

APPENDIX C

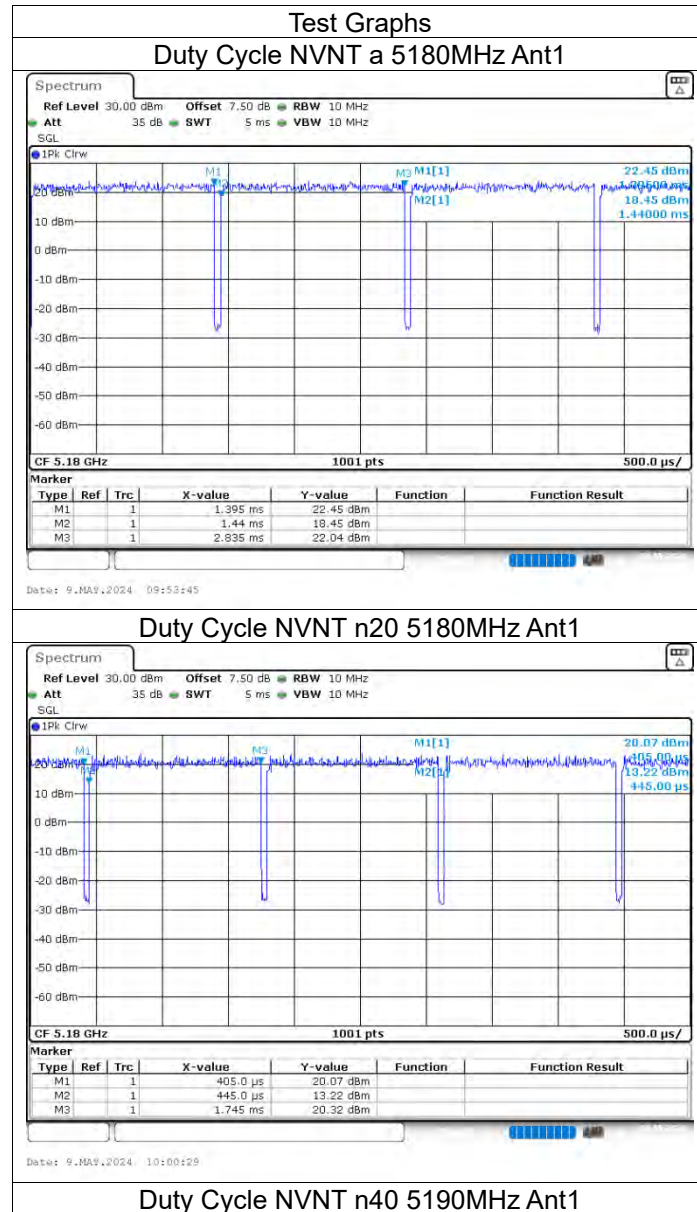
RLAN

DUTY CYCLE

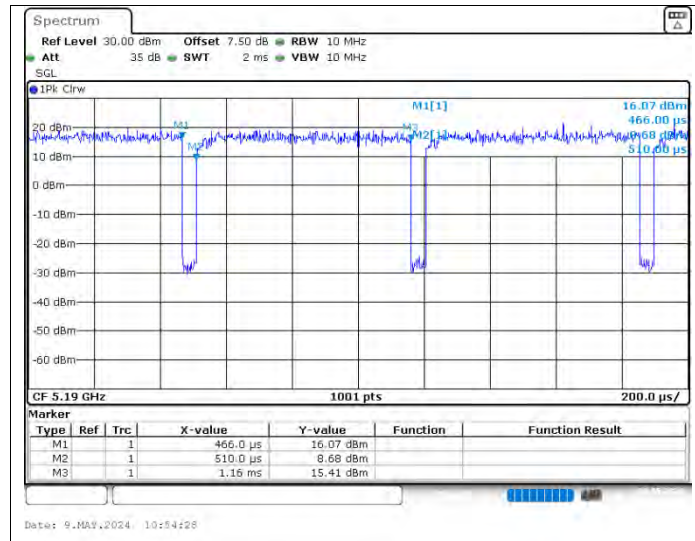
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5180	Ant1	96.88	0.14	0.72
n20	5180	Ant1	97.01	0.13	0.77
n40	5190	Ant1	93.66	0.28	1.54
ac20	5180	Ant1	96.69	0.15	0.76
ac40	5190	Ant1	93.7	0.28	1.53
ac80	5210	Ant1	88.08	0.55	3.08



Reference No.: W7L-240507W001RF03

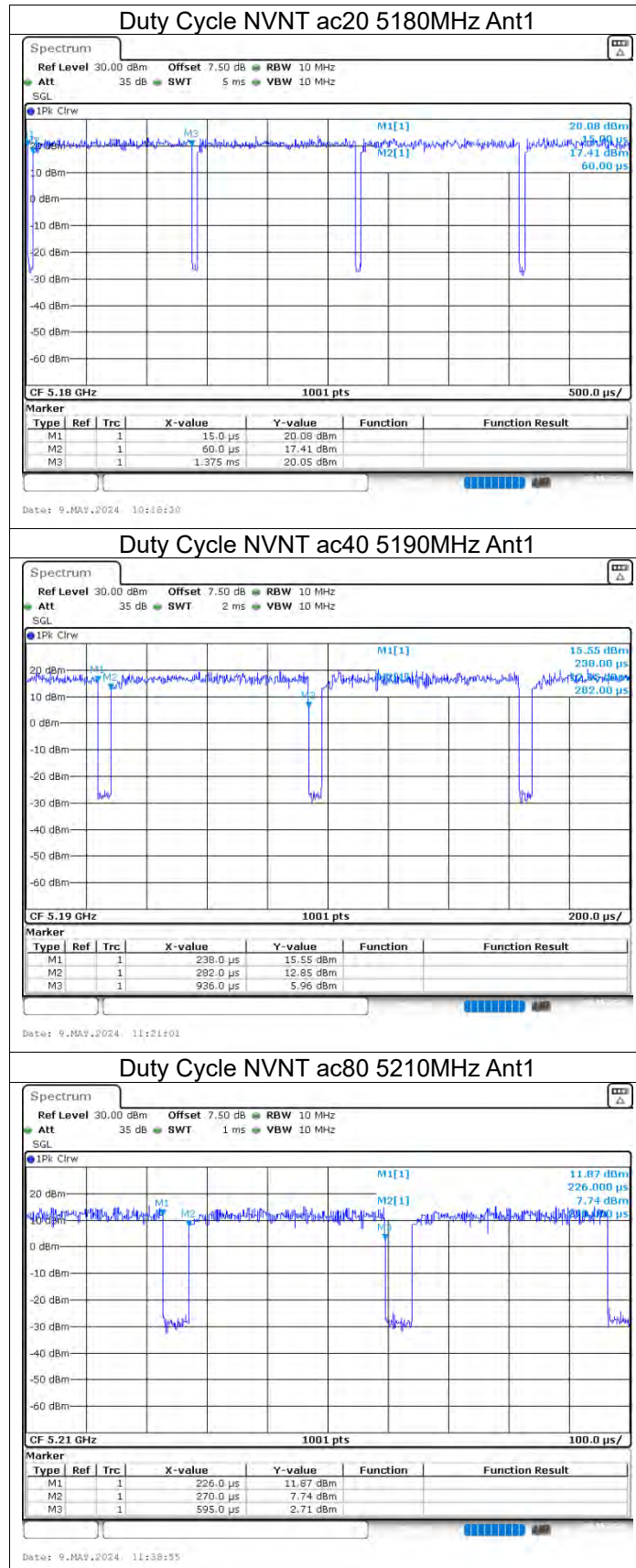


Reference No.: W7L-240507W001RF03





Reference No.: W7L-240507W001RF03





Reference No.: W7L-240507W001RF03

MAXIMUM CONDUCTED OUTPUT POWER

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)
a	5180	Ant1	16.75	0.14	16.89
a	5200	Ant1	16.72	0.14	16.86
a	5240	Ant1	16.88	0.14	17.02
a	5260	Ant1	16.98	0.14	17.12
a	5300	Ant1	17.03	0.14	17.17
a	5320	Ant1	16.82	0.14	16.96
a	5500	Ant1	16.55	0.14	16.69
a	5580	Ant1	16.6	0.14	16.74
a	5720	Ant1	16.06	0.14	16.2
a	5745	Ant1	16.18	0.14	16.32
a	5785	Ant1	16.2	0.14	16.34
a	5825	Ant1	16.2	0.14	16.34
n20	5180	Ant1	15.68	0.13	15.81
n20	5200	Ant1	15.72	0.13	15.85
n20	5240	Ant1	15.93	0.13	16.06
n20	5260	Ant1	15.85	0.13	15.98
n20	5300	Ant1	15.81	0.13	15.94
n20	5320	Ant1	15.88	0.13	16.01
n20	5500	Ant1	15.49	0.13	15.62
n20	5580	Ant1	15.52	0.13	15.65
n20	5720	Ant1	15.01	0.13	15.14
n20	5745	Ant1	15.13	0.13	15.26
n20	5785	Ant1	15.12	0.13	15.25
n20	5825	Ant1	15.07	0.13	15.2
n40	5190	Ant1	14.51	0.28	14.79
n40	5230	Ant1	14.66	0.28	14.94
n40	5270	Ant1	14.67	0.28	14.95
n40	5310	Ant1	14.57	0.28	14.85
n40	5510	Ant1	14.47	0.28	14.75
n40	5550	Ant1	14.52	0.28	14.8
n40	5710	Ant1	14.19	0.28	14.47
n40	5755	Ant1	14.11	0.28	14.39
n40	5795	Ant1	14.08	0.28	14.36
ac20	5180	Ant1	15.62	0.15	15.77
ac20	5200	Ant1	15.7	0.15	15.85
ac20	5240	Ant1	15.9	0.15	16.05
ac20	5260	Ant1	15.81	0.15	15.96
ac20	5300	Ant1	15.78	0.15	15.93



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ac20	5320	Ant1	15.85	0.15	16
ac20	5500	Ant1	15.43	0.15	15.58
ac20	5580	Ant1	15.53	0.15	15.68
ac20	5720	Ant1	15.17	0.15	15.32
ac20	5745	Ant1	15.07	0.15	15.22
ac20	5785	Ant1	15.13	0.15	15.28
ac20	5825	Ant1	15.11	0.15	15.26
ac40	5190	Ant1	14.55	0.28	14.83
ac40	5230	Ant1	14.65	0.28	14.93
ac40	5270	Ant1	14.79	0.28	15.07
ac40	5310	Ant1	14.66	0.28	14.94
ac40	5510	Ant1	14.63	0.28	14.91
ac40	5550	Ant1	14.67	0.28	14.95
ac40	5710	Ant1	14.17	0.28	14.45
ac40	5755	Ant1	14.04	0.28	14.32
ac40	5795	Ant1	14.09	0.28	14.37
ac80	5210	Ant1	13.44	0.55	13.99
ac80	5290	Ant1	13.48	0.55	14.03
ac80	5530	Ant1	13.22	0.55	13.77
ac80	5610	Ant1	13.06	0.55	13.61
ac80	5690	Ant1	13.03	0.55	13.58
ac80	5775	Ant1	12.98	0.55	13.53

-26DB BANDWIDTH

Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	22.425	Pass
a	5200	Ant1	25.845	Pass
a	5240	Ant1	23.913	Pass
a	5260	Ant1	24.393	Pass
a	5300	Ant1	23.601	Pass
a	5320	Ant1	21.936	Pass
a	5500	Ant1	21.567	Pass
a	5580	Ant1	20.772	Pass
a	5720	Ant1	23.817	Pass
a	5745	Ant1	24.069	Pass
a	5785	Ant1	22.419	Pass
a	5825	Ant1	24.285	Pass
n20	5180	Ant1	22.974	Pass
n20	5200	Ant1	20.901	Pass
n20	5240	Ant1	25.563	Pass
n20	5260	Ant1	22.506	Pass
n20	5300	Ant1	23.751	Pass
n20	5320	Ant1	21.318	Pass
n20	5500	Ant1	21.375	Pass
n20	5580	Ant1	21.3	Pass
n20	5720	Ant1	22.776	Pass
n20	5745	Ant1	23.601	Pass
n20	5785	Ant1	21.921	Pass
n20	5825	Ant1	22.449	Pass
n40	5190	Ant1	40.62	Pass
n40	5230	Ant1	40.95	Pass
n40	5270	Ant1	40.77	Pass
n40	5310	Ant1	40.956	Pass
n40	5510	Ant1	40.452	Pass
n40	5550	Ant1	40.584	Pass
n40	5710	Ant1	40.758	Pass
n40	5755	Ant1	40.872	Pass
n40	5795	Ant1	40.836	Pass
ac20	5180	Ant1	21.756	Pass
ac20	5200	Ant1	20.85	Pass
ac20	5240	Ant1	20.781	Pass
ac20	5260	Ant1	20.556	Pass
ac20	5300	Ant1	20.643	Pass
ac20	5320	Ant1	21.699	Pass
ac20	5500	Ant1	21.351	Pass
ac20	5580	Ant1	20.334	Pass
ac20	5720	Ant1	21.084	Pass
ac20	5745	Ant1	22.524	Pass
ac20	5785	Ant1	21.747	Pass
ac20	5825	Ant1	21.603	Pass
ac40	5190	Ant1	40.89	Pass
ac40	5230	Ant1	40.668	Pass
ac40	5270	Ant1	40.776	Pass
ac40	5310	Ant1	40.83	Pass



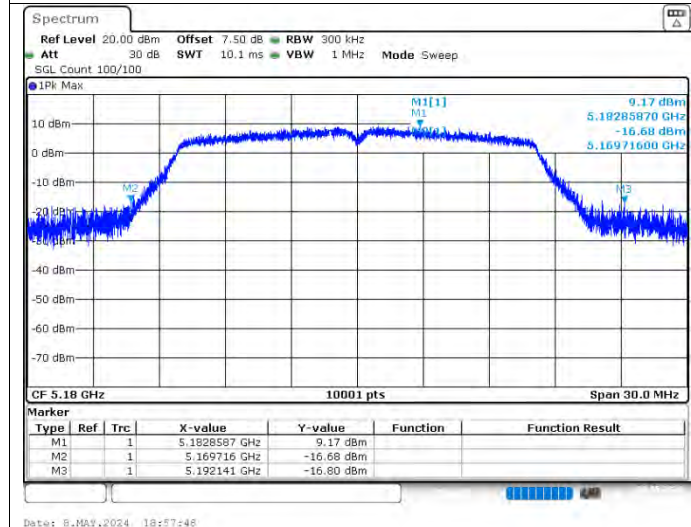
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Reference No.: W7L-240507W001RF03

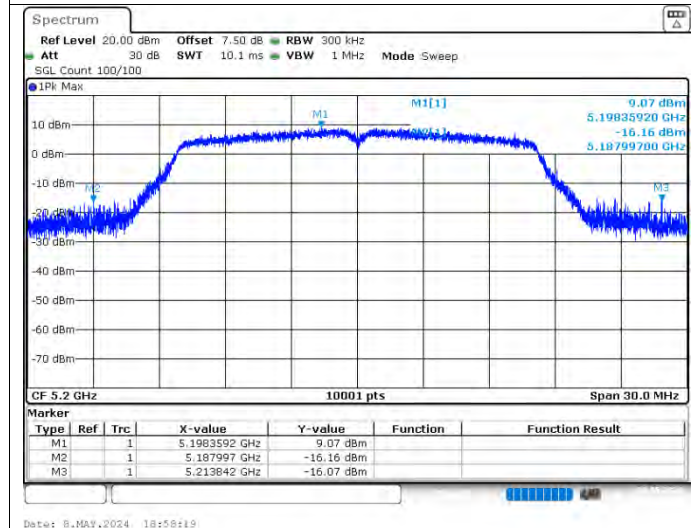
ac40	5510	Ant1	40.764	Pass
ac40	5550	Ant1	41.166	Pass
ac40	5710	Ant1	40.47	Pass
ac40	5755	Ant1	40.512	Pass
ac40	5795	Ant1	40.896	Pass
ac80	5210	Ant1	81.624	Pass
ac80	5290	Ant1	80.928	Pass
ac80	5530	Ant1	81.036	Pass
ac80	5610	Ant1	80.868	Pass
ac80	5690	Ant1	80.844	Pass
ac80	5775	Ant1	81.096	Pass

Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



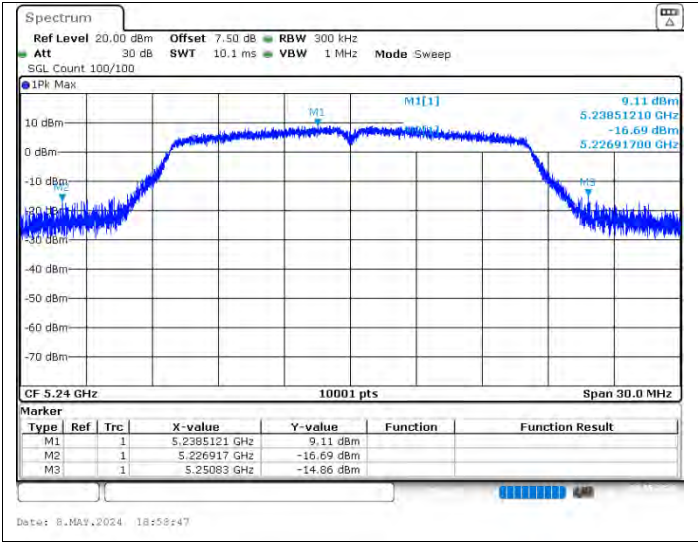
-26dB Bandwidth NVNT a 5200MHz Ant1

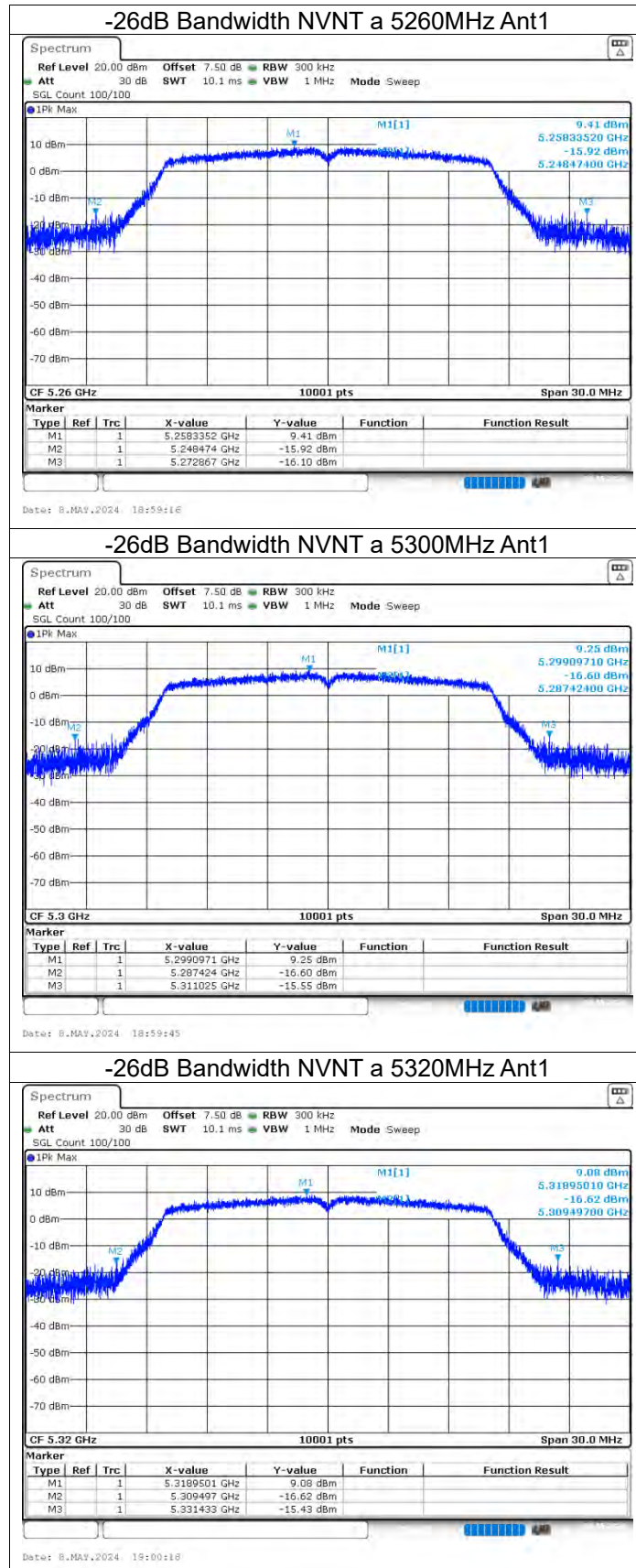


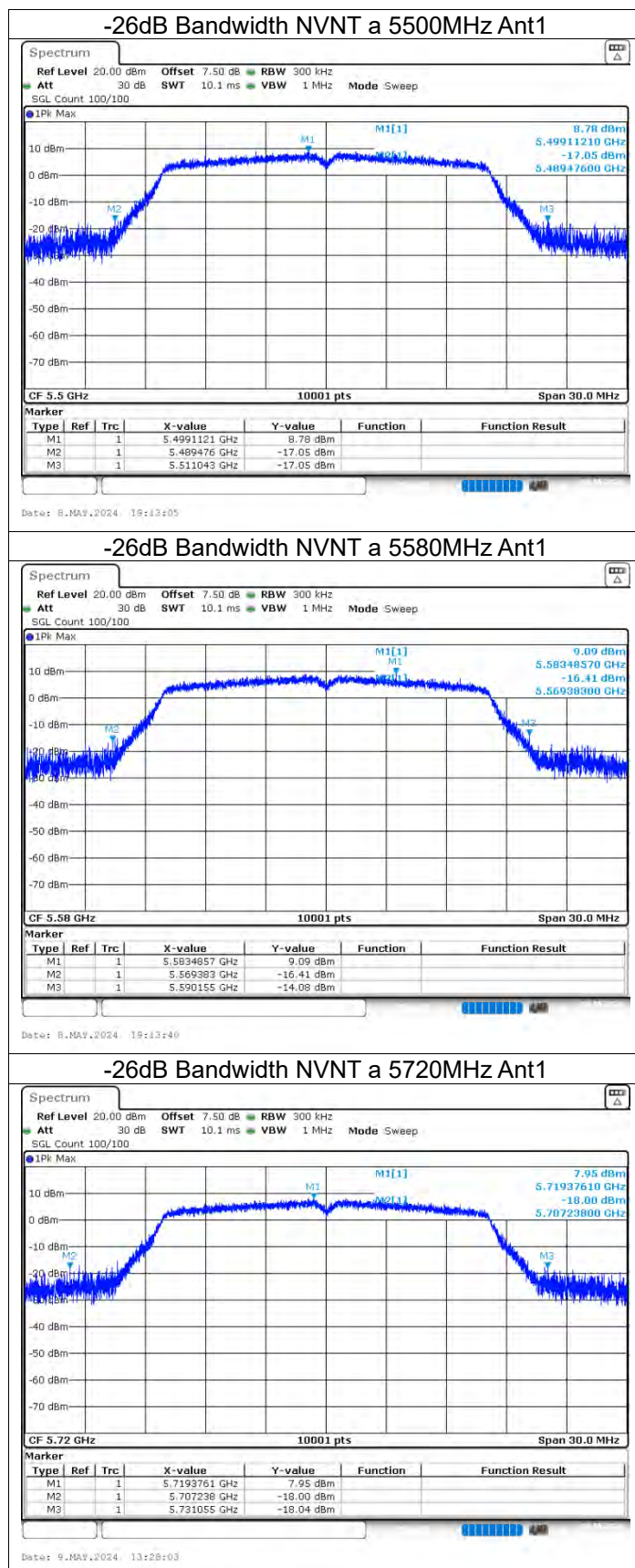
-26dB Bandwidth NVNT a 5240MHz Ant1



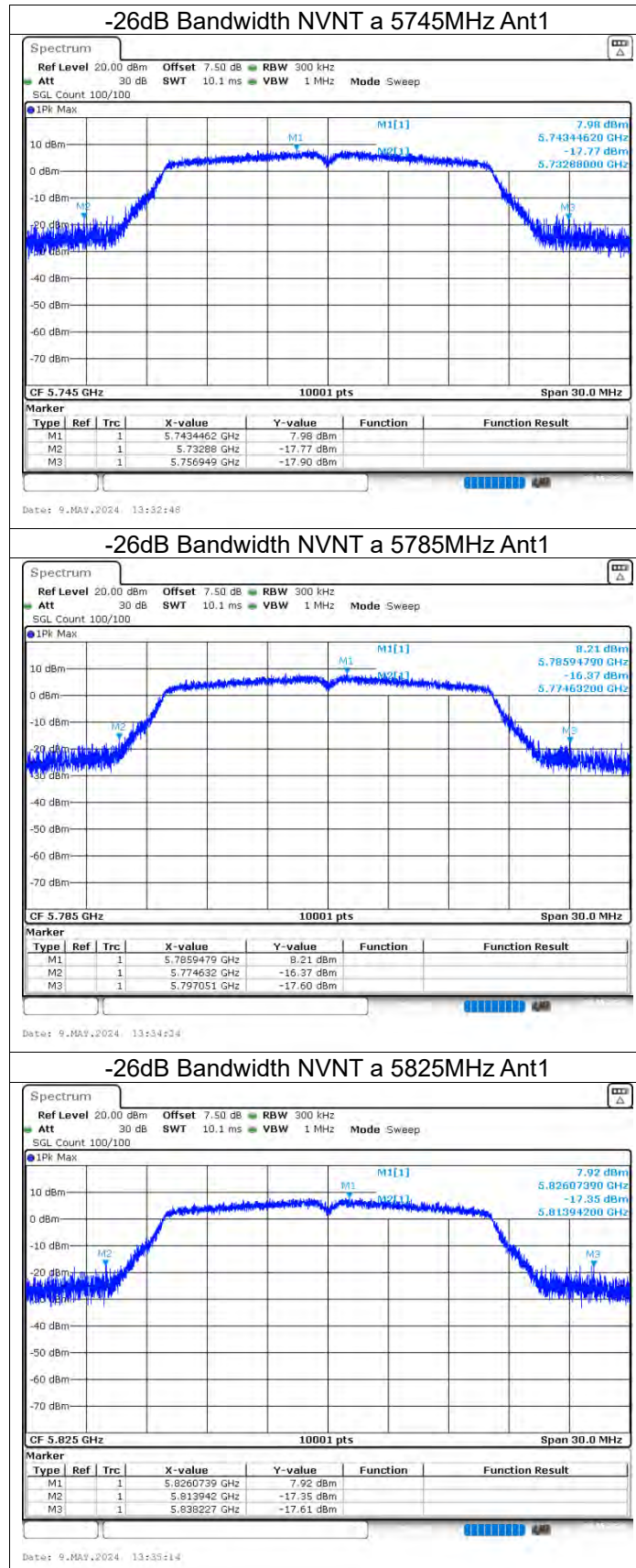
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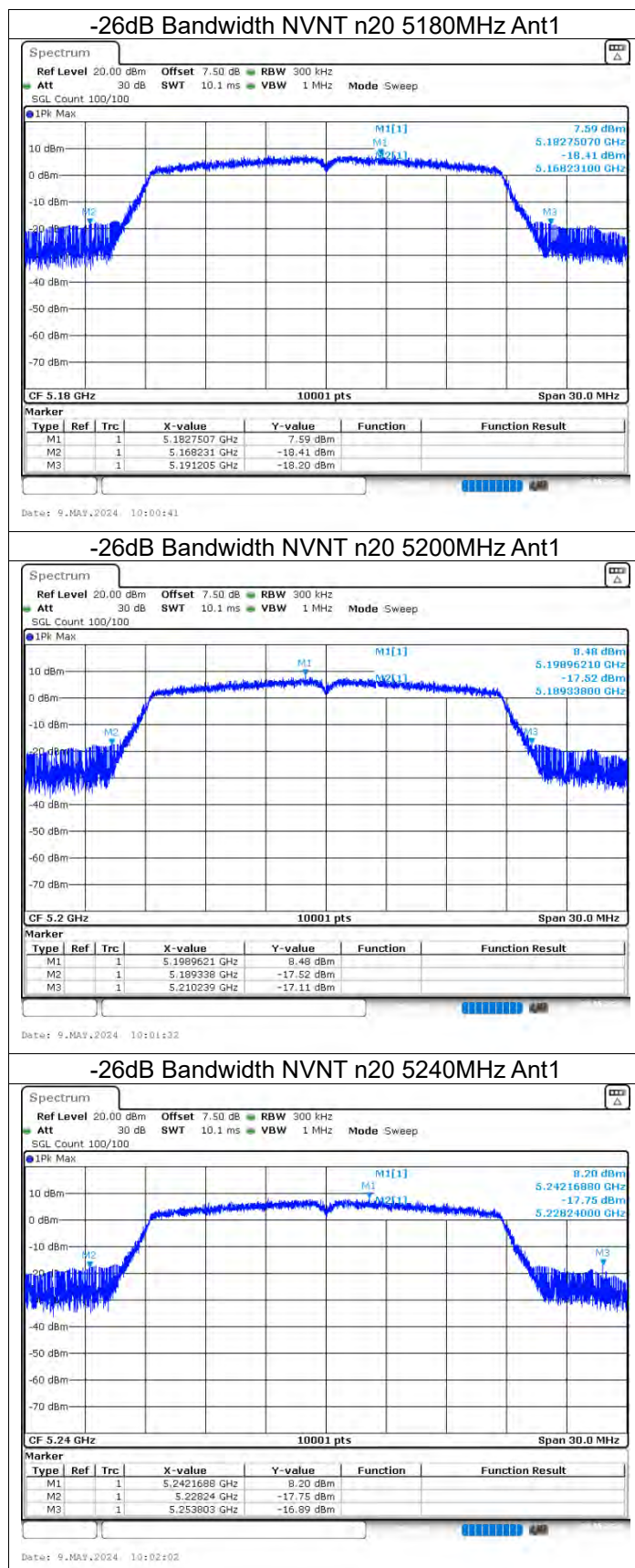


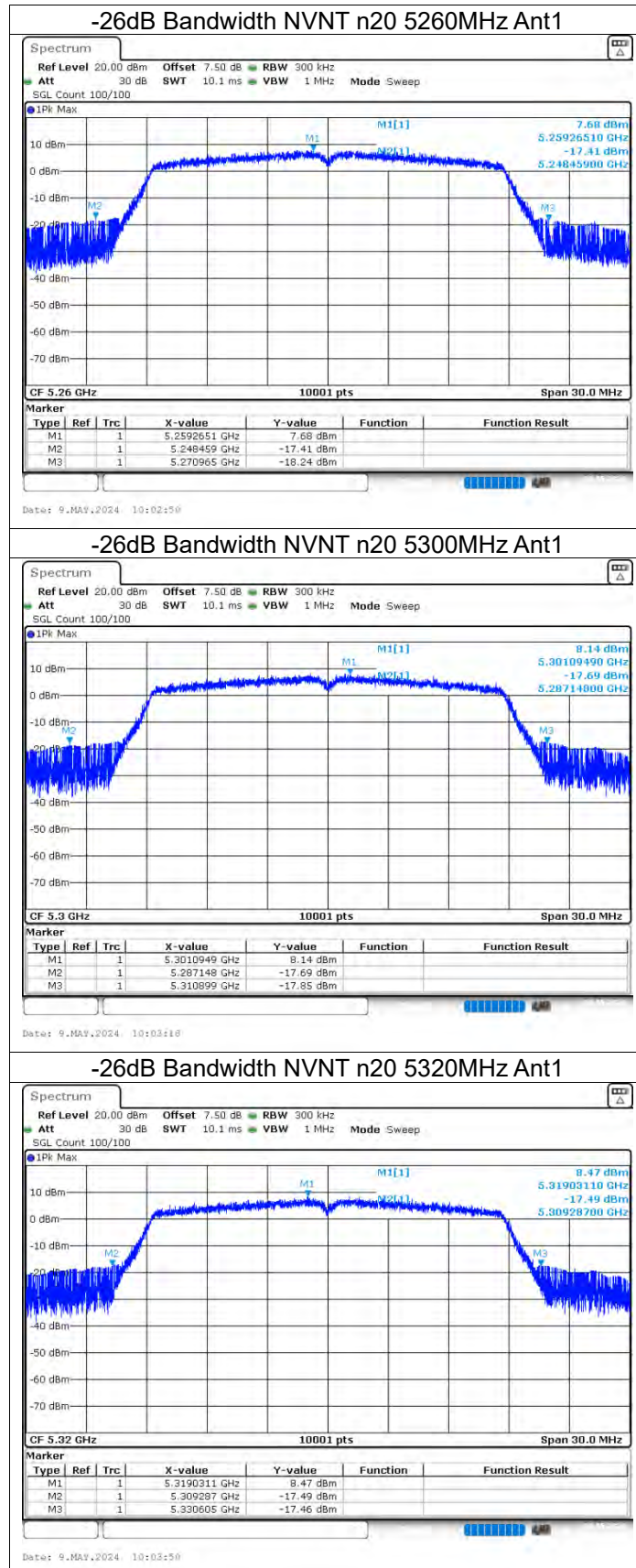


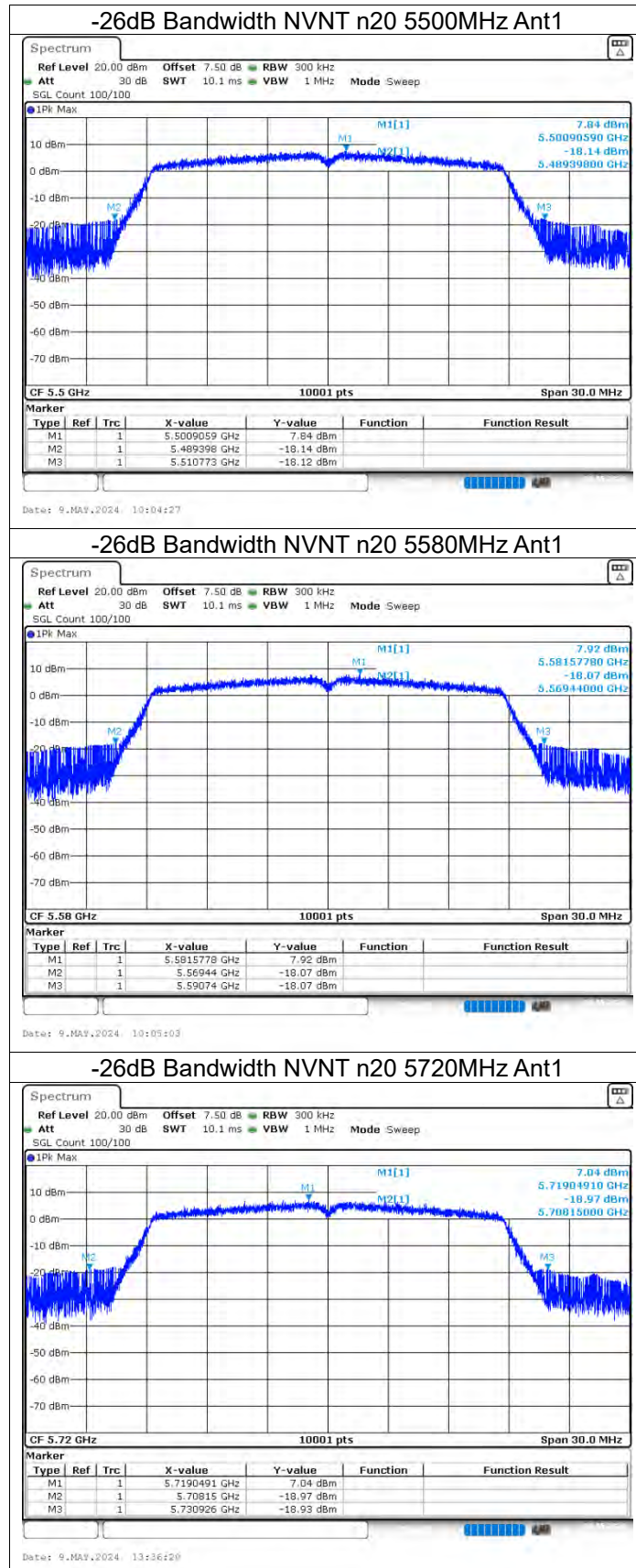


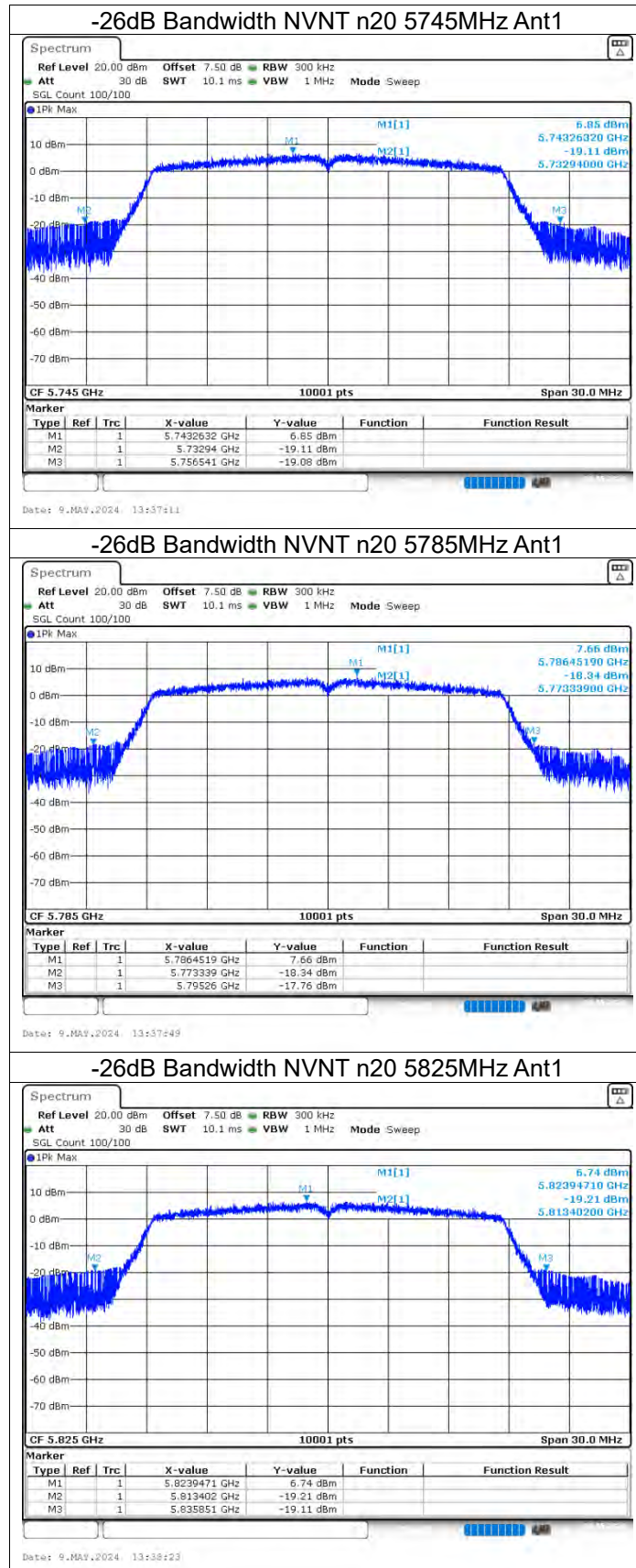
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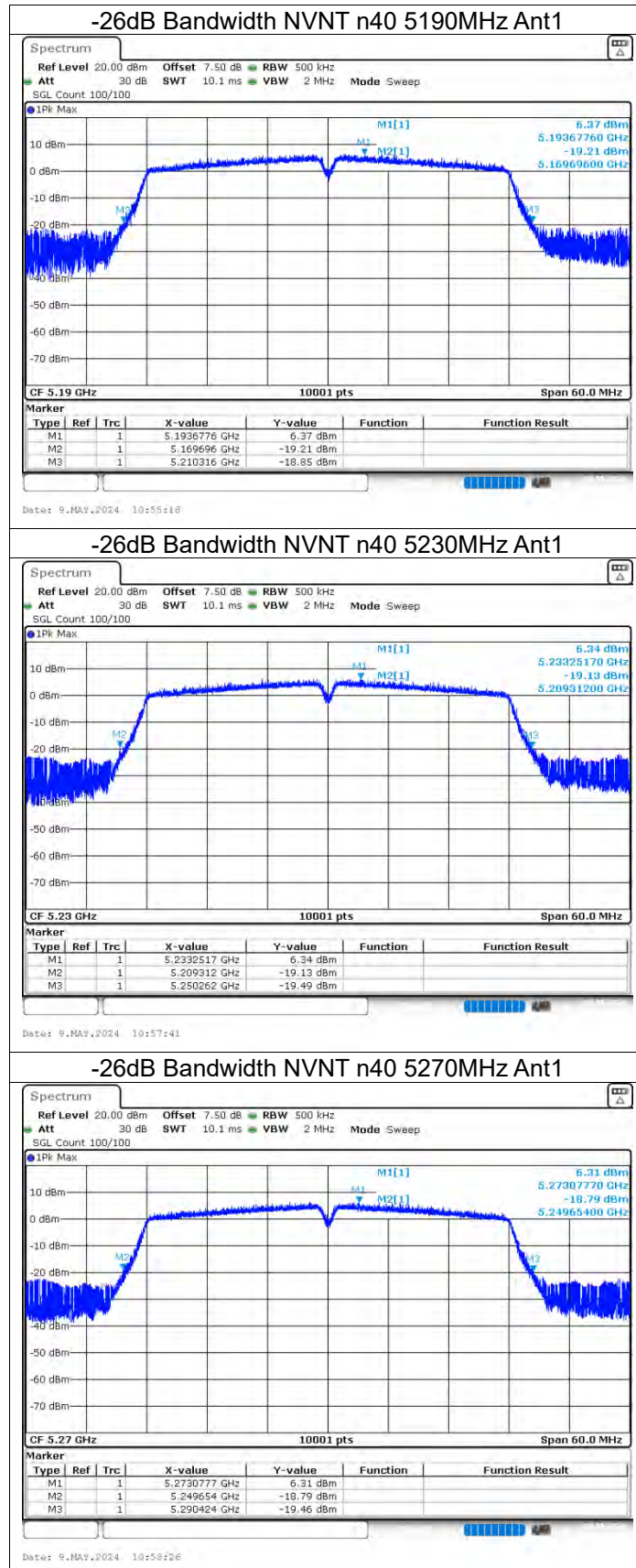


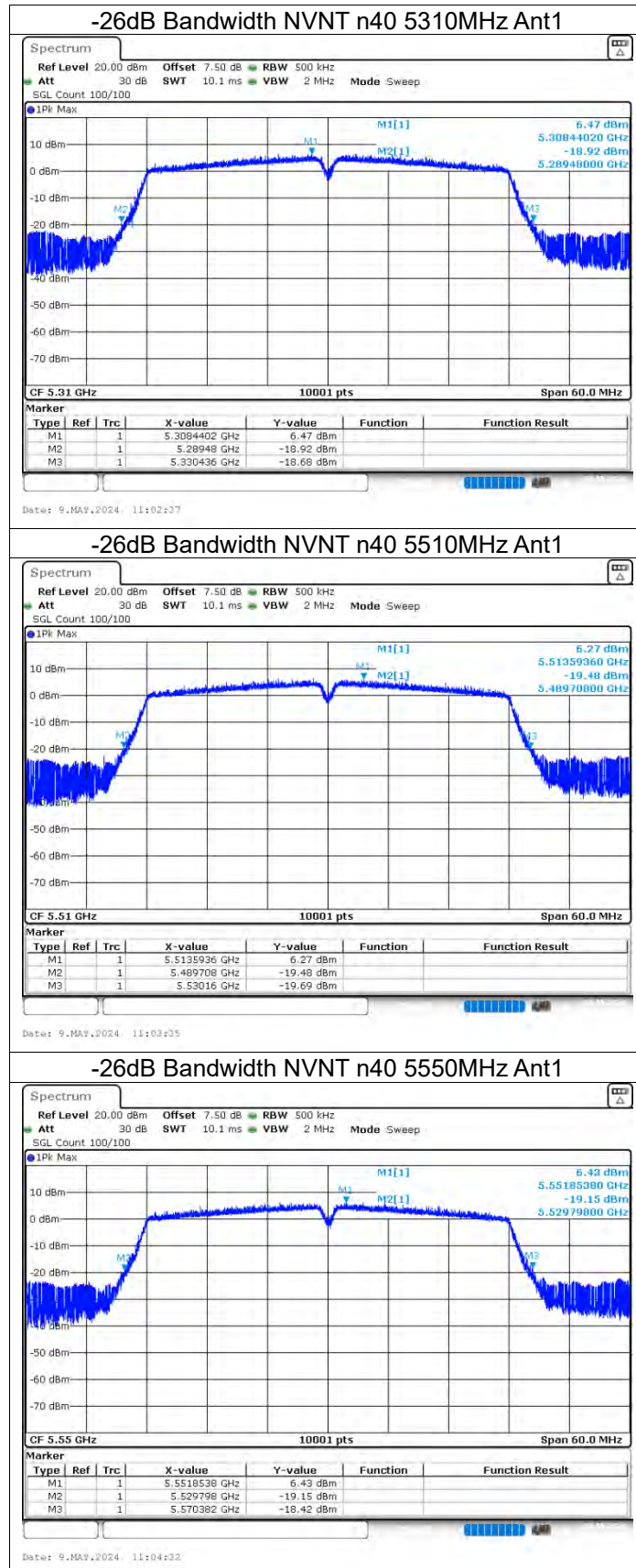


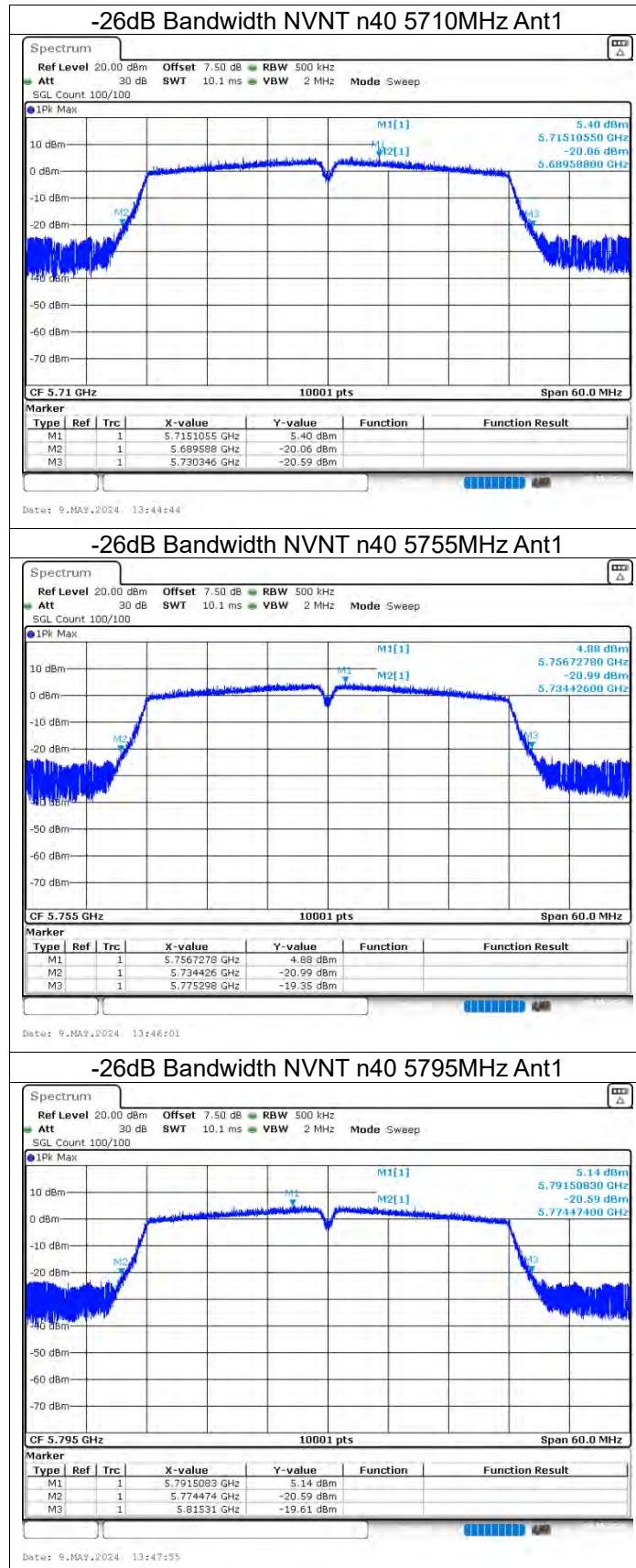


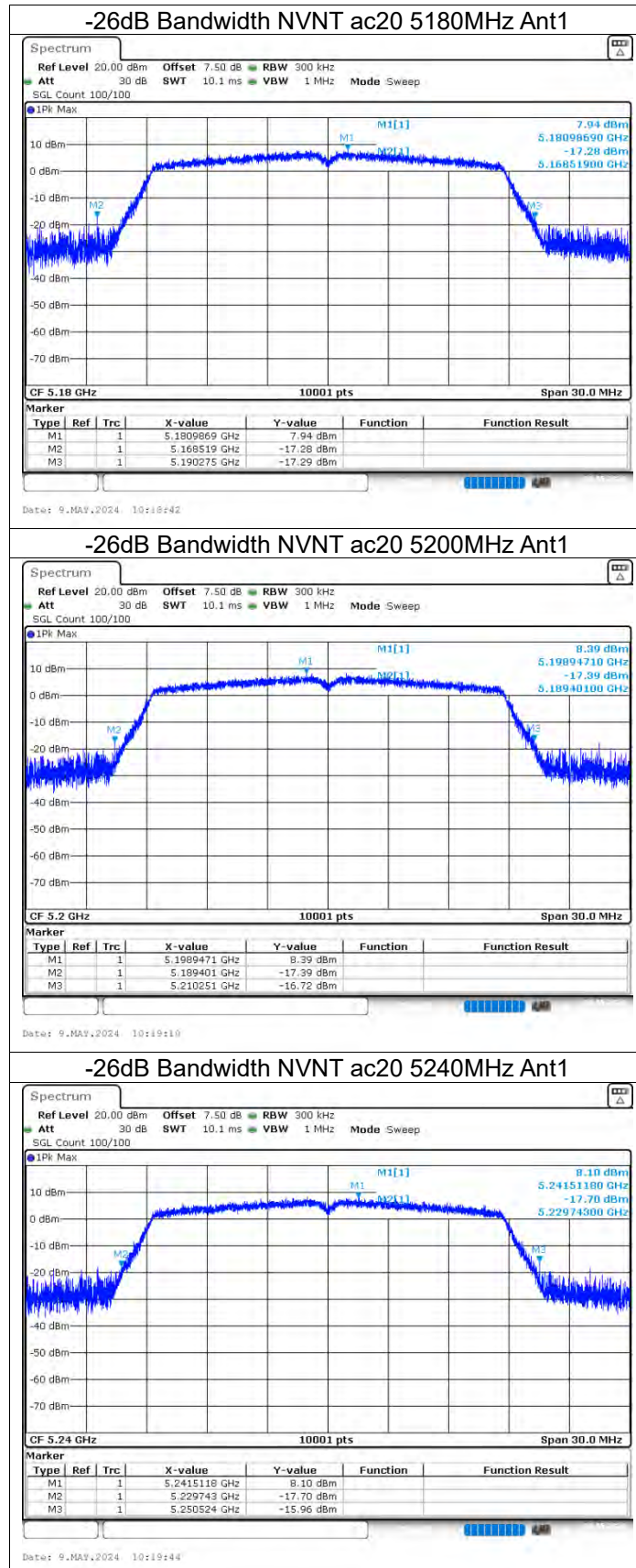


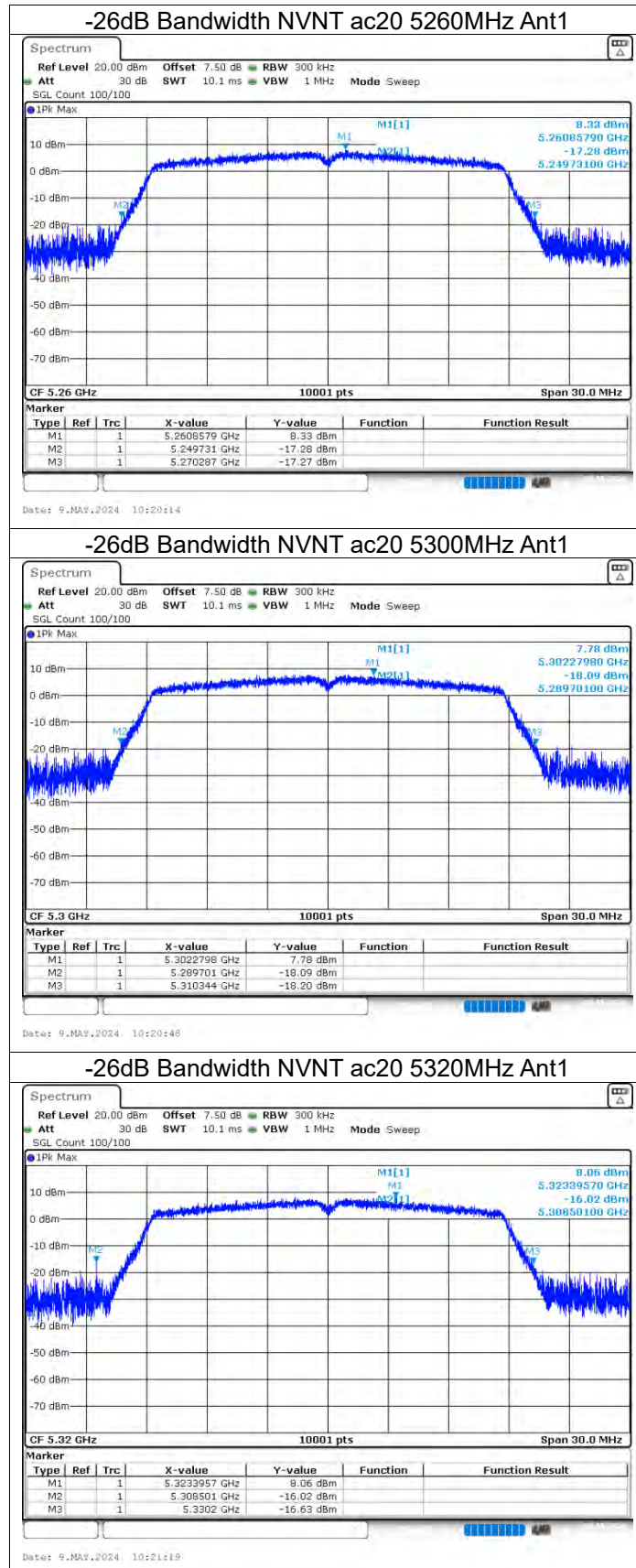


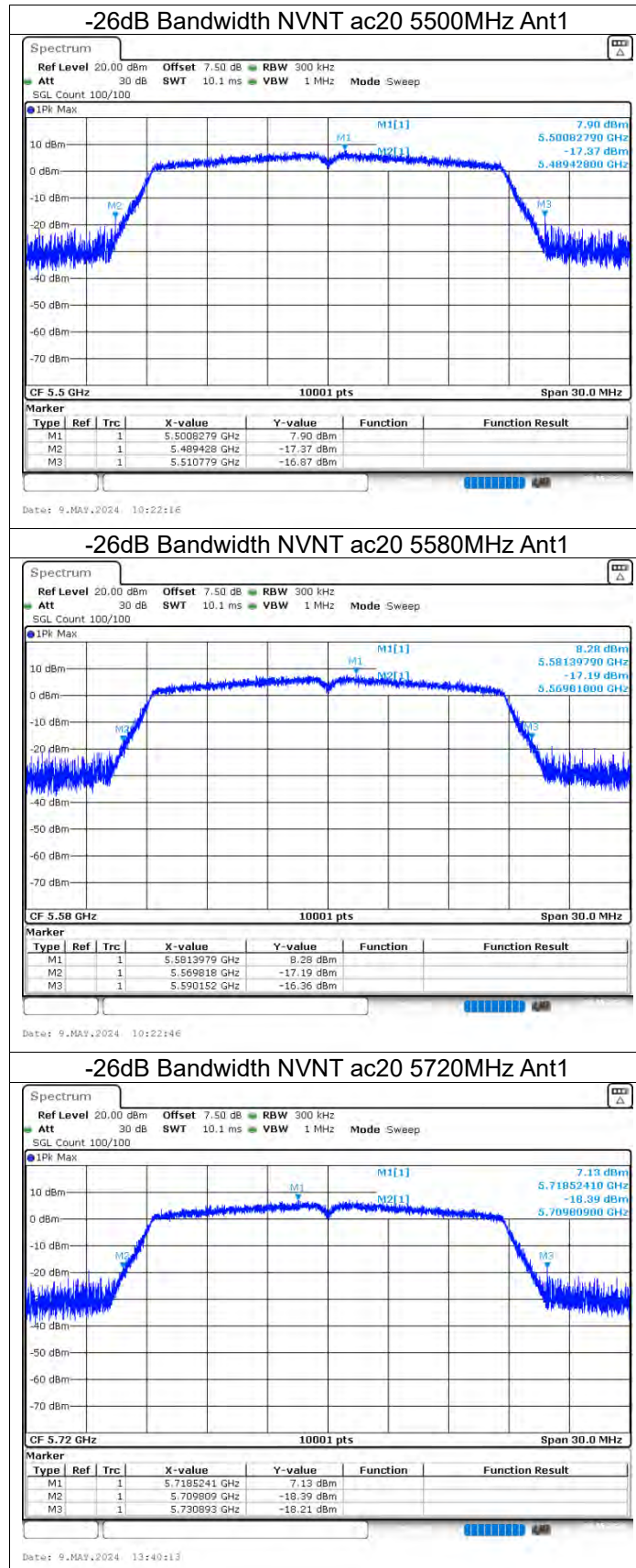


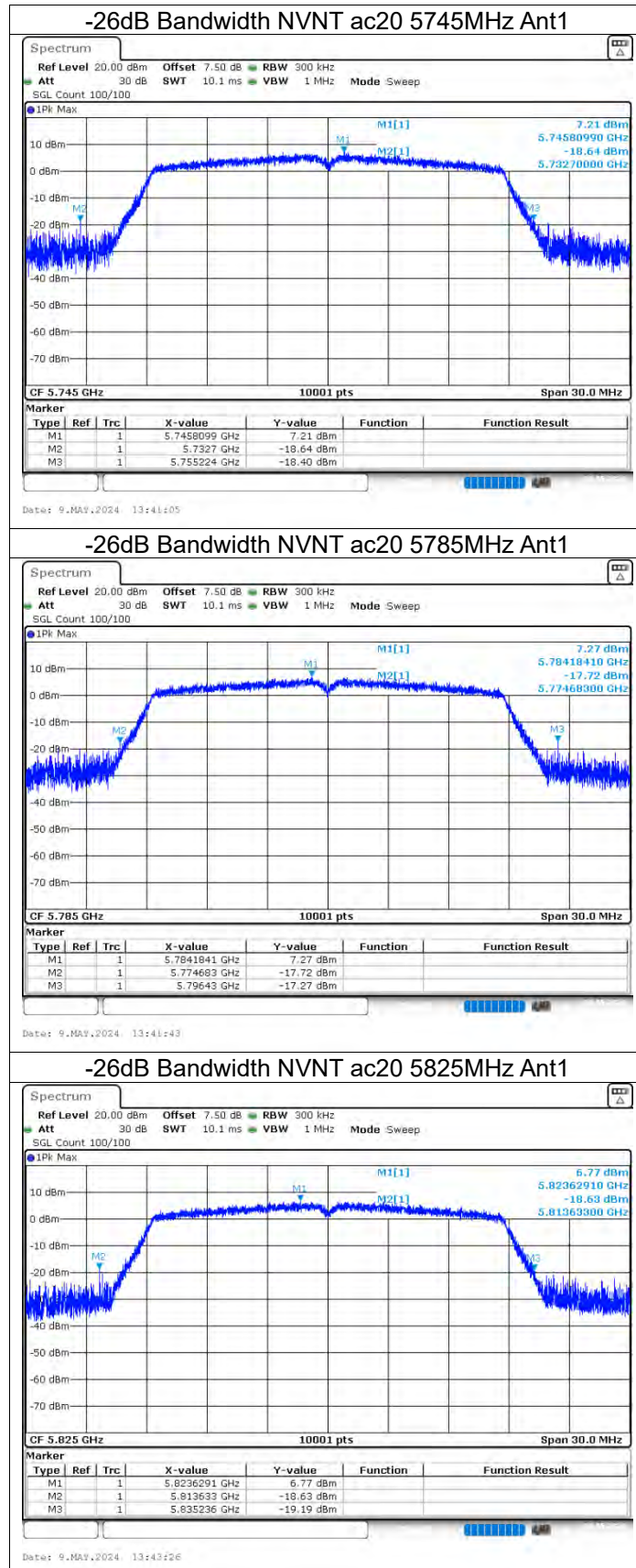


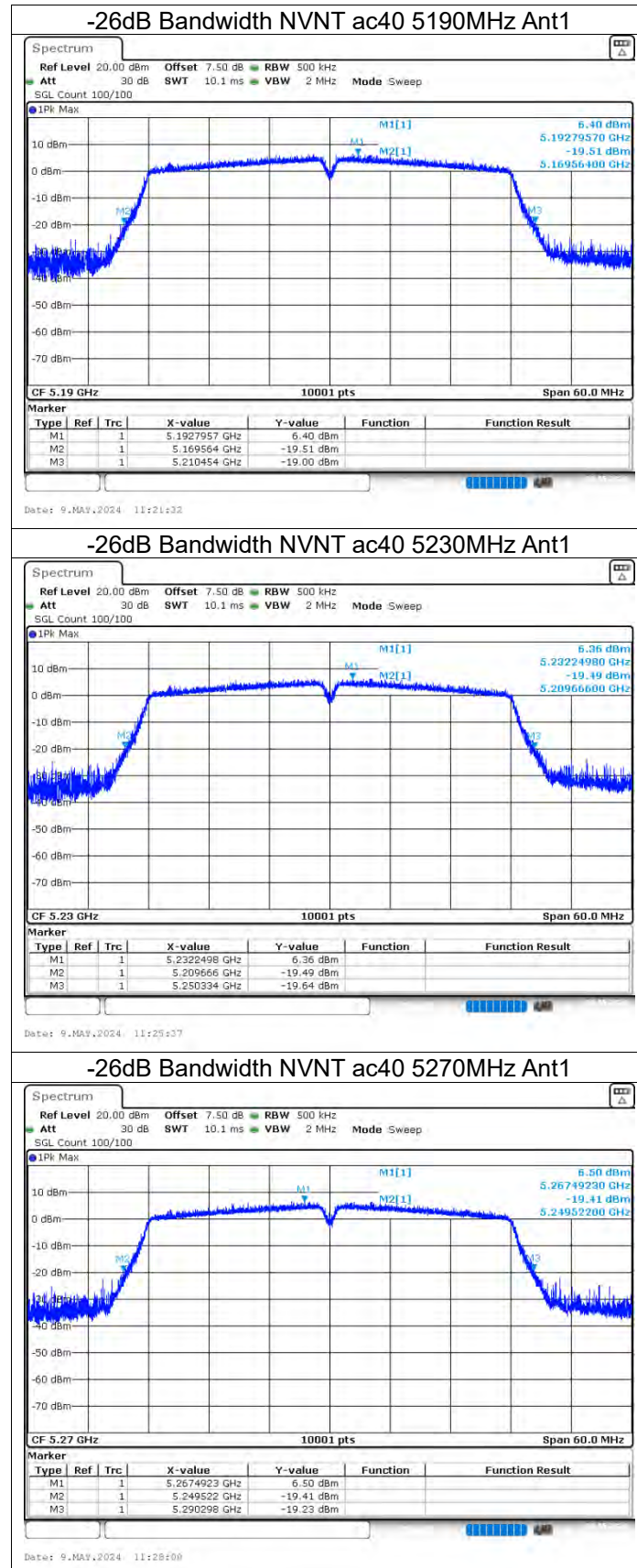


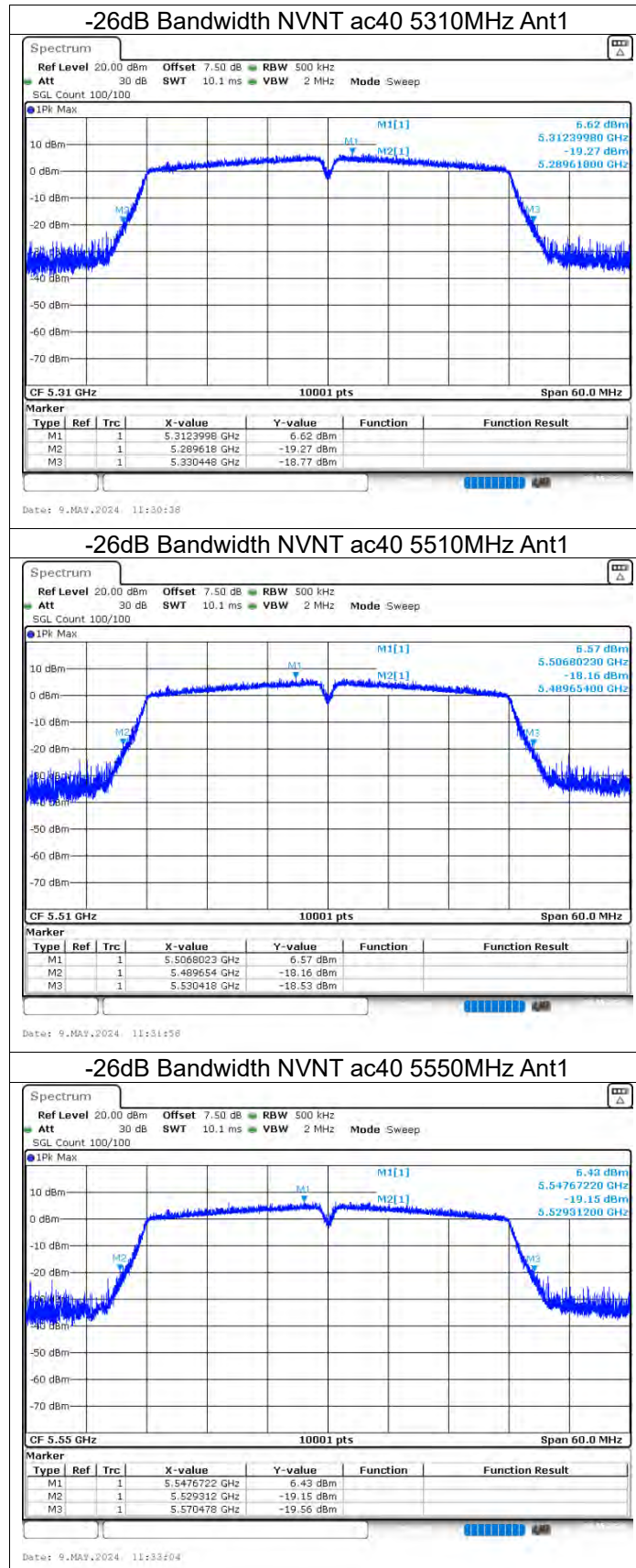


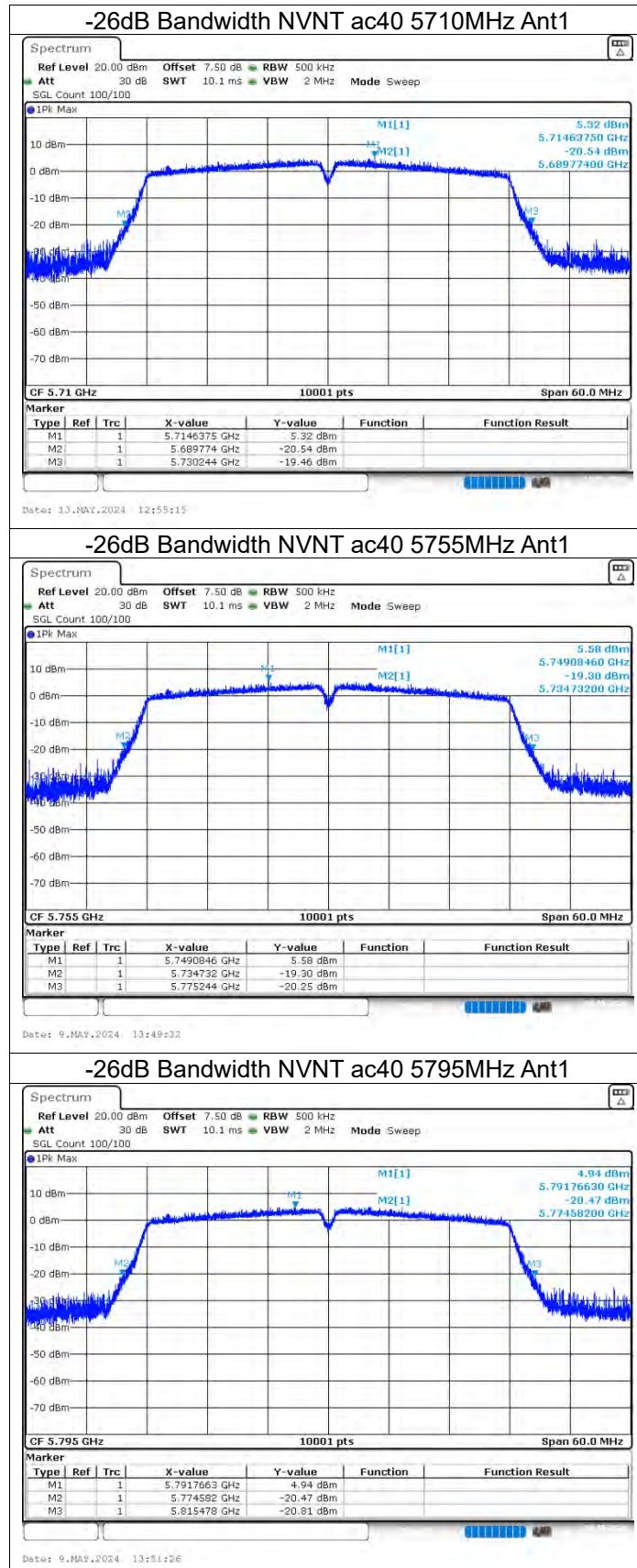


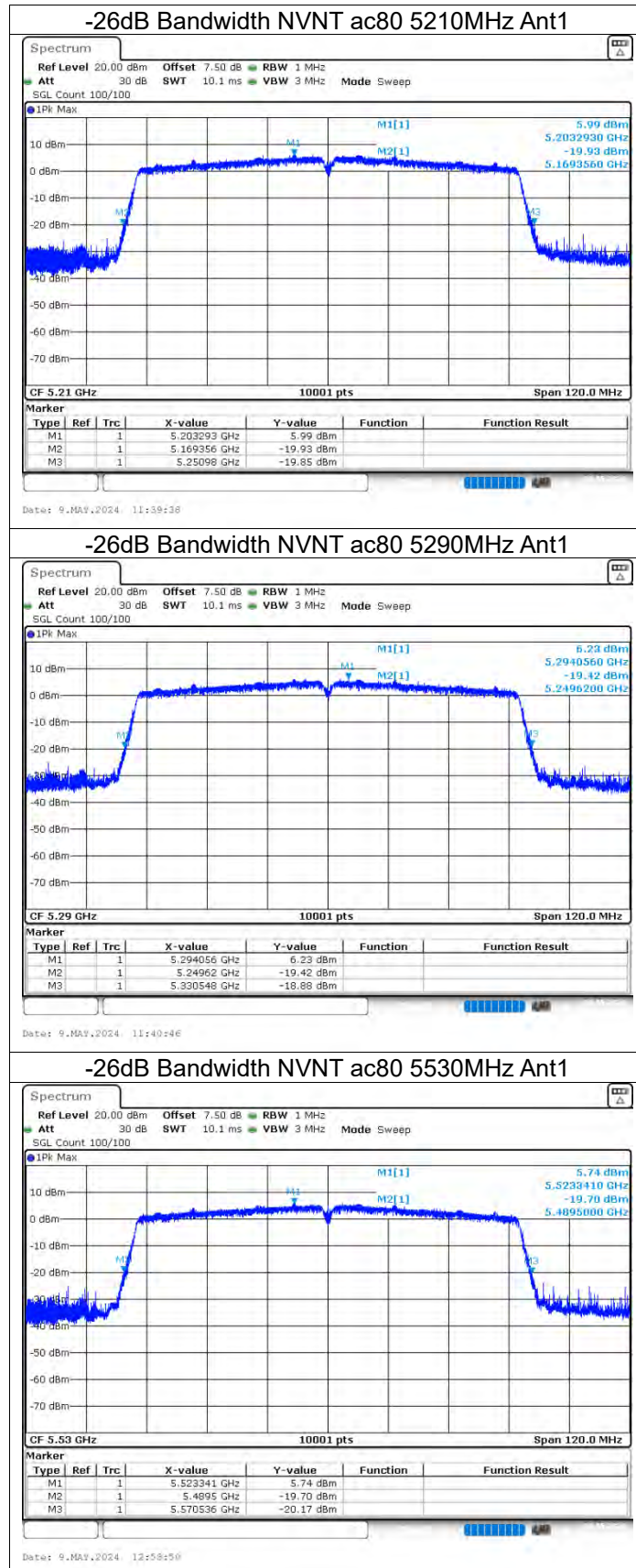




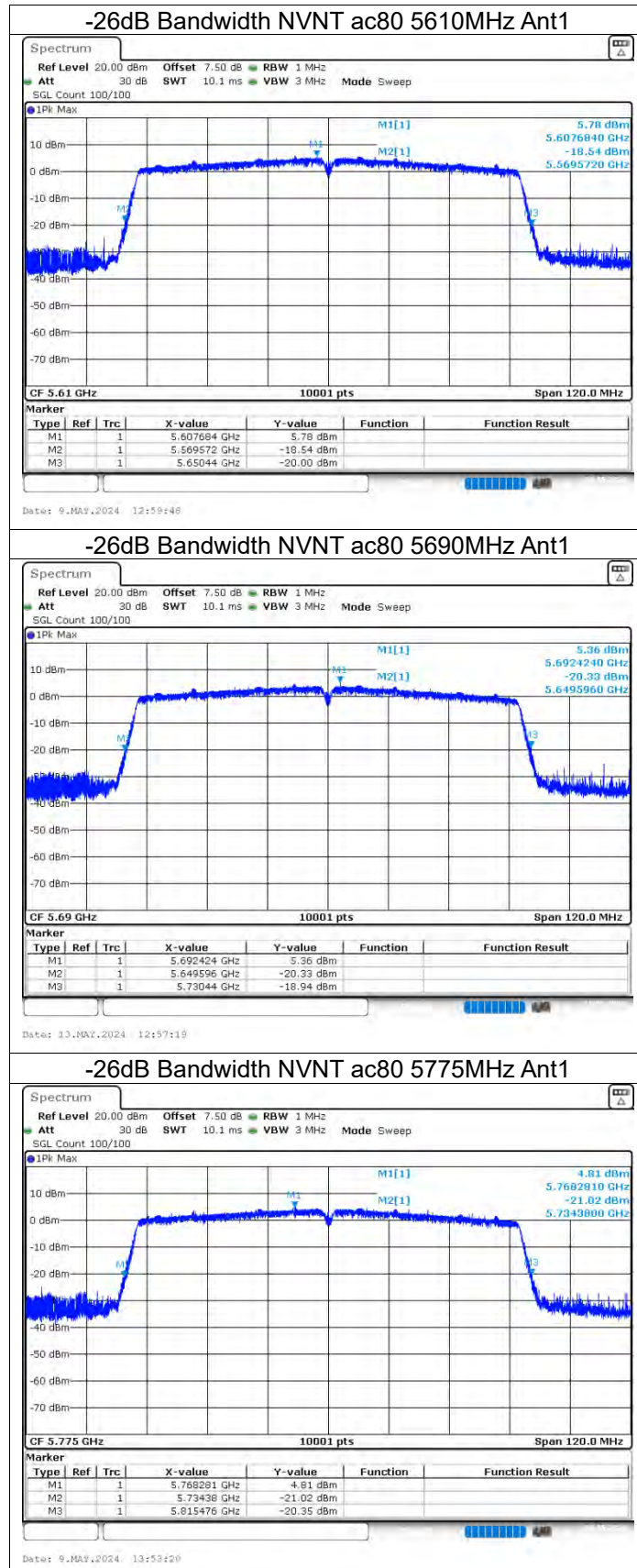








Reference No.: W7L-240507W001RF03



OCCUPIED CHANNEL BANDWIDTH

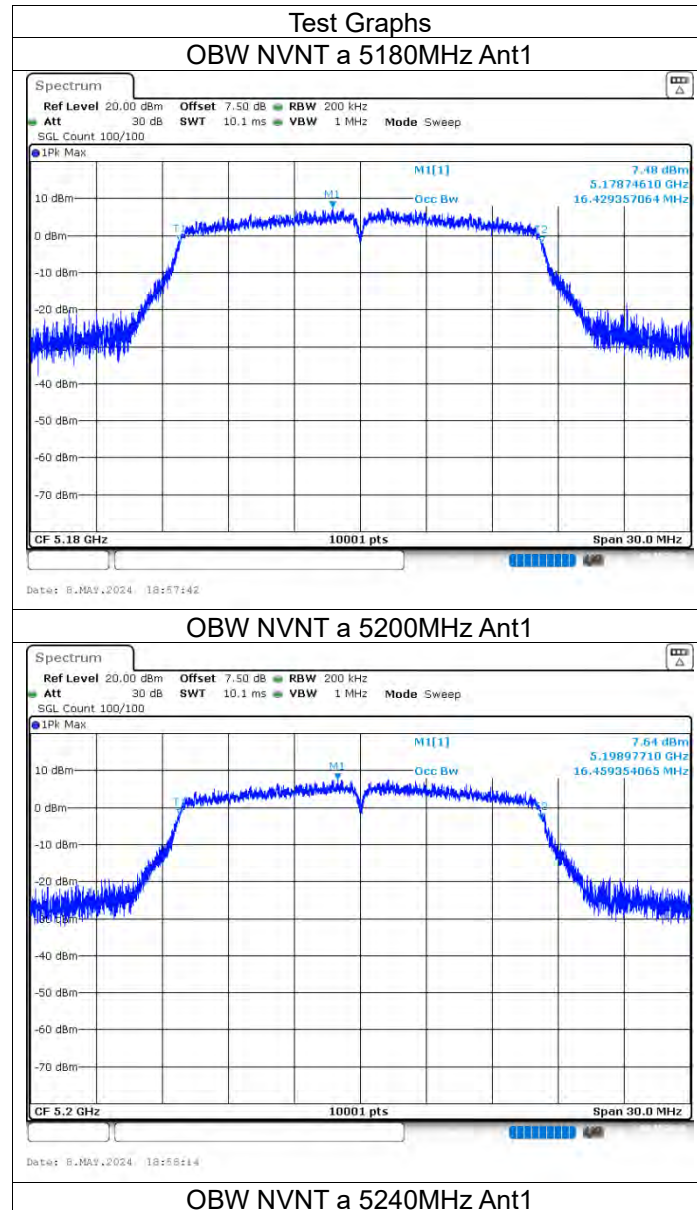
Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Verdict
a	5180	Ant1	16.429	Pass
a	5200	Ant1	16.459	Pass
a	5240	Ant1	16.45	Pass
a	5260	Ant1	16.438	Pass
a	5300	Ant1	16.444	Pass
a	5320	Ant1	16.435	Pass
a	5500	Ant1	16.432	Pass
a	5580	Ant1	16.432	Pass
a	5720	Ant1	16.429	Pass
a	5745	Ant1	16.438	Pass
a	5785	Ant1	16.441	Pass
a	5825	Ant1	16.441	Pass
n20	5180	Ant1	17.563	Pass
n20	5200	Ant1	17.563	Pass
n20	5240	Ant1	17.575	Pass
n20	5260	Ant1	17.566	Pass
n20	5300	Ant1	17.557	Pass
n20	5320	Ant1	17.56	Pass
n20	5500	Ant1	17.557	Pass
n20	5580	Ant1	17.554	Pass
n20	5720	Ant1	17.563	Pass
n20	5745	Ant1	17.563	Pass
n20	5785	Ant1	17.563	Pass
n20	5825	Ant1	17.566	Pass
n40	5190	Ant1	36.026	Pass
n40	5230	Ant1	36.032	Pass
n40	5270	Ant1	36.038	Pass
n40	5310	Ant1	36.02	Pass
n40	5510	Ant1	36.026	Pass
n40	5550	Ant1	36.014	Pass
n40	5710	Ant1	36.044	Pass
n40	5755	Ant1	36.056	Pass
n40	5795	Ant1	36.044	Pass
ac20	5180	Ant1	17.548	Pass
ac20	5200	Ant1	17.548	Pass
ac20	5240	Ant1	17.548	Pass
ac20	5260	Ant1	17.548	Pass
ac20	5300	Ant1	17.545	Pass
ac20	5320	Ant1	17.551	Pass
ac20	5500	Ant1	17.548	Pass
ac20	5580	Ant1	17.548	Pass
ac20	5720	Ant1	17.551	Pass
ac20	5745	Ant1	17.563	Pass
ac20	5785	Ant1	17.56	Pass
ac20	5825	Ant1	17.536	Pass
ac40	5190	Ant1	36.002	Pass
ac40	5230	Ant1	36.038	Pass
ac40	5270	Ant1	36.002	Pass
ac40	5310	Ant1	36.02	Pass



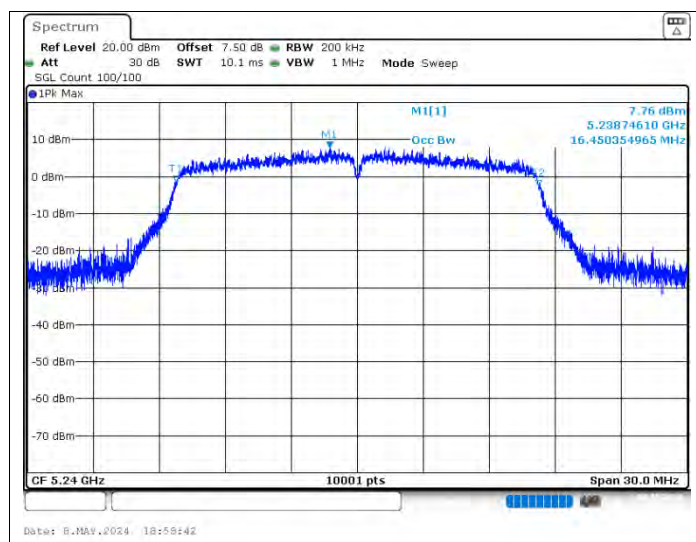
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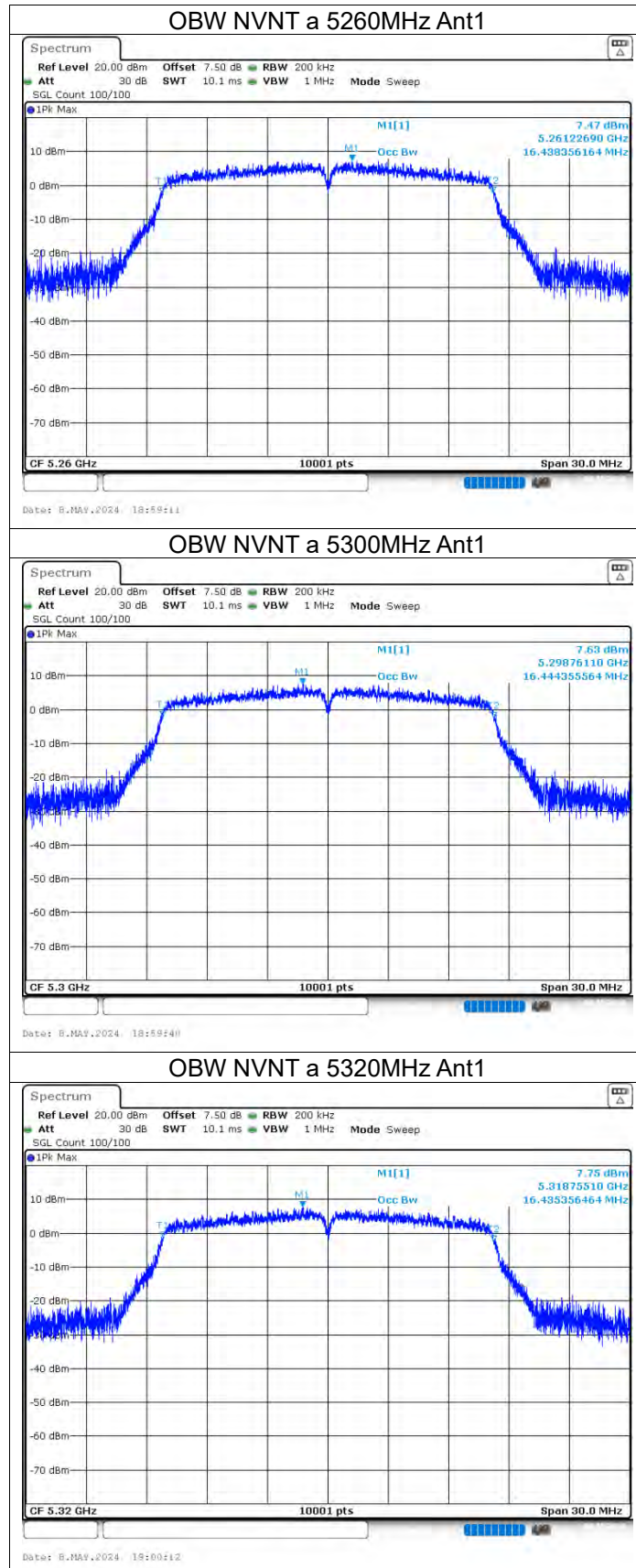
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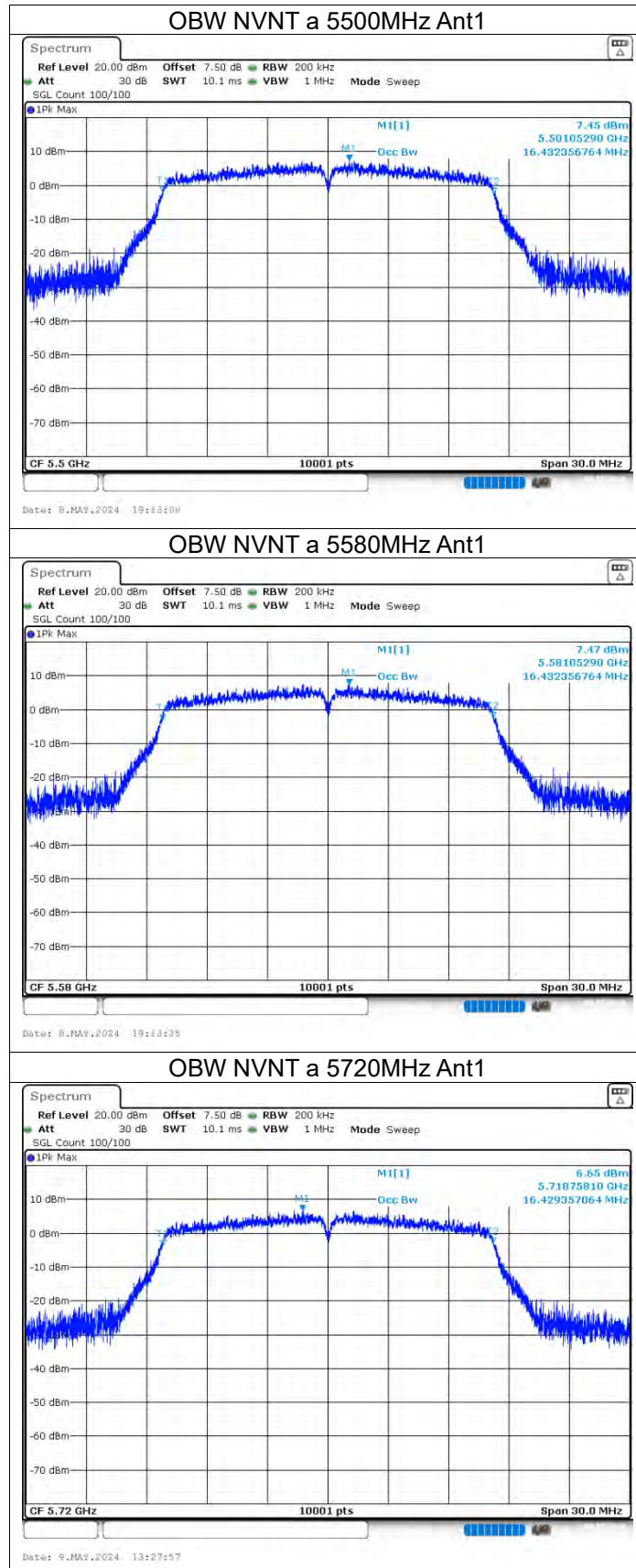
ac40	5510	Ant1	35.996	Pass
ac40	5550	Ant1	35.99	Pass
ac40	5710	Ant1	36.026	Pass
ac40	5755	Ant1	36.032	Pass
ac40	5795	Ant1	36.02	Pass
ac80	5210	Ant1	75.16	Pass
ac80	5290	Ant1	75.172	Pass
ac80	5530	Ant1	75.124	Pass
ac80	5610	Ant1	75.16	Pass
ac80	5690	Ant1	75.124	Pass
ac80	5775	Ant1	75.172	Pass



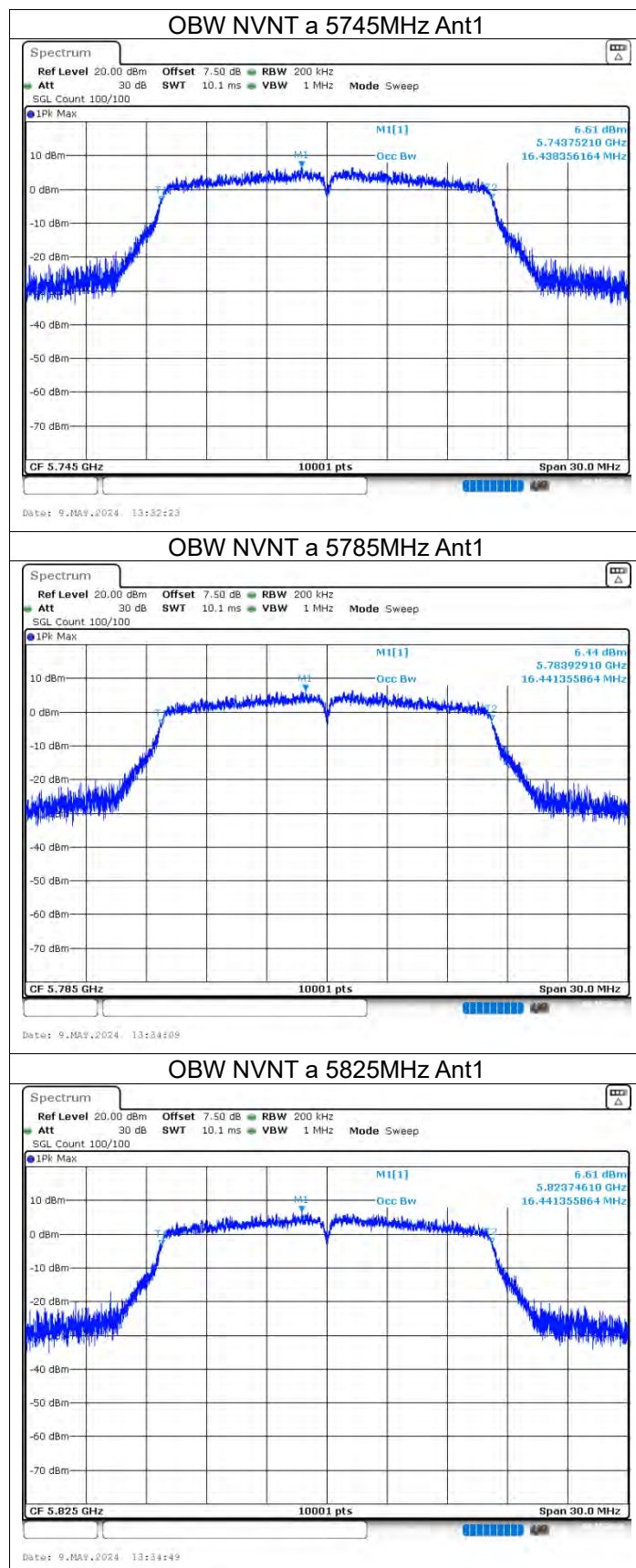
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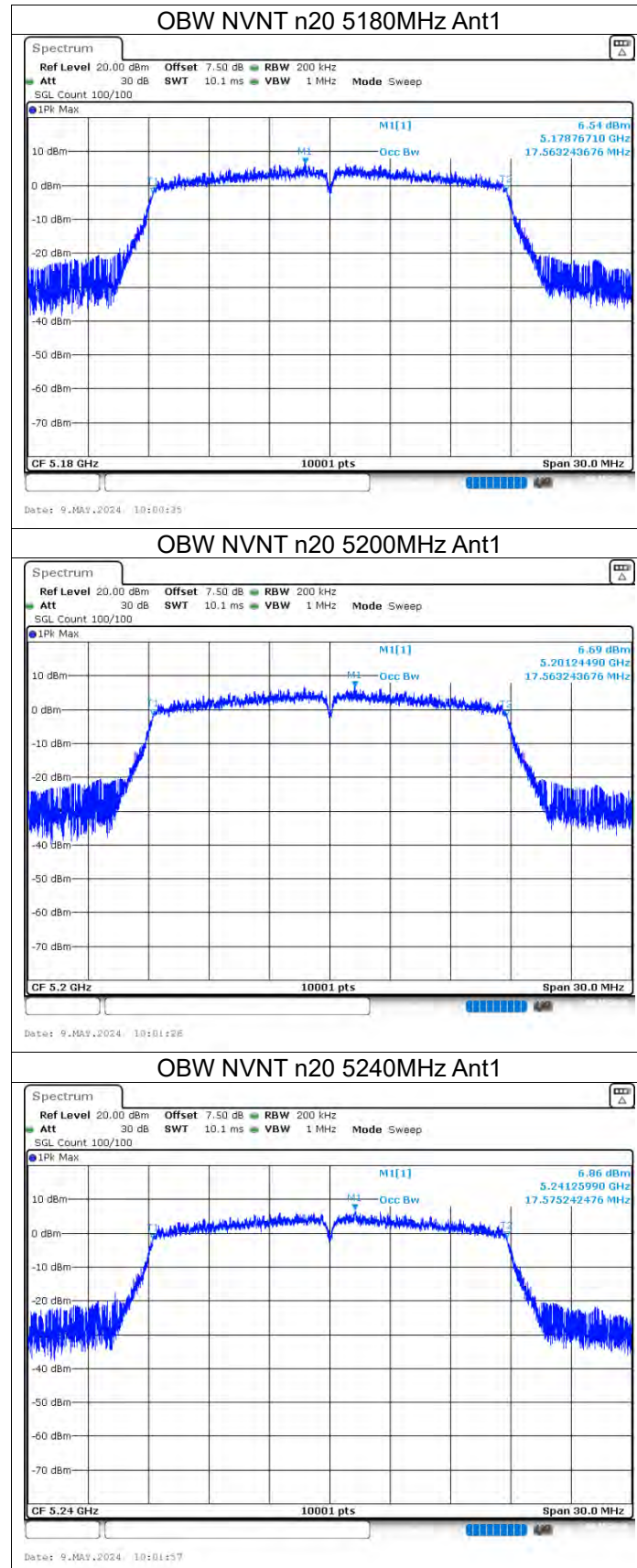


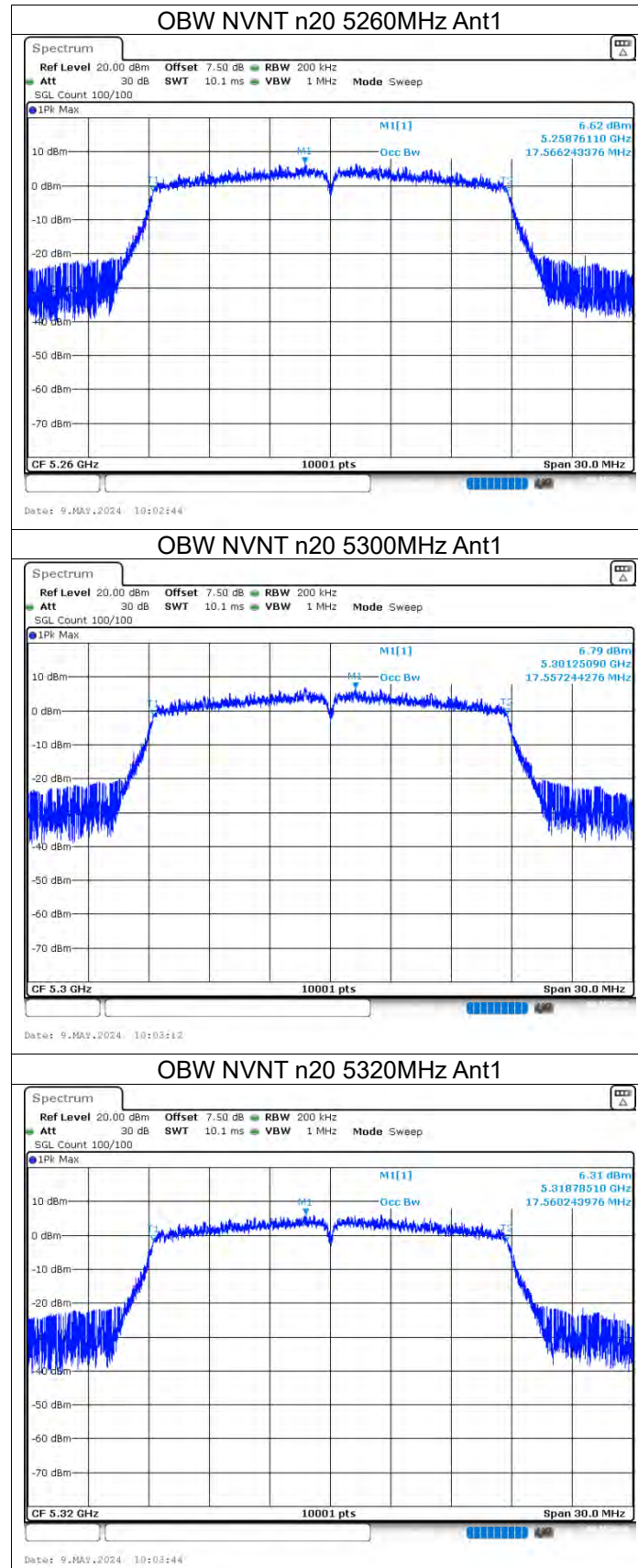


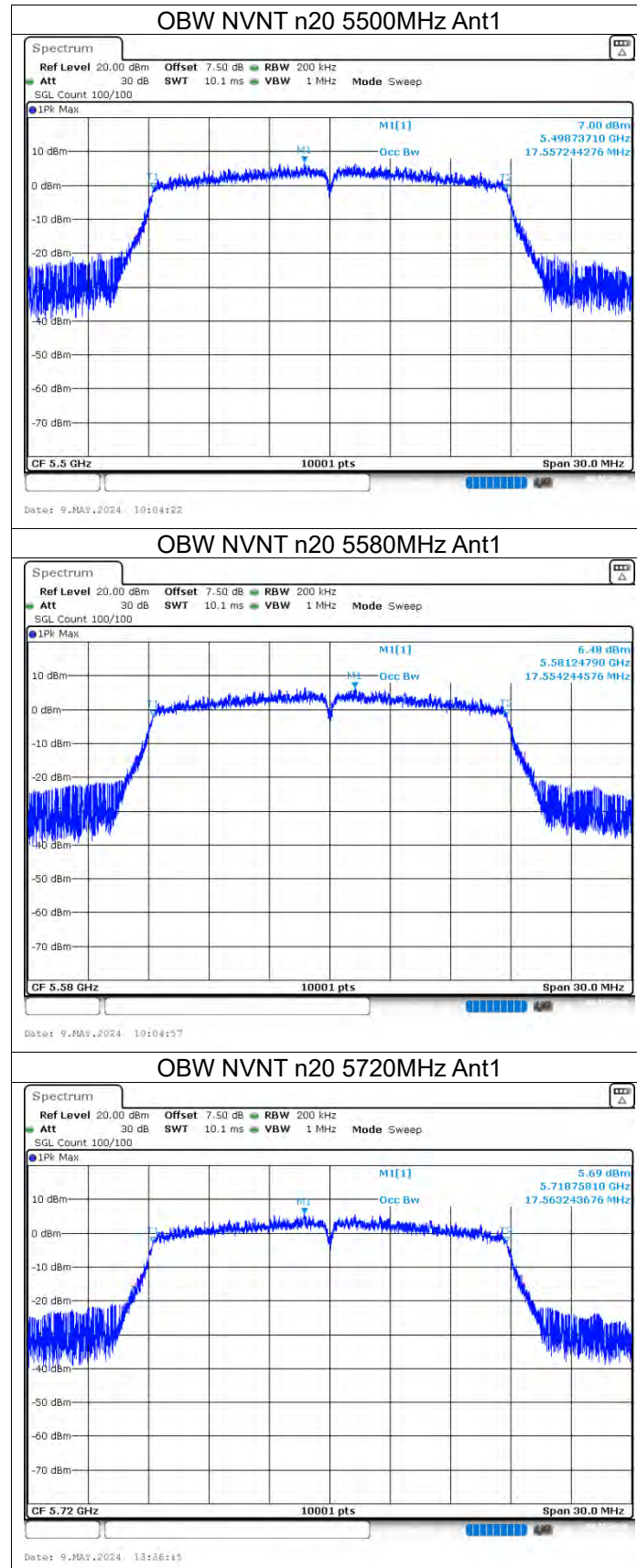


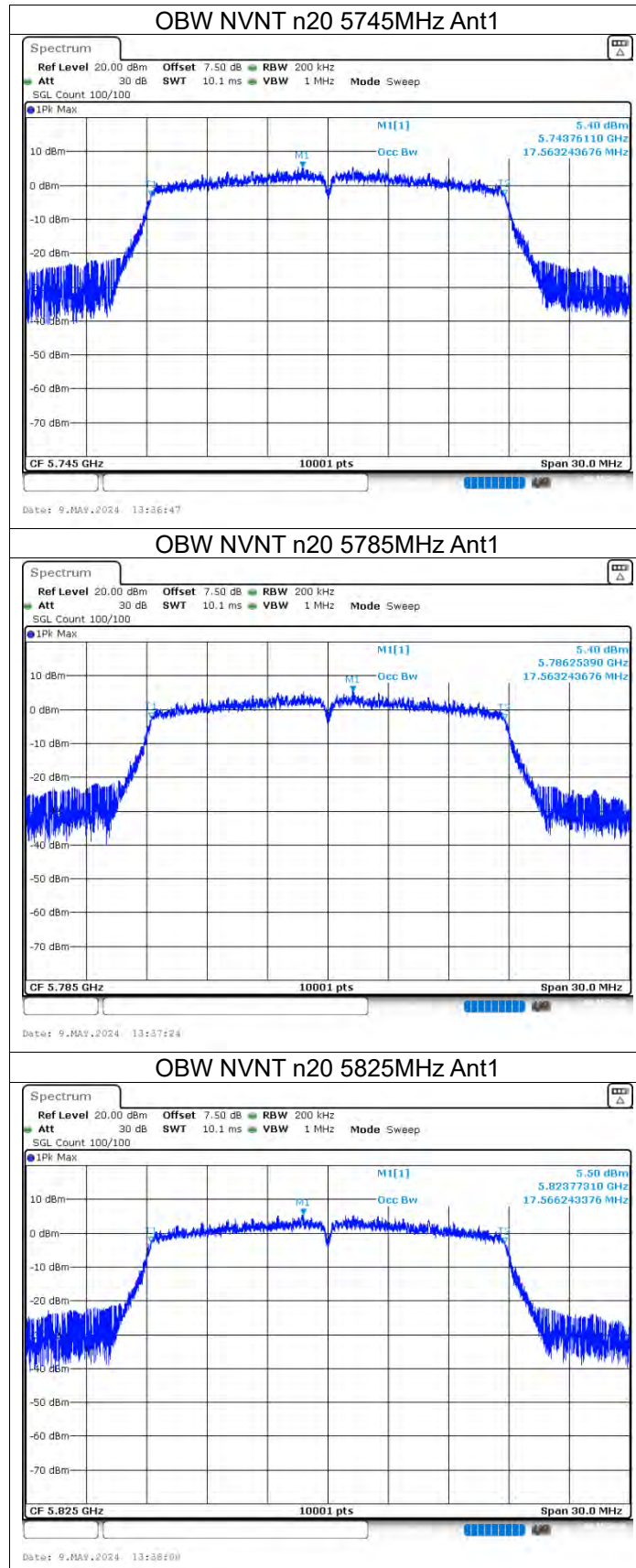
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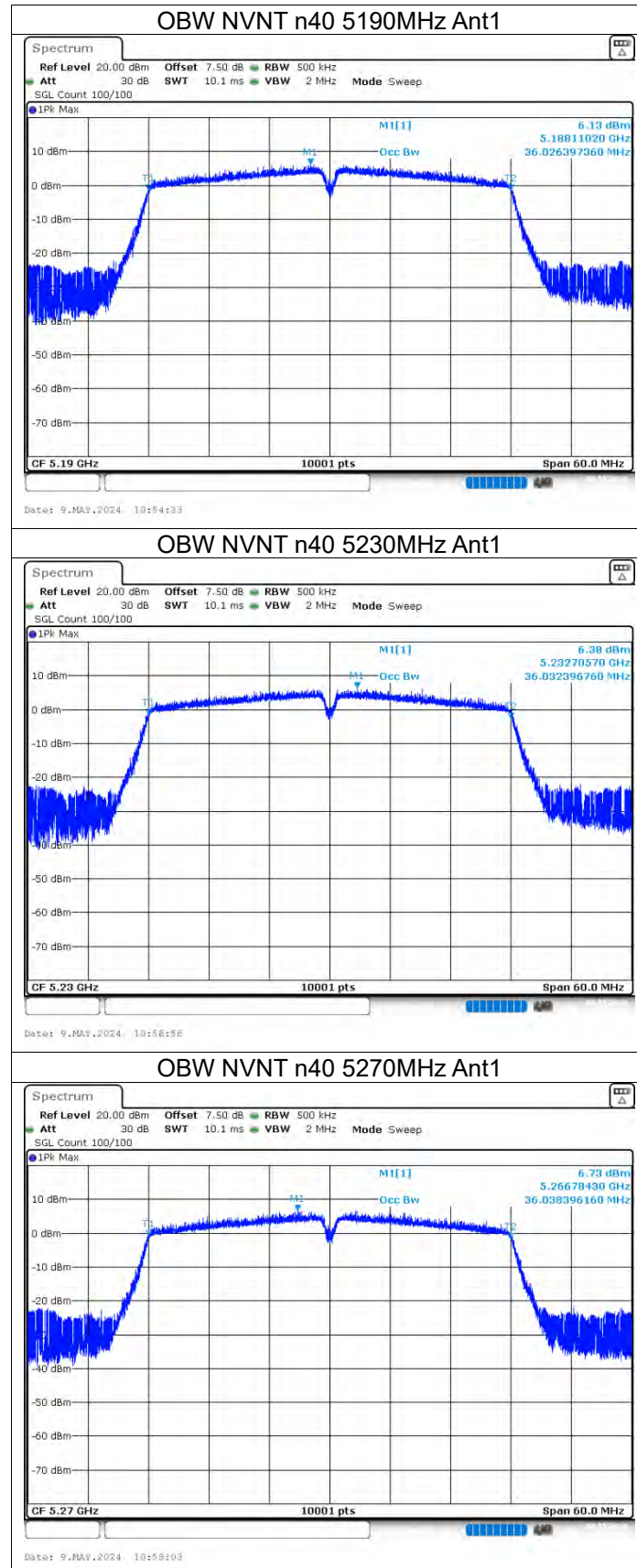


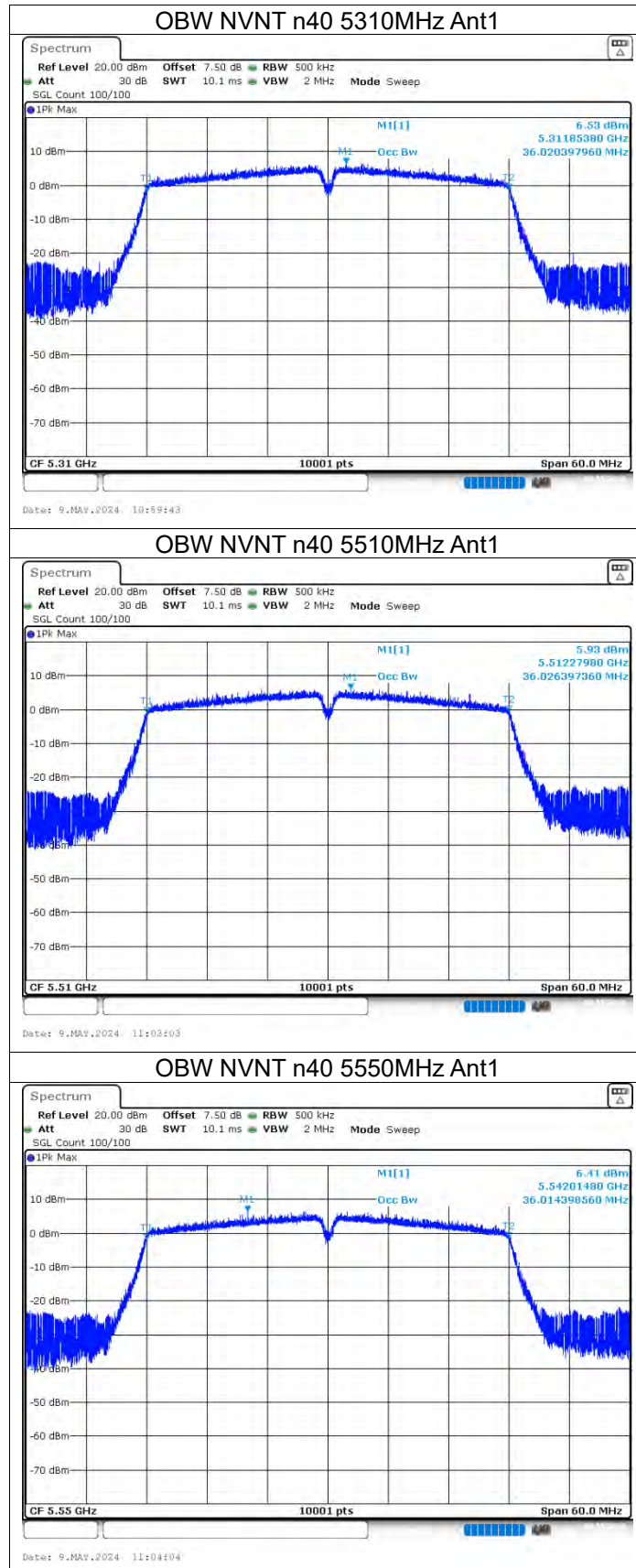


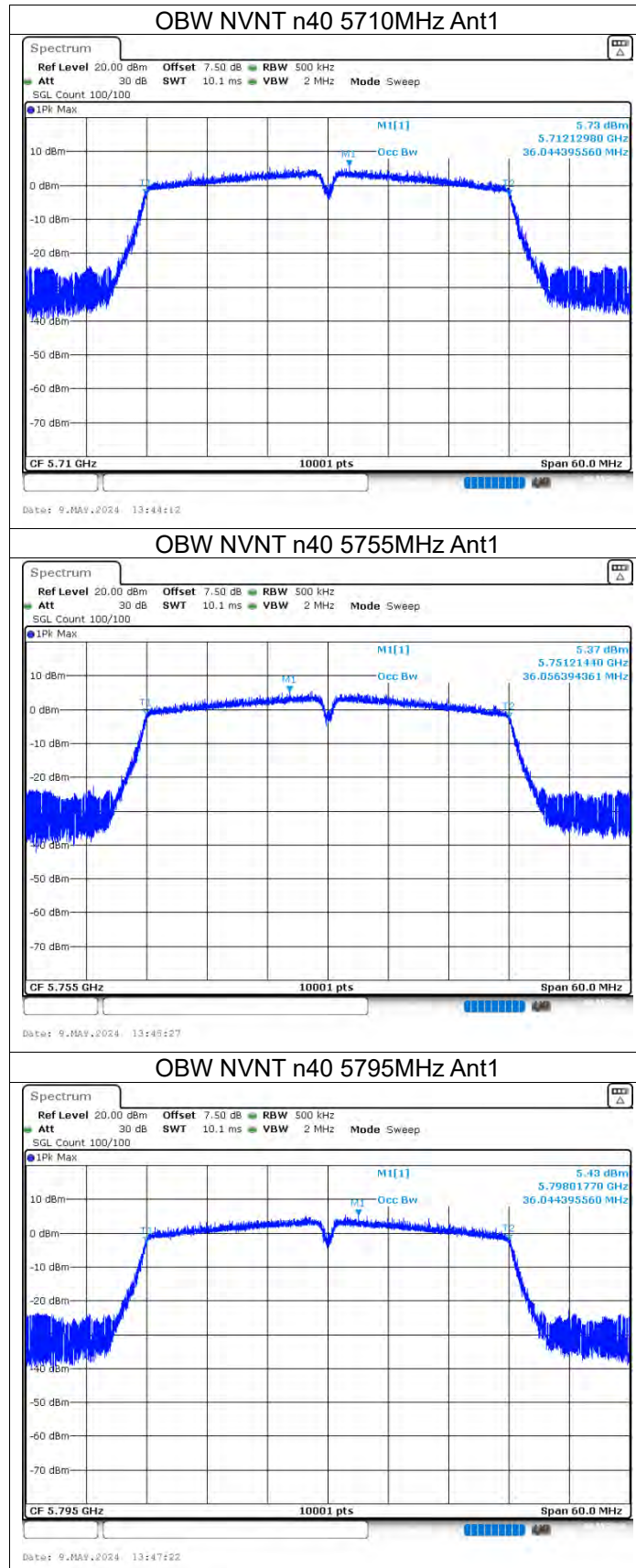


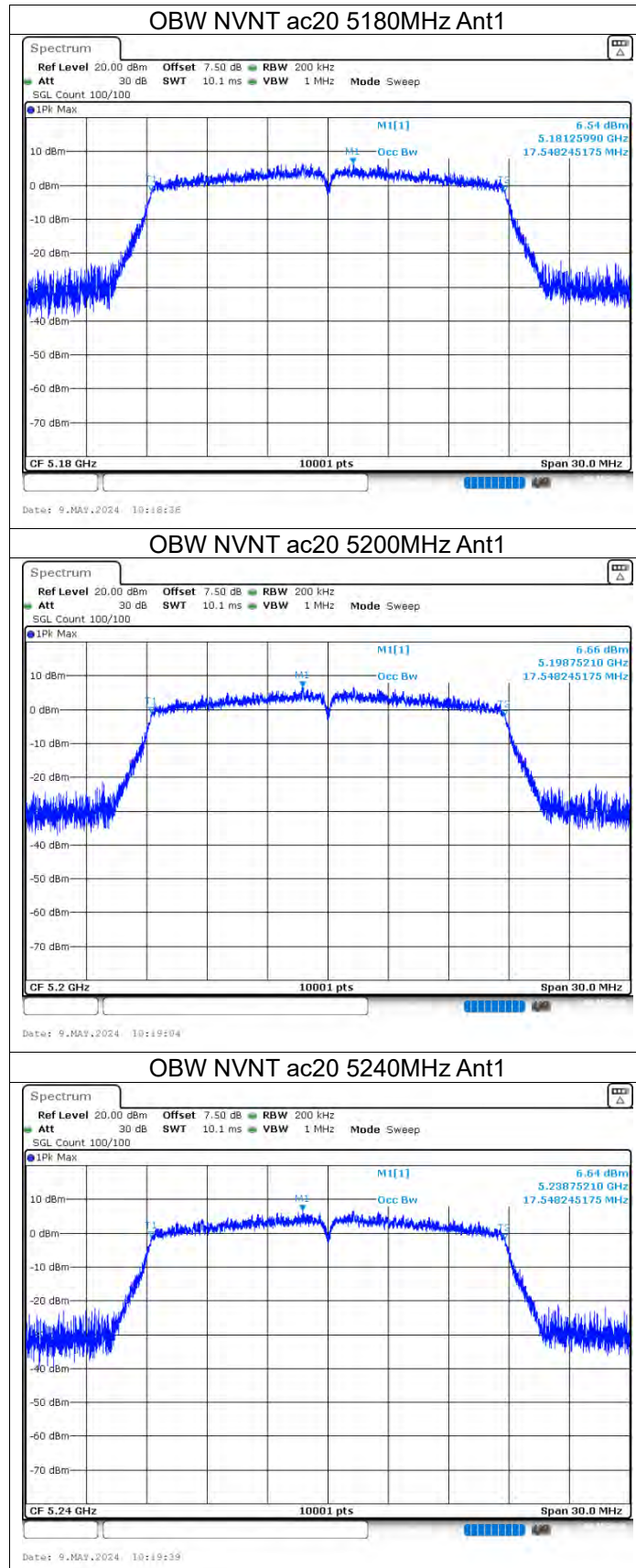


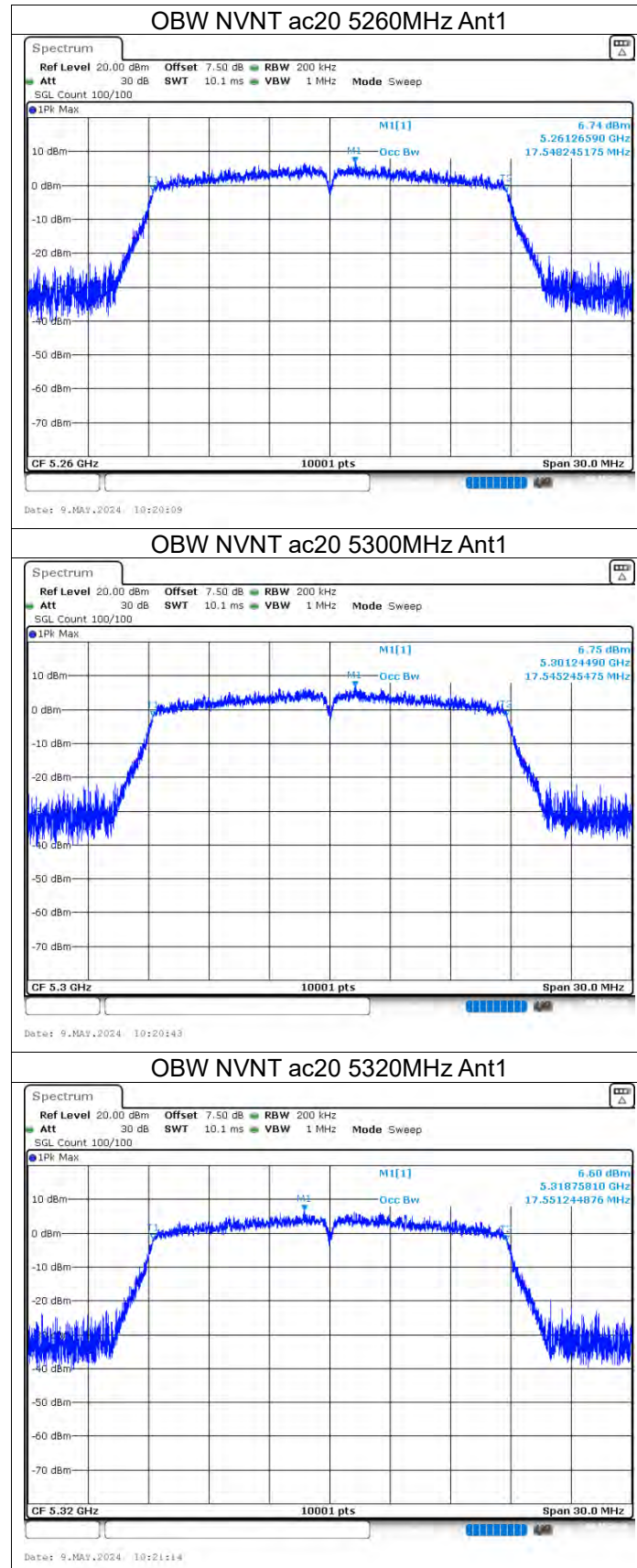


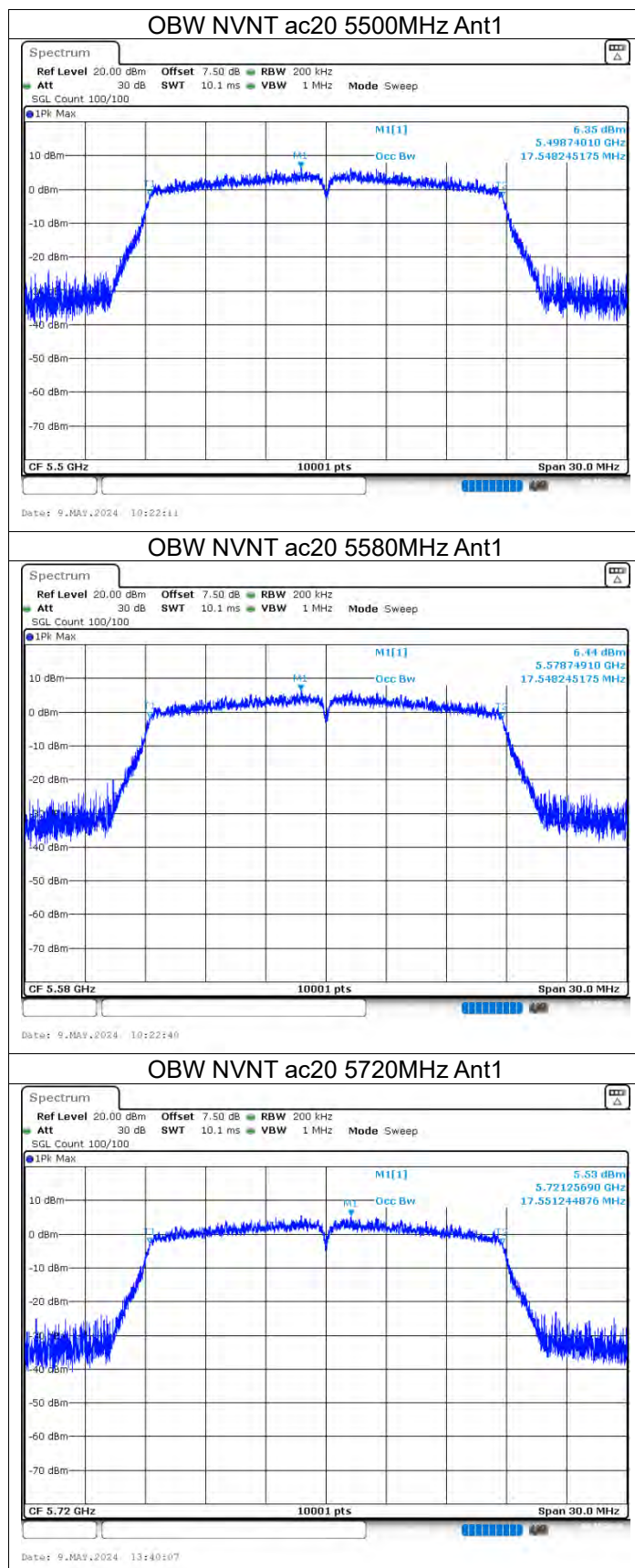


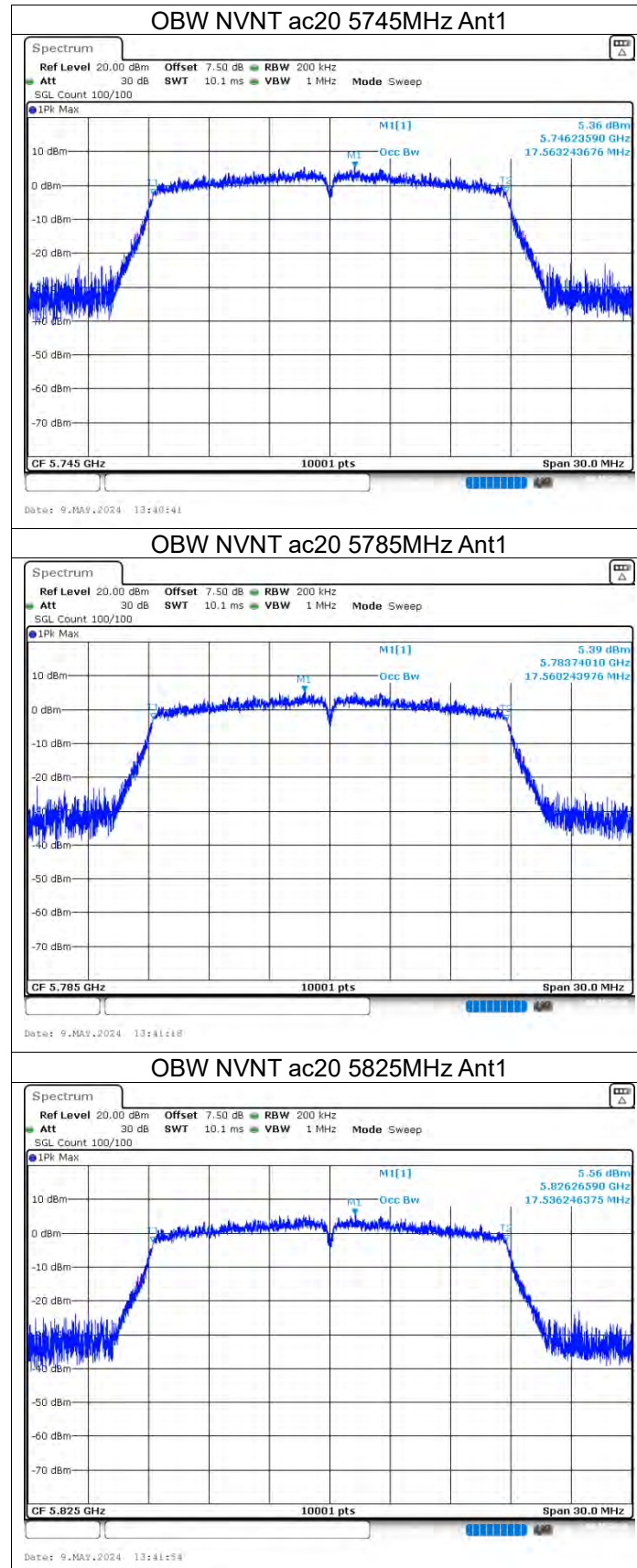


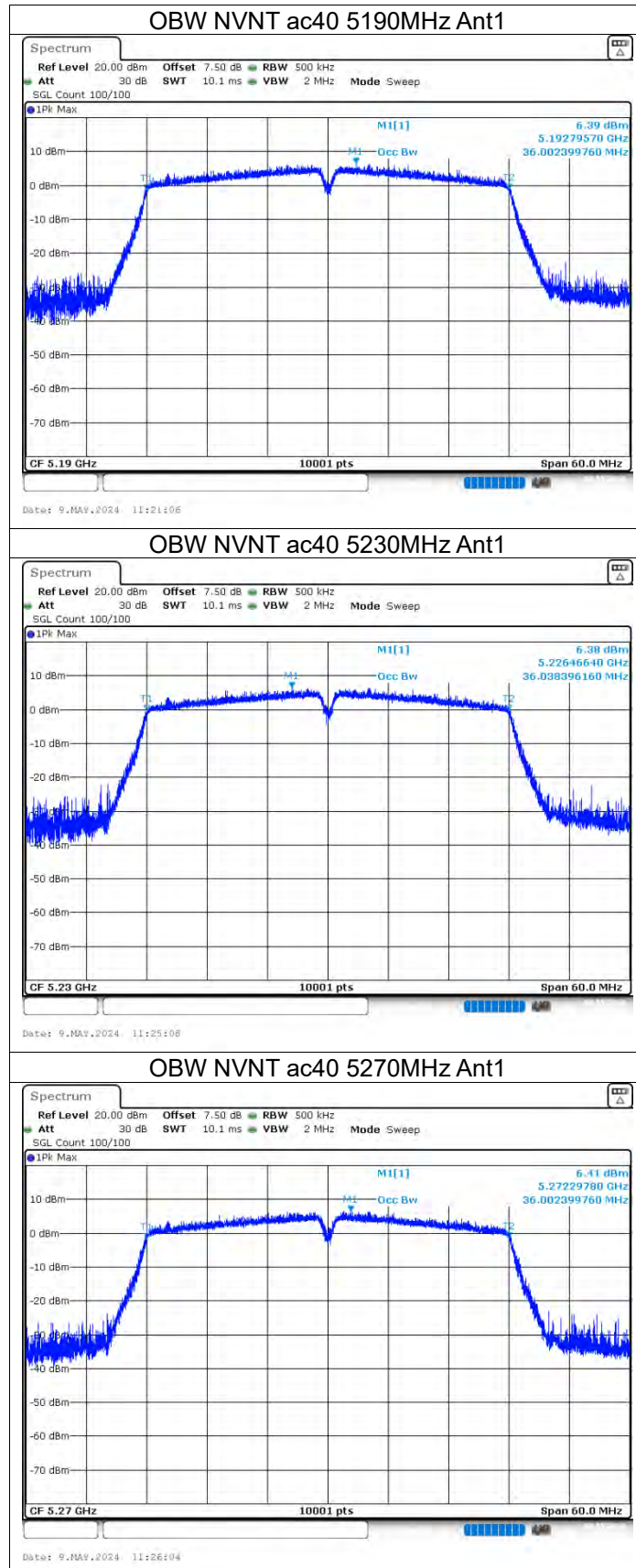


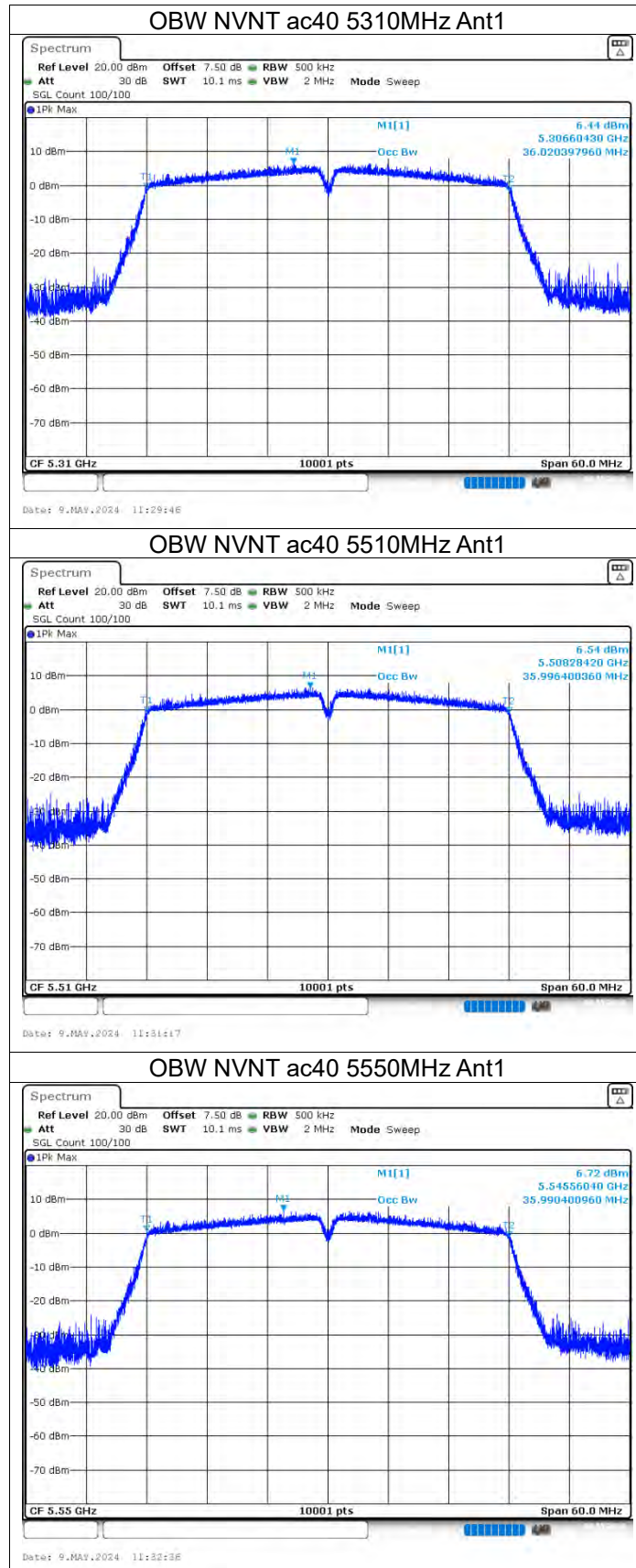


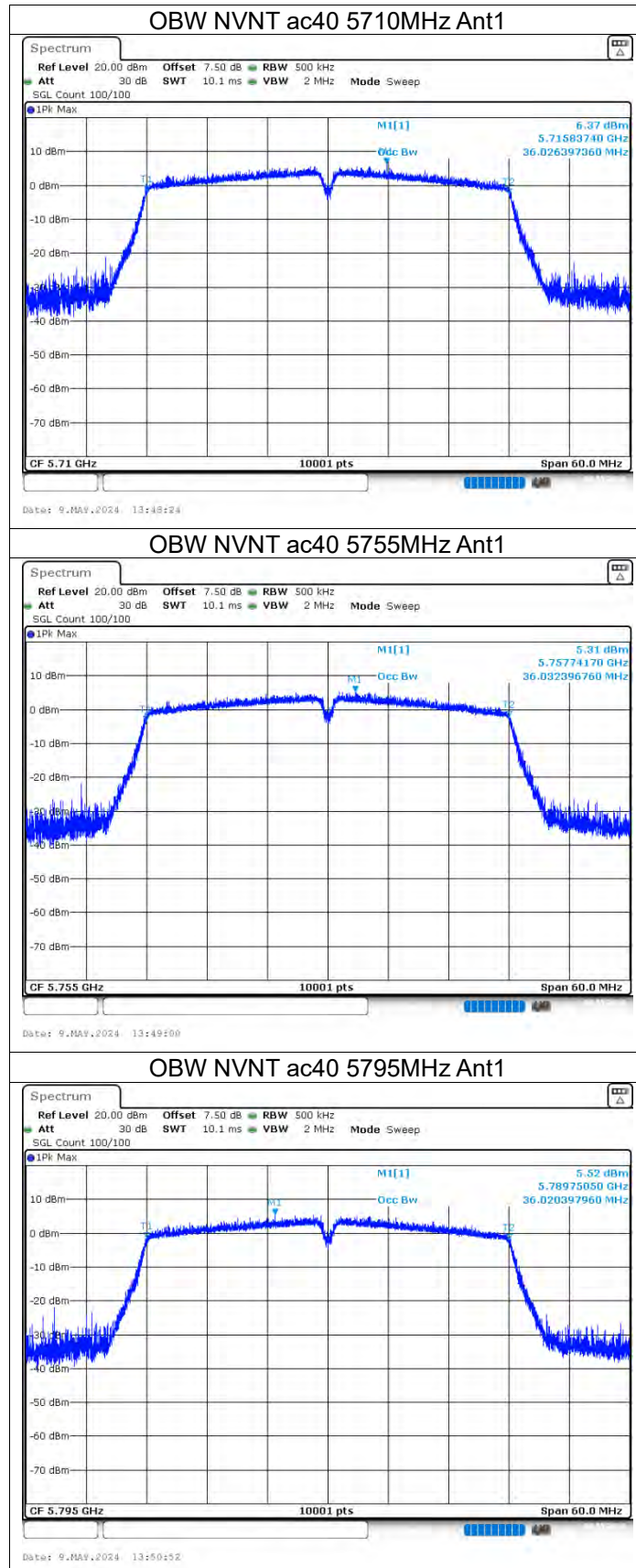


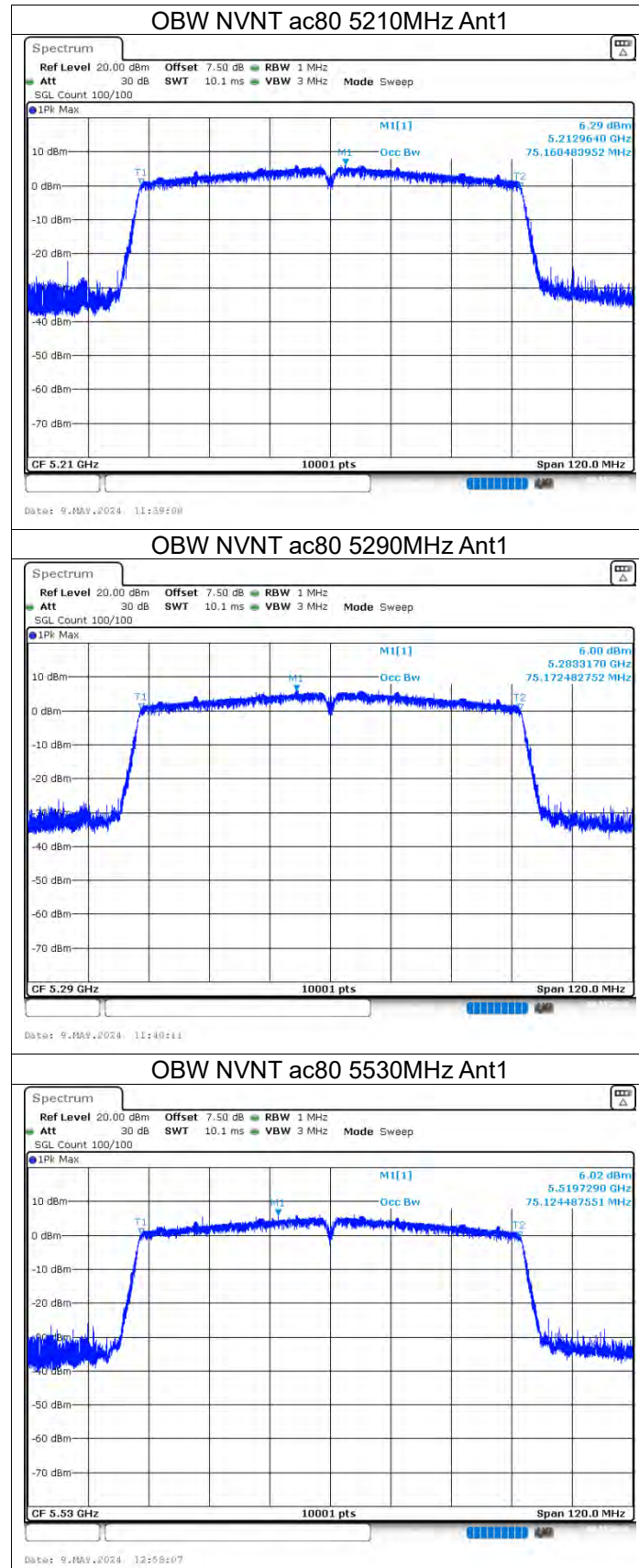


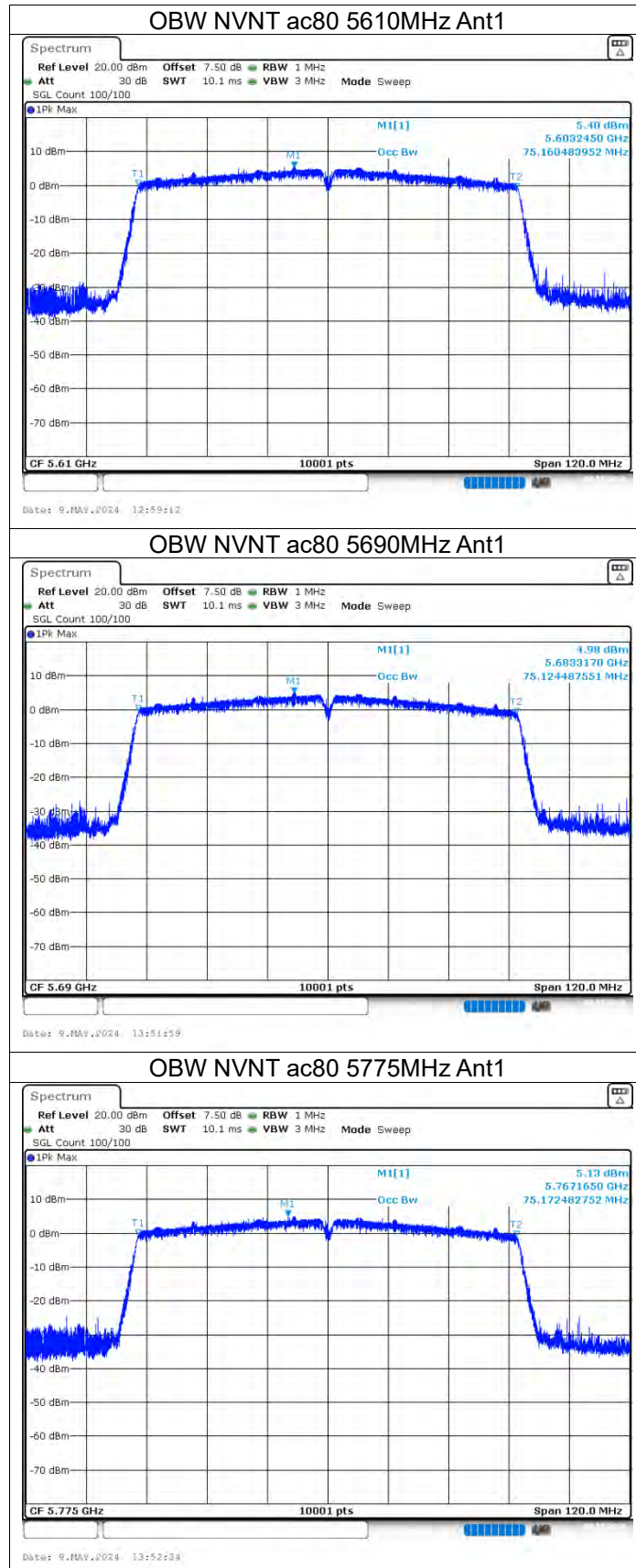












MAXIMUM POWER SPECTRAL DENSITY LEVEL

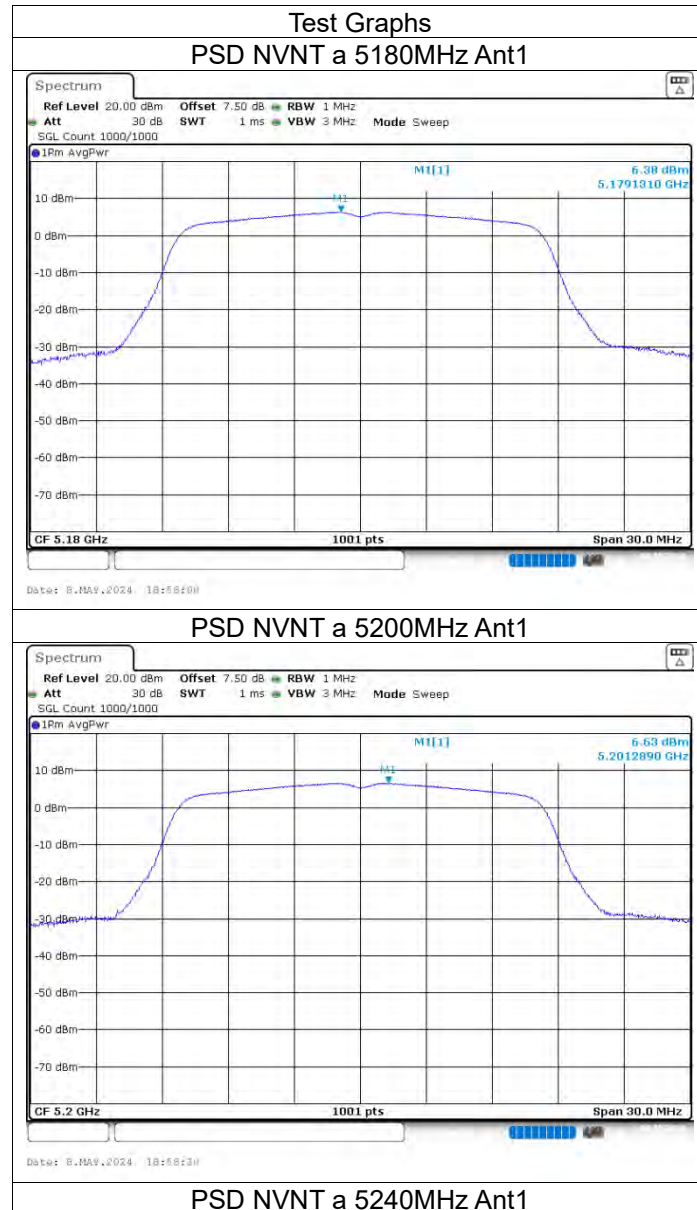
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total Conducted PSD (dBm)	Limit Conducted(dBm)	Verdict
a	5180	Ant1	6.38	0.14	6.52	11	Pass
a	5200	Ant1	6.63	0.14	6.77	11	Pass
a	5240	Ant1	6.65	0.14	6.79	11	Pass
a	5260	Ant1	6.62	0.14	6.76	11	Pass
a	5300	Ant1	6.84	0.14	6.98	11	Pass
a	5320	Ant1	6.55	0.14	6.69	11	Pass
a	5500	Ant1	6.23	0.14	6.37	11	Pass
a	5580	Ant1	6.29	0.14	6.43	11	Pass
a	5720	Ant1	5.33	0.14	5.47	11	Pass
a	5745	Ant1	2.57	0.14	2.71	30	Pass
a	5785	Ant1	2.62	0.14	2.76	30	Pass
a	5825	Ant1	2.52	0.14	2.66	30	Pass
n20	5180	Ant1	5.14	0.13	5.27	11	Pass
n20	5200	Ant1	5.19	0.13	5.32	11	Pass
n20	5240	Ant1	5.38	0.13	5.51	11	Pass
n20	5260	Ant1	5.35	0.13	5.48	11	Pass
n20	5300	Ant1	5.31	0.13	5.44	11	Pass
n20	5320	Ant1	5.43	0.13	5.56	11	Pass
n20	5500	Ant1	4.91	0.13	5.04	11	Pass
n20	5580	Ant1	4.99	0.13	5.12	11	Pass
n20	5720	Ant1	4.24	0.13	4.37	11	Pass
n20	5745	Ant1	1.25	0.13	1.38	30	Pass
n20	5785	Ant1	1.27	0.13	1.4	30	Pass
n20	5825	Ant1	1.19	0.13	1.32	30	Pass
n40	5190	Ant1	1.01	0.28	1.29	11	Pass
n40	5230	Ant1	1.32	0.28	1.6	11	Pass
n40	5270	Ant1	1.17	0.28	1.45	11	Pass
n40	5310	Ant1	1.11	0.28	1.39	11	Pass
n40	5510	Ant1	1.01	0.28	1.29	11	Pass
n40	5550	Ant1	1.1	0.28	1.38	11	Pass
n40	5710	Ant1	0.17	0.28	0.45	11	Pass
n40	5755	Ant1	-2.96	0.28	-2.68	30	Pass
n40	5795	Ant1	-2.94	0.28	-2.66	30	Pass
ac20	5180	Ant1	5.11	0.15	5.26	11	Pass
ac20	5200	Ant1	5.16	0.15	5.31	11	Pass
ac20	5240	Ant1	5.4	0.15	5.55	11	Pass
ac20	5260	Ant1	5.32	0.15	5.47	11	Pass
ac20	5300	Ant1	5.24	0.15	5.39	11	Pass
ac20	5320	Ant1	5.38	0.15	5.53	11	Pass
ac20	5500	Ant1	4.97	0.15	5.12	11	Pass
ac20	5580	Ant1	5.01	0.15	5.16	11	Pass
ac20	5720	Ant1	4.22	0.15	4.37	11	Pass
ac20	5745	Ant1	1.28	0.15	1.43	30	Pass
ac20	5785	Ant1	1.39	0.15	1.54	30	Pass
ac20	5825	Ant1	1.19	0.15	1.34	30	Pass



BUREAU
VERITAS

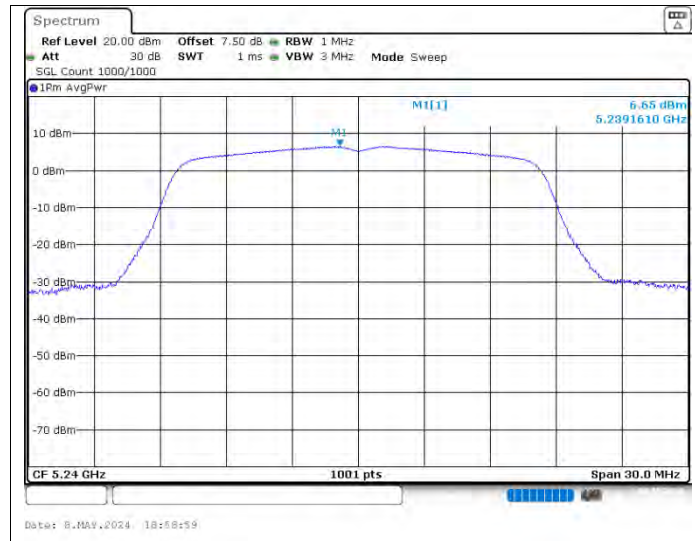
Reference No.: W7L-240507W001RF03

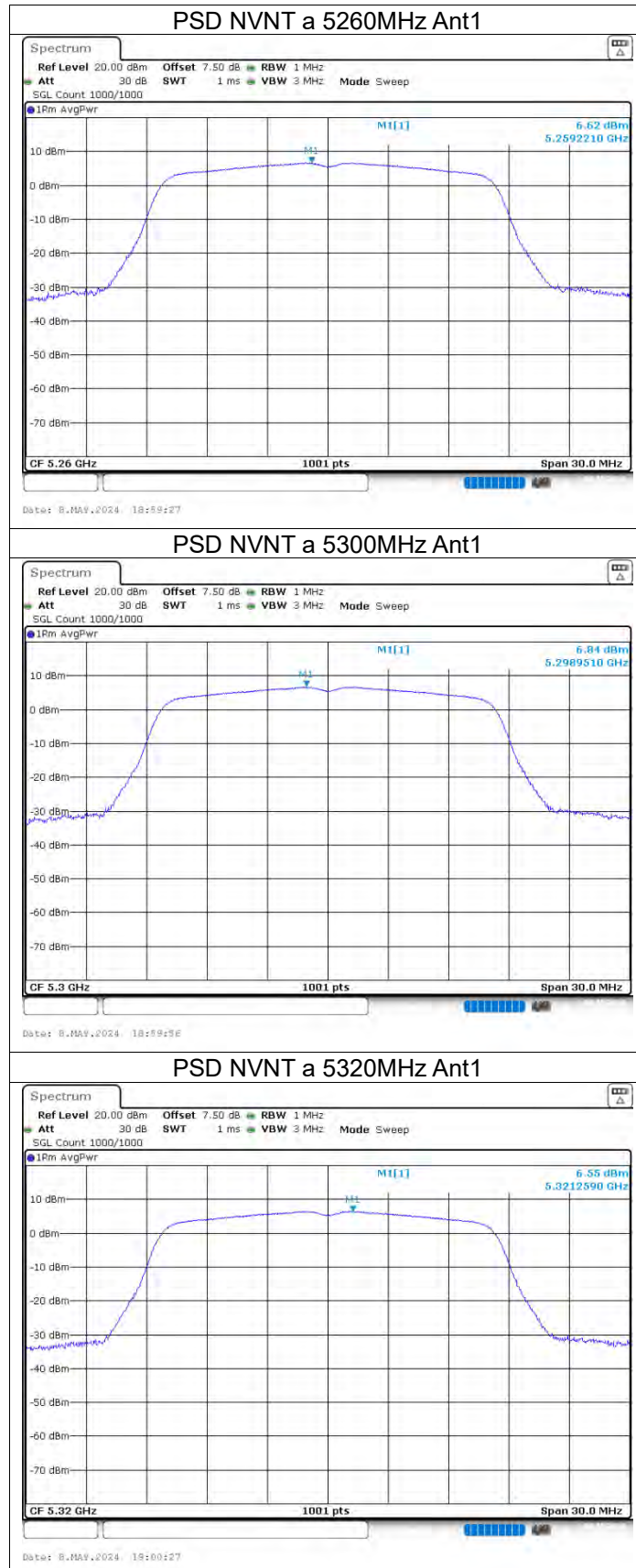
ac40	5190	Ant1	1.16	0.28	1.44	11	Pass
ac40	5230	Ant1	1.16	0.28	1.44	11	Pass
ac40	5270	Ant1	1.33	0.28	1.61	11	Pass
ac40	5310	Ant1	1.32	0.28	1.6	11	Pass
ac40	5510	Ant1	1.22	0.28	1.5	11	Pass
ac40	5550	Ant1	1.25	0.28	1.53	11	Pass
ac40	5710	Ant1	0.06	0.28	0.34	11	Pass
ac40	5755	Ant1	-2.97	0.28	-2.69	30	Pass
ac40	5795	Ant1	-2.89	0.28	-2.61	30	Pass
ac80	5210	Ant1	-3.08	0.55	-2.53	11	Pass
ac80	5290	Ant1	-3.2	0.55	-2.65	11	Pass
ac80	5530	Ant1	-3.42	0.55	-2.87	11	Pass
ac80	5610	Ant1	-3.48	0.55	-2.93	11	Pass
ac80	5690	Ant1	-4.24	0.55	-3.69	11	Pass
ac80	5775	Ant1	-7.28	0.55	-6.73	30	Pass

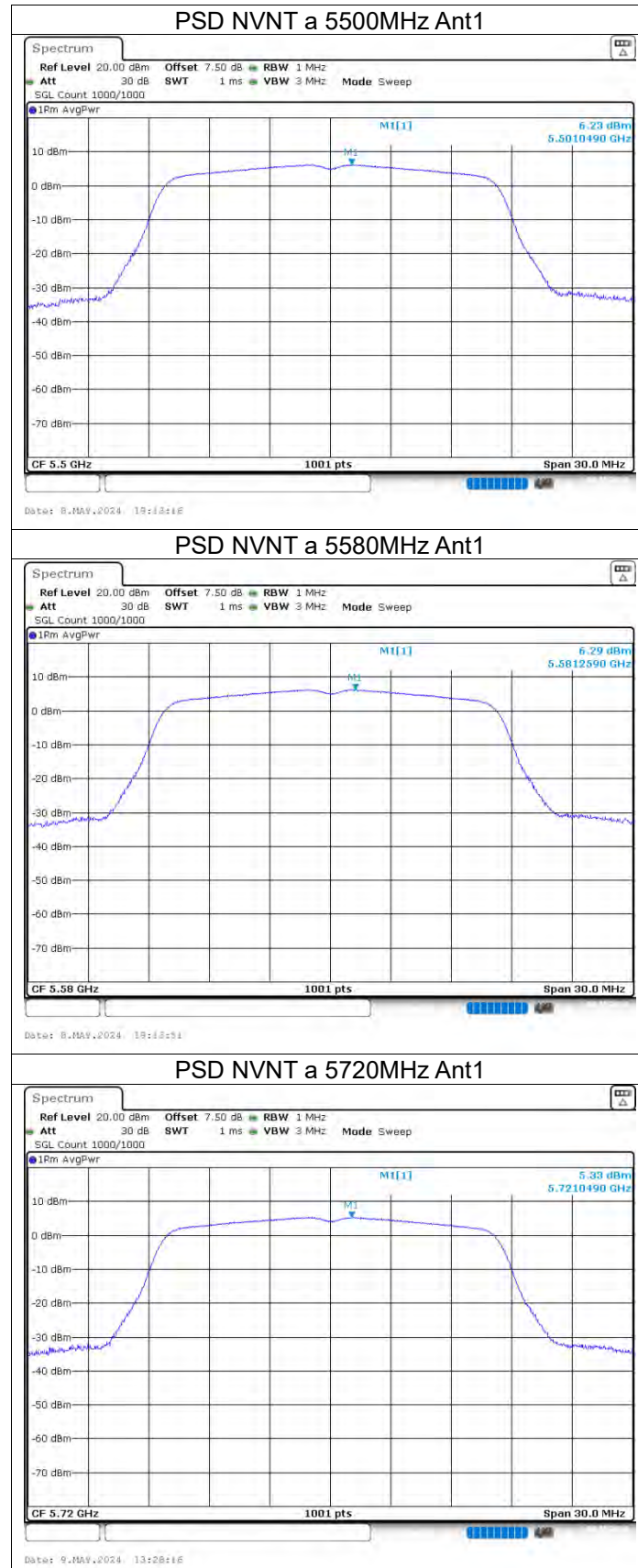




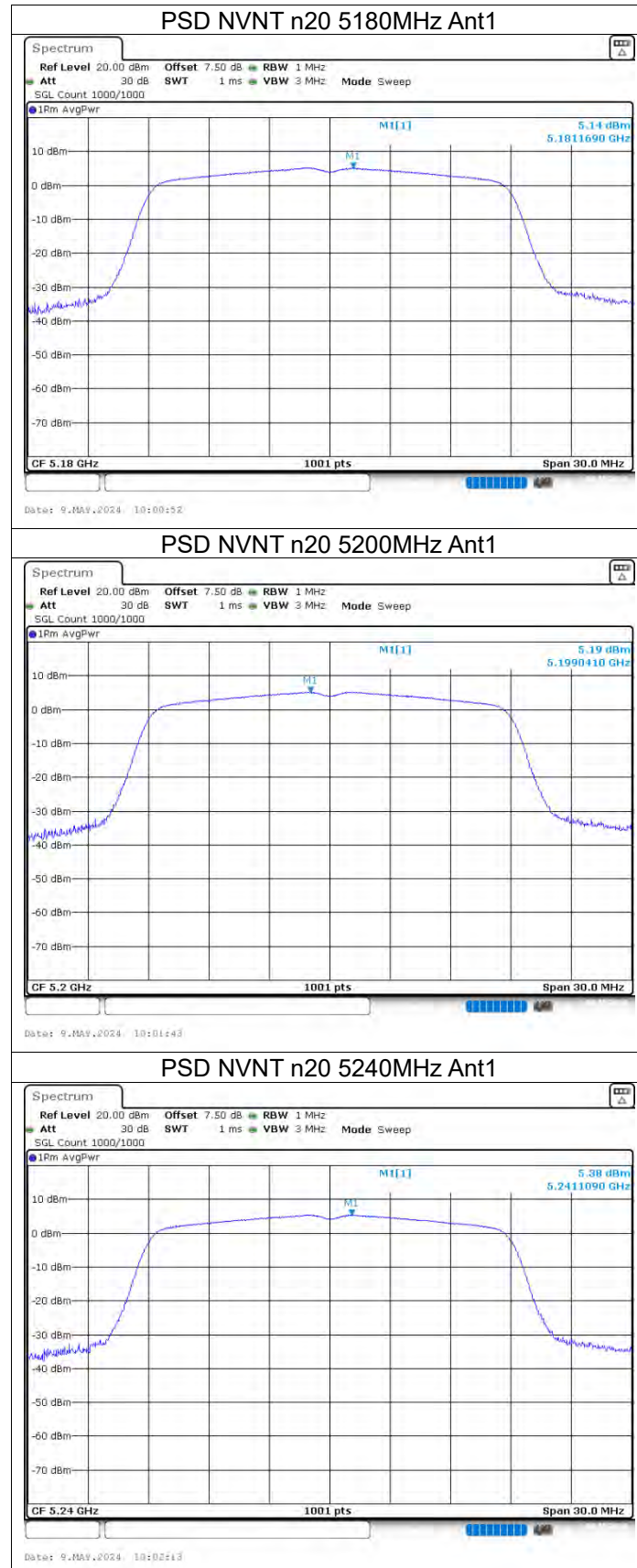
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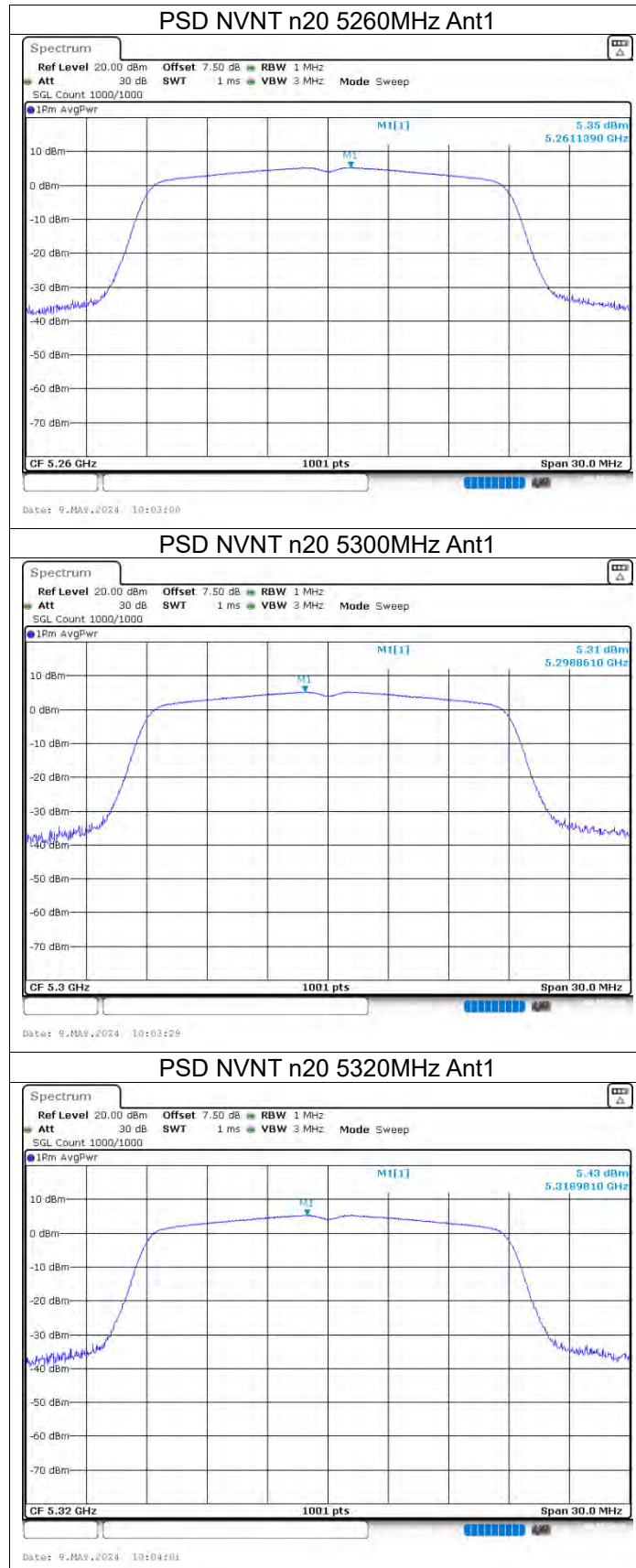


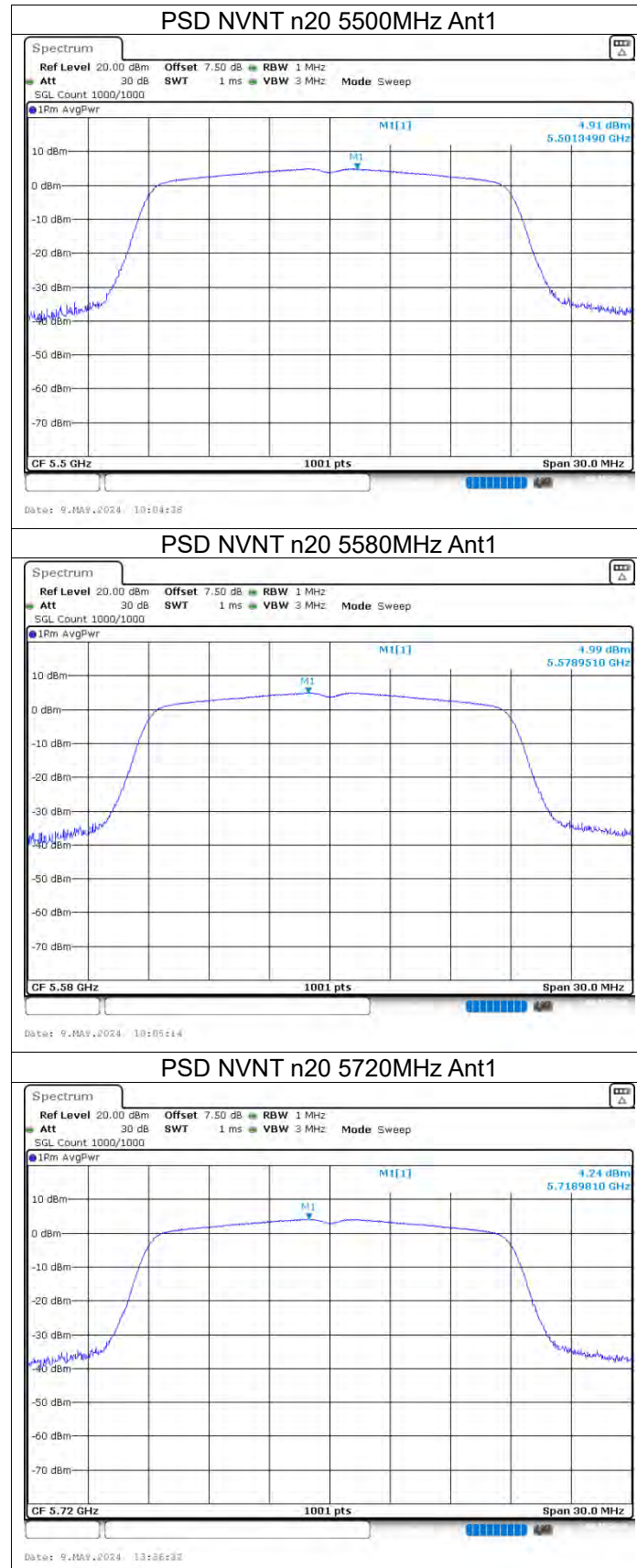


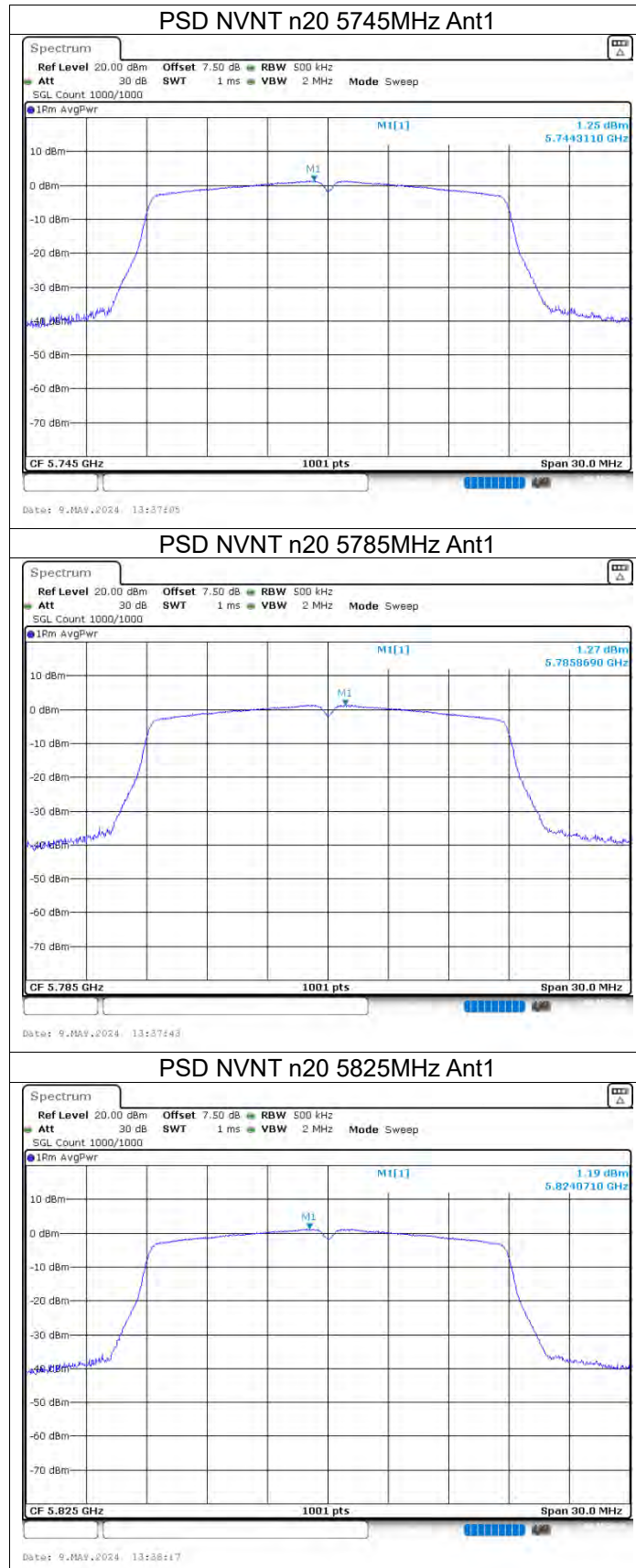


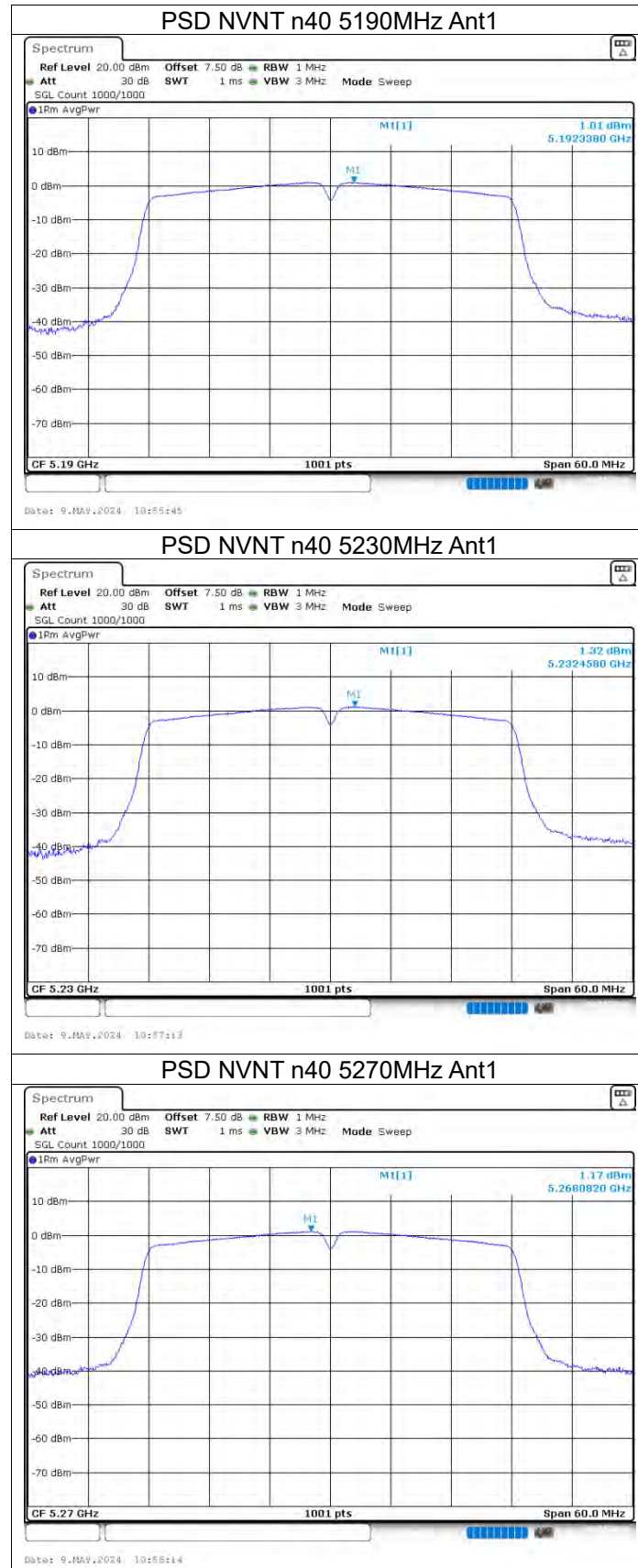


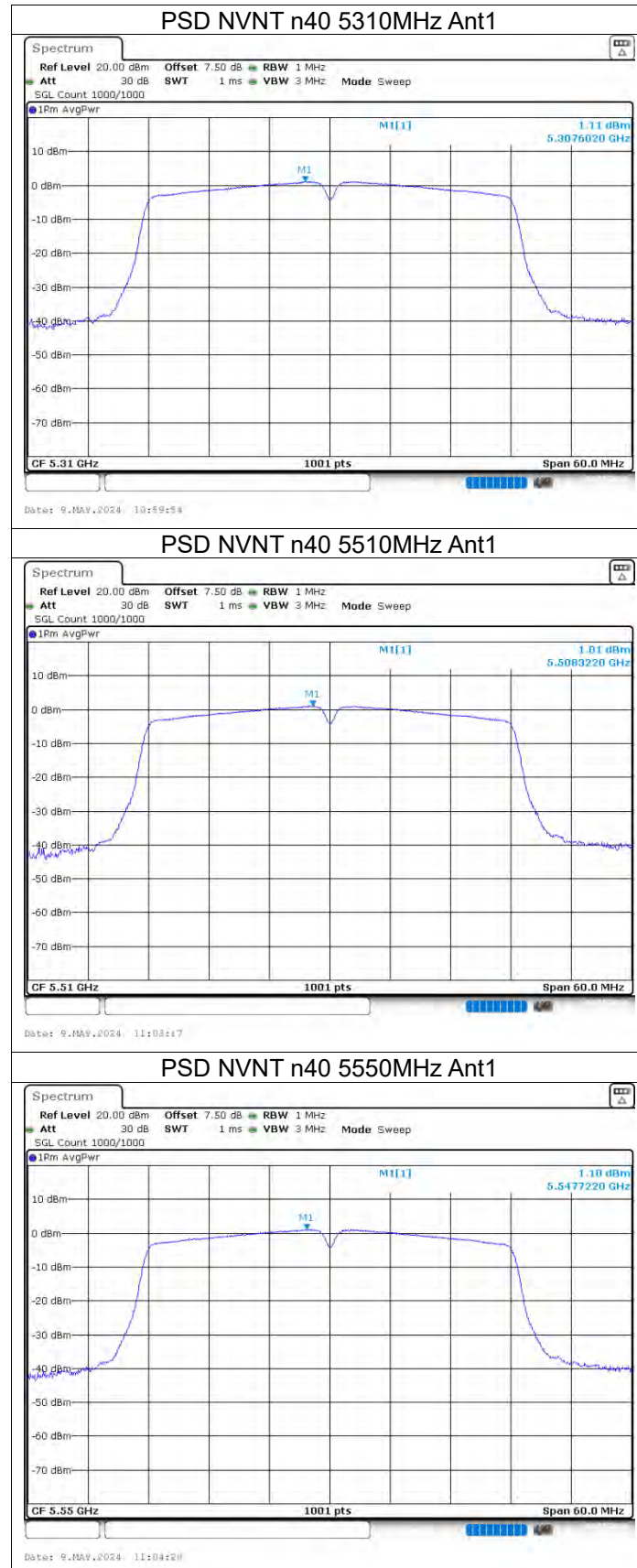


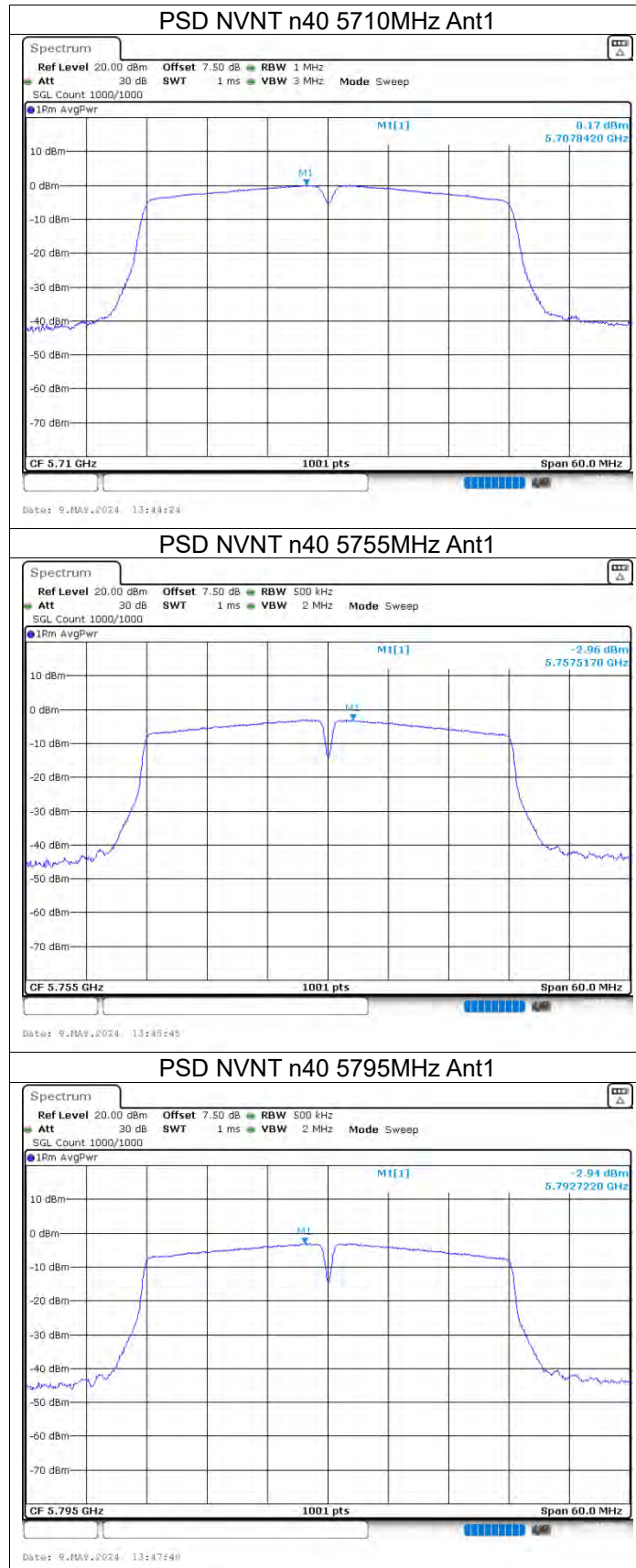


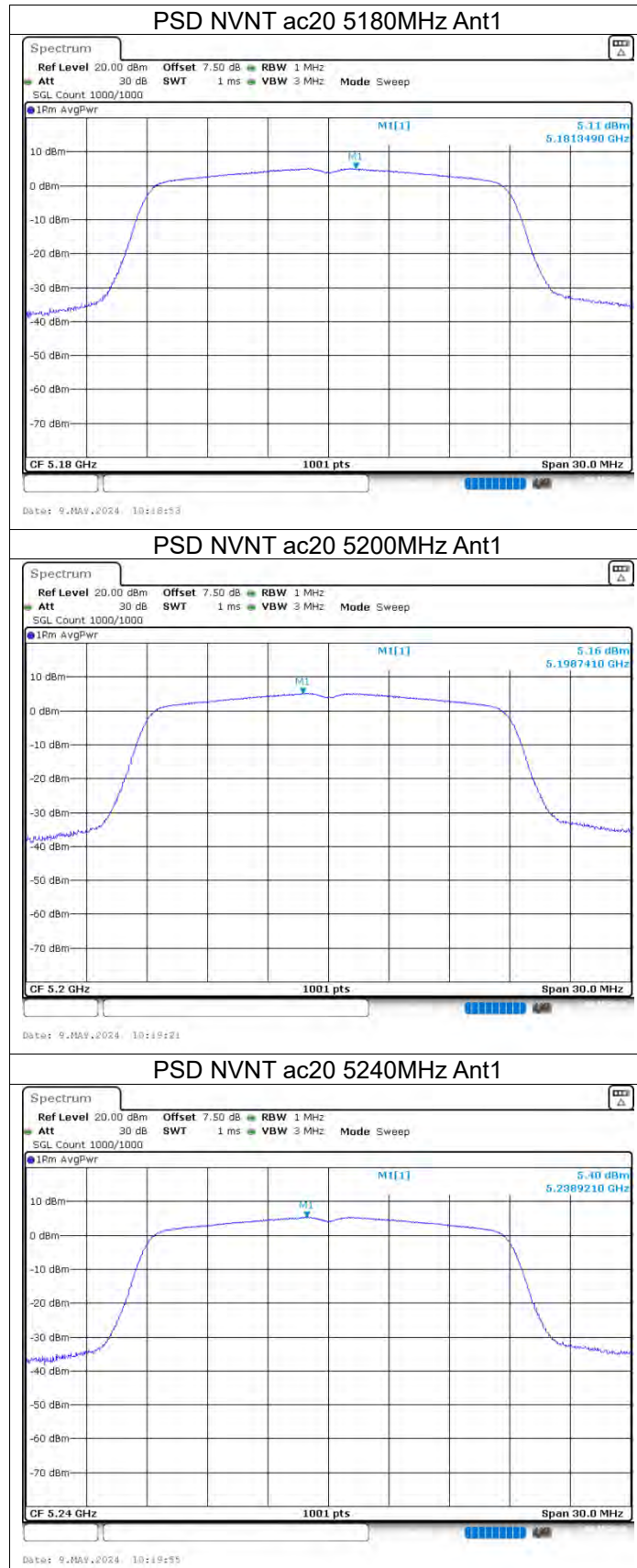


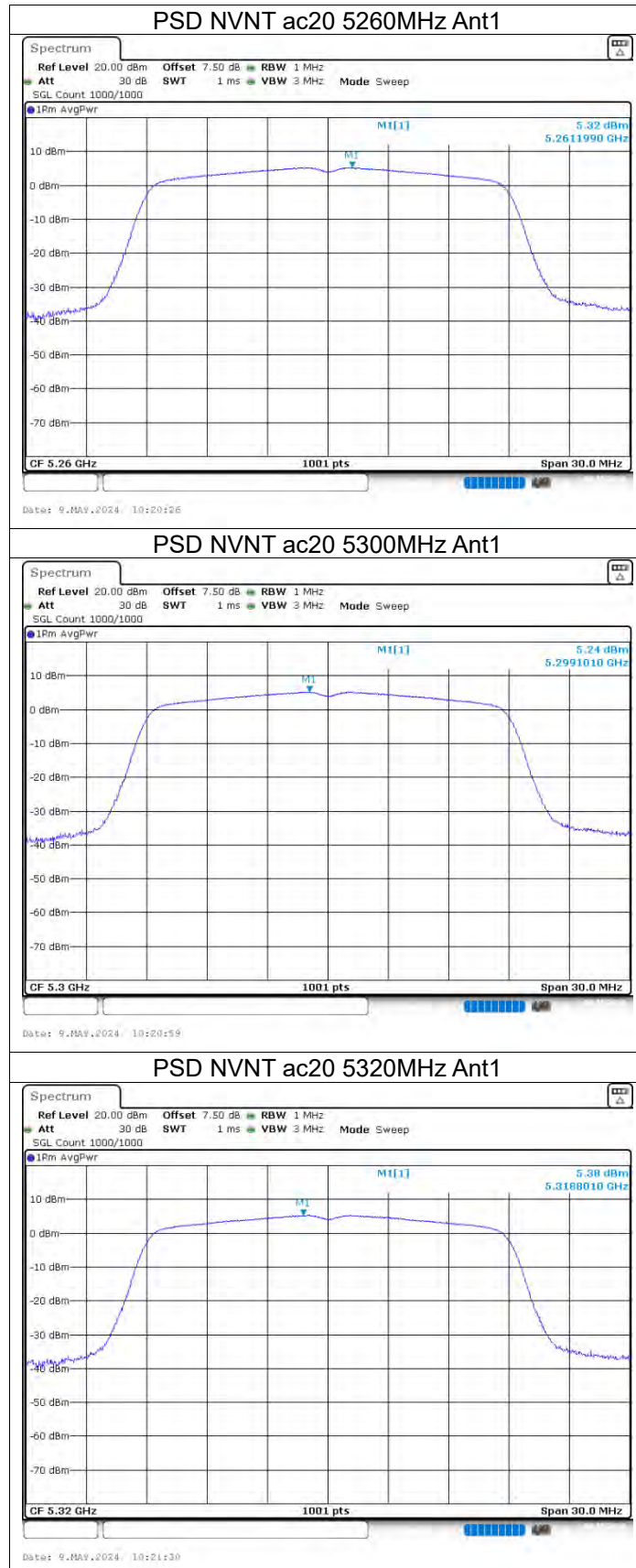


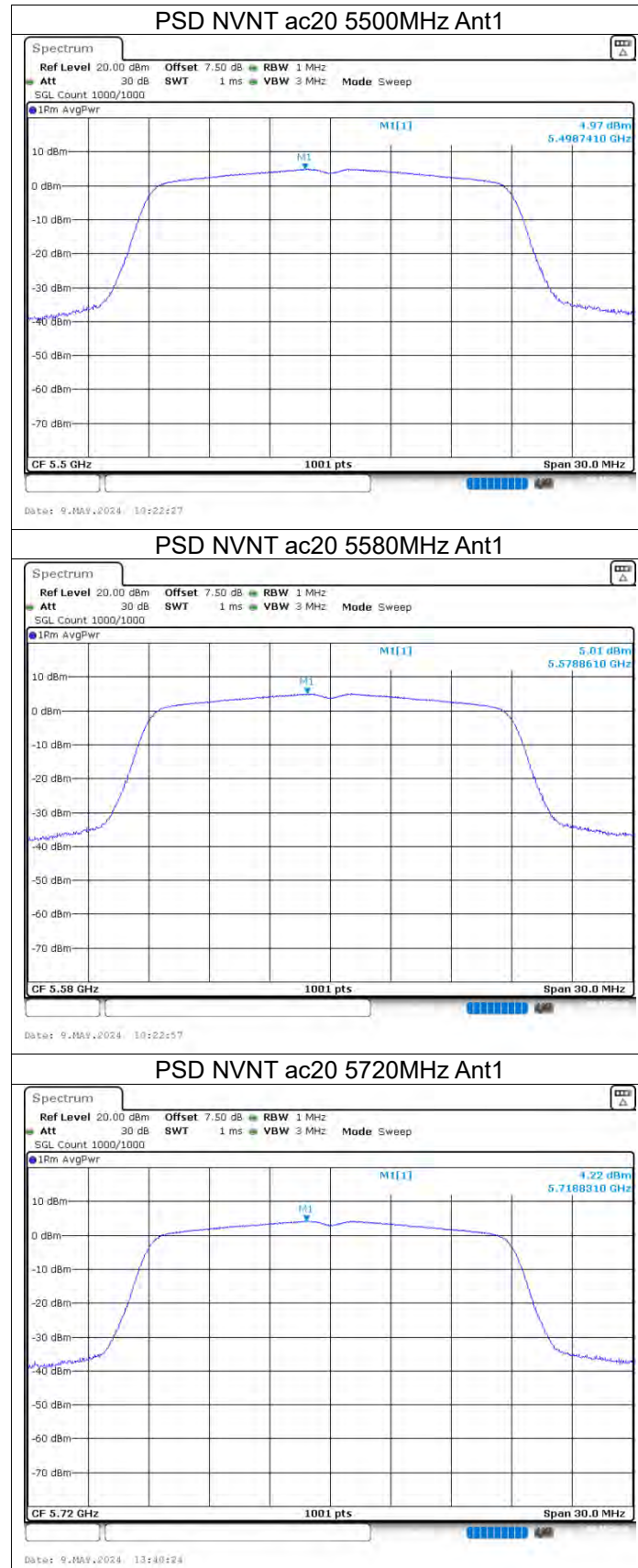


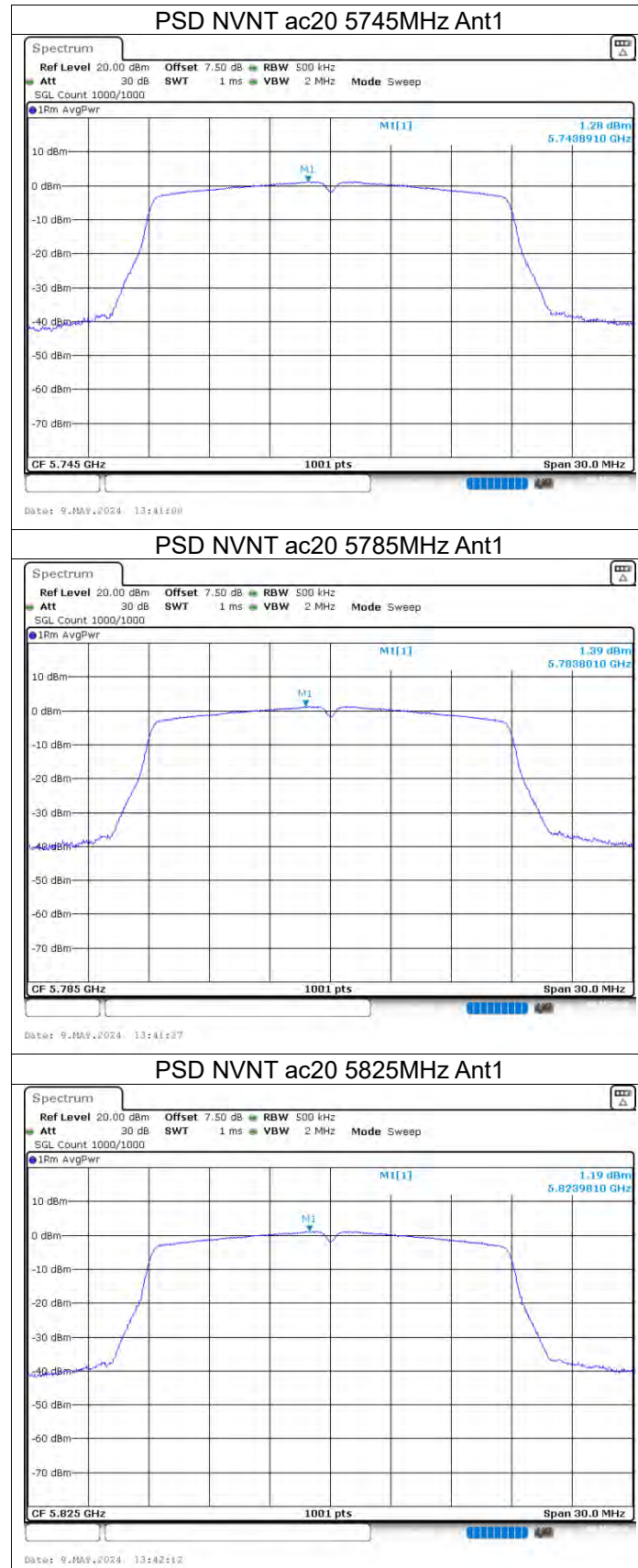


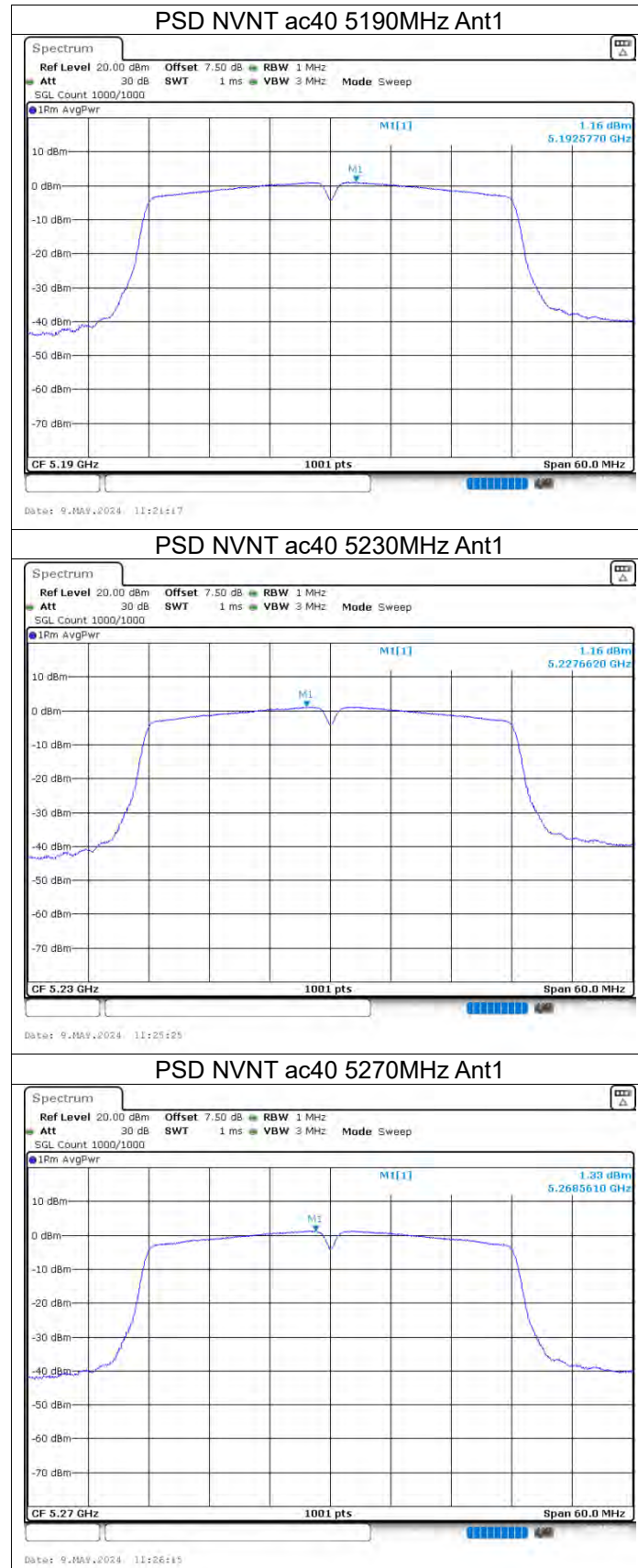


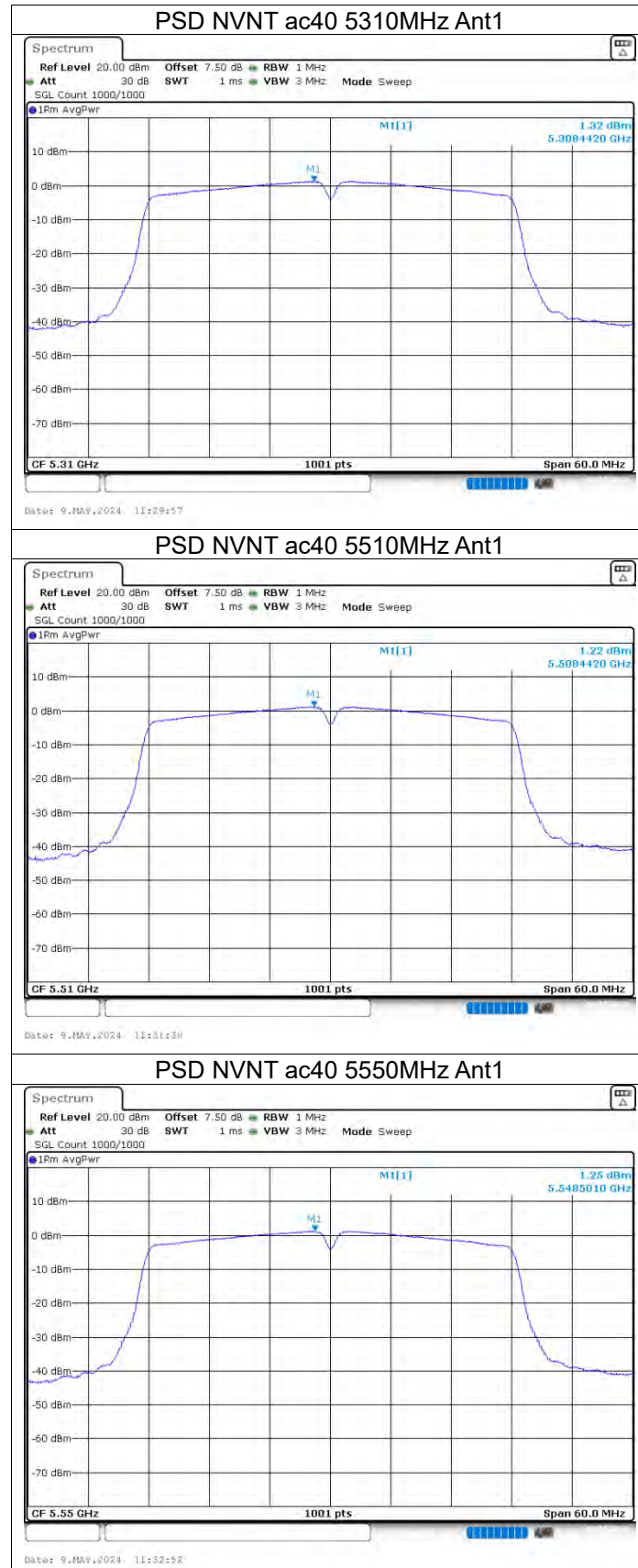


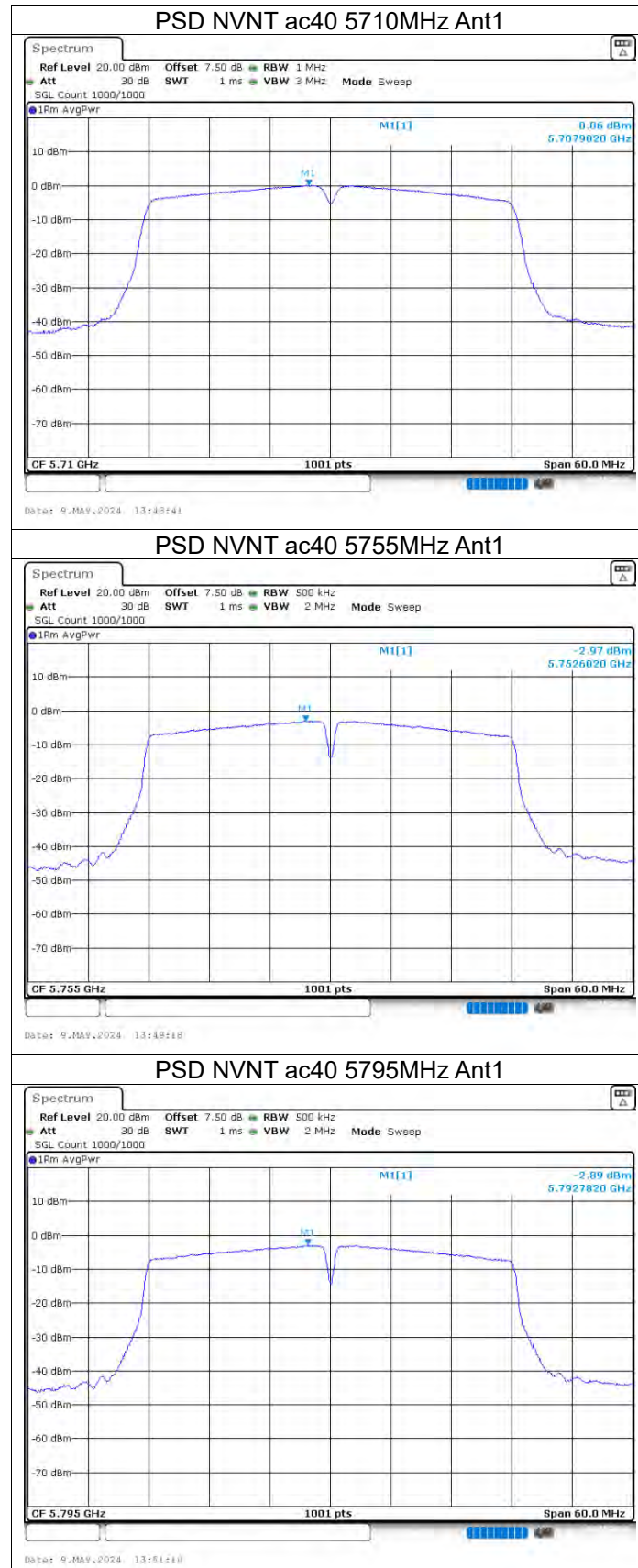


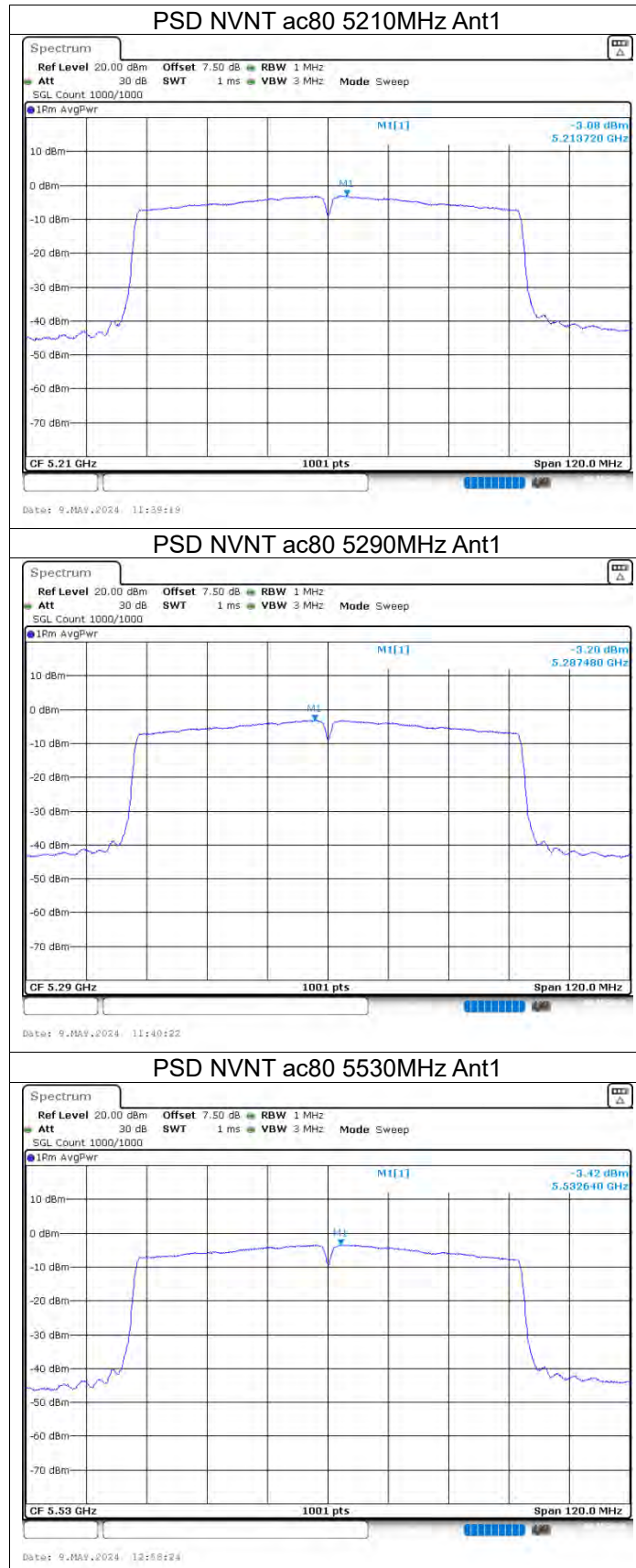


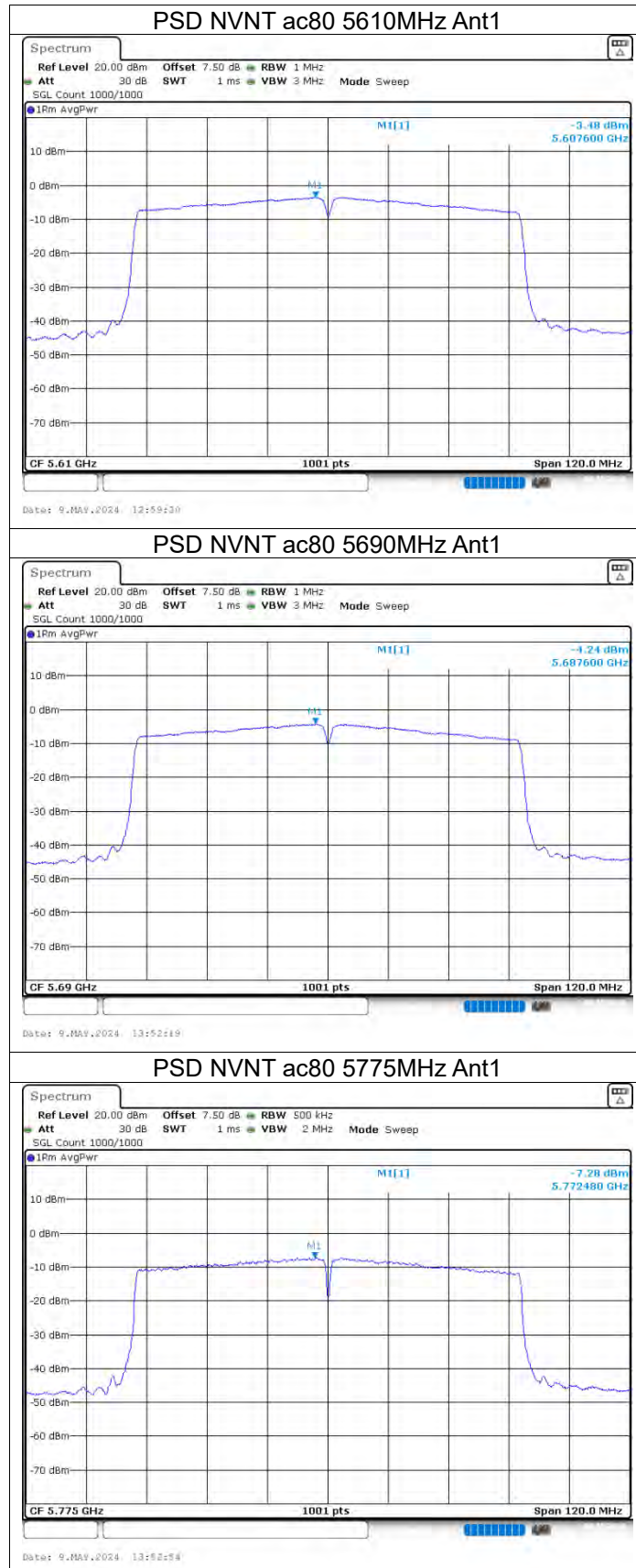










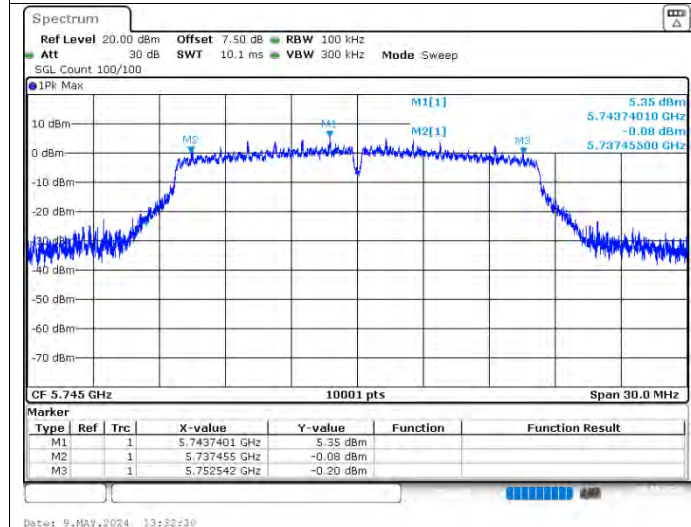


-6DB BANDWIDTH

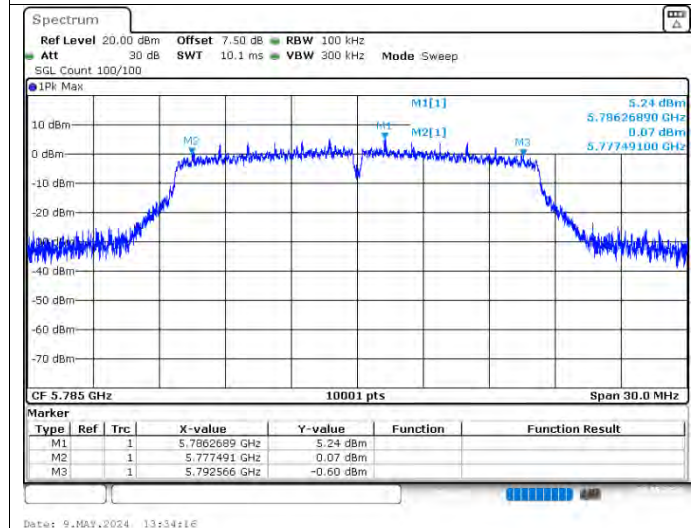
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	15.087	0.5	Pass
a	5785	Ant1	15.075	0.5	Pass
a	5825	Ant1	15.096	0.5	Pass
n20	5745	Ant1	15.102	0.5	Pass
n20	5785	Ant1	15.021	0.5	Pass
n20	5825	Ant1	15.114	0.5	Pass
n40	5755	Ant1	35.106	0.5	Pass
n40	5795	Ant1	35.064	0.5	Pass
ac20	5745	Ant1	15.036	0.5	Pass
ac20	5785	Ant1	15.069	0.5	Pass
ac20	5825	Ant1	15.087	0.5	Pass
ac40	5755	Ant1	35.058	0.5	Pass
ac40	5795	Ant1	35.082	0.5	Pass
ac80	5775	Ant1	75.06	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

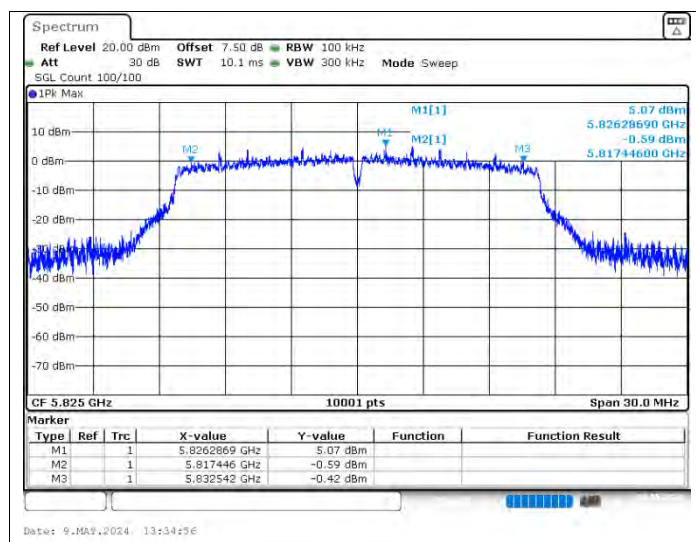


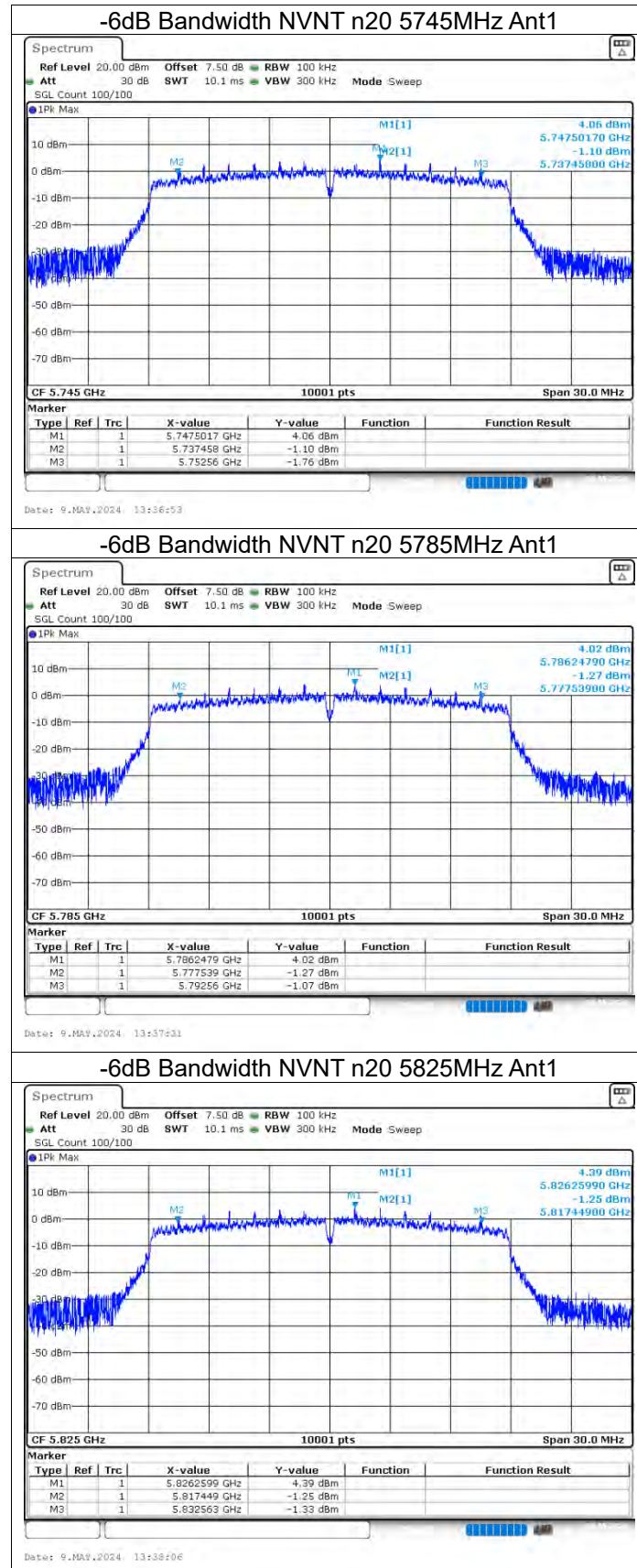
-6dB Bandwidth NVNT a 5785MHz Ant1

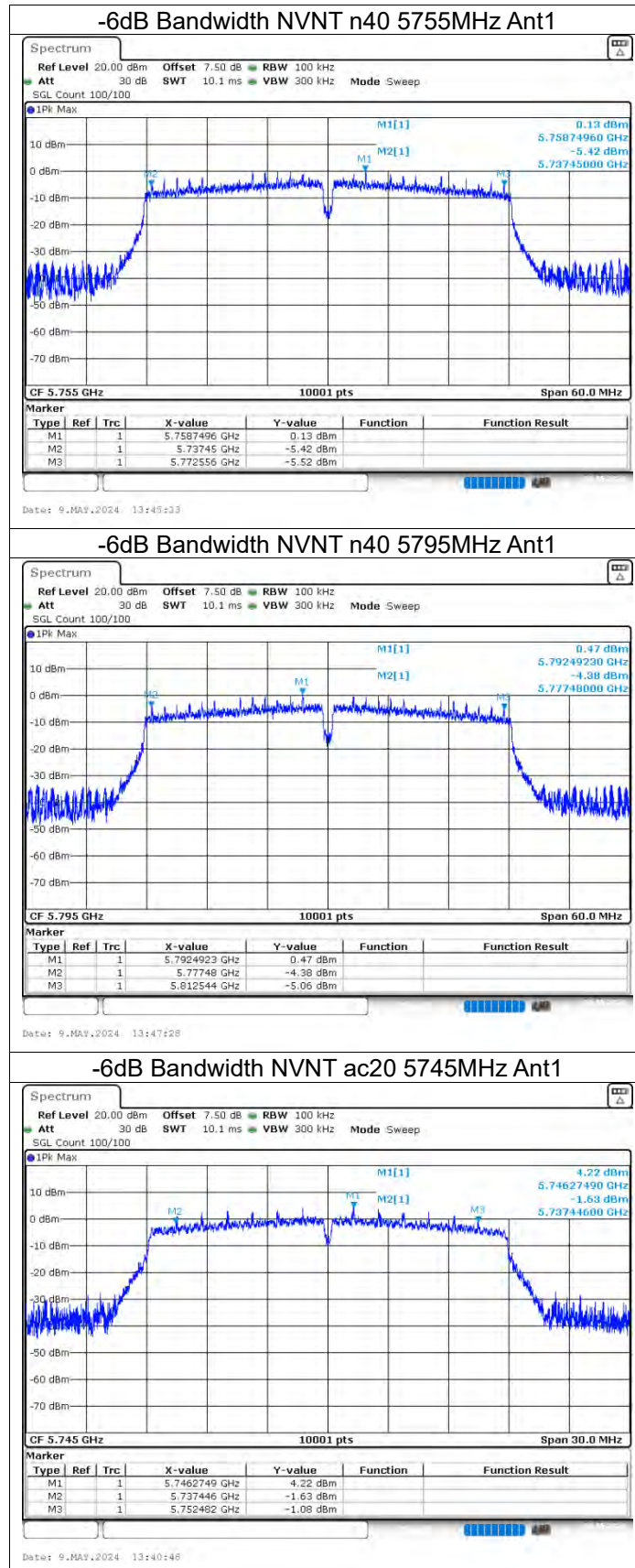


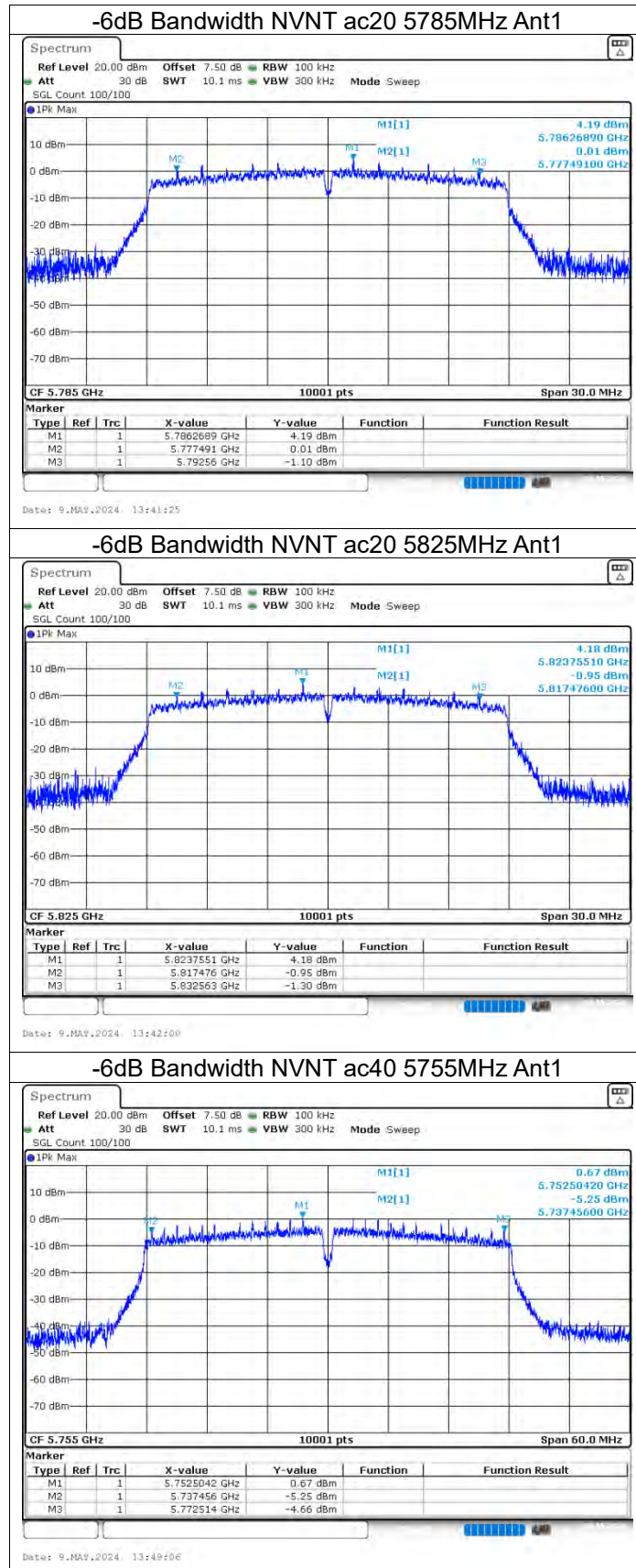
-6dB Bandwidth NVNT a 5825MHz Ant1

Reference No.: W7L-240507W001RF03

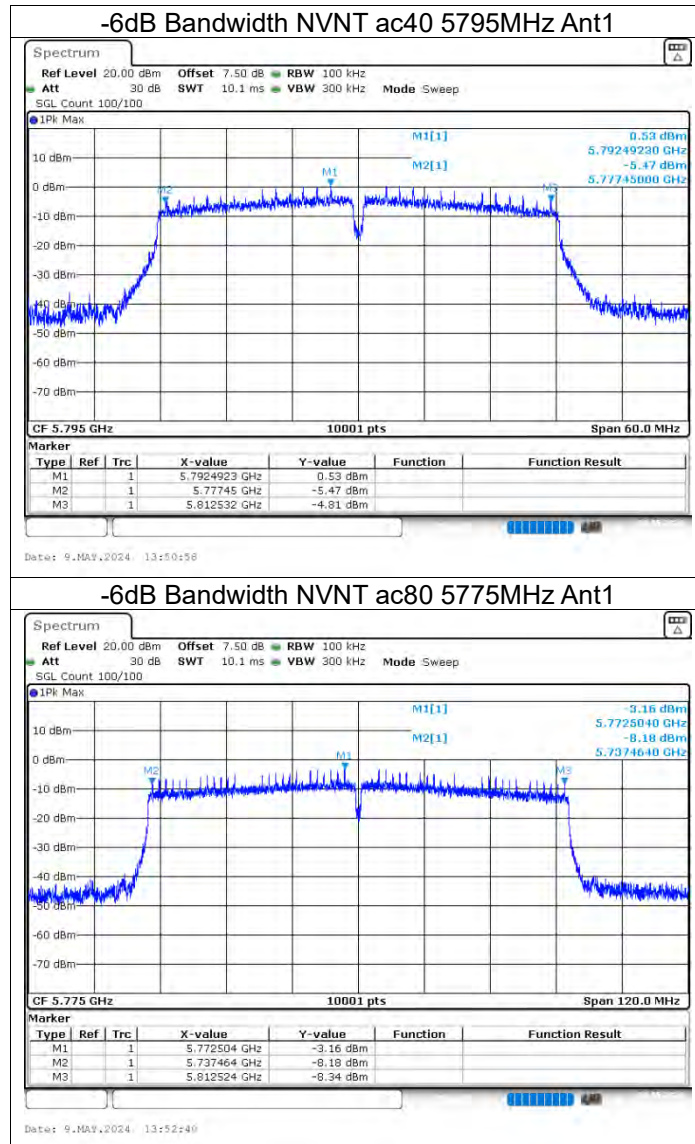








Reference No.: W7L-240507W001RF03



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