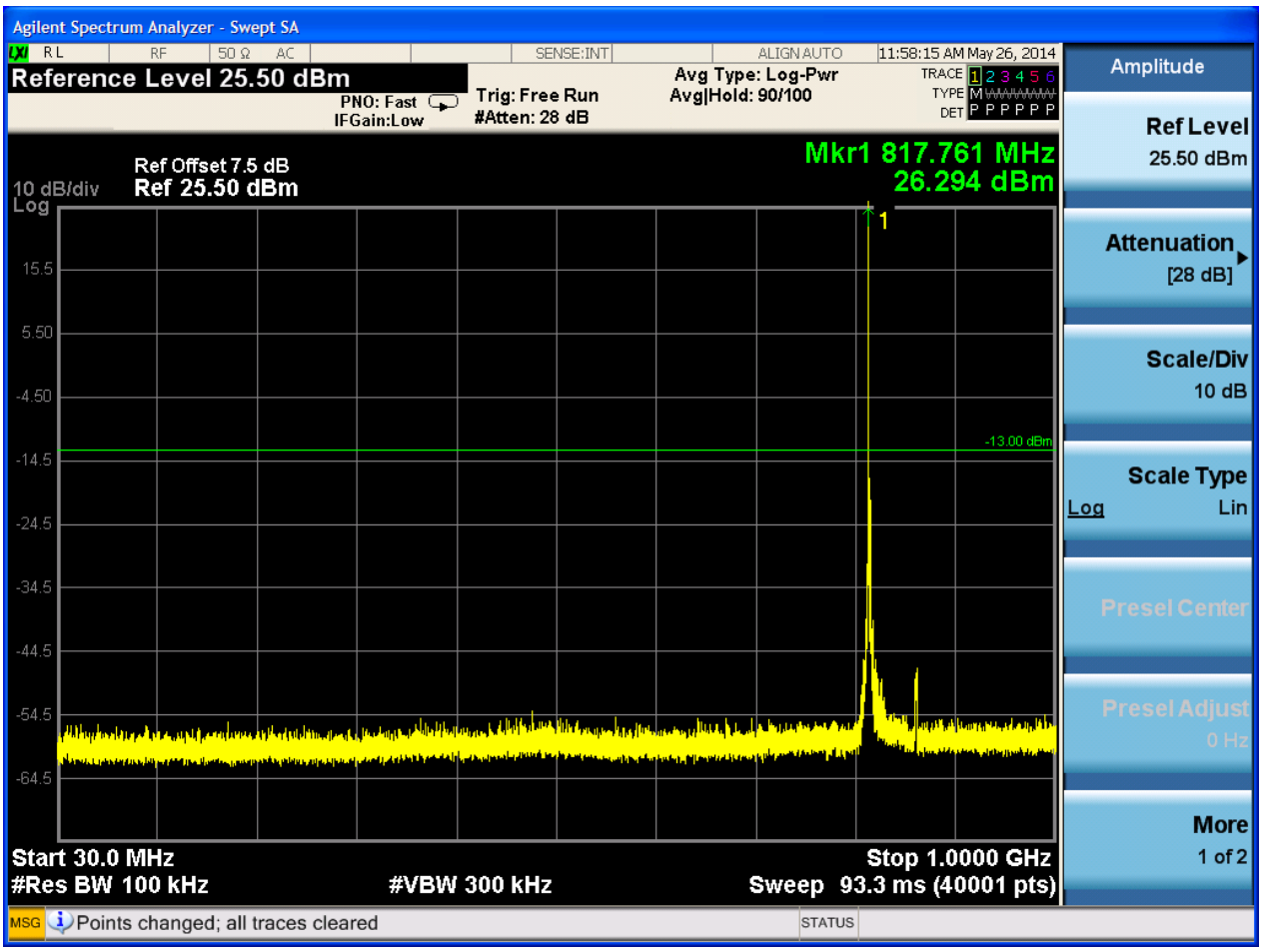
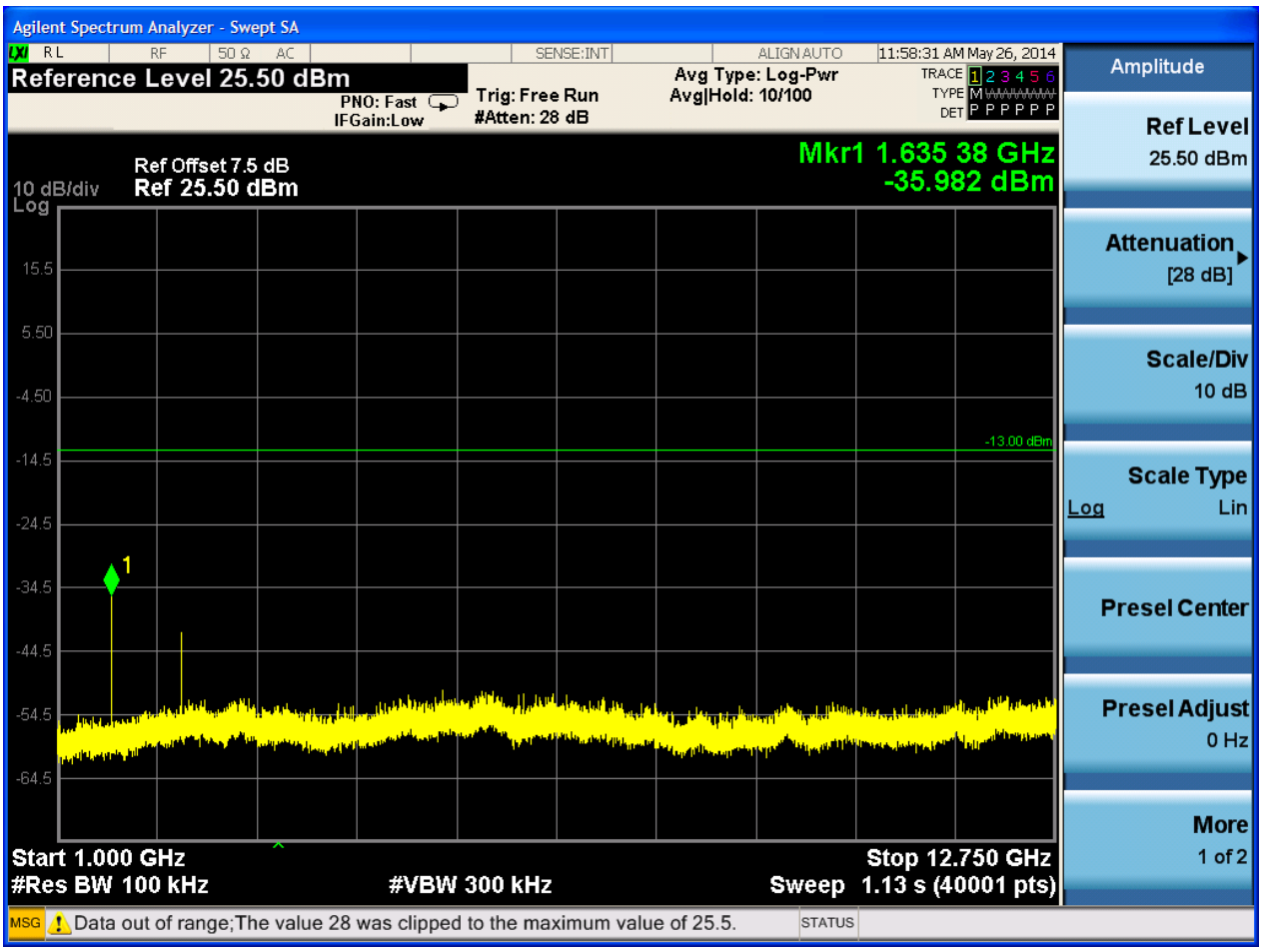
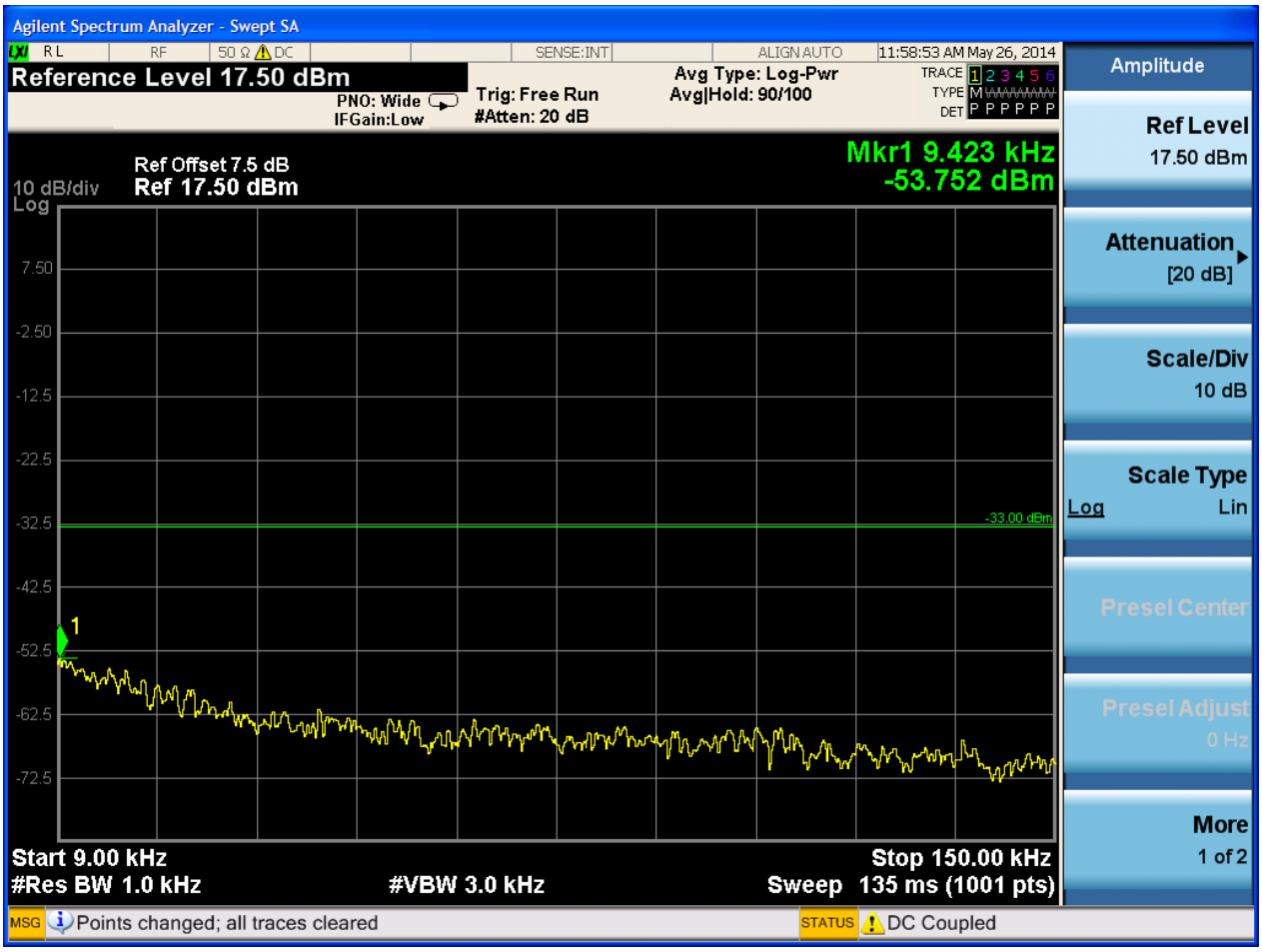
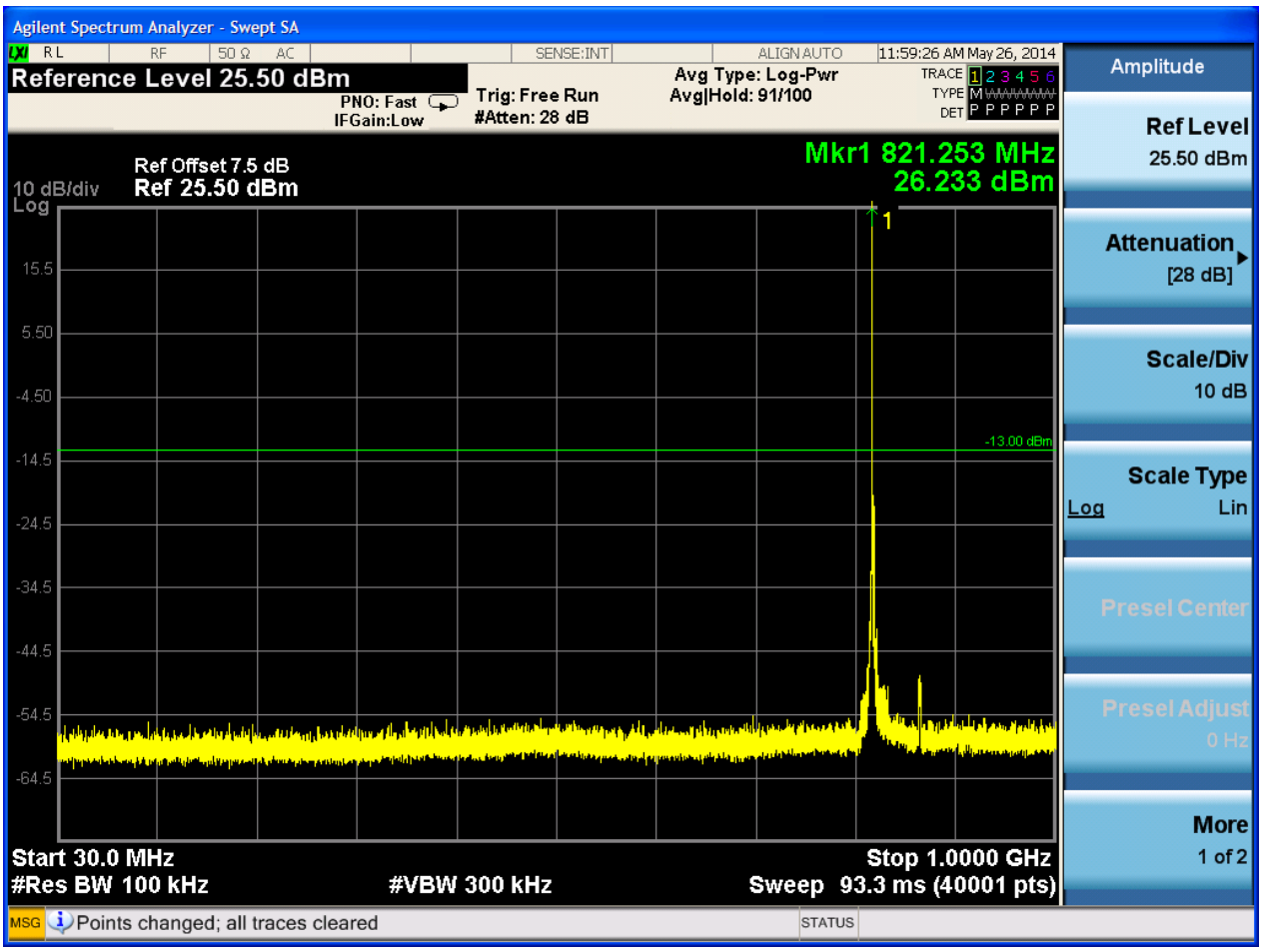


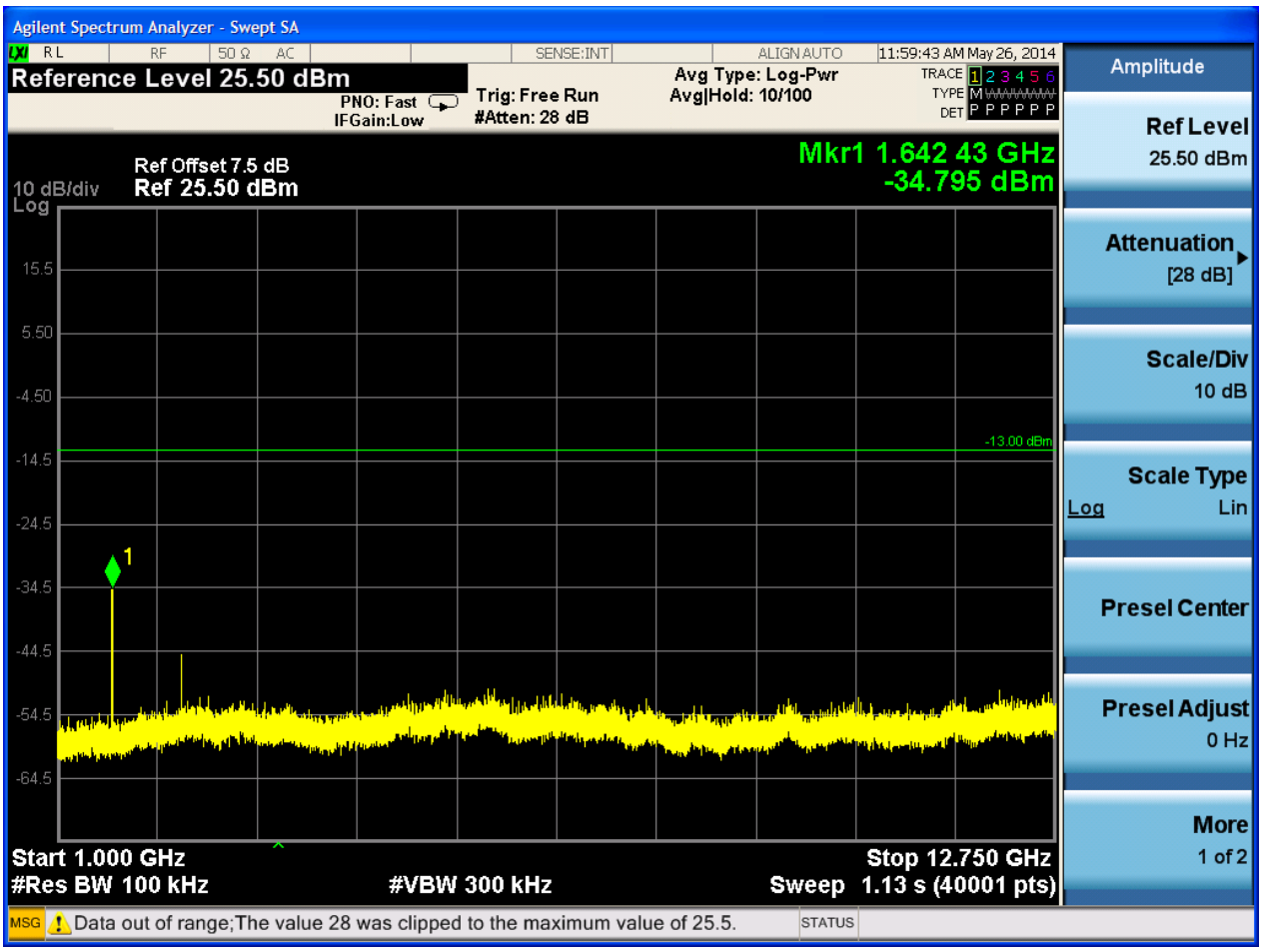


5.1.1.2.2.3 Test Channel = HCH

5.1.1.2.2.3.1 Test RB = RB1#0



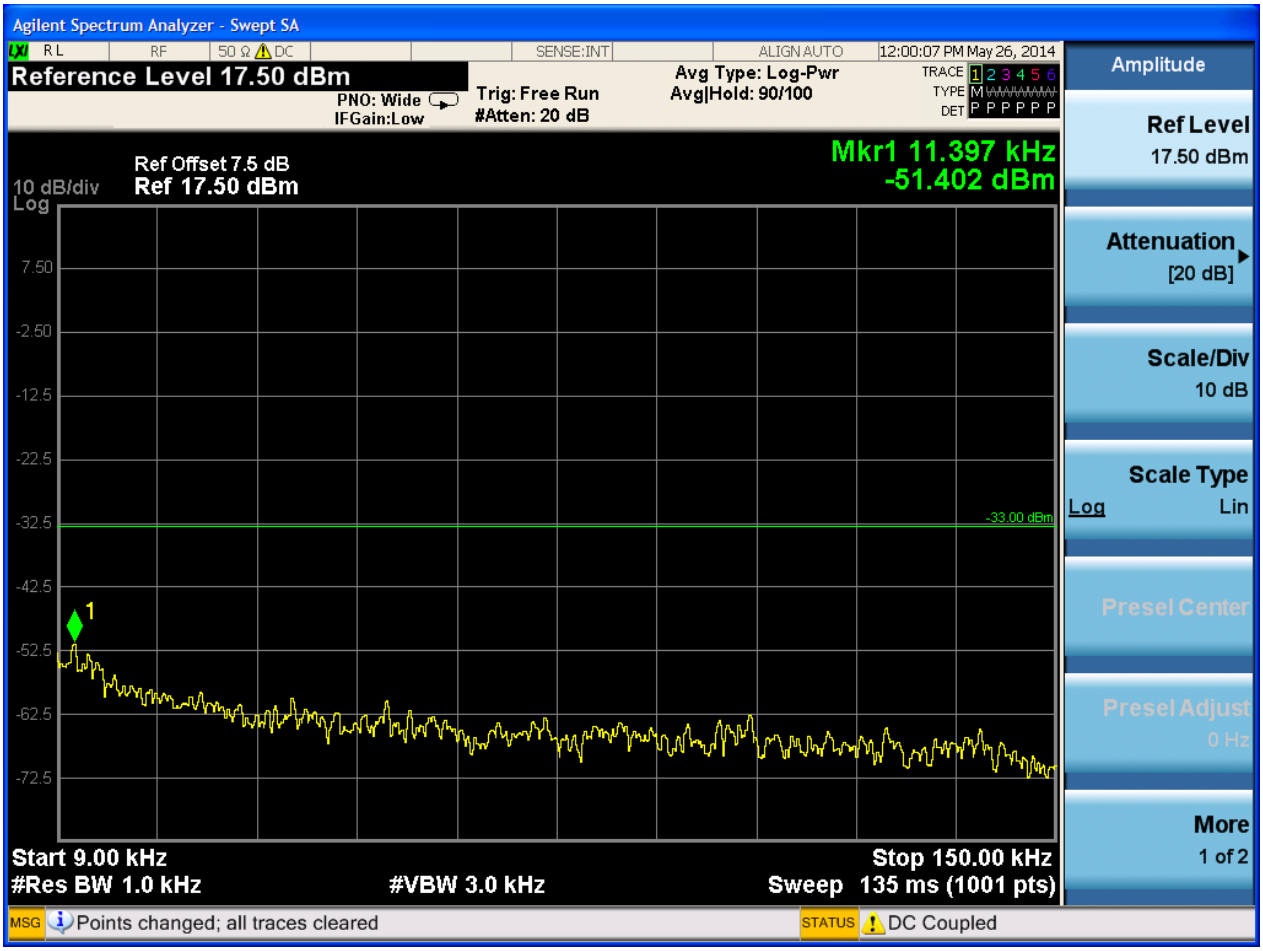


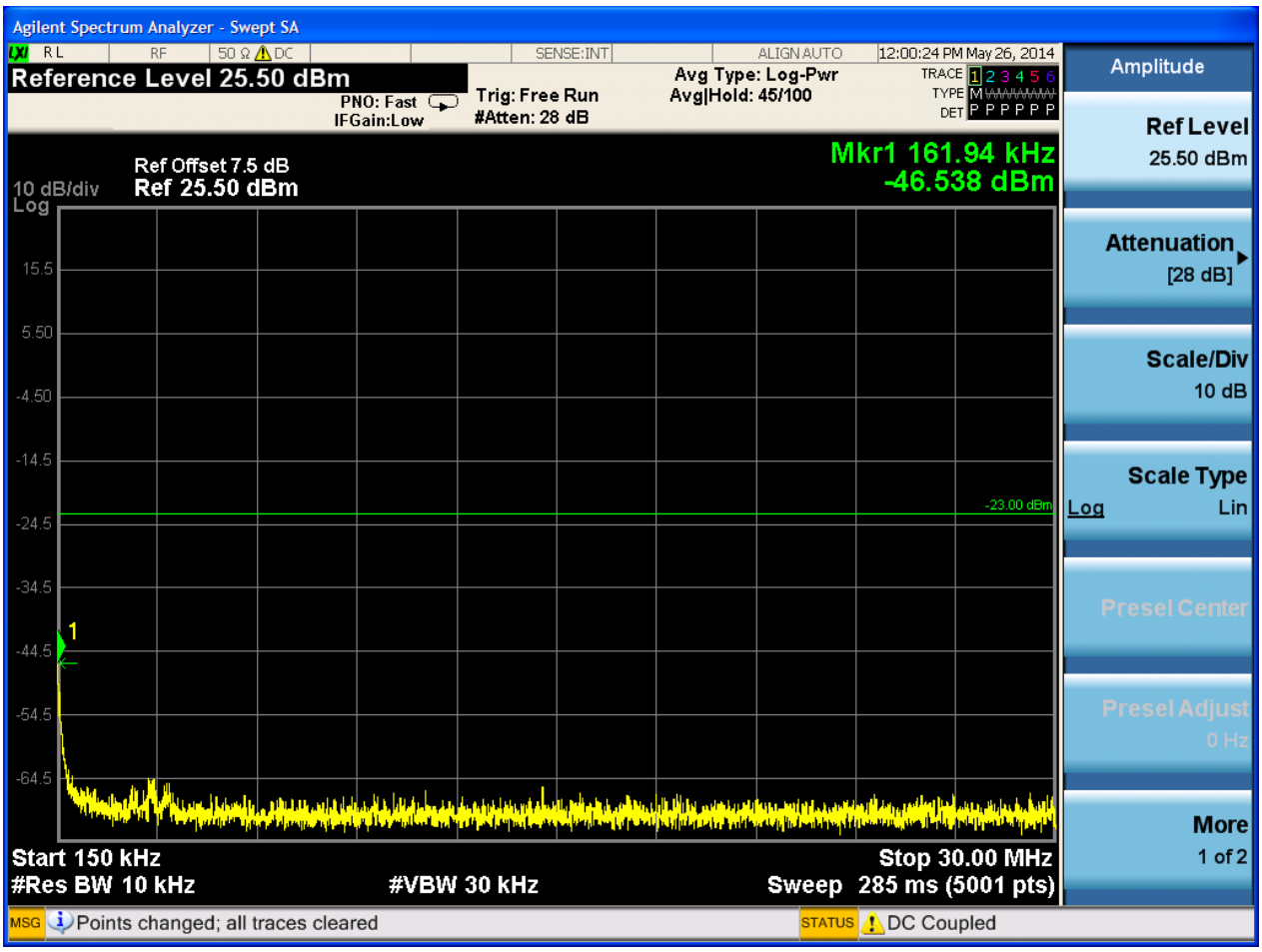


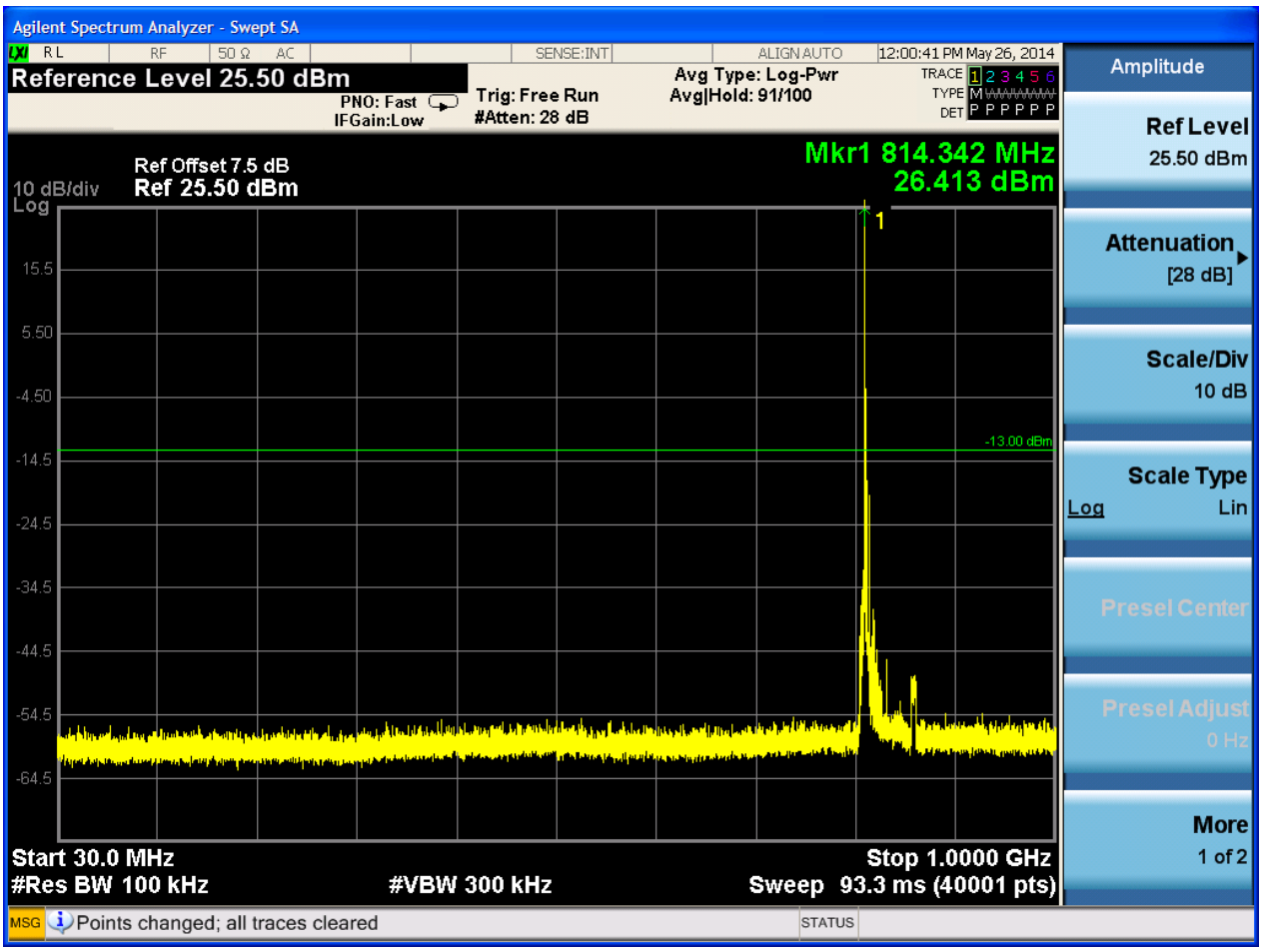
5.1.1.2.3 Test Bandwidth = 5

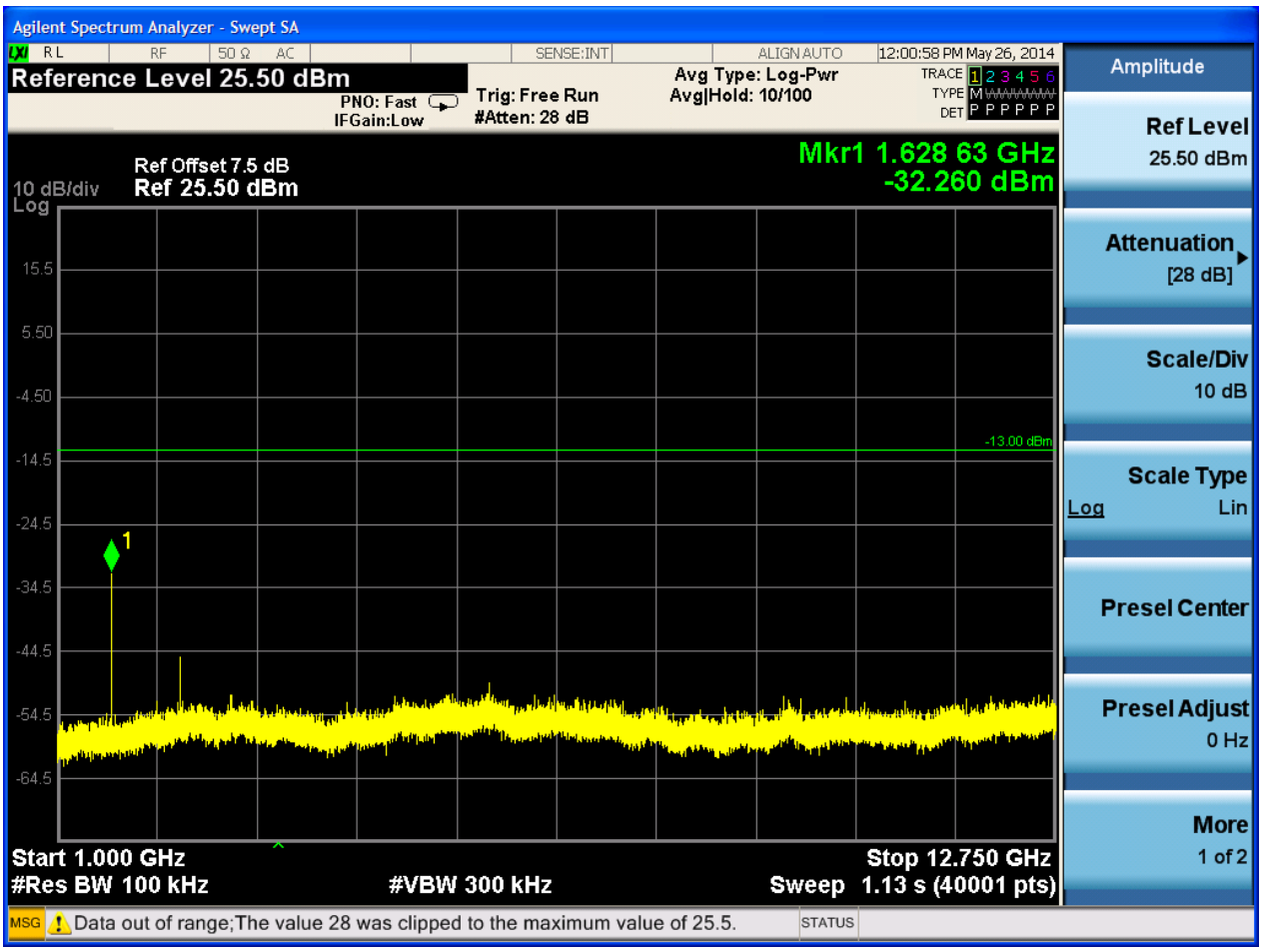
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0



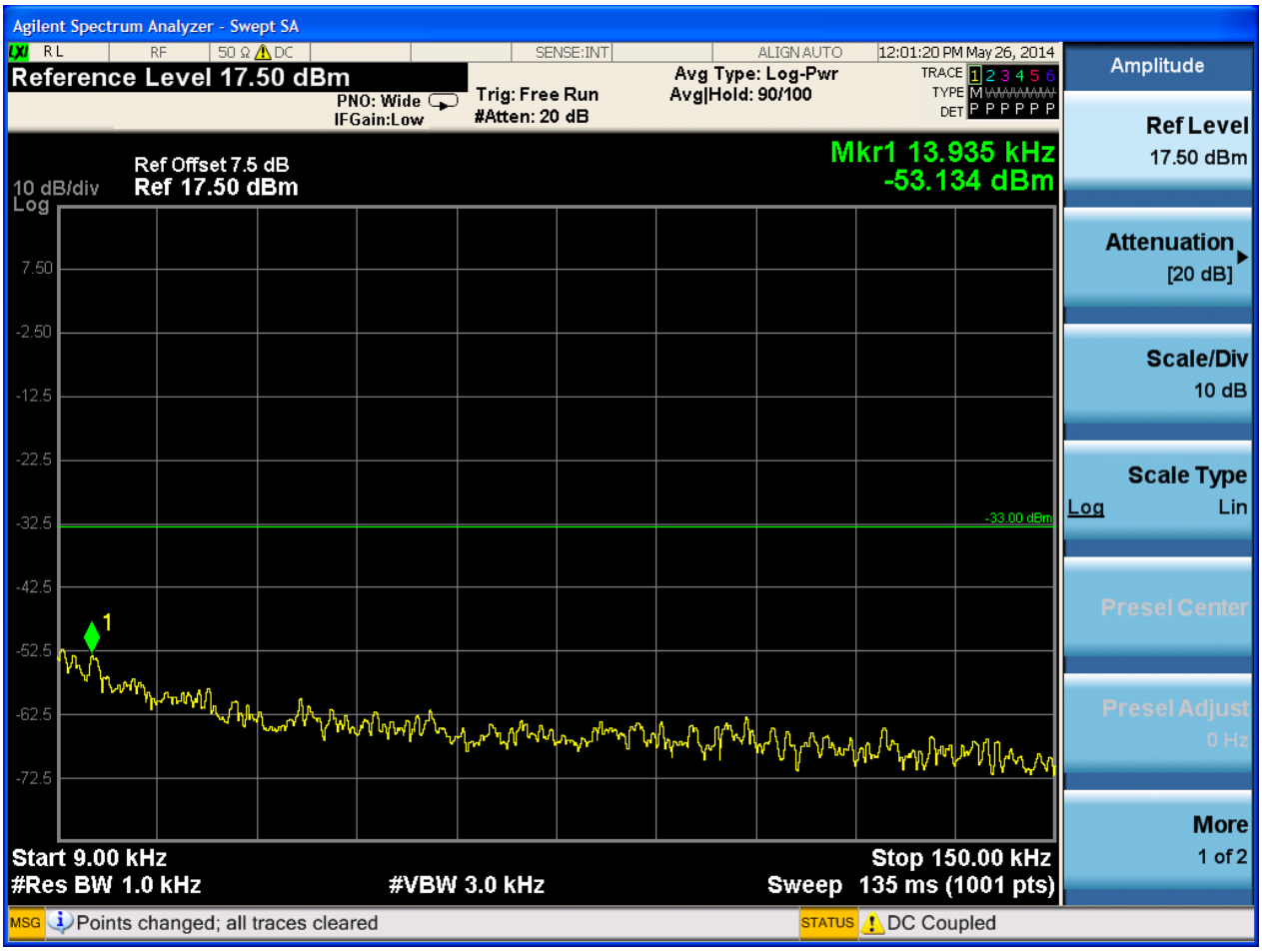


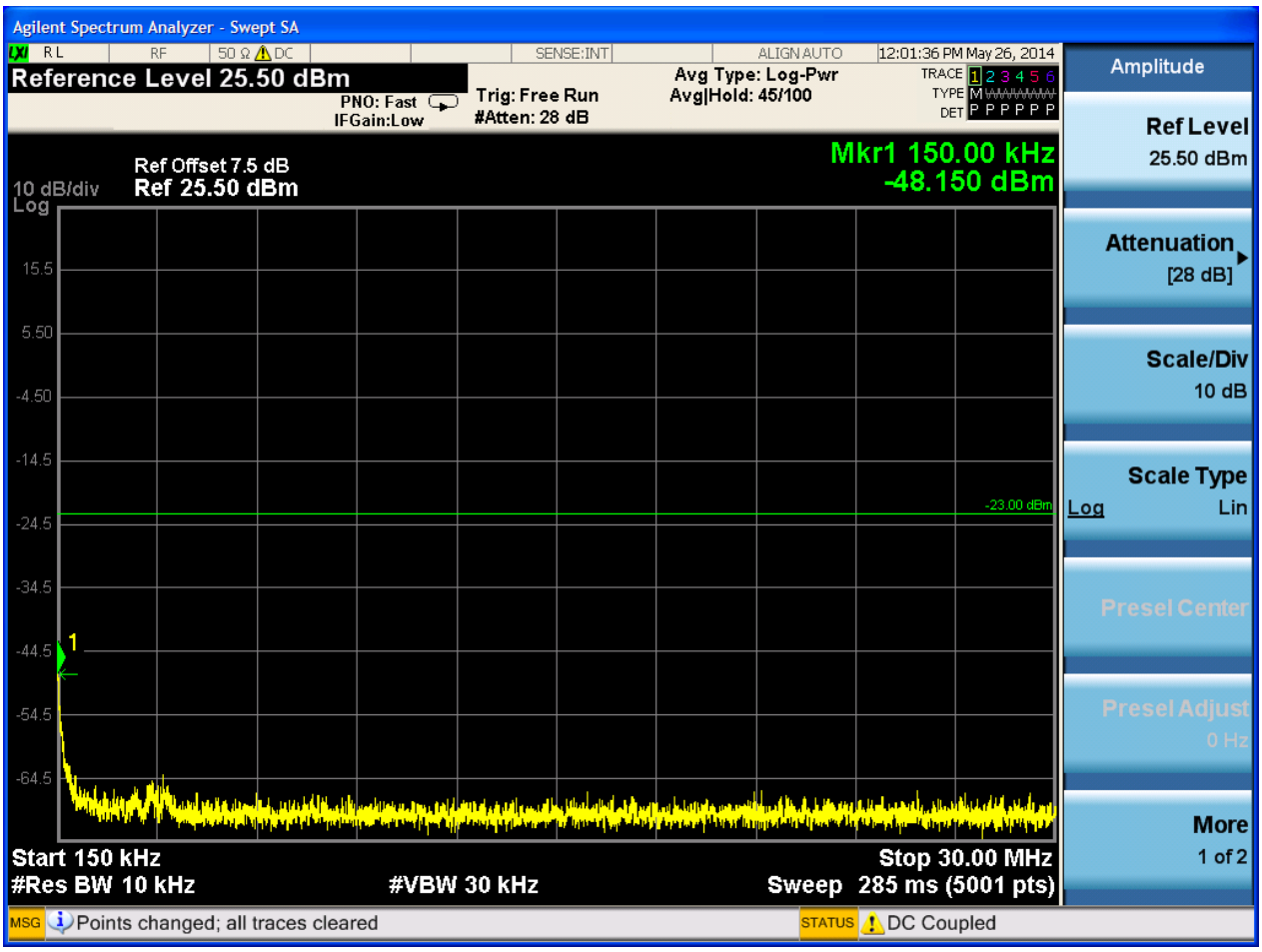


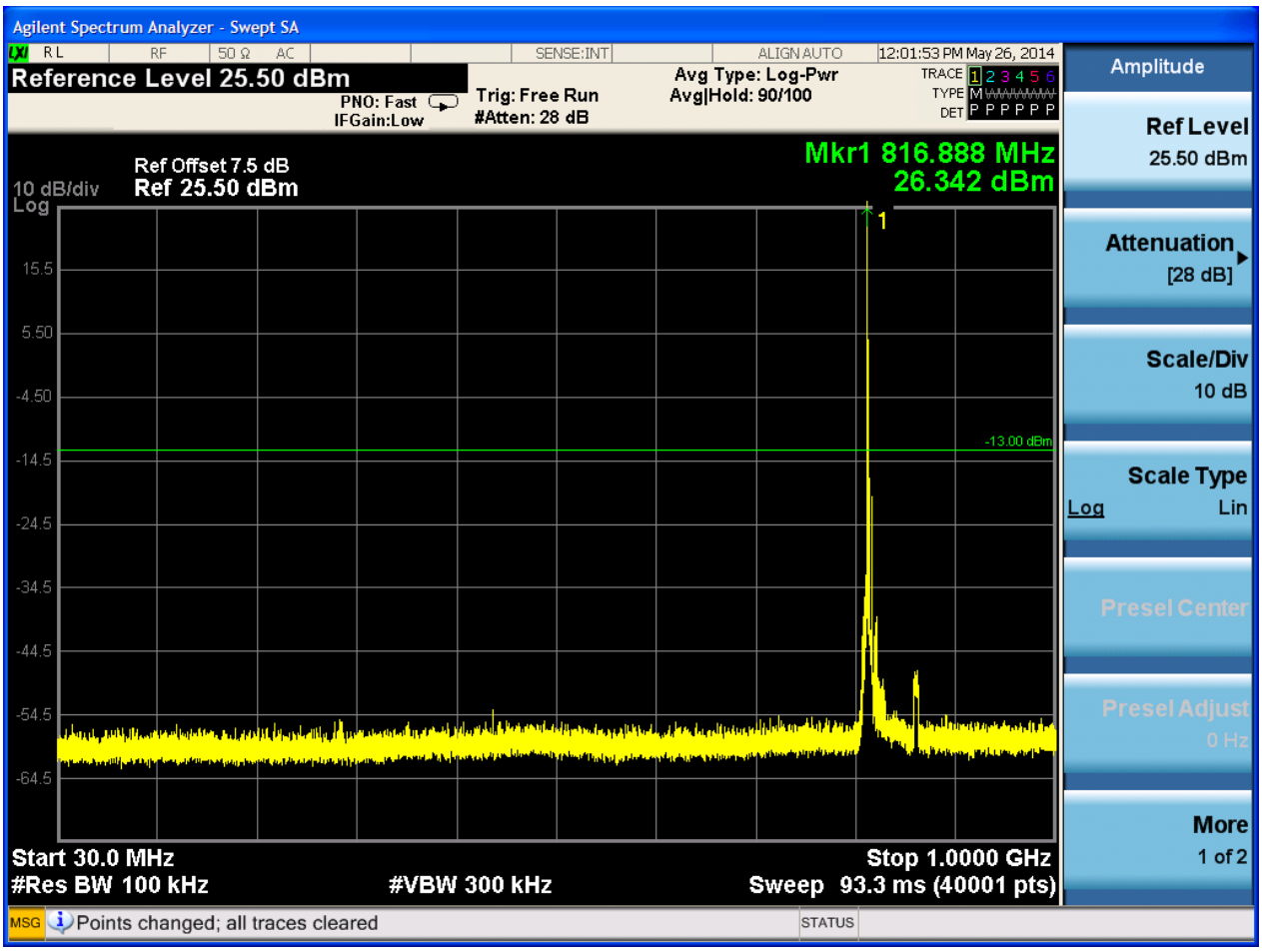


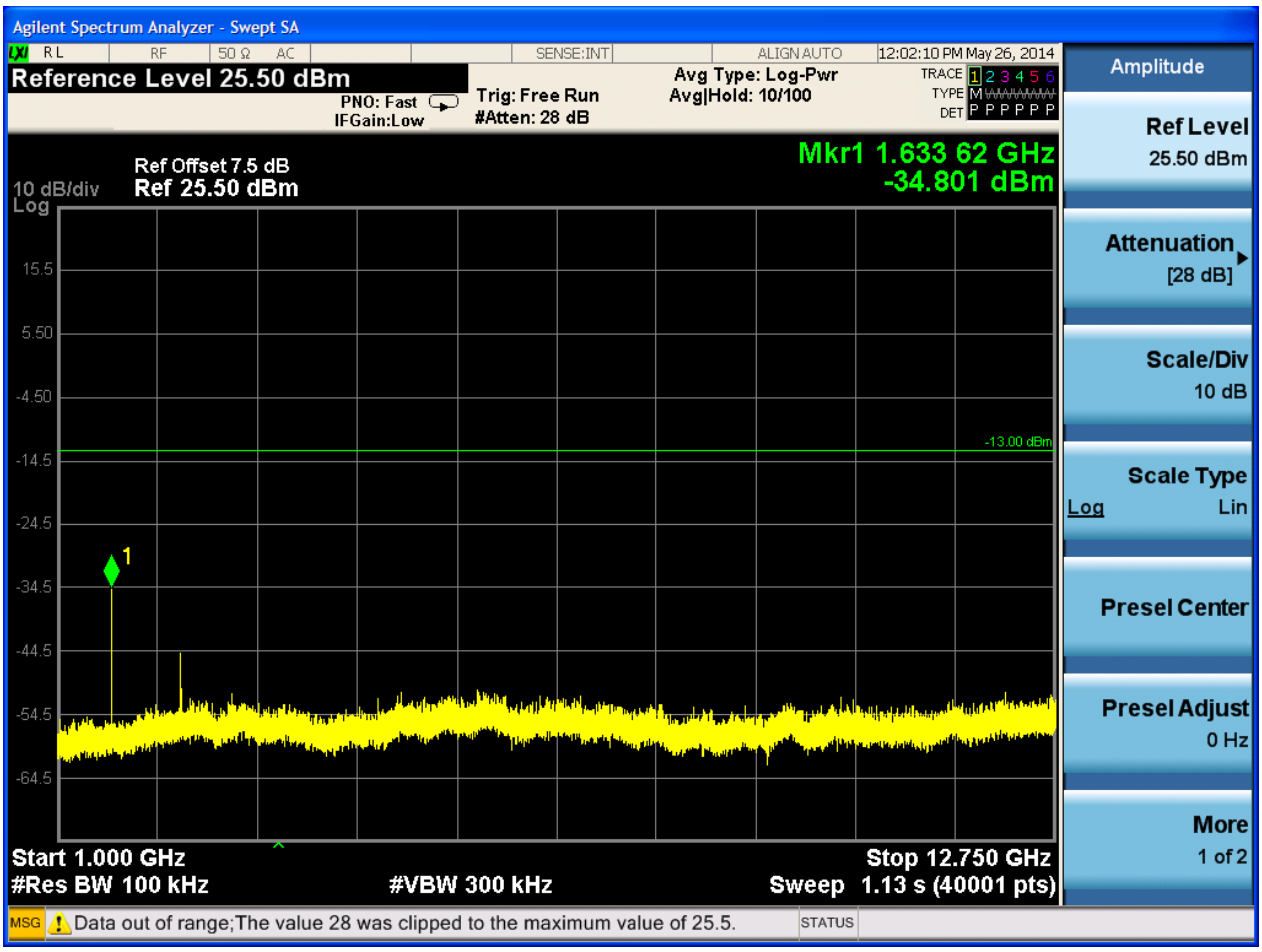
5.1.1.2.3.2 Test Channel = MCH

5.1.1.2.3.2.1 Test RB = RB1#0



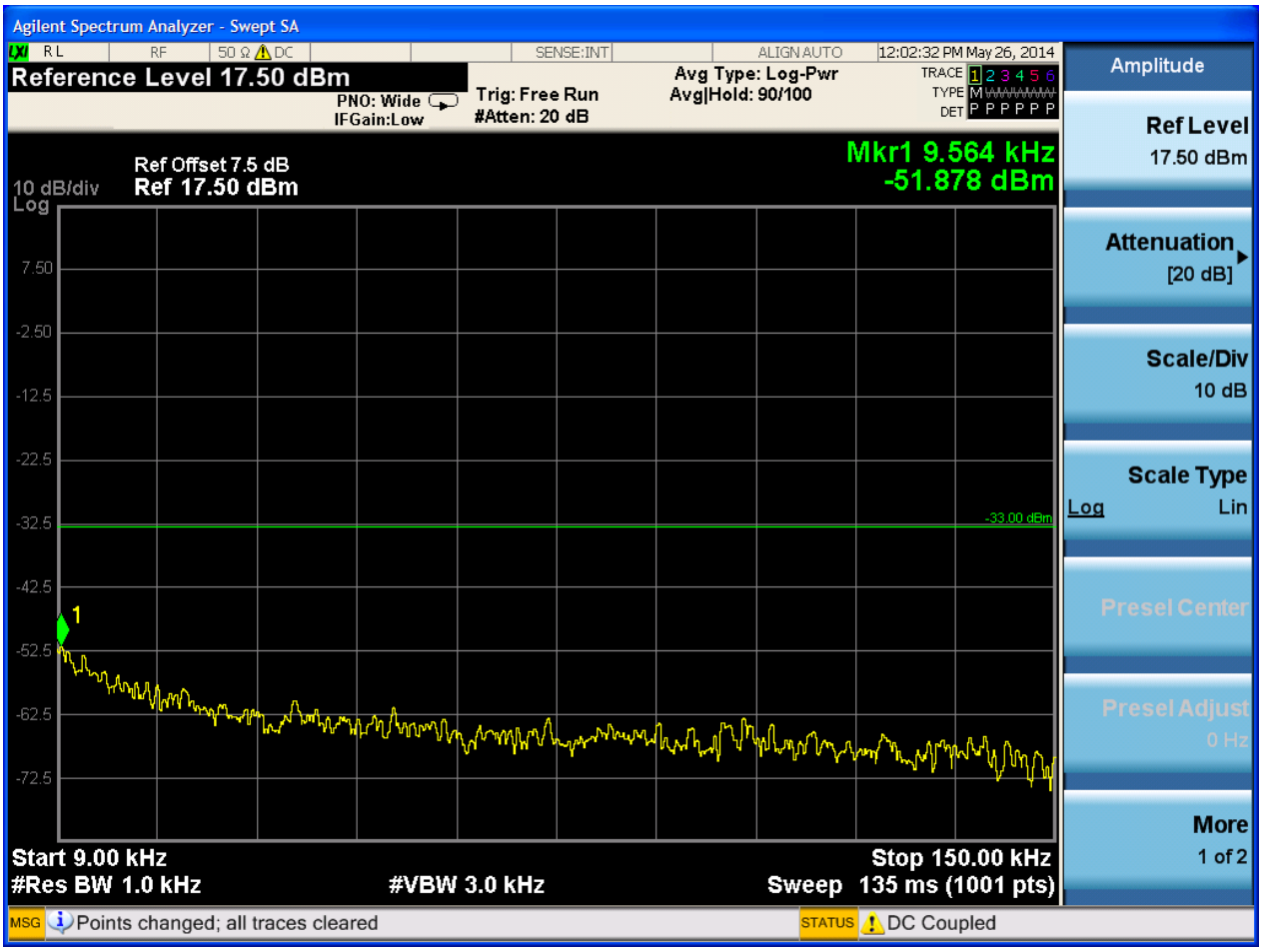


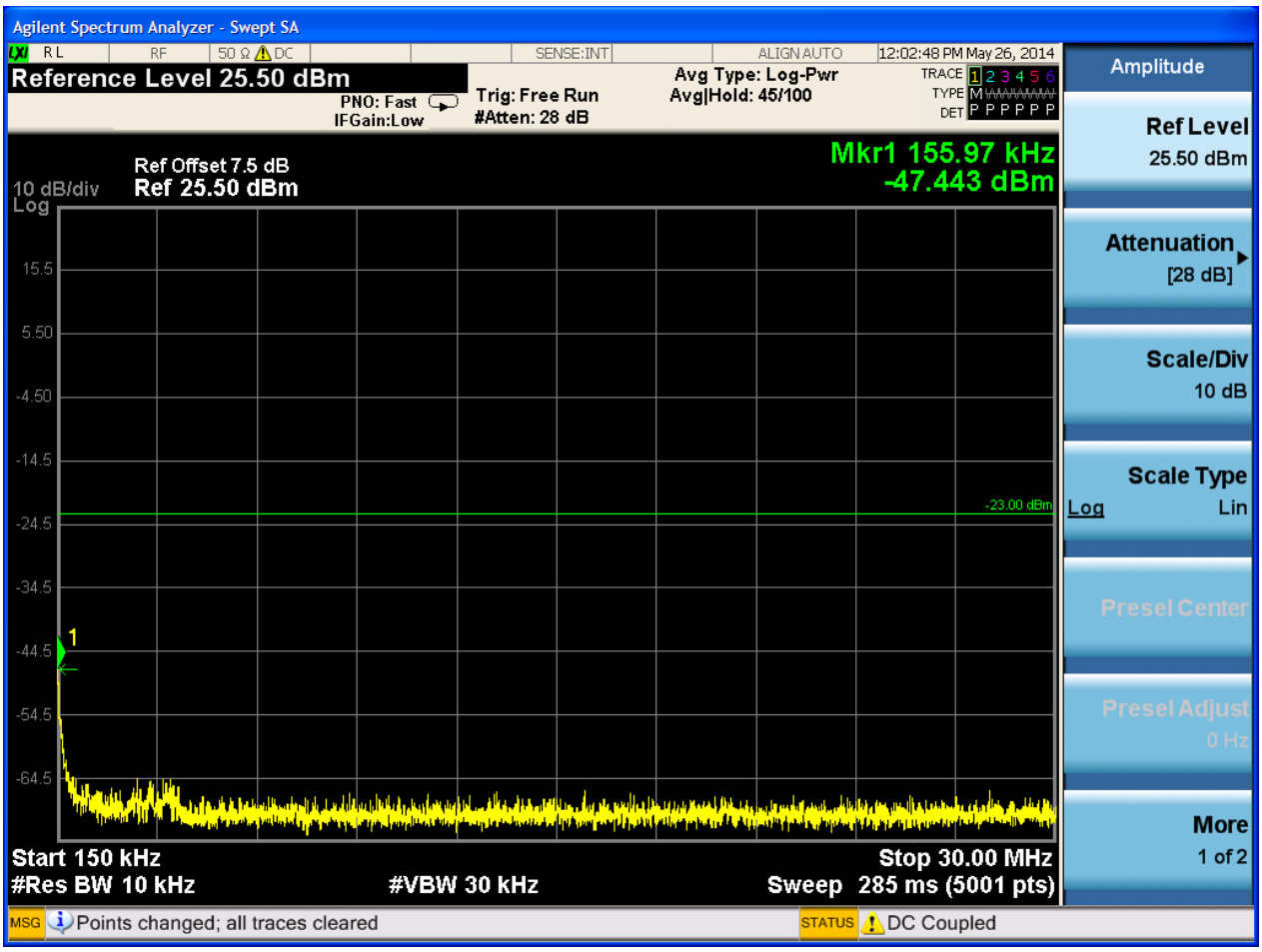


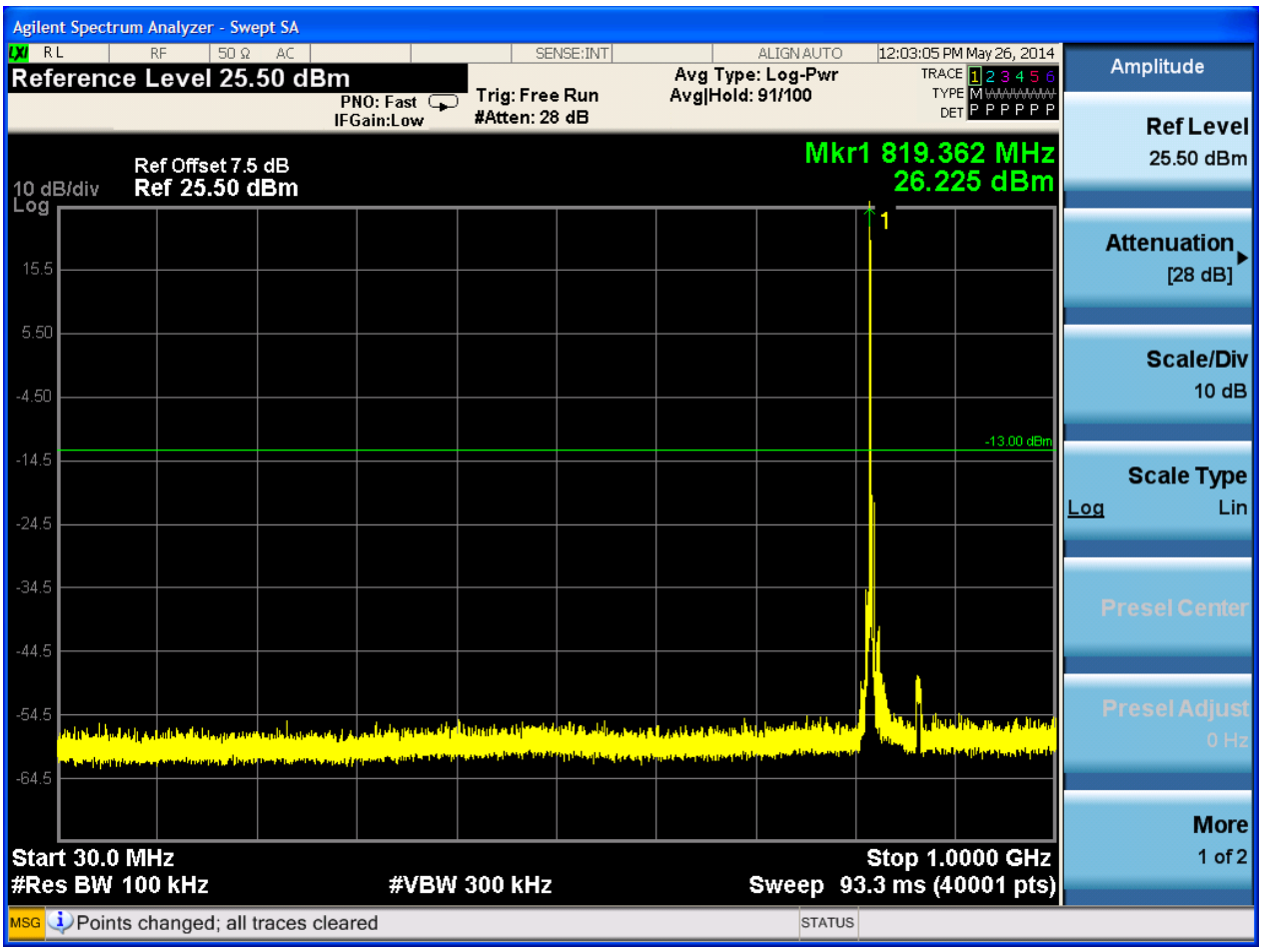


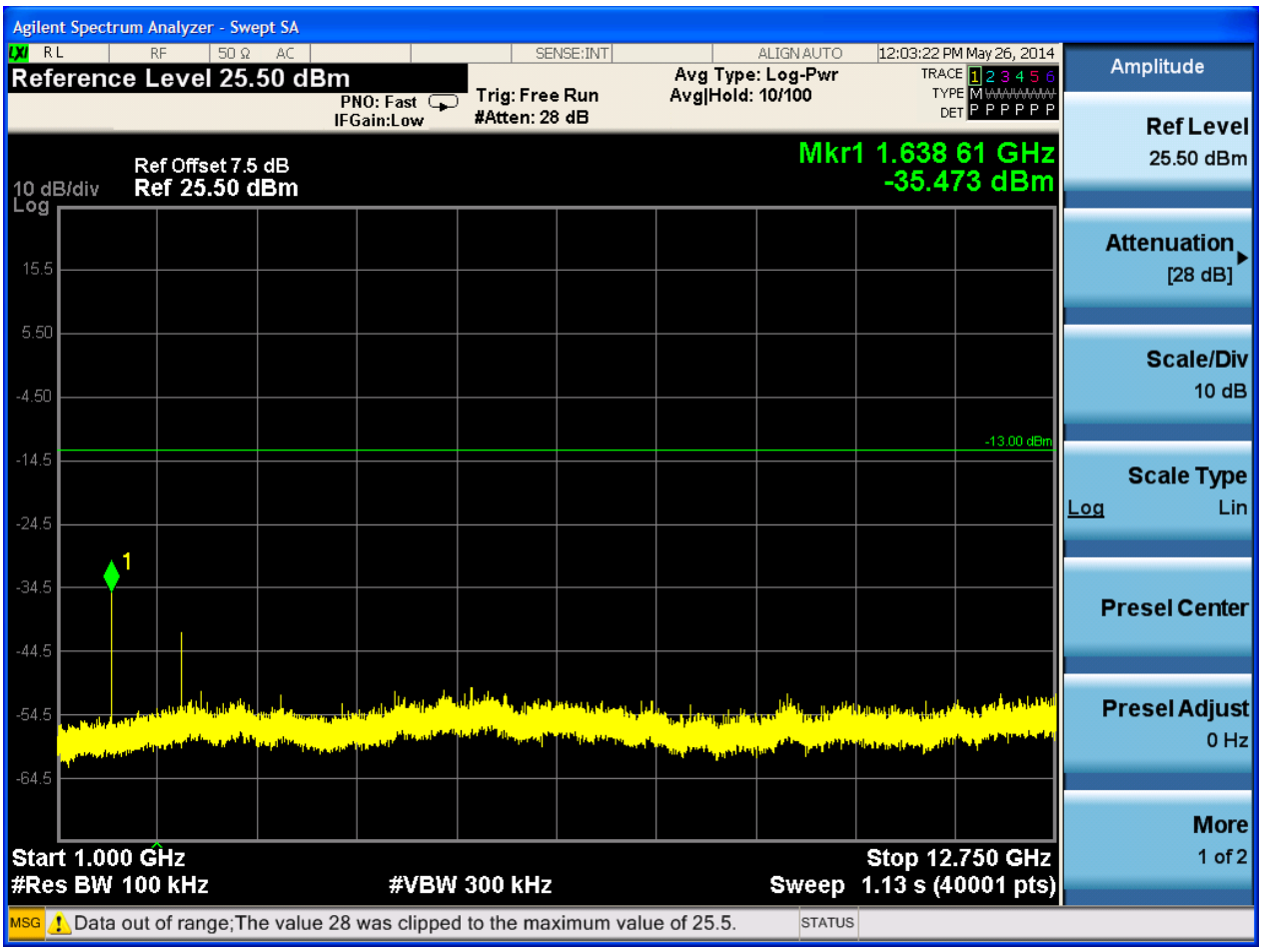
5.1.1.2.3.3 Test Channel = HCH

5.1.1.2.3.3.1 Test RB = RB1#0





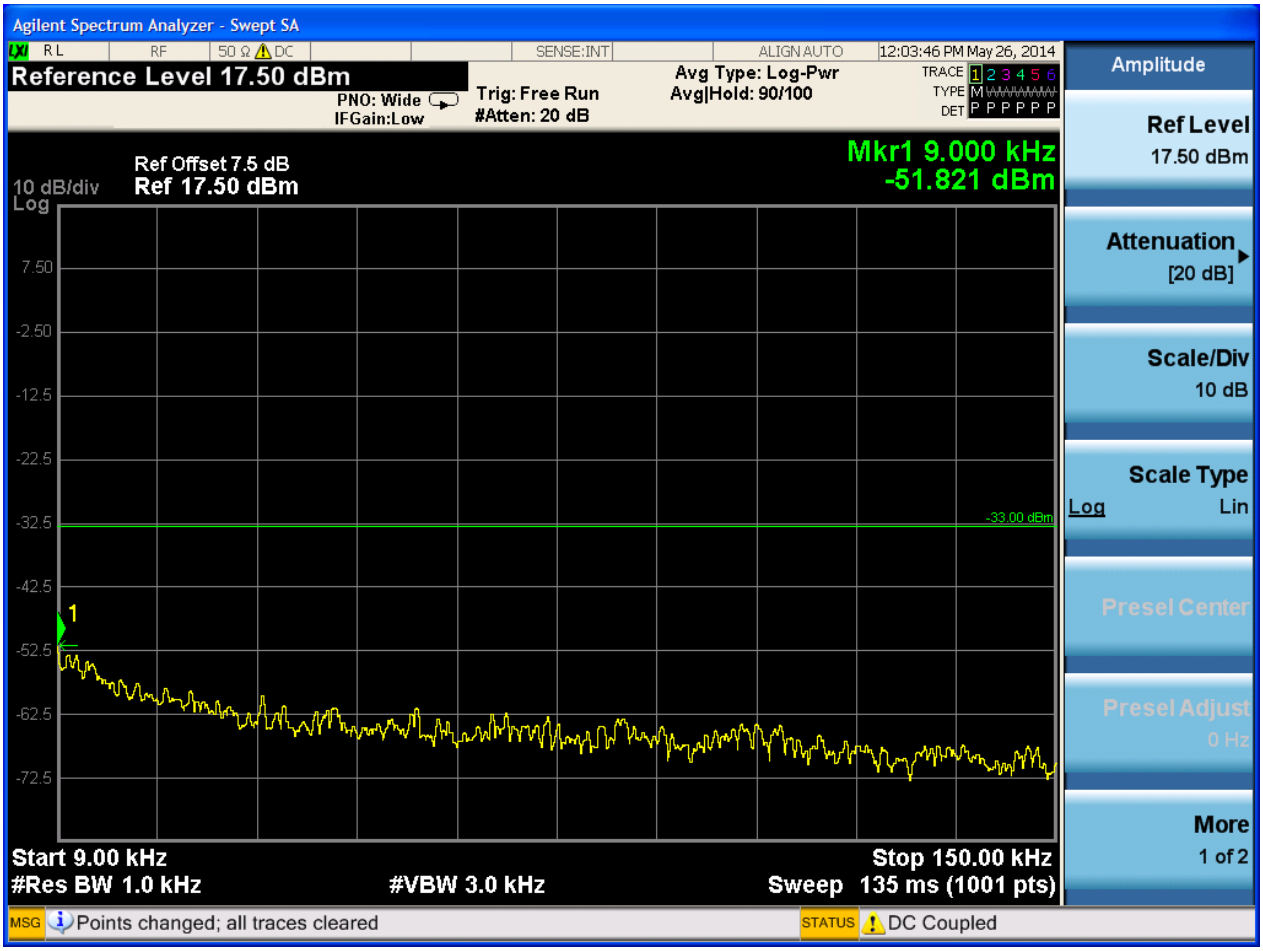


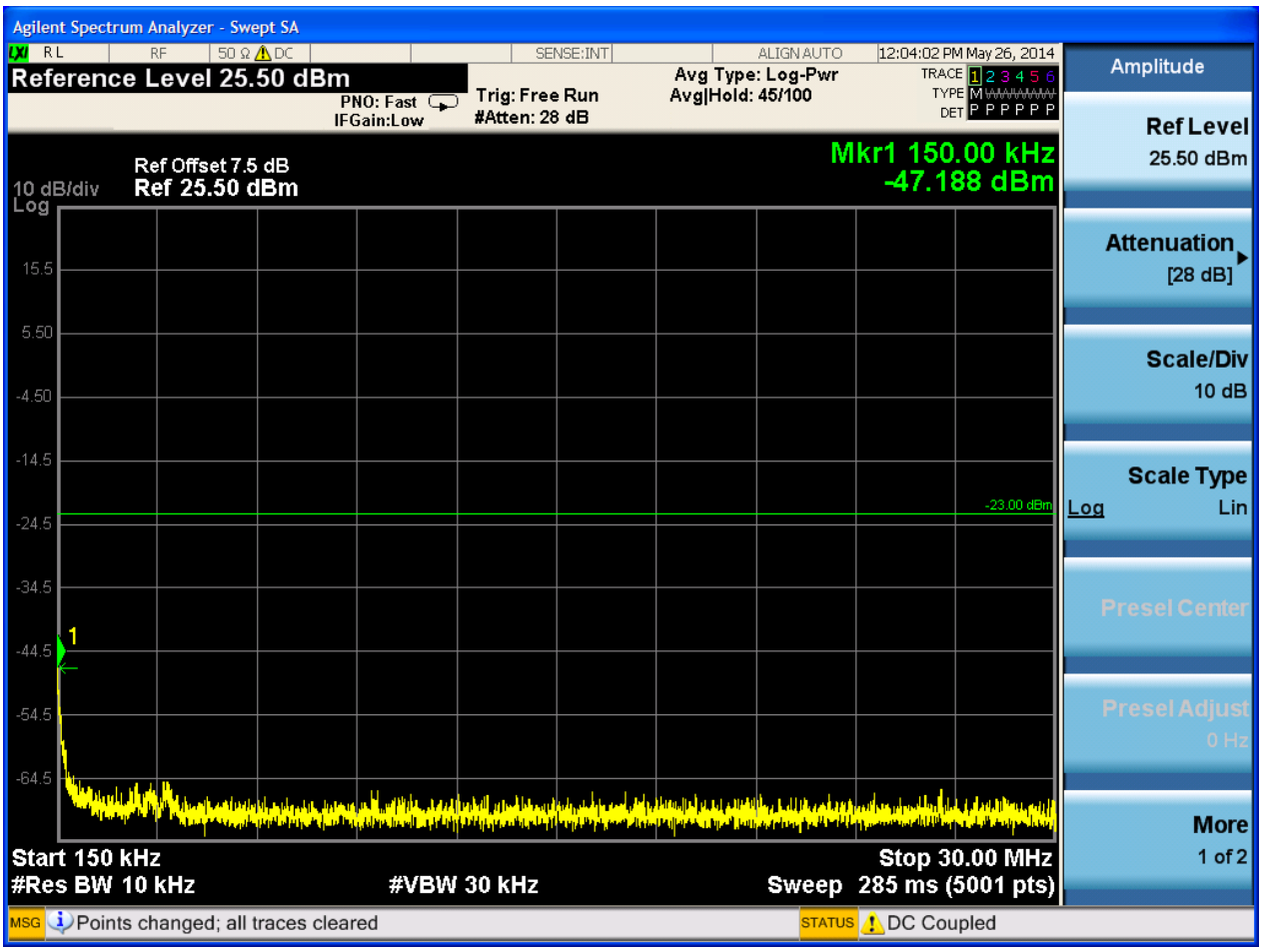


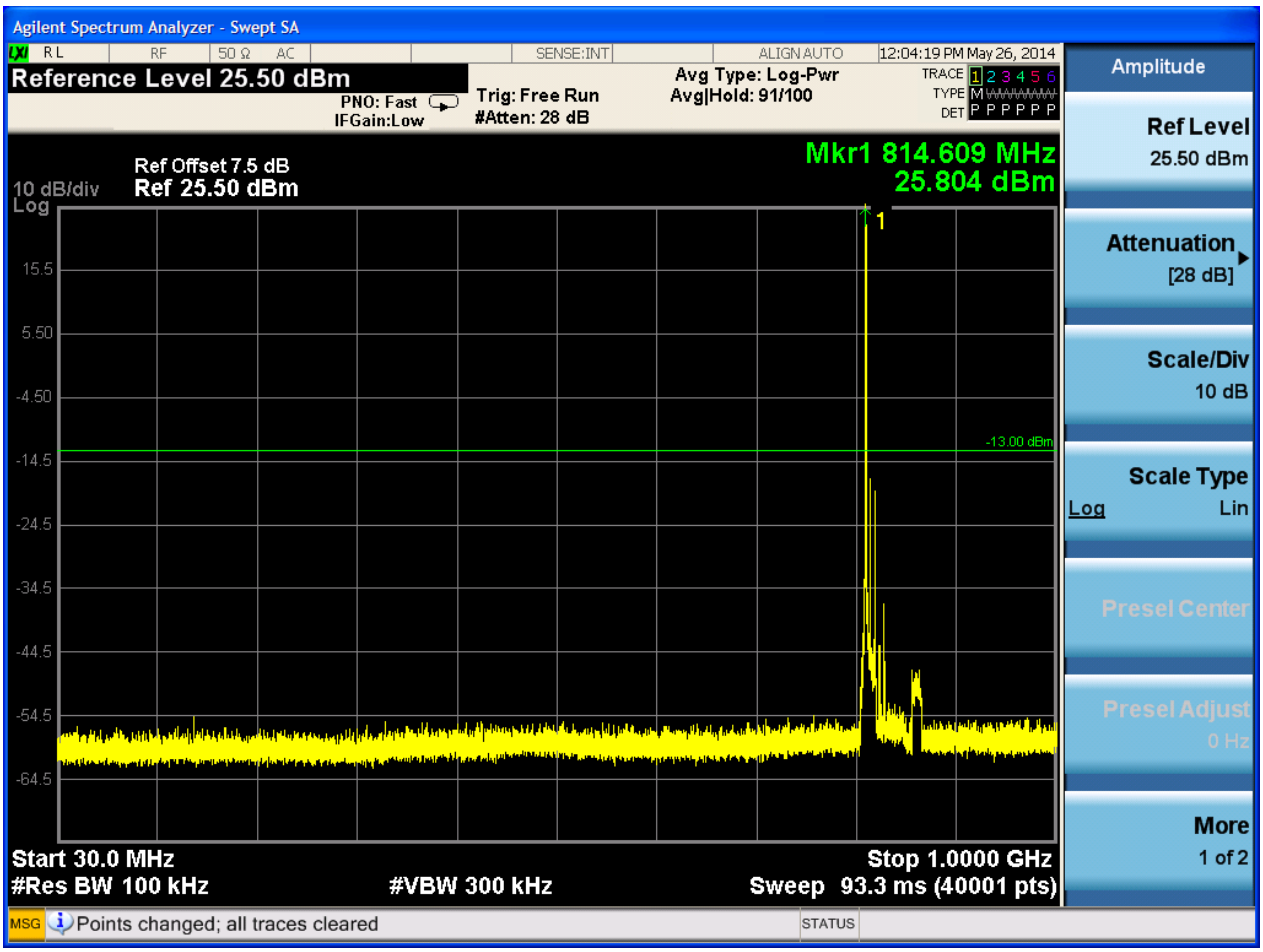
5.1.1.2.4 Test Bandwidth = 10

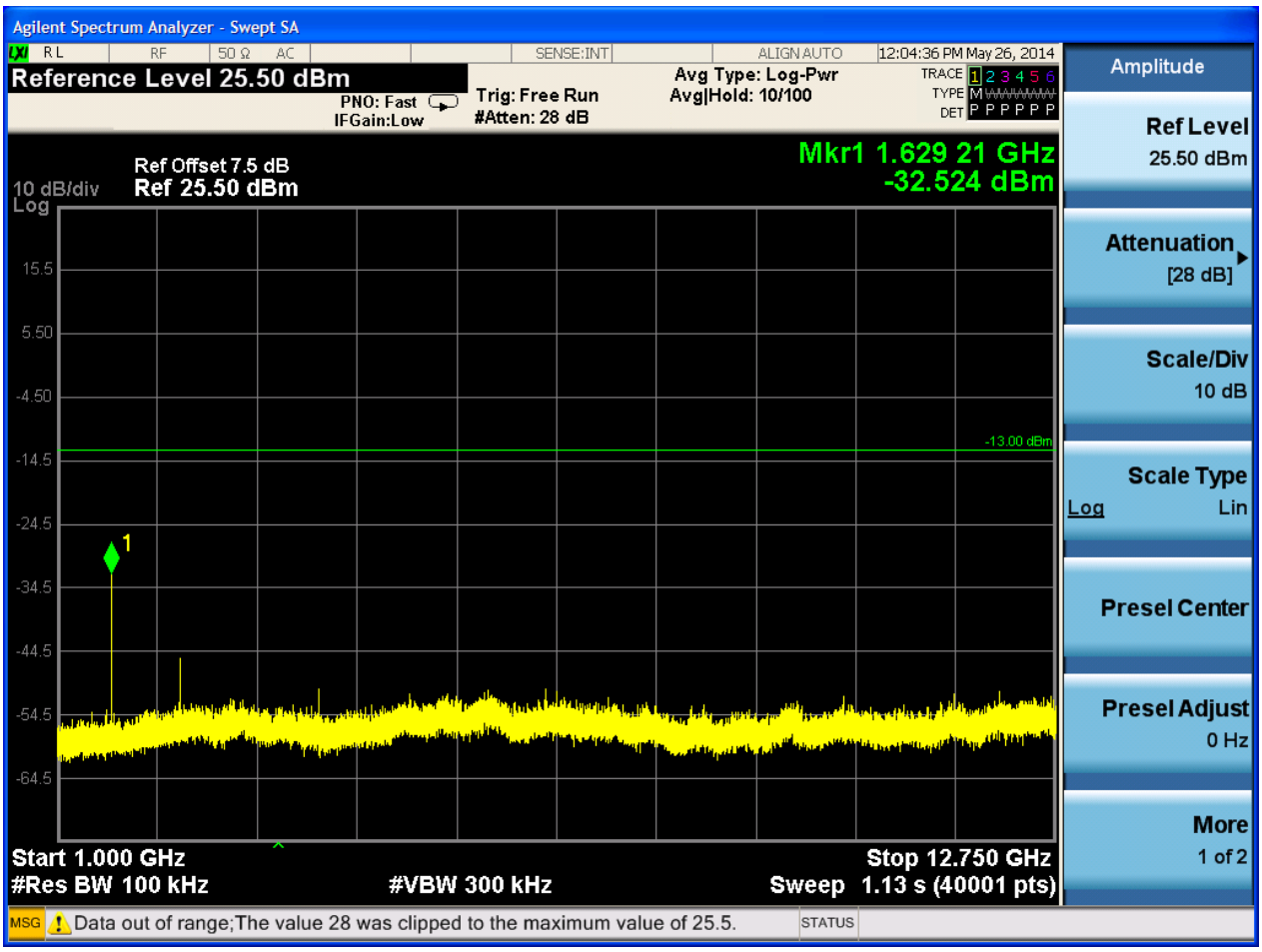
5.1.1.2.4.1 Test Channel = = LCH/MCH/HCH

5.1.1.2.4.1.1 Test RB = RB1#0









6Appendix_F: 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

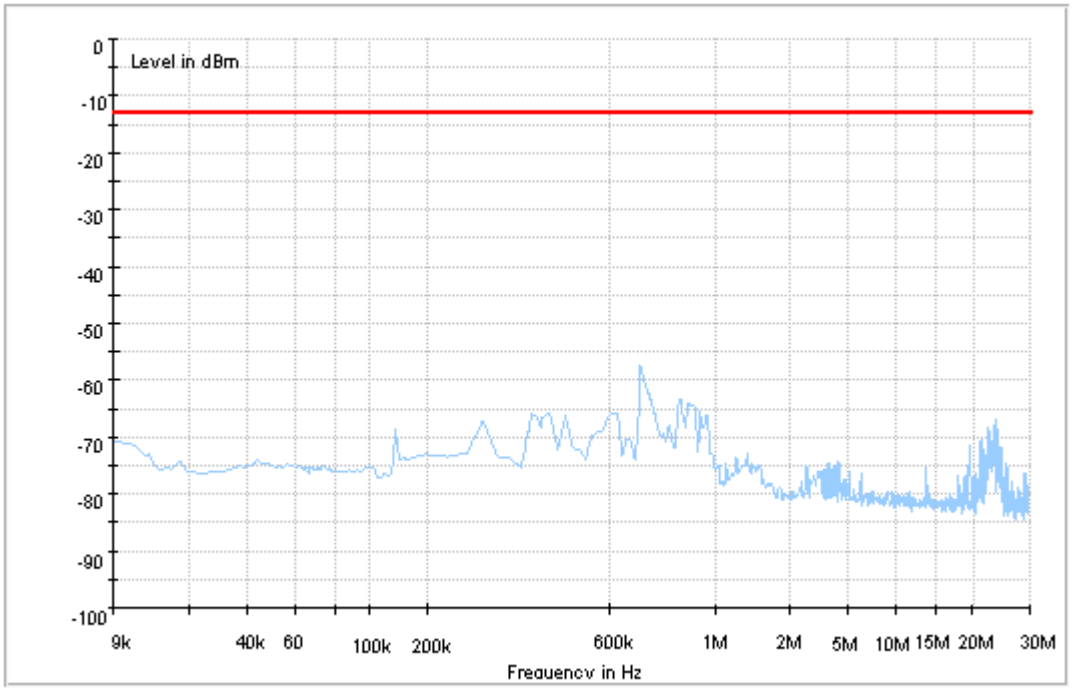
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

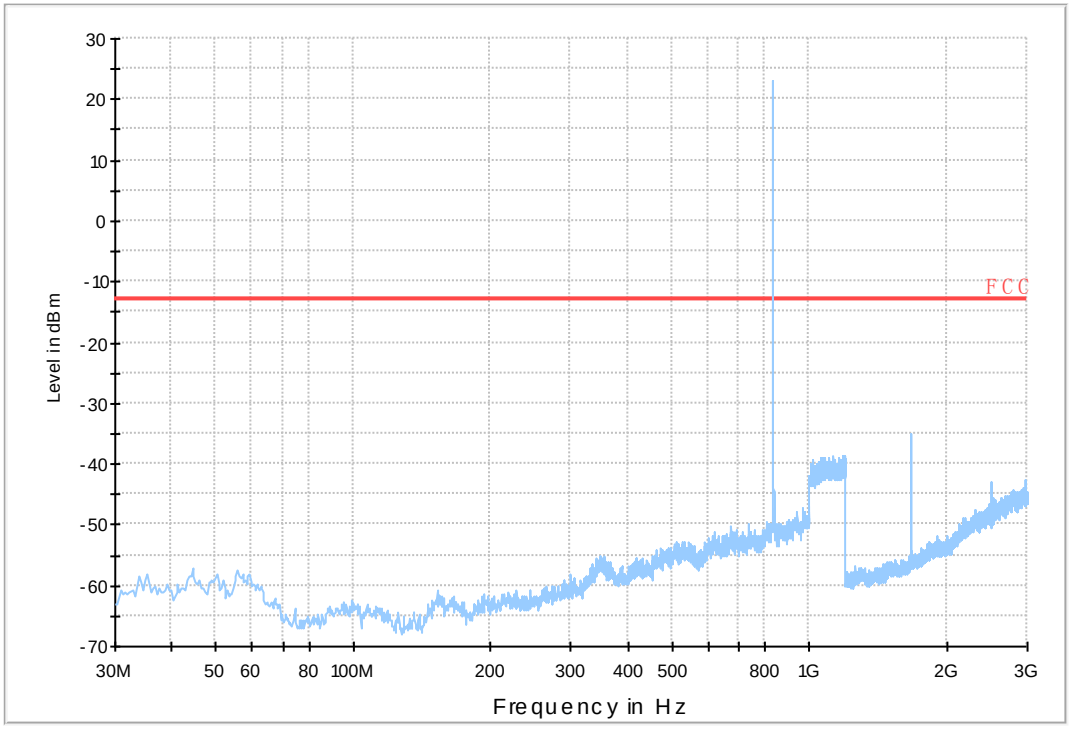
6.1 For LTE

6.1.1 Test Band = BAND26

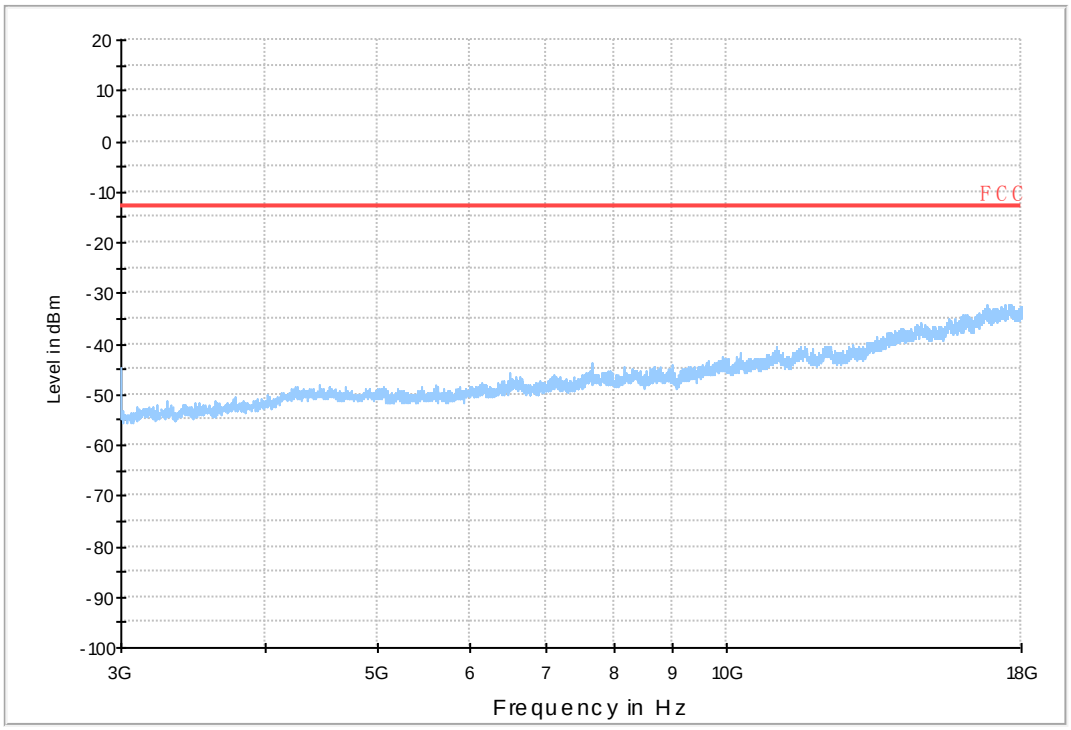
6.1.1.1 Test Bandwidth = 1.4



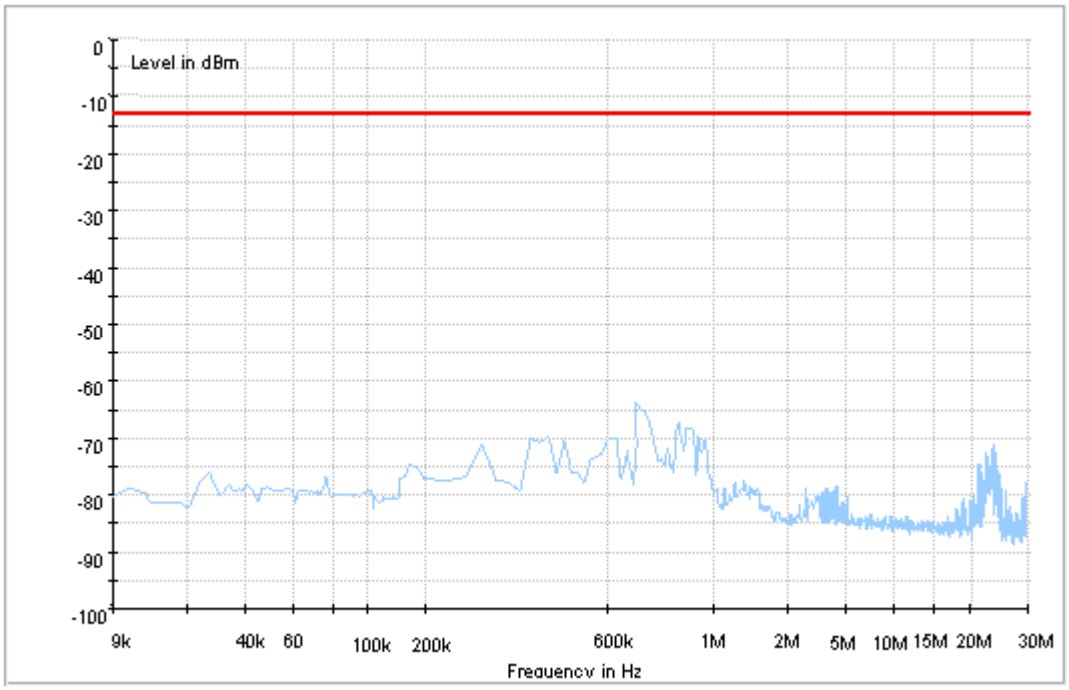
Copy of RSE-TX-DIRECTOR BELOW 1G_L



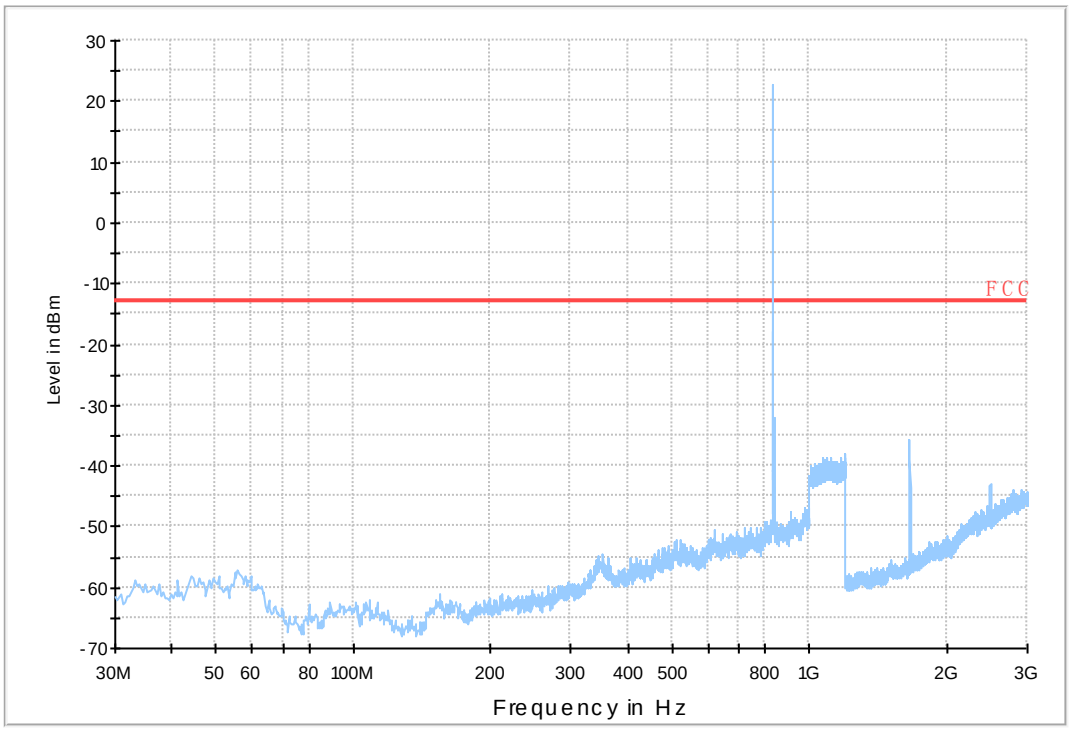
Copy of RSE-TX-DIRECTOR BELOW 1G_H



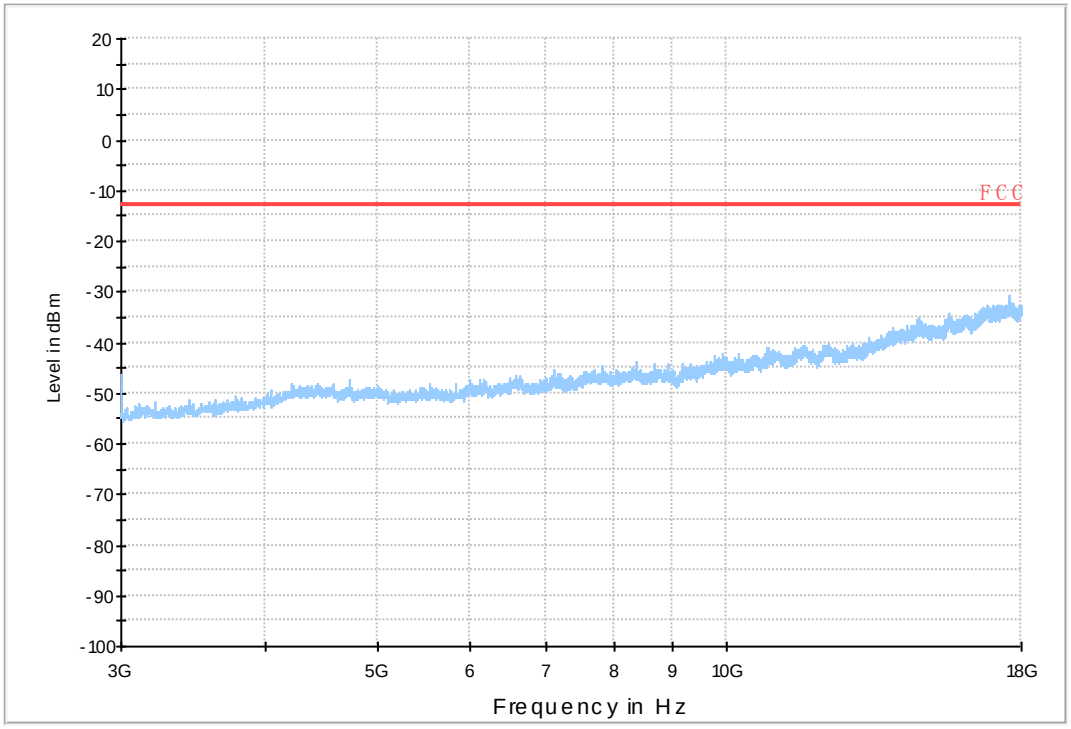
6.1.1.2 Test Bandwidth = 5



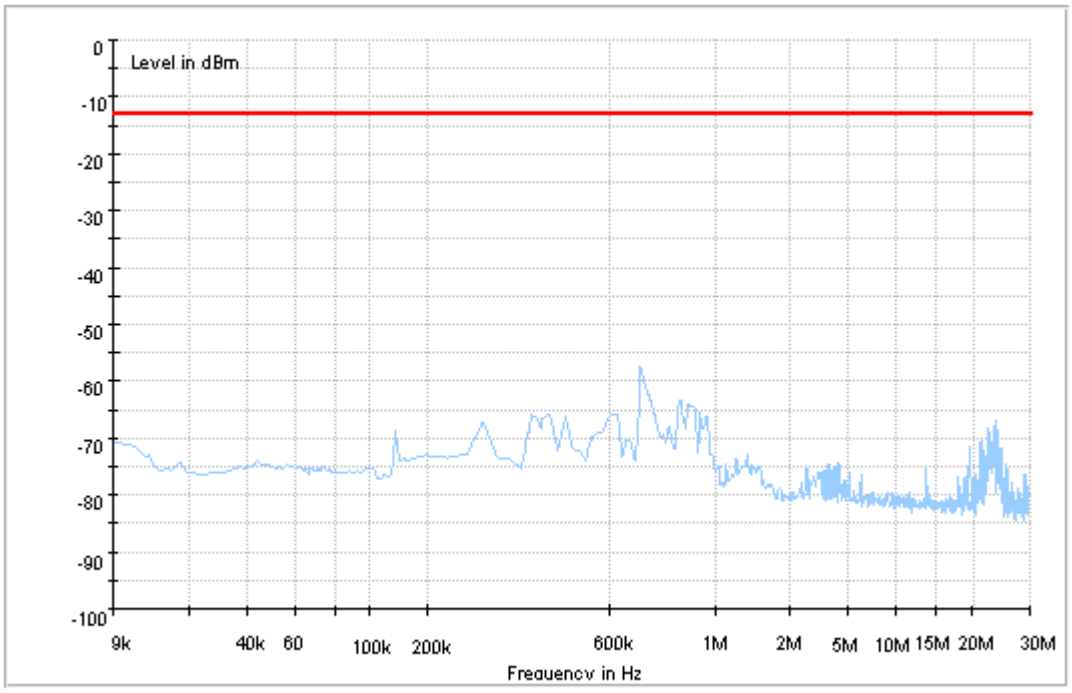
Copy of RSE-TX-DIRECTOR BELOW 1G_L



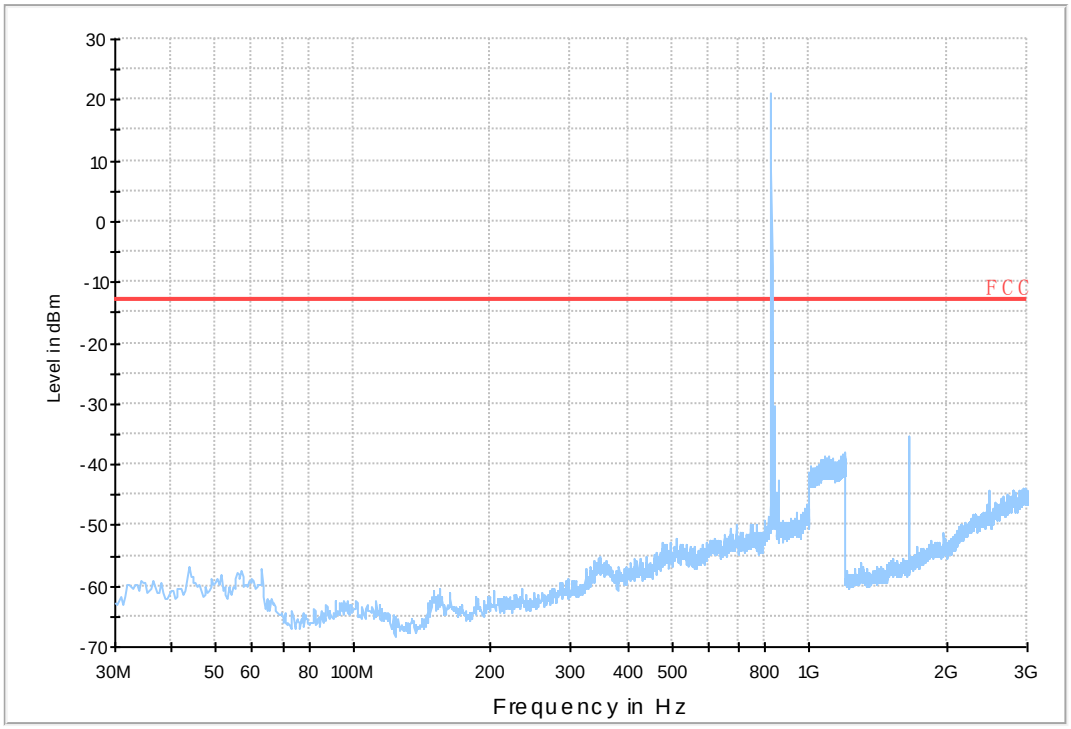
Copy of RSE-TX-DIRECTOR BELOW 1G_H



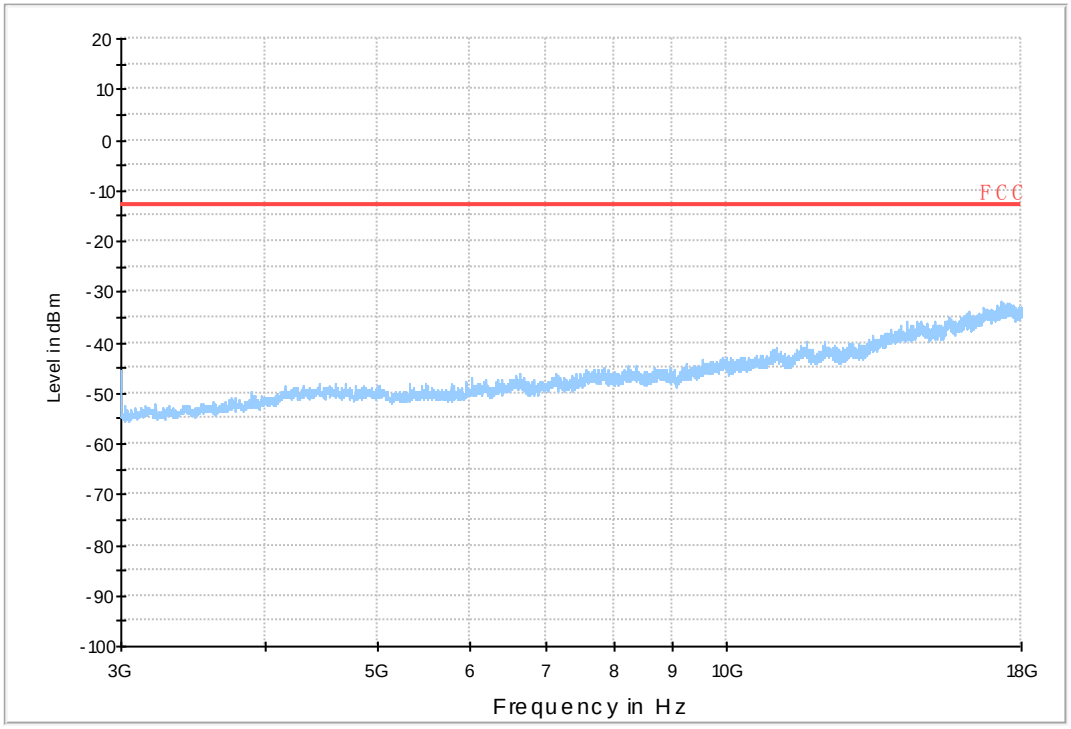
6.1.1.3 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



7Appendix_G: Frequency Stability

7.1 For LTE

7.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND26	LTE/TM1	1.4	LCH	TN	VL	-1.90	-0.00233	PASS
					VN	-4.08	-0.00501	PASS
					VH	-1.20	-0.00147	PASS
			MCH	TN	VL	-3.62	-0.00442	PASS
					VN	-0.77	-0.00094	PASS
					VH	-3.35	-0.00409	PASS
			HCH	TN	VL	-0.11	-0.00013	PASS
					VN	-1.79	-0.00217	PASS
					VH	-0.21	-0.00026	PASS
		3	LCH	TN	VL	1.44	0.00177	PASS
					VN	-0.07	-0.00009	PASS
					VH	1.57	0.00193	PASS
			MCH	TN	VL	-1.92	-0.00234	PASS
					VN	-3.52	-0.0043	PASS
					VH	-1.66	-0.00203	PASS
			HCH	TN	VL	-0.66	-0.0008	PASS
					VN	-2.76	-0.00336	PASS
					VH	-2.27	-0.00276	PASS
		5	LCH	TN	VL	-1.90	-0.00233	PASS
					VN	-0.87	-0.00107	PASS
					VH	-1.40	-0.00171	PASS
			MCH	TN	VL	-4.02	-0.00491	PASS
					VN	-2.68	-0.00327	PASS
					VH	-2.59	-0.00316	PASS
			HCH	TN	VL	0.62	0.00075	PASS
					VN	-0.64	-0.00078	PASS
					VH	1.80	0.00219	PASS
		10	LCH/ MCH/ HCH	TN	VL	-3.33	-0.00407	PASS
					VN	-1.95	-0.00238	PASS
					VH	-2.36	-0.00288	PASS
	LTE/TM2	1.4	LCH	TN	VL	-1.60	-0.00196	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-3.09	-0.00379	PASS
					VH	-1.23	-0.00151	PASS
			MCH	TN	VL	-4.29	-0.00524	PASS
					VN	-3.16	-0.00386	PASS
					VH	-3.56	-0.00435	PASS
			HCH	TN	VL	1.00	0.00121	PASS
					VN	0.33	0.0004	PASS
					VH	0.14	0.00017	PASS
		3	LCH	TN	VL	1.62	0.00199	PASS
					VN	-0.13	-0.00016	PASS
					VH	0.37	0.00045	PASS
			MCH	TN	VL	-4.03	-0.00492	PASS
					VN	-2.57	-0.00314	PASS
					VH	-3.18	-0.00388	PASS
			HCH	TN	VL	-2.10	-0.00255	PASS
					VN	-1.20	-0.00146	PASS
					VH	-1.50	-0.00182	PASS
		5	LCH	TN	VL	-1.89	-0.00231	PASS
					VN	-1.96	-0.0024	PASS
					VH	-0.96	-0.00118	PASS
			MCH	TN	VL	-3.09	-0.00377	PASS
					VN	-2.50	-0.00305	PASS
					VH	-4.49	-0.00548	PASS
			HCH	TN	VL	1.37	0.00167	PASS
					VN	1.17	0.00142	PASS
					VH	0.13	0.00016	PASS
		10	LCH/ MCH/ HCH	TN	VL	-1.95	-0.00238	PASS
					VN	-2.10	-0.00256	PASS
					VH	-2.45	-0.00299	PASS

7.1.2Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND26	LTE/TM1	1.4	LCH	VN	-30	-1.62	-0.00199	PASS
					-20	-3.42	-0.0042	PASS
					-10	-1.76	-0.00216	PASS
					0	1.26	0.00155	PASS
					10	-2.92	-0.00358	PASS
					20	-0.77	-0.00095	PASS
					30	2.05	0.00252	PASS
					40	-1.26	-0.00155	PASS
					50	-2.09	-0.00257	PASS
			MCH	VN	-30	-3.52	-0.0043	PASS
					-20	-2.43	-0.00297	PASS
					-10	-1.72	-0.0021	PASS
					0	-3.33	-0.00407	PASS
					10	-2.70	-0.0033	PASS
					20	-3.95	-0.00482	PASS
					30	-2.05	-0.0025	PASS
					40	-2.96	-0.00361	PASS
					50	-3.53	-0.00431	PASS
			HCH	VN	-30	0.01	0.00001	PASS
					-20	2.27	0.00276	PASS
					-10	0.24	0.00029	PASS
					0	0.69	0.00084	PASS
					10	-0.03	-0.00004	PASS
					20	-0.14	-0.00017	PASS
					30	0.29	0.00035	PASS
					40	1.37	0.00166	PASS
					50	-1.63	-0.00198	PASS
		3	LCH	VN	-30	-0.84	-0.00103	PASS
					-20	0.01	0.00001	PASS
					-10	0.19	0.00023	PASS
					0	-0.36	-0.00044	PASS
					10	-0.63	-0.00077	PASS
					20	0.57	0.0007	PASS
					30	1.95	0.00239	PASS
					40	-0.11	-0.00013	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	0.72	0.00088	PASS
			MCH	VN	-30	-2.66	-0.00325	PASS
					-20	-3.02	-0.00369	PASS
					-10	-3.13	-0.00382	PASS
					0	-1.99	-0.00243	PASS
					10	-0.56	-0.00068	PASS
					20	-3.43	-0.00419	PASS
					30	-4.11	-0.00502	PASS
					40	-3.46	-0.00422	PASS
					50	-2.06	-0.00252	PASS
			HCH	VN	-30	-2.39	-0.00291	PASS
					-20	0.01	0.00001	PASS
					-10	-2.52	-0.00306	PASS
					0	-1.46	-0.00178	PASS
					10	-1.85	-0.00225	PASS
					20	-0.63	-0.00077	PASS
					30	-1.40	-0.0017	PASS
					40	-1.27	-0.00154	PASS
					50	-2.52	-0.00306	PASS
		5	LCH	VN	-30	-2.73	-0.00334	PASS
					-20	-1.62	-0.00198	PASS
					-10	-1.90	-0.00233	PASS
					0	-2.42	-0.00296	PASS
					10	0.07	0.00009	PASS
					20	-2.75	-0.00337	PASS
					30	-2.00	-0.00245	PASS
					40	-3.72	-0.00456	PASS
					50	-2.53	-0.0031	PASS
			MCH	VN	-30	-2.89	-0.00353	PASS
					-20	-4.35	-0.00531	PASS
					-10	-2.63	-0.00321	PASS
					0	-3.06	-0.00374	PASS
					10	-2.37	-0.00289	PASS
					20	-3.53	-0.00431	PASS
					30	-3.30	-0.00403	PASS
					40	-3.62	-0.00442	PASS
					50	-3.09	-0.00377	PASS
			HCH	VN	-30	0.74	0.0009	PASS
					-20	0.86	0.00105	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	0.11	0.00013	PASS
					0	1.99	0.00242	PASS
					10	0.13	0.00016	PASS
					20	0.34	0.00041	PASS
					30	0.24	0.00029	PASS
					40	1.72	0.00209	PASS
					50	1.44	0.00175	PASS
		10	LCH/ MCH/ HCH	VN	-30	-3.58	-0.00437	PASS
					-20	-2.83	-0.00346	PASS
					-10	-3.32	-0.00405	PASS
					0	-2.82	-0.00344	PASS
					10	-4.78	-0.00584	PASS
					20	-2.90	-0.00354	PASS
					30	-1.89	-0.00231	PASS
					40	-2.80	-0.00342	PASS
					50	-2.10	-0.00256	PASS
	LTE/TM2	1.4	LCH	VN	-30	-0.72	-0.00088	PASS
					-20	-1.87	-0.0023	PASS
					-10	-1.44	-0.00177	PASS
					0	-0.44	-0.00054	PASS
					10	-0.49	-0.0006	PASS
					20	-0.77	-0.00095	PASS
					30	-1.26	-0.00155	PASS
					40	-2.92	-0.00358	PASS
					50	-3.35	-0.00411	PASS
			MCH	VN	-30	-3.33	-0.00407	PASS
					-20	-3.53	-0.00431	PASS
					-10	-4.12	-0.00503	PASS
					0	-4.18	-0.0051	PASS
					10	-3.25	-0.00397	PASS
					20	-2.16	-0.00264	PASS
					30	-2.50	-0.00305	PASS
					40	-2.25	-0.00275	PASS
					50	-1.96	-0.00239	PASS
			HCH	VN	-30	1.13	0.00137	PASS
					-20	-0.03	-0.00004	PASS
					-10	0.07	0.00009	PASS
					0	0.83	0.00101	PASS
					10	0.74	0.0009	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	0.82	0.001	PASS
					30	-0.74	-0.0009	PASS
					40	0.29	0.00035	PASS
					50	1.30	0.00158	PASS
		3	LCH	VN	-30	2.50	0.00307	PASS
					-20	0.13	0.00016	PASS
					-10	1.53	0.00188	PASS
					0	2.93	0.00359	PASS
					10	0.33	0.0004	PASS
					20	0.20	0.00025	PASS
					30	-1.00	-0.00123	PASS
					40	1.32	0.00162	PASS
					50	0.86	0.00105	PASS
			MCH	VN	-30	-3.73	-0.00455	PASS
					-20	-1.79	-0.00219	PASS
					-10	-2.50	-0.00305	PASS
					0	-1.22	-0.00149	PASS
					10	-4.29	-0.00524	PASS
					20	-3.96	-0.00484	PASS
					30	-3.79	-0.00463	PASS
					40	-3.06	-0.00374	PASS
					50	-3.56	-0.00435	PASS
			HCH	VN	-30	-2.79	-0.00339	PASS
					-20	-1.75	-0.00213	PASS
					-10	-2.85	-0.00347	PASS
					0	-1.47	-0.00179	PASS
					10	-3.09	-0.00376	PASS
					20	-1.57	-0.00191	PASS
					30	-2.06	-0.0025	PASS
					40	-1.36	-0.00165	PASS
					50	-2.15	-0.00261	PASS
		5	LCH	VN	-30	-2.37	-0.0029	PASS
					-20	-2.79	-0.00342	PASS
					-10	-2.45	-0.003	PASS
					0	-1.56	-0.00191	PASS
					10	-1.34	-0.00164	PASS
					20	-2.79	-0.00342	PASS
					30	-2.19	-0.00268	PASS
					40	-1.43	-0.00175	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-2.92	-0.00358	PASS
			MCH	VN	-30	-0.86	-0.00105	PASS
					-20	-2.02	-0.00247	PASS
					-10	-3.52	-0.0043	PASS
					0	-2.49	-0.00304	PASS
					10	-2.56	-0.00313	PASS
					20	-3.12	-0.00381	PASS
					30	-2.98	-0.00364	PASS
					40	-3.45	-0.00421	PASS
					50	-2.52	-0.00308	PASS
			HCH	VN	-30	0.34	0.00041	PASS
					-20	-0.93	-0.00113	PASS
					-10	1.00	0.00122	PASS
					0	0.46	0.00056	PASS
					10	0.99	0.00121	PASS
					20	0.77	0.00094	PASS
					30	-0.04	-0.00005	PASS
					40	0.11	0.00013	PASS
					50	1.54	0.00187	PASS
		10	LCH/ MCH/ HCH	VN	-30	-4.08	-0.00498	PASS
					-20	-2.02	-0.00247	PASS
					-10	-2.88	-0.00352	PASS
					0	-3.81	-0.00465	PASS
					10	-4.32	-0.00527	PASS
					20	-3.83	-0.00468	PASS
					30	-3.15	-0.00385	PASS
					40	-3.36	-0.0041	PASS
					50	-2.55	-0.00311	PASS

END