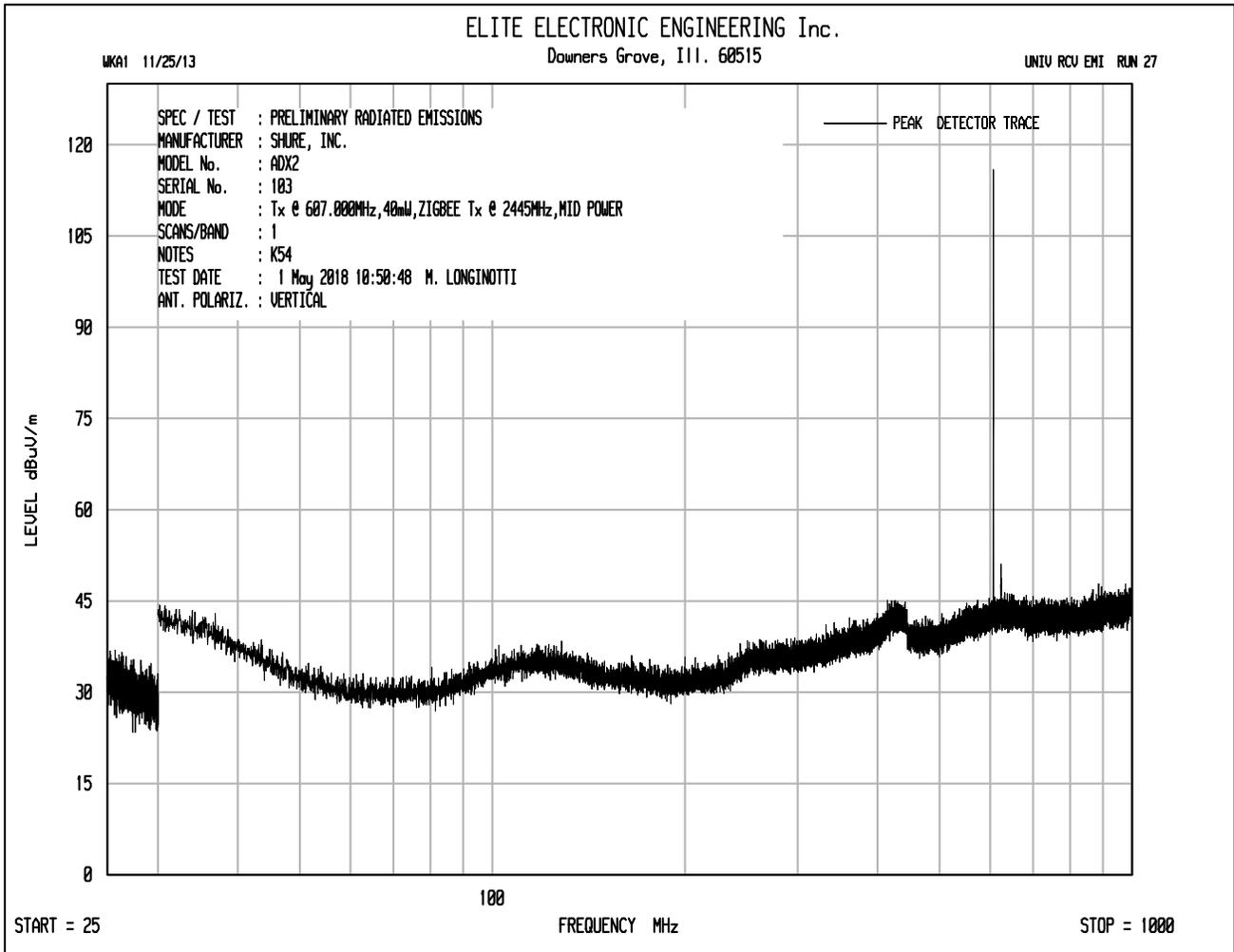


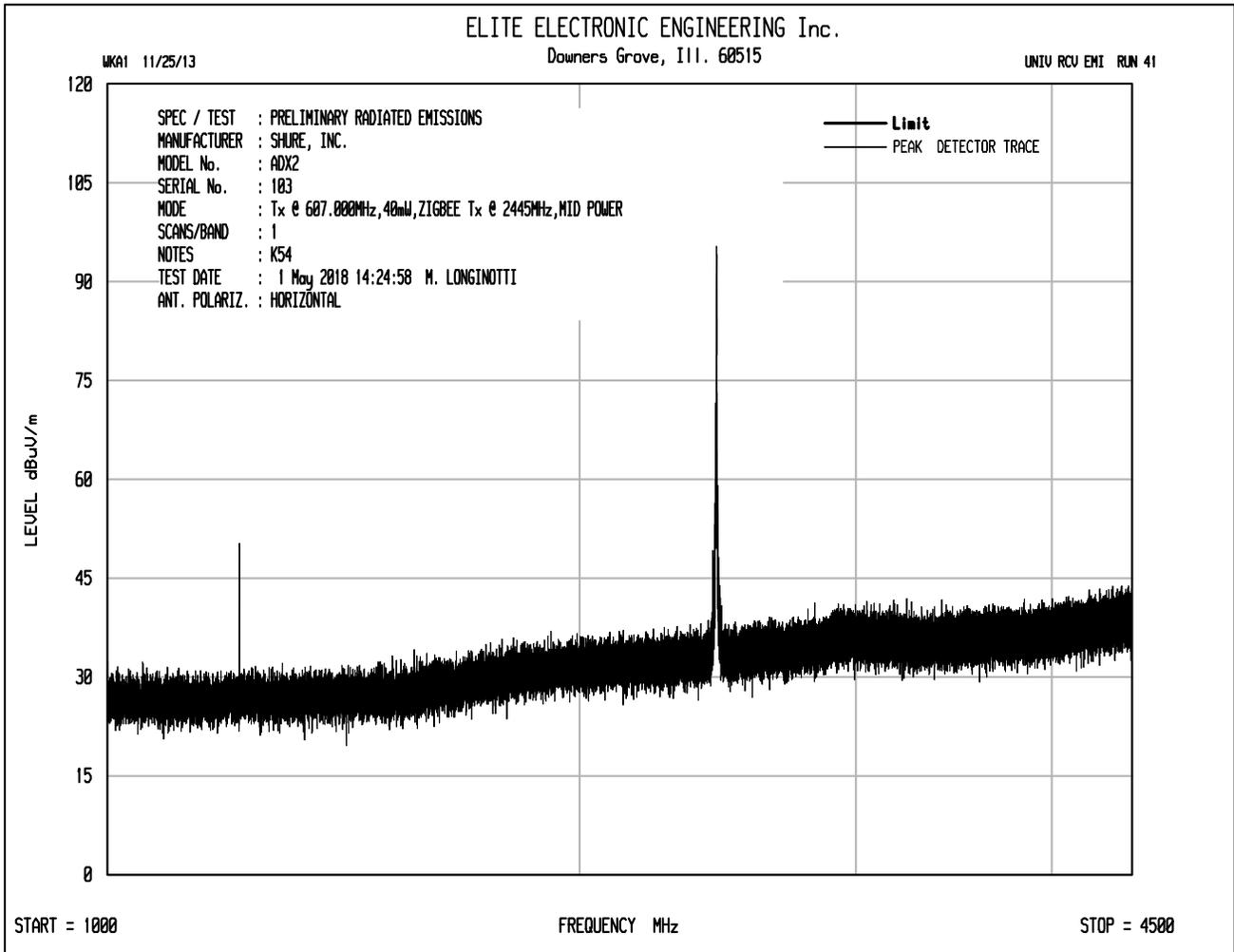
Plot shows emissions at 607.000MHz from UHF transmitter.

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

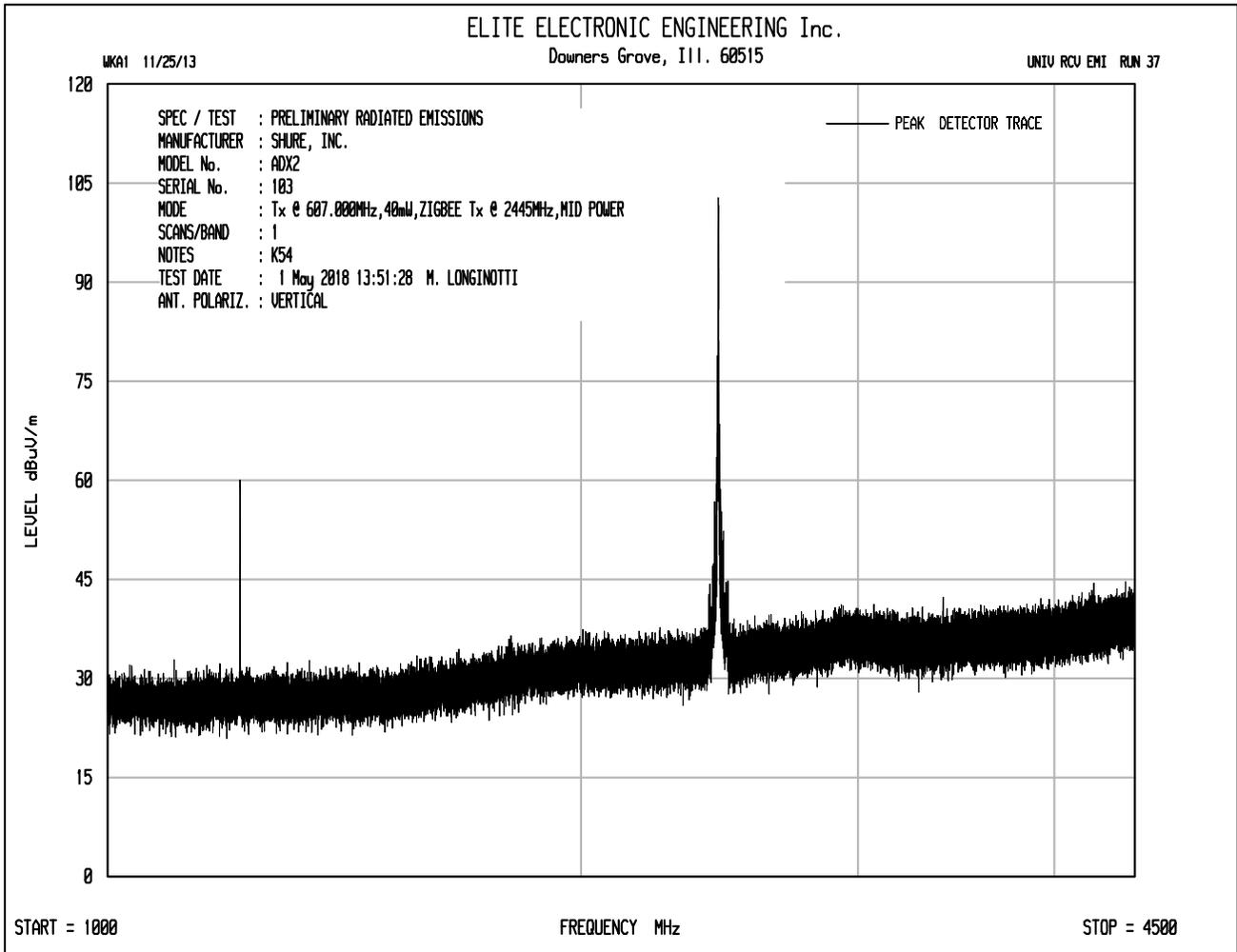


Plot shows emissions at 607.000MHz from UHF transmitter.

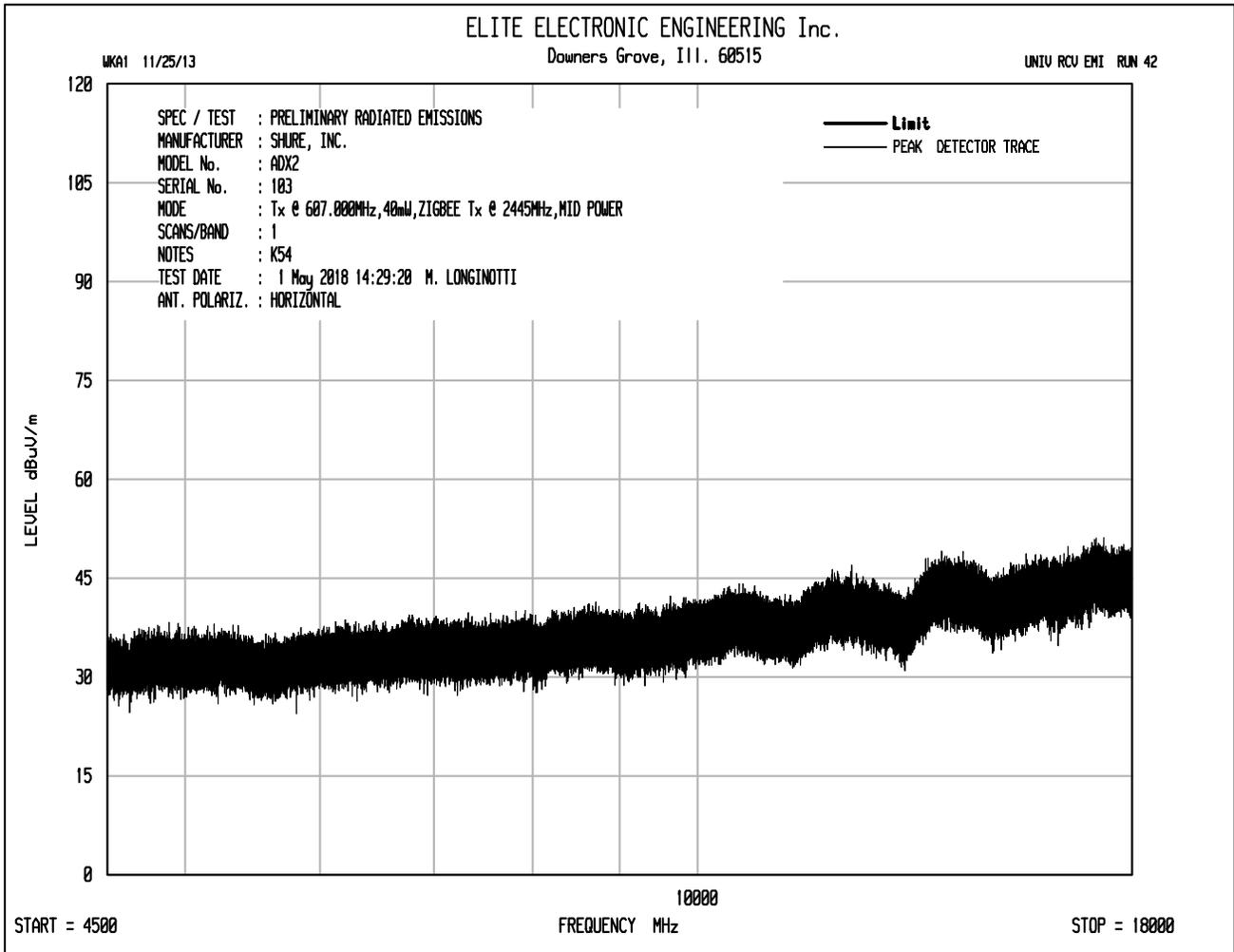
Plot shows emissions at 624MHz (Intermodulation product of 2445MHz – 3 x 606MHz)

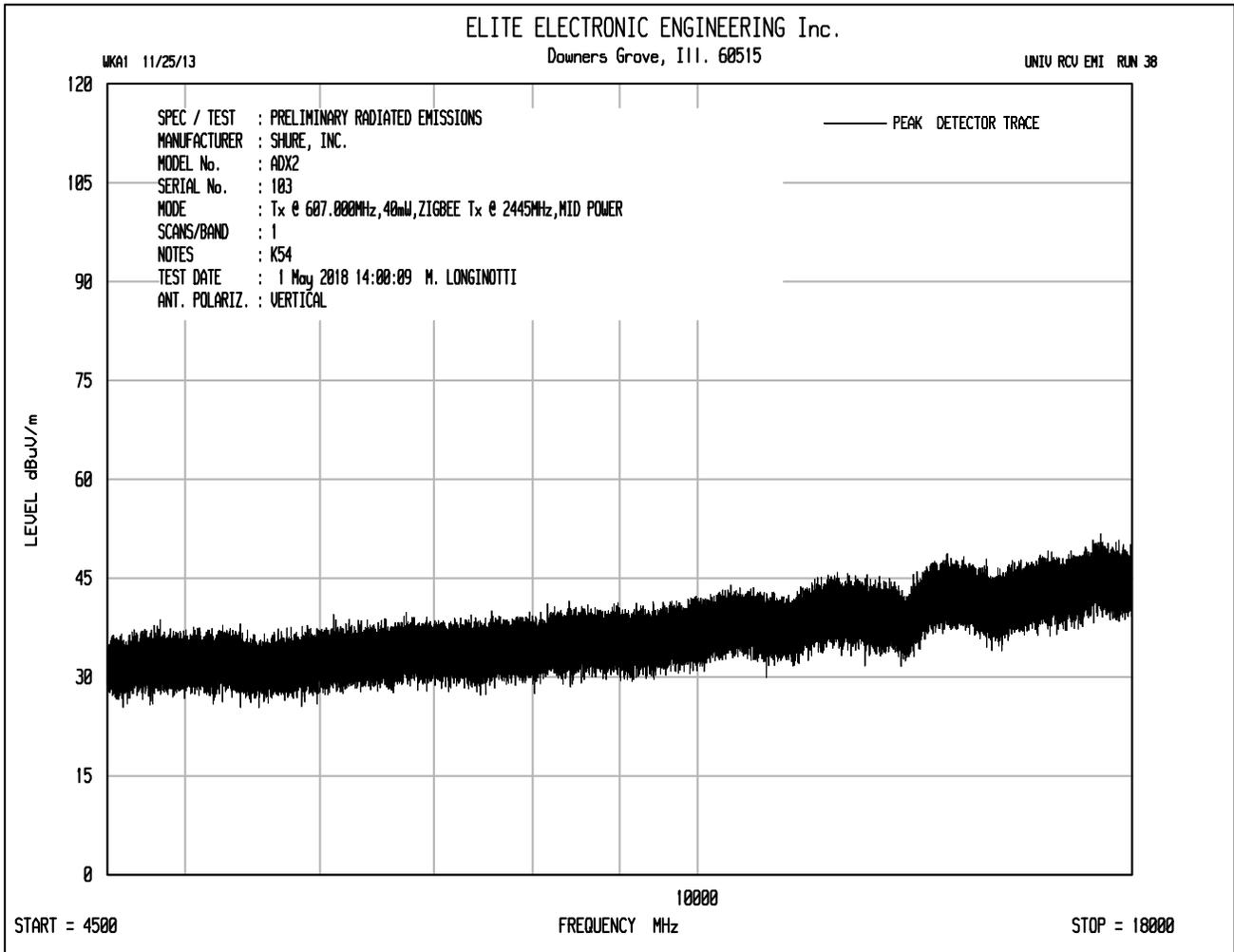


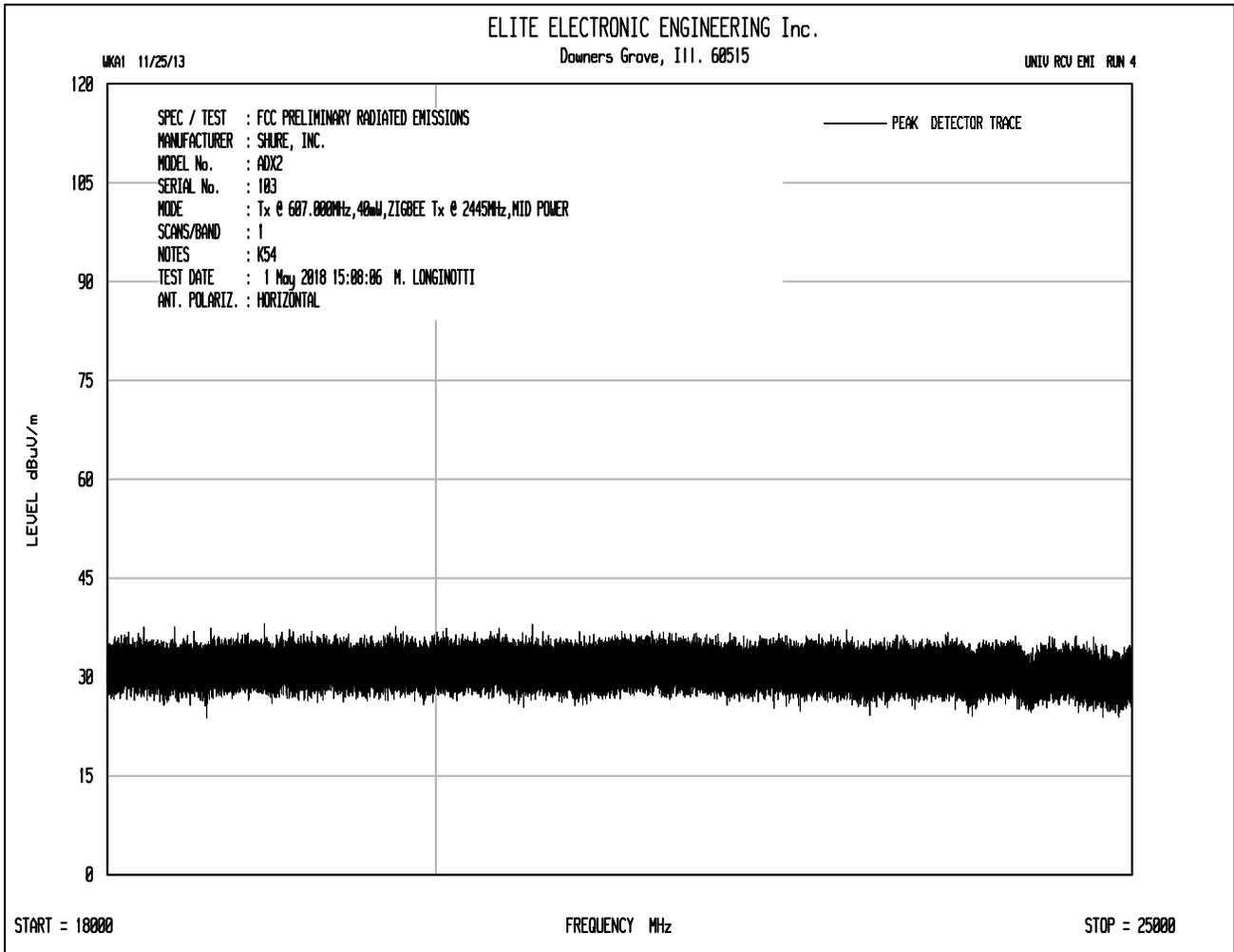
Plot shows emissions at 1214MHz (2<sup>nd</sup> harmonic of UHF transmitter of 607MHz).  
 Plot shows emissions at 2445MHz from Zigbee transmitter.

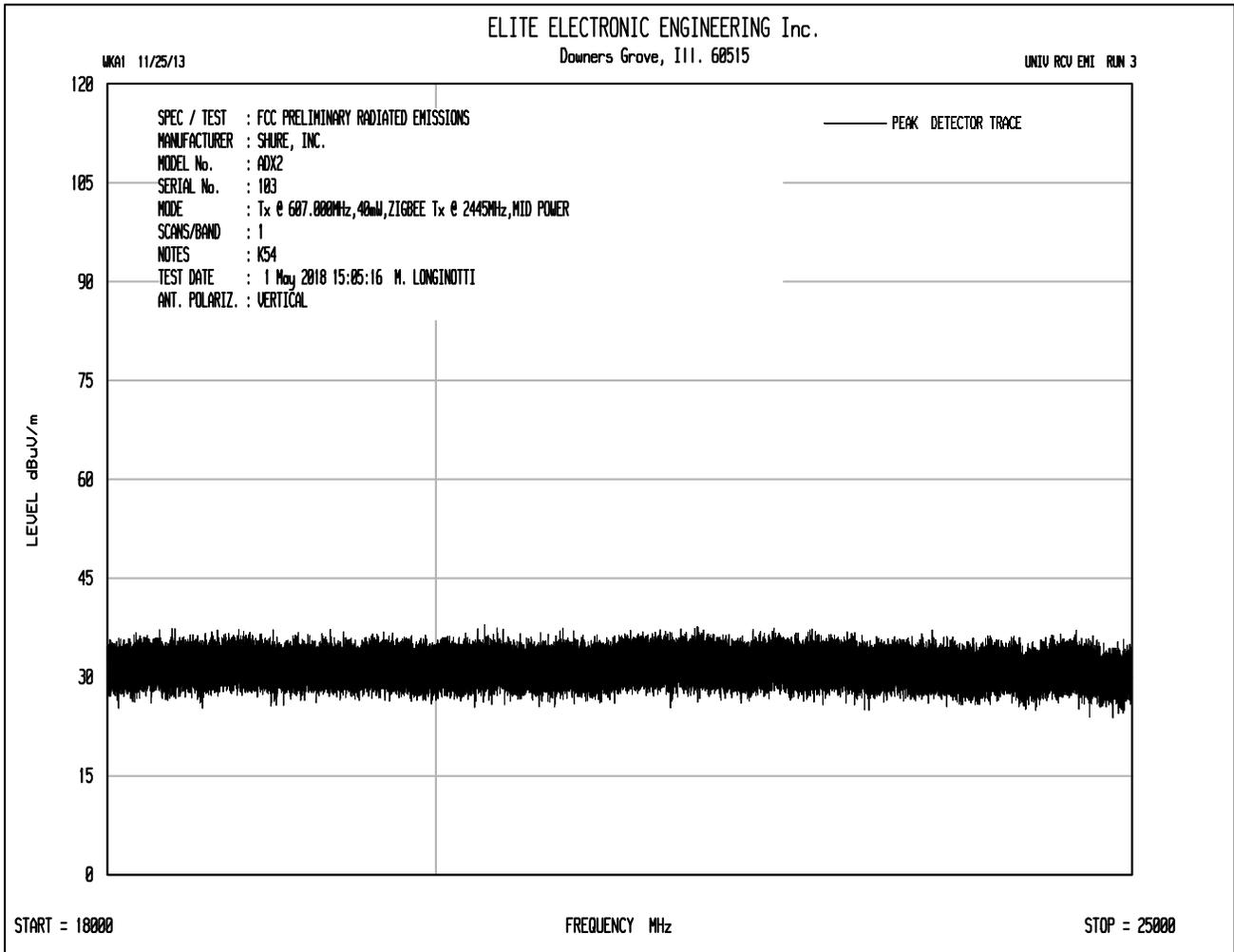


Plot shows emissions at 1214MHz (2<sup>nd</sup> harmonic of UHF transmitter of 607MHz).  
 Plot shows emissions at 2445MHz from Zigbee transmitter.









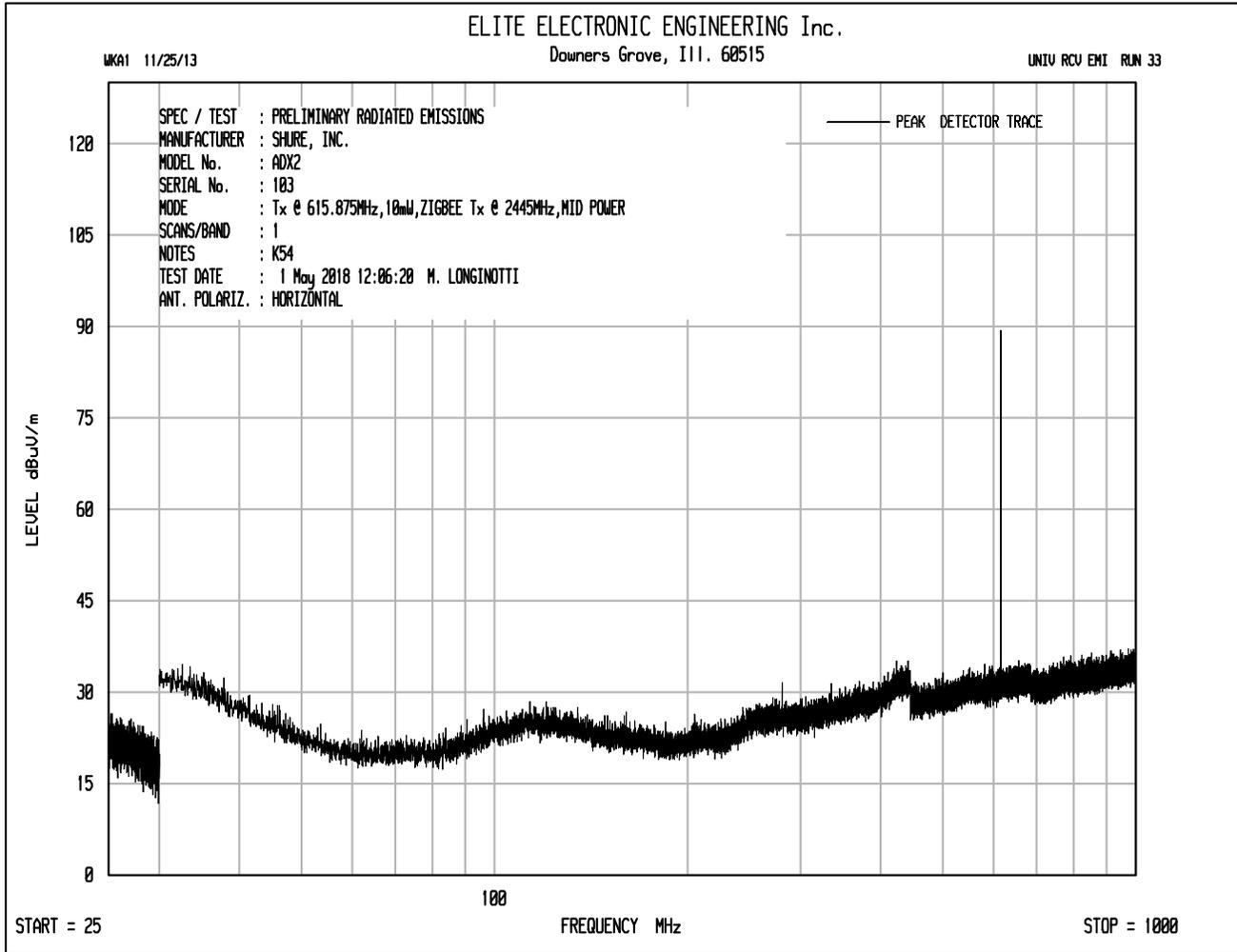


MANUFACTURER : Shure Incorporated  
 MODEL NO. : ADX2  
 SERIAL NO. : 103  
 SPECIFICATION : FCC 74.861(e)(7) Intermodulation Spurious Radiated Emissions  
 DATE : May 1, 2018  
 MODE : UHF Tx @ 607.000MHz, 40mW, Zigbee Transmit at 2440MHz,  
 : mid power  
 UNIT : K54  
 EQUIPMENT USED : NTA2,RBG2,GRE2,GSE0,NWQ0,NWQ2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

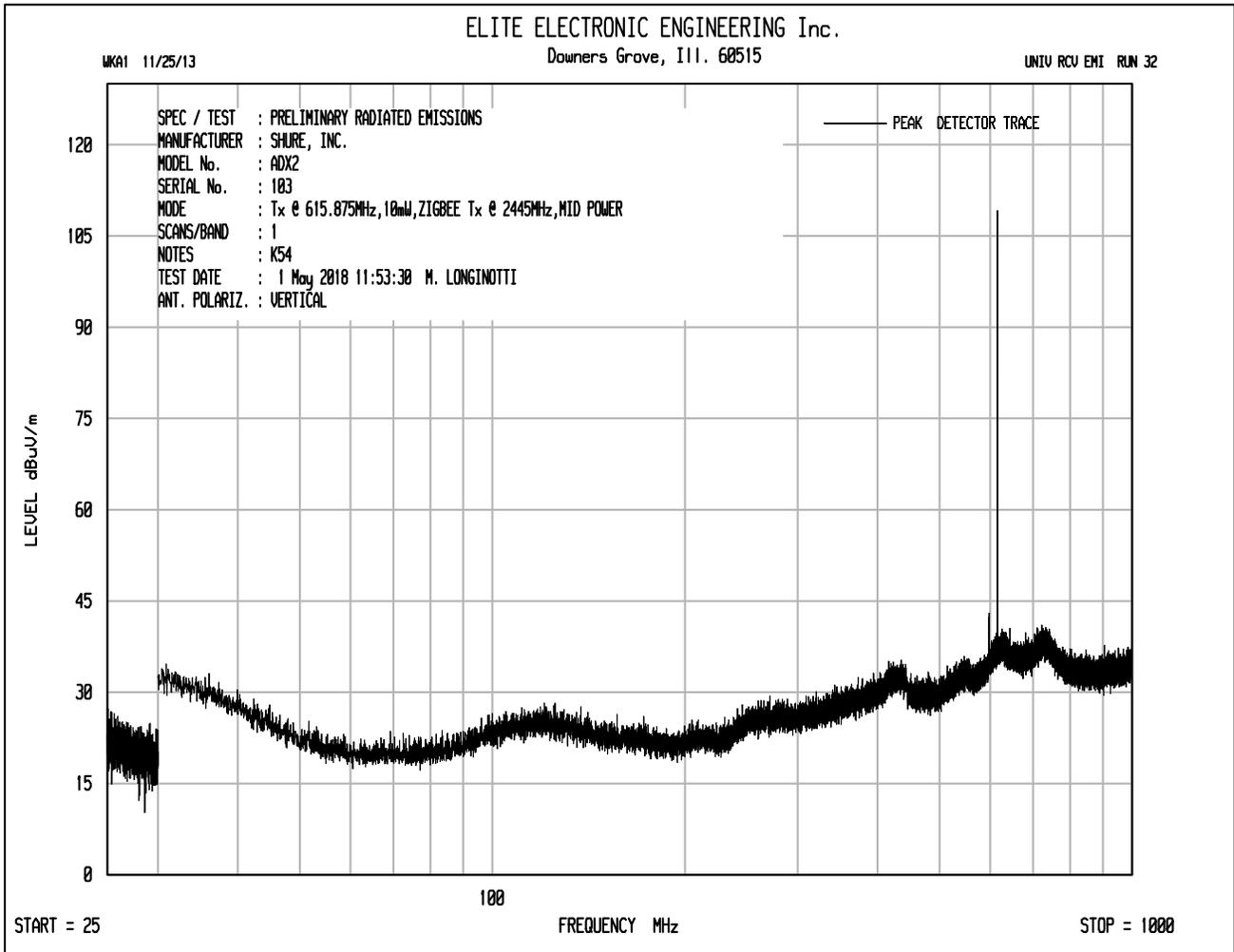
Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm)	Limit dBm	Margin dB
624.00	H	0.2		-73.8	0.0	1.7	-75.5	-54.0	-21.5
624.00	V	15.8		-59.1	0.0	1.7	-60.8	-54.0	-6.8

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

Checked By: MARK E. LONGINOTTI  
 Mark E. Longinotti

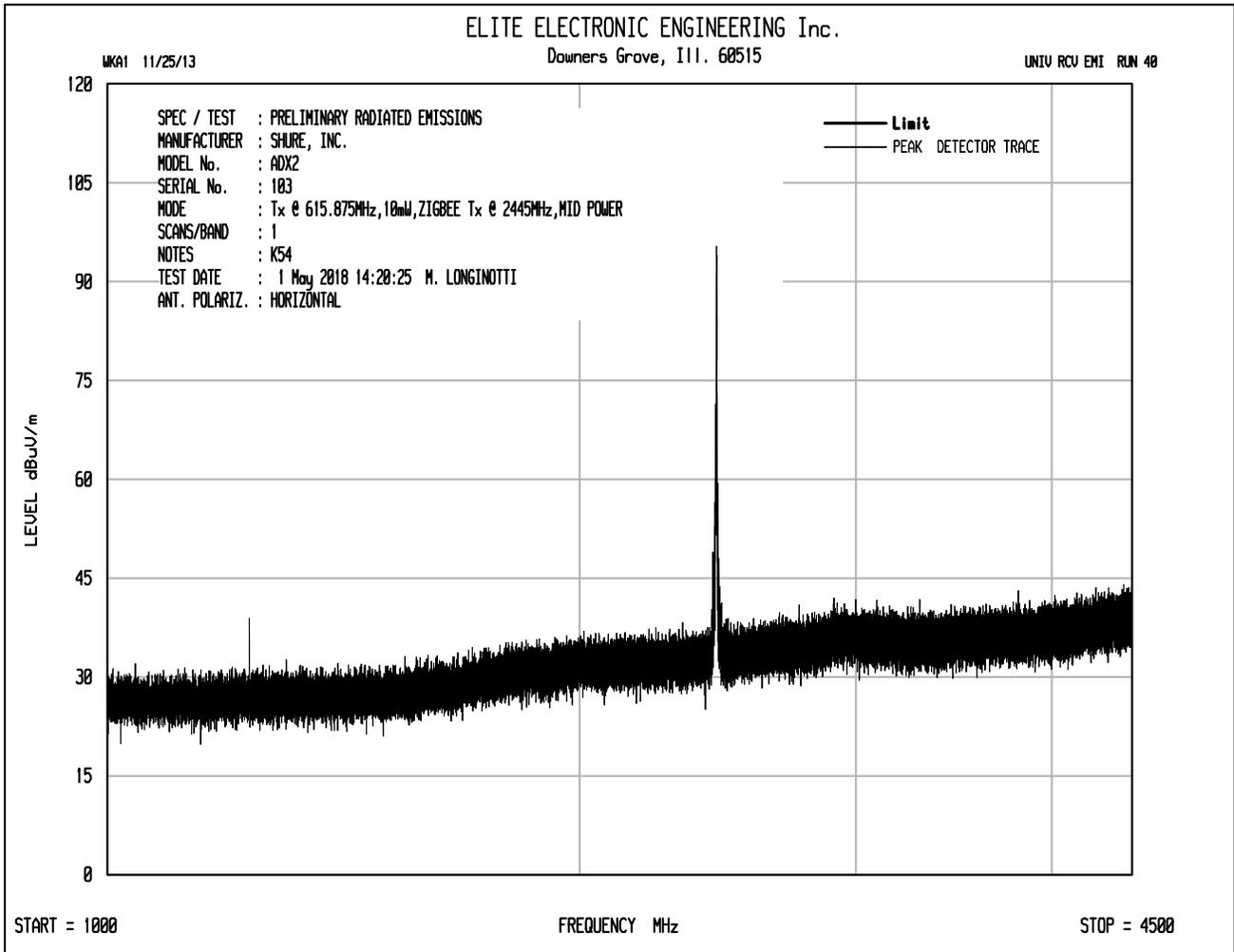


Plot shows emissions at 615.875MHz from UHF transmitter.

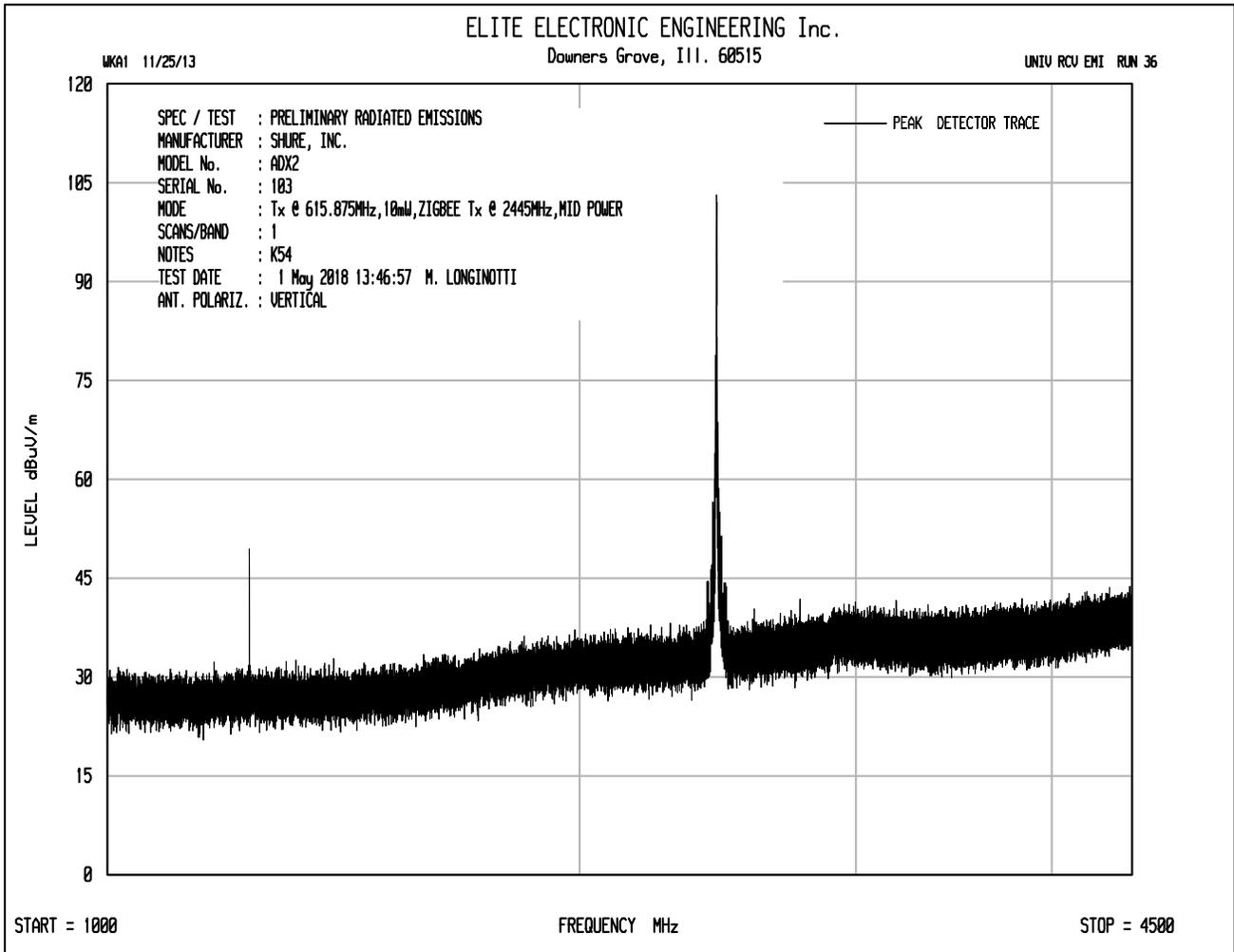


Plot shows emissions at 615.875MHz from UHF transmitter.

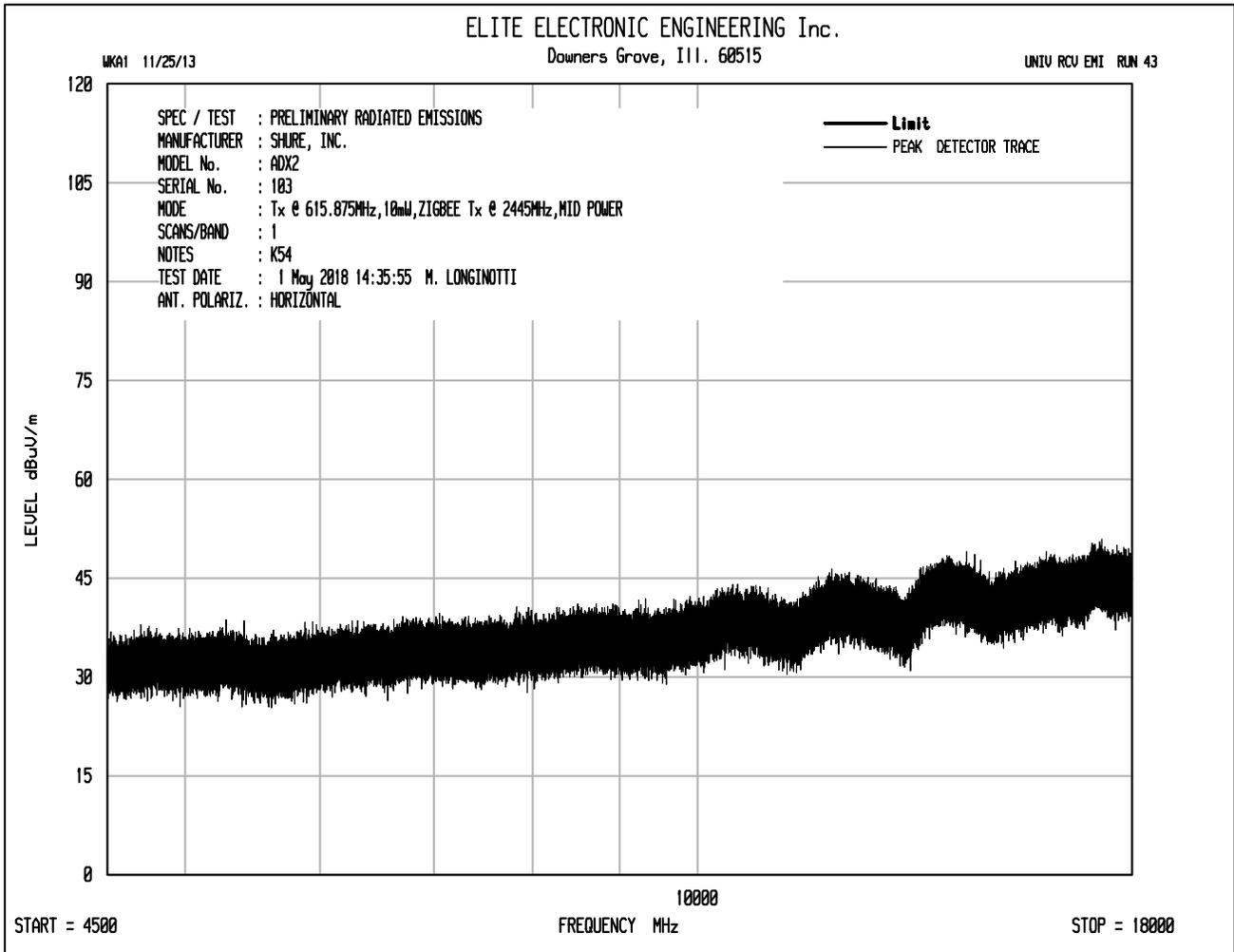
Plot shows emissions at 597.375MHz (Intermodulation product of 2445MHz – 3 x 615.875MHz)

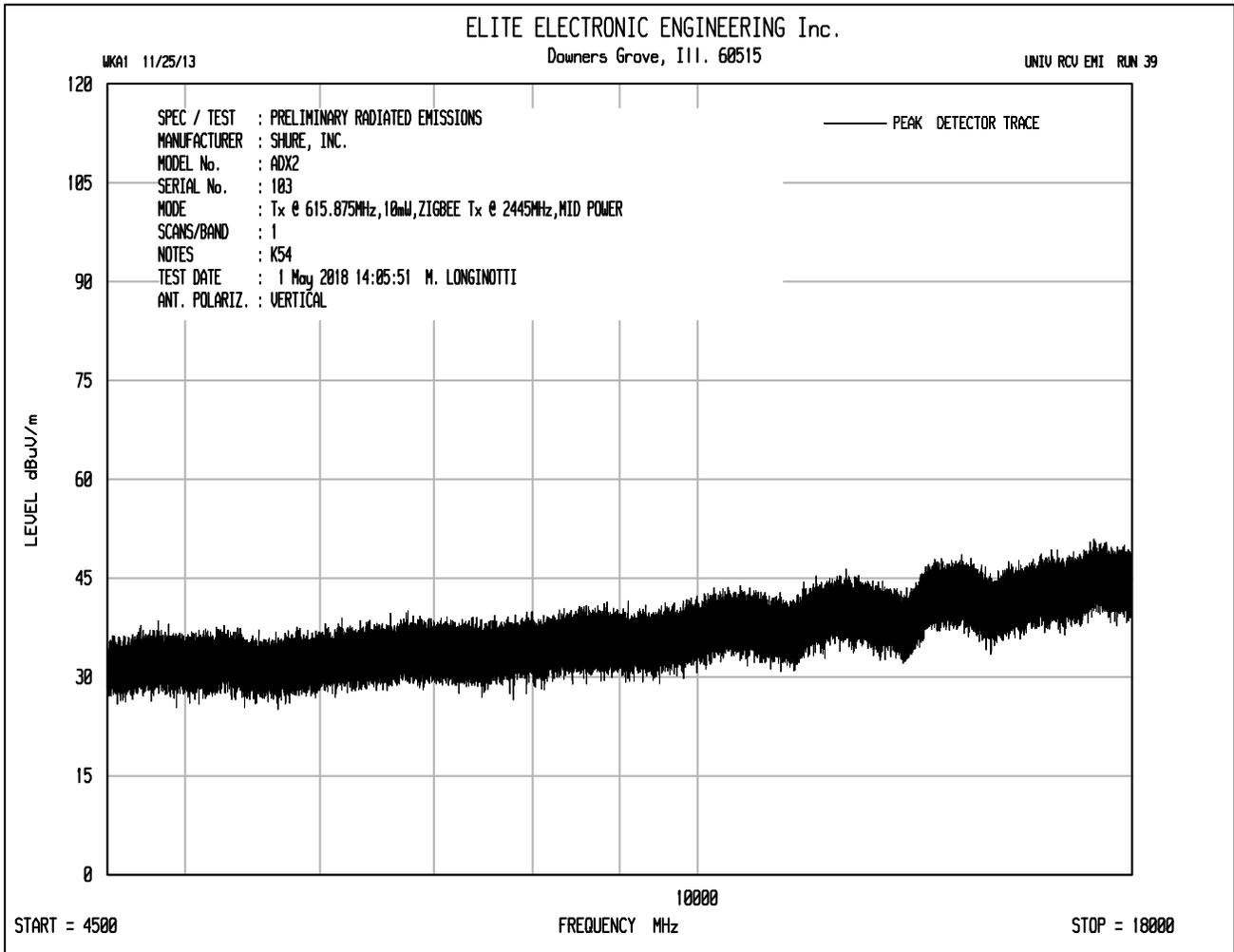


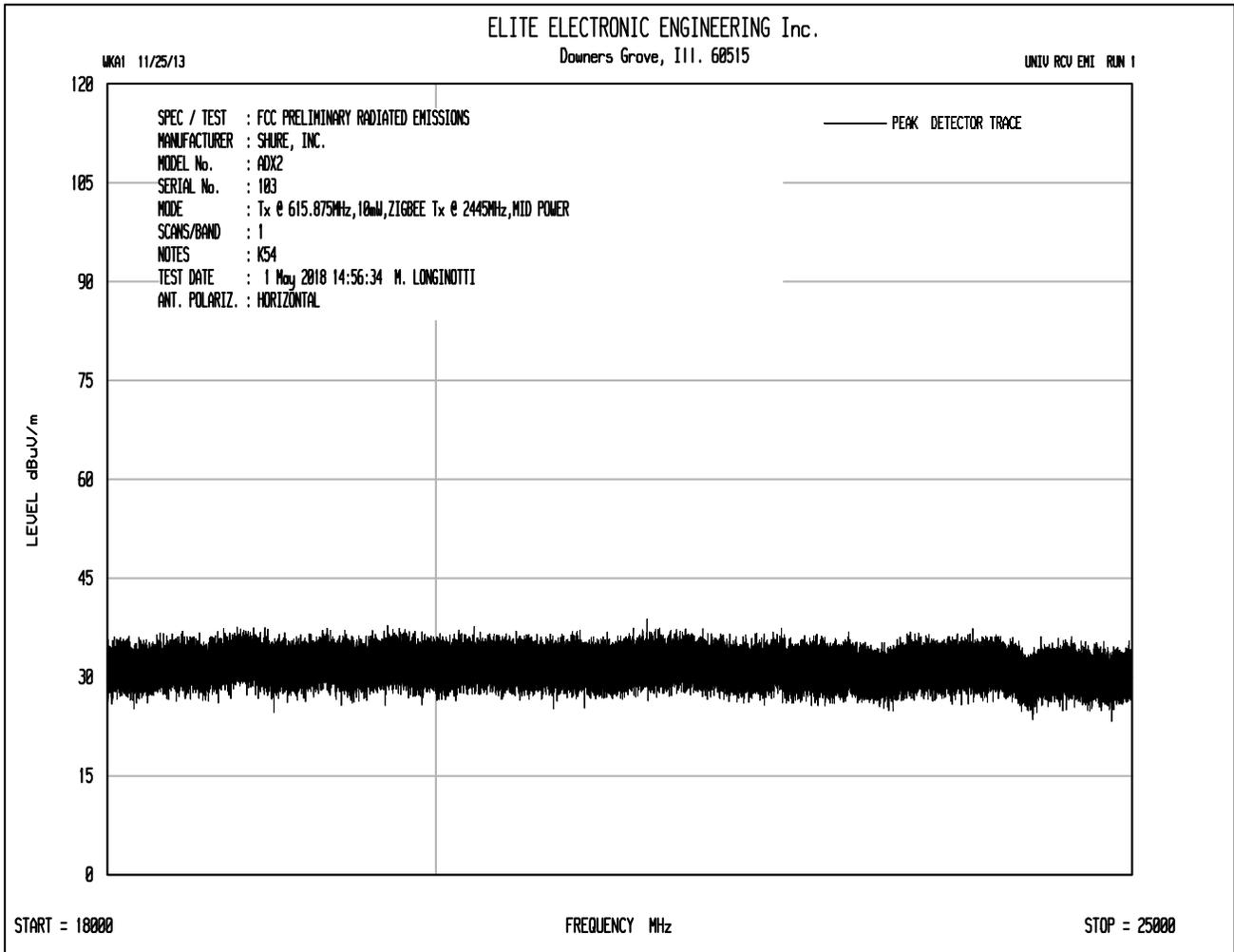
Plot shows emissions at 1231.75MHz (2<sup>nd</sup> harmonic of UHF transmitter of 615.875MHz).  
 Plot shows emissions at 2445MHz from Zigbee transmitter.

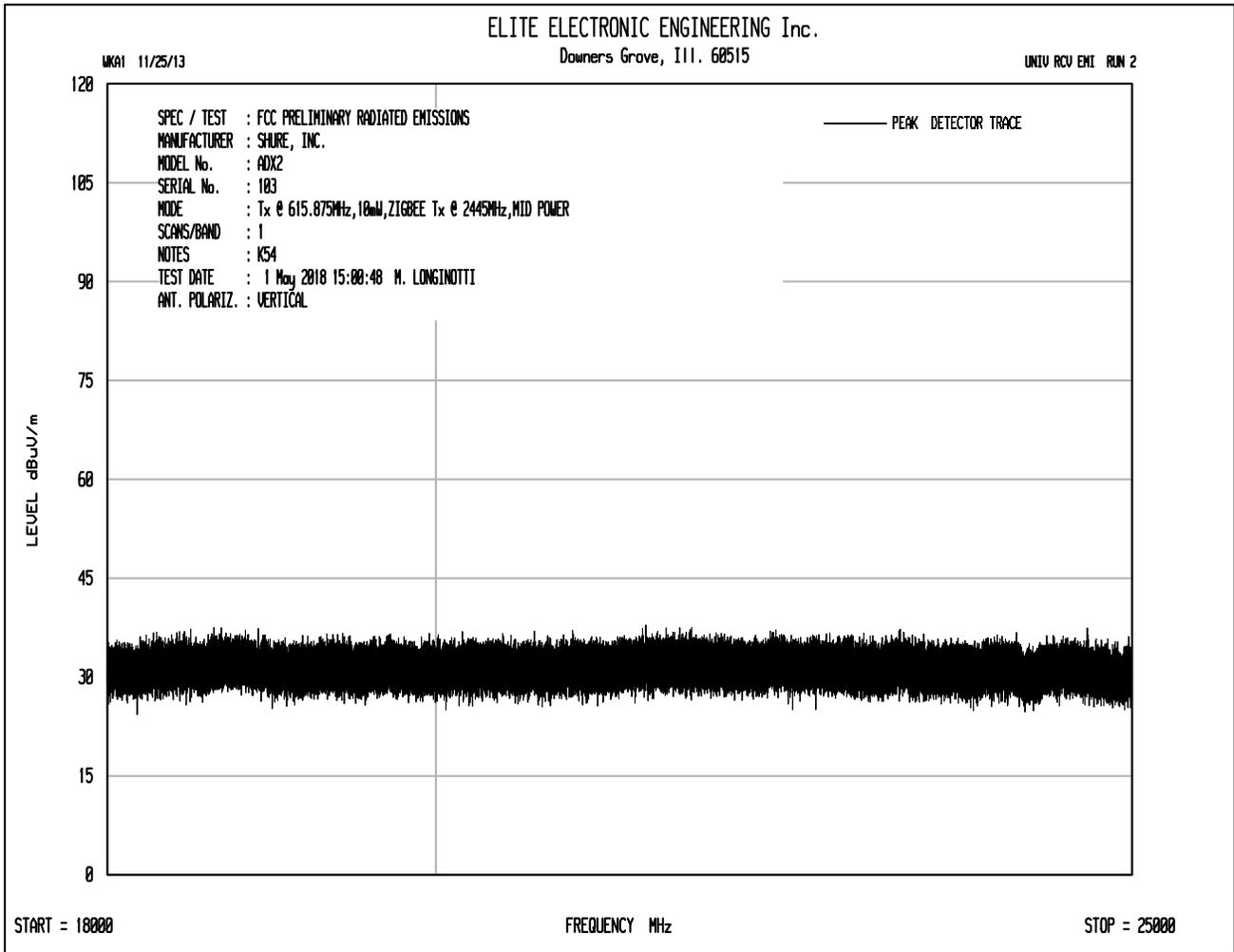


Plot shows emissions at 1231.75MHz (2<sup>nd</sup> harmonic of UHF transmitter of 615.875MHz).  
 Plot shows emissions at 2445MHz from Zigbee transmitter.









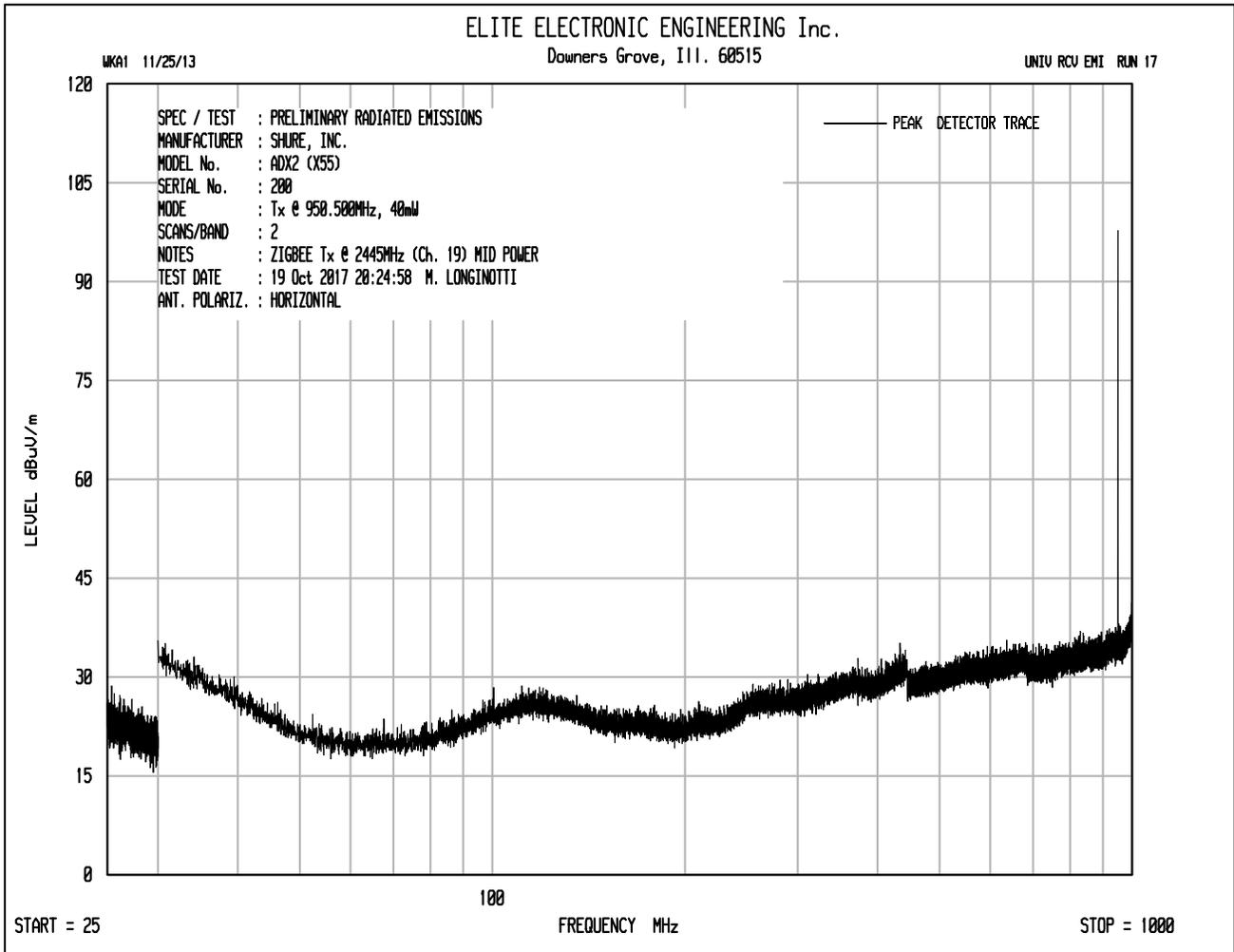


MANUFACTURER : Shure Incorporated  
 MODEL NO. : ADX2  
 SERIAL NO. : 103  
 SPECIFICATION : FCC 15.236(g) Intermodulation Spurious Radiated Emissions  
 DATE : May 1, 2018  
 MODE : UHF Tx @ 615.875MHz, 10mW, Zigbee Transmit at 2440MHz,  
 : mid power  
 UNIT : K54  
 EQUIPMENT USED : NTA2, RBG2, GRE2,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

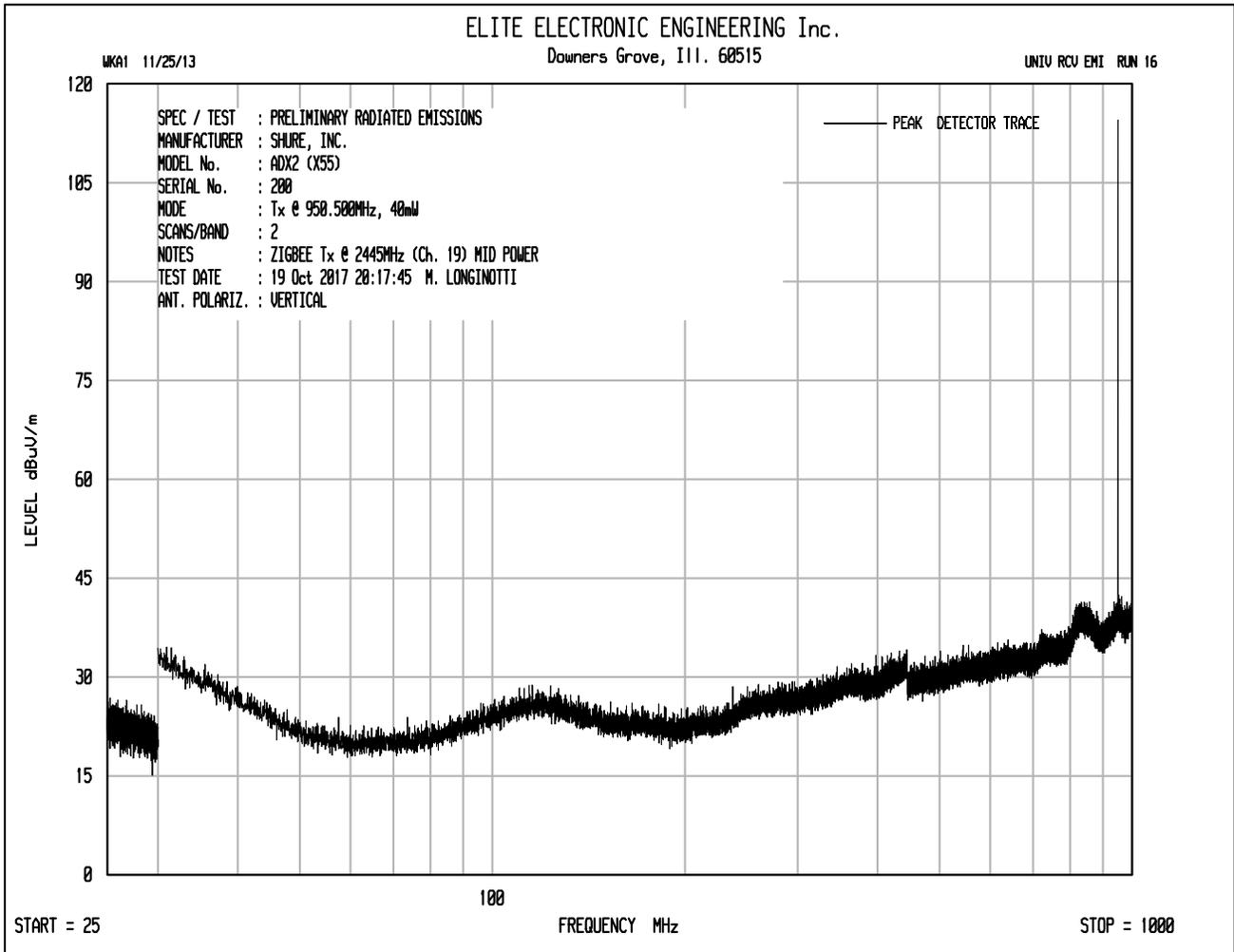
Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm)	Limit dBm	Margin dB
597.38	H	-1.7		-85.6	0.0	1.7	-87.3	-54.0	-33.3
597.38	V	14.2		-59.8	0.0	1.7	-61.5	-54.0	-7.5

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

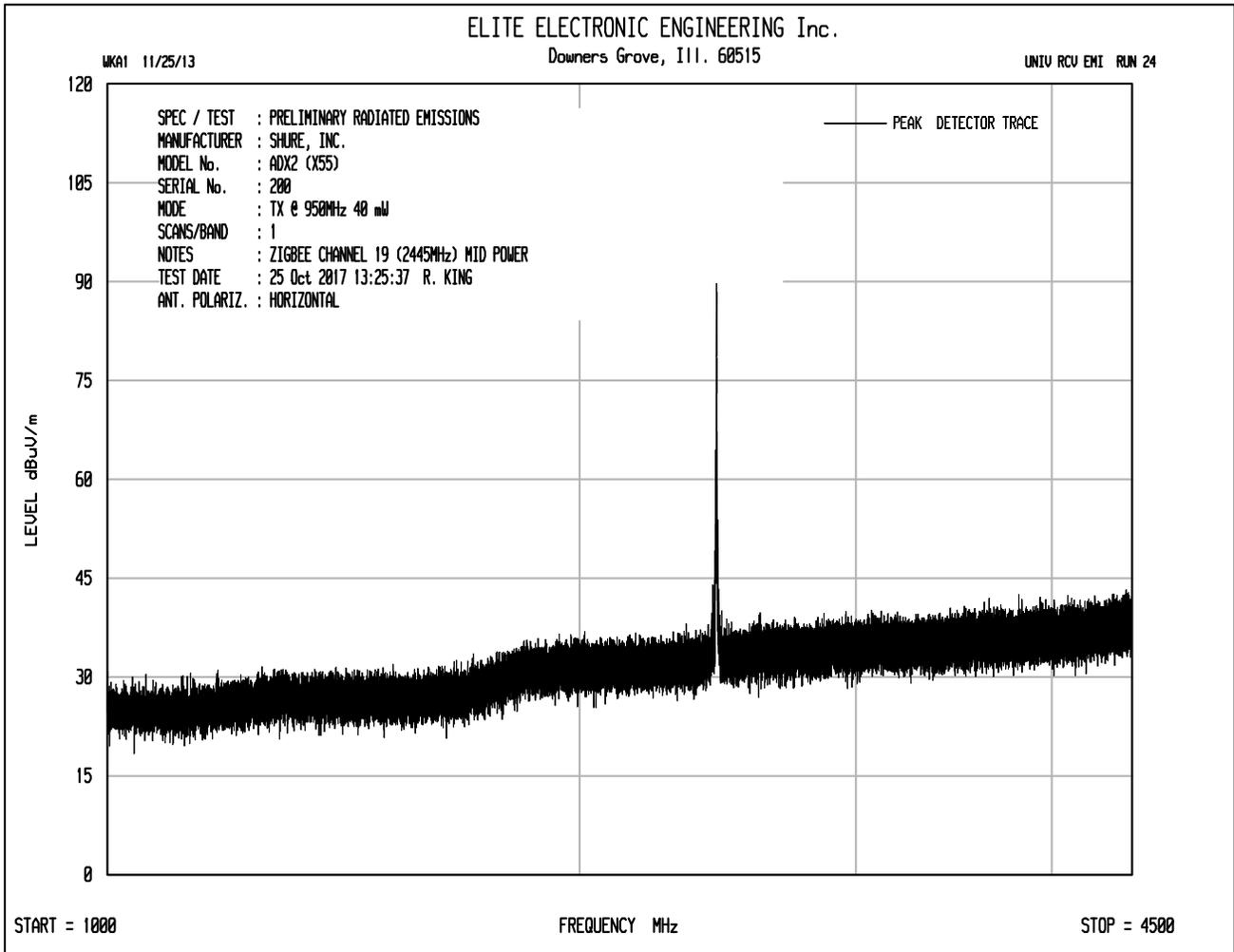
Checked By: MARK E. LONGINOTTI  
 Mark E. Longinotti



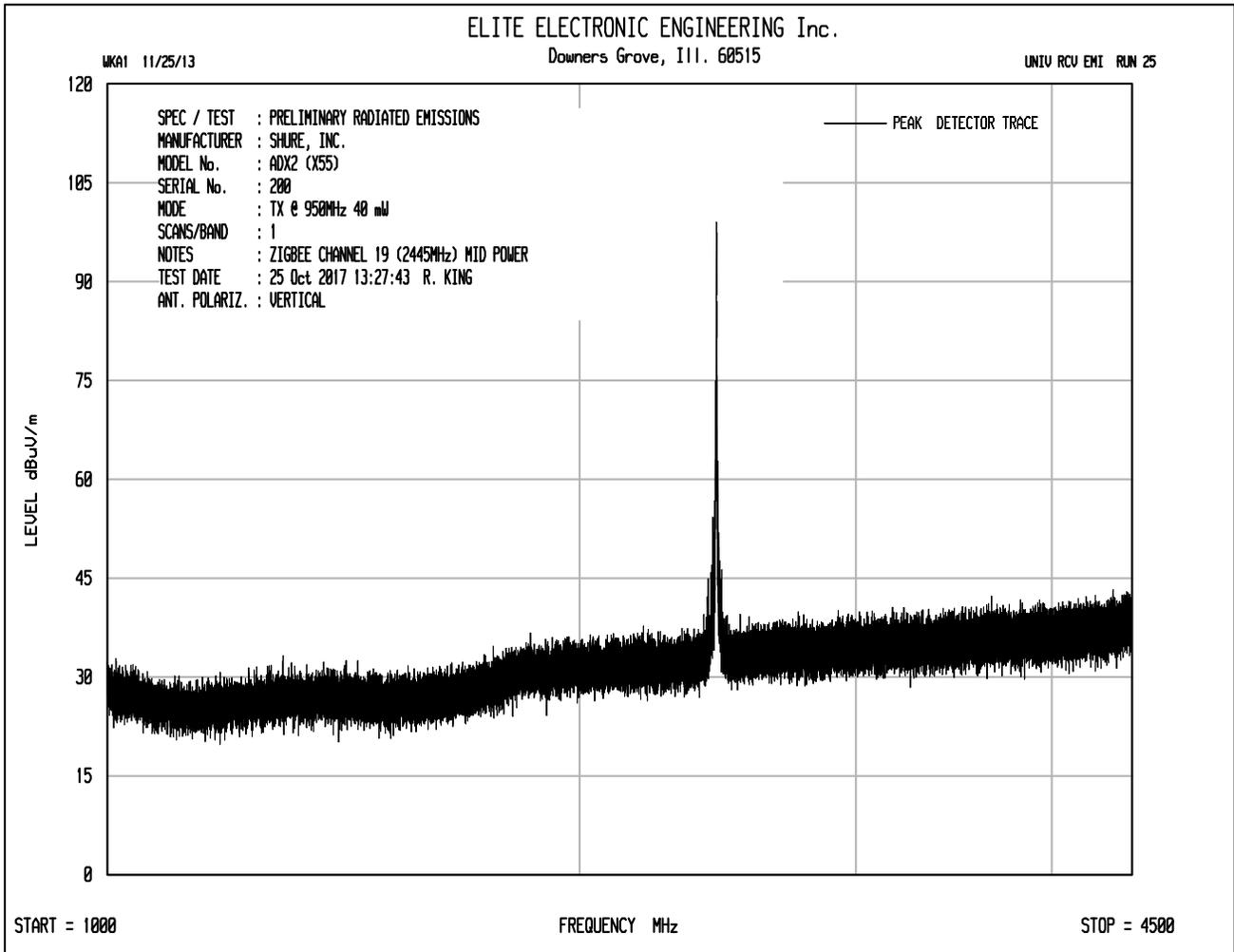
Plot shows emissions at 950.000MHz from UHF transmitter.



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.

