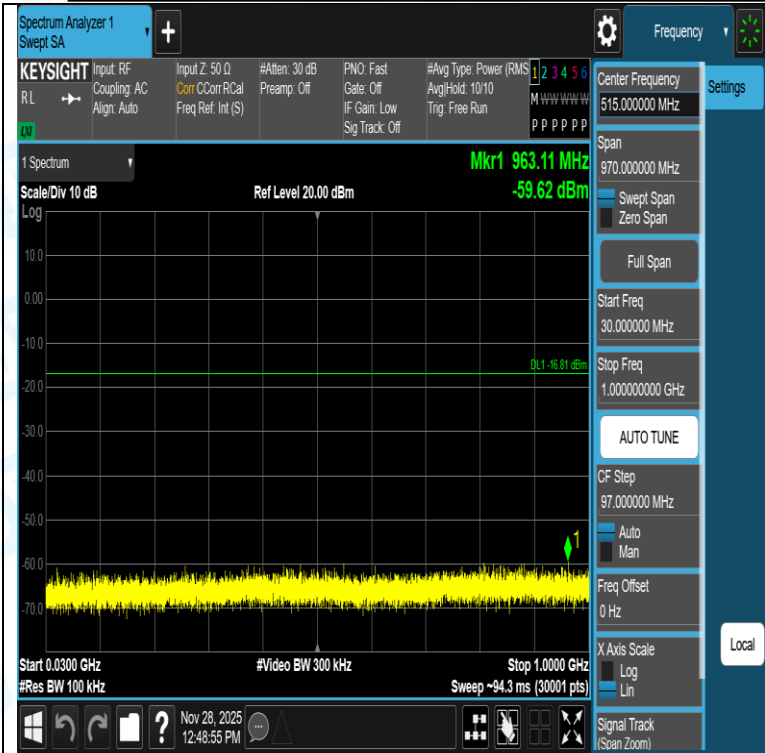
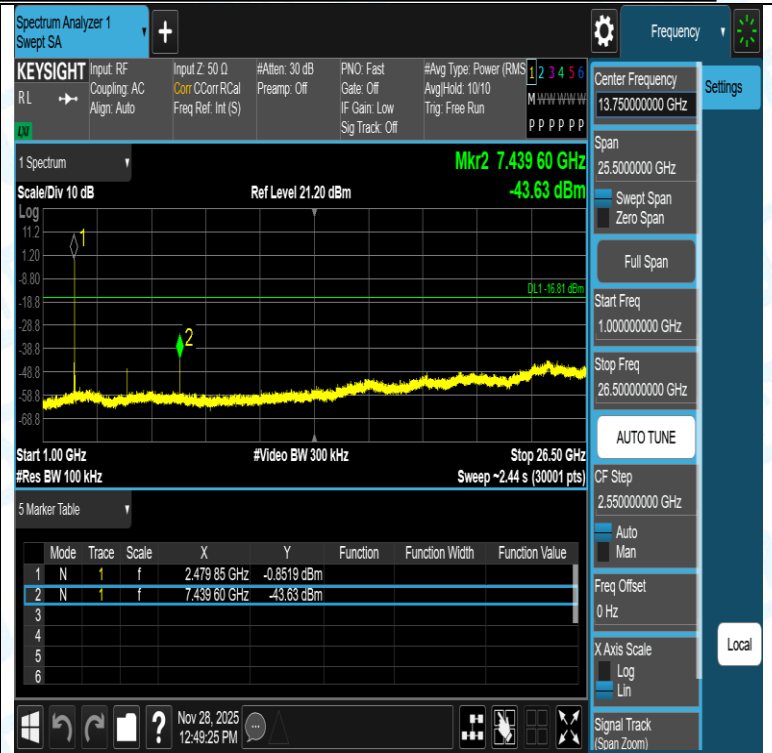




BLE_2M-Ant1-2480-30~1000-PASS



BLE_2M-Ant1-2480-1000~26500-PASS

7: Duty Cycle

7.1 Test Result

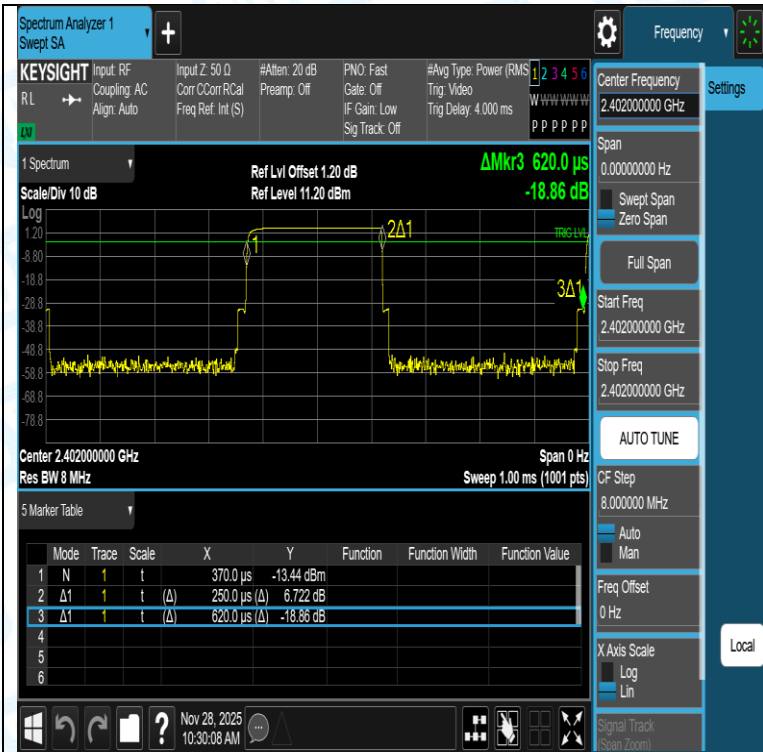
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	1/T [kHz]
BLE_1M	Ant1	2402	0.25	0.62	40.32	3.94	4.00
BLE_1M	Ant1	2440	0.25	0.62	40.32	3.94	4.00
BLE_1M	Ant1	2480	0.25	0.62	40.32	3.94	4.00
BLE_2M	Ant1	2402	0.16	0.62	25.81	5.88	6.25
BLE_2M	Ant1	2440	0.16	0.62	25.81	5.88	6.25
BLE_2M	Ant1	2480	0.16	0.62	25.81	5.88	6.25

Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

2, DC Factor= $10 \cdot \log_{10}(1/\text{Duty Cycle})$

3, $1/T=1/\text{Transmission Duration}$

7.2 Test Graphs



NTNV-BLE_1M-Ant1-2402



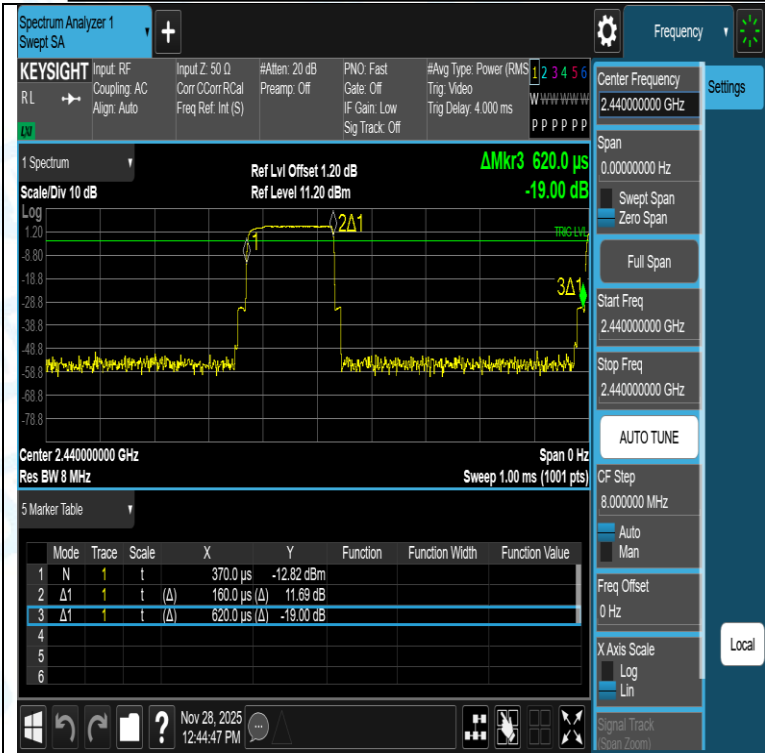
NTNV-BLE_1M-Ant1-2440



NTNV-BLE_1M-Ant1-2480



NTNV-BLE_2M-Ant1-2402



NTNV-BLE_2M-Ant1-2440



NTNV-BLE_2M-Ant1-2480

8: Emissions in Restricted Bands

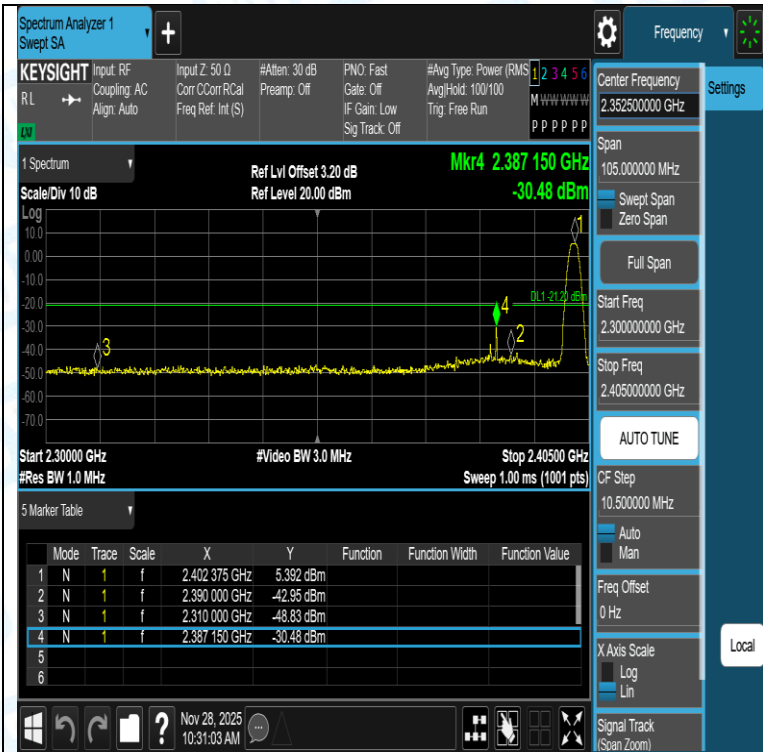
8.1 Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	Peak	2390.000	-42.95	≤-21.20	52.25	≤74	PASS
BLE_1M	Ant1	Low	2402	Peak	2310.000	-48.83	≤-21.20	46.37	≤74	PASS
BLE_1M	Ant1	Low	2402	Peak	2387.150	-30.48	≤-21.20	64.72	≤74	PASS
BLE_1M	Ant1	Low	2402	AV	2390.000	-57.44	≤-41.20	37.76	≤54	PASS
BLE_1M	Ant1	Low	2402	AV	2310.000	-74.43	≤-41.20	20.77	≤54	PASS
BLE_1M	Ant1	Low	2402	AV	2387.150	-50.99	≤-41.20	44.21	≤54	PASS
BLE_1M	Ant1	High	2480	Peak	2483.500	-45.06	≤-21.20	50.14	≤74	PASS
BLE_1M	Ant1	High	2480	Peak	2500.000	-46.14	≤-21.20	49.06	≤74	PASS
BLE_1M	Ant1	High	2480	Peak	2496.080	-41.25	≤-21.20	53.95	≤74	PASS
BLE_1M	Ant1	High	2480	AV	2483.500	-60.44	≤-41.20	34.76	≤54	PASS
BLE_1M	Ant1	High	2480	AV	2500.000	-57.64	≤-41.20	37.56	≤54	PASS
BLE_1M	Ant1	High	2480	AV	2496.480	-54.68	≤-41.20	40.52	≤54	PASS
BLE_2M	Ant1	Low	2402	Peak	2390.000	-39.4	≤-21.20	55.80	≤74	PASS
BLE_2M	Ant1	Low	2402	Peak	2310.000	-48.71	≤-21.20	46.49	≤74	PASS
BLE_2M	Ant1	Low	2402	Peak	2388.935	-30.37	≤-21.20	64.83	≤74	PASS
BLE_2M	Ant1	Low	2402	AV	2390.000	-53.76	≤-41.20	41.44	≤54	PASS
BLE_2M	Ant1	Low	2402	AV	2310.000	-75.82	≤-41.20	19.38	≤54	PASS
BLE_2M	Ant1	Low	2402	AV	2389.250	-50.86	≤-41.20	44.34	≤54	PASS
BLE_2M	Ant1	High	2480	Peak	2483.500	-40.61	≤-21.20	54.59	≤74	PASS
BLE_2M	Ant1	High	2480	Peak	2500.000	-38.37	≤-21.20	56.83	≤74	PASS
BLE_2M	Ant1	High	2480	Peak	2494.400	-35.26	≤-21.20	59.94	≤74	PASS
BLE_2M	Ant1	High	2480	AV	2483.500	-57.06	≤-41.20	38.14	≤54	PASS
BLE_2M	Ant1	High	2480	AV	2500.000	-53.87	≤-41.20	41.33	≤54	PASS
BLE_2M	Ant1	High	2480	AV	2493.920	-50.39	≤-41.20	44.81	≤54	PASS

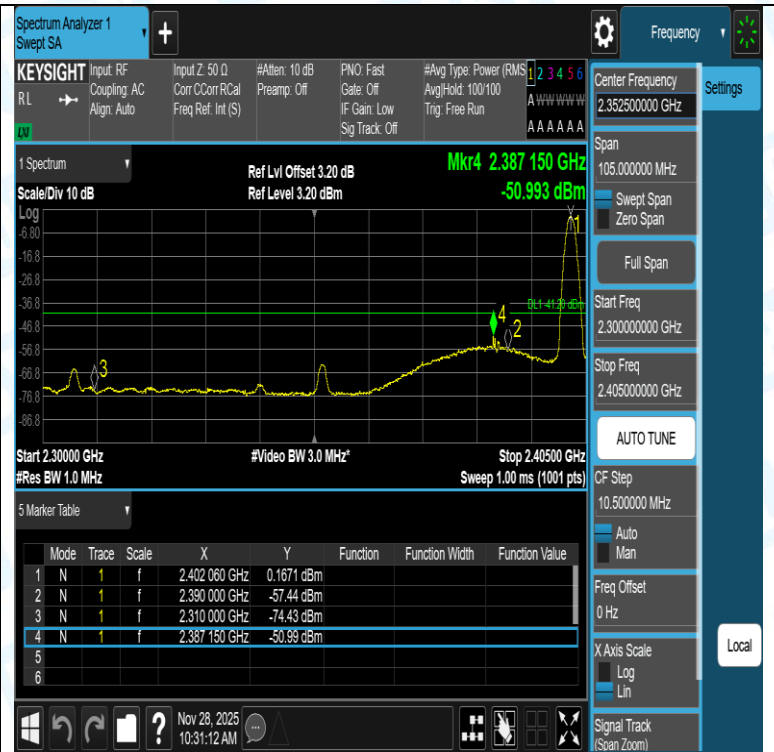
Note:

- The Antenna Gain is compensated in the graph.
- The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

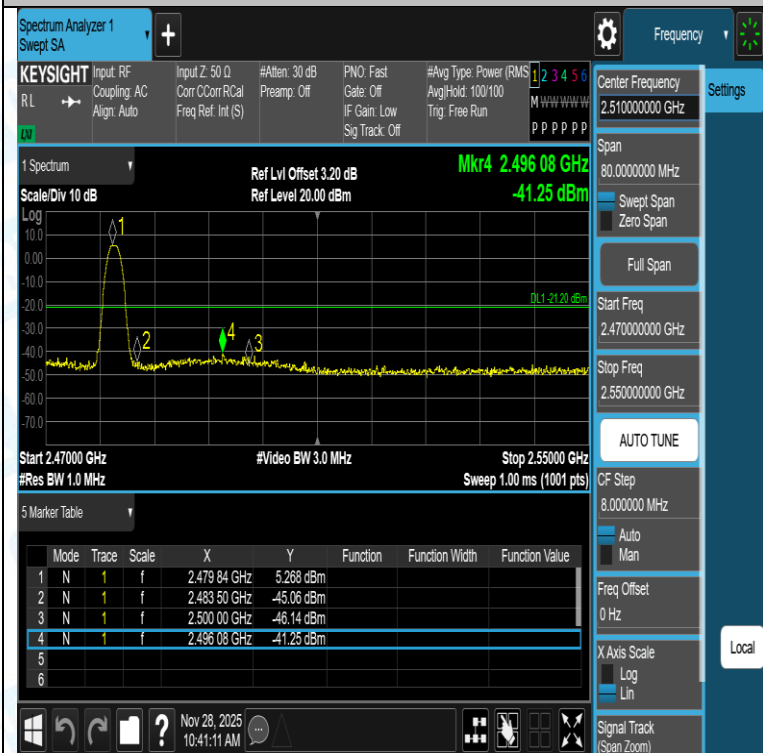
8.2 Test Graphs



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2480-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2480-PASS



BLE_2M-Ant1-2480-PASS

-----END OF THE REPORT-----