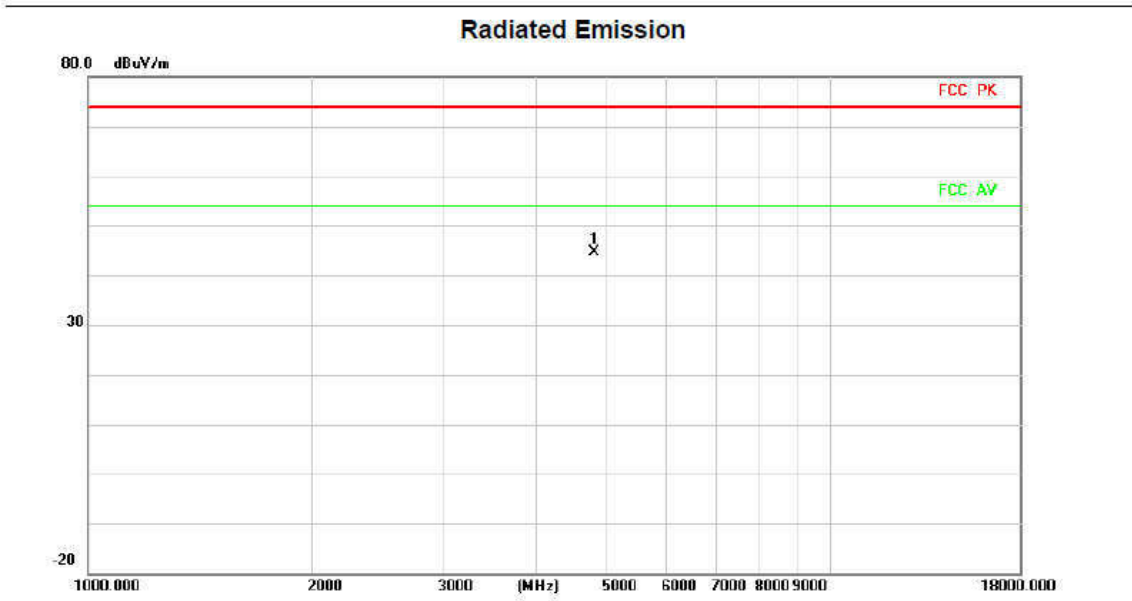
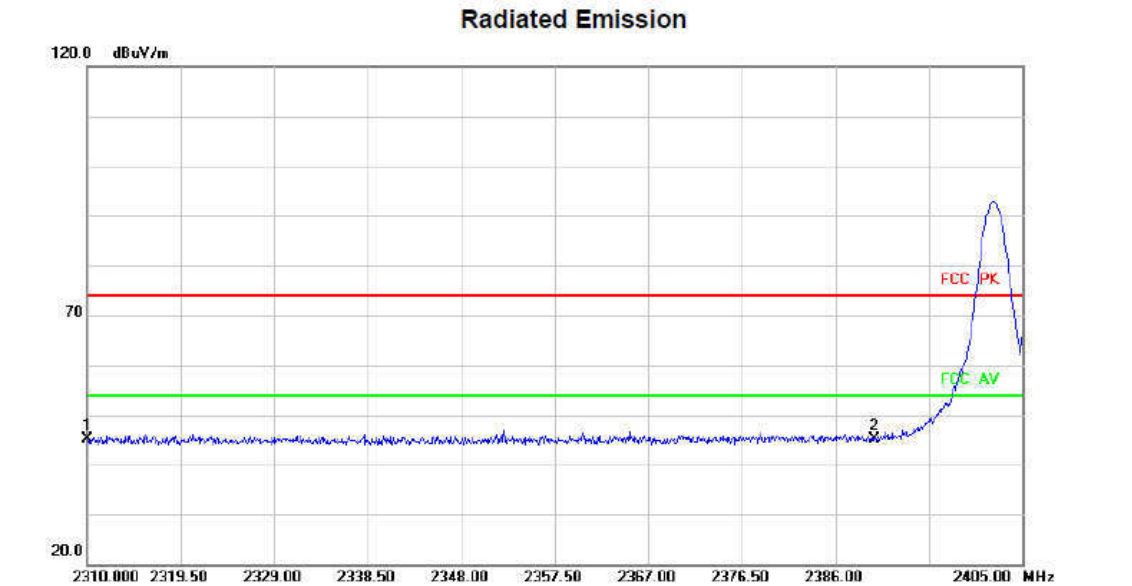


Test Mode	TX 2402 MHz_2Mbps	Polarization	Horizontal
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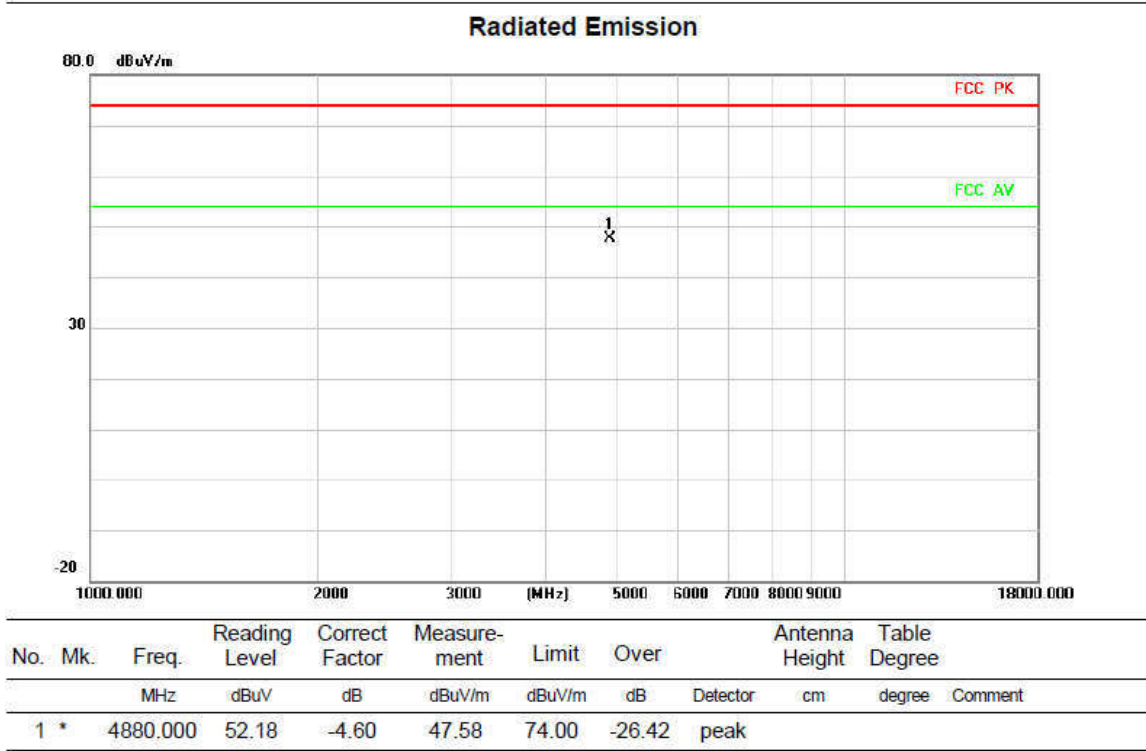


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1	*	4804.000	48.71	-3.99	44.72	74.00	-29.28	peak	

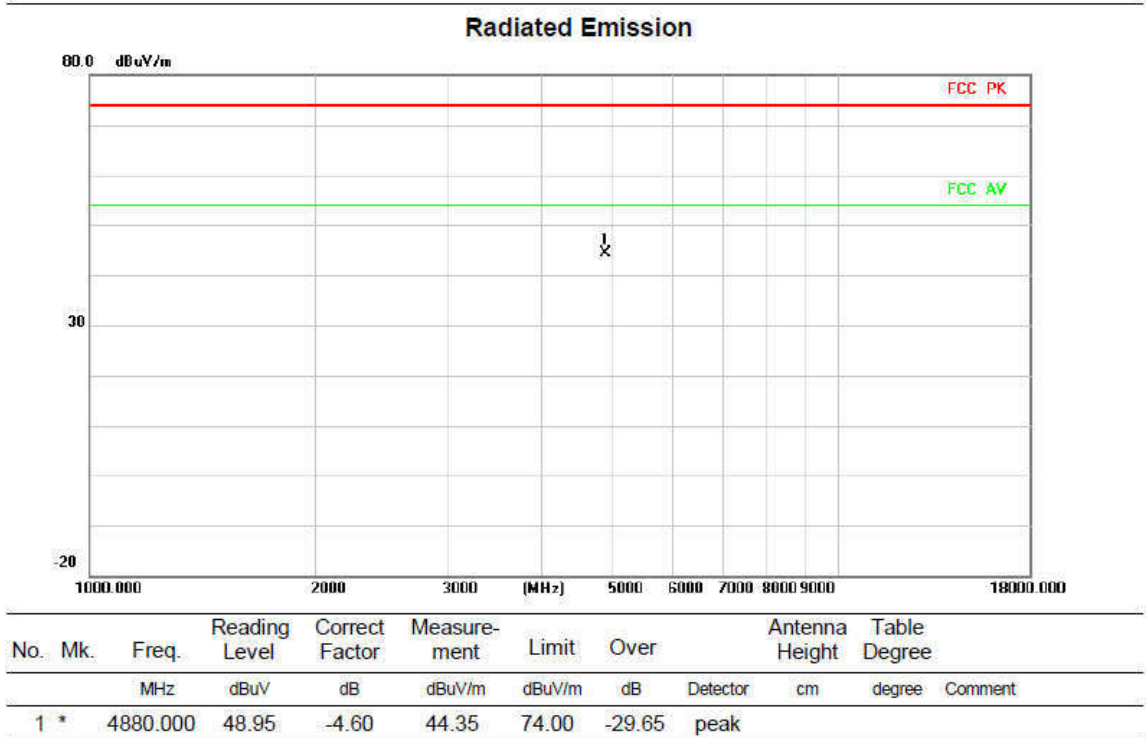


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		2310.000	46.91	-1.78	45.13	74.00	-28.87	peak	
2	*	2390.000	46.75	-1.54	45.21	74.00	-28.79	peak	

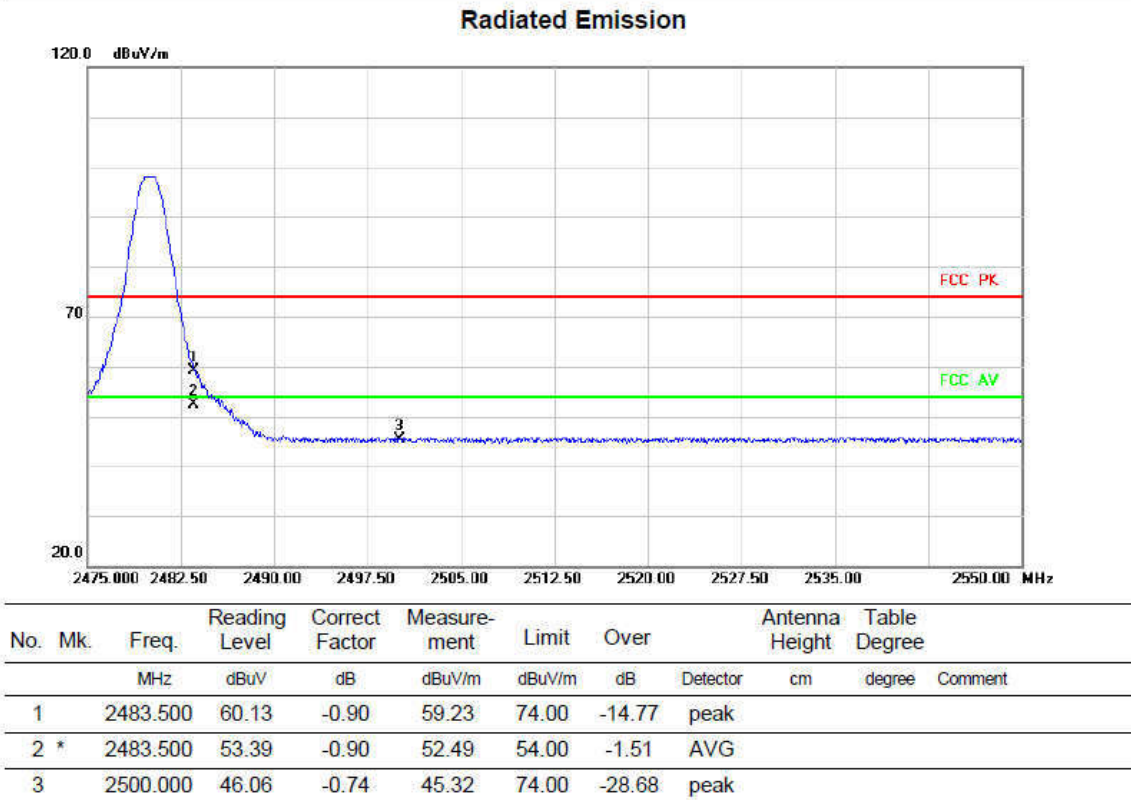
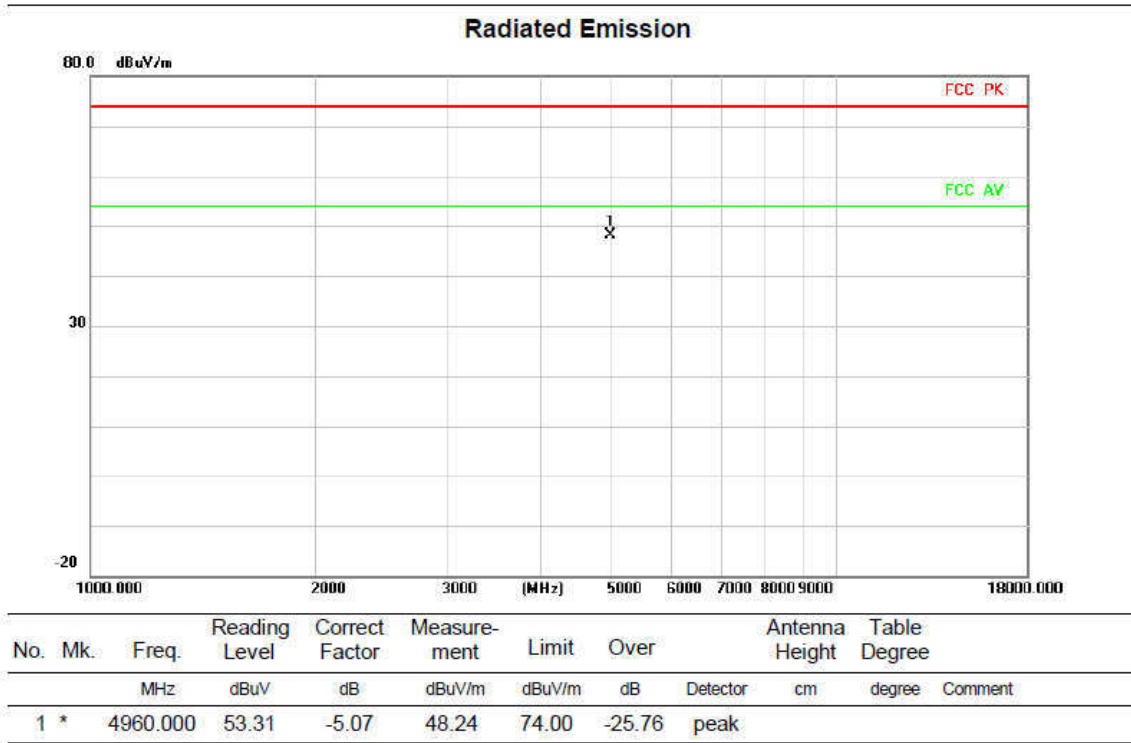
Test Mode	TX 2440 MHz _2Mbps	Polarization	Vertical
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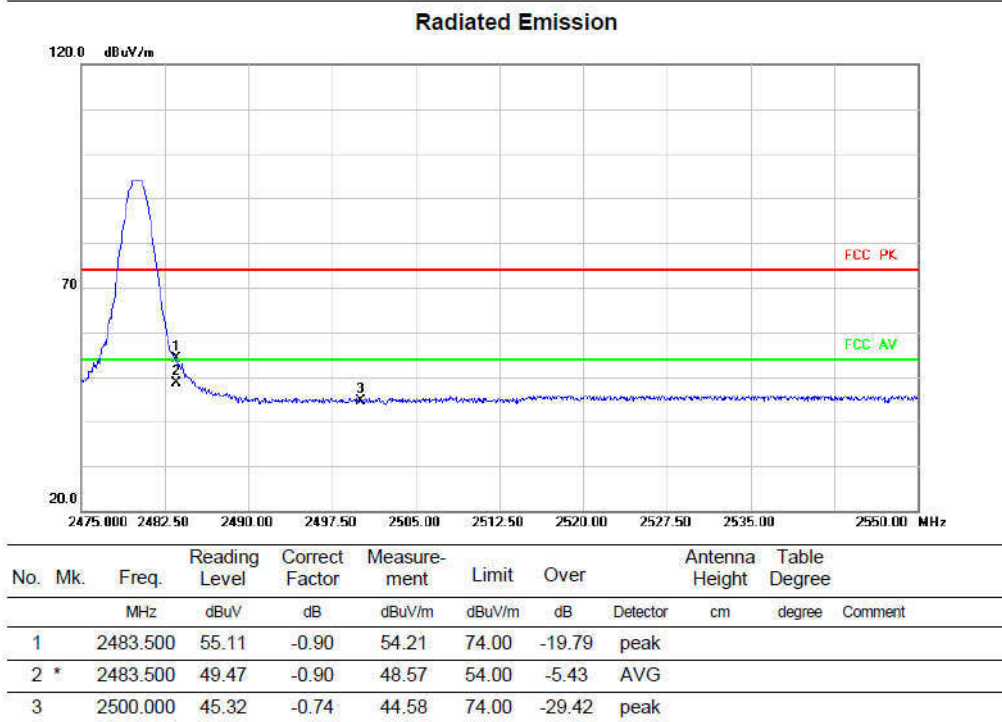
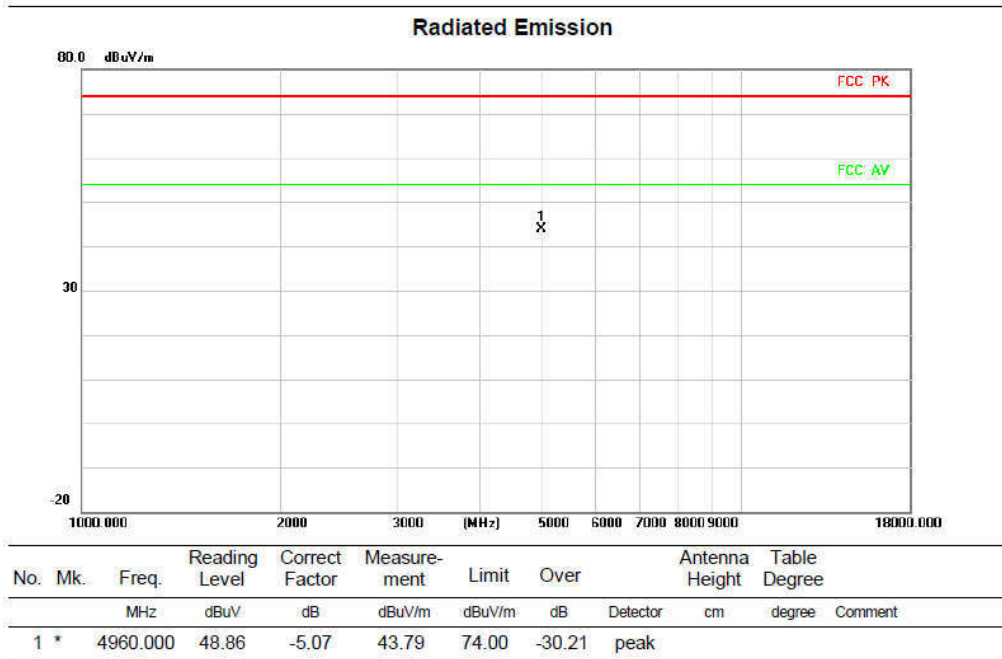
Test Mode	TX 2440 MHz _1Mbps	Polarization	Horizontal
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Test Mode	TX 2480 MHz_2Mbps	Polarization	Vertical
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Test Mode	TX 2480 MHz_2Mbps	Polarization	Horizontal
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**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



## APPENDIX E - BANDWIDTH

### DTS Bandwidth

Test Mode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.648	2402.340	0.5	PASS
		2440	0.688	2439.652	2440.340	0.5	PASS
		2480	0.676	2479.664	2480.340	0.5	PASS
BLE_2M	Ant1	2402	1.344	2401.332	2402.676	0.5	PASS
		2440	1.340	2439.336	2440.676	0.5	PASS
		2480	1.344	2479.332	2480.676	0.5	PASS

Test Graphs



BLE 1M Ant1 2480



BLE 2M Ant1 2402





BLE 2M Ant1 2440



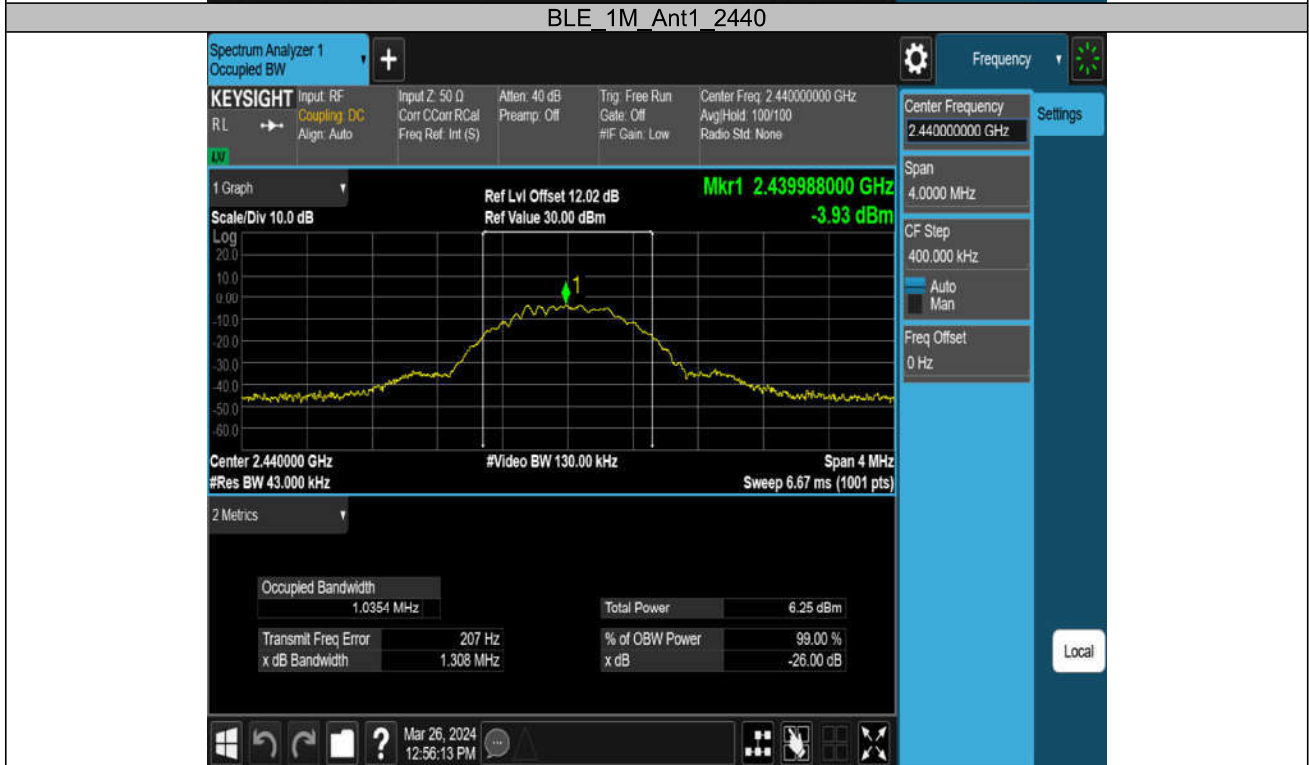
BLE 2M Ant1 2480

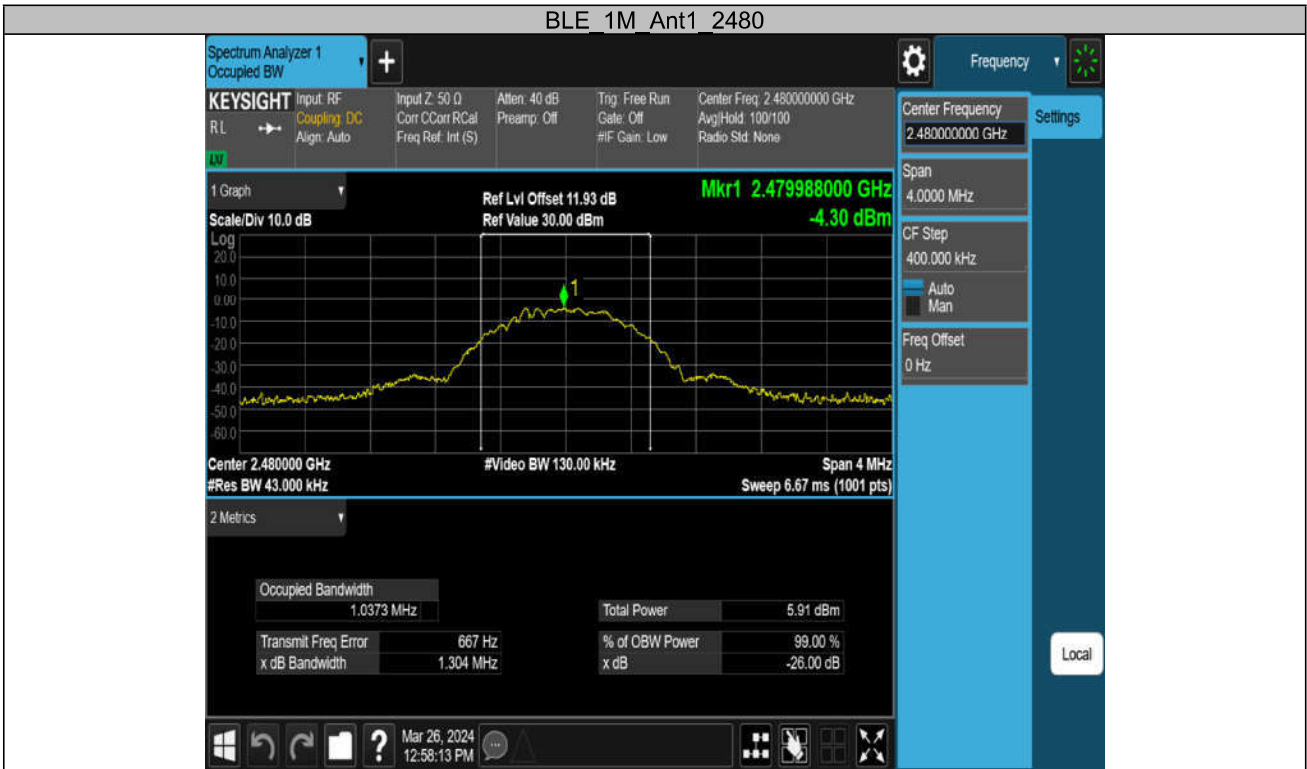


### Occupied Channel Bandwidth

Test Mode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0370	2401.4825	2402.5195	---	---
		2440	1.0354	2439.4825	2440.5179	---	---
		2480	1.0373	2479.4820	2480.5193	---	---
BLE_2M	Ant1	2402	2.1066	2400.9590	2403.0656	---	---
		2440	2.1116	2438.9550	2441.0666	---	---
		2480	2.1144	2478.9535	2481.0679	---	---

Test Graphs





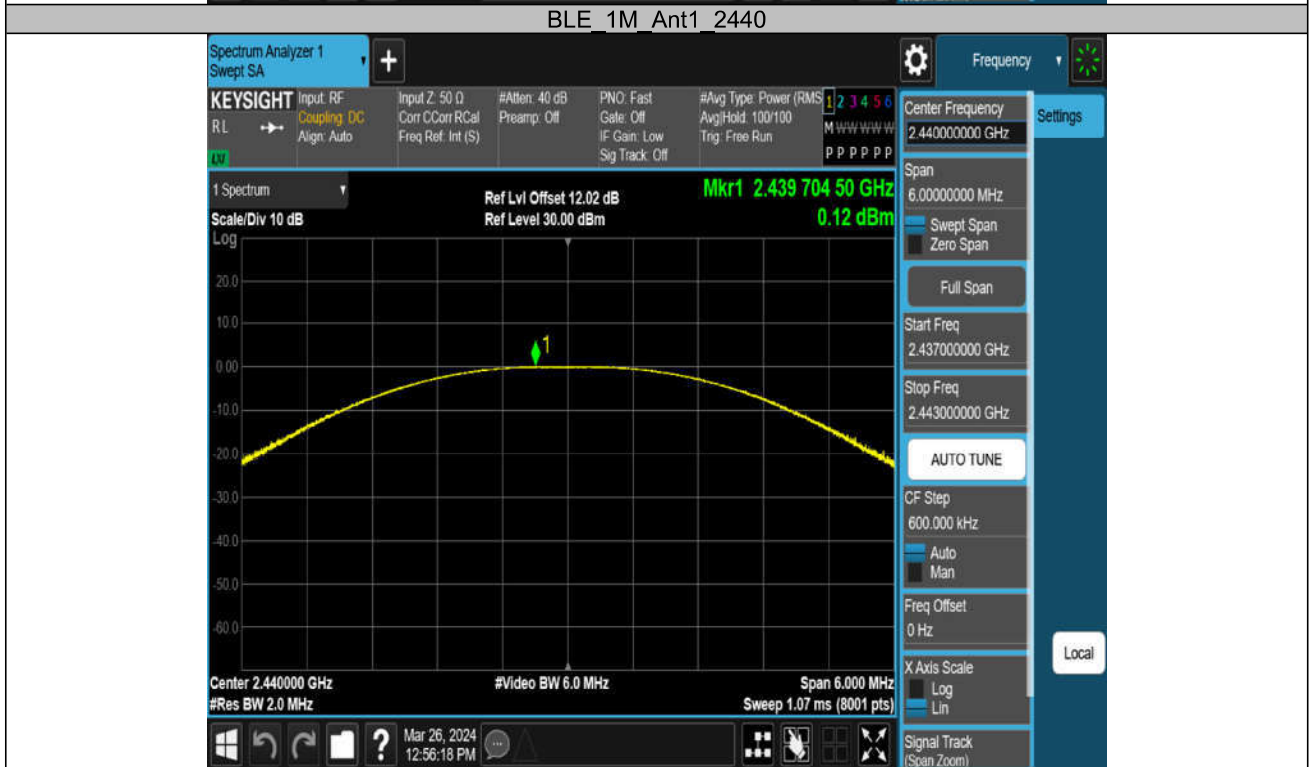
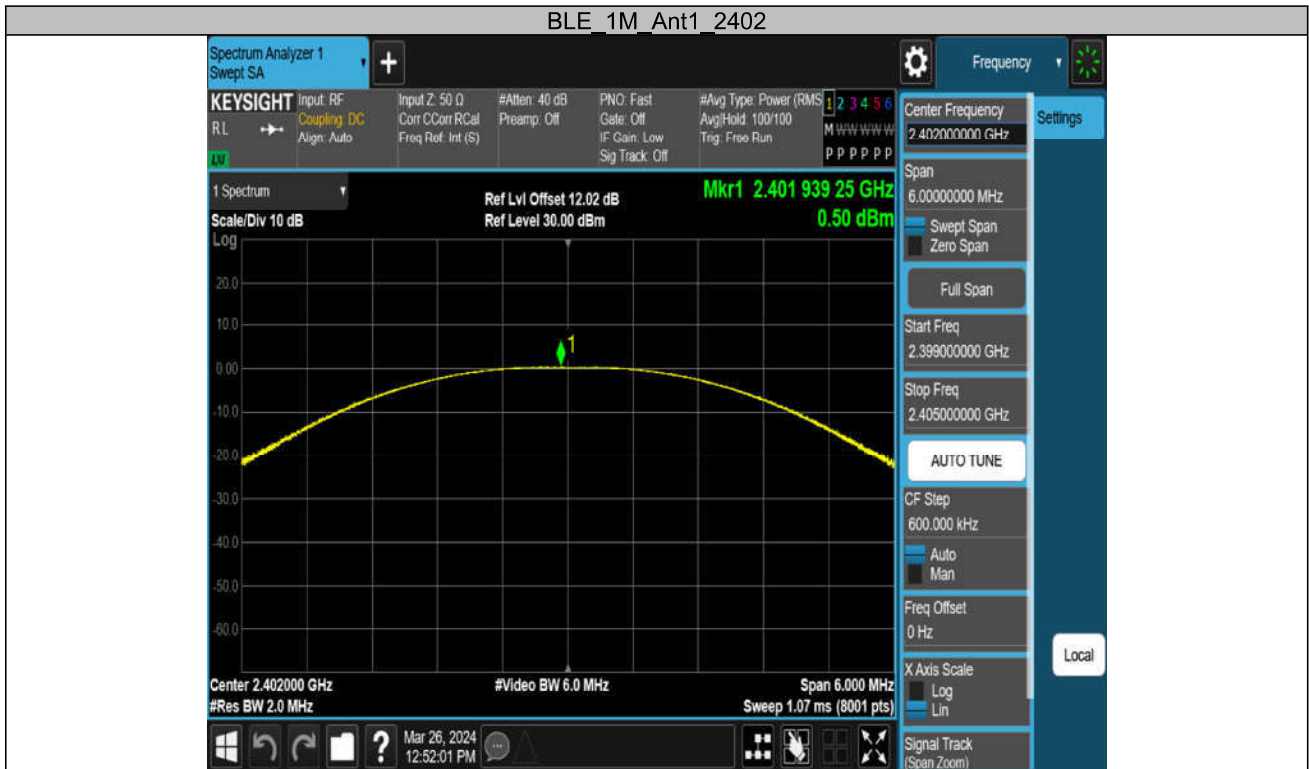




## APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.50	≤30	PASS
		2440	0.12	≤30	PASS
		2480	-0.18	≤30	PASS
BLE_2M	Ant1	2402	-2.54	≤30	PASS
		2440	-2.86	≤30	PASS
		2480	-3.15	≤30	PASS

Test Graphs Peak







BLE 2M Ant1 2440



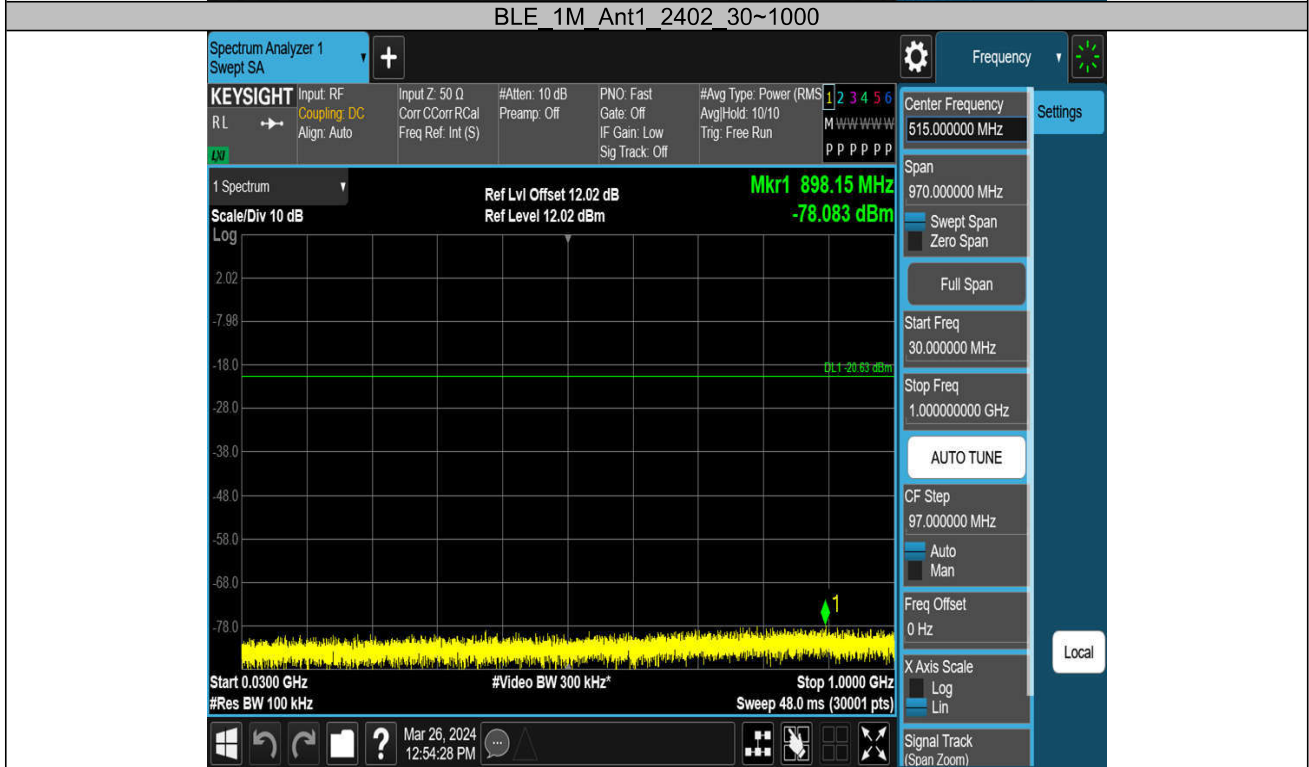
BLE 2M Ant1 2480



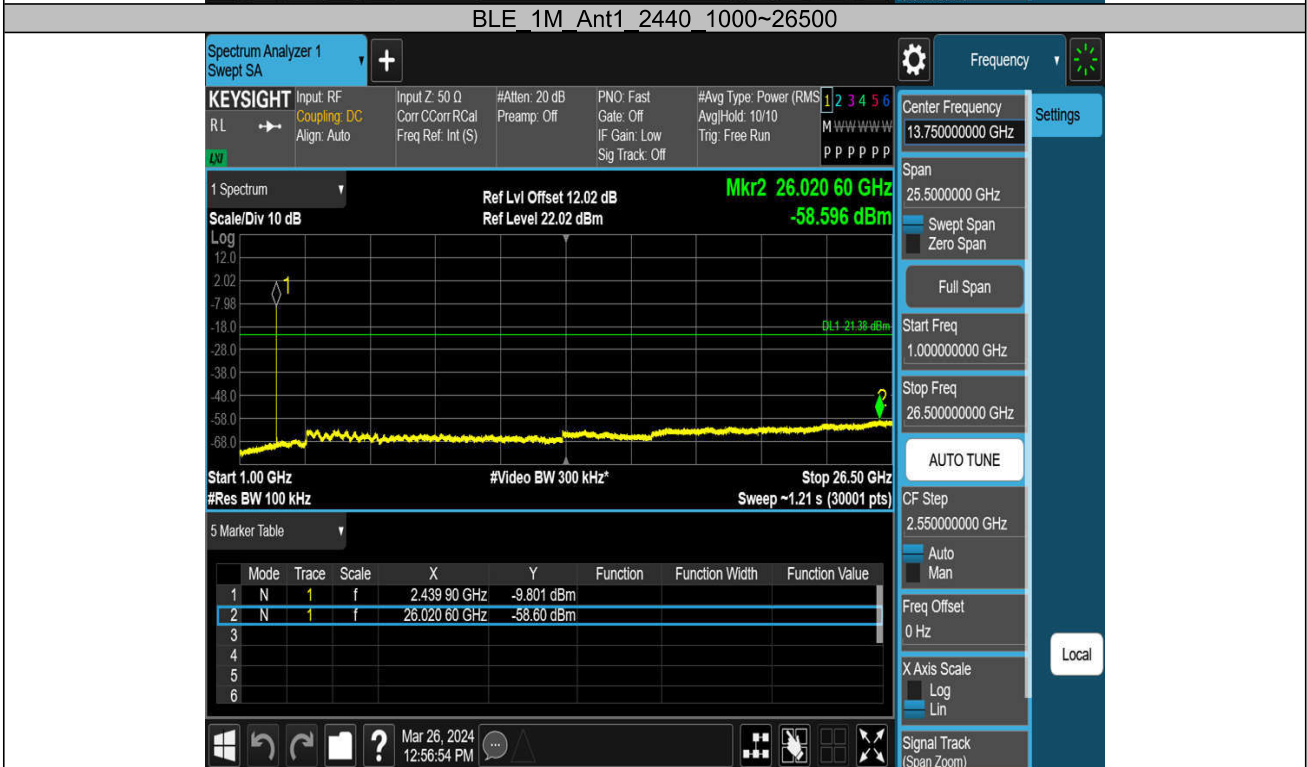
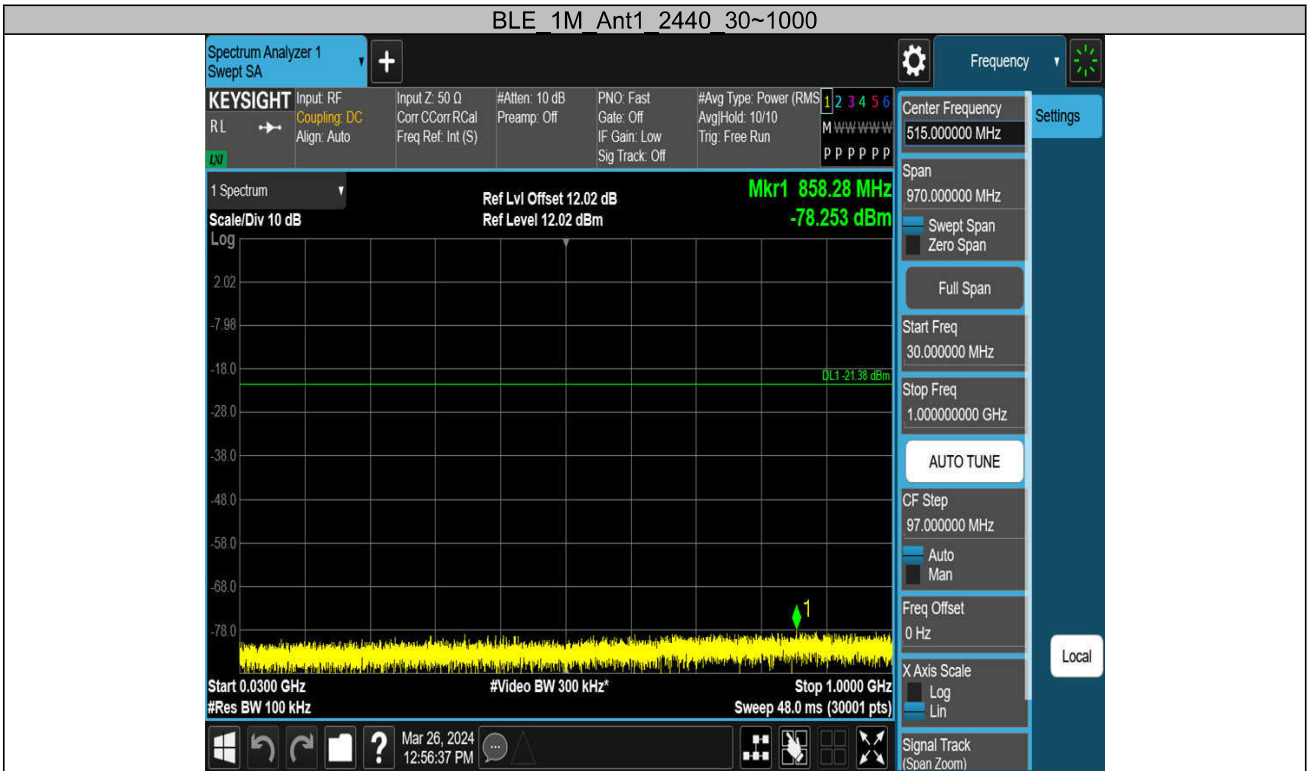


## **APPENDIX G - CONDUCTED SPURIOUS EMISSION**

Conducted Spurious Emission





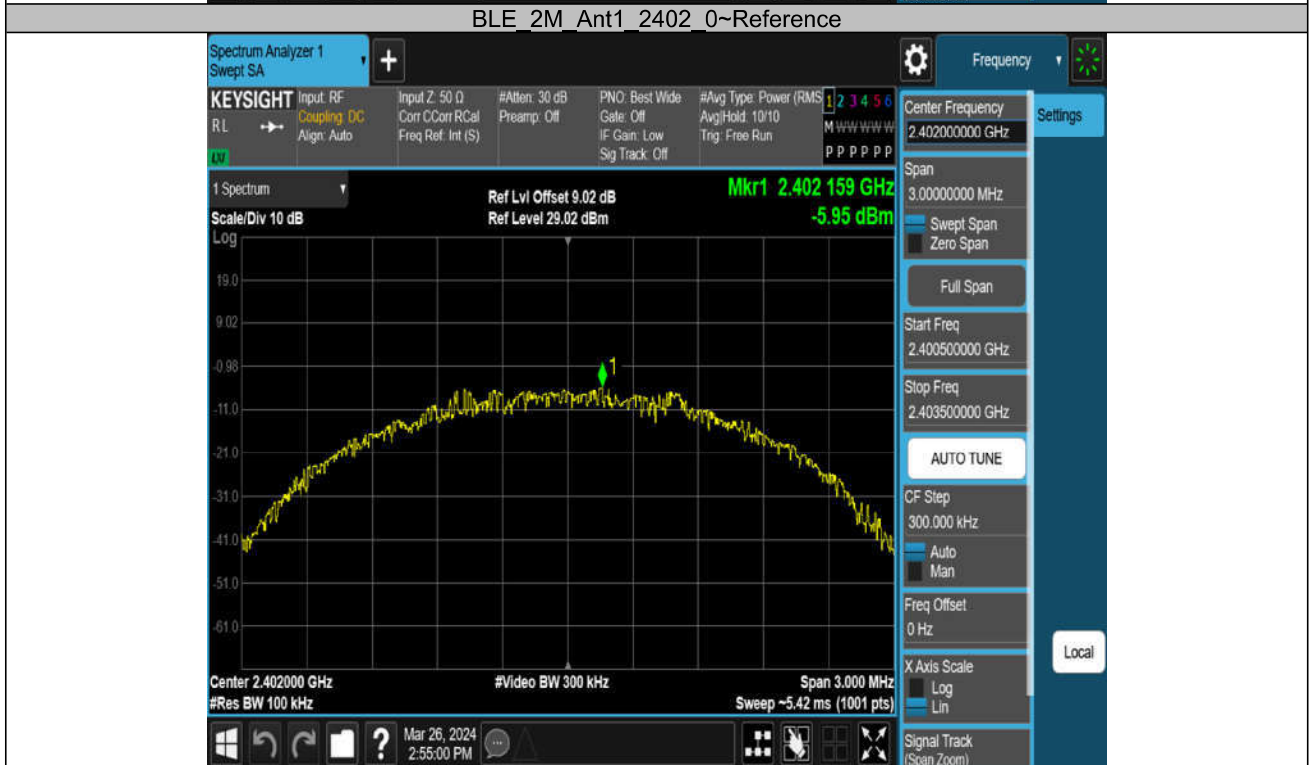


BLE 1M Ant1 2480 0~Reference

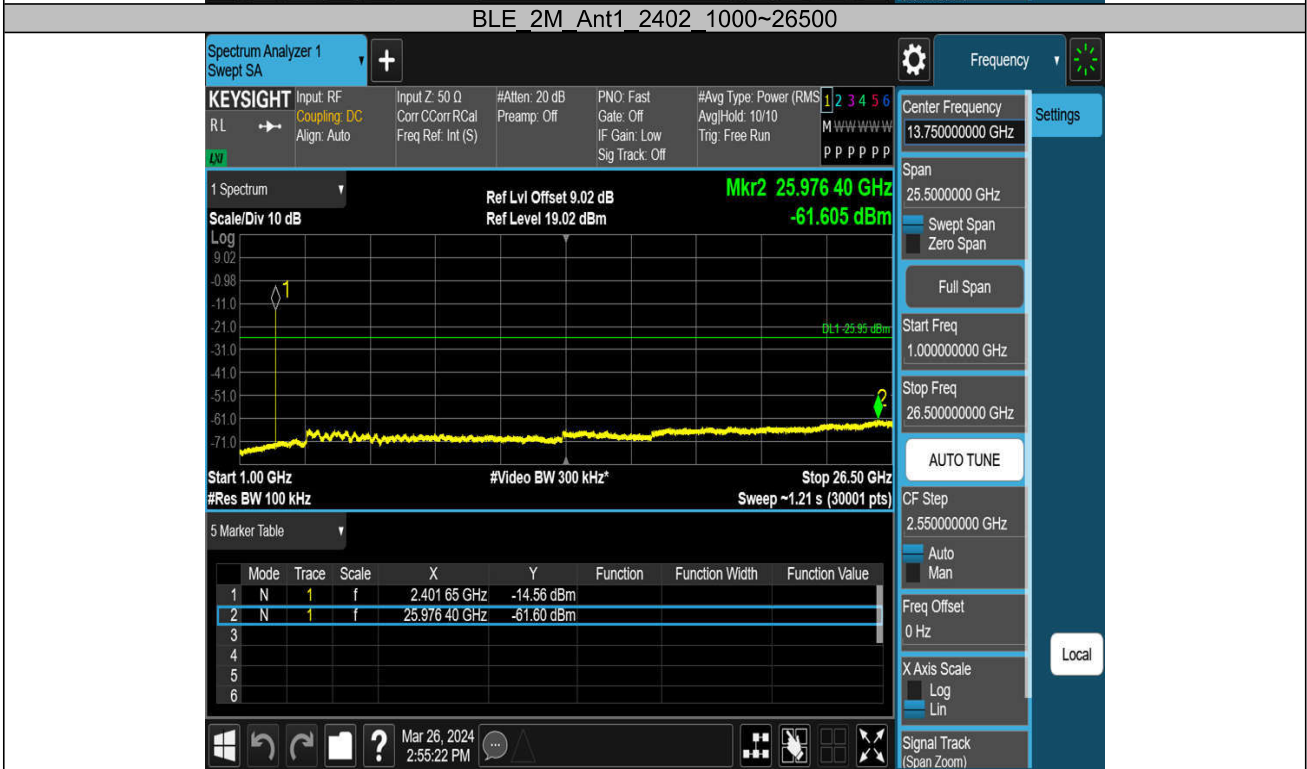
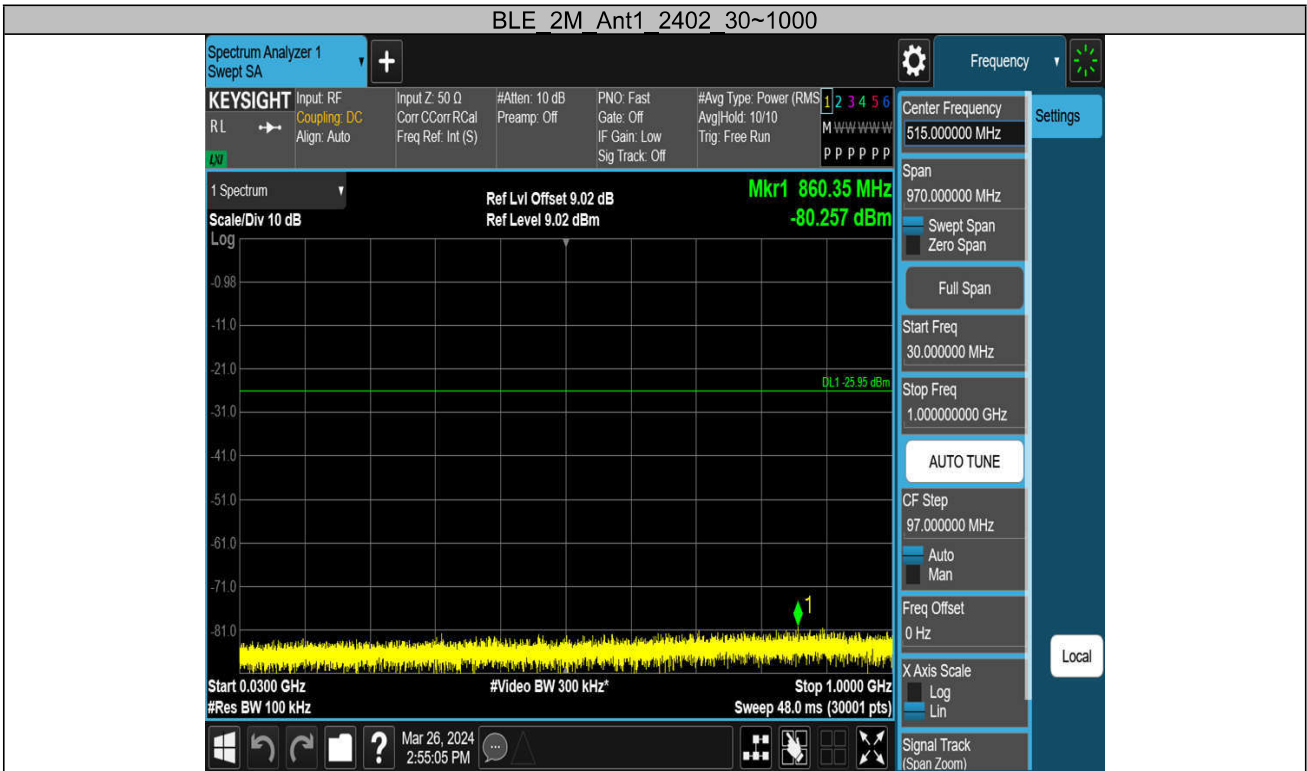


BLE 1M Ant1 2480 30~1000

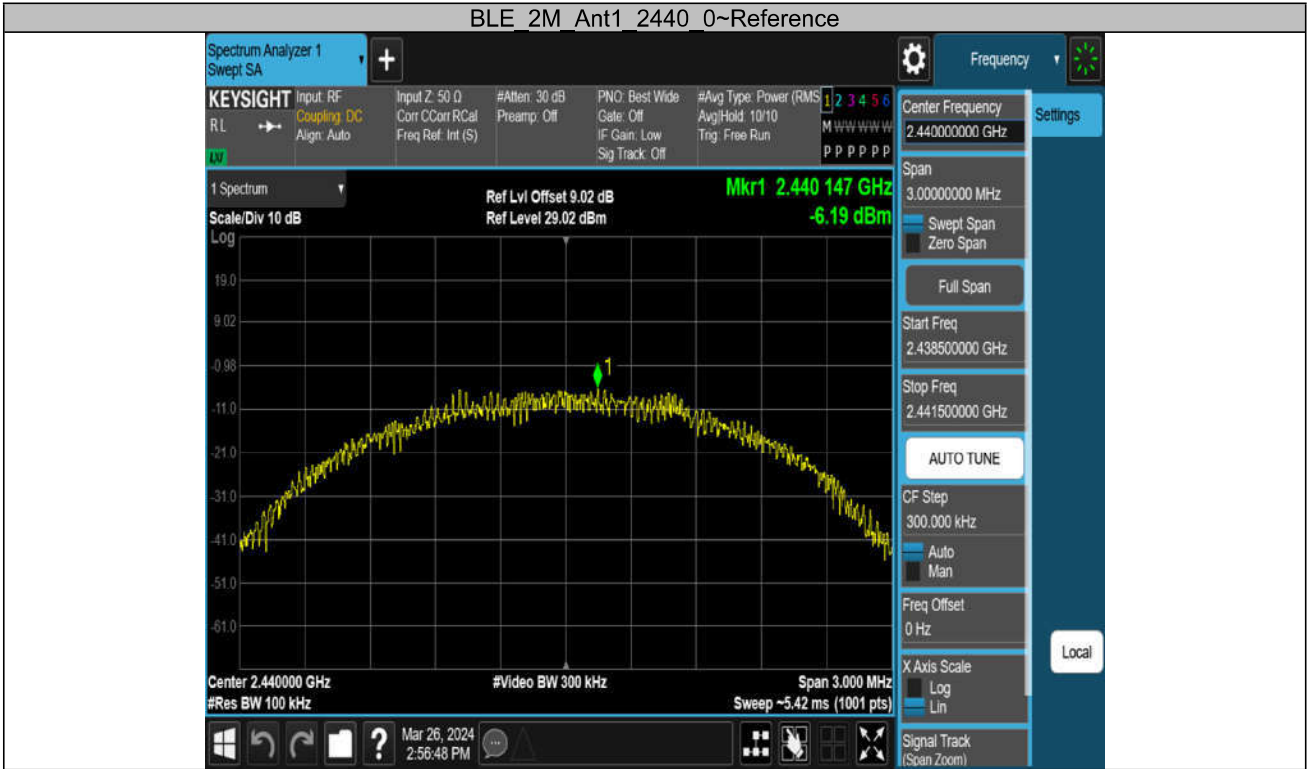




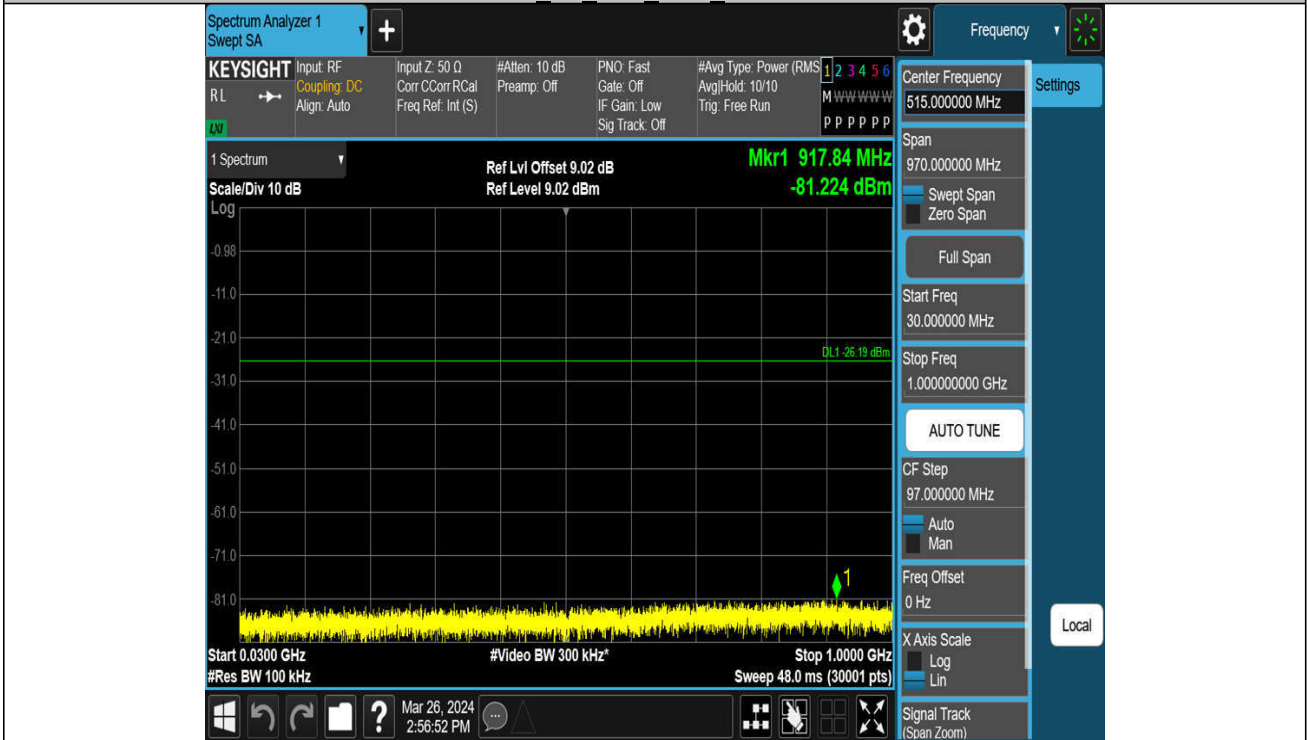


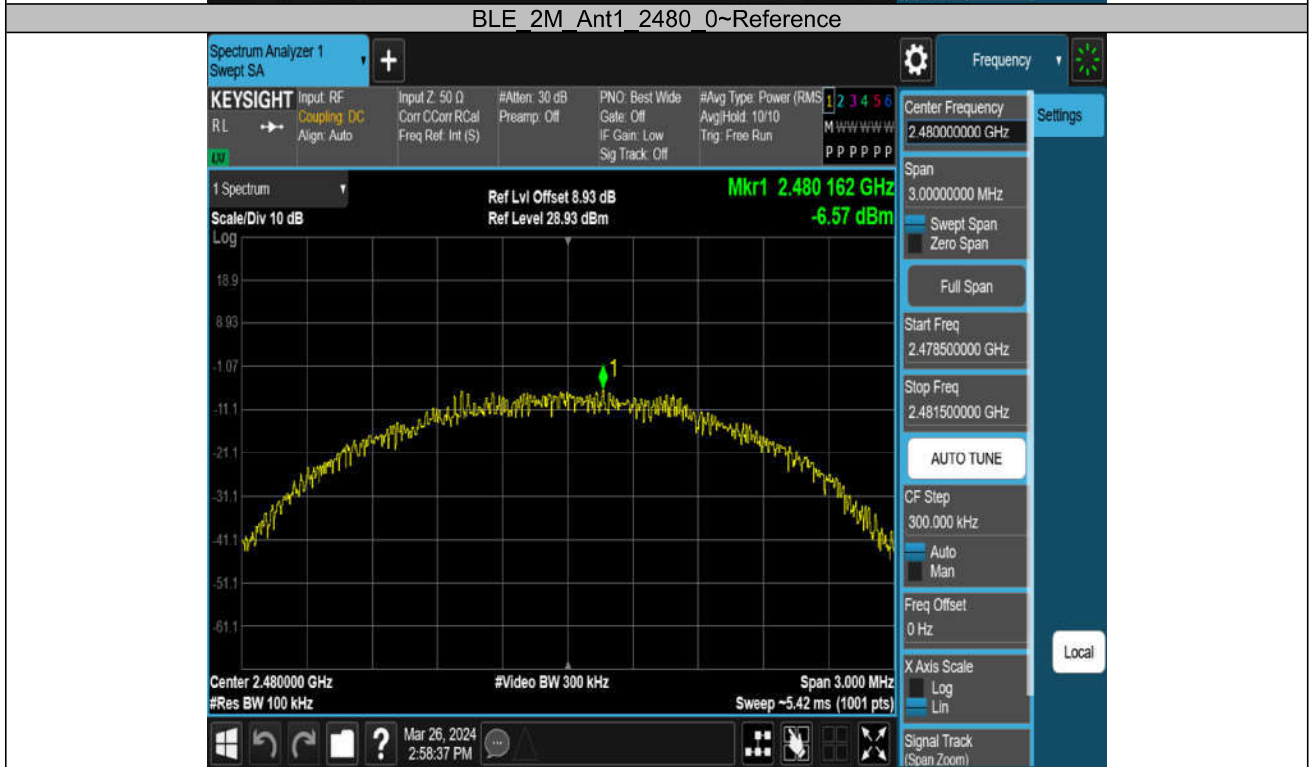


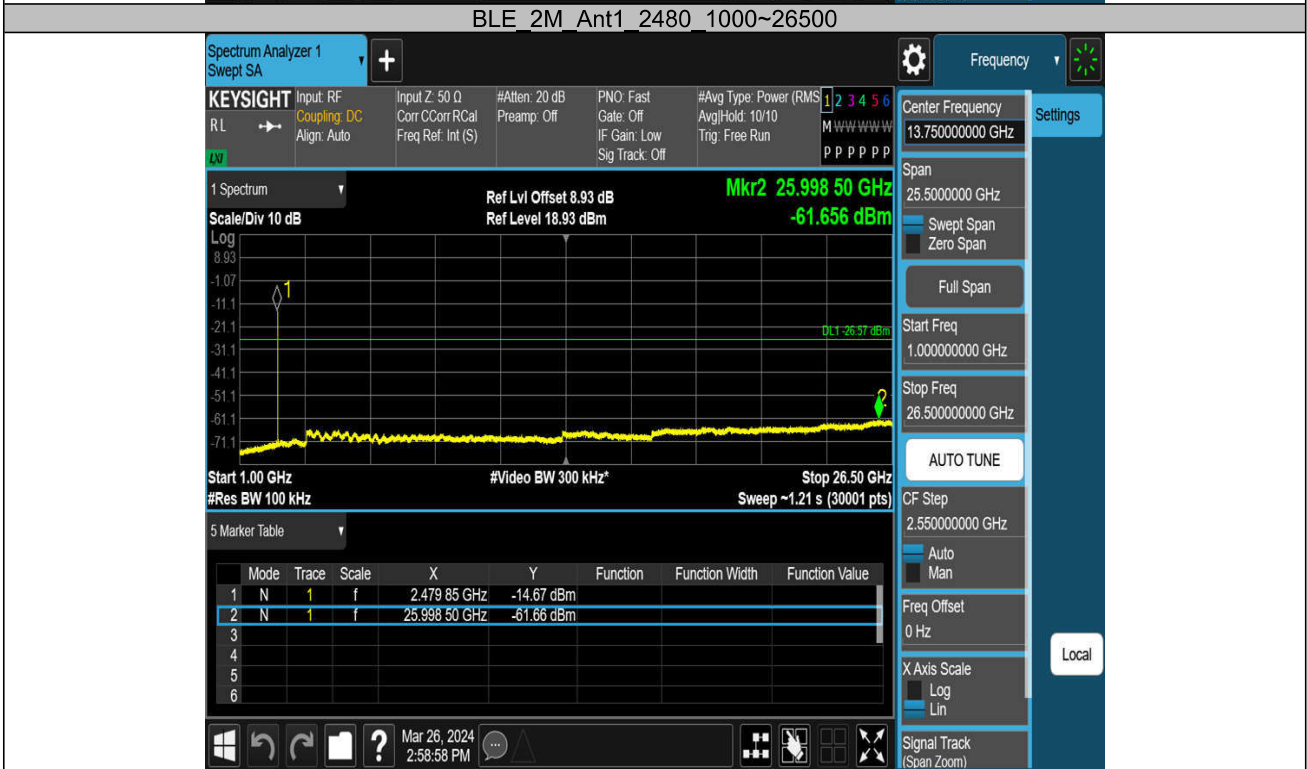
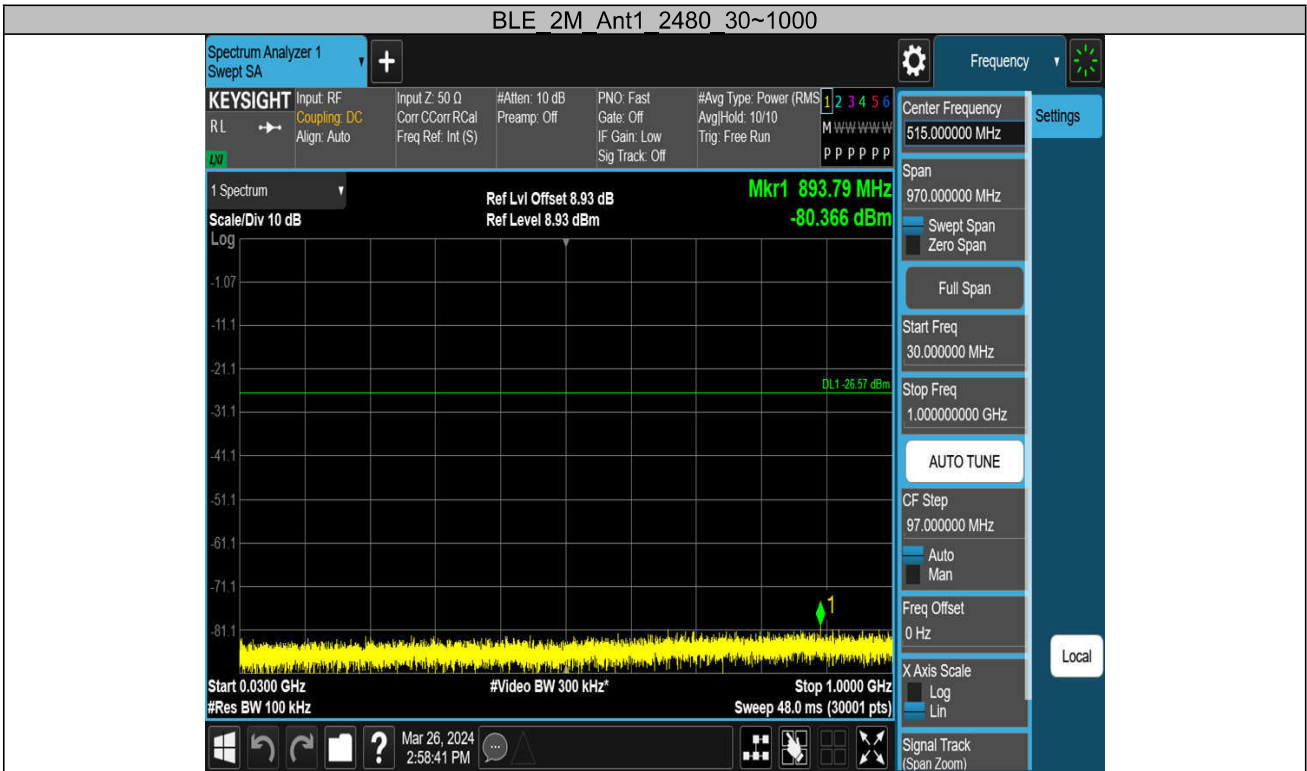
BLE 2M Ant1 2440 0~Reference



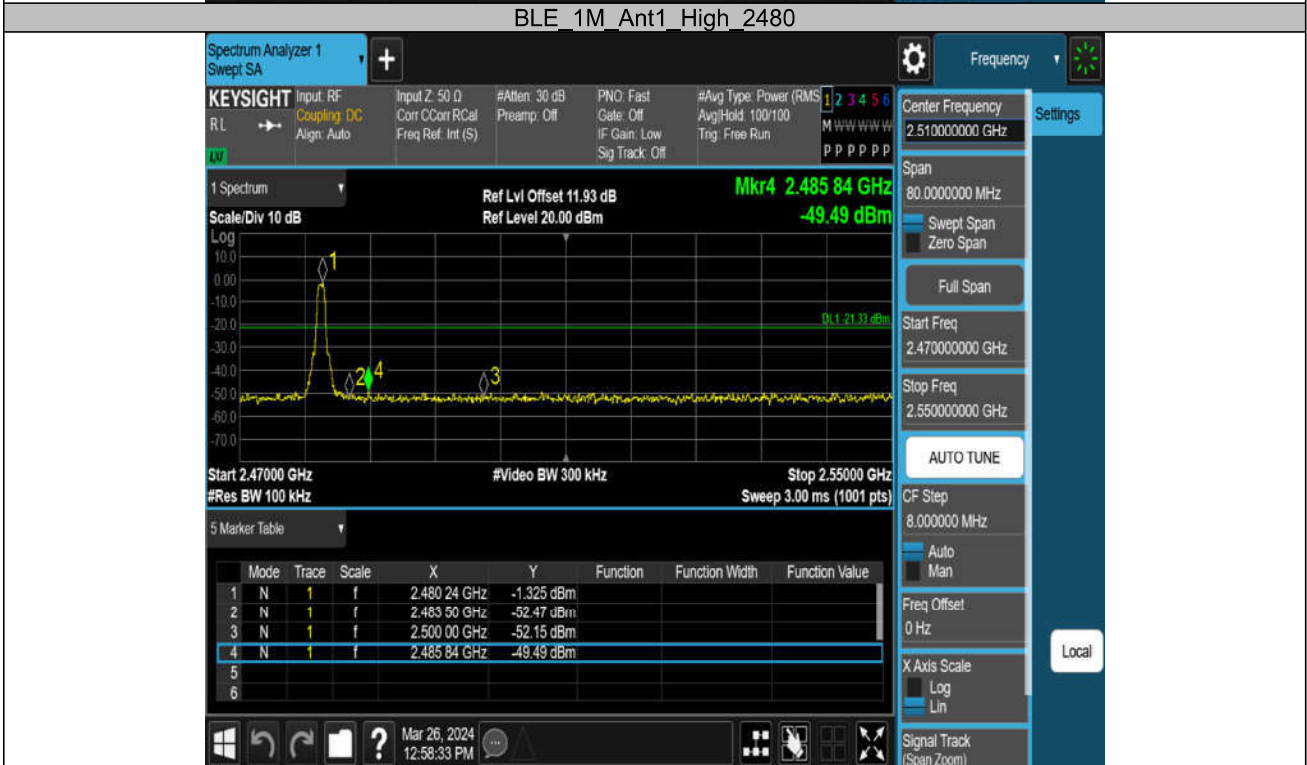
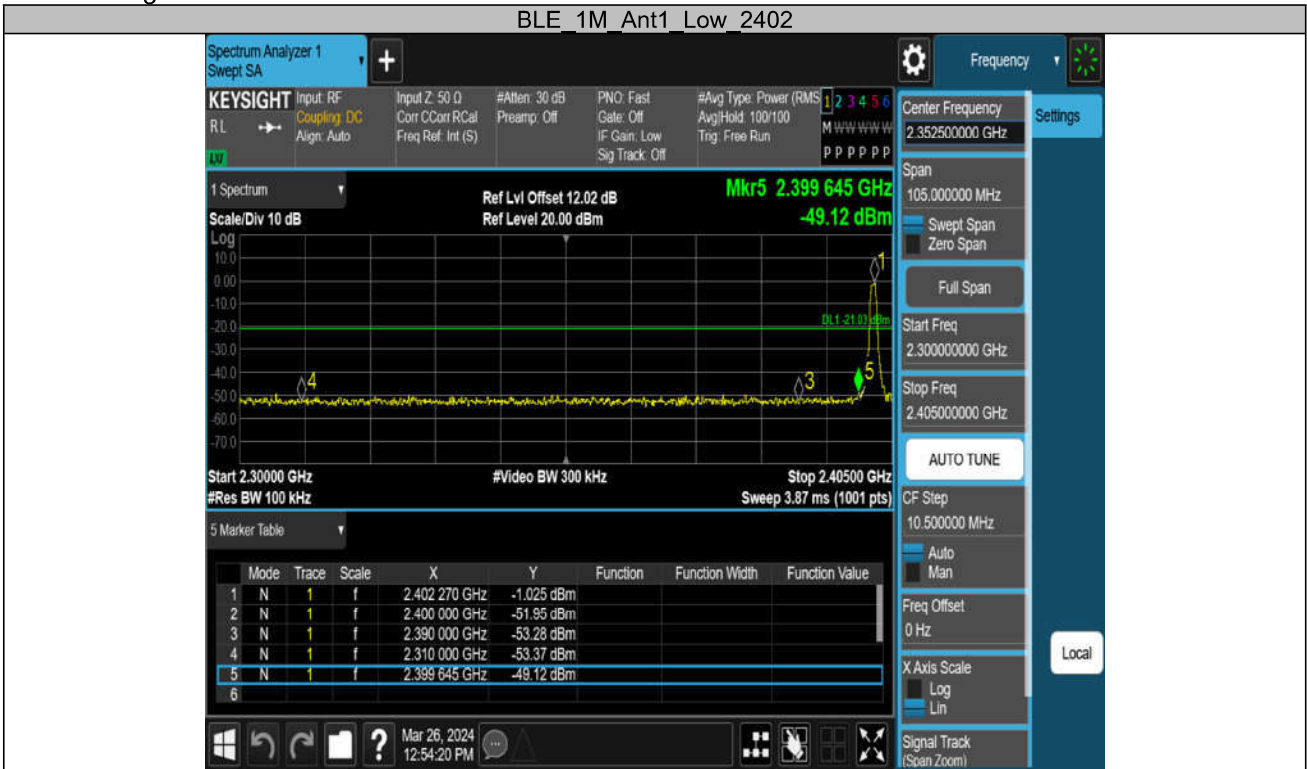
BLE 2M Ant1 2440 30~1000



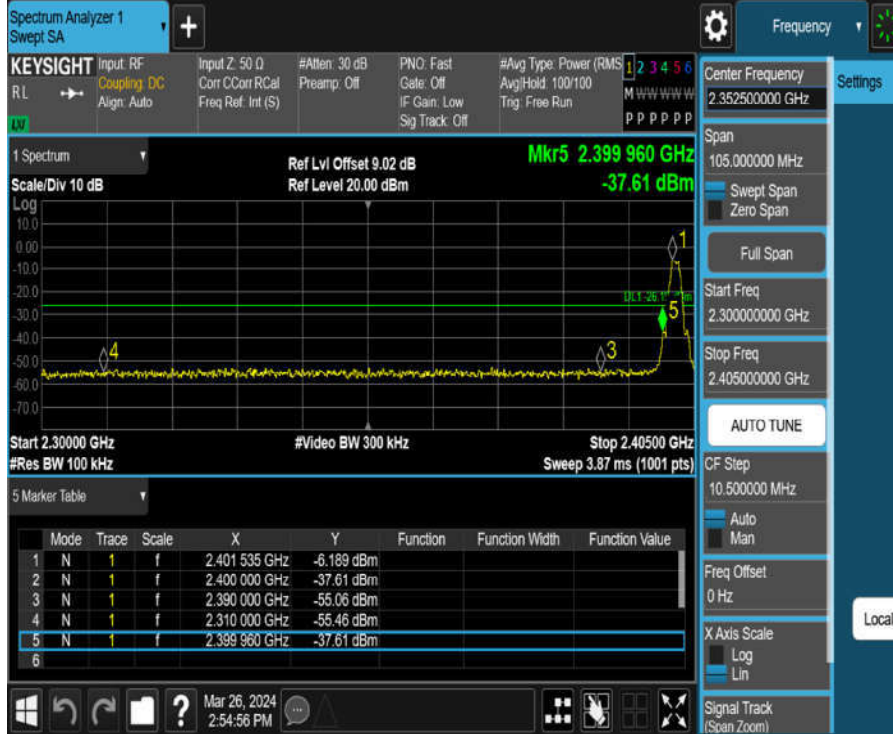




Band edge measurements



BLE 2M Ant1 Low 2402



BLE 2M Ant1 High 2480



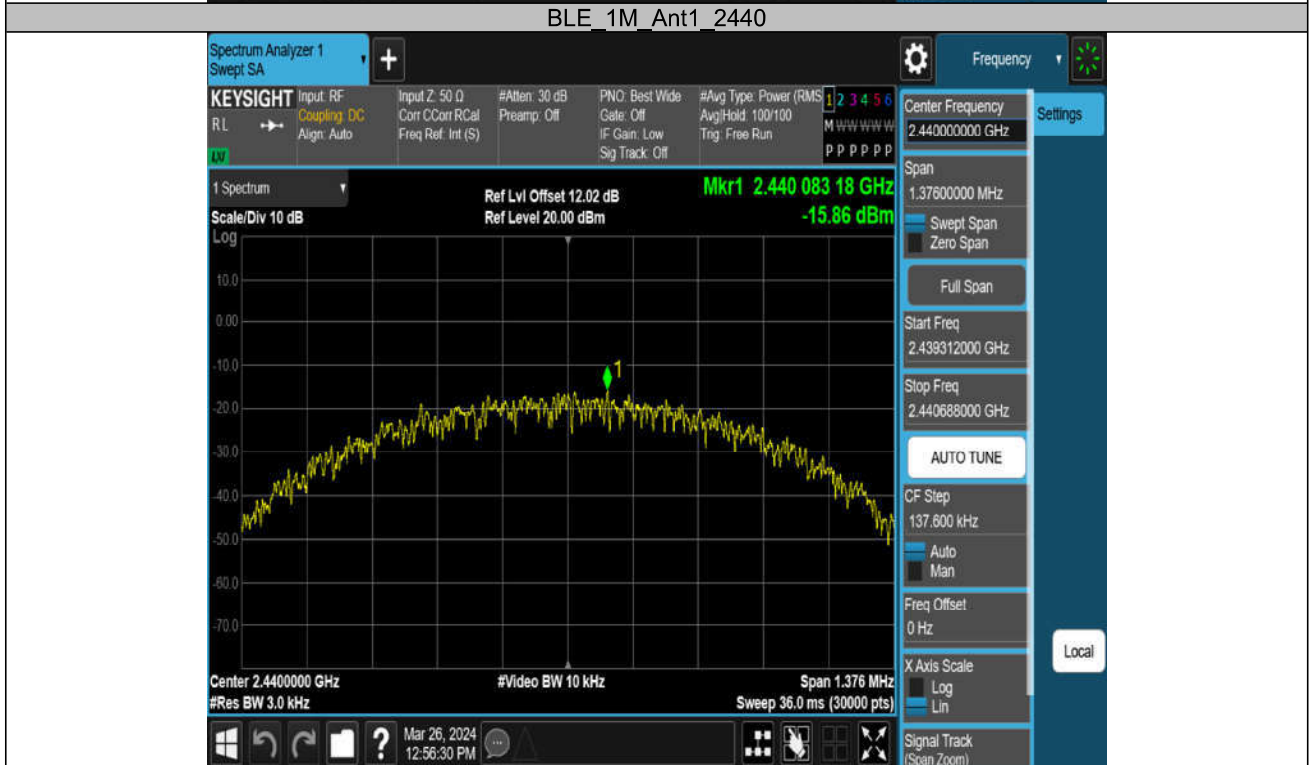
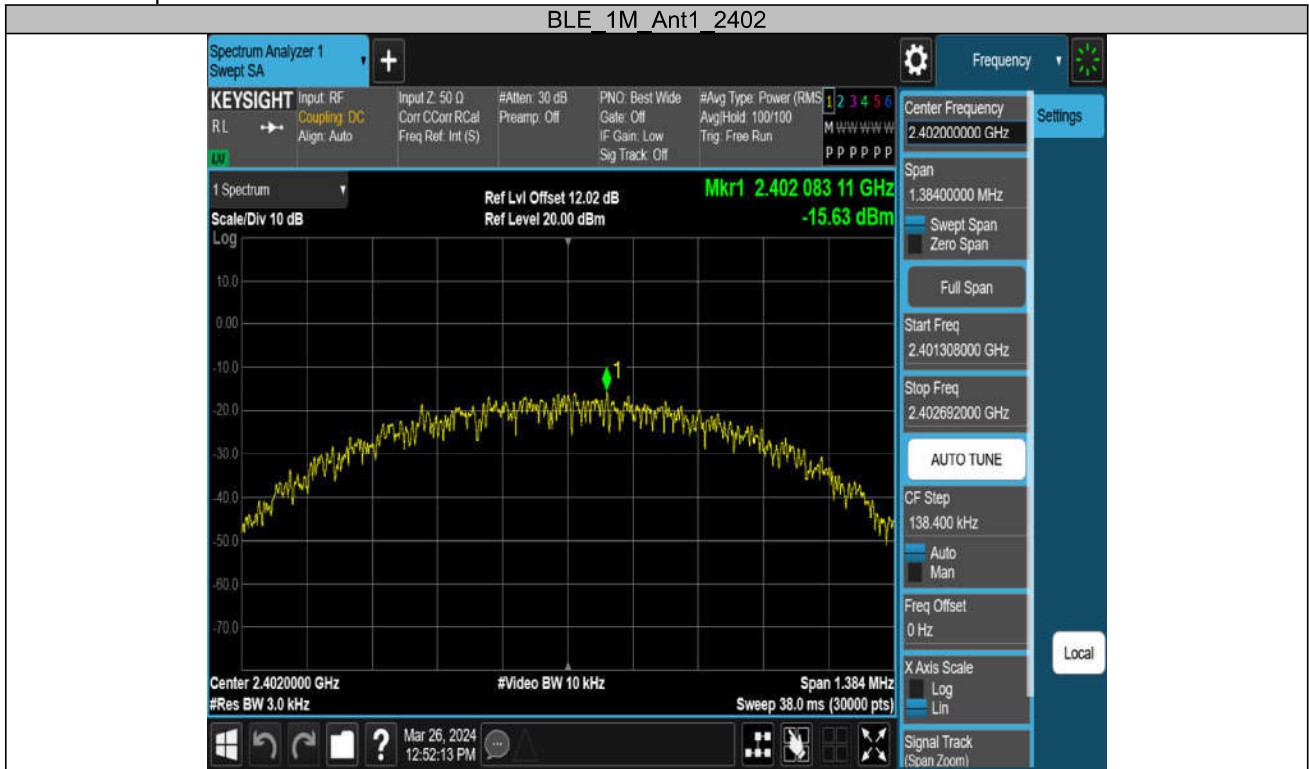


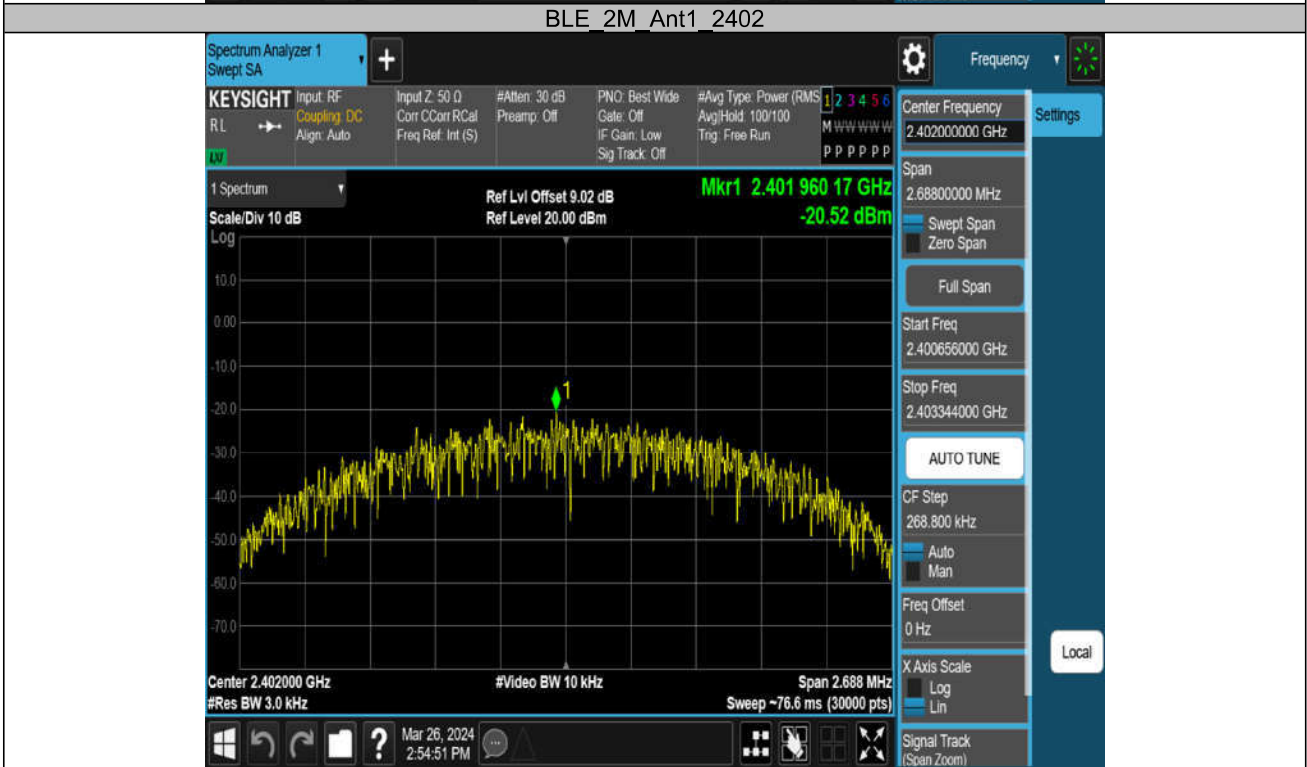
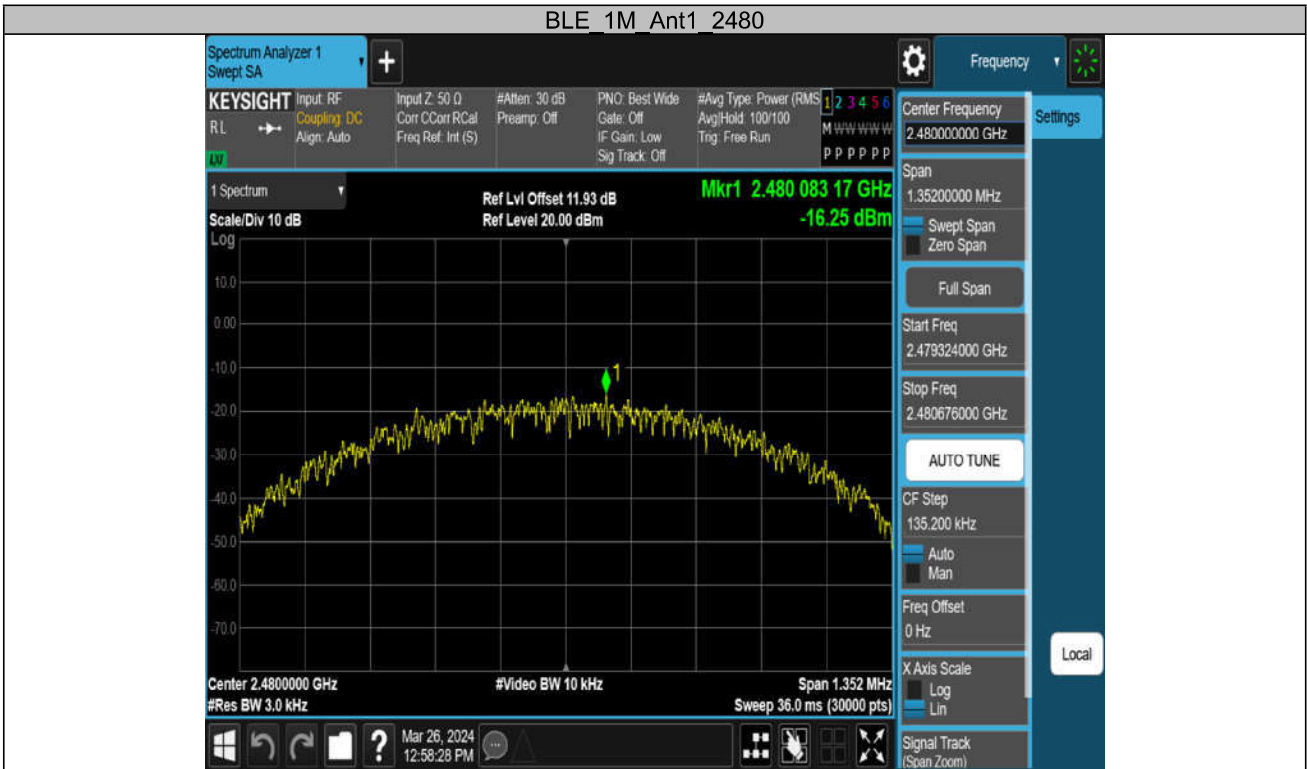
## APPENDIX H - POWER SPECTRAL DENSITY

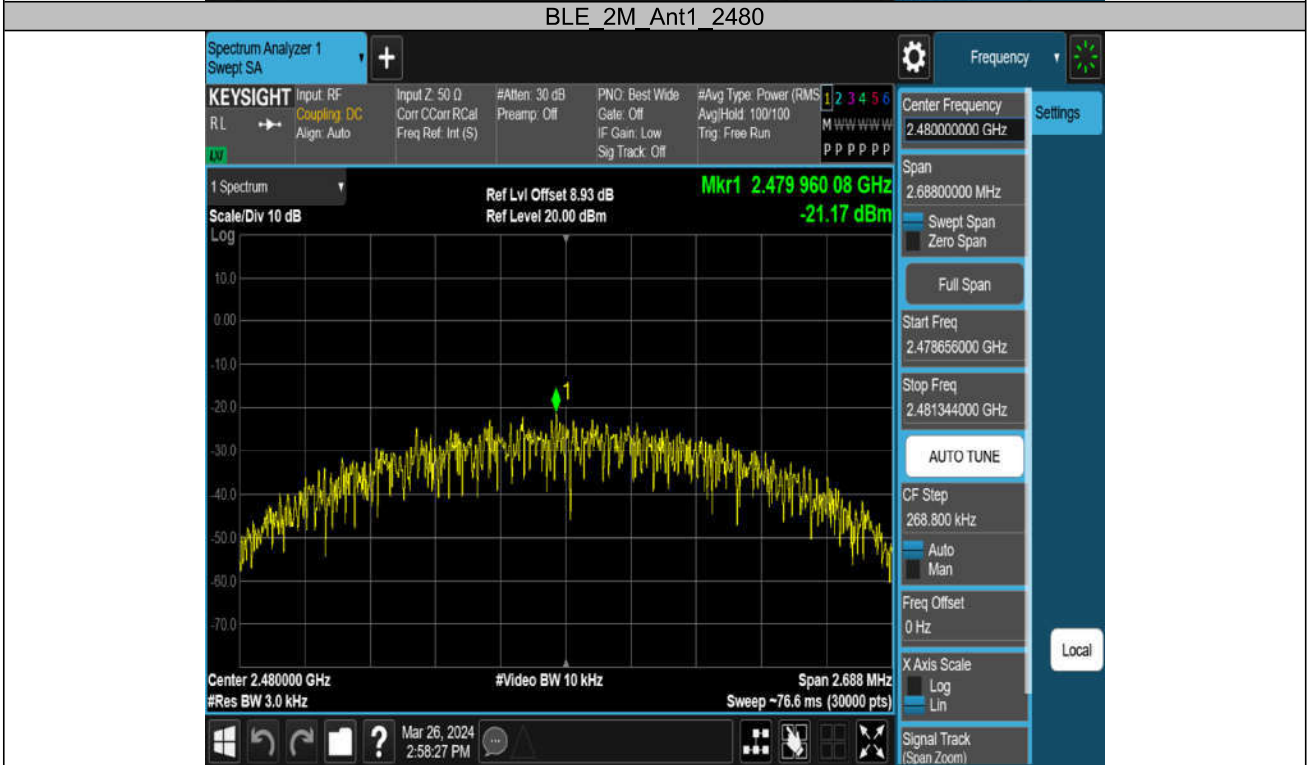
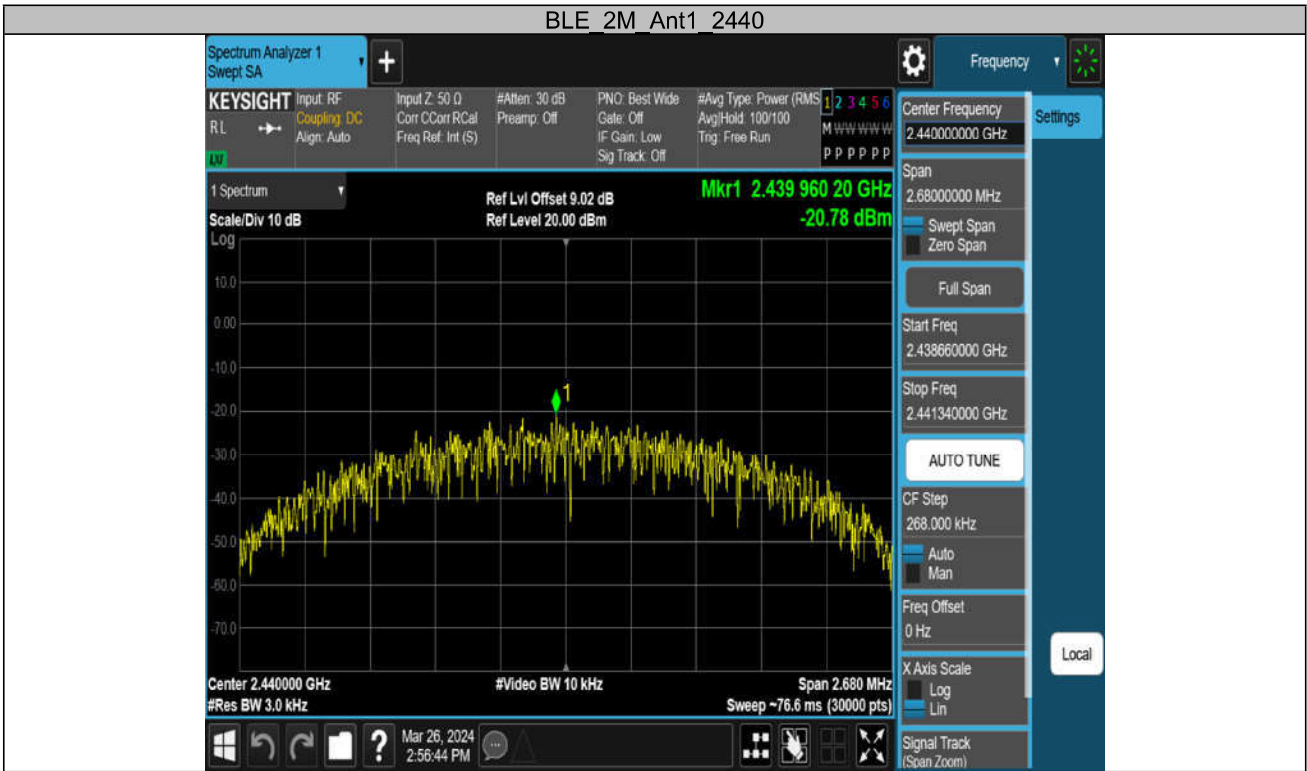
Test Mode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.63	≤8.00	PASS
		2440	-15.86	≤8.00	PASS
		2480	-16.25	≤8.00	PASS
BLE_2M	Ant1	2402	-20.52	≤8.00	PASS
		2440	-20.78	≤8.00	PASS
		2480	-21.17	≤8.00	PASS



Test Graphs







## Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technology 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.

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Tel: 0755-26024411

Email: [service@hy-lab.cn](mailto:service@hy-lab.cn)

**End of Test Report**