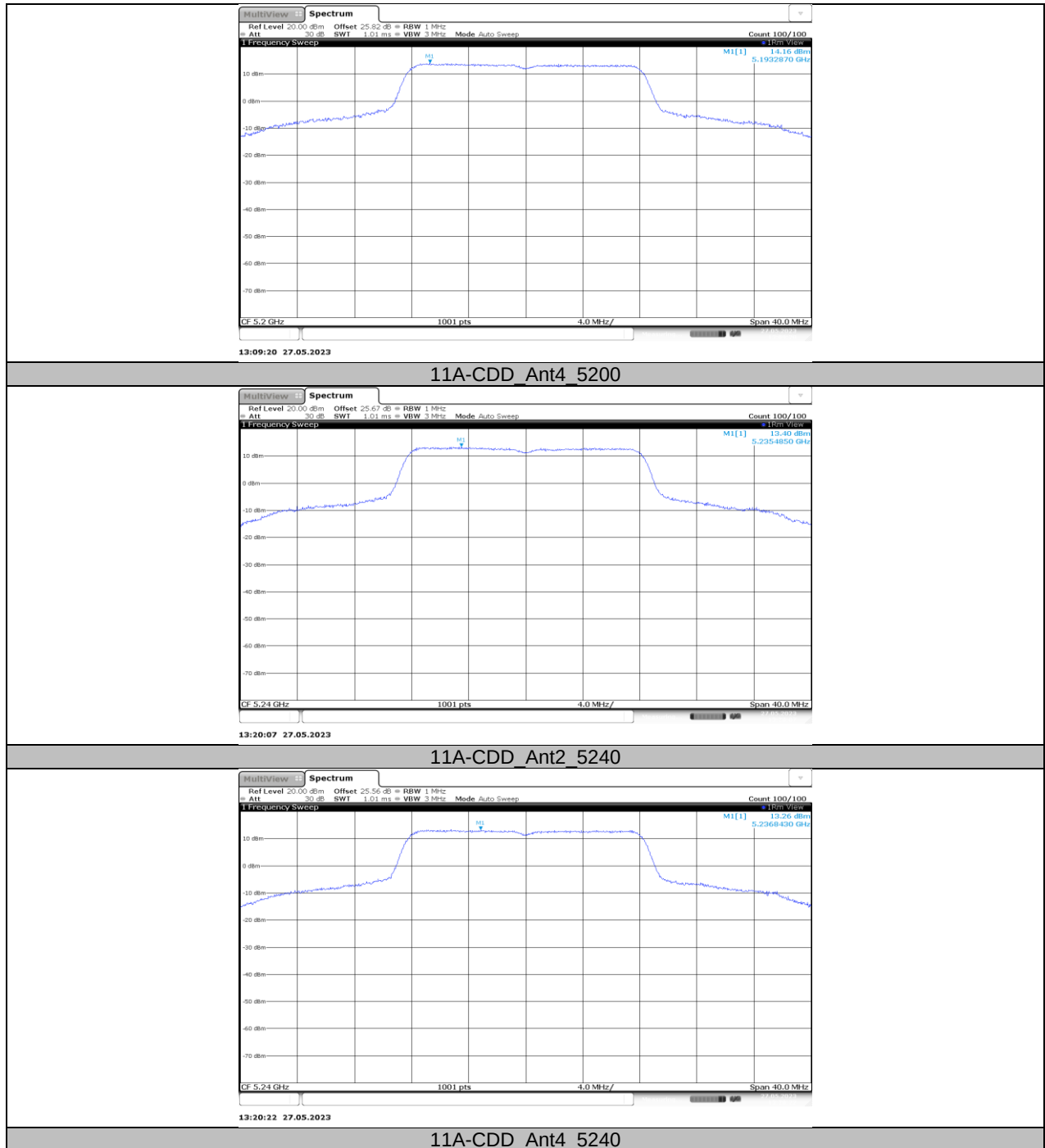
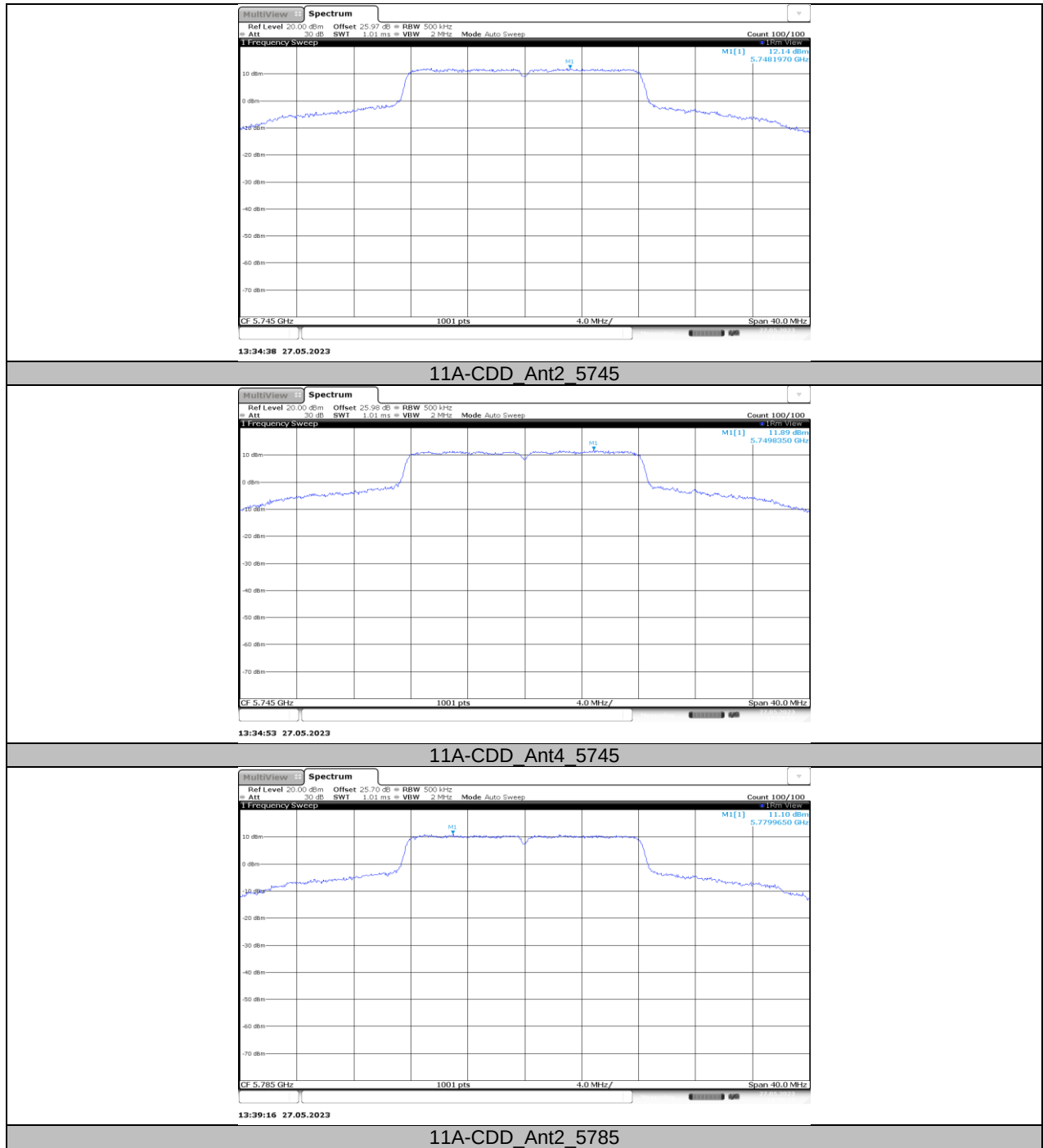
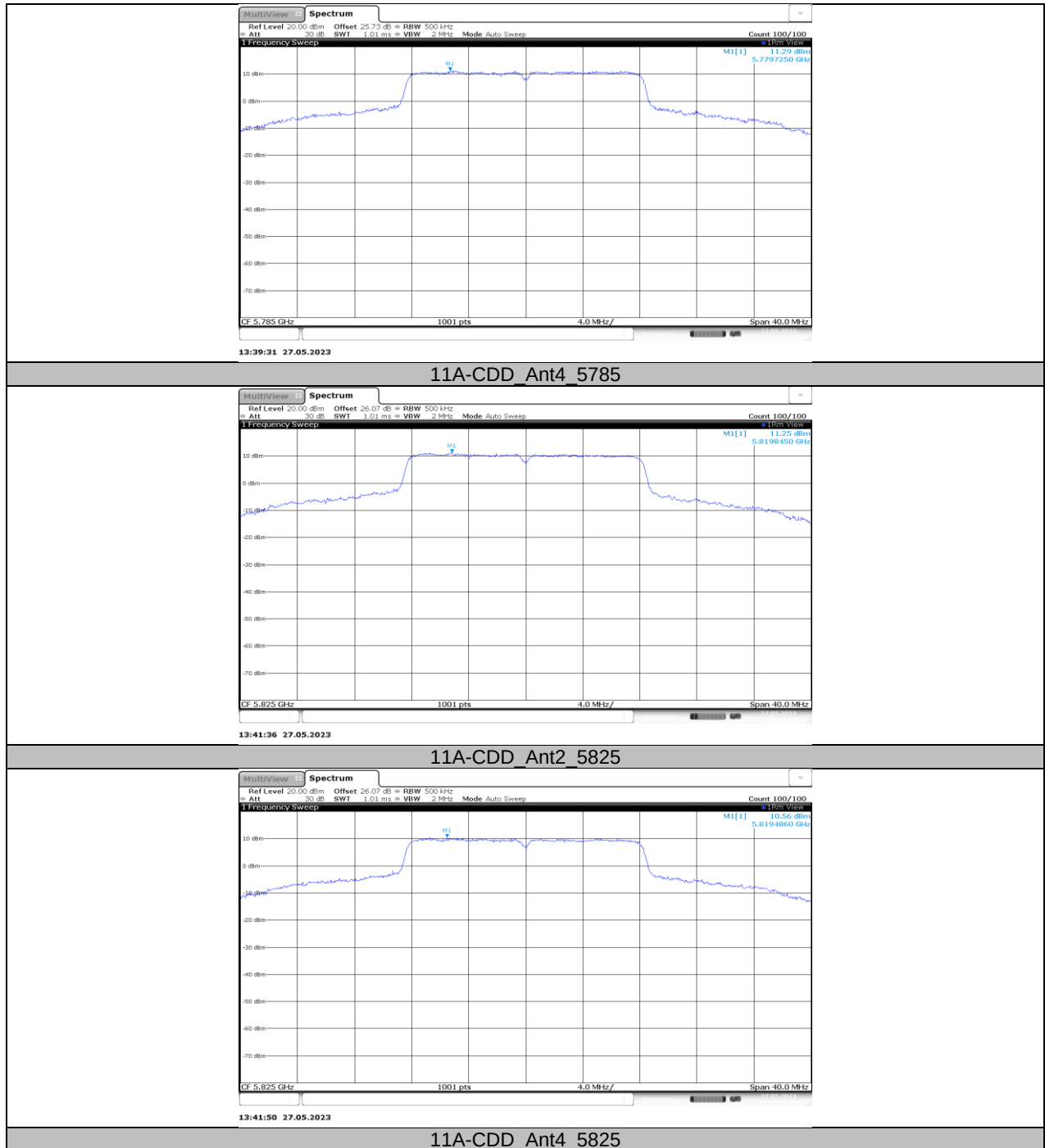
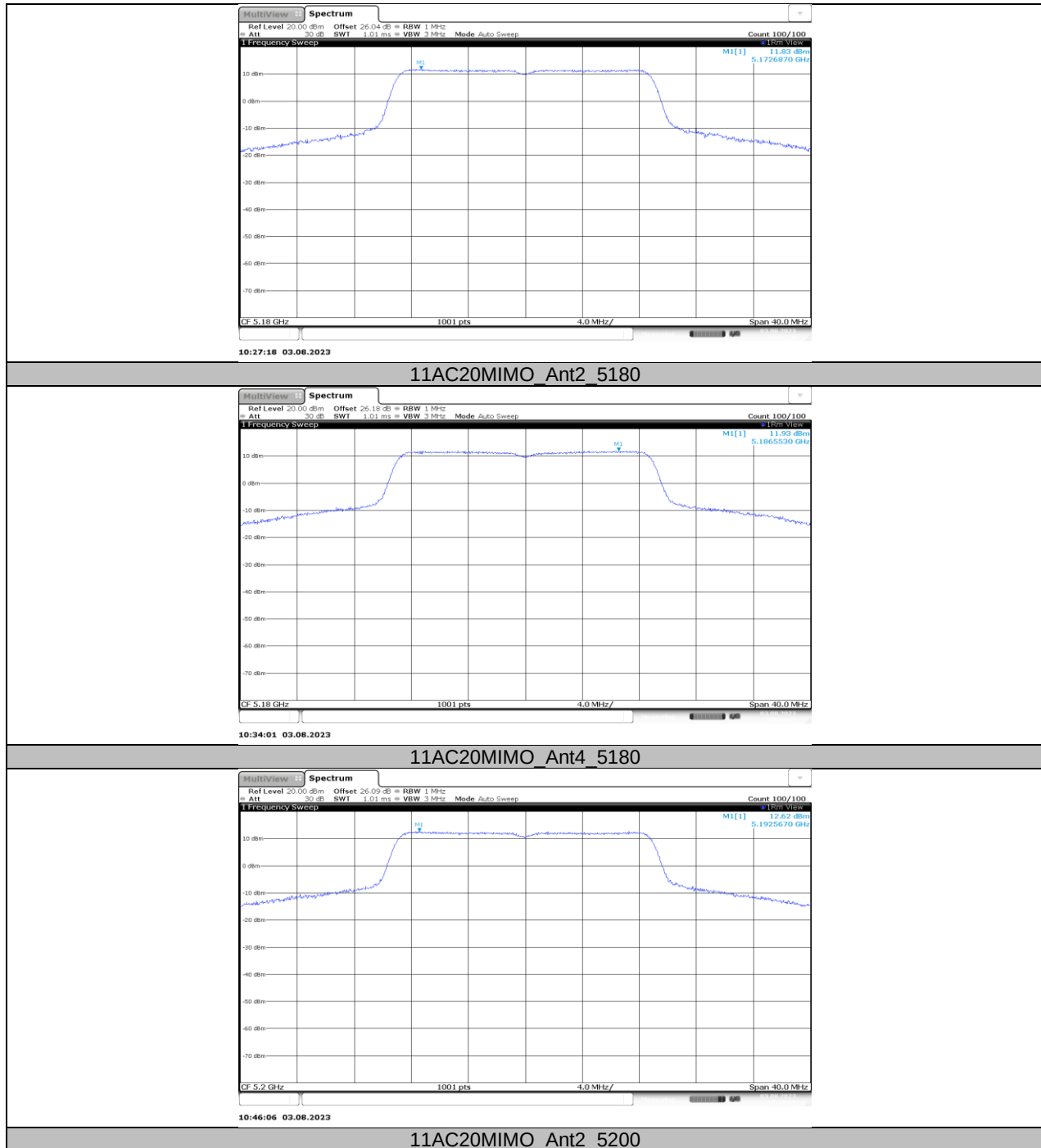
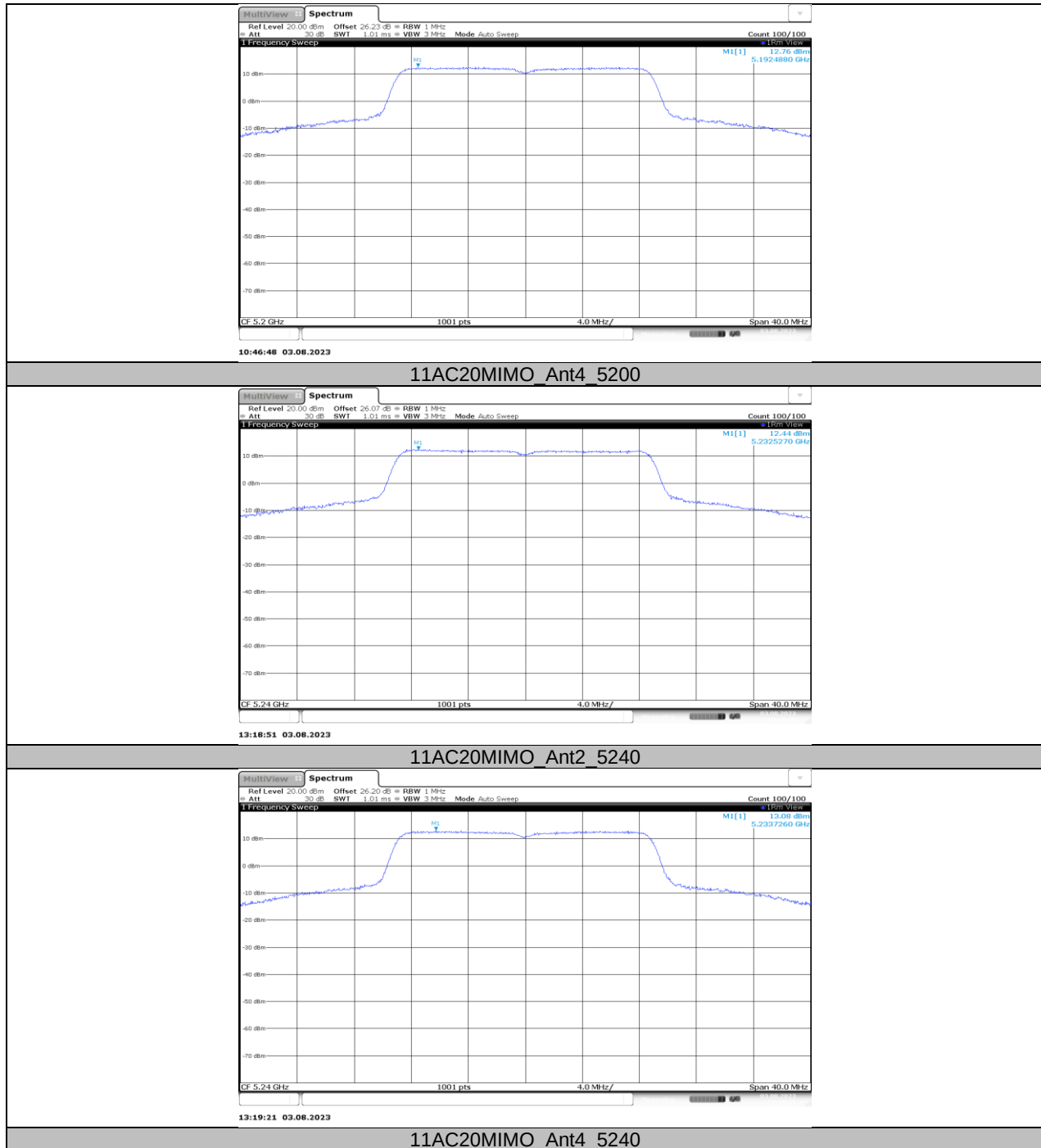


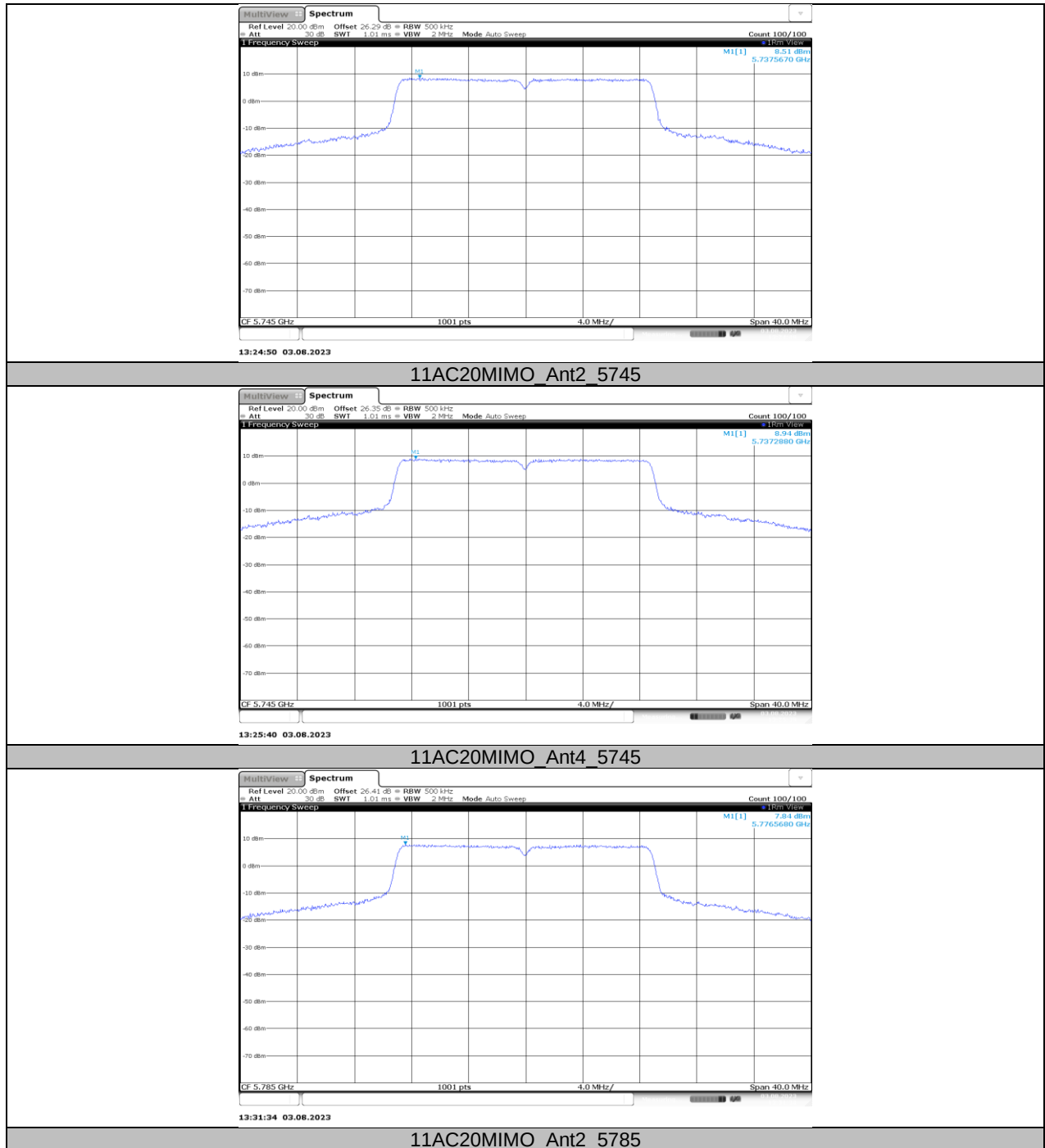


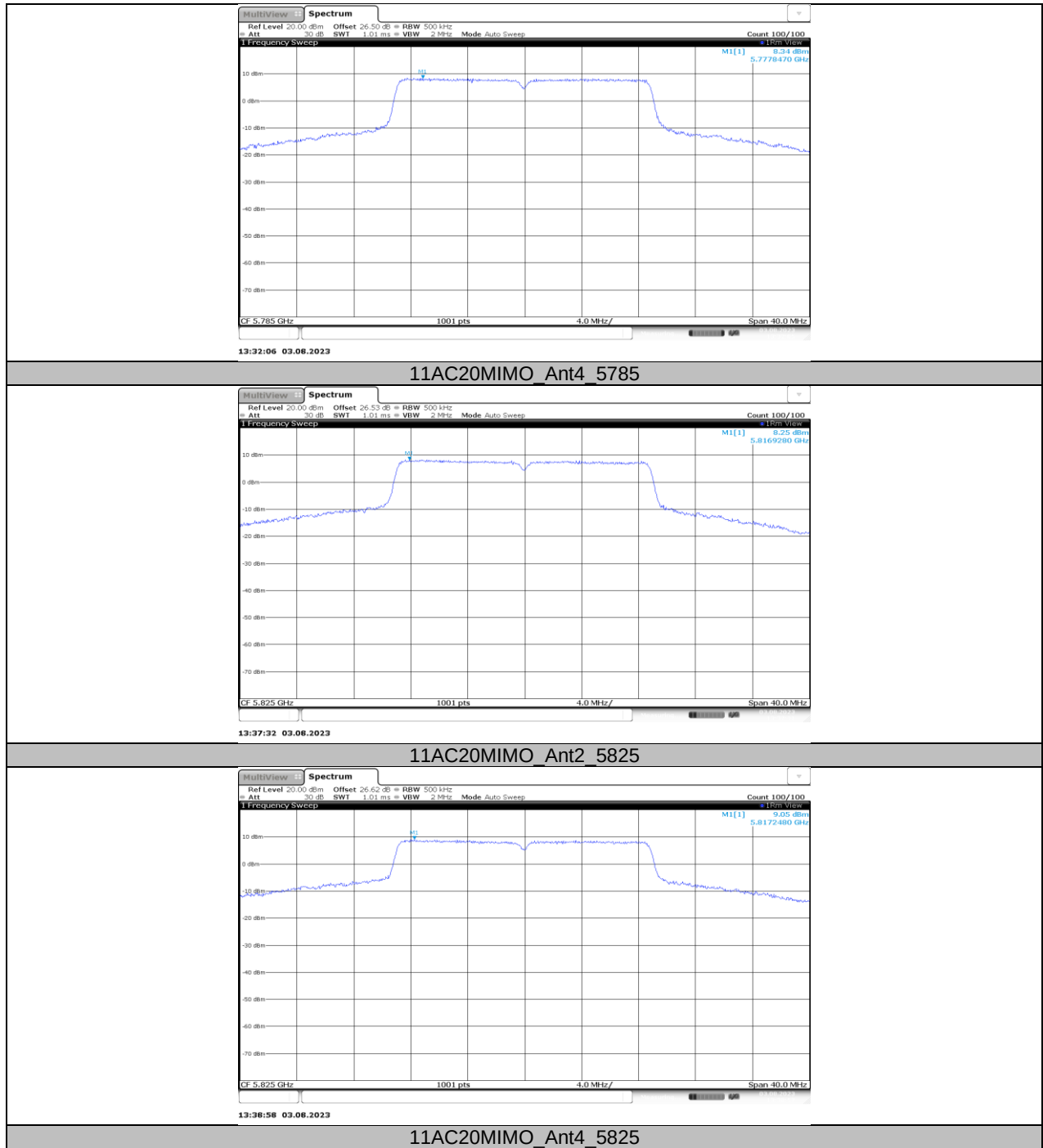


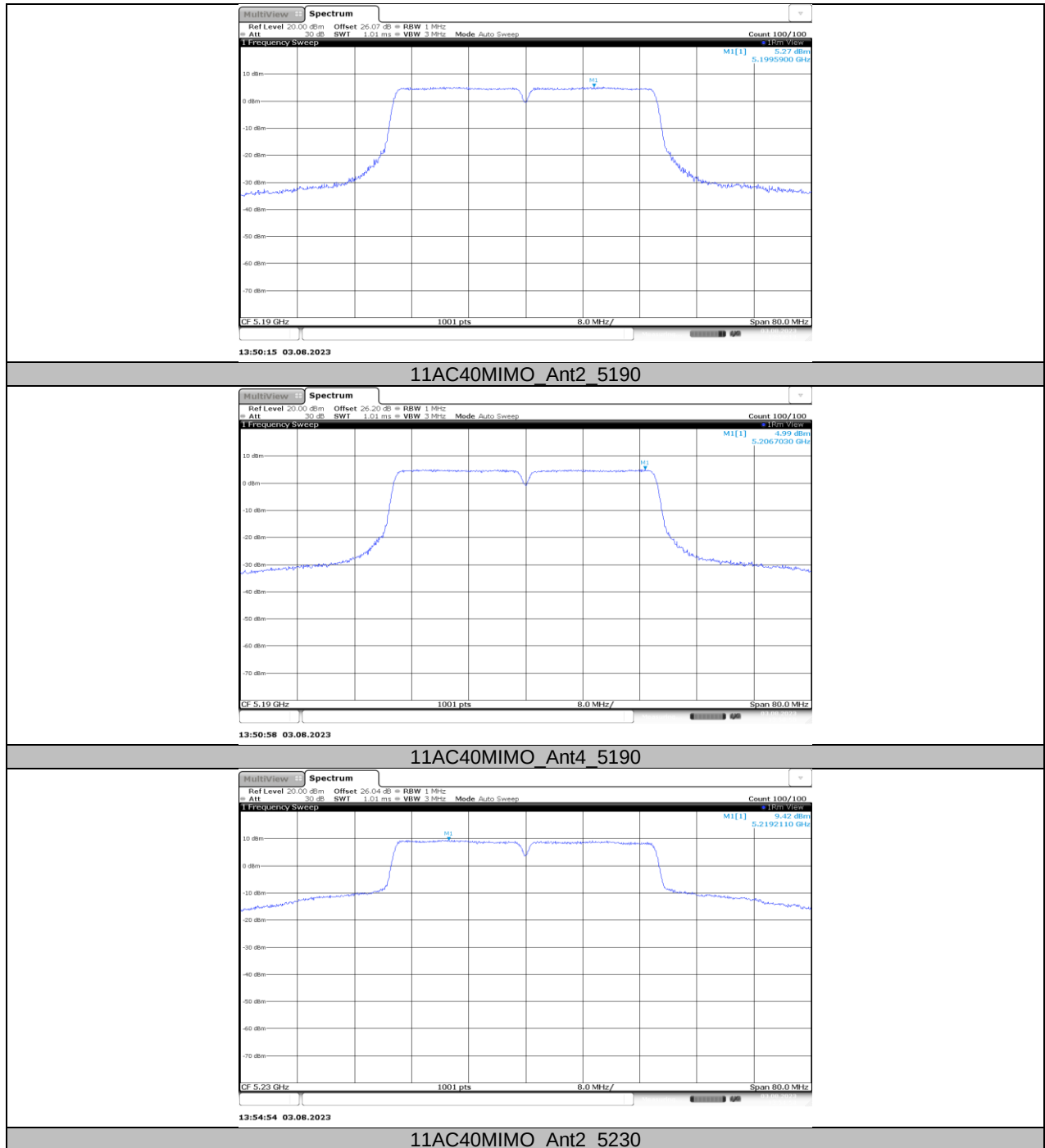


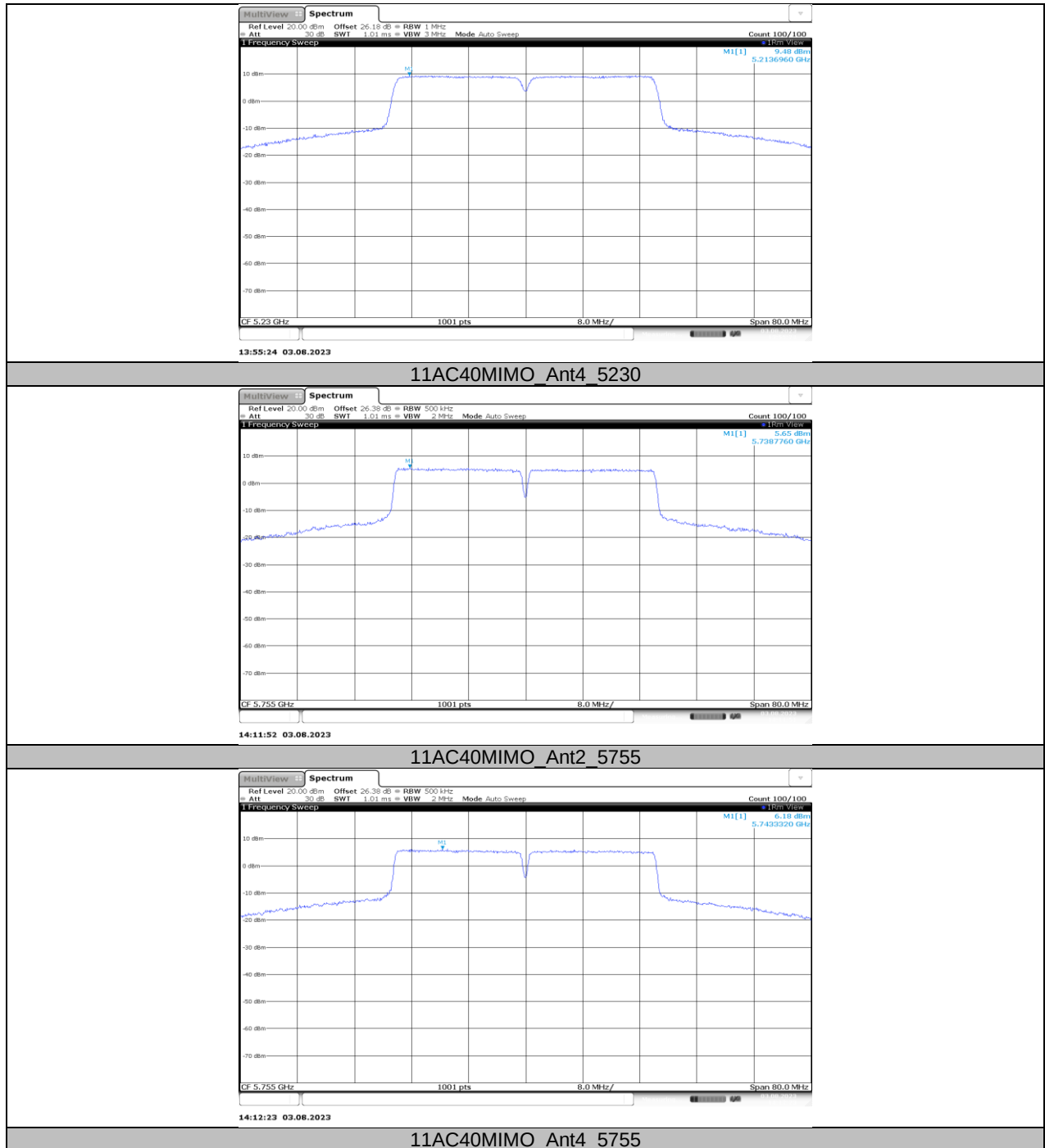


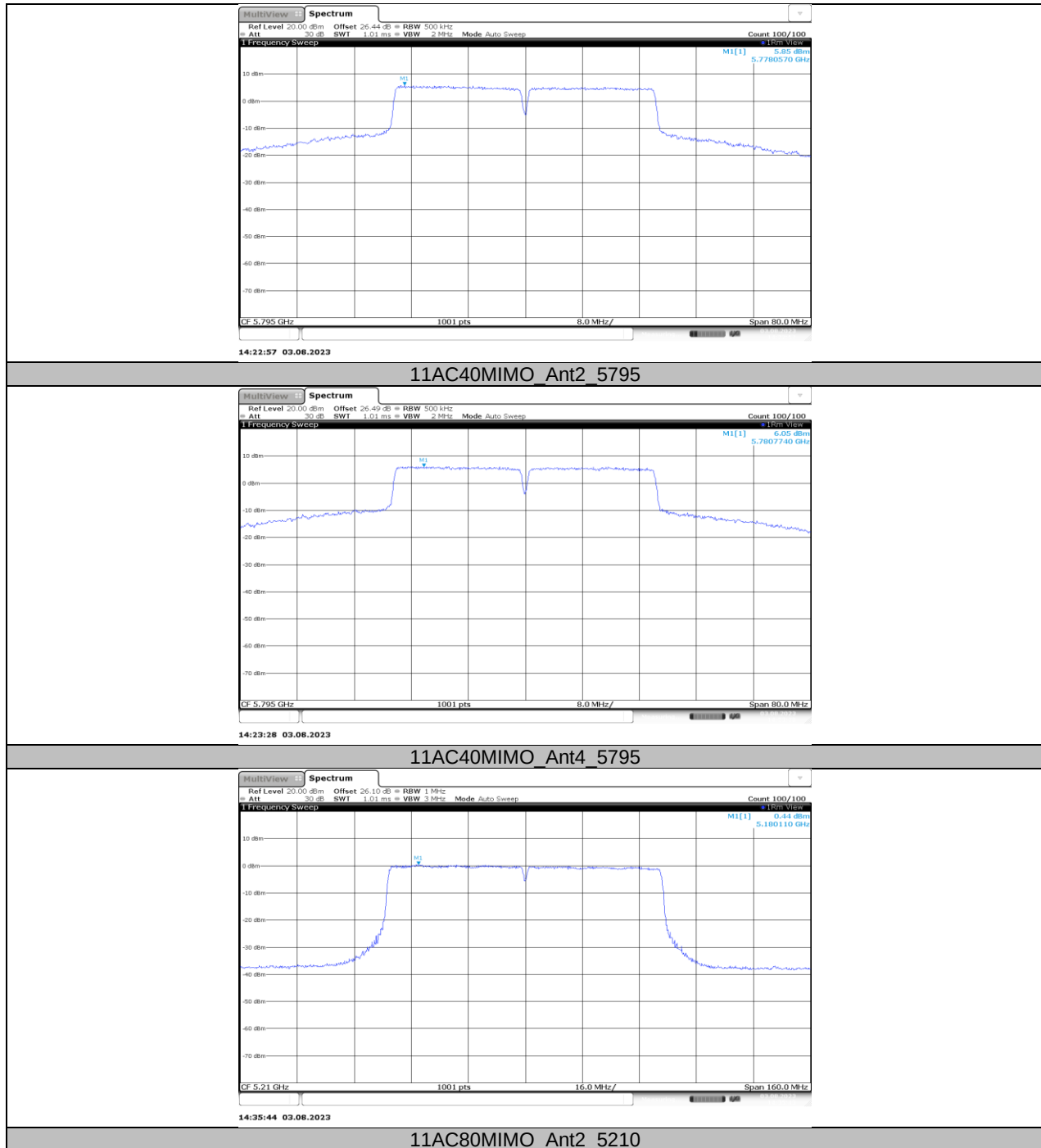


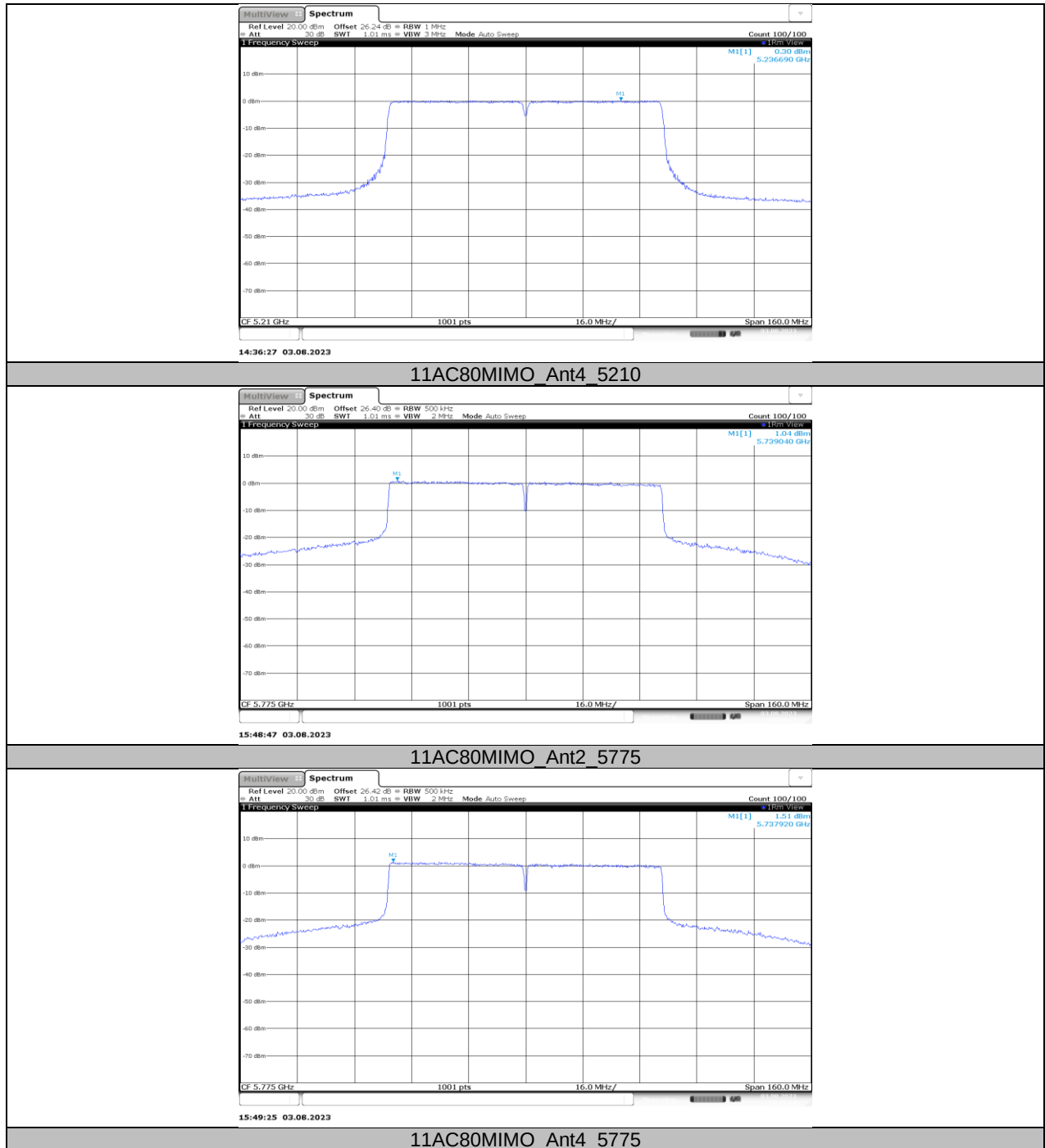


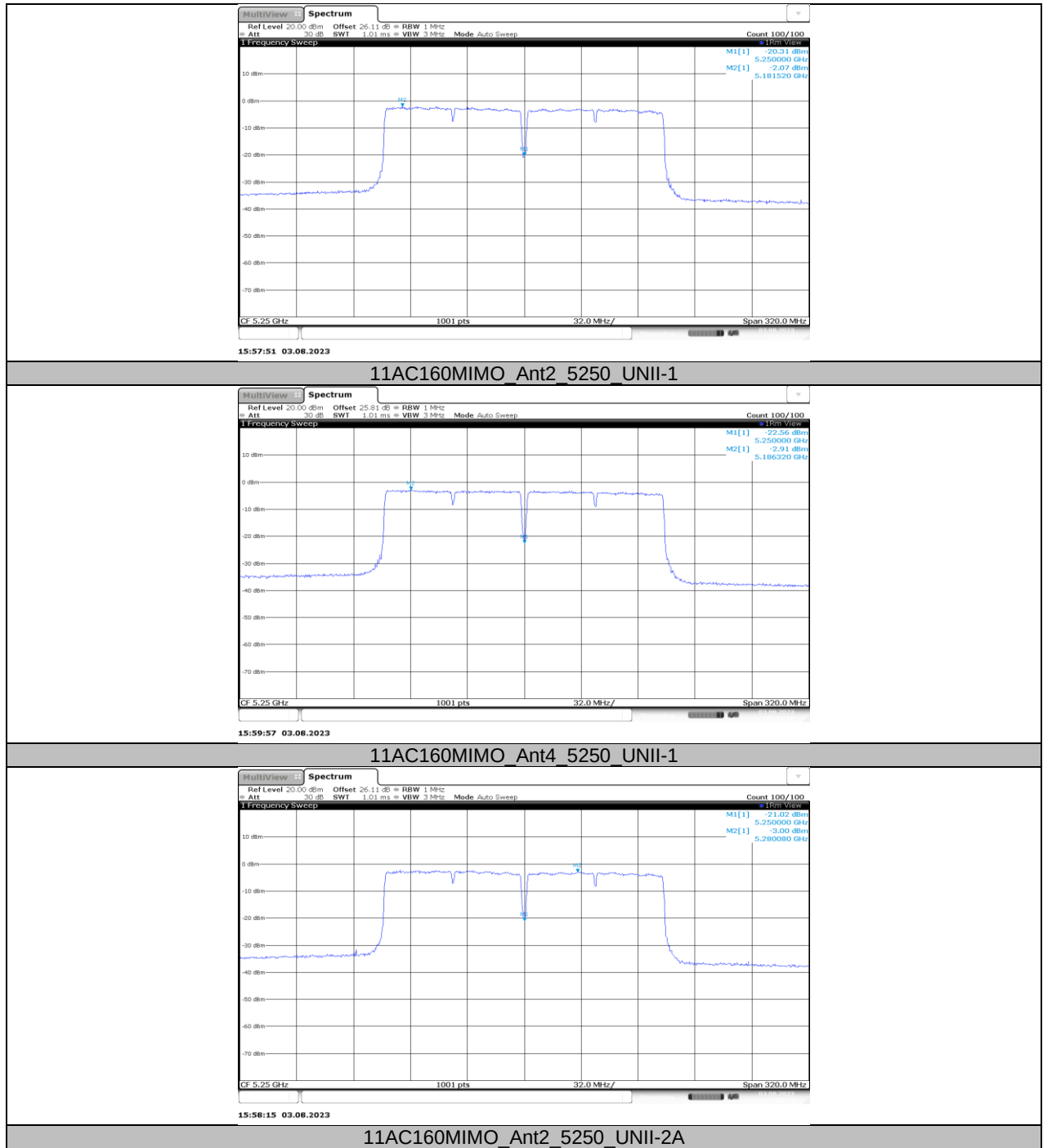


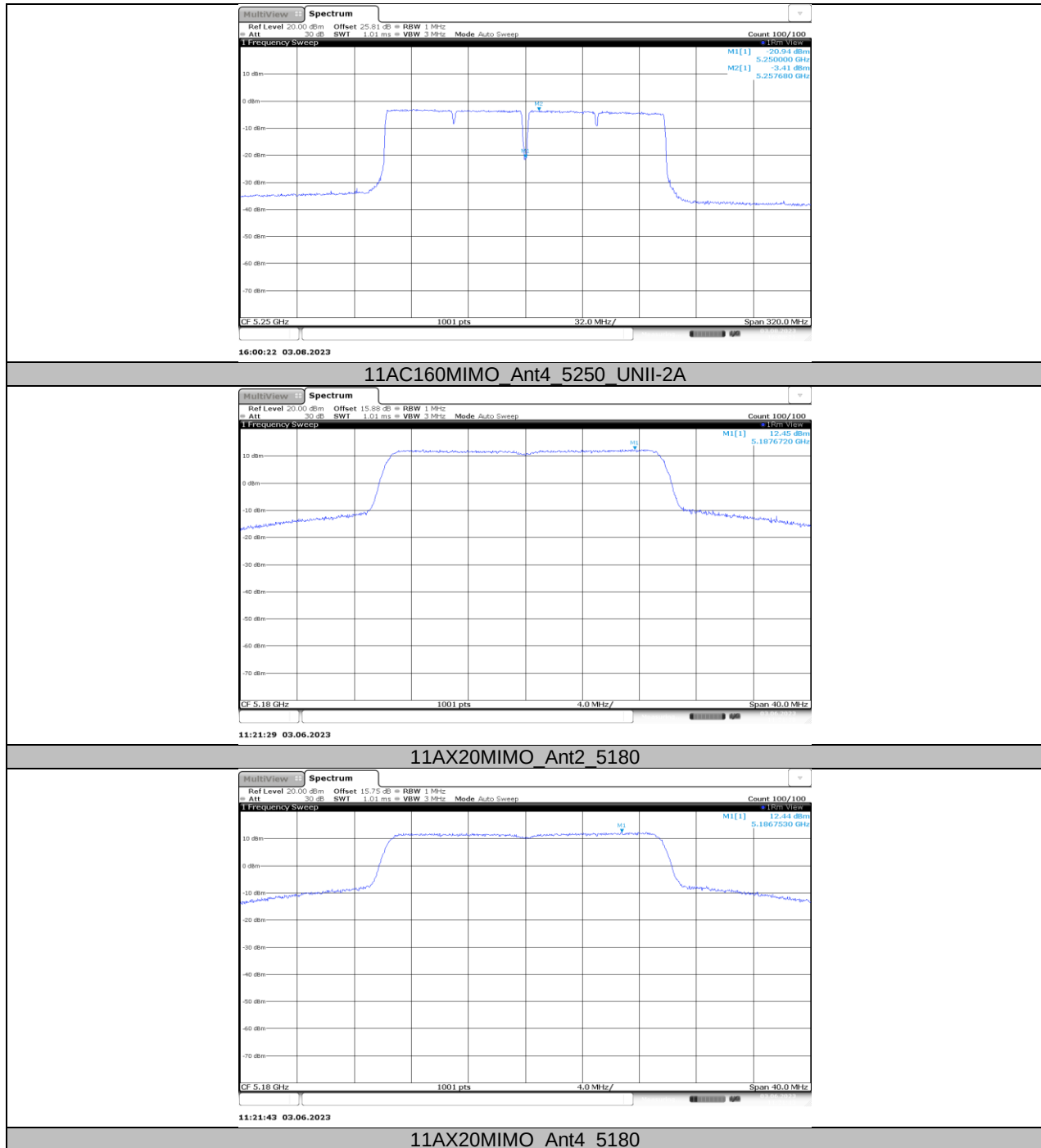


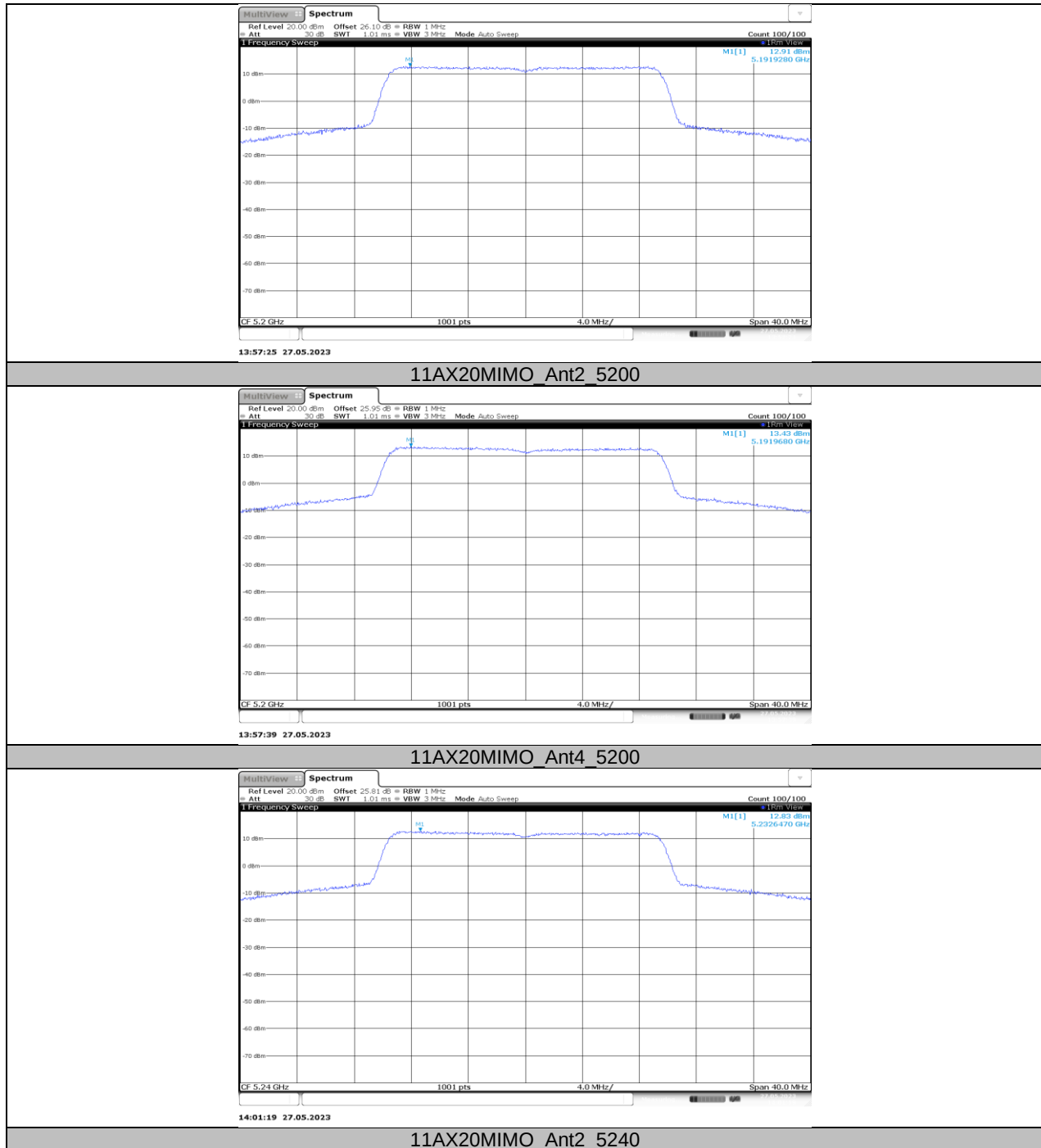


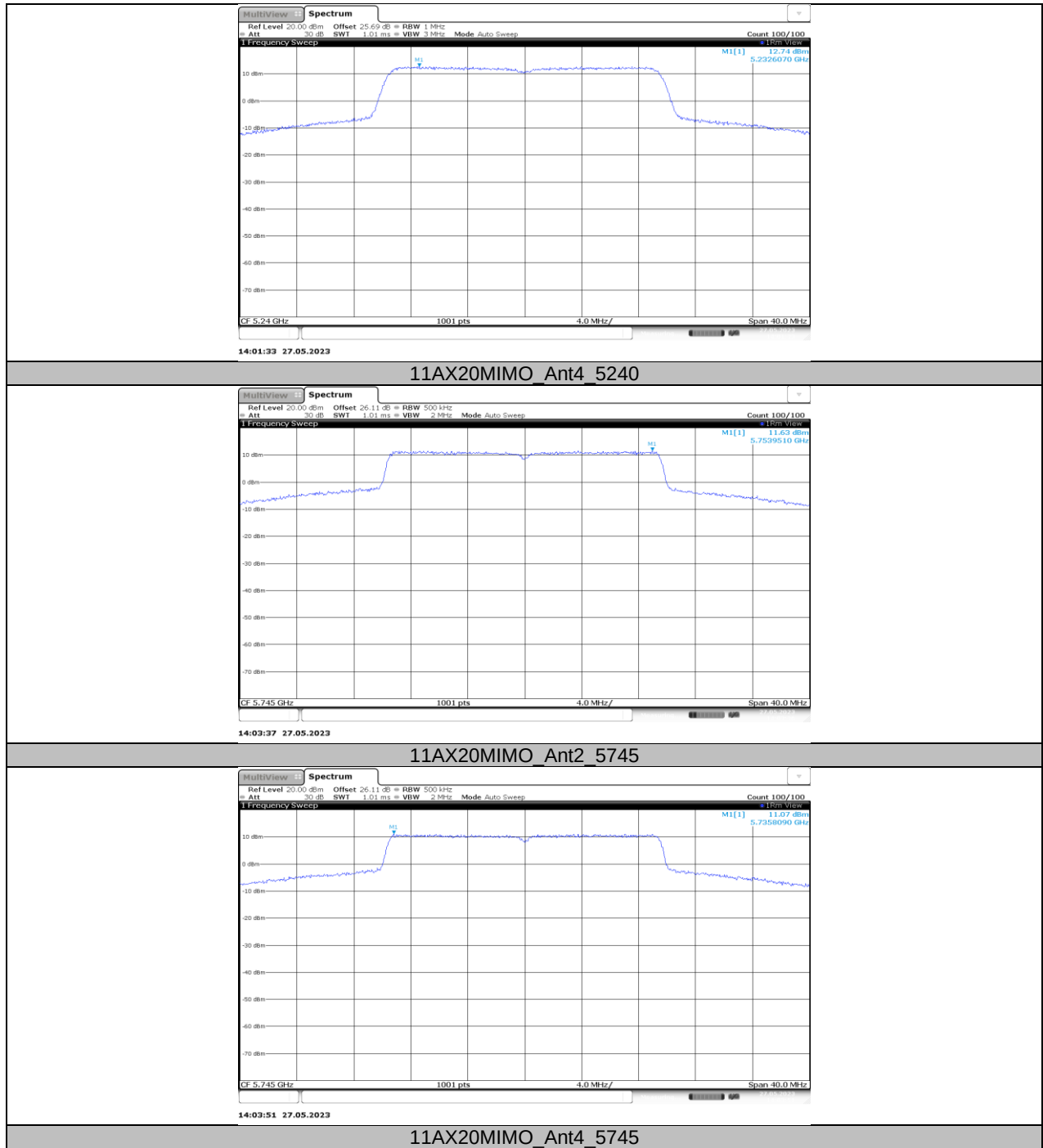


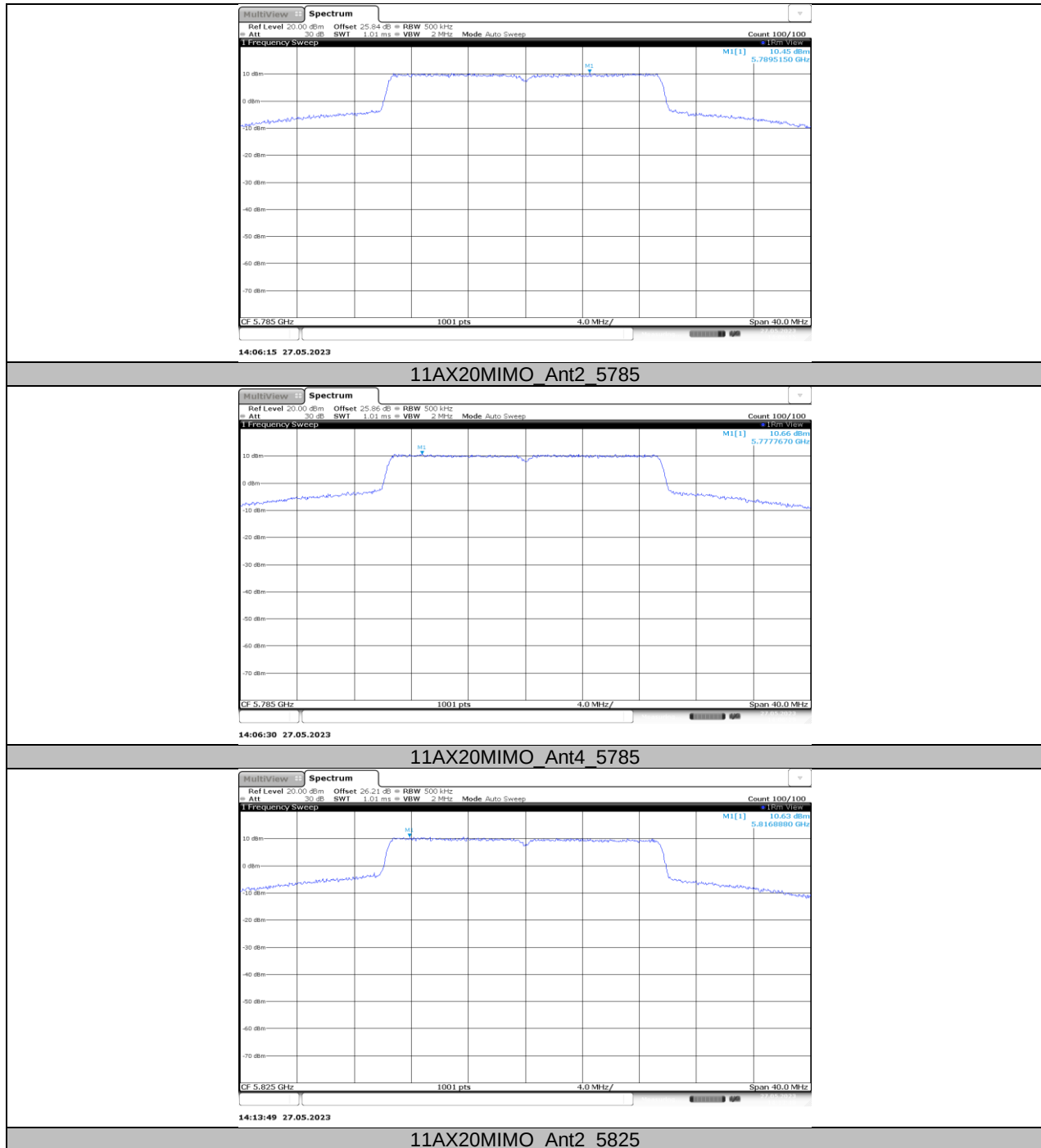


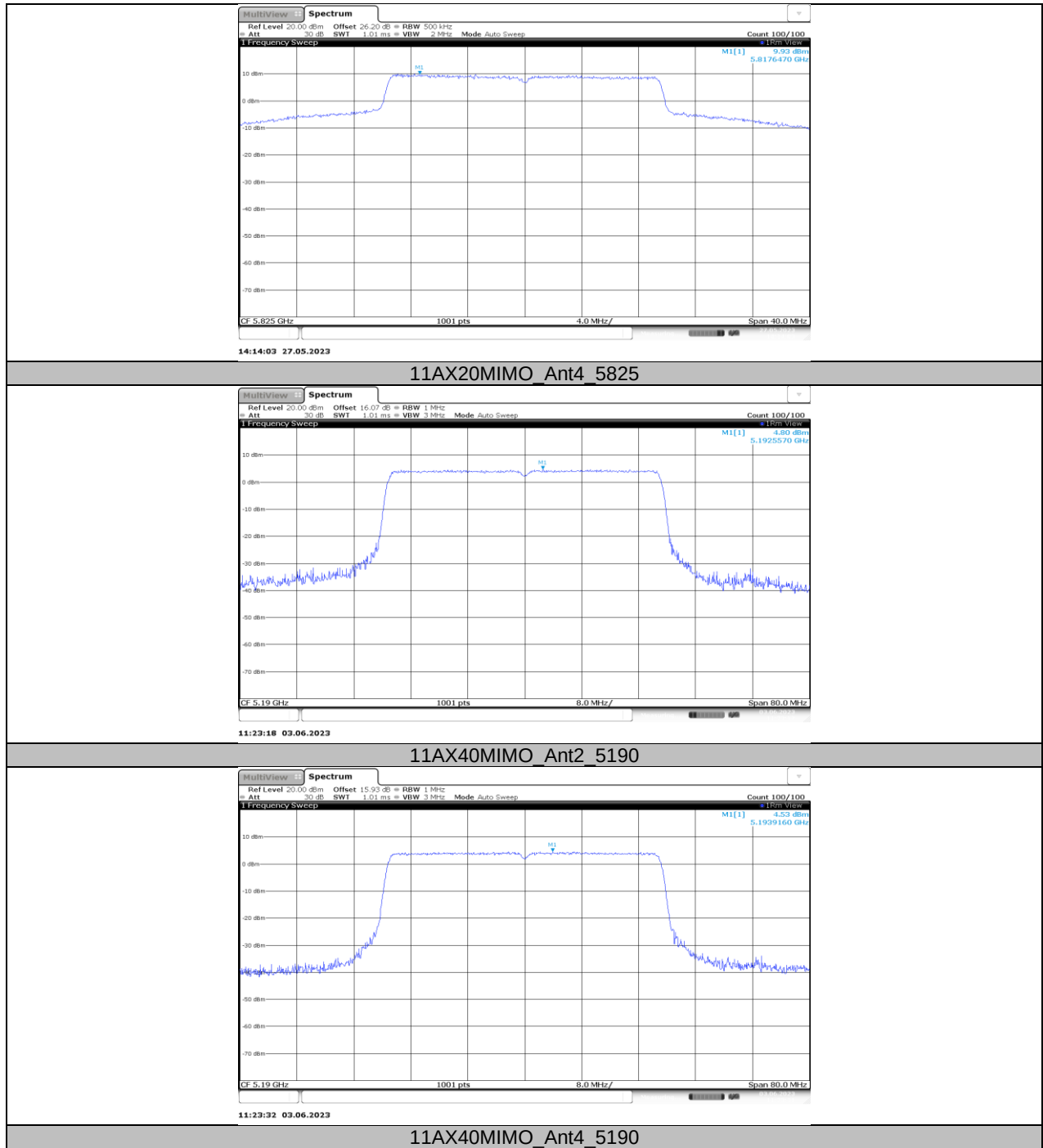


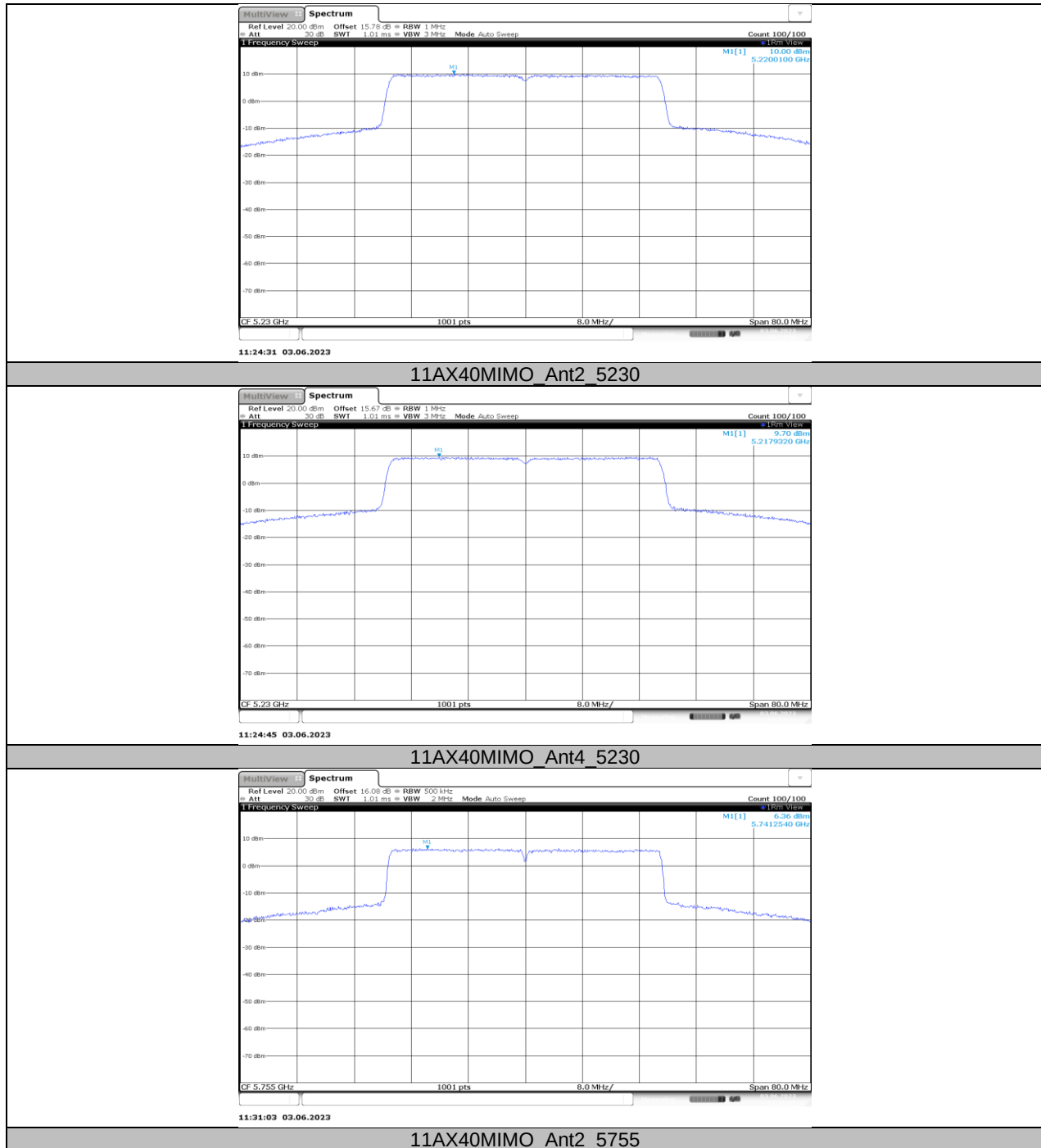


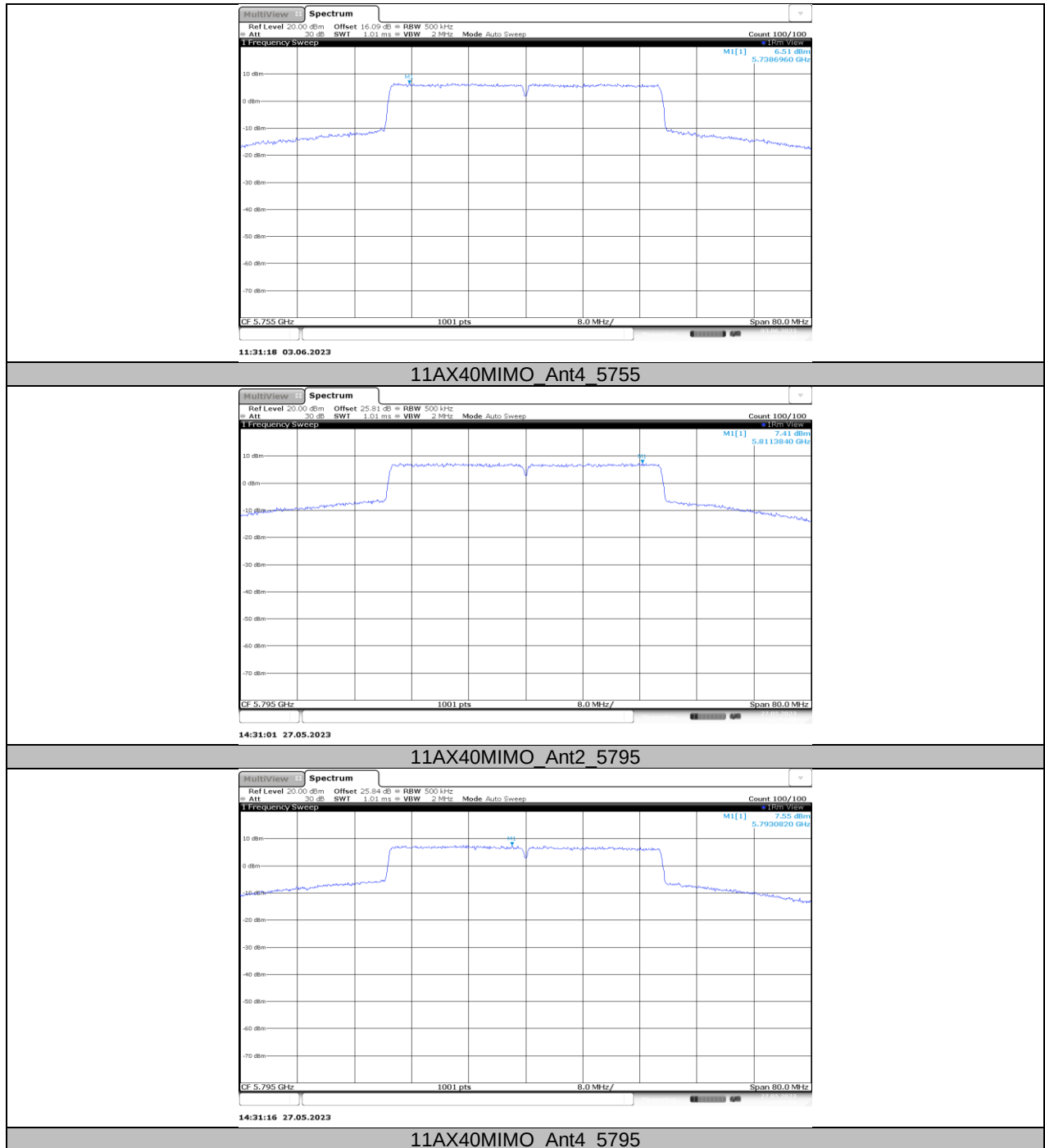


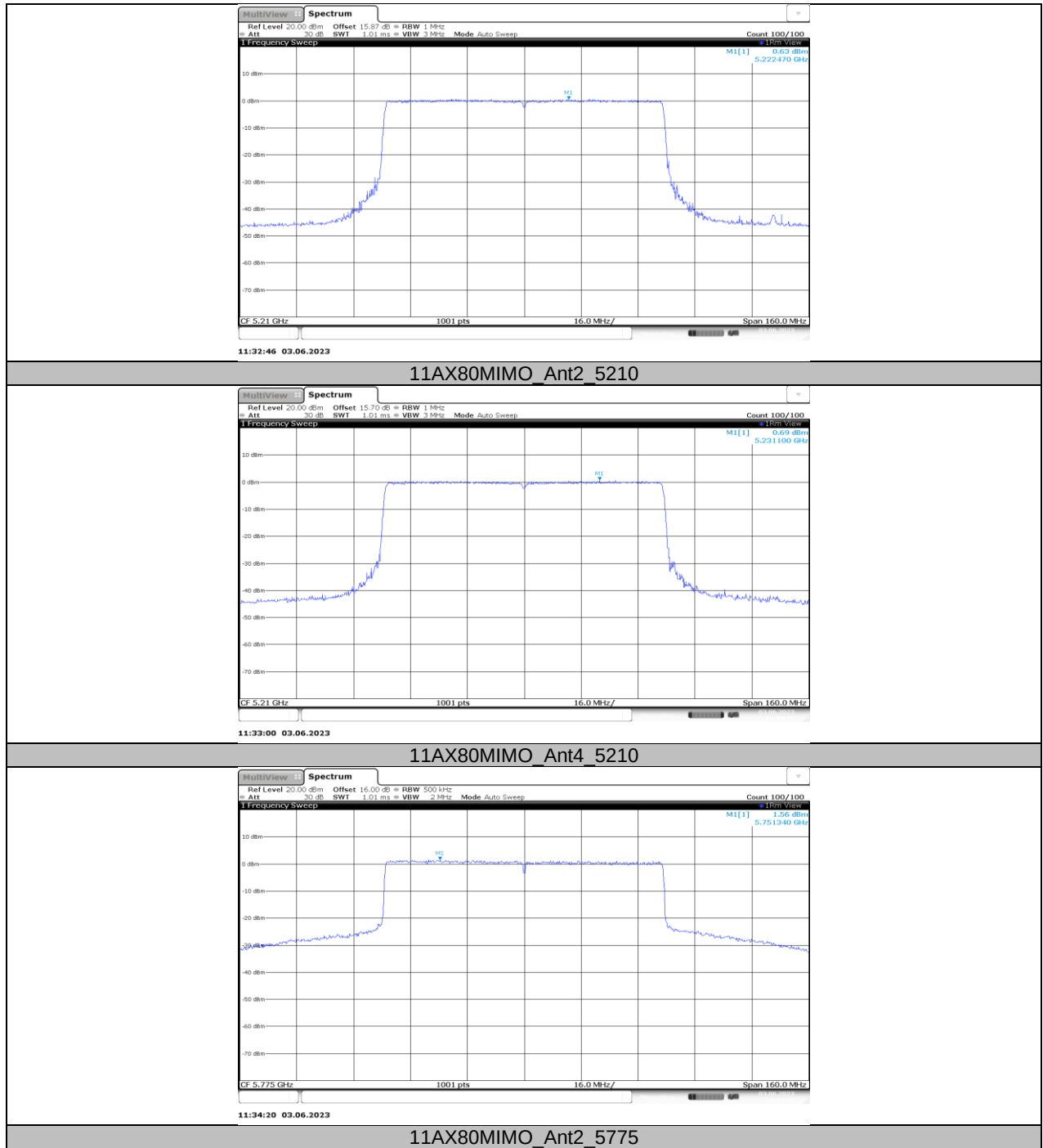


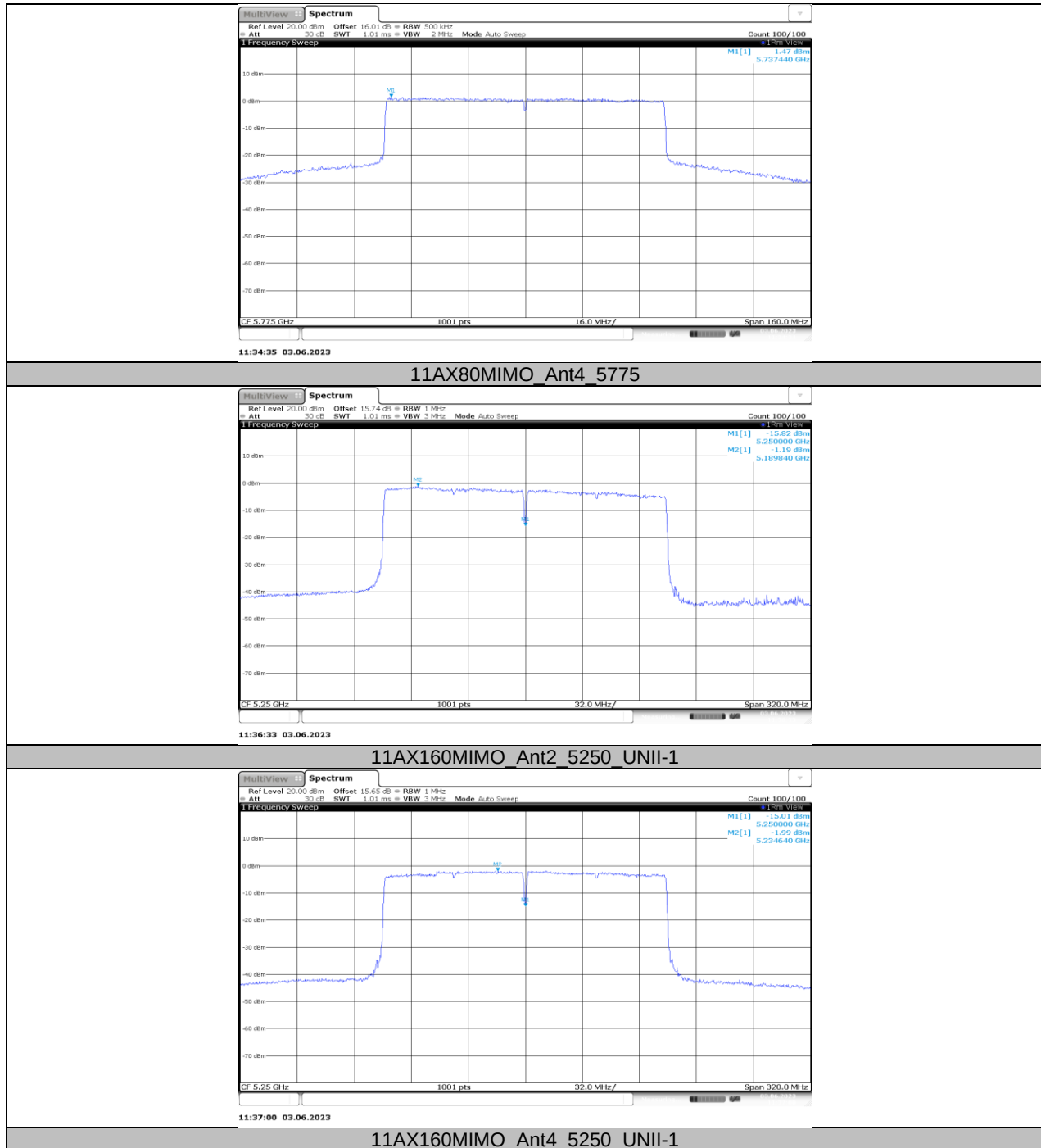


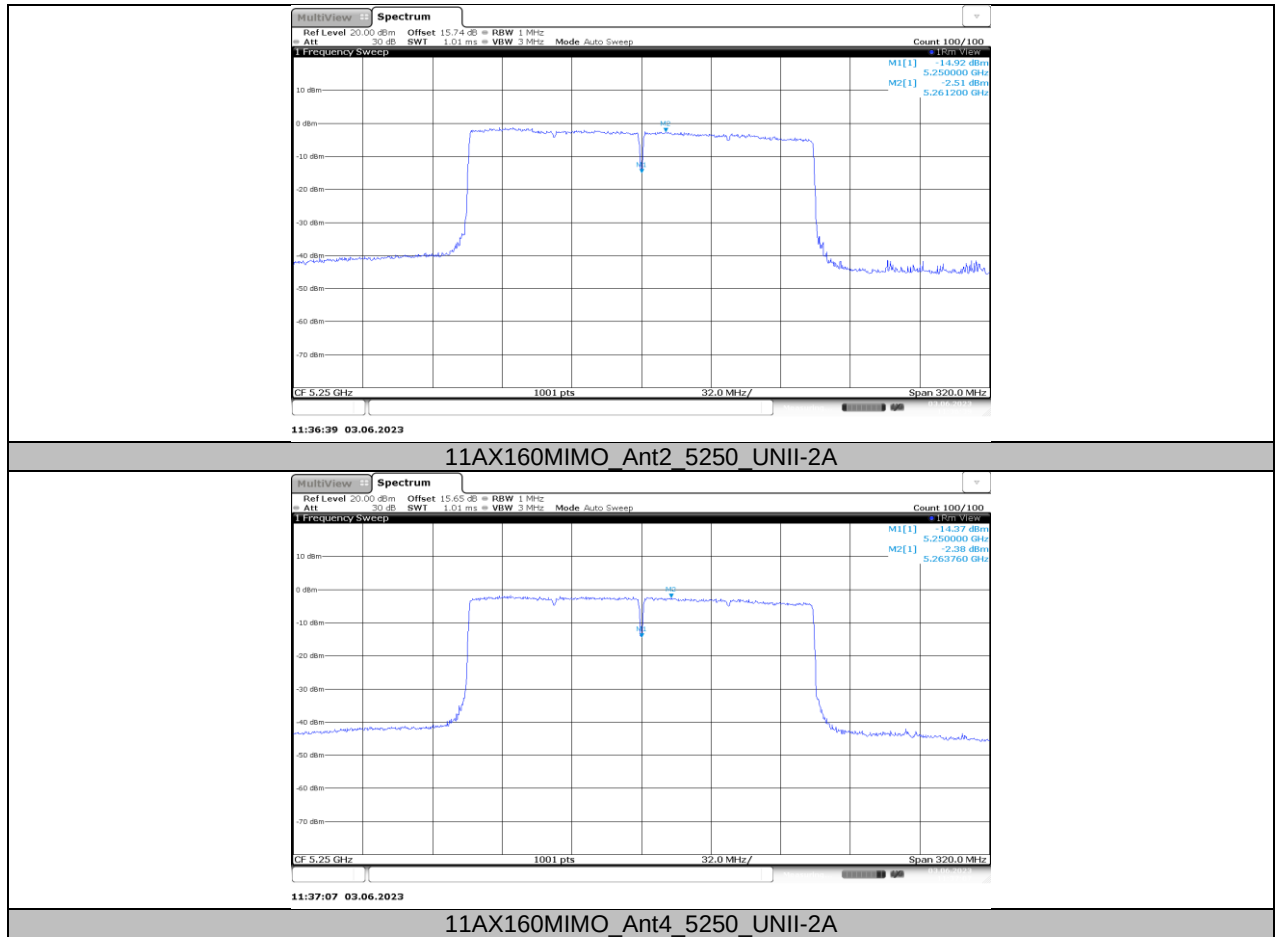












11.5.3. Test Result For ISED

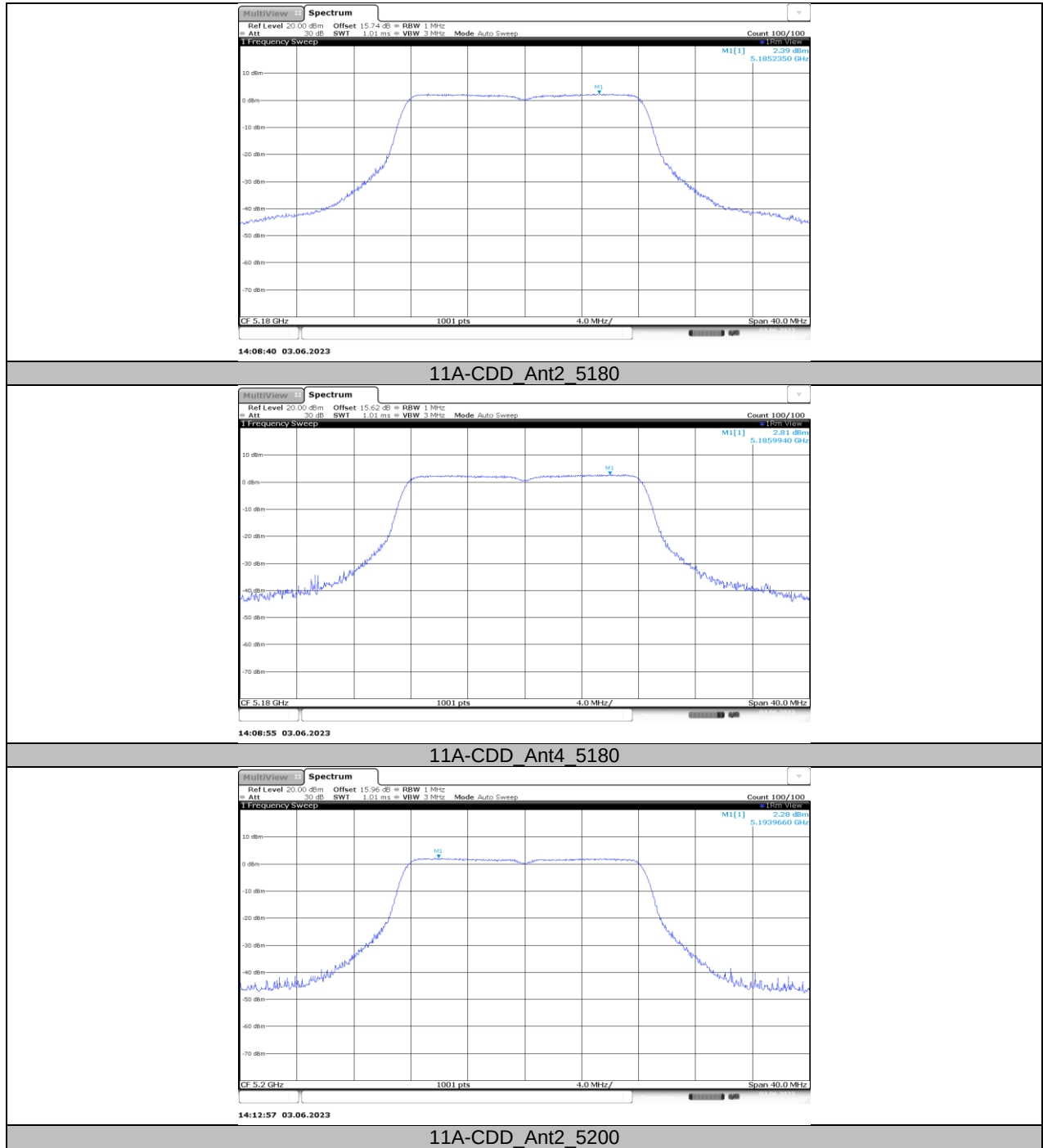
Test Mode	Antenna	Channel	Power [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A-CDD	Ant2	5180	2.39	3.39	≤10.00	PASS
	Ant4	5180	2.81	3.81	≤10.00	PASS
	total	5180	5.62	9.63	≤10.00	PASS
	Ant2	5200	2.28	3.28	≤10.00	PASS
	Ant4	5200	3.09	4.09	≤10.00	PASS
	total	5200	5.71	9.72	≤10.00	PASS
	Ant2	5240	2.65	3.65	≤10.00	PASS
	Ant4	5240	2.74	3.74	≤10.00	PASS
	total	5240	5.71	9.72	≤10.00	PASS
	Ant2	5745	12.14	13.14	≤30.00	PASS
	Ant4	5745	11.89	12.89	≤30.00	PASS
	total	5745	15.03	19.04	≤30.00	PASS
	Ant2	5785	11.1	12.10	≤30.00	PASS
	Ant4	5785	11.29	12.29	≤30.00	PASS
	total	5785	14.21	18.22	≤30.00	PASS
	Ant2	5825	11.25	12.25	≤30.00	PASS
	Ant4	5825	10.56	11.56	≤30.00	PASS
	total	5825	13.93	17.94	≤30.00	PASS
11AC20MIMO	Ant2	5180	2.22	3.22	≤10.00	PASS
	Ant4	5180	2.14	3.14	≤10.00	PASS
	total	5180	5.19	9.20	≤10.00	PASS
	Ant2	5200	1.91	2.91	≤10.00	PASS
	Ant4	5200	2.93	3.93	≤10.00	PASS
	total	5200	5.46	9.47	≤10.00	PASS
	Ant2	5240	2.23	3.23	≤10.00	PASS
	Ant4	5240	1.88	2.88	≤10.00	PASS
	total	5240	5.07	9.08	≤10.00	PASS
	Ant2	5745	8.51	9.51	≤30.00	PASS
	Ant4	5745	8.94	9.94	≤30.00	PASS
	total	5745	11.74	15.75	≤30.00	PASS
	Ant2	5785	7.84	8.84	≤30.00	PASS
	Ant4	5785	8.34	9.34	≤30.00	PASS
	total	5785	11.11	15.12	≤30.00	PASS
	Ant2	5825	8.25	9.25	≤30.00	PASS
	Ant4	5825	9.05	10.05	≤30.00	PASS
	total	5825	11.68	15.69	≤30.00	PASS
11AC40MIMO	Ant2	5190	2.35	3.35	≤10.00	PASS
	Ant4	5190	2.28	3.28	≤10.00	PASS
	total	5190	5.33	9.34	≤10.00	PASS
	Ant2	5230	2.14	3.14	≤10.00	PASS
	Ant4	5230	2.05	3.05	≤10.00	PASS
	total	5230	5.11	9.12	≤10.00	PASS
	Ant2	5755	5.65	6.65	≤30.00	PASS
	Ant4	5755	6.18	7.18	≤30.00	PASS
	total	5755	8.93	12.94	≤30.00	PASS
	Ant2	5795	5.85	6.85	≤30.00	PASS
	Ant4	5795	6.05	7.05	≤30.00	PASS
	total	5795	8.96	12.97	≤30.00	PASS
11AC80MIMO	Ant2	5210	-1.7	-0.70	≤10.00	PASS
	Ant4	5210	-2.24	-1.24	≤10.00	PASS
	total	5210	1.05	5.06	≤10.00	PASS
	Ant2	5775	1.04	2.04	≤30.00	PASS
	Ant4	5775	1.51	2.51	≤30.00	PASS
11AC160MIMO	total	5775	4.29	8.30	≤30.00	PASS
	Ant2	5250 UNII-1	-2.07	-1.07	≤10.00	PASS
	Ant4	5250 UNII-1	-2.91	-1.91	≤10.00	PASS
	total	5250 UNII-1	0.54	4.55	≤10.00	PASS

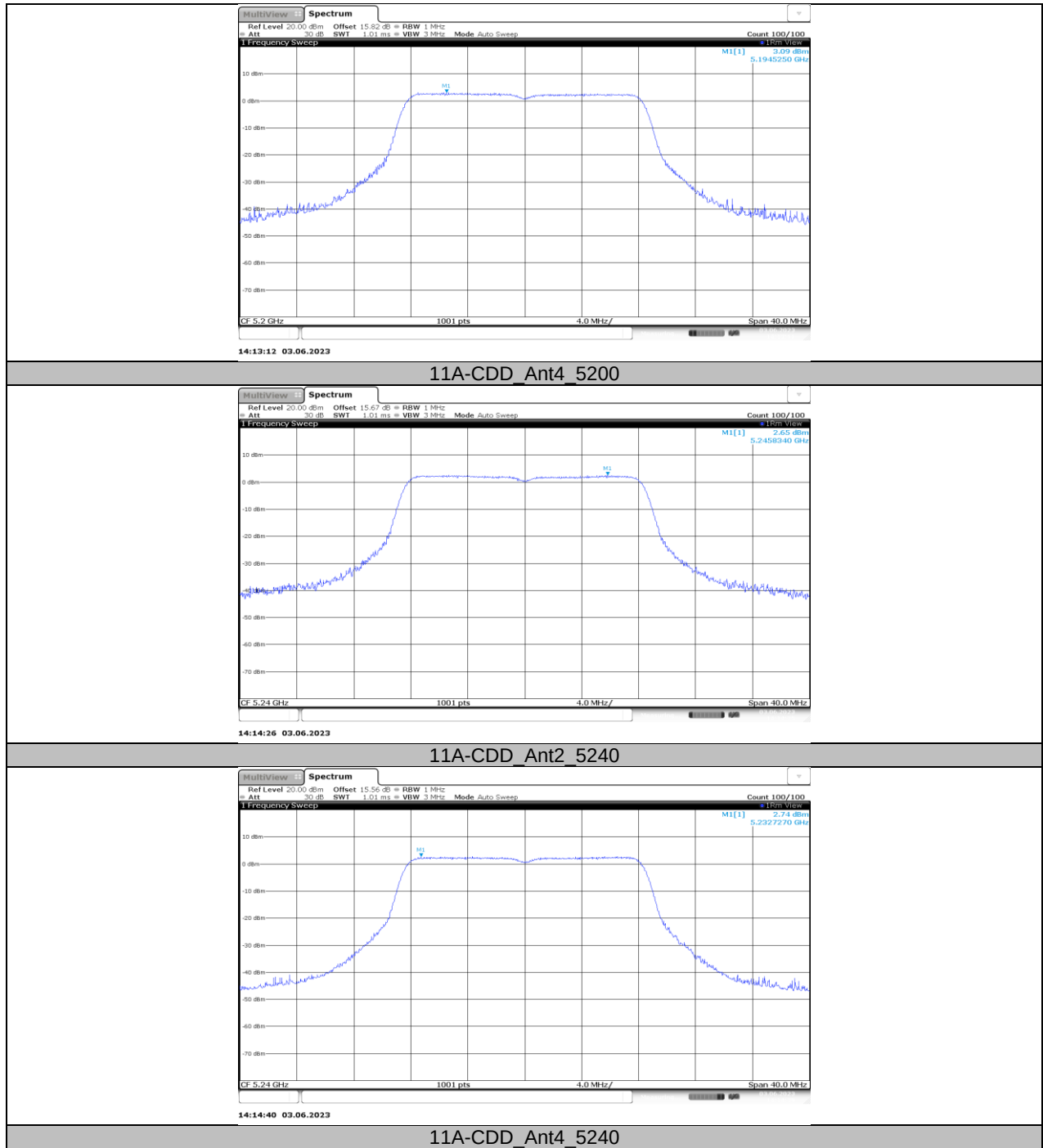
	Ant2	5250 UNII-2A	-3	-2.00	≤30.00	PASS
	Ant4	5250 UNII-2A	-3.41	-2.41	≤30.00	PASS
	total	5250 UNII-2A	-0.19	3.82	≤30.00	PASS
11AX20MIMO	Ant2	5180	2.67	3.67	≤10.00	PASS
	Ant4	5180	2.38	3.38	≤10.00	PASS
	total	5180	5.54	9.55	≤10.00	PASS
	Ant2	5200	2.27	3.27	≤10.00	PASS
	Ant4	5200	3.26	4.26	≤10.00	PASS
	total	5200	5.80	9.81	≤10.00	PASS
	Ant2	5240	2.65	3.65	≤10.00	PASS
	Ant4	5240	1.96	2.96	≤10.00	PASS
	total	5240	5.33	9.34	≤10.00	PASS
	Ant2	5745	11.63	12.63	≤30.00	PASS
	Ant4	5745	11.07	12.07	≤30.00	PASS
	total	5745	14.37	15.37	≤30.00	PASS
	Ant2	5785	10.45	11.45	≤30.00	PASS
	Ant4	5785	10.66	11.66	≤30.00	PASS
	total	5785	13.57	14.57	≤30.00	PASS
	Ant2	5825	10.63	11.63	≤30.00	PASS
	Ant4	5825	9.93	10.93	≤30.00	PASS
	total	5825	13.30	14.30	≤30.00	PASS
11AX40MIMO	Ant2	5190	2.72	3.72	≤10.00	PASS
	Ant4	5190	2.5	3.50	≤10.00	PASS
	total	5190	5.62	9.63	≤10.00	PASS
	Ant2	5230	2.28	3.28	≤10.00	PASS
	Ant4	5230	2.06	3.06	≤10.00	PASS
	total	5230	5.18	9.19	≤10.00	PASS
	Ant2	5755	6.36	7.36	≤30.00	PASS
	Ant4	5755	6.51	7.51	≤30.00	PASS
	total	5755	9.45	10.45	≤30.00	PASS
	Ant2	5795	7.41	8.41	≤30.00	PASS
	Ant4	5795	7.55	8.55	≤30.00	PASS
	total	5795	10.49	11.49	≤30.00	PASS
11AX80MIMO	Ant2	5210	0.63	1.63	≤10.00	PASS
	Ant4	5210	0.69	1.69	≤10.00	PASS
	total	5210	3.67	4.67	≤10.00	PASS
	Ant2	5775	1.56	2.56	≤30.00	PASS
	Ant4	5775	1.47	2.47	≤30.00	PASS
	total	5775	4.53	5.53	≤30.00	PASS
11AX160MIMO	Ant2	5250 UNII-1	-1.19	-0.19	≤10.00	PASS
	Ant4	5250 UNII-1	-1.99	-0.99	≤10.00	PASS
	total	5250 UNII-1	1.44	2.44	≤10.00	PASS
	Ant2	5250 UNII-2A	-2.51	-1.51	≤30.00	PASS
	Ant4	5250 UNII-2A	-2.38	-1.38	≤30.00	PASS
	total	5250 UNII-2A	0.57	1.57	≤30.00	PASS

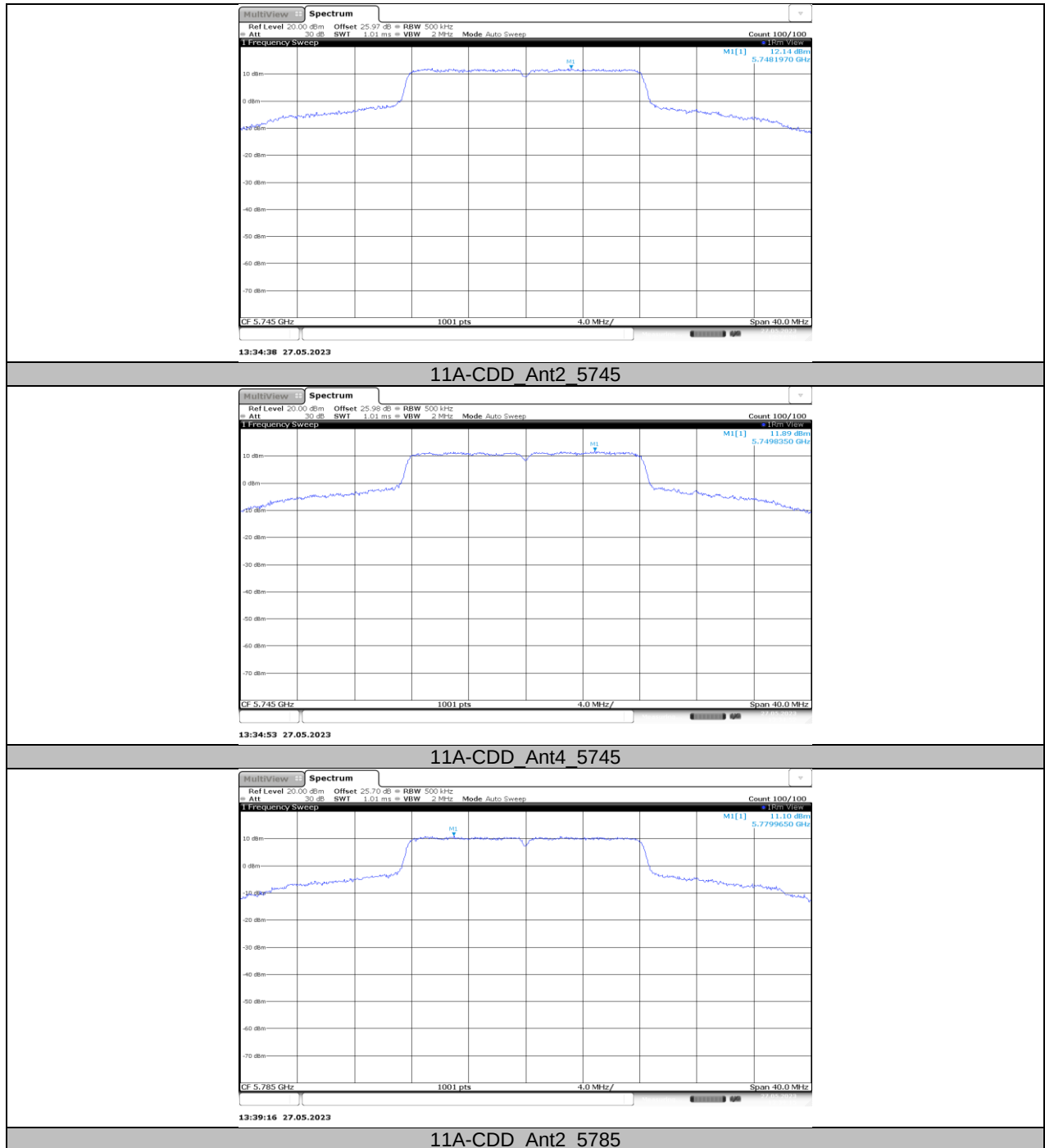
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

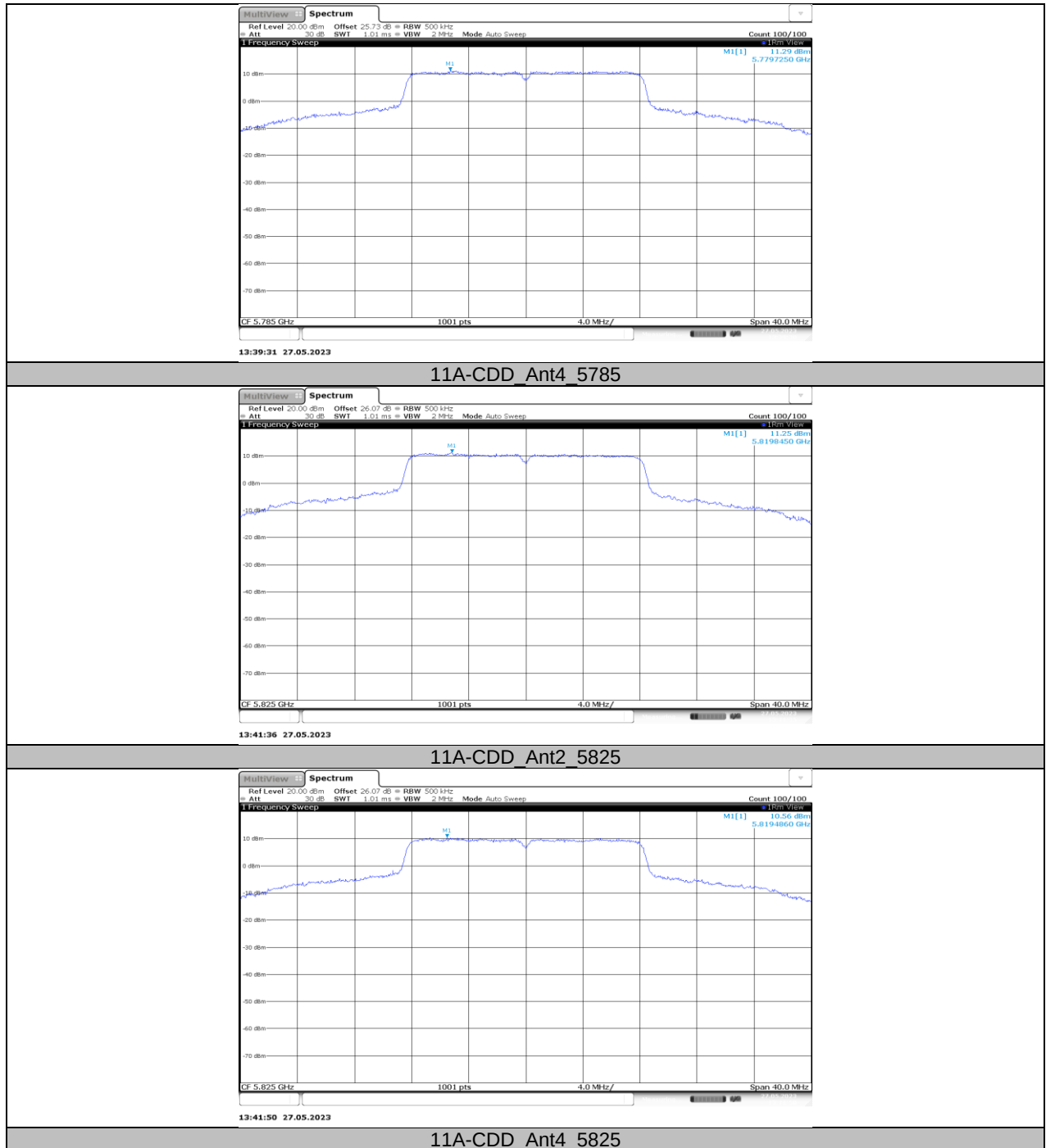
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

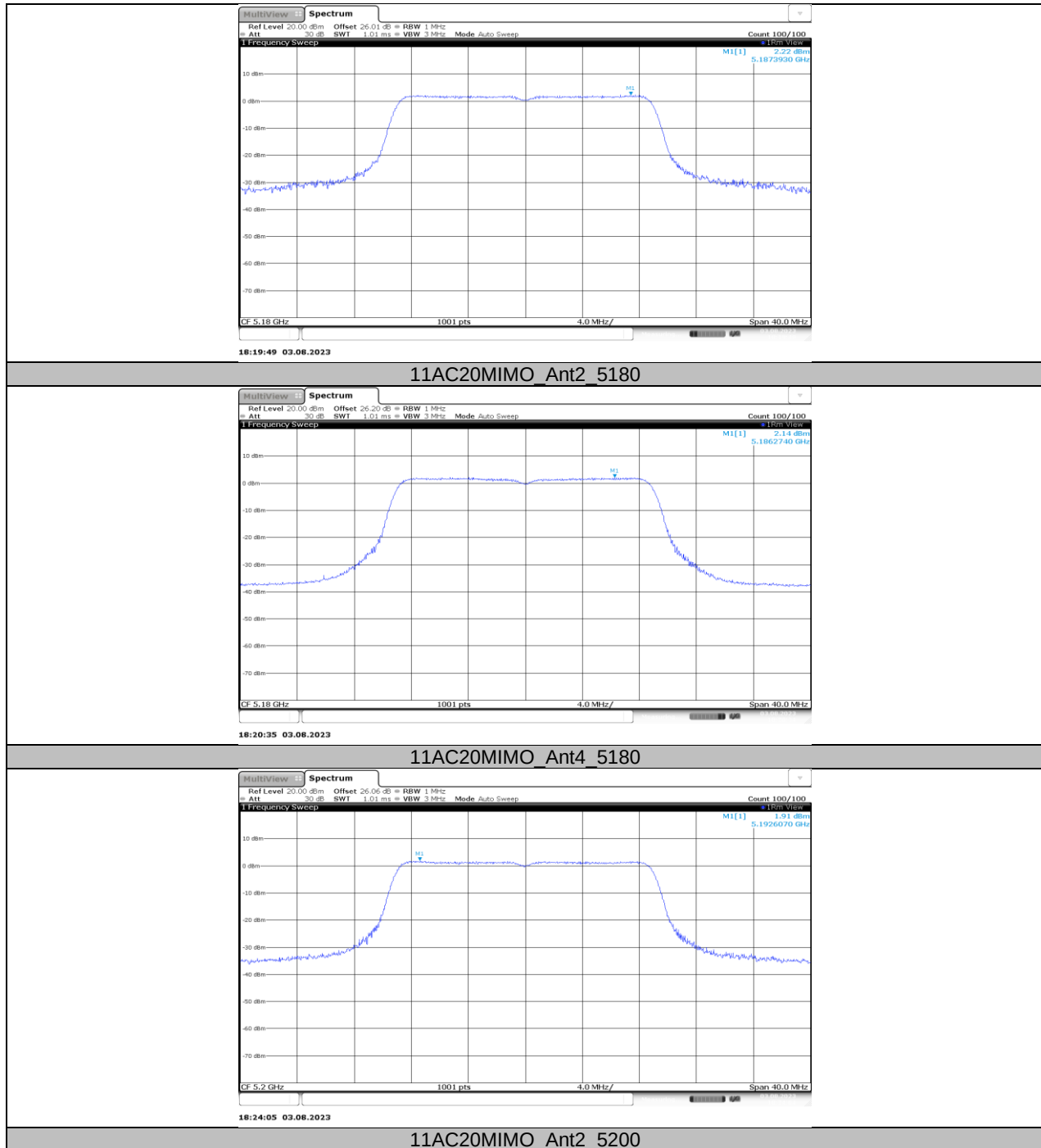
11.5.4. Test Graphs For ISED

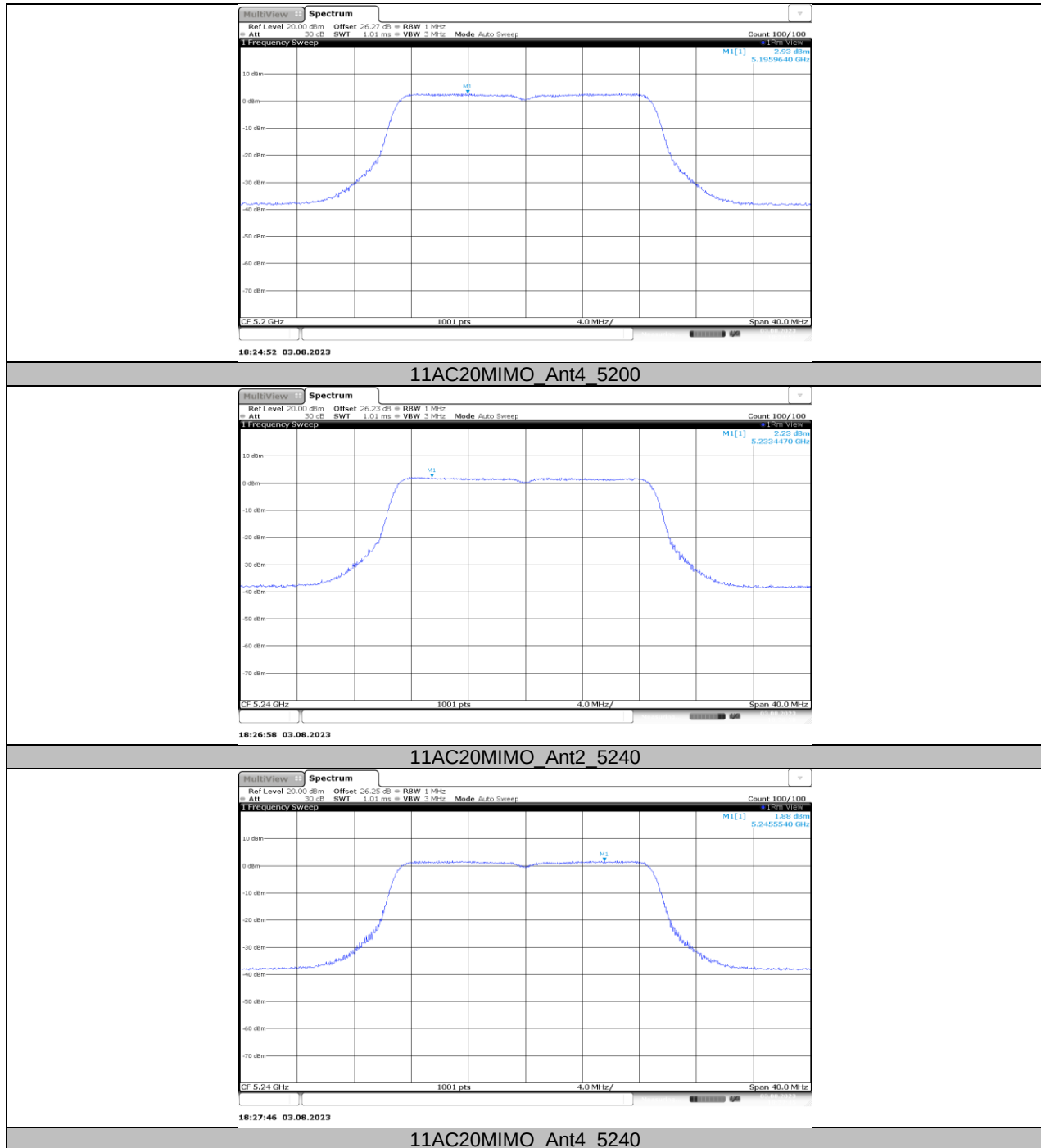


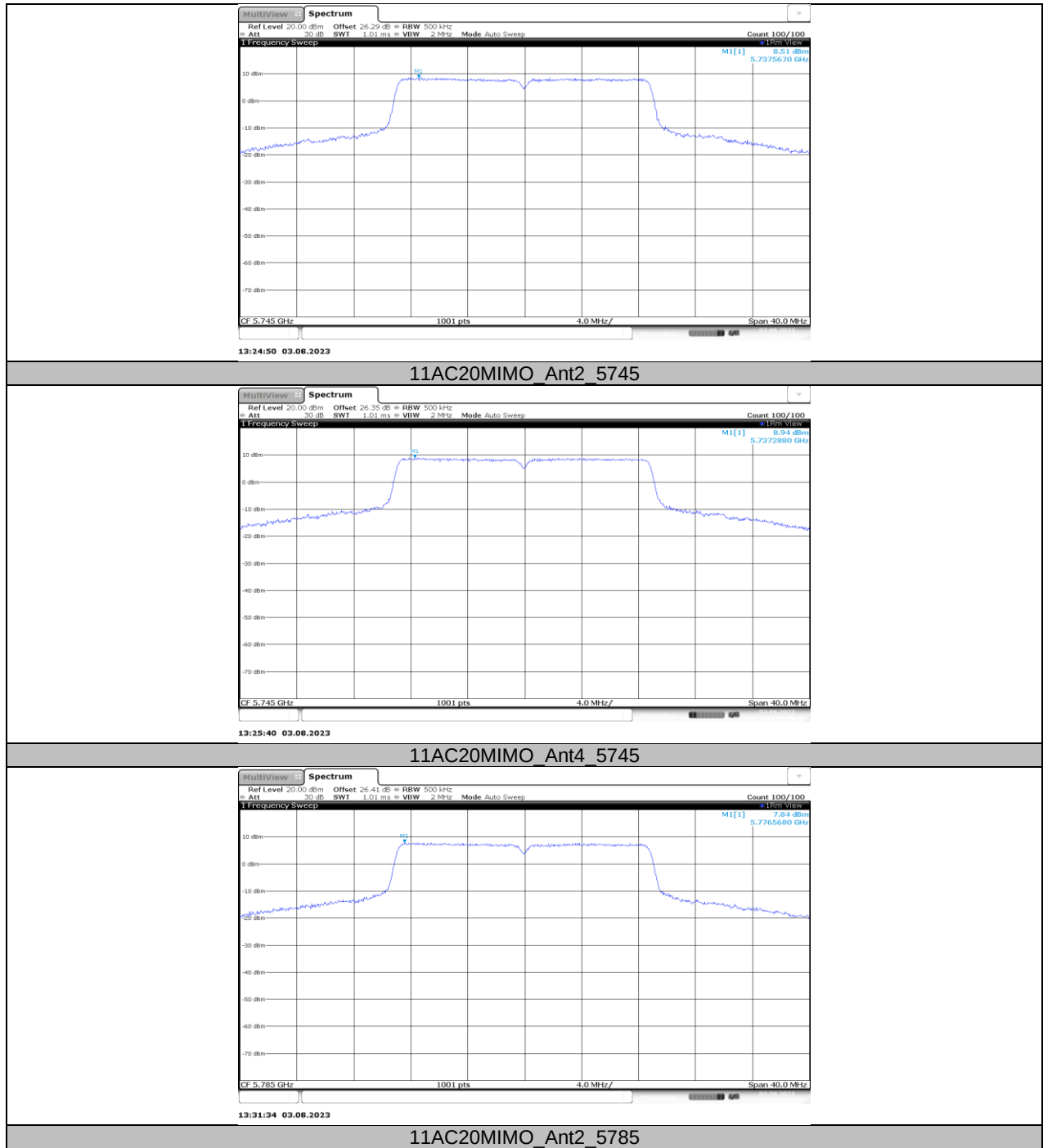


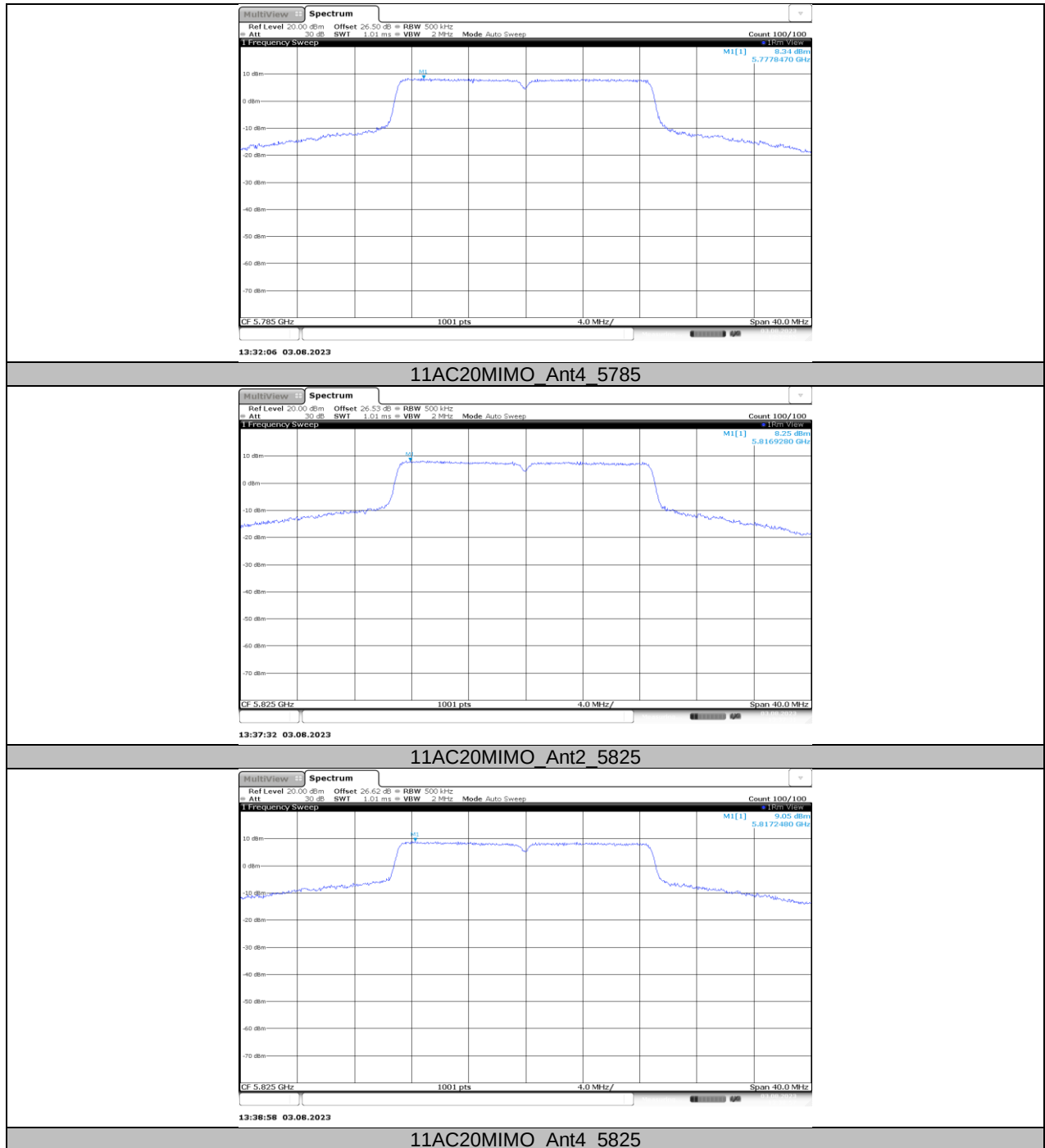


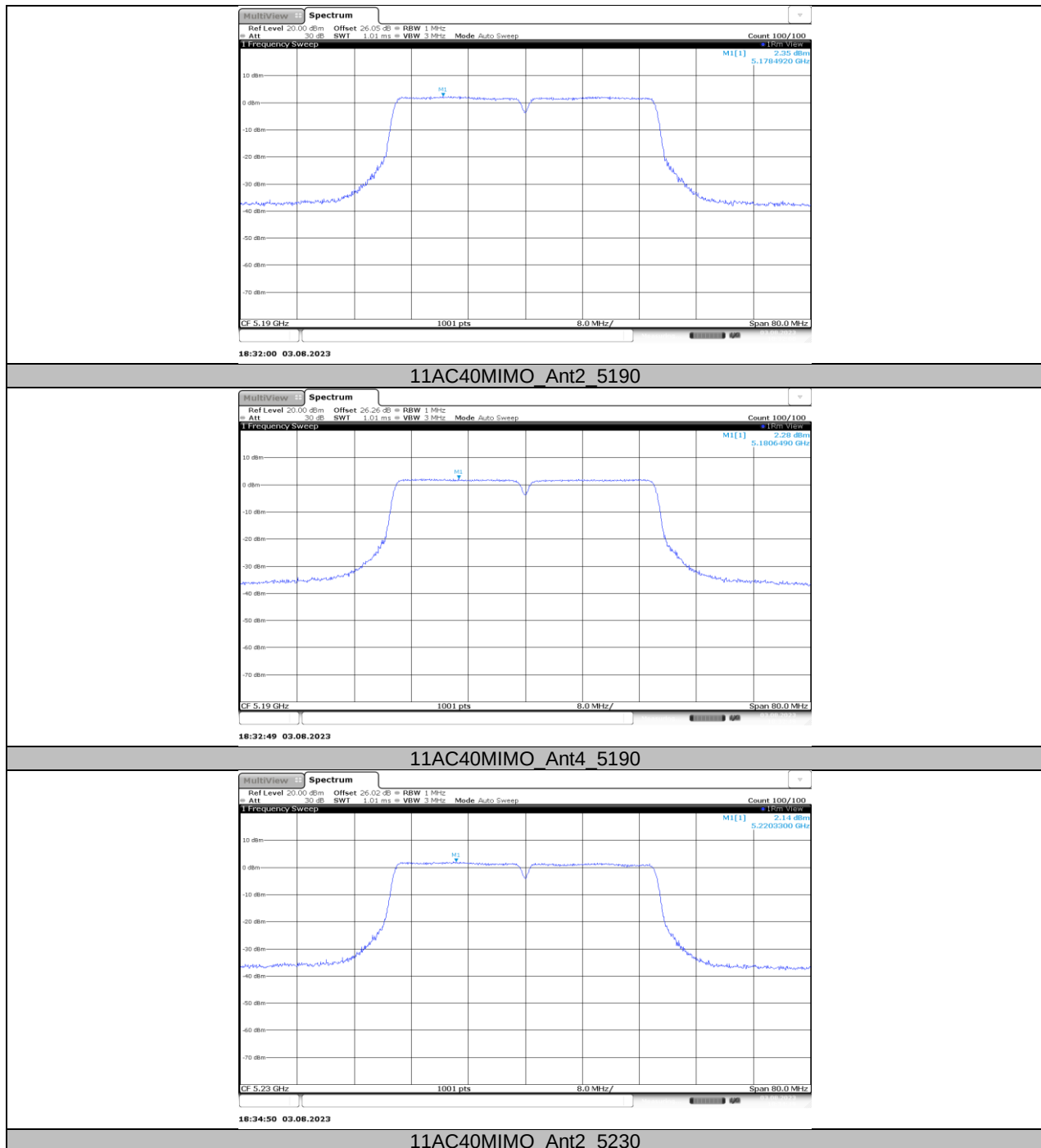


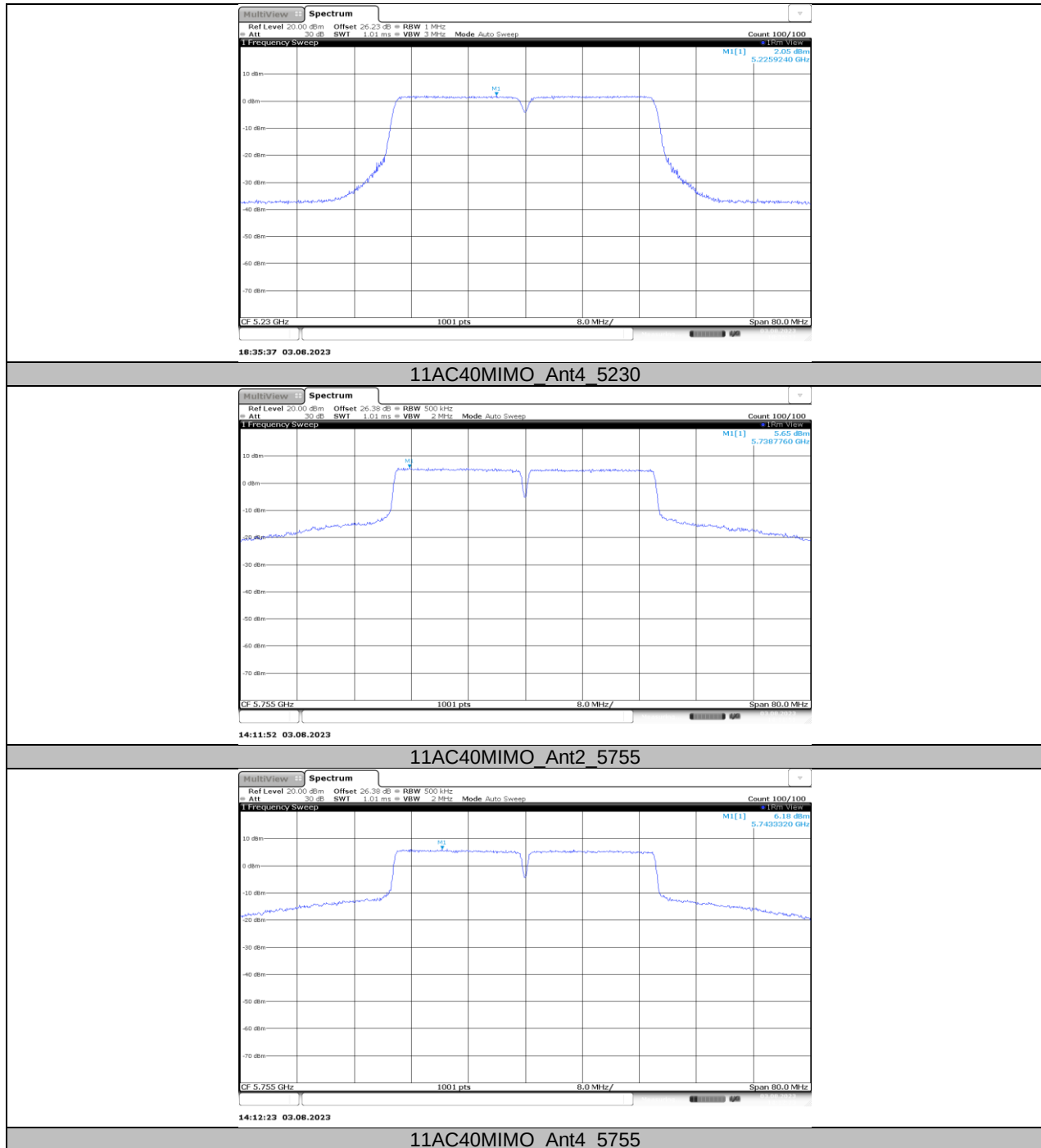


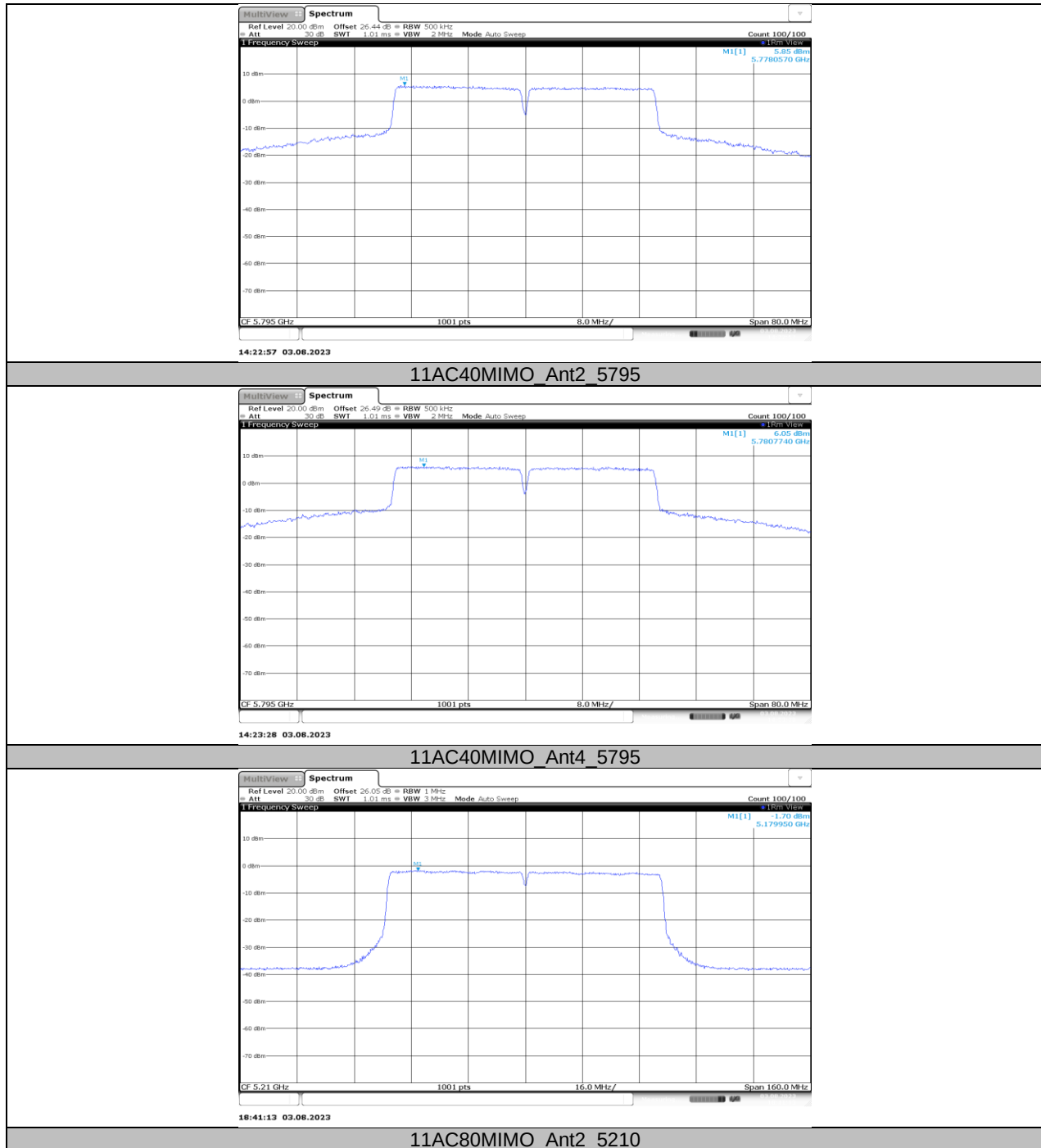


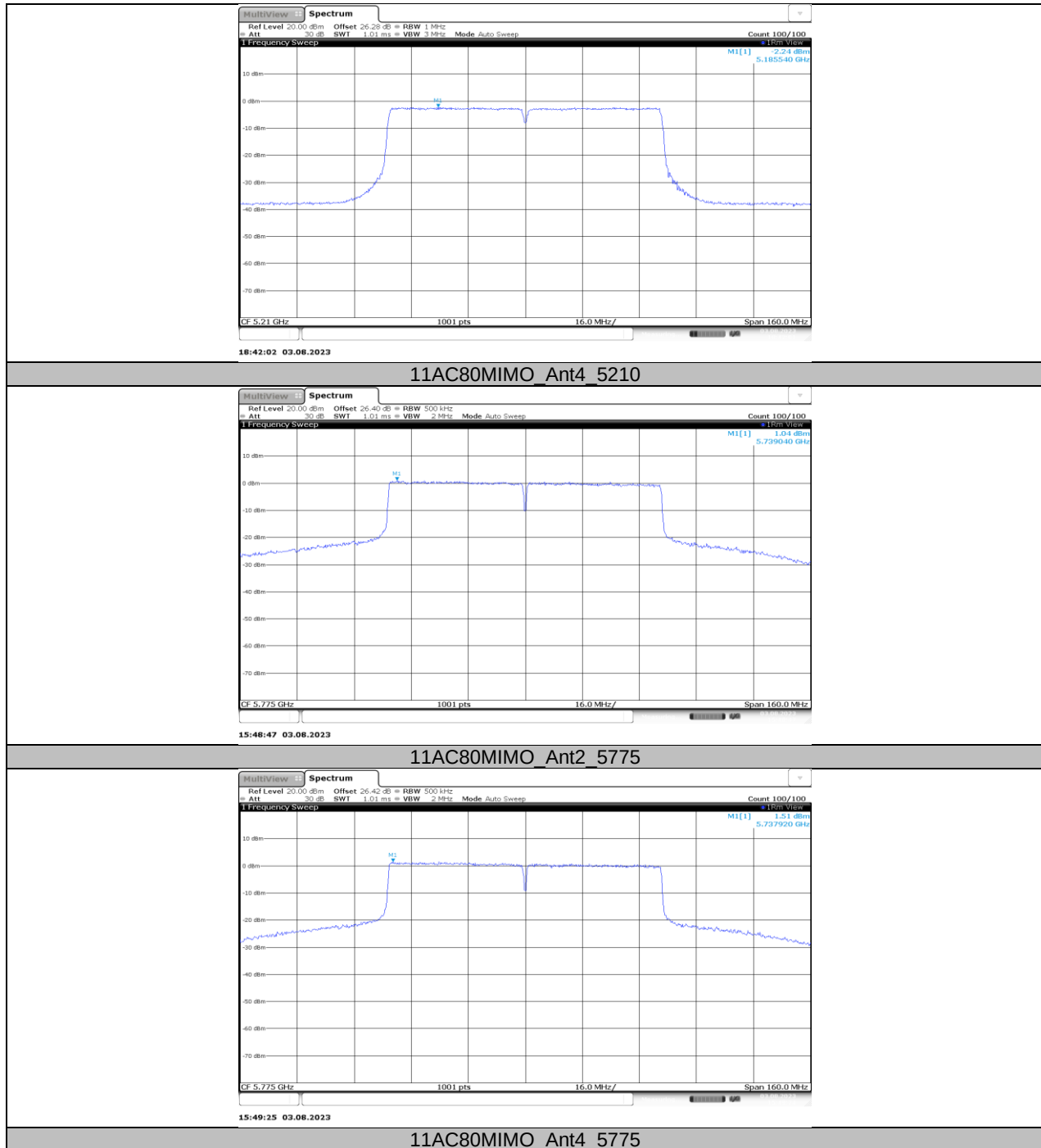


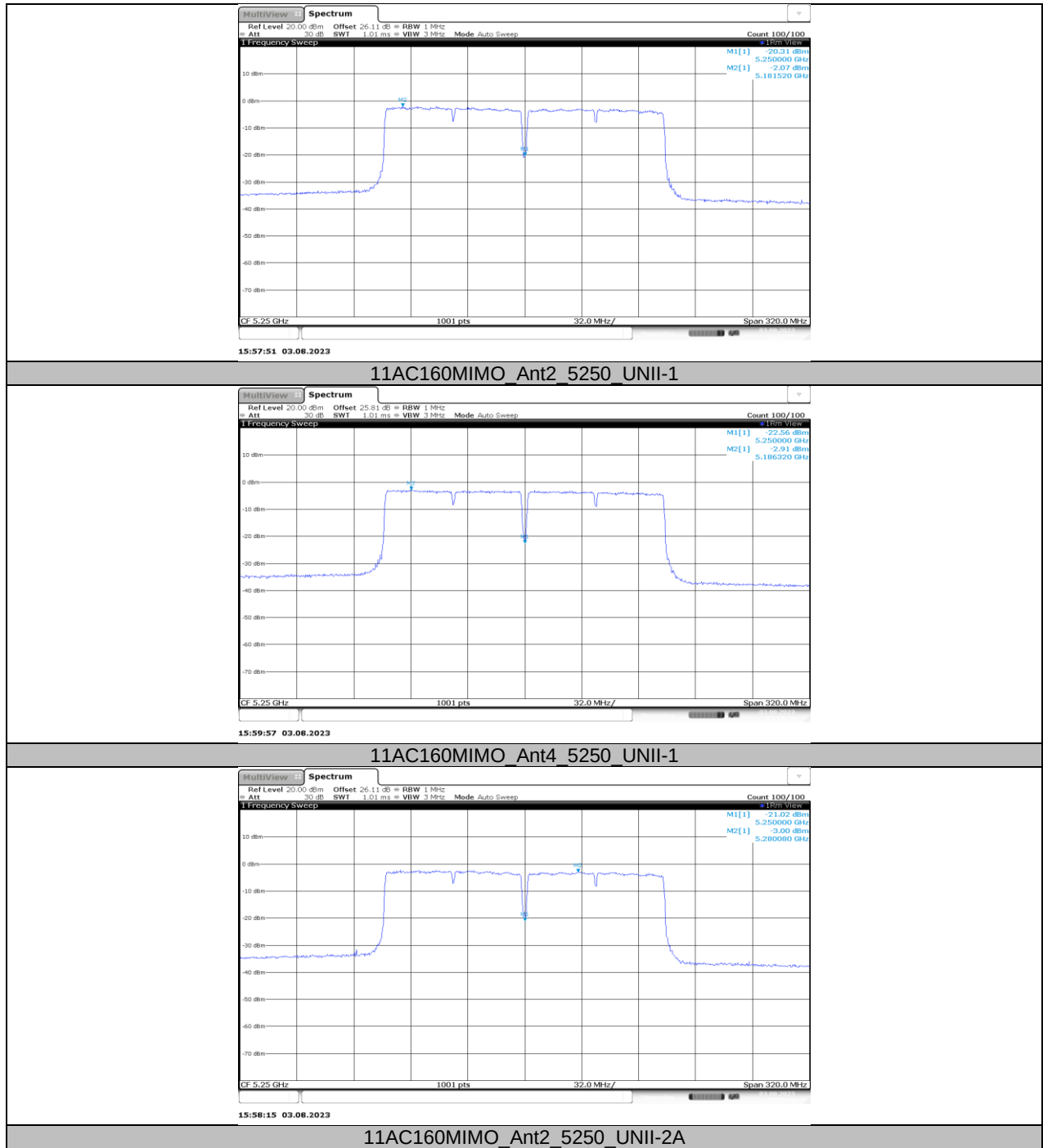


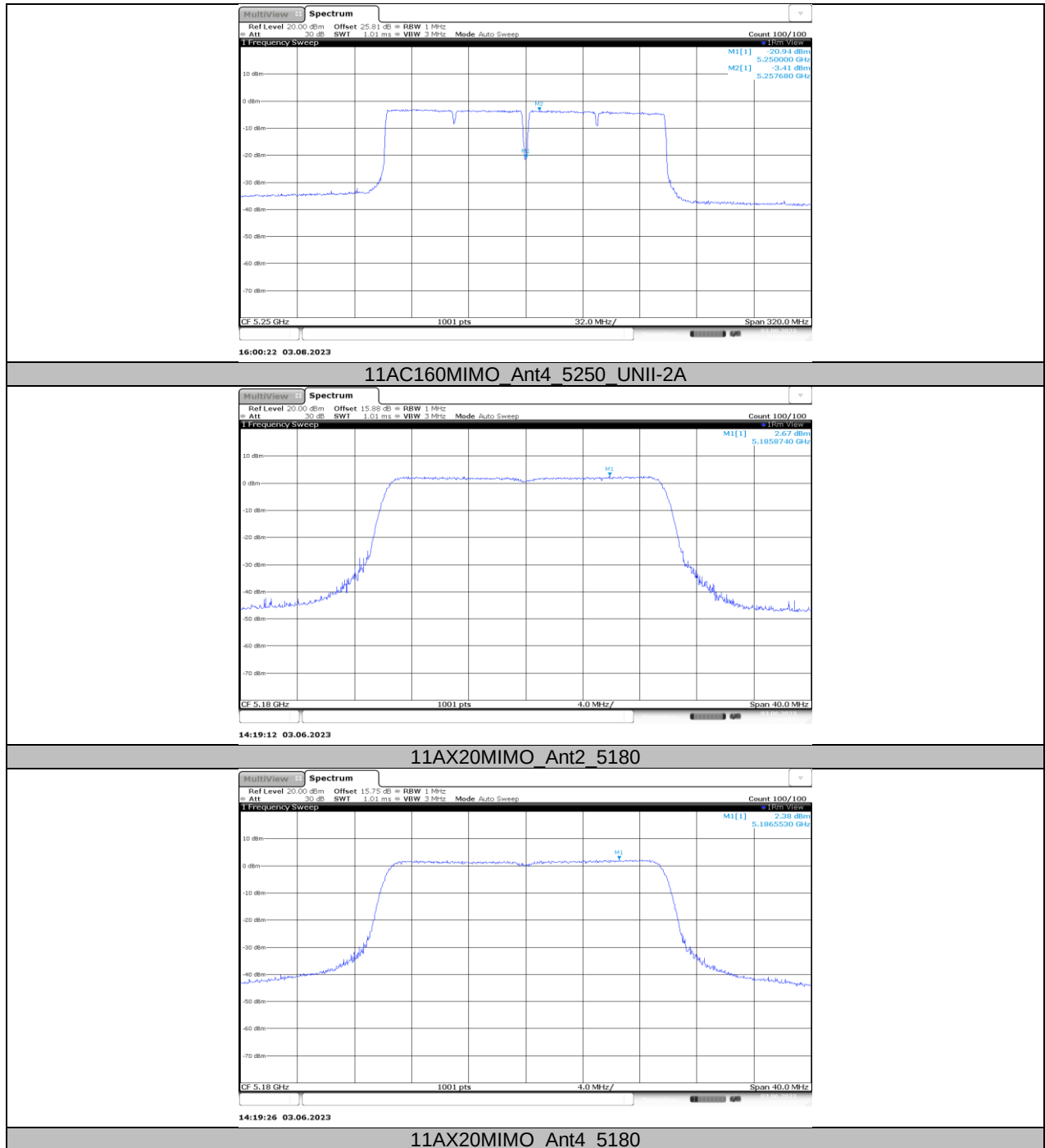


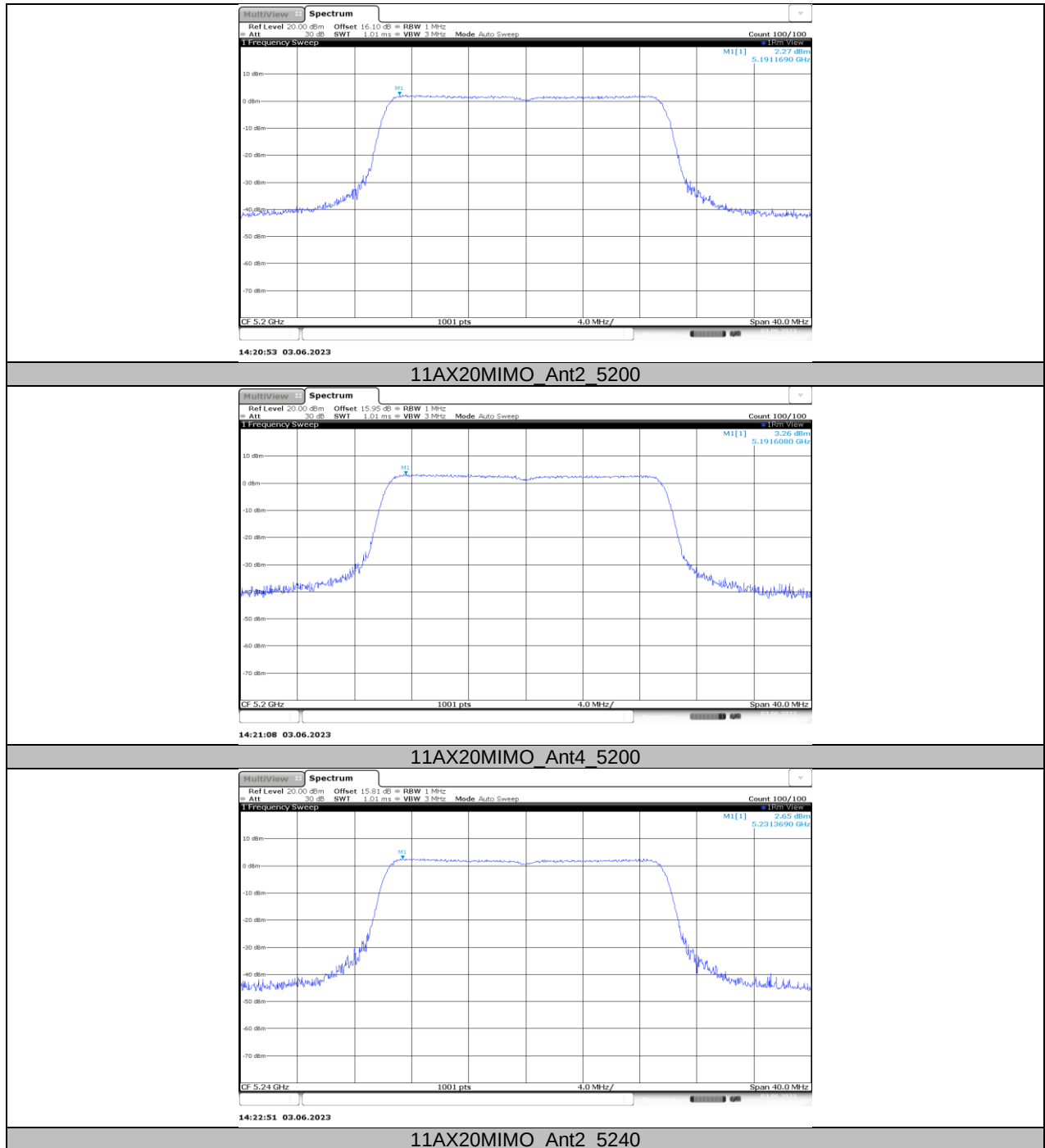


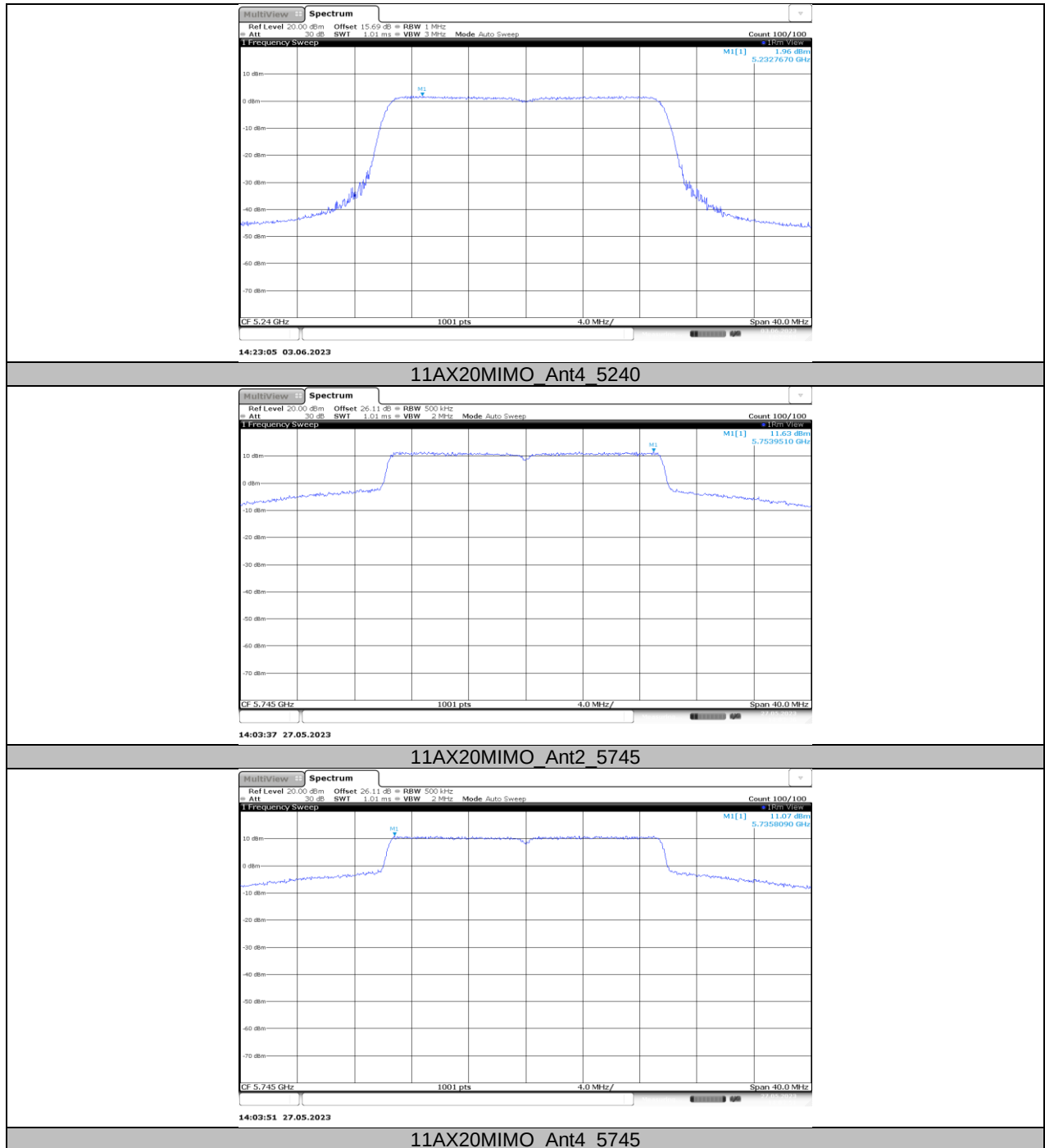


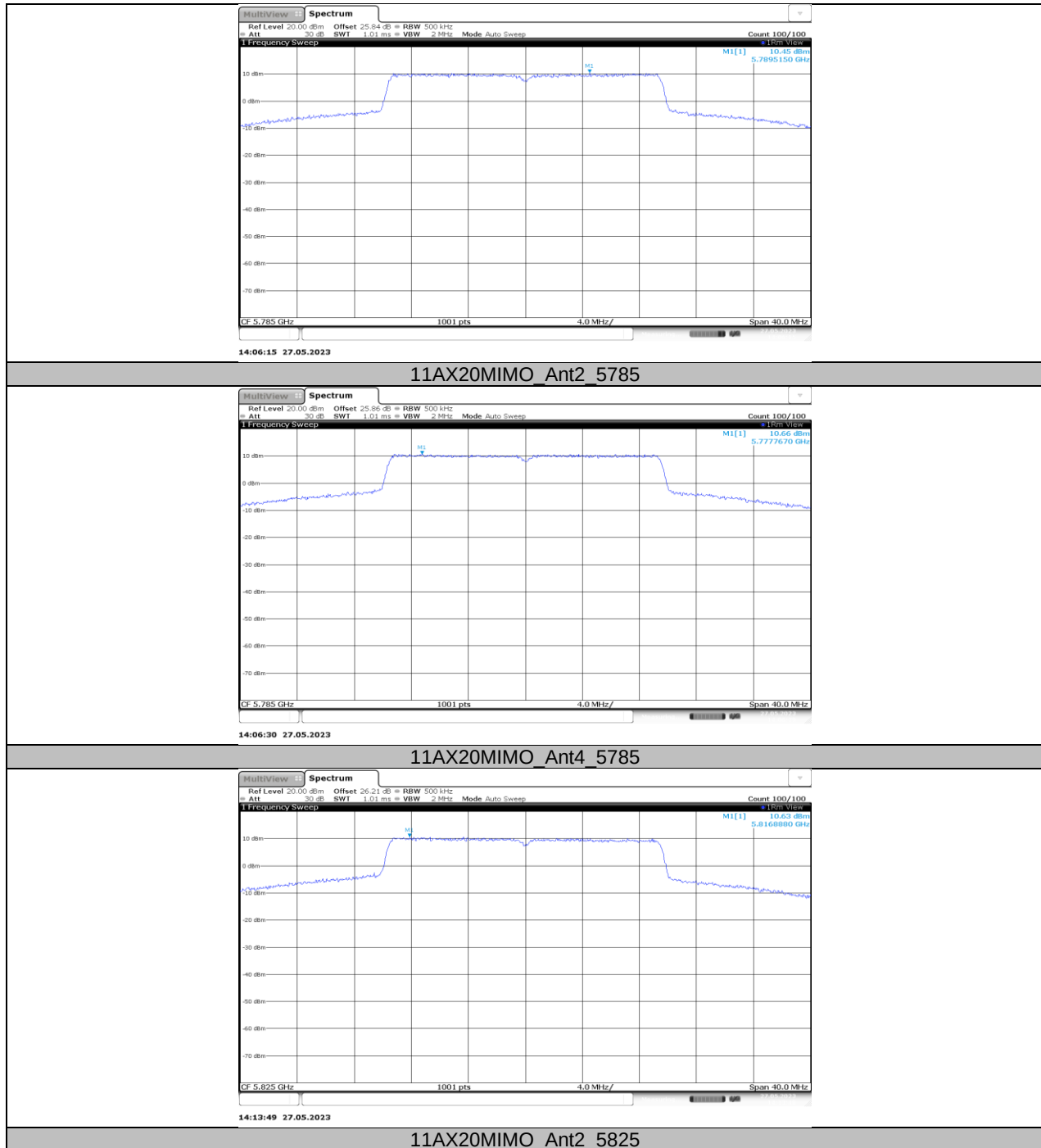


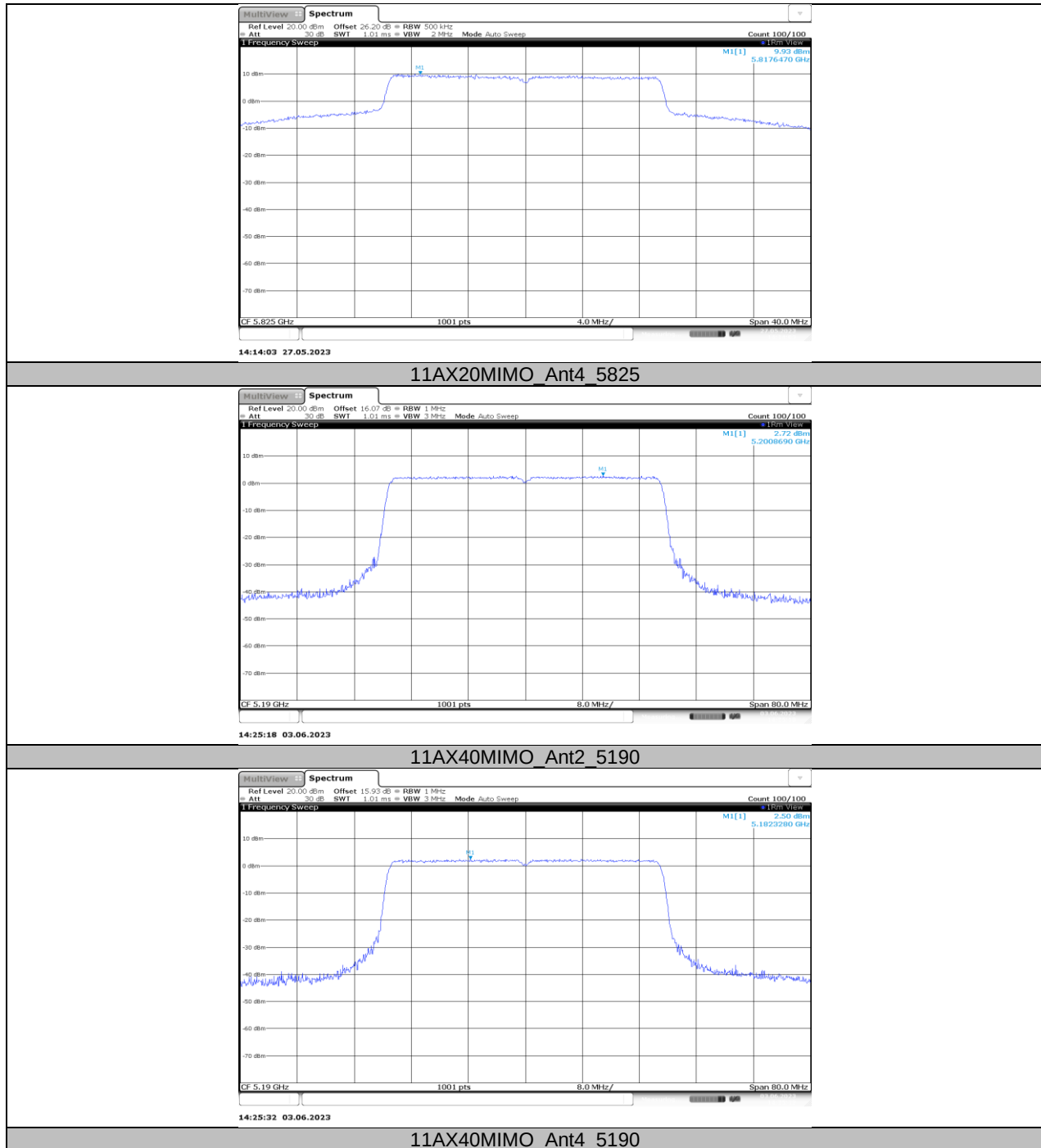


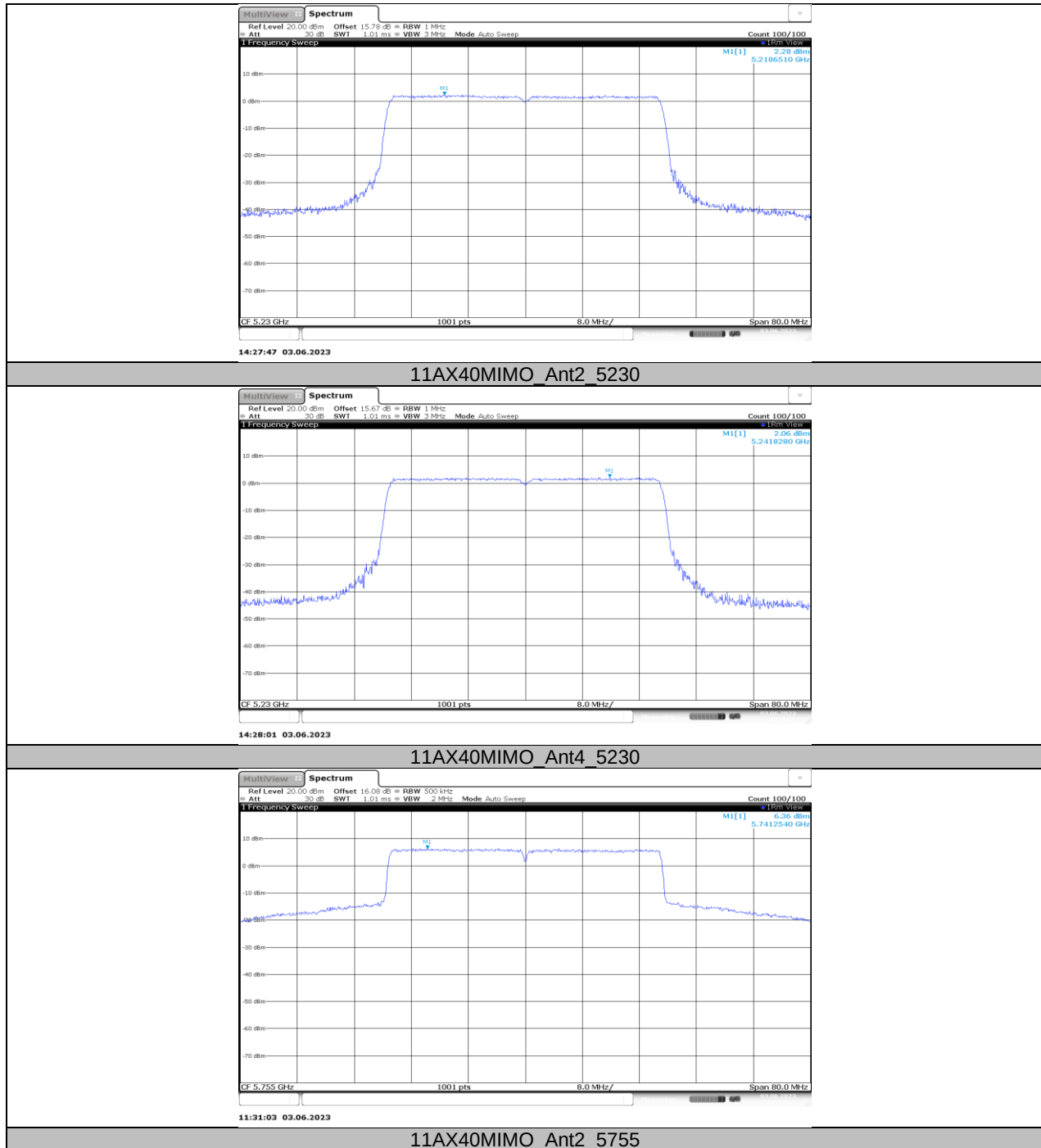


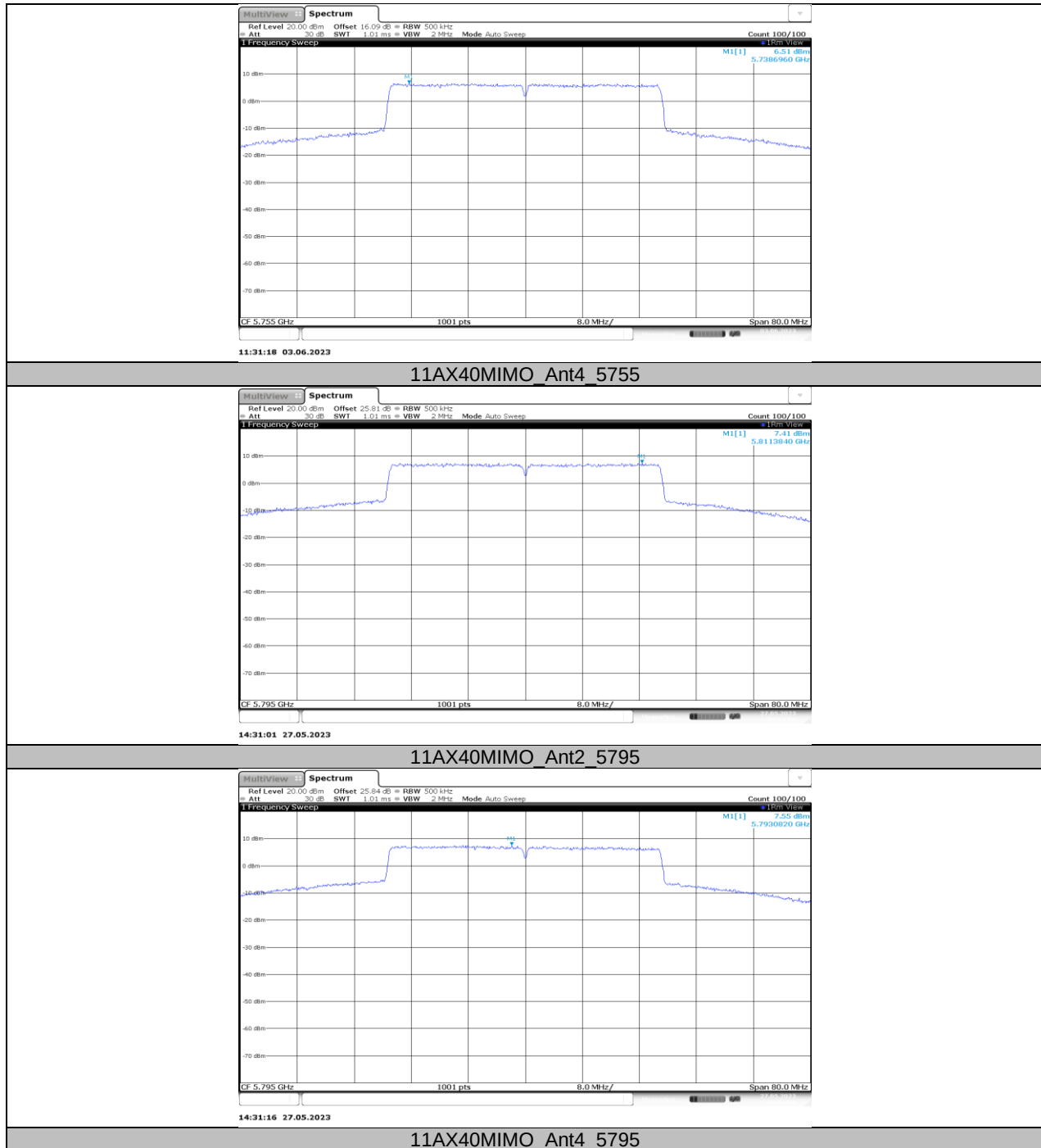


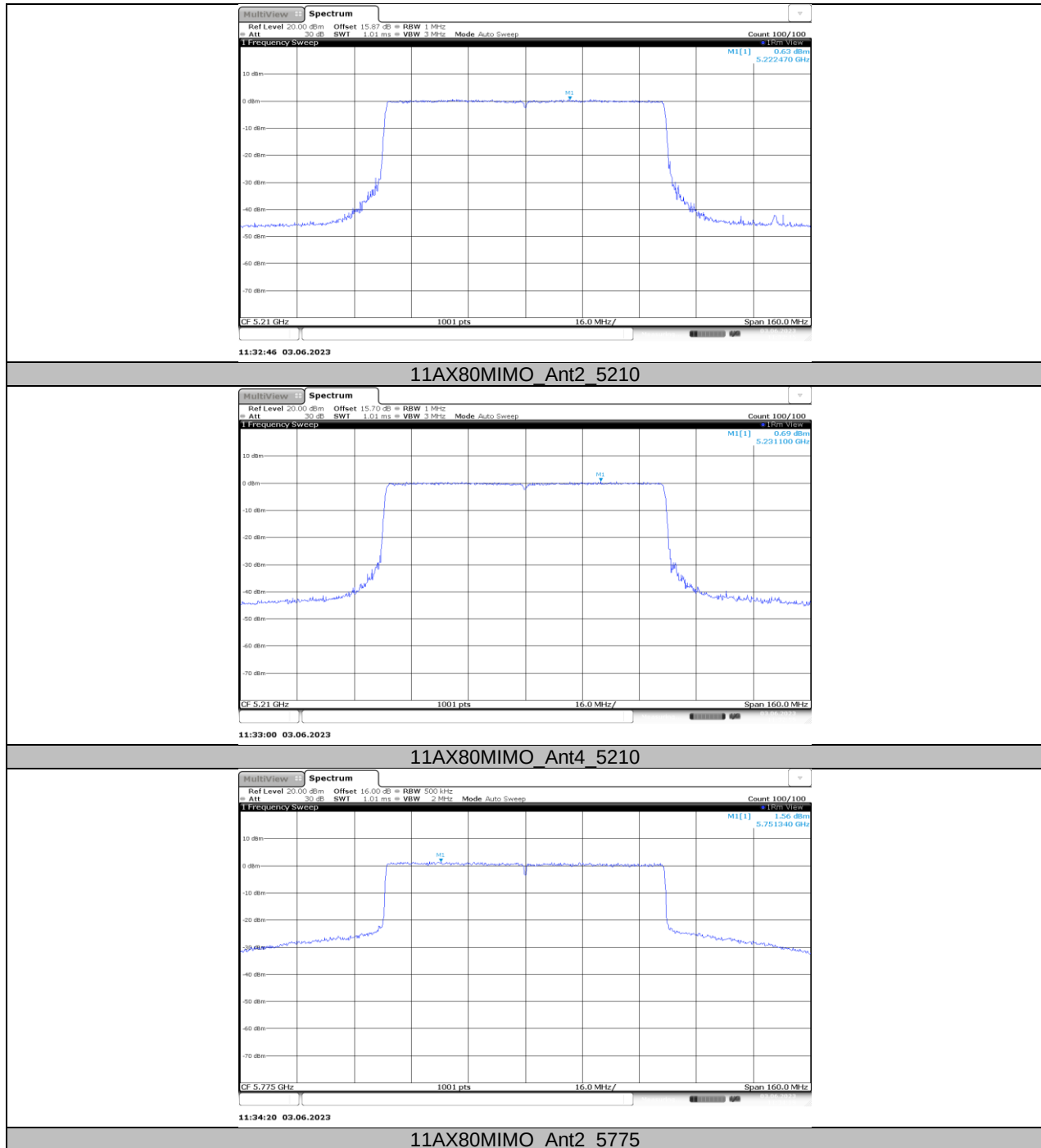


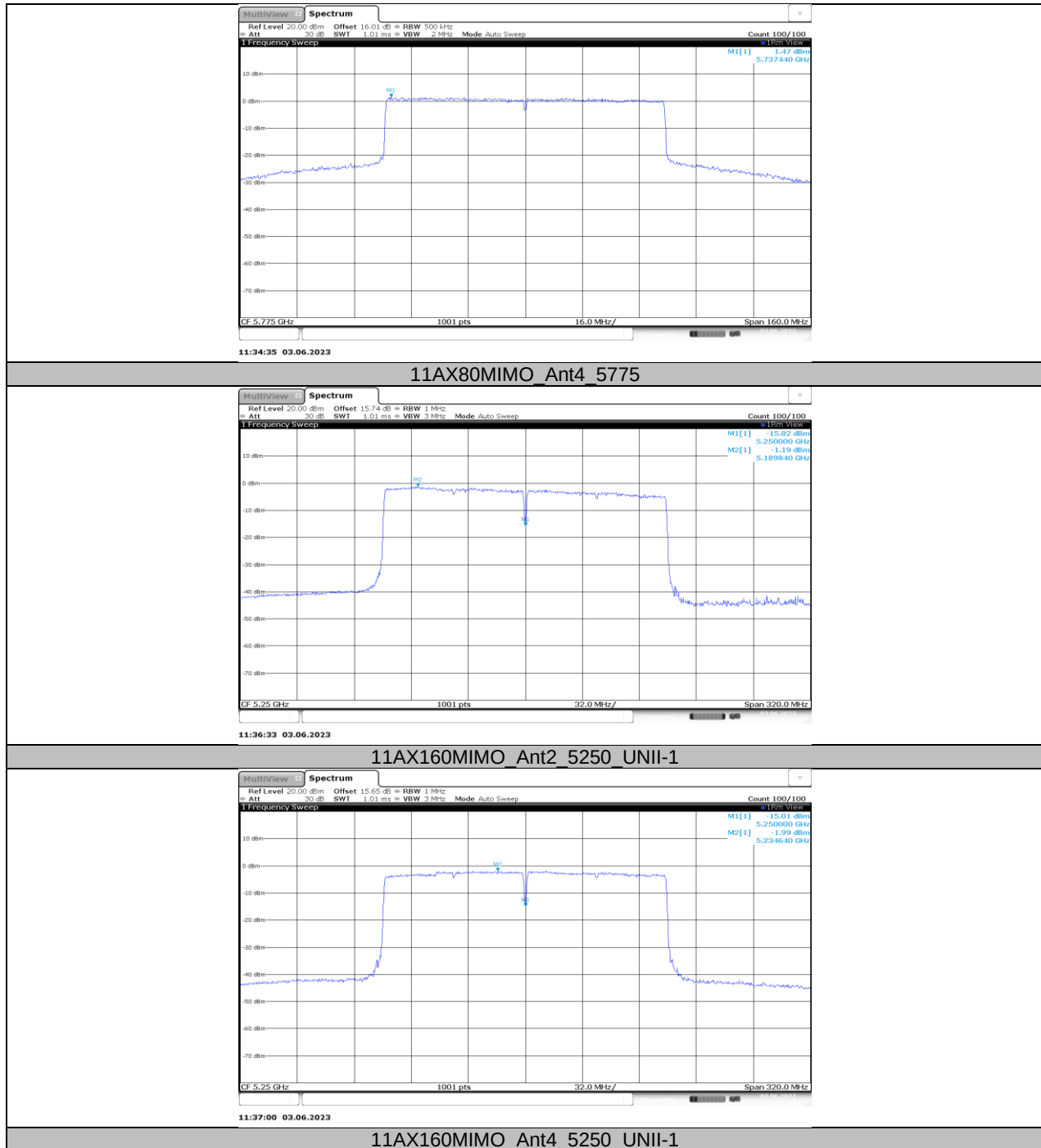


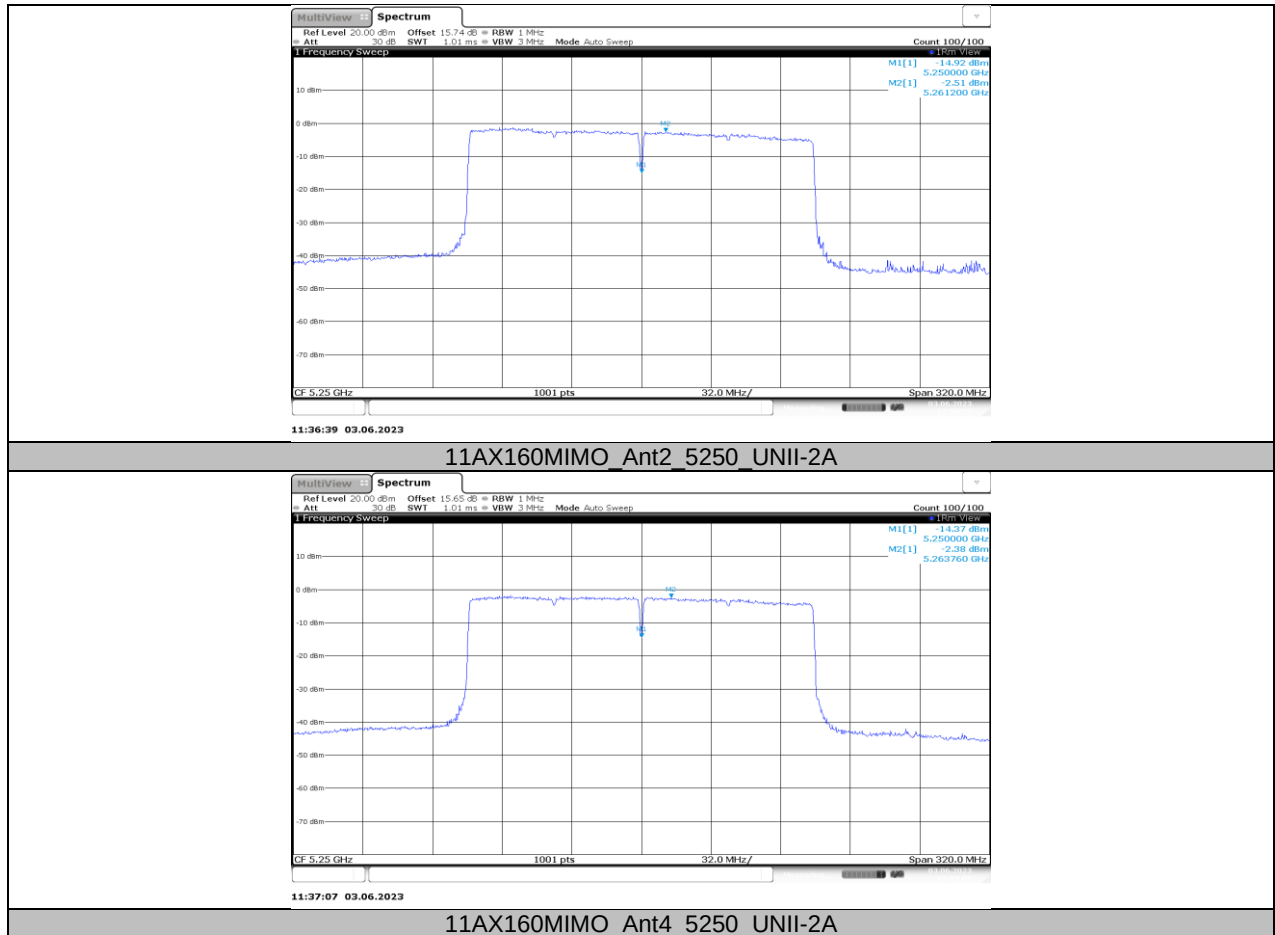












11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5199.9958	-0.81	5200.0186	3.58	5200.0087	1.67	5199.9938	-1.20
TN	VN	5199.9865	-2.60	5199.9921	-1.52	5200.0045	0.87	5200.0020	0.39
TN	VH	5199.9788	-4.08	5199.9778	-4.28	5199.9912	-1.70	5200.0148	2.84
Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5200.0195	3.74	5199.9827	-3.33	5199.9953	-0.90	5200.0204	3.93
30	VN	5200.0149	2.86	5200.0200	3.84	5200.0008	0.16	5200.0095	1.83
20	VN	5200.0181	3.47	5199.9966	-0.66	5200.0065	1.25	5199.9887	-2.18
10	VN	5200.0098	1.89	5200.0191	3.68	5200.0069	1.33	5200.0189	3.64
0	VN	5199.9792	-4.00	5199.9914	-1.65	5199.9835	-3.18	5199.9962	-0.74

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A-CDD	1.97	2.10	0.9381	93.81	0.28	0.51	1
11AC20MIMO	5.41	6.02	0.8987	89.87	0.46	0.18	0.5
11AC40MIMO	5.41	6.02	0.8987	89.87	0.46	0.18	0.5
11AC80MIMO	5.41	6.03	0.8972	89.72	0.47	0.18	0.5
11AC160MIMO	5.41	6.09	0.8883	88.83	0.51	0.18	0.5
11AX20MIMO	5.44	5.99	0.9082	90.82	0.42	0.18	0.5
11AX40MIMO	5.45	5.96	0.9144	91.44	0.39	0.18	0.5
11AX80MIMO	5.45	6.02	0.9053	90.53	0.43	0.18	0.5
11AX160MIMO	5.44	6.03	0.9022	90.22	0.45	0.18	0.5

Note:

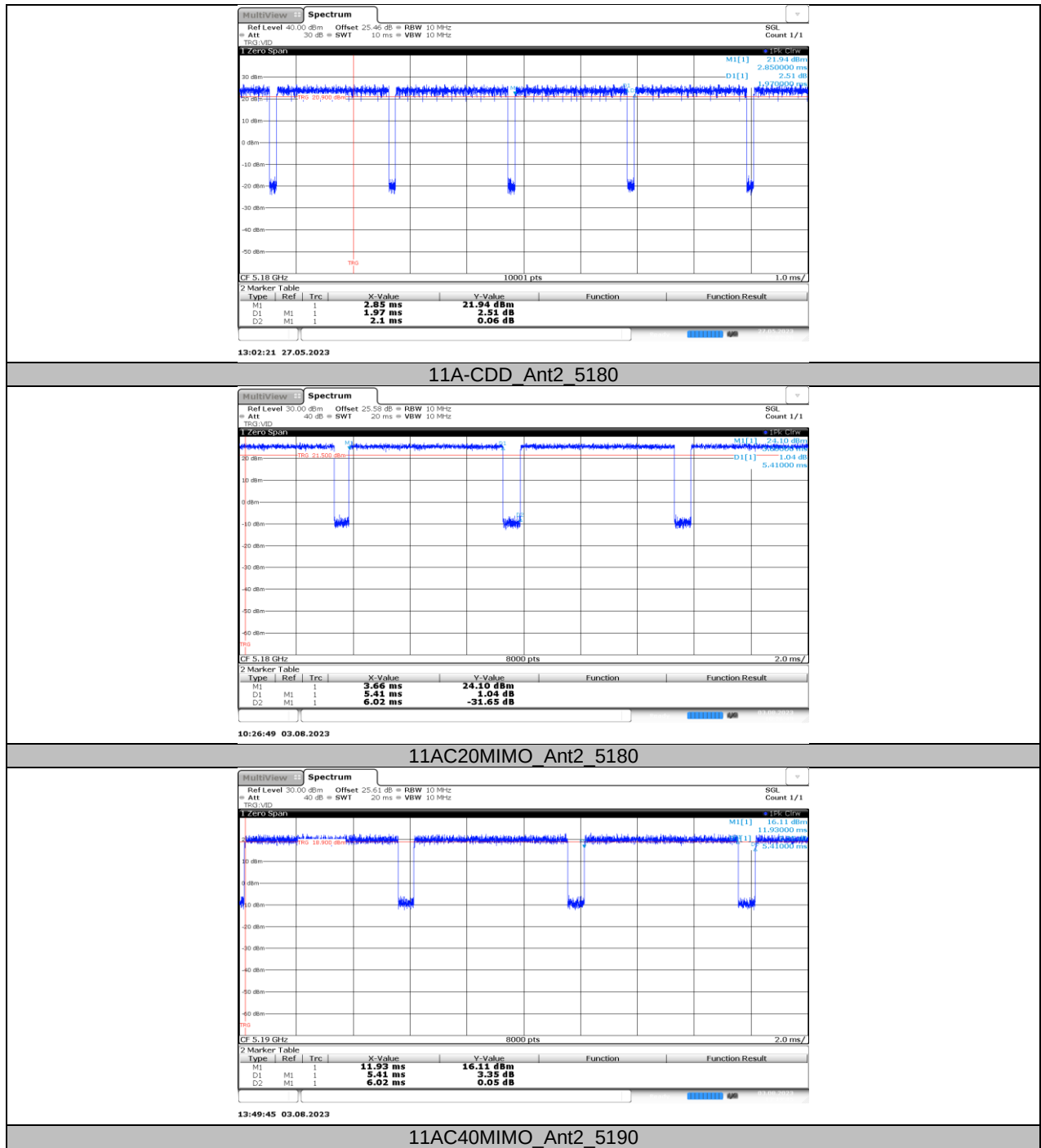
Duty Cycle Correction Factor=10log (1/x).

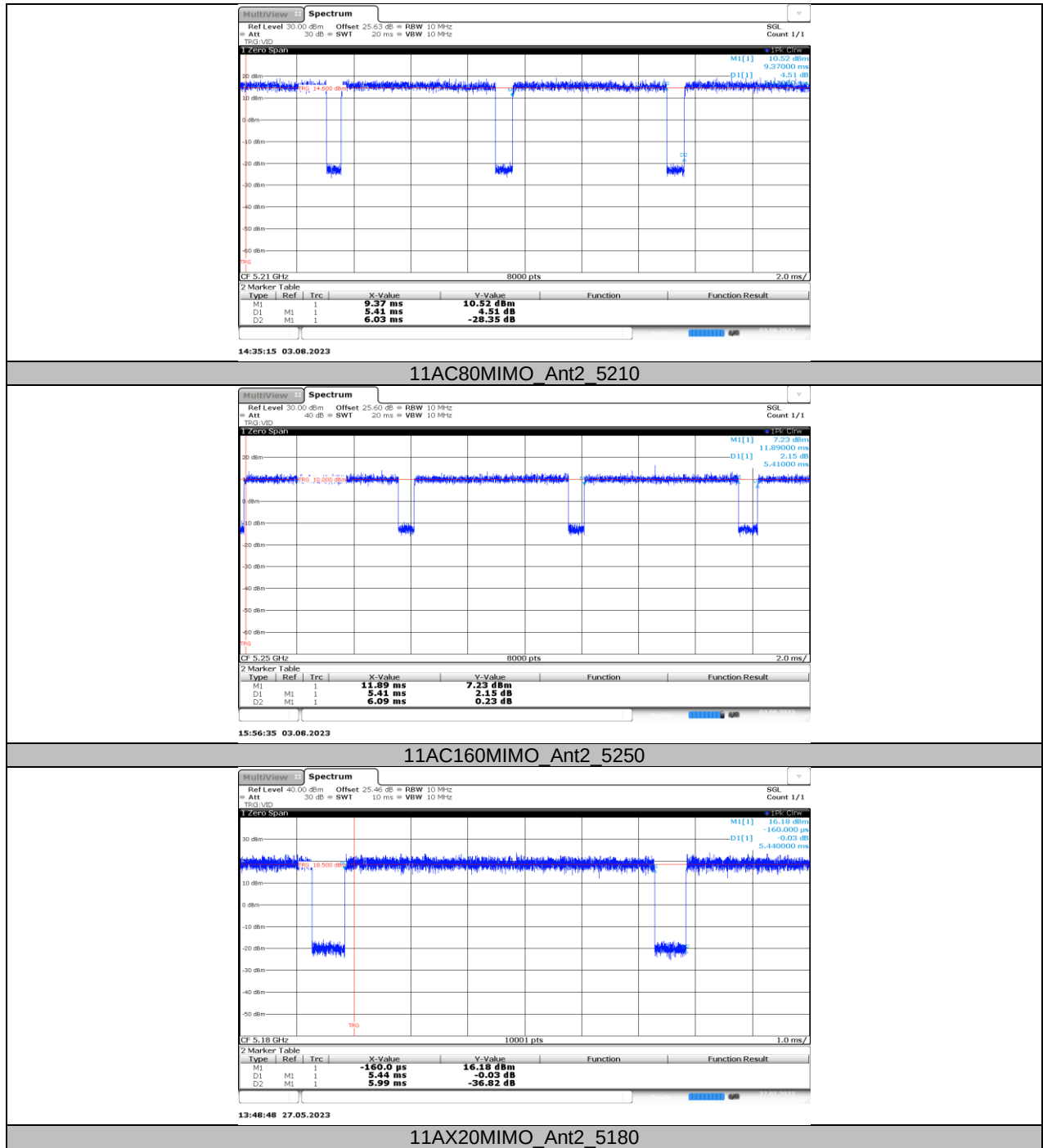
Where: x is Duty Cycle (Linear)

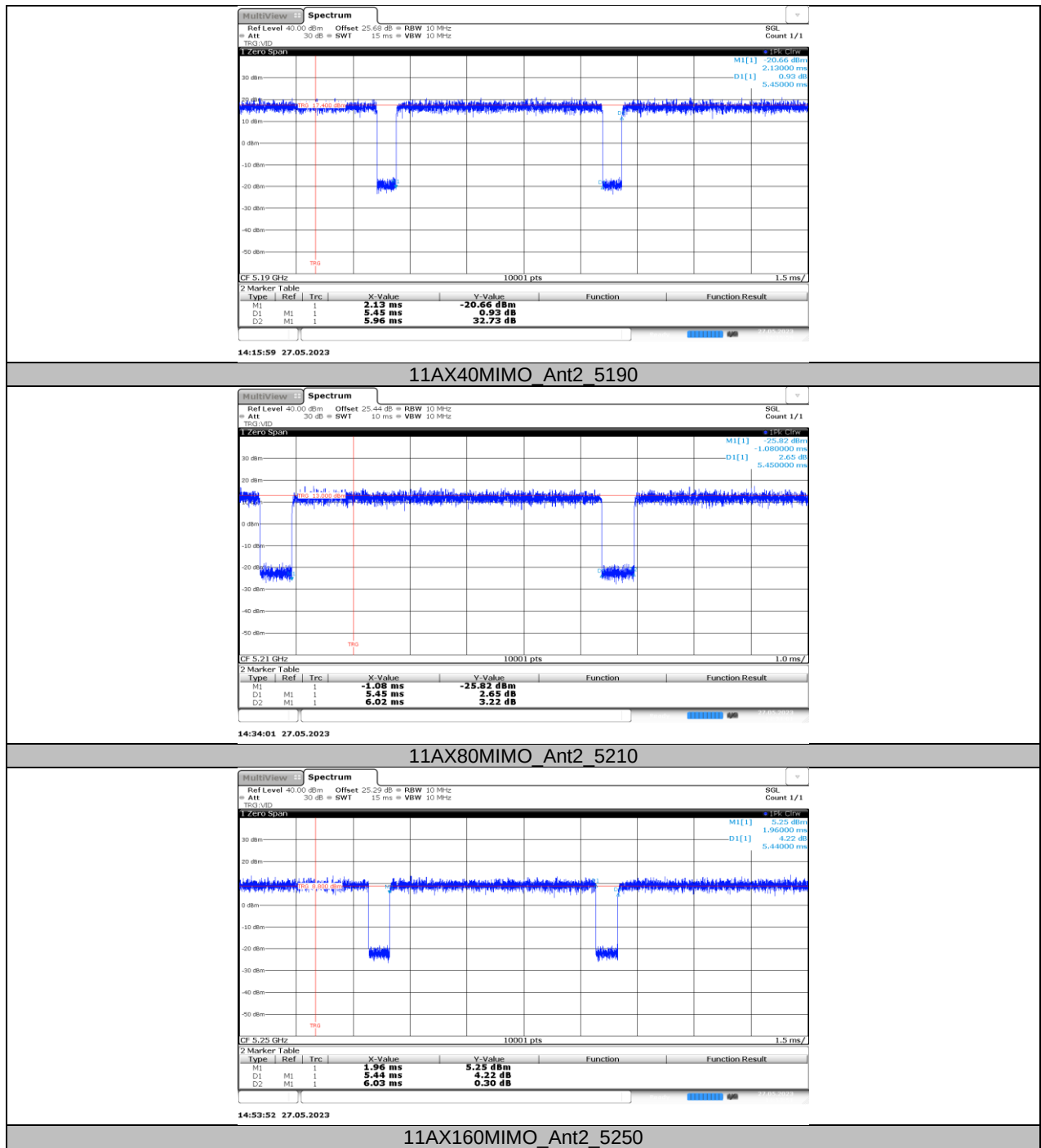
Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs







END OF REPORT