

Appendix M

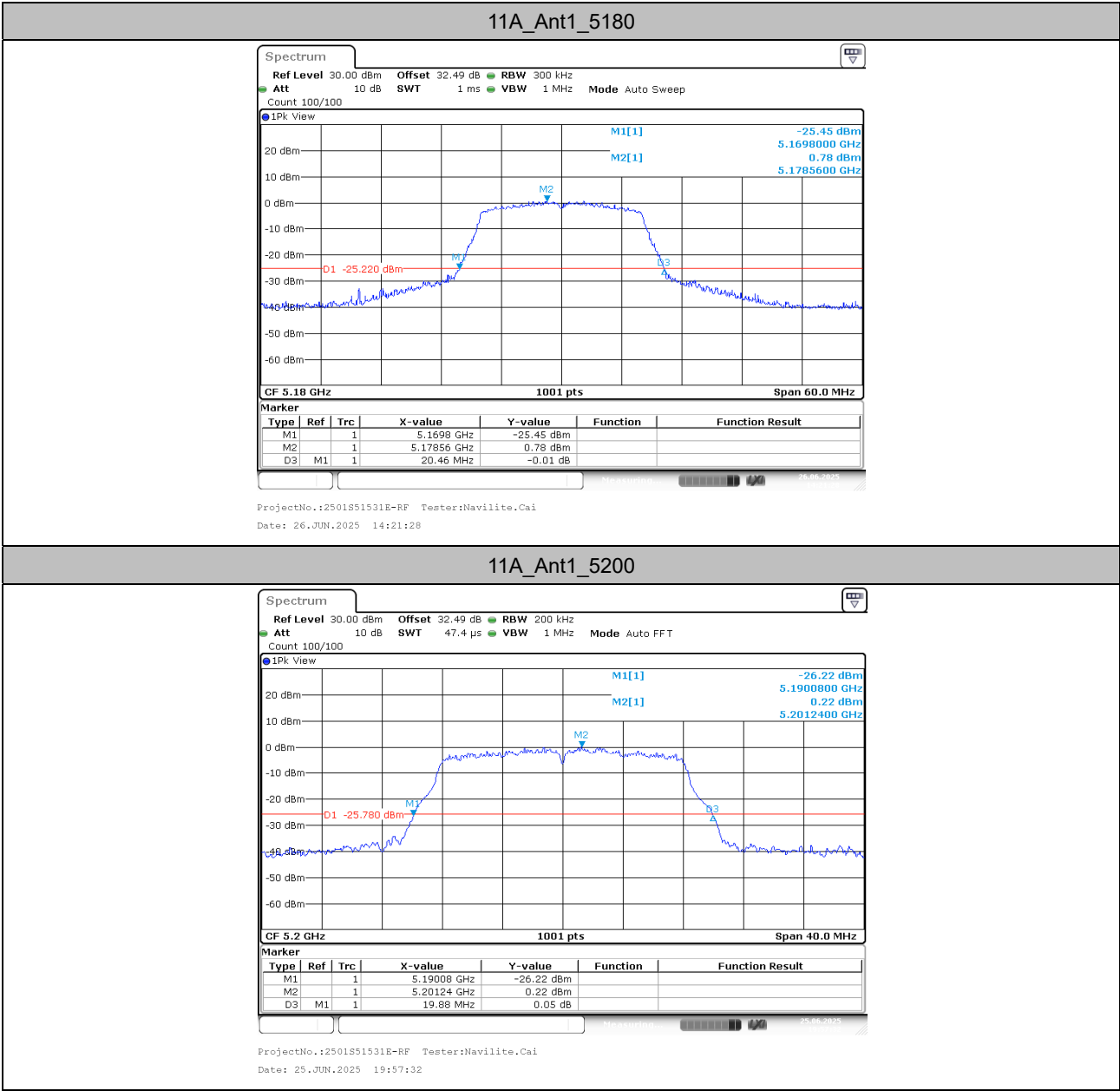
Case No. : <u>2501S51531E-RF</u>
Ambient Condition: <u>24.8-26.2℃</u> , <u>47-56%RH</u> , <u>100.2kPa</u> ,
According Standard: ■ <u>Part15.407/RSS-247</u>
Test Date: <u>2025-5-20~2025-06-26</u> Test Engineer: <u>Navilite.Cai</u>
Test Mode: <u>Transmitting</u>

Emission Bandwidth

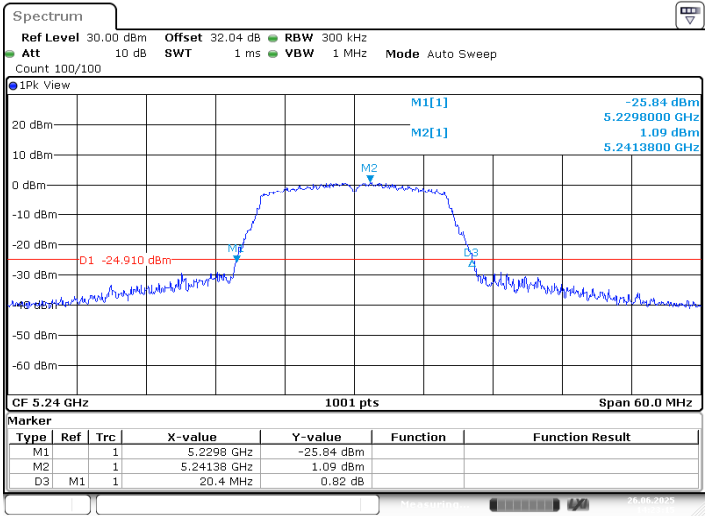
Test Result

Test Mode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	20.46	5169.80	5190.26
		5200	19.88	5190.08	5209.96
		5240	20.40	5229.80	5250.20
		5260	19.92	5250.04	5269.96
		5280	19.96	5269.96	5289.92
		5320	19.84	5310.00	5329.84
11AC20SISO	Ant1	5180	20.64	5169.68	5190.32
		5200	20.64	5189.68	5210.32
		5240	20.70	5229.68	5250.38
		5260	20.64	5249.68	5270.32
		5280	20.64	5269.62	5290.26
		5320	20.64	5309.68	5330.32
11AC40SISO	Ant1	5190	41.28	5169.44	5210.72
		5230	41.28	5209.36	5250.64
		5270	41.12	5249.52	5290.64
		5310	41.28	5289.36	5330.64
11AC80SISO	Ant1	5210	89.76	5169.20	5258.96
		5290	83.04	5249.20	5332.24

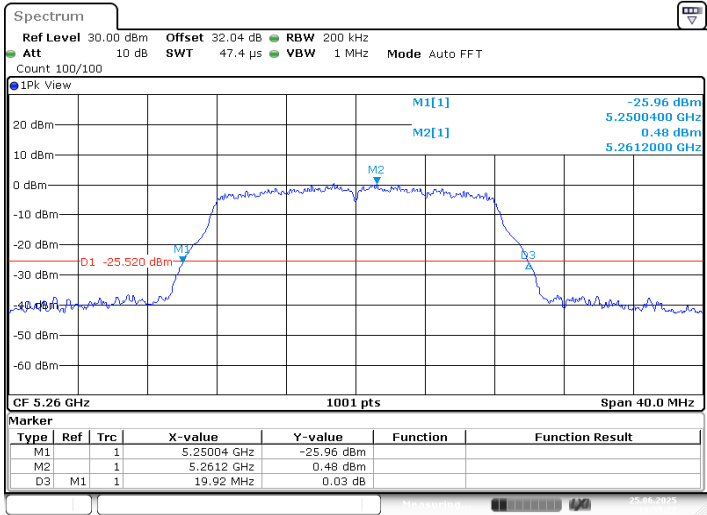
Test Graphs



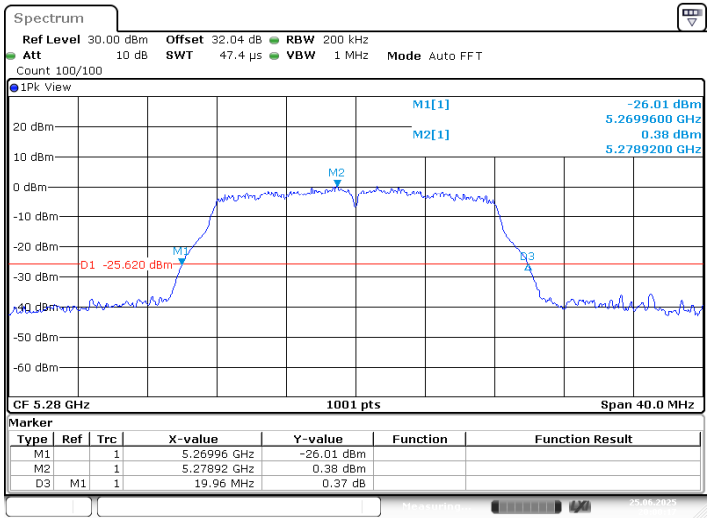
11A_Ant1_5240



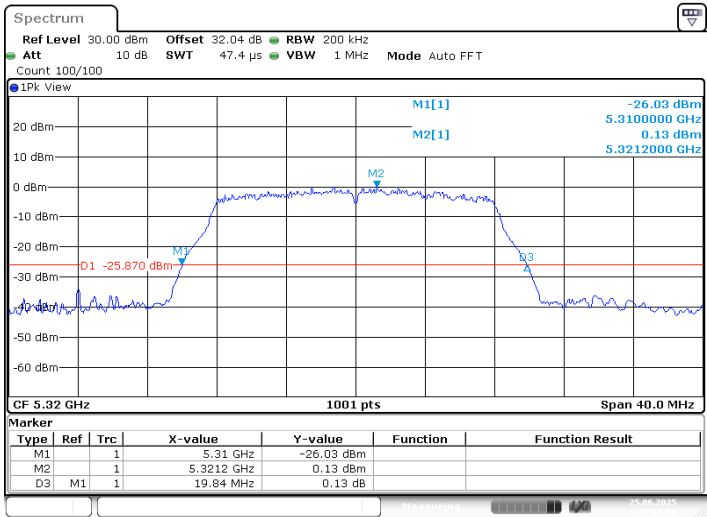
11A_Ant1_5260



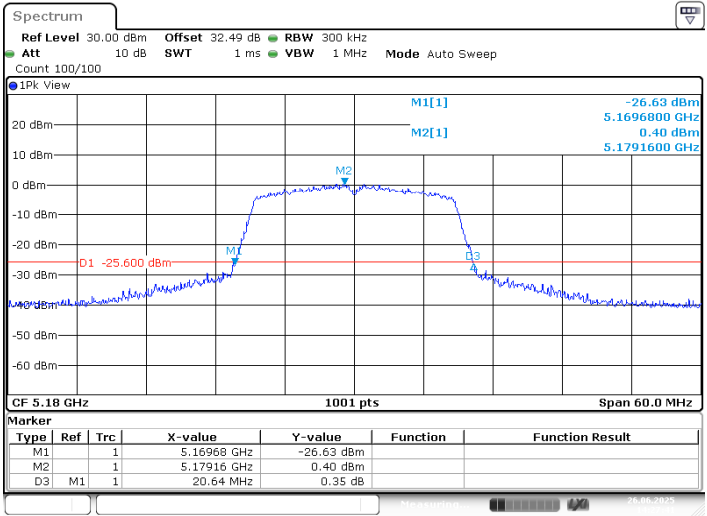
11A_Ant1_5280



11A_Ant1_5320

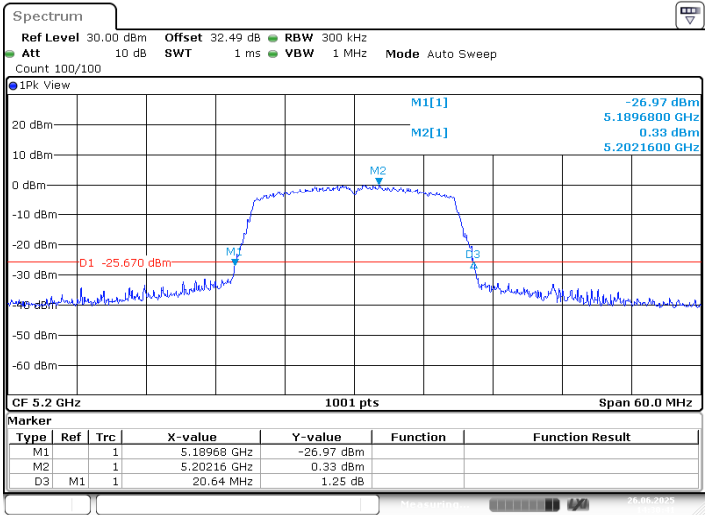


11AC20SISO_Ant1_5180



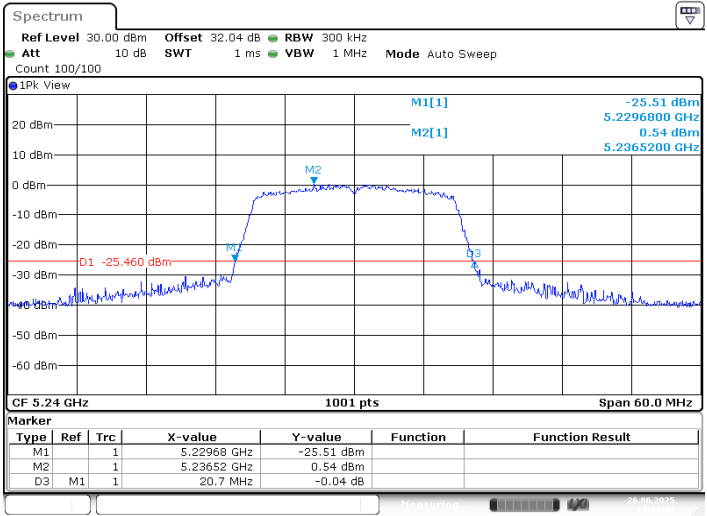
ProjectNo.:2501S51531E-RF Tester:Navillite.Cai
Date: 26.JUN.2025 14:27:41

11AC20SISO_Ant1_5200

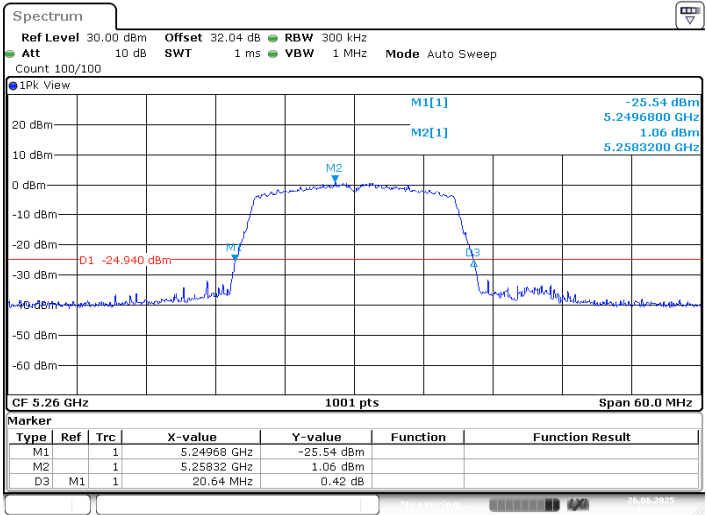


ProjectNo.:2501S51531E-RF Tester:Navillite.Cai
Date: 26.JUN.2025 14:30:41

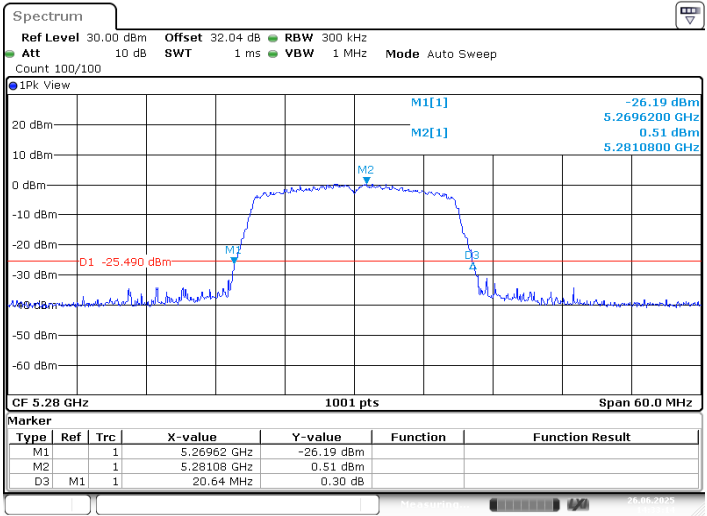
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260

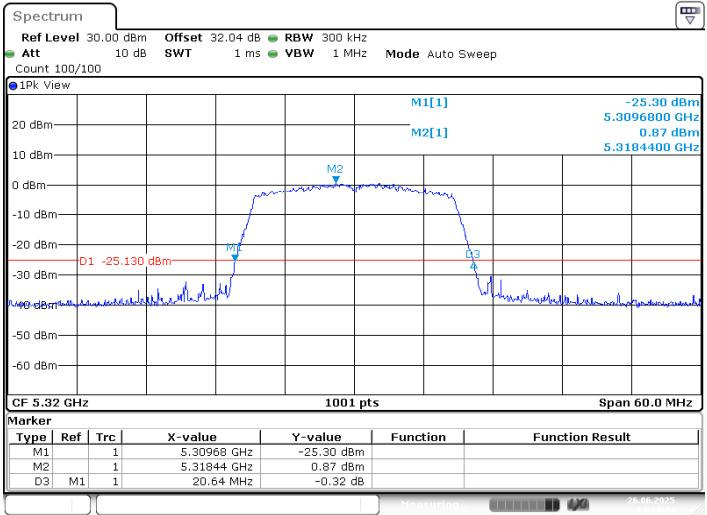


11AC20SISO_Ant1_5280



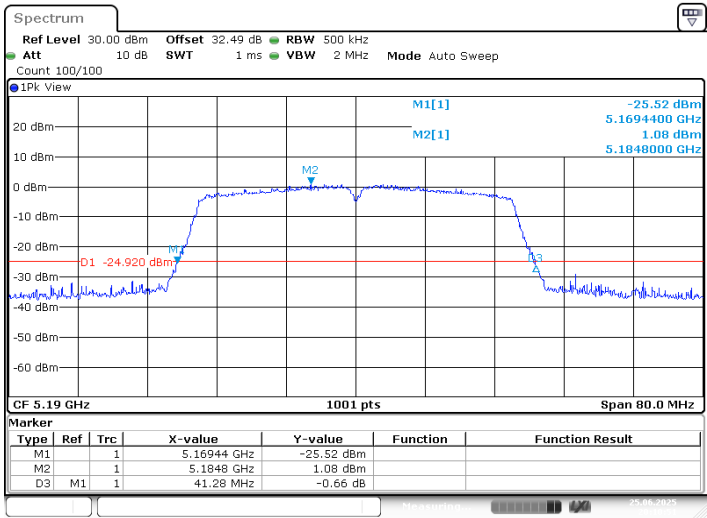
ProjectNo.:2501S51531E-RF Tester:Navillite.Cai
Date: 26.JUN.2025 14:33:14

11AC20SISO_Ant1_5320



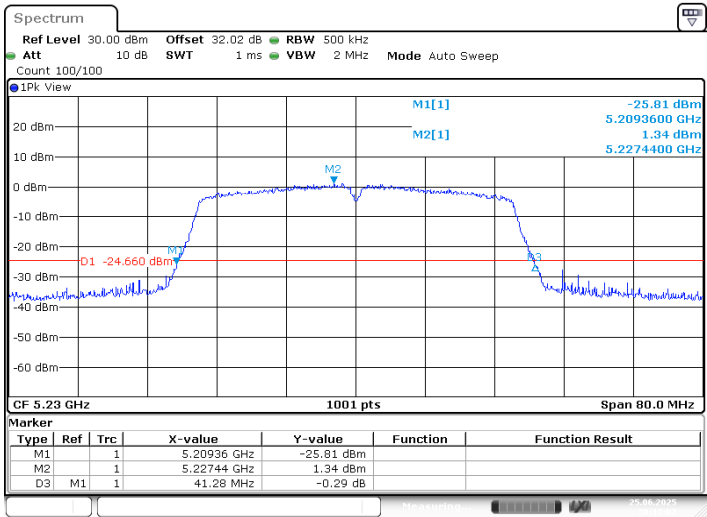
ProjectNo.:2501S51531E-RF Tester:Navillite.Cai
Date: 26.JUN.2025 14:34:24

11AC40SISO_Ant1_5190



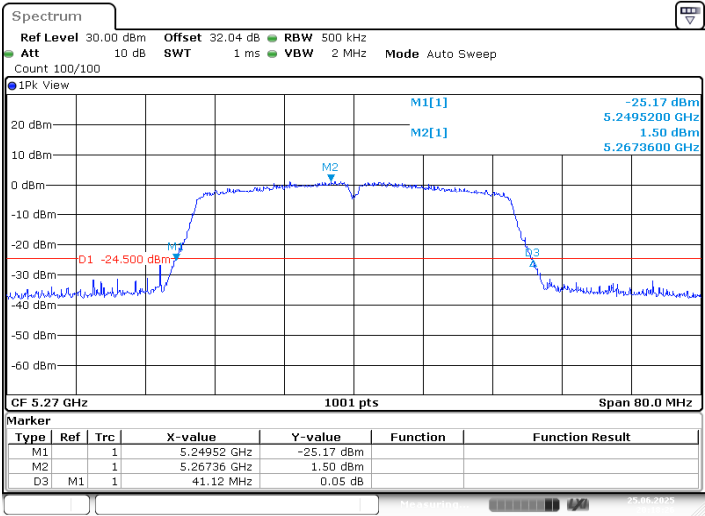
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 25.JUN.2025 20:10:51

11AC40SISO_Ant1_5230

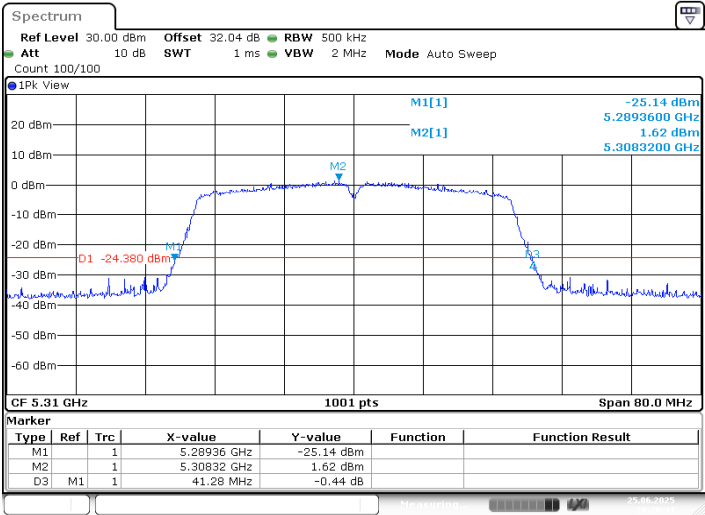


ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 25.JUN.2025 20:17:08

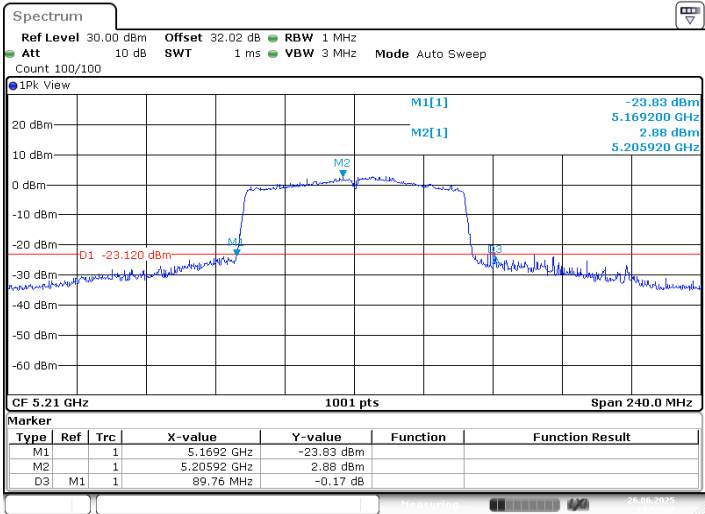
11AC40SISO_Ant1_5270



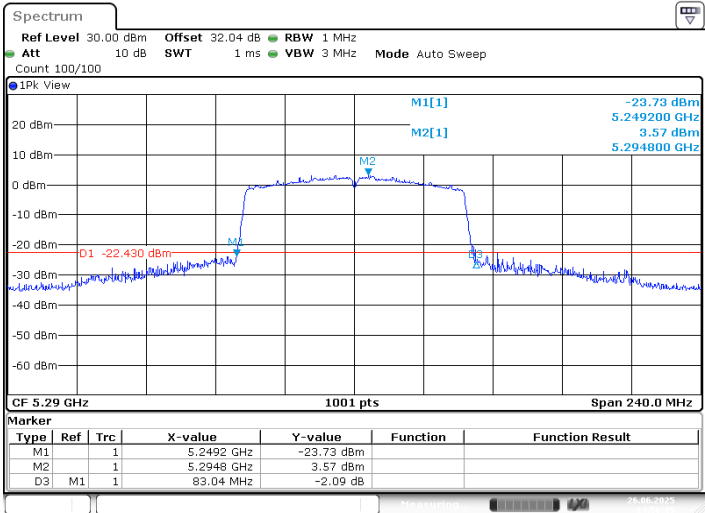
11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290

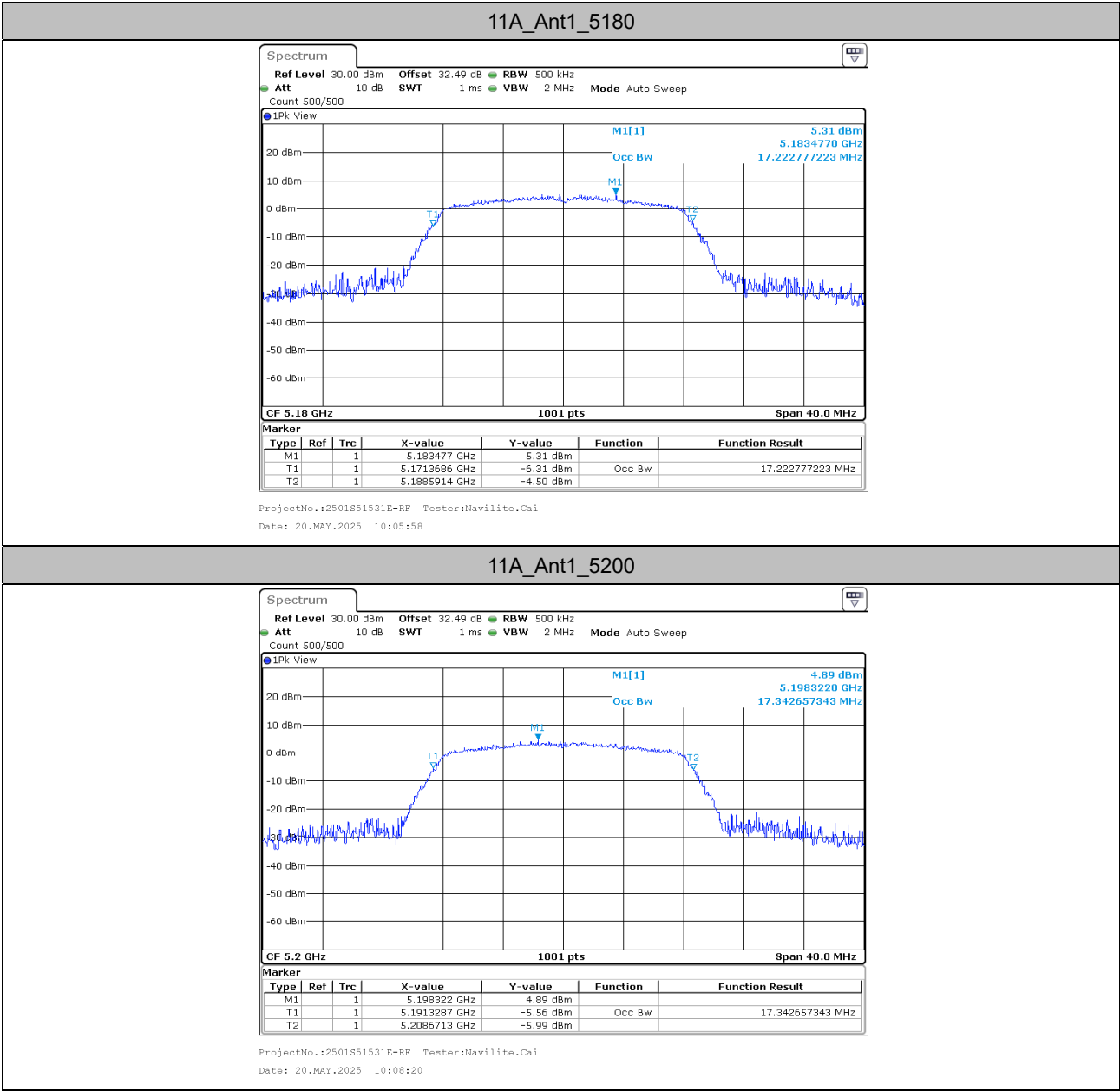


Occupied channel bandwidth

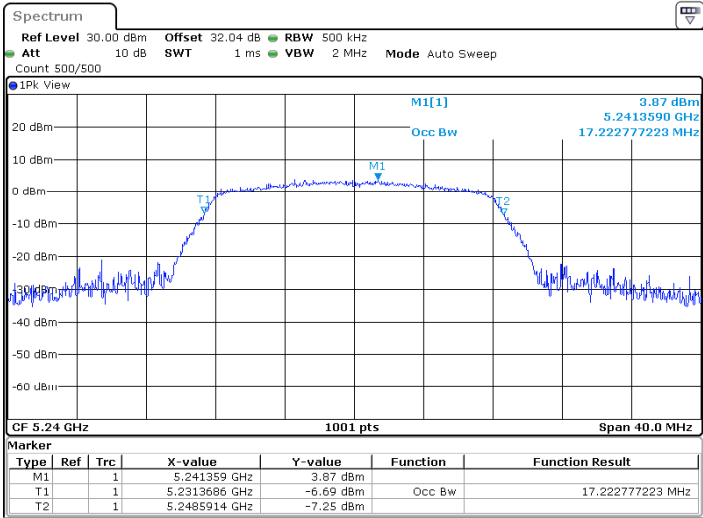
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.223	5171.3686	5188.5914
		5200	17.343	5191.3287	5208.6713
		5240	17.223	5231.3686	5248.5914
		5260	17.263	5251.4086	5268.6713
		5280	17.263	5271.3686	5288.6314
		5320	17.263	5311.3686	5328.6314
		5745	17.383	5736.2887	5753.6713
		5785	17.303	5776.3287	5793.6314
		5825	17.303	5816.3287	5833.6314
11AC20SISO	Ant1	5180	18.102	5170.9690	5189.0709
		5200	18.062	5190.9690	5209.0310
		5240	18.142	5230.9291	5249.0709
		5260	18.142	5250.9291	5269.0709
		5280	18.102	5270.9291	5289.0310
		5320	18.102	5310.9291	5329.0310
		5745	18.142	5735.8891	5754.0310
		5785	18.102	5775.9291	5794.0310
		5825	18.062	5815.9690	5834.0310
11AC40SISO	Ant1	5190	36.603	5171.6983	5208.3017
		5230	36.523	5211.7782	5248.3017
		5270	36.364	5251.8581	5288.2218
		5310	36.364	5291.7782	5328.1419
		5755	36.603	5736.6983	5773.3017
		5795	36.683	5776.6184	5813.3017
11AC80SISO	Ant1	5210	75.604	5172.2777	5247.8821
		5290	75.285	5252.4376	5327.7223
		5775	75.604	5737.1179	5812.7223
Note: For W52 and W58 band, no transmitted signal in the 99% bandwidth extends into the U-NII-2A band and U-NII-2C band.					

Test Graphs

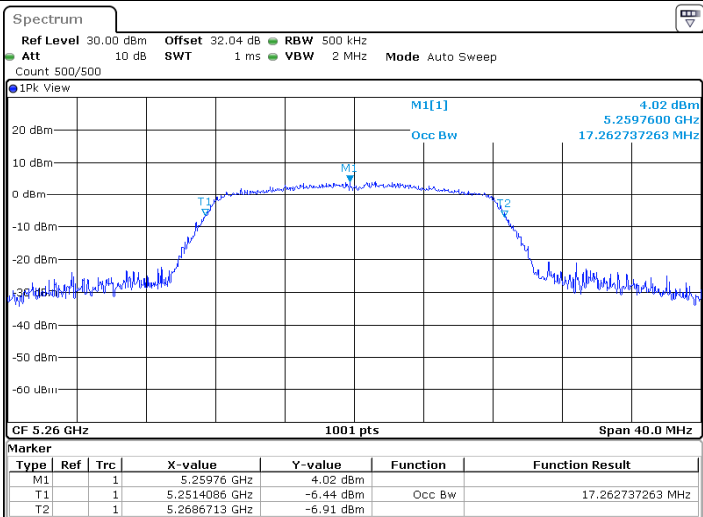


11A_Ant1_5240



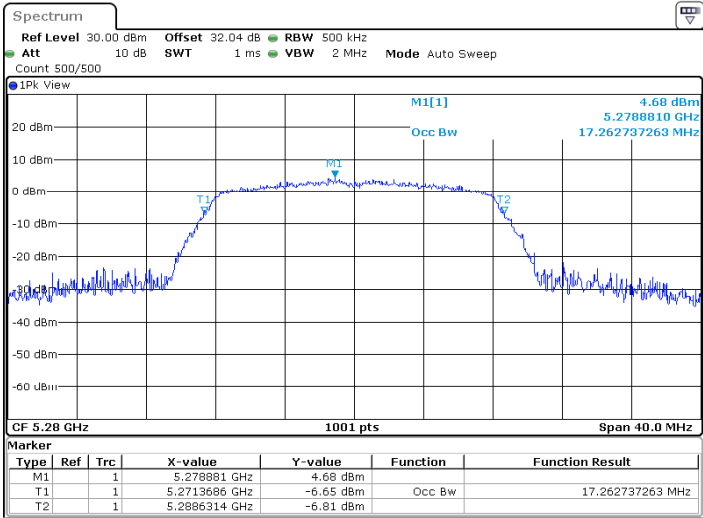
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:11:05

11A_Ant1_5260



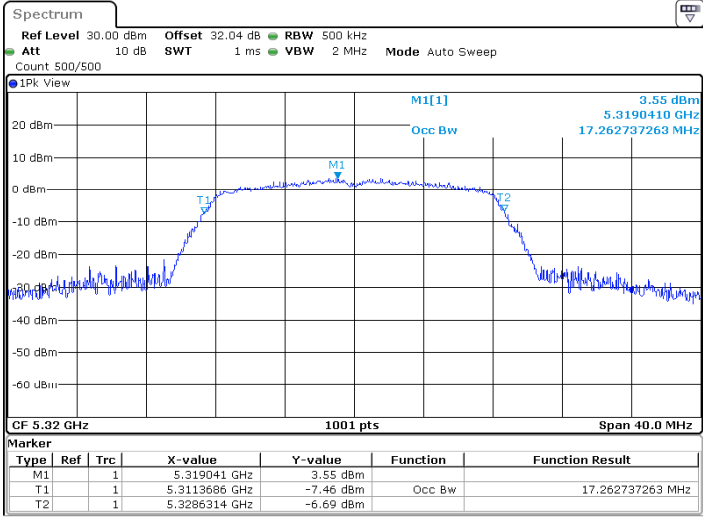
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:16:32

11A_Ant1_5280



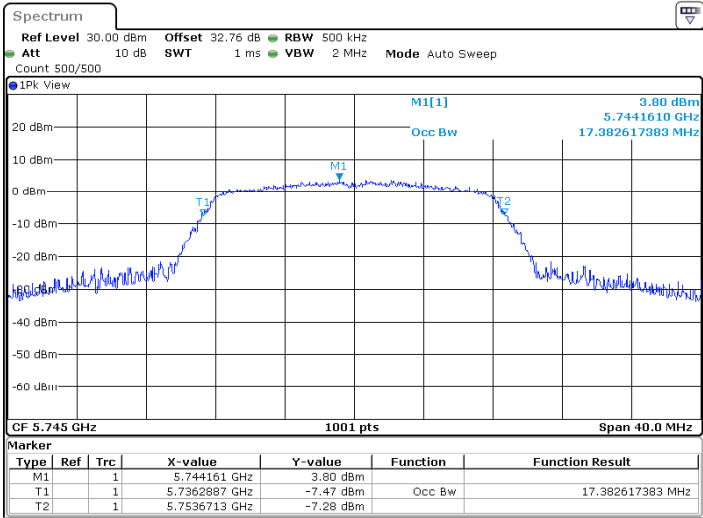
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:19:45

11A_Ant1_5320



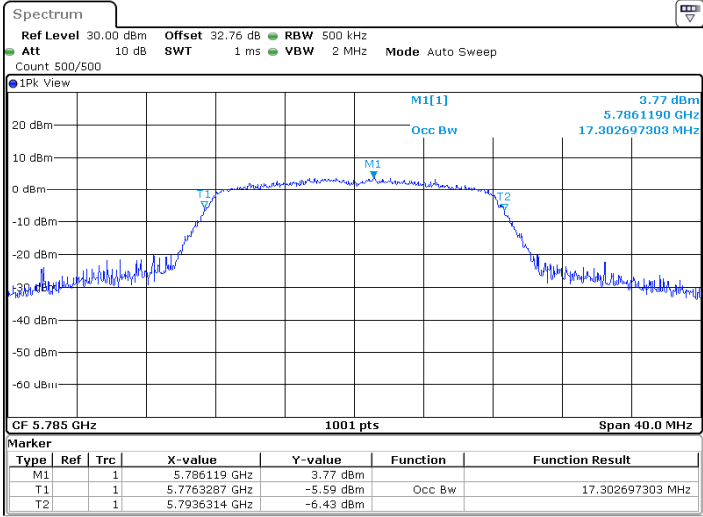
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:21:32

11A_Ant1_5745



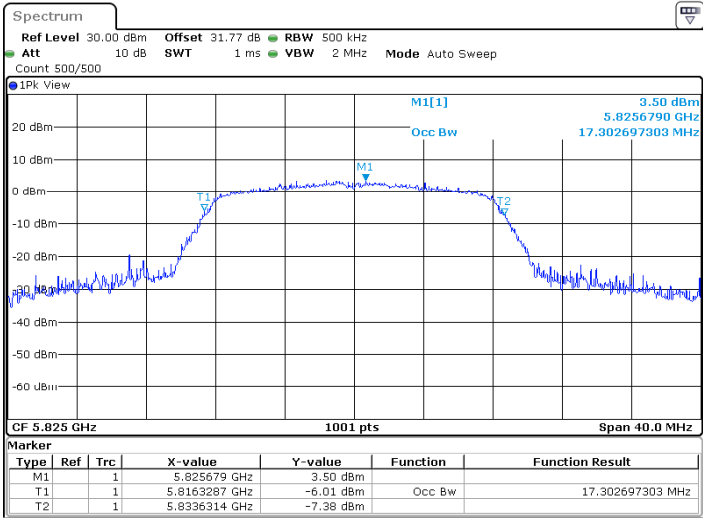
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:23:11

11A_Ant1_5785



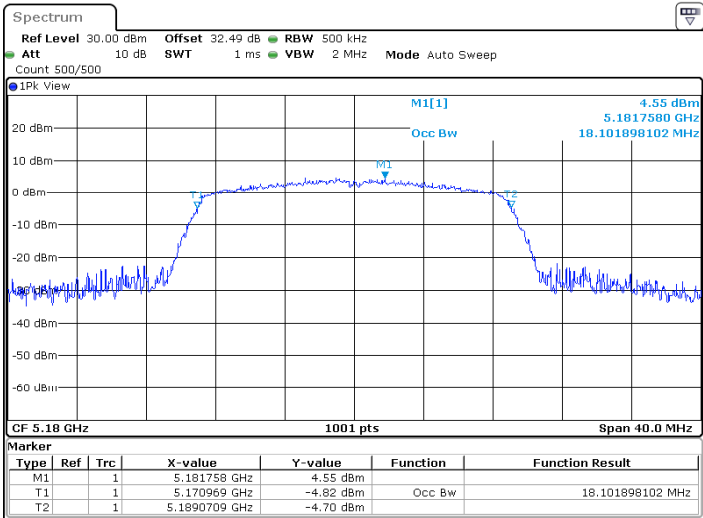
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:24:51

11A_Ant1_5825



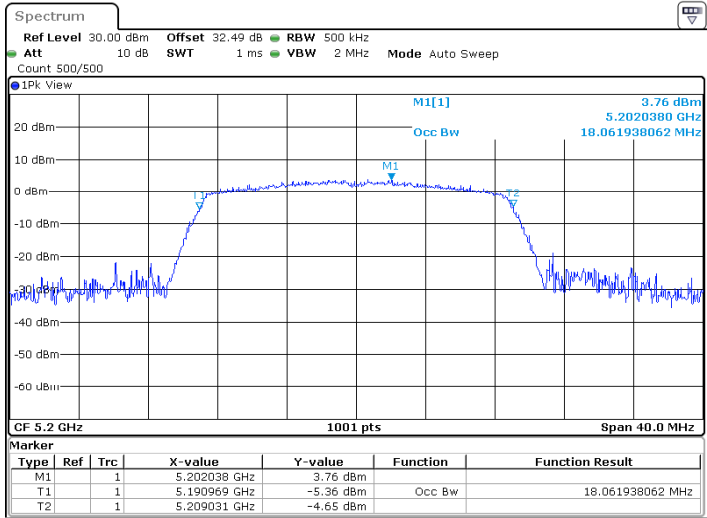
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:27:03

11AC20SISO_Ant1_5180



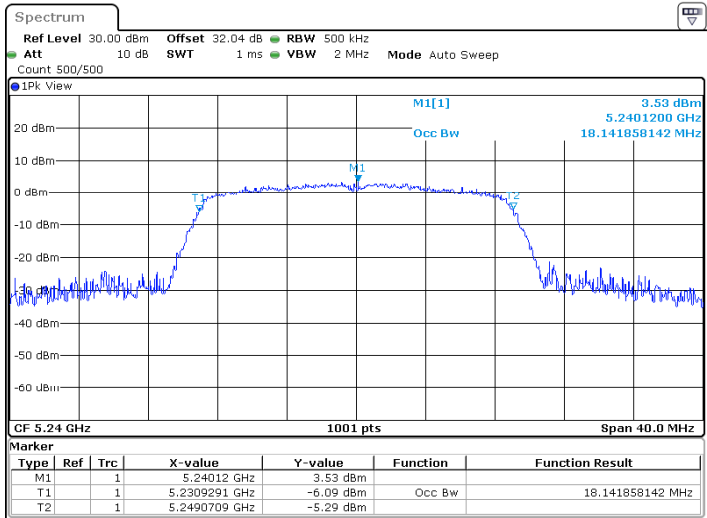
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:29:18

11AC20SISO_Ant1_5200



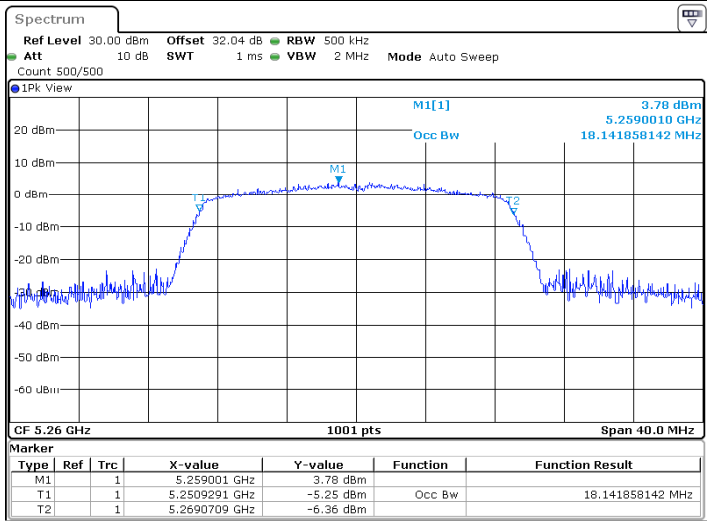
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:30:44

11AC20SISO_Ant1_5240



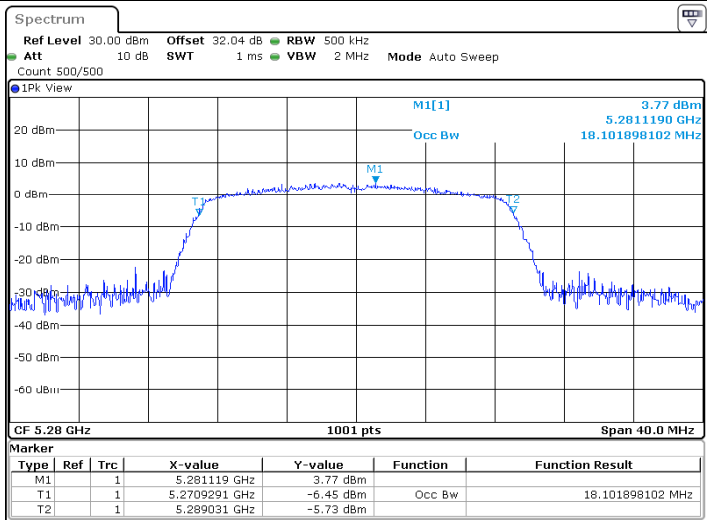
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:34:22

11AC20SISO_Ant1_5260



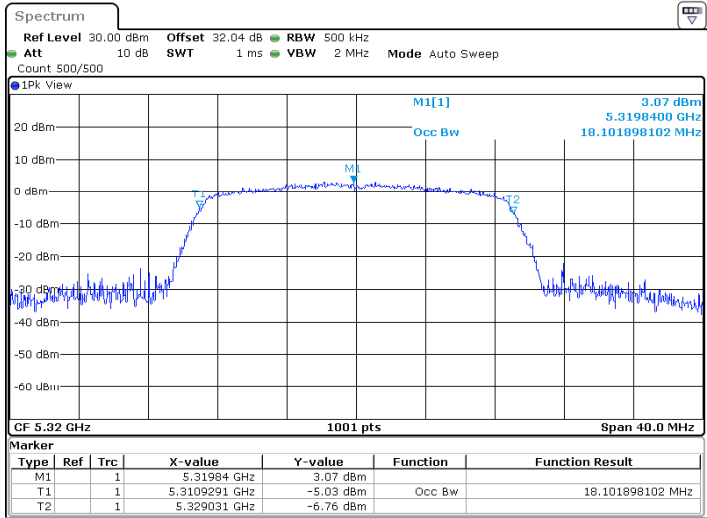
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:36:05

11AC20SISO_Ant1_5280



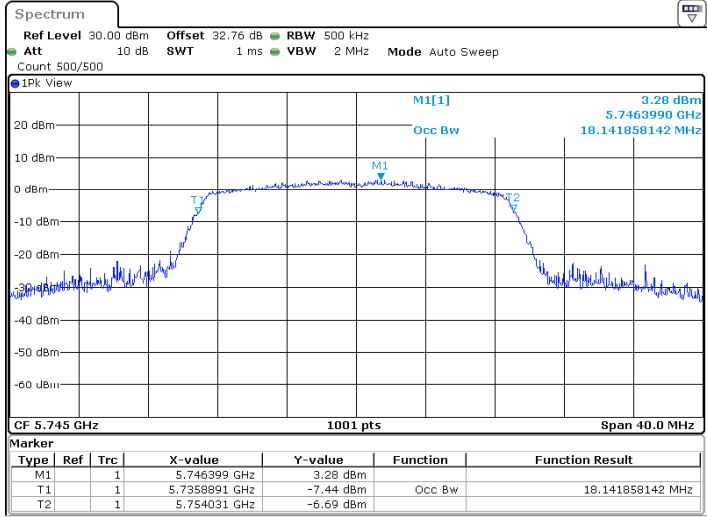
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:40:44

11AC20SISO_Ant1_5320



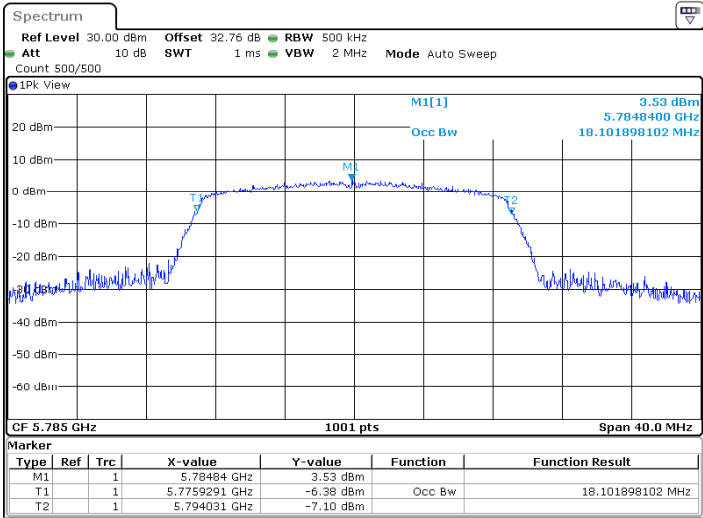
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:42:01

11AC20SISO_Ant1_5745



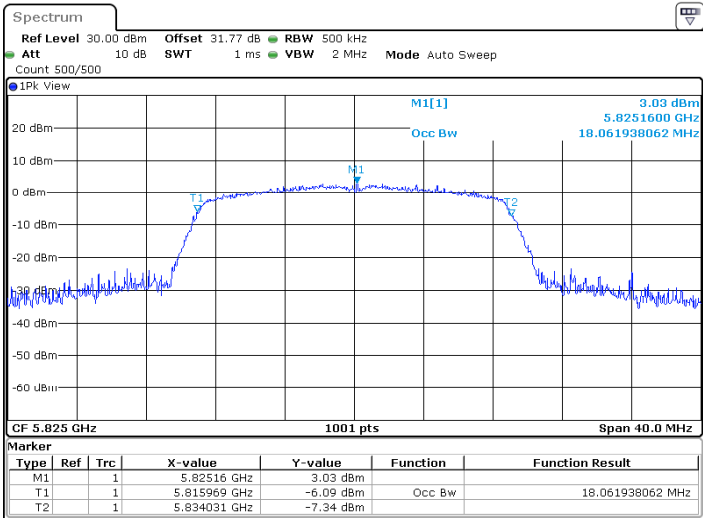
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:43:59

11AC20SISO_Ant1_5785



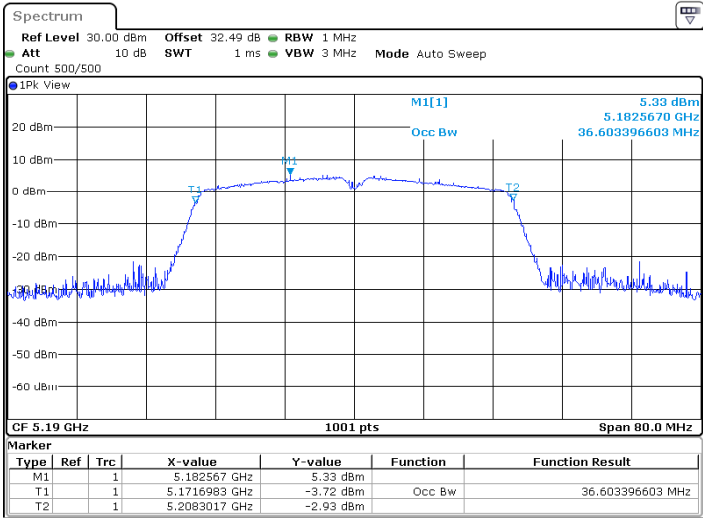
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:45:28

11AC20SISO_Ant1_5825



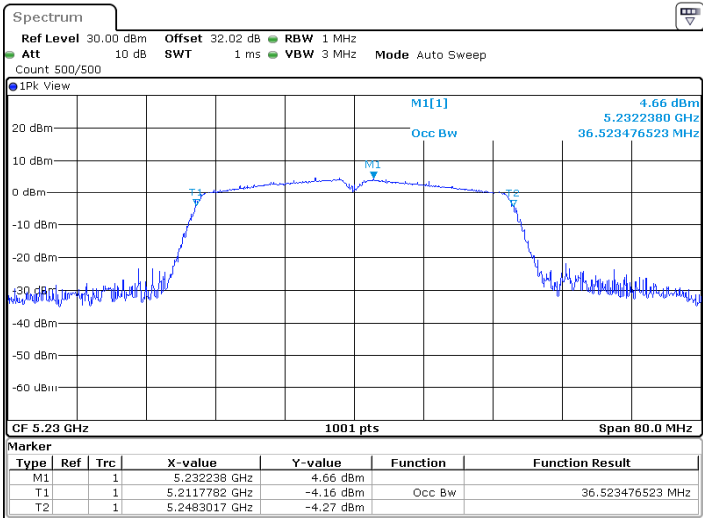
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:47:42

11AC40SISO_Ant1_5190



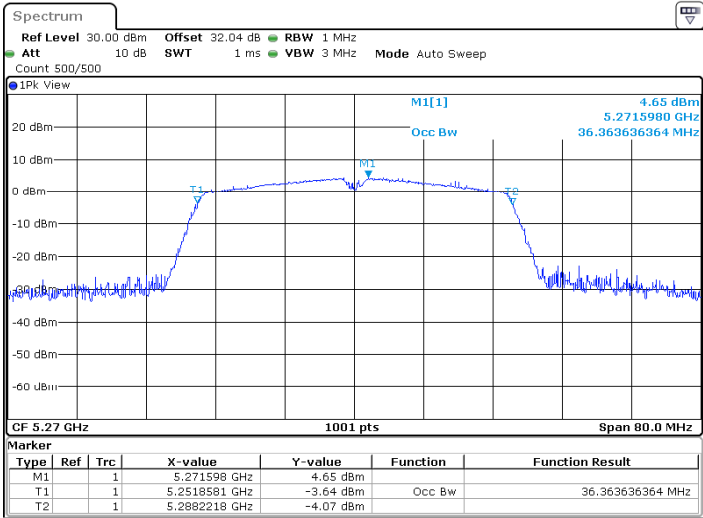
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:49:13

11AC40SISO_Ant1_5230



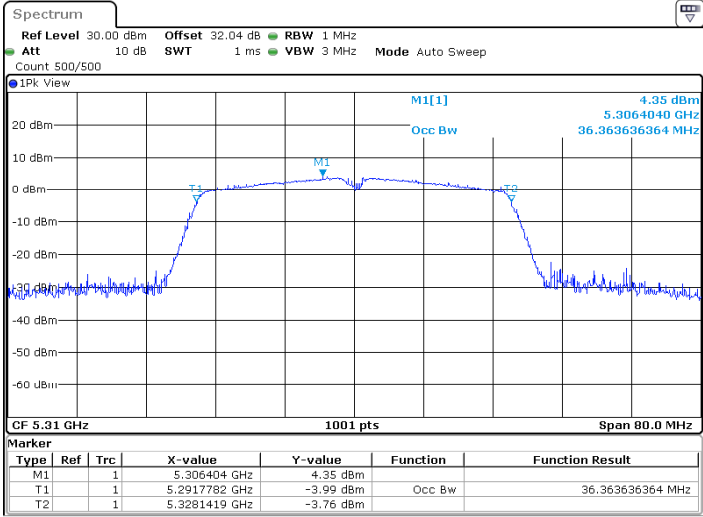
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:51:46

11AC40SISO_Ant1_5270



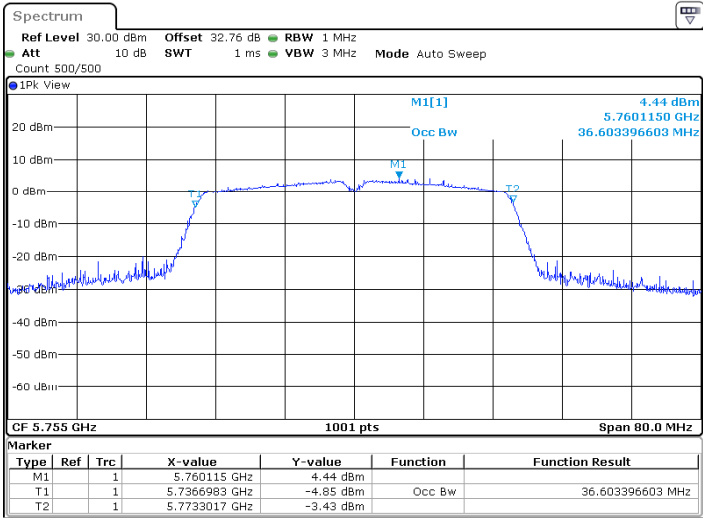
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:53:03

11AC40SISO_Ant1_5310



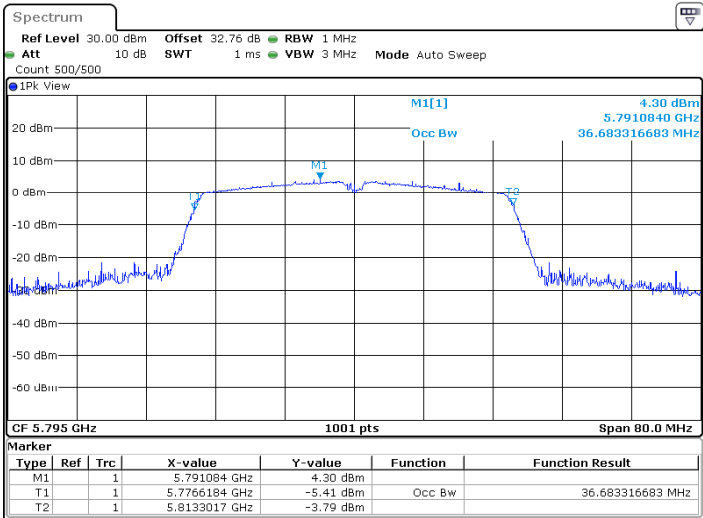
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:54:52

11AC40SISO_Ant1_5755



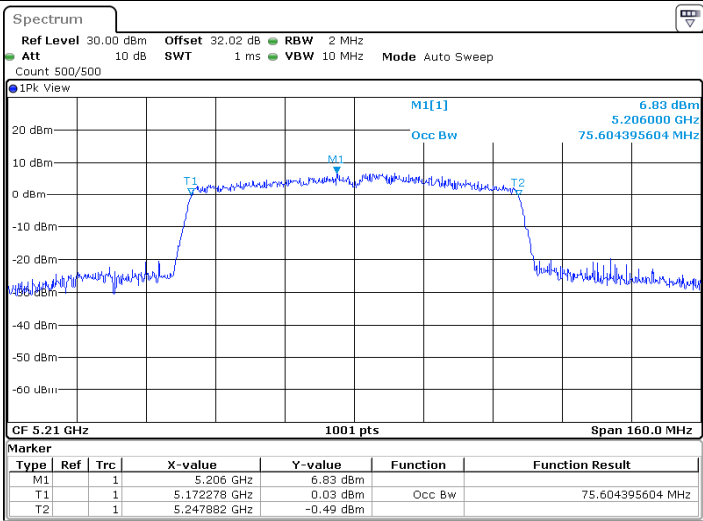
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:56:18

11AC40SISO_Ant1_5795



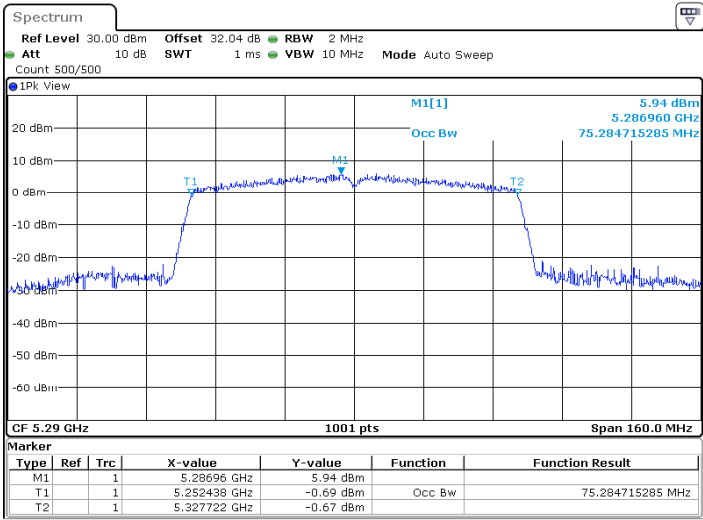
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 11:01:29

11AC80SISO_Ant1_5210

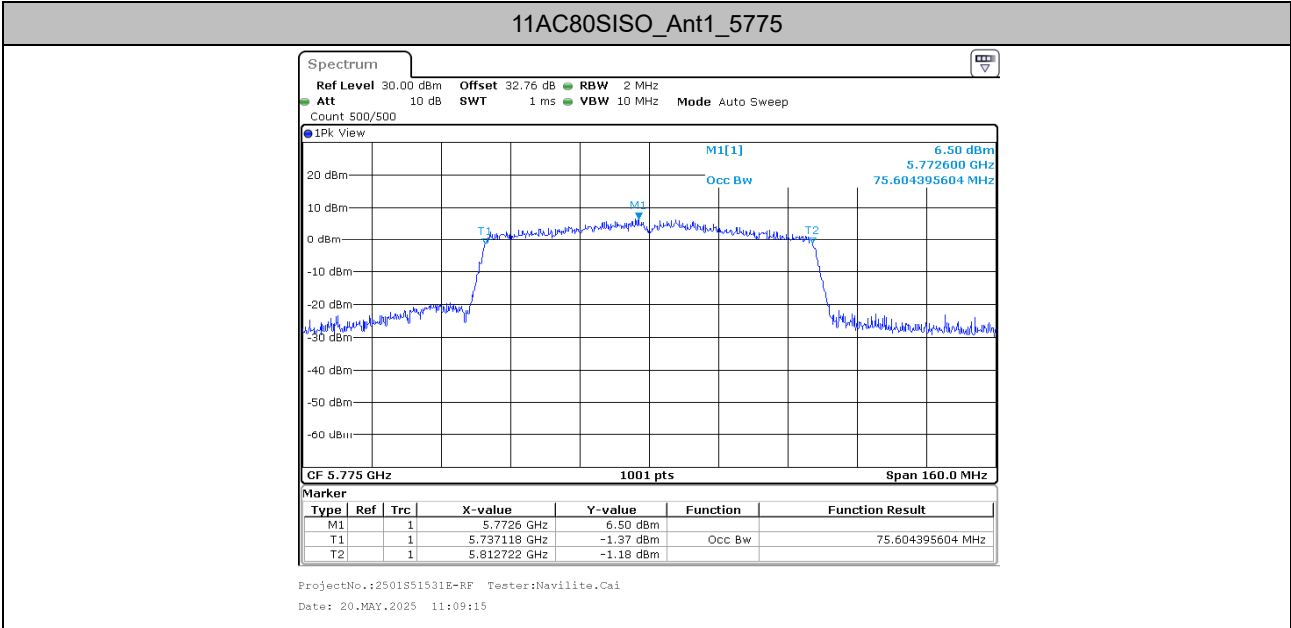


ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 11:04:32

11AC80SISO_Ant1_5290



ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 11:05:57

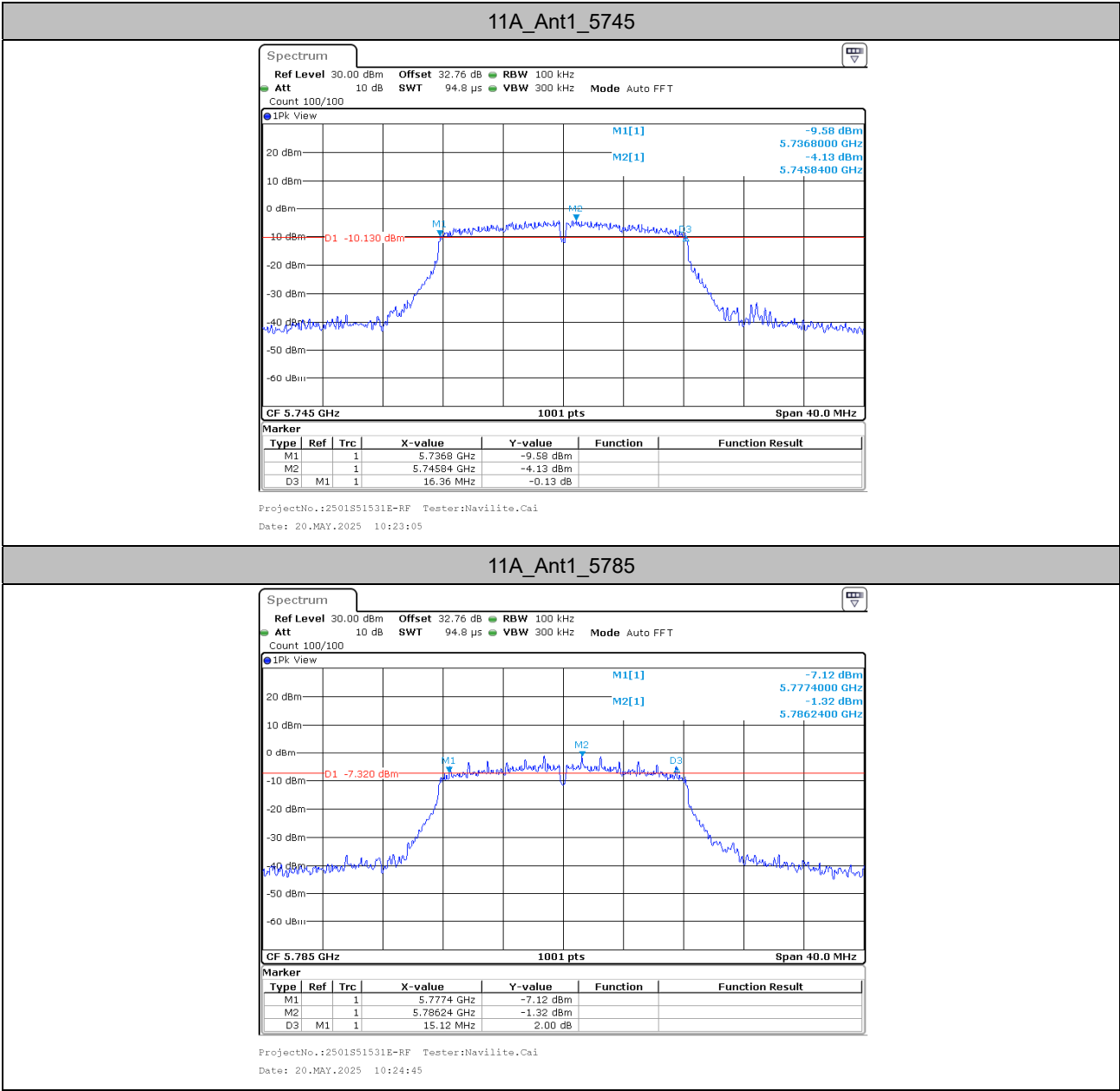


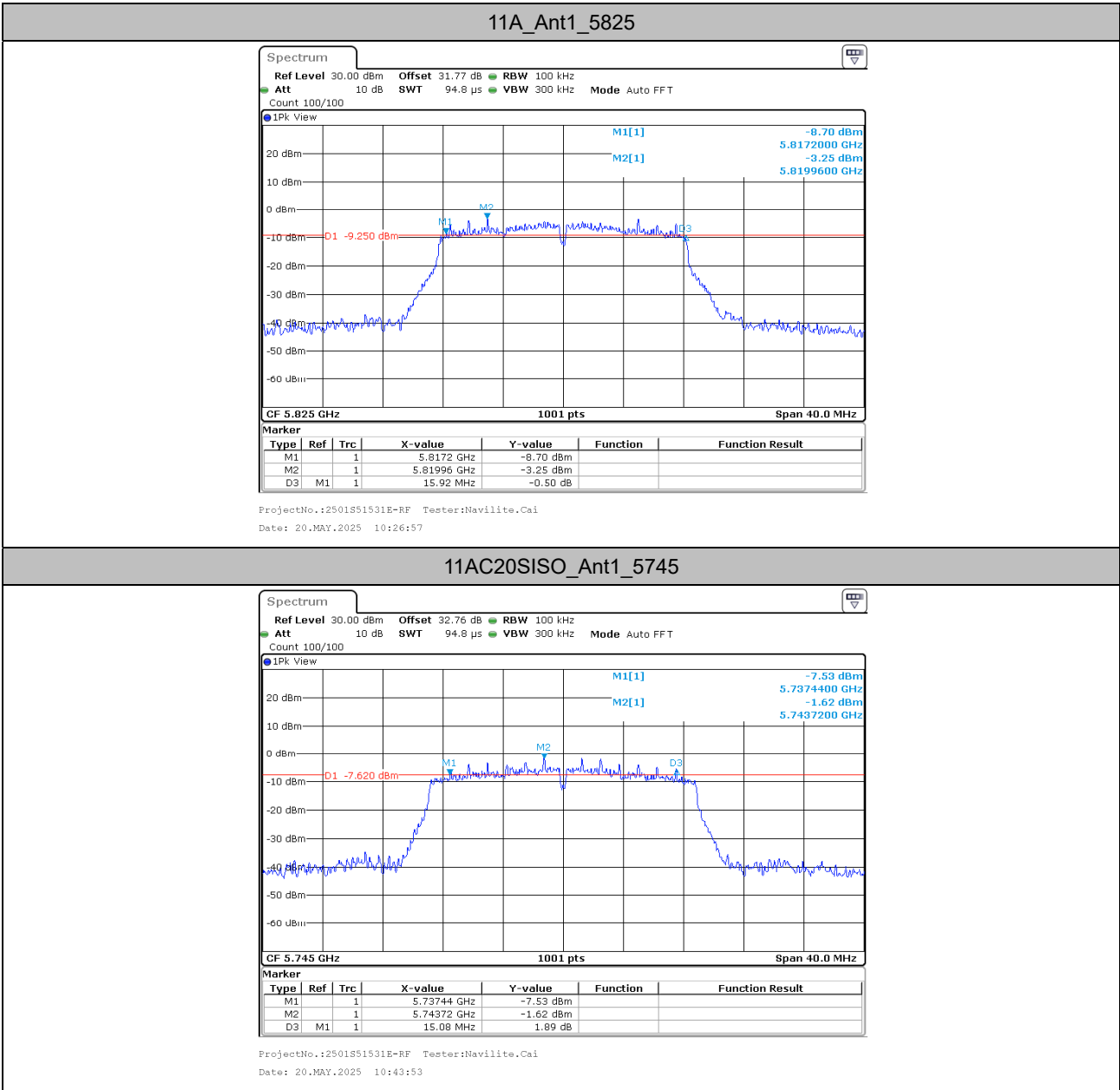
Min emission bandwidth

Test Result B4

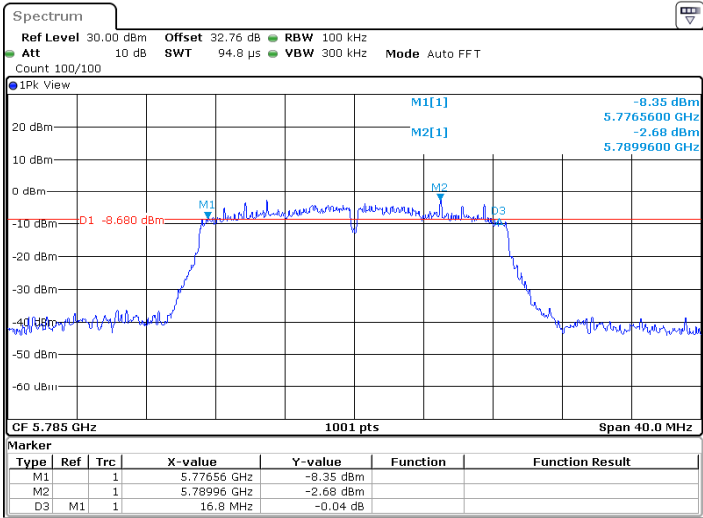
Test Mode	Antenna	Frequency[MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.80	5753.16	0.5	PASS
		5785	15.12	5777.40	5792.52	0.5	PASS
		5825	15.92	5817.20	5833.12	0.5	PASS
11AC20SISO	Ant1	5745	15.08	5737.44	5752.52	0.5	PASS
		5785	16.80	5776.56	5793.36	0.5	PASS
		5825	15.08	5817.44	5832.52	0.5	PASS
11AC40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
		5795	35.12	5777.48	5812.60	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS

Test Graphs B4



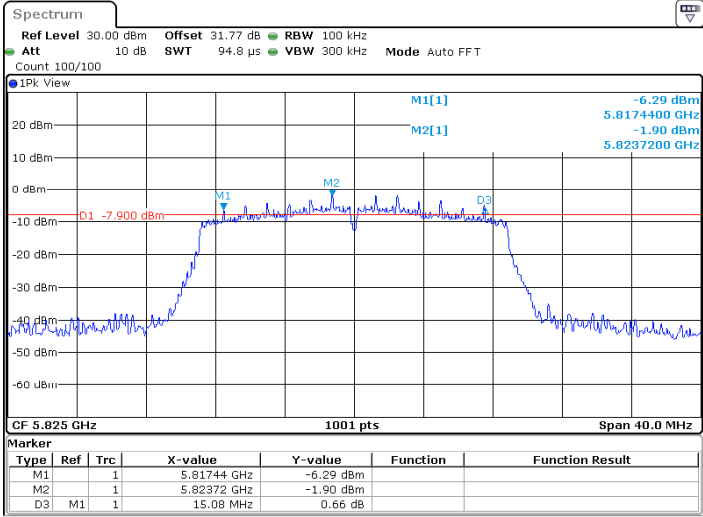


11AC20SISO_Ant1_5785



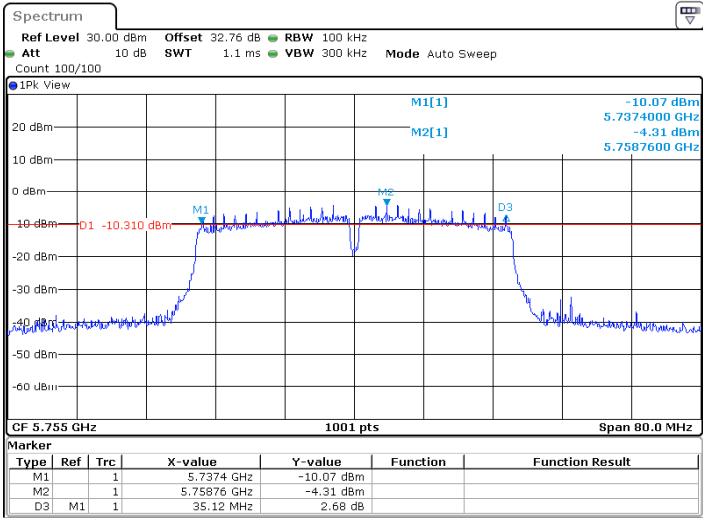
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:45:22

11AC20SISO_Ant1_5825



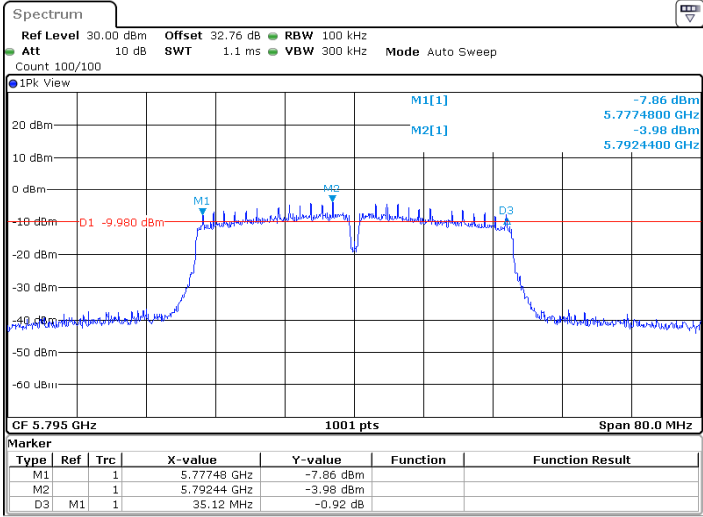
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:47:36

11AC40SISO_Ant1_5755

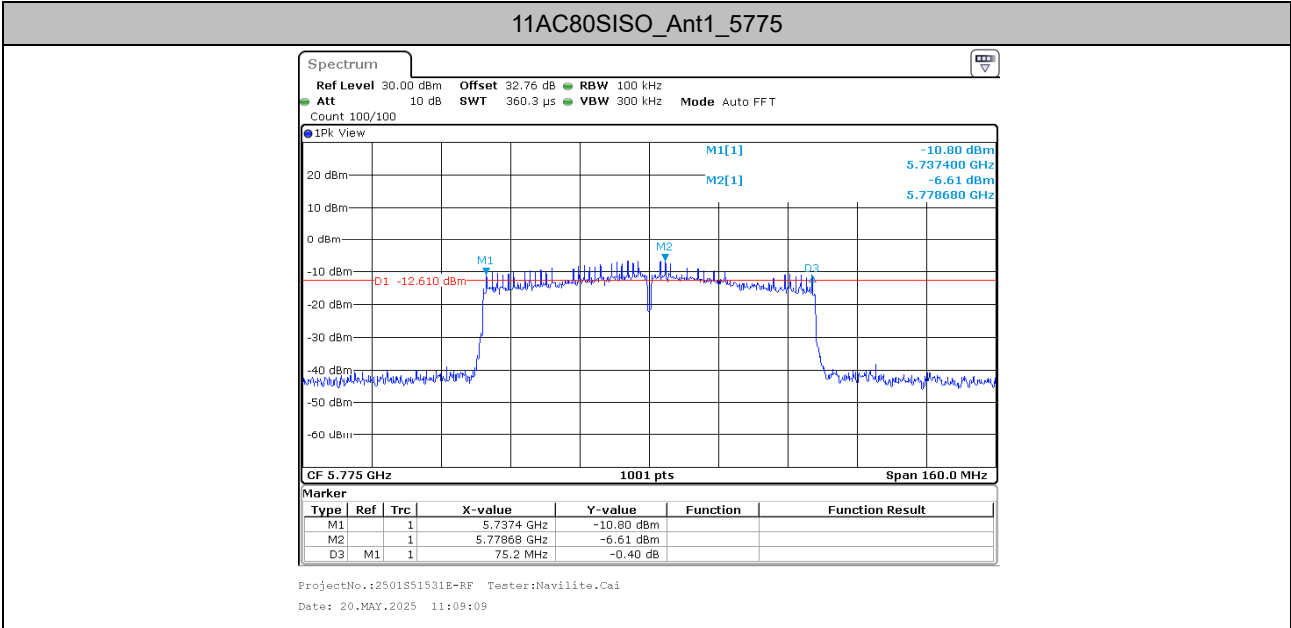


ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:56:12

11AC40SISO_Ant1_5795



ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 11:01:23

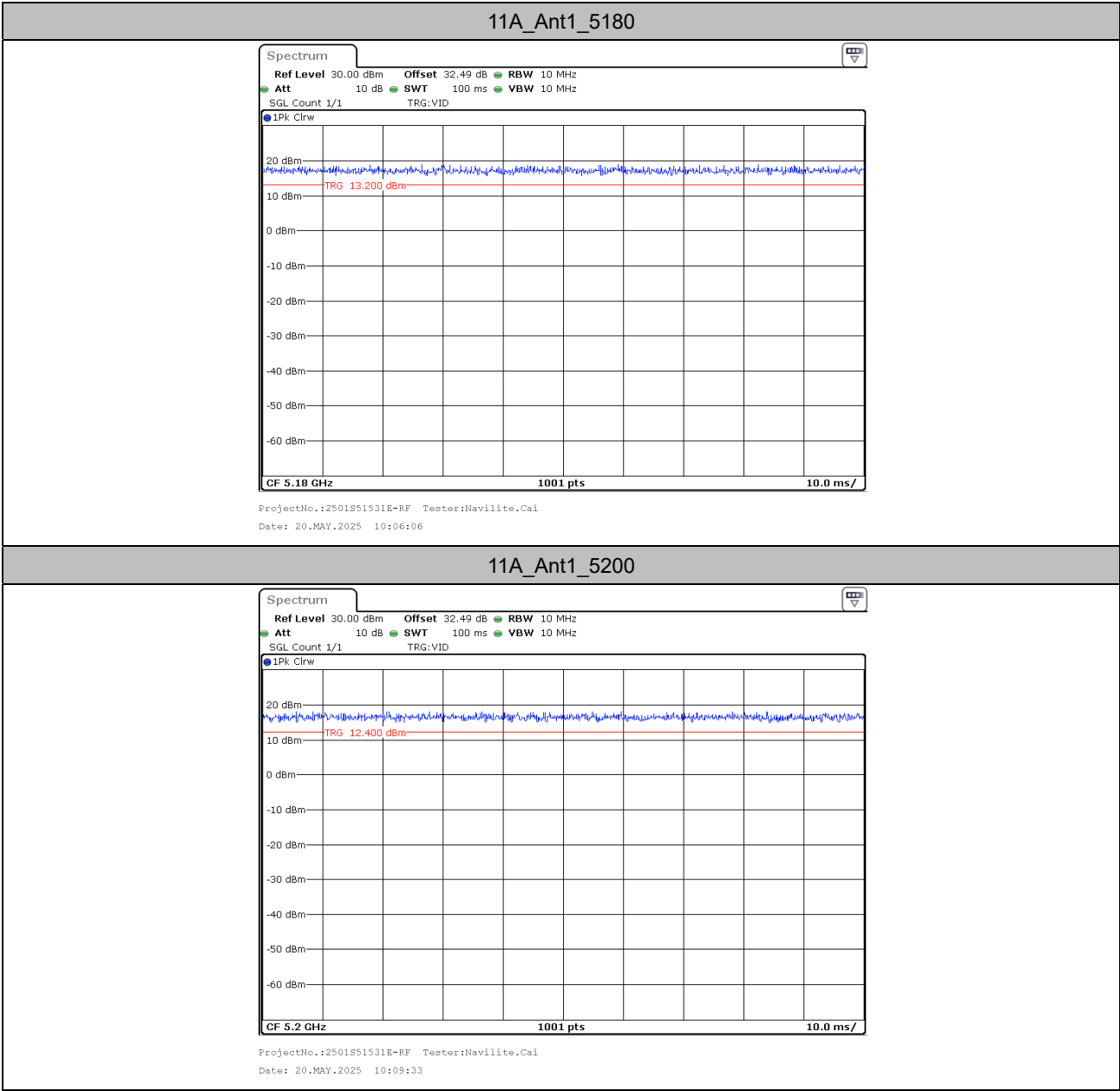


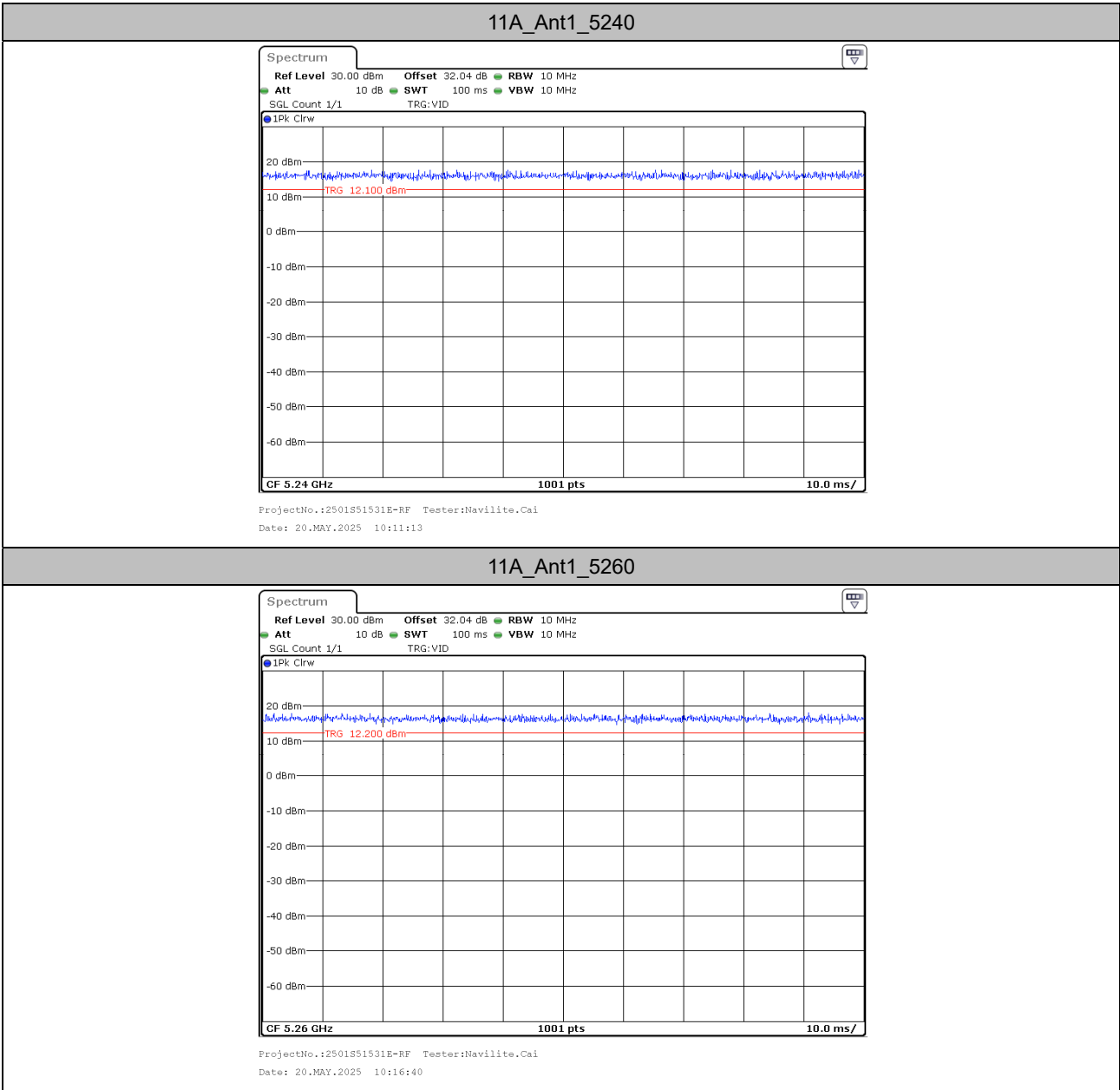
Duty Cycle

Test Result

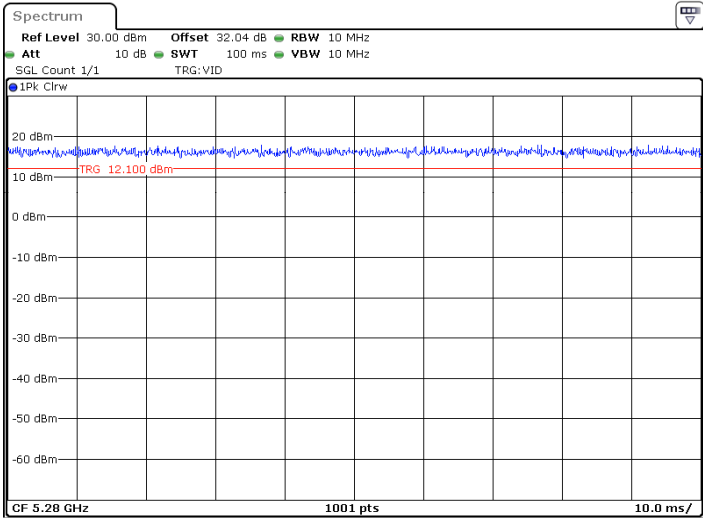
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	100.00	100.00	100.00
		5200	100.00	100.00	100.00
		5240	100.00	100.00	100.00
		5260	100.00	100.00	100.00
		5280	100.00	100.00	100.00
		5320	100.00	100.00	100.00
		5745	100.00	100.00	100.00
		5785	100.00	100.00	100.00
		5825	100.00	100.00	100.00
11AC20SISO	Ant1	5180	100.00	100.00	100.00
		5200	100.00	100.00	100.00
		5240	100.00	100.00	100.00
		5260	100.00	100.00	100.00
		5280	100.00	100.00	100.00
		5320	100.00	100.00	100.00
		5745	100.00	100.00	100.00
		5785	100.00	100.00	100.00
		5825	100.00	100.00	100.00
11AC40SISO	Ant1	5190	100.00	100.00	100.00
		5230	100.00	100.00	100.00
		5270	100.00	100.00	100.00
		5310	100.00	100.00	100.00
		5755	100.00	100.00	100.00
		5795	100.00	100.00	100.00
11AC80SISO	Ant1	5210	100.00	100.00	100.00
		5290	100.00	100.00	100.00
		5775	100.00	100.00	100.00

Test Graphs



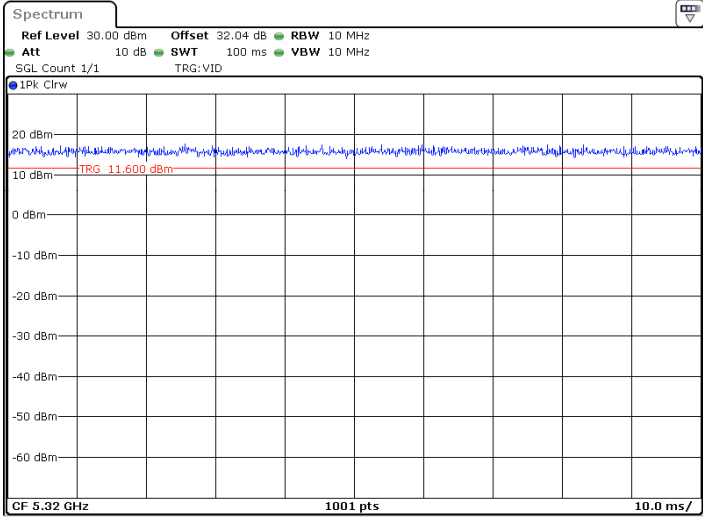


11A_Ant1_5280



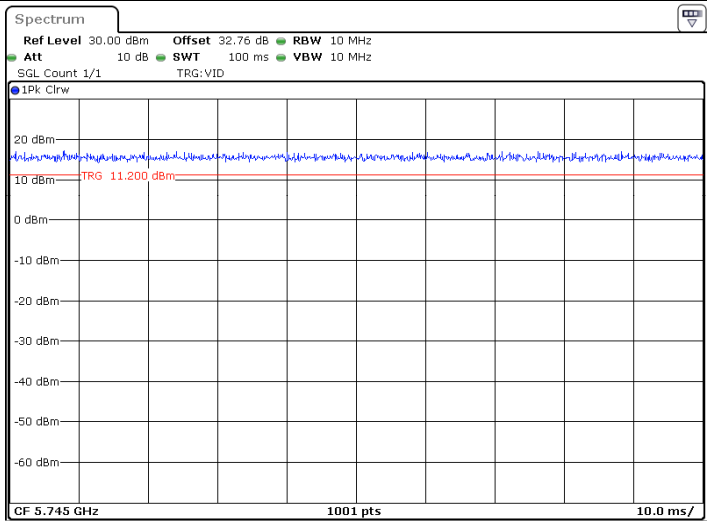
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:19:52

11A_Ant1_5320



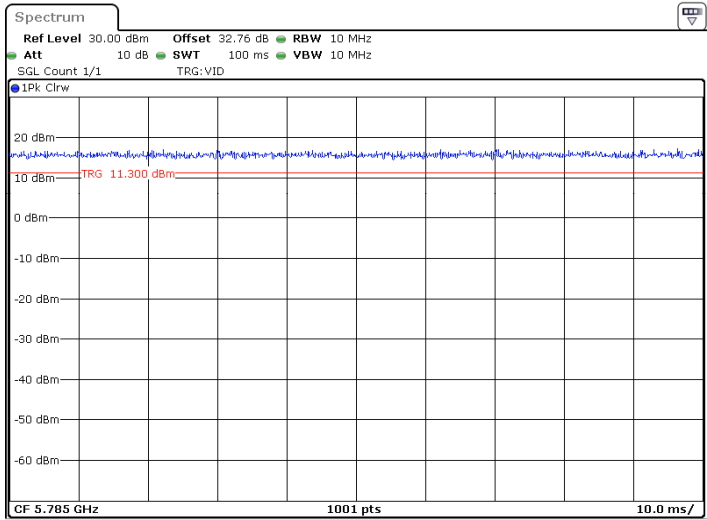
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:21:40

11A_Ant1_5745

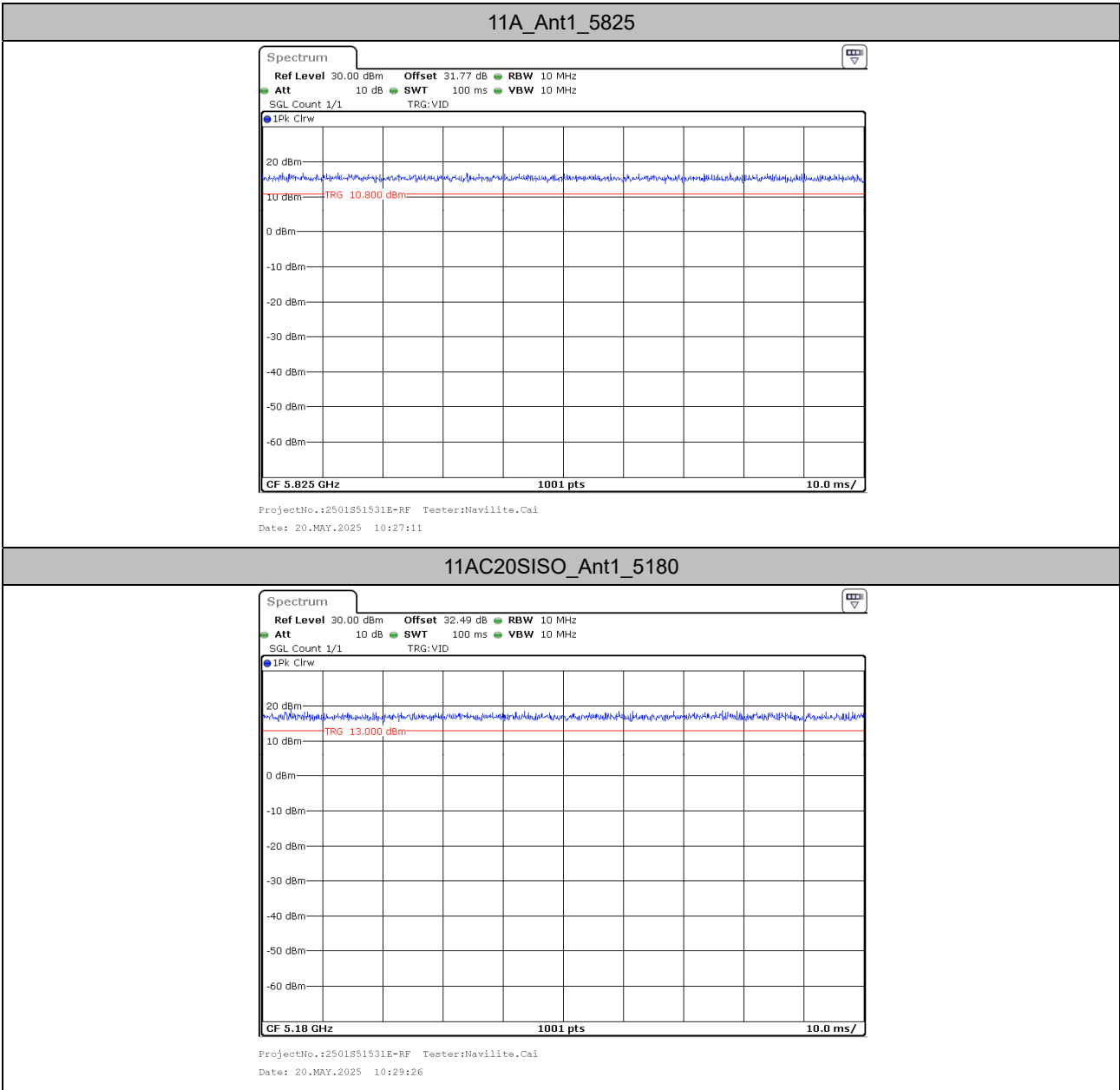


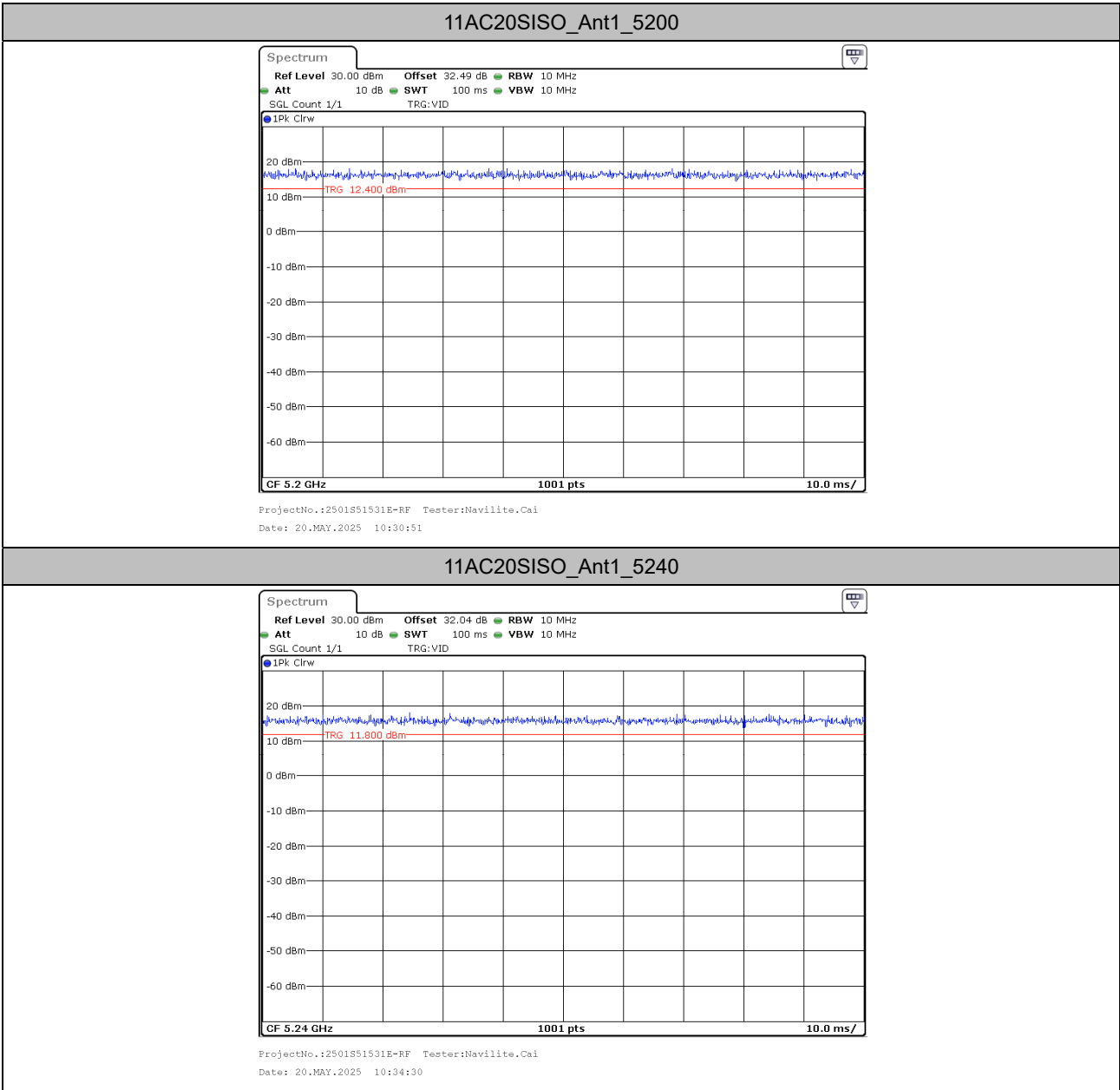
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:23:19

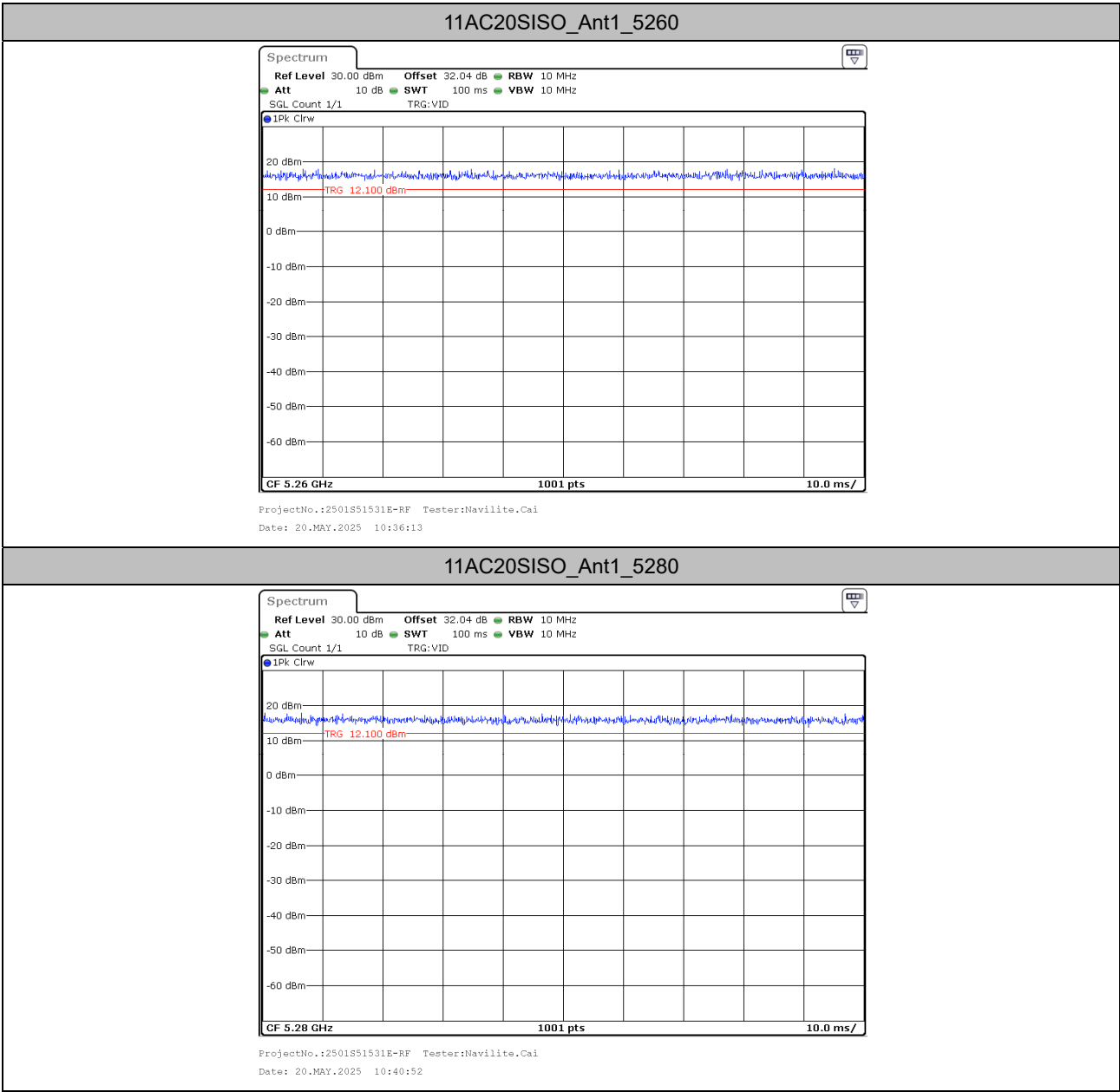
11A_Ant1_5785

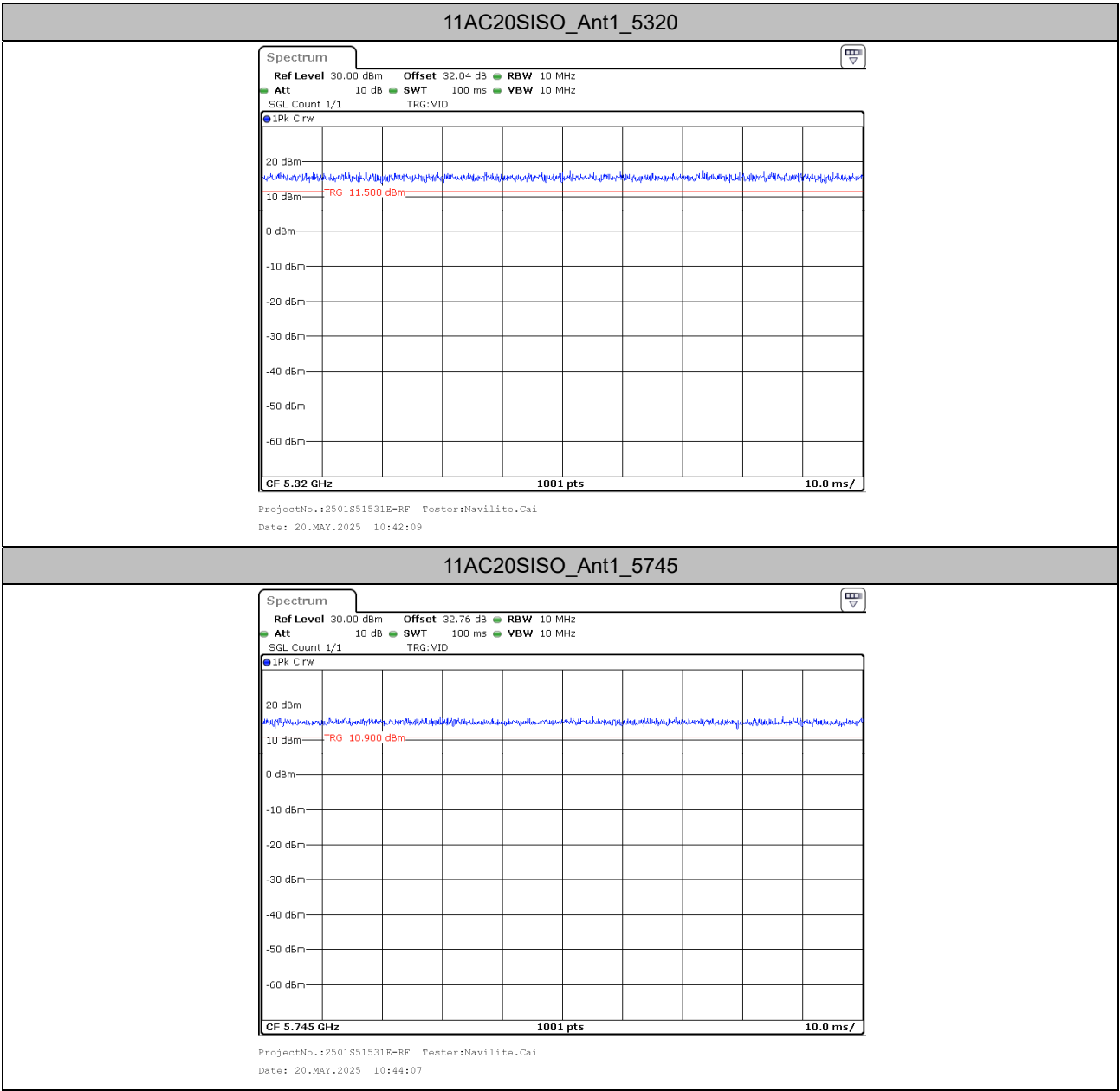


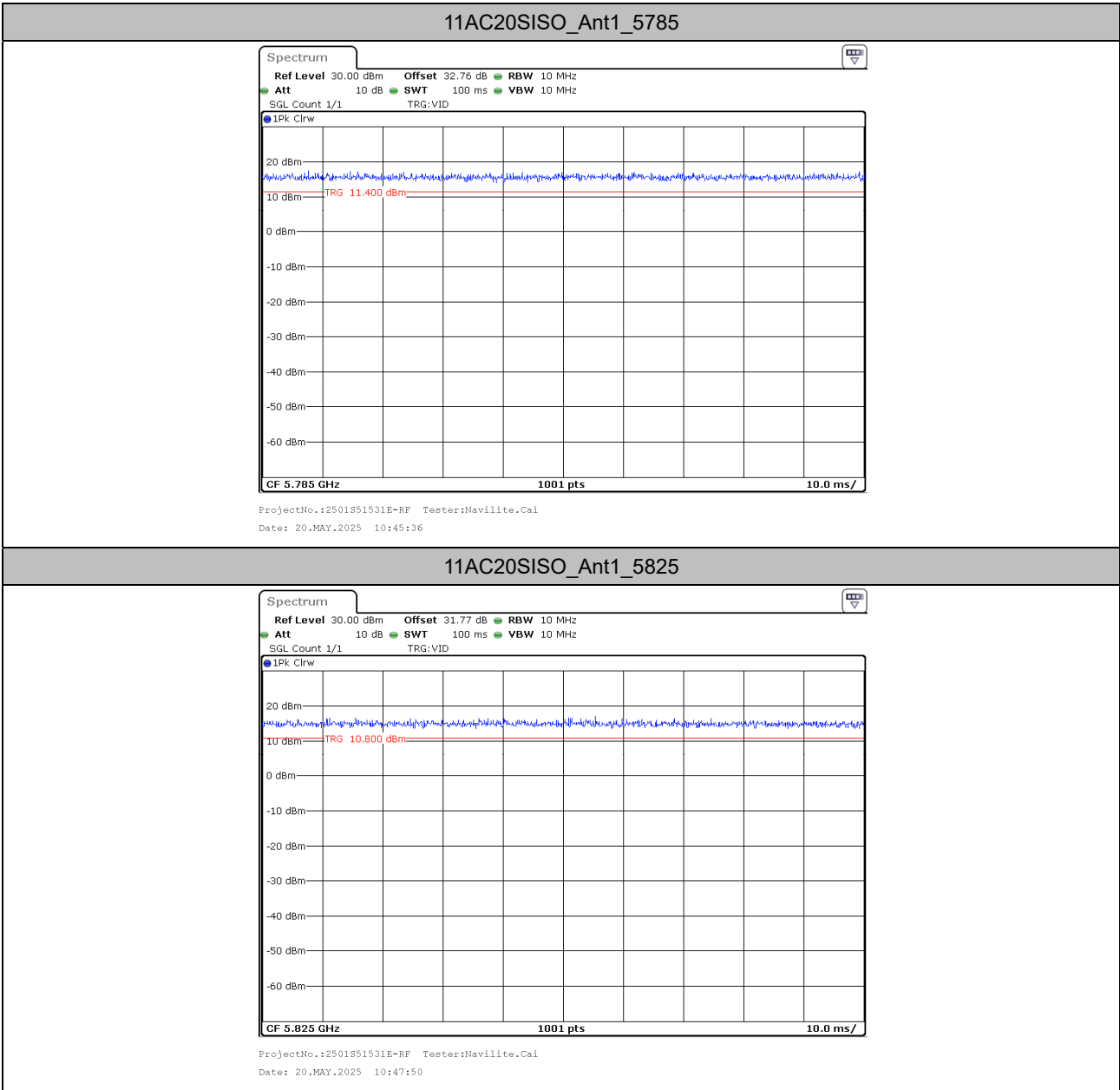
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:25:00



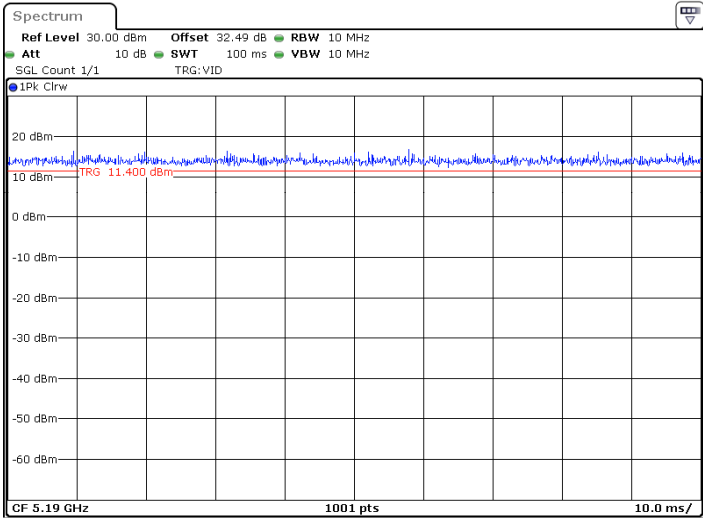






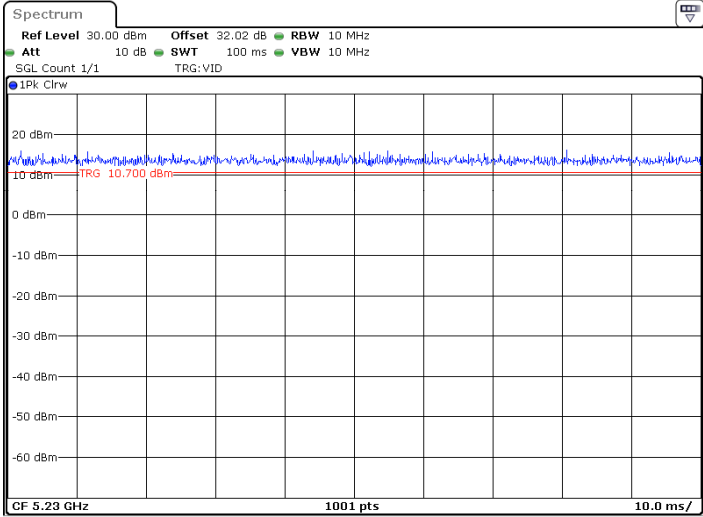


11AC40SISO_Ant1_5190

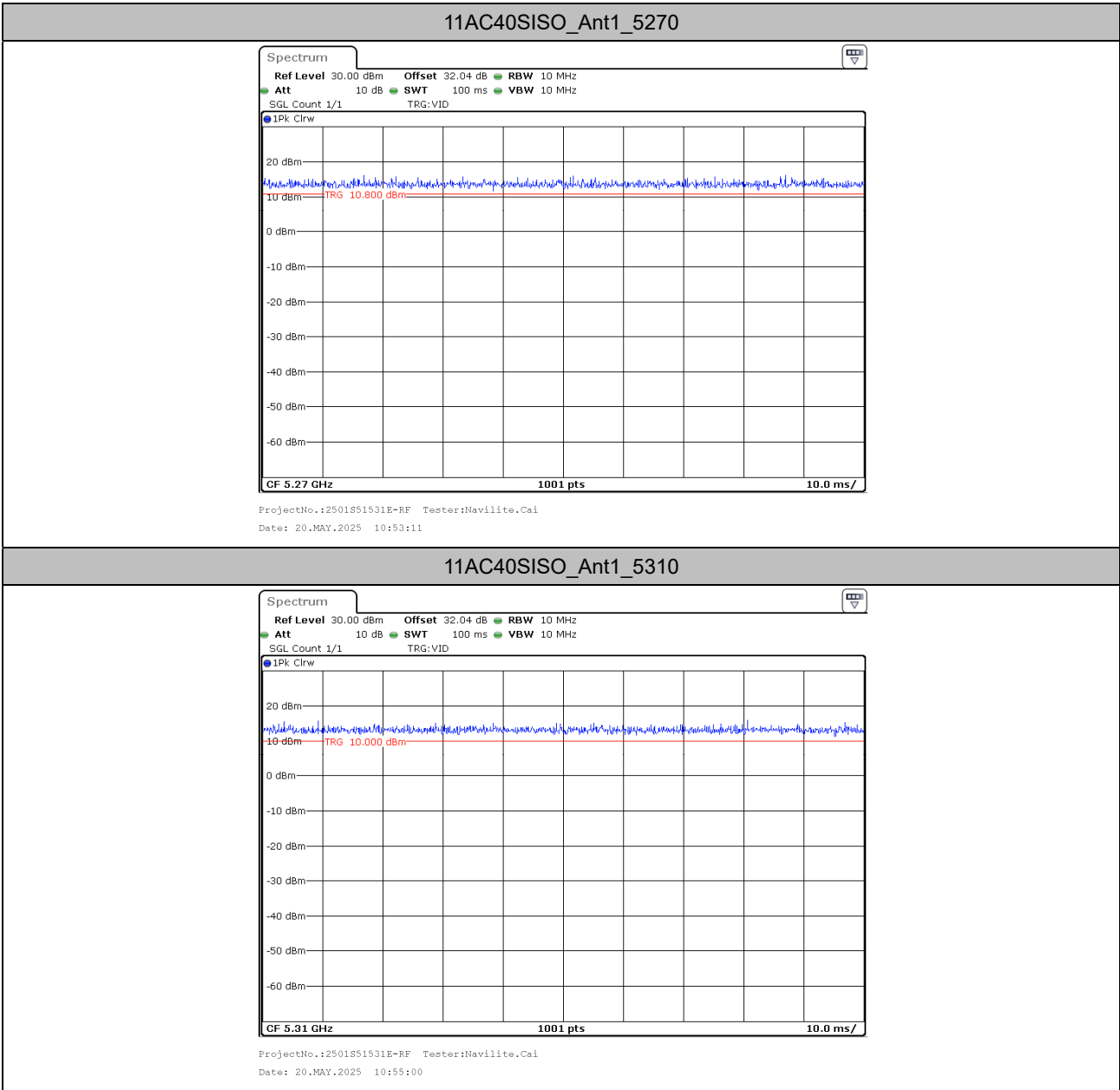


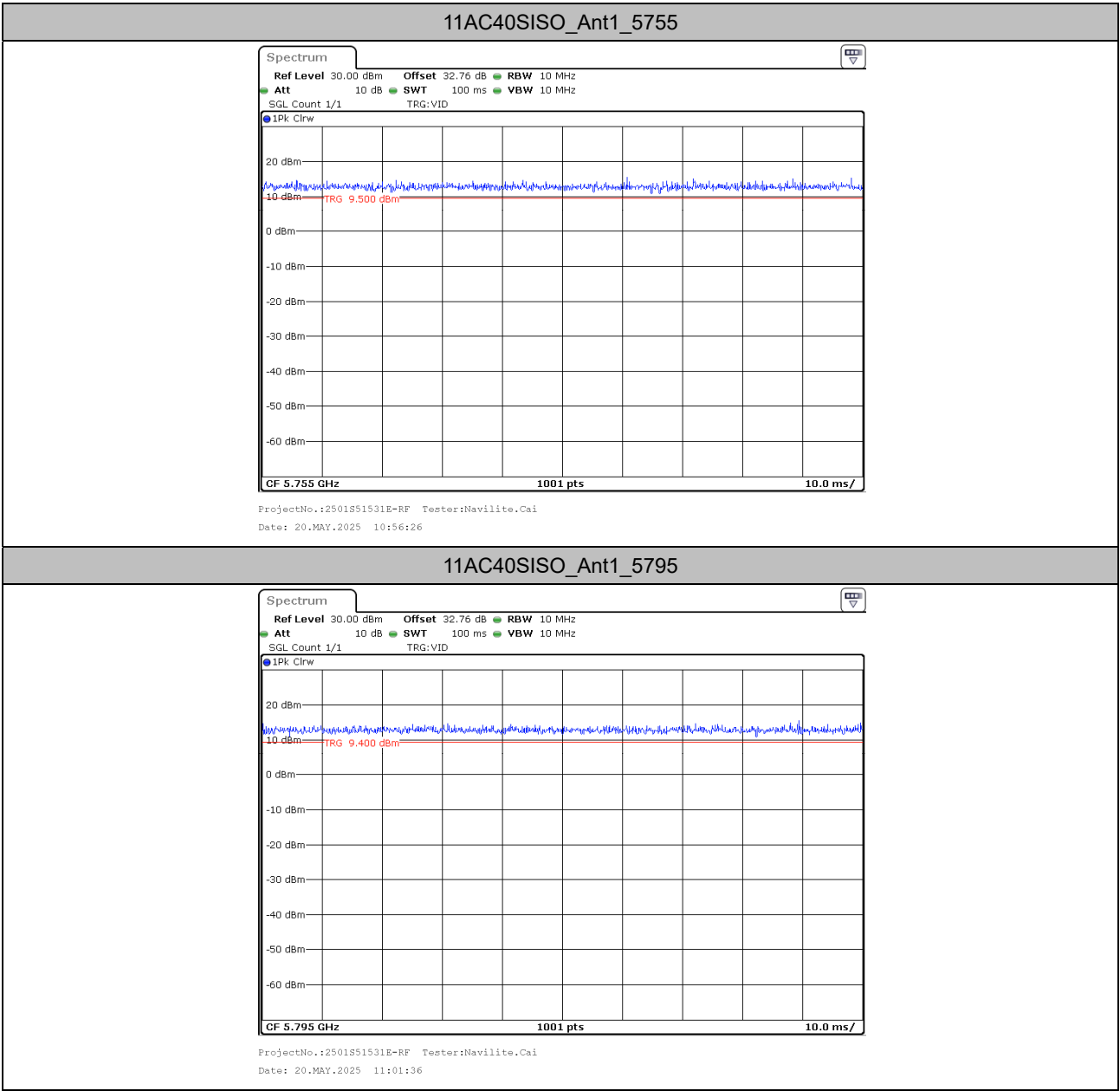
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:49:21

11AC40SISO_Ant1_5230

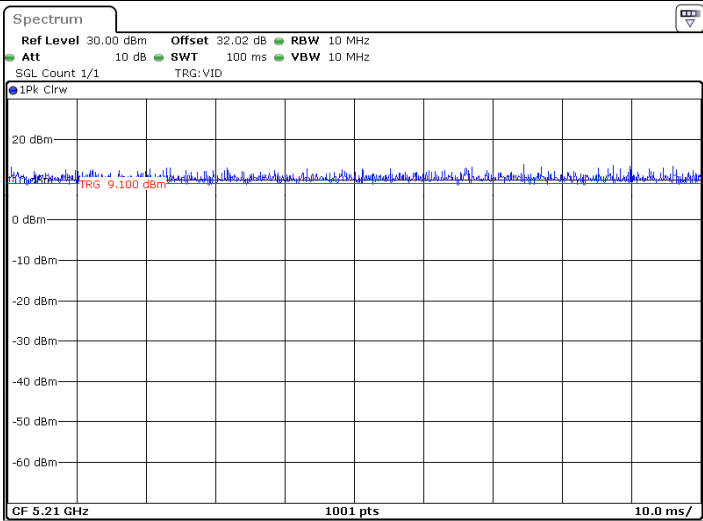


ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:51:53



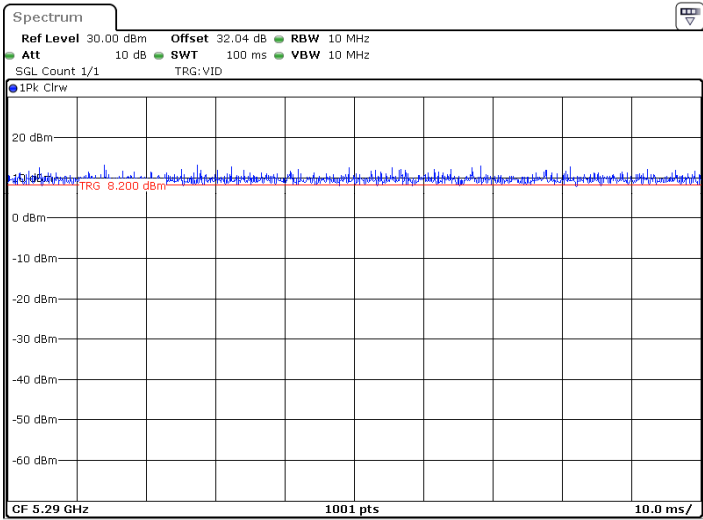


11AC80SISO_Ant1_5210

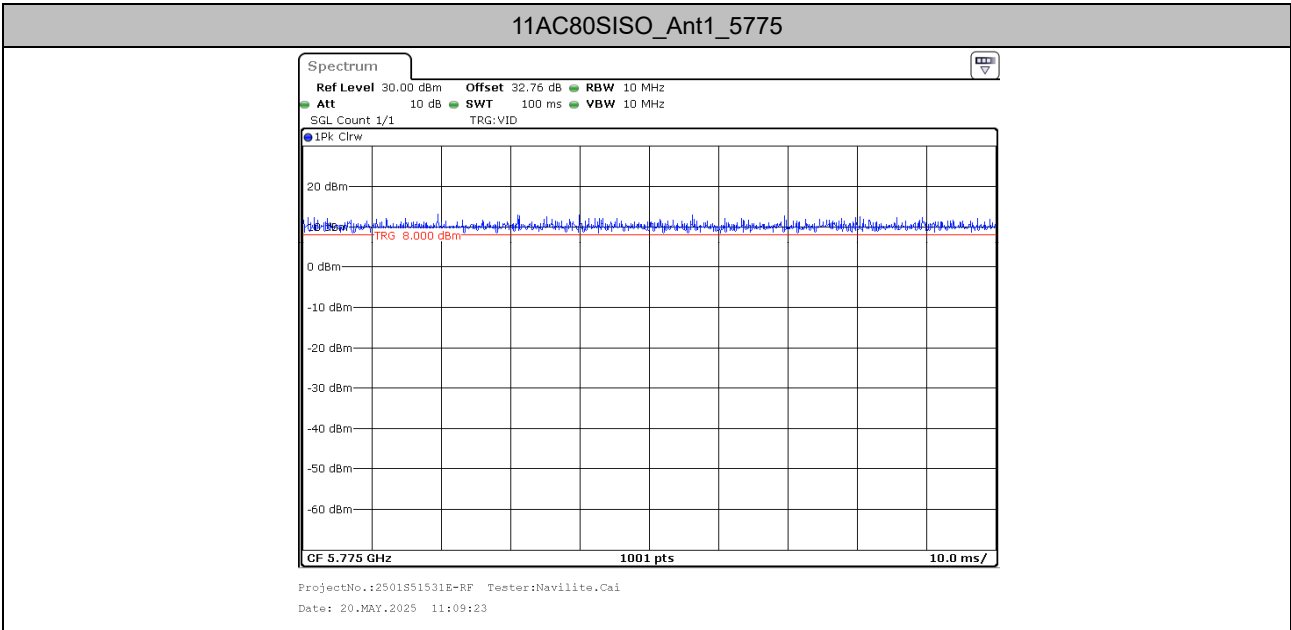


ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 11:04:40

11AC80SISO_Ant1_5290



ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 11:06:05



Maximum conducted output power

Test Result

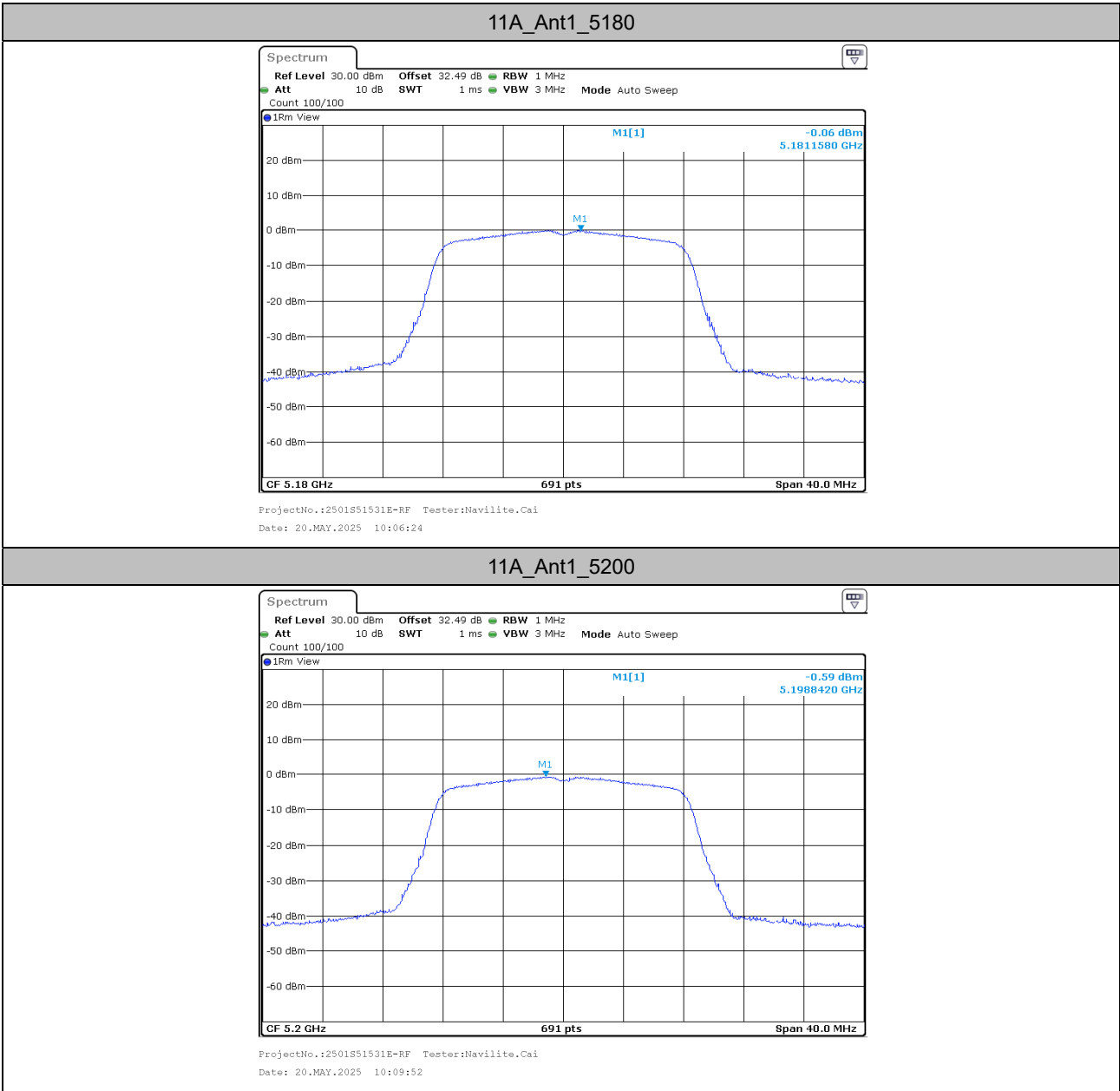
Test Mode	Frequency [MHz]	Result [dBm]	FCC Limit [dBm]	IC Limit [dBm]	Gain [dBi]	EIRP [dBm]	IC EIRP Limit [dBm]	Verdict
11A	5180	10.24	≤23.98	---	-0.1	10.14	≤22.36	PASS
	5200	9.70	≤23.98	---	-0.1	9.6	≤22.39	PASS
	5240	9.19	≤23.98	---	-0.1	9.09	≤22.36	PASS
	5260	9.37	≤23.98	≤23.37	0.3	9.67	≤29.37	PASS
	5280	9.33	≤23.98	≤23.37	0.3	9.63	≤29.37	PASS
	5320	8.89	≤23.98	≤23.37	0.3	9.19	≤29.37	PASS
	5745	9.06	≤30.00	≤30.00	---	---	---	PASS
	5785	9.25	≤30.00	≤30.00	---	---	---	PASS
	5825	8.72	≤30.00	≤30.00	---	---	---	PASS
11AC20SISO	5180	10.08	≤23.98	---	-0.1	9.98	≤22.58	PASS
	5200	9.49	≤23.98	---	-0.1	9.39	≤22.57	PASS
	5240	8.96	≤23.98	---	-0.1	8.86	≤22.59	PASS
	5260	9.18	≤23.98	≤23.59	0.3	9.48	≤29.59	PASS
	5280	9.09	≤23.98	≤23.58	0.3	9.39	≤29.58	PASS
	5320	8.66	≤23.98	≤23.58	0.3	8.96	≤29.58	PASS
	5745	8.66	≤30.00	≤30.00	---	---	---	PASS
	5785	9.10	≤30.00	≤30.00	---	---	---	PASS
	5825	8.44	≤30.00	≤30.00	---	---	---	PASS
11AC40SISO	5190	9.74	≤23.98	---	-0.1	9.64	≤23.01	PASS
	5230	9.17	≤23.98	---	-0.1	9.07	≤23.01	PASS
	5270	9.12	≤23.98	≤23.98	0.3	9.42	≤29.98	PASS
	5310	8.74	≤23.98	≤23.98	0.3	9.04	≤29.98	PASS
	5755	8.74	≤30.00	≤30.00	---	---	---	PASS
	5795	8.77	≤30.00	≤30.00	---	---	---	PASS
11AC80SISO	5210	9.33	≤23.98	---	-0.1	9.23	≤23.01	PASS
	5290	8.52	≤23.98	≤23.98	0.3	8.82	≤29.98	PASS
	5775	8.61	≤30.00	≤30.00	---	---	---	PASS

Maximum power spectral density

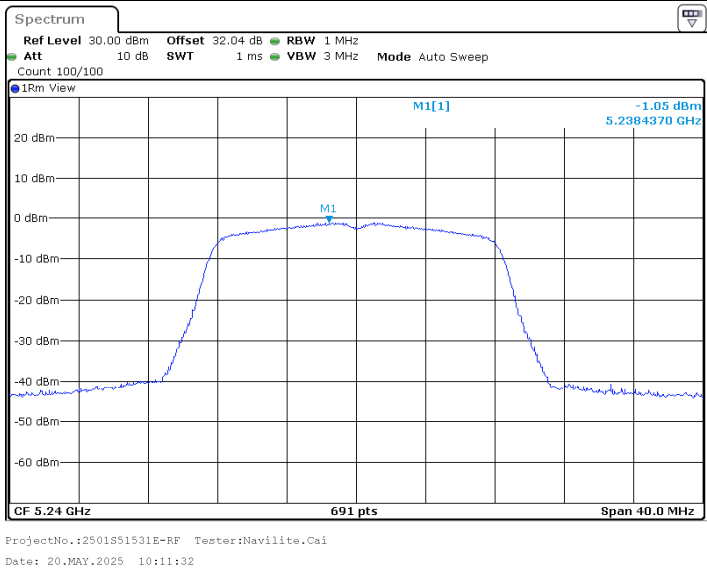
Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	FCC Limit [dBm/MHz]	EIRP [dBm/MHz]	IC EIRP Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-0.06	≤11.00	-0.16	≤10.00	PASS
		5200	-0.59	≤11.00	-0.69	≤10.00	PASS
		5240	-1.05	≤11.00	-1.15	≤10.00	PASS
		5260	-0.86	≤11.00	/	/	PASS
		5280	-0.83	≤11.00	/	/	PASS
		5320	-1.50	≤11.00	/	/	PASS
		5745	-4.11	≤30.00	/	/	PASS
		5785	-3.79	≤30.00	/	/	PASS
		5825	-4.25	≤30.00	/	/	PASS
11AC20SISO	Ant1	5180	-0.41	≤11.00	-0.51	≤10.00	PASS
		5200	-0.97	≤11.00	-1.07	≤10.00	PASS
		5240	-1.47	≤11.00	-1.57	≤10.00	PASS
		5260	-1.29	≤11.00	/	/	PASS
		5280	-1.26	≤11.00	/	/	PASS
		5320	-1.77	≤11.00	/	/	PASS
		5745	-4.73	≤30.00	/	/	PASS
		5785	-4.20	≤30.00	/	/	PASS
		5825	-4.46	≤30.00	/	/	PASS
11AC40SISO	Ant1	5190	-3.70	≤11.00	-3.8	≤10.00	PASS
		5230	-4.12	≤11.00	-4.22	≤10.00	PASS
		5270	-4.28	≤11.00	/	/	PASS
		5310	-4.48	≤11.00	/	/	PASS
		5755	-7.85	≤30.00	/	/	PASS
		5795	-7.73	≤30.00	/	/	PASS
11AC80SISO	Ant1	5210	-7.05	≤11.00	-7.15	≤10.00	PASS
		5290	-8.01	≤11.00	/	/	PASS
		5775	-10.55	≤30.00	/	/	PASS
Npte: The Result and Limit Unit is dBm/500 kHz in the band 5.725-5.85 GHz.							

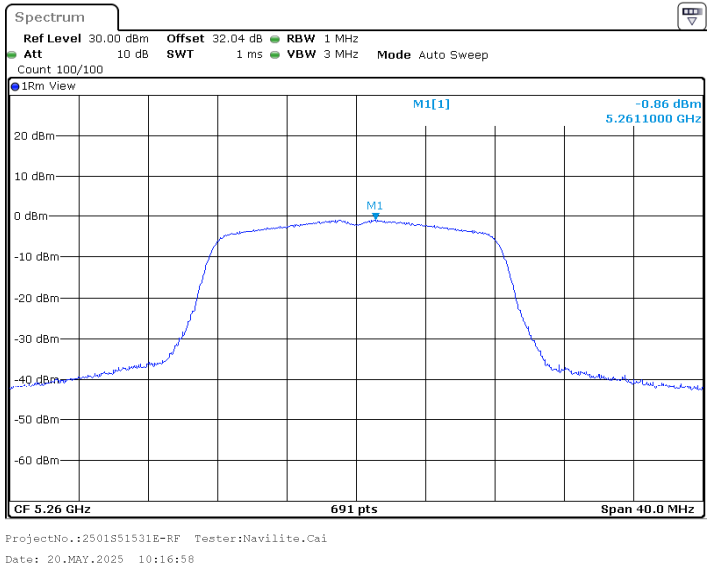
Test Graphs



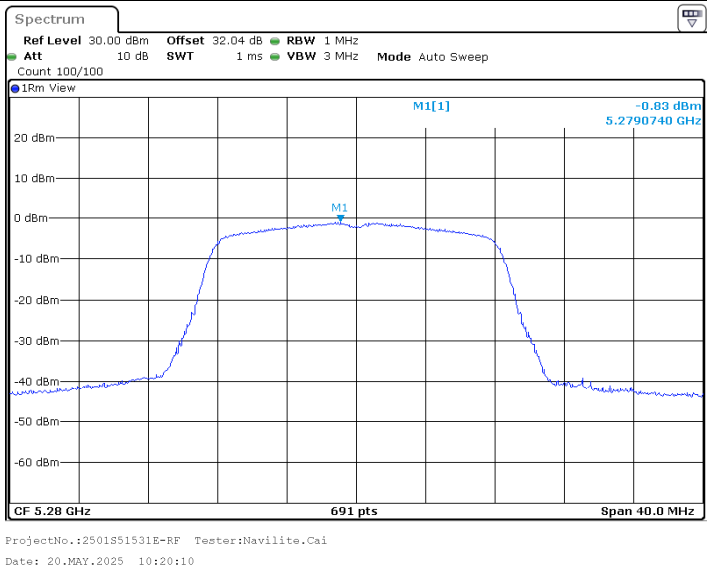
11A_Ant1_5240



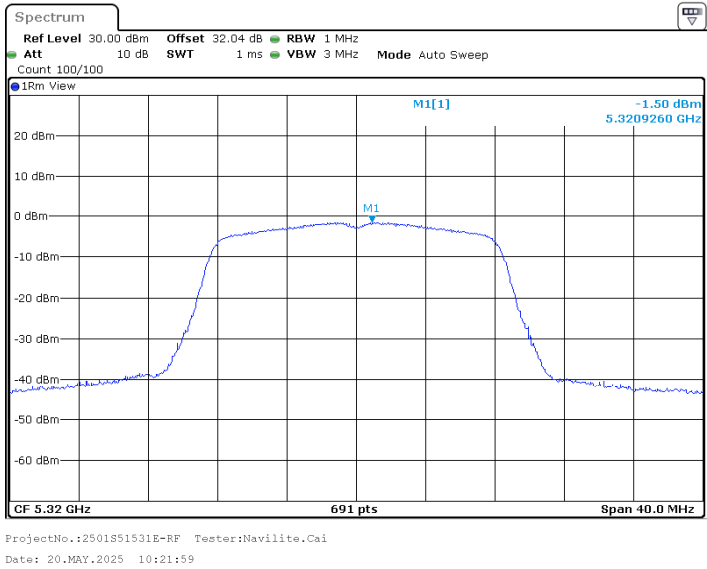
11A_Ant1_5260



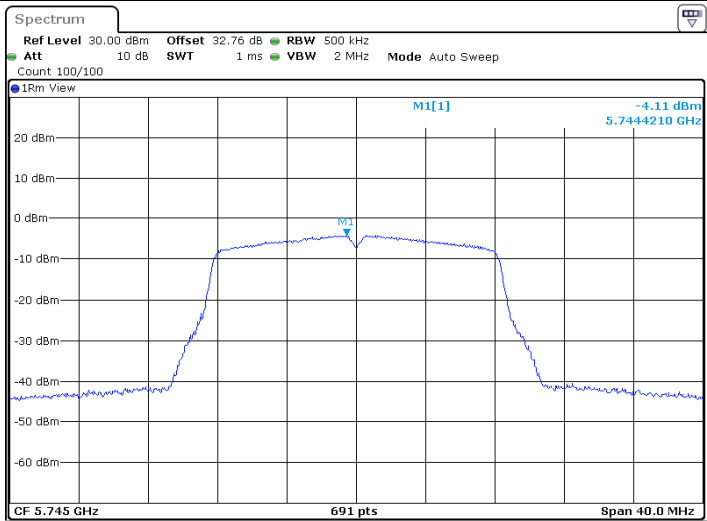
11A_Ant1_5280



11A_Ant1_5320

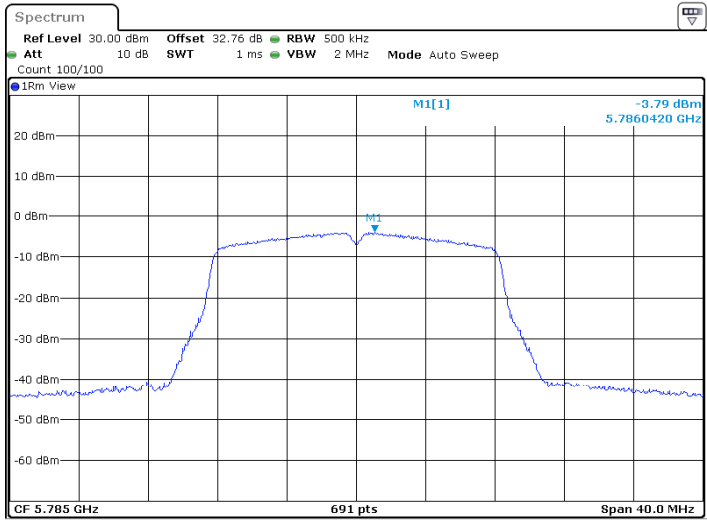


11A_Ant1_5745

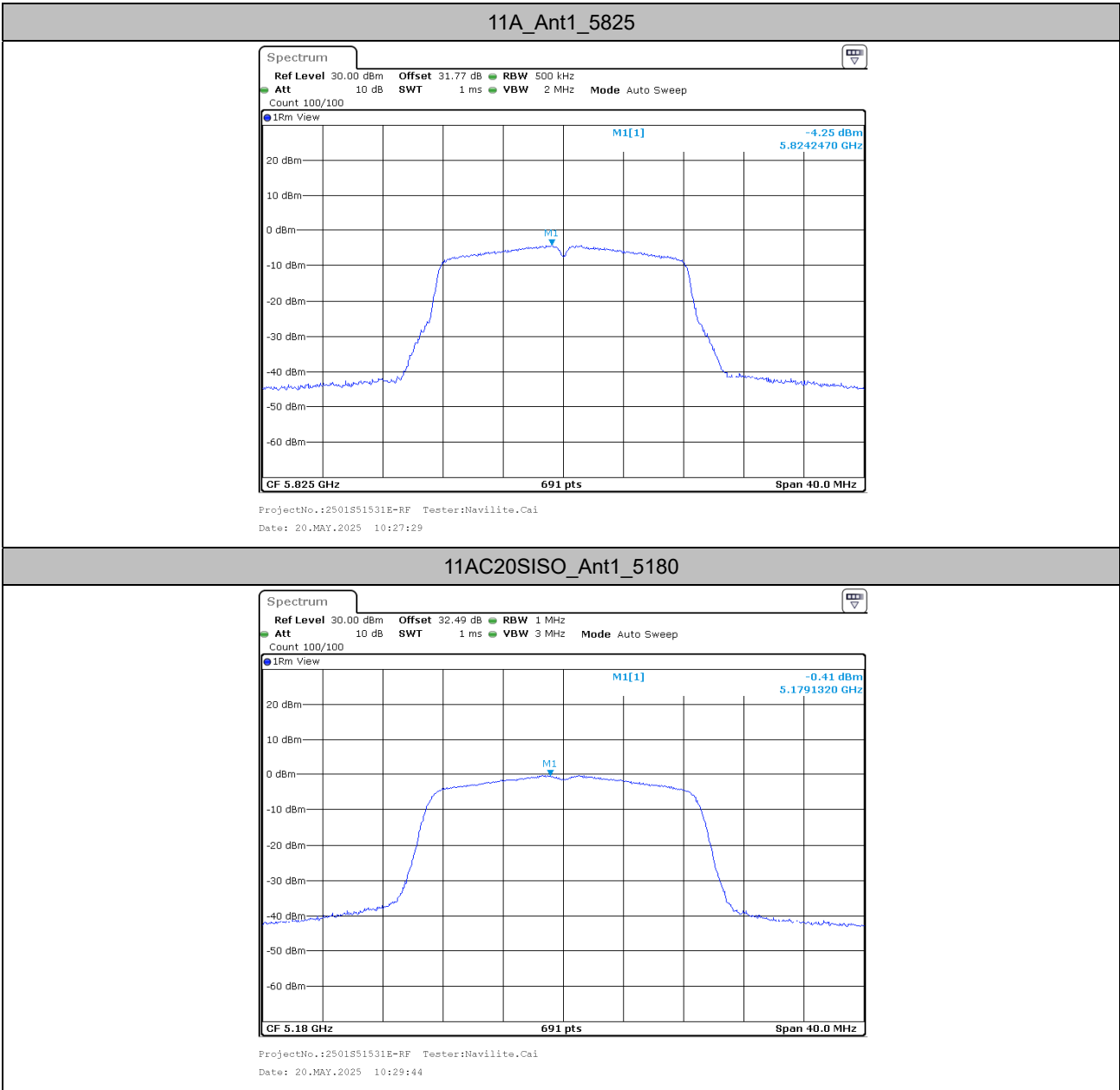


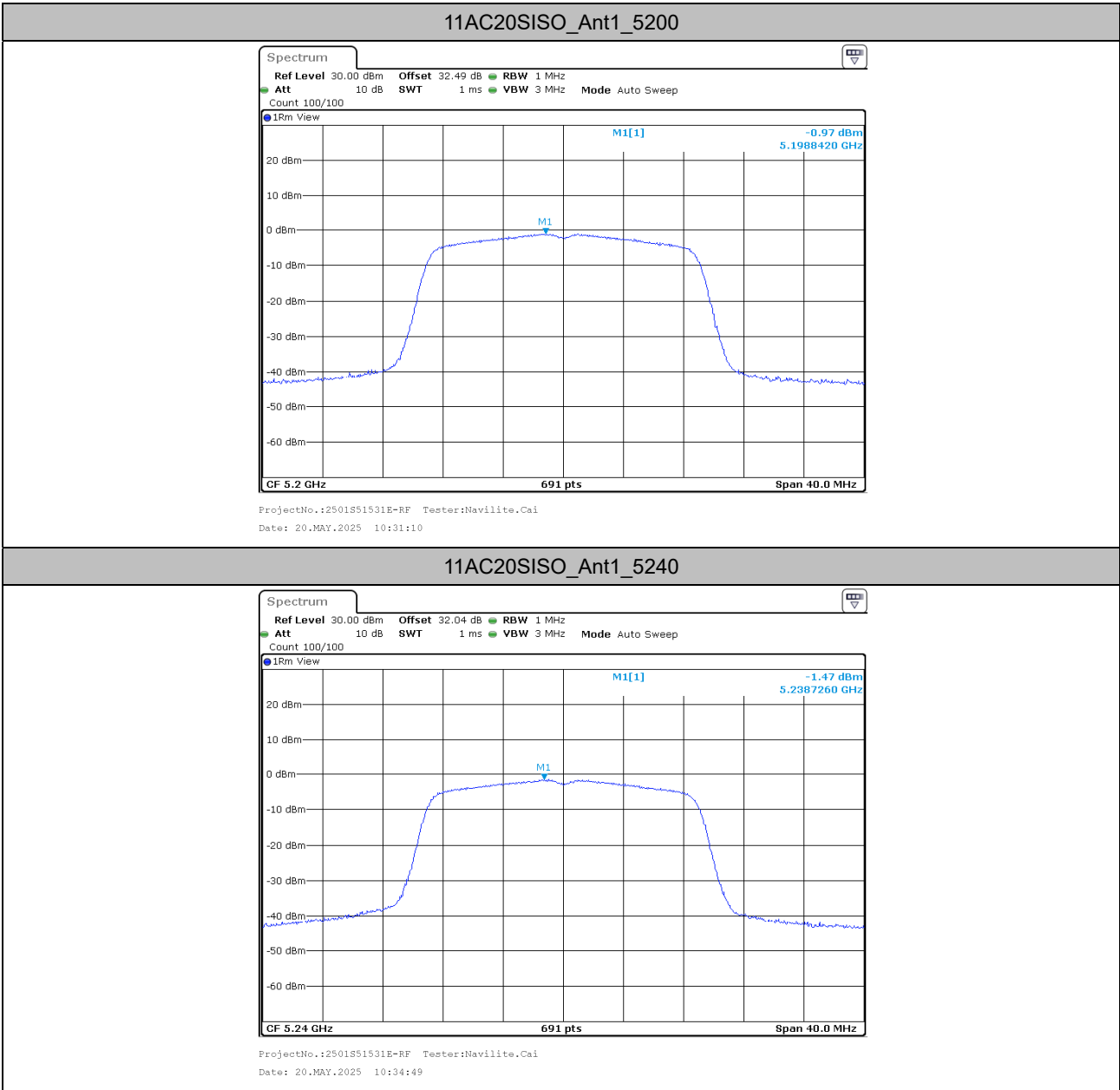
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:23:38

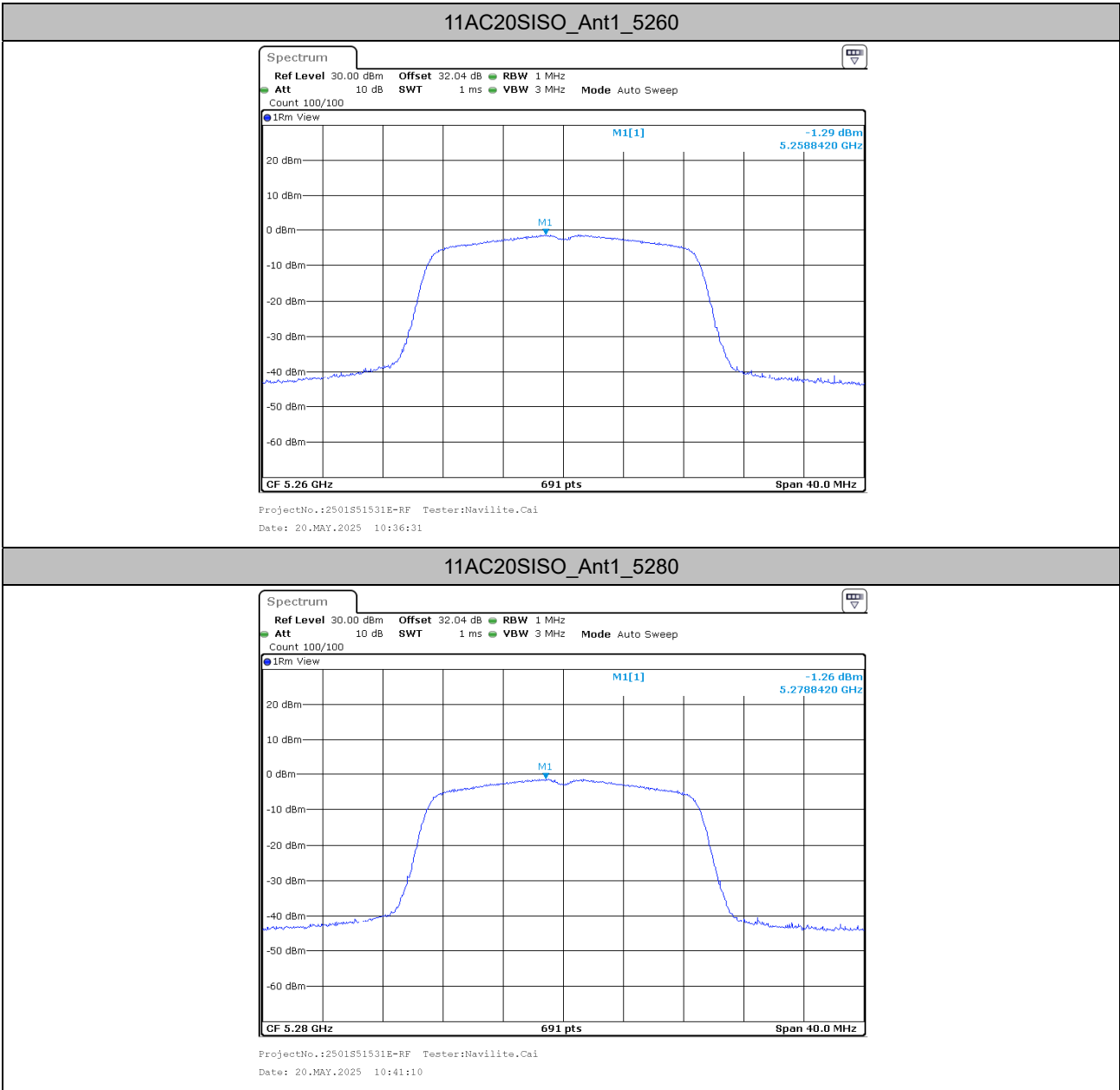
11A_Ant1_5785



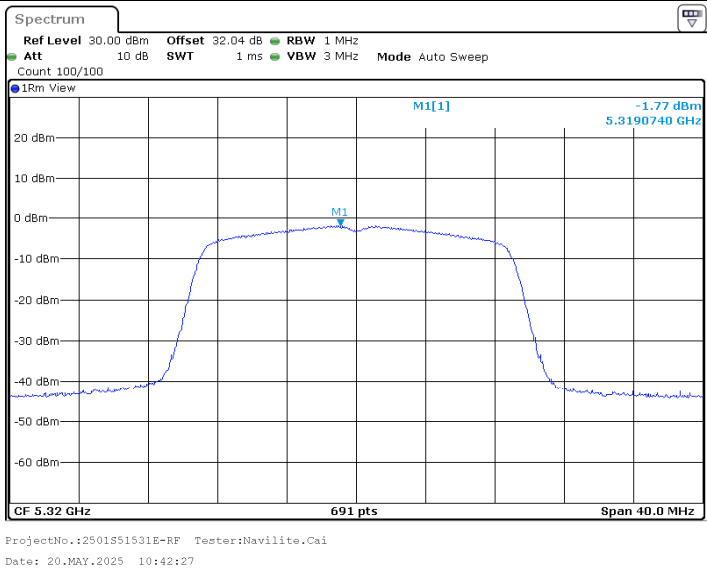
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:25:18



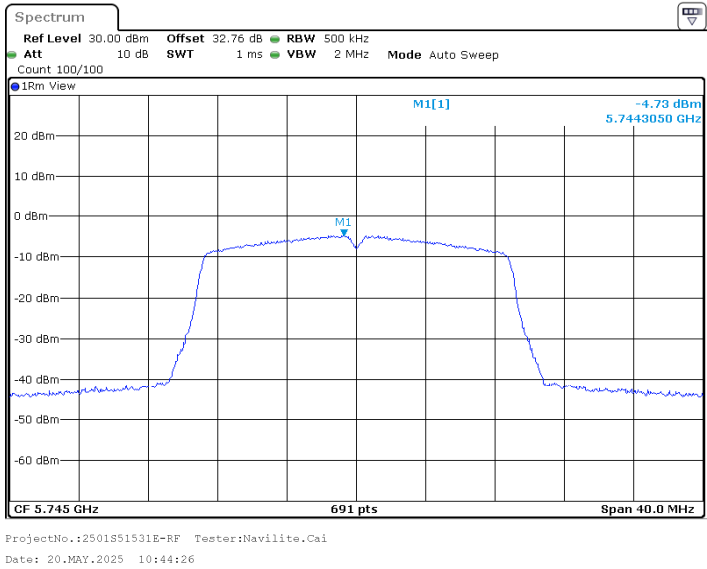


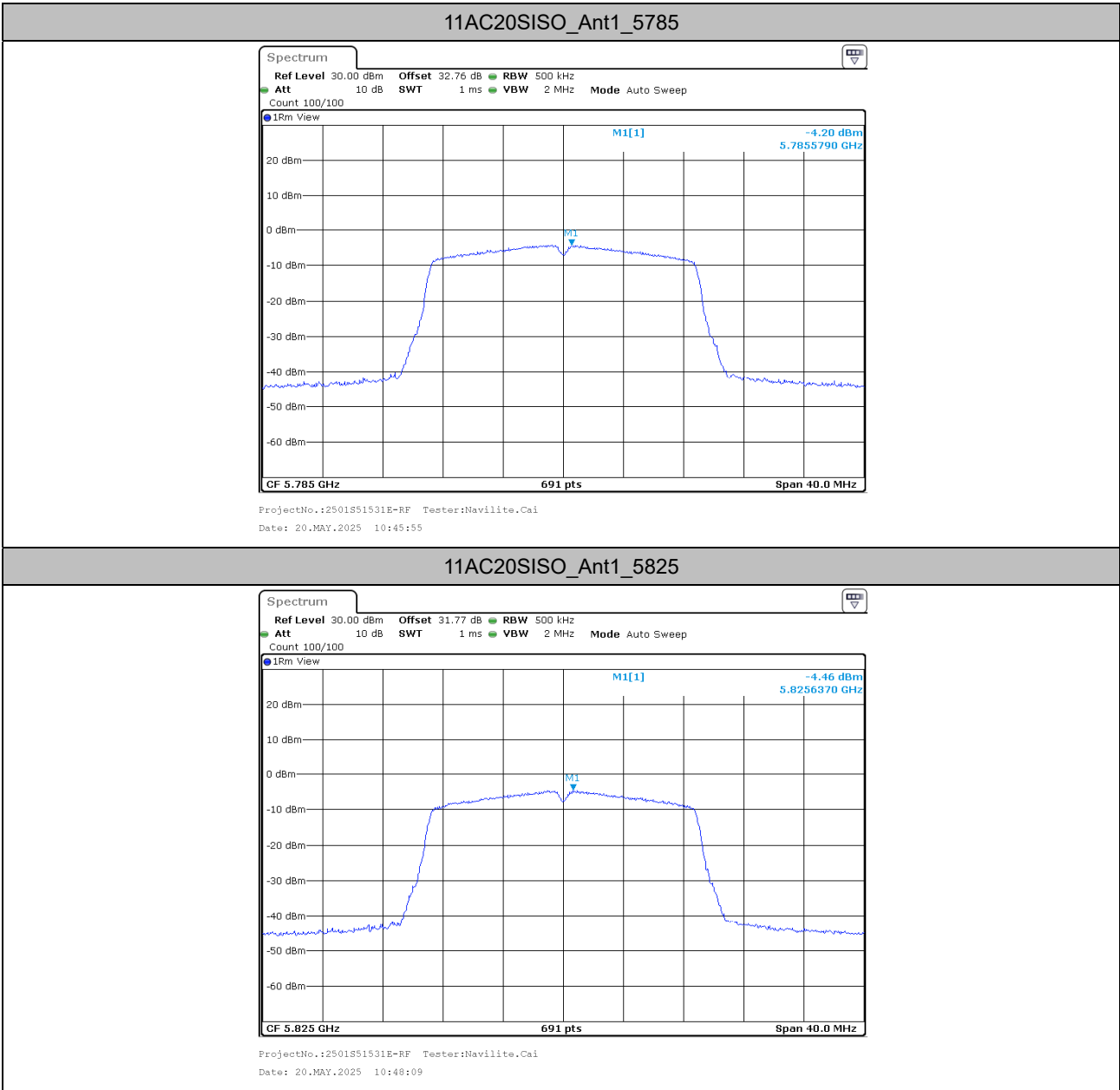


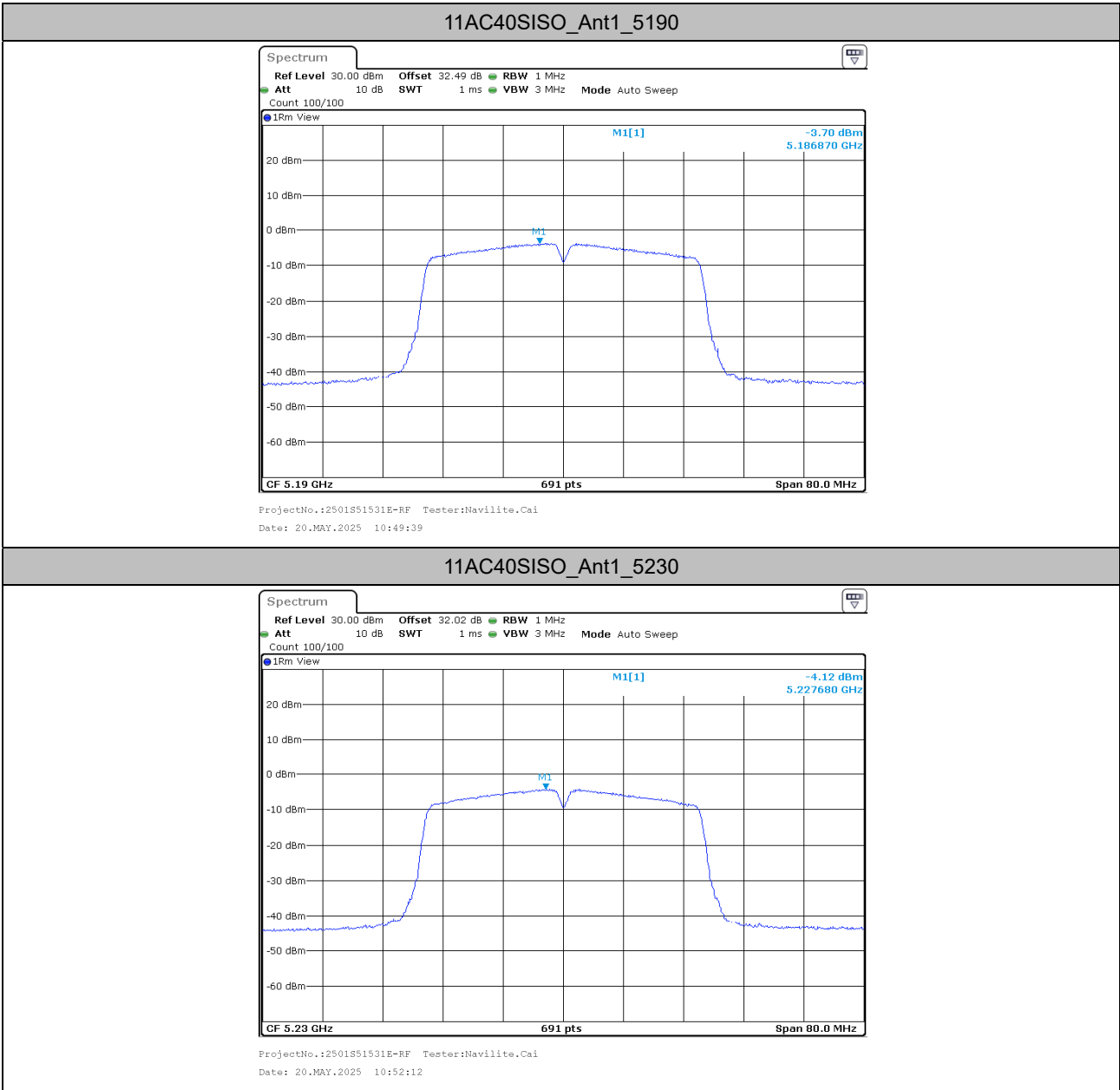
11AC20SISO_Ant1_5320



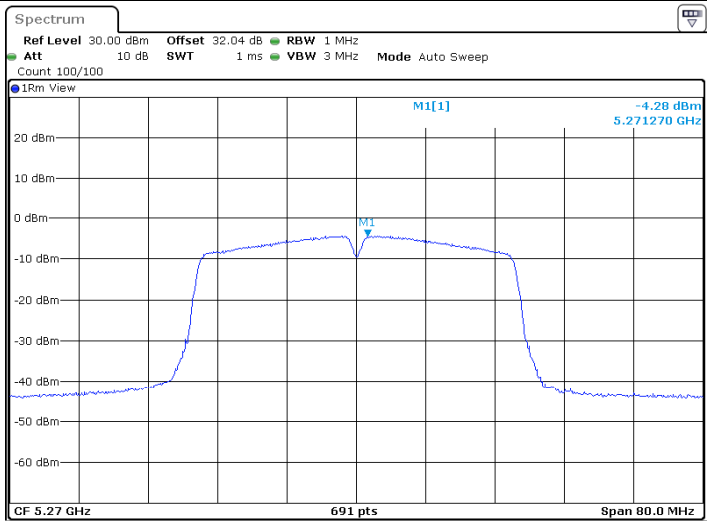
11AC20SISO_Ant1_5745





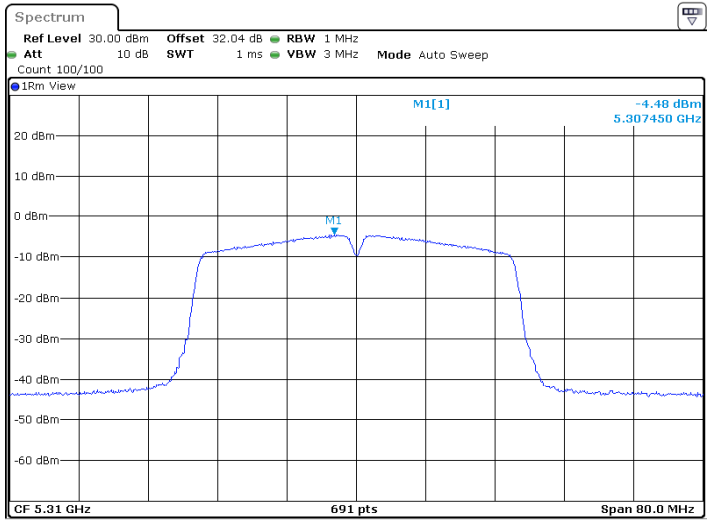


11AC40SISO_Ant1_5270



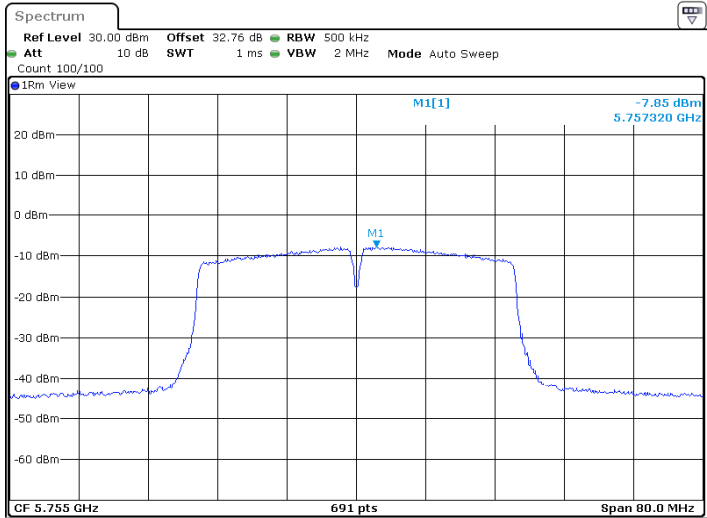
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:53:30

11AC40SISO_Ant1_5310



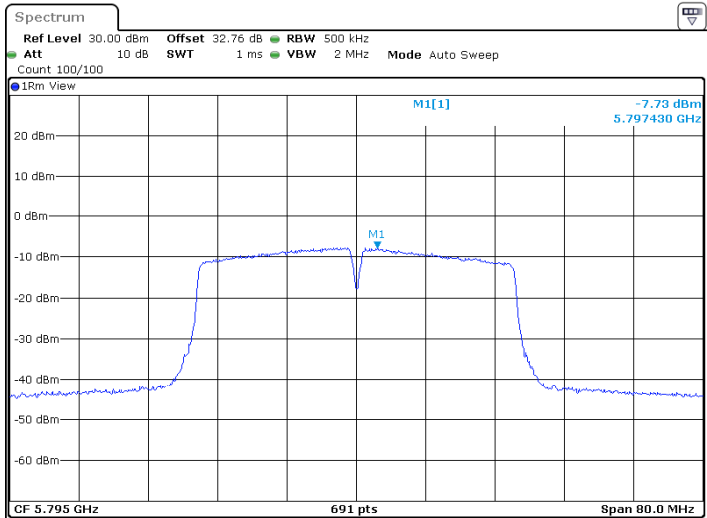
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:55:18

11AC40SISO_Ant1_5755



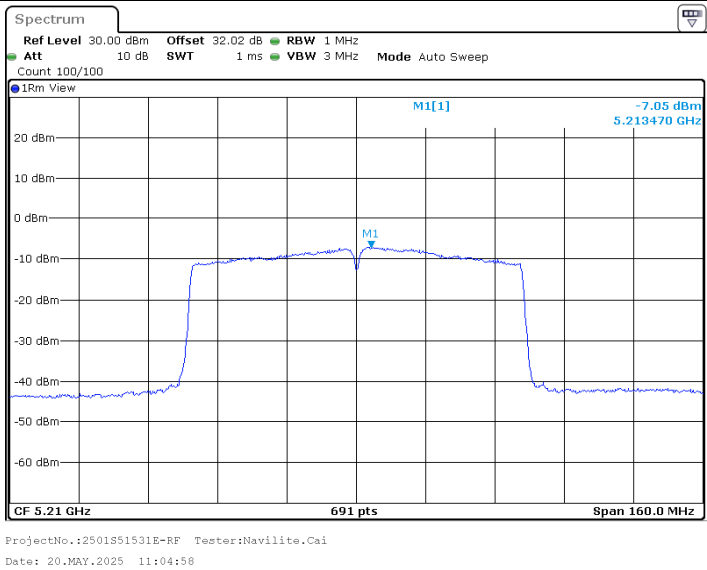
ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 10:56:45

11AC40SISO_Ant1_5795



ProjectNo.:2501S51531E-RF Tester:Navilite.Cai
Date: 20.MAY.2025 11:01:54

11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290

