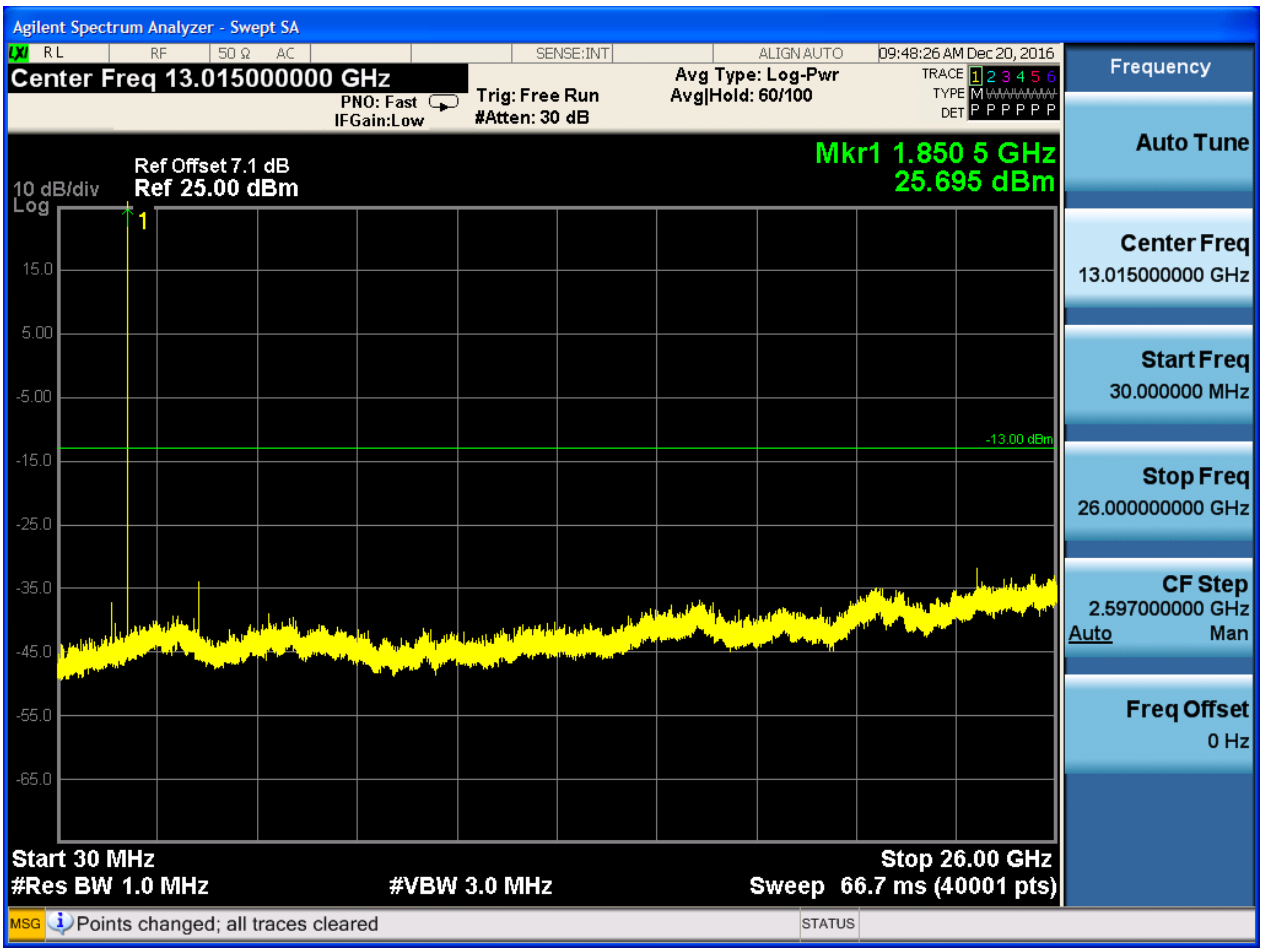

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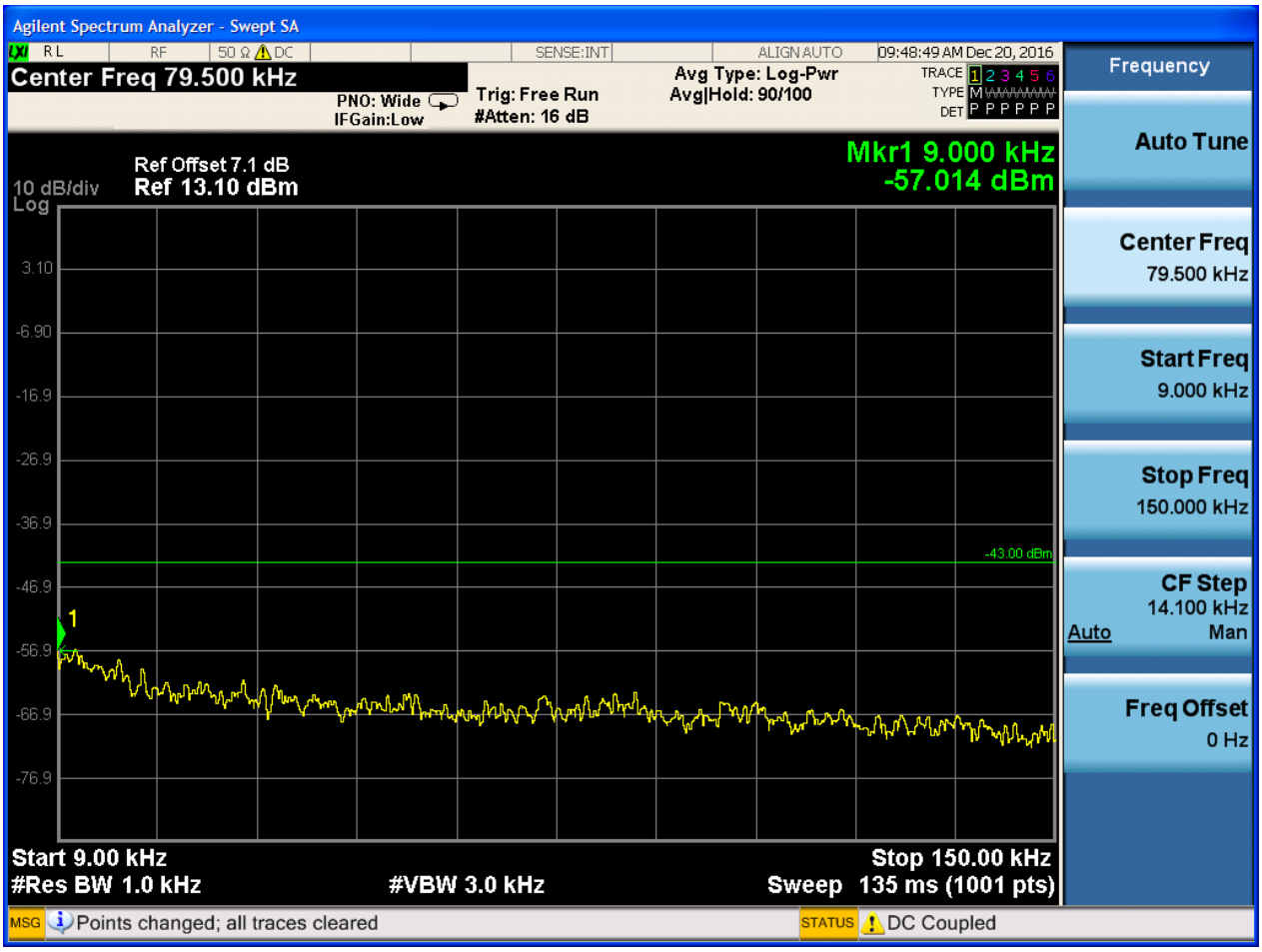
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



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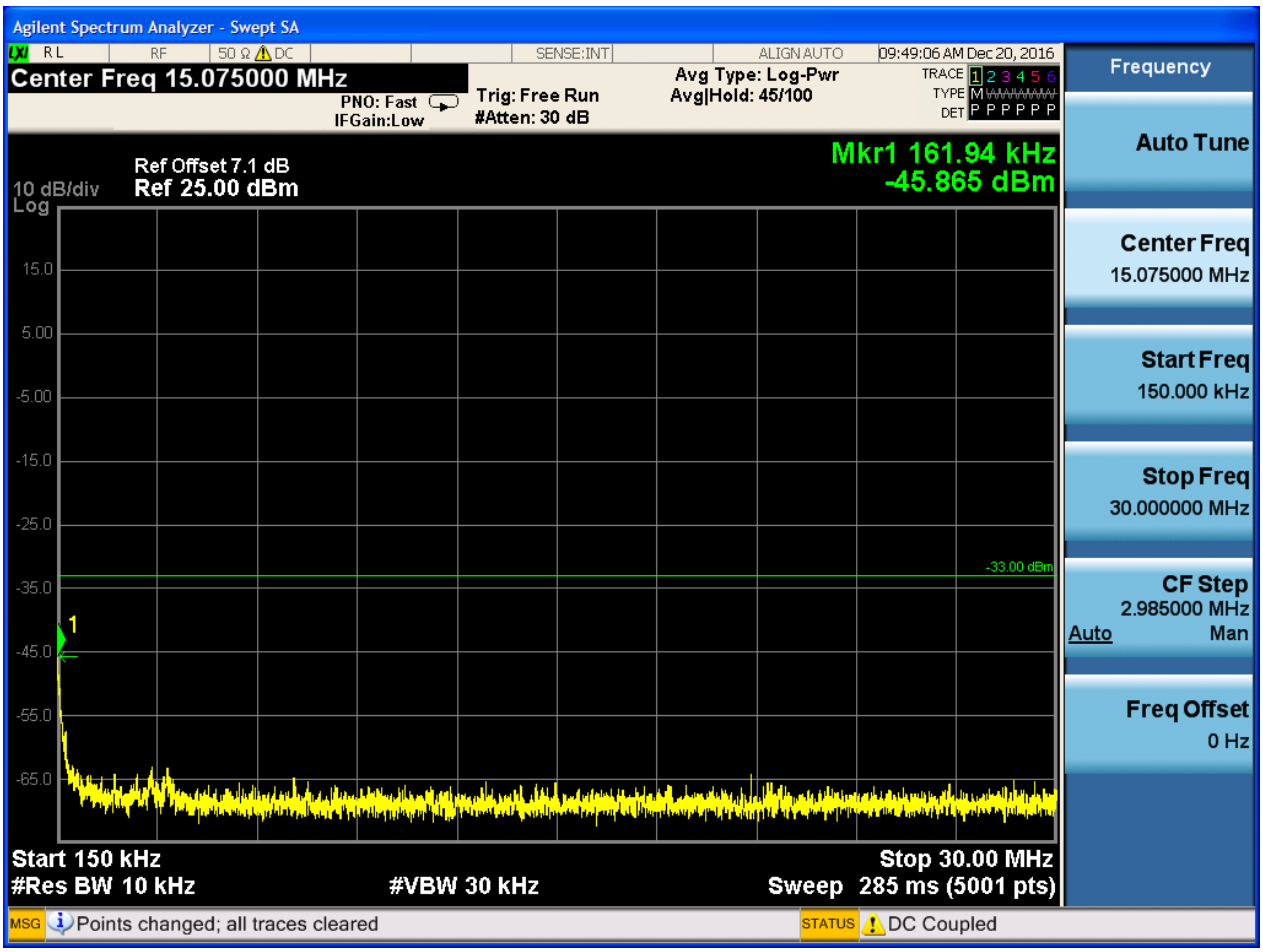

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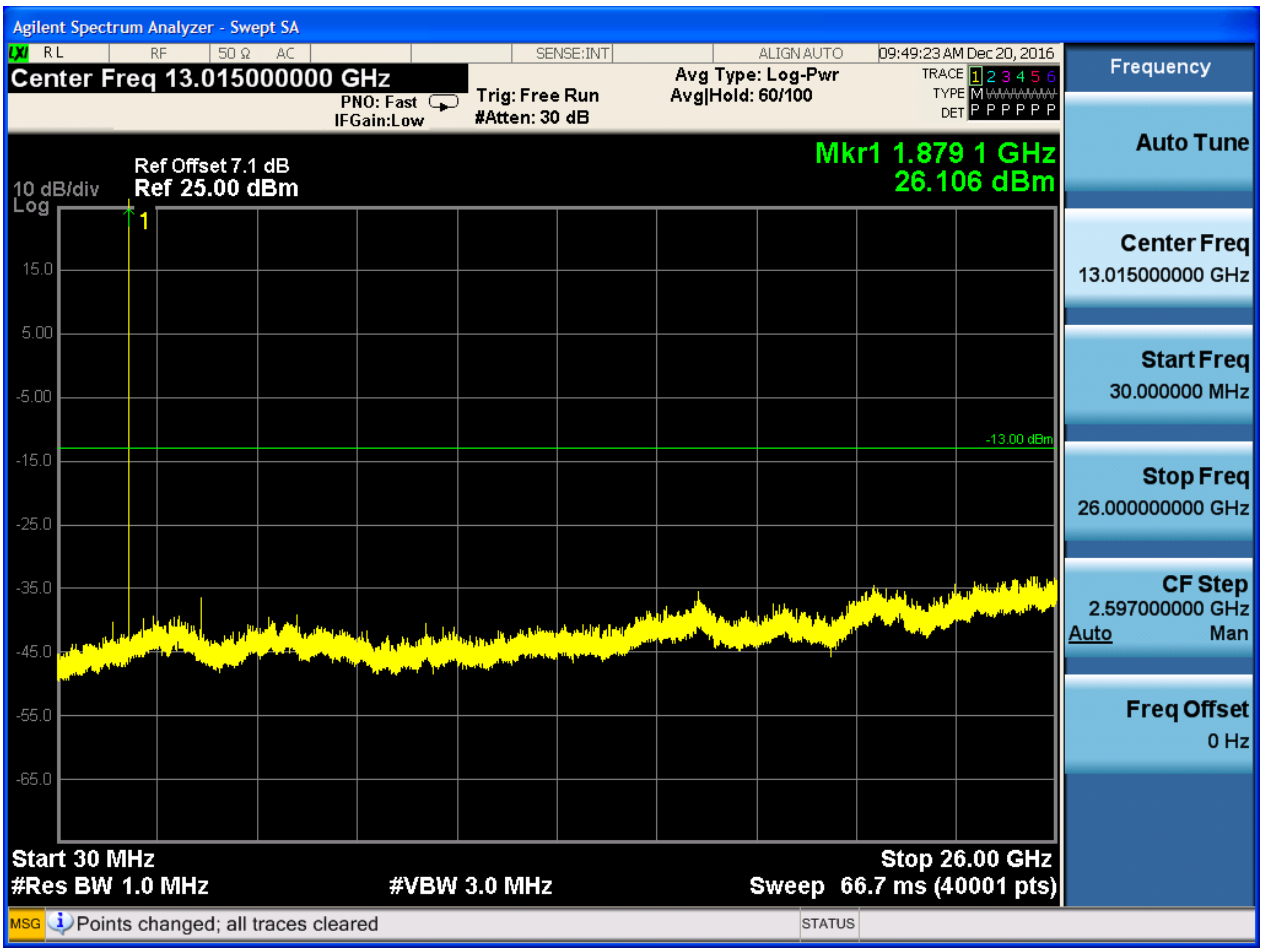

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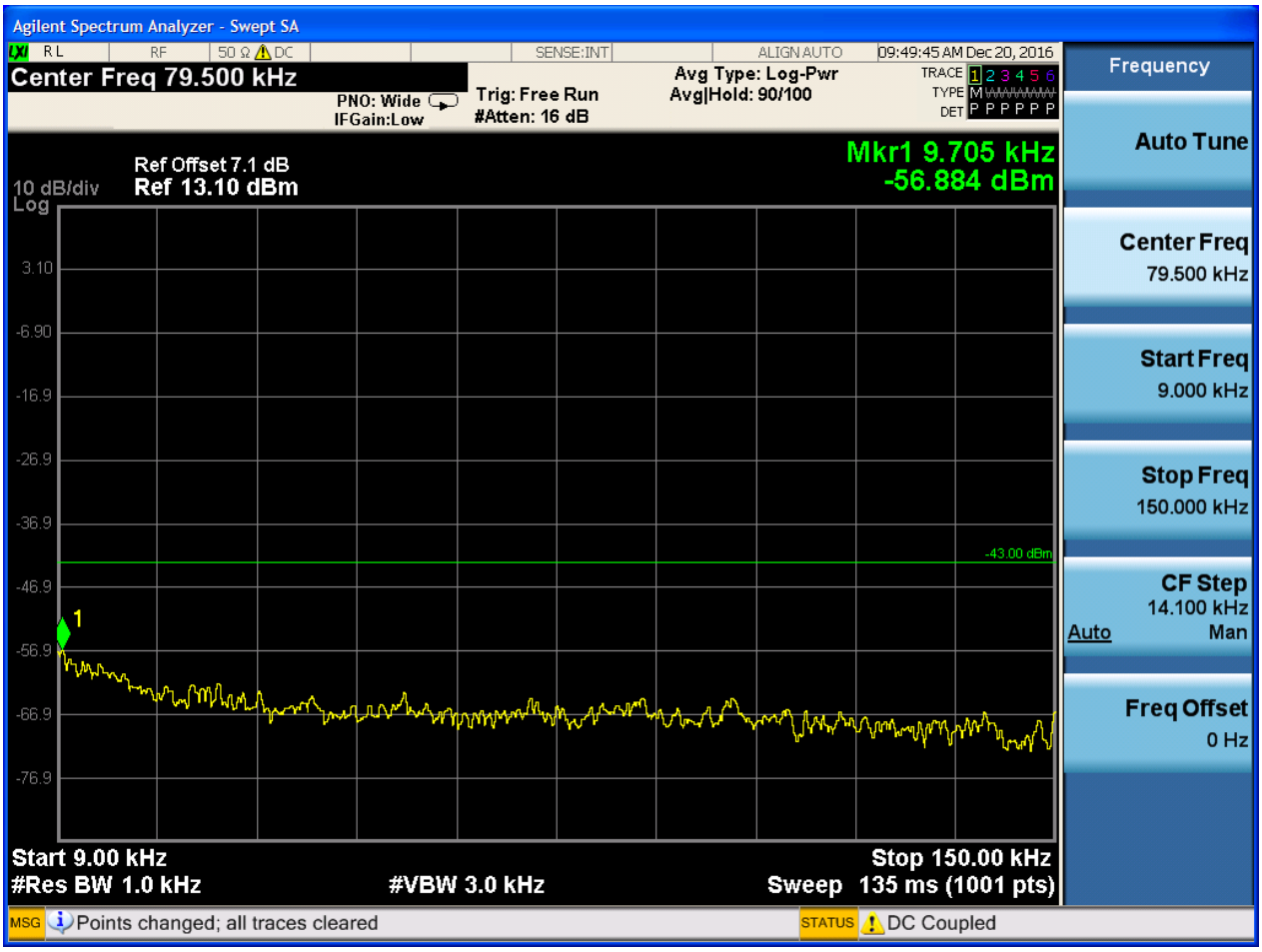
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0



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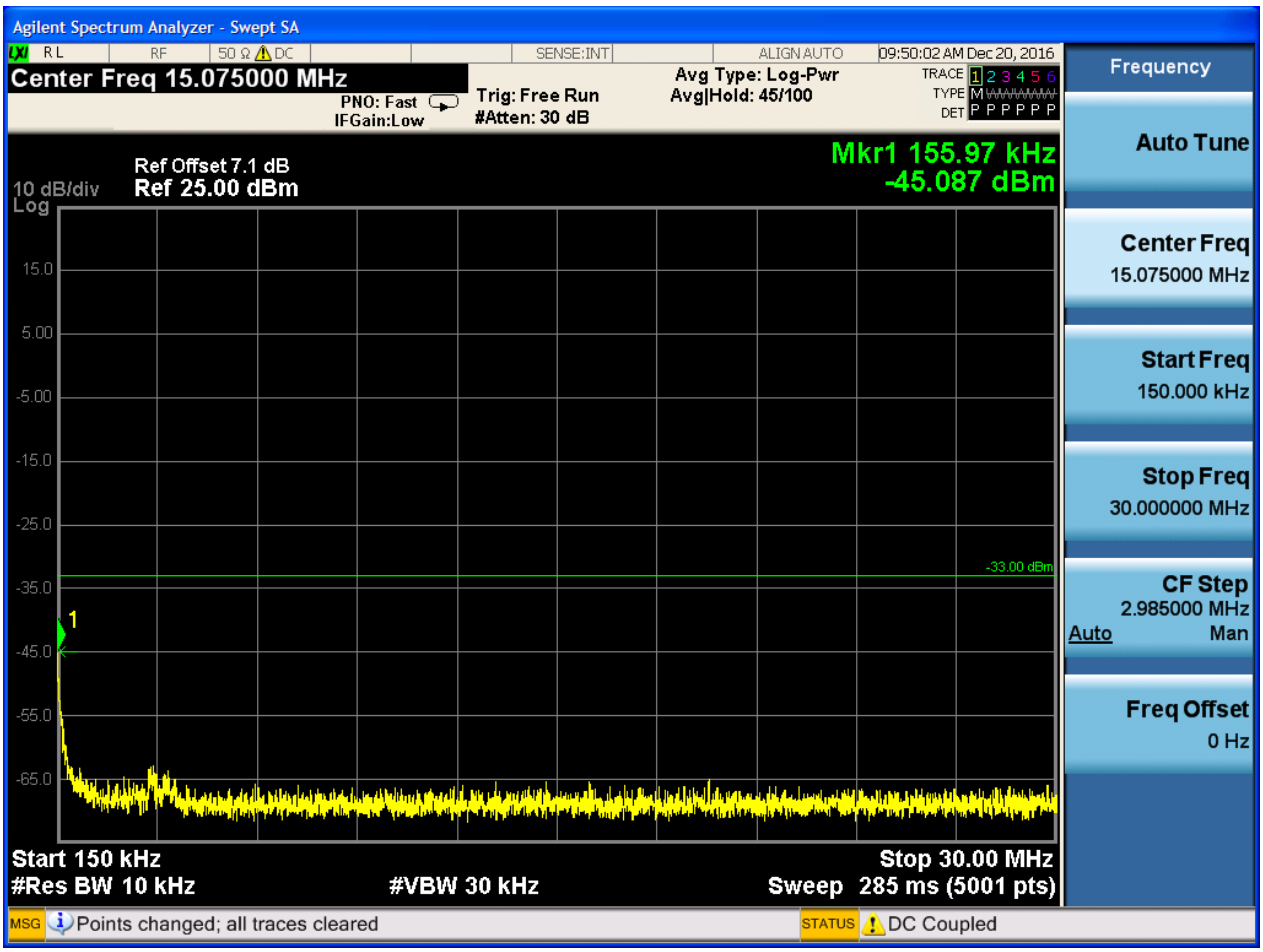

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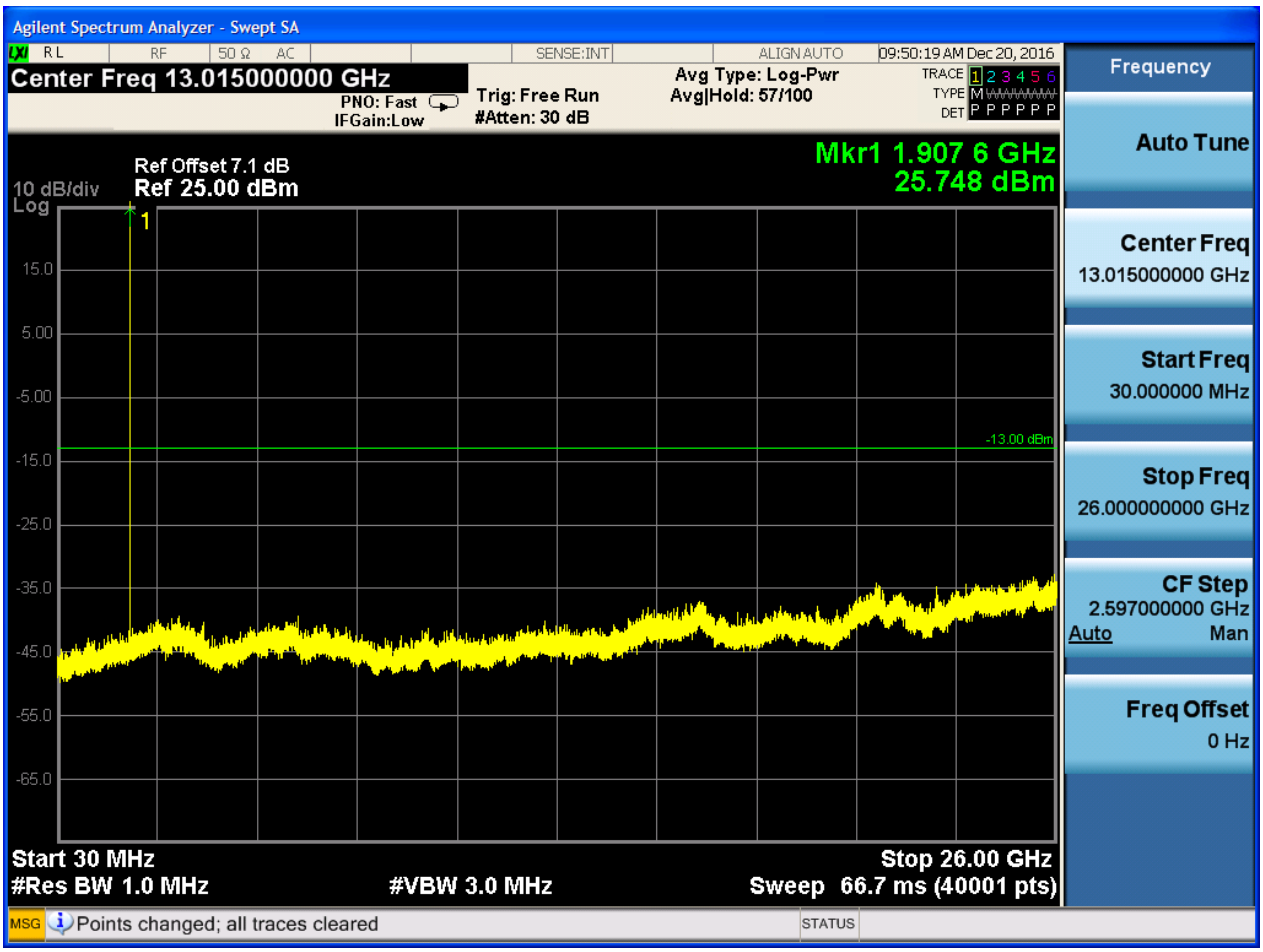

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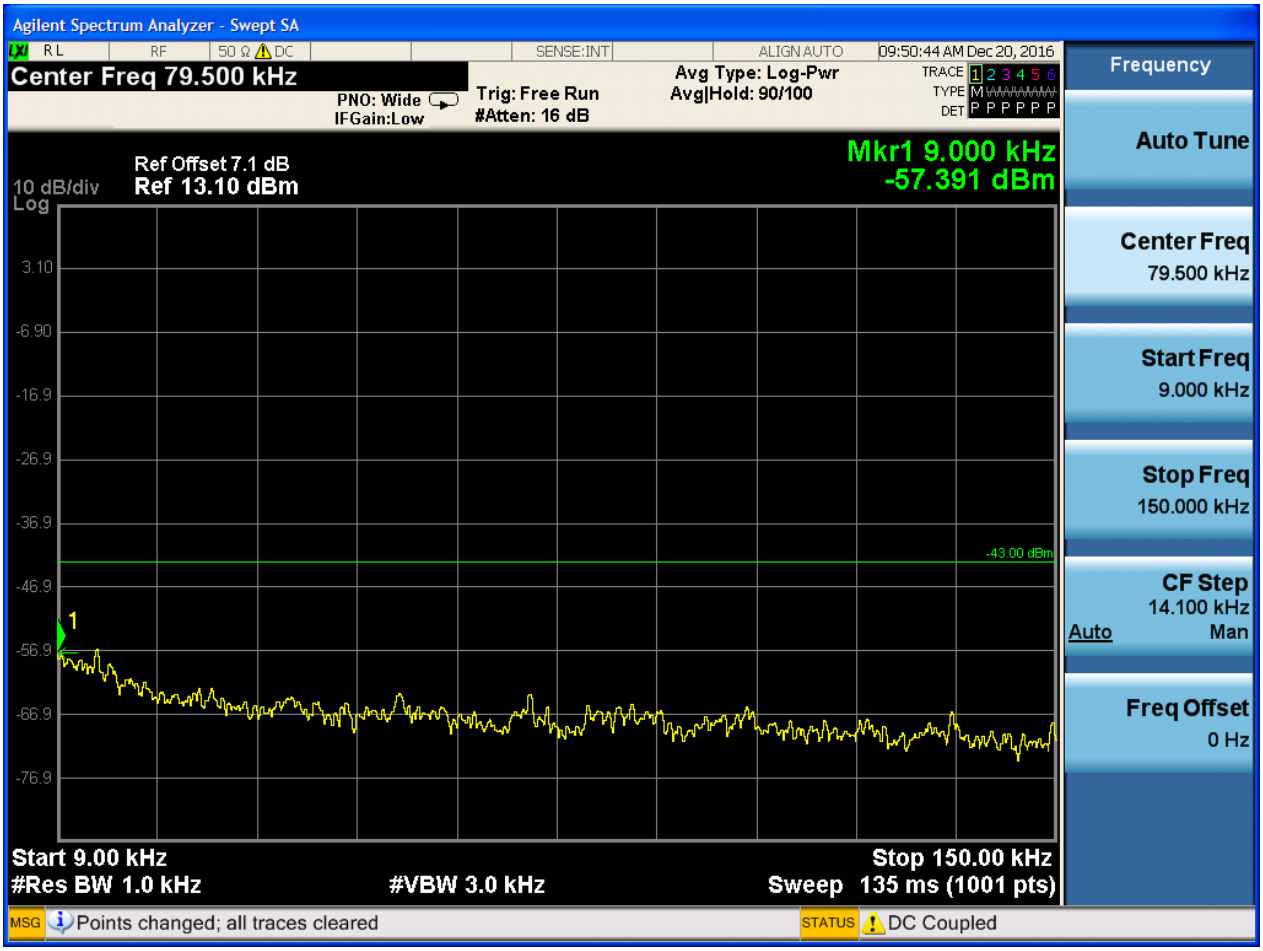
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



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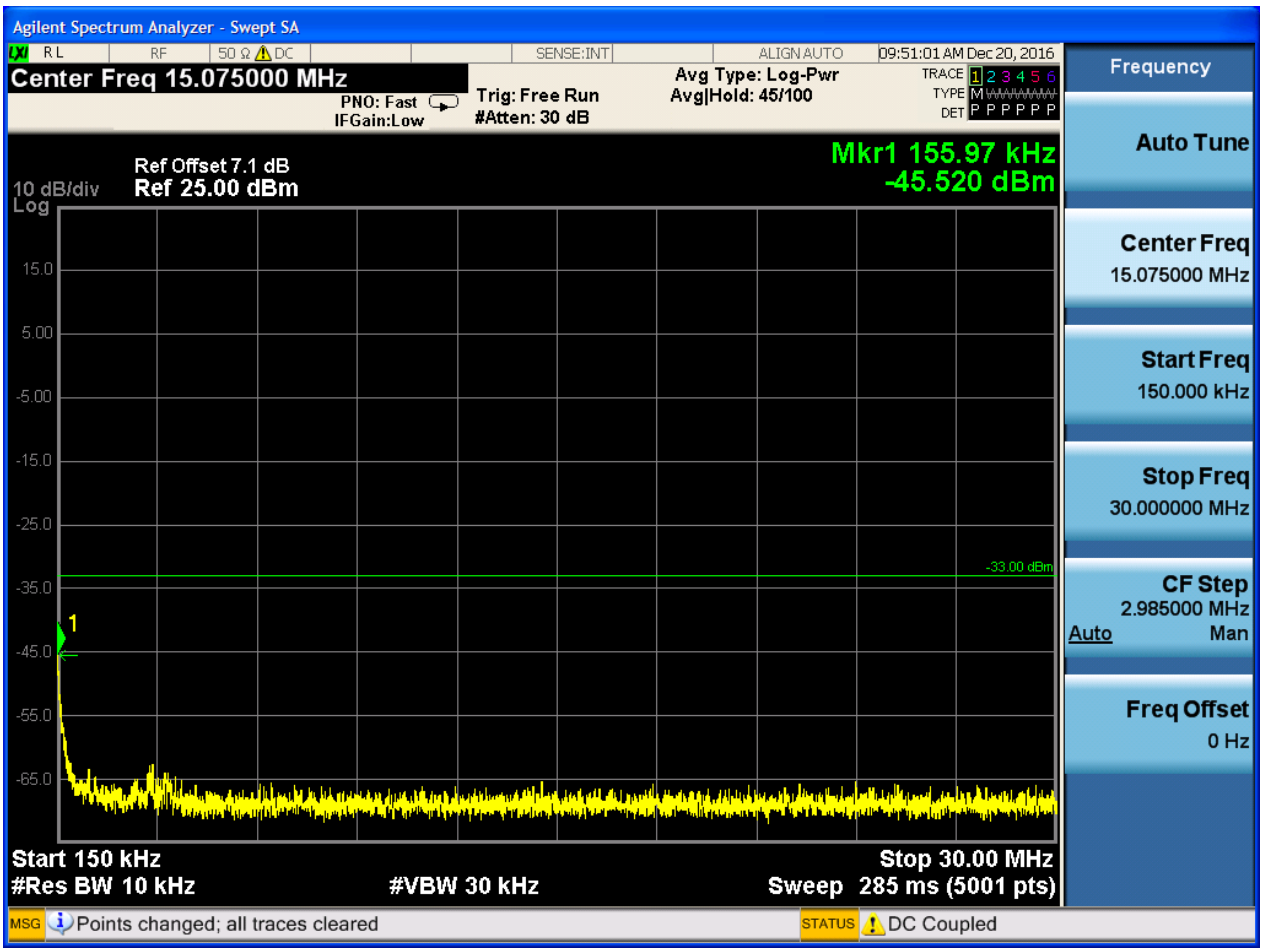

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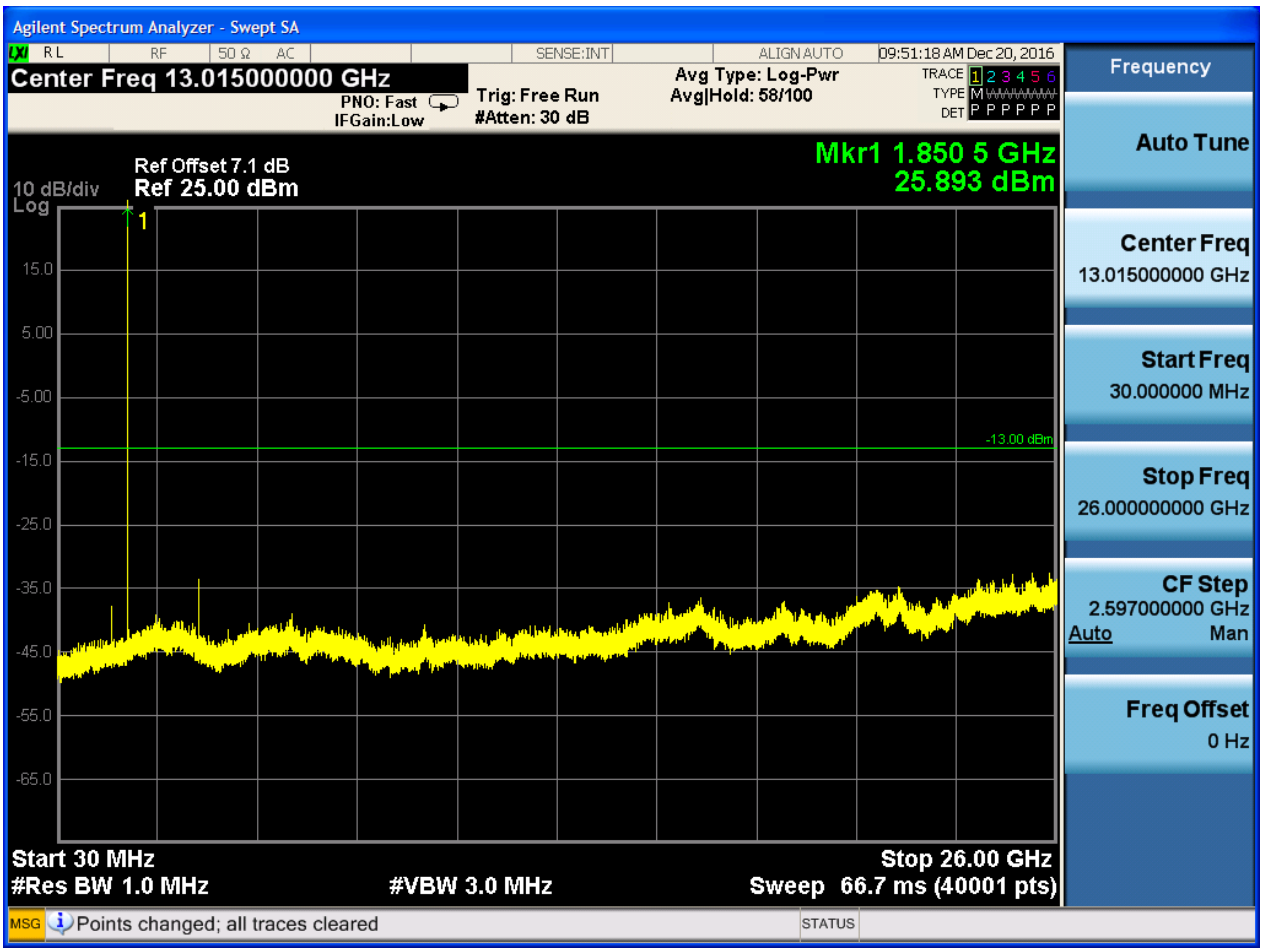

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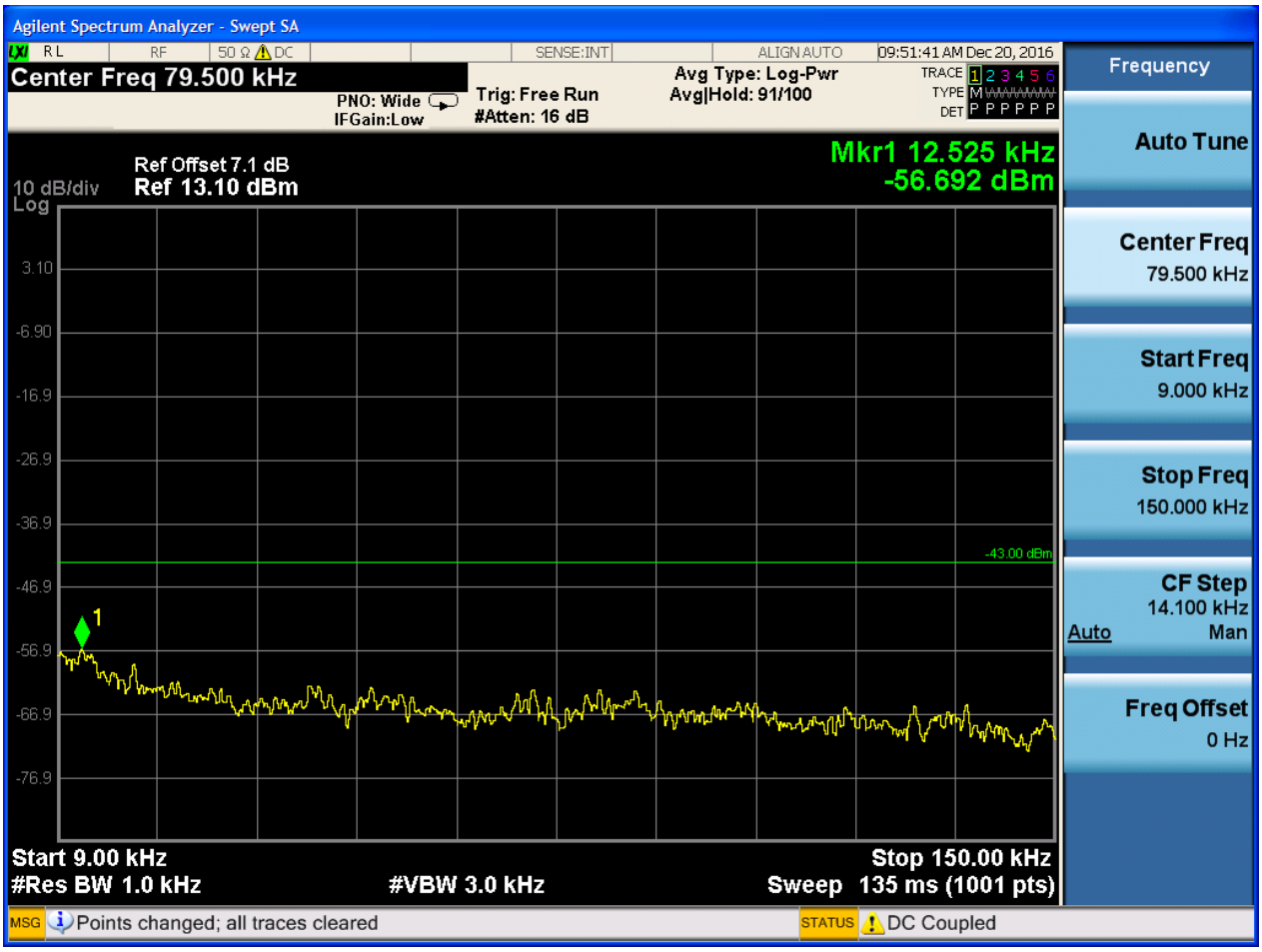
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



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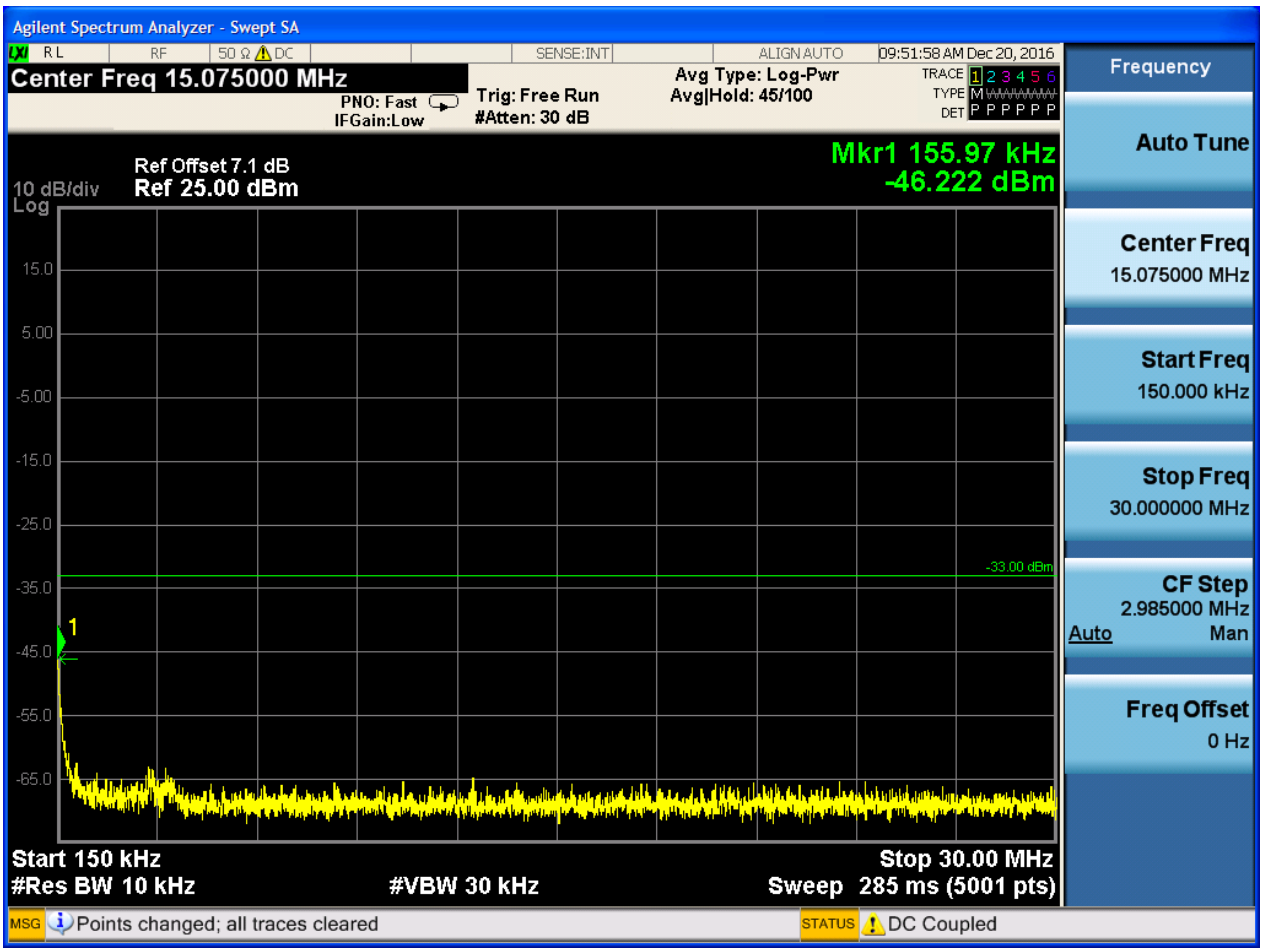

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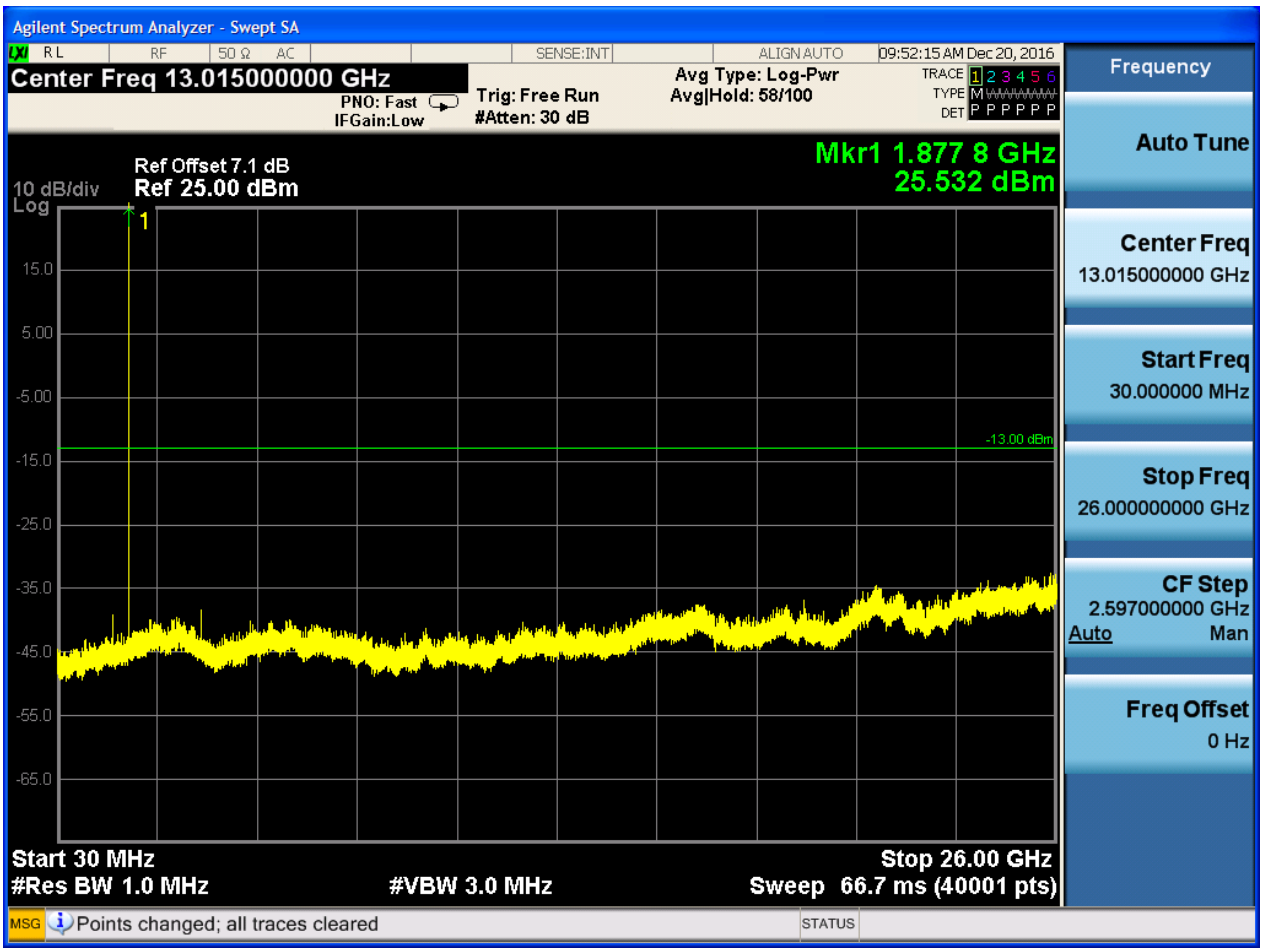

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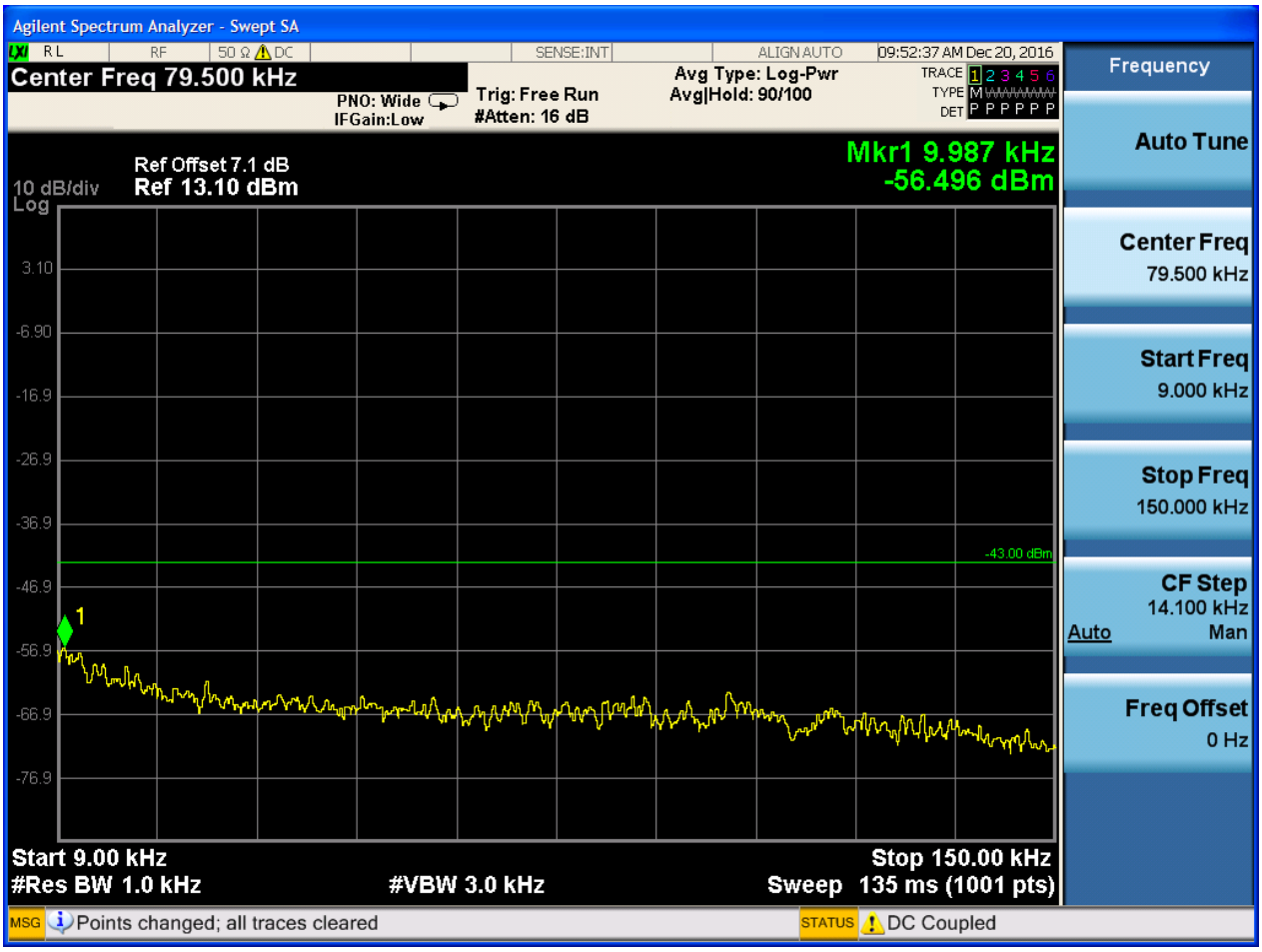
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0



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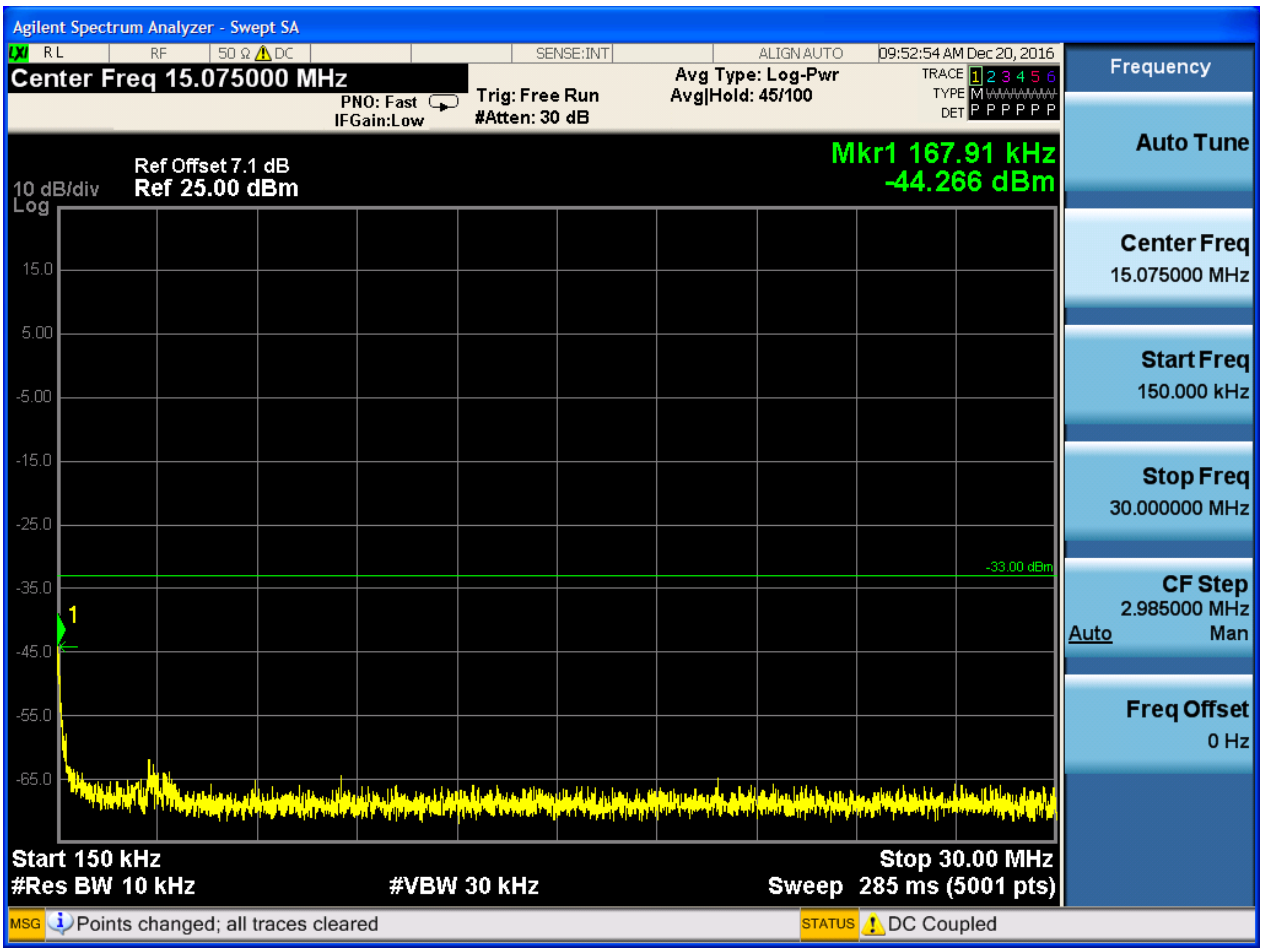

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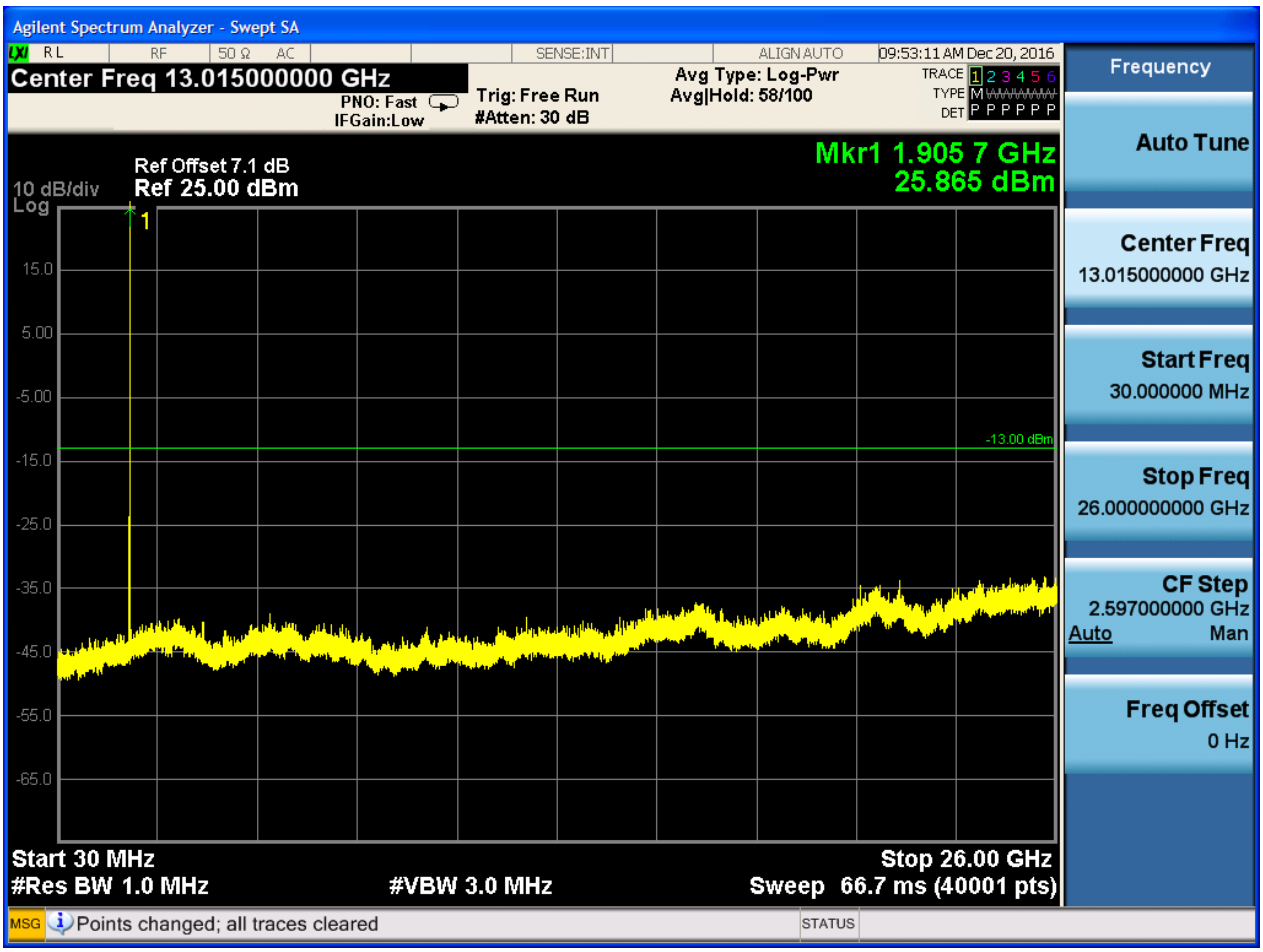

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6.1.1.2.4 Test Bandwidth = 10

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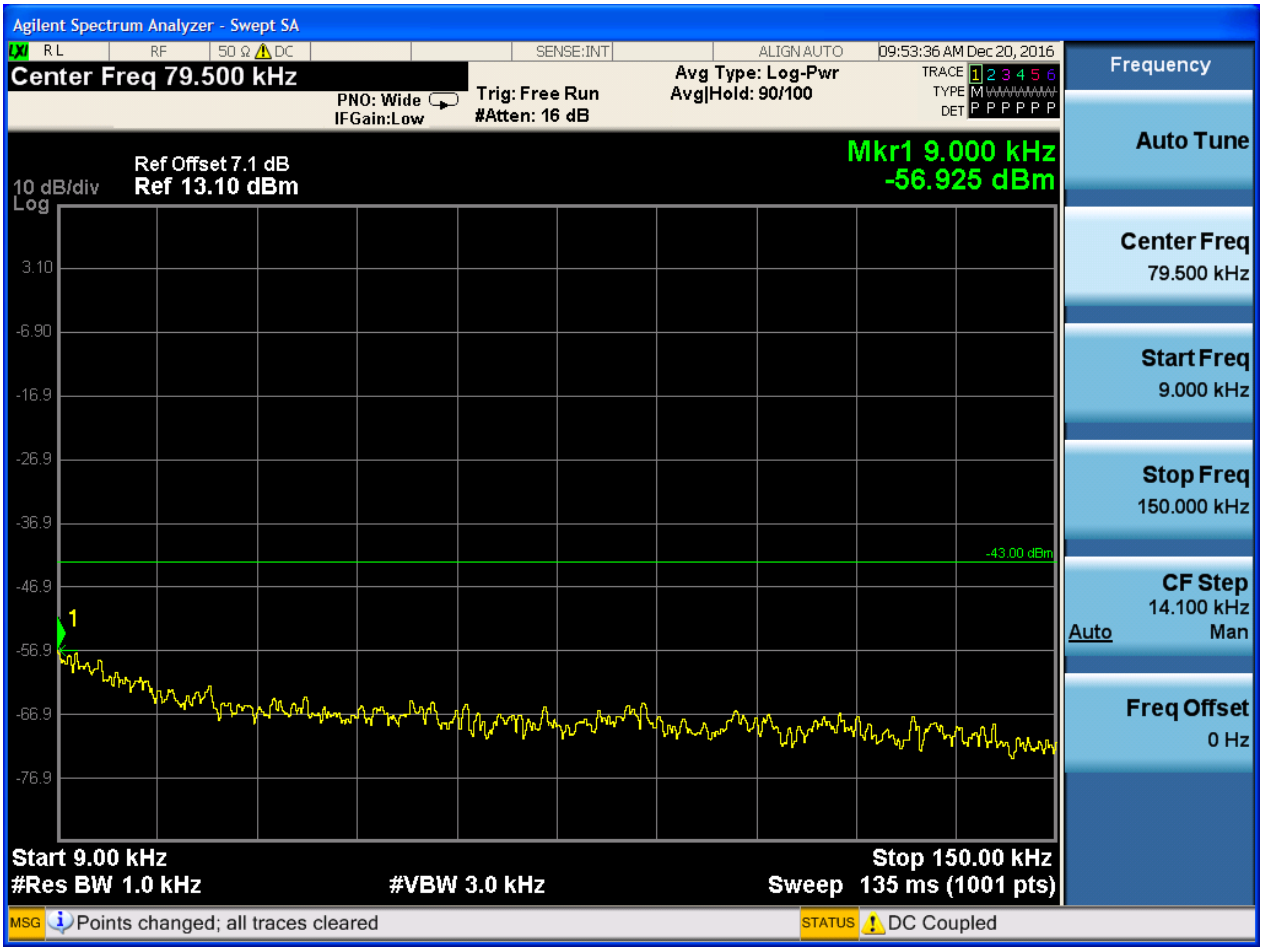
6.1.1.2.4.1.1 Test RB = RB1#0



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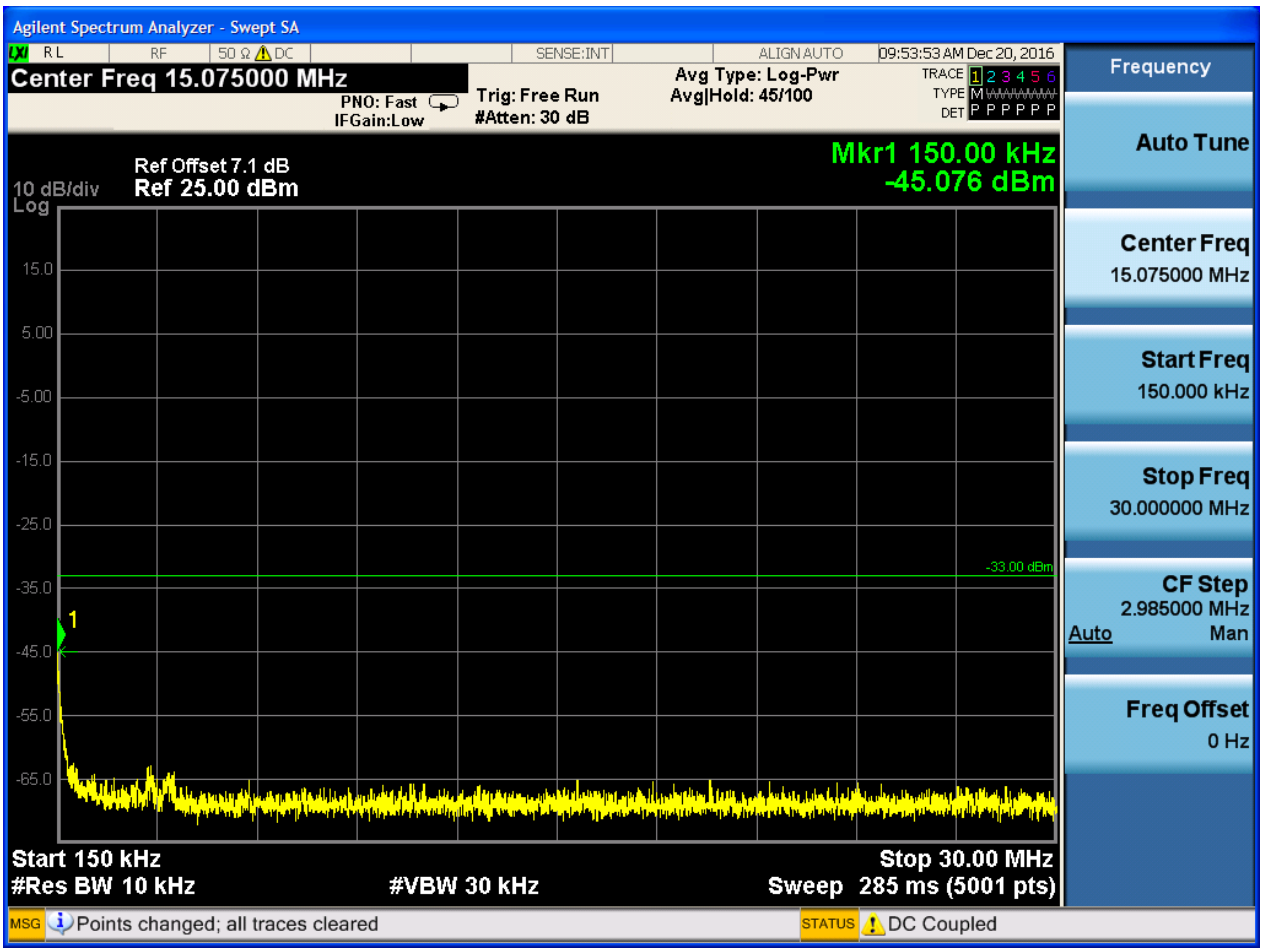

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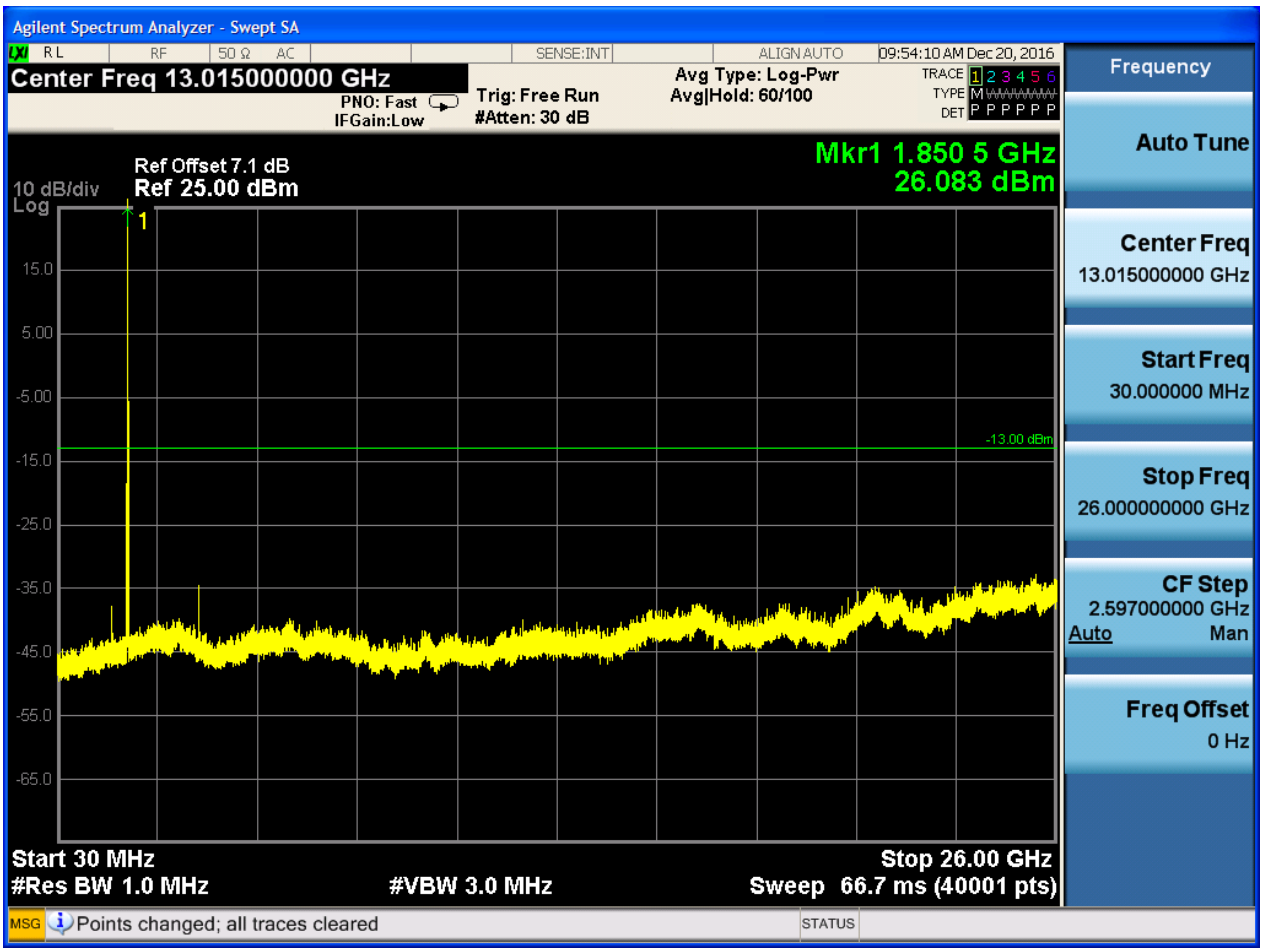

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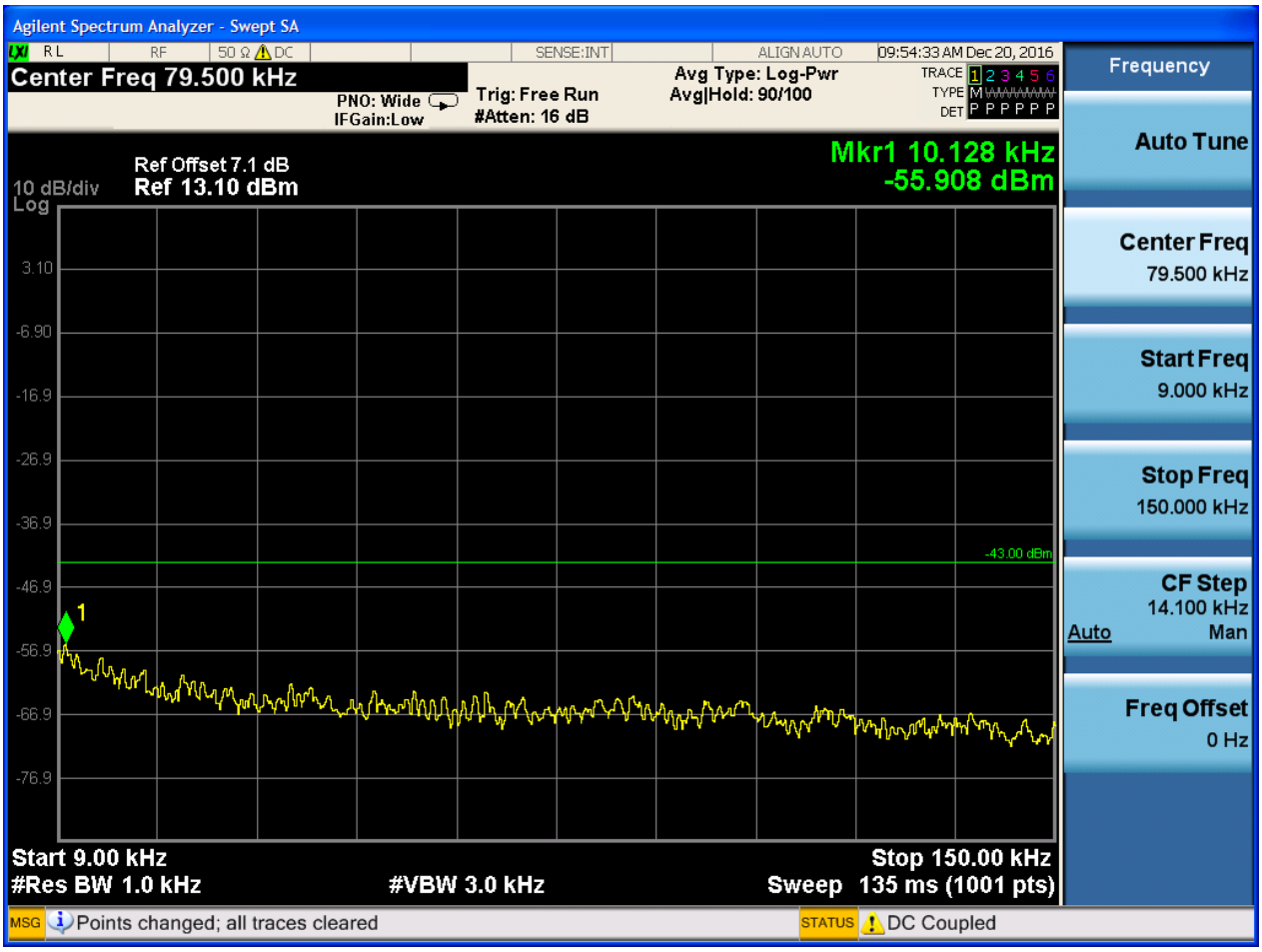
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



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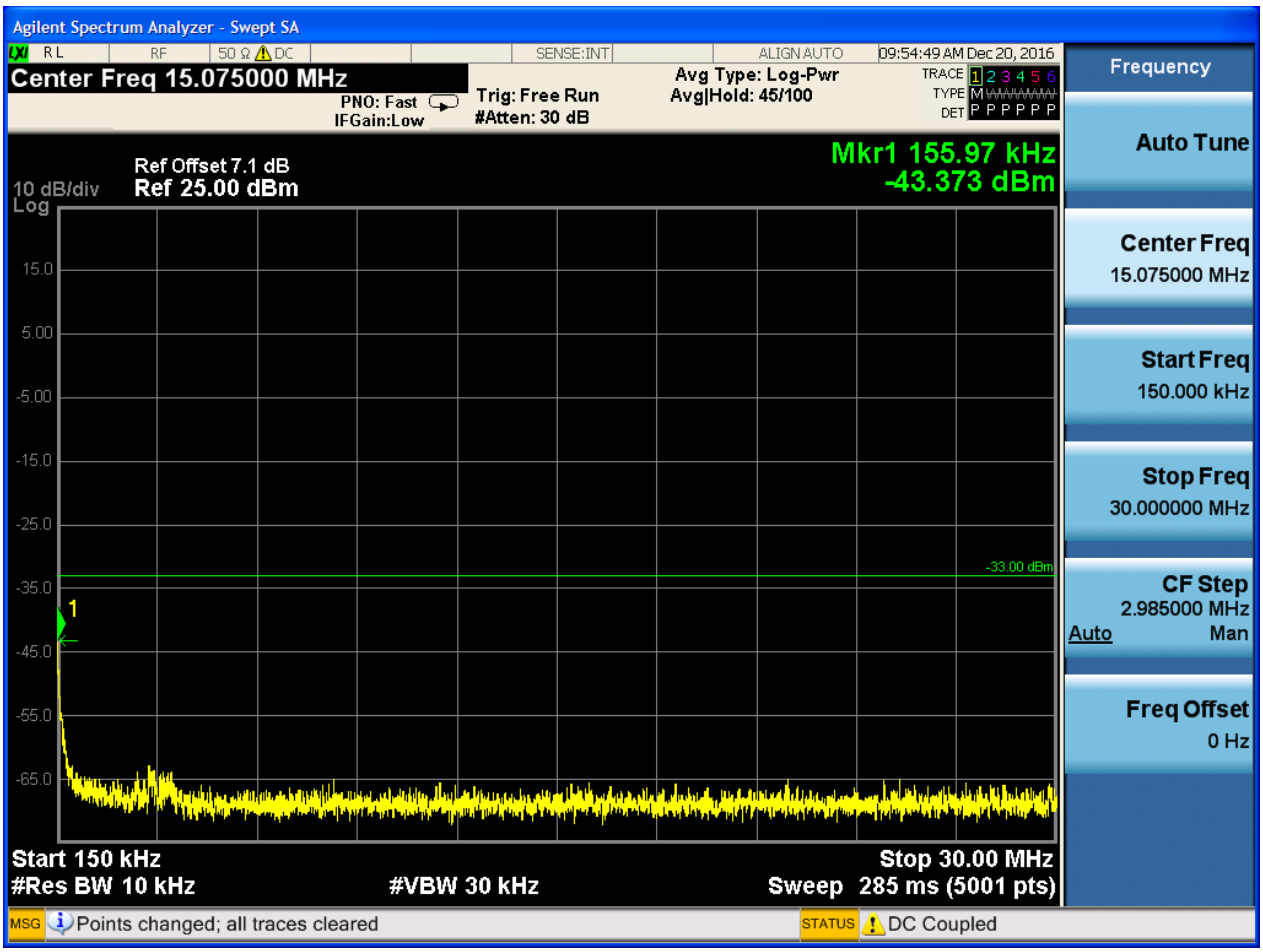

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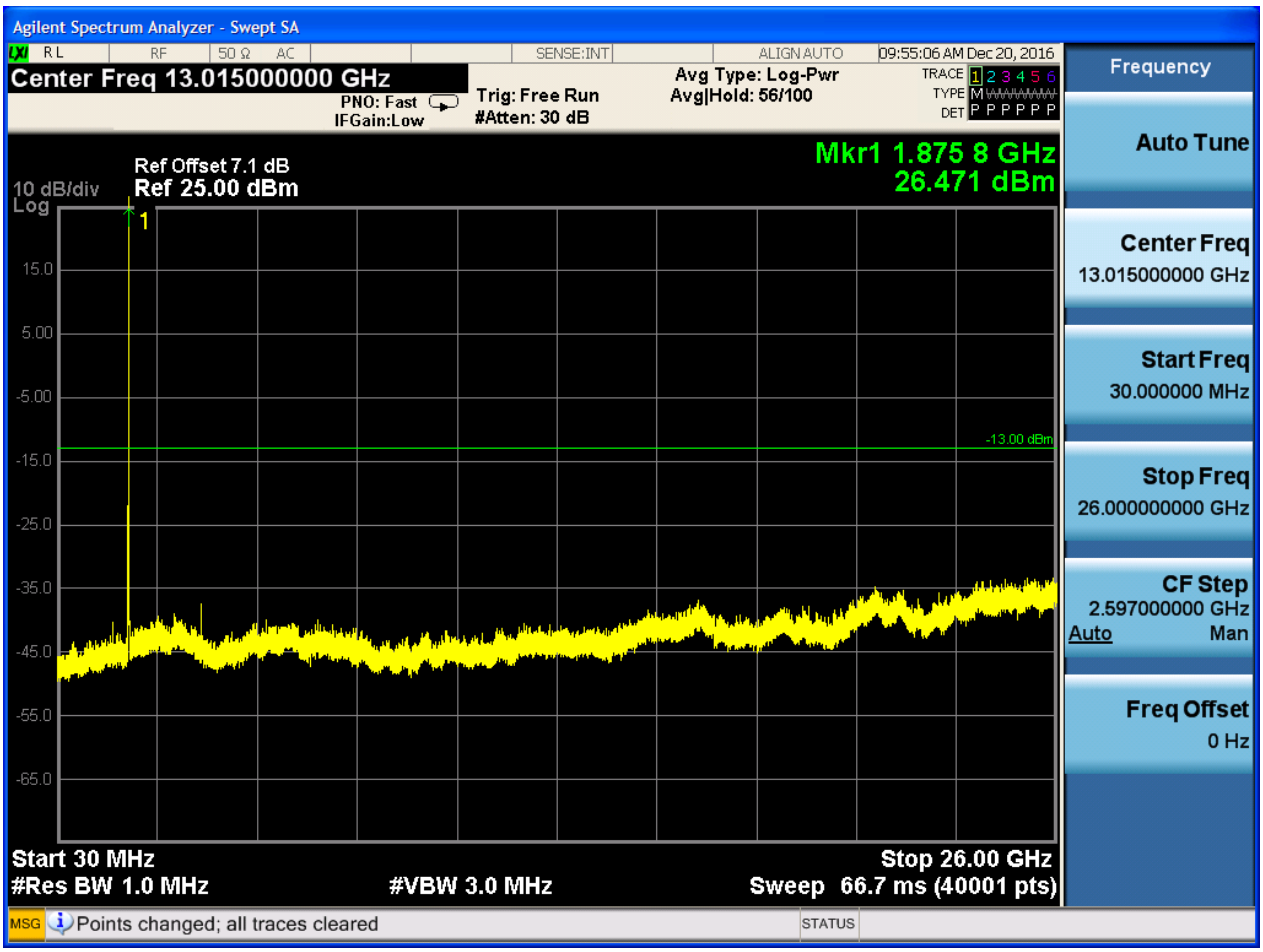

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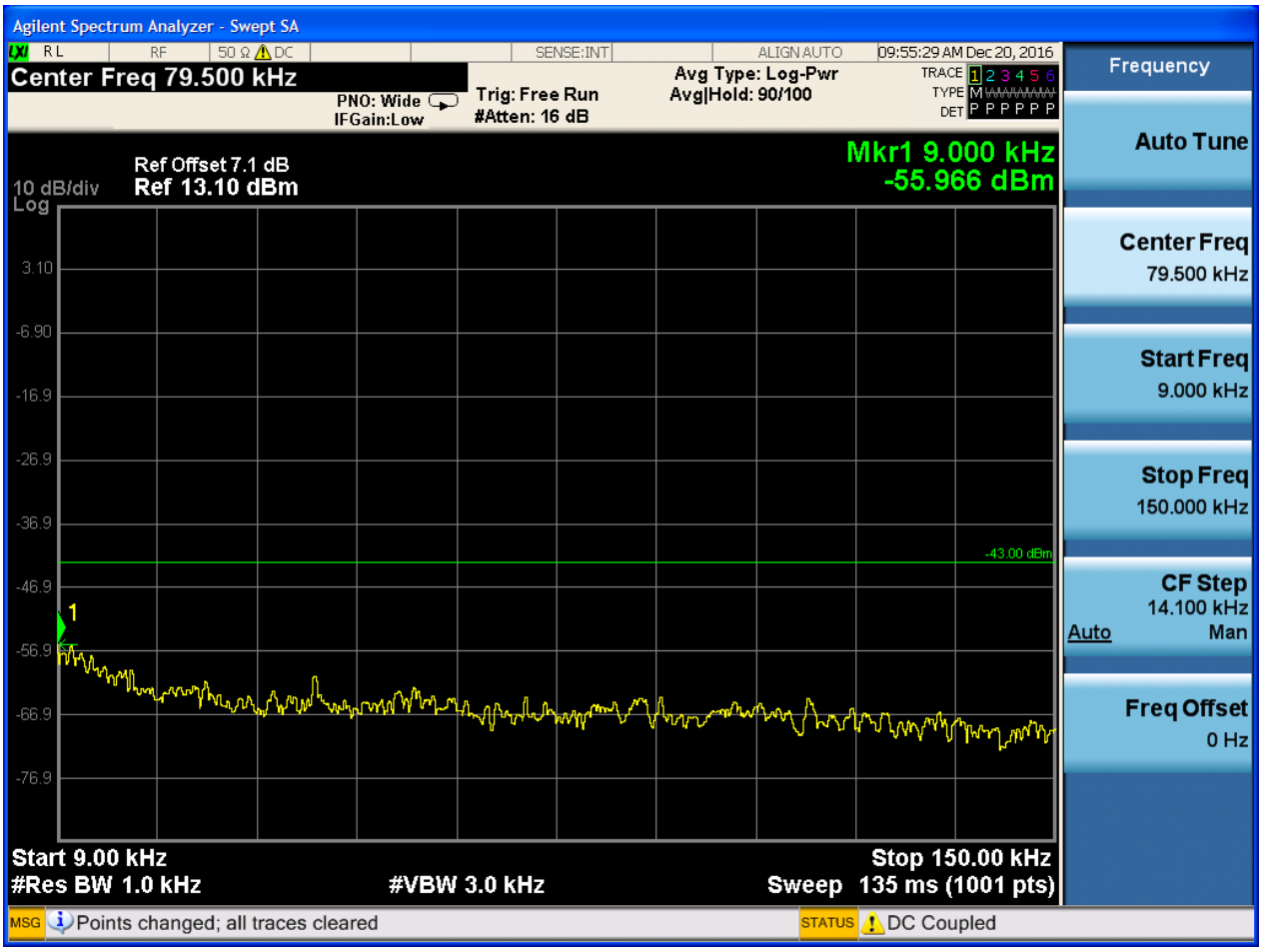
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0



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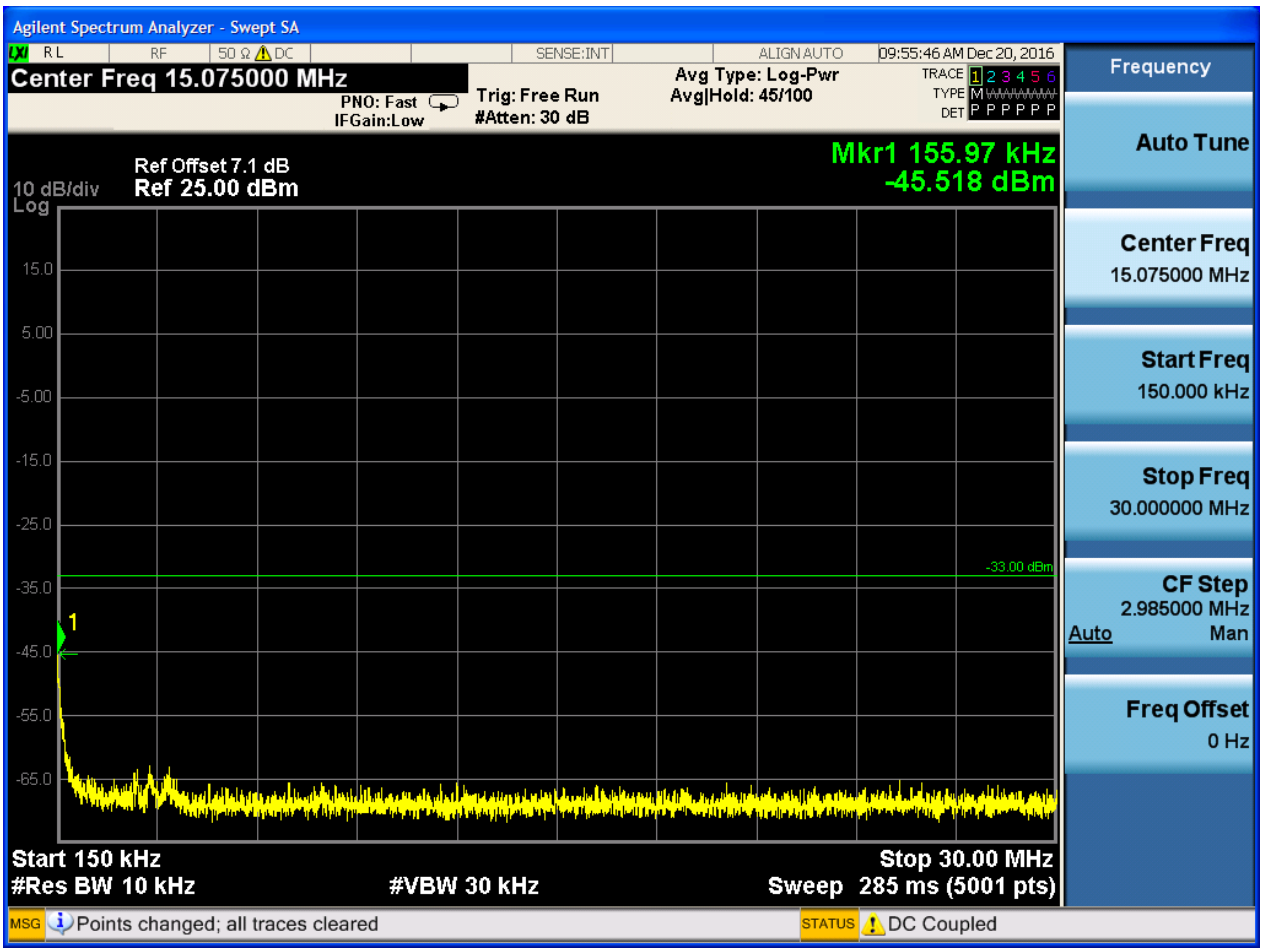

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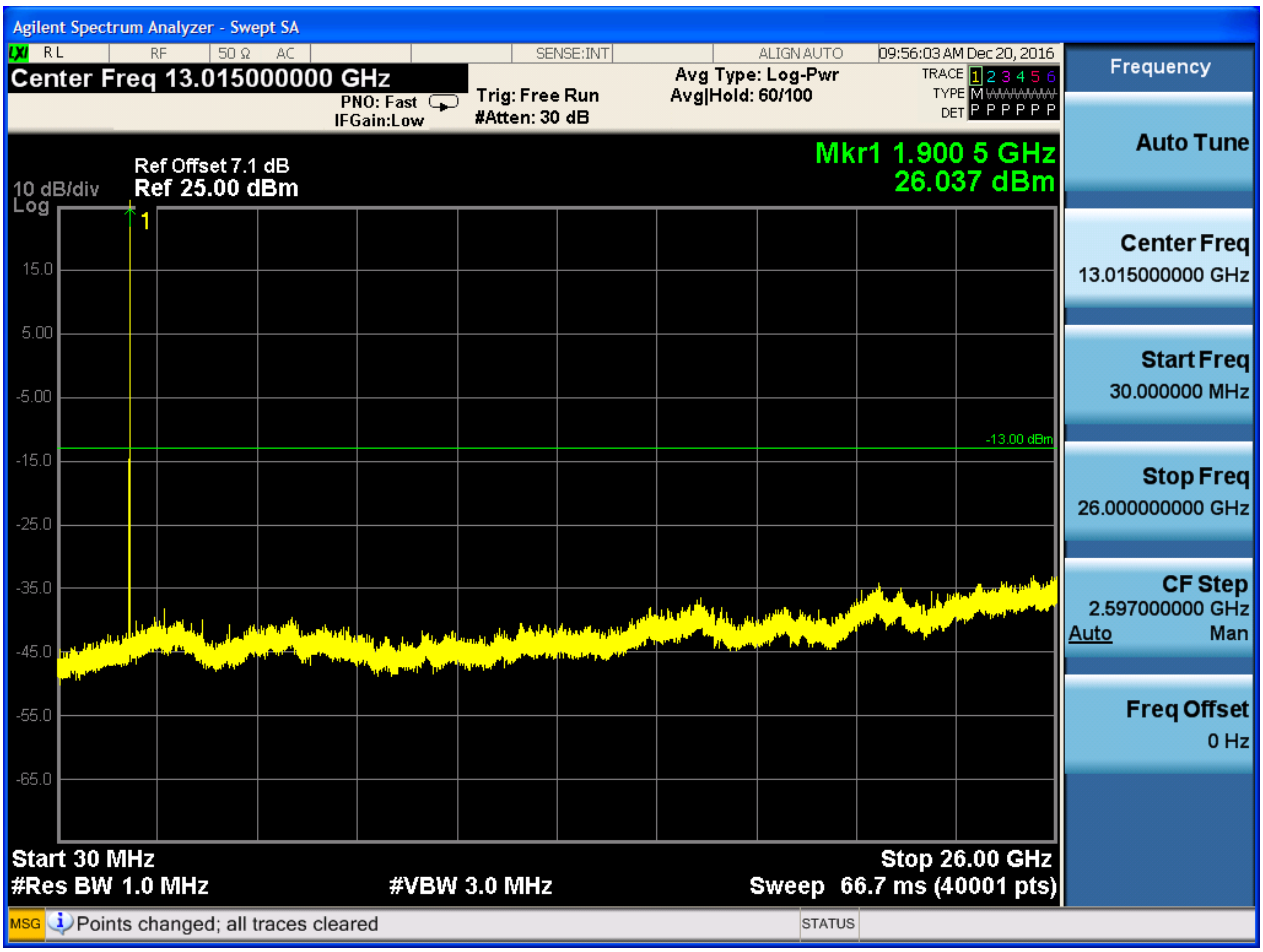

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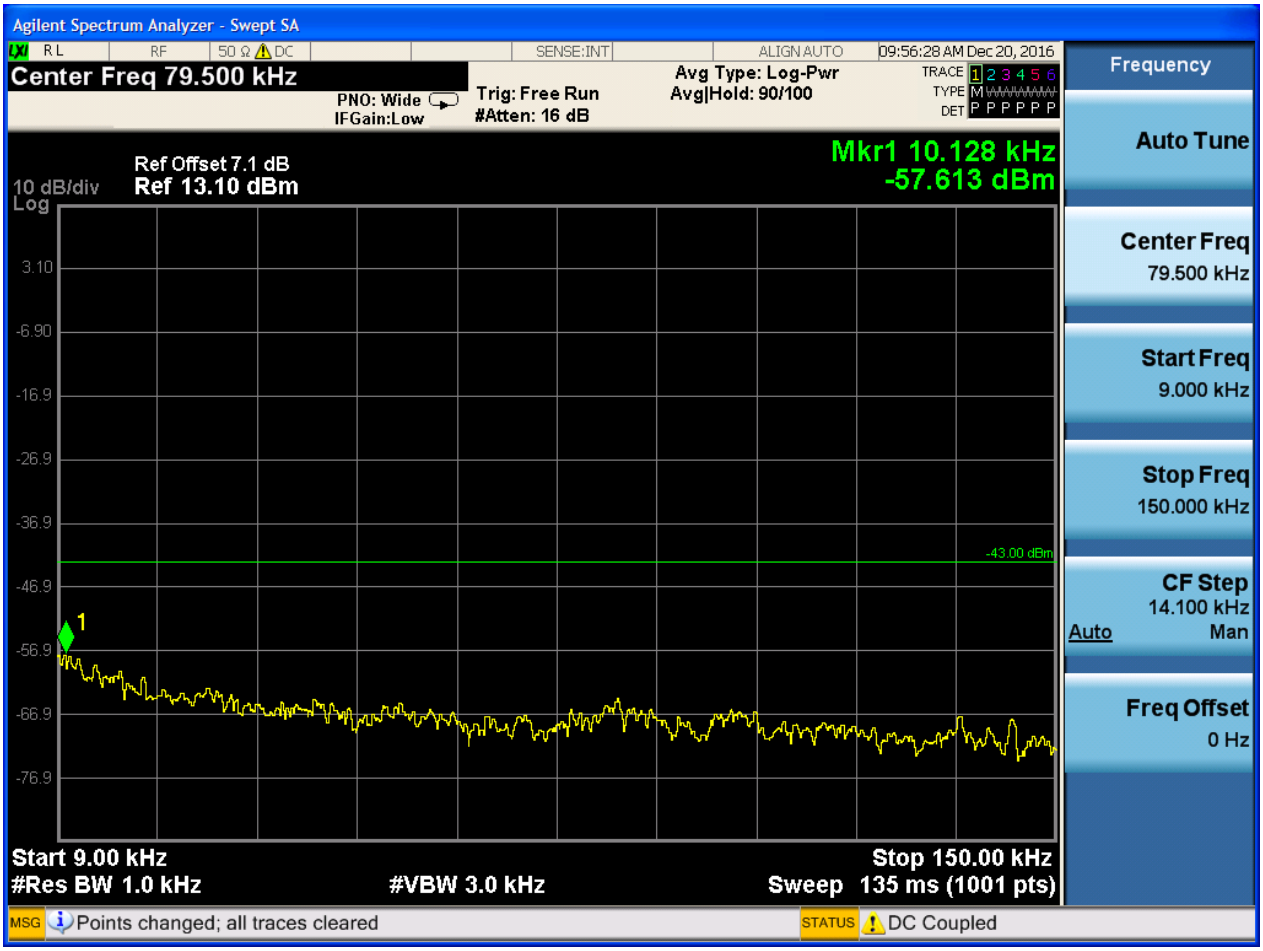
6.1.1.2.5 Test Bandwidth = 15

6.1.1.2.5.1 Test Channel = LCH

6.1.1.2.5.1.1 Test RB = RB1#0



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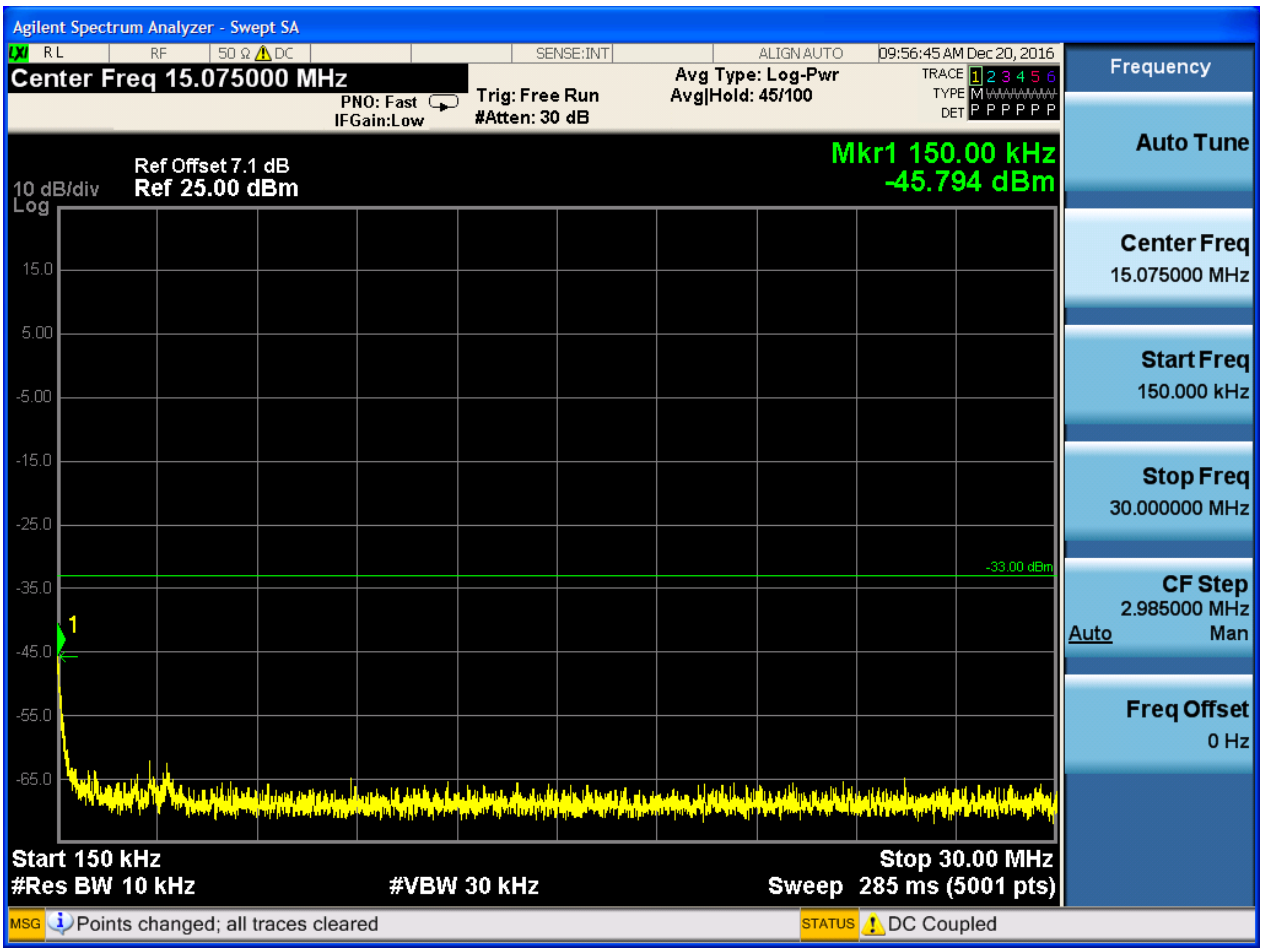

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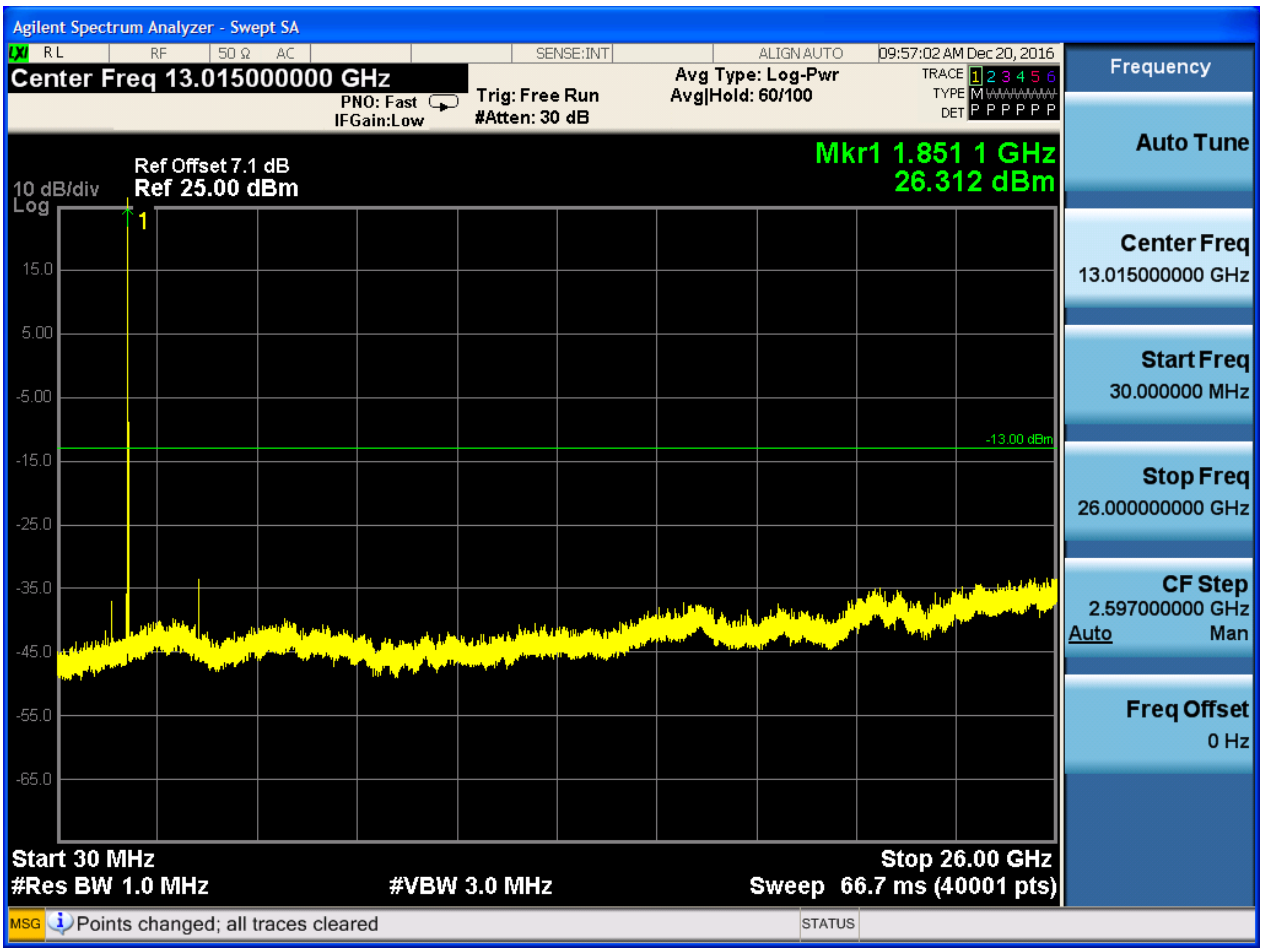

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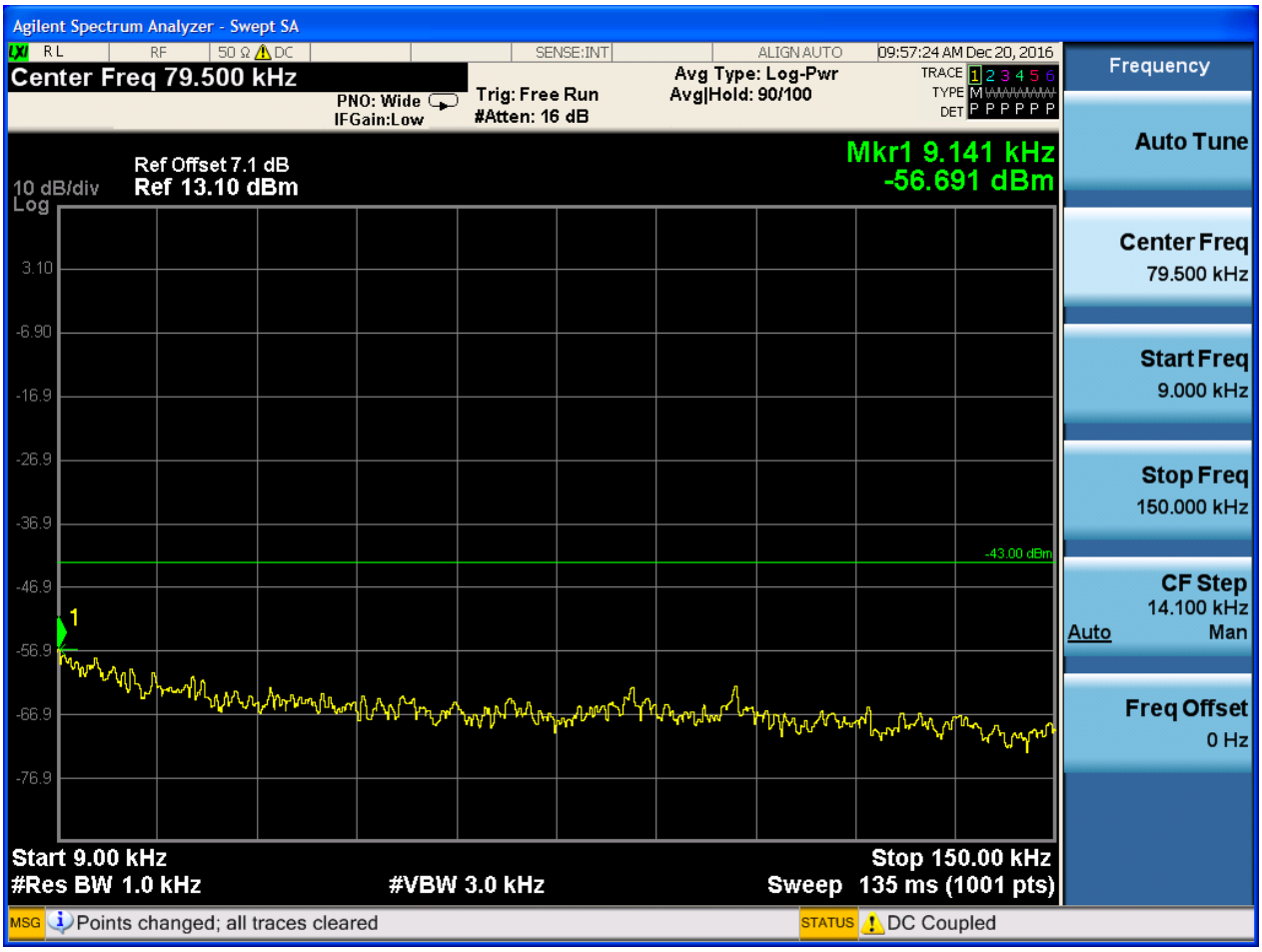
6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0



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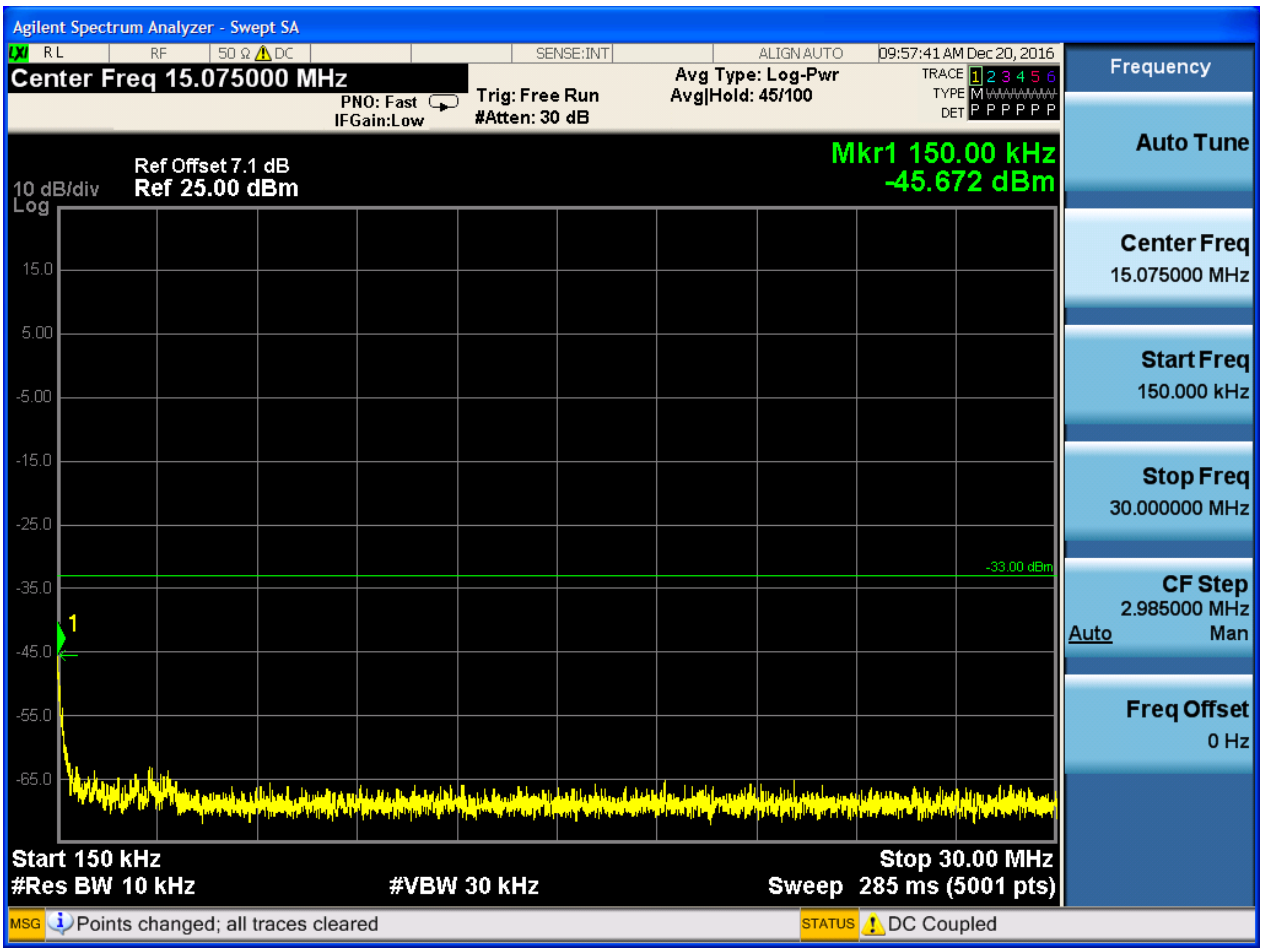

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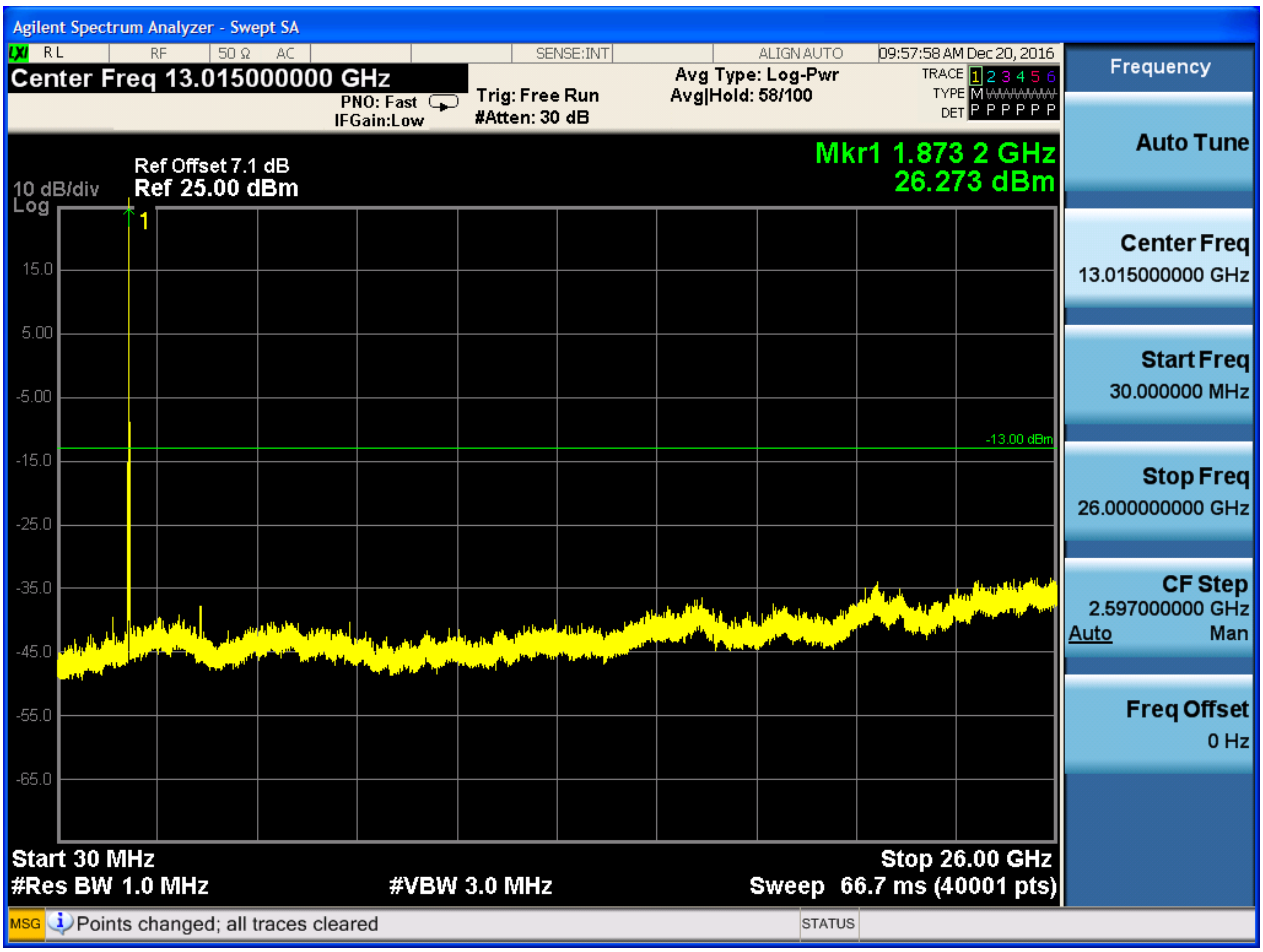

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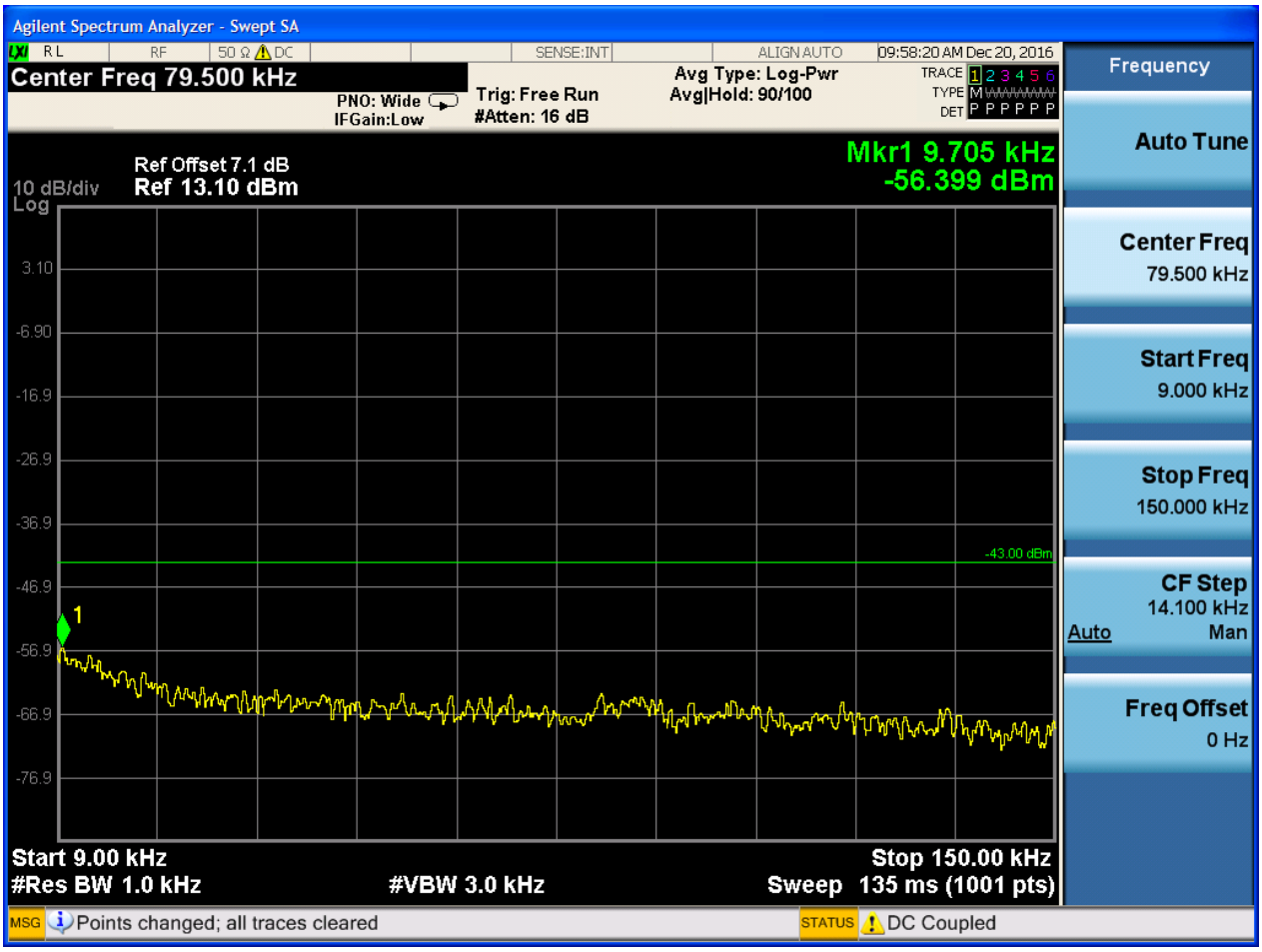
6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0



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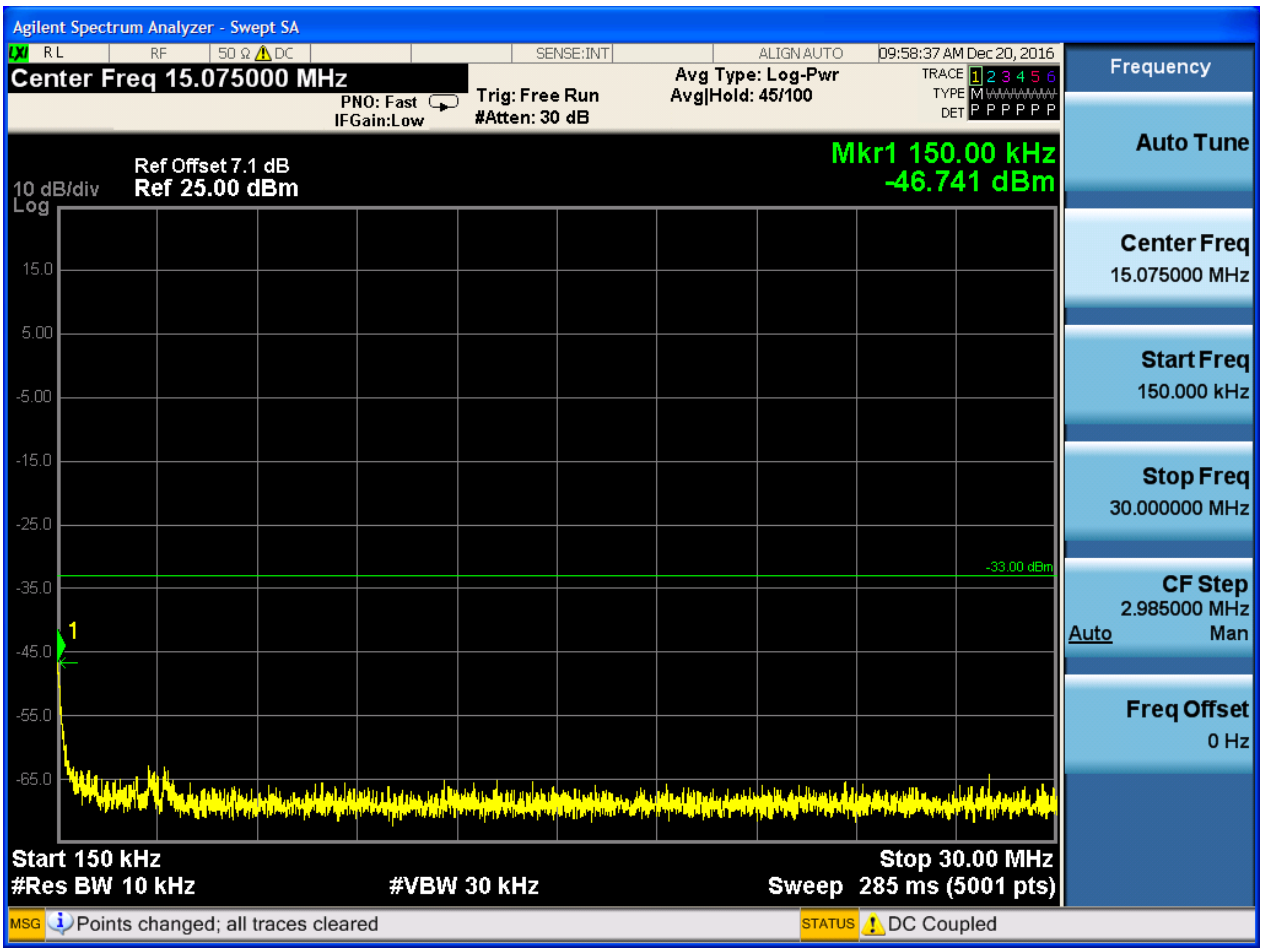

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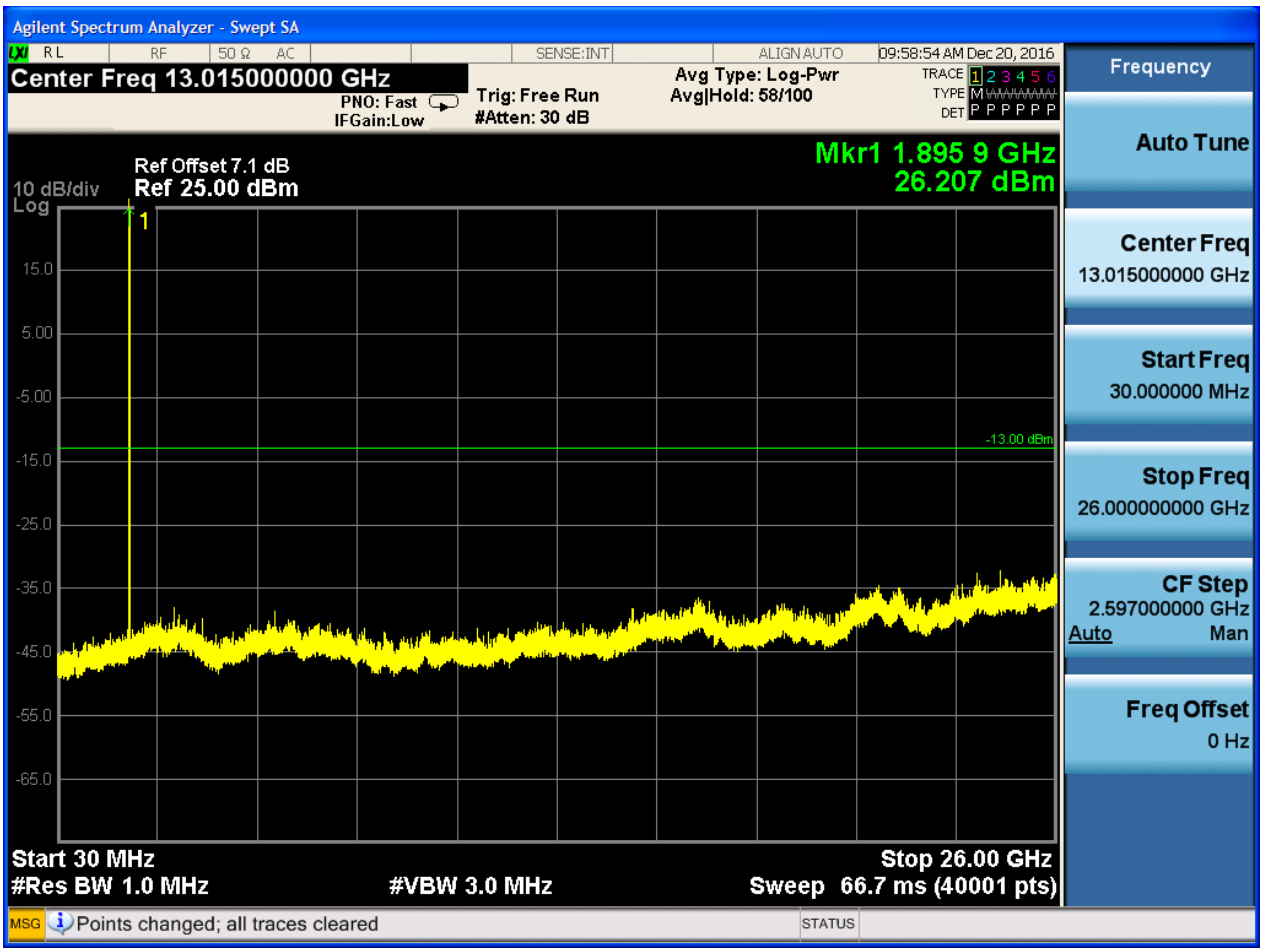

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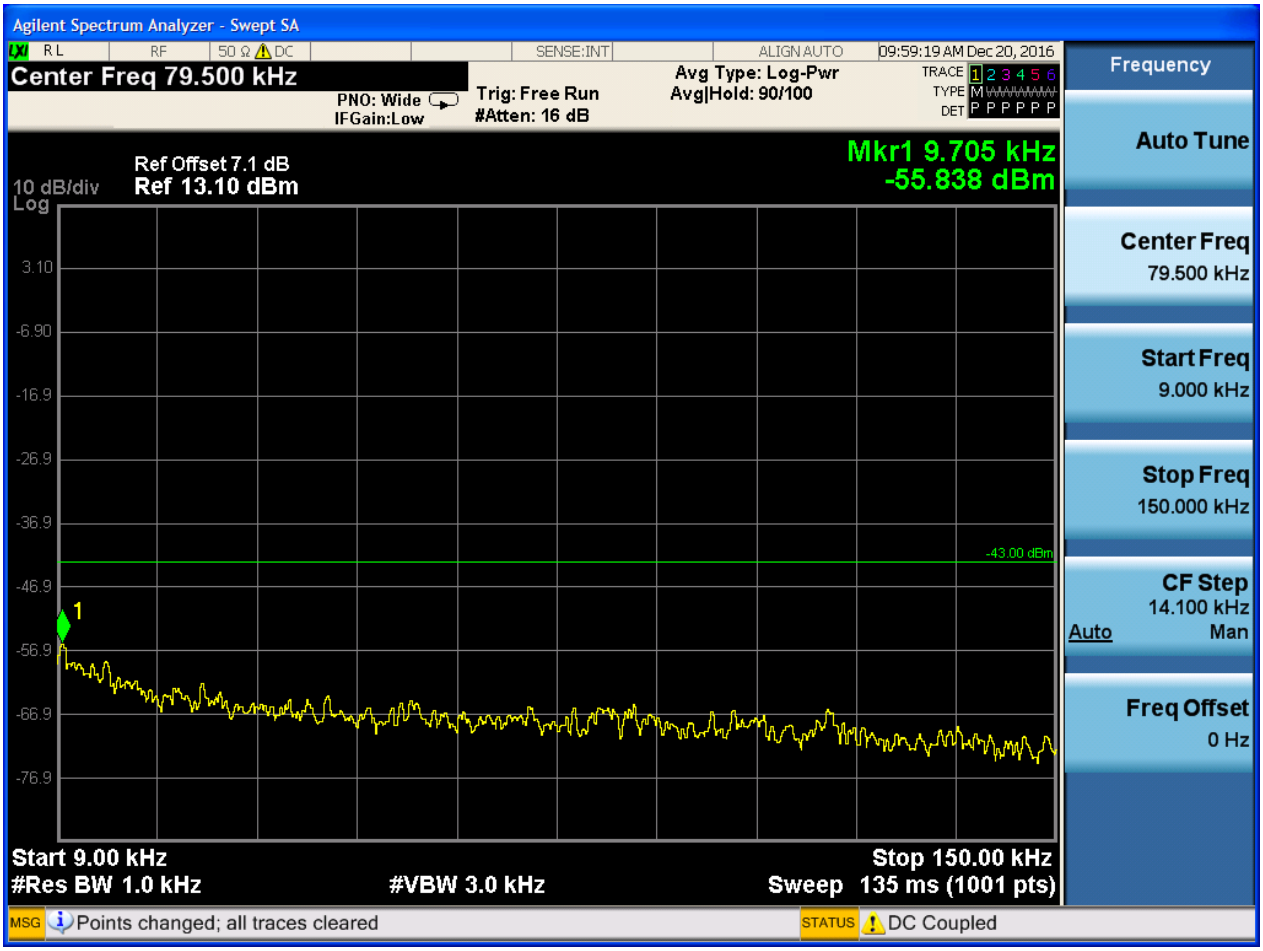
6.1.1.2.6 Test Bandwidth = 20

6.1.1.2.6.1 Test Channel = LCH

6.1.1.2.6.1.1 Test RB = RB1#0



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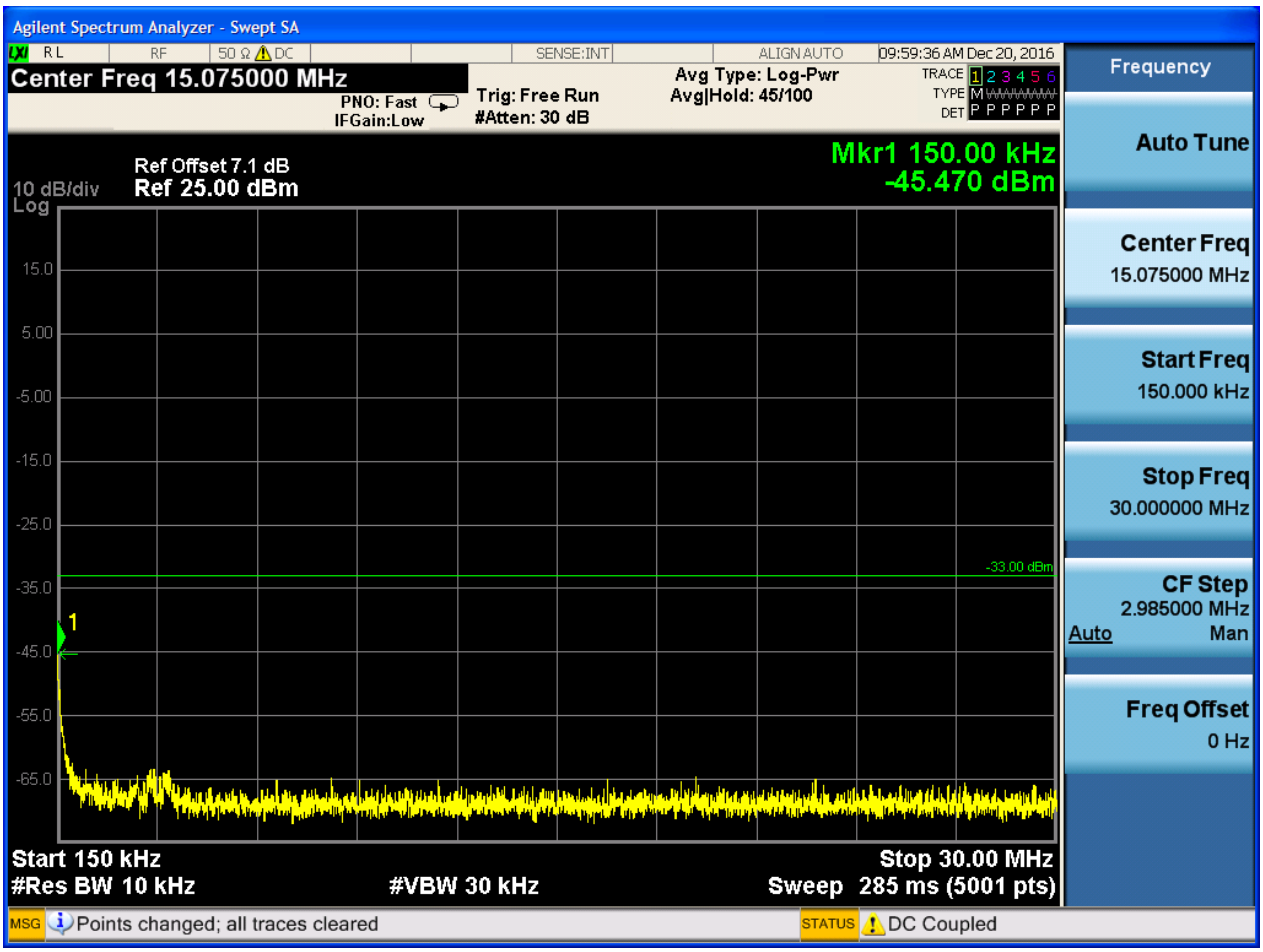

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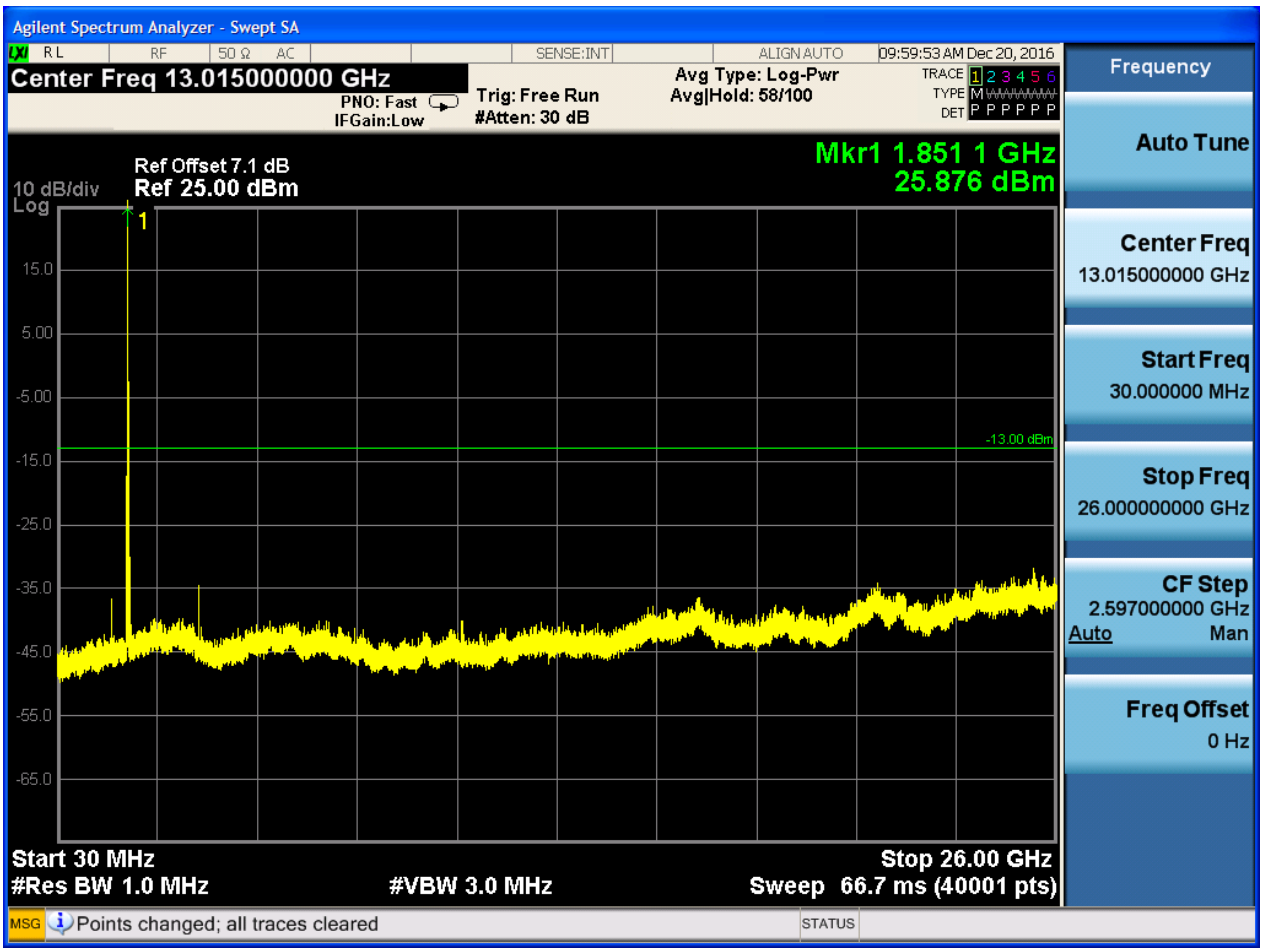

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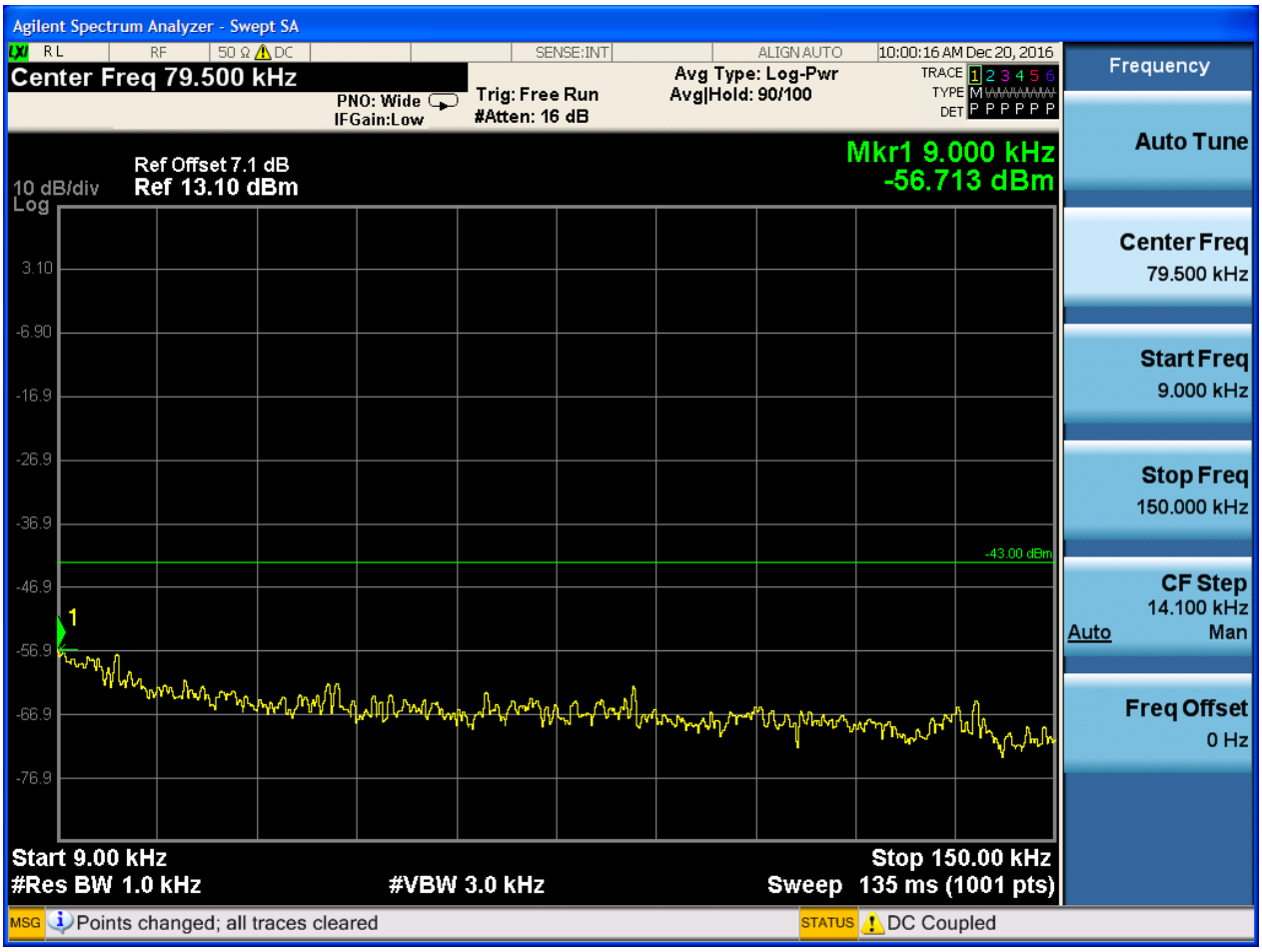
6.1.1.2.6.2 Test Channel = MCH

6.1.1.2.6.2.1 Test RB = RB1#0



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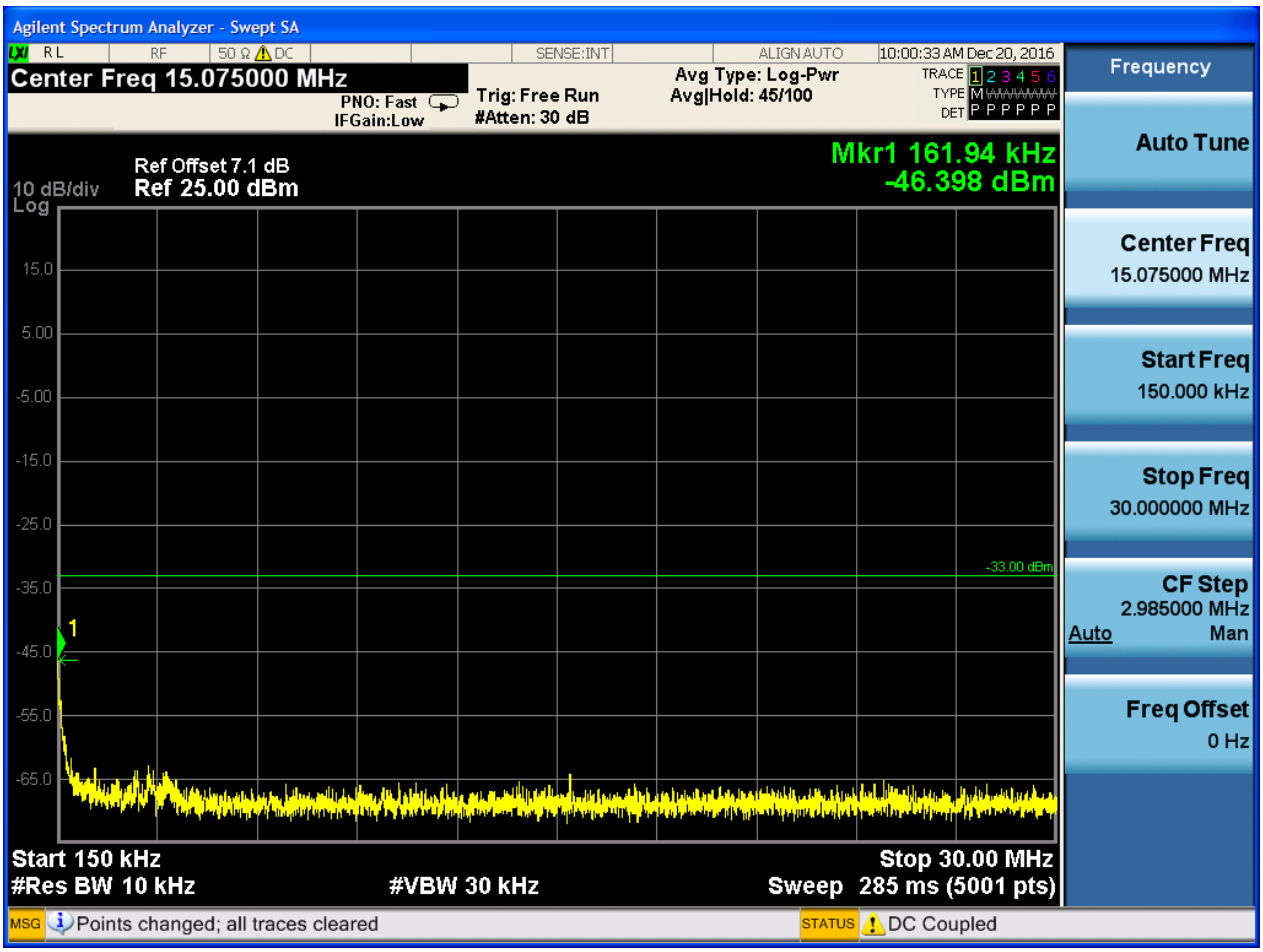

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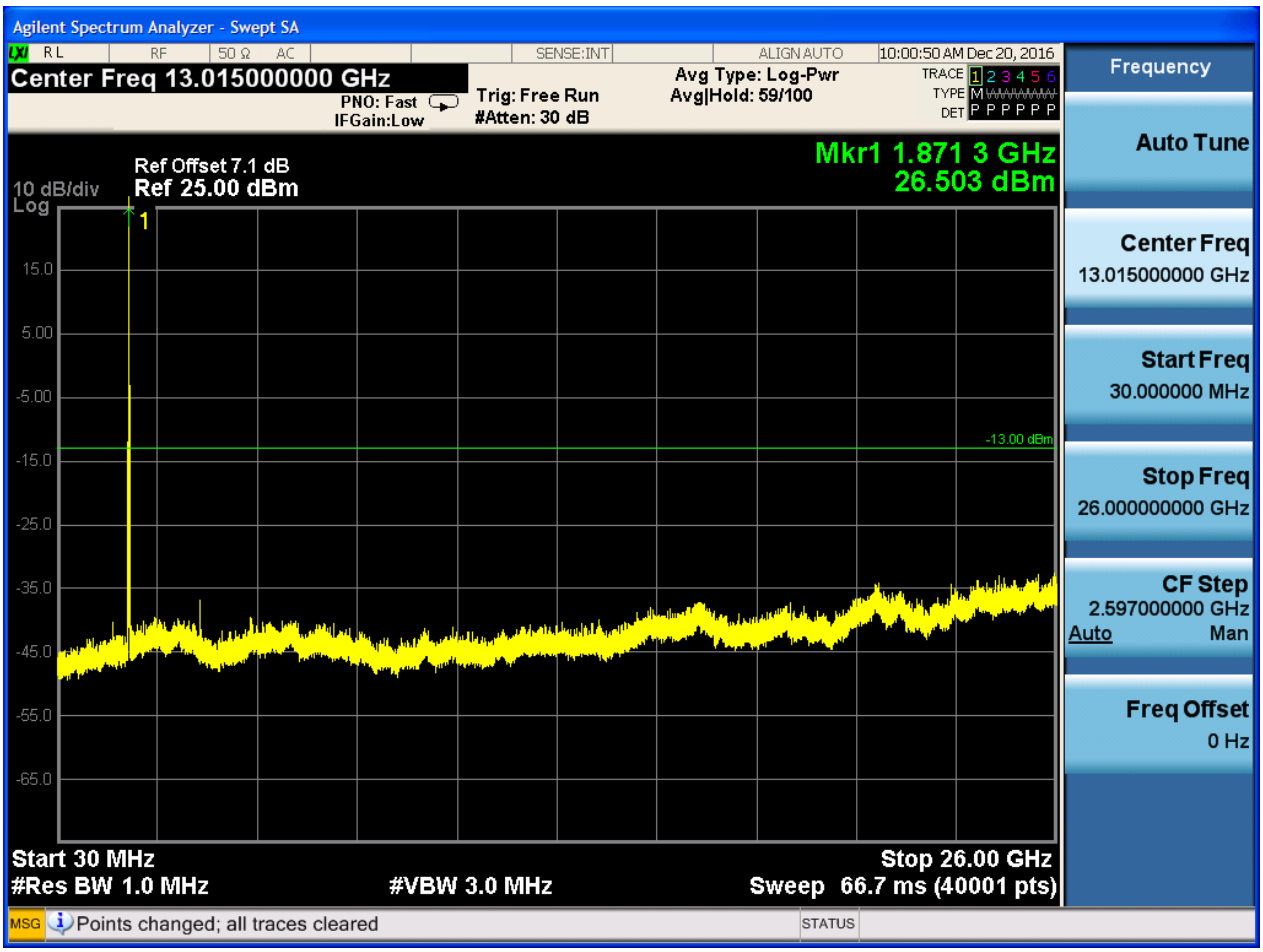

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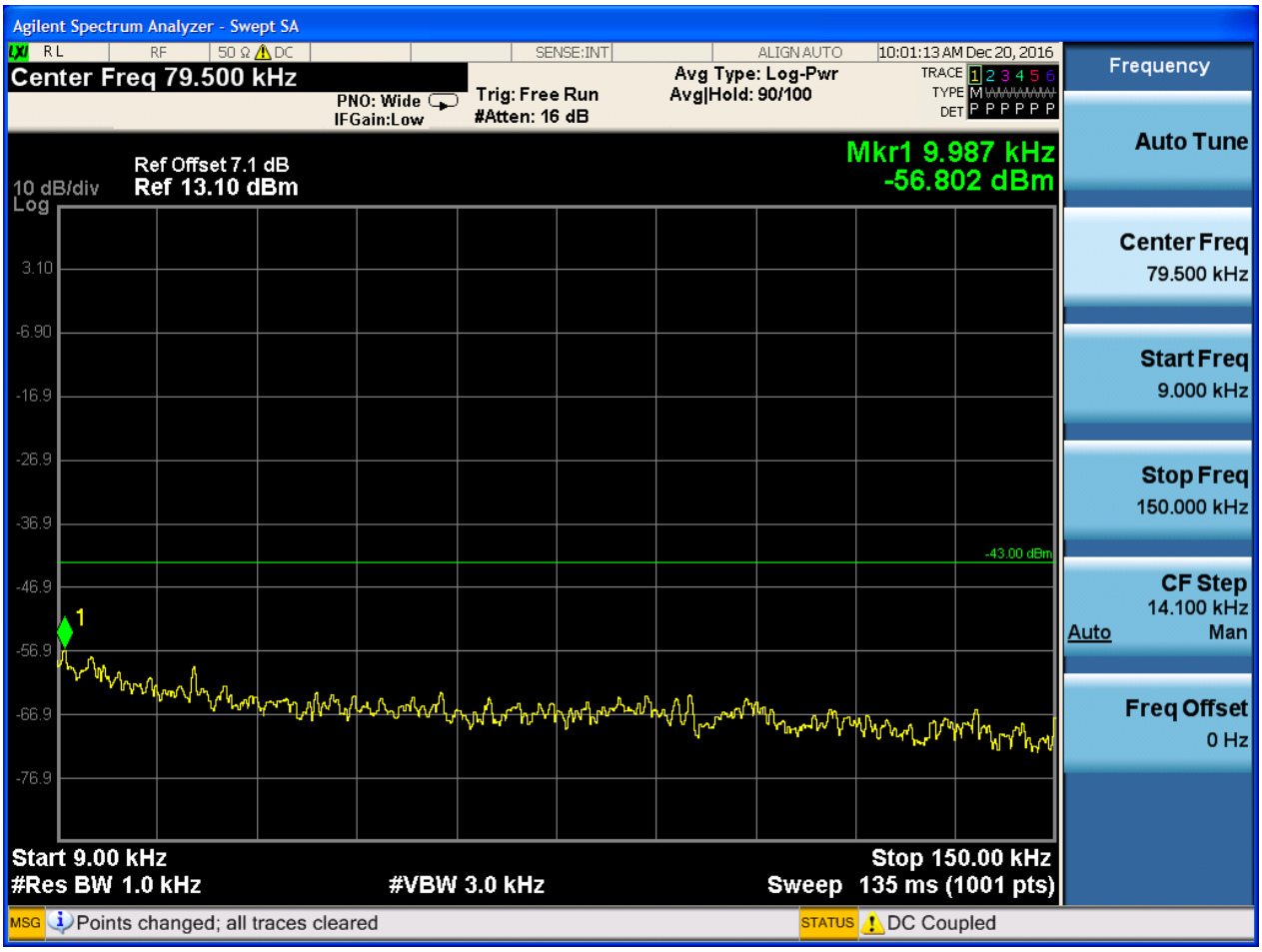
6.1.1.2.6.3 Test Channel = HCH

6.1.1.2.6.3.1 Test RB = RB1#0



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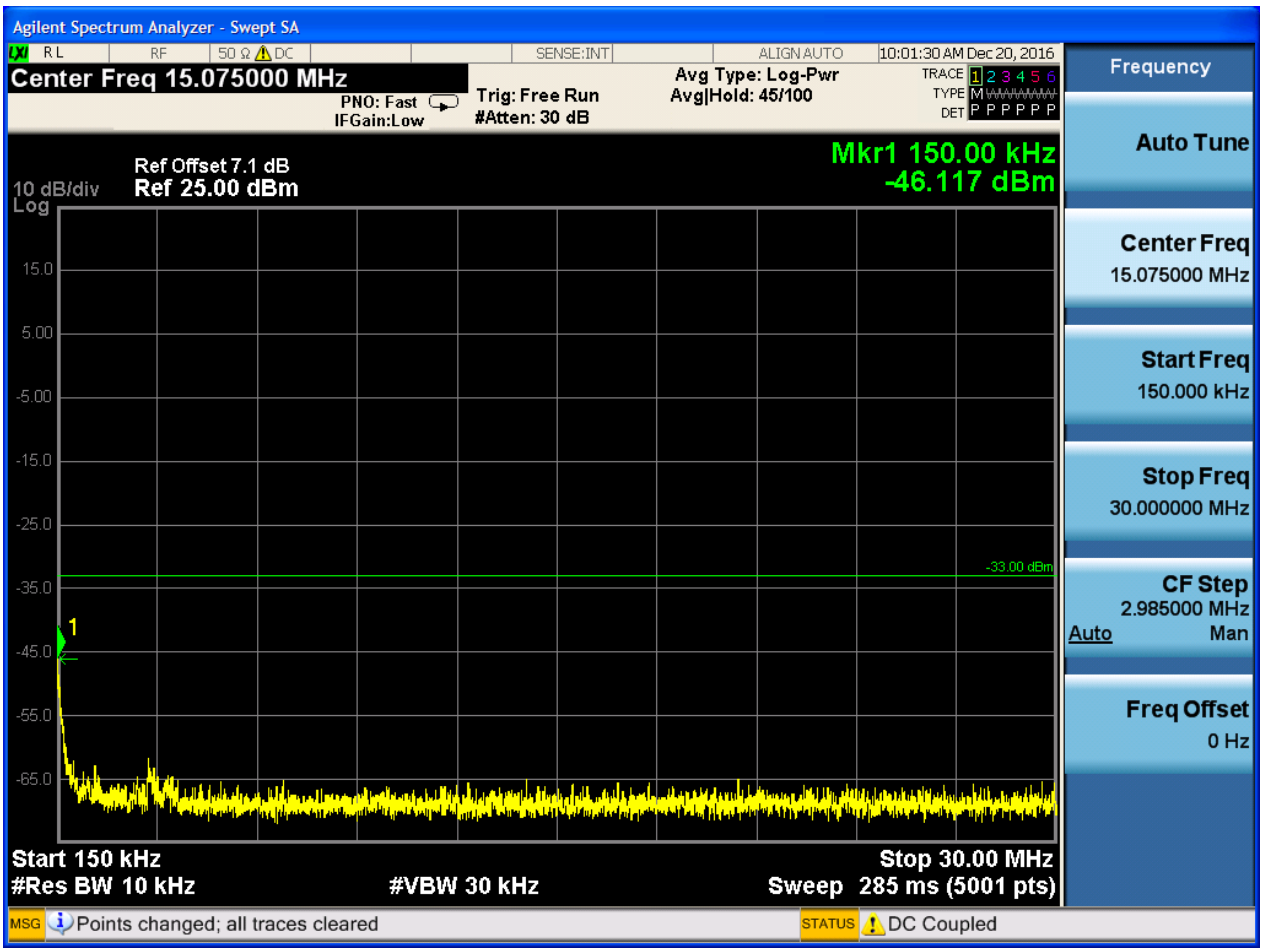

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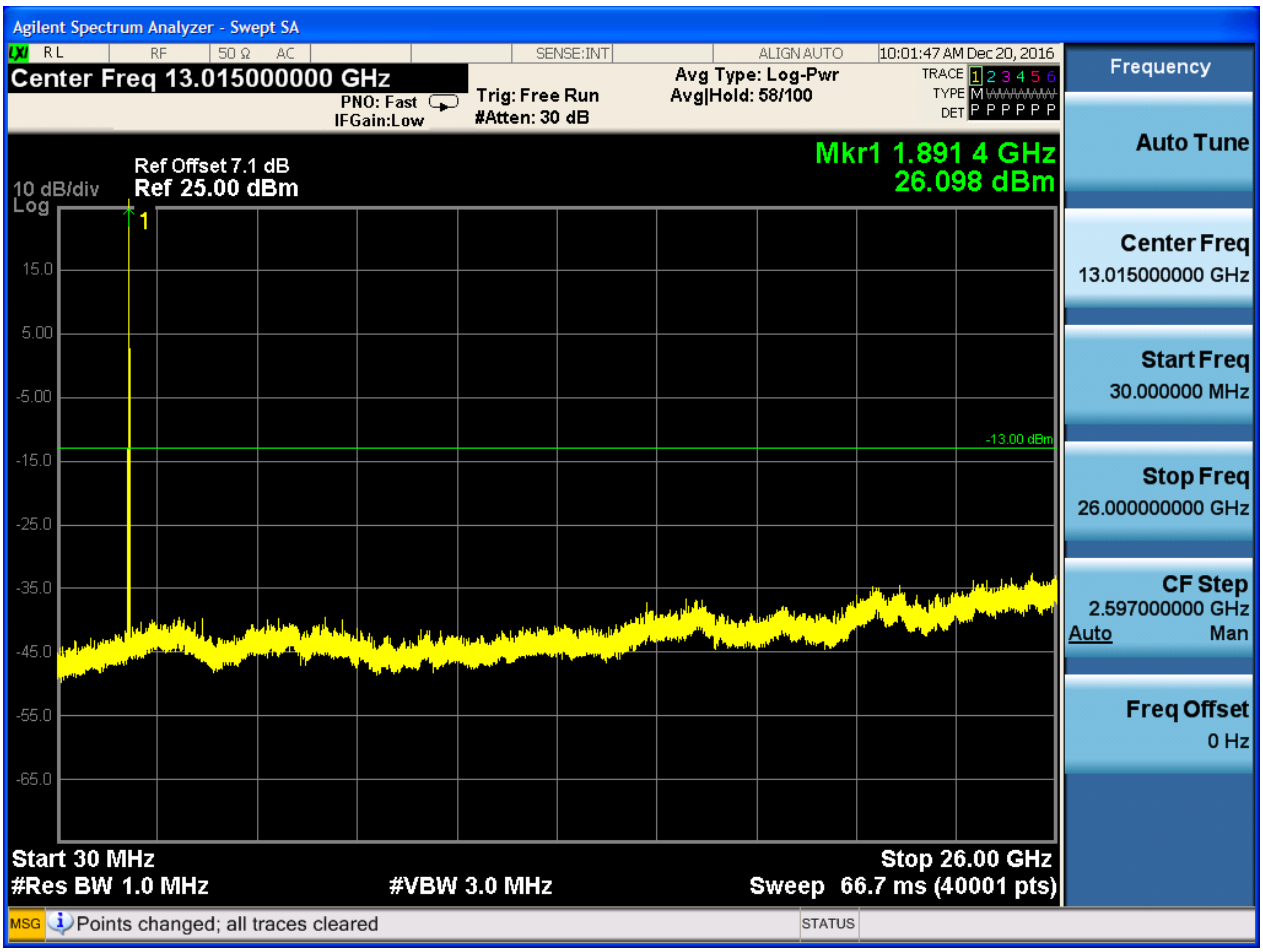

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7Appendix_G: Field Strength of Spurious Radiation

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

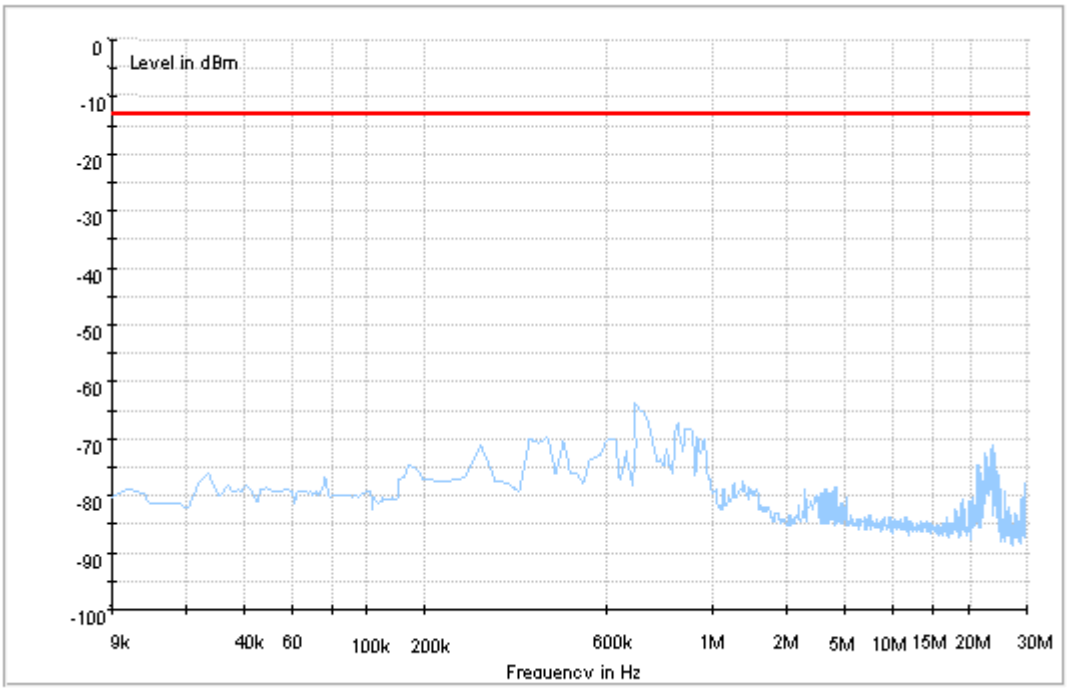
30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

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

7.1 For LTE

7.1.1 Test Band = BAND2_Ant1

7.1.1.1 Test Bandwidth = 1.4



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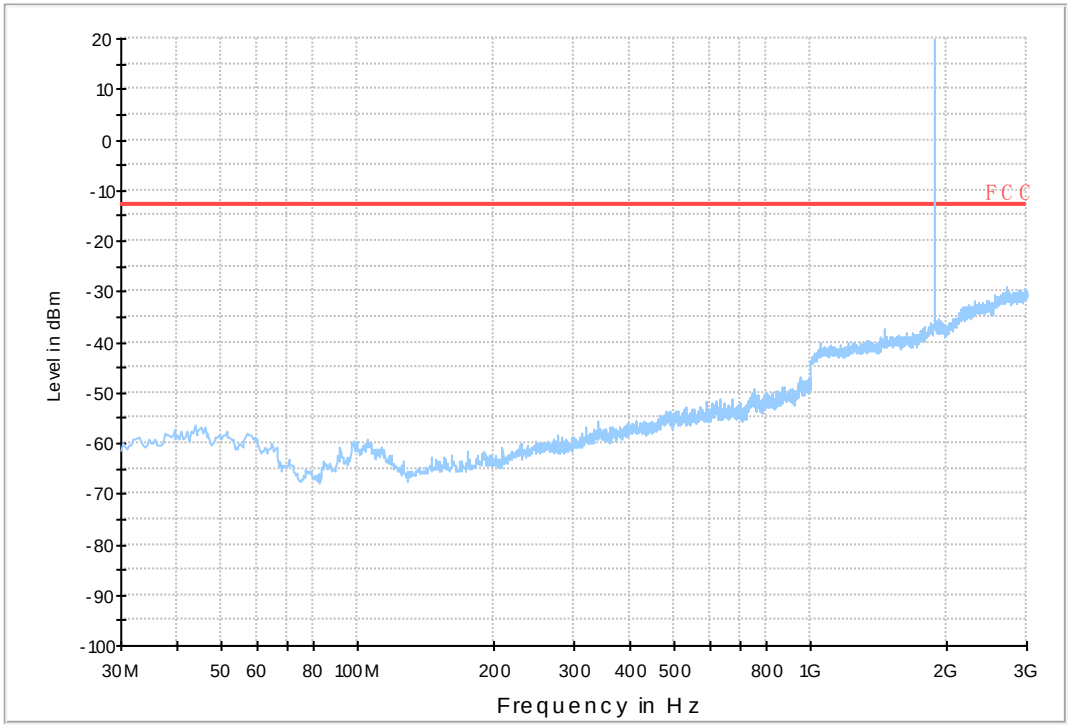
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



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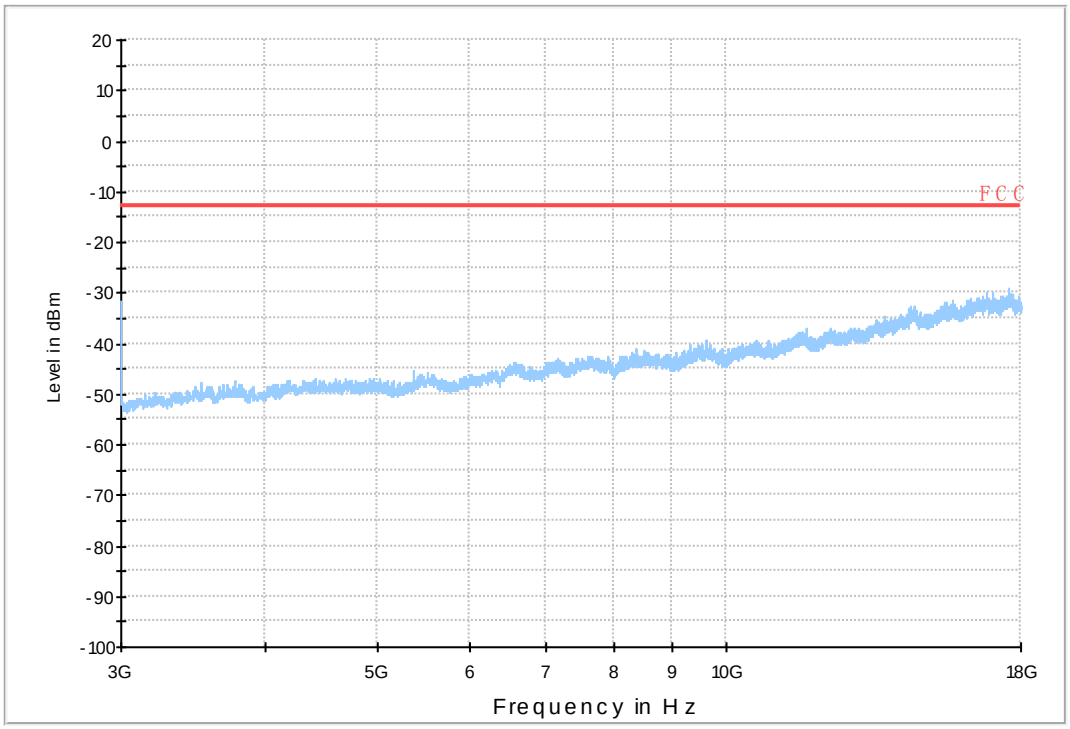

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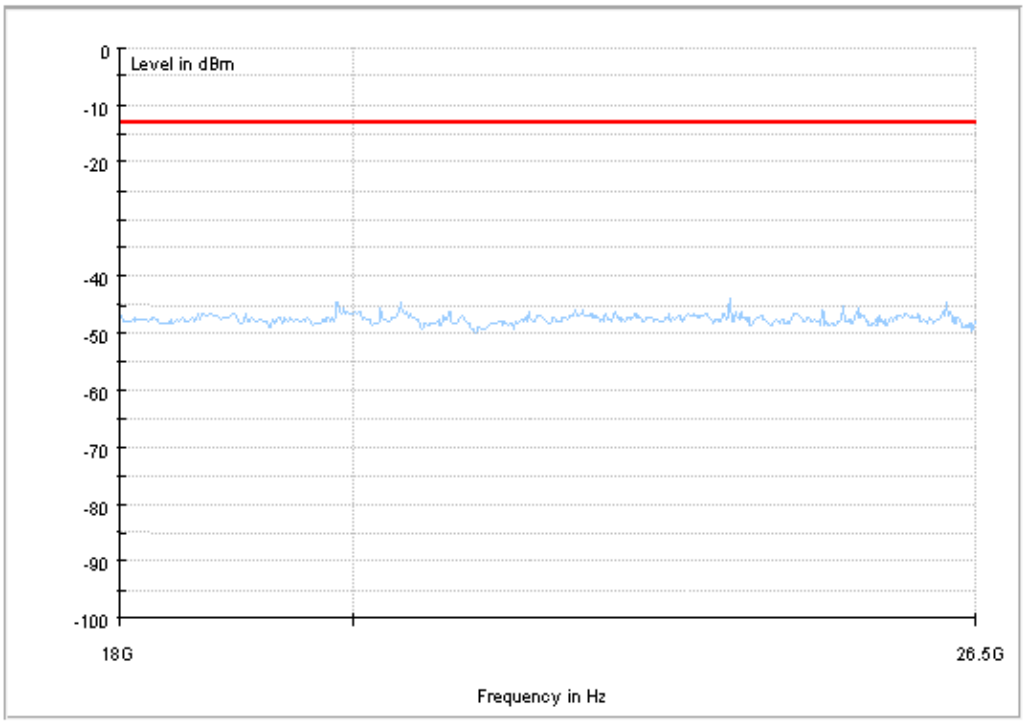

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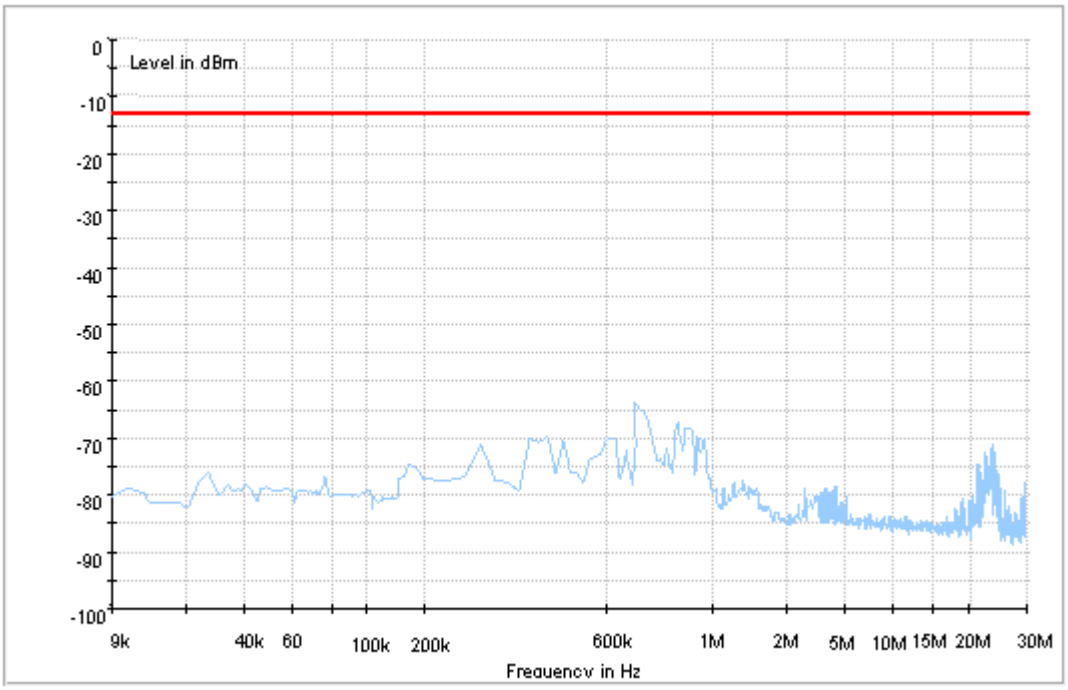
7.1.1.2 Test Bandwidth = 20



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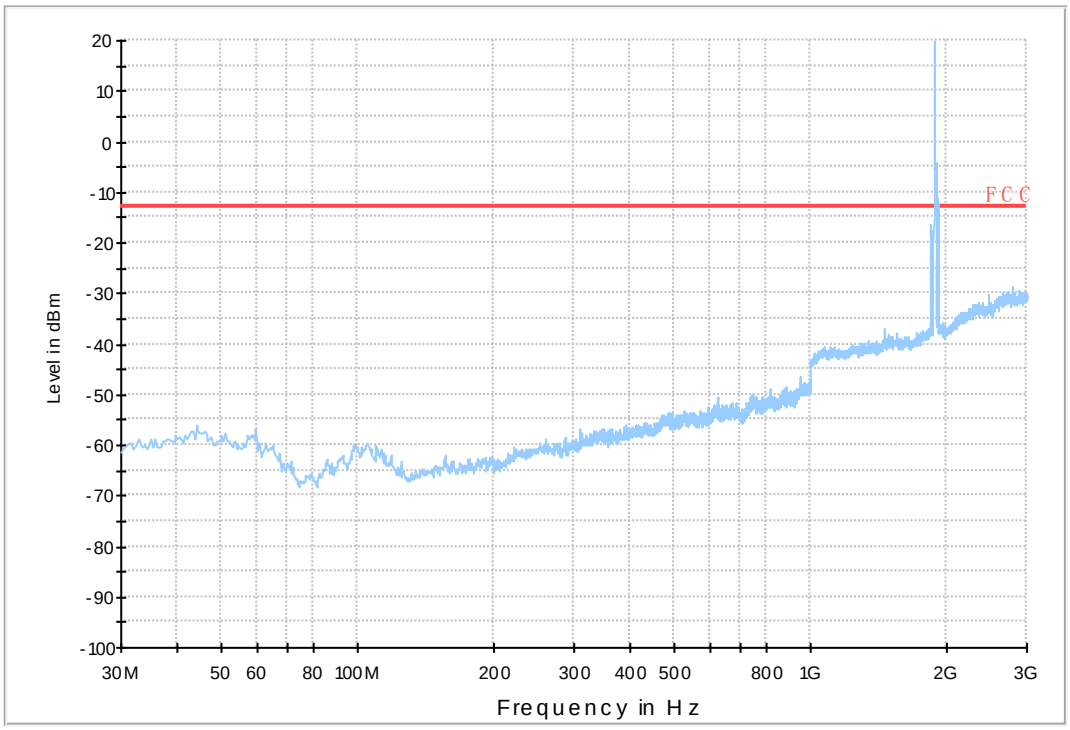

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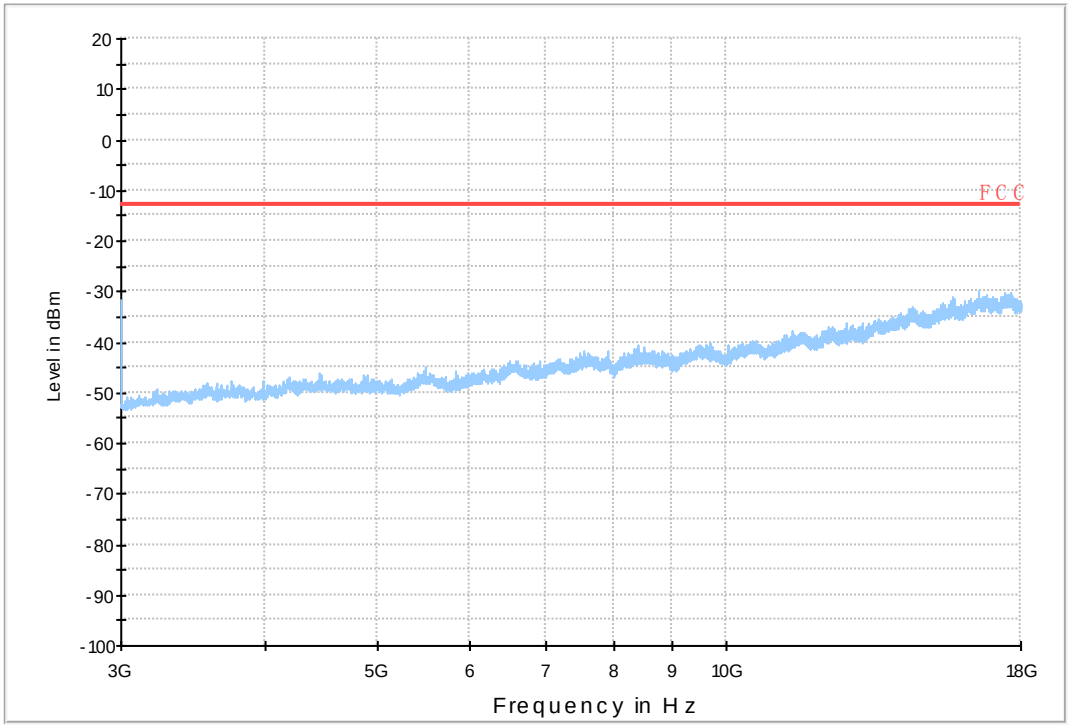

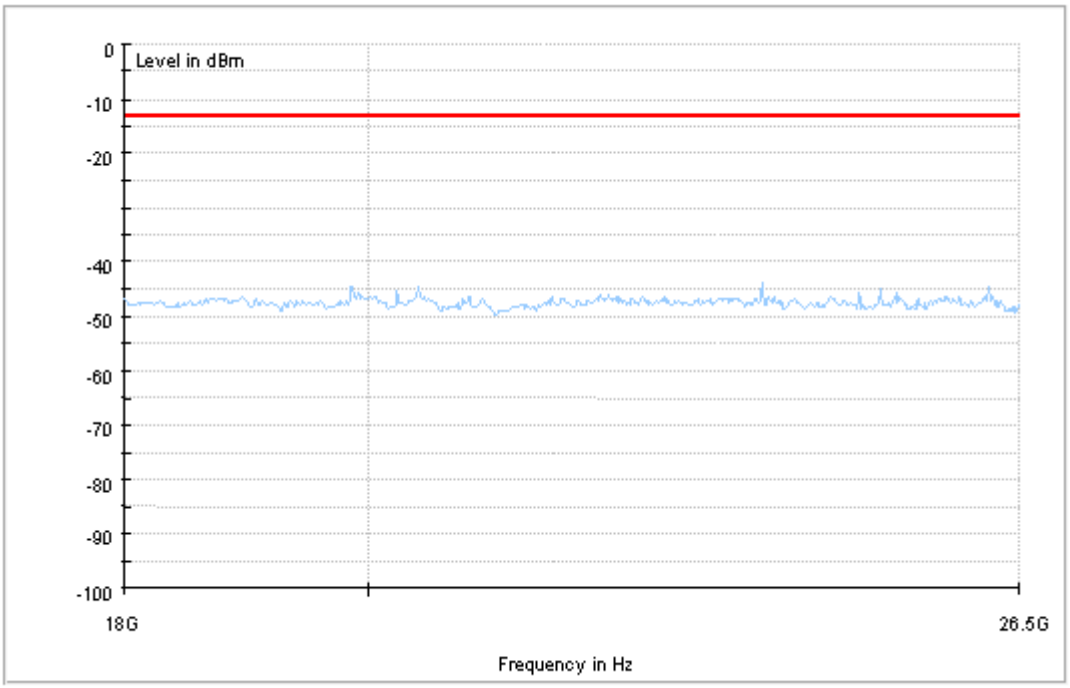

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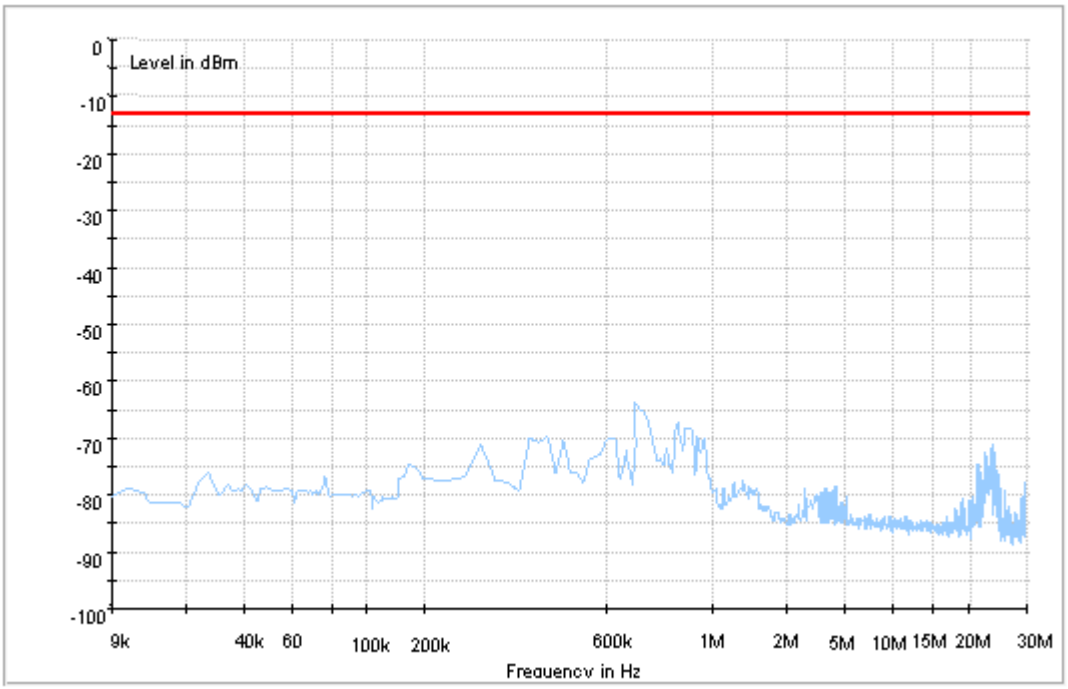
7.1.2 Test Band = BAND2_Ant2

7.1.2.1 Test Bandwidth = 1.4



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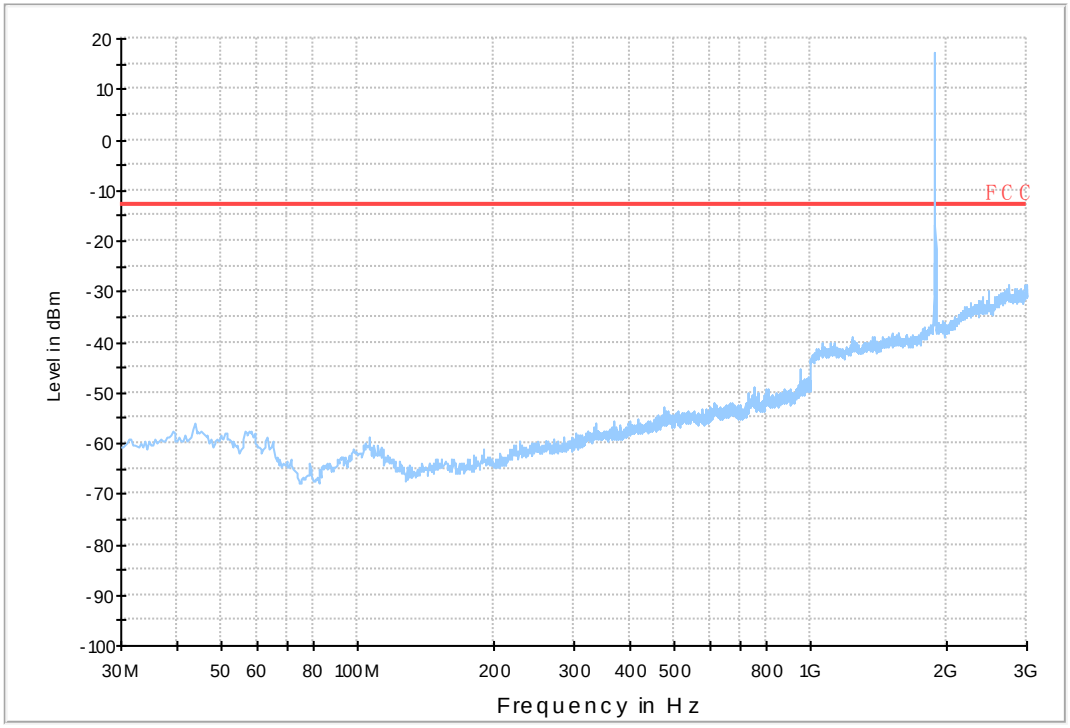

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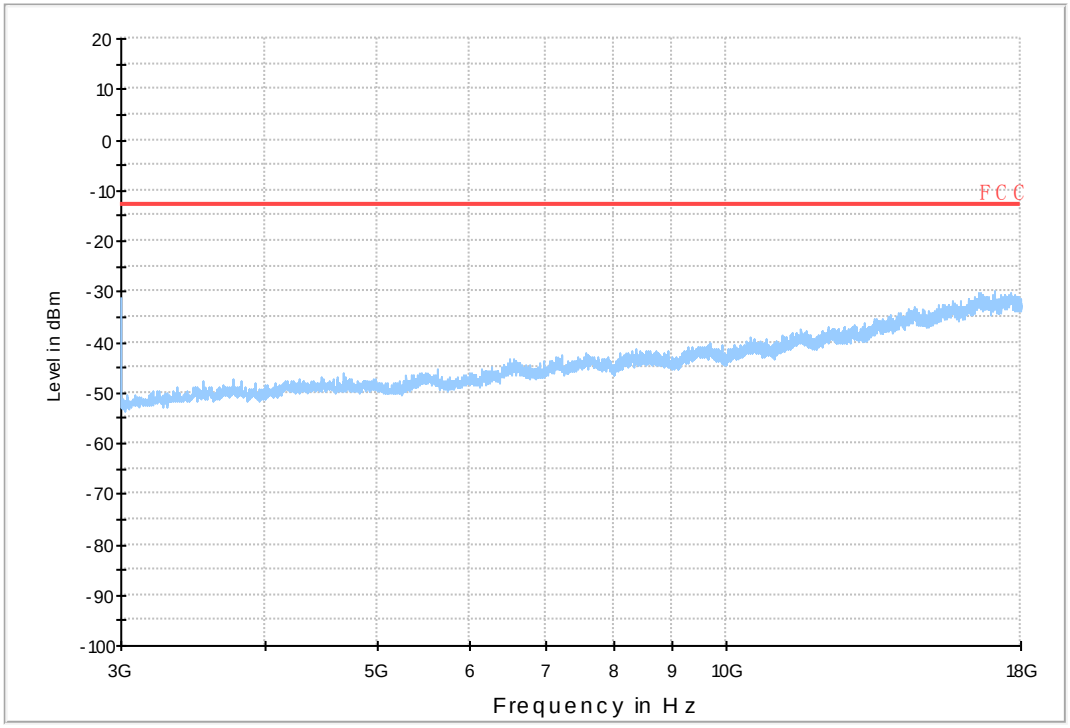

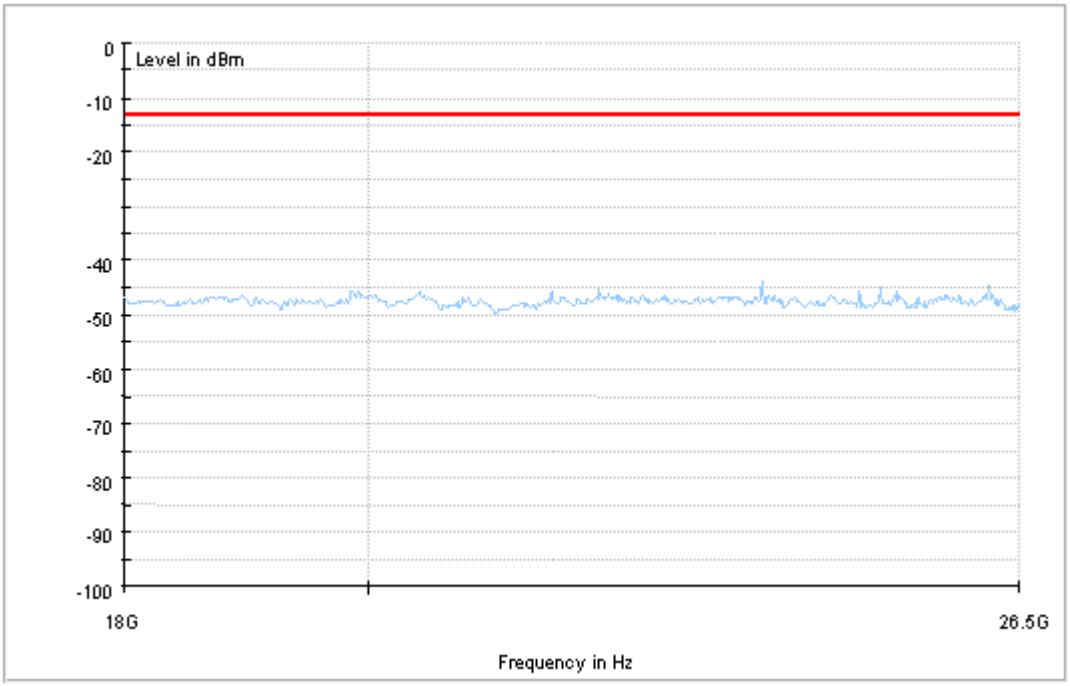

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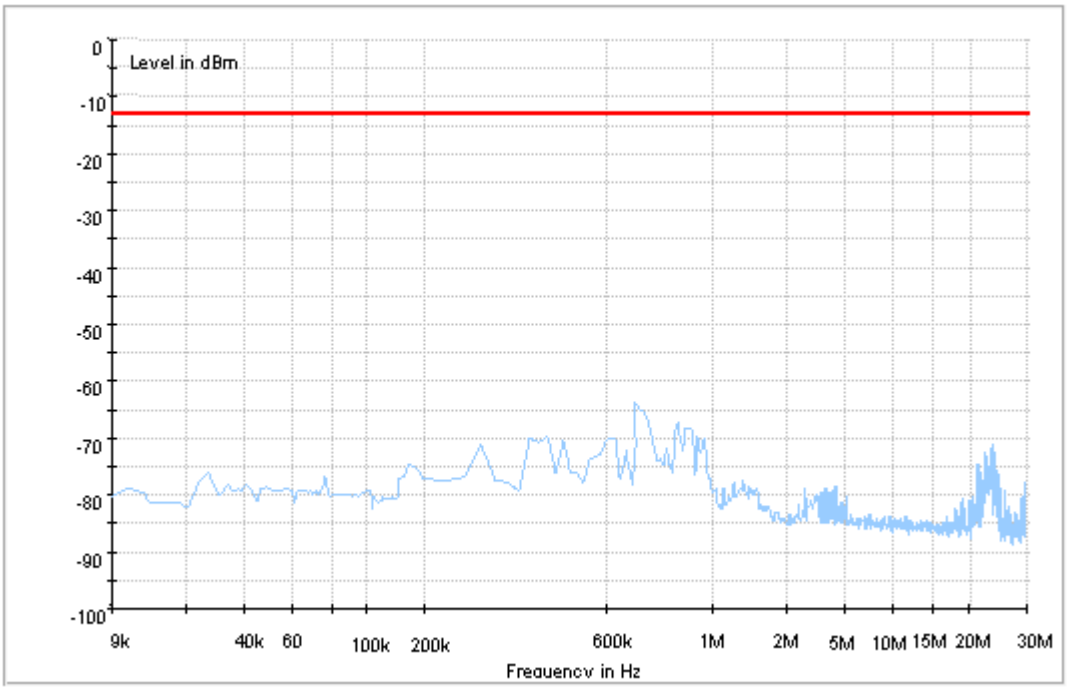
7.1.2.2 Test Bandwidth = 20



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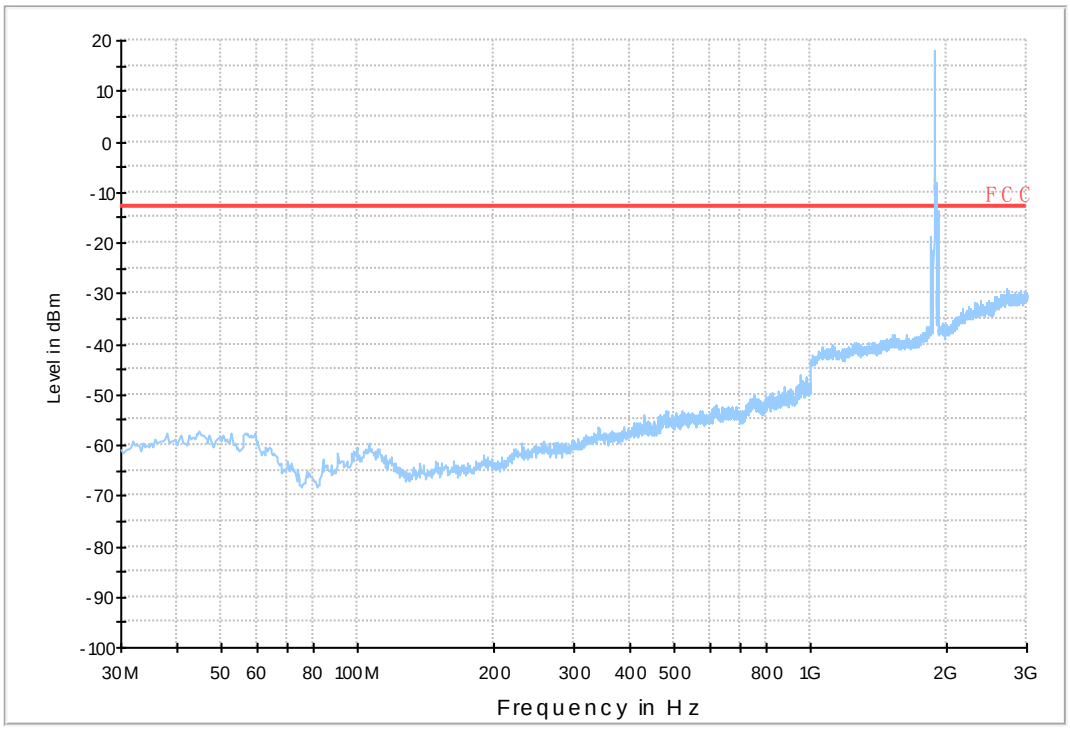

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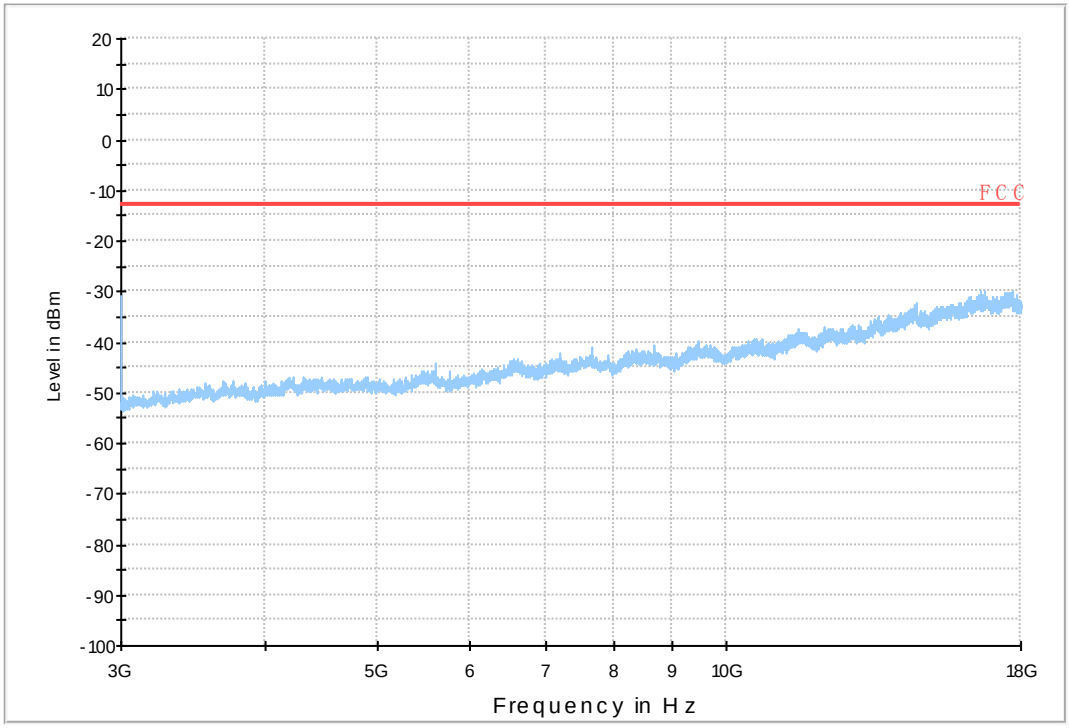

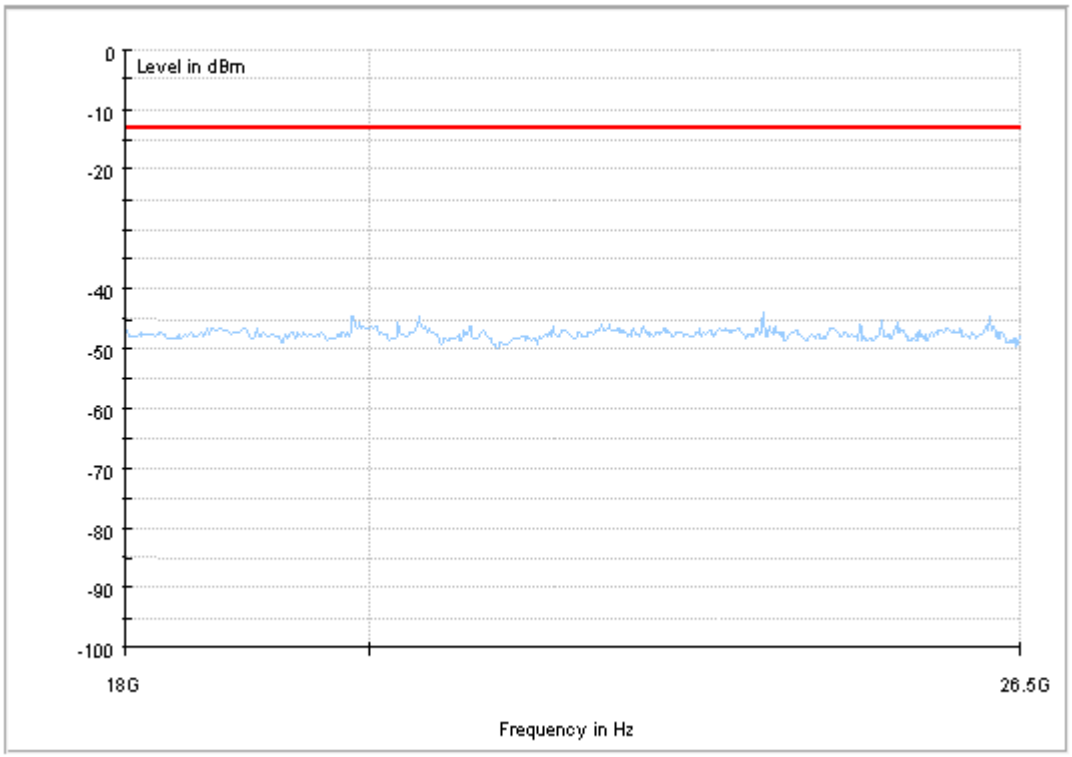

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8Appendix_H: Frequency Stability

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	3.39	0.00183	PASS
					VN	3.39	0.00183	PASS
					VH	-1.04	-0.00056	PASS
			MCH	TN	VL	-6.52	-0.00347	PASS
					VN	6.25	0.00332	PASS
					VH	-13.82	-0.00735	PASS
			HCH	TN	VL	-6.95	-0.00364	PASS
					VN	-2.83	-0.00148	PASS
					VH	-6.38	-0.00334	PASS
		3	LCH	TN	VL	-7.44	-0.00402	PASS
					VN	-7.51	-0.00406	PASS
					VH	-3.19	-0.00172	PASS
			MCH	TN	VL	-6.48	-0.00345	PASS
					VN	-8.78	-0.00467	PASS
					VH	-7.55	-0.00402	PASS
			HCH	TN	VL	-4.28	-0.00224	PASS
					VN	-4.25	-0.00223	PASS
					VH	-3.72	-0.00195	PASS
		5	LCH	TN	VL	-1.33	-0.00072	PASS
					VN	1.66	0.0009	PASS
					VH	-4.62	-0.00249	PASS
			MCH	TN	VL	-4.18	-0.00222	PASS
					VN	-2.12	-0.00113	PASS
					VH	-6.68	-0.00355	PASS
			HCH	TN	VL	-9.11	-0.00478	PASS
					VN	-0.76	-0.0004	PASS
					VH	0.53	0.00028	PASS
		10	LCH	TN	VL	0.19	0.0001	PASS
					VN	-2.29	-0.00123	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	0.11	0.00006	PASS
			MCH	TN	VL	-1.65	-0.00088	PASS
					VN	-3.55	-0.00189	PASS
					VH	-5.88	-0.00313	PASS
			HCH	TN	VL	-0.63	-0.00033	PASS
					VN	-0.80	-0.00042	PASS
					VH	-4.38	-0.0023	PASS
		15	LCH	TN	VL	0.54	0.00029	PASS
					VN	10.66	0.00574	PASS
					VH	6.90	0.00371	PASS
			MCH	TN	VL	-2.56	-0.00136	PASS
					VN	-4.66	-0.00248	PASS
					VH	-2.59	-0.00138	PASS
			HCH	TN	VL	-2.42	-0.00127	PASS
					VN	-1.40	-0.00074	PASS
					VH	-3.23	-0.0017	PASS
		20	LCH	TN	VL	-14.72	-0.00791	PASS
					VN	-8.84	-0.00475	PASS
					VH	-8.64	-0.00465	PASS
			MCH	TN	VL	-3.98	-0.00212	PASS
					VN	-6.41	-0.00341	PASS
					VH	-8.48	-0.00451	PASS
			HCH	TN	VL	2.36	0.00124	PASS
					VN	1.06	0.00056	PASS
					VH	1.95	0.00103	PASS
	LTE/TM2	1.4	LCH	TN	VL	5.51	0.00298	PASS
					VN	-8.08	-0.00437	PASS
					VH	2.78	0.0015	PASS
			MCH	TN	VL	-10.29	-0.00547	PASS
					VN	-8.84	-0.0047	PASS
					VH	-0.23	-0.00012	PASS
			HCH	TN	VL	-3.38	-0.00177	PASS
					VN	2.89	0.00151	PASS
					VH	-1.02	-0.00053	PASS
		3	LCH	TN	VL	-2.62	-0.00142	PASS
					VN	-9.17	-0.00495	PASS
					VH	-14.72	-0.00795	PASS
			MCH	TN	VL	1.89	0.00101	PASS
					VN	-5.61	-0.00298	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	-1.33	-0.00071	PASS
			HCH	TN	VL	-0.51	-0.00027	PASS
					VN	-11.72	-0.00614	PASS
					VH	-1.22	-0.00064	PASS
		5	LCH	TN	VL	-2.55	-0.00138	PASS
					VN	-2.60	-0.0014	PASS
					VH	-2.68	-0.00145	PASS
			MCH	TN	VL	-6.05	-0.00322	PASS
					VN	-0.86	-0.00046	PASS
					VH	2.55	0.00136	PASS
			HCH	TN	VL	-1.95	-0.00102	PASS
					VN	-1.23	-0.00064	PASS
					VH	-3.73	-0.00196	PASS
		10	LCH	TN	VL	-6.62	-0.00357	PASS
					VN	-2.96	-0.0016	PASS
					VH	1.92	0.00104	PASS
			MCH	TN	VL	-2.35	-0.00125	PASS
					VN	0.59	0.00031	PASS
					VH	-2.29	-0.00122	PASS
			HCH	TN	VL	-0.66	-0.00035	PASS
					VN	-3.96	-0.00208	PASS
					VH	1.29	0.00068	PASS
		15	LCH	TN	VL	-3.09	-0.00166	PASS
					VN	-4.36	-0.00235	PASS
					VH	-1.70	-0.00092	PASS
			MCH	TN	VL	-2.07	-0.0011	PASS
					VN	-0.23	-0.00012	PASS
					VH	-3.30	-0.00176	PASS
			HCH	TN	VL	-1.89	-0.00099	PASS
					VN	0.20	0.00011	PASS
					VH	-2.06	-0.00108	PASS
		20	LCH	TN	VL	-0.50	-0.00027	PASS
					VN	-1.27	-0.00068	PASS
					VH	-1.04	-0.00056	PASS
			MCH	TN	VL	-0.50	-0.00027	PASS
					VN	-0.24	-0.00013	PASS
					VH	-1.77	-0.00094	PASS
			HCH	TN	VL	-1.82	-0.00096	PASS
					VN	-1.85	-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
					VH	-2.13	-0.00112	PASS

8.1.2Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND2	LTE/TM1	1.4	LCH	VN	-30	-2.30	-0.00124	PASS
					-20	-9.21	-0.00498	PASS
					-10	3.99	0.00216	PASS
					0	-1.07	-0.00058	PASS
					10	-13.10	-0.00708	PASS
					20	-7.68	-0.00415	PASS
					30	-5.81	-0.00314	PASS
					40	3.53	0.00191	PASS
					50	-1.56	-0.00084	PASS
			MCH	VN	-30	14.85	0.0079	PASS
					-20	-1.00	-0.00053	PASS
					-10	-8.75	-0.00465	PASS
					0	-28.28	-0.01504	PASS
					10	8.24	0.00438	PASS
					20	2.09	0.00111	PASS
					30	-10.87	-0.00578	PASS
					40	-76.75	-0.04082	PASS
					50	6.47	0.00344	PASS
			HCH	VN	-30	-1.14	-0.0006	PASS
					-20	-3.98	-0.00208	PASS
					-10	-17.91	-0.00938	PASS
					0	-2.29	-0.0012	PASS
					10	-1.40	-0.00073	PASS
					20	-4.26	-0.00223	PASS
					30	-2.82	-0.00148	PASS
					40	-0.49	-0.00026	PASS
					50	-3.92	-0.00205	PASS
		3	LCH	VN	-30	-8.88	-0.0048	PASS
					-20	-2.72	-0.00147	PASS
					-10	-0.93	-0.0005	PASS
					0	-12.63	-0.00682	PASS
					10	0.89	0.00048	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	-9.10	-0.00491	PASS
					30	1.29	0.0007	PASS
					40	-11.66	-0.0063	PASS
					50	-2.39	-0.00129	PASS
			MCH	VN	-30	-11.63	-0.00619	PASS
					-20	-1.10	-0.00059	PASS
					-10	-9.76	-0.00519	PASS
					0	-1.22	-0.00065	PASS
					10	-10.96	-0.00583	PASS
					20	1.53	0.00081	PASS
					30	-8.63	-0.00459	PASS
					40	-1.02	-0.00054	PASS
					50	0.84	0.00045	PASS
			HCH	VN	-30	-10.86	-0.00569	PASS
					-20	-2.89	-0.00151	PASS
					-10	-2.79	-0.00146	PASS
					0	-10.64	-0.00558	PASS
					10	-6.87	-0.0036	PASS
					20	-12.03	-0.0063	PASS
					30	0.70	0.00037	PASS
					40	-1.32	-0.00069	PASS
					50	-16.58	-0.00869	PASS
		5	LCH	VN	-30	-3.22	-0.00174	PASS
					-20	-0.43	-0.00023	PASS
					-10	-0.21	-0.00011	PASS
					0	-4.88	-0.00263	PASS
					10	-2.26	-0.00122	PASS
					20	-2.43	-0.00131	PASS
					30	-0.13	-0.00007	PASS
					40	-3.25	-0.00175	PASS
					50	-2.70	-0.00146	PASS
			MCH	VN	-30	0.39	0.00021	PASS
					-20	-1.85	-0.00098	PASS
					-10	1.13	0.0006	PASS
					0	-0.99	-0.00053	PASS
					10	-0.93	-0.00049	PASS
					20	-0.13	-0.00007	PASS
					30	-0.44	-0.00023	PASS
					40	-0.72	-0.00038	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	0.84	0.00045	PASS
			HCH	VN	-30	2.45	0.00128	PASS
					-20	3.28	0.00172	PASS
					-10	-0.76	-0.0004	PASS
					0	-0.31	-0.00016	PASS
					10	0.99	0.00052	PASS
					20	-0.21	-0.00011	PASS
					30	-0.56	-0.00029	PASS
					40	-1.06	-0.00056	PASS
					50	-1.52	-0.0008	PASS
		10	LCH	VN	-30	-2.70	-0.00146	PASS
					-20	1.52	0.00082	PASS
					-10	3.25	0.00175	PASS
					0	-1.22	-0.00066	PASS
					10	-2.95	-0.00159	PASS
					20	-0.90	-0.00049	PASS
					30	0.43	0.00023	PASS
					40	-3.10	-0.00167	PASS
					50	-3.13	-0.00169	PASS
			MCH	VN	-30	-0.23	-0.00012	PASS
					-20	-1.17	-0.00062	PASS
					-10	-0.30	-0.00016	PASS
					0	-1.46	-0.00078	PASS
					10	-0.03	-0.00002	PASS
					20	1.42	0.00076	PASS
					30	-1.69	-0.0009	PASS
					40	-0.77	-0.00041	PASS
					50	-3.08	-0.00164	PASS
			HCH	VN	-30	0.43	0.00023	PASS
					-20	2.59	0.00136	PASS
					-10	0.86	0.00045	PASS
					0	-0.34	-0.00018	PASS
					10	-0.39	-0.0002	PASS
					20	1.54	0.00081	PASS
					30	0.33	0.00017	PASS
					40	-0.30	-0.00016	PASS
					50	-0.17	-0.00009	PASS
		15	LCH	VN	-30	-5.51	-0.00297	PASS
					-20	-5.45	-0.00293	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	-2.65	-0.00143	PASS
					0	-5.34	-0.00287	PASS
					10	-8.14	-0.00438	PASS
					20	-3.20	-0.00172	PASS
					30	-2.49	-0.00134	PASS
					40	-0.04	-0.00002	PASS
					50	-2.36	-0.00127	PASS
			MCH	VN	-30	36.28	0.0193	PASS
					-20	37.55	0.01997	PASS
					-10	30.61	0.01628	PASS
					0	34.36	0.01828	PASS
					10	33.19	0.01765	PASS
					20	26.24	0.01396	PASS
					30	29.18	0.01552	PASS
					40	40.81	0.02171	PASS
					50	25.13	0.01337	PASS
			HCH	VN	-30	-2.96	-0.00156	PASS
					-20	0.94	0.00049	PASS
					-10	0.04	0.00002	PASS
					0	-0.04	-0.00002	PASS
					10	-0.31	-0.00016	PASS
					20	-1.76	-0.00093	PASS
					30	-0.83	-0.00044	PASS
					40	-4.73	-0.00249	PASS
					50	-1.30	-0.00068	PASS
		20	LCH	VN	-30	0.03	0.00002	PASS
					-20	-38.81	-0.02087	PASS
					-10	-49.17	-0.02644	PASS
					0	-41.69	-0.02241	PASS
					10	-36.89	-0.01983	PASS
					20	-0.13	-0.00007	PASS
					30	0.26	0.00014	PASS
					40	0.00	0	PASS
					50	0.37	0.0002	PASS
			MCH	VN	-30	9.44	0.00502	PASS
					-20	3.93	0.00209	PASS
					-10	11.20	0.00596	PASS
					0	12.45	0.00662	PASS
					10	15.22	0.0081	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	12.04	0.0064	PASS
					30	12.02	0.00639	PASS
					40	3.72	0.00198	PASS
					50	-0.30	-0.00016	PASS
			HCH	VN	-30	-1.19	-0.00063	PASS
					-20	-2.15	-0.00113	PASS
					-10	-3.48	-0.00183	PASS
					0	-4.28	-0.00225	PASS
					10	-4.26	-0.00224	PASS
					20	-0.77	-0.00041	PASS
					30	-4.25	-0.00224	PASS
					40	-4.15	-0.00218	PASS
					50	-3.85	-0.00203	PASS
	LTE/TM2	1.4	LCH	VN	-30	-0.20	-0.00011	PASS
					-20	-6.97	-0.00377	PASS
					-10	-4.78	-0.00258	PASS
					0	-9.90	-0.00535	PASS
					10	-0.17	-0.00009	PASS
					20	-10.99	-0.00594	PASS
					30	-14.93	-0.00807	PASS
					40	-6.79	-0.00367	PASS
					50	-9.43	-0.0051	PASS
			MCH	VN	-30	38.70	0.02059	PASS
					-20	-17.82	-0.00948	PASS
					-10	-10.63	-0.00565	PASS
					0	-0.96	-0.00051	PASS
					10	0.49	0.00026	PASS
					20	-1.46	-0.00078	PASS
					30	-8.58	-0.00456	PASS
					40	5.87	0.00312	PASS
					50	0.19	0.0001	PASS
			HCH	VN	-30	4.81	0.00252	PASS
					-20	-4.69	-0.00246	PASS
					-10	-3.71	-0.00194	PASS
					0	2.09	0.00109	PASS
					10	-4.76	-0.00249	PASS
					20	-4.22	-0.00221	PASS
					30	-8.11	-0.00425	PASS
					40	3.60	0.00189	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	2.30	0.0012	PASS
		3	LCH	VN	-30	-20.69	-0.01117	PASS
					-20	-7.80	-0.00421	PASS
					-10	-2.55	-0.00138	PASS
					0	-2.02	-0.00109	PASS
					10	-4.66	-0.00252	PASS
					20	-4.01	-0.00217	PASS
					30	-0.20	-0.00011	PASS
					40	-4.36	-0.00235	PASS
					50	0.82	0.00044	PASS
			MCH	VN	-30	-0.23	-0.00012	PASS
					-20	0.10	0.00005	PASS
					-10	-1.22	-0.00065	PASS
					0	-8.01	-0.00426	PASS
					10	-0.86	-0.00046	PASS
					20	-0.03	-0.00002	PASS
					30	-4.32	-0.0023	PASS
					40	-1.02	-0.00054	PASS
					50	-3.72	-0.00198	PASS
			HCH	VN	-30	-2.95	-0.00155	PASS
					-20	-1.66	-0.00087	PASS
					-10	-6.32	-0.00331	PASS
					0	0.00	0	PASS
					10	0.72	0.00038	PASS
					20	1.44	0.00075	PASS
					30	-8.27	-0.00433	PASS
					40	-13.70	-0.00718	PASS
					50	-10.31	-0.0054	PASS
		5	LCH	VN	-30	-0.70	-0.00038	PASS
					-20	-2.45	-0.00132	PASS
					-10	-0.62	-0.00033	PASS
					0	0.16	0.00009	PASS
					10	-2.92	-0.00158	PASS
					20	-0.49	-0.00026	PASS
					30	-3.65	-0.00197	PASS
					40	2.33	0.00126	PASS
					50	-2.85	-0.00154	PASS
			MCH	VN	-30	-0.09	-0.00005	PASS
					-20	0.99	0.00053	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	0.31	0.00016	PASS
					0	-1.43	-0.00076	PASS
					10	-2.26	-0.0012	PASS
					20	0.14	0.00007	PASS
					30	0.70	0.00037	PASS
					40	0.97	0.00052	PASS
					50	-1.27	-0.00068	PASS
			HCH	VN	-30	-1.82	-0.00095	PASS
					-20	-4.85	-0.00254	PASS
					-10	-0.64	-0.00034	PASS
					0	-9.31	-0.00488	PASS
					10	-1.66	-0.00087	PASS
					20	1.02	0.00053	PASS
					30	-2.99	-0.00157	PASS
					40	0.19	0.0001	PASS
					50	-2.40	-0.00126	PASS
		10	LCH	VN	-30	-0.40	-0.00022	PASS
					-20	-5.98	-0.00322	PASS
					-10	-0.21	-0.00011	PASS
					0	-3.55	-0.00191	PASS
					10	-1.24	-0.00067	PASS
					20	-2.23	-0.0012	PASS
					30	-0.59	-0.00032	PASS
					40	-5.44	-0.00293	PASS
					50	-11.74	-0.00633	PASS
			MCH	VN	-30	-1.44	-0.00077	PASS
					-20	-2.35	-0.00125	PASS
					-10	-1.00	-0.00053	PASS
					0	0.73	0.00039	PASS
					10	0.00	0	PASS
					20	-0.94	-0.0005	PASS
					30	-0.63	-0.00034	PASS
					40	0.24	0.00013	PASS
					50	-0.54	-0.00029	PASS
			HCH	VN	-30	-3.62	-0.0019	PASS
					-20	-0.04	-0.00002	PASS
					-10	-2.17	-0.00114	PASS
					0	-0.37	-0.00019	PASS
					10	-1.66	-0.00087	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	1.20	0.00063	PASS
					30	-1.40	-0.00073	PASS
					40	2.19	0.00115	PASS
					50	0.40	0.00021	PASS
		15	LCH	VN	-30	4.46	0.0024	PASS
					-20	-0.57	-0.00031	PASS
					-10	-0.29	-0.00016	PASS
					0	4.12	0.00222	PASS
					10	2.33	0.00125	PASS
					20	4.39	0.00236	PASS
					30	-3.46	-0.00186	PASS
					40	2.23	0.0012	PASS
					50	0.63	0.00034	PASS
			MCH	VN	-30	7.87	0.00419	PASS
					-20	4.91	0.00261	PASS
					-10	2.80	0.00149	PASS
					0	6.11	0.00325	PASS
					10	1.03	0.00055	PASS
					20	6.18	0.00329	PASS
					30	1.66	0.00088	PASS
					40	-1.37	-0.00073	PASS
					50	0.03	0.00002	PASS
			HCH	VN	-30	-0.46	-0.00024	PASS
					-20	-0.50	-0.00026	PASS
					-10	-0.73	-0.00038	PASS
					0	-2.55	-0.00134	PASS
					10	0.03	0.00002	PASS
					20	-2.88	-0.00151	PASS
					30	-4.22	-0.00222	PASS
					40	-1.20	-0.00063	PASS
					50	1.62	0.00085	PASS
		20	LCH	VN	-30	-2.92	-0.00157	PASS
					-20	-1.97	-0.00106	PASS
					-10	2.46	0.00132	PASS
					0	-1.20	-0.00065	PASS
					10	6.64	0.00357	PASS
					20	7.60	0.00409	PASS
					30	3.62	0.00195	PASS
					40	10.66	0.00573	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	10.63	0.00572	PASS
			MCH	VN	-30	-13.16	-0.007	PASS
					-20	-15.86	-0.00844	PASS
					-10	-10.37	-0.00552	PASS
					0	-9.86	-0.00524	PASS
					10	-6.95	-0.0037	PASS
					20	-9.27	-0.00493	PASS
					30	-15.52	-0.00826	PASS
					40	-16.05	-0.00854	PASS
					50	-20.26	-0.01078	PASS
			HCH	VN	-30	-2.47	-0.0013	PASS
					-20	1.03	0.00054	PASS
					-10	-0.17	-0.00009	PASS
					0	-1.80	-0.00095	PASS
					10	-2.29	-0.00121	PASS
					20	-2.49	-0.00131	PASS
					30	-0.60	-0.00032	PASS
					40	-1.79	-0.00094	PASS

END

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