

Appendix: 2.4G Wi-Fi

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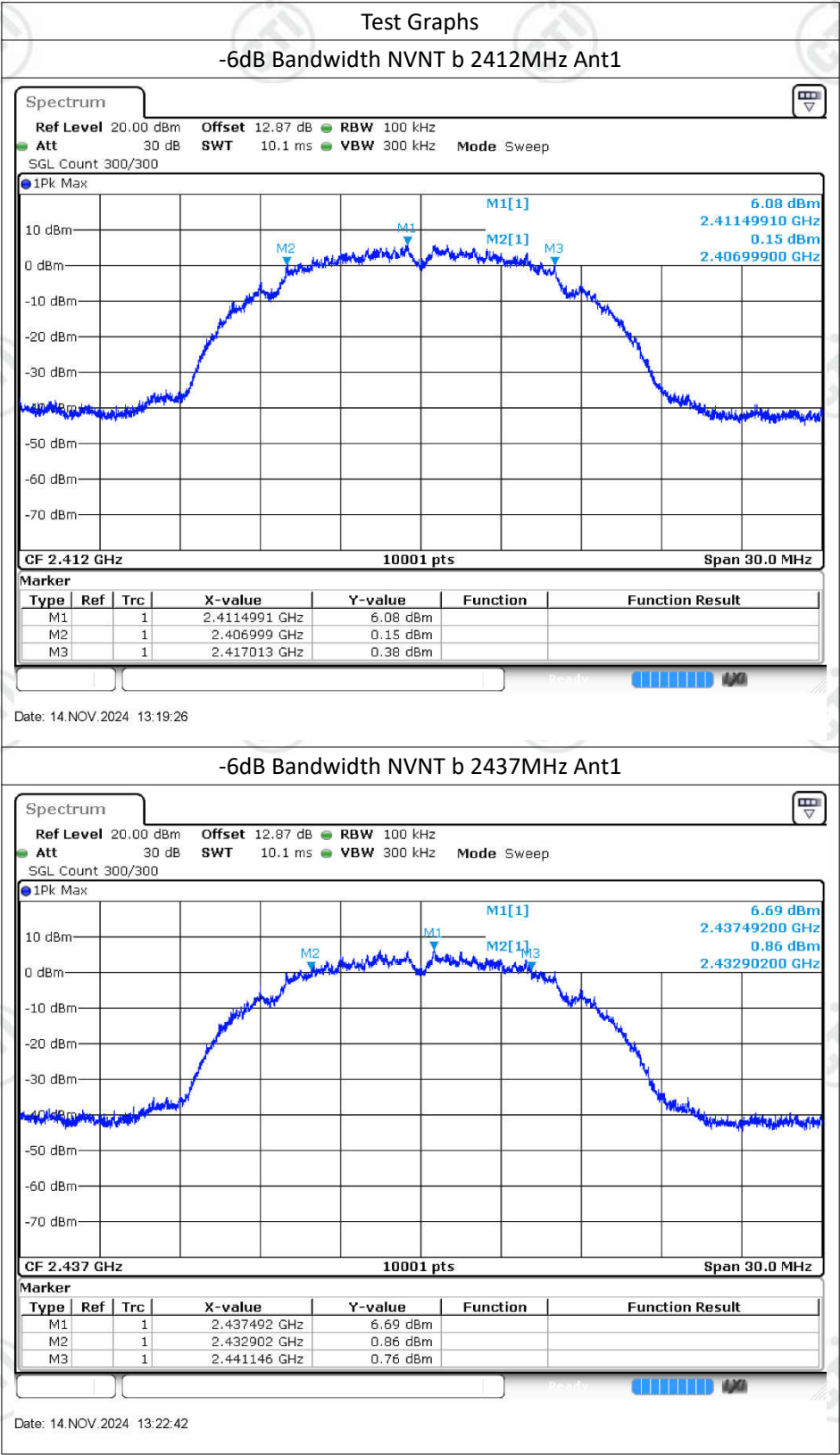
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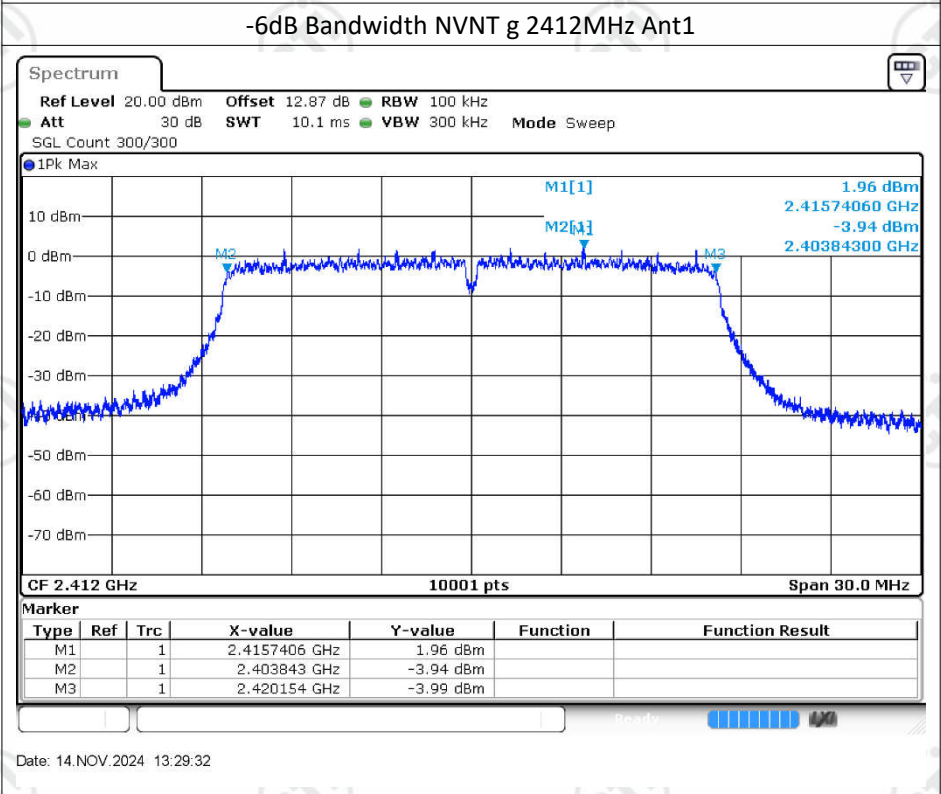
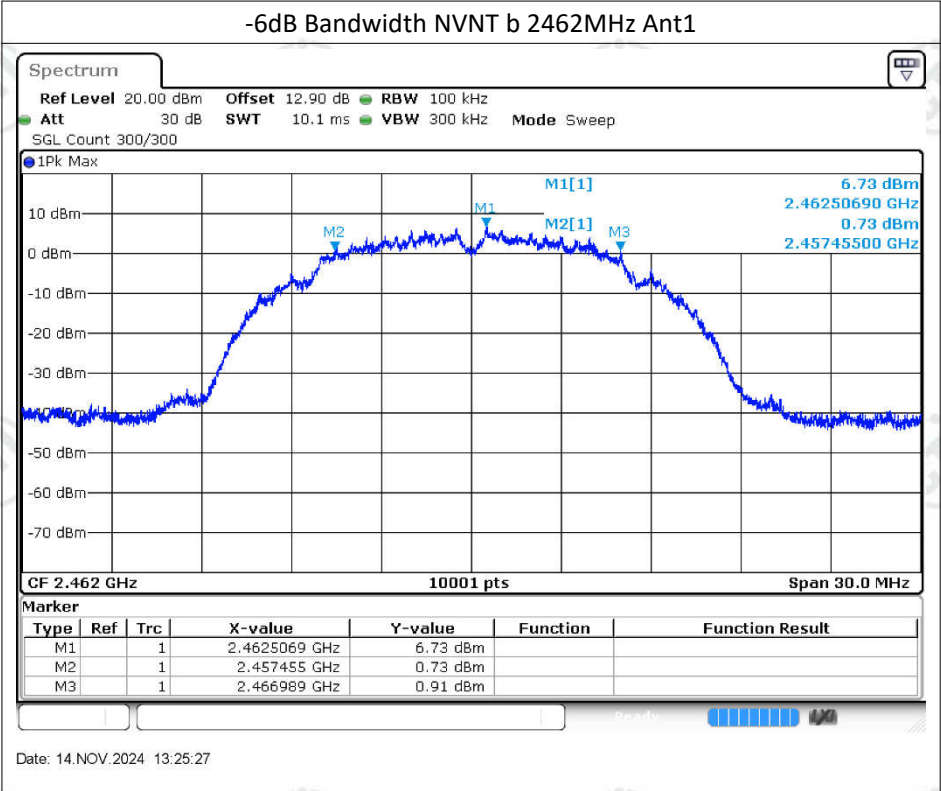
 Test Result 47

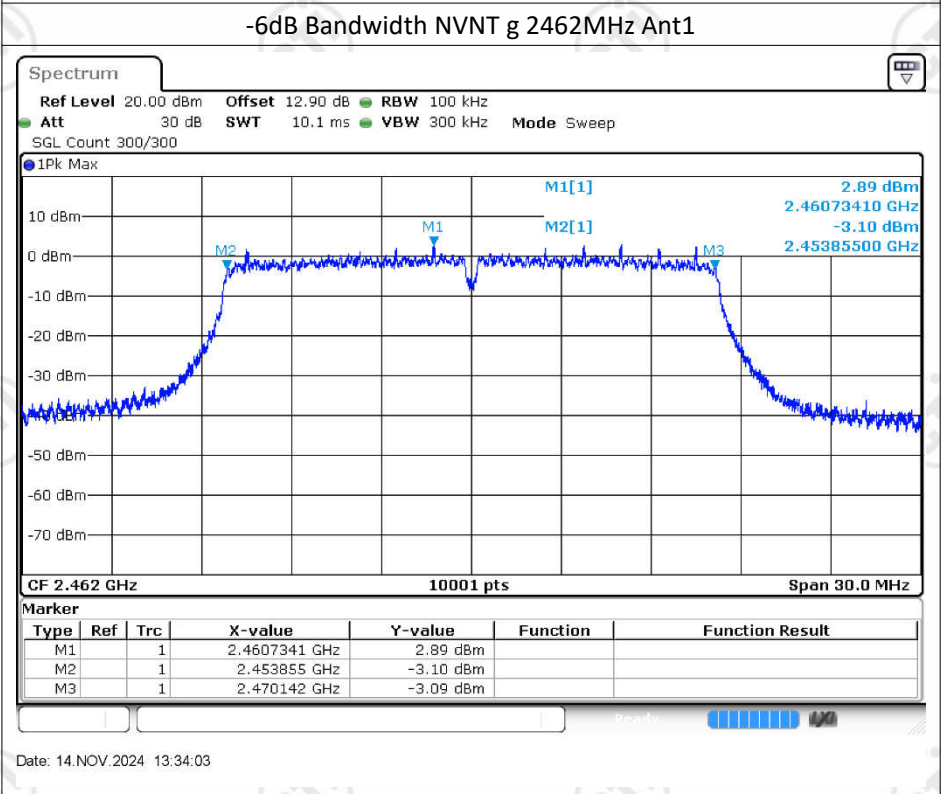
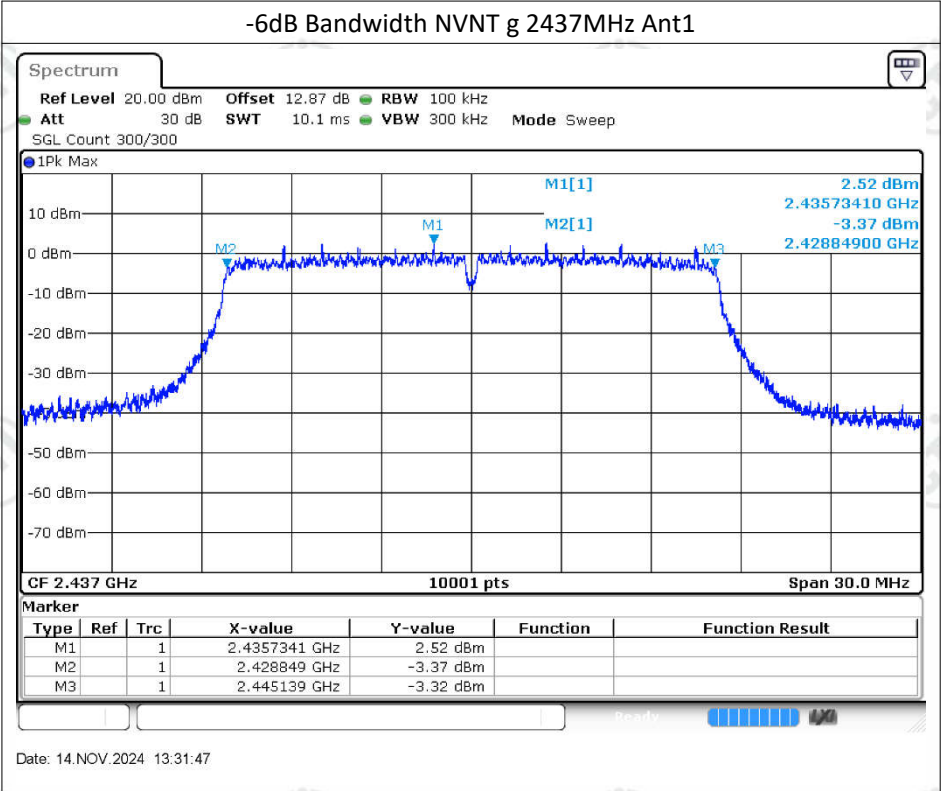
Appendix A: DTS Bandwidth

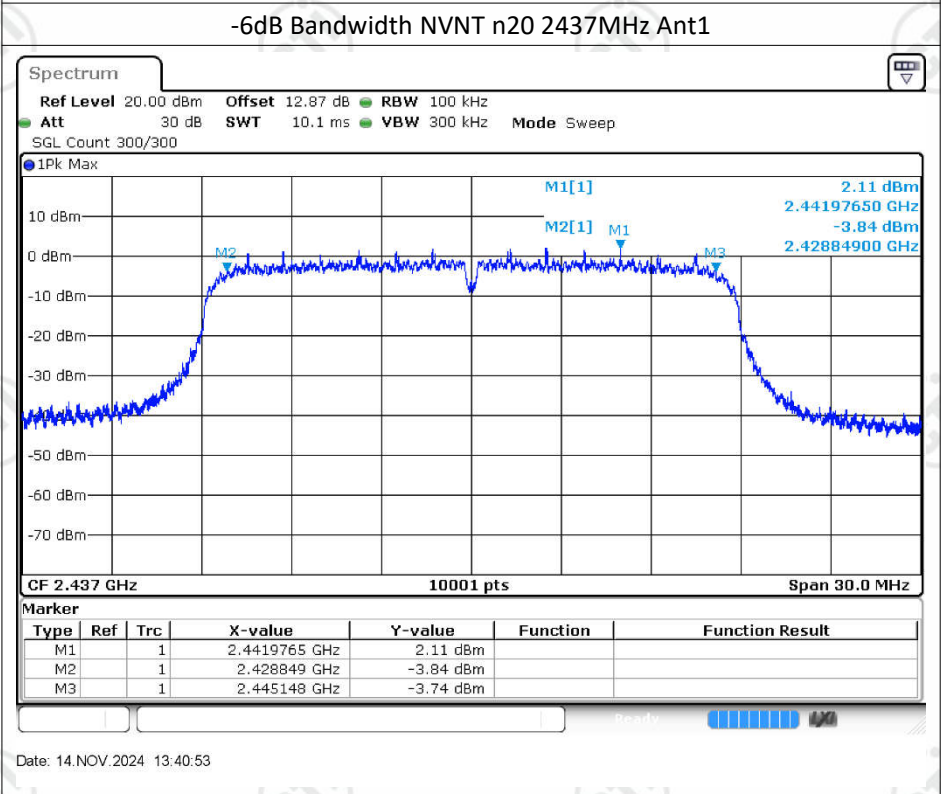
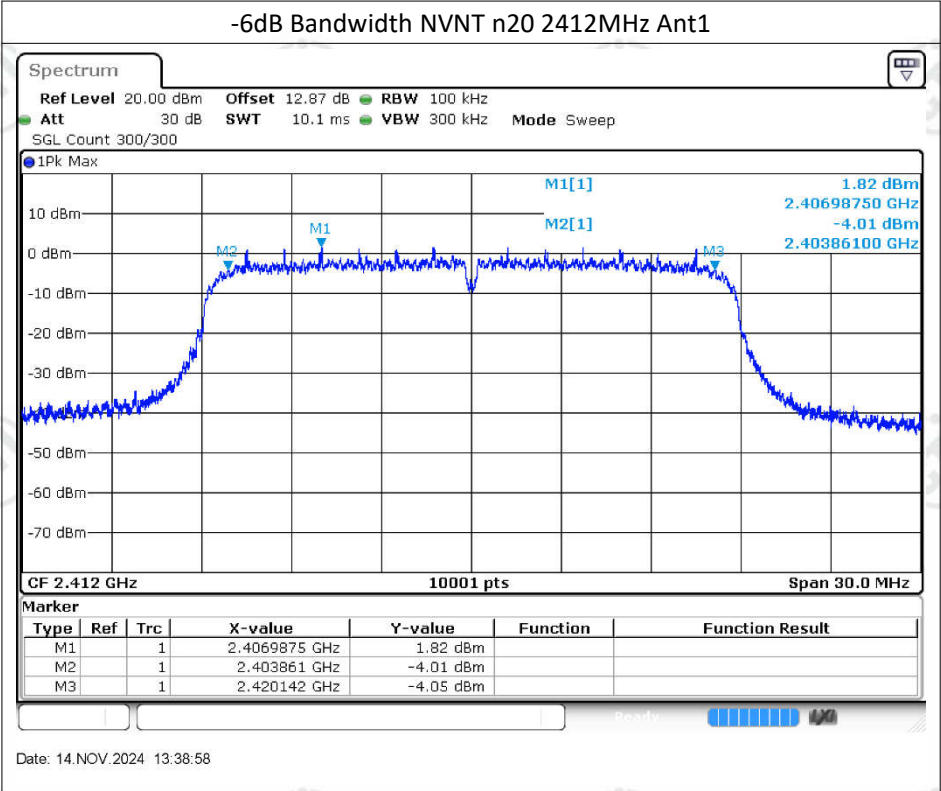
Test Result

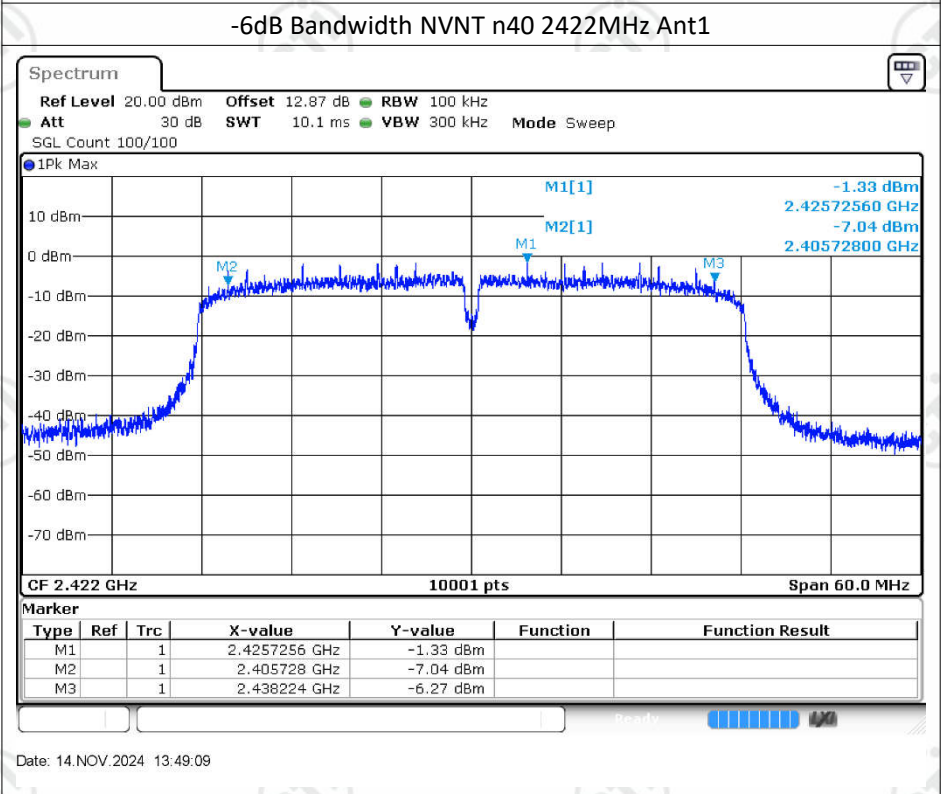
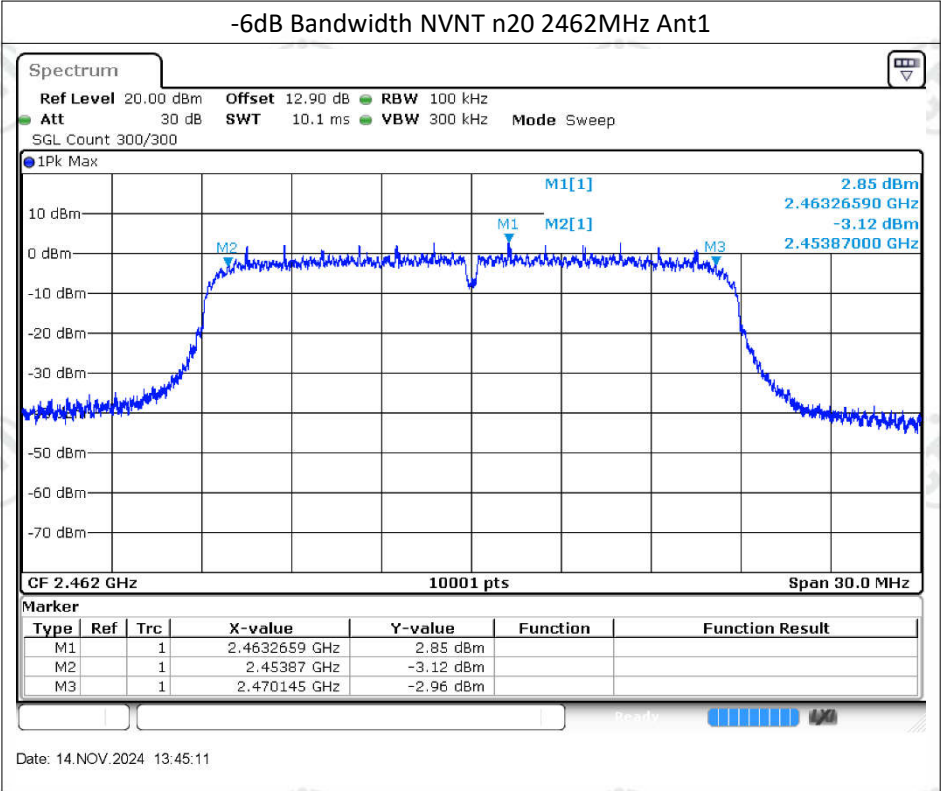
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.014	0.5	Pass
NVNT	b	2437	Ant1	8.244	0.5	Pass
NVNT	b	2462	Ant1	9.534	0.5	Pass
NVNT	g	2412	Ant1	16.311	0.5	Pass
NVNT	g	2437	Ant1	16.29	0.5	Pass
NVNT	g	2462	Ant1	16.287	0.5	Pass
NVNT	n20	2412	Ant1	16.281	0.5	Pass
NVNT	n20	2437	Ant1	16.299	0.5	Pass
NVNT	n20	2462	Ant1	16.275	0.5	Pass
NVNT	n40	2422	Ant1	32.496	0.5	Pass
NVNT	n40	2437	Ant1	32.238	0.5	Pass
NVNT	n40	2452	Ant1	33.816	0.5	Pass

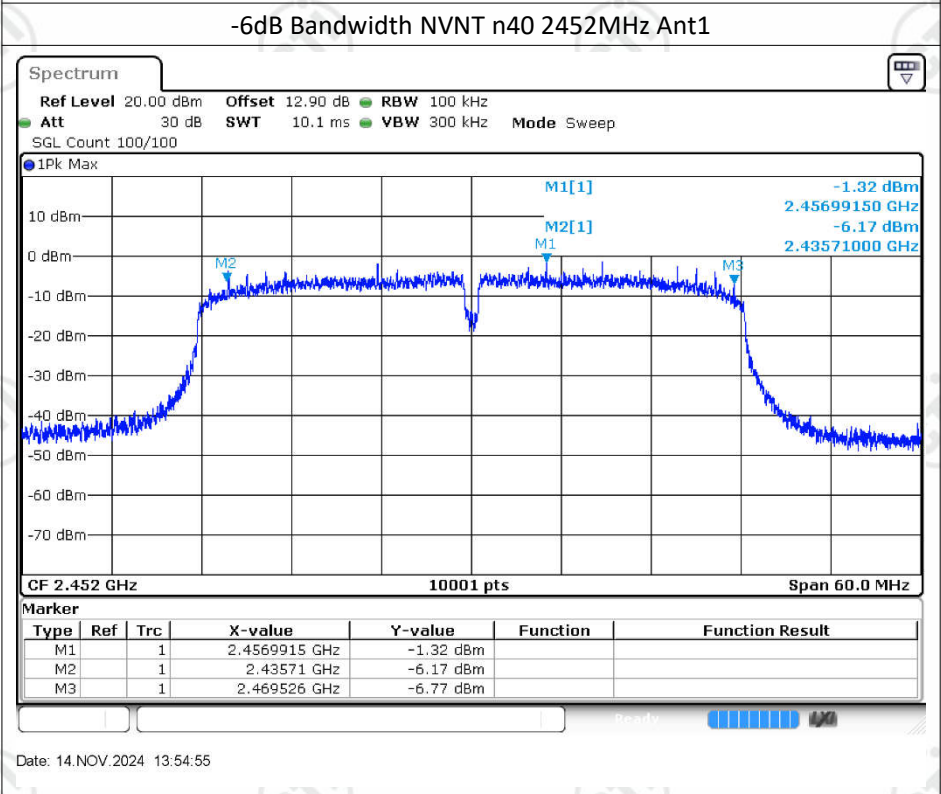
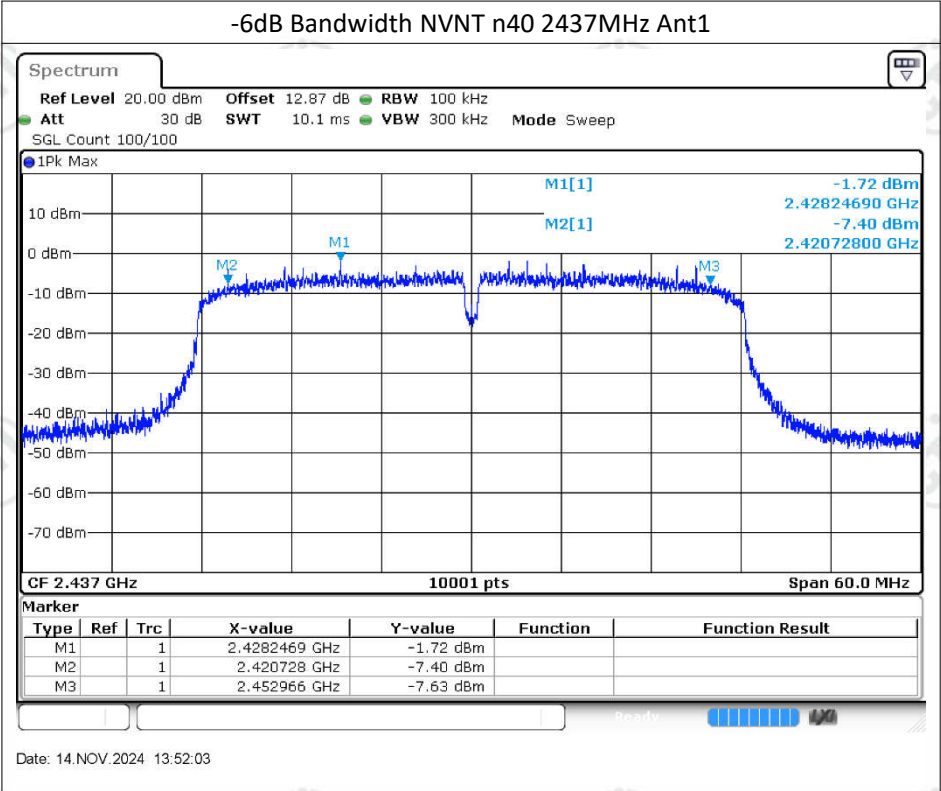








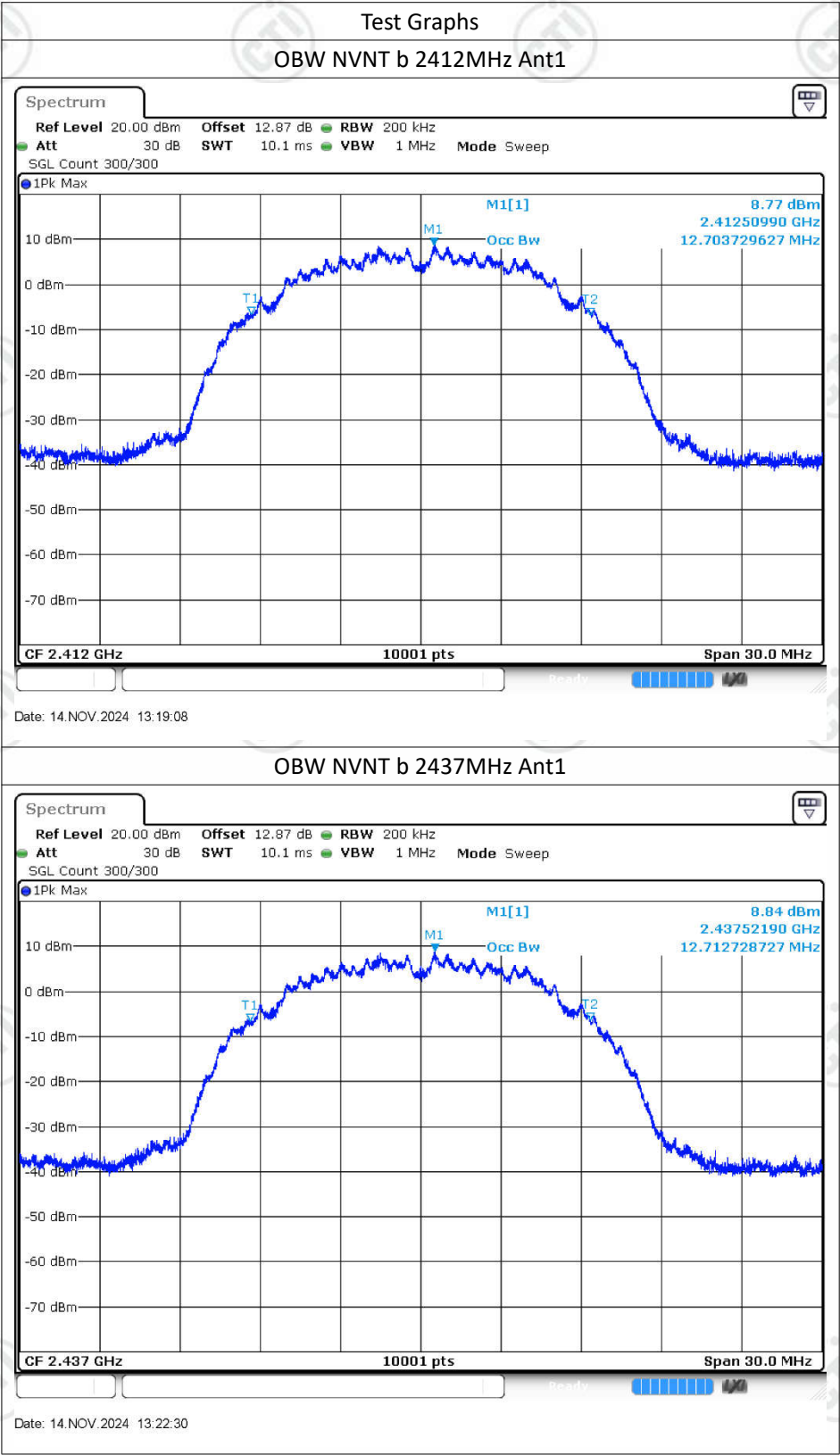


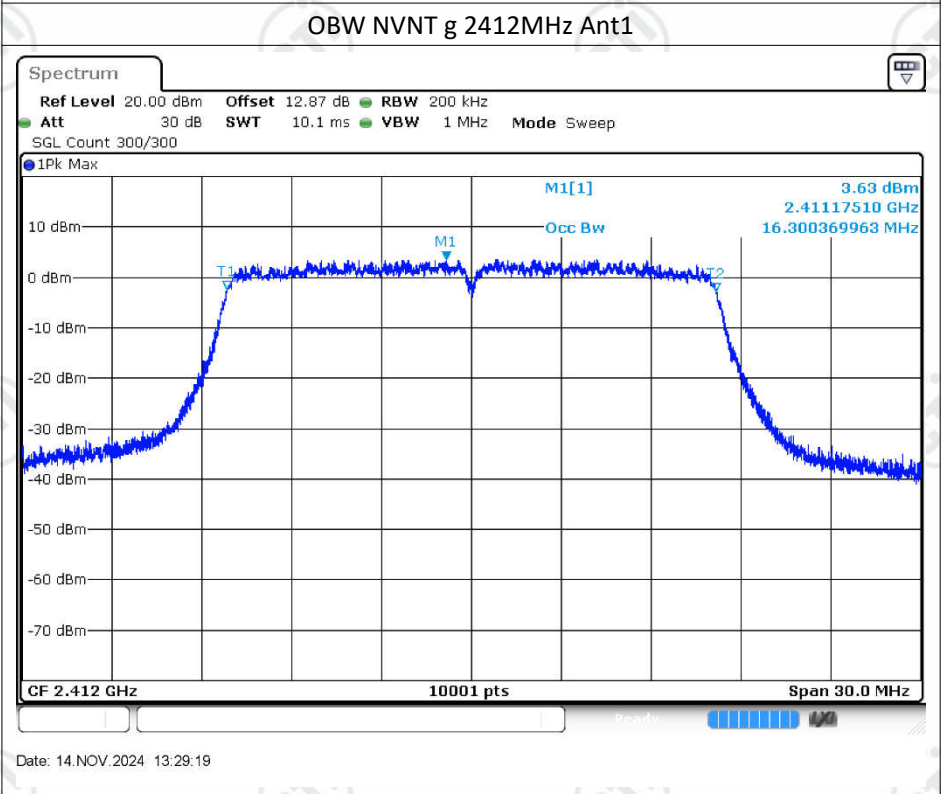
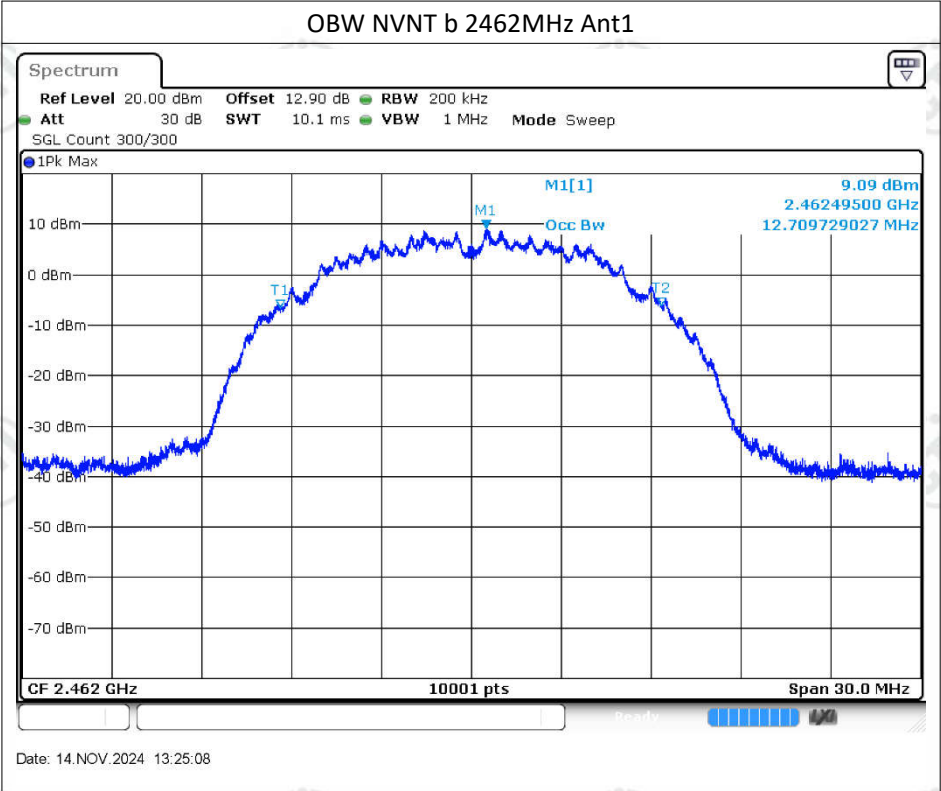


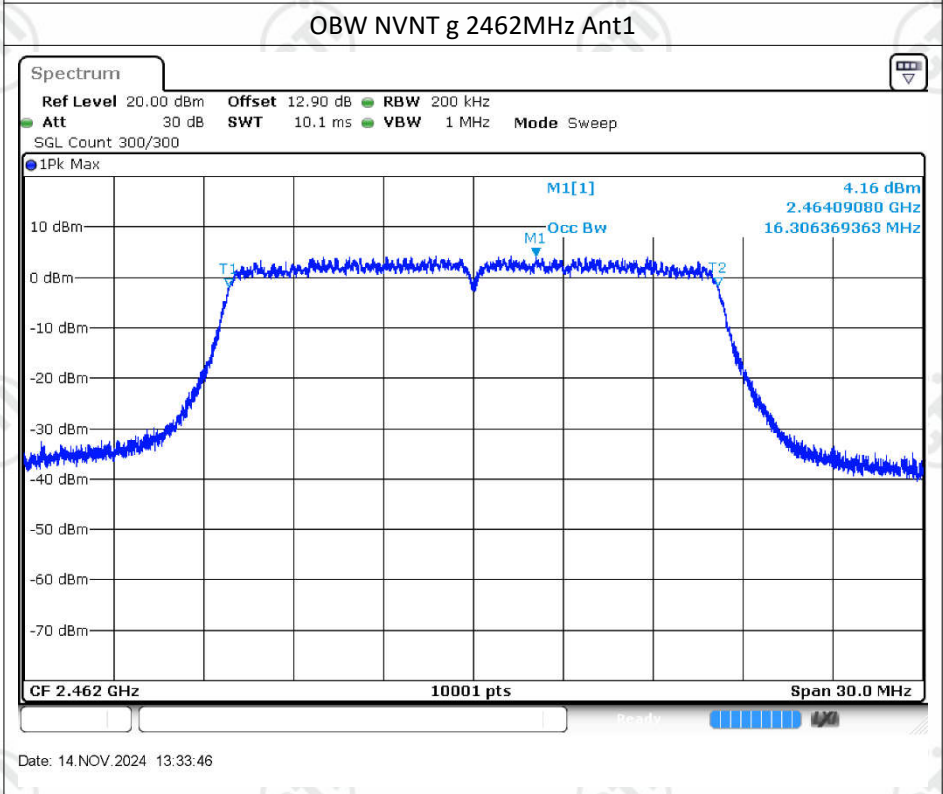
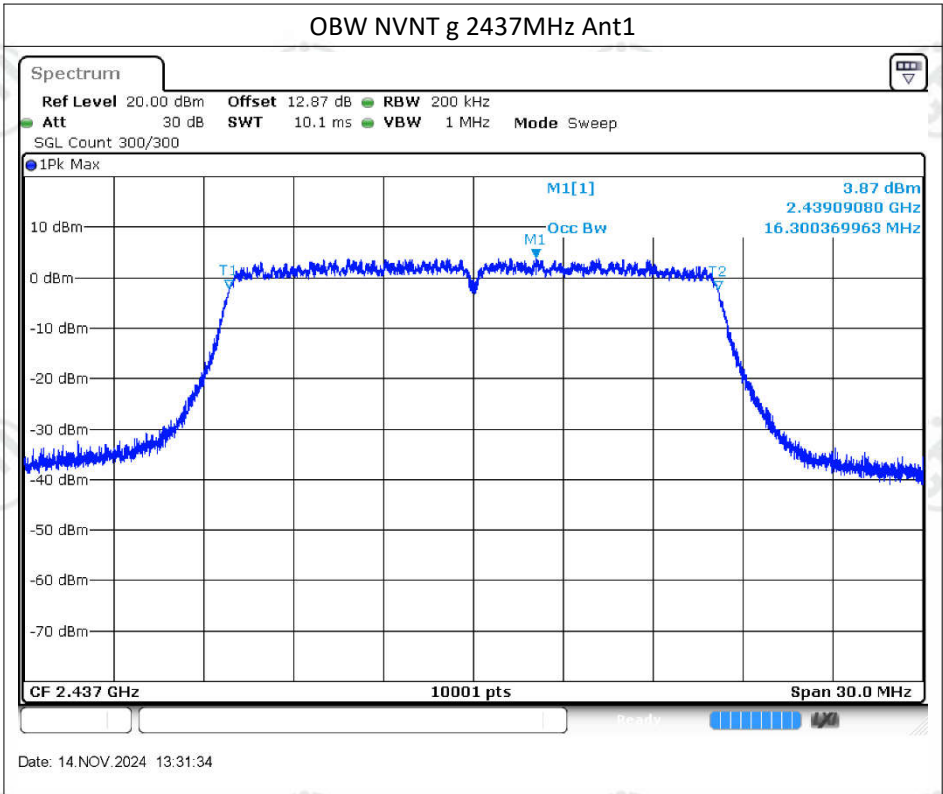
Appendix B: Occupied Channel Bandwidth

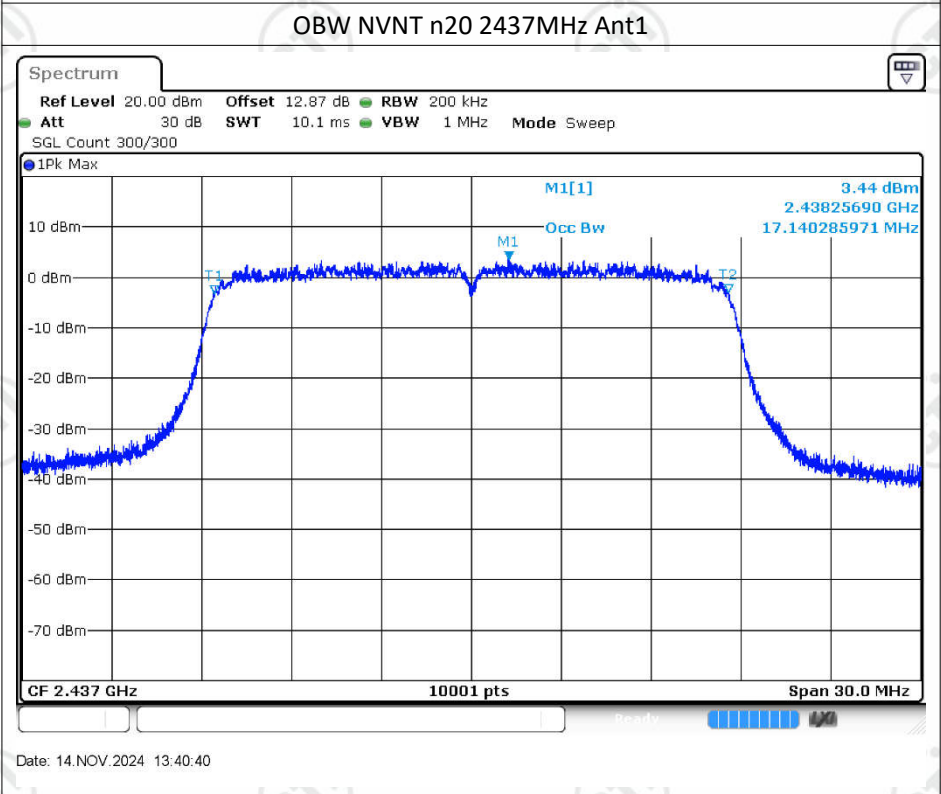
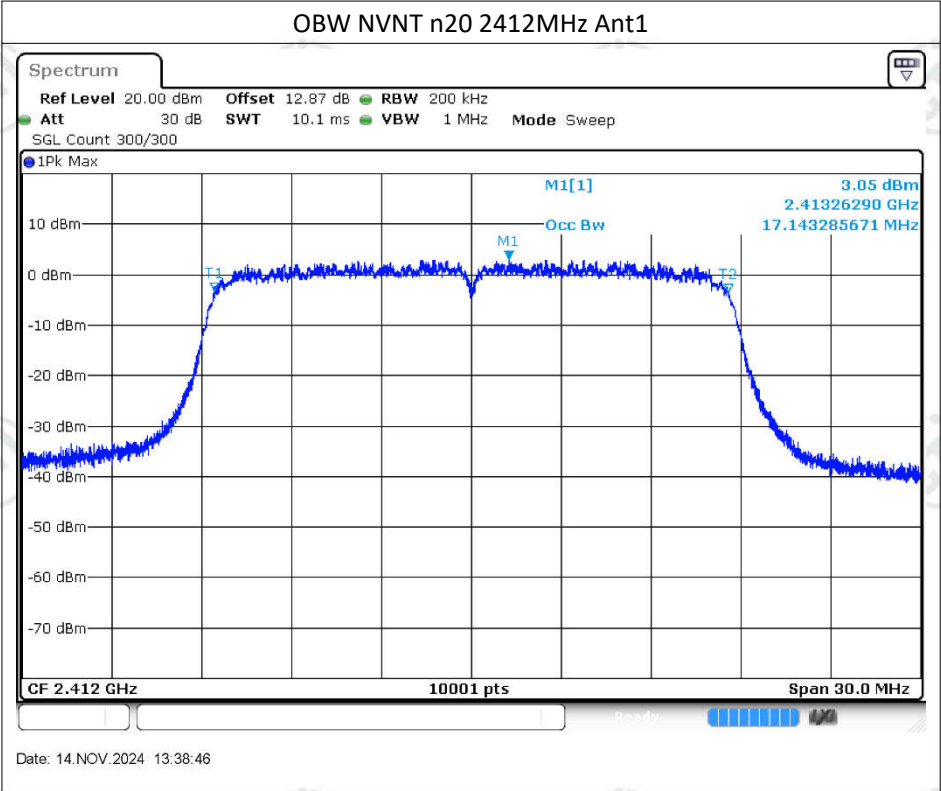
Test Result

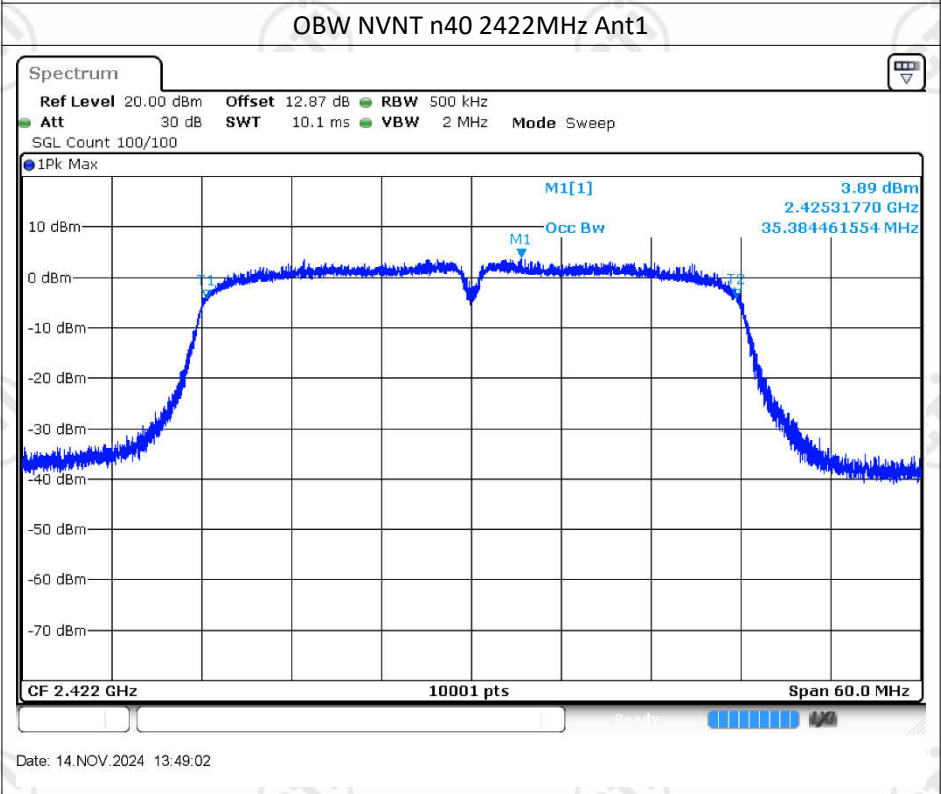
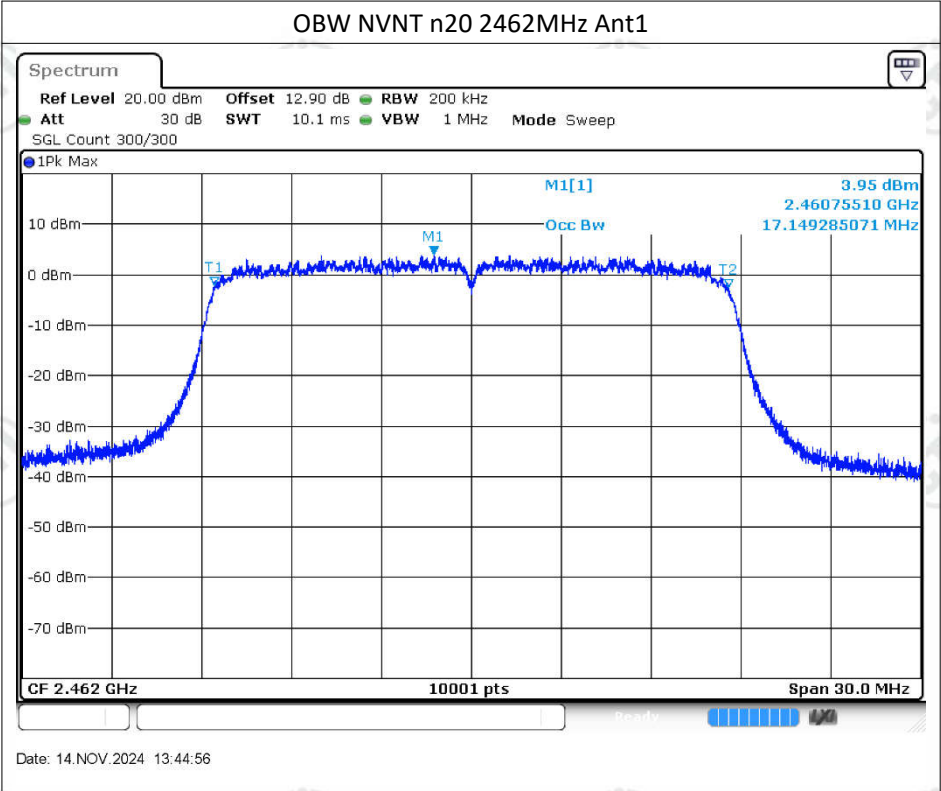
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.704
NVNT	b	2437	Ant1	12.713
NVNT	b	2462	Ant1	12.71
NVNT	g	2412	Ant1	16.3
NVNT	g	2437	Ant1	16.3
NVNT	g	2462	Ant1	16.306
NVNT	n20	2412	Ant1	17.143
NVNT	n20	2437	Ant1	17.14
NVNT	n20	2462	Ant1	17.149
NVNT	n40	2422	Ant1	35.384
NVNT	n40	2437	Ant1	35.384
NVNT	n40	2452	Ant1	35.354

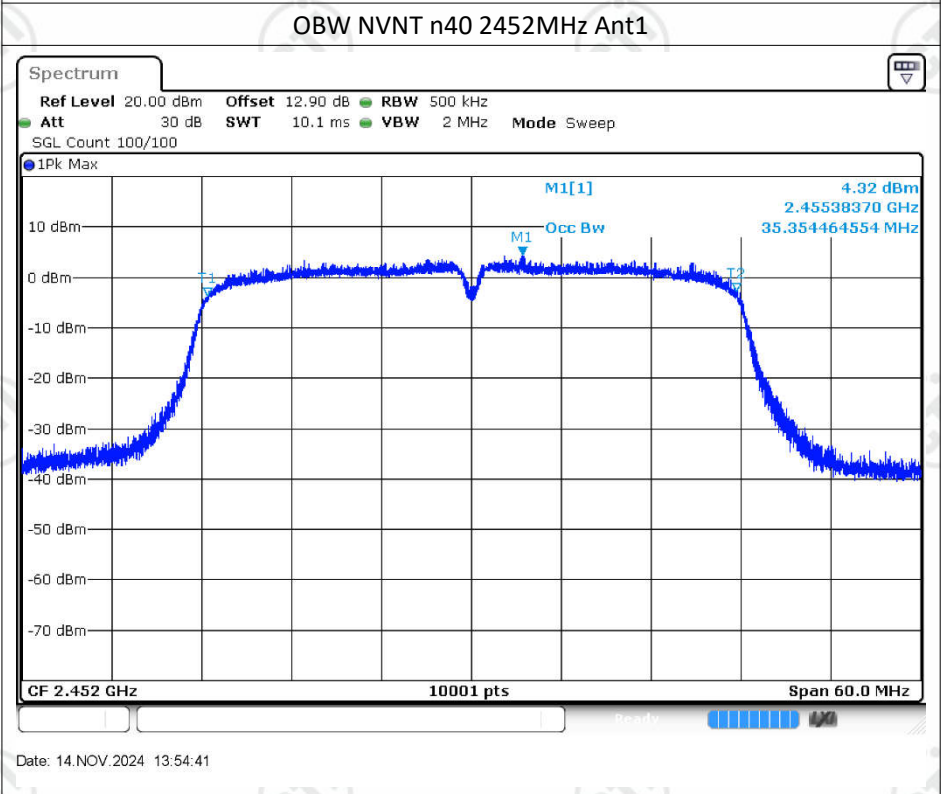
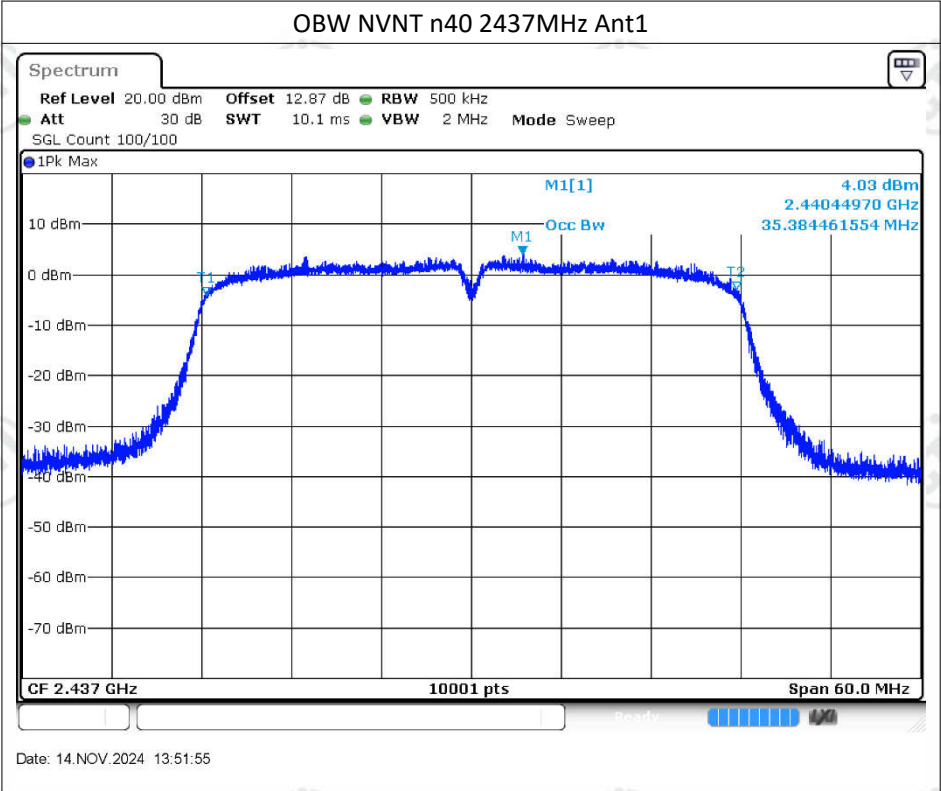












Appendix C: Maximum conducted output power

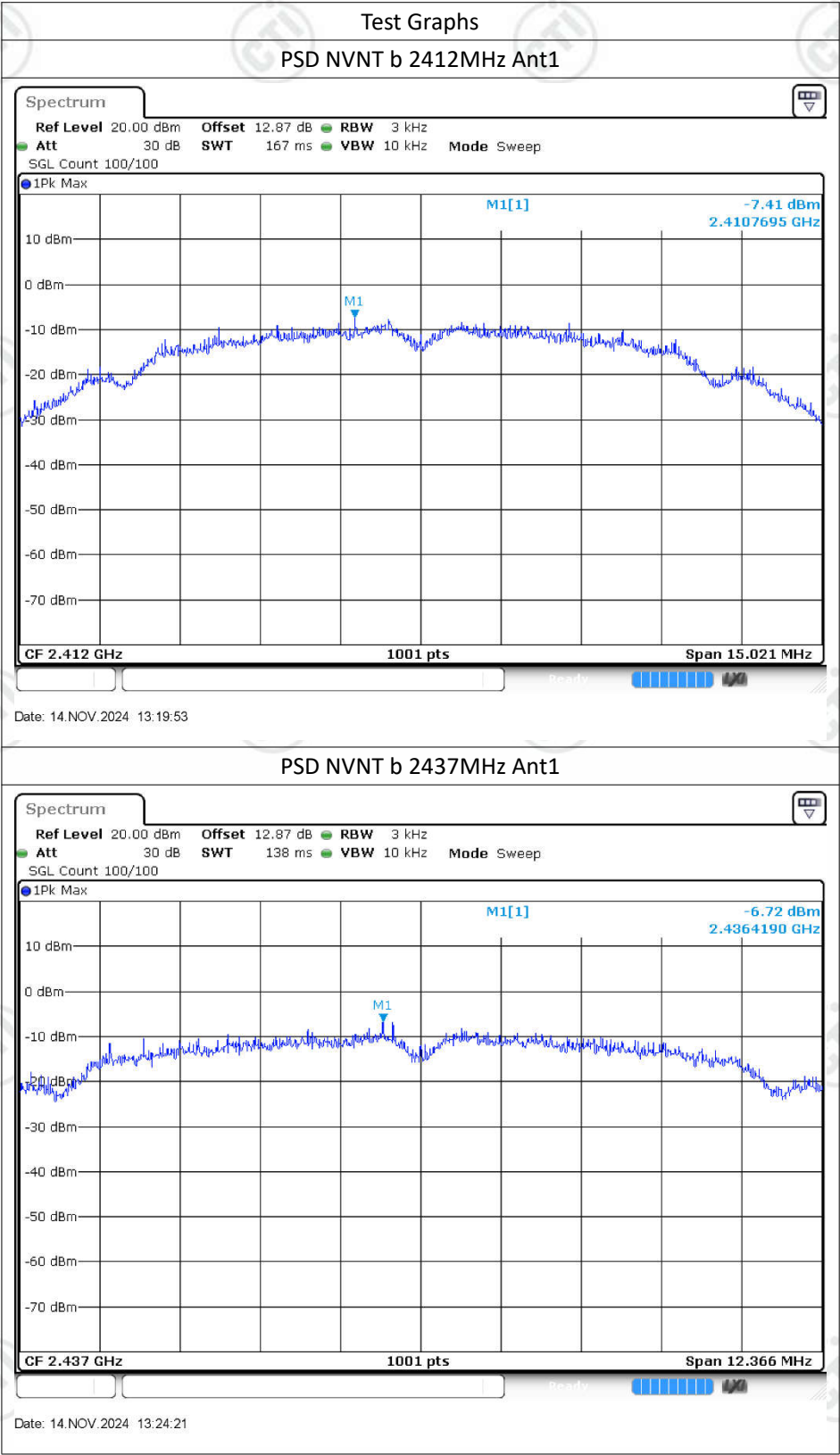
Test Result

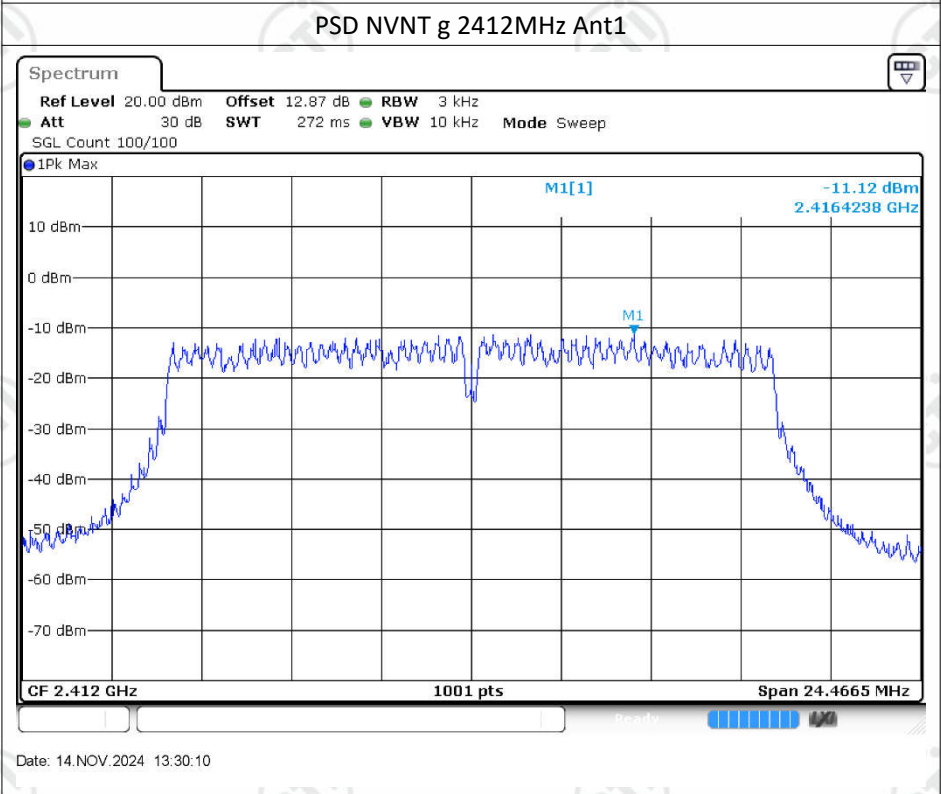
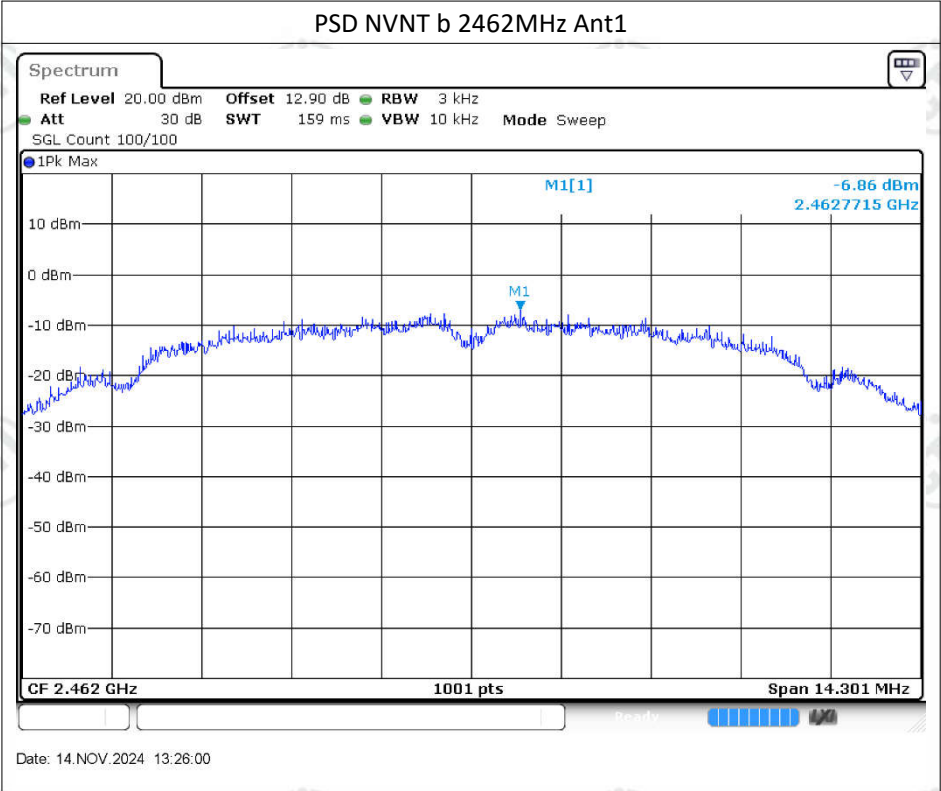
TestMode	Antenna	Frequency [MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	14.41	≤30.00	PASS
11B	Ant1	2437	14.61	≤30.00	PASS
11B	Ant1	2462	14.62	≤30.00	PASS
11G	Ant1	2412	14.13	≤30.00	PASS
11G	Ant1	2437	14.33	≤30.00	PASS
11G	Ant1	2462	14.4	≤30.00	PASS
11N20SISO	Ant1	2412	13.56	≤30.00	PASS
11N20SISO	Ant1	2437	13.84	≤30.00	PASS
11N20SISO	Ant1	2462	13.81	≤30.00	PASS
11N40SISO	Ant1	2422	12.84	≤30.00	PASS
11N40SISO	Ant1	2437	12.67	≤30.00	PASS
11N40SISO	Ant1	2452	12.89	≤30.00	PASS

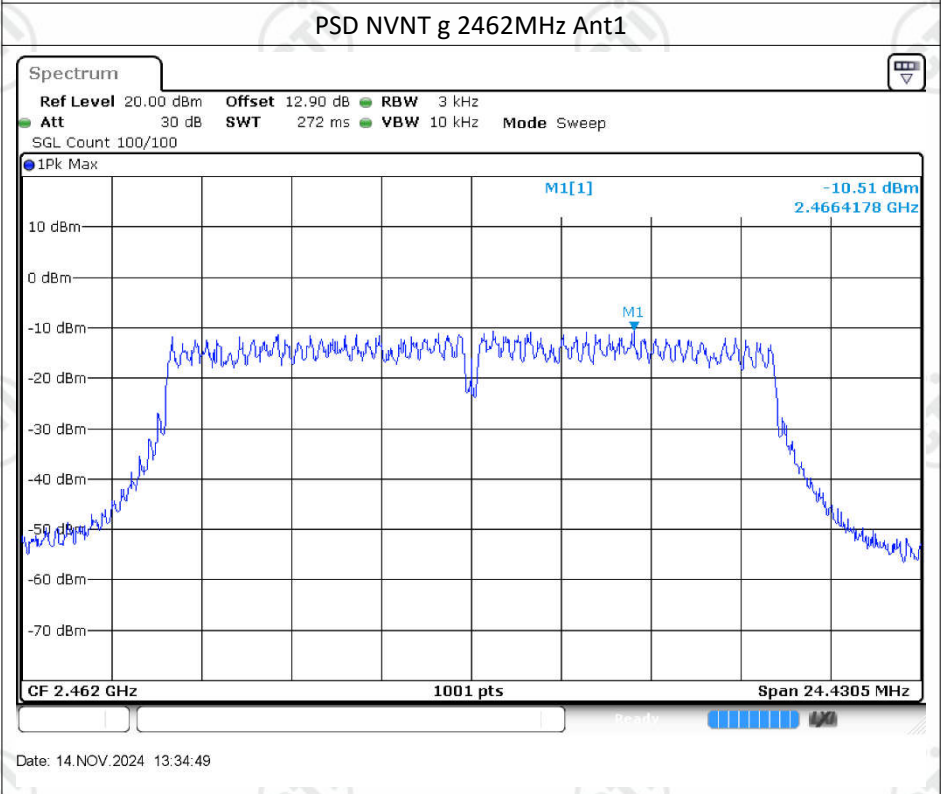
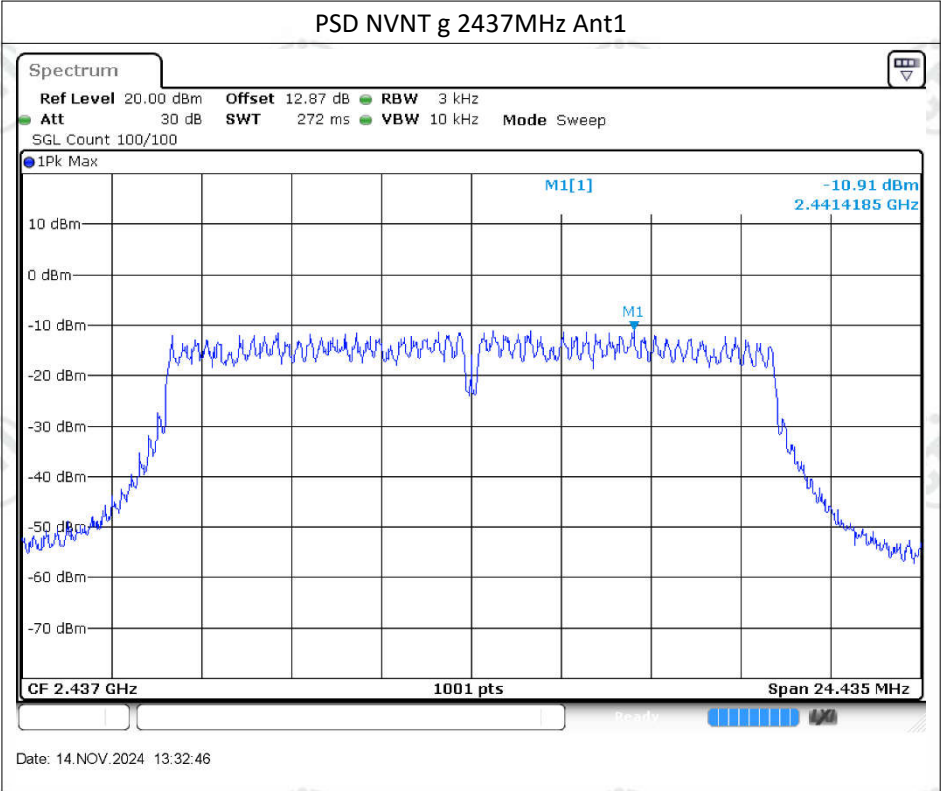
Appendix D: Maximum power spectral density

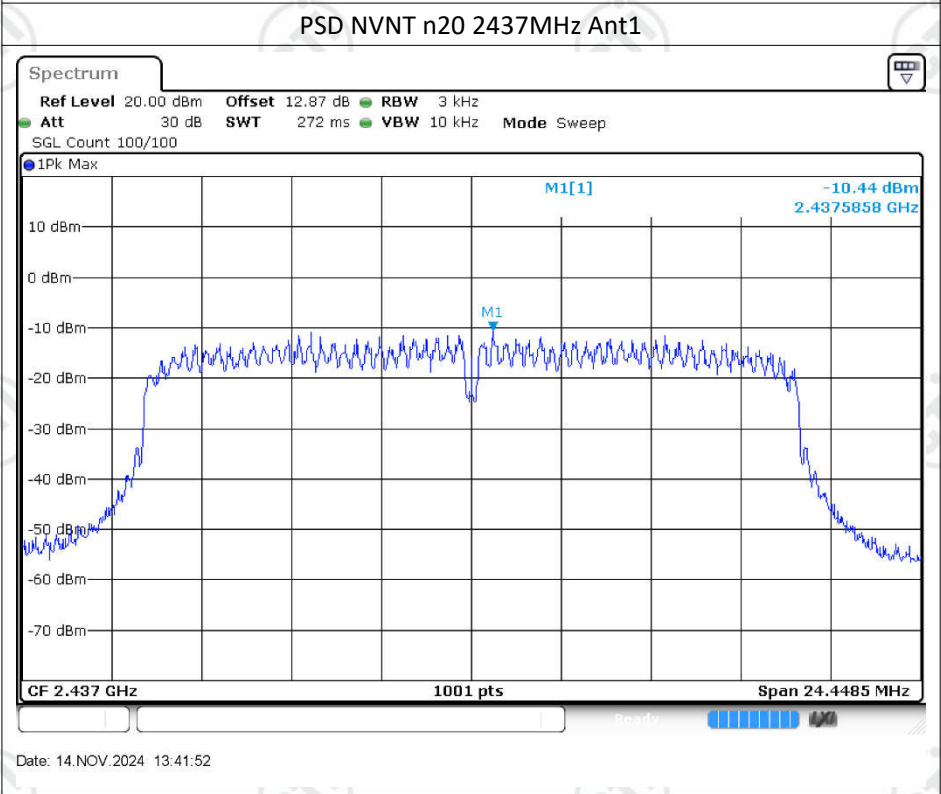
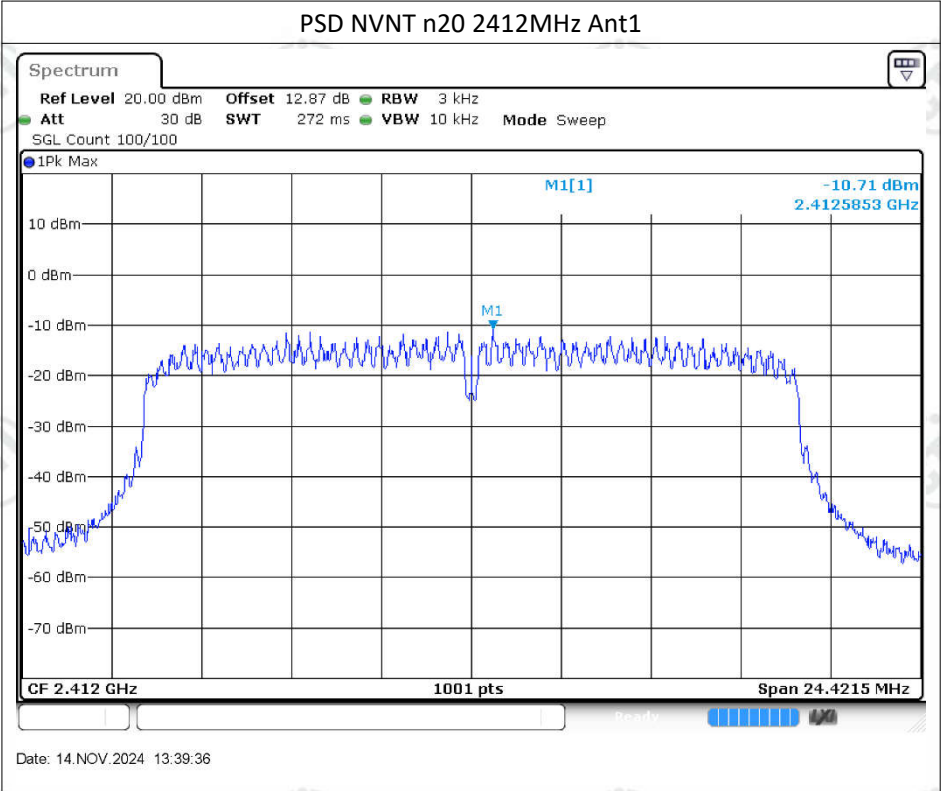
Test Result

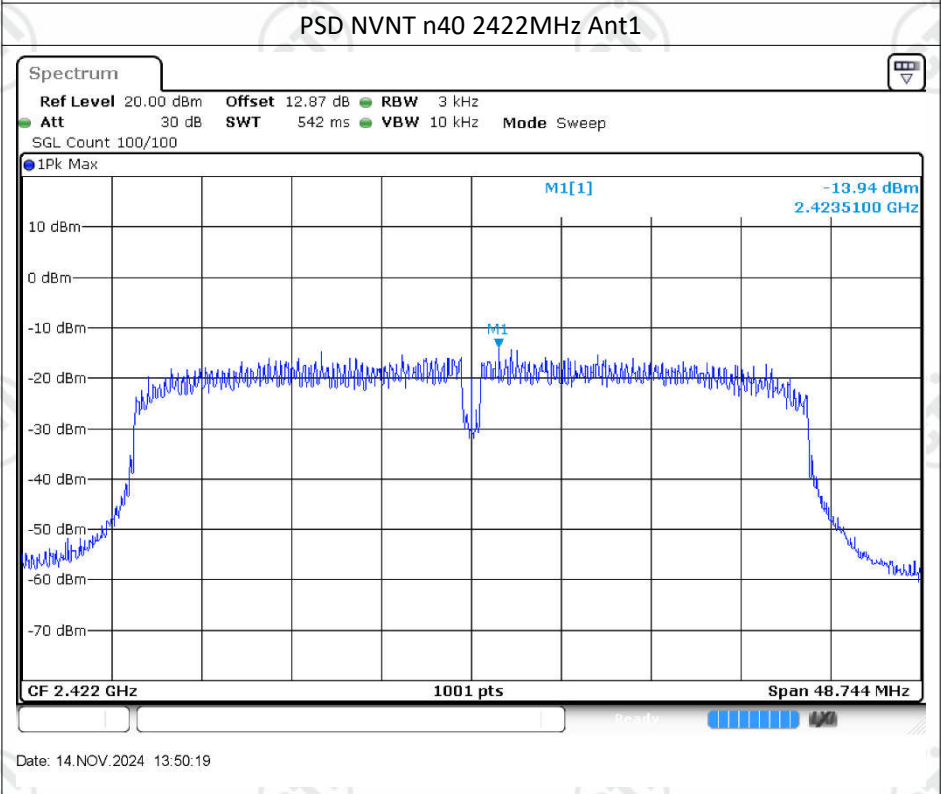
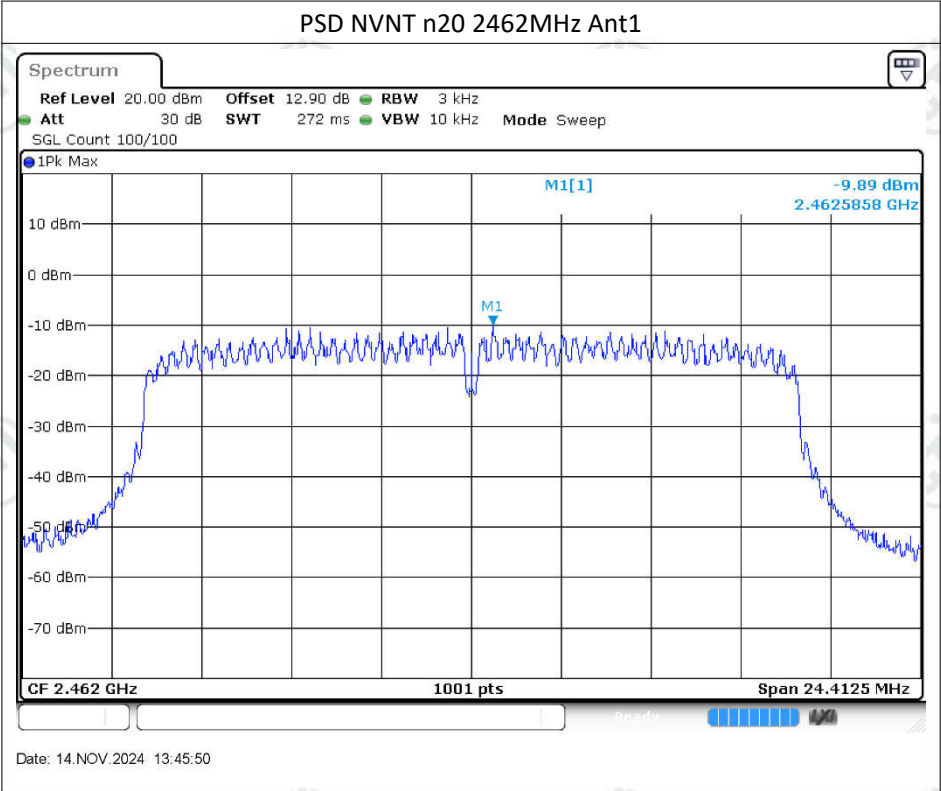
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.41	≤8.00	PASS
11B	Ant1	2437	-6.72	≤8.00	PASS
11B	Ant1	2462	-6.86	≤8.00	PASS
11G	Ant1	2412	-11.12	≤8.00	PASS
11G	Ant1	2437	-10.91	≤8.00	PASS
11G	Ant1	2462	-10.51	≤8.00	PASS
11N20SISO	Ant1	2412	-10.71	≤8.00	PASS
11N20SISO	Ant1	2437	-10.44	≤8.00	PASS
11N20SISO	Ant1	2462	-9.89	≤8.00	PASS
11N40SISO	Ant1	2422	-13.94	≤8.00	PASS
11N40SISO	Ant1	2437	-14.01	≤8.00	PASS
11N40SISO	Ant1	2452	-13.82	≤8.00	PASS

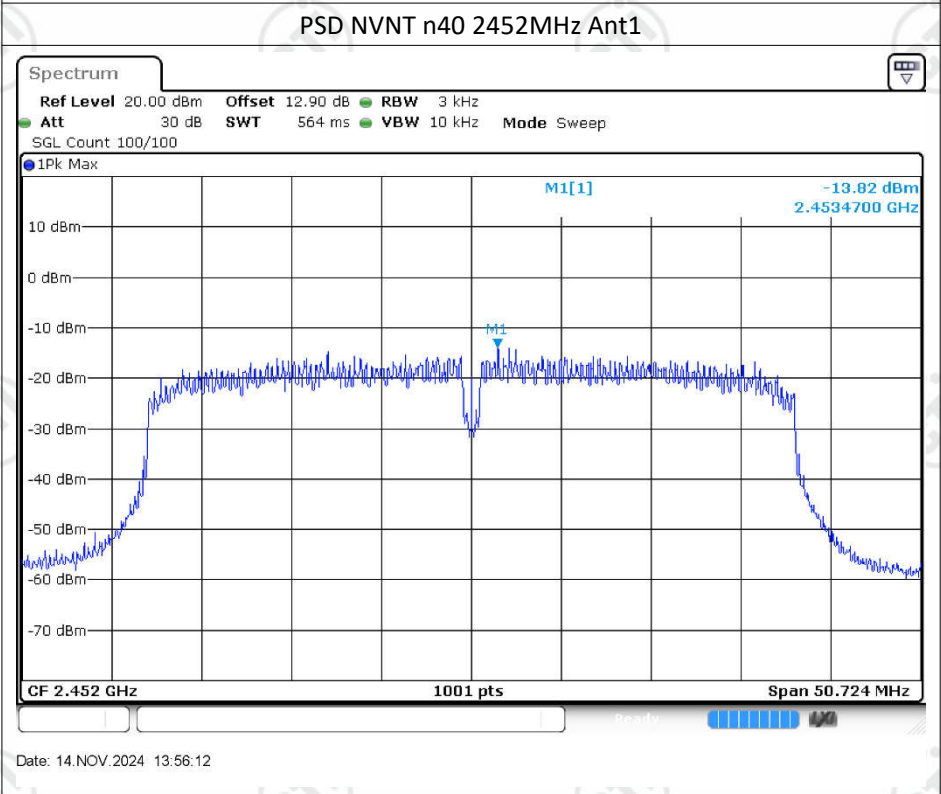
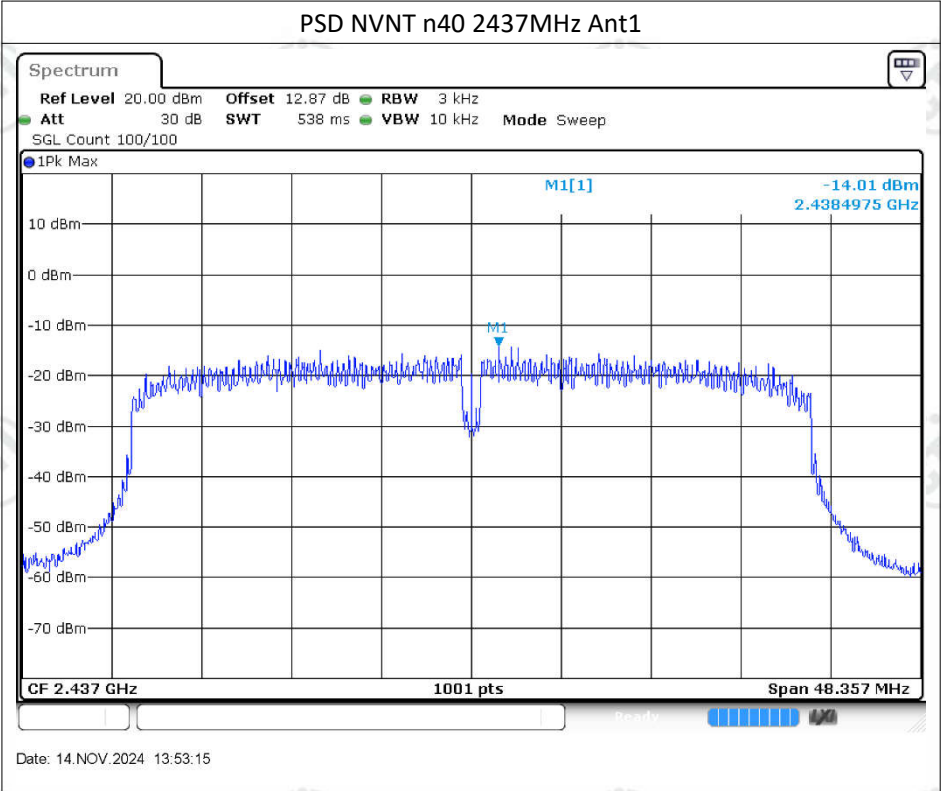












Appendix E: Band edge measurements

Test Result

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.74	-20	Pass
NVNT	b	2462	Ant1	-51.61	-20	Pass
NVNT	g	2412	Ant1	-37.05	-20	Pass
NVNT	g	2462	Ant1	-45.36	-20	Pass
NVNT	n20	2412	Ant1	-37.4	-20	Pass
NVNT	n20	2462	Ant1	-45.94	-20	Pass
NVNT	n40	2422	Ant1	-37.36	-20	Pass
NVNT	n40	2452	Ant1	-40.66	-20	Pass

