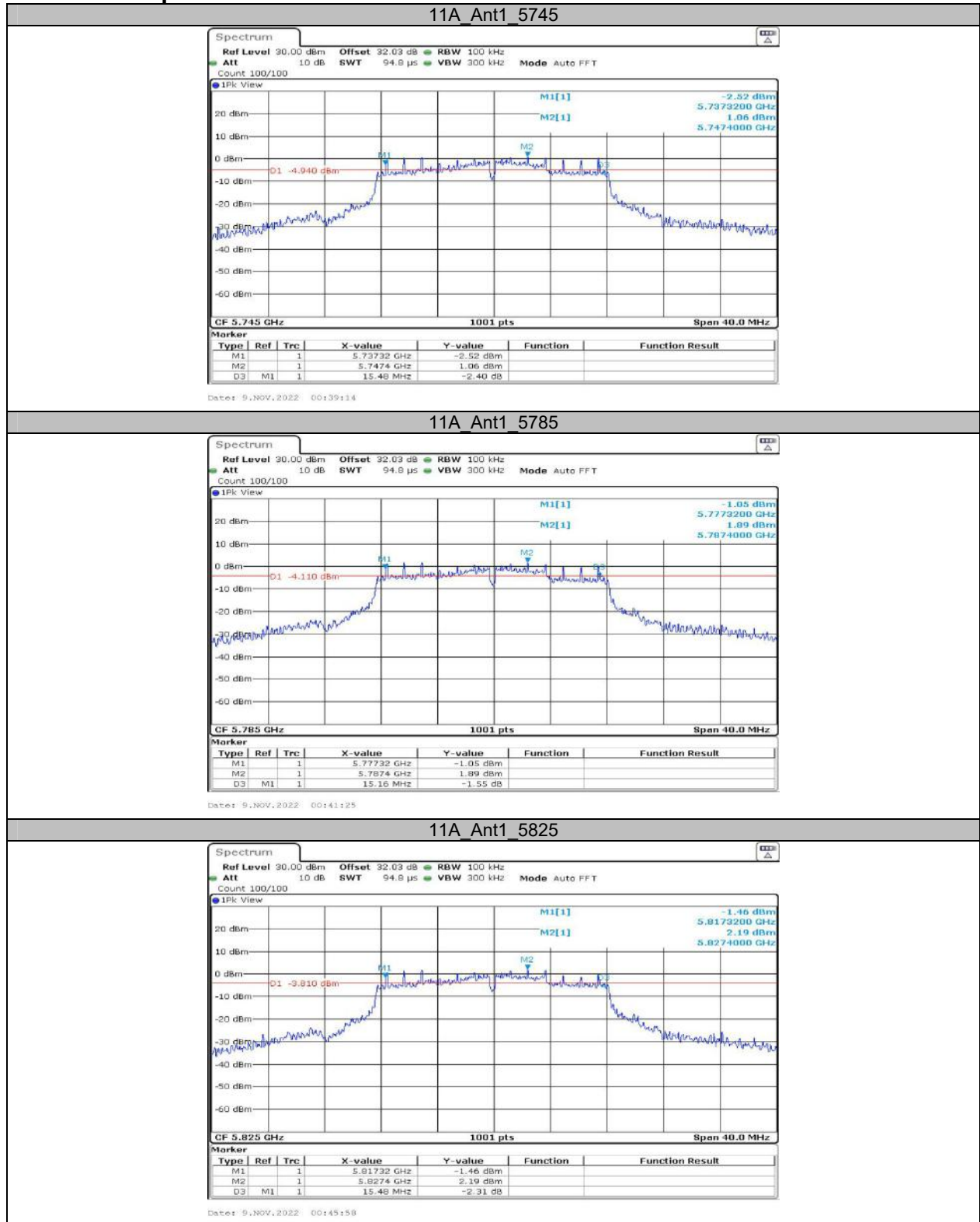
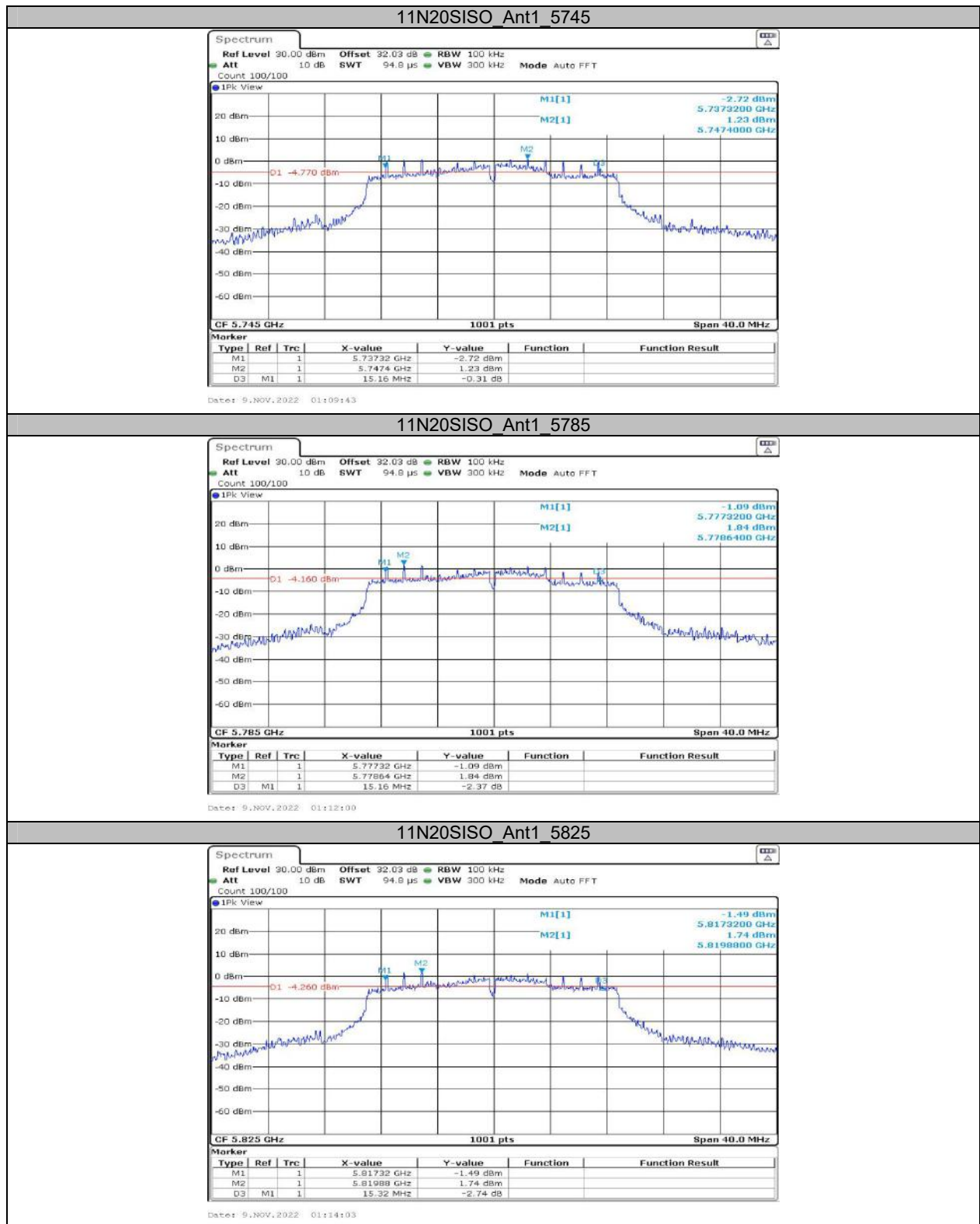
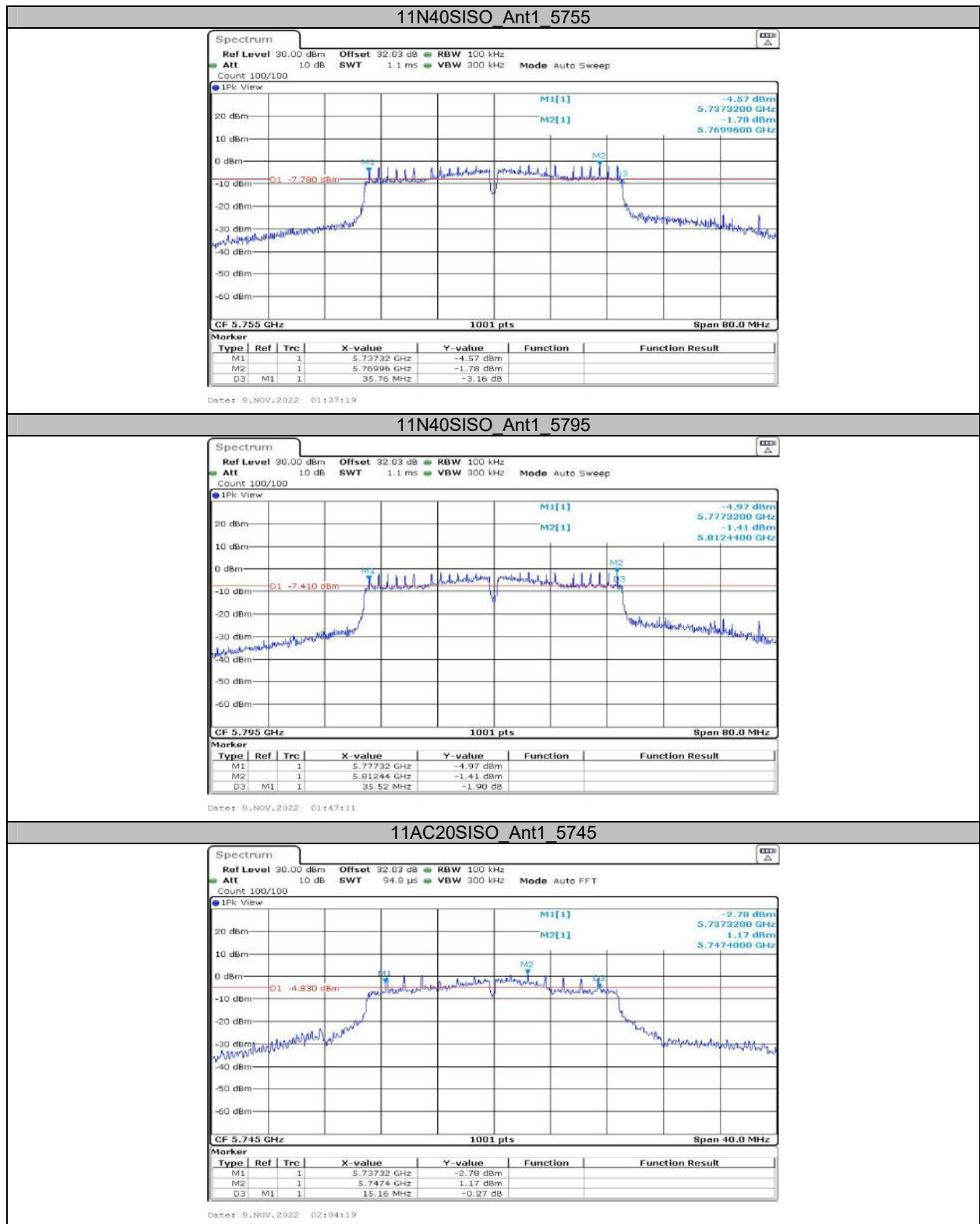
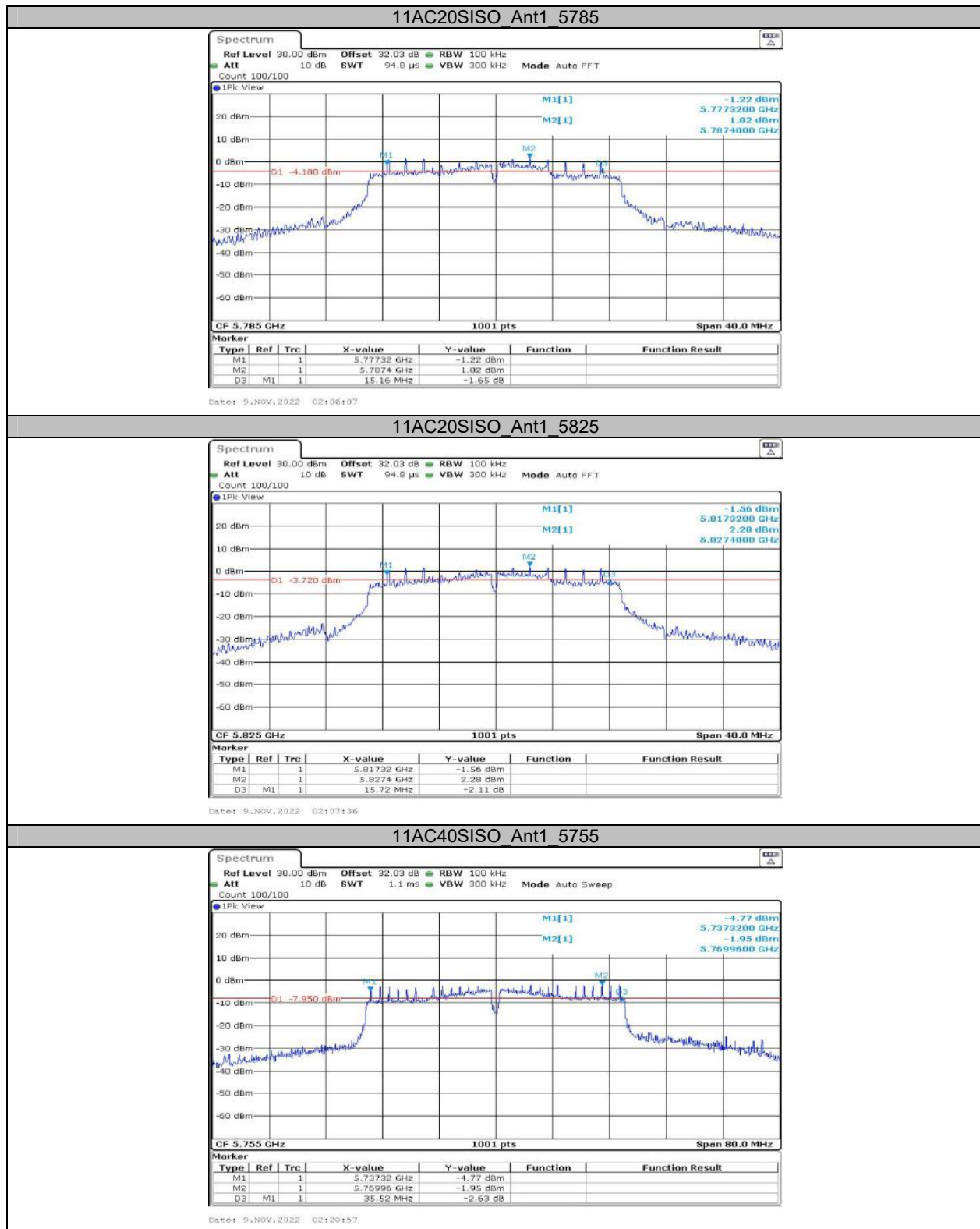


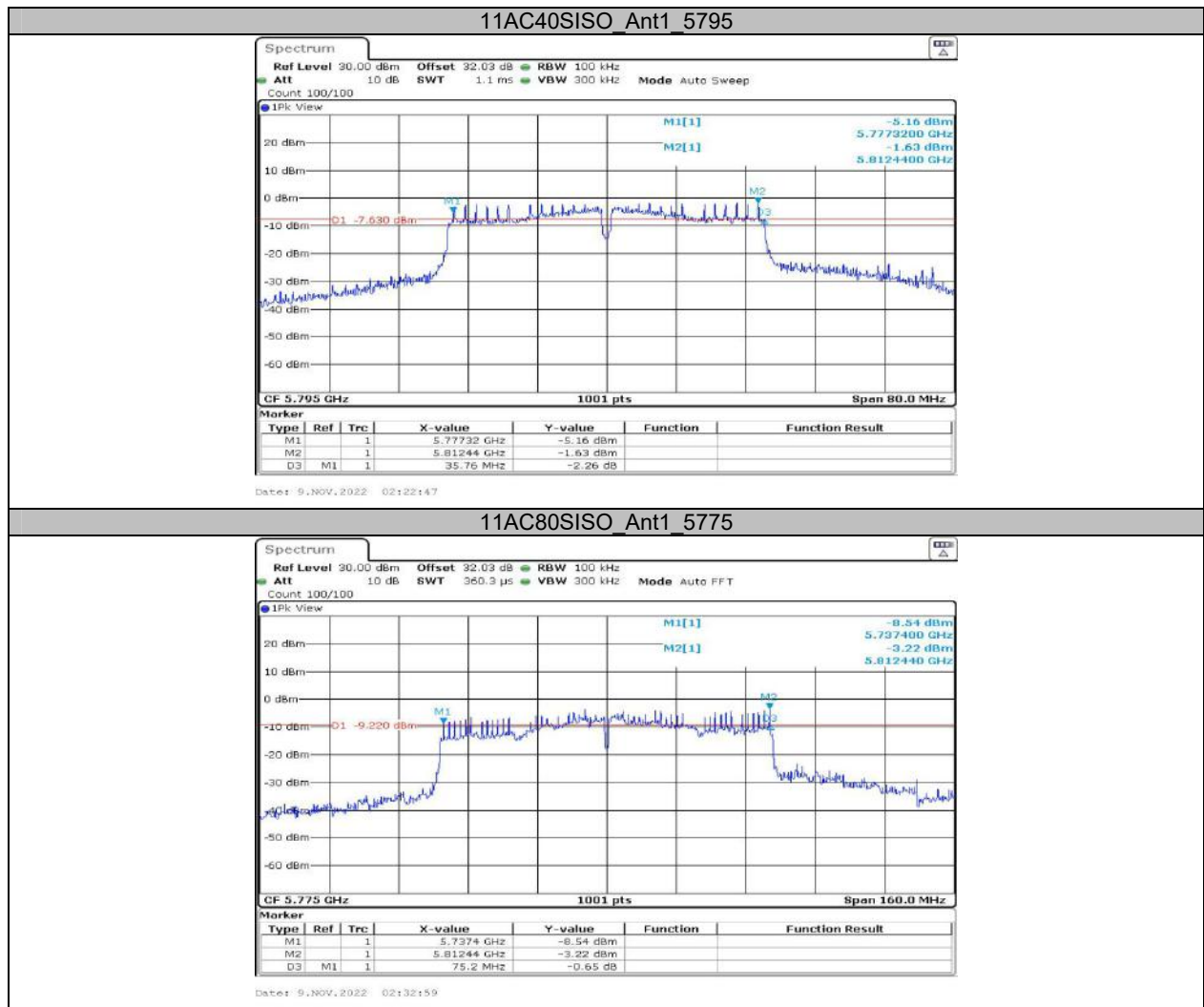
Test Graphs











Appendix B: Duty Cycle Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.50	92.67
		5200	1.39	1.50	92.67
		5240	1.40	1.50	93.33
		5260	1.39	1.50	92.67
		5280	1.39	1.50	92.67
		5320	1.39	1.50	92.67
		5500	1.39	1.50	92.67
		5580	1.39	1.49	93.29
		5700	1.39	1.50	92.67
		5745	1.39	1.50	92.67
		5785	1.40	1.50	93.33
		5825	1.40	1.50	93.33
11N20SISO	Ant1	5180	1.31	1.42	92.25
		5200	1.30	1.41	92.20
		5240	1.31	1.41	92.91
		5260	1.30	1.41	92.20
		5280	1.30	1.41	92.20
		5320	1.30	1.41	92.20
		5500	1.31	1.41	92.91
		5580	1.31	1.41	92.91
		5700	1.30	1.41	92.20
		5745	1.30	1.41	92.20
		5785	1.31	1.41	92.91
		5825	1.30	1.41	92.20
11N40SISO	Ant1	5190	0.65	0.69	94.20
		5230	0.64	0.69	92.75
		5270	0.65	0.69	94.20
		5310	0.65	0.69	94.20
		5510	0.64	0.69	92.75
		5550	0.65	0.69	94.20
		5670	0.65	0.69	94.20
		5755	0.64	0.69	92.75
		5795	0.64	0.69	92.75
11AC20SISO	Ant1	5180	1.31	1.36	96.32
		5200	1.32	1.36	97.06
		5240	1.31	1.35	97.04
		5260	1.31	1.36	96.32
		5280	1.32	1.36	97.06
		5320	1.31	1.36	96.32
		5500	1.31	1.35	97.04

		5580	1.31	1.36	96.32
		5700	1.31	1.36	96.32
		5745	1.31	1.35	97.04
		5785	1.31	1.36	96.32
		5825	1.31	1.36	96.32
11AC40SISO	Ant1	5190	0.65	0.70	92.86
		5230	0.65	0.70	92.86
		5270	0.65	0.70	92.86
		5310	0.65	0.70	92.86
		5510	0.65	0.70	92.86
		5550	0.65	0.70	92.86
		5670	0.65	0.70	92.86
		5755	0.65	0.70	92.86
		5795	0.65	0.70	92.86
11AC80SISO	Ant1	5210	0.32	0.37	86.49
		5290	0.32	0.37	86.49
		5530	0.32	0.37	86.49
		5610	0.32	0.37	86.49
		5775	0.32	0.37	86.49

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5720	0.18	0.28	64.29
11N20SISO	Ant1	5720	0.16	0.26	61.54
11N40SISO	Ant1	5710	0.10	0.14	71.43
11AC20SISO	Ant1	5720	0.14	0.19	73.68
11AC40SISO	Ant1	5710	0.09	0.13	69.23
11AC80SISO	Ant1	5690	0.06	0.10	60.00

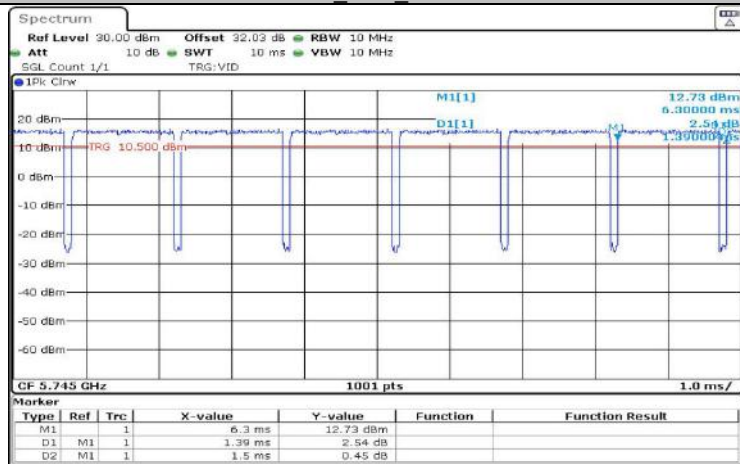
Test Graphs





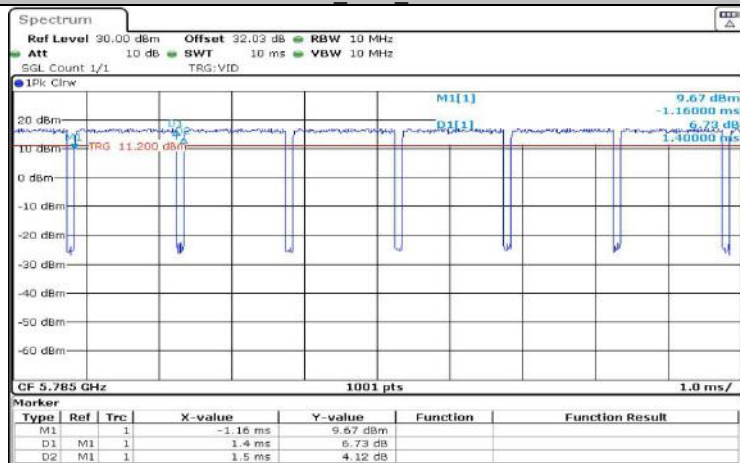


11A_Ant1_5745



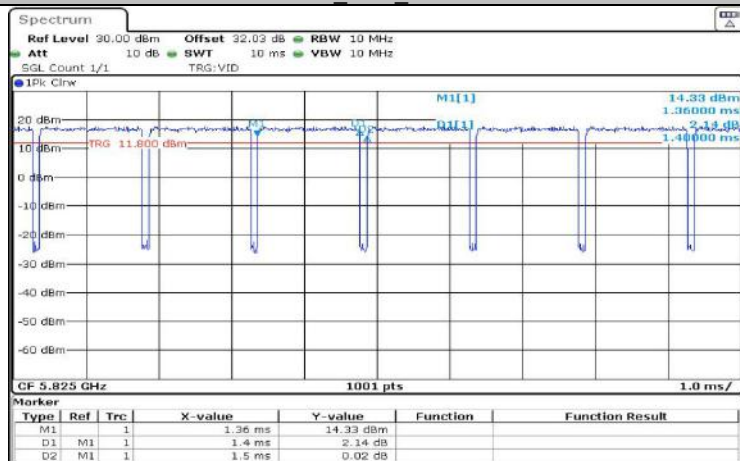
Date: 9.NOV.2022 00:39:39

11A_Ant1_5785



Date: 9.NOV.2022 00:41:50

11A_Ant1_5825



Date: 9.NOV.2022 00:46:24







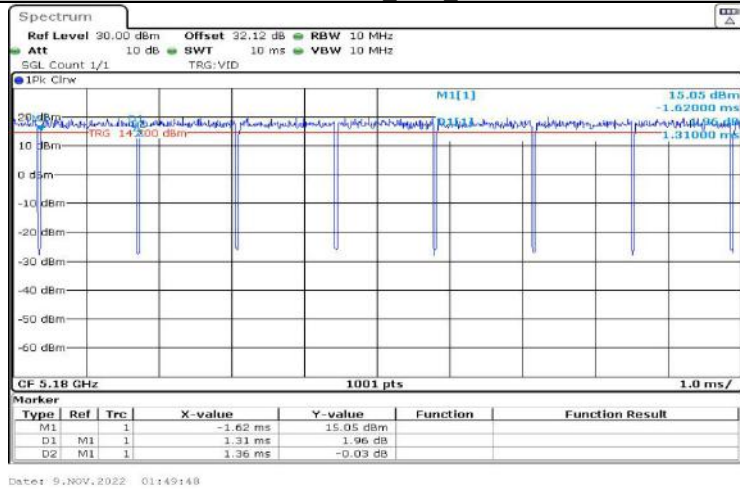




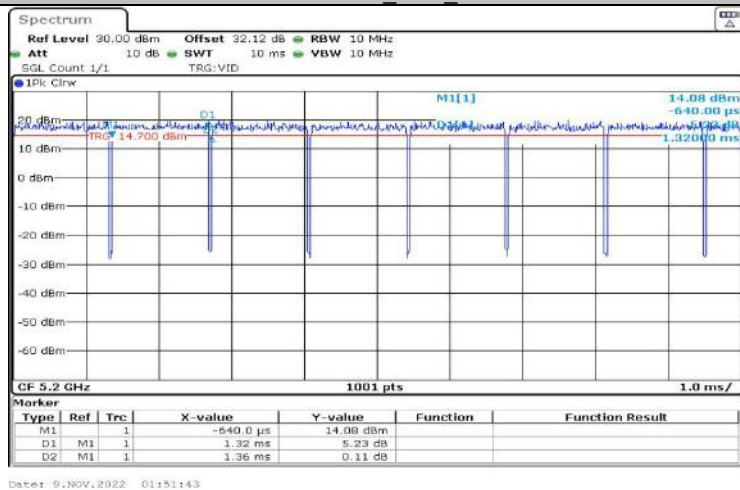




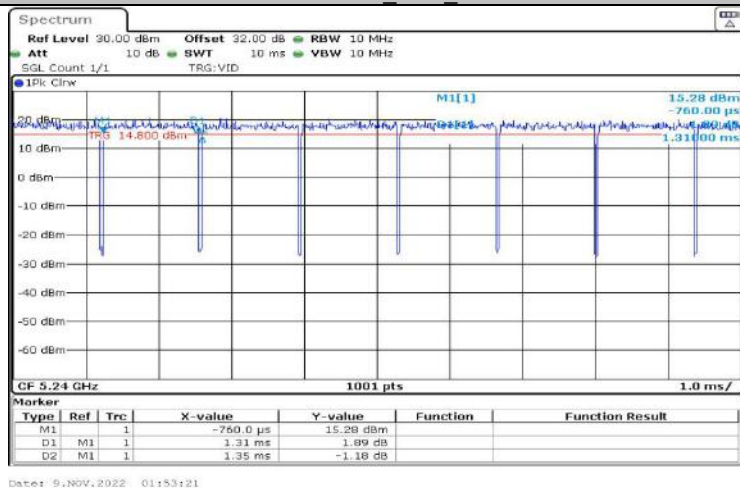
11AC20SISO_Ant1_5180

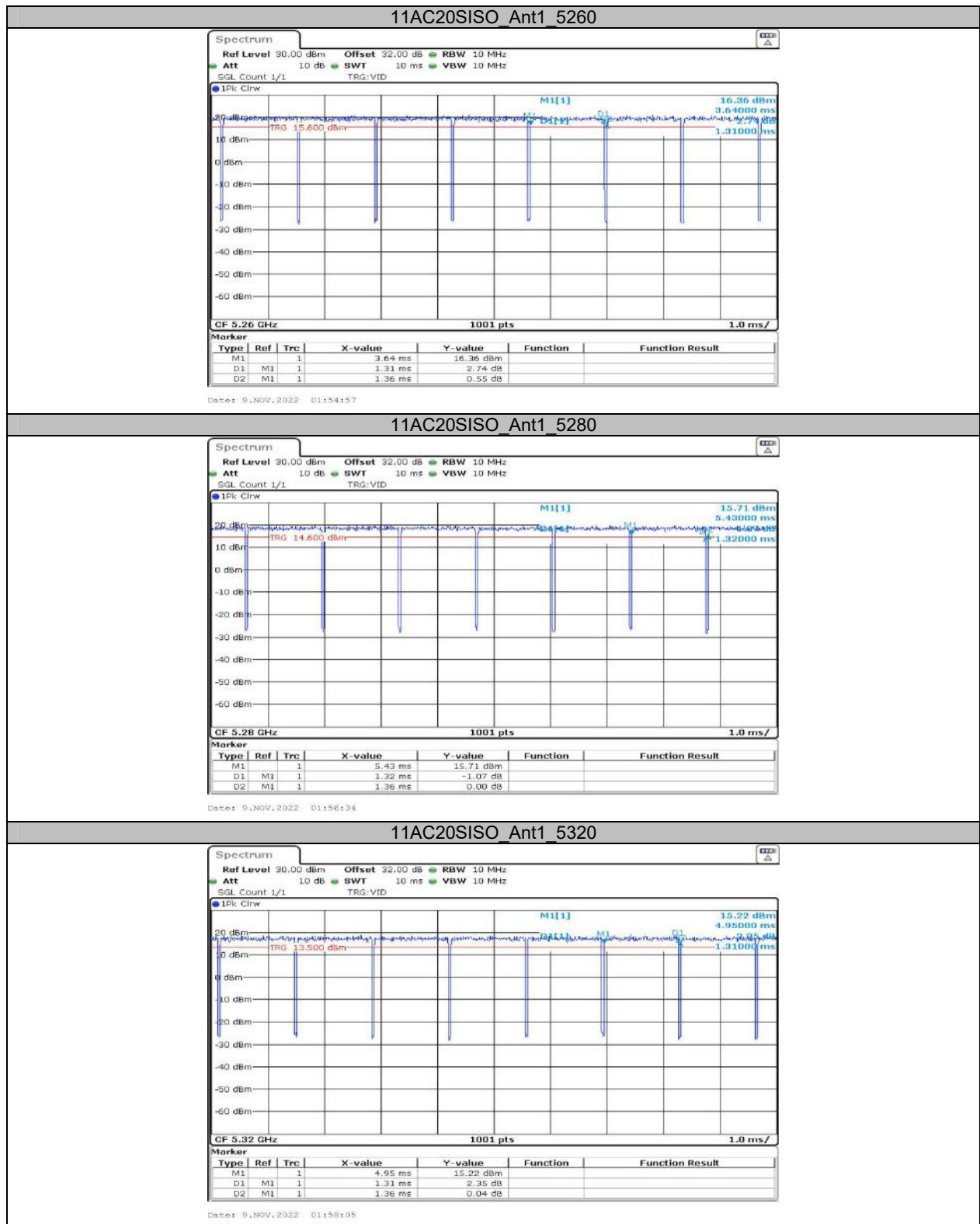


11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240

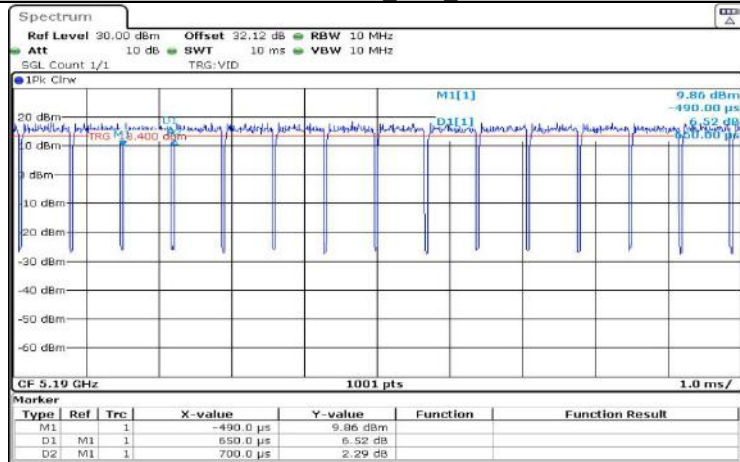






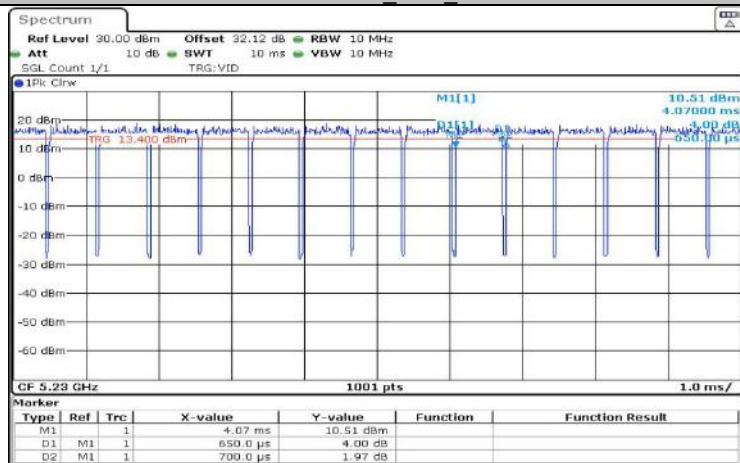


11AC40SISO_Ant1_5190



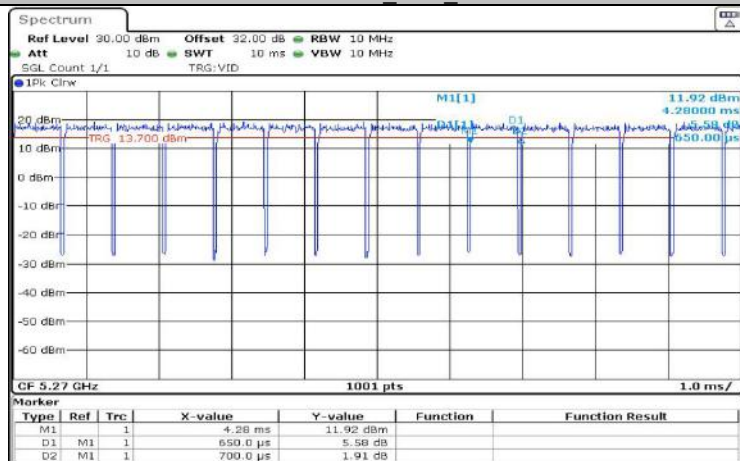
Date: 9.NOV.2022 02:10:05

11AC40SISO_Ant1_5230



Date: 9.NOV.2022 02:11:40

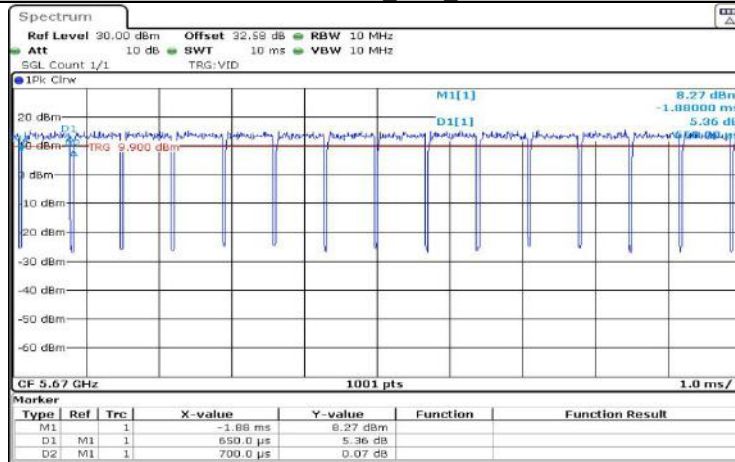
11AC40SISO_Ant1_5270



Date: 9.NOV.2022 02:13:03

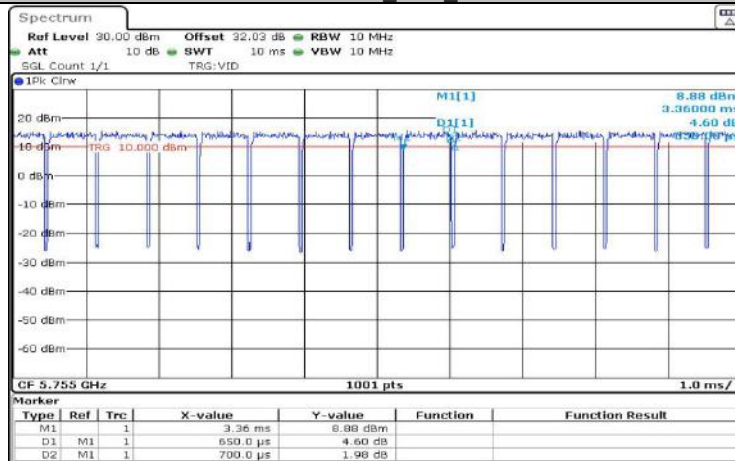


11AC40SISO_Ant1_5670



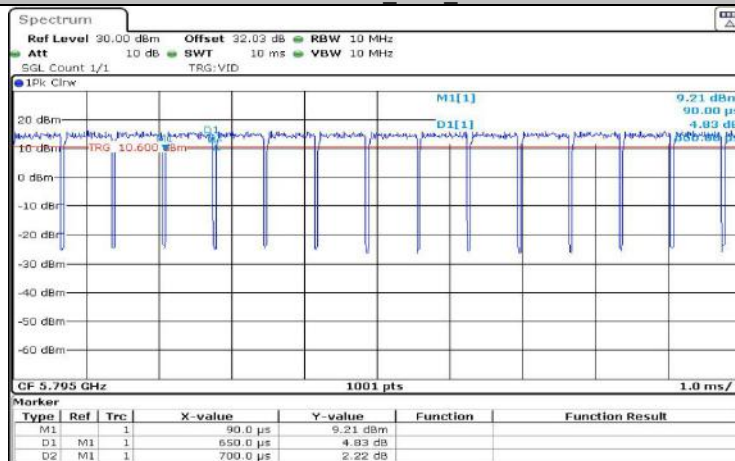
Date: 9.NOV.2022 02:19:37

11AC40SISO_Ant1_5755



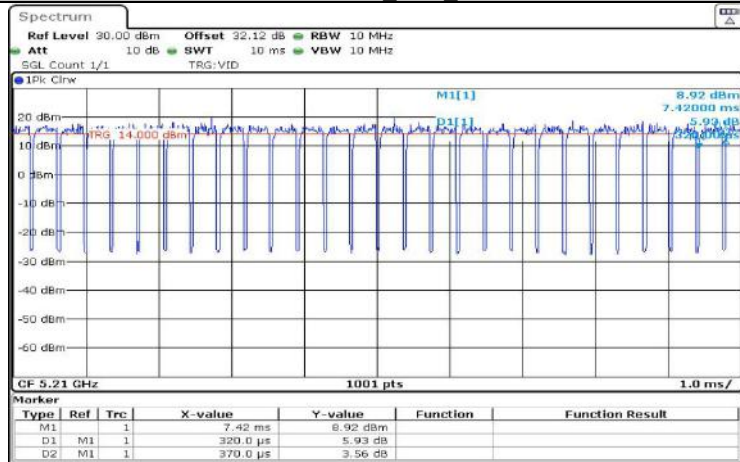
Date: 9.NOV.2022 02:21:22

11AC40SISO_Ant1_5795



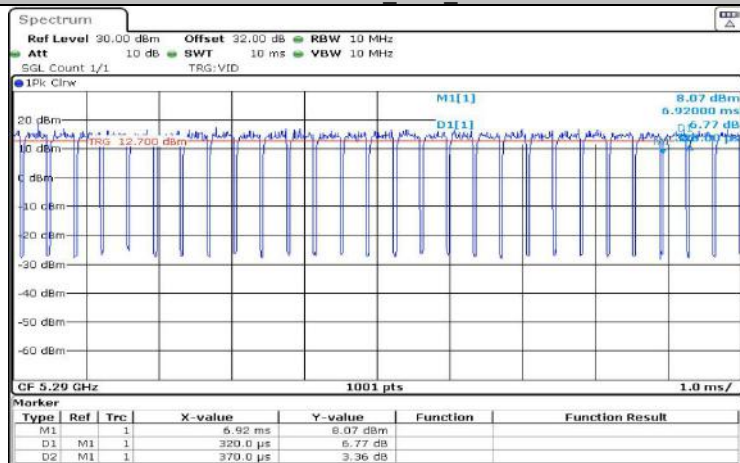
Date: 9.NOV.2022 02:23:13

11AC80SISO_Ant1_5210



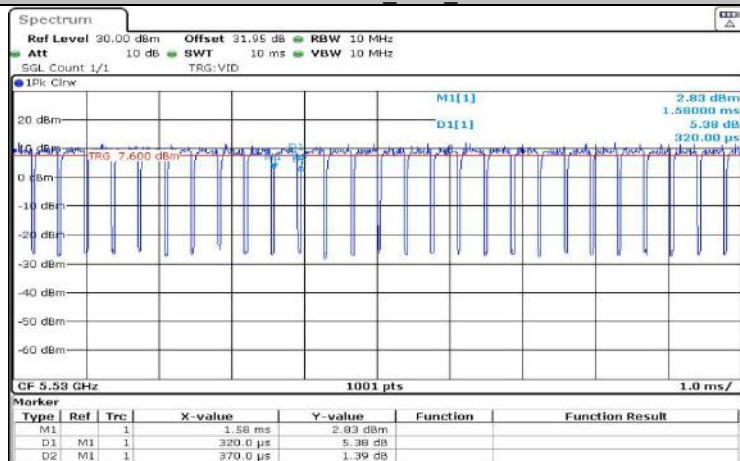
Date: 9.NOV.2022 02:28:46

11AC80SISO_Ant1_5290



Date: 9.NOV.2022 02:28:21

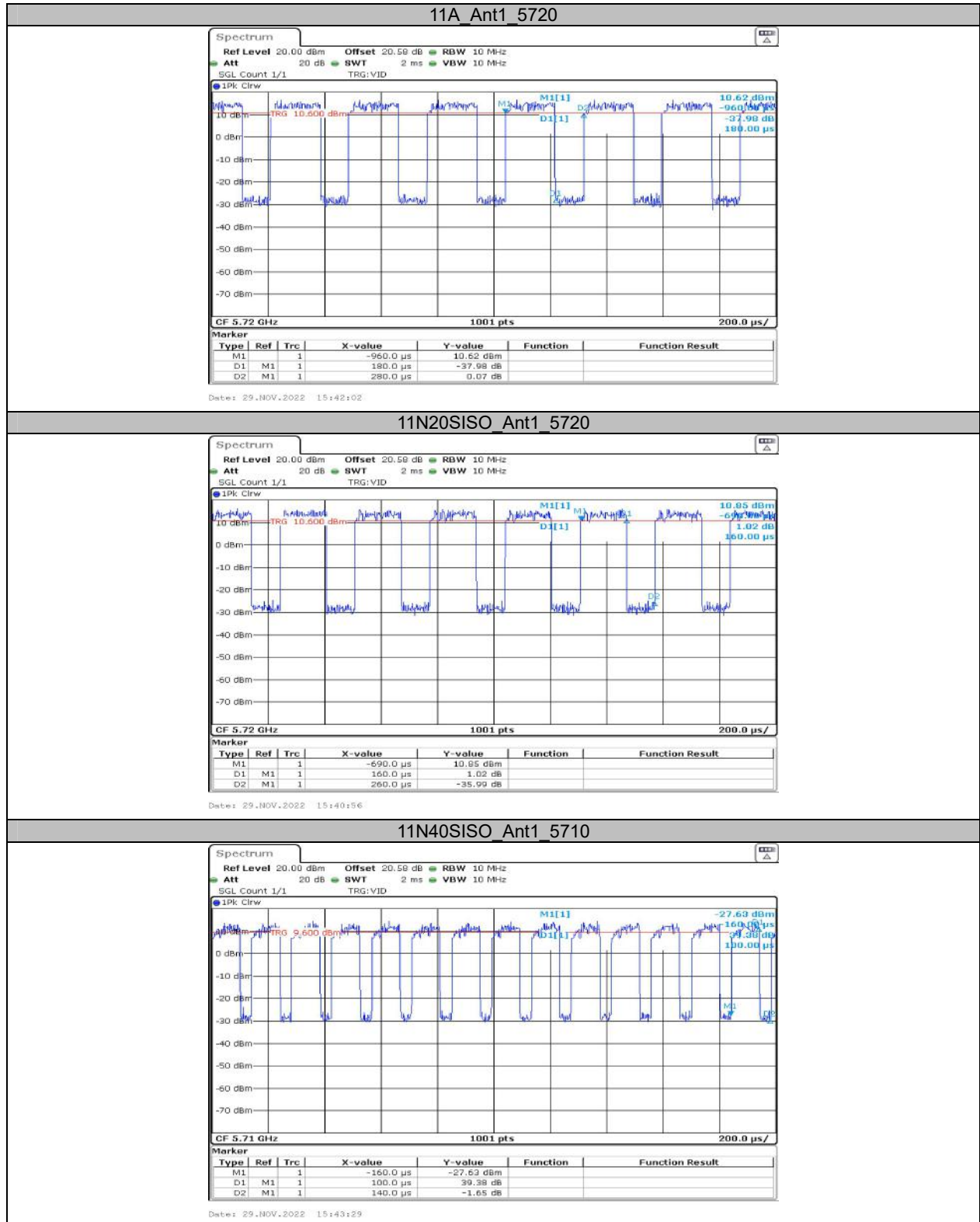
11AC80SISO_Ant1_5530



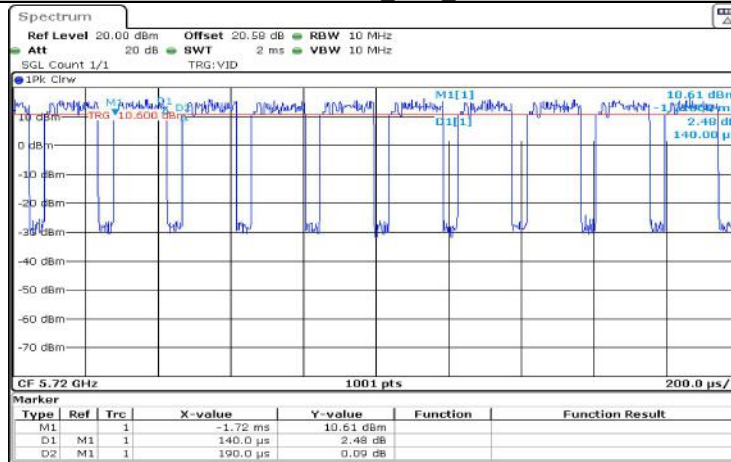
Date: 9.NOV.2022 02:29:58



Test Graphs

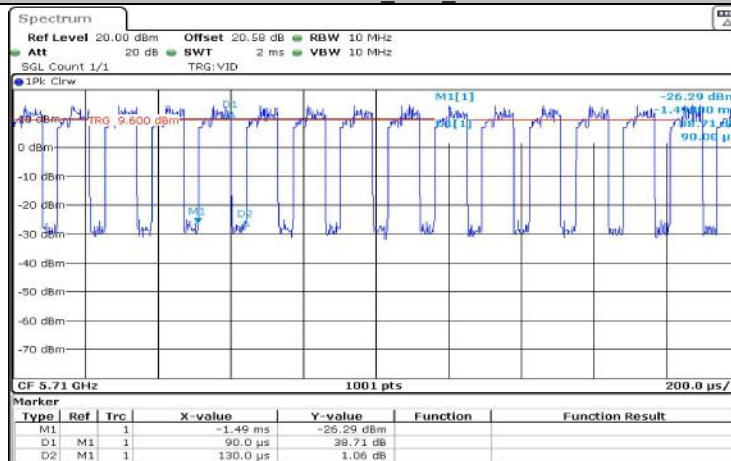


11AC20SISO_Ant1_5720



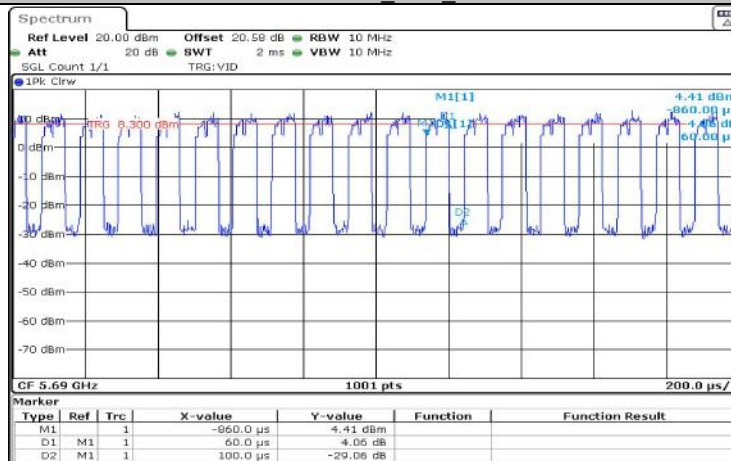
Date: 29.NOV.2022 15:45:53

11AC40SISO_Ant1_5710



Date: 29.NOV.2022 15:48:45

11AC80SISO_Ant1_5690



Date: 29.NOV.2022 15:52:43

Appendix C: Maximum conducted output power Test Result

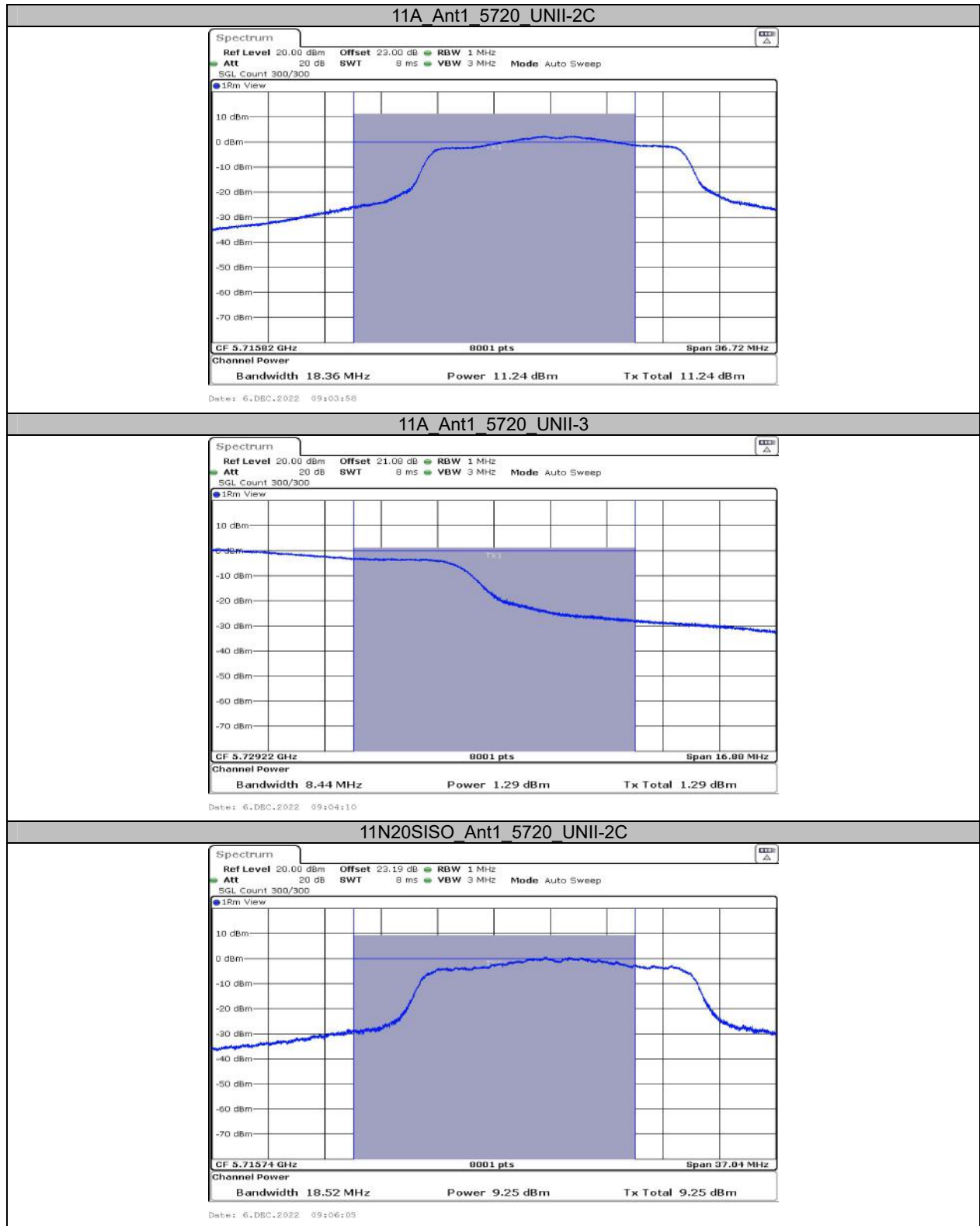
Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.12	≤23.98	PASS
		5200	13.05	≤23.98	PASS
		5240	13.16	≤23.98	PASS
		5260	15.17	≤23.98	PASS
		5280	14.62	≤23.98	PASS
		5320	13.44	≤23.98	PASS
		5500	9.72	≤23.98	PASS
		5580	9.58	≤23.98	PASS
		5700	10.35	≤23.98	PASS
		5720 UNII-2C	11.24	≤23.64	PASS
		5720 UNII-3	1.29	≤30.00	PASS
		5745	11.23	≤30.00	PASS
		5785	11.98	≤30.00	PASS
		5825	12.76	≤30.00	PASS
11N20SISO	Ant1	5180	12.52	≤23.98	PASS
		5200	12.68	≤23.98	PASS
		5240	12.82	≤23.98	PASS
		5260	14.81	≤23.98	PASS
		5280	14.23	≤23.98	PASS
		5320	13.23	≤23.98	PASS
		5500	9.36	≤23.98	PASS
		5580	9.09	≤23.98	PASS
		5700	9.98	≤23.98	PASS
		5720 UNII-2C	9.25	≤23.68	PASS
		5720 UNII-3	-0.24	≤30.00	PASS
		5745	10.91	≤30.00	PASS
		5785	11.67	≤30.00	PASS
		5825	12.45	≤30.00	PASS
11N40SISO	Ant1	5190	12.85	≤23.98	PASS
		5230	13.34	≤23.98	PASS
		5270	14.83	≤23.98	PASS
		5310	13.90	≤23.98	PASS
		5510	9.47	≤23.98	PASS
		5550	9.59	≤23.98	PASS
		5670	10.58	≤23.98	PASS
		5720 UNII-2C	10.04	≤23.98	PASS
		5720 UNII-3	-2.43	≤30.00	PASS
		5755	11.69	≤30.00	PASS
11AC20SISO	Ant1	5795	12.04	≤30.00	PASS
		5180	12.63	≤23.98	PASS
		5200	12.77	≤23.98	PASS
		5240	12.87	≤23.98	PASS
		5260	14.84	≤23.98	PASS
		5280	14.25	≤23.98	PASS
		5320	13.03	≤23.98	PASS
		5500	9.42	≤23.98	PASS
		5580	9.42	≤23.98	PASS
		5700	10.10	≤23.98	PASS
		5720 UNII-2C	10.17	≤22.90	PASS
		5720 UNII-3	1.52	≤30.00	PASS
		5745	11.19	≤30.00	PASS
		5785	11.81	≤30.00	PASS
		5825	12.62	≤30.00	PASS

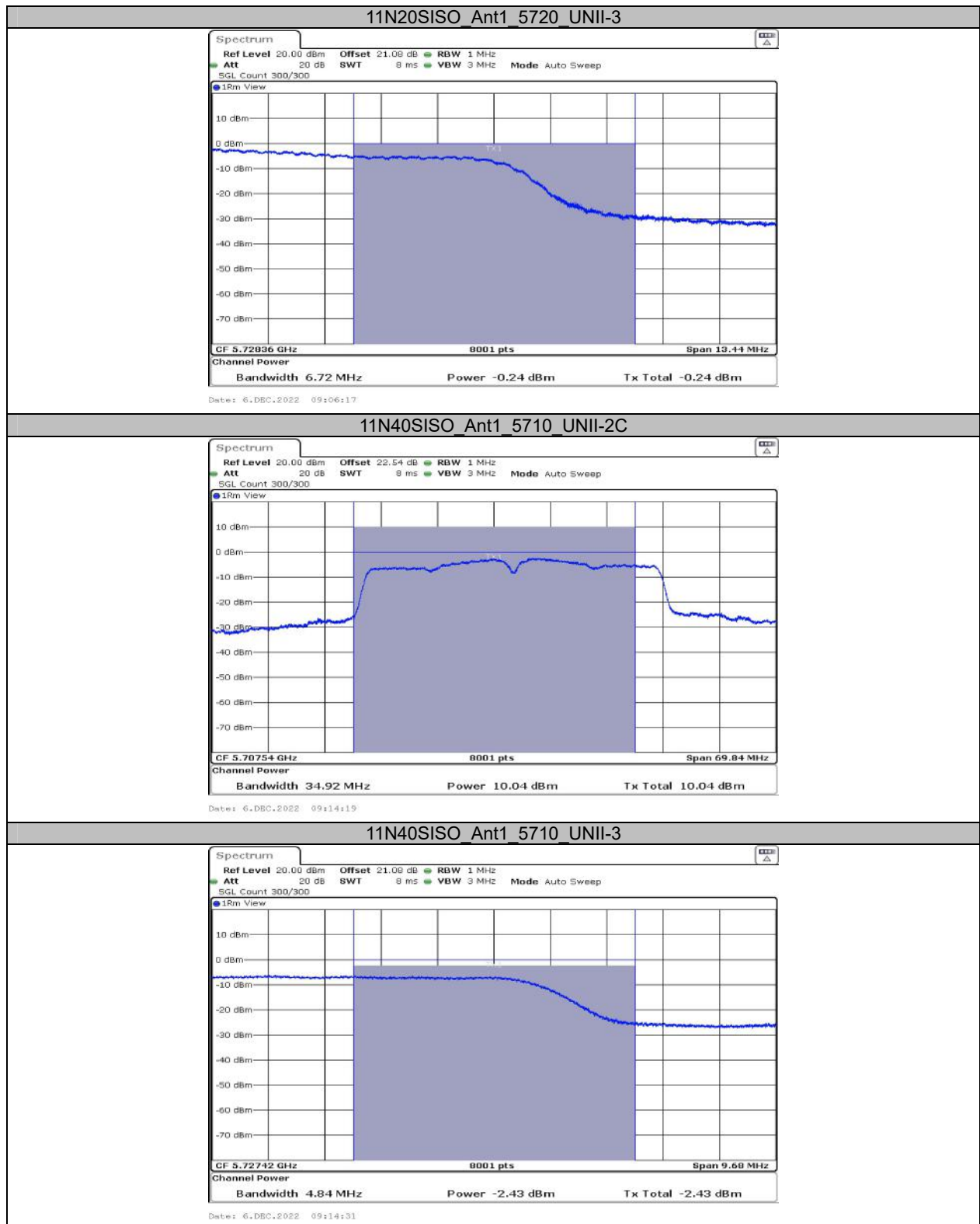
11AC40SISO	Ant1	5190	12.73	≤ 23.98	PASS
		5230	13.20	≤ 23.98	PASS
		5270	14.64	≤ 23.98	PASS
		5310	13.70	≤ 23.98	PASS
		5510	9.32	≤ 23.98	PASS
		5550	9.53	≤ 23.98	PASS
		5670	10.55	≤ 23.98	PASS
		5710 UNII-2C	9.95	≤ 23.98	PASS
		5710 UNII-3	-2.61	≤ 30.00	PASS
		5755	11.48	≤ 30.00	PASS
		5795	11.92	≤ 30.00	PASS
11AC80SISO	Ant1	5210	14.67	≤ 23.98	PASS
		5290	13.84	≤ 23.98	PASS
		5530	8.66	≤ 23.98	PASS
		5610	8.95	≤ 23.98	PASS
		5690 UNII-2C	10.03	≤ 23.98	PASS
		5690 UNII-3	-6.19	≤ 30.00	PASS
		5775	11.53	≤ 30.00	PASS

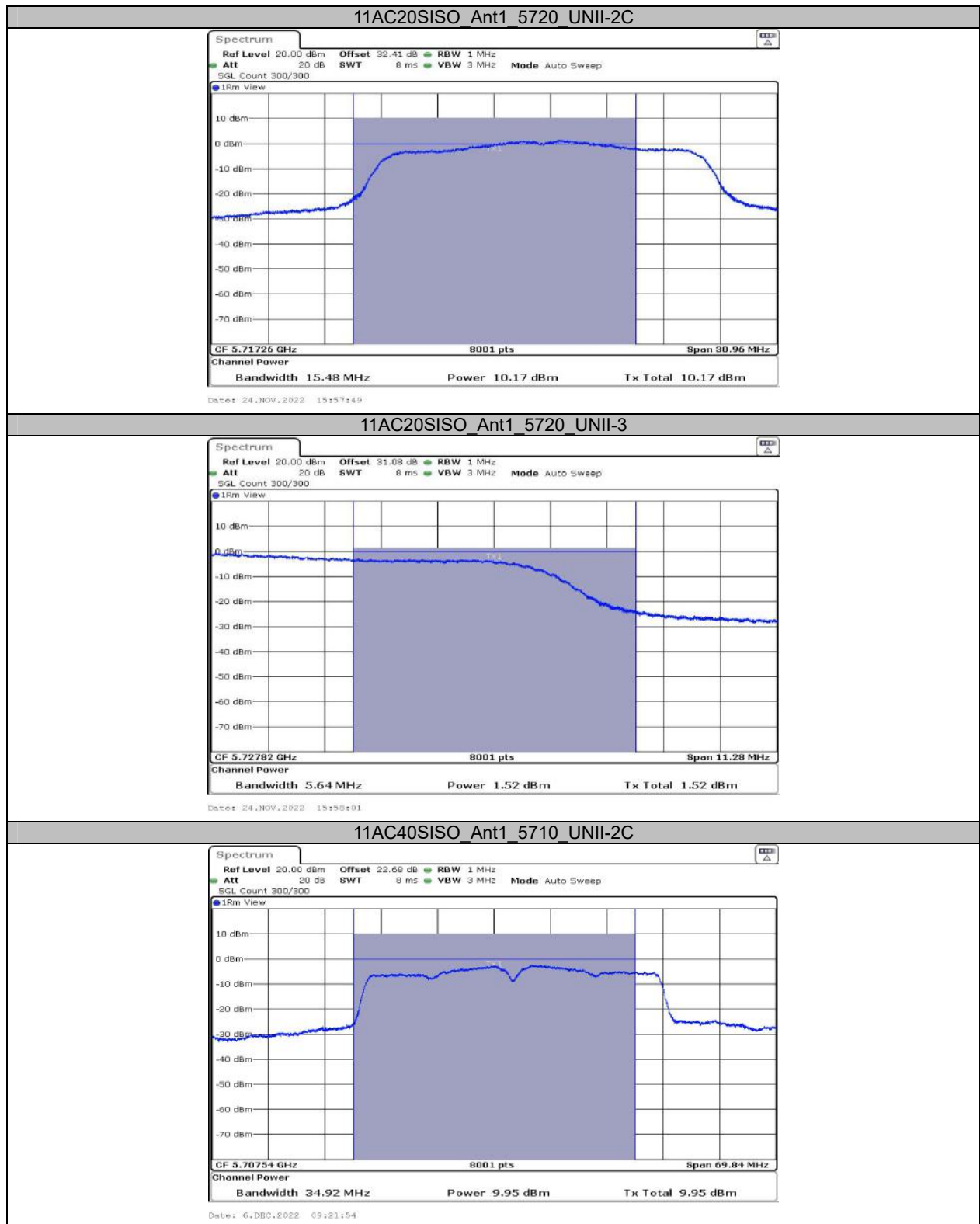
Note1: For cross band power test, used Spectrum Analyzer to test, other's for power meter to test.

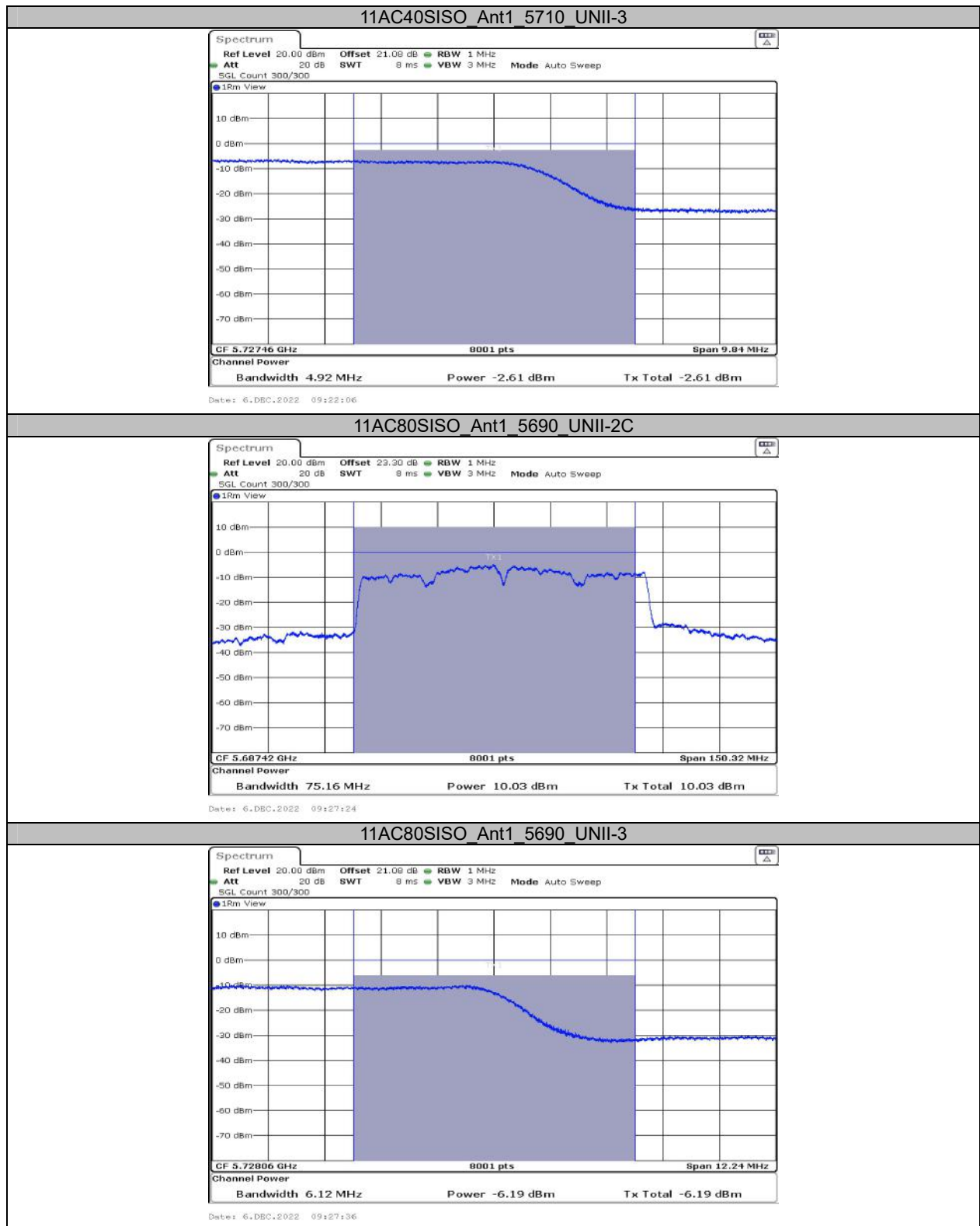
Note2: The duty cycle factor has added into result.

Test Graphs









Appendix D: Maximum power spectral density Test Result

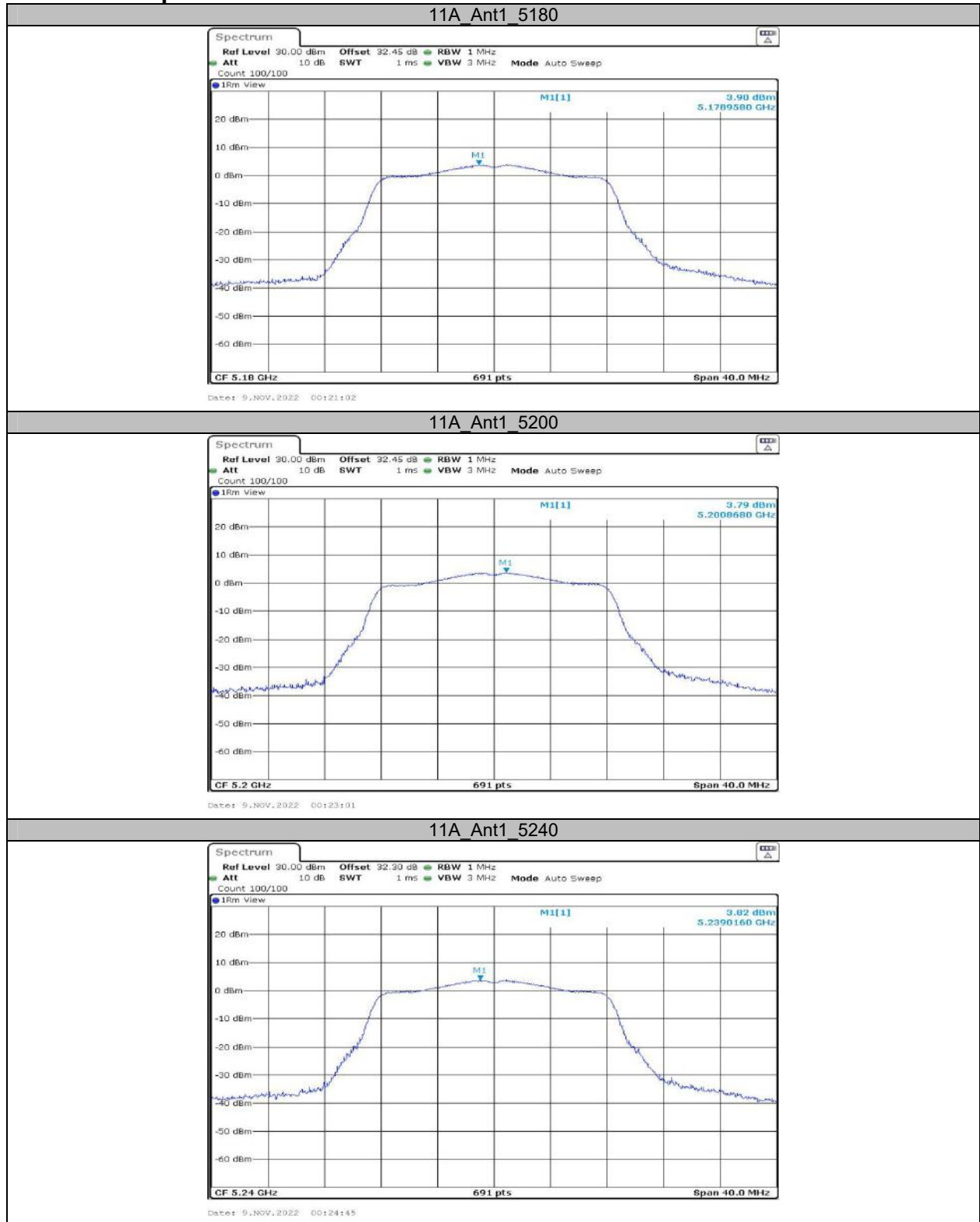
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.9	≤11.00	PASS
		5200	3.79	≤11.00	PASS
		5240	3.82	≤11.00	PASS
		5260	6.21	≤11.00	PASS
		5280	5.33	≤11.00	PASS
		5320	4.2	≤11.00	PASS
		5500	0.5	≤11.00	PASS
		5580	0.48	≤11.00	PASS
		5700	1.1	≤11.00	PASS
		5720_UNII-2C	1.05	≤11.00	PASS
		5720_UNII-3	-5.52	≤30.00	PASS
		5745	-0.76	≤30.00	PASS
		5785	0.06	≤30.00	PASS
		5825	0.9	≤30.00	PASS
11N20SISO	Ant1	5180	3.3	≤11.00	PASS
		5200	3.26	≤11.00	PASS
		5240	3.52	≤11.00	PASS
		5260	5.59	≤11.00	PASS
		5280	4.92	≤11.00	PASS
		5320	3.81	≤11.00	PASS
		5500	0.07	≤11.00	PASS
		5580	-0.26	≤11.00	PASS
		5700	0.57	≤11.00	PASS
		5720_UNII-2C	0.95	≤11.00	PASS
		5720_UNII-3	-5.83	≤30.00	PASS
		5745	-1.37	≤30.00	PASS
		5785	-0.52	≤30.00	PASS
		5825	0.38	≤30.00	PASS
11N40SISO	Ant1	5190	0.27	≤11.00	PASS
		5230	1.25	≤11.00	PASS
		5270	2.56	≤11.00	PASS
		5310	1.6	≤11.00	PASS
		5510	-2.91	≤11.00	PASS
		5550	-2.67	≤11.00	PASS
		5670	-1.69	≤11.00	PASS
		5710_UNII-2C	-1.93	≤11.00	PASS
		5710_UNII-3	-8.1	≤30.00	PASS
		5755	-3.56	≤30.00	PASS
		5795	-3.14	≤30.00	PASS
11AC20SISO	Ant1	5180	3.2	≤11.00	PASS

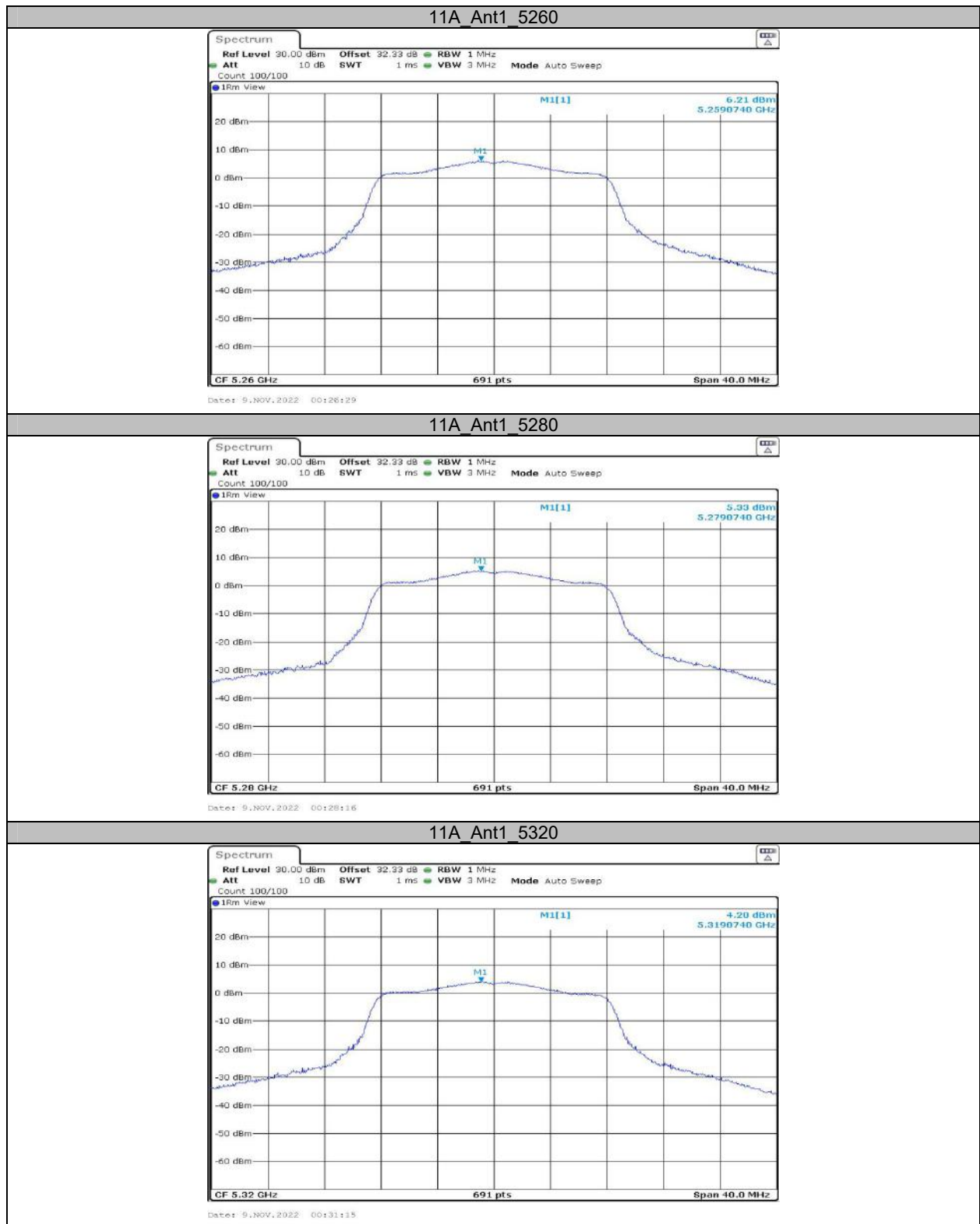
		5200	3.21	≤11.00	PASS
		5240	3.28	≤11.00	PASS
		5260	5.16	≤11.00	PASS
		5280	4.71	≤11.00	PASS
		5320	3.52	≤11.00	PASS
		5500	-0.17	≤11.00	PASS
		5580	-0.03	≤11.00	PASS
		5700	0.34	≤11.00	PASS
		5720_UNII-2C	1.4	≤11.00	PASS
		5720_UNII-3	-4.7	≤30.00	PASS
		5745	-1.19	≤30.00	PASS
		5785	-0.6	≤30.00	PASS
		5825	0.34	≤30.00	PASS
11AC40SISO	Ant1	5190	0.36	≤11.00	PASS
		5230	1.13	≤11.00	PASS
		5270	2.55	≤11.00	PASS
		5310	1.36	≤11.00	PASS
		5510	-3.09	≤11.00	PASS
		5550	-2.87	≤11.00	PASS
		5670	-1.69	≤11.00	PASS
		5710_UNII-2C	-1.74	≤11.00	PASS
		5710_UNII-3	-6.64	≤30.00	PASS
		5755	-3.79	≤30.00	PASS
		5795	-3.55	≤30.00	PASS
11AC80SISO	Ant1	5210	-0.03	≤11.00	PASS
		5290	-0.66	≤11.00	PASS
		5530	-6.33	≤11.00	PASS
		5610	-5.99	≤11.00	PASS
		5690_UNII-2C	-5.27	≤11.00	PASS
		5690_UNII-3	-9.64	≤30.00	PASS
		5775	-6.41	≤30.00	PASS

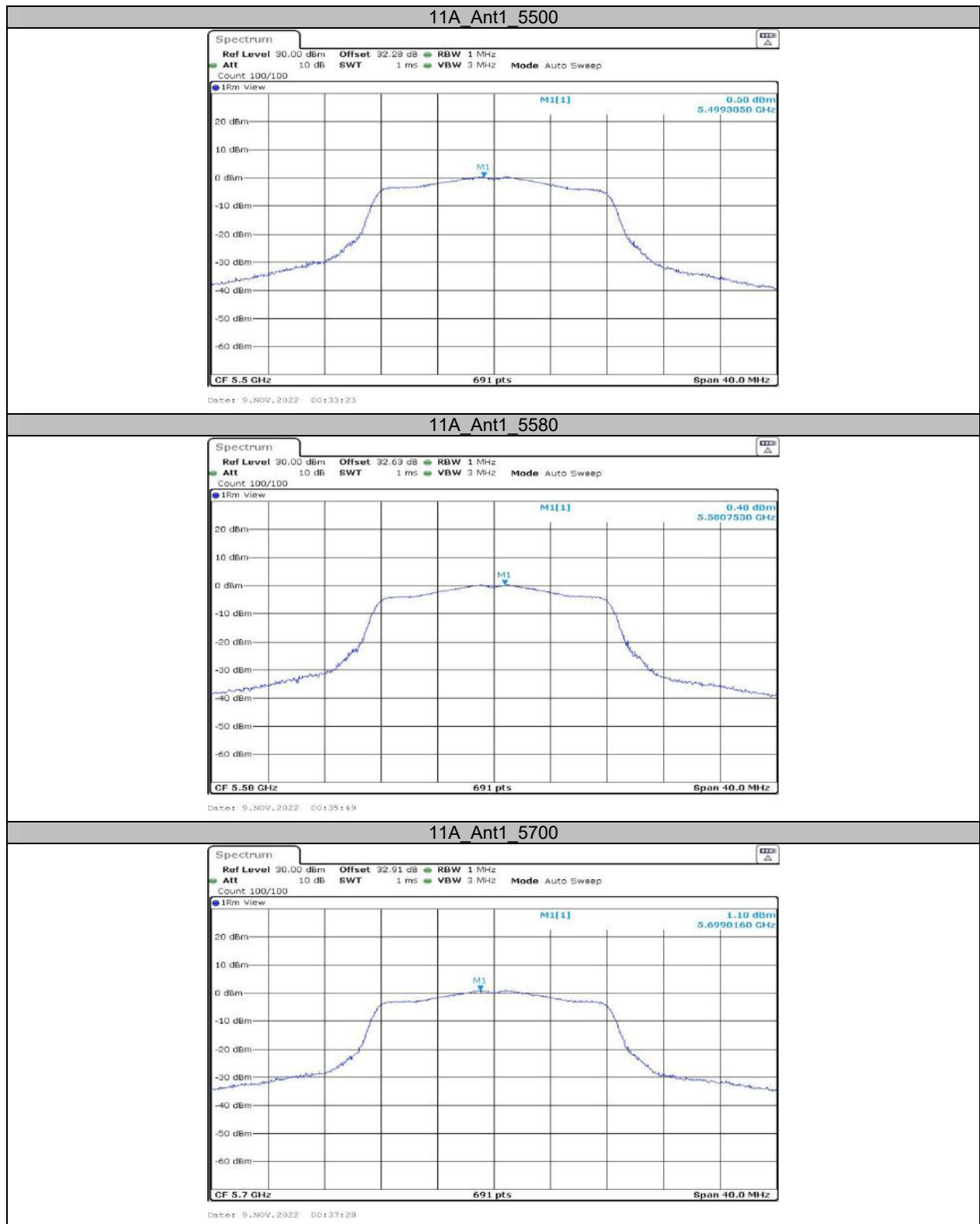
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

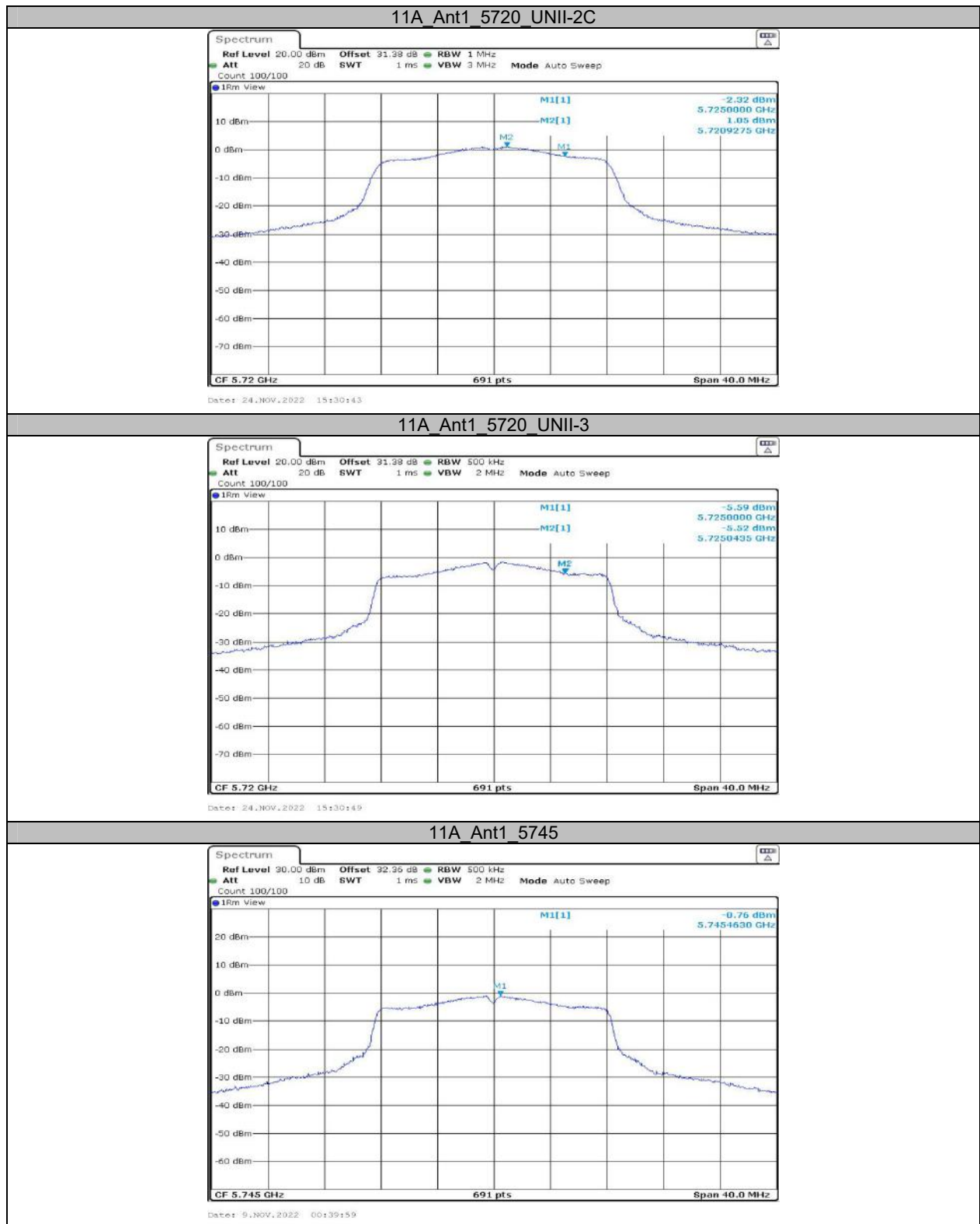
2.The Duty Cycle Factor is compensated in the graph.

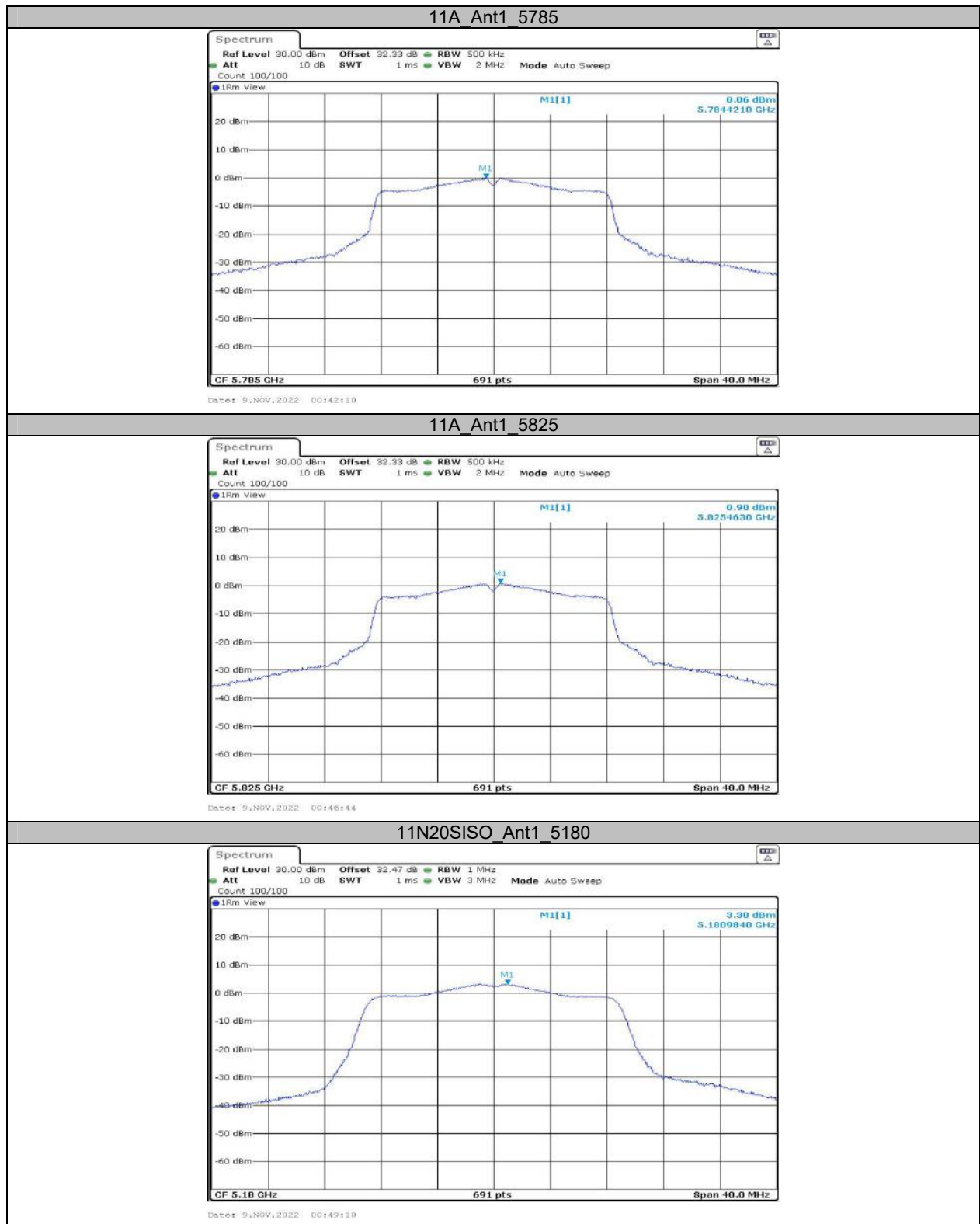
Test Graphs

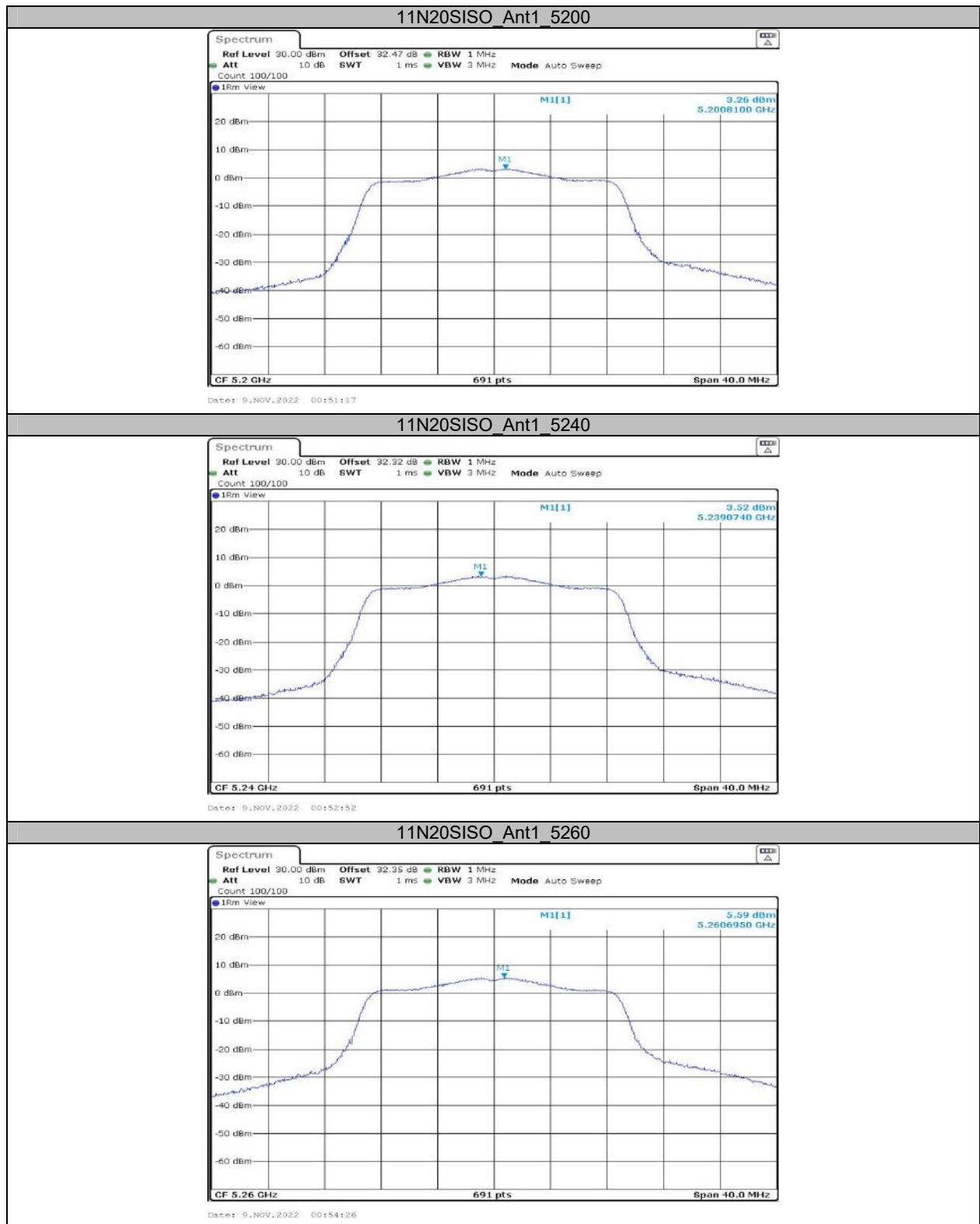


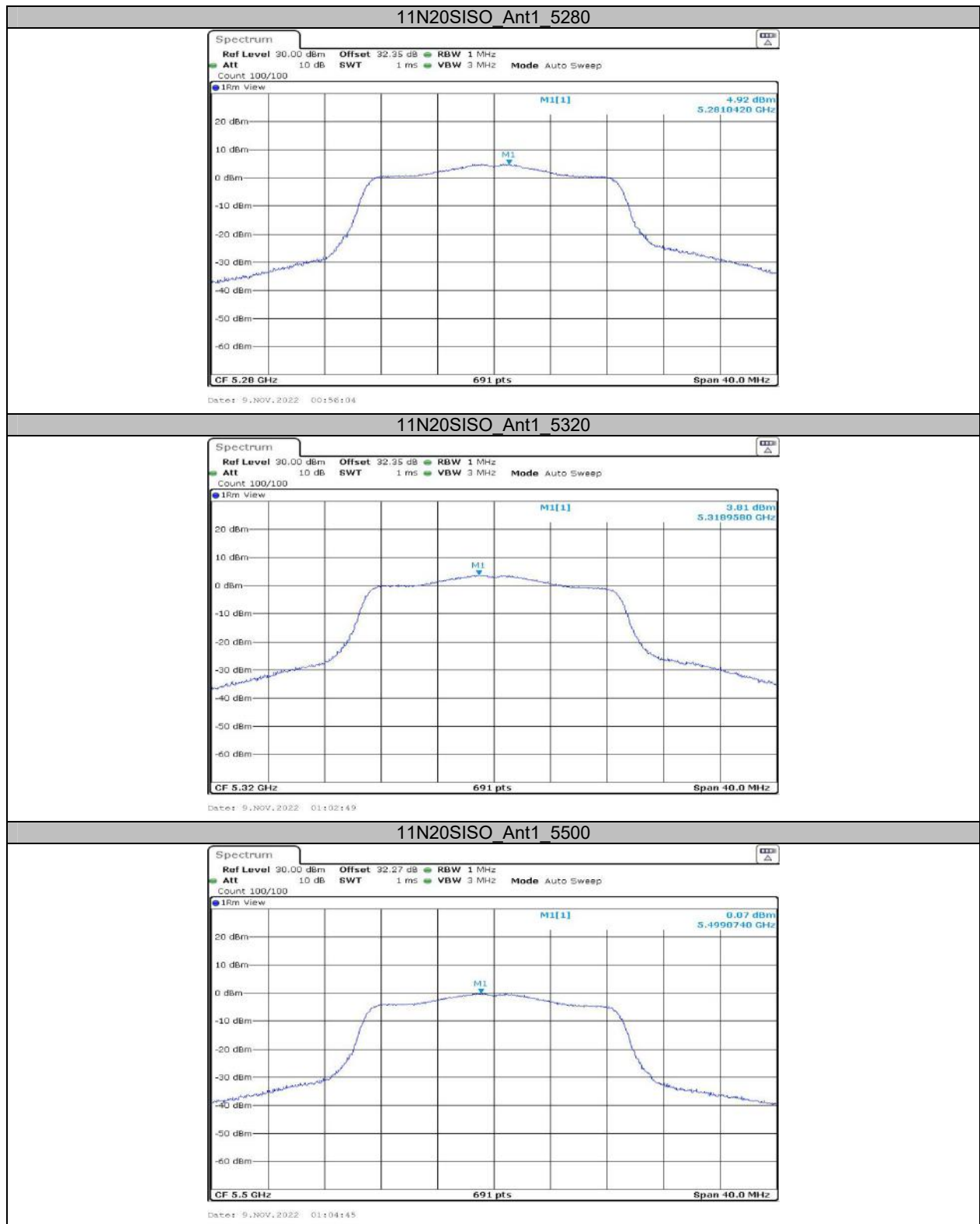


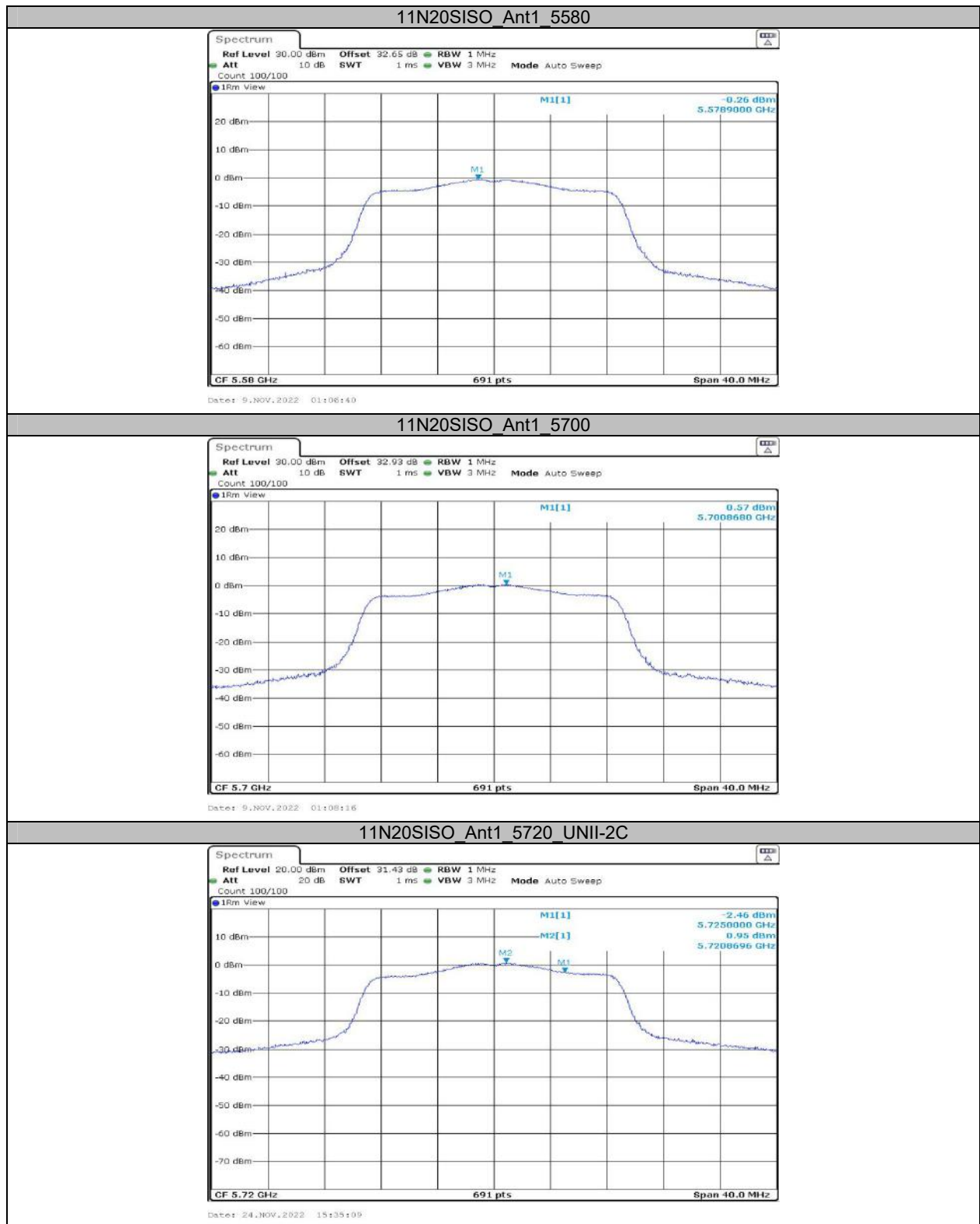


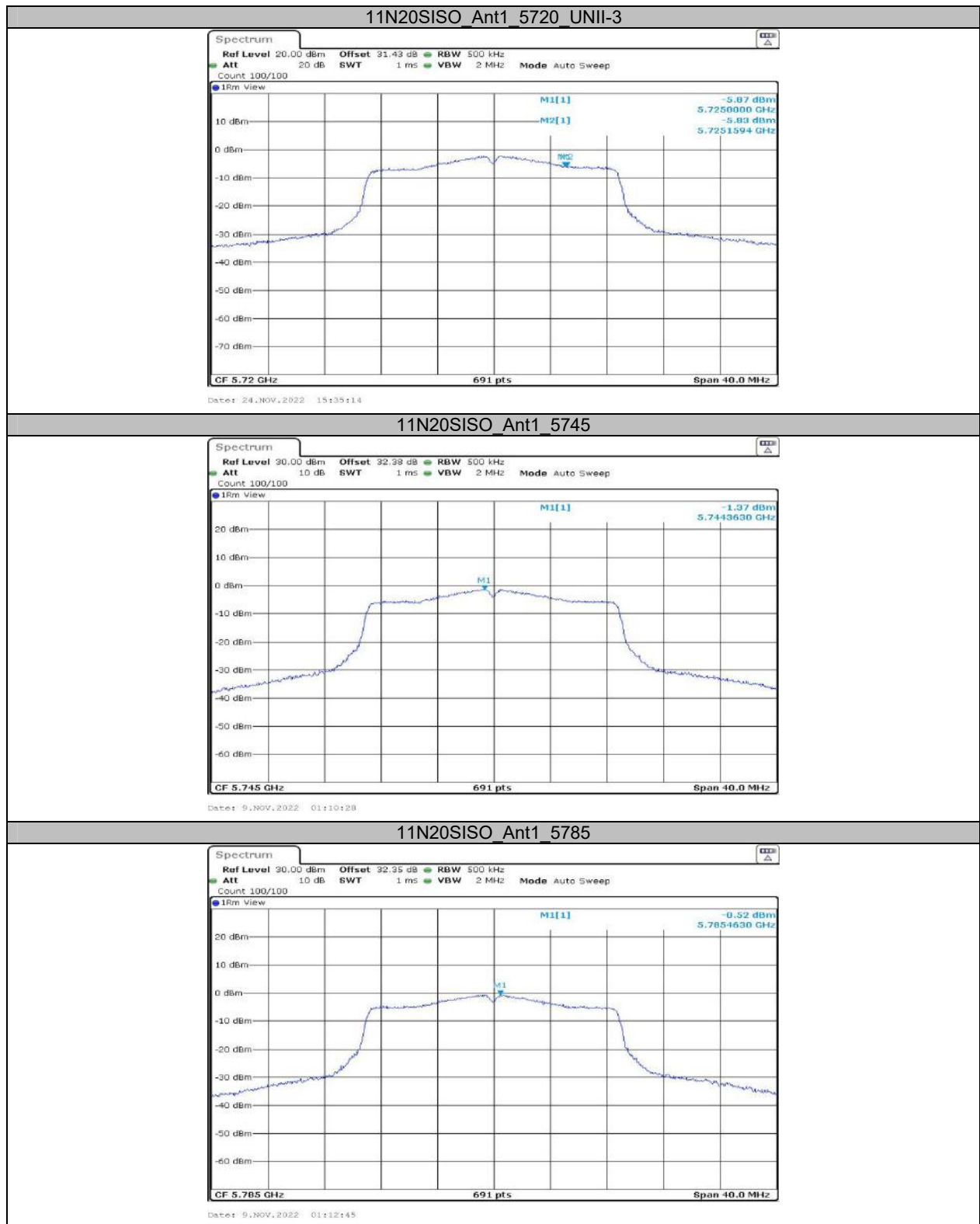












11N20SISO_Ant1_5825

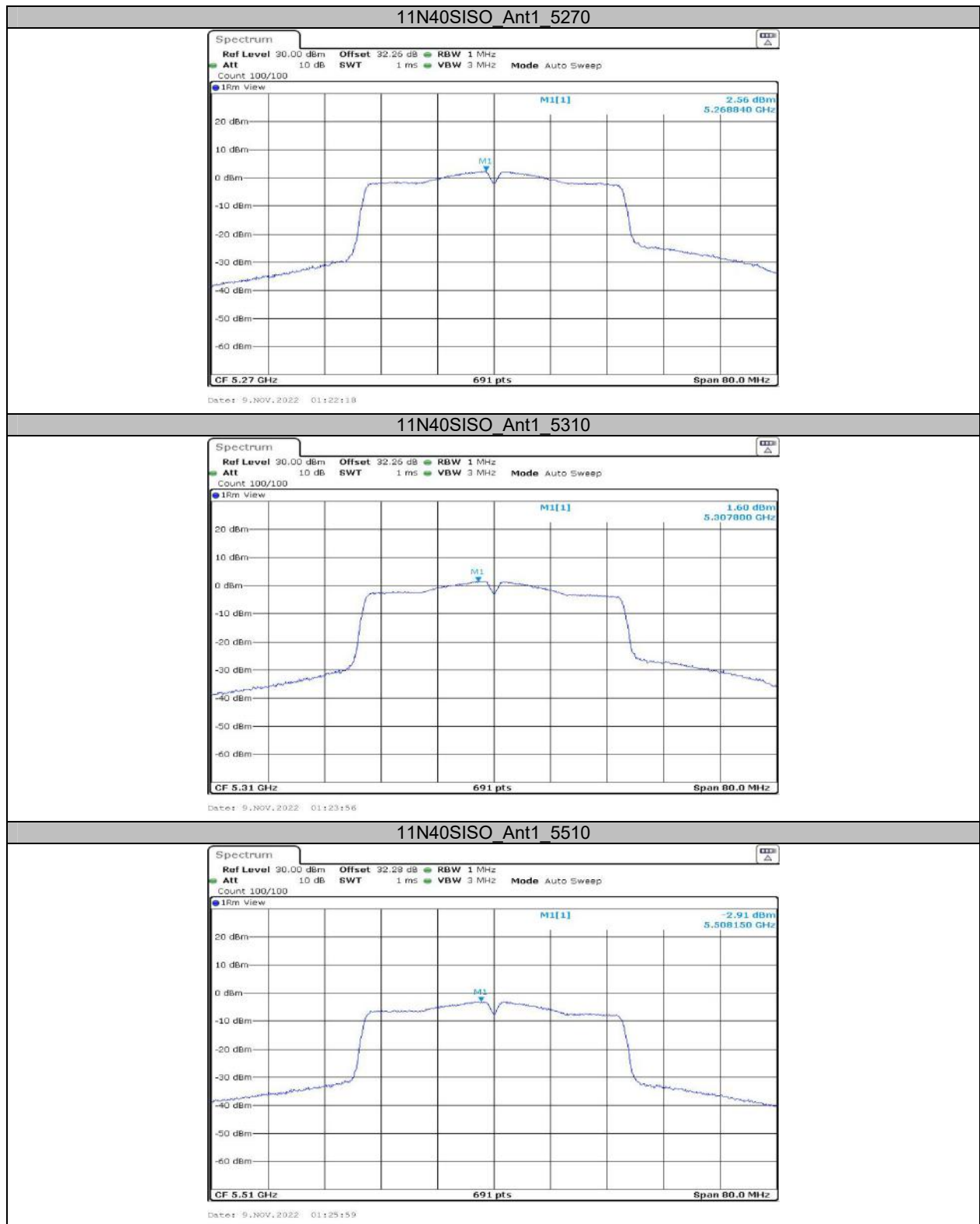


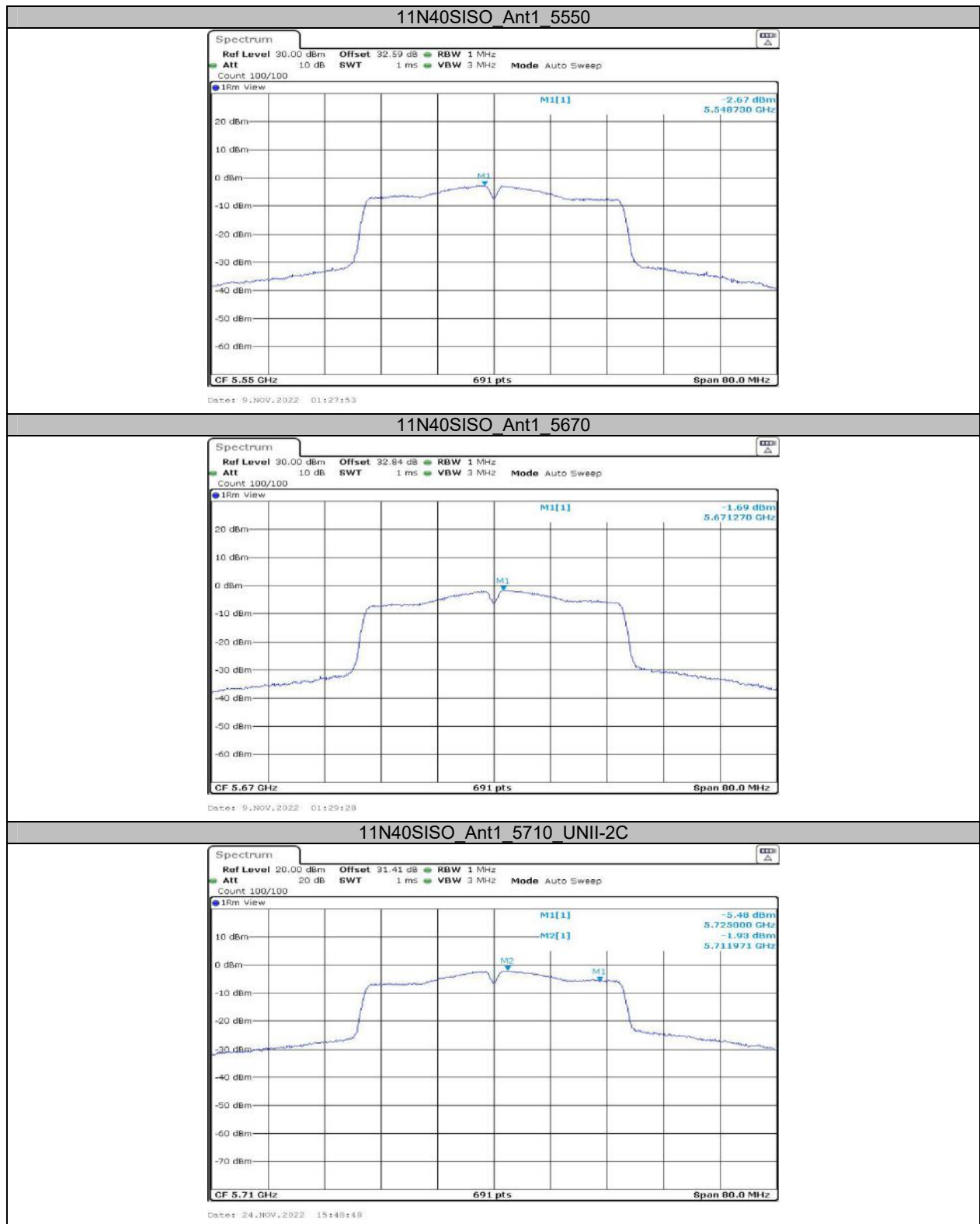
11N40SISO_Ant1_5190

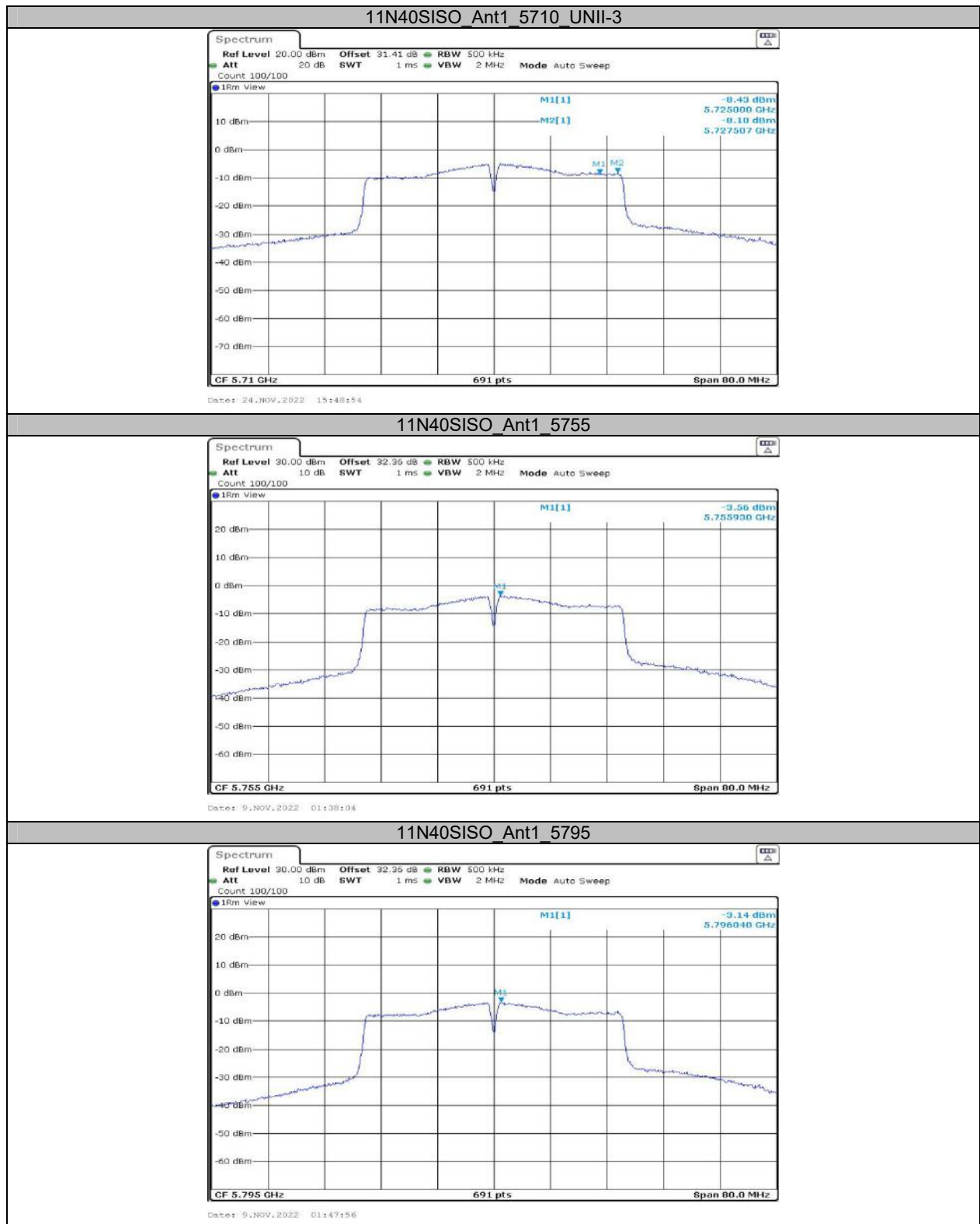


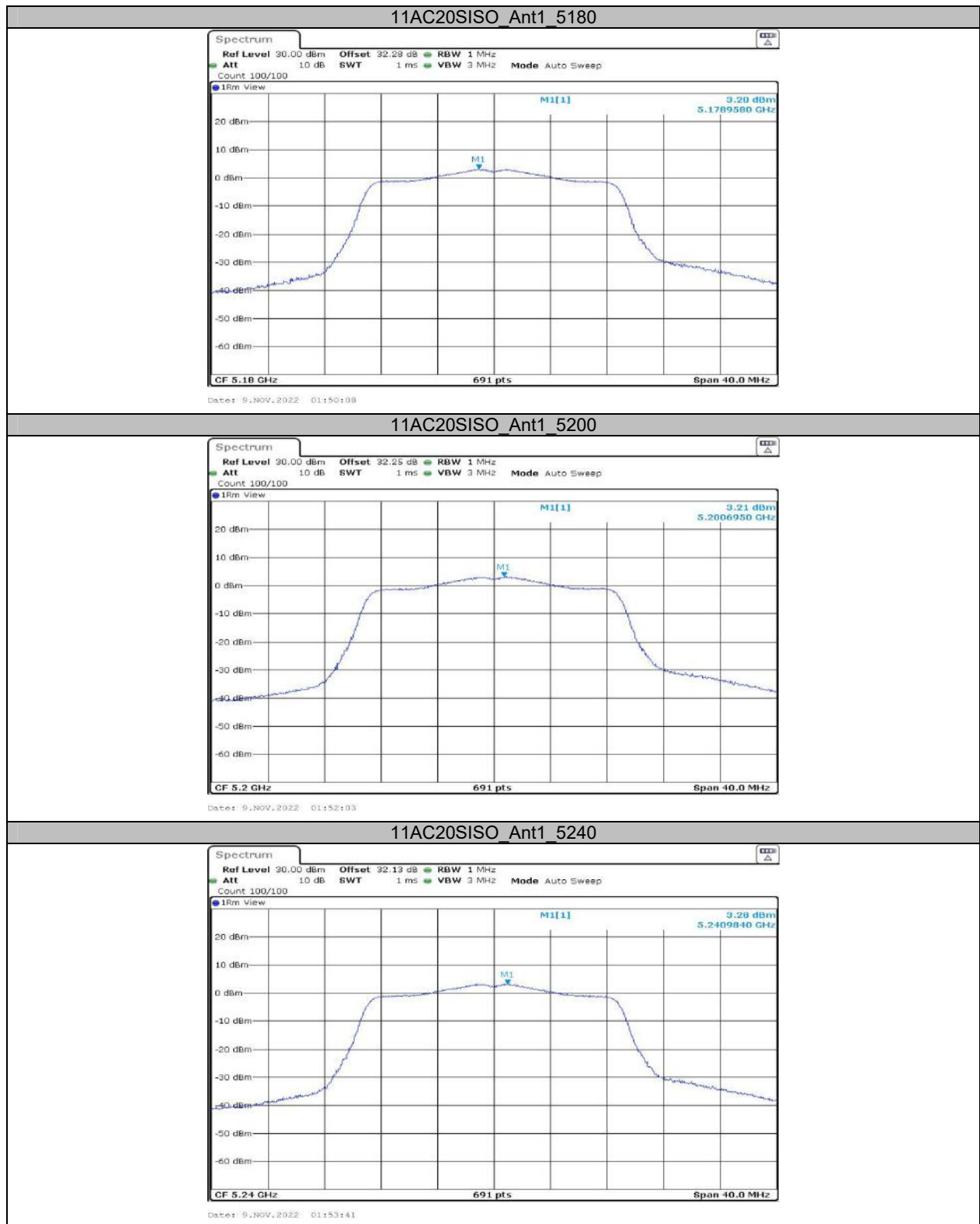
11N40SISO_Ant1_5230











11AC20SISO_Ant1_5260

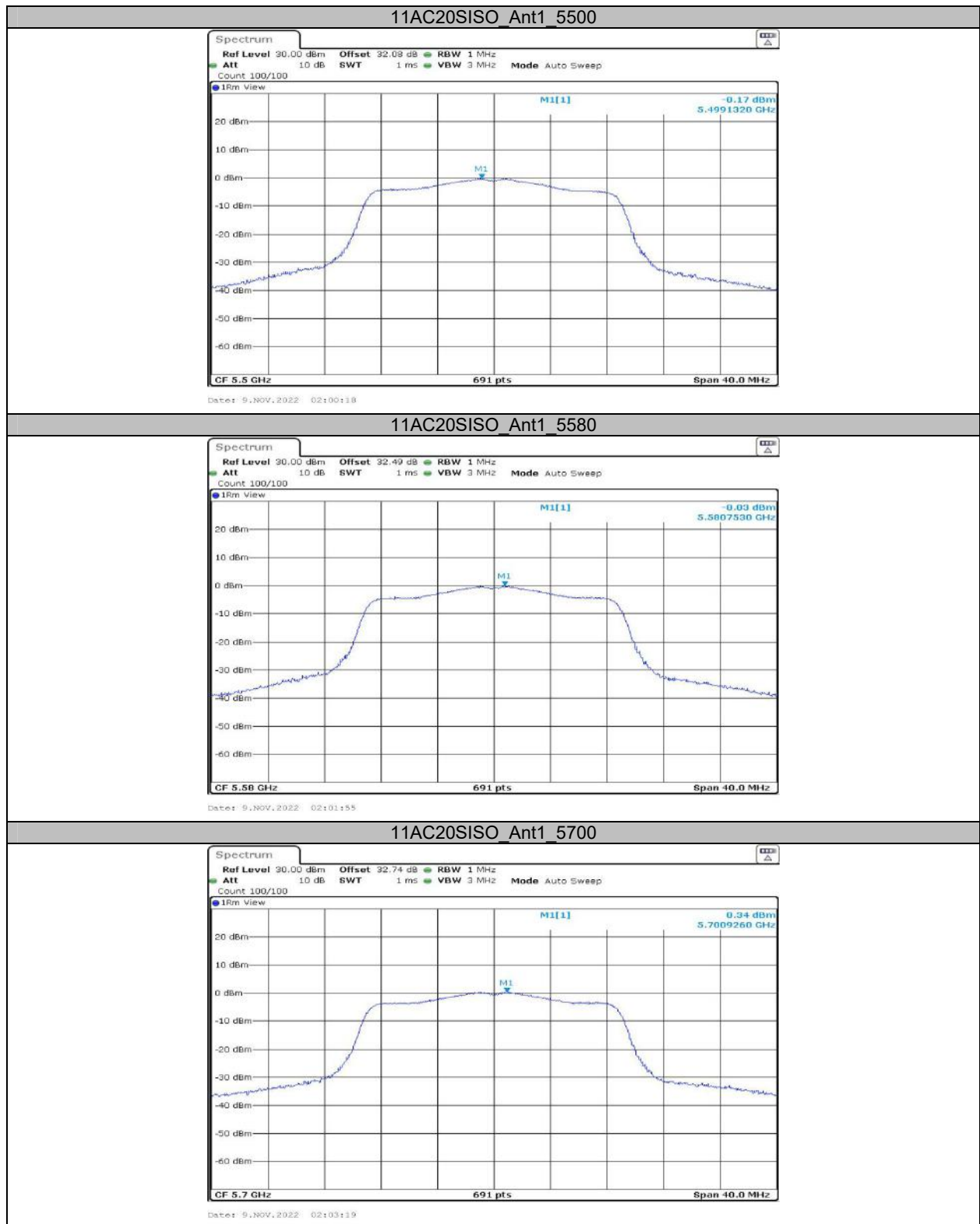


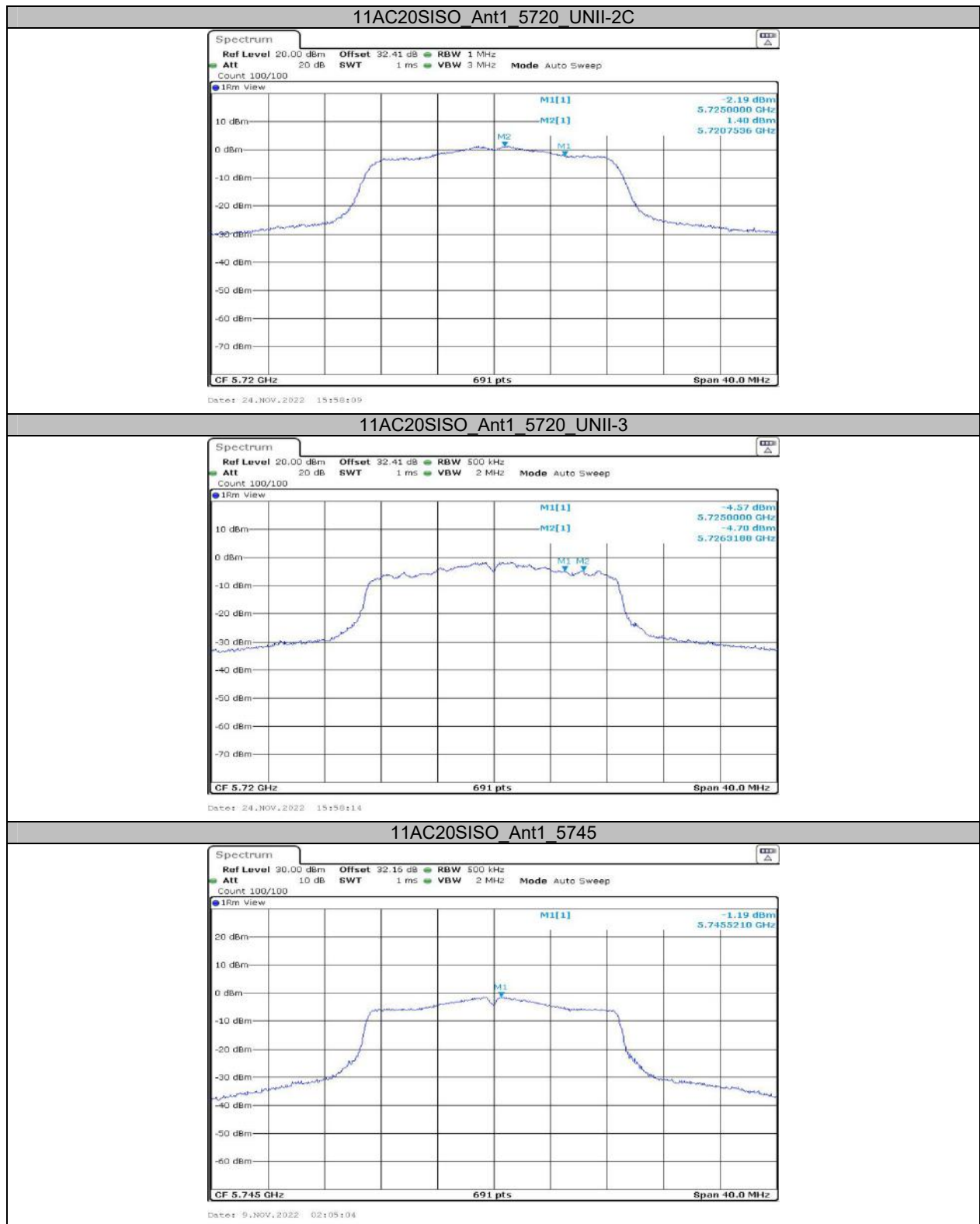
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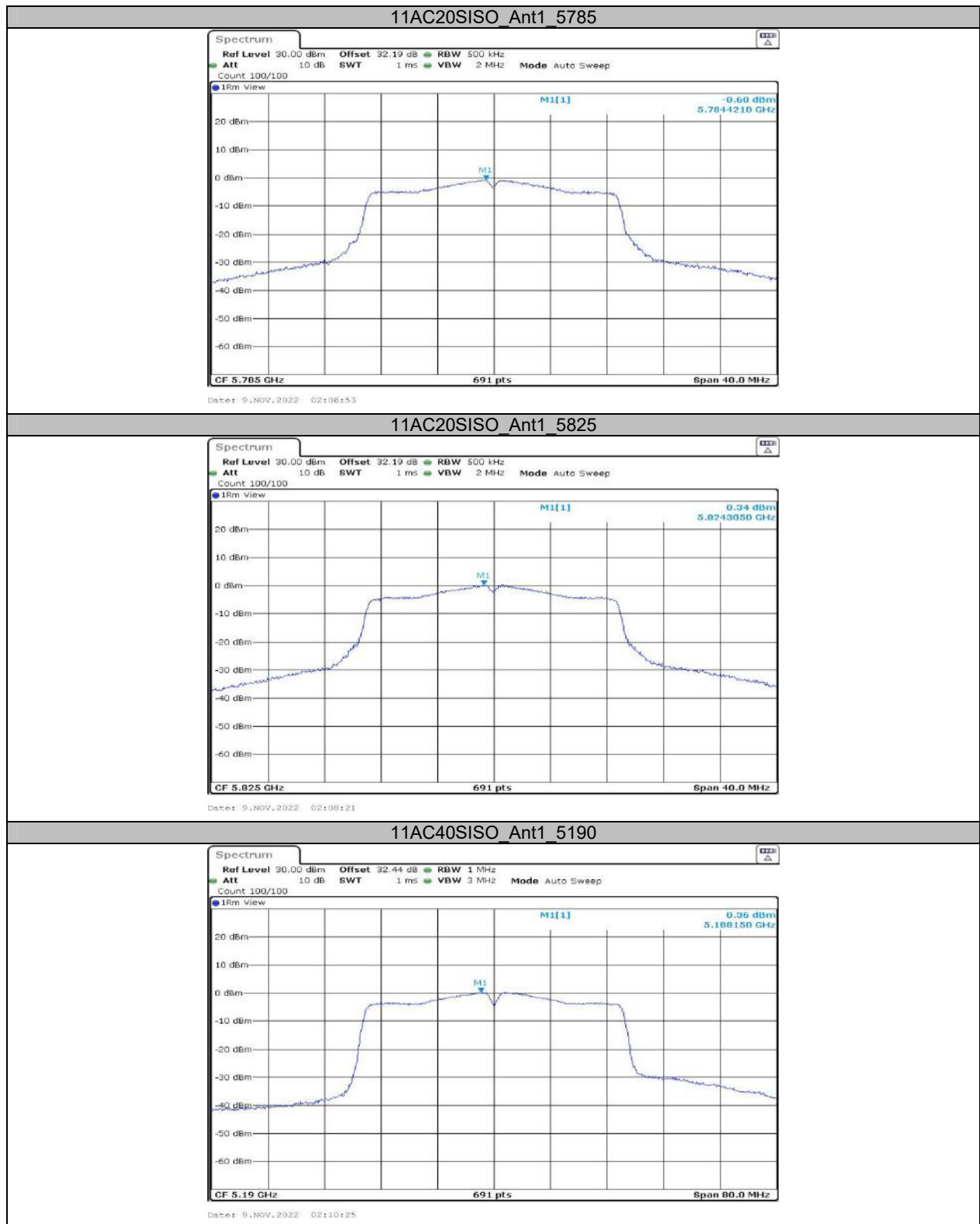


11AC20SISO_Ant1_5320









11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5550



11AC40SISO_Ant1_5670





11AC40SISO_Ant1_5795

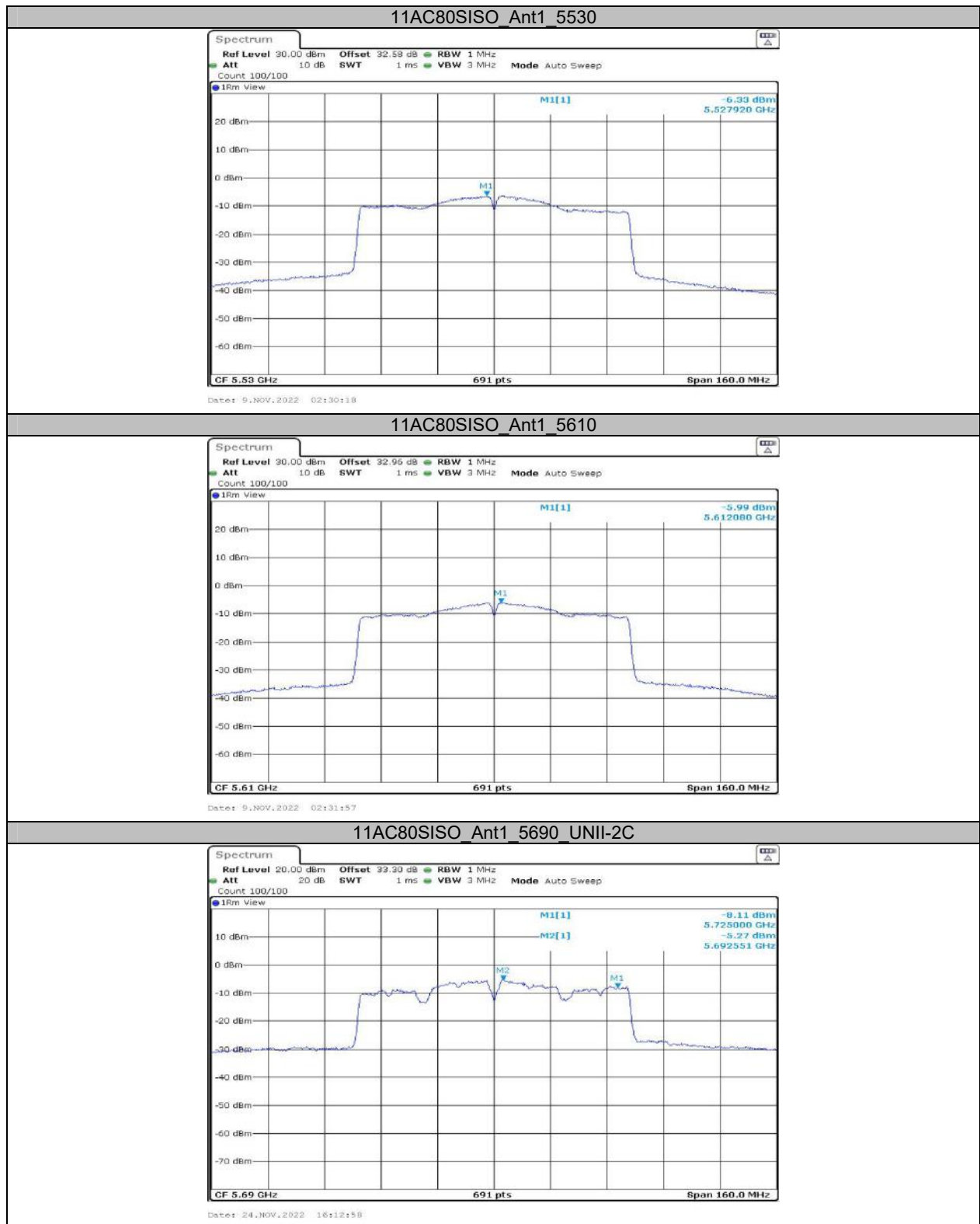


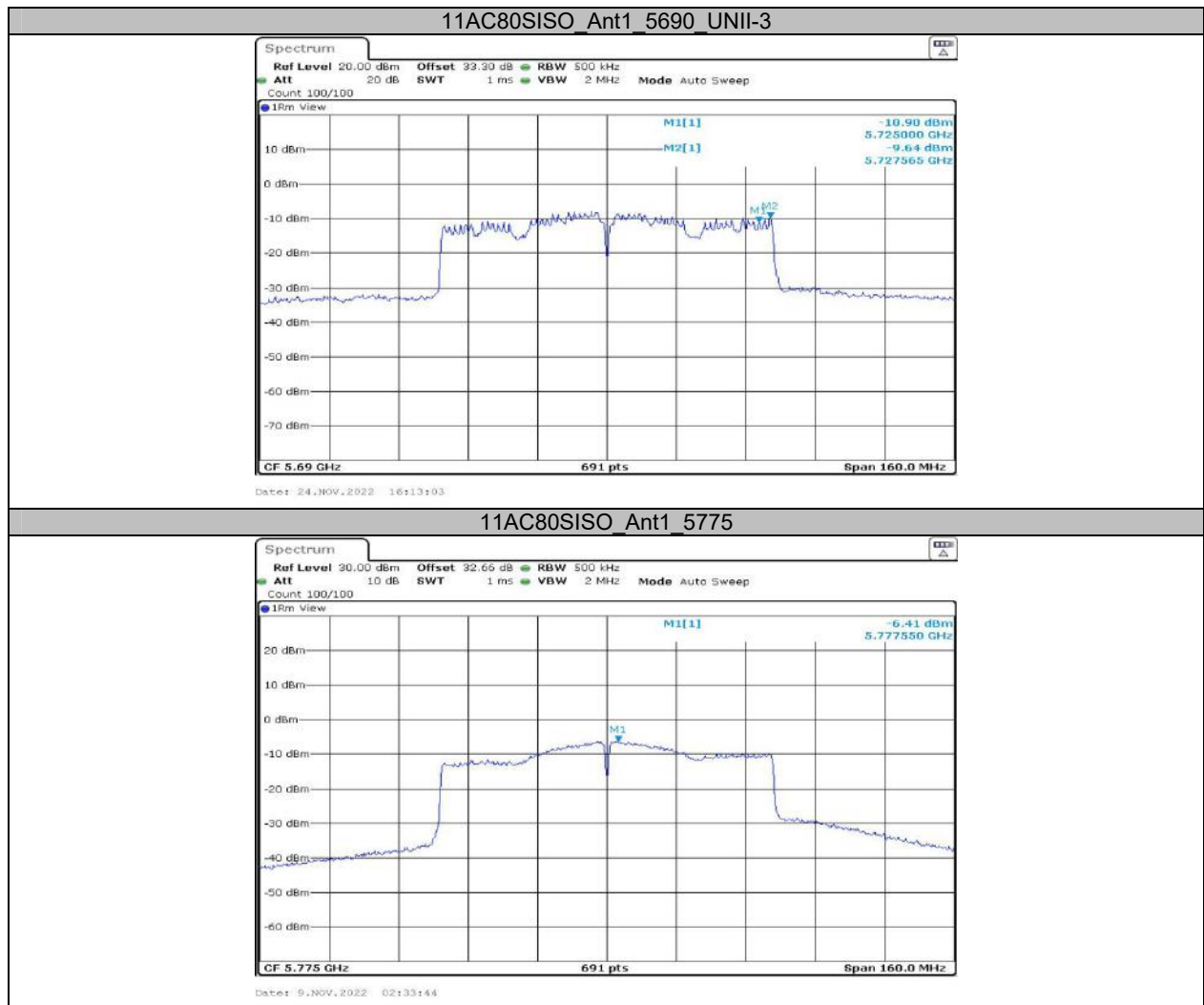
11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290







***** END OF REPORT *****