

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)
11B-CDD	8.37	8.98	0.9321	93.21	0.31	0.12	1
11G-CDD	1.38	2	0.6900	69.00	1.61	0.72	1
11N20MIMO	1.30	1.92	0.6771	67.71	1.69	0.77	1
11N40MIMO	0.64	1.27	0.5039	50.39	2.98	1.56	2
11AX20MIMO	3.88	4.60	0.8435	84.35	0.74	0.26	1
11AX40MIMO	1.98	2.69	0.7361	73.61	1.33	0.51	1

Test Mode	RuSize	Rulndex	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)
11AX20MIMO	26Tone	RU0	1.59	1.64	0.9695	96.95	0.13	0.63	1
	52Tone	RU37	1.52	1.56	0.9744	97.44	0.11	0.66	1
	106Tone	RU53	1.39	1.44	0.9653	96.53	0.15	0.72	1
	26Tone	RU4	1.6	1.64	0.9756	97.56	0.11	0.63	1
	52Tone	RU38	1.51	1.55	0.9742	97.42	0.11	0.66	1
	26Tone	RU8	1.6	1.64	0.9756	97.56	0.11	0.63	1
	52Tone	RU40	1.51	1.55	0.9742	97.42	0.11	0.66	1
	106Tone	RU54	1.39	1.43	0.9720	97.20	0.12	0.72	1

Note:

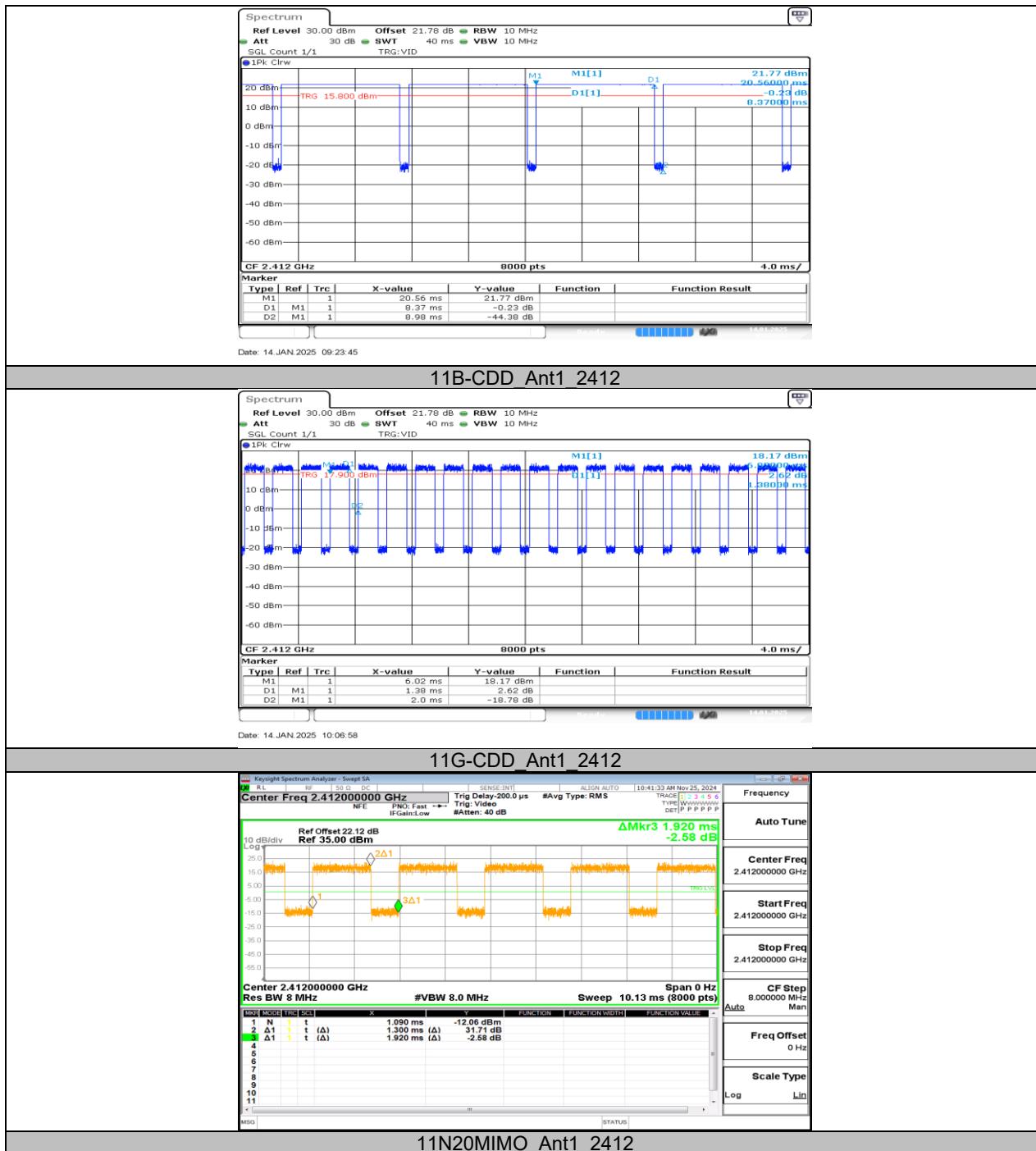
Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

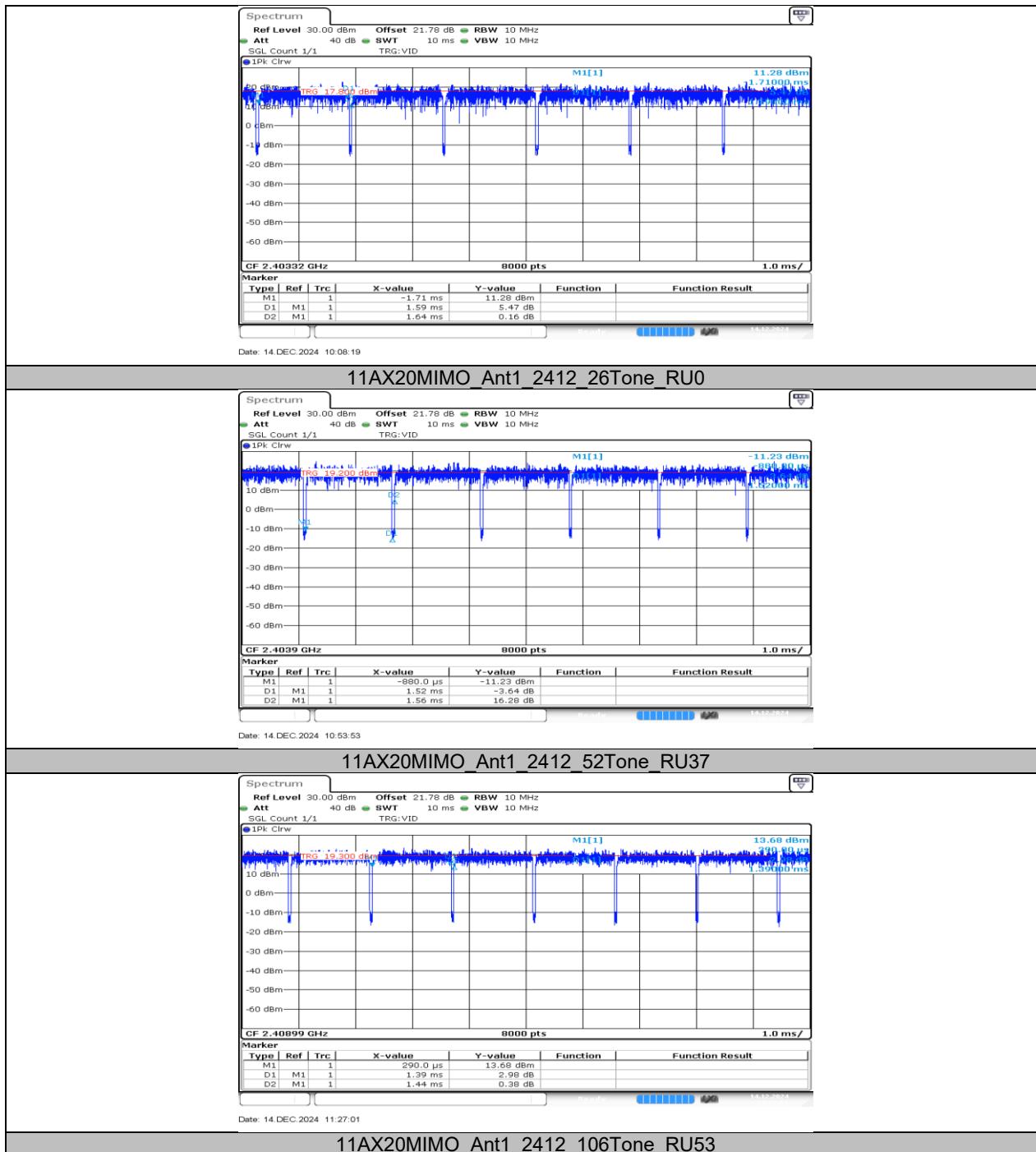
Where: T is On Time

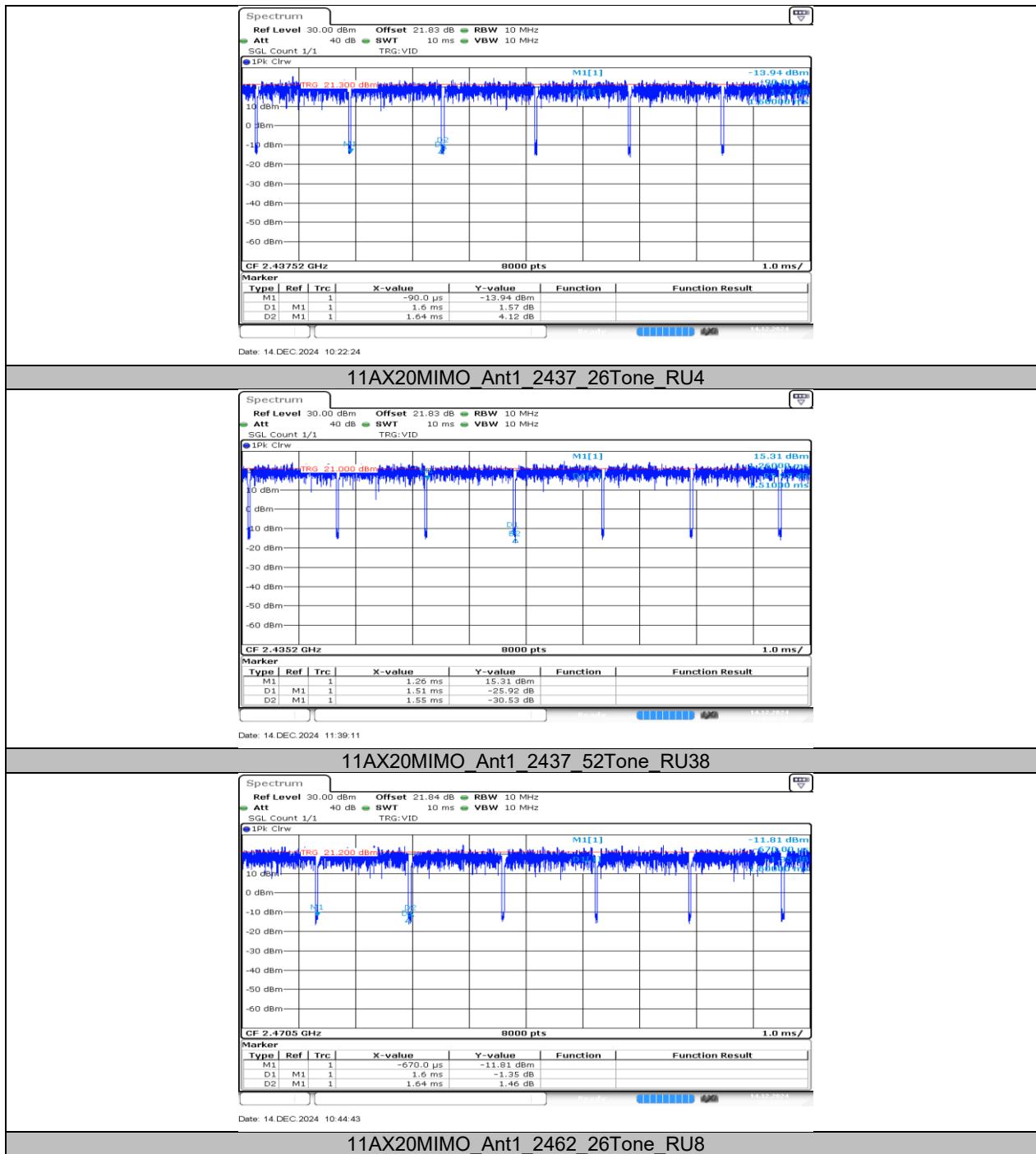
If that calculated VBW is not available on the analyzer then the next higher value should be used.

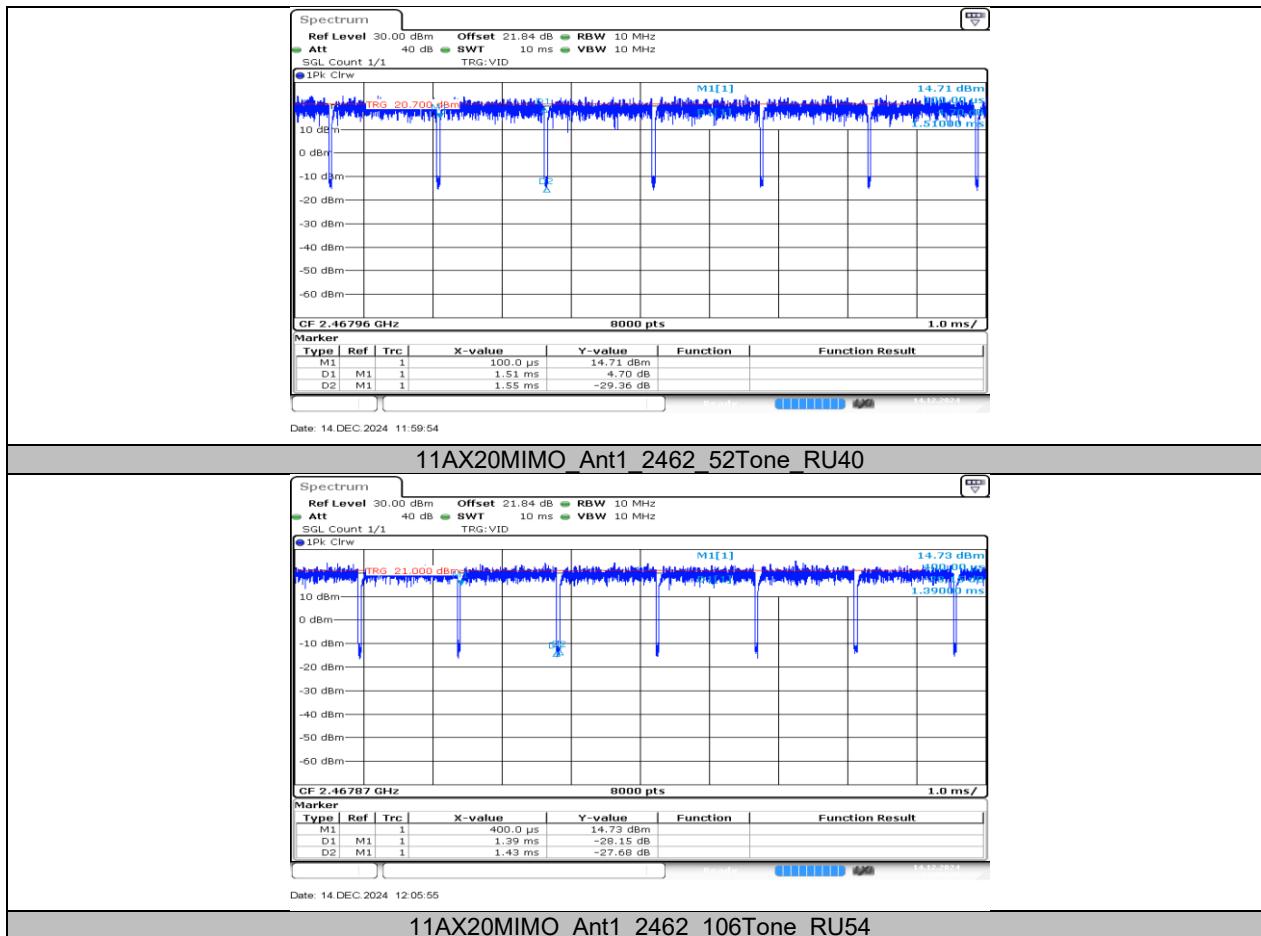
11.7.2. Test Graphs











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