



NTVN-11AX20SISO-Ant1-5180



NTVN-11AX20SISO-Ant1-5220



NTVN-11AX20SISO-Ant1-5240



NTVN-11AX20SISO-Ant1-5260



NTVN-11AX20SISO-Ant1-5300



NTVN-11AX20SISO-Ant1-5320



NTVN-11AX20SISO-Ant1-5500



NTVN-11AX20SISO-Ant1-5580



NTVN-11AX20SISO-Ant1-5700



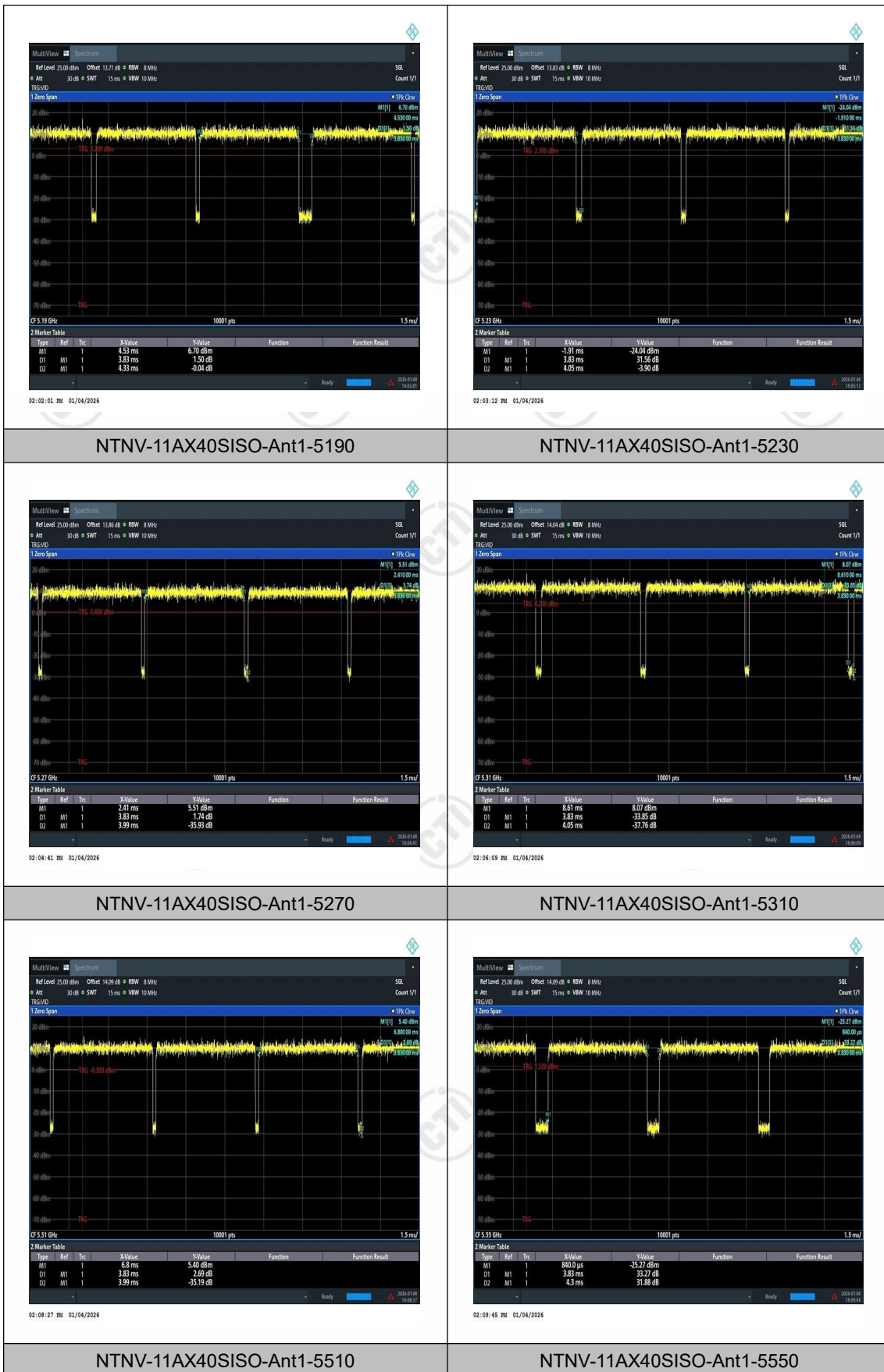
NTVN-11AX20SISO-Ant1-5745

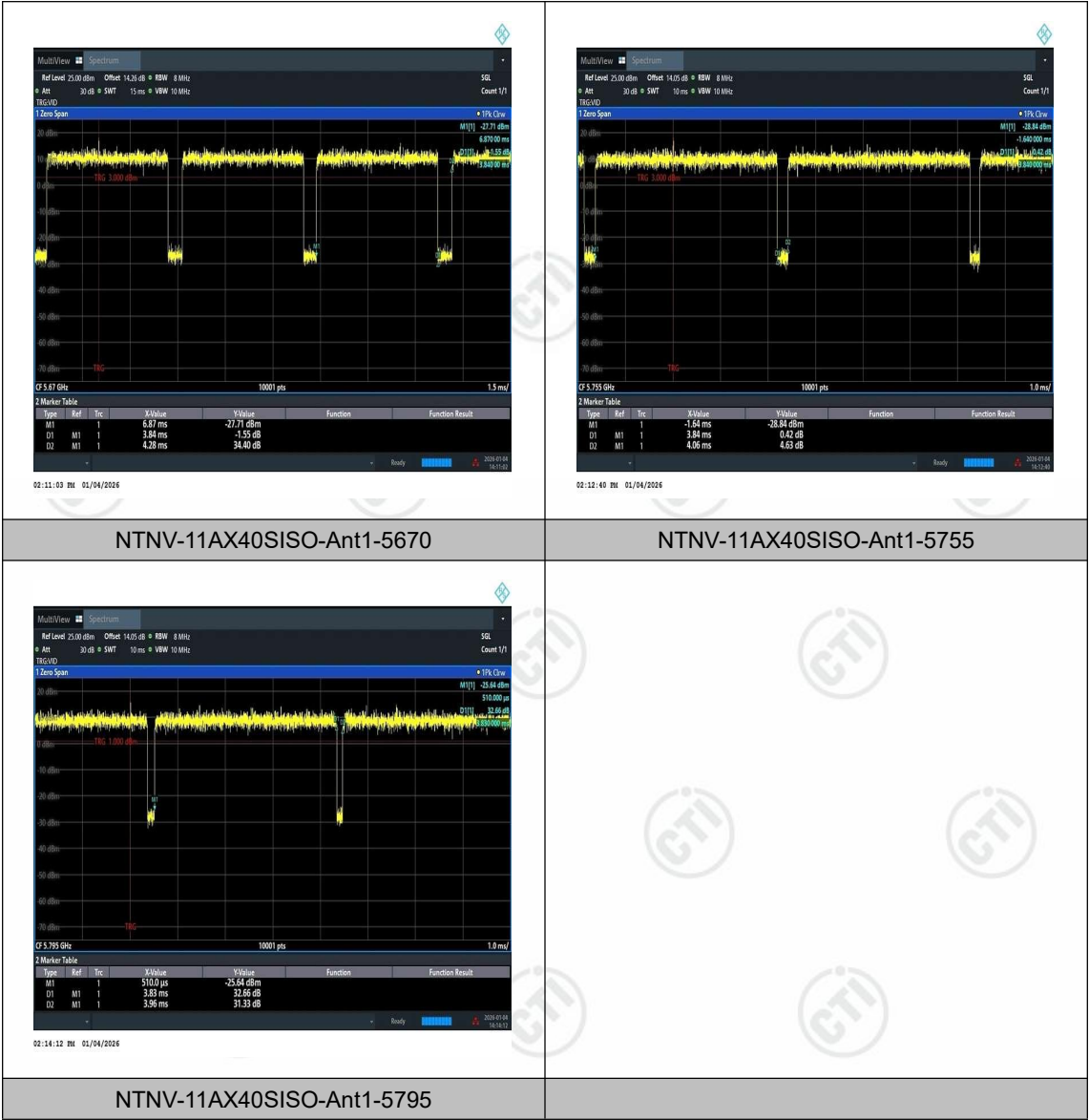


NTVN-11AX20SISO-Ant1-5785



NTVN-11AX20SISO-Ant1-5825





Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	6.00	90.32	0.44	6.44	≤23.98	PASS
11A	Ant1	5220	5.98	90.85	0.42	6.40	≤23.98	PASS
11A	Ant1	5240	6.15	86.96	0.61	6.76	≤23.98	PASS
11A	Ant1	5260	5.98	91.50	0.39	6.37	≤23.98	PASS
11A	Ant1	5300	6.18	89.17	0.50	6.68	≤23.98	PASS
11A	Ant1	5320	6.36	88.61	0.53	6.89	≤23.98	PASS
11A	Ant1	5500	6.88	91.50	0.39	7.27	≤23.98	PASS
11A	Ant1	5580	5.88	86.34	0.64	6.52	≤23.98	PASS
11A	Ant1	5700	6.57	86.42	0.63	7.20	≤23.98	PASS
11A	Ant1	5745	6.61	89.17	0.50	7.11	≤30.00	PASS
11A	Ant1	5785	5.96	85.28	0.69	6.65	≤30.00	PASS
11A	Ant1	5825	7.02	91.50	0.39	7.41	≤30.00	PASS
11N20SISO	Ant1	5180	3.89	97.51	0.11	4.00	≤23.98	PASS
11N20SISO	Ant1	5220	4.13	96.40	0.16	4.29	≤23.98	PASS
11N20SISO	Ant1	5240	4.21	97.51	0.11	4.32	≤23.98	PASS
11N20SISO	Ant1	5260	4.13	96.77	0.14	4.27	≤23.98	PASS
11N20SISO	Ant1	5300	4.87	97.14	0.13	5.00	≤23.98	PASS
11N20SISO	Ant1	5320	4.51	97.51	0.11	4.62	≤23.98	PASS
11N20SISO	Ant1	5500	4.95	95.68	0.19	5.14	≤23.98	PASS
11N20SISO	Ant1	5580	4.91	96.39	0.16	5.07	≤23.98	PASS
11N20SISO	Ant1	5700	5.67	97.50	0.11	5.78	≤23.98	PASS
11N20SISO	Ant1	5745	5.84	97.50	0.11	5.95	≤30.00	PASS
11N20SISO	Ant1	5785	5.10	96.58	0.15	5.25	≤30.00	PASS
11N20SISO	Ant1	5825	5.12	97.51	0.11	5.23	≤30.00	PASS
11N40SISO	Ant1	5190	3.88	96.99	0.13	4.01	≤23.98	PASS
11N40SISO	Ant1	5230	4.07	96.61	0.15	4.22	≤23.98	PASS
11N40SISO	Ant1	5270	4.22	97.59	0.11	4.33	≤23.98	PASS
11N40SISO	Ant1	5310	4.12	97.00	0.13	4.25	≤23.98	PASS
11N40SISO	Ant1	5510	5.31	95.85	0.18	5.49	≤23.98	PASS
11N40SISO	Ant1	5550	5.25	97.58	0.11	5.36	≤23.98	PASS
11N40SISO	Ant1	5670	5.08	95.84	0.18	5.26	≤23.98	PASS
11N40SISO	Ant1	5755	5.60	97.58	0.11	5.71	≤30.00	PASS
11N40SISO	Ant1	5795	4.85	95.65	0.19	5.04	≤30.00	PASS
11AC20SISO	Ant1	5180	3.94	97.70	0.10	4.04	≤23.98	PASS
11AC20SISO	Ant1	5220	4.12	97.33	0.12	4.24	≤23.98	PASS

11AC20SISO	Ant1	5240	4.06	97.33	0.12	4.18	≤23.98	PASS
11AC20SISO	Ant1	5260	4.17	97.32	0.12	4.29	≤23.98	PASS
11AC20SISO	Ant1	5300	4.84	97.70	0.10	4.94	≤23.98	PASS
11AC20SISO	Ant1	5320	4.52	97.70	0.10	4.62	≤23.98	PASS
11AC20SISO	Ant1	5500	5.36	97.70	0.10	5.46	≤23.98	PASS
11AC20SISO	Ant1	5580	5.69	96.77	0.14	5.83	≤23.98	PASS
11AC20SISO	Ant1	5700	5.60	97.51	0.11	5.71	≤23.98	PASS
11AC20SISO	Ant1	5745	3.84	95.86	0.18	4.02	≤30.00	PASS
11AC20SISO	Ant1	5785	5.17	97.70	0.10	5.27	≤30.00	PASS
11AC20SISO	Ant1	5825	4.17	95.50	0.20	4.37	≤30.00	PASS
11AC40SISO	Ant1	5190	4.73	96.61	0.15	4.88	≤23.98	PASS
11AC40SISO	Ant1	5230	3.94	95.67	0.19	4.13	≤23.98	PASS
11AC40SISO	Ant1	5270	4.34	96.62	0.15	4.49	≤23.98	PASS
11AC40SISO	Ant1	5310	4.05	97.59	0.11	4.16	≤23.98	PASS
11AC40SISO	Ant1	5510	5.30	95.47	0.20	5.50	≤23.98	PASS
11AC40SISO	Ant1	5550	5.03	97.39	0.11	5.14	≤23.98	PASS
11AC40SISO	Ant1	5670	5.12	97.39	0.11	5.23	≤23.98	PASS
11AC40SISO	Ant1	5755	3.61	97.39	0.11	3.72	≤30.00	PASS
11AC40SISO	Ant1	5795	3.11	97.39	0.11	3.22	≤30.00	PASS
11AX20SISO	Ant1	5180	3.74	94.39	0.25	3.99	≤23.98	PASS
11AX20SISO	Ant1	5220	4.03	95.33	0.21	4.24	≤23.98	PASS
11AX20SISO	Ant1	5240	4.24	96.04	0.18	4.42	≤23.98	PASS
11AX20SISO	Ant1	5260	2.94	95.80	0.19	3.13	≤23.98	PASS
11AX20SISO	Ant1	5300	3.62	95.10	0.22	3.84	≤23.98	PASS
11AX20SISO	Ant1	5320	4.33	94.16	0.26	4.59	≤23.98	PASS
11AX20SISO	Ant1	5500	3.96	91.08	0.41	4.37	≤23.98	PASS
11AX20SISO	Ant1	5580	2.82	89.17	0.50	3.32	≤23.98	PASS
11AX20SISO	Ant1	5700	4.48	94.40	0.25	4.73	≤23.98	PASS
11AX20SISO	Ant1	5745	3.55	94.87	0.23	3.78	≤30.00	PASS
11AX20SISO	Ant1	5785	3.36	95.33	0.21	3.57	≤30.00	PASS
11AX20SISO	Ant1	5825	4.97	96.75	0.14	5.11	≤30.00	PASS
11AX40SISO	Ant1	5190	3.85	88.45	0.53	4.38	≤23.98	PASS
11AX40SISO	Ant1	5230	4.64	94.57	0.24	4.88	≤23.98	PASS
11AX40SISO	Ant1	5270	3.76	95.99	0.18	3.94	≤23.98	PASS
11AX40SISO	Ant1	5310	4.65	94.57	0.24	4.89	≤23.98	PASS
11AX40SISO	Ant1	5510	4.26	95.99	0.18	4.44	≤23.98	PASS
11AX40SISO	Ant1	5550	4.29	89.07	0.50	4.79	≤23.98	PASS
11AX40SISO	Ant1	5670	4.03	89.72	0.47	4.50	≤23.98	PASS
11AX40SISO	Ant1	5755	3.47	94.58	0.24	3.71	≤30.00	PASS
11AX40SISO	Ant1	5795	3.13	96.72	0.14	3.27	≤30.00	PASS

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

Appendix D: Maximum power spectral density

Test Result

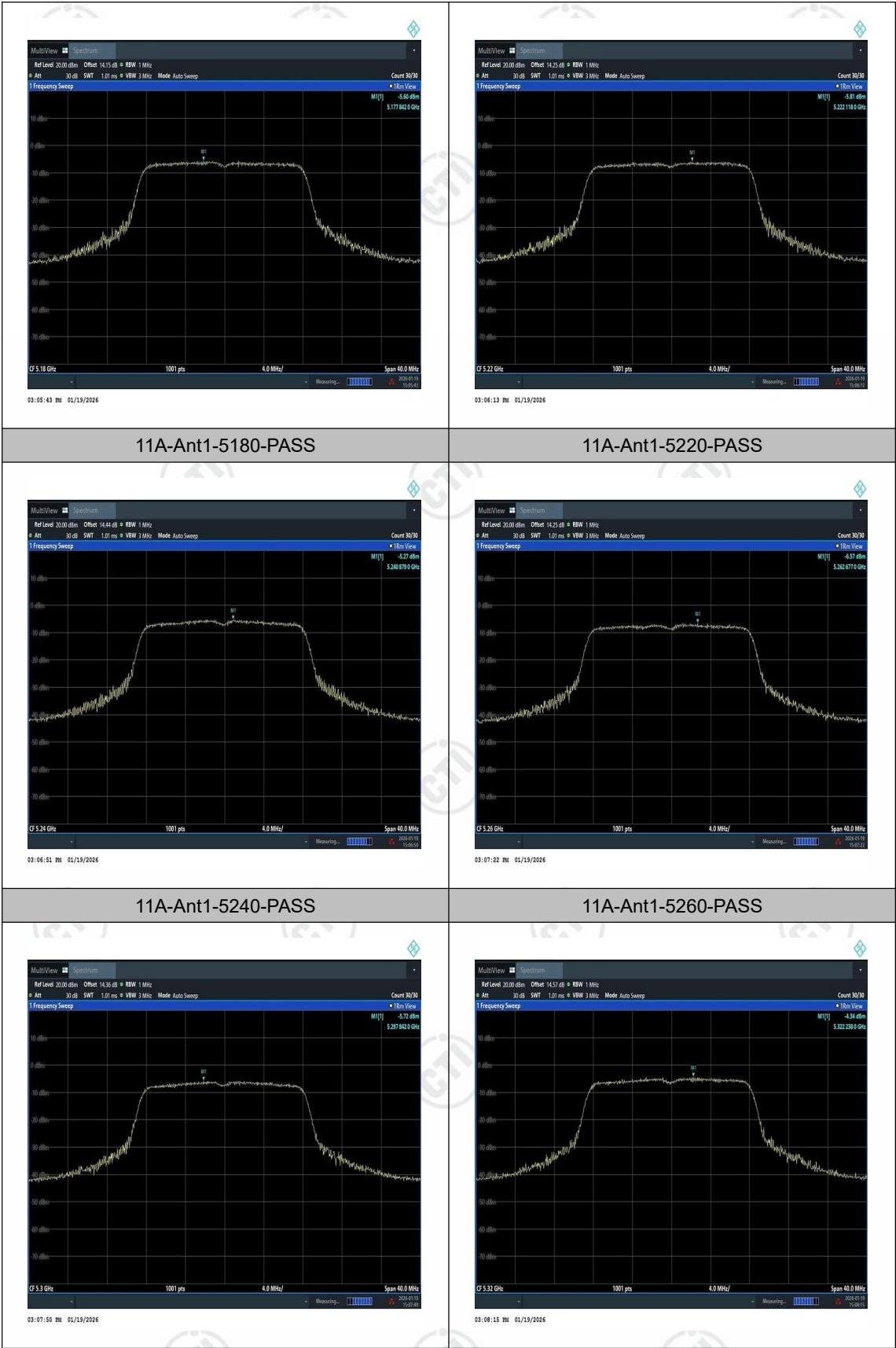
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-5.60	≤11.00	PASS
11A	Ant1	5220	-5.81	≤11.00	PASS
11A	Ant1	5240	-5.27	≤11.00	PASS
11A	Ant1	5260	-6.57	≤11.00	PASS
11A	Ant1	5300	-5.72	≤11.00	PASS
11A	Ant1	5320	-4.34	≤11.00	PASS
11A	Ant1	5500	-4.15	≤11.00	PASS
11A	Ant1	5580	-5.01	≤11.00	PASS
11A	Ant1	5700	-3.31	≤11.00	PASS
11A	Ant1	5745	-7.33	≤30.00	PASS
11A	Ant1	5785	-7.78	≤30.00	PASS
11A	Ant1	5825	-7.21	≤30.00	PASS
11N20SISO	Ant1	5180	-7.54	≤11.00	PASS
11N20SISO	Ant1	5220	-7.41	≤11.00	PASS
11N20SISO	Ant1	5240	-7.54	≤11.00	PASS
11N20SISO	Ant1	5260	-7.54	≤11.00	PASS
11N20SISO	Ant1	5300	-7.12	≤11.00	PASS
11N20SISO	Ant1	5320	-6.90	≤11.00	PASS
11N20SISO	Ant1	5500	-6.69	≤11.00	PASS
11N20SISO	Ant1	5580	-6.53	≤11.00	PASS
11N20SISO	Ant1	5700	-6.08	≤11.00	PASS
11N20SISO	Ant1	5745	-8.98	≤30.00	PASS
11N20SISO	Ant1	5785	-9.44	≤30.00	PASS
11N20SISO	Ant1	5825	-9.43	≤30.00	PASS
11N40SISO	Ant1	5190	-10.83	≤11.00	PASS
11N40SISO	Ant1	5230	-10.72	≤11.00	PASS
11N40SISO	Ant1	5270	-10.23	≤11.00	PASS
11N40SISO	Ant1	5310	-10.50	≤11.00	PASS
11N40SISO	Ant1	5510	-9.56	≤11.00	PASS
11N40SISO	Ant1	5550	-9.58	≤11.00	PASS
11N40SISO	Ant1	5670	-9.04	≤11.00	PASS
11N40SISO	Ant1	5755	-12.30	≤30.00	PASS
11N40SISO	Ant1	5795	-12.89	≤30.00	PASS
11AC20SISO	Ant1	5180	-8.00	≤11.00	PASS
11AC20SISO	Ant1	5220	-7.31	≤11.00	PASS
11AC20SISO	Ant1	5240	-7.47	≤11.00	PASS
11AC20SISO	Ant1	5260	-7.58	≤11.00	PASS

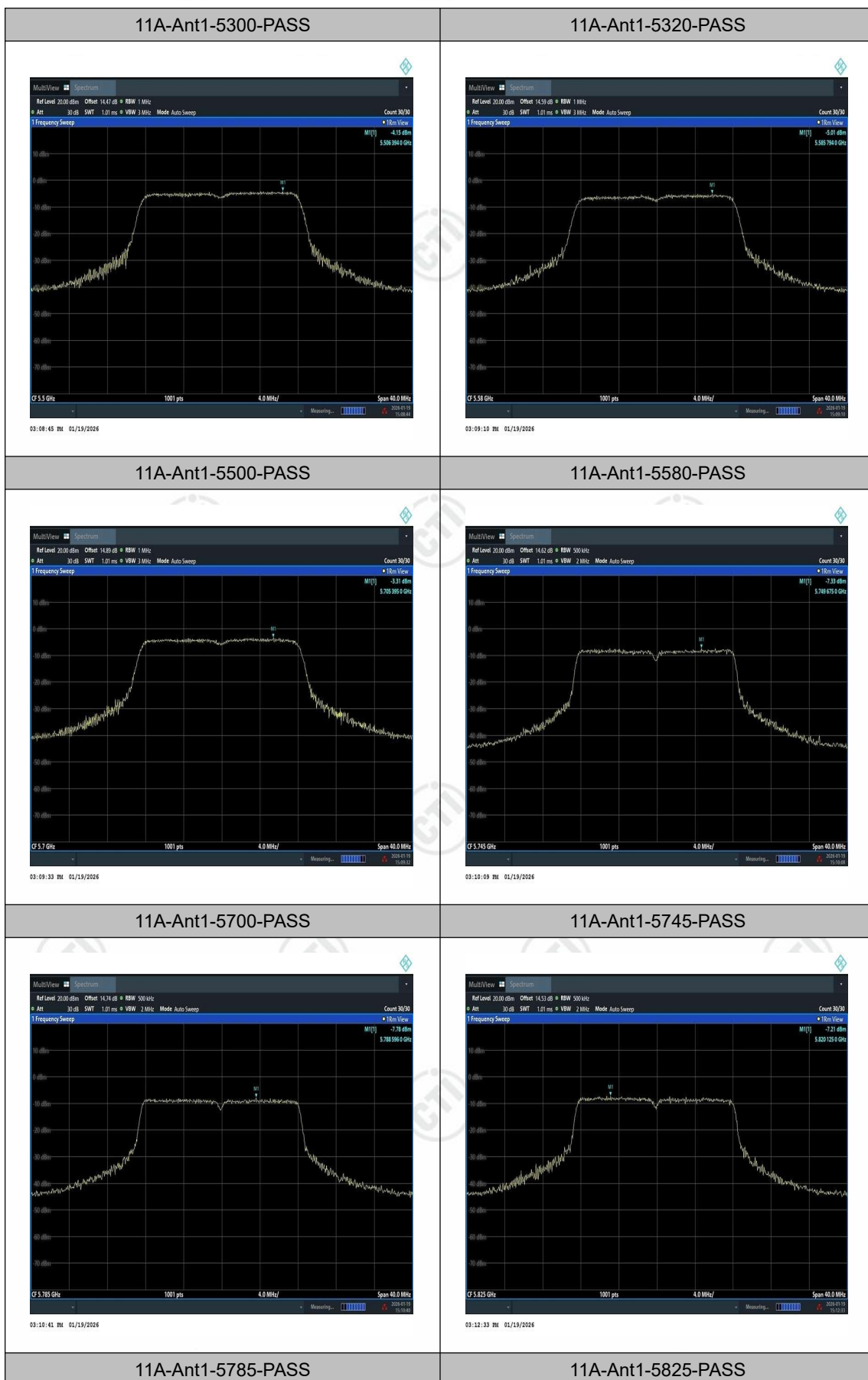
11AC20SISO	Ant1	5300	-6.98	≤11.00	PASS
11AC20SISO	Ant1	5320	-7.28	≤11.00	PASS
11AC20SISO	Ant1	5500	-6.08	≤11.00	PASS
11AC20SISO	Ant1	5580	-5.71	≤11.00	PASS
11AC20SISO	Ant1	5700	-6.29	≤11.00	PASS
11AC20SISO	Ant1	5745	-10.99	≤30.00	PASS
11AC20SISO	Ant1	5785	-9.29	≤30.00	PASS
11AC20SISO	Ant1	5825	-10.41	≤30.00	PASS
11AC40SISO	Ant1	5190	-9.59	≤11.00	PASS
11AC40SISO	Ant1	5230	-10.32	≤11.00	PASS
11AC40SISO	Ant1	5270	-10.62	≤11.00	PASS
11AC40SISO	Ant1	5310	-10.59	≤11.00	PASS
11AC40SISO	Ant1	5510	-9.47	≤11.00	PASS
11AC40SISO	Ant1	5550	-9.68	≤11.00	PASS
11AC40SISO	Ant1	5670	-9.23	≤11.00	PASS
11AC40SISO	Ant1	5755	-14.23	≤30.00	PASS
11AC40SISO	Ant1	5795	-14.54	≤30.00	PASS
11AX20SISO	Ant1	5180	-7.70	≤11.00	PASS
11AX20SISO	Ant1	5220	-8.04	≤11.00	PASS
11AX20SISO	Ant1	5240	-7.57	≤11.00	PASS
11AX20SISO	Ant1	5260	-8.68	≤11.00	PASS
11AX20SISO	Ant1	5300	-8.02	≤11.00	PASS
11AX20SISO	Ant1	5320	-6.61	≤11.00	PASS
11AX20SISO	Ant1	5500	-7.45	≤11.00	PASS
11AX20SISO	Ant1	5580	-8.33	≤11.00	PASS
11AX20SISO	Ant1	5700	-6.85	≤11.00	PASS
11AX20SISO	Ant1	5745	-10.88	≤30.00	PASS
11AX20SISO	Ant1	5785	-11.26	≤30.00	PASS
11AX20SISO	Ant1	5825	-9.93	≤30.00	PASS
11AX40SISO	Ant1	5190	-9.79	≤11.00	PASS
11AX40SISO	Ant1	5230	-10.31	≤11.00	PASS
11AX40SISO	Ant1	5270	-10.95	≤11.00	PASS
11AX40SISO	Ant1	5310	-9.82	≤11.00	PASS
11AX40SISO	Ant1	5510	-10.58	≤11.00	PASS
11AX40SISO	Ant1	5550	-10.28	≤11.00	PASS
11AX40SISO	Ant1	5670	-9.89	≤11.00	PASS
11AX40SISO	Ant1	5755	-13.87	≤30.00	PASS
11AX40SISO	Ant1	5795	-14.41	≤30.00	PASS

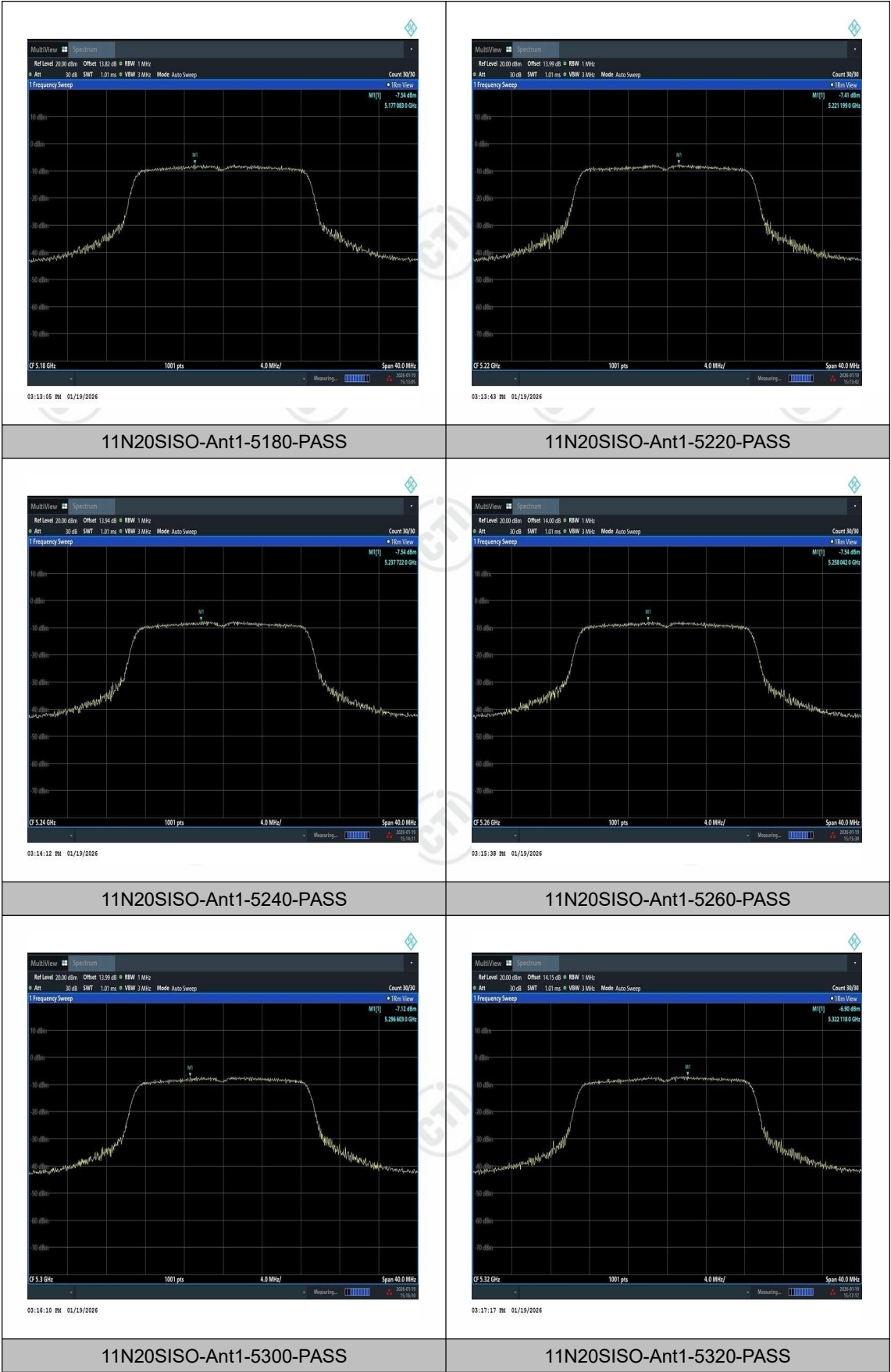
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

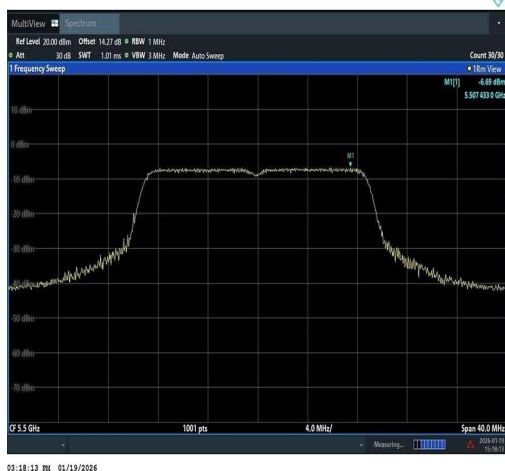
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

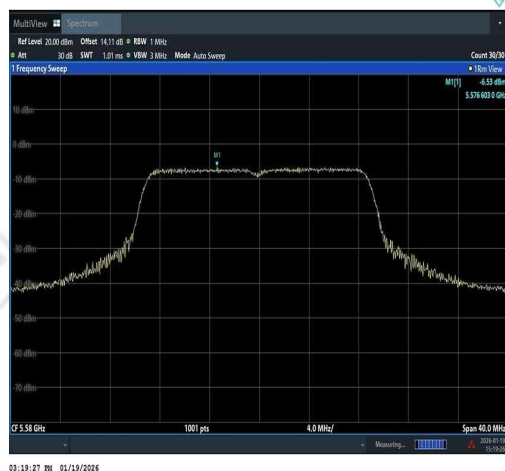




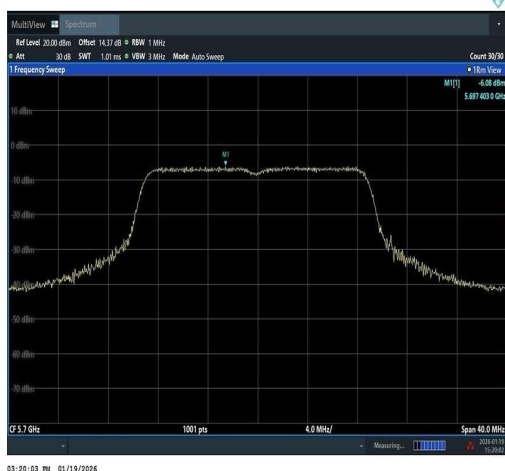




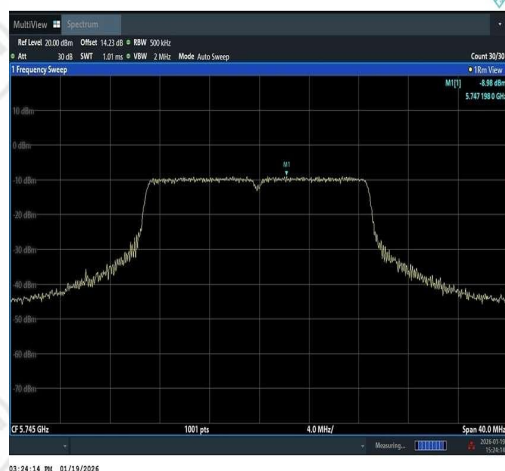
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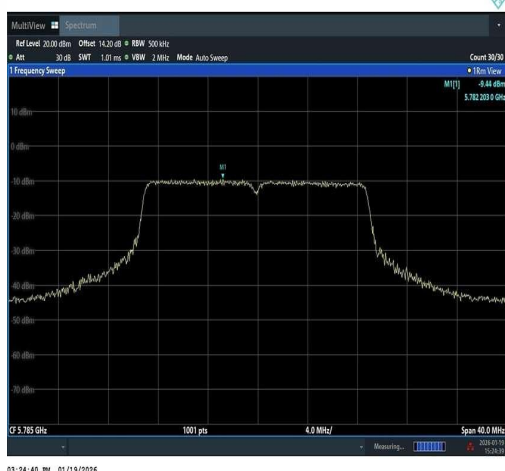
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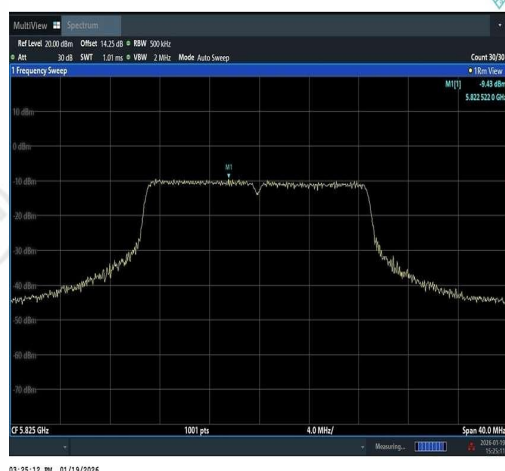
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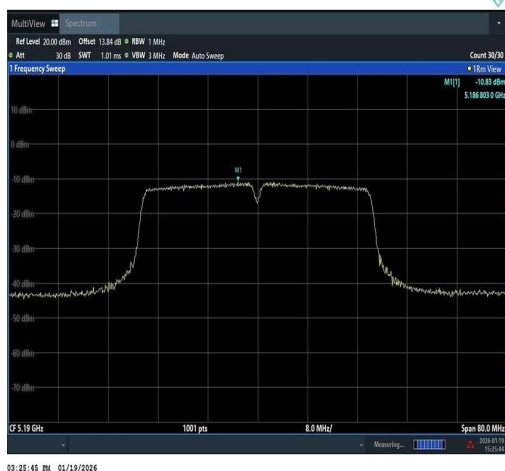
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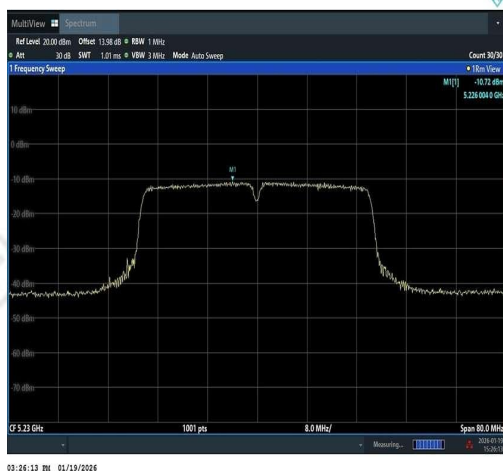
11N20SISO-Ant1-5785-PASS



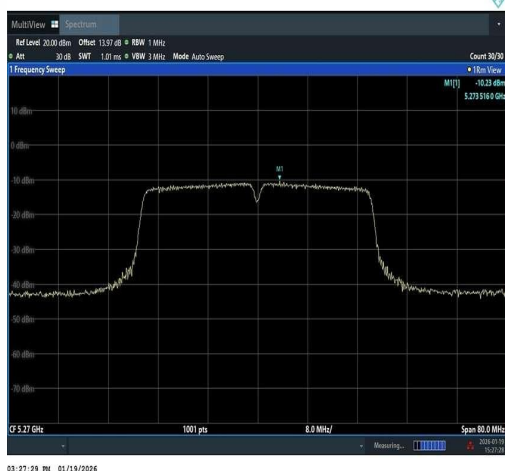
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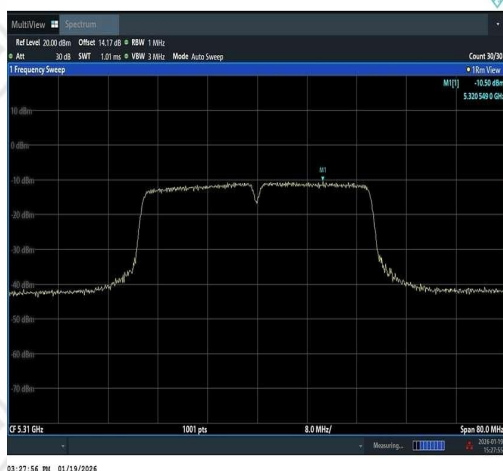
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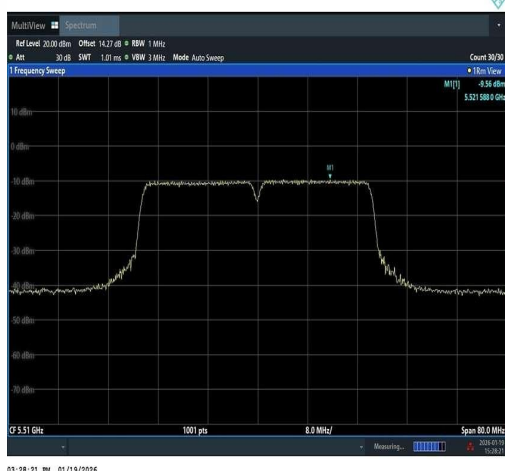
11N40SISO-Ant1-5230-PASS



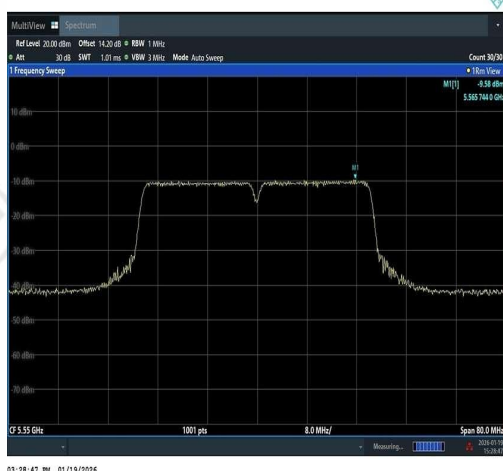
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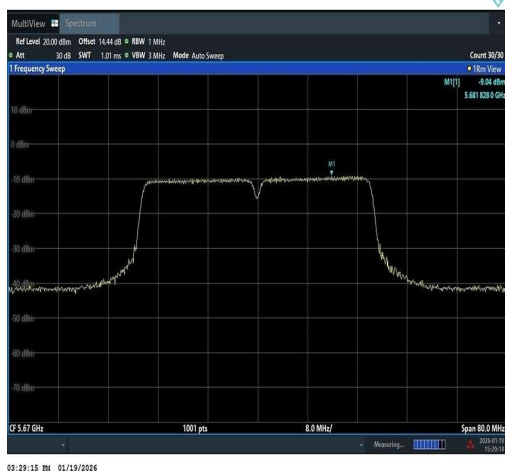
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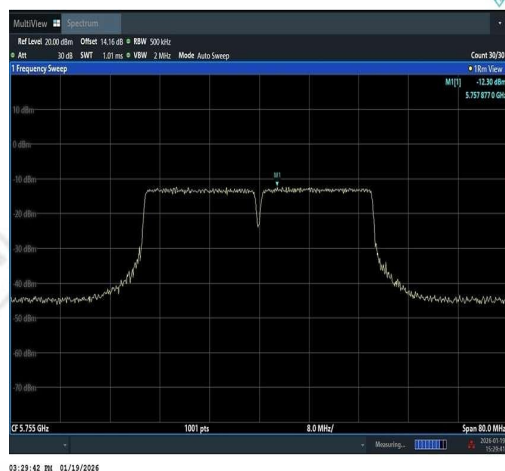
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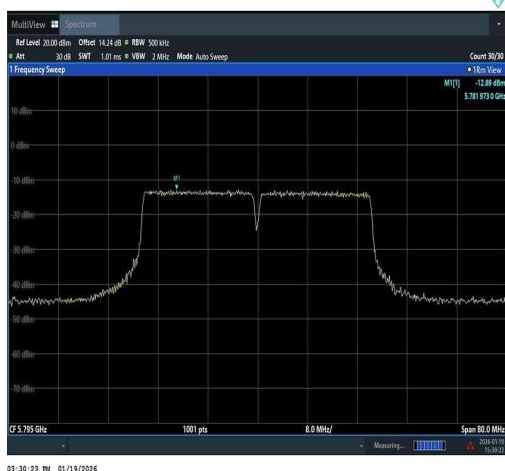
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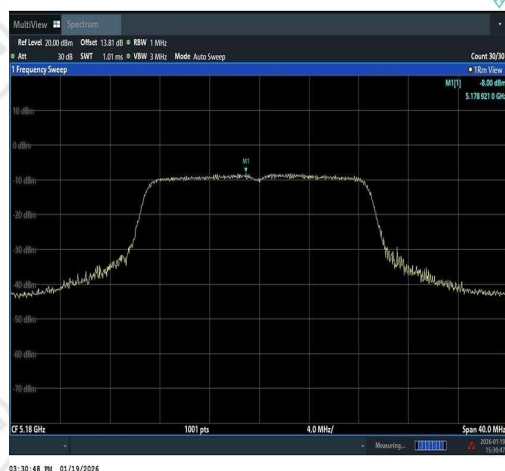
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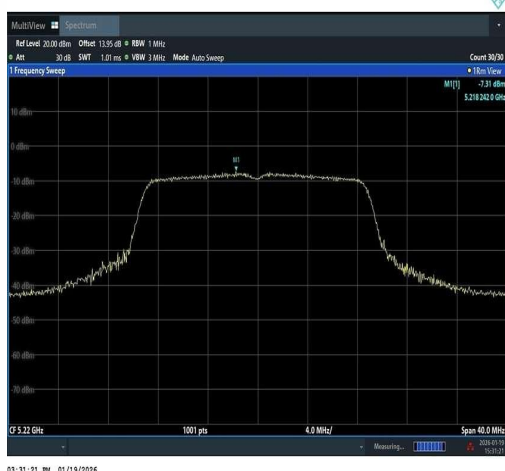
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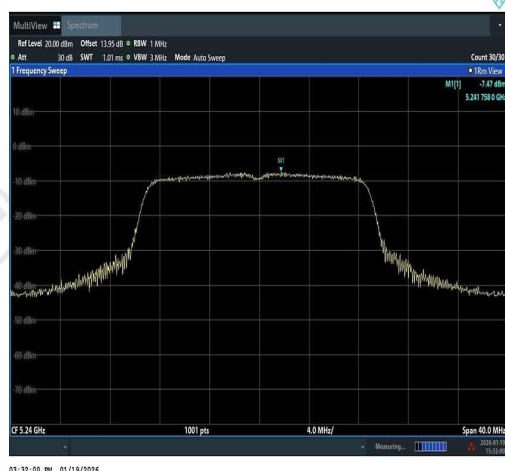
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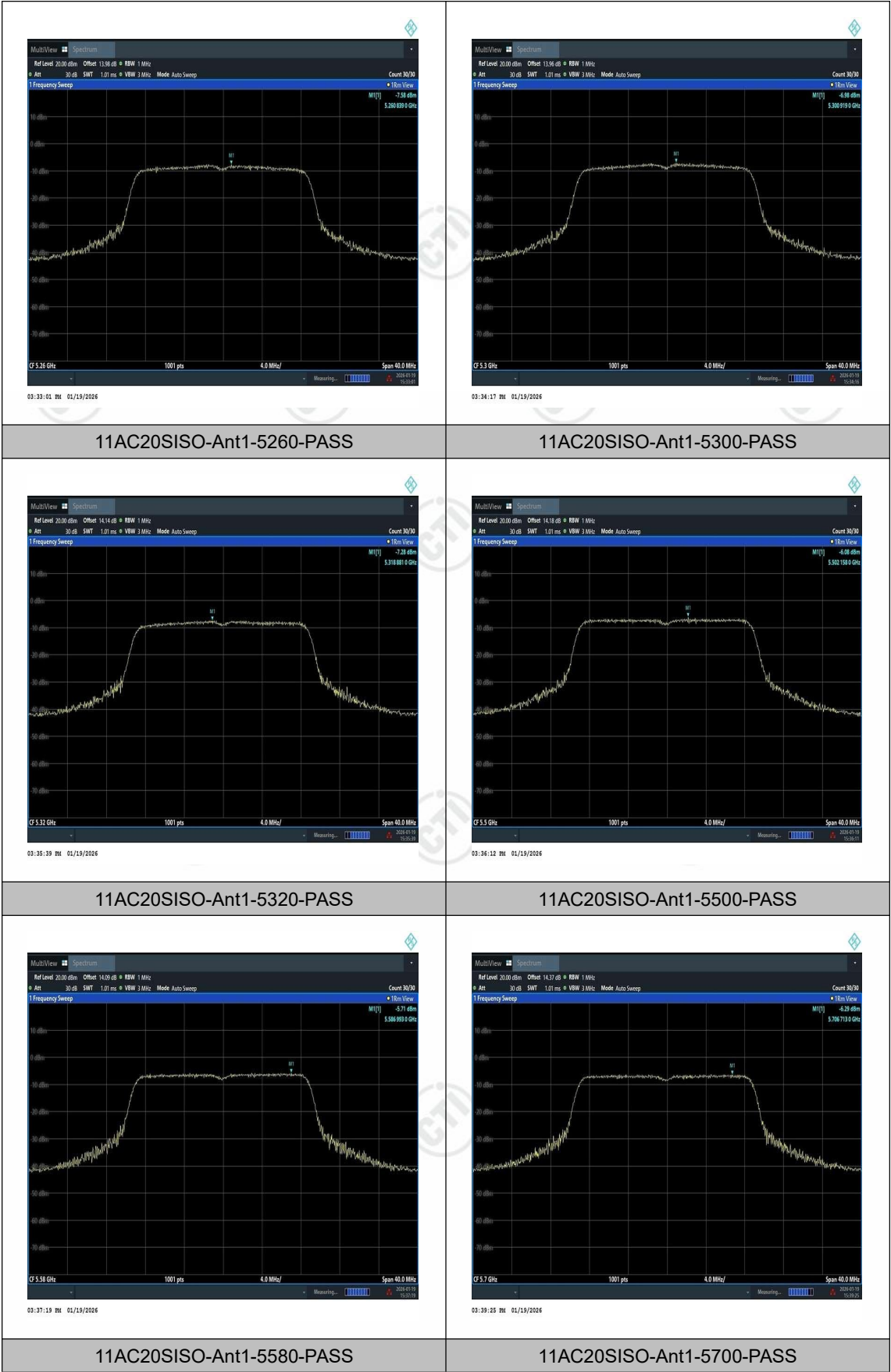
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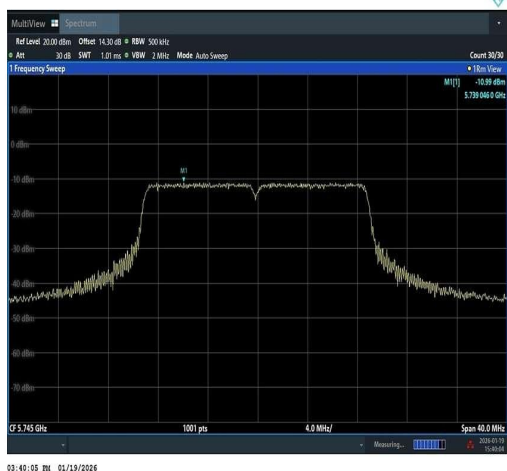


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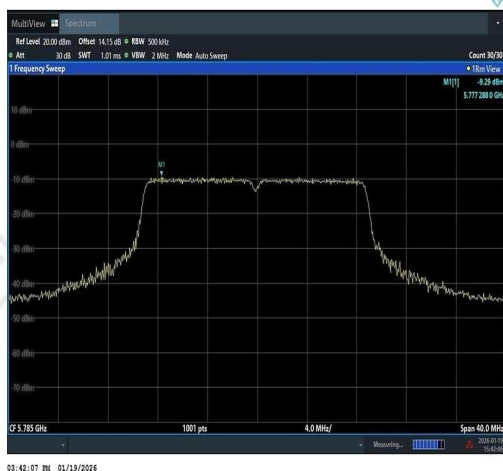


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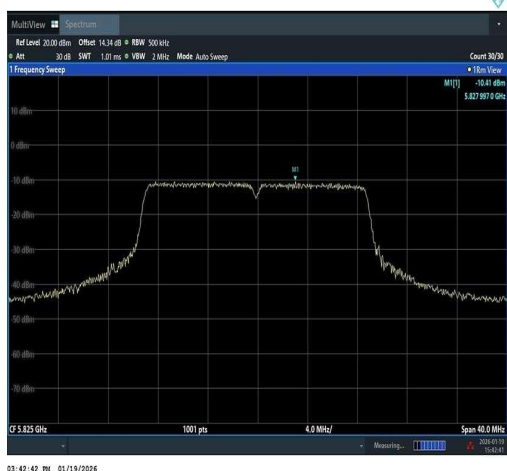




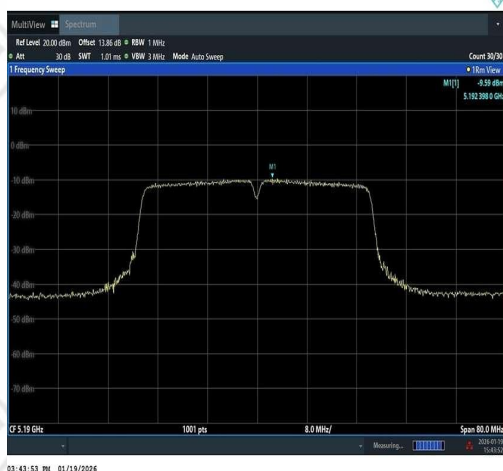
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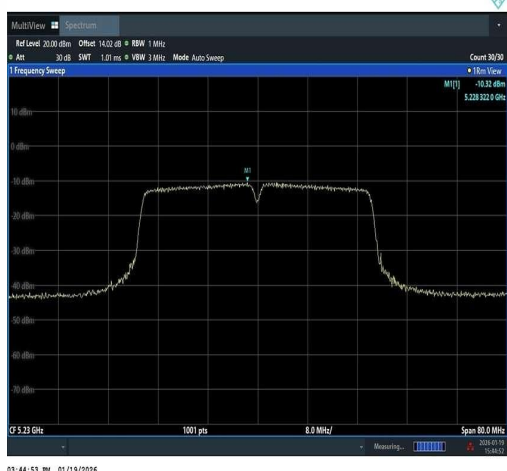
11AC20SISO-Ant1-5785-PASS



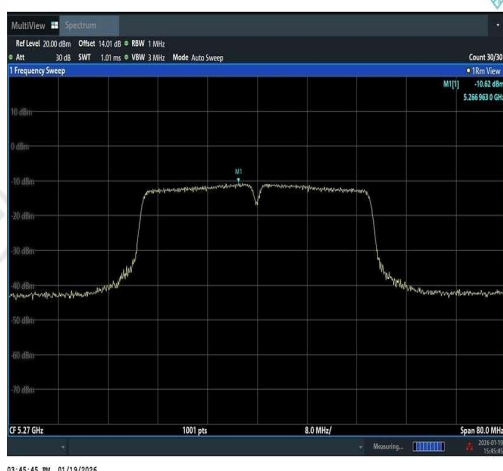
11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS



11AC40SISO-Ant1-5230-PASS



11AC40SISO-Ant1-5270-PASS

