Appendix Test Data

Report No.:	1812C60051812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-20	Finish Test Date:	2026-1-28
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	22.1℃	Relative Humidity:	61%
Pressure:	101kPa		

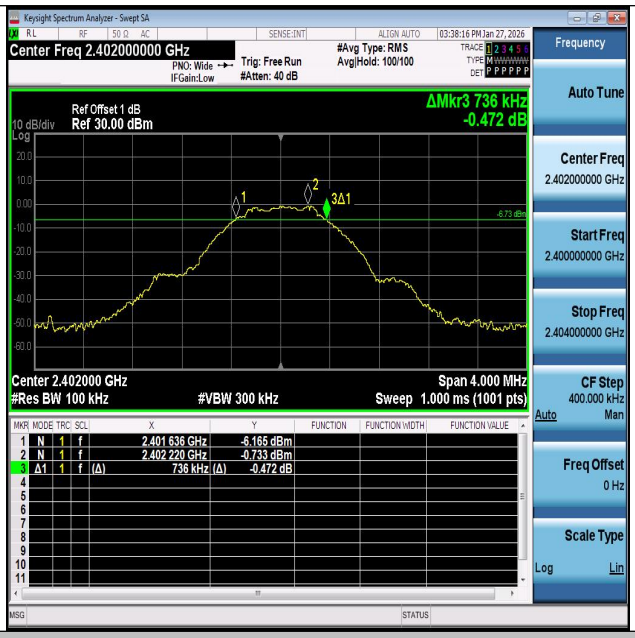
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.736	2401.636	2402.372	0.5	PASS
BLE_1M	Ant1	2440	0.628	2439.700	2440.328	0.5	PASS
BLE_1M	Ant1	2480	0.656	2479.668	2480.324	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

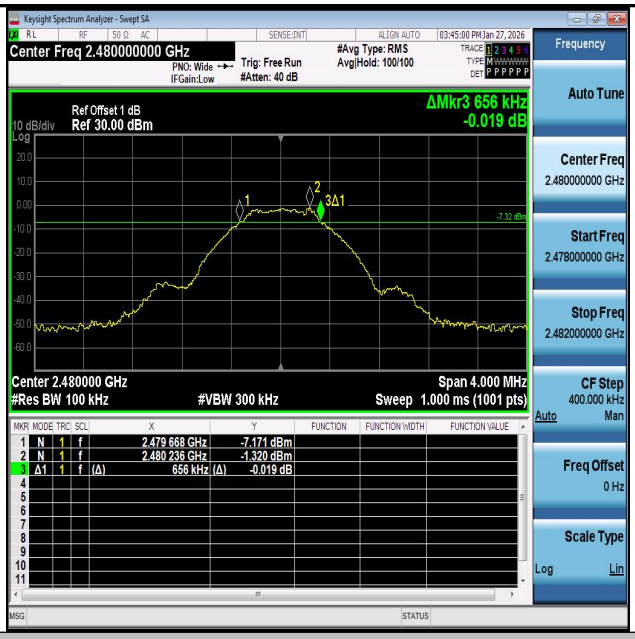
Test Graphs



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

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

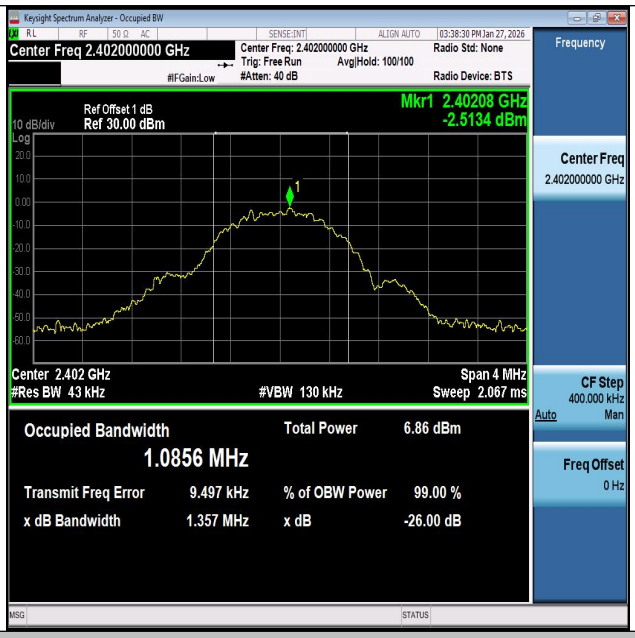
Appendix B: 99% Occupied Bandwidth

Test Result

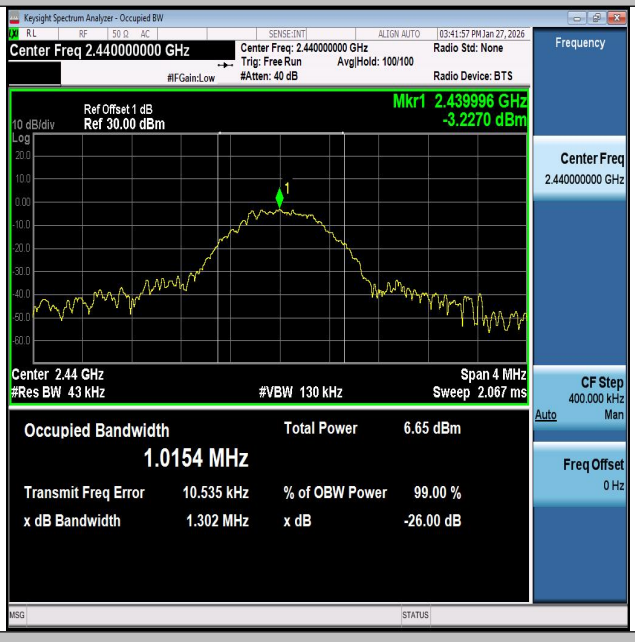
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0856	2401.4667	2402.5523	---	---
BLE_1M	Ant1	2440	1.0154	2439.5028	2440.5182	---	---
BLE_1M	Ant1	2480	1.0176	2479.5028	2480.5204	---	---

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

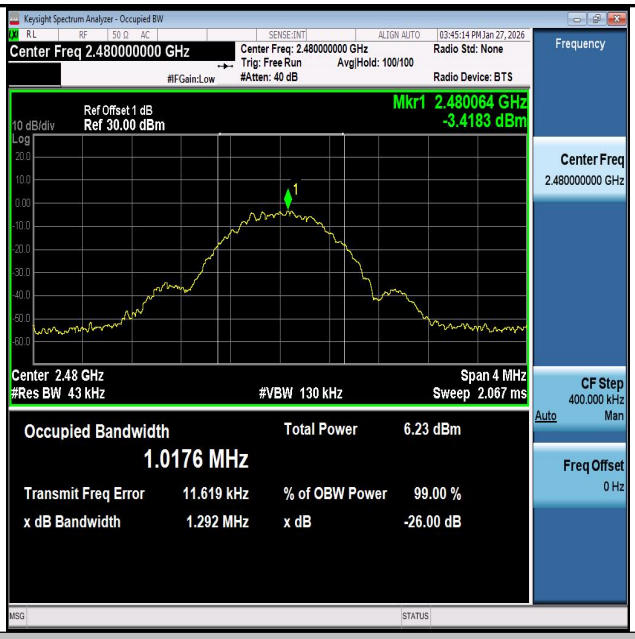


BLE_1M-Ant1-2402



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

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.

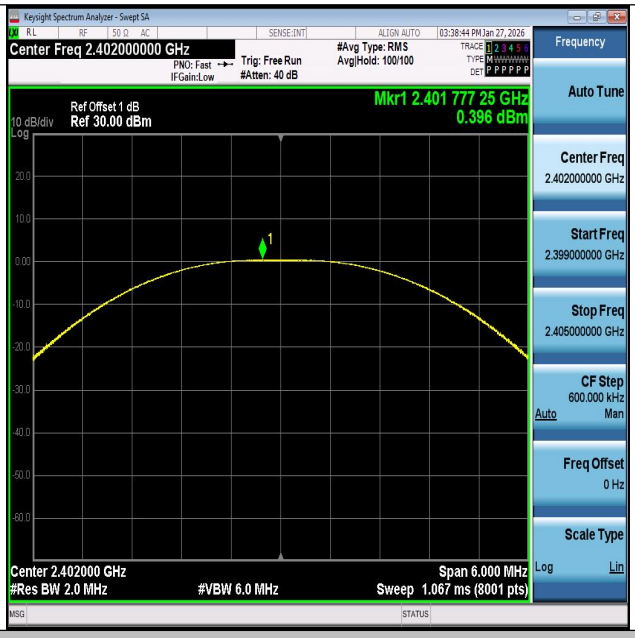
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

Appendix C: Maximum conducted output power

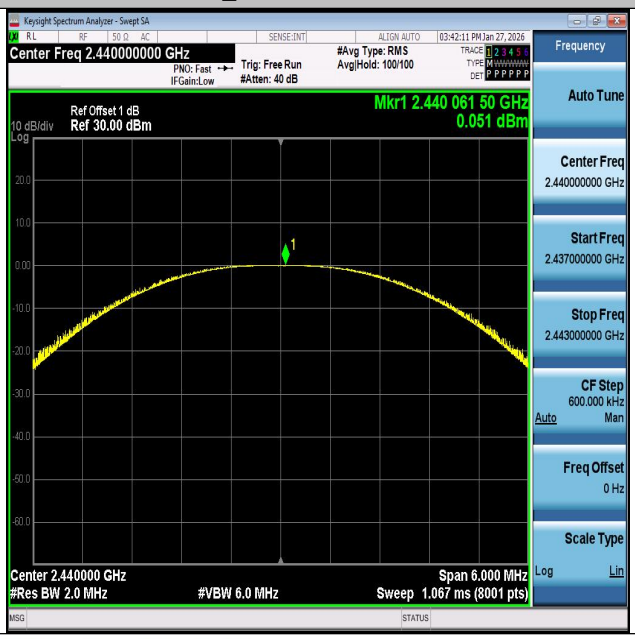
Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.40	≤30	PASS
BLE_1M	Ant1	2440	0.05	≤30	PASS
BLE_1M	Ant1	2480	-0.40	≤30	PASS

Test Graphs Peak

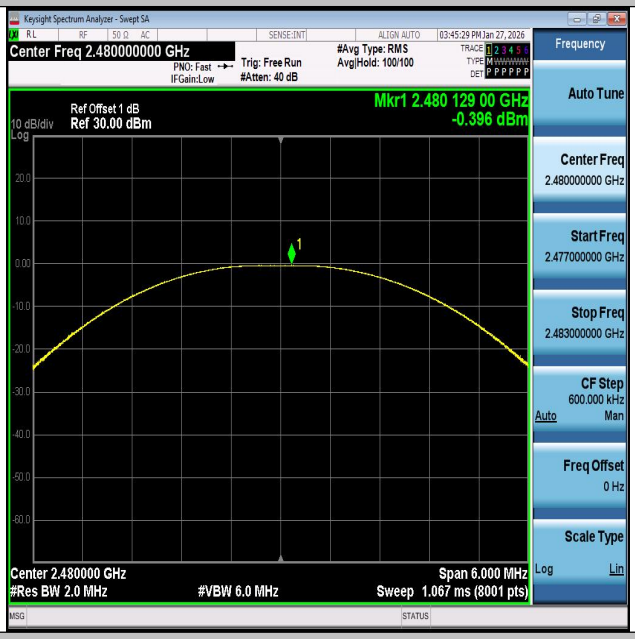


BLE_1M-Ant1-2402-PASS



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-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

Appendix D: Maximum power spectral density

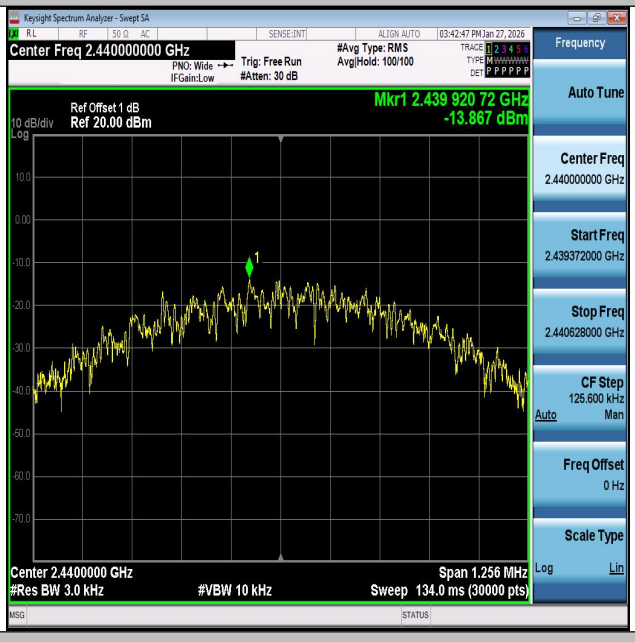
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.50	≤8.00	PASS
BLE_1M	Ant1	2440	-13.87	≤8.00	PASS
BLE_1M	Ant1	2480	-14.59	≤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

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

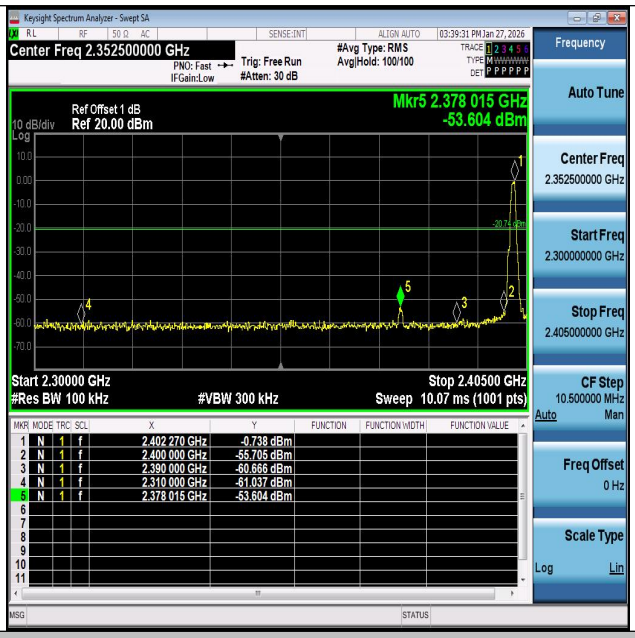
Appendix E: Band edge measurements

Test Result

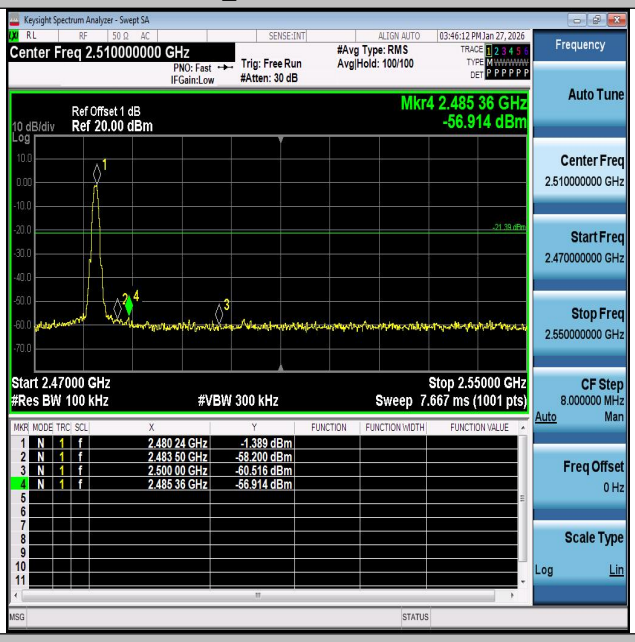
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.74	-53.6	≤-20.74	PASS
BLE_1M	Ant1	High	2480	-1.39	-56.91	≤-21.39	PASS

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

Appendix F: Conducted Spurious Emission

Test Result

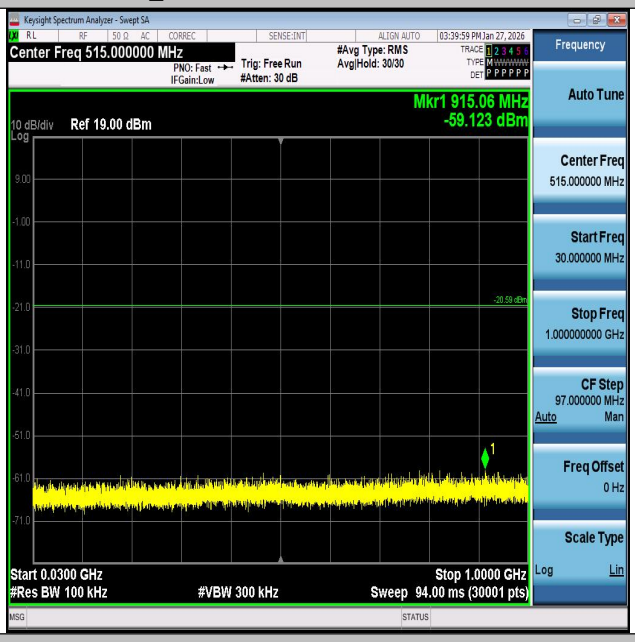
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.59	-0.59	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.59	-59.12	≤-20.59	PASS
BLE_1M	Ant1	2402	1000~26500	-0.59	-39.54	≤-20.59	PASS
BLE_1M	Ant1	2440	0~Reference	-0.86	-0.86	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.86	-58.92	≤-20.86	PASS
BLE_1M	Ant1	2440	1000~26500	-0.86	-39.21	≤-20.86	PASS
BLE_1M	Ant1	2480	0~Reference	-1.46	-1.46	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.46	-59.19	≤-21.46	PASS
BLE_1M	Ant1	2480	1000~26500	-1.46	-38.98	≤-21.46	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

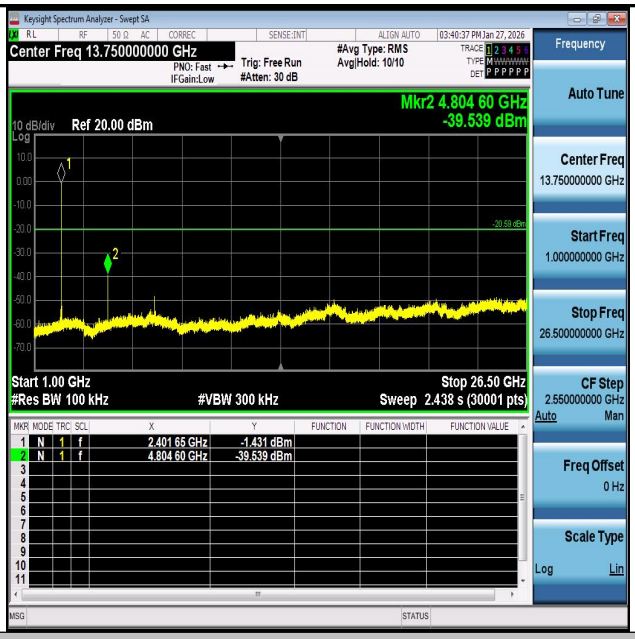
Test Graphs

BLE_1M-Ant1-2402-0~Reference-PASS

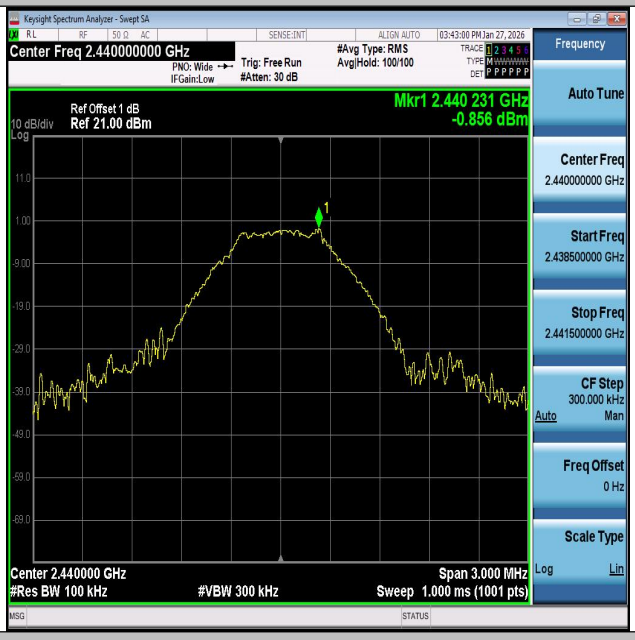


BLE_1M-Ant1-2402-30~1000-PASS

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



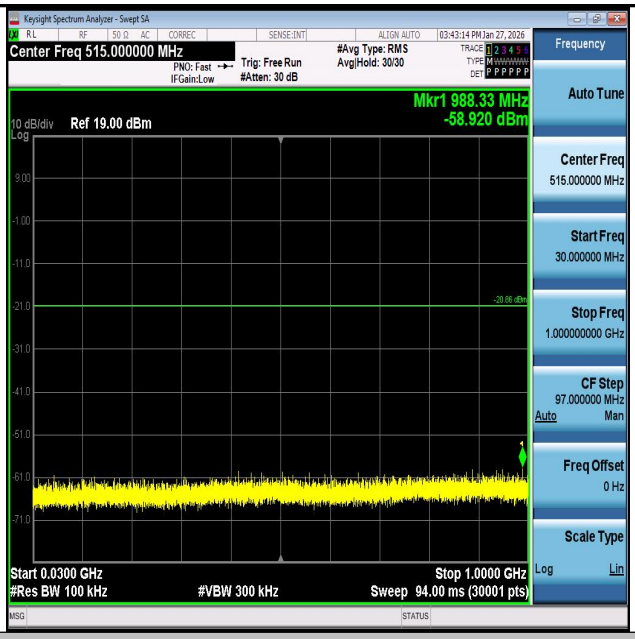
BLE_1M-Ant1-2402-1000~26500-PASS



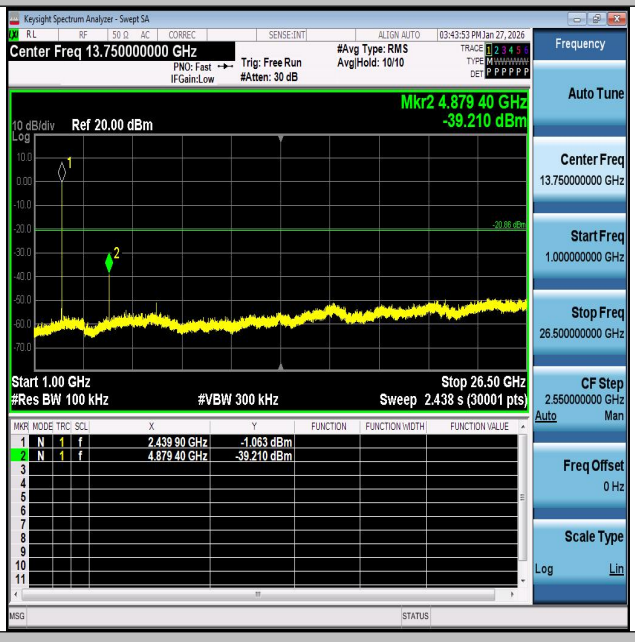
BLE_1M-Ant1-2440-0~Reference-PASS

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

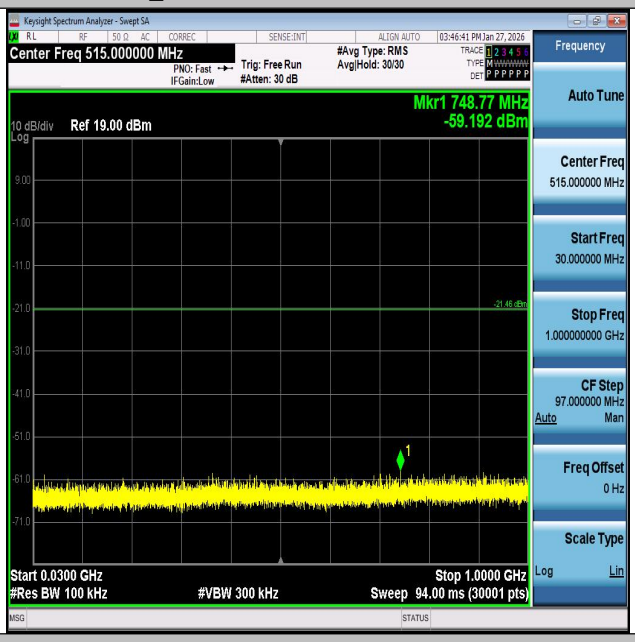


BLE_1M-Ant1-2440-1000~26500-PASS

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

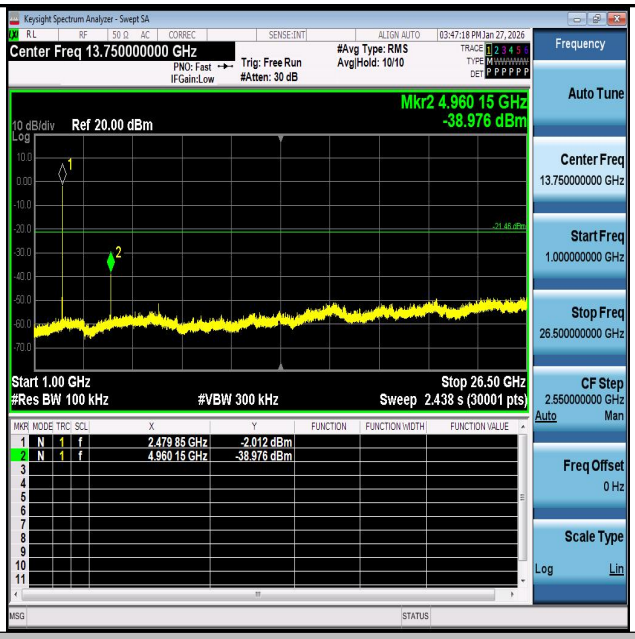
BLE_1M-Ant1-2480-0~Reference-PASS



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

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

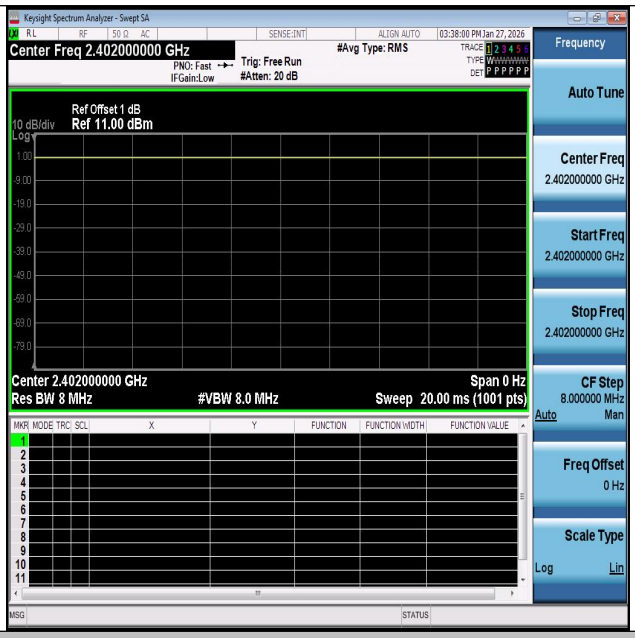
Appendix G: Duty Cycle

Test Result

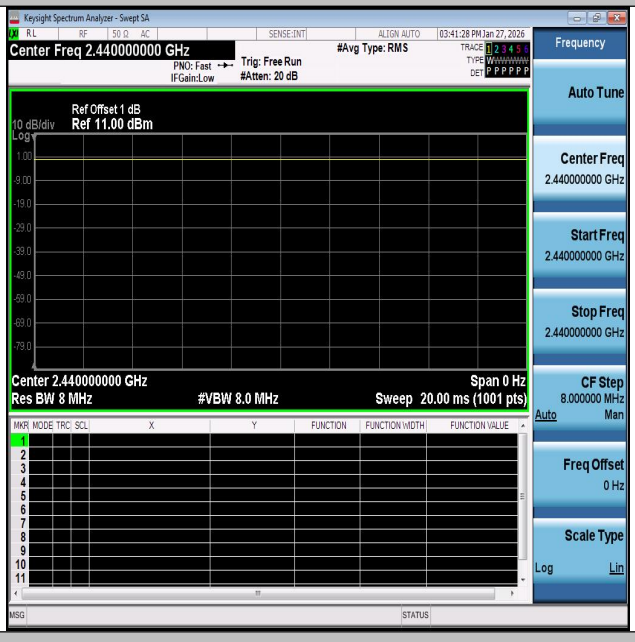
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	20.00	20.00	100.00	0.00
BLE_1M	Ant1	2440	20.00	20.00	100.00	0.00
BLE_1M	Ant1	2480	20.00	20.00	100.00	0.00

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

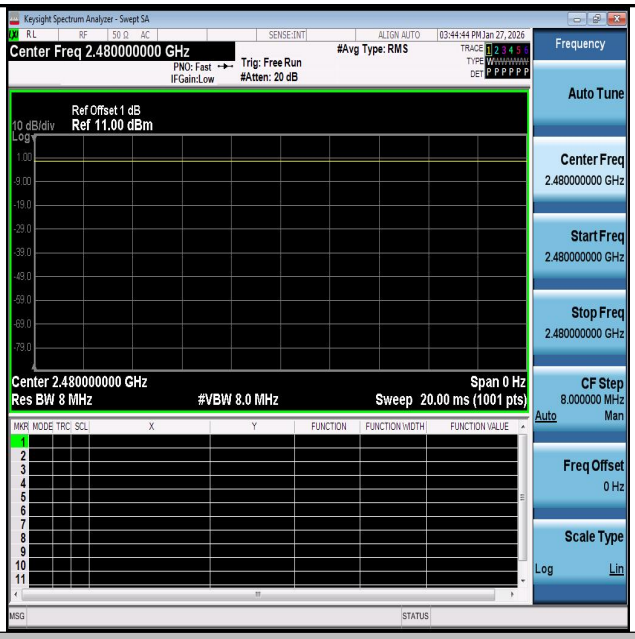


NTNV-BLE_1M-Ant1-2402



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

---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