

11.5. APPENDIX E: BAND EDGE MEASUREMENTS

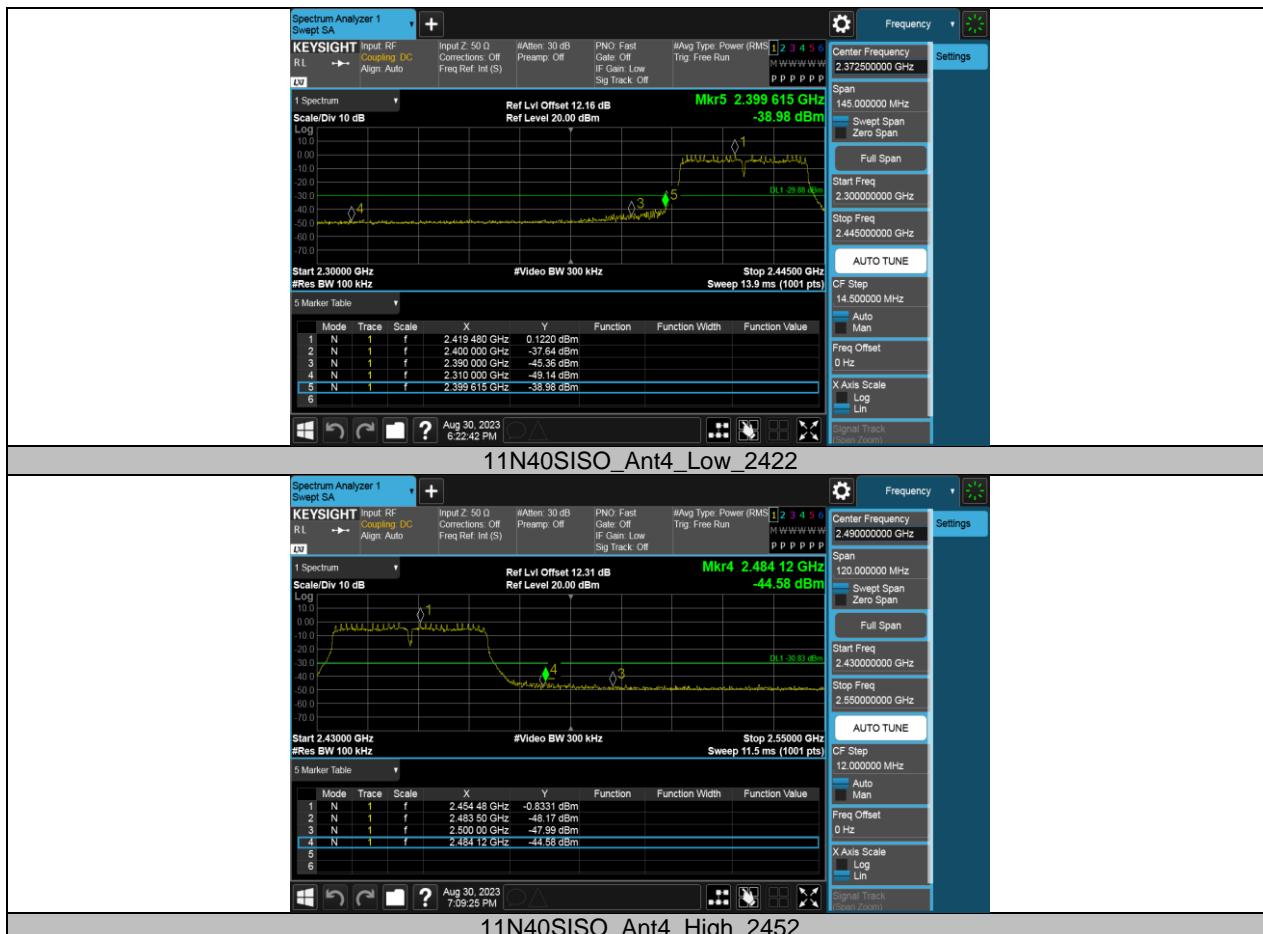
11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant4	Low	2412	8.54	-25.72	≤-21.46	PASS
		High	2462	7.33	-46.2	≤-22.67	PASS
11G	Ant4	Low	2412	4.52	-34.13	≤-25.48	PASS
		High	2462	4.71	-44.15	≤-25.29	PASS
11N20SISO	Ant4	Low	2412	2.98	-36.92	≤-27.02	PASS
		High	2462	2.64	-46.65	≤-27.36	PASS
11N40SISO	Ant4	Low	2422	0.12	-38.98	≤-29.88	PASS
		High	2452	-0.83	-44.58	≤-30.83	PASS

11.5.2. Test Graphs







11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant4	2412	Reference	6.61	---	PASS
			30~1000	-58.61	≤-23.39	PASS
			1000~26500	-49.79	≤-23.39	PASS
		2437	Reference	5.25	---	PASS
			30~1000	-58.16	≤-24.75	PASS
			1000~26500	-49.62	≤-24.75	PASS
		2462	Reference	6.14	---	PASS
			30~1000	-57.16	≤-23.86	PASS
			1000~26500	-49.58	≤-23.86	PASS
11G	Ant4	2412	Reference	3.80	---	PASS
			30~1000	-58.71	≤-26.2	PASS
			1000~26500	-48.81	≤-26.2	PASS
		2437	Reference	2.64	---	PASS
			30~1000	-57.08	≤-27.36	PASS
			1000~26500	-48.87	≤-27.36	PASS
		2462	Reference	1.18	---	PASS
			30~1000	-58.35	≤-28.82	PASS
			1000~26500	-49.45	≤-28.82	PASS
11N20SISO	Ant4	2412	Reference	0.82	---	PASS
			30~1000	-59.15	≤-29.18	PASS
			1000~26500	-49.65	≤-29.18	PASS
		2437	Reference	0.70	---	PASS
			30~1000	-58.61	≤-29.3	PASS
			1000~26500	-49.54	≤-29.3	PASS
		2462	Reference	-1.64	---	PASS
			30~1000	-58.66	≤-31.64	PASS
			1000~26500	-49.16	≤-31.64	PASS
11N40SISO	Ant4	2422	Reference	-0.46	---	PASS
			30~1000	-58.45	≤-30.46	PASS
			1000~26500	-50.26	≤-30.46	PASS
		2437	Reference	-1.61	---	PASS
			30~1000	-58.23	≤-31.61	PASS
			1000~26500	-49.81	≤-31.61	PASS
		2452	Reference	-1.39	---	PASS
			30~1000	-57.77	≤-31.39	PASS
			1000~26500	-48.92	≤-31.39	PASS

11.6.2. Test Graphs









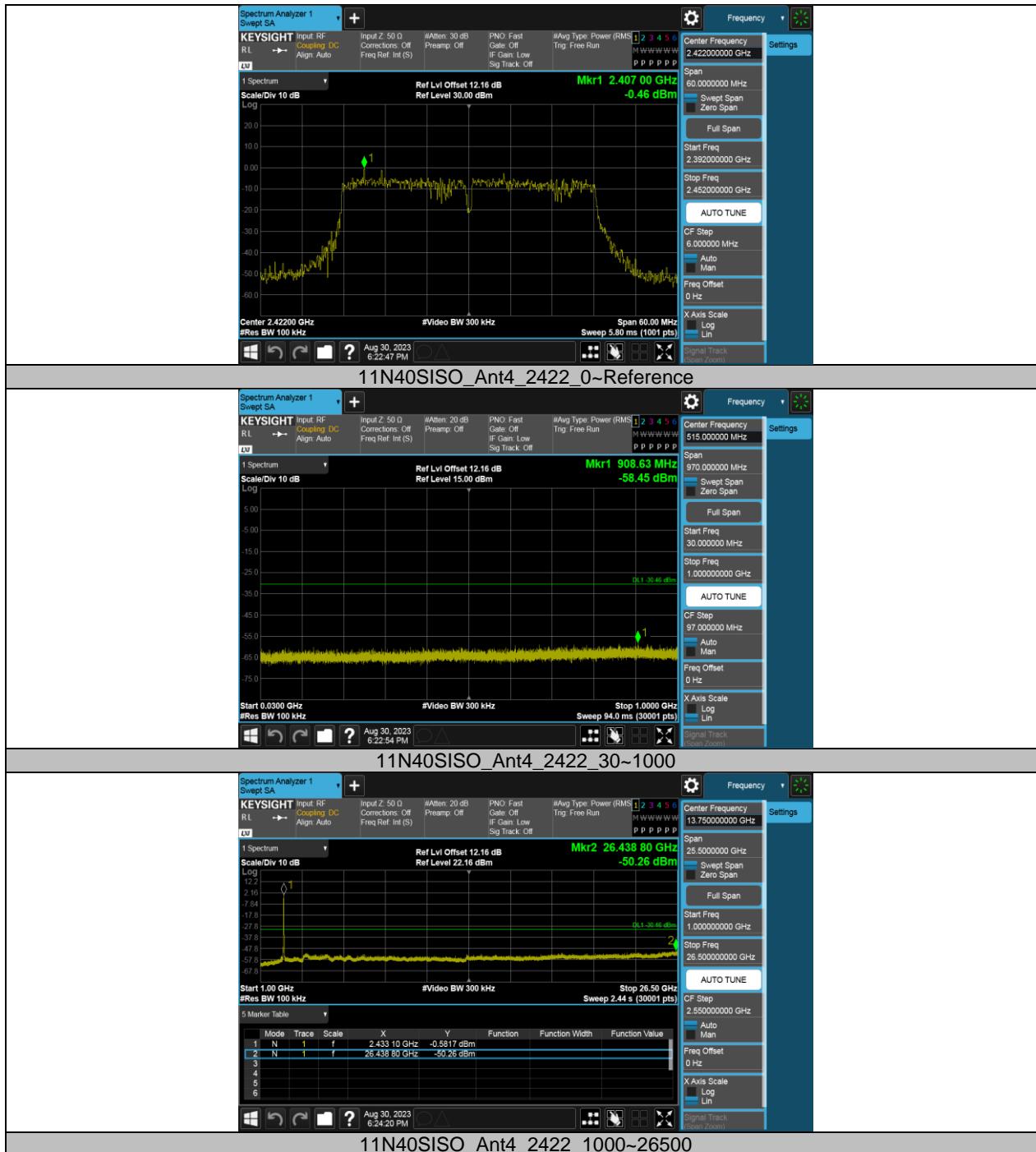
















11.7. APPENDIX G: DUTY CYCLE

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	8.19	9.19	0.8912	89.12	0.50	0.12	1
11G	1.36	1.41	0.9645	96.45	0.16	0.74	1
11N20SISO	1.28	1.33	0.9624	96.24	0.17	0.78	1
11N40SISO	0.63	0.68	0.9265	92.65	0.33	1.59	2

Note:

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

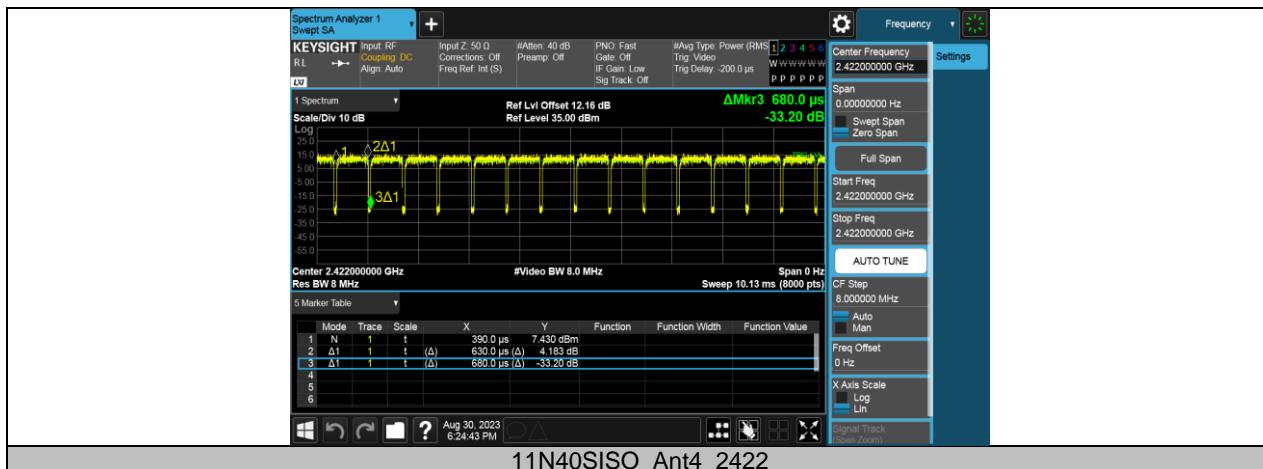
Where: x is Duty Cycle (Linear)

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