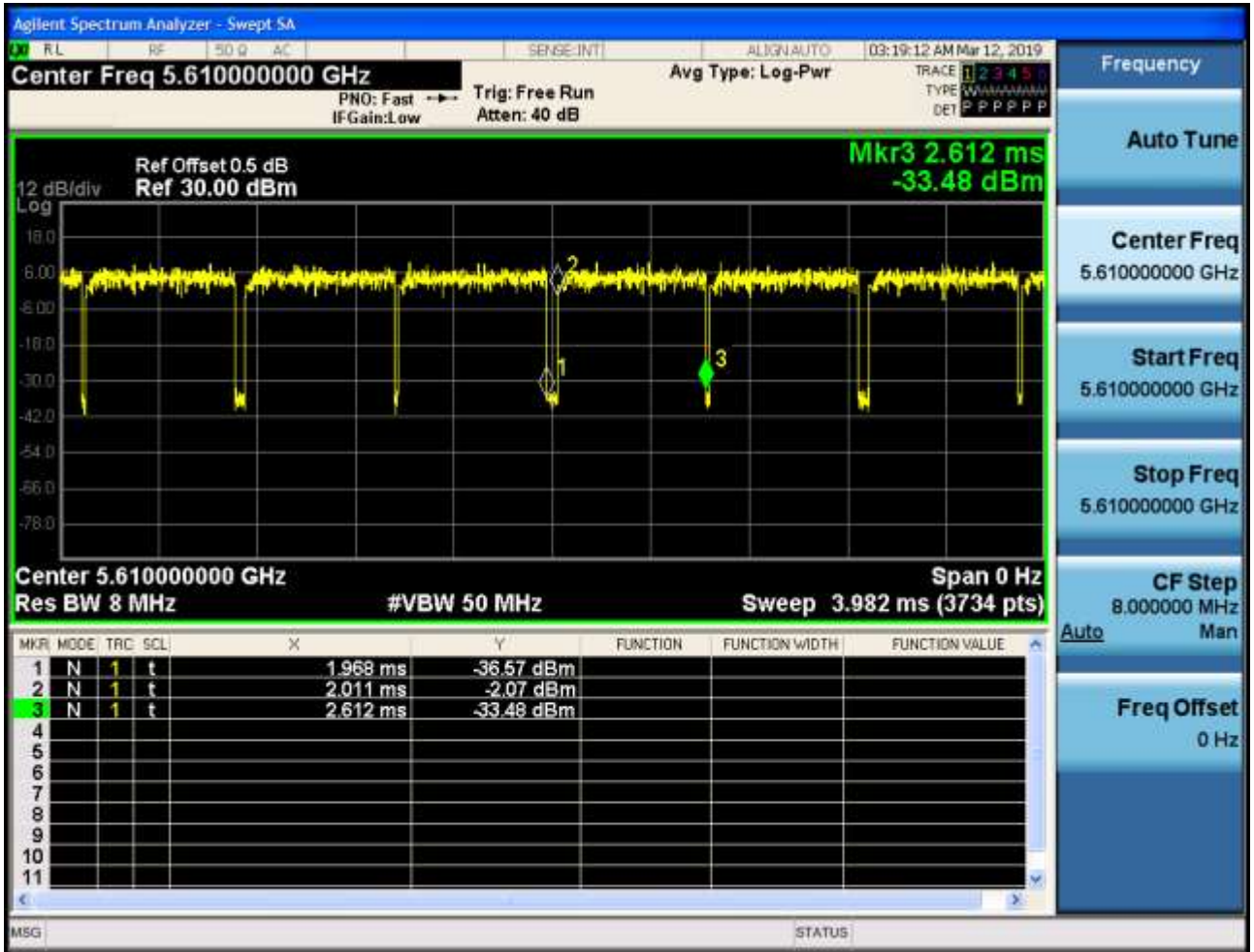


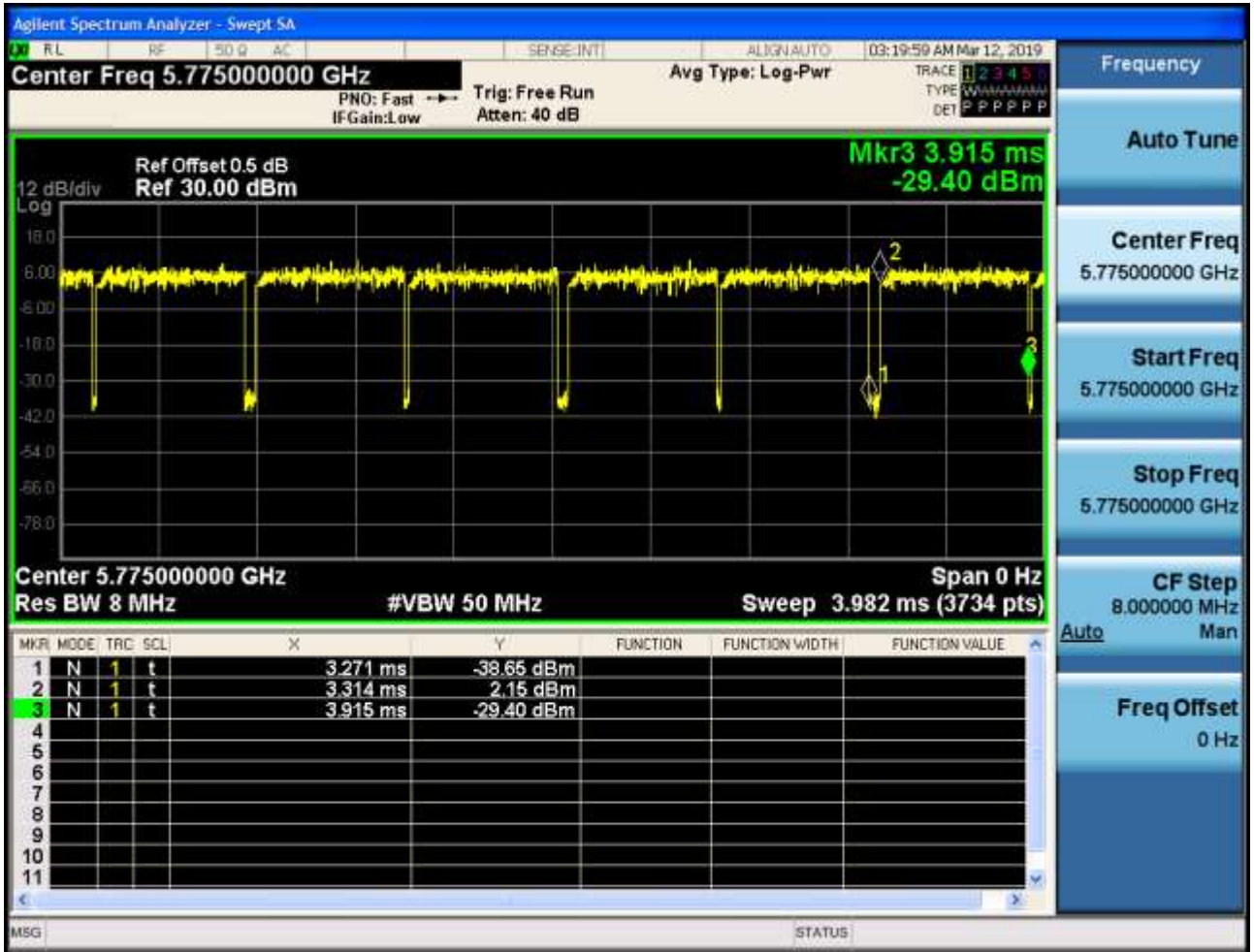


1.58 11AC80SISO_Ant1_5610





1.59 11AC80SISO_Ant1_5775



Appendix D: Maximum output power

Part I - Test Results

Test Mode	Antenna	Channel	Conducted Result[dBm]	Conducted Limit[dBm]	EIRP Result[dBm]	EIRP Limit[dBm]	Verdict
11A	Ant1	5180	13.21	23.93	15.21	29.27	PASS
11A	Ant1	5200	13.33	23.87	15.33	29.27	PASS
11A	Ant1	5240	13.8	23.88	15.8	29.26	PASS
11A	Ant1	5260	12.21	23.89	14.21	29.26	PASS
11A	Ant1	5280	12.38	23.89	14.38	29.25	PASS
11A	Ant1	5320	12.36	23.92	14.36	29.28	PASS
11A	Ant1	5500	11.14	23.9	13.14	29.27	PASS
11A	Ant1	5580	11.43	23.86	13.43	29.27	PASS
11A	Ant1	5700	11.54	23.85	13.54	29.26	PASS
11A	Ant1	5745	11.79	23.91	13.79	29.26	PASS
11A	Ant1	5785	11.75	23.88	13.75	29.27	PASS
11A	Ant1	5825	11.36	23.89	13.36	29.26	PASS
11N20SISO	Ant1	5180	12.23	24.0	14.23	29.51	PASS
11N20SISO	Ant1	5200	12.4	23.97	14.4	29.51	PASS
11N20SISO	Ant1	5240	12.9	24.0	14.9	29.51	PASS
11N20SISO	Ant1	5260	11.28	24.0	13.28	29.51	PASS
11N20SISO	Ant1	5280	11.44	23.96	13.44	29.5	PASS
11N20SISO	Ant1	5320	11.43	24.0	13.43	29.51	PASS
11N20SISO	Ant1	5500	10.22	23.98	12.22	29.51	PASS
11N20SISO	Ant1	5700	10.65	24.0	12.65	29.5	PASS
11N20SISO	Ant1	5745	10.89	24.0	12.89	29.51	PASS
11N20SISO	Ant1	5785	10.82	24.0	12.82	29.51	PASS
11N20SISO	Ant1	5825	10.42	24.0	12.42	29.51	PASS
11N40SISO	Ant1	5190	10.9	24.0	12.9	30.0	PASS
11N40SISO	Ant1	5230	11.38	24.0	13.38	30.0	PASS
11N40SISO	Ant1	5270	9.95	24.0	11.95	30.0	PASS
11N40SISO	Ant1	5310	10.05	24.0	12.05	30.0	PASS
11N40SISO	Ant1	5510	9.08	24.0	11.08	30.0	PASS
11N40SISO	Ant1	5550	9.86	24.0	11.86	30.0	PASS
11N40SISO	Ant1	5670	8.93	24.0	10.93	30.0	PASS



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11N40SISO	Ant1	5755	9.54	24.0	11.54	30.0	PASS
11N40SISO	Ant1	5795	9.32	24.0	11.32	30.0	PASS
11AC20SISO	Ant1	5180	12.28	23.96	14.28	29.51	PASS
11AC20SISO	Ant1	5200	12.45	23.99	14.45	29.5	PASS
11AC20SISO	Ant1	5240	12.9	24.0	14.9	29.51	PASS
11AC20SISO	Ant1	5260	11.29	24.0	13.29	29.51	PASS
11AC20SISO	Ant1	5320	11.51	23.99	13.51	29.5	PASS
11AC20SISO	Ant1	5500	10.24	23.99	12.24	29.51	PASS
11AC20SISO	Ant1	5580	10.58	24.0	12.58	29.51	PASS
11AC20SISO	Ant1	5700	10.68	24.0	12.68	29.5	PASS
11AC20SISO	Ant1	5745	10.93	23.97	12.93	29.51	PASS
11AC20SISO	Ant1	5785	10.92	24.0	12.92	29.5	PASS
11AC20SISO	Ant1	5825	10.47	24.0	12.47	29.51	PASS
11AC40SISO	Ant1	5190	10.92	24.0	12.92	30.0	PASS
11AC40SISO	Ant1	5230	11.38	24.0	13.38	30.0	PASS
11AC40SISO	Ant1	5270	9.96	24.0	11.96	30.0	PASS
11AC40SISO	Ant1	5310	10.07	24.0	12.07	30.0	PASS
11AC40SISO	Ant1	5510	9.08	24.0	11.08	30.0	PASS
11AC40SISO	Ant1	5550	9.85	24.0	11.85	30.0	PASS
11AC40SISO	Ant1	5670	8.96	24.0	10.96	30.0	PASS
11AC40SISO	Ant1	5755	9.57	24.0	11.57	30.0	PASS
11AC40SISO	Ant1	5795	9.33	24.0	11.33	30.0	PASS
11AC80SISO	Ant1	5210	11.22	24.0	13.22	30.0	PASS
11AC80SISO	Ant1	5290	10.75	24.0	12.75	30.0	PASS
11AC80SISO	Ant1	5530	9.73	24.0	11.73	30.0	PASS
11AC80SISO	Ant1	5610	9.55	24.0	11.55	30.0	PASS
11AC80SISO	Ant1	5775	10.09	24.0	12.09	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]	EIRP Result[dBm/MHz]	EIRP Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.13	11.0	4.13	10	PASS
11A	Ant1	5200	2.56	11.0	4.56	10	PASS
11A	Ant1	5240	2.79	11.0	4.79	10	PASS
11A	Ant1	5260	1.24	11.0	3.24	--	PASS
11A	Ant1	5280	1.5	11.0	3.5	--	PASS
11A	Ant1	5320	1.55	11.0	3.55	--	PASS
11A	Ant1	5500	0.52	11.0	2.52	--	PASS
11A	Ant1	5580	0.92	11.0	2.92	--	PASS
11A	Ant1	5700	0.52	11.0	2.52	--	PASS
11N20SISO	Ant1	5180	0.97	11.0	2.97	10	PASS
11N20SISO	Ant1	5200	1.11	11.0	3.11	10	PASS
11N20SISO	Ant1	5240	1.79	11.0	3.79	10	PASS
11N20SISO	Ant1	5260	-0.02	11.0	1.98	--	PASS
11N20SISO	Ant1	5320	0.36	11.0	2.36	--	PASS
11N20SISO	Ant1	5500	-1.05	11.0	0.95	--	PASS
11N20SISO	Ant1	5580	-0.07	11.0	1.93	--	PASS
11N20SISO	Ant1	5700	-0.41	11.0	1.59	--	PASS
11N40SISO	Ant1	5190	-2.9	11.0	-0.9	10	PASS
11N40SISO	Ant1	5230	-2.53	11.0	-0.53	10	PASS
11N40SISO	Ant1	5270	-4.17	11.0	-2.17	--	PASS
11N40SISO	Ant1	5310	-3.86	11.0	-1.86	--	PASS
11N40SISO	Ant1	5510	-4.87	11.0	-2.87	--	PASS
11N40SISO	Ant1	5550	-4.15	11.0	-2.15	--	PASS
11N40SISO	Ant1	5670	-4.95	11.0	-2.95	--	PASS
11AC20SISO	Ant1	5180	0.92	11.0	2.92	10	PASS
11AC20SISO	Ant1	5200	1.24	11.0	3.24	10	PASS
11AC20SISO	Ant1	5240	1.68	11.0	3.68	10	PASS
11AC20SISO	Ant1	5260	0.08	11.0	2.08	--	PASS



11AC20SISO	Ant1	5280	0.32	11.0	2.32	--	PASS
11AC20SISO	Ant1	5320	0.39	11.0	2.39	--	PASS
11AC20SISO	Ant1	5500	-0.78	11.0	1.22	--	PASS
11AC20SISO	Ant1	5580	-0.13	11.0	1.87	--	PASS
11AC20SISO	Ant1	5700	-0.57	11.0	1.43	--	PASS
11AC40SISO	Ant1	5190	-2.98	11.0	-0.98	10	PASS
11AC40SISO	Ant1	5230	-2.59	11.0	-0.59	10	PASS
11AC40SISO	Ant1	5270	-4.06	11.0	-2.06	--	PASS
11AC40SISO	Ant1	5310	-3.88	11.0	-1.88	--	PASS
11AC40SISO	Ant1	5510	-4.96	11.0	-2.96	--	PASS
11AC40SISO	Ant1	5550	-4.1	11.0	-2.1	--	PASS
11AC40SISO	Ant1	5670	-4.97	11.0	-2.97	--	PASS
11AC80SISO	Ant1	5210	-5.93	11.0	-3.93	10	PASS
11AC80SISO	Ant1	5290	-6.42	11.0	-4.42	--	PASS
11AC80SISO	Ant1	5530	-7.3	11.0	-5.3	--	PASS
11AC80SISO	Ant1	5610	-7.34	11.0	-5.34	--	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]	EIRP Result[dBm/500KHz]	EIRP Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	-2.44	30.0	-0.44	--	PASS
11A	Ant1	5785	-2.35	30.0	-0.35	--	PASS
11A	Ant1	5825	-2.7	30.0	-0.7	--	PASS
11N20SISO	Ant1	5785	-3.65	30.0	-1.65	--	PASS
11N20SISO	Ant1	5745	-3.3	30.0	-1.3	--	PASS
11N20SISO	Ant1	5825	-4.04	30.0	-2.04	--	PASS
11N40SISO	Ant1	5755	-7.43	30.0	-5.43	--	PASS
11N40SISO	Ant1	5795	-7.45	30.0	-5.45	--	PASS
11AC20SISO	Ant1	5745	-3.58	30.0	-1.58	--	PASS
11AC20SISO	Ant1	5785	-3.58	30.0	-1.58	--	PASS
11AC20SISO	Ant1	5825	-3.84	30.0	-1.84	--	PASS
11AC40SISO	Ant1	5755	-7.52	30.0	-5.52	--	PASS
11AC40SISO	Ant1	5795	-7.66	30.0	-5.66	--	PASS
11AC80SISO	Ant1	5775	-10.01	30.0	-8.01	--	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_5200



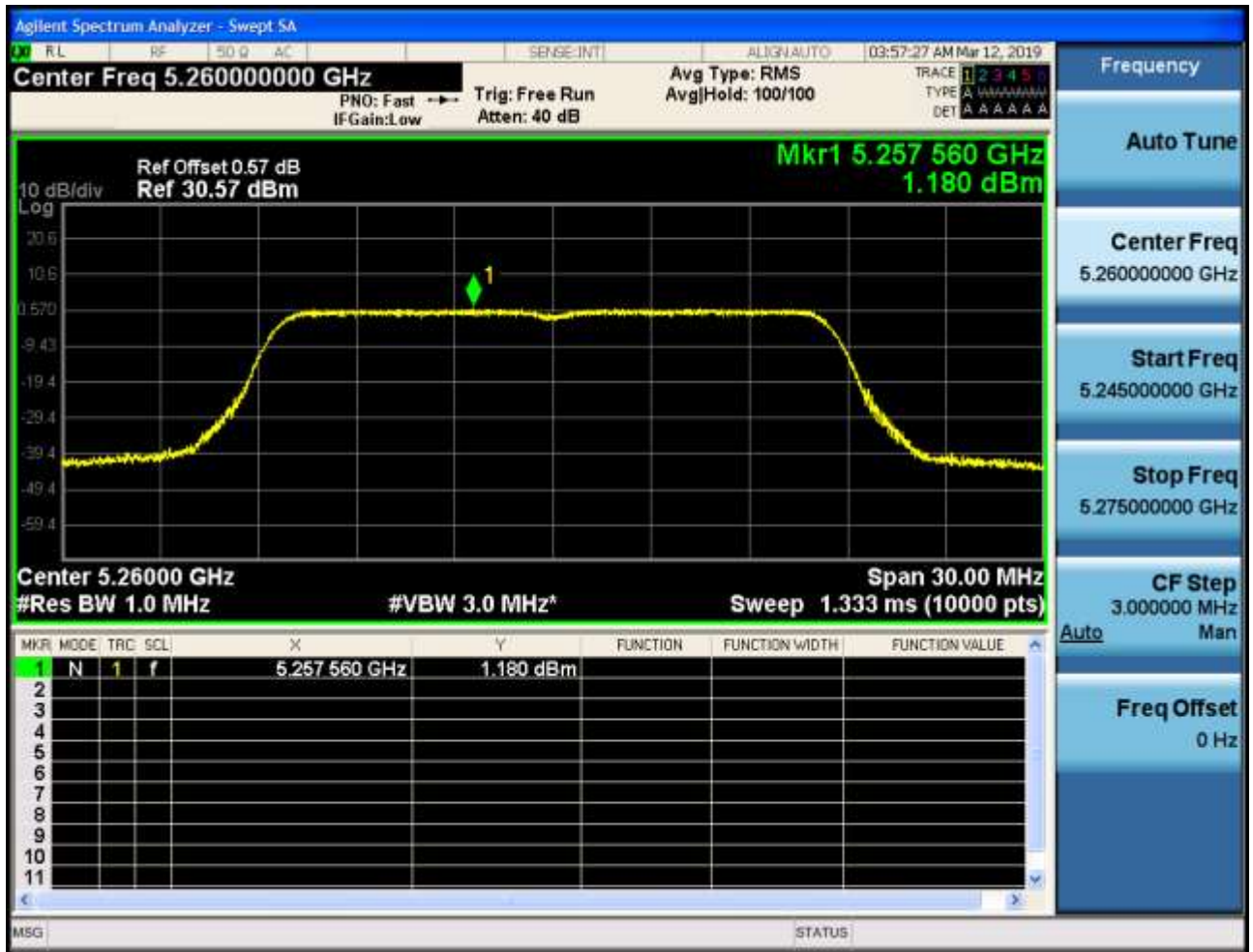


1.3 11A_Ant1_5240



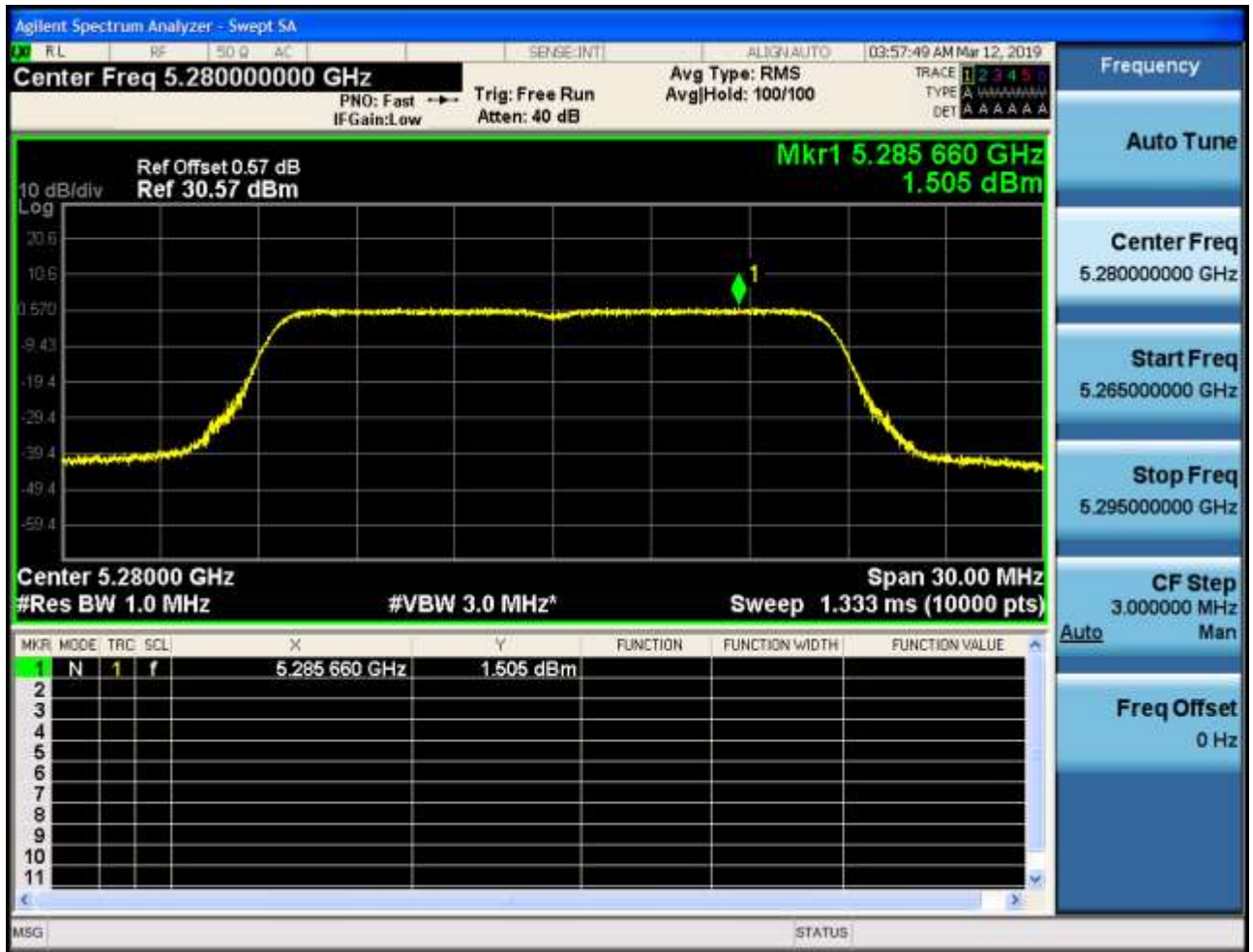


1.4 11A_Ant1_5260





1.5 11A_Ant1_5280





1.6 11A_Ant1_5320



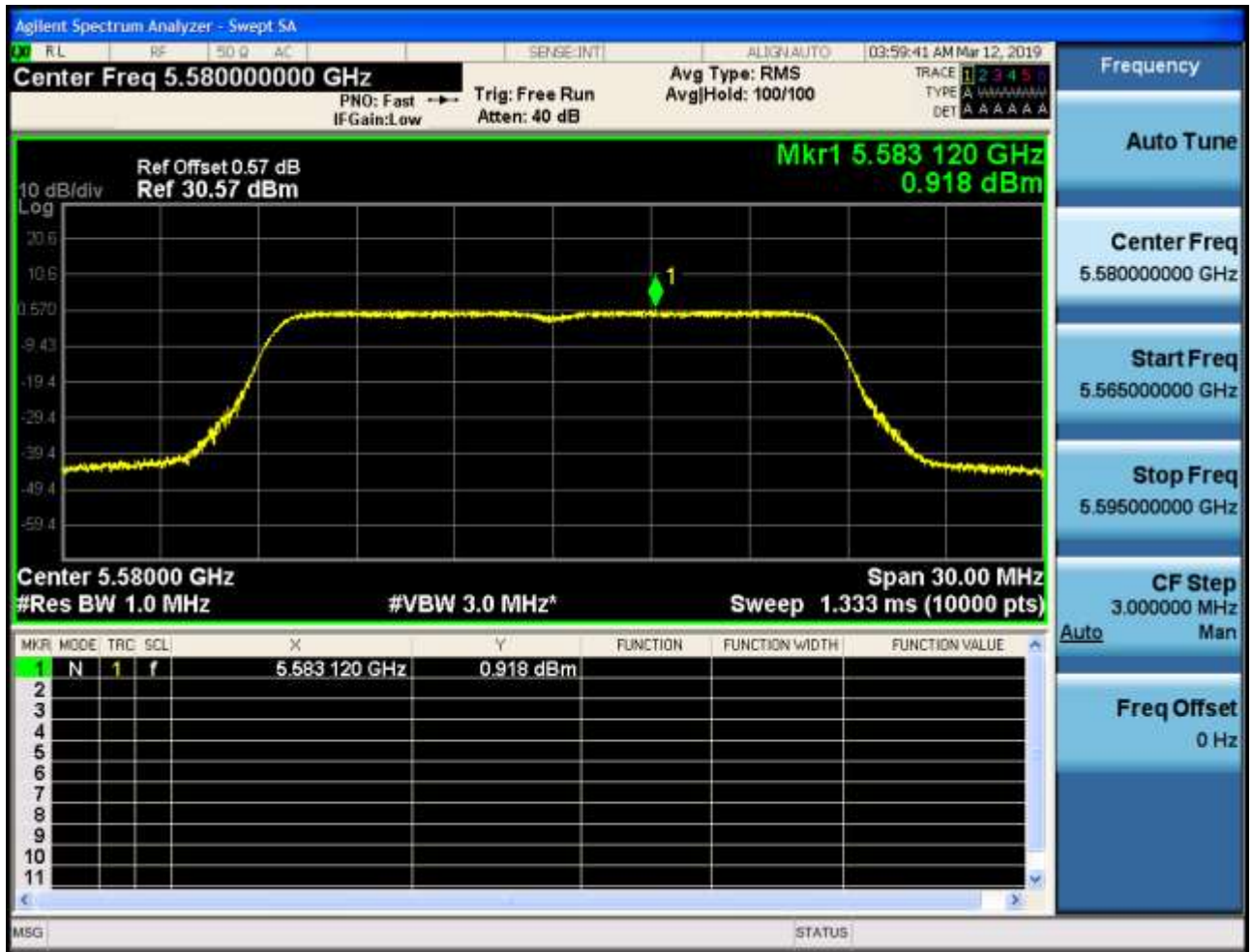


1.7 11A_Ant1_5500





1.8 11A_Ant1_5580





1.9 11A_Ant1_5700



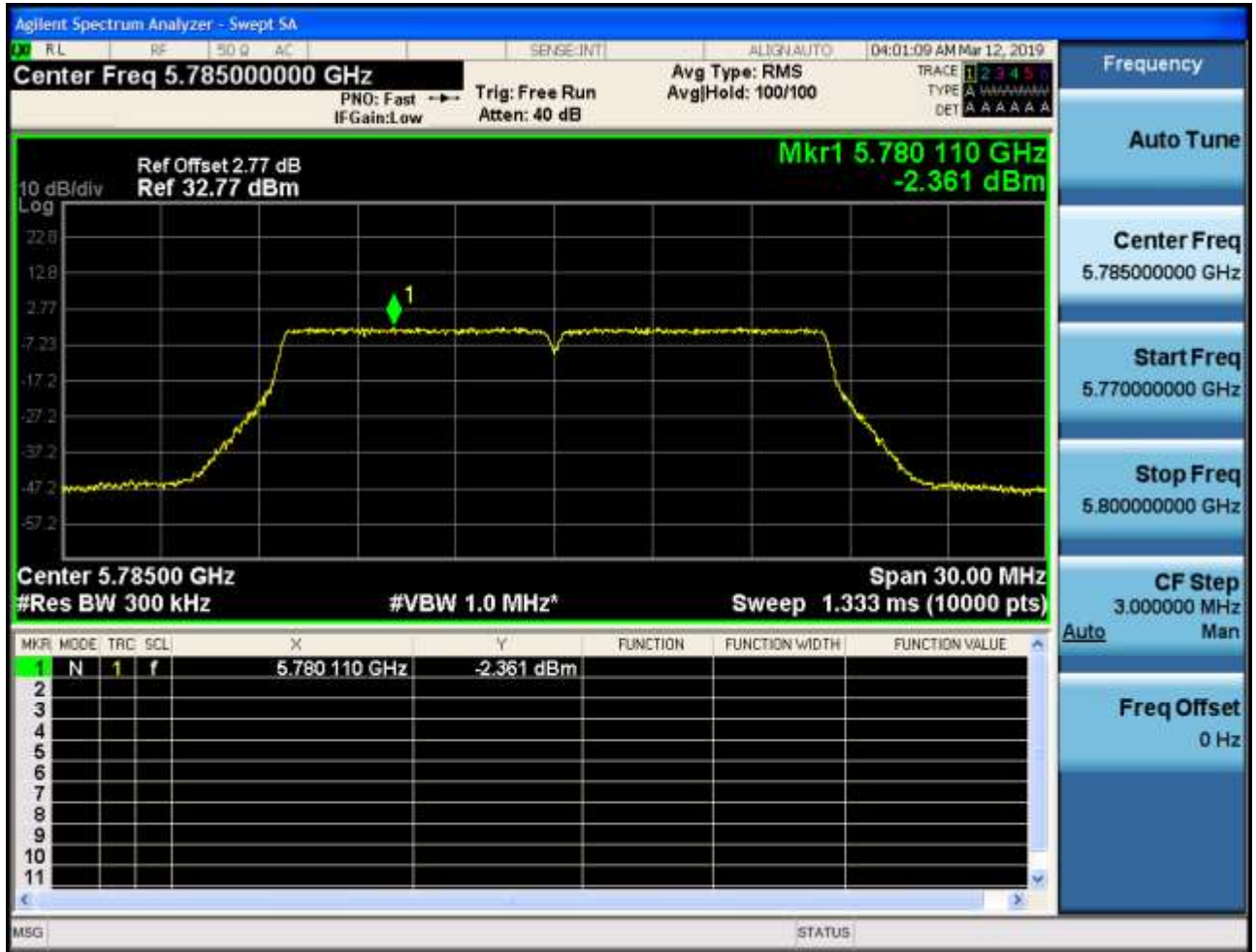


1.10 11A_Ant1_5745





1.11 11A_Ant1_5785



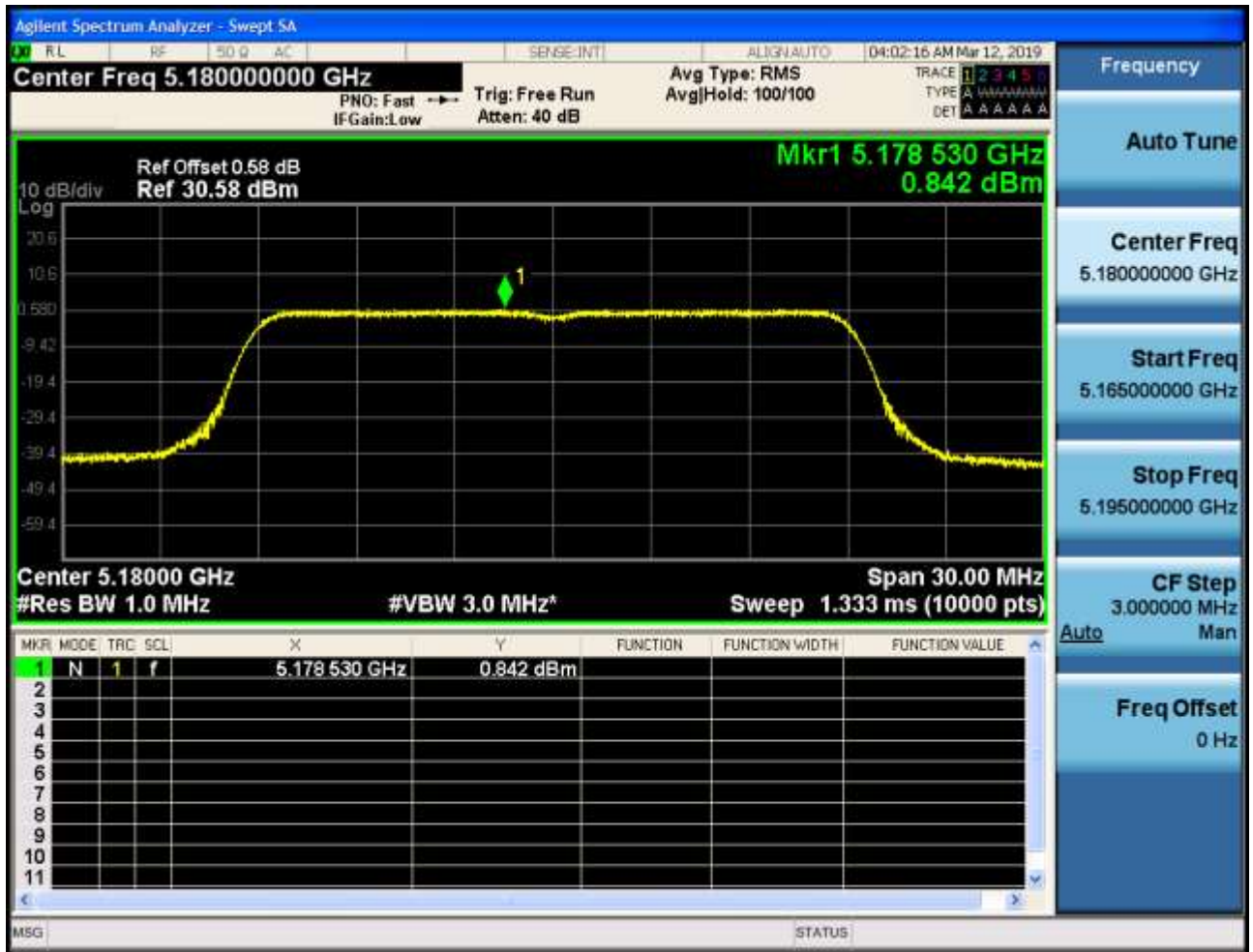


1.12 11A_Ant1_5825



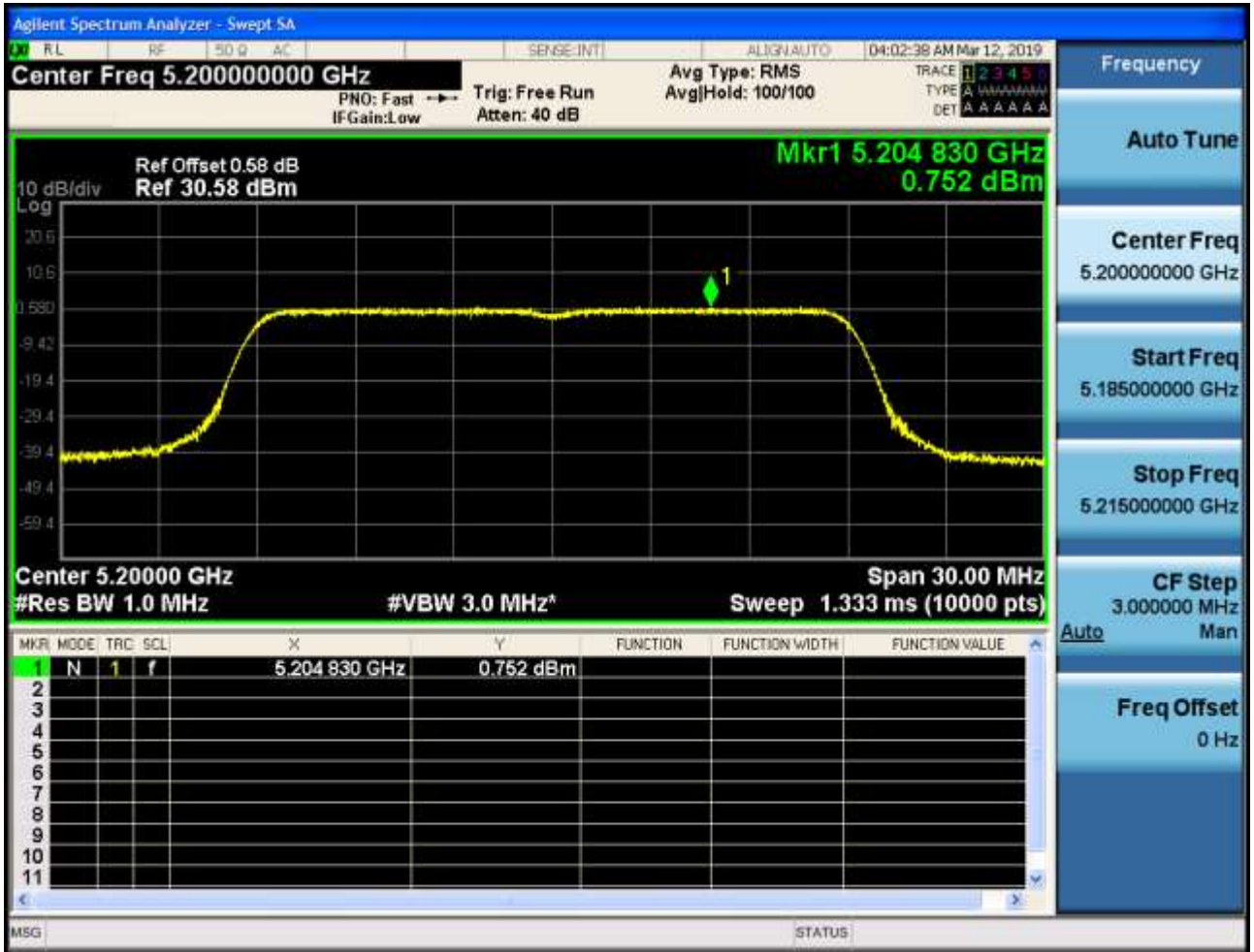


1.13 11N20SISO_Ant1_5180



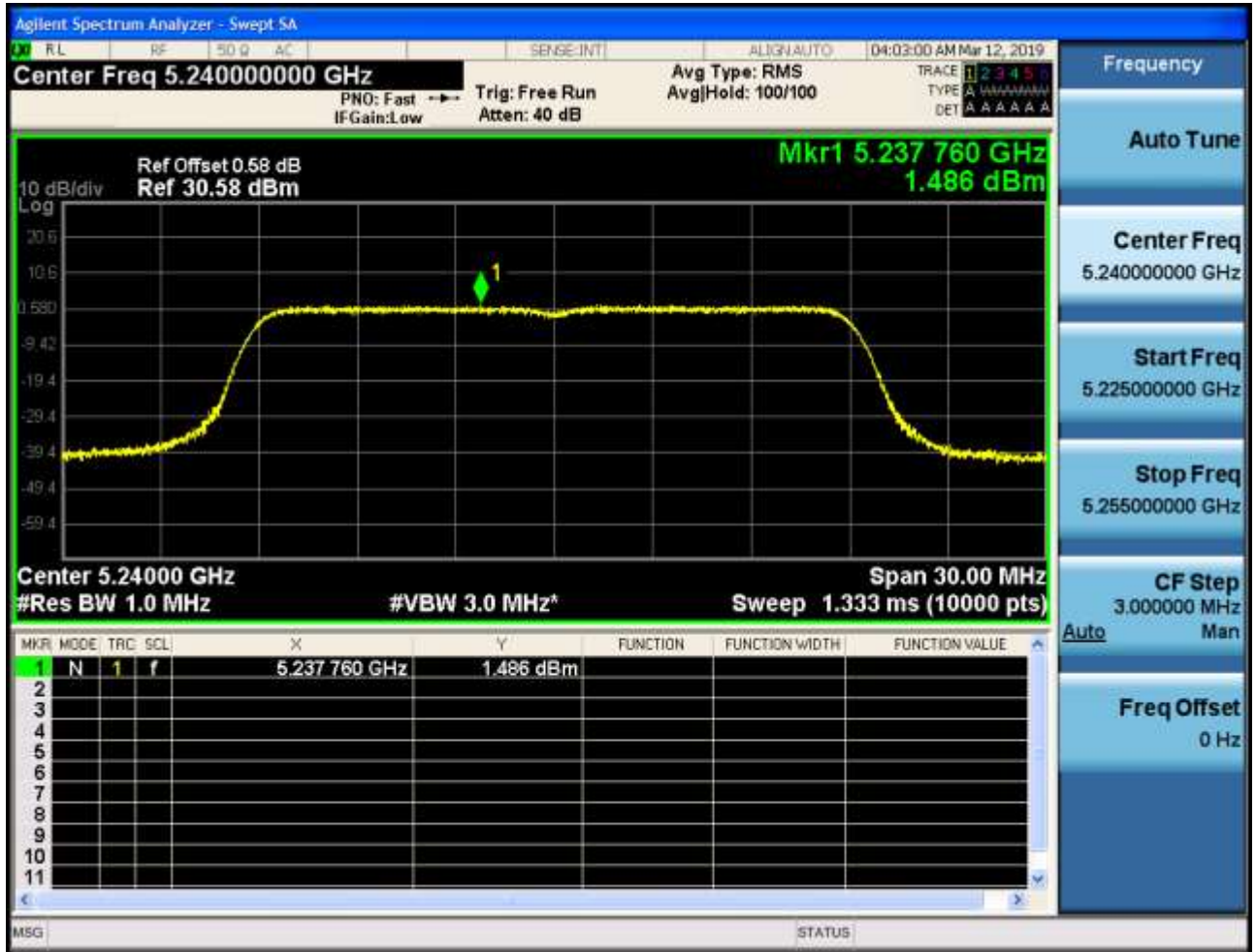


1.14 11N20SISO_Ant1_5200





1.15 11N20SISO_Ant1_5240



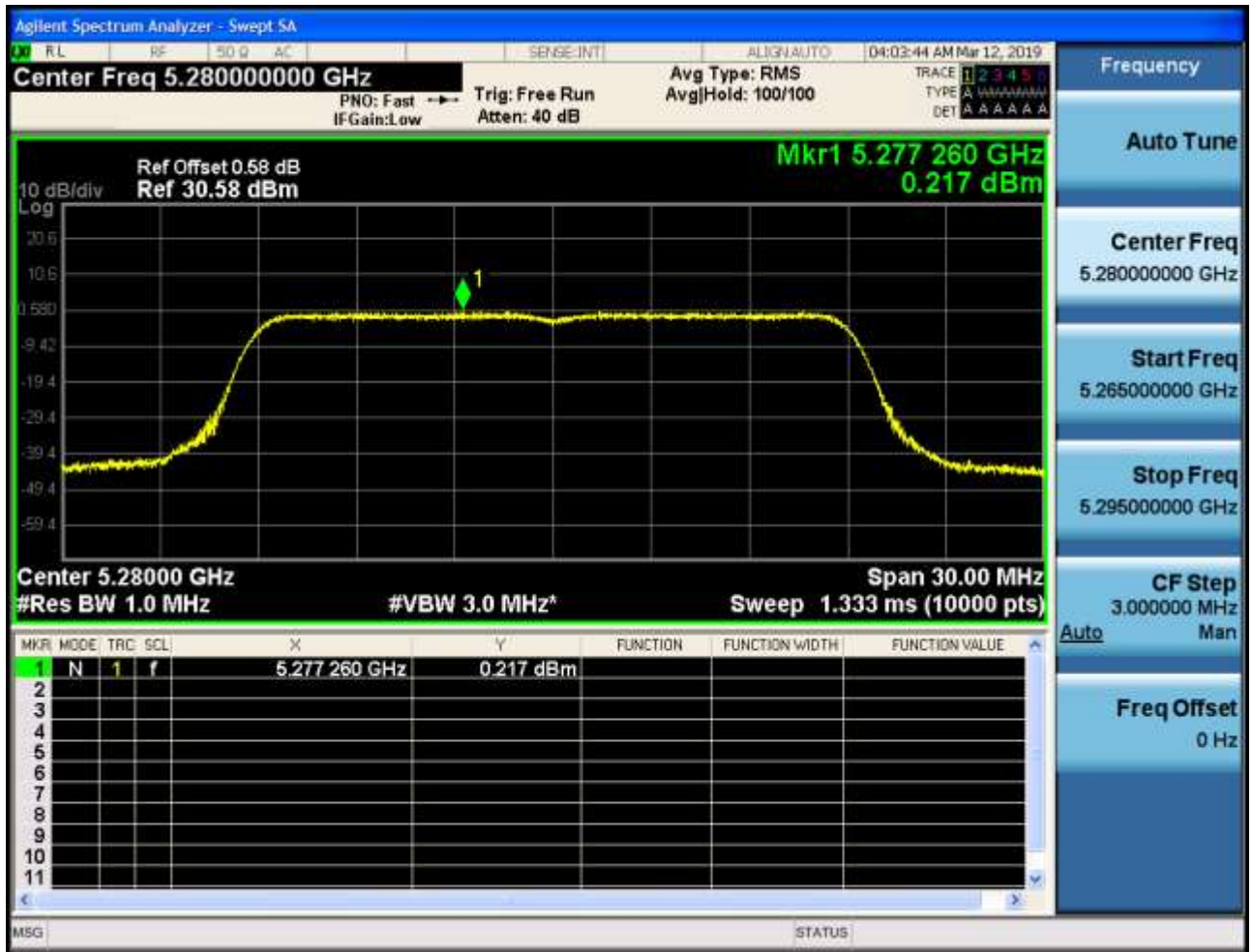


1.16 11N20SISO_Ant1_5260





1.17 11N20SISO_Ant1_5280



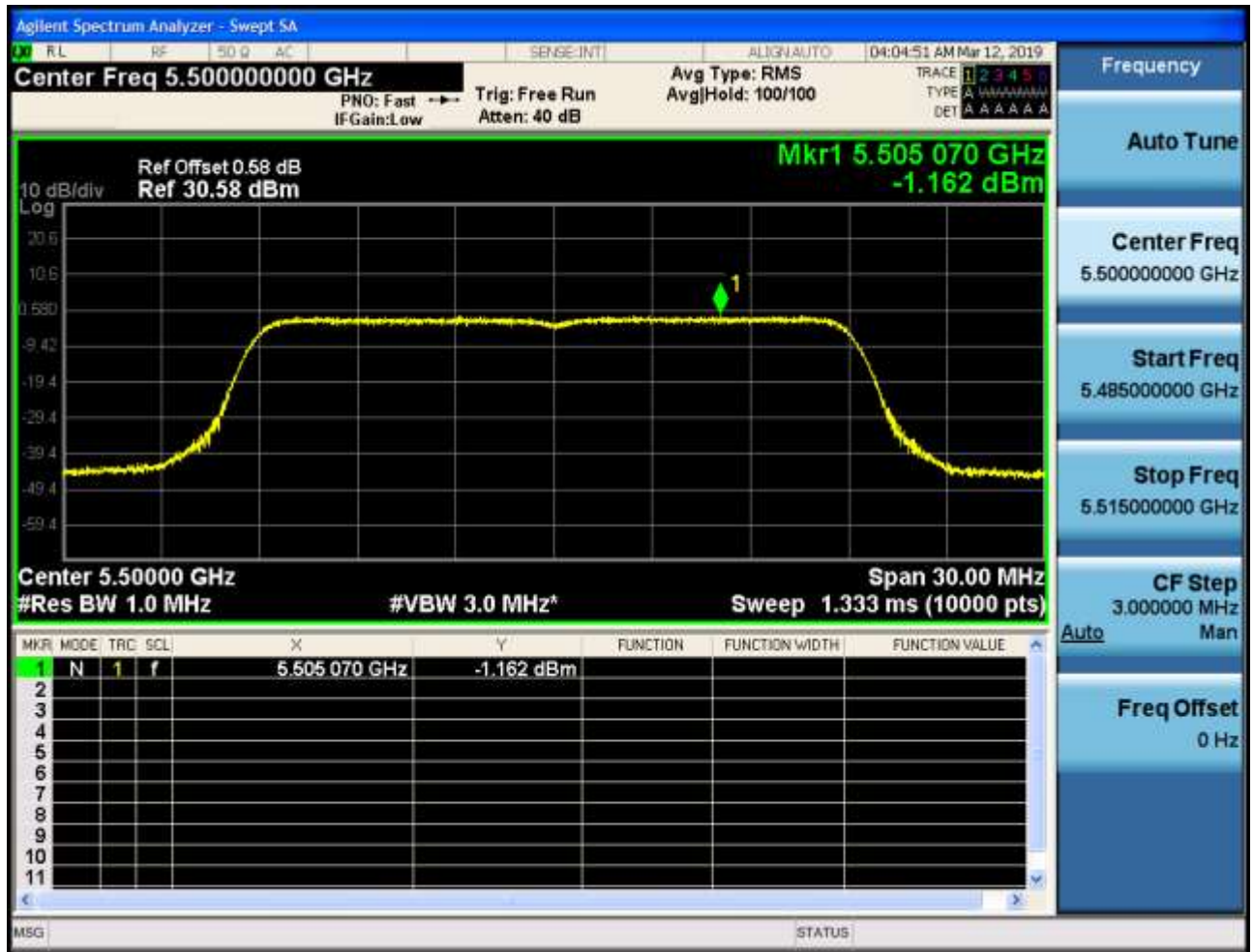


1.18 11N20SISO_Ant1_5320



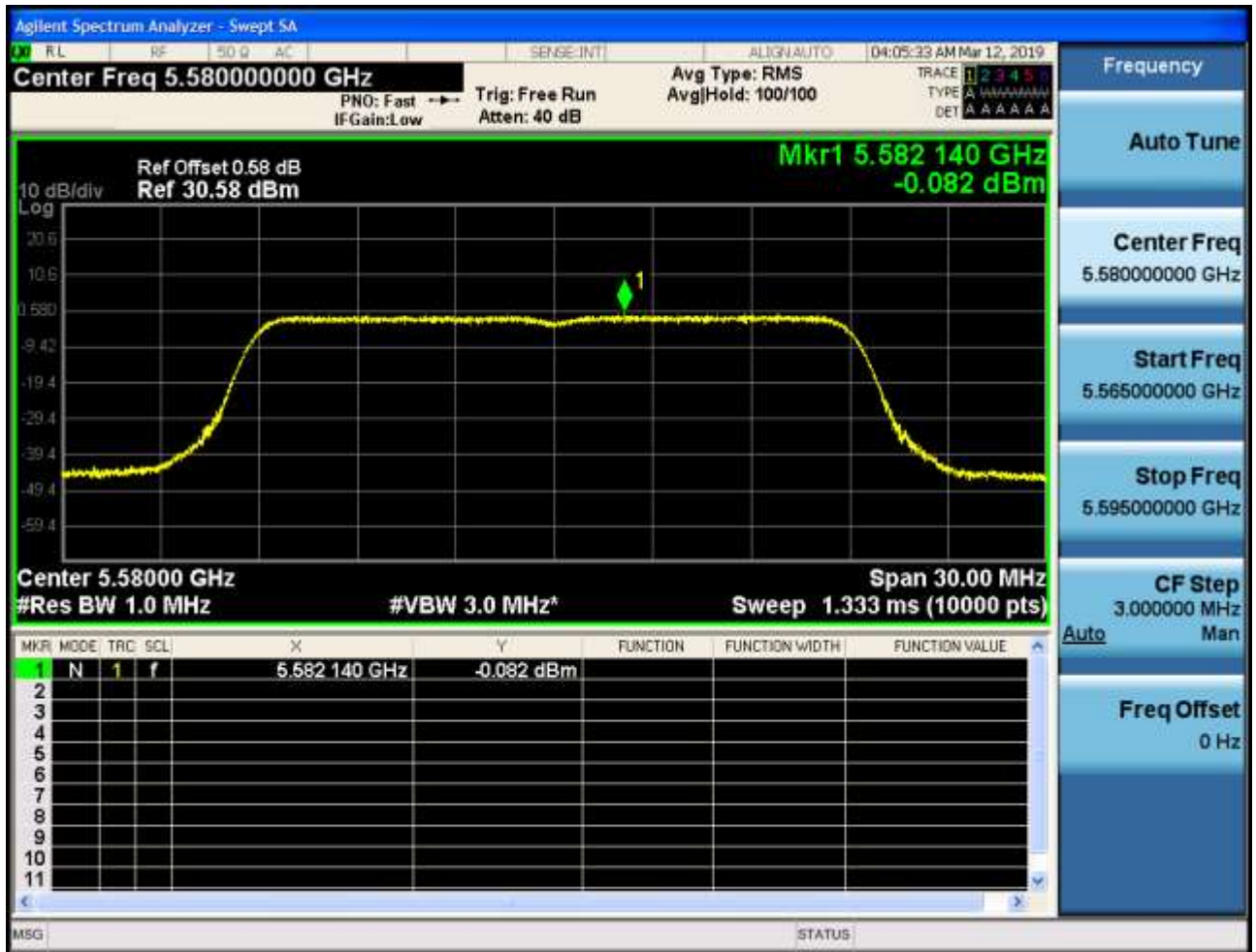


1.19 11N20SISO_Ant1_5500



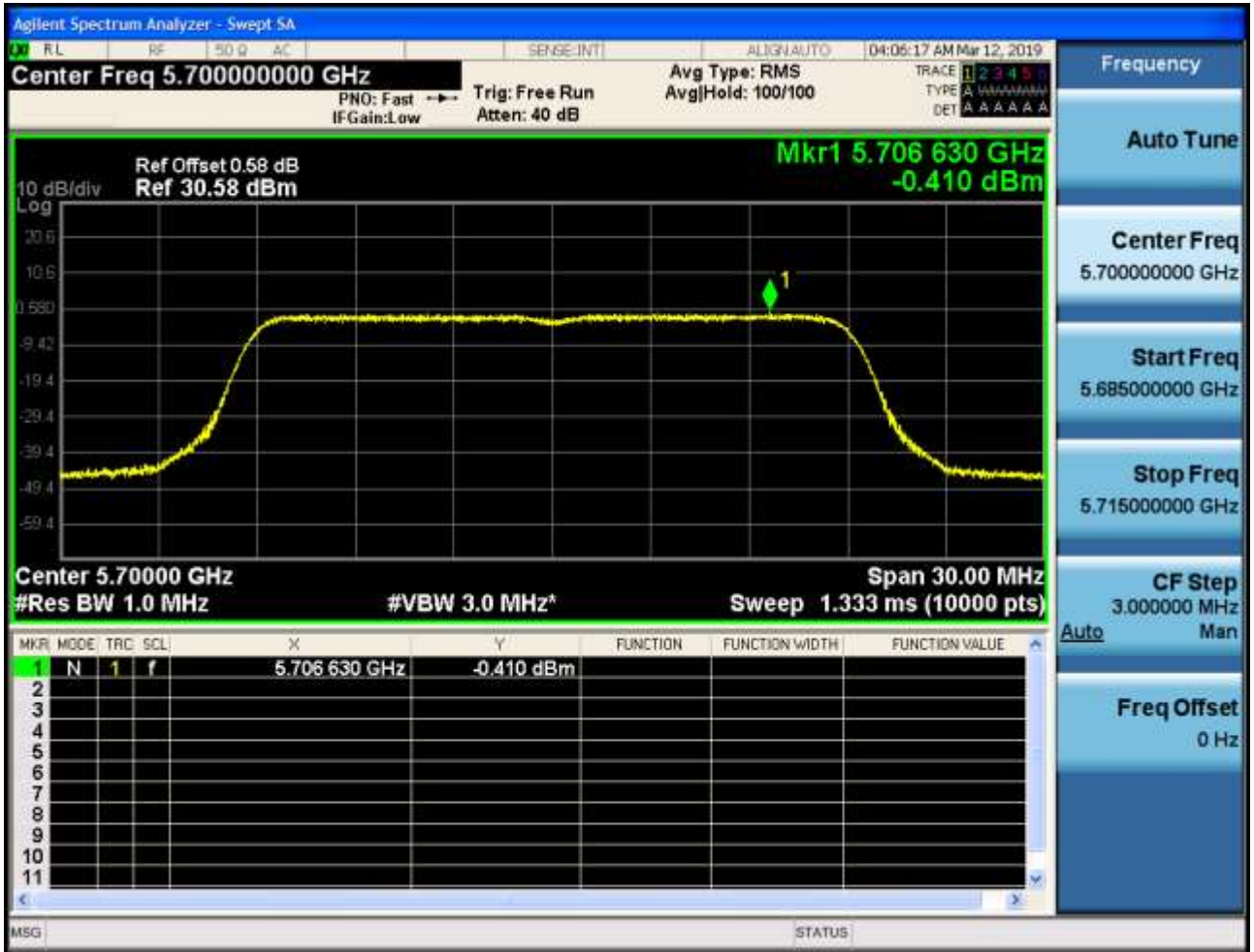


1.20 11N20SISO_Ant1_5580





1.21 11N20SISO_Ant1_5700





1.22 11N20SISO_Ant1_5745



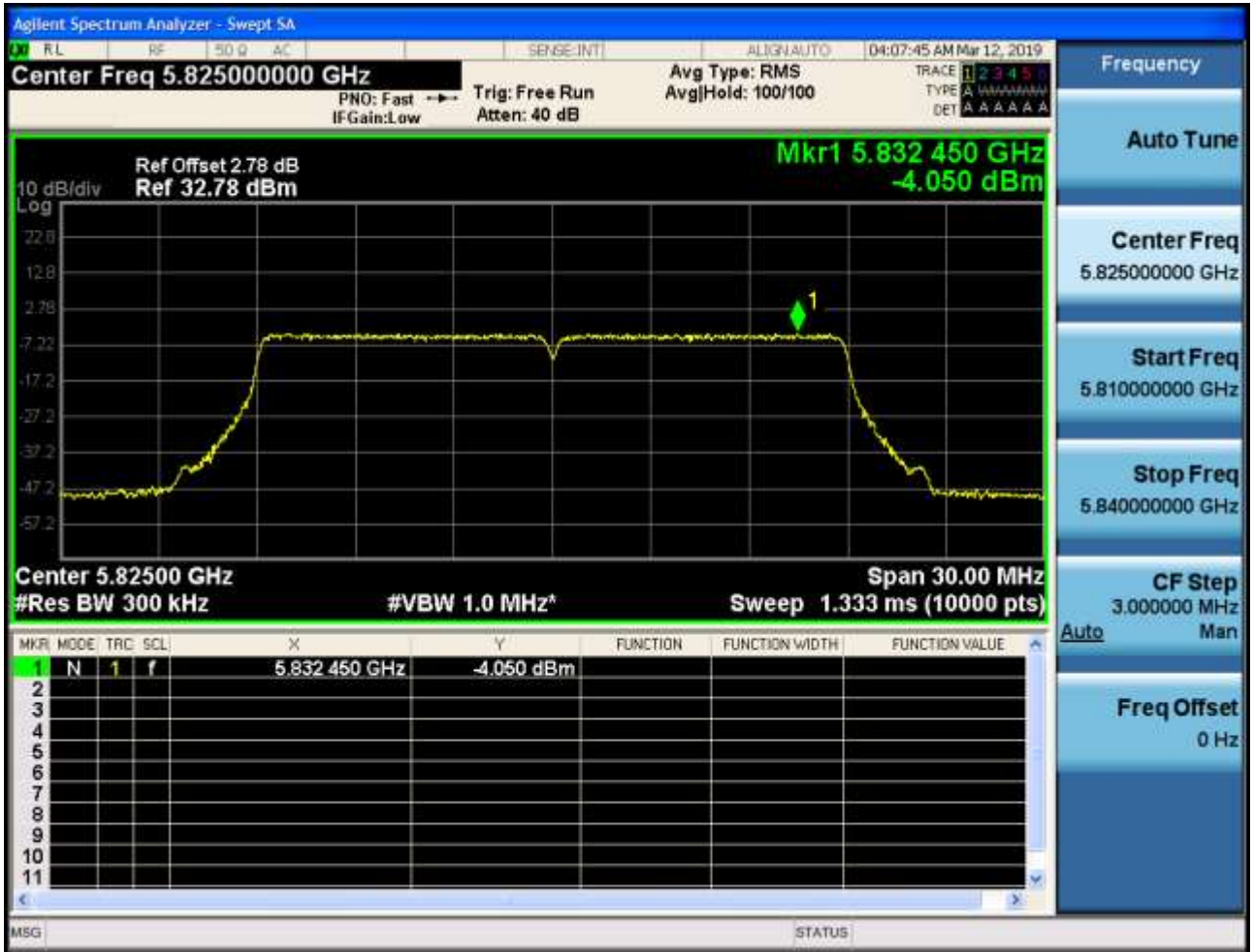


1.23 11N20SISO_Ant1_5785



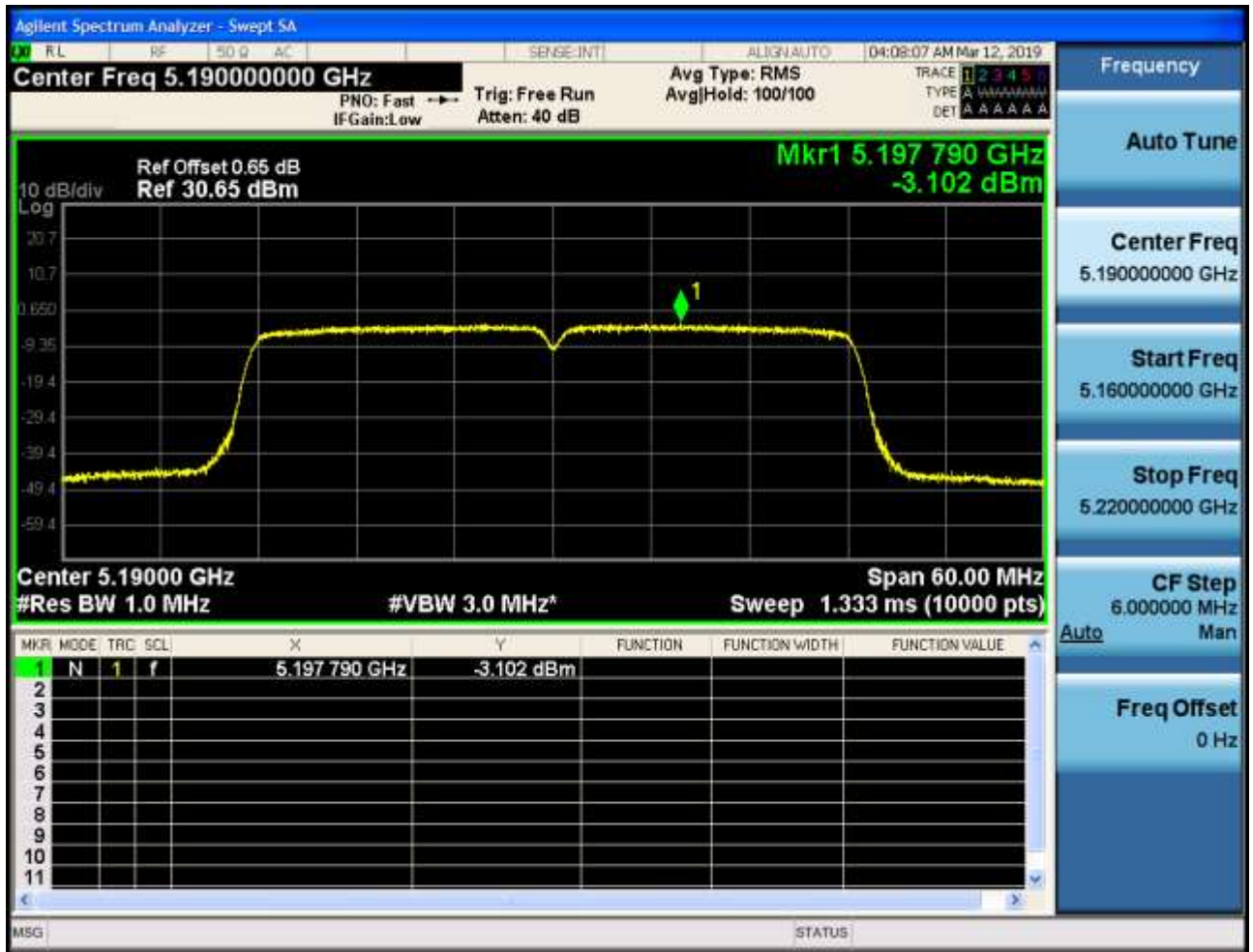


1.24 11N20SISO_Ant1_5825



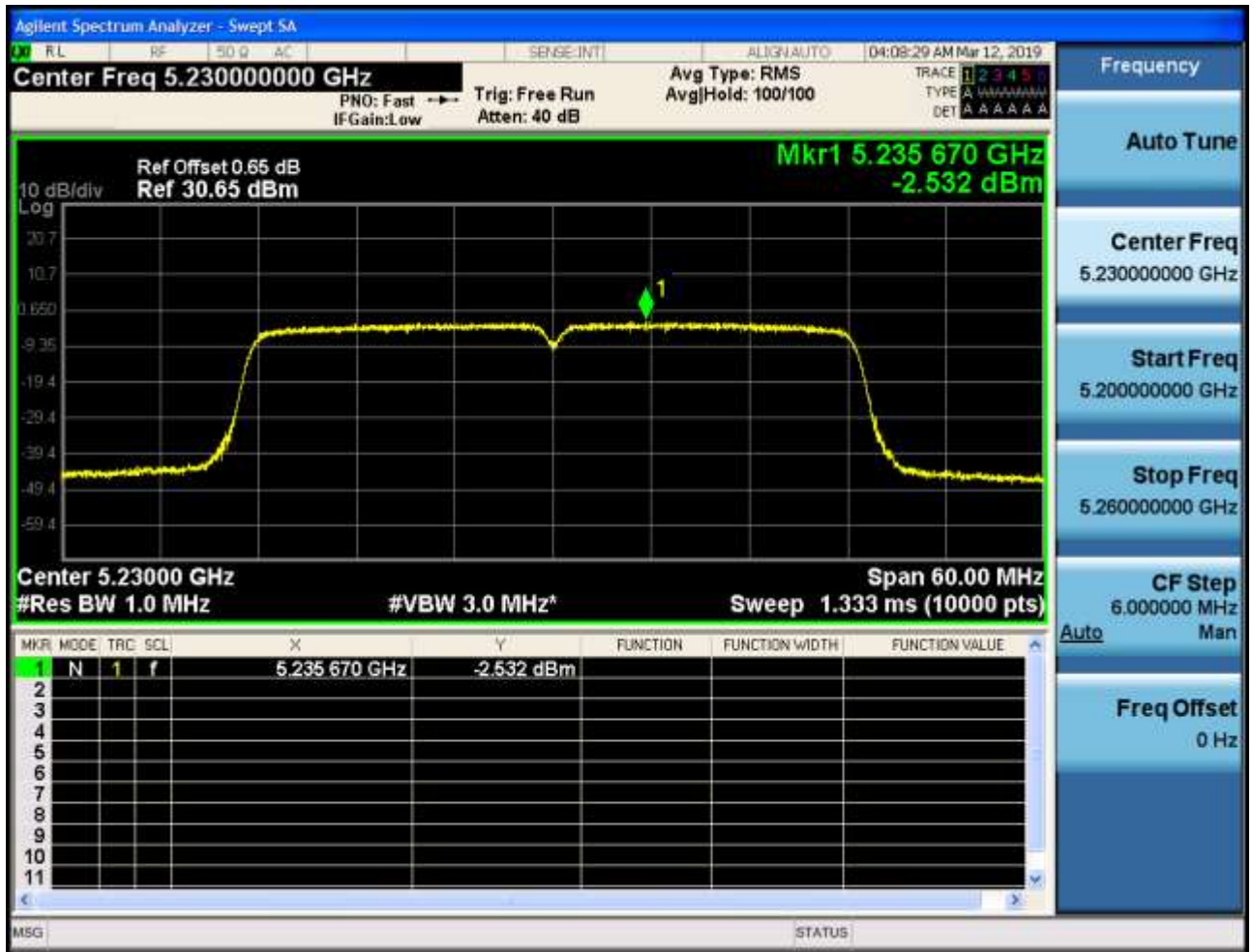


1.25 11N40SISO_Ant1_5190





1.26 11N40SISO_Ant1_5230



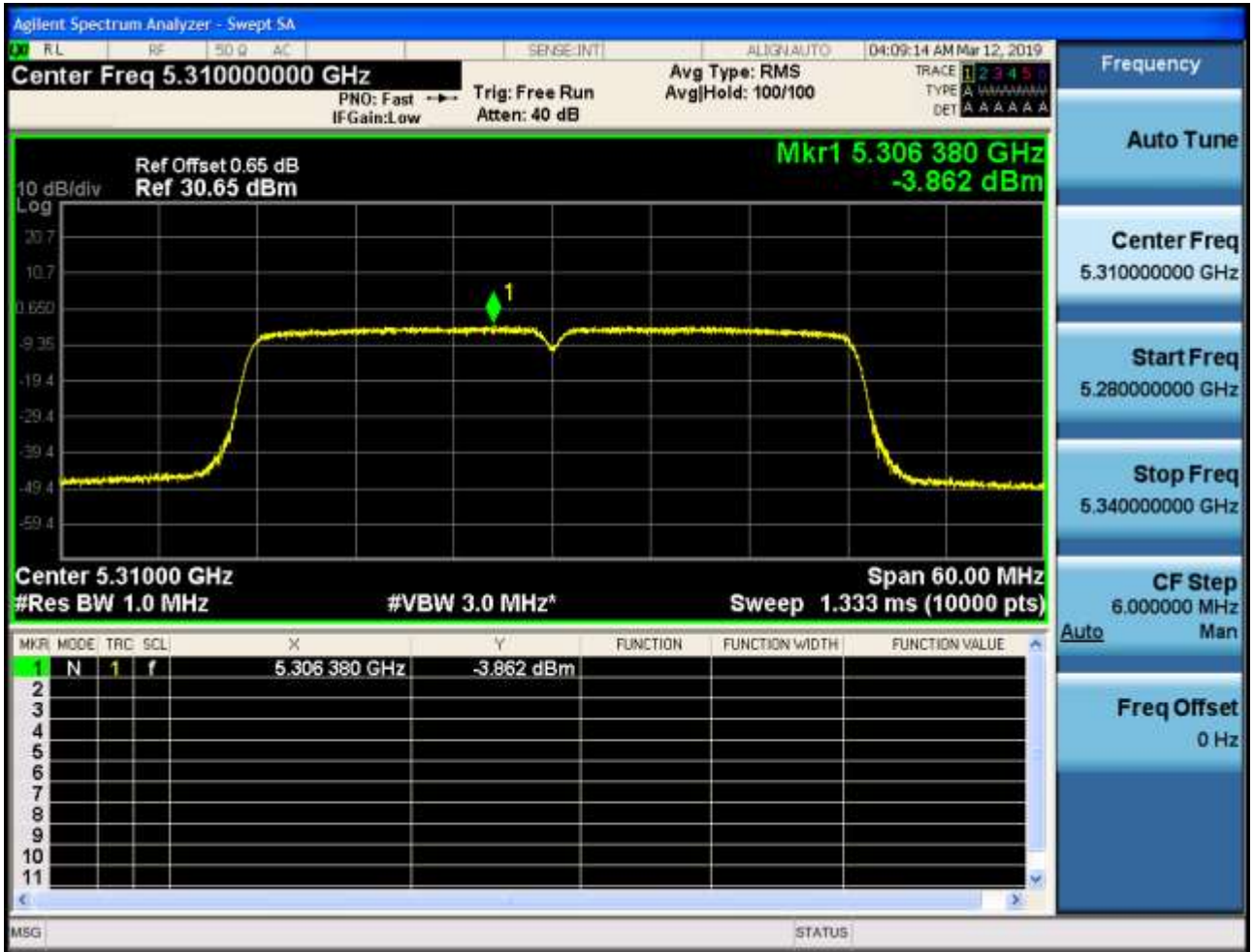


1.27 11N40SISO_Ant1_5270



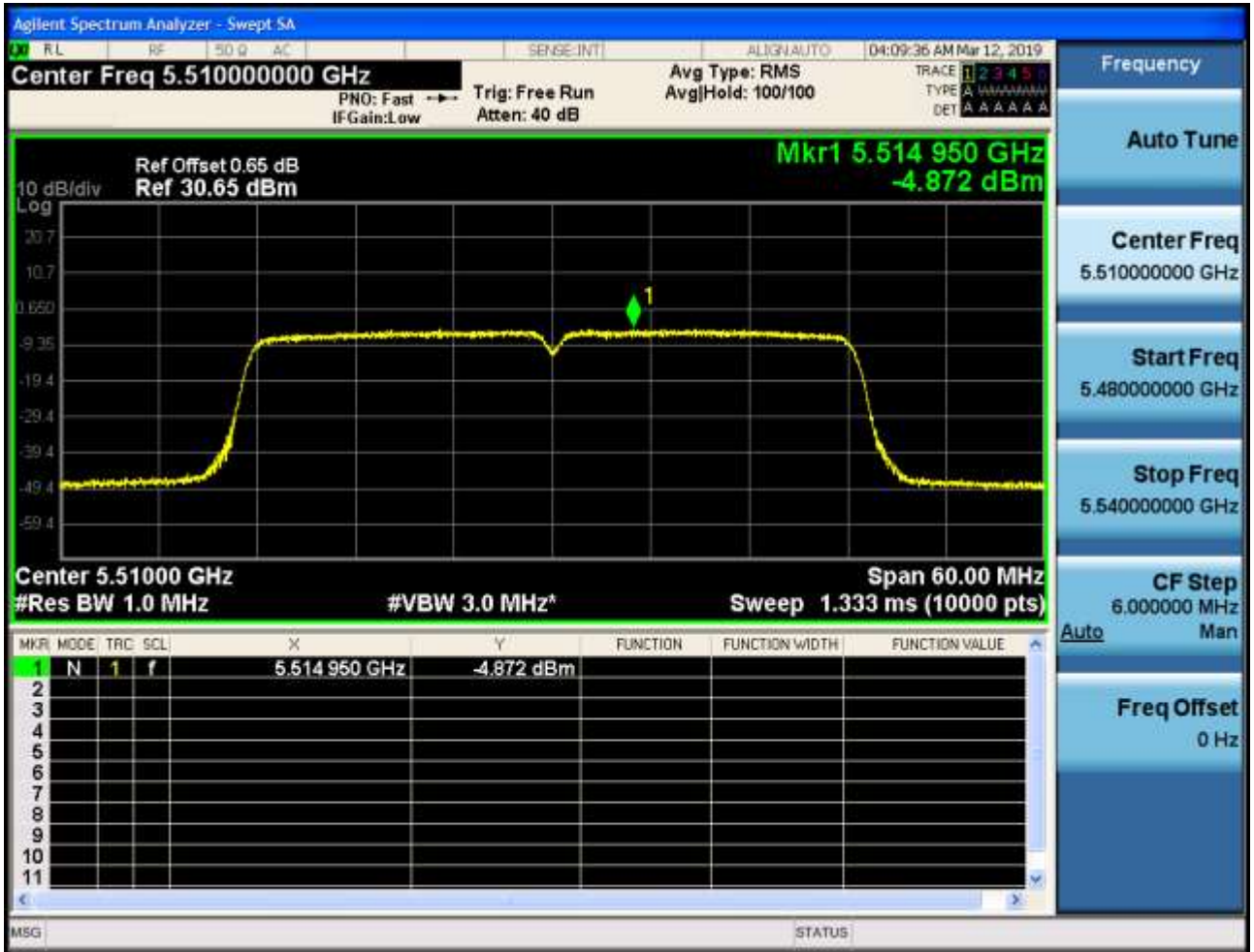


1.28 11N40SISO_Ant1_5310



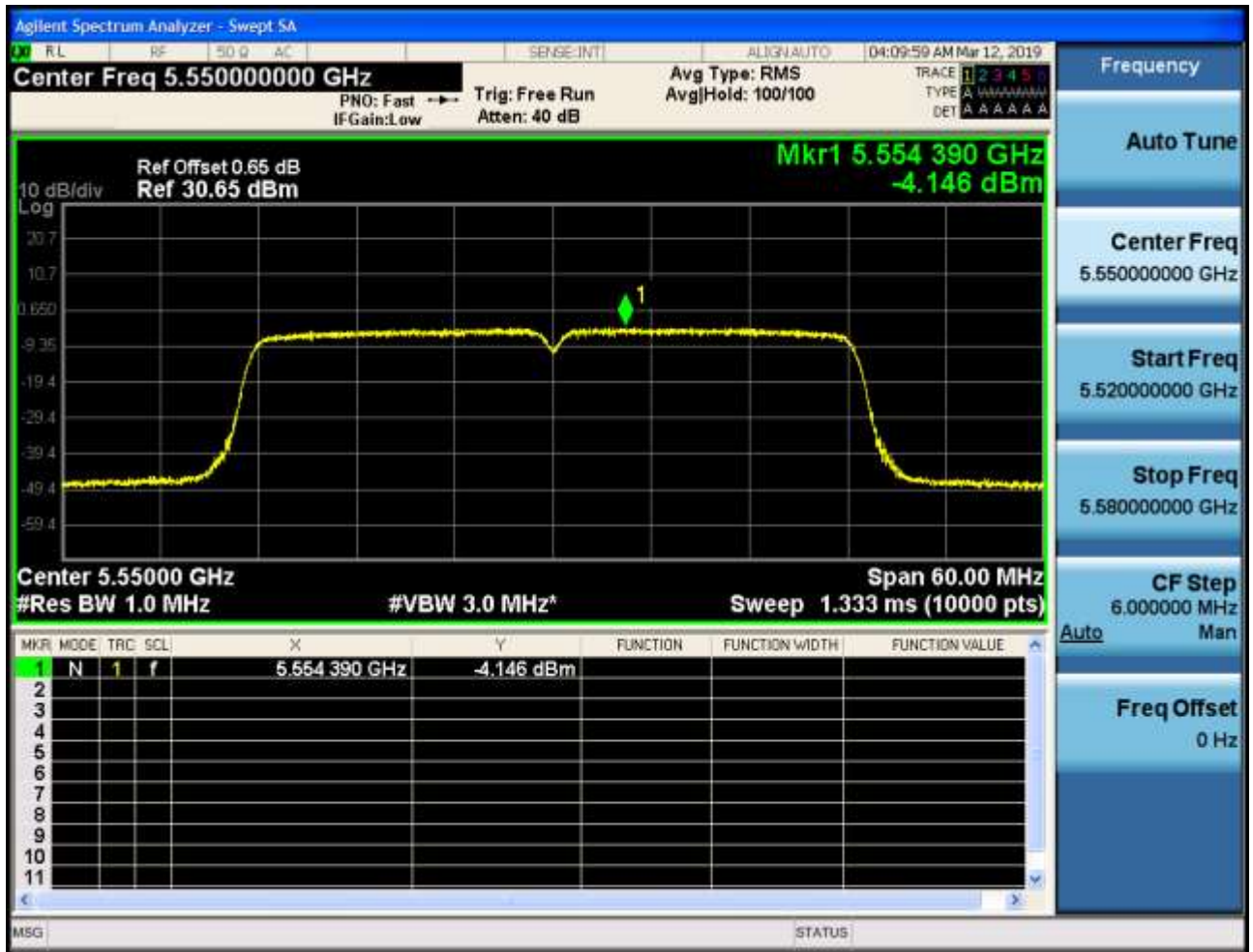


1.29 11N40SISO_Ant1_5510



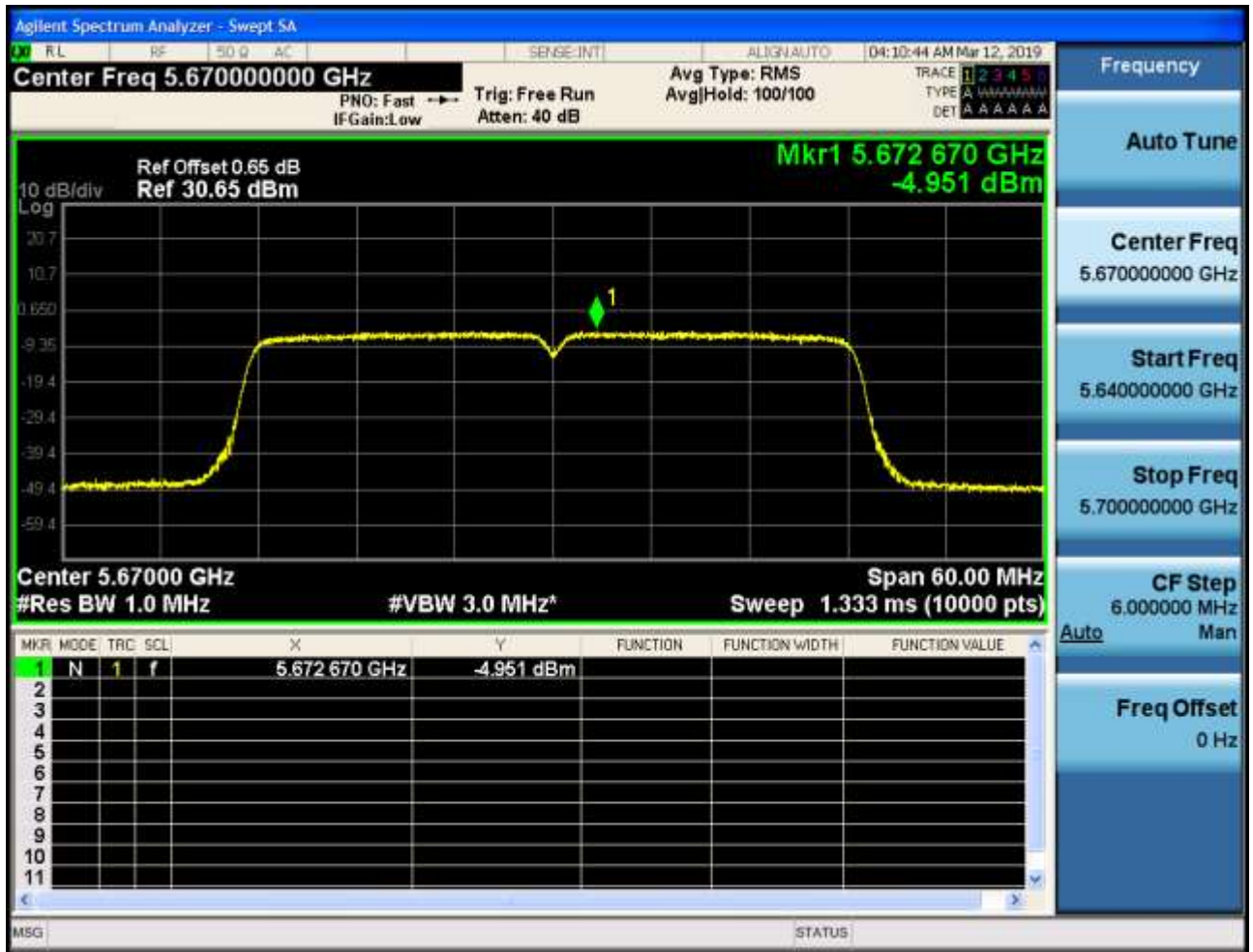


1.30 11N40SISO_Ant1_5550



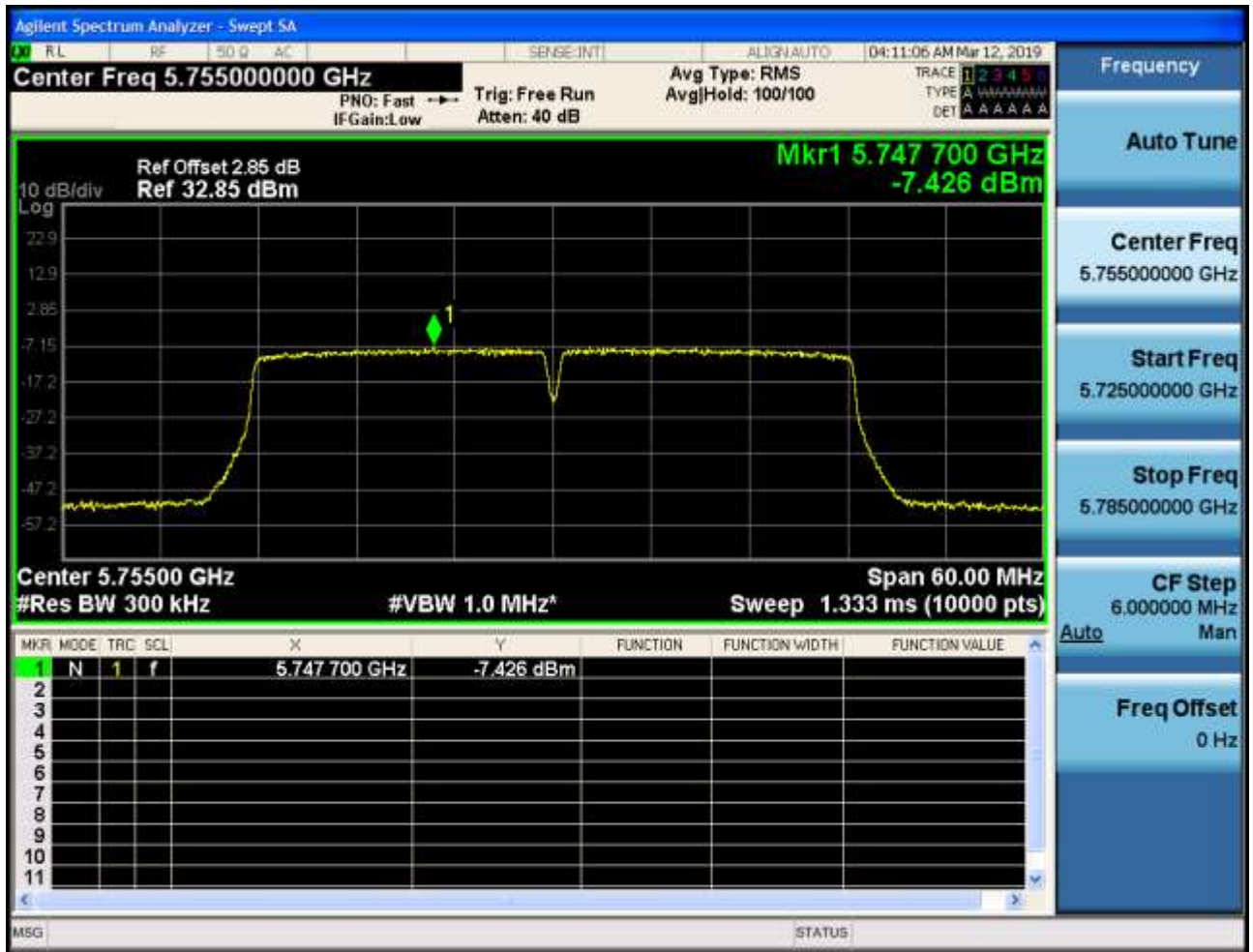


1.31 11N40SISO_Ant1_5670



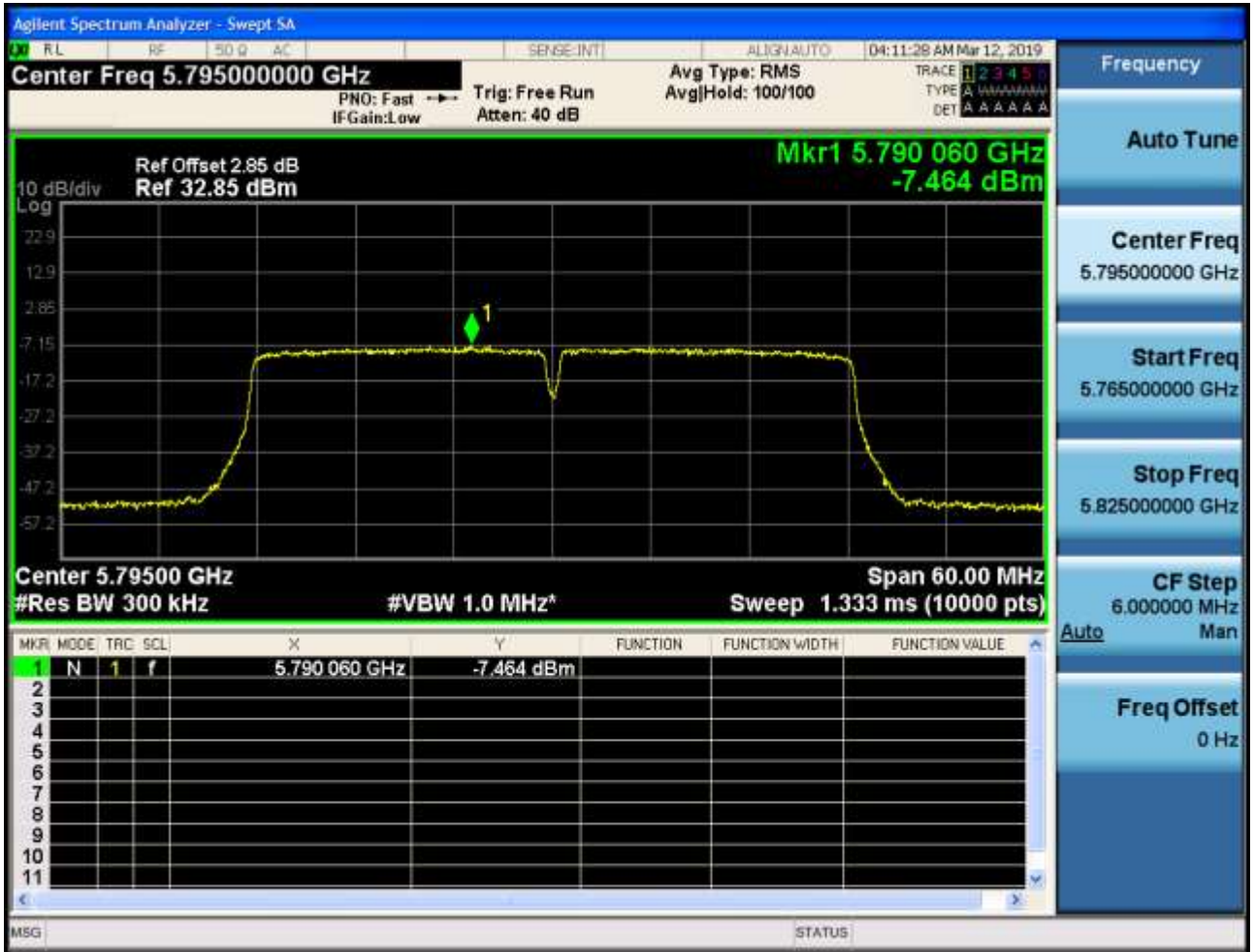


1.32 11N40SISO_Ant1_5755



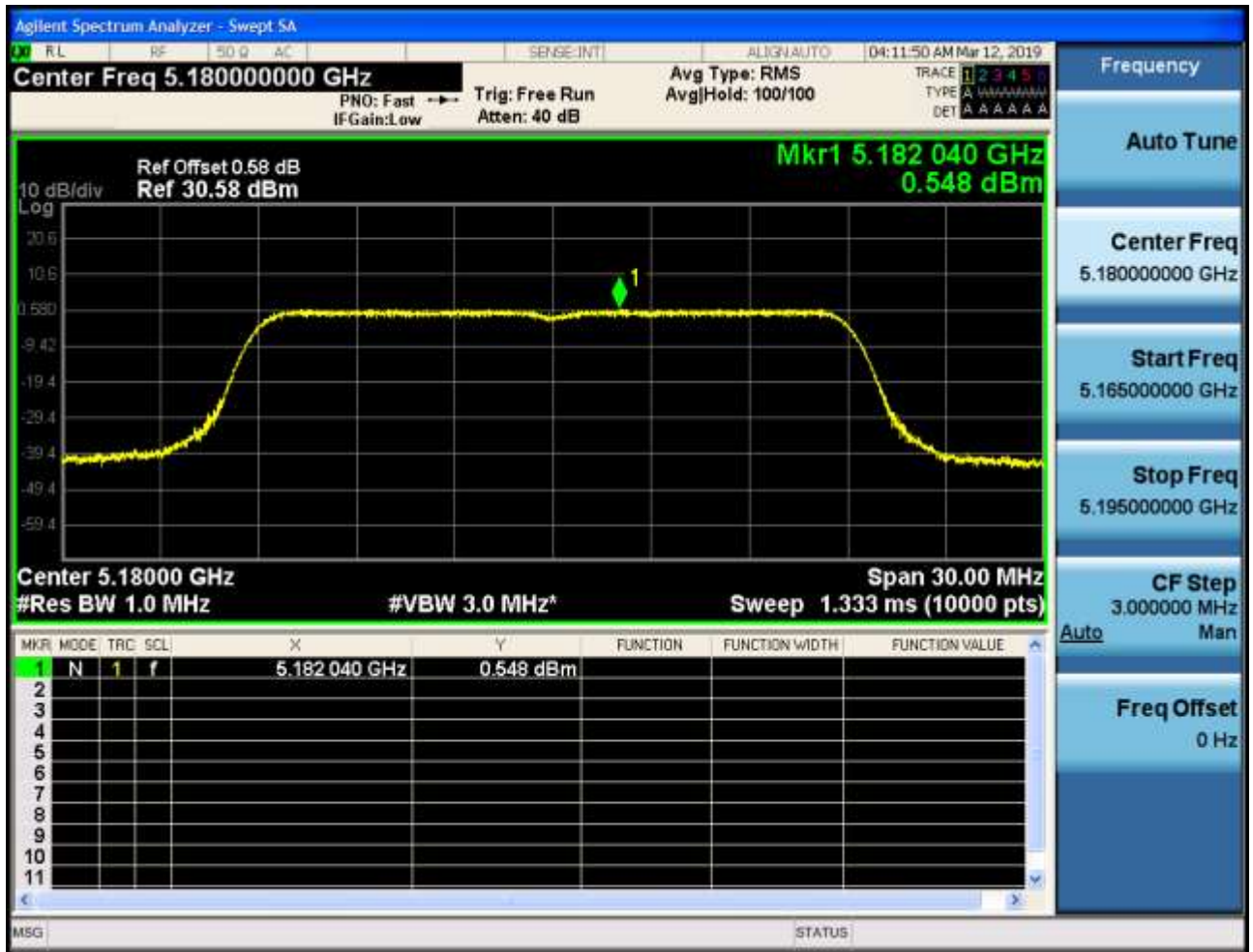


1.33 11N40SISO_Ant1_5795



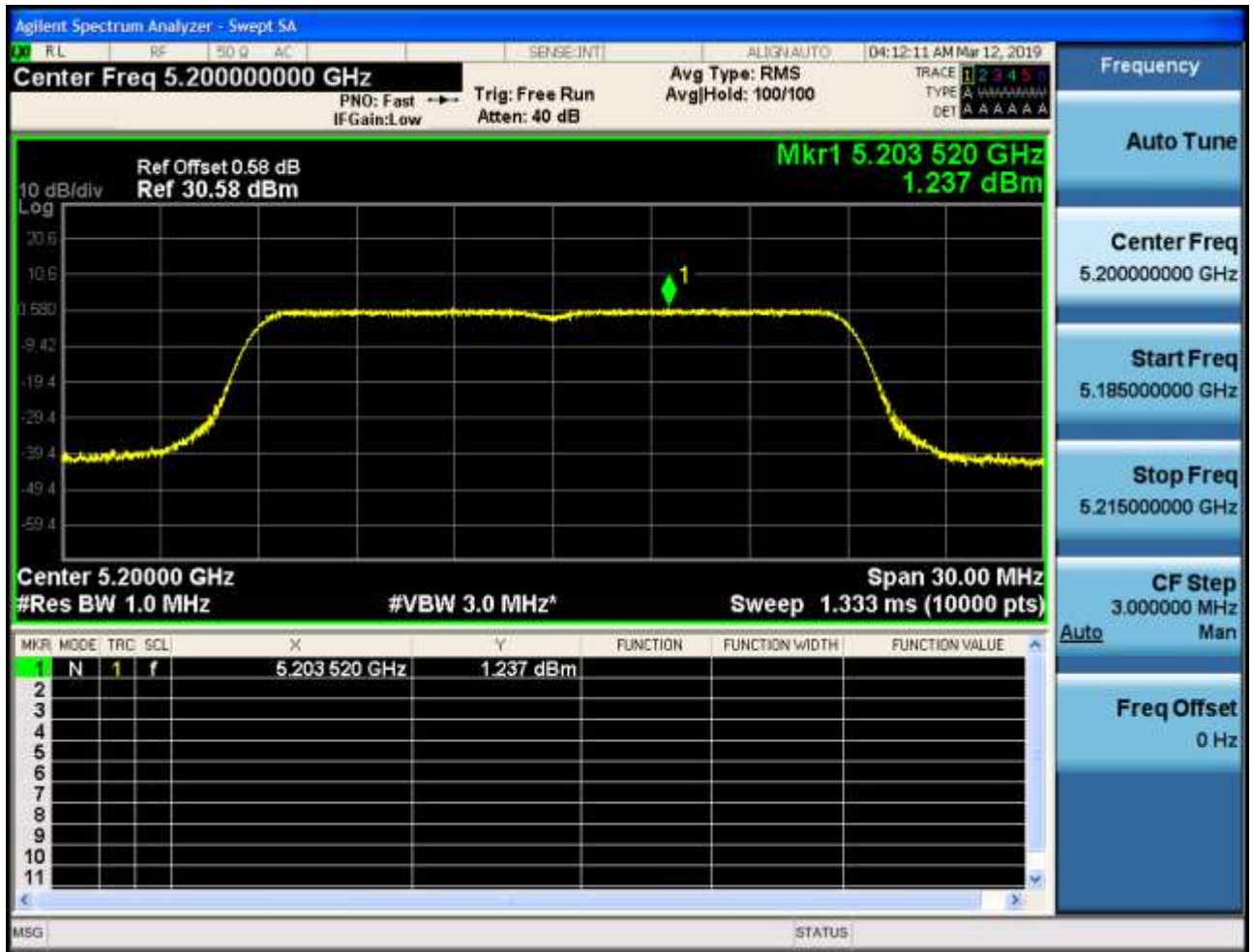


1.34 11AC20SISO_Ant1_5180



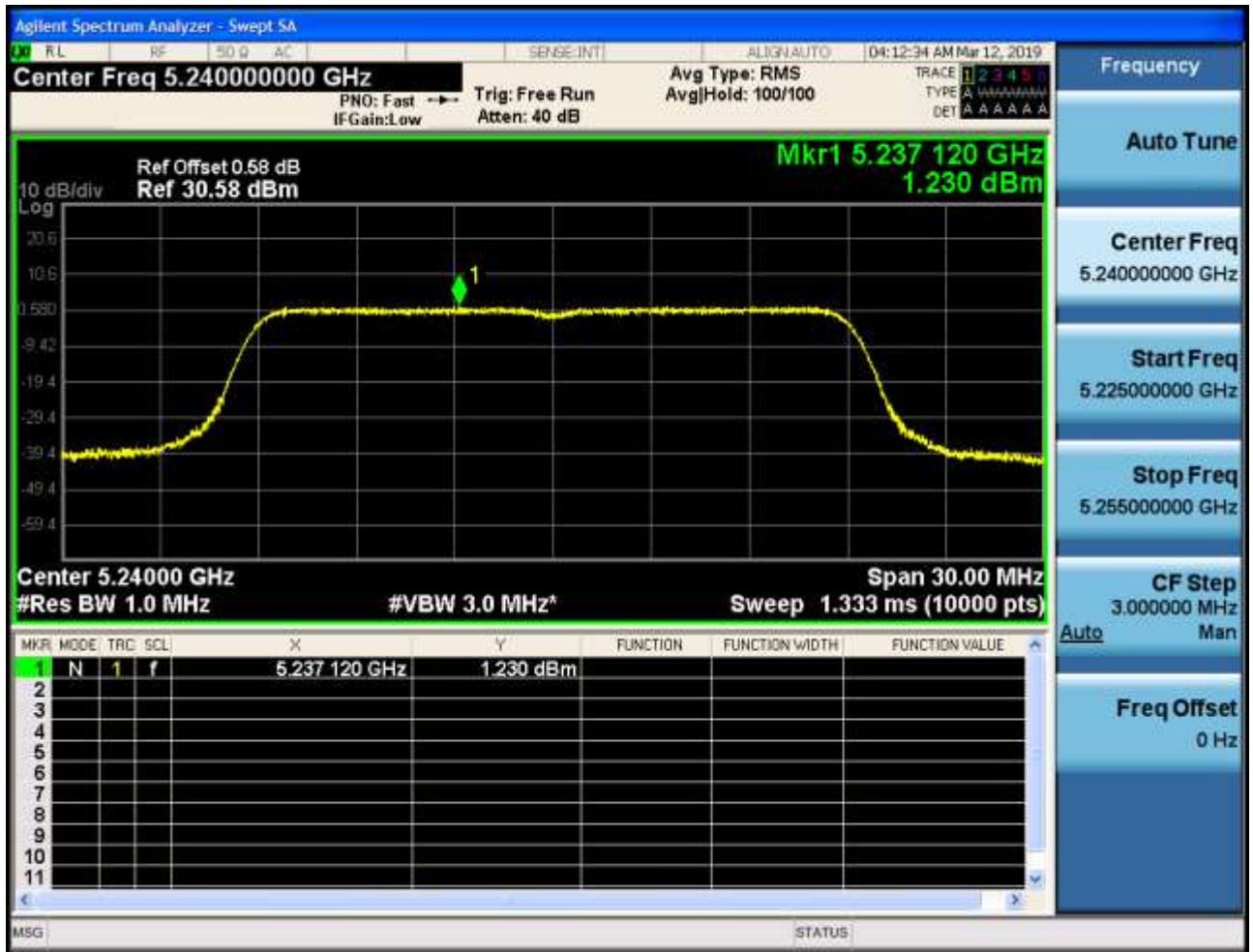


1.15 11AC20SISO_Ant1_5200



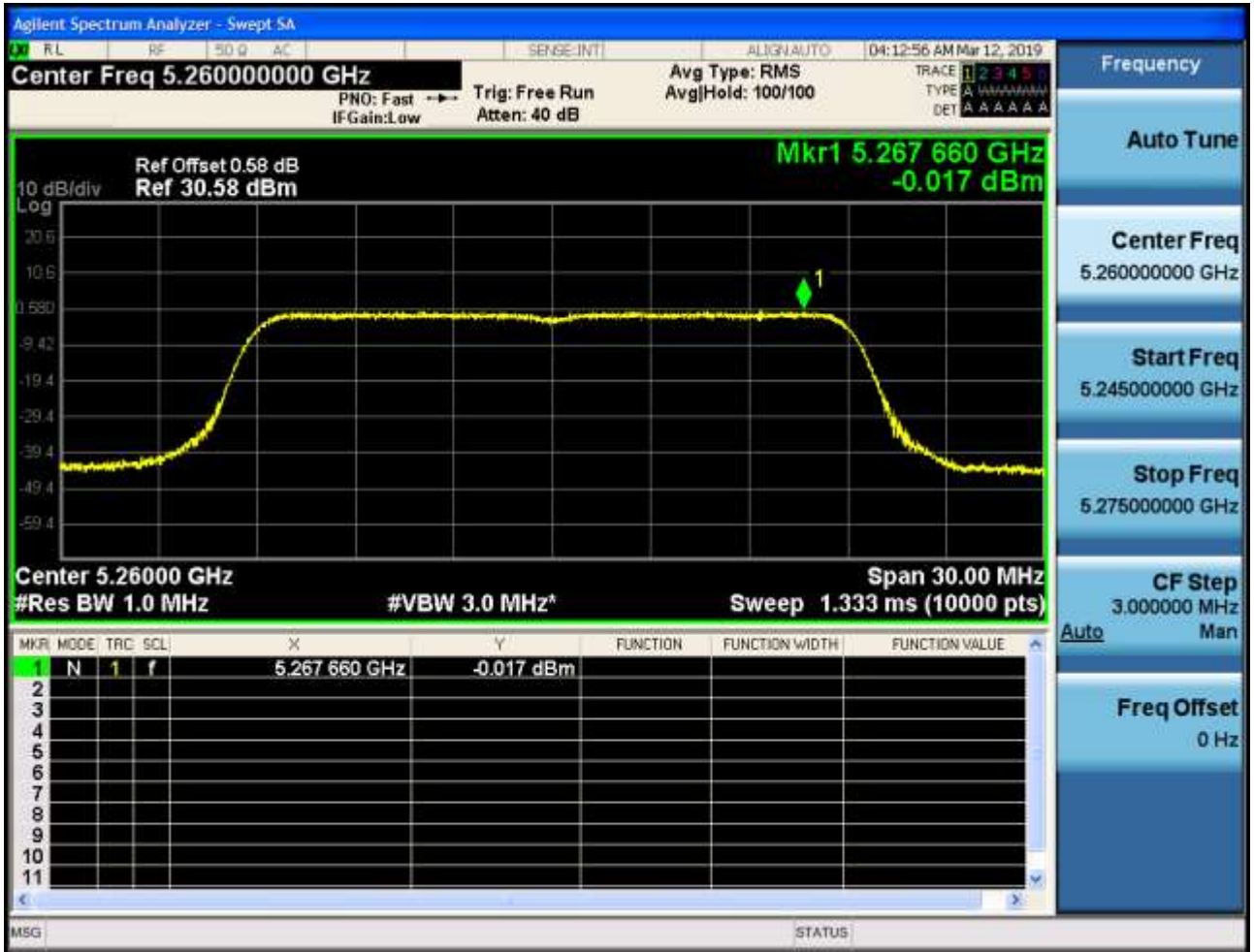


1.36 11AC20SISO_Ant1_5240



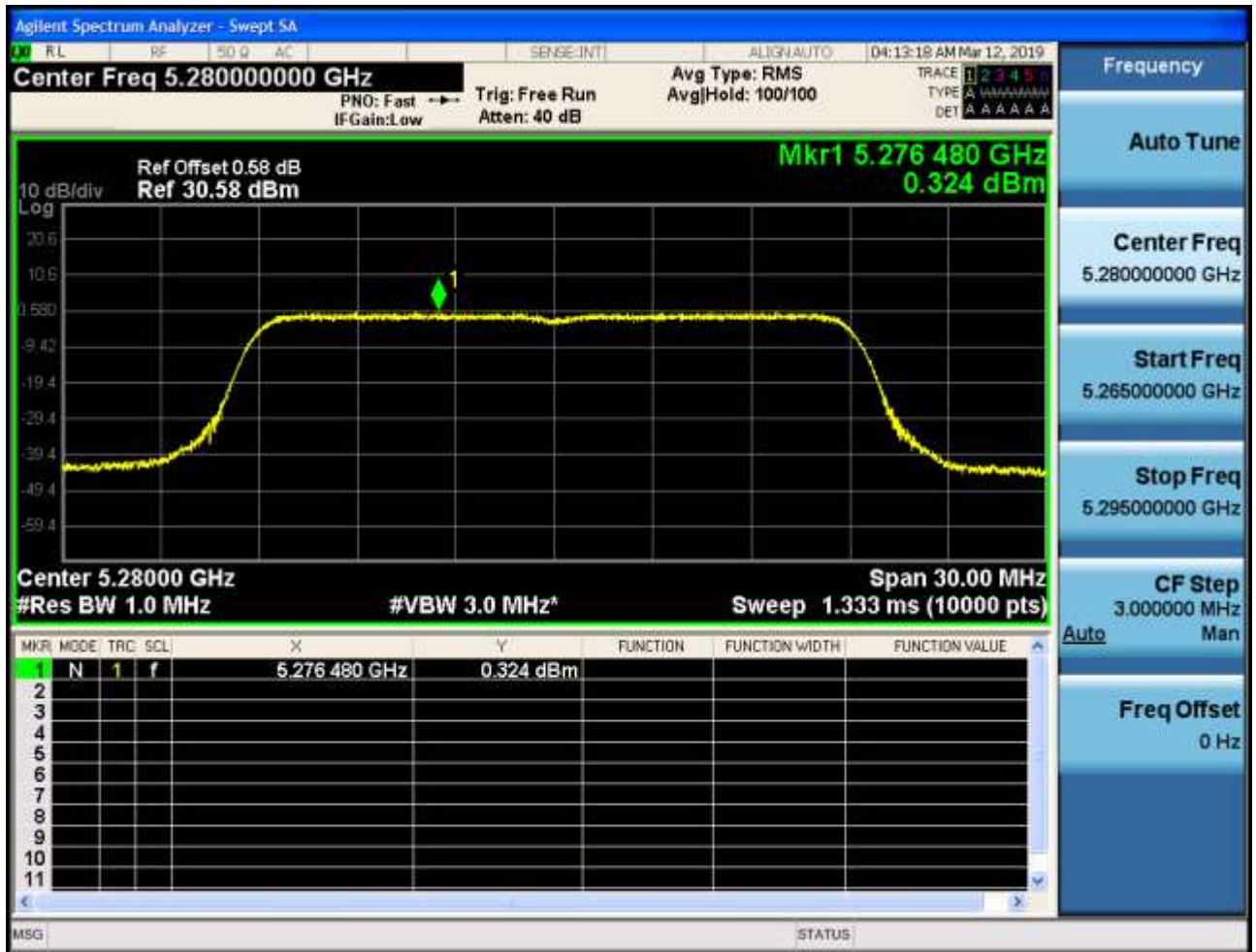


1.37 11AC20SISO_Ant1_5260





1.38 11AC20SISO_Ant1_5280





1.39 11AC20SISO_Ant1_5320



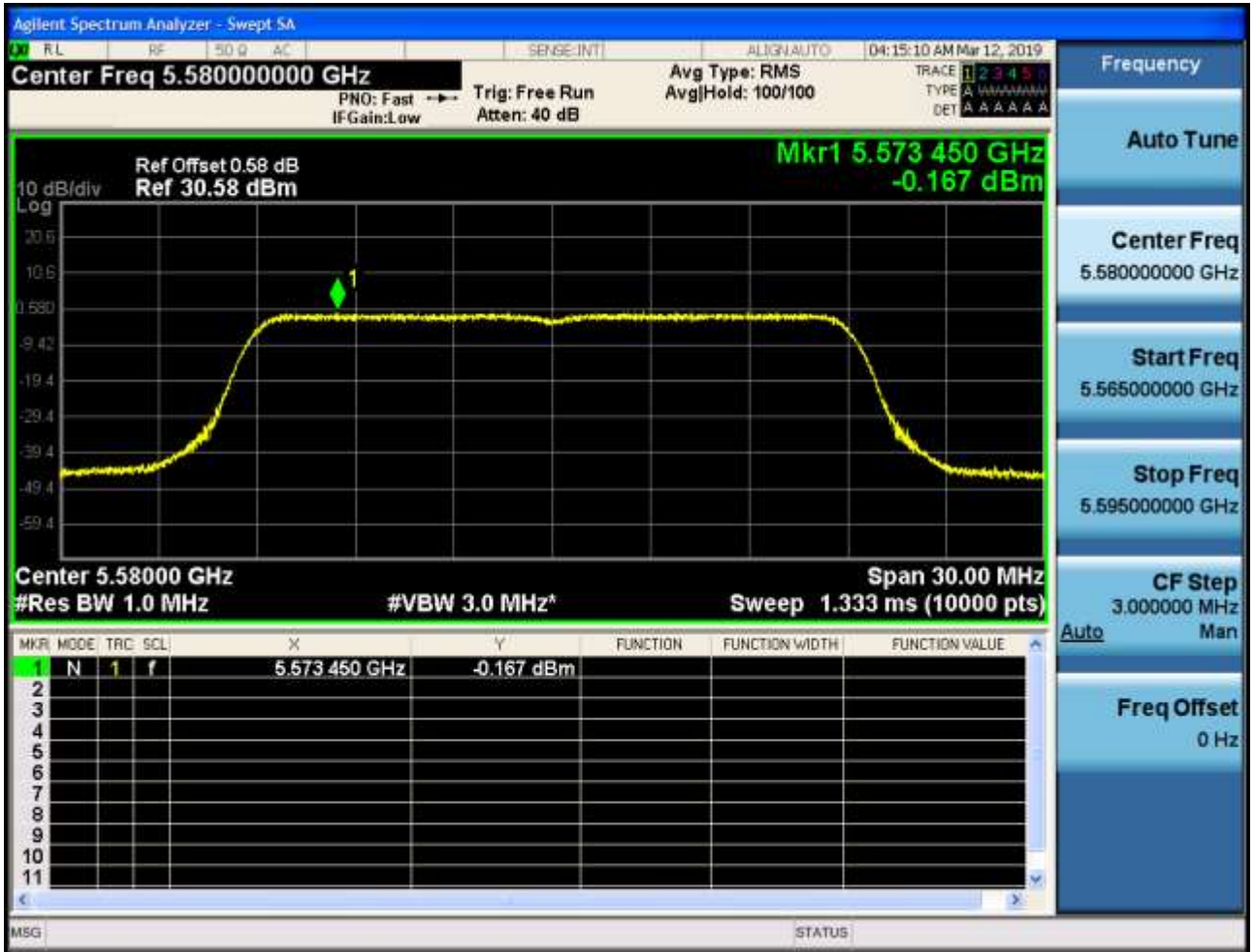


1.40 11AC20SISO_Ant1_5500



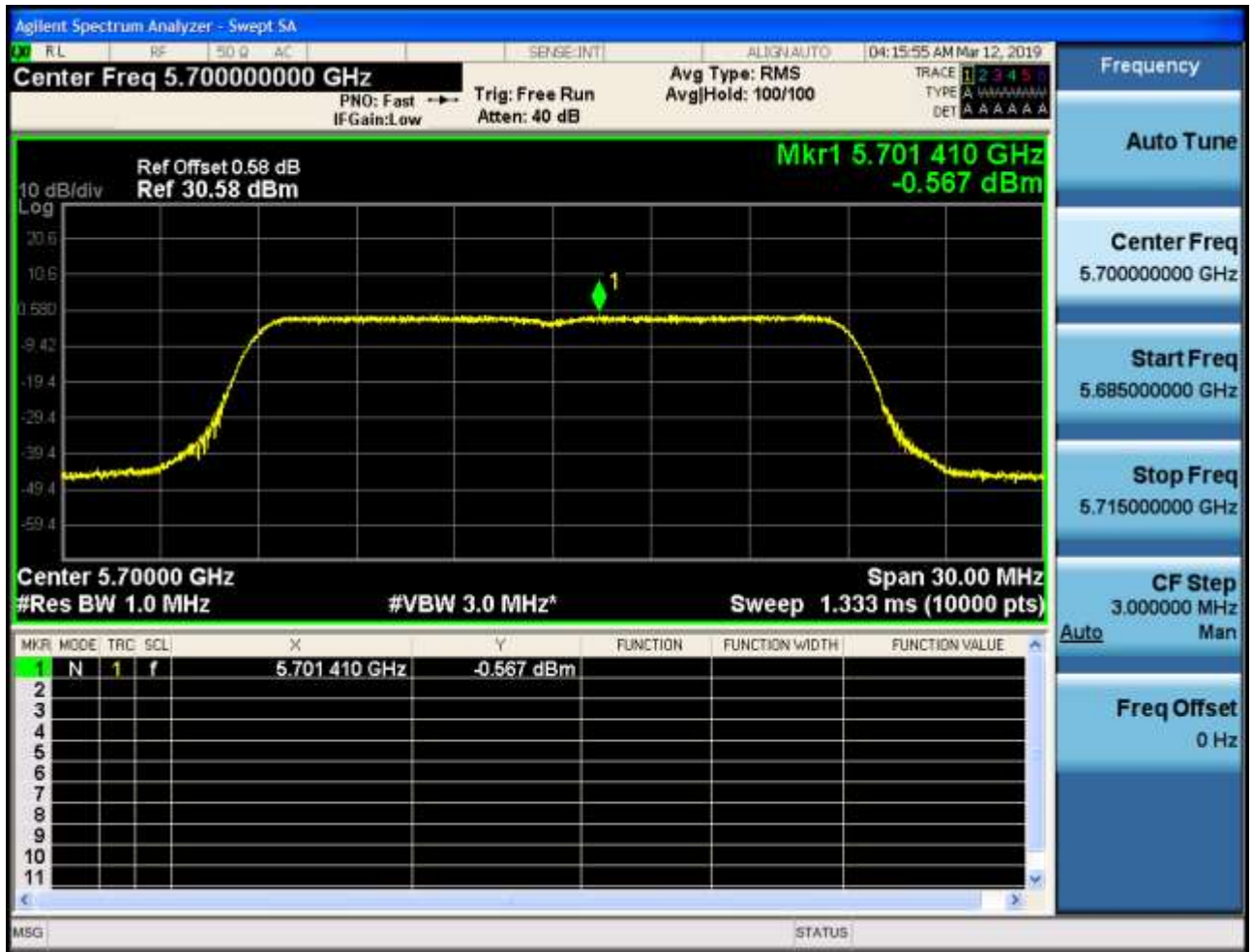


1.41 11AC20SISO_Ant1_5580





1.42 11AC20SISO_Ant1_5700





1.43 11AC20SISO_Ant1_5745



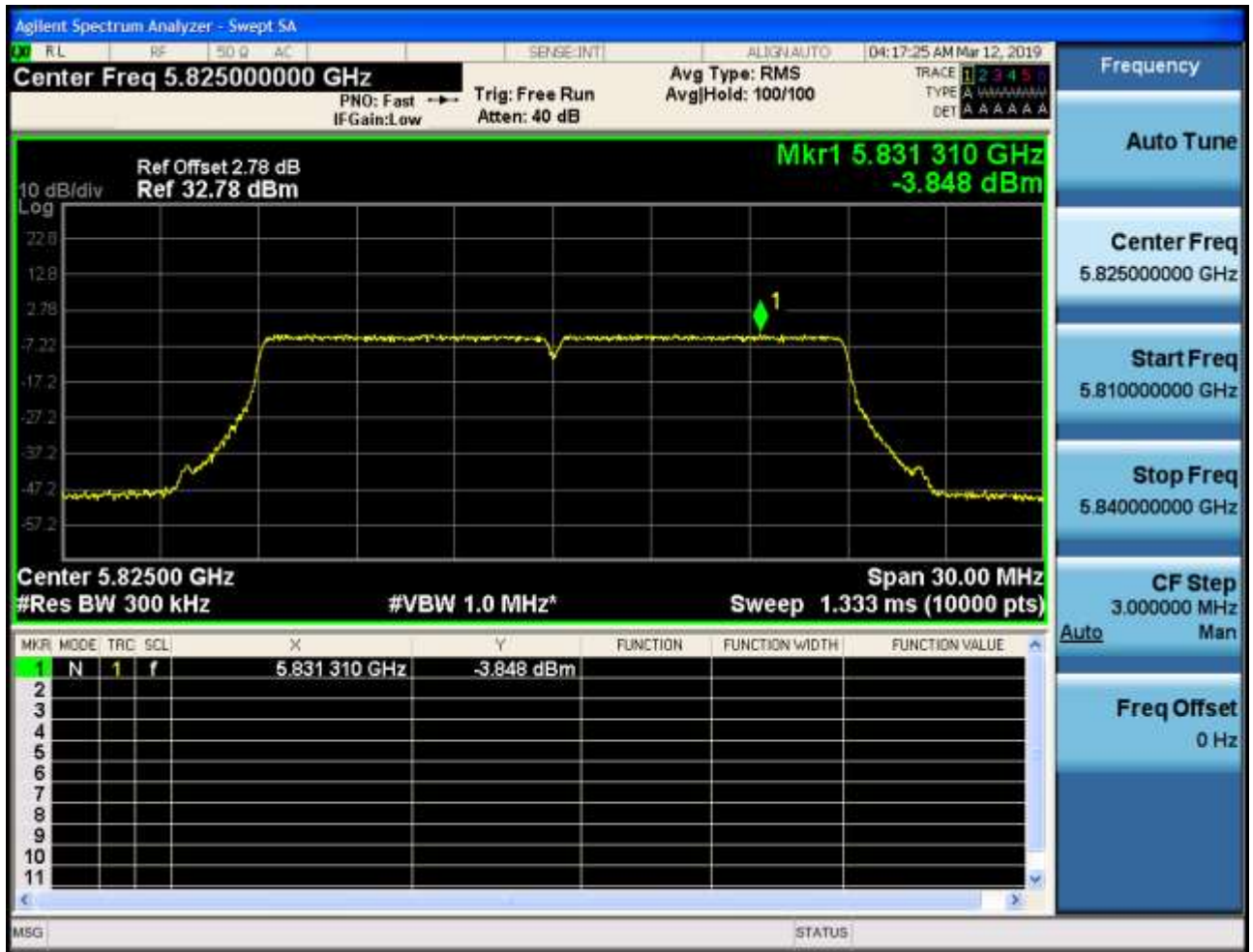


1.44 11AC20SISO_Ant1_5785



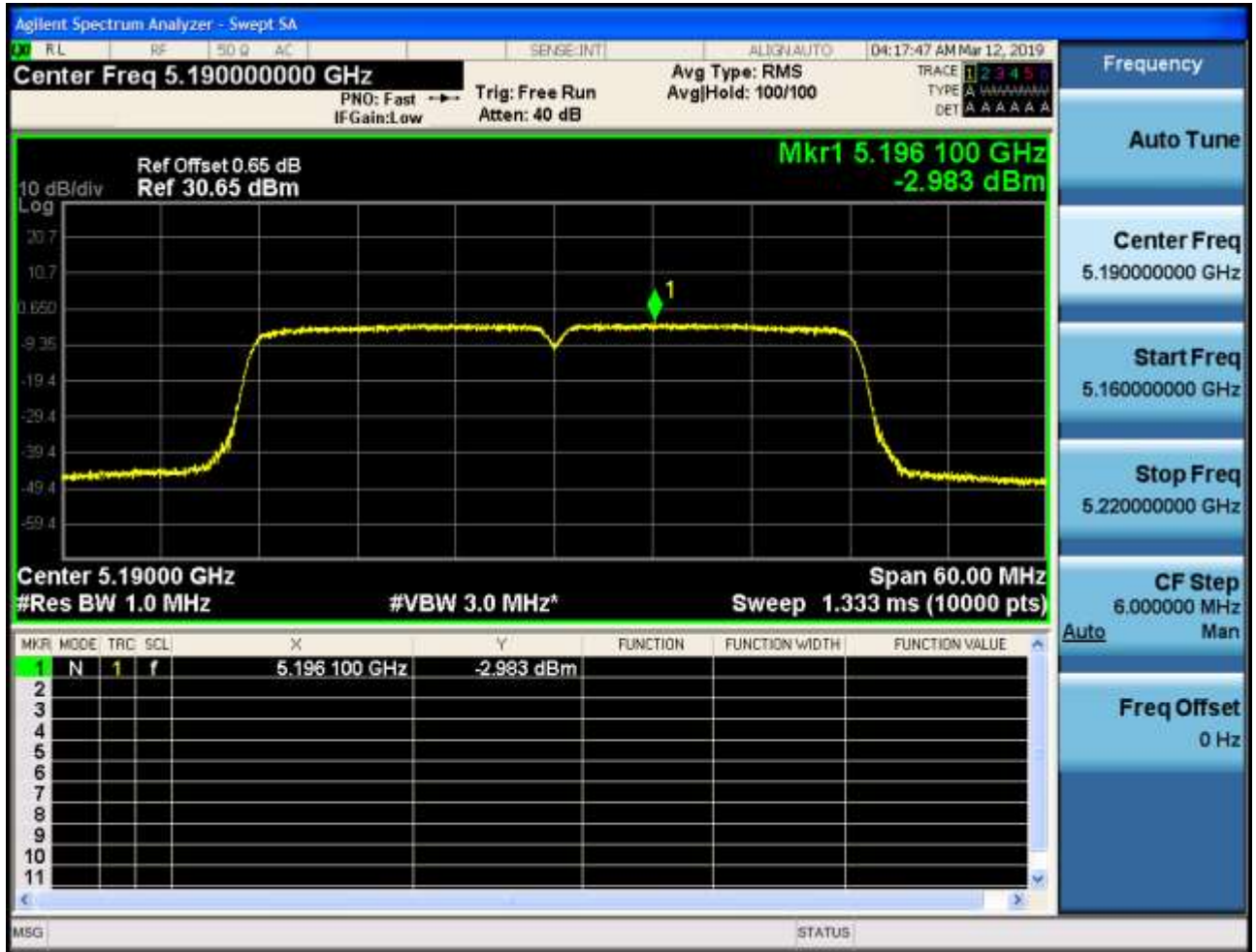


1.45 11AC20SISO_Ant1_5825



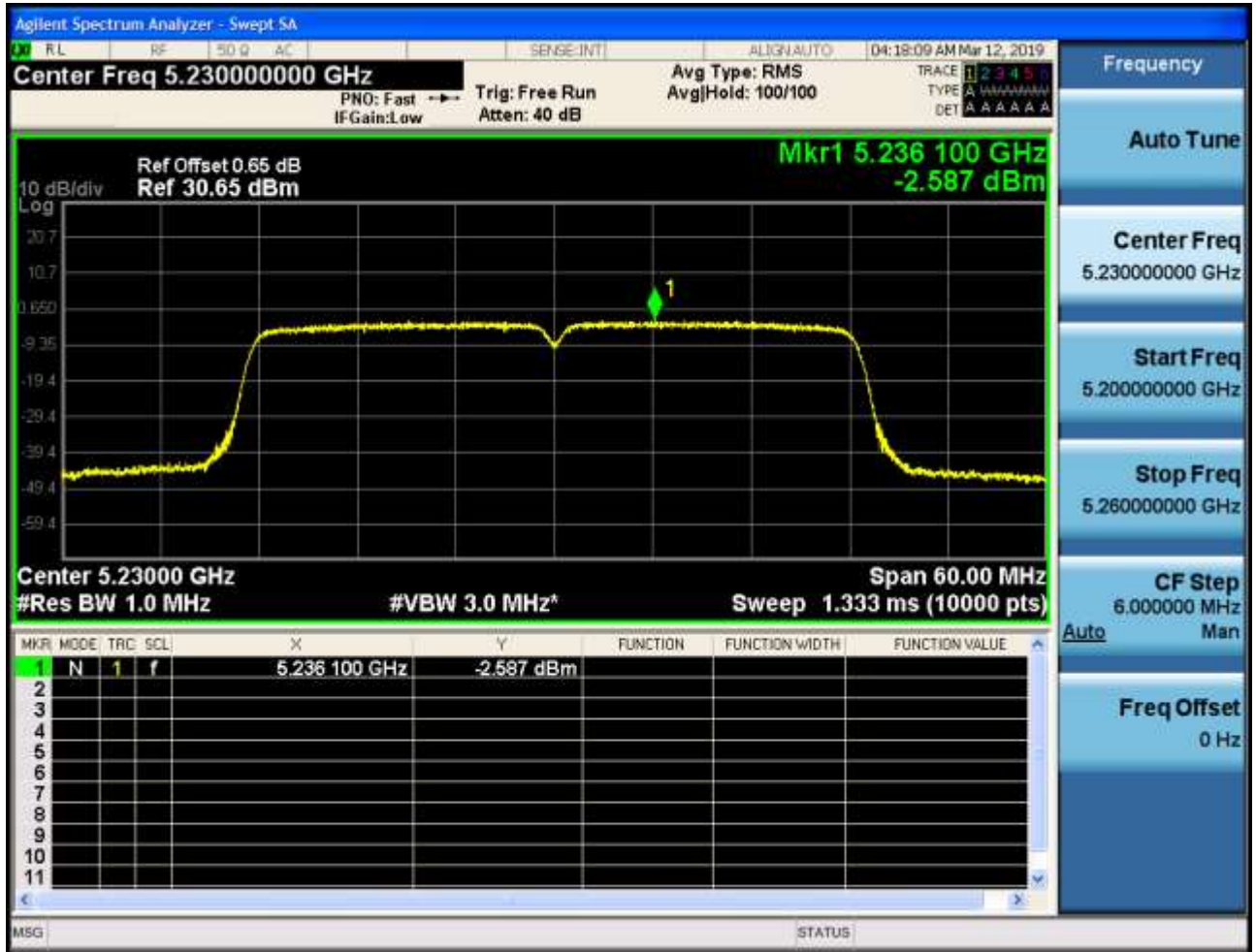


1.46 11AC40SISO_Ant1_5190



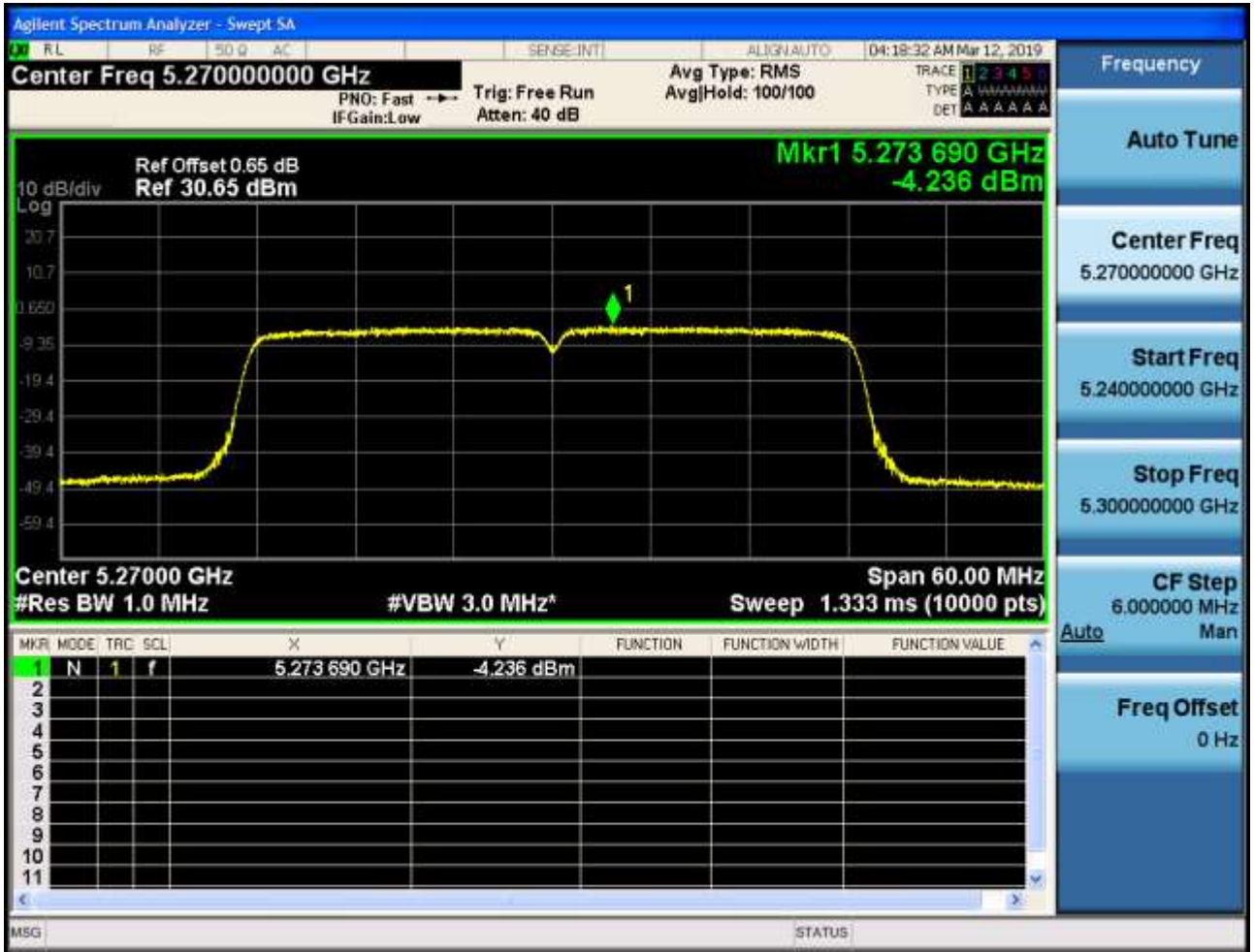


1.47 11AC40SISO_Ant1_5230



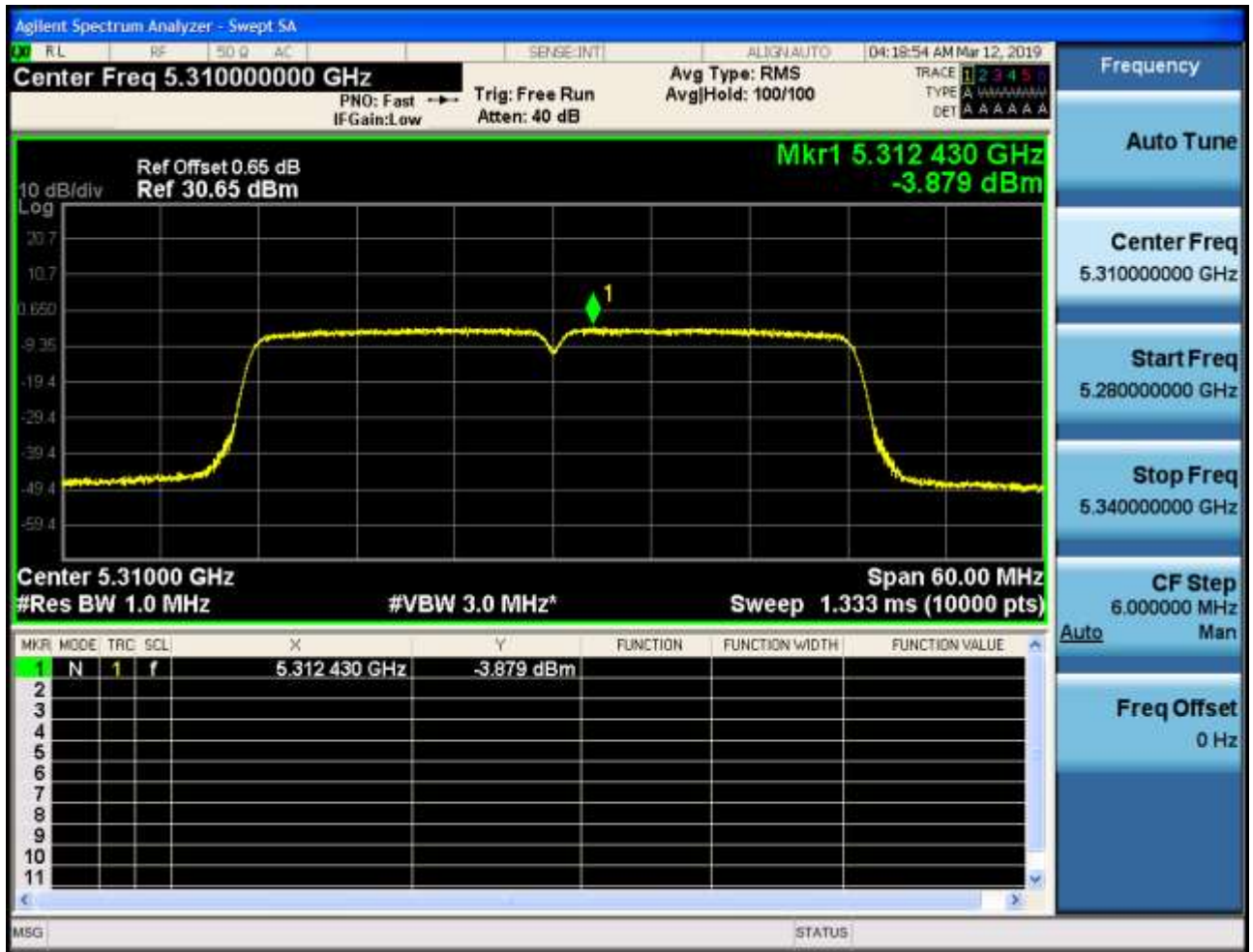


1.48 11AC40SISO_Ant1_5270



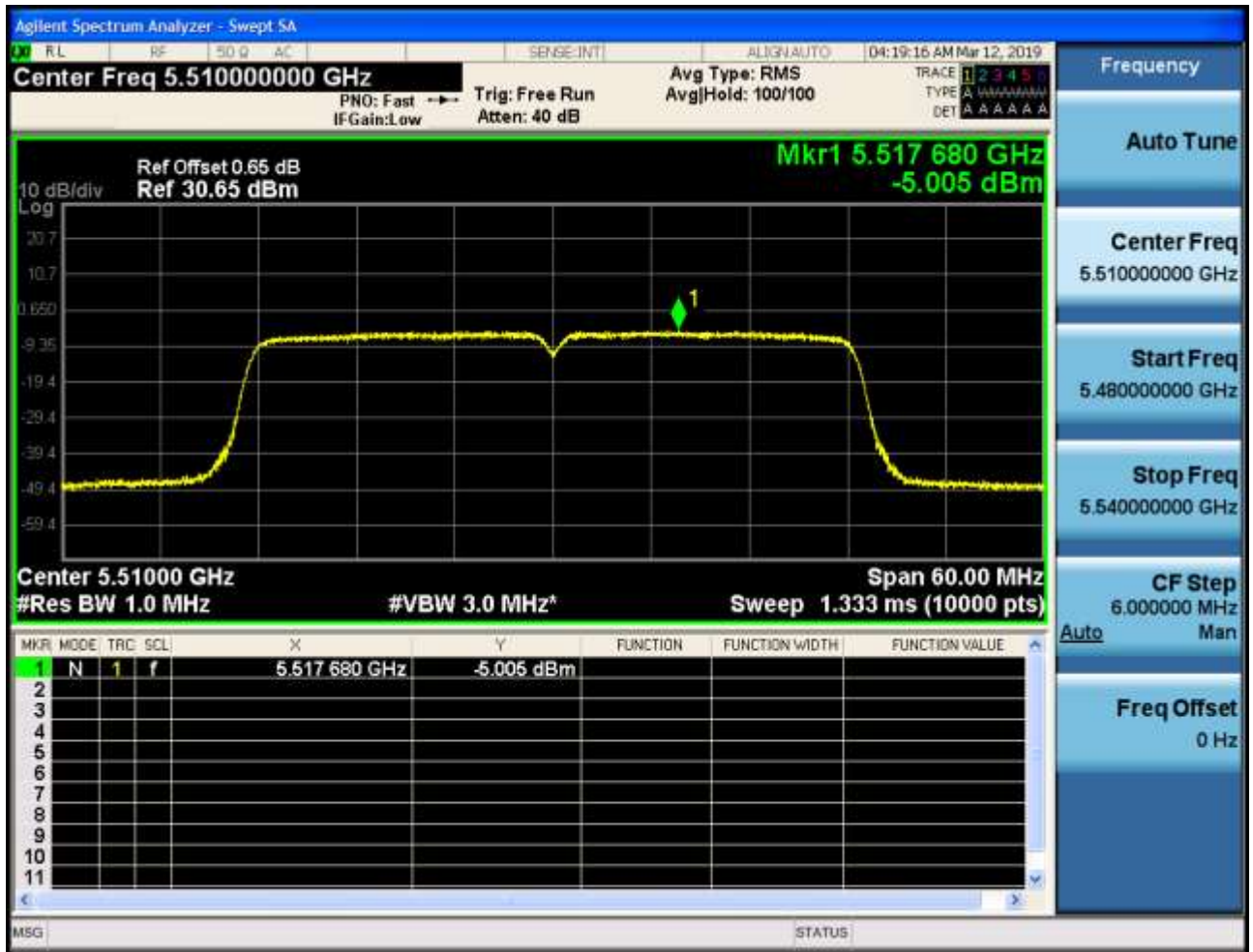


1.49 11AC40SISO_Ant1_5310



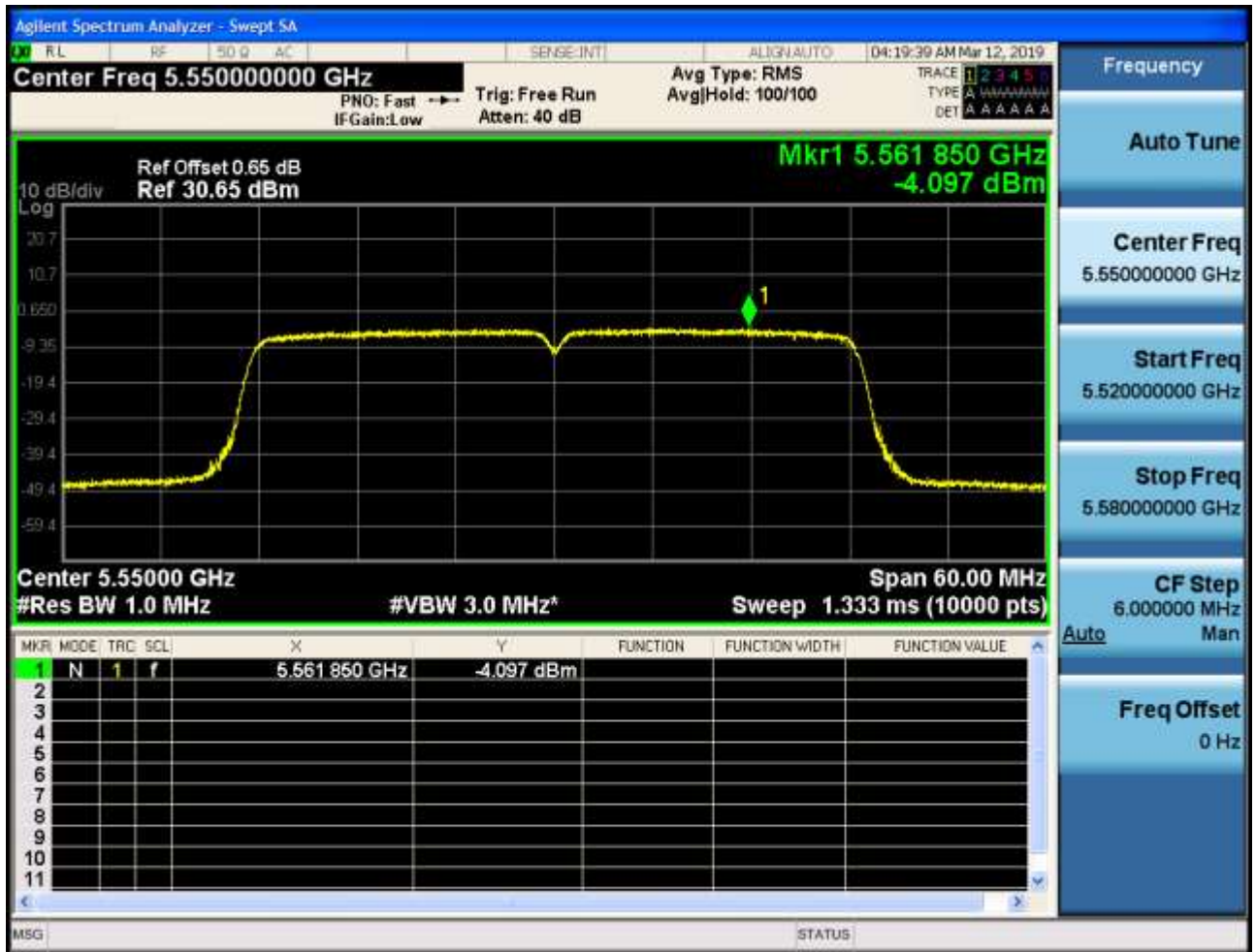


1.50 11AC40SISO_Ant1_5510



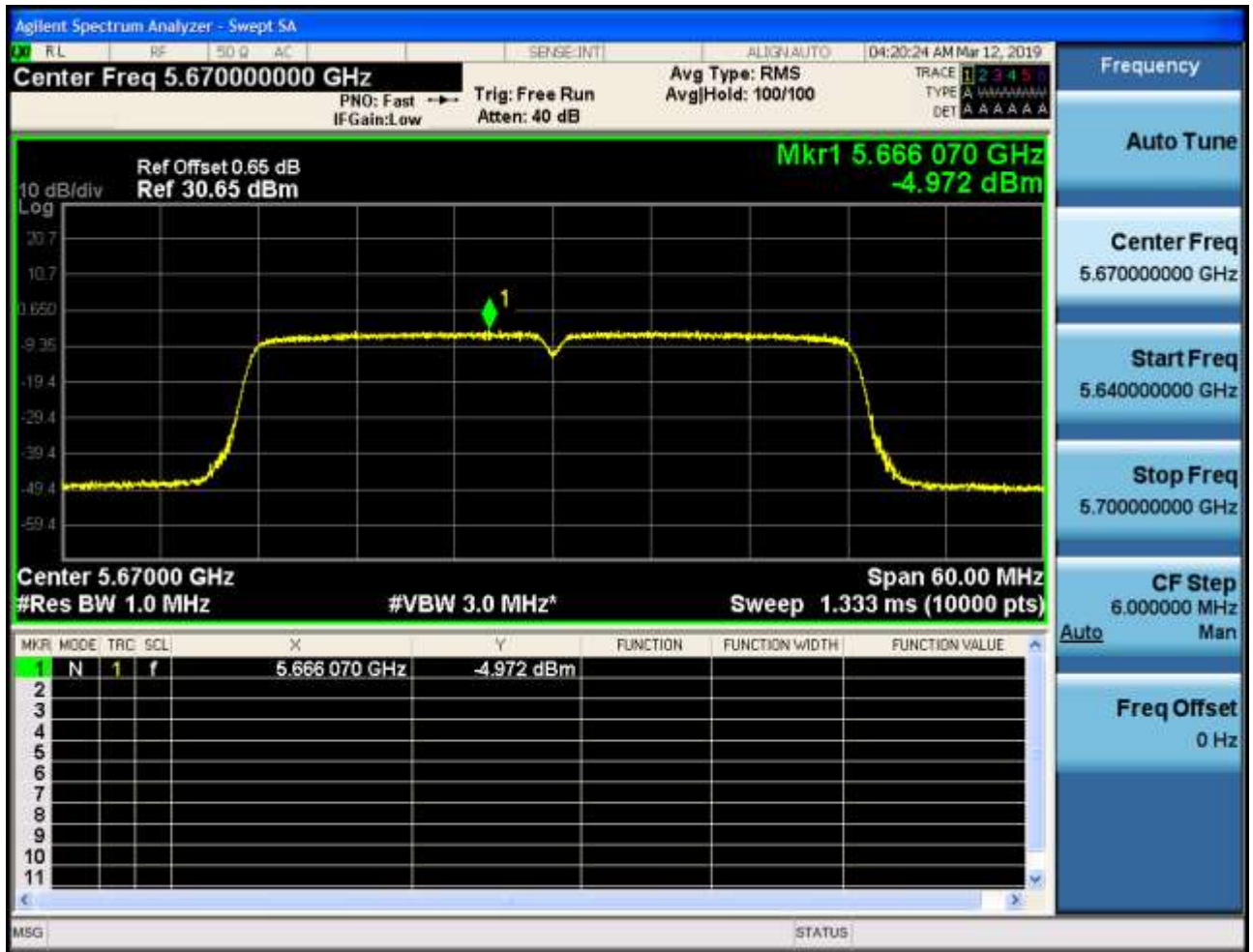


1.51 11AC40SISO_Ant1_5550





1.52 11AC40SISO_Ant1_5670



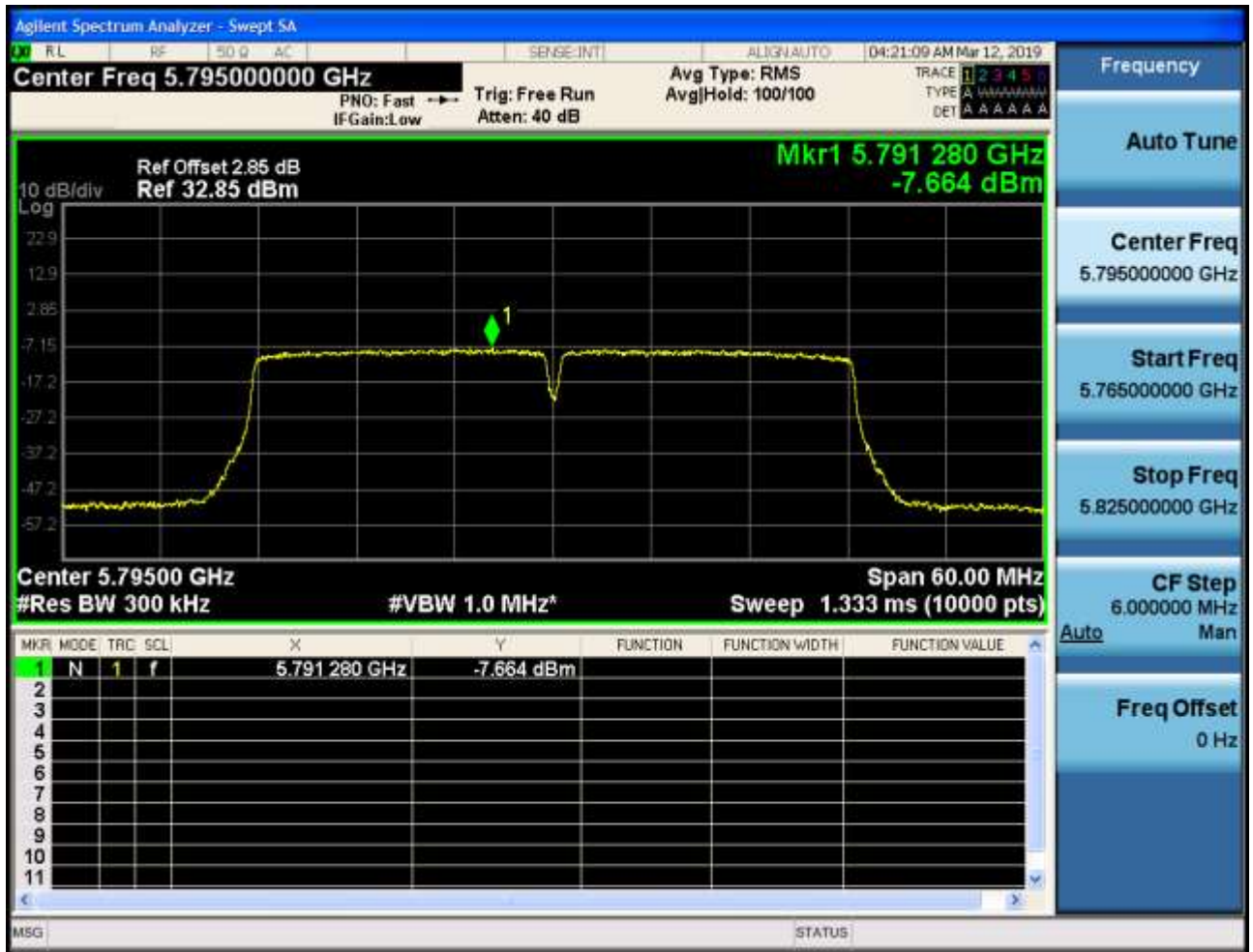


1.53 11AC40SISO_Ant1_5755



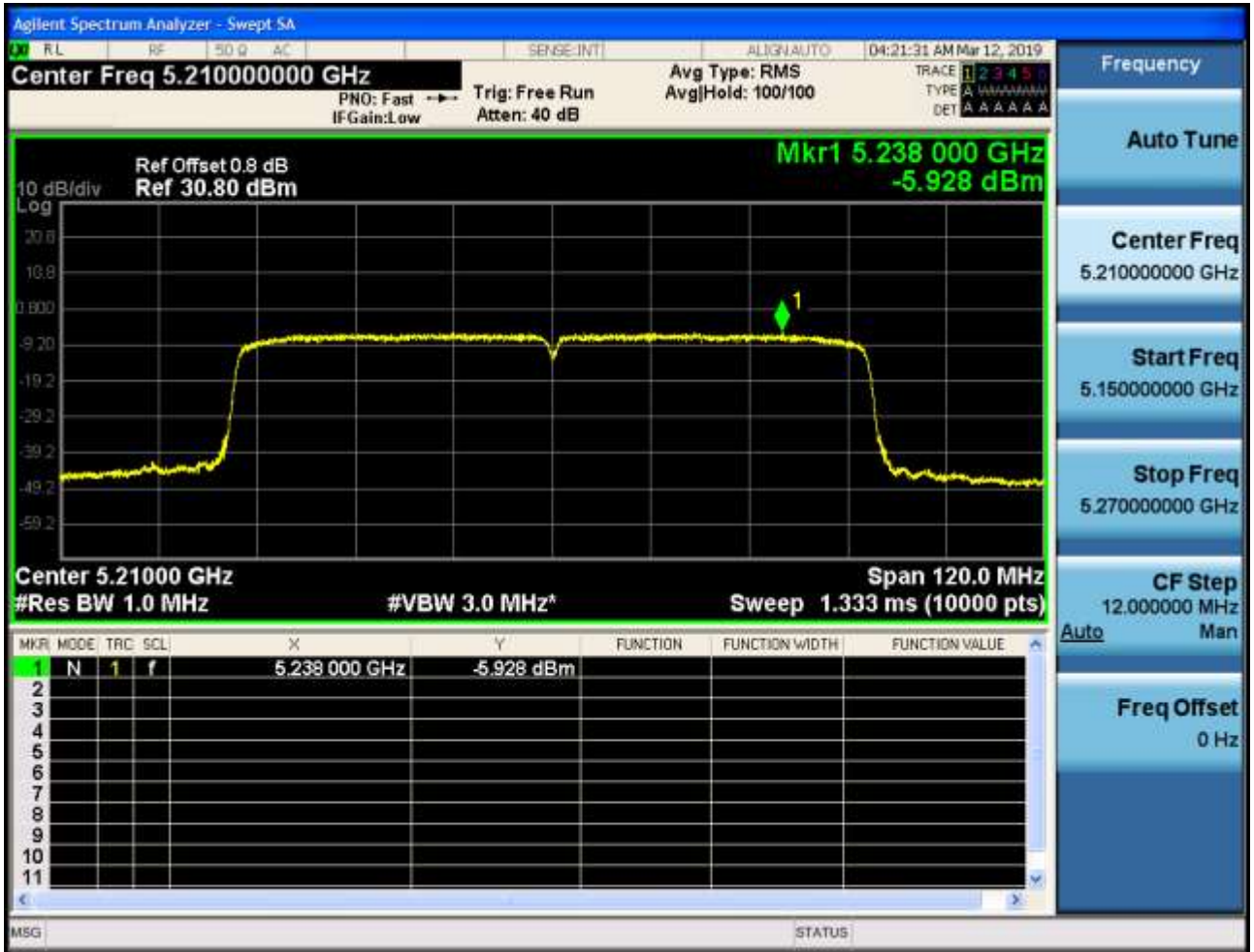


1.54 11AC40SISO_Ant1_5795



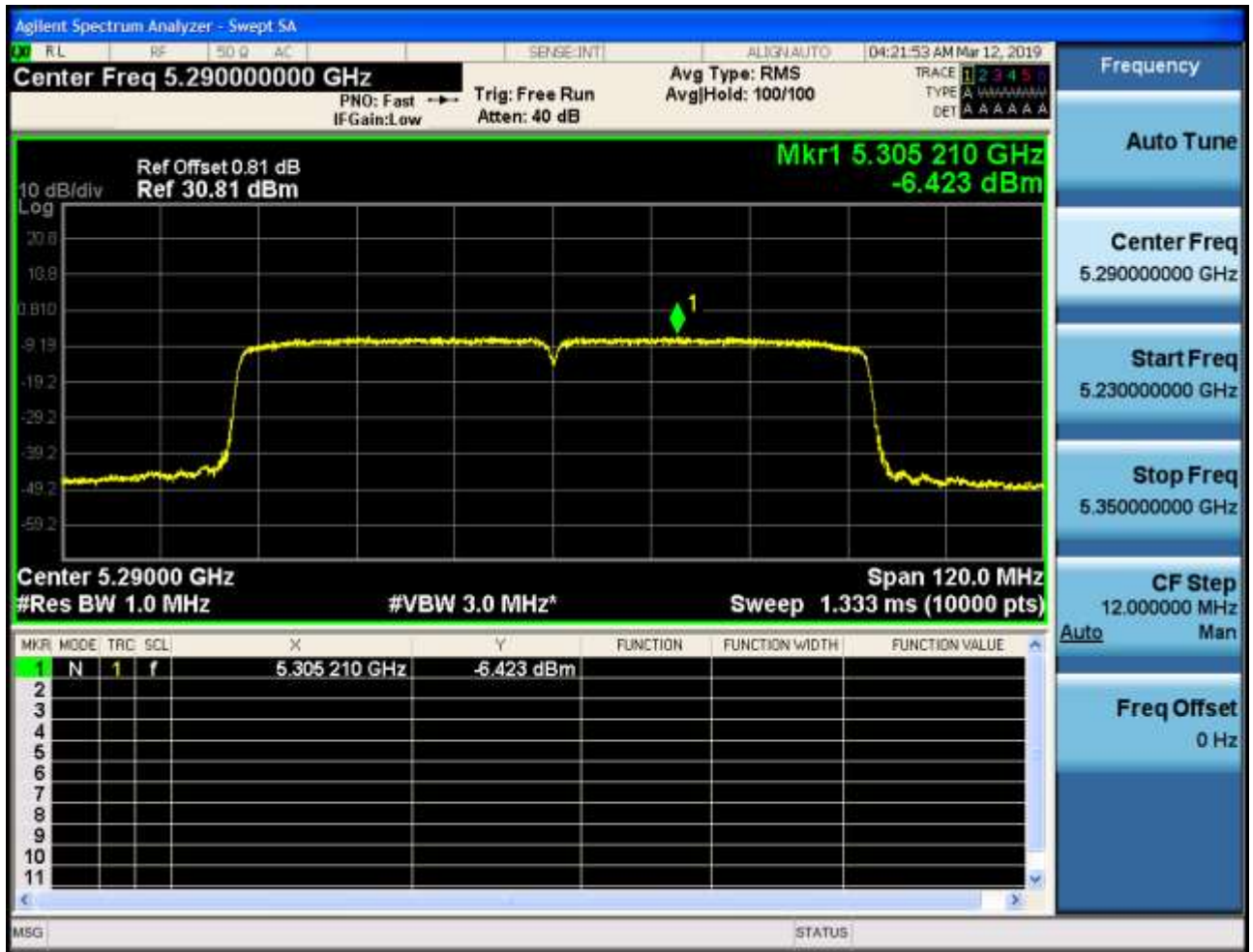


1.55 11AC80SISO_Ant1_5210



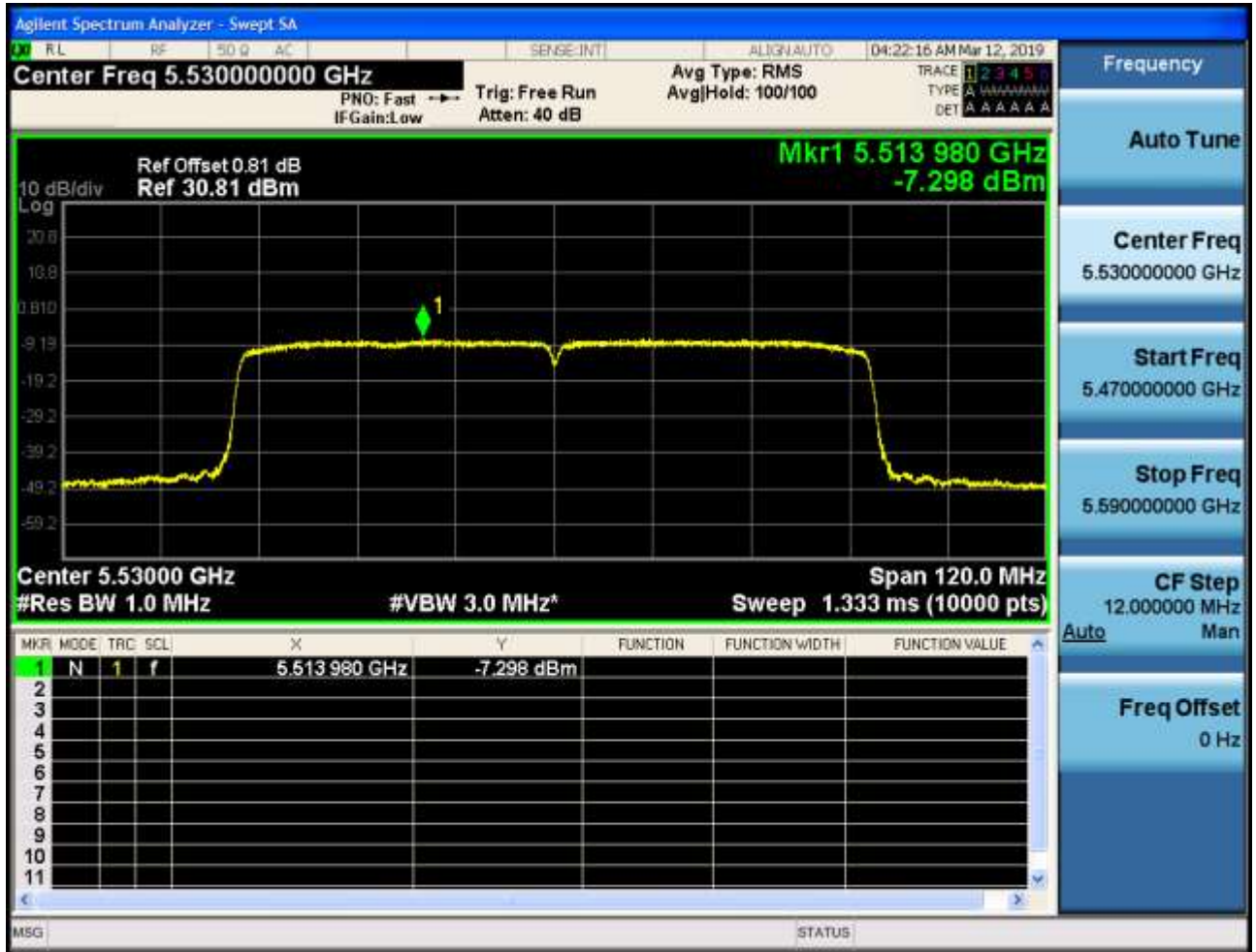


1.56 11AC80SISO_Ant1_5290



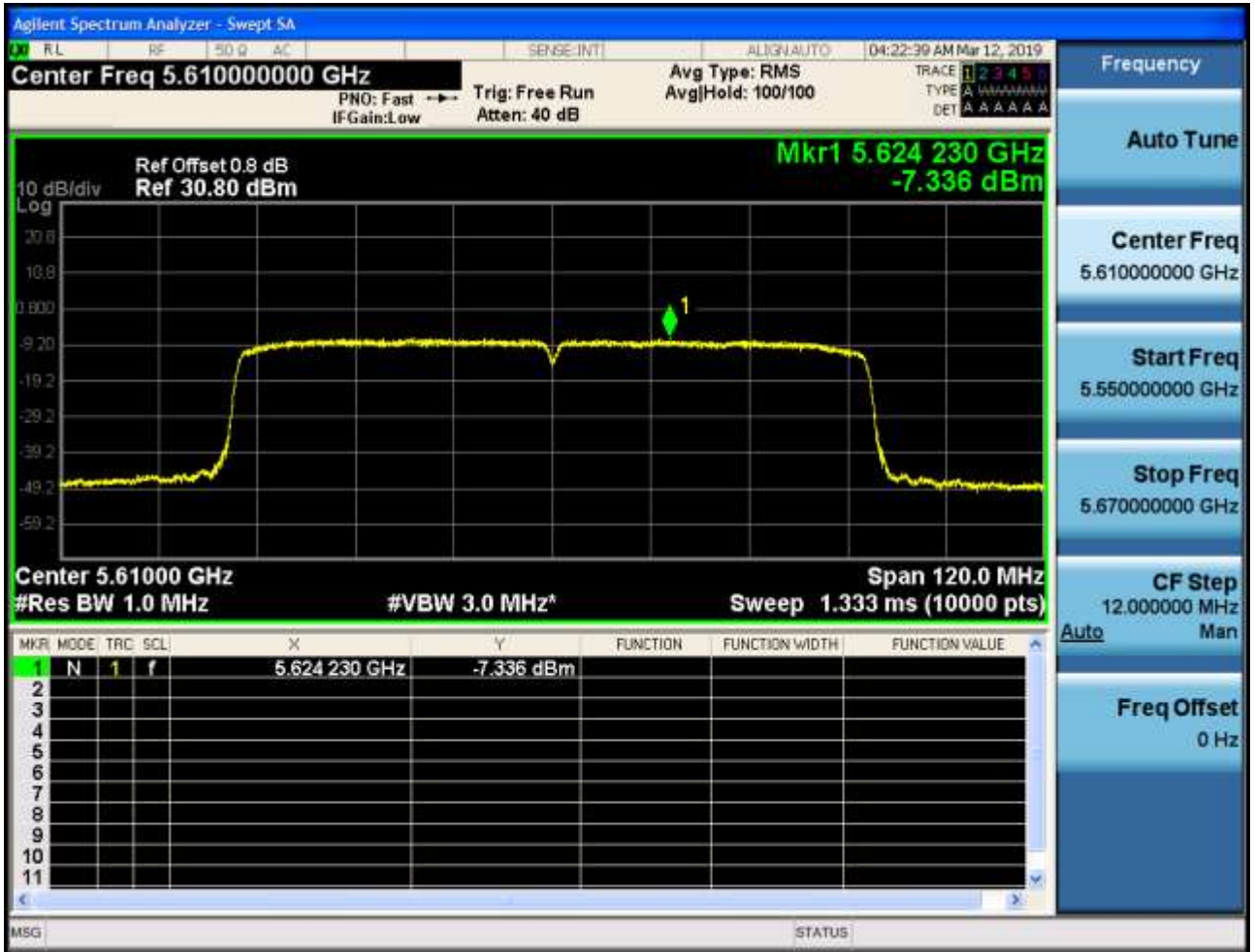


1.57 11AC80SISO_Ant1_5530





1.58 11AC80SISO_Ant1_5610





1.59 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	0	0	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	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	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	20000	3.433476	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

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