

Appendix F: Conducted Spurious Emission

Test Result

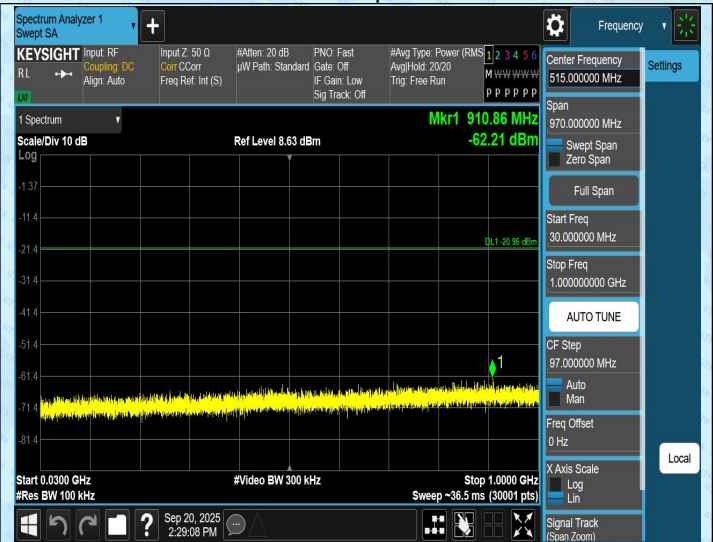
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.02	0.02	---	PASS
BLE_1M	Ant1	2402	30~1000	0.02	-61.52	≤-19.98	PASS
BLE_1M	Ant1	2402	1000~26500	0.02	-42.48	≤-19.98	PASS
BLE_1M	Ant1	2440	0~Reference	-0.40	-0.40	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.40	-57.03	≤-20.4	PASS
BLE_1M	Ant1	2440	1000~26500	-0.40	-42.84	≤-20.4	PASS
BLE_1M	Ant1	2480	0~Reference	-0.96	-0.96	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.96	-62.21	≤-20.96	PASS
BLE_1M	Ant1	2480	1000~26500	-0.96	-42.88	≤-20.96	PASS
BLE_2M	Ant1	2402	0~Reference	-0.68	-0.68	---	PASS
BLE_2M	Ant1	2402	30~1000	-0.68	-62.39	≤-20.68	PASS
BLE_2M	Ant1	2402	1000~26500	-0.68	-42.07	≤-20.68	PASS
BLE_2M	Ant1	2440	0~Reference	-1.10	-1.10	---	PASS
BLE_2M	Ant1	2440	30~1000	-1.10	-62.46	≤-21.1	PASS
BLE_2M	Ant1	2440	1000~26500	-1.10	-43.29	≤-21.1	PASS
BLE_2M	Ant1	2480	0~Reference	-1.70	-1.70	---	PASS
BLE_2M	Ant1	2480	30~1000	-1.70	-62.47	≤-21.7	PASS
BLE_2M	Ant1	2480	1000~26500	-1.70	-43.45	≤-21.7	PASS

Test Graphs





BLE_1M-Ant1-2480-0~Reference-PASS



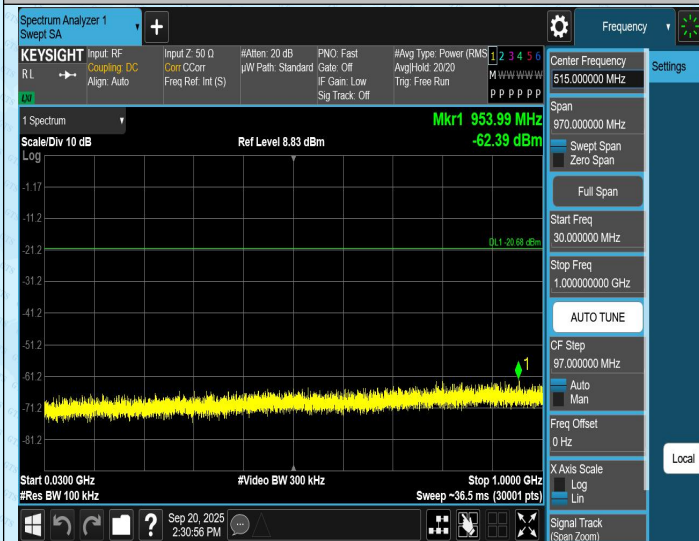
BLE_1M-Ant1-2480-30~1000-PASS



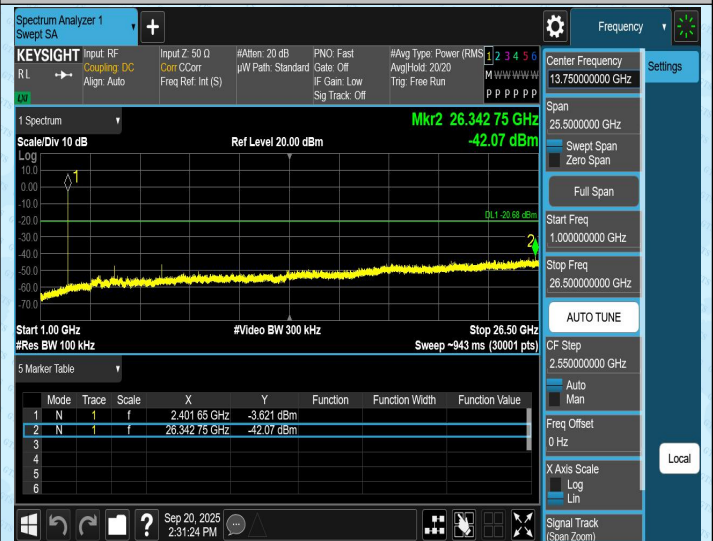
BLE_1M-Ant1-2480-1000~26500-PASS



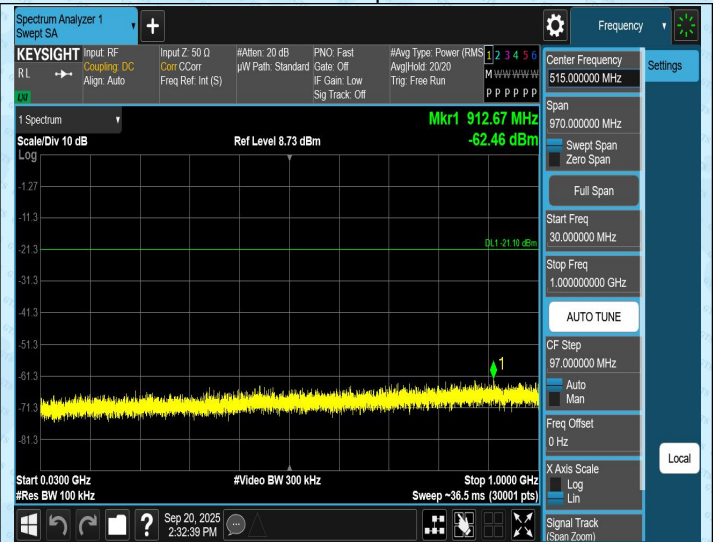
BLE_2M-Ant1-2402-0~Reference-PASS



BLE_2M-Ant1-2402-30~1000-PASS



BLE_2M-Ant1-2402-1000~26500-PASS



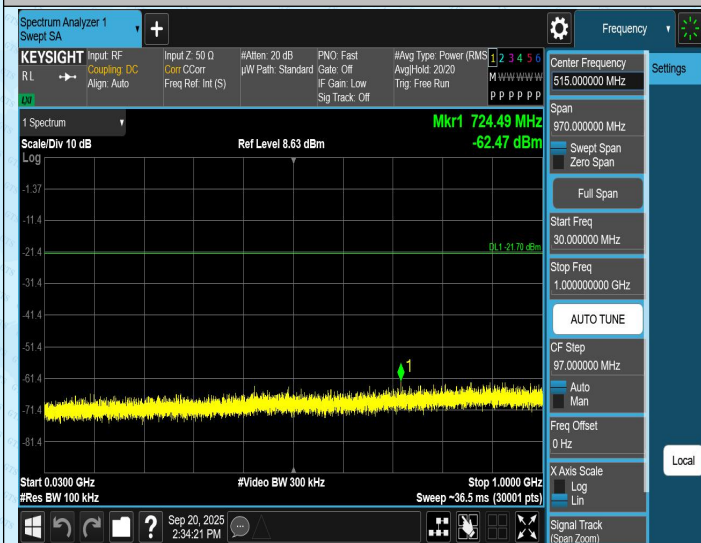
BLE_2M-Ant1-2440-0~Reference-PASS

BLE_2M-Ant1-2440-30~1000-PASS



BLE_2M-Ant1-2440-1000~26500-PASS

BLE_2M-Ant1-2480-0~Reference-PASS



BLE_2M-Ant1-2480-30~1000-PASS

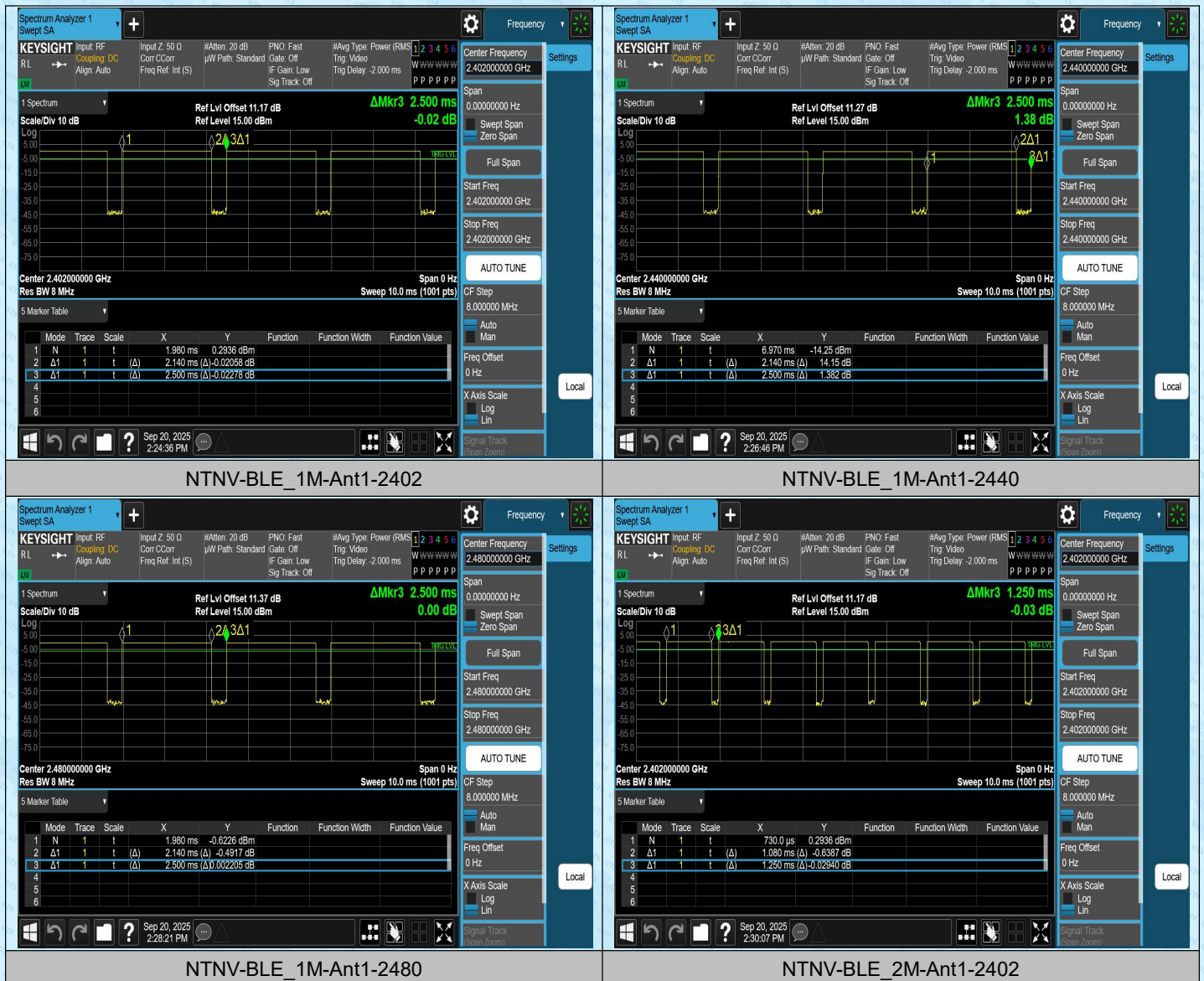
BLE_2M-Ant1-2480-1000~26500-PASS

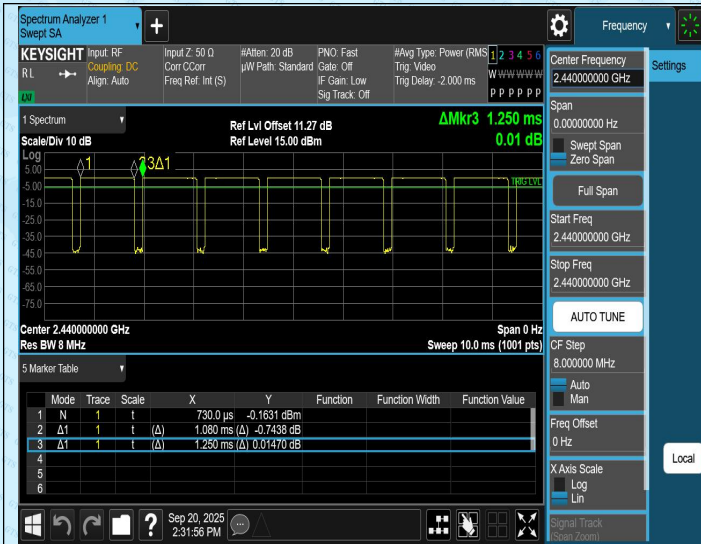
Appendix G: Duty Cycle

Test Result

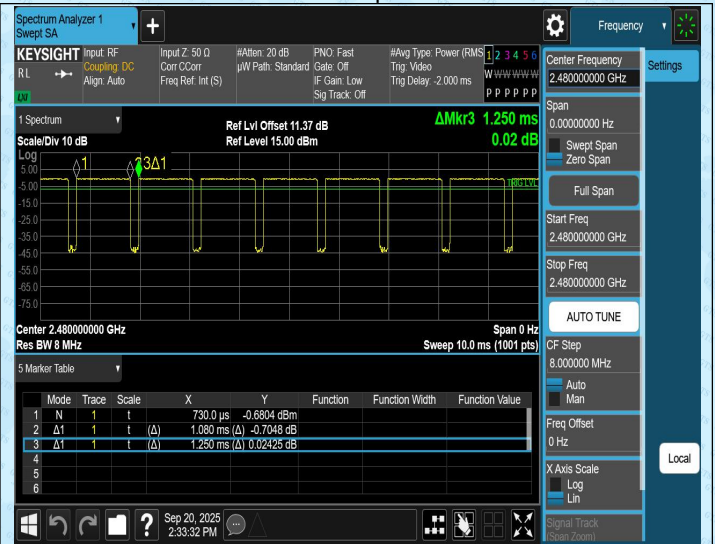
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.14	2.50	85.60	0.68
BLE_1M	Ant1	2440	2.14	2.50	85.60	0.68
BLE_1M	Ant1	2480	2.14	2.50	85.60	0.68
BLE_2M	Ant1	2402	1.08	1.25	86.40	0.63
BLE_2M	Ant1	2440	1.08	1.25	86.40	0.63
BLE_2M	Ant1	2480	1.08	1.25	86.40	0.63

Test Graphs





NTNV-BLE_2M-Ant1-2440



NTNV-BLE_2M-Ant1-2480

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