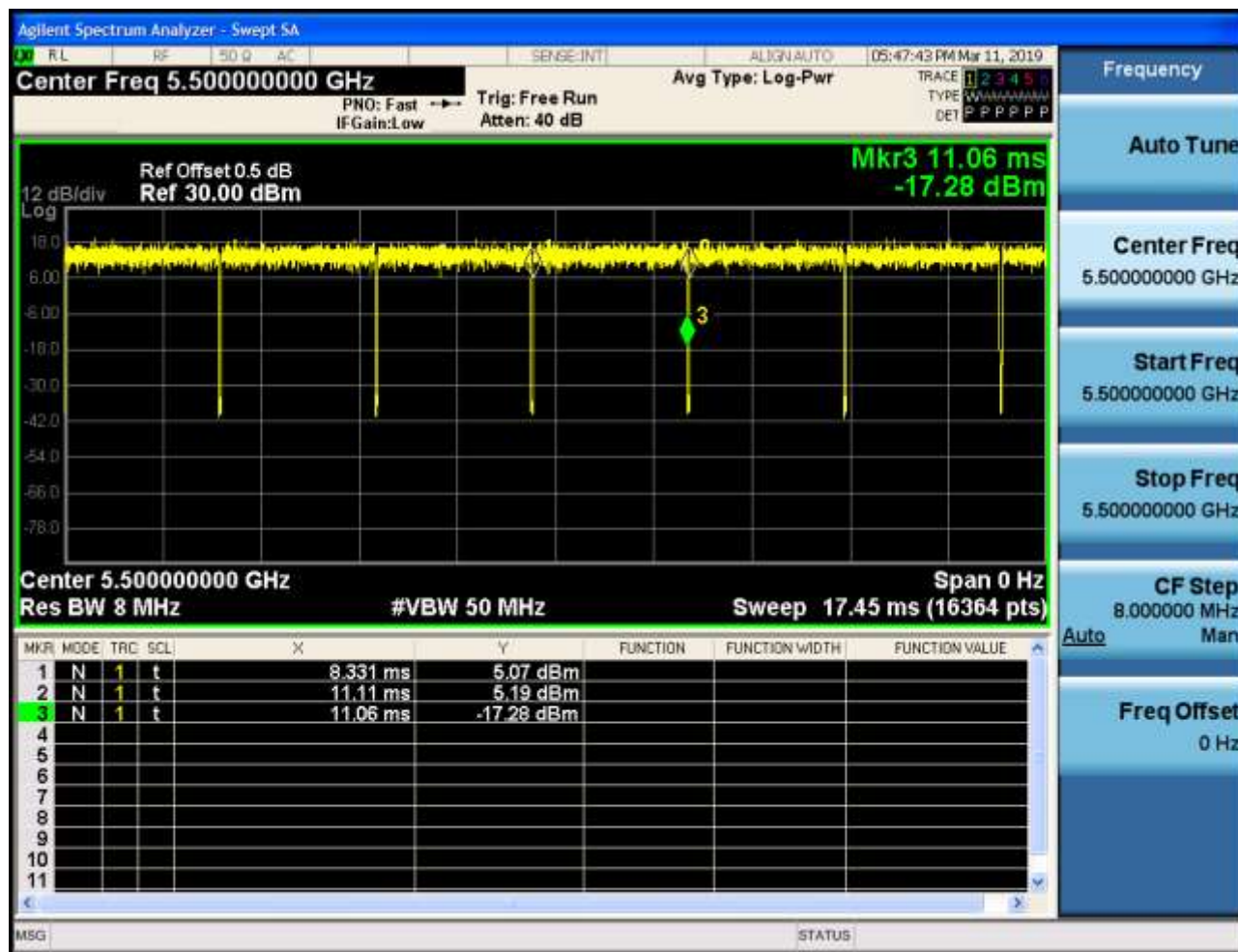
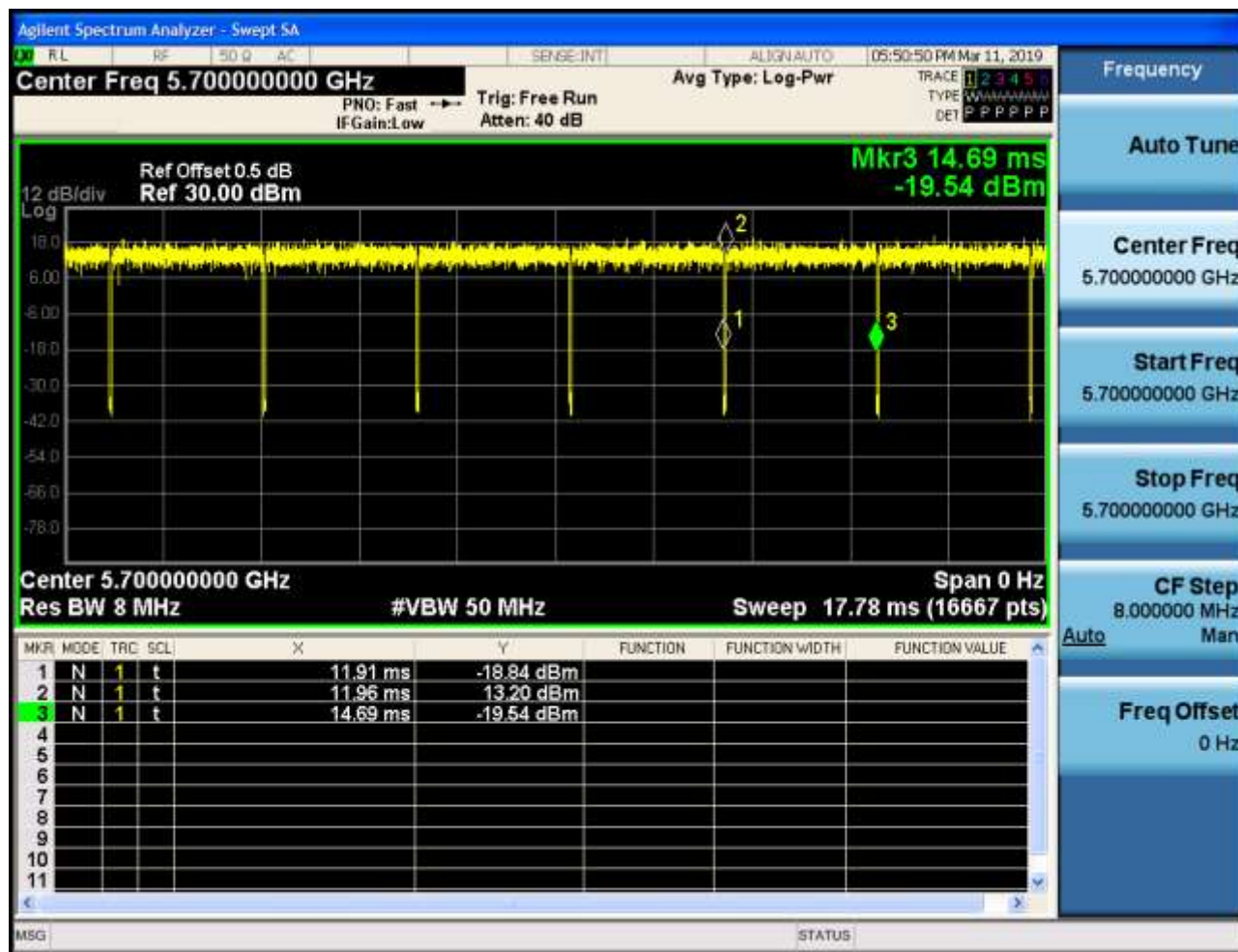




1.5 11A_Ant1_5500

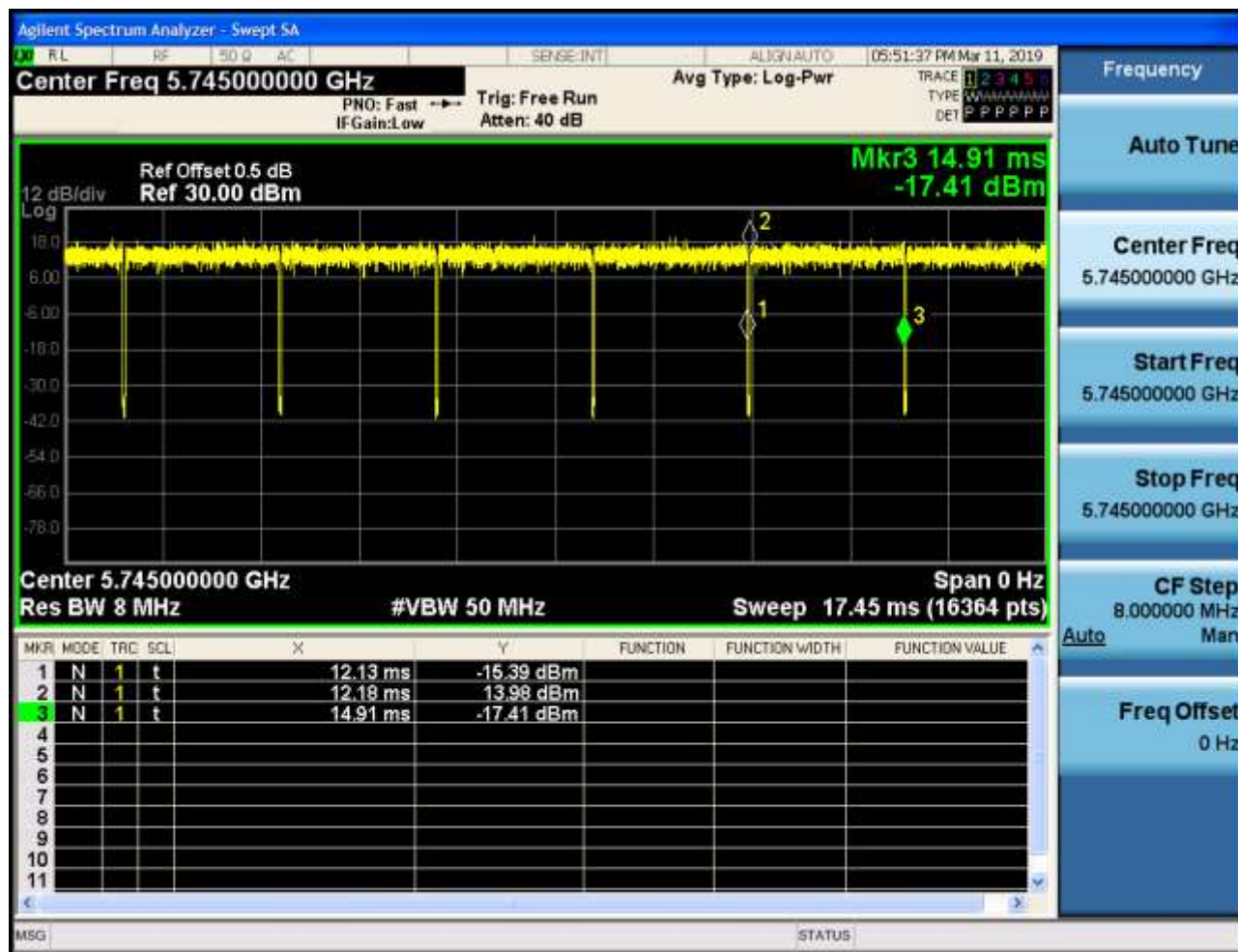


1.6 11A_Ant1_5700



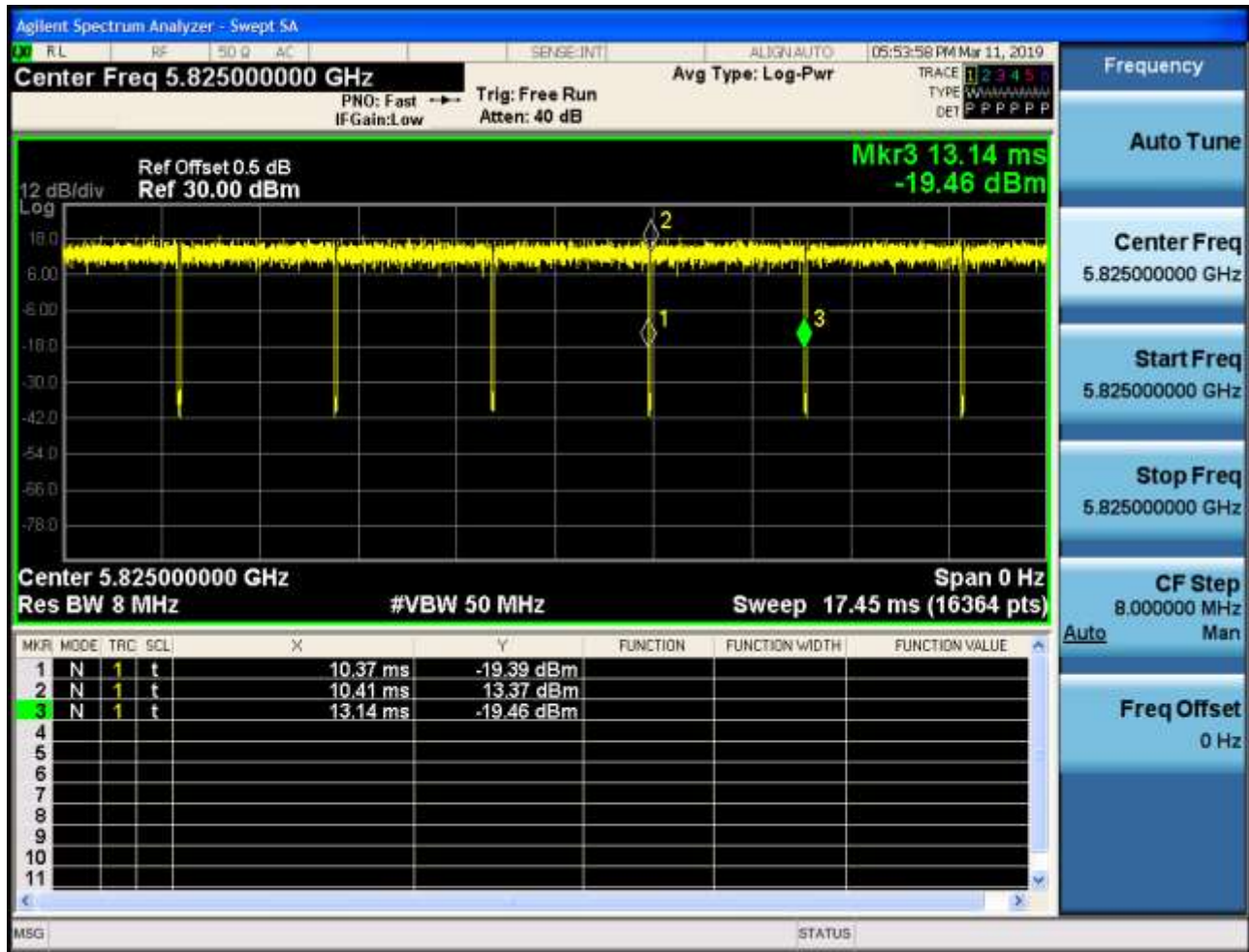


1.7 11A_Ant1_5745



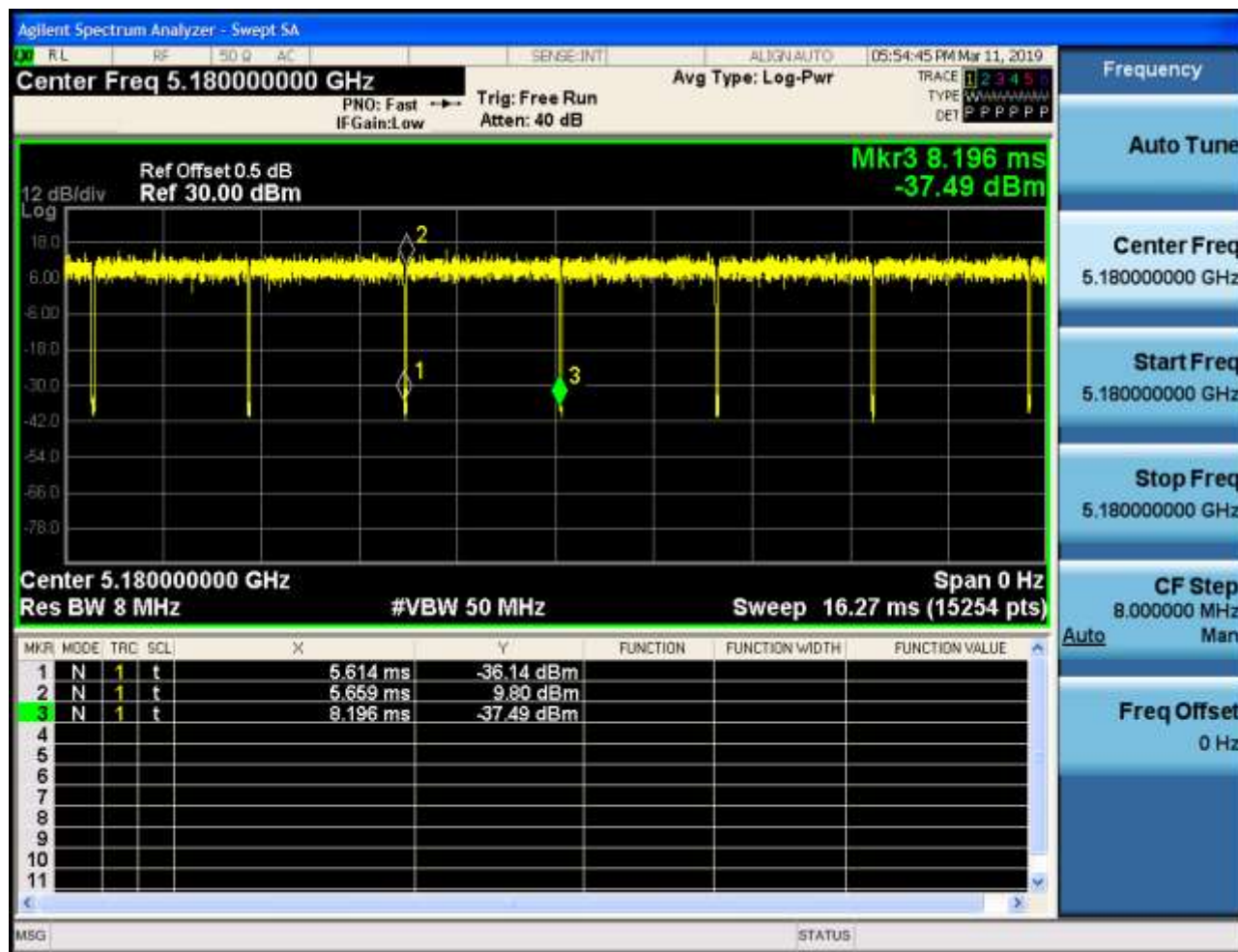


1.8 11A_Ant1_5825



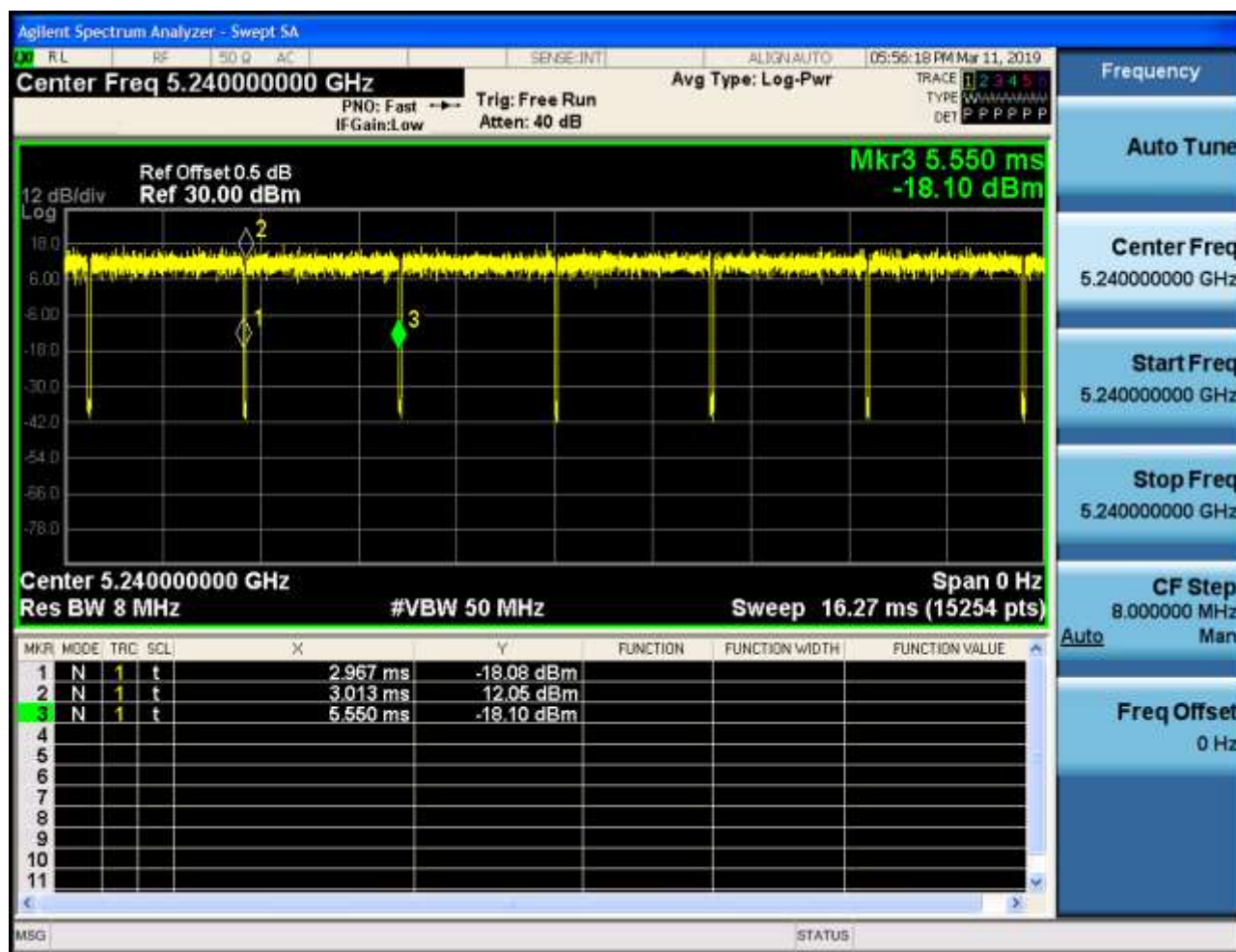


1.9 11N20SISO_Ant1_5180



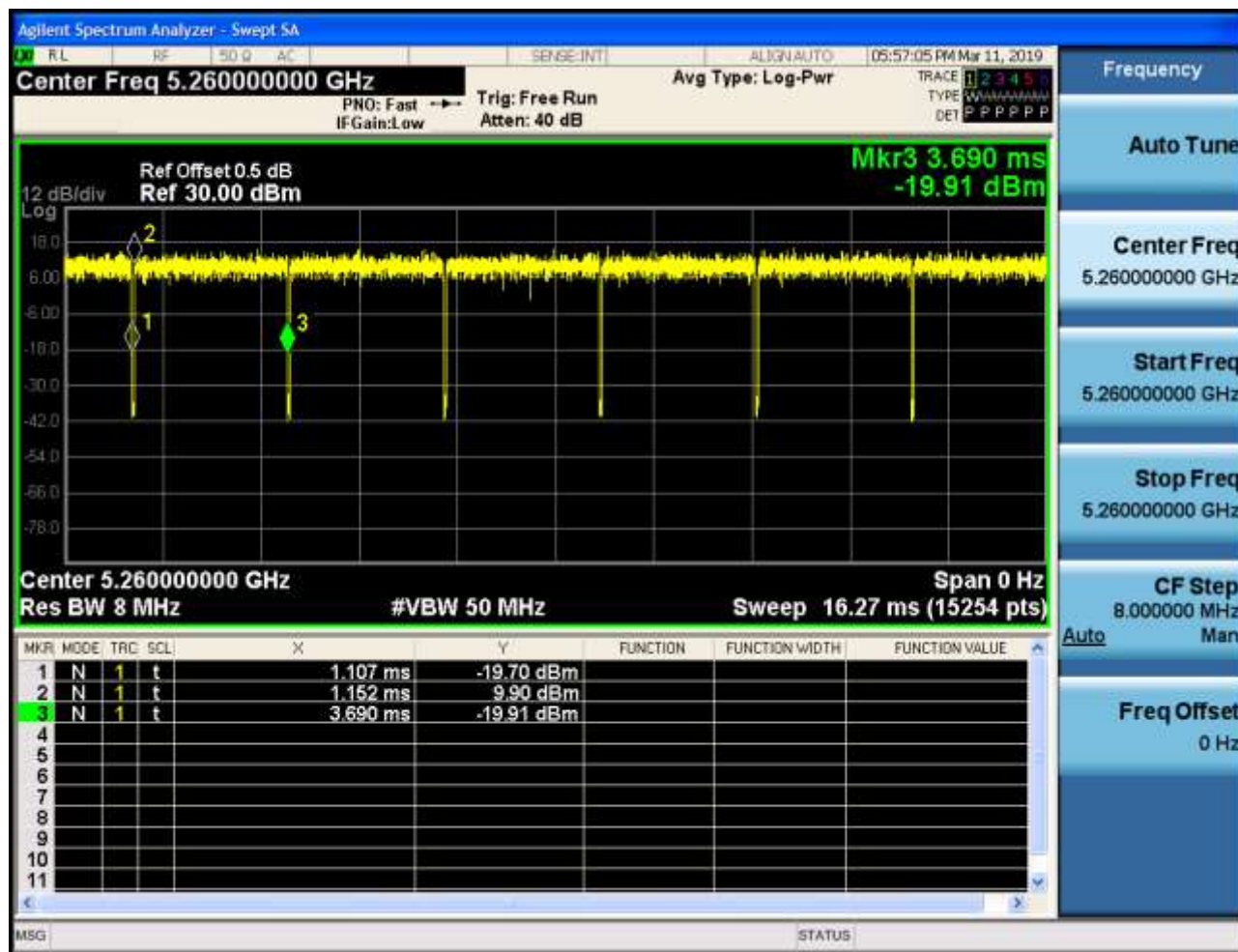


1.10 11N20SISO_Ant1_5240

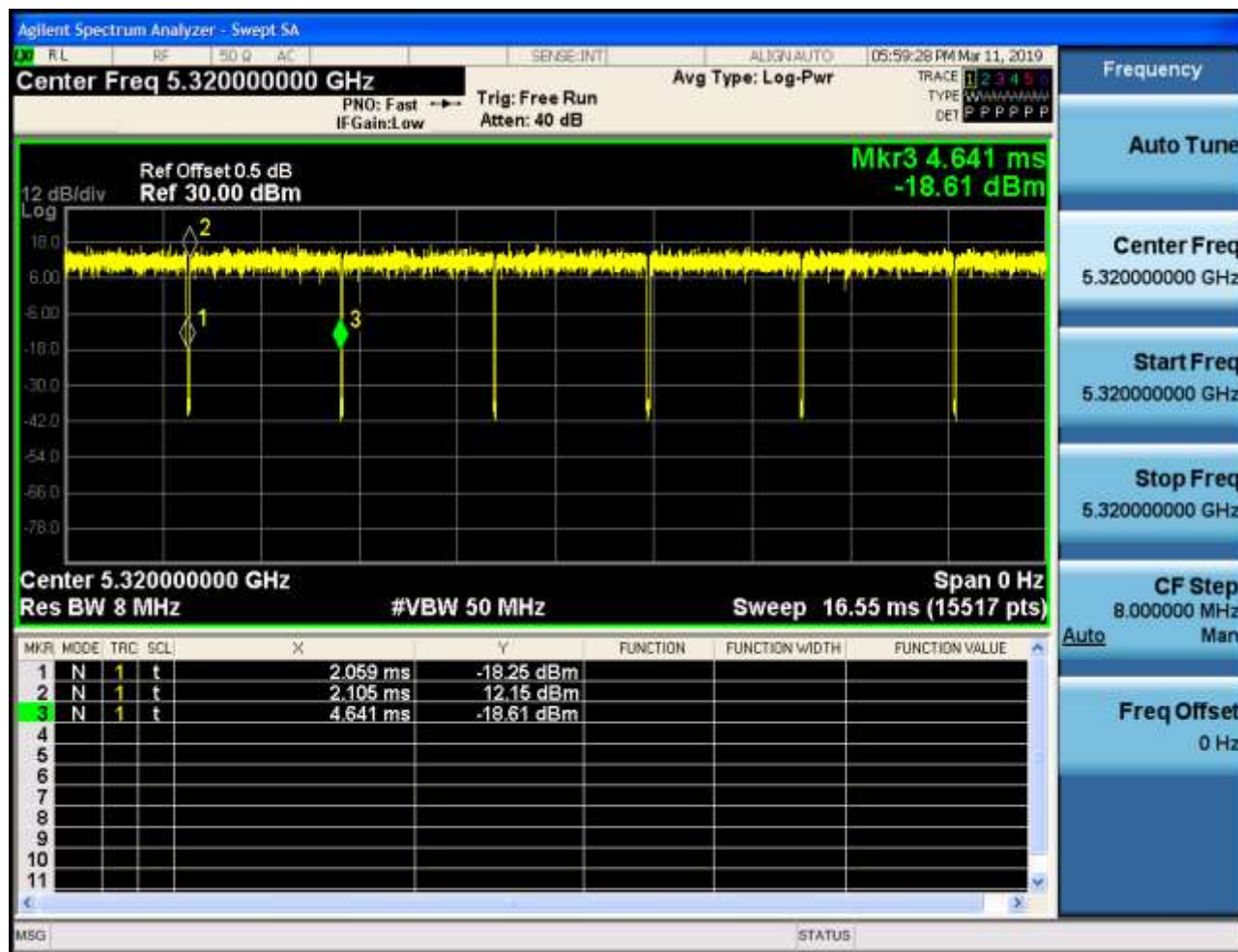




1.11 11N20SISO_Ant1_5260

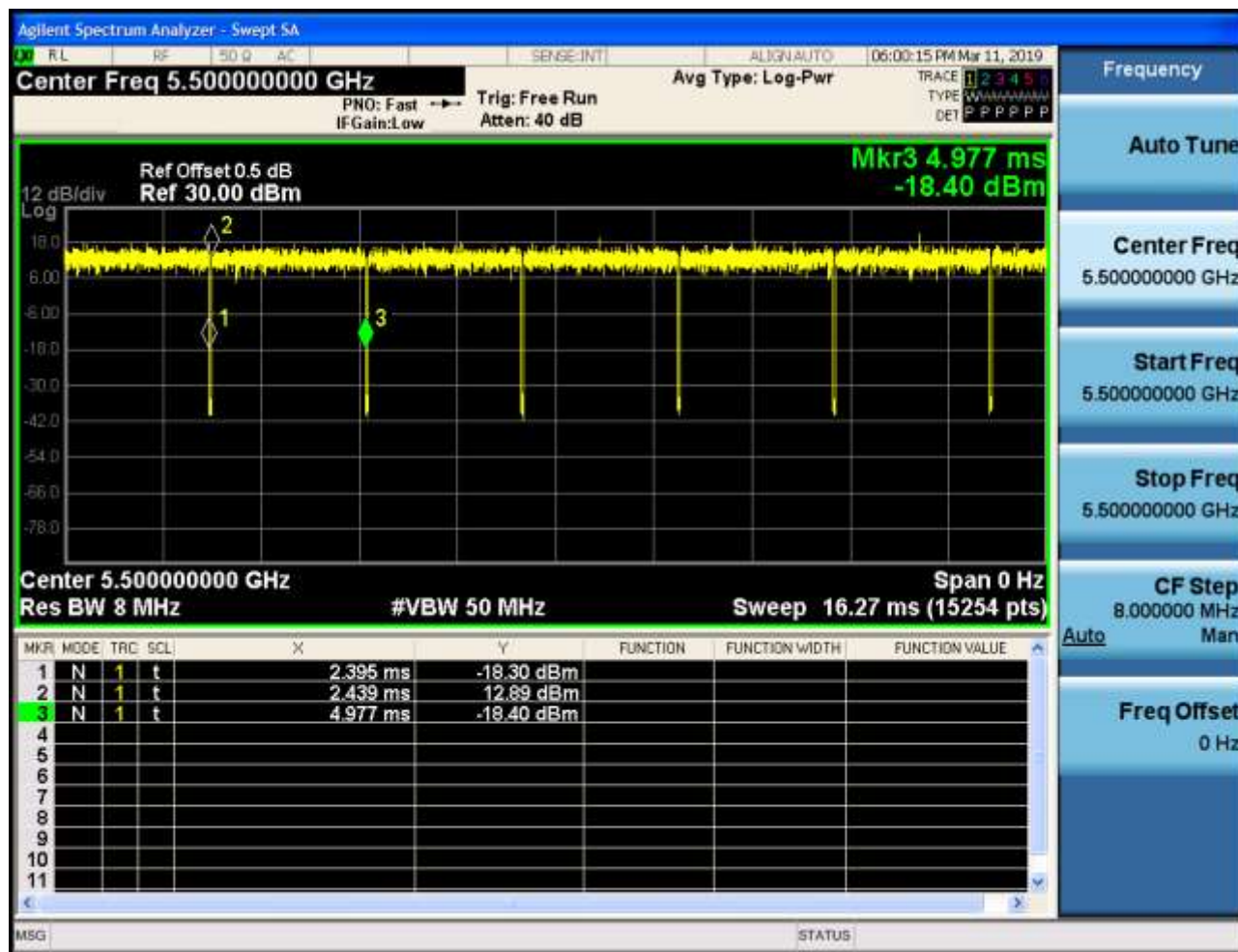


1.12 11N20SISO_Ant1_5320



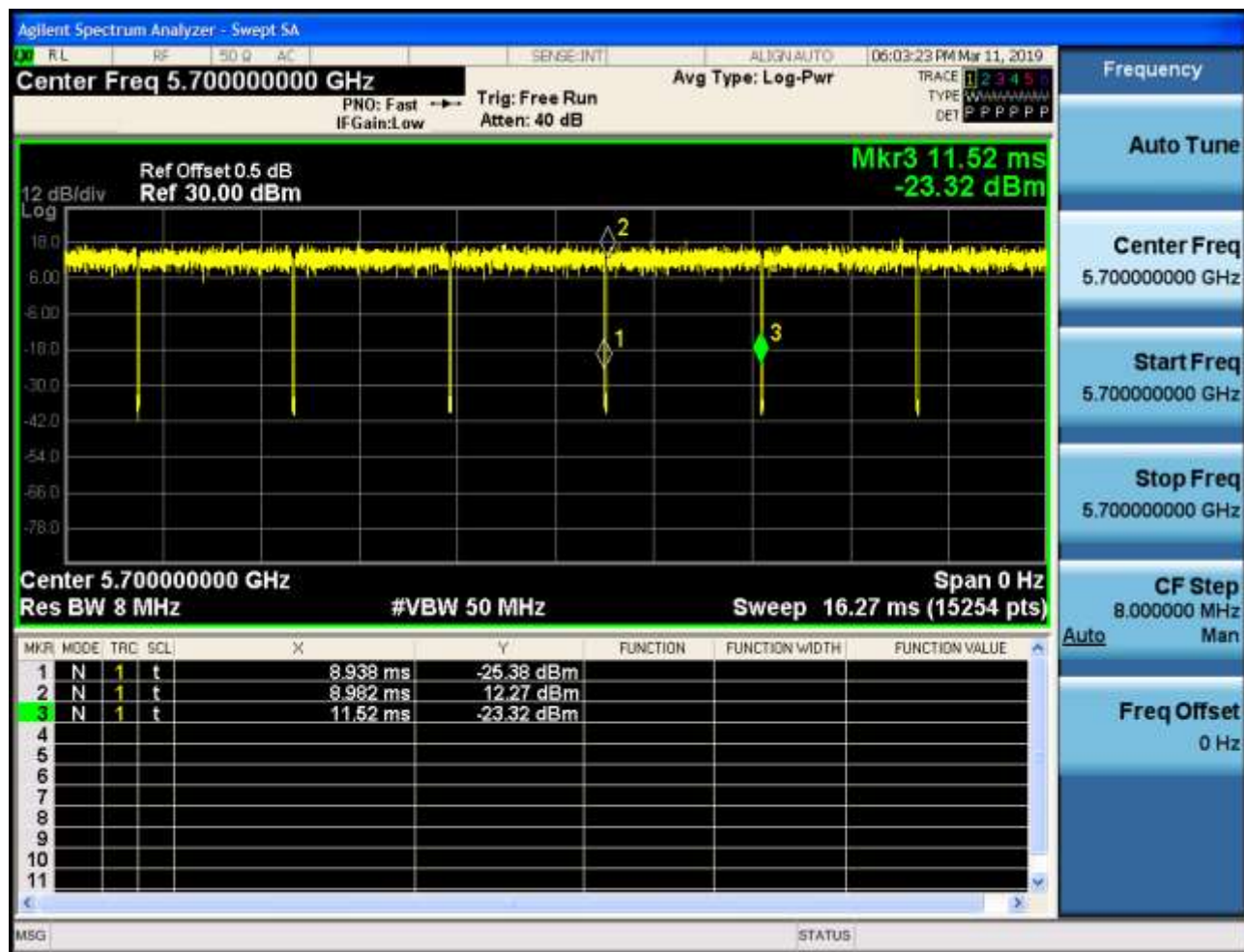


1.13 11N20SISO_Ant1_5500



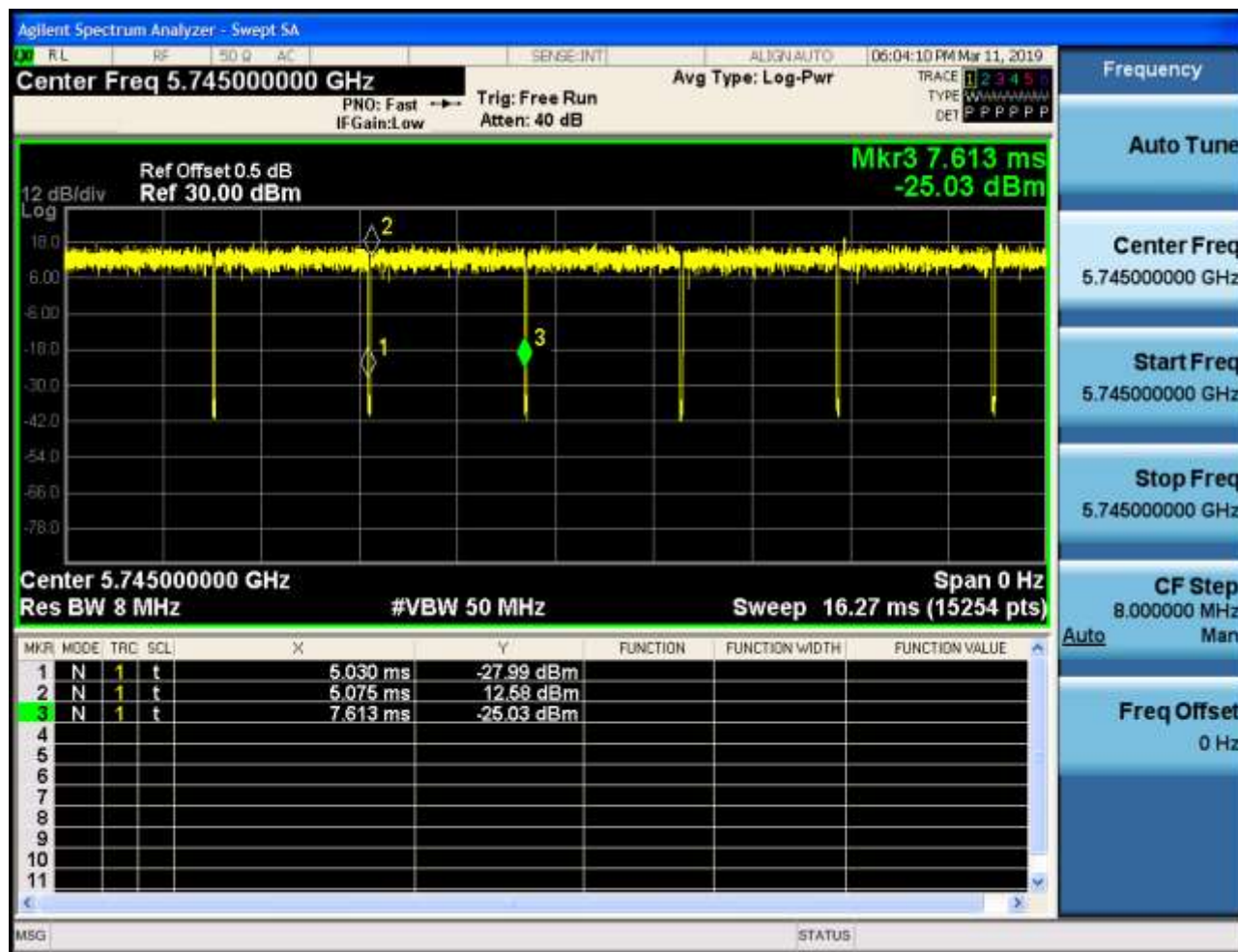


1.14 11N20SISO_Ant1_5700



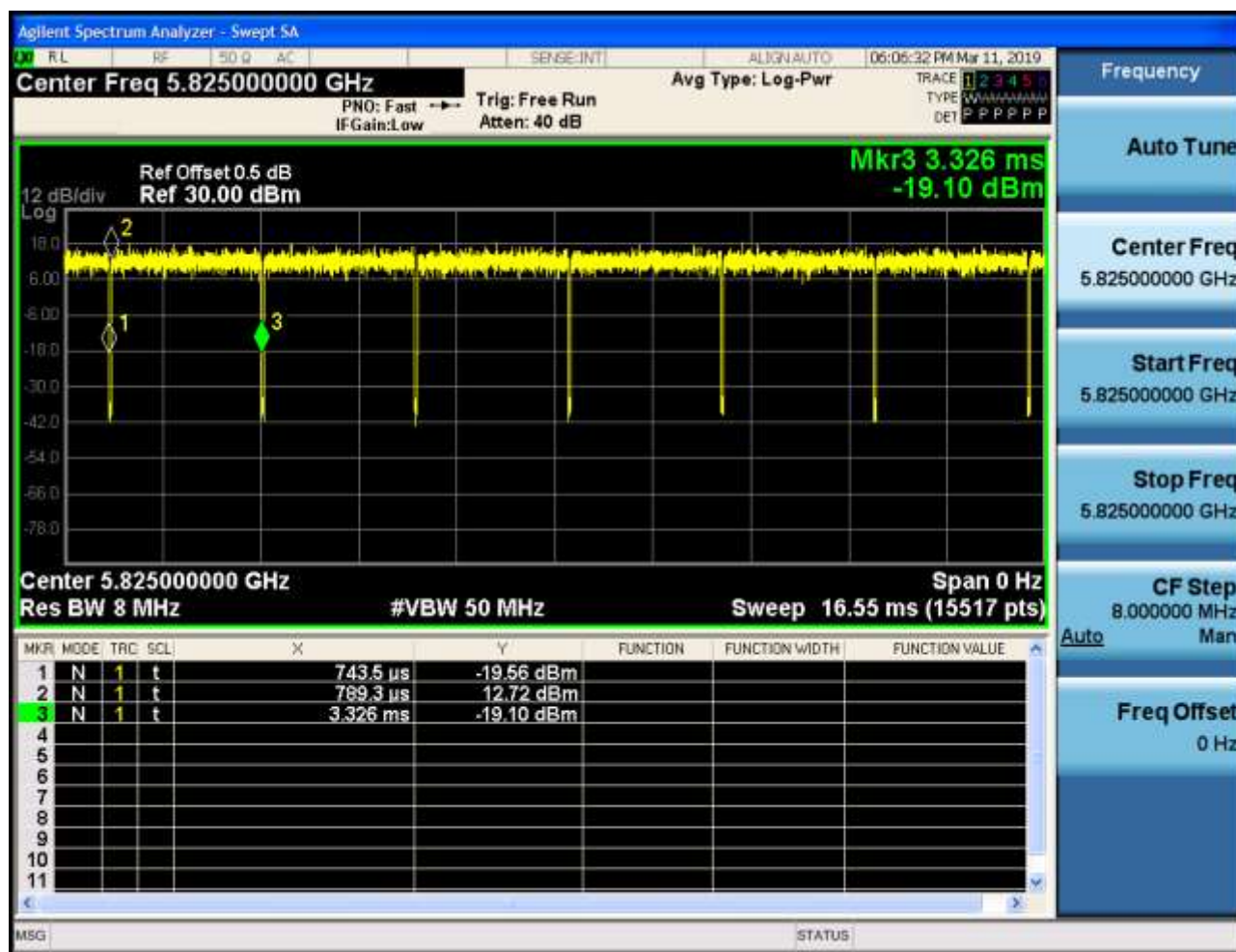


1.15 11N20SISO_Ant1_5745



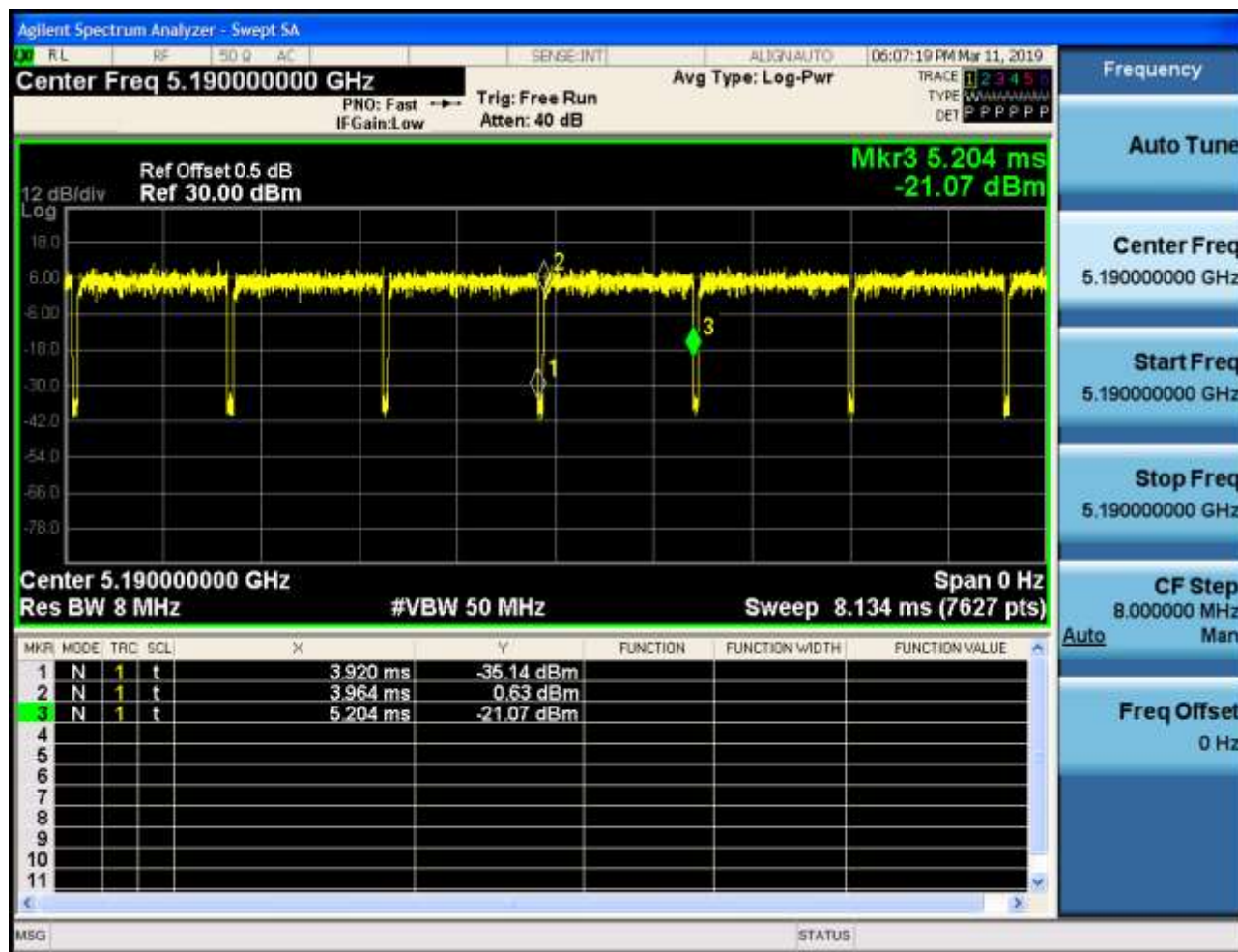


1.16 11N20SISO_Ant1_5825



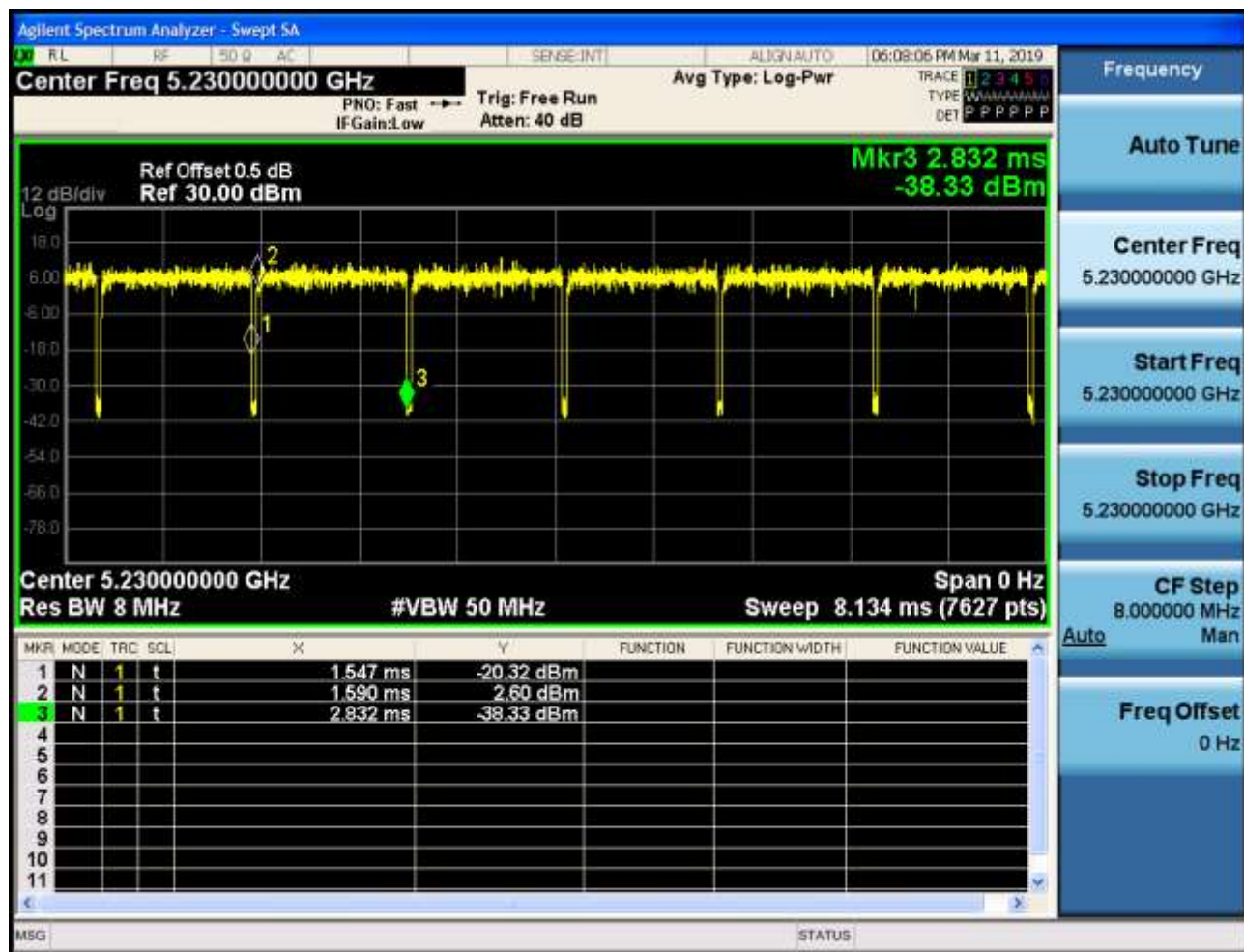


1.17 11N40SISO_Ant1_5190



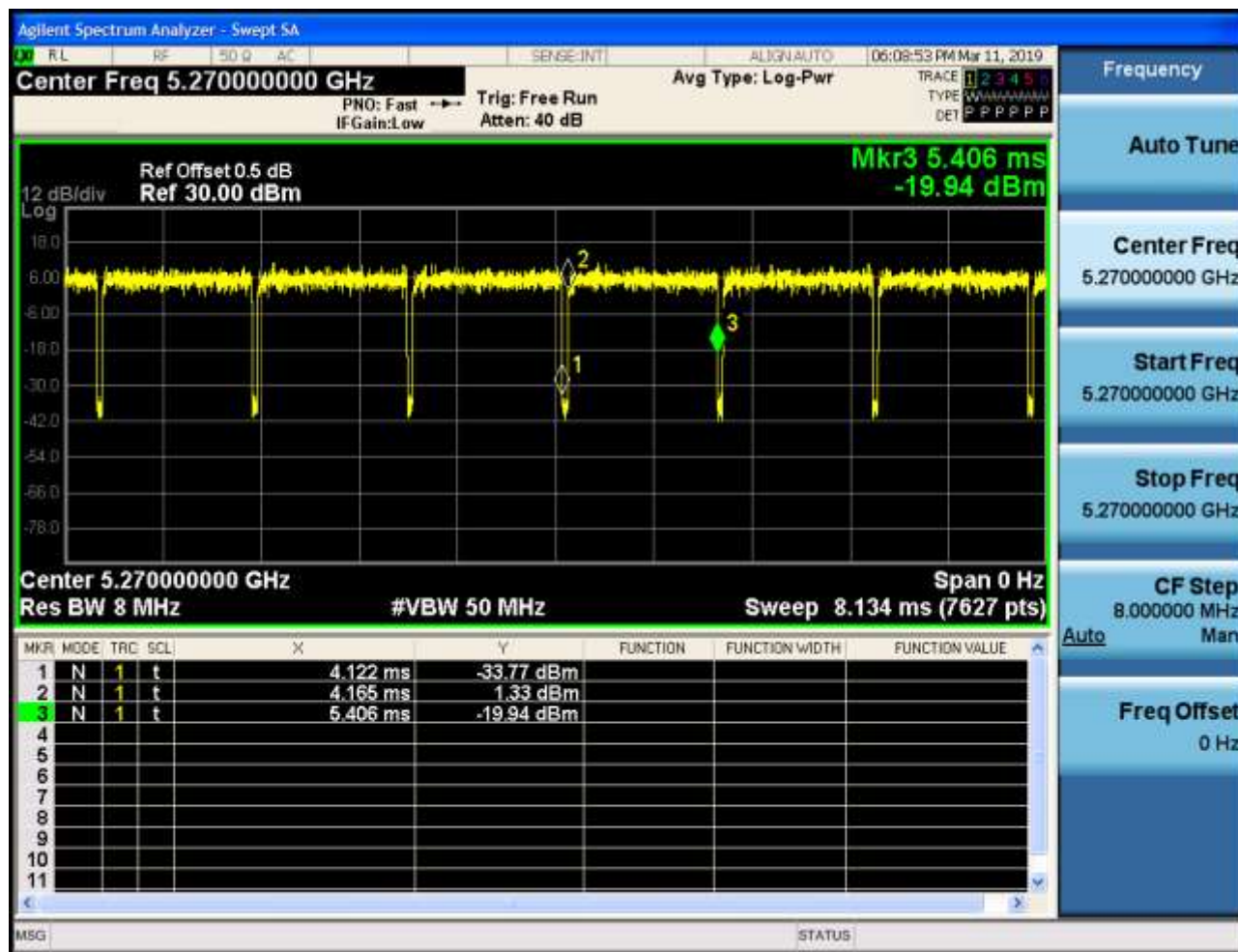


1.18 11N40SISO_Ant1_5230



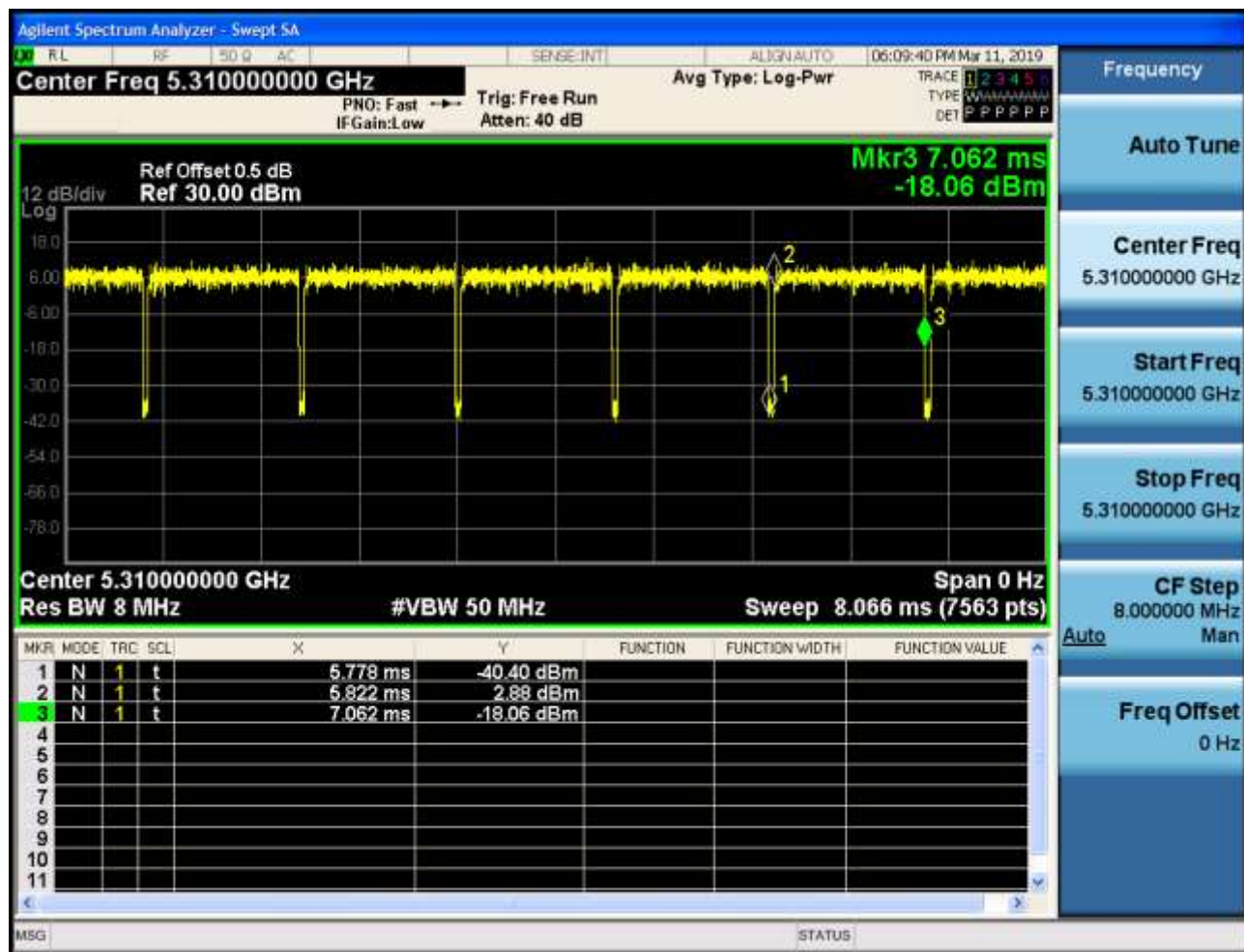


1.19 11N40SISO_Ant1_5270



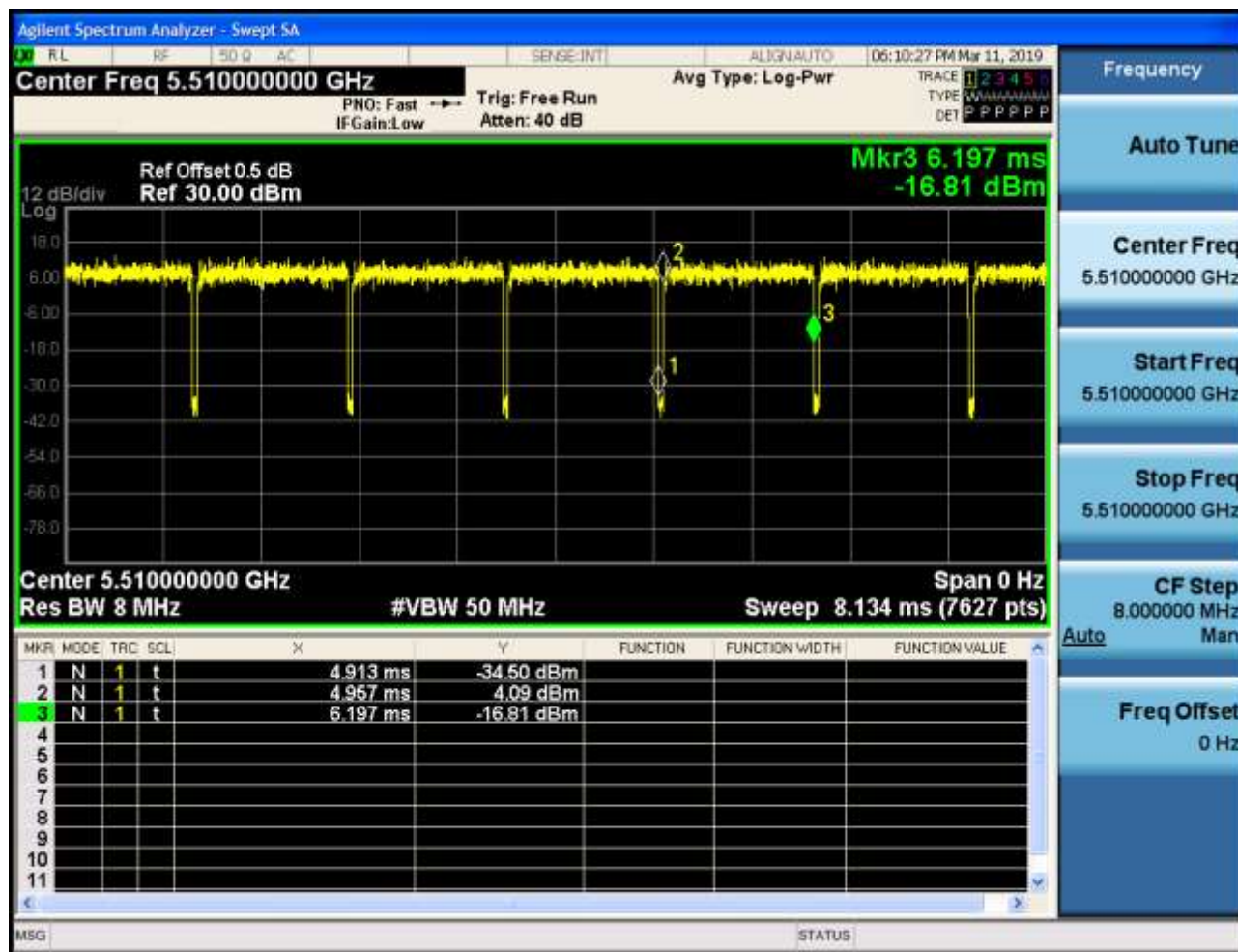


1.20 11N40SISO_Ant1_5310



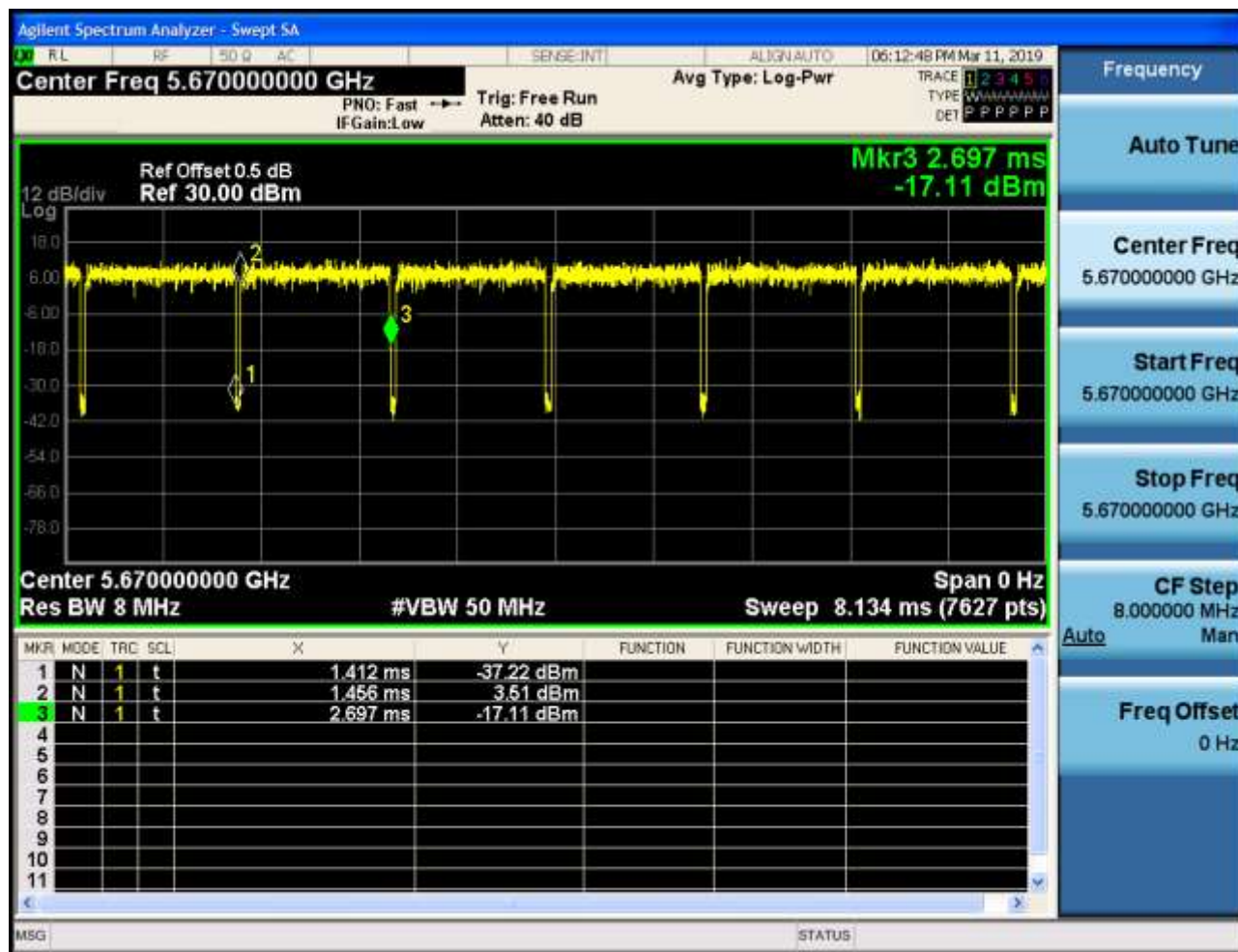


1.21 11N40SISO_Ant1_5510



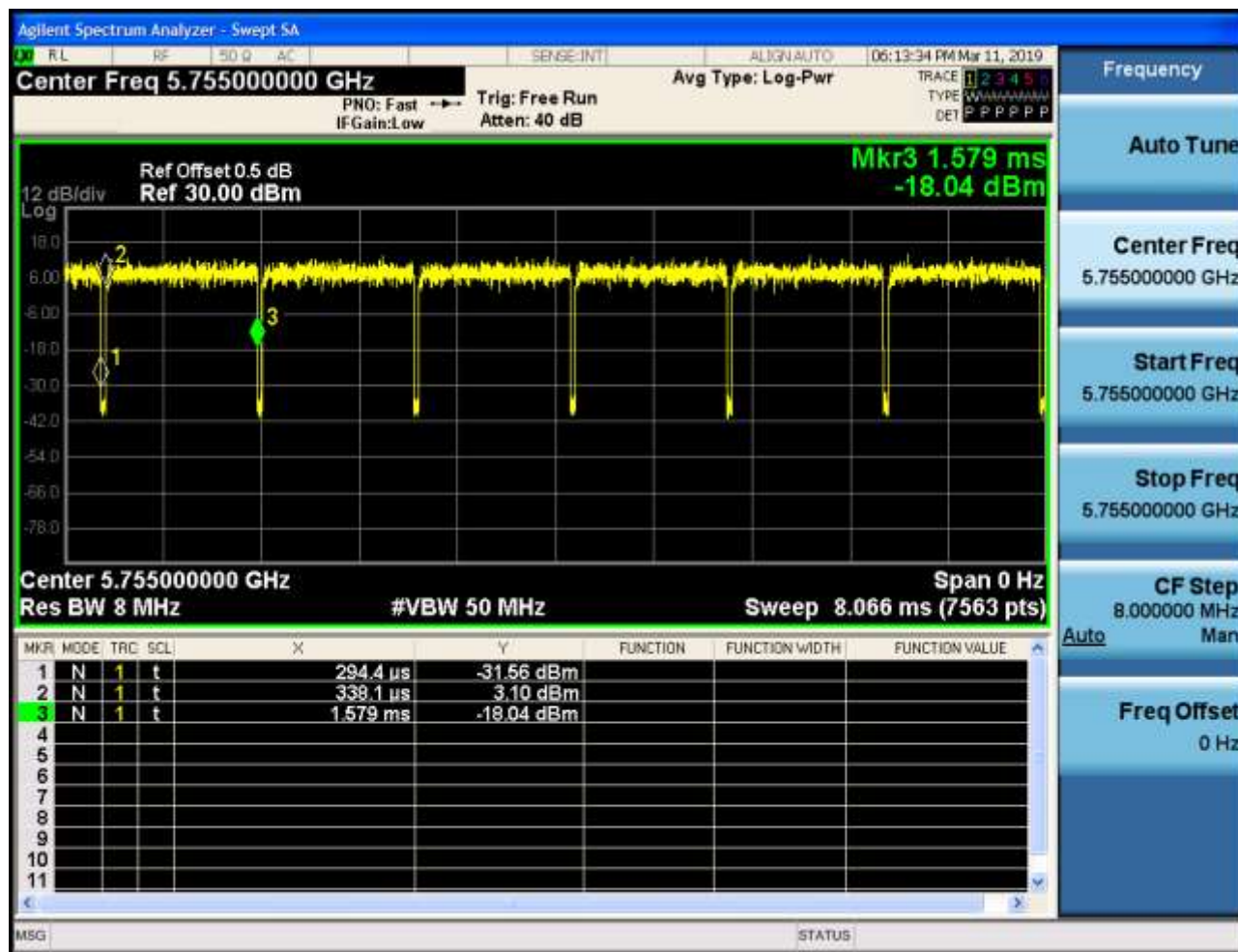


1.22 11N40SISO_Ant1_5670



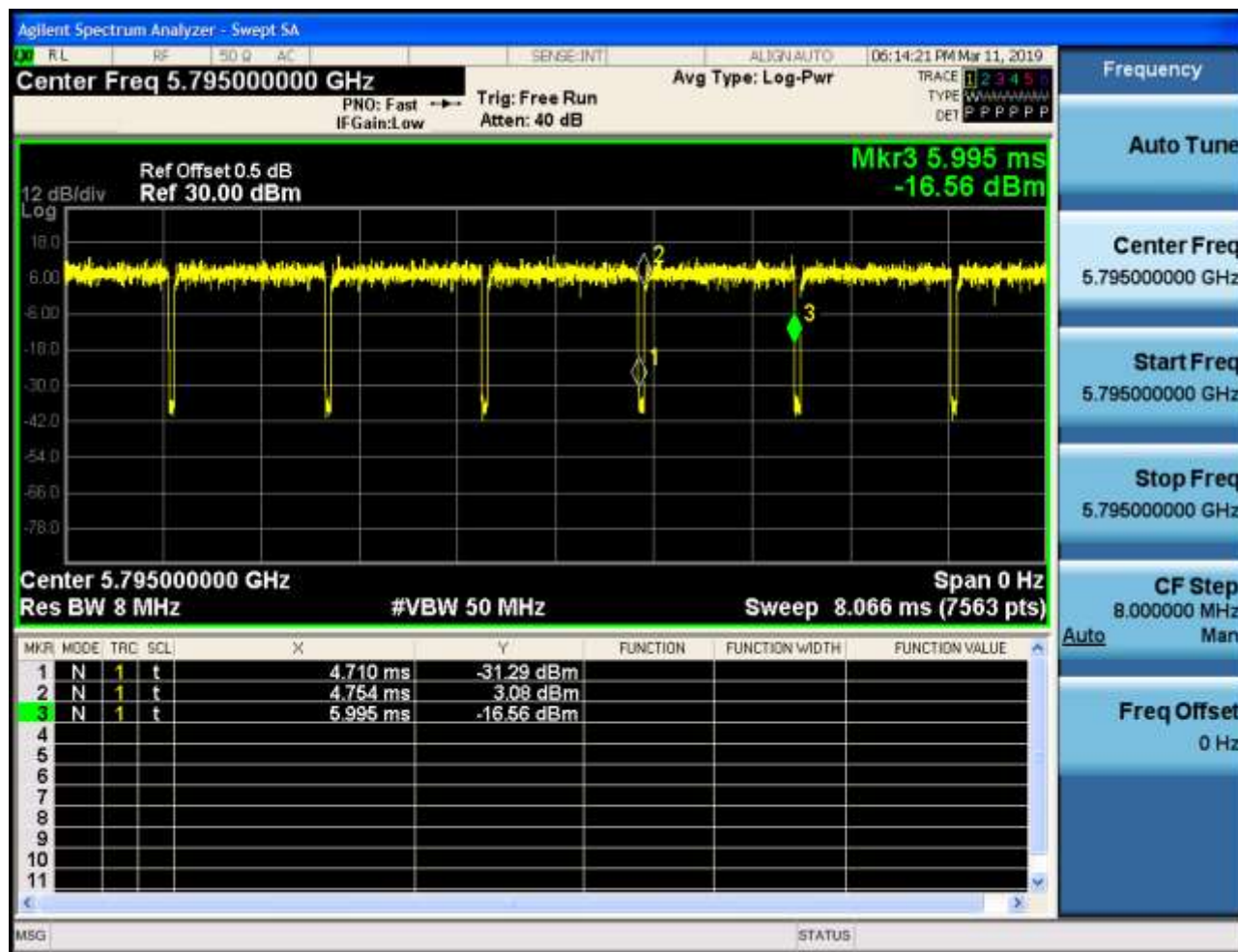


1.23 11N40SISO_Ant1_5755



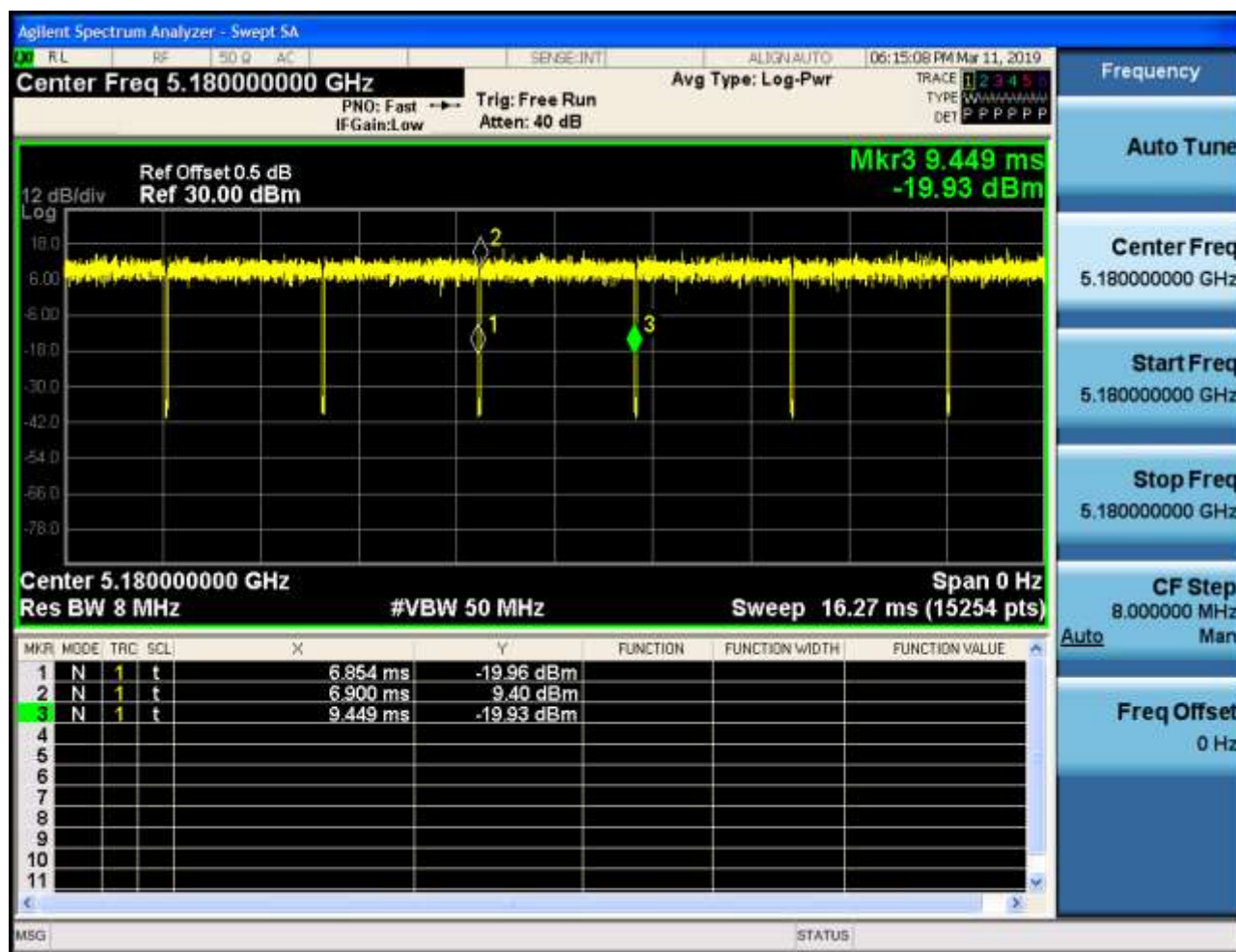


1.24 11N40SISO_Ant1_5795



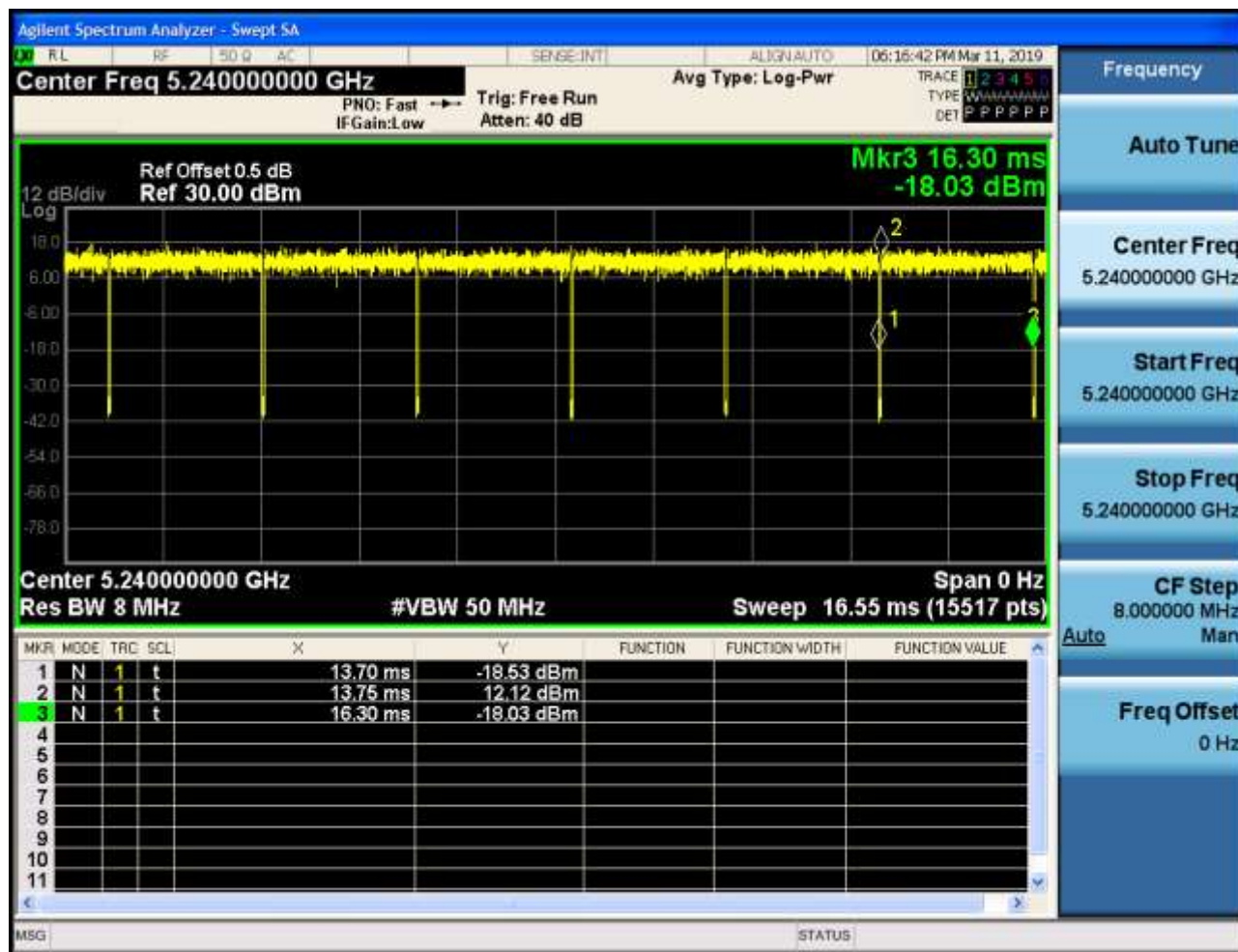


1.25 11AC20SISO_Ant1_5180



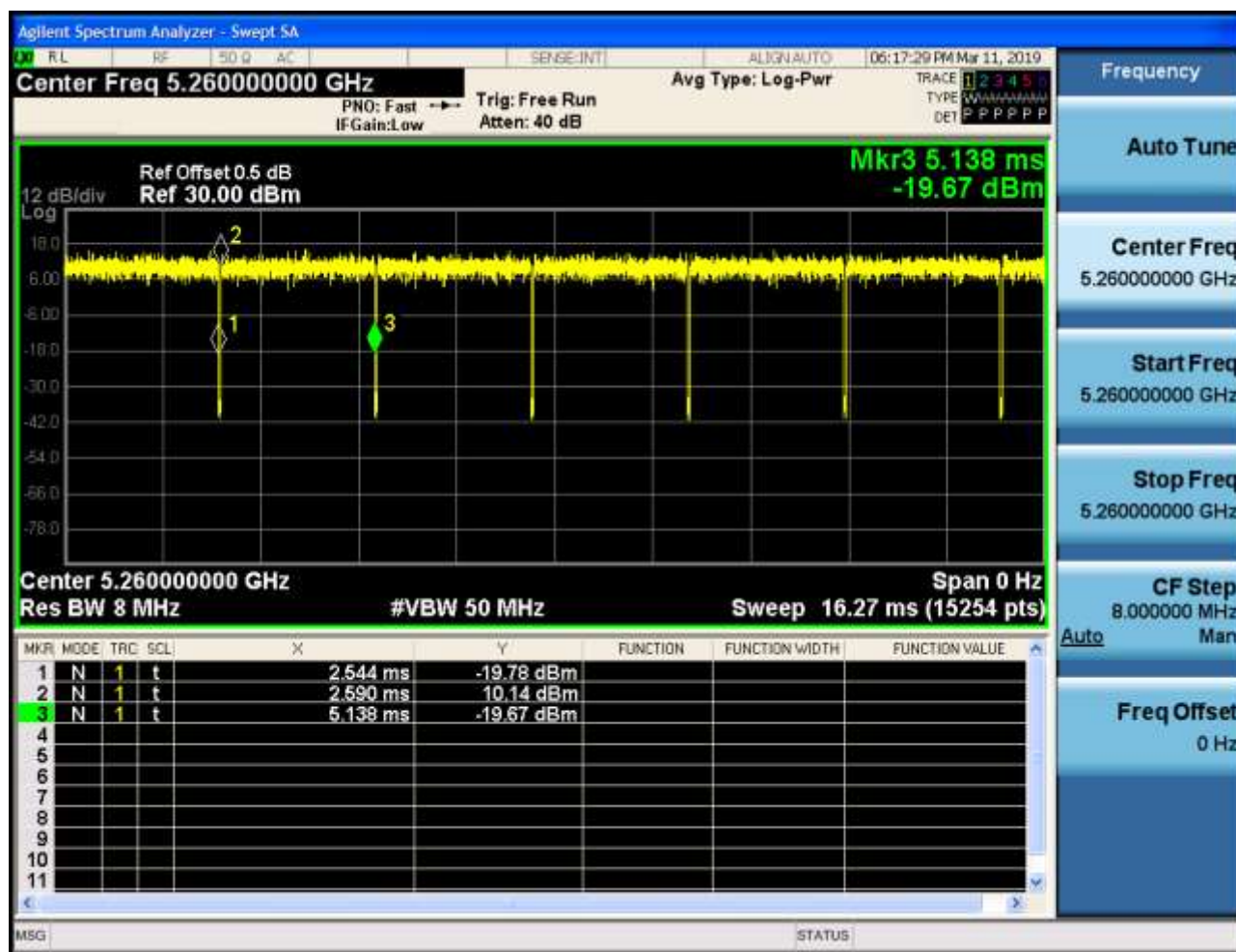


1.26 11AC20SISO_Ant1_5240



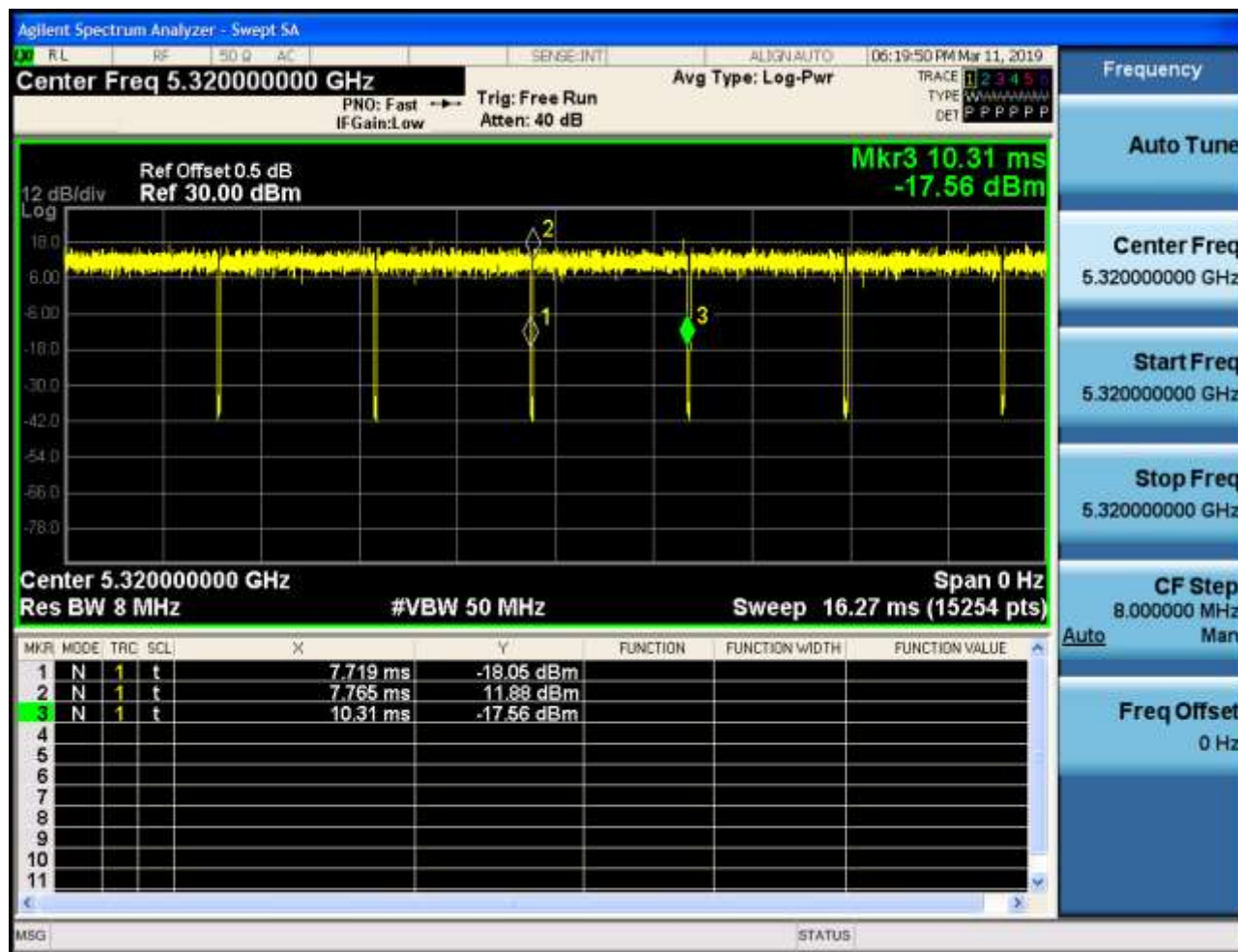


1.27 11AC20SISO_Ant1_5260



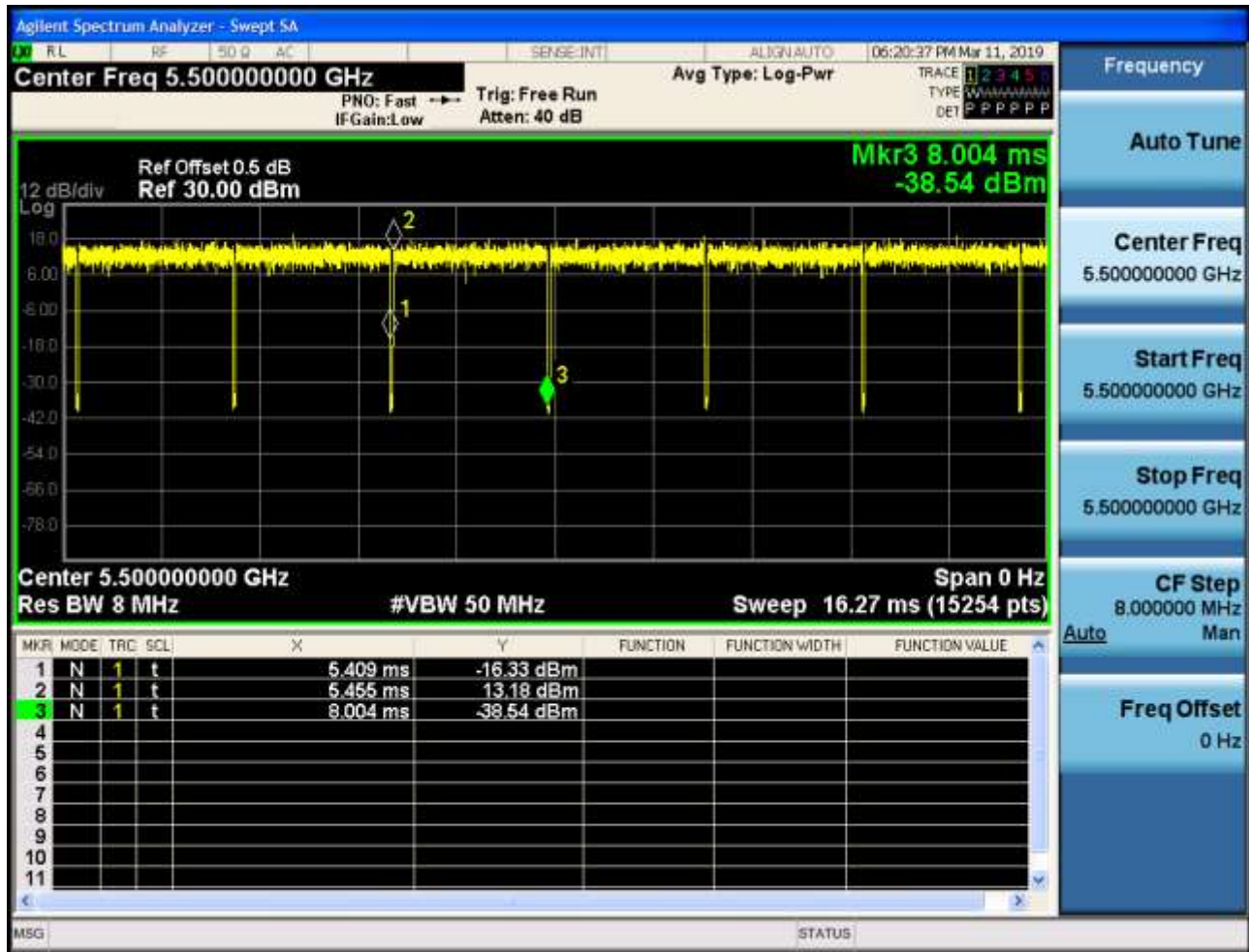


1.28 11AC20SISO_Ant1_5320



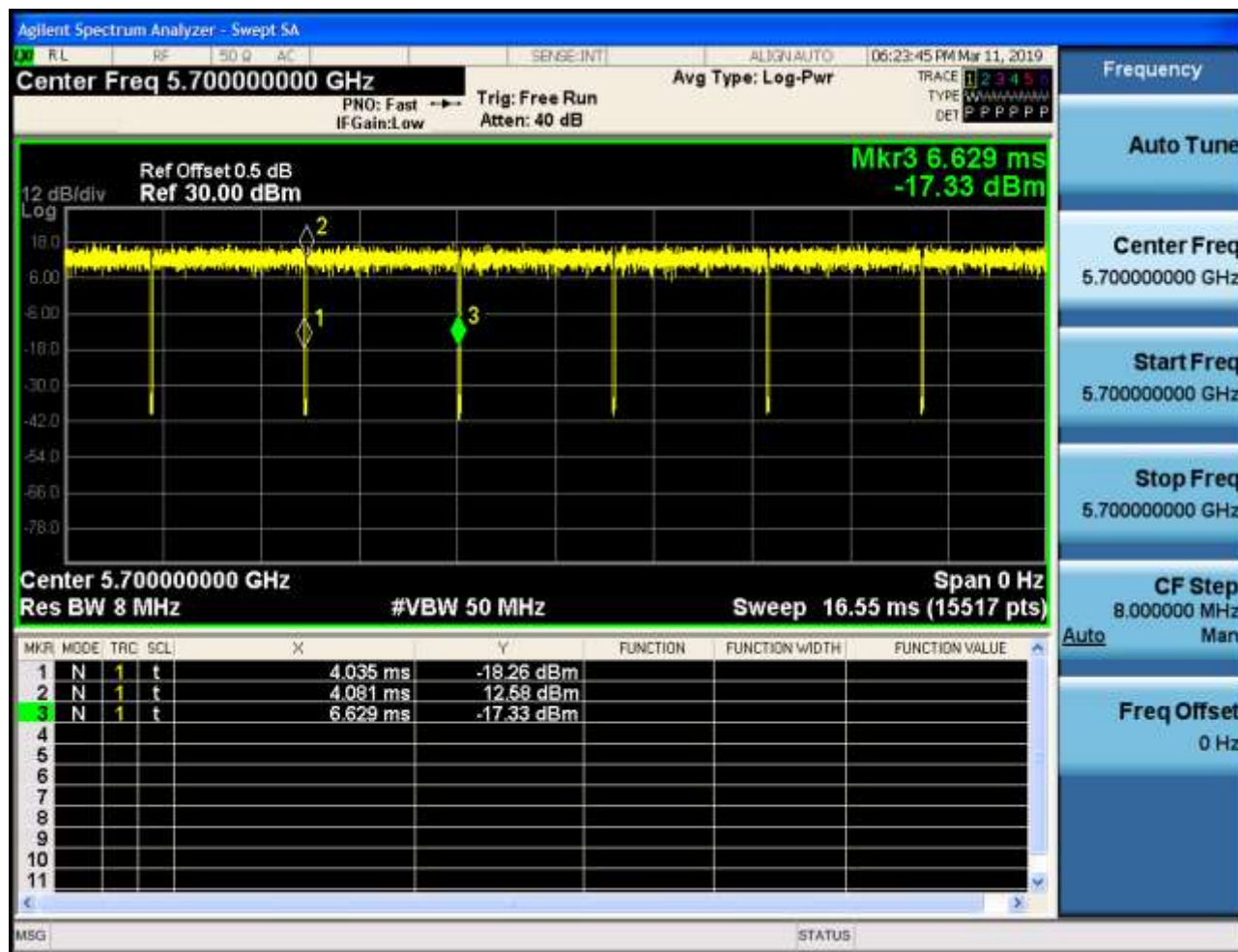


1.29 11AC20SISO_Ant1_5500



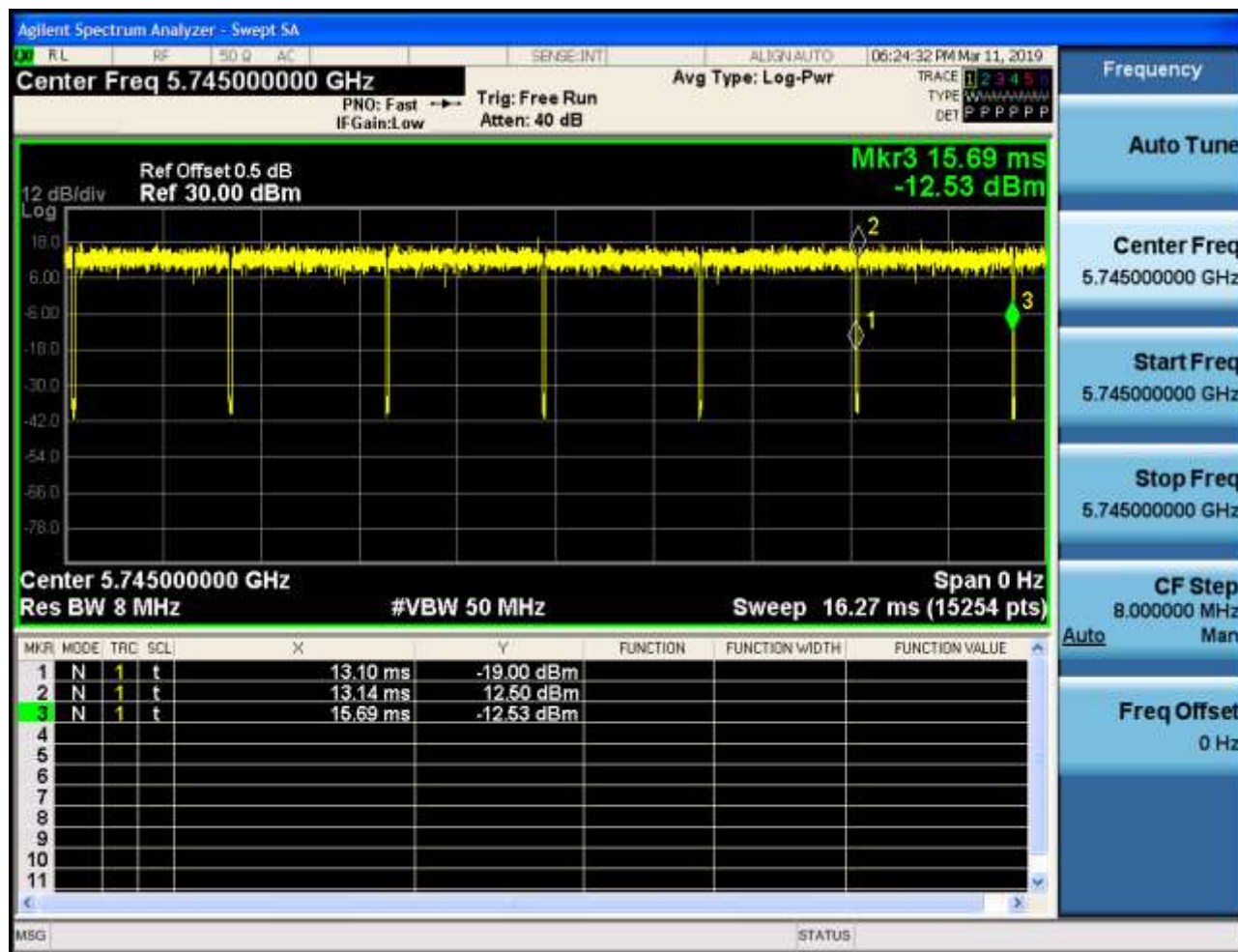


1.30 11AC20SISO_Ant1_5700



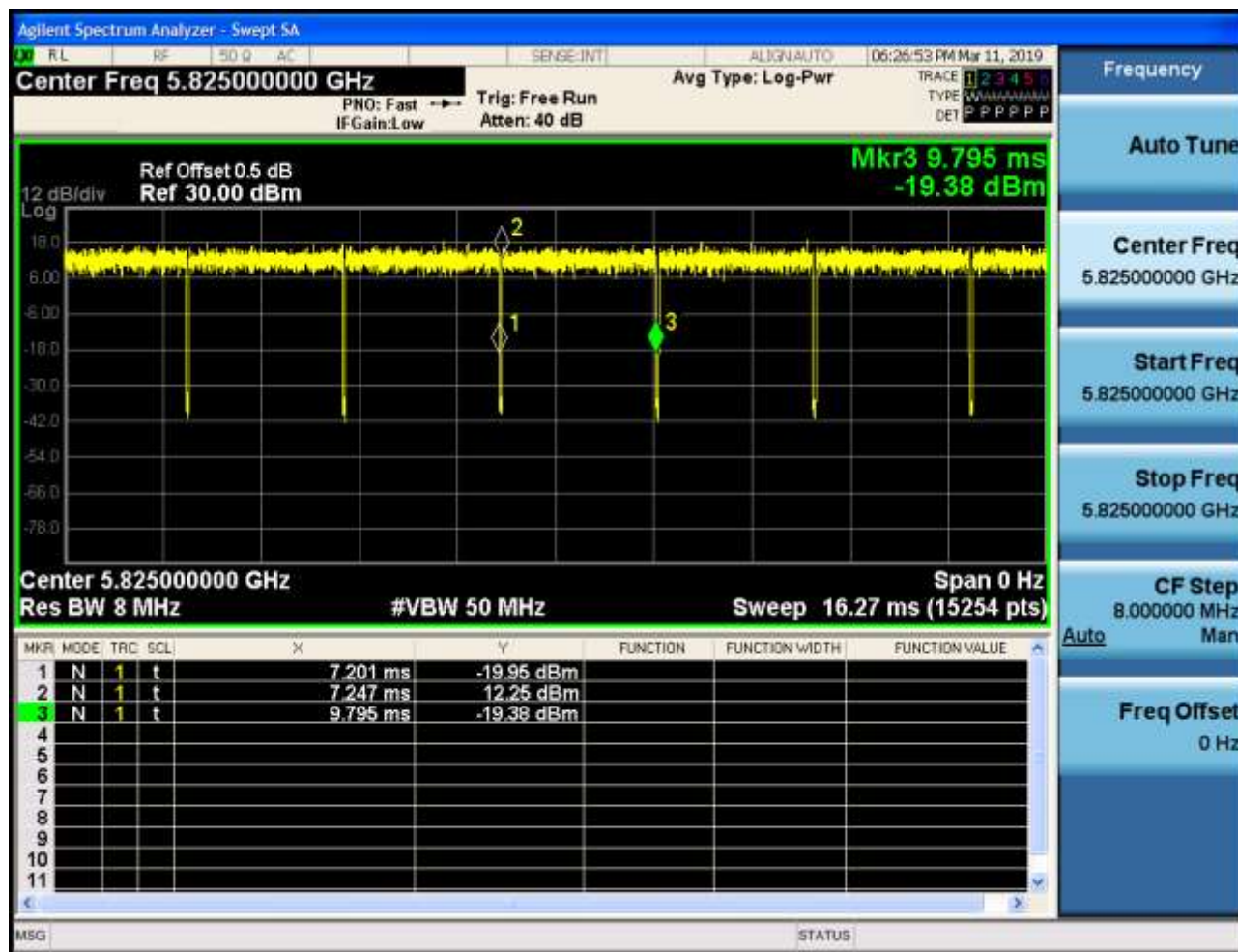


1.31 11AC20SISO_Ant1_5745

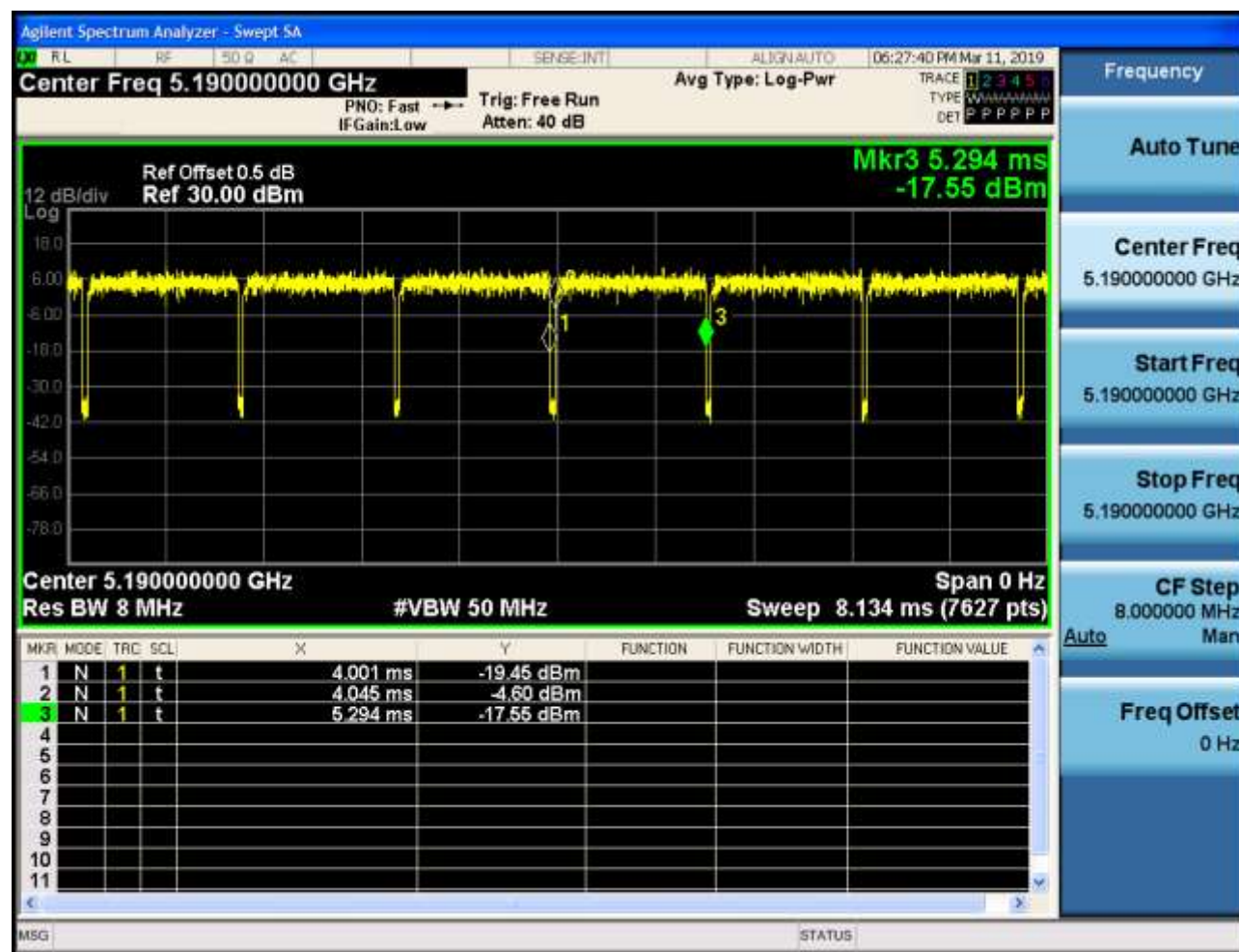




1.32 11AC20SISO_Ant1_5825

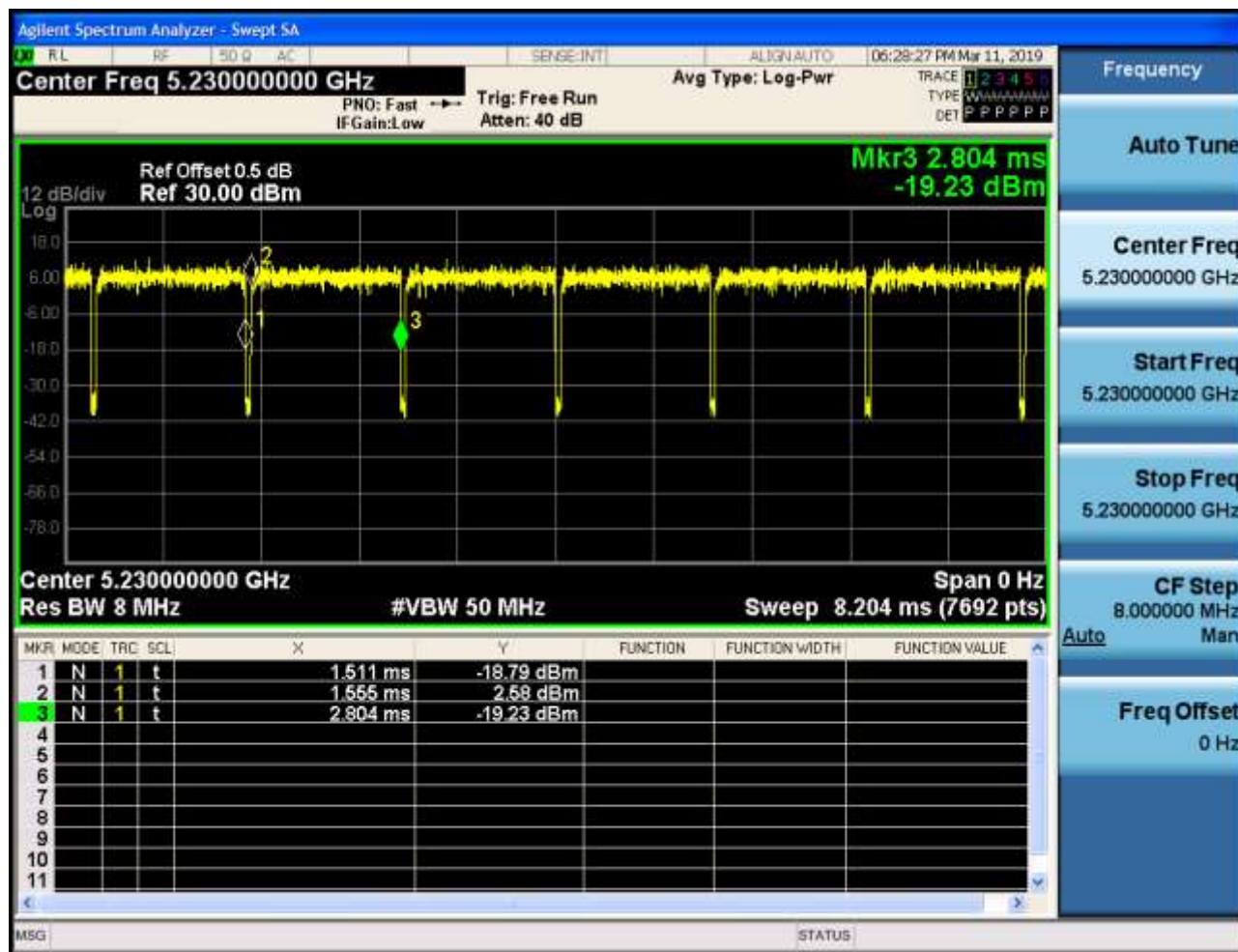


1.33 11AC40SISO_Ant1_5190



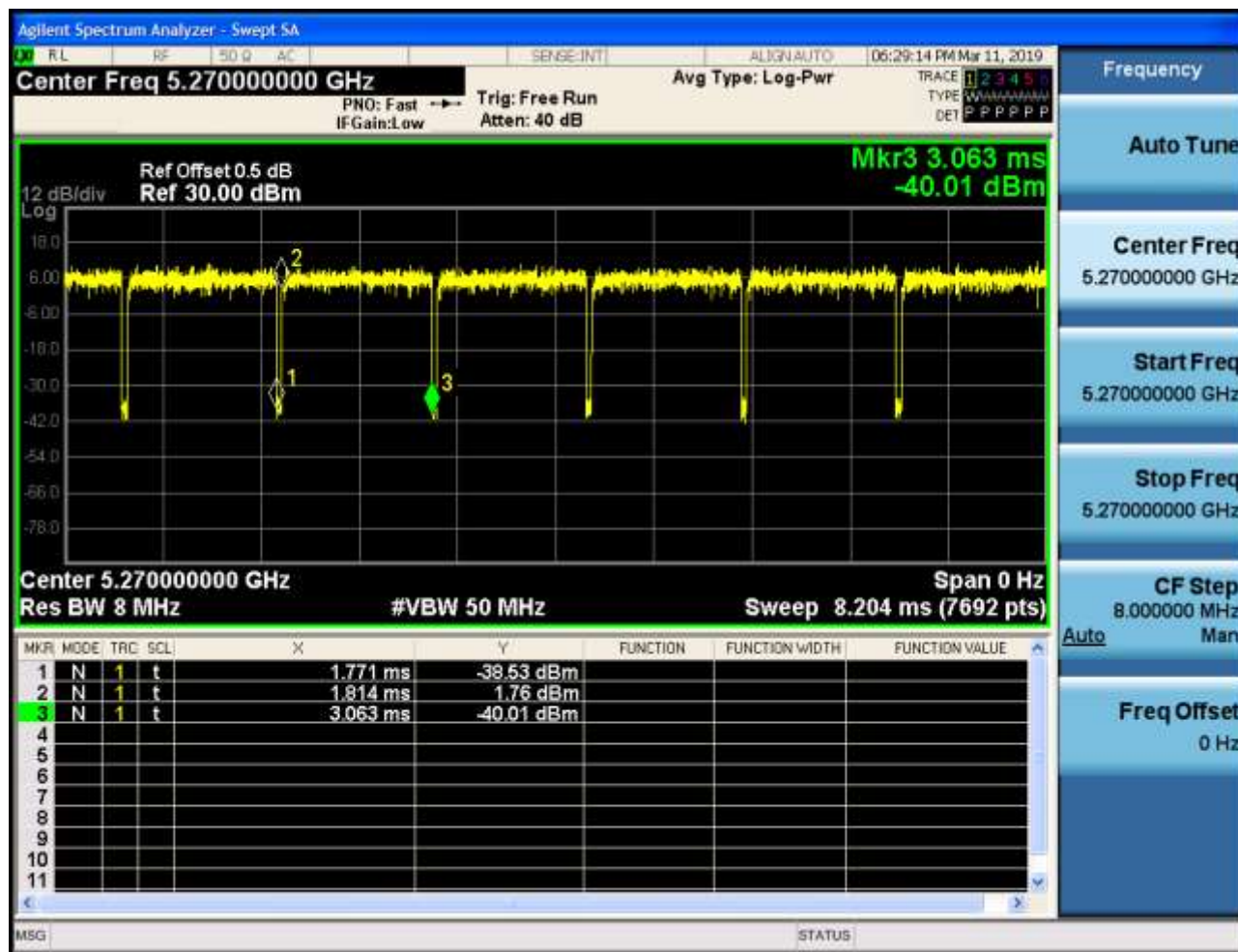


1.34 11AC40SISO_Ant1_5230



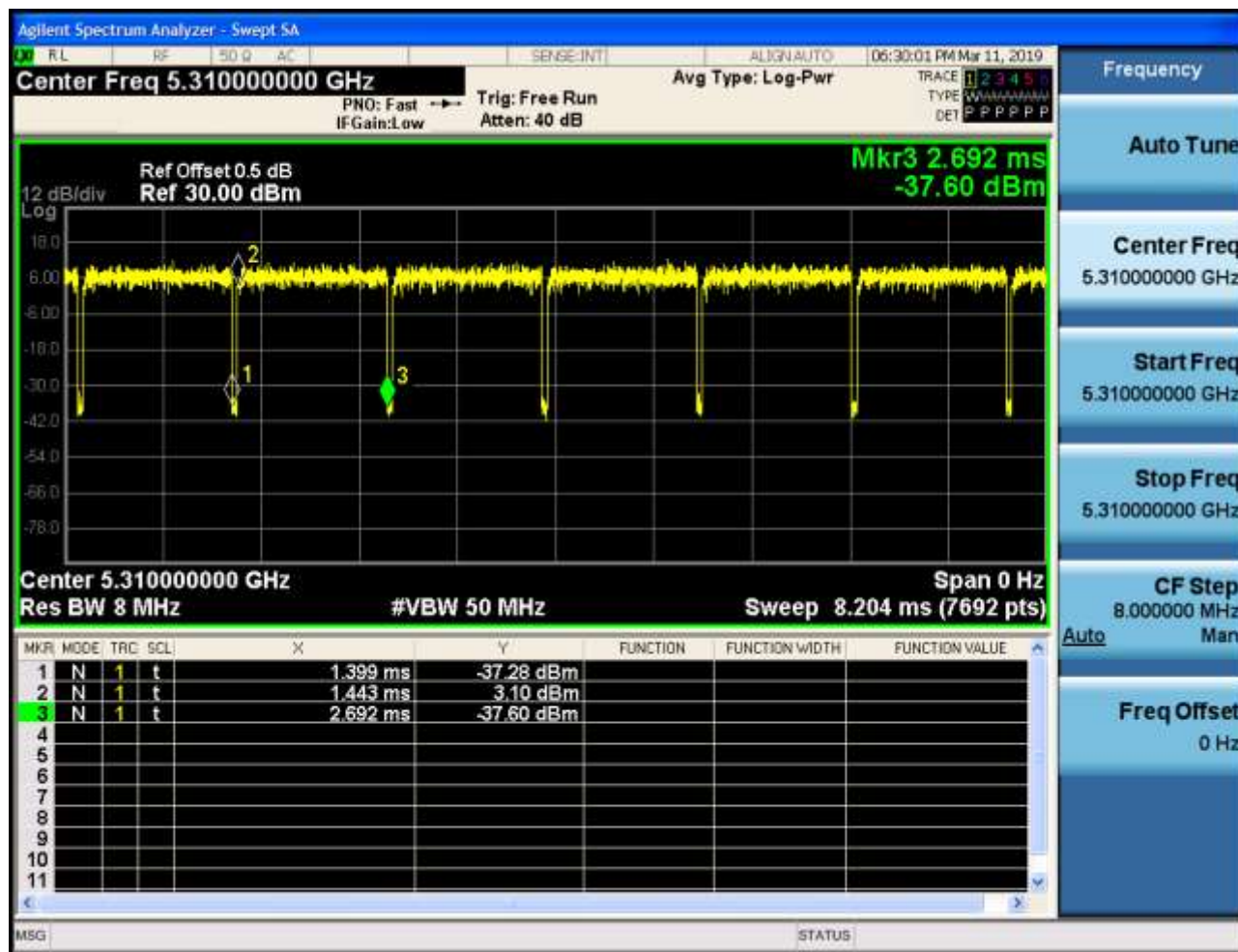


1.35 11AC40SISO_Ant1_5270



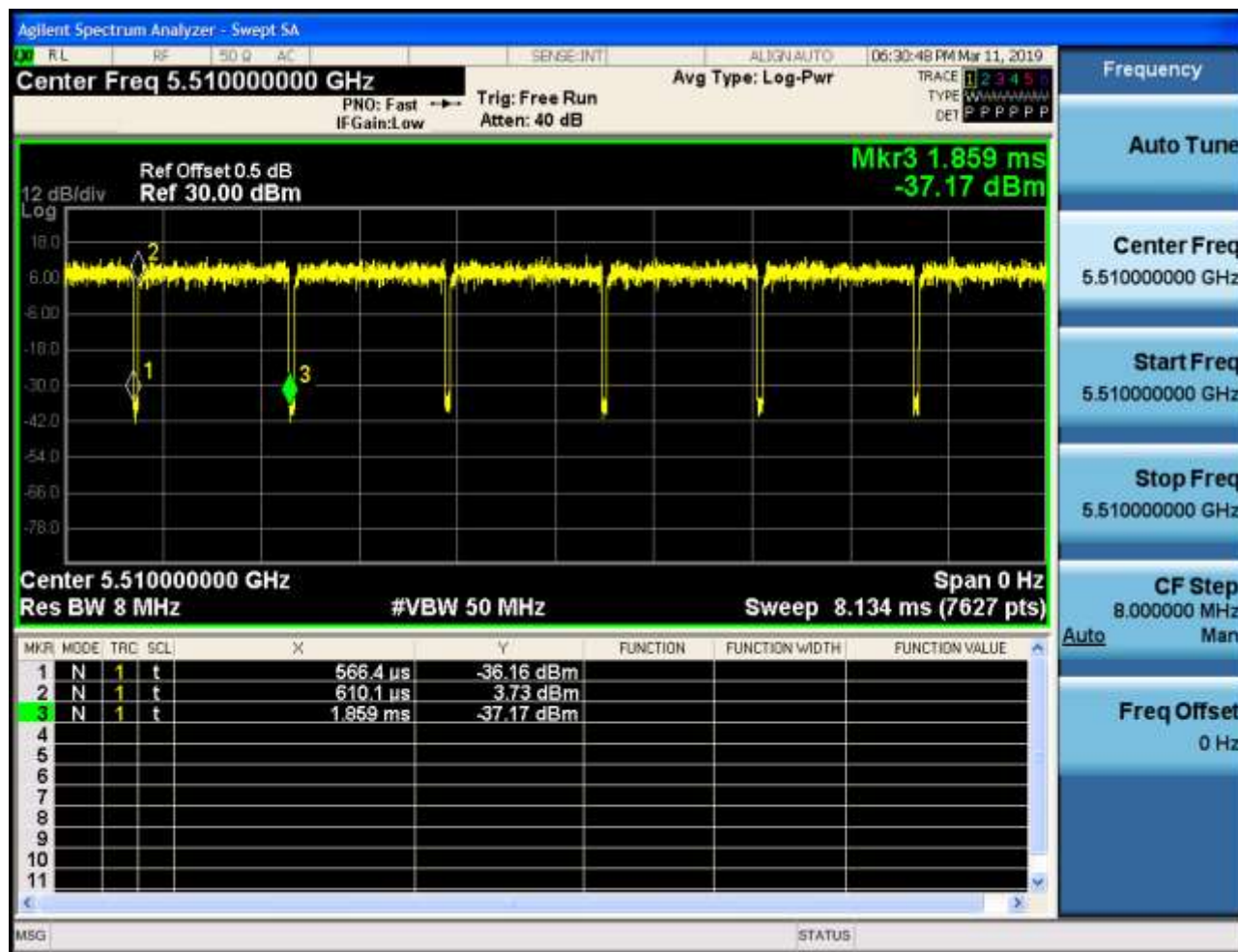


1.36 11AC40SISO_Ant1_5310



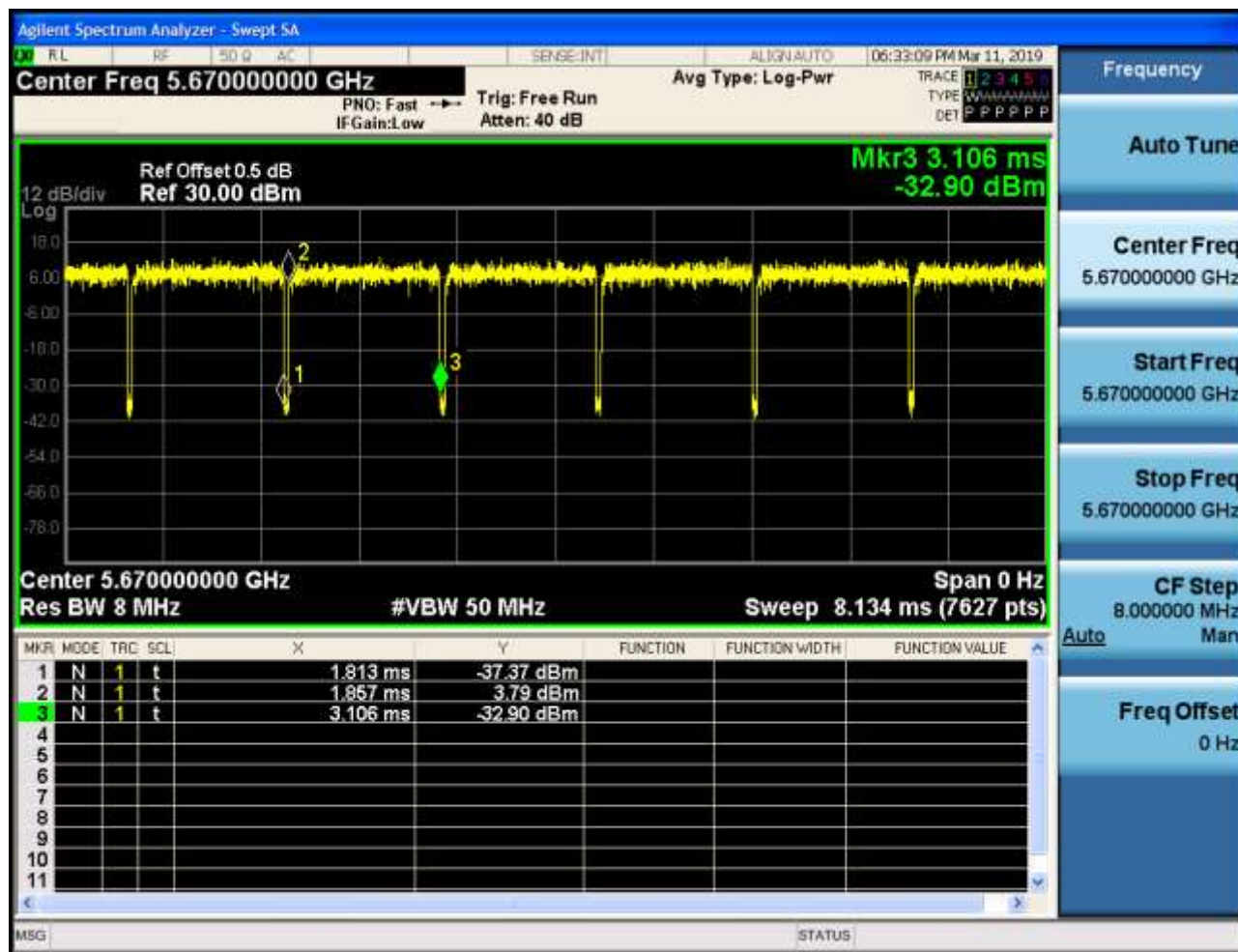


1.37 11AC40SISO_Ant1_5510



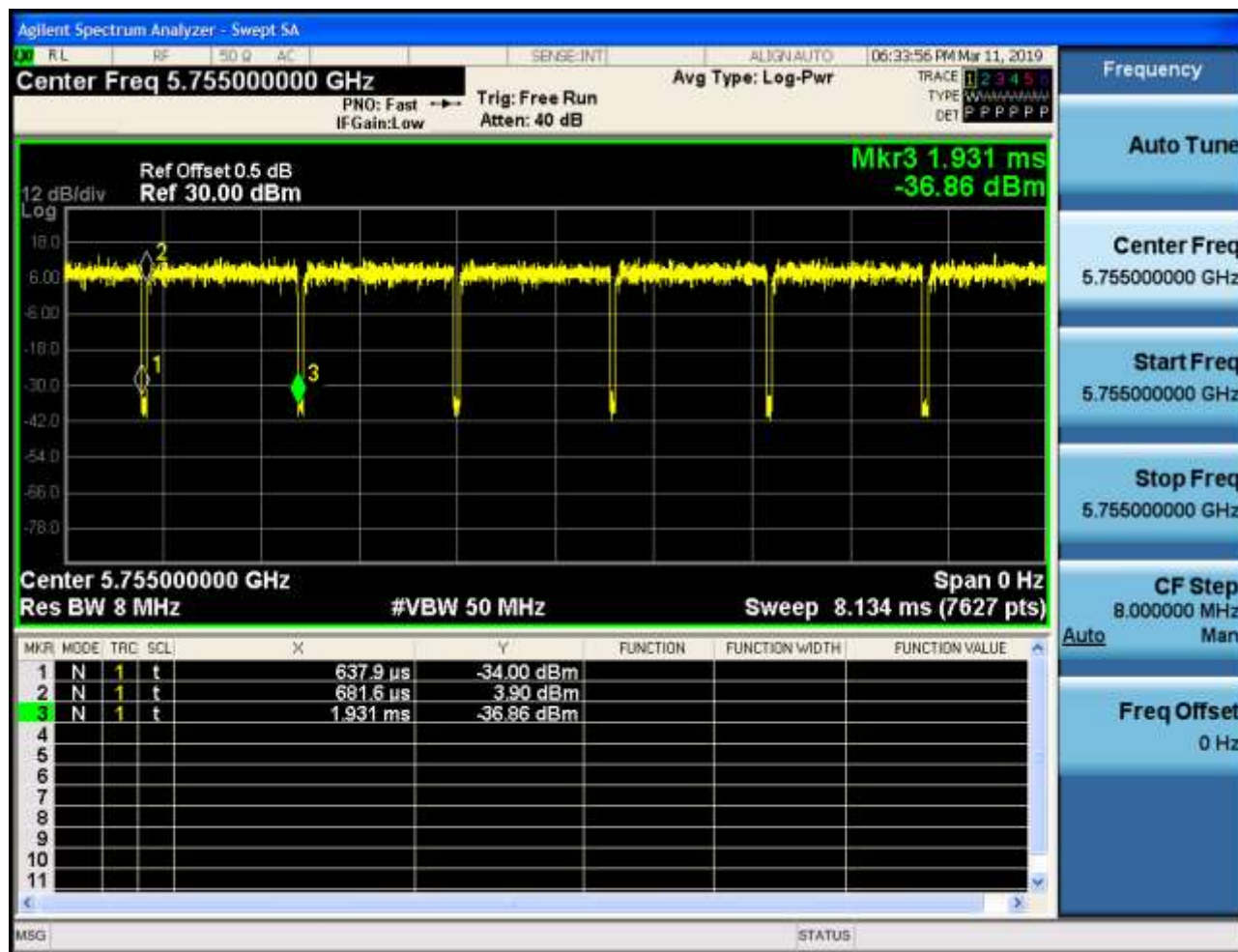


1.38 11AC40SISO_Ant1_5670



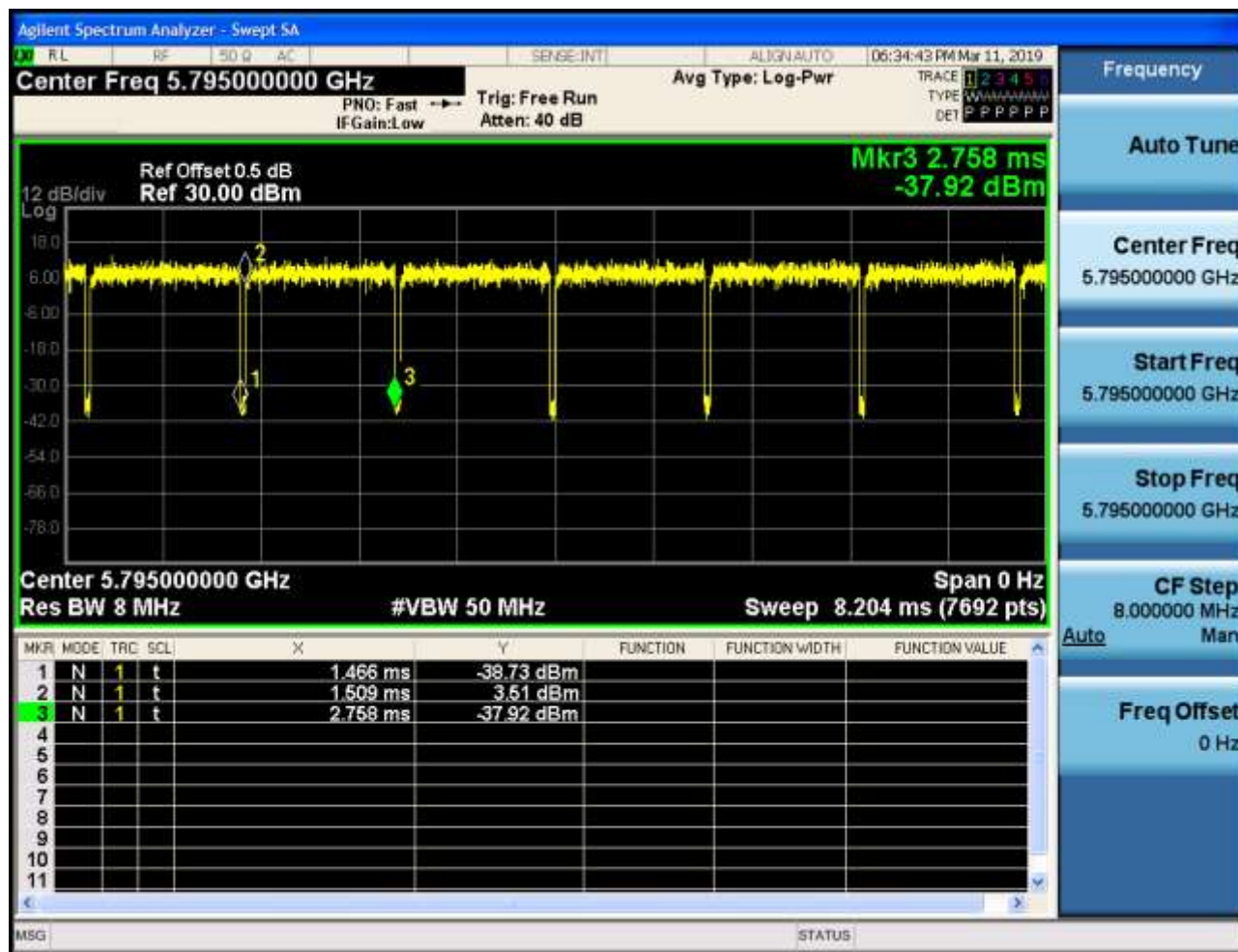


1.39 11AC40SISO_Ant1_5755



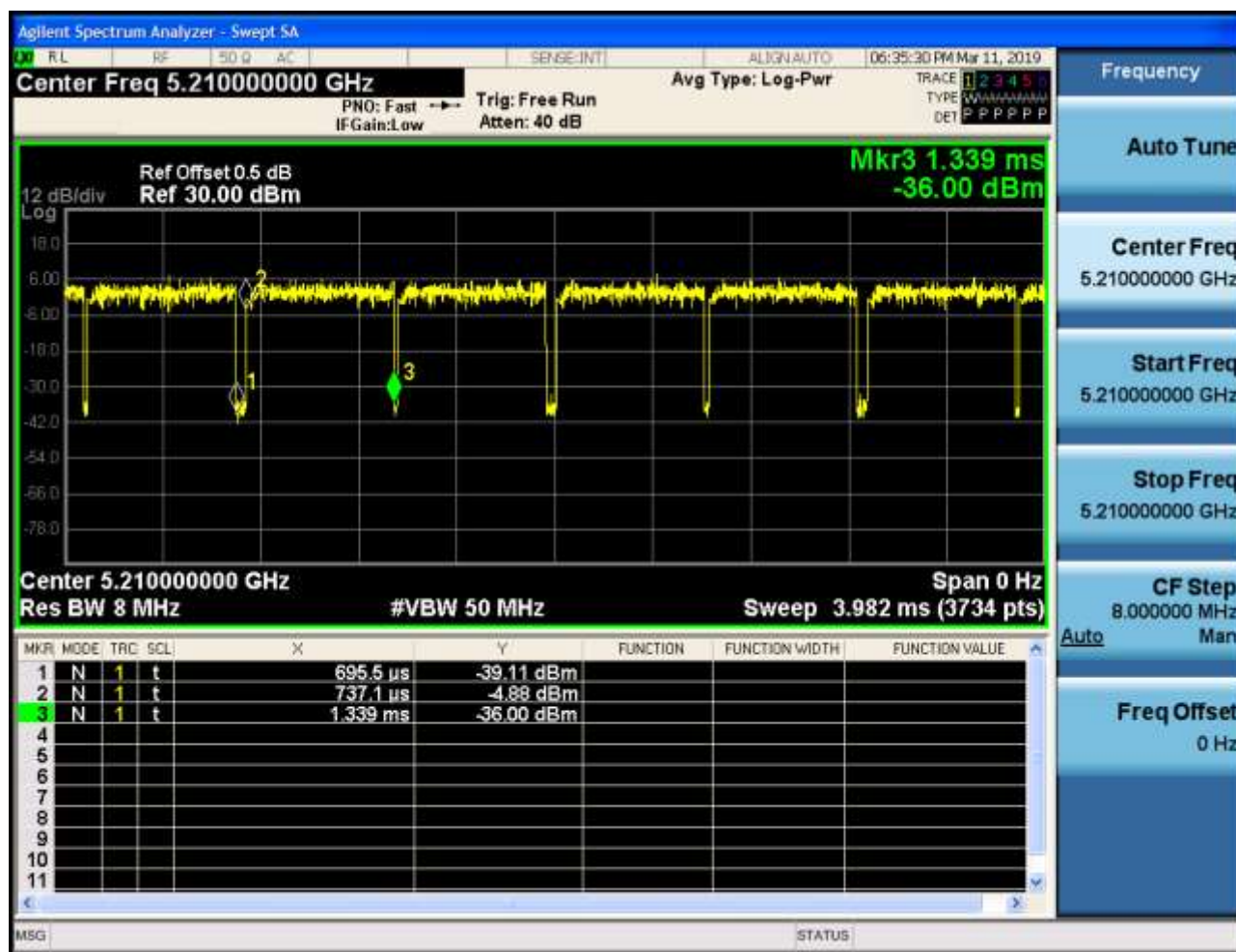


1.40 11AC40SISO_Ant1_5795



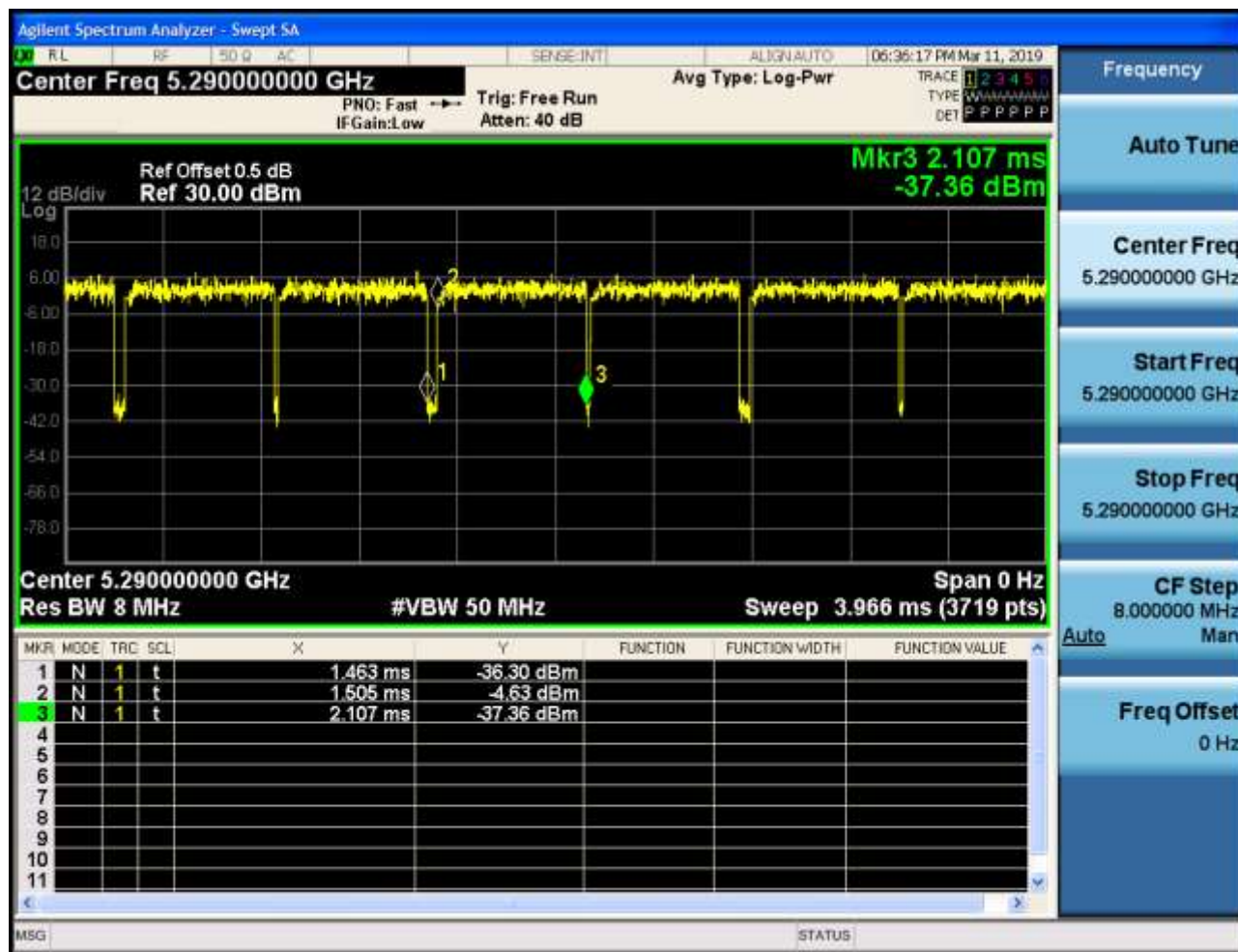


1.41 11AC80SISO_Ant1_5210



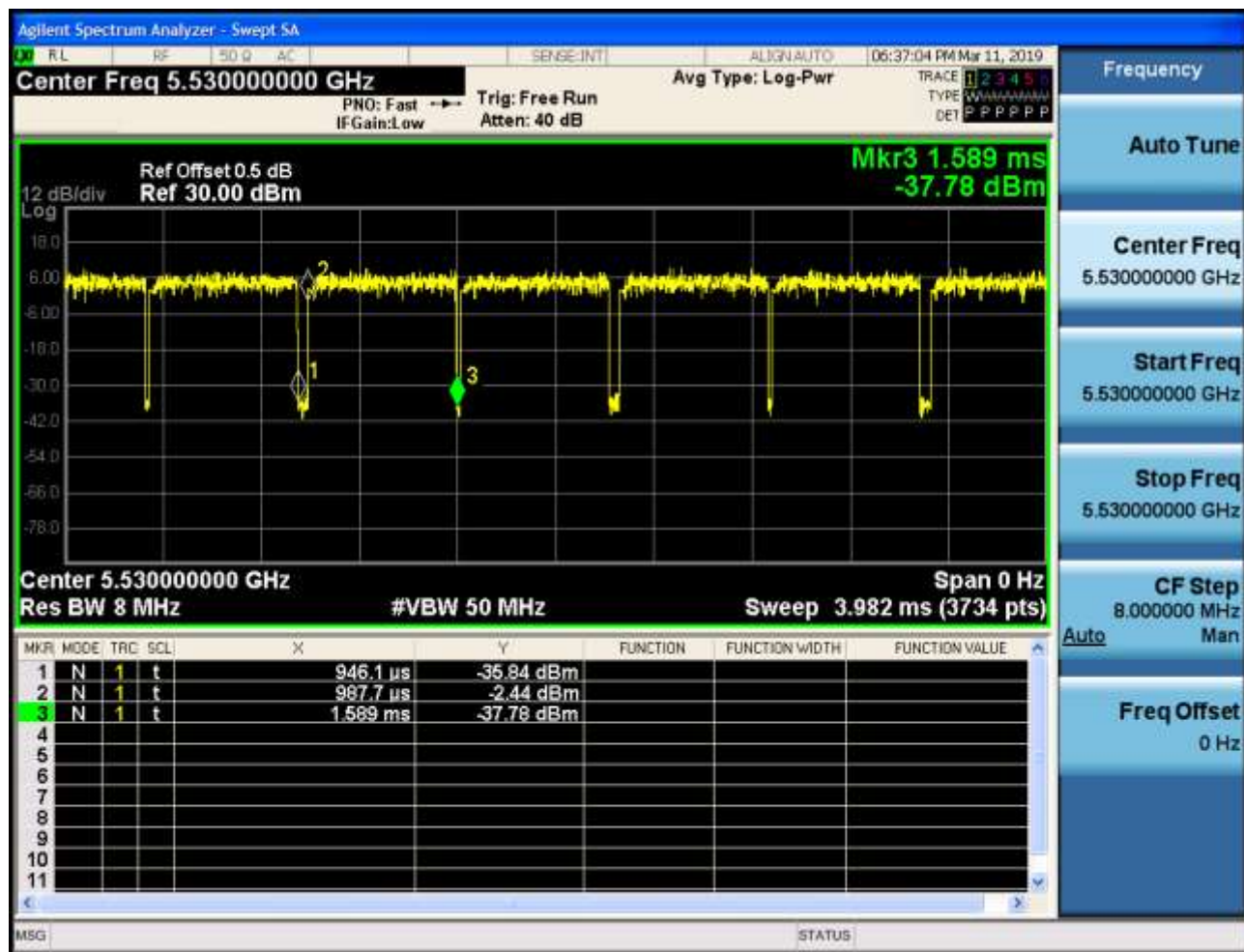


1.42 11AC80SISO_Ant1_5290



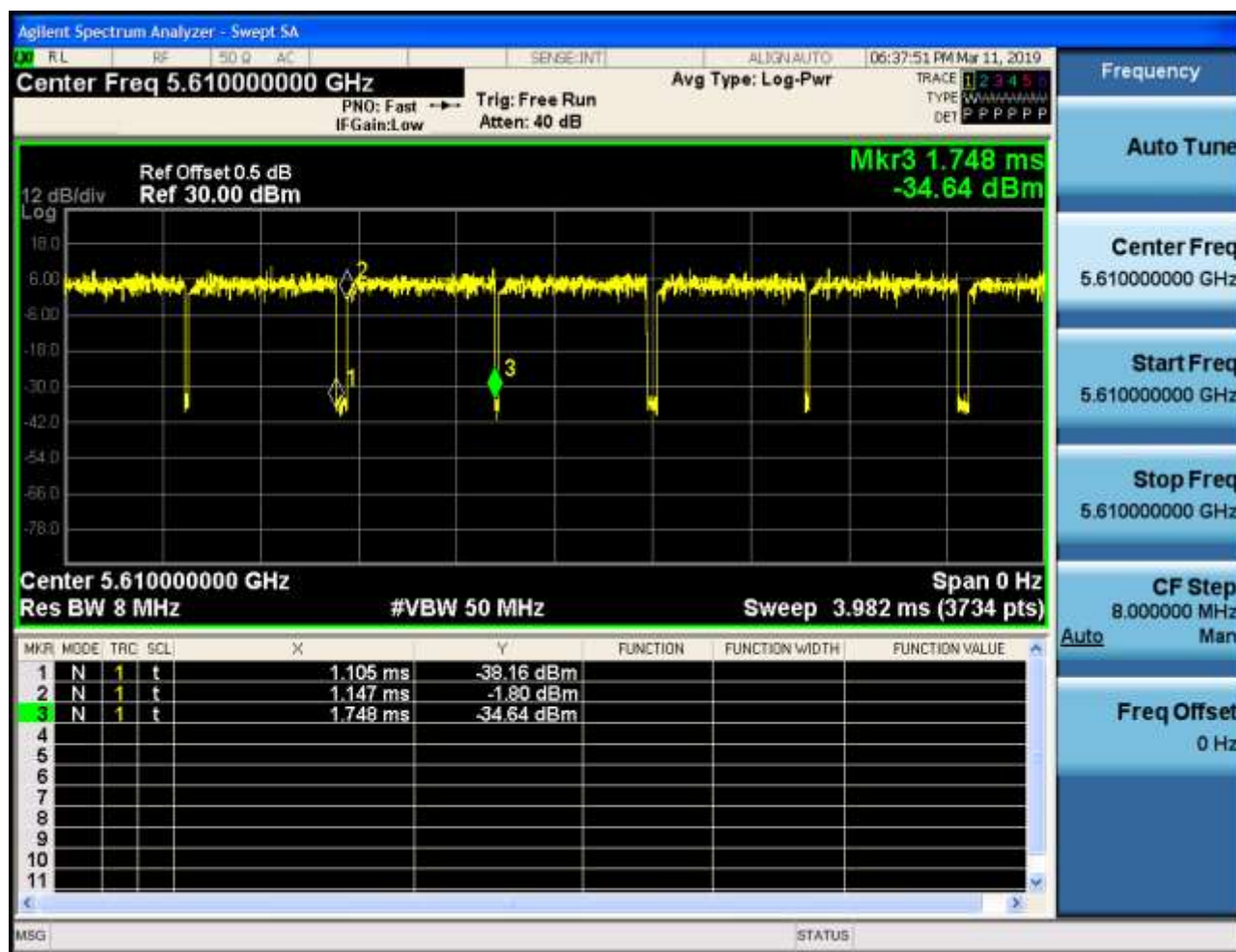


1.43 11AC80SISO_Ant1_5530



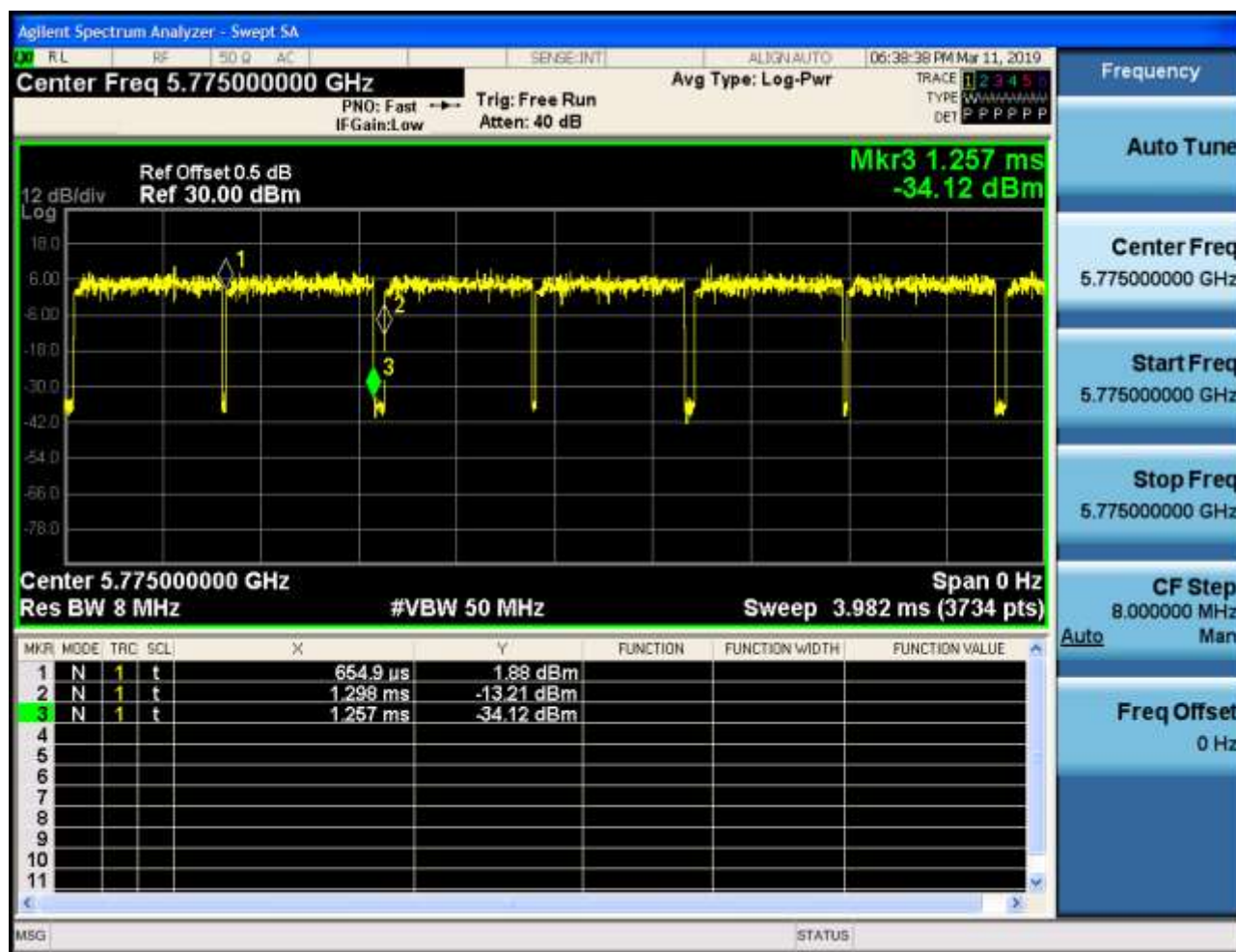


1.44 11AC80SISO_Ant1_5610





1.45 11AC80SISO_Ant1_5775



Appendix D: Average Maximum output power

Part I - Test Results

Test Mode	Antenna	Channel	Conducted Result[dBm]	Conducted Limit[dBm]	Verdict
11A	Ant1	5180	12.41	23.82	PASS
11A	Ant1	5240	12.65	23.9	PASS
11A	Ant1	5260	12.49	23.87	PASS
11A	Ant1	5320	12.32	23.84	PASS
11A	Ant1	5500	12.21	23.84	PASS
11A	Ant1	5700	12.42	23.86	PASS
11A	Ant1	5745	12.31	30.0	PASS
11A	Ant1	5825	12.03	30.0	PASS
11N20SISO	Ant1	5180	12.53	23.97	PASS
11N20SISO	Ant1	5240	13.03	24.0	PASS
11N20SISO	Ant1	5260	12.47	24.0	PASS
11N20SISO	Ant1	5320	12.66	23.98	PASS
11N20SISO	Ant1	5500	12.78	23.94	PASS
11N20SISO	Ant1	5700	12.51	24.0	PASS
11N20SISO	Ant1	5745	12.41	30.0	PASS
11N20SISO	Ant1	5825	12.19	30.0	PASS
11N40SISO	Ant1	5190	10.13	24.0	PASS
11N40SISO	Ant1	5230	10.58	24.0	PASS
11N40SISO	Ant1	5270	10.45	24.0	PASS
11N40SISO	Ant1	5310	10.38	24.0	PASS
11N40SISO	Ant1	5510	10.69	24.0	PASS
11N40SISO	Ant1	5670	10.61	24.0	PASS
11N40SISO	Ant1	5755	10.74	30.0	PASS
11N40SISO	Ant1	5795	10.74	30.0	PASS
11AC20SISO	Ant1	5180	11.83	24.0	PASS
11AC20SISO	Ant1	5240	12.43	23.96	PASS
11AC20SISO	Ant1	5260	12.25	24.0	PASS
11AC20SISO	Ant1	5320	12.34	24.0	PASS
11AC20SISO	Ant1	5500	12.82	24.0	PASS
11AC20SISO	Ant1	5700	12.83	23.98	PASS
11AC20SISO	Ant1	5745	12.71	30.0	PASS
11AC20SISO	Ant1	5825	12.48	30.0	PASS
11AC40SISO	Ant1	5190	10.12	24.0	PASS
11AC40SISO	Ant1	5230	10.47	24.0	PASS
11AC40SISO	Ant1	5270	10.03	24.0	PASS
11AC40SISO	Ant1	5310	8.39	24.0	PASS



11AC40SISO	Ant1	5630	10.42	24.0	PASS
11AC40SISO	Ant1	5670	10.65	24.0	PASS
11AC40SISO	Ant1	5755	10.72	30.0	PASS
11AC40SISO	Ant1	5795	10.63	30.0	PASS
11AC80SISO	Ant1	5210	10.29	24.0	PASS
11AC80SISO	Ant1	5290	10.36	24.0	PASS
11AC80SISO	Ant1	5530	10.43	24.0	PASS
11AC80SISO	Ant1	5610	10.19	24.0	PASS
11AC80SISO	Ant1	5775	10.42	30.0	PASS

Appendix E: Peak Power Spectral Density Level

Part I - Test Results

1.1 5150-5350 MHz&5470-5725 MHz

Test Mode	Antenna	Channel	Conducted Result[dBm/MHz]	Conducted Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-1.76	11.0	PASS
11A	Ant1	5240	0.33	11.0	PASS
11A	Ant1	5260	-1.17	11.0	PASS
11A	Ant1	5320	0.21	11.0	PASS
11A	Ant1	5500	1.51	11.0	PASS
11A	Ant1	5700	1.56	11.0	PASS
11N20SISO	Ant1	5180	-2.85	11.0	PASS
11N20SISO	Ant1	5240	-0.65	11.0	PASS
11N20SISO	Ant1	5260	-2.23	11.0	PASS
11N20SISO	Ant1	5320	-0.84	11.0	PASS
11N20SISO	Ant1	5500	0.01	11.0	PASS
11N20SISO	Ant1	5700	0.32	11.0	PASS
11N40SISO	Ant1	5190	-7.22	11.0	PASS
11N40SISO	Ant1	5230	-5.62	11.0	PASS
11N40SISO	Ant1	5270	-6.34	11.0	PASS
11N40SISO	Ant1	5310	-5.63	11.0	PASS
11N40SISO	Ant1	5510	-4.63	11.0	PASS
11N40SISO	Ant1	5670	-4.5	11.0	PASS
11AC20SISO	Ant1	5180	-2.94	11.0	PASS
11AC20SISO	Ant1	5240	-0.65	11.0	PASS
11AC20SISO	Ant1	5260	-2.14	11.0	PASS
11AC20SISO	Ant1	5320	-0.84	11.0	PASS
11AC20SISO	Ant1	5500	0.24	11.0	PASS
11AC20SISO	Ant1	5700	0.2	11.0	PASS
11AC40SISO	Ant1	5190	-7.27	11.0	PASS
11AC40SISO	Ant1	5230	-5.69	11.0	PASS
11AC40SISO	Ant1	5270	-6.53	11.0	PASS
11AC40SISO	Ant1	5310	-5.55	11.0	PASS
11AC40SISO	Ant1	5510	-4.59	11.0	PASS
11AC40SISO	Ant1	5670	-4.67	11.0	PASS
11AC80SISO	Ant1	5210	-9.51	11.0	PASS



11AC80SISO	Ant1	5290	-9.45	11.0	PASS
11AC80SISO	Ant1	5530	-7.28	11.0	PASS
11AC80SISO	Ant1	5610	-7.35	11.0	PASS

Note: The Duty Cycle Factor is compensated in the graph.

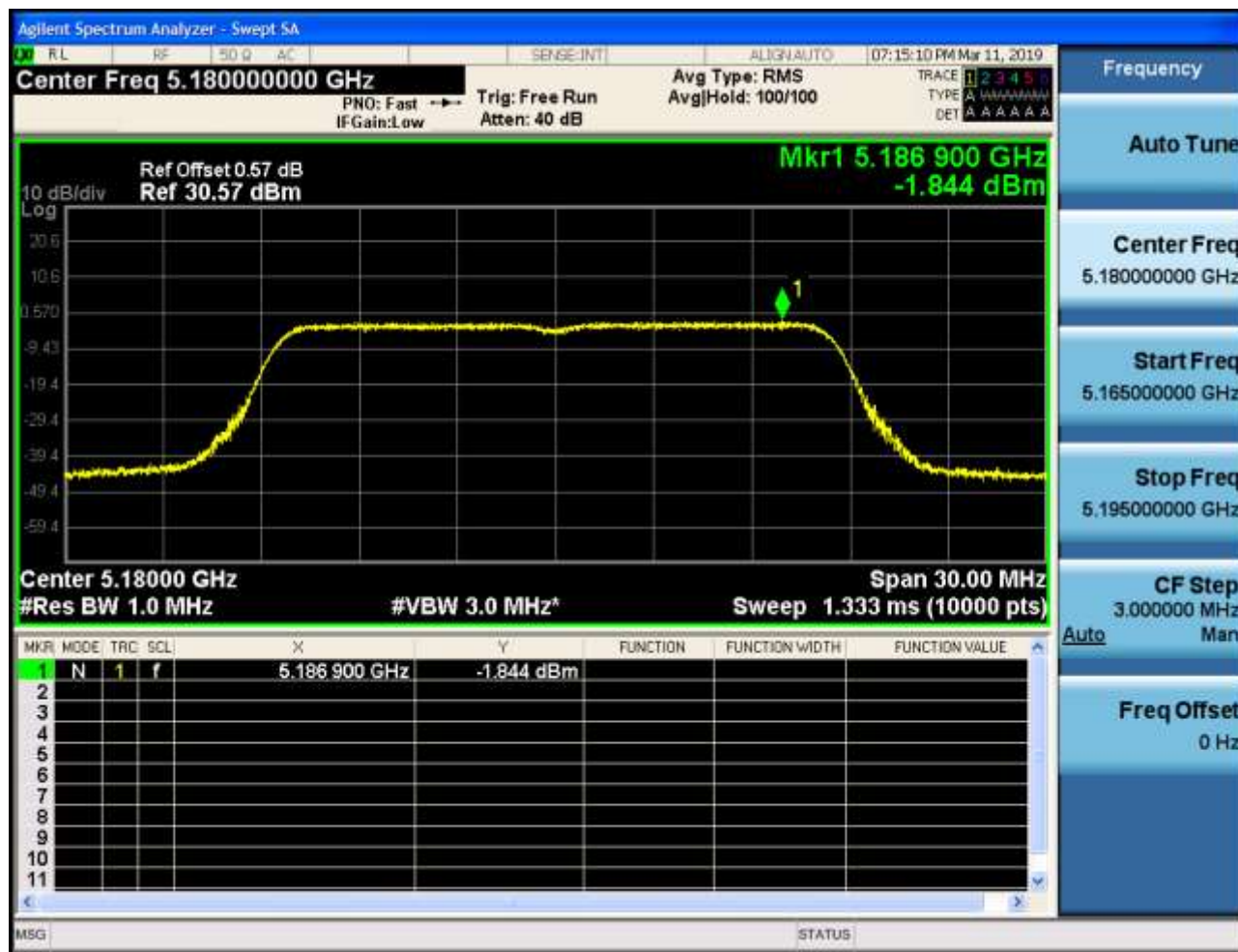
1.2 5725-5850 MHz

Test Mode	Antenna	Channel	Conducted Result[dBm/500KHz]	Conducted Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	-1.94	30.0	PASS
11A	Ant1	5825	-2.05	30.0	PASS
11N20SISO	Ant1	5745	-3.06	30.0	PASS
11N20SISO	Ant1	5825	-3.19	30.0	PASS
11N40SISO	Ant1	5755	-7.5	30.0	PASS
11N40SISO	Ant1	5795	-7.59	30.0	PASS
11AC20SISO	Ant1	5745	-2.95	30.0	PASS
11AC20SISO	Ant1	5825	-3.46	30.0	PASS
11AC40SISO	Ant1	5755	-7.51	30.0	PASS
11AC40SISO	Ant1	5795	-7.64	30.0	PASS
11AC80SISO	Ant1	5775	-10.49	30.0	PASS

Note: The Duty Cycle Factor and RBW Factor (5725-5850) is compensated in the graph.

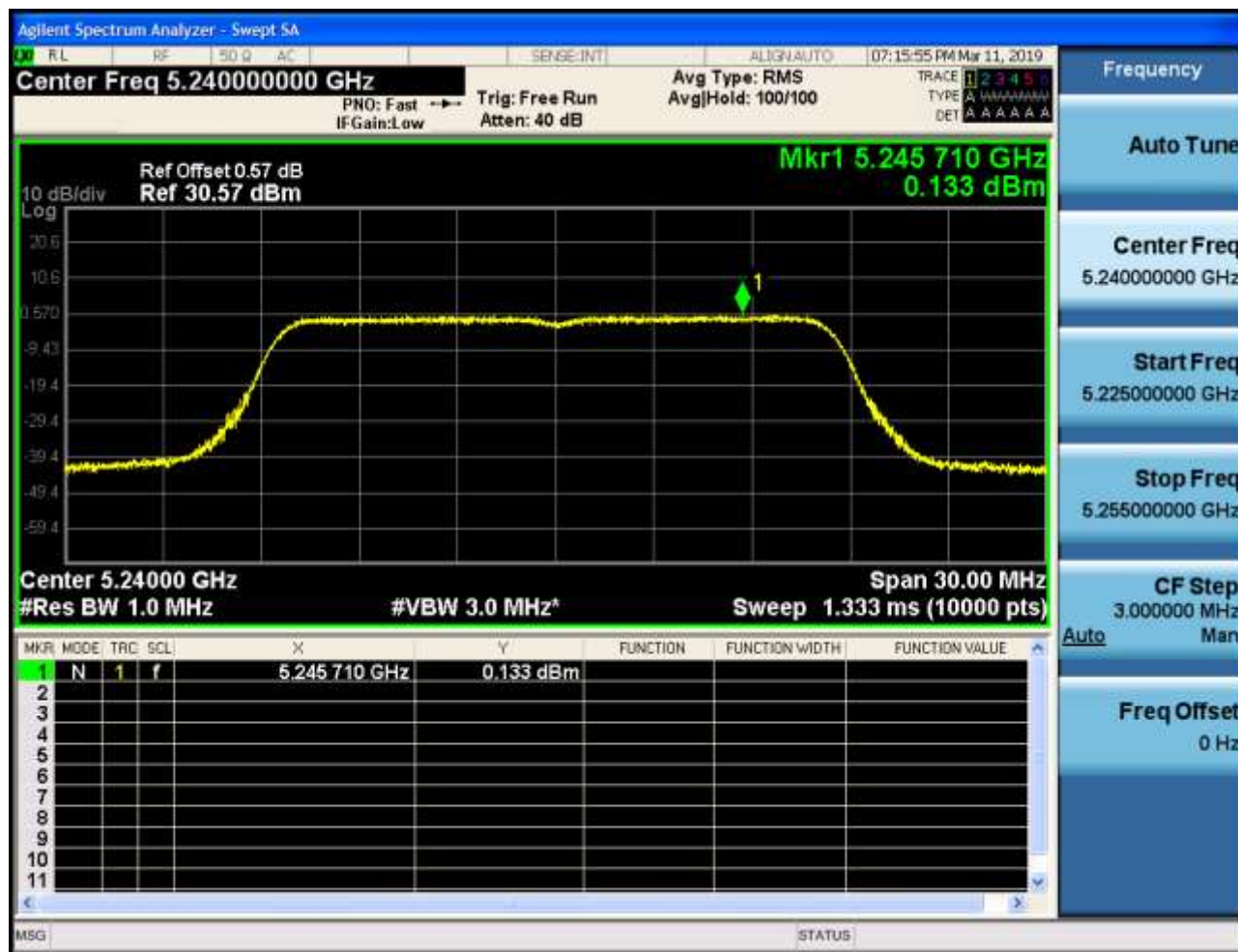
Part II - Test Graphs

1.1 11A_Ant1_5180



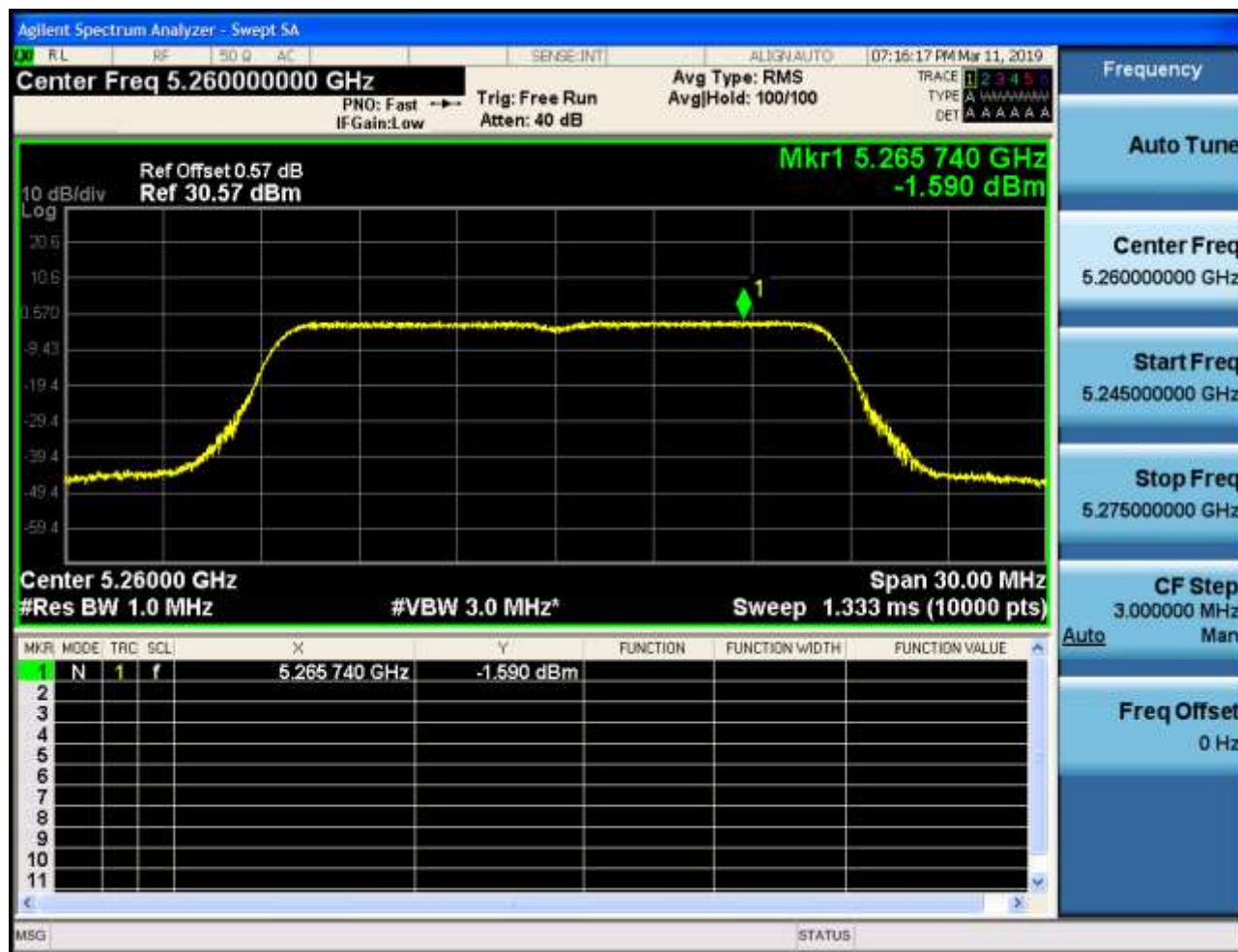


1.2 11A_Ant1_5240



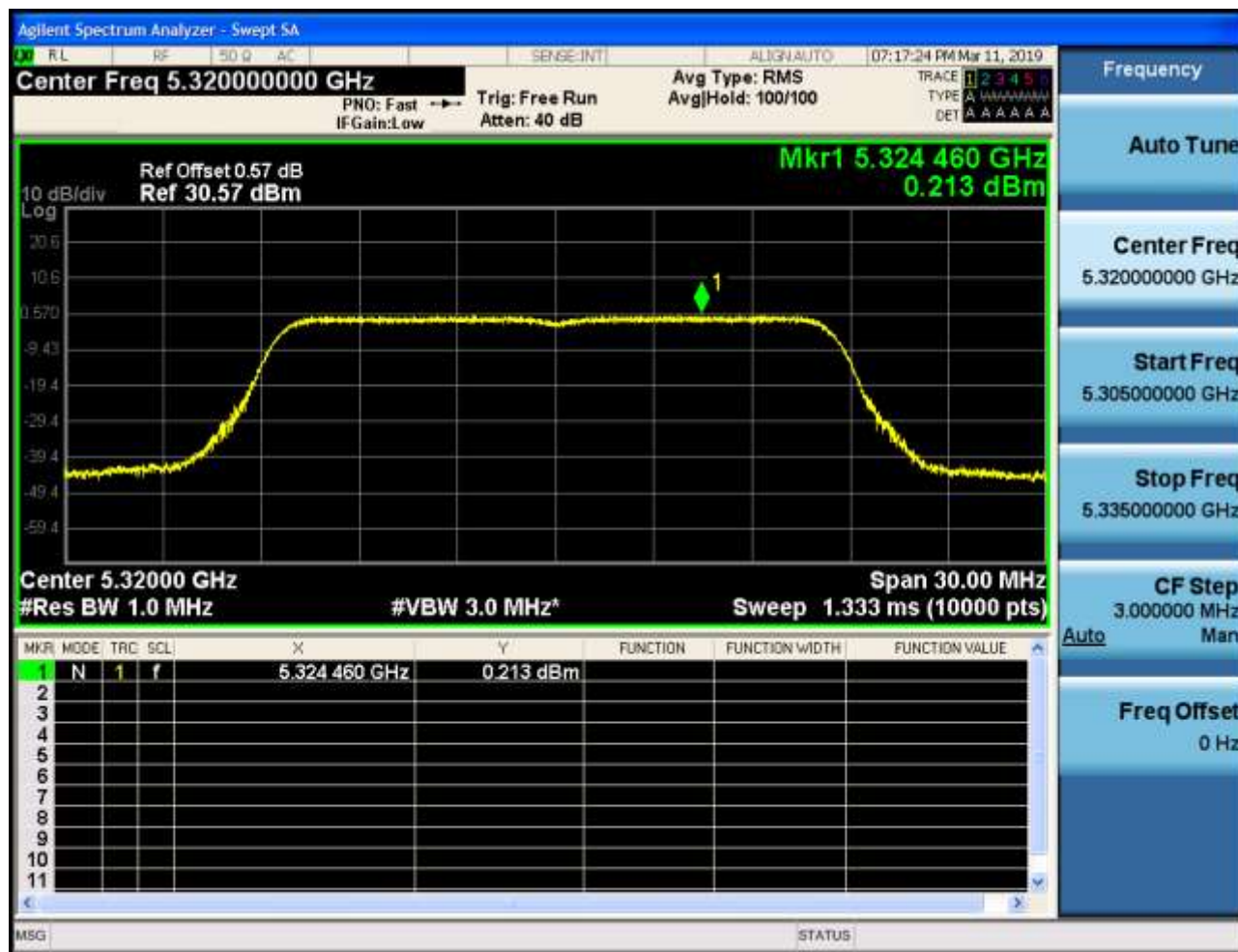


1.3 11A_Ant1_5260

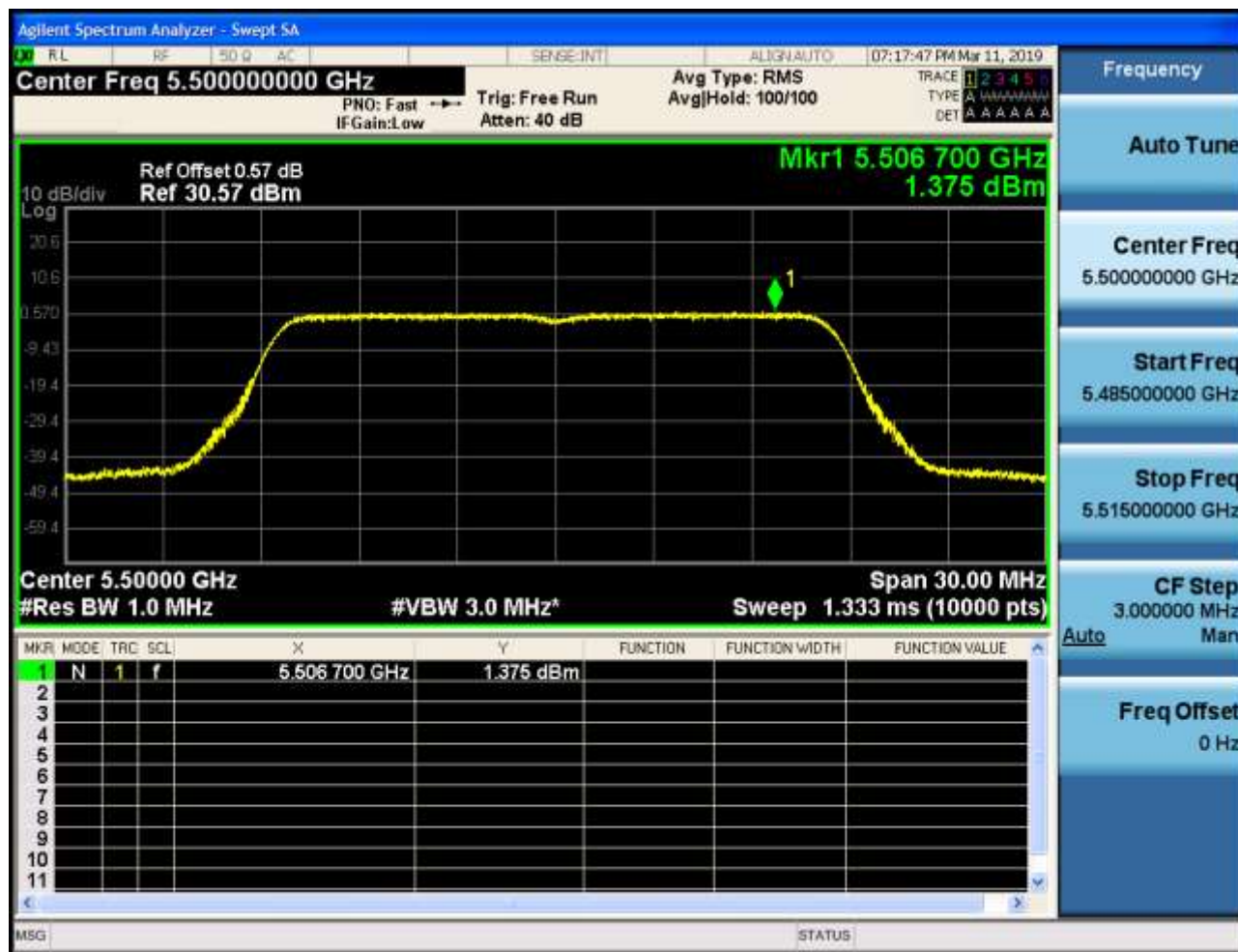




1.4 11A_Ant1_5320

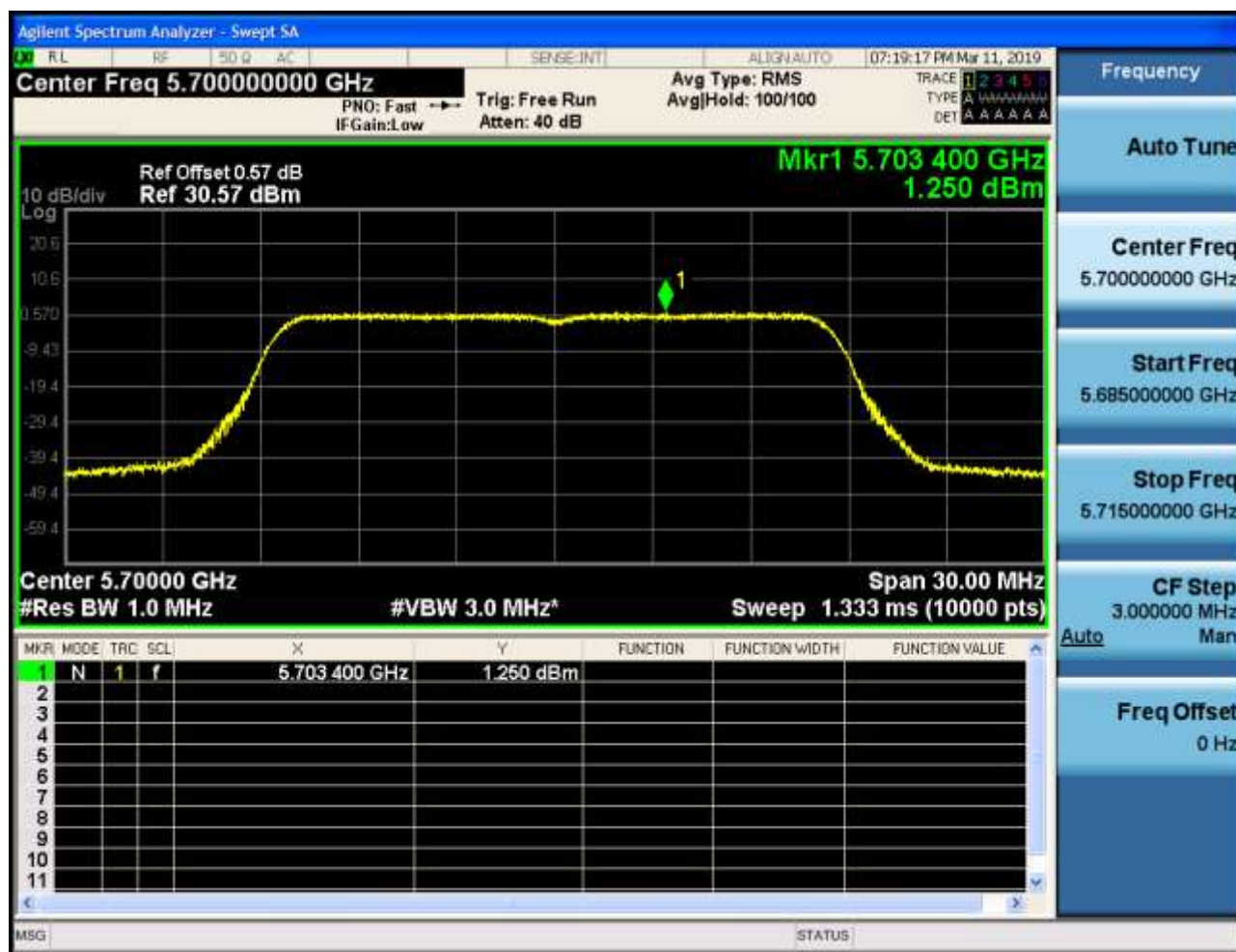


1.5 11A_Ant1_5500



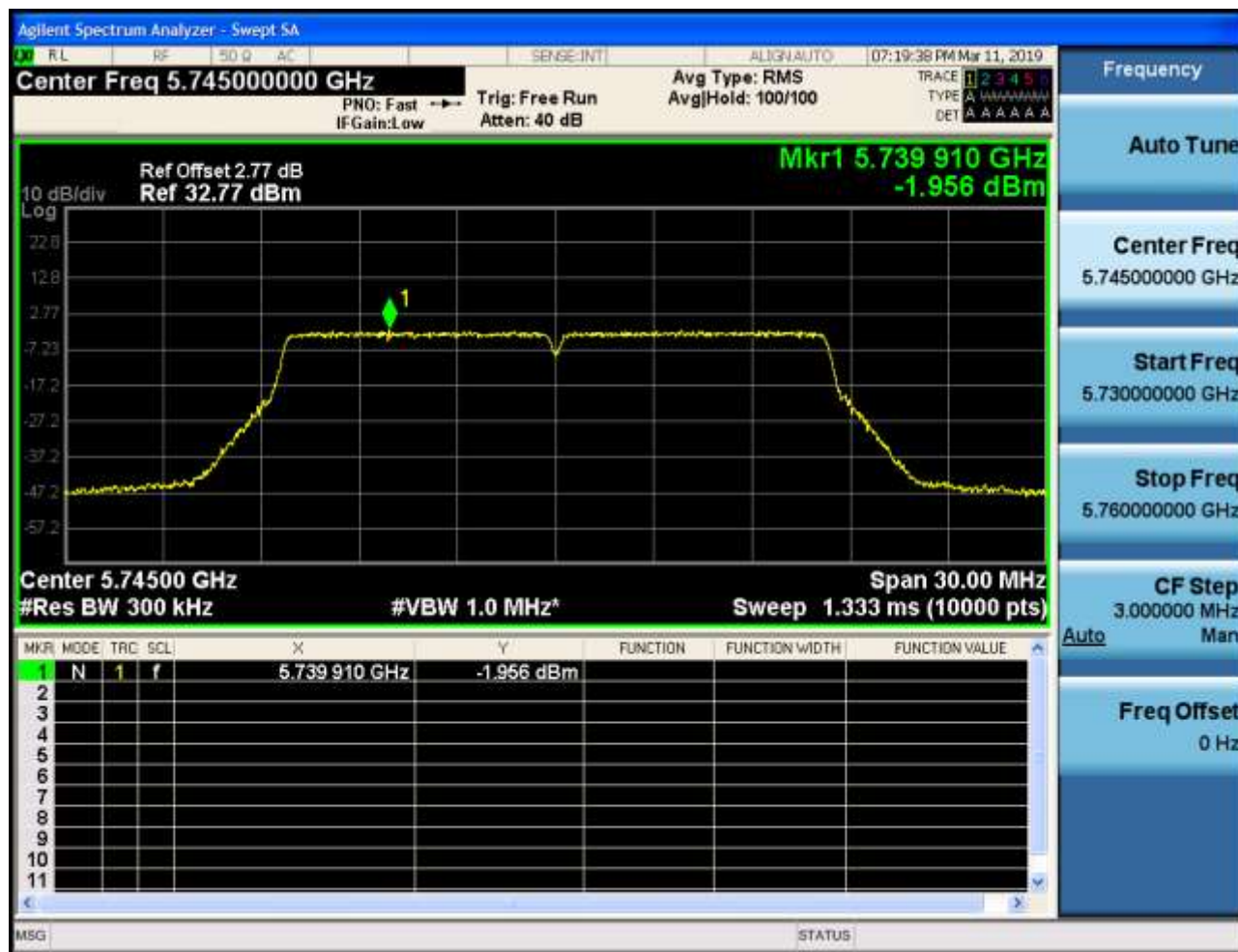


1.6 11A_Ant1_5700



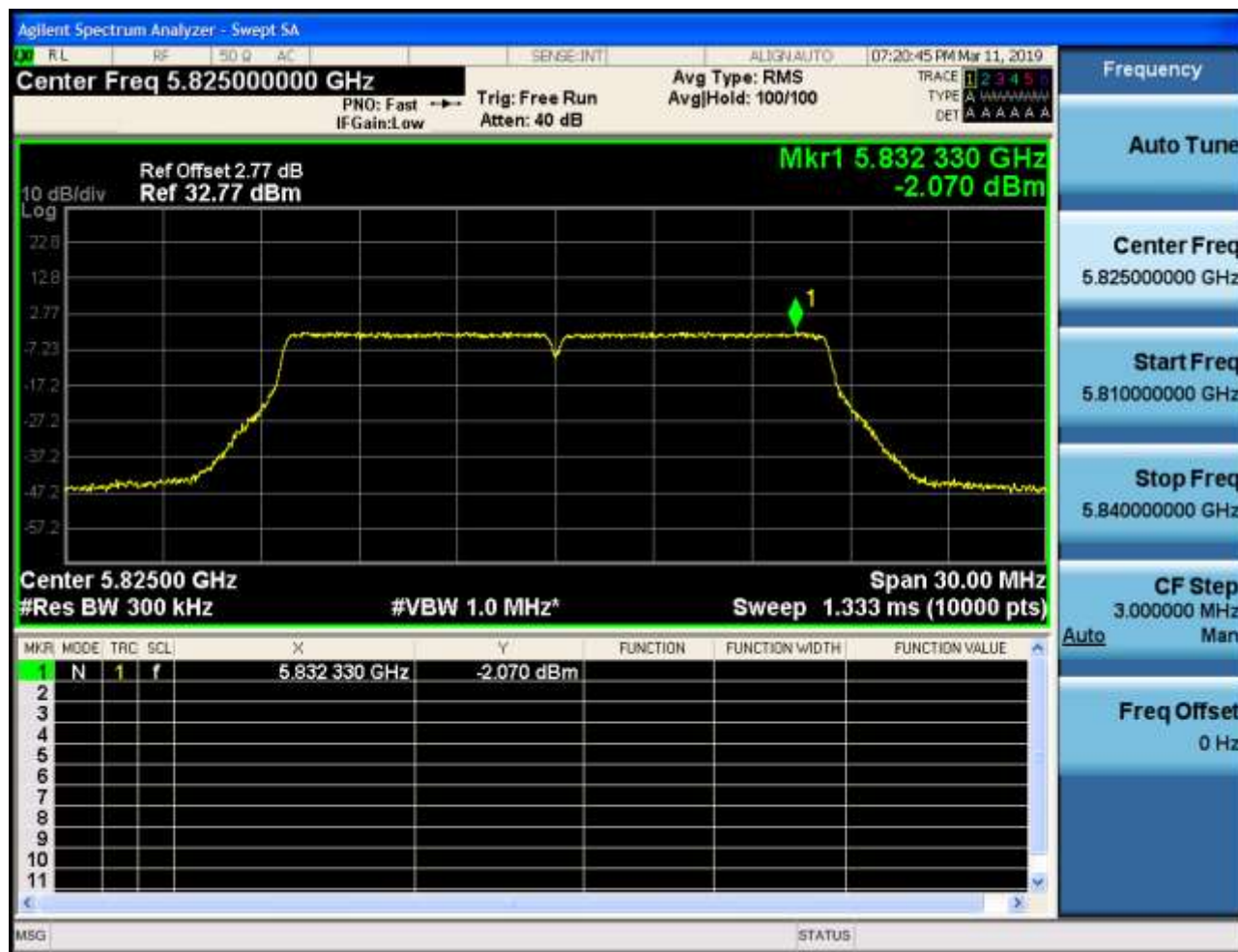


1.7 11A_Ant1_5745



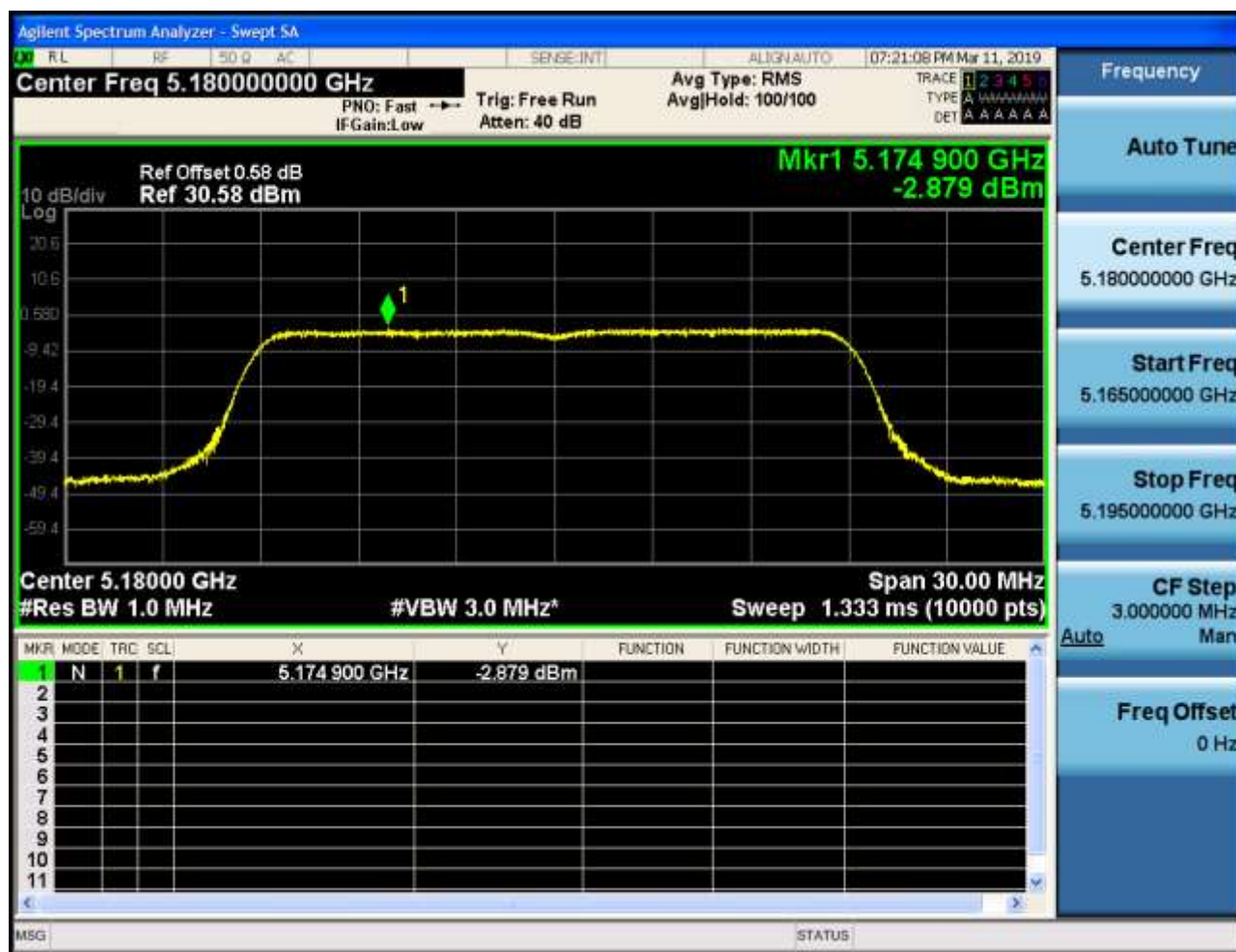


1.8 11A_Ant1_5825



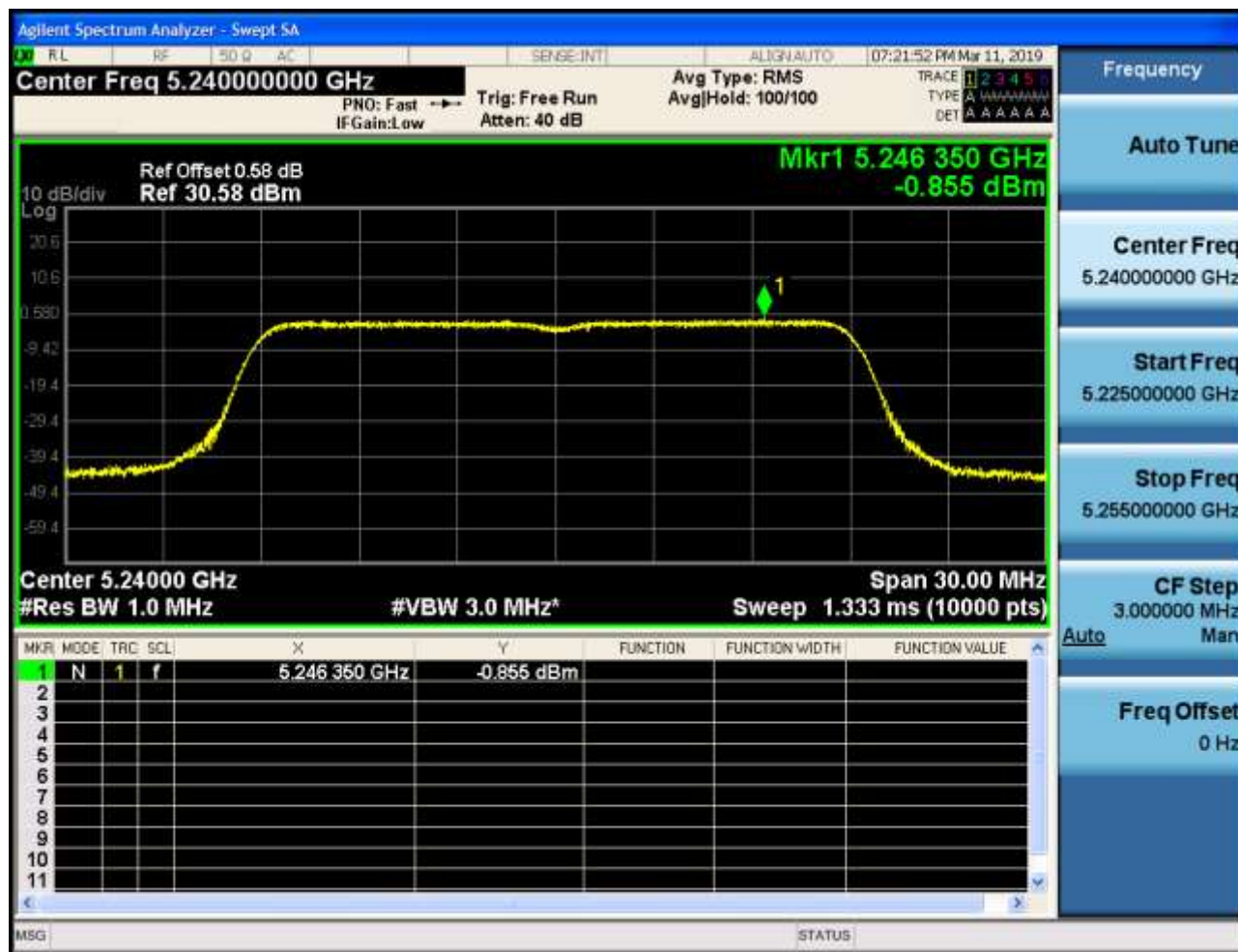


1.9 11N20SISO_Ant1_5180



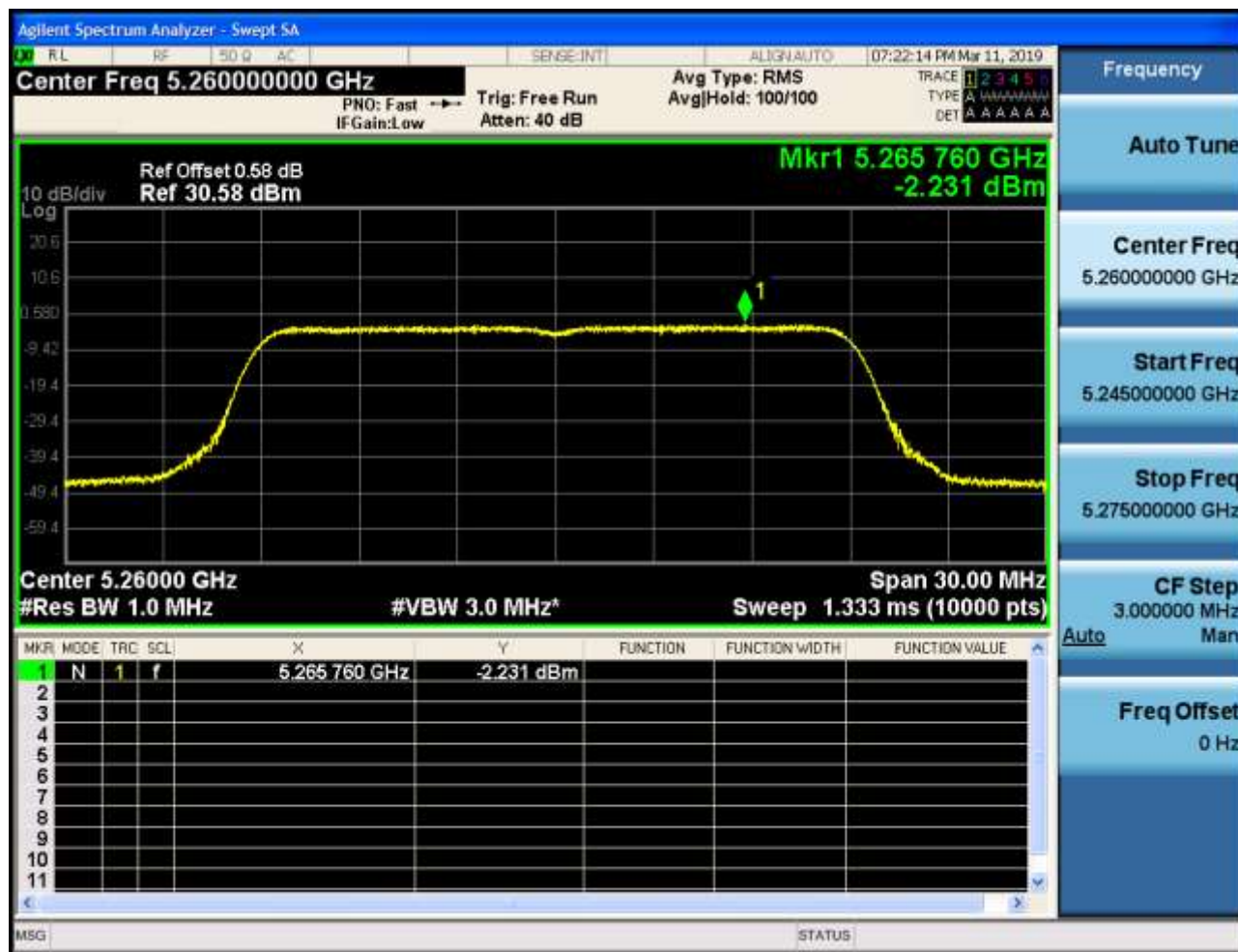


1.10 11N20SISO_Ant1_5240



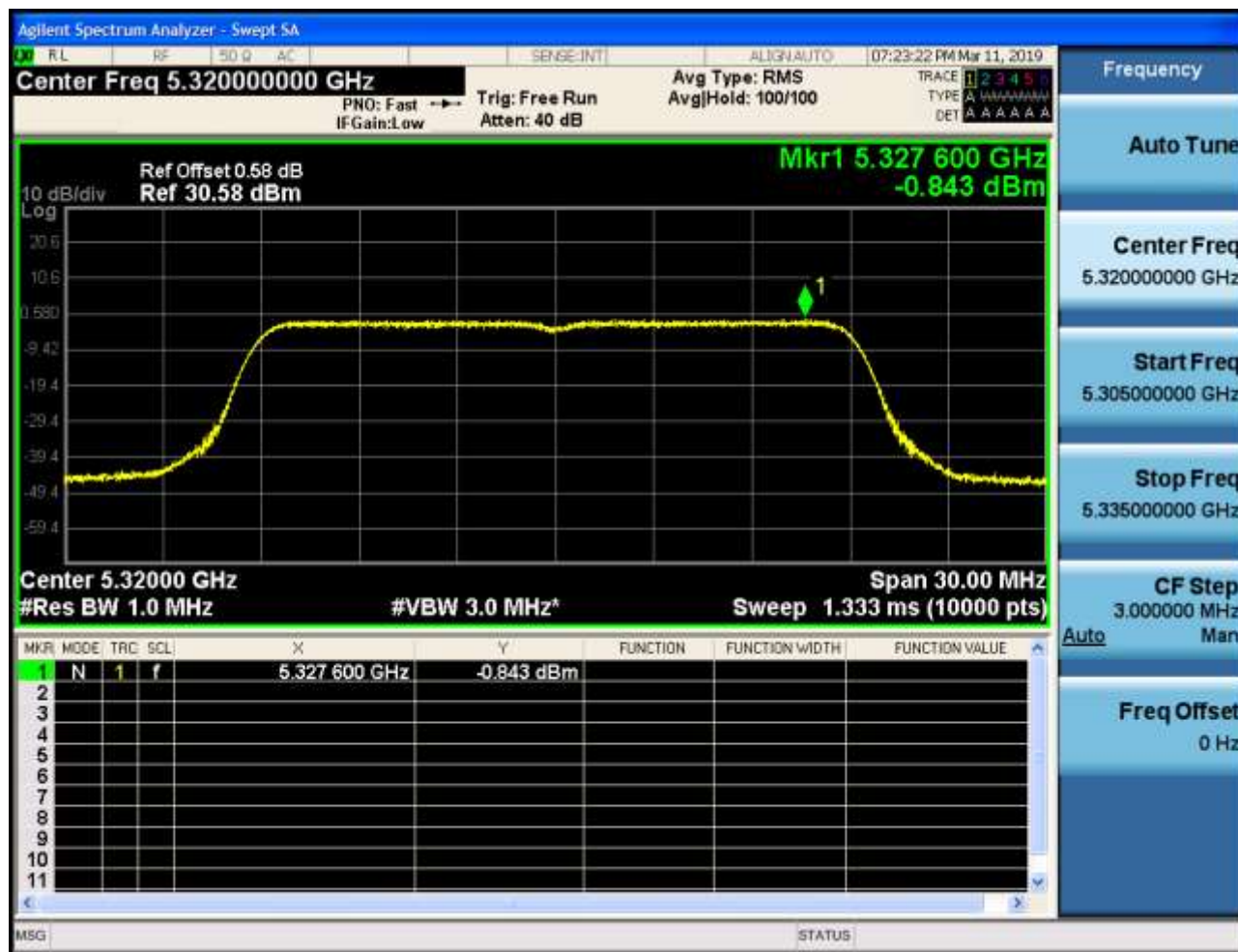


1.11 11N20SISO_Ant1_5260



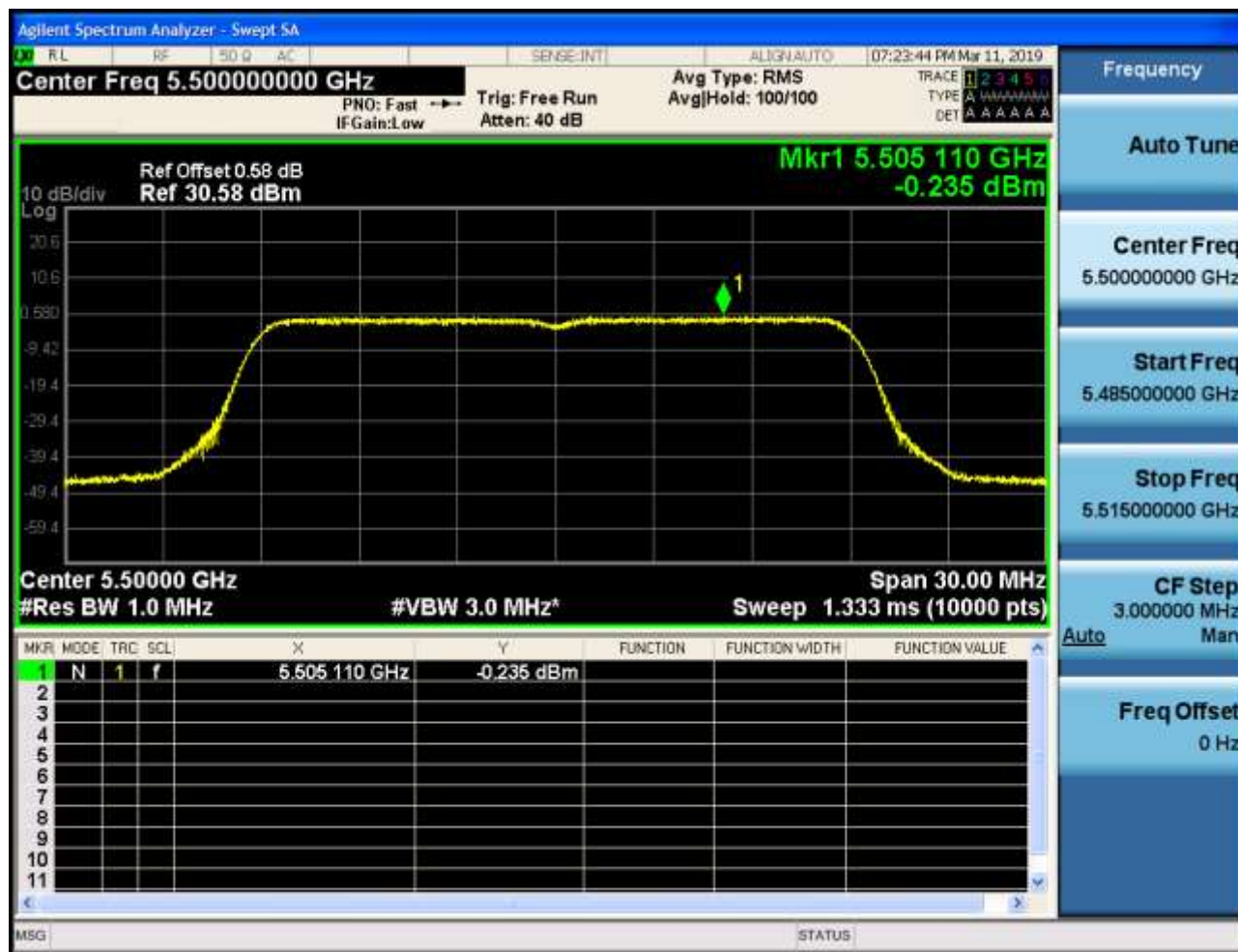


1.12 11N20SISO_Ant1_5320



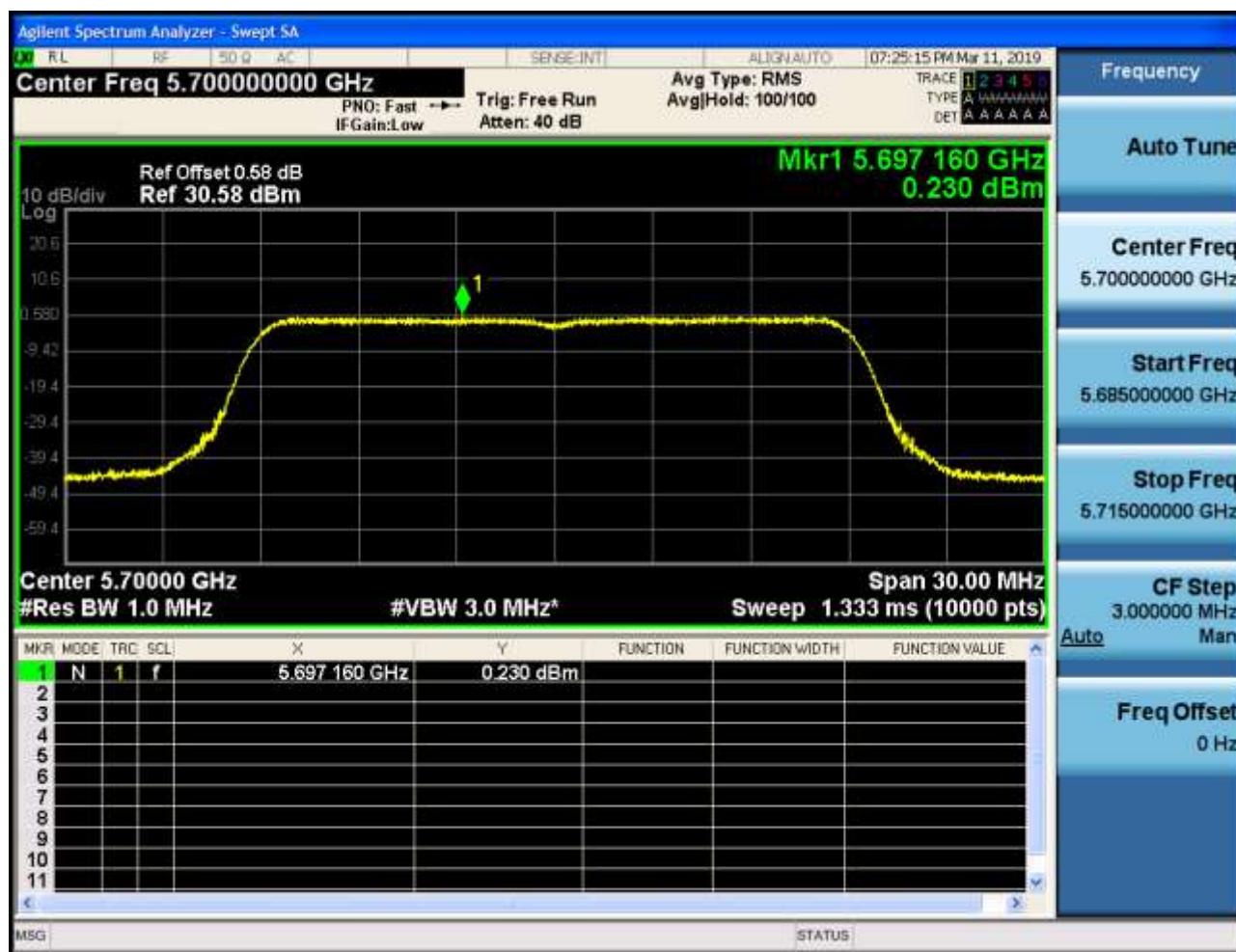


1.13 11N20SISO_Ant1_5500



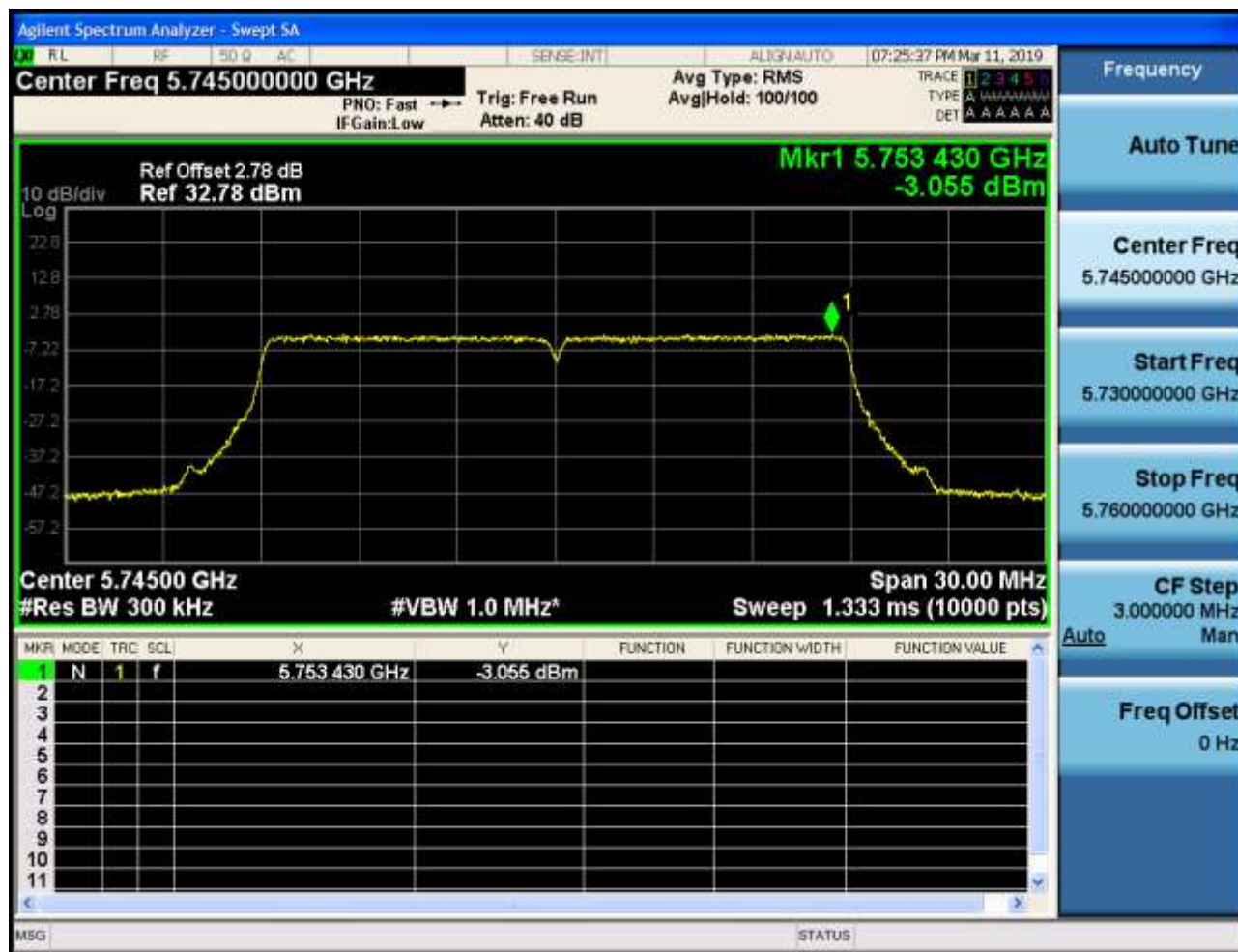


1.14 11N20SISO_Ant1_5700



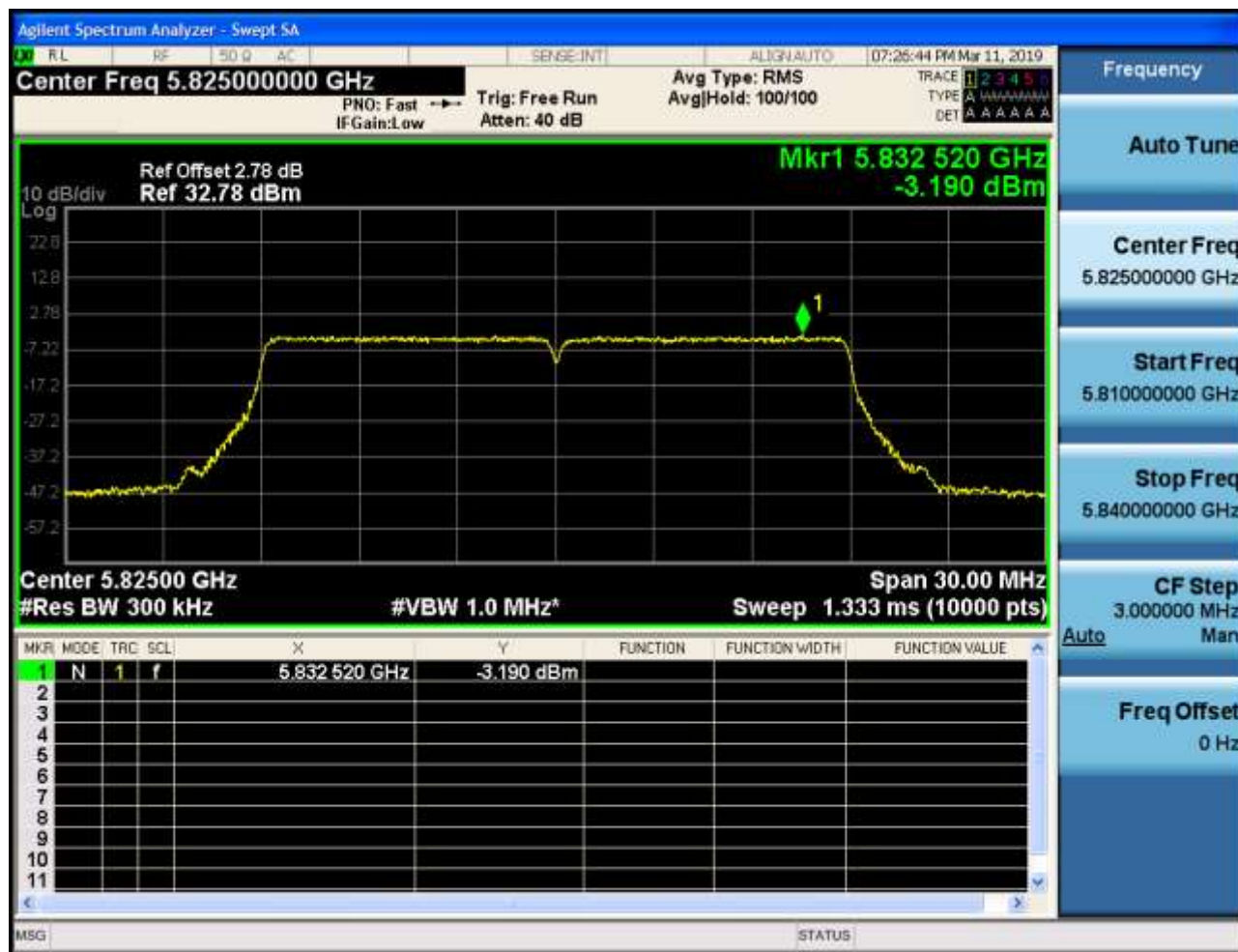


1.15 11N20SISO_Ant1_5745



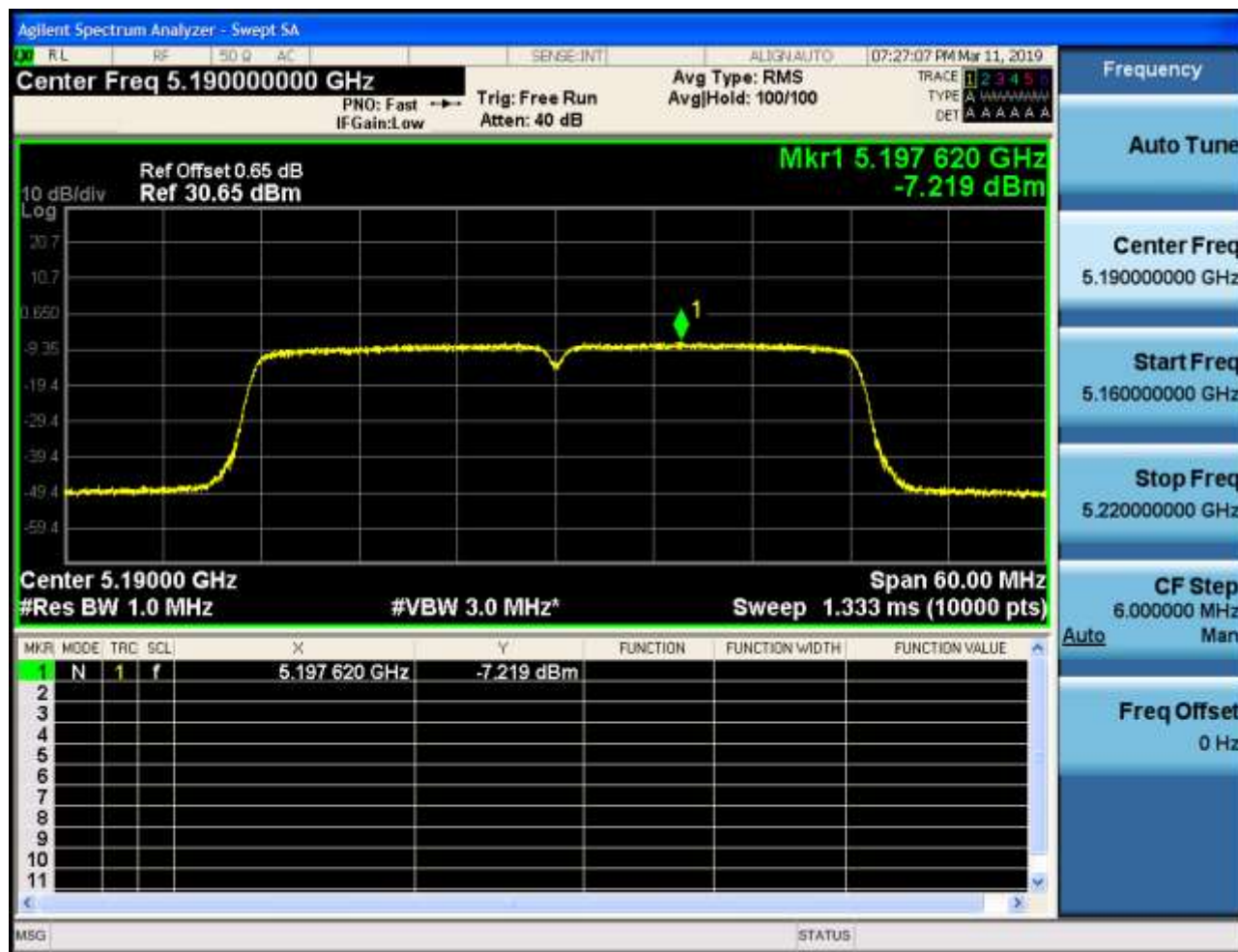


1.16 11N20SISO_Ant1_5825



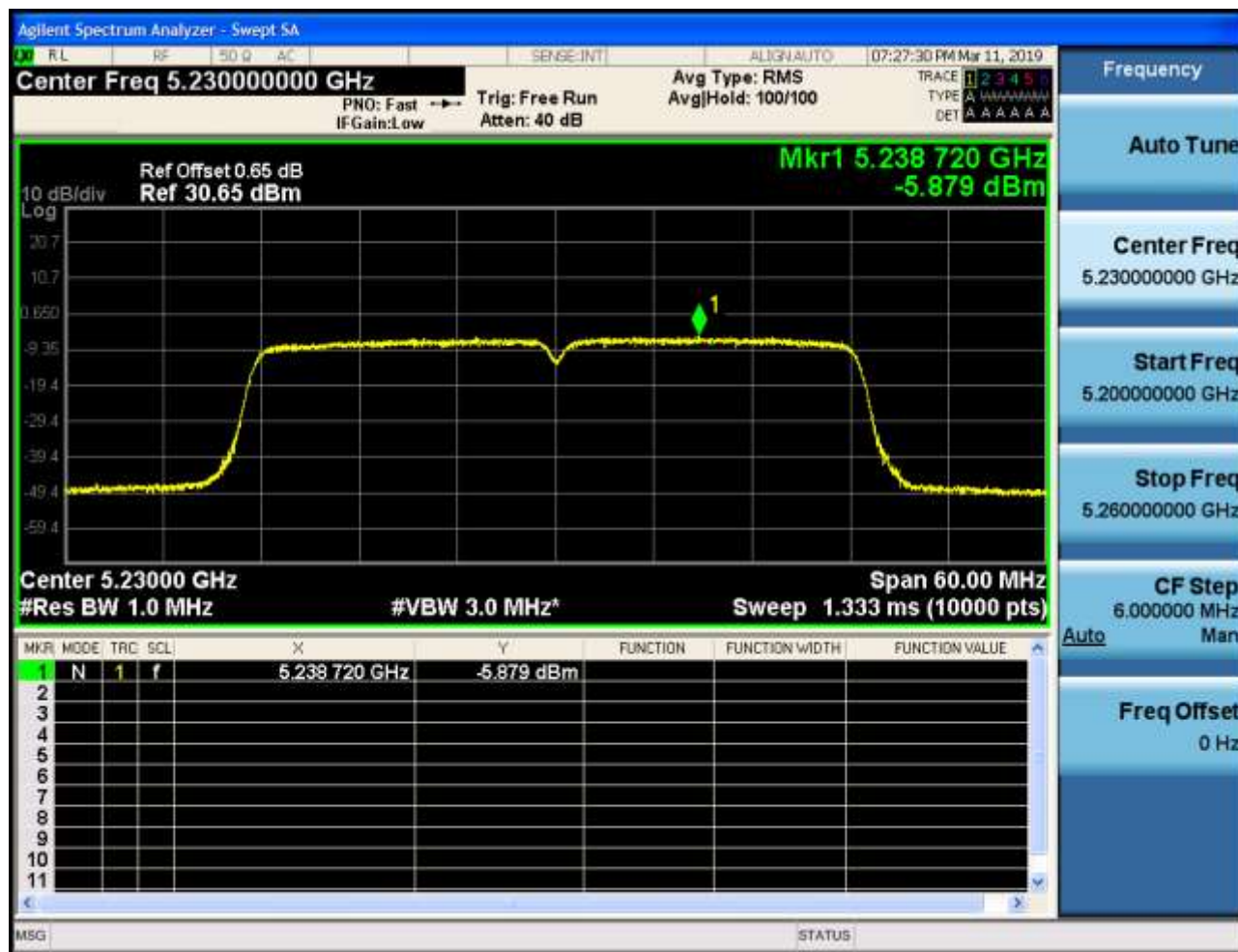


1.17 11N40SISO_Ant1_5190



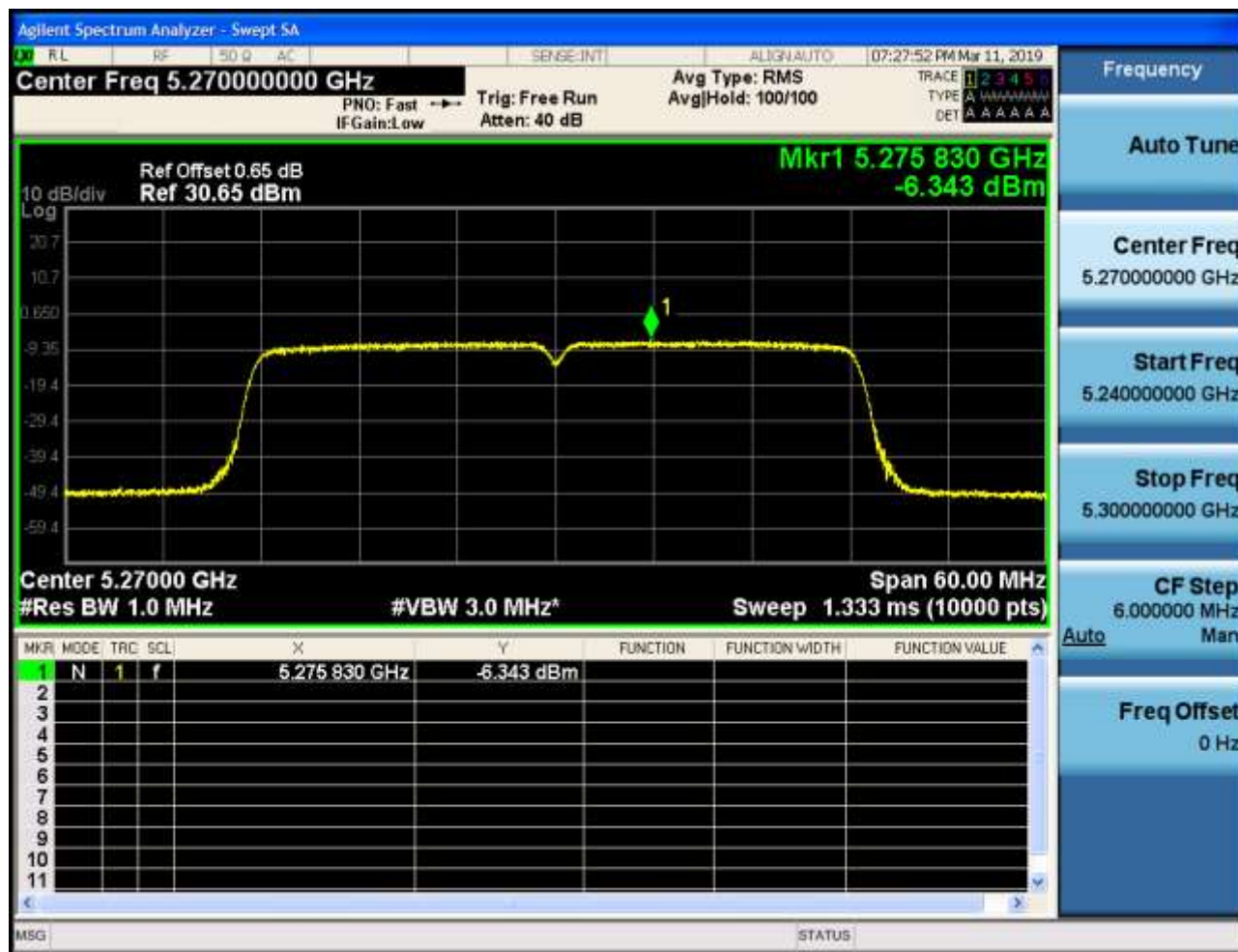


1.18 11N40SISO_Ant1_5230



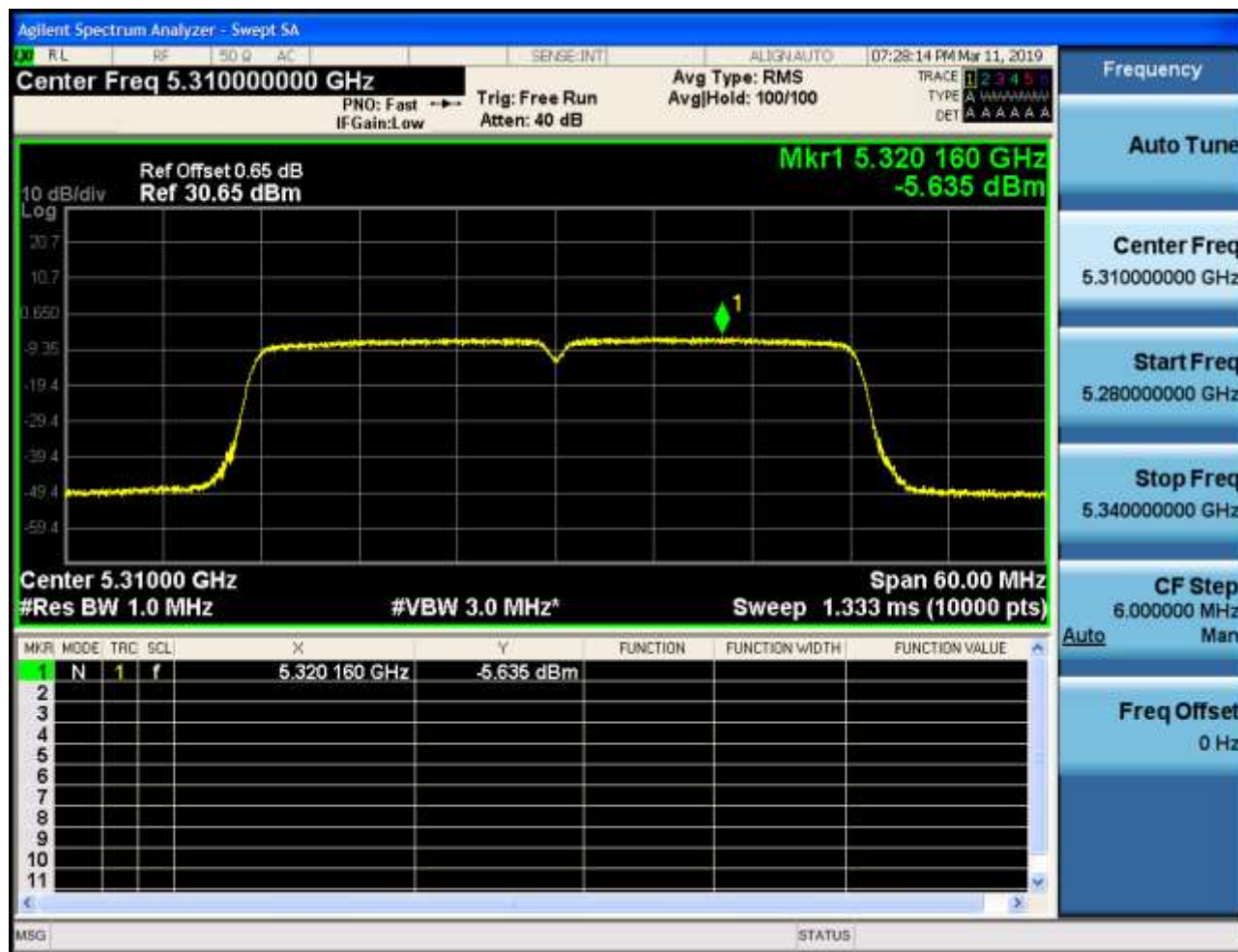


1.19 11N40SISO_Ant1_5270



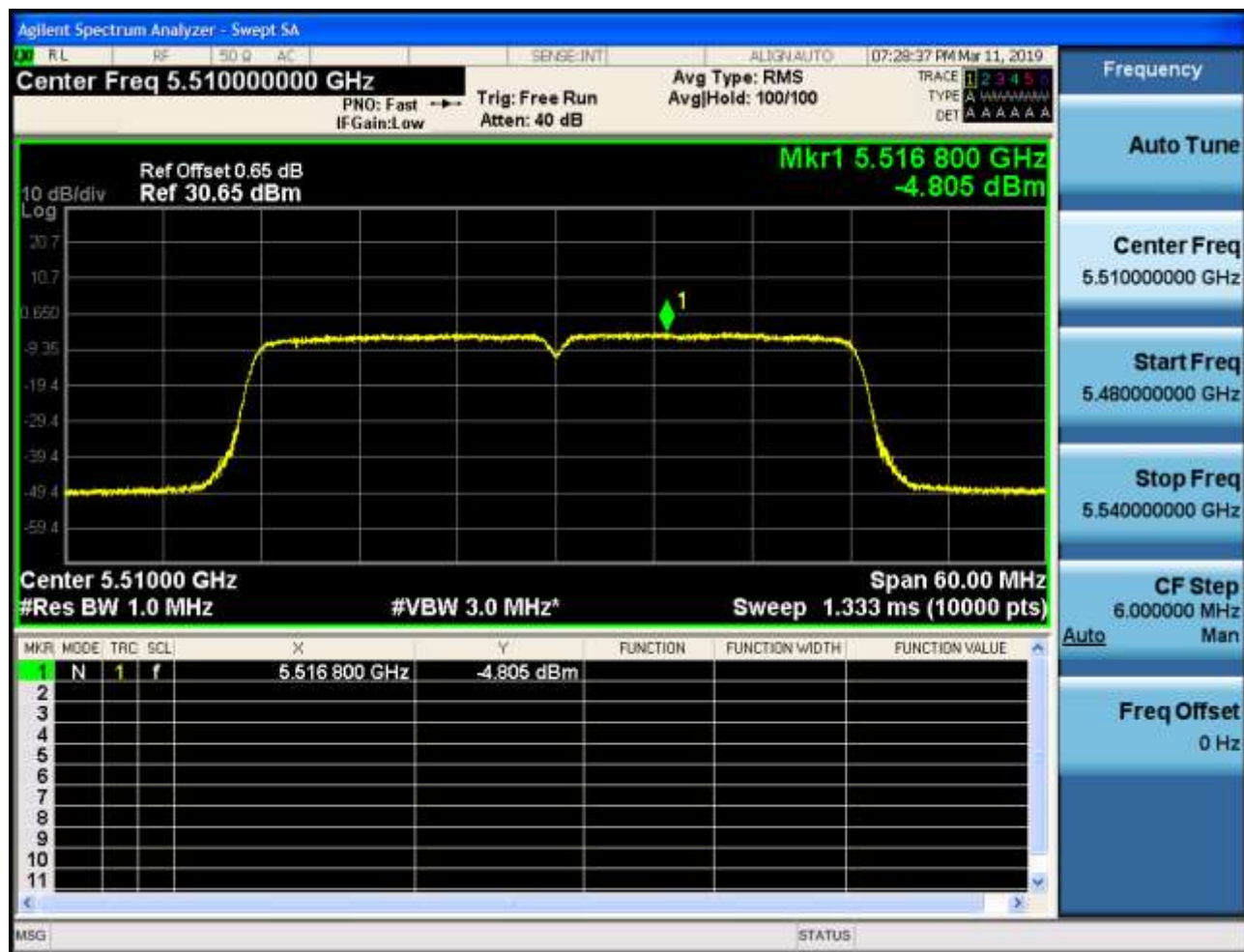


1.20 11N40SISO_Ant1_5310



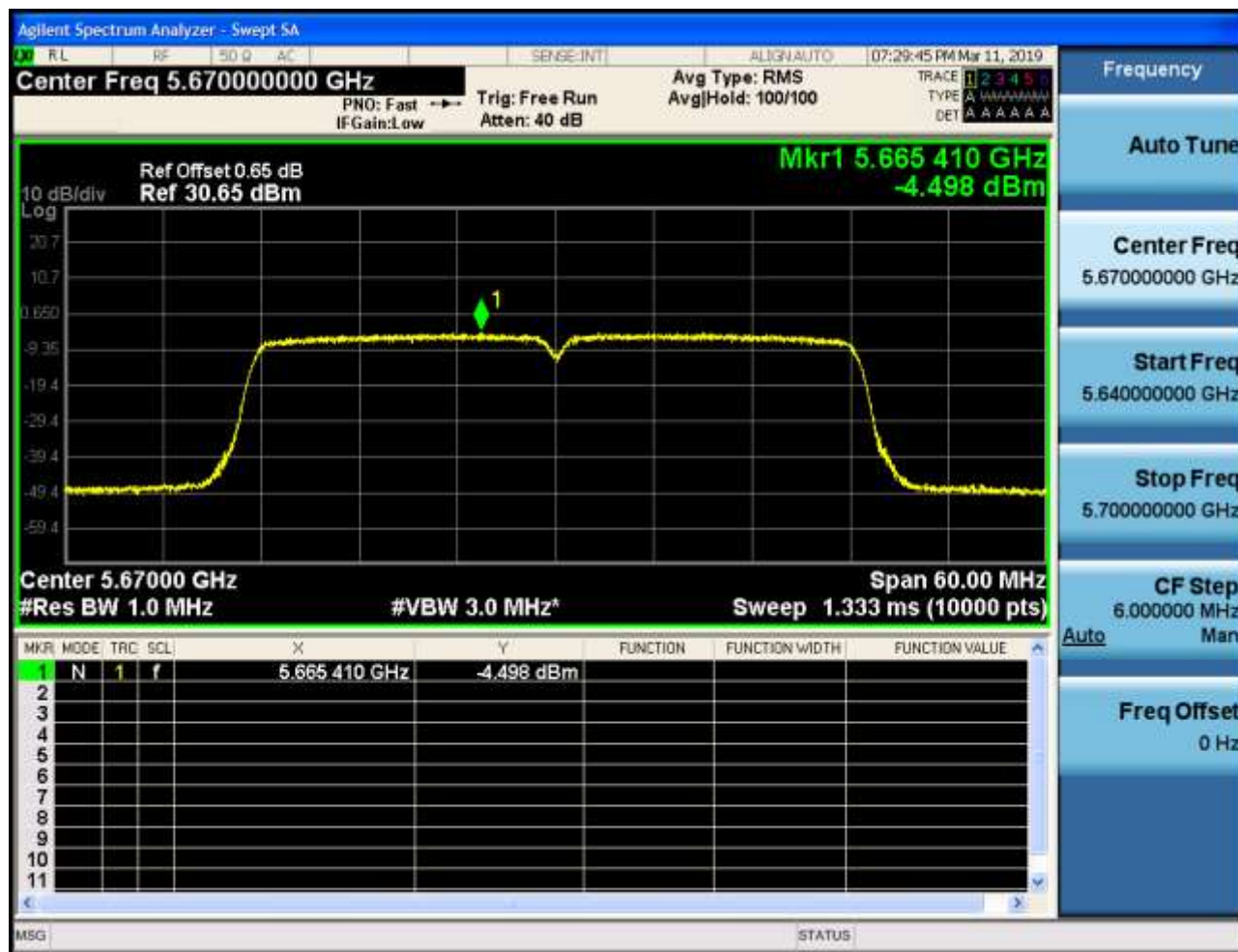


1.21 11N40SISO_Ant1_5510



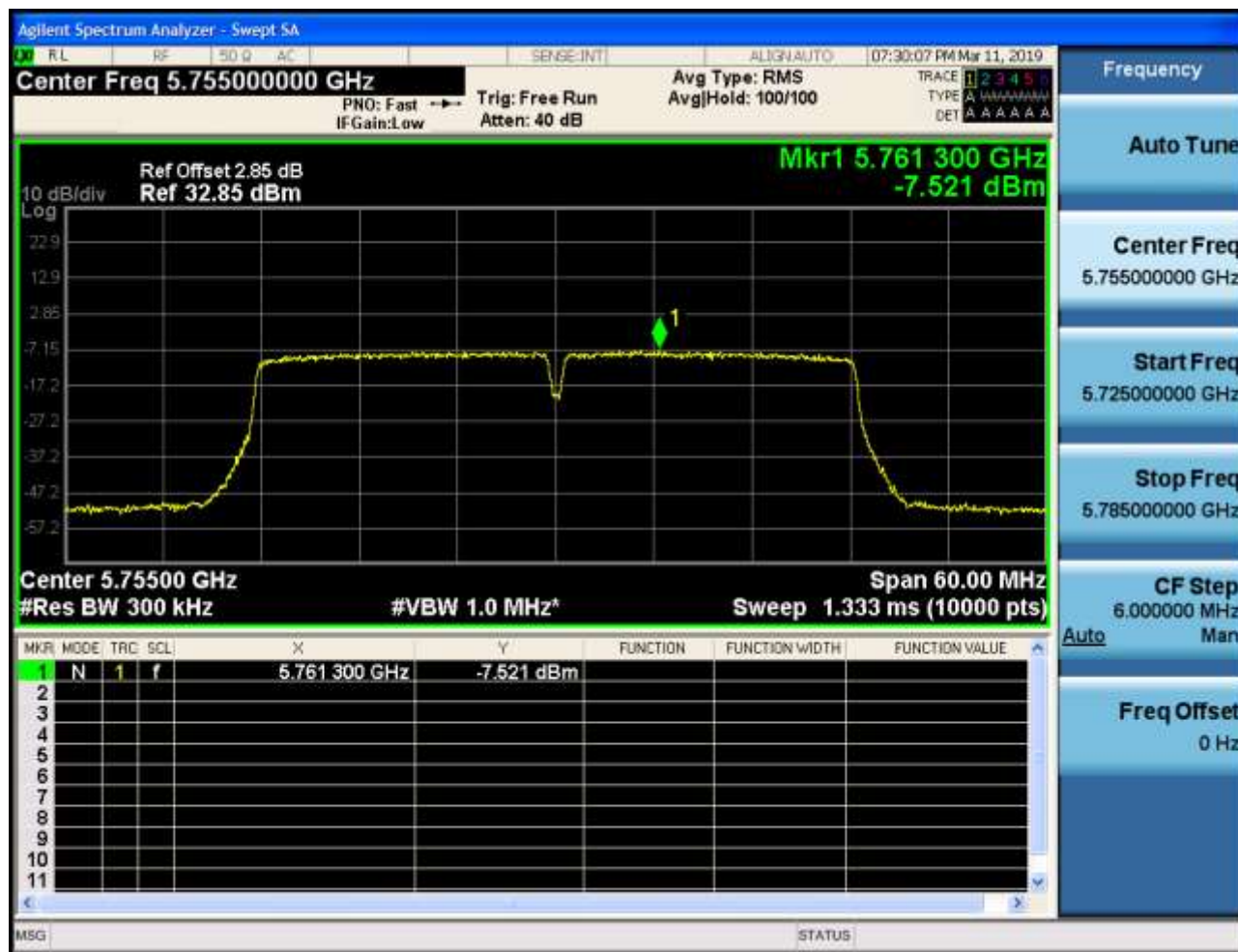


1.22 11N40SISO_Ant1_5670



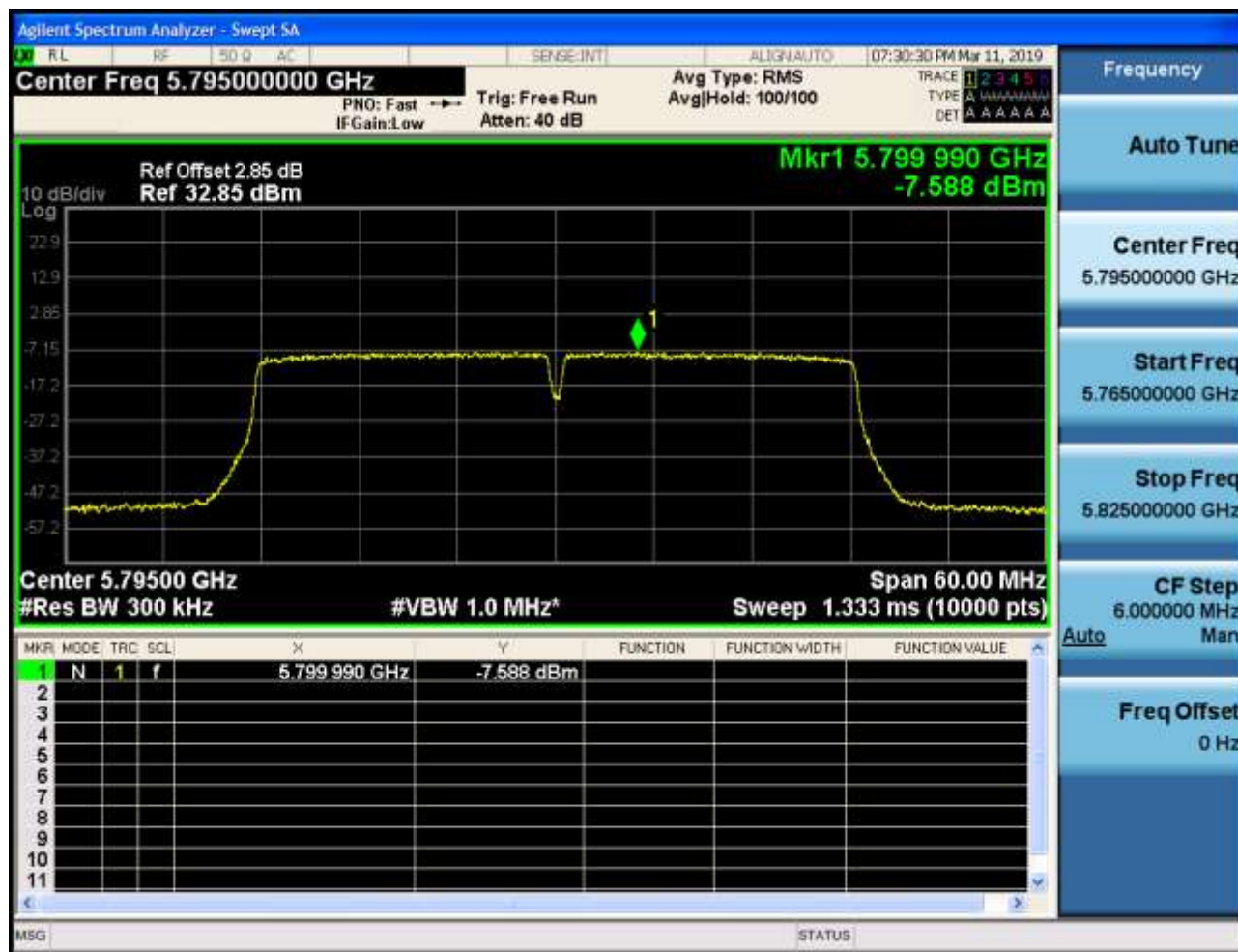


1.23 11N40SISO_Ant1_5755



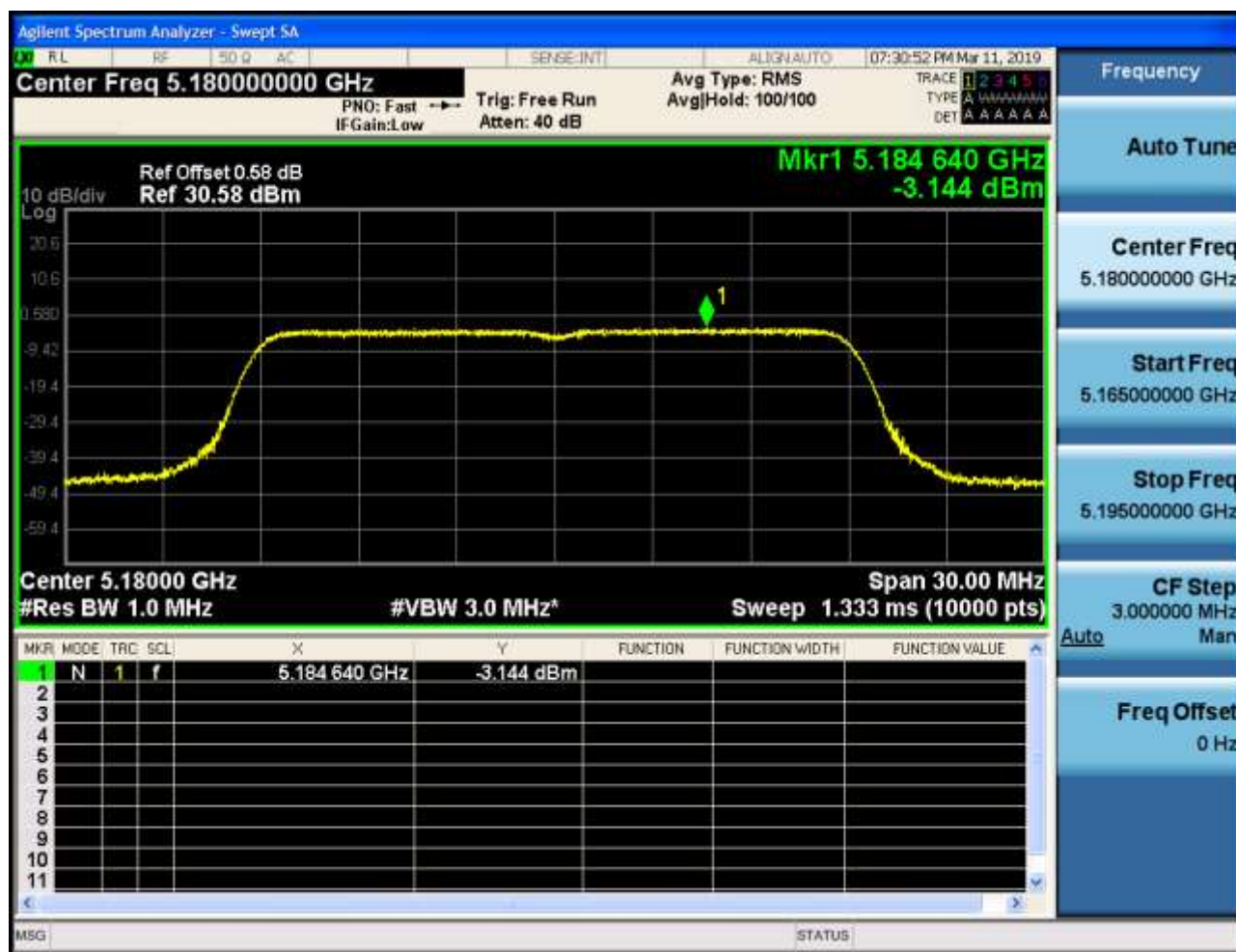


1.24 11N40SISO_Ant1_5795



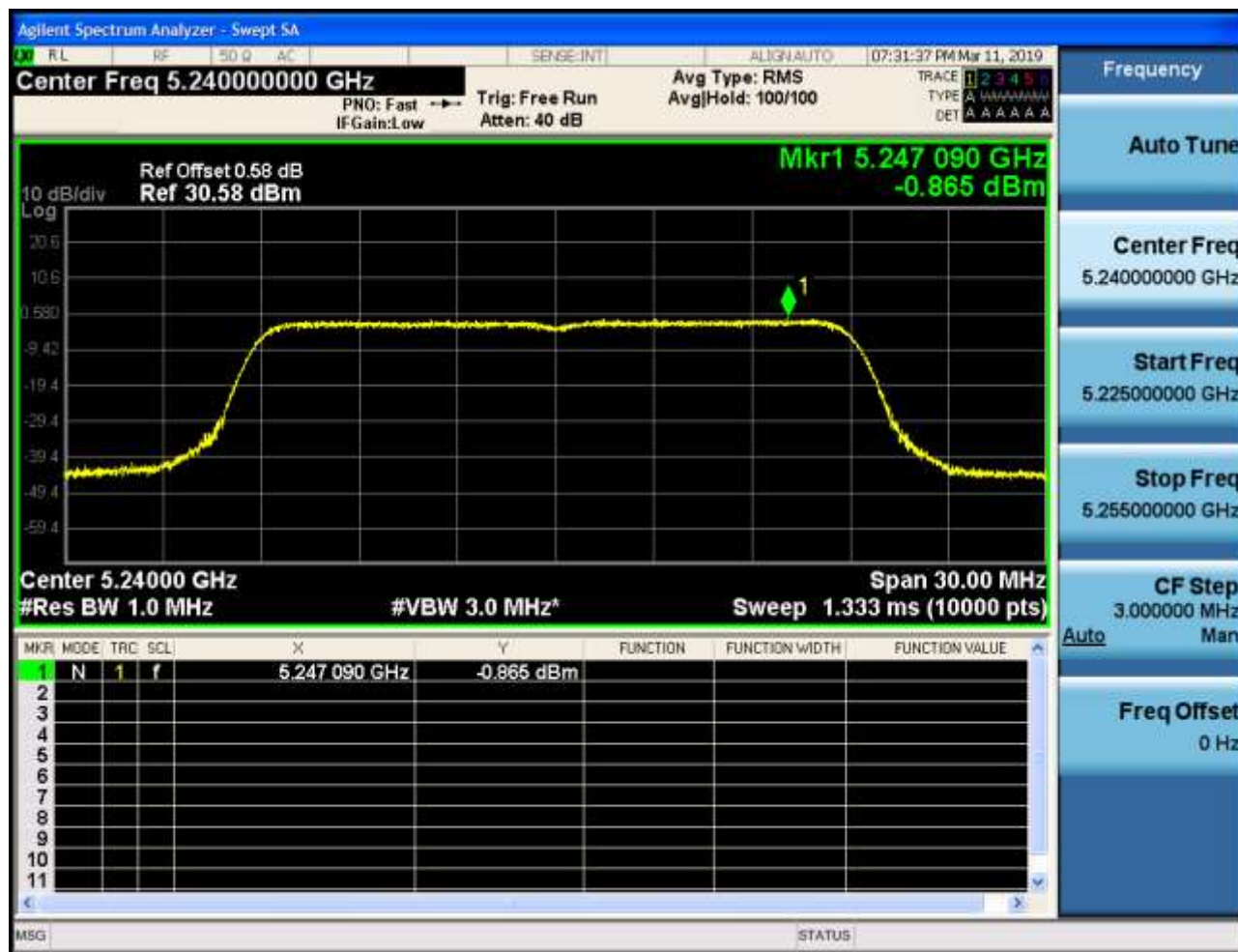


1.25 11AC20SISO_Ant1_5180



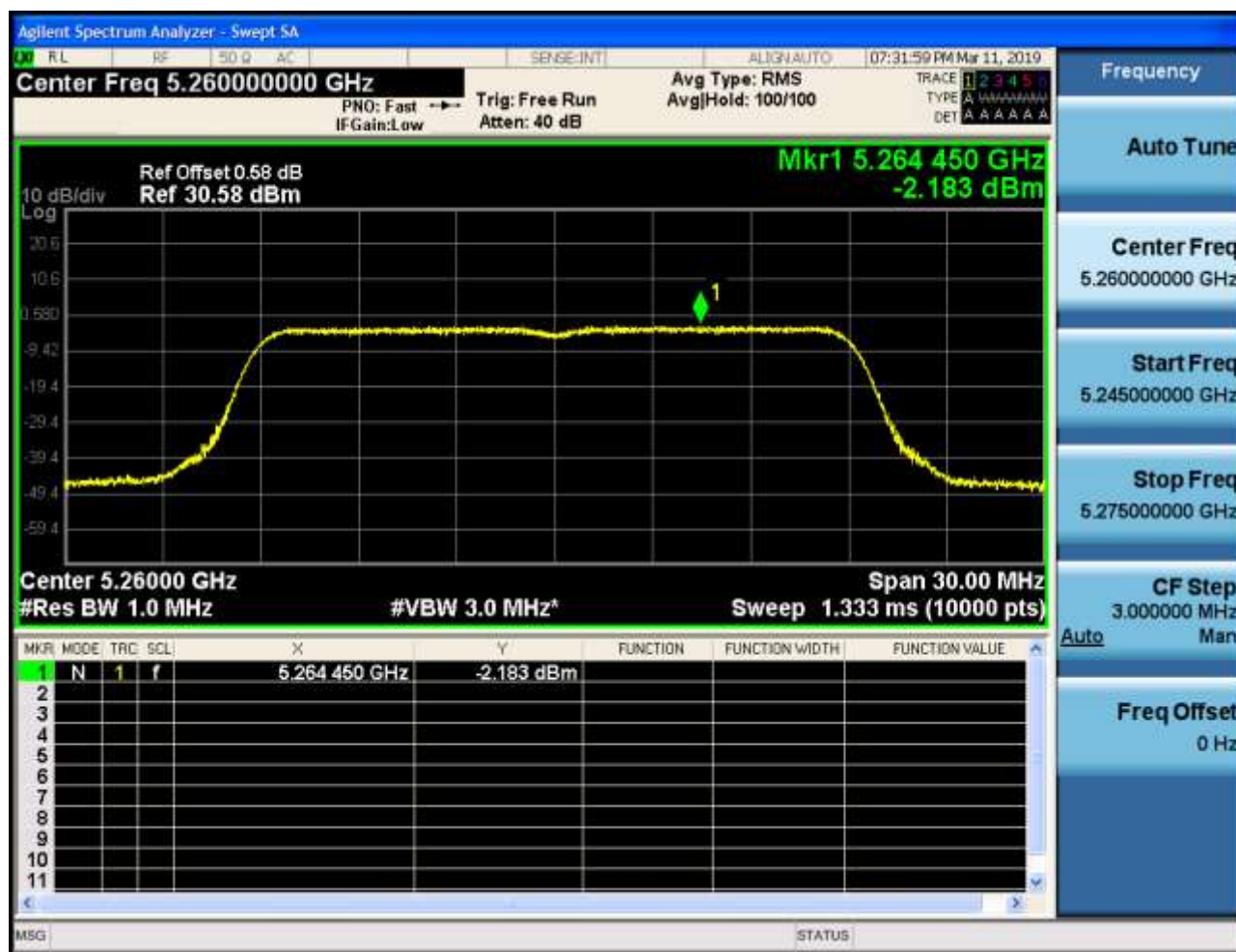


1.26 11AC20SISO_Ant1_5240



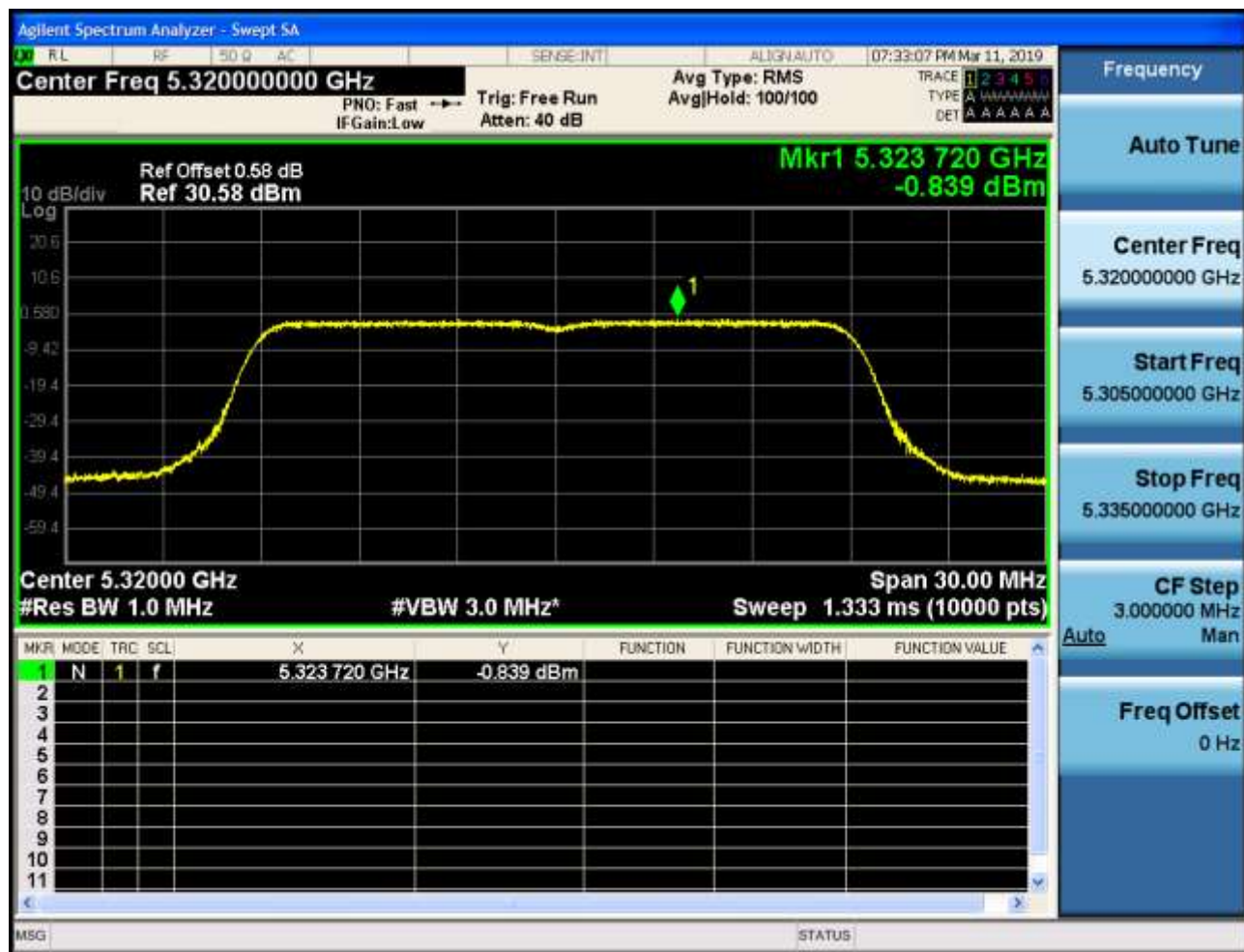


1.27 11AC20SISO_Ant1_5260



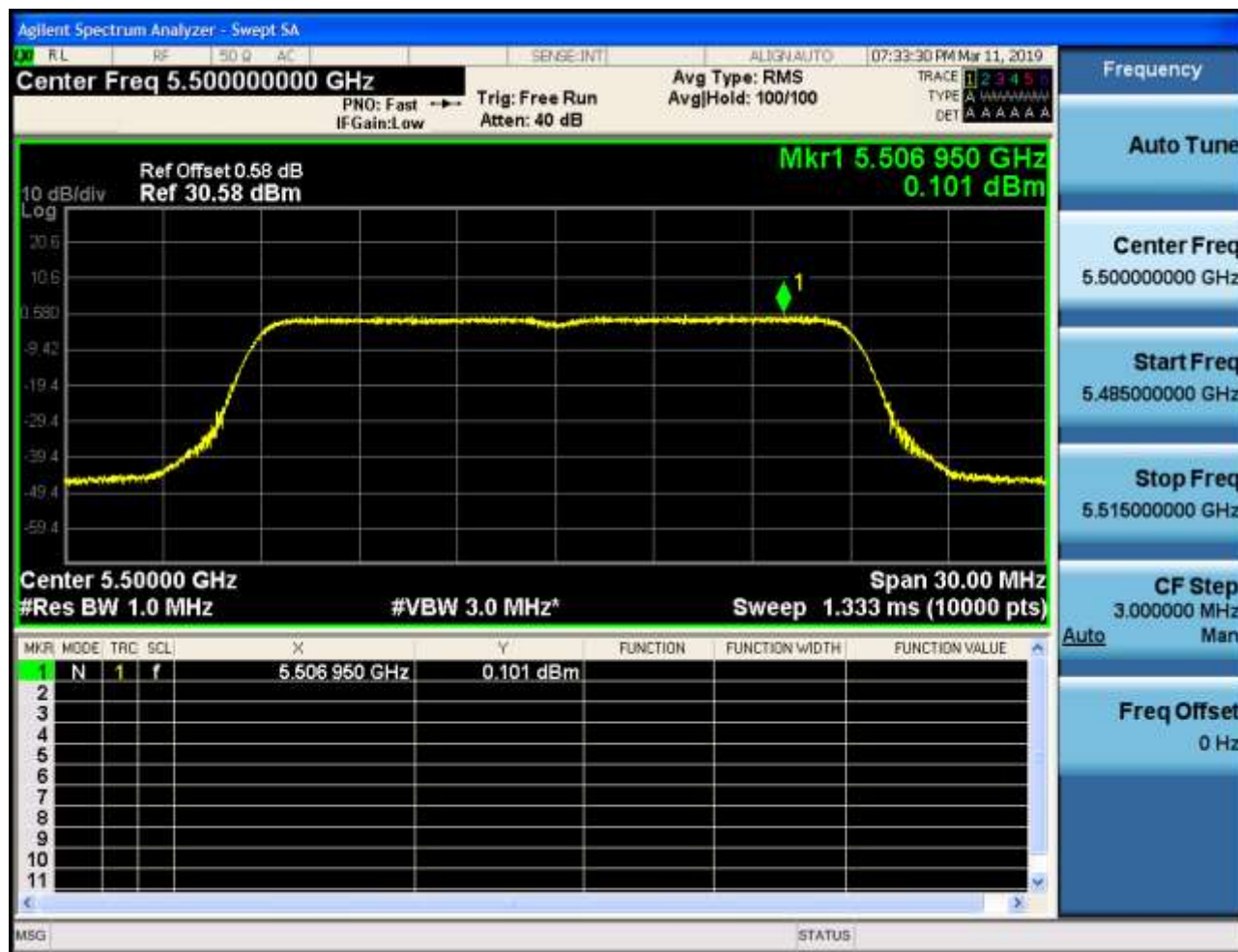


1.28 11AC20SISO_Ant1_5320



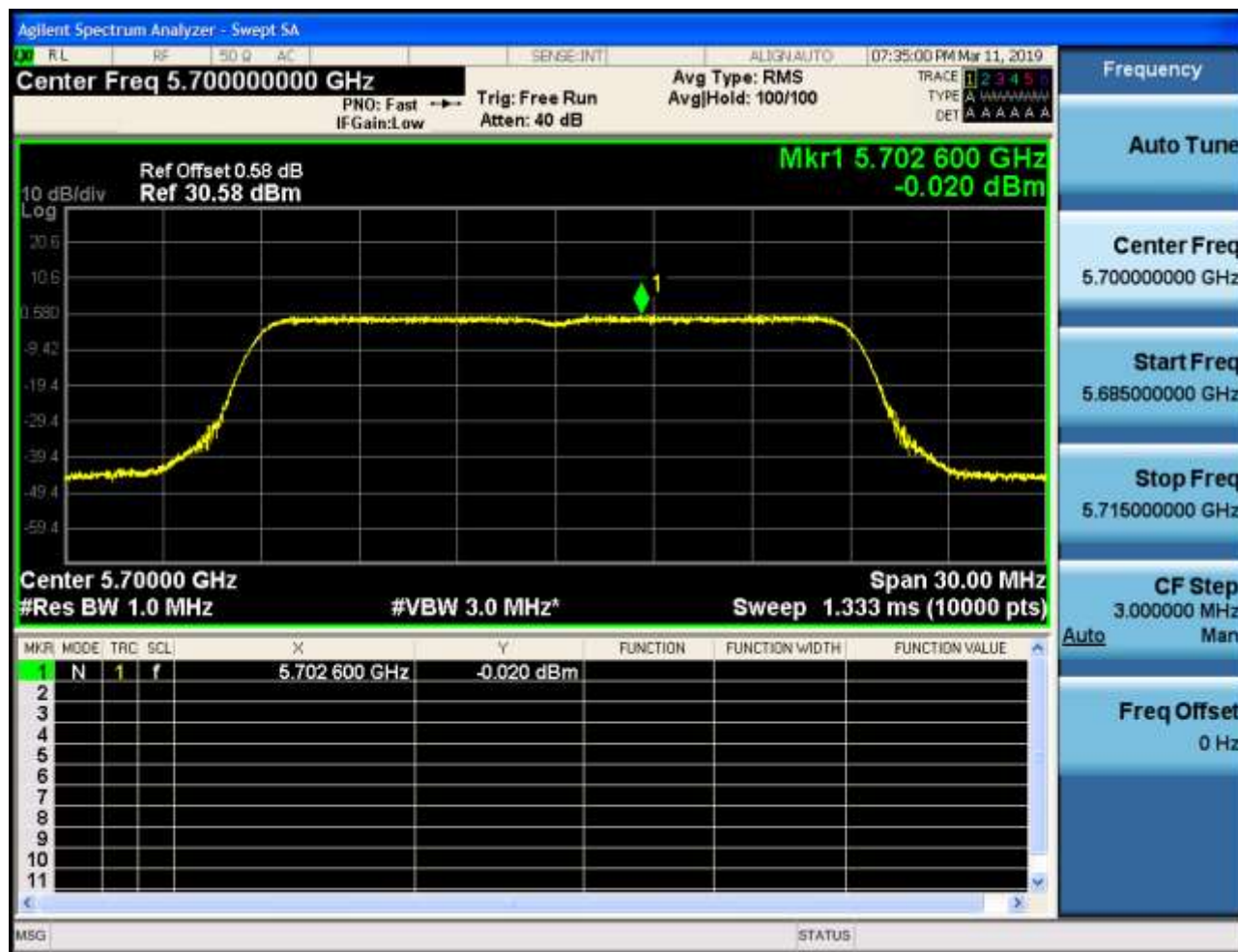


1.26 11AC20SISO_Ant1_5500



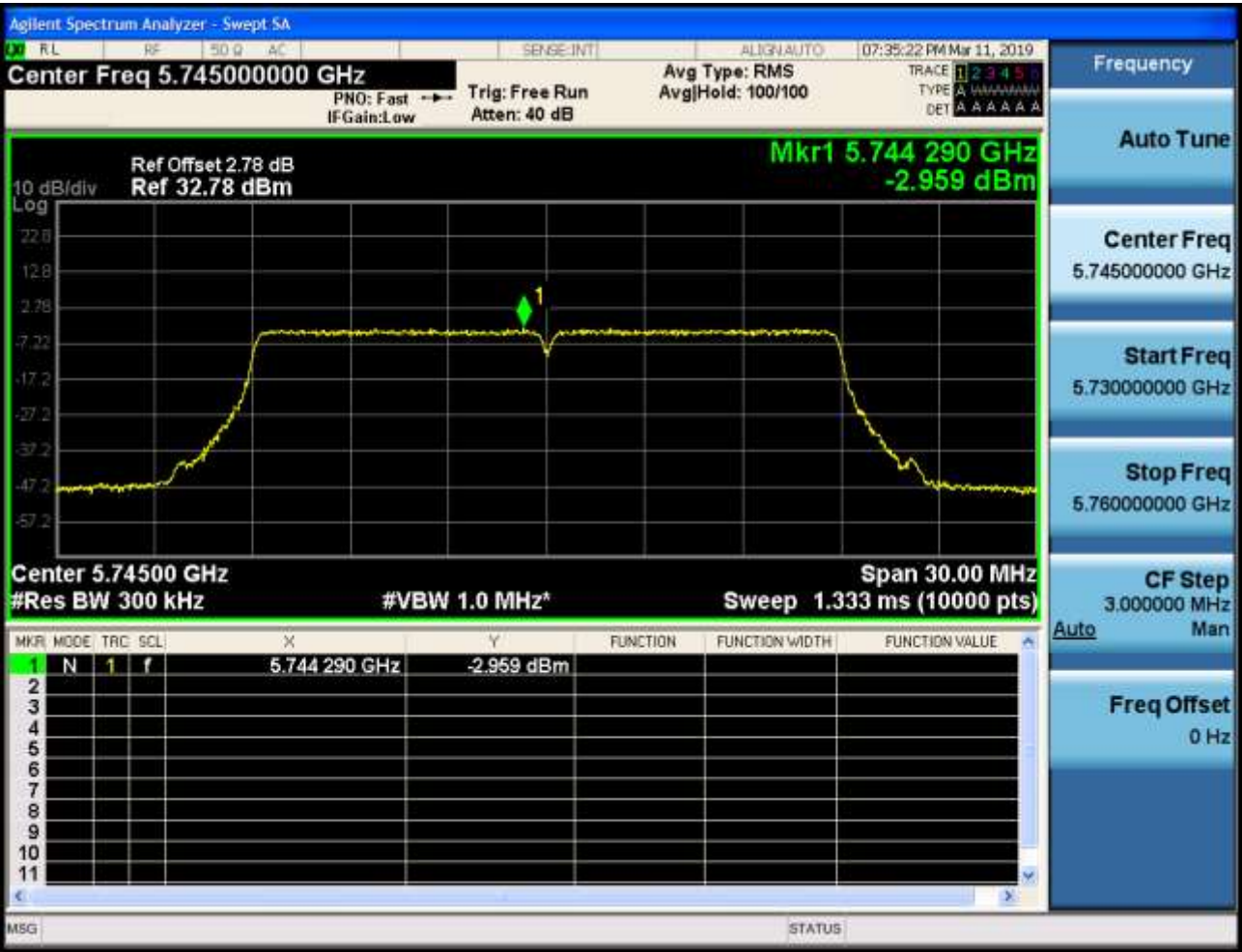


1.30 11AC20SISO_Ant1_5700



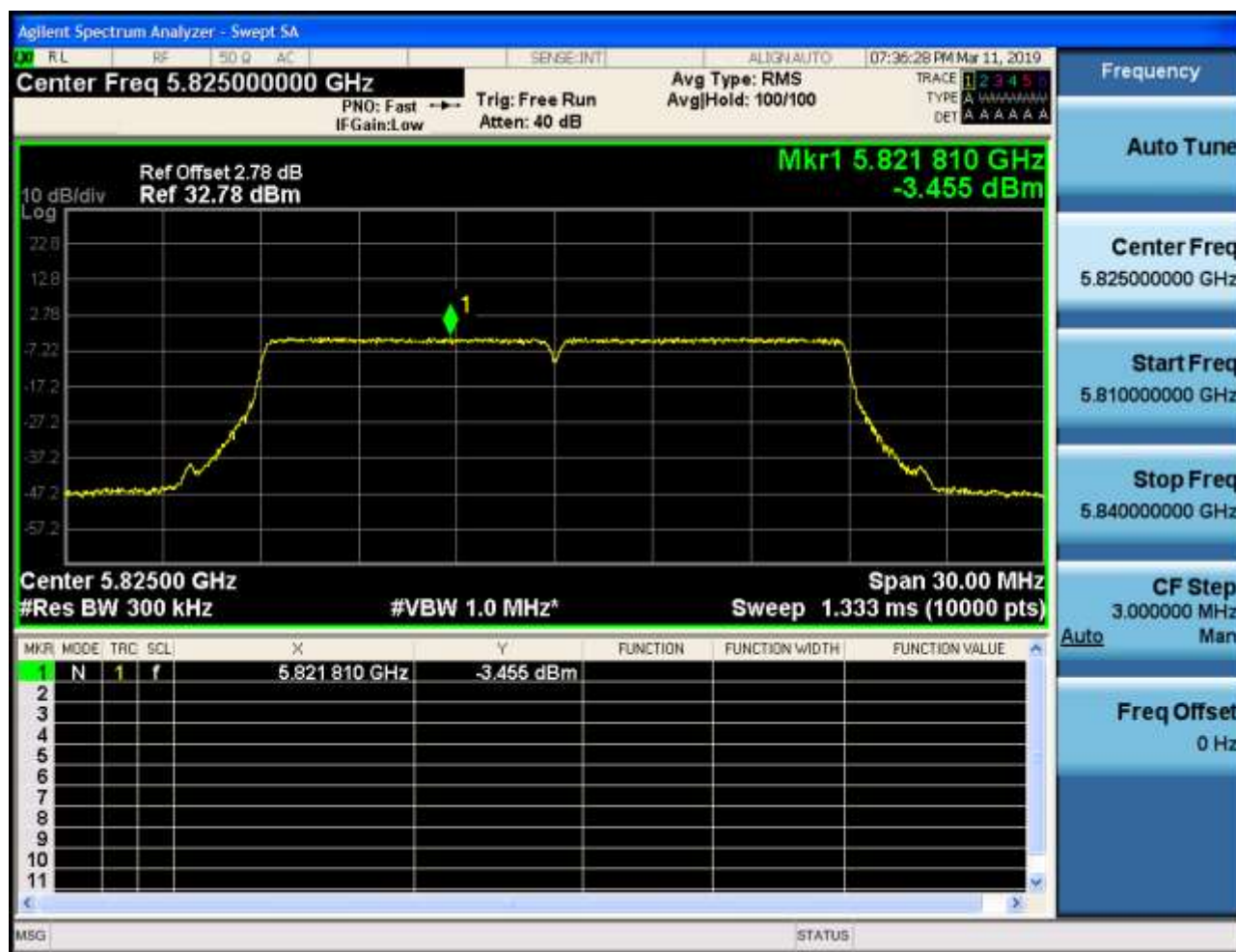


1.31 11AC20SISO_Ant1_5745



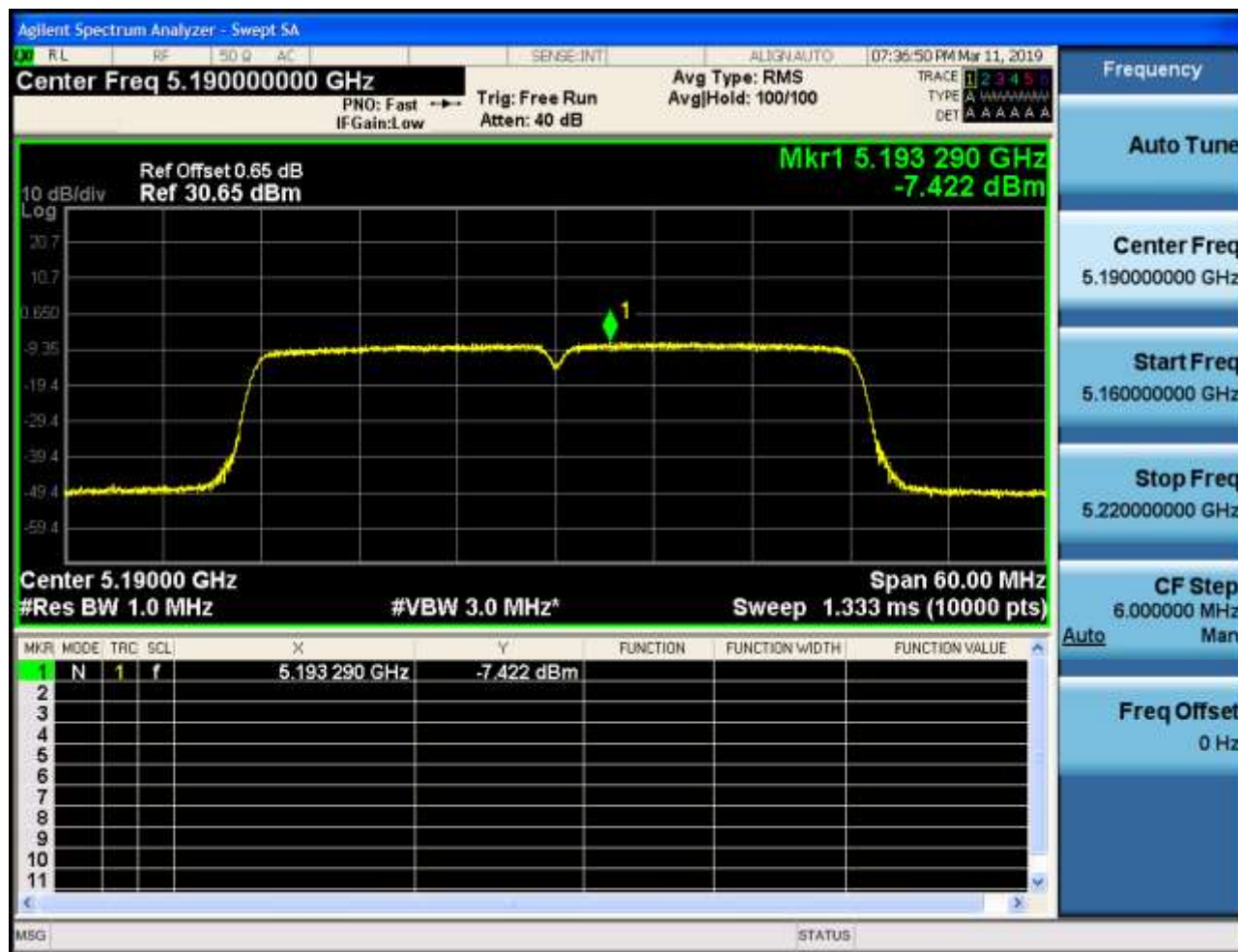


1.32 11AC20SISO_Ant1_5825



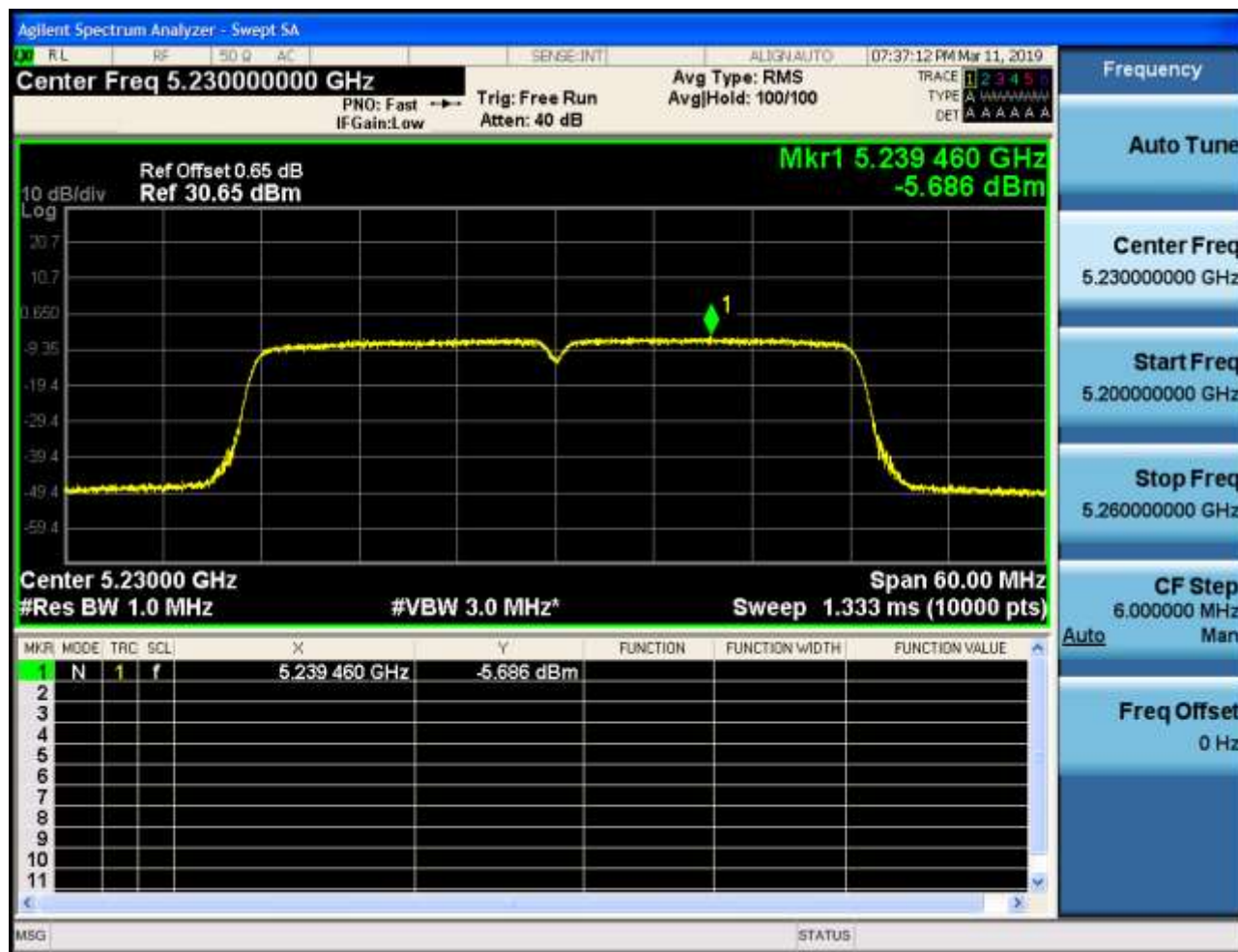


1.33 11AC40SISO_Ant1_5190



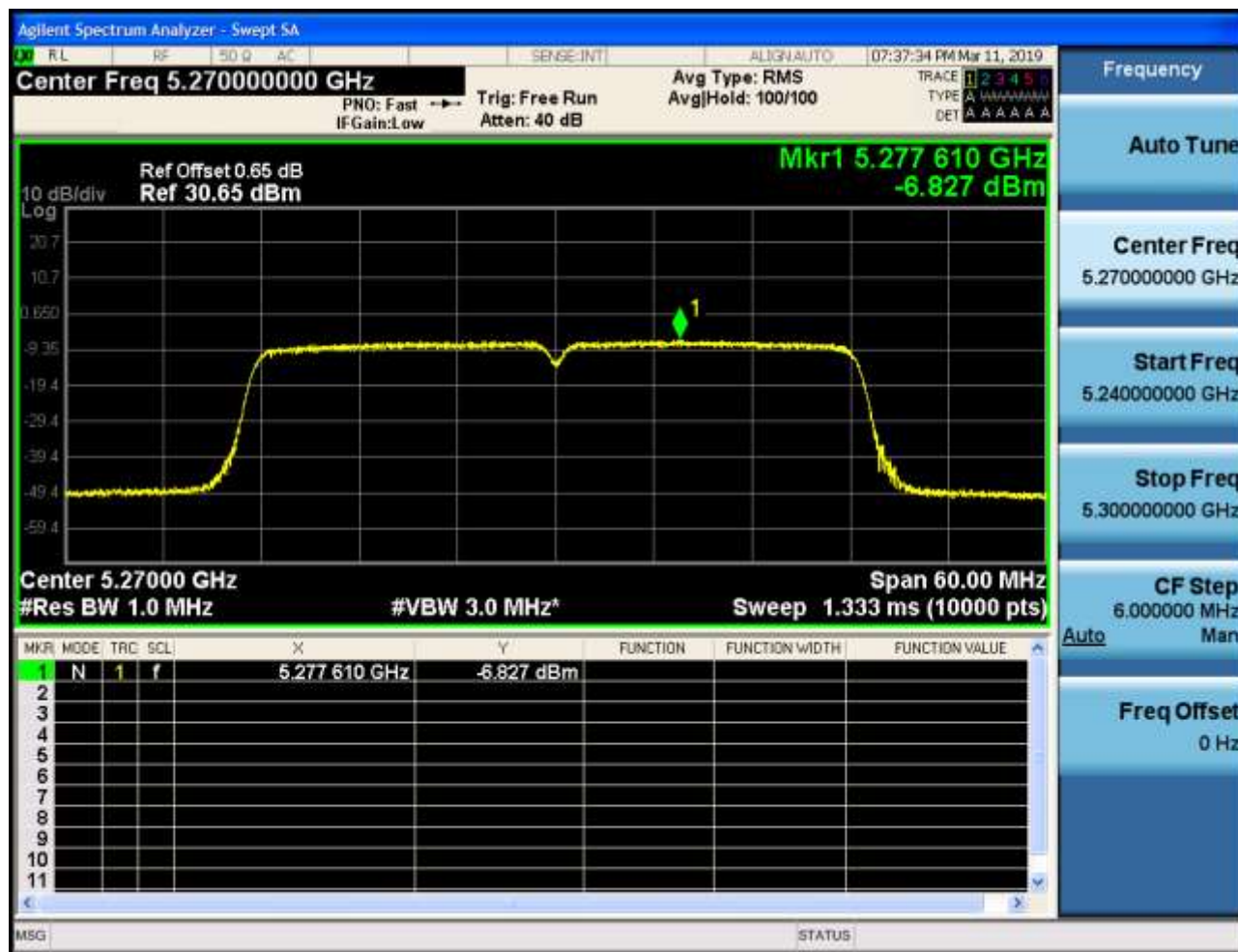


1.34 11AC40SISO_Ant1_5230



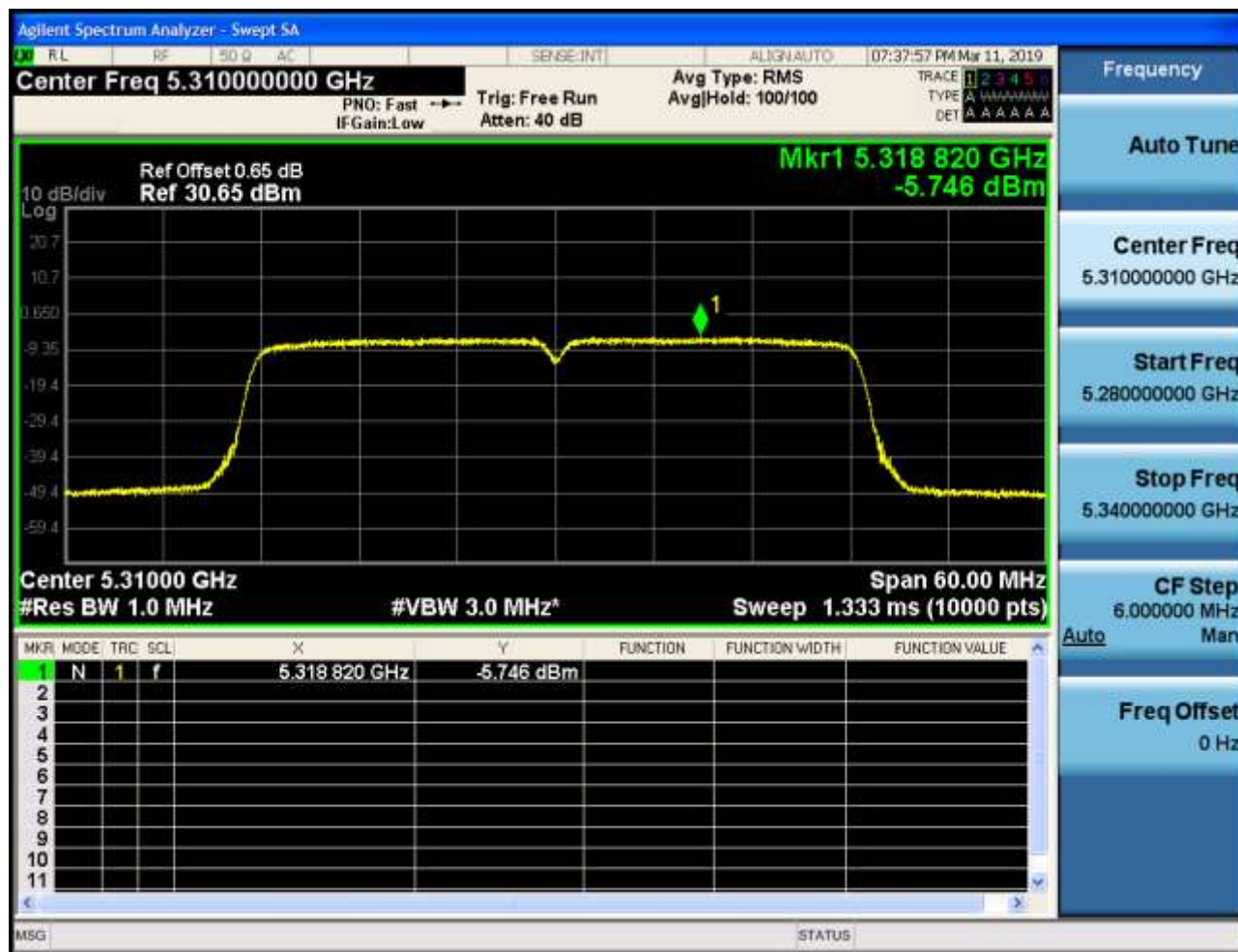


1.35 11AC40SISO_Ant1_5270



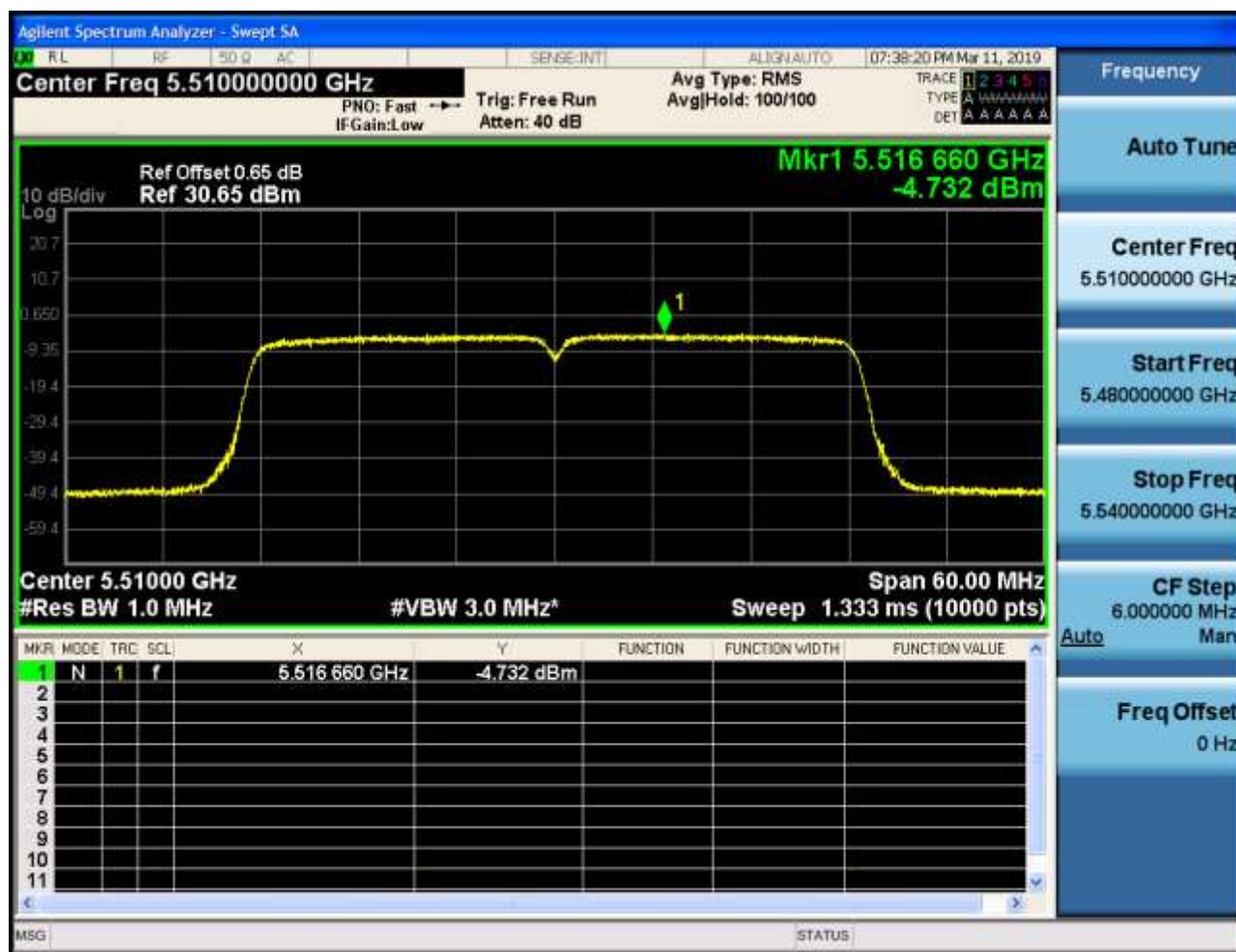


1.36 11AC40SISO_Ant1_5310



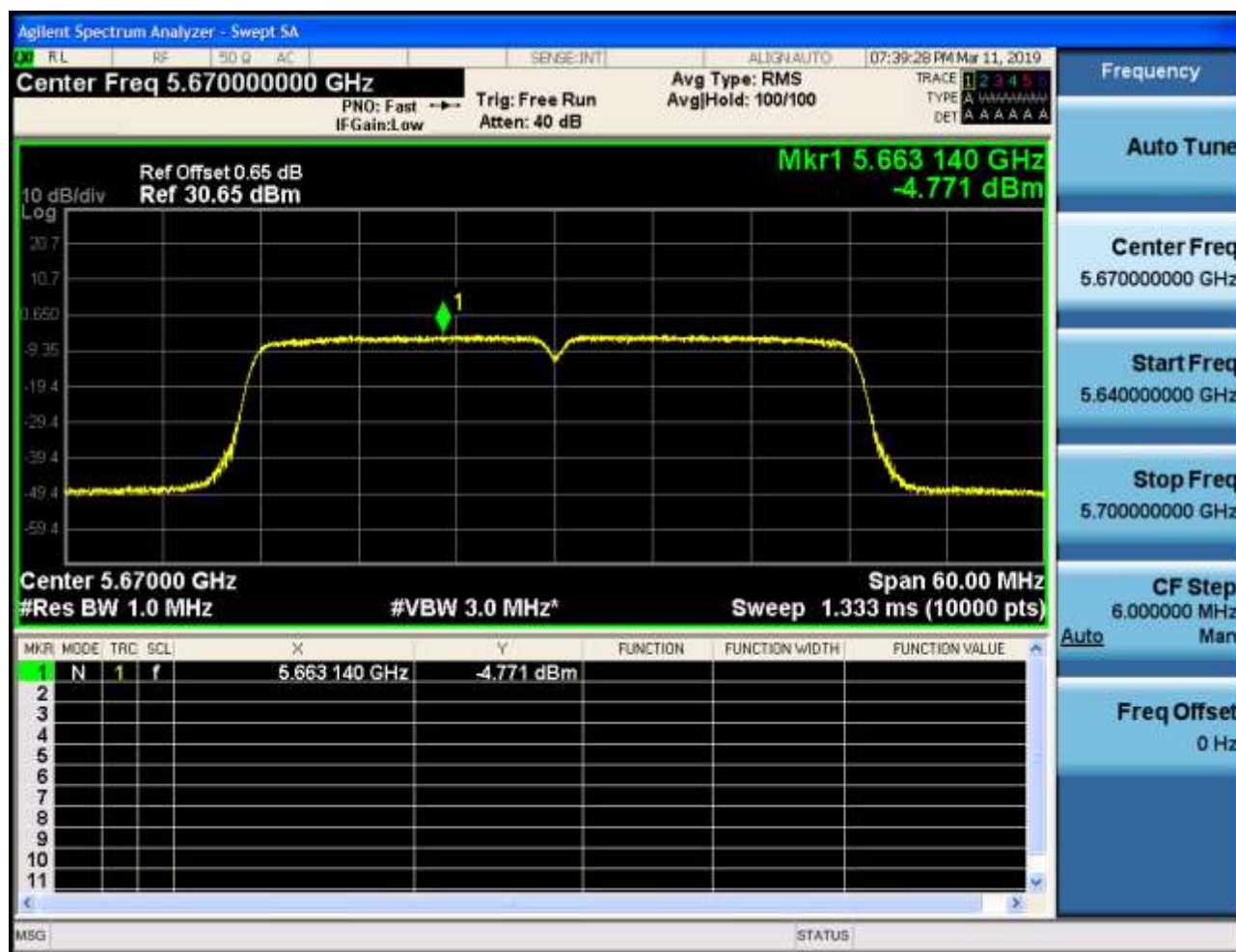


1.37 11AC40SISO_Ant1_5510

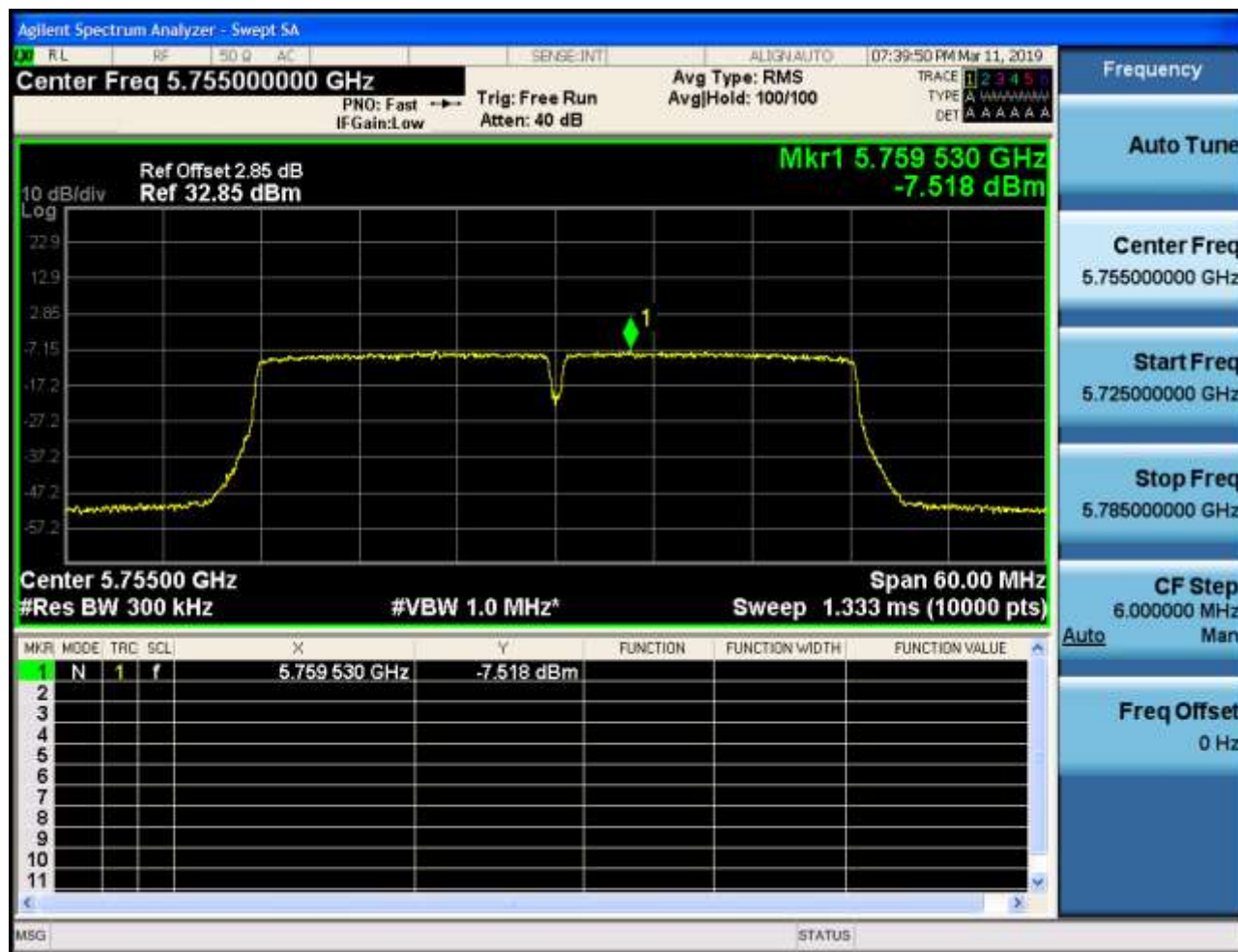




1.38 11AC40SISO_Ant1_5670

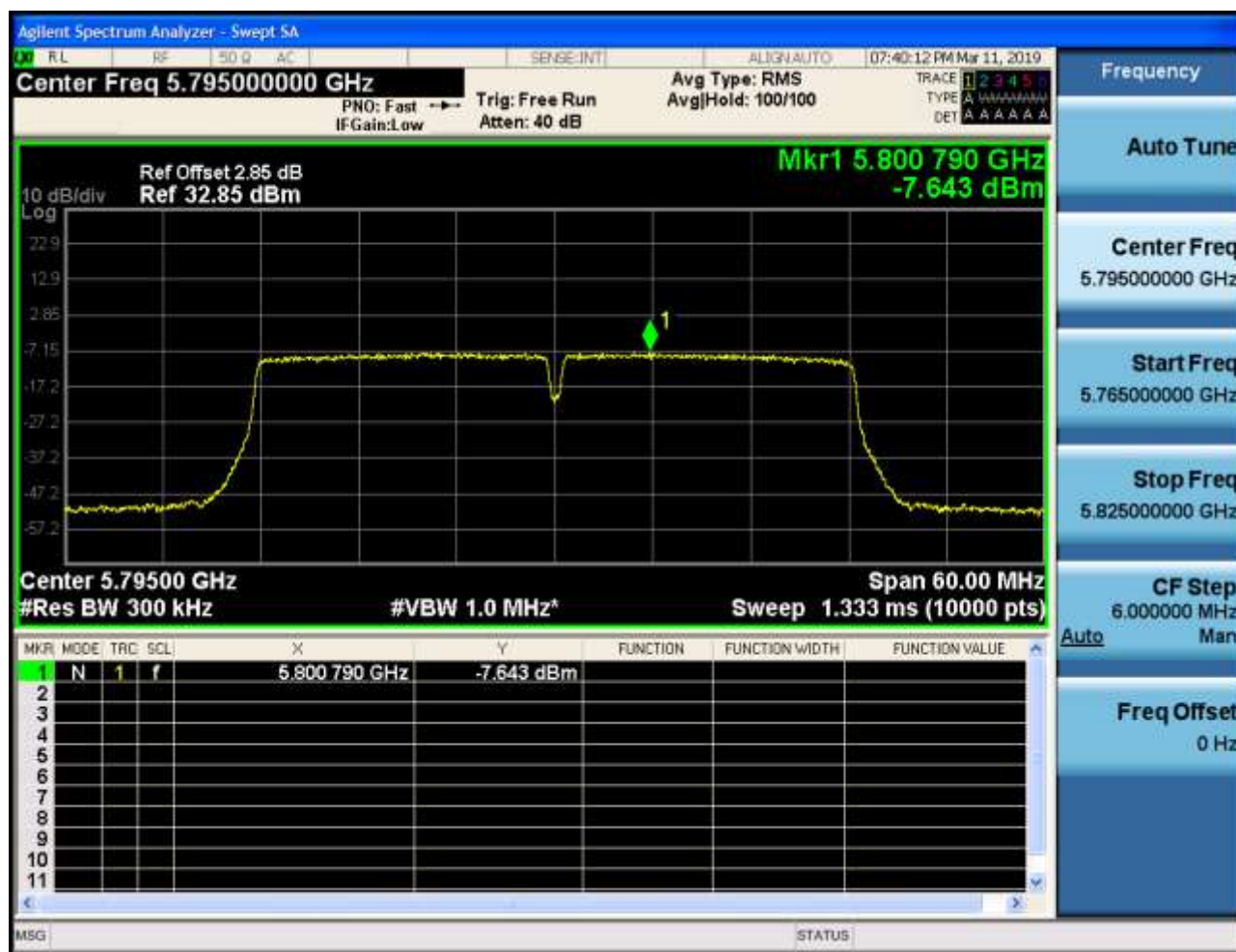


1.39 11AC40SISO_Ant1_5755



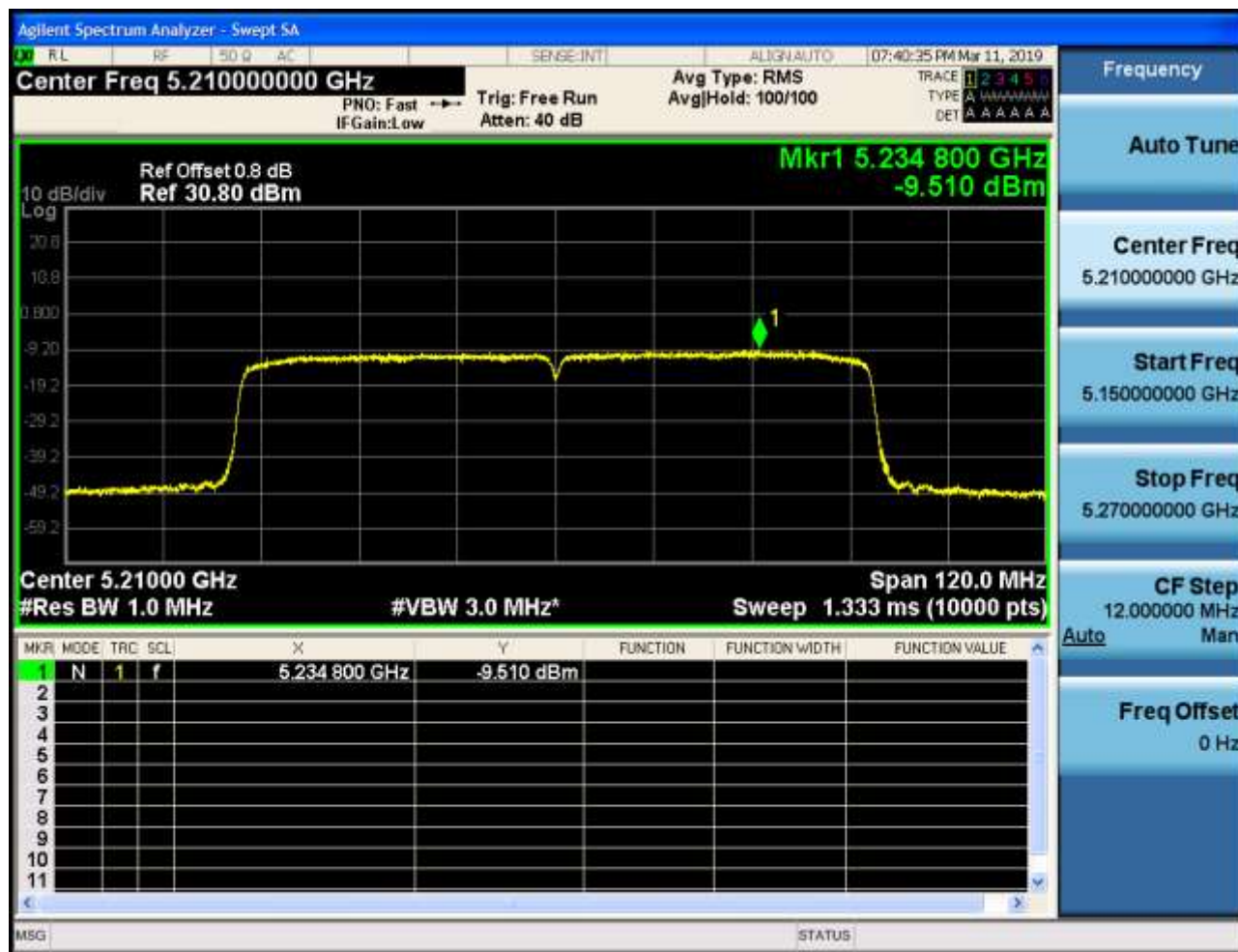


1.40 11AC40SISO_Ant1_5795

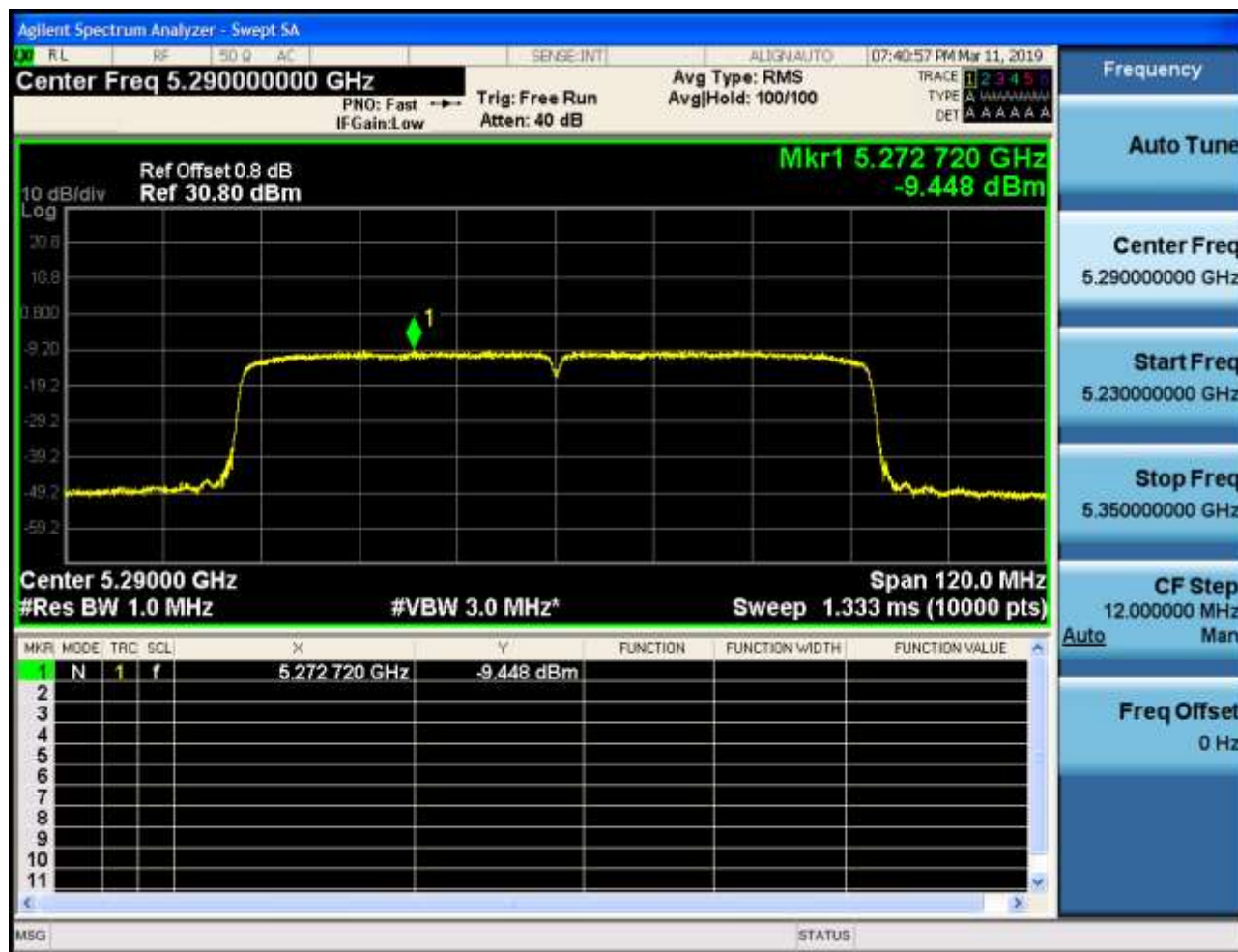




1.41 11AC80SISO_Ant1_5210

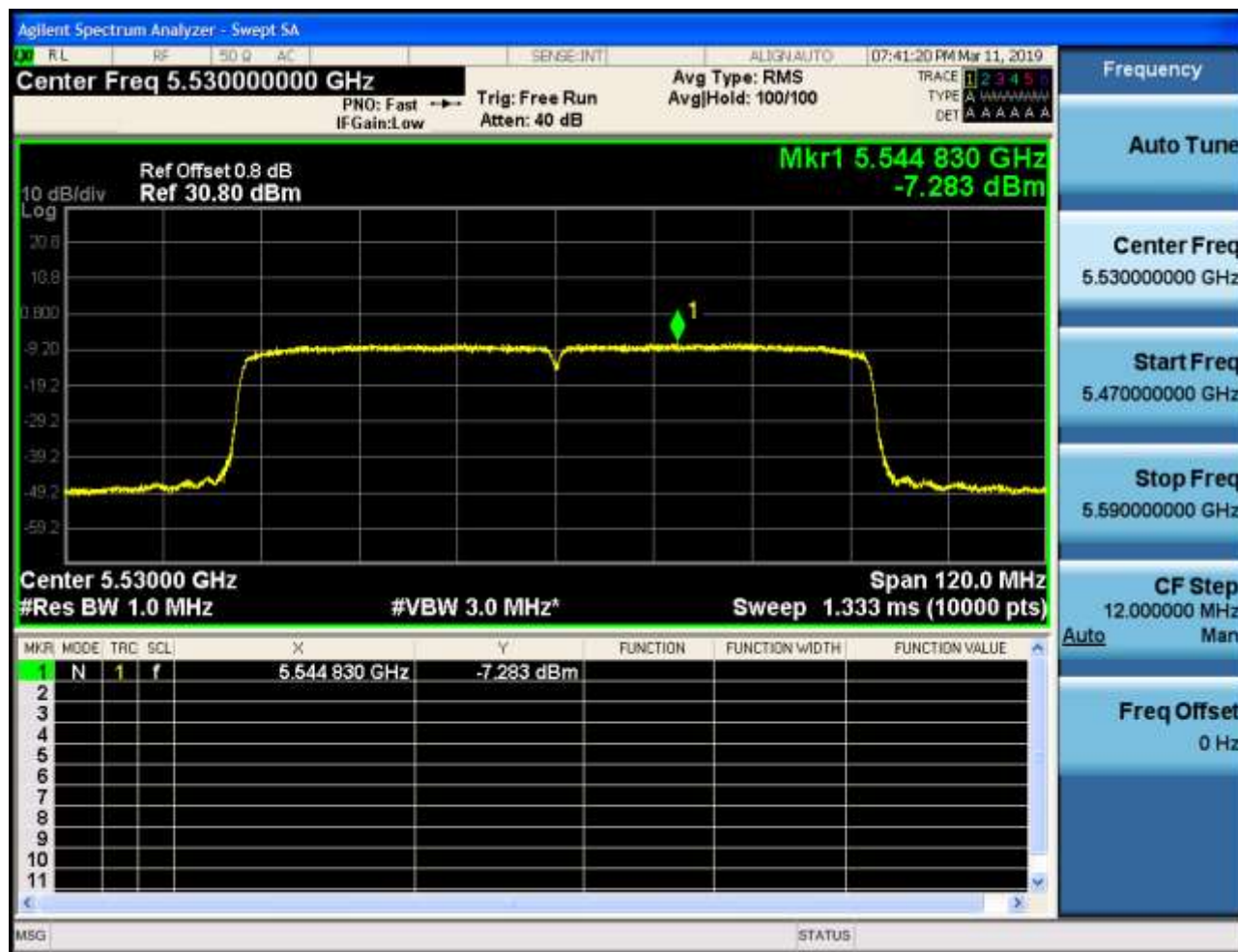


1.42 11AC80SISO_Ant1_5290



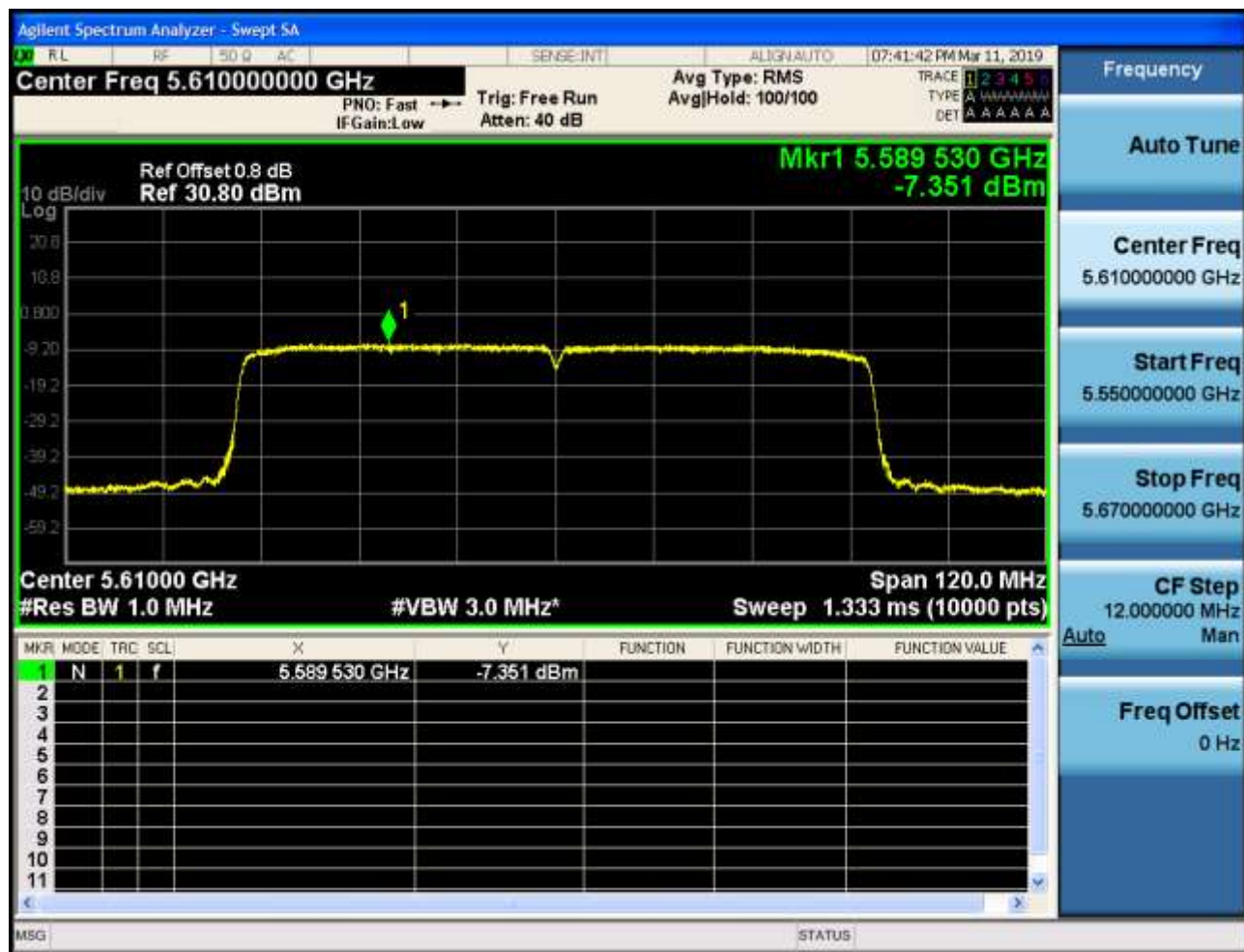


1.43 11AC80SISO_Ant1_5530



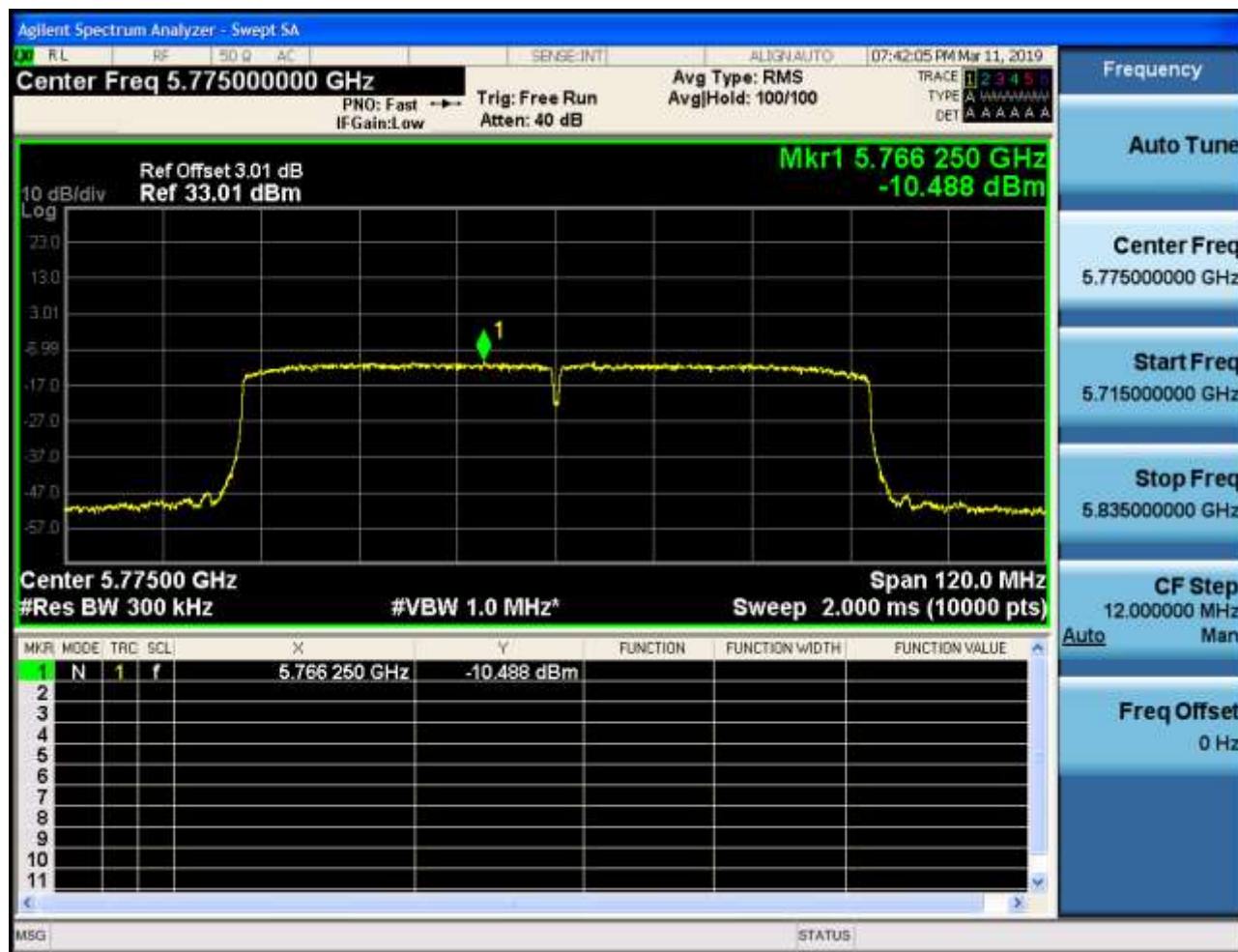


1.44 11AC80SISO_Ant1_5610





1.45 11AC80SISO_Ant1_5775



Appendix F: Frequencies Stability

Part I - Frequency Error vs. Voltage:

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.861004	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

Part II - Frequency Error vs. Temperature:

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000	-3.861004	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	20000	3.861004	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
		5825	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS



			NV	40	0	0	20	PASS
			NV	50	-20000	-3.433476	20	PASS

-----The End-----