Appendix Test Data

Report No.:	1812C50616812502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-12-10	Finish Test Date:	2025-12-17
Test Engineer:	Alex Reng	Auditor:	Justin Feng
Temperature:	25.3℃	Relative Humidity:	51%
Pressure:	101kPa		

Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.668	2401.660	2402.328	0.5	PASS
BLE_1M	Ant1	2440	0.684	2439.656	2440.340	0.5	PASS
BLE_1M	Ant1	2480	0.696	2479.644	2480.340	0.5	PASS
BLE_2M	Ant1	2404	1.256	2403.340	2404.596	0.5	PASS
BLE_2M	Ant1	2440	1.124	2439.448	2440.572	0.5	PASS
BLE_2M	Ant1	2478	1.260	2477.344	2478.604	0.5	PASS

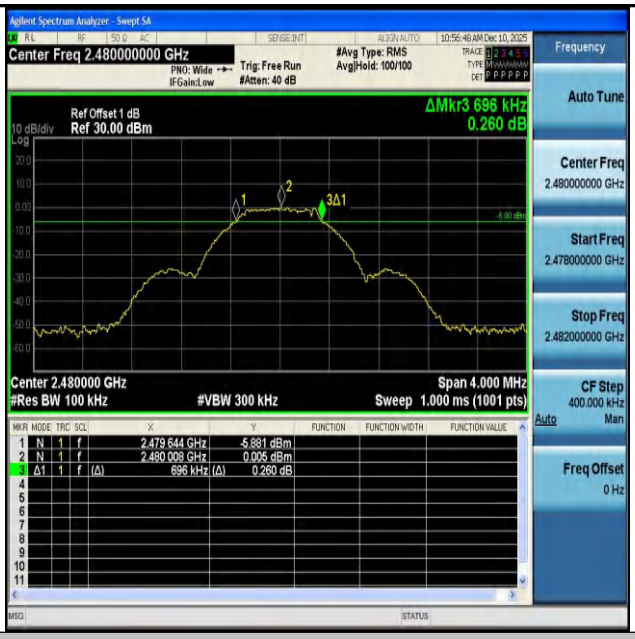
Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Test Graphs

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



BLE_1M-Ant1-2480-PASS

BLE_2M-Ant1-2404-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2478-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

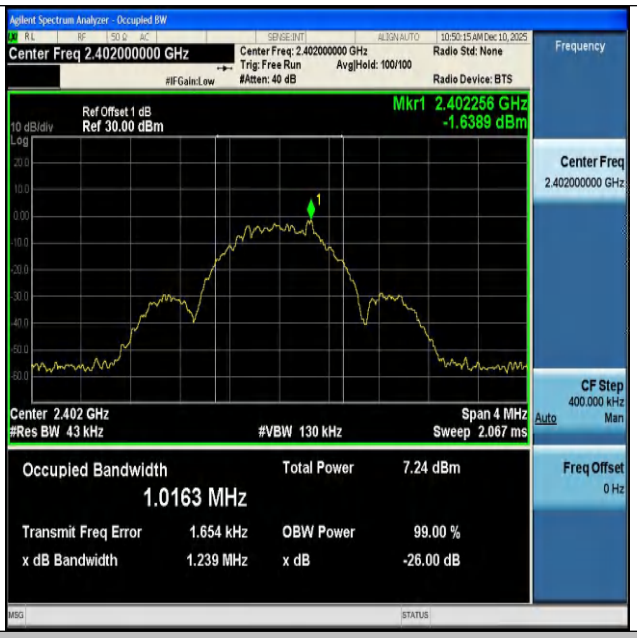
Appendix B: 99% Occupied Bandwidth

Test Result

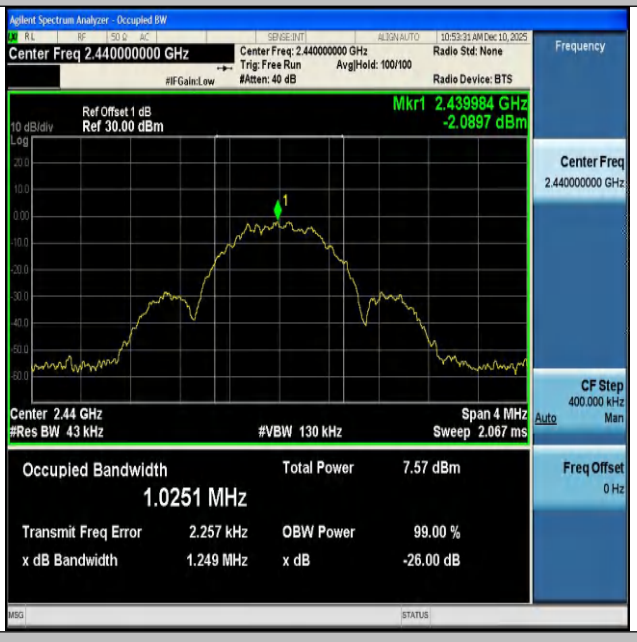
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0163	2401.4935	2402.5098	---	---
BLE_1M	Ant1	2440	1.0251	2439.4897	2440.5148	---	---
BLE_1M	Ant1	2480	1.0287	2479.4868	2480.5155	---	---
BLE_2M	Ant1	2404	2.0510	2402.9958	2405.0468	---	---
BLE_2M	Ant1	2440	2.0552	2438.9908	2441.0460	---	---
BLE_2M	Ant1	2478	2.0476	2476.9893	2479.0369	---	---

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Test Graphs

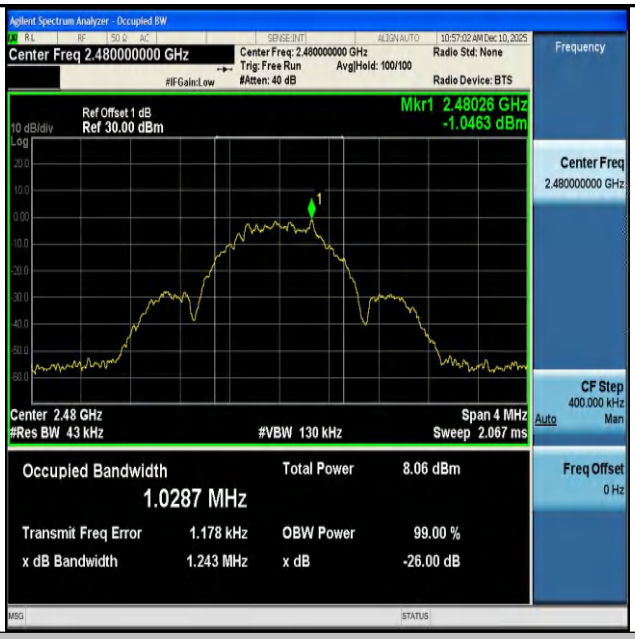


BLE_1M-Ant1-2402



BLE_1M-Ant1-2440

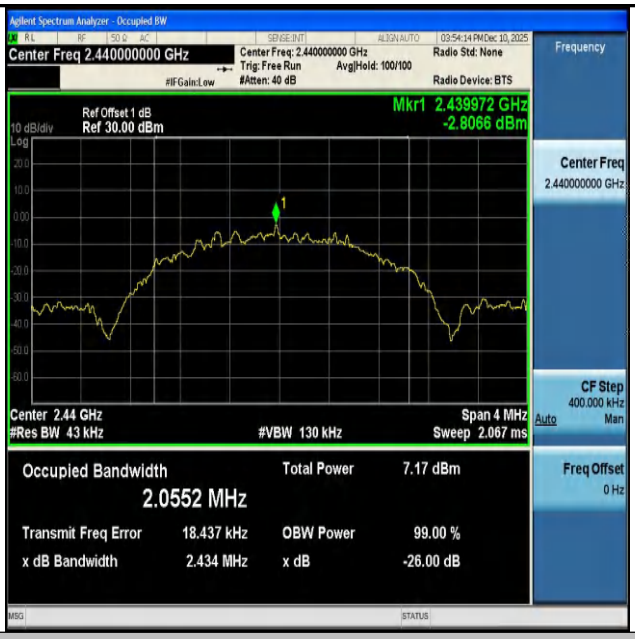
Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



BLE_1M-Ant1-2480

BLE_2M-Ant1-2404

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



BLE_2M-Ant1-2440

BLE_2M-Ant1-2478

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

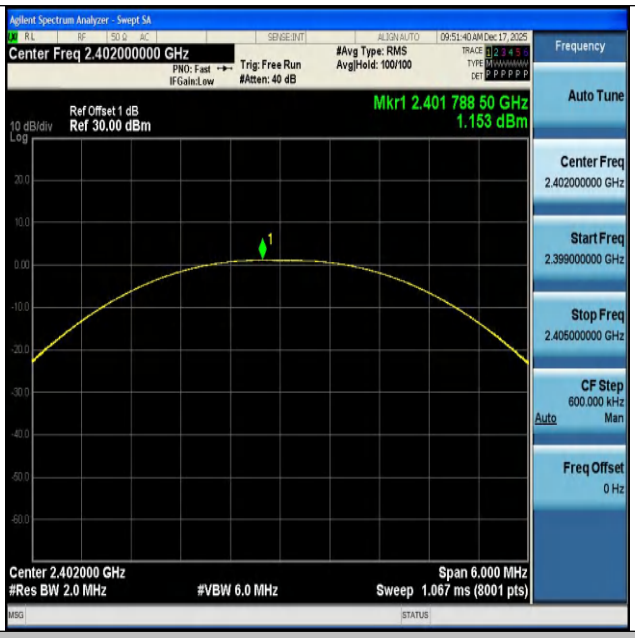
Appendix C: Maximum conducted output power

Test Result Peak

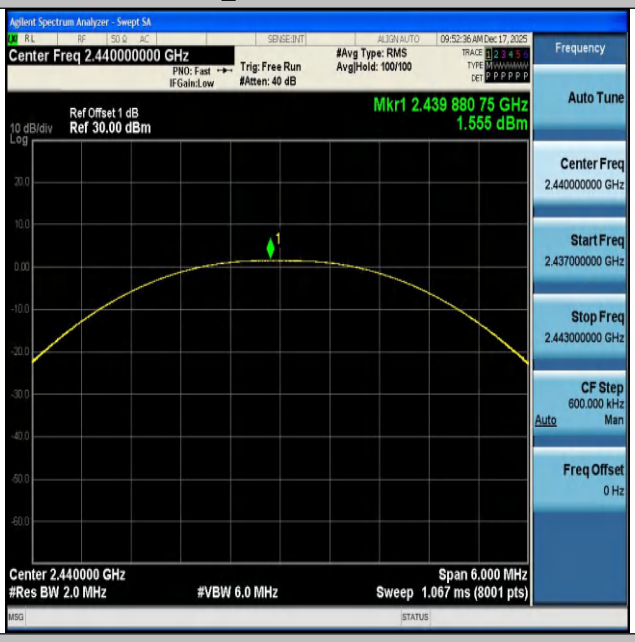
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.15	≤30	PASS
BLE_1M	Ant1	2440	1.56	≤30	PASS
BLE_1M	Ant1	2480	0.97	≤30	PASS
BLE_2M	Ant1	2404	1.16	≤30	PASS
BLE_2M	Ant1	2440	**1.65**	≤30	PASS
BLE_2M	Ant1	2478	0.86	≤30	PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Test Graphs Peak

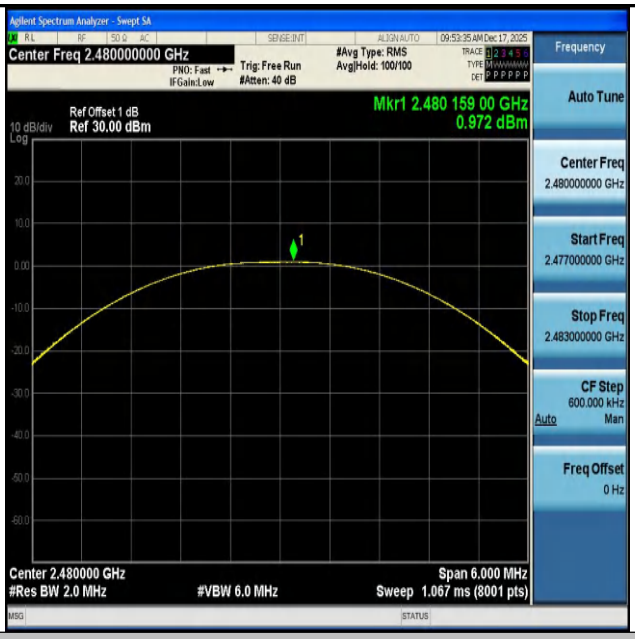


BLE_1M-Ant1-2402-PASS

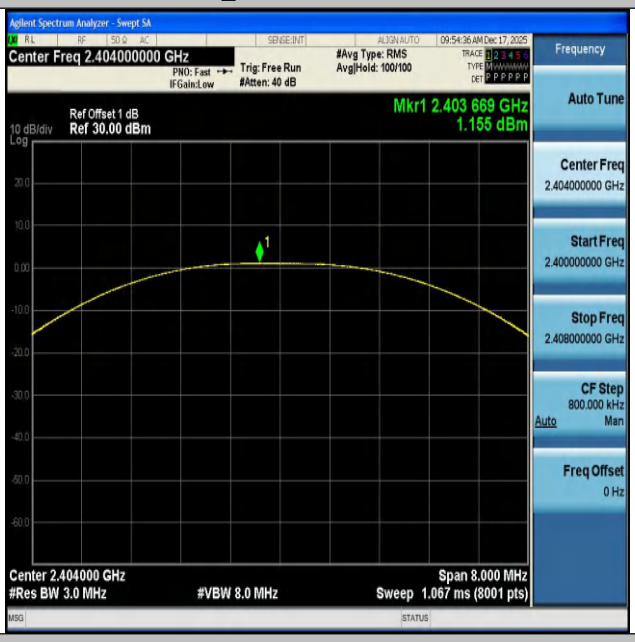


BLE_1M-Ant1-2440-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

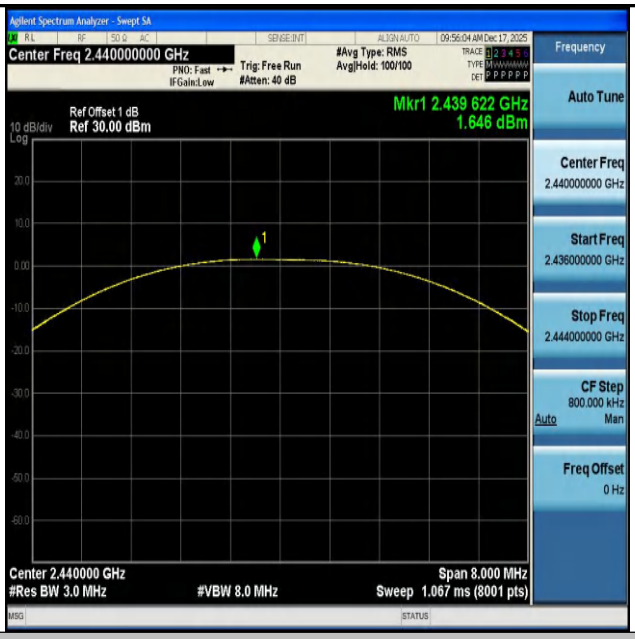


BLE_1M-Ant1-2480-PASS

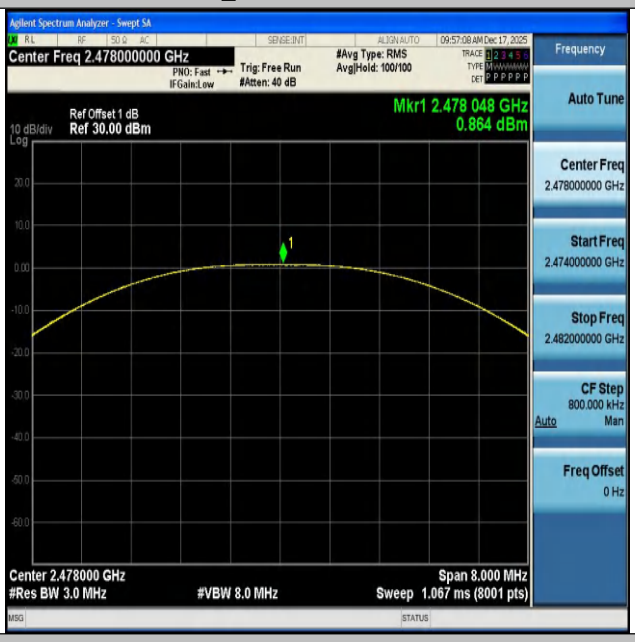


BLE_2M-Ant1-2404-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2478-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

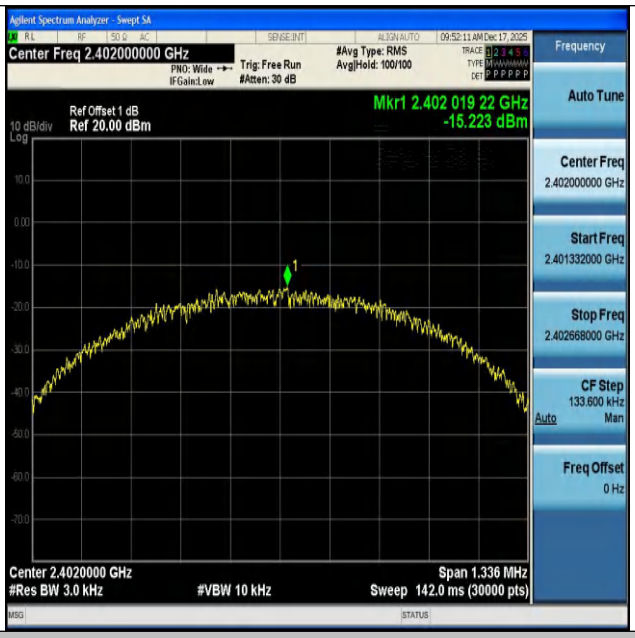
Appendix D: Maximum power spectral density

Test Result

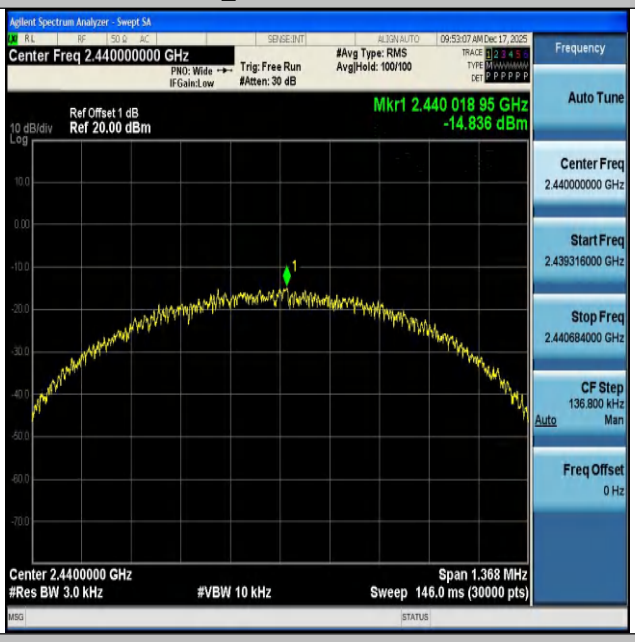
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.22	≤8.00	PASS
BLE_1M	Ant1	2440	-14.84	≤8.00	PASS
BLE_1M	Ant1	2480	-15.31	≤8.00	PASS
BLE_2M	Ant1	2404	-17.68	≤8.00	PASS
BLE_2M	Ant1	2440	-17.25	≤8.00	PASS
BLE_2M	Ant1	2478	-17.95	≤8.00	PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Test Graphs

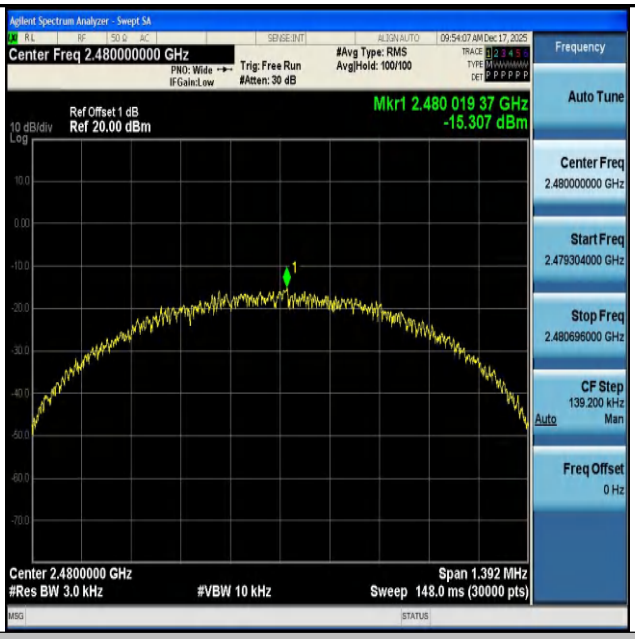


BLE_1M-Ant1-2402-PASS

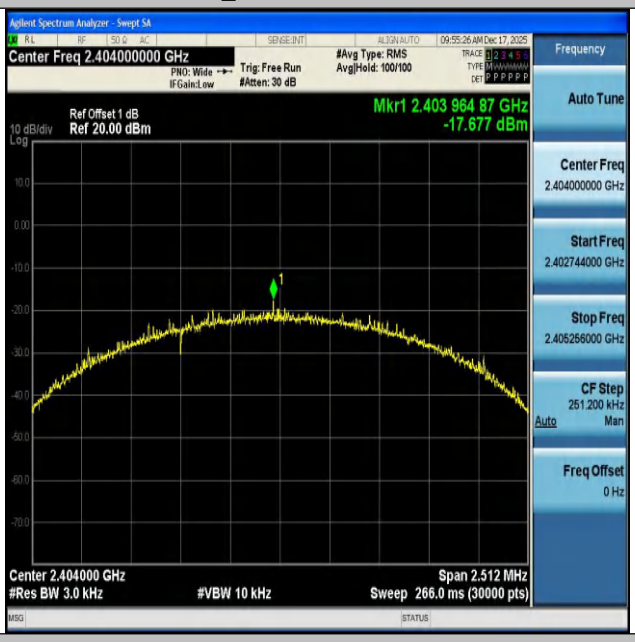


BLE_1M-Ant1-2440-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



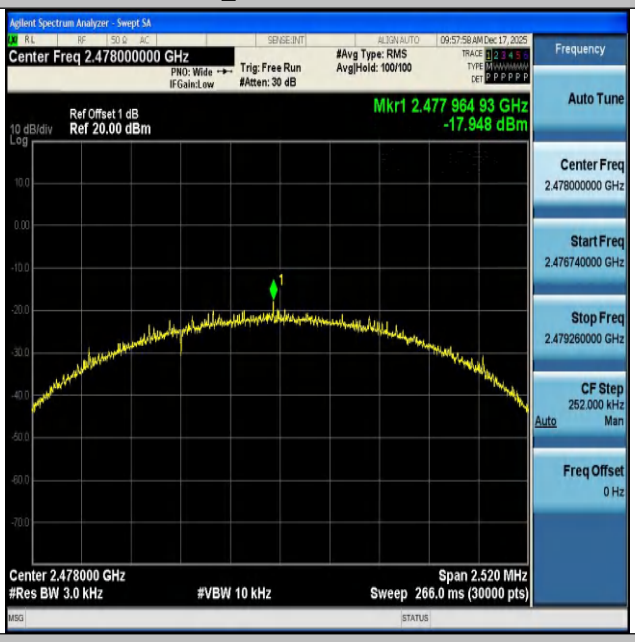
BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2404-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2478-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

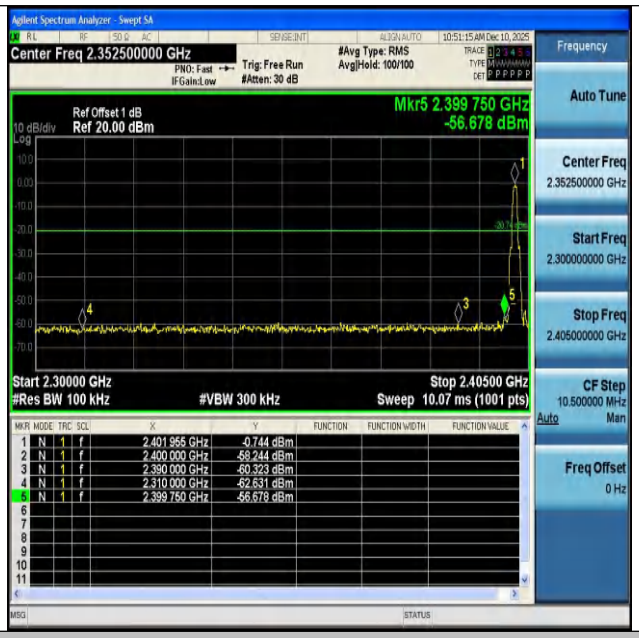
Appendix E: Band edge measurements

Test Result

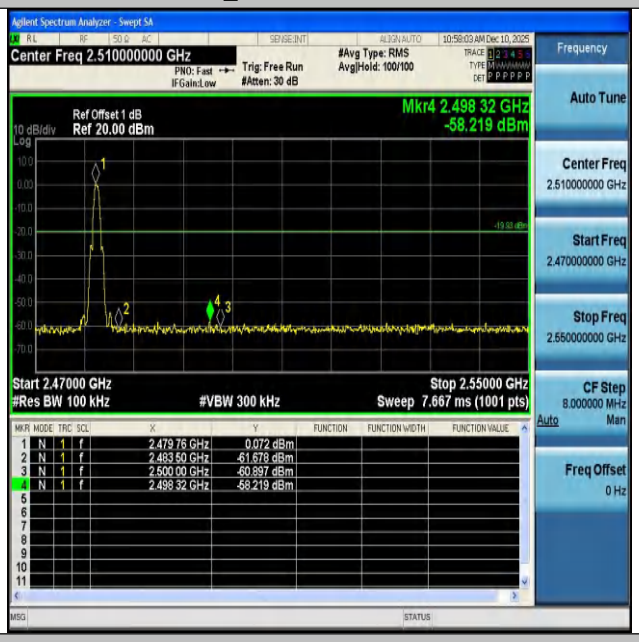
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.74	-56.68	≤-20.74	PASS
BLE_1M	Ant1	High	2480	0.07	-58.22	≤-19.93	PASS
BLE_2M	Ant1	Low	2404	-0.15	-58.44	≤-20.15	PASS
BLE_2M	Ant1	High	2478	0.47	-57.95	≤-19.53	PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Test Graphs

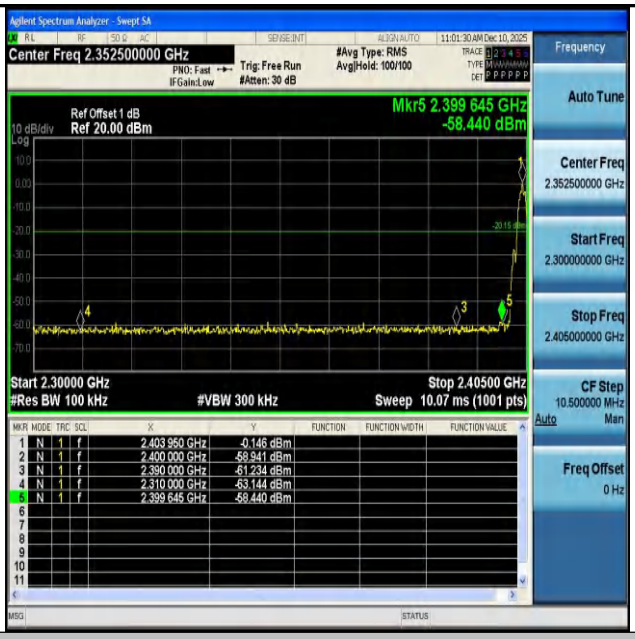


BLE_1M-Ant1-2402-PASS

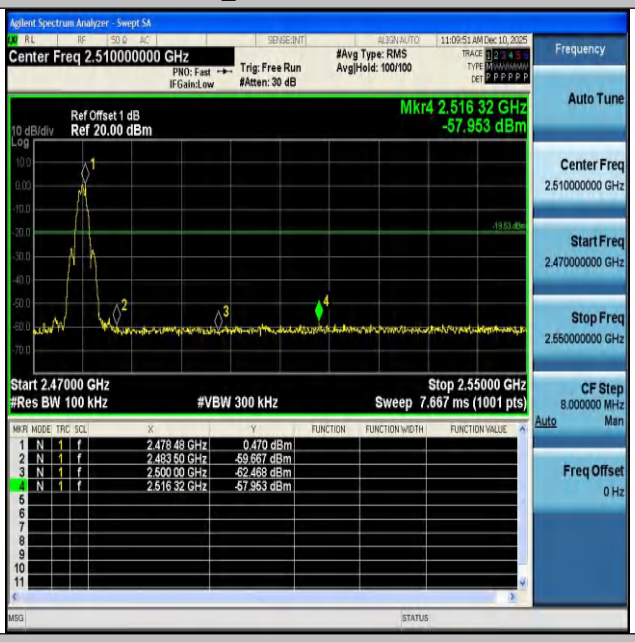


BLE_1M-Ant1-2480-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



BLE_2M-Ant1-2404-PASS



BLE_2M-Ant1-2478-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Appendix F: Conducted Spurious Emission

Test Result

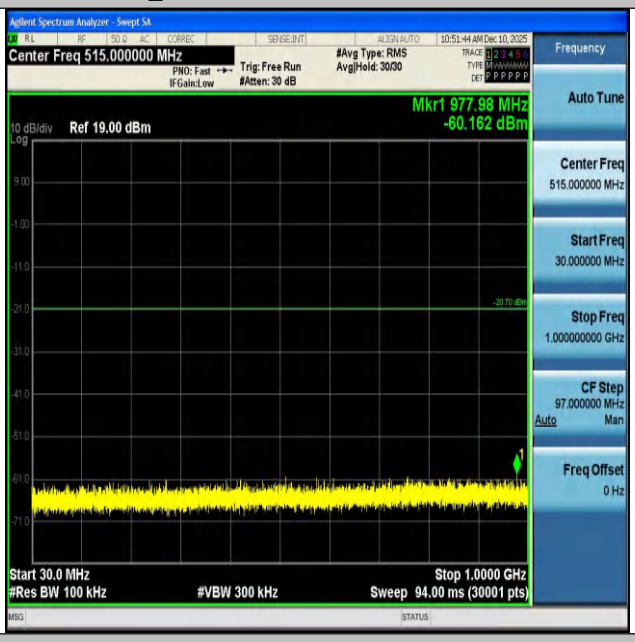
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.70	-0.70	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.70	-60.16	≤-20.7	PASS
BLE_1M	Ant1	2402	1000~26500	-0.70	-46.04	≤-20.7	PASS
BLE_1M	Ant1	2440	0~Reference	-0.21	-0.21	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.21	-60.18	≤-20.21	PASS
BLE_1M	Ant1	2440	1000~26500	-0.21	-46.54	≤-20.21	PASS
BLE_1M	Ant1	2480	0~Reference	0.98	0.98	---	PASS
BLE_1M	Ant1	2480	30~1000	0.98	-59.44	≤-19.02	PASS
BLE_1M	Ant1	2480	1000~26500	0.98	-45.69	≤-19.02	PASS
BLE_2M	Ant1	2404	0~Reference	-0.22	-0.22	---	PASS
BLE_2M	Ant1	2404	30~1000	-0.22	-59.35	≤-20.22	PASS
BLE_2M	Ant1	2404	1000~26500	-0.22	-45.24	≤-20.22	PASS
BLE_2M	Ant1	2440	0~Reference	-1.40	-1.40	---	PASS
BLE_2M	Ant1	2440	30~1000	-1.40	-59.14	≤-21.4	PASS
BLE_2M	Ant1	2440	1000~26500	-1.40	-46.6	≤-21.4	PASS
BLE_2M	Ant1	2478	0~Reference	0.74	0.74	---	PASS
BLE_2M	Ant1	2478	30~1000	0.74	-60.34	≤-19.26	PASS
BLE_2M	Ant1	2478	1000~26500	0.74	-46.18	≤-19.26	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

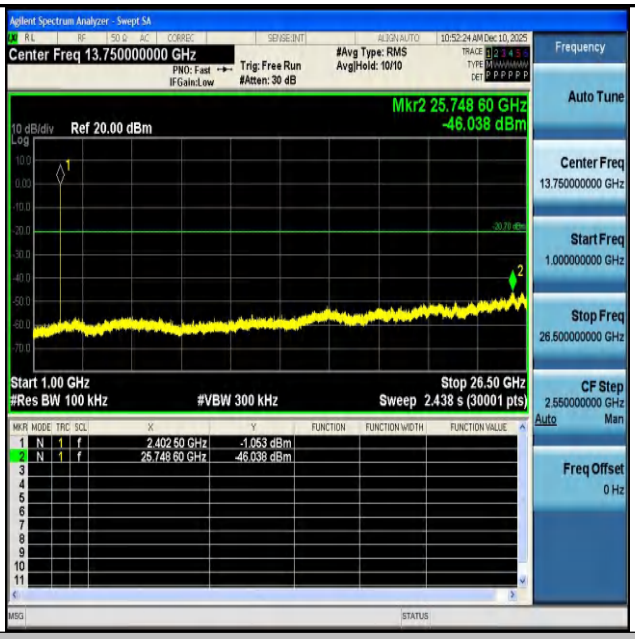
Test Graphs

BLE_1M-Ant1-2402-0~Reference-PASS



BLE_1M-Ant1-2402-30~1000-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

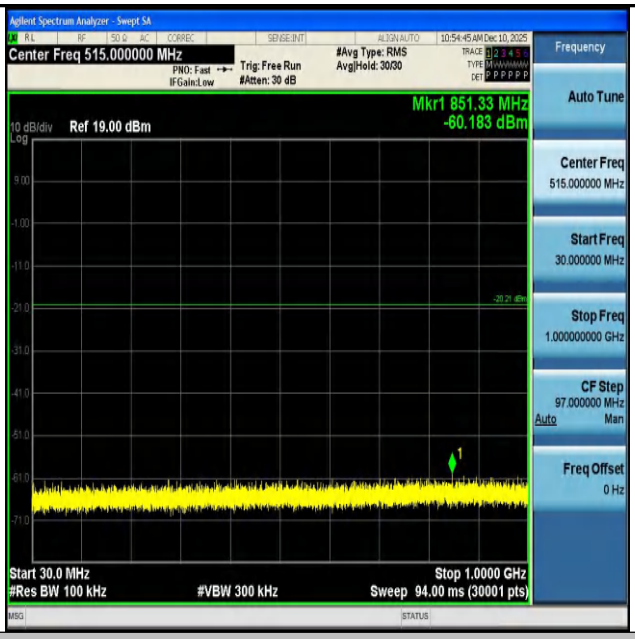


BLE_1M-Ant1-2402-1000~26500-PASS

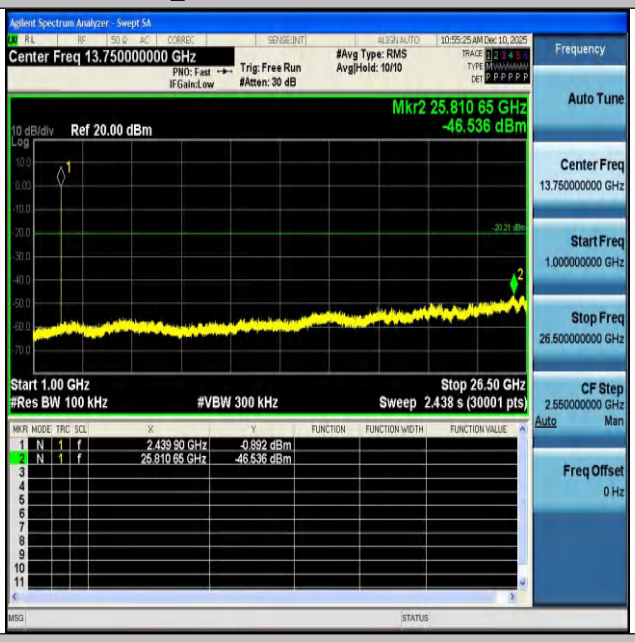
BLE_1M-Ant1-2440-0~Reference-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



BLE_1M-Ant1-2440-30~1000-PASS

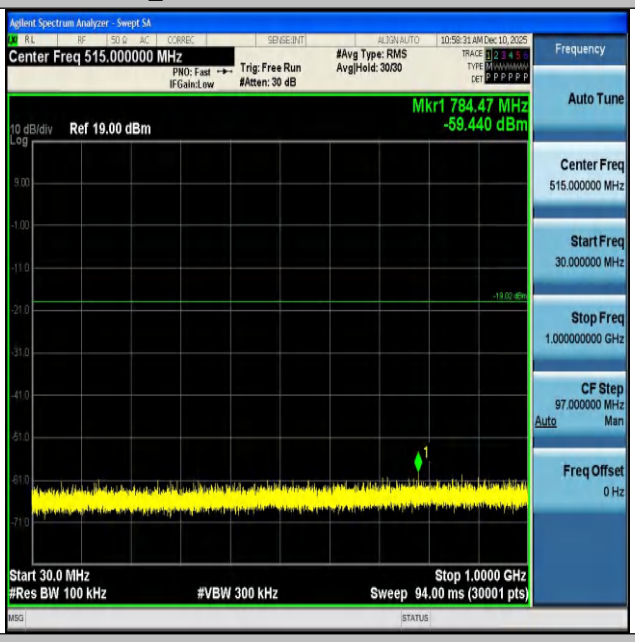


BLE_1M-Ant1-2440-1000~26500-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

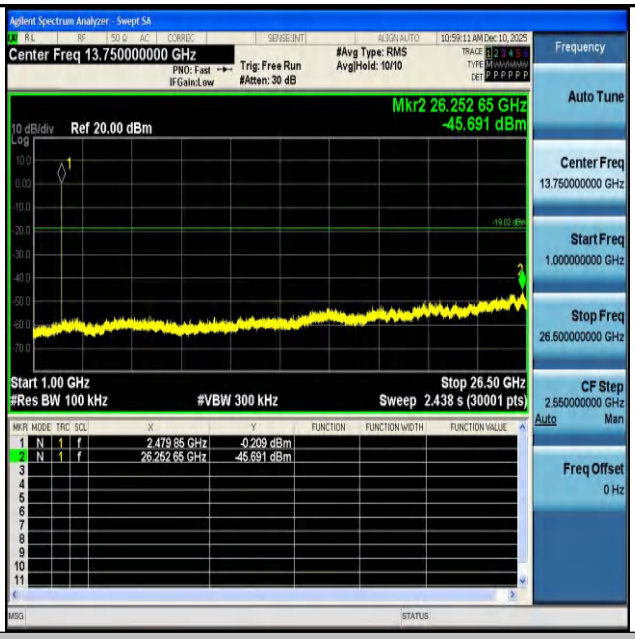
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

BLE_1M-Ant1-2480-0~Reference-PASS



BLE_1M-Ant1-2480-30~1000-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

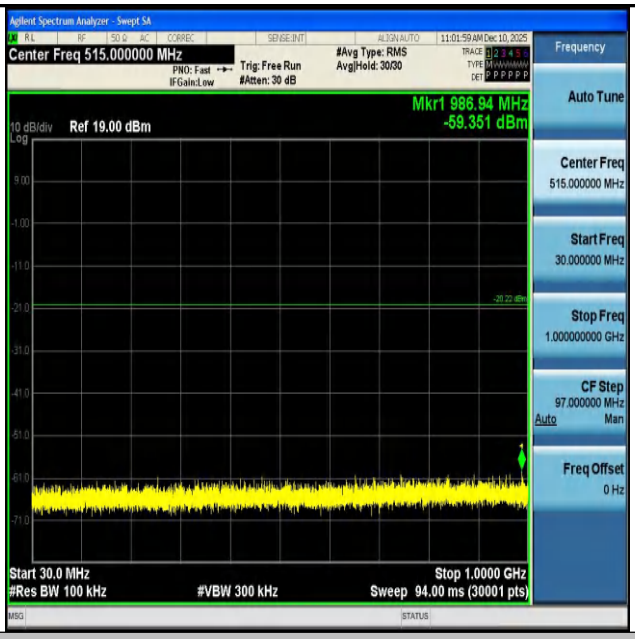


BLE_1M-Ant1-2480-1000~26500-PASS

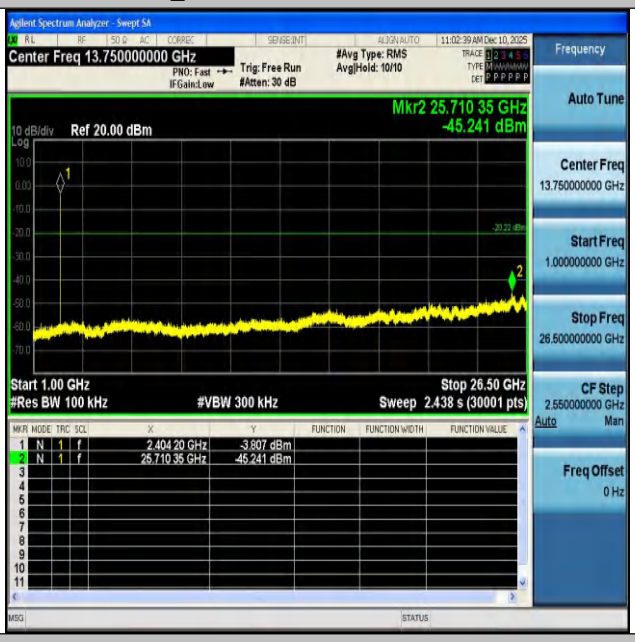
BLE_2M-Ant1-2404-0~Reference-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



BLE_2M-Ant1-2404-30~1000-PASS

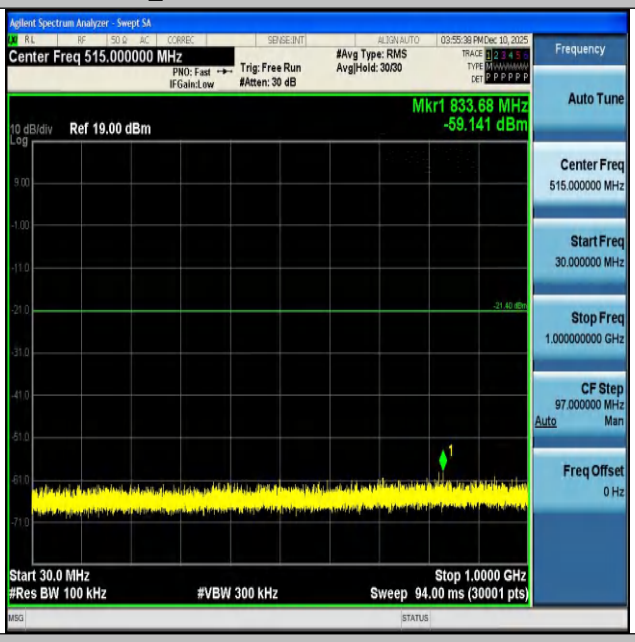


BLE_2M-Ant1-2404-1000~26500-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

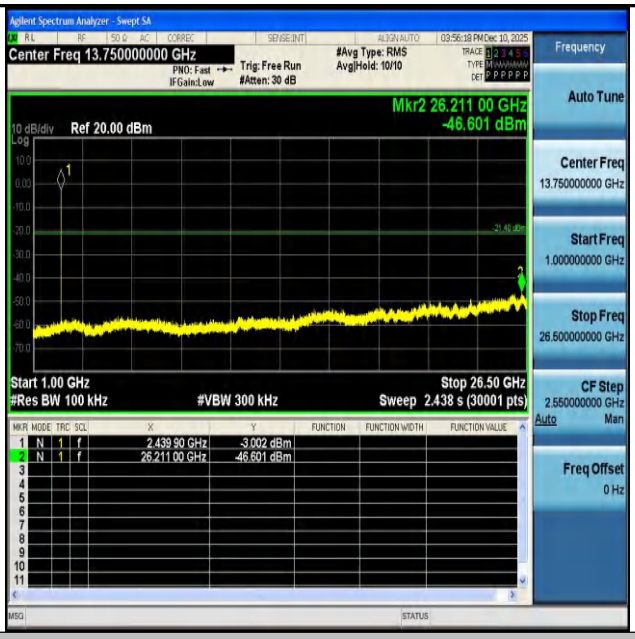
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

BLE_2M-Ant1-2440-0~Reference-PASS



BLE_2M-Ant1-2440-30~1000-PASS

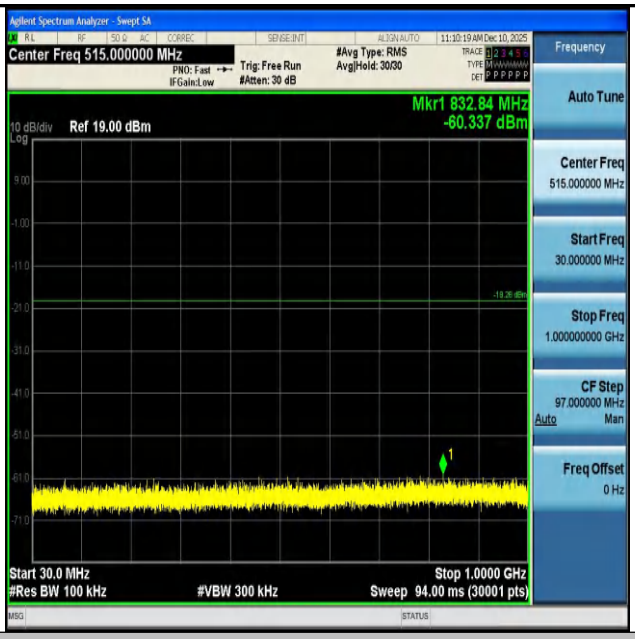
Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



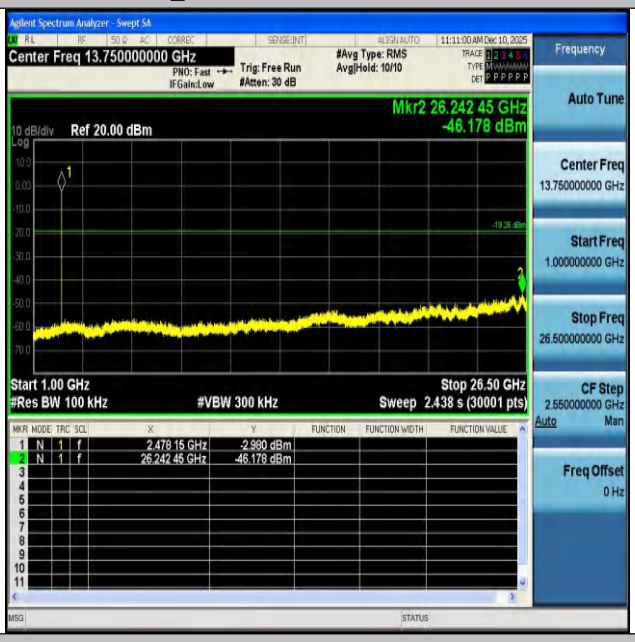
BLE_2M-Ant1-2440-1000~26500-PASS

BLE_2M-Ant1-2478-0~Reference-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



BLE_2M-Ant1-2478-30~1000-PASS



BLE_2M-Ant1-2478-1000~26500-PASS

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

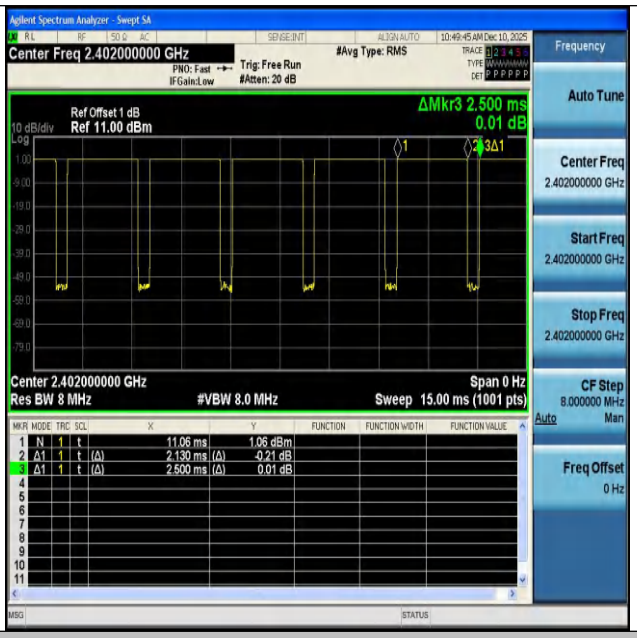
Appendix G: Duty Cycle

Test Result

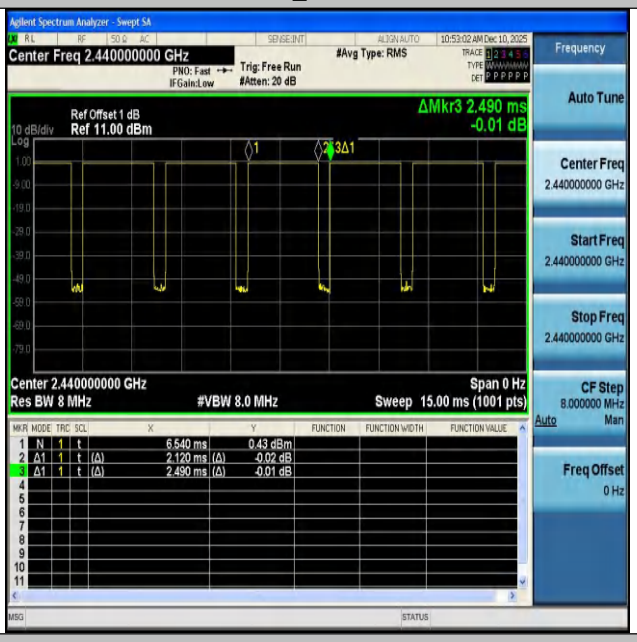
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2440	2.12	2.49	85.14	0.70
BLE_1M	Ant1	2480	2.11	2.49	84.74	0.72
BLE_2M	Ant1	2404	1.08	1.88	57.45	2.41
BLE_2M	Ant1	2440	1.06	1.87	56.68	2.47
BLE_2M	Ant1	2478	1.06	1.87	56.68	2.47

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Test Graphs

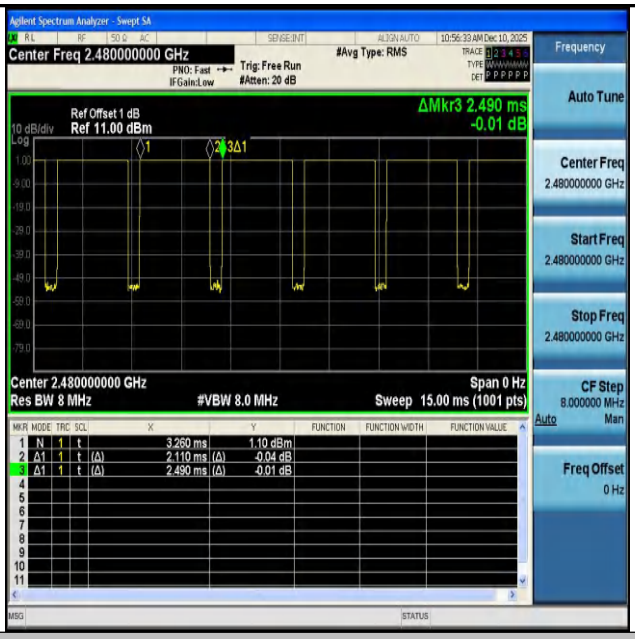


NTNV-BLE_1M-Ant1-2402

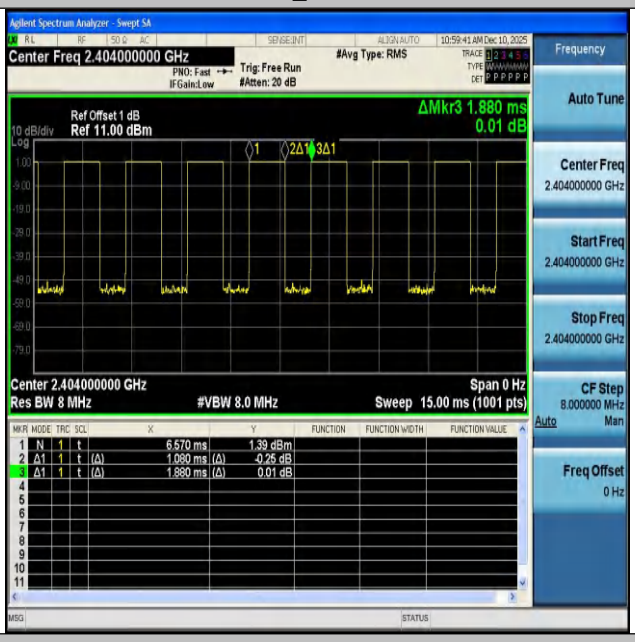


NTNV-BLE_1M-Ant1-2440

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



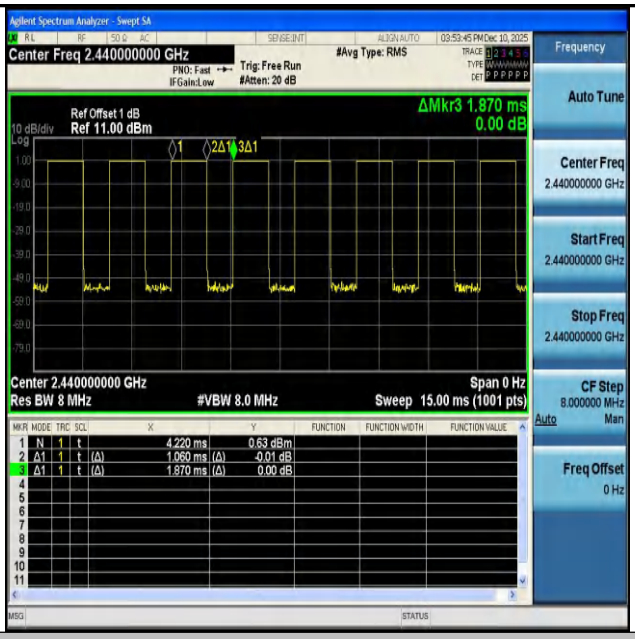
NTNV-BLE_1M-Ant1-2480



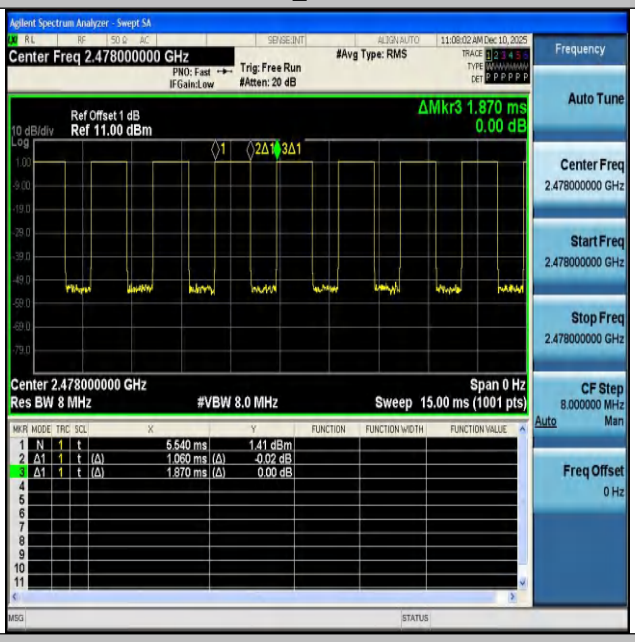
NTNV-BLE_2M-Ant1-2404

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com



NTNV-BLE_2M-Ant1-2440



NTNV-BLE_2M-Ant1-2478

---End---

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com