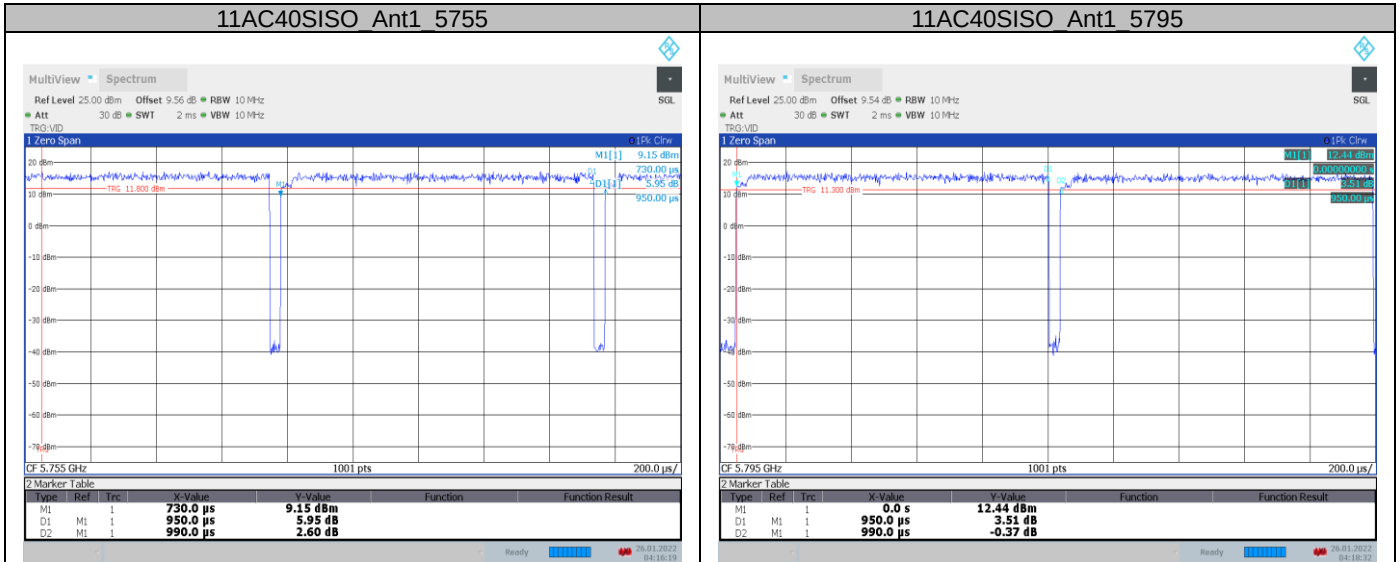
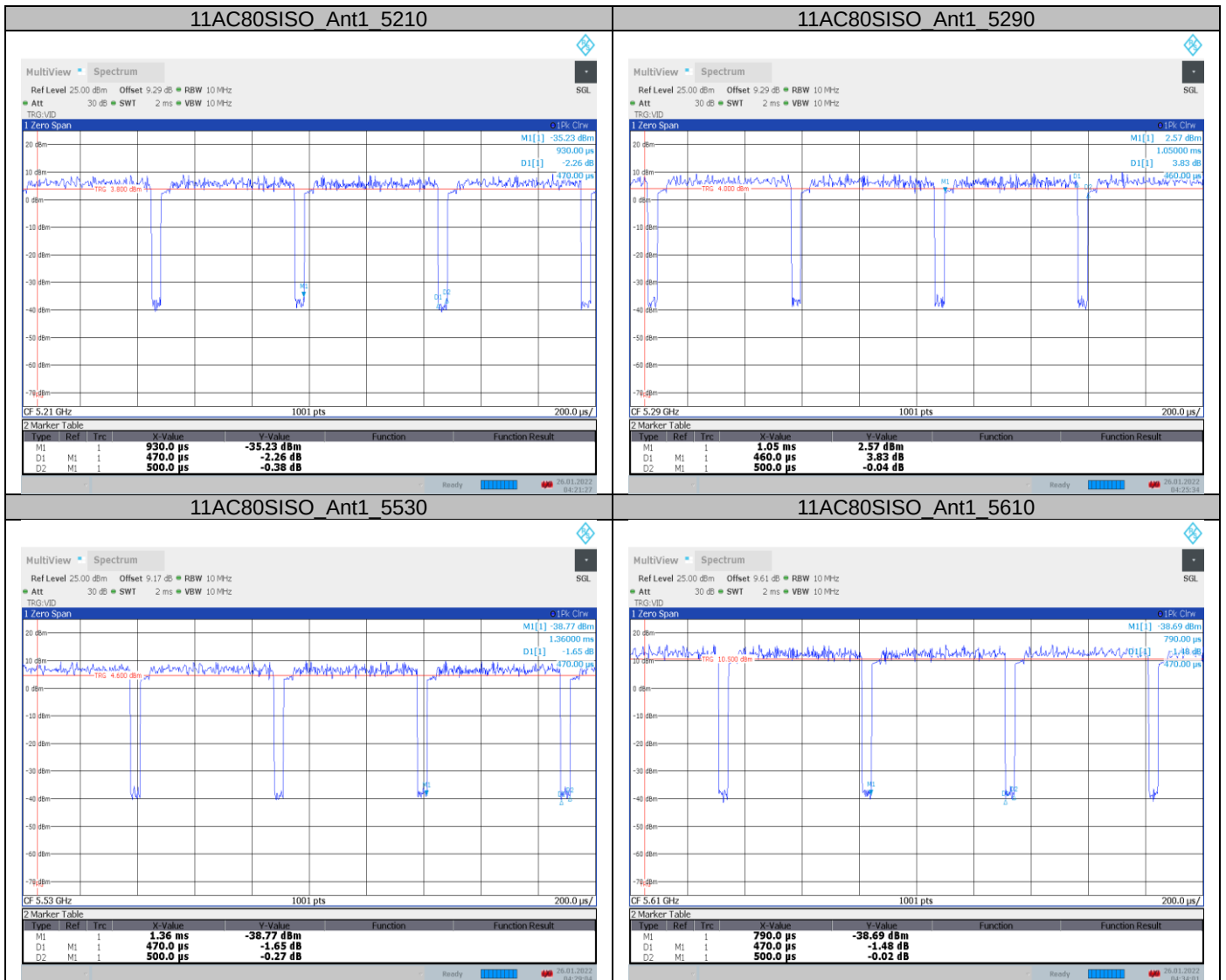
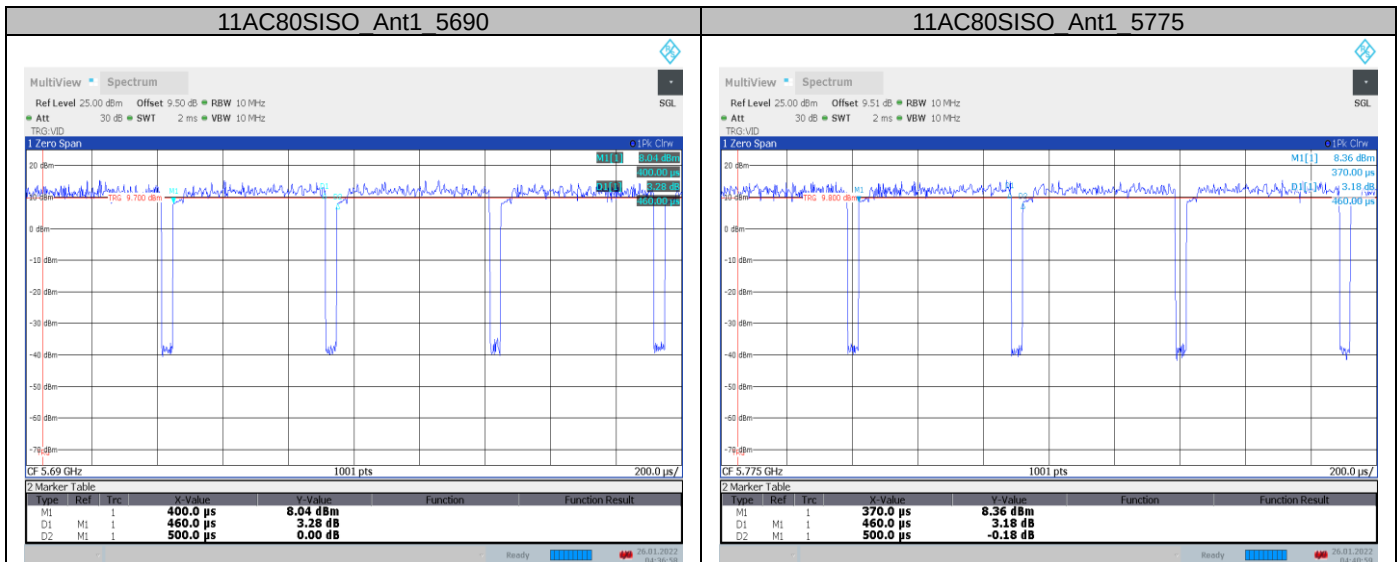








4. APPENDIX D: MAXIMUM OUTPUT POWER

4.1 TEST RESULT CHANNEL POWER

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11A	Ant1	5180	13.5	12.07	98.57	0.06	12.13	≤23.98	-0.20	11.93	PASS
		5200	17	16.01	98.57	0.06	16.07	≤23.98	-0.20	15.87	PASS
		5240	17	16.03	98.10	0.08	16.11	≤23.98	-0.20	15.91	PASS
		5260	17	16.53	98.57	0.06	16.59	≤23.98	-0.20	16.39	PASS
		5280	17	16.71	98.57	0.06	16.77	≤23.98	-0.20	16.57	PASS
		5300	17	16.88	98.10	0.08	16.96	≤23.98	-0.20	16.76	PASS
		5320	14.5	14.91	98.10	0.08	14.99	≤23.98	-0.20	14.79	PASS
		5500	13	12.53	98.10	0.08	12.61	≤23.98	-0.20	12.41	PASS
		5520	17	16.09	98.10	0.08	16.17	≤23.98	-0.20	15.97	PASS
		5580	17	15.80	98.10	0.08	15.88	≤23.98	-0.20	15.68	PASS
		5680	16.5	13.91	98.10	0.08	13.99	≤23.98	-0.20	13.79	PASS
		5700	11	9.66	98.57	0.06	9.72	≤23.98	-0.20	9.52	PASS
		5720_UNII-2C	17	14.94	98.10	0.08	15.02	≤23.14	-0.20	14.82	PASS
		5720_UNII-3	17	8.08	98.10	0.08	8.16	≤30.00	-1.90	6.26	PASS
		5745	17	15.86	98.10	0.08	15.94	≤30.00	-1.90	14.04	PASS
		5785	17	15.28	98.10	0.08	15.36	≤30.00	-1.90	13.46	PASS
		5825	17	15.52	98.10	0.08	15.60	≤30.00	-1.90	13.60	PASS

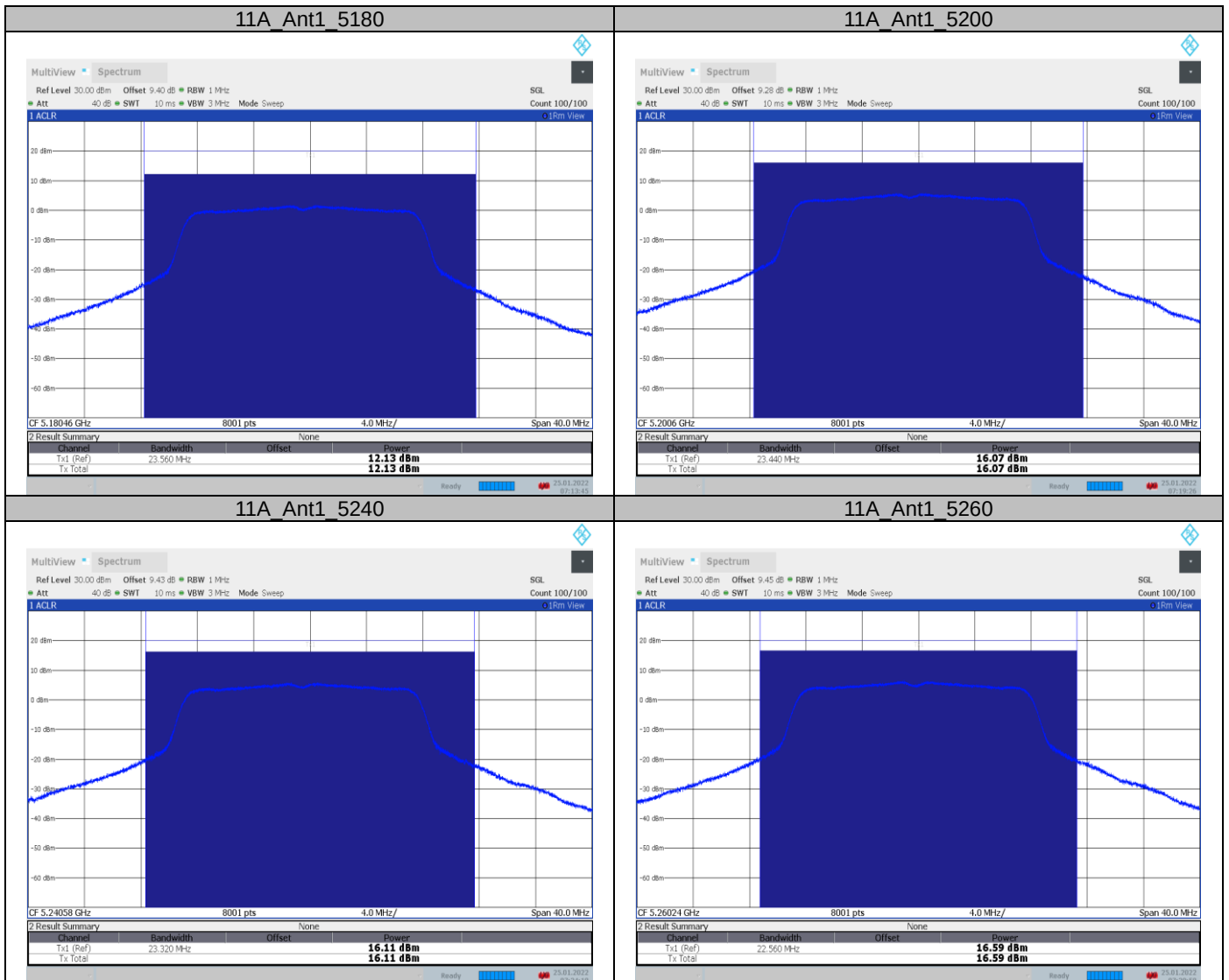
Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11N20SISO	Ant1	5180	13.5	11.89	98.47	0.07	11.96	≤23.98	-0.20	11.76	PASS
		5200	17	15.71	98.47	0.07	15.78	≤23.98	-0.20	15.58	PASS
		5240	17	15.97	97.96	0.09	16.06	≤23.98	-0.20	15.86	PASS
		5260	17	16.40	97.96	0.09	16.49	≤23.98	-0.20	16.29	PASS
		5280	17	16.61	98.47	0.07	16.68	≤23.98	-0.20	16.48	PASS
		5300	17	16.80	97.96	0.09	16.89	≤23.98	-0.20	16.69	PASS
		5320	14.5	14.74	98.47	0.07	14.81	≤23.98	-0.20	14.61	PASS
		5500	13	12.41	98.47	0.07	12.48	≤23.98	-0.20	12.28	PASS
		5520	17	15.95	97.97	0.09	16.04	≤23.98	-0.20	15.84	PASS
		5580	17	15.52	97.97	0.09	15.61	≤23.98	-0.20	15.41	PASS
		5680	16.5	14.21	98.47	0.07	14.28	≤23.98	-0.20	14.08	PASS
		5700	11	9.52	97.96	0.09	9.61	≤23.98	-0.20	9.41	PASS
		5720_UNII-2C	17	14.71	97.96	0.09	14.80	≤23.15	-0.20	14.60	PASS
		5720_UNII-3	17	8.32	97.96	0.09	8.41	≤30.00	-1.90	6.51	PASS
		5745	17	15.70	98.47	0.07	15.77	≤30.00	-1.90	13.87	PASS
		5785	17	15.15	97.96	0.09	15.24	≤30.00	-1.90	13.34	PASS
		5825	17	15.40	97.97	0.09	15.49	≤30.00	-1.90	13.59	PASS
11N40SISO	Ant1	5190	8.5	6.80	96.94	0.13	6.93	≤23.98	-0.20	6.73	PASS
		5230	16	15.48	96.94	0.13	15.61	≤23.98	-0.20	15.41	PASS
		5270	16	15.80	95.96	0.18	15.98	≤23.98	-0.20	15.78	PASS
		5310	9	8.43	96.94	0.13	8.56	≤23.98	-0.20	8.36	PASS
		5510	10.5	10.15	96.94	0.13	10.28	≤23.98	-0.20	10.08	PASS
		5550	16	15.12	96.94	0.13	15.25	≤23.98	-0.20	15.05	PASS
		5630	16	15.26	95.96	0.18	15.44	≤23.98	-0.20	15.24	PASS
		5670	14	12.41	95.96	0.18	12.59	≤23.98	-0.20	12.39	PASS
		5710_UNII-2C	16	14.54	95.96	0.18	14.72	≤23.98	-0.20	14.52	PASS
		5710_UNII-3	16	3.75	95.96	0.18	3.93	≤30.00	-1.90	2.03	PASS
		5755	16	15.00	96.94	0.13	15.13	≤30.00	-1.90	13.23	PASS
		5795	16	14.59	96.94	0.13	14.72	≤30.00	-1.90	12.82	PASS

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11AC20SISO	Ant1	5180	13.5	11.94	97.97	0.09	12.03	≤23.98	-0.20	11.83	PASS
		5200	16.5	15.35	97.97	0.09	15.44	≤23.98	-0.20	15.24	PASS
		5240	16.5	15.49	98.48	0.07	15.56	≤23.98	-0.20	15.36	PASS
		5260	16.5	15.96	97.97	0.09	16.05	≤23.98	-0.20	15.85	PASS
		5280	16.5	16.07	97.97	0.09	16.16	≤23.98	-0.20	15.96	PASS
		5300	16.5	16.32	98.47	0.07	16.39	≤23.98	-0.20	16.19	PASS
		5320	14.5	14.66	98.47	0.07	14.73	≤23.98	-0.20	14.53	PASS
		5500	13	12.34	97.97	0.09	12.43	≤23.98	-0.20	12.23	PASS
		5520	16.5	15.49	97.97	0.09	15.58	≤23.98	-0.20	15.38	PASS
		5580	16.5	15.15	97.97	0.09	15.24	≤23.98	-0.20	15.04	PASS
		5680	16	13.69	97.97	0.09	13.78	≤23.98	-0.20	13.58	PASS
		5700	12	10.50	97.47	0.11	10.61	≤23.98	-0.20	10.41	PASS
		5720_UNII-2C	16.5	14.21	97.97	0.09	14.30	≤23.13	-0.20	14.10	PASS
		5720_UNII-3	16.5	7.88	97.97	0.09	7.97	≤30.00	-1.90	6.07	PASS
		5745	16.5	15.28	97.97	0.09	15.37	≤30.00	-1.90	13.47	PASS
		5785	16.5	14.53	98.47	0.07	14.60	≤30.00	-1.90	12.70	PASS
		5825	16.5	14.98	97.98	0.09	15.07	≤30.00	-1.90	13.17	PASS
11AC40SISO	Ant1	5190	8.5	6.80	96.97	0.13	6.93	≤23.98	-0.20	6.73	PASS
		5230	16	15.44	96.97	0.13	15.57	≤23.98	-0.20	15.37	PASS
		5270	16	15.84	96.97	0.13	15.97	≤23.98	-0.20	15.77	PASS
		5310	9	8.63	95.96	0.18	8.81	≤23.98	-0.20	8.61	PASS
		5510	10.5	10.16	95.96	0.18	10.34	≤23.98	-0.20	10.14	PASS
		5550	16	15.09	95.96	0.18	15.27	≤23.98	-0.20	15.07	PASS
		5630	16	15.28	95.96	0.18	15.46	≤23.98	-0.20	15.26	PASS
		5670	14	12.37	95.96	0.18	12.55	≤23.98	-0.20	12.35	PASS
		5710_UNII-2C	16	14.51	95.96	0.18	14.69	≤23.98	-0.20	14.49	PASS
		5710_UNII-3	16	3.75	95.96	0.18	3.93	≤30.00	-1.90	2.03	PASS
		5755	16	15.02	95.96	0.18	15.20	≤30.00	-1.90	13.10	PASS
		5795	16	14.65	95.96	0.18	14.83	≤30.00	-1.90	12.93	PASS

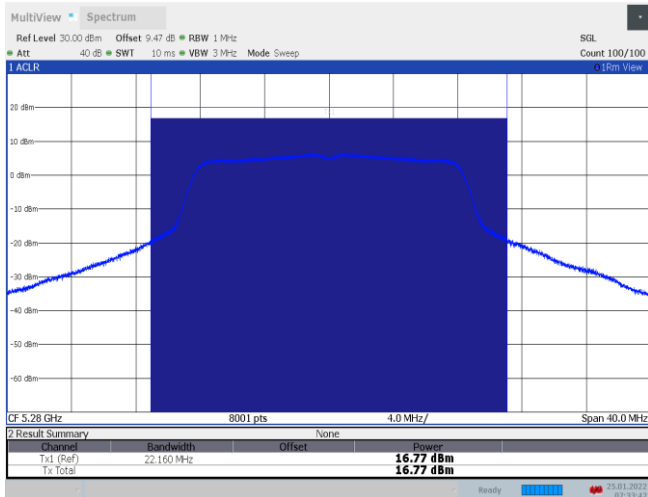
Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11AC80SISO	Ant1	5210	9	7.08	94.00	0.27	7.35	≤23.98	-0.20	7.15	PASS
		5290	9	8.07	92.00	0.36	8.43	≤23.98	-0.20	8.23	PASS
		5530	9	8.13	94.00	0.27	8.40	≤23.98	-0.20	8.20	PASS
		5610	15.5	14.34	94.00	0.27	14.61	≤23.98	-0.20	14.41	PASS
		5690_UNII-2C	15.5	13.21	92.00	0.36	13.57	≤23.98	-0.20	13.37	PASS
		5690_UNII-3	15.5	-0.56	92.00	0.36	-0.20	≤30.00	-1.90	-2.1	PASS
		5775	15.5	13.83	92.00	0.36	14.19	≤30.00	-1.90	12.29	PASS

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

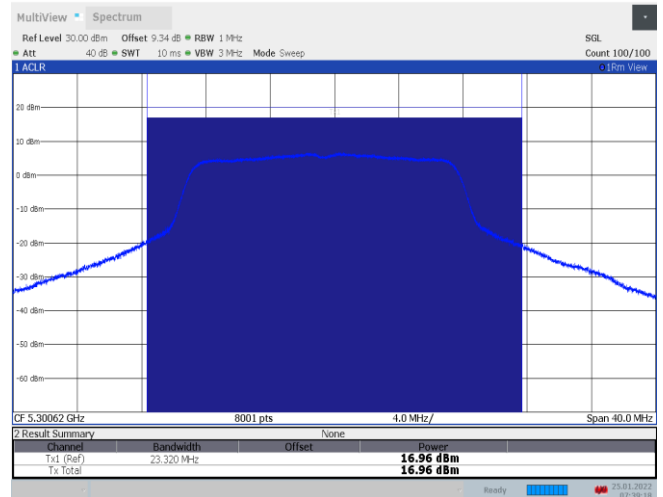
4.2 TEST GRAPHS



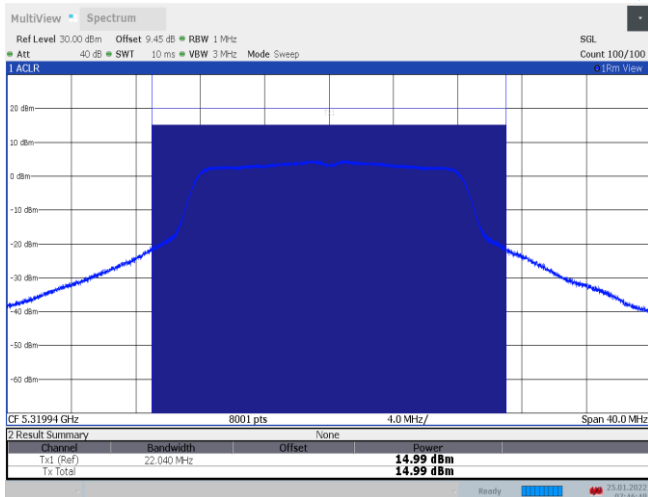
11A Ant1 5280



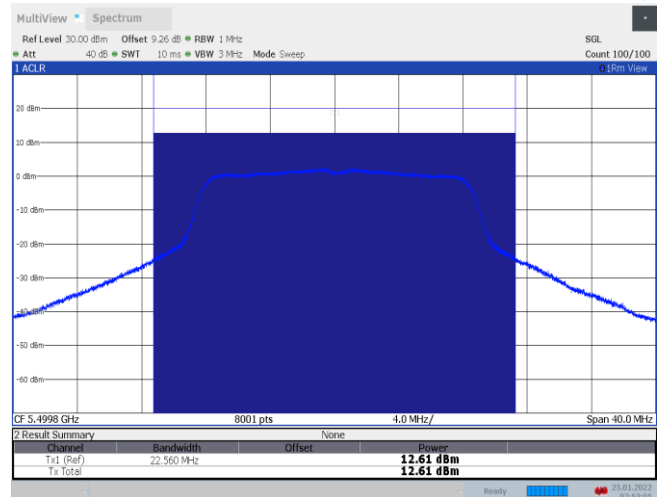
11A Ant1 5300



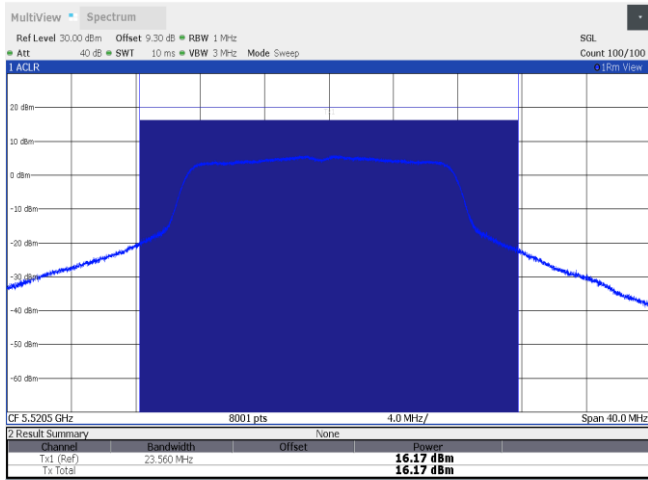
11A Ant1 5320



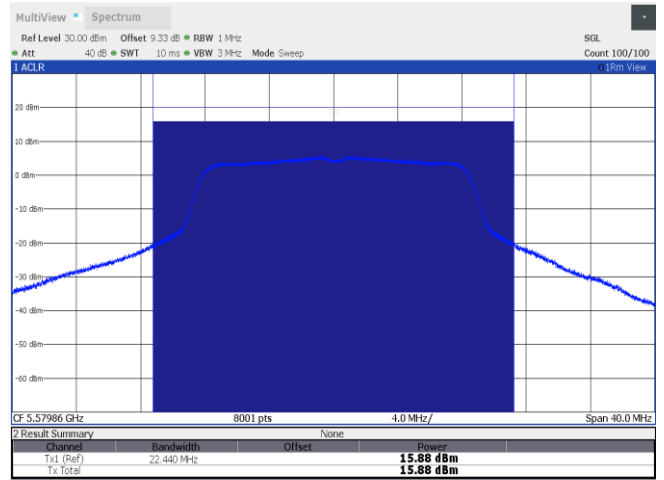
11A Ant1 5500



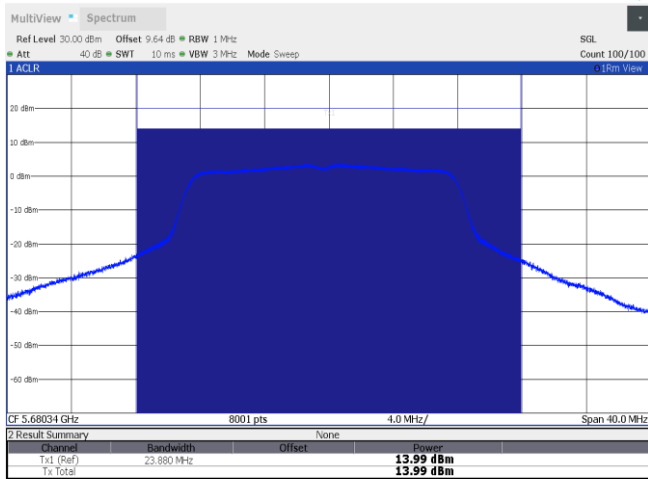
11A Ant1 5520



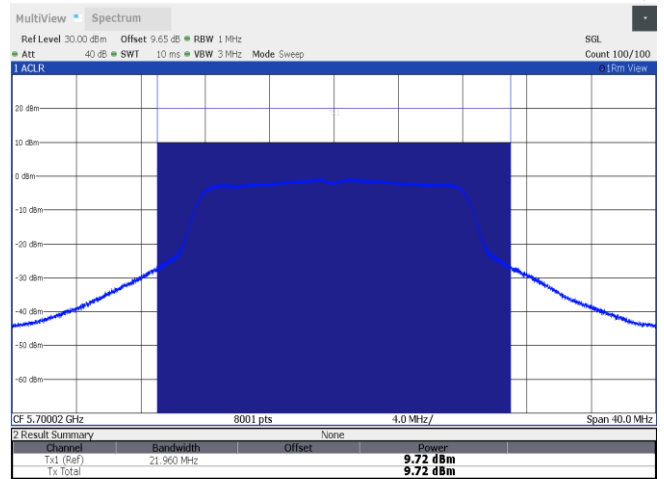
11A Ant1 5580



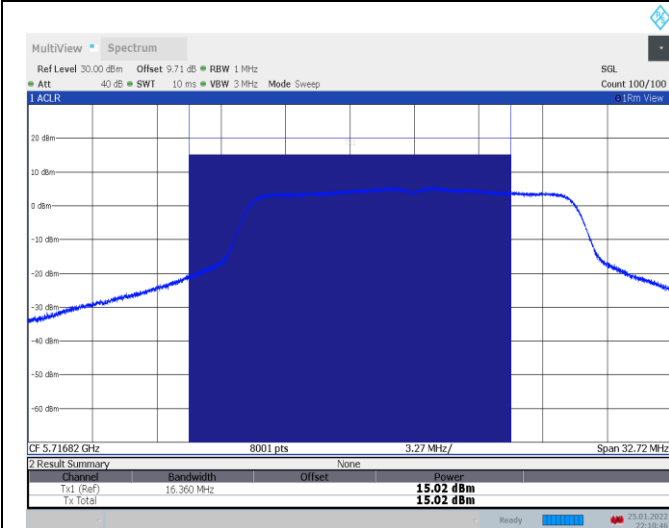
11A Ant1 5680



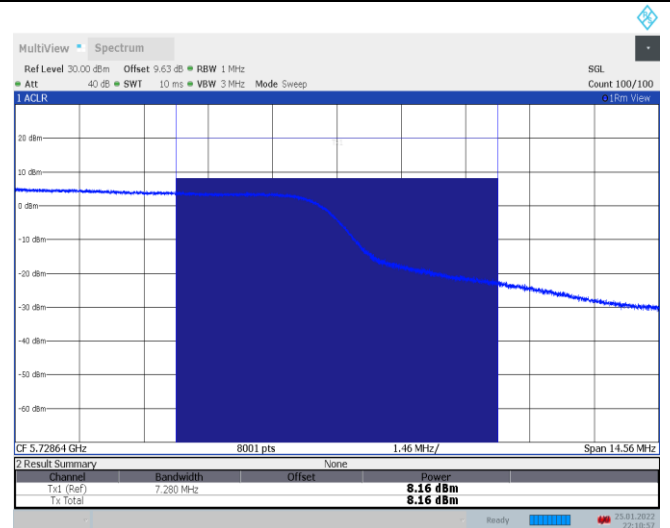
11A Ant1 5700



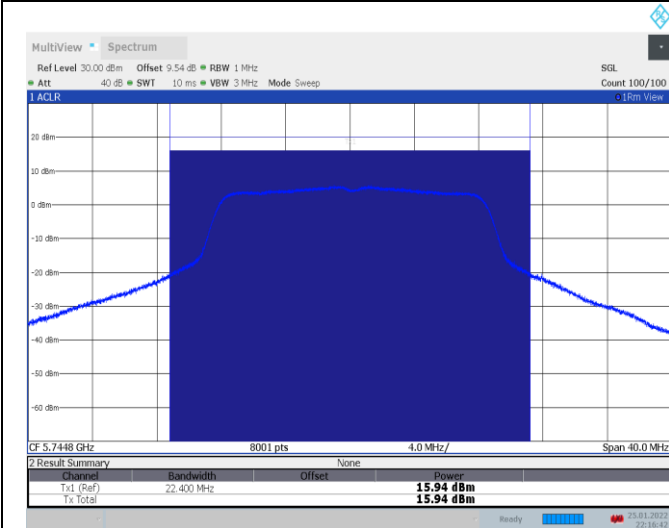
11A Ant1 5720 UNII-2C



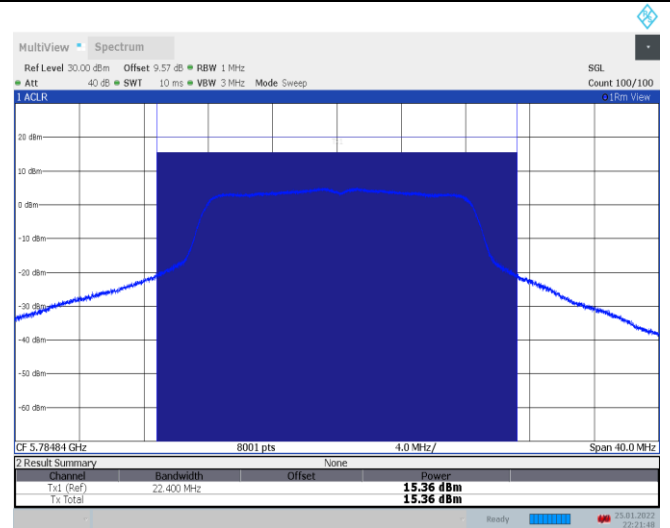
11A Ant1 5720 UNII-3

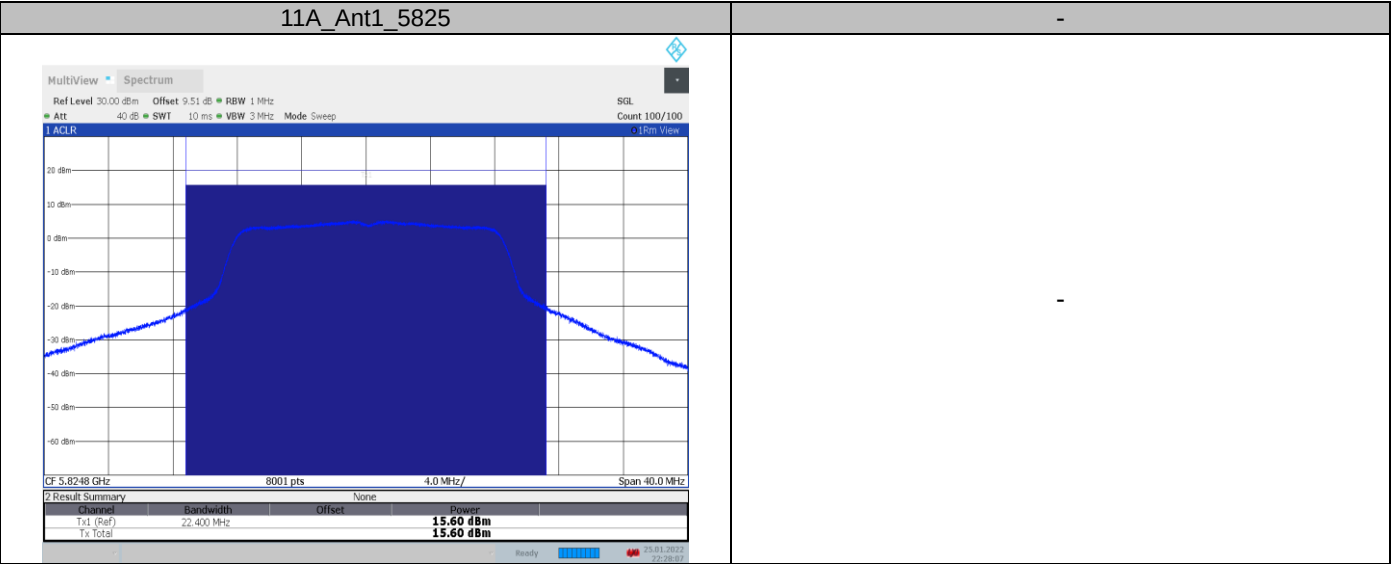


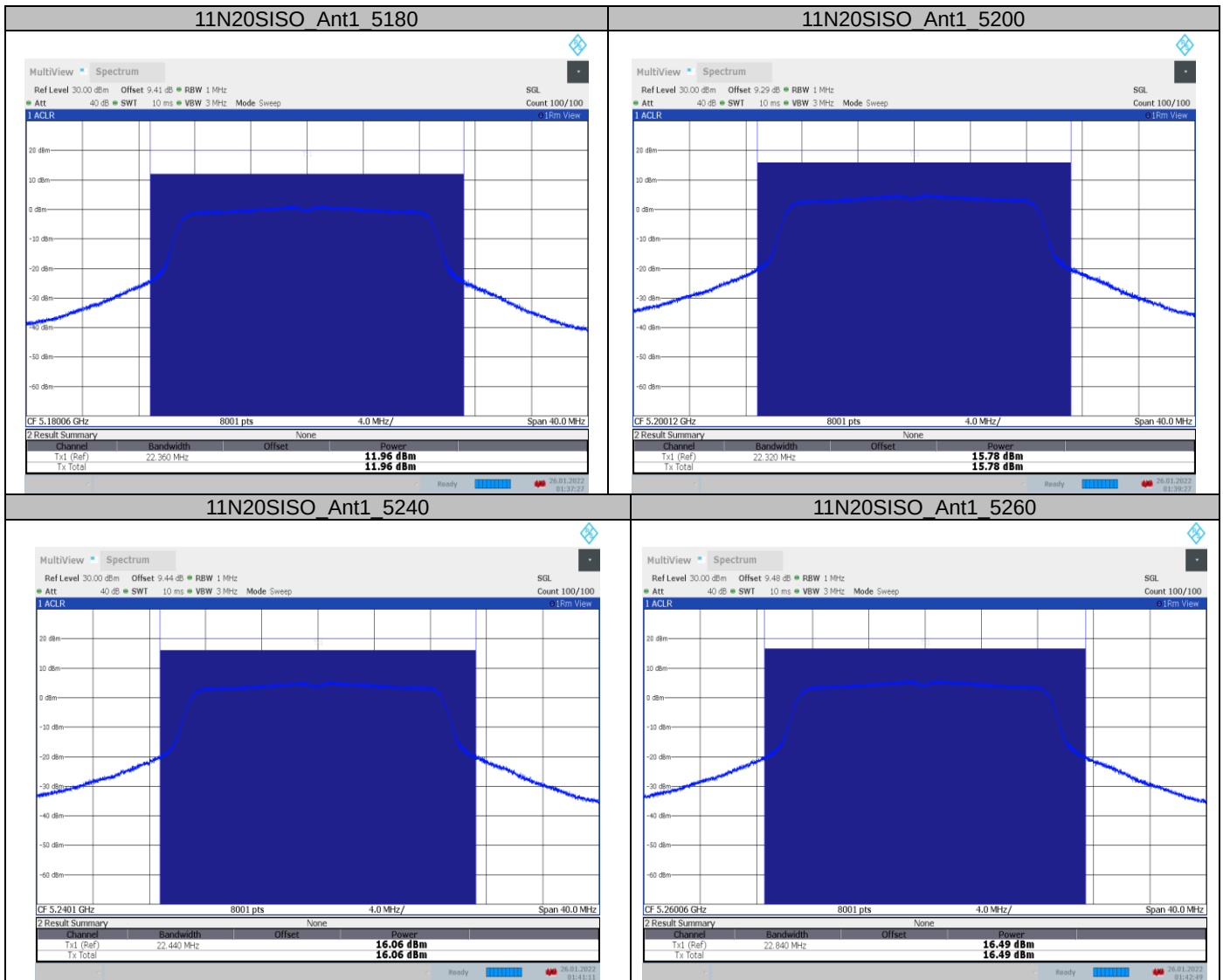
11A Ant1 5745

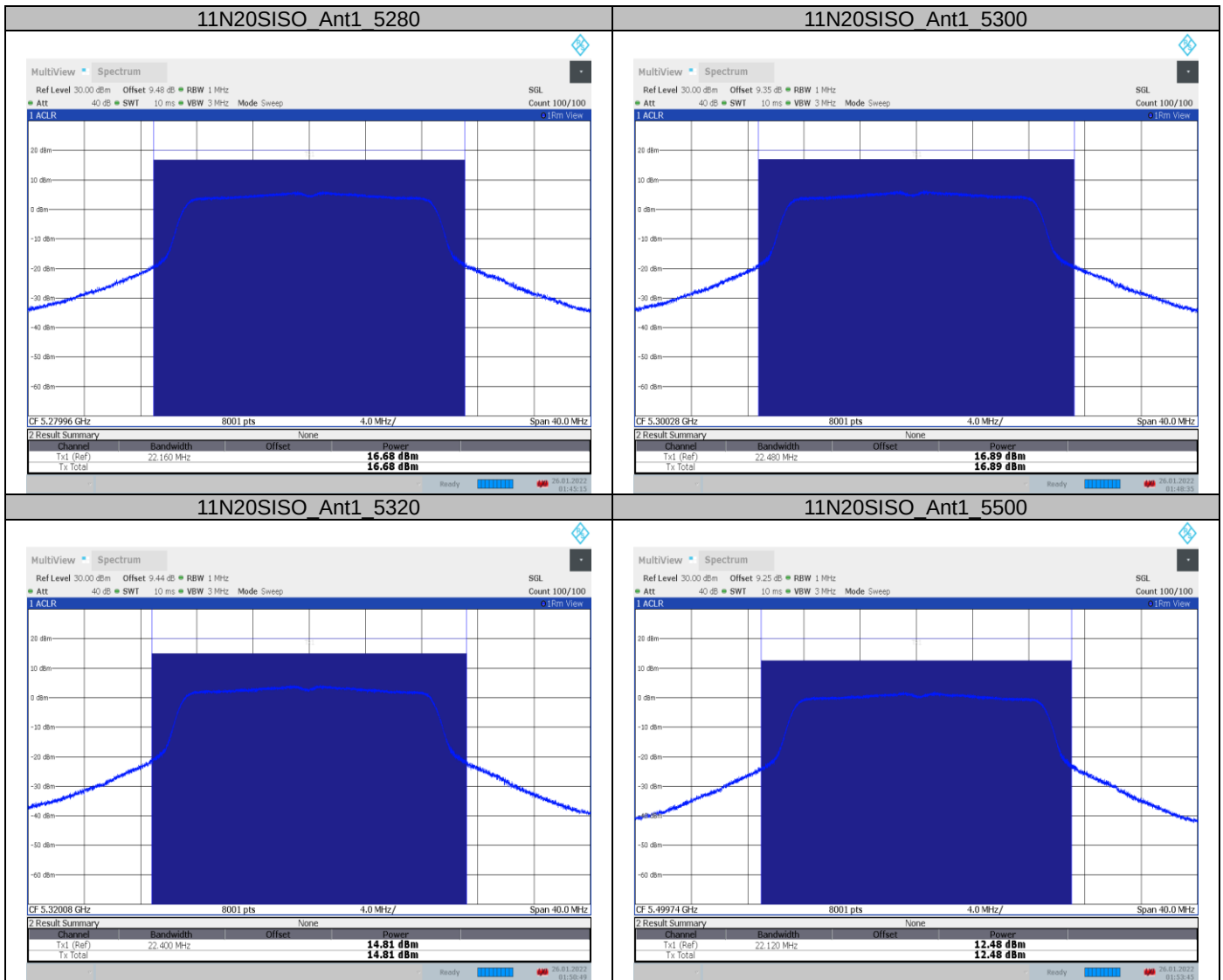


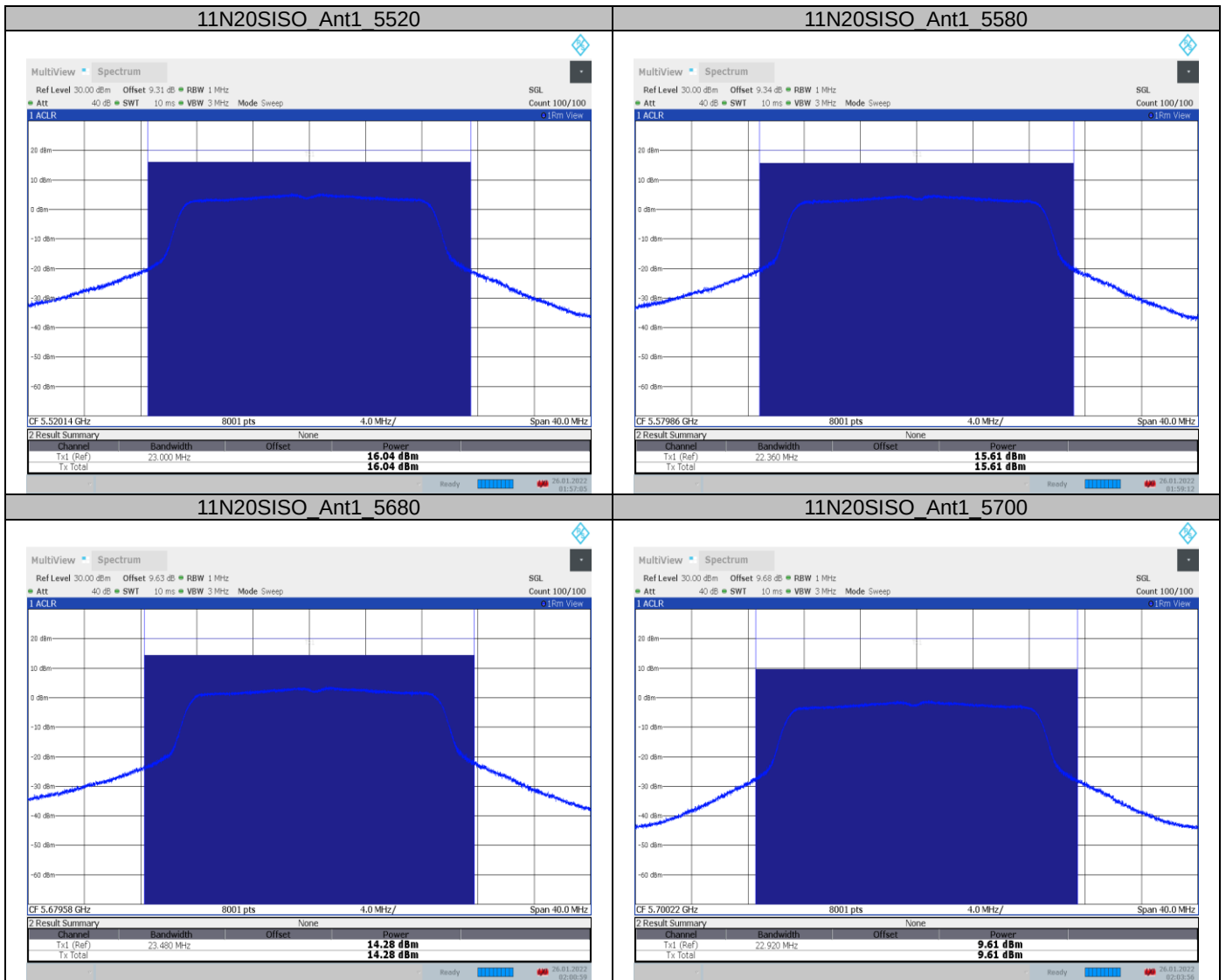
11A Ant1 5785

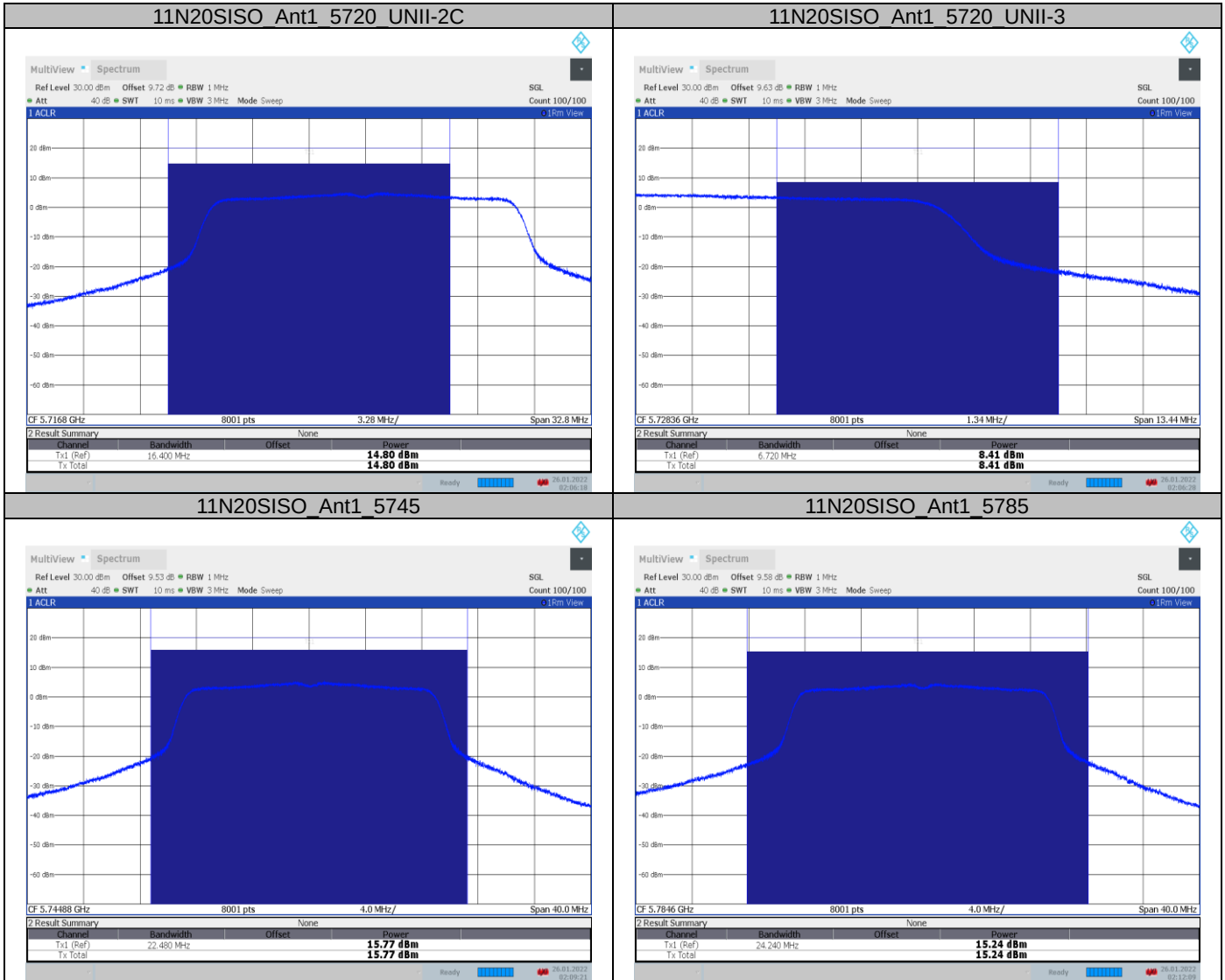


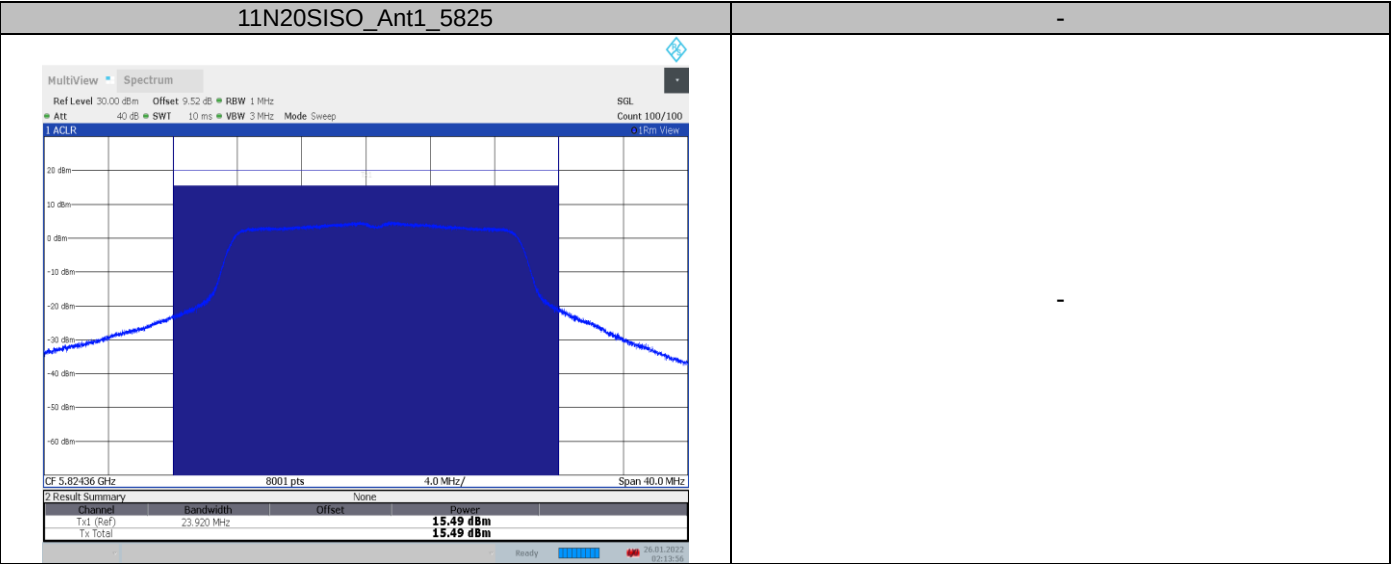


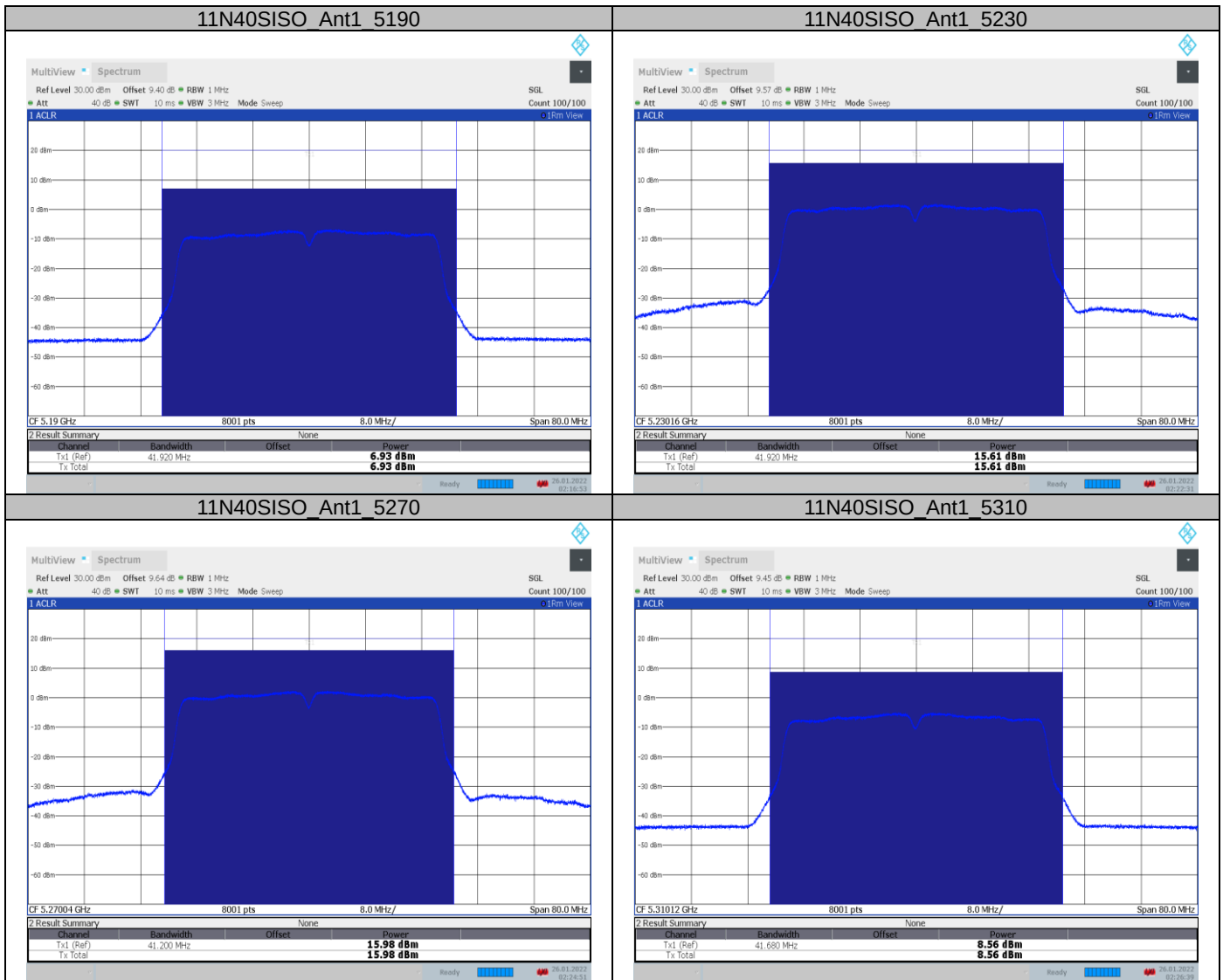


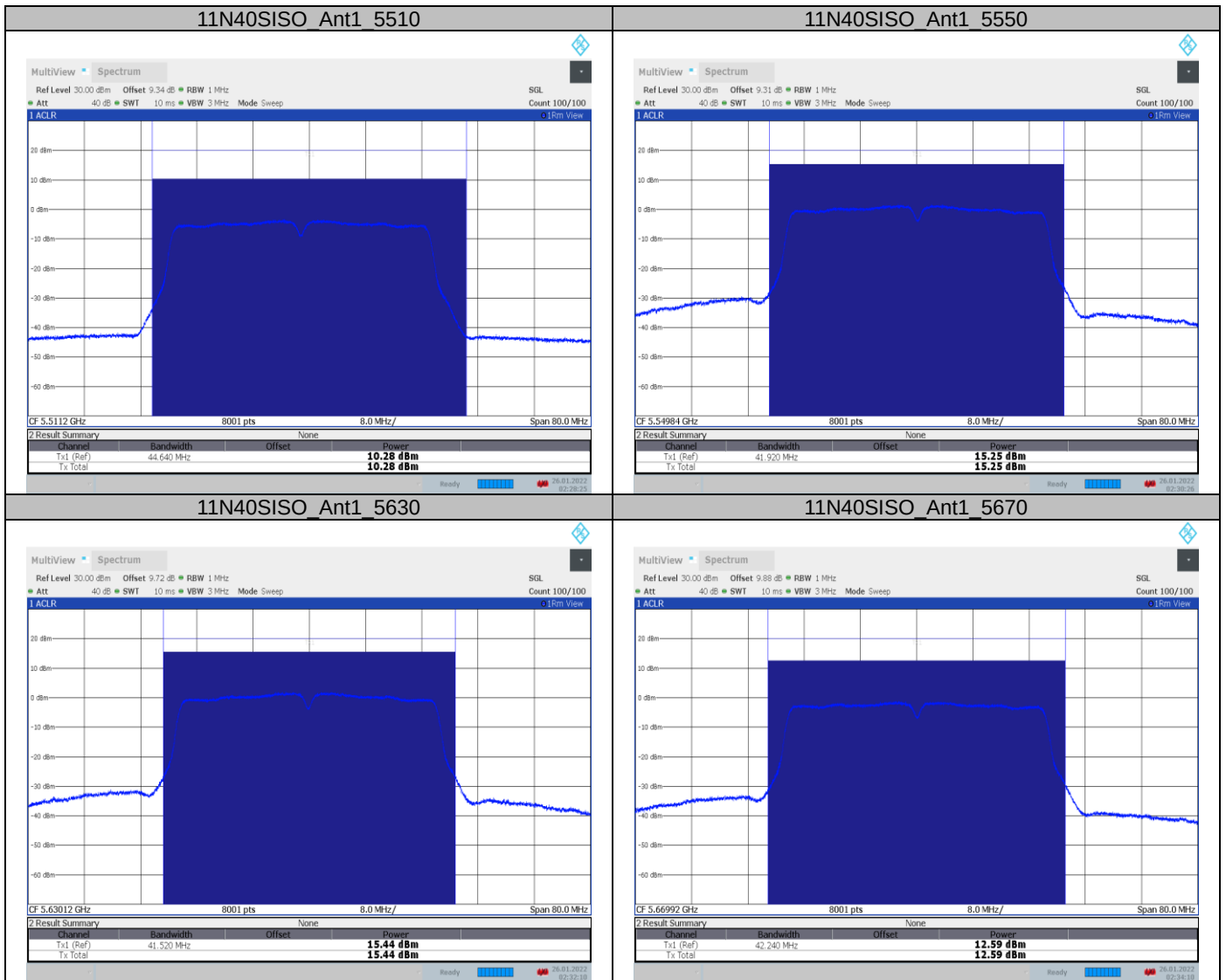


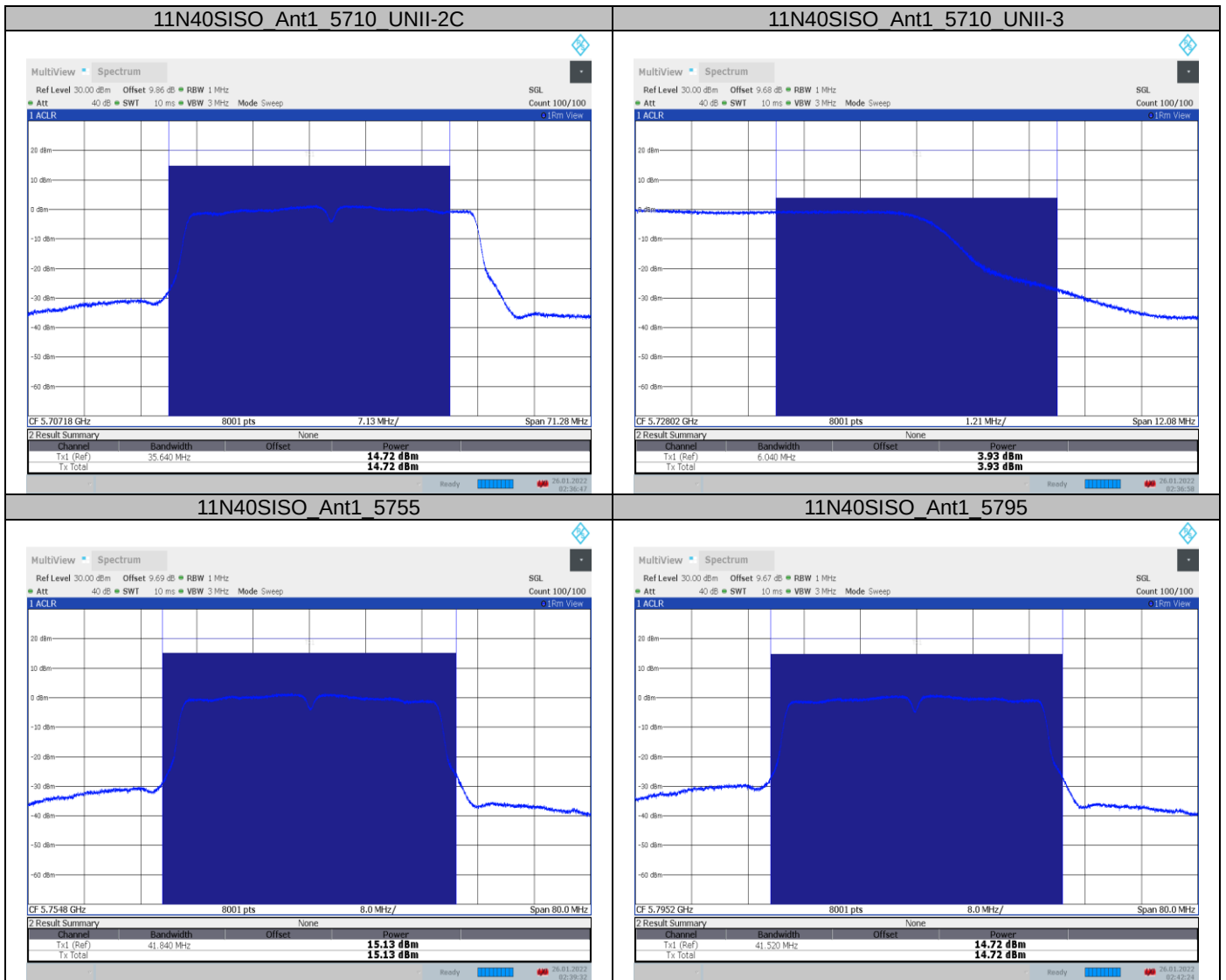


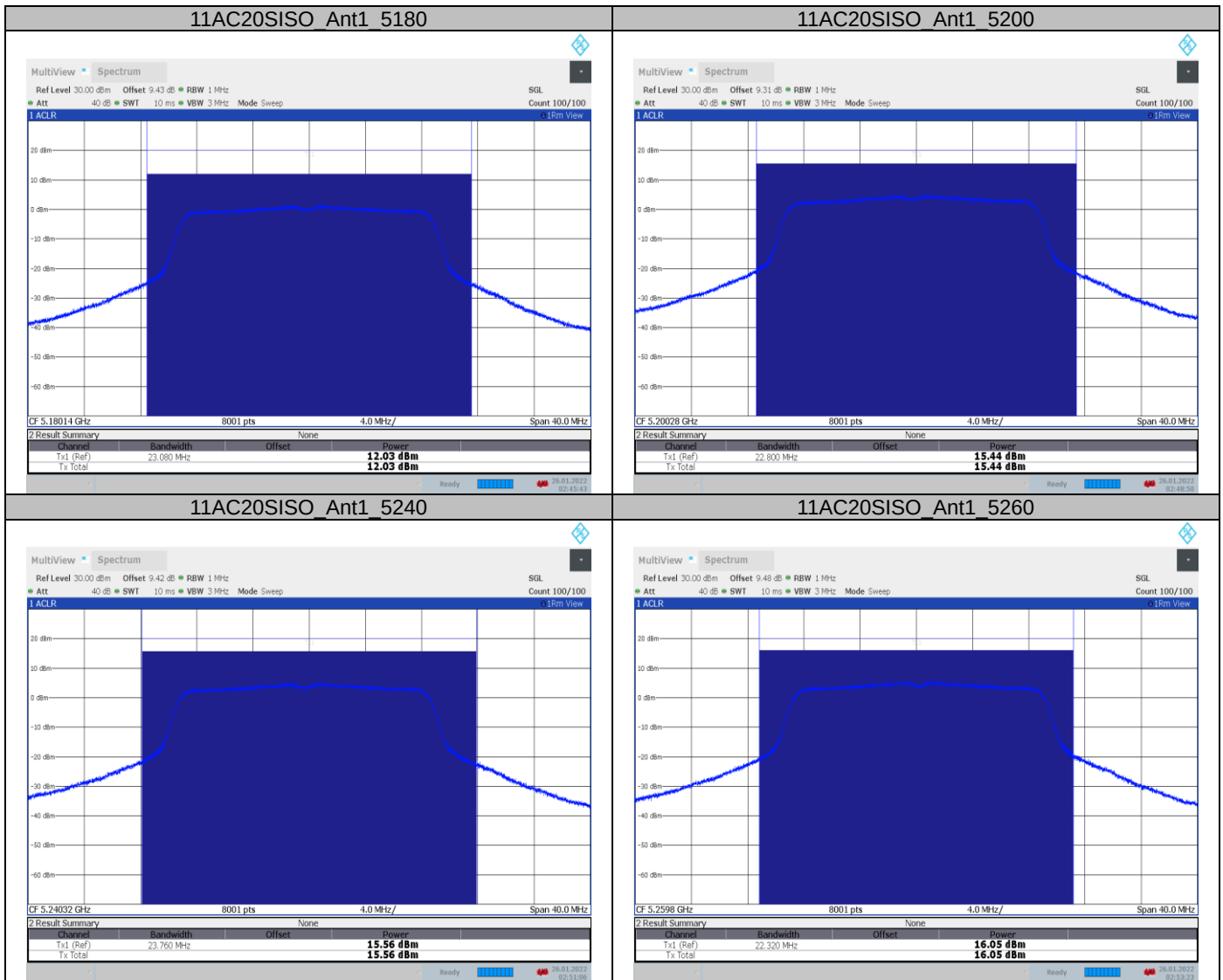


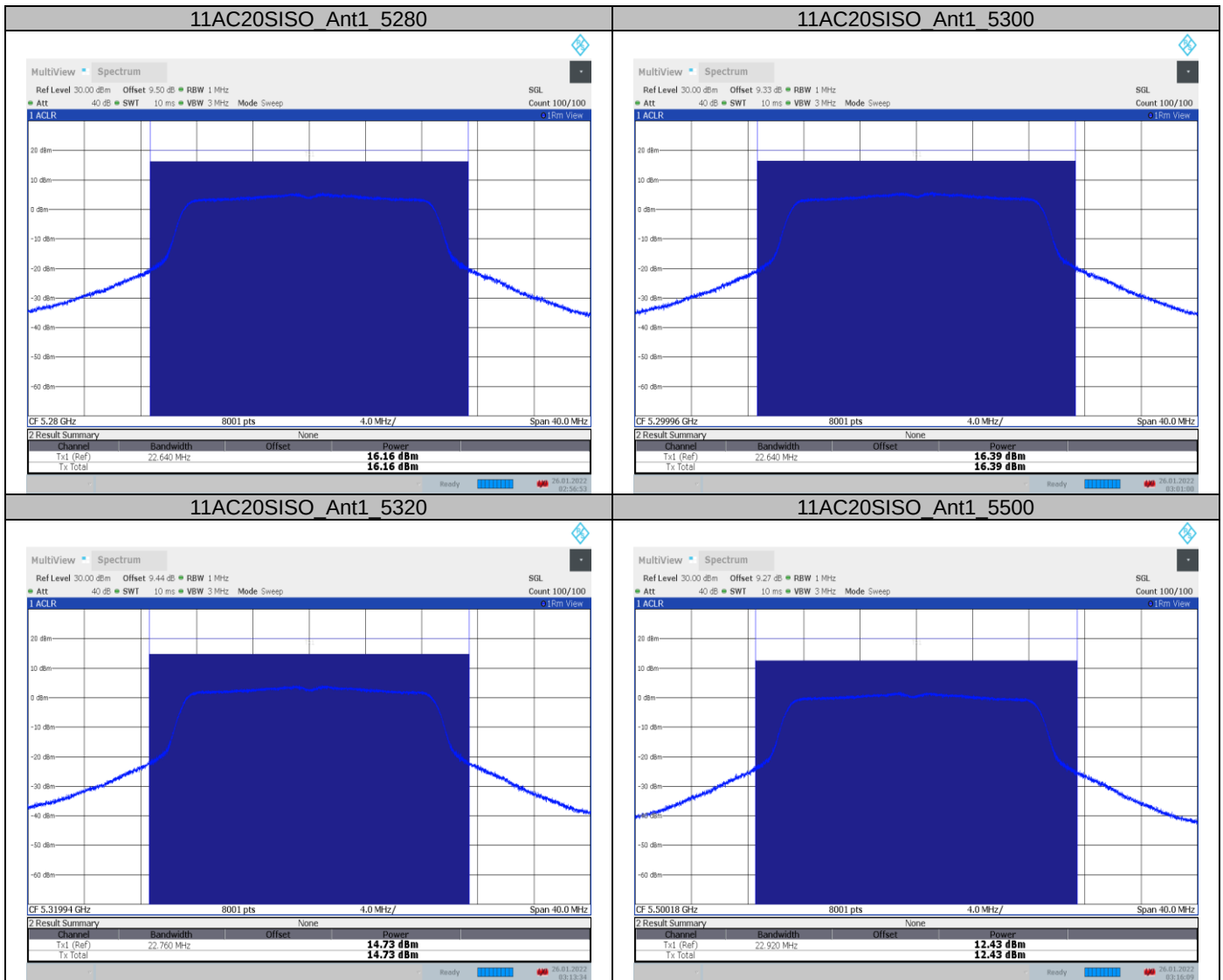






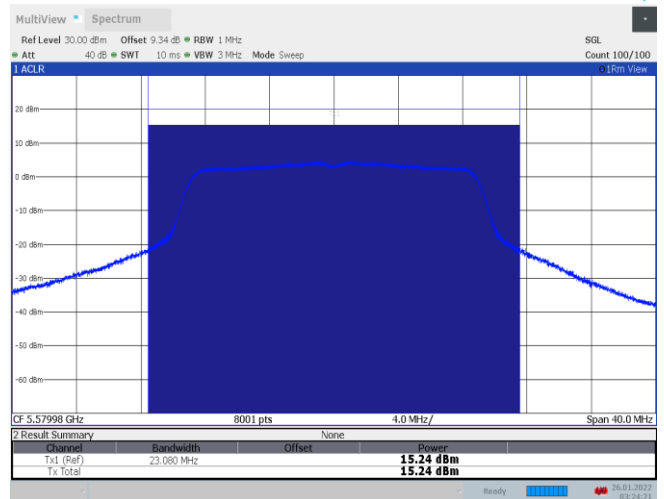
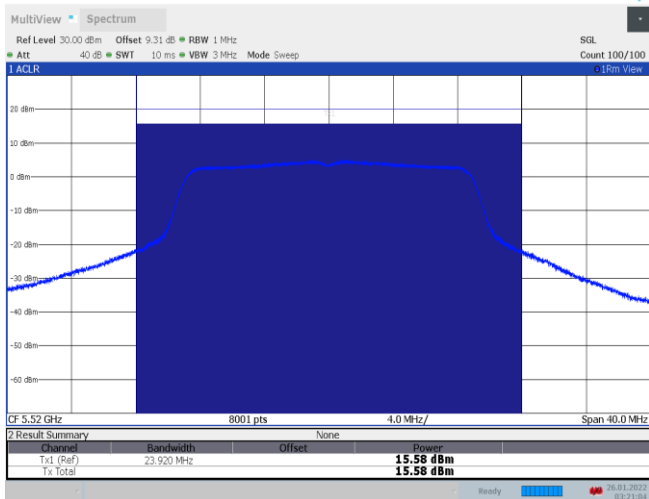






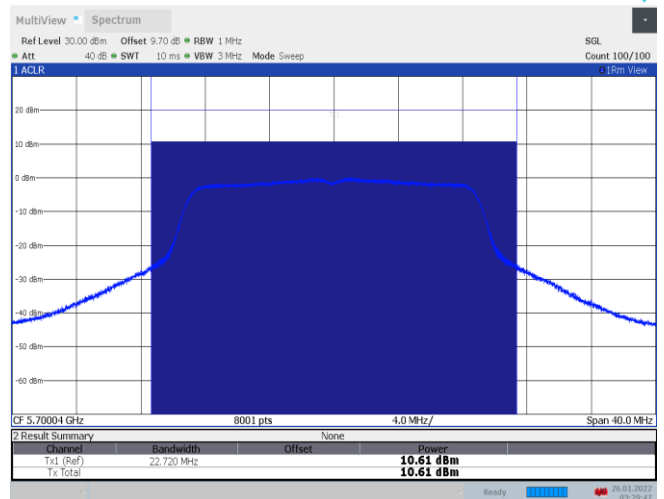
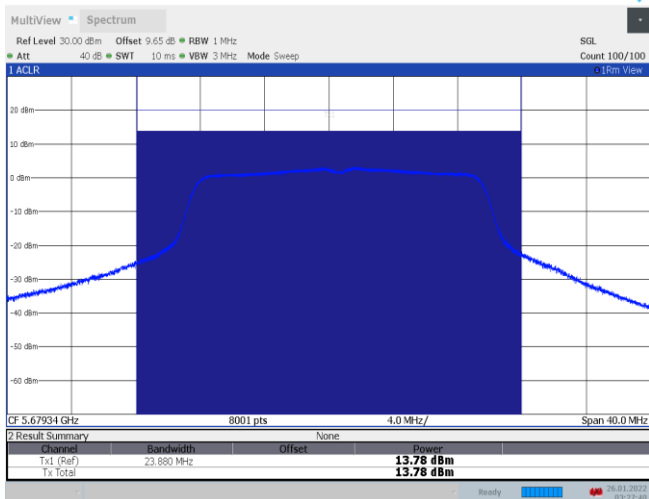
11AC20SISO_Ant1_5520

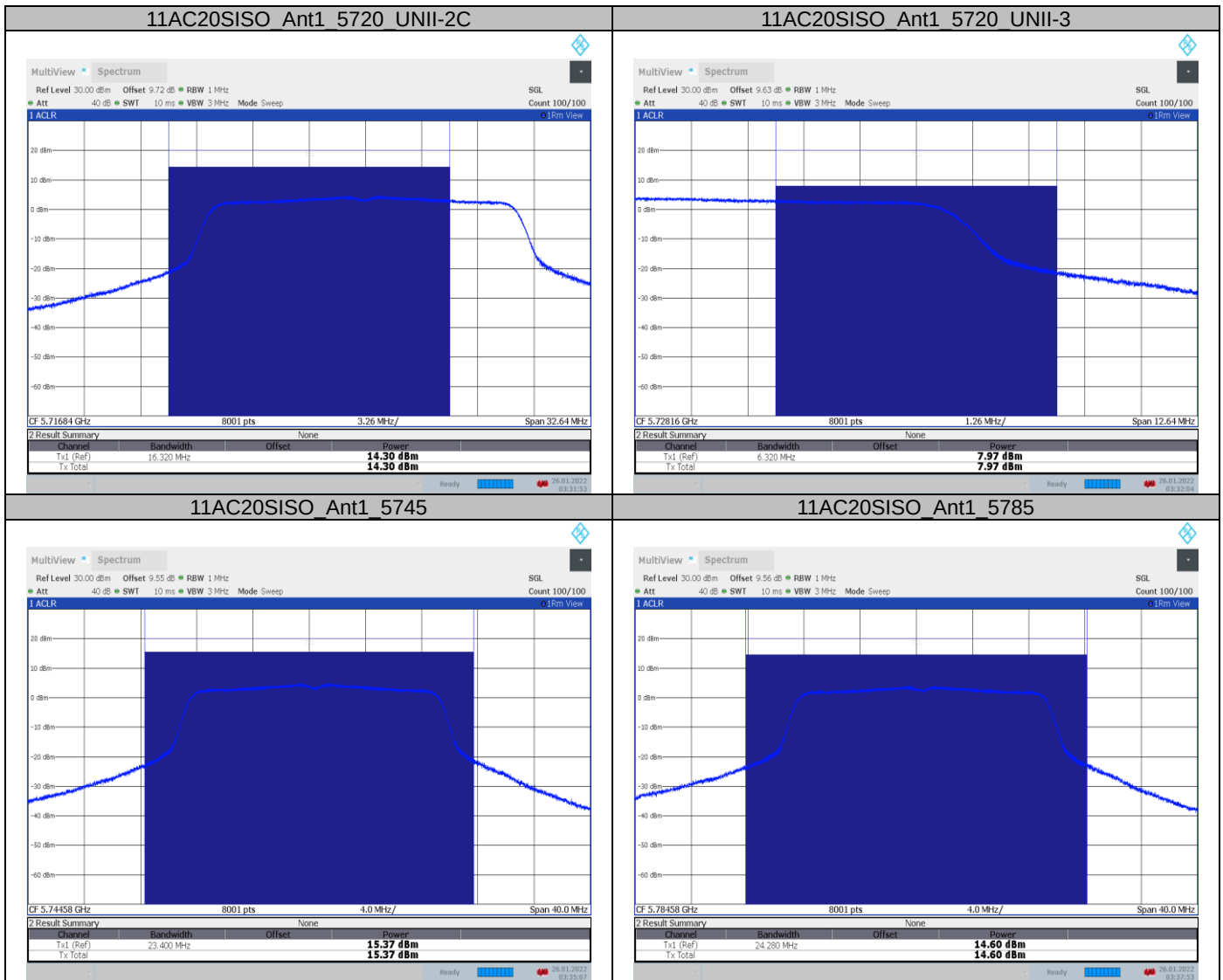
11AC20SISO_Ant1_5580

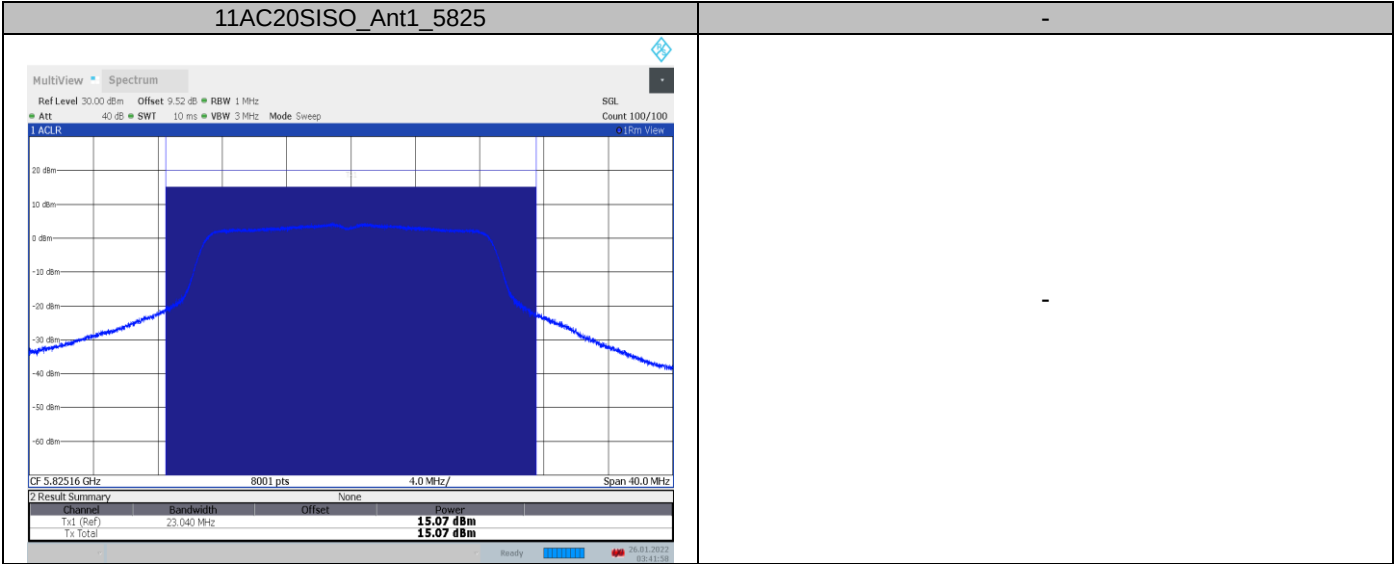


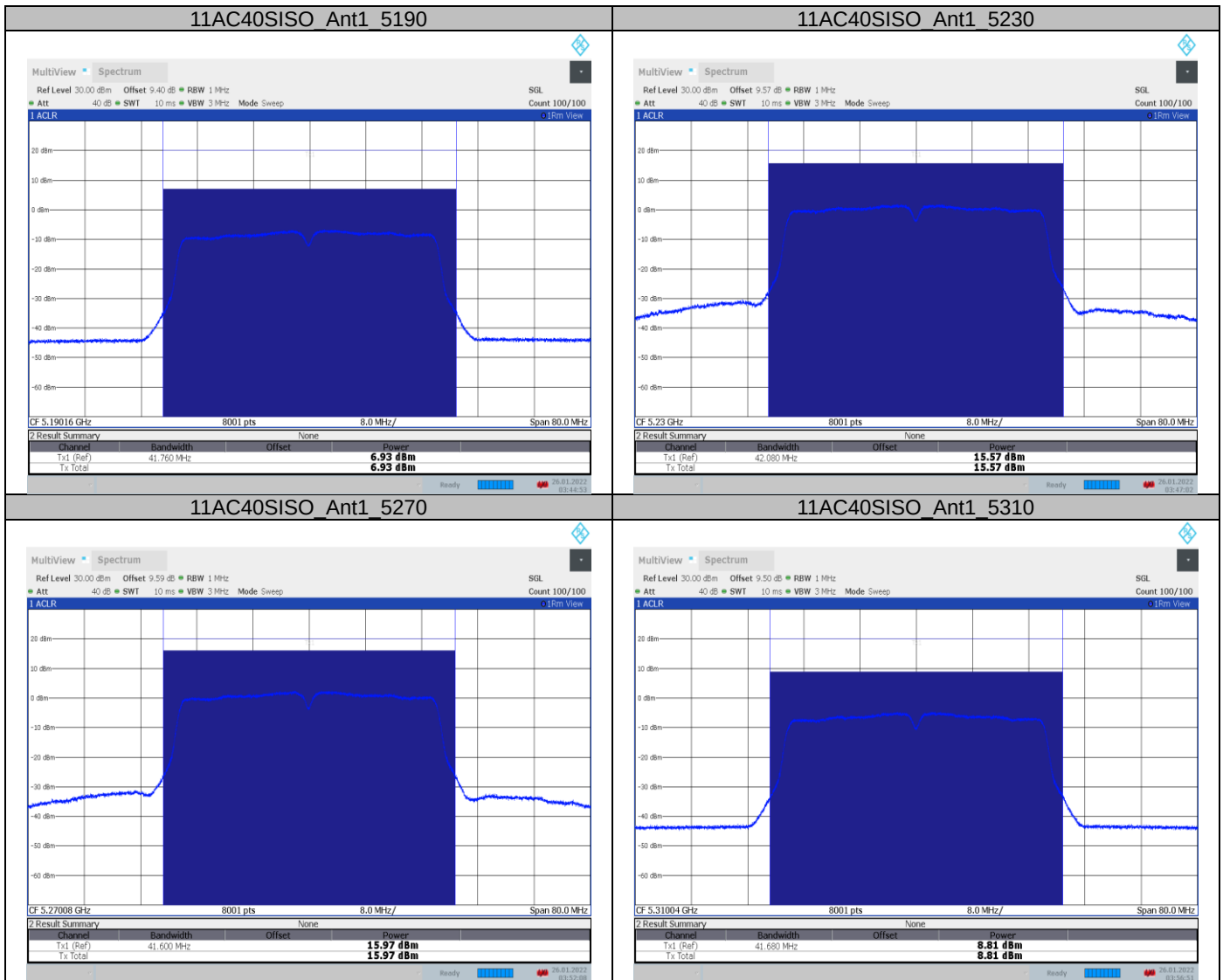
11AC20SISO_Ant1_5680

11AC20SISO_Ant1_5700



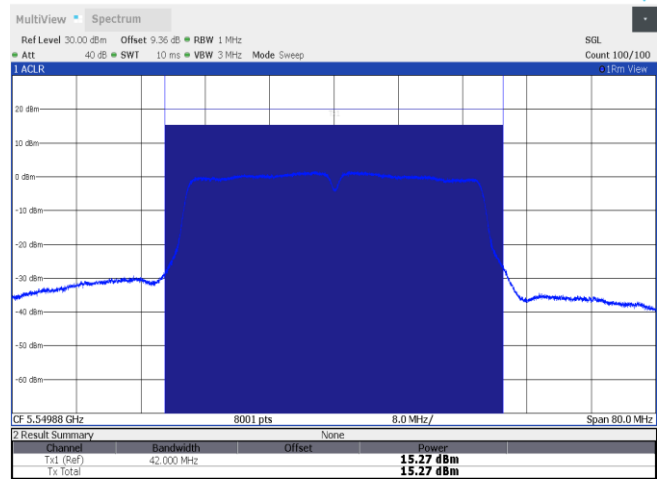
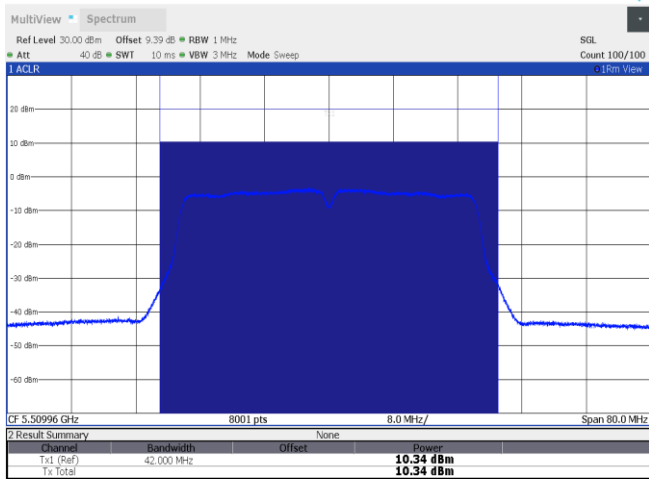






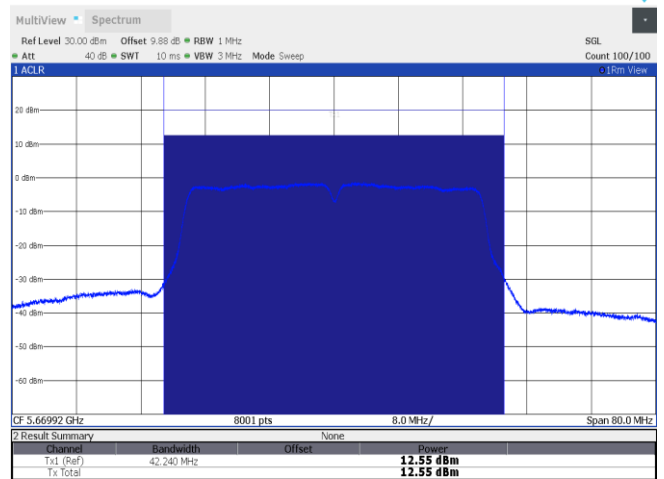
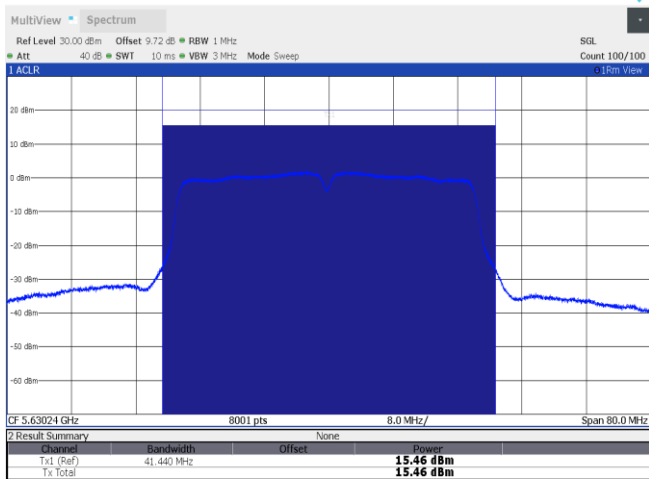
11AC40SISO Ant1 5510

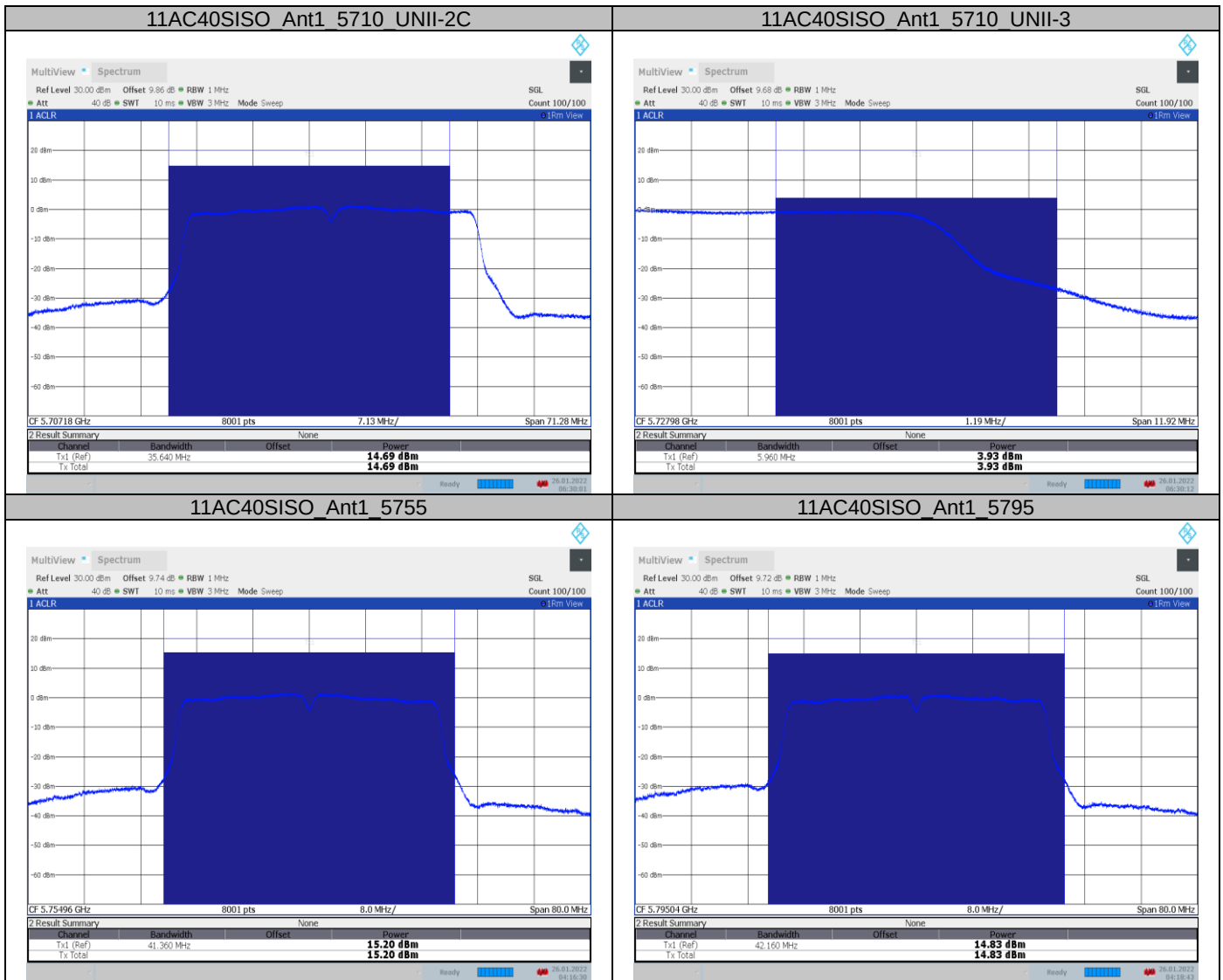
11AC40SISO Ant1 5550

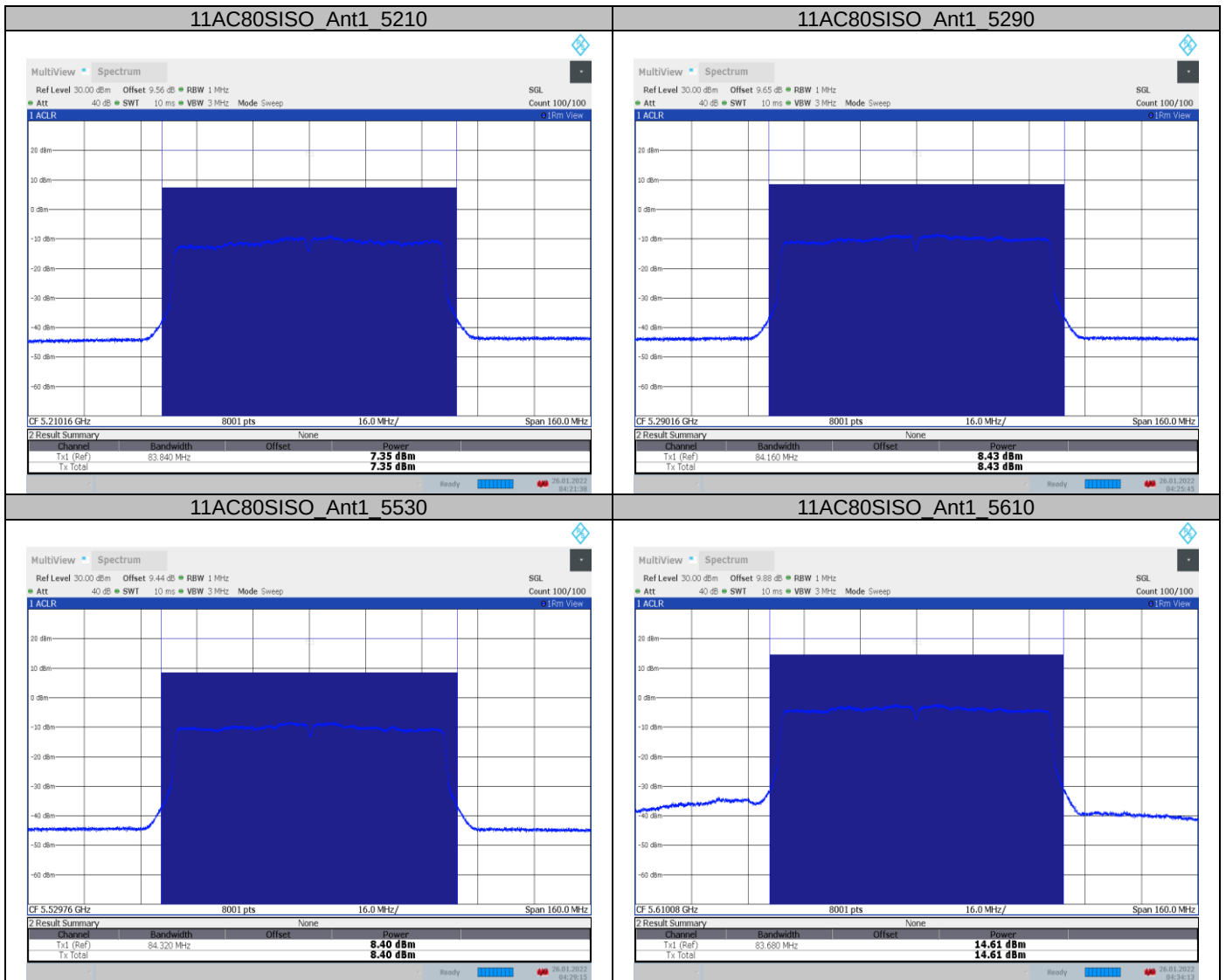


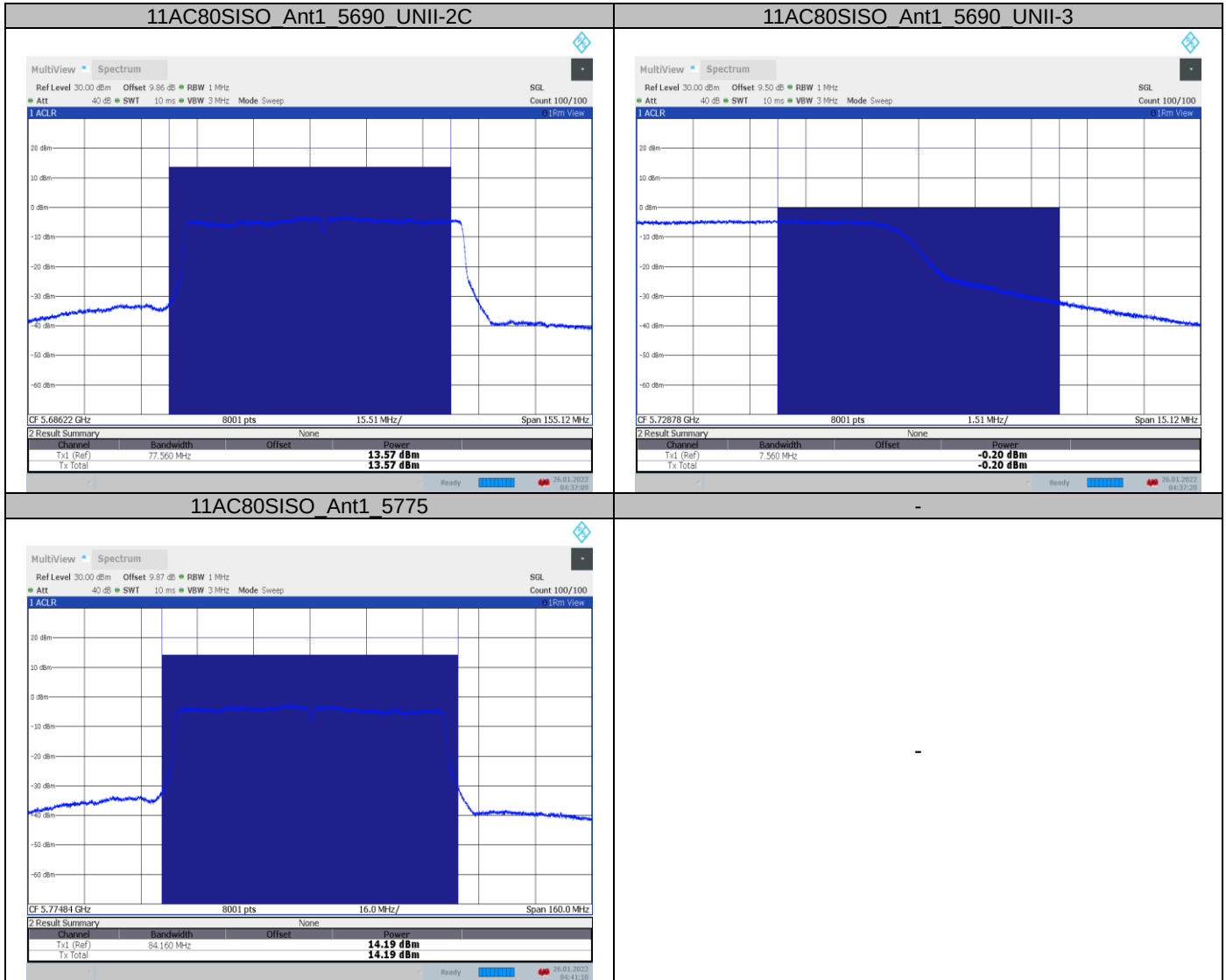
11AC40SISO Ant1 5630

11AC40SISO Ant1 5670









5. APPENDIX E: POWER SPECTRAL DENSITY

5.1 TEST RESULT

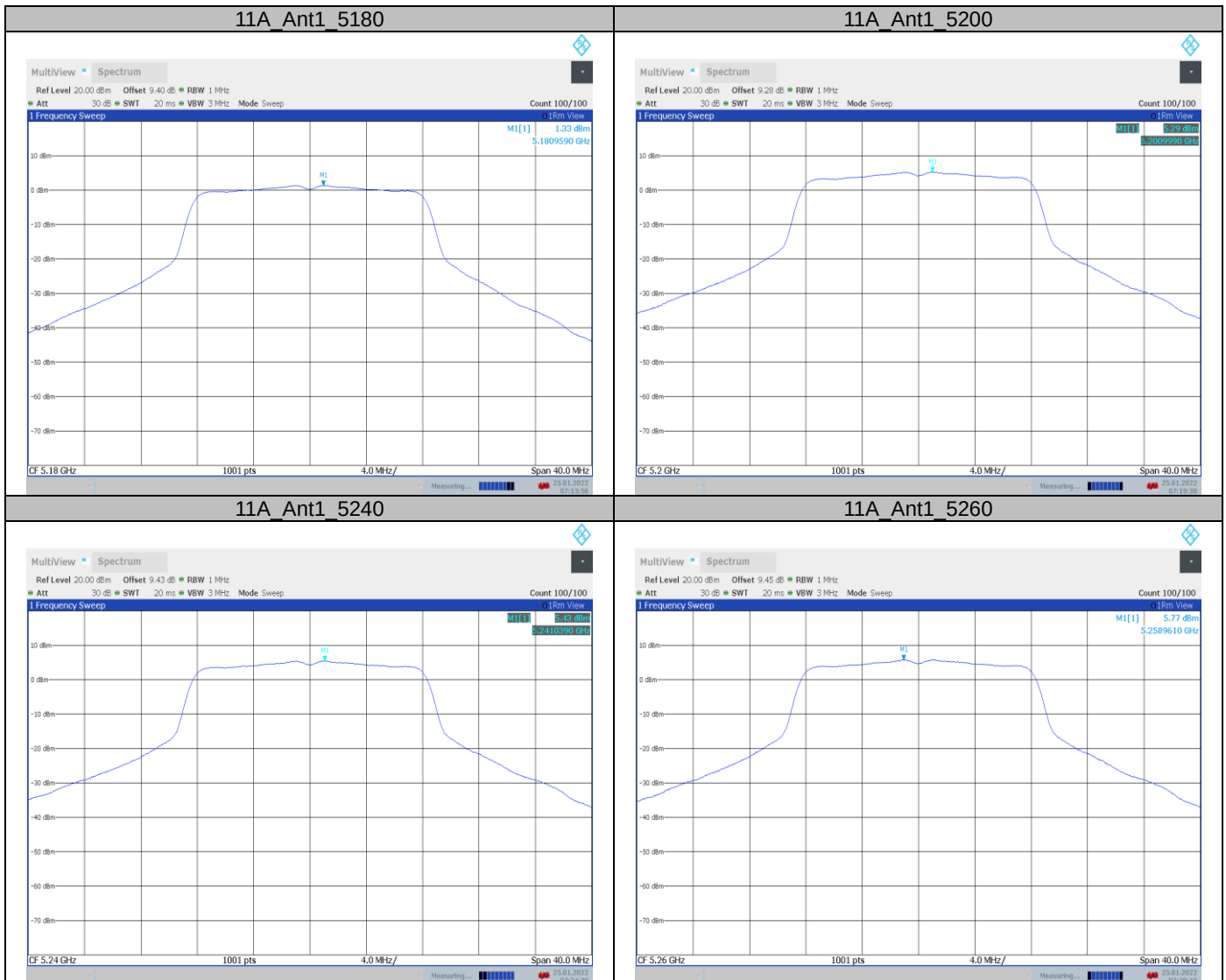
TestMode	Antenna	Frequency[MHz]	Result	Limit	Verdict
11A	Ant1	5180	1.33dBm/1MHz	≤11.00 dBm/MHz	PASS
		5200	5.29 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5240	5.43 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5260	5.77 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5280	6.01 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5300	6.21 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5320	4.24 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5500	1.82 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5520	5.39 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5580	5.13 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5680	3.19 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5700	-1.08 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5720_UNII-2C	5.07 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5720_UNII-3	0.86 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5745	2.39dBm/500kHz	≤30.00/500kHz	PASS
		5785	1.81 dBm/500kHz	≤30.00/500kHz	PASS
		5825	2.08 dBm/500kHz	≤30.00/500kHz	PASS
11N20SISO	Ant1	5180	0.93 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5200	4.8 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5240	5 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5260	5.41 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5280	5.57 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5300	5.86 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5320	3.69 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5500	1.36 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5520	4.97 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5580	4.69 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5680	3.23 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5700	-1.54 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5720_UNII-2C	4.65 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5720_UNII-3	0.42 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5745	1.9 dBm/500kHz	≤30.00/500kHz	PASS
		5785	1.33 dBm/500kHz	≤30.00/500kHz	PASS
		5825	1.59 dBm/500kHz	≤30.00/500kHz	PASS

TestMode	Antenna	Frequency[MHz]	Result	Limit	Verdict
11N40SISO	Ant1	5190	-7.22 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5230	1.35 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5270	1.86 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5310	-5.45 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5510	-3.96 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5550	1.08 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5630	1.39 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5670	-1.77 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5710_UNII-2C	1.03 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5710_UNII-3	-3.54 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5755	-1.81 dBm/500kHz	≤30.00/500kHz	PASS
		5795	-2.31 dBm/500kHz	≤30.00/500kHz	PASS
11AC20SISO	Ant1	5180	0.96 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5200	4.36 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5240	4.43 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5260	5.01 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5280	5.03 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5300	5.39 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5320	3.74 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5500	1.35 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5520	4.52 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5580	4.14 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5680	2.68 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5700	-0.57 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5720_UNII-2C	4.09 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5720_UNII-3	-0.15 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5745	1.43 dBm/500kHz	≤30.00/500kHz	PASS
		5785	0.8 dBm/500kHz	≤30.00/500kHz	PASS
		5825	1.19 dBm/500kHz	≤30.00/500kHz	PASS

TestMode	Antenna	Frequency[MHz]	Result	Limit	Verdict
11AC40SISO	Ant1	5190	-7.28 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5230	1.31 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5270	1.82 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5310	-5.24 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5510	-3.95 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5550	1.09 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5630	1.41 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5670	-1.82 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5710_UNII-2C	0.97 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5710_UNII-3	-3.56 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5755	-1.75 dBm/500kHz	≤30.00/500kHz	PASS
		5795	-2.27 dBm/500kHz	≤30.00/500kHz	PASS
11AC80SISO	Ant1	5210	-9.4 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5290	-8.61 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5530	-8.56 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5610	-2.64 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5690_UNII-2C	-3.43 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5690_UNII-3	-7.44 dBm/1MHz	≤11.00 dBm/MHz	PASS
		5775	-5.92 dBm/500kHz	≤30.00/500kHz	PASS

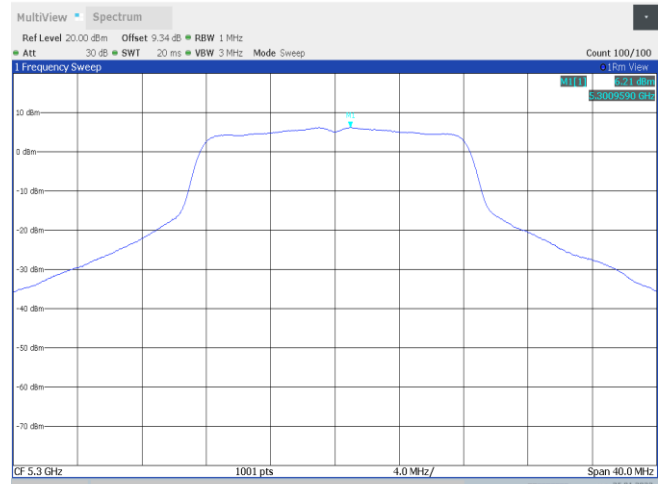
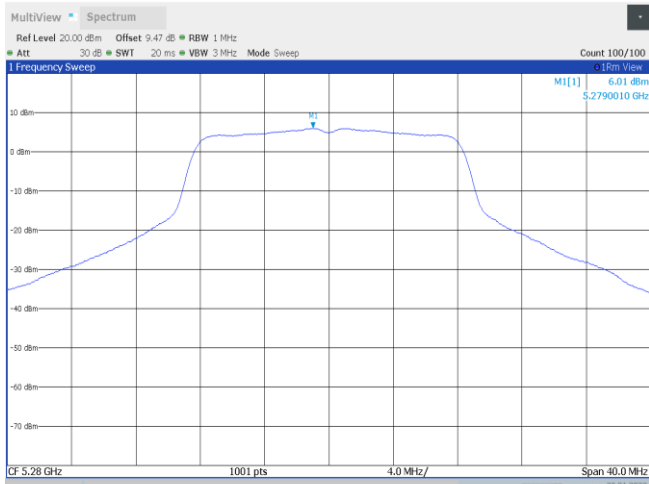
Note: The Duty Cycle Factor is compensated in the graph.

5.2 TEST GRAPHS



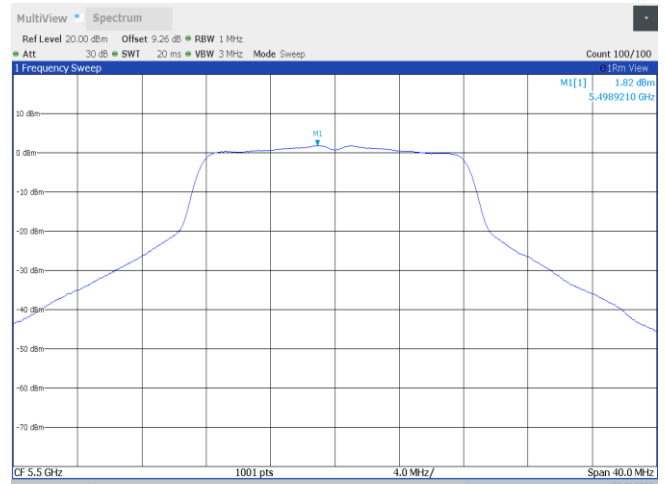
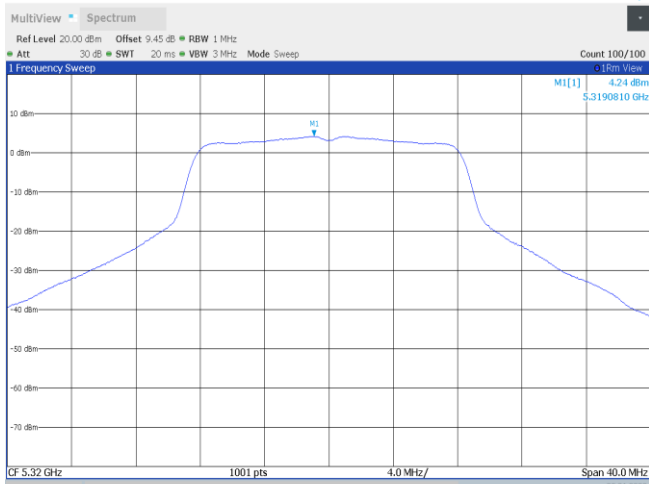
11A_Ant1_5280

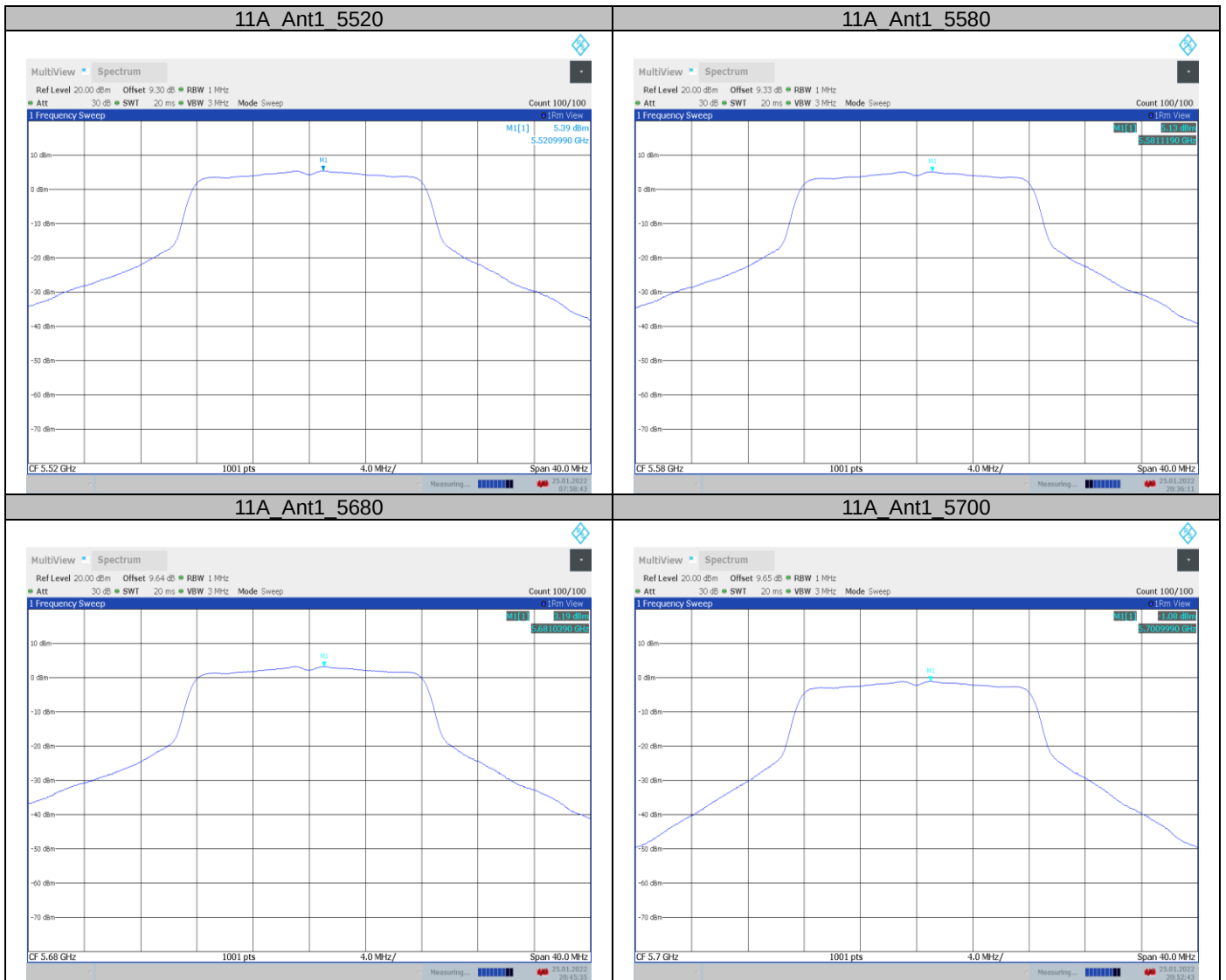
11A_Ant1_5300



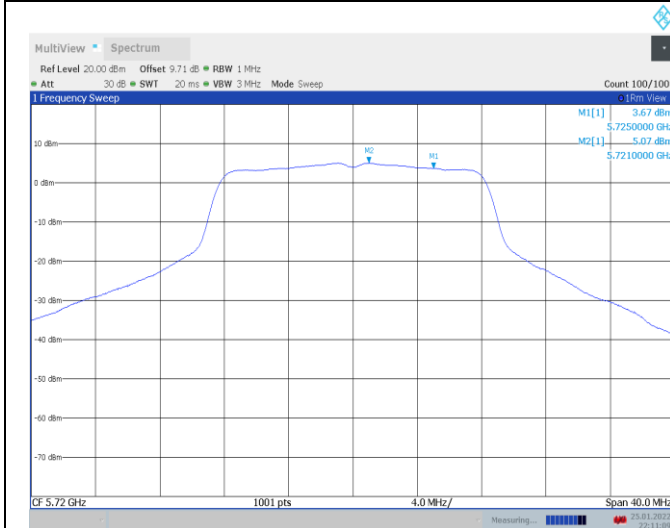
11A_Ant1_5320

11A_Ant1_5500

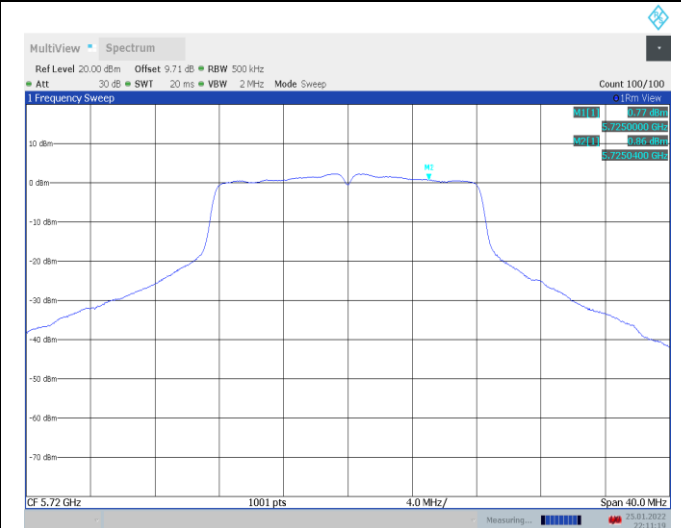




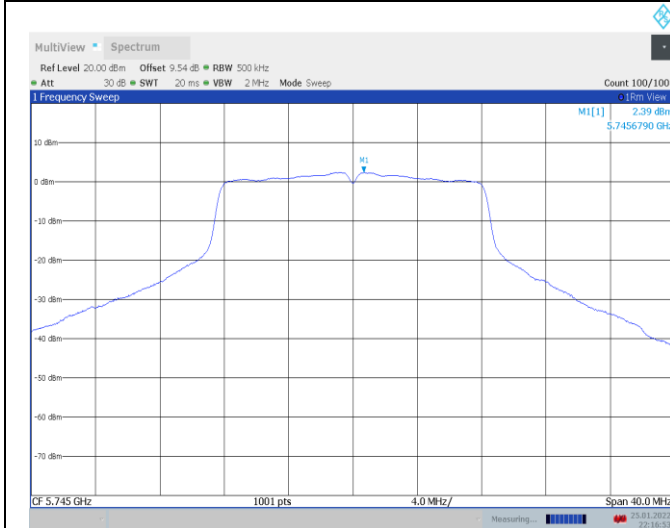
11A Ant1 5720 UNII-2C



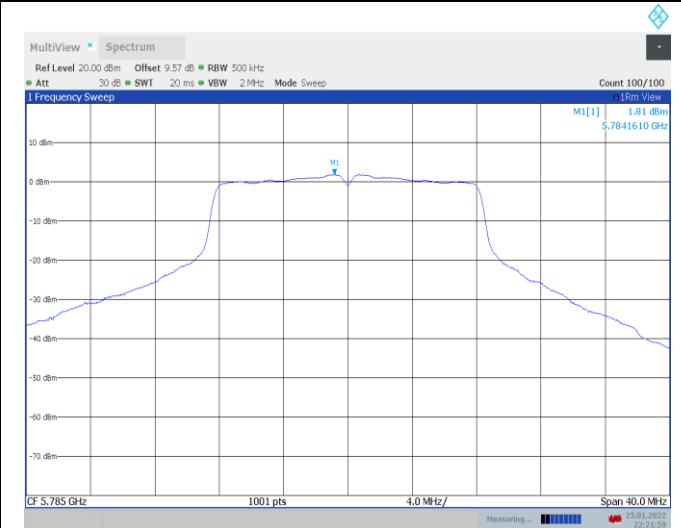
11A Ant1 5720 UNII-3

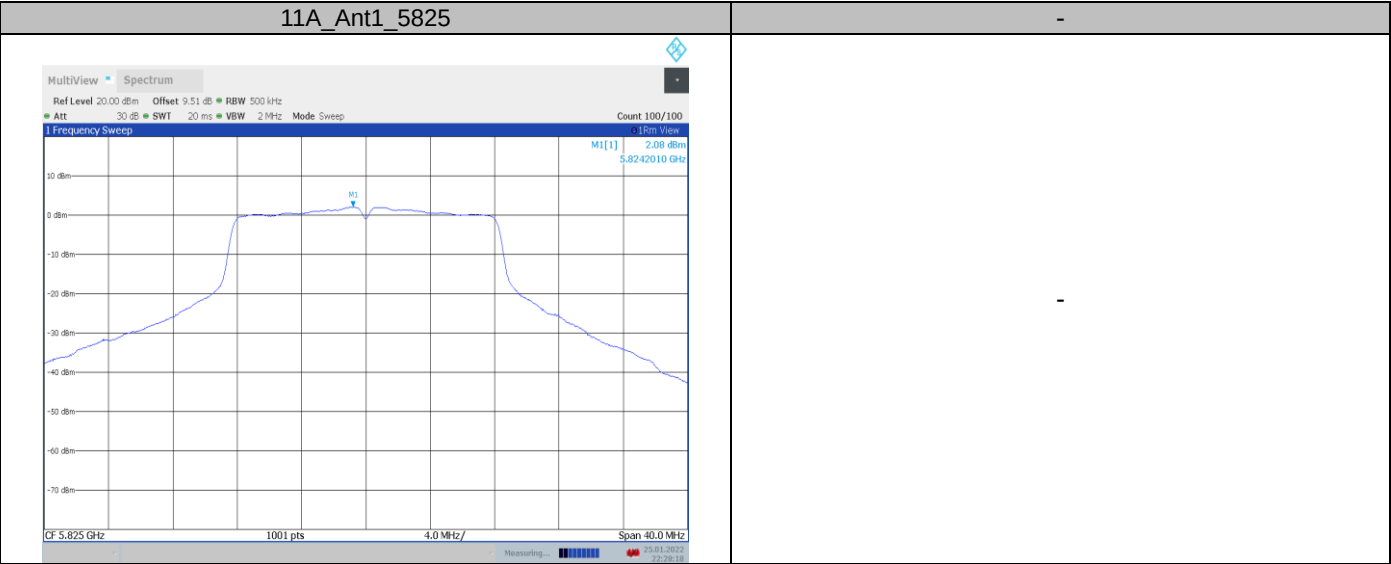


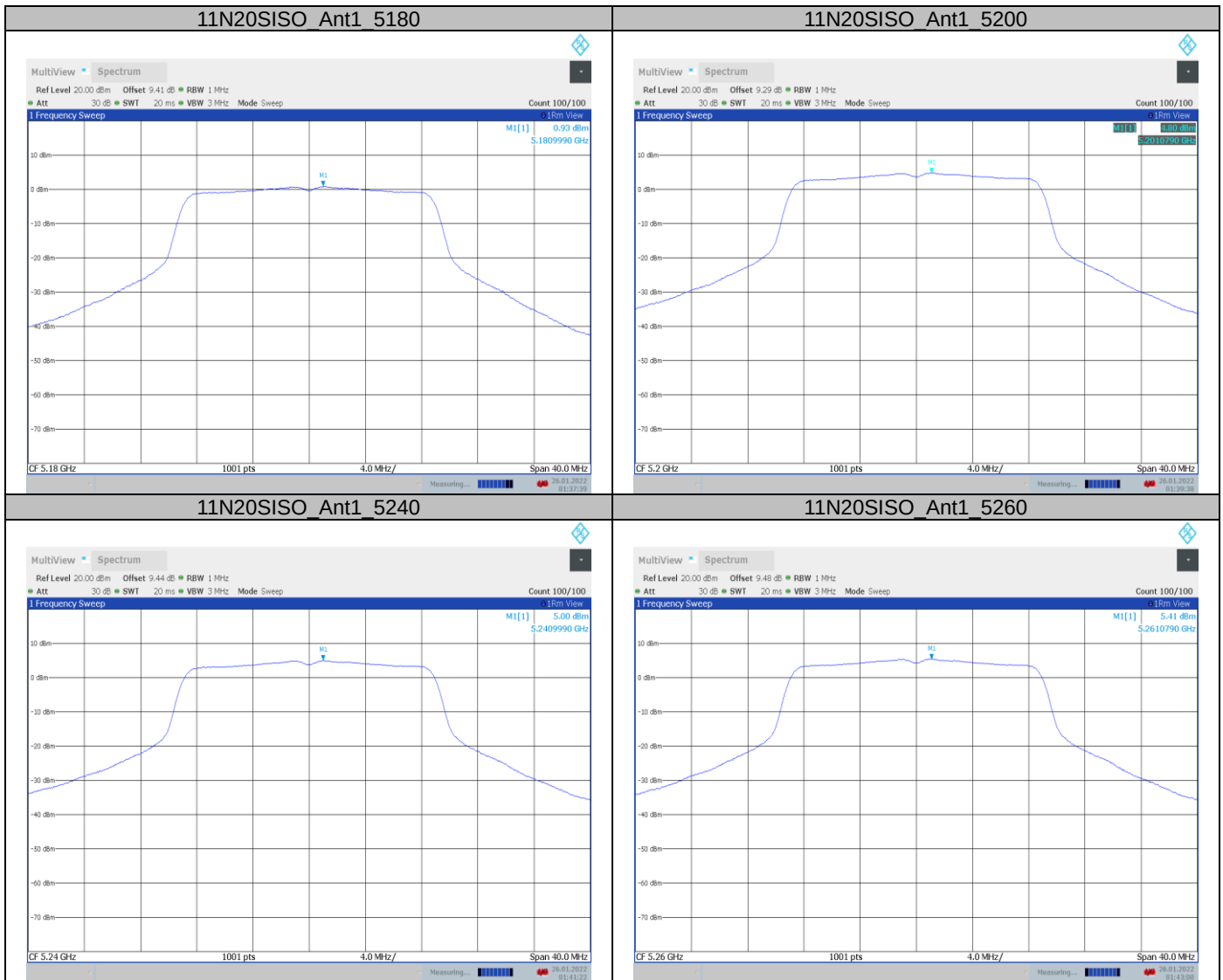
11A Ant1 5745



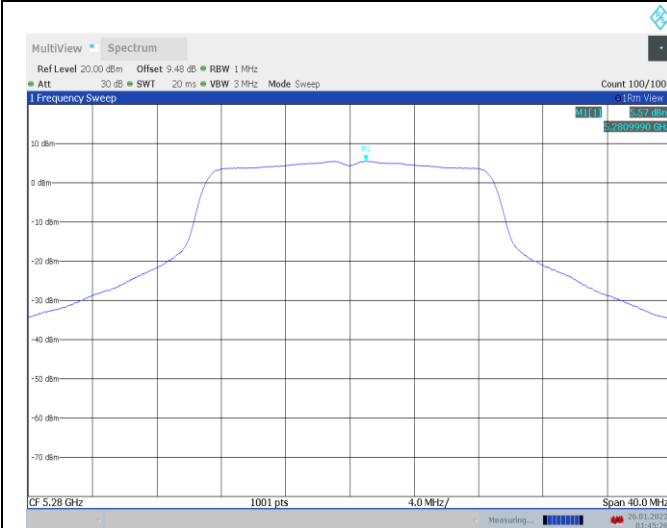
11A Ant1 5785



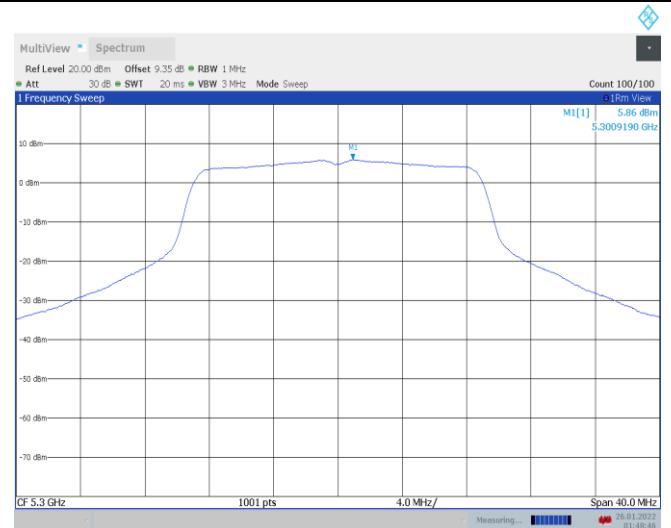




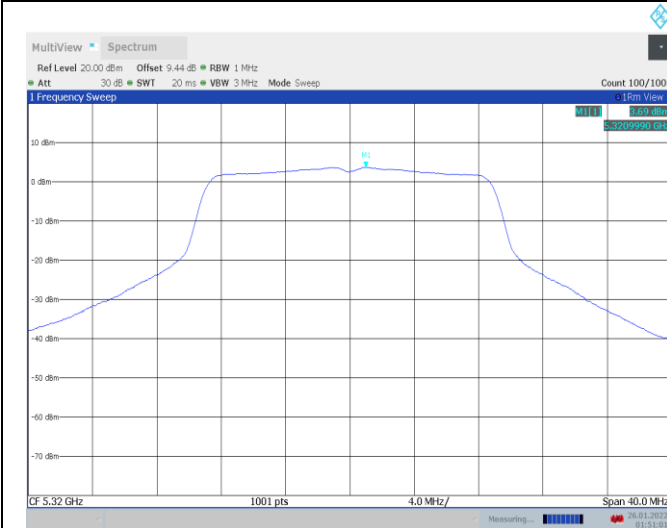
11N20SISO Ant1 5280



11N20SISO Ant1 5300



11N20SISO Ant1 5320



11N20SISO Ant1 5500

