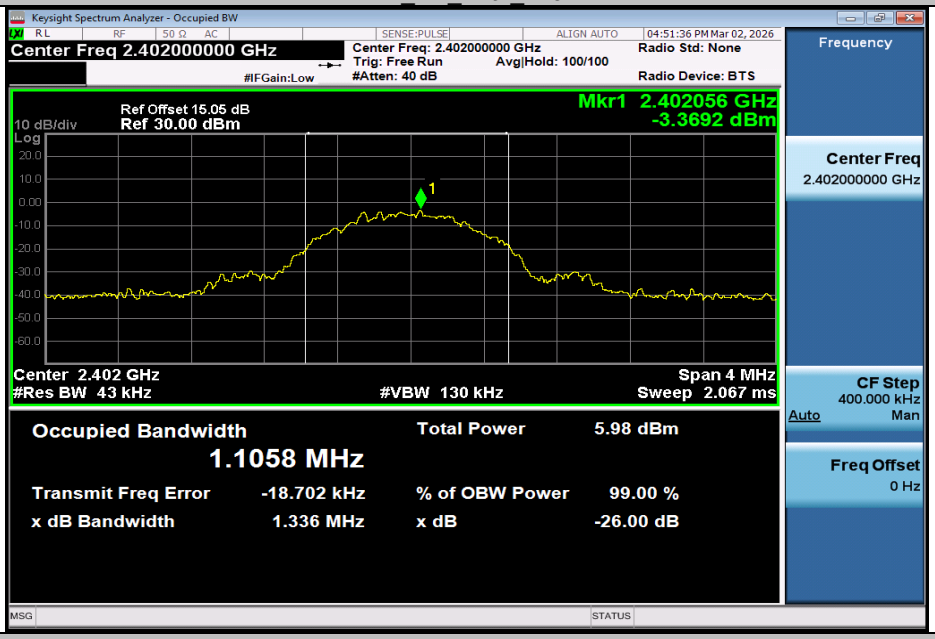
Moment arm 2:

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

BLE_1M_Ant1_2480

APPENDIX F- MAXIMUM OUTPUT POWER

Principal machine:

Test Mode	Antenna	Freq (MHz)	Conducted Peak Powert [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	1.19	≤30	PASS
		2440	1.53	≤30	PASS
		2480	**2.20**	≤30	PASS
BLE_2M	Ant1	2402	1.20	≤30	PASS
		2440	2.12	≤30	PASS
		2480	2.16	≤30	PASS

Moment arm 1:

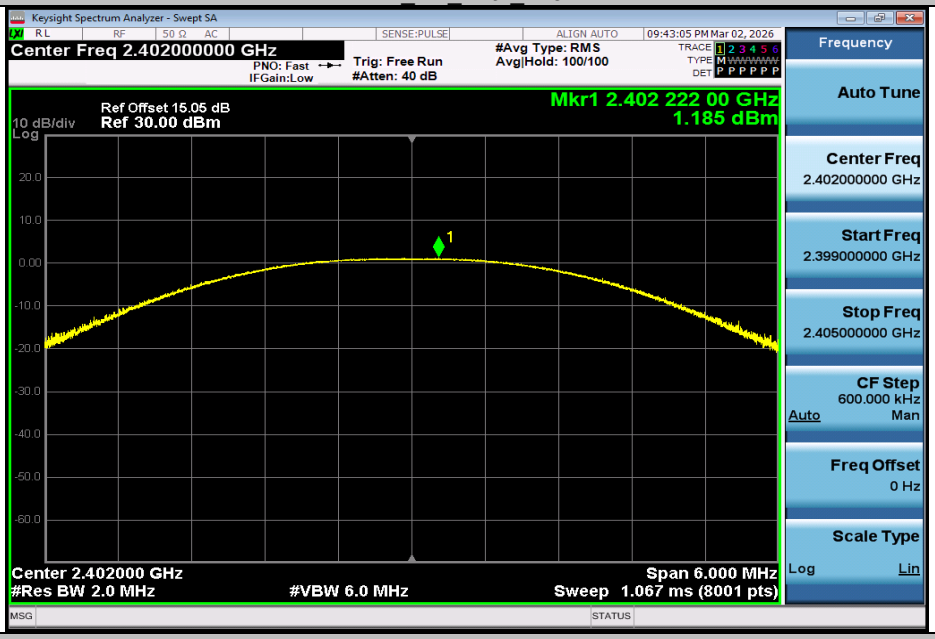
Test Mode	Antenna	Freq (MHz)	Conducted Peak Powert [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0.88	≤30	PASS
		2440	**0.92**	≤30	PASS
		2480	0.87	≤30	PASS

Moment arm 2:

Test Mode	Antenna	Freq (MHz)	Conducted Peak Powert [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0.05	≤30	PASS
		2440	0.42	≤30	PASS
		2480	**0.54**	≤30	PASS

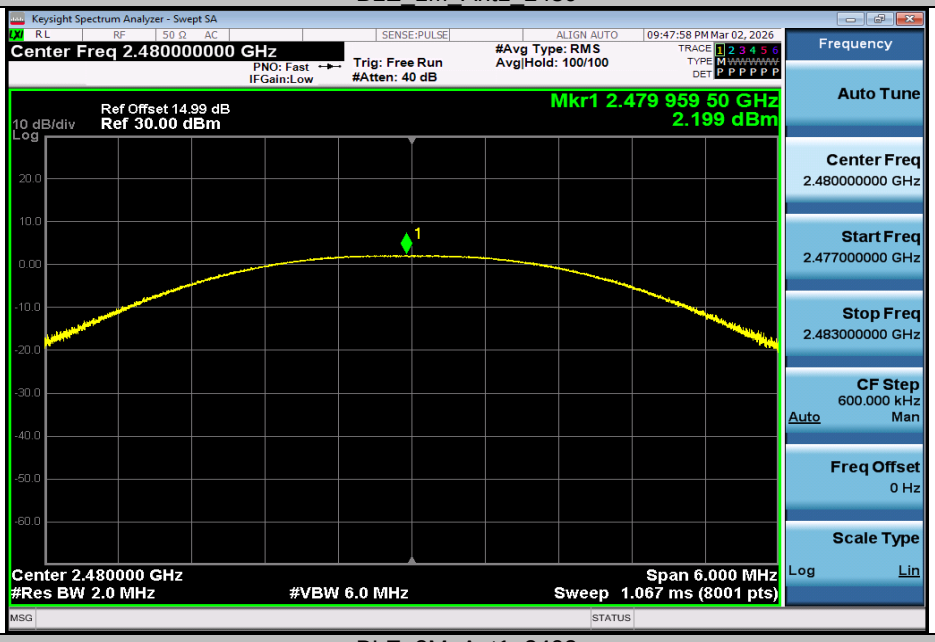
Test Graphs
Principal machine:

BLE_1M_Ant1_2402



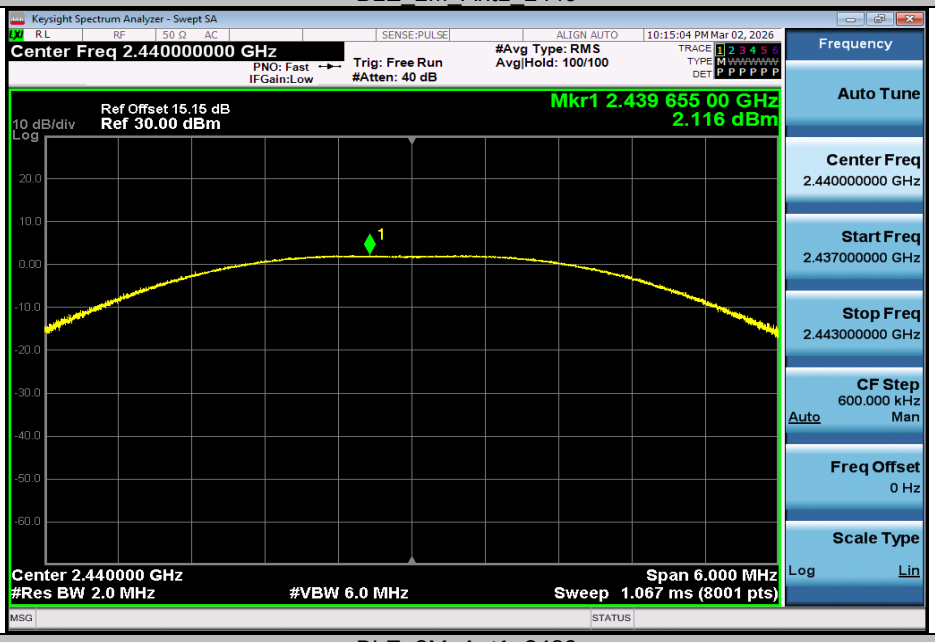
BLE_1M_Ant1_2440

BLE_1M_Ant1_2480



BLE_2M_Ant1_2402

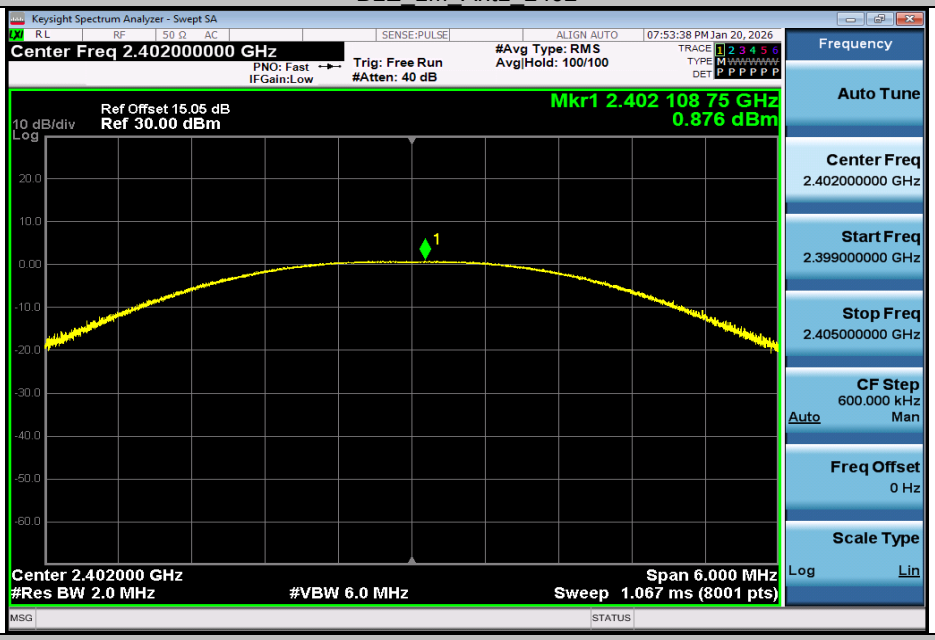
BLE_2M_Ant1_2440



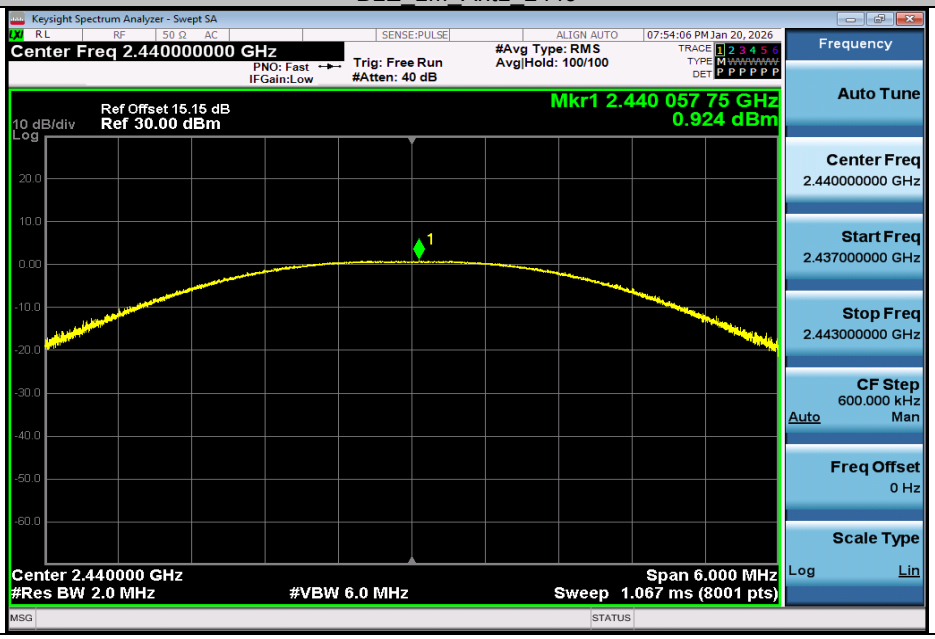
BLE_2M_Ant1_2480

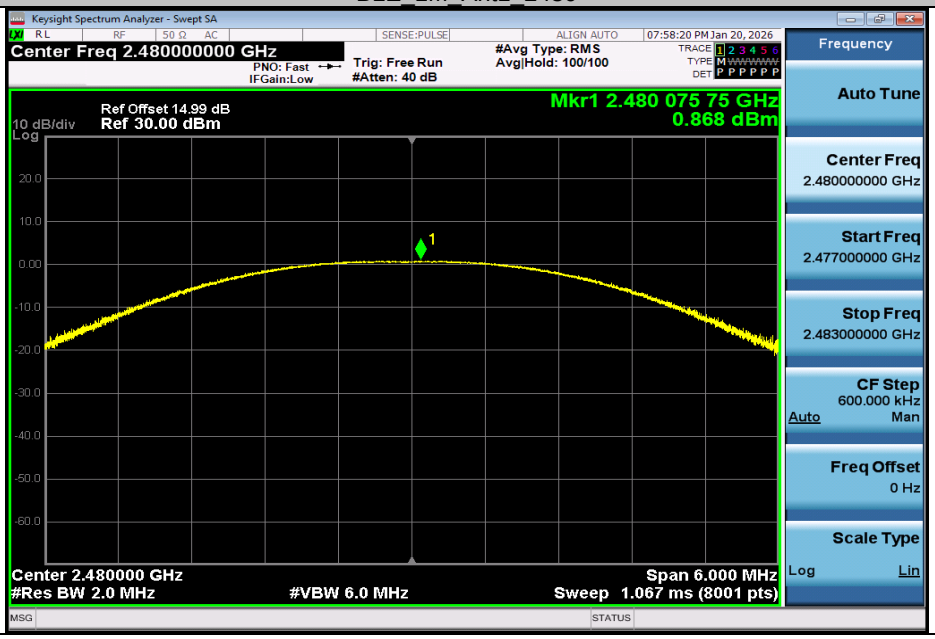
Moment arm 1:

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

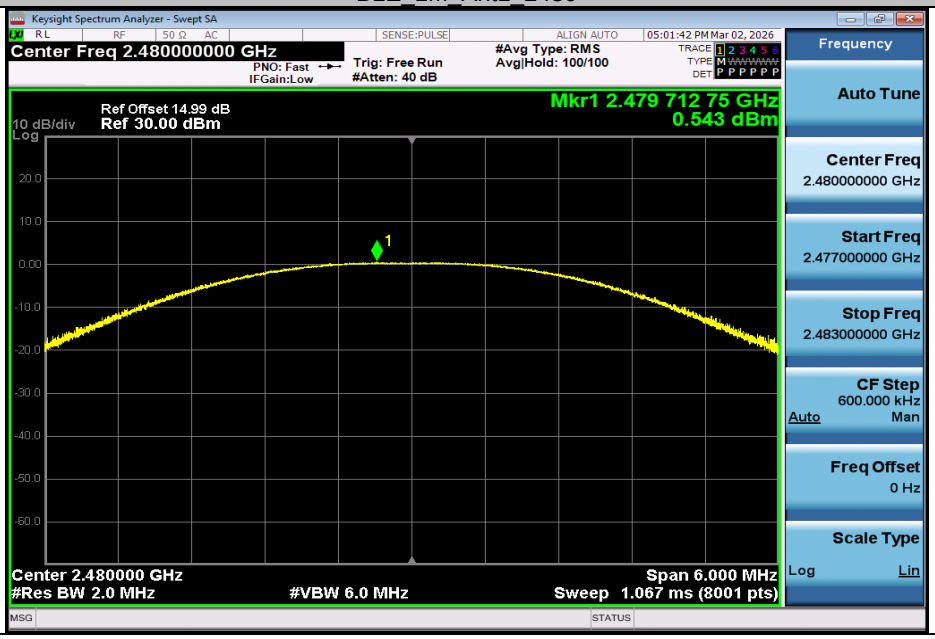


BLE_1M_Ant1_2480


Moment arm 2:

BLE_1M_Ant1_2402

BLE_1M_Ant1_2440

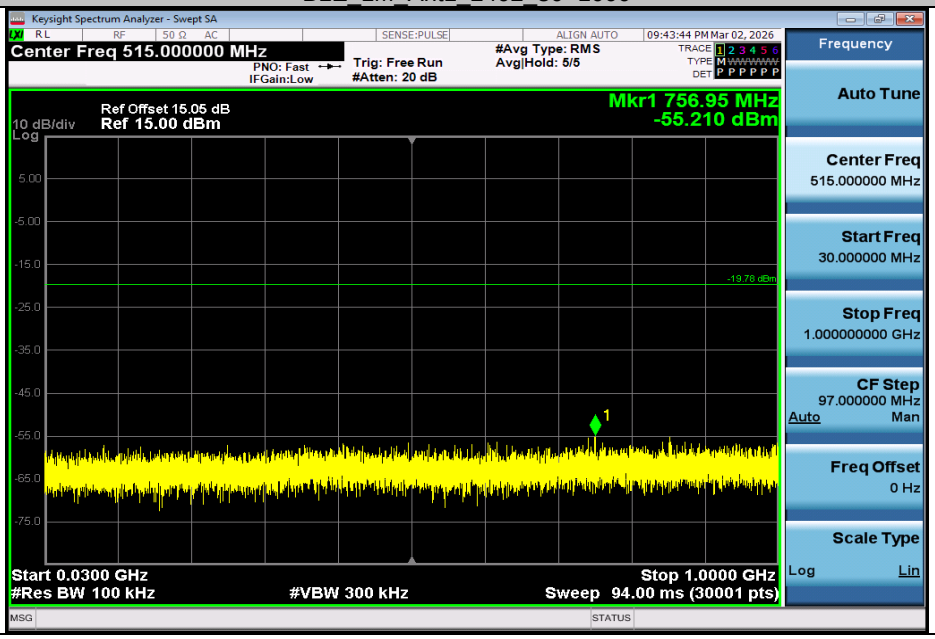
BLE_1M_Ant1_2480


APPENDIX G- CONDUCTED SPURIOUS EMISSION

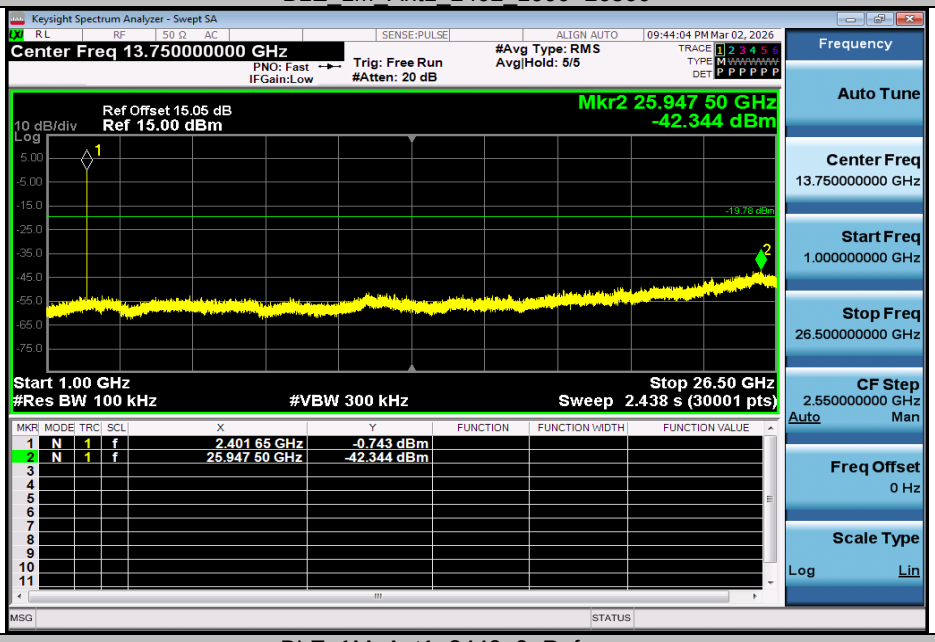
Conducted Spurious Emission
Principal machine:

BLE_1M_Ant1_2402_0~Reference

BLE_1M_Ant1_2402_30~1000

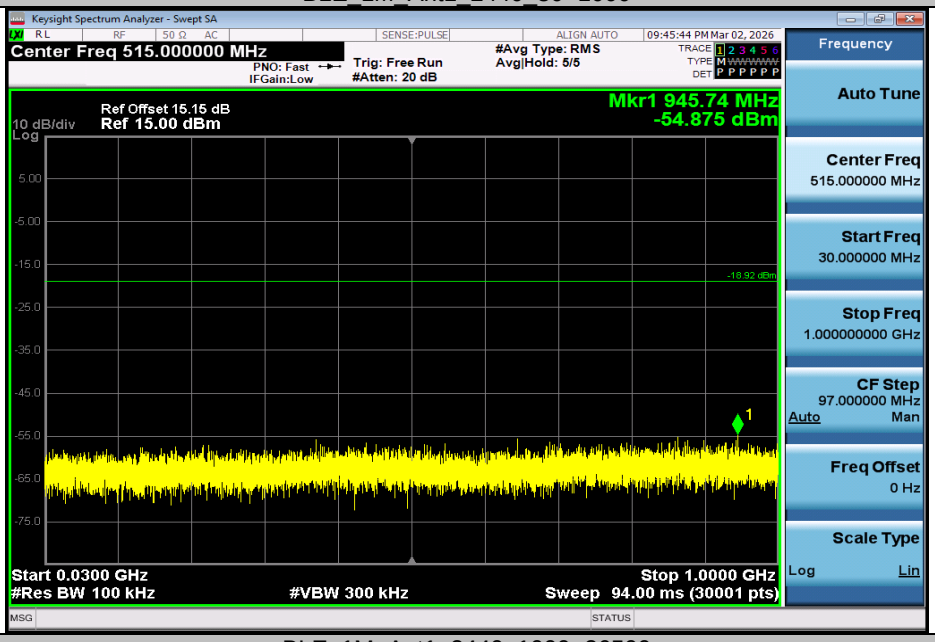


BLE_1M_Ant1_2402_1000~26500

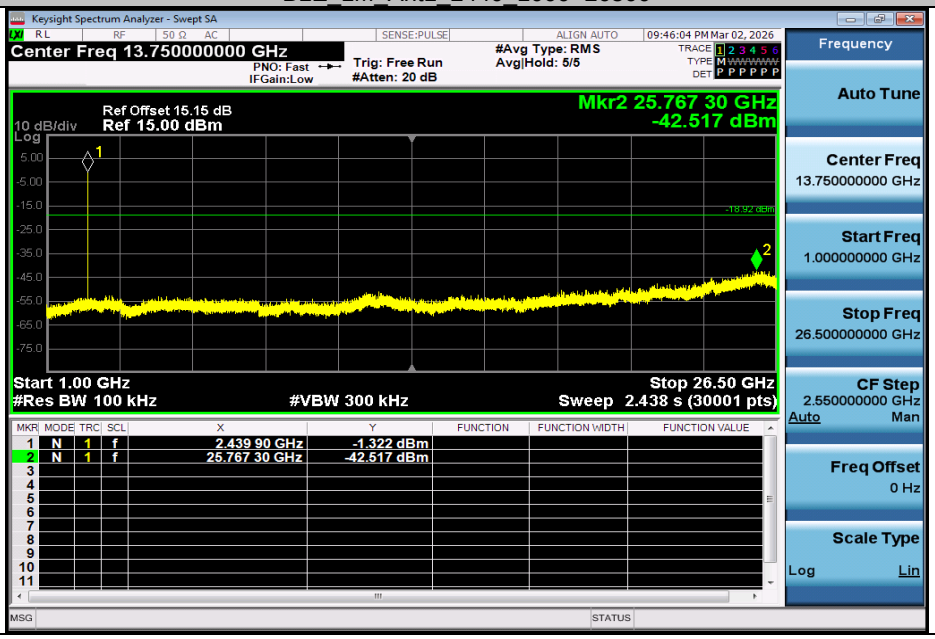


BLE_1M_Ant1_2440_0~Reference

BLE_1M_Ant1_2440_30~1000

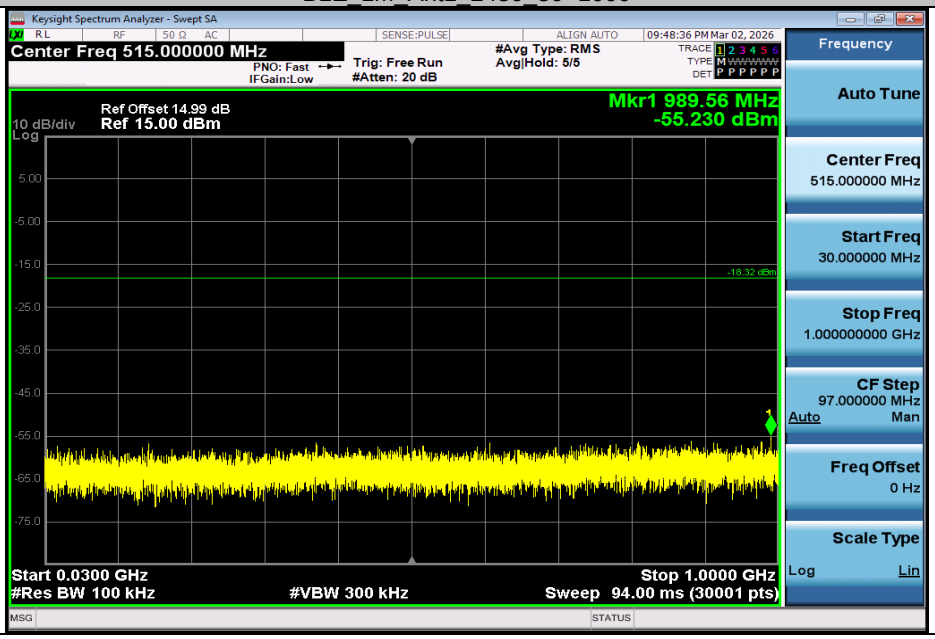


BLE_1M_Ant1_2440_1000~26500

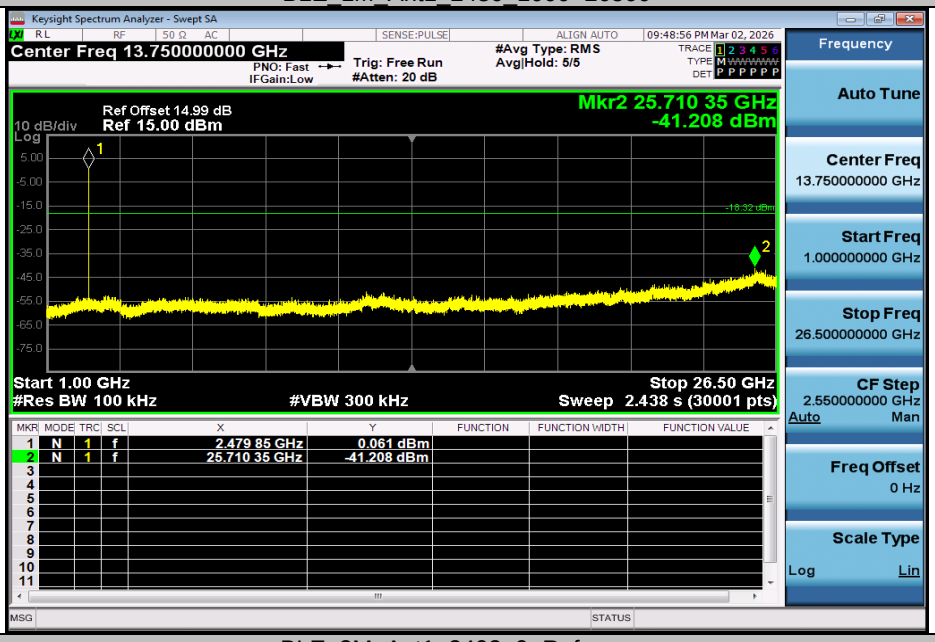


BLE_1M_Ant1_2480_0~Reference

BLE_1M_Ant1_2480_30~1000

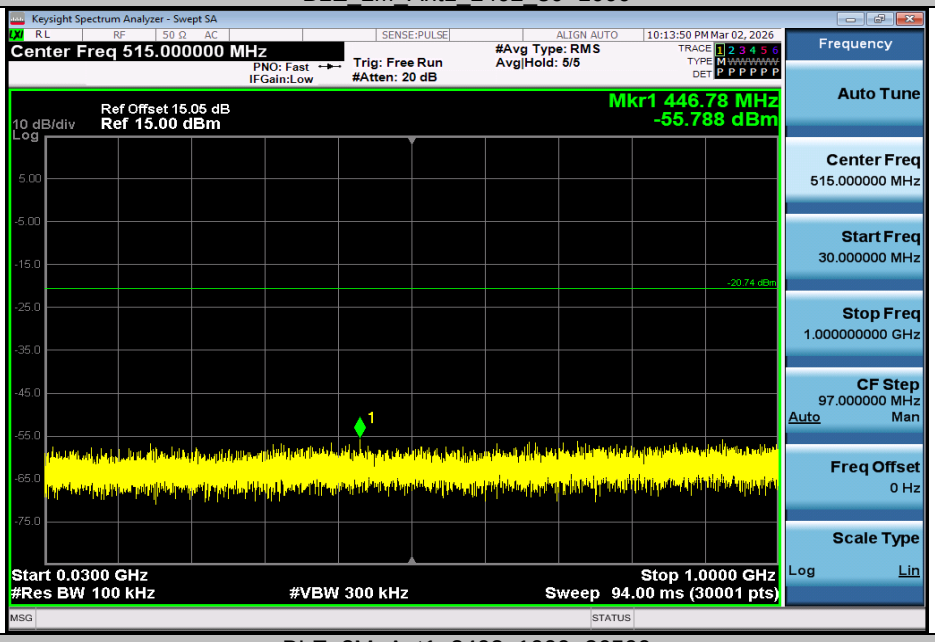


BLE_1M_Ant1_2480_1000~26500

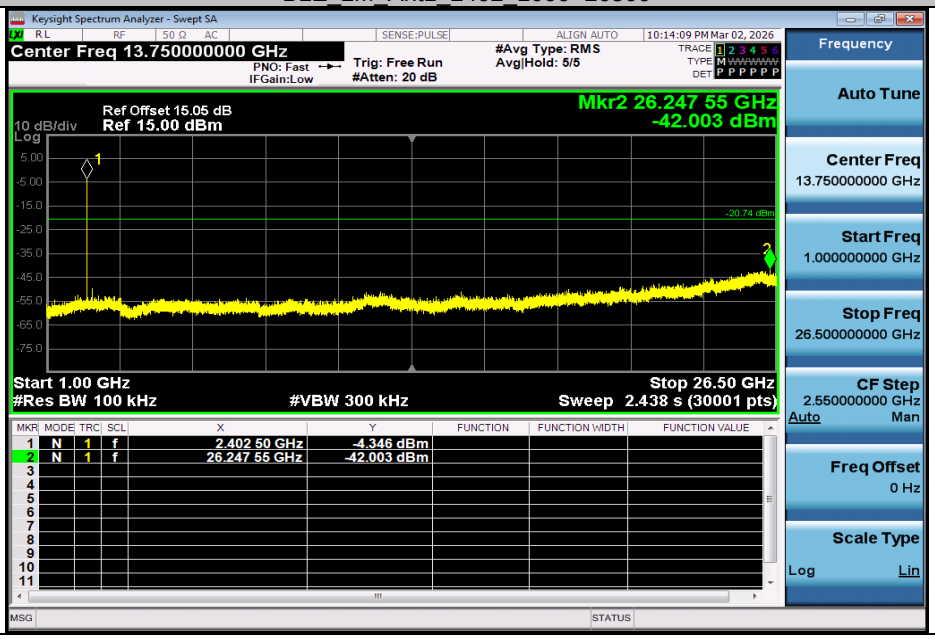


BLE_2M_Ant1_2402_0~Reference

BLE_2M_Ant1_2402_30~1000

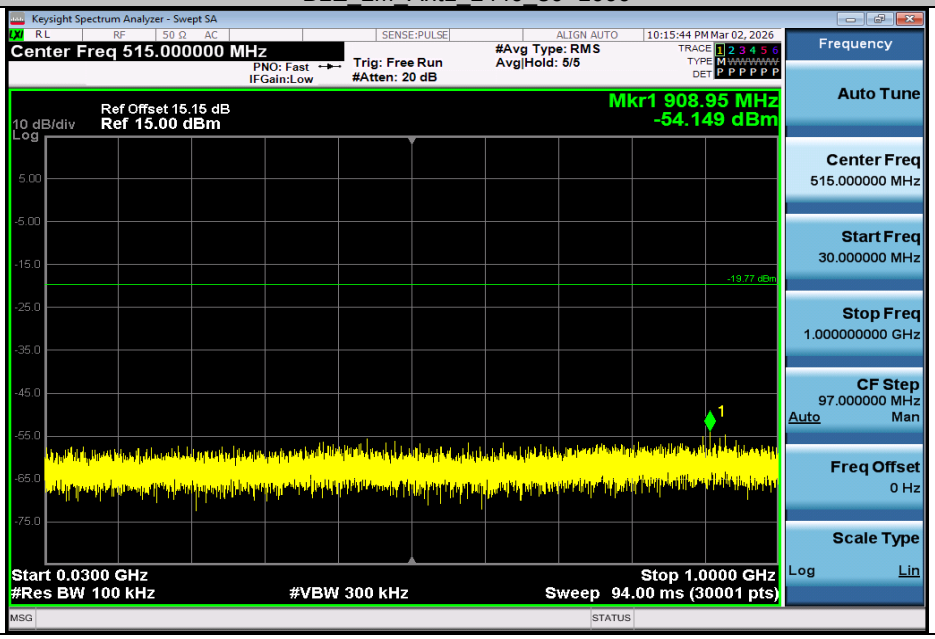


BLE_2M_Ant1_2402_1000~26500

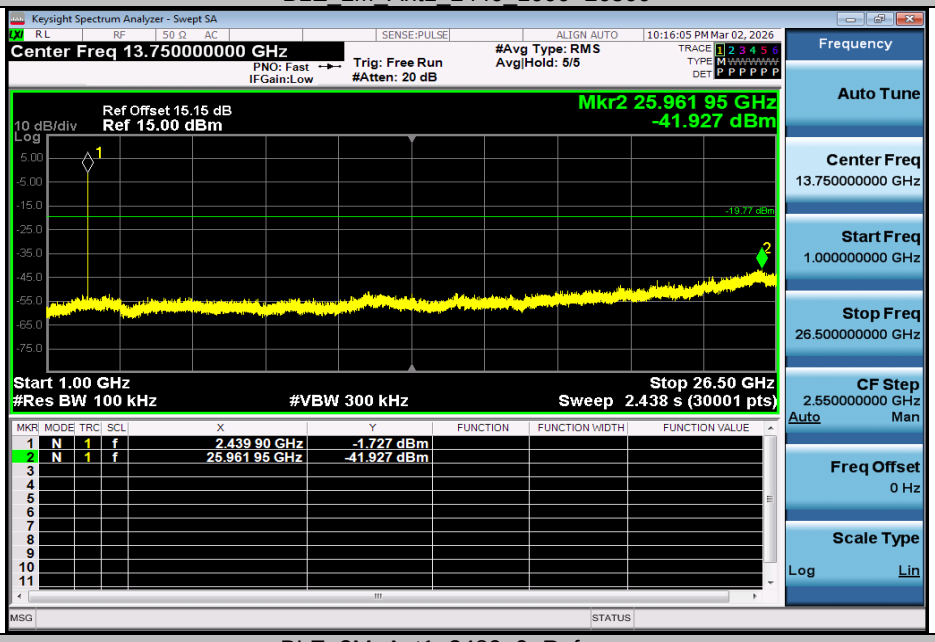


BLE_2M_Ant1_2440_0~Reference

BLE_2M_Ant1_2440_30~1000

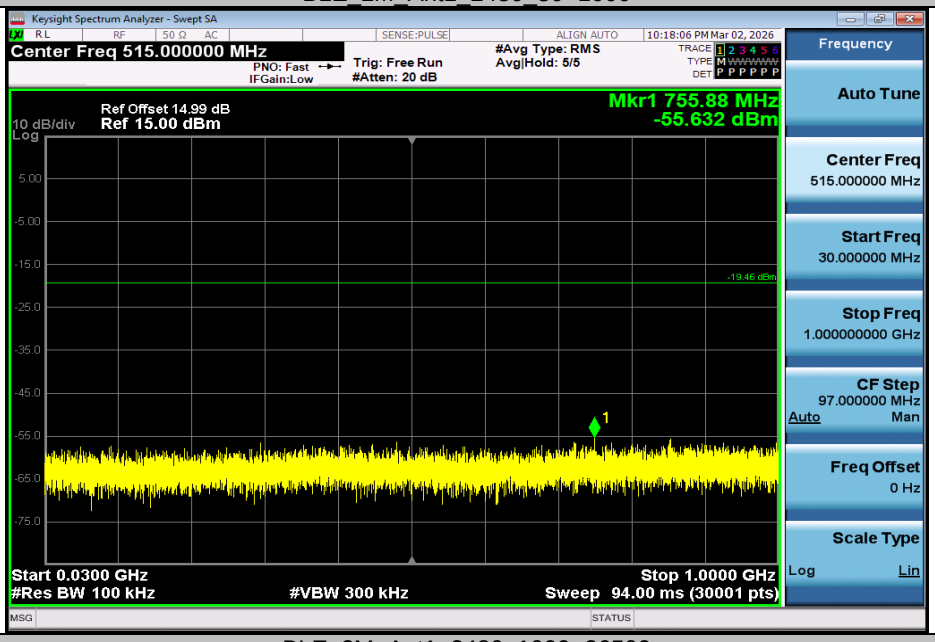


BLE_2M_Ant1_2440_1000~26500

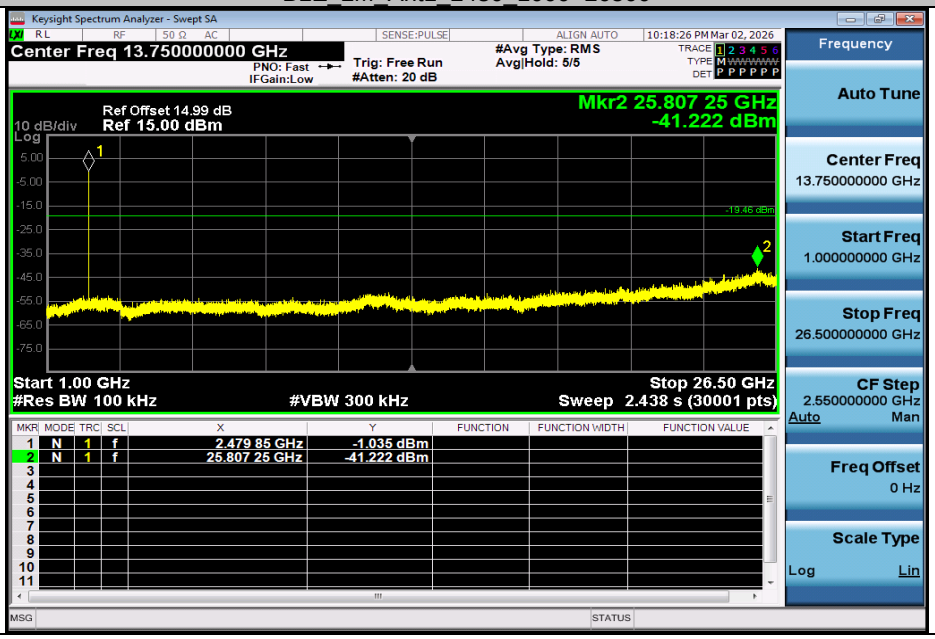


BLE_2M_Ant1_2480_0~Reference

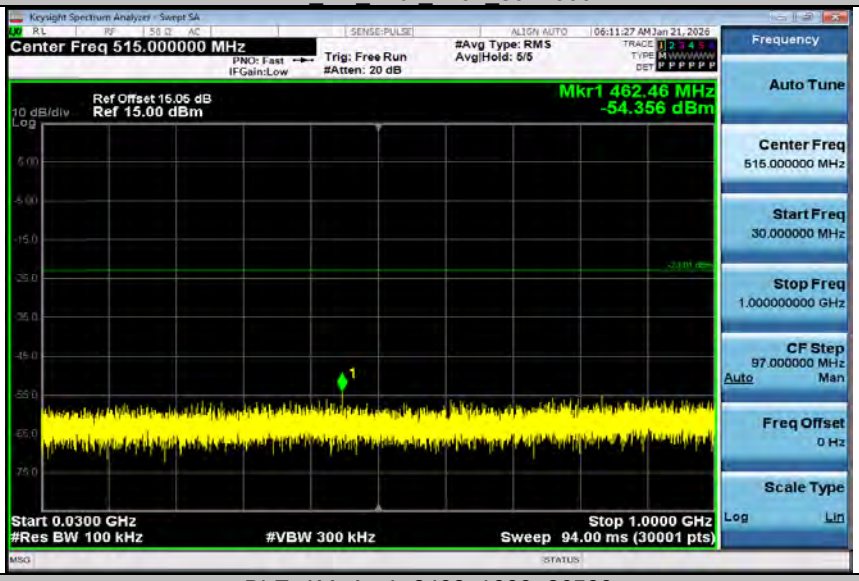
BLE_2M_Ant1_2480_30~1000

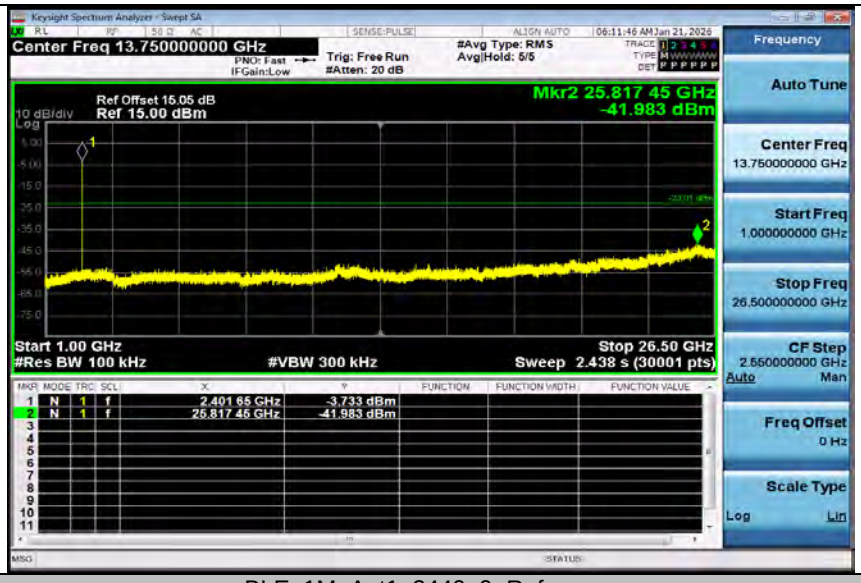


BLE_2M_Ant1_2480_1000~26500



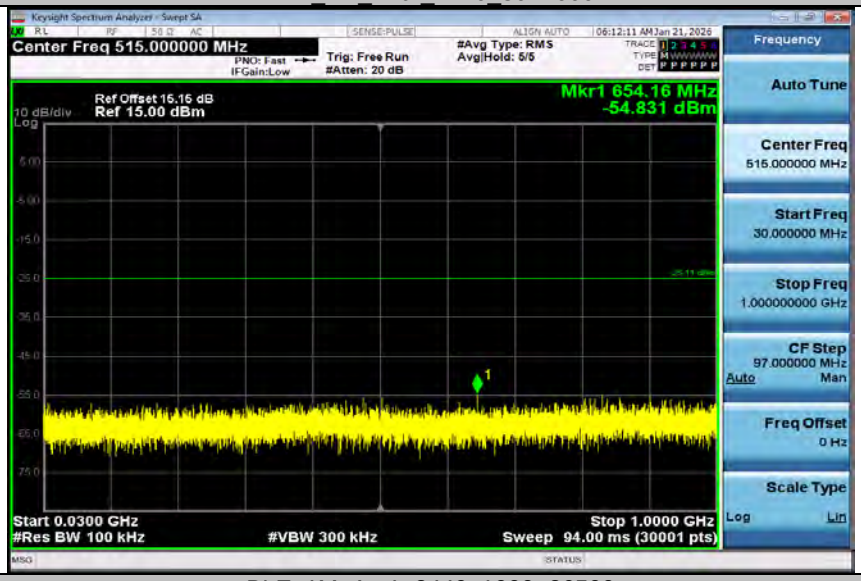
Moment arm 1:

BLE_1M_Ant1_2402_0~Reference
BLE_1M_Ant1_2402_30~1000

BLE_1M_Ant1_2402_1000~26500

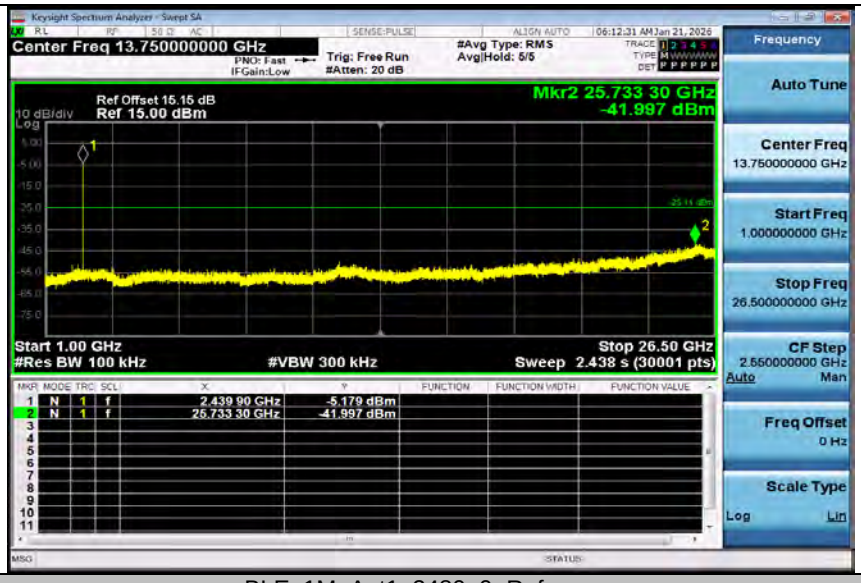


BLE_1M_Ant1_2440_0~Reference

BLE_1M_Ant1_2440_30~1000

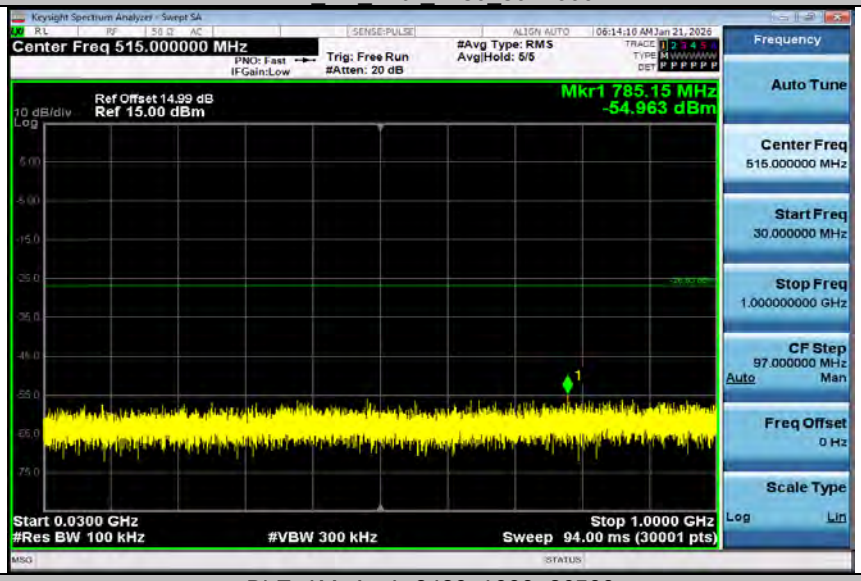


BLE_1M_Ant1_2440_1000~26500

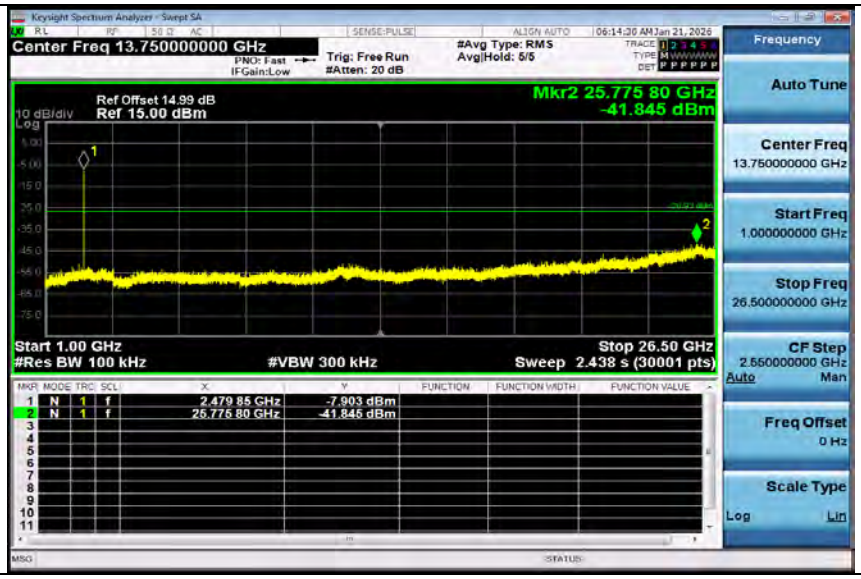


BLE_1M_Ant1_2480_0~Reference

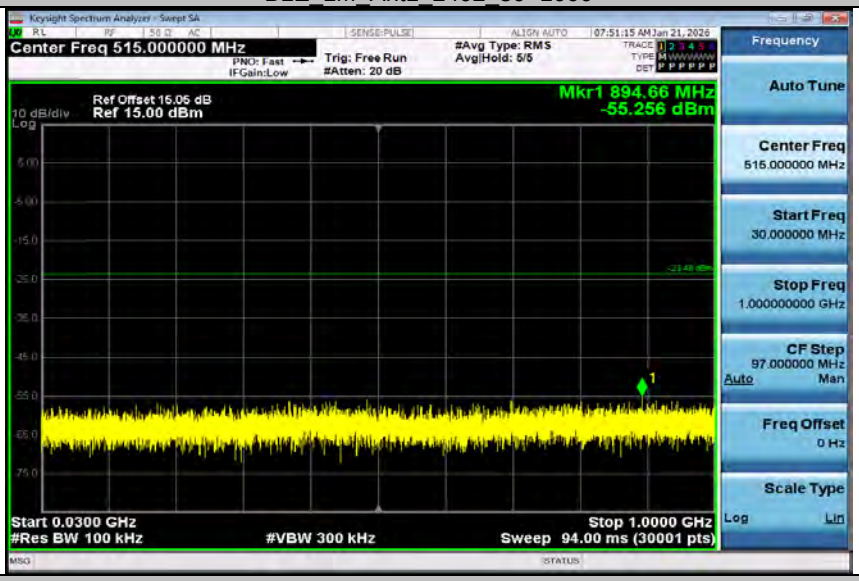
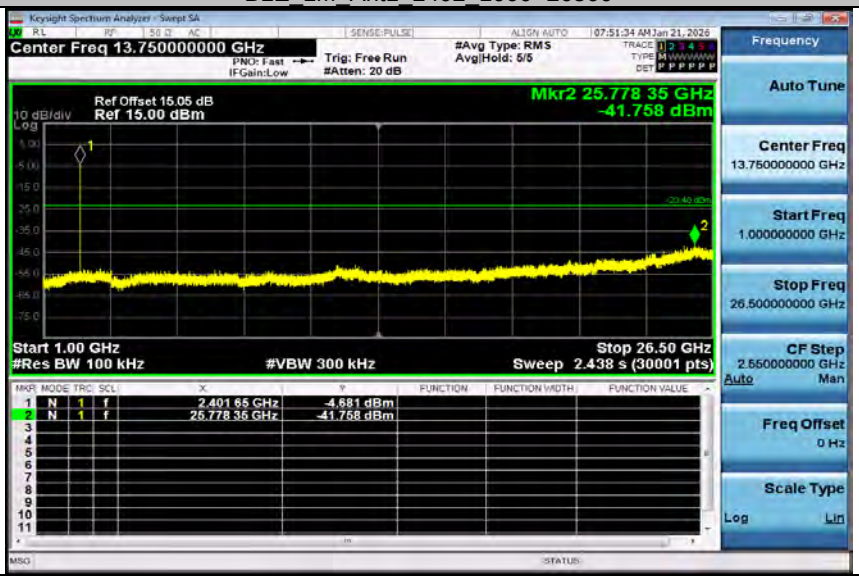
BLE_1M_Ant1_2480_30~1000

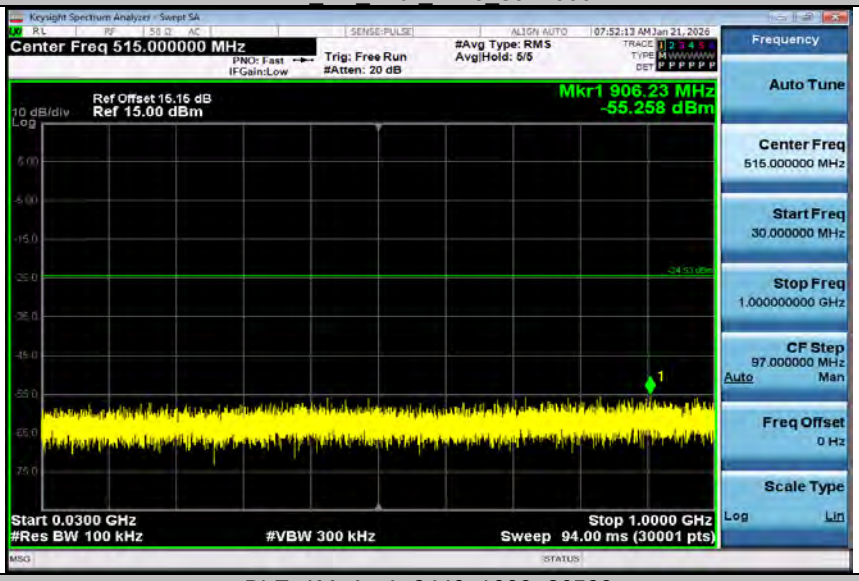
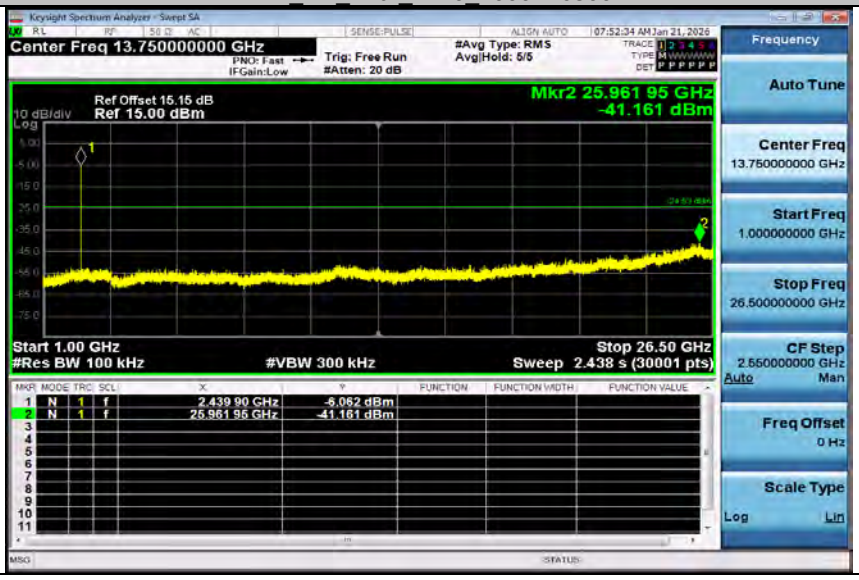


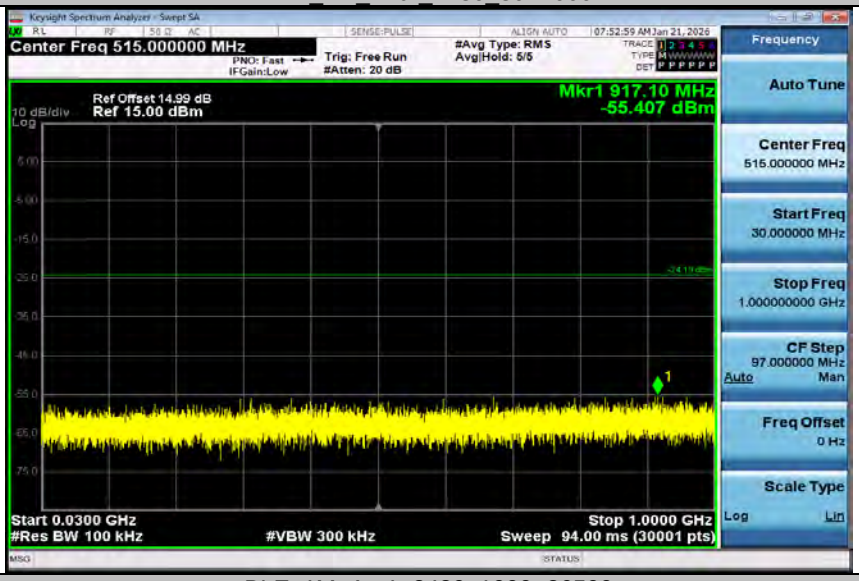
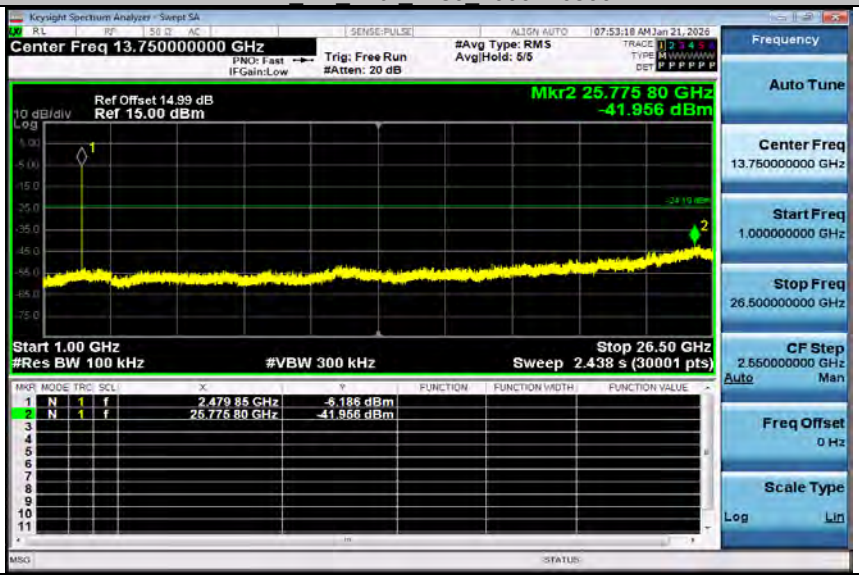
BLE_1M_Ant1_2480_1000~26500

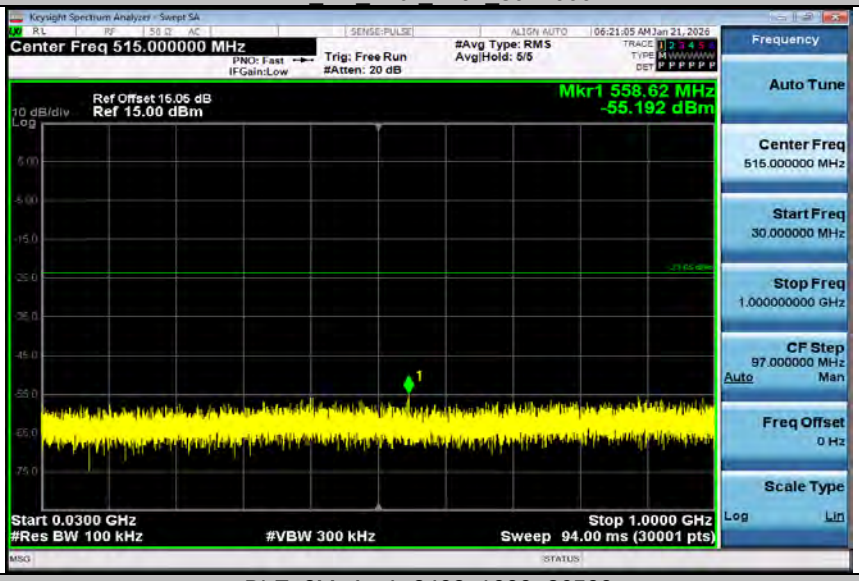
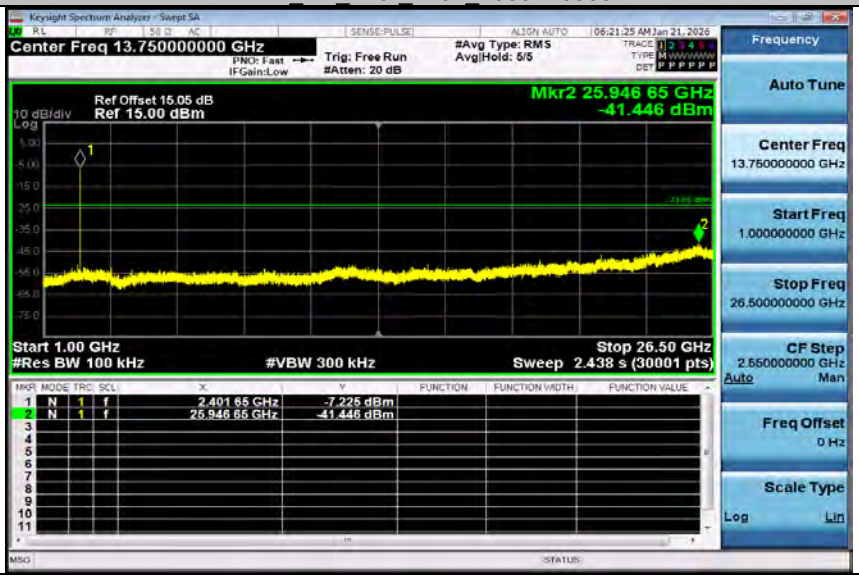

Keysight Spectrum Analyzer - Swept SA
Center Freq 13.750000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
#Avg Type: RMS
Avg|Hold: 5/5
06:14:26 AM Jan 21, 2026
Ref Offset 14.99 dB
10 dB/div
Log
Ref 15.00 dBm
Mkr2 25.775 80 GHz
-41.845 dBm
Start 1.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.438 s (30001 pts)
1 N 1 f 2.479 85 GHz -7.903 dBm
2 N 1 f 25.775 80 GHz -41.845 dBm
Frequency
Auto Tune
Center Freq
13.750000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
26.500000000 GHz
CF Step
2.550000000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin

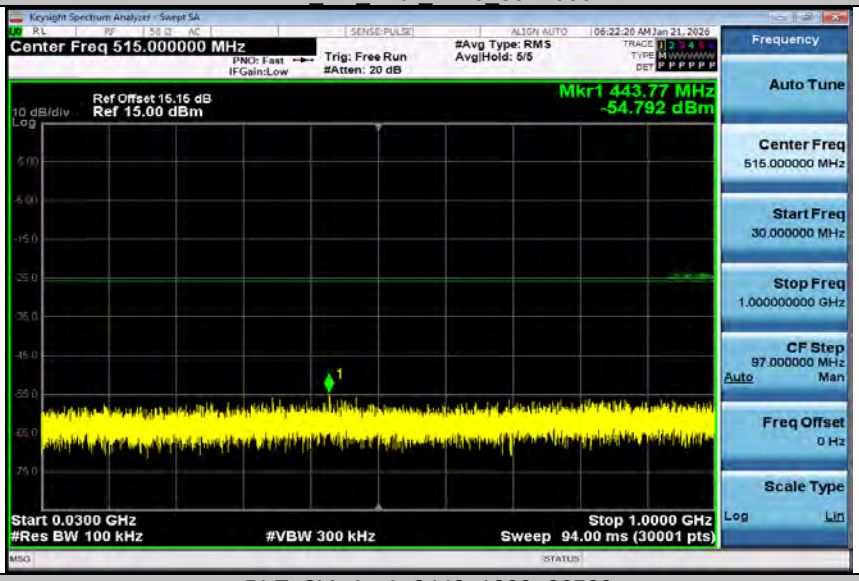
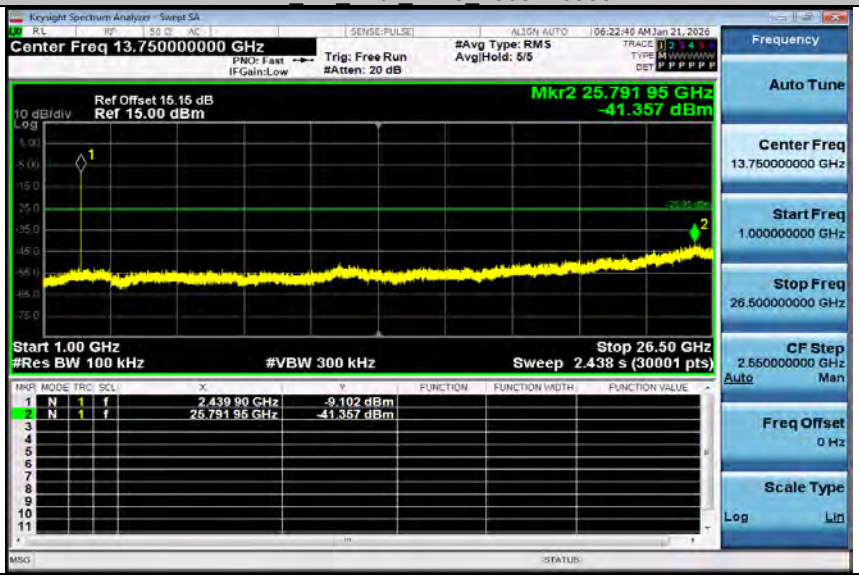
Moment arm 2:

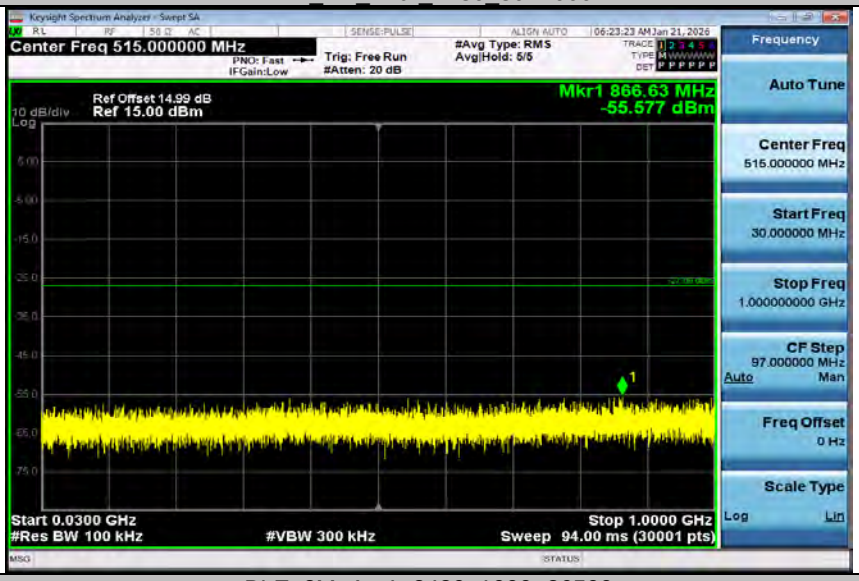
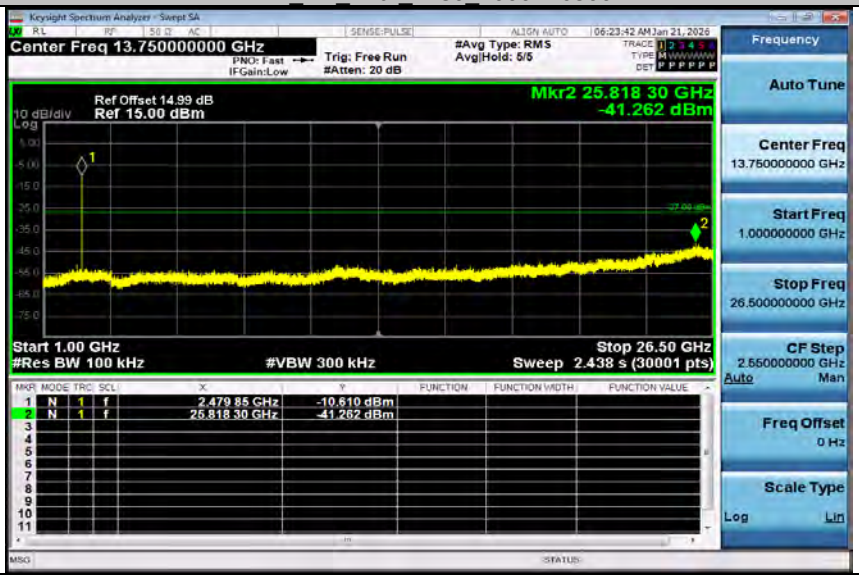
BLE_1M_Ant1_2402_0~Reference
BLE_1M_Ant1_2402_30~1000

BLE_1M_Ant1_2402_1000~26500


BLE_1M_Ant1_2440_0~Reference
BLE_1M_Ant1_2440_30~1000

BLE_1M_Ant1_2440_1000~26500


BLE_1M_Ant1_2480_0~Reference
BLE_1M_Ant1_2480_30~1000

BLE_1M_Ant1_2480_1000~26500


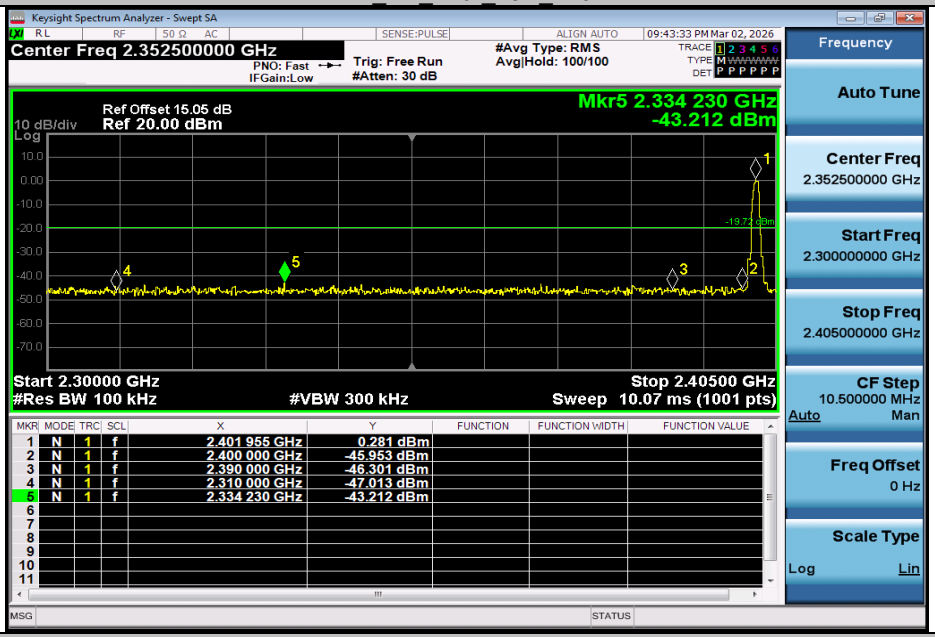
BLE_2M_Ant1_2402_0~Reference
BLE_2M_Ant1_2402_30~1000

BLE_2M_Ant1_2402_1000~26500


BLE_2M_Ant1_2440_0~Reference
BLE_2M_Ant1_2440_30~1000

BLE_2M_Ant1_2440_1000~26500


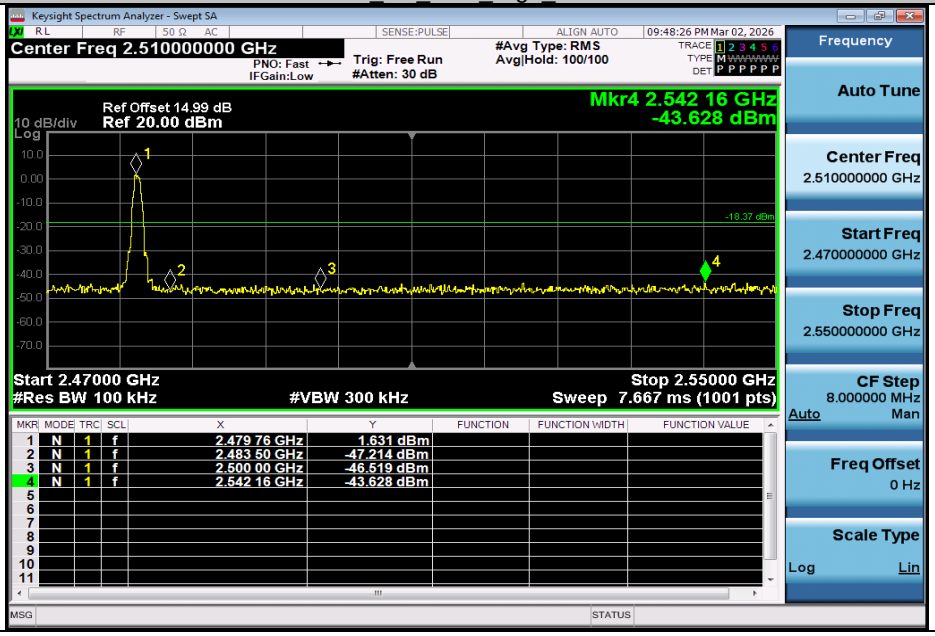
BLE_2M_Ant1_2480_0~Reference
BLE_2M_Ant1_2480_30~1000

BLE_2M_Ant1_2480_1000~26500


Band edge measurements
Principal machine:

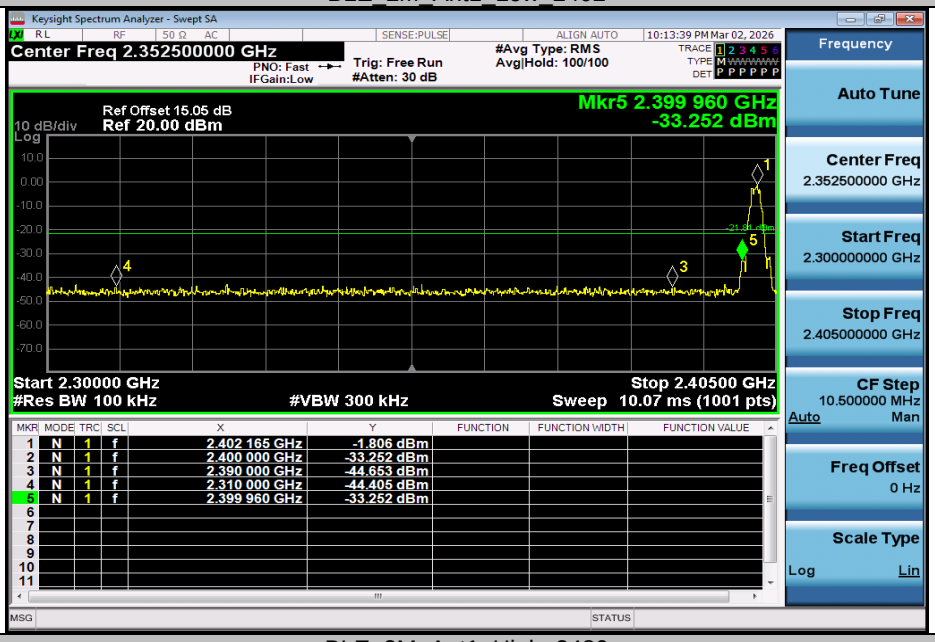
BLE_1M_Ant1_Low_2402



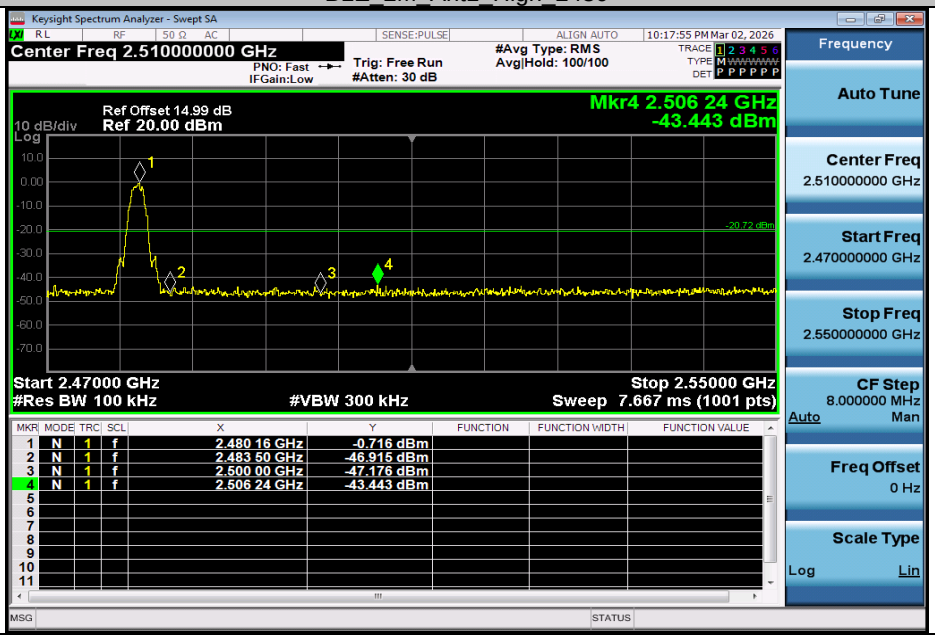
BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402

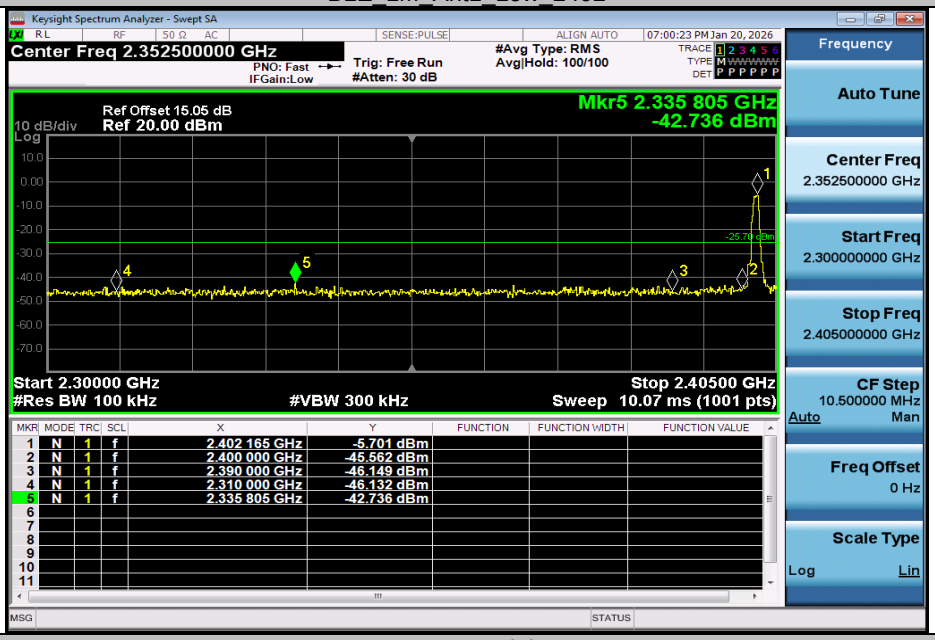


BLE_2M_Ant1_High_2480

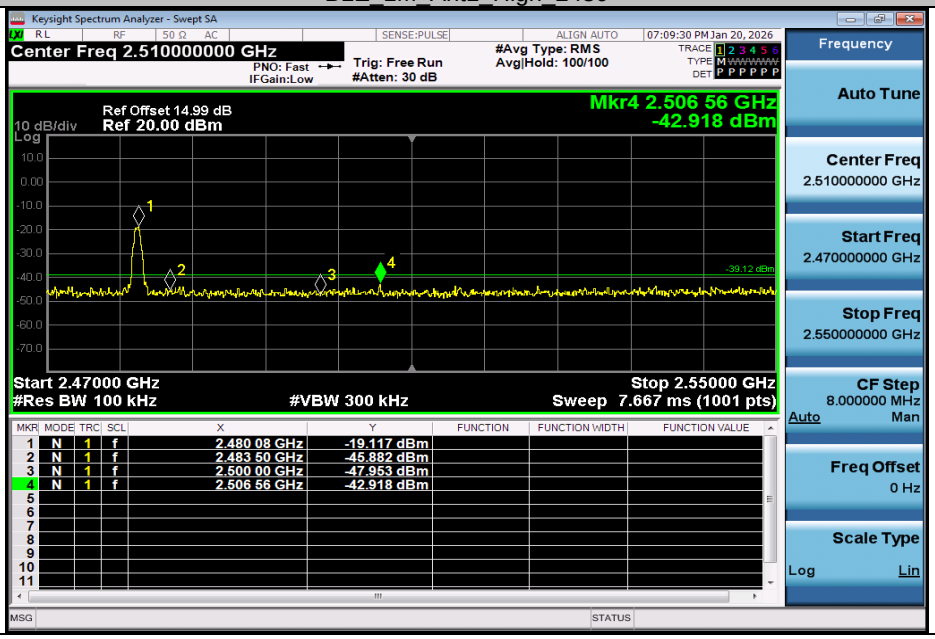


Moment arm 1:

BLE_1M_Ant1_Low_2402

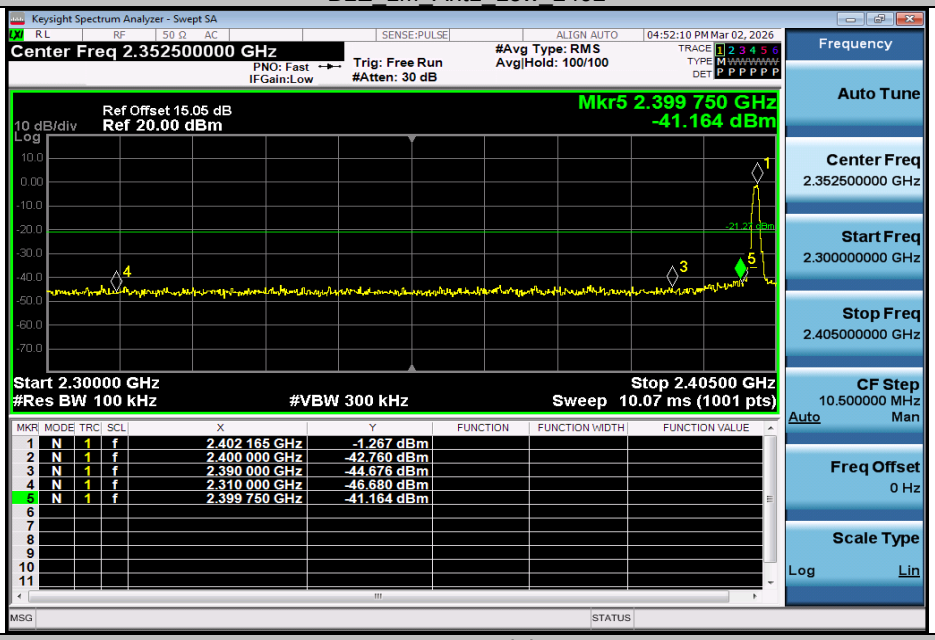


BLE_1M_Ant1_High_2480

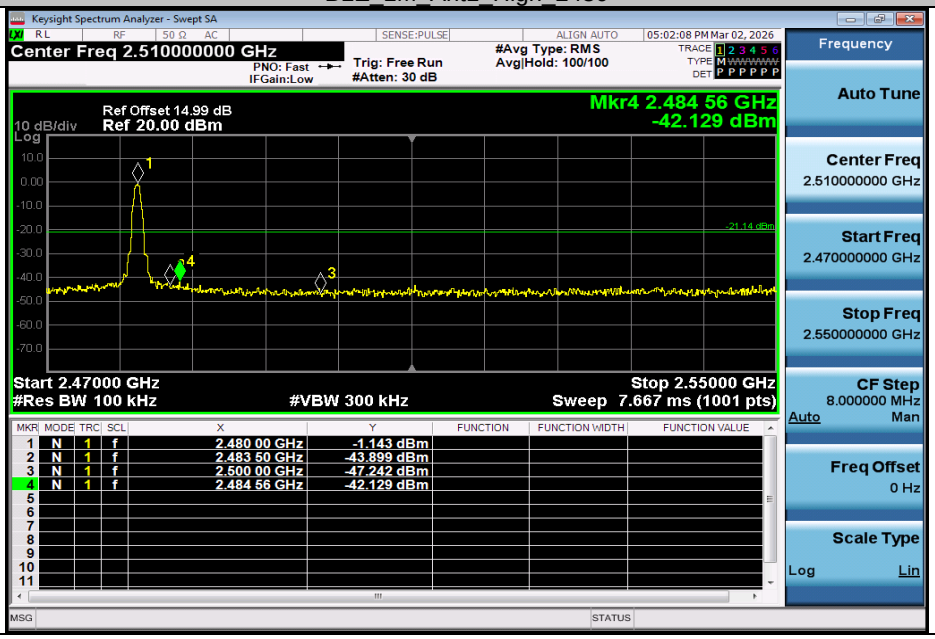


Moment arm 1:

BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



APPENDIX G POWER SPECTRAL DENSITY

Principal machine:

Test Mode	Antenna	Freq (MHz)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.91	≤8.00	PASS
		2440	-14.51	≤8.00	PASS
		2480	-15.96	≤8.00	PASS
BLE_2M	Ant1	2402	-18.64	≤8.00	PASS
		2440	-17.70	≤8.00	PASS
		2480	-17.68	≤8.00	PASS

Moment arm 1:

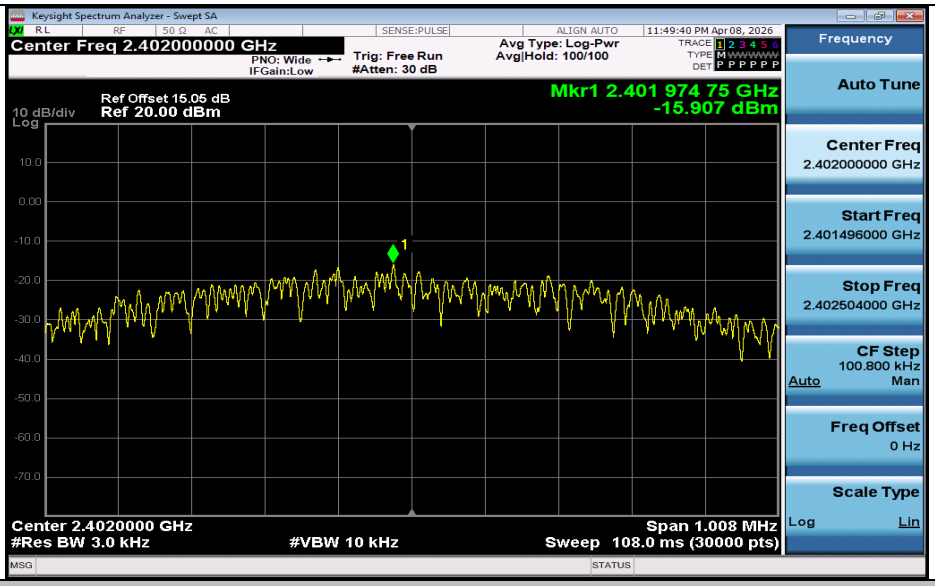
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.44	≤8.00	PASS
		2440	-13.55	≤8.00	PASS
		2480	-18.85	≤8.00	PASS

Moment arm 2:

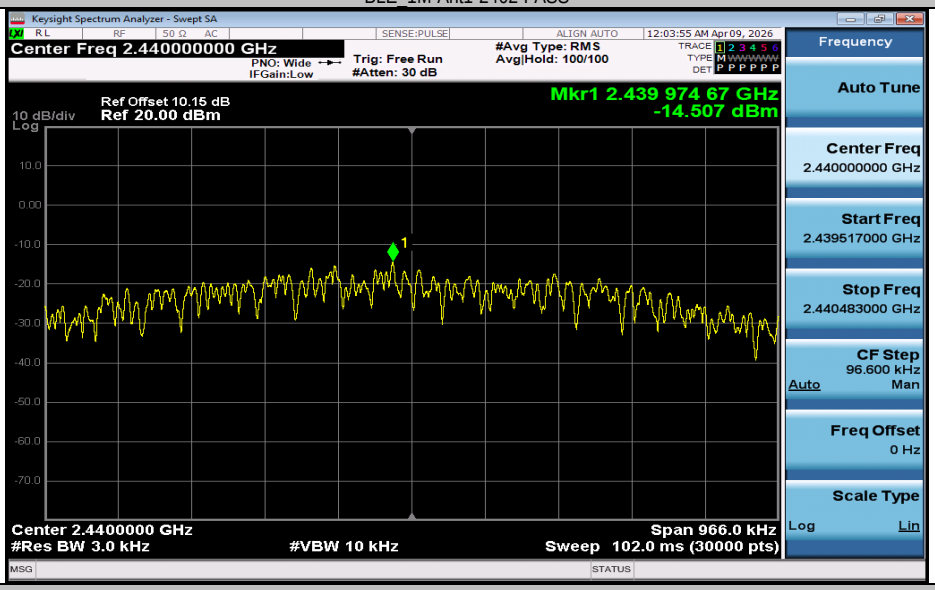
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.12	≤8.00	PASS
		2440	-13.81	≤8.00	PASS
		2480	-13.53	≤8.00	PASS

Test Graphs

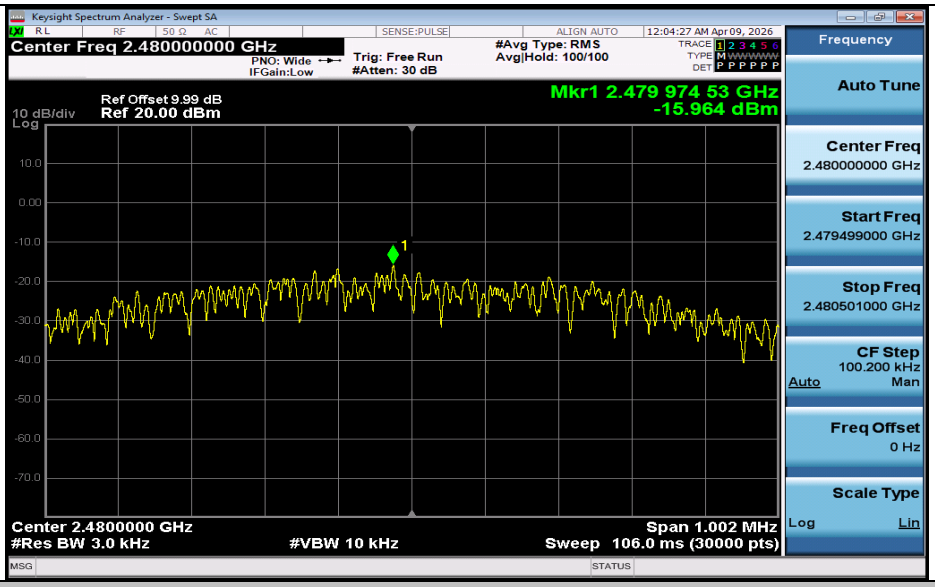
Principal machine:



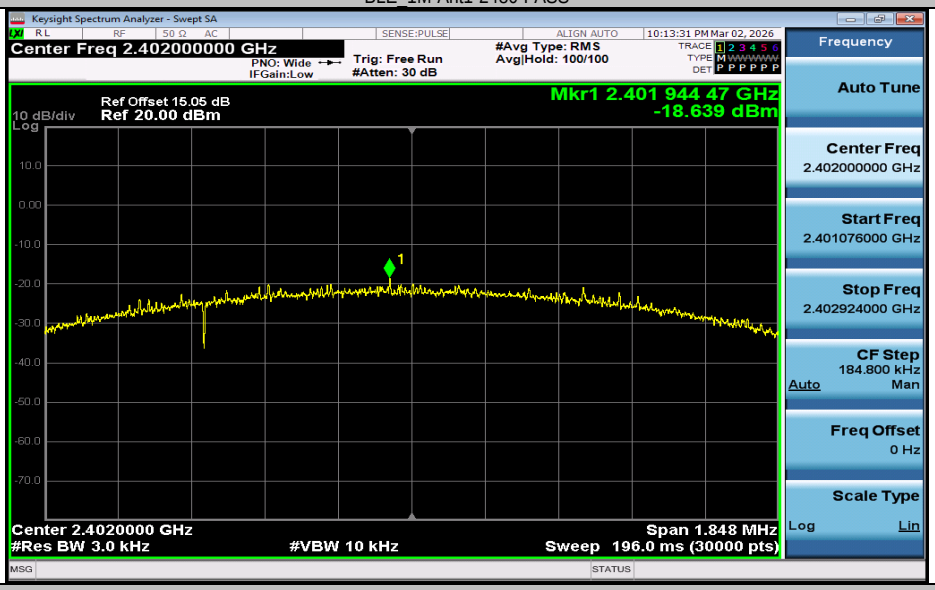
BLE_1M-Ant1-2402-PASS



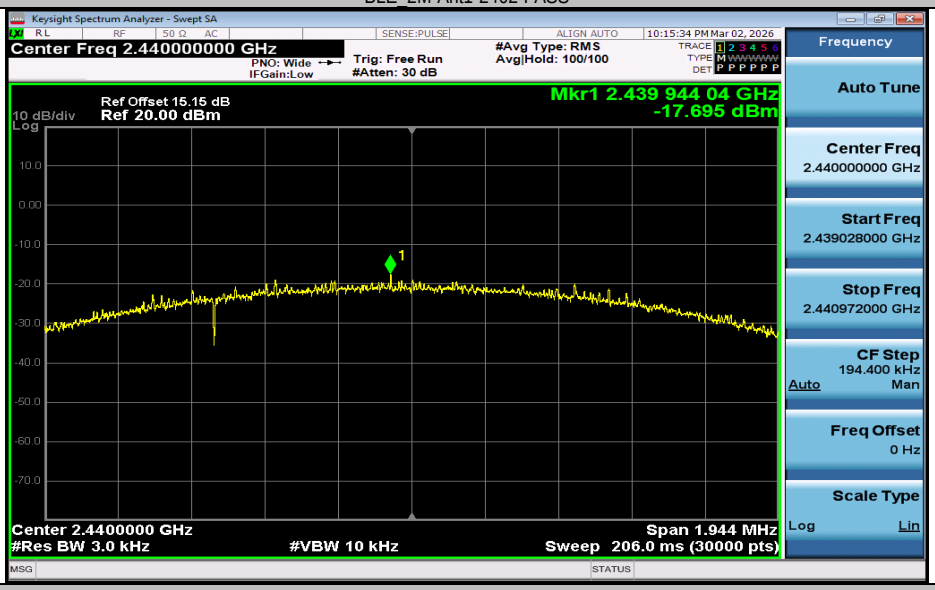
BLE_1M-Ant1-2440-PASS



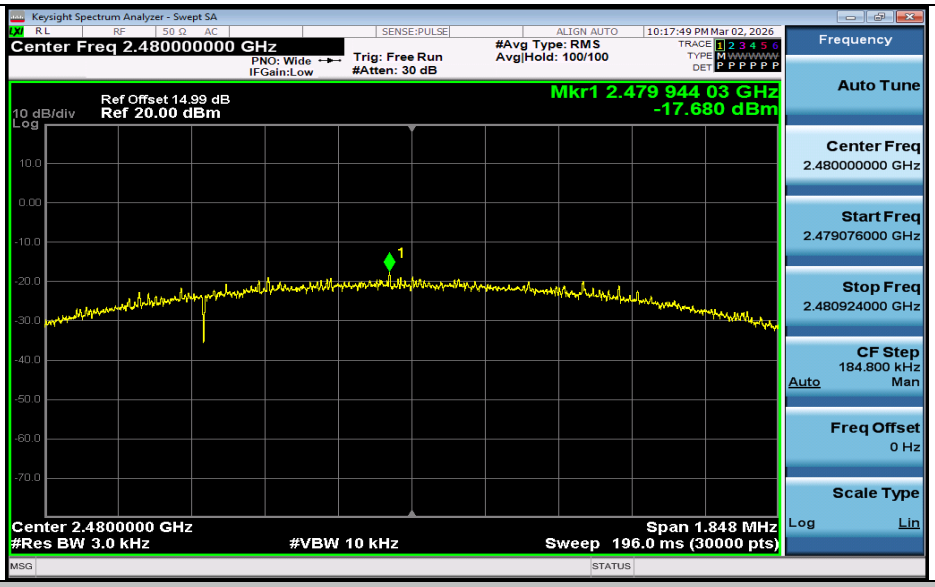
BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

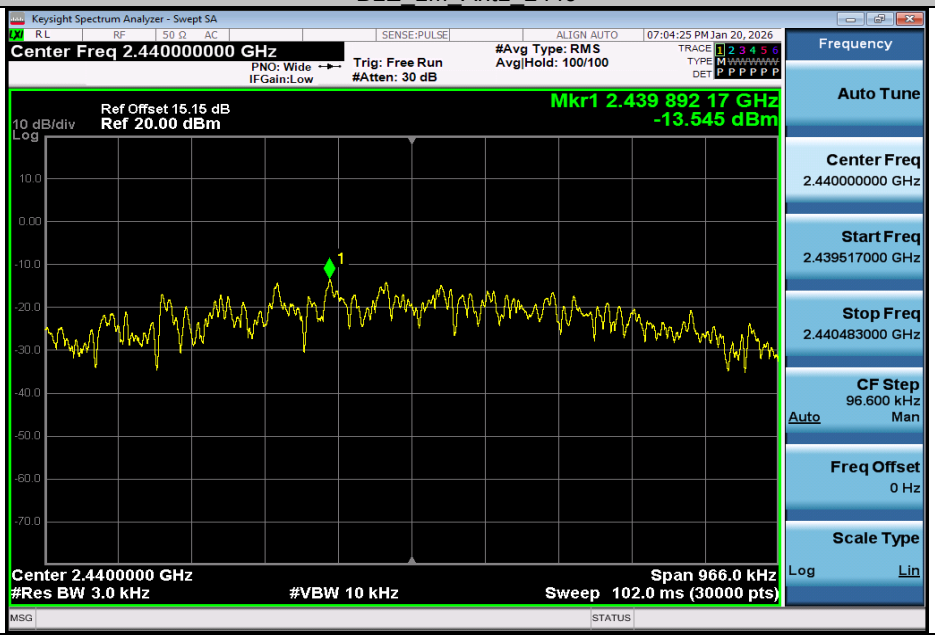


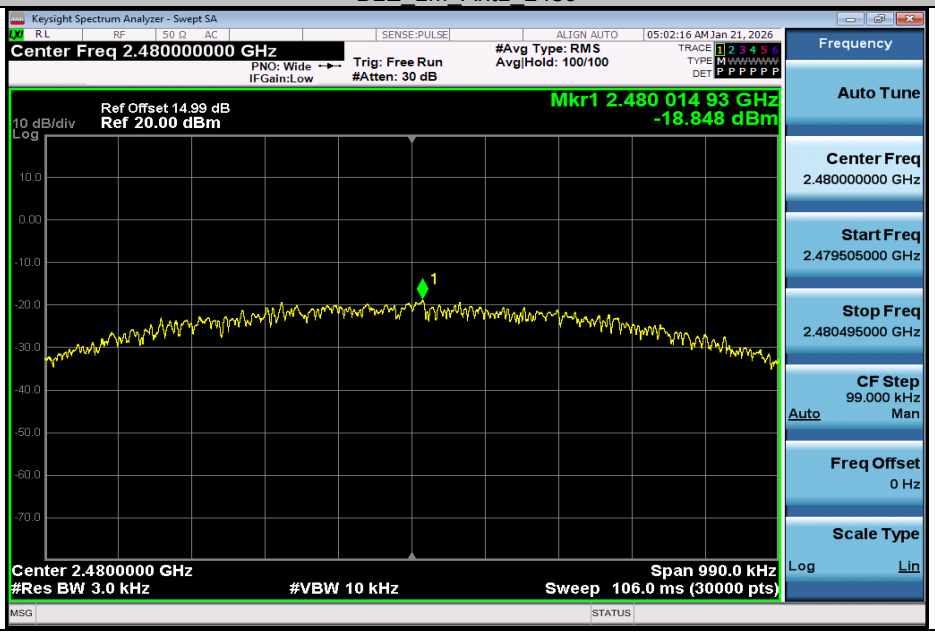
BLE_2M-Ant1-2480-PASS

Moment arm 1:

BLE_1M_Ant1_2402

BLE_1M_Ant1_2440

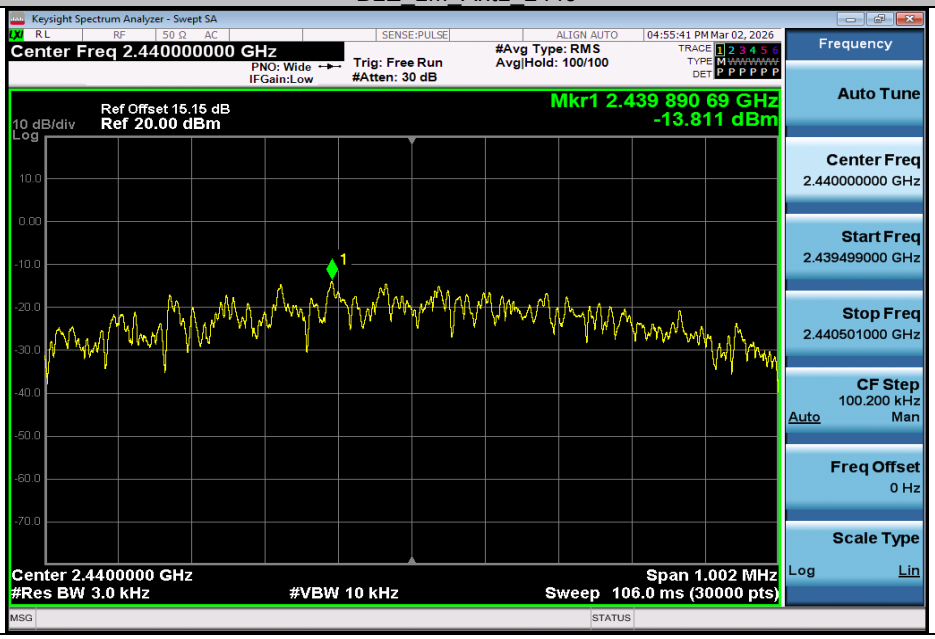


BLE_1M_Ant1_2480


Moment arm 2:

BLE_1M_Ant1_2402

BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technical Co., Ltd. (hereinafter referred to as the unit).

2. The report is invalid without the signature of the approver.

3. The report is invalid if altered arbitrarily.

4. The report shall not be partially copied without the written approval of the unit.

5. The reported test results are only valid for the tested samples.

6. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue shall not be accepted.

Shenzhen Haiyun Standard Technical Co., Ltd.

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End of Test Report