



Appendix B

RF Test Data for BT LE(Conducted Measurement)

Product Name: E-INK Tablet

Test Model: Kloudnote-Slim

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng



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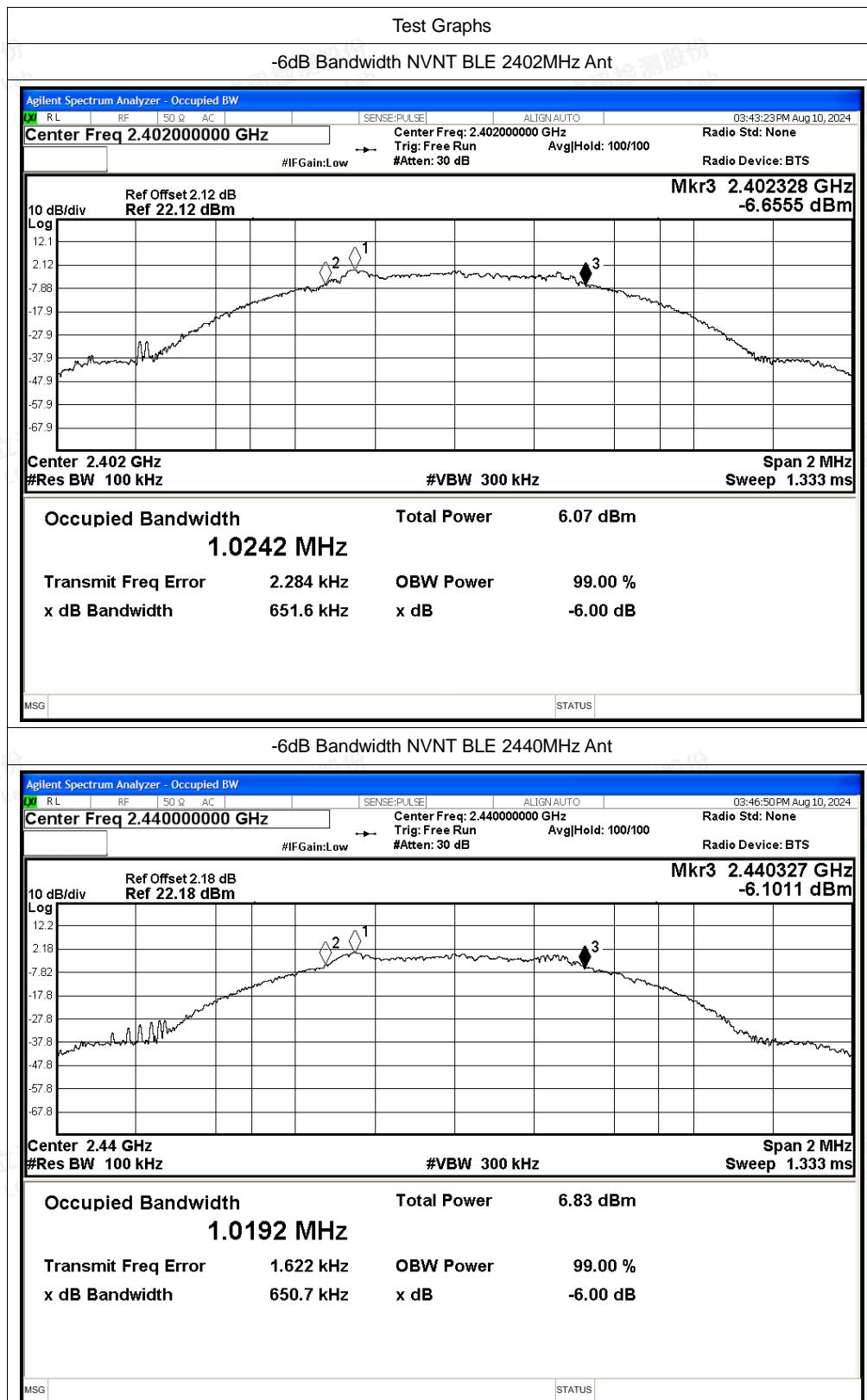


B.1 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant	0.652	>=0.5	Pass
NVNT	BLE	2440	Ant	0.651	>=0.5	Pass
NVNT	BLE	2480	Ant	0.654	>=0.5	Pass



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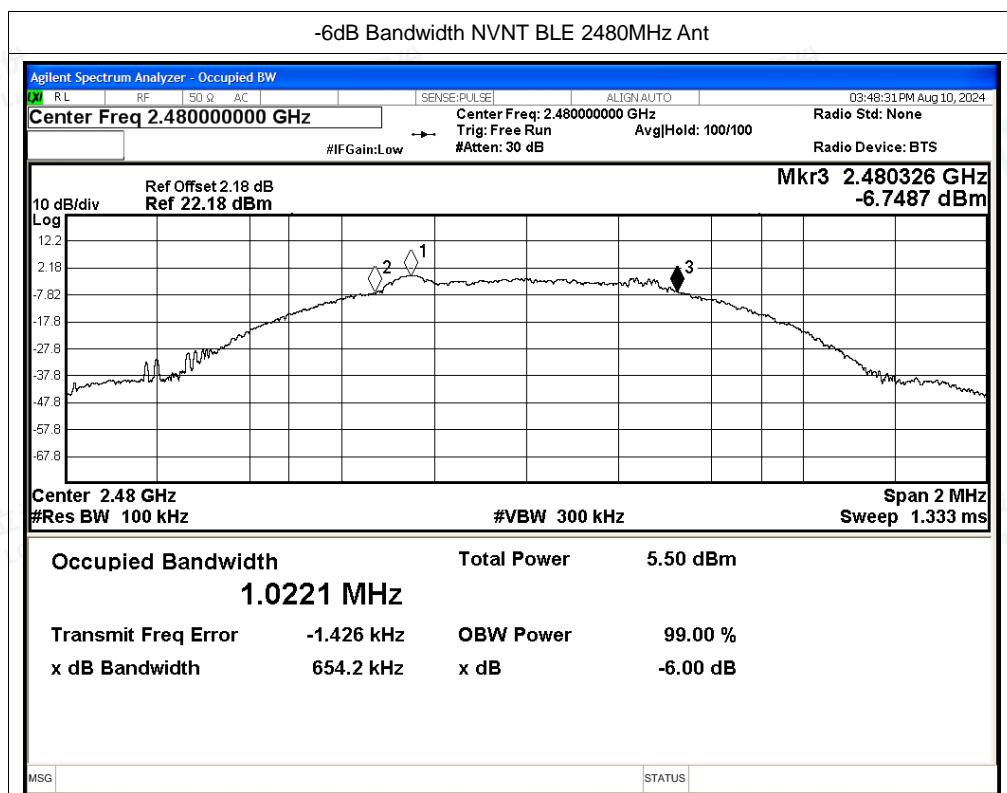


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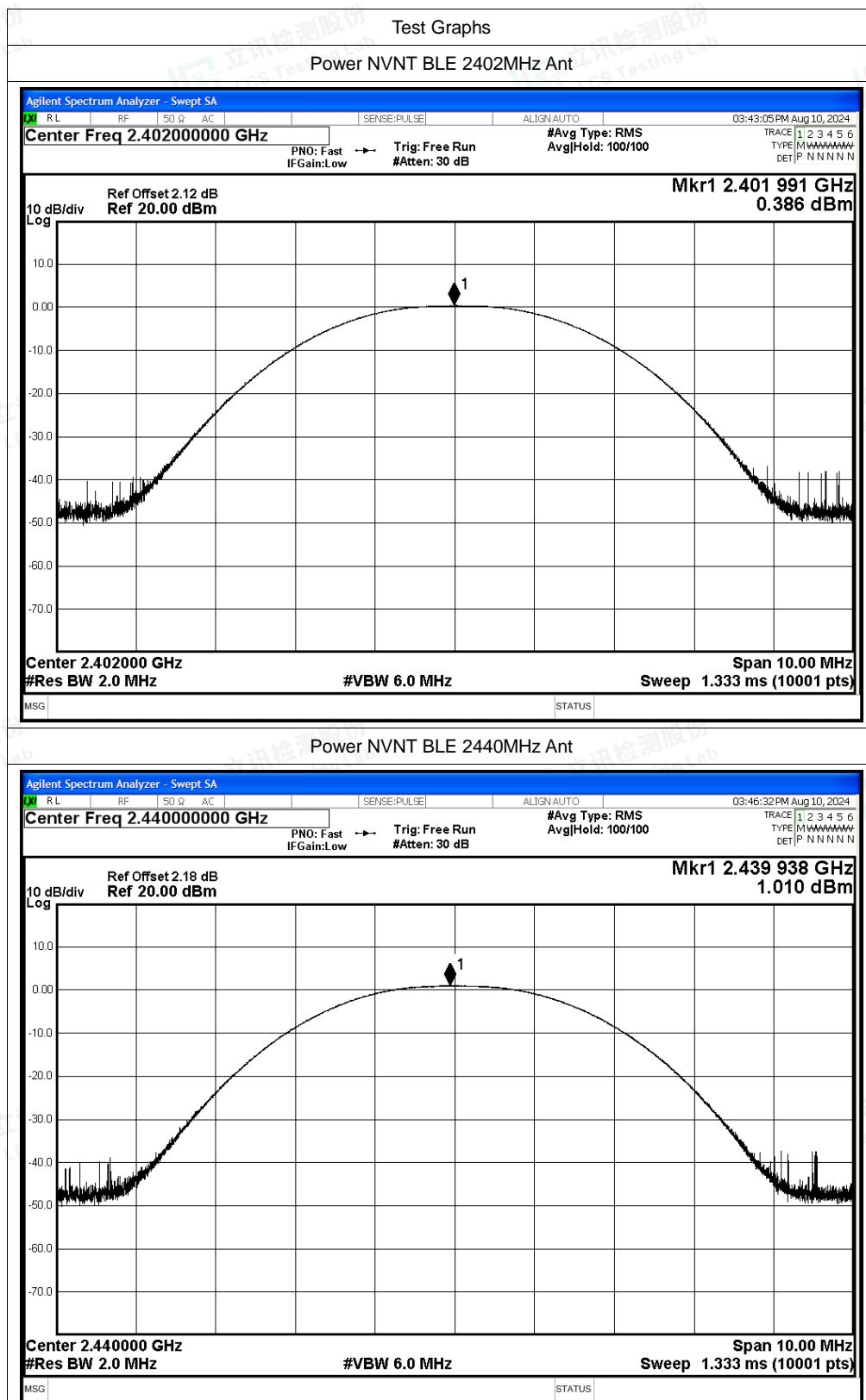


B.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant	0.39	30	Pass
NVNT	BLE	2440	Ant	1.01	30	Pass
NVNT	BLE	2480	Ant	-0.24	30	Pass



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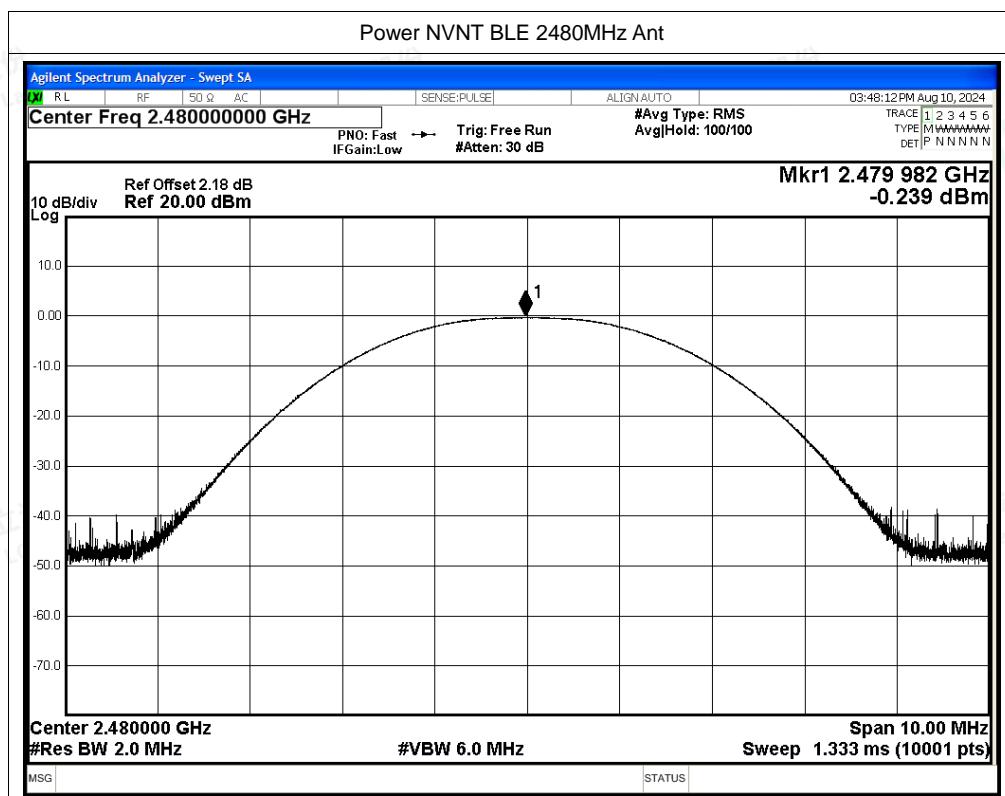


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B.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE	2402	Ant	-16.42	8	Pass
NVNT	BLE	2440	Ant	-15.9	8	Pass
NVNT	BLE	2480	Ant	-17.02	8	Pass

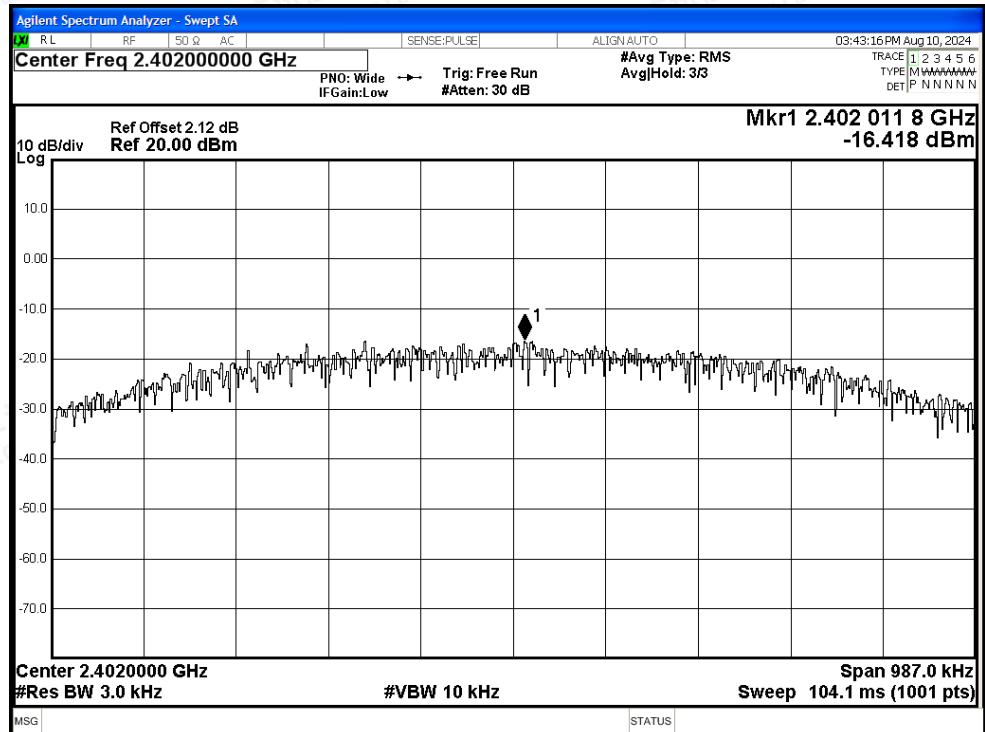


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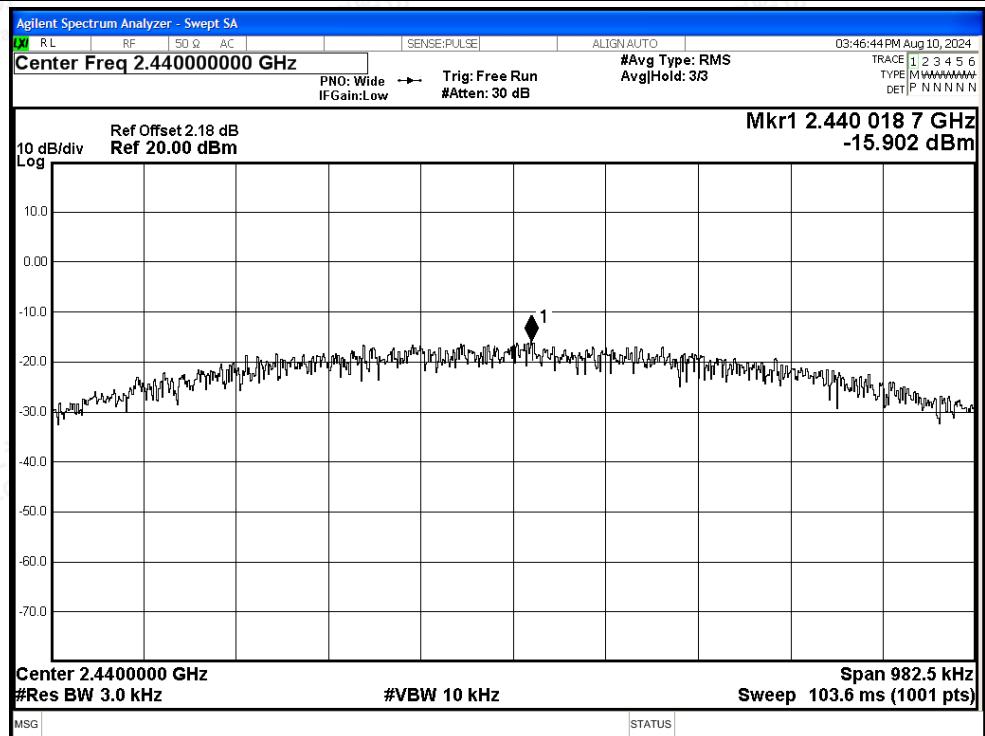


Test Graphs

PSD NVNT BLE 2402MHz Ant



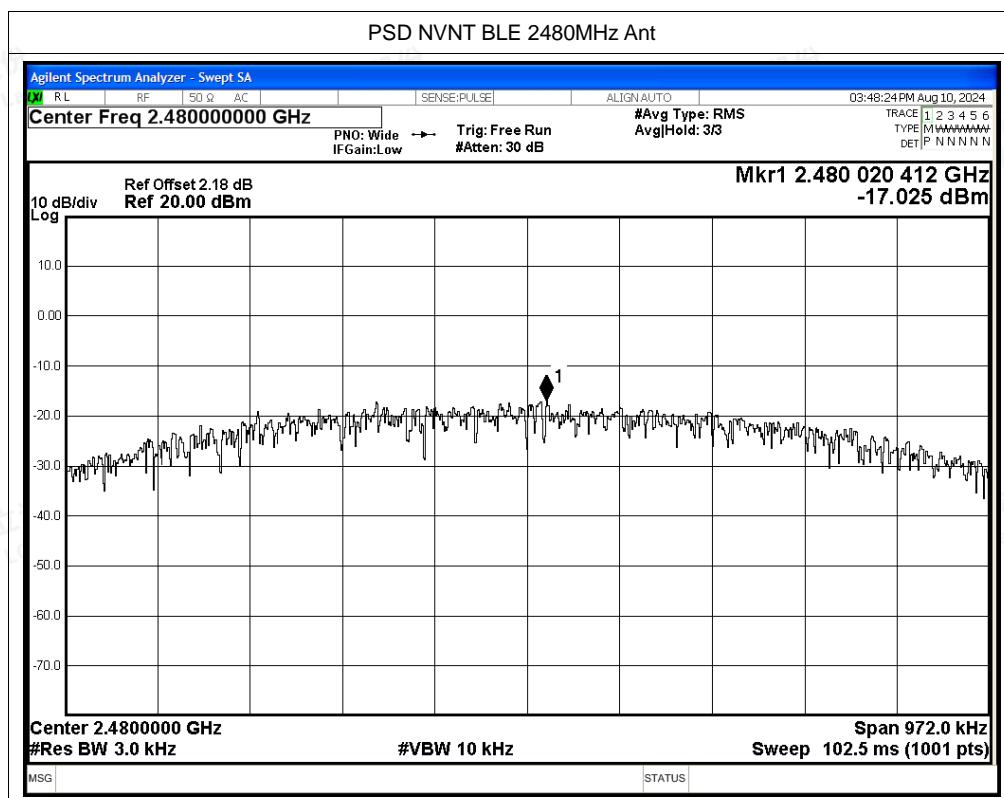
PSD NVNT BLE 2440MHz Ant



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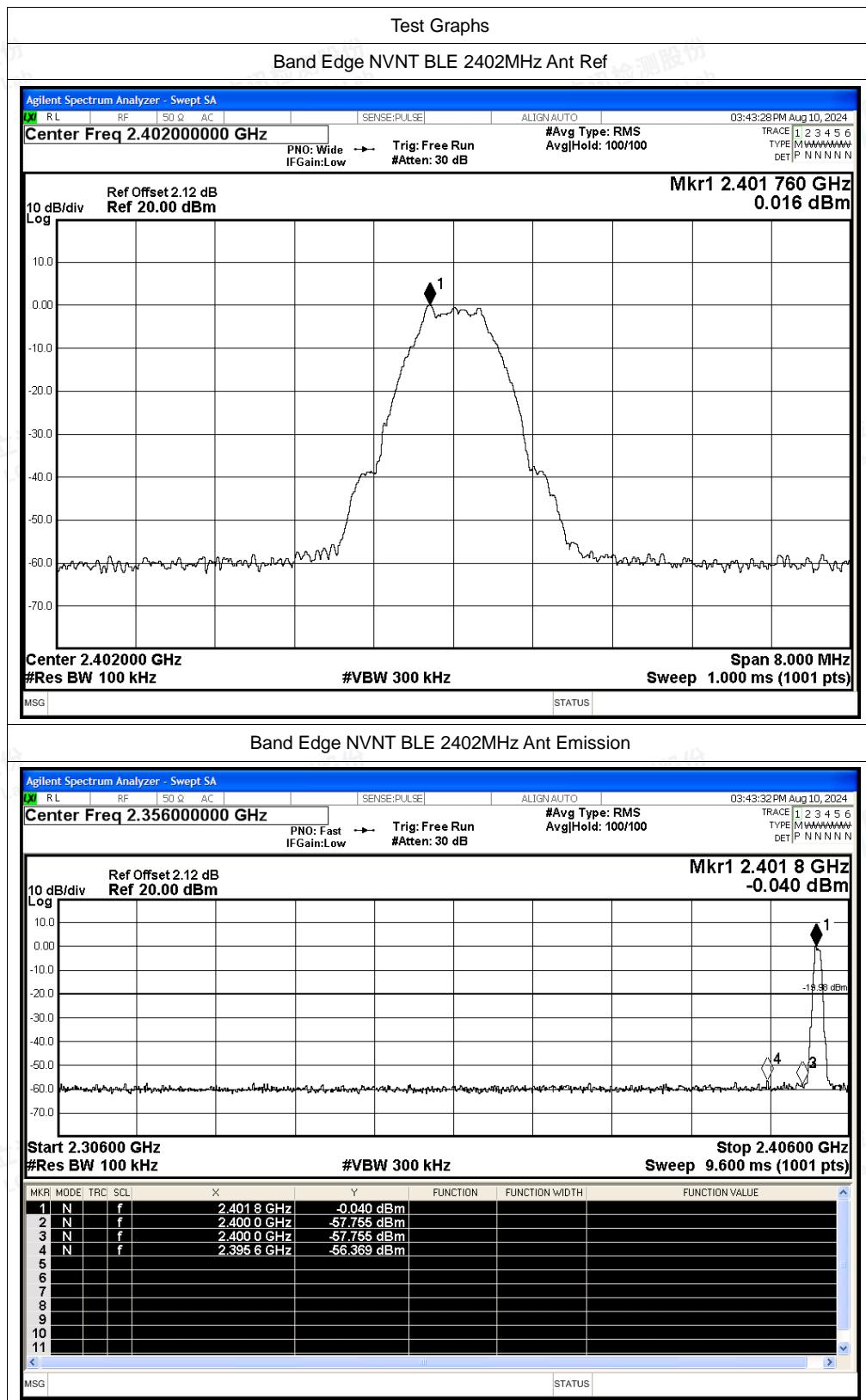


B.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant	-56.39	-20	Pass
NVNT	BLE	2480	Ant	-55.97	-20	Pass



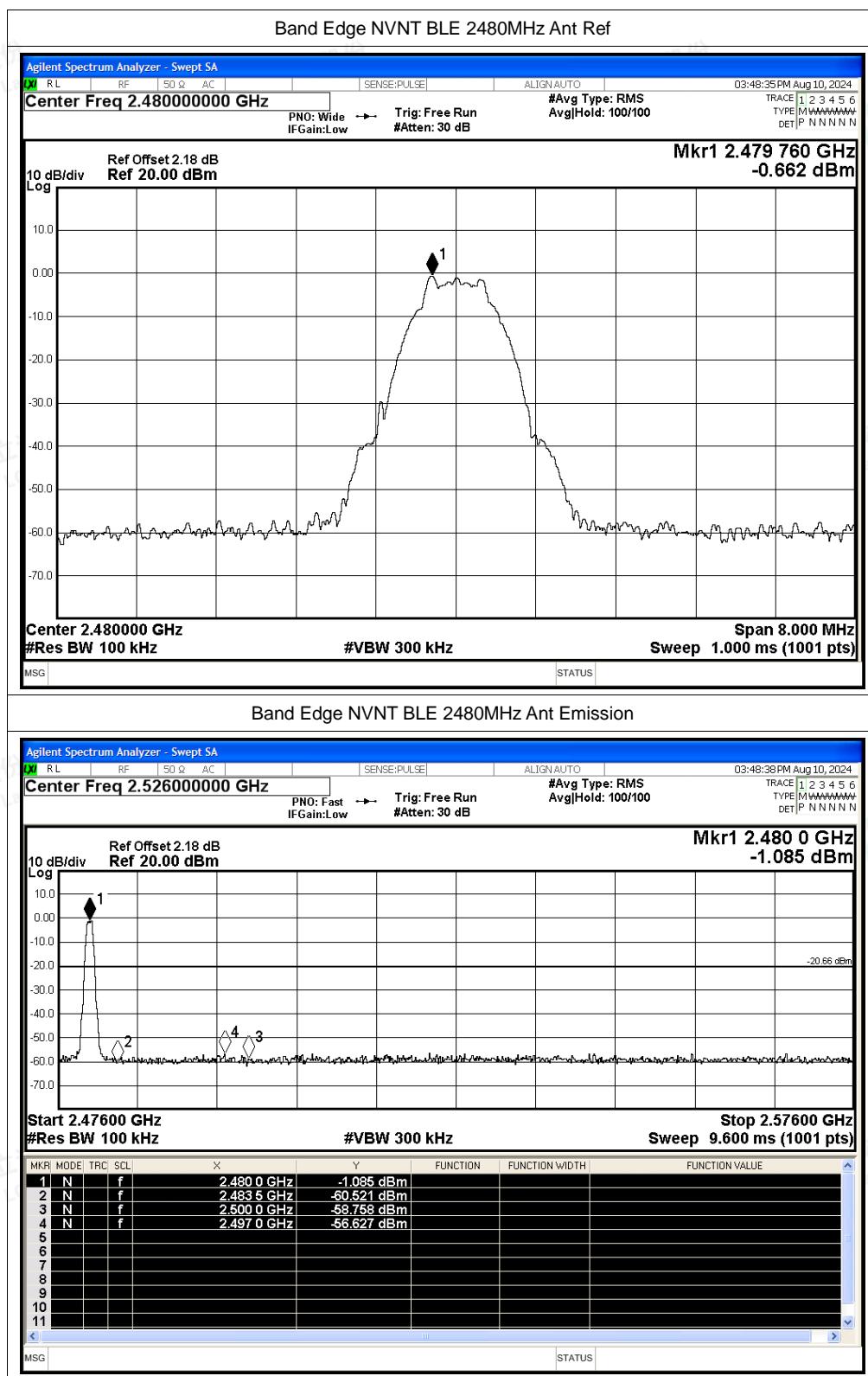
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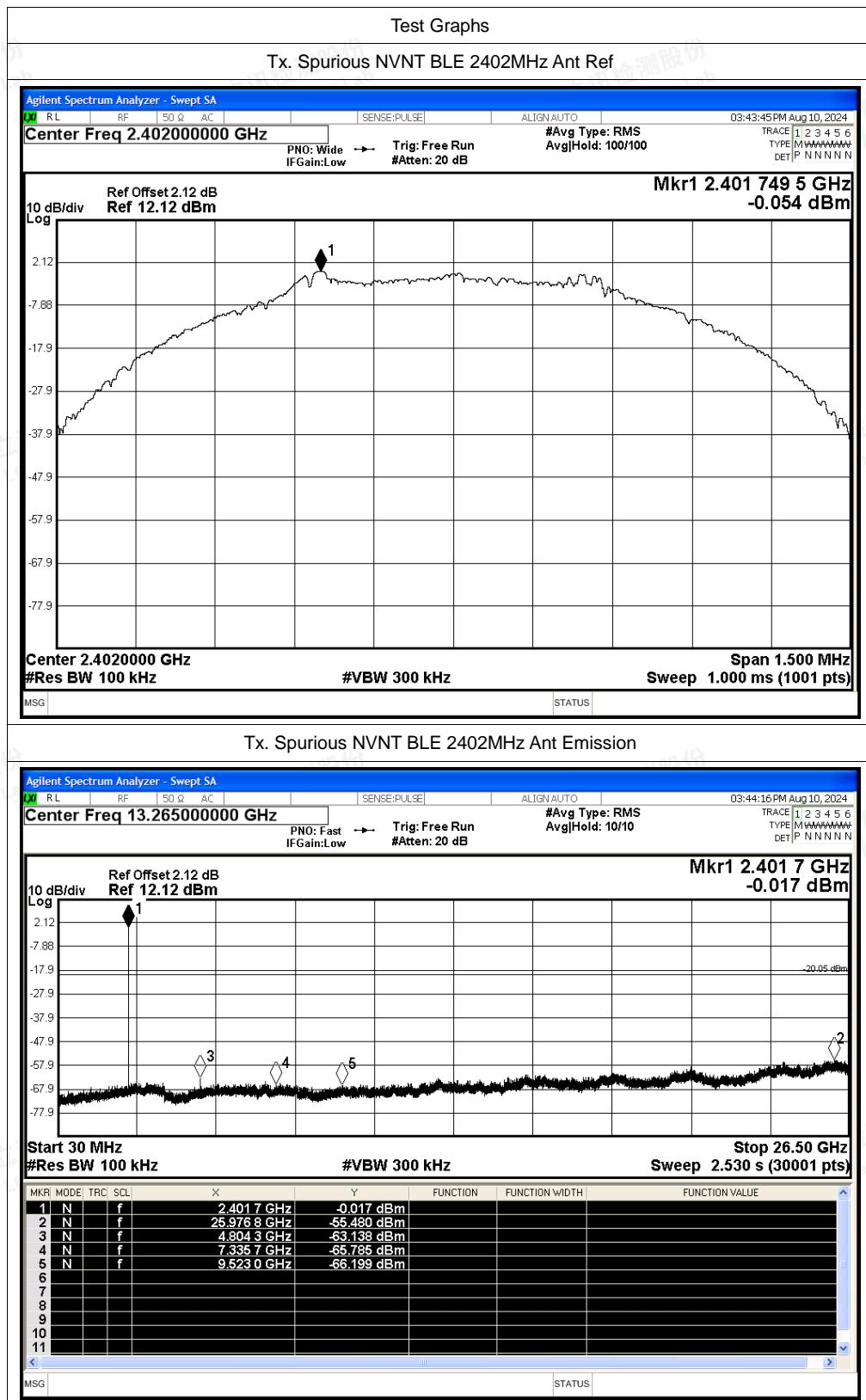


B.5 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant	-55.43	-20	Pass
NVNT	BLE	2440	Ant	-55.8	-20	Pass
NVNT	BLE	2480	Ant	-54.58	-20	Pass



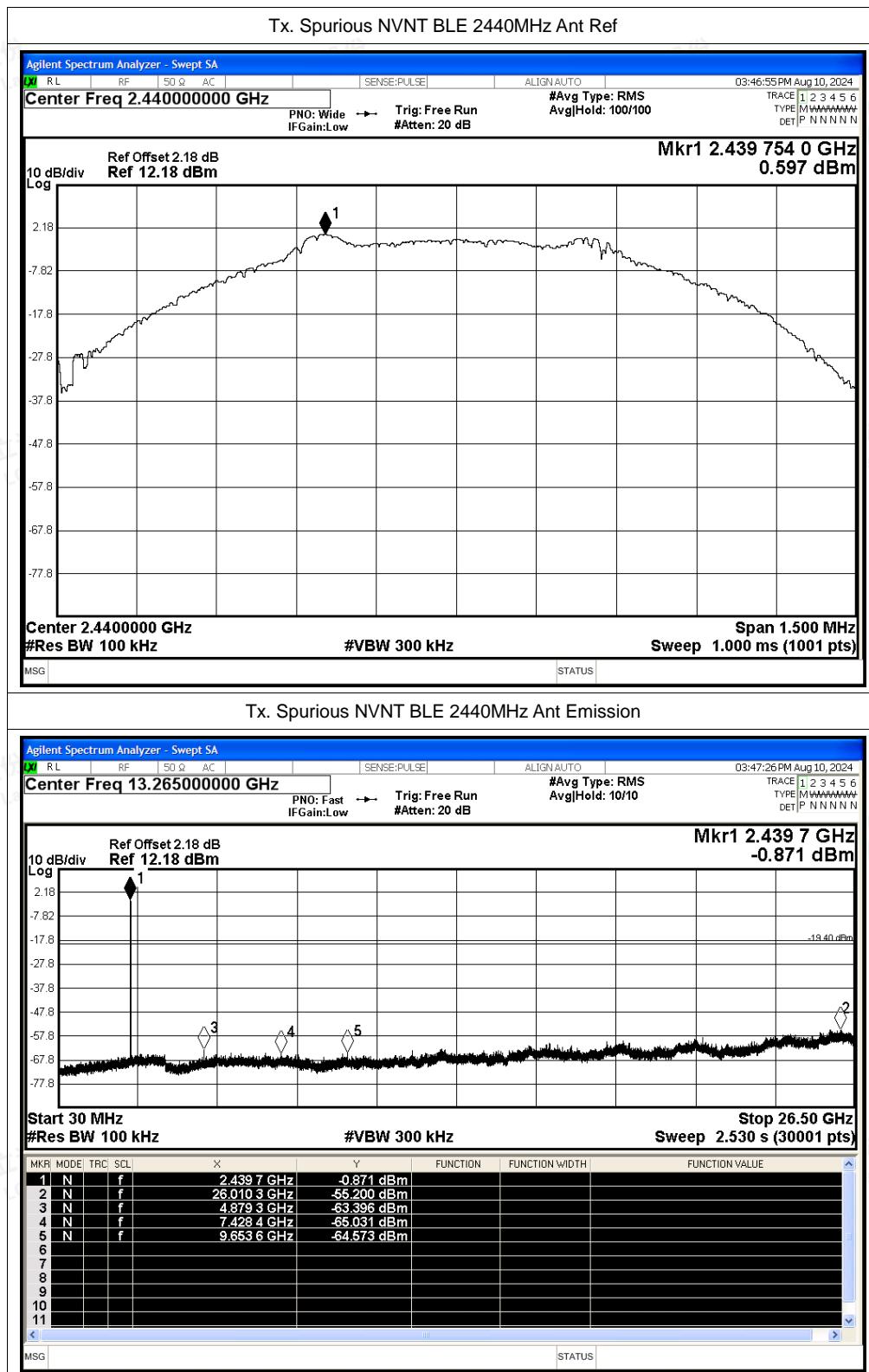
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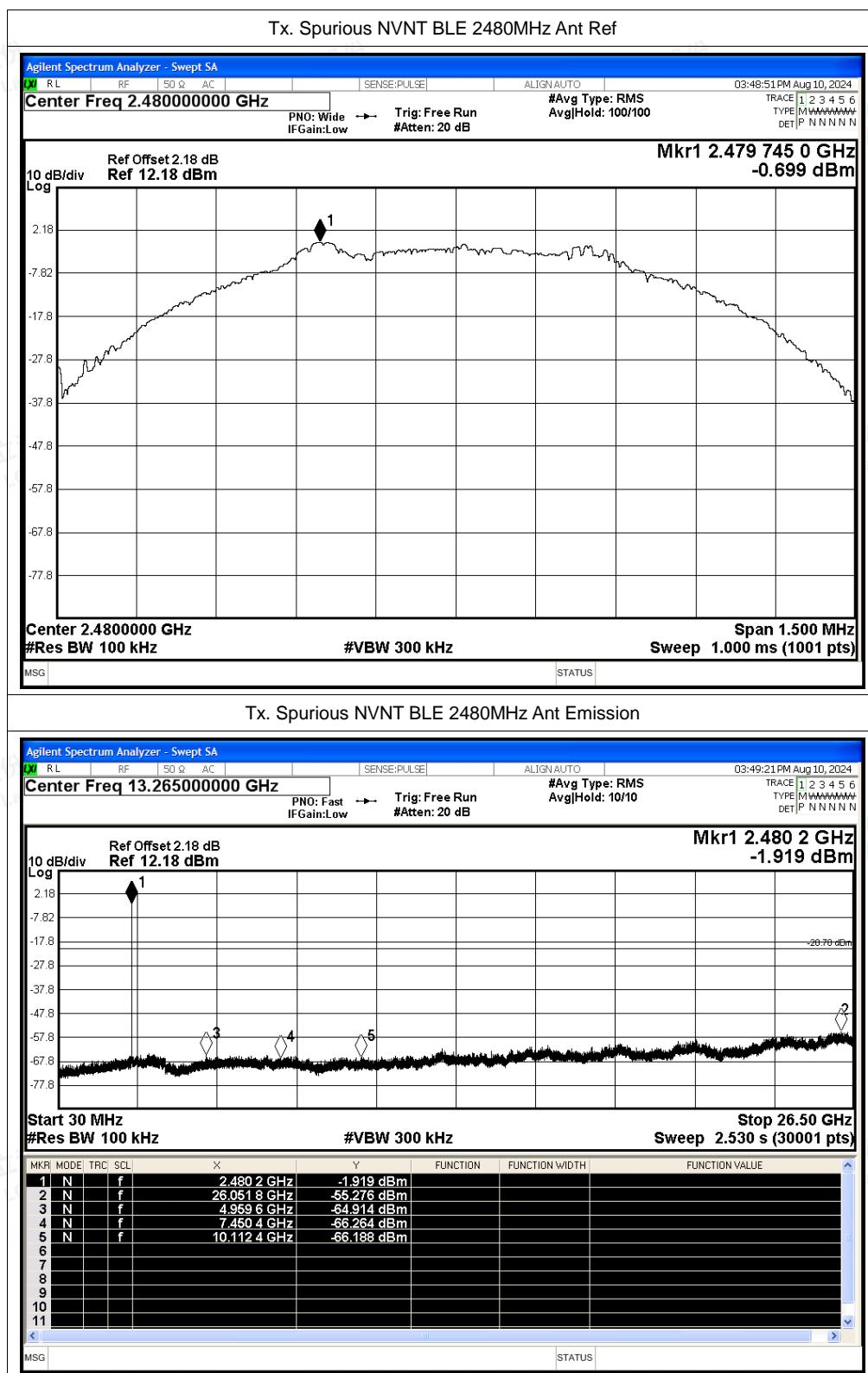


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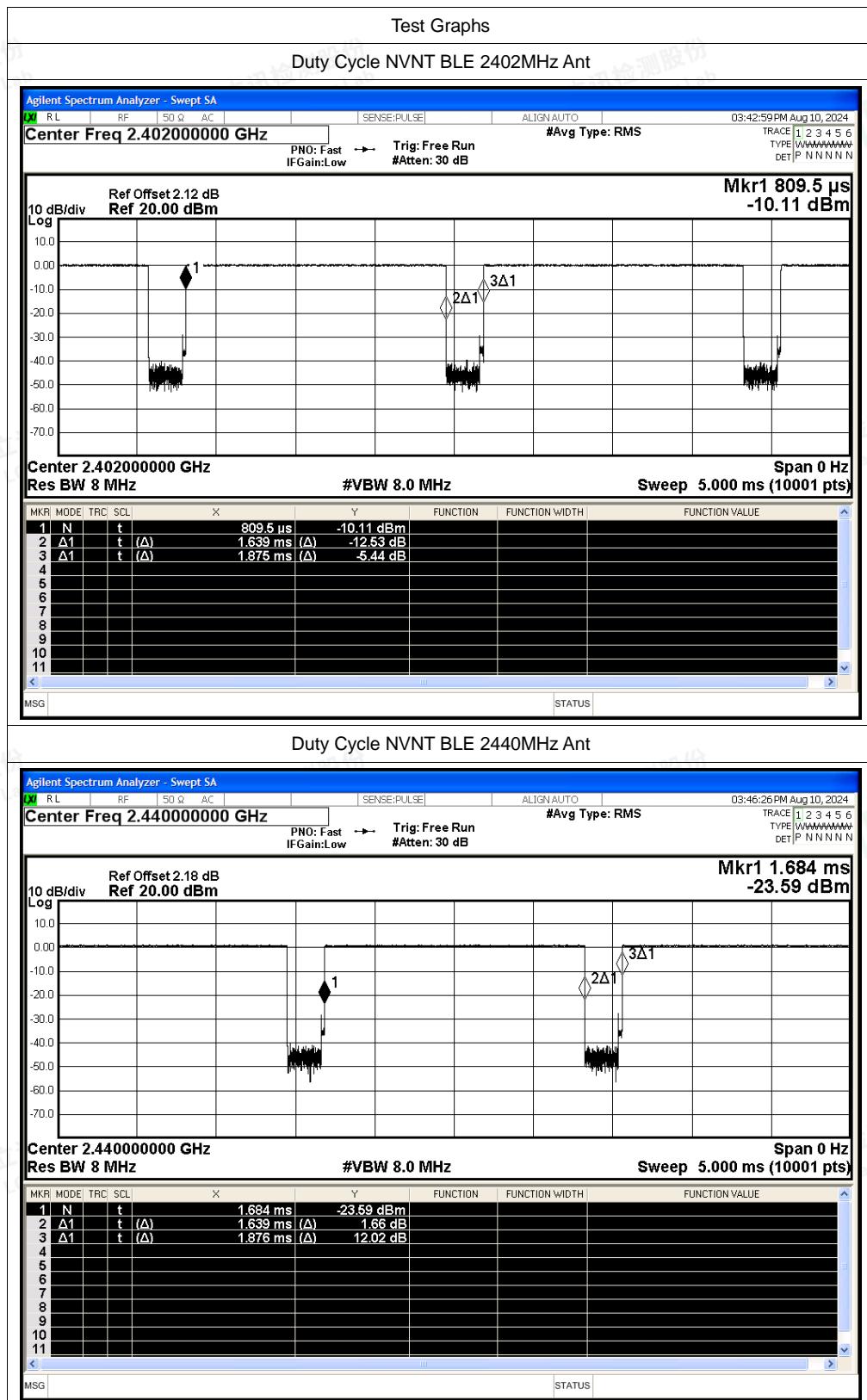


B.6 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE	2402	Ant	87.39	0.59	0.61
NVNT	BLE	2440	Ant	87.39	0.59	0.61
NVNT	BLE	2480	Ant	87.36	0.59	0.61



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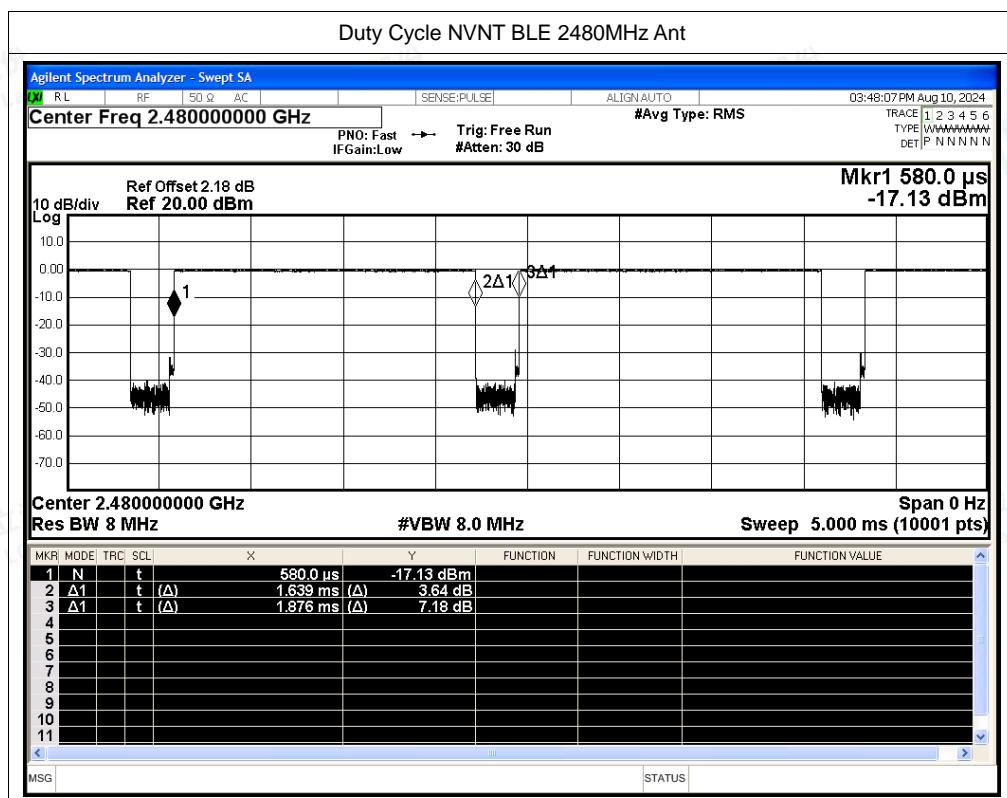


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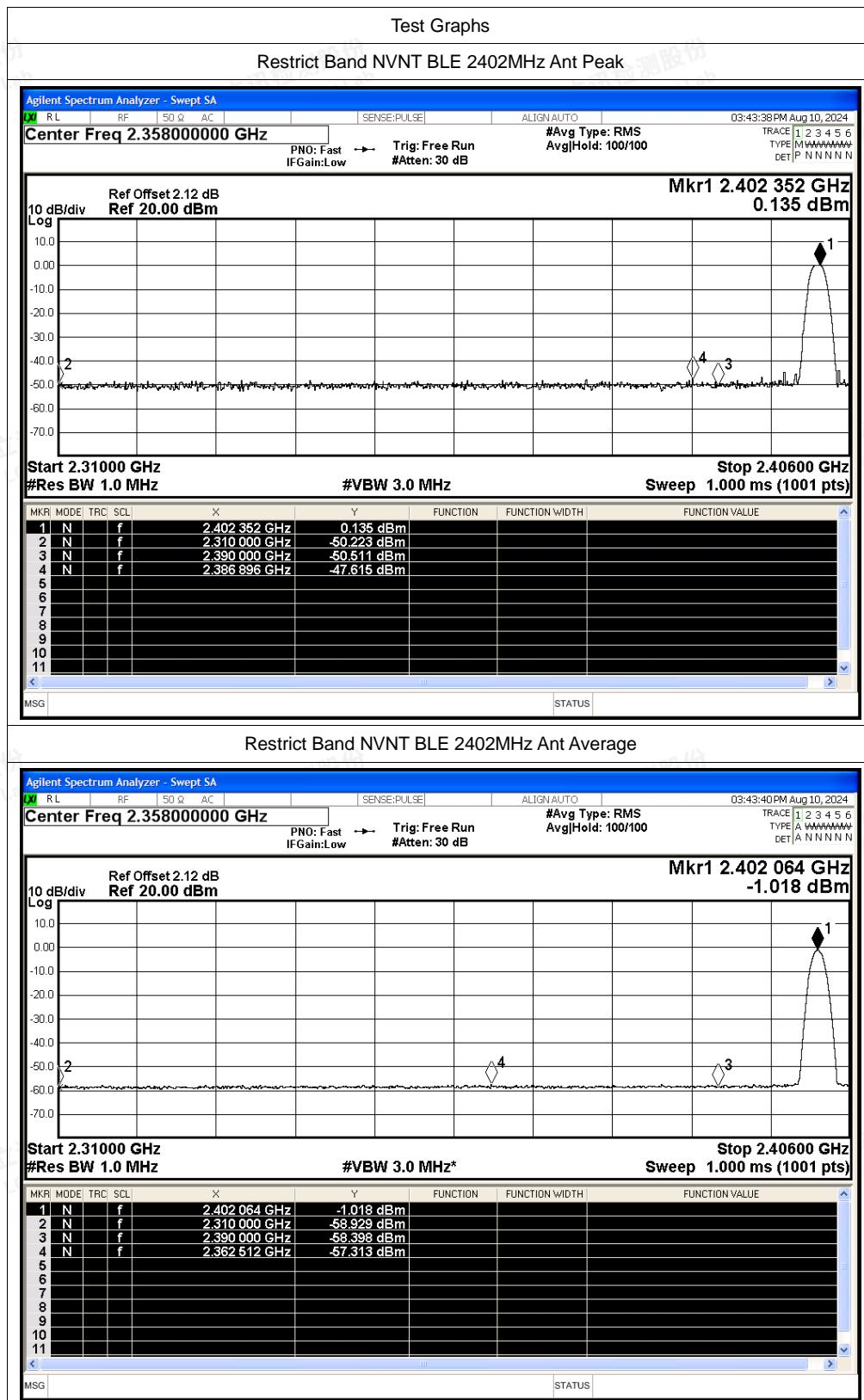
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B.7 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	BLE	2402	Ant	2310	-50.22	2	-	47.04	Peak	74	Pass
NVNT	BLE	2402	Ant	2310	-58.93	2	0.59	38.92	Average	54	Pass
NVNT	BLE	2402	Ant	2386.896	-47.62	2	-	49.64	Peak	74	Pass
NVNT	BLE	2402	Ant	2362.512	-57.31	2	0.59	40.54	Average	54	Pass
NVNT	BLE	2402	Ant	2390	-50.51	2	-	46.75	Peak	74	Pass
NVNT	BLE	2402	Ant	2390	-58.4	2	0.59	39.45	Average	54	Pass
NVNT	BLE	2480	Ant	2483.5	-47.97	2	-	49.29	Peak	74	Pass
NVNT	BLE	2480	Ant	2483.5	-57.5	2	0.59	40.35	Average	54	Pass
NVNT	BLE	2480	Ant	2484.352	-44.37	2	-	52.89	Peak	74	Pass
NVNT	BLE	2480	Ant	2484.112	-57.04	2	0.59	40.81	Average	54	Pass
NVNT	BLE	2480	Ant	2500	-50.76	2	-	46.50	Peak	74	Pass
NVNT	BLE	2480	Ant	2500	-57.56	2	0.59	40.29	Average	54	Pass

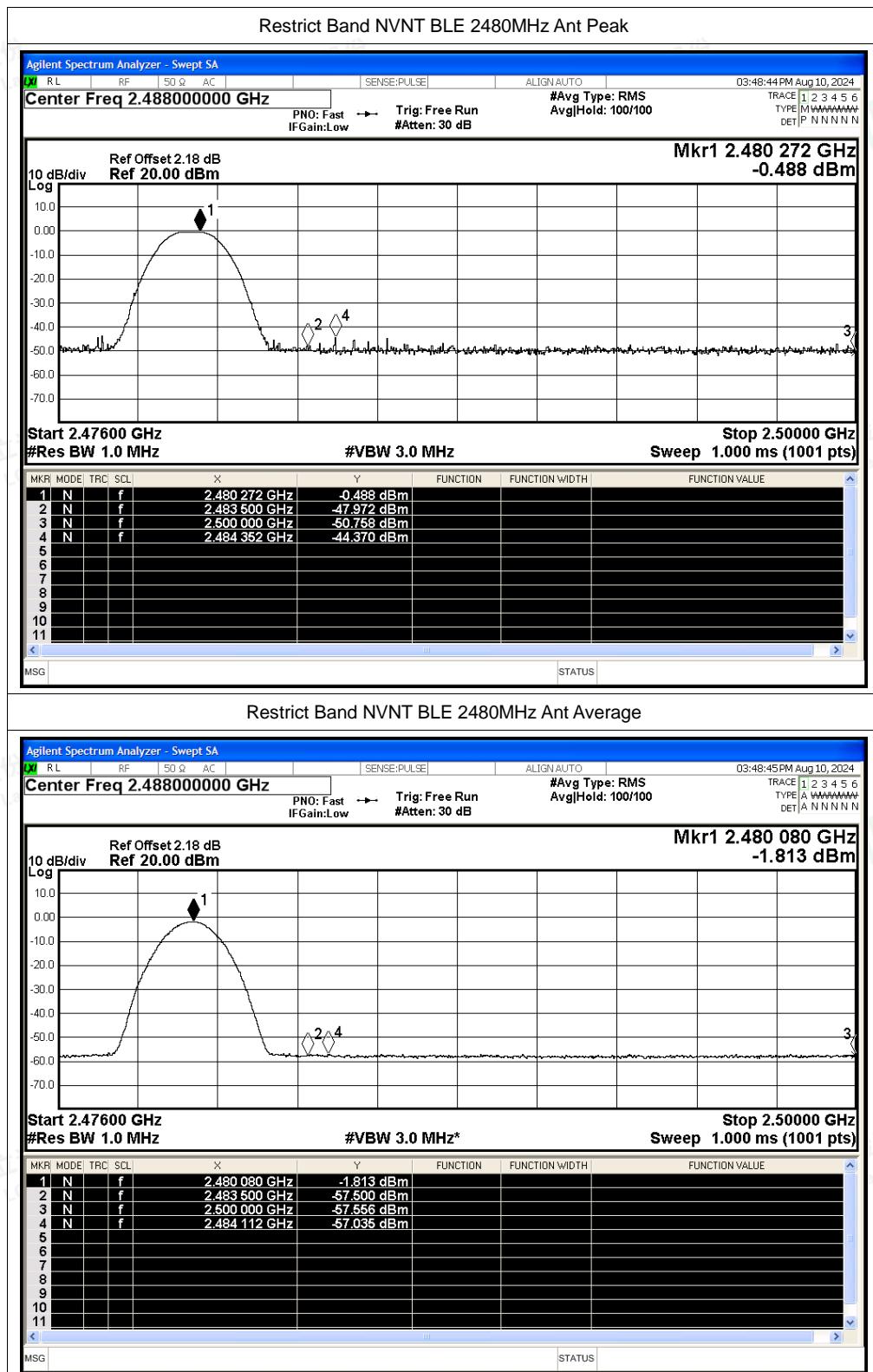




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