

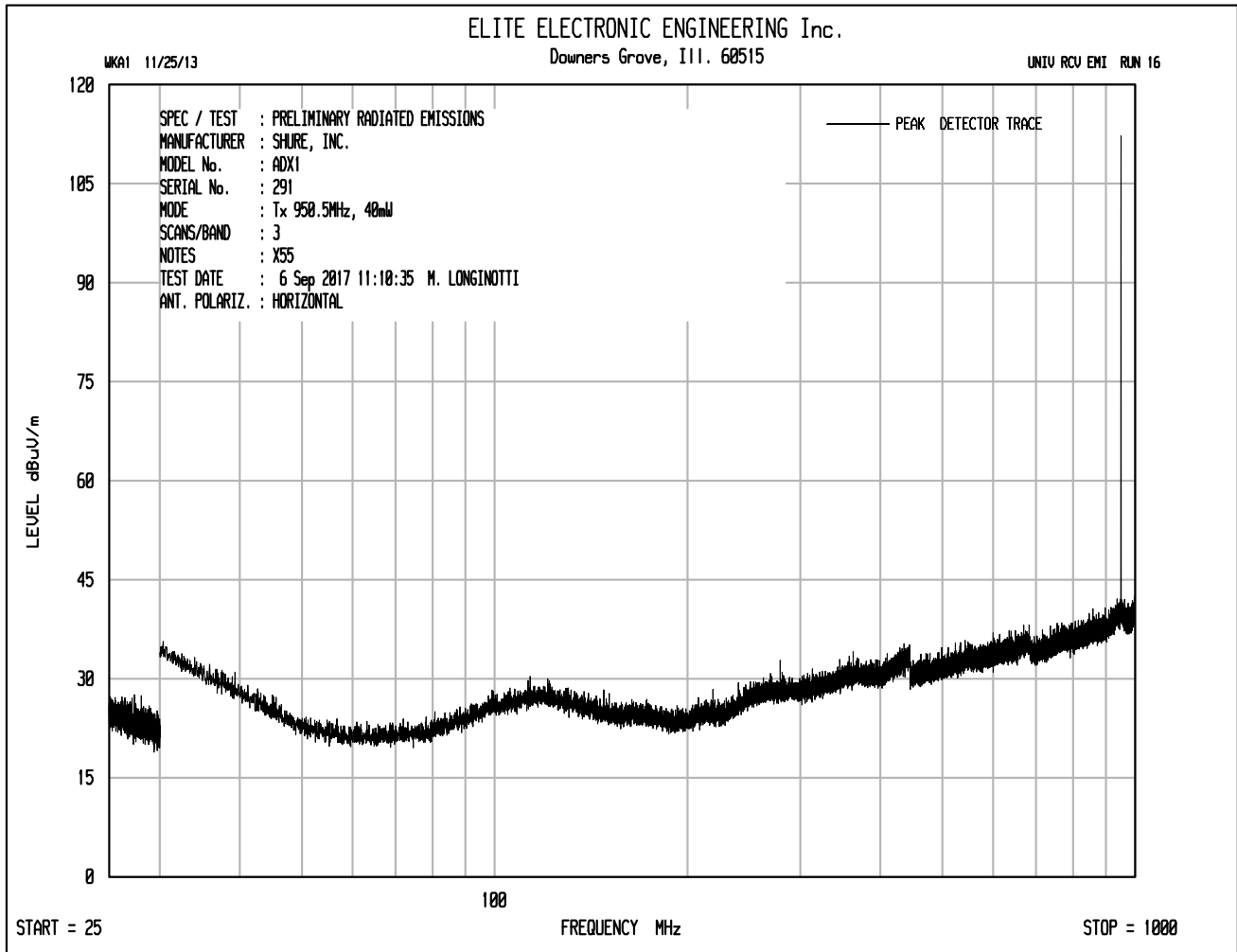


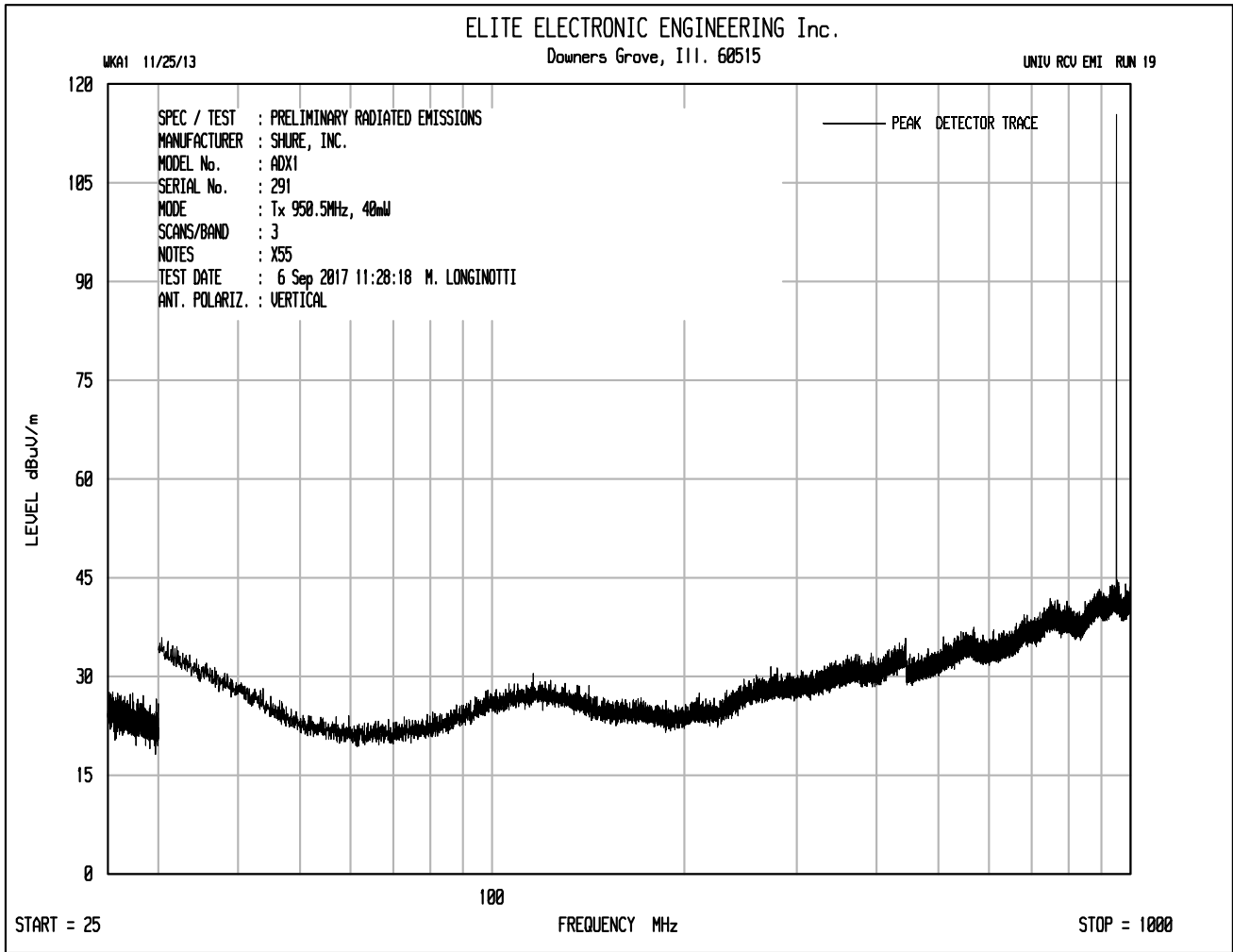
MANUFACTURER : Shure Incorporated
 MODEL NO. : ADX1
 SERIAL NO. : 291
 SPECIFICATION : FCC 74.861(d)(4)(ii) Spurious Radiated Emissions
 DATE : September 6, 2017 and September 11, 2017
 MODE : Transmit at 950.500MHz
 UNIT : X55
 EQUIPMENT USED : NTA2,RBG2,NDQ0,GRE2, NWQ0, NWQ2
 NOTES : 2mW nominal power

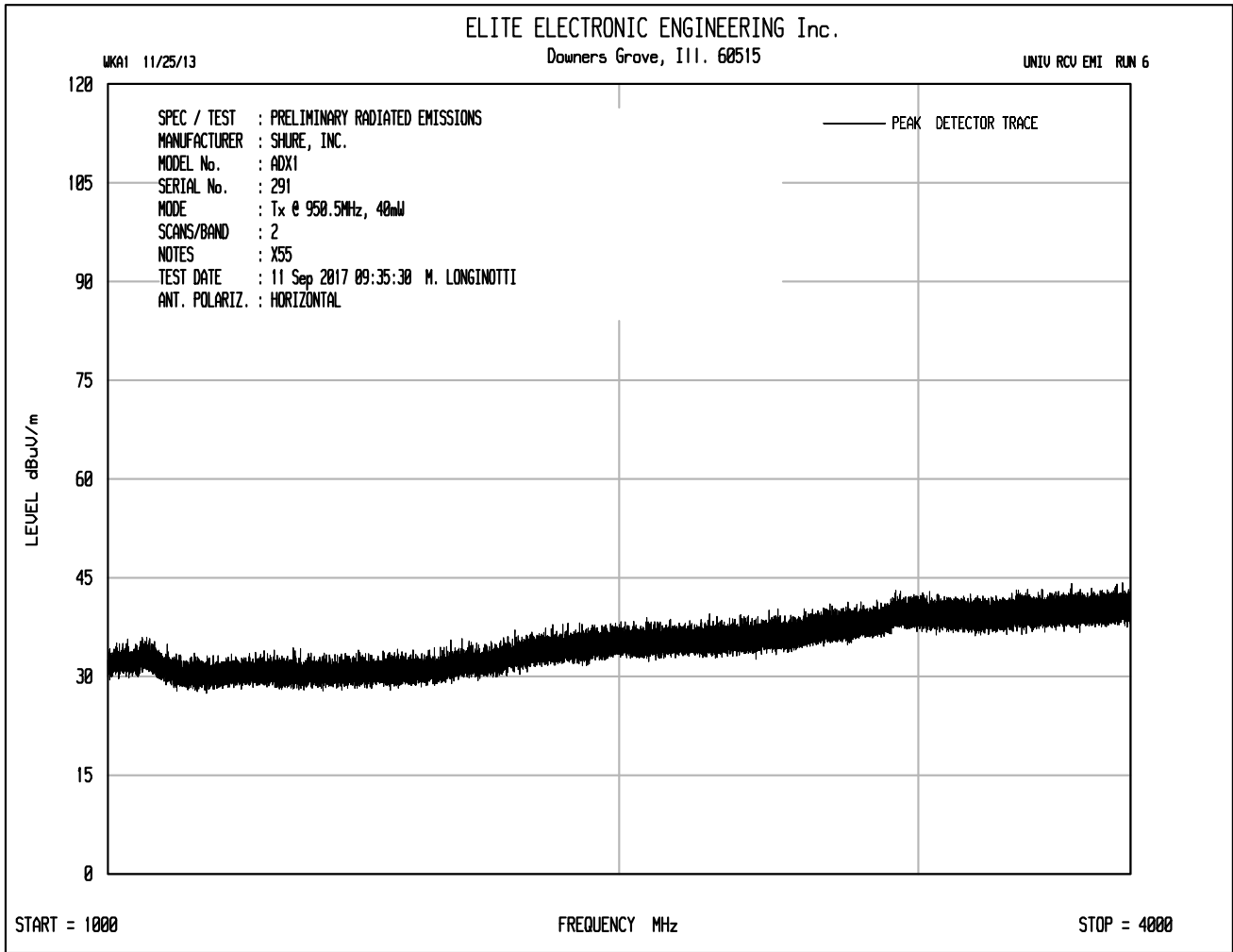
Freq. MHz	Ant Pol	Meter Reading (dBUV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm)	Limit dBm	Margin dB
1901.00	H	0.3	Ambient	-66.6	4.6	3.0	-65.0	-30.0	-35.0
1901.00	V	0.3	21.80	-63.3	4.6	3.0	-61.7	-30.0	-31.7
2851.50	H	1.4	22.80	-64.0	6.7	3.8	-61.1	-30.0	-31.1
2851.50	V	1.4	22.00	-61.4	6.7	3.8	-58.5	-30.0	-28.5
3802.00	H	2.1	22.30	-61.0	8.6	4.4	-56.8	-30.0	-26.8
3802.00	V	2.1	22.30	-60.2	8.6	4.4	-56.0	-30.0	-26.0
4752.50	H	3.4	Ambient	-56.9	9.7	4.8	-52.0	-30.0	-22.0
4752.50	V	3.4	Ambient	-56.8	9.7	4.8	-51.9	-30.0	-21.9
5703.00	H	6.4	Ambient	-51.8	10.3	5.3	-46.7	-30.0	-16.7
5703.00	V	6.4	Ambient	-52.6	10.3	5.3	-47.5	-30.0	-17.5
6653.50	H	7.1	Ambient	-49.8	11.1	5.8	-44.5	-30.0	-14.5
6653.50	V	7.0	Ambient	-51.0	11.1	5.8	-45.7	-30.0	-15.7
7604.00	H	7.7	Ambient	-48.8	11.9	6.3	-43.2	-30.0	-13.2
7604.00	V	7.7	Ambient	-49.7	11.9	6.3	-44.1	-30.0	-14.1
8554.50	H	0.1	Ambient	-54.9	12.5	6.5	-48.9	-30.0	-18.9
8554.50	V	0.2	Ambient	-56.0	12.5	6.5	-50.0	-30.0	-20.0
9505.00	H	-0.1	Ambient	-54.4	13.0	6.8	-48.2	-30.0	-18.2
9505.00	V	-0.2	Ambient	-55.2	13.0	6.8	-49.0	-30.0	-19.0

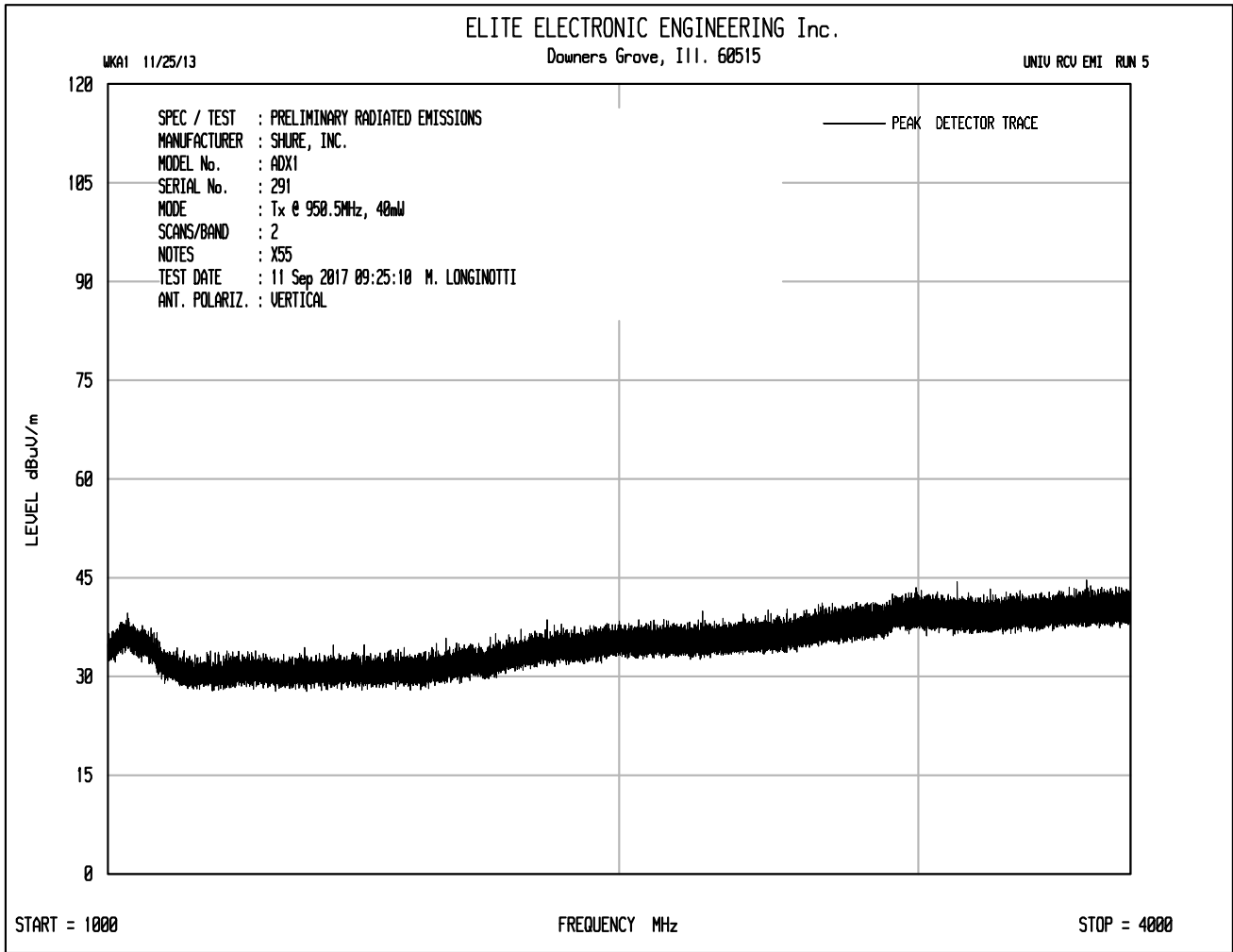
ERP (dBm) = Matched Sig. (dBm) + Equivalent Antenna Gain (dB) – Cable Loss (dB)

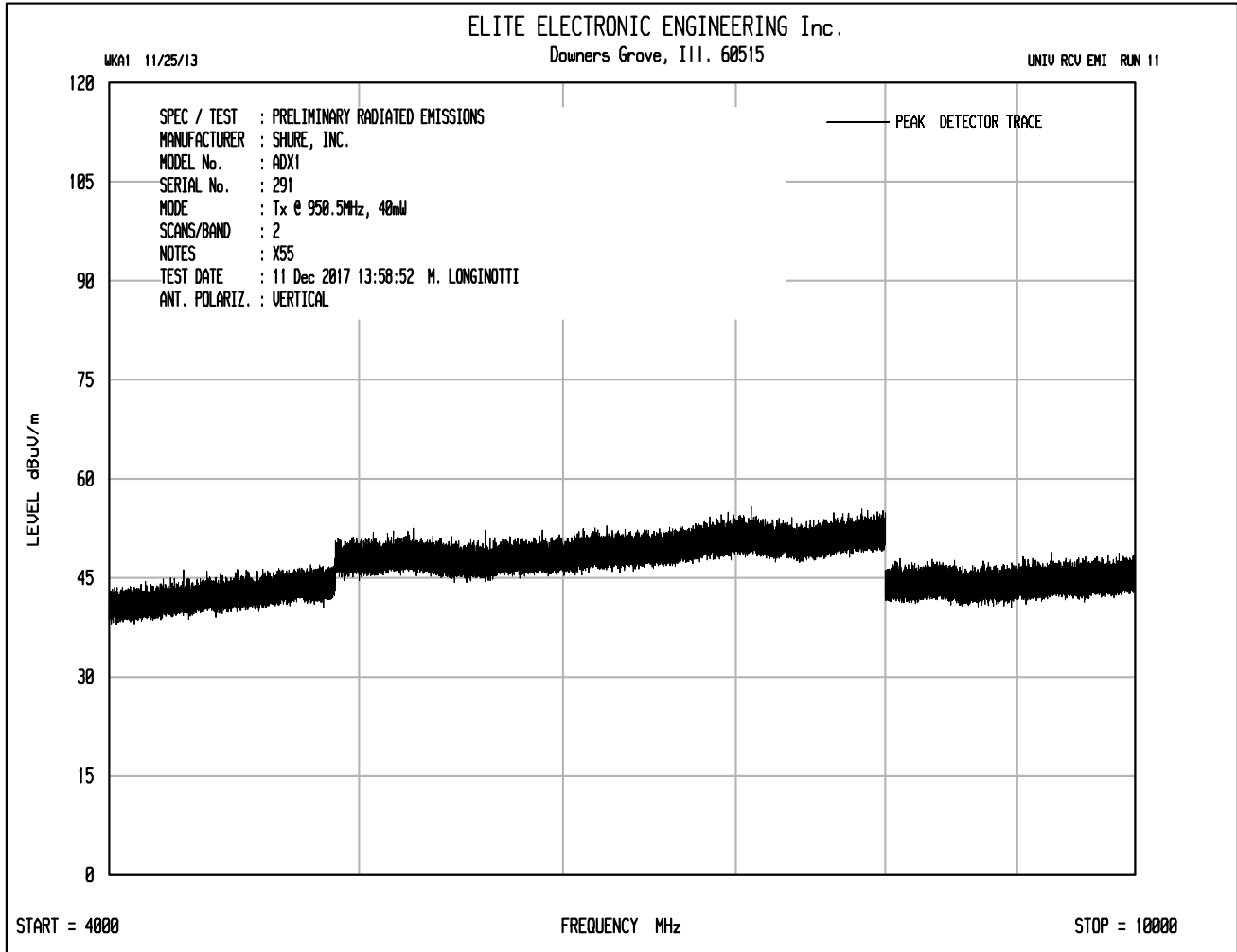
Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti

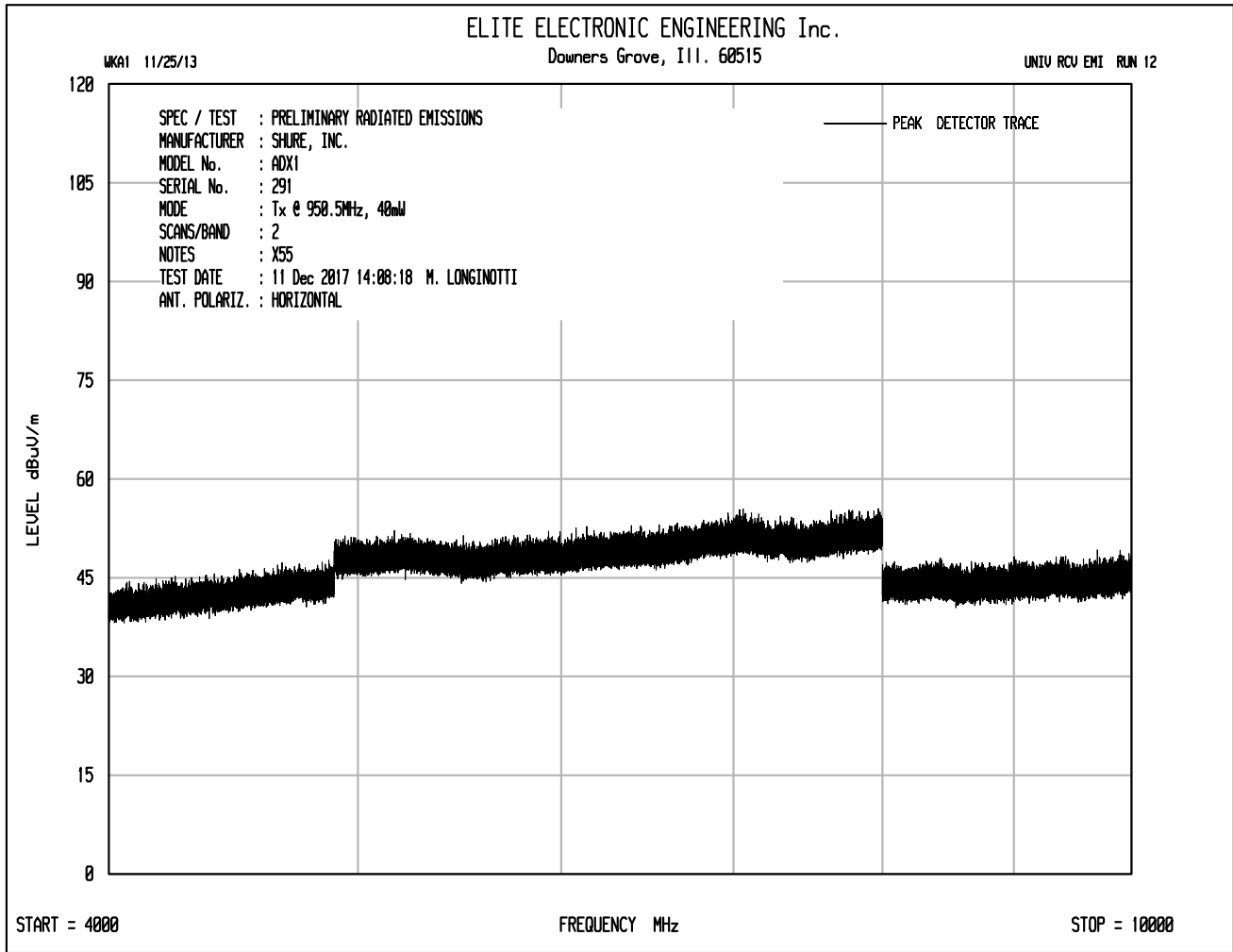












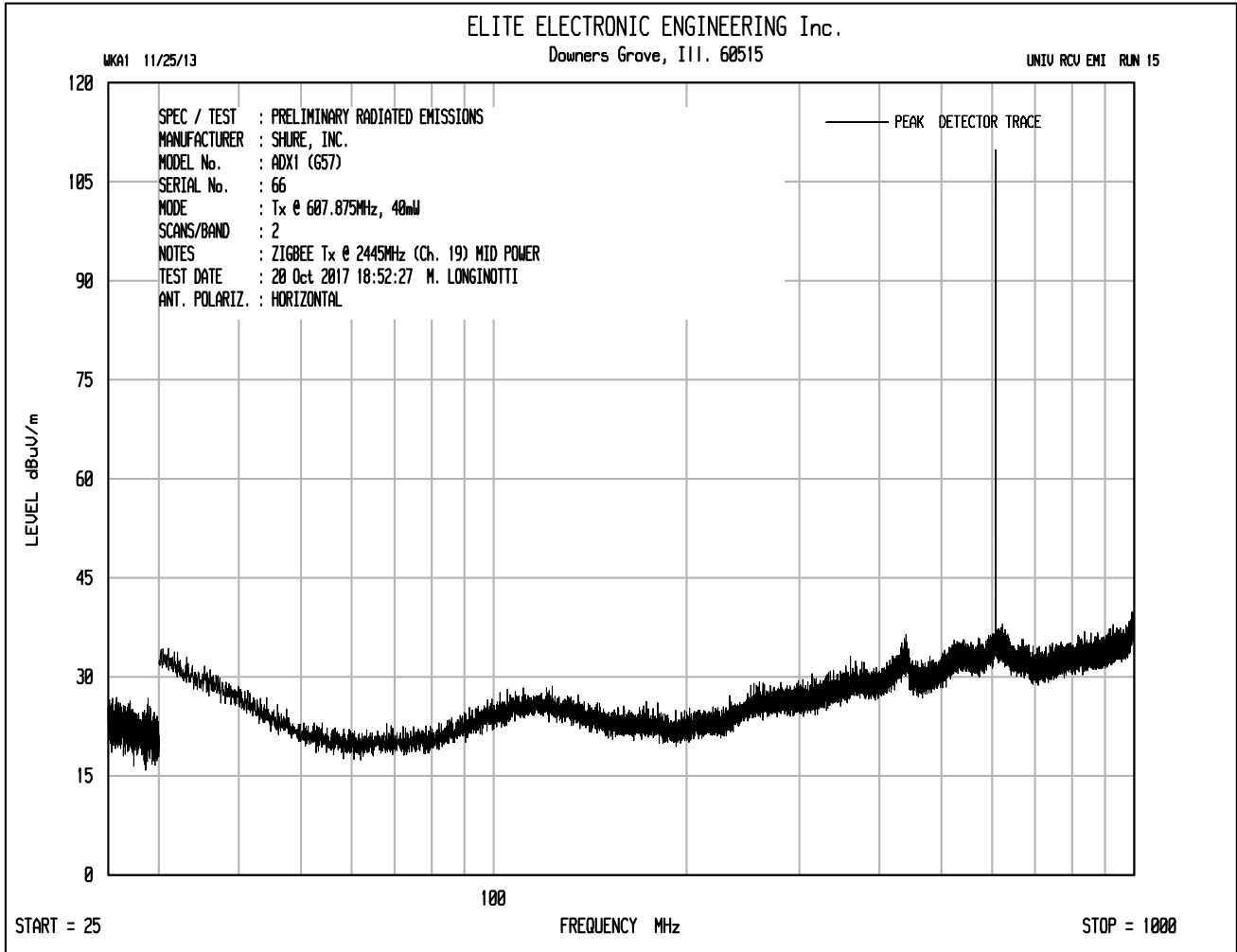


MANUFACTURER : Shure Incorporated
 MODEL NO. : ADX1
 SERIAL NO. : 291
 SPECIFICATION : FCC 74.861(d)(4)(ii) Spurious Radiated Emissions
 DATE : September 6, 2017 and September 11, 2017
 MODE : Transmit at 950.500MHz
 UNIT : X55
 EQUIPMENT USED : NTA2,RBG2,NDQ0,GRE2, NWQ0, NWQ2
 NOTES : 40mW nominal power

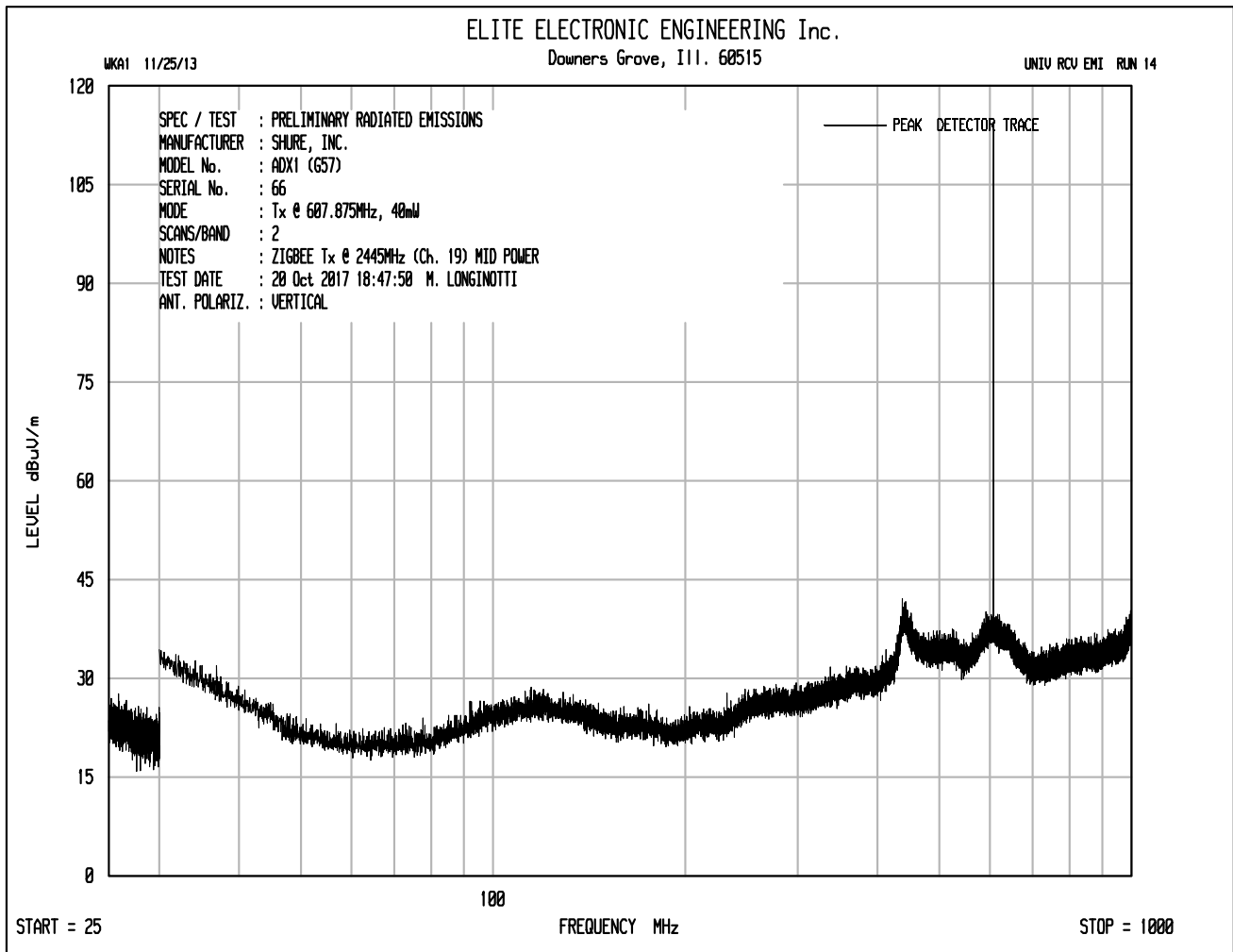
Freq. MHz	Ant Pol	Meter Reading (dBUV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm)	Limit dBm	Margin dB
1901.00	H	0.2	Ambient	-66.7	4.6	3.0	-65.1	-30.0	-35.1
1901.00	V	0.6	Ambient	-63.0	4.6	3.0	-61.4	-30.0	-31.4
2851.50	H	1.4	Ambient	-63.3	6.7	3.8	-60.4	-30.0	-30.4
2851.50	V	1.4	Ambient	-61.4	6.7	3.8	-58.5	-30.0	-28.5
3802.00	H	2.0	Ambient	-61.1	8.6	4.4	-56.9	-30.0	-26.9
3802.00	V	2.0	22.70	-60.2	8.6	4.4	-56.0	-30.0	-26.0
4752.50	H	3.4	Ambient	-56.9	9.7	4.8	-52.0	-30.0	-22.0
4752.50	V	3.4	Ambient	-56.8	9.7	4.8	-51.9	-30.0	-21.9
5703.00	H	6.4	Ambient	-51.8	10.3	5.3	-46.7	-30.0	-16.7
5703.00	V	6.4	Ambient	-52.6	10.3	5.3	-47.5	-30.0	-17.5
6653.50	H	7.0	Ambient	-49.9	11.1	5.8	-44.6	-30.0	-14.6
6653.50	V	7.0	Ambient	-51.0	11.1	5.8	-45.7	-30.0	-15.7
7604.00	H	7.6	Ambient	-48.7	11.9	6.3	-43.1	-30.0	-13.1
7604.00	V	7.8	Ambient	-49.6	11.9	6.3	-44.0	-30.0	-14.0
8554.50	H	0.2	Ambient	-54.9	12.5	6.5	-48.9	-30.0	-18.9
8554.50	V	0.2	Ambient	-56.0	12.5	6.5	-50.0	-30.0	-20.0
9505.00	H	-0.1	Ambient	-54.4	13.0	6.8	-48.2	-30.0	-18.2
9505.00	V	-0.1	Ambient	-55.1	13.0	6.8	-48.9	-30.0	-18.9

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

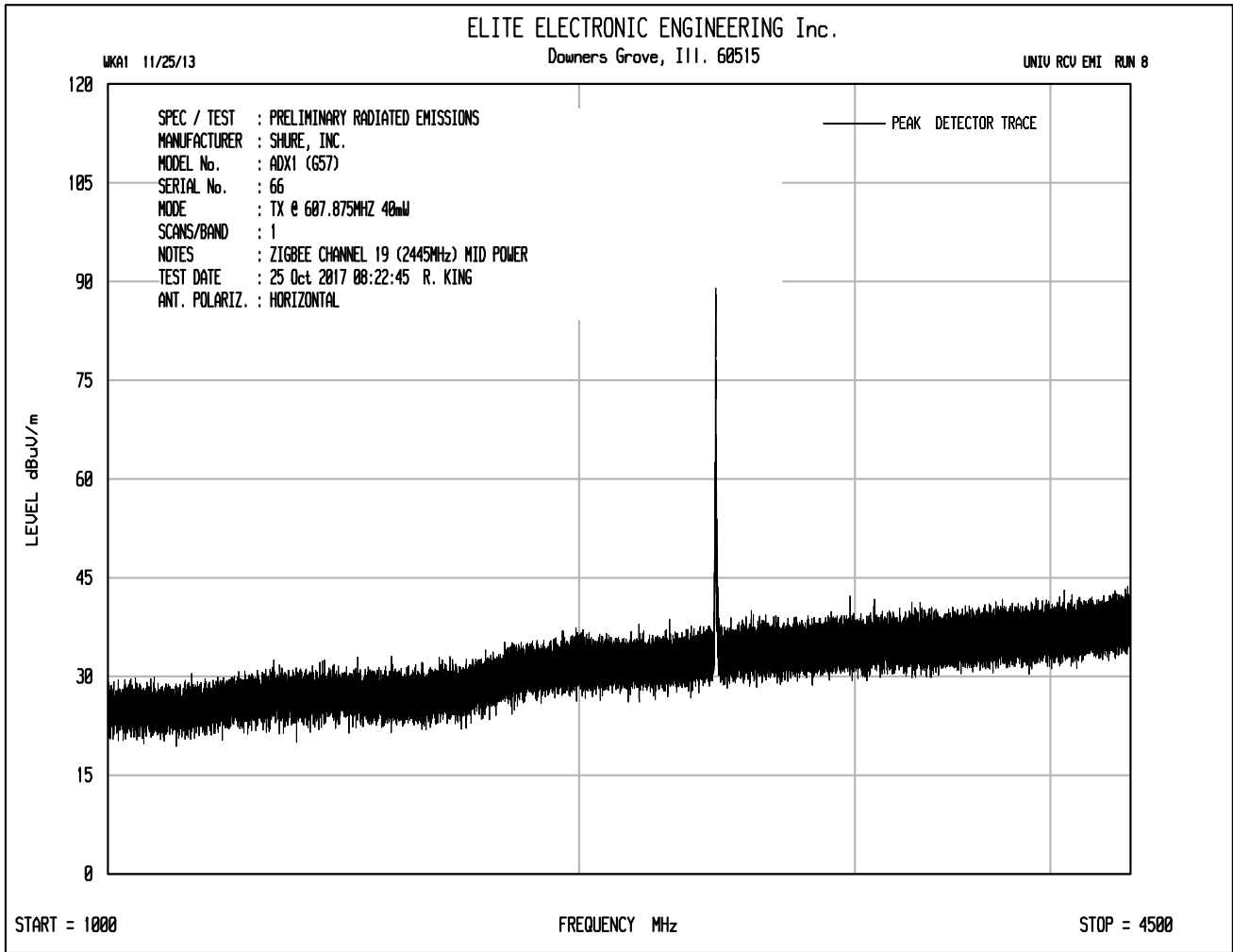
Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti



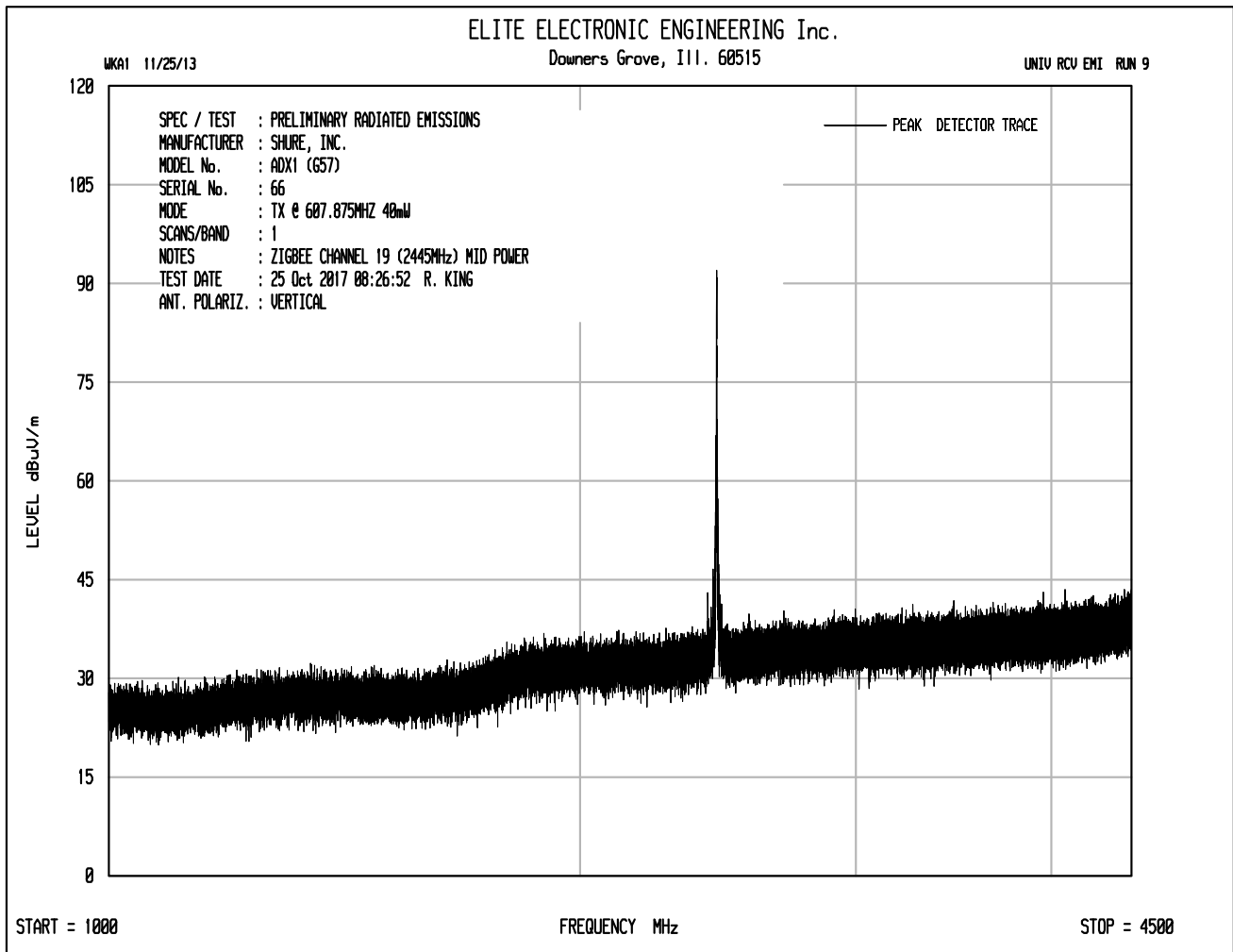
Plot shows emissions at 607.875MHz from UHF transmitter.



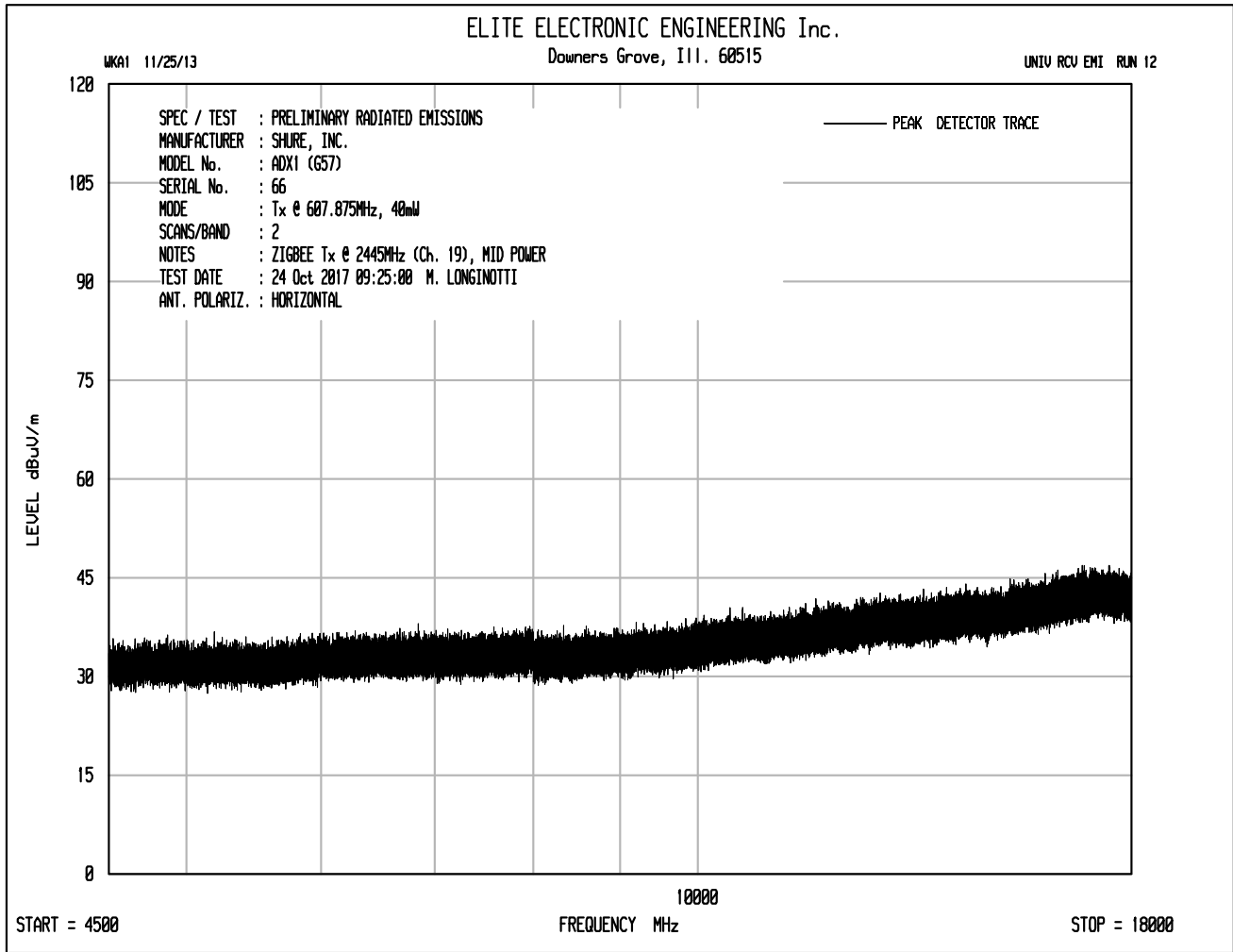
Plot shows emissions at 607.875MHz from UHF transmitter.

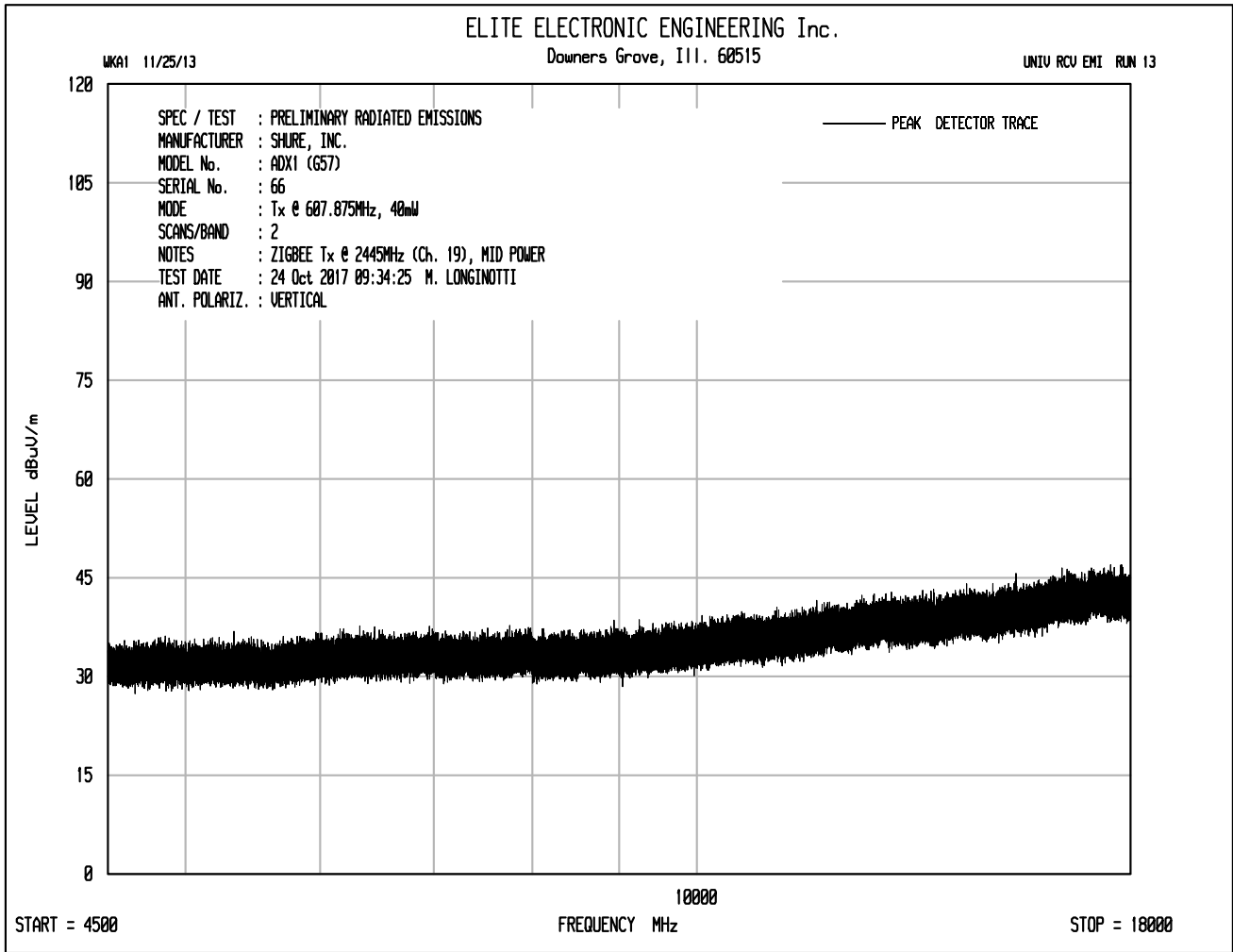


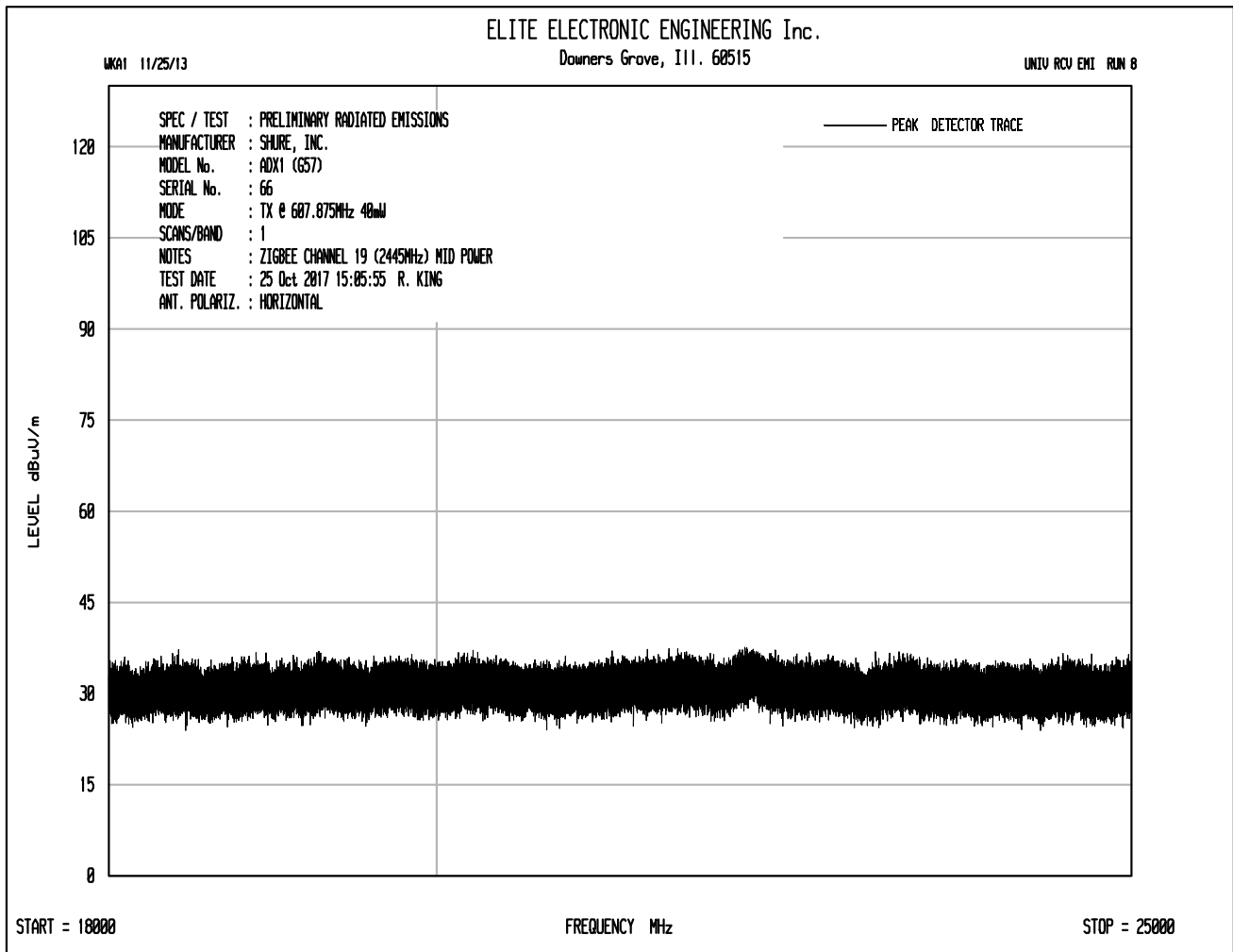
Plot shows emissions at 2445MHz from Zigbee transmitter.

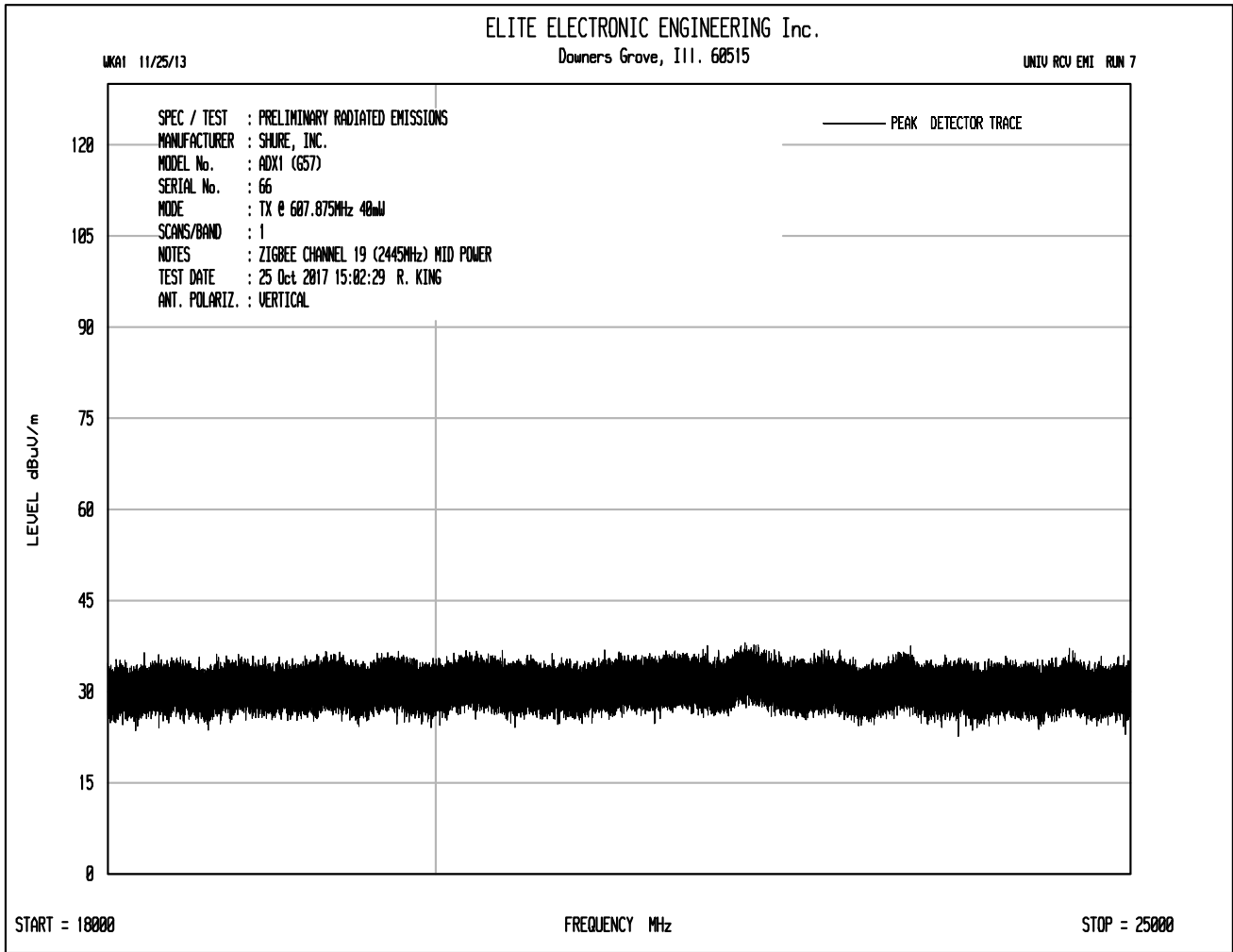


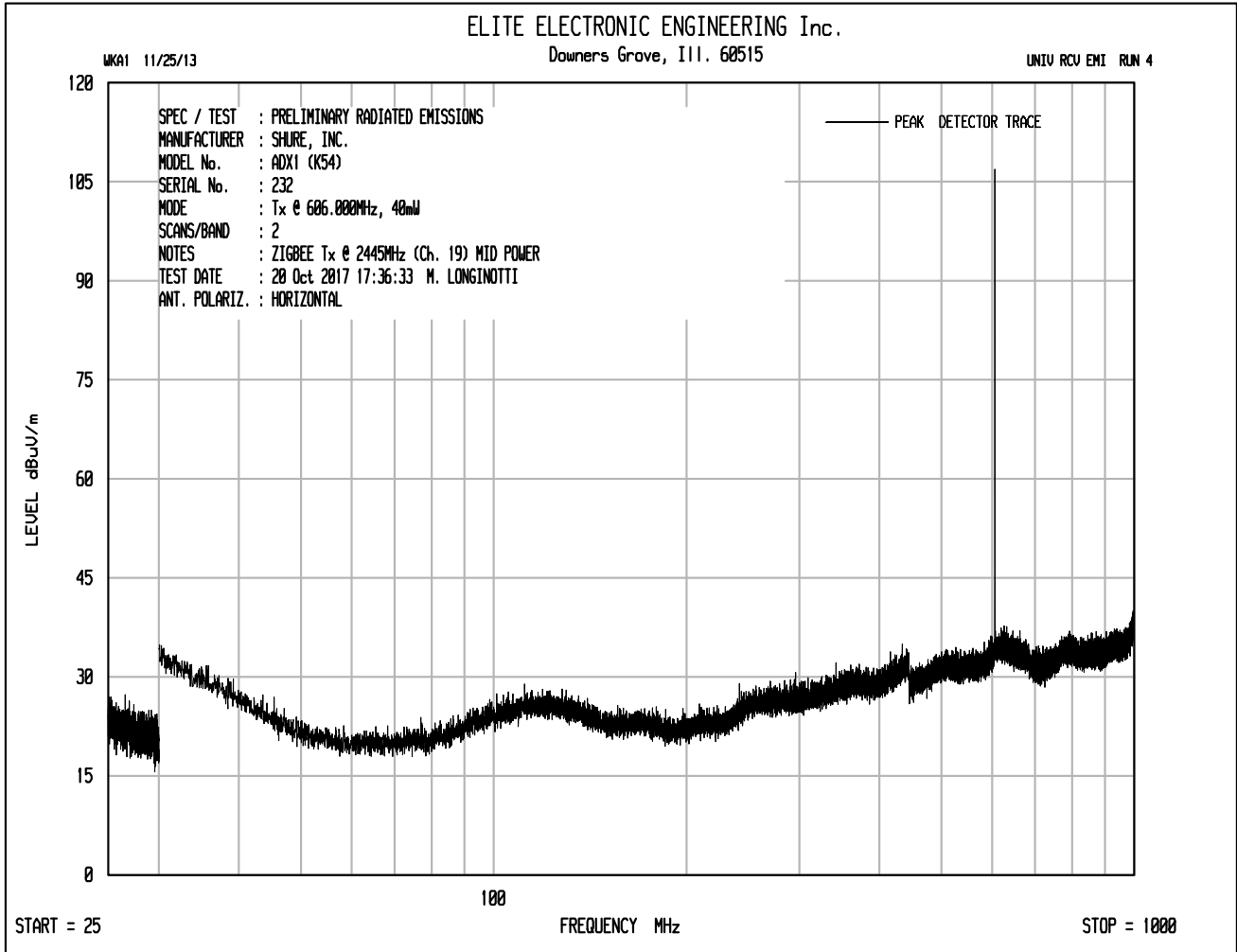
Plot shows emissions at 2445MHz from Zigbee transmitter.



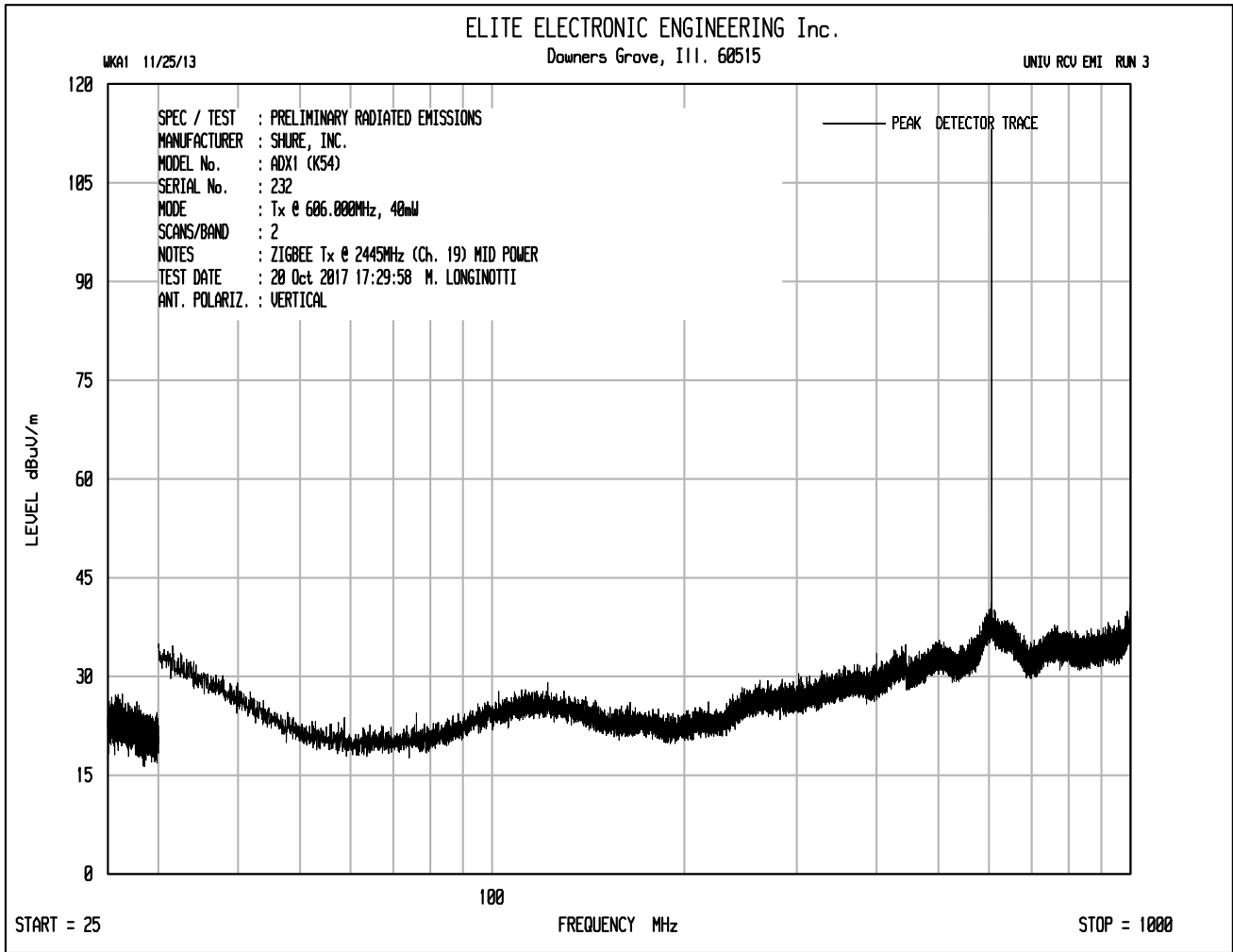




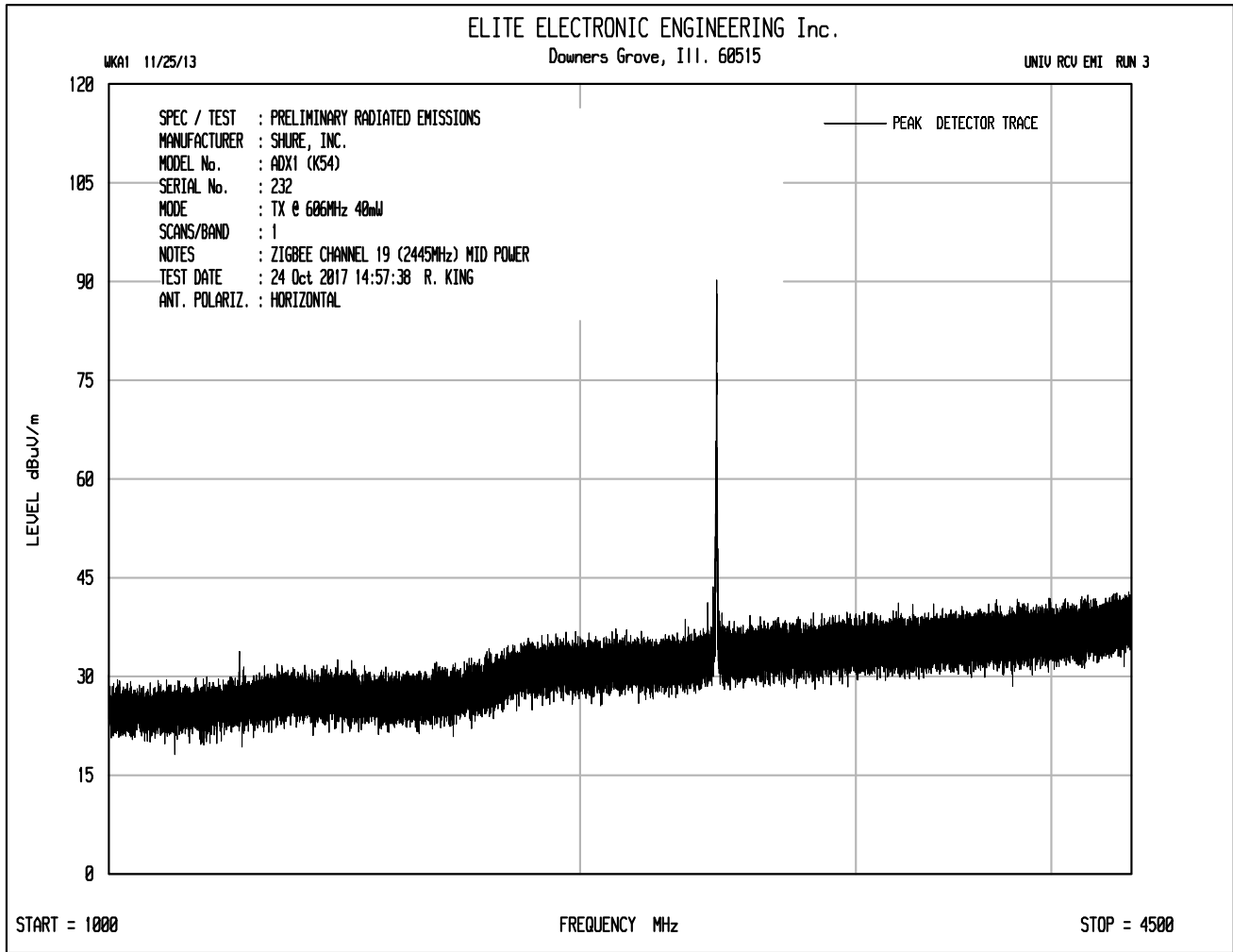




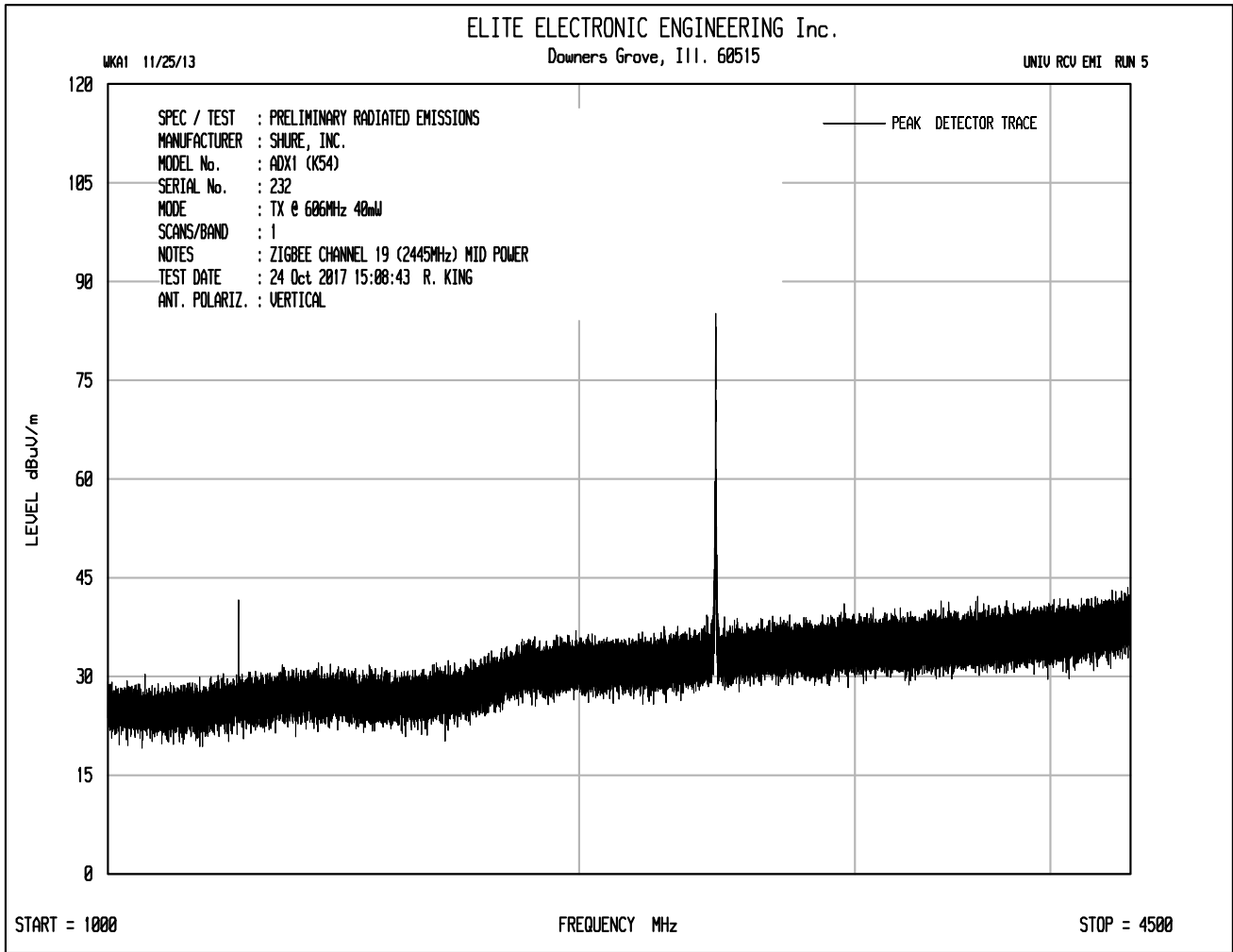
Plot shows emissions at 606MHz from UHF transmitter.



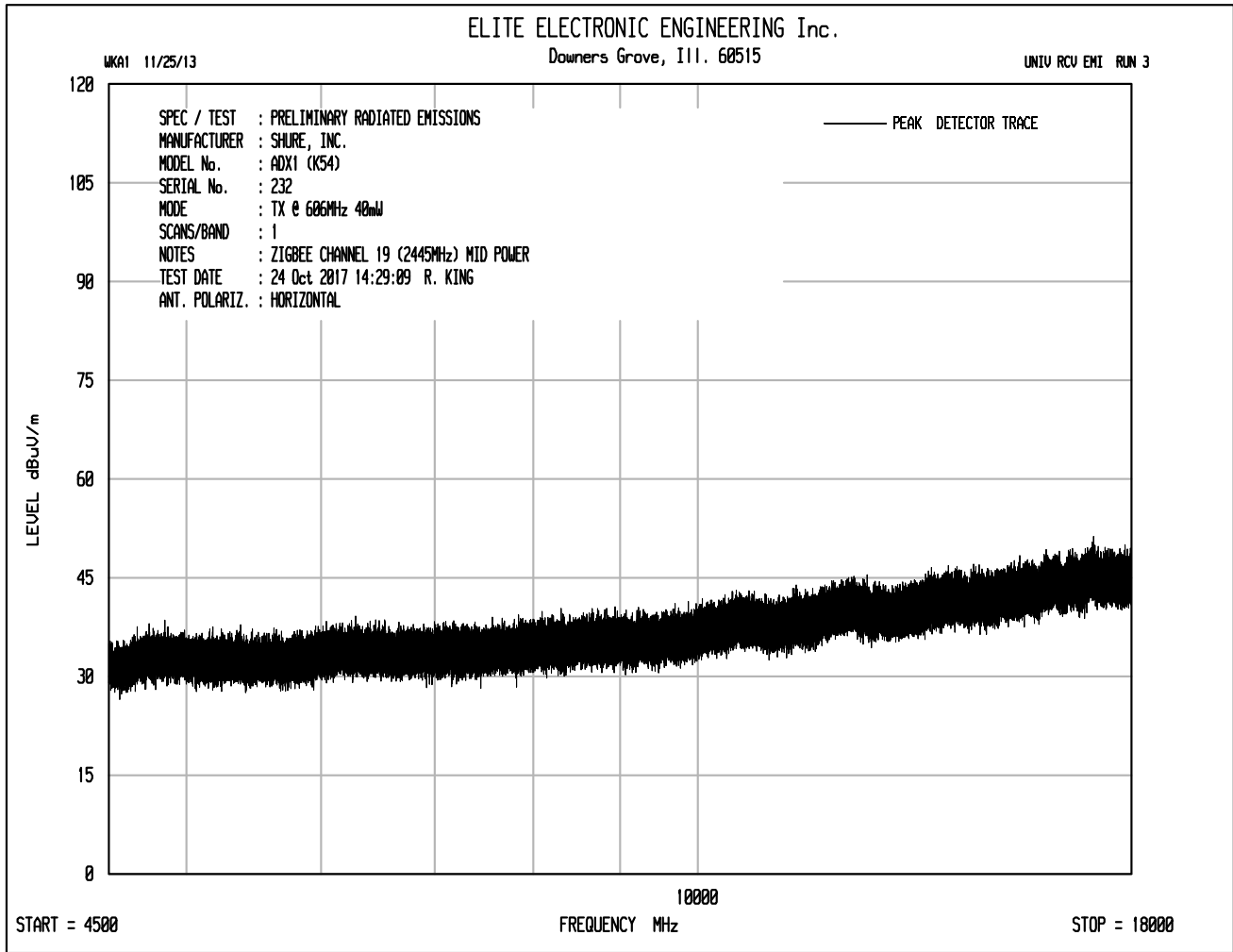
Plot shows emissions at 606MHz from UHF transmitter.

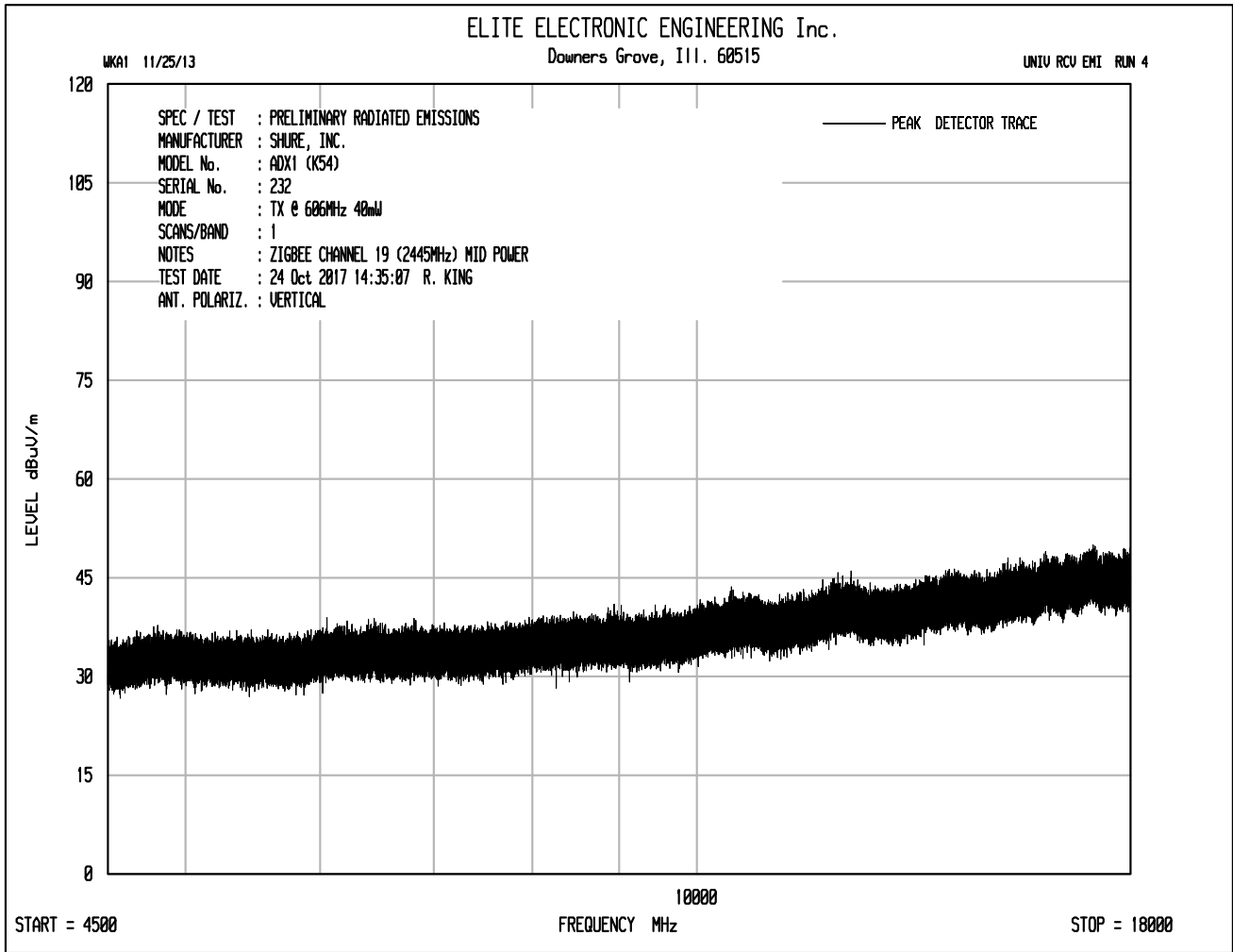


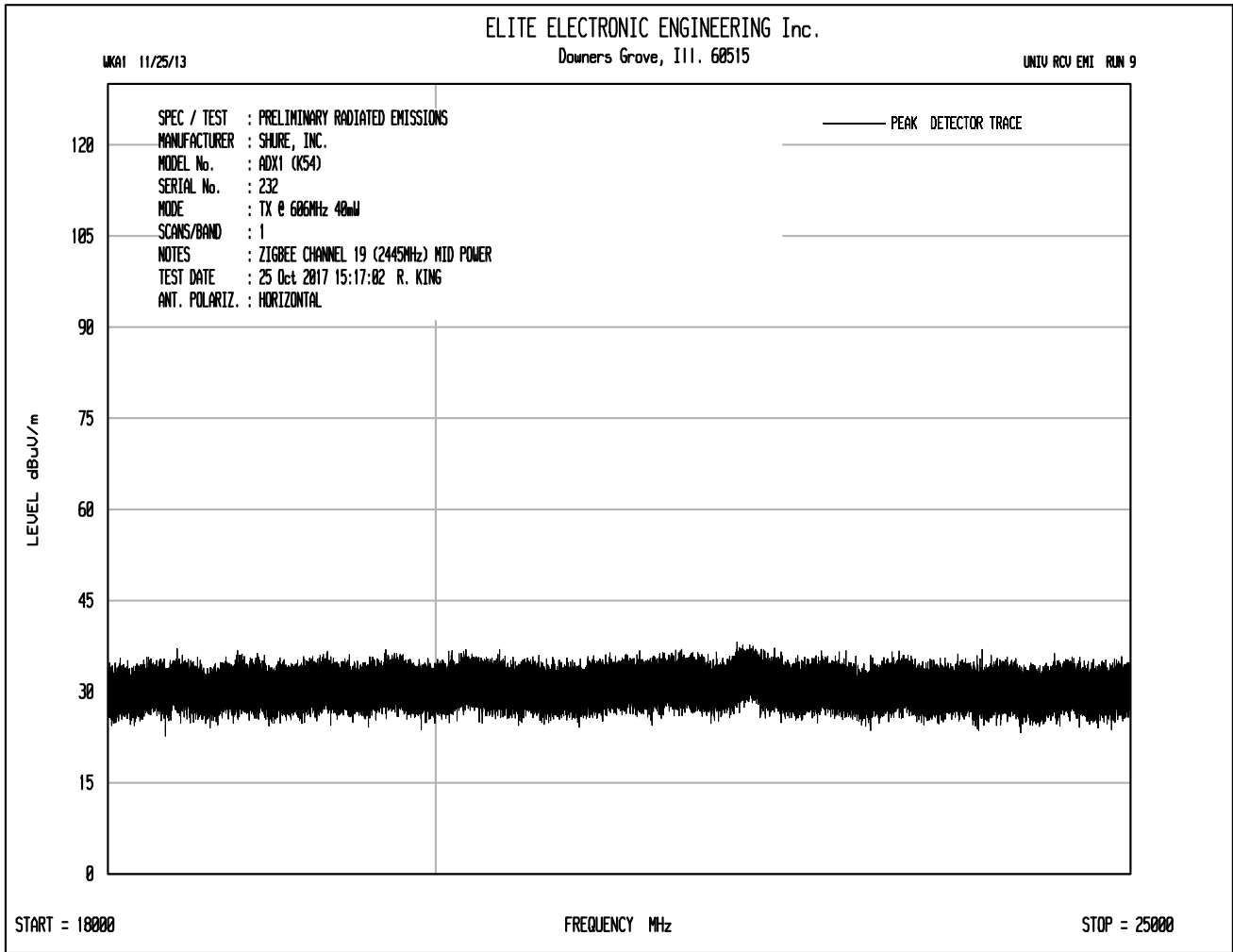
Plot shows emissions at 2445MHz from Zigbee transmitter.

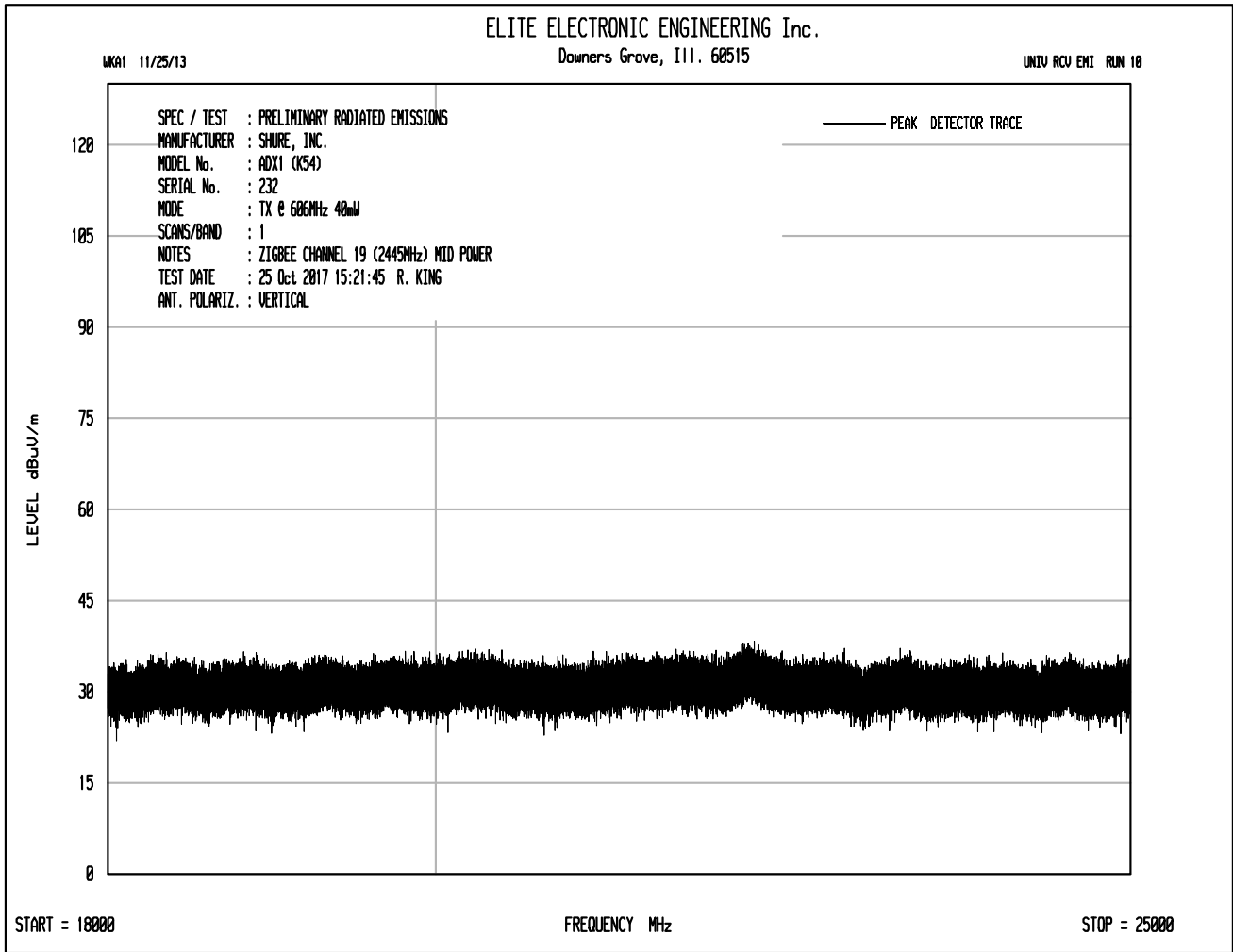


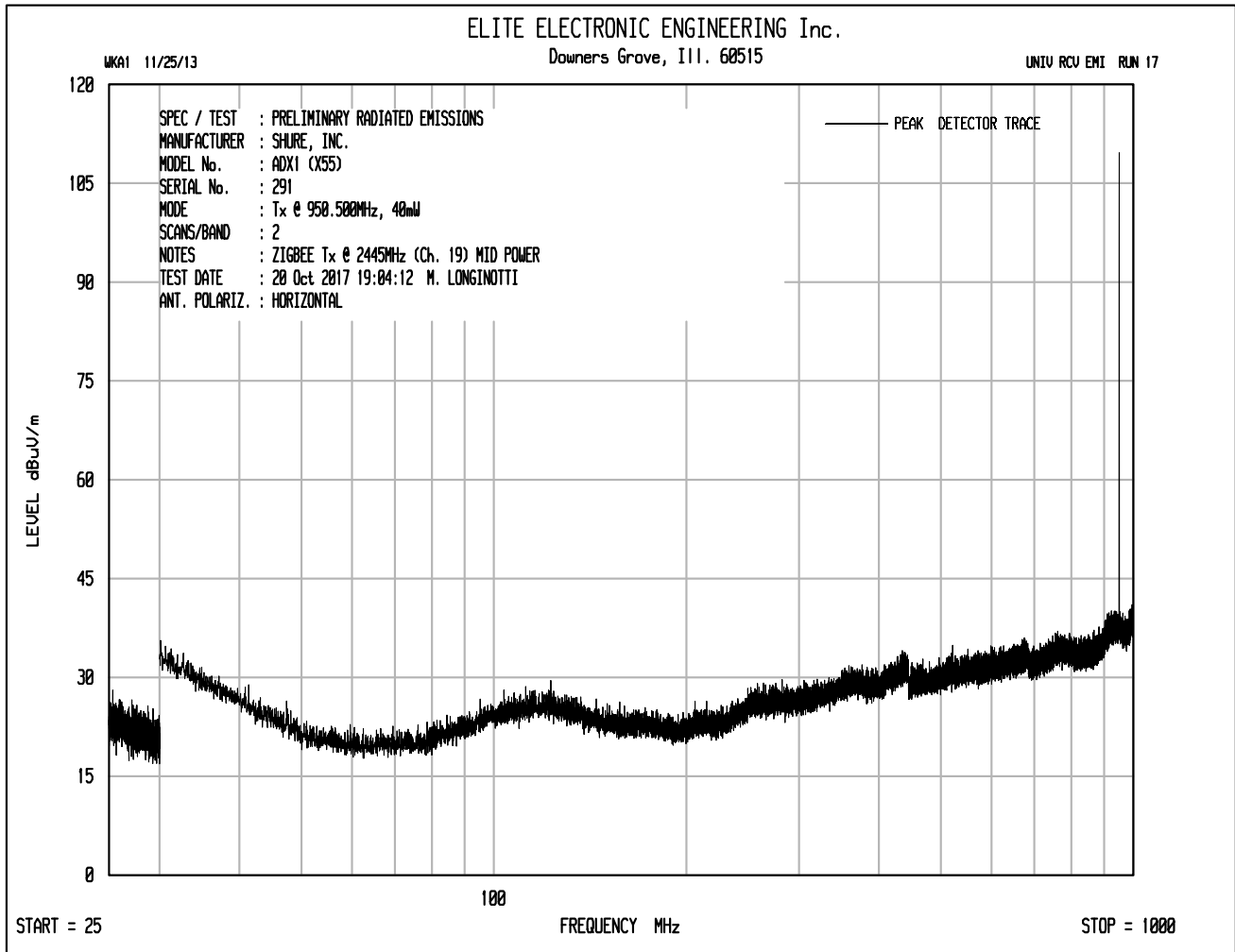
Plot shows emissions at 1212MHz (2nd harmonic of UHF transmitter of 606MHz).
 Plot shows emissions at 2445MHz from Zigbee transmitter.



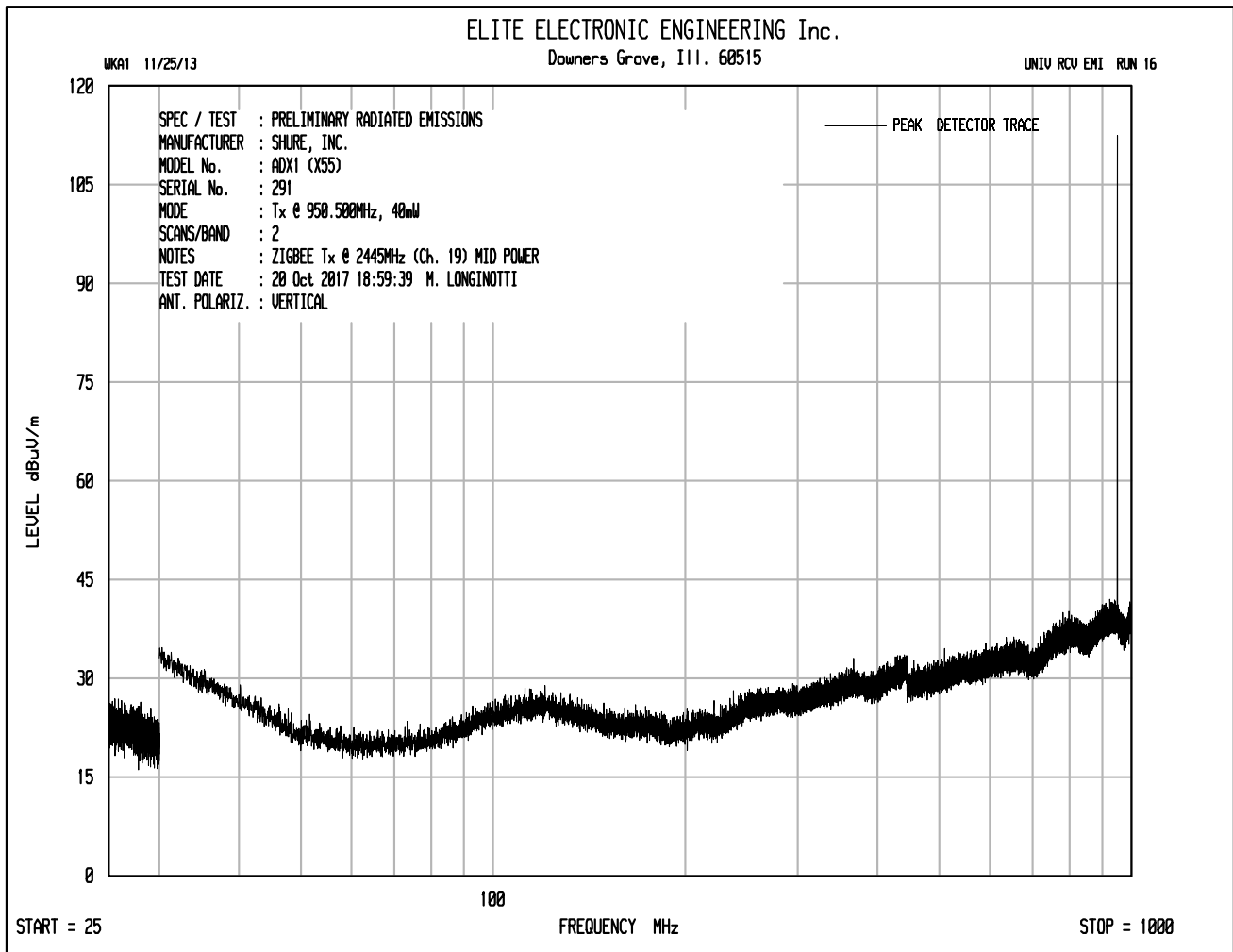




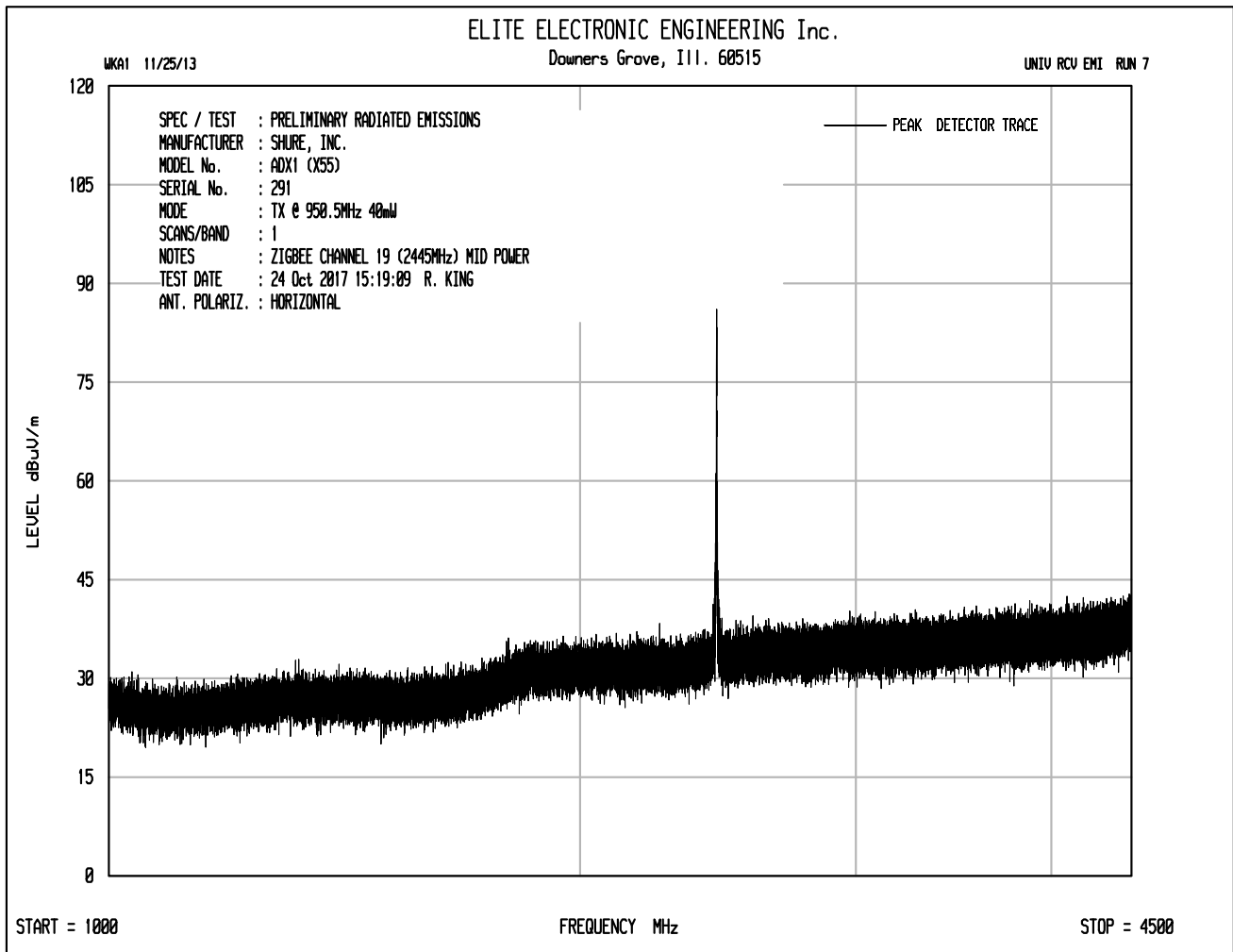




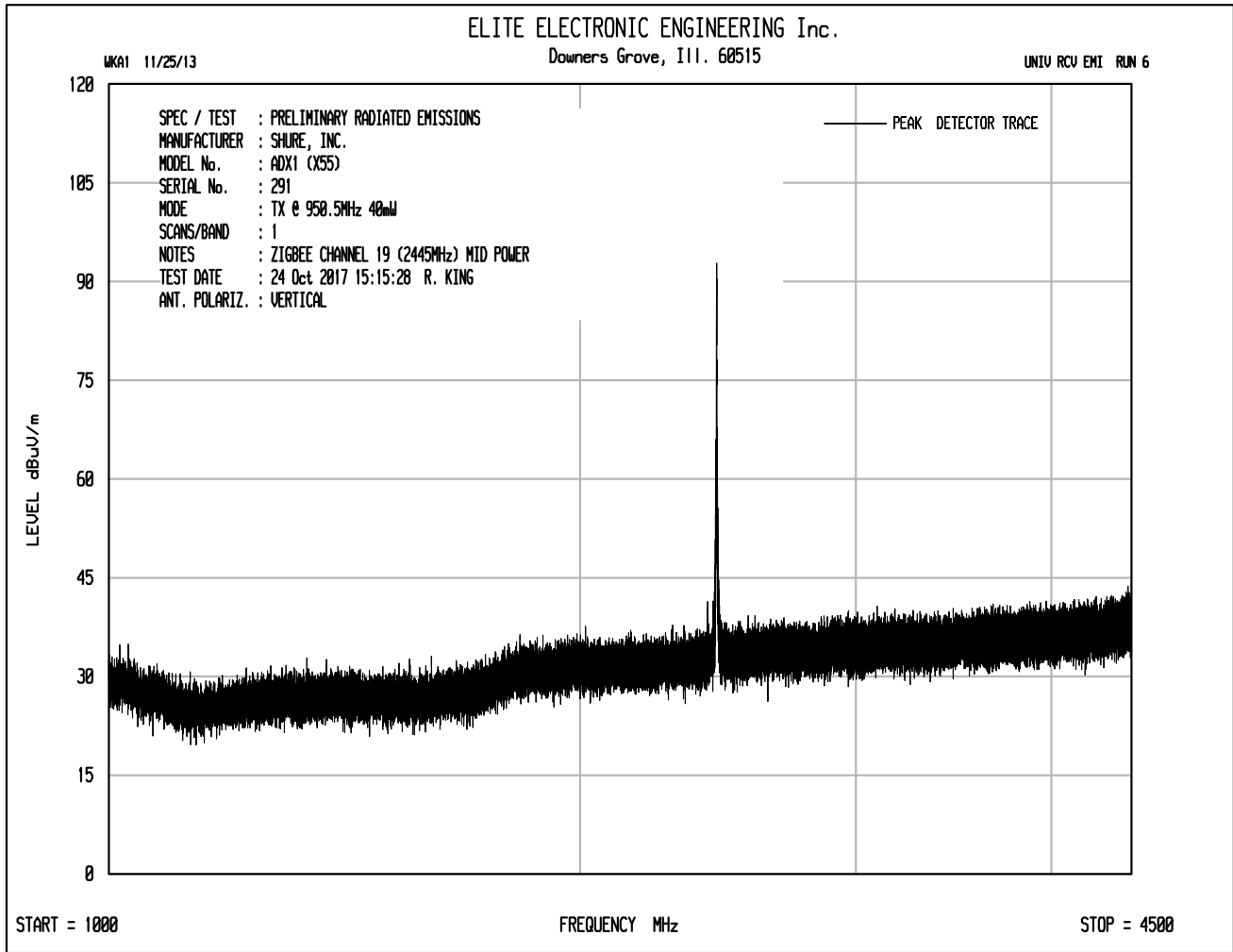
Plot shows emissions at 950.5MHz from UHF transmitter.



Plot shows emissions at 950.5MHz from UHF transmitter.



Plot shows emissions at 2445MHz from Zigbee transmitter.



Plot shows emissions at 2445MHz from Zigbee transmitter.

