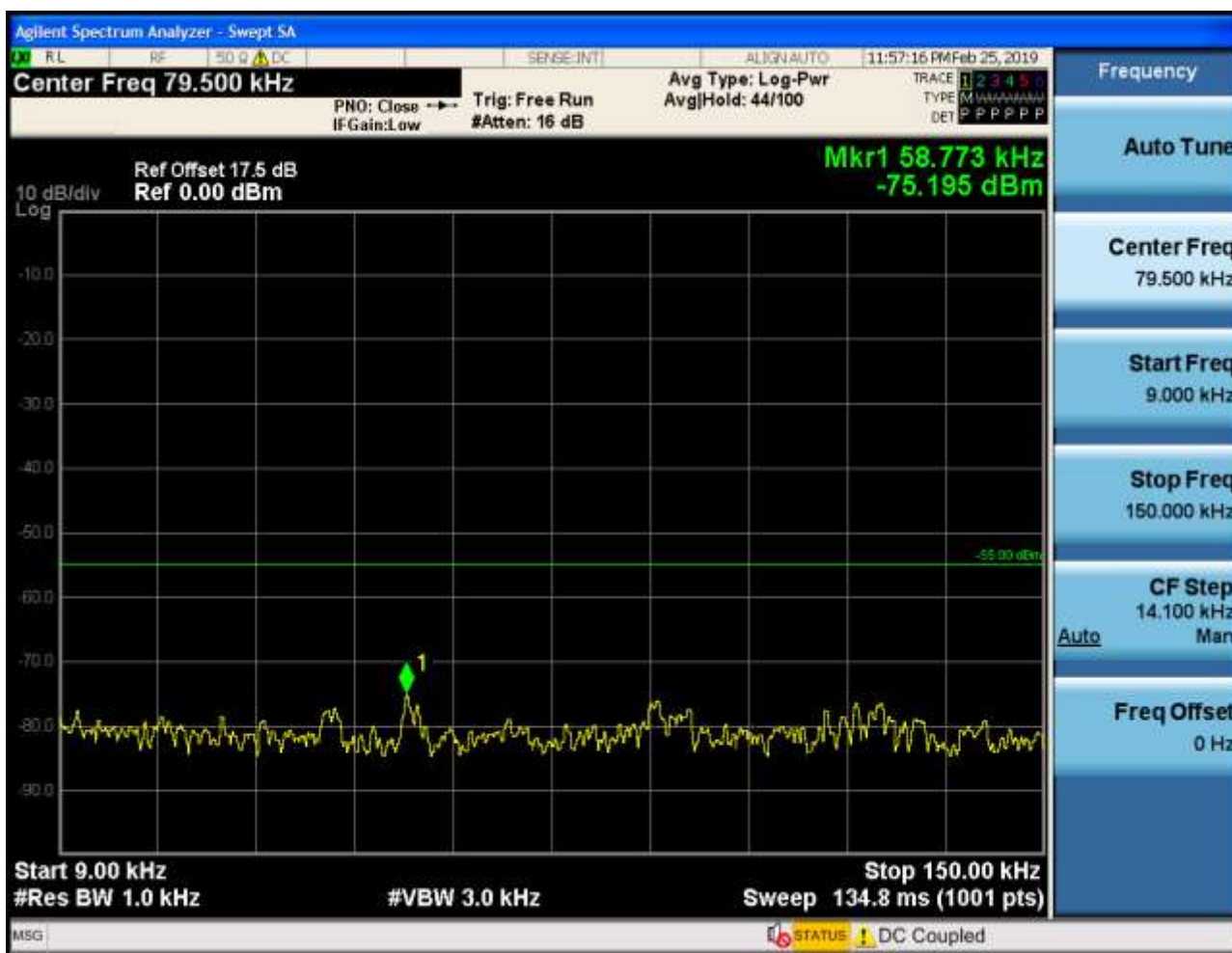
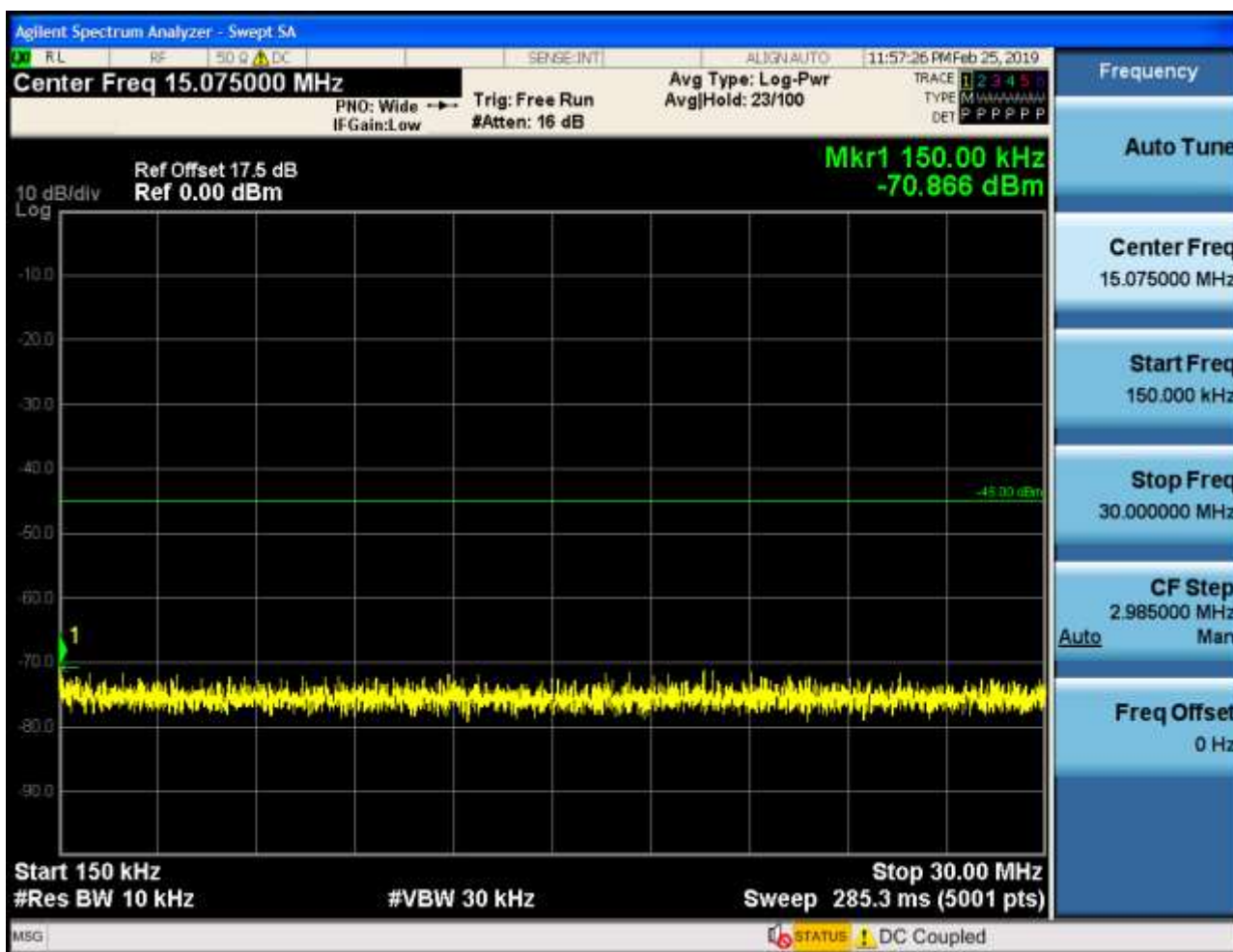


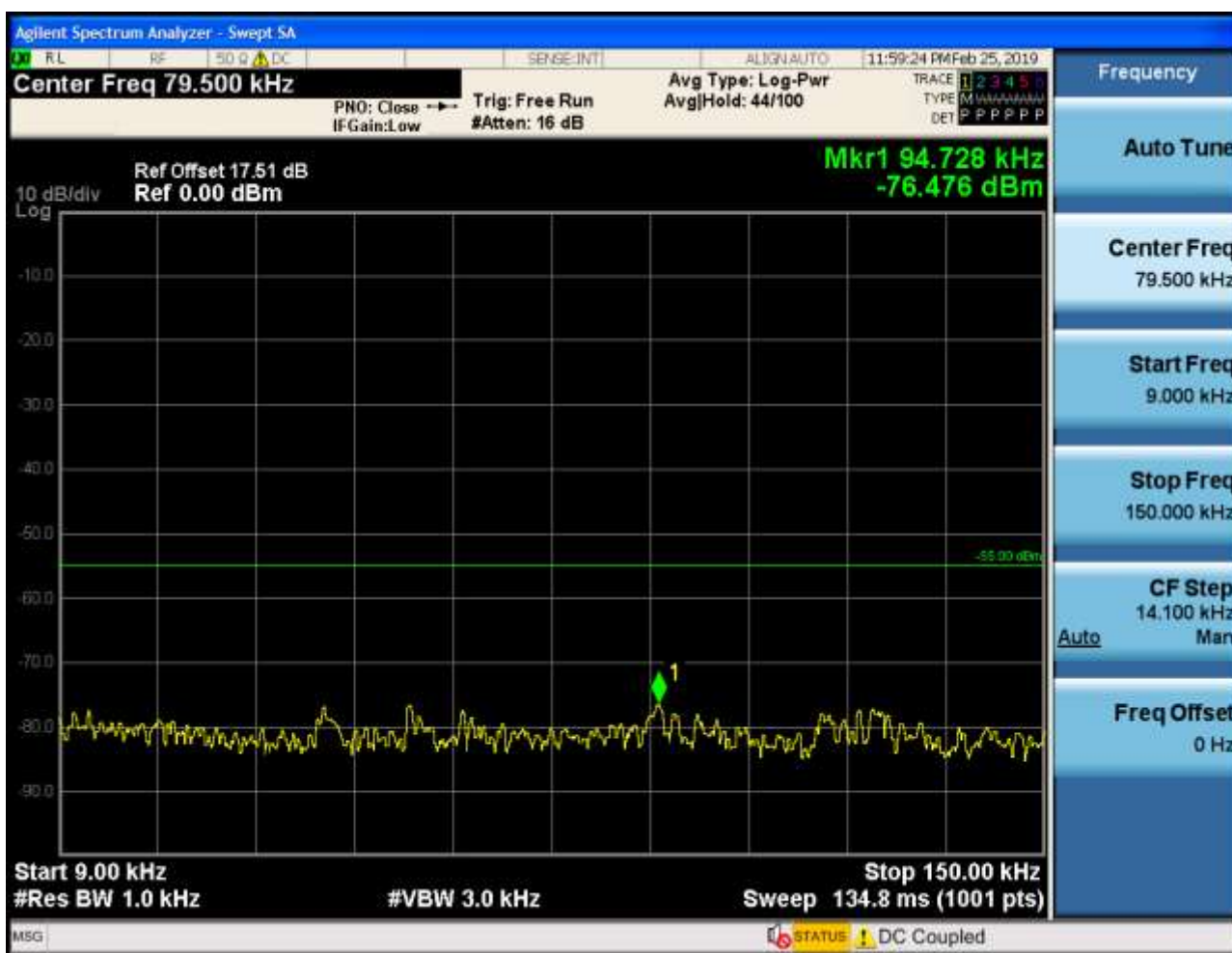


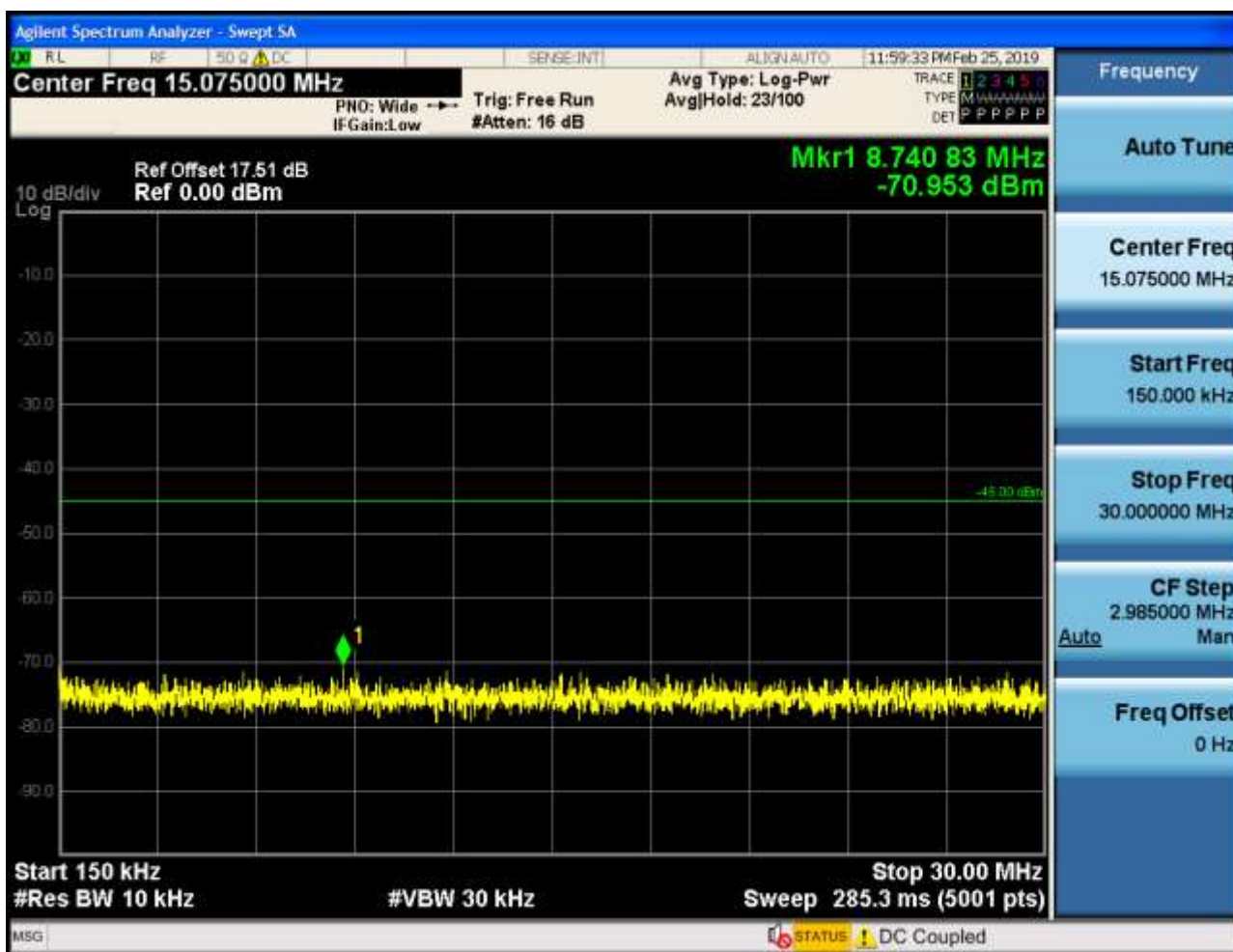




6.2.1.1.1.2 Test Channel = MCH

6.2.1.1.1.2.1 Test RB = RB1#0

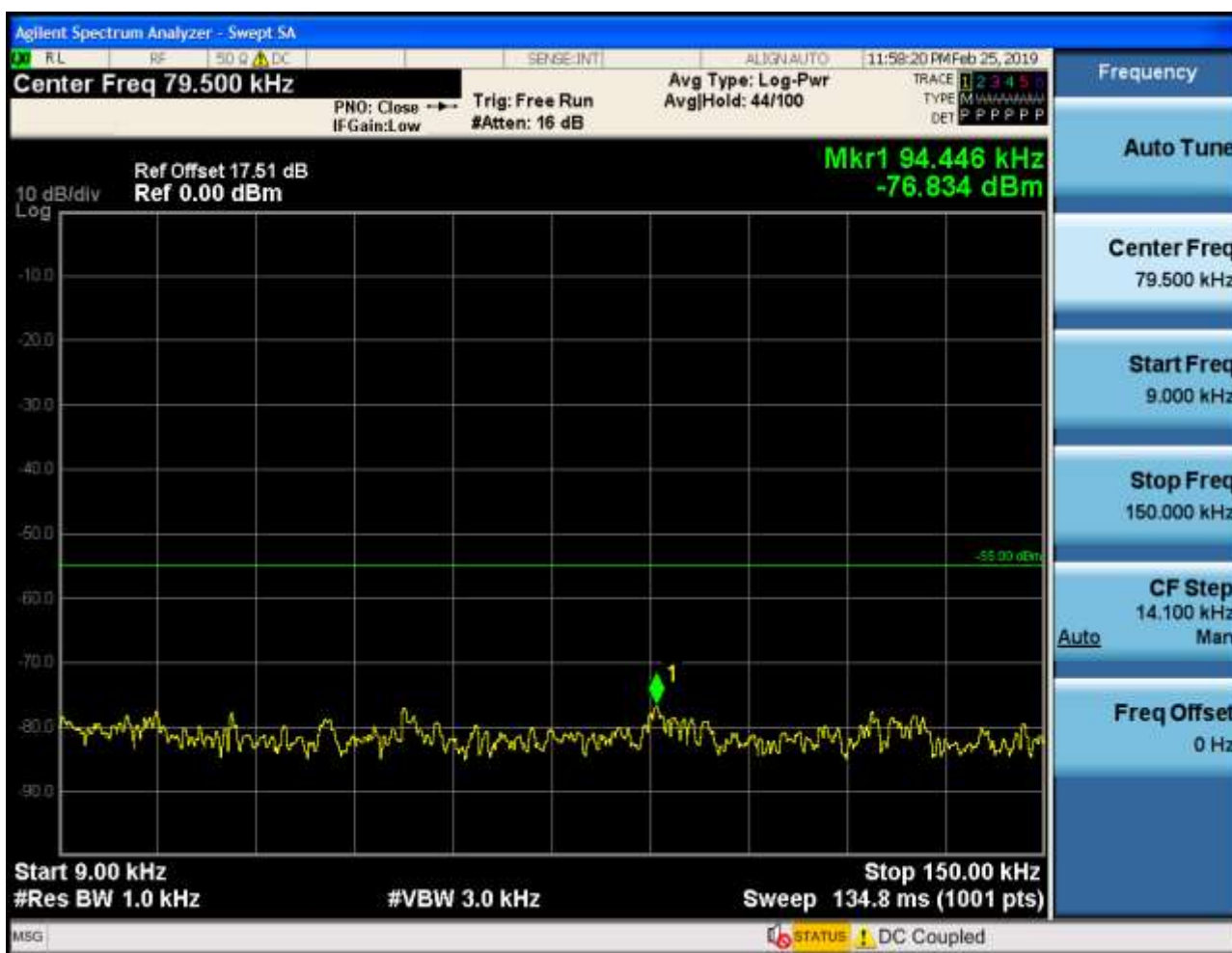


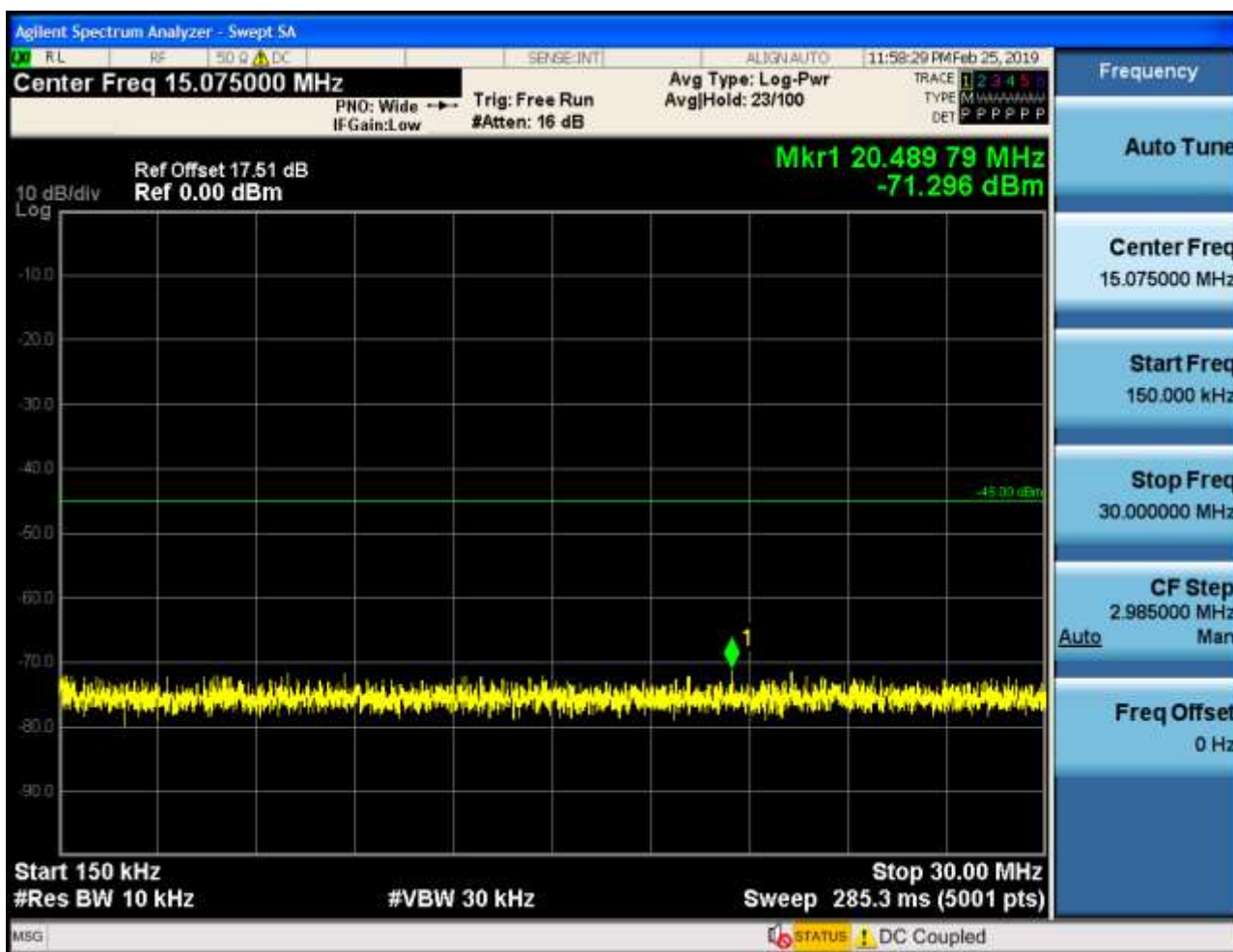




6.2.1.1.1.3 Test Channel = HCH

6.2.1.1.1.3.1 Test RB = RB1#0







6.2.1.1.2 Test Bandwidth = 10

6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0



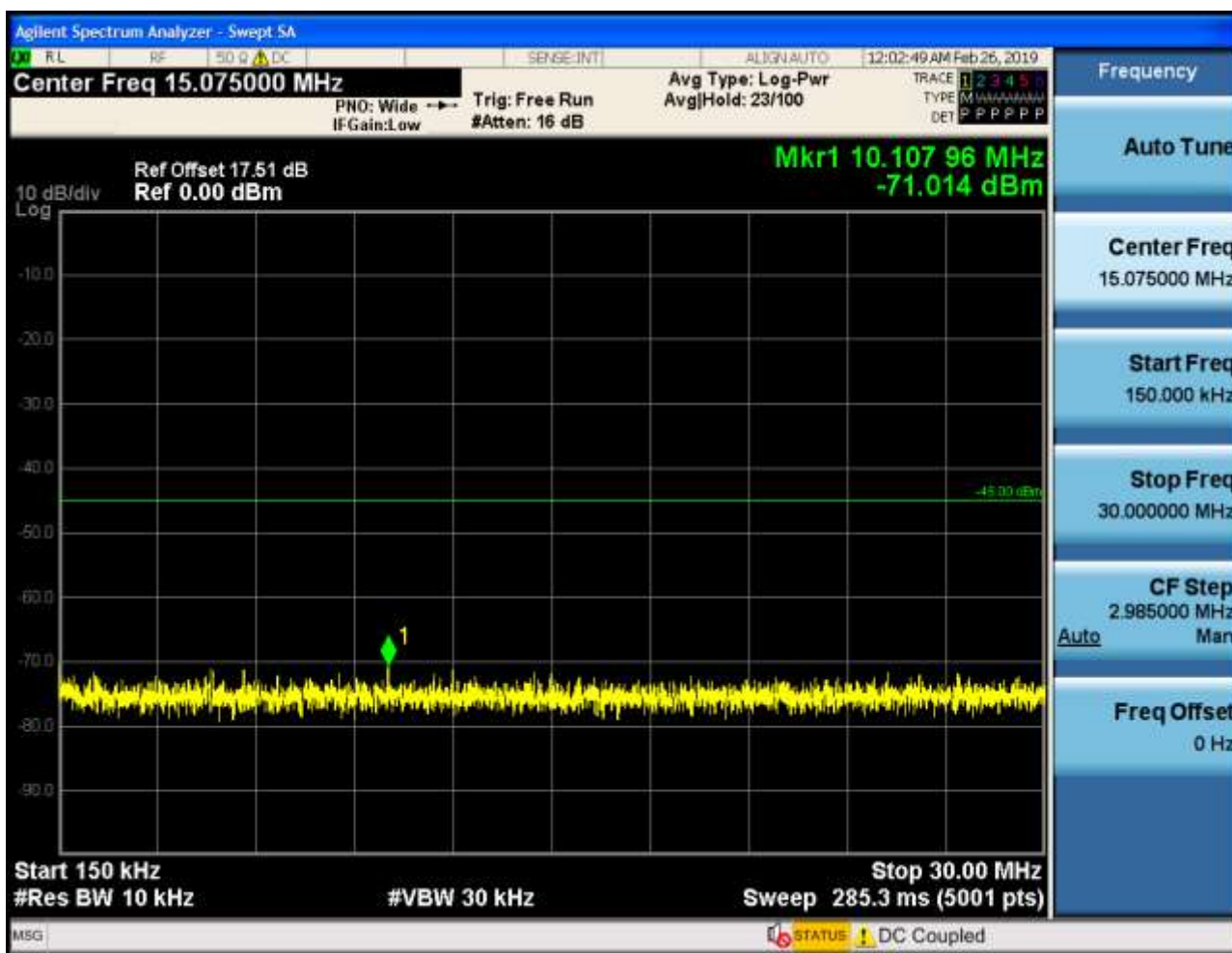




6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0

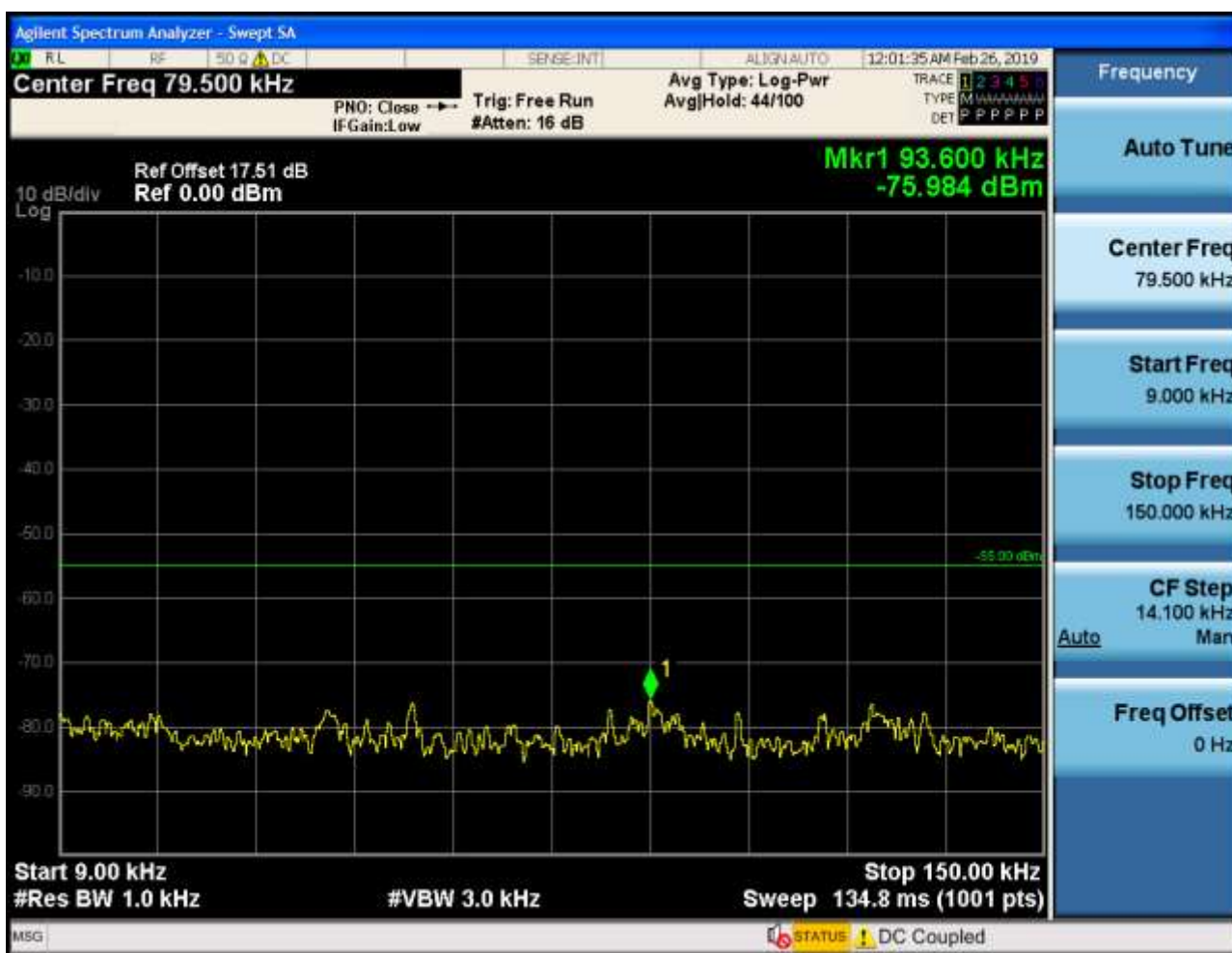






6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0



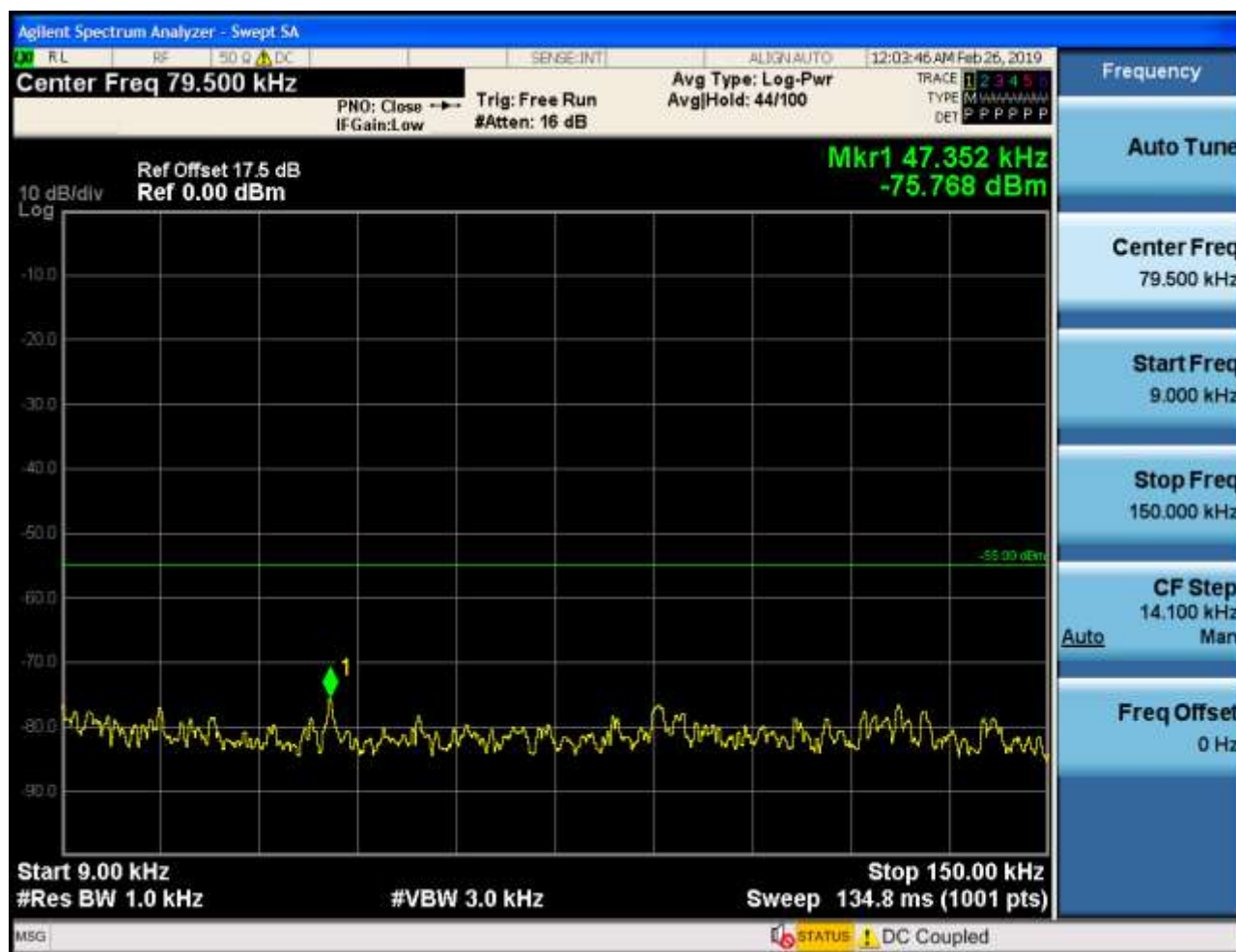




6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0

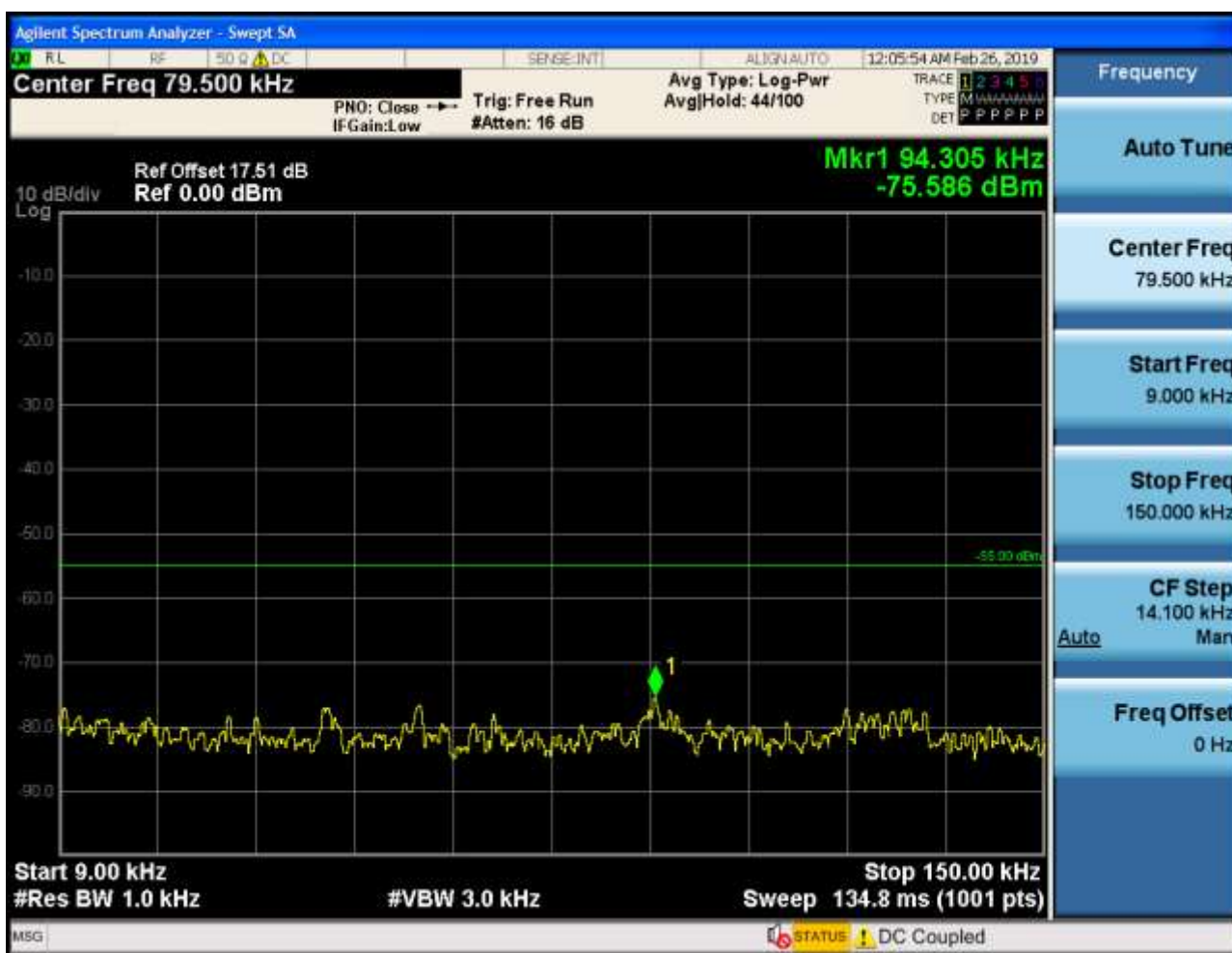


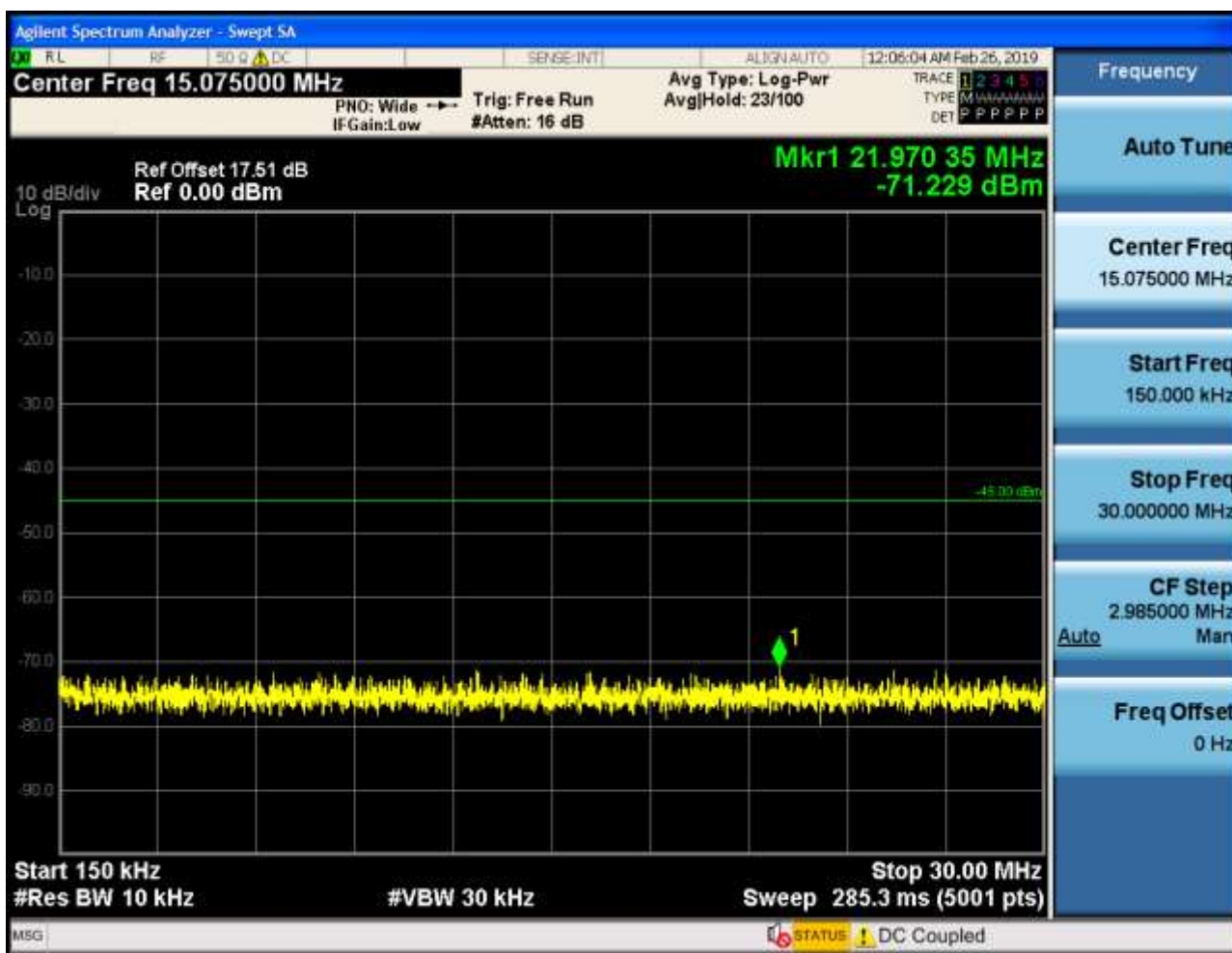




6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0

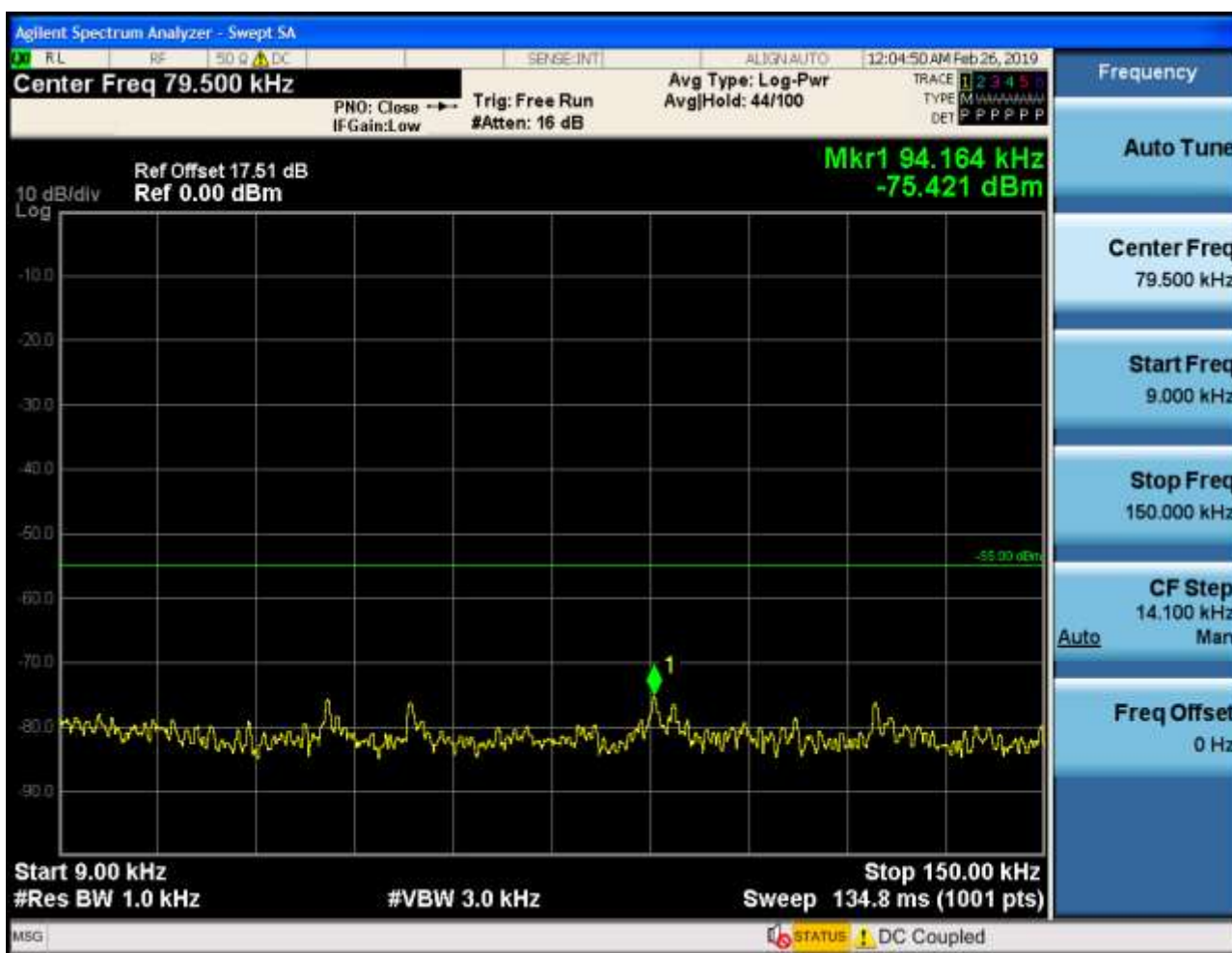






6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0







6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0

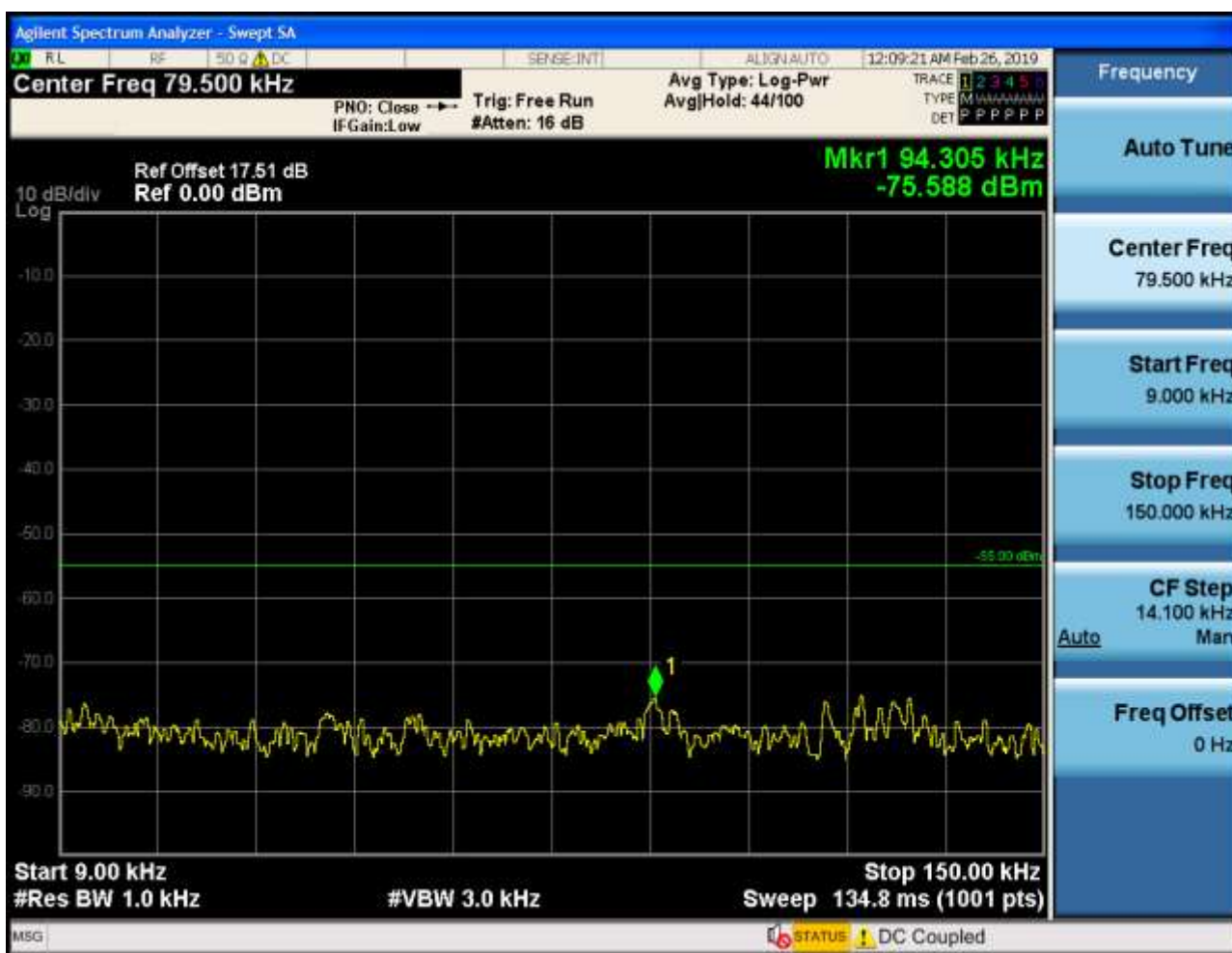






6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



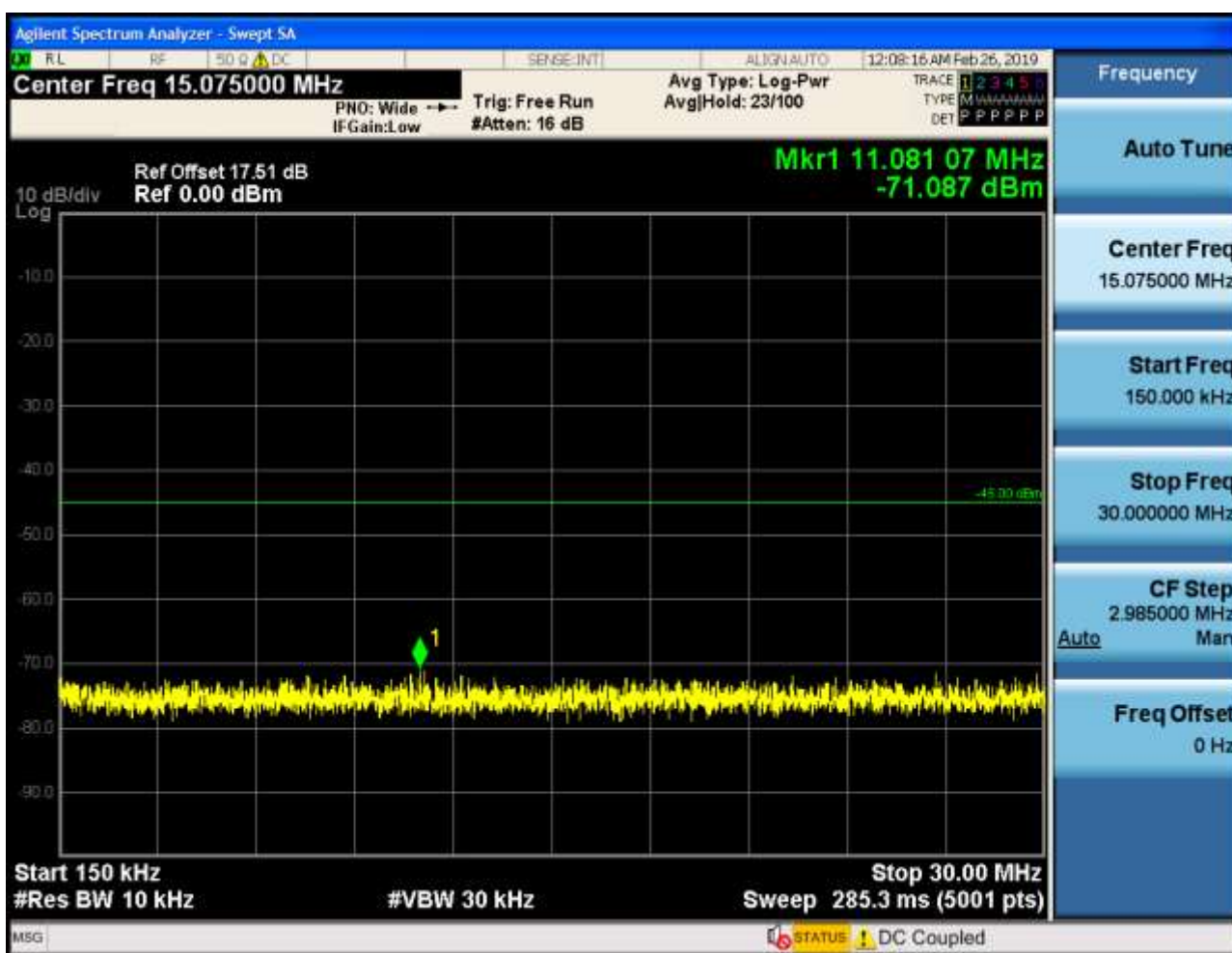




6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0

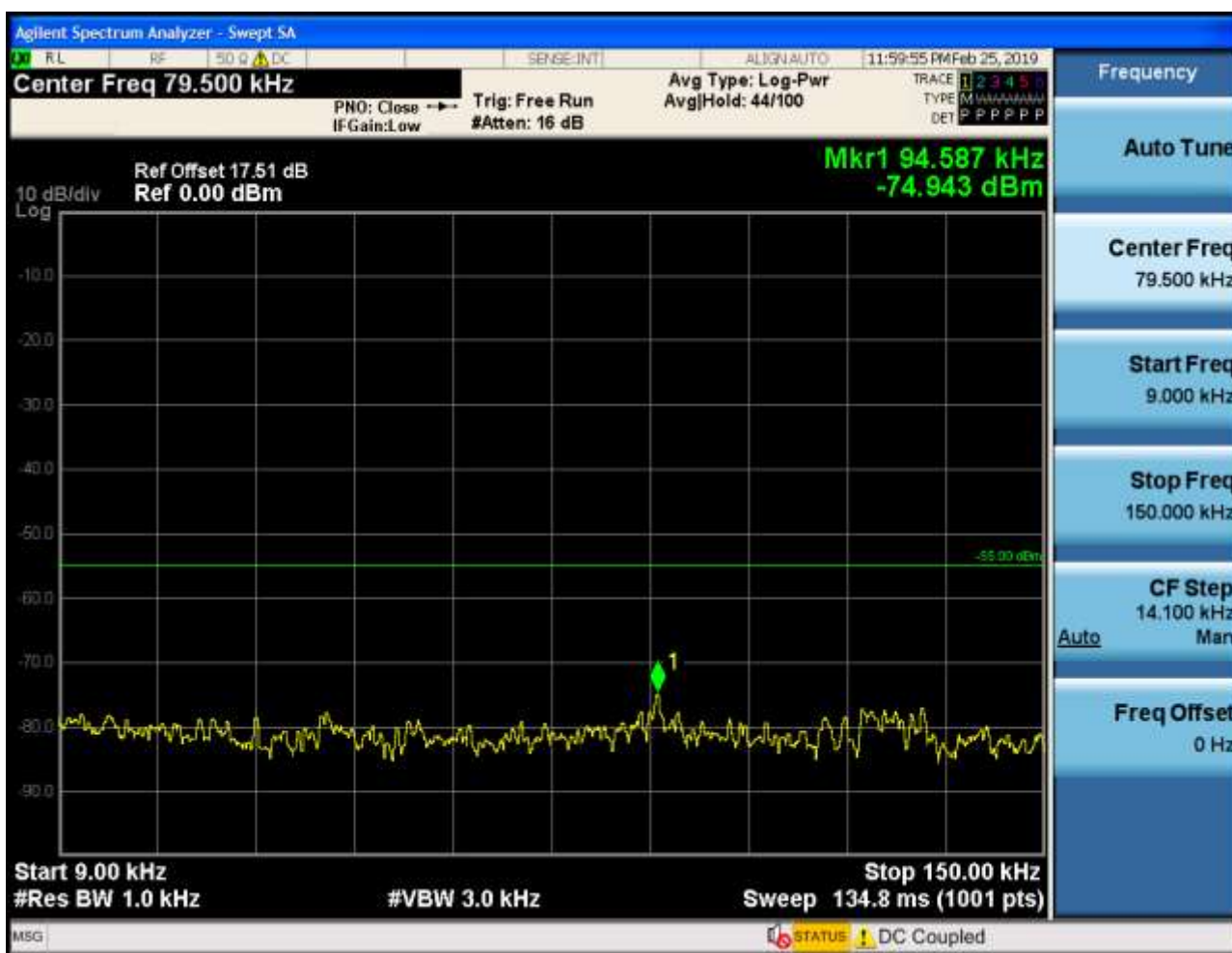


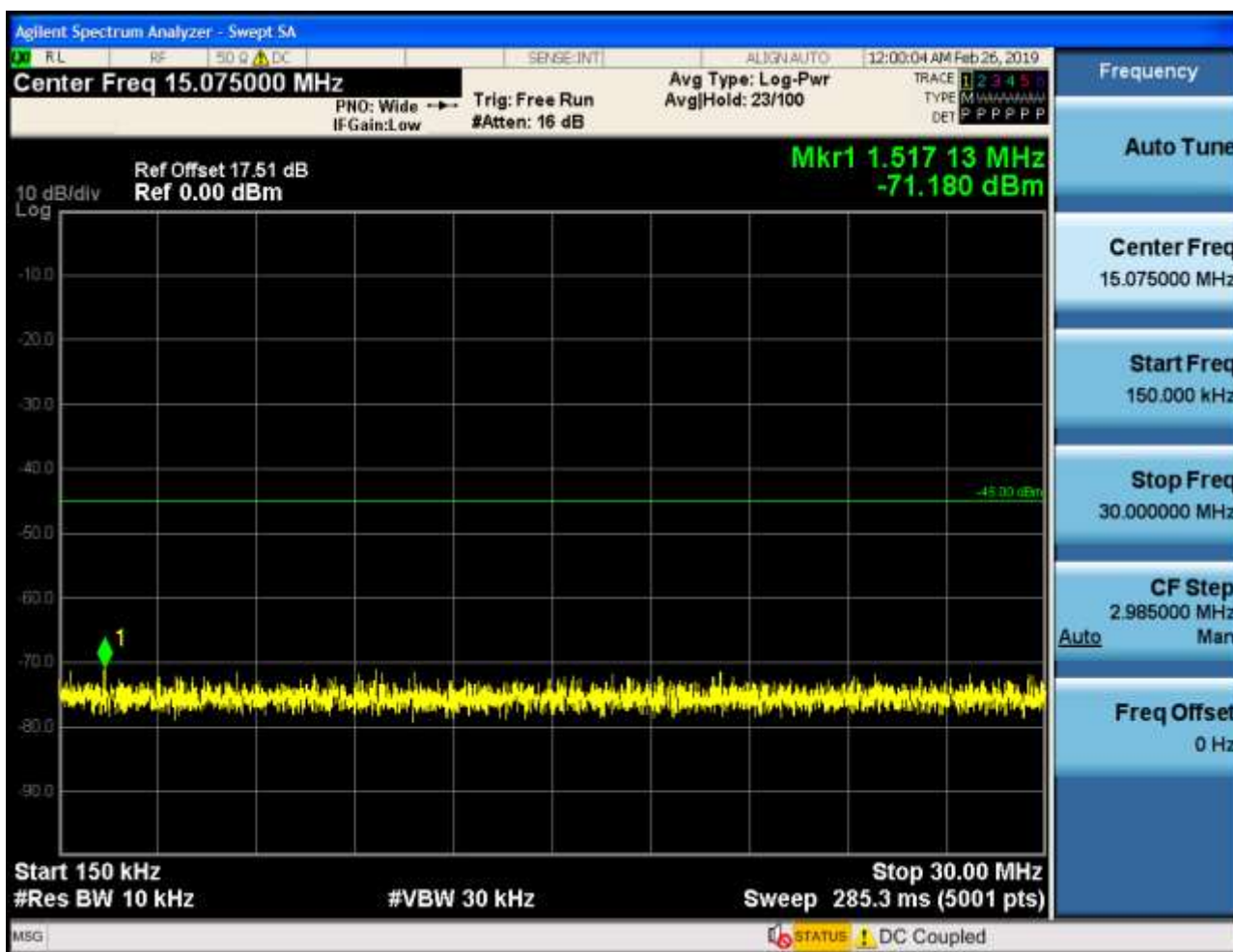




6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0

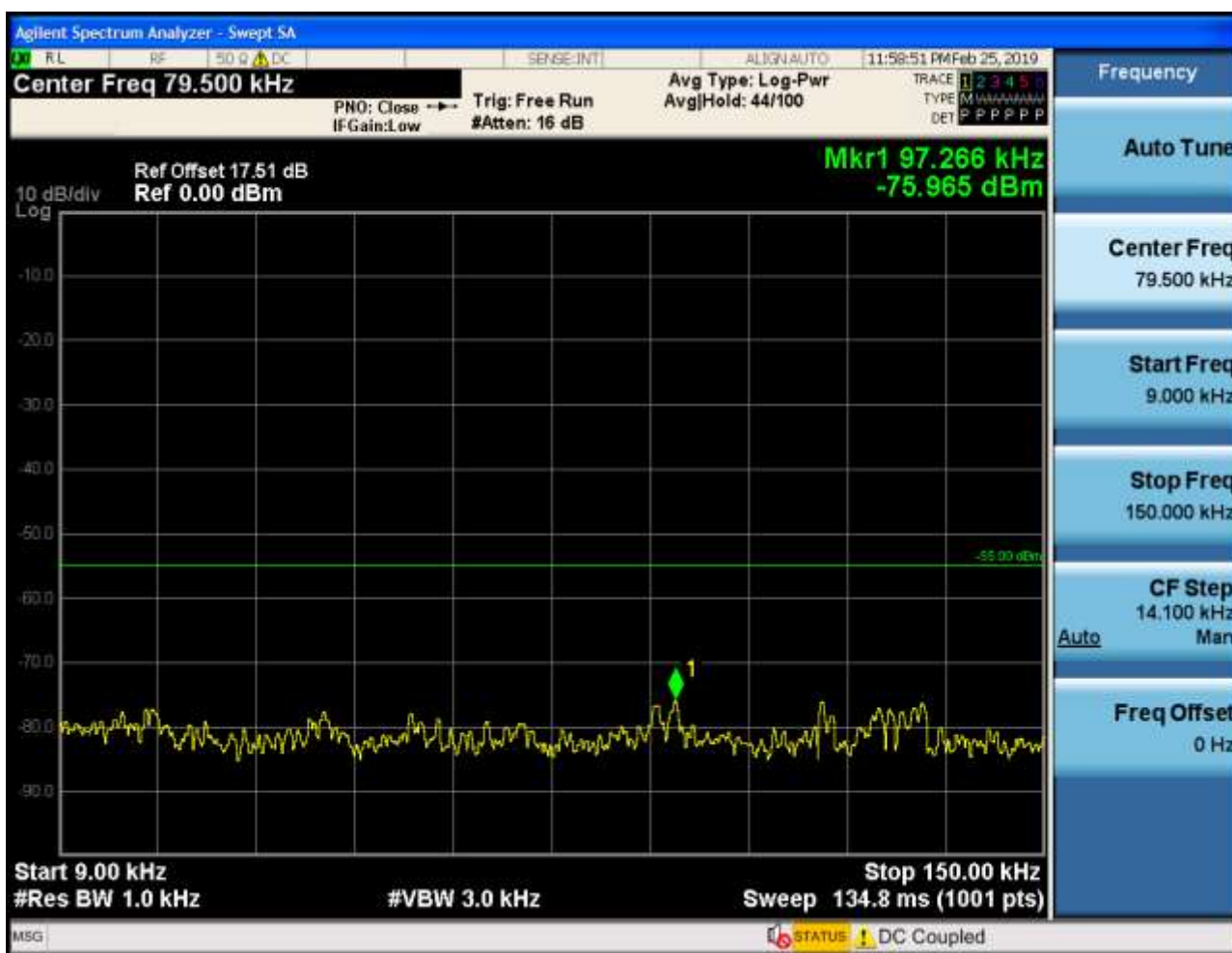


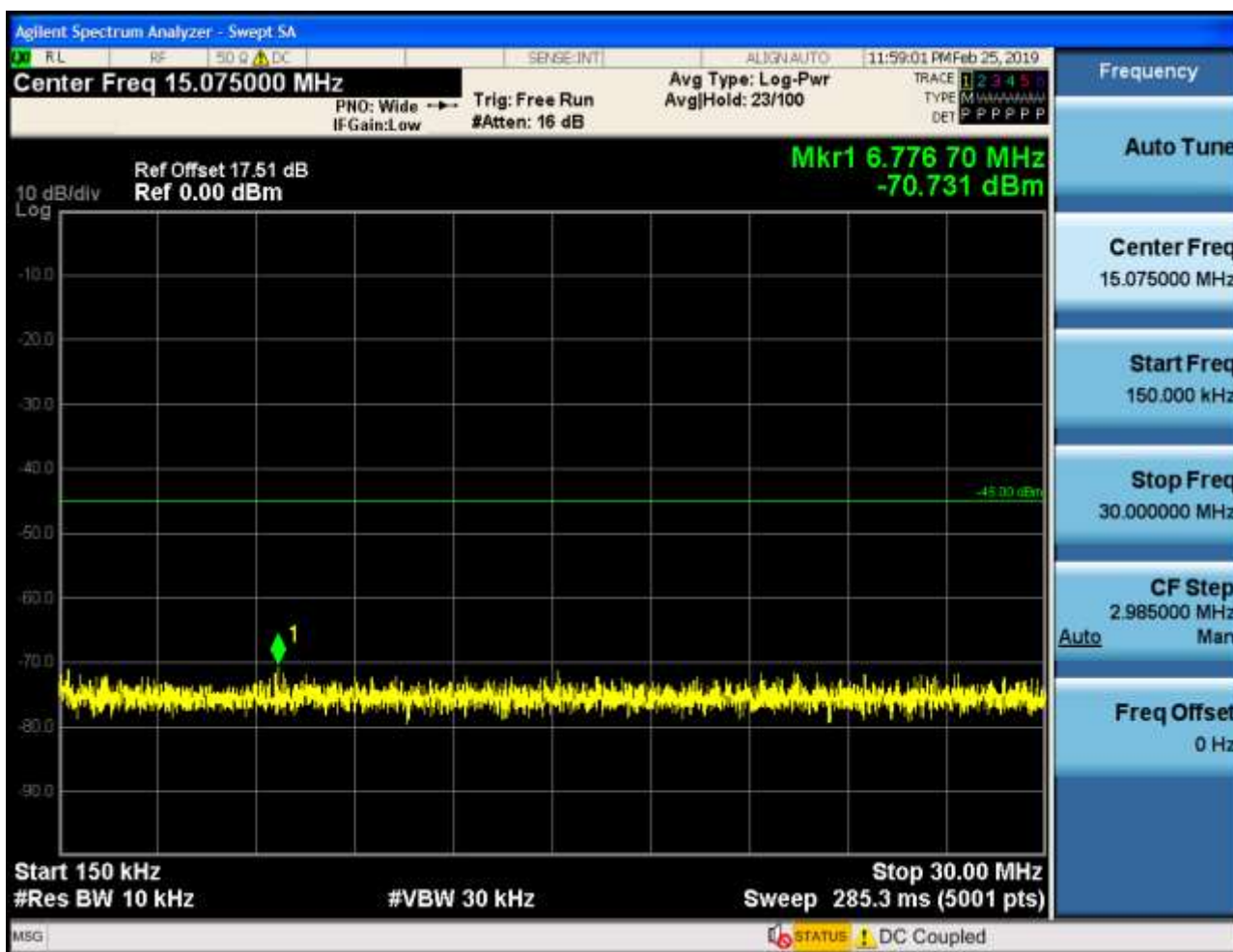




6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



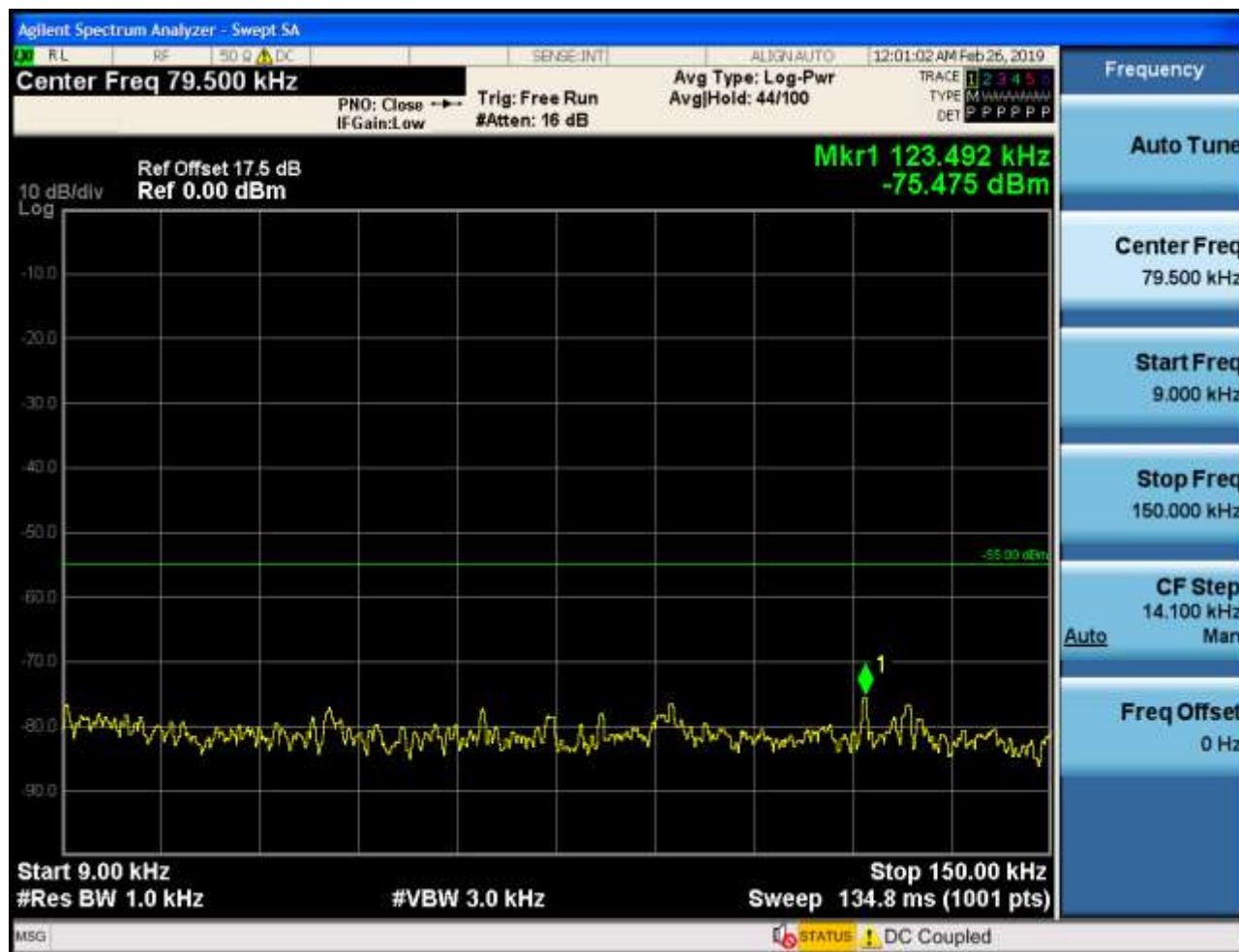




6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



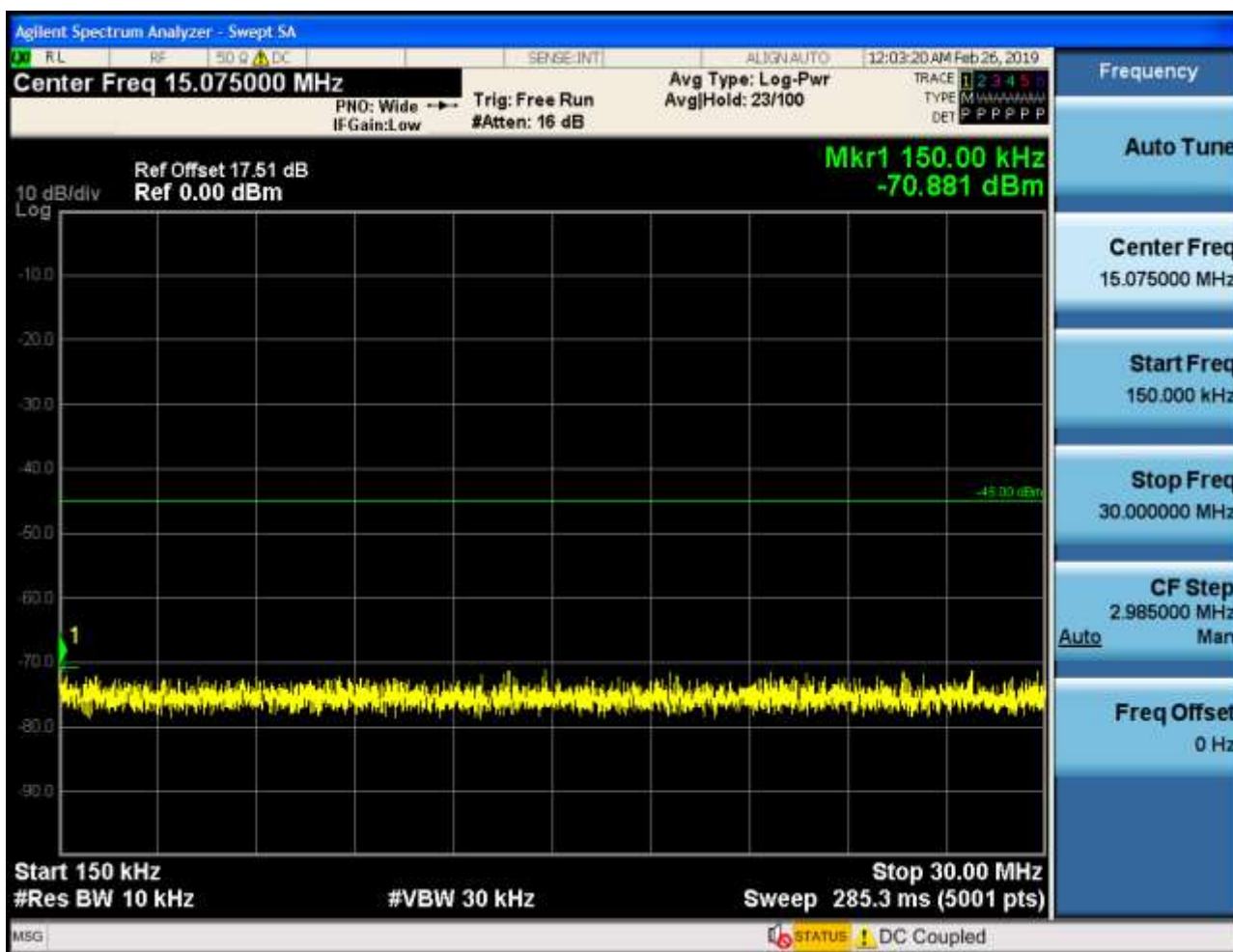




6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0

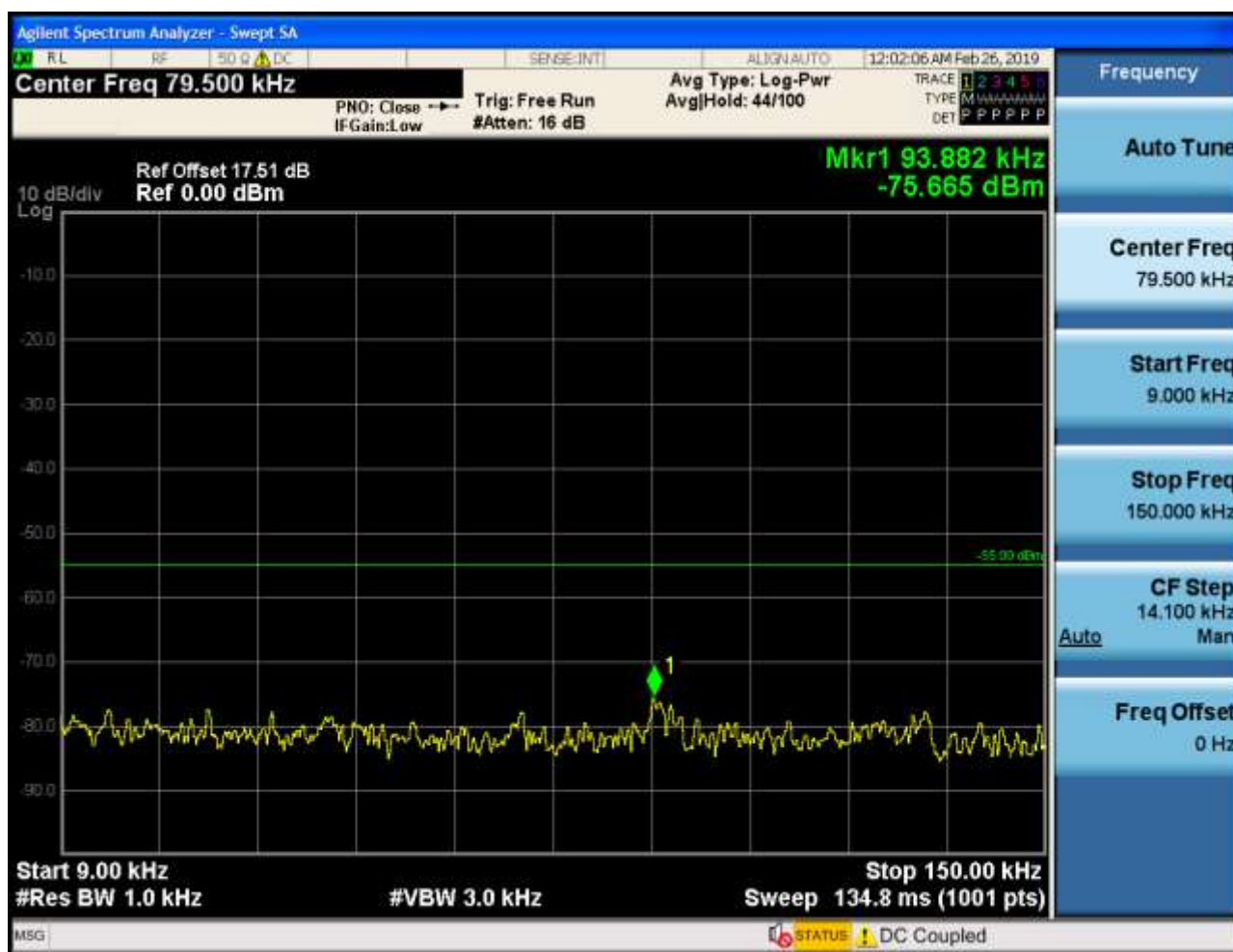


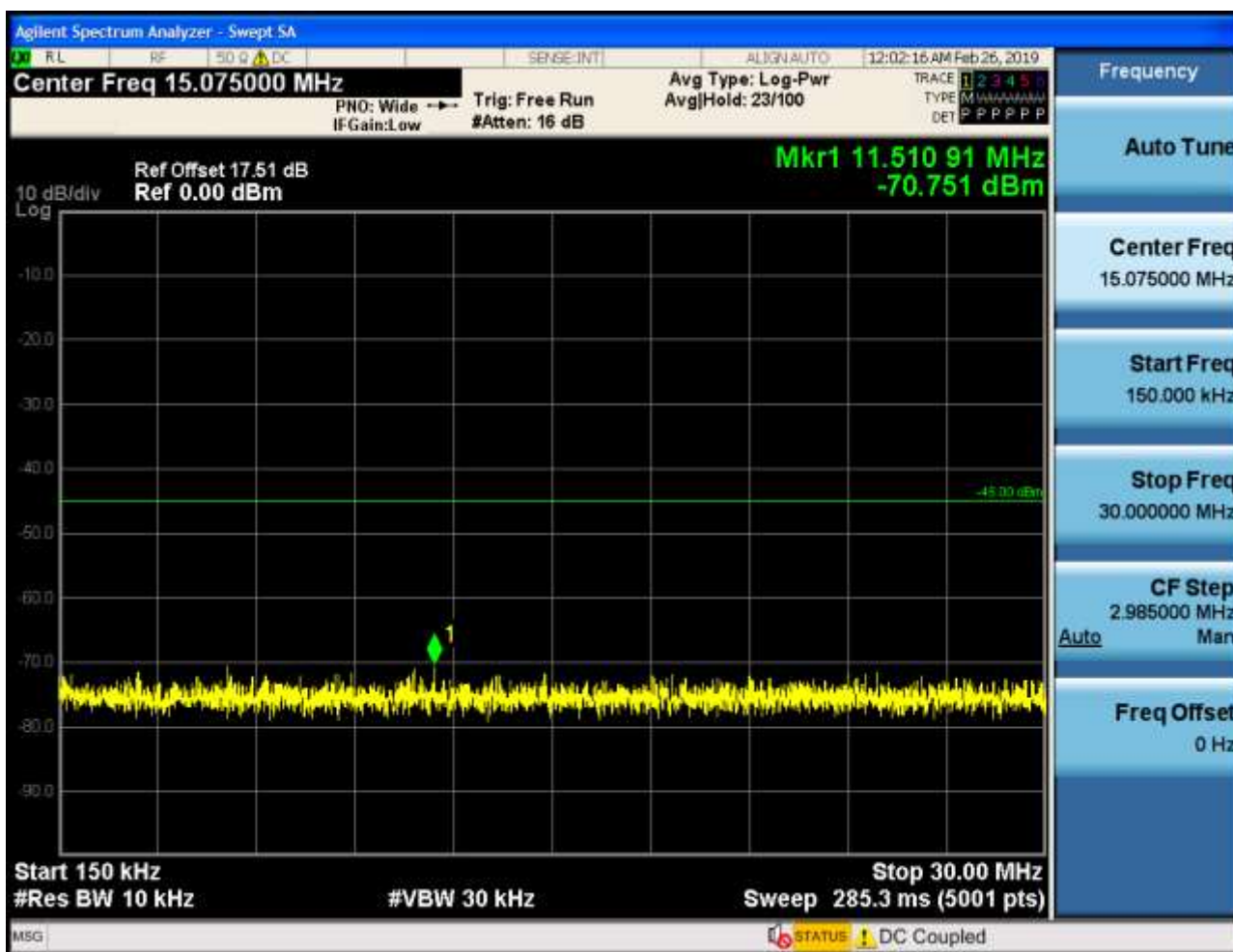




6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



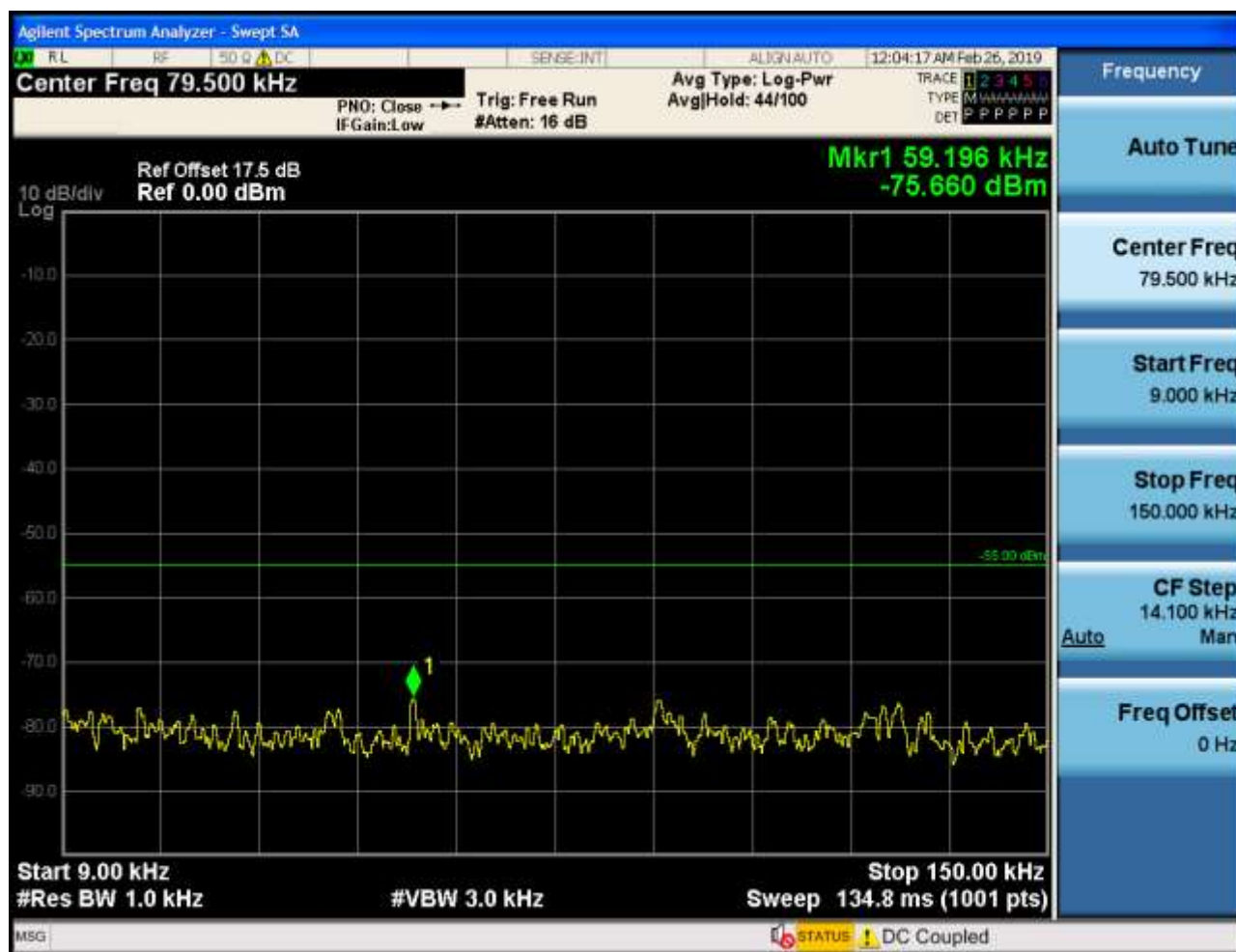




6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0

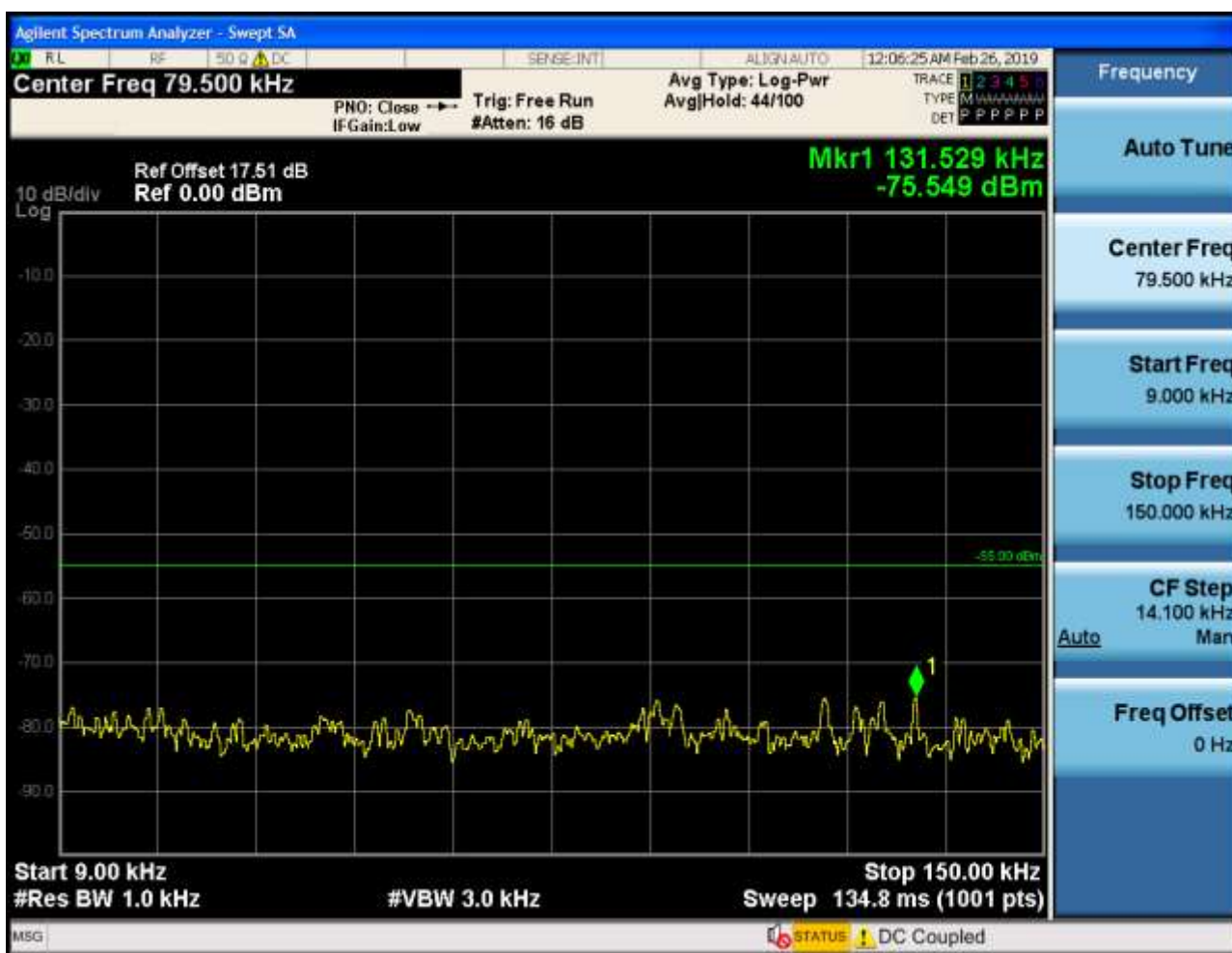


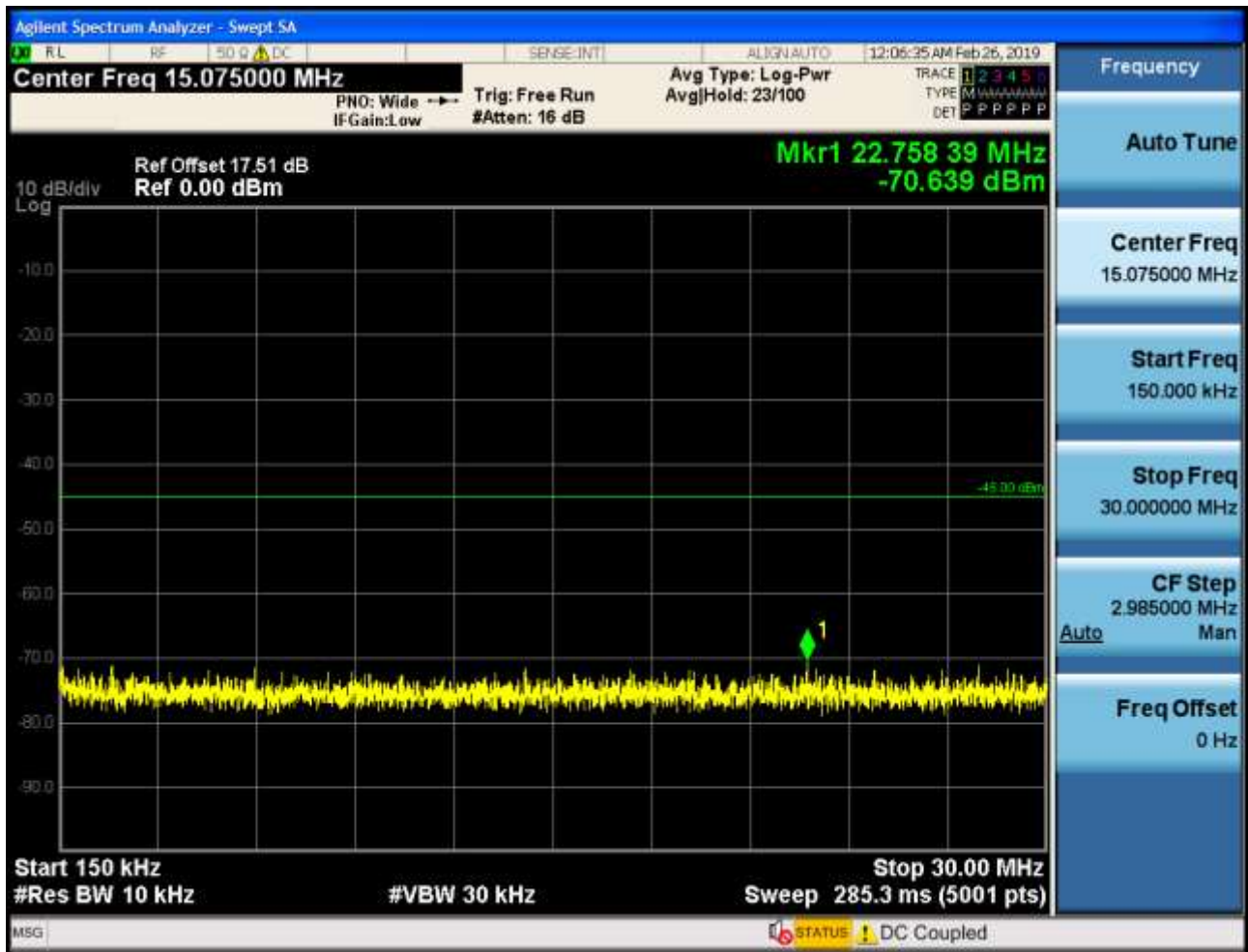




6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

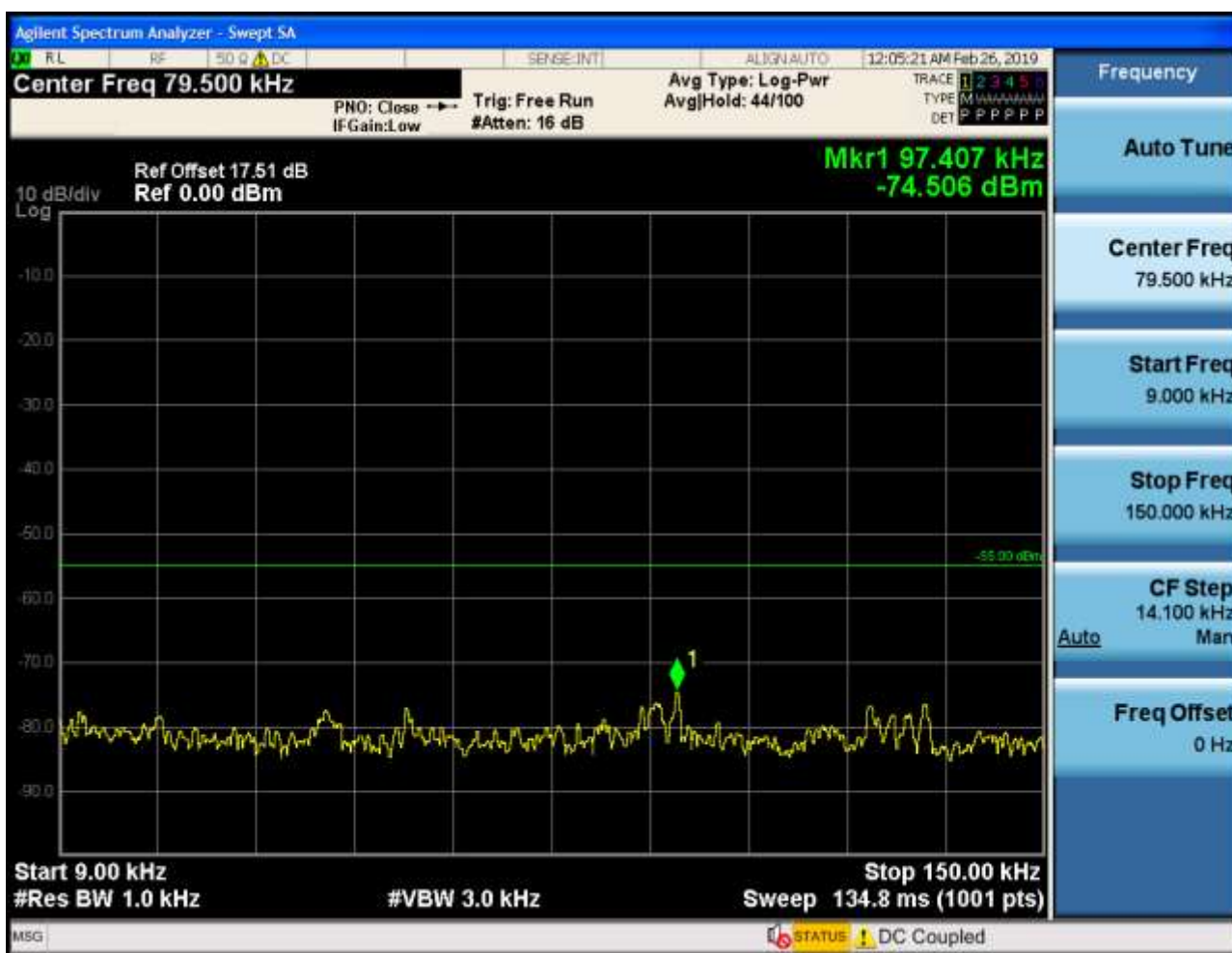


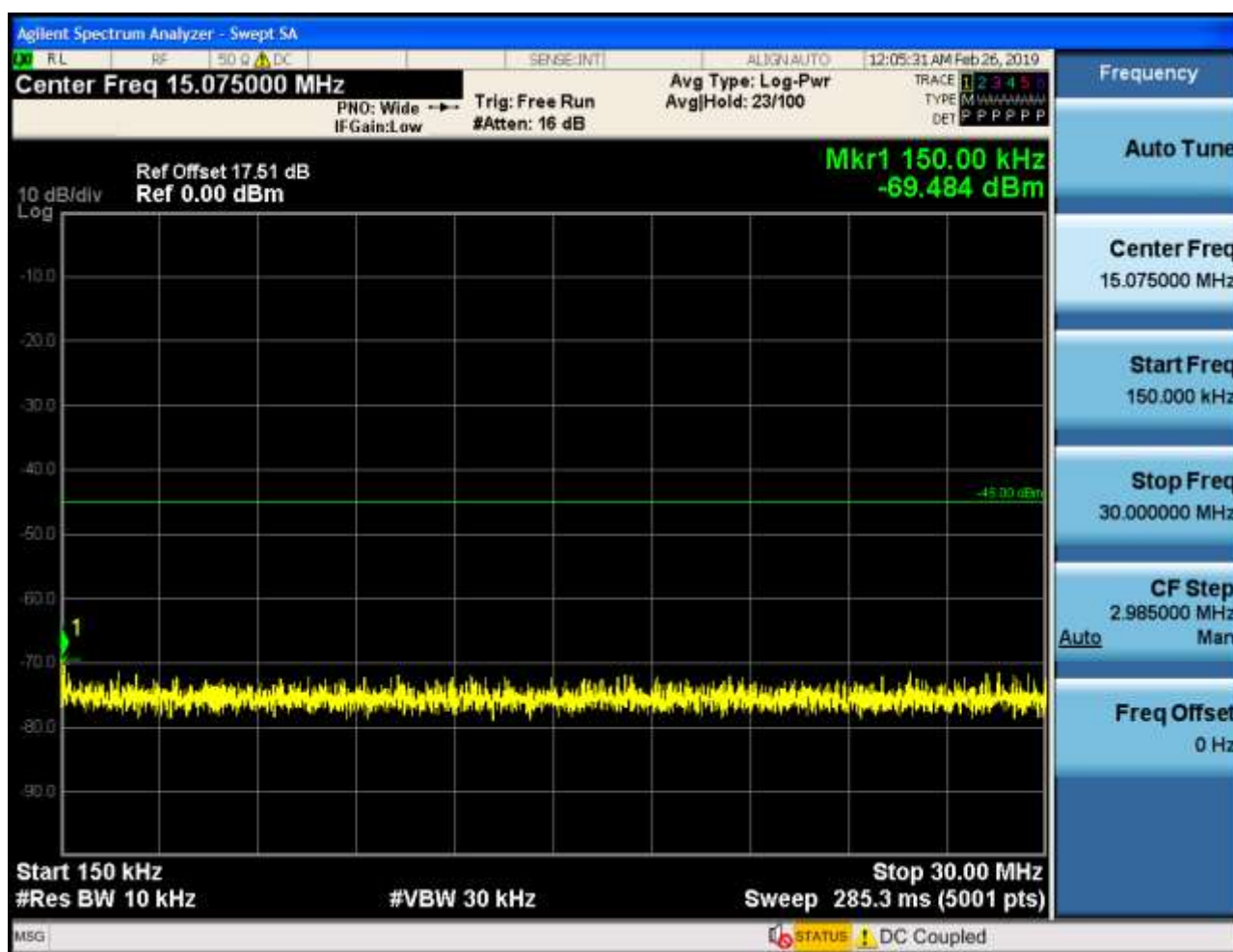




6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





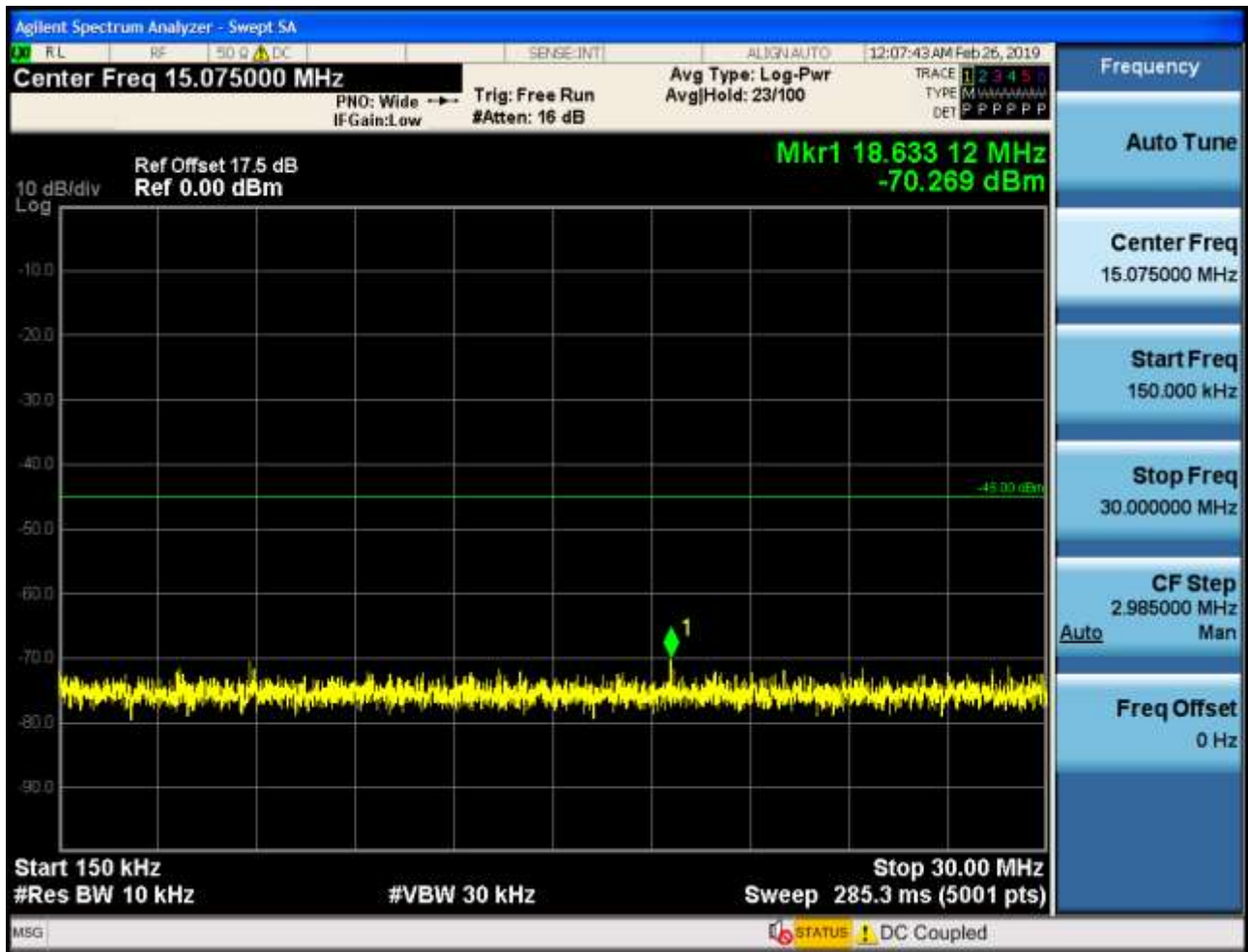


6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0

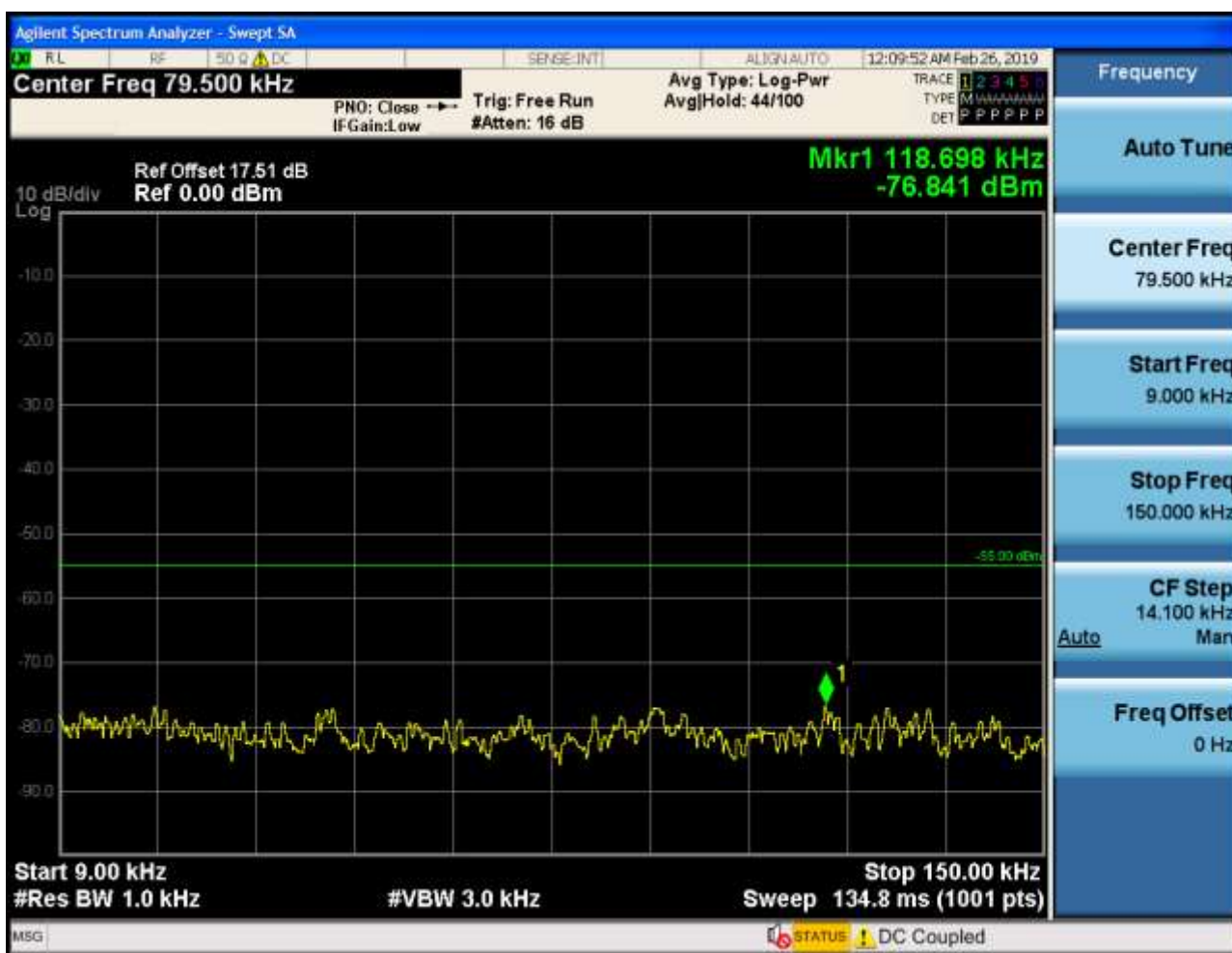


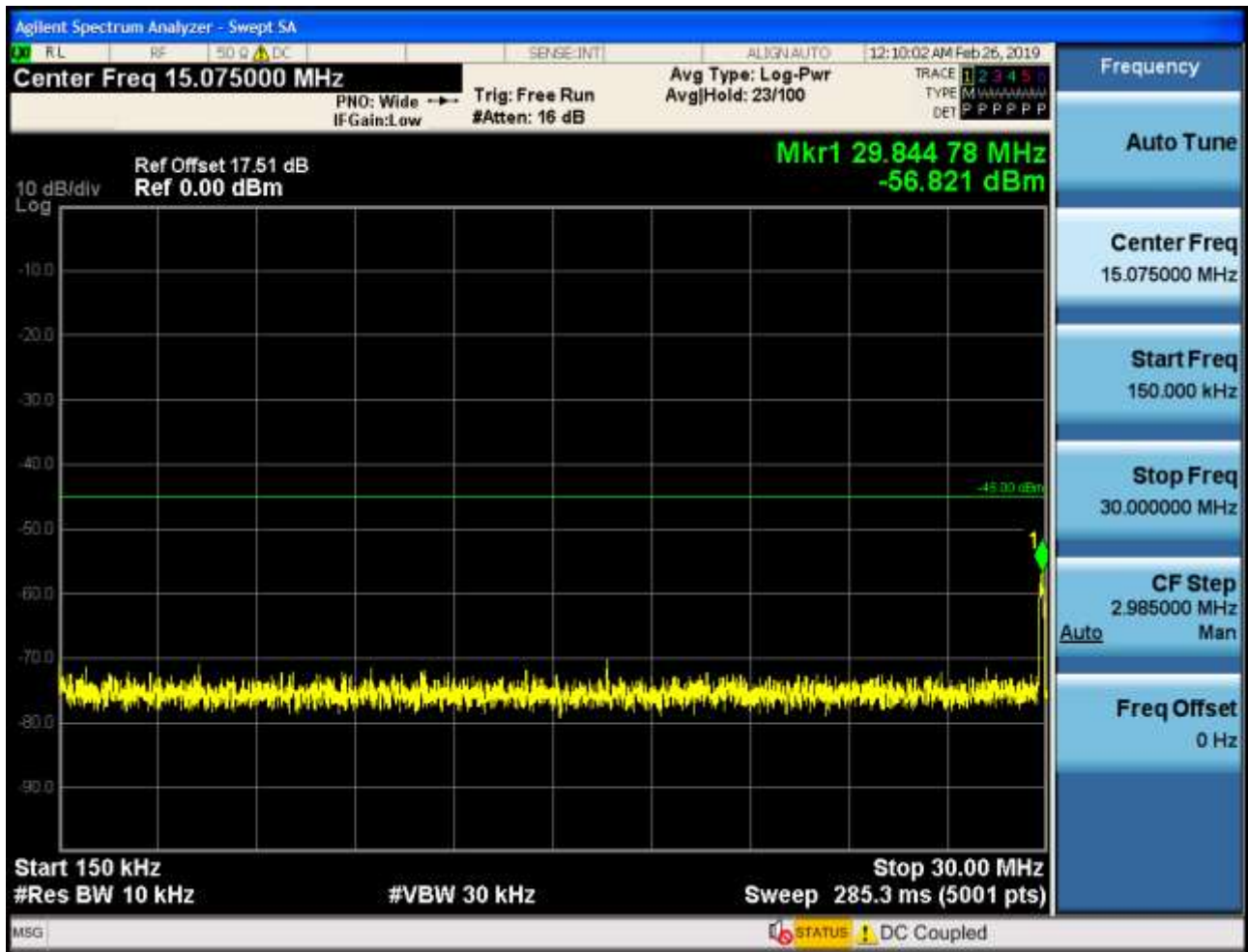




6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

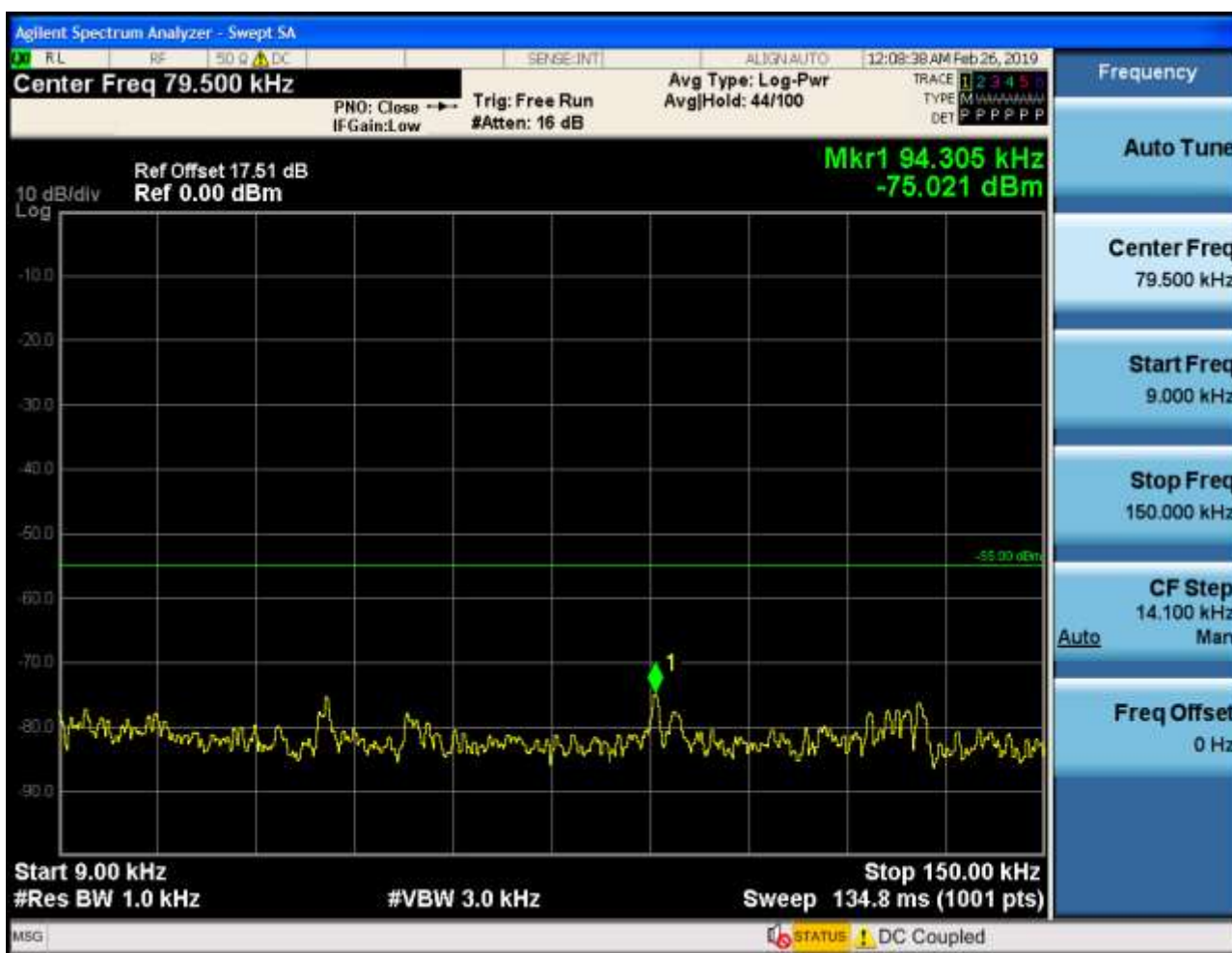


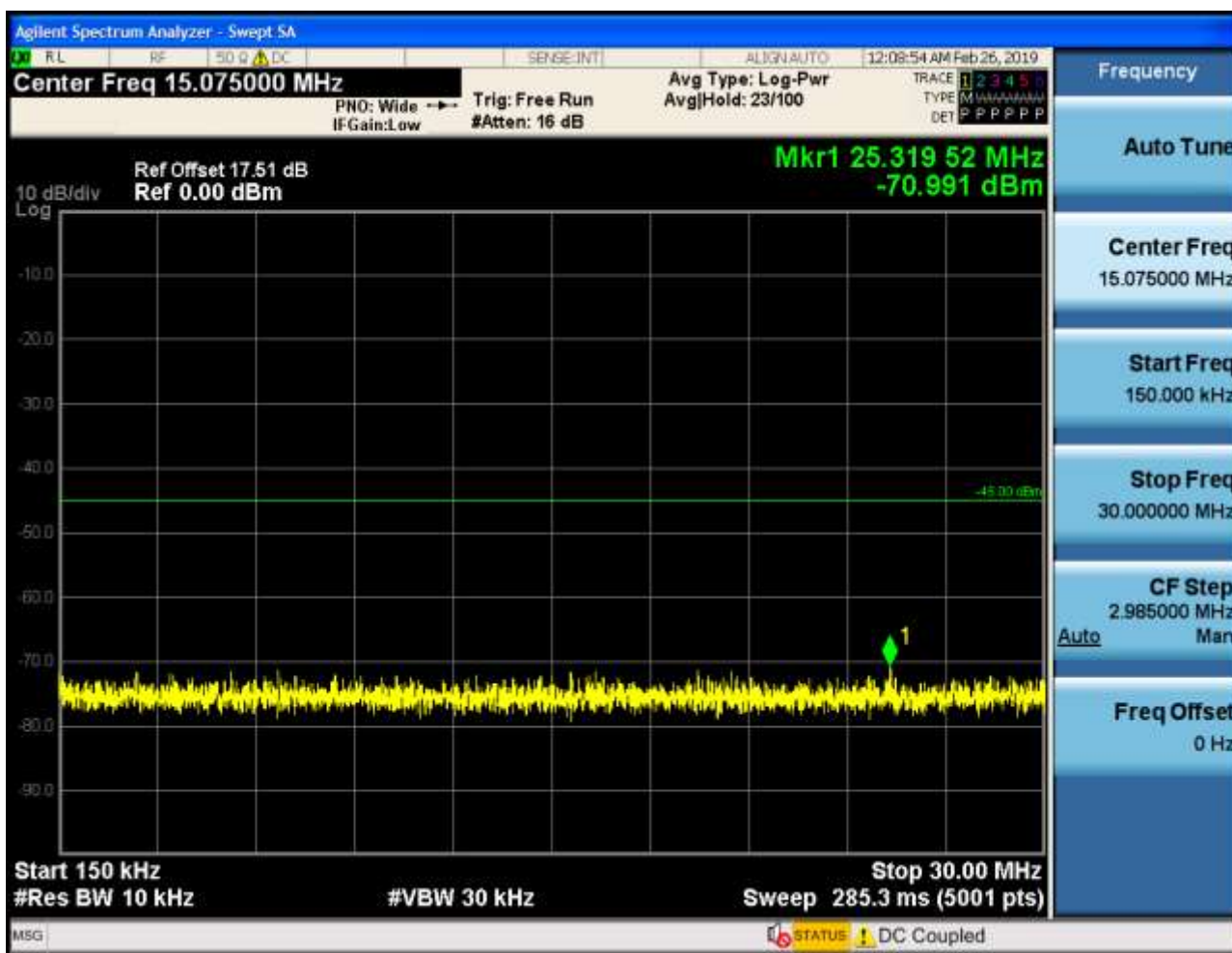




6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

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

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

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

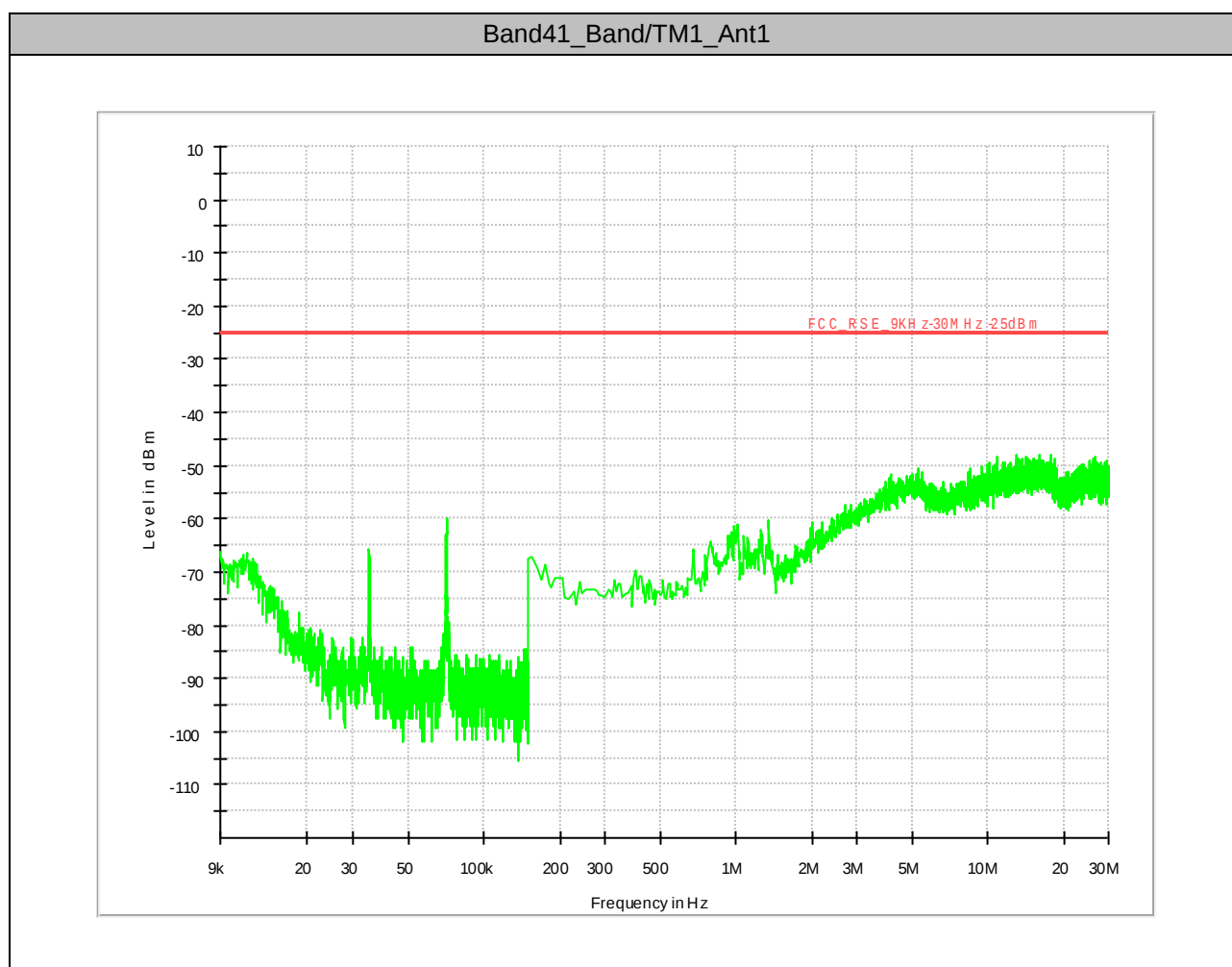
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

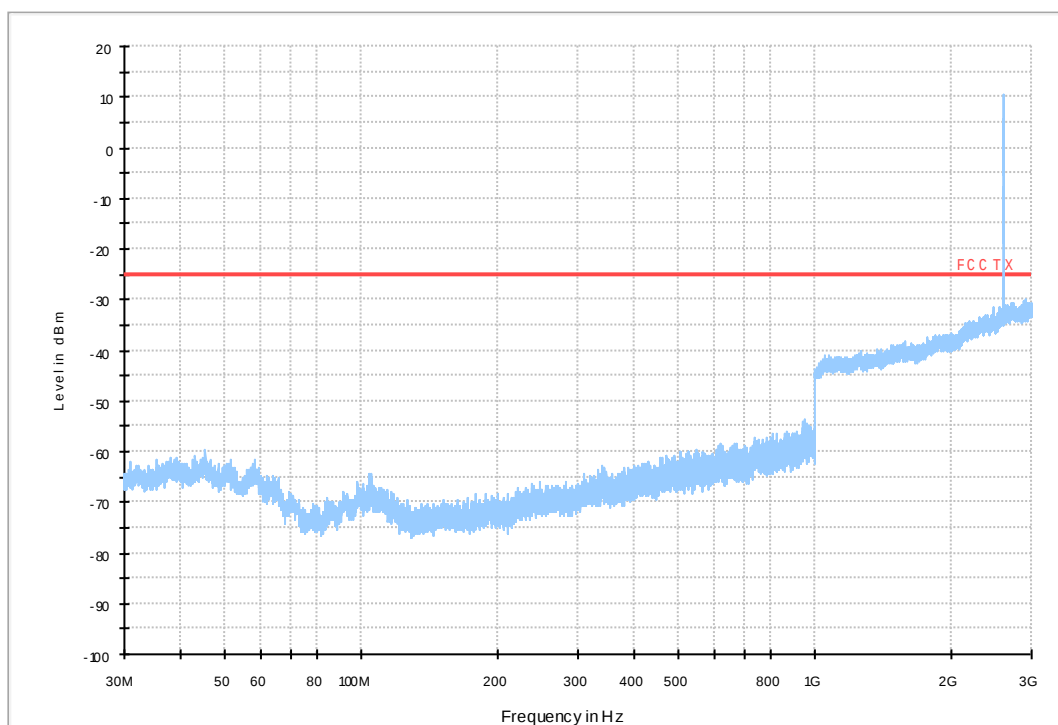
7.1 For LTE

7.1.1 Test Band = Band41_Band

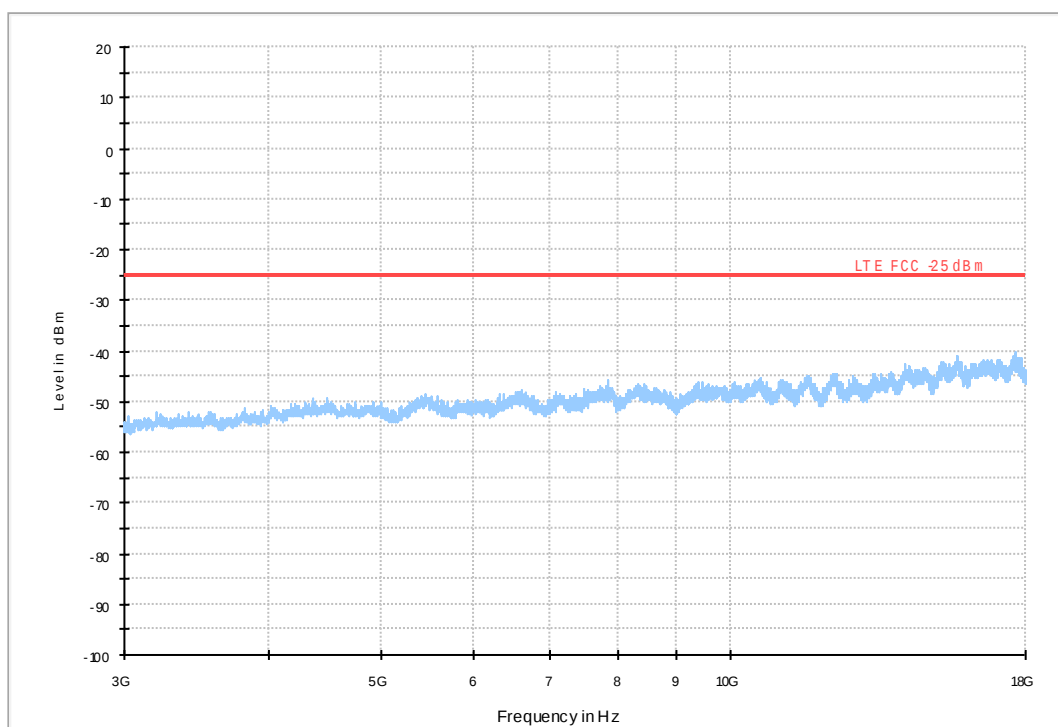
7.1.1.1 Test Bandwidth = 5



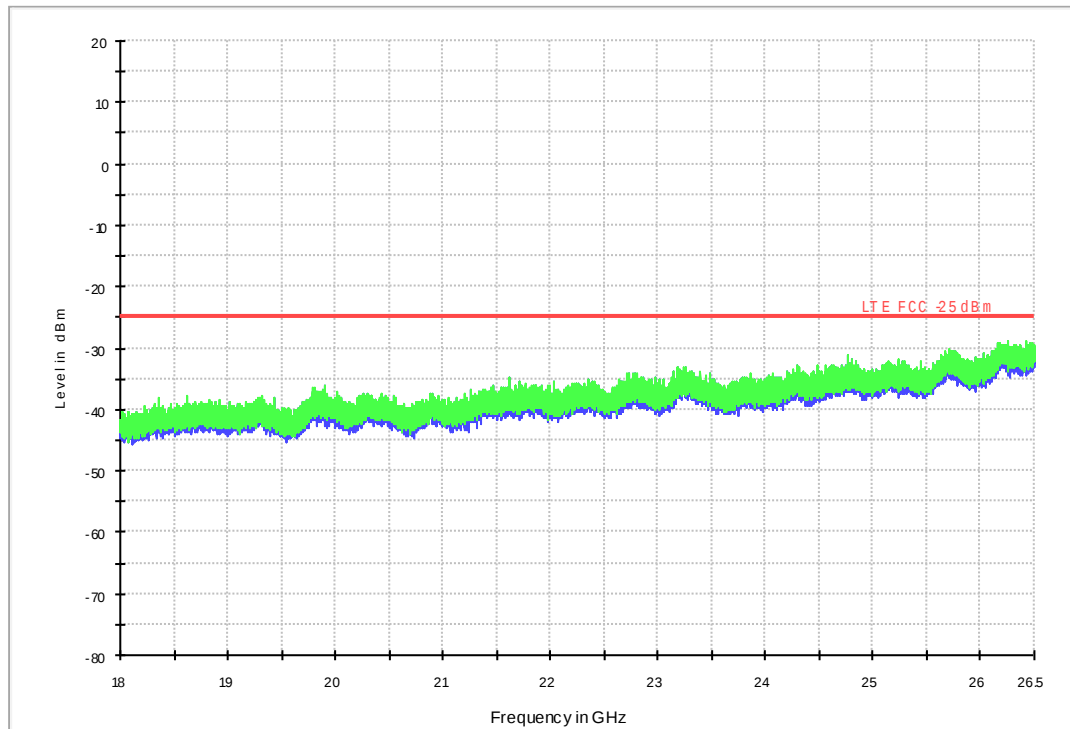
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_L -25dBm limit



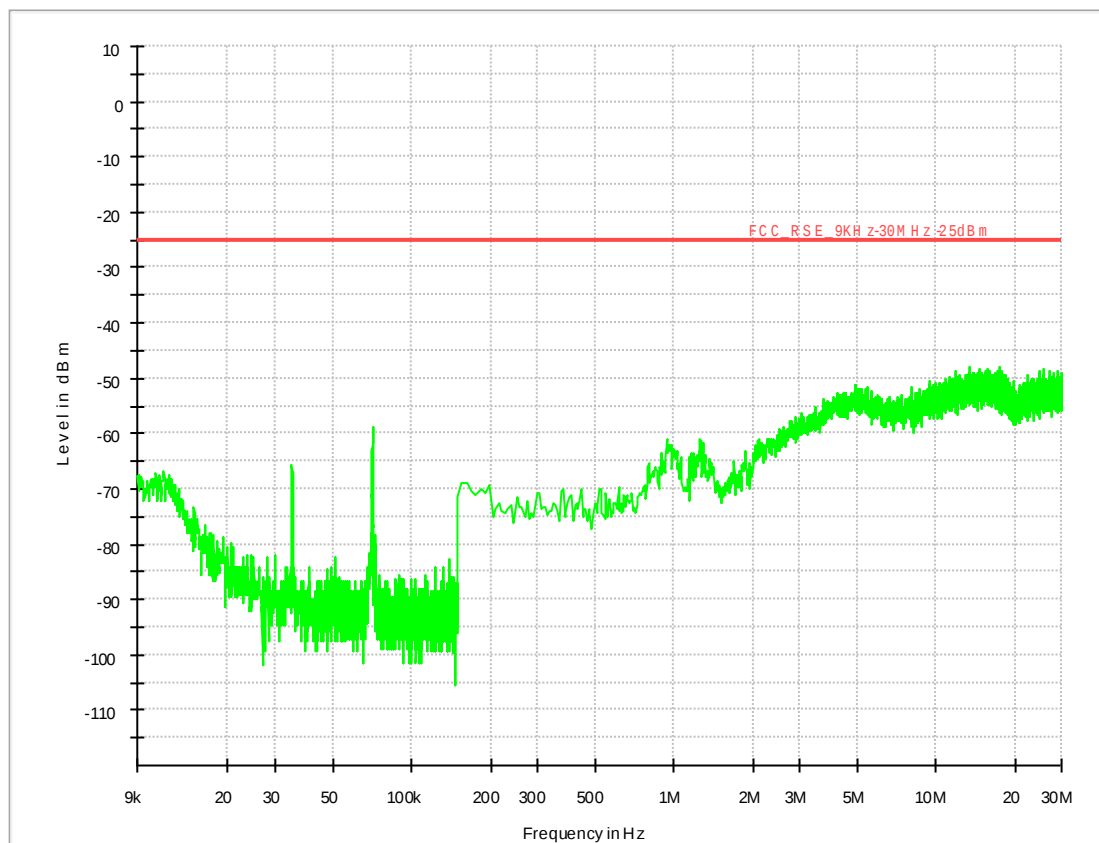
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_H -25dBm limit



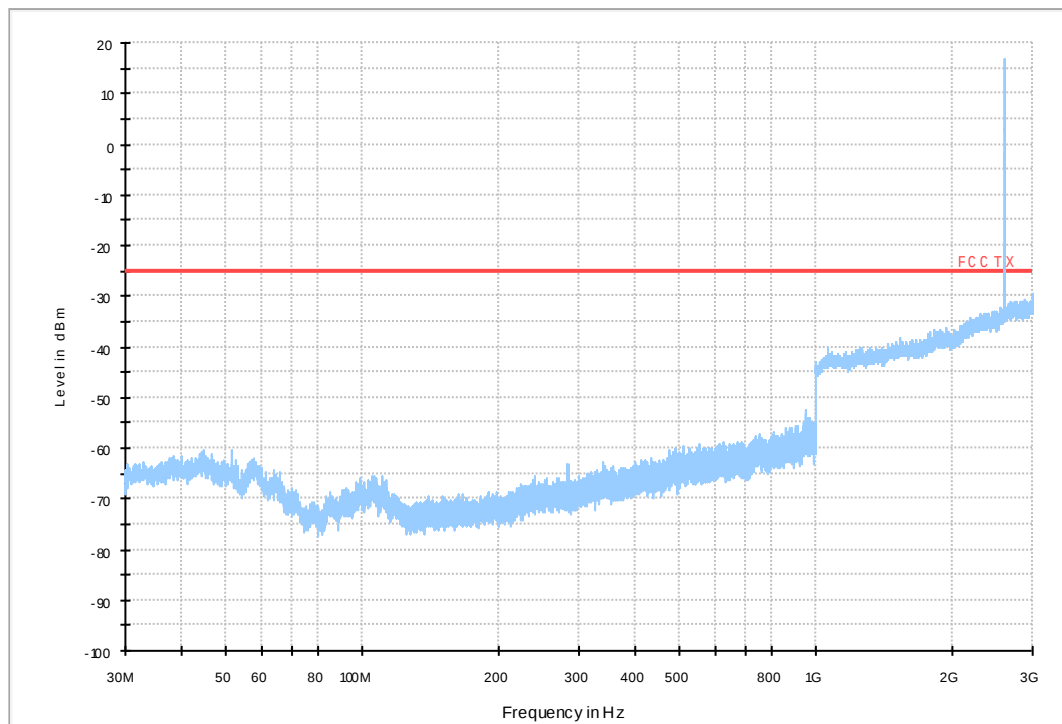
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



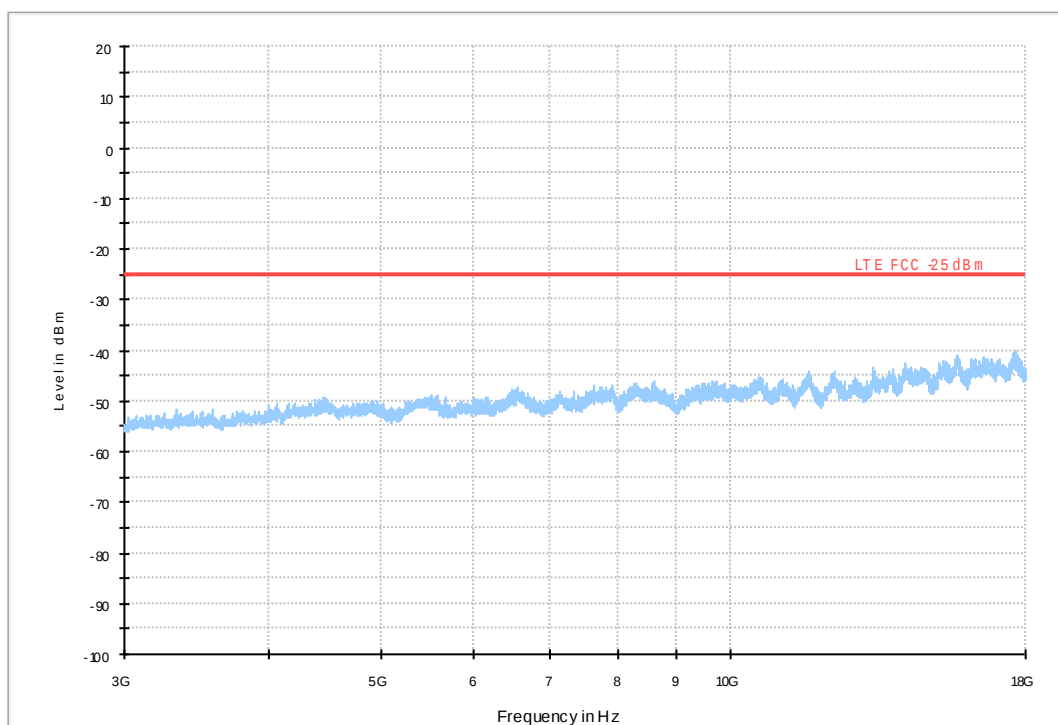
Band41_Band/TM1_Ant2



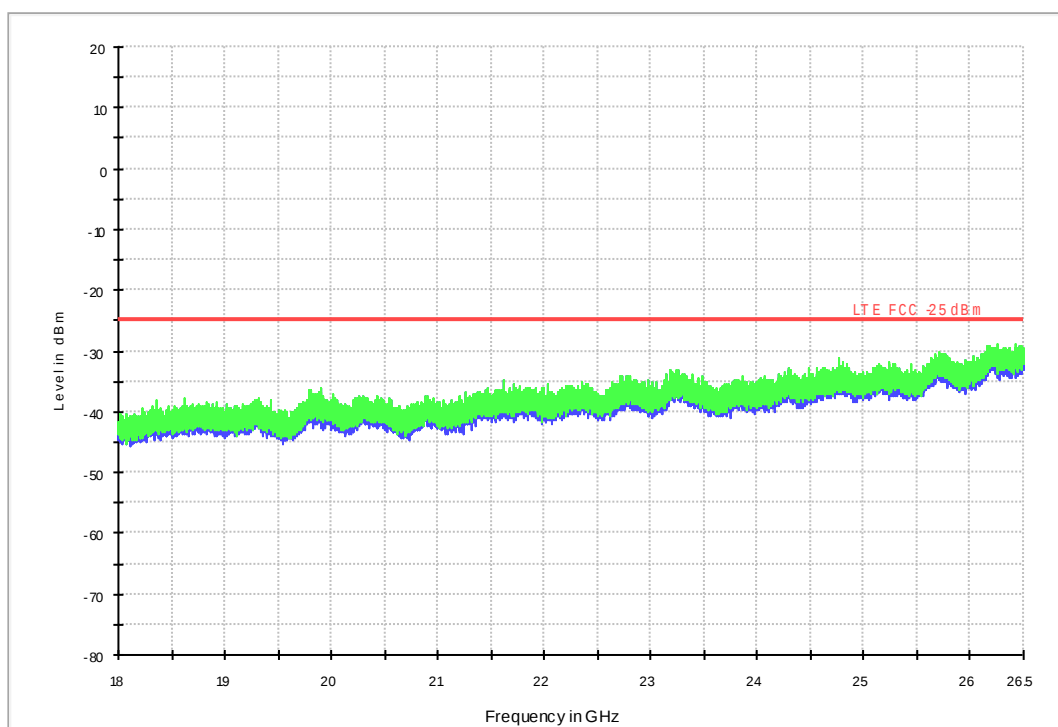
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



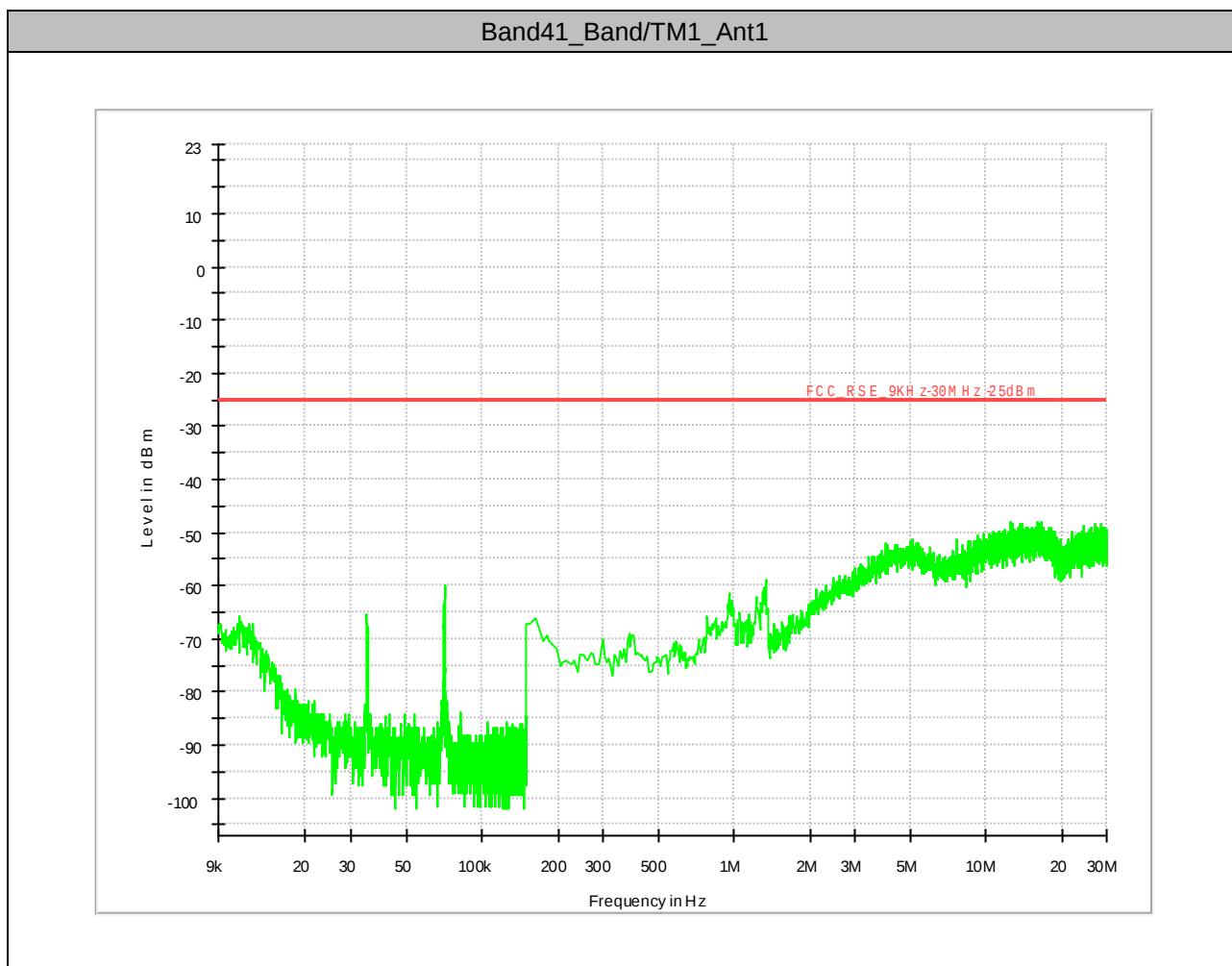
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_H -25dBm limit



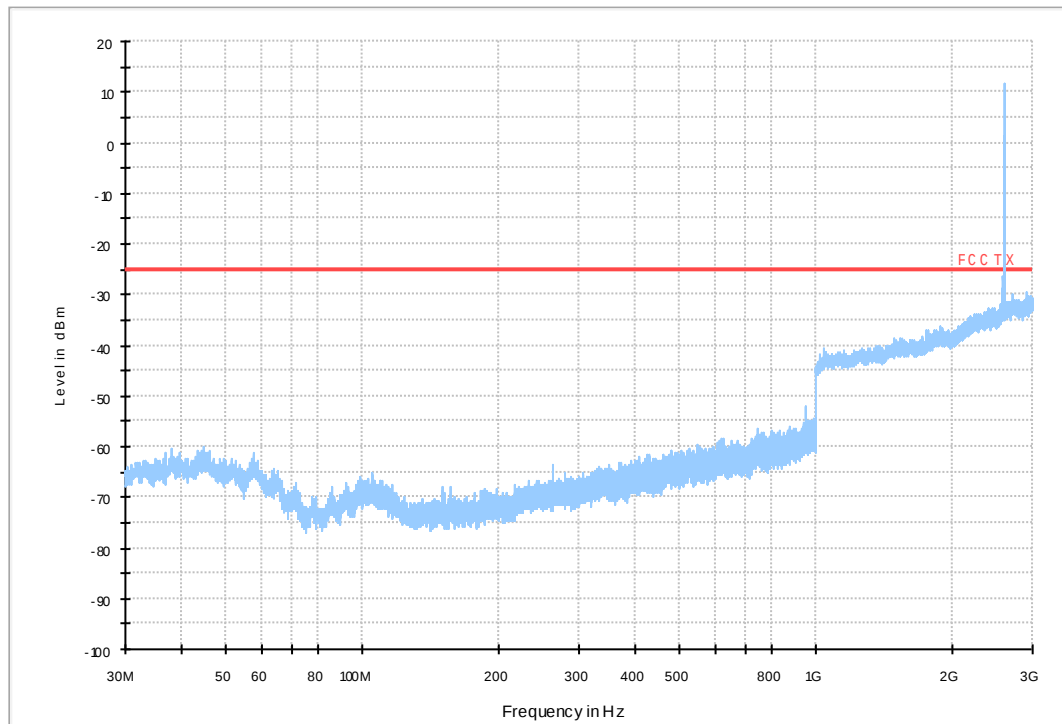
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



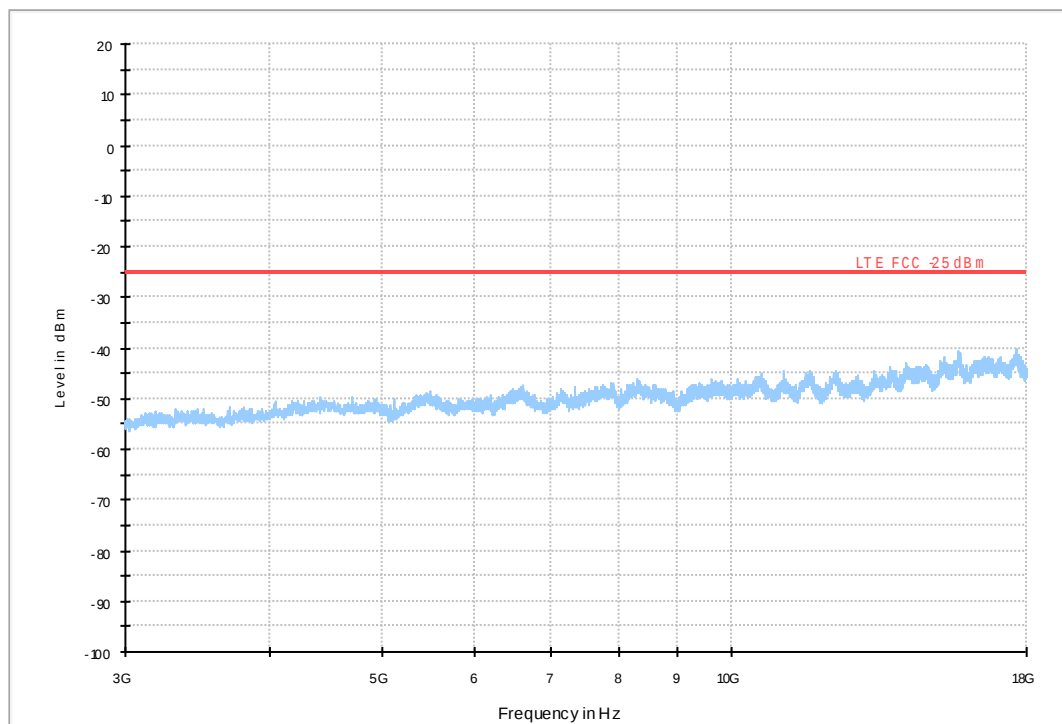
7.1.1.2 Test Bandwidth = 20



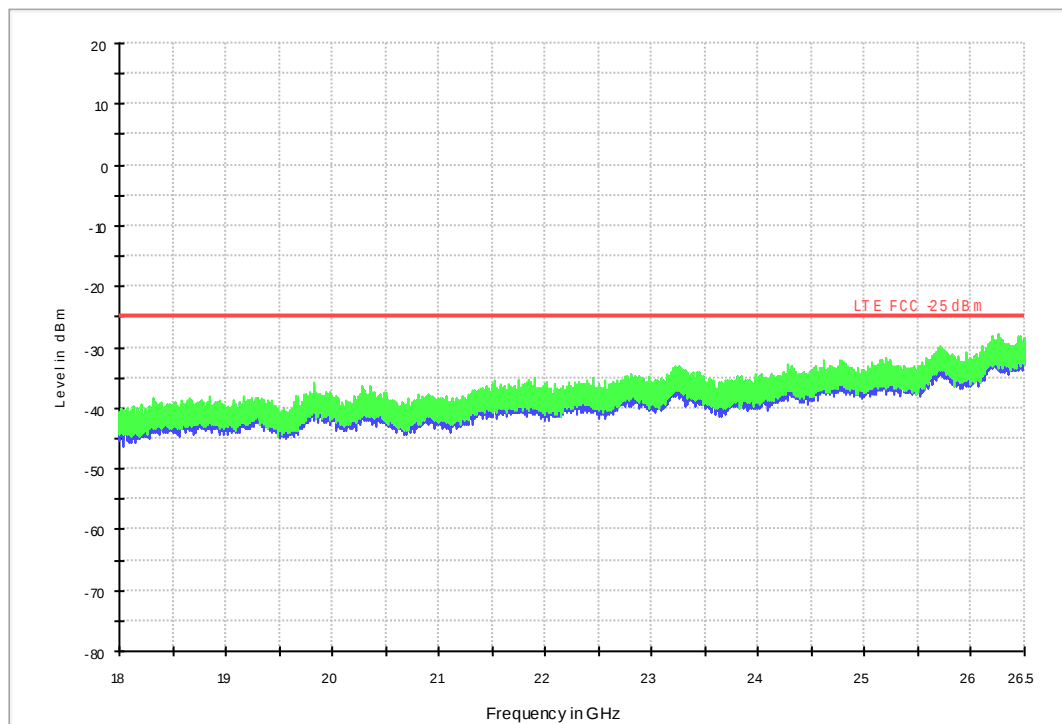
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_L -25dBm limit



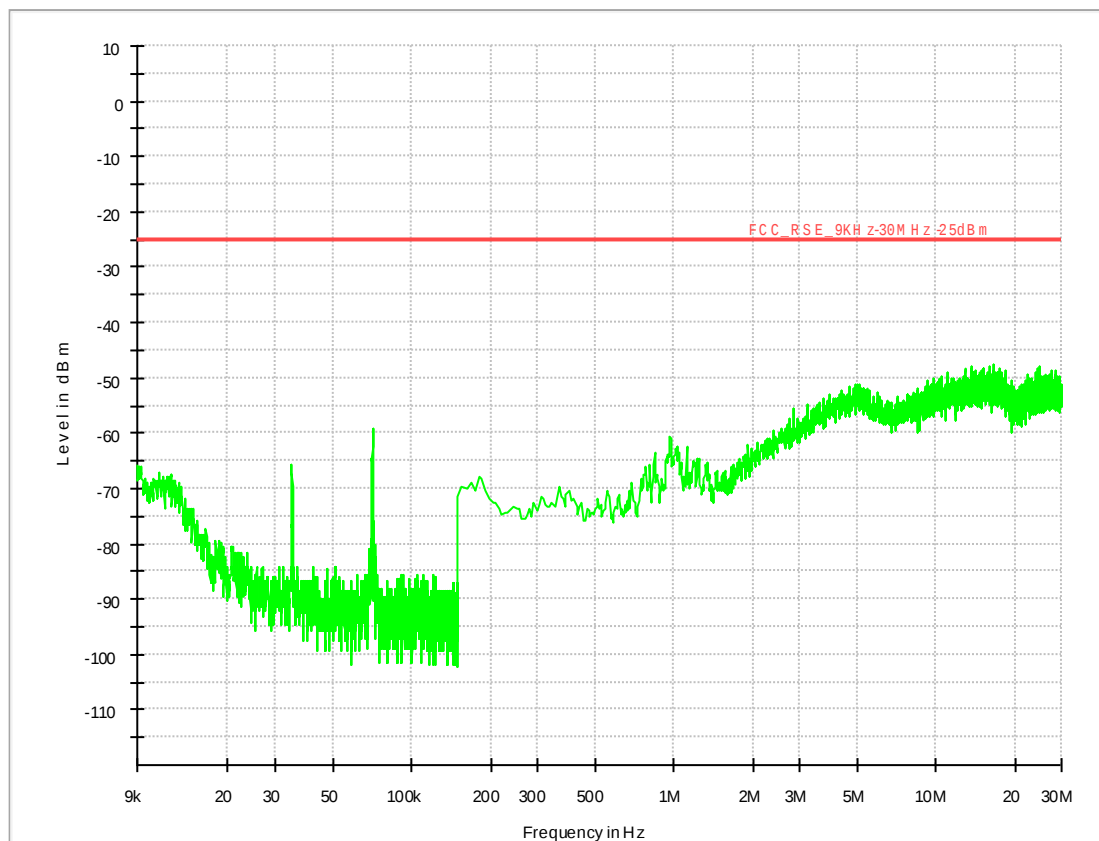
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_H -25dBm limit



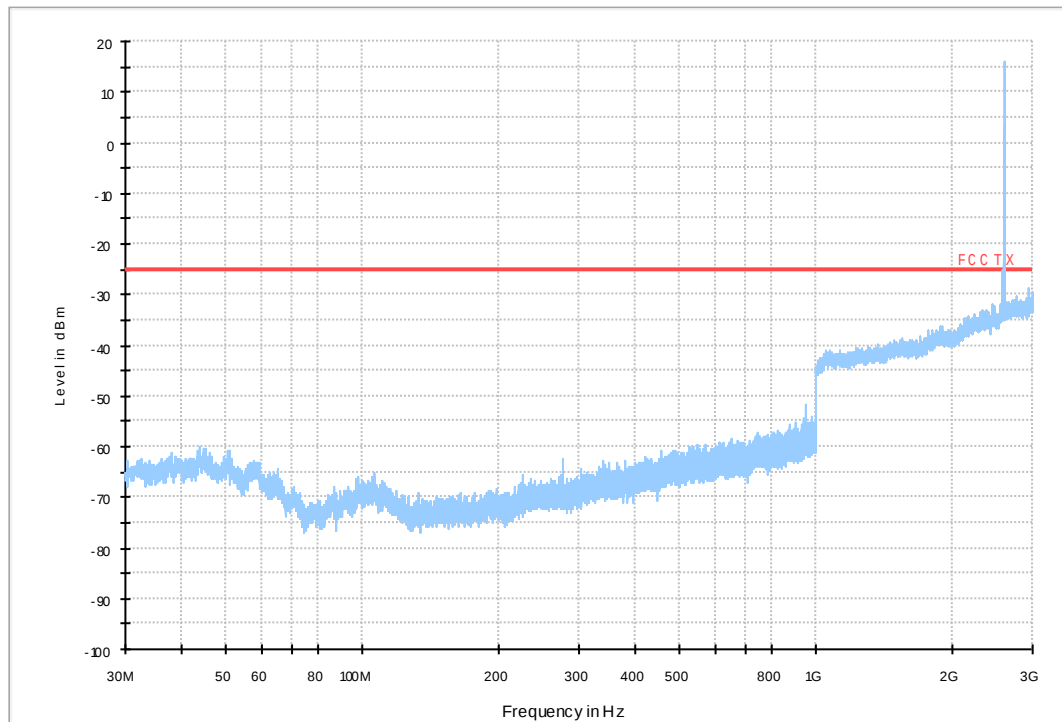
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



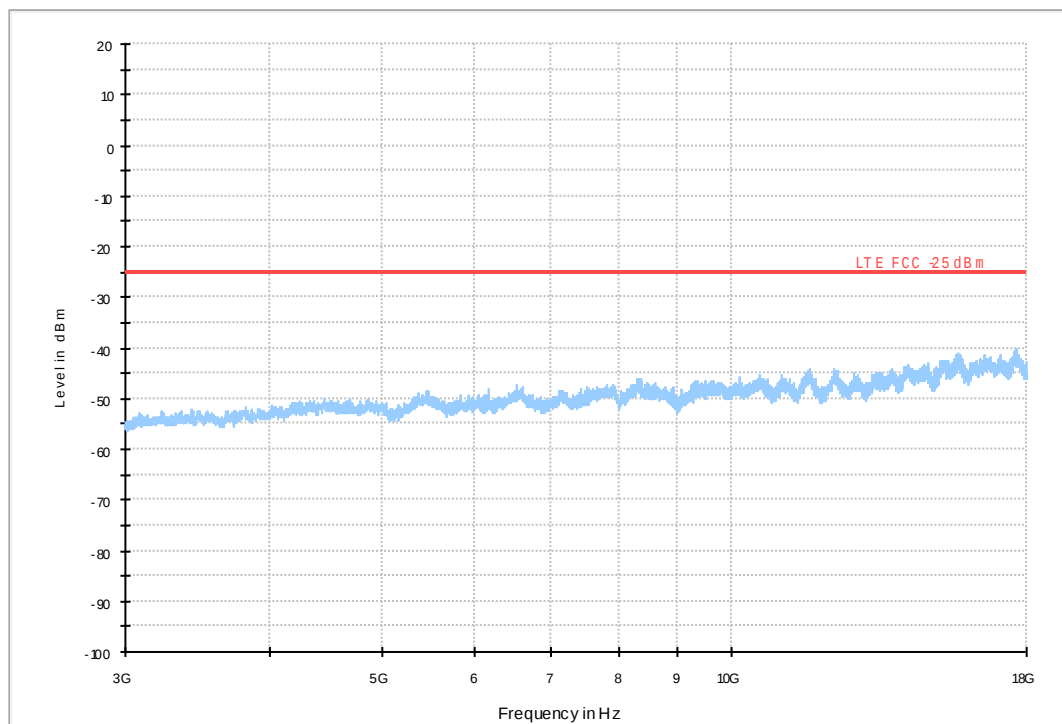
Band41_Band/TM1_Ant2



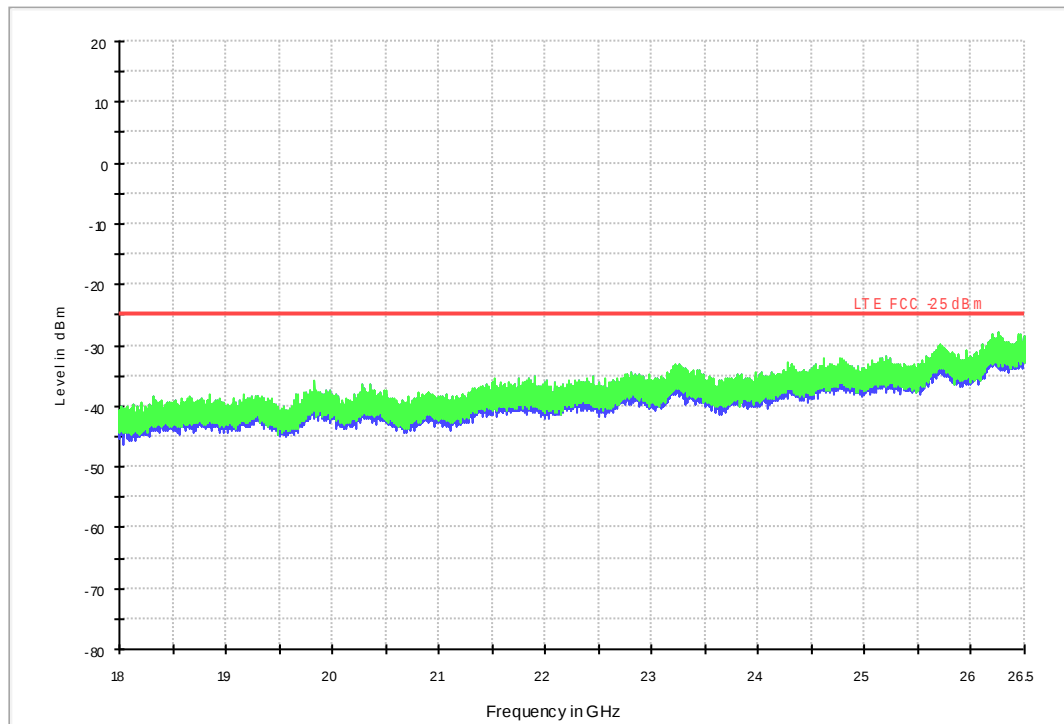
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_L -25dBm limit



LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_H -25dBm limit



18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



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
Band41_Band	LTE/TM1	5	LCH	TN	VL	-27.29416	-0.01071	PASS
					VN	1.47343	0.00058	PASS
					VH	-2.24590	-0.00088	PASS
			MCH	TN	VL	1.70231	0.00065	PASS
					VN	-25.39158	-0.00977	PASS
					VH	2.20299	0.00085	PASS
			HCH	TN	VL	-12.83169	-0.00484	PASS
					VN	-21.05713	-0.00794	PASS
					VH	-10.05650	-0.00379	PASS
		10	LCH	TN	VL	-13.71861	-0.00538	PASS
					VN	-20.37048	-0.00799	PASS
					VH	-18.05305	-0.00708	PASS
			MCH	TN	VL	1.04427	0.00040	PASS
					VN	1.41621	0.00054	PASS
					VH	2.38895	0.00092	PASS
			HCH	TN	VL	-6.68049	-0.00252	PASS
					VN	-14.59122	-0.00551	PASS
					VH	-10.80036	-0.00408	PASS
		15	LCH	TN	VL	-14.61983	-0.00573	PASS
					VN	-22.21584	-0.00870	PASS
					VH	-25.33436	-0.00993	PASS
			MCH	TN	VL	-2.37465	-0.00091	PASS
					VN	2.08855	0.00080	PASS
					VH	0.51498	0.00020	PASS
			HCH	TN	VL	-8.89778	-0.00336	PASS
					VN	-14.34803	-0.00542	PASS
					VH	-8.31127	-0.00314	PASS
		20	LCH	TN	VL	-10.71453	-0.00419	PASS
					VN	-24.80507	-0.00971	PASS
					VH	-24.39022	-0.00955	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VL	-1.48773	-0.00057	PASS
					VN	-0.90122	-0.00035	PASS
					VH	-0.24319	-0.00009	PASS
			HCH	TN	VL	-8.42571	-0.00319	PASS
					VN	-9.29833	-0.00352	PASS
					VH	-12.08782	-0.00457	PASS
	LTE/TM2	5	LCH	TN	VL	-5.20706	-0.00204	PASS
					VN	-27.75192	-0.01089	PASS
					VH	-17.16614	-0.00674	PASS
			MCH	TN	VL	-2.58923	-0.00100	PASS
					VN	-31.98624	-0.01230	PASS
					VH	1.05858	0.00041	PASS
			HCH	TN	VL	-8.23975	-0.00311	PASS
					VN	-11.40118	-0.00430	PASS
					VH	-7.43866	-0.00280	PASS
		10	LCH	TN	VL	-7.65324	-0.00300	PASS
					VN	-12.74586	-0.00500	PASS
					VH	-7.78198	-0.00305	PASS
			MCH	TN	VL	-0.52929	-0.00020	PASS
					VN	1.73092	0.00067	PASS
					VH	1.84536	0.00071	PASS
			HCH	TN	VL	-12.58850	-0.00475	PASS
					VN	-9.22680	-0.00348	PASS
					VH	-4.82082	-0.00182	PASS
		15	LCH	TN	VL	-4.33445	-0.00170	PASS
					VN	-11.85894	-0.00465	PASS
					VH	-19.15455	-0.00750	PASS
			MCH	TN	VL	-0.67234	-0.00026	PASS
					VN	1.70231	0.00065	PASS
					VH	1.40190	0.00054	PASS
			HCH	TN	VL	-10.81467	-0.00408	PASS
					VN	-2.64645	-0.00100	PASS
					VH	-1.37329	-0.00052	PASS
		20	LCH	TN	VL	-1.10149	-0.00043	PASS
					VN	-8.88348	-0.00348	PASS
					VH	-3.63350	-0.00142	PASS
			MCH	TN	VL	0.37193	0.00014	PASS
					VN	4.06265	0.00156	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VH	1.81675	0.00070	PASS
					VL	-5.09262	-0.00193	PASS
					VN	-5.29289	-0.00200	PASS
					VH	-1.11580	-0.00042	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band41_Band	LTE/TM1	5	LCH	VN	-30	-27.78053	-0.01091	PASS
					-20	-1.01566	-0.00040	PASS
					-10	1.60217	0.00063	PASS
					0	0.71526	0.00028	PASS
					10	2.07424	0.00081	PASS
					20	1.47343	0.00058	PASS
					30	-0.11444	-0.00004	PASS
					40	-1.17302	-0.00046	PASS
					50	0.11444	0.00004	PASS
			MCH	VN	-30	2.74658	0.00106	PASS
					-20	-1.83106	-0.00070	PASS
					-10	3.30448	0.00127	PASS
					0	1.21593	0.00047	PASS
					10	0.65804	0.00025	PASS
					20	-25.39158	-0.00977	PASS
					30	0.70095	0.00027	PASS
					40	3.89099	0.00150	PASS
					50	2.36034	0.00091	PASS
			HCH	VN	-30	-18.81123	-0.00709	PASS
					-20	-20.17021	-0.00760	PASS
					-10	-18.42499	-0.00695	PASS
					0	-19.15455	-0.00722	PASS
					10	-21.18587	-0.00799	PASS
					20	-21.05713	-0.00794	PASS
					30	-18.03875	-0.00680	PASS
					40	-23.23151	-0.00876	PASS
					50	-19.84119	-0.00748	PASS
		10	LCH	VN	-30	-21.57211	-0.00846	PASS
					-20	-22.18723	-0.00870	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-21.25740	-0.00834	PASS
					0	-23.61774	-0.00926	PASS
					10	-20.27035	-0.00795	PASS
					20	-20.37048	-0.00799	PASS
					30	-22.15862	-0.00869	PASS
					40	-21.78669	-0.00854	PASS
					50	-21.82961	-0.00856	PASS
			MCH	VN	-30	0.15736	0.00006	PASS
					-20	0.84400	0.00032	PASS
					-10	-1.04427	-0.00040	PASS
					0	3.50475	0.00135	PASS
					10	2.64645	0.00102	PASS
					20	1.41621	0.00054	PASS
					30	-1.23024	-0.00047	PASS
					40	1.47343	0.00057	PASS
					50	2.37465	0.00091	PASS
			HCH	VN	-30	-10.90050	-0.00411	PASS
					-20	-10.44273	-0.00394	PASS
					-10	-14.16206	-0.00534	PASS
					0	-8.18253	-0.00309	PASS
					10	-10.91480	-0.00412	PASS
					20	-14.59122	-0.00551	PASS
					30	-27.63748	-0.01043	PASS
					40	-13.89027	-0.00524	PASS
					50	-10.71453	-0.00404	PASS
		15	LCH	VN	-30	-25.00534	-0.00980	PASS
					-20	-25.13409	-0.00985	PASS
					-10	-25.73490	-0.01008	PASS
					0	-23.60344	-0.00925	PASS
					10	-23.46039	-0.00919	PASS
					20	-22.21584	-0.00870	PASS
					30	-30.45559	-0.01193	PASS
					40	-25.10548	-0.00984	PASS
					50	-23.40317	-0.00917	PASS
			MCH	VN	-30	3.37601	0.00130	PASS
					-20	1.04427	0.00040	PASS
					-10	2.10285	0.00081	PASS
					0	1.85966	0.00072	PASS
					10	3.79086	0.00146	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	2.08855	0.00080	PASS
					30	-29.95491	-0.01152	PASS
					40	2.43187	0.00094	PASS
					50	1.75953	0.00068	PASS
			HCH	VN	-30	-11.67297	-0.00441	PASS
					-20	-12.77447	-0.00483	PASS
					-10	-14.51969	-0.00548	PASS
					0	-11.70158	-0.00442	PASS
					10	-13.28945	-0.00502	PASS
					20	-14.34803	-0.00542	PASS
					30	-17.78126	-0.00672	PASS
					40	-11.45840	-0.00433	PASS
					50	-14.24789	-0.00538	PASS
		20	LCH	VN	-30	-23.21720	-0.00909	PASS
					-20	-23.44608	-0.00918	PASS
					-10	-26.23558	-0.01027	PASS
					0	-23.34595	-0.00914	PASS
					10	-24.61910	-0.00964	PASS
					20	-24.80507	-0.00971	PASS
					30	-29.65450	-0.01161	PASS
					40	-26.24989	-0.01027	PASS
					50	-24.00398	-0.00939	PASS
			MCH	VN	-30	2.44618	0.00094	PASS
					-20	0.04292	0.00002	PASS
					-10	1.77383	0.00068	PASS
					0	1.43051	0.00055	PASS
					10	0.52929	0.00020	PASS
					20	-0.90122	-0.00035	PASS
					30	-13.74722	-0.00549	PASS
					40	1.77383	0.00068	PASS
					50	-4.69208	-0.00180	PASS
			HCH	VN	-30	-11.41548	-0.00432	PASS
					-20	-11.64436	-0.00440	PASS
					-10	-11.07216	-0.00419	PASS
					0	-11.97338	-0.00453	PASS
					10	-9.25541	-0.00350	PASS
					20	-9.29833	-0.00352	PASS
					30	-17.22336	-0.00664	PASS
					40	-12.63142	-0.00478	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	VN	50	-11.84464	-0.00448	PASS
					-30	-28.29552	-0.01111	PASS
					-20	-26.19267	-0.01028	PASS
					-10	-31.60000	-0.01240	PASS
					0	-25.84934	-0.01015	PASS
					10	-30.15518	-0.01184	PASS
					20	-27.75192	-0.01089	PASS
					30	-28.68176	-0.01126	PASS
					40	-36.02028	-0.01414	PASS
					50	-28.93925	-0.01136	PASS
			MCH	VN	-30	-1.02997	-0.00040	PASS
					-20	-1.01566	-0.00039	PASS
					-10	-2.14577	-0.00083	PASS
					0	-3.21865	-0.00124	PASS
					10	-4.59194	-0.00177	PASS
					20	-31.98624	-0.01230	PASS
					30	-3.33309	-0.00128	PASS
					40	-2.77519	-0.00107	PASS
					50	-6.15120	-0.00237	PASS
			HCH	VN	-30	-8.75473	-0.00330	PASS
					-20	-8.74043	-0.00330	PASS
					-10	-11.00063	-0.00415	PASS
					0	-11.98769	-0.00452	PASS
					10	-14.36234	-0.00541	PASS
					20	-11.40118	-0.00430	PASS
					30	-11.75880	-0.00443	PASS
					40	-17.05170	-0.00643	PASS
					50	-13.58986	-0.00512	PASS
		10	LCH	VN	-30	-16.55102	-0.00649	PASS
					-20	-11.14368	-0.00437	PASS
					-10	-14.76288	-0.00579	PASS
					0	-15.73563	-0.00617	PASS
					10	-15.80715	-0.00620	PASS
					20	-12.74586	-0.00500	PASS
					30	-11.60145	-0.00455	PASS
					40	-14.11915	-0.00554	PASS
					50	-13.44681	-0.00527	PASS
			MCH	VN	-30	-0.64373	-0.00025	PASS
					-20	3.96252	0.00152	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-0.65804	-0.00025	PASS
					0	-3.53336	-0.00136	PASS
					10	-3.67641	-0.00141	PASS
					20	1.73092	0.00067	PASS
					30	-4.13418	-0.00159	PASS
					40	1.28746	0.00050	PASS
					50	-2.70367	-0.00104	PASS
			HCH	VN	-30	-8.19683	-0.00309	PASS
					-20	-10.37121	-0.00391	PASS
					-10	-7.71046	-0.00291	PASS
					0	-6.35147	-0.00240	PASS
					10	-6.39439	-0.00241	PASS
					20	-9.22680	-0.00348	PASS
					30	-13.91888	-0.00525	PASS
					40	-9.08375	-0.00343	PASS
					50	-5.02109	-0.00189	PASS
		15	LCH	VN	-30	-11.07216	-0.00434	PASS
					-20	-8.59737	-0.00337	PASS
					-10	-6.38008	-0.00250	PASS
					0	-10.60009	-0.00415	PASS
					10	-10.71453	-0.00420	PASS
					20	-11.85894	-0.00465	PASS
					30	-10.91480	-0.00428	PASS
					40	-10.70023	-0.00419	PASS
					50	-10.87189	-0.00426	PASS
			MCH	VN	-30	0.48637	0.00019	PASS
					-20	2.48909	0.00096	PASS
					-10	2.28882	0.00088	PASS
					0	2.76089	0.00106	PASS
					10	2.76089	0.00106	PASS
					20	1.70231	0.00065	PASS
					30	-11.98769	-0.00461	PASS
					40	0.90122	0.00035	PASS
					50	2.03133	0.00078	PASS
			HCH	VN	-30	-2.23160	-0.00084	PASS
					-20	-4.23431	-0.00160	PASS
					-10	-2.60353	-0.00098	PASS
					0	-2.88963	-0.00109	PASS
					10	-4.77791	-0.00180	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-2.64645	-0.00100	PASS
					30	-9.32694	-0.00352	PASS
					40	-4.89235	-0.00185	PASS
					50	-3.51906	-0.00133	PASS
		20	LCH	VN	-30	-8.84056	-0.00346	PASS
					-20	-8.01086	-0.00314	PASS
					-10	-10.84328	-0.00424	PASS
					0	-9.16958	-0.00359	PASS
					10	-11.47270	-0.00449	PASS
					20	-8.88348	-0.00348	PASS
					30	-15.13481	-0.00592	PASS
					40	-11.58714	-0.00454	PASS
					50	-12.07352	-0.00473	PASS
			MCH	VN	-30	2.66075	0.00102	PASS
					-20	-1.50204	-0.00058	PASS
					-10	2.03133	0.00078	PASS
					0	1.10149	0.00042	PASS
					10	2.81811	0.00108	PASS
					20	4.06265	0.00156	PASS
					30	-17.83848	-0.00688	PASS
					40	4.03404	0.00155	PASS
					50	4.47750	0.00172	PASS
			HCH	VN	-30	-3.91960	-0.00148	PASS
					-20	-2.26021	-0.00085	PASS
					-10	-5.06401	-0.00191	PASS
					0	-6.55174	-0.00248	PASS
					10	-2.18868	-0.00083	PASS
					20	-5.29289	-0.00200	PASS
					30	-19.99855	-0.00746	PASS
					40	-4.73499	-0.00179	PASS
					50	-1.94550	-0.00074	PASS

END