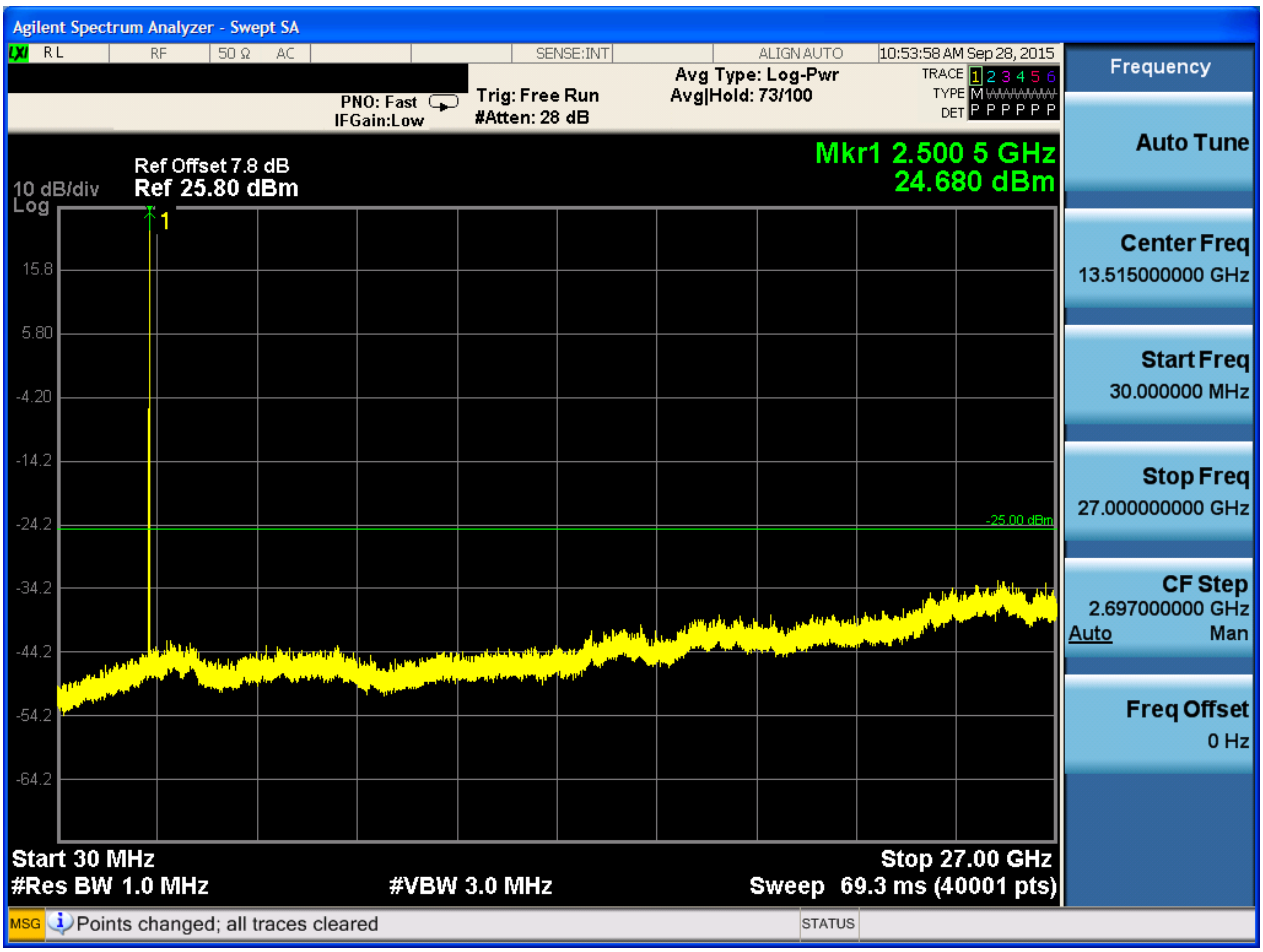

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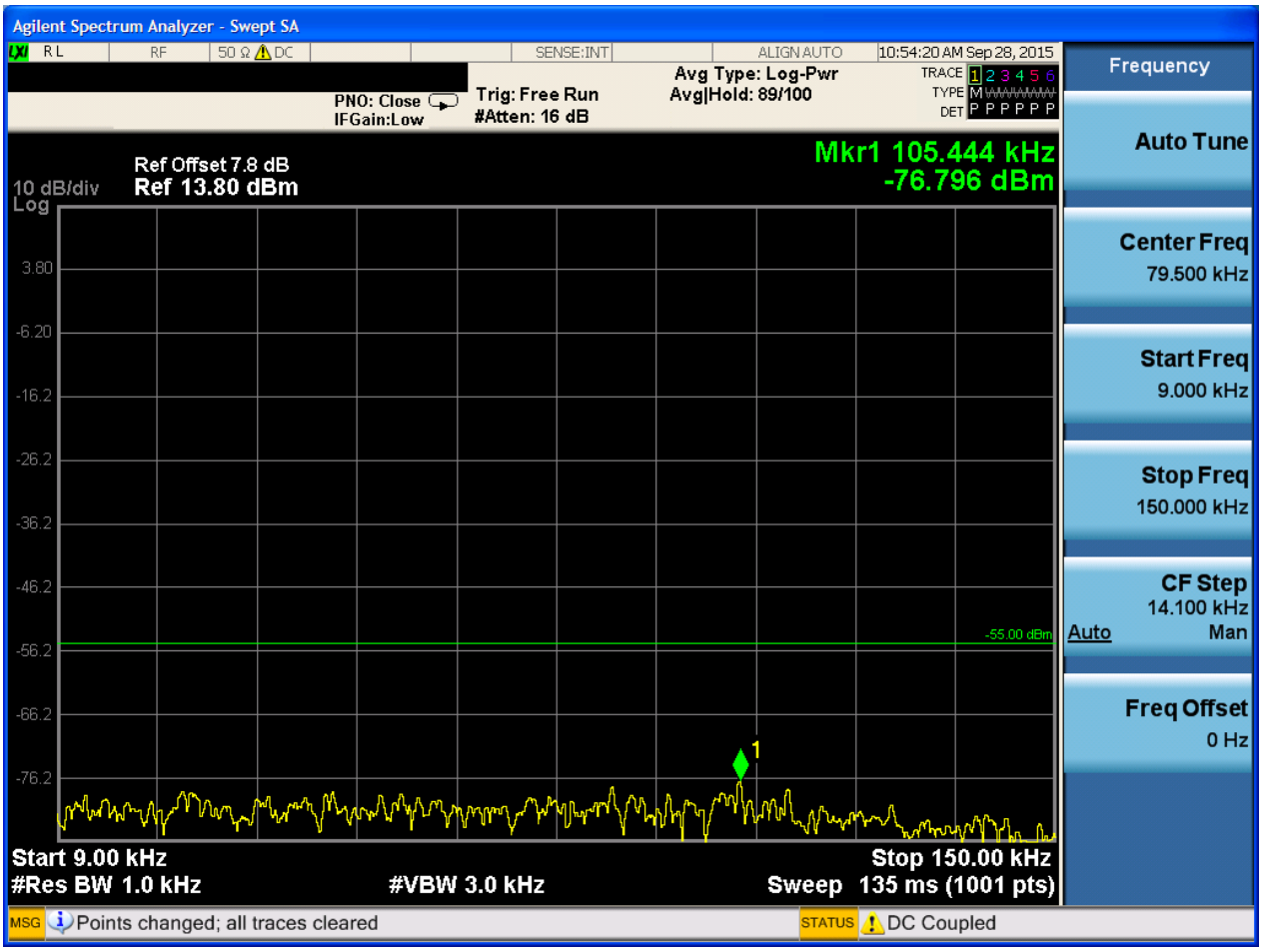
6.1.3.2.1.2 Test Channel = MCH

6.1.3.2.1.2.1 Test RB = RB1#0



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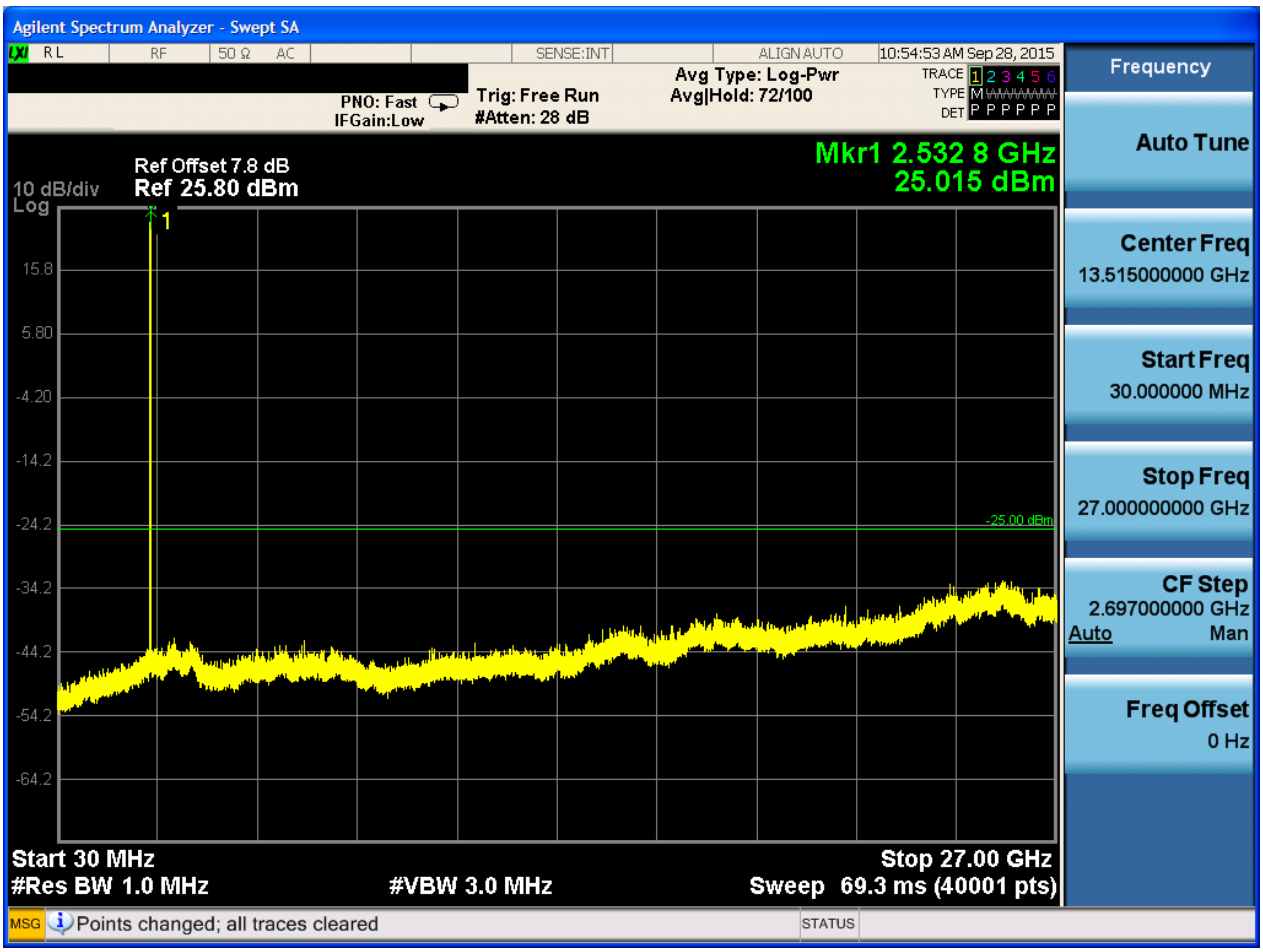

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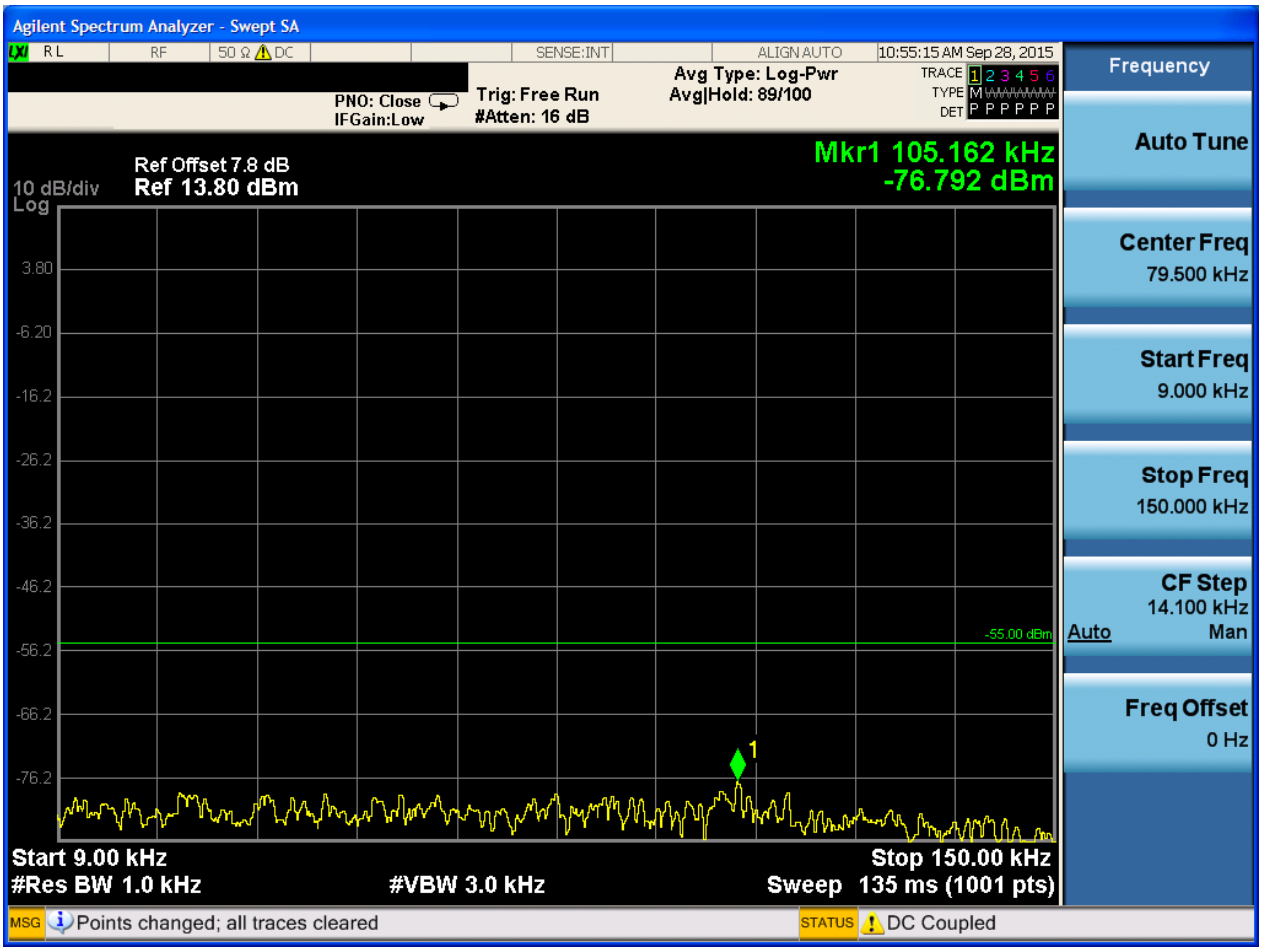
6.1.3.2.1.3 Test Channel = HCH

6.1.3.2.1.3.1 Test RB = RB1#0



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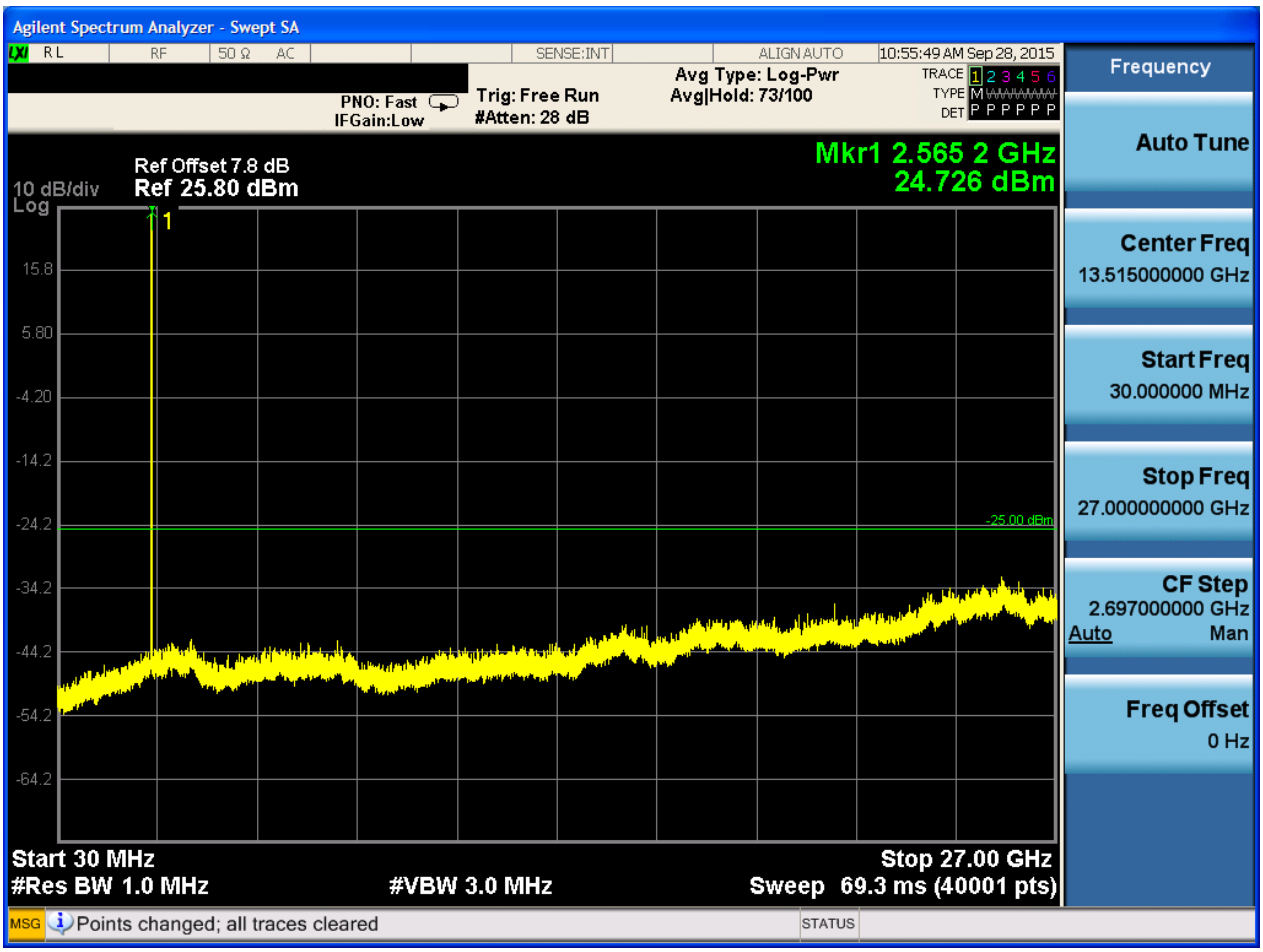

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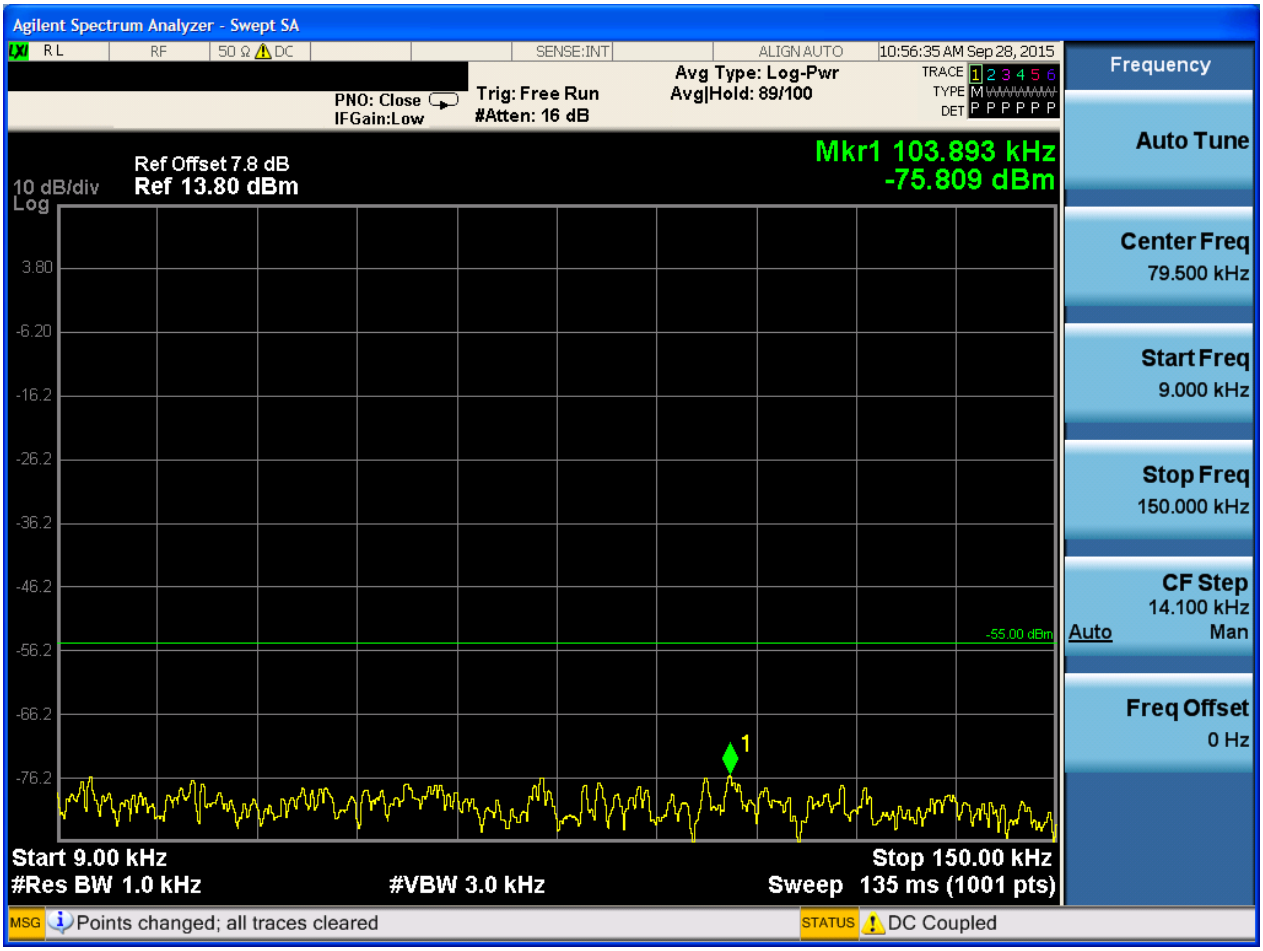
6.1.3.2.2 Test Bandwidth = 10

6.1.3.2.2.1 Test Channel = LCH

6.1.3.2.2.1.1 Test RB = RB1#0



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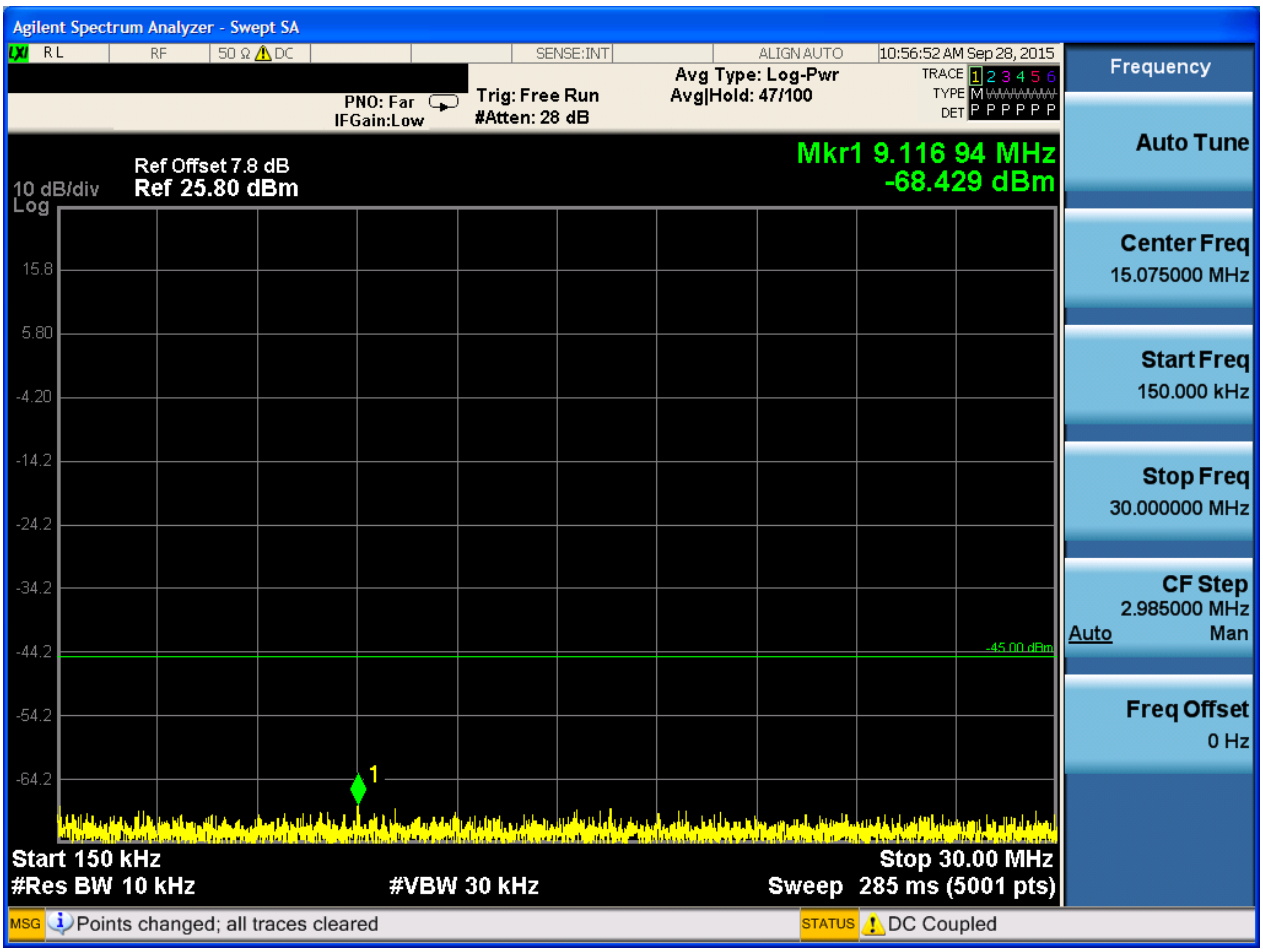

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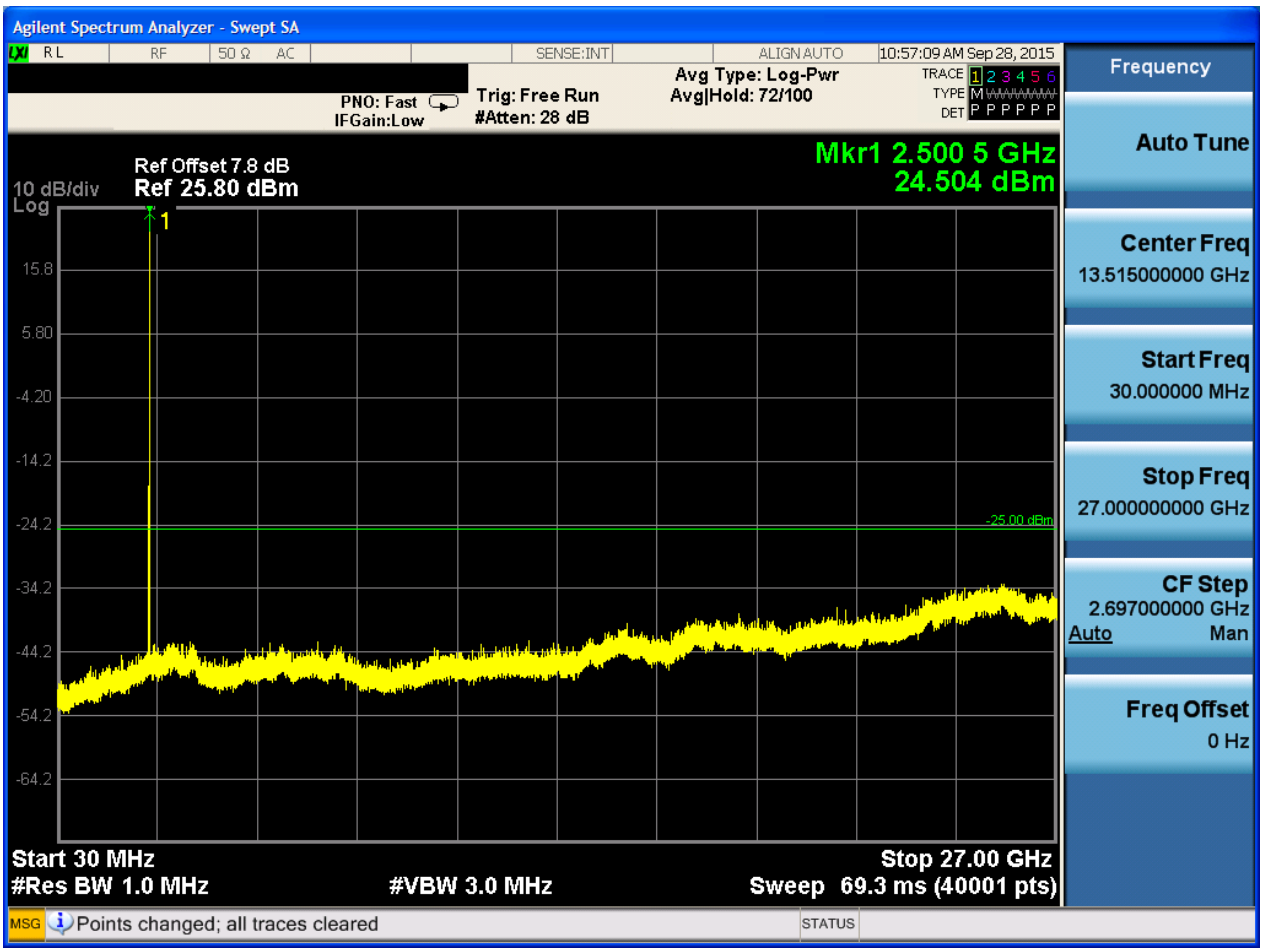

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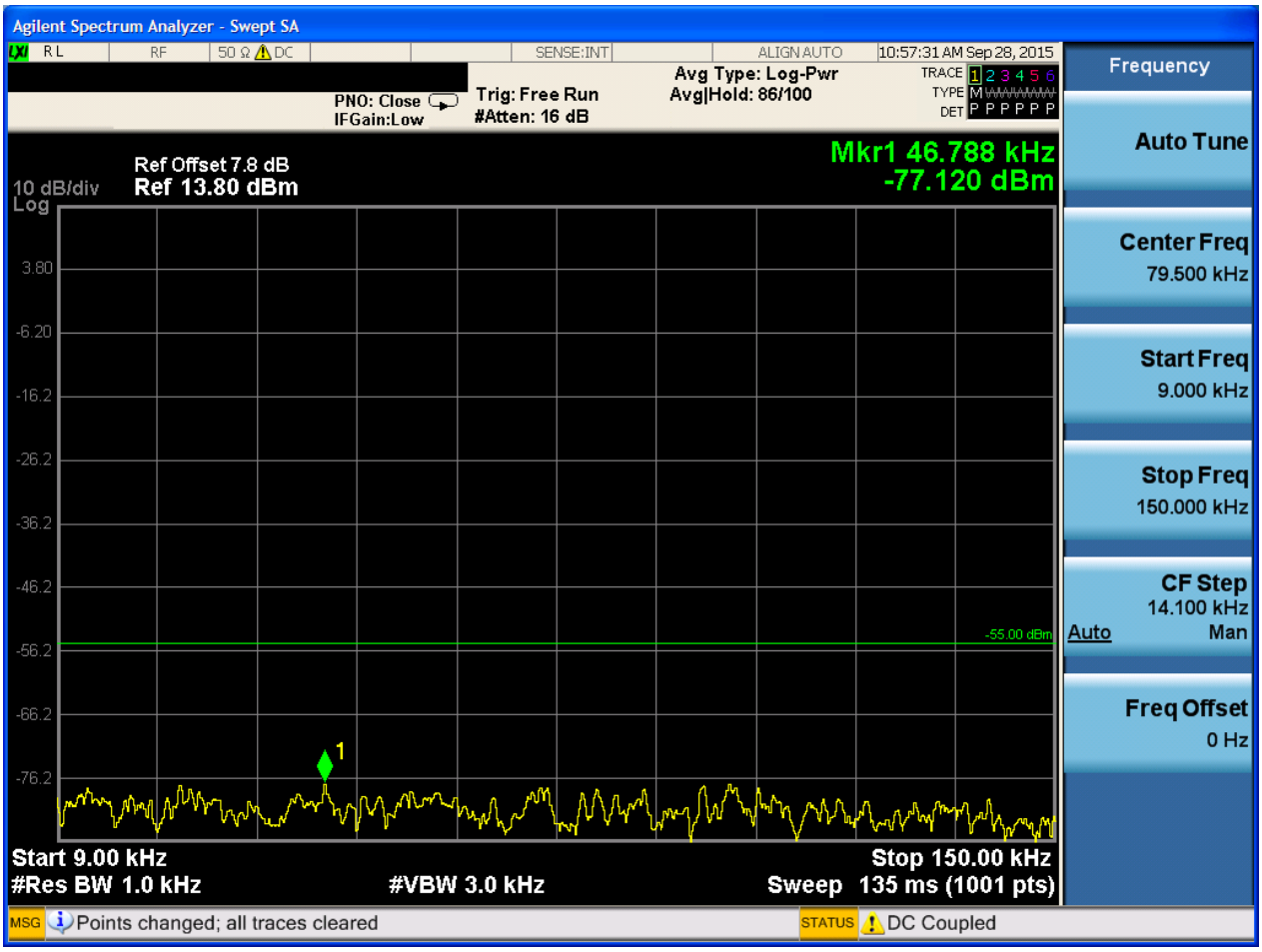
6.1.3.2.2.2 Test Channel = MCH

6.1.3.2.2.2.1 Test RB = RB1#0



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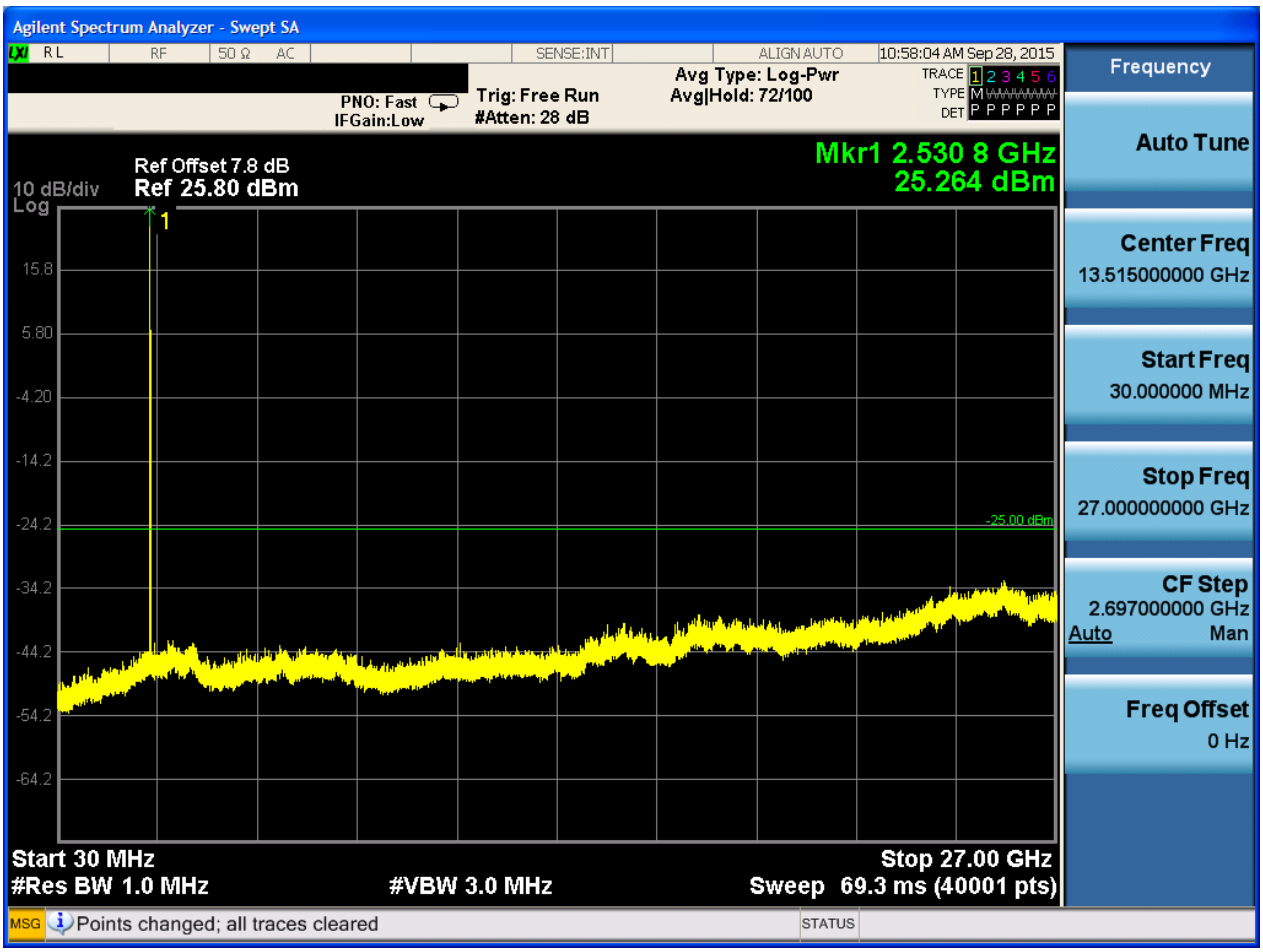

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6.1.3.2.2.3 Test Channel = HCH

6.1.3.2.2.3.1 Test RB = RB1#0

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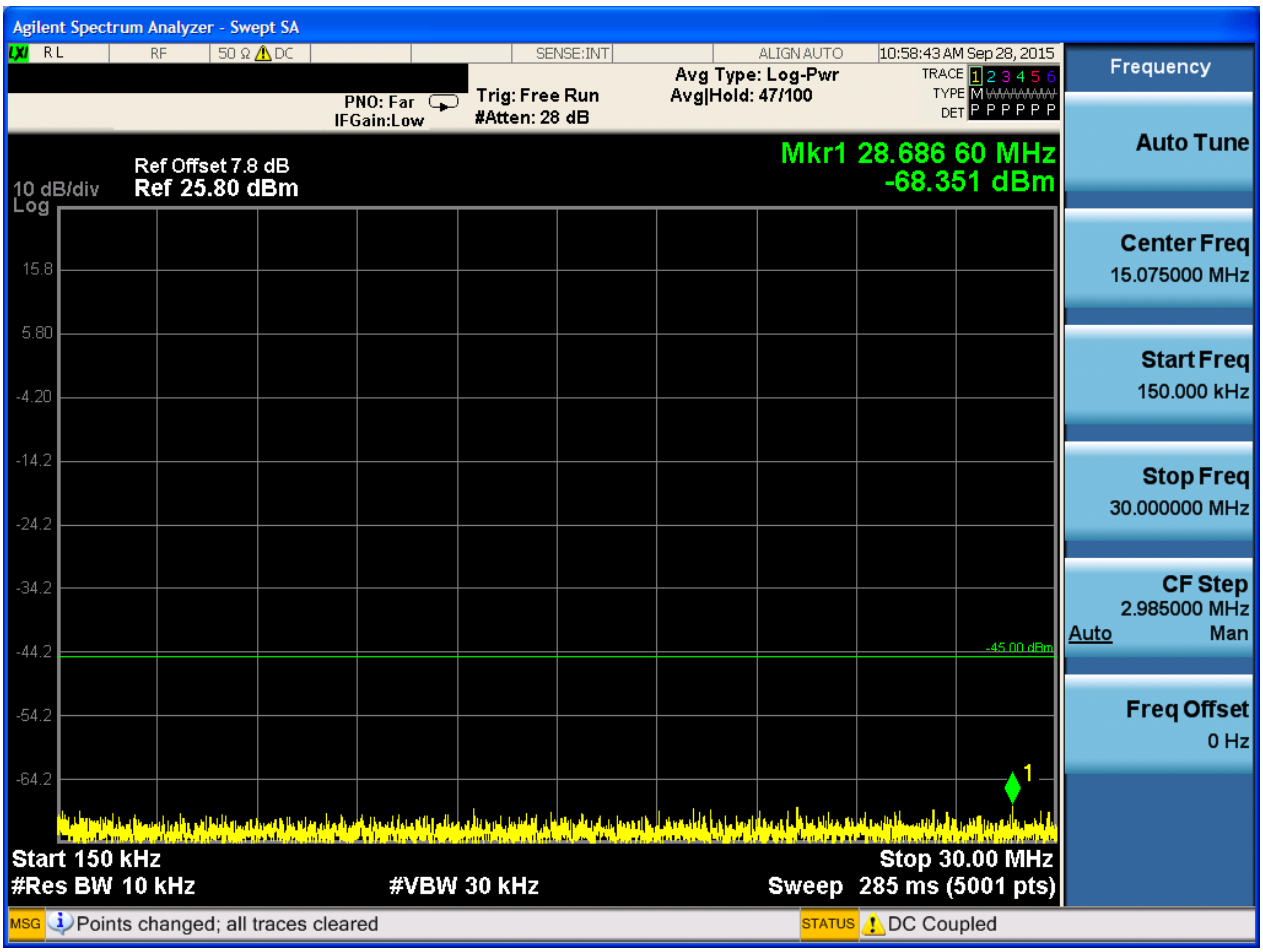

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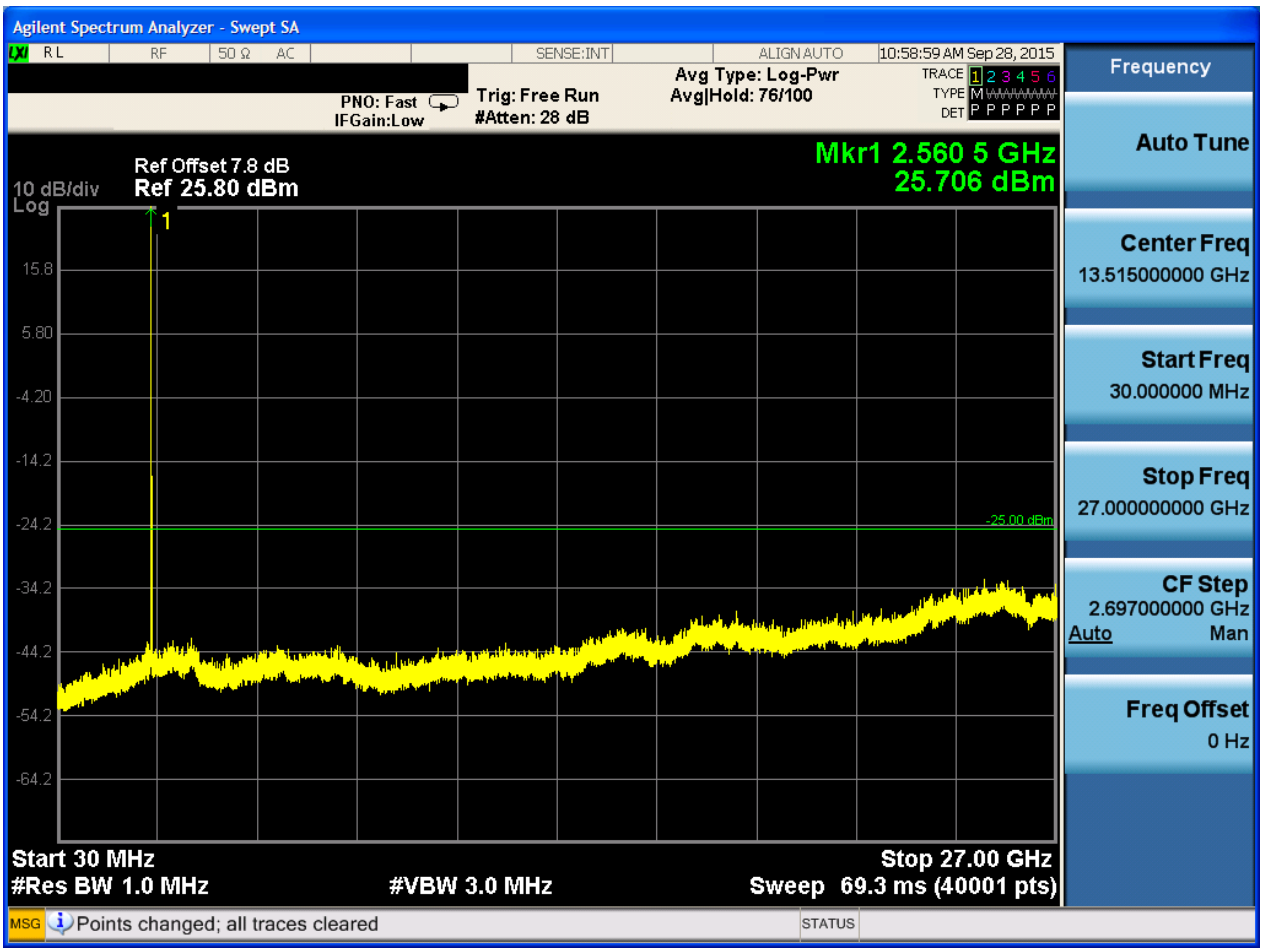

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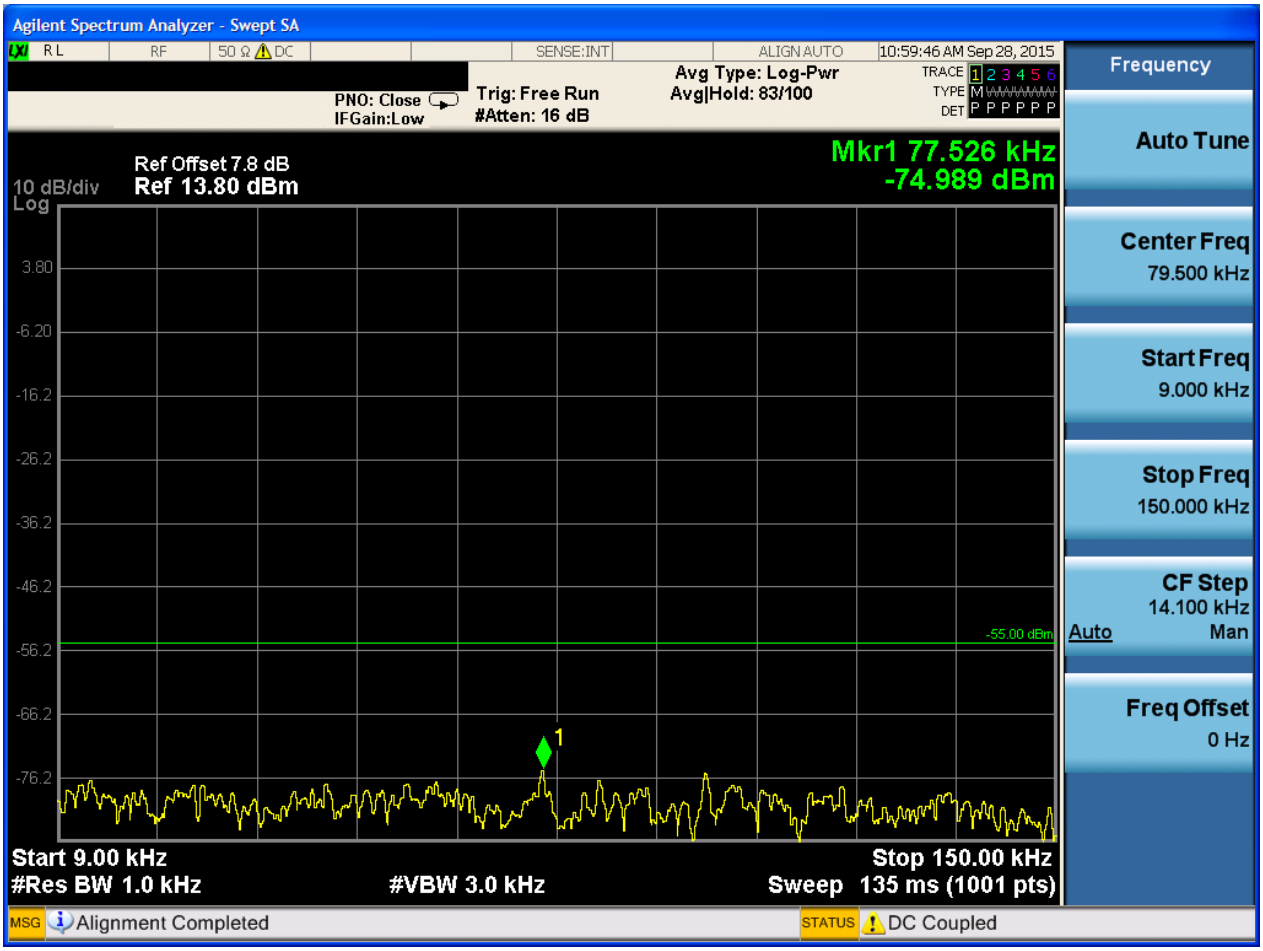
6.1.3.2.3 Test Bandwidth = 15

6.1.3.2.3.1 Test Channel = LCH

6.1.3.2.3.1.1 Test RB = RB1#0



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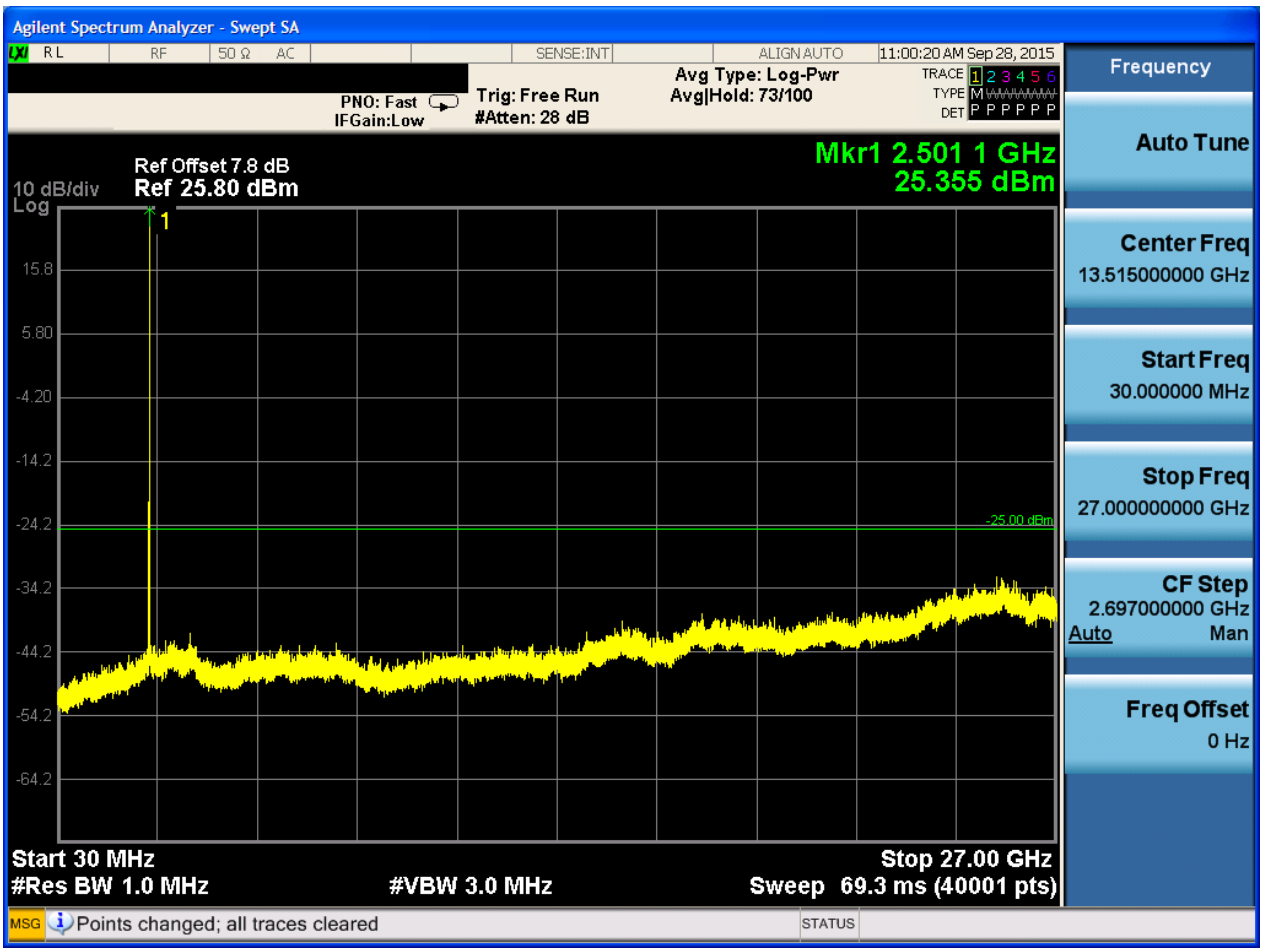

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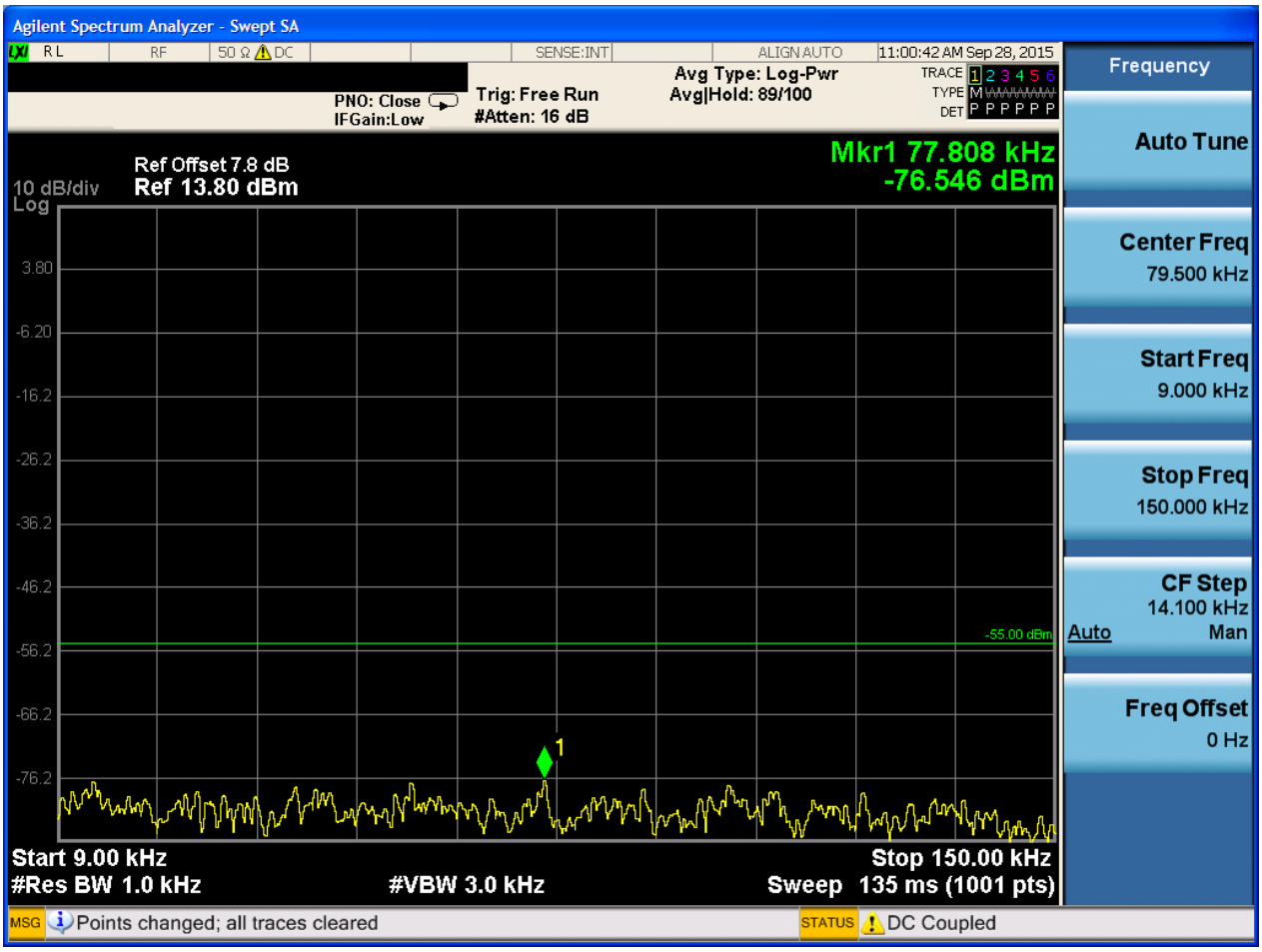
6.1.3.2.3.2 Test Channel = MCH

6.1.3.2.3.2.1 Test RB = RB1#0



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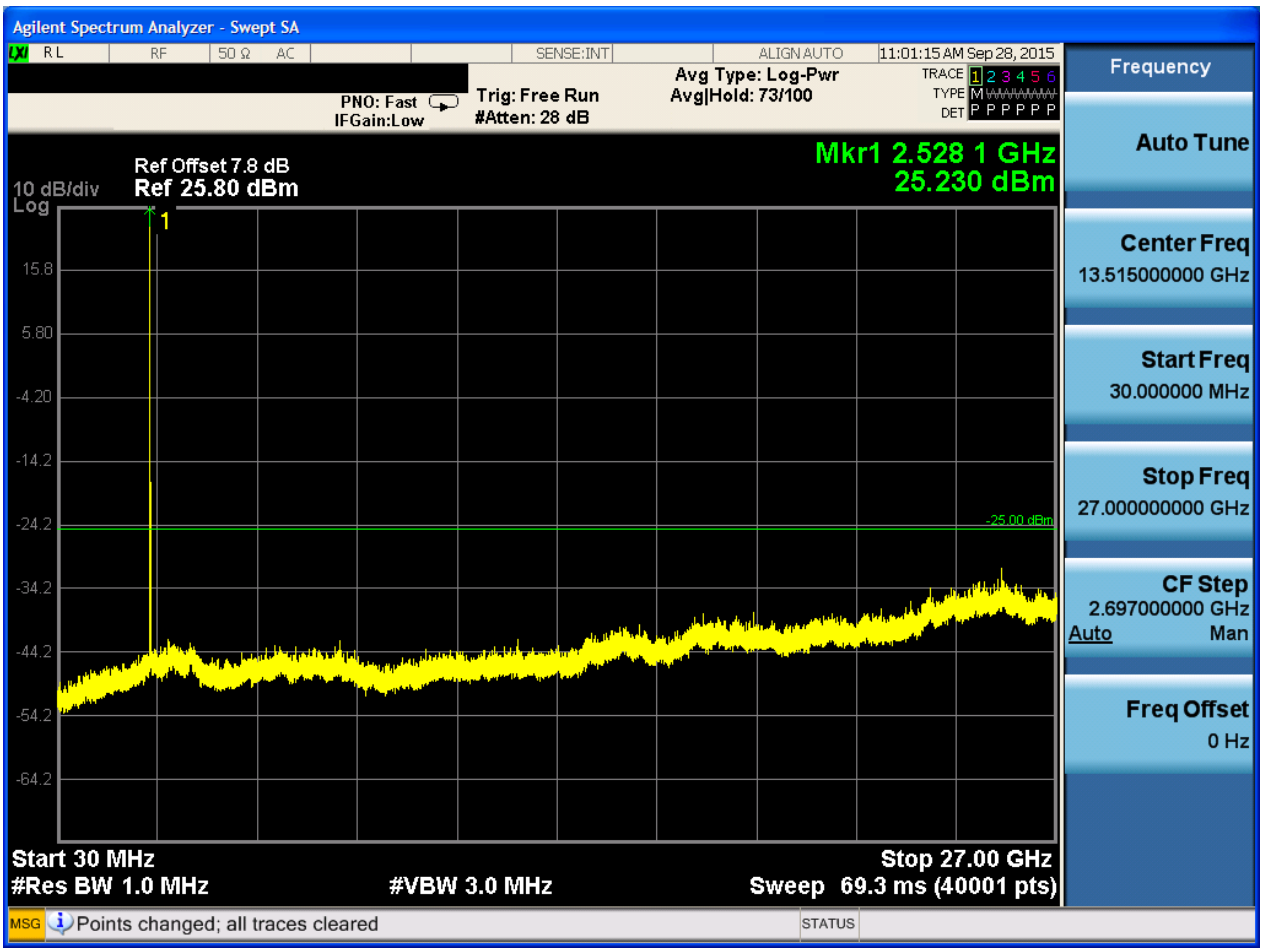

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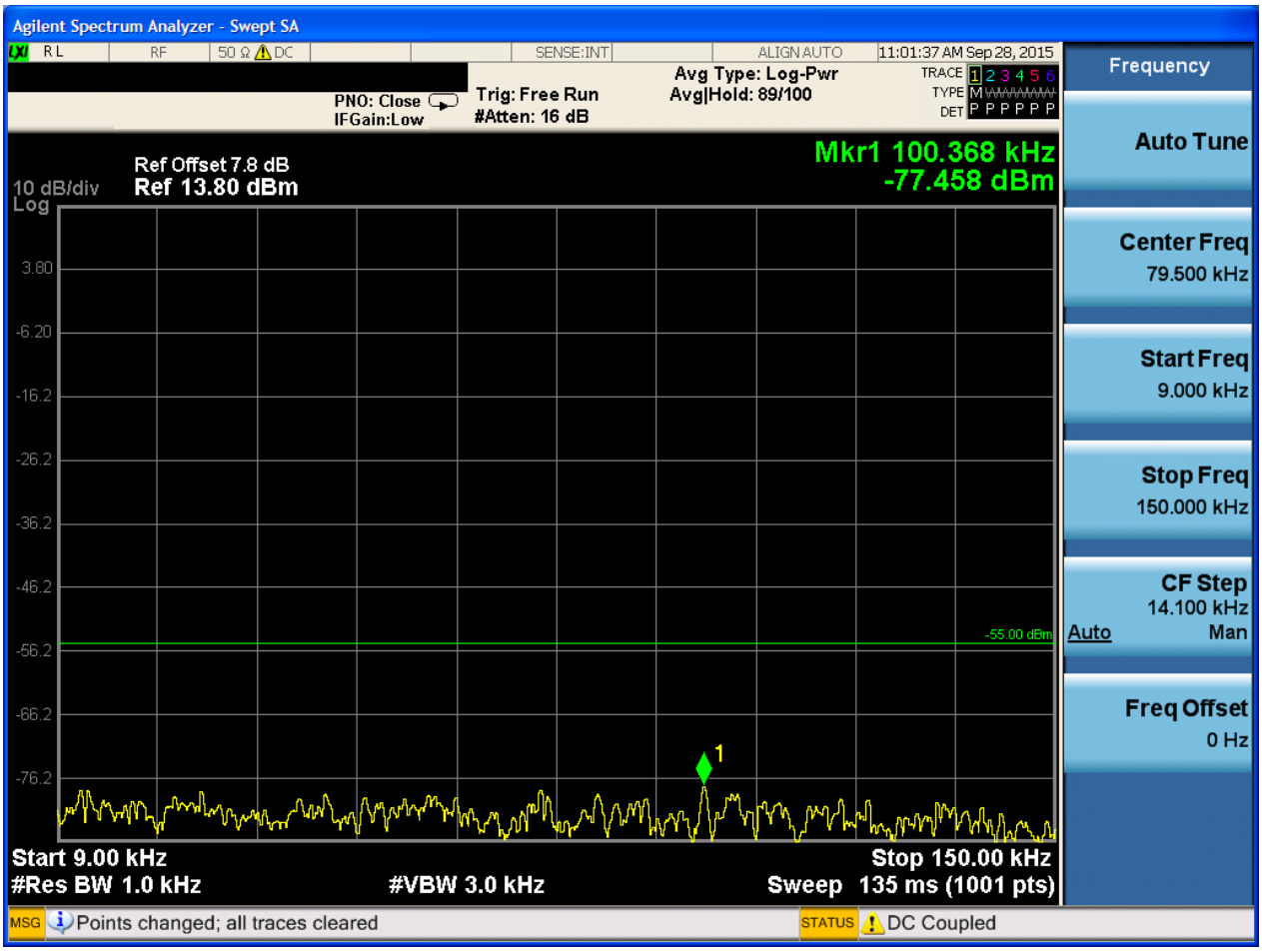
6.1.3.2.3.3 Test Channel = HCH

6.1.3.2.3.3.1 Test RB = RB1#0



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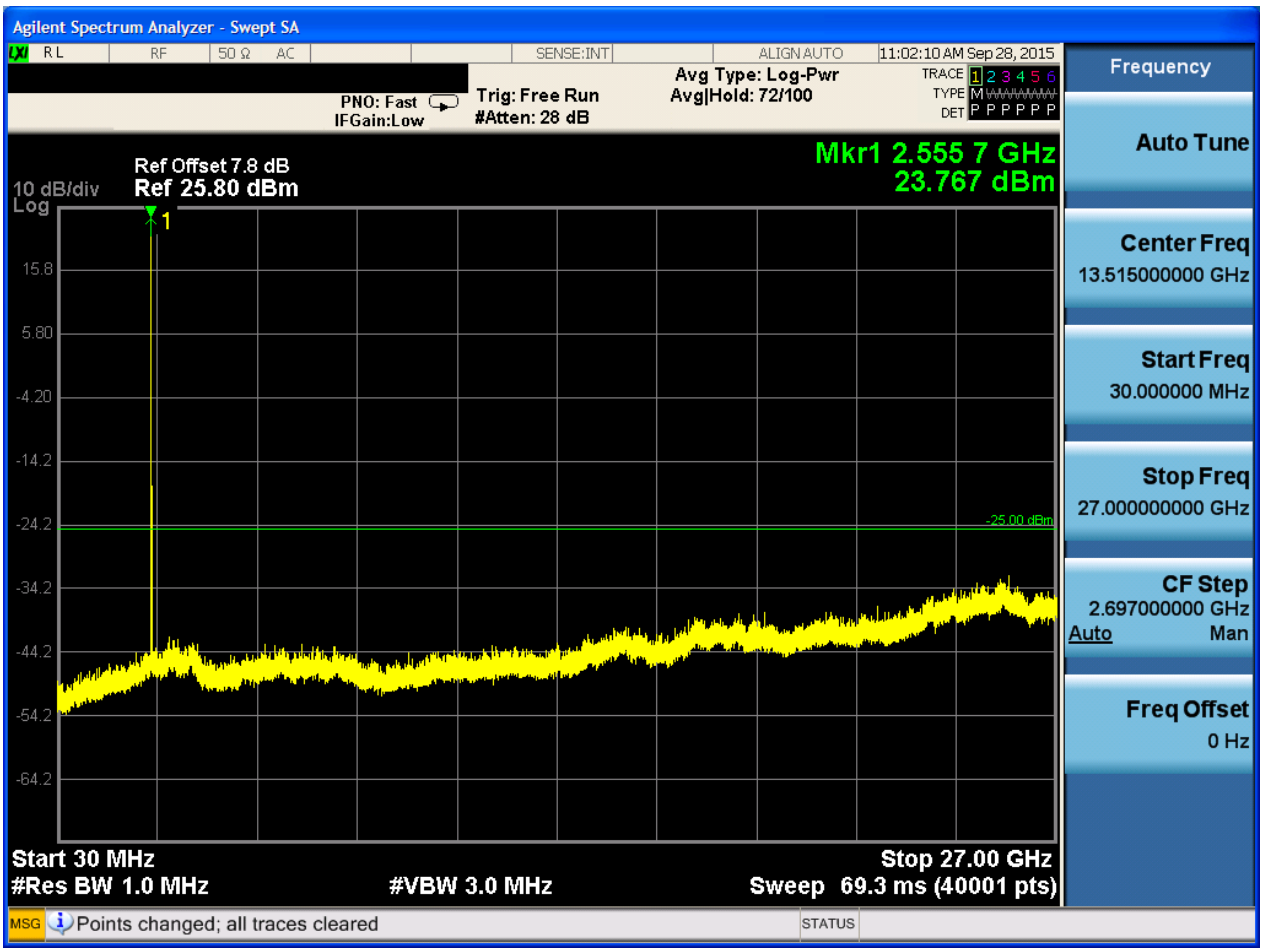

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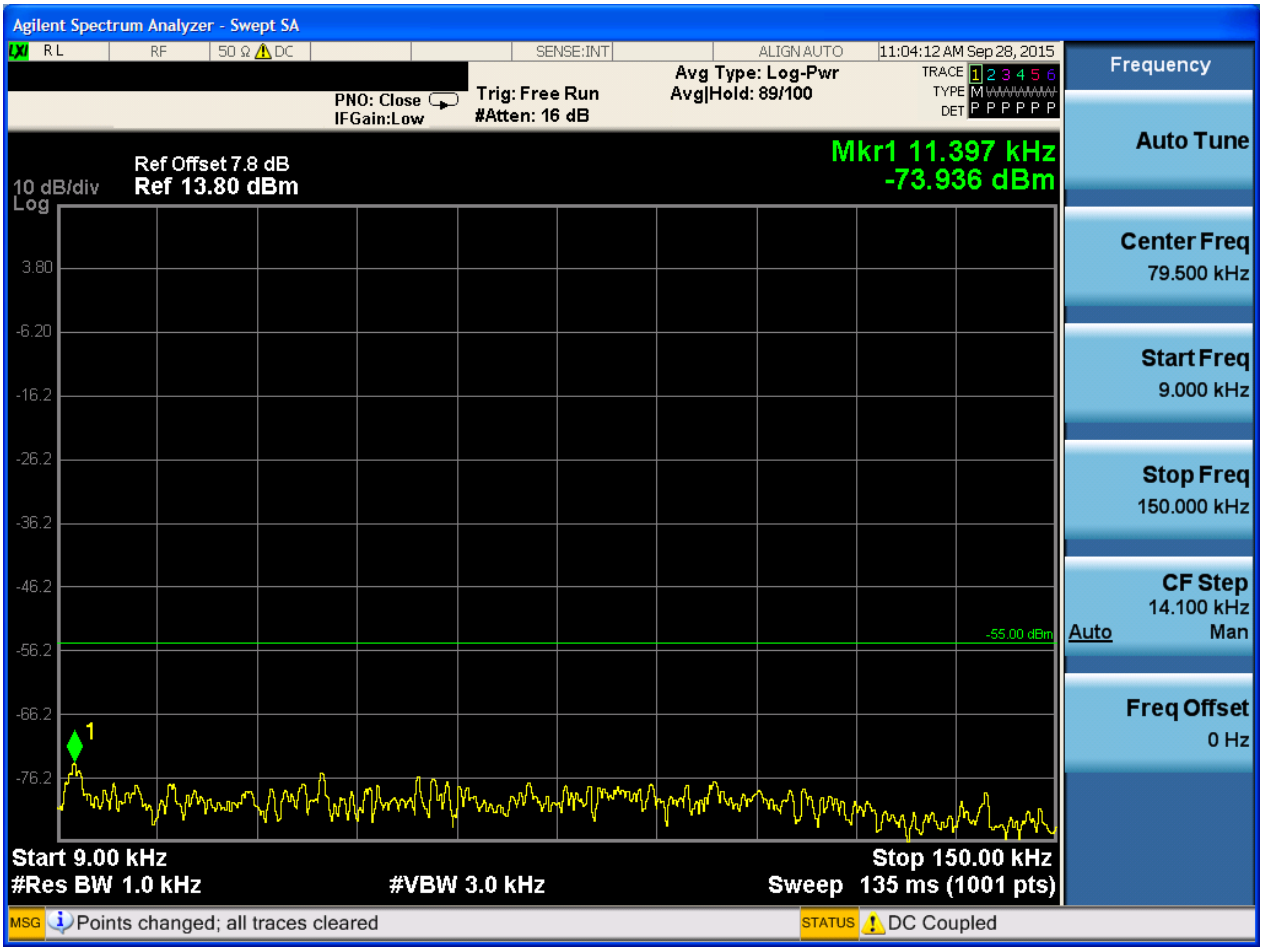
6.1.3.2.4 Test Bandwidth = 20

6.1.3.2.4.1 Test Channel = LCH

6.1.3.2.4.1.1 Test RB = RB1#0



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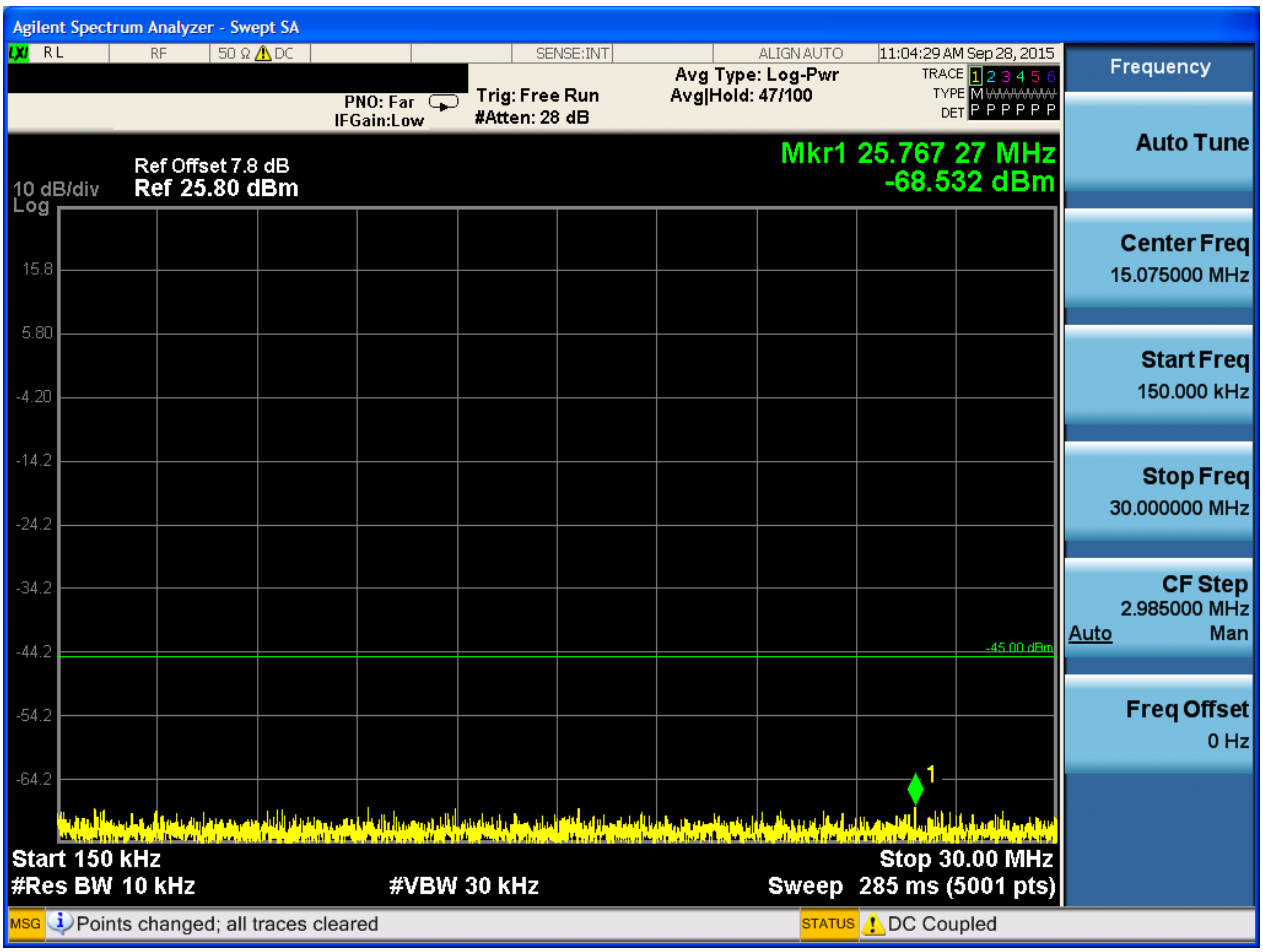

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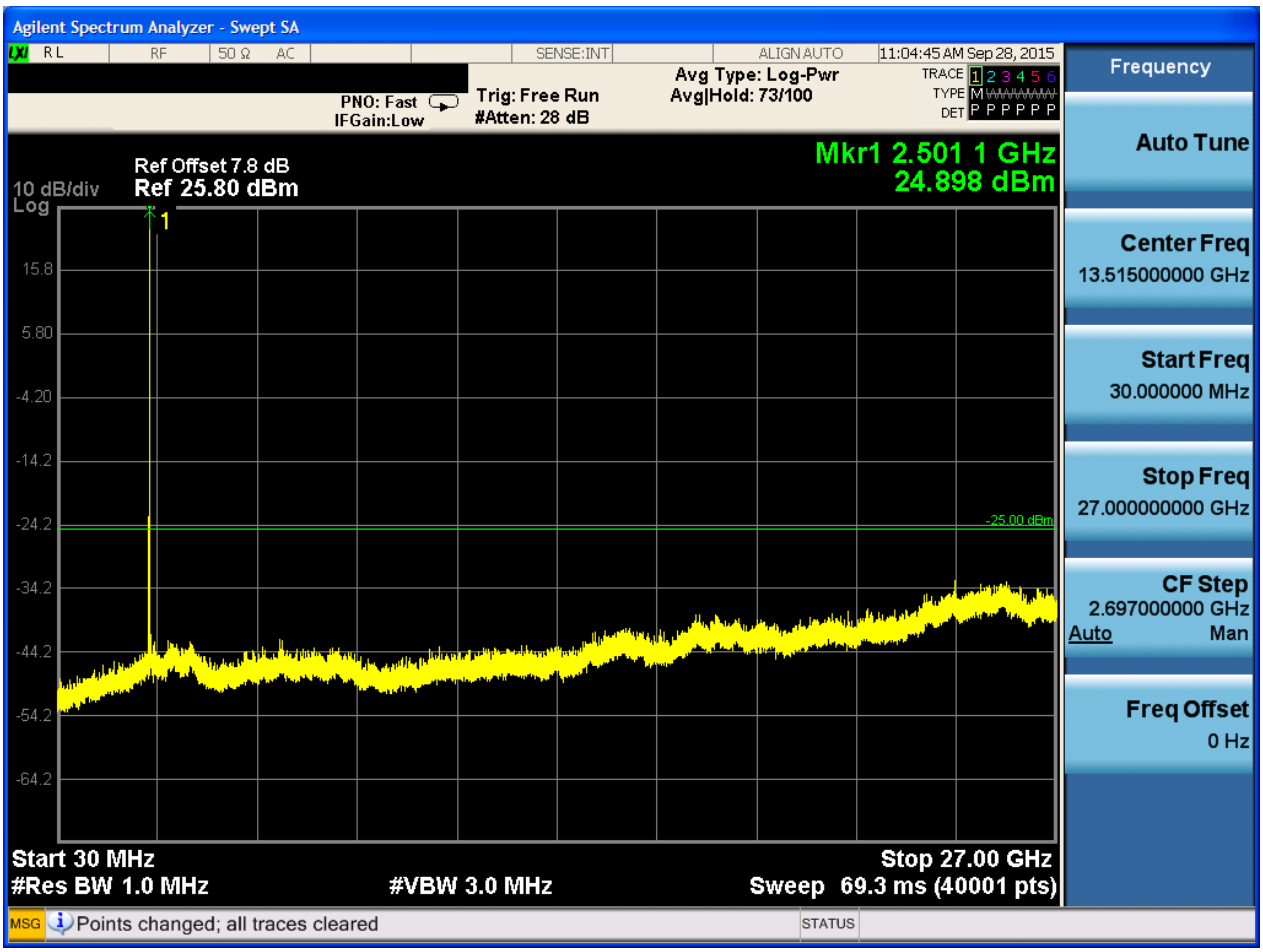

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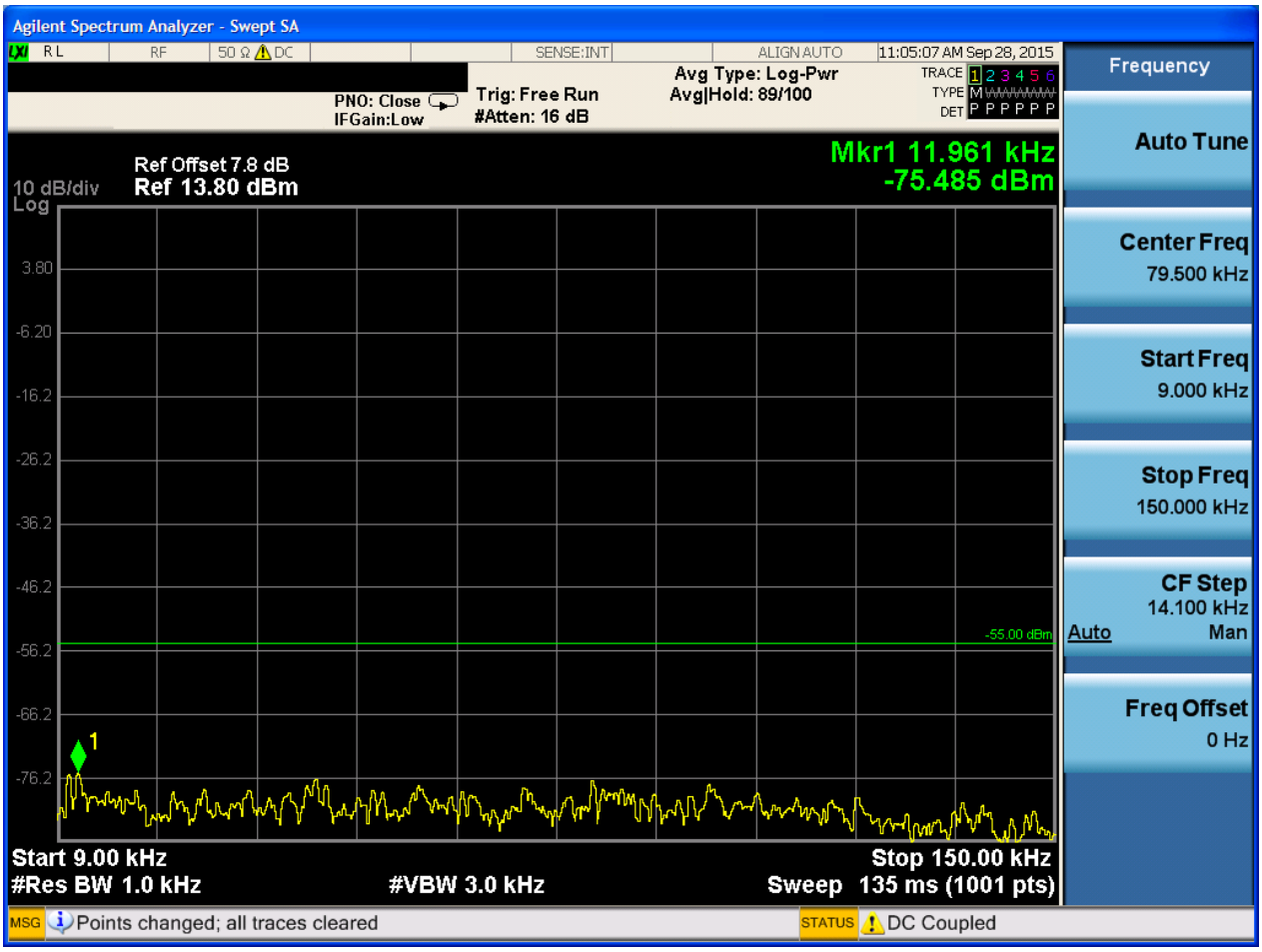
6.1.3.2.4.2 Test Channel = MCH

6.1.3.2.4.2.1 Test RB = RB1#0



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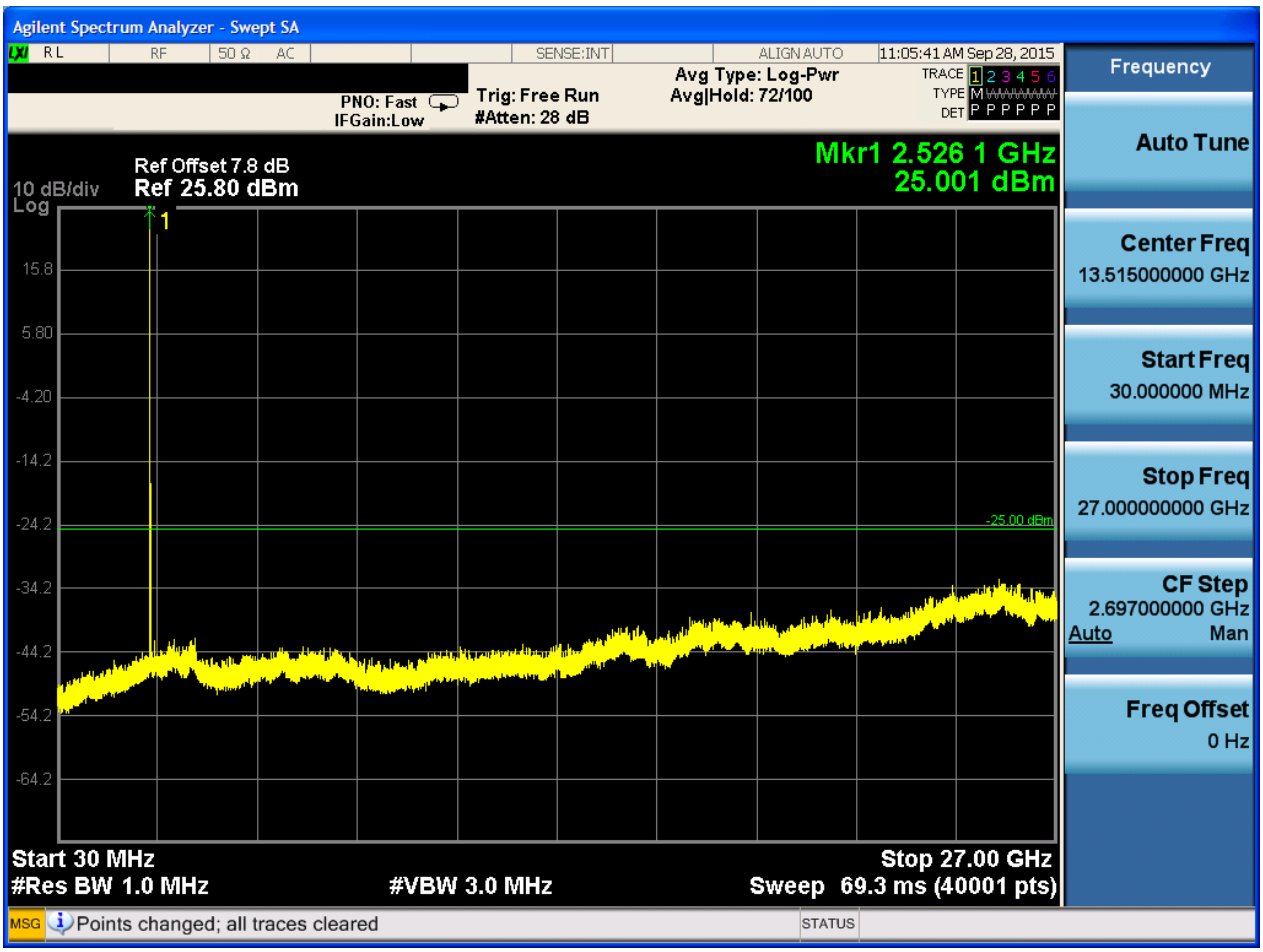

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6.1.3.2.4.3 Test Channel = HCH

6.1.3.2.4.3.1 Test RB = RB1#0

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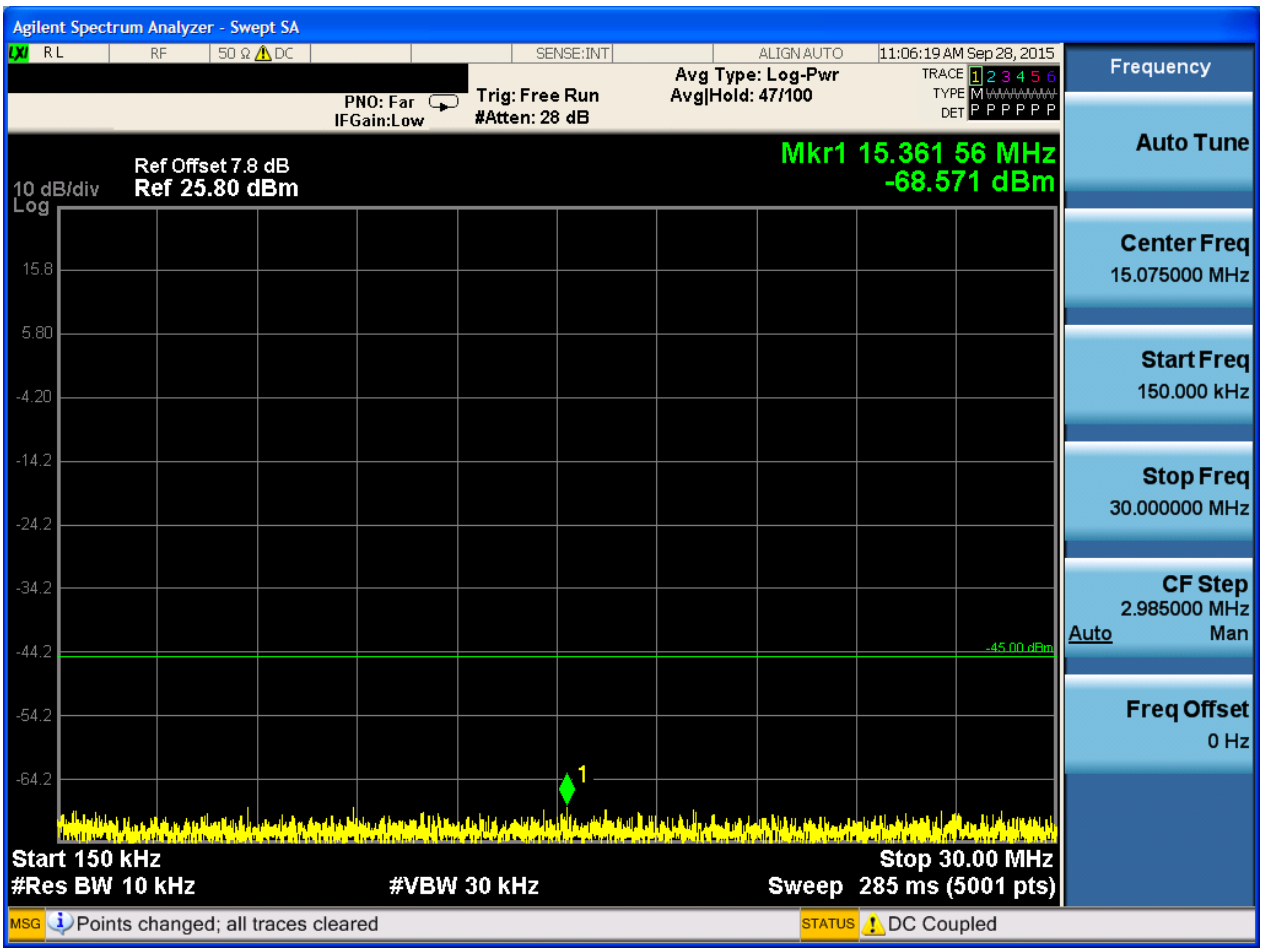

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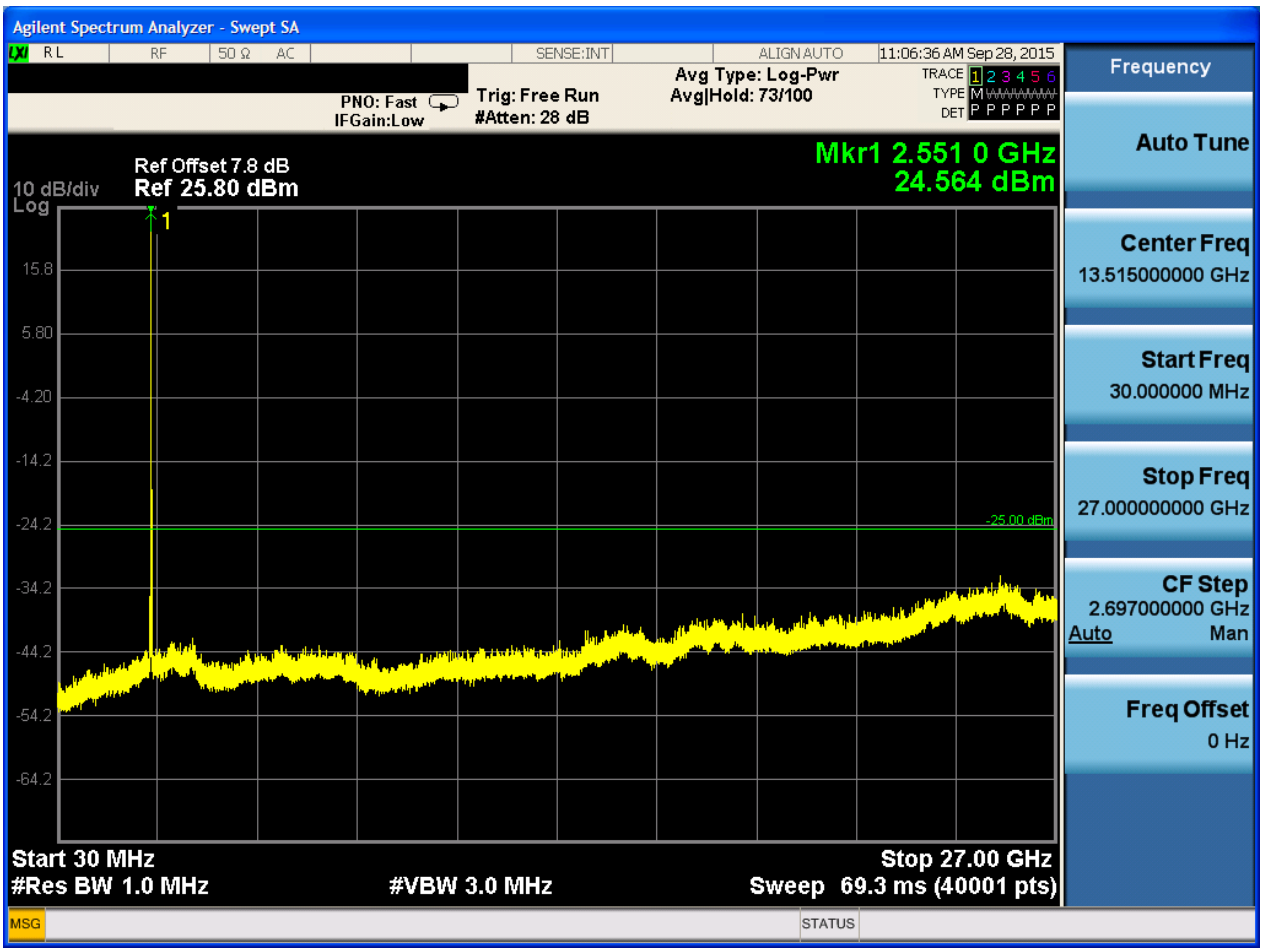

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7Appendix_G: Field Strength of Spurious Radiation

Note:

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

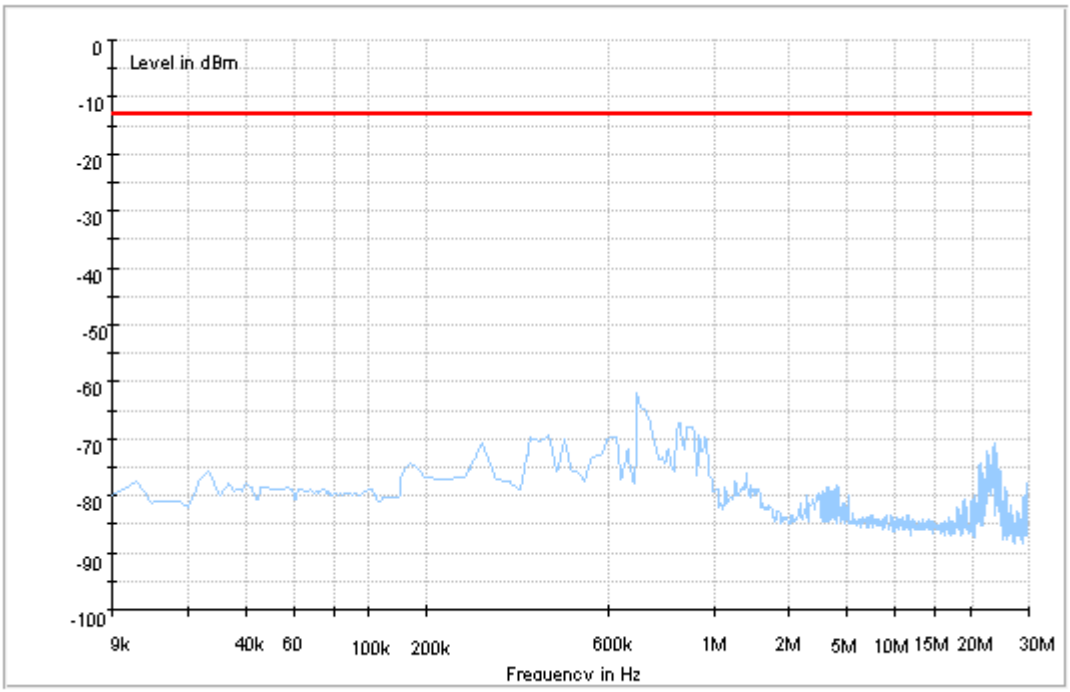
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

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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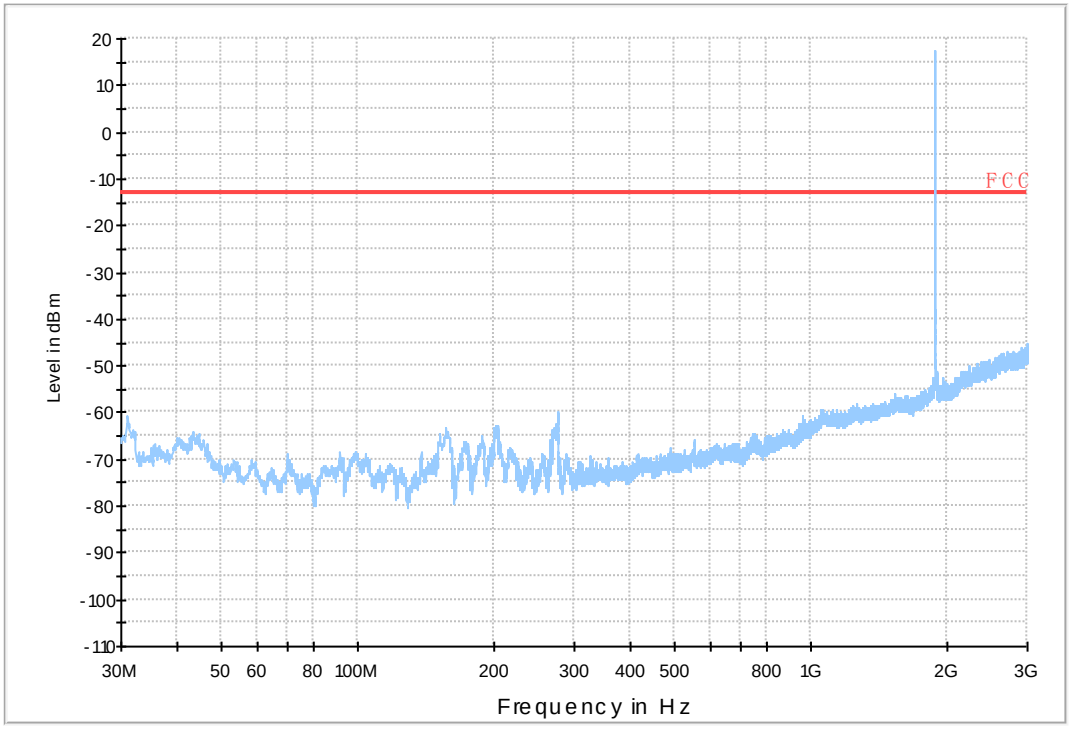
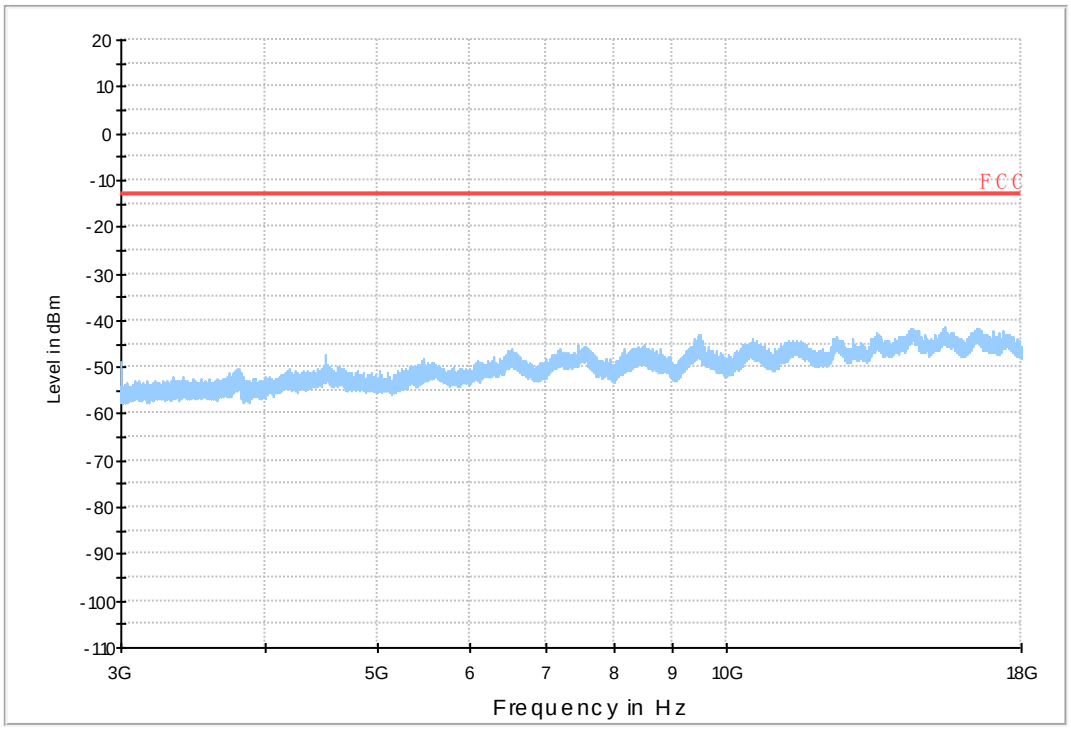
Copy of FCC PART24 LTE Band 2_L



Copy of FCC PART24 LTE Band 2_H



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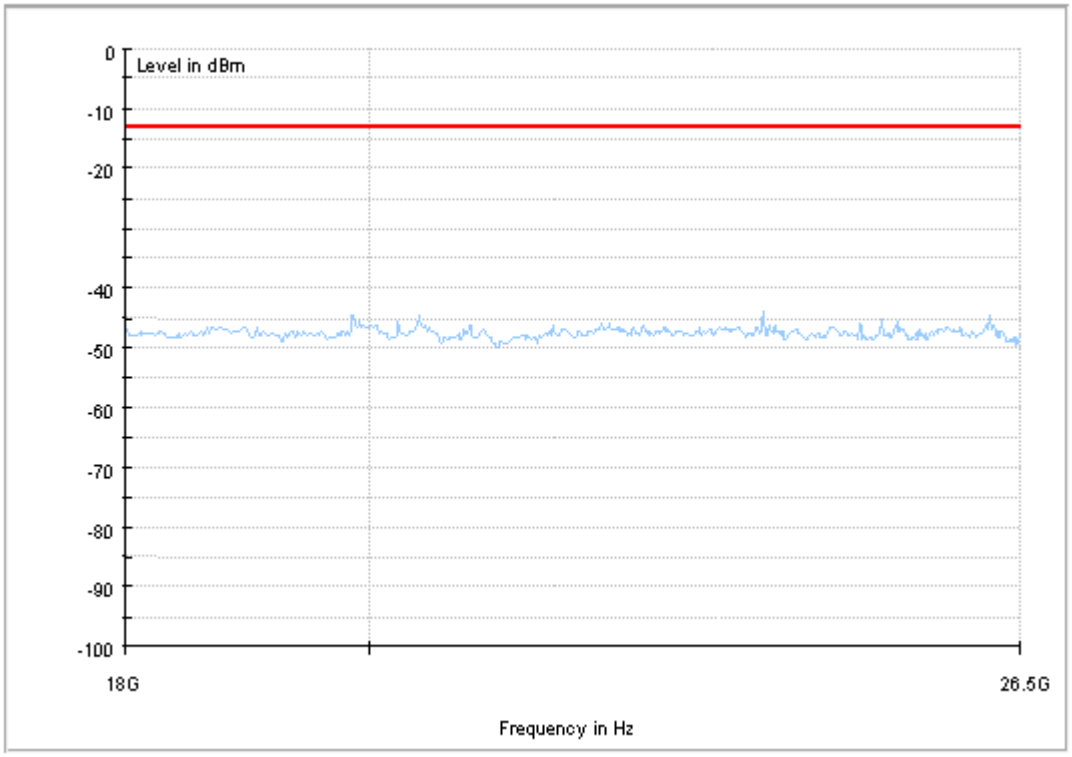

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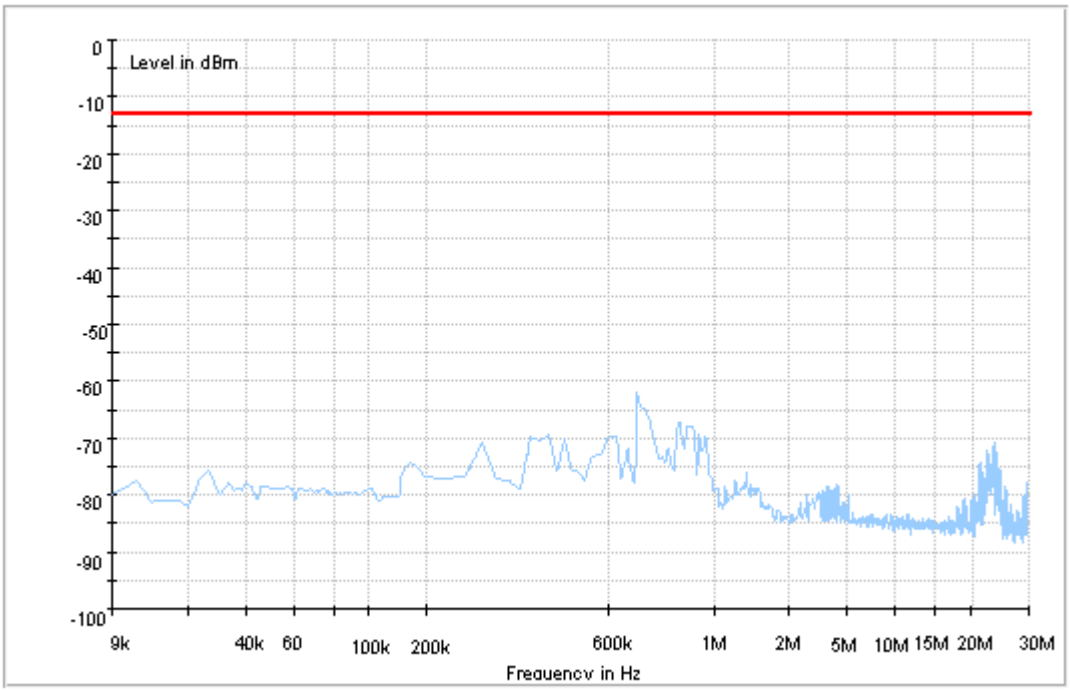
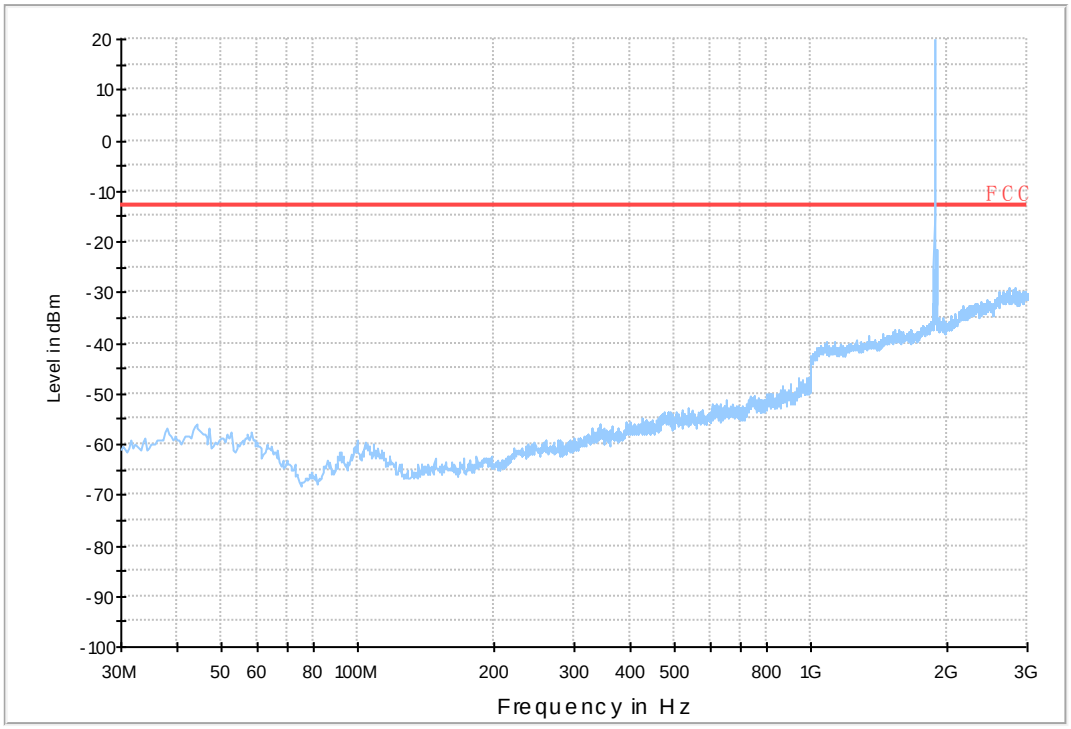
7.1.1.3 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



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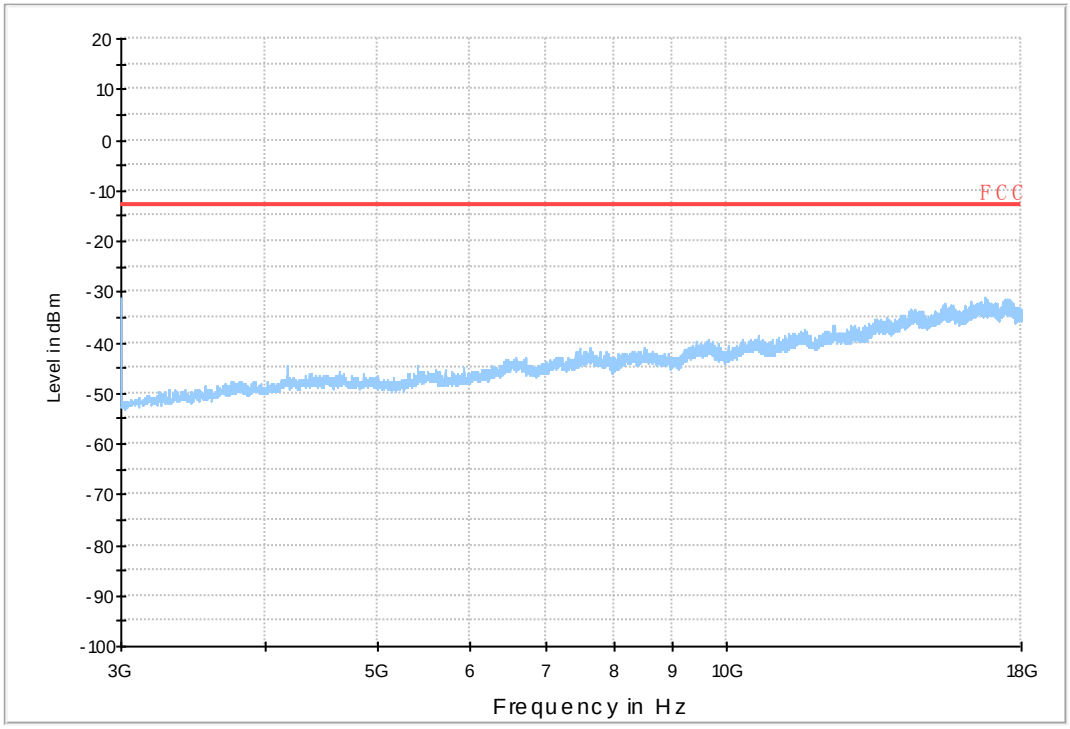
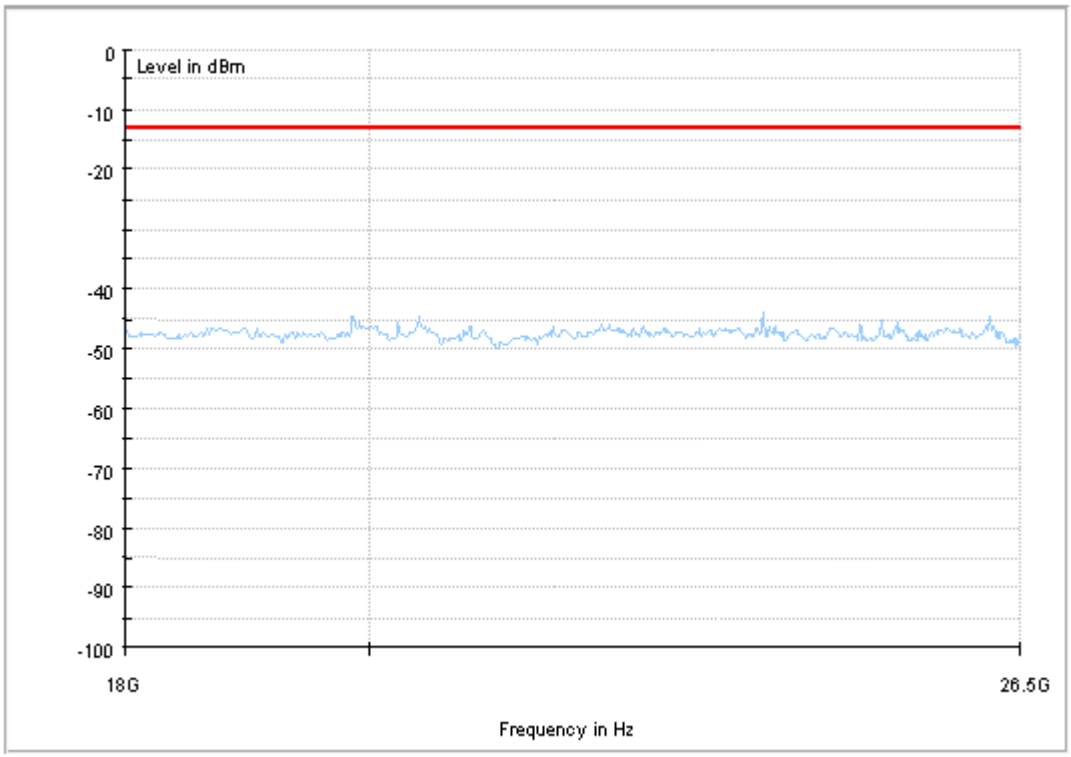
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H





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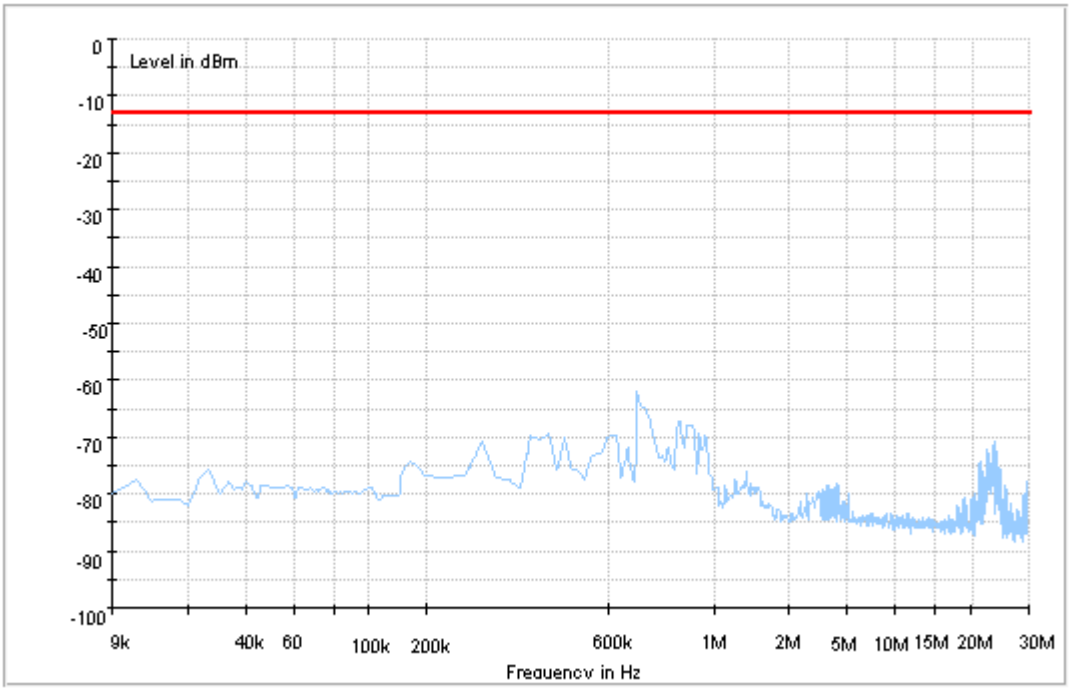
7.1.2 Test Band = BAND4

7.1.2.1 Test Bandwidth = 1.4



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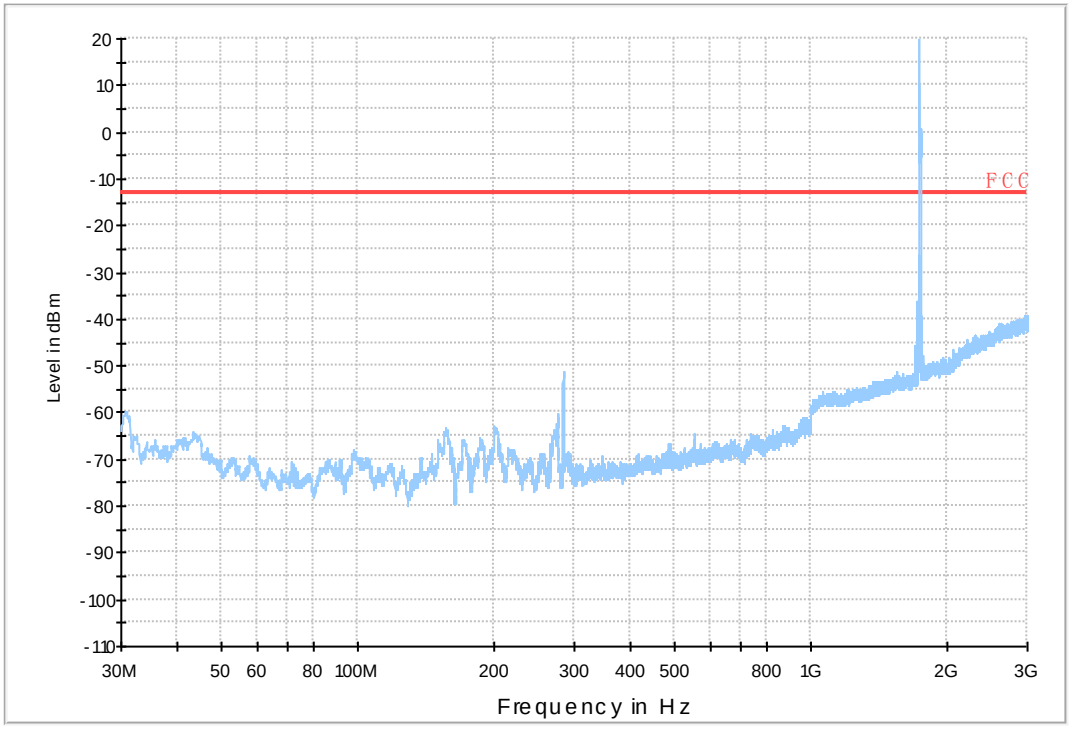
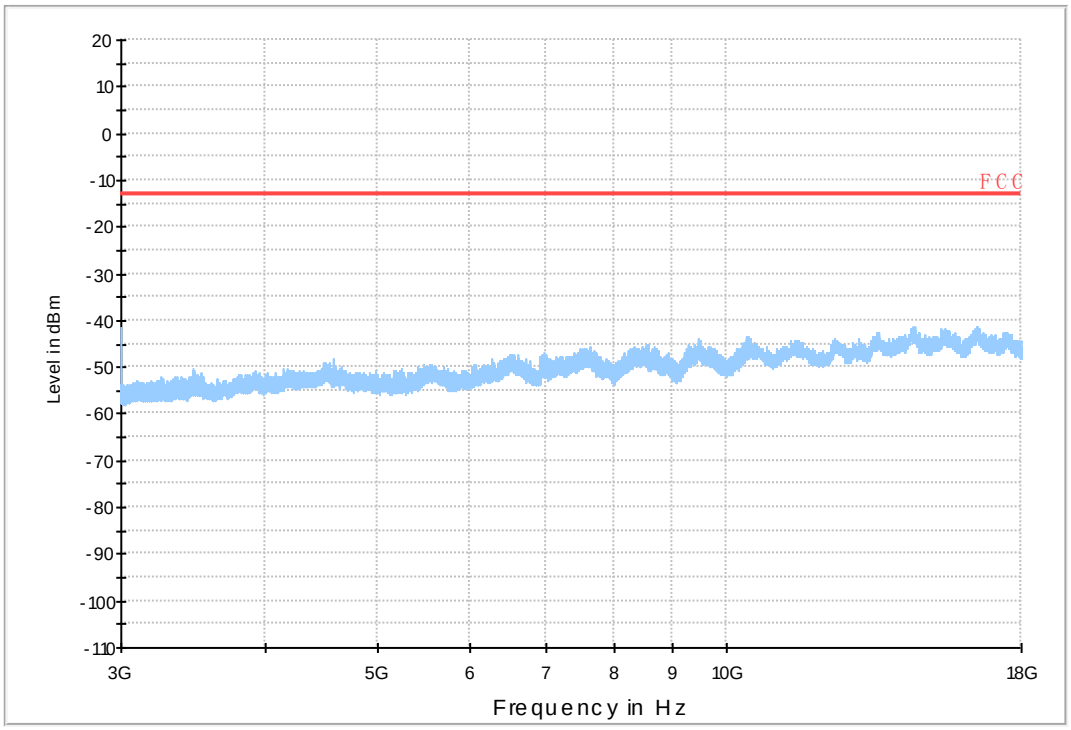
Copy of FCC PART27 LTE Band 4_L



Copy of FCC PART27 LTE Band 4_H



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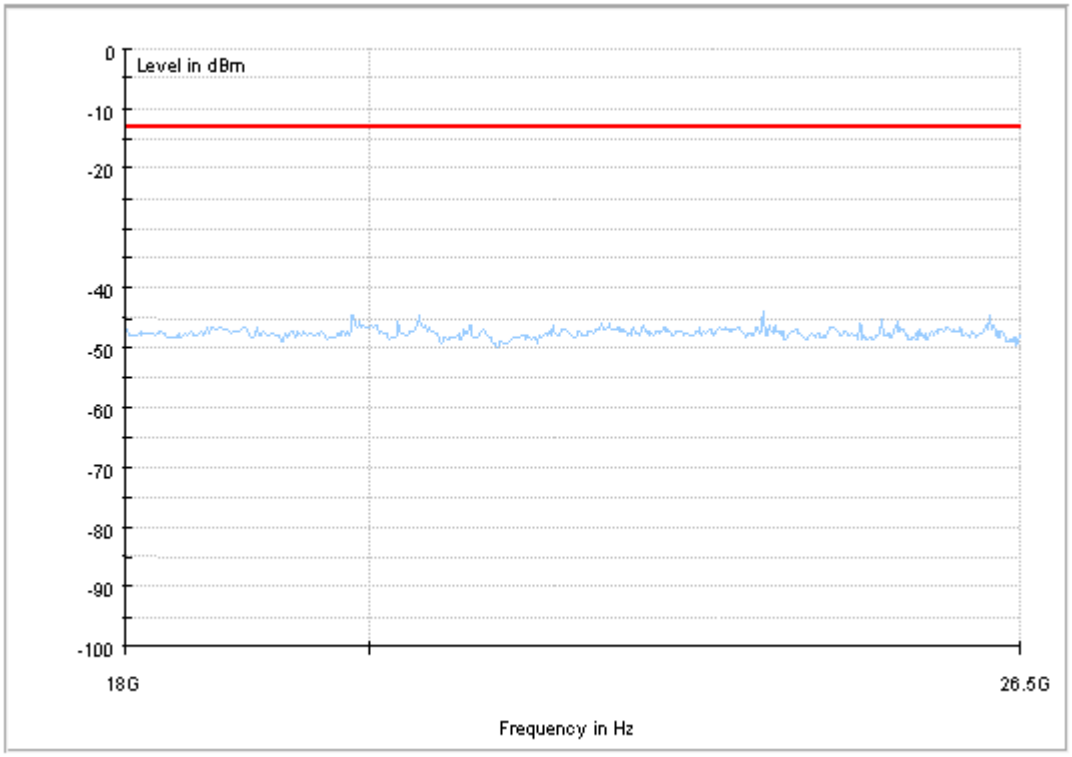

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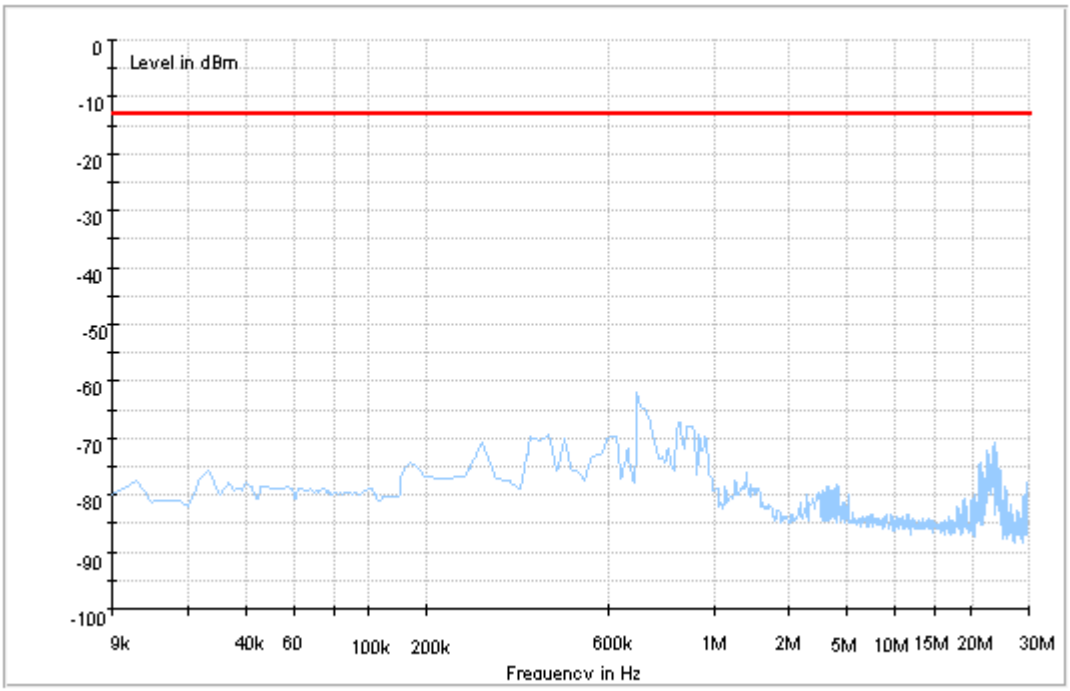
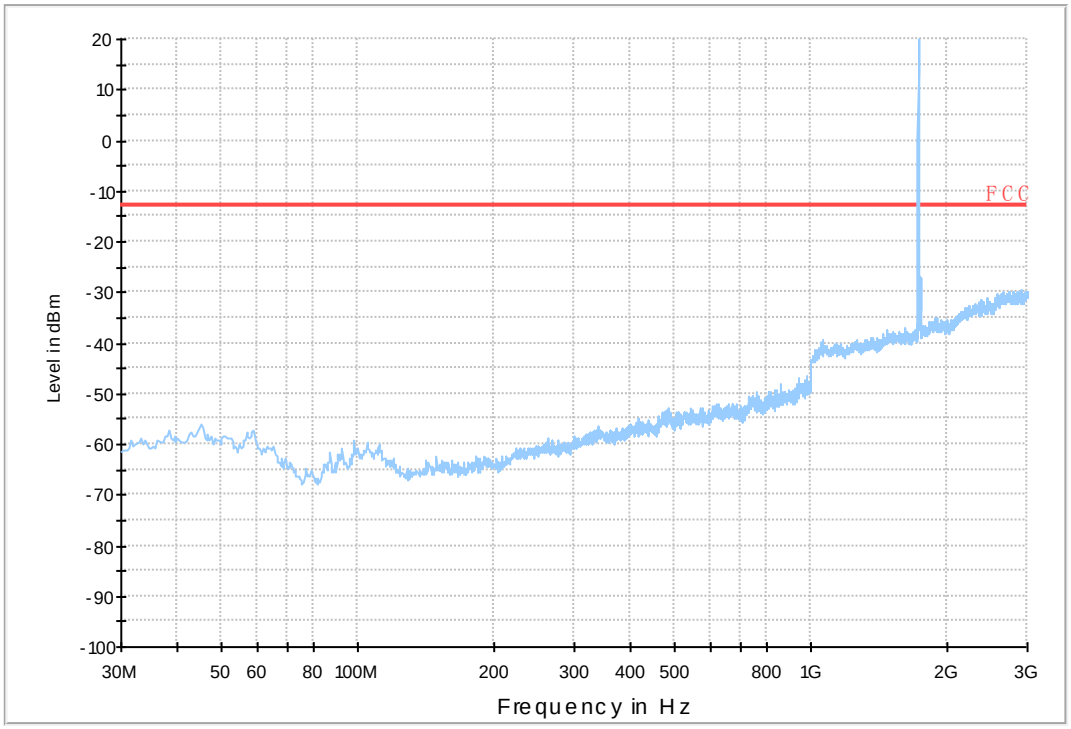
7.1.2.3 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



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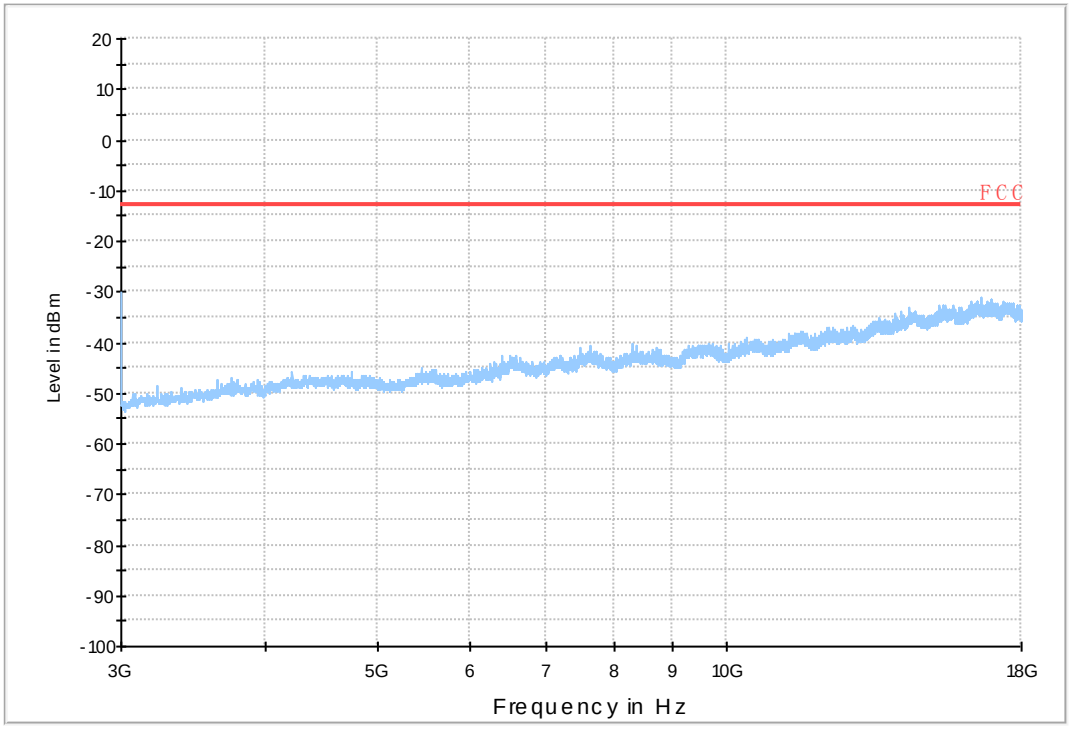

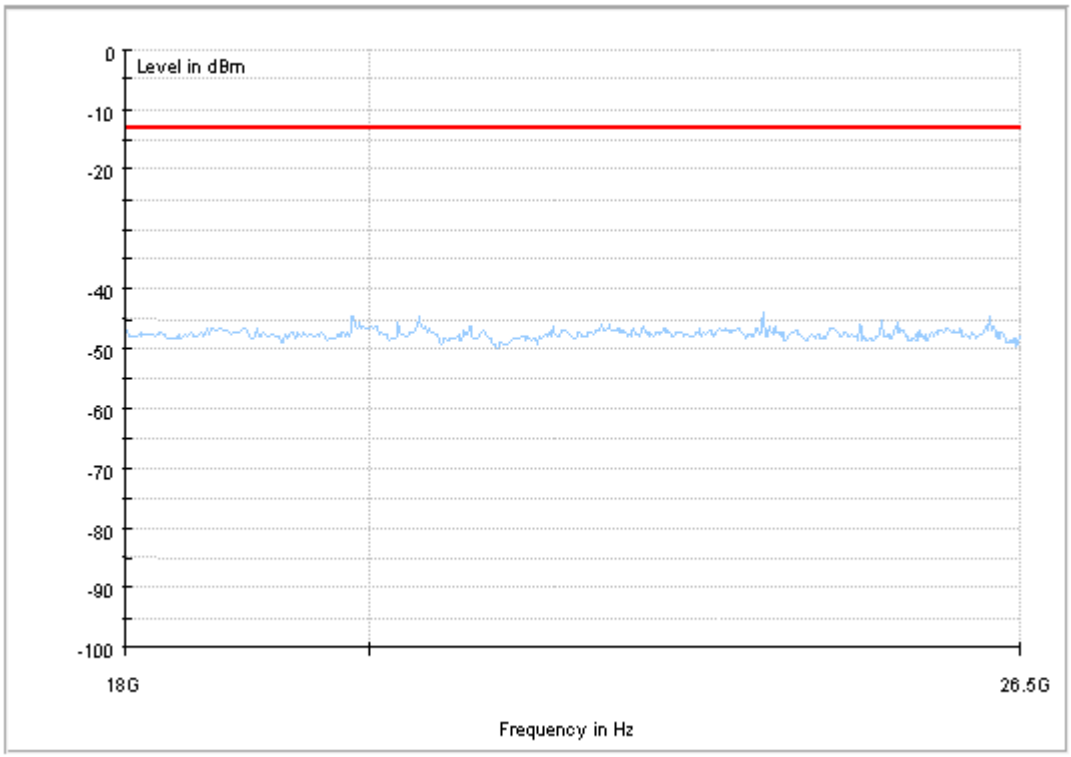

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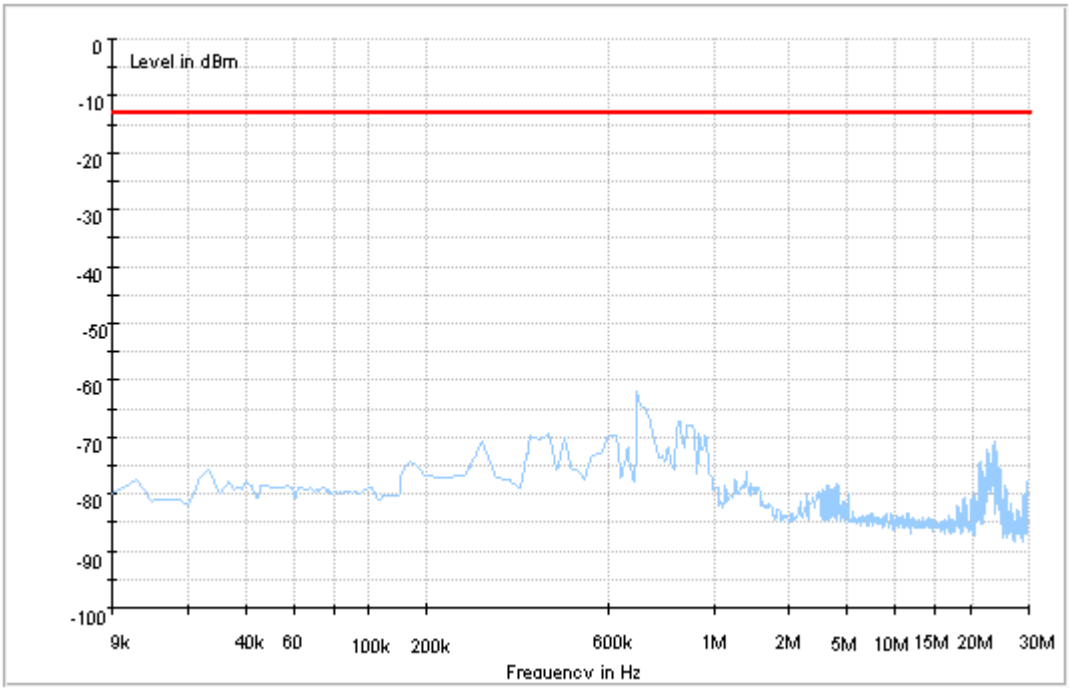
7.1.3 Test Band = BAND7

7.1.3.1 Test Bandwidth = 5



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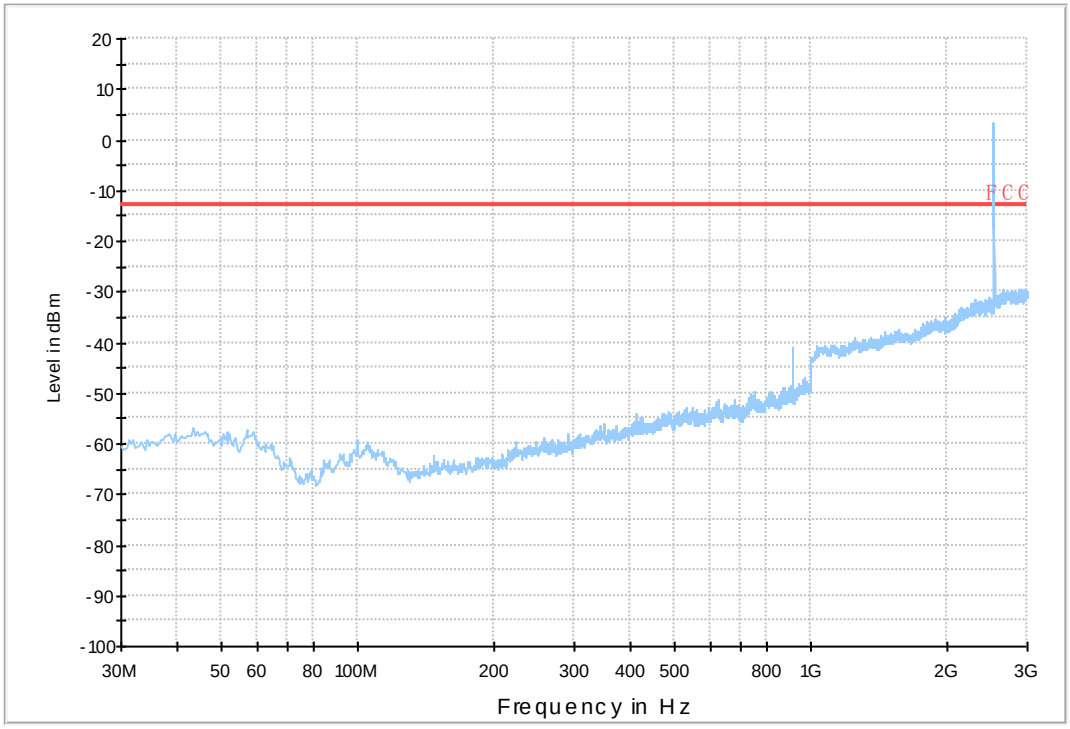

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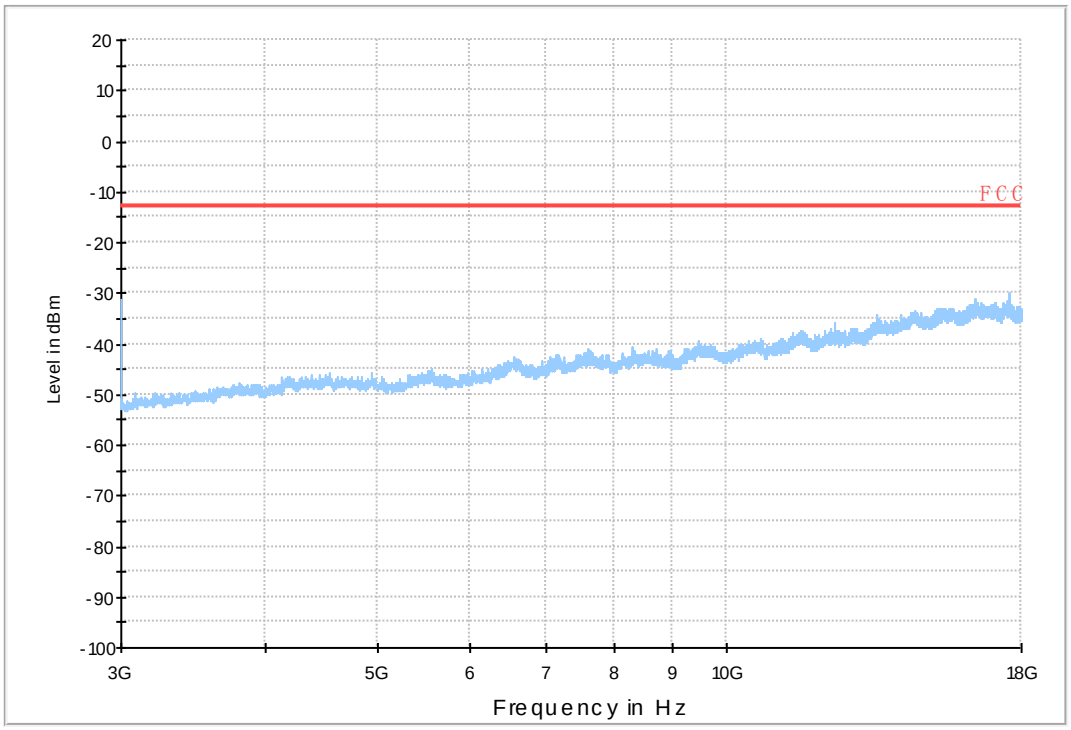

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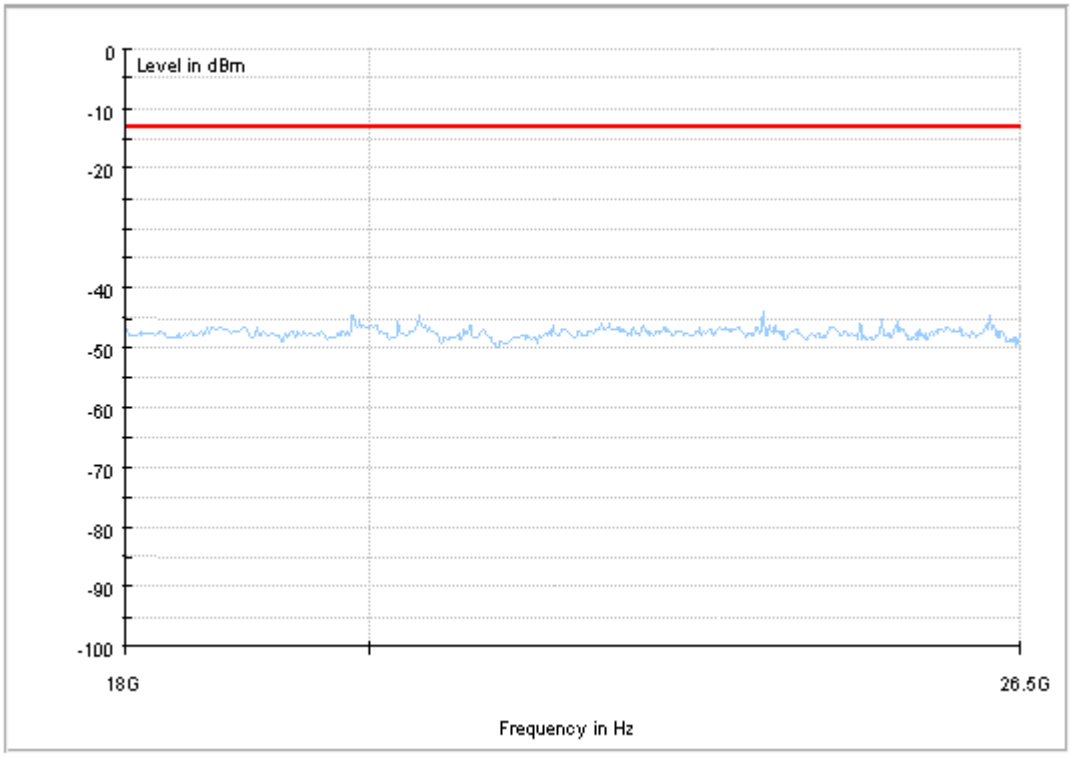

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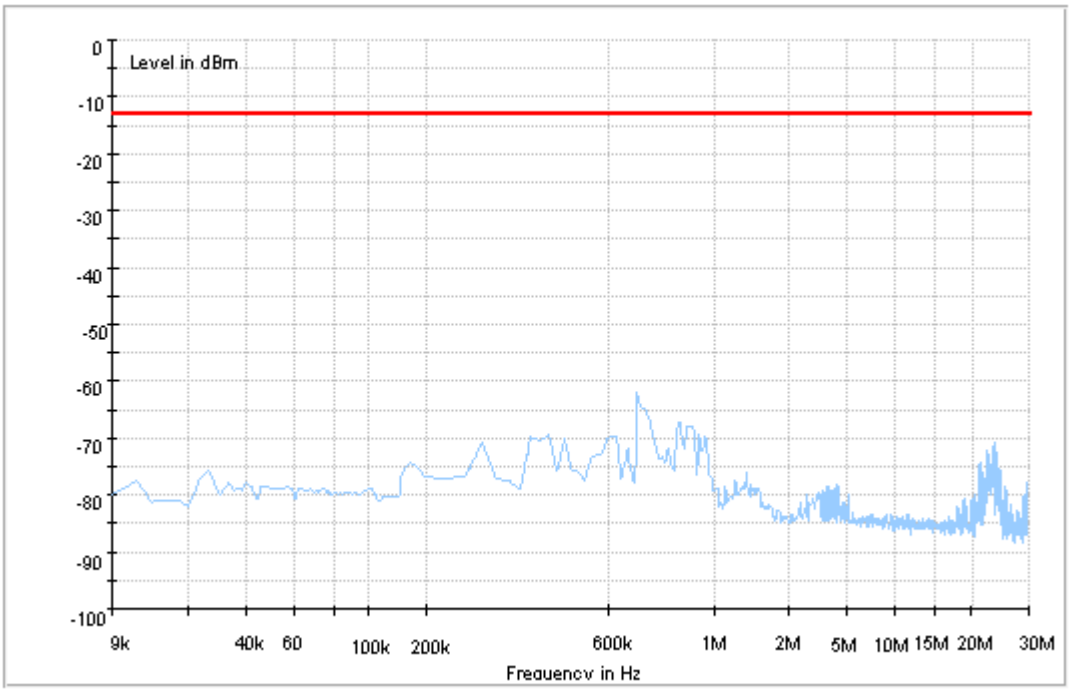
7.1.3.2 Test Bandwidth = 20



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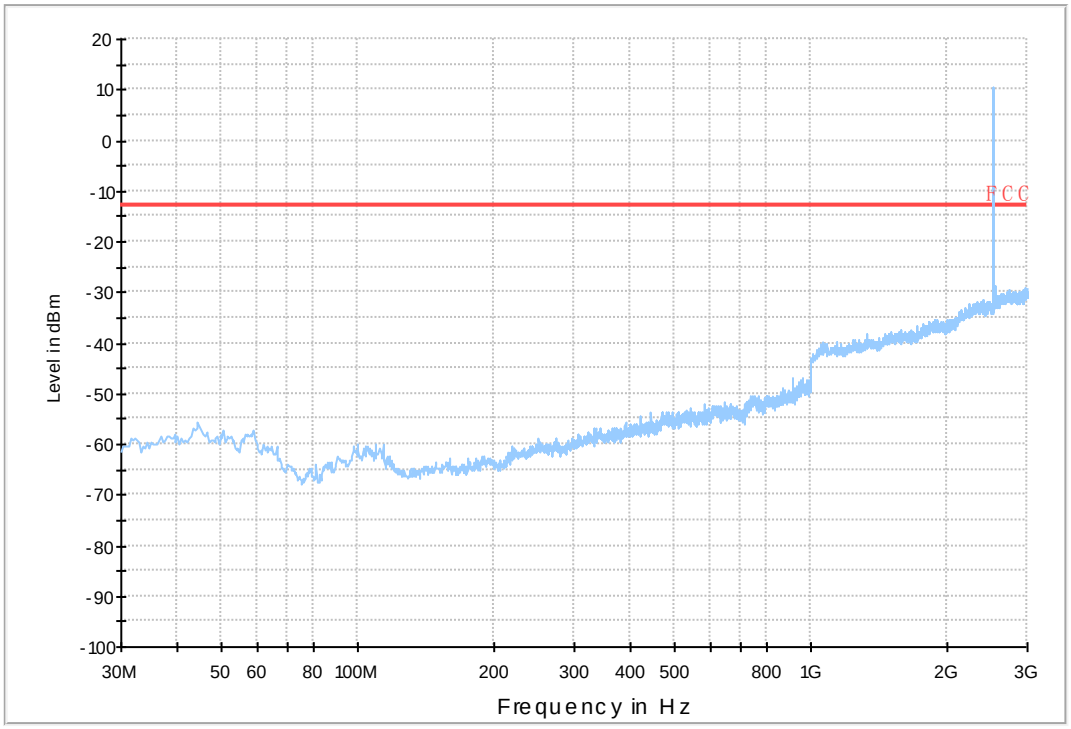

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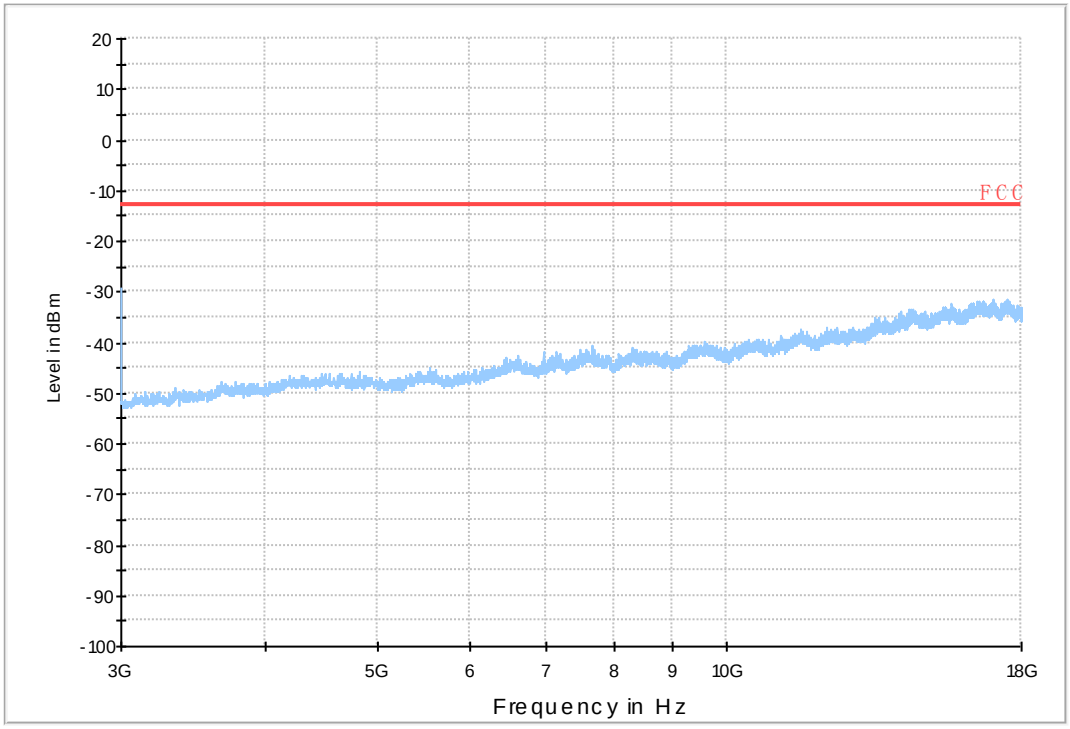

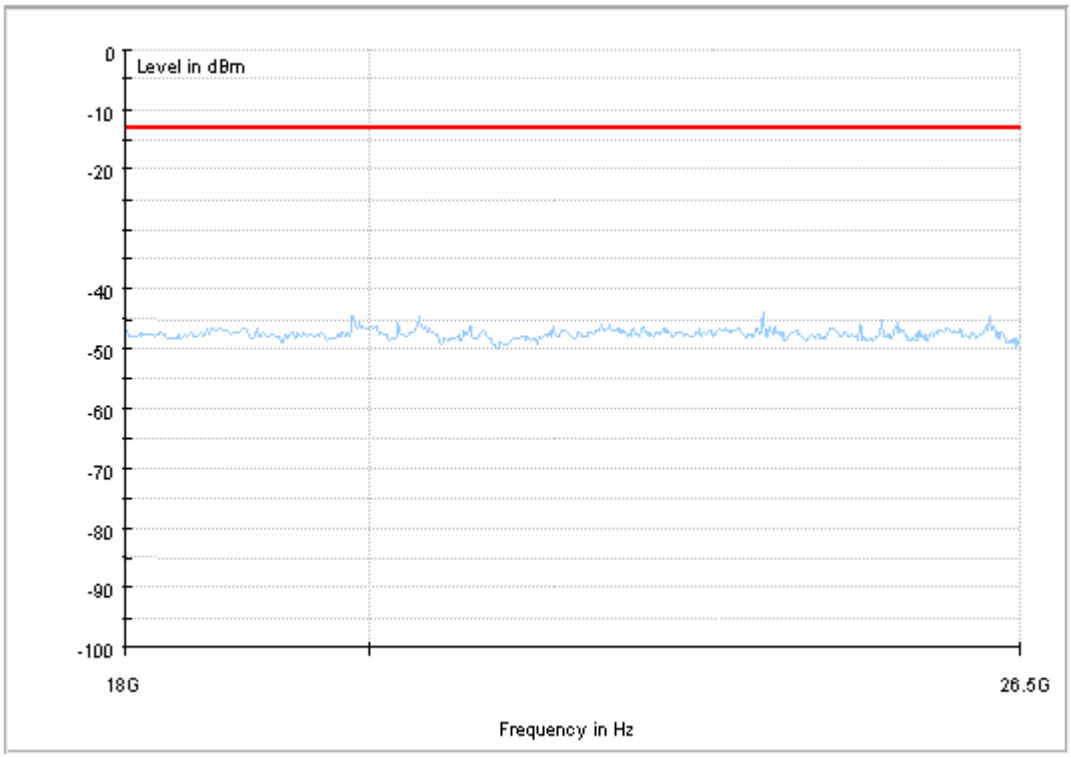

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8Appendix_H: Frequency Stability

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
BAND2	LTE/TM1	1.4	LCH	TN	VL	-0.96	-0.00052	PASS
					VN	1.82	0.00098	PASS
					VH	-3.29	-0.00178	PASS
			MCH	TN	VL	-3.68	-0.00196	PASS
					VN	-1.80	-0.00096	PASS
					VH	-4.53	-0.00241	PASS
			HCH	TN	VL	-0.04	-0.00002	PASS
					VN	1.16	0.00061	PASS
					VH	-1.83	-0.00096	PASS
		3	LCH	TN	VL	-2.78	-0.0015	PASS
					VN	-3.29	-0.00178	PASS
					VH	-2.90	-0.00157	PASS
			MCH	TN	VL	-2.59	-0.00138	PASS
					VN	-2.76	-0.00147	PASS
					VH	-4.59	-0.00244	PASS
			HCH	TN	VL	-1.02	-0.00053	PASS
					VN	0.14	0.00007	PASS
					VH	-0.07	-0.00004	PASS
		5	LCH	TN	VL	-4.28	-0.00231	PASS
					VN	-2.40	-0.0013	PASS
					VH	-3.08	-0.00166	PASS
			MCH	TN	VL	0.54	0.00029	PASS
					VN	0.33	0.00018	PASS
					VH	0.73	0.00039	PASS
			HCH	TN	VL	-0.23	-0.00012	PASS
					VN	1.36	0.00071	PASS
					VH	-1.06	-0.00056	PASS
		10	LCH	TN	VL	-388.34	-0.20935	PASS
					VN	-372.88	-0.20101	PASS
					VH	-376.07	-0.20273	PASS
			MCH	TN	VL	-0.63	-0.00034	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	-0.16	-0.00009	PASS
					VH	-2.15	-0.00114	PASS
			HCH	TN	VL	0.96	0.0005	PASS
					VN	0.31	0.00016	PASS
					VH	1.70	0.00089	PASS
		15	LCH	TN	VL	-5.35	-0.00288	PASS
					VN	-4.84	-0.00261	PASS
					VH	-5.08	-0.00273	PASS
			MCH	TN	VL	-3.48	-0.00185	PASS
					VN	-3.91	-0.00208	PASS
					VH	-1.83	-0.00097	PASS
			HCH	TN	VL	490.82	0.25799	PASS
					VN	479.48	0.25203	PASS
					VH	480.29	0.25245	PASS
		20	LCH	TN	VL	33.77	0.01816	PASS
					VN	29.00	0.01559	PASS
					VH	33.53	0.01803	PASS
			MCH	TN	VL	-3.42	-0.00182	PASS
					VN	-2.27	-0.00121	PASS
					VH	-3.30	-0.00176	PASS
			HCH	TN	VL	-2.17	-0.00114	PASS
					VN	-4.78	-0.00252	PASS
					VH	-3.48	-0.00183	PASS
	LTE/TM2	1.4	LCH	TN	VL	7.04	0.0038	PASS
					VN	-3.06	-0.00165	PASS
					VH	-0.44	-0.00024	PASS
			MCH	TN	VL	-4.84	-0.00257	PASS
					VN	-5.18	-0.00276	PASS
					VH	-6.41	-0.00341	PASS
			HCH	TN	VL	-0.37	-0.00019	PASS
					VN	-1.92	-0.00101	PASS
					VH	-1.59	-0.00083	PASS
		3	LCH	TN	VL	-3.81	-0.00206	PASS
					VN	-5.24	-0.00283	PASS
					VH	-3.00	-0.00162	PASS
			MCH	TN	VL	-4.88	-0.0026	PASS
					VN	-3.95	-0.0021	PASS
					VH	-5.05	-0.00269	PASS
			HCH	TN	VL	0.73	0.00038	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	0.76	0.0004	PASS
					VH	-0.97	-0.00051	PASS
		5	LCH	TN	VL	-1.33	-0.00072	PASS
					VN	-2.68	-0.00145	PASS
					VH	-1.89	-0.00102	PASS
			MCH	TN	VL	-2.03	-0.00108	PASS
					VN	-1.22	-0.00065	PASS
					VH	-0.07	-0.00004	PASS
			HCH	TN	VL	-0.97	-0.00051	PASS
					VN	0.13	0.00007	PASS
					VH	0.47	0.00025	PASS
		10	LCH	TN	VL	-302.00	-0.1628	PASS
					VN	-317.06	-0.17092	PASS
					VH	-311.21	-0.16777	PASS
			MCH	TN	VL	-2.46	-0.00131	PASS
					VN	-3.63	-0.00193	PASS
					VH	-2.92	-0.00155	PASS
			HCH	TN	VL	-0.01	-0.00001	PASS
					VN	-0.47	-0.00025	PASS
					VH	1.32	0.00069	PASS
		15	LCH	TN	VL	-7.27	-0.00391	PASS
					VN	-5.24	-0.00282	PASS
					VH	-6.62	-0.00356	PASS
			MCH	TN	VL	-2.66	-0.00141	PASS
					VN	-2.07	-0.0011	PASS
					VH	-2.02	-0.00107	PASS
			HCH	TN	VL	-111.21	-0.05845	PASS
					VN	-103.70	-0.05451	PASS
					VH	-125.91	-0.06618	PASS
		20	LCH	TN	VL	0.79	0.00042	PASS
					VN	14.52	0.00781	PASS
					VH	17.94	0.00965	PASS
			MCH	TN	VL	-2.42	-0.00129	PASS
					VN	-1.20	-0.00064	PASS
					VH	-2.50	-0.00133	PASS
			HCH	TN	VL	-2.85	-0.0015	PASS
					VN	-2.22	-0.00117	PASS
					VH	-2.45	-0.00129	PASS
BAND4	LTE/TM1	1.4	LCH	TN	VL	6.49	0.00379	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	4.75	0.00278	PASS
					VH	3.50	0.00205	PASS
			MCH	TN	VL	0.00	0	PASS
					VN	4.22	0.00244	PASS
					VH	1.93	0.00111	PASS
			HCH	TN	VL	-3.62	-0.00206	PASS
					VN	-3.43	-0.00196	PASS
					VH	-2.66	-0.00152	PASS
		3	LCH	TN	VL	-6.82	-0.00398	PASS
					VN	-9.90	-0.00578	PASS
					VH	-8.14	-0.00476	PASS
			MCH	TN	VL	6.62	0.00382	PASS
					VN	4.21	0.00243	PASS
					VH	6.52	0.00376	PASS
			HCH	TN	VL	-0.41	-0.00023	PASS
					VN	2.55	0.00145	PASS
					VH	-0.99	-0.00056	PASS
		5	LCH	TN	VL	39.87	0.02328	PASS
					VN	46.03	0.02688	PASS
					VH	41.89	0.02446	PASS
			MCH	TN	VL	-160.19	-0.09246	PASS
					VN	-148.69	-0.08582	PASS
					VH	-138.70	-0.08006	PASS
			HCH	TN	VL	-2.69	-0.00153	PASS
					VN	-2.32	-0.00132	PASS
					VH	-1.16	-0.00066	PASS
		10	LCH	TN	VL	-2.03	-0.00118	PASS
					VN	-1.40	-0.00082	PASS
					VH	-1.75	-0.00102	PASS
			MCH	TN	VL	10.19	0.00588	PASS
					VN	6.32	0.00365	PASS
					VH	18.67	0.01078	PASS
			HCH	TN	VL	2.17	0.00124	PASS
					VN	2.55	0.00146	PASS
					VH	2.36	0.00135	PASS
		15	LCH	TN	VL	-0.30	-0.00017	PASS
					VN	-0.53	-0.00031	PASS
					VH	-0.56	-0.00033	PASS
			MCH	TN	VL	59.68	0.03445	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	61.20	0.03532	PASS
					VH	61.38	0.03543	PASS
			HCH	TN	VL	-33.12	-0.01895	PASS
					VN	-29.73	-0.01701	PASS
					VH	-24.62	-0.01409	PASS
		20	LCH	TN	VL	-7.14	-0.00415	PASS
					VN	-7.82	-0.00455	PASS
					VH	-8.88	-0.00516	PASS
			MCH	TN	VL	42.79	0.0247	PASS
					VN	41.03	0.02368	PASS
					VH	44.23	0.02553	PASS
			HCH	TN	VL	-4.02	-0.0023	PASS
					VN	-4.85	-0.00278	PASS
					VH	-3.48	-0.00199	PASS
	LTE/TM2	1.4	LCH	TN	VL	6.90	0.00403	PASS
					VN	1.06	0.00062	PASS
					VH	6.75	0.00395	PASS
			MCH	TN	VL	2.70	0.00156	PASS
					VN	-0.14	-0.00008	PASS
					VH	4.84	0.00279	PASS
			HCH	TN	VL	-3.78	-0.00215	PASS
					VN	-3.56	-0.00203	PASS
					VH	-3.69	-0.0021	PASS
		3	LCH	TN	VL	9.38	0.00548	PASS
					VN	6.78	0.00396	PASS
					VH	10.24	0.00598	PASS
			MCH	TN	VL	68.46	0.03952	PASS
					VN	67.15	0.03876	PASS
					VH	59.92	0.03459	PASS
			HCH	TN	VL	1.79	0.00102	PASS
					VN	0.50	0.00029	PASS
					VH	-0.92	-0.00052	PASS
		5	LCH	TN	VL	-43.19	-0.02522	PASS
					VN	-37.74	-0.02204	PASS
					VH	-50.07	-0.02924	PASS
			MCH	TN	VL	61.94	0.03575	PASS
					VN	63.21	0.03648	PASS
					VH	56.95	0.03287	PASS
			HCH	TN	VL	-3.16	-0.0018	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	-3.30	-0.00188	PASS
					VH	-3.29	-0.00188	PASS
		10	LCH	TN	VL	-2.80	-0.00163	PASS
					VN	-4.85	-0.00283	PASS
					VH	-4.08	-0.00238	PASS
			MCH	TN	VL	24.48	0.01413	PASS
					VN	30.80	0.01778	PASS
					VH	28.28	0.01632	PASS
			HCH	TN	VL	0.09	0.00005	PASS
					VN	1.30	0.00074	PASS
					VH	1.33	0.00076	PASS
		15	LCH	TN	VL	-1.46	-0.00085	PASS
					VN	-0.63	-0.00037	PASS
					VH	-0.76	-0.00044	PASS
			MCH	TN	VL	27.47	0.01586	PASS
					VN	32.19	0.01858	PASS
					VH	34.23	0.01976	PASS
			HCH	TN	VL	-21.43	-0.01226	PASS
					VN	-17.88	-0.01023	PASS
					VH	-28.51	-0.01631	PASS
		20	LCH	TN	VL	-6.48	-0.00377	PASS
					VN	-6.67	-0.00388	PASS
					VH	-6.12	-0.00356	PASS
			MCH	TN	VL	40.30	0.02326	PASS
					VN	41.97	0.02423	PASS
					VH	41.70	0.02407	PASS
			HCH	TN	VL	-3.85	-0.00221	PASS
					VN	-3.16	-0.00181	PASS
					VH	-2.49	-0.00143	PASS
BAND4	LTE/TM1	1.4	LCH	TN	VL	1.47	0.00086	PASS
					VN	1.27	0.00074	PASS
					VH	2.70	0.00158	PASS
			MCH	TN	VL	1.70	0.00098	PASS
					VN	-0.57	-0.00033	PASS
					VH	4.22	0.00244	PASS
			HCH	TN	VL	-4.78	-0.00272	PASS
					VN	-3.76	-0.00214	PASS
					VH	-5.51	-0.00314	PASS
		3	LCH	TN	VL	3.83	0.00224	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	5.81	0.00339	PASS
					VH	0.83	0.00048	PASS
			MCH	TN	VL	89.49	0.05165	PASS
					VN	84.77	0.04893	PASS
					VH	65.92	0.03805	PASS
			HCH	TN	VL	2.32	0.00132	PASS
					VN	0.92	0.00052	PASS
					VH	0.72	0.00041	PASS
		5	LCH	TN	VL	-38.25	-0.02234	PASS
					VN	-38.04	-0.02221	PASS
					VH	-35.12	-0.02051	PASS
			MCH	TN	VL	38.80	0.0224	PASS
					VN	37.05	0.02139	PASS
					VH	32.53	0.01878	PASS
			HCH	TN	VL	-3.32	-0.00189	PASS
					VN	-1.80	-0.00103	PASS
					VH	-4.55	-0.0026	PASS
		10	LCH	TN	VL	-3.02	-0.00176	PASS
					VN	-3.25	-0.0019	PASS
					VH	-2.47	-0.00144	PASS
			MCH	TN	VL	12.85	0.00742	PASS
					VN	11.97	0.00691	PASS
					VH	10.81	0.00624	PASS
			HCH	TN	VL	1.07	0.00061	PASS
					VN	1.96	0.00112	PASS
					VH	2.25	0.00129	PASS
		15	LCH	TN	VL	-0.79	-0.00046	PASS
					VN	-2.09	-0.00122	PASS
					VH	0.29	0.00017	PASS
			MCH	TN	VL	32.94	0.01901	PASS
					VN	32.74	0.0189	PASS
					VH	38.51	0.02223	PASS
			HCH	TN	VL	-25.45	-0.01456	PASS
					VN	-28.25	-0.01617	PASS
					VH	-35.00	-0.02003	PASS
		20	LCH	TN	VL	-9.37	-0.00545	PASS
					VN	-9.88	-0.00574	PASS
					VH	-8.84	-0.00514	PASS
			MCH	TN	VL	15.86	0.00915	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	16.68	0.00963	PASS
					VH	15.95	0.00921	PASS
			HCH	TN	VL	-3.35	-0.00192	PASS
					VN	-4.23	-0.00242	PASS
					VH	-3.43	-0.00197	PASS
	LTE/TM2	1.4	LCH	TN	VL	1.60	0.00094	PASS
					VN	4.21	0.00246	PASS
					VH	2.27	0.00133	PASS
			MCH	TN	VL	1.10	0.00063	PASS
					VN	2.63	0.00152	PASS
					VH	4.41	0.00255	PASS
			HCH	TN	VL	-3.91	-0.00223	PASS
					VN	-0.27	-0.00015	PASS
					VH	-2.90	-0.00165	PASS
		3	LCH	TN	VL	-10.81	-0.00632	PASS
					VN	-7.85	-0.00459	PASS
					VH	-11.69	-0.00683	PASS
			MCH	TN	VL	-186.62	-0.10772	PASS
BAND7	LTE/TM1	5	LCH	TN	VL	3.42	0.00137	PASS
					VN	6.88	0.00275	PASS
					VH	5.09	0.00203	PASS
			MCH	TN	VL	-0.70	-0.00028	PASS
					VN	-3.89	-0.00153	PASS
					VH	-3.99	-0.00157	PASS
			HCH	TN	VL	3.06	0.00119	PASS
					VN	-0.40	-0.00016	PASS
					VH	-0.62	-0.00024	PASS
		10	LCH	TN	VL	-2.12	-0.00085	PASS
					VN	-0.09	-0.00004	PASS
					VH	-2.35	-0.00094	PASS
			MCH	TN	VL	-2.00	-0.00079	PASS
					VN	-3.52	-0.00139	PASS
					VH	-2.19	-0.00086	PASS
			HCH	TN	VL	-1.95	-0.00076	PASS
					VN	-3.96	-0.00154	PASS
					VH	-0.31	-0.00012	PASS
		15	LCH	TN	VL	-1.03	-0.00041	PASS
					VN	-4.71	-0.00188	PASS
					VH	-0.74	-0.0003	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
			MCH	TN	VL	-2.25	-0.00089	PASS
					VN	-3.82	-0.00151	PASS
					VH	-3.15	-0.00124	PASS
			HCH	TN	VL	-0.34	-0.00013	PASS
					VN	0.74	0.00029	PASS
					VH	2.33	0.00091	PASS
		20	LCH	TN	VL	-0.19	-0.00008	PASS
					VN	1.79	0.00071	PASS
					VH	1.00	0.0004	PASS
			MCH	TN	VL	-3.93	-0.00155	PASS
					VN	-0.93	-0.00037	PASS
					VH	-3.66	-0.00144	PASS
			HCH	TN	VL	-1.76	-0.00069	PASS
					VN	-0.69	-0.00027	PASS
					VH	-0.09	-0.00004	PASS
	LTE/TM2	5	LCH	TN	VL	5.45	0.00218	PASS
					VN	-5.02	-0.00201	PASS
					VH	16.22	0.00648	PASS
			MCH	TN	VL	-5.41	-0.00213	PASS
					VN	-3.72	-0.00147	PASS
					VH	-4.48	-0.00177	PASS
			HCH	TN	VL	-0.14	-0.00005	PASS
					VN	-0.49	-0.00019	PASS
					VH	1.33	0.00052	PASS
		10	LCH	TN	VL	-4.15	-0.00166	PASS
					VN	-5.22	-0.00208	PASS
					VH	-2.85	-0.00114	PASS
			MCH	TN	VL	-0.79	-0.00031	PASS
					VN	-3.13	-0.00123	PASS
					VH	-3.05	-0.0012	PASS
			HCH	TN	VL	-3.78	-0.00147	PASS
					VN	-4.35	-0.0017	PASS
					VH	-3.22	-0.00126	PASS
		15	LCH	TN	VL	2.69	0.00107	PASS
					VN	1.02	0.00041	PASS
					VH	1.56	0.00062	PASS
			MCH	TN	VL	-2.90	-0.00114	PASS
					VN	-3.13	-0.00123	PASS
					VH	-5.36	-0.00211	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	3.35	0.00131	PASS
					VN	3.06	0.00119	PASS
					VH	4.71	0.00184	PASS
		20	LCH	TN	VL	0.92	0.00037	PASS
					VN	2.45	0.00098	PASS
					VH	2.00	0.0008	PASS
			MCH	TN	VL	-2.98	-0.00118	PASS
					VN	-3.63	-0.00143	PASS
					VH	-3.91	-0.00154	PASS
			HCH	TN	VL	-0.89	-0.00035	PASS
					VN	-0.69	-0.00027	PASS
					VH	2.35	0.00092	PASS

8.1.2Frequency Error vs. Temperature:

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	VN	-30	-8.33	-0.0045	PASS
					-20	-6.28	-0.00339	PASS
					-10	-2.39	-0.00129	PASS
					0	-3.32	-0.00179	PASS
					10	-8.54	-0.00461	PASS
					20	-5.55	-0.003	PASS
					30	-3.40	-0.00184	PASS
					40	-3.20	-0.00173	PASS
					50	-4.12	-0.00223	PASS
			MCH	VN	-30	-4.19	-0.00223	PASS
					-20	-2.17	-0.00115	PASS
					-10	-4.18	-0.00222	PASS
					0	-3.19	-0.0017	PASS
					10	-3.29	-0.00175	PASS
					20	-3.63	-0.00193	PASS
					30	-3.23	-0.00172	PASS
					40	-3.52	-0.00187	PASS
					50	-6.05	-0.00322	PASS
			HCH	VN	-30	-0.24	-0.00013	PASS
					-20	1.69	0.00089	PASS
					-10	0.10	0.00005	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
					0	0.14	0.00007	PASS
					10	-0.16	-0.00008	PASS
					20	0.11	0.00006	PASS
					30	0.24	0.00013	PASS
					40	-0.37	-0.00019	PASS
					50	-2.99	-0.00157	PASS
		3	LCH	VN	-30	-3.09	-0.00167	PASS
					-20	-2.55	-0.00138	PASS
					-10	-3.88	-0.0021	PASS
					0	-1.29	-0.0007	PASS
					10	-2.46	-0.00133	PASS
					20	-2.62	-0.00142	PASS
					30	-3.72	-0.00201	PASS
					40	-3.92	-0.00212	PASS
					50	-3.96	-0.00214	PASS
			MCH	VN	-30	-3.96	-0.00211	PASS
					-20	-5.68	-0.00302	PASS
					-10	-2.83	-0.00151	PASS
					0	-2.95	-0.00157	PASS
					10	-3.58	-0.0019	PASS
					20	-5.35	-0.00285	PASS
					30	-3.10	-0.00165	PASS
					40	-4.35	-0.00231	PASS
					50	-3.63	-0.00193	PASS
			HCH	VN	-30	-1.73	-0.00091	PASS
					-20	-4.19	-0.0022	PASS
					-10	-2.02	-0.00106	PASS
					0	-0.24	-0.00013	PASS
					10	0.96	0.0005	PASS
					20	-0.73	-0.00038	PASS
					30	-0.82	-0.00043	PASS
					40	-0.43	-0.00023	PASS
					50	-2.65	-0.00139	PASS
		5	LCH	VN	-30	-2.22	-0.0012	PASS
					-20	-3.59	-0.00194	PASS
					-10	-2.98	-0.00161	PASS
					0	-4.41	-0.00238	PASS
					10	-4.42	-0.00239	PASS
					20	-1.70	-0.00092	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
					30	-2.42	-0.00131	PASS
					40	-2.69	-0.00145	PASS
					50	-2.20	-0.00119	PASS
			MCH	VN	-30	-12.26	-0.00652	PASS
					-20	-13.66	-0.00727	PASS
					-10	-13.93	-0.00741	PASS
					0	-13.05	-0.00694	PASS
					10	-12.53	-0.00666	PASS
					20	-13.78	-0.00733	PASS
					30	-14.38	-0.00765	PASS
					40	-12.72	-0.00677	PASS
					50	-12.56	-0.00668	PASS
			HCH	VN	-30	-0.21	-0.00011	PASS
					-20	-0.20	-0.0001	PASS
					-10	0.43	0.00023	PASS
					0	1.12	0.00059	PASS
					10	0.44	0.00023	PASS
					20	0.79	0.00041	PASS
					30	-0.23	-0.00012	PASS
					40	1.19	0.00062	PASS
					50	0.57	0.0003	PASS
		10	LCH	VN	-30	-189.89	-0.10237	PASS
					-20	-199.57	-0.10758	PASS
					-10	-206.74	-0.11145	PASS
					0	-220.64	-0.11894	PASS
					10	-219.88	-0.11853	PASS
					20	-224.52	-0.12104	PASS
					30	-229.51	-0.12373	PASS
					40	-228.98	-0.12344	PASS
					50	-233.49	-0.12587	PASS
			MCH	VN	-30	-5.35	-0.00285	PASS
					-20	-6.17	-0.00328	PASS
					-10	-3.73	-0.00198	PASS
					0	-5.59	-0.00297	PASS
					10	-5.16	-0.00274	PASS
					20	-3.55	-0.00189	PASS
					30	-3.33	-0.00177	PASS
					40	-4.55	-0.00242	PASS
					50	-5.51	-0.00293	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	VN	-30	0.11	0.00006	PASS
					-20	-0.47	-0.00025	PASS
					-10	0.19	0.0001	PASS
					0	0.87	0.00046	PASS
					10	1.10	0.00058	PASS
					20	1.00	0.00052	PASS
					30	0.92	0.00048	PASS
					40	2.05	0.00108	PASS
					50	1.75	0.00092	PASS
		15	LCH	VN	-30	-8.10	-0.00436	PASS
					-20	-7.67	-0.00413	PASS
					-10	-8.21	-0.00442	PASS
					0	-7.40	-0.00398	PASS
					10	-7.05	-0.0038	PASS
					20	-7.58	-0.00408	PASS
					30	-6.39	-0.00344	PASS
					40	-7.87	-0.00424	PASS
					50	-8.68	-0.00467	PASS
			MCH	VN	-30	-3.20	-0.0017	PASS
					-20	-2.78	-0.00148	PASS
					-10	-5.15	-0.00274	PASS
					0	-5.95	-0.00316	PASS
					10	-6.22	-0.00331	PASS
					20	-4.84	-0.00257	PASS
					30	-5.05	-0.00269	PASS
					40	-4.61	-0.00245	PASS
					50	-3.79	-0.00202	PASS
			HCH	VN	-30	-26.34	-0.01384	PASS
					-20	-24.91	-0.01309	PASS
					-10	-27.84	-0.01463	PASS
					0	-63.03	-0.03313	PASS
					10	-67.68	-0.03557	PASS
					20	-63.66	-0.03346	PASS
					30	-32.59	-0.01713	PASS
					40	-41.86	-0.022	PASS
					50	-75.46	-0.03966	PASS
		20	LCH	VN	-30	-70.85	-0.03809	PASS
					-20	-67.72	-0.03641	PASS
					-10	-65.65	-0.0353	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
					0	-42.30	-0.02274	PASS
					10	-62.64	-0.03368	PASS
					20	-50.87	-0.02735	PASS
					30	-61.10	-0.03285	PASS
					40	-33.46	-0.01799	PASS
					50	-8.14	-0.00438	PASS
			MCH	VN	-30	-4.06	-0.00216	PASS
					-20	-3.63	-0.00193	PASS
					-10	-2.32	-0.00123	PASS
					0	-3.52	-0.00187	PASS
					10	-3.36	-0.00179	PASS
					20	-4.56	-0.00243	PASS
					30	-3.49	-0.00186	PASS
					40	-3.56	-0.00189	PASS
					50	-4.51	-0.0024	PASS
			HCH	VN	-30	-2.79	-0.00147	PASS
					-20	-3.92	-0.00206	PASS
					-10	-2.89	-0.00152	PASS
					0	-3.36	-0.00177	PASS
					10	-2.90	-0.00153	PASS
					20	-3.55	-0.00187	PASS
					30	-3.03	-0.00159	PASS
					40	-2.78	-0.00146	PASS
					50	-3.15	-0.00166	PASS
	LTE/TM2	1.4	LCH	VN	-30	-2.23	-0.0012	PASS
					-20	0.21	0.00011	PASS
					-10	0.49	0.00026	PASS
					0	-6.91	-0.00373	PASS
					10	1.34	0.00072	PASS
					20	-7.31	-0.00395	PASS
					30	3.03	0.00164	PASS
					40	4.13	0.00223	PASS
					50	-5.29	-0.00286	PASS
			MCH	VN	-30	-3.12	-0.00166	PASS
					-20	-4.61	-0.00245	PASS
					-10	-5.64	-0.003	PASS
					0	-5.24	-0.00279	PASS
					10	-4.36	-0.00232	PASS
					20	-1.63	-0.00087	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
					30	-3.36	-0.00179	PASS
					40	-6.38	-0.00339	PASS
					50	-4.53	-0.00241	PASS
			HCH	VN	-30	0.21	0.00011	PASS
					-20	0.57	0.0003	PASS
					-10	-1.85	-0.00097	PASS
					0	-2.40	-0.00126	PASS
					10	-3.46	-0.00181	PASS
					20	-3.73	-0.00195	PASS
					30	-0.46	-0.00024	PASS
					40	-1.24	-0.00065	PASS
					50	-2.09	-0.00109	PASS
		3	LCH	VN	-30	-3.49	-0.00188	PASS
					-20	-4.36	-0.00235	PASS
					-10	-3.92	-0.00212	PASS
					0	-2.70	-0.00146	PASS
					10	-4.53	-0.00245	PASS
					20	-3.65	-0.00197	PASS
					30	-0.39	-0.00021	PASS
					40	-6.34	-0.00342	PASS
					50	-0.23	-0.00012	PASS
			MCH	VN	-30	-4.45	-0.00237	PASS
					-20	-3.86	-0.00205	PASS
					-10	-5.11	-0.00272	PASS
					0	-3.93	-0.00209	PASS
					10	-3.02	-0.00161	PASS
					20	-3.18	-0.00169	PASS
					30	-5.42	-0.00288	PASS
					40	-2.22	-0.00118	PASS
					50	-5.61	-0.00298	PASS
			HCH	VN	-30	0.13	0.00007	PASS
					-20	-1.07	-0.00056	PASS
					-10	0.36	0.00019	PASS
					0	1.57	0.00082	PASS
					10	1.49	0.00078	PASS
					20	0.89	0.00047	PASS
					30	-0.06	-0.00003	PASS
					40	0.29	0.00015	PASS
					50	0.41	0.00021	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
		5	LCH	VN	-30	-3.39	-0.00183	PASS
					-20	-3.13	-0.00169	PASS
					-10	-1.73	-0.00093	PASS
					0	-2.49	-0.00134	PASS
					10	-3.50	-0.00189	PASS
					20	-3.29	-0.00178	PASS
					30	-3.78	-0.00204	PASS
					40	-3.30	-0.00178	PASS
					50	-2.16	-0.00117	PASS
			MCH	VN	-30	-9.07	-0.00482	PASS
					-20	-8.74	-0.00465	PASS
					-10	-9.18	-0.00488	PASS
					0	-6.85	-0.00364	PASS
					10	-9.83	-0.00523	PASS
					20	-7.74	-0.00412	PASS
					30	-7.60	-0.00404	PASS
					40	-8.40	-0.00447	PASS
					50	-6.87	-0.00365	PASS
			HCH	VN	-30	0.34	0.00018	PASS
					-20	-1.13	-0.00059	PASS
					-10	-0.90	-0.00047	PASS
					0	-0.69	-0.00036	PASS
					10	-0.70	-0.00037	PASS
					20	0.46	0.00024	PASS
					30	-0.49	-0.00026	PASS
					40	-0.21	-0.00011	PASS
					50	0.07	0.00004	PASS
		10	LCH	VN	-30	-188.30	-0.10151	PASS
					-20	-199.43	-0.10751	PASS
					-10	-201.13	-0.10843	PASS
					0	-208.43	-0.11236	PASS
					10	-208.25	-0.11226	PASS
					20	-209.13	-0.11274	PASS
					30	-221.19	-0.11924	PASS
					40	-222.99	-0.12021	PASS
					50	-214.91	-0.11585	PASS
			MCH	VN	-30	-6.11	-0.00325	PASS
					-20	-7.21	-0.00384	PASS
					-10	-4.55	-0.00242	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
					0	-6.09	-0.00324	PASS
					10	-6.08	-0.00323	PASS
					20	-4.99	-0.00265	PASS
					30	-5.58	-0.00297	PASS
					40	-6.61	-0.00352	PASS
					50	-3.38	-0.0018	PASS
			HCH	VN	-30	1.13	0.00059	PASS
					-20	0.56	0.00029	PASS
					-10	0.31	0.00016	PASS
					0	-1.26	-0.00066	PASS
					10	-0.04	-0.00002	PASS
					20	1.59	0.00083	PASS
					30	0.66	0.00035	PASS
					40	0.84	0.00044	PASS
					50	1.04	0.00055	PASS
		15	LCH	VN	-30	-8.08	-0.00435	PASS
					-20	-8.31	-0.00447	PASS
					-10	-7.27	-0.00391	PASS
					0	-7.97	-0.00429	PASS
					10	-7.21	-0.00388	PASS
					20	-7.18	-0.00387	PASS
					30	-8.78	-0.00473	PASS
					40	-6.69	-0.0036	PASS
					50	-7.21	-0.00388	PASS
			MCH	VN	-30	-3.52	-0.00187	PASS
					-20	-3.66	-0.00195	PASS
					-10	-4.09	-0.00218	PASS
					0	-3.12	-0.00166	PASS
					10	-2.50	-0.00133	PASS
					20	-2.96	-0.00157	PASS
					30	-2.75	-0.00146	PASS
					40	-3.33	-0.00177	PASS
					50	-2.93	-0.00156	PASS
			HCH	VN	-30	-40.70	-0.02139	PASS
					-20	-8.15	-0.00428	PASS
					-10	-42.34	-0.02225	PASS
					0	-42.47	-0.02232	PASS
					10	-52.69	-0.0277	PASS
					20	-58.34	-0.03066	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
					30	-27.38	-0.01439	PASS
					40	-41.40	-0.02176	PASS
					50	-59.22	-0.03113	PASS
		20	LCH	VN	-30	-46.98	-0.02526	PASS
					-20	-50.95	-0.02739	PASS
					-10	-52.00	-0.02796	PASS
					0	-59.04	-0.03174	PASS
					10	-29.35	-0.01578	PASS
					20	-30.30	-0.01629	PASS
					30	-15.78	-0.00848	PASS
					40	-11.72	-0.0063	PASS
					50	8.91	0.00479	PASS
			MCH	VN	-30	-2.06	-0.0011	PASS
					-20	-3.46	-0.00184	PASS
					-10	-2.26	-0.0012	PASS
					0	-2.43	-0.00129	PASS
					10	-3.33	-0.00177	PASS
					20	-3.52	-0.00187	PASS
					30	-2.62	-0.00139	PASS
					40	-2.55	-0.00136	PASS
					50	-2.55	-0.00136	PASS
			HCH	VN	-30	-2.70	-0.00142	PASS
					-20	-2.62	-0.00138	PASS
					-10	-2.75	-0.00145	PASS
					0	-3.66	-0.00193	PASS
					10	-3.00	-0.00158	PASS
					20	-2.43	-0.00128	PASS
					30	-2.49	-0.00131	PASS
					40	-2.37	-0.00125	PASS
					50	-2.12	-0.00112	PASS
BAND4	LTE/TM1	1.4	LCH	VN	-30	0.80	0.00047	PASS
					-20	1.06	0.00062	PASS
					-10	1.02	0.0006	PASS
					0	7.37	0.00431	PASS
					10	0.37	0.00022	PASS
					20	4.84	0.00283	PASS
					30	0.59	0.00034	PASS
					40	3.23	0.00189	PASS
					50	1.46	0.00085	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
			MCH	VN	-30	1.03	0.00059	PASS
					-20	0.37	0.00021	PASS
					-10	0.50	0.00029	PASS
					0	0.44	0.00025	PASS
					10	-0.23	-0.00013	PASS
					20	-0.94	-0.00054	PASS
					30	0.29	0.00017	PASS
					40	-1.06	-0.00061	PASS
					50	1.54	0.00089	PASS
			HCH	VN	-30	-4.09	-0.00233	PASS
					-20	-1.09	-0.00062	PASS
					-10	-6.17	-0.00352	PASS
					0	-2.07	-0.00118	PASS
					10	-3.32	-0.00189	PASS
					20	-5.76	-0.00328	PASS
					30	-3.42	-0.00195	PASS
					40	-2.23	-0.00127	PASS
					50	-5.48	-0.00312	PASS
		3	LCH	VN	-30	8.18	0.00478	PASS
					-20	3.78	0.00221	PASS
					-10	6.42	0.00375	PASS
					0	4.89	0.00286	PASS
					10	4.05	0.00237	PASS
					20	4.61	0.00269	PASS
					30	4.05	0.00237	PASS
					40	4.61	0.00269	PASS
					50	1.95	0.00114	PASS
			MCH	VN	-30	17.22	0.00994	PASS
					-20	17.32	0.01	PASS
					-10	14.82	0.00855	PASS
					0	12.93	0.00746	PASS
					10	8.10	0.00468	PASS
					20	9.94	0.00574	PASS
					30	14.85	0.00857	PASS
					40	6.55	0.00378	PASS
					50	3.30	0.0019	PASS
			HCH	VN	-30	-0.36	-0.00021	PASS
					-20	1.07	0.00061	PASS
					-10	-0.33	-0.00019	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
					0	0.46	0.00026	PASS
					10	1.70	0.00097	PASS
					20	-1.10	-0.00063	PASS
					30	-0.19	-0.00011	PASS
					40	1.32	0.00075	PASS
					50	-0.11	-0.00006	PASS
		5	LCH	VN	-30	-27.67	-0.01616	PASS
					-20	-23.16	-0.01352	PASS
					-10	-55.03	-0.03213	PASS
					0	-39.48	-0.02305	PASS
					10	-49.27	-0.02877	PASS
					20	-35.16	-0.02053	PASS
					30	-44.10	-0.02575	PASS
					40	-18.10	-0.01057	PASS
					50	-39.58	-0.02311	PASS
			MCH	VN	-30	52.96	0.03057	PASS
					-20	24.75	0.01429	PASS
					-10	44.17	0.02549	PASS
					0	44.90	0.02592	PASS
					10	41.48	0.02394	PASS
					20	28.24	0.0163	PASS
					30	15.46	0.00892	PASS
					40	23.63	0.01364	PASS
					50	22.10	0.01276	PASS
			HCH	VN	-30	-3.65	-0.00208	PASS
					-20	-3.96	-0.00226	PASS
					-10	-4.15	-0.00237	PASS
					0	-2.66	-0.00152	PASS
					10	-3.45	-0.00197	PASS
					20	-3.05	-0.00174	PASS
					30	-1.34	-0.00076	PASS
					40	-0.59	-0.00034	PASS
					50	0.26	0.00015	PASS
		10	LCH	VN	-30	-3.02	-0.00176	PASS
					-20	-2.27	-0.00132	PASS
					-10	-2.85	-0.00166	PASS
					0	-1.83	-0.00107	PASS
					10	-1.92	-0.00112	PASS
					20	-6.07	-0.00354	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
					30	-5.31	-0.0031	PASS
					40	-4.48	-0.00261	PASS
					50	-5.21	-0.00304	PASS
			MCH	VN	-30	-54.24	-0.03131	PASS
					-20	-60.02	-0.03464	PASS
					-10	-65.72	-0.03793	PASS
					0	-68.36	-0.03946	PASS
					10	-71.04	-0.041	PASS
					20	-76.62	-0.04423	PASS
					30	-69.85	-0.04032	PASS
					40	-70.17	-0.0405	PASS
					50	-68.15	-0.03934	PASS
			HCH	VN	-30	1.65	0.00094	PASS
					-20	1.32	0.00075	PASS
					-10	2.39	0.00137	PASS
					0	2.27	0.0013	PASS
					10	1.43	0.00082	PASS
					20	1.47	0.00084	PASS
					30	1.97	0.00113	PASS
					40	1.17	0.00067	PASS
					50	1.50	0.00086	PASS
		15	LCH	VN	-30	0.04	0.00002	PASS
					-20	-4.59	-0.00267	PASS
					-10	-3.20	-0.00186	PASS
					0	-3.92	-0.00228	PASS
					10	-1.85	-0.00108	PASS
					20	-0.37	-0.00022	PASS
					30	-0.66	-0.00038	PASS
					40	-0.27	-0.00016	PASS
					50	0.56	0.00033	PASS
			MCH	VN	-30	-9.20	-0.00531	PASS
					-20	-9.07	-0.00524	PASS
					-10	-4.98	-0.00287	PASS
					0	1.22	0.0007	PASS
					10	8.77	0.00506	PASS
					20	12.33	0.00712	PASS
					30	11.29	0.00652	PASS
					40	10.66	0.00615	PASS
					50	-12.85	-0.00742	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	VN	-30	16.21	0.00928	PASS
					-20	13.32	0.00762	PASS
					-10	-5.41	-0.0031	PASS
					0	0.00	0	PASS
					10	-1.60	-0.00092	PASS
					20	-4.73	-0.00271	PASS
					30	-7.07	-0.00405	PASS
					40	-2.12	-0.00121	PASS
					50	-2.80	-0.0016	PASS
		20	LCH	VN	-30	3.02	0.00176	PASS
					-20	5.36	0.00312	PASS
					-10	6.07	0.00353	PASS
					0	4.96	0.00288	PASS
					10	5.98	0.00348	PASS
					20	5.69	0.00331	PASS
					30	5.81	0.00338	PASS
					40	6.94	0.00403	PASS
					50	6.34	0.00369	PASS
			MCH	VN	-30	1.07	0.00062	PASS
					-20	-4.42	-0.00255	PASS
					-10	-1.26	-0.00073	PASS
					0	-5.28	-0.00305	PASS
					10	-4.23	-0.00244	PASS
					20	-0.83	-0.00048	PASS
					30	-5.19	-0.003	PASS
					40	-1.04	-0.0006	PASS
					50	-2.76	-0.00159	PASS
			HCH	VN	-30	-3.08	-0.00177	PASS
					-20	-3.95	-0.00226	PASS
					-10	-2.20	-0.00126	PASS
					0	-2.29	-0.00131	PASS
					10	-4.08	-0.00234	PASS
					20	-2.88	-0.00165	PASS
					30	-3.95	-0.00226	PASS
					40	-3.35	-0.00192	PASS
					50	-3.19	-0.00183	PASS
	LTE/TM2	1.4	LCH	VN	-30	0.24	0.00014	PASS
					-20	-0.33	-0.00019	PASS
					-10	1.14	0.00067	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
					0	1.82	0.00106	PASS
					10	-1.27	-0.00074	PASS
					20	-1.85	-0.00108	PASS
					30	6.15	0.0036	PASS
					40	2.16	0.00126	PASS
					50	3.18	0.00186	PASS
			MCH	VN	-30	-1.72	-0.00099	PASS
					-20	3.88	0.00224	PASS
					-10	4.19	0.00242	PASS
					0	-2.09	-0.00121	PASS
					10	2.88	0.00166	PASS
					20	0.76	0.00044	PASS
					30	4.09	0.00236	PASS
					40	1.22	0.0007	PASS
					50	0.39	0.00023	PASS
			HCH	VN	-30	-0.87	-0.0005	PASS
					-20	-4.13	-0.00235	PASS
					-10	-3.00	-0.00171	PASS
					0	-2.78	-0.00158	PASS
					10	-3.15	-0.0018	PASS
					20	-2.36	-0.00135	PASS
					30	-1.60	-0.00091	PASS
					40	-1.75	-0.001	PASS
					50	-0.94	-0.00054	PASS
		3	LCH	VN	-30	-13.25	-0.00774	PASS
					-20	-10.91	-0.00637	PASS
					-10	-13.23	-0.00773	PASS
					0	-10.21	-0.00597	PASS
					10	-7.64	-0.00446	PASS
					20	-8.21	-0.0048	PASS
					30	-11.43	-0.00668	PASS
					40	-12.75	-0.00745	PASS
					50	-11.53	-0.00674	PASS
			MCH	VN	-30	5.55	0.0032	PASS
					-20	5.42	0.00313	PASS
					-10	4.98	0.00287	PASS
					0	4.66	0.00269	PASS
					10	5.56	0.00321	PASS
					20	4.78	0.00276	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
					30	5.38	0.00311	PASS
					40	5.81	0.00335	PASS
					50	5.84	0.00337	PASS
			HCH	VN	-30	-0.51	-0.00029	PASS
					-20	0.72	0.00041	PASS
					-10	0.72	0.00041	PASS
					0	1.85	0.00106	PASS
					10	1.02	0.00058	PASS
					20	-0.47	-0.00027	PASS
					30	0.67	0.00038	PASS
					40	2.05	0.00117	PASS
					50	0.74	0.00042	PASS
		5	LCH	VN	-30	47.62	0.02781	PASS
					-20	42.76	0.02497	PASS
					-10	50.17	0.0293	PASS
					0	48.54	0.02834	PASS
					10	45.76	0.02672	PASS
					20	49.50	0.02891	PASS
					30	51.66	0.03017	PASS
					40	45.08	0.02632	PASS
					50	46.75	0.0273	PASS
			MCH	VN	-30	5.32	0.00307	PASS
					-20	6.08	0.00351	PASS
					-10	5.52	0.00319	PASS
					0	4.31	0.00249	PASS
					10	5.35	0.00309	PASS
					20	5.12	0.00296	PASS
					30	2.79	0.00161	PASS
					40	4.46	0.00257	PASS
					50	3.88	0.00224	PASS
			HCH	VN	-30	-1.67	-0.00095	PASS
					-20	-1.62	-0.00092	PASS
					-10	-2.19	-0.00125	PASS
					0	-3.92	-0.00224	PASS
					10	-2.30	-0.00131	PASS
					20	-3.18	-0.00181	PASS
					30	-3.58	-0.00204	PASS
					40	-4.03	-0.0023	PASS
					50	-4.38	-0.0025	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
		10	LCH	VN	-30	-2.53	-0.00148	PASS
					-20	-2.10	-0.00122	PASS
					-10	-2.79	-0.00163	PASS
					0	-4.78	-0.00279	PASS
					10	-1.69	-0.00099	PASS
					20	-3.53	-0.00206	PASS
					30	-3.15	-0.00184	PASS
					40	-2.76	-0.00161	PASS
					50	-3.39	-0.00198	PASS
			MCH	VN	-30	123.57	0.07132	PASS
					-20	117.97	0.06809	PASS
					-10	125.56	0.07247	PASS
					0	131.32	0.0758	PASS
					10	123.05	0.07102	PASS
					20	122.31	0.0706	PASS
					30	121.91	0.07037	PASS
					40	120.28	0.06943	PASS
					50	121.12	0.06991	PASS
			HCH	VN	-30	3.95	0.00226	PASS
					-20	3.50	0.002	PASS
					-10	2.45	0.0014	PASS
					0	1.79	0.00102	PASS
					10	2.06	0.00118	PASS
					20	2.92	0.00167	PASS
					30	2.59	0.00148	PASS
					40	3.55	0.00203	PASS
					50	3.71	0.00212	PASS
		15	LCH	VN	-30	0.14	0.00008	PASS
					-20	-0.07	-0.00004	PASS
					-10	-0.34	-0.0002	PASS
					0	-2.13	-0.00124	PASS
					10	-0.19	-0.00011	PASS
					20	0.69	0.0004	PASS
					30	0.51	0.0003	PASS
					40	0.33	0.00019	PASS
					50	-0.69	-0.0004	PASS
			MCH	VN	-30	71.11	0.04104	PASS
					-20	64.85	0.03743	PASS
					-10	63.00	0.03636	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
					0	66.91	0.03862	PASS
					10	62.01	0.03579	PASS
					20	63.51	0.03666	PASS
					30	57.01	0.03291	PASS
					40	53.57	0.03092	PASS
BAND7	LTE/TM1	5	LCH	VN	-30	9.87	0.00394	PASS
					-20	0.87	0.00035	PASS
					-10	4.81	0.00192	PASS
					0	3.15	0.00126	PASS
					10	-3.23	-0.00129	PASS
					20	1.07	0.00043	PASS
					30	-1.24	-0.0005	PASS
					40	0.66	0.00026	PASS
					50	2.93	0.00117	PASS
			MCH	VN	-30	-2.63	-0.00104	PASS
					-20	-2.57	-0.00101	PASS
					-10	-0.70	-0.00028	PASS
					0	-1.50	-0.00059	PASS
					10	-1.50	-0.00059	PASS
					20	-2.27	-0.0009	PASS
					30	-2.19	-0.00086	PASS
					40	-2.88	-0.00114	PASS
					50	-1.79	-0.00071	PASS
			HCH	VN	-30	1.47	0.00057	PASS
					-20	0.50	0.00019	PASS
					-10	0.77	0.0003	PASS
					0	3.43	0.00134	PASS
					10	-2.37	-0.00092	PASS
					20	0.82	0.00032	PASS
					30	-0.69	-0.00027	PASS
					40	1.47	0.00057	PASS
					50	0.60	0.00023	PASS
		10	LCH	VN	-30	-1.86	-0.00074	PASS
					-20	-1.24	-0.0005	PASS
					-10	-1.47	-0.00059	PASS
					0	-4.29	-0.00171	PASS
					10	-2.80	-0.00112	PASS
					20	-3.76	-0.0015	PASS
					30	-4.13	-0.00165	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
					40	-3.23	-0.00129	PASS
					50	-3.00	-0.0012	PASS
			MCH	VN	-30	-2.79	-0.0011	PASS
					-20	-3.50	-0.00138	PASS
					-10	-2.36	-0.00093	PASS
					0	-0.92	-0.00036	PASS
					10	-1.49	-0.00059	PASS
					20	-0.62	-0.00024	PASS
					30	-2.98	-0.00118	PASS
					40	-3.83	-0.00151	PASS
					50	-2.15	-0.00085	PASS
			HCH	VN	-30	-4.56	-0.00178	PASS
					-20	-2.29	-0.00089	PASS
					-10	-2.68	-0.00104	PASS
					0	-2.07	-0.00081	PASS
					10	-3.68	-0.00143	PASS
					20	-4.52	-0.00176	PASS
					30	-1.00	-0.00039	PASS
					40	-2.59	-0.00101	PASS
					50	-4.61	-0.0018	PASS
		15	LCH	VN	-30	4.51	0.0018	PASS
					-20	4.36	0.00174	PASS
					-10	6.92	0.00276	PASS
					0	4.26	0.0017	PASS
					10	2.66	0.00106	PASS
					20	4.28	0.00171	PASS
					30	4.06	0.00162	PASS
					40	4.29	0.00171	PASS
					50	3.73	0.00149	PASS
			MCH	VN	-30	-3.59	-0.00142	PASS
					-20	-1.60	-0.00063	PASS
					-10	-3.09	-0.00122	PASS
					0	-3.72	-0.00147	PASS
					10	-3.15	-0.00124	PASS
					20	-4.22	-0.00166	PASS
					30	-3.50	-0.00138	PASS
					40	-1.79	-0.00071	PASS
					50	-4.33	-0.00171	PASS
			HCH	VN	-30	2.95	0.00115	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
					-20	1.75	0.00068	PASS
					-10	1.00	0.00039	PASS
					0	2.50	0.00098	PASS
					10	0.43	0.00017	PASS
					20	3.23	0.00126	PASS
					30	1.30	0.00051	PASS
					40	2.26	0.00088	PASS
					50	0.76	0.0003	PASS
		20	LCH	VN	-30	-0.41	-0.00016	PASS
					-20	-0.77	-0.00031	PASS
					-10	1.20	0.00048	PASS
					0	3.13	0.00125	PASS
					10	4.51	0.0018	PASS
					20	0.07	0.00003	PASS
					30	0.62	0.00025	PASS
					40	-0.27	-0.00011	PASS
					50	1.40	0.00056	PASS
			MCH	VN	-30	-3.76	-0.00148	PASS
					-20	-2.05	-0.00081	PASS
					-10	-3.22	-0.00127	PASS
					0	-2.69	-0.00106	PASS
					10	-3.36	-0.00133	PASS
					20	-0.97	-0.00038	PASS
					30	-3.18	-0.00125	PASS
					40	-3.45	-0.00136	PASS
					50	-4.52	-0.00178	PASS
			HCH	VN	-30	-0.47	-0.00018	PASS
					-20	-0.21	-0.00008	PASS
					-10	0.13	0.00005	PASS
					0	-0.57	-0.00022	PASS
					10	-3.00	-0.00117	PASS
					20	-0.80	-0.00031	PASS
					30	-0.51	-0.0002	PASS
					40	-0.90	-0.00035	PASS
					50	0.93	0.00036	PASS
	LTE/TM2	5	LCH	VN	-30	-4.95	-0.00198	PASS
					-20	-3.59	-0.00143	PASS
					-10	-0.57	-0.00023	PASS
					0	-11.62	-0.00464	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
					10	-5.54	-0.00221	PASS
					20	-0.87	-0.00035	PASS
					30	-0.74	-0.0003	PASS
					40	-1.67	-0.00067	PASS
					50	-2.32	-0.00093	PASS
			MCH	VN	-30	-3.22	-0.00127	PASS
					-20	-3.22	-0.00127	PASS
					-10	-3.62	-0.00143	PASS
					0	-3.71	-0.00146	PASS
					10	-3.82	-0.00151	PASS
					20	-2.98	-0.00118	PASS
					30	-0.33	-0.00013	PASS
					40	-2.99	-0.00118	PASS
					50	-1.66	-0.00065	PASS
			HCH	VN	-30	-0.17	-0.00007	PASS
					-20	-3.19	-0.00124	PASS
					-10	4.03	0.00157	PASS
					0	0.10	0.00004	PASS
					10	0.34	0.00013	PASS
					20	-2.78	-0.00108	PASS
					30	-2.50	-0.00097	PASS
					40	-1.95	-0.00076	PASS
					50	-3.13	-0.00122	PASS
		10	LCH	VN	-30	-3.53	-0.00141	PASS
					-20	-2.07	-0.00083	PASS
					-10	-2.69	-0.00107	PASS
					0	-2.25	-0.0009	PASS
					10	-3.60	-0.00144	PASS
					20	-2.17	-0.00087	PASS
					30	-5.78	-0.00231	PASS
					40	-3.63	-0.00145	PASS
					50	-3.98	-0.00159	PASS
			MCH	VN	-30	-1.86	-0.00073	PASS
					-20	-2.57	-0.00101	PASS
					-10	-1.87	-0.00074	PASS
					0	-5.62	-0.00222	PASS
					10	-2.33	-0.00092	PASS
					20	-3.98	-0.00157	PASS
					30	-5.51	-0.00217	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
					40	-1.46	-0.00058	PASS
					50	-2.73	-0.00108	PASS
			HCH	VN	-30	-3.13	-0.00122	PASS
					-20	-1.53	-0.0006	PASS
					-10	-3.56	-0.00139	PASS
					0	-1.04	-0.00041	PASS
					10	-1.92	-0.00075	PASS
					20	-1.36	-0.00053	PASS
					30	-0.40	-0.00016	PASS
					40	-2.78	-0.00108	PASS
					50	-4.12	-0.00161	PASS
		15	LCH	VN	-30	2.76	0.0011	PASS
					-20	3.28	0.00131	PASS
					-10	3.82	0.00152	PASS
					0	4.26	0.0017	PASS
					10	3.68	0.00147	PASS
					20	3.02	0.0012	PASS
					30	4.76	0.0019	PASS
					40	4.15	0.00166	PASS
					50	4.01	0.0016	PASS
			MCH	VN	-30	-3.83	-0.00151	PASS
					-20	-2.36	-0.00093	PASS
					-10	-1.59	-0.00063	PASS
					0	-2.30	-0.00091	PASS
					10	-3.03	-0.0012	PASS
					20	-2.47	-0.00097	PASS
					30	-3.32	-0.00131	PASS
					40	-3.46	-0.00136	PASS
					50	-1.29	-0.00051	PASS
			HCH	VN	-30	0.07	0.00003	PASS
					-20	2.72	0.00106	PASS
					-10	2.27	0.00089	PASS
					0	1.44	0.00056	PASS
					10	4.81	0.00188	PASS
					20	4.02	0.00157	PASS
					30	3.00	0.00117	PASS
					40	3.81	0.00149	PASS
					50	2.45	0.00096	PASS
		20	LCH	VN	-30	3.91	0.00156	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
					-20	3.40	0.00135	PASS
					-10	3.39	0.00135	PASS
					0	2.59	0.00103	PASS
					10	3.60	0.00143	PASS
					20	2.78	0.00111	PASS
					30	1.82	0.00073	PASS
					40	1.46	0.00058	PASS
					50	1.96	0.00078	PASS
			MCH	VN	-30	-2.25	-0.00089	PASS
					-20	-3.48	-0.00137	PASS
					-10	-2.33	-0.00092	PASS
					0	-4.51	-0.00178	PASS
					10	-5.91	-0.00233	PASS
					20	-2.75	-0.00108	PASS
					30	-3.26	-0.00129	PASS
					40	-3.46	-0.00136	PASS
					50	-5.18	-0.00204	PASS
			HCH	VN	-30	1.59	0.00062	PASS
					-20	0.13	0.00005	PASS
					-10	0.51	0.0002	PASS
					0	0.29	0.00011	PASS
					10	-0.30	-0.00012	PASS
					20	0.41	0.00016	PASS
					30	1.07	0.00042	PASS
					40	1.42	0.00055	PASS
					50	0.27	0.00011	PASS

END

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