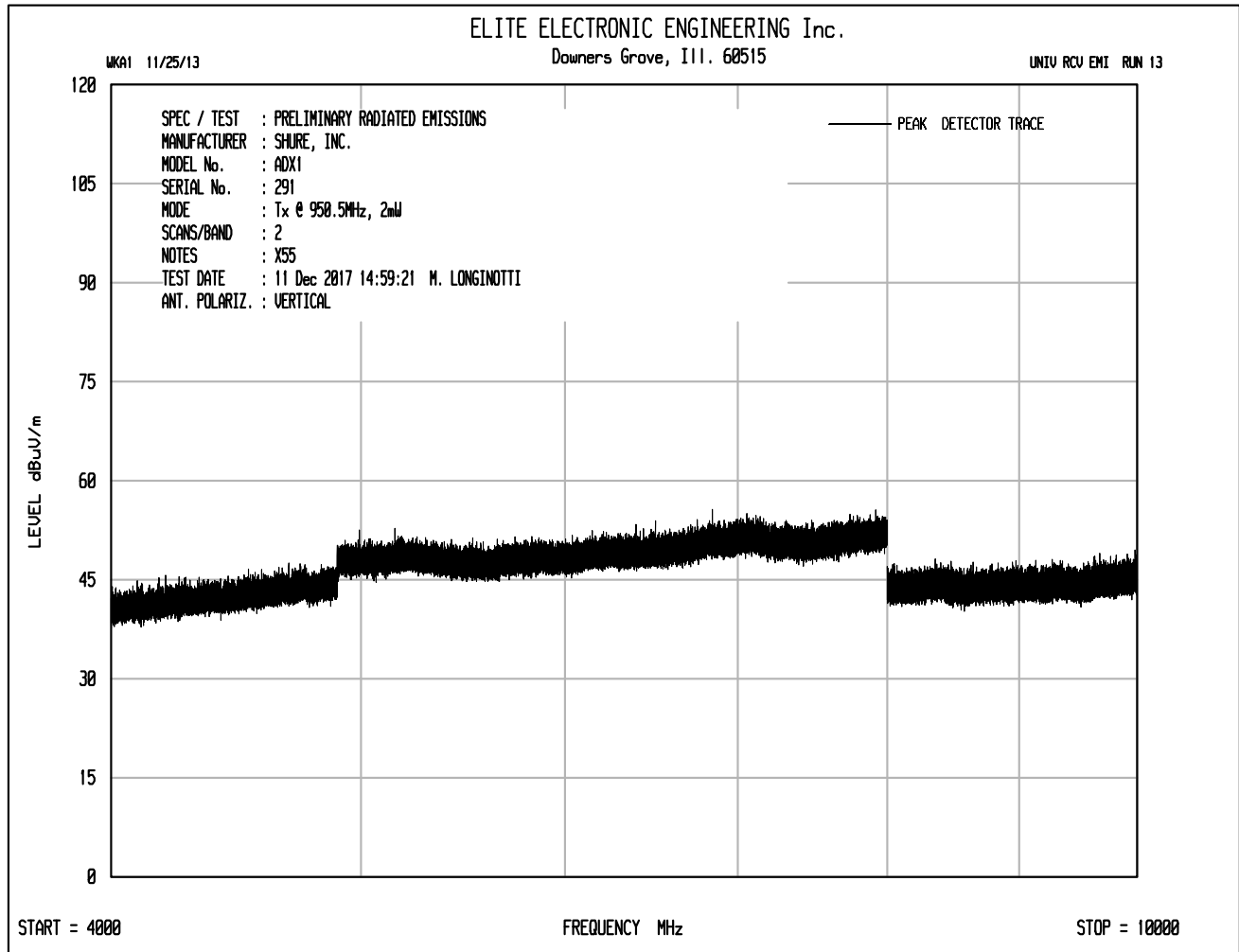
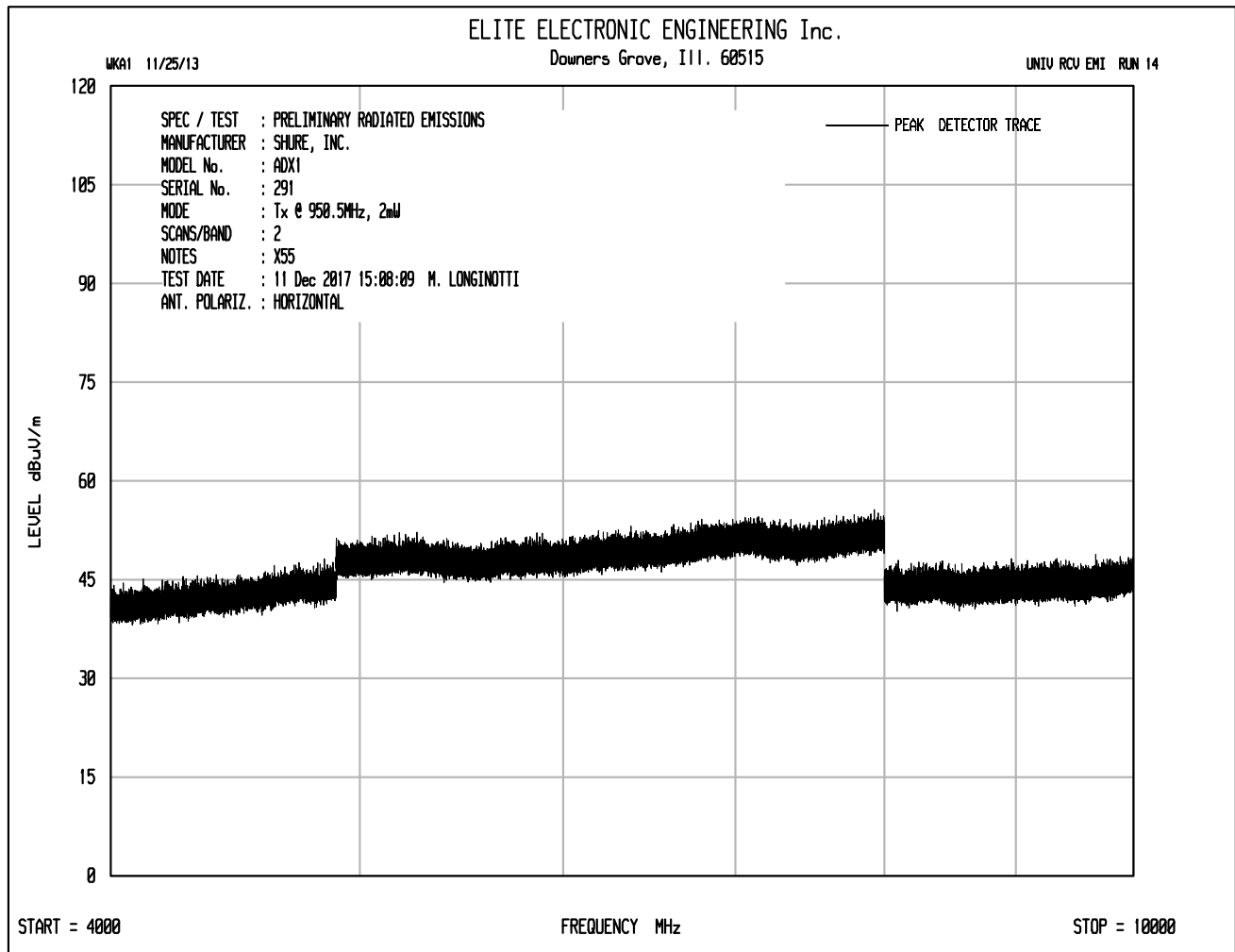








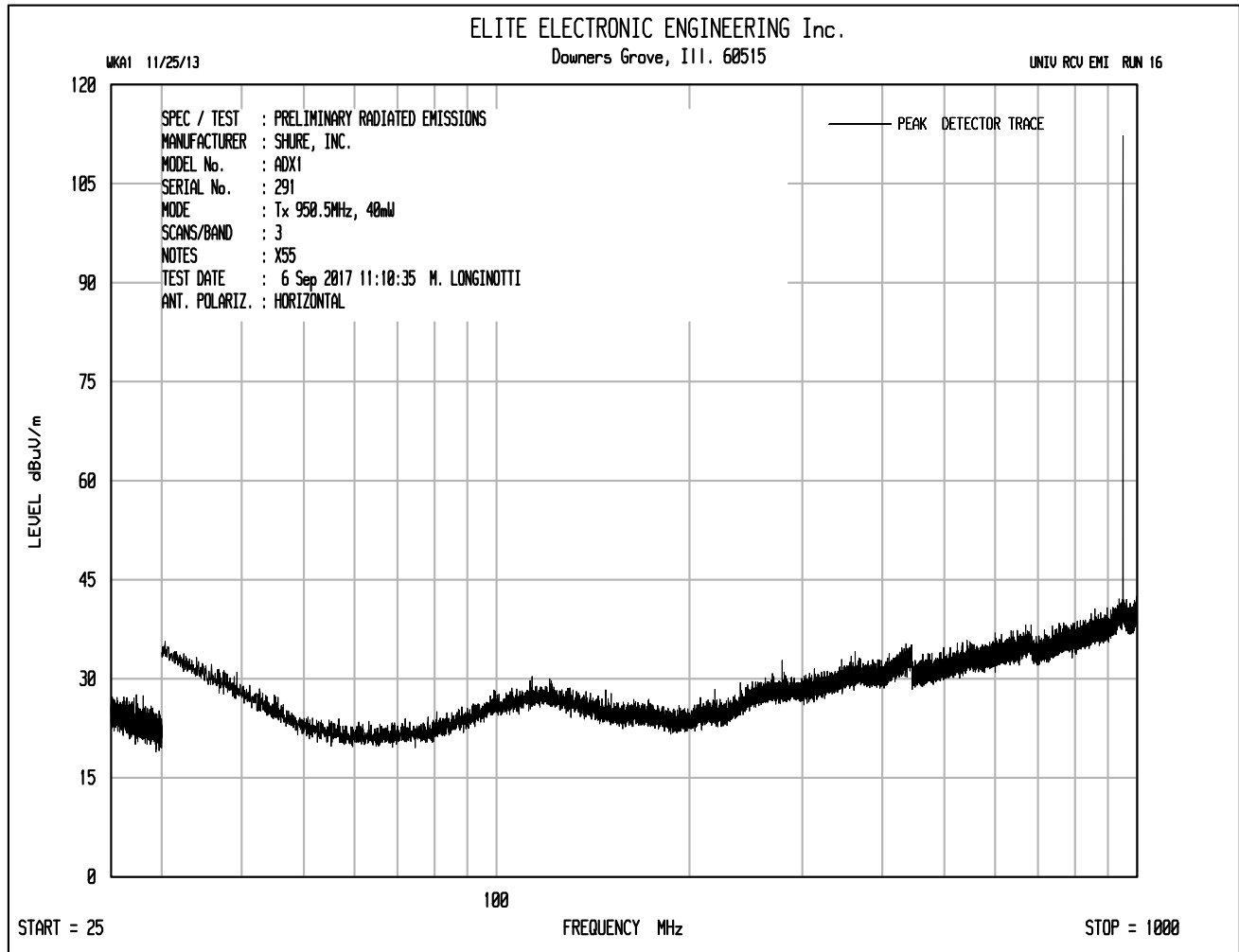
MANUFACTURER : Shure Incorporated
MODEL NO. : ADX1
SERIAL NO. : 291
SPECIFICATION : FCC 74.861(d)(4)(ii) Spurious Radiated Emissions
DATE : September 6, 2017 and September 11, 2017
MODE : Transmit at 950.500MHz
UNIT : X55
EQUIPMENT USED : NTA2,RBG2,NDQ0,GRE2, NWQ0, NWQ2
NOTES : 2mW nominal power

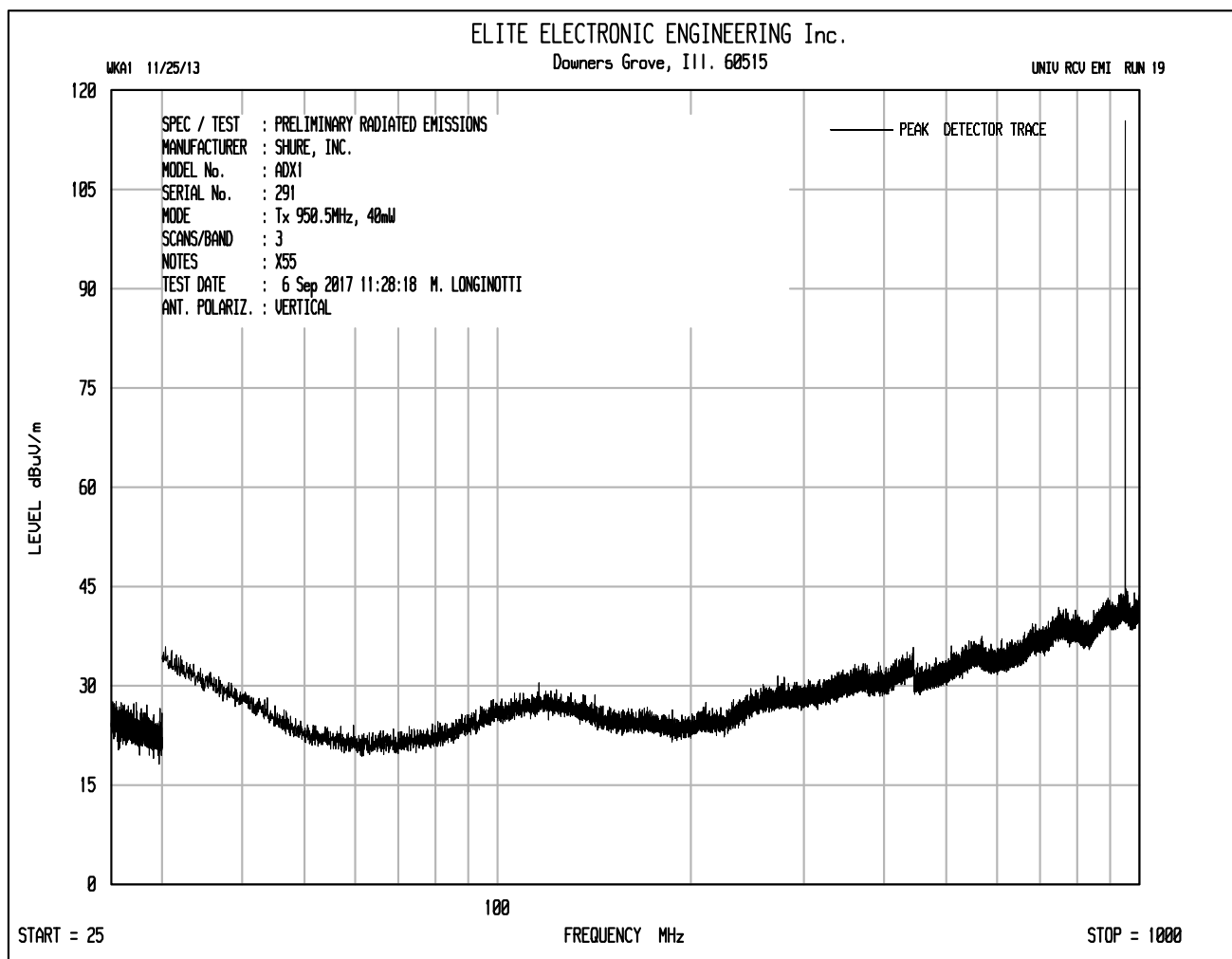
Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm)	Limit dBm	Margin dB
1901.00	H	0.3	Ambient	-66.6	4.6	3.0	-65.0	-30.0	-35.0
1901.00	V	0.3	21.80	-63.3	4.6	3.0	-61.7	-30.0	-31.7
2851.50	H	1.4	22.80	-64.0	6.7	3.8	-61.1	-30.0	-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

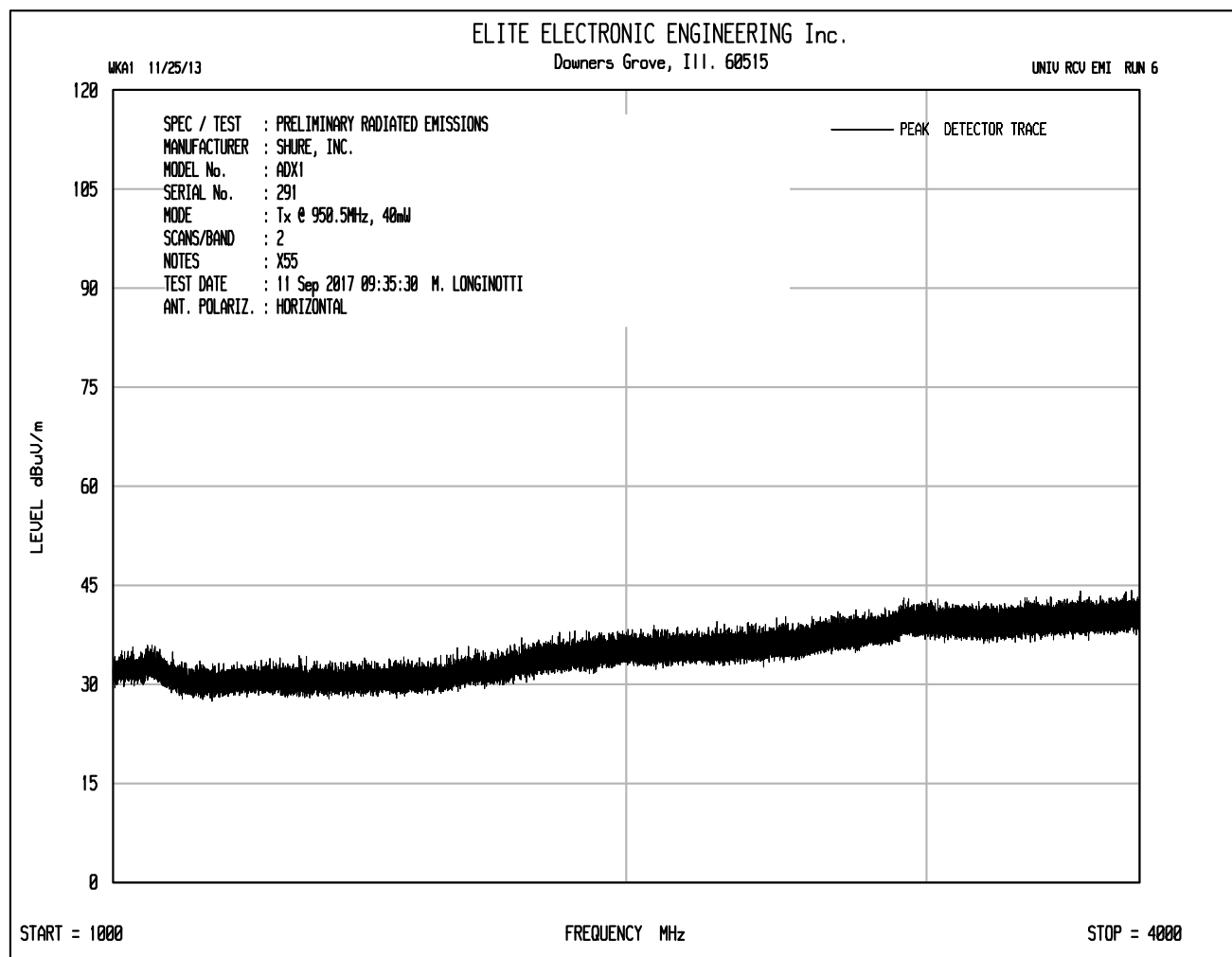
ERP (dBm) = Matched Sig. (dBm) + Equivalent Antenna Gain (dB) – Cable Loss (dB)

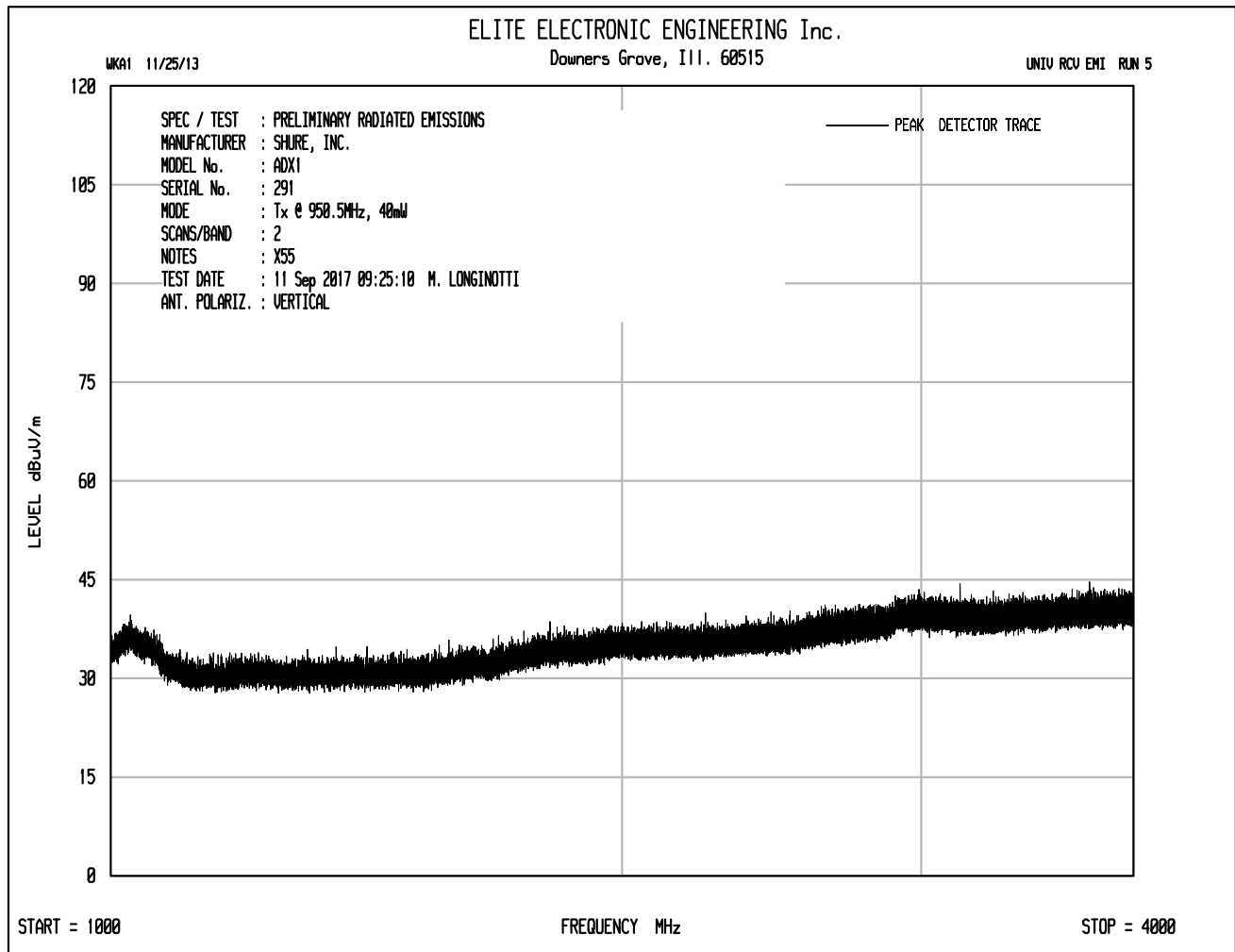
Checked By:

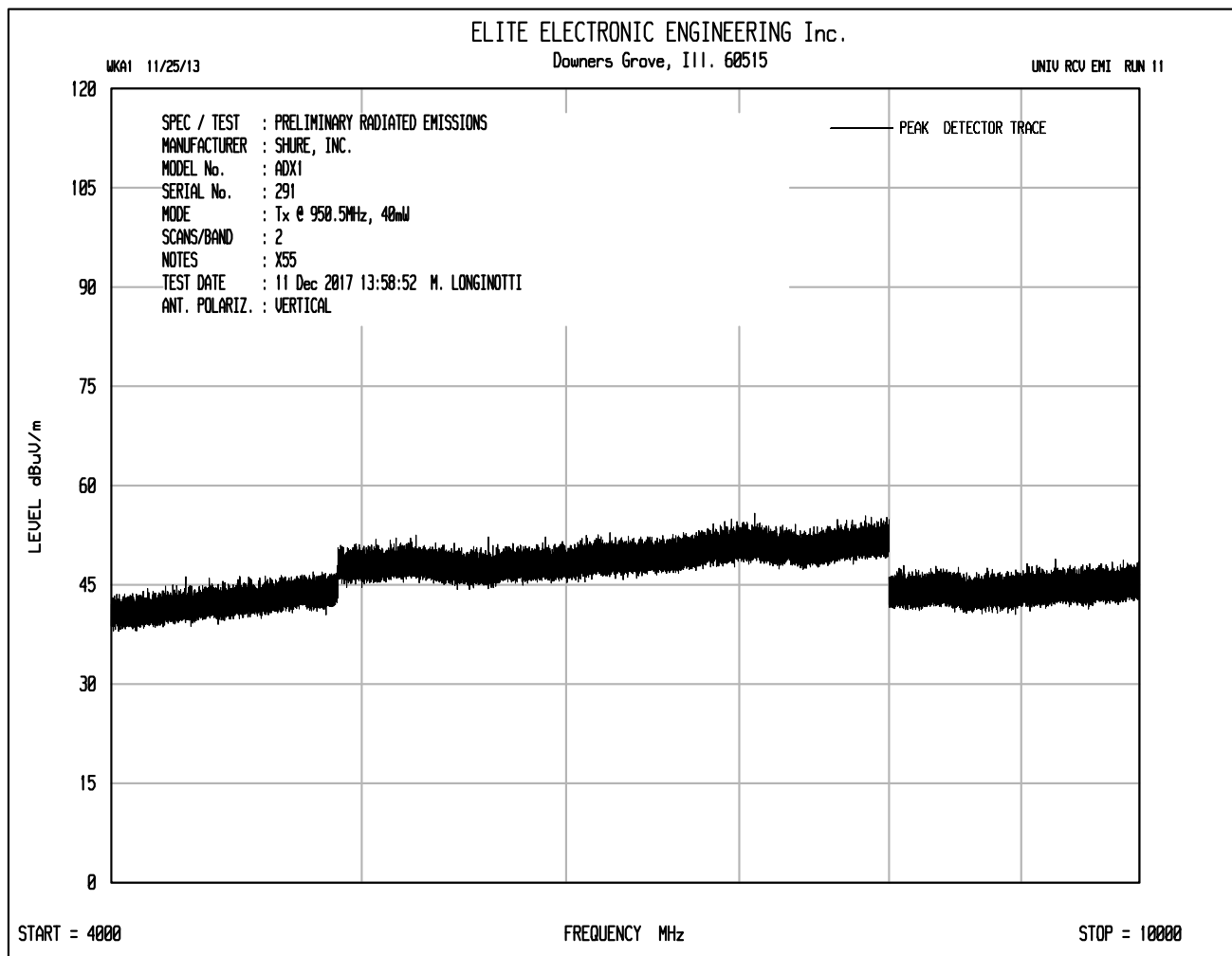
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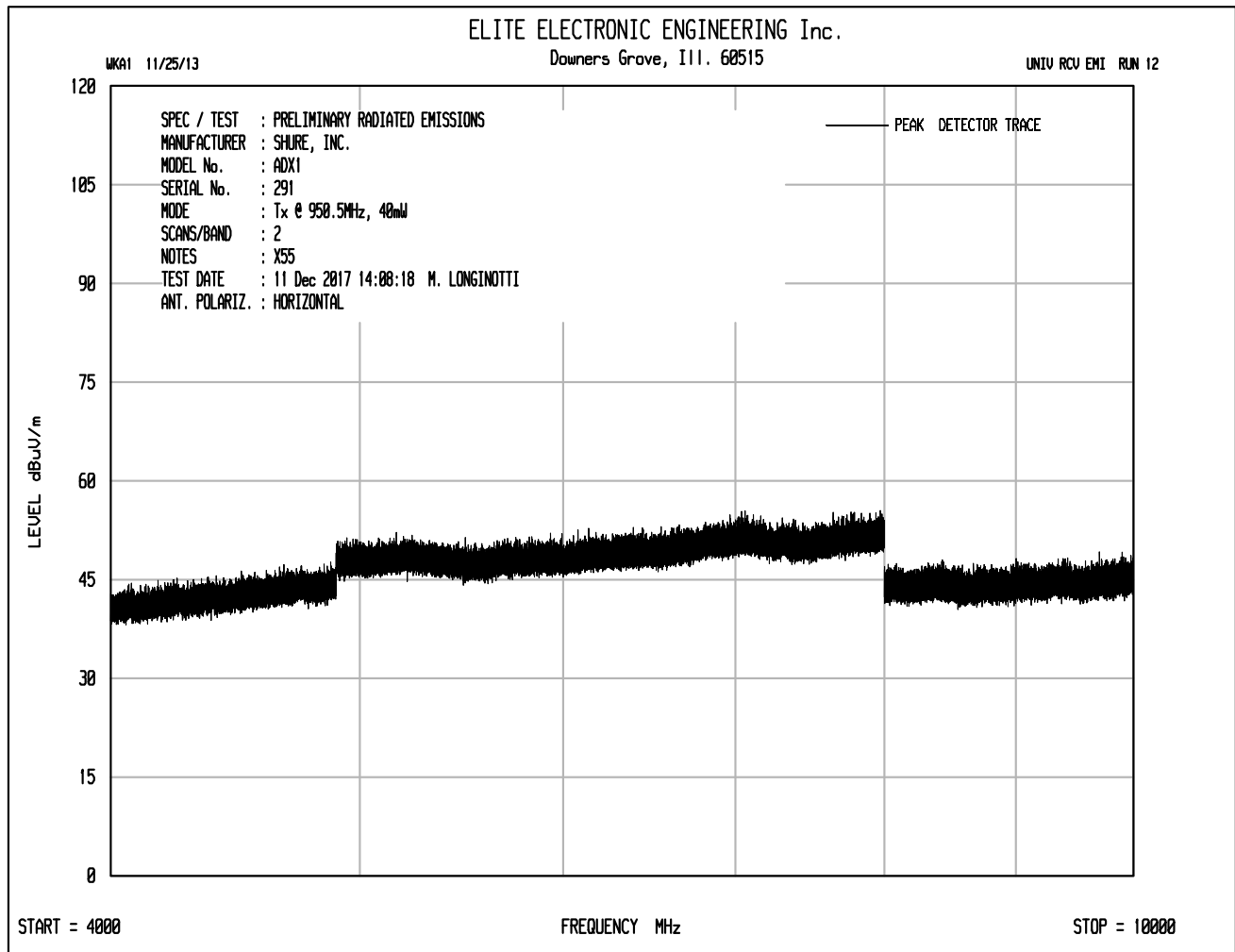














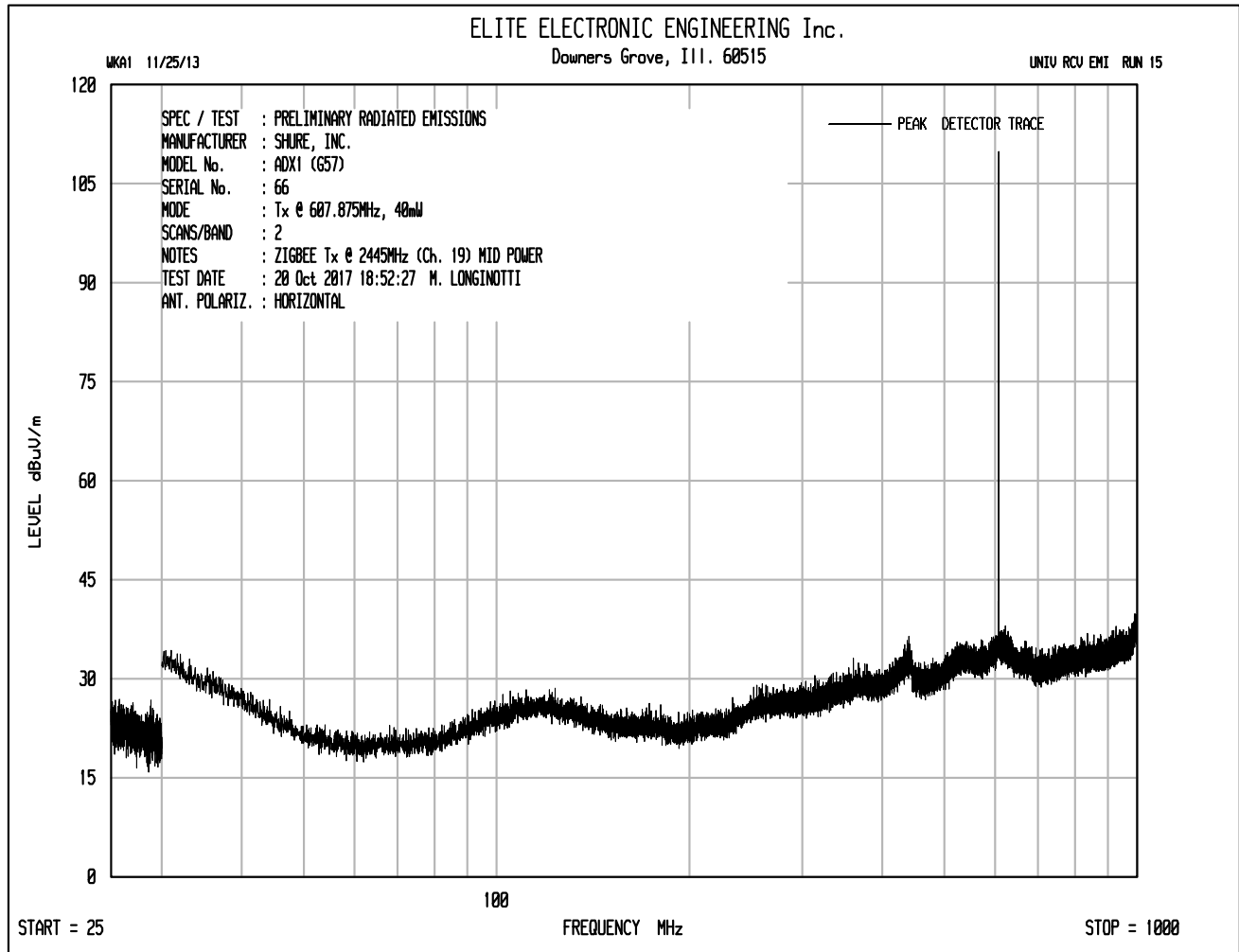
MANUFACTURER : Shure Incorporated
MODEL NO. : ADX1
SERIAL NO. : 291
SPECIFICATION : FCC 74.861(d)(4)(ii) Spurious Radiated Emissions
DATE : September 6, 2017 and September 11, 2017
MODE : Transmit at 950.500MHz
UNIT : X55
EQUIPMENT USED : NTA2,RBG2,NDQ0,GRE2, NWQ0, NWQ2
NOTES : 40mW nominal power

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

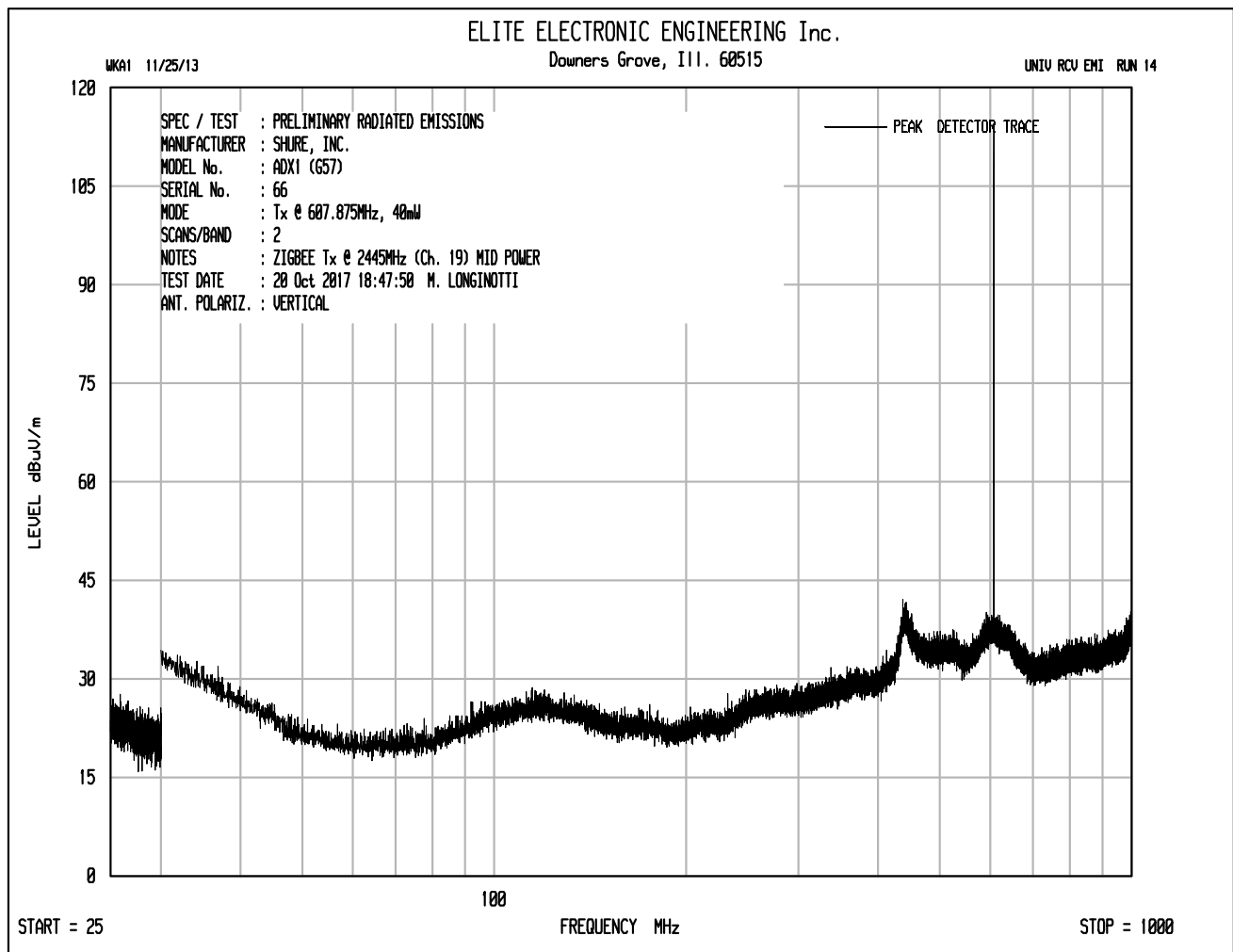
ERP (dBm) = Matched Sig. (dBm) + Equivalent Antenna Gain (dB) – Cable Loss (dB)

Checked By:

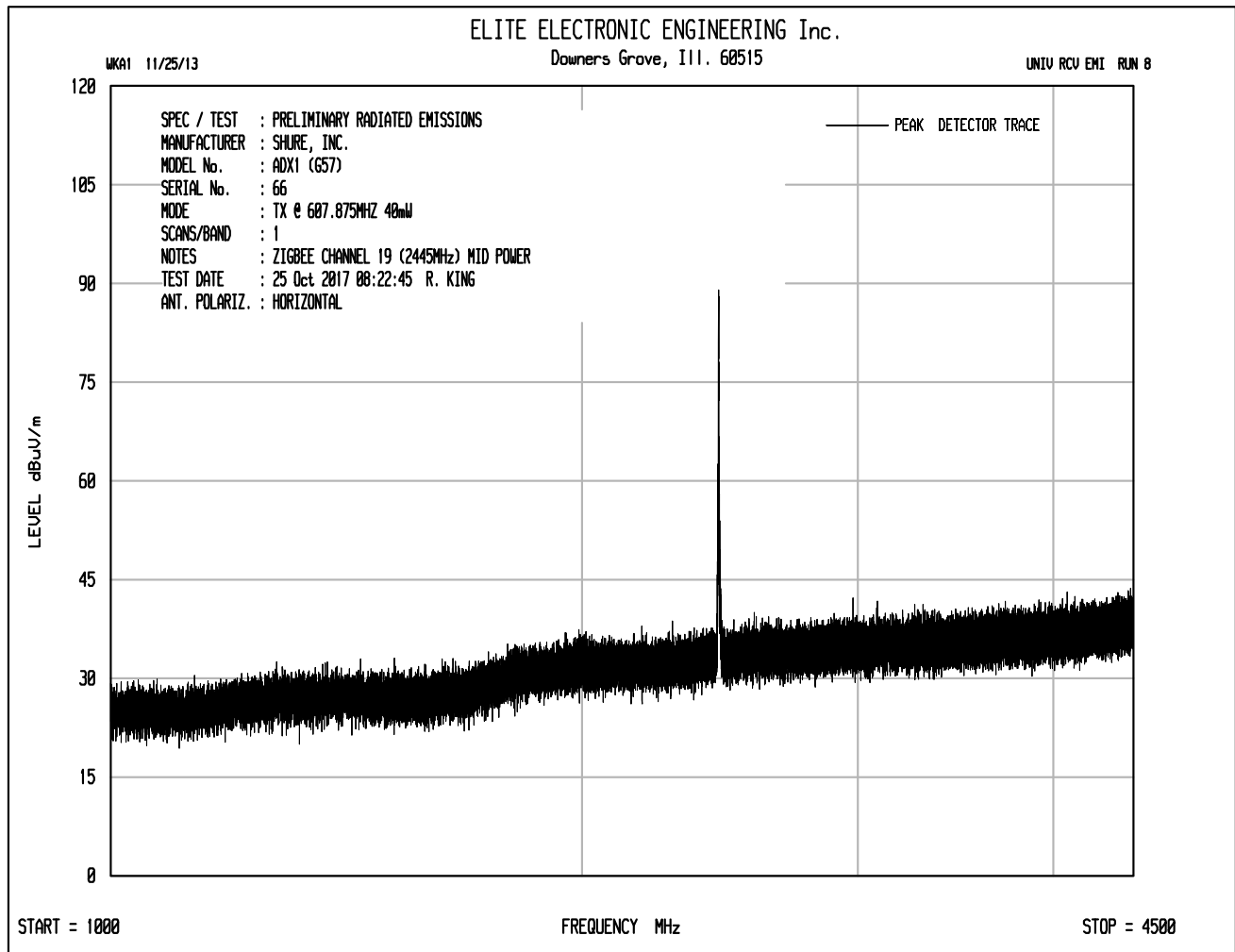
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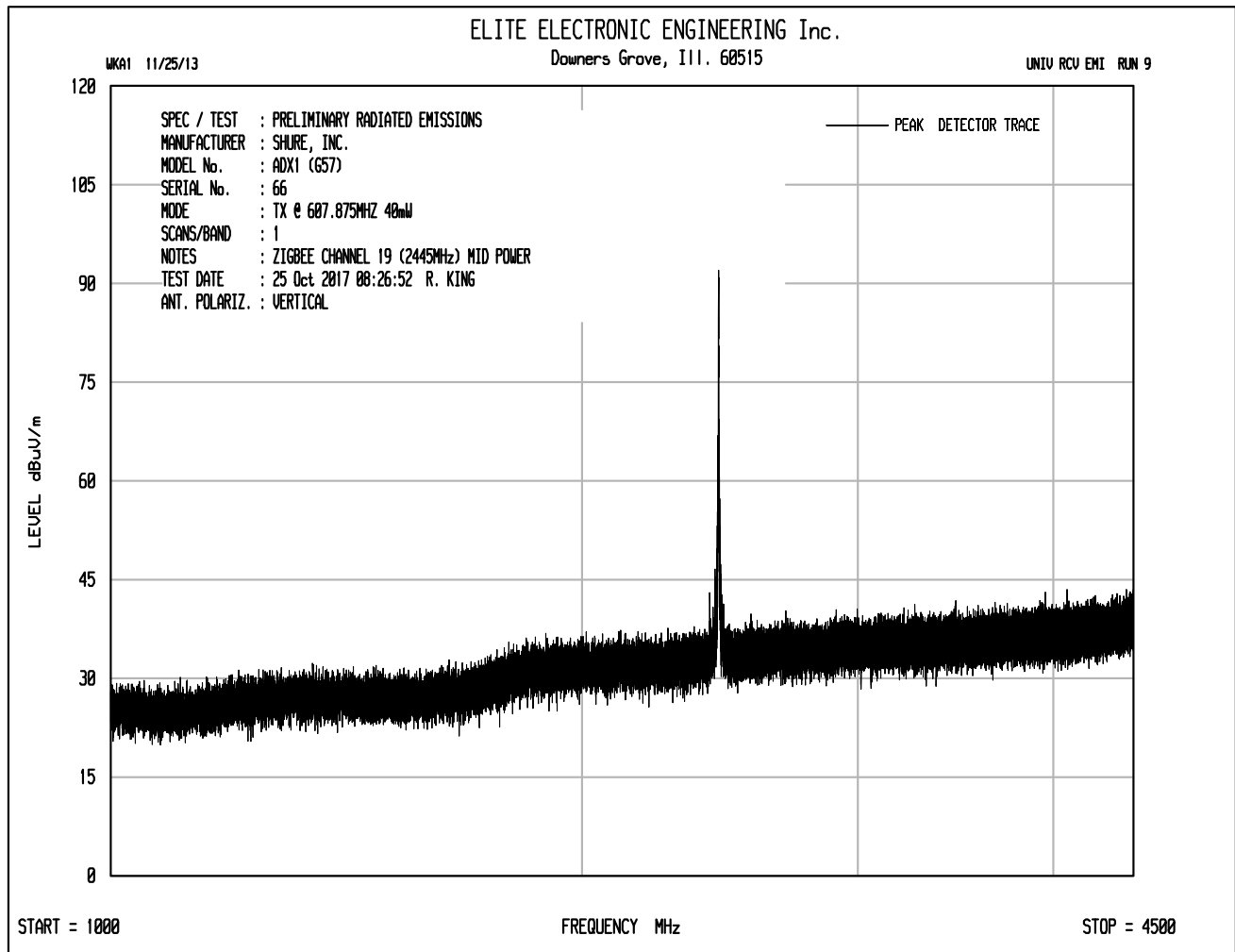
Plot shows emissions at 607.875MHz from UHF transmitter.



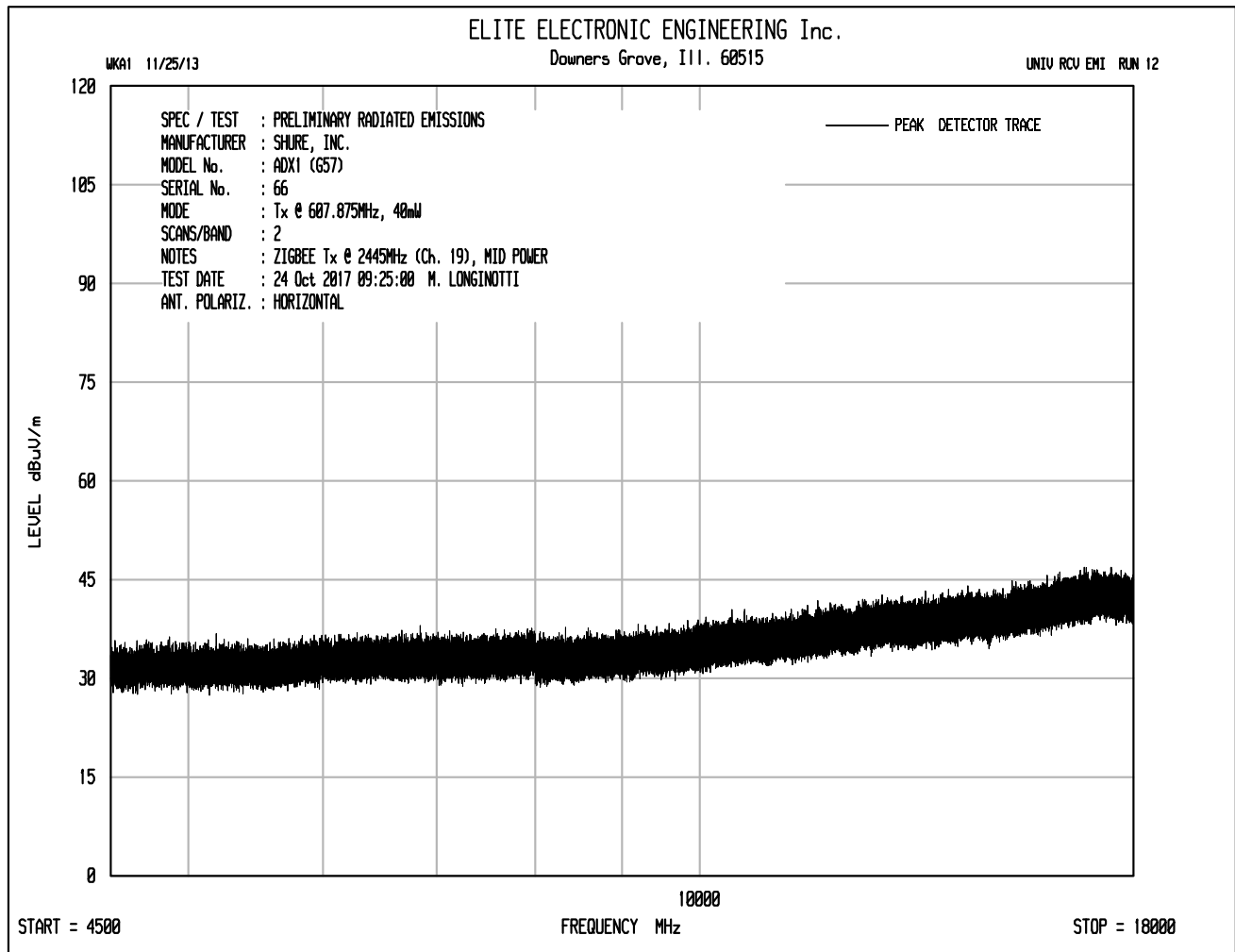
Plot shows emissions at 607.875MHz from UHF transmitter.

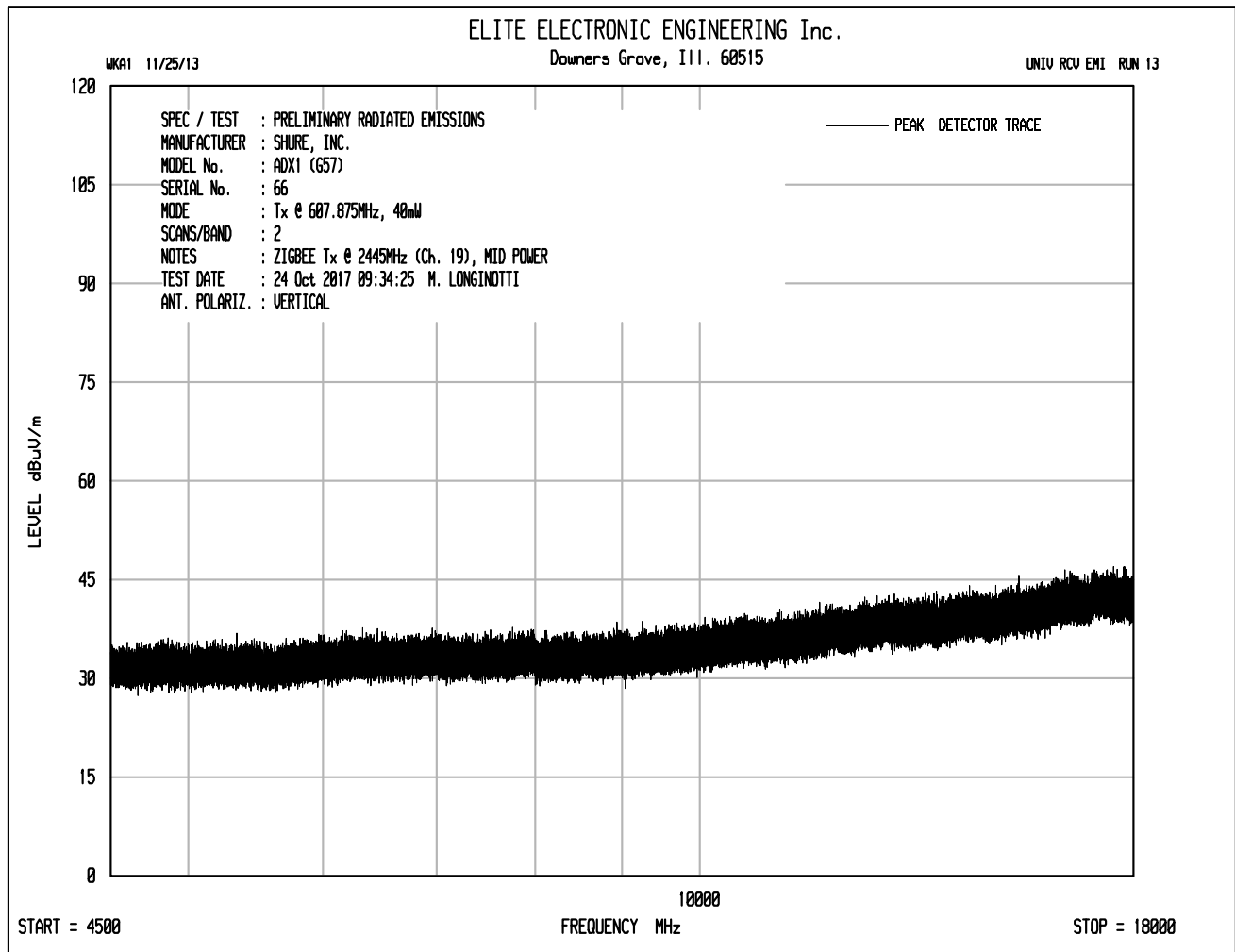


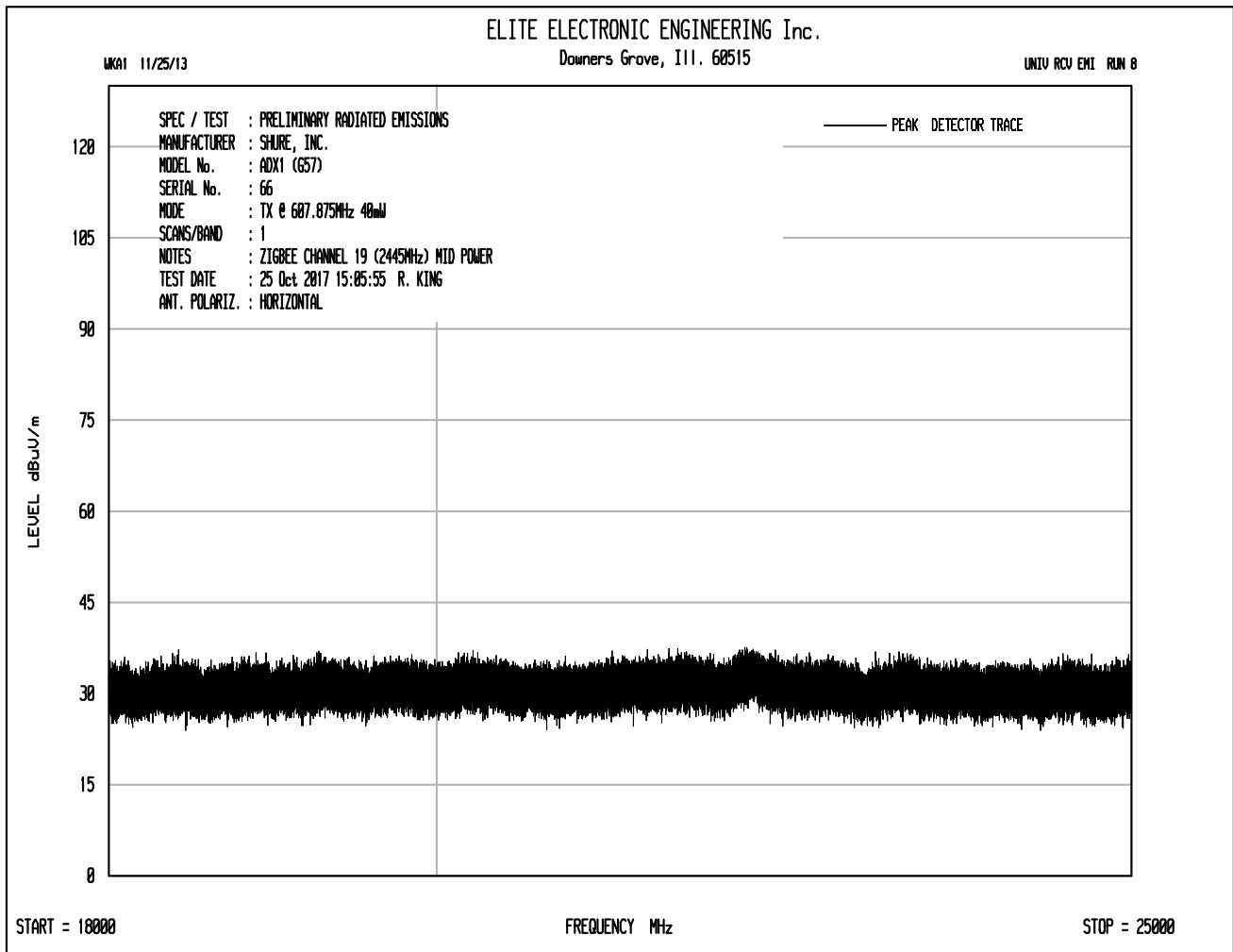
Plot shows emissions at 2445MHz from Zigbee transmitter.

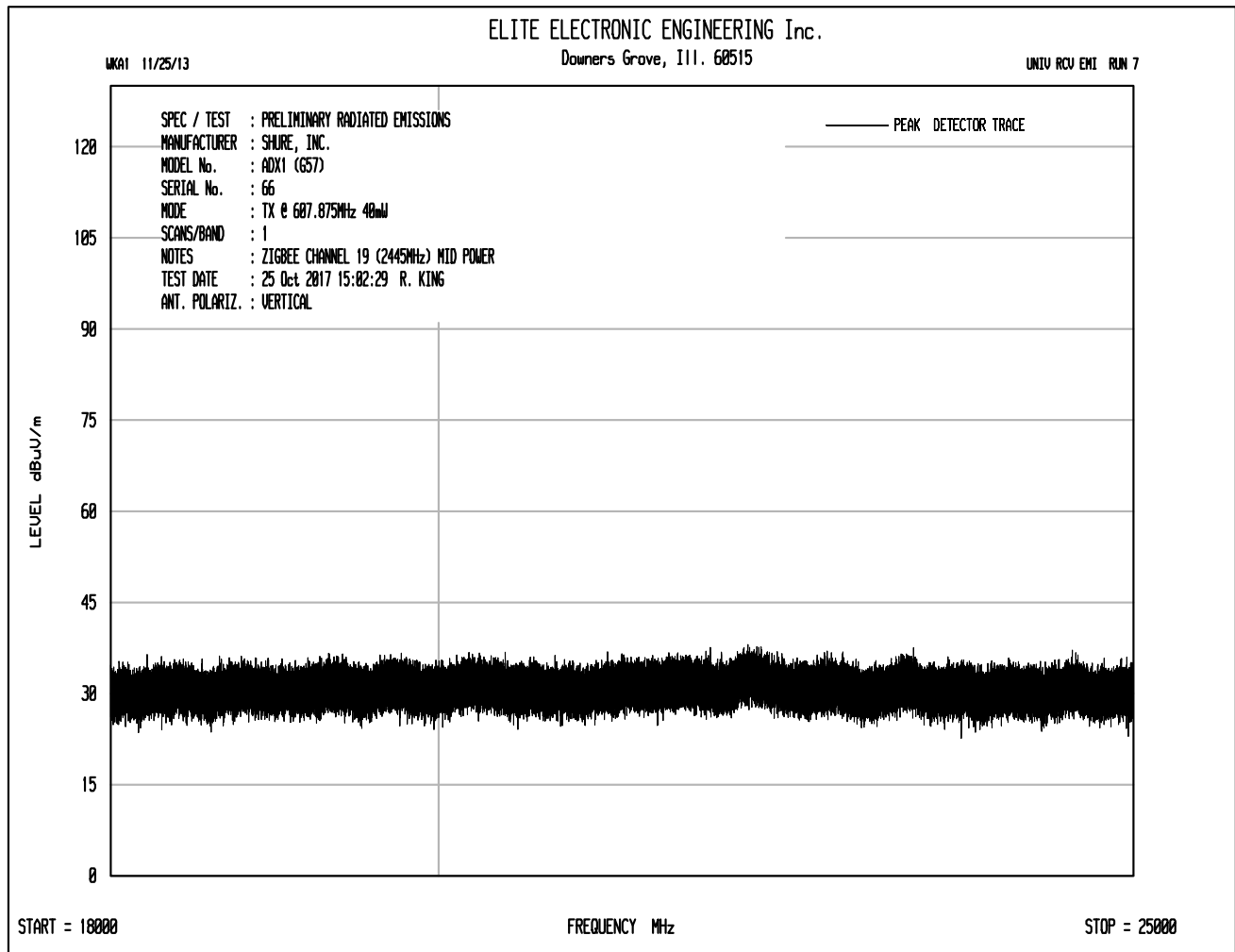


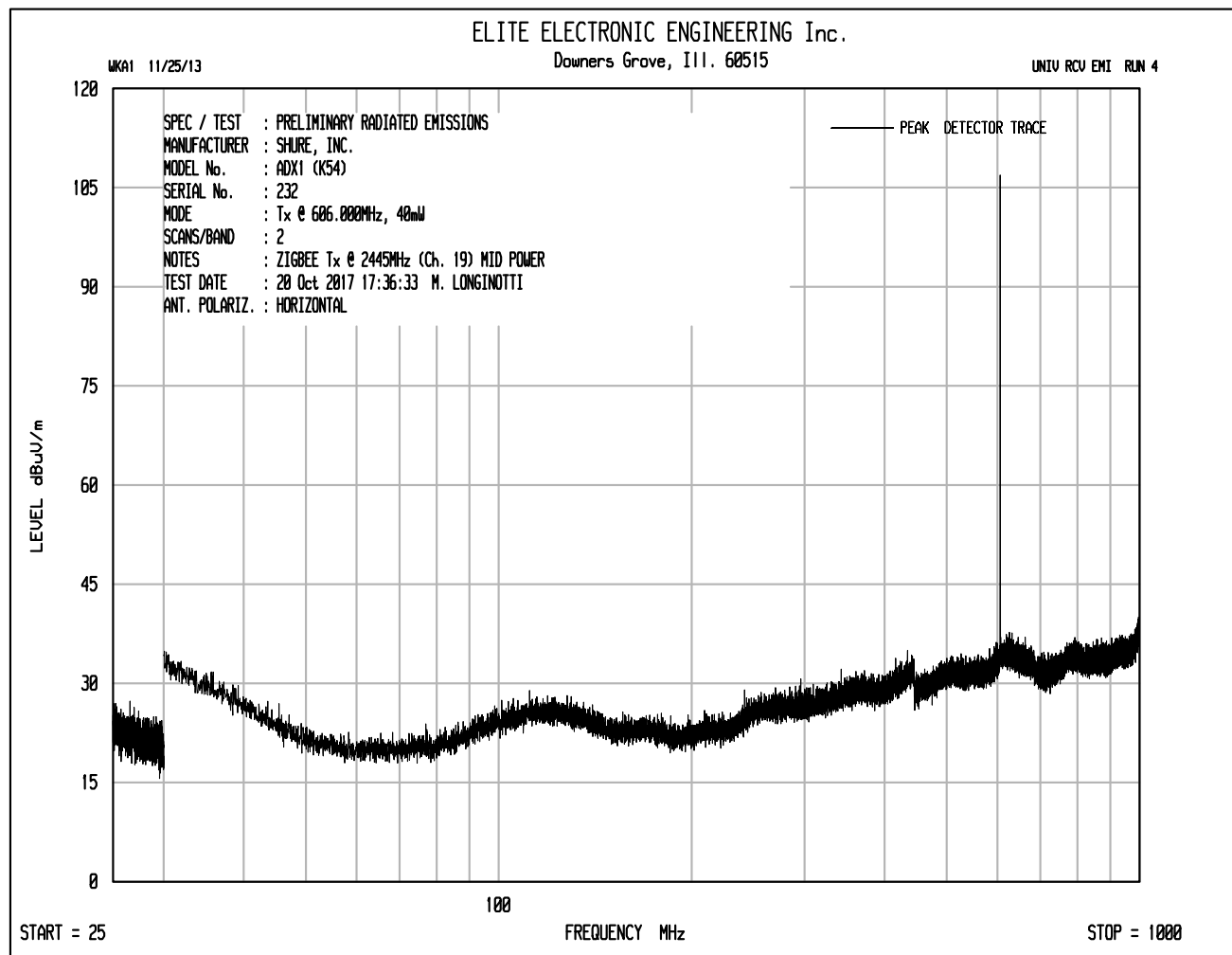
Plot shows emissions at 2445MHz from Zigbee transmitter.



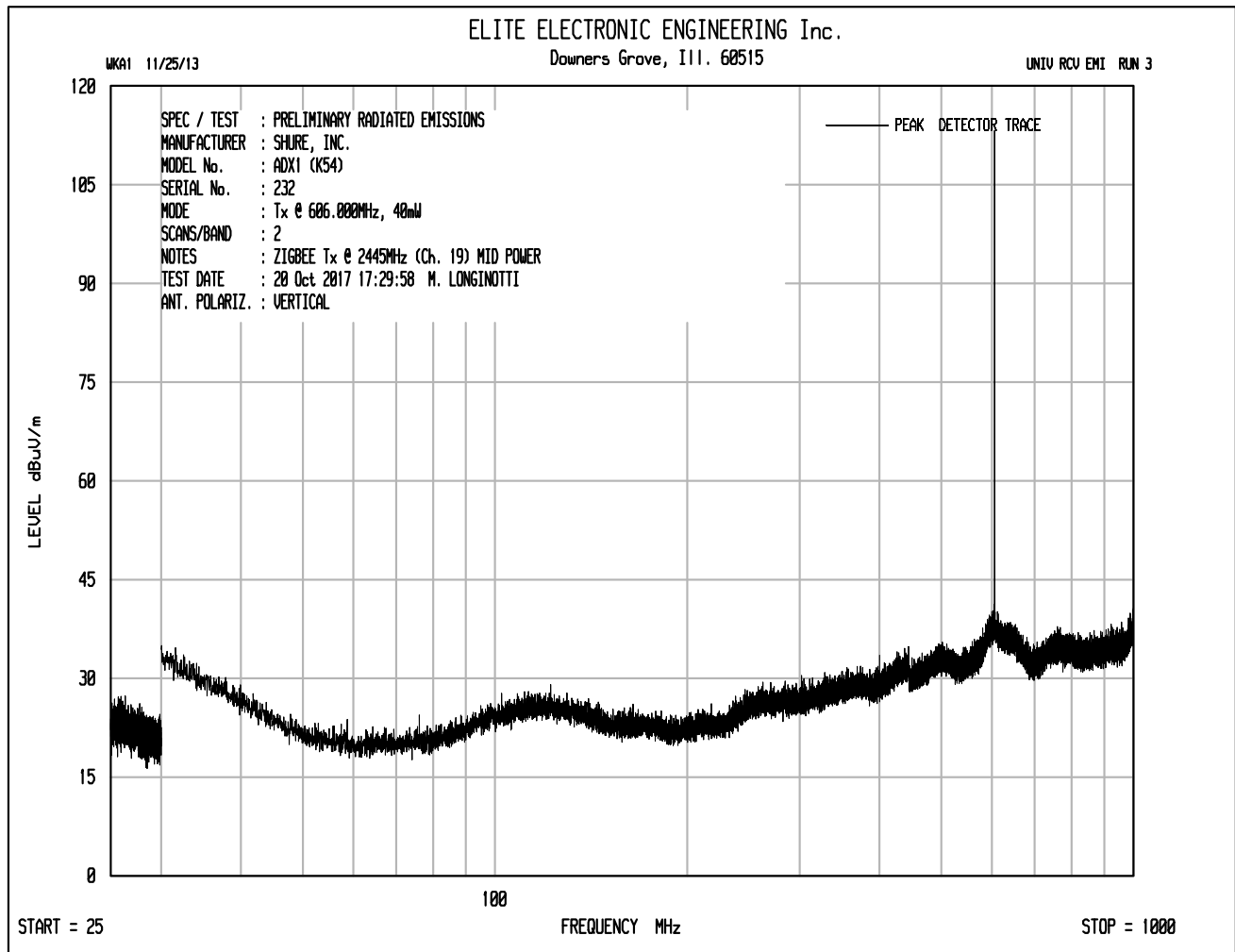




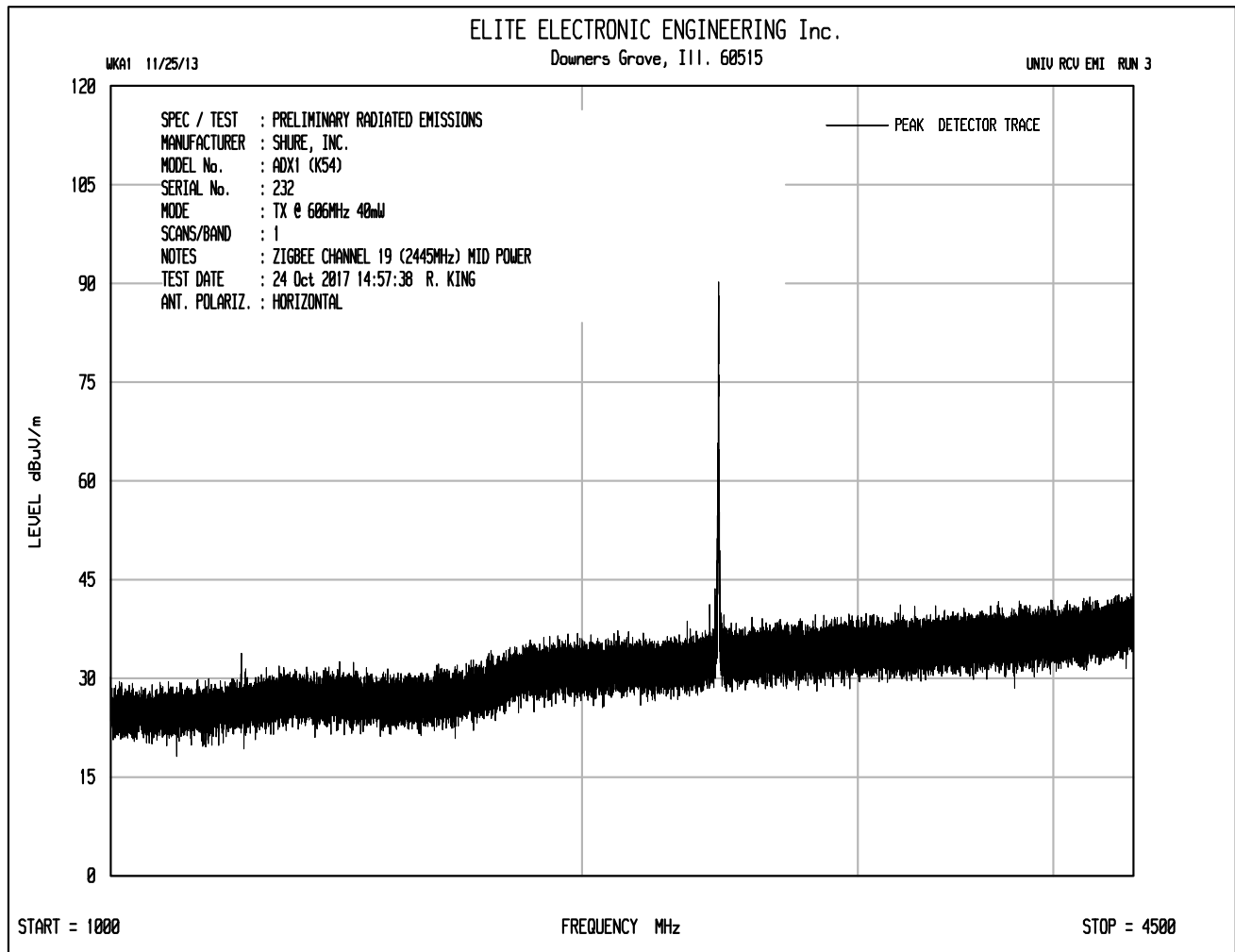




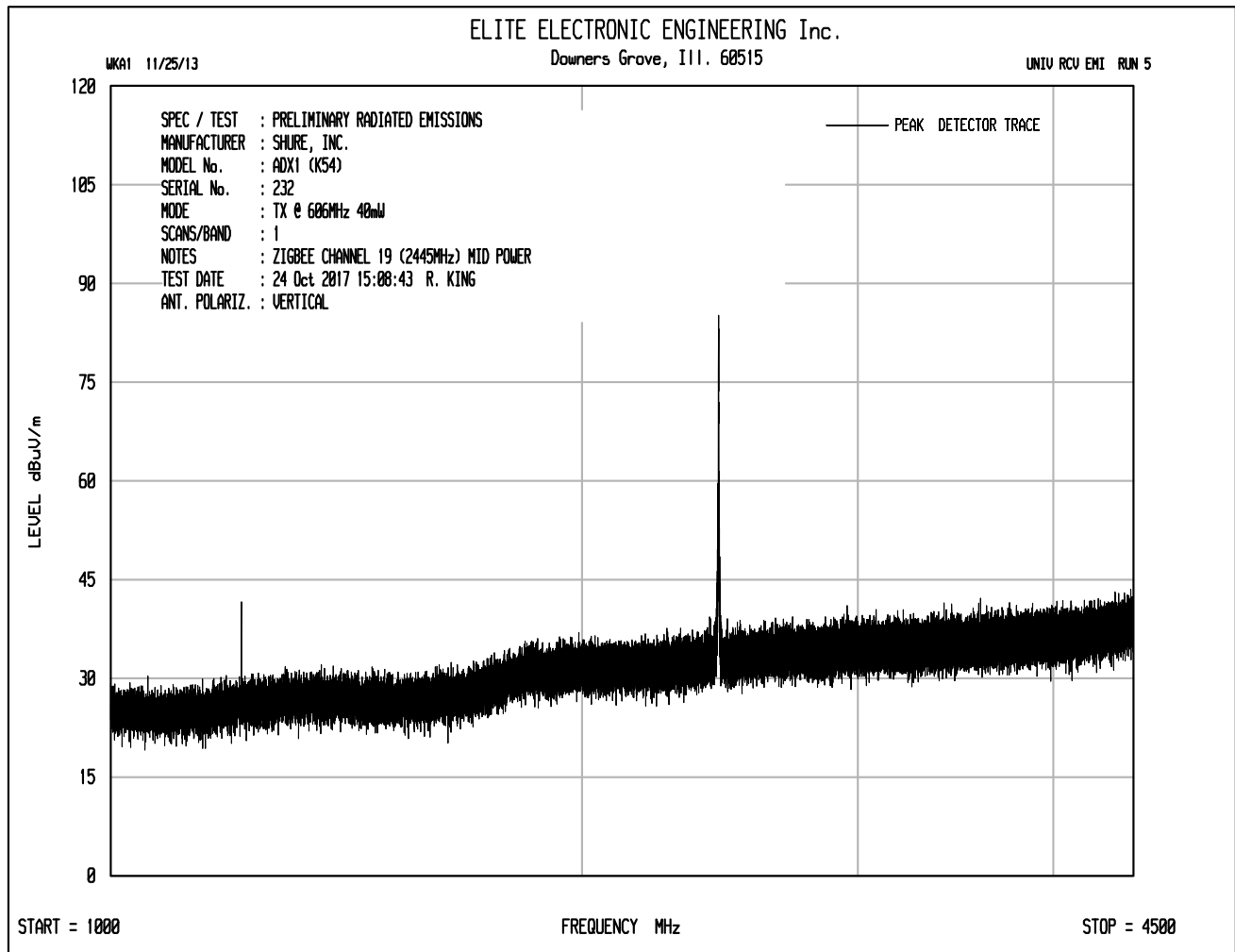
Plot shows emissions at 606MHz from UHF transmitter.



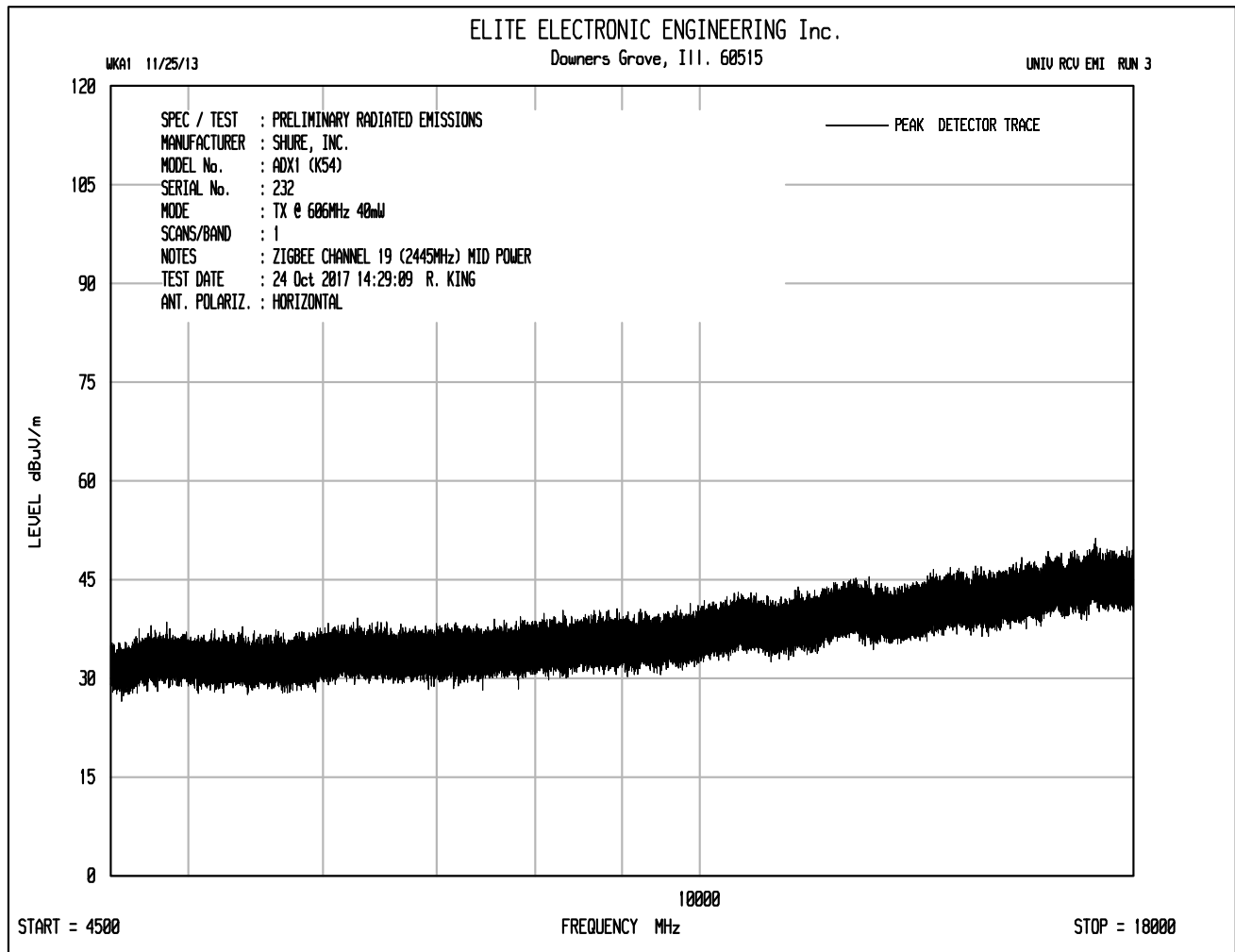
Plot shows emissions at 606MHz from UHF transmitter.

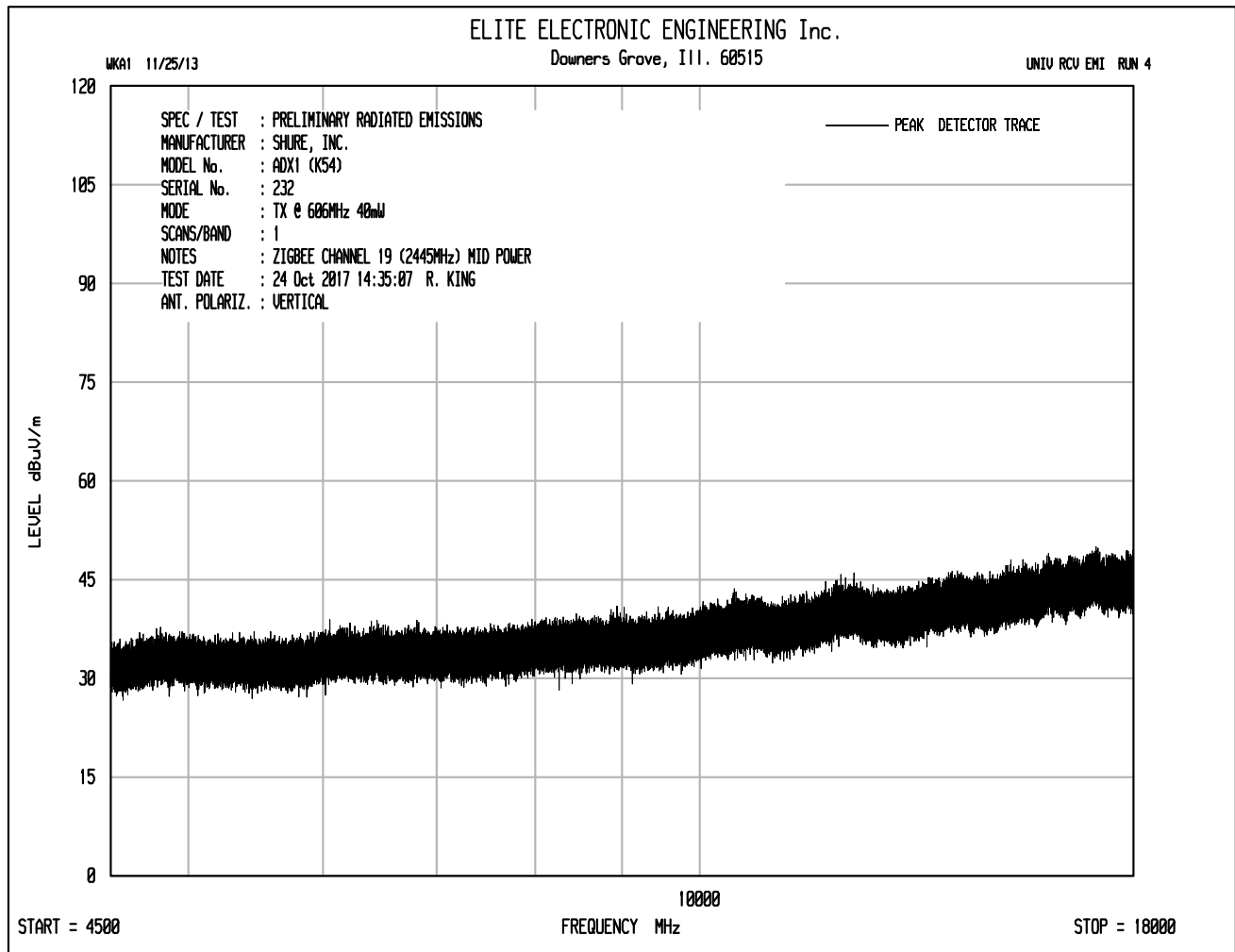


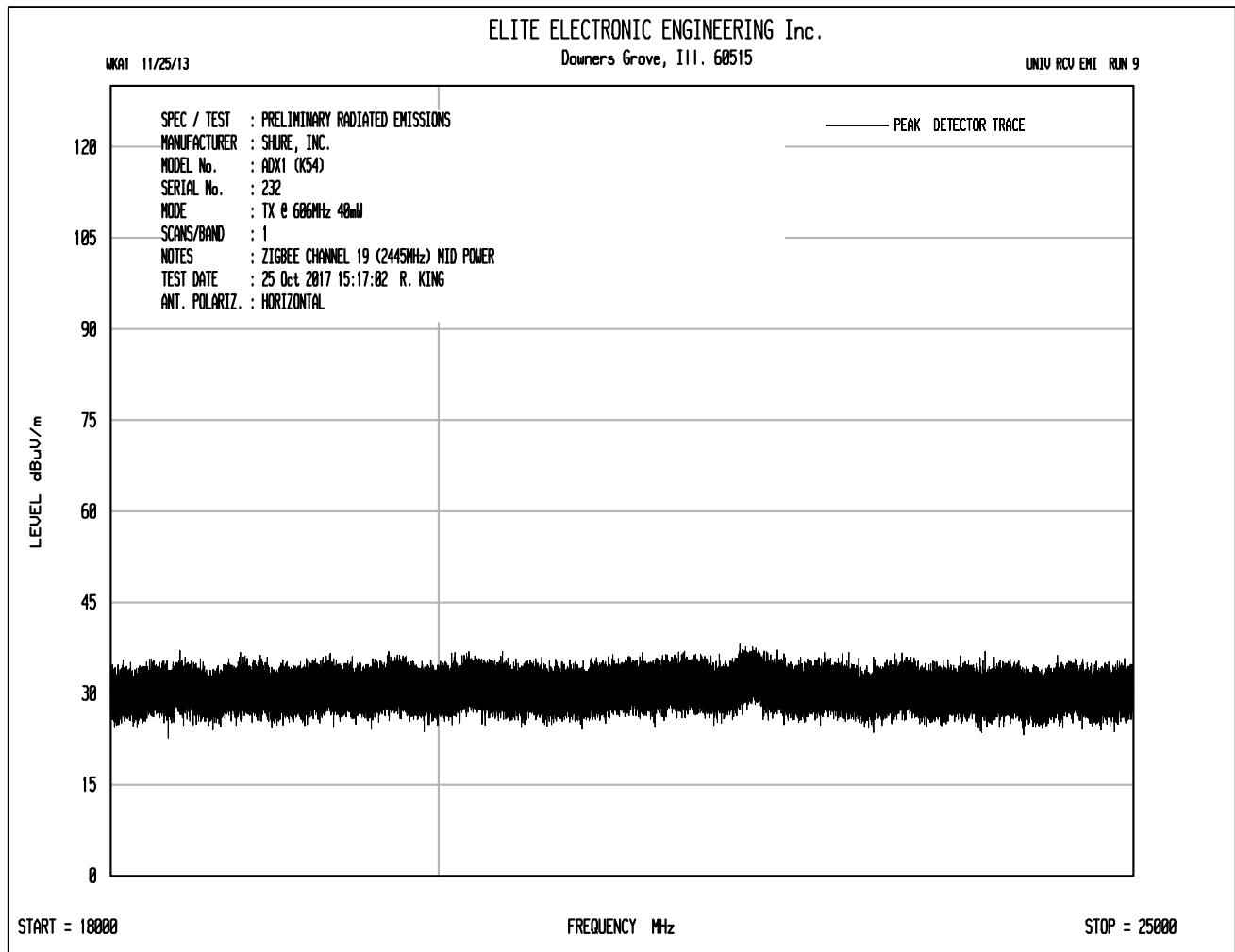
Plot shows emissions at 2445MHz from Zigbee transmitter.

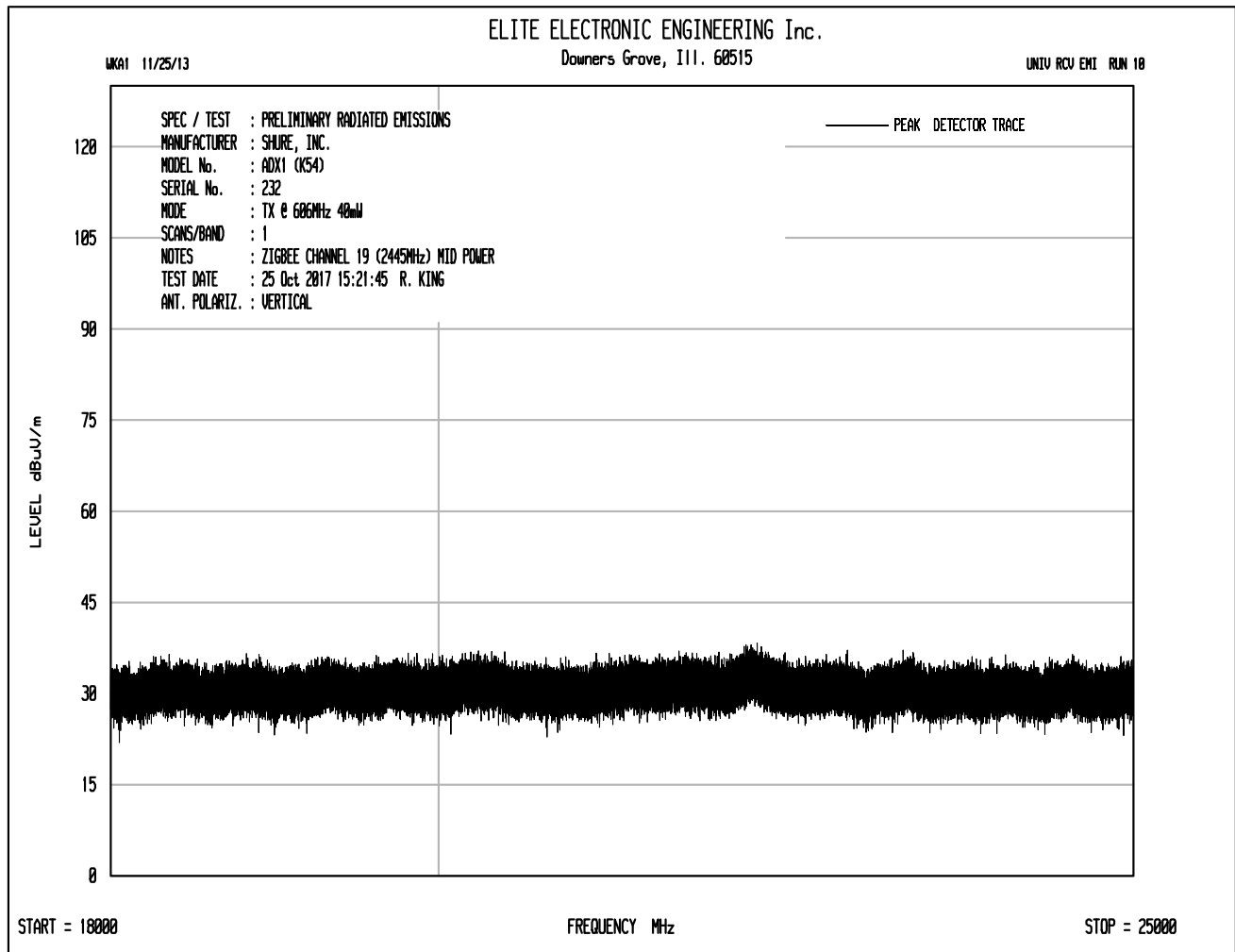


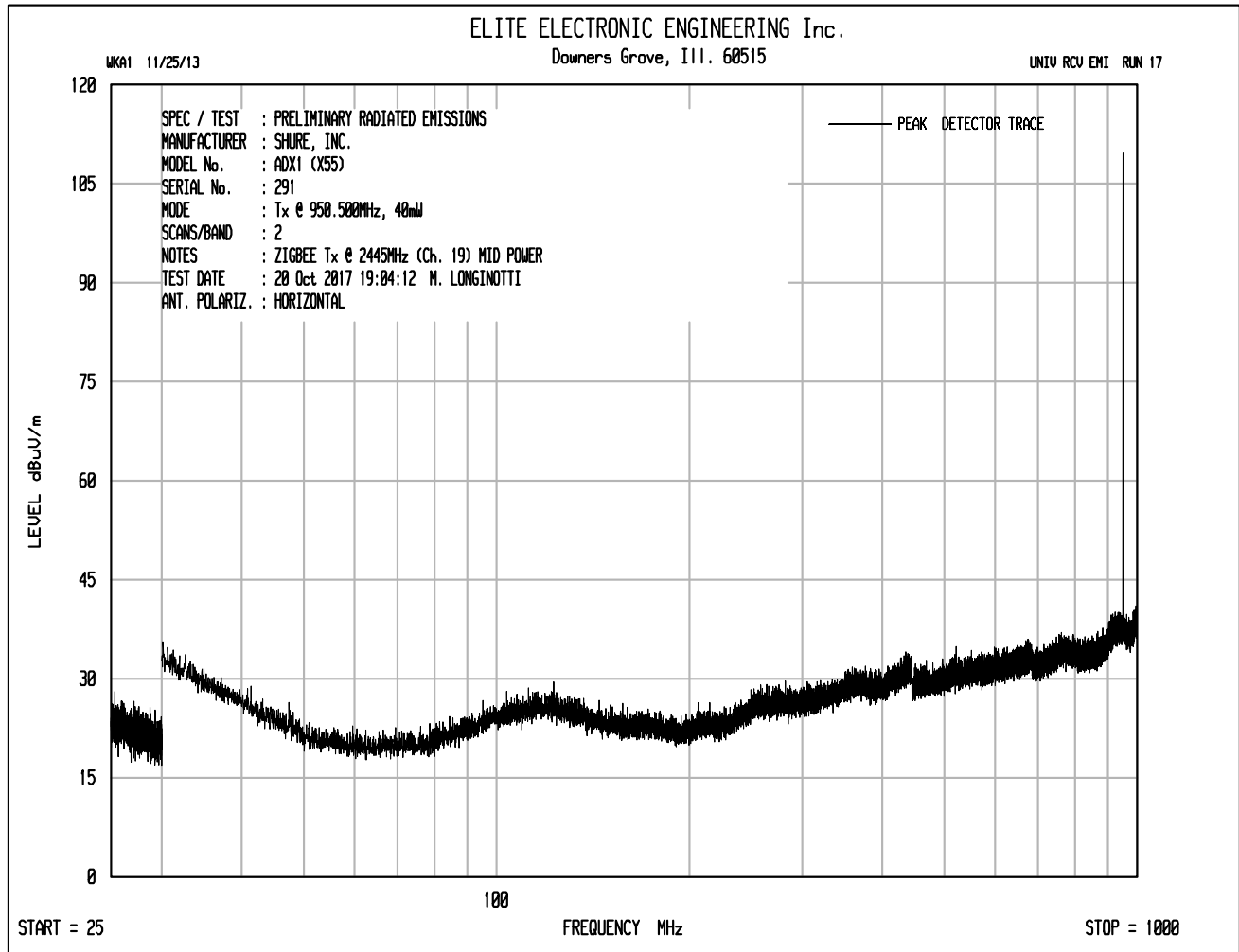
Plot shows emissions at 1212MHz (2nd harmonic of UHF transmitter of 606MHz).
 Plot shows emissions at 2445MHz from Zigbee transmitter.



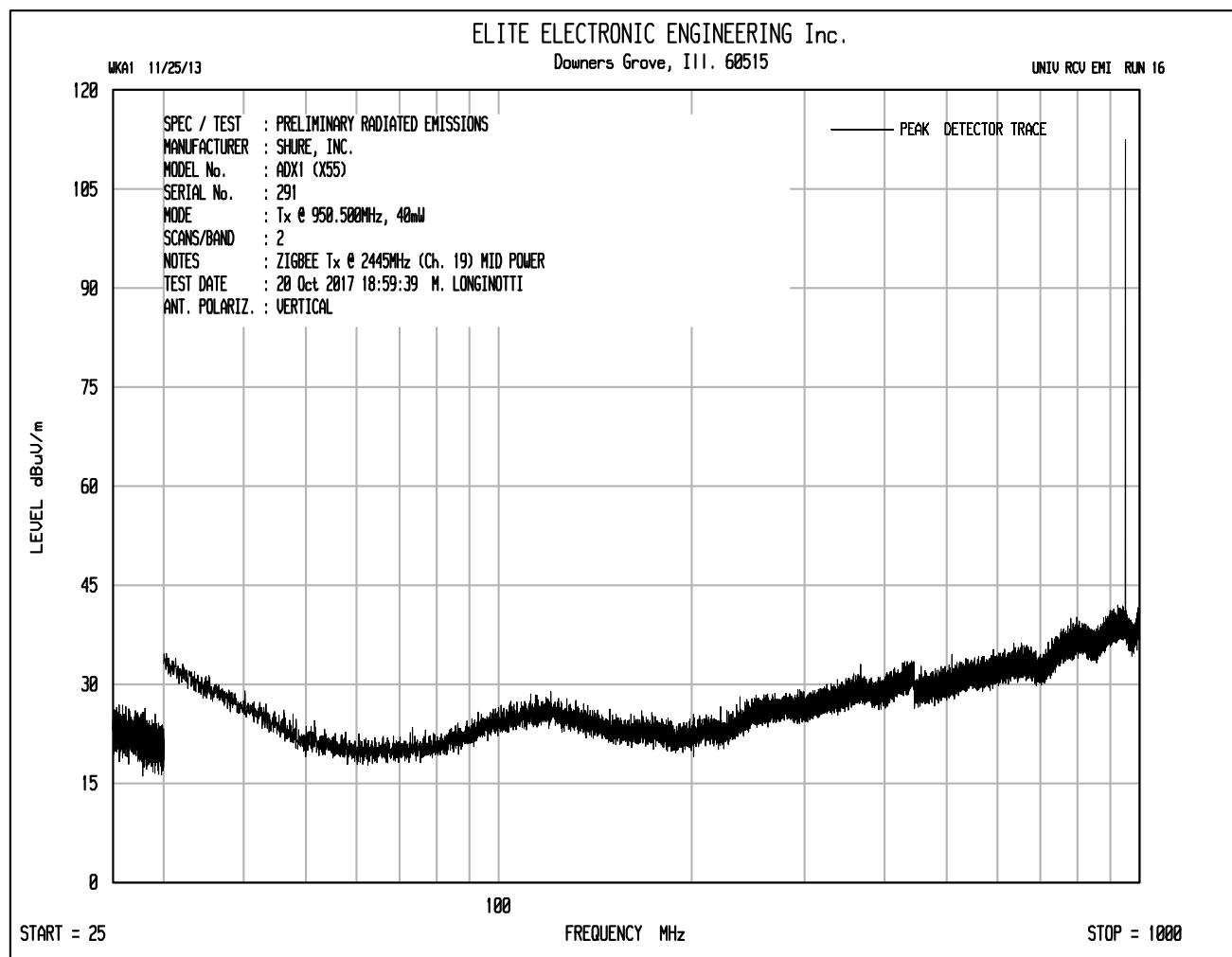




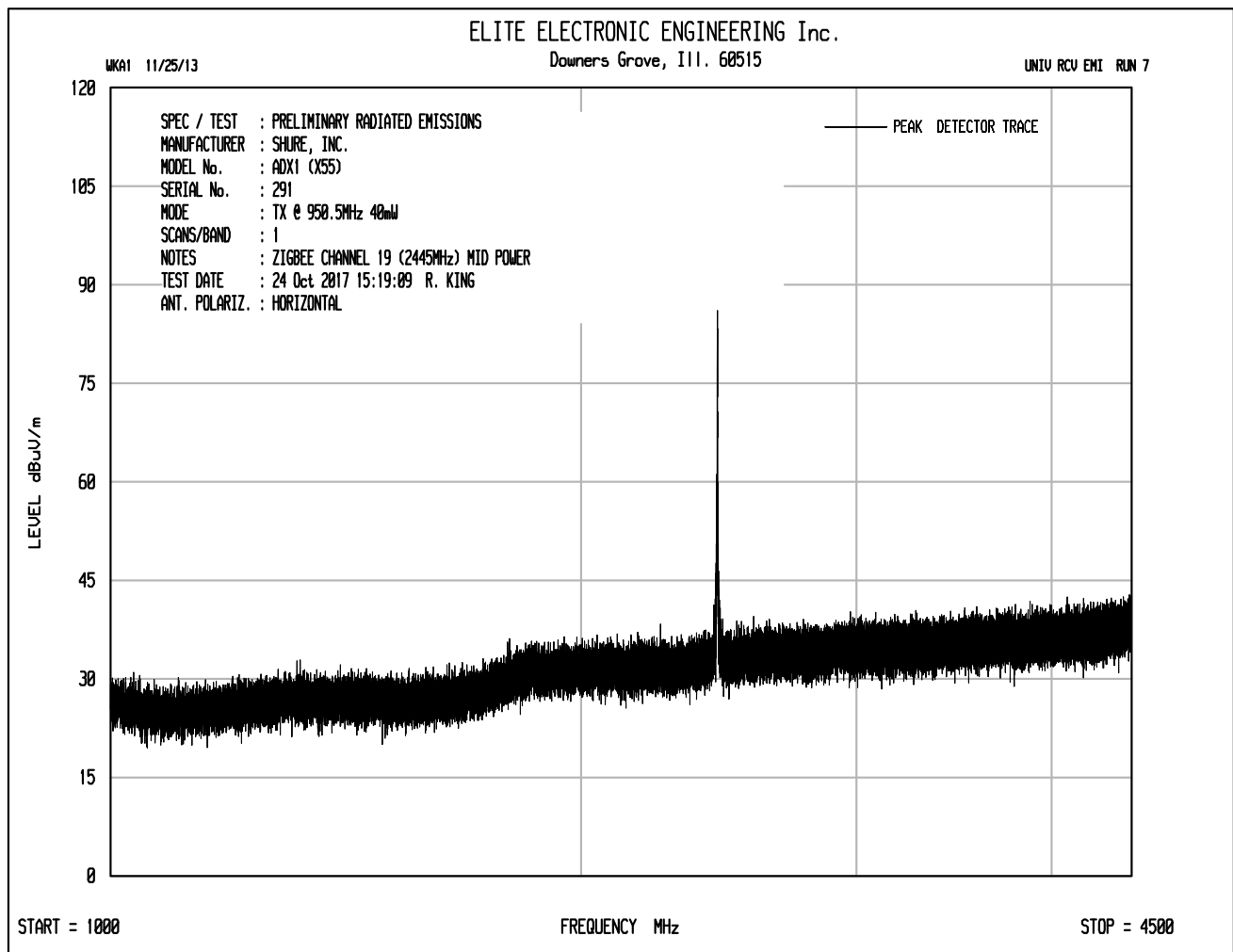




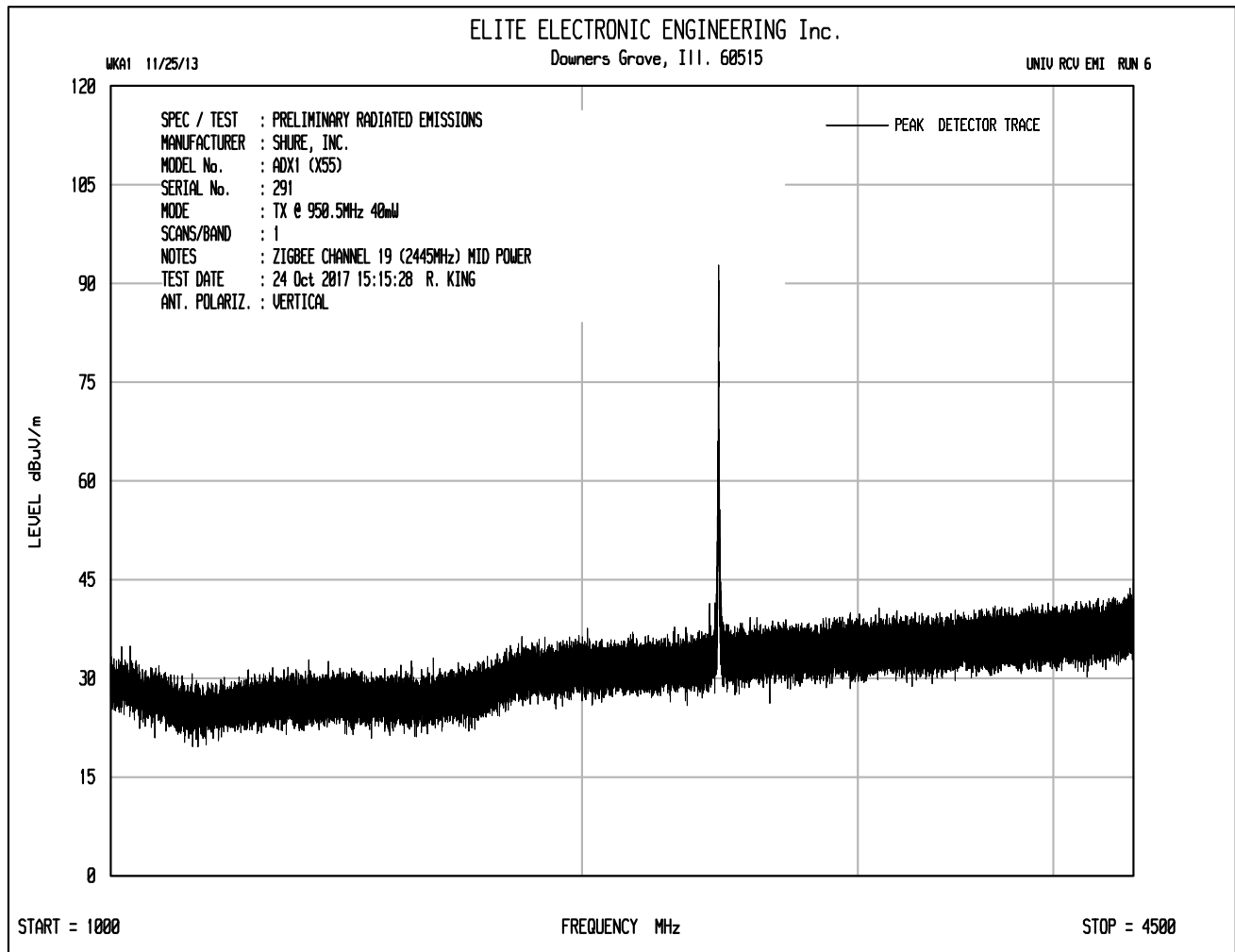
Plot shows emissions at 950.5MHz from UHF transmitter.



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.

