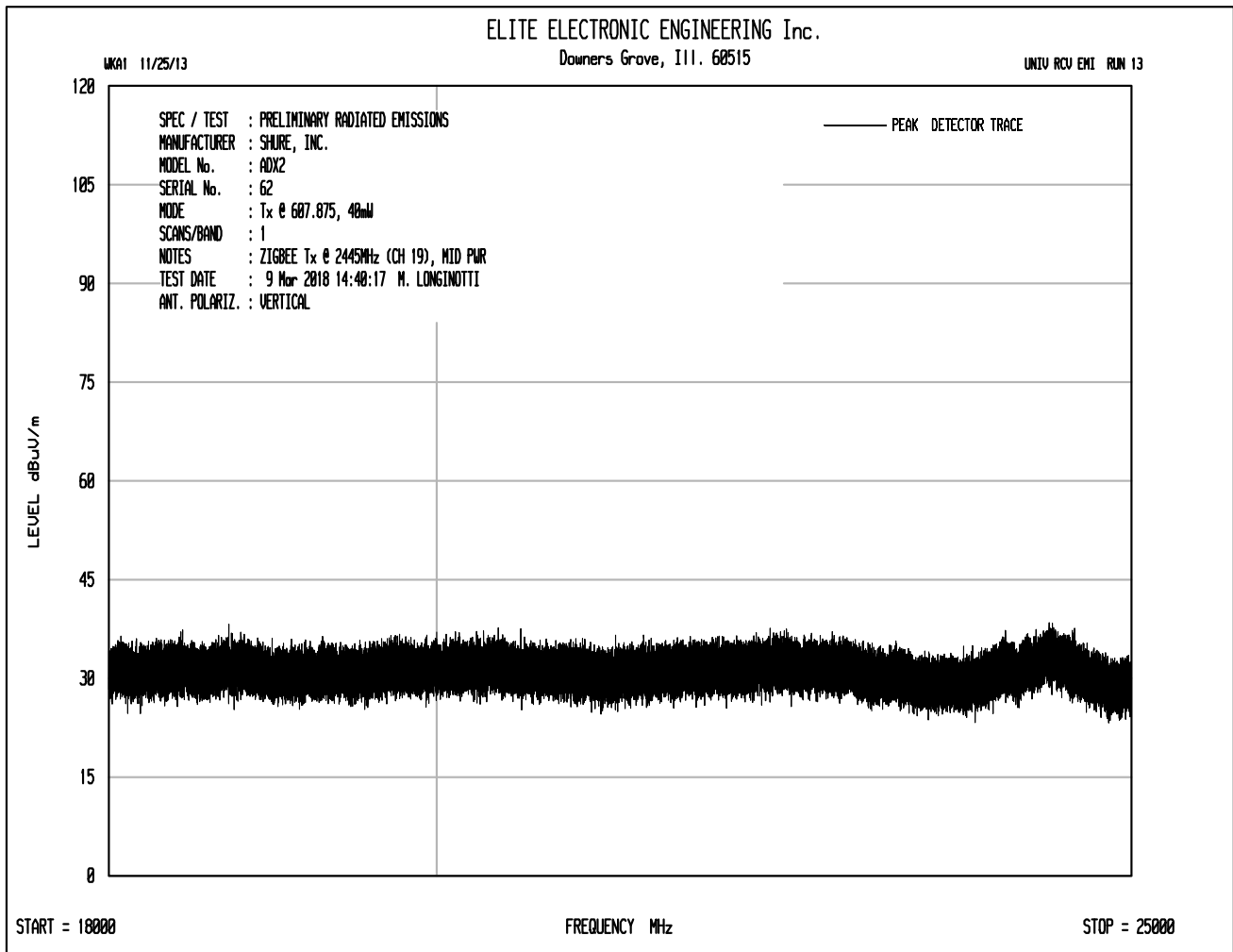
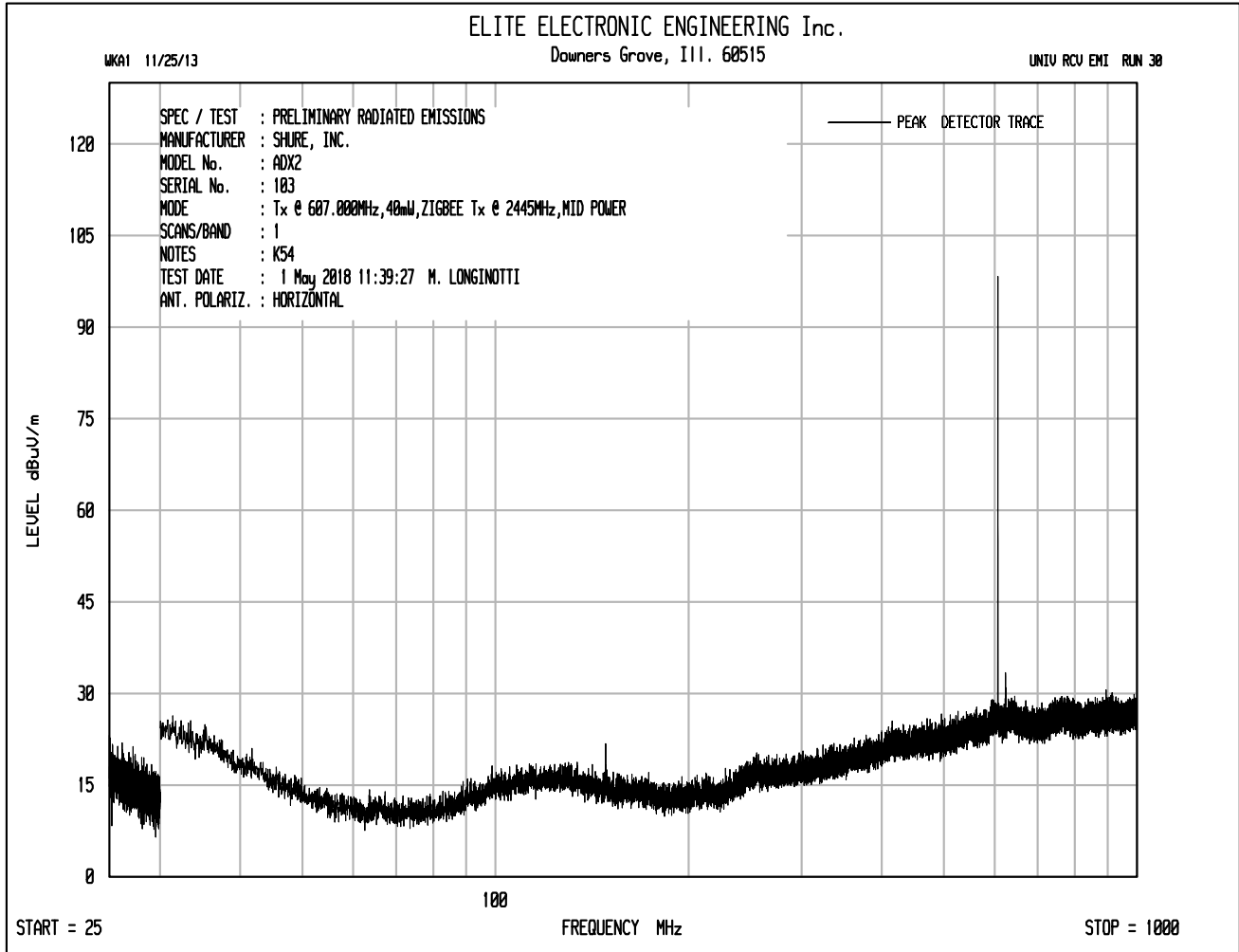
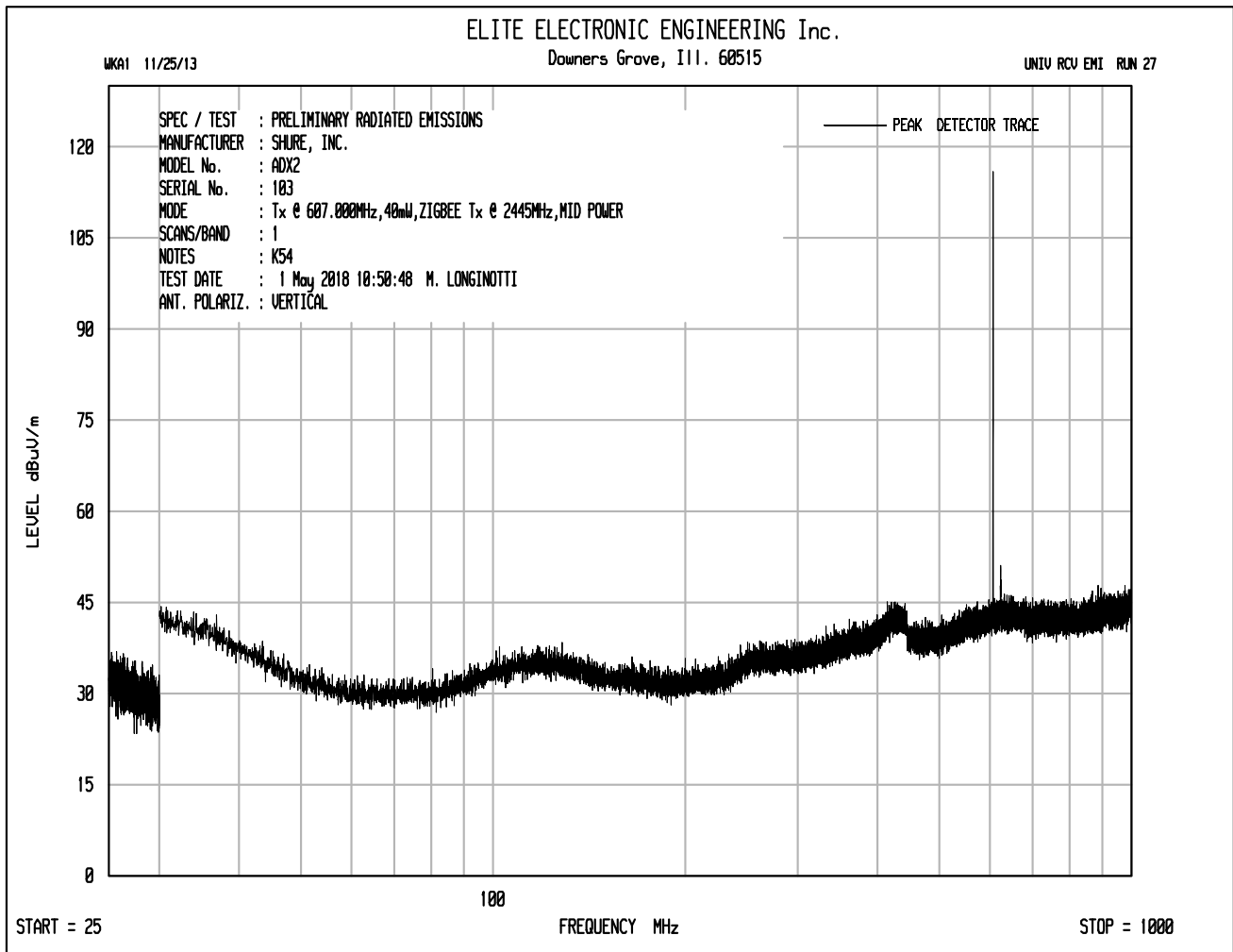






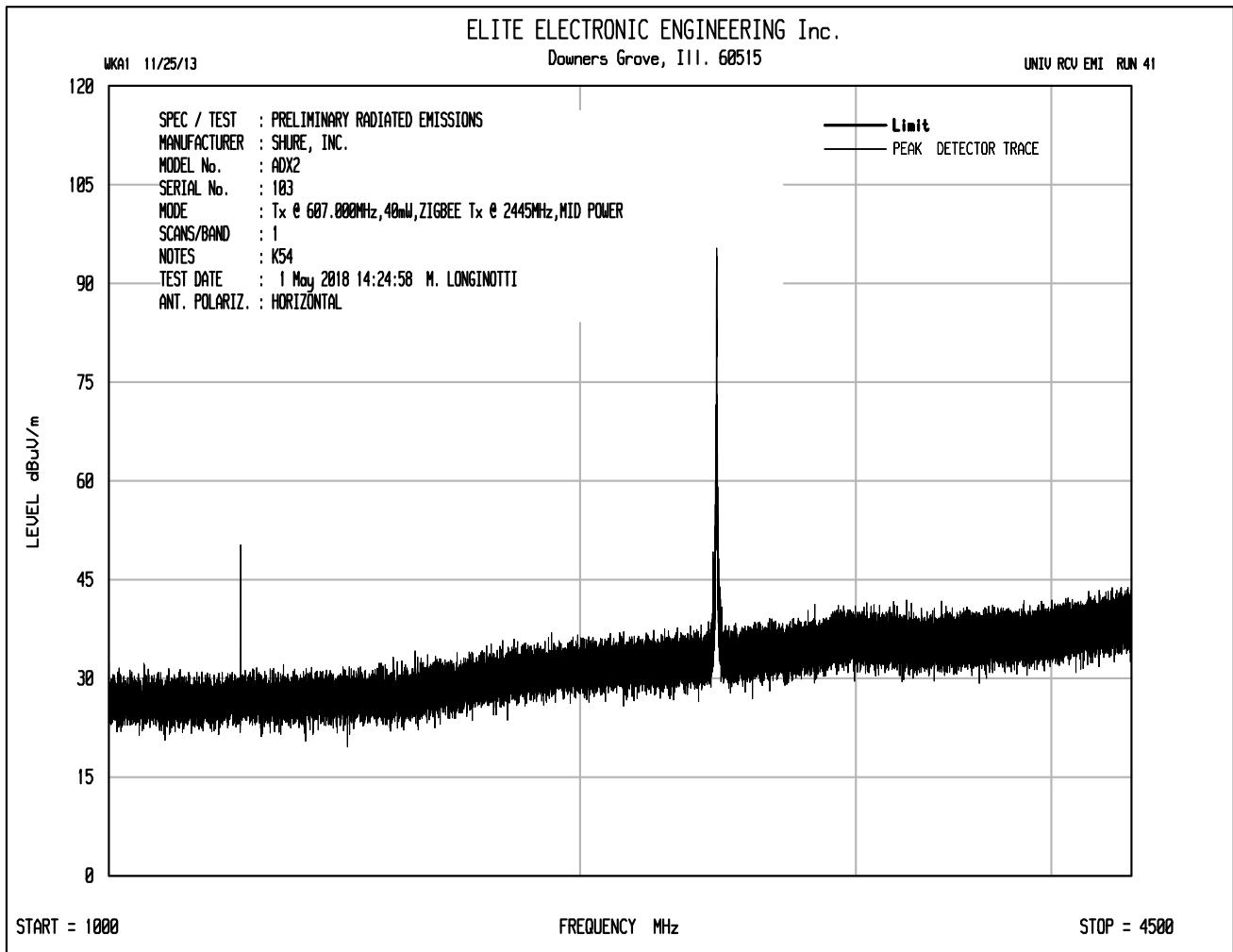
Plot shows emissions at 607.000MHz from UHF transmitter.

Plot shows emissions at 624MHz (Intermodulation product of 2445MHz – 3 x 606MHz)

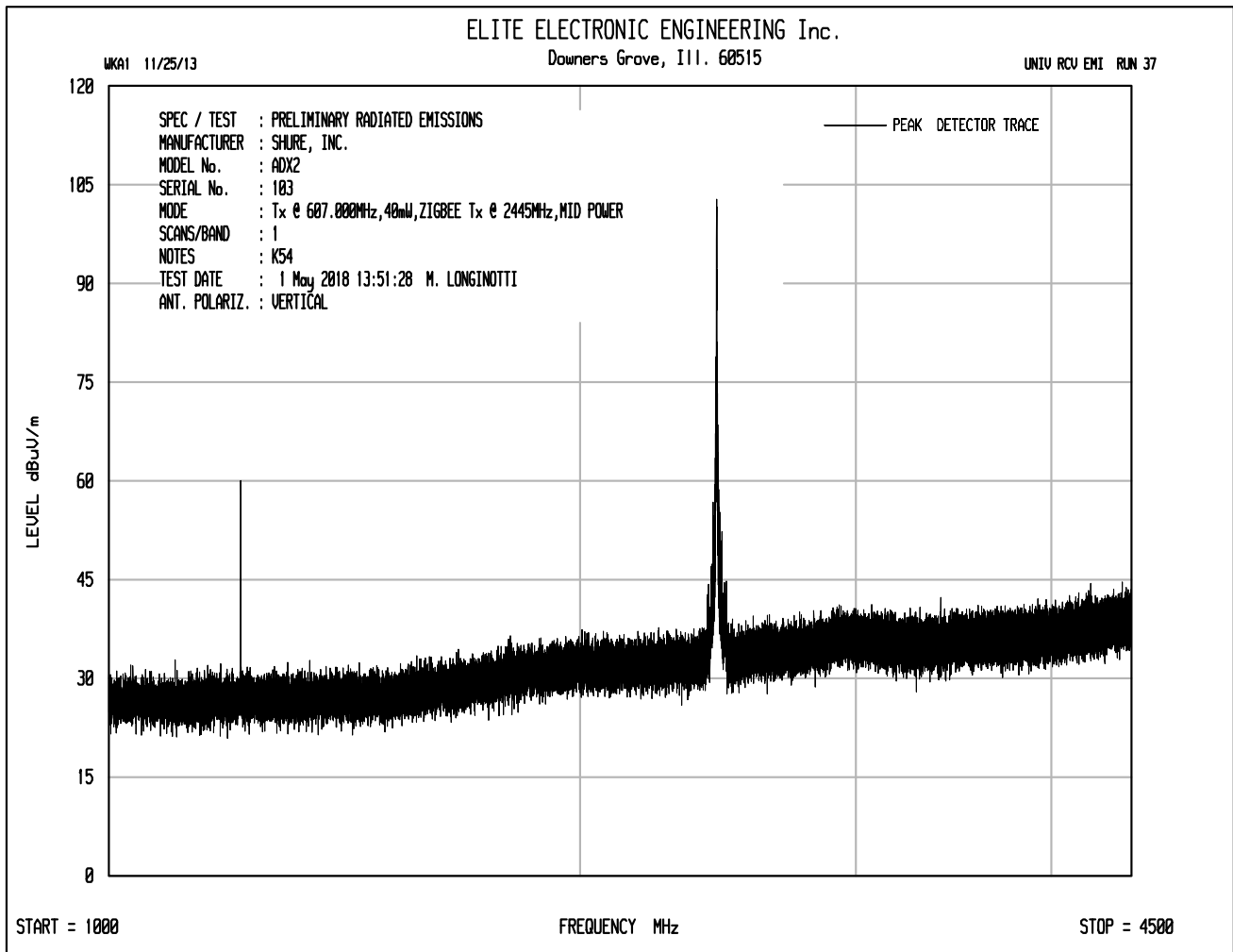


Plot shows emissions at 607.000MHz from UHF transmitter.

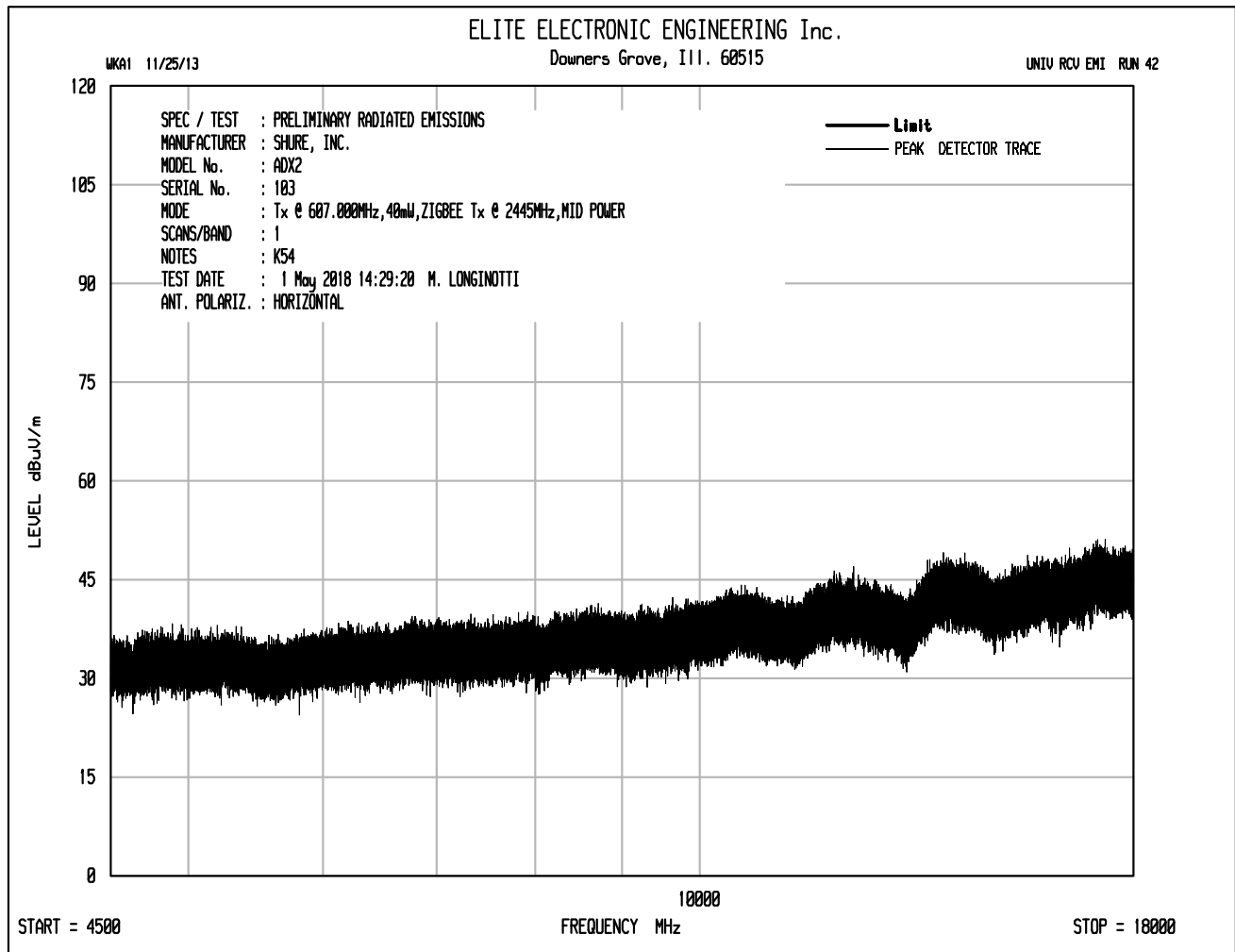
Plot shows emissions at 624MHz (Intermodulation product of 2445MHz – 3 x 606MHz)

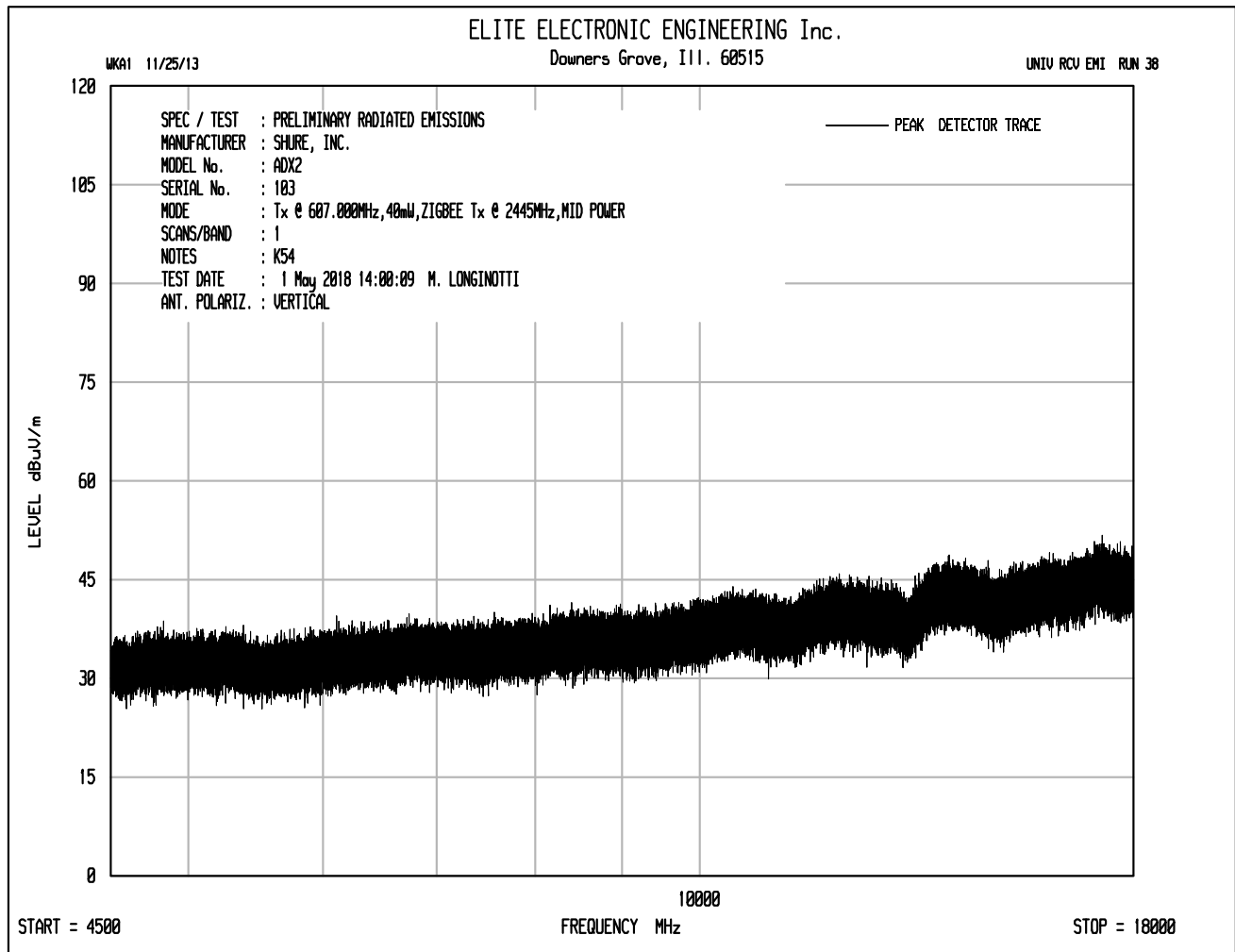


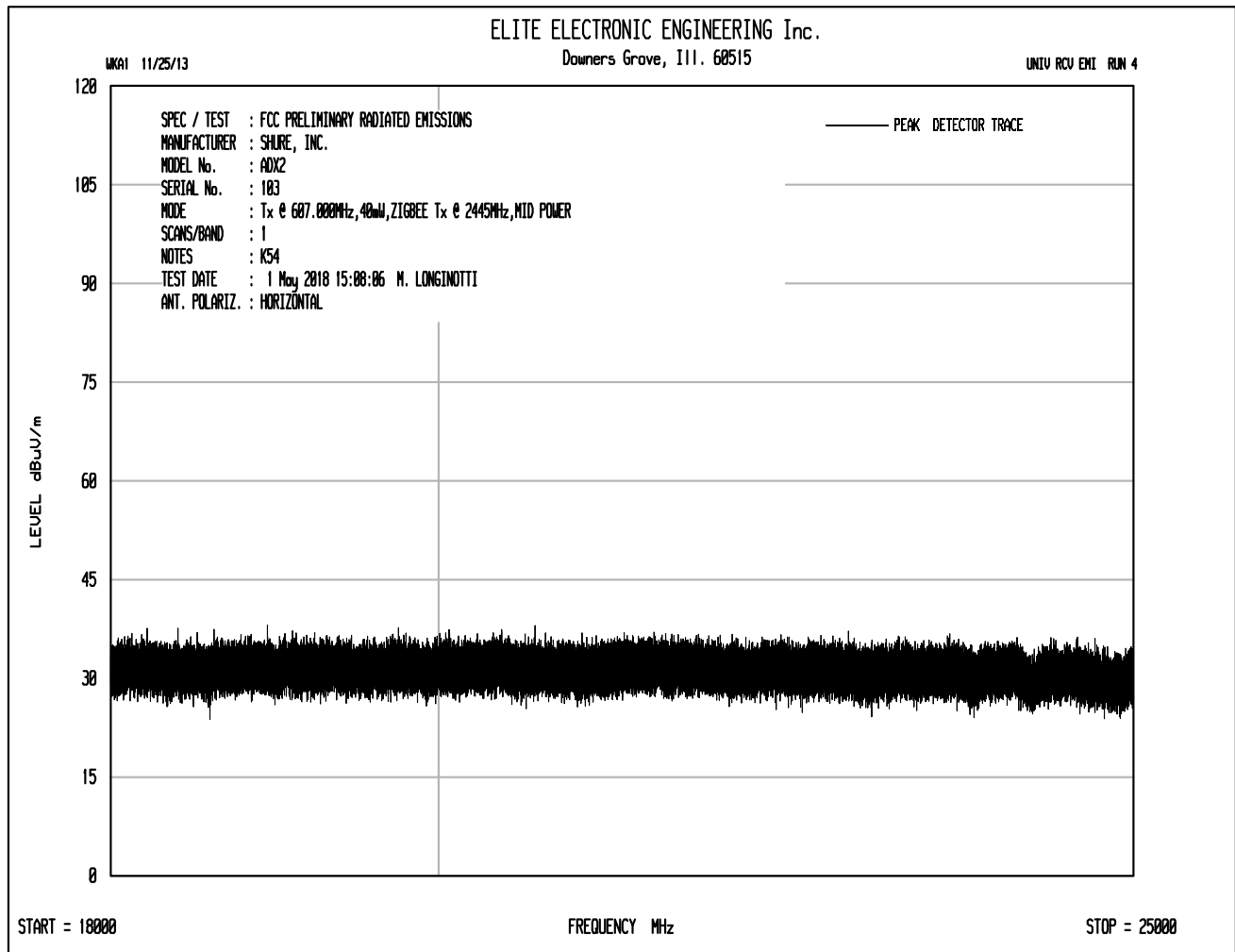
Plot shows emissions at 1214MHz (2nd harmonic of UHF transmitter of 607MHz).
Plot shows emissions at 2445MHz from Zigbee transmitter.

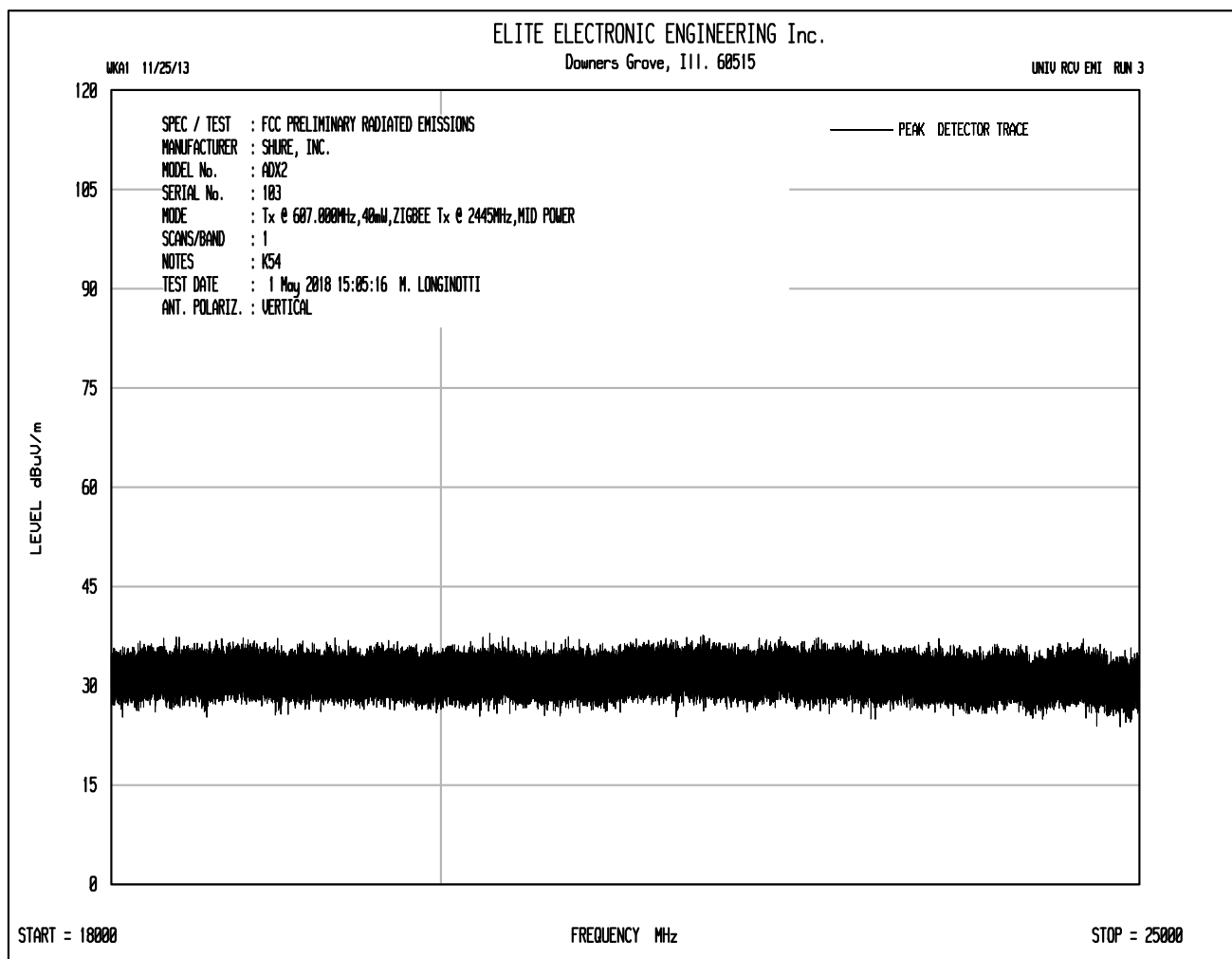


Plot shows emissions at 1214MHz (2nd harmonic of UHF transmitter of 607MHz).
Plot shows emissions at 2445MHz from Zigbee transmitter.









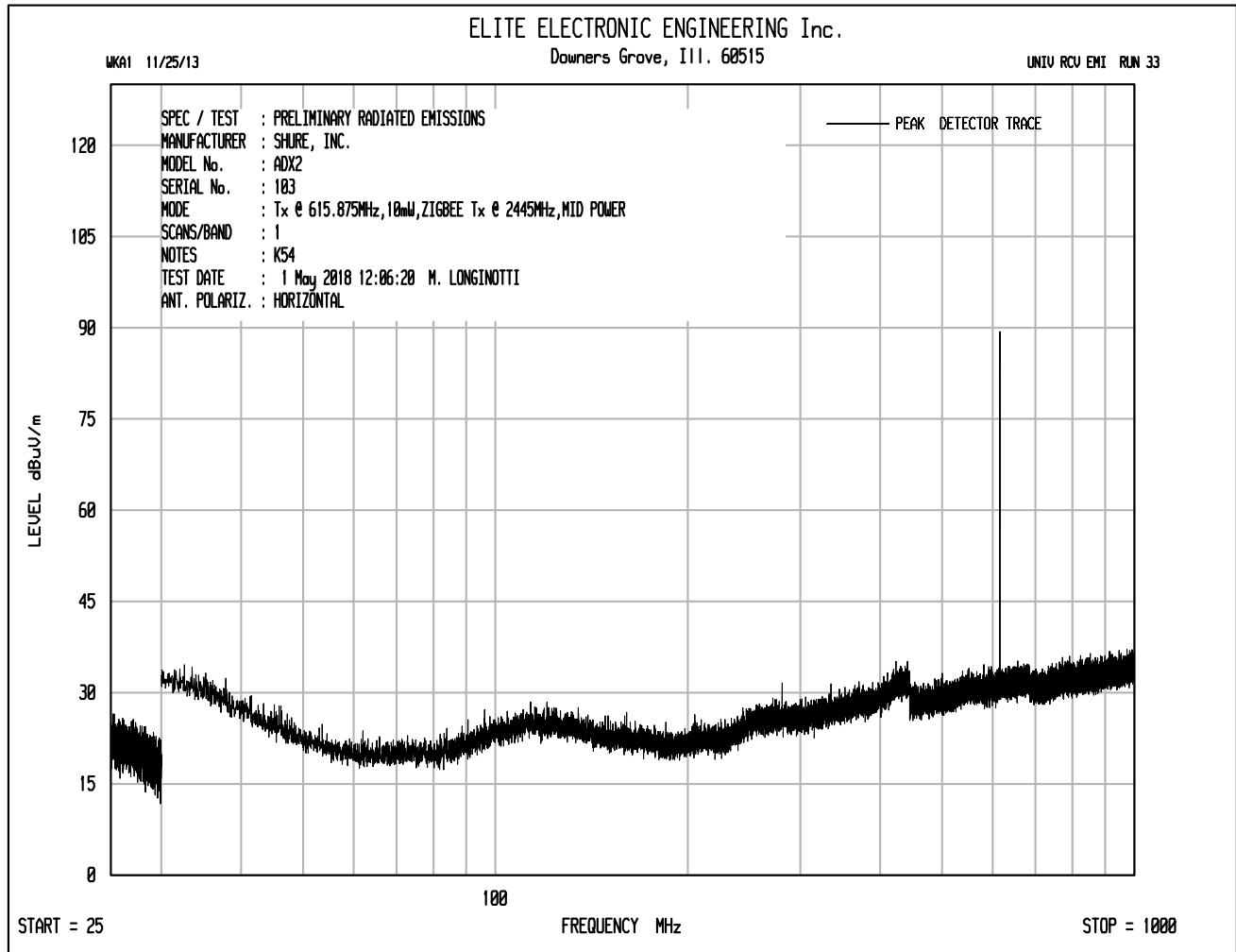


MANUFACTURER : Shure Incorporated
MODEL NO. : ADX2
SERIAL NO. : 103
SPECIFICATION : FCC 74.861(e)(7) Intermodulation Spurious Radiated Emissions
DATE : May 1, 2018
MODE : UHF Tx @ 607.000MHz, 40mW, Zigbee Transmit at 2440MHz,
mid power
UNIT : K54
EQUIPMENT USED : NTA2, RBG2, GRE2, GSE0, NWQ0, NWQ2
NOTES : Average Detector

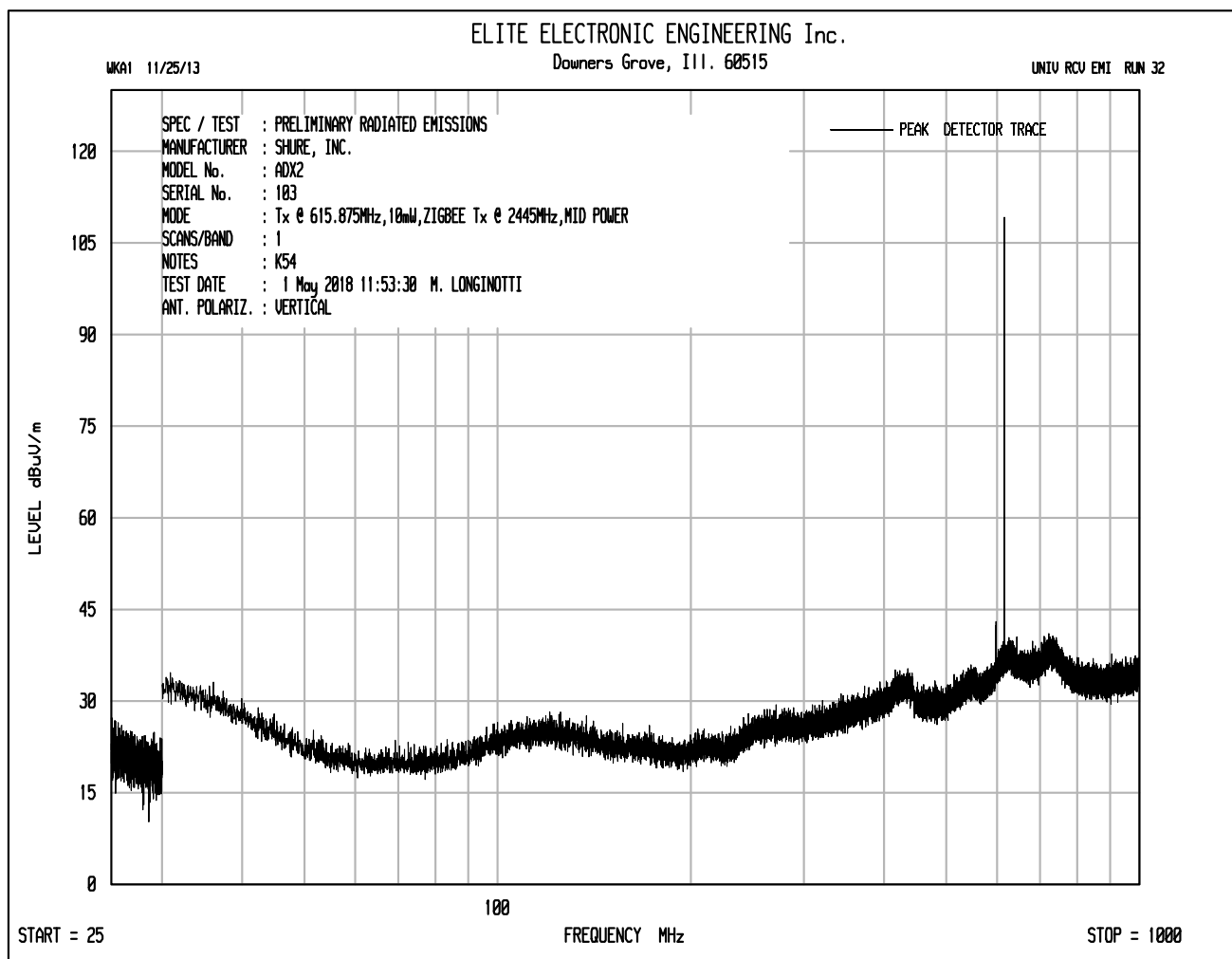
Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm)	Limit dBm	Margin dB
624.00	H	0.2		-73.8	0.0	1.7	-75.5	-54.0	-21.5
624.00	V	15.8		-59.1	0.0	1.7	-60.8	-54.0	-6.8

ERP (dBm) = Matched Sig. (dBm) + Equivalent Antenna Gain (dB) – Cable Loss (dB)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti

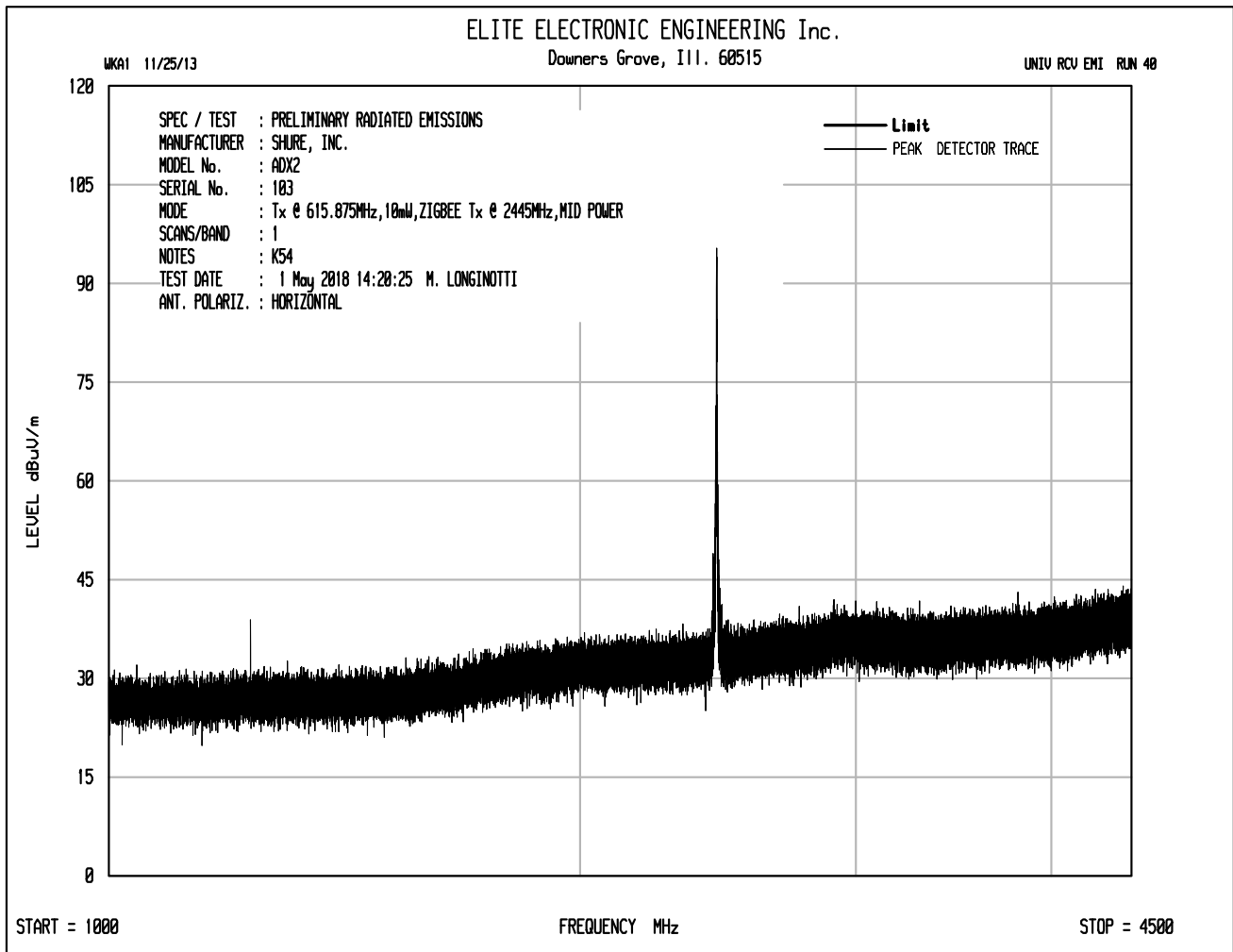


Plot shows emissions at 615.875MHz from UHF transmitter.



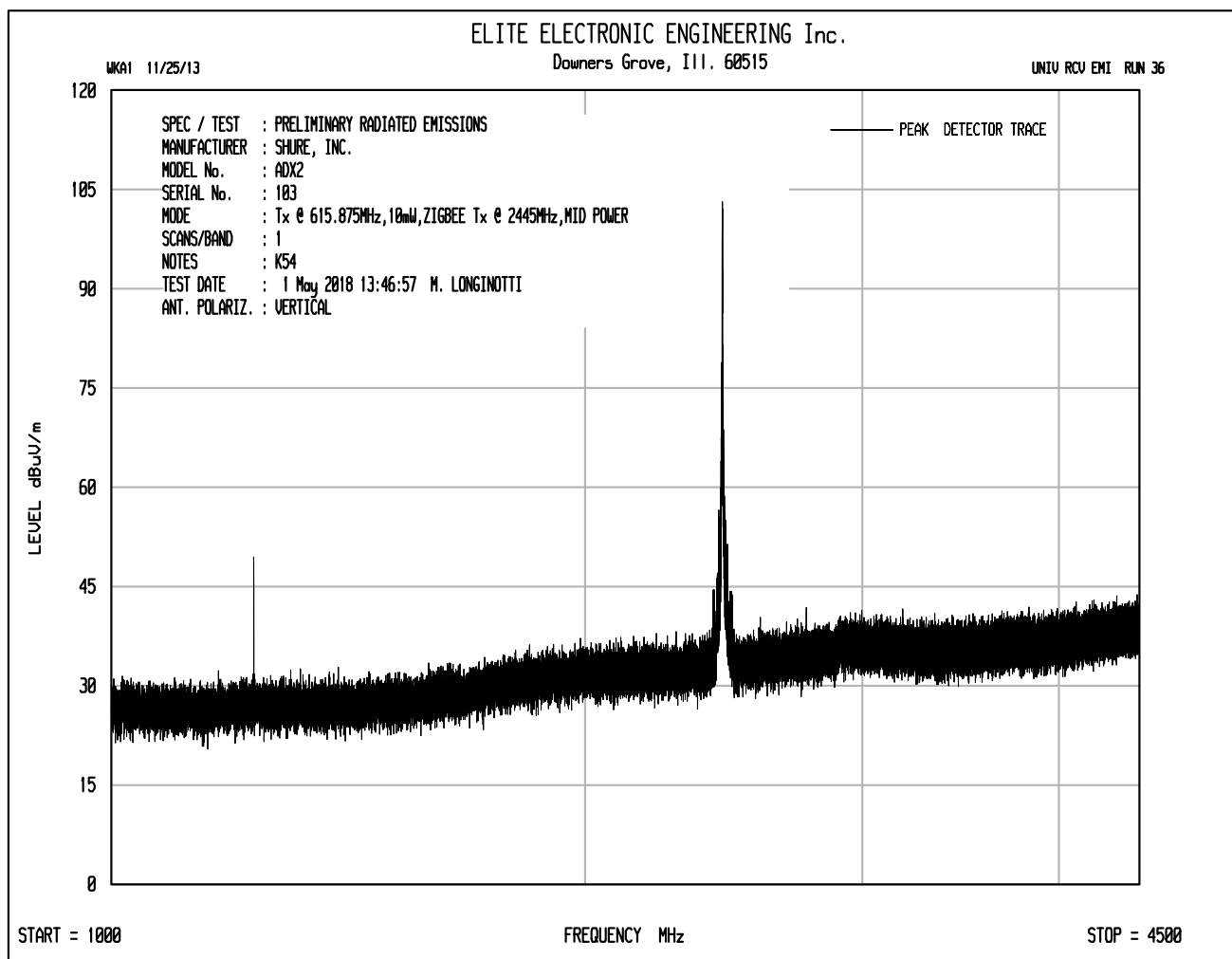
Plot shows emissions at 615.875MHz from UHF transmitter.

Plot shows emissions at 597.375MHz (Intermodulation product of 2445MHz – 3 x 615.875MHz)

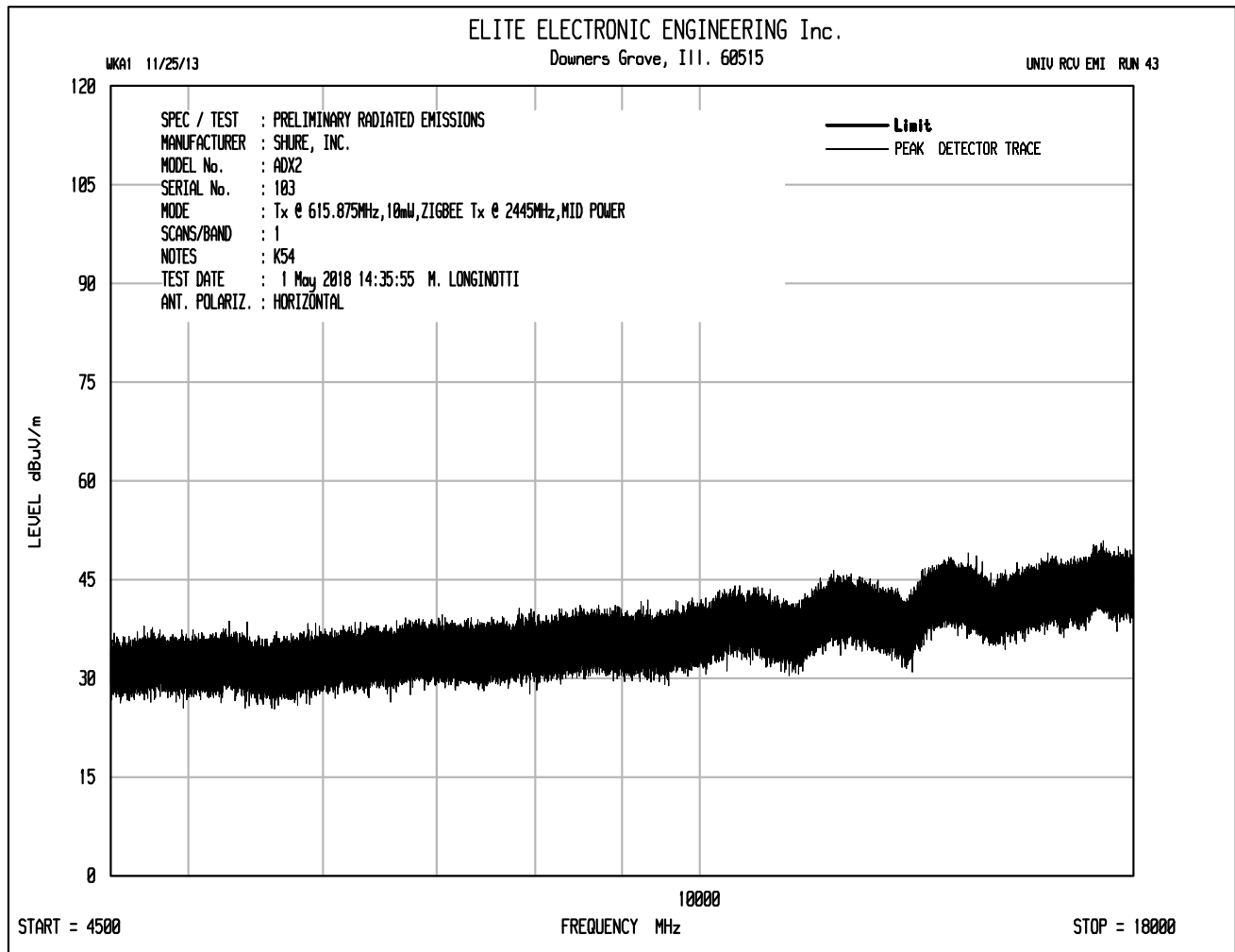


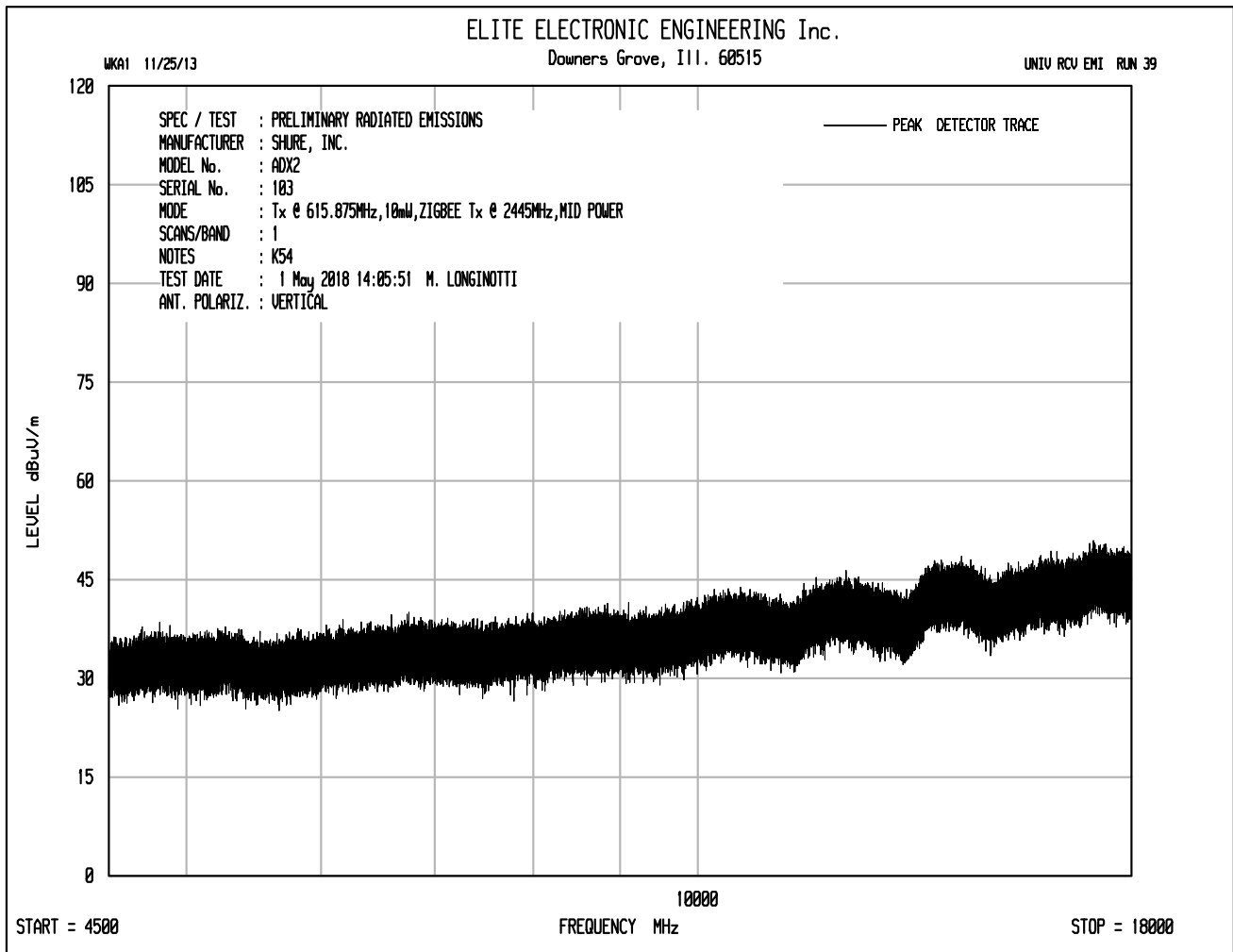
Plot shows emissions at 1231.75MHz (2nd harmonic of UHF transmitter of 615.875MHz).

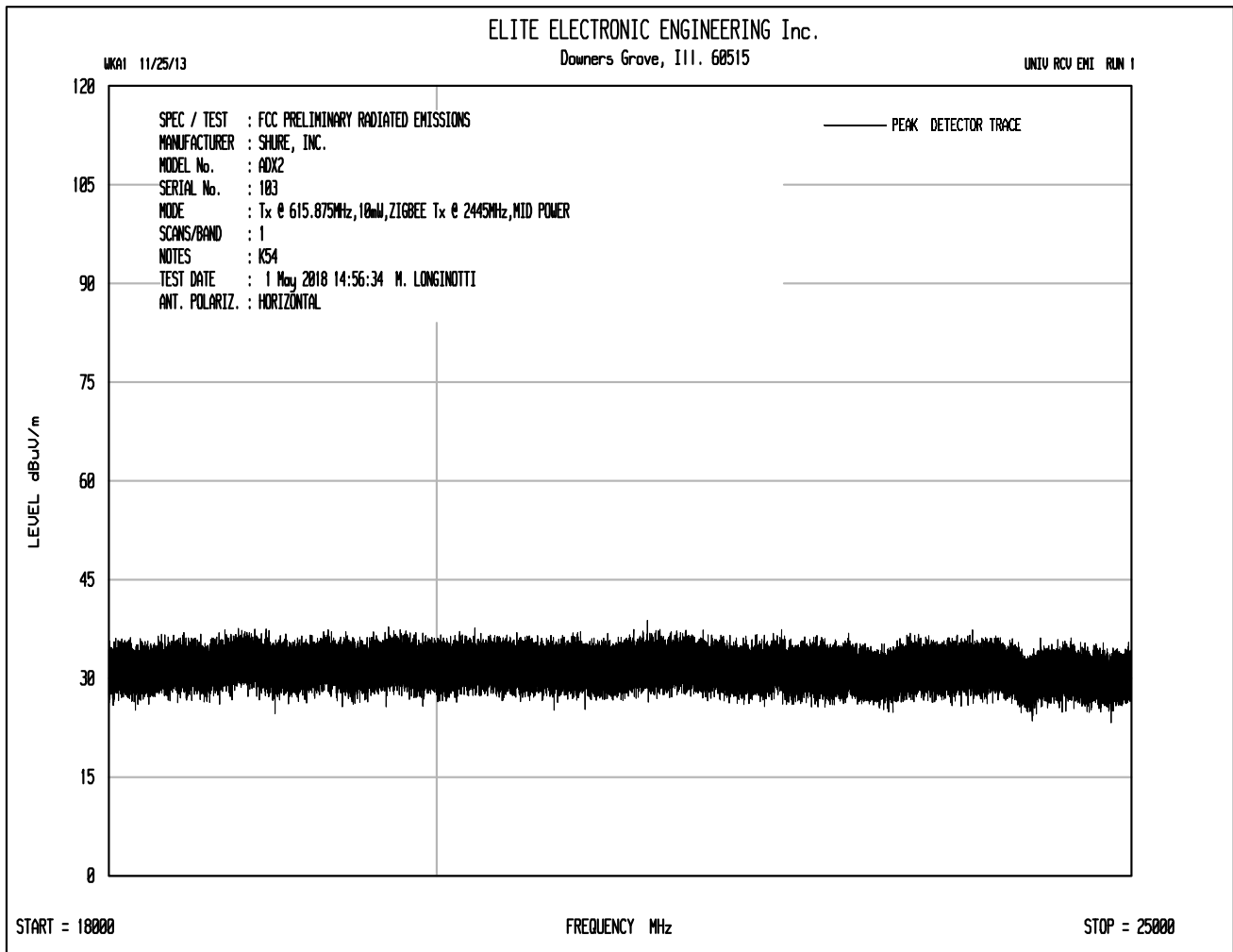
Plot shows emissions at 2445MHz from Zigbee transmitter.

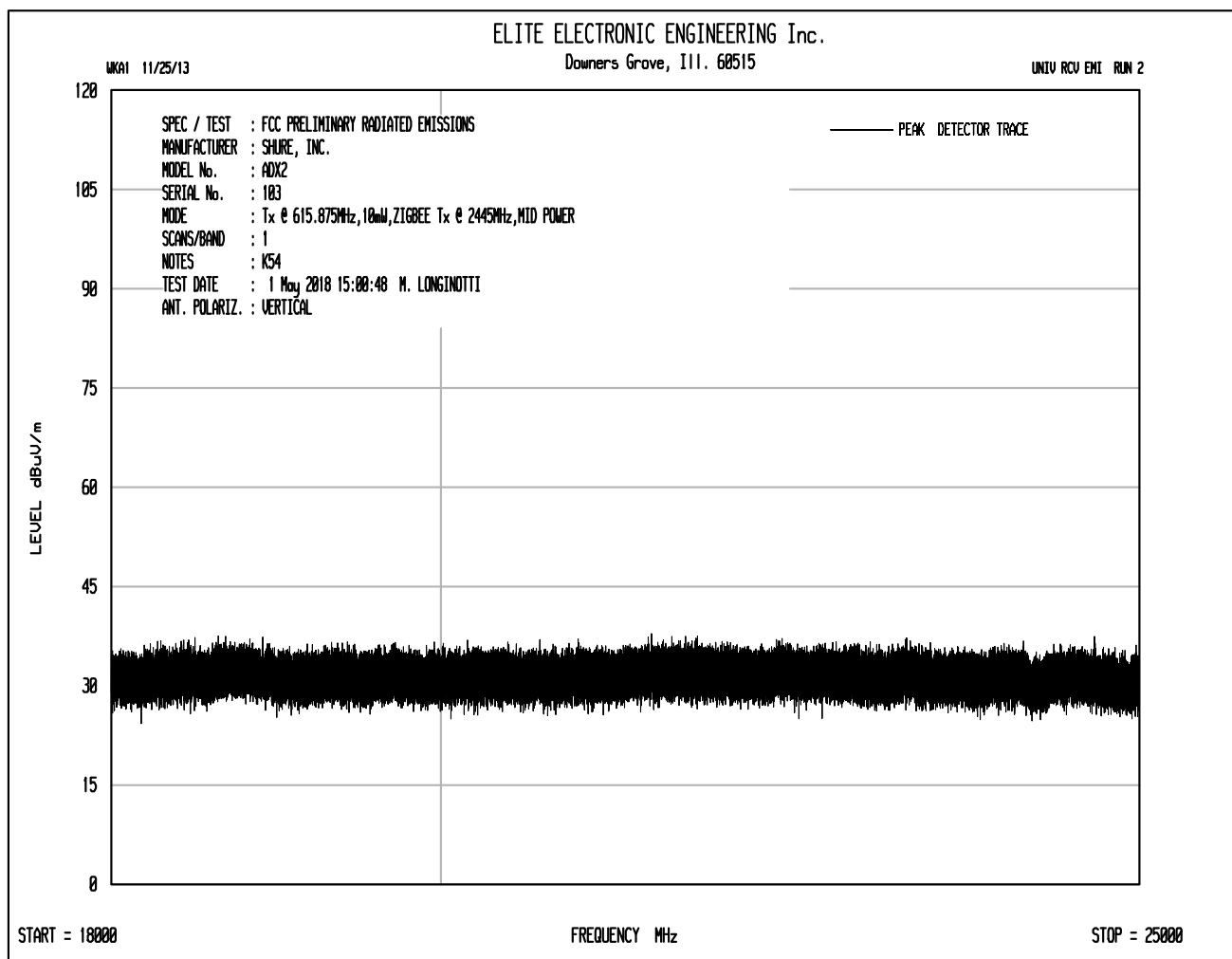


Plot shows emissions at 1231.75MHz (2nd harmonic of UHF transmitter of 615.875MHz).
 Plot shows emissions at 2445MHz from Zigbee transmitter.









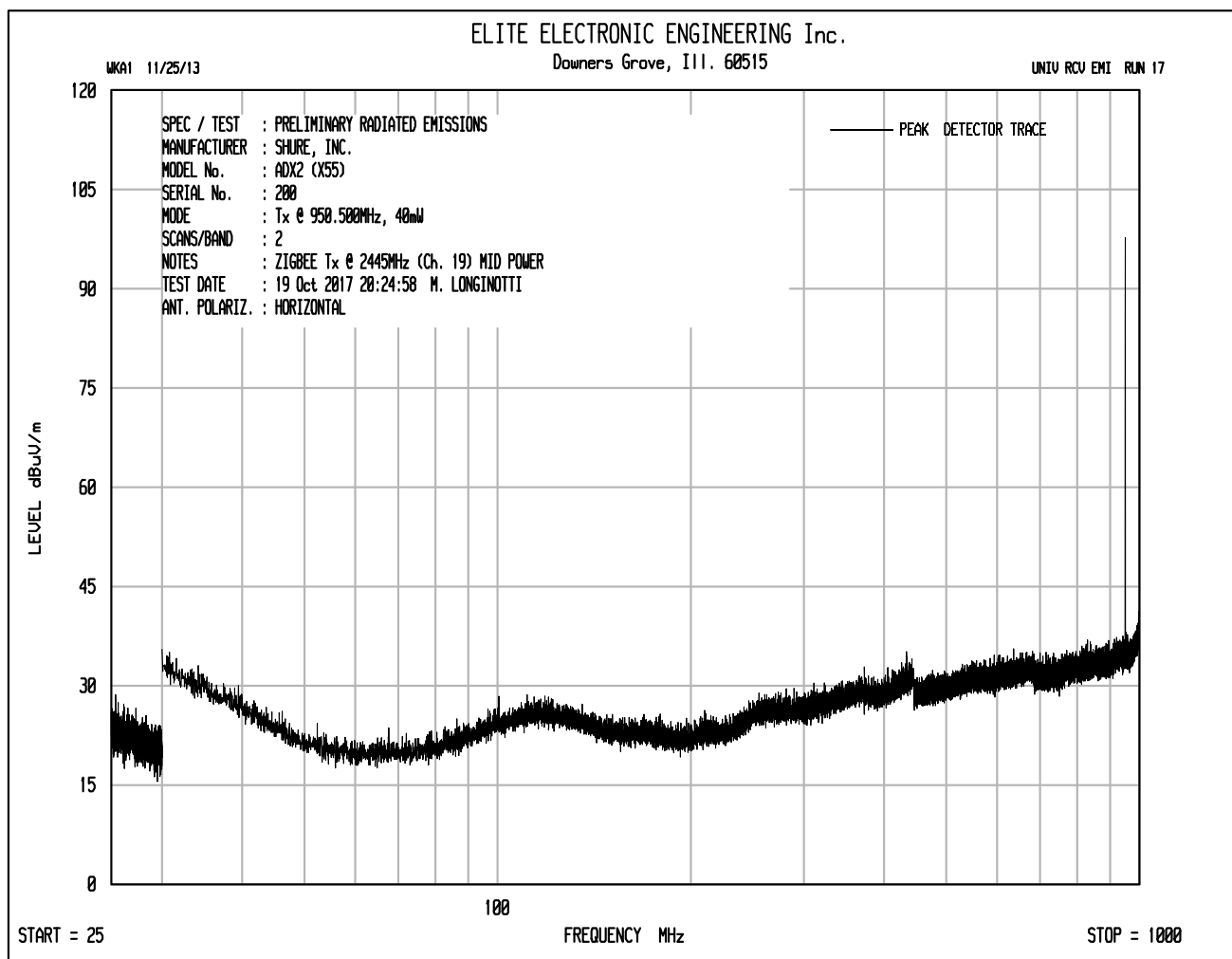


MANUFACTURER : Shure Incorporated
MODEL NO. : ADX2
SERIAL NO. : 103
SPECIFICATION : FCC 15.236(g) Intermodulation Spurious Radiated Emissions
DATE : May 1, 2018
MODE : UHF Tx @ 615.875MHz, 10mW, Zigbee Transmit at 2440MHz,
mid power
UNIT : K54
EQUIPMENT USED : NTA2, RBG2, GRE2, GSE0, NWQ0, NWQ2
NOTES : Quasi-peak detector

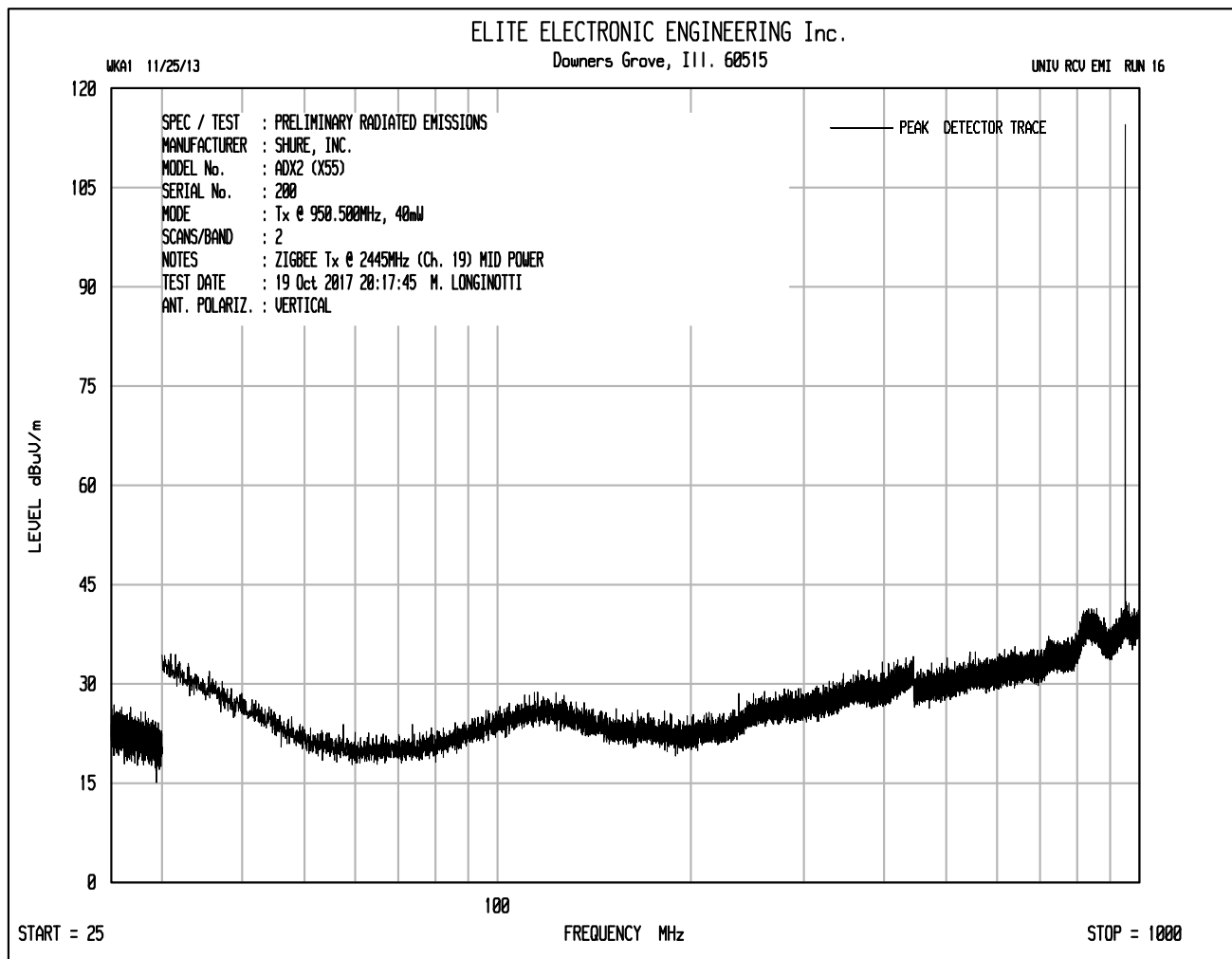
Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm)	Limit dBm	Margin dB
597.38	H	-1.7		-85.6	0.0	1.7	-87.3	-54.0	-33.3
597.38	V	14.2		-59.8	0.0	1.7	-61.5	-54.0	-7.5

ERP (dBm) = Matched Sig. (dBm) + Equivalent Antenna Gain (dB) – Cable Loss (dB)

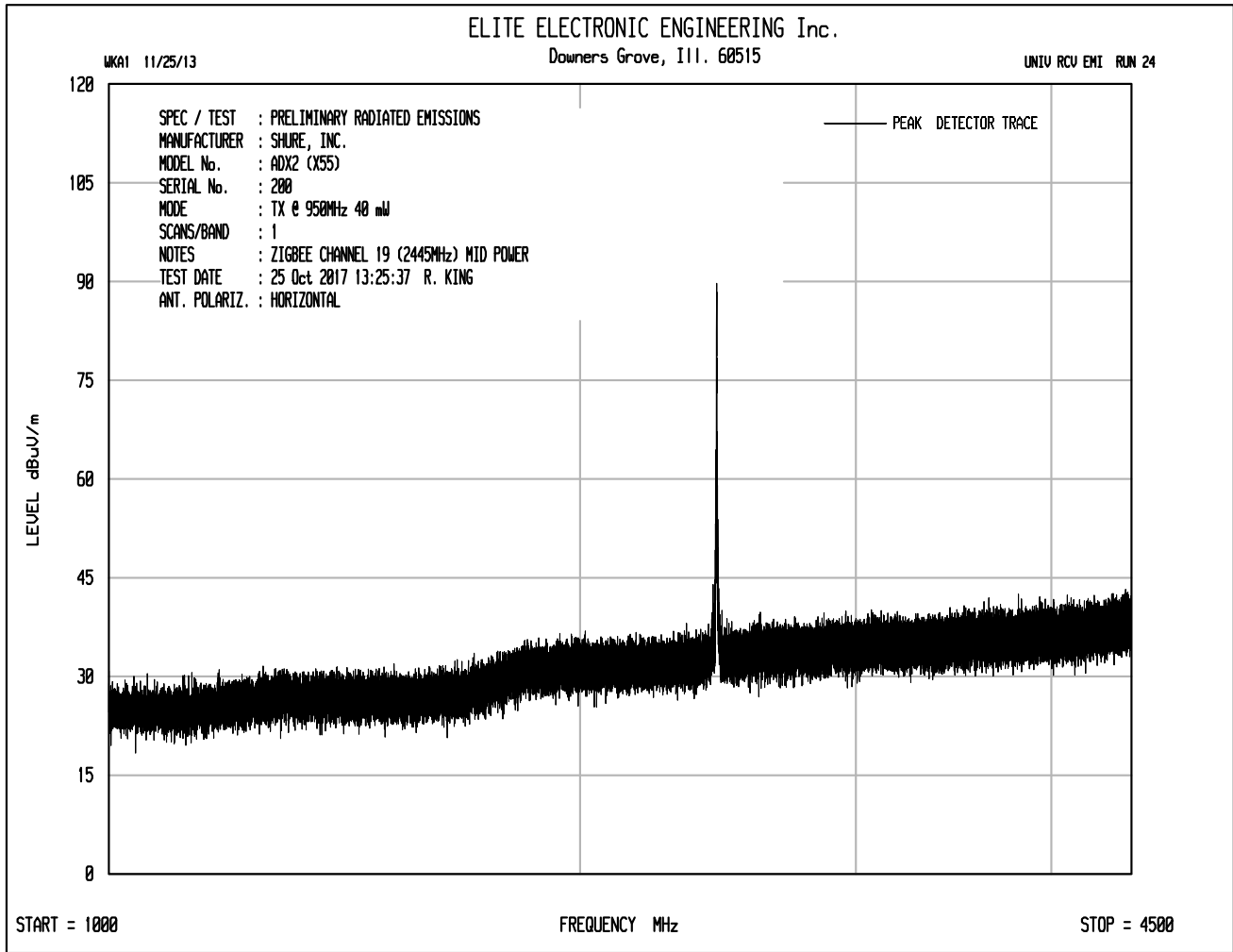
Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



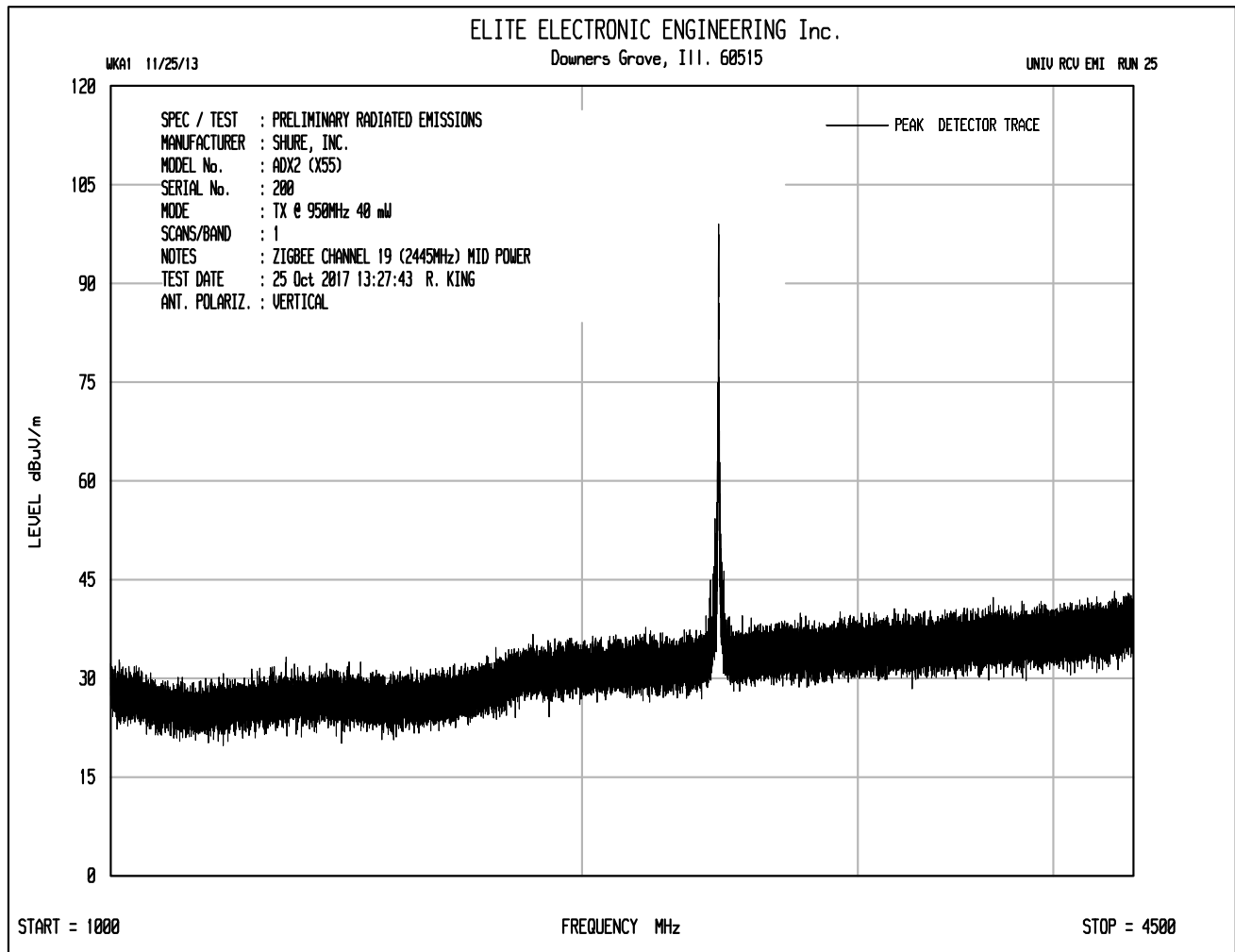
Plot shows emissions at 950.000MHz from UHF transmitter.



Plot shows emissions at 950.000MHz from UHF transmitter.



Plot shows emissions at 2445MHz from Zigbee transmitter.



Plot shows emissions at 2445MHz from Zigbee transmitter.

