

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.676	2401.624	2402.300	0.5	PASS
		2440	0.664	2439.616	2440.280	0.5	PASS
		2480	0.652	2479.628	2480.280	0.5	PASS
BLE_2M	Ant1	2402	1.152	2401.380	2402.532	0.5	PASS
		2440	1.144	2439.392	2440.536	0.5	PASS
		2480	1.132	2479.400	2480.532	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440





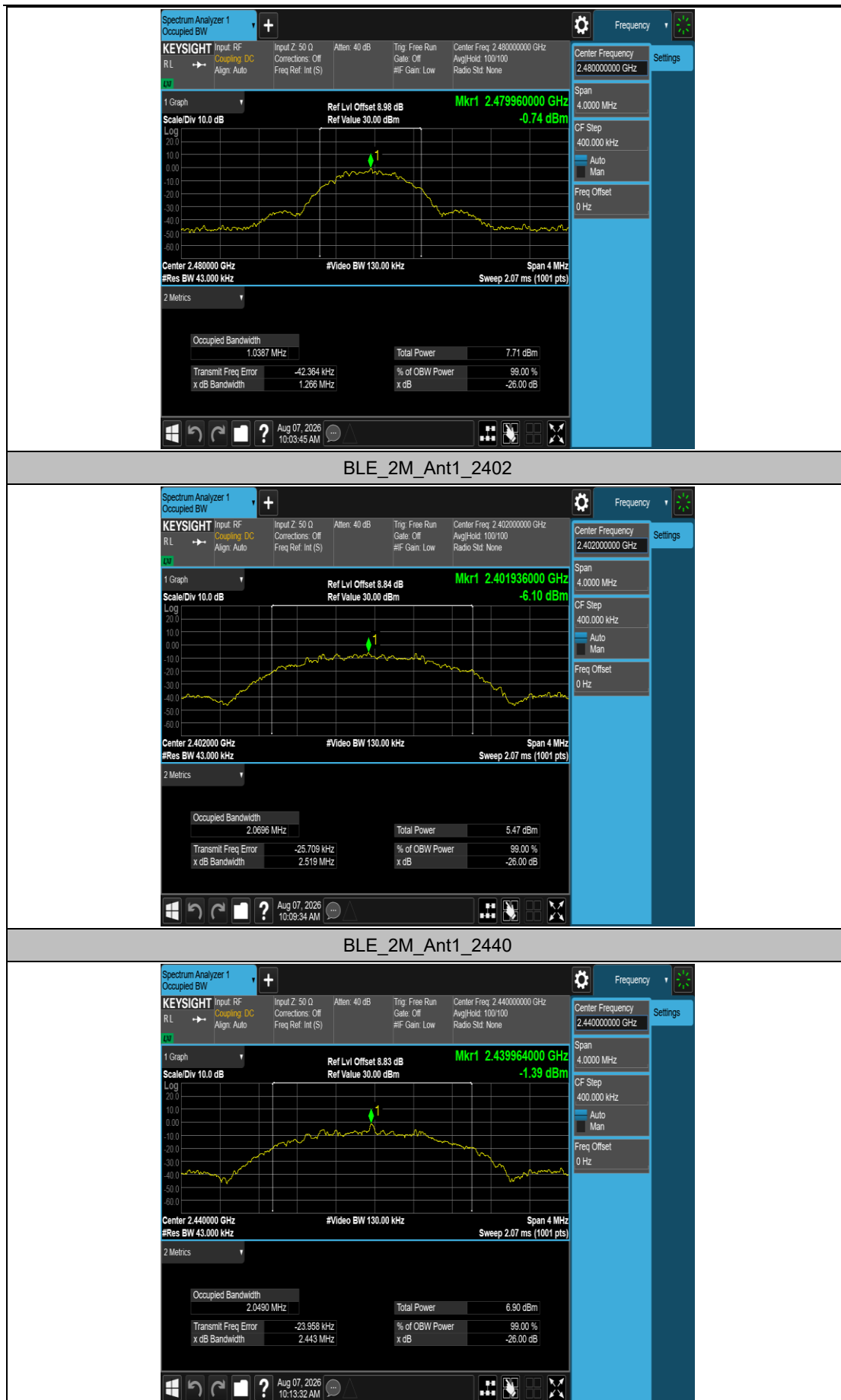
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0254	2401.4436	2402.4690	---	---
		2440	1.0305	2439.4411	2440.4716	---	---
		2480	1.0387	2479.4383	2480.4770	---	---
BLE_2M	Ant1	2402	2.0696	2400.9395	2403.0091	---	---
		2440	2.0490	2438.9515	2441.0005	---	---
		2480	2.0634	2478.9424	2481.0058	---	---

Test Graphs





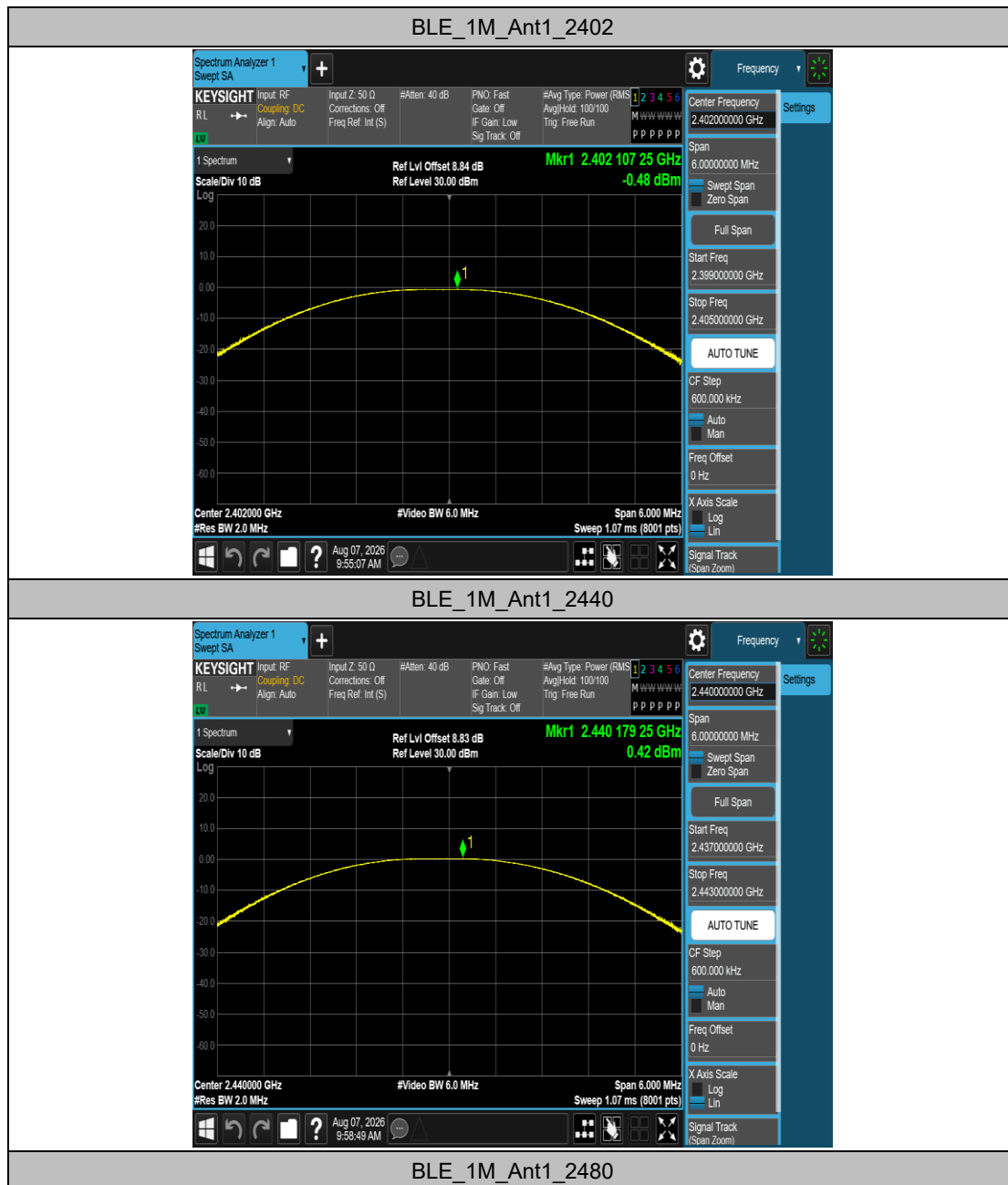


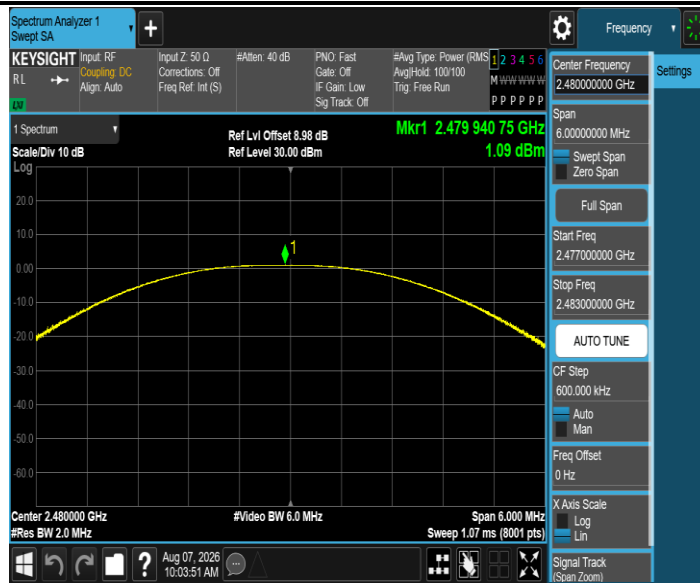
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.48	≤30	PASS
		2440	0.42	≤30	PASS
		2480	1.09	≤30	PASS
BLE_2M	Ant1	2402	-0.38	≤30	PASS
		2440	0.53	≤30	PASS
		2480	1.22	≤30	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



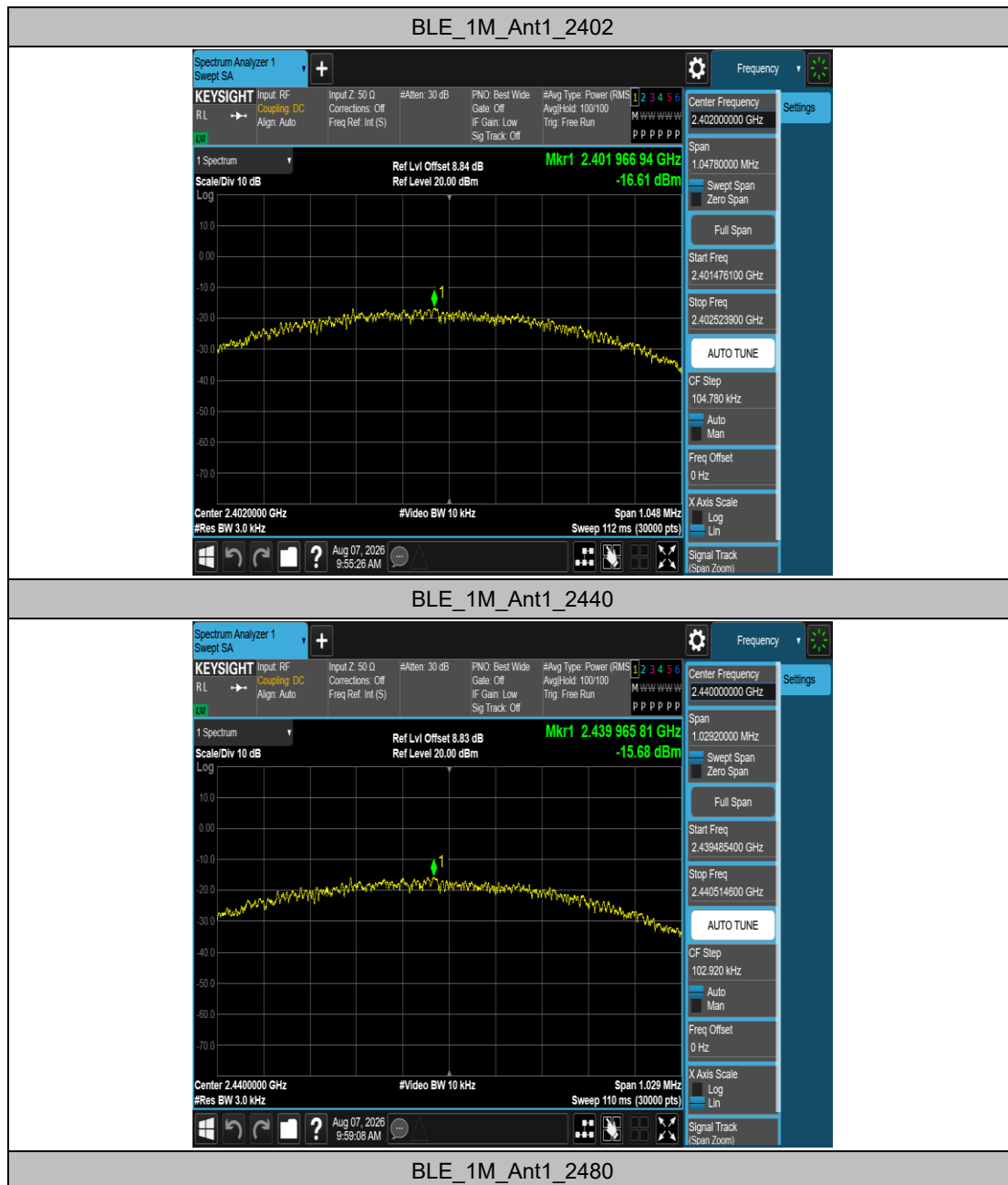


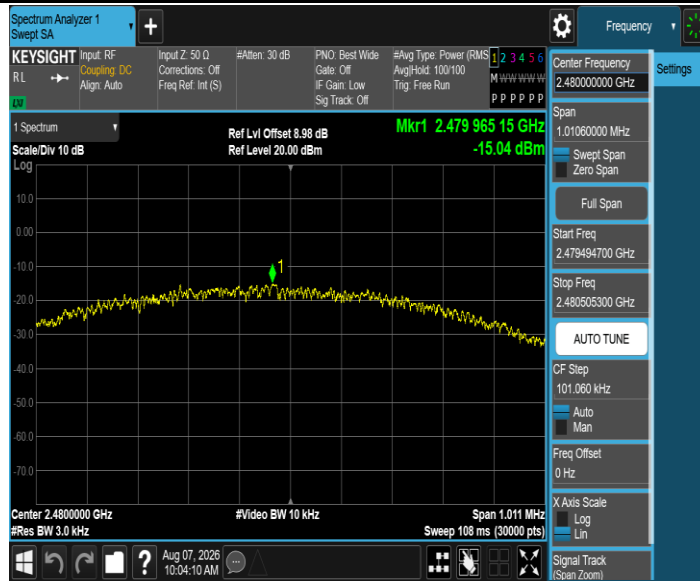
Appendix D: Maximum power spectral density

Test Result

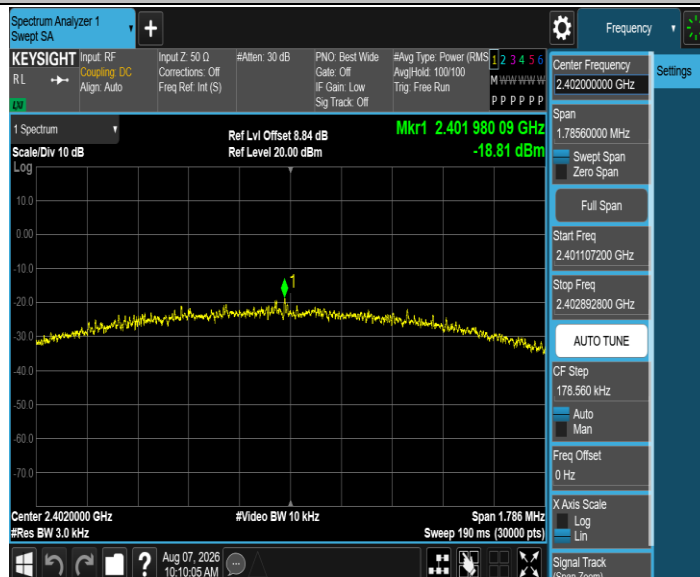
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.61	≤8.00	PASS
		2440	-15.68	≤8.00	PASS
		2480	-15.04	≤8.00	PASS
BLE_2M	Ant1	2402	-18.81	≤8.00	PASS
		2440	-17.81	≤8.00	PASS
		2480	-17.31	≤8.00	PASS

Test Graphs

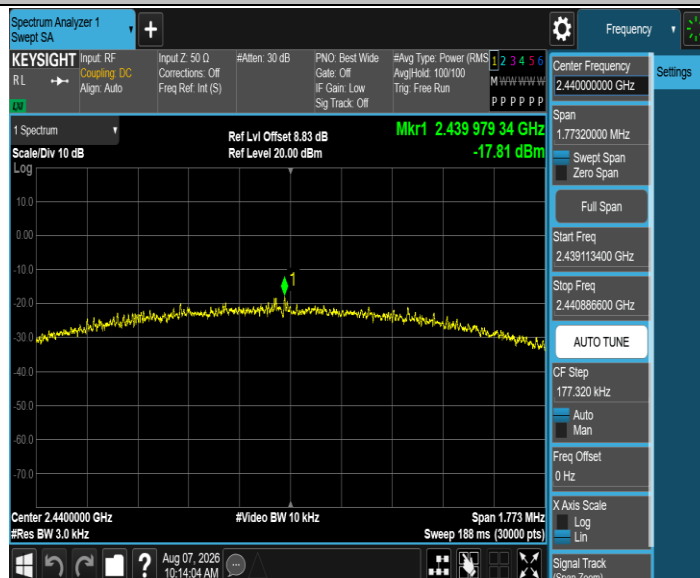




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



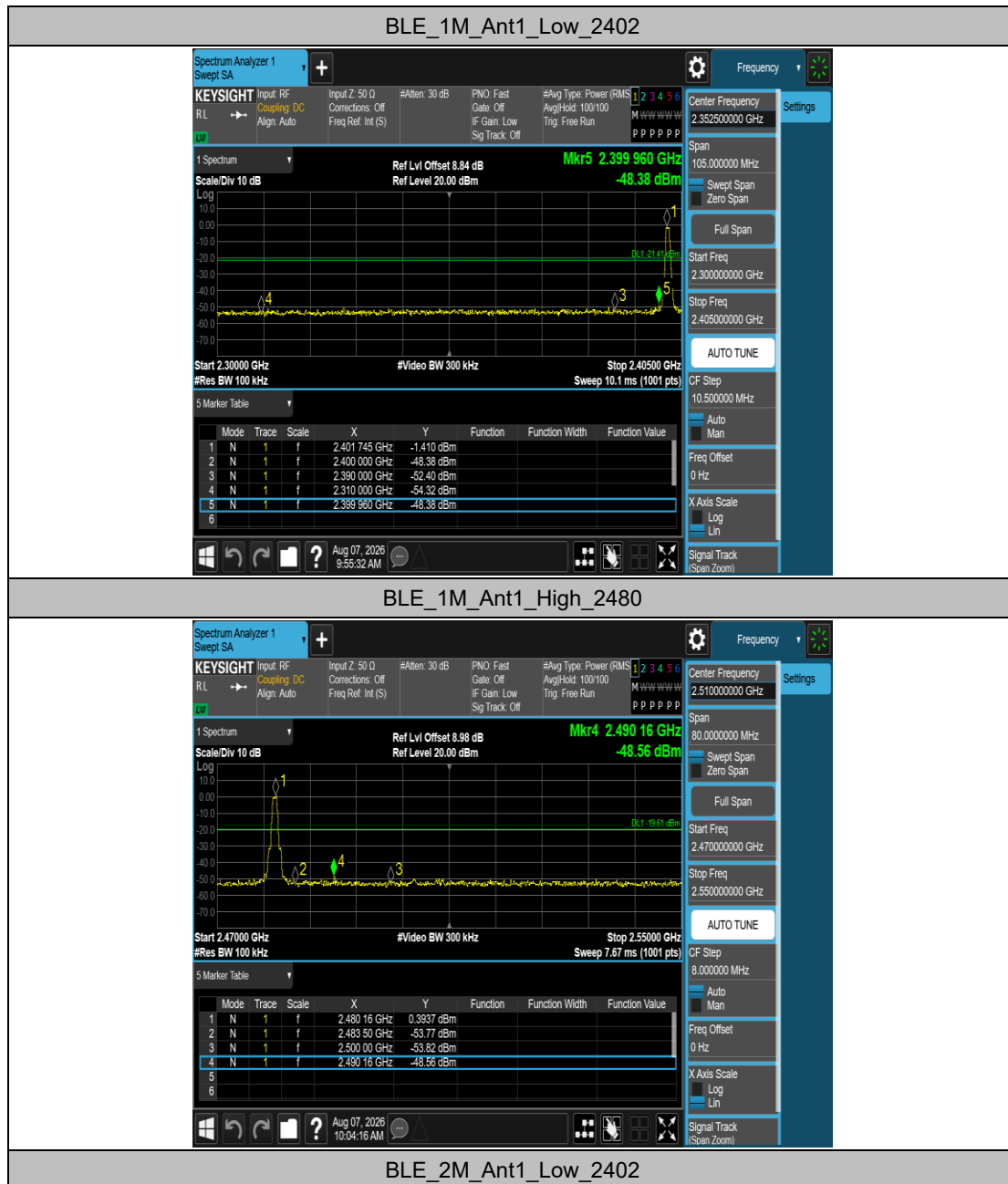


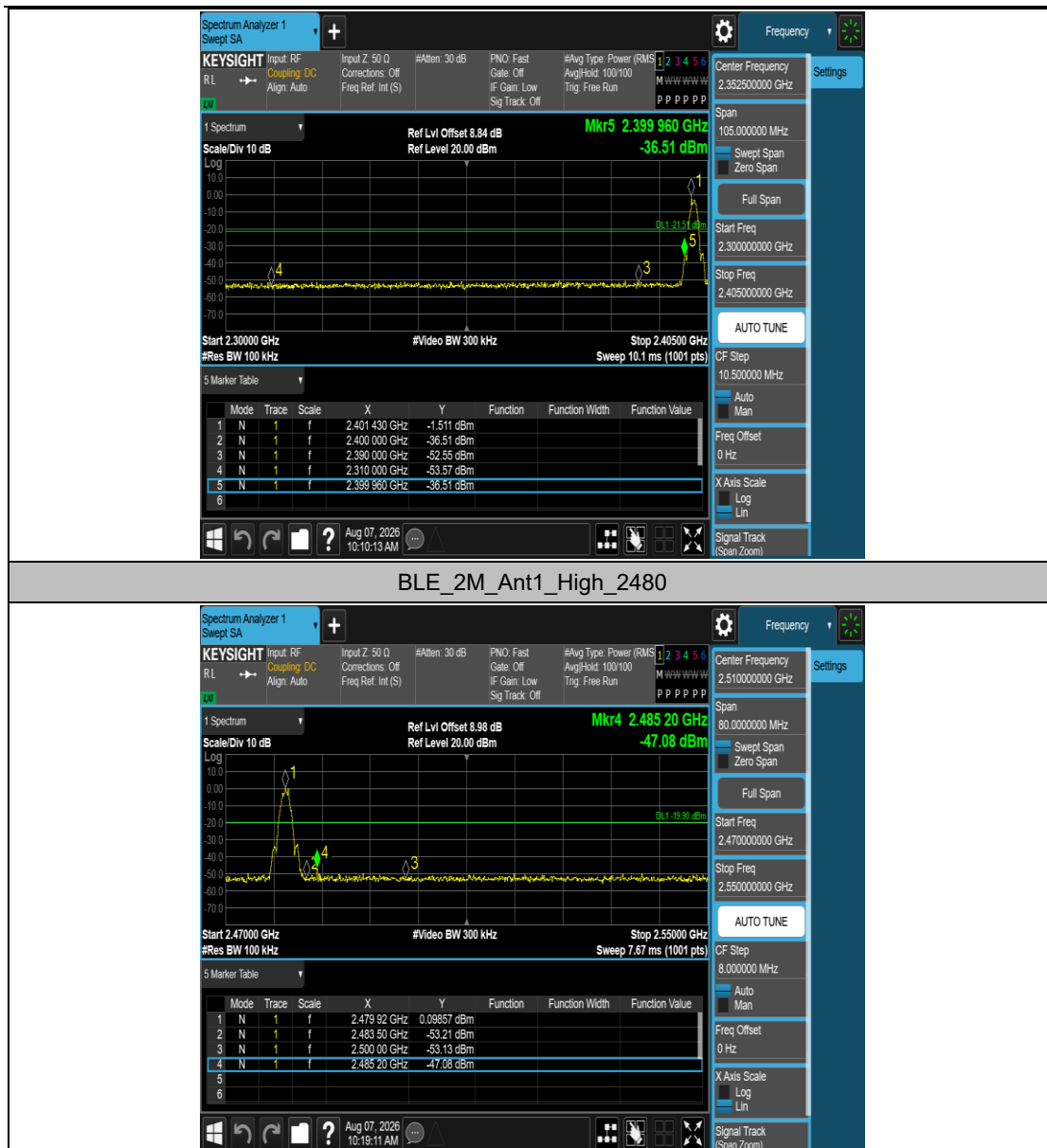
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.41	-48.39	≤ -21.41	PASS
		High	2480	0.39	-48.56	≤ -19.61	PASS
BLE_2M	Ant1	Low	2402	-1.51	-36.51	≤ -21.51	PASS
		High	2480	0.10	-47.09	≤ -19.9	PASS

Test Graphs



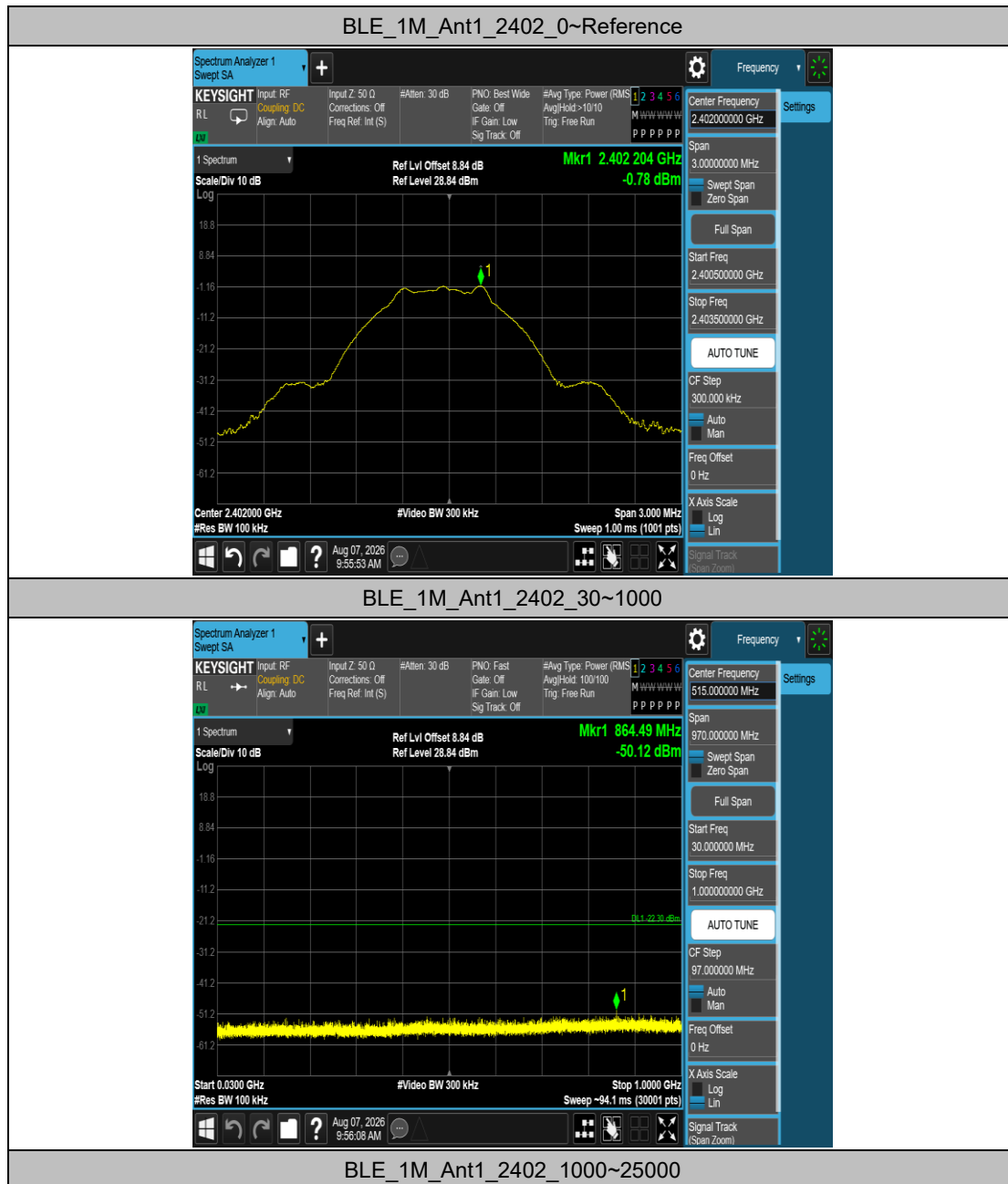


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.78	-0.78	---	PASS
			30~1000	-0.78	-50.12	≤-20.78	PASS
			1000~25000	-0.78	-43.5	≤-20.78	PASS
		2440	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-50.97	≤19.87	PASS
			1000~25000	0.13	-43.72	≤19.87	PASS
		2480	Reference	0.78	0.78	---	PASS
			30~1000	0.78	-51.17	≤-19.22	PASS
			1000~25000	0.78	-42.7	≤-19.22	PASS
BLE_2M	Ant1	2402	Reference	-0.79	-0.79	---	PASS
			30~1000	-0.79	-50.21	≤-20.79	PASS
			1000~25000	-0.79	-43.71	≤-20.79	PASS
		2440	Reference	0.20	0.20	---	PASS
			30~1000	0.20	-51.26	≤-19.80	PASS
			1000~25000	0.20	-43.21	≤-19.80	PASS
		2480	Reference	0.86	0.86	---	PASS
			30~1000	0.86	-50.56	≤-19.14	PASS
			1000~25000	0.86	-42.71	≤-19.14	PASS

Test Graphs

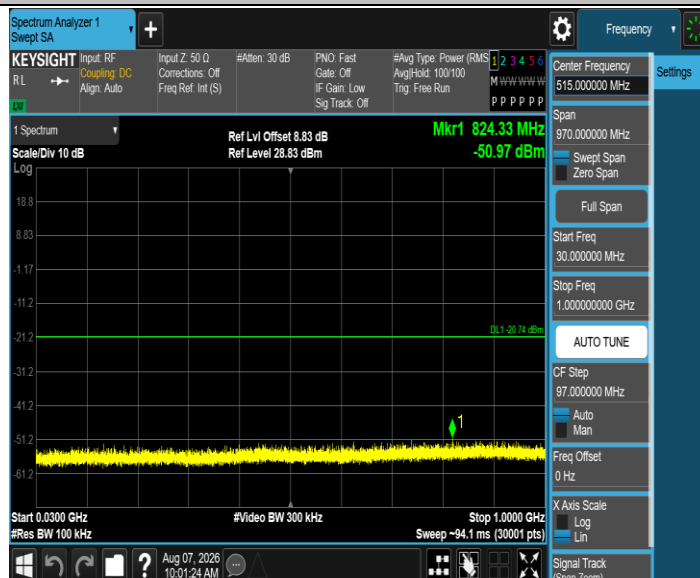




BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000

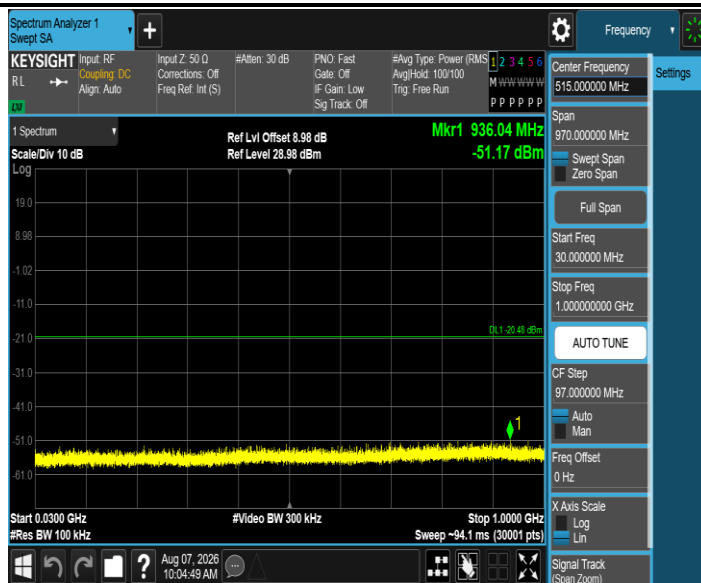


EFGX25070601-IE-03-E03 Appendix

BLE_1M_Ant1_2440_1000~25000

BLE_1M_Ant1_2480_0~Reference

BLE_1M_Ant1_2480_30~1000



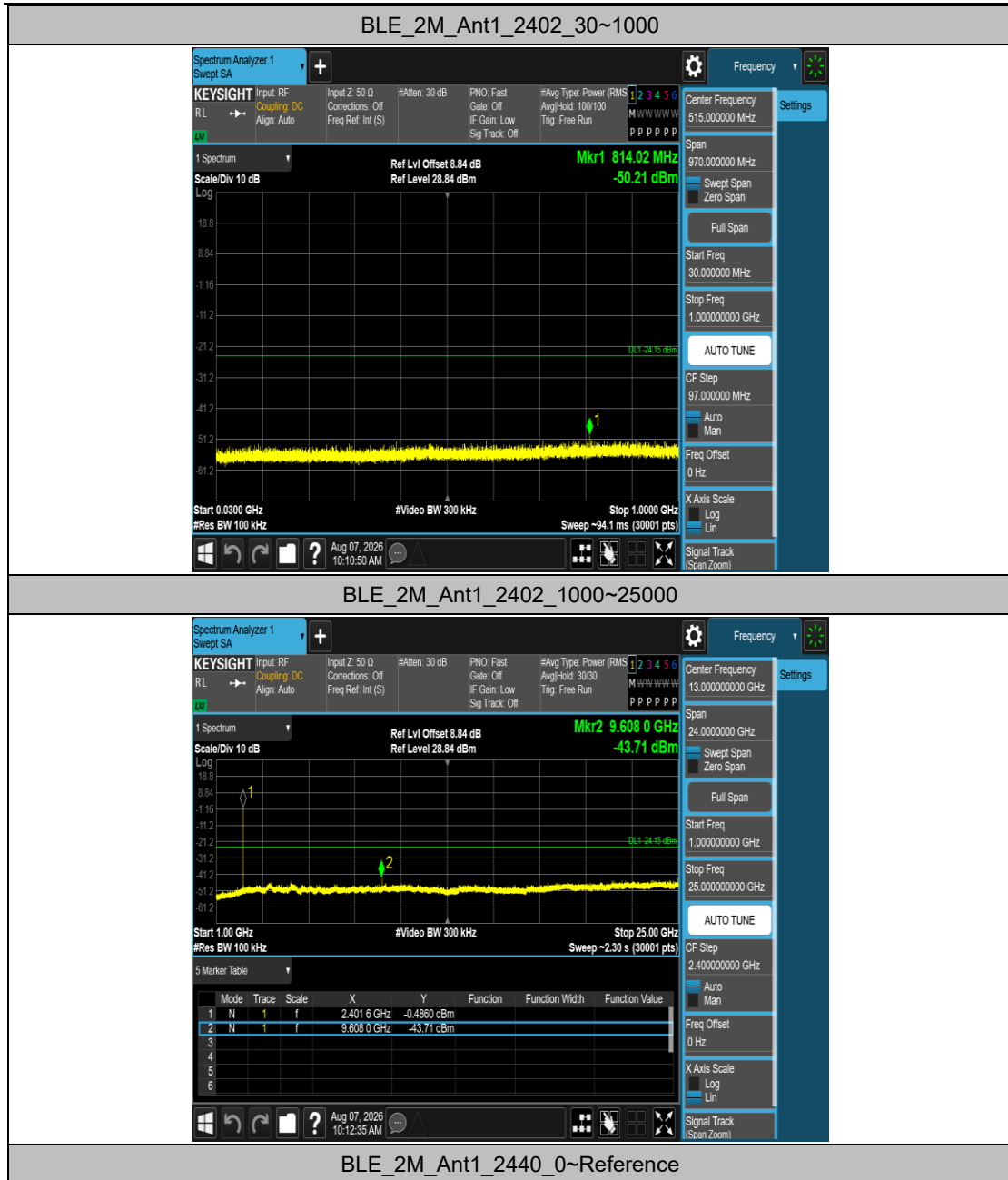
BLE_1M_Ant1_2480_1000~25000



BLE_2M_Ant1_2402_0~Reference



EFGX25070601-IE-03-E03 Appendix

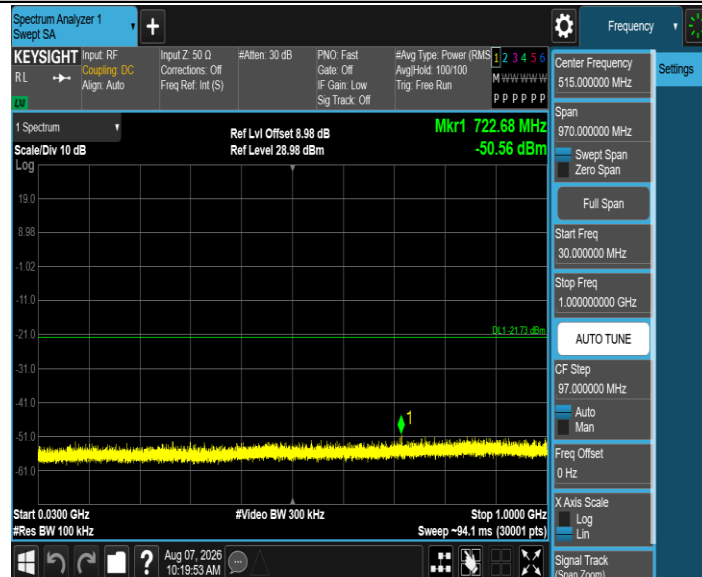




BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~25000



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]
BLE_1M	Ant1	2402	2.15	2.50	0.8600	86.00
		2440	2.13	2.50	0.8520	85.20
		2480	2.13	2.50	0.8520	85.20
BLE_2M	Ant1	2402	1.08	2.50	0.4320	43.20
		2440	1.08	2.50	0.4320	43.20
		2480	1.09	2.50	0.4360	43.60