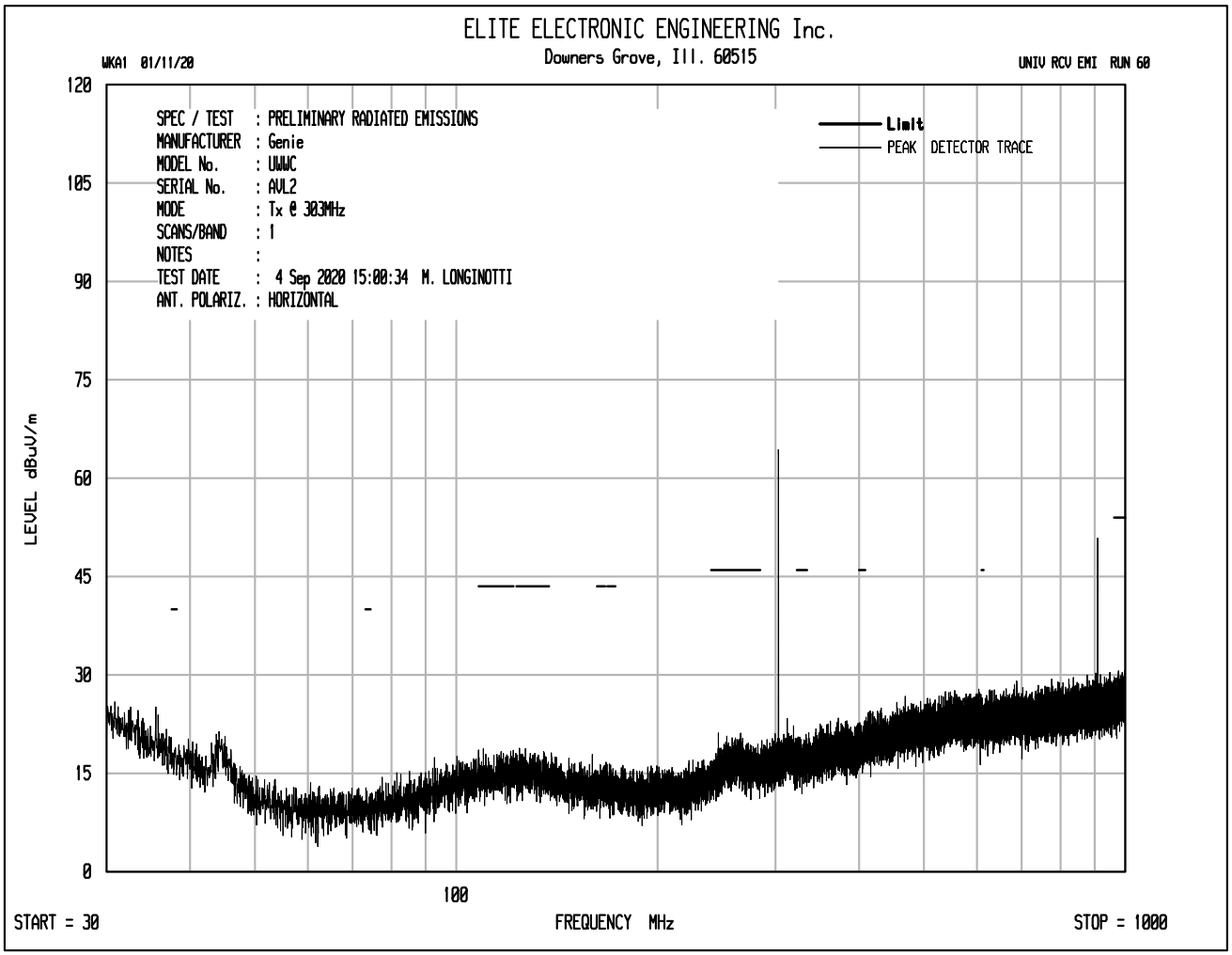
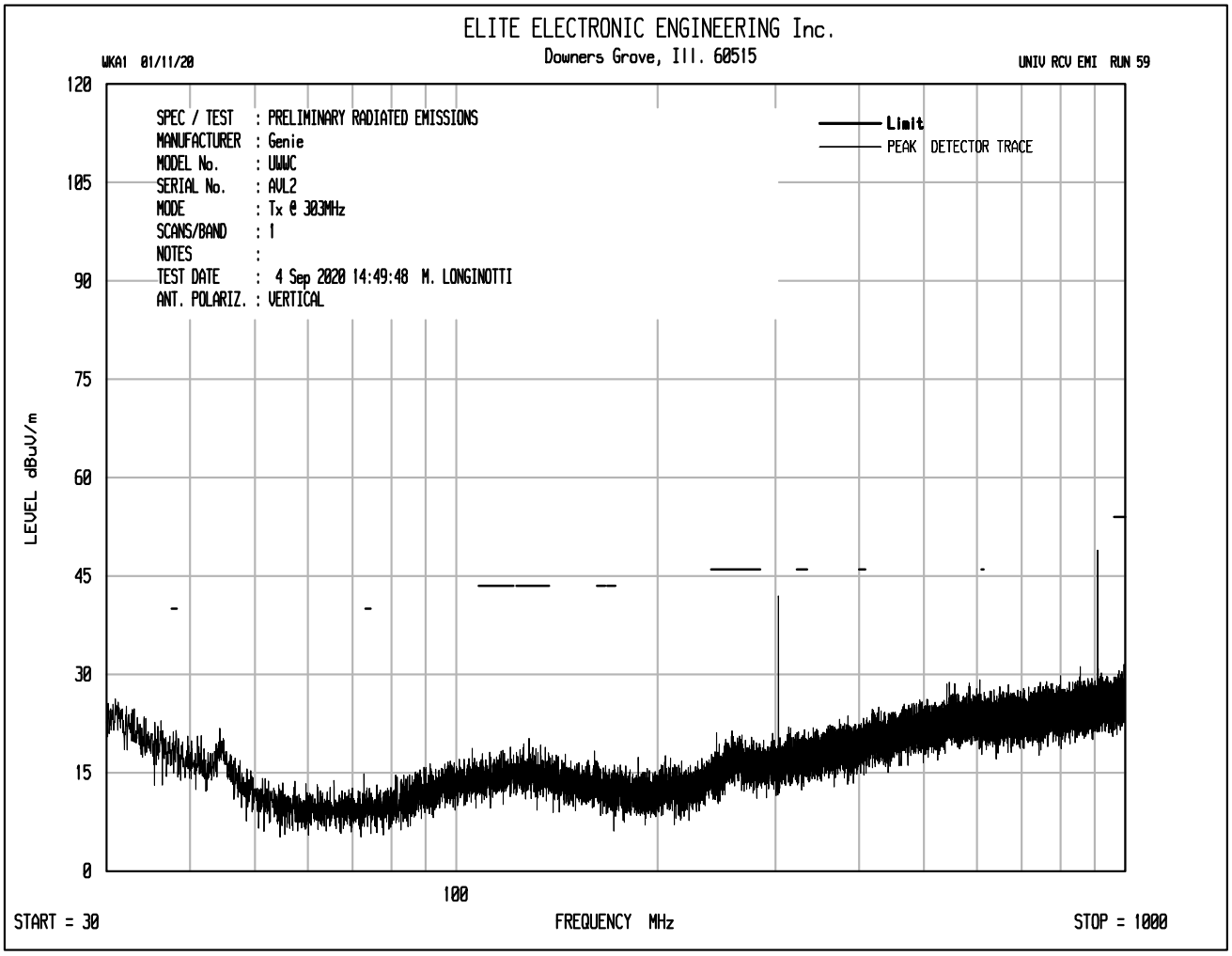
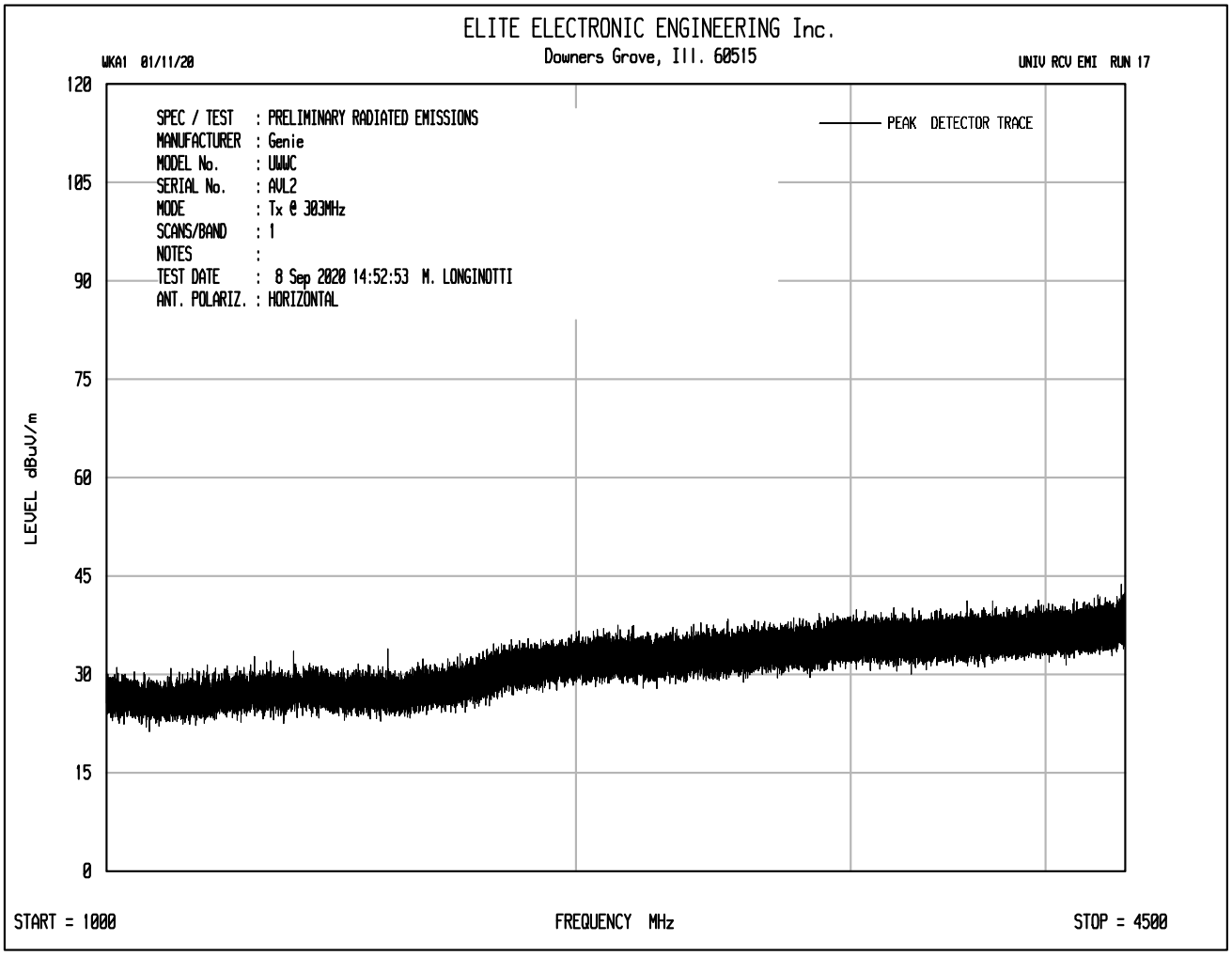
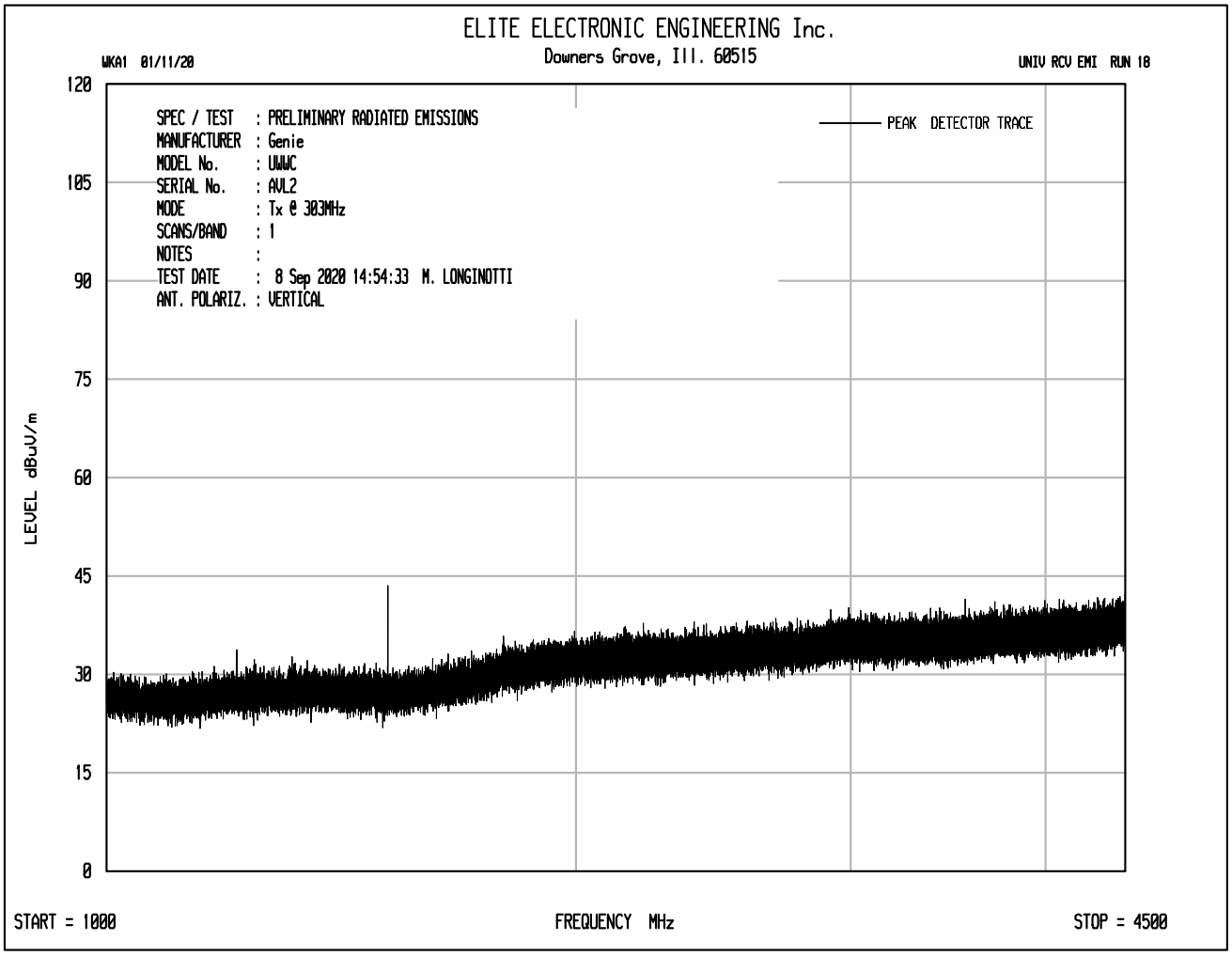

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 60
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 303MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 15:00:34 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

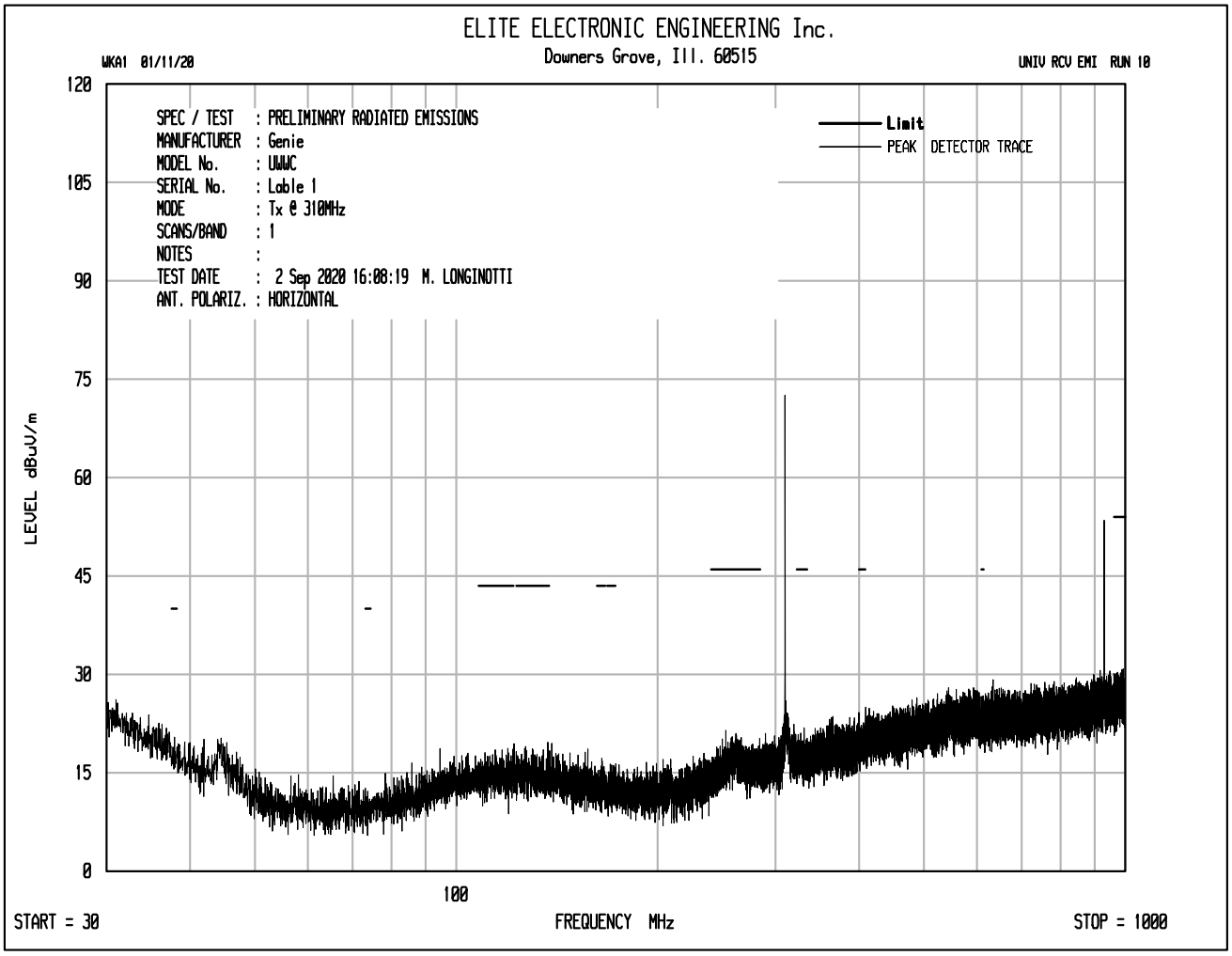

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 59
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 303MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 14:49:48 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

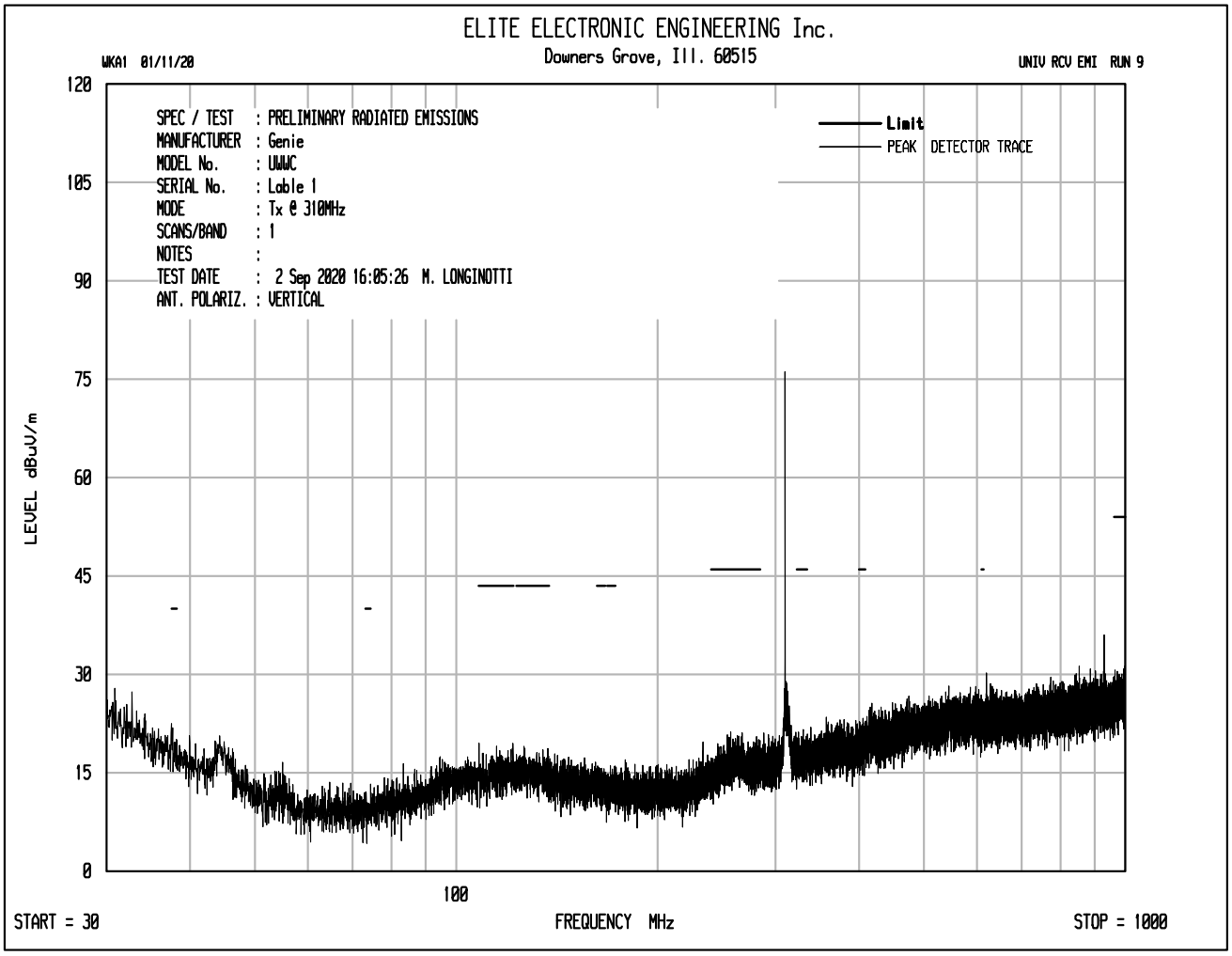

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 17
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 303MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 14:52:53 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

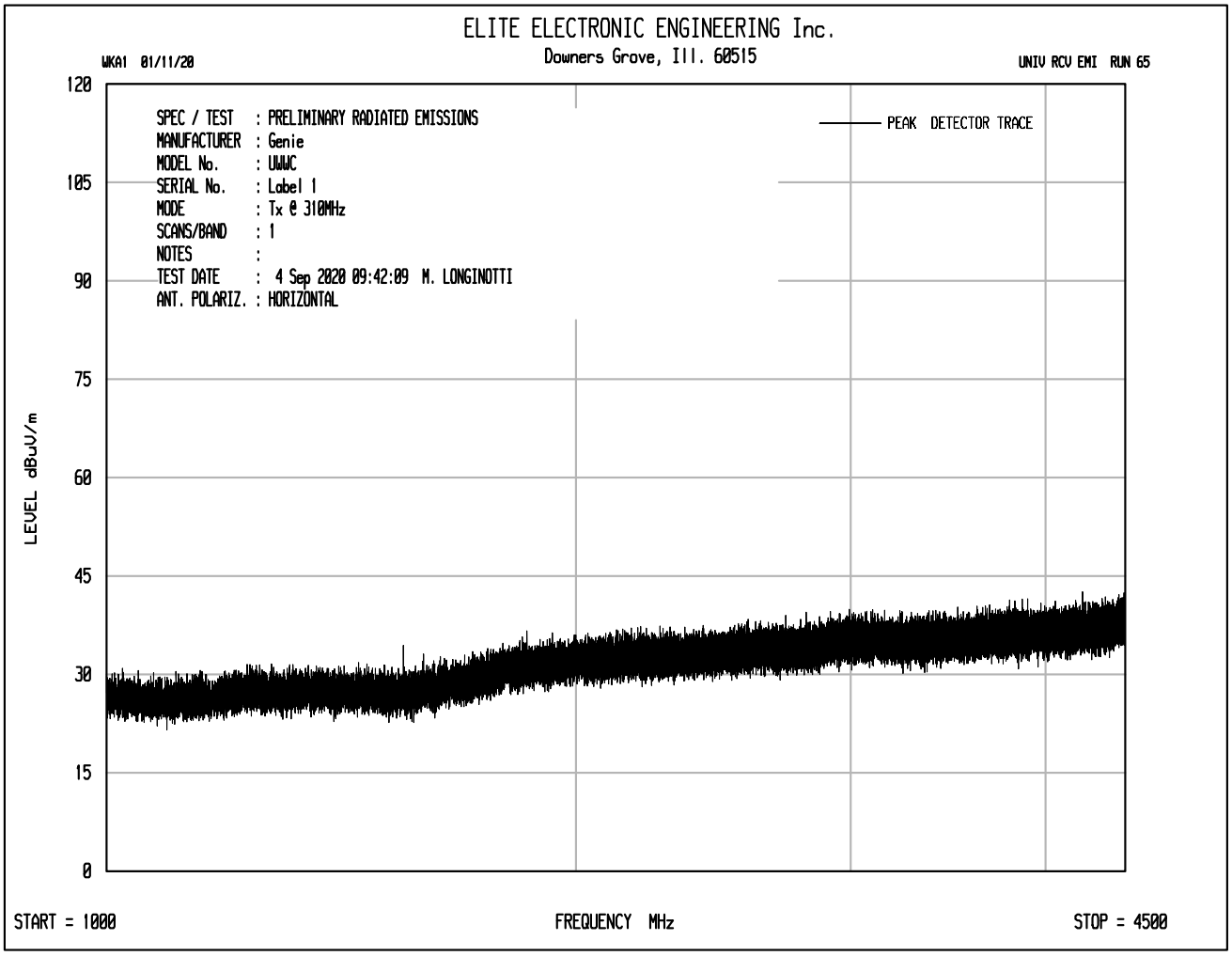

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 18
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 303MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 14:54:33 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

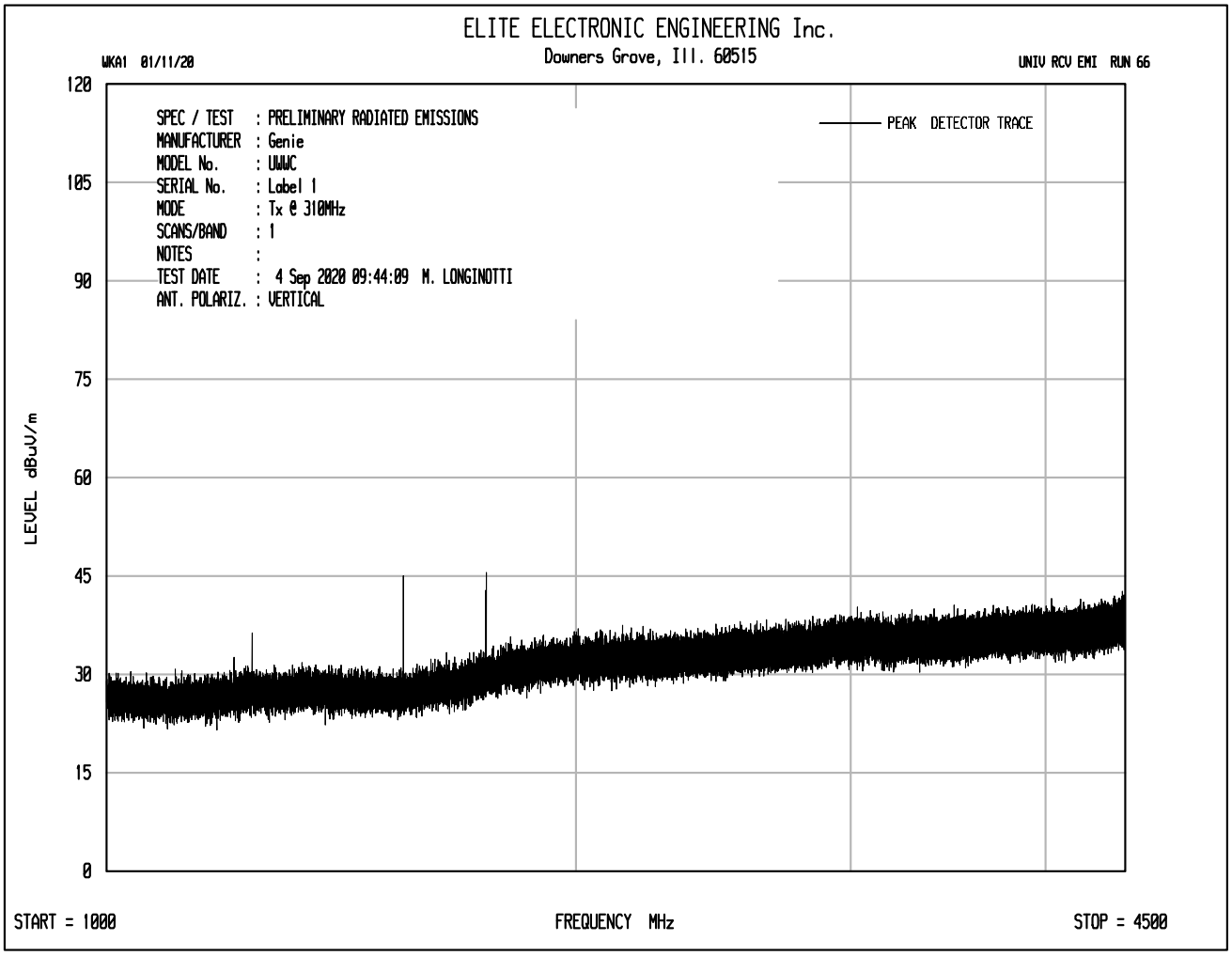
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 303MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
303.000	H	44.7		0.9	19.5	0.0	0.0	65.1	1794.4	5541.7	-9.8
303.000	V	48.5		0.9	19.5	0.0	0.0	68.9	2779.3	5541.7	-6.0
606.000	H	6.8		1.3	24.8	0.0	0.0	32.9	44.3	554.2	-22.0
606.000	V	11.1		1.3	24.8	0.0	0.0	37.2	72.6	554.2	-17.7
909.000	H	24.2		1.6	26.7	0.0	0.0	52.4	419.1	554.2	-2.4
909.000	V	24.9		1.6	26.7	0.0	0.0	53.1	454.3	554.2	-1.7
1212.000	H	14.9	Ambient	1.8	29.6	0.0	0.0	46.3	207.0	500.0	-7.7
1212.000	V	15.7	Ambient	1.8	29.6	0.0	0.0	47.1	227.0	500.0	-6.9
1515.000	H	16.0		2.0	29.2	0.0	0.0	47.2	229.4	500.0	-6.8
1515.000	V	20.4		2.0	29.2	0.0	0.0	51.6	380.7	500.0	-2.4


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 10
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Lable 1
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 16:08:19 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 9
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Lable 1
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 16:05:26 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 65
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 09:42:09 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

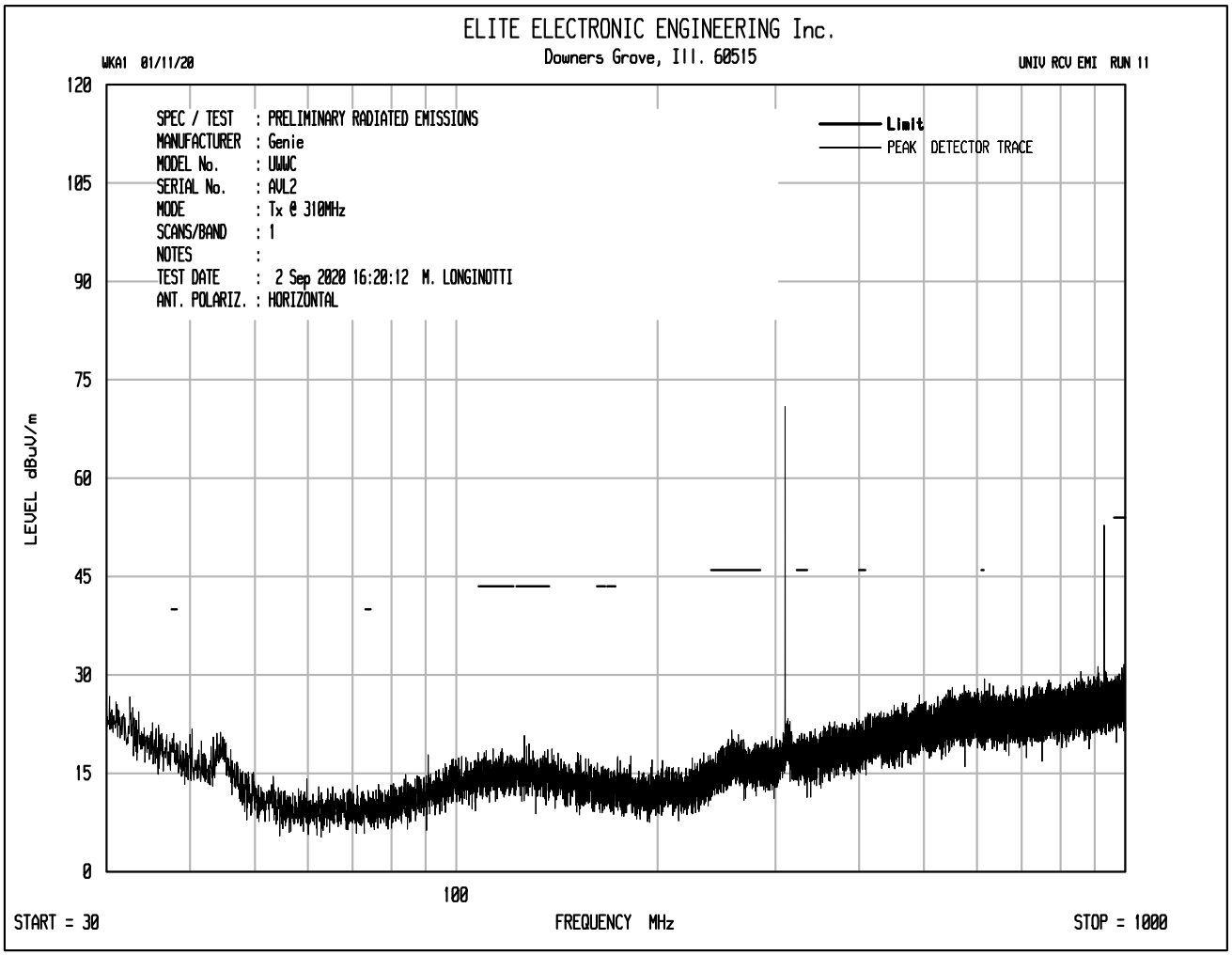

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 66
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 09:44:09 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

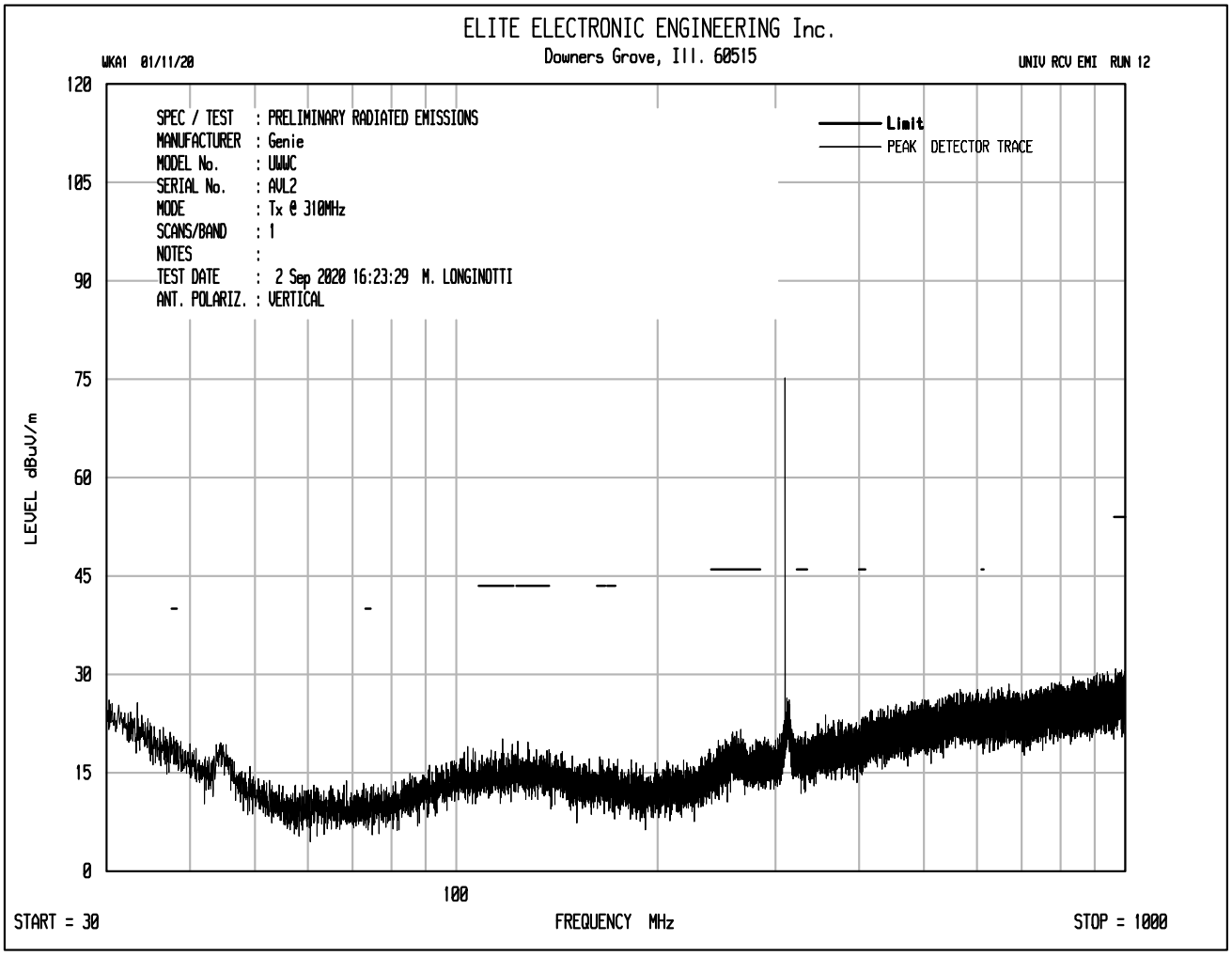
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 310MHz
Protocol	Sommer Protocol
Notes	

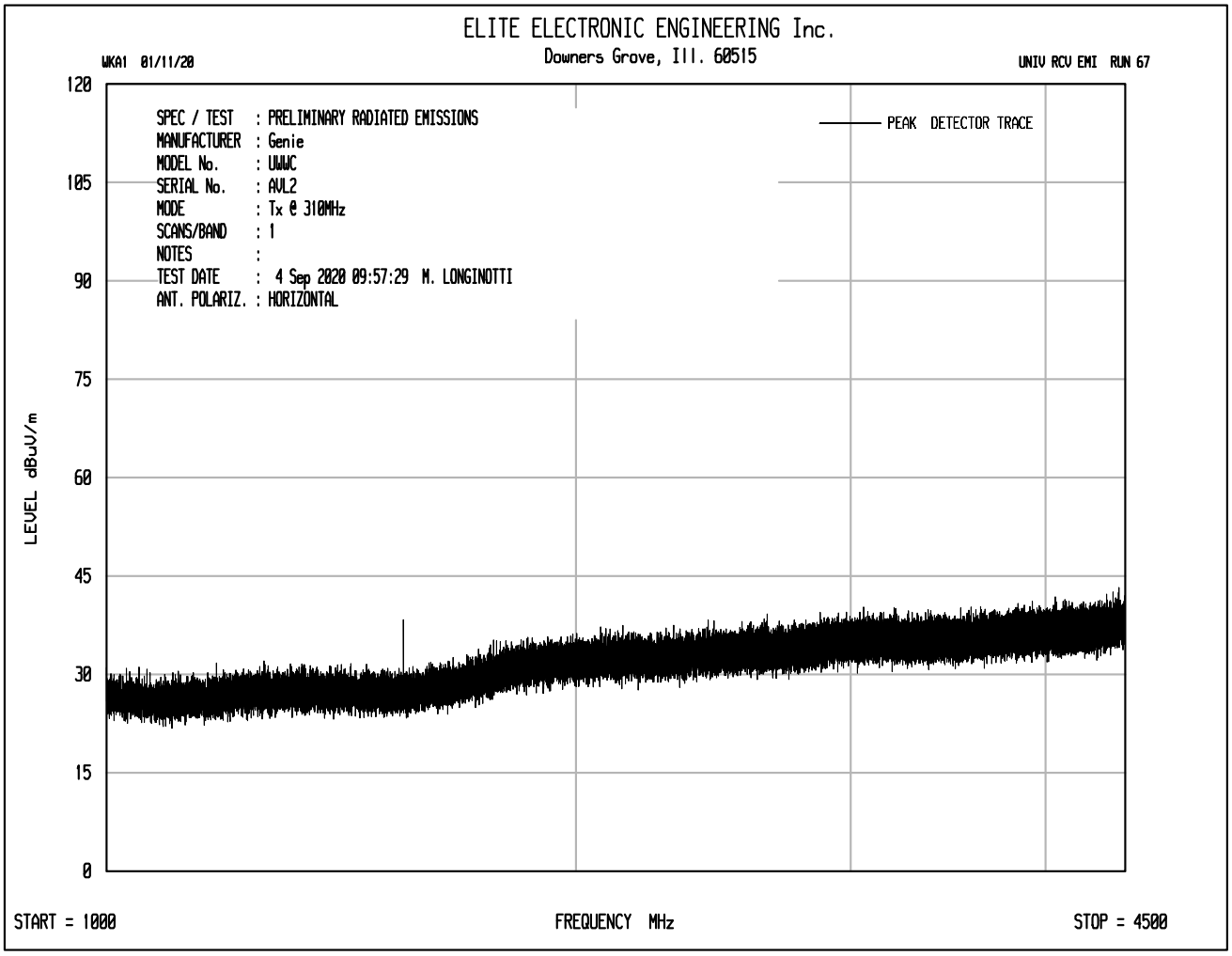
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
310.000	H	52.9		0.9	19.7	0.0	-12.9	60.6	1070.3	5833.3	-14.7
310.000	V	56.7		0.9	19.7	0.0	-12.9	64.4	1657.7	5833.3	-10.9
620.000	H	6.8		1.3	25.0	0.0	-12.9	20.2	10.2	583.3	-35.1
620.000	V	13.1		1.3	25.0	0.0	-12.9	26.5	21.1	583.3	-28.8
930.000	H	26.7		1.6	26.7	0.0	-12.9	42.1	127.2	583.3	-13.2
930.000	V	26.7		1.6	26.7	0.0	-12.9	42.1	127.2	583.3	-13.2
1240.000	H	14.8		1.8	29.8	0.0	-12.9	33.5	47.4	500.0	-20.5
1240.000	V	15.8		1.8	29.8	0.0	-12.9	34.5	53.2	500.0	-19.5
1550.000	H	16.6		2.1	29.0	0.0	-12.9	34.7	54.6	500.0	-19.2
1550.000	V	20.8		2.1	29.0	0.0	-12.9	38.9	88.6	500.0	-15.0
1860.000	H	16.4		2.3	32.0	0.0	-12.9	37.8	77.3	583.3	-17.6
1860.000	V	16.7		2.3	32.0	0.0	-12.9	38.1	80.0	583.3	-17.3
2170.000	H	16.8	Ambient	2.5	32.6	0.0	-12.9	38.9	88.2	583.3	-16.4
2170.000	V	17.7	Ambient	2.5	32.6	0.0	-12.9	39.8	97.8	583.3	-15.5
2480.000	H	16.7	Ambient	2.7	33.1	0.0	-12.9	39.5	94.8	583.3	-15.8
2480.000	V	16.6	Ambient	2.7	33.1	0.0	-12.9	39.4	93.7	583.3	-15.9
2790.000	H	17.1	Ambient	2.8	32.9	0.0	-12.9	39.9	98.9	500.0	-14.1
2790.000	V	16.6	Ambient	2.8	32.9	0.0	-12.9	39.4	93.4	500.0	-14.6
3100.000	H	17.4	Ambient	3.0	33.5	0.0	-12.9	41.0	112.1	583.3	-14.3
3100.000	V	17.5	Ambient	3.0	33.5	0.0	-12.9	41.1	113.4	583.3	-14.2

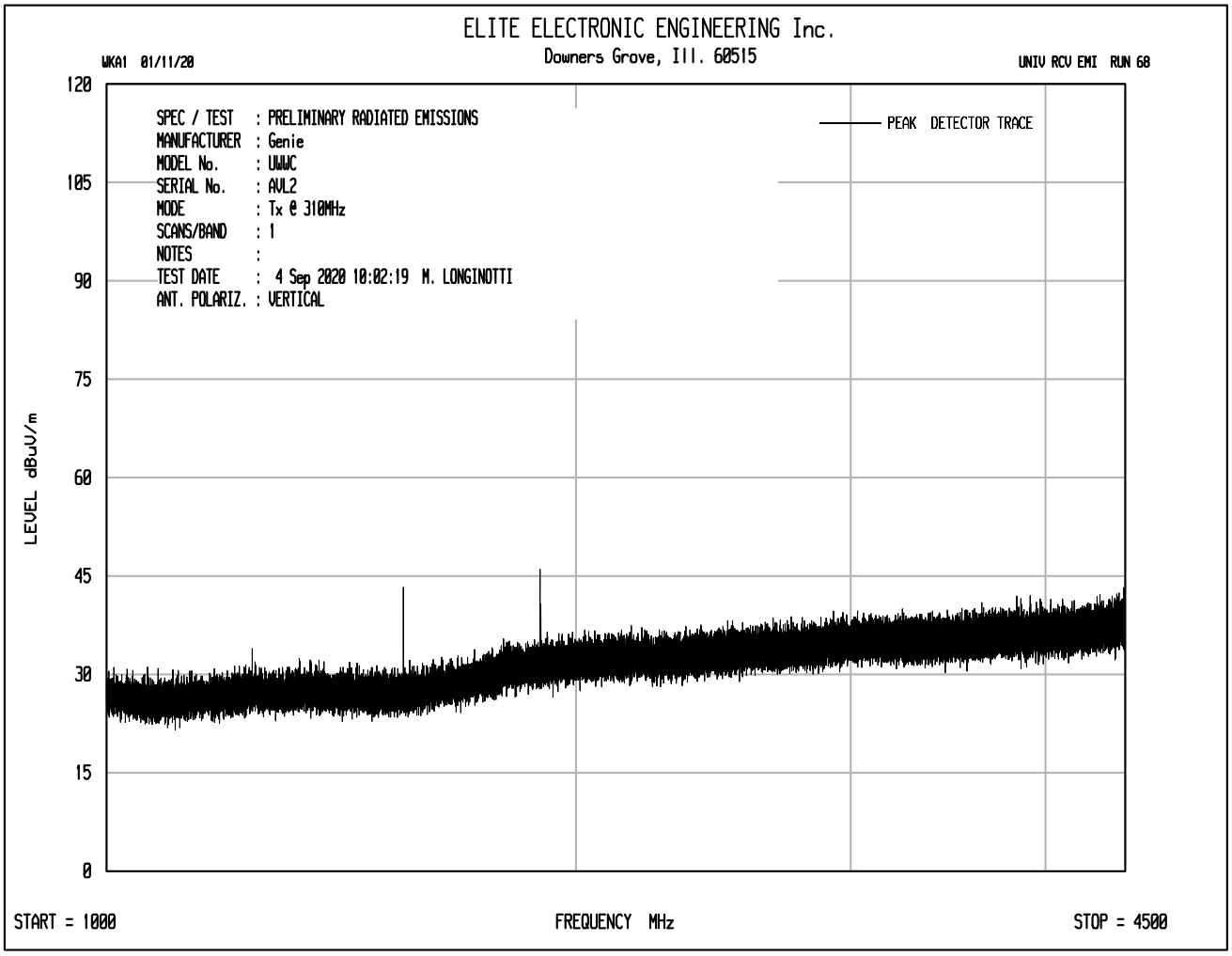
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 310MHz
Protocol	Stanley Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
310.000	H	52.9		0.9	19.7	0.0	-6.9	66.6	2135.6	5833.3	-8.7
310.000	V	56.7		0.9	19.7	0.0	-6.9	70.4	3307.6	5833.3	-4.9
620.000	H	6.8		1.3	25.0	0.0	-6.9	26.2	20.4	583.3	-29.1
620.000	V	13.1		1.3	25.0	0.0	-6.9	32.5	42.0	583.3	-22.8
930.000	H	26.7		1.6	26.7	0.0	-6.9	48.1	253.7	583.3	-7.2
930.000	V	26.7		1.6	26.7	0.0	-6.9	48.1	253.7	583.3	-7.2
1240.000	H	14.8		1.8	29.8	0.0	-6.9	39.5	94.5	500.0	-14.5
1240.000	V	15.8		1.8	29.8	0.0	-6.9	40.5	106.1	500.0	-13.5
1550.000	H	16.6		2.1	29.0	0.0	-6.9	40.7	109.0	500.0	-13.2
1550.000	V	20.8		2.1	29.0	0.0	-6.9	44.9	176.7	500.0	-9.0
1860.000	H	16.4		2.3	32.0	0.0	-6.9	43.8	154.3	583.3	-11.6
1860.000	V	16.7		2.3	32.0	0.0	-6.9	44.1	159.7	583.3	-11.3
2170.000	H	16.8	Ambient	2.5	32.6	0.0	-6.9	44.9	176.0	583.3	-10.4
2170.000	V	17.7	Ambient	2.5	32.6	0.0	-6.9	45.8	195.2	583.3	-9.5
2480.000	H	16.7	Ambient	2.7	33.1	0.0	-6.9	45.5	189.2	583.3	-9.8
2480.000	V	16.6	Ambient	2.7	33.1	0.0	-6.9	45.4	187.0	583.3	-9.9
2790.000	H	17.1	Ambient	2.8	32.9	0.0	-6.9	45.9	197.4	500.0	-8.1
2790.000	V	16.6	Ambient	2.8	32.9	0.0	-6.9	45.4	186.4	500.0	-8.6
310.000	H	52.9		0.9	19.7	0.0	-6.9	66.6	2135.6	5833.3	-8.7
310.000	V	56.7		0.9	19.7	0.0	-6.9	70.4	3307.6	5833.3	-4.9


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 11
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AUL2
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 16:20:12 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 12
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 16:23:29 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 67
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 09:57:29 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

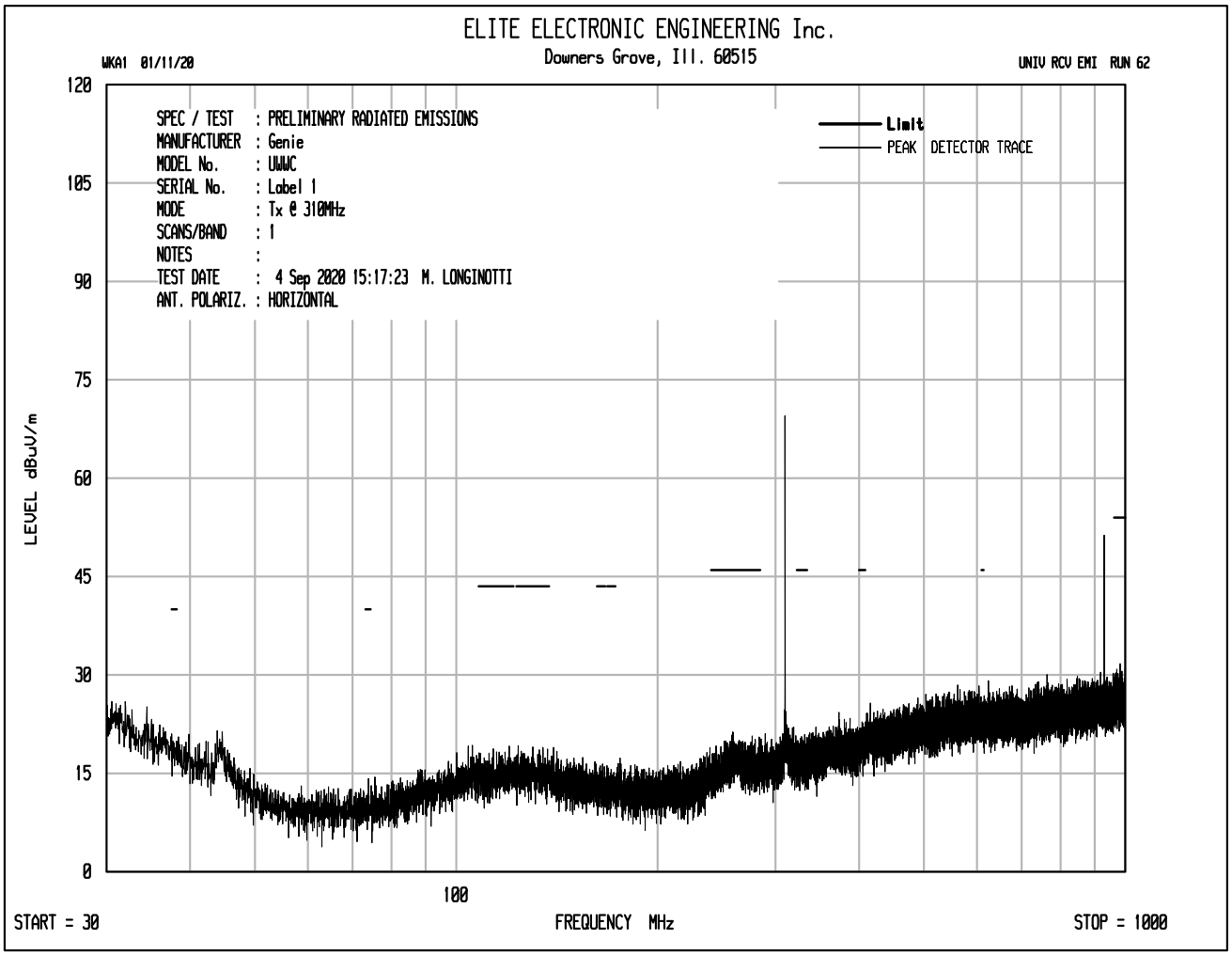

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 68
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 10:02:19 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

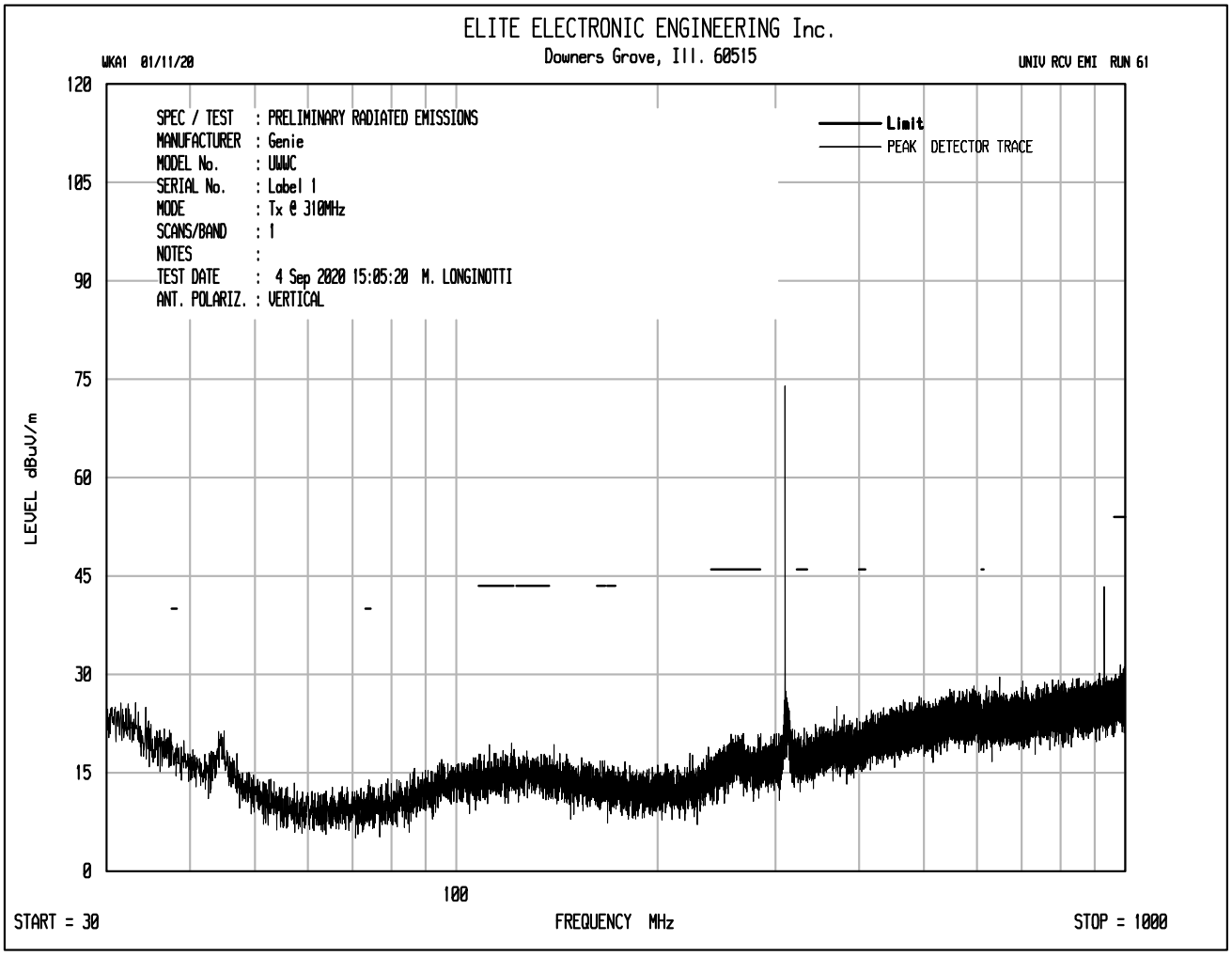
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 310MHz
Protocol	Sommer Protocol
Notes	

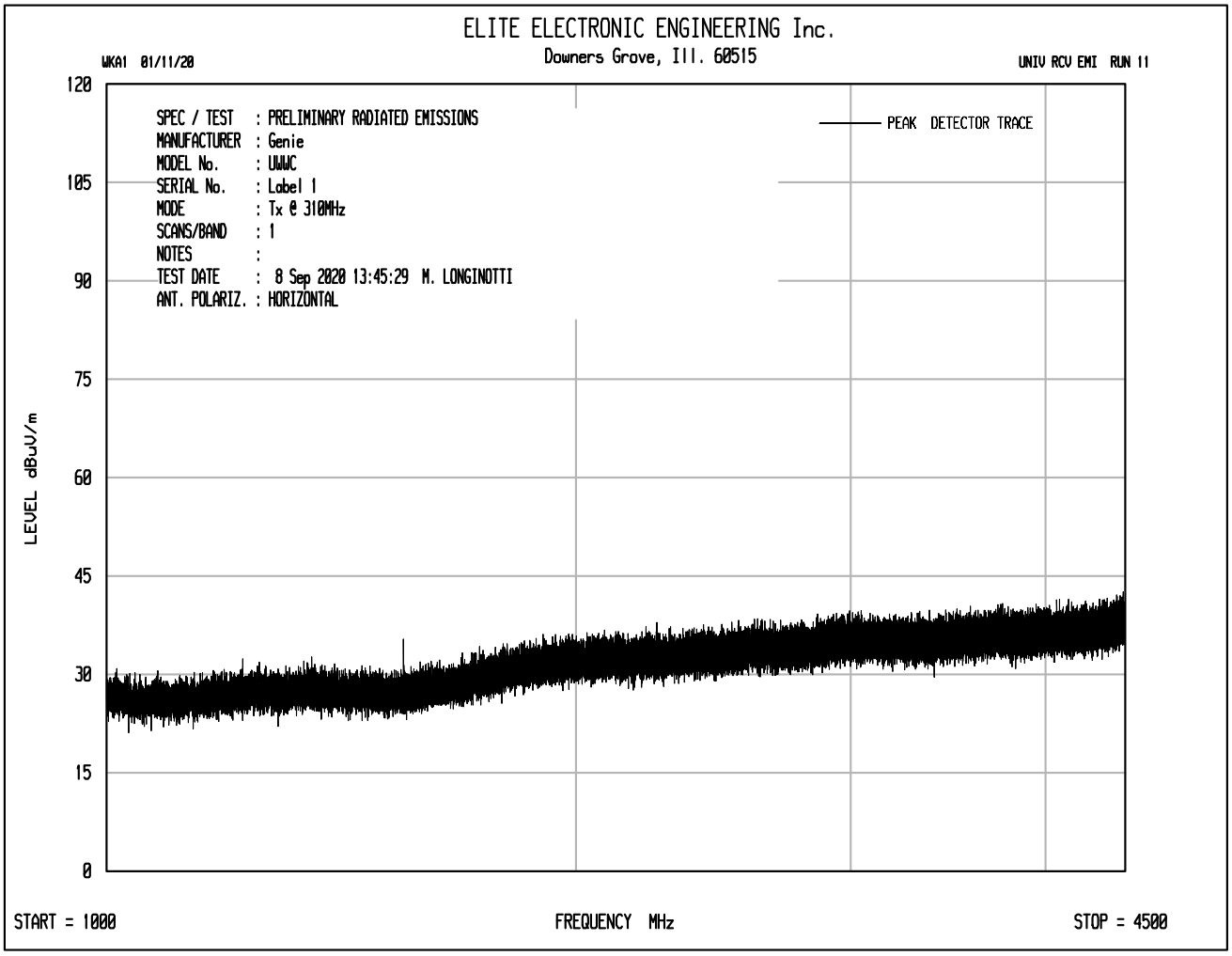
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
310.000	H	51.8		0.9	19.7	0.0	-12.9	59.5	943.0	5833.3	-15.8
310.000	V	55.8		0.9	19.7	0.0	-12.9	63.5	1494.6	5833.3	-11.8
930.000	H	26.3		1.6	26.7	0.0	-12.9	41.7	121.4	583.3	-13.6
930.000	V	26.4		1.6	26.7	0.0	-12.9	41.8	122.8	583.3	-13.5
1240.000	H	14.0		1.8	29.8	0.0	-12.9	32.7	43.2	500.0	-21.3
1240.000	V	16.4		1.8	29.8	0.0	-12.9	35.1	57.0	500.0	-18.9
1550.000	H	14.6		2.1	29.0	0.0	-12.9	32.7	43.4	500.0	-21.2
1550.000	V	20.3		2.1	29.0	0.0	-12.9	38.4	83.6	500.0	-15.5
1860.000	H	15.5		2.3	32.0	0.0	-12.9	36.9	69.7	583.3	-18.5
1860.000	V	14.6		2.3	32.0	0.0	-12.9	36.0	62.8	583.3	-19.4

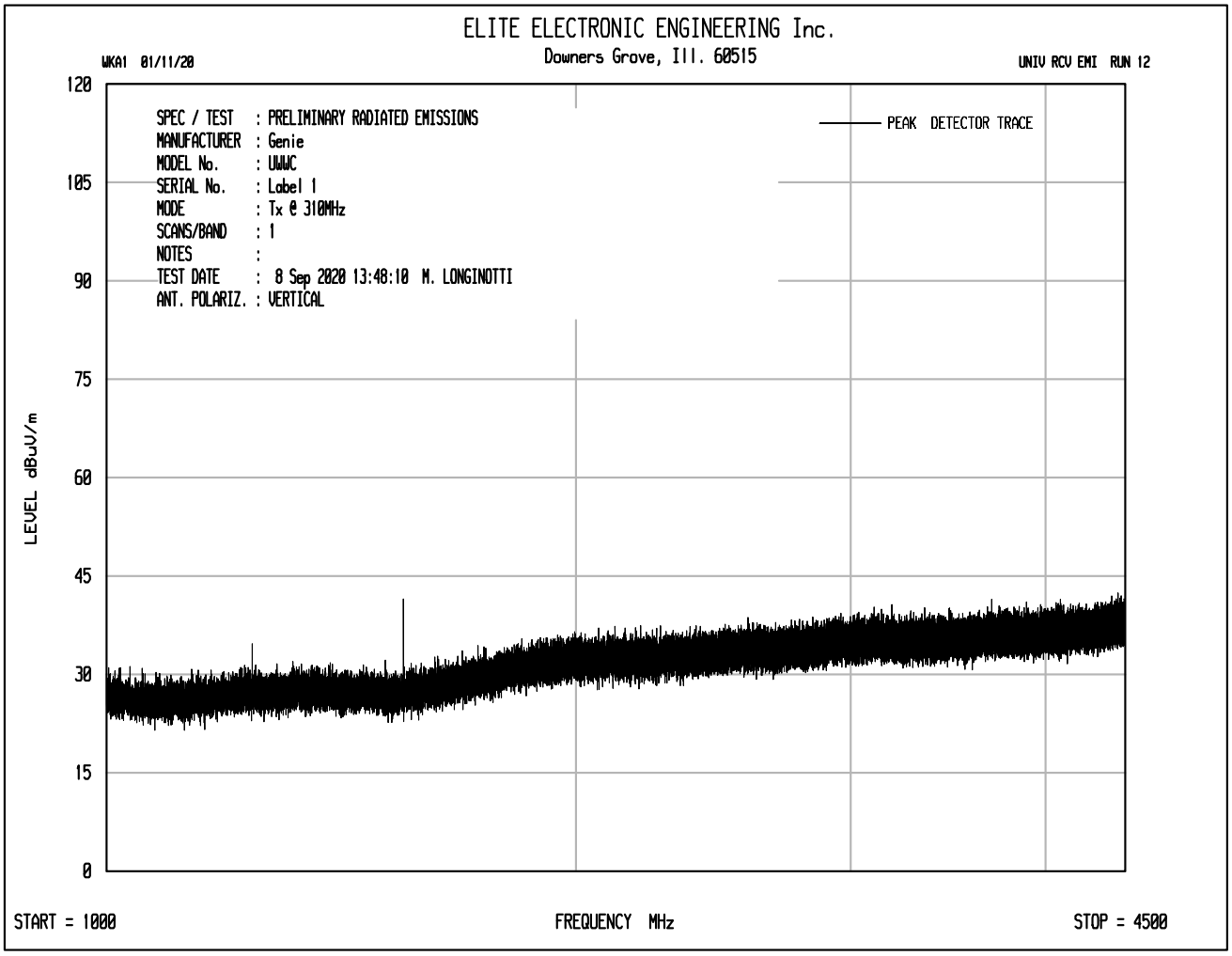
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 310MHz
Protocol	Stanley Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
310.000	H	51.8		0.9	19.7	0.0	-6.9	65.5	1881.5	5833.3	-9.8
310.000	V	55.8		0.9	19.7	0.0	-6.9	69.5	2982.0	5833.3	-5.8
930.000	H	26.3		1.6	26.7	0.0	-6.9	47.7	242.3	583.3	-7.6
930.000	V	26.4		1.6	26.7	0.0	-6.9	47.8	245.1	583.3	-7.5
1240.000	H	14.0		1.8	29.8	0.0	-6.9	38.7	86.2	500.0	-15.3
1240.000	V	16.4		1.8	29.8	0.0	-6.9	41.1	113.7	500.0	-12.9
1550.000	H	14.6		2.1	29.0	0.0	-6.9	38.7	86.6	500.0	-15.2
1550.000	V	20.3		2.1	29.0	0.0	-6.9	44.4	166.8	500.0	-9.5
1860.000	H	15.5		2.3	32.0	0.0	-6.9	42.9	139.1	583.3	-12.5
1860.000	V	14.6		2.3	32.0	0.0	-6.9	42.0	125.4	583.3	-13.4


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 62
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 15:17:23 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

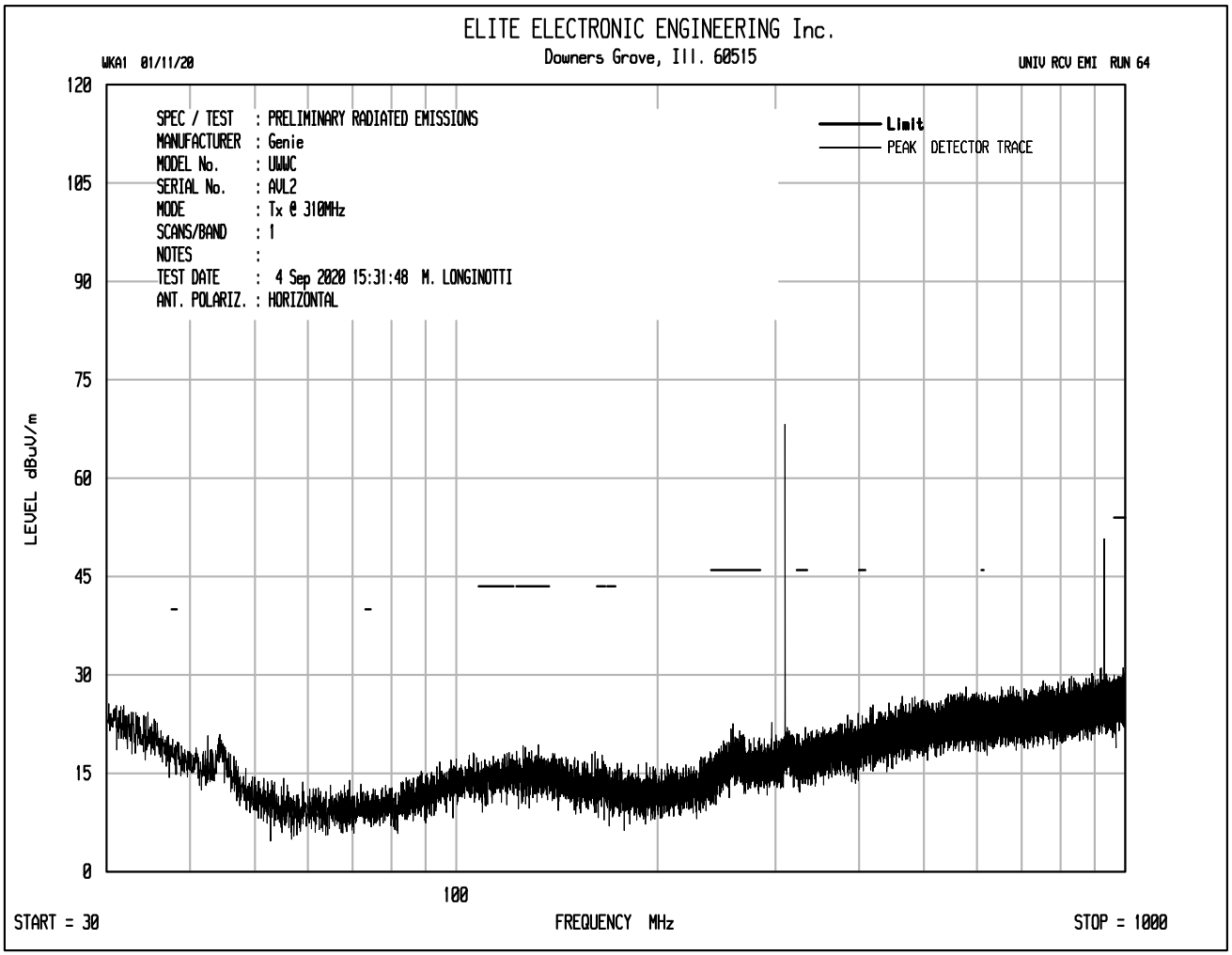

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 61
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 15:05:20 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

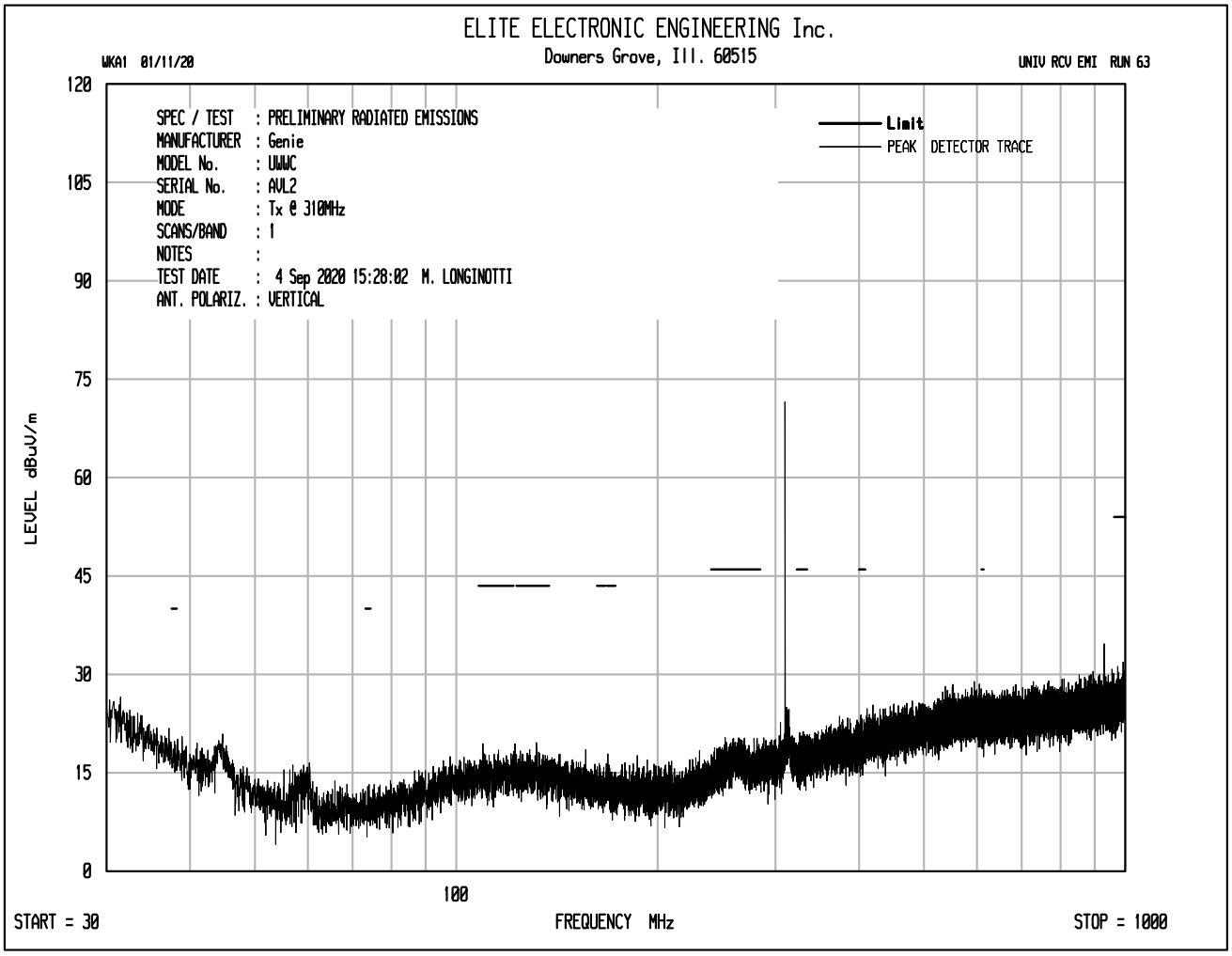

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 11
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 13:45:29 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

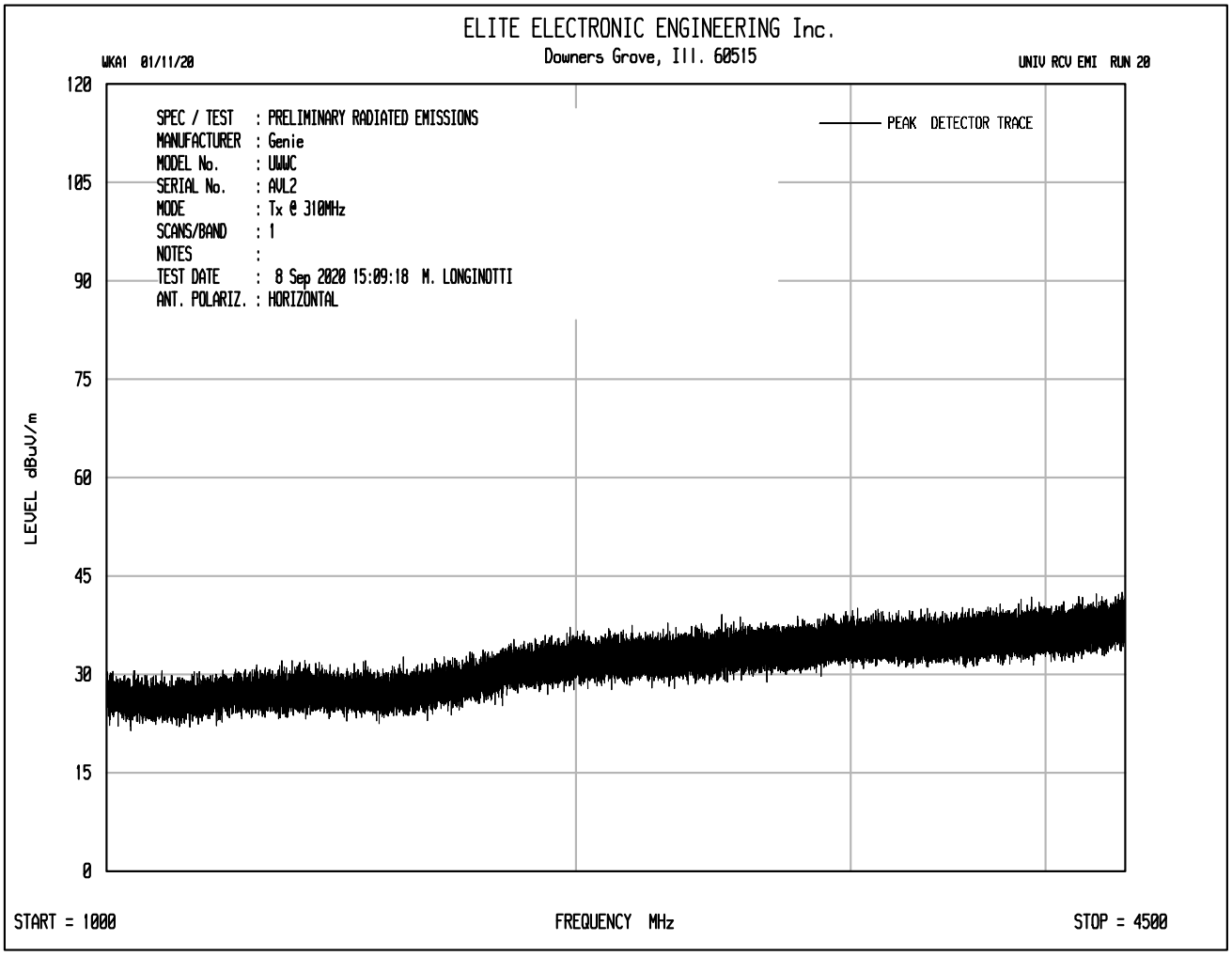

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 12
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 13:48:10 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

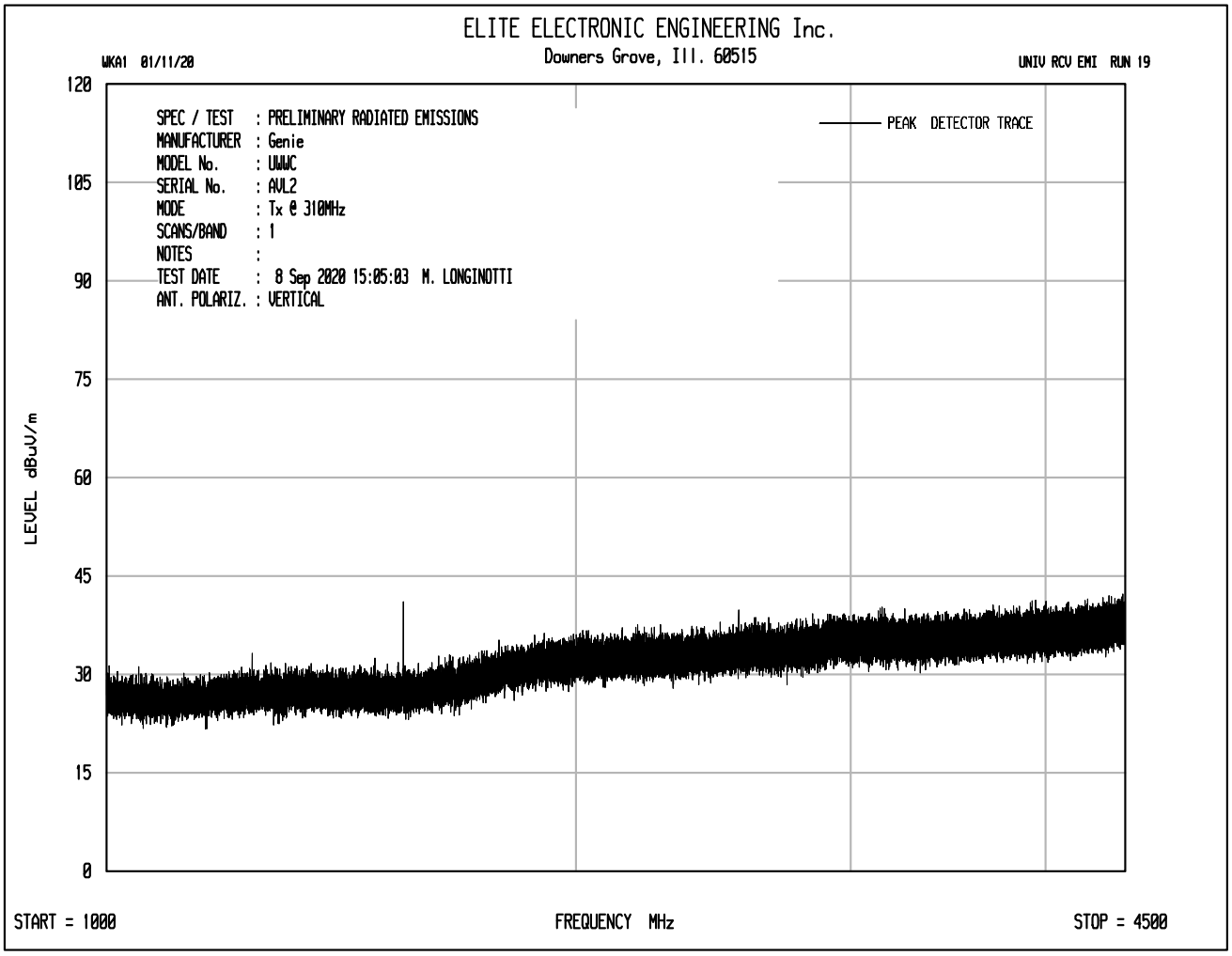
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 310MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
310.000	H	49.9		0.9	19.7	0.0	0.0	70.5	3345.9	5833.3	-4.8
310.000	V	54.2		0.9	19.7	0.0	0.0	74.8	5489.3	5833.3	-0.5
620.000	H	5.6	Ambient	1.3	25.0	0.0	0.0	31.9	39.2	583.3	-23.4
620.000	V	10.9		1.3	25.0	0.0	0.0	37.2	72.2	583.3	-18.1
930.000	H	23.7		1.6	26.7	0.0	0.0	52.0	397.5	583.3	-3.3
930.000	V	24.3		1.6	26.7	0.0	0.0	52.6	426.0	583.3	-2.7
1240.000	H	14.5		1.8	29.8	0.0	0.0	46.1	202.1	500.0	-7.9
1240.000	V	16.2		1.8	29.8	0.0	0.0	47.8	245.8	500.0	-6.2
1550.000	H	16.3	Ambient	2.1	29.0	0.0	0.0	47.3	233.0	500.0	-6.6
1550.000	V	18.7		2.1	29.0	0.0	0.0	49.7	307.1	500.0	-4.2
1860.000	H	16.1	Ambient	2.3	32.0	0.0	0.0	50.4	329.8	583.3	-5.0
1860.000	V	16.1	Ambient	2.3	32.0	0.0	0.0	50.4	329.8	583.3	-5.0
2170.000	H	16.5	Ambient	2.5	32.6	0.0	0.0	51.5	376.3	583.3	-3.8
2170.000	V	16.7	Ambient	2.5	32.6	0.0	0.0	51.7	385.0	583.3	-3.6
2480.000	H	15.2	Ambient	2.7	33.1	0.0	0.0	50.9	352.2	583.3	-4.4
2480.000	V	15.7	Ambient	2.7	33.1	0.0	0.0	51.4	373.1	583.3	-3.9
2790.000	H	16.0	Ambient	2.8	32.9	0.0	0.0	51.7	385.0	500.0	-2.3
2790.000	V	15.4	Ambient	2.8	32.9	0.0	0.0	51.1	359.3	500.0	-2.9
3100.000	H	16.6		3.0	33.5	0.0	0.0	53.1	451.5	583.3	-2.2
3100.000	V	16.3	Ambient	3.0	33.5	0.0	0.0	52.8	436.2	583.3	-2.5


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 64
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 15:31:48 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

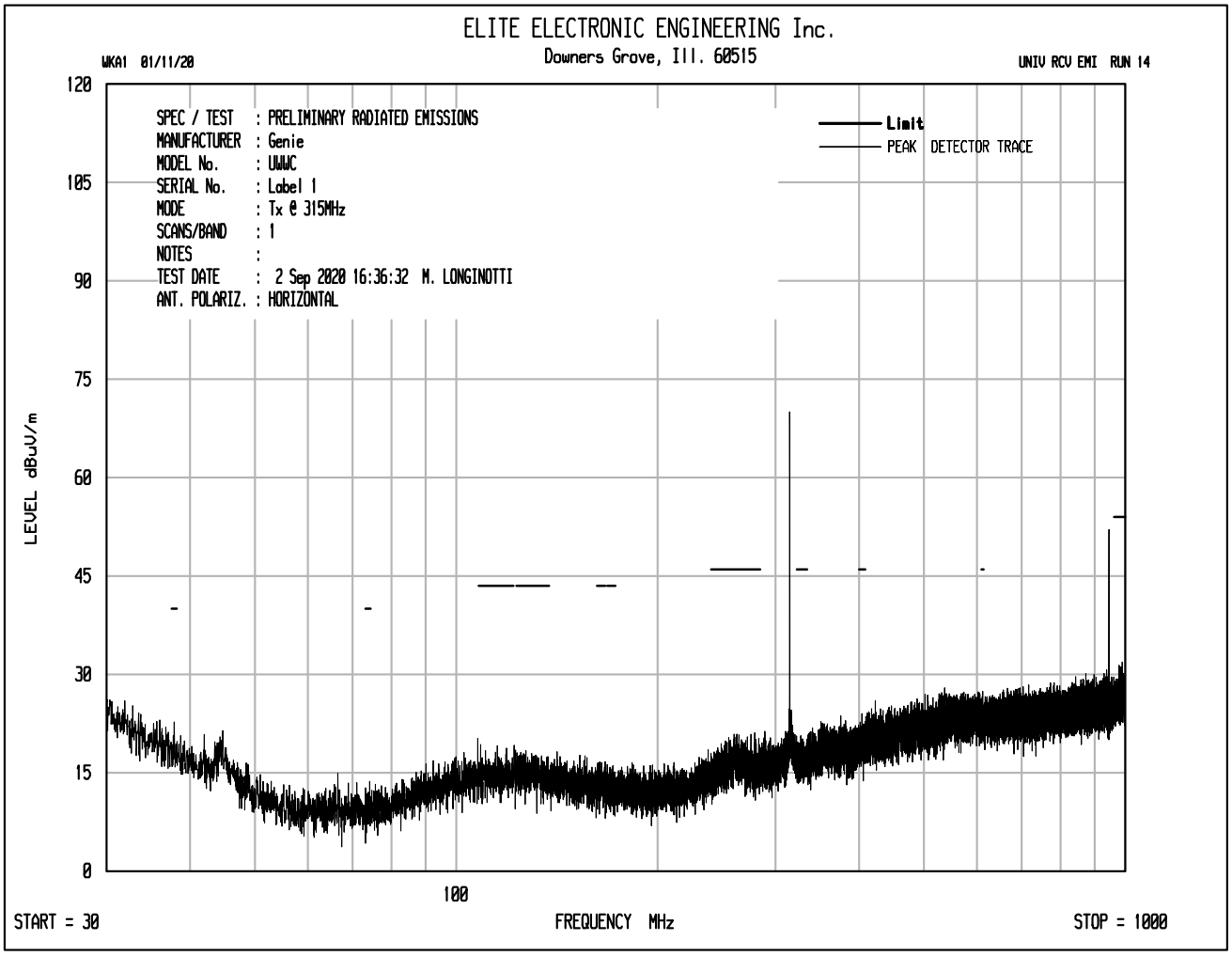

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 63
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 15:28:02 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

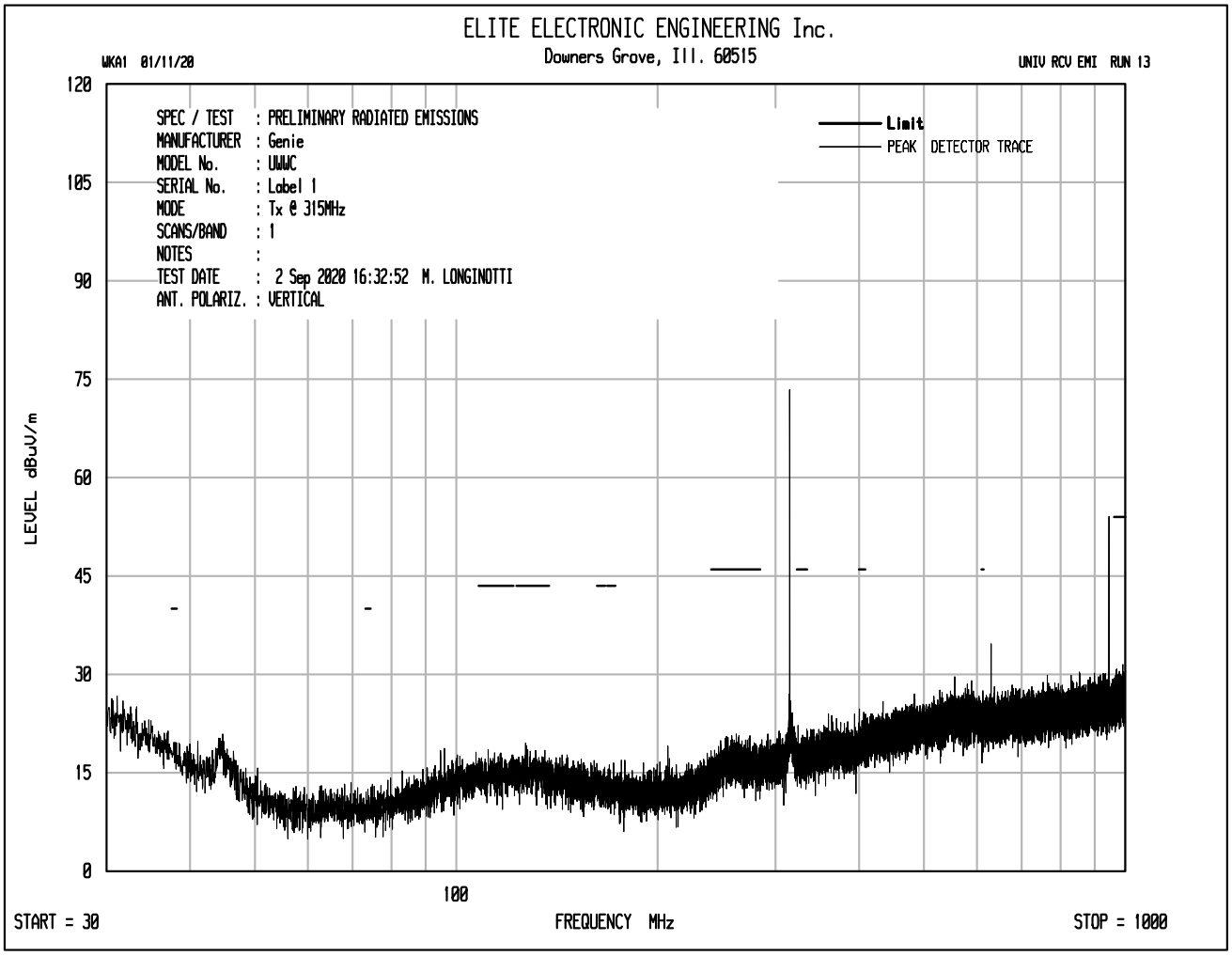

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 20
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 15:09:18 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

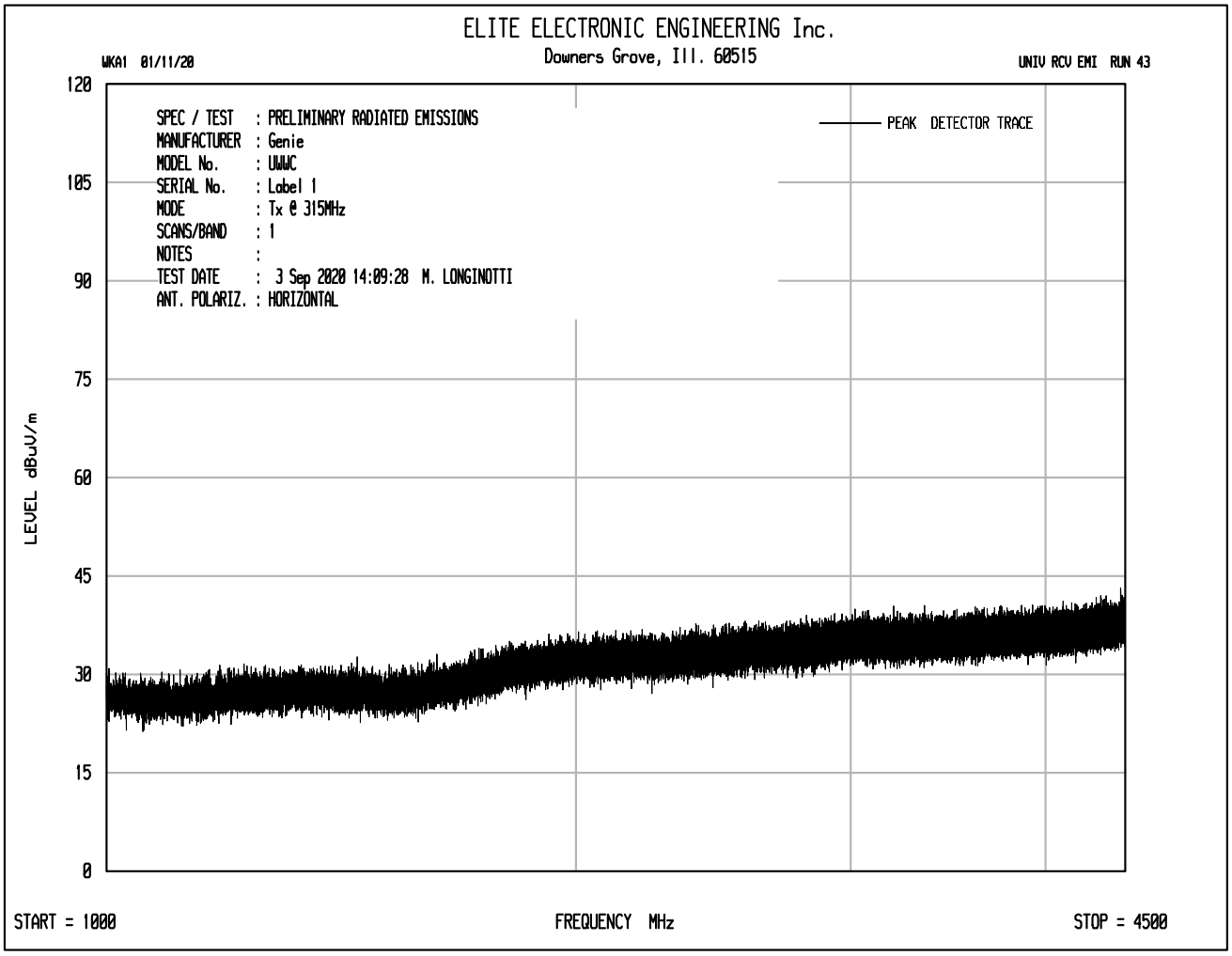

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 19
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 310MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 15:05:03 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

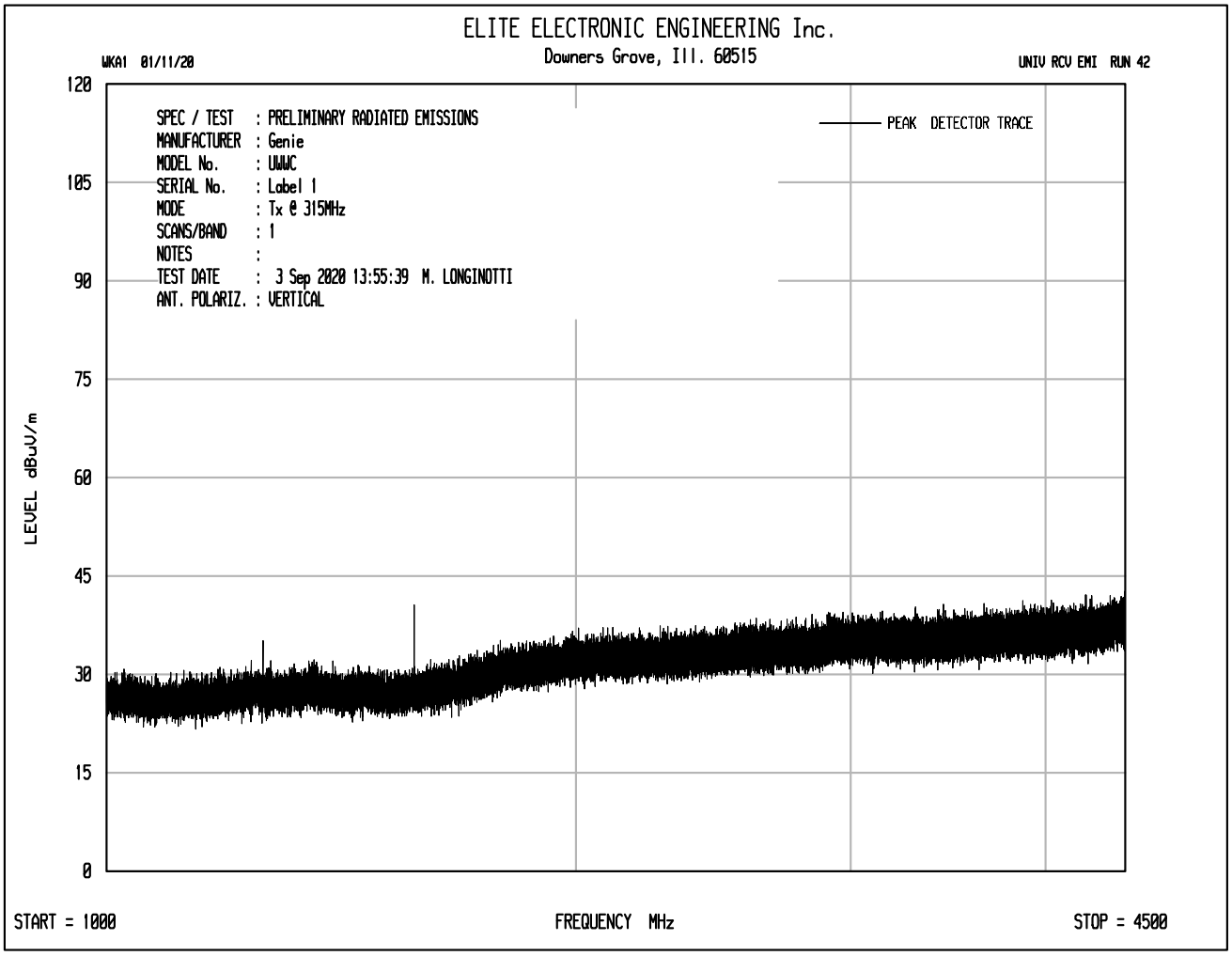
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 310MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
310.000	H	48.5		0.9	19.7	0.0	0.0	69.1	2847.8	5833.3	-6.2
310.000	V	52.0		0.9	19.7	0.0	0.0	72.6	4261.0	5833.3	-2.7
930.000	H	24.3		1.6	26.7	0.0	0.0	52.6	426.0	583.3	-2.7
930.000	V	23.9		1.6	26.7	0.0	0.0	52.2	406.8	583.3	-3.1
1240.000	H	14.8		1.8	29.8	0.0	0.0	46.4	209.2	500.0	-7.6
1240.000	V	15.0		1.8	29.8	0.0	0.0	46.6	214.1	500.0	-7.4
1550.000	H	16.3		2.1	29.0	0.0	0.0	47.3	233.0	500.0	-6.6
1550.000	V	18.7		2.1	29.0	0.0	0.0	49.7	307.1	500.0	-4.2


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 14
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 16:36:32 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

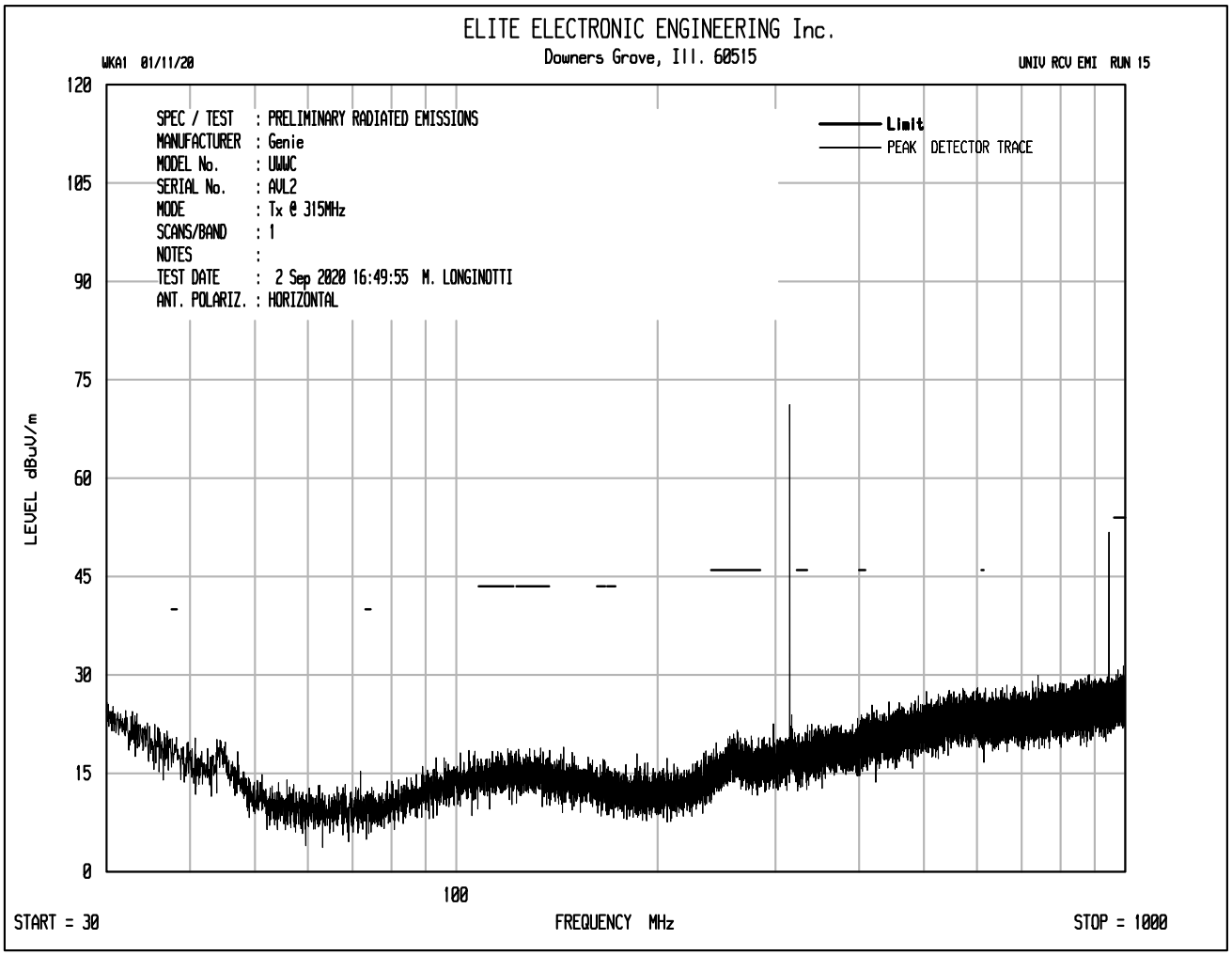

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 13
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 16:32:52 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

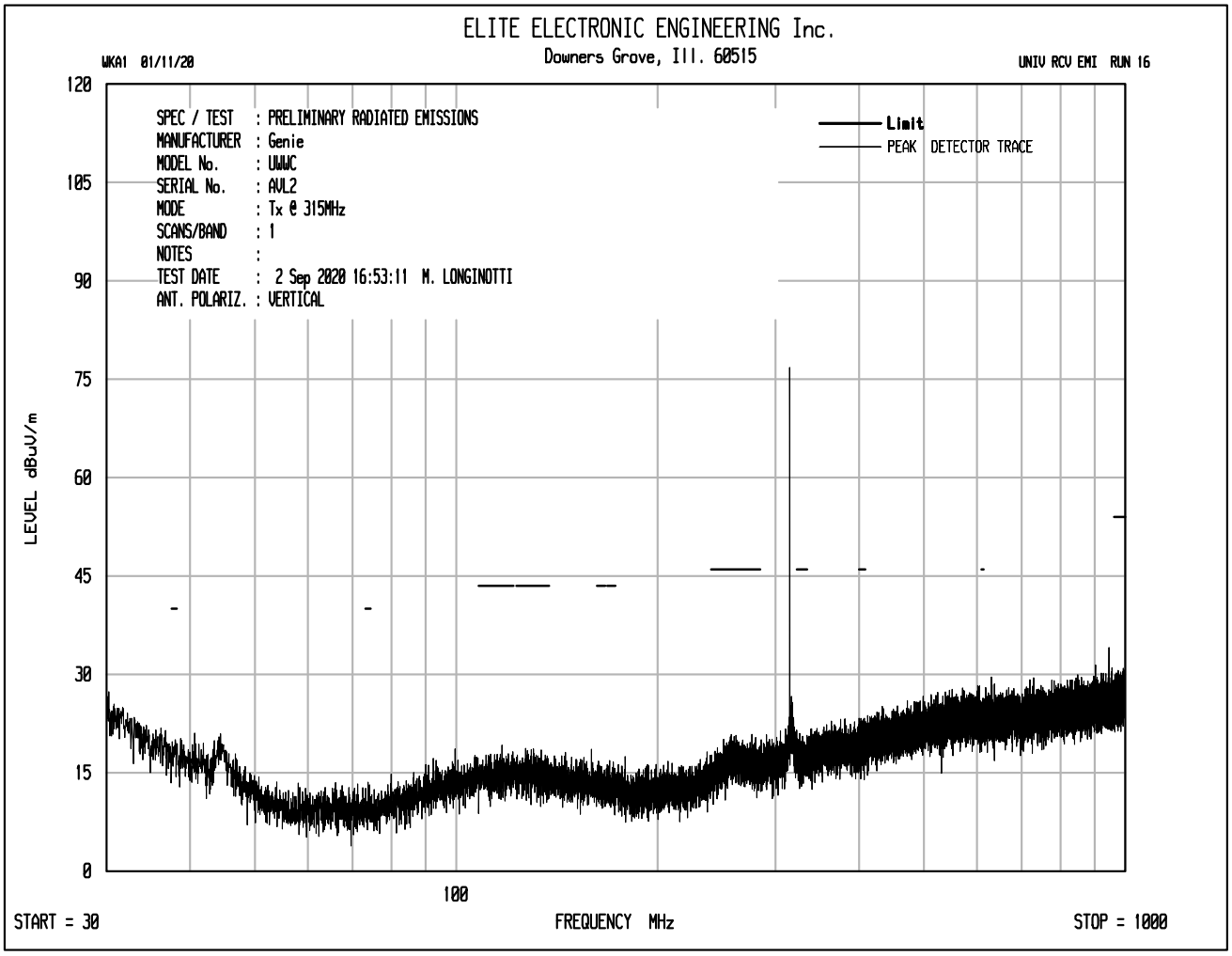

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 43
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 14:09:28 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

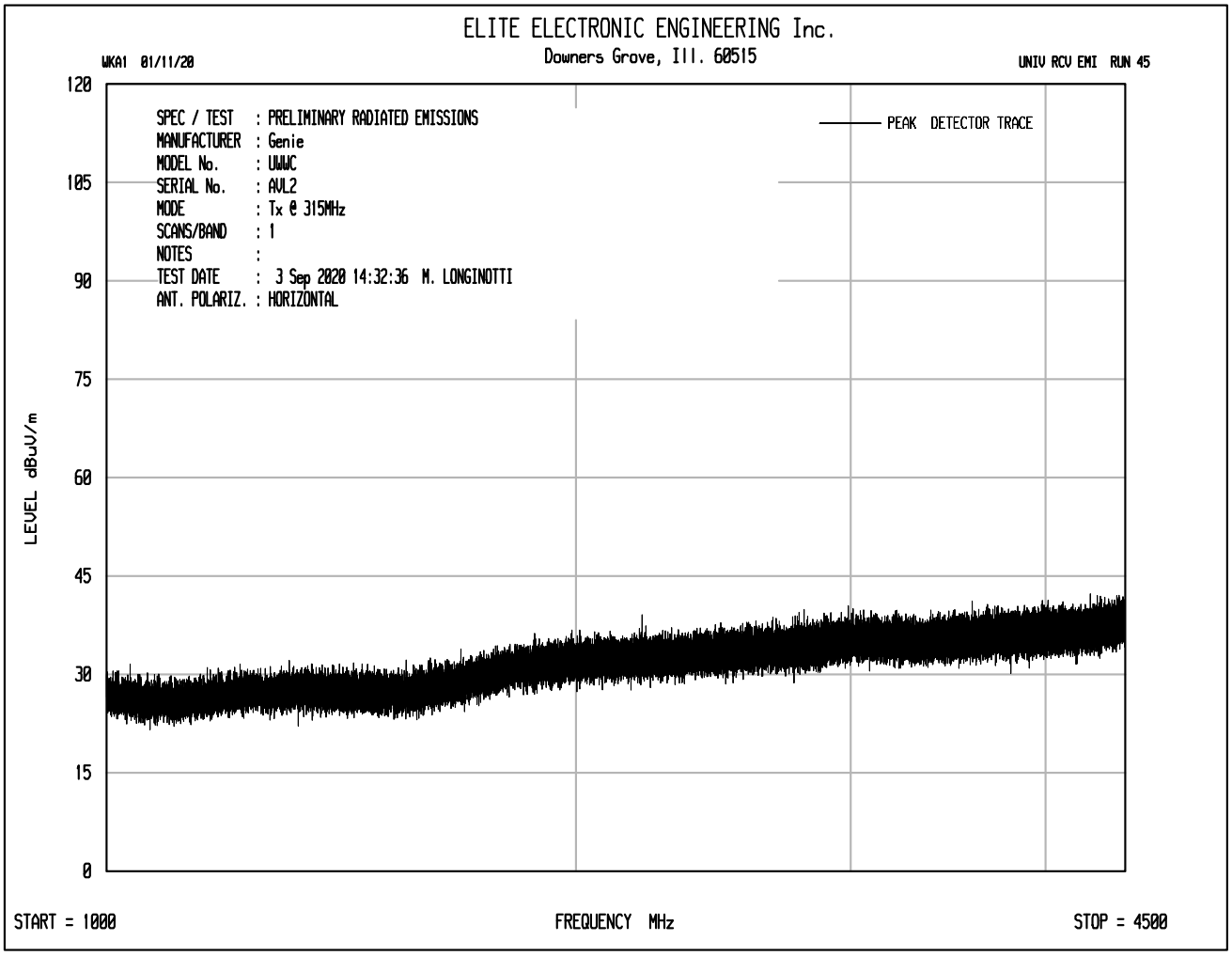

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 42
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 13:55:39 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

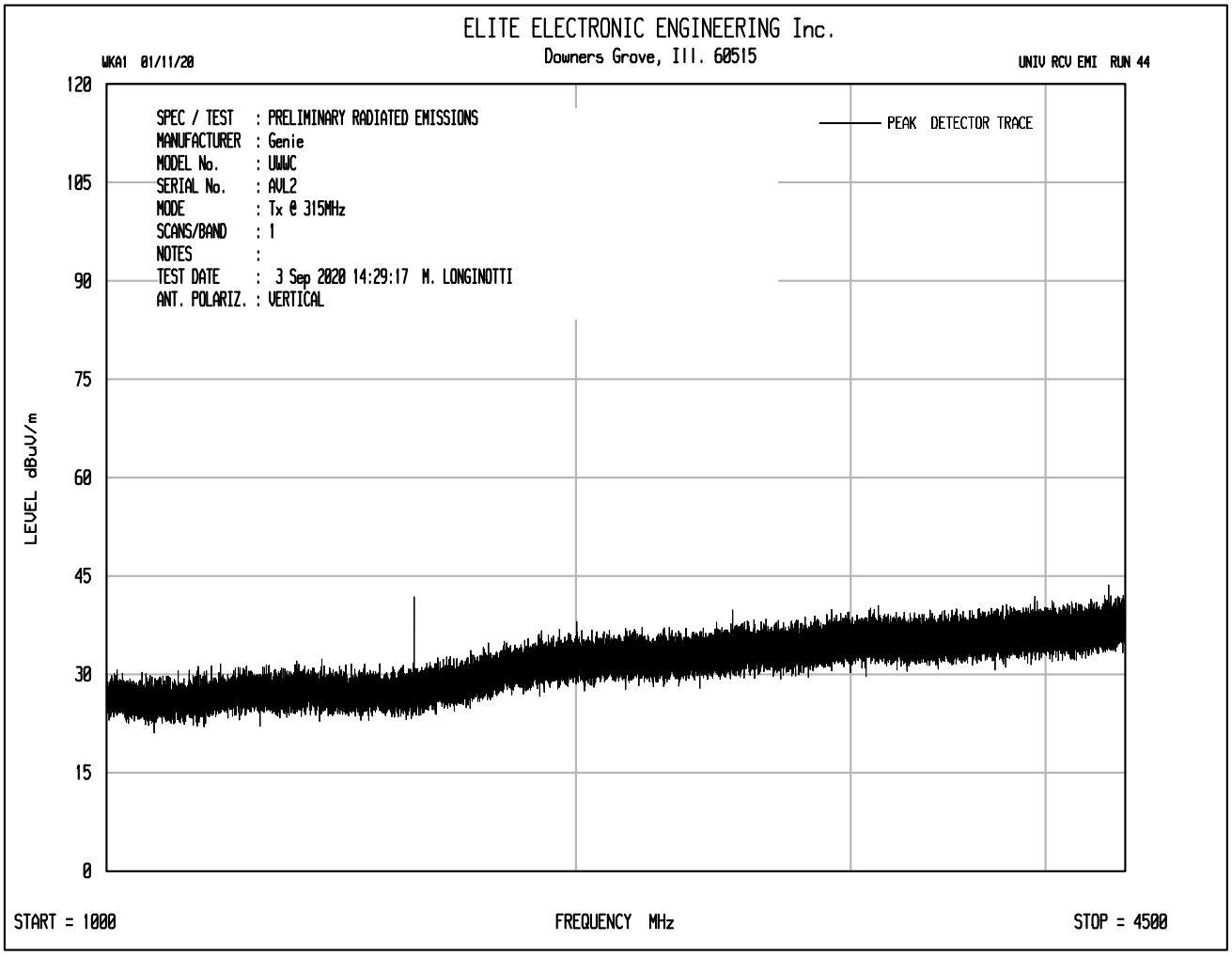
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 315MHz
Protocol	Chamberlain Purple Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	50.7		0.9	19.7	0.0	-7.1	64.2	1620.9	6041.7	-11.4
315.000	V	53.7		0.9	19.7	0.0	-7.1	67.2	2289.6	6041.7	-8.4
630.000	H	5.9		1.3	25.1	0.0	-7.1	25.2	18.1	604.2	-30.5
630.000	V	11.6		1.3	25.1	0.0	-7.1	30.9	34.9	604.2	-24.8
945.000	H	27.3		1.6	26.7	0.0	-7.1	48.4	264.5	604.2	-7.2
945.000	V	25.0		1.6	26.7	0.0	-7.1	46.1	203.0	604.2	-9.5
1260.000	H	14.9		1.9	29.8	0.0	-7.1	39.4	93.7	604.2	-16.2
1260.000	V	15.5		1.9	29.8	0.0	-7.1	40.0	100.4	604.2	-15.6
1575.000	H	17.0		2.1	29.3	0.0	-7.1	41.3	115.8	500.0	-12.7
1575.000	V	19.5		2.1	29.3	0.0	-7.1	43.8	154.4	500.0	-10.2
1890.000	H	16.7	Ambient	2.3	32.5	0.0	-7.1	44.4	165.4	604.2	-11.3
1890.000	V	15.9	Ambient	2.3	32.5	0.0	-7.1	43.6	150.9	604.2	-12.1
2205.000	H	17.1	Ambient	2.5	32.8	0.0	-7.1	45.2	182.3	500.0	-8.8
2205.000	V	17.3	Ambient	2.5	32.8	0.0	-7.1	45.4	186.6	500.0	-8.6
2520.000	H	17.2	Ambient	2.7	33.2	0.0	-7.1	46.0	199.2	604.2	-9.6
2520.000	V	17.4	Ambient	2.7	33.2	0.0	-7.1	46.2	203.8	604.2	-9.4
2835.000	H	16.6	Ambient	2.9	32.9	0.0	-7.1	45.2	182.1	500.0	-8.8
2835.000	V	16.8	Ambient	2.9	32.9	0.0	-7.1	45.4	186.3	500.0	-8.6
3150.000	H	17.2	Ambient	3.0	34.3	0.0	-7.1	47.4	233.1	604.2	-8.3
3150.000	V	17.2	Ambient	3.0	34.3	0.0	-7.1	47.4	233.1	604.2	-8.3


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 15
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AUL2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 16:49:55 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

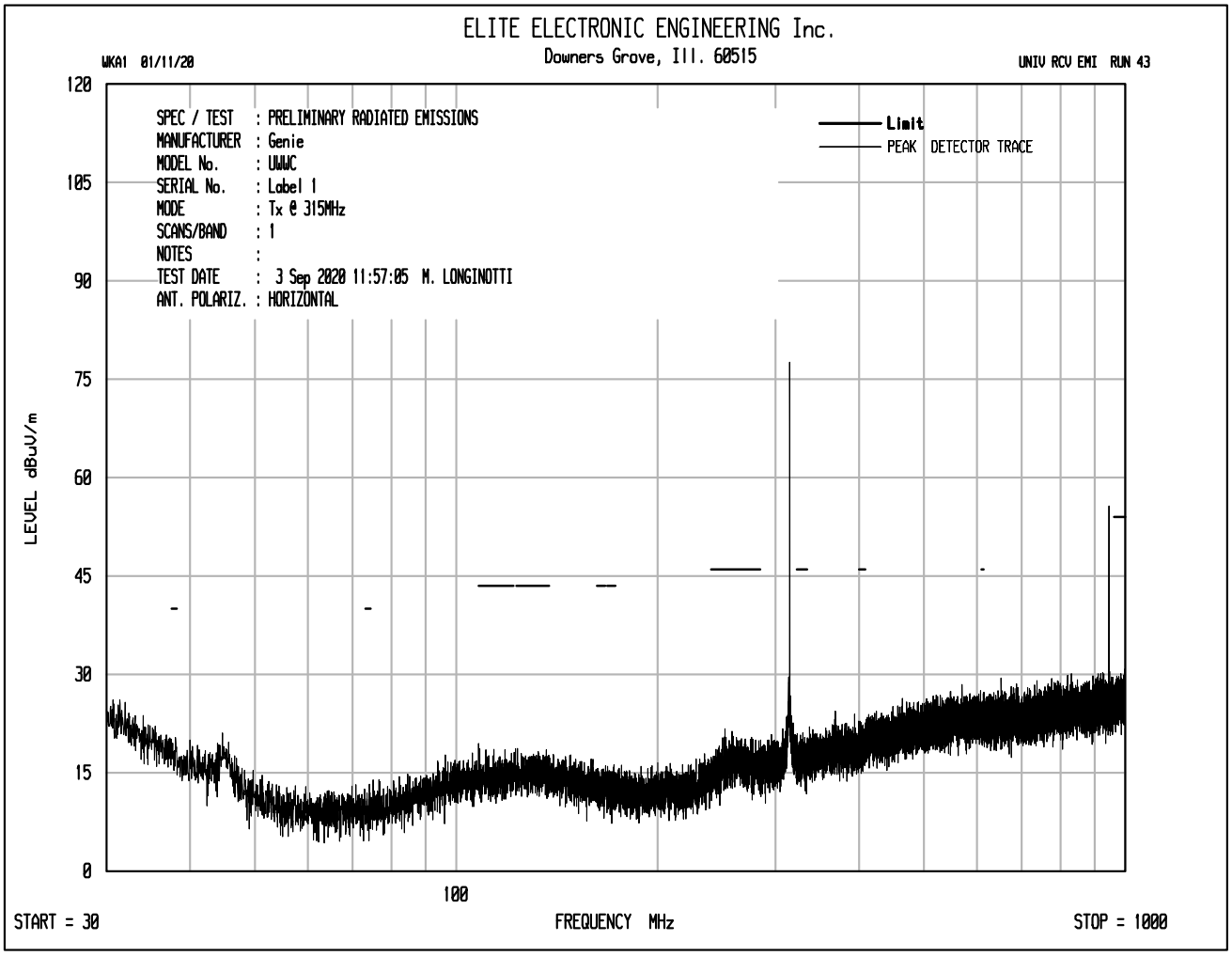

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 16
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 16:53:11 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

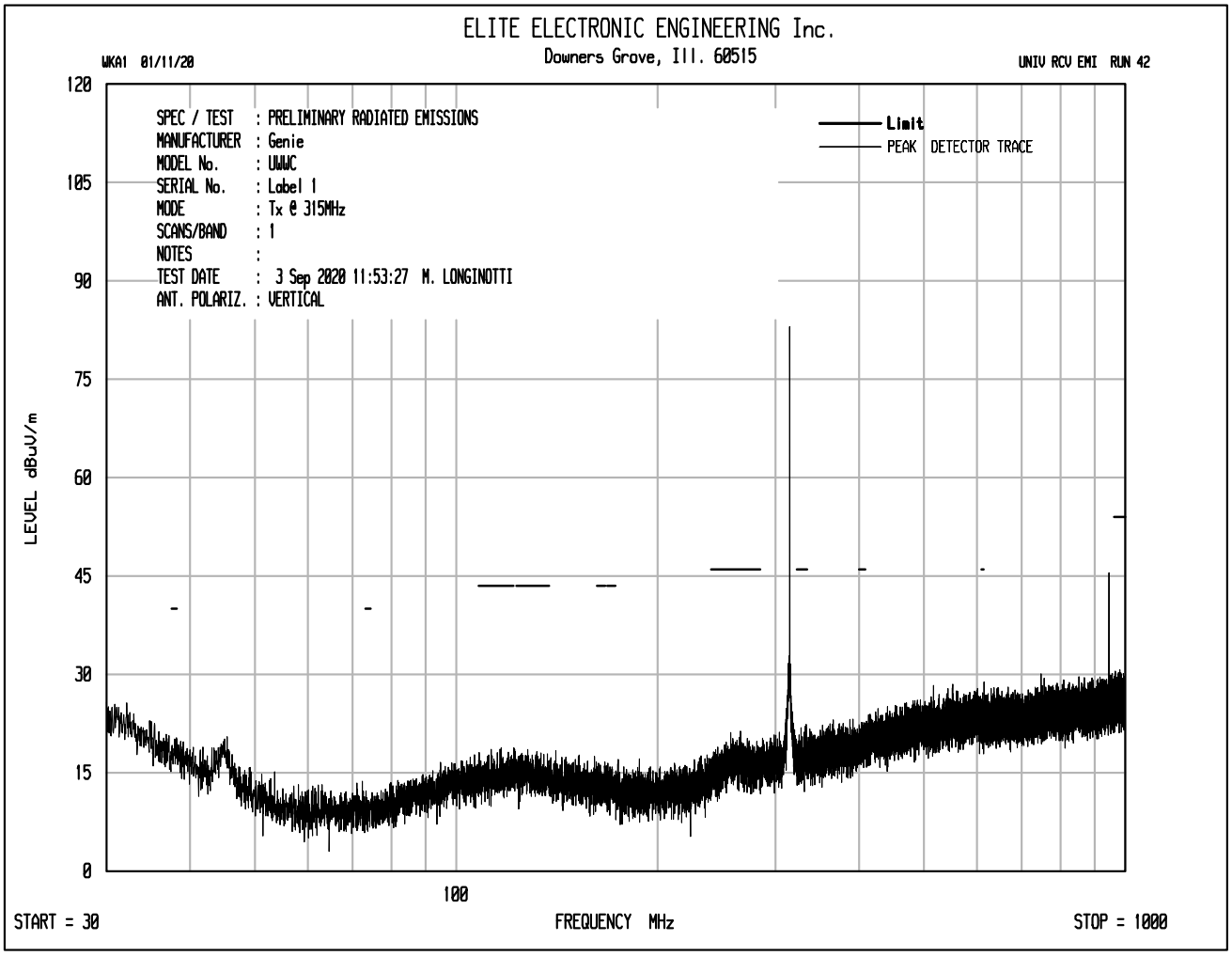

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 45
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 14:32:36 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

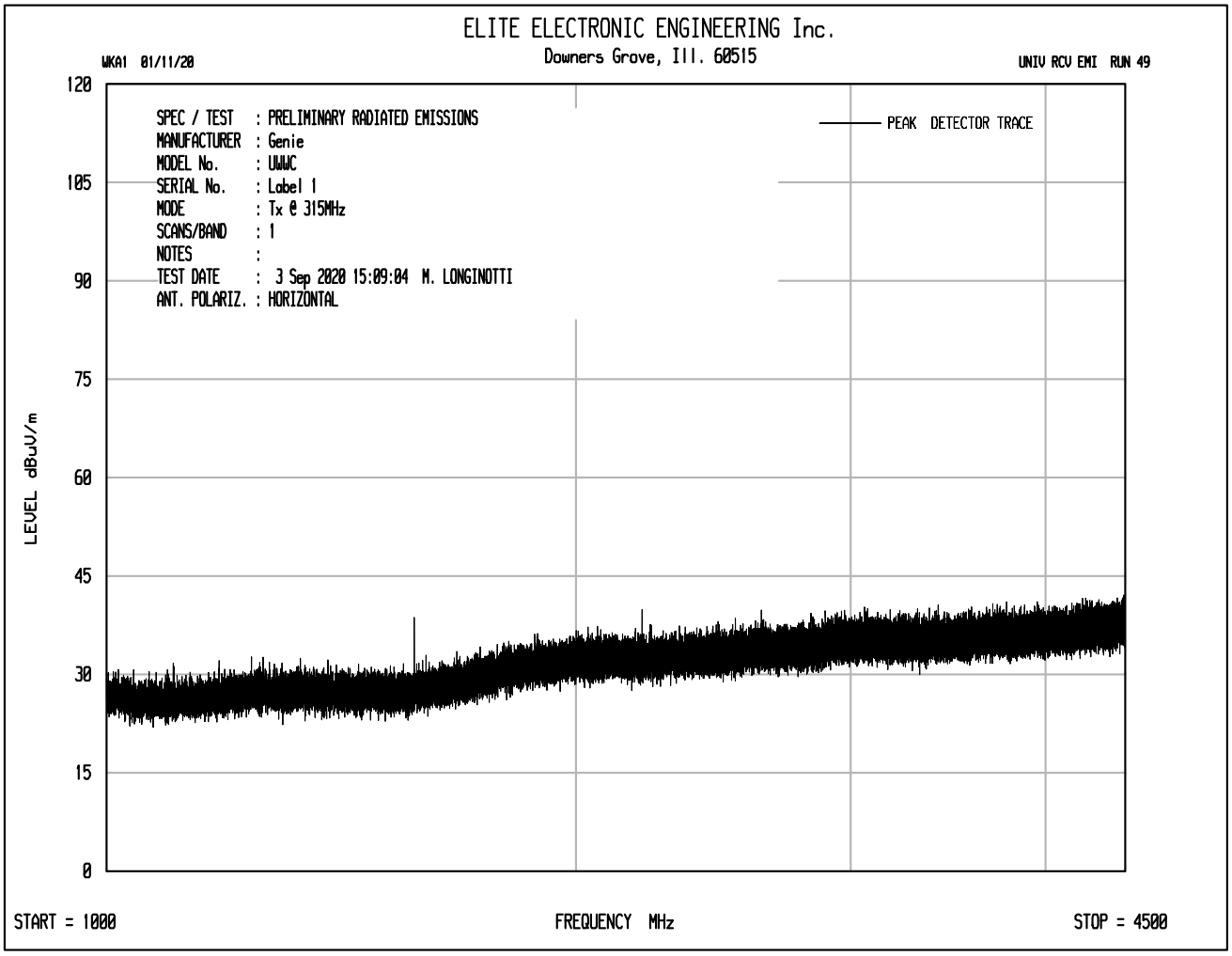

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 44
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 14:29:17 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

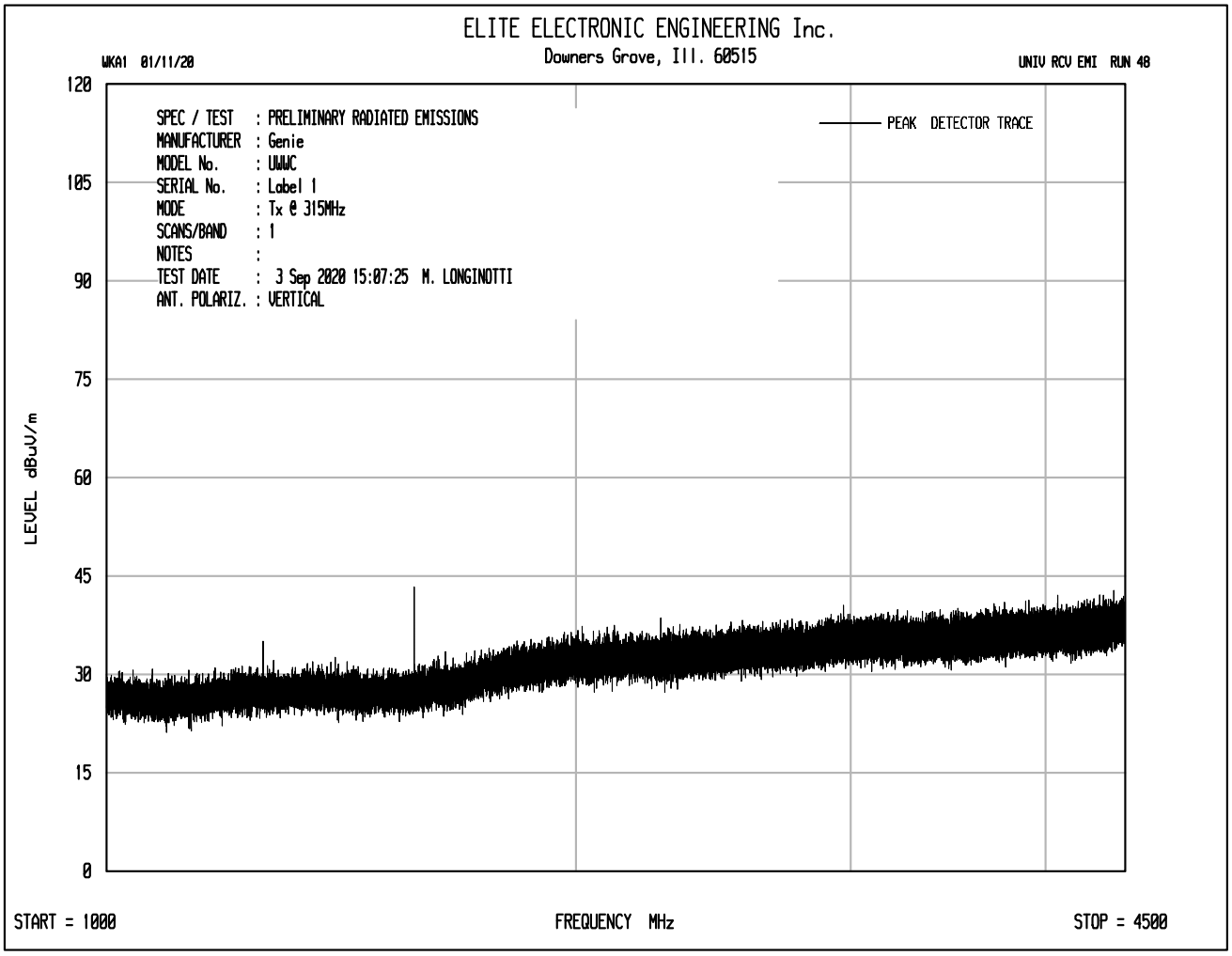
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 315MHz
Protocol	Chamberlain Purple Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	51.9		0.9	19.7	0.0	-7.1	65.4	1861.0	6041.7	-10.2
315.000	V	57.0		0.9	19.7	0.0	-7.1	70.5	3347.7	6041.7	-5.1
945.000	H	26.9		1.6	26.7	0.0	-7.1	48.0	252.6	604.2	-7.6
945.000	V	27.1		1.6	26.7	0.0	-7.1	48.2	258.5	604.2	-7.4
1260.000	H	14.8		1.9	29.8	0.0	-7.1	39.3	92.6	604.2	-16.3
1260.000	V	16.0		1.9	29.8	0.0	-7.1	40.5	106.3	604.2	-15.1
1575.000	H	16.2		2.1	29.3	0.0	-7.1	40.5	105.6	500.0	-13.5
1575.000	V	18.0		2.1	29.3	0.0	-7.1	42.3	129.9	500.0	-11.7


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 43
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 11:57:05 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 42
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 11:53:27 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 49
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 15:09:04 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 48
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 15:07:25 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 315MHz
Protocol	Genie IC1 Protocol
Notes	

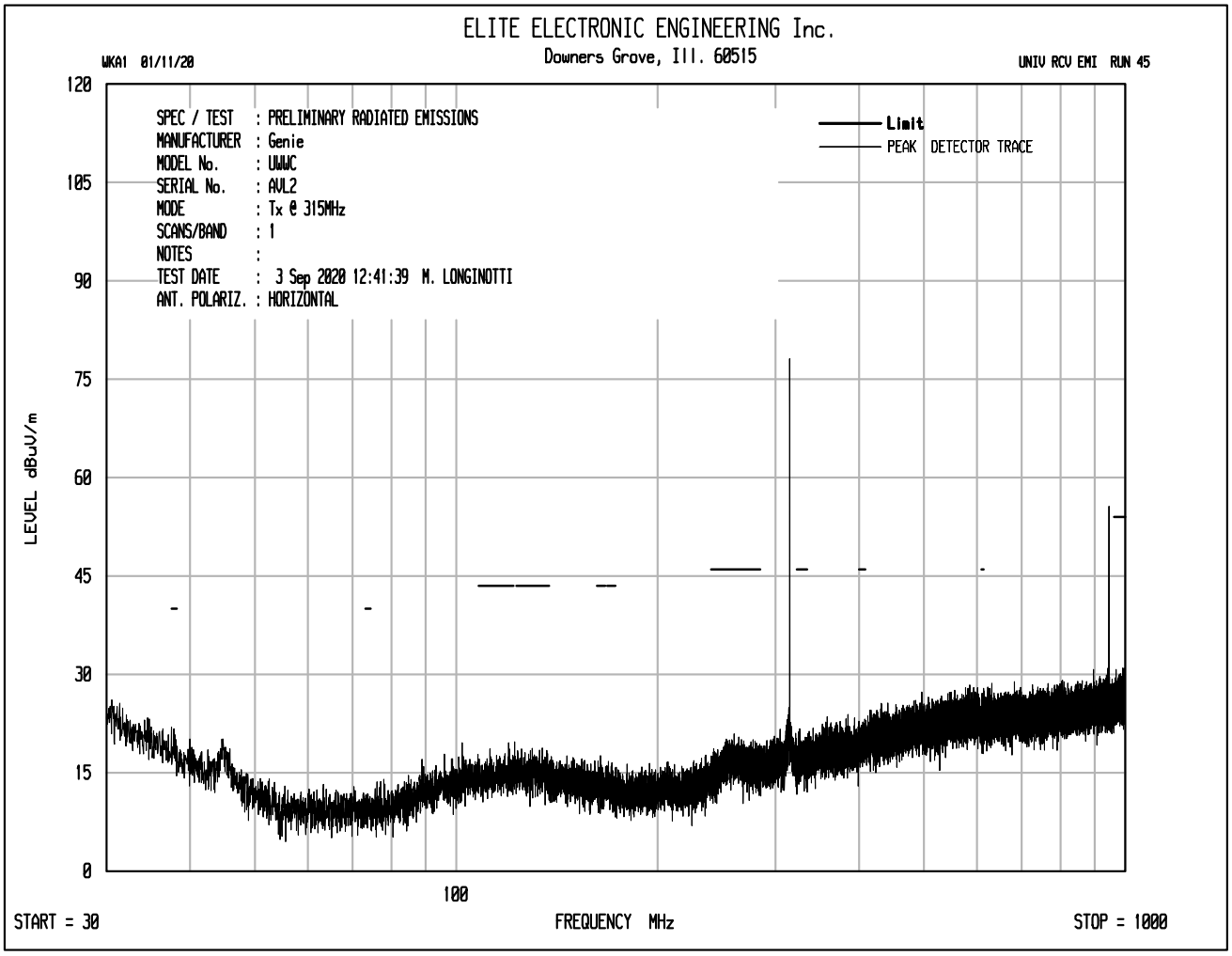
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	57.9		0.9	19.7	0.0	-13.6	65.0	1773.2	6041.7	-10.6
315.000	V	63.0		0.9	19.7	0.0	-13.6	70.1	3189.7	6041.7	-5.5
630.000	H	6.2	Ambient	1.3	25.1	0.0	-13.6	19.0	9.0	604.2	-36.6
630.000	V	10.4		1.3	25.1	0.0	-13.6	23.2	14.5	604.2	-32.4
945.000	H	29.4		1.6	26.7	0.0	-13.6	44.1	160.8	604.2	-11.5
945.000	V	28.0		1.6	26.7	0.0	-13.6	42.7	136.9	604.2	-12.9
1260.000	H	14.8	Ambient	1.9	29.8	0.0	-13.6	32.9	44.2	604.2	-22.7
1260.000	V	16.4		1.9	29.8	0.0	-13.6	34.5	53.2	604.2	-21.1
1575.000	H	17.6		2.1	29.3	0.0	-13.6	35.5	59.2	500.0	-18.5
1575.000	V	20.2		2.1	29.3	0.0	-13.6	38.1	79.9	500.0	-15.9
1890.000	H	16.3	Ambient	2.3	32.5	0.0	-13.6	37.6	75.4	604.2	-18.1
1890.000	V	15.9	Ambient	2.3	32.5	0.0	-13.6	37.2	72.0	604.2	-18.5
2205.000	H	16.8	Ambient	2.5	32.8	0.0	-13.6	38.5	84.1	500.0	-15.5
2205.000	V	17.0	Ambient	2.5	32.8	0.0	-13.6	38.7	86.1	500.0	-15.3
2520.000	H	16.4	Ambient	2.7	33.2	0.0	-13.6	38.8	86.8	604.2	-16.9
2520.000	V	17.3	Ambient	2.7	33.2	0.0	-13.6	39.7	96.2	604.2	-16.0
2835.000	H	16.9	Ambient	2.9	32.9	0.0	-13.6	39.1	90.0	500.0	-14.9
2835.000	V	17.4	Ambient	2.9	32.9	0.0	-13.6	39.6	95.3	500.0	-14.4
3150.000	H	16.9	Ambient	3.0	34.3	0.0	-13.6	40.6	107.5	604.2	-15.0
3150.000	V	17.6	Ambient	3.0	34.3	0.0	-13.6	41.3	116.6	604.2	-14.3

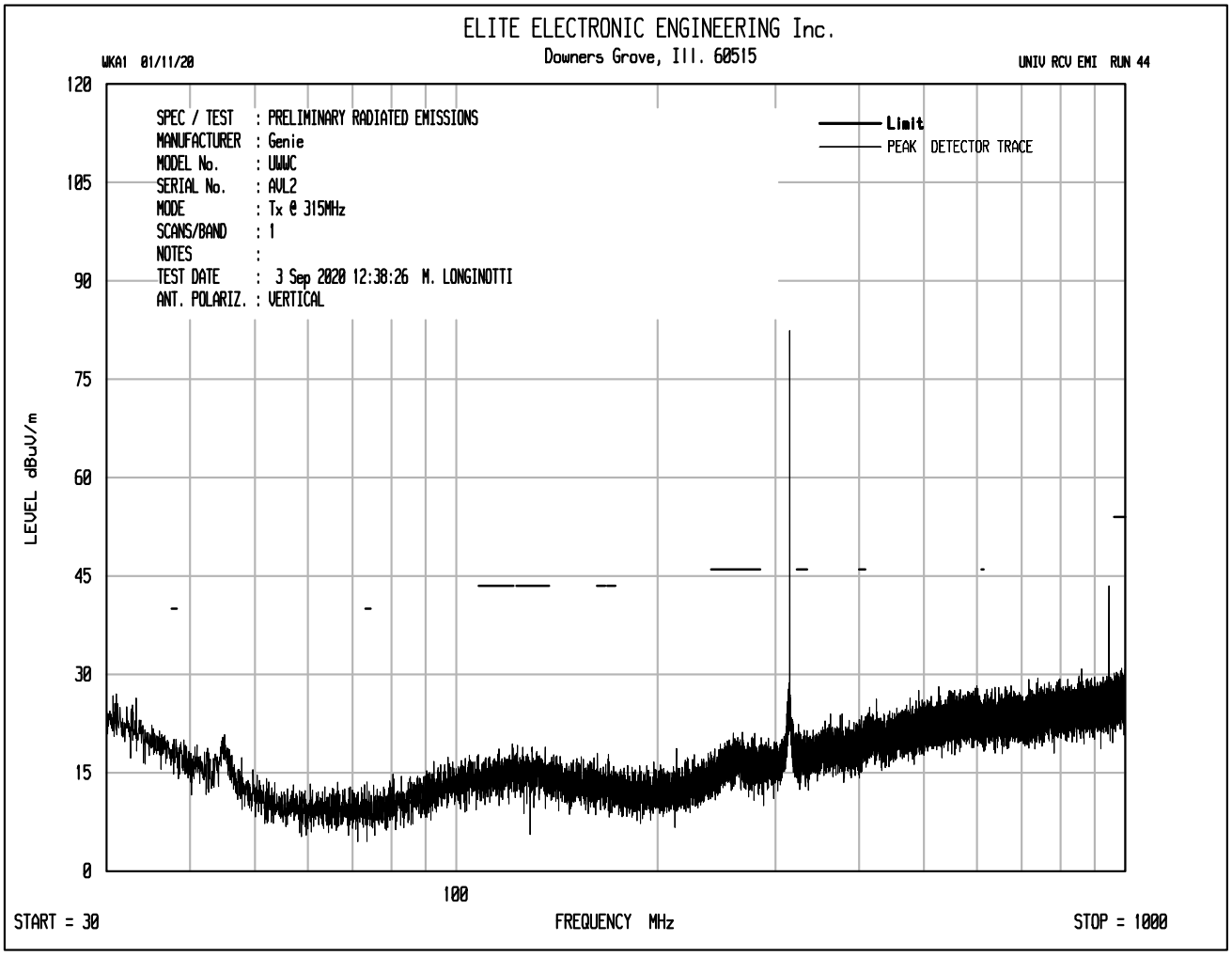
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 315MHz
Protocol	Genie IC2 Protocol
Notes	

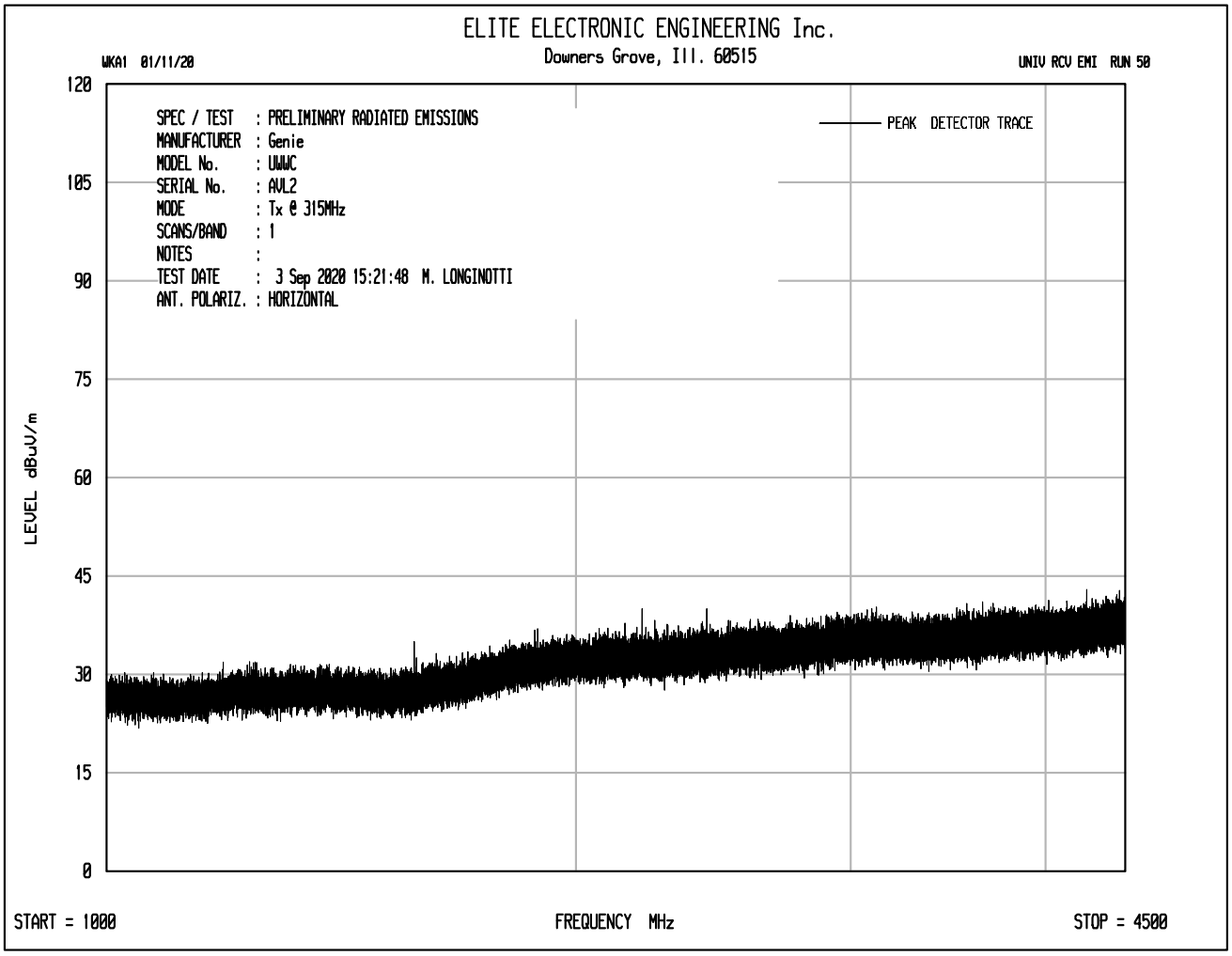
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	57.9		0.9	19.7	0.0	-12.4	66.1	2024.2	6041.7	-9.5
315.000	V	63.0		0.9	19.7	0.0	-12.4	71.2	3641.3	6041.7	-4.4
630.000	H	6.2	Ambient	1.3	25.1	0.0	-12.4	20.2	10.2	604.2	-35.4
630.000	V	10.4		1.3	25.1	0.0	-12.4	24.4	16.6	604.2	-31.2
945.000	H	29.4		1.6	26.7	0.0	-12.4	45.3	183.6	604.2	-10.3
945.000	V	28.0		1.6	26.7	0.0	-12.4	43.9	156.3	604.2	-11.7
1260.000	H	14.8	Ambient	1.9	29.8	0.0	-12.4	34.1	50.5	604.2	-21.6
1260.000	V	16.4		1.9	29.8	0.0	-12.4	35.7	60.7	604.2	-20.0
1575.000	H	17.6		2.1	29.3	0.0	-12.4	36.6	67.6	500.0	-17.4
1575.000	V	20.2		2.1	29.3	0.0	-12.4	39.2	91.2	500.0	-14.8
1890.000	H	16.3	Ambient	2.3	32.5	0.0	-12.4	38.7	86.1	604.2	-16.9
1890.000	V	15.9	Ambient	2.3	32.5	0.0	-12.4	38.3	82.2	604.2	-17.3
2205.000	H	16.8	Ambient	2.5	32.8	0.0	-12.4	39.6	96.0	500.0	-14.3
2205.000	V	17.0	Ambient	2.5	32.8	0.0	-12.4	39.8	98.2	500.0	-14.1
2520.000	H	16.4	Ambient	2.7	33.2	0.0	-12.4	39.9	99.0	604.2	-15.7
2520.000	V	17.3	Ambient	2.7	33.2	0.0	-12.4	40.8	109.8	604.2	-14.8
2835.000	H	16.9	Ambient	2.9	32.9	0.0	-12.4	40.2	102.7	500.0	-13.7
2835.000	V	17.4	Ambient	2.9	32.9	0.0	-12.4	40.7	108.8	500.0	-13.2
3150.000	H	16.9	Ambient	3.0	34.3	0.0	-12.4	41.8	122.8	604.2	-13.8
3150.000	V	17.6	Ambient	3.0	34.3	0.0	-12.4	42.5	133.1	604.2	-13.1

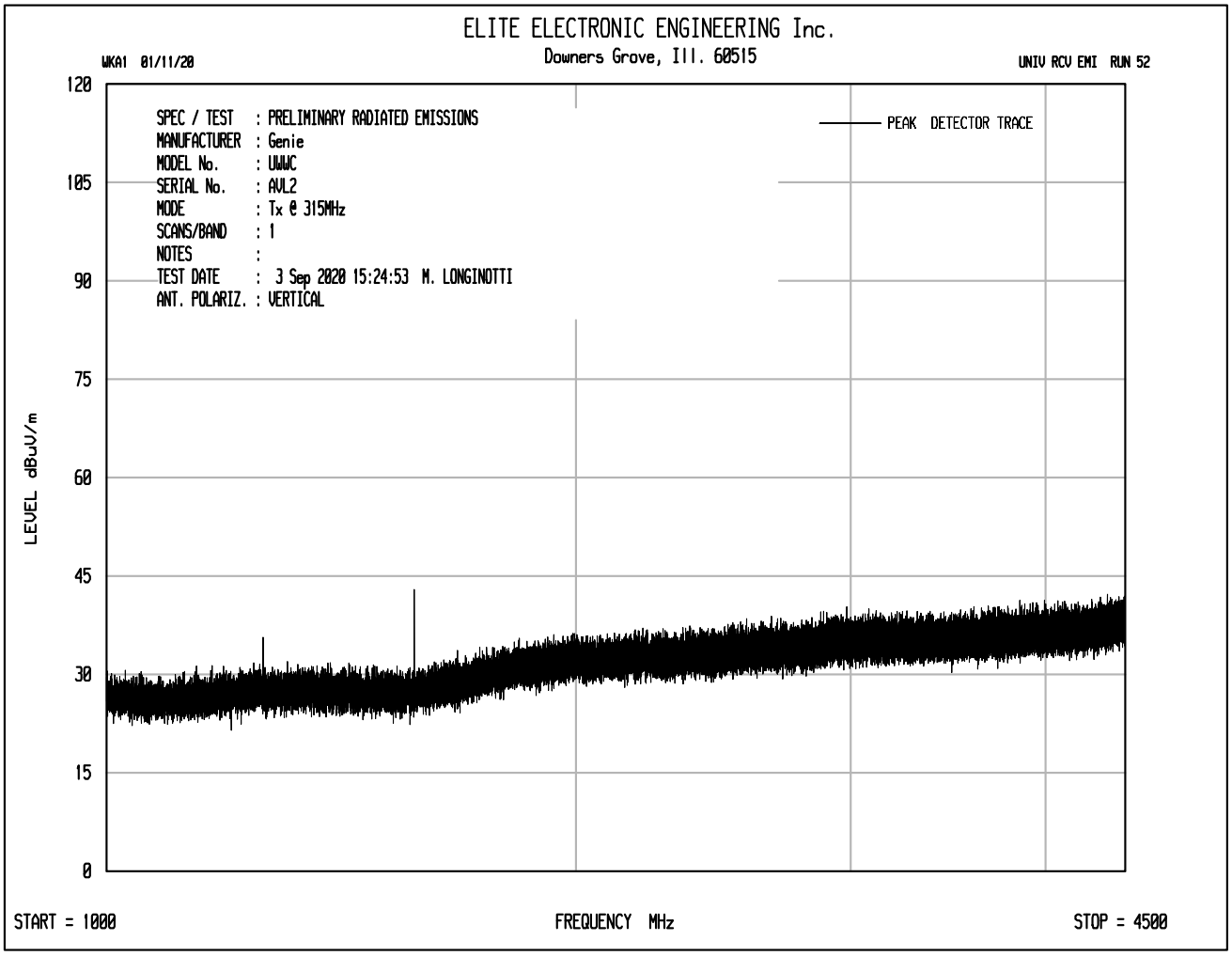
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 315MHz
Protocol	Marantec Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	57.9		0.9	19.7	0.0	-11.6	66.9	2222.0	6041.7	-8.7
315.000	V	63.0		0.9	19.7	0.0	-11.6	72.0	3997.2	6041.7	-3.6
630.000	H	6.2	Ambient	1.3	25.1	0.0	-11.6	21.0	11.2	604.2	-34.6
630.000	V	10.4		1.3	25.1	0.0	-11.6	25.2	18.2	604.2	-30.4
945.000	H	29.4		1.6	26.7	0.0	-11.6	46.1	201.6	604.2	-9.5
945.000	V	28.0		1.6	26.7	0.0	-11.6	44.7	171.6	604.2	-10.9
1260.000	H	14.8	Ambient	1.9	29.8	0.0	-11.6	34.9	55.4	604.2	-20.8
1260.000	V	16.4		1.9	29.8	0.0	-11.6	36.5	66.6	604.2	-19.2
1575.000	H	17.6		2.1	29.3	0.0	-11.6	37.4	74.2	500.0	-16.6
1575.000	V	20.2		2.1	29.3	0.0	-11.6	40.0	100.1	500.0	-14.0
1890.000	H	16.3	Ambient	2.3	32.5	0.0	-11.6	39.5	94.5	604.2	-16.1
1890.000	V	15.9	Ambient	2.3	32.5	0.0	-11.6	39.1	90.3	604.2	-16.5
2205.000	H	16.8	Ambient	2.5	32.8	0.0	-11.6	40.5	105.4	500.0	-13.5
2205.000	V	17.0	Ambient	2.5	32.8	0.0	-11.6	40.7	107.8	500.0	-13.3
2520.000	H	16.4	Ambient	2.7	33.2	0.0	-11.6	40.7	108.7	604.2	-14.9
2520.000	V	17.3	Ambient	2.7	33.2	0.0	-11.6	41.6	120.6	604.2	-14.0
2835.000	H	16.9	Ambient	2.9	32.9	0.0	-11.6	41.0	112.8	500.0	-12.9
2835.000	V	17.4	Ambient	2.9	32.9	0.0	-11.6	41.5	119.5	500.0	-12.4
3150.000	H	16.9	Ambient	3.0	34.3	0.0	-11.6	42.6	134.8	604.2	-13.0
3150.000	V	17.6	Ambient	3.0	34.3	0.0	-11.6	43.3	146.1	604.2	-12.3


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 45
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 12:41:39 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 44
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 12:38:26 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 50
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 15:21:48 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 52
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 15:24:53 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 315MHz
Protocol	Genie IC1 Protocol
Notes	

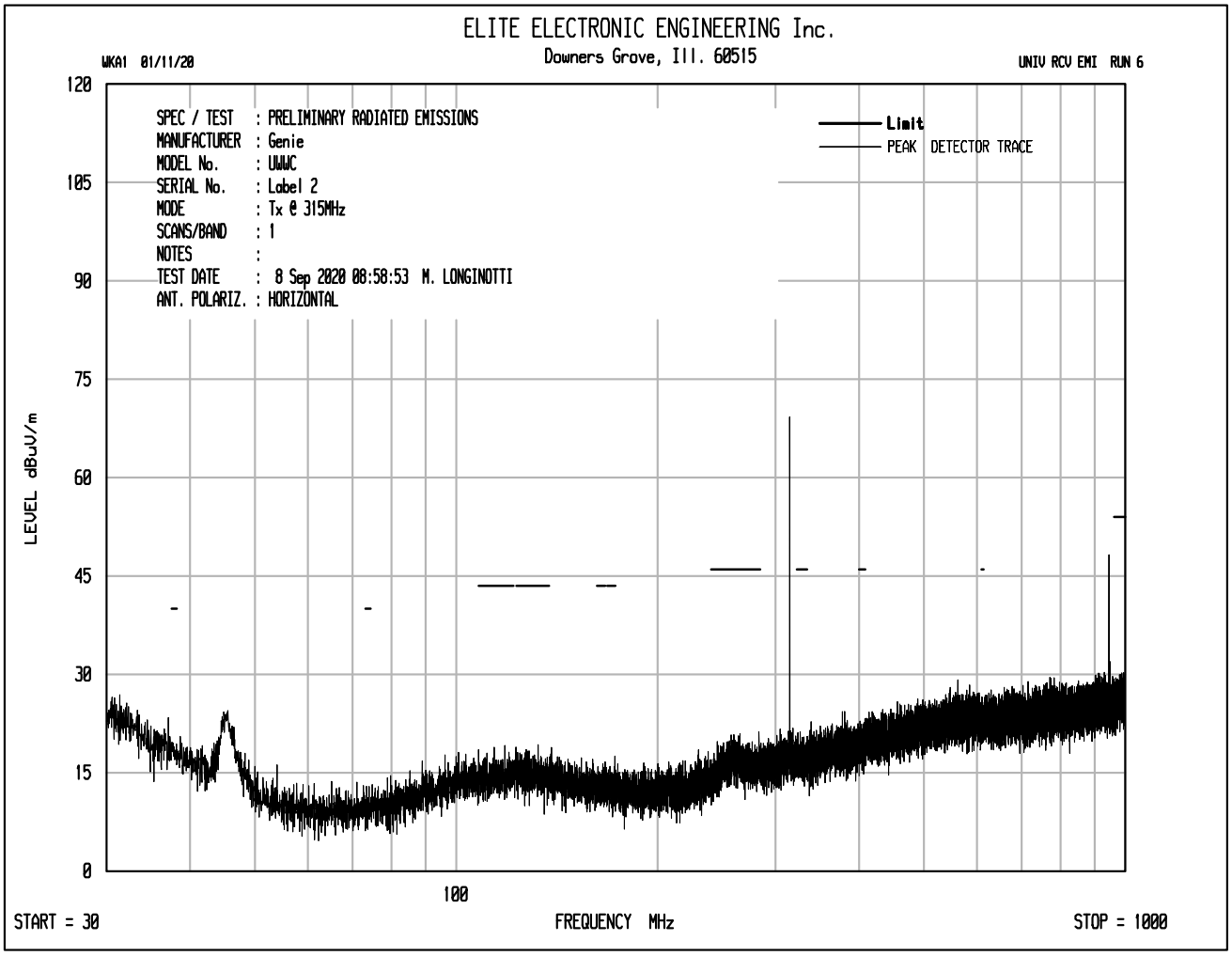
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	58.7		0.9	19.7	0.0	-13.6	65.8	1944.3	6041.7	-9.8
315.000	V	62.6		0.9	19.7	0.0	-13.6	69.7	3046.2	6041.7	-5.9
630.000	H	6.5	Ambient	1.3	25.1	0.0	-13.6	19.3	9.3	604.2	-36.3
630.000	V	11.2		1.3	25.1	0.0	-13.6	24.0	15.9	604.2	-31.6
945.000	H	30.1		1.6	26.7	0.0	-13.6	44.8	174.3	604.2	-10.8
945.000	V	29.3		1.6	26.7	0.0	-13.6	44.0	159.0	604.2	-11.6
1260.000	H	13.8	Ambient	1.9	29.8	0.0	-13.6	31.9	39.4	604.2	-23.7
1260.000	V	16.2		1.9	29.8	0.0	-13.6	34.3	51.9	604.2	-21.3
1575.000	H	17.3		2.1	29.3	0.0	-13.6	35.2	57.2	500.0	-18.8
1575.000	V	19.9		2.1	29.3	0.0	-13.6	37.8	77.2	500.0	-16.2

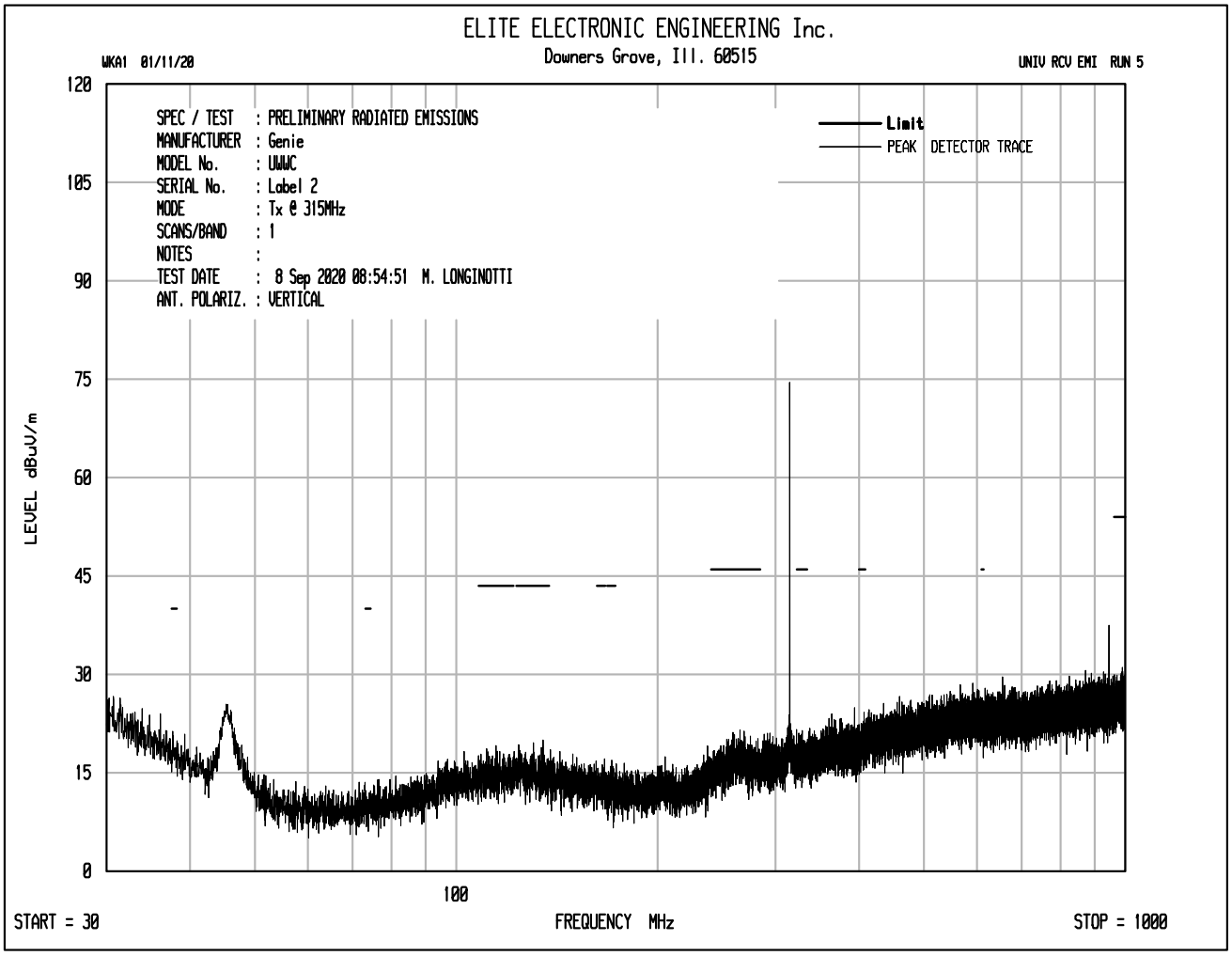
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 315MHz
Protocol	Genie IC2 Protocol
Notes	

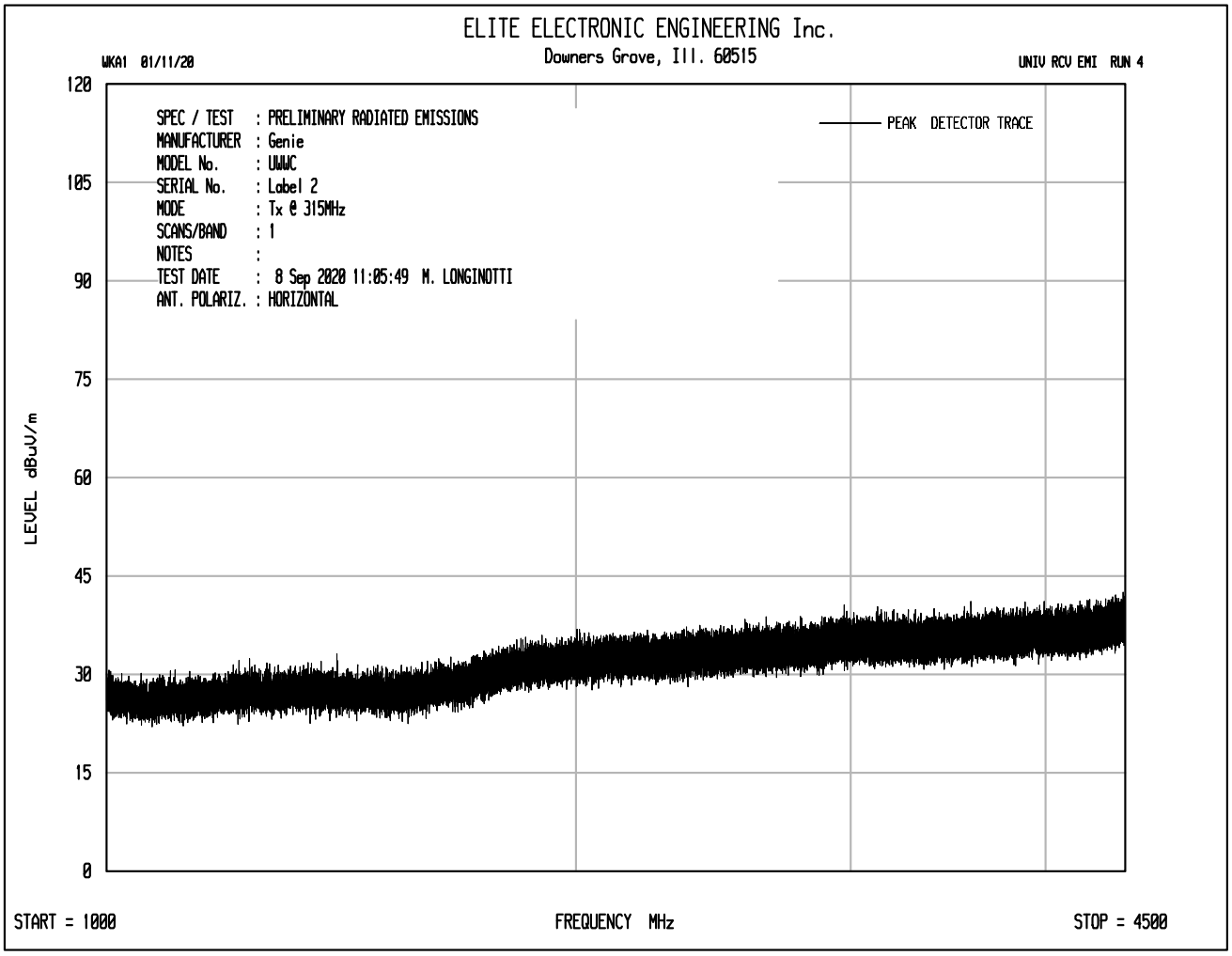
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	58.7		0.9	19.7	0.0	-12.4	66.9	2219.5	6041.7	-8.7
315.000	V	62.6		0.9	19.7	0.0	-12.4	70.8	3477.4	6041.7	-4.8
630.000	H	6.5	Ambient	1.3	25.1	0.0	-12.4	20.5	10.6	604.2	-35.1
630.000	V	11.2		1.3	25.1	0.0	-12.4	25.2	18.2	604.2	-30.4
945.000	H	30.1		1.6	26.7	0.0	-12.4	46.0	199.0	604.2	-9.6
945.000	V	29.3		1.6	26.7	0.0	-12.4	45.2	181.5	604.2	-10.4
1260.000	H	13.8	Ambient	1.9	29.8	0.0	-12.4	33.1	45.0	604.2	-22.6
1260.000	V	16.2		1.9	29.8	0.0	-12.4	35.5	59.3	604.2	-20.2
1575.000	H	17.3		2.1	29.3	0.0	-12.4	36.3	65.3	500.0	-17.7
1575.000	V	19.9		2.1	29.3	0.0	-12.4	38.9	88.1	500.0	-15.1

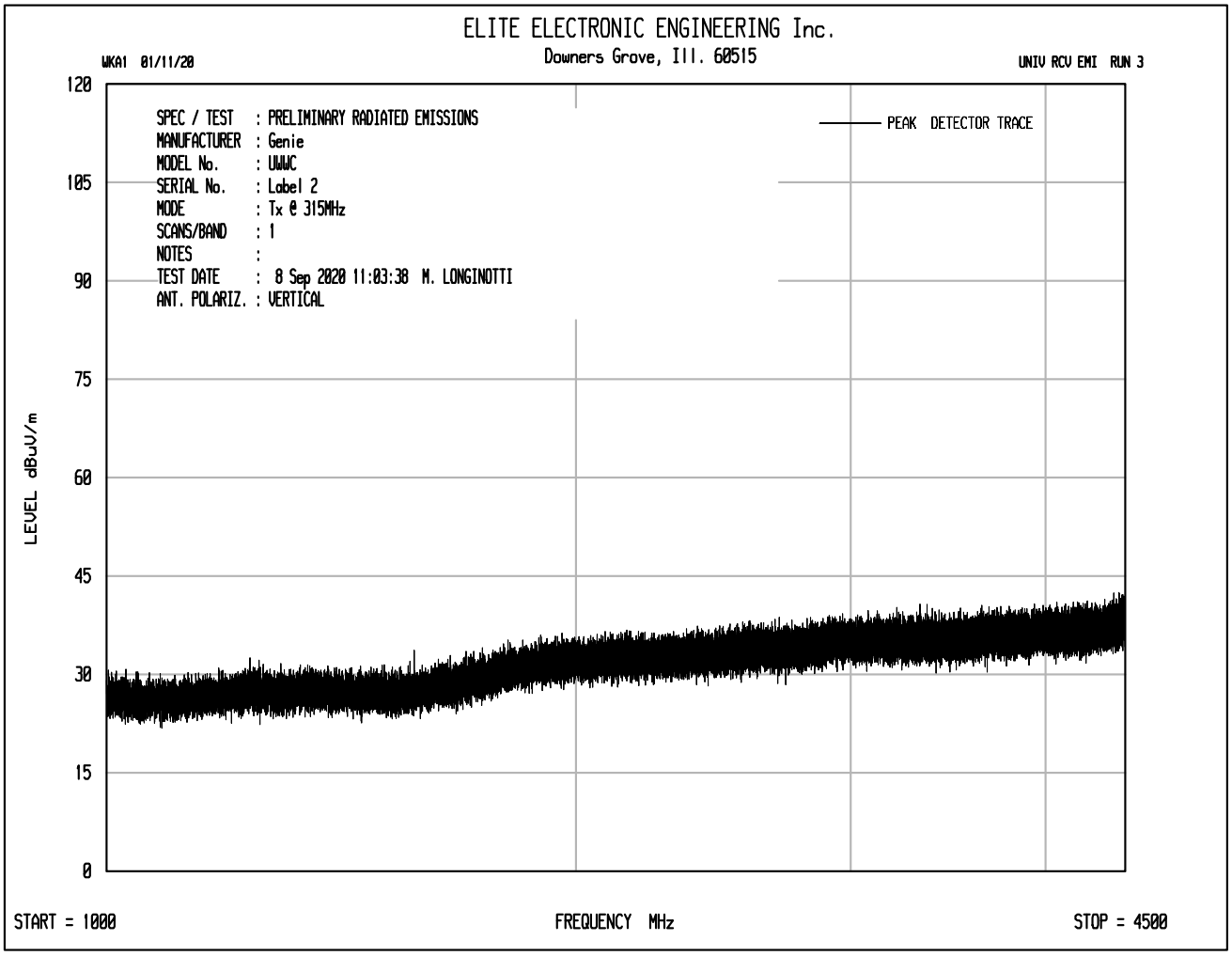
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 315MHz
Protocol	Marantec Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	58.7		0.9	19.7	0.0	-11.6	67.7	2436.4	6041.7	-7.9
315.000	V	62.6		0.9	19.7	0.0	-11.6	71.6	3817.3	6041.7	-4.0
630.000	H	6.5	Ambient	1.3	25.1	0.0	-11.6	21.3	11.6	604.2	-34.3
630.000	V	11.2		1.3	25.1	0.0	-11.6	26.0	20.0	604.2	-29.6
945.000	H	30.1		1.6	26.7	0.0	-11.6	46.8	218.5	604.2	-8.8
945.000	V	29.3		1.6	26.7	0.0	-11.6	46.0	199.3	604.2	-9.6
1260.000	H	13.8	Ambient	1.9	29.8	0.0	-11.6	33.9	49.4	604.2	-21.8
1260.000	V	16.2		1.9	29.8	0.0	-11.6	36.3	65.1	604.2	-19.4
1575.000	H	17.3		2.1	29.3	0.0	-11.6	37.1	71.7	500.0	-16.9
1575.000	V	19.9		2.1	29.3	0.0	-11.6	39.7	96.7	500.0	-14.3


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 6
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 08:58:53 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

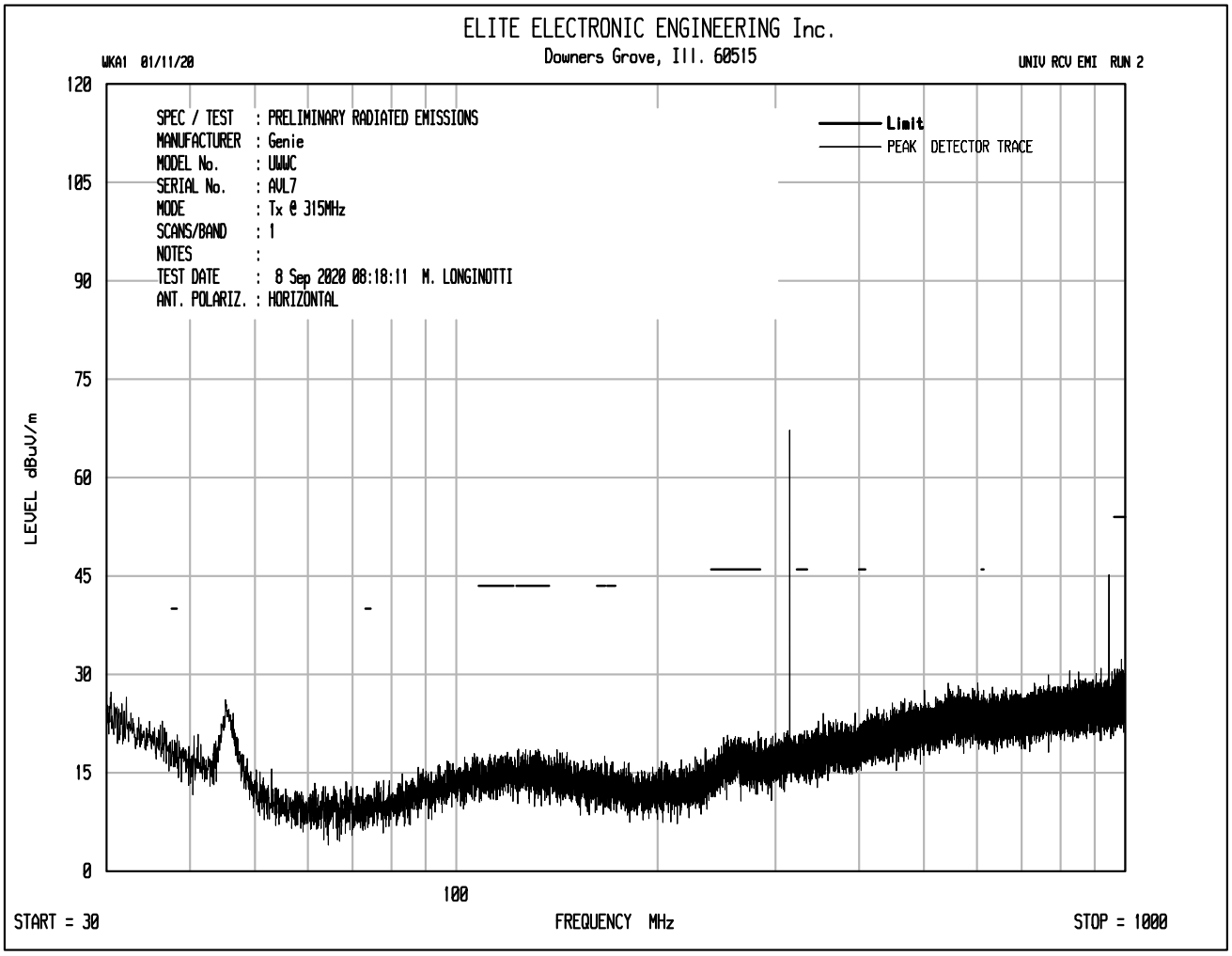

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 5
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 08:54:51 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

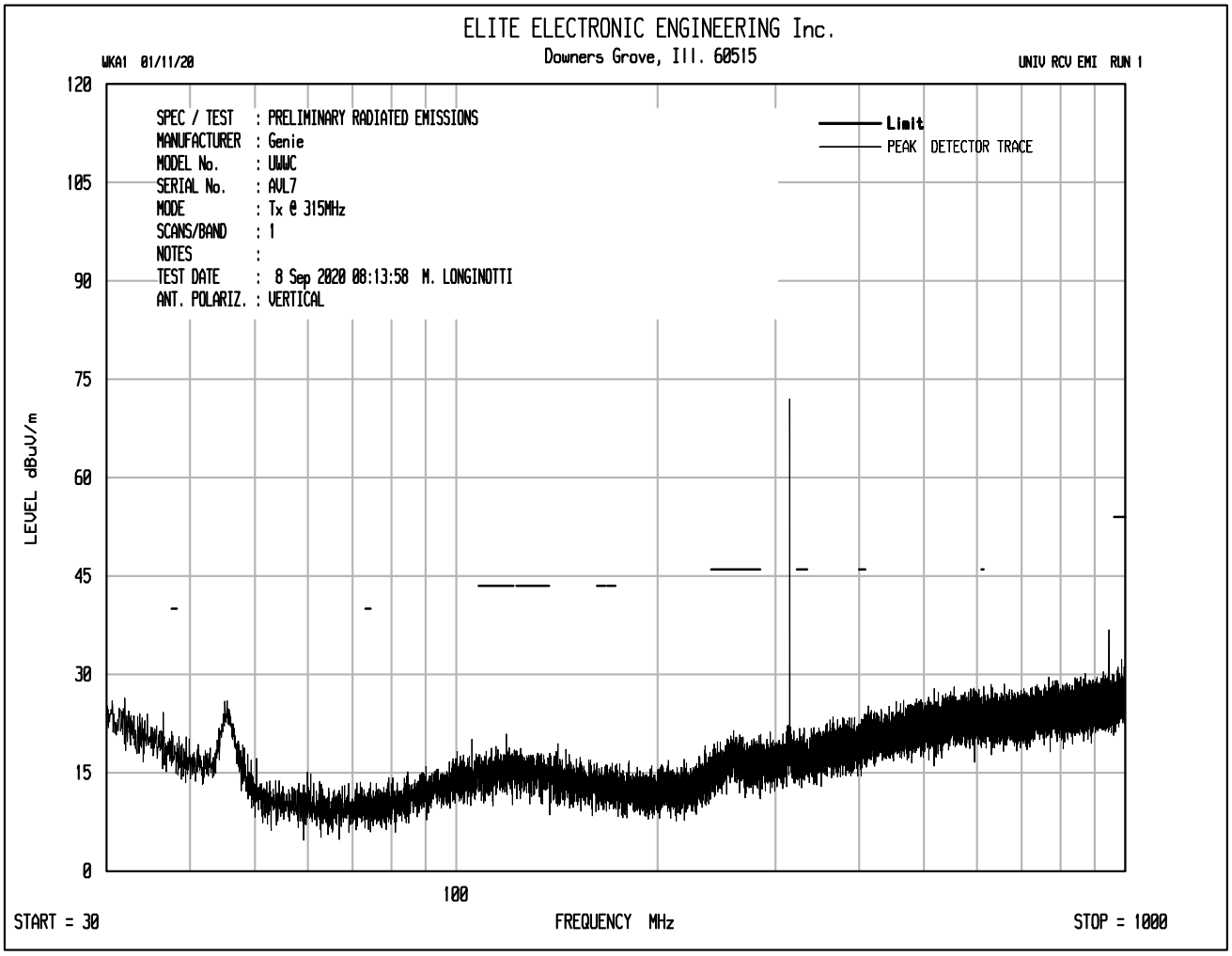

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 4
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 11:05:49 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

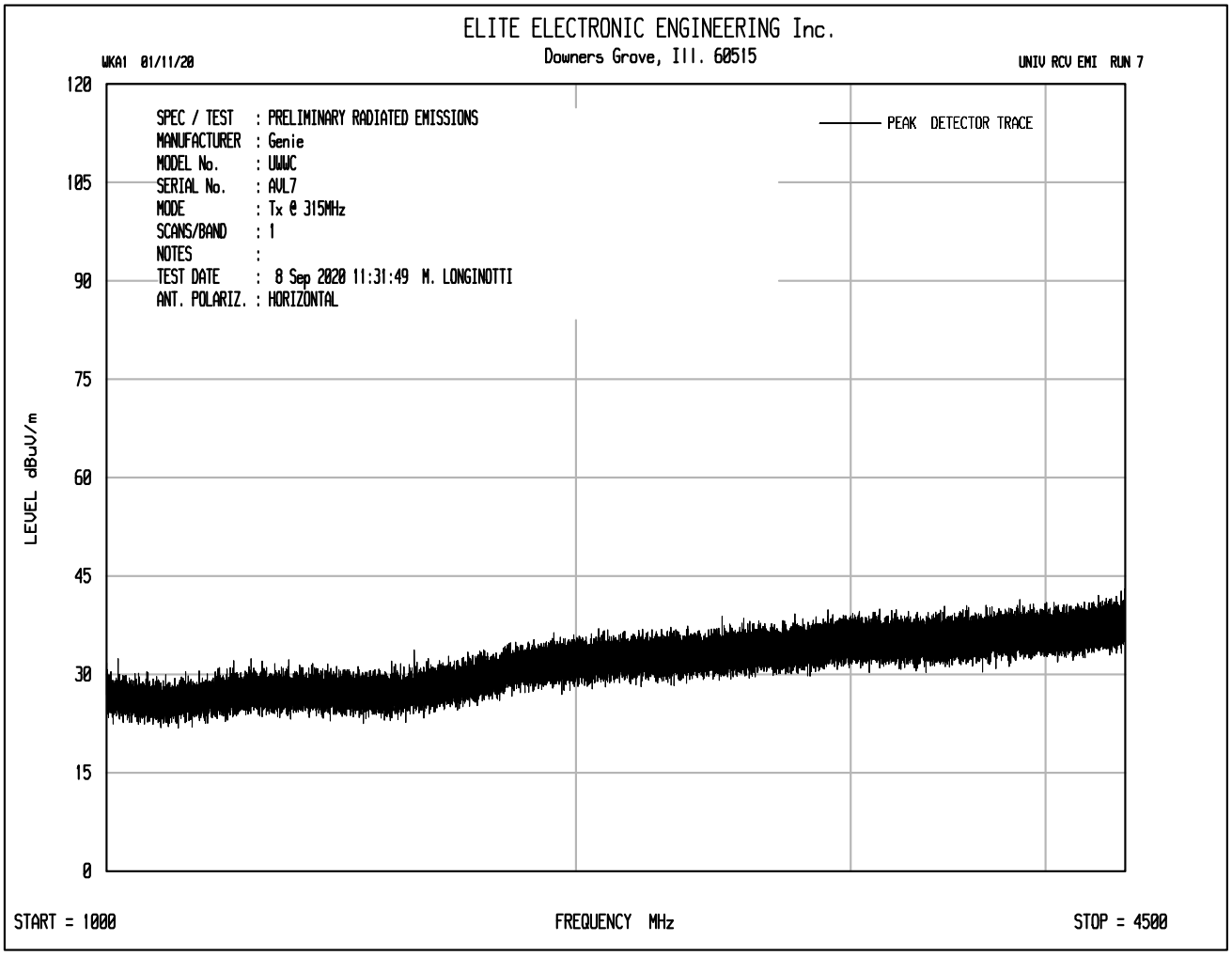

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 3
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 2
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 11:03:38 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

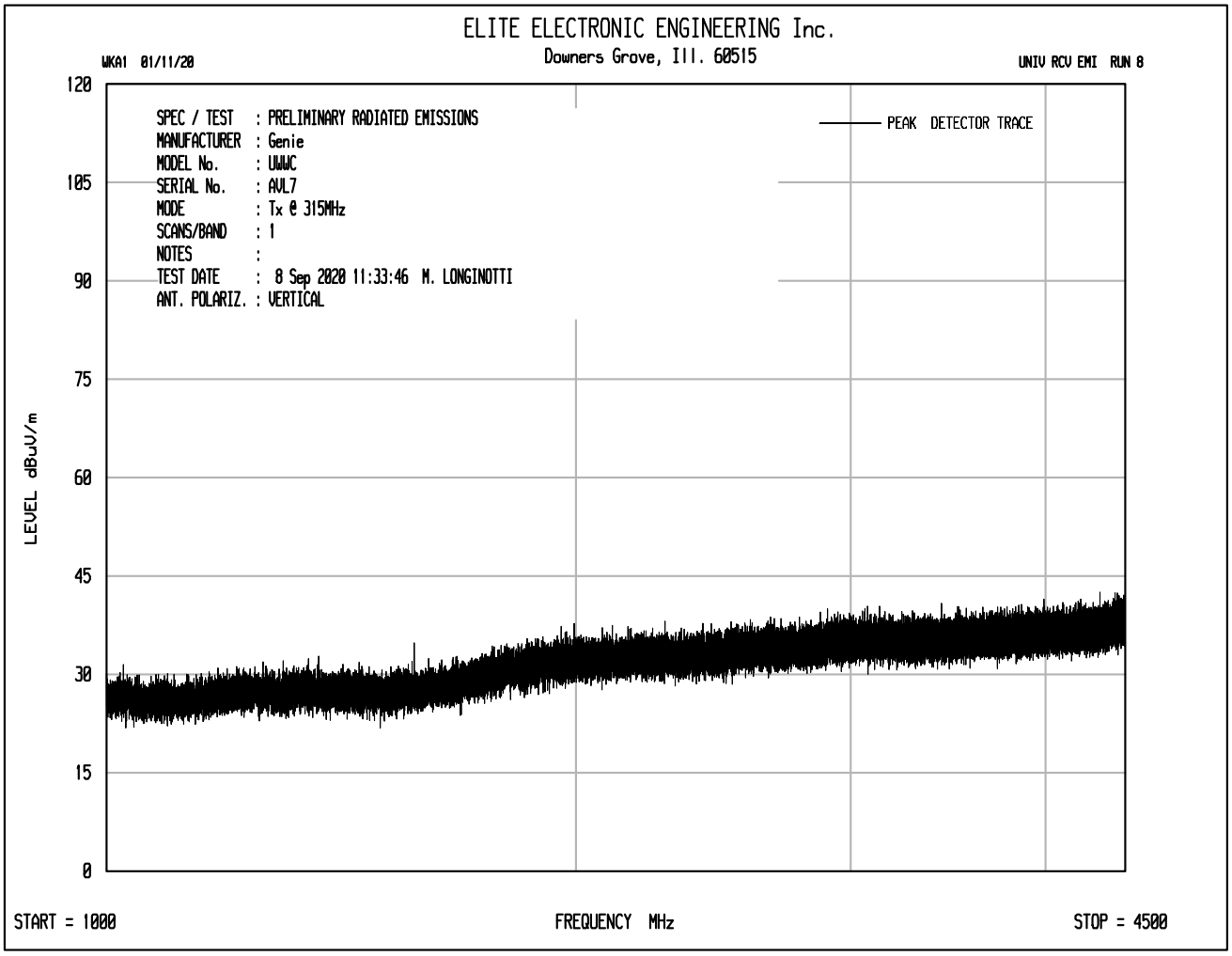
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 2
Mode	Transmit at 315MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	49.5		0.9	19.7	0.0	0.0	70.1	3208.1	6041.7	-5.5
315.000	V	54.5		0.9	19.7	0.0	0.0	75.1	5705.0	6041.7	-0.5
630.000	H	5.3		1.3	25.1	0.0	0.0	31.7	38.4	604.2	-23.9
630.000	V	8.0		1.3	25.1	0.0	0.0	34.4	52.4	604.2	-21.2
945.000	H	21.4		1.6	26.7	0.0	0.0	49.7	304.7	604.2	-5.9
945.000	V	19.9		1.6	26.7	0.0	0.0	48.2	256.4	604.2	-7.4
1260.000	H	15.1		1.9	29.8	0.0	0.0	46.8	217.8	604.2	-8.9
1260.000	V	14.9		1.9	29.8	0.0	0.0	46.6	212.8	604.2	-9.1
1575.000	H	15.4		2.1	29.3	0.0	0.0	46.8	218.9	500.0	-7.2
1575.000	V	15.8		2.1	29.3	0.0	0.0	47.2	229.2	500.0	-6.8
1890.000	H	15.1	Ambient	2.3	32.5	0.0	0.0	49.9	312.7	604.2	-5.7
1890.000	V	14.9	Ambient	2.3	32.5	0.0	0.0	49.7	305.6	604.2	-5.9
2205.000	H	15.1	Ambient	2.5	32.8	0.0	0.0	50.3	329.1	500.0	-3.6
2205.000	V	15.9	Ambient	2.5	32.8	0.0	0.0	51.1	360.8	500.0	-2.8
2520.000	H	16.4	Ambient	2.7	33.2	0.0	0.0	52.3	412.8	604.2	-3.3
2520.000	V	16.1	Ambient	2.7	33.2	0.0	0.0	52.0	398.8	604.2	-3.6
2835.000	H	15.6	Ambient	2.9	32.9	0.0	0.0	51.3	368.7	500.0	-2.6
2835.000	V	16.0	Ambient	2.9	32.9	0.0	0.0	51.7	386.1	500.0	-2.2
3150.000	H	15.9	Ambient	3.0	34.3	0.0	0.0	53.2	456.1	604.2	-2.4
3150.000	V	16.1	Ambient	3.0	34.3	0.0	0.0	53.4	466.7	604.2	-2.2


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 2
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL7
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 08:18:11 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

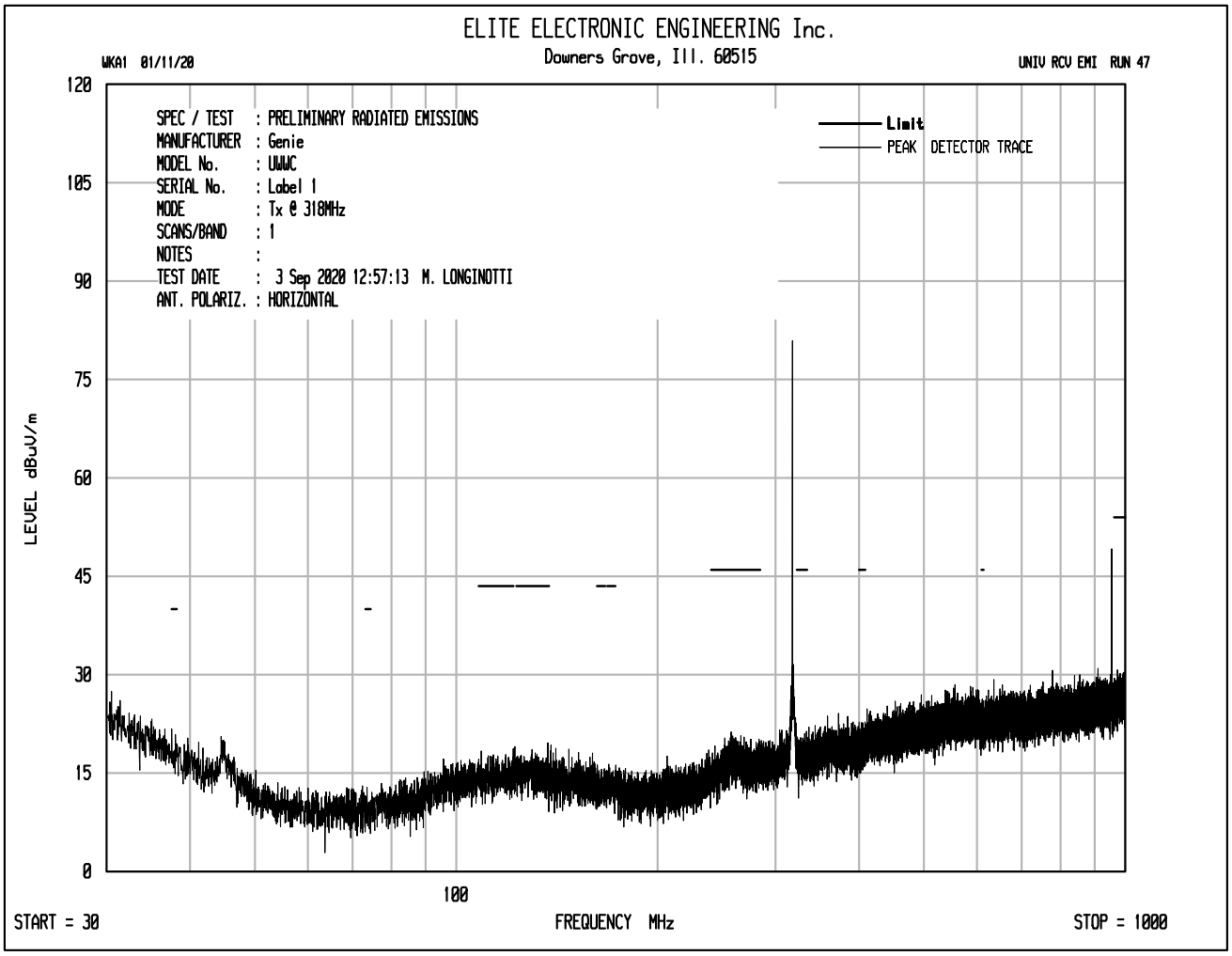

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 1
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL7
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 08:13:58 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

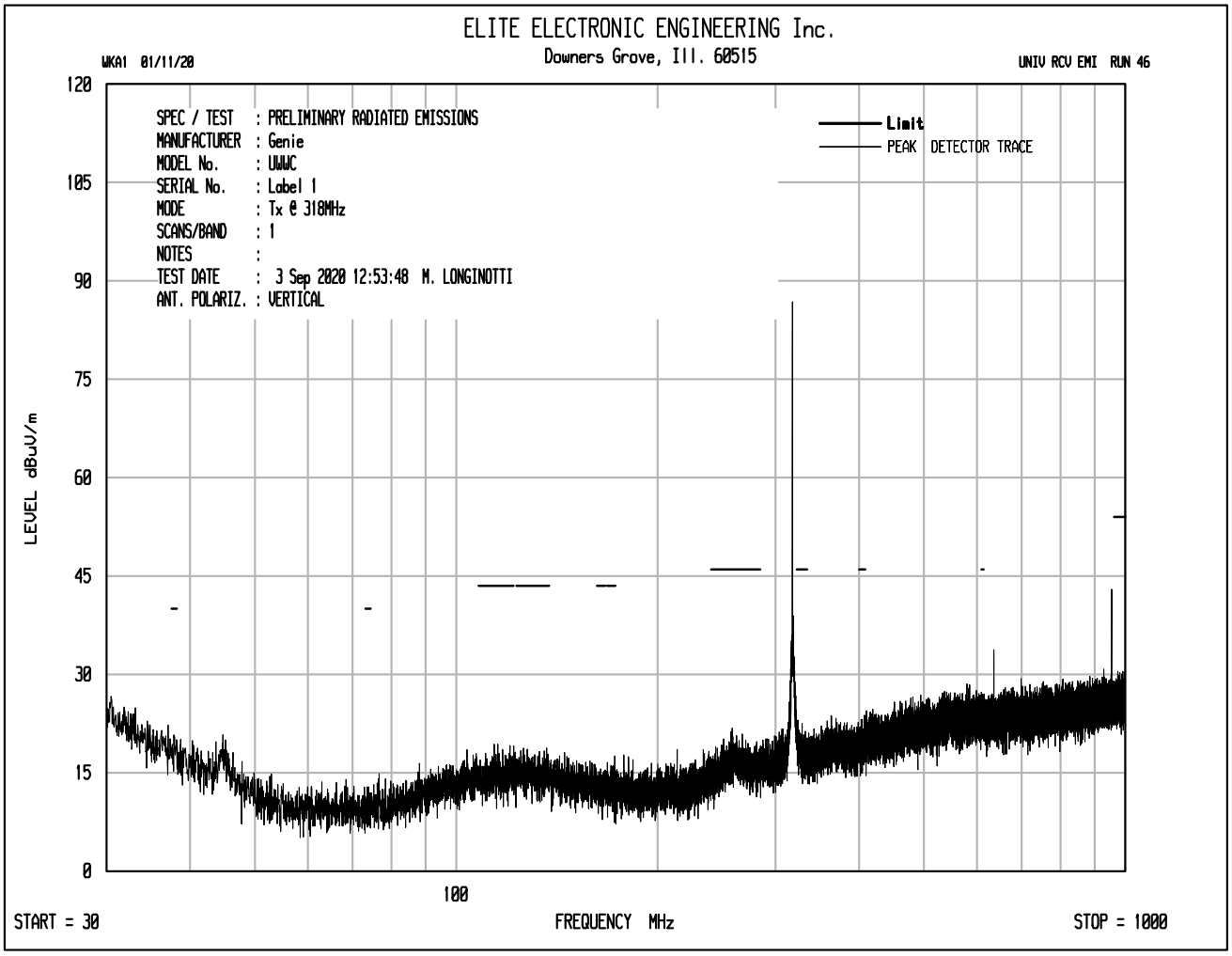

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 7
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL7
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 11:31:49 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

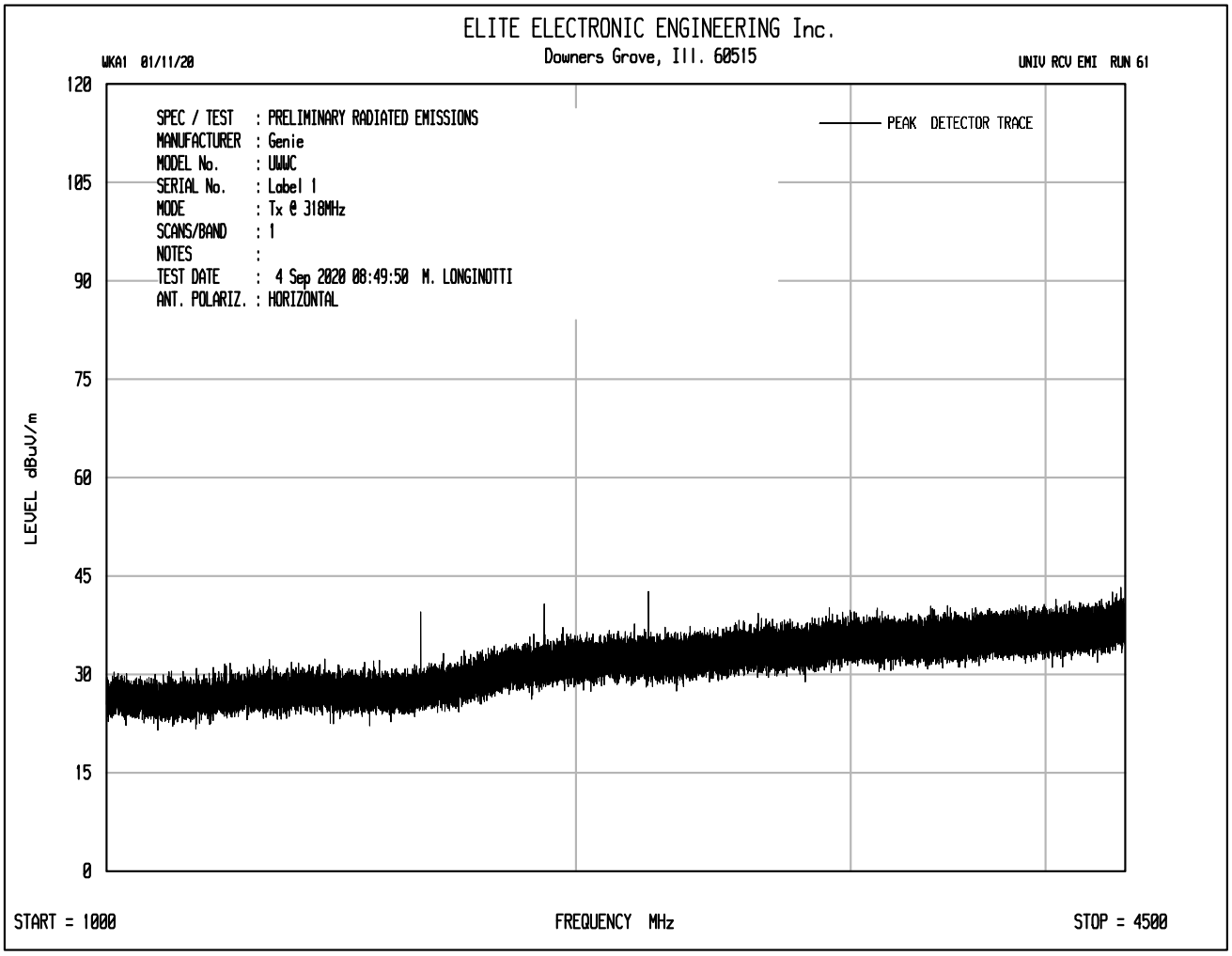

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 8
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL7
MODE : Tx @ 315MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 11:33:46 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

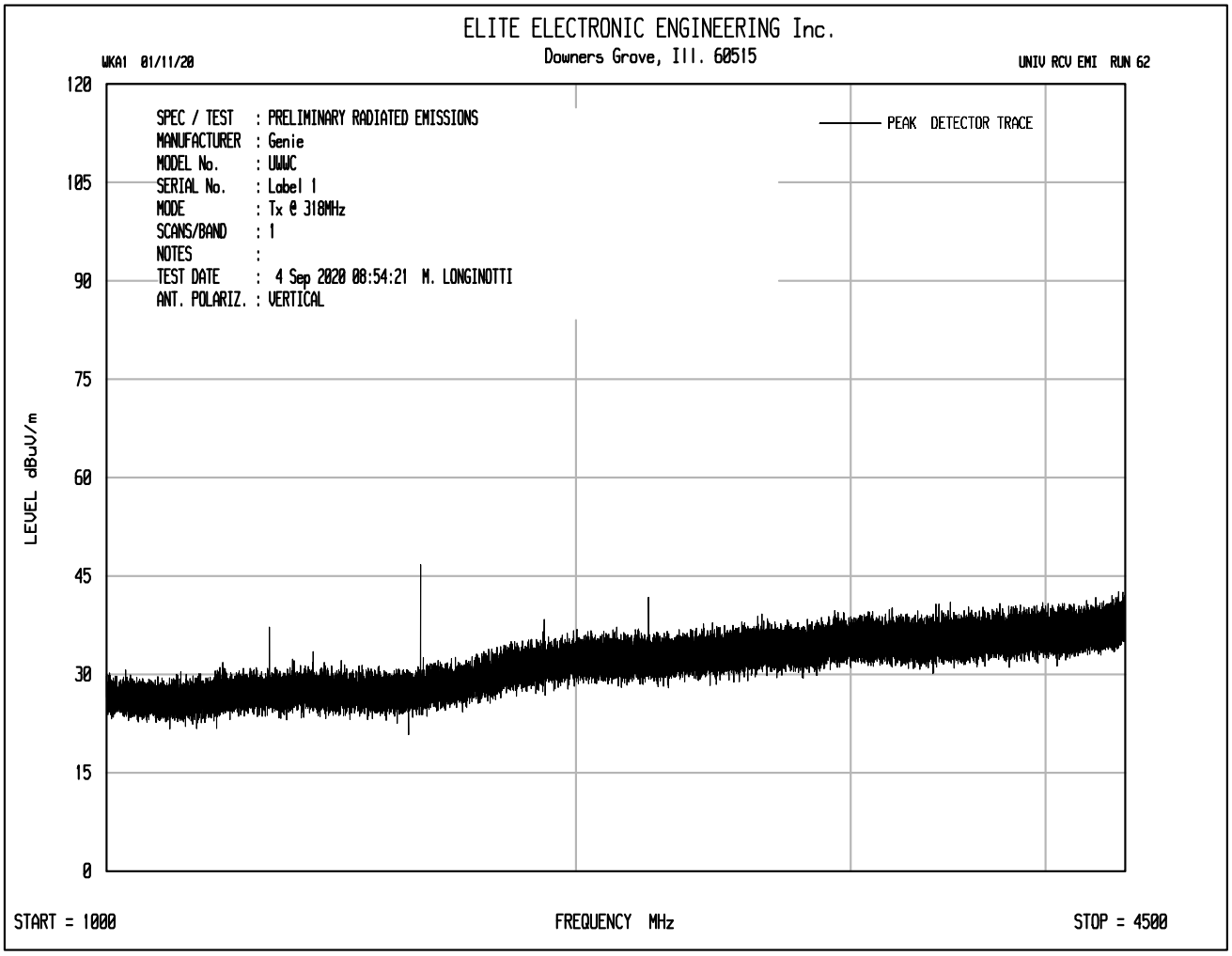
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL7
Mode	Transmit at 315MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
315.000	H	47.4		0.9	19.7	0.0	0.0	68.0	2519.1	6041.7	-7.6
315.000	V	52.2		0.9	19.7	0.0	0.0	72.8	4377.8	6041.7	-2.8
630.000	H	4.5		1.3	25.1	0.0	0.0	30.9	35.0	604.2	-24.7
630.000	V	7.8		1.3	25.1	0.0	0.0	34.2	51.2	604.2	-21.4
945.000	H	21.0		1.6	26.7	0.0	0.0	49.3	291.0	604.2	-6.3
945.000	V	19.1		1.6	26.7	0.0	0.0	47.4	233.8	604.2	-8.2
1260.000	H	14.3		1.9	29.8	0.0	0.0	46.0	198.6	604.2	-9.7
1260.000	V	14.3		1.9	29.8	0.0	0.0	46.0	198.6	604.2	-9.7
1575.000	H	15.6		2.1	29.3	0.0	0.0	47.0	223.9	500.0	-7.0
1575.000	V	16.4		2.1	29.3	0.0	0.0	47.8	245.6	500.0	-6.2


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 47
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 12:57:13 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

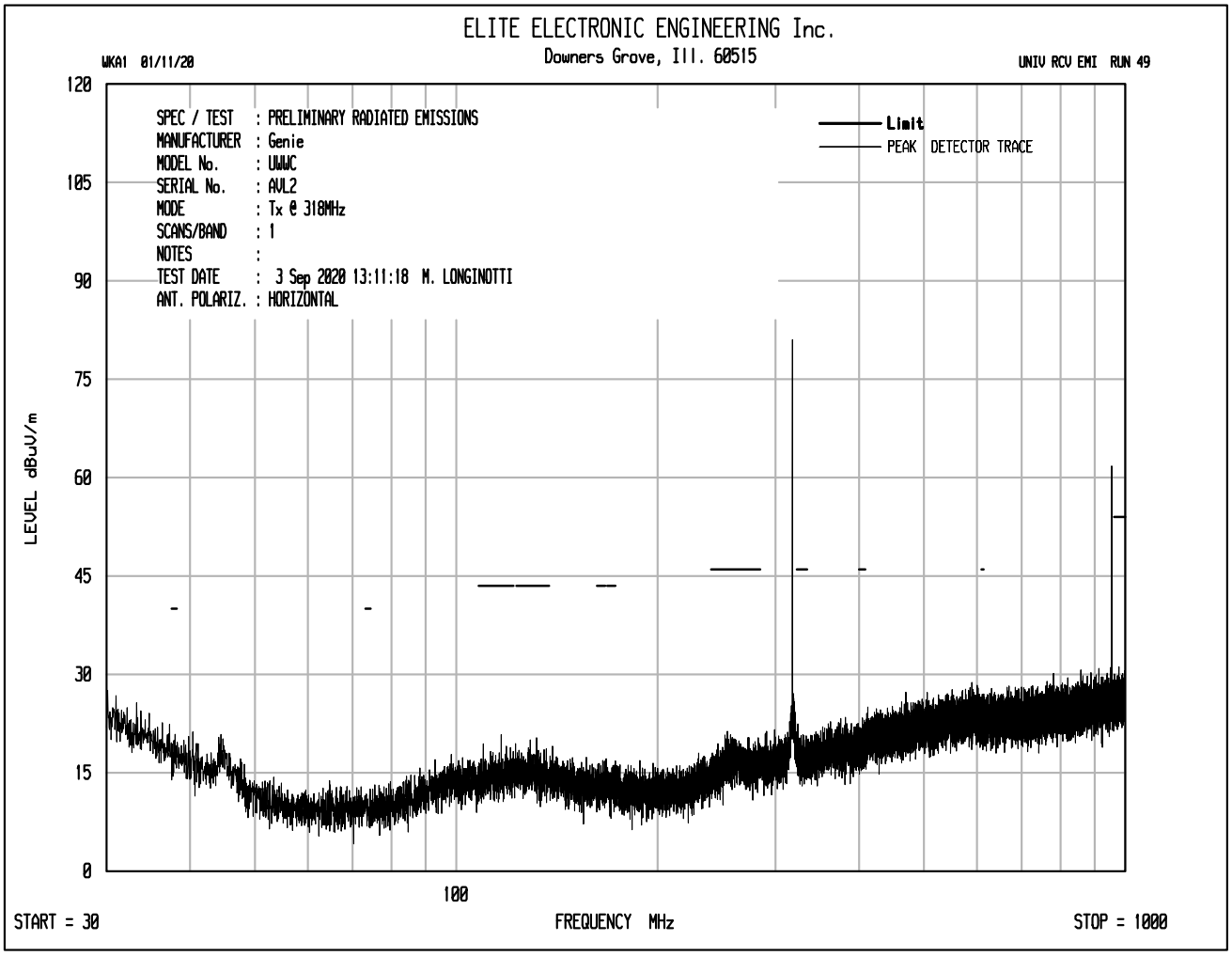

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 46
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 12:53:48 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

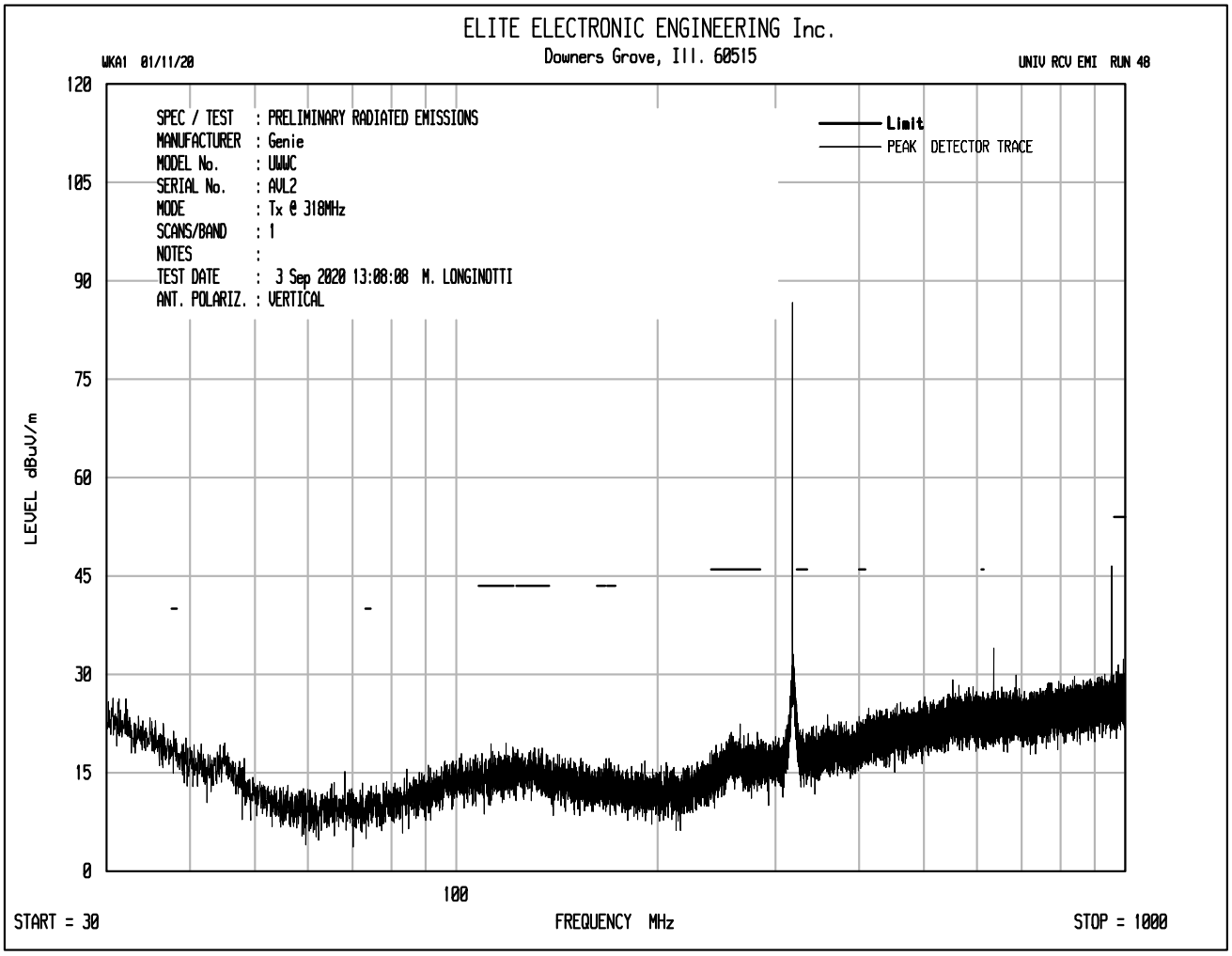

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 61
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 08:49:50 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

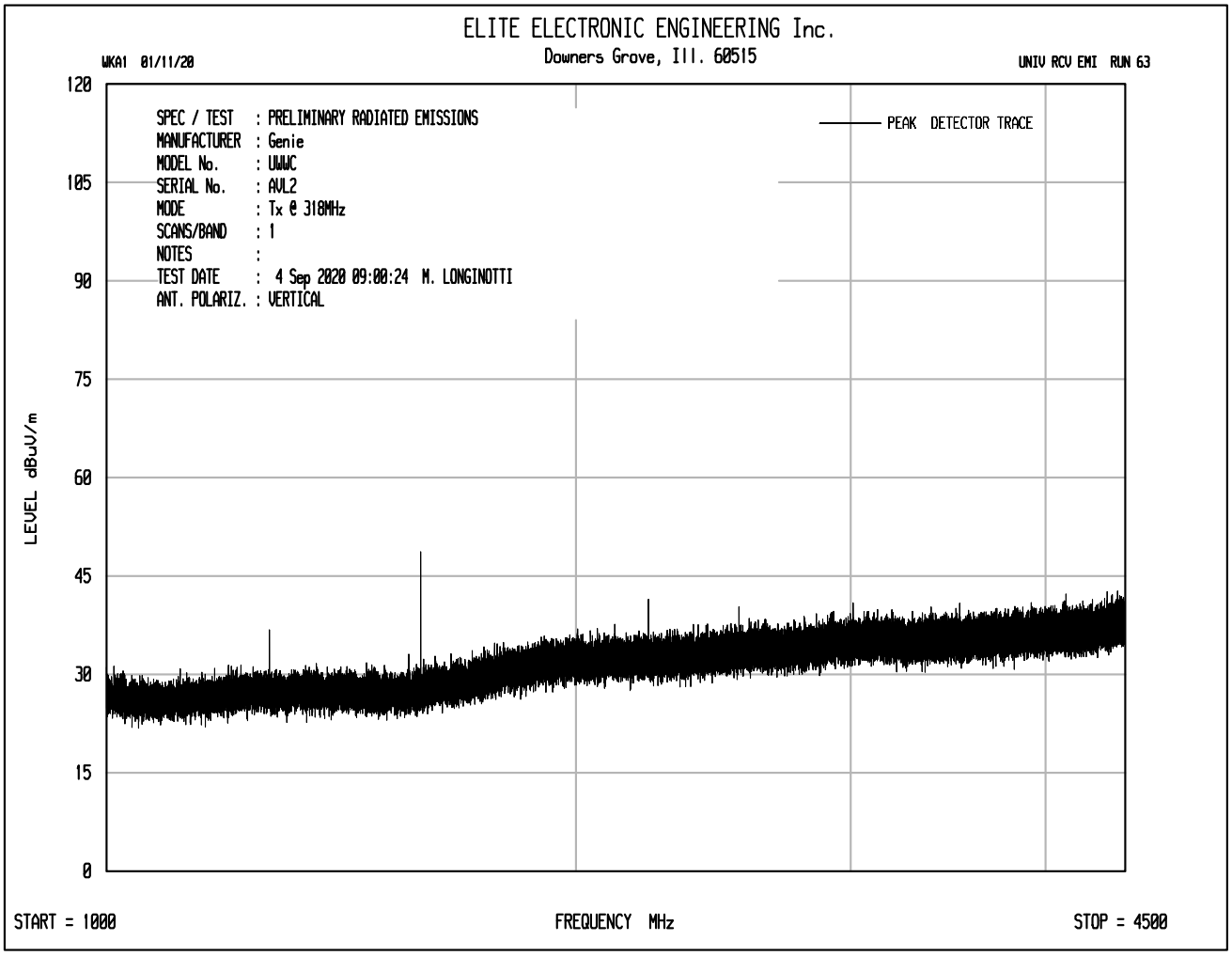

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 62
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 08:54:21 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

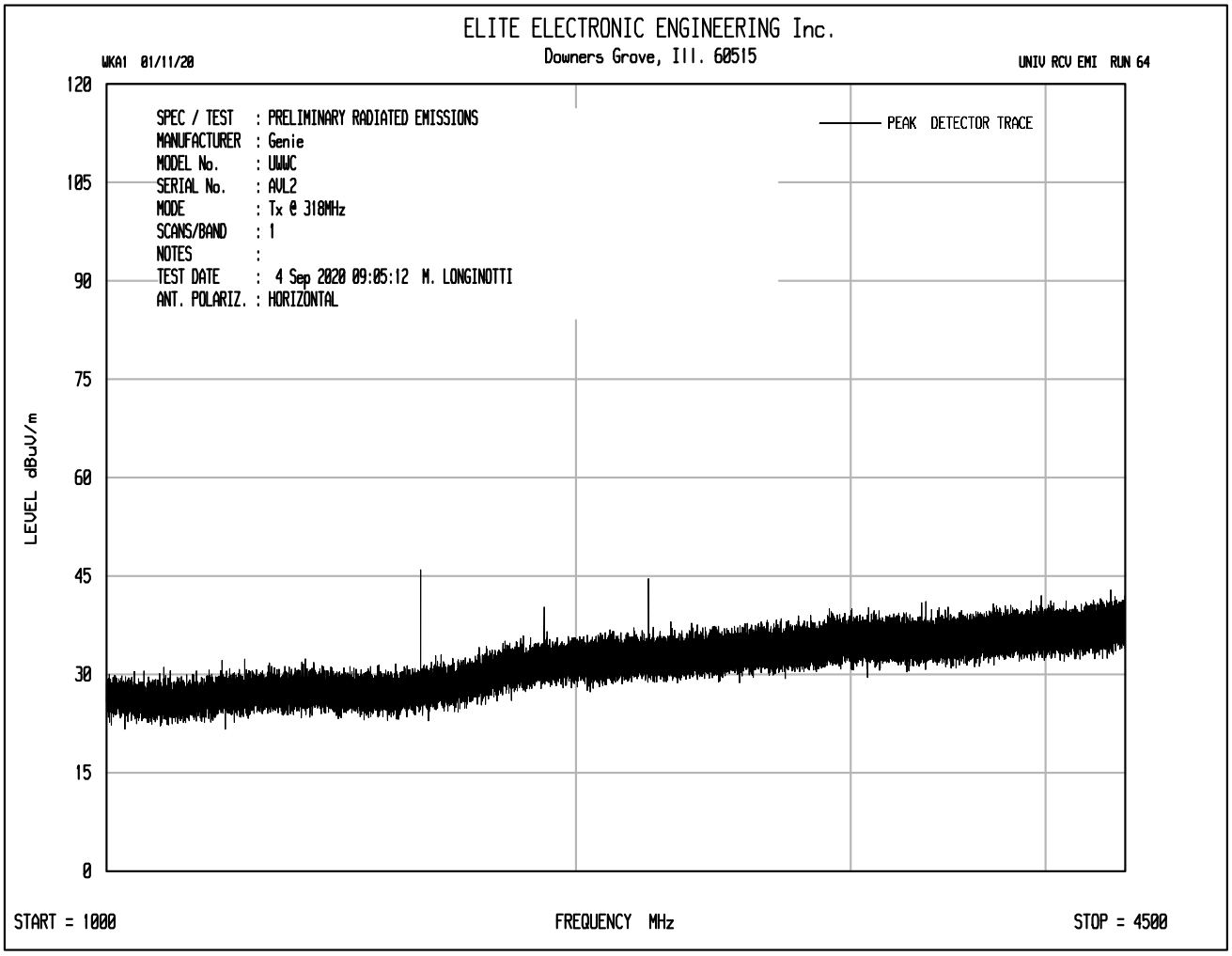
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 318MHz
Protocol	Linear Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
318.000	H	61.2		0.9	19.8	0.0	-15.4	66.5	2111.7	6166.7	-9.3
318.000	V	66.7		0.9	19.8	0.0	-15.4	72.0	3977.6	6166.7	-3.8
636.000	H	4.6	Ambient	1.3	25.0	0.0	-15.4	15.5	6.0	616.7	-40.3
636.000	V	12.8		1.3	25.0	0.0	-15.4	23.7	15.4	616.7	-32.1
954.000	H	34.5		1.6	26.9	0.0	-15.4	47.6	239.1	616.7	-8.2
954.000	V	34.1		1.6	26.9	0.0	-15.4	47.2	228.3	616.7	-8.6
1272.000	H	15.0	Ambient	1.9	29.8	0.0	-15.4	31.2	36.5	616.7	-24.6
1272.000	V	17.1	Ambient	1.9	29.8	0.0	-15.4	33.3	46.5	616.7	-22.5
1590.000	H	19.8		2.1	29.5	0.0	-15.4	36.0	63.3	500.0	-18.0
1590.000	V	22.1		2.1	29.5	0.0	-15.4	38.3	82.5	500.0	-15.7
1908.000	H	17.6	Ambient	2.3	32.7	0.0	-15.4	37.2	72.2	616.7	-18.6
1908.000	V	16.8	Ambient	2.3	32.7	0.0	-15.4	36.4	65.9	616.7	-19.4
2226.000	H	18.2	Ambient	2.5	32.7	0.0	-15.4	38.0	79.8	500.0	-15.9
2226.000	V	18.0	Ambient	2.5	32.7	0.0	-15.4	37.8	78.0	500.0	-16.1
2544.000	H	16.8	Ambient	2.7	33.3	0.0	-15.4	37.4	74.2	616.7	-18.4
2544.000	V	17.2	Ambient	2.7	33.3	0.0	-15.4	37.8	77.7	616.7	-18.0
2862.000	H	17.2	Ambient	2.9	33.0	0.0	-15.4	37.7	77.1	500.0	-16.2
2862.000	V	16.8	Ambient	2.9	33.0	0.0	-15.4	37.3	73.6	500.0	-16.6
3180.000	H	17.5	Ambient	3.0	34.2	0.0	-15.4	39.3	92.3	616.7	-16.5
3180.000	V	17.2	Ambient	3.0	34.2	0.0	-15.4	39.0	89.2	616.7	-16.8


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 49
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 13:11:18 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

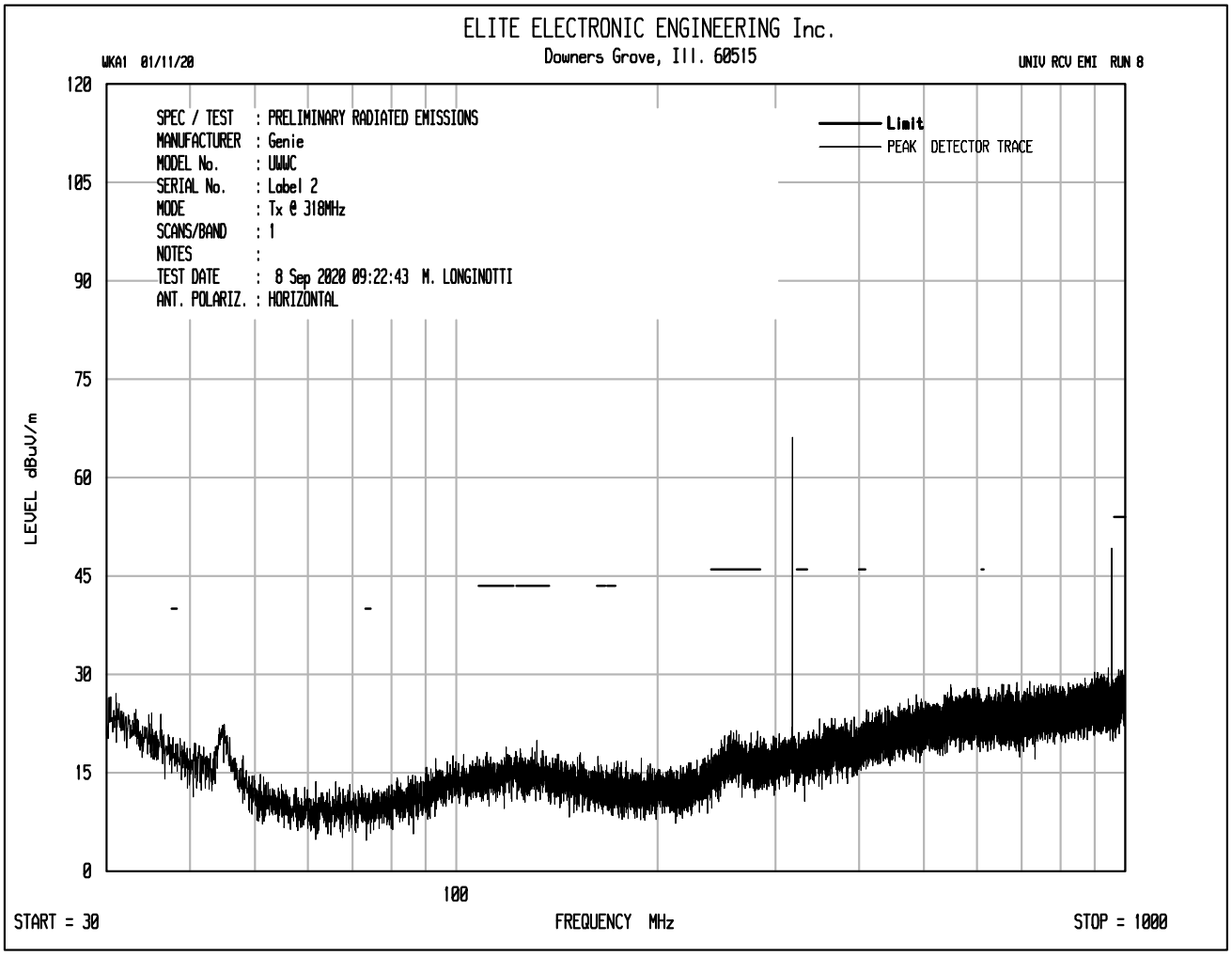

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 48
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 13:08:08 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

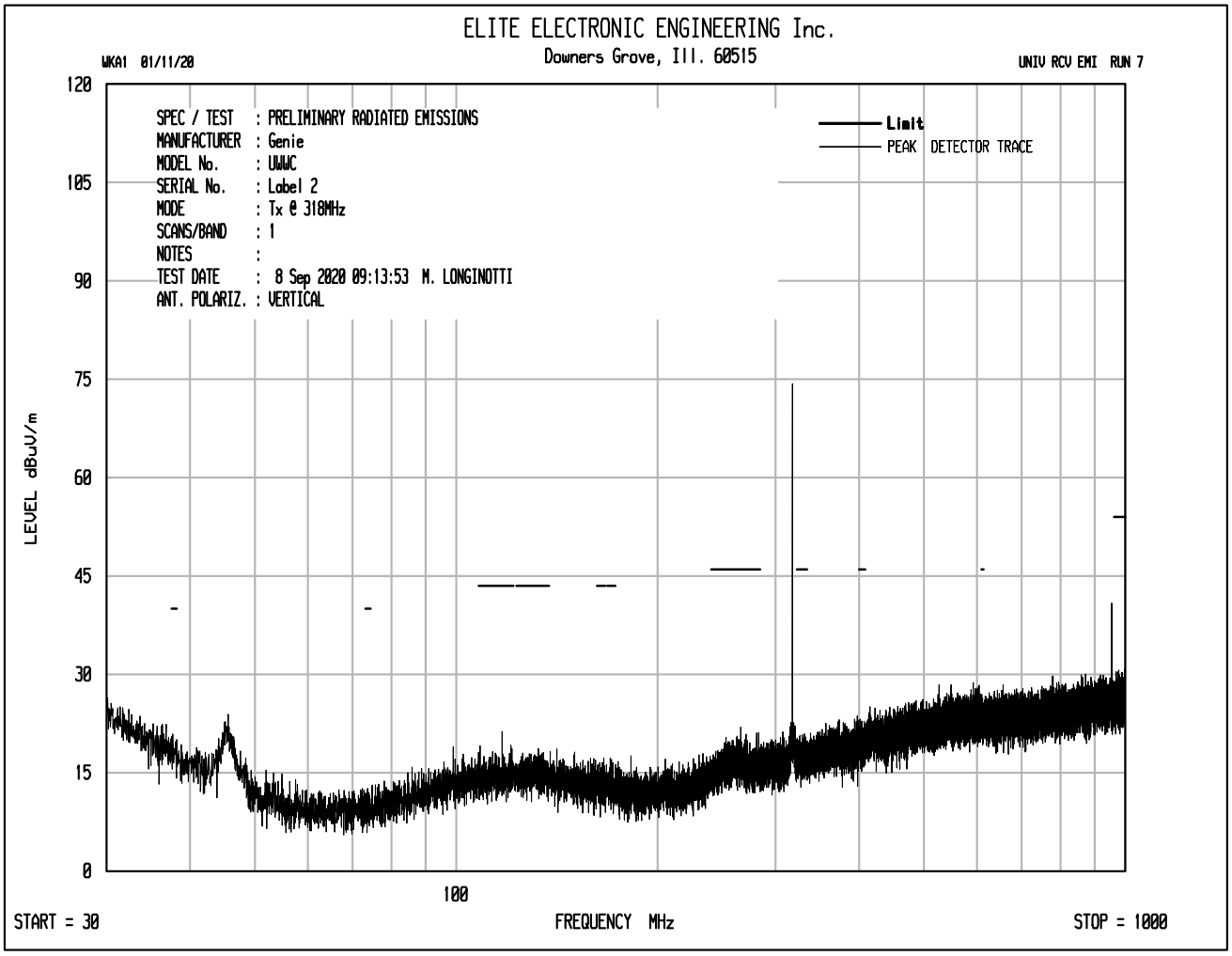

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 63
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 09:00:24 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

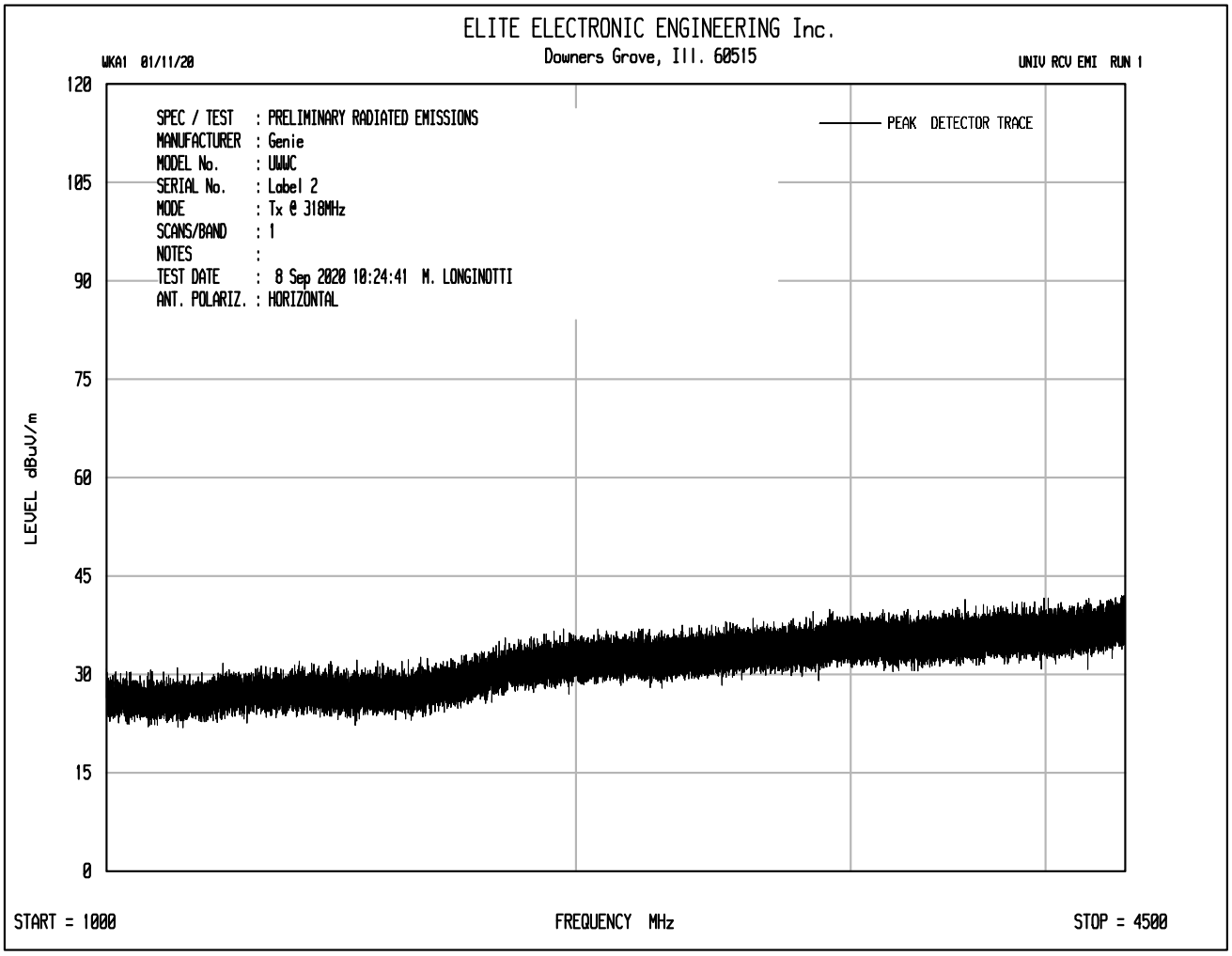

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 64
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 09:05:12 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

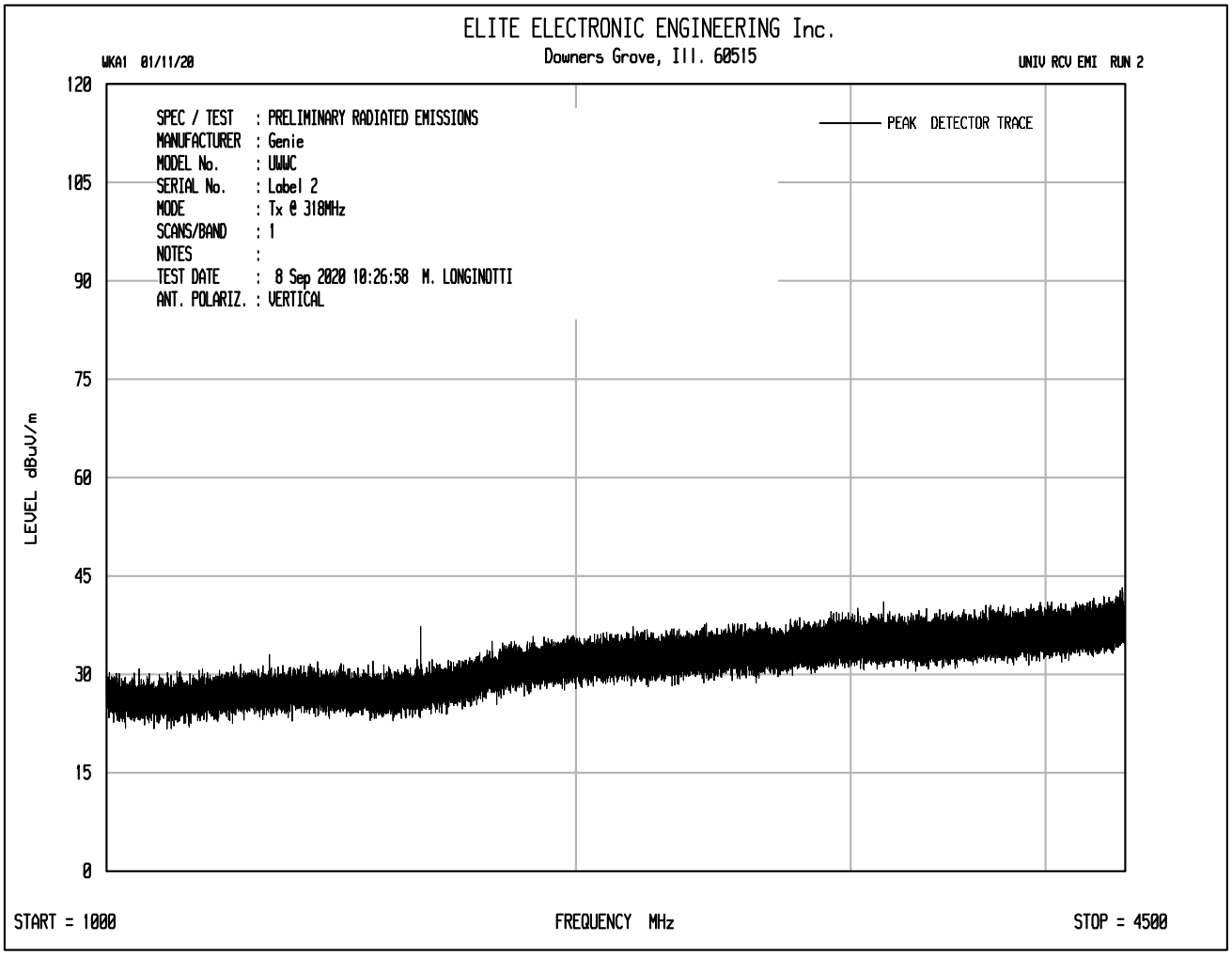
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 318MHz
Protocol	Linear Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
318.000	H	61.5		0.9	19.8	0.0	-15.4	66.8	2185.9	6166.7	-9.0
318.000	V	66.7		0.9	19.8	0.0	-15.4	72.0	3977.6	6166.7	-3.8
636.000	H	9.1		1.3	25.0	0.0	-15.4	20.0	10.1	616.7	-35.8
636.000	V	12.8		1.3	25.0	0.0	-15.4	23.7	15.4	616.7	-32.1
954.000	H	34.5		1.6	26.9	0.0	-15.4	47.6	239.1	616.7	-8.2
954.000	V	32.7		1.6	26.9	0.0	-15.4	45.8	194.3	616.7	-10.0
1590.000	H	20.3		2.1	29.5	0.0	-15.4	36.5	67.0	500.0	-17.5
1590.000	V	22.3		2.1	29.5	0.0	-15.4	38.5	84.4	500.0	-15.5


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 8
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 2
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 09:22:43 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

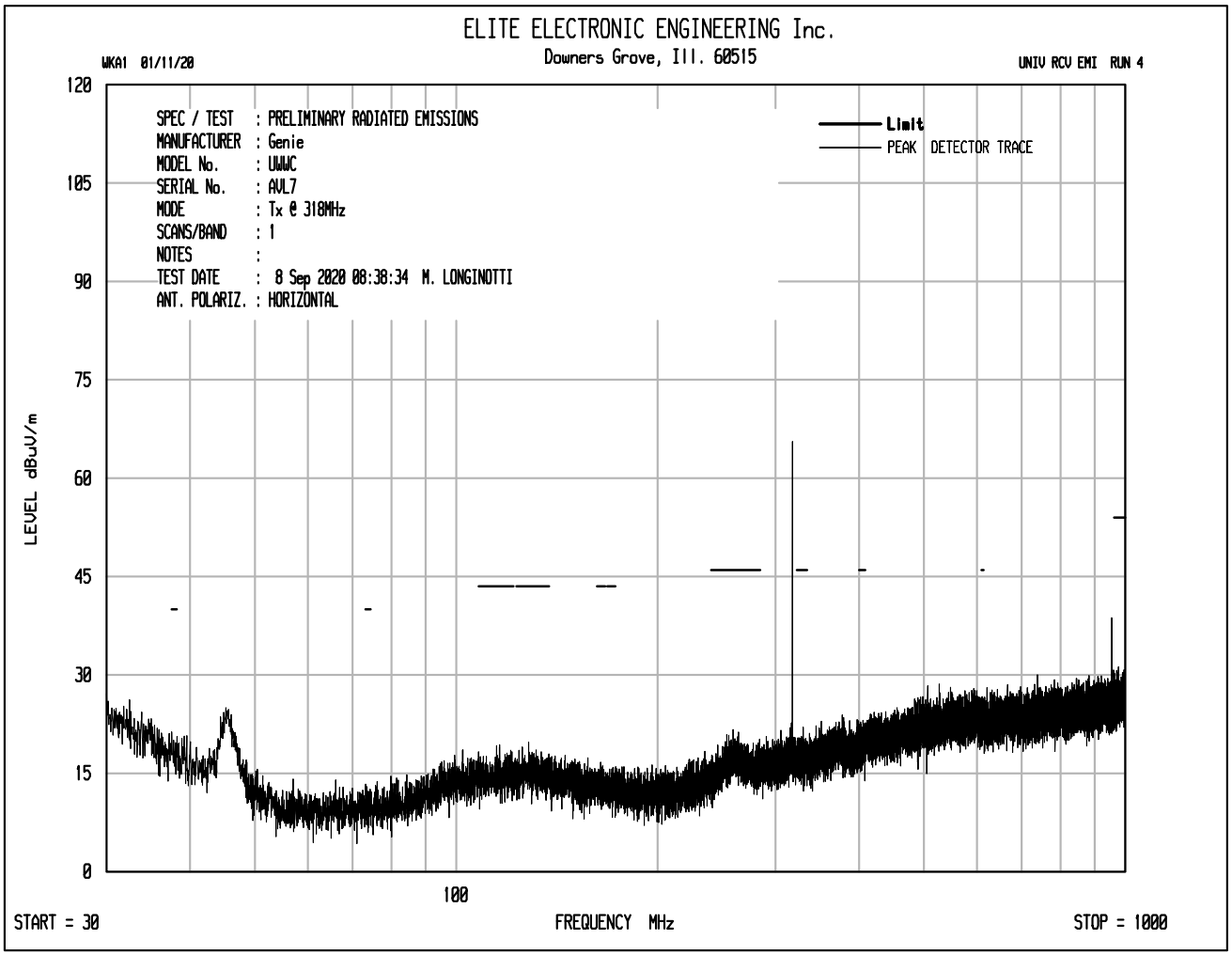

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 7
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 2
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 09:13:53 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

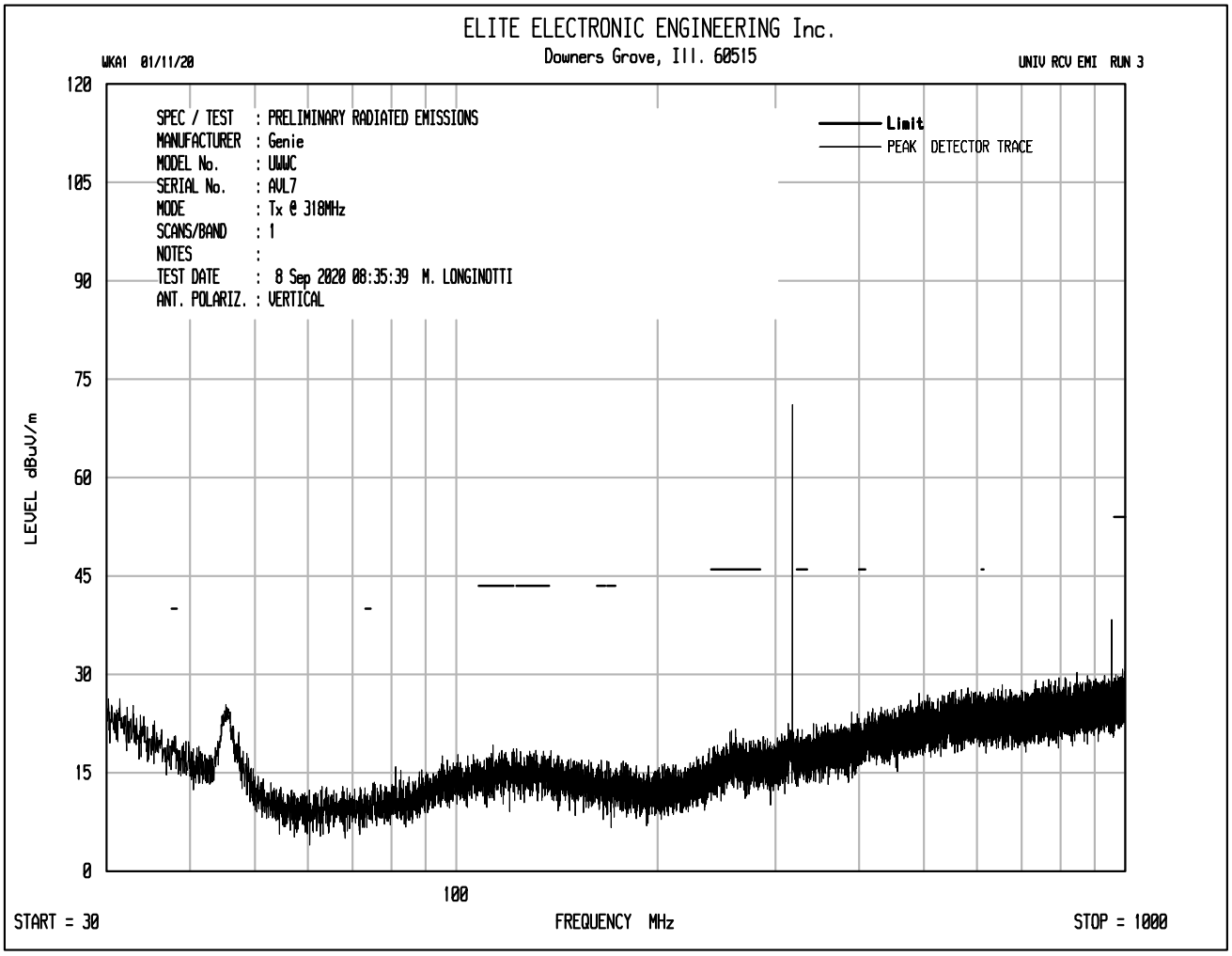

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 1
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 2
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 10:24:41 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

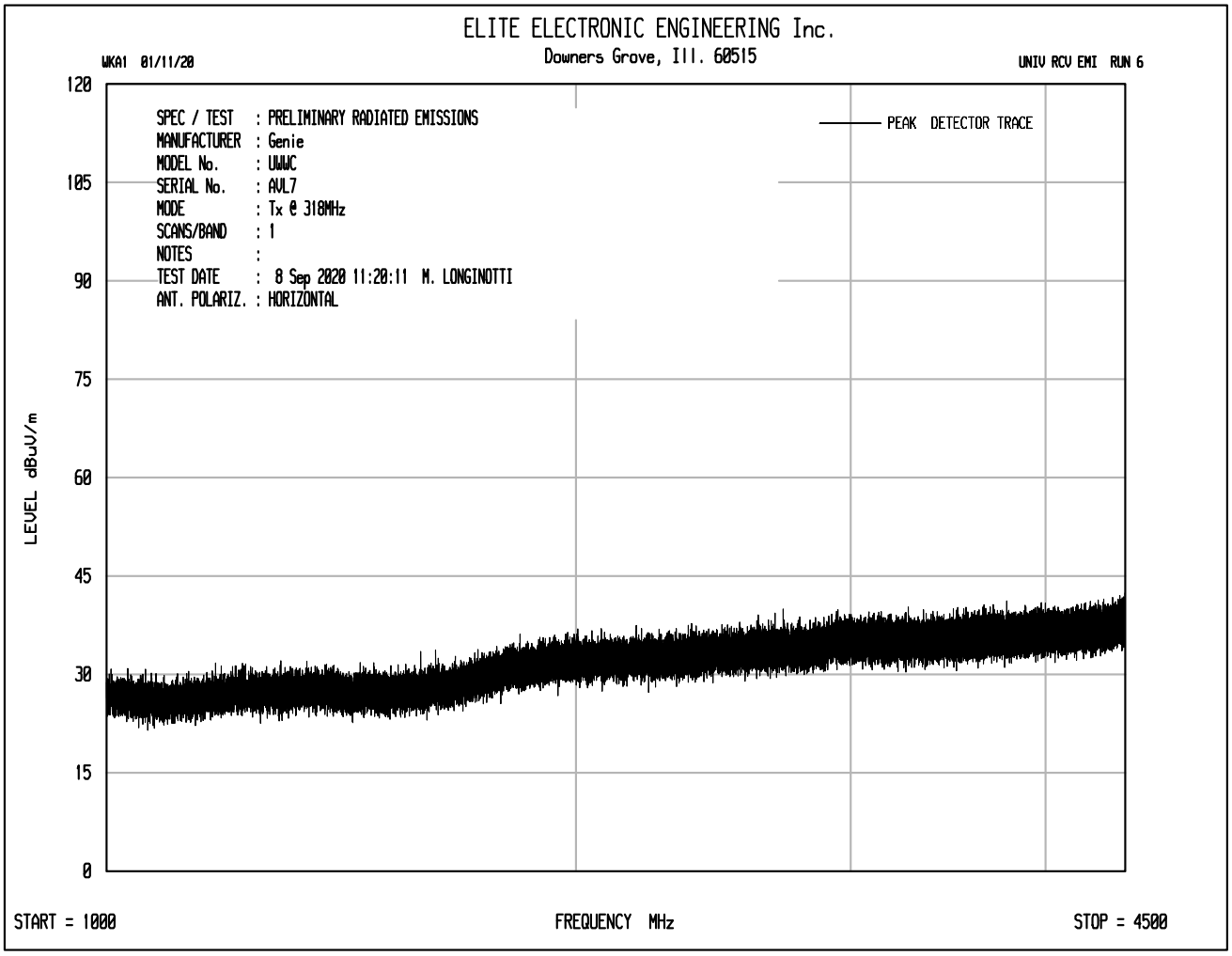

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 2
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 2
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 10:26:58 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

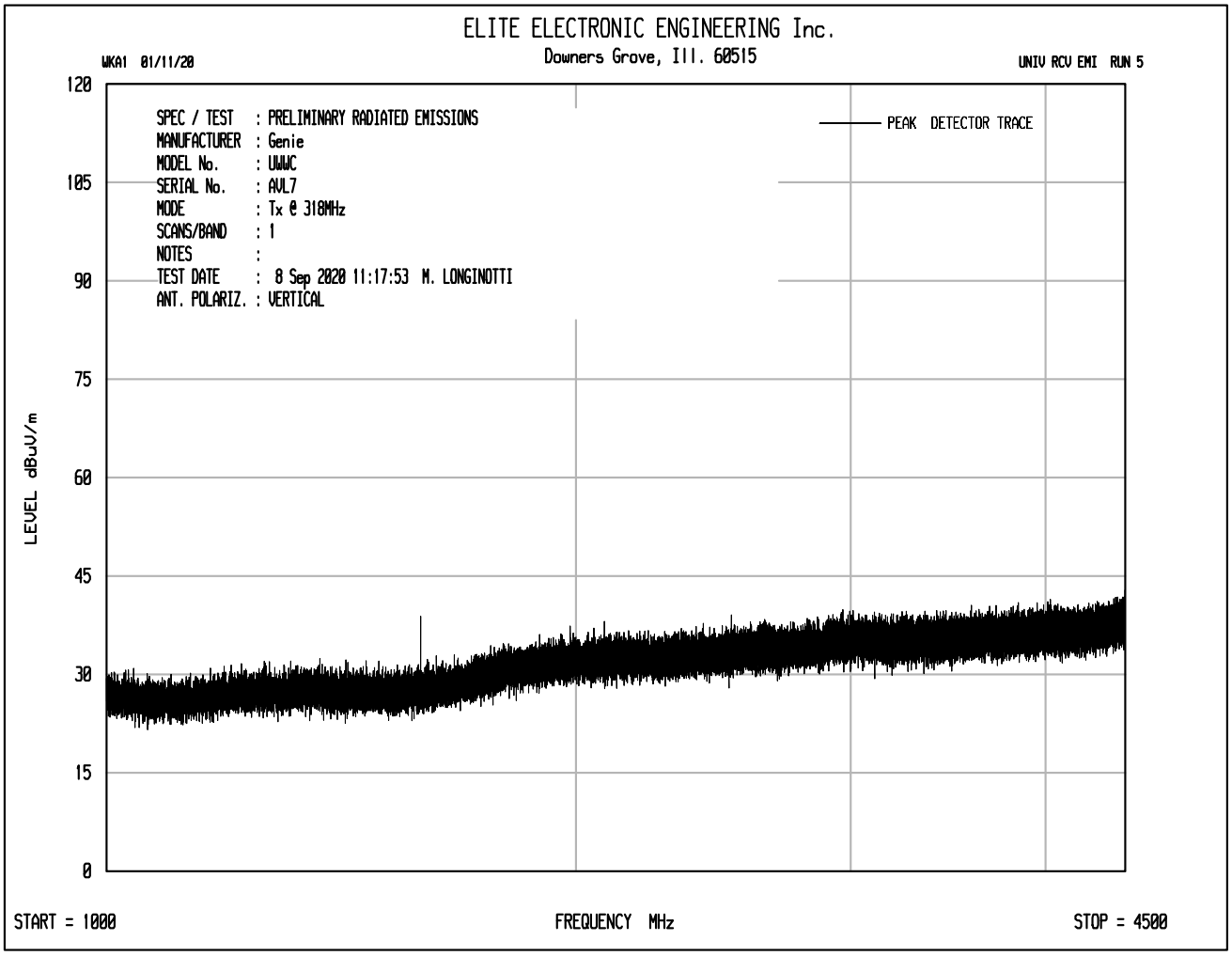
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 2
Mode	Transmit at 318MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
318.000	H	45.9		0.9	19.8	0.0	0.0	66.6	2133.7	6166.7	-9.2
318.000	V	54.2		0.9	19.8	0.0	0.0	74.9	5547.9	6166.7	-0.9
636.000	H	5.6		1.3	25.0	0.0	0.0	31.9	39.5	616.7	-23.9
636.000	V	8.6		1.3	25.0	0.0	0.0	34.9	55.8	616.7	-20.9
954.000	H	23.3		1.6	26.9	0.0	0.0	51.8	387.3	616.7	-4.0
954.000	V	23.4		1.6	26.9	0.0	0.0	51.9	391.8	616.7	-3.9
1272.000	H	14.7		1.9	29.8	0.0	0.0	46.3	207.5	616.7	-9.5
1272.000	V	15.0		1.9	29.8	0.0	0.0	46.6	214.8	616.7	-9.2
1590.000	H	16.1		2.1	29.5	0.0	0.0	47.7	243.1	500.0	-6.3
1590.000	V	16.8		2.1	29.5	0.0	0.0	48.4	263.5	500.0	-5.6
1908.000	H	16.0	Ambient	2.3	32.7	0.0	0.0	51.0	353.4	616.7	-4.8
1908.000	V	16.0	Ambient	2.3	32.7	0.0	0.0	51.0	353.4	616.7	-4.8
2226.000	H	16.3	Ambient	2.5	32.7	0.0	0.0	51.5	377.0	500.0	-2.5
2226.000	V	16.5	Ambient	2.5	32.7	0.0	0.0	51.7	385.8	500.0	-2.3
2544.000	H	16.1	Ambient	2.7	33.3	0.0	0.0	52.1	402.6	616.7	-3.7
2544.000	V	16.5	Ambient	2.7	33.3	0.0	0.0	52.5	421.6	616.7	-3.3
2862.000	H	15.8	Ambient	2.9	33.0	0.0	0.0	51.7	385.9	500.0	-2.3
2862.000	V	15.8	Ambient	2.9	33.0	0.0	0.0	51.7	385.9	500.0	-2.3
3180.000	H	16.2	Ambient	3.0	34.2	0.0	0.0	53.4	467.4	616.7	-2.4
3180.000	V	16.2	Ambient	3.0	34.2	0.0	0.0	53.4	467.4	616.7	-2.4


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 4
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AUL7
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 08:38:34 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

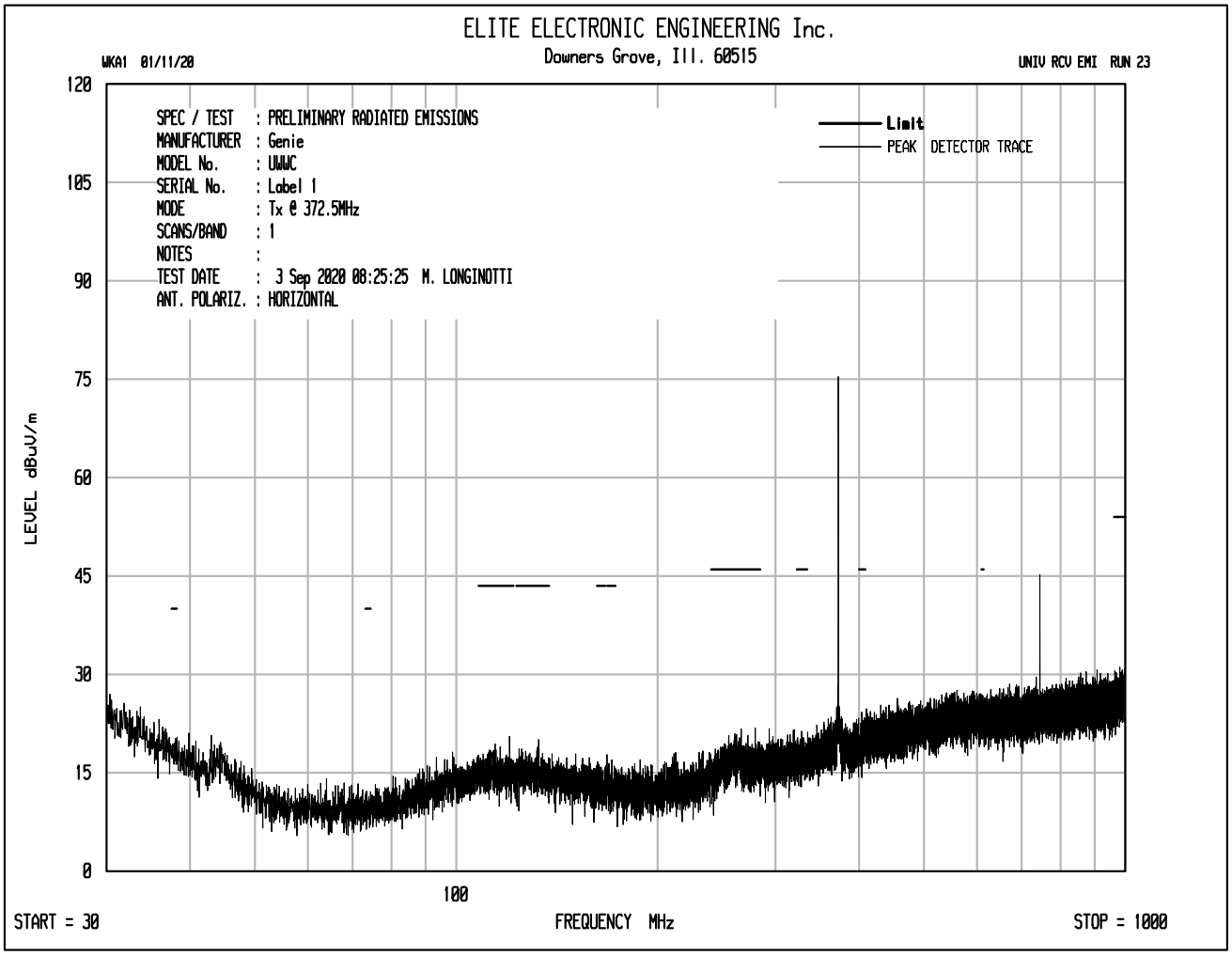

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 3
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL7
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 08:35:39 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

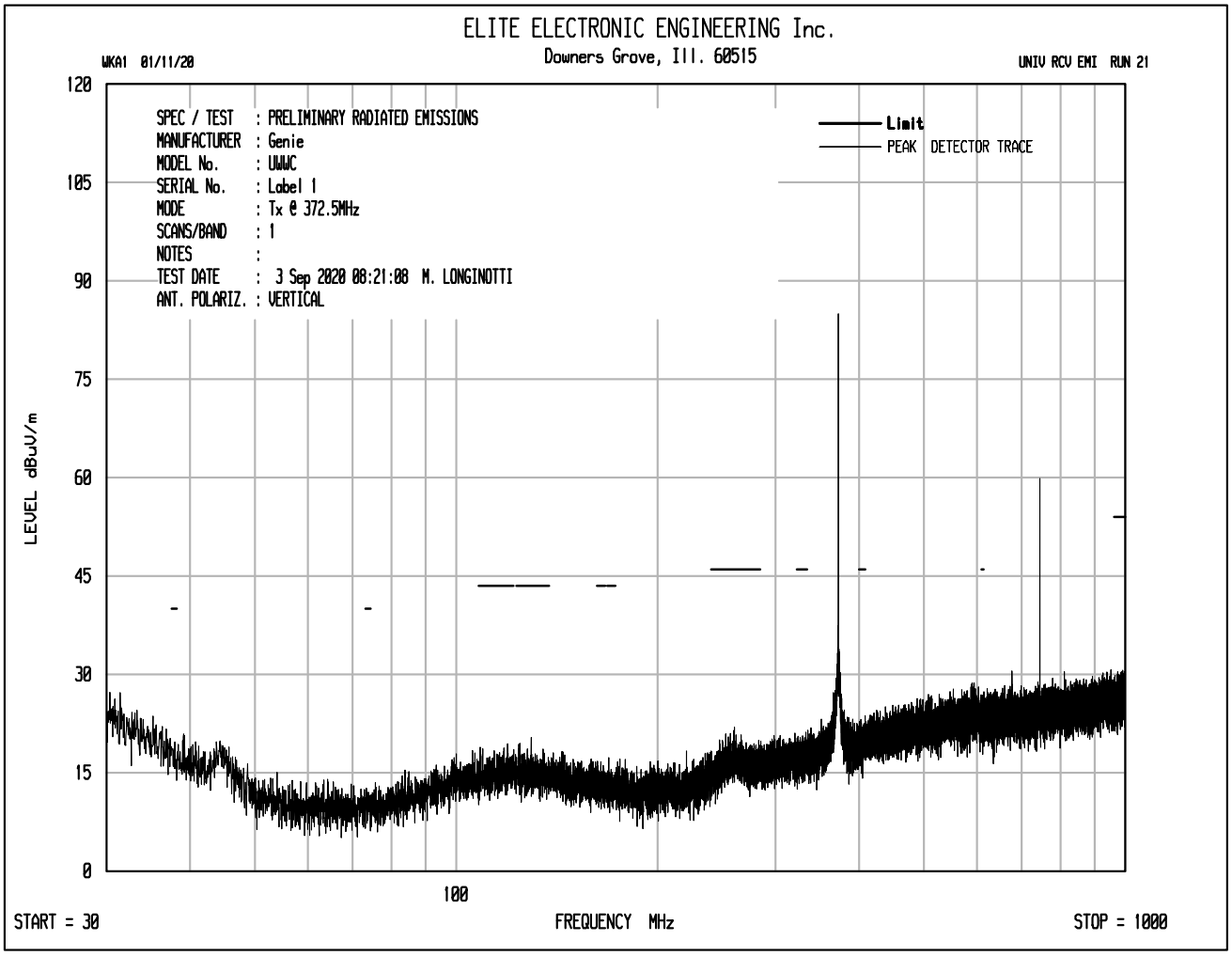

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 6
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL7
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 11:20:11 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

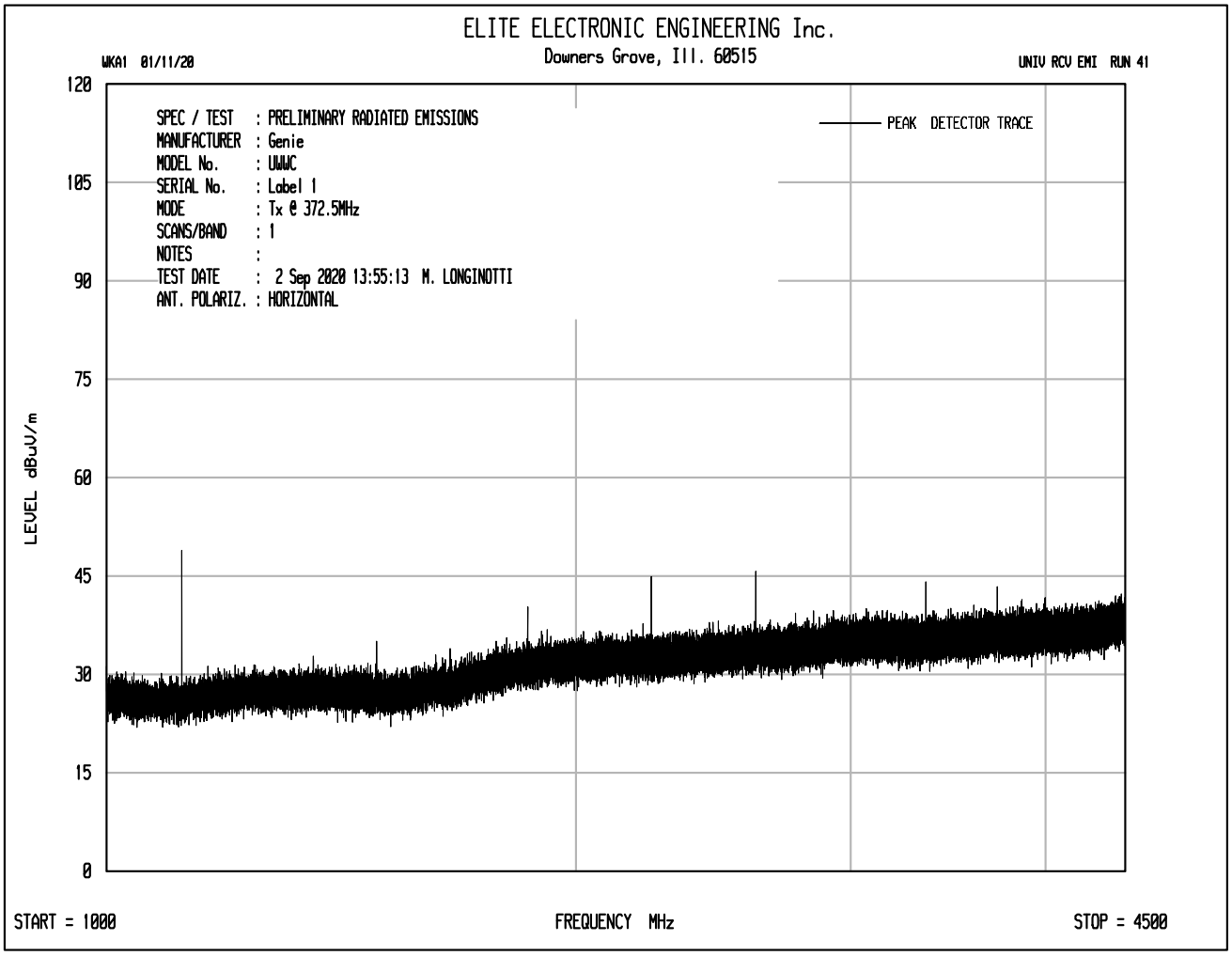

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 5
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL7
MODE : Tx @ 318MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 11:17:53 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

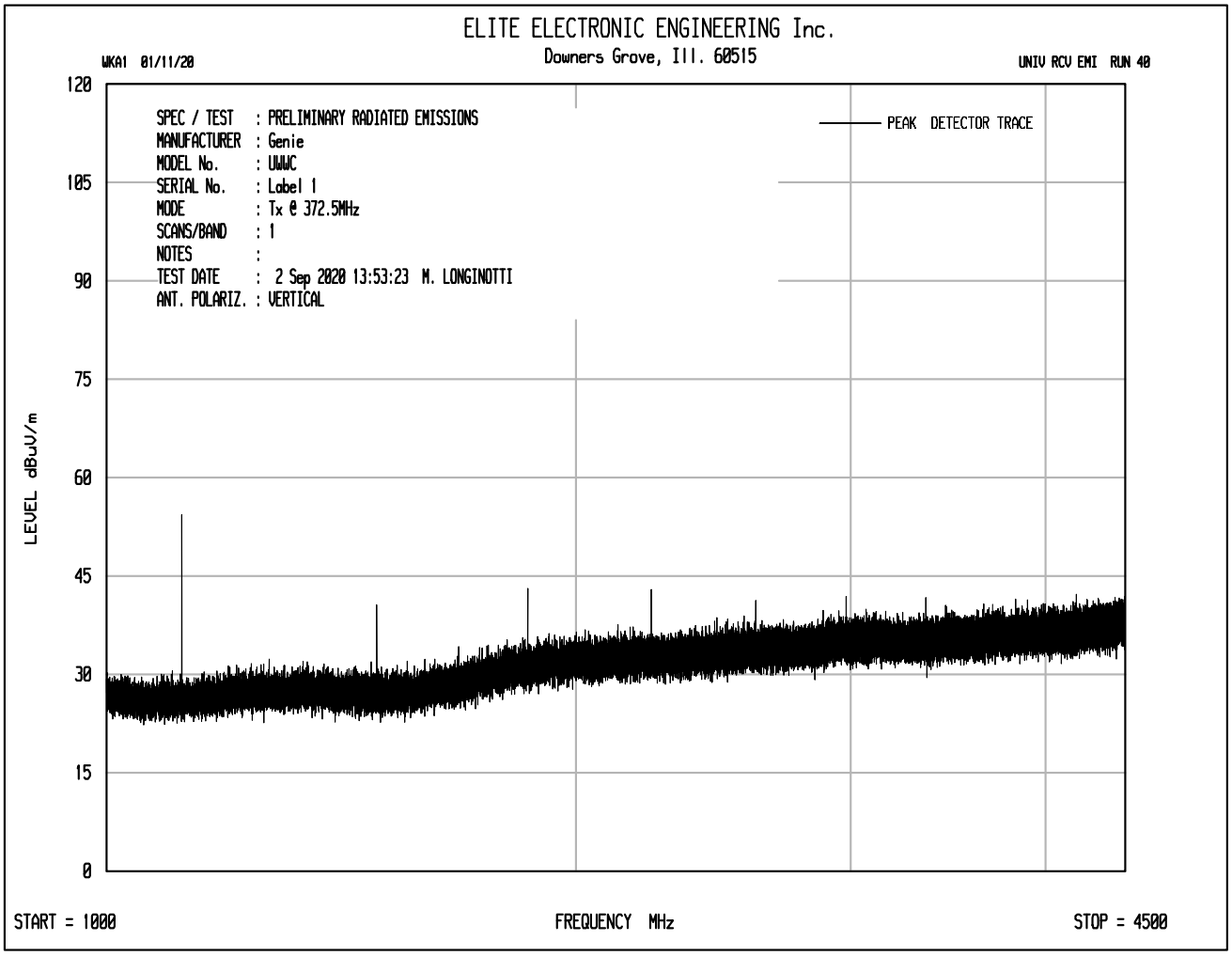
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL7
Mode	Transmit at 318MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
318.000	H	45.4		0.9	19.8	0.0	0.0	66.1	2014.3	6166.7	-9.7
318.000	V	50.9		0.9	19.8	0.0	0.0	71.6	3794.3	6166.7	-4.2
636.000	H	4.8		1.3	25.0	0.0	0.0	31.1	36.1	616.7	-24.7
636.000	V	8.5		1.3	25.0	0.0	0.0	34.8	55.2	616.7	-21.0
954.000	H	23.2		1.6	26.9	0.0	0.0	51.7	382.9	616.7	-4.1
954.000	V	22.2		1.6	26.9	0.0	0.0	50.7	341.3	616.7	-5.1
1272.000	H	14.1		1.9	29.8	0.0	0.0	45.7	193.6	616.7	-10.1
1272.000	V	14.7		1.9	29.8	0.0	0.0	46.3	207.5	616.7	-9.5
1590.000	H	16.1		2.1	29.5	0.0	0.0	47.7	243.1	500.0	-6.3
1590.000	V	16.7		2.1	29.5	0.0	0.0	48.3	260.5	500.0	-5.7


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 23
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 08:25:25 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 21
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 08:21:08 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 41
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 13:55:13 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

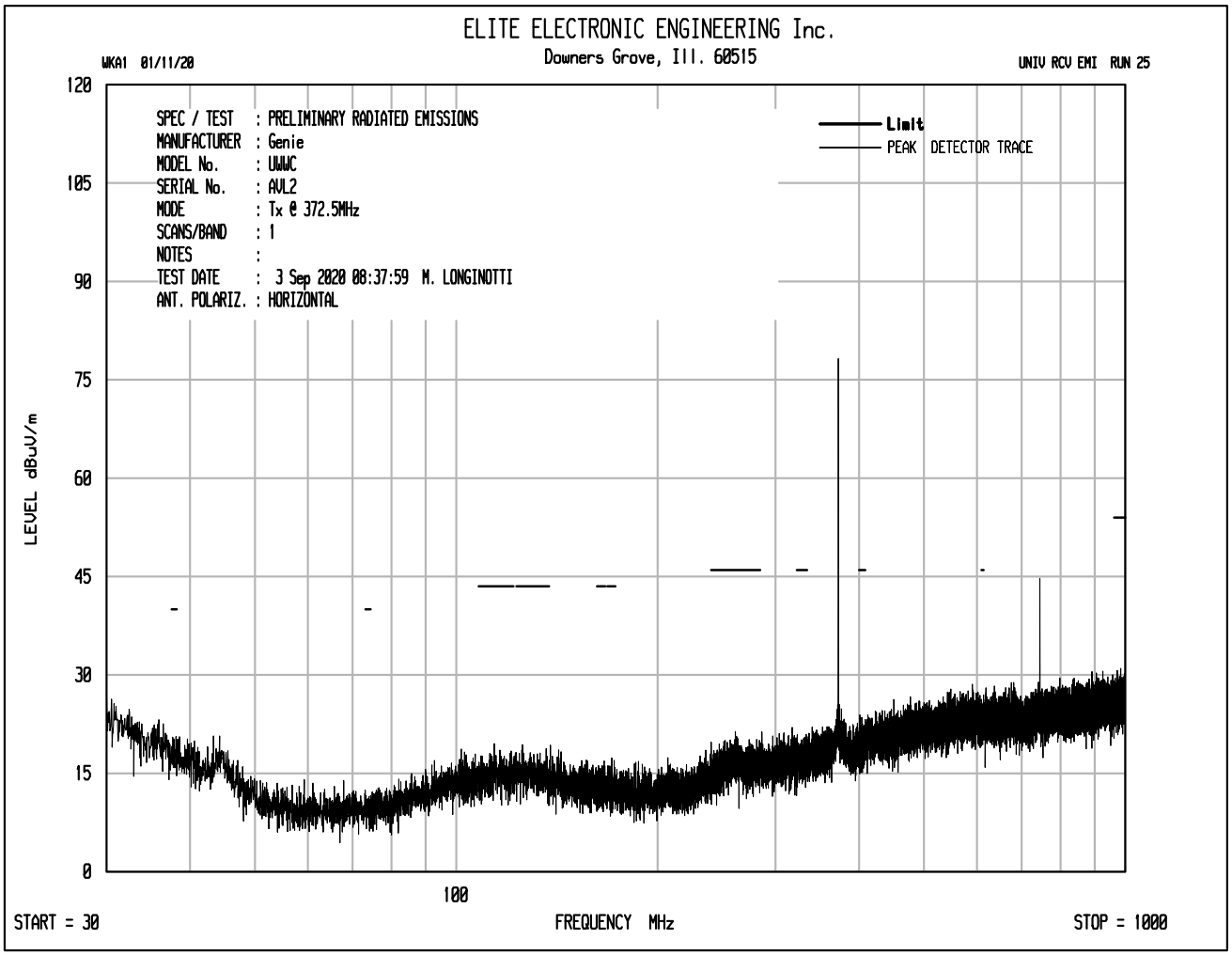

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 40
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 13:53:23 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

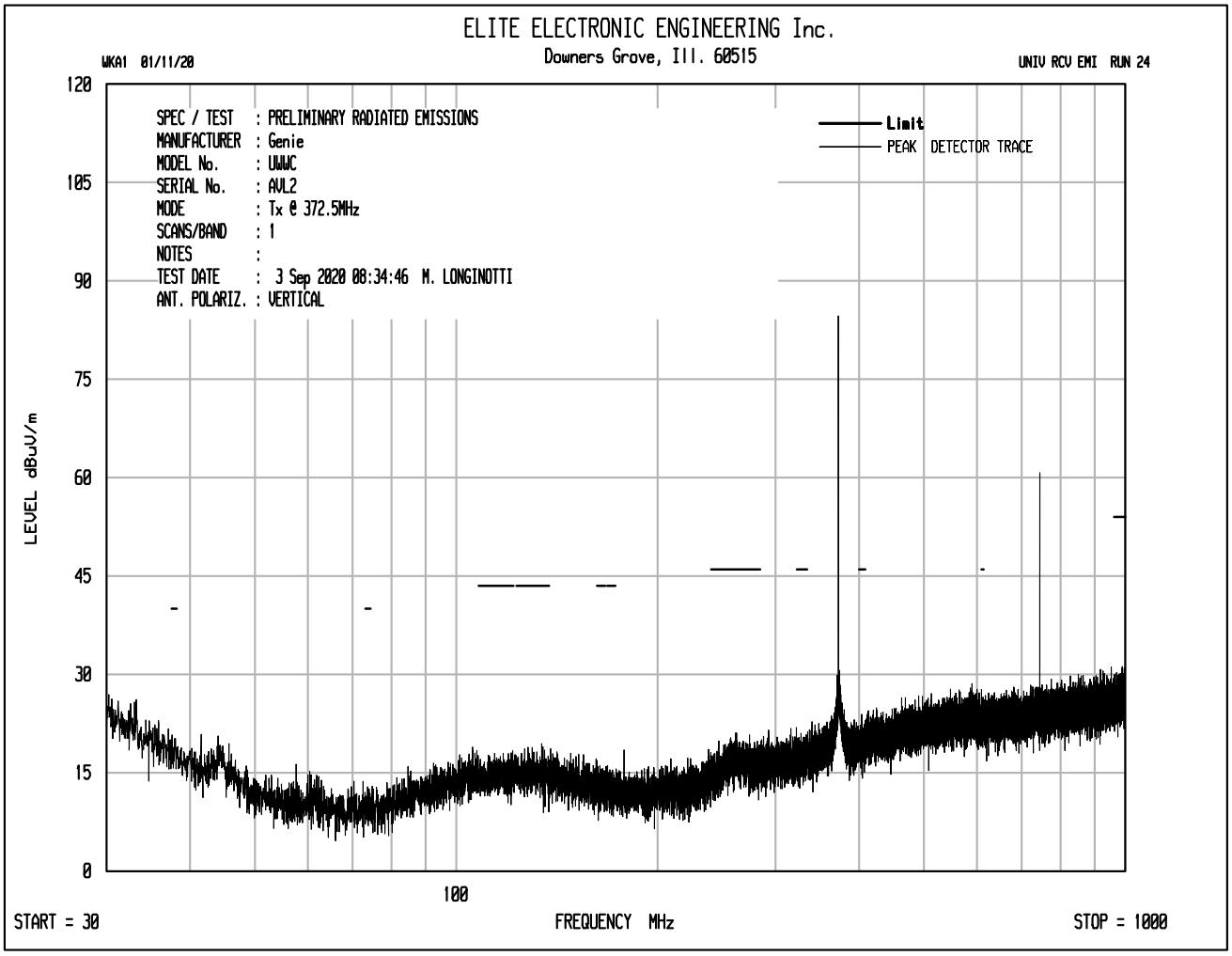
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 372.5MHz
Protocol	Wayne Dalton Protocol
Notes	

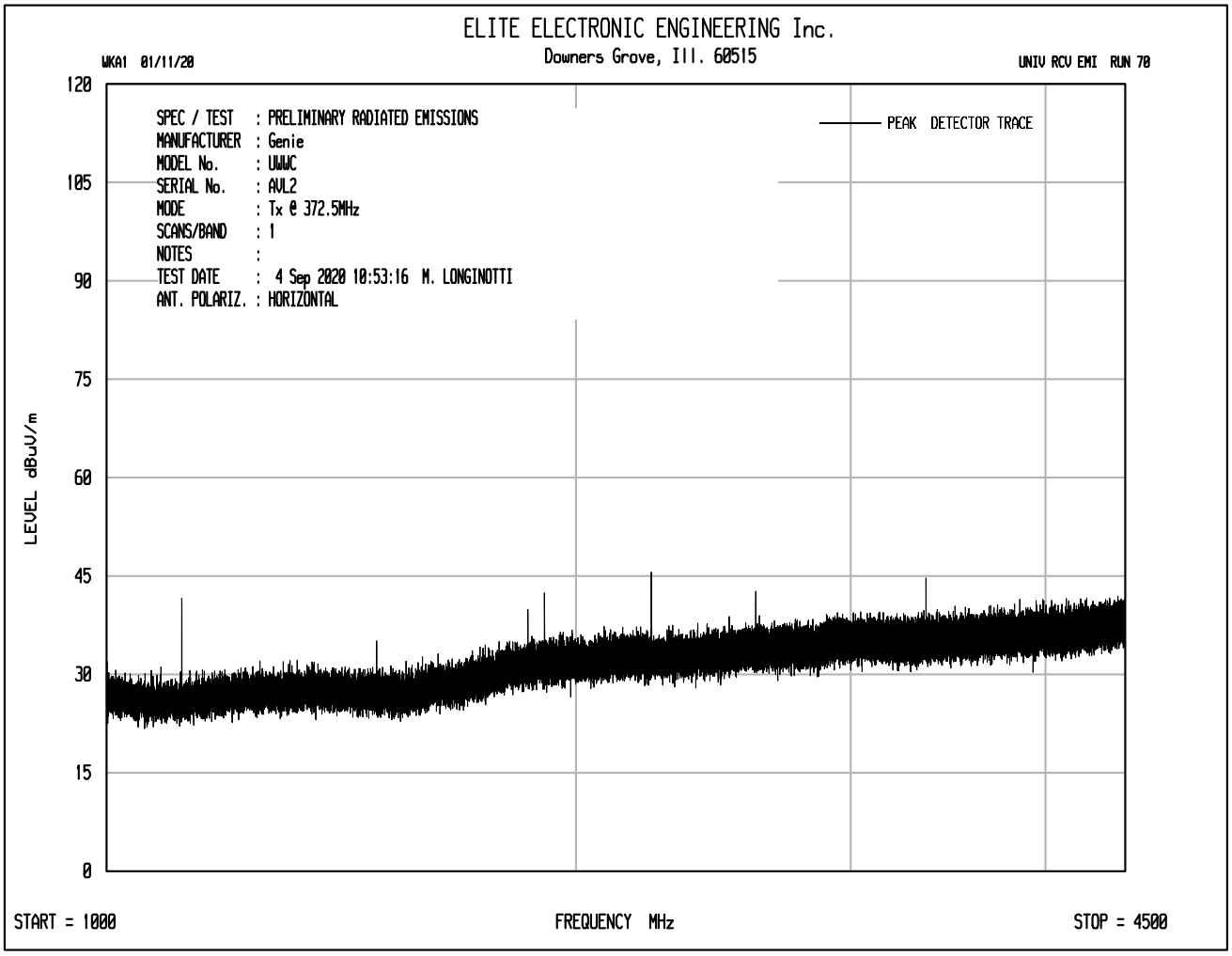
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
372.500	H	53.5		1.0	21.0	0.0	-12.5	63.0	1409.3	8437.5	-15.5
372.500	V	63.0		1.0	21.0	0.0	-12.5	72.5	4207.4	8437.5	-6.0
745.000	H	20.9		1.4	25.7	0.0	-12.5	35.5	59.9	843.7	-23.0
745.000	V	34.2		1.4	25.7	0.0	-12.5	48.8	276.9	843.7	-9.7
1117.500	H	23.2		1.7	28.7	0.0	-12.5	41.2	114.7	500.0	-12.8
1117.500	V	29.3		1.7	28.7	0.0	-12.5	47.3	231.5	500.0	-6.7
1490.000	H	16.9		2.0	29.3	0.0	-12.5	35.7	61.1	500.0	-18.3
1490.000	V	19.2		2.0	29.3	0.0	-12.5	38.0	79.6	500.0	-16.0
1862.500	H	20.3		2.3	32.1	0.0	-12.5	42.1	128.0	843.7	-16.4
1862.500	V	18.0		2.3	32.1	0.0	-12.5	39.8	98.2	843.7	-18.7
2235.000	H	20.9		2.5	32.7	0.0	-12.5	43.6	152.2	500.0	-10.3
2235.000	V	20.6		2.5	32.7	0.0	-12.5	43.3	147.0	500.0	-10.6
2607.500	H	17.0		2.7	32.9	0.0	-12.5	40.1	101.6	843.7	-18.4
2607.500	V	18.3	Ambient	2.7	32.9	0.0	-12.5	41.4	118.1	843.7	-17.1
2980.000	H	17.4	Ambient	2.9	34.0	0.0	-12.5	41.8	123.6	843.7	-16.7
2980.000	V	17.8	Ambient	2.9	34.0	0.0	-12.5	42.2	129.4	843.7	-16.3
3352.500	H	18.2	Ambient	3.1	33.6	0.0	-12.5	42.5	133.4	500.0	-11.5
3352.500	V	17.9	Ambient	3.1	33.6	0.0	-12.5	42.2	128.8	500.0	-11.8
3725.000	H	17.7	Ambient	3.3	34.5	0.0	-12.5	43.0	141.4	500.0	-11.0
3725.000	V	17.7	Ambient	3.3	34.5	0.0	-12.5	43.0	141.4	500.0	-11.0

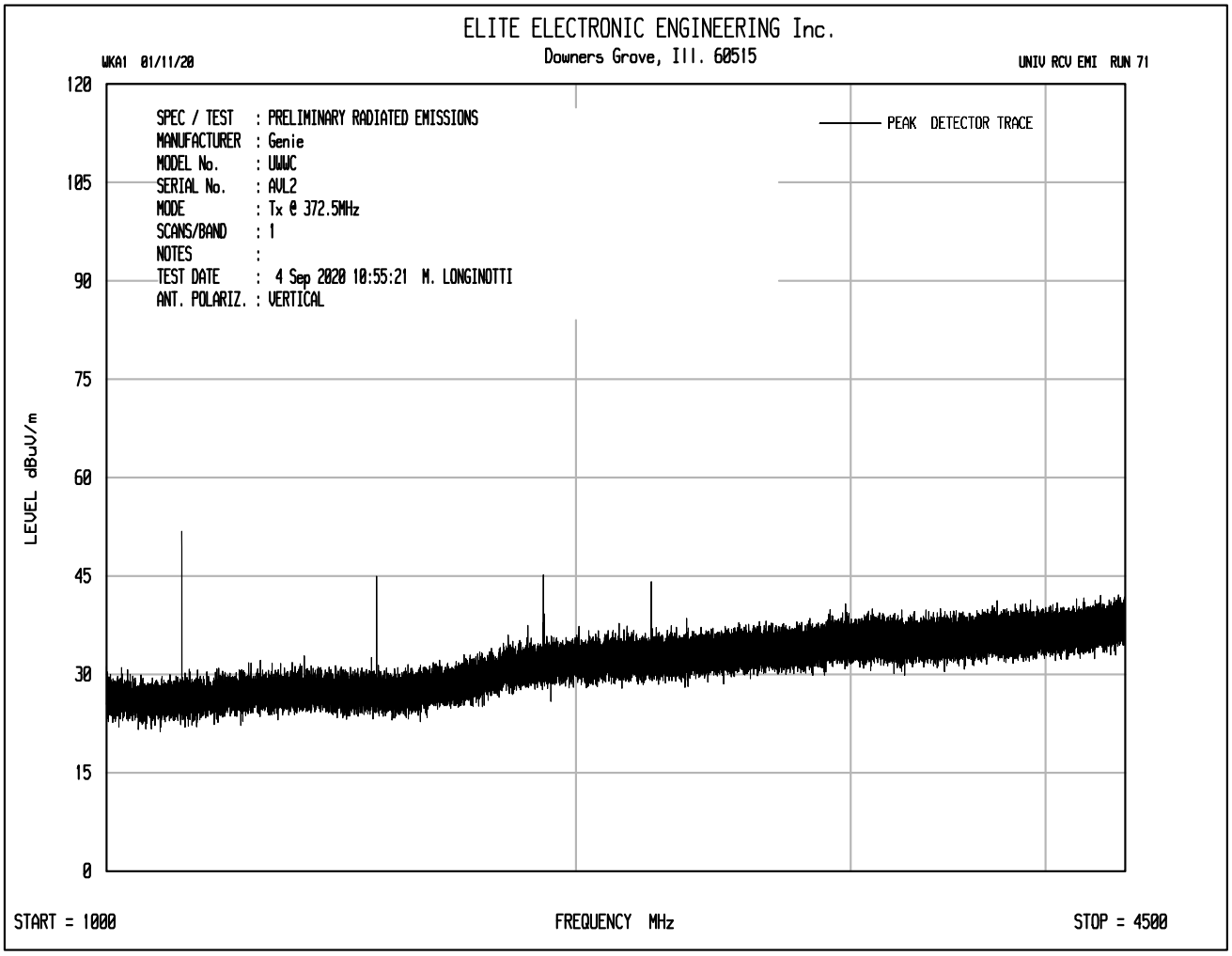
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 372.5MHz
Protocol	Ryobi Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
372.500	H	53.5		1.0	21.0	0.0	-13.0	62.5	1325.9	8437.5	-16.1
372.500	V	63.0		1.0	21.0	0.0	-13.0	72.0	3958.3	8437.5	-6.6
745.000	H	20.9		1.4	25.7	0.0	-13.0	35.0	56.3	843.7	-23.5
745.000	V	34.2		1.4	25.7	0.0	-13.0	48.3	260.5	843.7	-10.2
1117.500	H	23.2		1.7	28.7	0.0	-13.0	40.7	107.9	500.0	-13.3
1117.500	V	29.3		1.7	28.7	0.0	-13.0	46.8	217.8	500.0	-7.2
1490.000	H	16.9		2.0	29.3	0.0	-13.0	35.2	57.4	500.0	-18.8
1490.000	V	19.2		2.0	29.3	0.0	-13.0	37.5	74.9	500.0	-16.5
1862.500	H	20.3		2.3	32.1	0.0	-13.0	41.6	120.4	843.7	-16.9
1862.500	V	18.0		2.3	32.1	0.0	-13.0	39.3	92.4	843.7	-19.2
2235.000	H	20.9		2.5	32.7	0.0	-13.0	43.1	143.2	500.0	-10.9
2235.000	V	20.6		2.5	32.7	0.0	-13.0	42.8	138.3	500.0	-11.2
2607.500	H	17.0		2.7	32.9	0.0	-13.0	39.6	95.6	843.7	-18.9
2607.500	V	18.3	Ambient	2.7	32.9	0.0	-13.0	40.9	111.1	843.7	-17.6
2980.000	H	17.4	Ambient	2.9	34.0	0.0	-13.0	41.3	116.2	843.7	-17.2
2980.000	V	17.8	Ambient	2.9	34.0	0.0	-13.0	41.7	121.7	843.7	-16.8
3352.500	H	18.2	Ambient	3.1	33.6	0.0	-13.0	42.0	125.5	500.0	-12.0
3352.500	V	17.9	Ambient	3.1	33.6	0.0	-13.0	41.7	121.2	500.0	-12.3
3725.000	H	17.7	Ambient	3.3	34.5	0.0	-13.0	42.5	133.1	500.0	-11.5
3725.000	V	17.7	Ambient	3.3	34.5	0.0	-13.0	42.5	133.1	500.0	-11.5


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 25
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AUL2
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 08:37:59 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 24
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 08:34:46 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 70
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 10:53:16 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

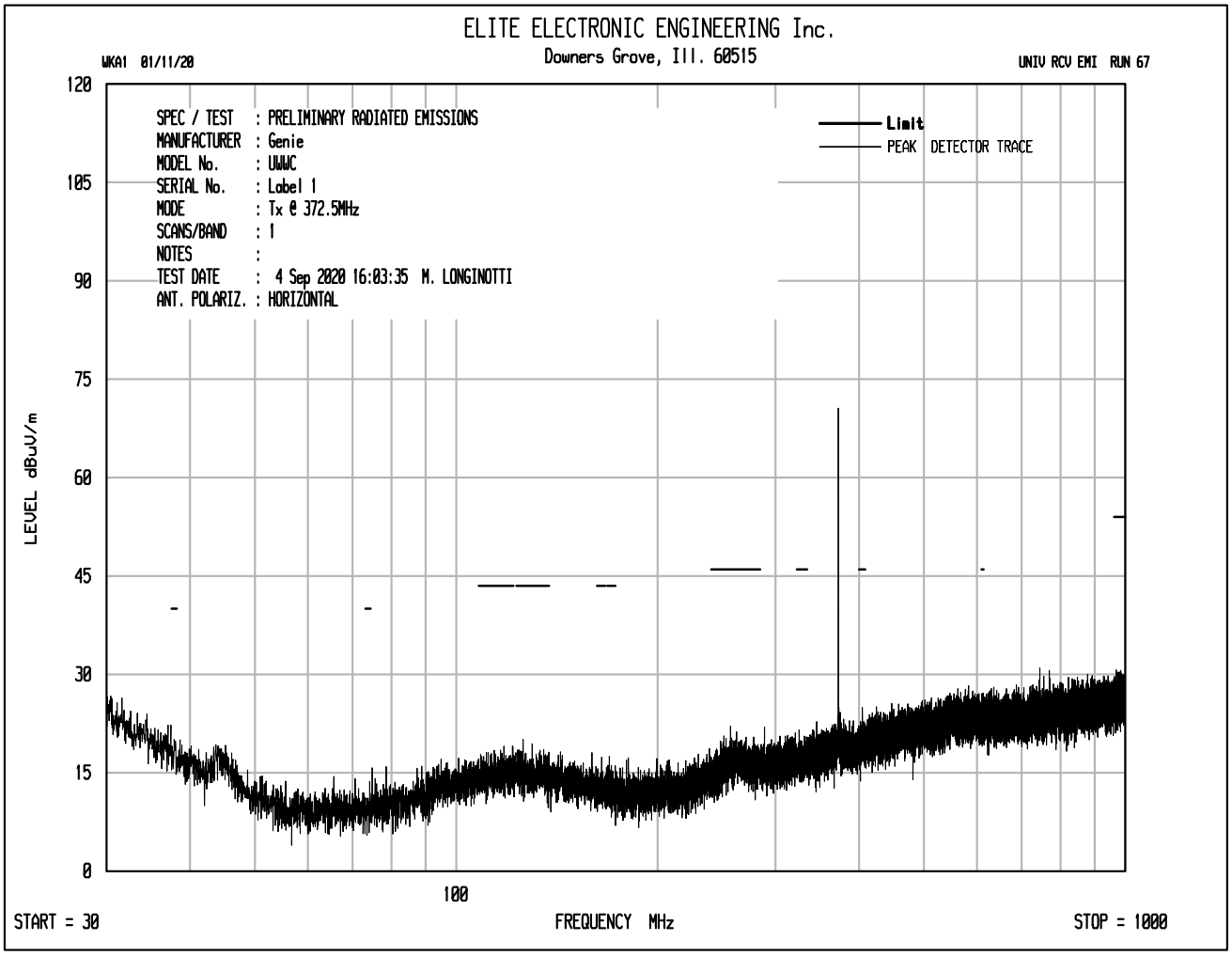

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 71
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 10:55:21 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

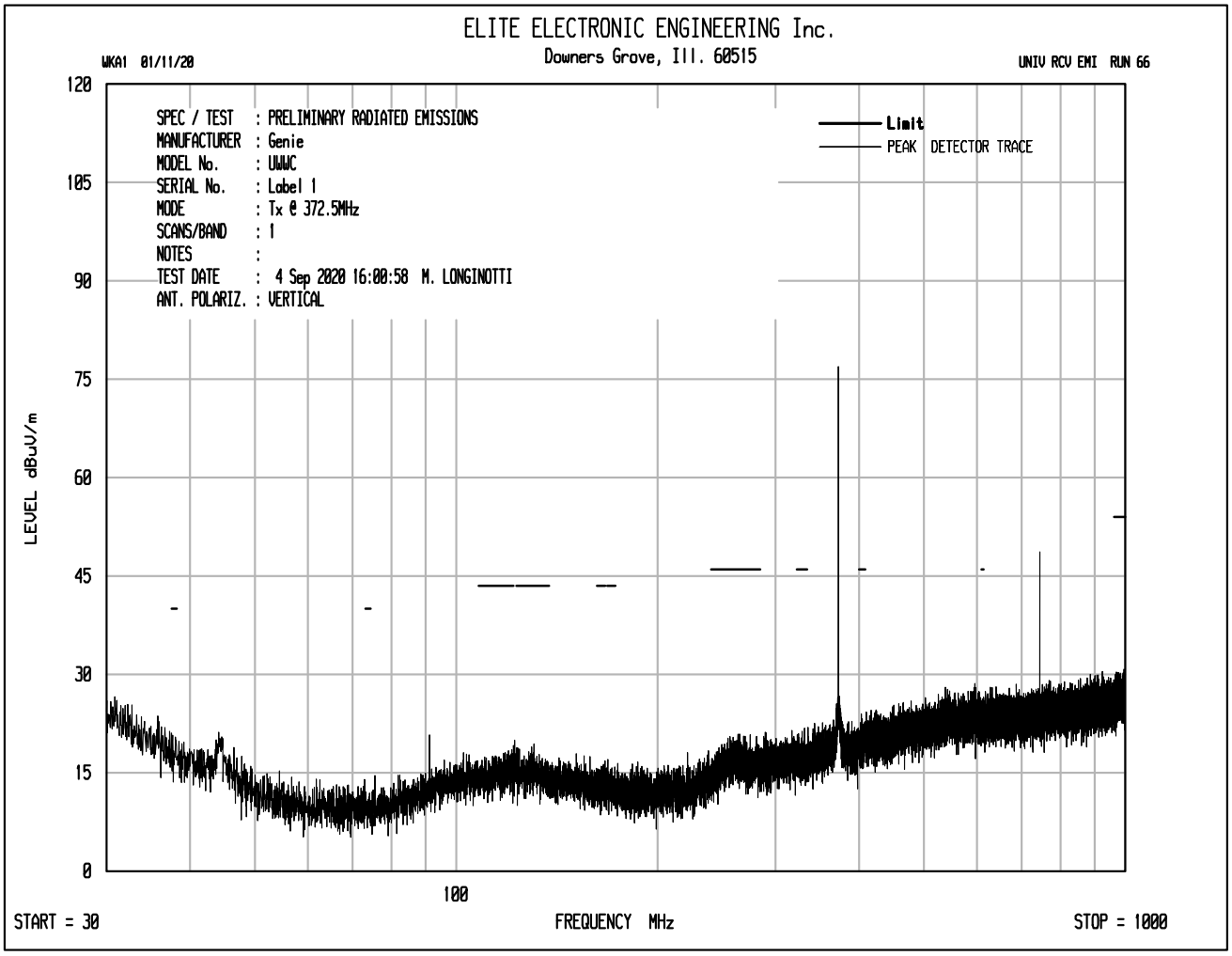
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 372.5MHz
Protocol	Wayne Dalton Protocol
Notes	

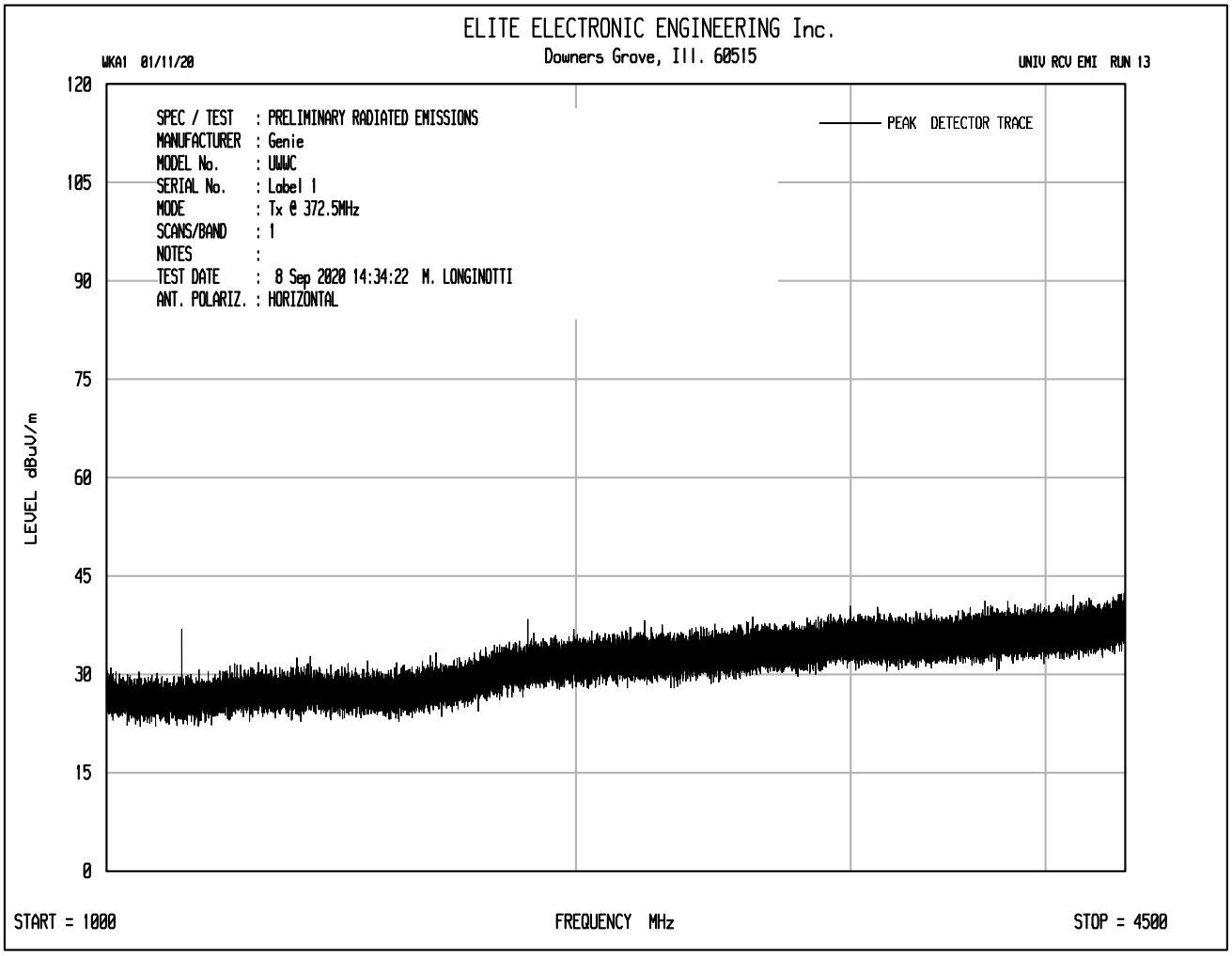
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
372.500	H	56.2		1.0	21.0	0.0	-12.5	65.7	1923.1	8437.5	-12.8
372.500	V	62.8		1.0	21.0	0.0	-12.5	72.3	4111.6	8437.5	-6.2
745.000	H	23.4		1.4	25.7	0.0	-12.5	38.0	79.9	843.7	-20.5
745.000	V	35.7		1.4	25.7	0.0	-12.5	50.3	329.1	843.7	-8.2
1117.500	H	20.5		1.7	28.7	0.0	-12.5	38.5	84.0	500.0	-15.5
1117.500	V	26.5		1.7	28.7	0.0	-12.5	44.5	167.7	500.0	-9.5
1490.000	H	16.5		2.0	29.3	0.0	-12.5	35.3	58.3	500.0	-18.7
1490.000	V	20.8		2.0	29.3	0.0	-12.5	39.6	95.7	500.0	-14.4

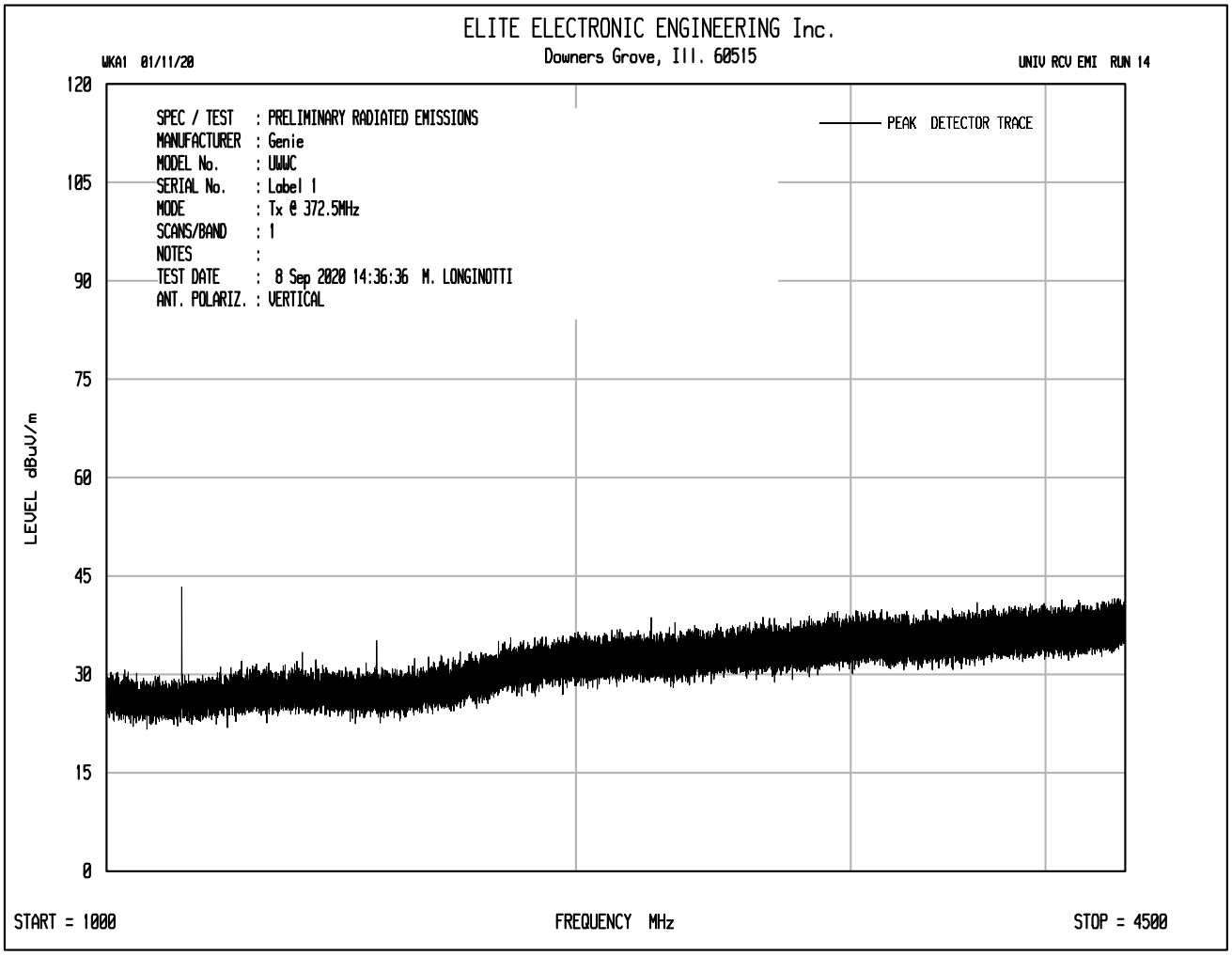
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 372.5MHz
Protocol	Ryobi Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
372.500	H	56.2		1.0	21.0	0.0	-13.0	65.2	1809.3	8437.5	-13.4
372.500	V	62.8		1.0	21.0	0.0	-13.0	71.8	3868.2	8437.5	-6.8
745.000	H	23.4		1.4	25.7	0.0	-13.0	37.5	75.1	843.7	-21.0
745.000	V	35.7		1.4	25.7	0.0	-13.0	49.8	309.6	843.7	-8.7
1117.500	H	20.5		1.7	28.7	0.0	-13.0	38.0	79.1	500.0	-16.0
1117.500	V	26.5		1.7	28.7	0.0	-13.0	44.0	157.8	500.0	-10.0
1490.000	H	16.5		2.0	29.3	0.0	-13.0	34.8	54.9	500.0	-19.2
1490.000	V	20.8		2.0	29.3	0.0	-13.0	39.1	90.0	500.0	-14.9


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 67
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 16:03:35 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

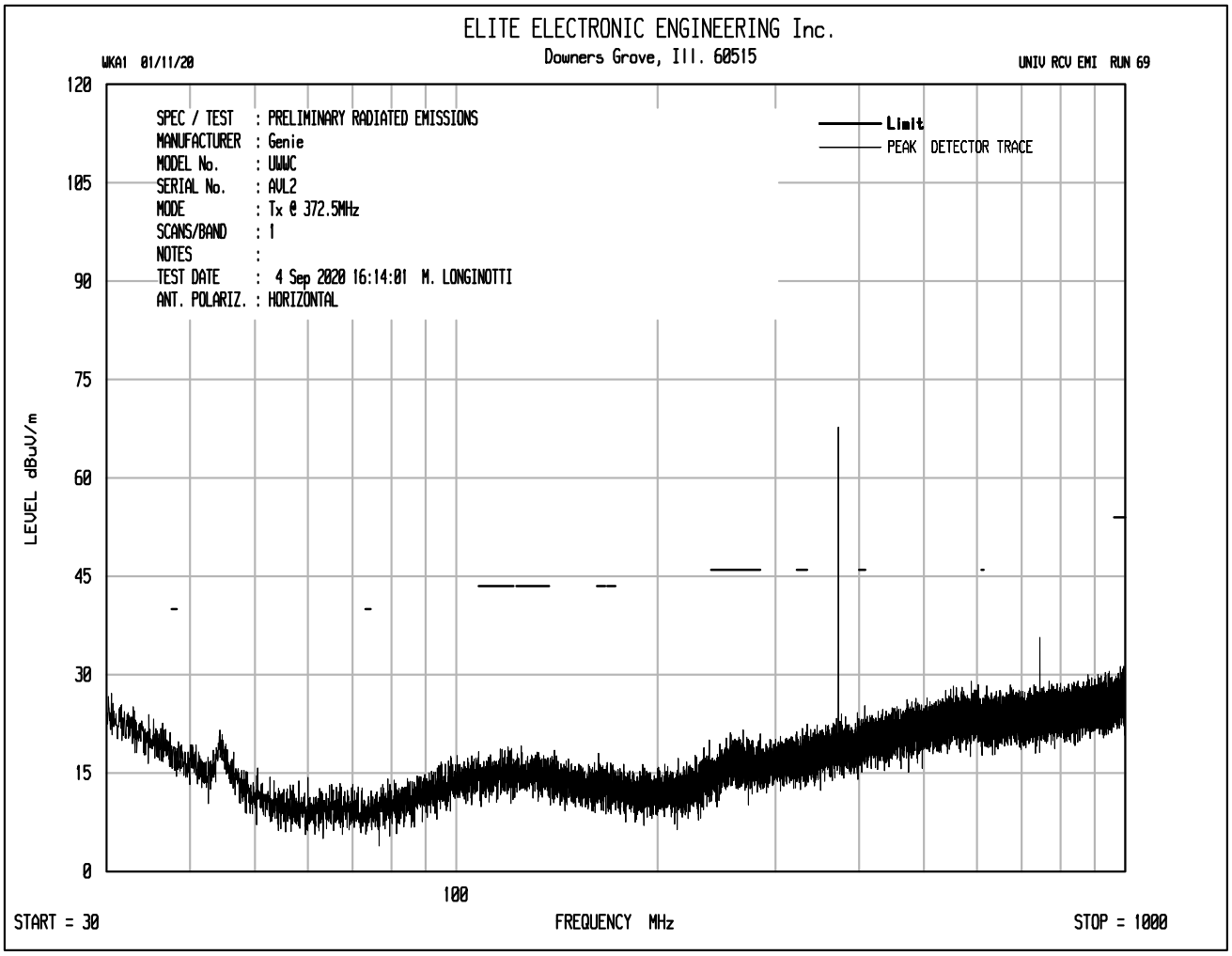

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 66
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 16:00:58 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

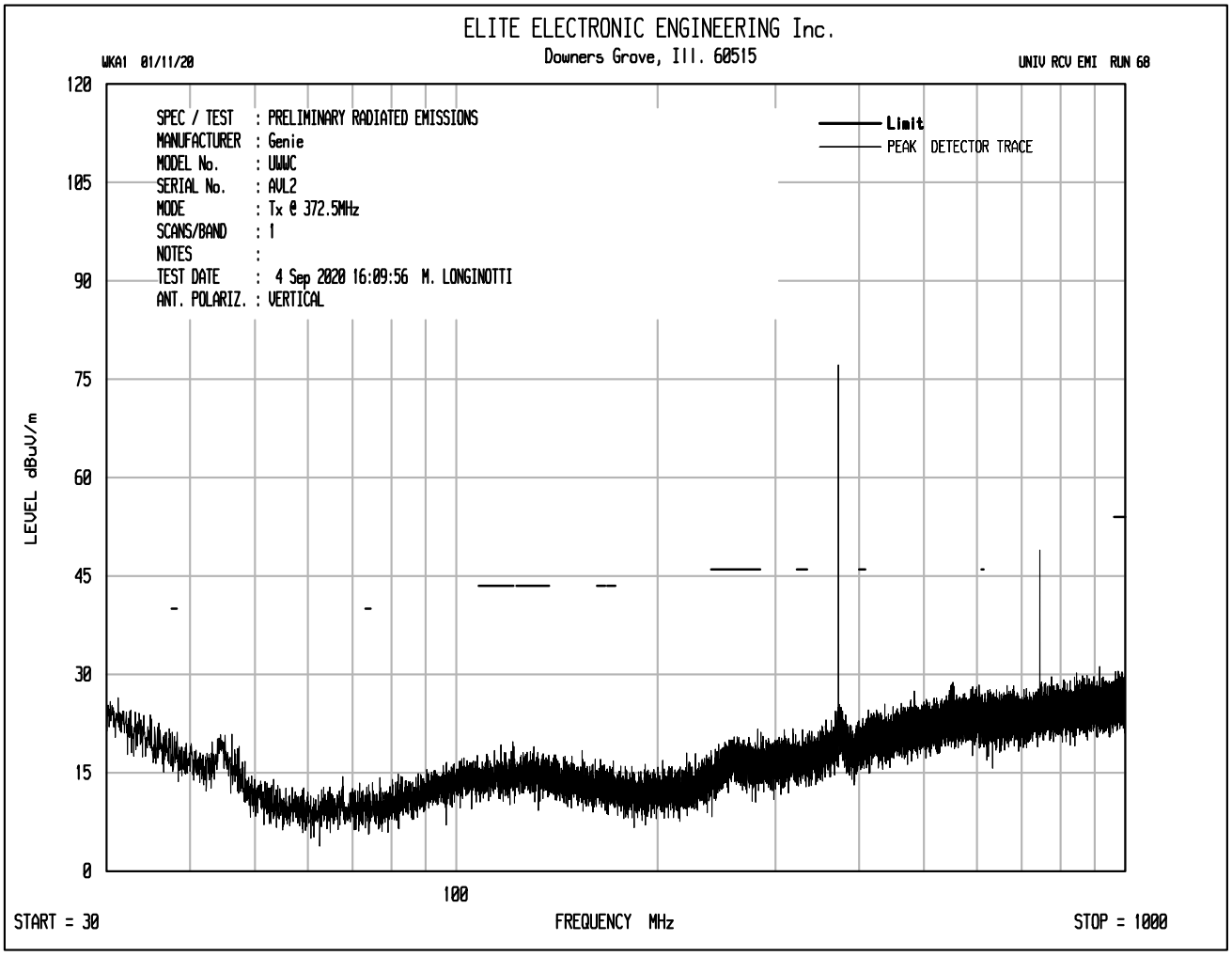

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 13
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 14:34:22 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

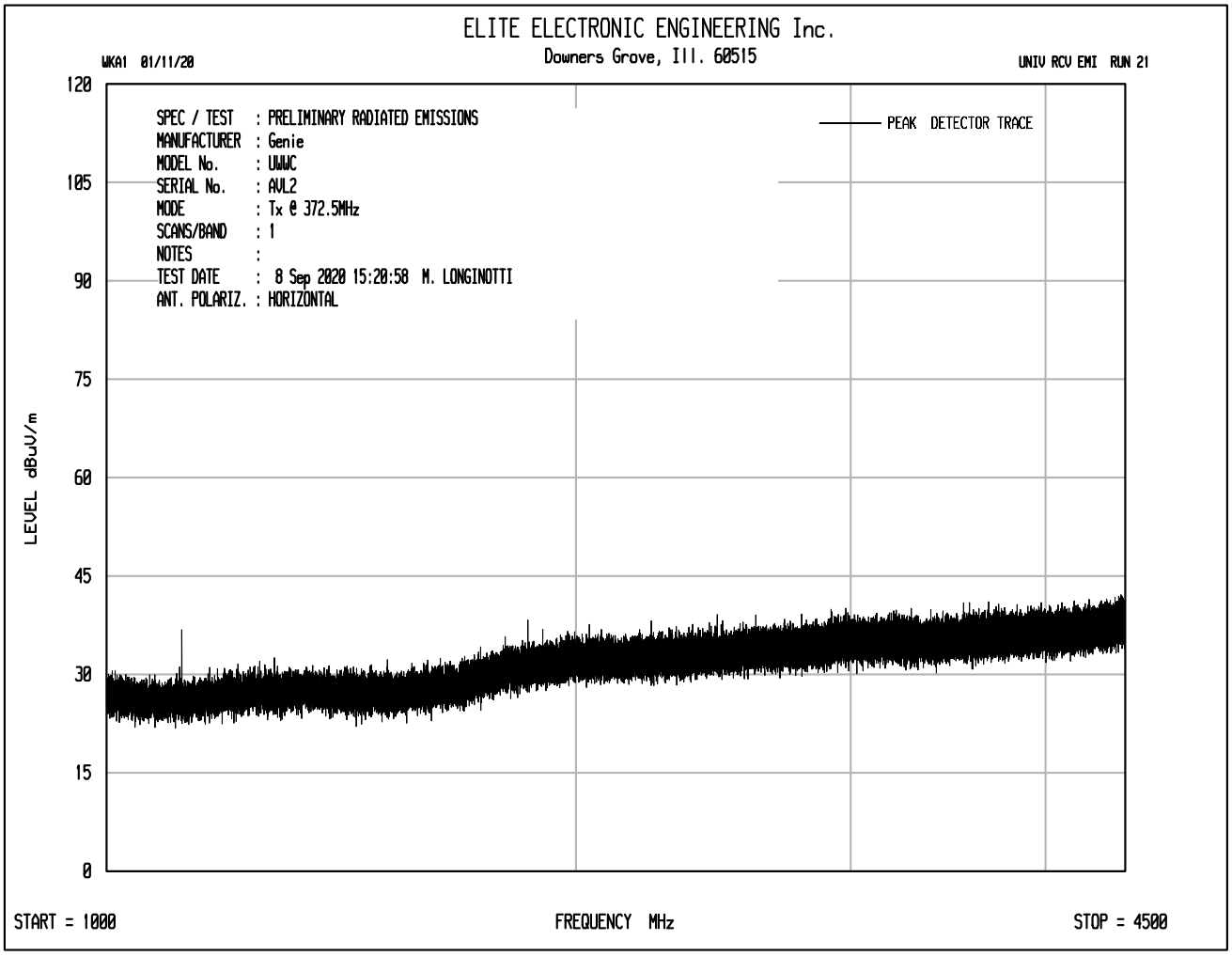

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 14
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 14:36:36 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

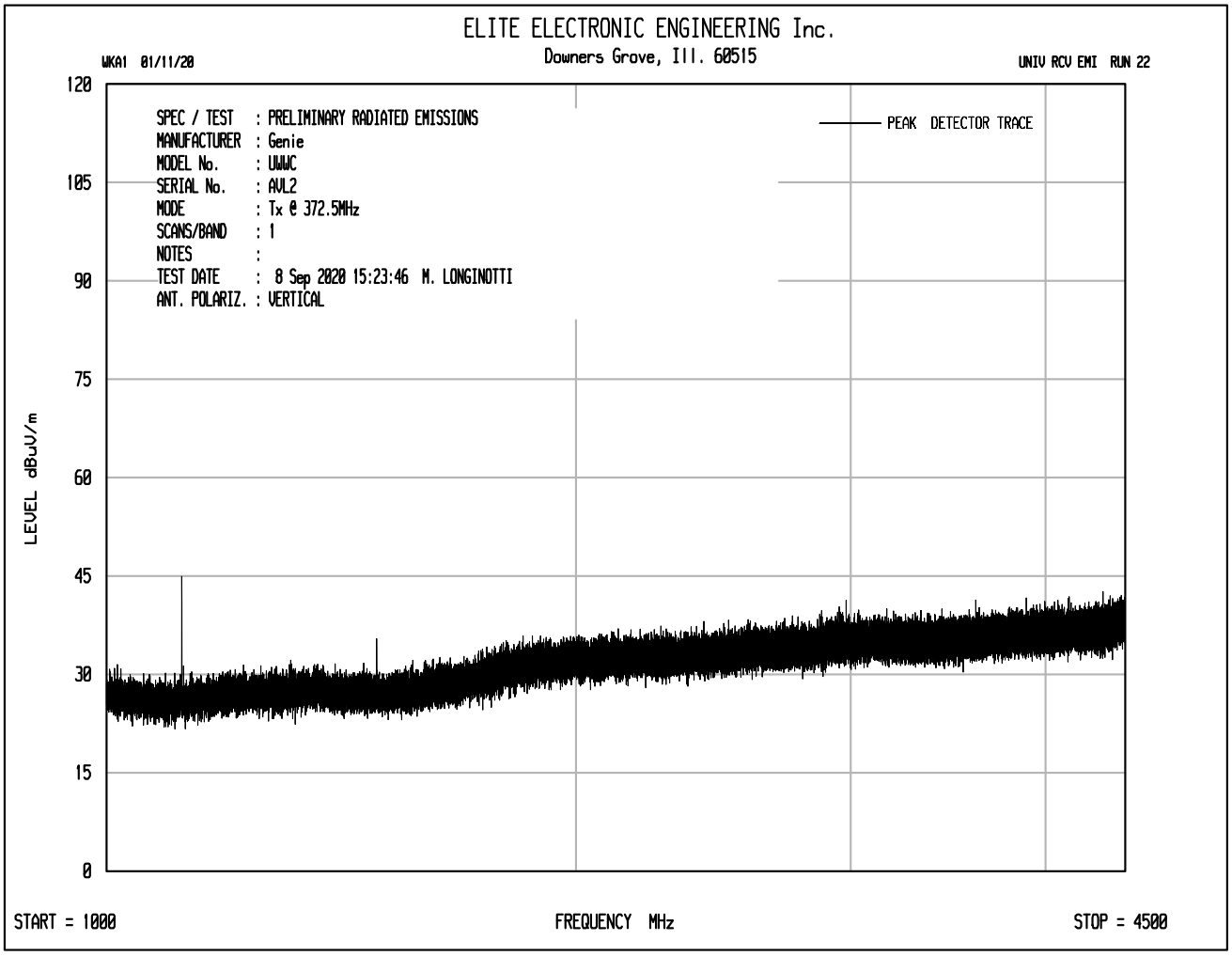
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 372.5MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
372.500	H	48.8		1.0	21.0	0.0	0.0	70.8	3447.6	8437.5	-7.8
372.500	V	55.6		1.0	21.0	0.0	0.0	77.6	7542.5	8437.5	-1.0
745.000	H	12.7		1.4	25.7	0.0	0.0	39.8	97.9	843.7	-18.7
745.000	V	24.6		1.4	25.7	0.0	0.0	51.7	385.3	843.7	-6.8
1117.500	H	16.4		1.7	28.7	0.0	0.0	46.9	220.3	500.0	-7.1
1117.500	V	20.2		1.7	28.7	0.0	0.0	50.7	341.2	500.0	-3.3
1490.000	H	15.6		2.0	29.3	0.0	0.0	46.9	220.9	500.0	-7.1
1490.000	V	16.7		2.0	29.3	0.0	0.0	48.0	250.8	500.0	-6.0
1862.500	H	16.5		2.3	32.1	0.0	0.0	50.8	347.2	843.7	-7.7
1862.500	V	16.9		2.3	32.1	0.0	0.0	51.2	363.5	843.7	-7.3
2235.000	H	16.6	Ambient	2.5	32.7	0.0	0.0	51.8	389.9	500.0	-2.2
2235.000	V	17.2	Ambient	2.5	32.7	0.0	0.0	52.4	417.7	500.0	-1.6
2607.500	H	17.4	Ambient	2.7	32.9	0.0	0.0	53.0	447.3	843.7	-5.5
2607.500	V	16.9	Ambient	2.7	32.9	0.0	0.0	52.5	422.3	843.7	-6.0
2980.000	H	17.6	Ambient	2.9	34.0	0.0	0.0	54.5	531.3	843.7	-4.0
2980.000	V	17.6	Ambient	2.9	34.0	0.0	0.0	54.5	531.3	843.7	-4.0
3352.500	H	15.1	Ambient	3.1	33.6	0.0	0.0	51.9	392.2	500.0	-2.1
3352.500	V	15.9	Ambient	3.1	33.6	0.0	0.0	52.7	430.1	500.0	-1.3
3725.000	H	15.8	Ambient	3.3	34.5	0.0	0.0	53.6	477.6	500.0	-0.4
3725.000	V	15.8	Ambient	3.3	34.5	0.0	0.0	53.6	477.6	500.0	-0.4


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 69
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AUL2
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 16:14:01 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

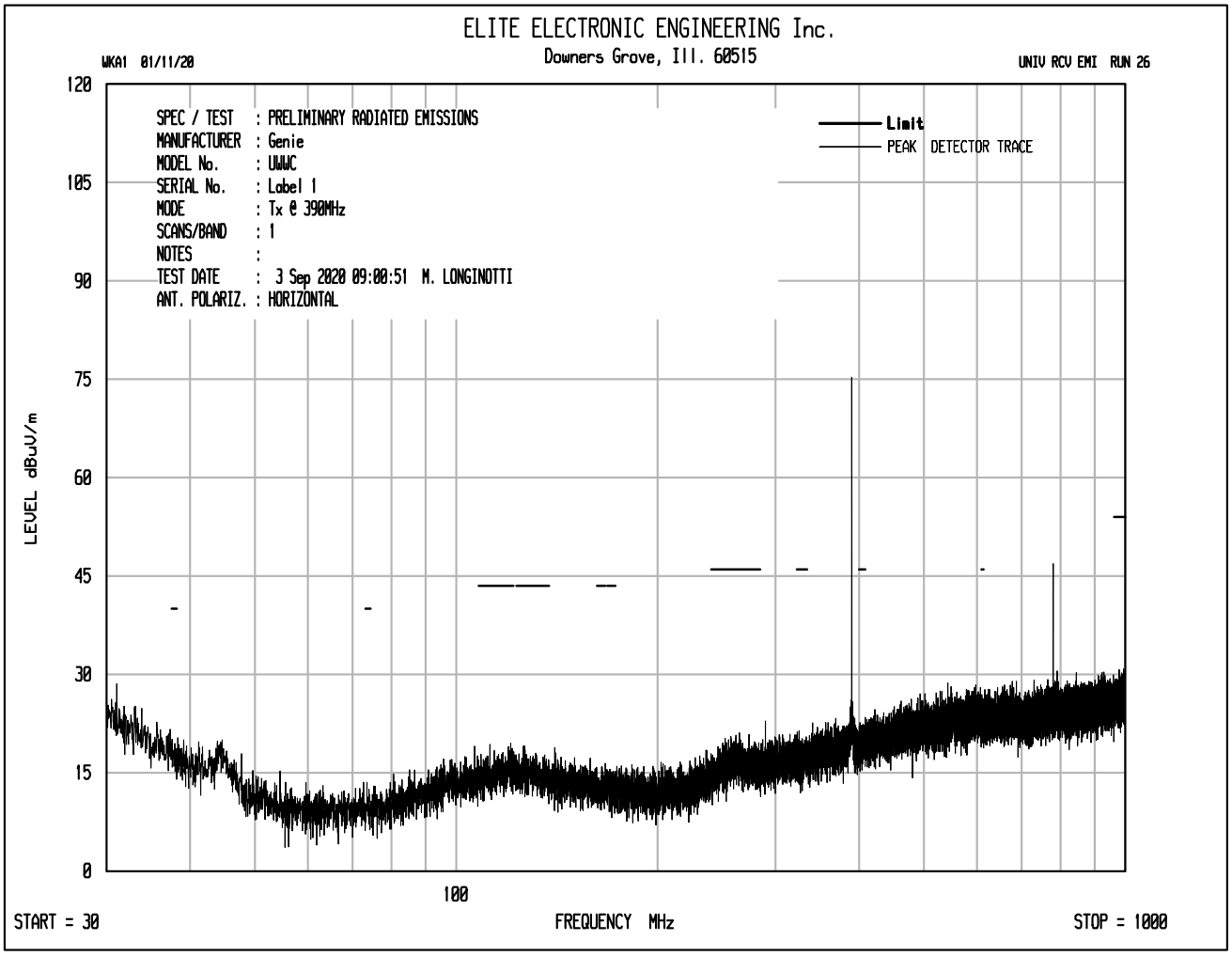

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 68
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 16:09:56 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

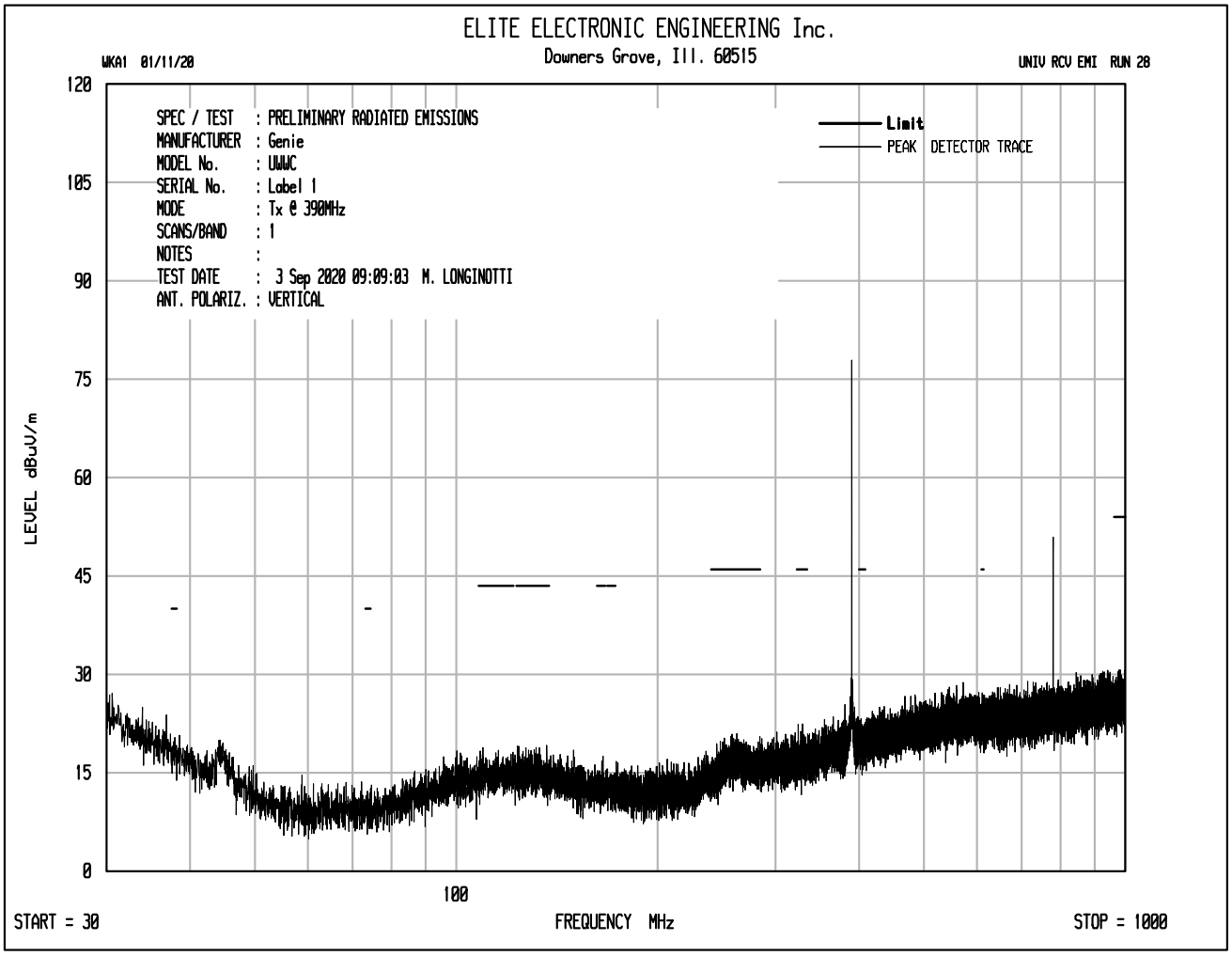

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 21
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 15:20:58 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

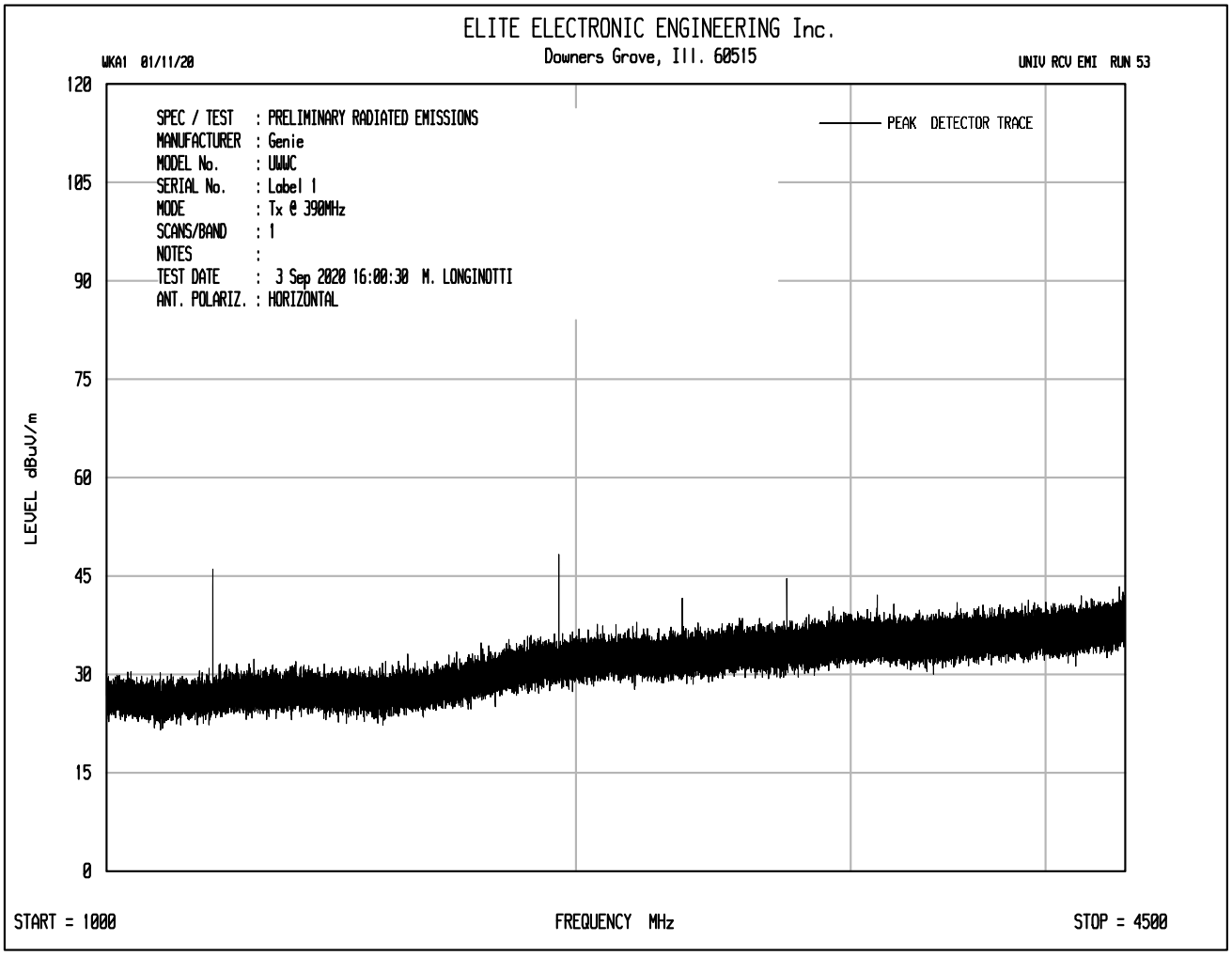

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 22
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 372.5MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 8 Sep 2020 15:23:46 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

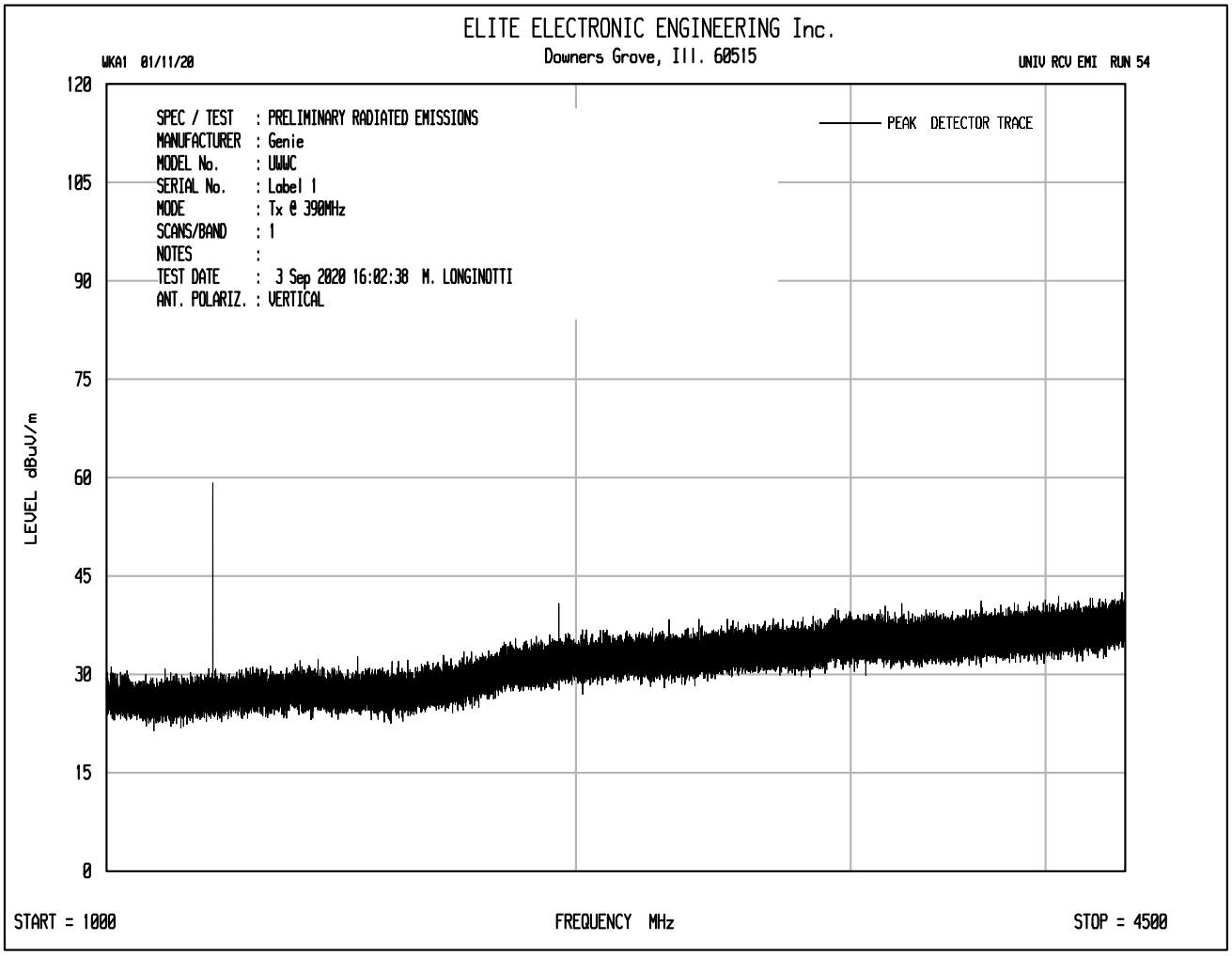
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 372.5MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
372.500	H	46.4		1.0	21.0	0.0	0.0	68.4	2615.2	8437.5	-10.2
372.500	V	55.3		1.0	21.0	0.0	0.0	77.3	7286.4	8437.5	-1.3
1117.500	H	16.5		1.7	28.7	0.0	0.0	47.0	222.9	500.0	-7.0
1117.500	V	21.1		1.7	28.7	0.0	0.0	51.6	378.5	500.0	-2.4
1490.000	H	15.2		2.0	29.3	0.0	0.0	46.5	211.0	500.0	-7.5
1490.000	V	16.0		2.0	29.3	0.0	0.0	47.3	231.4	500.0	-6.7


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 26
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 09:00:51 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 28
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 09:09:03 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 53
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 16:00:30 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 54
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 16:02:38 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Chamberlain Green Protocol
Notes	

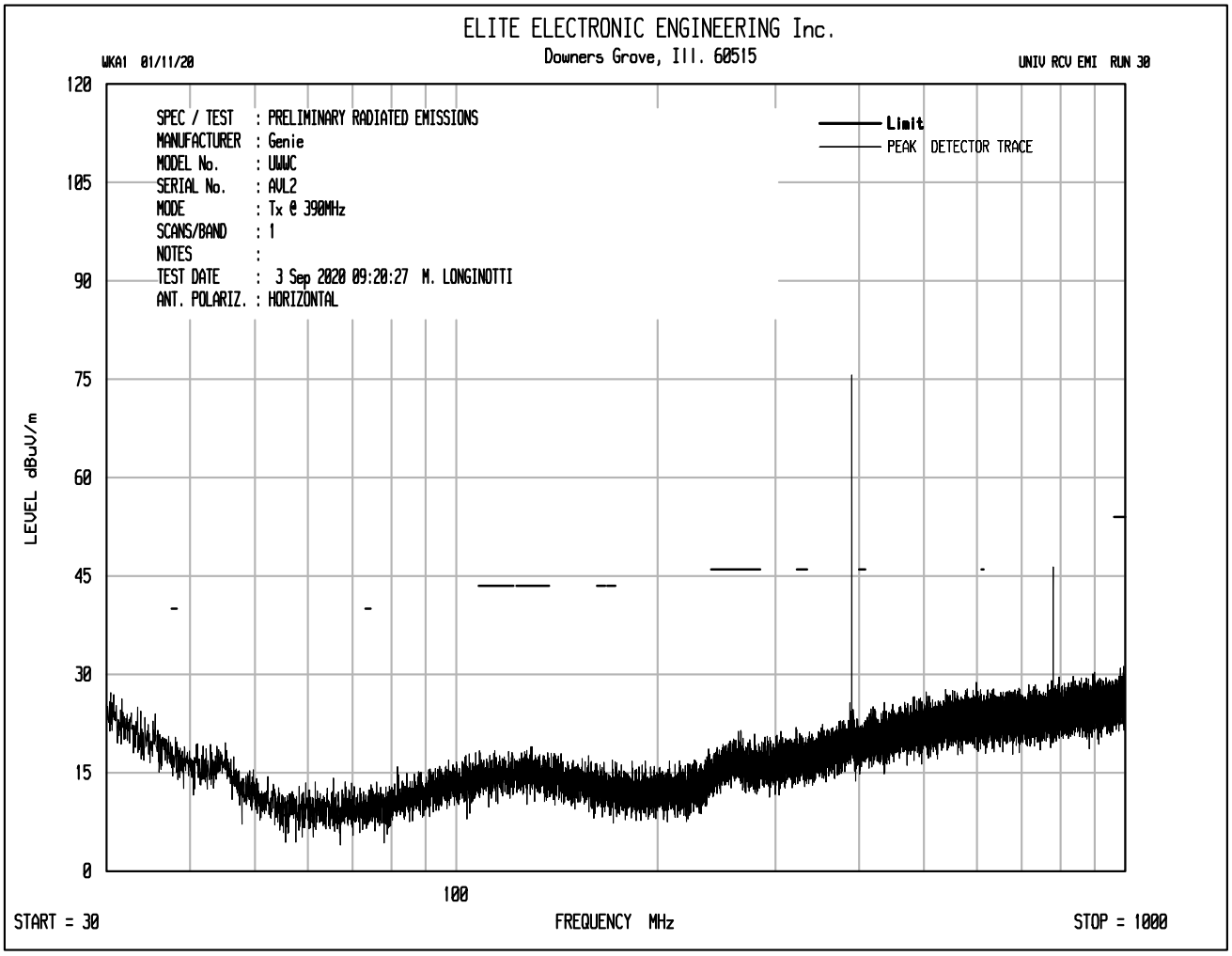
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	54.6		1.0	20.8	0.0	-10.5	66.0	1996.6	9166.7	-13.2
390.000	V	60.8		1.0	20.8	0.0	-10.5	72.2	4076.6	9166.7	-7.0
780.000	H	24.8		1.4	26.0	0.0	-10.5	41.8	123.4	916.7	-17.4
780.000	V	38.3		1.4	26.0	0.0	-10.5	55.3	584.0	916.7	-3.9
1170.000	H	22.6		1.8	29.3	0.0	-10.5	43.2	144.6	500.0	-10.8
1170.000	V	31.0		1.8	29.3	0.0	-10.5	51.6	380.3	500.0	-2.4
1560.000	H	18.5		2.1	29.1	0.0	-10.5	39.2	91.6	500.0	-14.7
1560.000	V	19.7		2.1	29.1	0.0	-10.5	40.4	105.2	500.0	-13.5
1950.000	H	21.6		2.3	32.6	0.0	-10.5	46.0	200.5	916.7	-13.2
1950.000	V	18.8		2.3	32.6	0.0	-10.5	43.2	145.2	916.7	-16.0
2340.000	H	18.3	Ambient	2.6	32.5	0.0	-10.5	42.9	140.1	500.0	-11.1
2340.000	V	21.7		2.6	32.5	0.0	-10.5	46.3	207.2	500.0	-7.7
2730.000	H	18.3	Ambient	2.8	33.3	0.0	-10.5	44.0	157.6	500.0	-10.0
2730.000	V	18.8		2.8	33.3	0.0	-10.5	44.5	166.9	500.0	-9.5
3120.000	H	17.6	Ambient	3.0	33.8	0.0	-10.5	44.0	157.8	916.7	-15.3
3120.000	V	18.2	Ambient	3.0	33.8	0.0	-10.5	44.6	169.0	916.7	-14.7
3510.000	H	17.6	Ambient	3.2	34.0	0.0	-10.5	44.4	165.3	916.7	-14.9
3510.000	V	17.3	Ambient	3.2	34.0	0.0	-10.5	44.1	159.7	916.7	-15.2
3900.000	H	17.8	Ambient	3.4	35.1	0.0	-10.5	45.8	194.9	500.0	-8.2
3900.000	V	18.4	Ambient	3.4	35.1	0.0	-10.5	46.4	208.9	500.0	-7.6

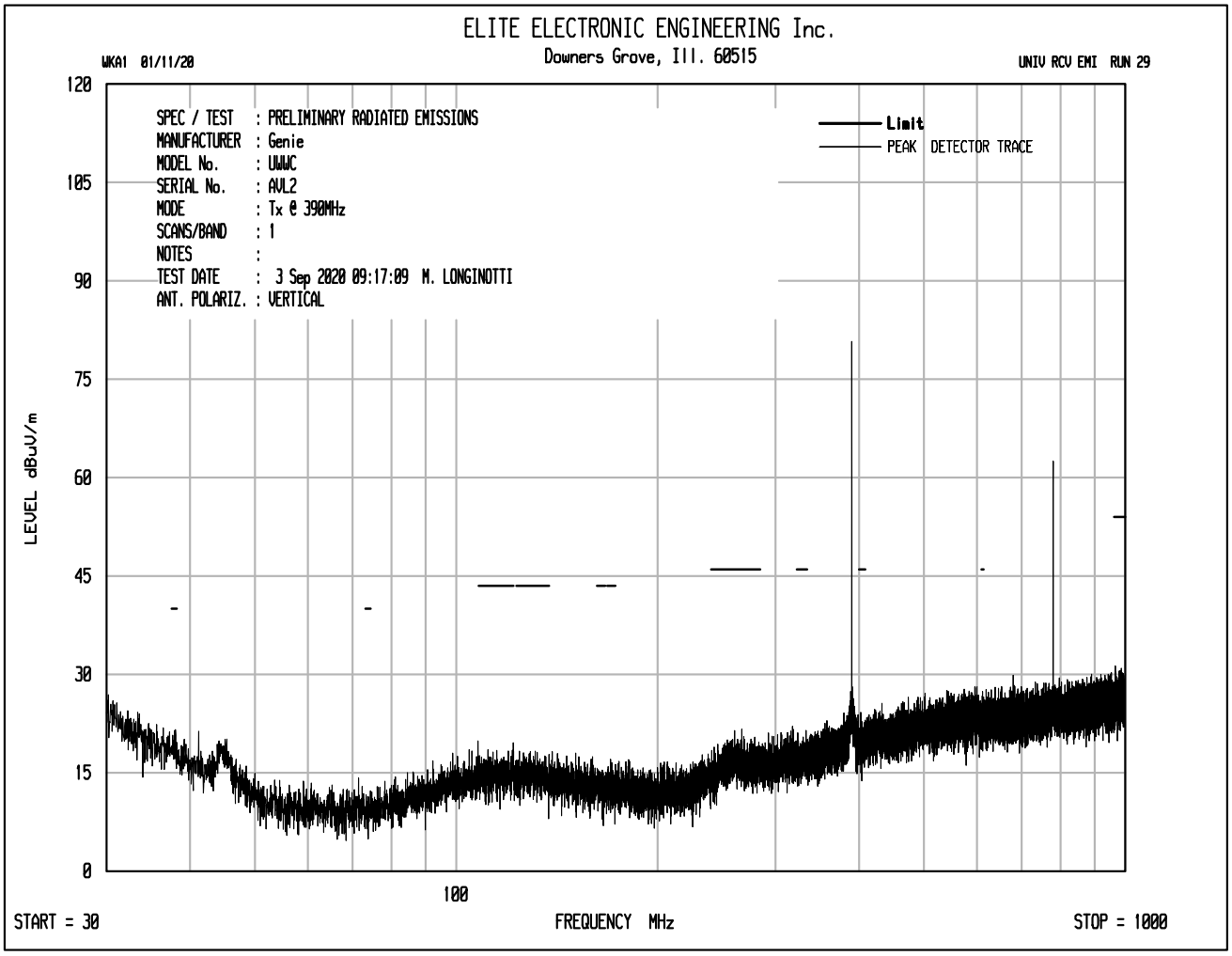
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Genie IC1 Protocol
Notes	

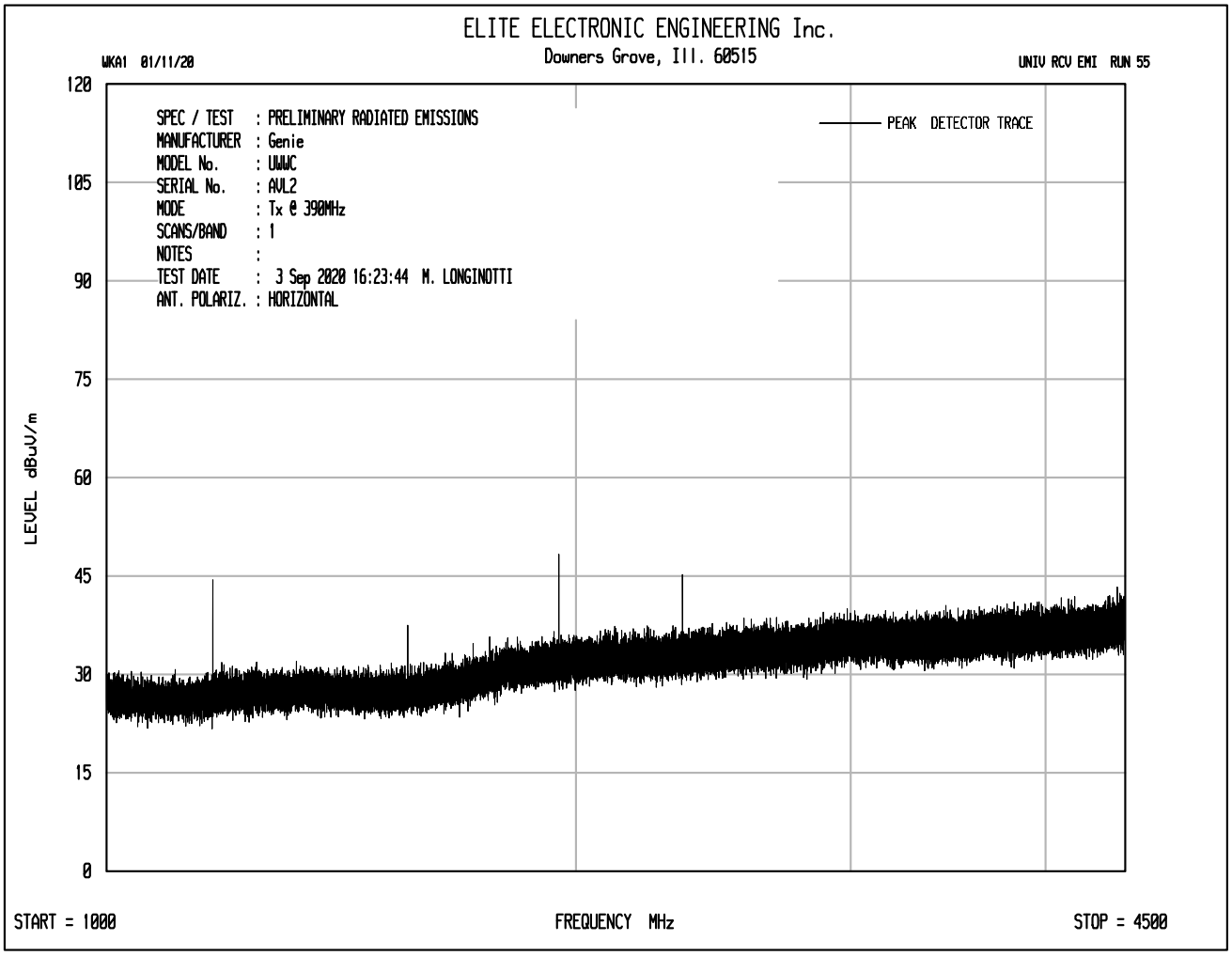
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	54.6		1.0	20.8	0.0	-13.6	62.9	1397.3	9166.7	-16.3
390.000	V	60.8		1.0	20.8	0.0	-13.6	69.1	2852.9	9166.7	-10.1
780.000	H	24.8		1.4	26.0	0.0	-13.6	38.7	86.4	916.7	-20.5
780.000	V	38.3		1.4	26.0	0.0	-13.6	52.2	408.7	916.7	-7.0
1170.000	H	22.6		1.8	29.3	0.0	-13.6	40.1	101.2	500.0	-13.9
1170.000	V	31.0		1.8	29.3	0.0	-13.6	48.5	266.2	500.0	-5.5
1560.000	H	18.5		2.1	29.1	0.0	-13.6	36.1	64.1	500.0	-17.8
1560.000	V	19.7		2.1	29.1	0.0	-13.6	37.3	73.6	500.0	-16.6
1950.000	H	21.6		2.3	32.6	0.0	-13.6	42.9	140.3	916.7	-16.3
1950.000	V	18.8		2.3	32.6	0.0	-13.6	40.1	101.6	916.7	-19.1
2340.000	H	18.3	Ambient	2.6	32.5	0.0	-13.6	39.8	98.1	500.0	-14.2
2340.000	V	21.7		2.6	32.5	0.0	-13.6	43.2	145.0	500.0	-10.8
2730.000	H	18.3	Ambient	2.8	33.3	0.0	-13.6	40.9	110.3	500.0	-13.1
2730.000	V	18.8		2.8	33.3	0.0	-13.6	41.4	116.8	500.0	-12.6
3120.000	H	17.6	Ambient	3.0	33.8	0.0	-13.6	40.9	110.4	916.7	-18.4
3120.000	V	18.2	Ambient	3.0	33.8	0.0	-13.6	41.5	118.3	916.7	-17.8
3510.000	H	17.6	Ambient	3.2	34.0	0.0	-13.6	41.3	115.7	916.7	-18.0
3510.000	V	17.3	Ambient	3.2	34.0	0.0	-13.6	41.0	111.8	916.7	-18.3
3900.000	H	17.8	Ambient	3.4	35.1	0.0	-13.6	42.7	136.4	500.0	-11.3
3900.000	V	18.4	Ambient	3.4	35.1	0.0	-13.6	43.3	146.2	500.0	-10.7

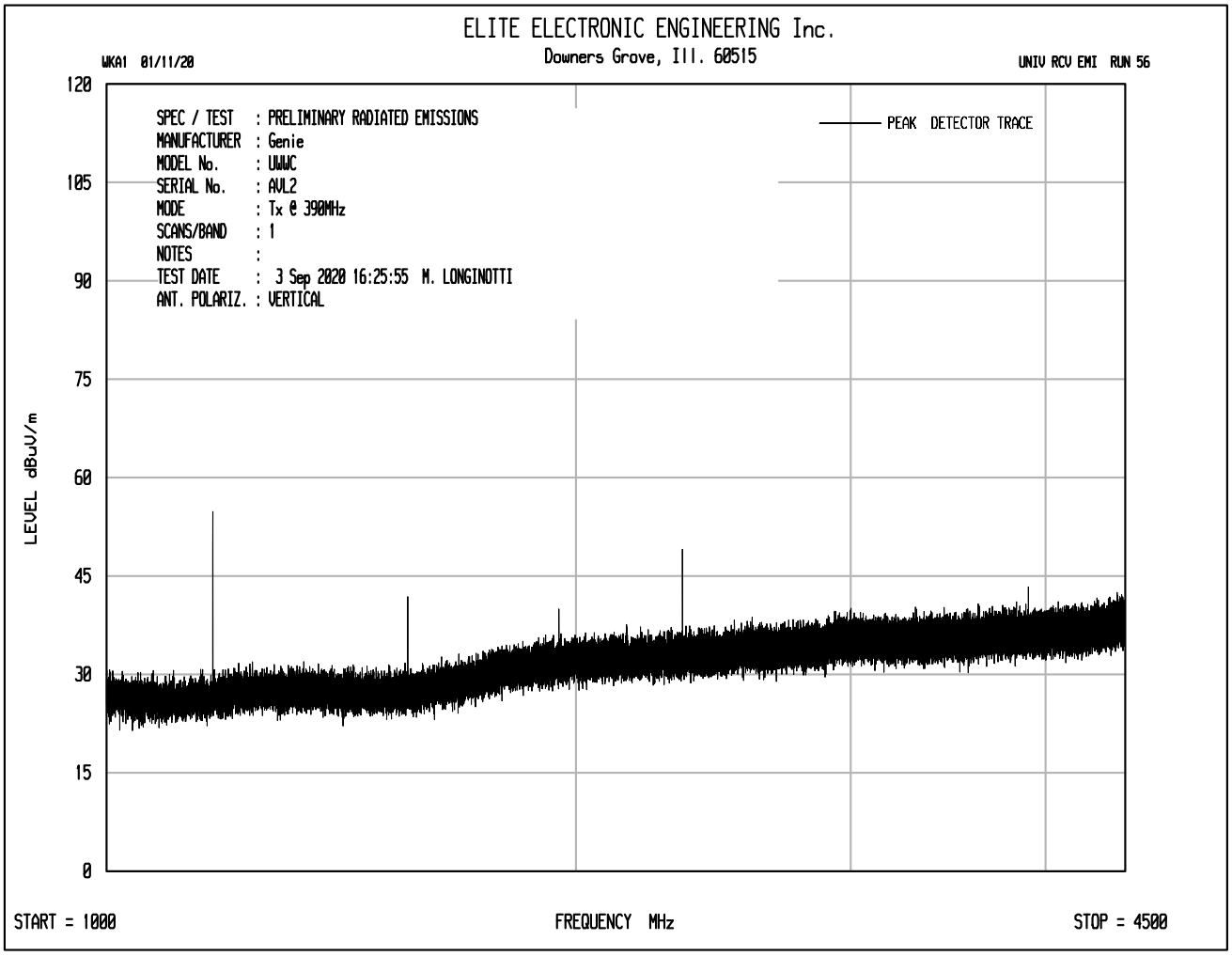
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Genie IC2 Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	54.6		1.0	20.8	0.0	-12.4	64.1	1595.1	9166.7	-15.2
390.000	V	60.8		1.0	20.8	0.0	-12.4	70.3	3256.8	9166.7	-9.0
780.000	H	24.8		1.4	26.0	0.0	-12.4	39.9	98.6	916.7	-19.4
780.000	V	38.3		1.4	26.0	0.0	-12.4	53.4	466.5	916.7	-5.9
1170.000	H	22.6		1.8	29.3	0.0	-12.4	41.3	115.5	500.0	-12.7
1170.000	V	31.0		1.8	29.3	0.0	-12.4	49.7	303.9	500.0	-4.3
1560.000	H	18.5		2.1	29.1	0.0	-12.4	37.3	73.2	500.0	-16.7
1560.000	V	19.7		2.1	29.1	0.0	-12.4	38.5	84.0	500.0	-15.5
1950.000	H	21.6		2.3	32.6	0.0	-12.4	44.1	160.2	916.7	-15.2
1950.000	V	18.8		2.3	32.6	0.0	-12.4	41.3	116.0	916.7	-18.0
2340.000	H	18.3	Ambient	2.6	32.5	0.0	-12.4	41.0	111.9	500.0	-13.0
2340.000	V	21.7		2.6	32.5	0.0	-12.4	44.4	165.6	500.0	-9.6
2730.000	H	18.3	Ambient	2.8	33.3	0.0	-12.4	42.0	125.9	500.0	-12.0
2730.000	V	18.8		2.8	33.3	0.0	-12.4	42.5	133.4	500.0	-11.5
3120.000	H	17.6	Ambient	3.0	33.8	0.0	-12.4	42.0	126.0	916.7	-17.2
3120.000	V	18.2	Ambient	3.0	33.8	0.0	-12.4	42.6	135.0	916.7	-16.6
3510.000	H	17.6	Ambient	3.2	34.0	0.0	-12.4	42.4	132.1	916.7	-16.8
3510.000	V	17.3	Ambient	3.2	34.0	0.0	-12.4	42.1	127.6	916.7	-17.1
3900.000	H	17.8	Ambient	3.4	35.1	0.0	-12.4	43.8	155.7	500.0	-10.1
3900.000	V	18.4	Ambient	3.4	35.1	0.0	-12.4	44.4	166.9	500.0	-9.5


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 30
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 09:20:27 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 29
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 09:17:09 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 55
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 16:23:44 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 56
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 16:25:55 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Chamberlain Green Protocol
Notes	

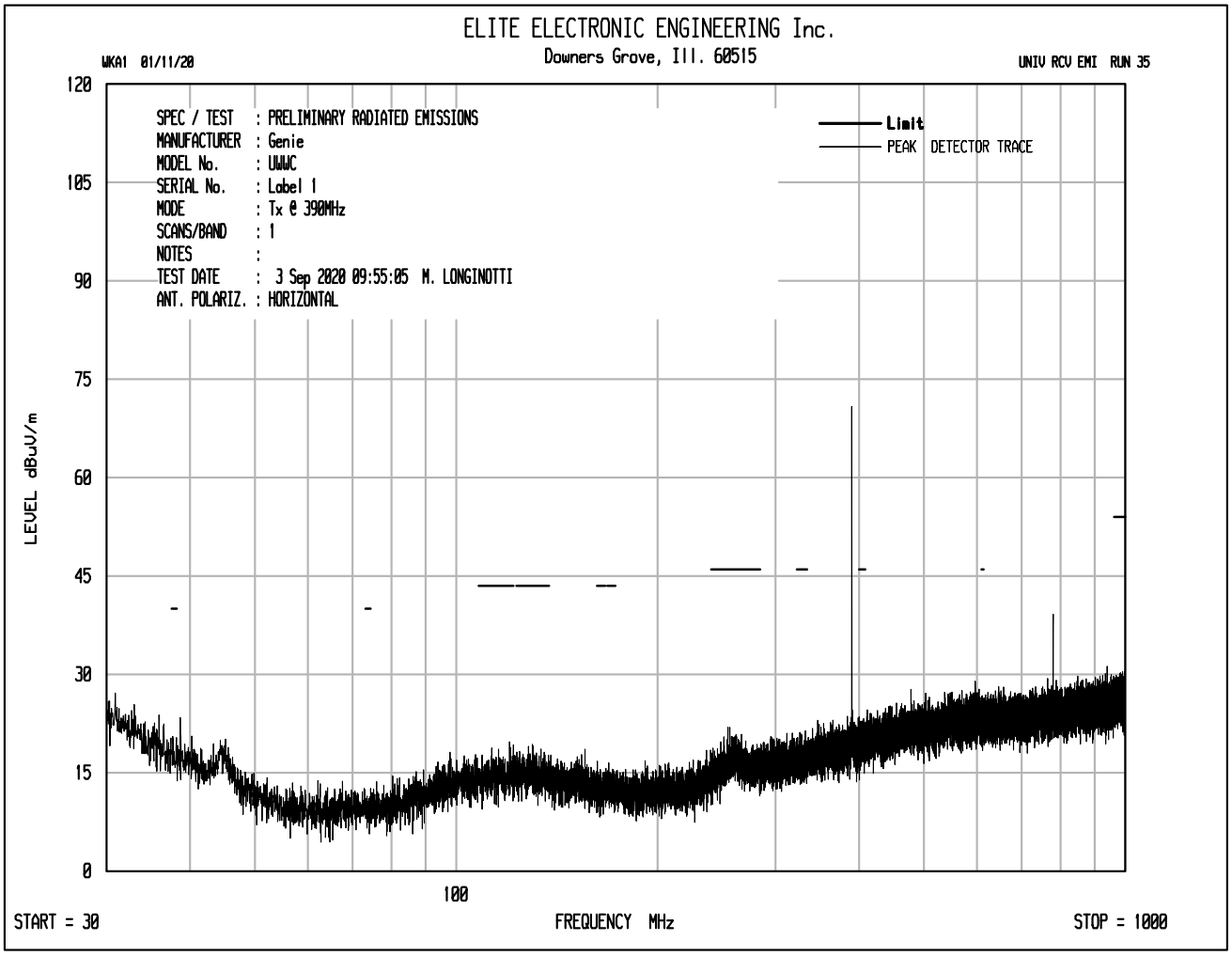
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	54.9		1.0	20.8	0.0	-10.5	66.3	2066.8	9166.7	-12.9
390.000	V	60.8		1.0	20.8	0.0	-10.5	72.2	4076.6	9166.7	-7.0
780.000	H	24.8		1.4	26.0	0.0	-10.5	41.8	123.4	916.7	-17.4
780.000	V	37.2		1.4	26.0	0.0	-10.5	54.2	514.5	916.7	-5.0
1170.000	H	21.0		1.8	29.3	0.0	-10.5	41.6	120.3	500.0	-12.4
1170.000	V	31.6		1.8	29.3	0.0	-10.5	52.2	407.5	500.0	-1.8
2340.000	H	18.4		2.6	32.5	0.0	-10.5	43.0	141.7	500.0	-11.0
2340.000	V	20.6		2.6	32.5	0.0	-10.5	45.2	182.6	500.0	-8.8

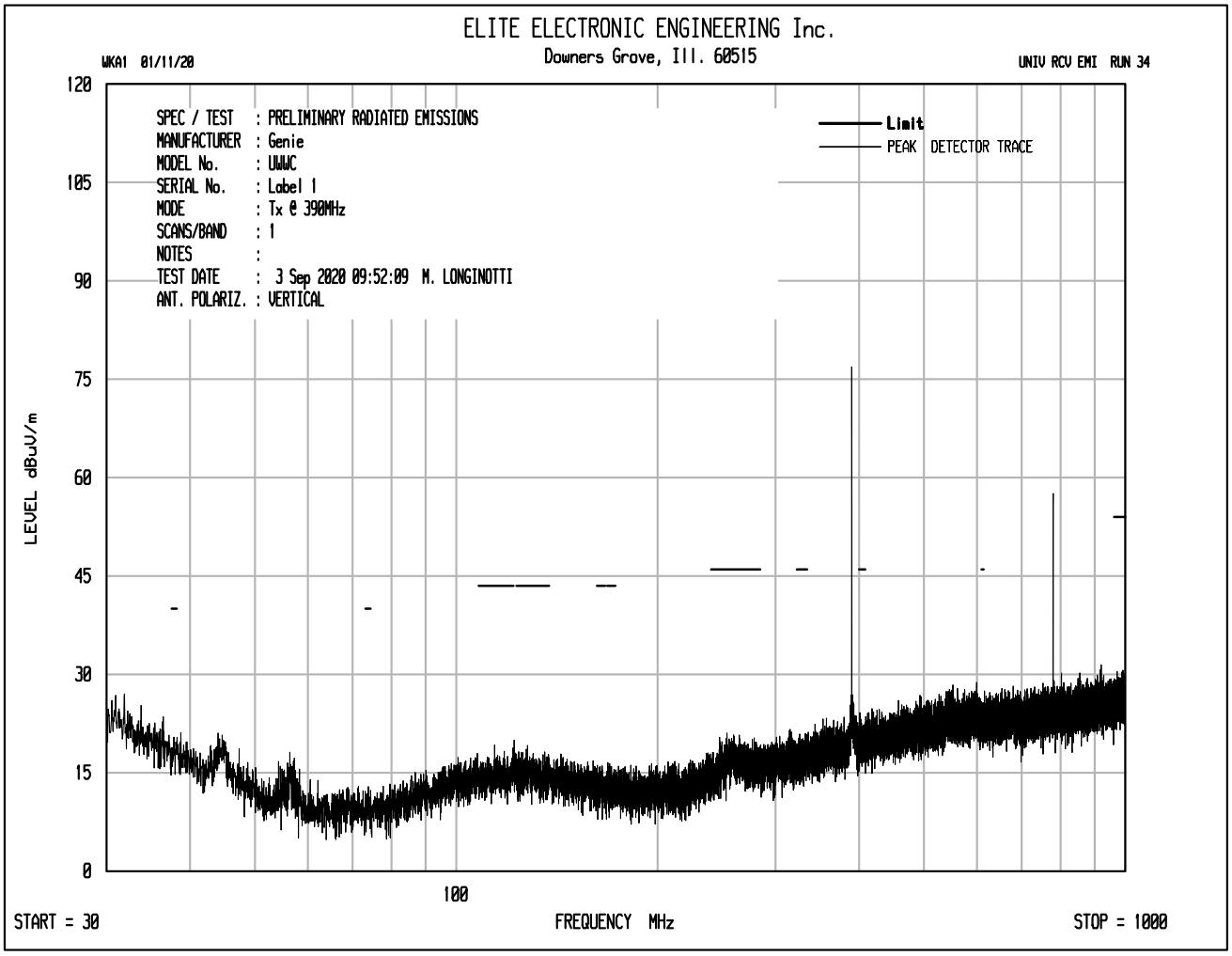
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Genie IC1 Protocol
Notes	

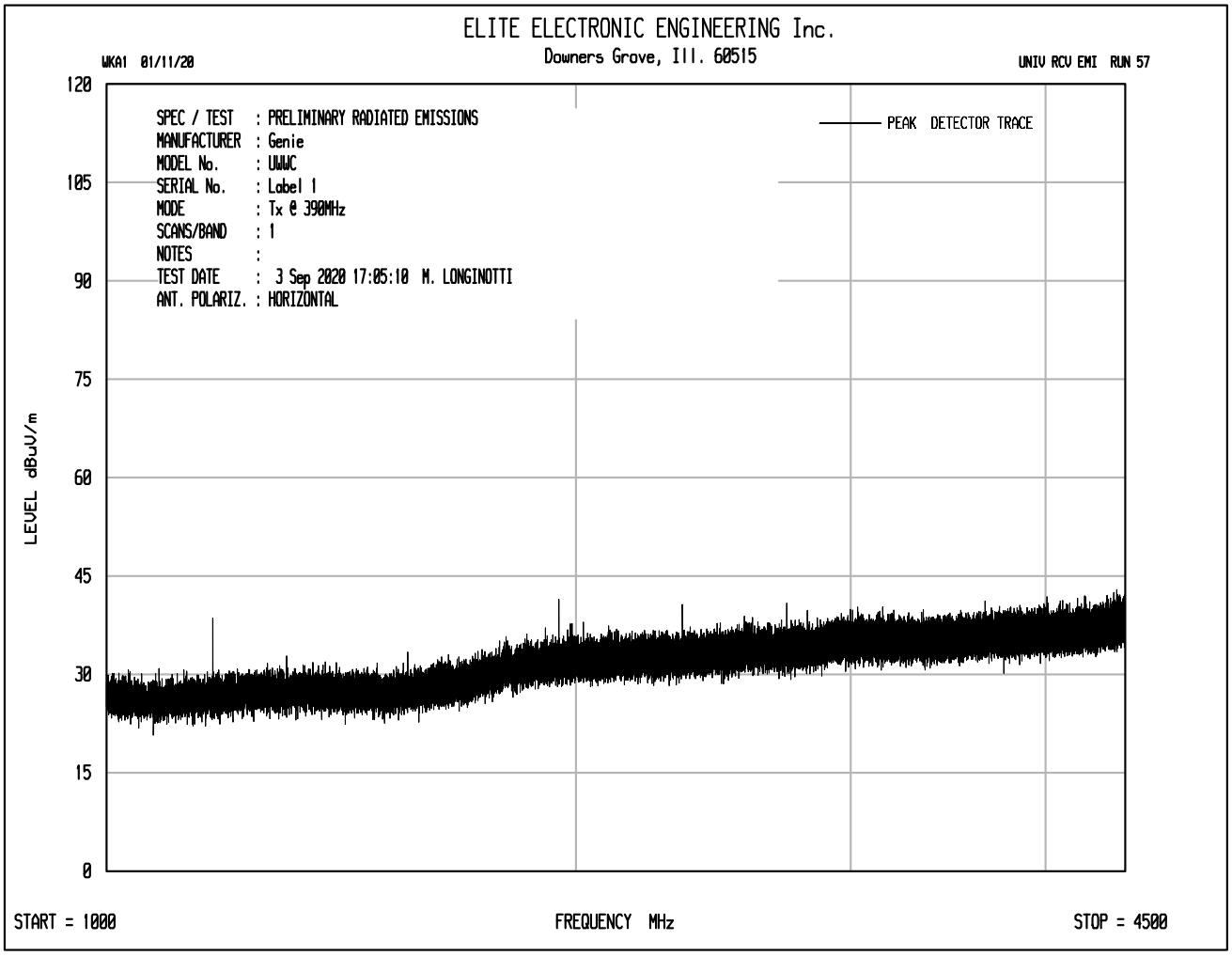
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	54.9		1.0	20.8	0.0	-13.6	63.2	1446.4	9166.7	-16.0
390.000	V	60.8		1.0	20.8	0.0	-13.6	69.1	2852.9	9166.7	-10.1
780.000	H	24.8		1.4	26.0	0.0	-13.6	38.7	86.4	916.7	-20.5
780.000	V	37.2		1.4	26.0	0.0	-13.6	51.1	360.1	916.7	-8.1
1170.000	H	21.0		1.8	29.3	0.0	-13.6	38.5	84.2	500.0	-15.5
2340.000	H	18.4		2.6	32.5	0.0	-13.6	39.9	99.2	500.0	-14.1
2340.000	V	20.6		2.6	32.5	0.0	-13.6	42.1	127.8	500.0	-11.9

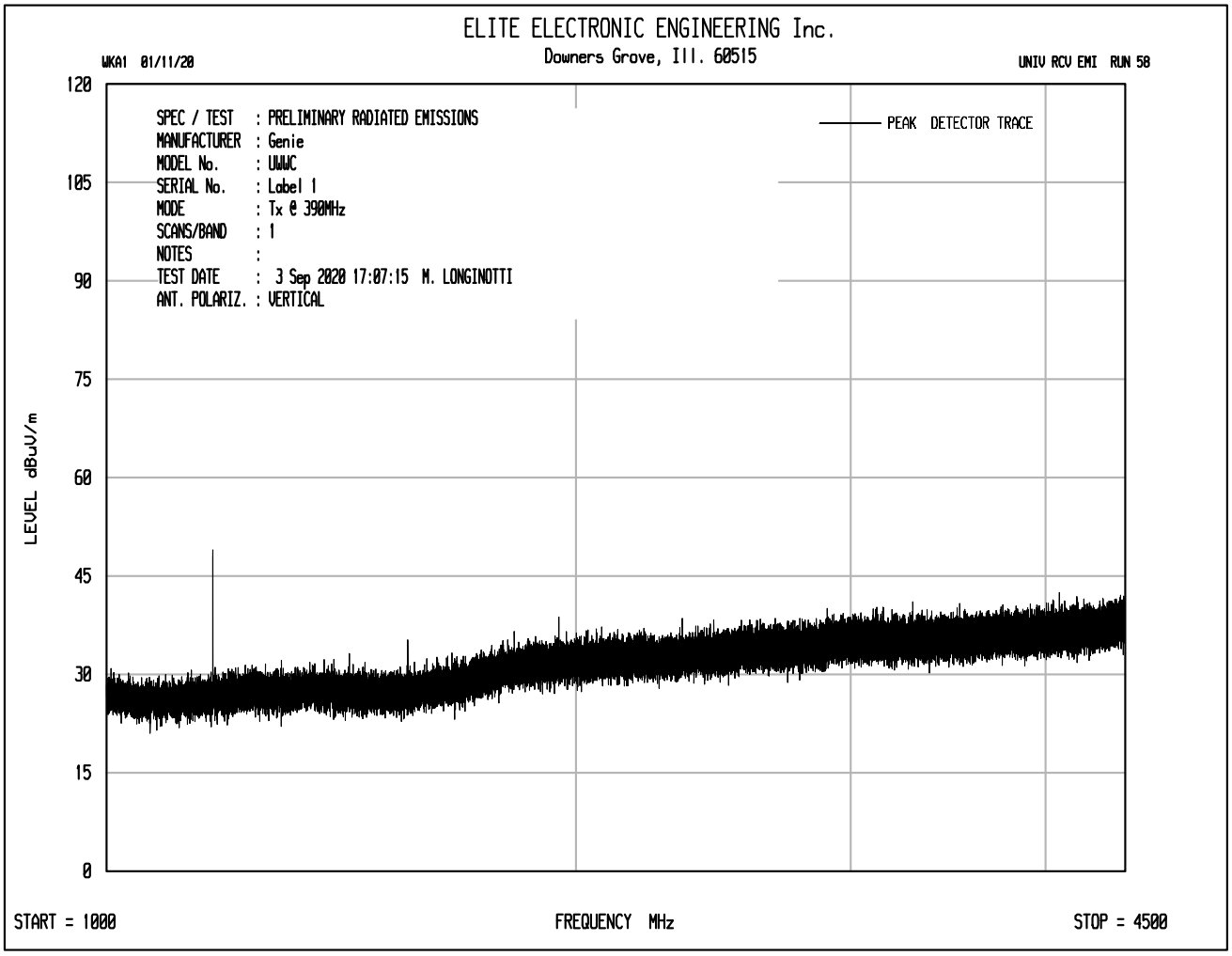
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Genie IC2 Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	54.9		1.0	20.8	0.0	-12.4	64.4	1651.2	9166.7	-14.9
390.000	V	60.8		1.0	20.8	0.0	-12.4	70.3	3256.8	9166.7	-9.0
780.000	H	24.8		1.4	26.0	0.0	-12.4	39.9	98.6	916.7	-19.4
780.000	V	37.2		1.4	26.0	0.0	-12.4	52.3	411.0	916.7	-7.0
1170.000	H	21.0		1.8	29.3	0.0	-12.4	39.7	96.1	500.0	-14.3
1170.000	V	31.6		1.8	29.3	0.0	-12.4	50.3	325.6	500.0	-3.7
2340.000	H	18.4		2.6	32.5	0.0	-12.4	41.1	113.2	500.0	-12.9
2340.000	V	20.6		2.6	32.5	0.0	-12.4	43.3	145.9	500.0	-10.7


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 35
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 09:55:05 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 34
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 09:52:09 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 57
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 17:05:10 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 58
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 17:07:15 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Chamberlain Orange/Red Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	49.5		1.0	20.8	0.0	-8.5	62.9	1389.3	9166.7	-16.4
390.000	V	55.5		1.0	20.8	0.0	-8.5	68.9	2772.0	9166.7	-10.4
780.000	H	17.2		1.4	26.0	0.0	-8.5	36.2	64.4	916.7	-23.1
780.000	V	31.3		1.4	26.0	0.0	-8.5	50.3	326.5	916.7	-9.0
1170.000	H	17.2		1.8	29.3	0.0	-8.5	39.8	97.2	500.0	-14.2
1170.000	V	24.5		1.8	29.3	0.0	-8.5	47.1	225.3	500.0	-6.9
1560.000	H	15.3		2.1	29.1	0.0	-8.5	38.0	79.3	500.0	-16.0
1560.000	V	16.2		2.1	29.1	0.0	-8.5	38.9	88.0	500.0	-15.1
1950.000	H	18.5		2.3	32.6	0.0	-8.5	44.9	175.6	916.7	-14.4
1950.000	V	17.3		2.3	32.6	0.0	-8.5	43.7	153.0	916.7	-15.6
2340.000	H	16.5	Ambient	2.6	32.5	0.0	-8.5	43.1	142.5	500.0	-10.9
2340.000	V	18.0		2.6	32.5	0.0	-8.5	44.6	169.4	500.0	-9.4
2730.000	H	17.2	Ambient	2.8	33.3	0.0	-8.5	44.8	173.8	500.0	-9.2
2730.000	V	17.7	Ambient	2.8	33.3	0.0	-8.5	45.3	184.1	500.0	-8.7
3120.000	H	17.7	Ambient	3.0	33.8	0.0	-8.5	46.0	199.7	916.7	-13.2
3120.000	V	17.6	Ambient	3.0	33.8	0.0	-8.5	45.9	197.5	916.7	-13.3
3510.000	H	17.4	Ambient	3.2	34.0	0.0	-8.5	46.1	202.2	916.7	-13.1
3510.000	V	17.0	Ambient	3.2	34.0	0.0	-8.5	45.7	193.1	916.7	-13.5
3900.000	H	17.9	Ambient	3.4	35.1	0.0	-8.5	47.8	246.8	500.0	-6.1
3900.000	V	17.3	Ambient	3.4	35.1	0.0	-8.5	47.2	230.4	500.0	-6.7

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Chamberlain Yellow Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	49.5		1.0	20.8	0.0	-6.7	64.7	1719.1	9166.7	-14.5
390.000	V	55.5		1.0	20.8	0.0	-6.7	70.7	3430.0	9166.7	-8.5
780.000	H	17.2		1.4	26.0	0.0	-6.7	38.0	79.7	916.7	-21.2
780.000	V	31.3		1.4	26.0	0.0	-6.7	52.1	404.0	916.7	-7.1
1170.000	H	17.2		1.8	29.3	0.0	-6.7	41.6	120.3	500.0	-12.4
1170.000	V	24.5		1.8	29.3	0.0	-6.7	48.9	278.7	500.0	-5.1
1560.000	H	15.3		2.1	29.1	0.0	-6.7	39.8	98.2	500.0	-14.1
1560.000	V	16.2		2.1	29.1	0.0	-6.7	40.7	108.9	500.0	-13.2
1950.000	H	18.5		2.3	32.6	0.0	-6.7	46.7	217.3	916.7	-12.5
1950.000	V	17.3		2.3	32.6	0.0	-6.7	45.5	189.3	916.7	-13.7
2340.000	H	16.5	Ambient	2.6	32.5	0.0	-6.7	44.9	176.4	500.0	-9.1
2340.000	V	18.0		2.6	32.5	0.0	-6.7	46.4	209.6	500.0	-7.6
2730.000	H	17.2	Ambient	2.8	33.3	0.0	-6.7	46.7	215.0	500.0	-7.3
2730.000	V	17.7	Ambient	2.8	33.3	0.0	-6.7	47.2	227.8	500.0	-6.8
3120.000	H	17.7	Ambient	3.0	33.8	0.0	-6.7	47.9	247.2	916.7	-11.4
3120.000	V	17.6	Ambient	3.0	33.8	0.0	-6.7	47.8	244.3	916.7	-11.5
3510.000	H	17.4	Ambient	3.2	34.0	0.0	-6.7	48.0	250.2	916.7	-11.3
3510.000	V	17.0	Ambient	3.2	34.0	0.0	-6.7	47.6	238.9	916.7	-11.7
3900.000	H	17.9	Ambient	3.4	35.1	0.0	-6.7	49.7	305.4	500.0	-4.3
3900.000	V	17.3	Ambient	3.4	35.1	0.0	-6.7	49.1	285.0	500.0	-4.9

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Chamberlain Legacy Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	49.5		1.0	20.8	0.0	-8.9	62.5	1326.8	9166.7	-16.8
390.000	V	55.5		1.0	20.8	0.0	-8.9	68.5	2647.2	9166.7	-10.8
780.000	H	17.2		1.4	26.0	0.0	-8.9	35.8	61.5	916.7	-23.5
780.000	V	31.3		1.4	26.0	0.0	-8.9	49.9	311.8	916.7	-9.4
1170.000	H	17.2		1.8	29.3	0.0	-8.9	39.4	92.8	500.0	-14.6
1170.000	V	24.5		1.8	29.3	0.0	-8.9	46.7	215.1	500.0	-7.3
1560.000	H	15.3		2.1	29.1	0.0	-8.9	37.6	75.8	500.0	-16.4
1560.000	V	16.2		2.1	29.1	0.0	-8.9	38.5	84.0	500.0	-15.5
1950.000	H	18.5		2.3	32.6	0.0	-8.9	44.5	167.7	916.7	-14.8
1950.000	V	17.3		2.3	32.6	0.0	-8.9	43.3	146.1	916.7	-16.0
2340.000	H	16.5	Ambient	2.6	32.5	0.0	-8.9	42.7	136.1	500.0	-11.3
2340.000	V	18.0		2.6	32.5	0.0	-8.9	44.2	161.8	500.0	-9.8
2730.000	H	17.2	Ambient	2.8	33.3	0.0	-8.9	44.4	166.0	500.0	-9.6
2730.000	V	17.7	Ambient	2.8	33.3	0.0	-8.9	44.9	175.8	500.0	-9.1
3120.000	H	17.7	Ambient	3.0	33.8	0.0	-8.9	45.6	190.8	916.7	-13.6
3120.000	V	17.6	Ambient	3.0	33.8	0.0	-8.9	45.5	188.6	916.7	-13.7
3510.000	H	17.4	Ambient	3.2	34.0	0.0	-8.9	45.7	193.1	916.7	-13.5
3510.000	V	17.0	Ambient	3.2	34.0	0.0	-8.9	45.3	184.4	916.7	-13.9
3900.000	H	17.9	Ambient	3.4	35.1	0.0	-8.9	47.4	235.7	500.0	-6.5
3900.000	V	17.3	Ambient	3.4	35.1	0.0	-8.9	46.8	220.0	500.0	-7.1

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Genie 9 DIP switch Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	49.5		1.0	20.8	0.0	-6.0	65.4	1852.6	9166.7	-13.9
390.000	V	55.5		1.0	20.8	0.0	-6.0	71.4	3696.5	9166.7	-7.9
780.000	H	17.2		1.4	26.0	0.0	-6.0	38.7	85.9	916.7	-20.6
780.000	V	31.3		1.4	26.0	0.0	-6.0	52.8	435.4	916.7	-6.5
1170.000	H	17.2		1.8	29.3	0.0	-6.0	42.3	129.6	500.0	-11.7
1170.000	V	24.5		1.8	29.3	0.0	-6.0	49.6	300.4	500.0	-4.4
1560.000	H	15.3		2.1	29.1	0.0	-6.0	40.5	105.8	500.0	-13.5
1560.000	V	16.2		2.1	29.1	0.0	-6.0	41.4	117.3	500.0	-12.6
1950.000	H	18.5		2.3	32.6	0.0	-6.0	47.4	234.2	916.7	-11.9
1950.000	V	17.3		2.3	32.6	0.0	-6.0	46.2	204.0	916.7	-13.1
2340.000	H	16.5	Ambient	2.6	32.5	0.0	-6.0	45.6	190.1	500.0	-8.4
2340.000	V	18.0		2.6	32.5	0.0	-6.0	47.1	225.9	500.0	-6.9
2730.000	H	17.2	Ambient	2.8	33.3	0.0	-6.0	47.3	231.7	500.0	-6.7
2730.000	V	17.7	Ambient	2.8	33.3	0.0	-6.0	47.8	245.5	500.0	-6.2
3120.000	H	17.7	Ambient	3.0	33.8	0.0	-6.0	48.5	266.4	916.7	-10.7
3120.000	V	17.6	Ambient	3.0	33.8	0.0	-6.0	48.4	263.3	916.7	-10.8
3510.000	H	17.4	Ambient	3.2	34.0	0.0	-6.0	48.6	269.6	916.7	-10.6
3510.000	V	17.0	Ambient	3.2	34.0	0.0	-6.0	48.2	257.5	916.7	-11.0
3900.000	H	17.9	Ambient	3.4	35.1	0.0	-6.0	50.3	329.2	500.0	-3.6
3900.000	V	17.3	Ambient	3.4	35.1	0.0	-6.0	49.7	307.2	500.0	-4.2

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Genie 12 DIP switch Protocol
Notes	

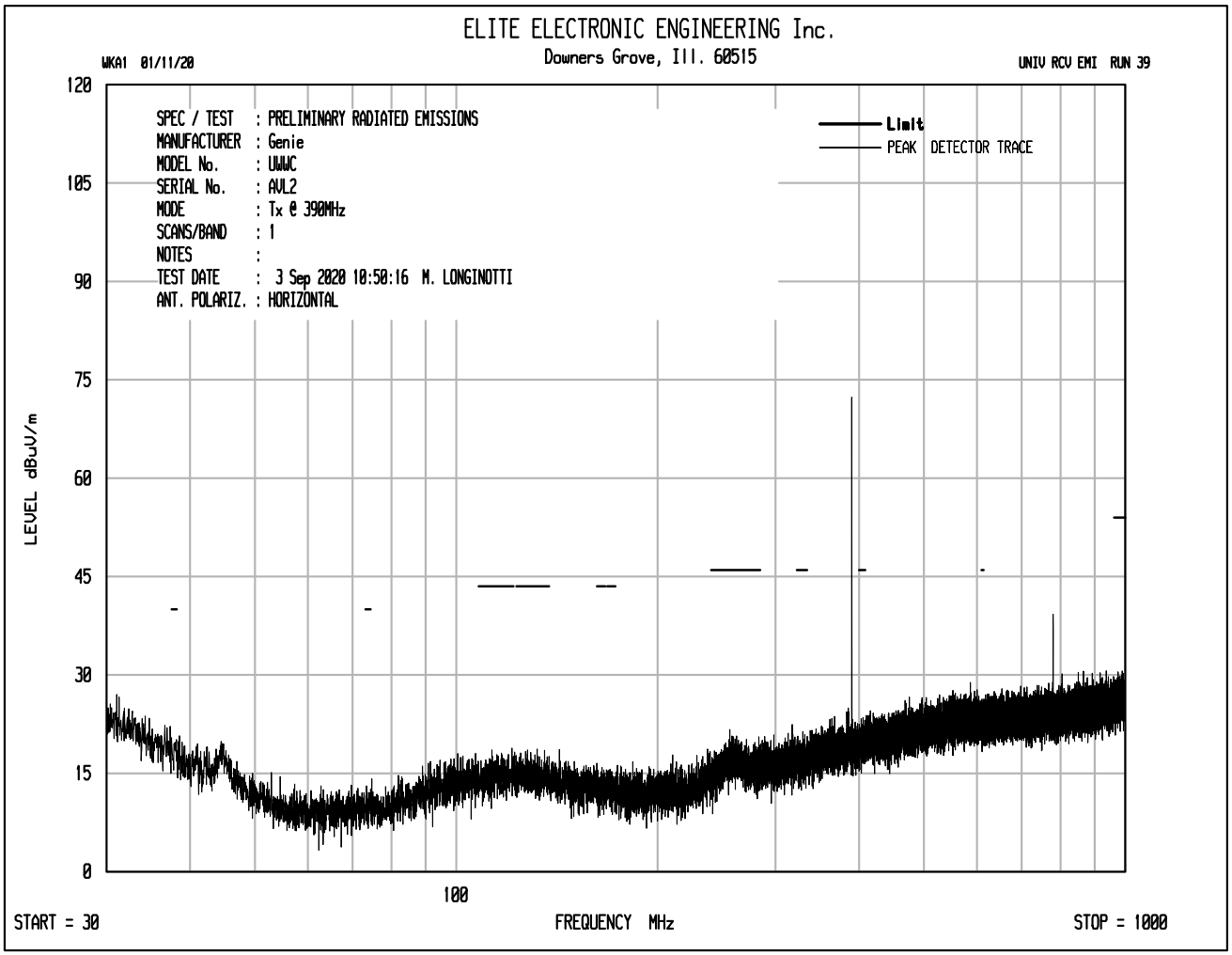
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	49.5		1.0	20.8	0.0	-6.0	65.4	1852.6	9166.7	-13.9
390.000	V	55.5		1.0	20.8	0.0	-6.0	71.4	3696.5	9166.7	-7.9
780.000	H	17.2		1.4	26.0	0.0	-6.0	38.7	85.9	916.7	-20.6
780.000	V	31.3		1.4	26.0	0.0	-6.0	52.8	435.4	916.7	-6.5
1170.000	H	17.2		1.8	29.3	0.0	-6.0	42.3	129.6	500.0	-11.7
1170.000	V	24.5		1.8	29.3	0.0	-6.0	49.6	300.4	500.0	-4.4
1560.000	H	15.3		2.1	29.1	0.0	-6.0	40.5	105.8	500.0	-13.5
1560.000	V	16.2		2.1	29.1	0.0	-6.0	41.4	117.3	500.0	-12.6
1950.000	H	18.5		2.3	32.6	0.0	-6.0	47.4	234.2	916.7	-11.9
1950.000	V	17.3		2.3	32.6	0.0	-6.0	46.2	204.0	916.7	-13.1
2340.000	H	16.5	Ambient	2.6	32.5	0.0	-6.0	45.6	190.1	500.0	-8.4
2340.000	V	18.0		2.6	32.5	0.0	-6.0	47.1	225.9	500.0	-6.9
2730.000	H	17.2	Ambient	2.8	33.3	0.0	-6.0	47.3	231.7	500.0	-6.7
2730.000	V	17.7	Ambient	2.8	33.3	0.0	-6.0	47.8	245.5	500.0	-6.2
3120.000	H	17.7	Ambient	3.0	33.8	0.0	-6.0	48.5	266.4	916.7	-10.7
3120.000	V	17.6	Ambient	3.0	33.8	0.0	-6.0	48.4	263.3	916.7	-10.8
3510.000	H	17.4	Ambient	3.2	34.0	0.0	-6.0	48.6	269.6	916.7	-10.6
3510.000	V	17.0	Ambient	3.2	34.0	0.0	-6.0	48.2	257.5	916.7	-11.0
3900.000	H	17.9	Ambient	3.4	35.1	0.0	-6.0	50.3	329.2	500.0	-3.6
3900.000	V	17.3	Ambient	3.4	35.1	0.0	-6.0	49.7	307.2	500.0	-4.2

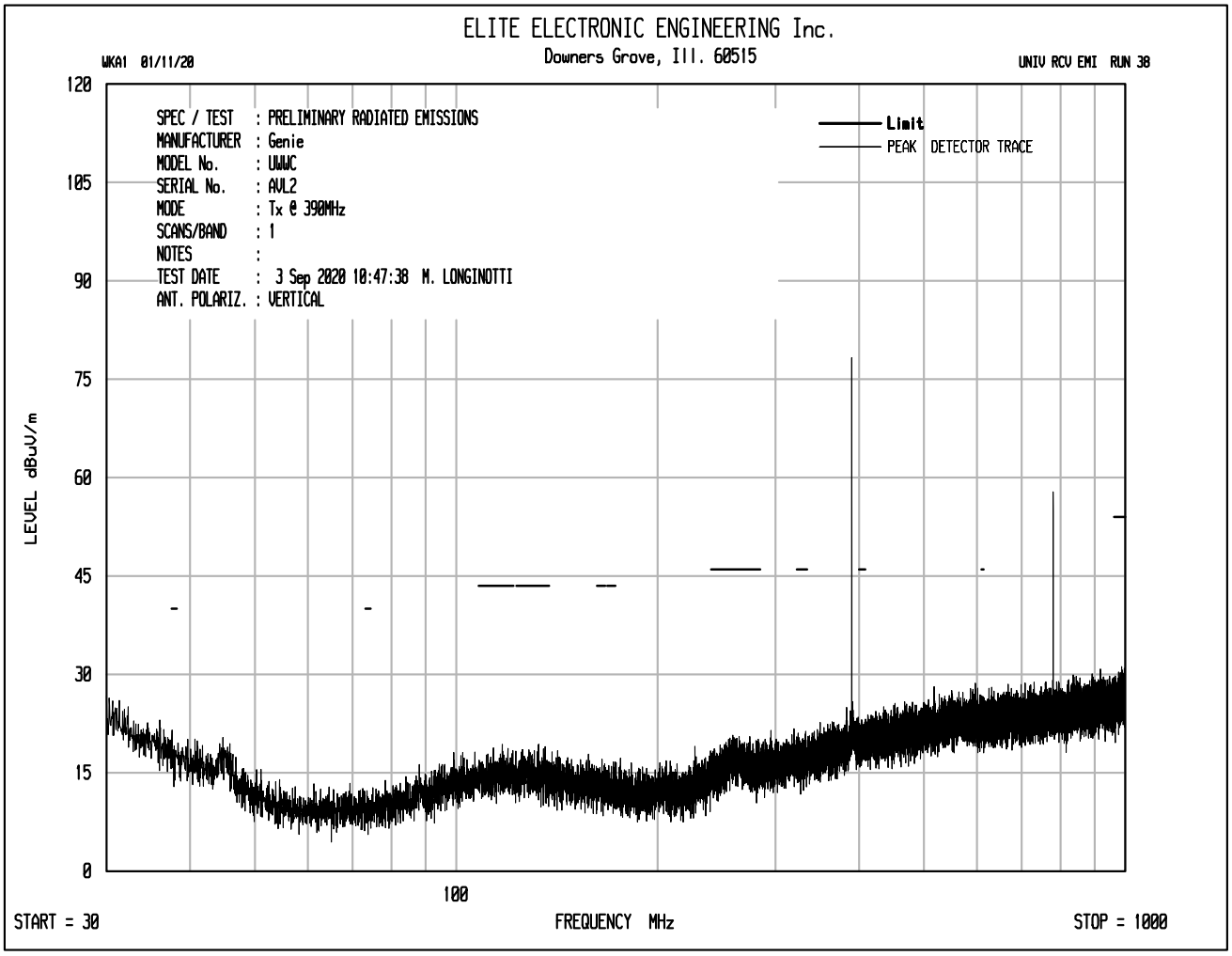
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Overhead Door Protocol
Notes	

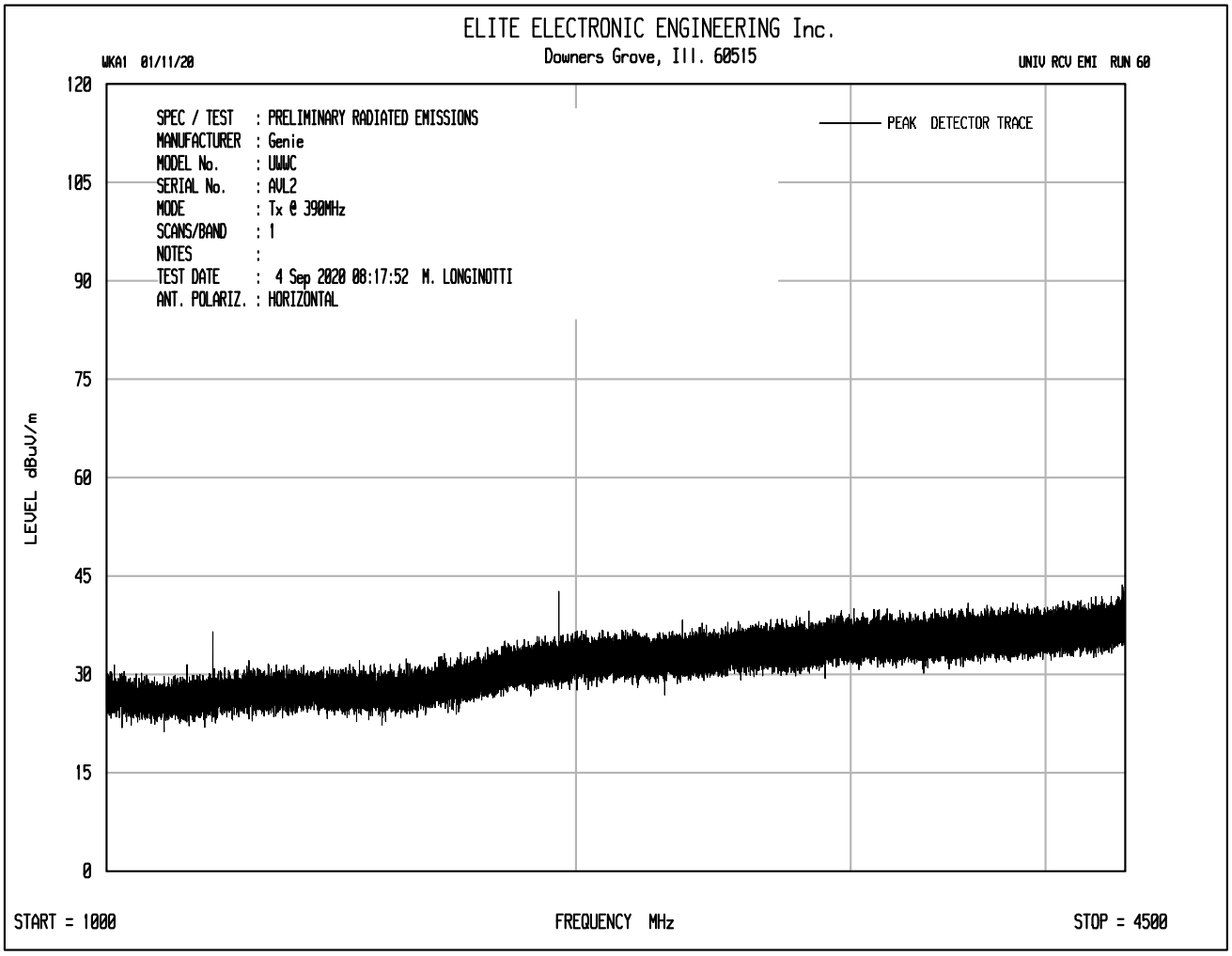
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	49.5		1.0	20.8	0.0	-6.6	64.8	1737.0	9166.7	-14.4
390.000	V	55.5		1.0	20.8	0.0	-6.6	70.8	3465.7	9166.7	-8.4
780.000	H	17.2		1.4	26.0	0.0	-6.6	38.1	80.5	916.7	-21.1
780.000	V	31.3		1.4	26.0	0.0	-6.6	52.2	408.2	916.7	-7.0
1170.000	H	17.2		1.8	29.3	0.0	-6.6	41.7	121.5	500.0	-12.3
1170.000	V	24.5		1.8	29.3	0.0	-6.6	49.0	281.6	500.0	-5.0
1560.000	H	15.3		2.1	29.1	0.0	-6.6	39.9	99.2	500.0	-14.1
1560.000	V	16.2		2.1	29.1	0.0	-6.6	40.8	110.0	500.0	-13.2
1950.000	H	18.5		2.3	32.6	0.0	-6.6	46.8	219.6	916.7	-12.4
1950.000	V	17.3		2.3	32.6	0.0	-6.6	45.6	191.2	916.7	-13.6
2340.000	H	16.5	Ambient	2.6	32.5	0.0	-6.6	45.0	178.2	500.0	-9.0
2340.000	V	18.0		2.6	32.5	0.0	-6.6	46.5	211.8	500.0	-7.5
2730.000	H	17.2	Ambient	2.8	33.3	0.0	-6.6	46.7	217.3	500.0	-7.2
2730.000	V	17.7	Ambient	2.8	33.3	0.0	-6.6	47.2	230.2	500.0	-6.7
3120.000	H	17.7	Ambient	3.0	33.8	0.0	-6.6	47.9	249.7	916.7	-11.3
3120.000	V	17.6	Ambient	3.0	33.8	0.0	-6.6	47.8	246.9	916.7	-11.4
3510.000	H	17.4	Ambient	3.2	34.0	0.0	-6.6	48.1	252.8	916.7	-11.2
3510.000	V	17.0	Ambient	3.2	34.0	0.0	-6.6	47.7	241.4	916.7	-11.6
3900.000	H	17.9	Ambient	3.4	35.1	0.0	-6.6	49.8	308.6	500.0	-4.2
3900.000	V	17.3	Ambient	3.4	35.1	0.0	-6.6	49.2	288.0	500.0	-4.8

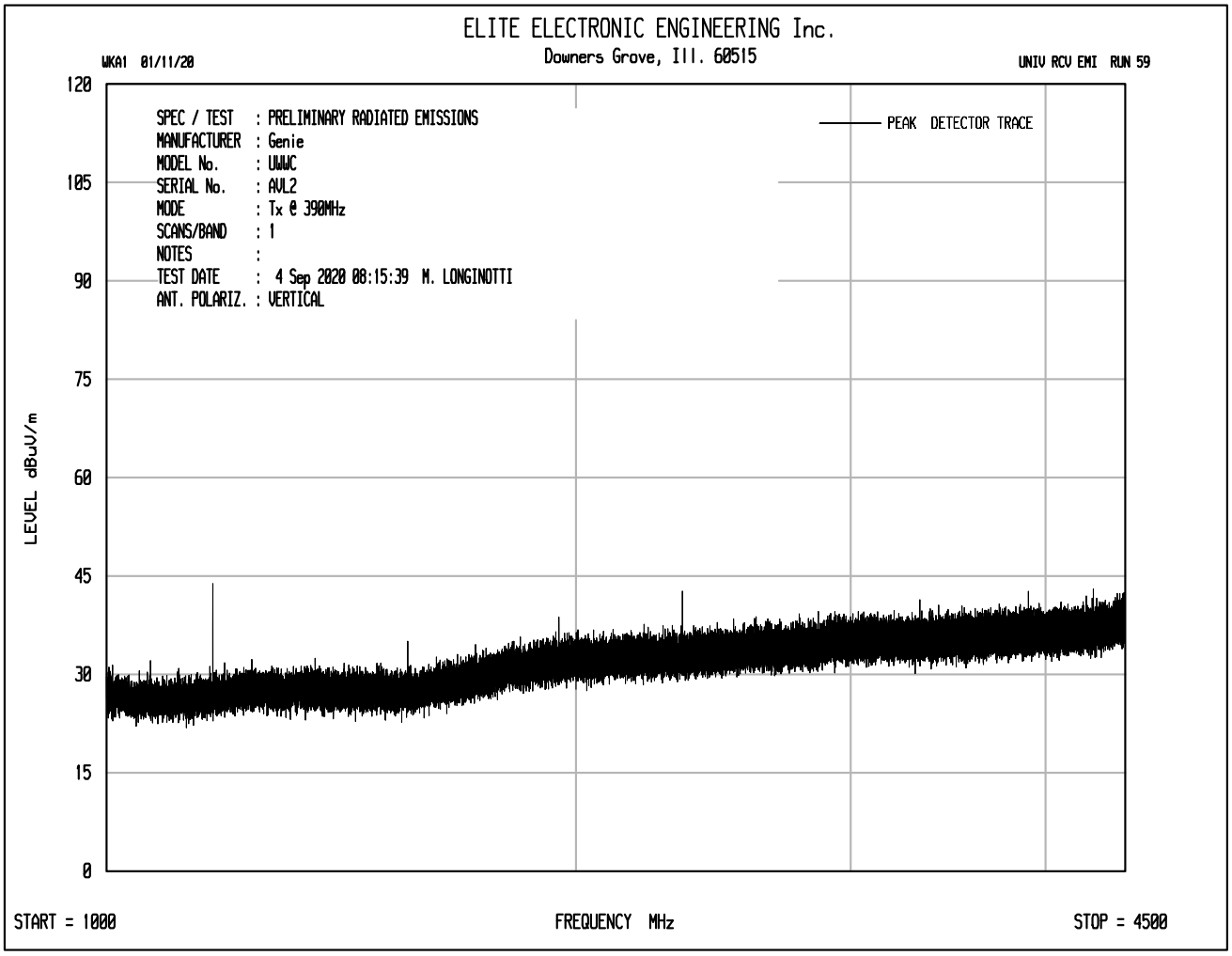
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 390MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	49.5		1.0	20.8	0.0	-3.0	68.4	2616.9	9166.7	-10.9
390.000	V	55.5		1.0	20.8	0.0	-3.0	74.4	5221.5	9166.7	-4.9
780.000	H	17.2		1.4	26.0	0.0	-3.0	41.7	121.3	916.7	-17.6
780.000	V	31.3		1.4	26.0	0.0	-3.0	55.8	615.0	916.7	-3.5
1170.000	H	17.2		1.8	29.3	0.0	-3.0	45.3	183.1	500.0	-8.7
1170.000	V	24.5		1.8	29.3	0.0	-3.0	52.6	424.3	500.0	-1.4
1560.000	H	15.3		2.1	29.1	0.0	-3.0	43.5	149.4	500.0	-10.5
1560.000	V	16.2		2.1	29.1	0.0	-3.0	44.4	165.8	500.0	-9.6
1950.000	H	18.5		2.3	32.6	0.0	-3.0	50.4	330.8	916.7	-8.9
1950.000	V	17.3		2.3	32.6	0.0	-3.0	49.2	288.1	916.7	-10.1
2340.000	H	16.5	Ambient	2.6	32.5	0.0	-3.0	48.6	268.5	500.0	-5.4
2340.000	V	18.0		2.6	32.5	0.0	-3.0	50.1	319.1	500.0	-3.9
2730.000	H	17.2	Ambient	2.8	33.3	0.0	-3.0	50.3	327.4	500.0	-3.7
2730.000	V	17.7	Ambient	2.8	33.3	0.0	-3.0	50.8	346.7	500.0	-3.2
3120.000	H	17.7	Ambient	3.0	33.8	0.0	-3.0	51.5	376.3	916.7	-7.7
3120.000	V	17.6	Ambient	3.0	33.8	0.0	-3.0	51.4	371.9	916.7	-7.8
3510.000	H	17.4	Ambient	3.2	34.0	0.0	-3.0	51.6	380.8	916.7	-7.6
3510.000	V	17.0	Ambient	3.2	34.0	0.0	-3.0	51.2	363.7	916.7	-8.0
3900.000	H	17.9	Ambient	3.4	35.1	0.0	-3.0	53.3	465.0	500.0	-0.6
3900.000	V	17.3	Ambient	3.4	35.1	0.0	-3.0	52.7	433.9	500.0	-1.2


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 39
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AUL2
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 10:50:16 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 38
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 10:47:38 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 60
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 08:17:52 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 59
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 390MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 08:15:39 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Chamberlain Orange/Red Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	50.6		1.0	20.8	0.0	-8.5	64.0	1576.9	9166.7	-15.3
390.000	V	56.6		1.0	20.8	0.0	-8.5	70.0	3146.3	9166.7	-9.3
780.000	H	16.8		1.4	26.0	0.0	-8.5	35.8	61.5	916.7	-23.5
780.000	V	31.2		1.4	26.0	0.0	-8.5	50.2	322.8	916.7	-9.1
1170.000	H	16.8		1.8	29.3	0.0	-8.5	39.4	92.8	500.0	-14.6
1170.000	V	22.4		1.8	29.3	0.0	-8.5	45.0	176.9	500.0	-9.0
2340.000	H	16.7		2.6	32.5	0.0	-8.5	43.3	145.9	500.0	-10.7
2340.000	V	17.7		2.6	32.5	0.0	-8.5	44.3	163.7	500.0	-9.7

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Chamberlain Yellow Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	50.6		1.0	20.8	0.0	-6.7	65.8	1951.2	9166.7	-13.4
390.000	V	56.6		1.0	20.8	0.0	-6.7	71.8	3893.1	9166.7	-7.4
780.000	H	16.8		1.4	26.0	0.0	-6.7	37.6	76.1	916.7	-21.6
780.000	V	31.2		1.4	26.0	0.0	-6.7	52.0	399.4	916.7	-7.2
1170.000	H	16.8		1.8	29.3	0.0	-6.7	41.2	114.9	500.0	-12.8
1170.000	V	22.4		1.8	29.3	0.0	-6.7	46.8	218.9	500.0	-7.2
2340.000	H	16.7		2.6	32.5	0.0	-6.7	45.1	180.5	500.0	-8.9
2340.000	V	17.7		2.6	32.5	0.0	-6.7	46.1	202.5	500.0	-7.9

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Chamberlain Legacy Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	50.6		1.0	20.8	0.0	-8.9	63.6	1505.9	9166.7	-15.7
390.000	V	56.6		1.0	20.8	0.0	-8.9	69.6	3004.6	9166.7	-9.7
780.000	H	16.8		1.4	26.0	0.0	-8.9	35.4	58.7	916.7	-23.9
780.000	V	31.2		1.4	26.0	0.0	-8.9	49.8	308.2	916.7	-9.5
1170.000	H	16.8		1.8	29.3	0.0	-8.9	39.0	88.6	500.0	-15.0
2340.000	H	16.7		2.6	32.5	0.0	-8.9	42.9	139.3	500.0	-11.1
2340.000	V	17.7		2.6	32.5	0.0	-8.9	43.9	156.3	500.0	-10.1

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Genie 9 DIP switch Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	50.6		1.0	20.8	0.0	-6.0	66.5	2102.8	9166.7	-12.8
390.000	V	56.6		1.0	20.8	0.0	-6.0	72.5	4195.6	9166.7	-6.8
780.000	H	16.8		1.4	26.0	0.0	-6.0	38.3	82.0	916.7	-21.0
780.000	V	31.2		1.4	26.0	0.0	-6.0	52.7	430.4	916.7	-6.6
1170.000	H	16.8		1.8	29.3	0.0	-6.0	41.9	123.8	500.0	-12.1
1170.000	V	22.4		1.8	29.3	0.0	-6.0	47.5	235.9	500.0	-6.5
2340.000	H	16.7		2.6	32.5	0.0	-6.0	45.8	194.5	500.0	-8.2
2340.000	V	17.7		2.6	32.5	0.0	-6.0	46.8	218.3	500.0	-7.2

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Genie 12 DIP switch Protocol
Notes	

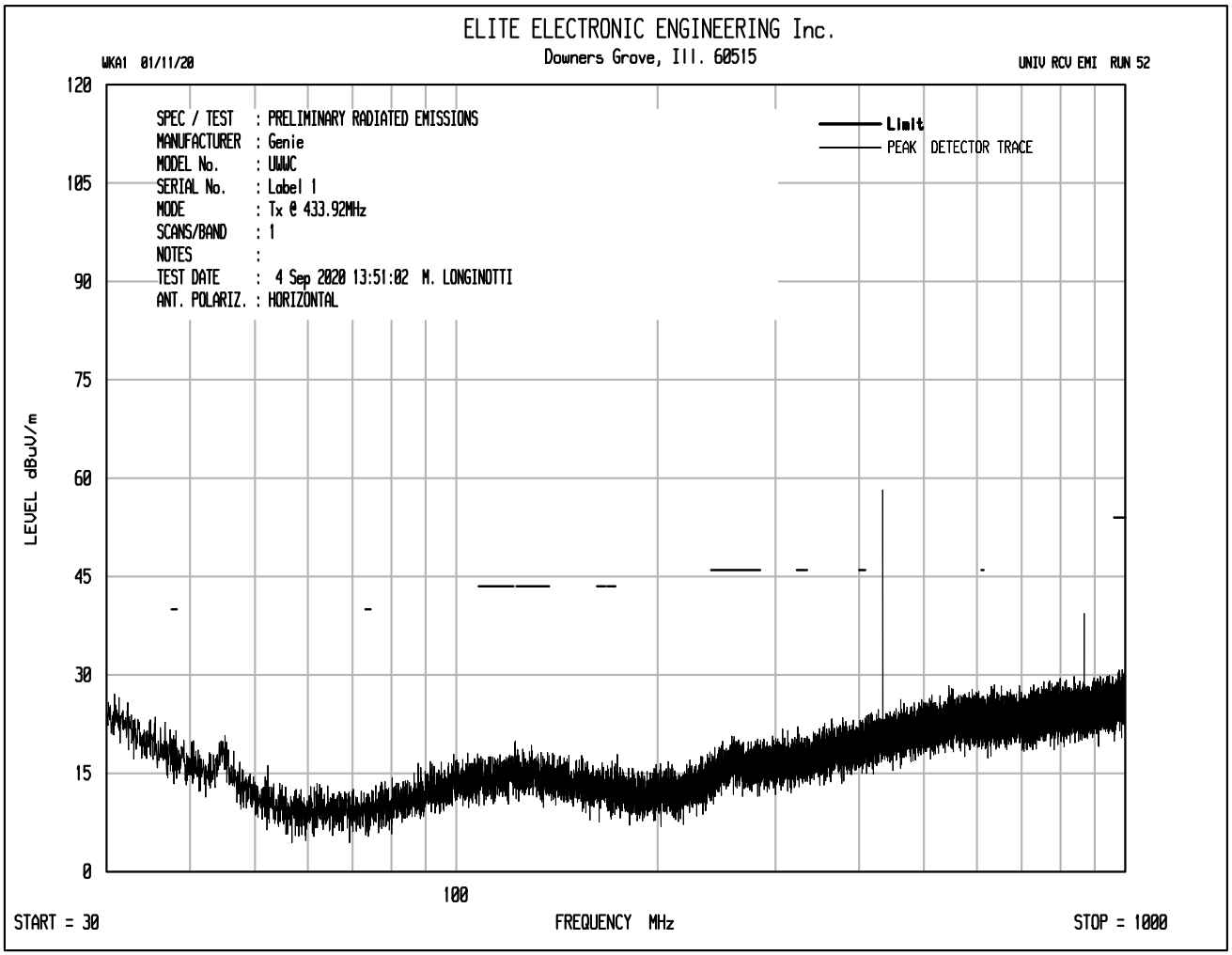
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	50.6		1.0	20.8	0.0	-6.0	66.5	2102.8	9166.7	-12.8
390.000	V	56.6		1.0	20.8	0.0	-6.0	72.5	4195.6	9166.7	-6.8
780.000	H	16.8		1.4	26.0	0.0	-6.0	38.3	82.0	916.7	-21.0
780.000	V	31.2		1.4	26.0	0.0	-6.0	52.7	430.4	916.7	-6.6
1170.000	H	16.8		1.8	29.3	0.0	-6.0	41.9	123.8	500.0	-12.1
1170.000	V	22.4		1.8	29.3	0.0	-6.0	47.5	235.9	500.0	-6.5
2340.000	H	16.7		2.6	32.5	0.0	-6.0	45.8	194.5	500.0	-8.2
2340.000	V	17.7		2.6	32.5	0.0	-6.0	46.8	218.3	500.0	-7.2

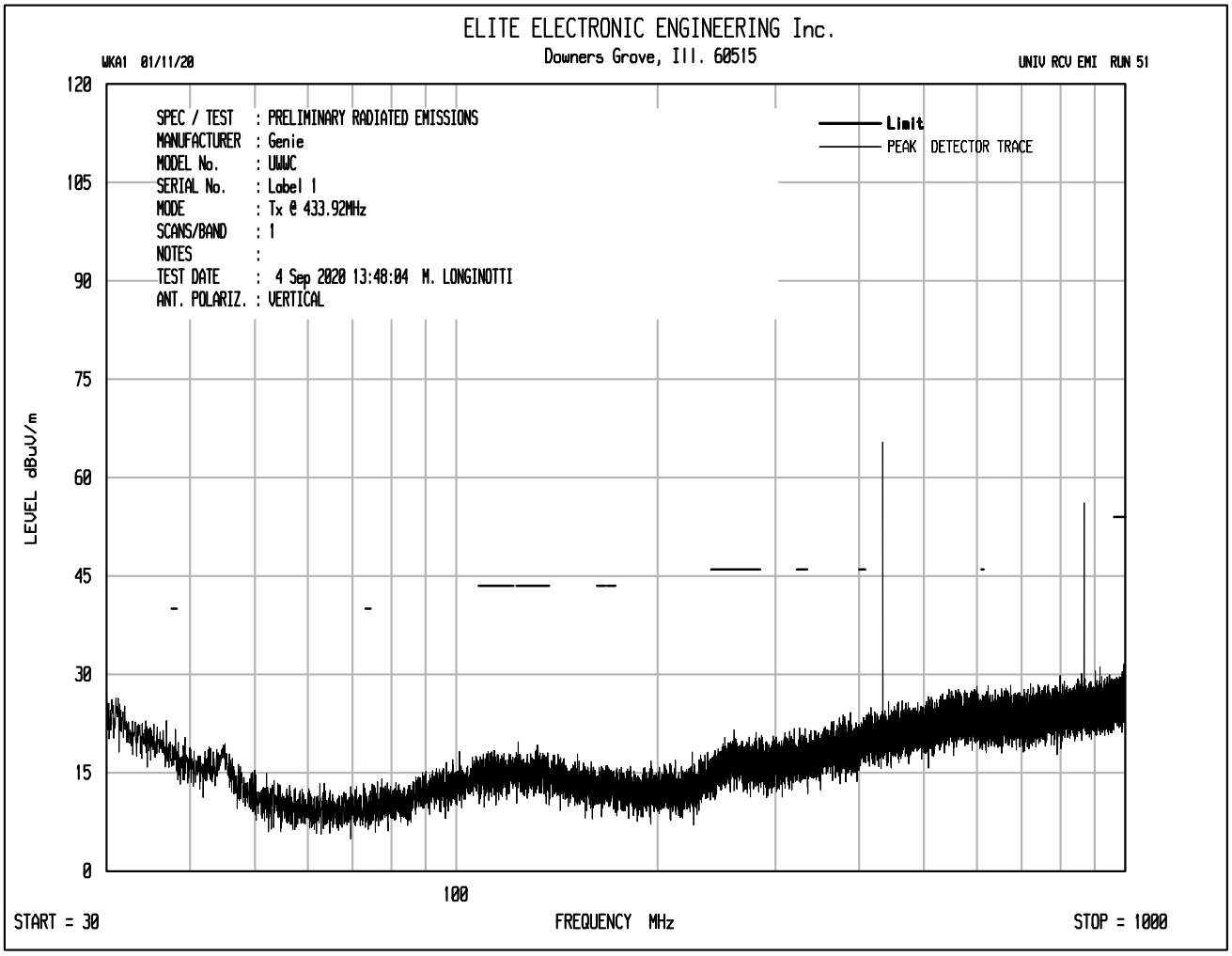
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Overhead Door Protocol
Notes	

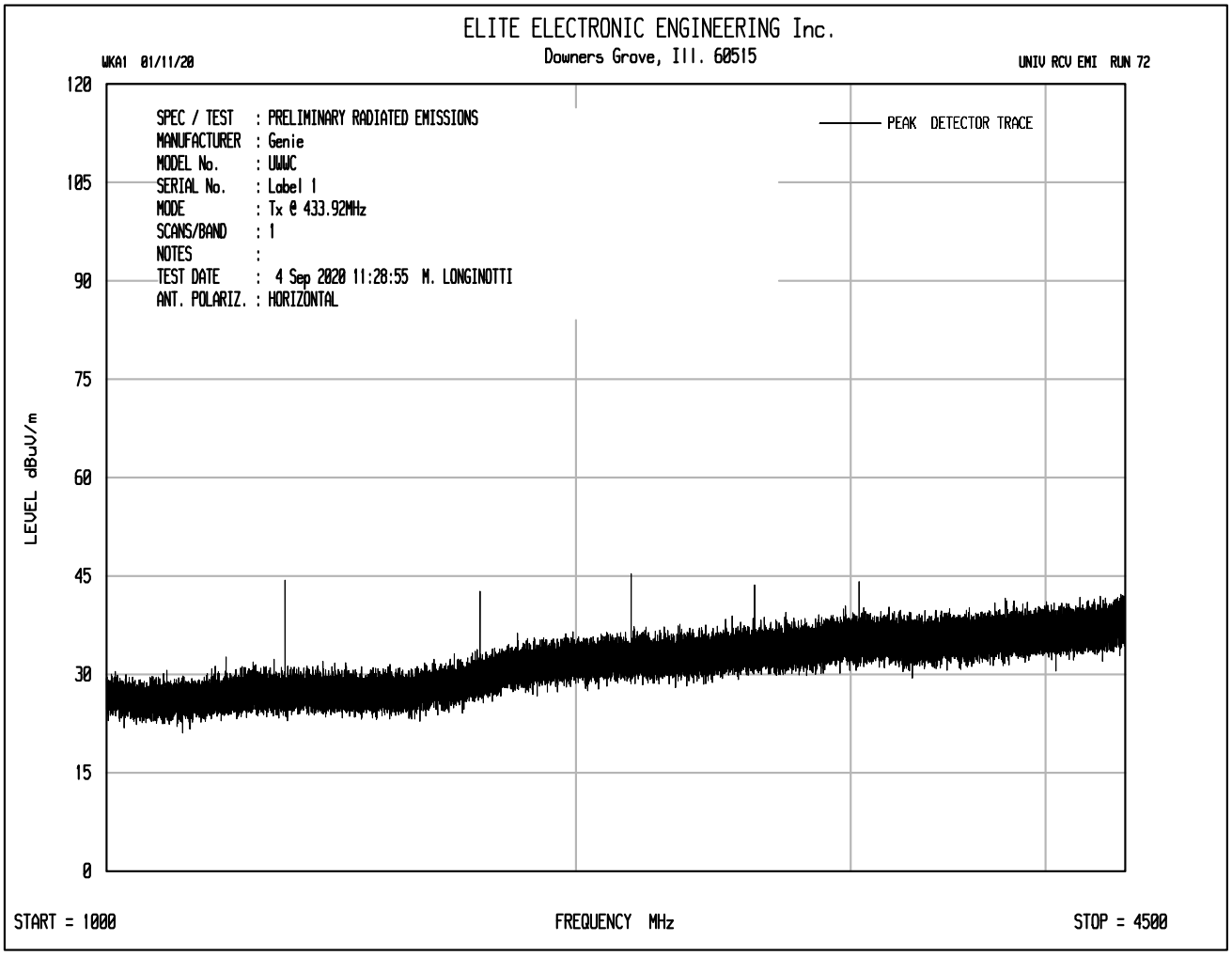
Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	50.6		1.0	20.8	0.0	-6.6	65.9	1971.5	9166.7	-13.3
390.000	V	56.6		1.0	20.8	0.0	-6.6	71.9	3933.6	9166.7	-7.3
780.000	H	16.8		1.4	26.0	0.0	-6.6	37.7	76.9	916.7	-21.5
780.000	V	31.2		1.4	26.0	0.0	-6.6	52.1	403.5	916.7	-7.1
1170.000	H	16.8		1.8	29.3	0.0	-6.6	41.3	116.1	500.0	-12.7
1170.000	V	22.4		1.8	29.3	0.0	-6.6	46.9	221.1	500.0	-7.1
2340.000	H	16.7		2.6	32.5	0.0	-6.6	45.2	182.4	500.0	-8.8
2340.000	V	17.7		2.6	32.5	0.0	-6.6	46.2	204.6	500.0	-7.8

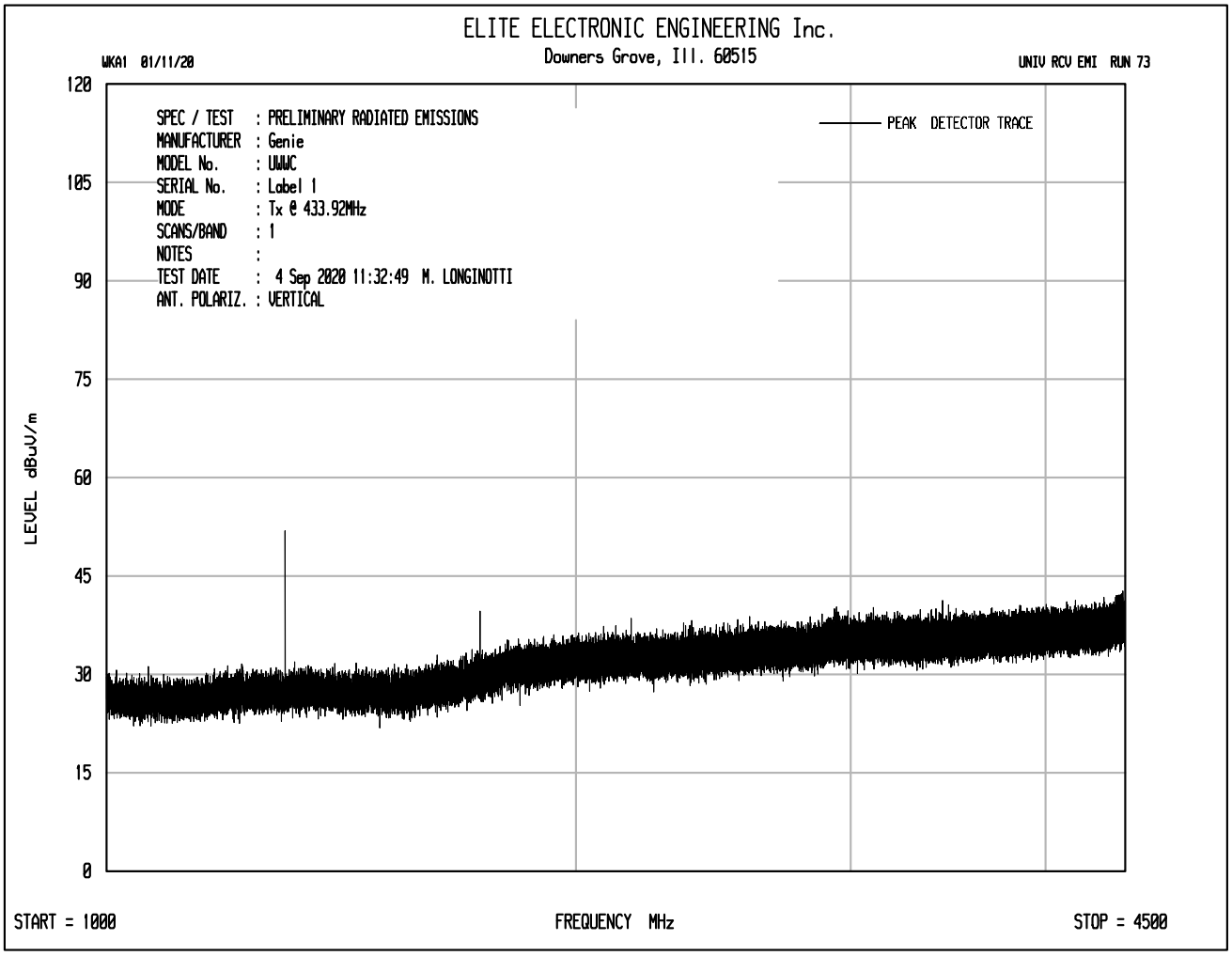
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 390MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
390.000	H	50.6		1.0	20.8	0.0	-3.0	69.5	2970.3	9166.7	-9.8
390.000	V	56.6		1.0	20.8	0.0	-3.0	75.5	5926.4	9166.7	-3.8
780.000	H	16.8		1.4	26.0	0.0	-3.0	41.3	115.8	916.7	-18.0
780.000	V	31.2		1.4	26.0	0.0	-3.0	55.7	608.0	916.7	-3.6
1170.000	H	16.8		1.8	29.3	0.0	-3.0	44.9	174.9	500.0	-9.1
1170.000	V	22.4		1.8	29.3	0.0	-3.0	50.5	333.2	500.0	-3.5
2340.000	H	16.7		2.6	32.5	0.0	-3.0	48.8	274.8	500.0	-5.2
2340.000	V	17.7		2.6	32.5	0.0	-3.0	49.8	308.3	500.0	-4.2


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 52
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 13:51:02 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

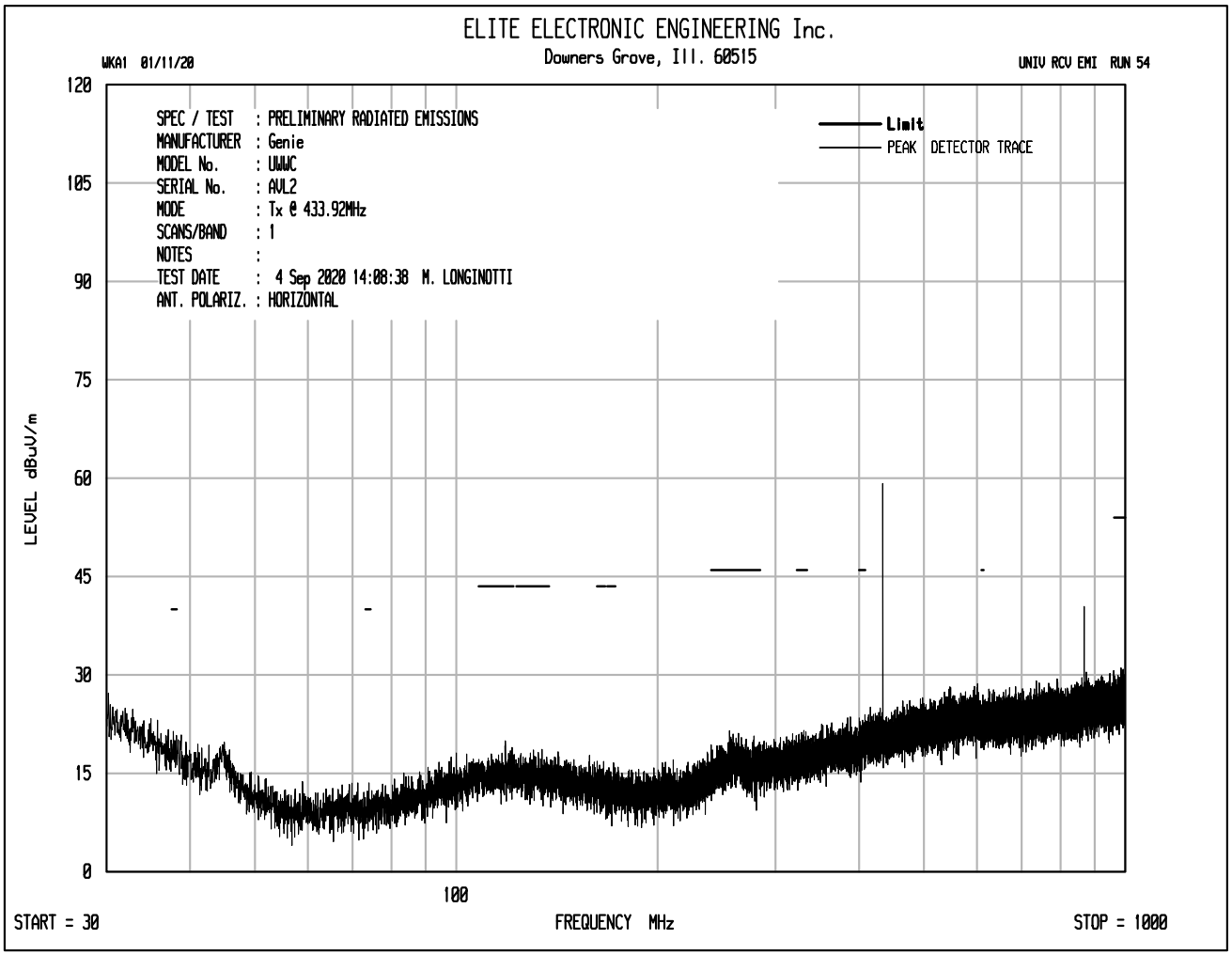

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 51
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 13:48:04 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

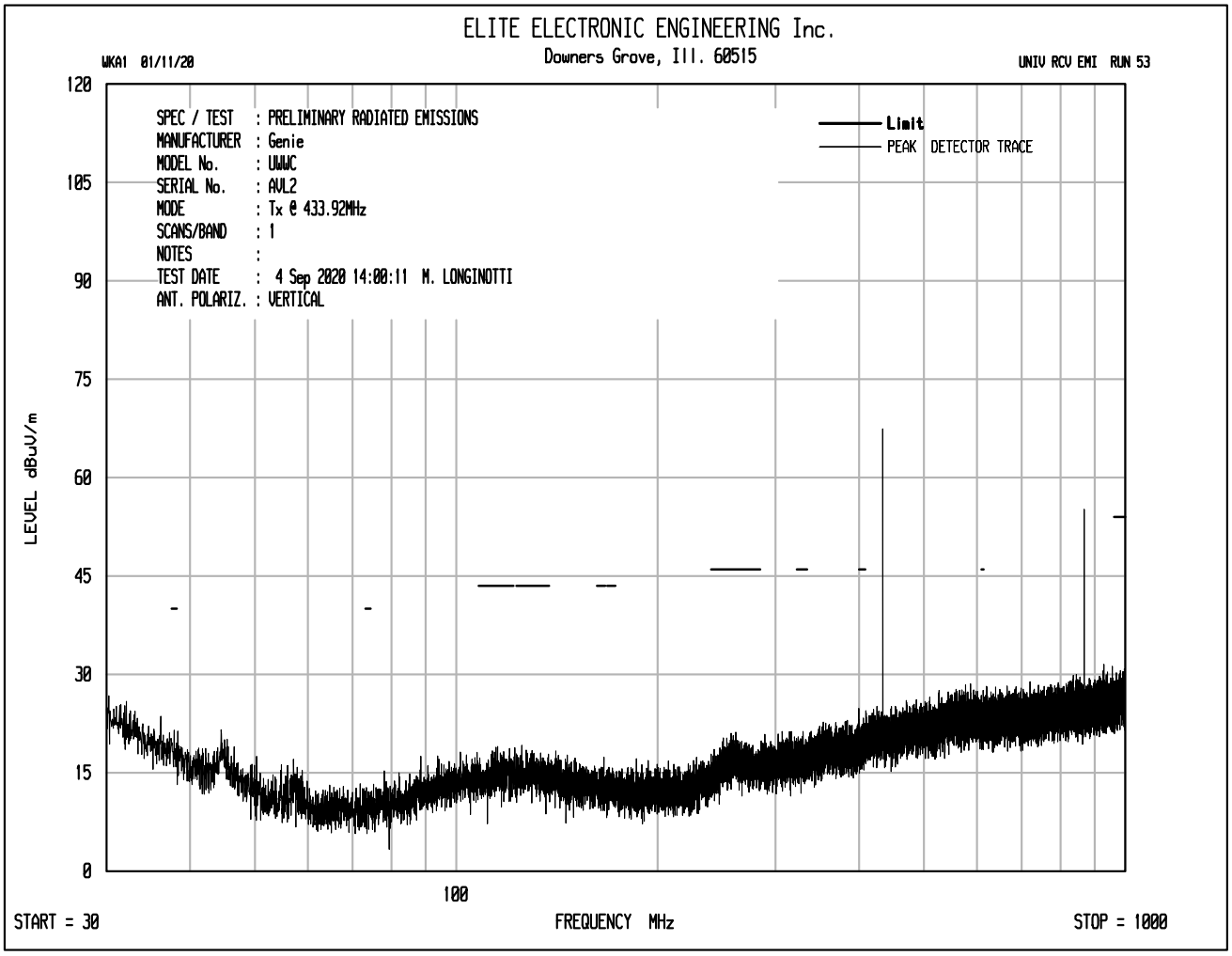

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 72
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 11:28:55 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

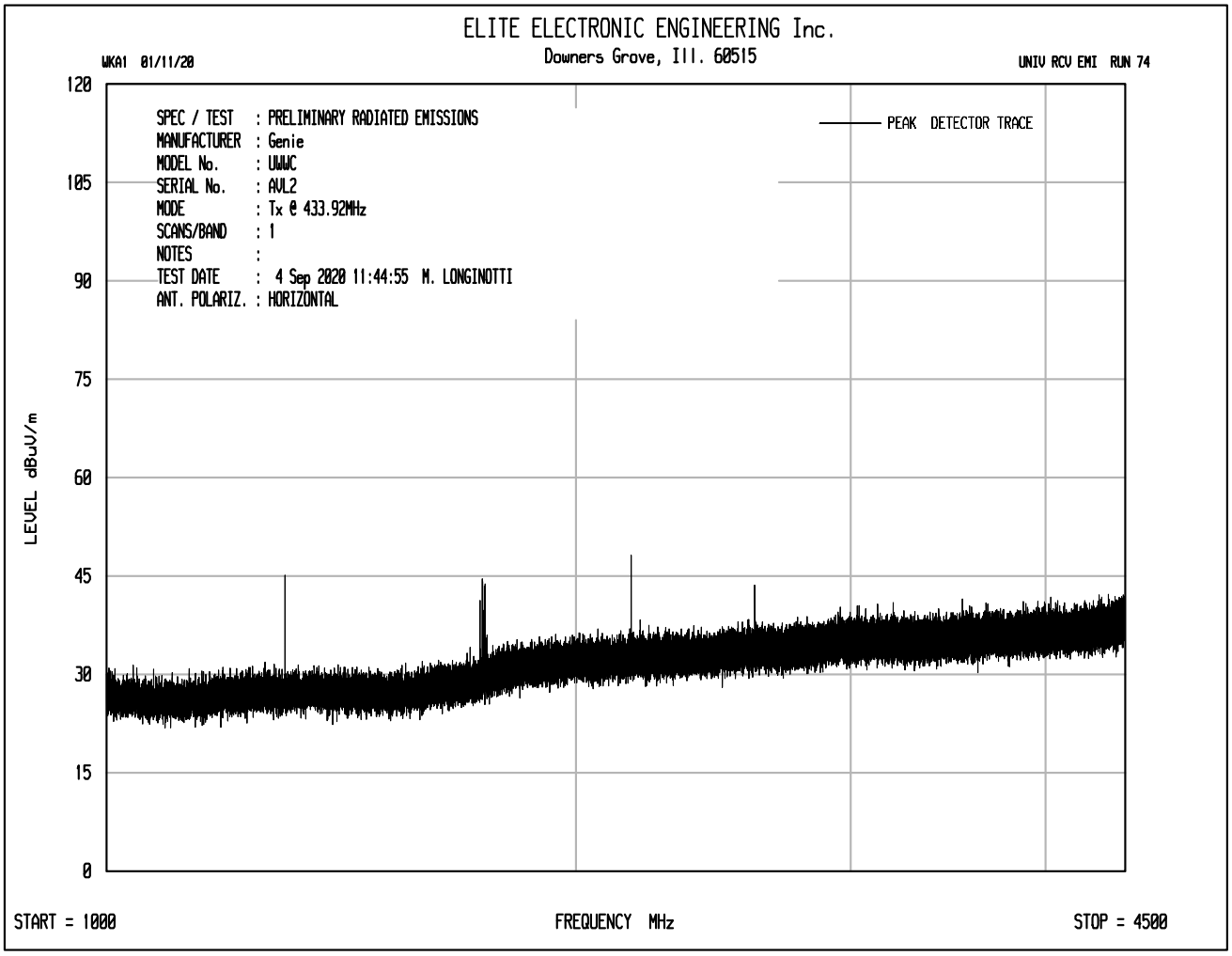

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 73
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 11:32:49 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

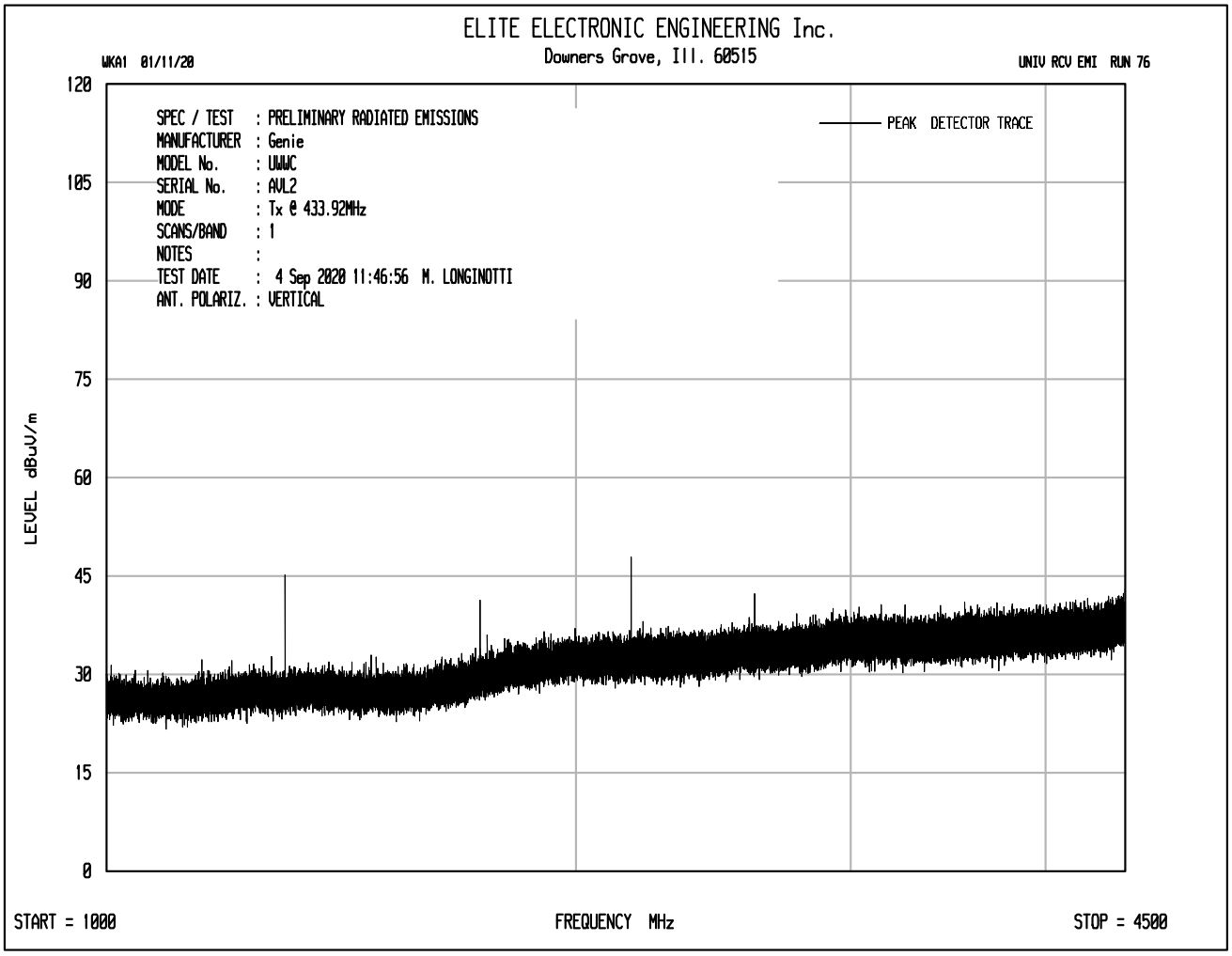
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 433.92MHz
Protocol	FAAC Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
433.920	H	35.6		1.1	22.4	0.0	-5.6	53.5	473.1	10996.7	-27.3
433.920	V	43.9		1.1	22.4	0.0	-5.6	61.8	1230.2	10996.7	-19.0
867.840	H	19.2		1.5	26.4	0.0	-5.6	41.6	119.7	1099.7	-19.3
867.840	V	29.9		1.5	26.4	0.0	-5.6	52.3	410.3	1099.7	-8.6
1301.760	H	20.9		1.9	29.7	0.0	-5.6	46.9	221.3	500.0	-7.1
1301.760	V	25.9		1.9	29.7	0.0	-5.6	51.9	393.4	500.0	-2.1
1735.680	H	18.4		2.2	31.1	0.0	-5.6	46.1	201.5	1099.7	-14.7
1735.680	V	17.3		2.2	31.1	0.0	-5.6	45.0	177.5	1099.7	-15.8
2169.600	H	21.6		2.5	32.6	0.0	-5.6	51.0	355.1	1099.7	-9.8
2169.600	V	20.5		2.5	32.6	0.0	-5.6	49.9	312.8	1099.7	-10.9
2603.520	H	18.3		2.7	32.9	0.0	-5.6	48.3	259.8	1099.7	-12.5
2603.520	V	19.6		2.7	32.9	0.0	-5.6	49.6	301.8	1099.7	-11.2
3037.440	H	19.0	Ambient	3.0	33.4	0.0	-5.6	49.8	309.7	1099.7	-11.0
3037.440	V	18.3	Ambient	3.0	33.4	0.0	-5.6	49.1	285.7	1099.7	-11.7
3471.360	H	17.2	Ambient	3.2	34.1	0.0	-5.6	48.8	276.6	1099.7	-12.0
3471.360	V	17.3	Ambient	3.2	34.1	0.0	-5.6	48.9	279.8	1099.7	-11.9
3905.280	H	17.4	Ambient	3.4	35.1	0.0	-5.6	50.2	324.7	500.0	-3.7
3905.280	V	17.9	Ambient	3.4	35.1	0.0	-5.6	50.7	344.0	500.0	-3.2
4339.200	H	18.1	Ambient	3.5	35.1	0.0	-5.6	51.2	361.4	500.0	-2.8
4339.200	V	17.8	Ambient	3.5	35.1	0.0	-5.6	50.9	349.1	500.0	-3.1


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 54
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 14:08:38 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

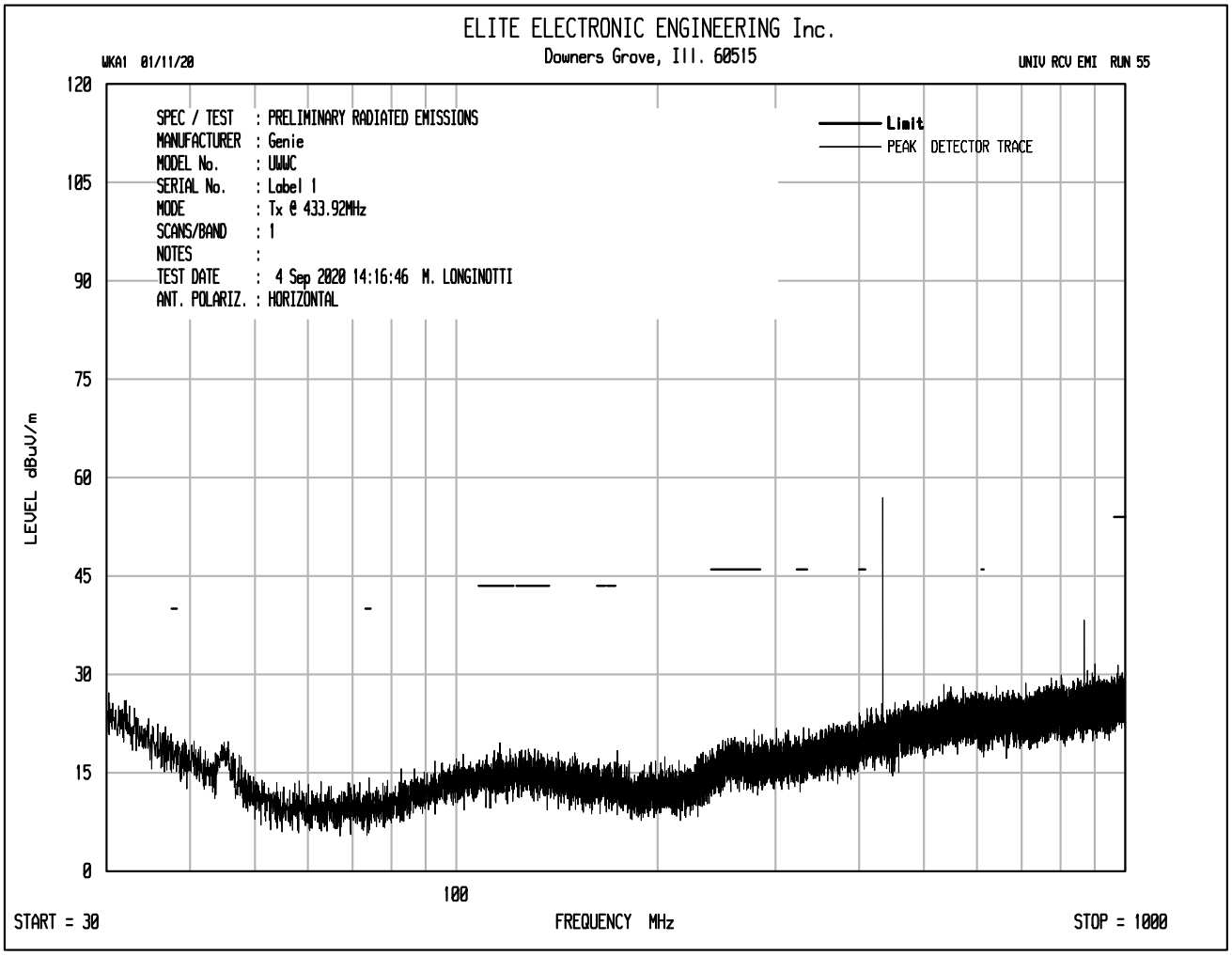

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 53
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 14:00:11 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

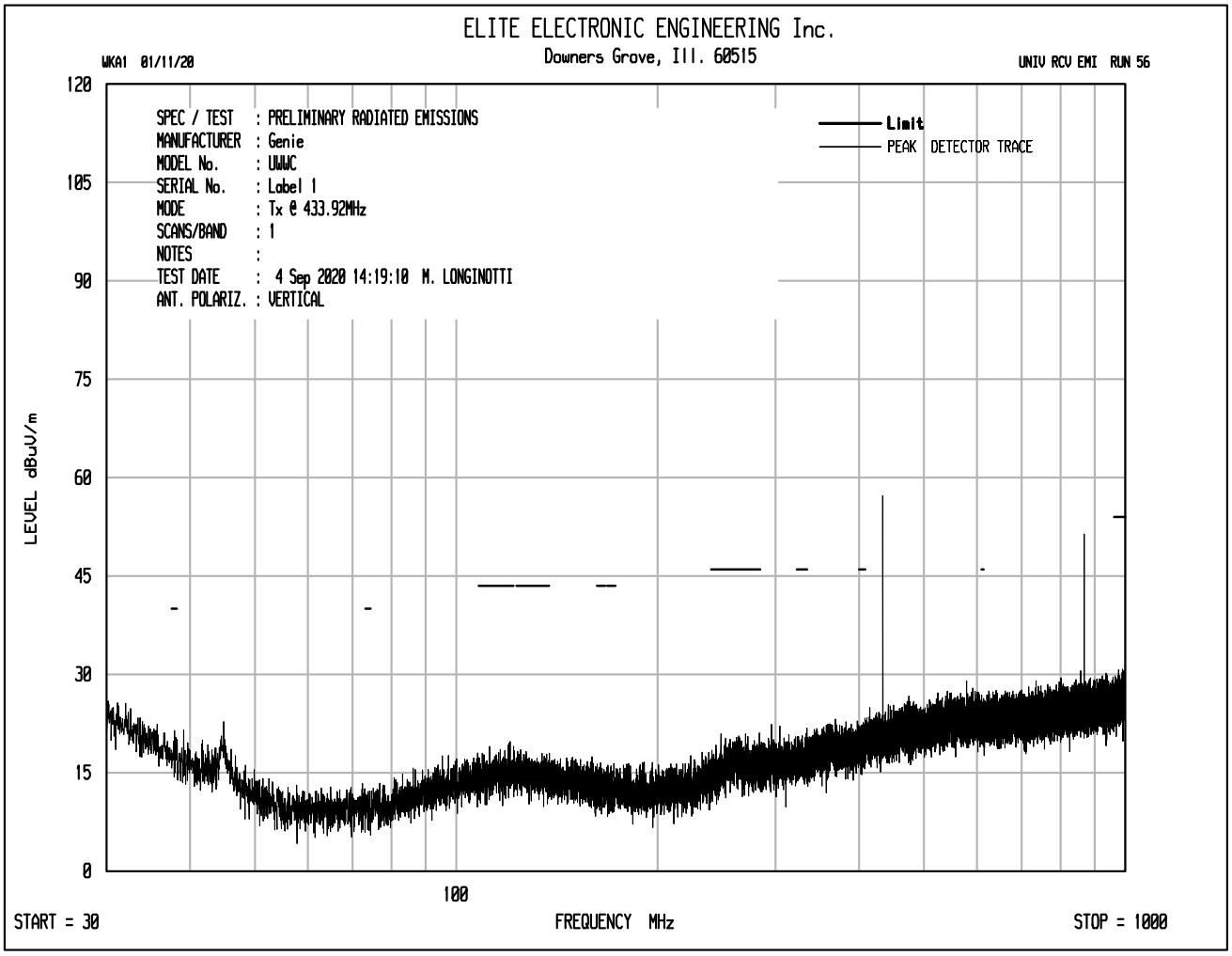

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 74
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 11:44:55 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

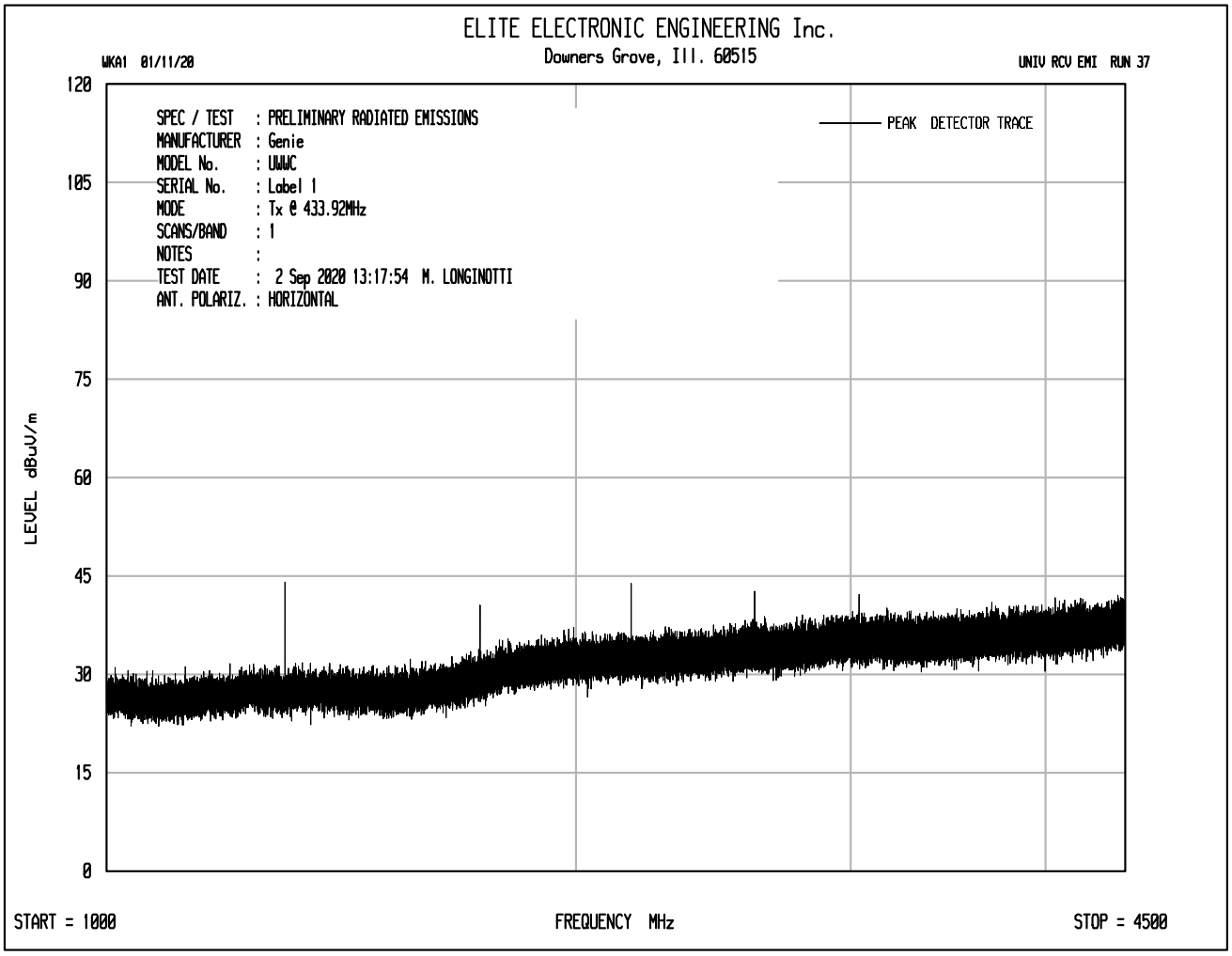

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 76
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 11:46:56 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

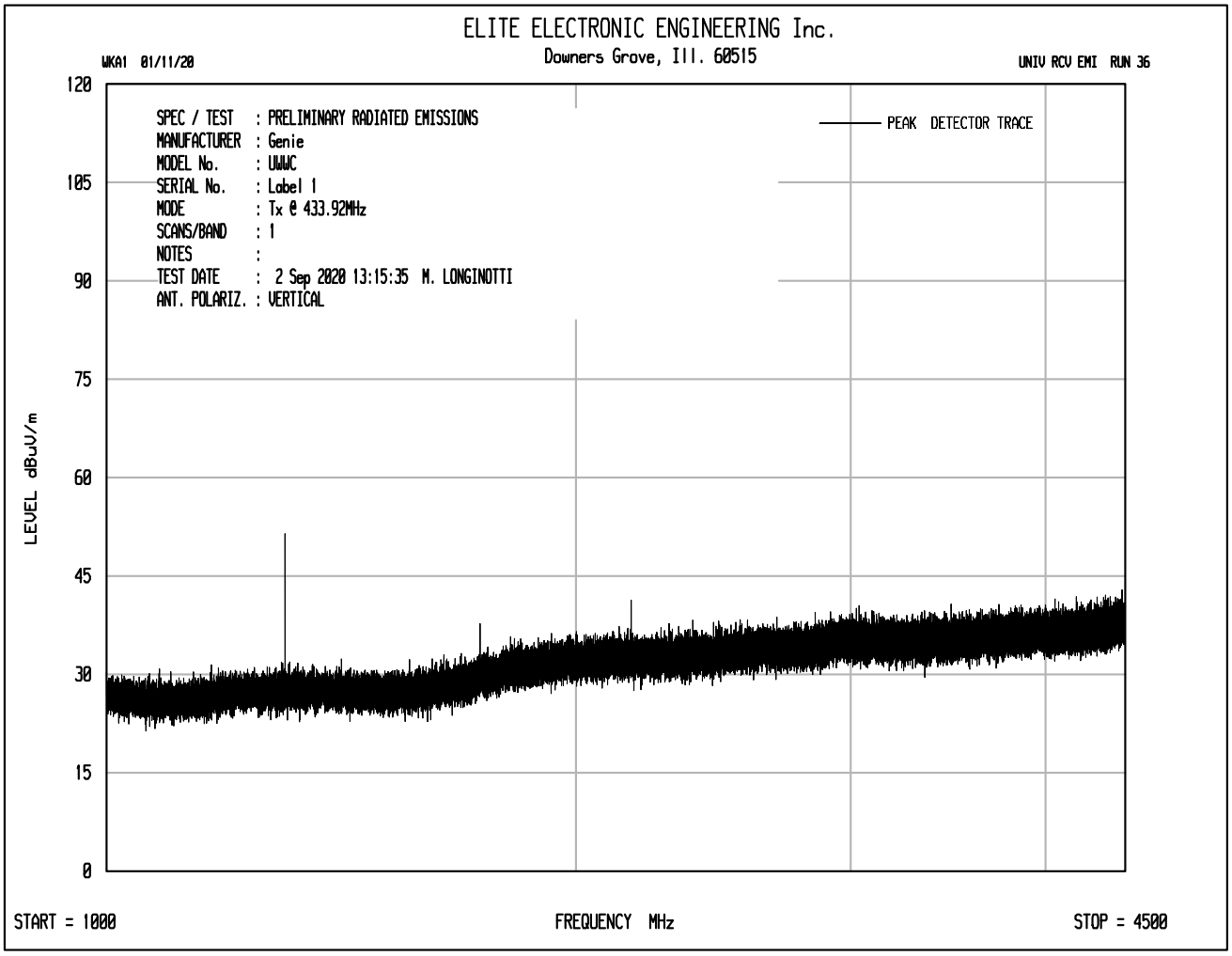
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 433.92MHz
Protocol	FAAC Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
433.920	H	36.9		1.1	22.4	0.0	-5.6	54.8	549.5	10996.7	-26.0
433.920	V	44.7		1.1	22.4	0.0	-5.6	62.6	1348.9	10996.7	-18.2
867.840	H	17.0		1.5	26.4	0.0	-5.6	39.4	92.9	1099.7	-21.5
867.840	V	28.2		1.5	26.4	0.0	-5.6	50.6	337.4	1099.7	-10.3
1301.760	H	20.7		1.9	29.7	0.0	-5.6	46.7	216.2	500.0	-7.3
1301.760	V	24.7		1.9	29.7	0.0	-5.6	50.7	342.7	500.0	-3.3
1735.680	H	17.1		2.2	31.1	0.0	-5.6	44.8	173.5	1099.7	-16.0
1735.680	V	17.0		2.2	31.1	0.0	-5.6	44.7	171.5	1099.7	-16.1


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 55
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 14:16:46 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

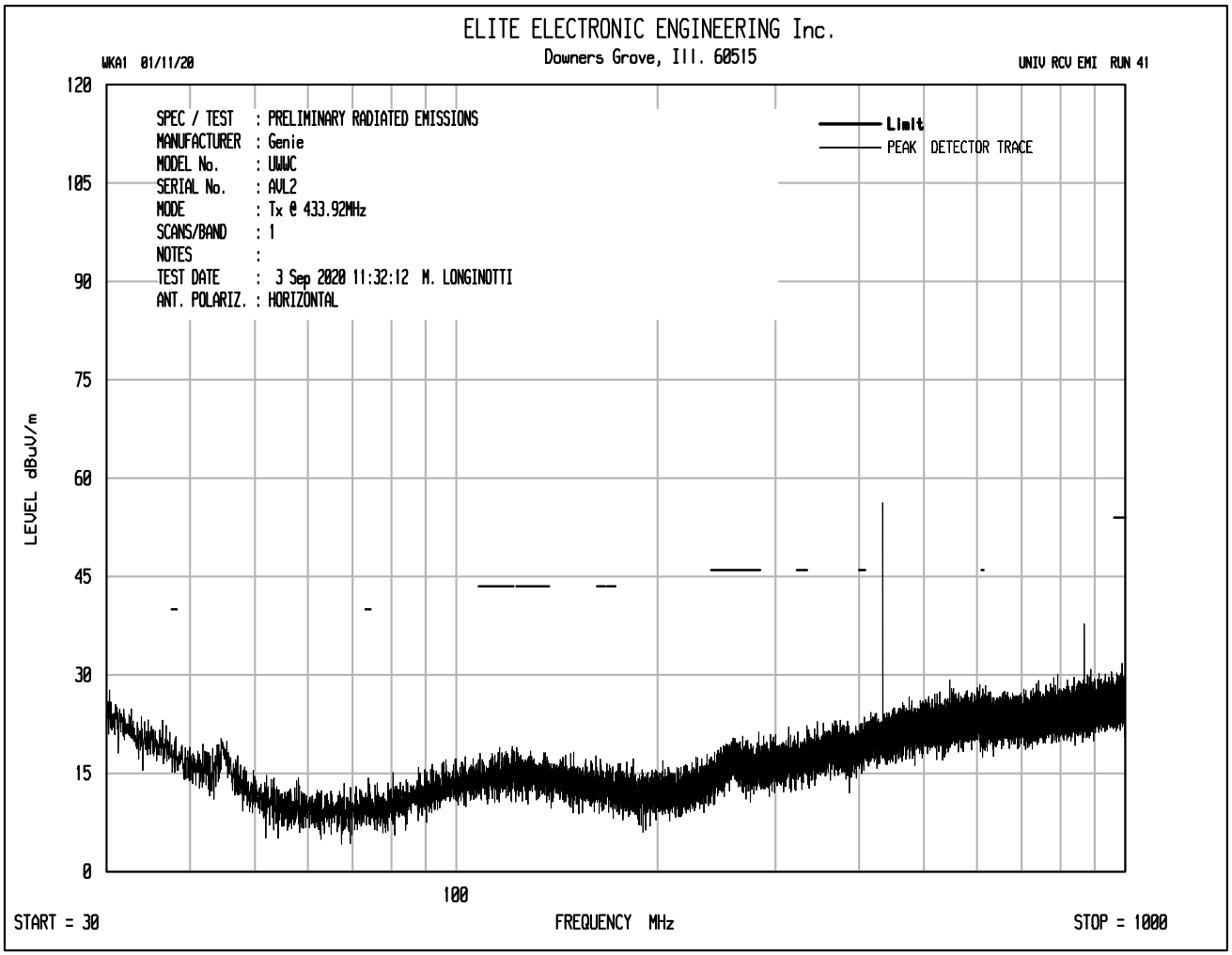

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 56
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 4 Sep 2020 14:19:10 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000

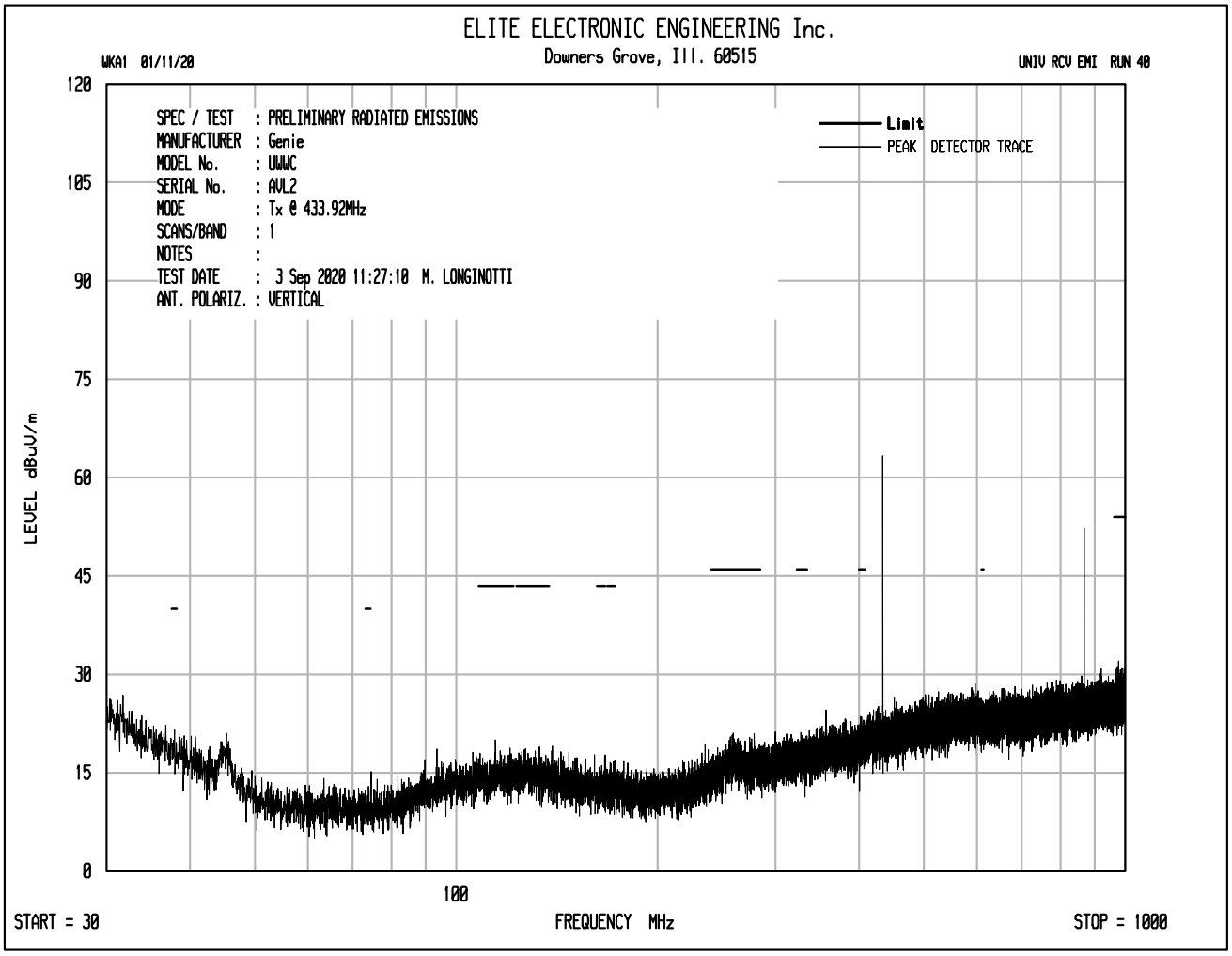

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 37
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 13:17:54 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
120
105
90
75
60
45
30
15
0
LEVEL dBuV/m
START = 1000
FREQUENCY MHz
STOP = 4500

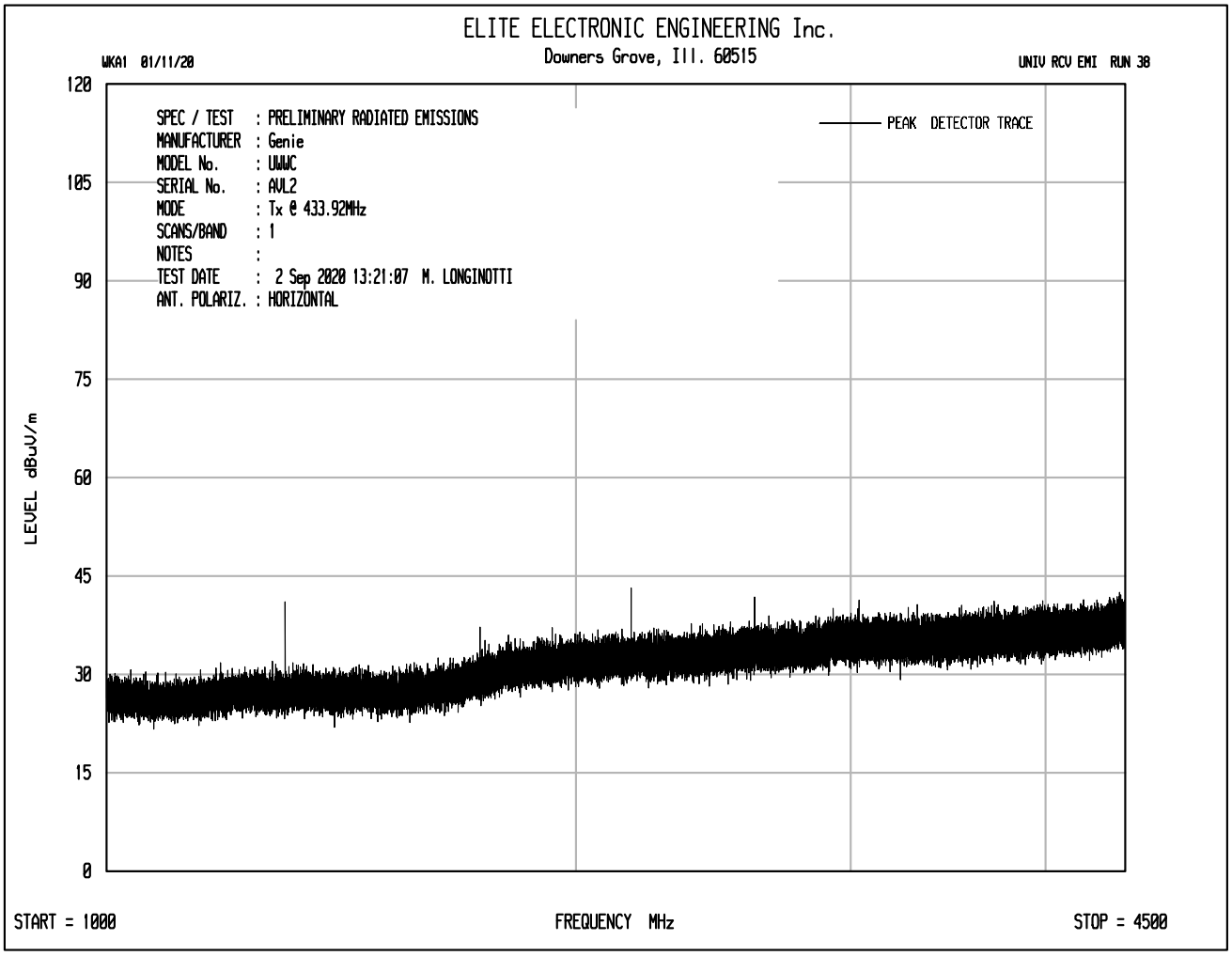

ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 36
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : Label 1
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 13:15:35 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

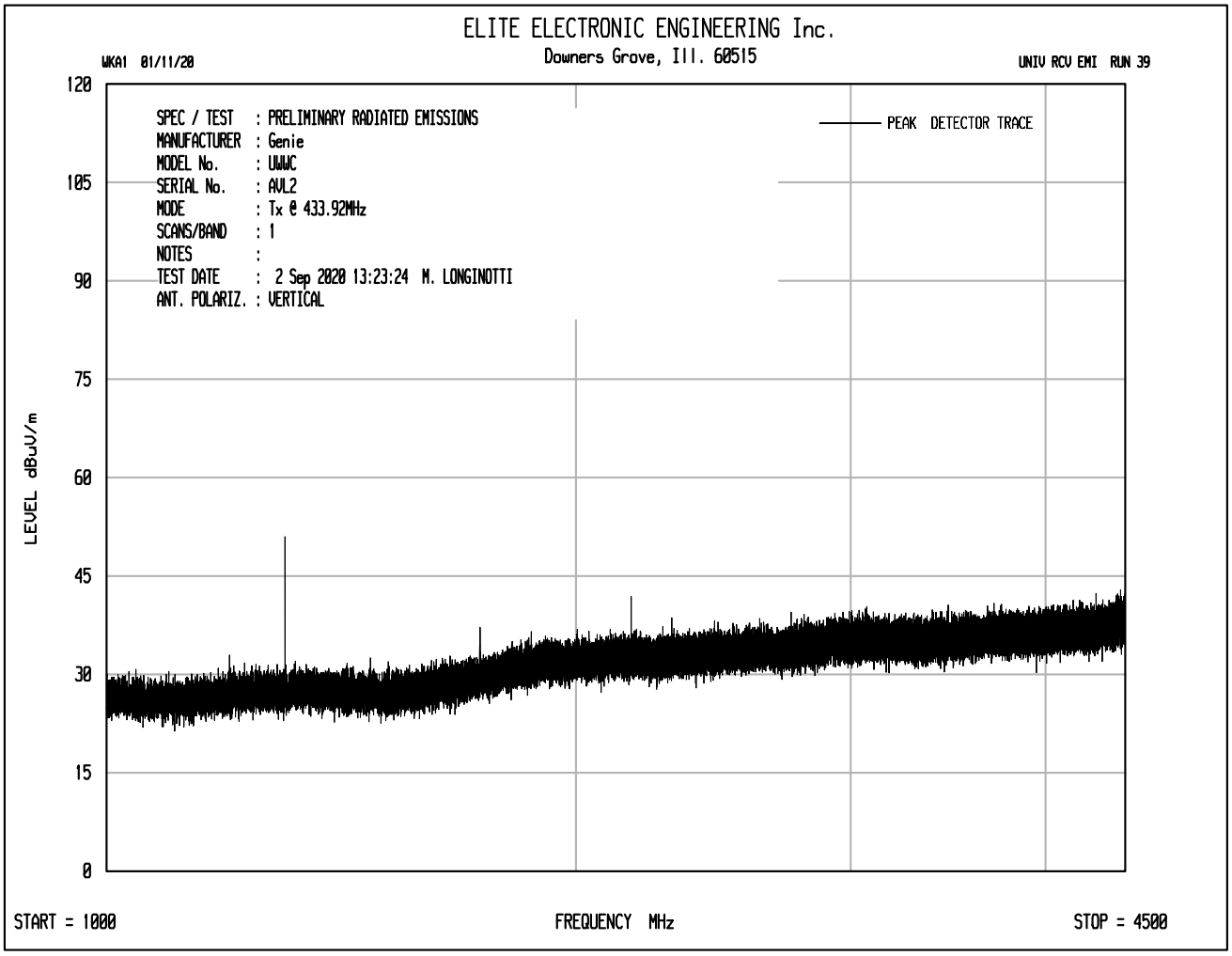
Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	Label 1
Mode	Transmit at 433.92MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
433.920	H	34.5		1.1	22.4	0.0	-3.0	55.0	559.7	10996.7	-25.9
433.920	V	41.5		1.1	22.4	0.0	-3.0	62.0	1255.9	10996.7	-18.8
867.840	H	15.7		1.5	26.4	0.0	-3.0	40.7	108.3	1099.7	-20.1
867.840	V	27.5		1.5	26.4	0.0	-3.0	52.5	421.8	1099.7	-8.3
1301.760	H	19.5		1.9	29.7	0.0	-3.0	48.1	252.9	500.0	-5.9
1301.760	V	23.9		1.9	29.7	0.0	-3.0	52.5	422.1	500.0	-1.5
1735.680	H	17.0		2.2	31.1	0.0	-3.0	47.3	231.3	1099.7	-13.5
1735.680	V	16.0		2.2	31.1	0.0	-3.0	46.3	206.6	1099.7	-14.5
2169.600	H	20.4		2.5	32.6	0.0	-3.0	52.4	417.2	1099.7	-8.4
2169.600	V	19.2		2.5	32.6	0.0	-3.0	51.2	363.4	1099.7	-9.6
2603.520	H	17.5	Ambient	2.7	32.9	0.0	-3.0	50.1	319.7	1099.7	-10.7
2603.520	V	18.1	Ambient	2.7	32.9	0.0	-3.0	50.7	342.5	1099.7	-10.1
3037.440	H	18.5	Ambient	3.0	33.4	0.0	-3.0	51.9	394.4	1099.7	-8.9
3037.440	V	18.1	Ambient	3.0	33.4	0.0	-3.0	51.5	376.7	1099.7	-9.3
3471.360	H	17.3	Ambient	3.2	34.1	0.0	-3.0	51.5	377.4	1099.7	-9.3
3471.360	V	16.6	Ambient	3.2	34.1	0.0	-3.0	50.8	348.2	1099.7	-10.0
3905.280	H	17.4	Ambient	3.4	35.1	0.0	-3.0	52.8	438.0	500.0	-1.1
3905.280	V	17.7	Ambient	3.4	35.1	0.0	-3.0	53.1	453.4	500.0	-0.8
4339.200	H	17.6	Ambient	3.5	35.1	0.0	-3.0	53.3	460.3	500.0	-0.7
4339.200	V	17.9	Ambient	3.5	35.1	0.0	-3.0	53.6	476.4	500.0	-0.4


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 41
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AUL2
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 11:32:12 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 40
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 3 Sep 2020 11:27:10 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
Limit
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
100
START = 30
FREQUENCY MHz
STOP = 1000


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 38
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 13:21:07 M. LONGINOTTI
ANT. POLARIZ. : HORIZONTAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500


ELITE ELECTRONIC ENGINEERING Inc.
Downers Grove, Ill. 60515
WKA1 01/11/20
UNIV RCV EMI RUN 39
SPEC / TEST : PRELIMINARY RADIATED EMISSIONS
MANUFACTURER : Genie
MODEL No. : UWC
SERIAL No. : AVL2
MODE : Tx @ 433.92MHz
SCANS/BAND : 1
NOTES :
TEST DATE : 2 Sep 2020 13:23:24 M. LONGINOTTI
ANT. POLARIZ. : VERTICAL
PEAK DETECTOR TRACE
LEVEL dBuV/m
120
105
90
75
60
45
30
15
0
START = 1000
FREQUENCY MHz
STOP = 4500

Test Details	
Manufacturer	Genie Company
Model	UWWC
S/N	AVL2
Mode	Transmit at 433.92MHz
Protocol	Unknown Protocol
Notes	

Freq. (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBuV/m)	Total (uV/m)	Limit (uV/m)	Margin (dB)
433.920	H	33.6		1.1	22.4	0.0	-3.0	54.1	507.0	10996.7	-26.7
433.920	V	40.5		1.1	22.4	0.0	-3.0	61.0	1121.9	10996.7	-19.8
867.840	H	15.0		1.5	26.4	0.0	-3.0	40.0	99.6	1099.7	-20.9
867.840	V	27.7		1.5	26.4	0.0	-3.0	52.7	429.6	1099.7	-8.2
1301.760	H	12.2		1.9	29.7	0.0	-3.0	40.8	109.6	500.0	-13.2
1301.760	V	23.0		1.9	29.7	0.0	-3.0	51.6	380.1	500.0	-2.4
2169.600	H	19.8		2.5	32.6	0.0	-3.0	51.8	389.3	1099.7	-9.0
2169.600	V	18.9		2.5	32.6	0.0	-3.0	50.9	351.0	1099.7	-9.9

23. Occupied Bandwidth Measurements

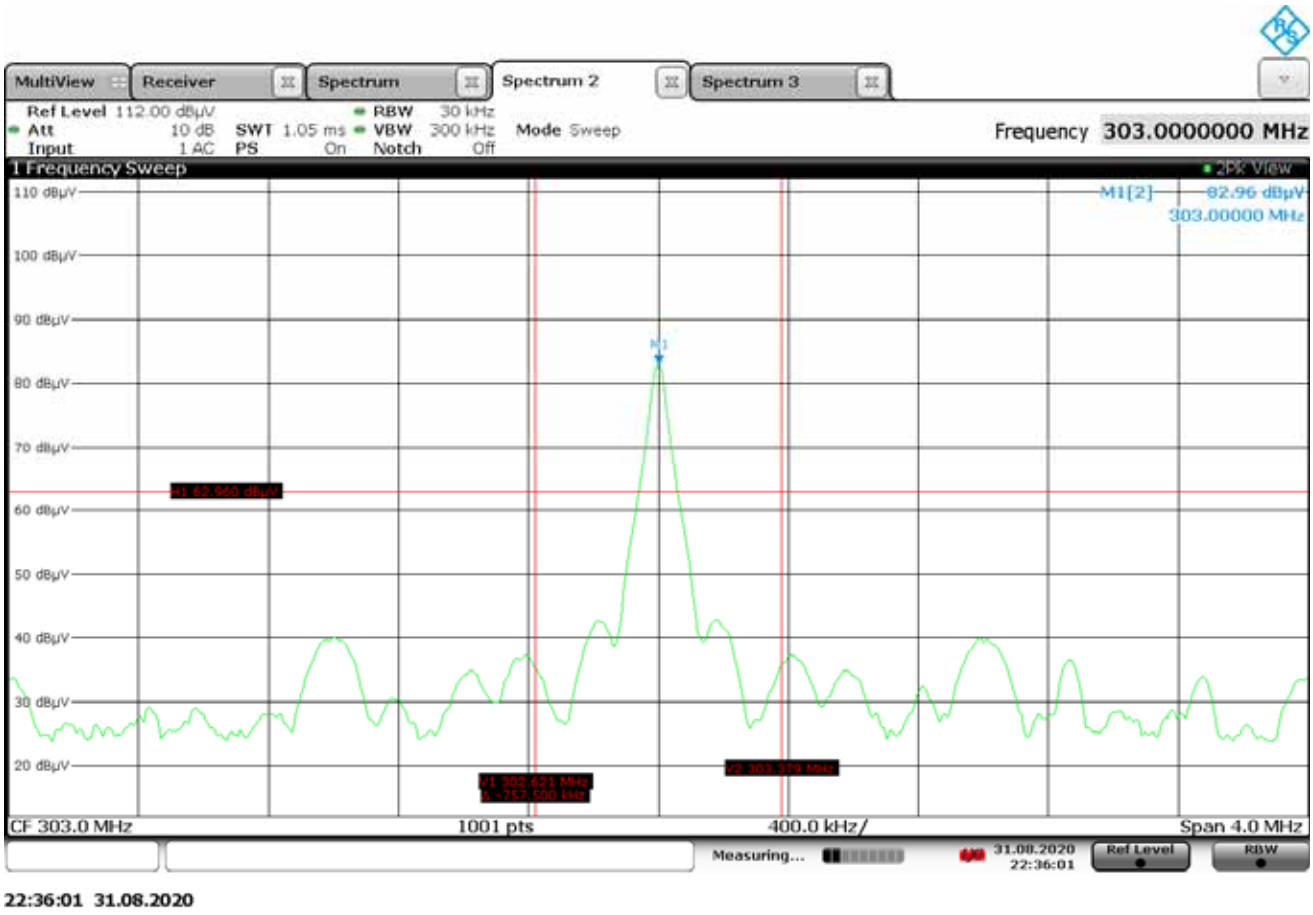
Test Information	
Manufacturer	Genie Company
Product	Universal Wireless Wall Console
Model	UWWC
Mode	See Below
Test Date	August 31, 2020

Requirements
FCC 15.231(c): The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier. RSS-210, Annex A, Section A.1.3: The occupied bandwidth (99% Bandwidth) of momentarily operated devices shall be less than or equal to 0.25% of the center frequency for devices operating between 70 MHz and 900 MHz.

Procedures
The unit was set to transmit continuously. With an antenna positioned nearby, occupied bandwidth emissions were displayed on the spectrum analyzer. The resolution bandwidth was set to 30kHz and span was set to 4MHz. A screen capture was taken of the frequency spectrum near the carrier using a screen dump function on the spectrum analyzer.

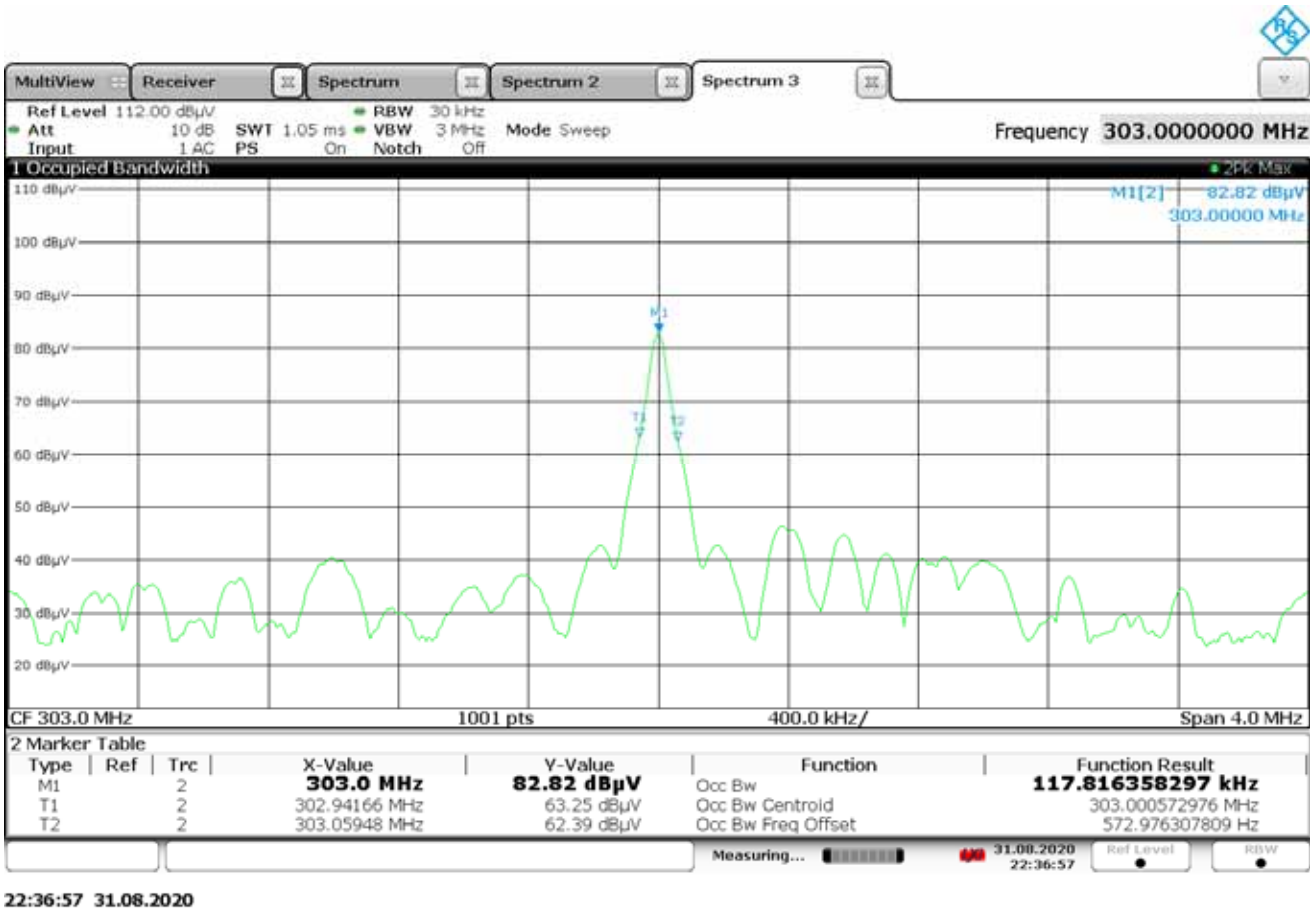
Mode	Frequency MHz	Manufacturer	Description	99% BW
1	303	Guardian	Fixed Code	117.8kHz
2	310	Sommer	Rolling Code	114.4kHz
3	310	Stanley	Fixed Dip Switch	117.9kHz
4	315	Chamberlain	Purple	143.6kHz
5	315	Genie	IC1	118.4kHz
6	315	Genie	IC2	147.0kHz
7	315	Marantec	Fixed Code	111.8kHz
8	318	Linear	Mega Code	119.1kHz
9	372.5	Wayne Dalton	Rolling Code	112.0kHz
10	372.5	Ryobi	Rolling Code	144.7kHz
11	390	Chamberlain	Green	115.8kHz
12	390	Chamberlain	Orange/Red	114.3kHz
13	390	Chamberlain	Yellow	116.0kHz
14	390	Chamberlain Legacy	9 DIP switches	151.4kHz
15	390	Genie	IC1	119.8kHz
16	390	Genie	IC2	139.5kHz
17	390	Genie Legacy	9 DIP switches	127.1kHz
18	390	Genie Legacy	12 position DIP switches	145.2kHz
19	390	Overhead Door	9 DIP switches	125.1kHz
19	433.92	FAAC	Rolling Code	124.5kHz

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 303MHz
Protocol	Guardian Protocol
Notes	20dB bandwidth



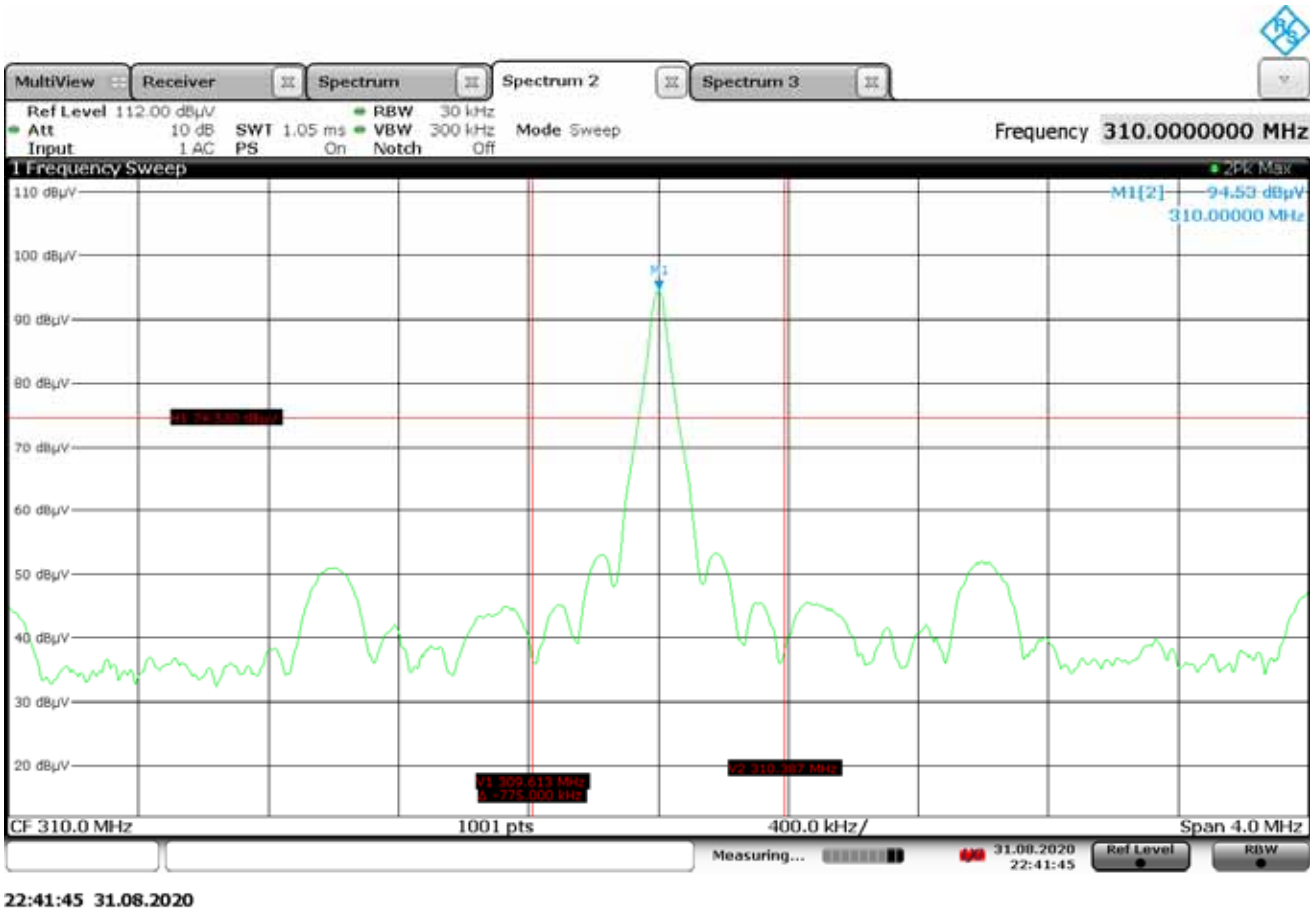
22:36:01 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 303MHz
Protocol	Guardian Protocol
Notes	99% bandwidth



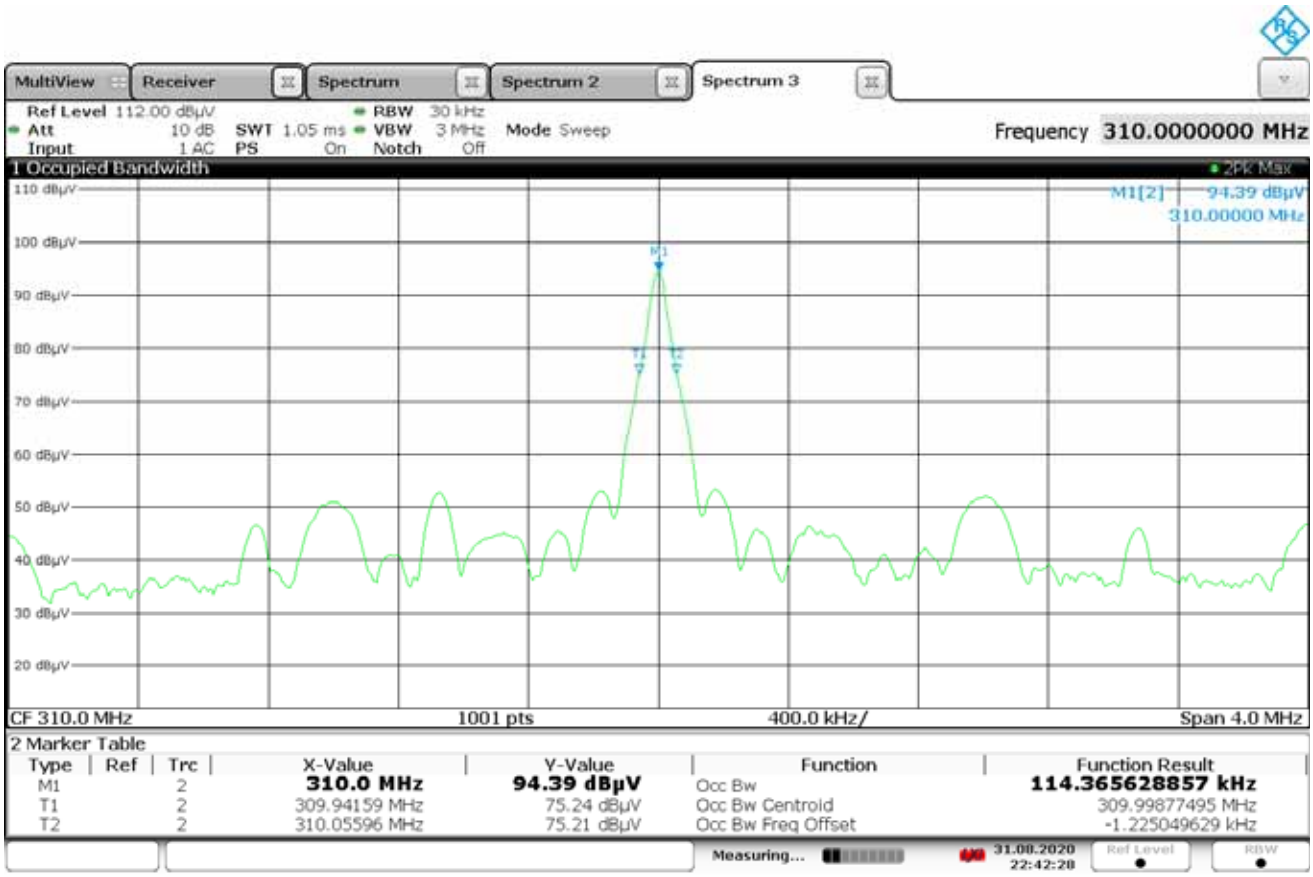
22:36:57 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 310MHz
Protocol	Sommer Protocol
Notes	20dB bandwidth



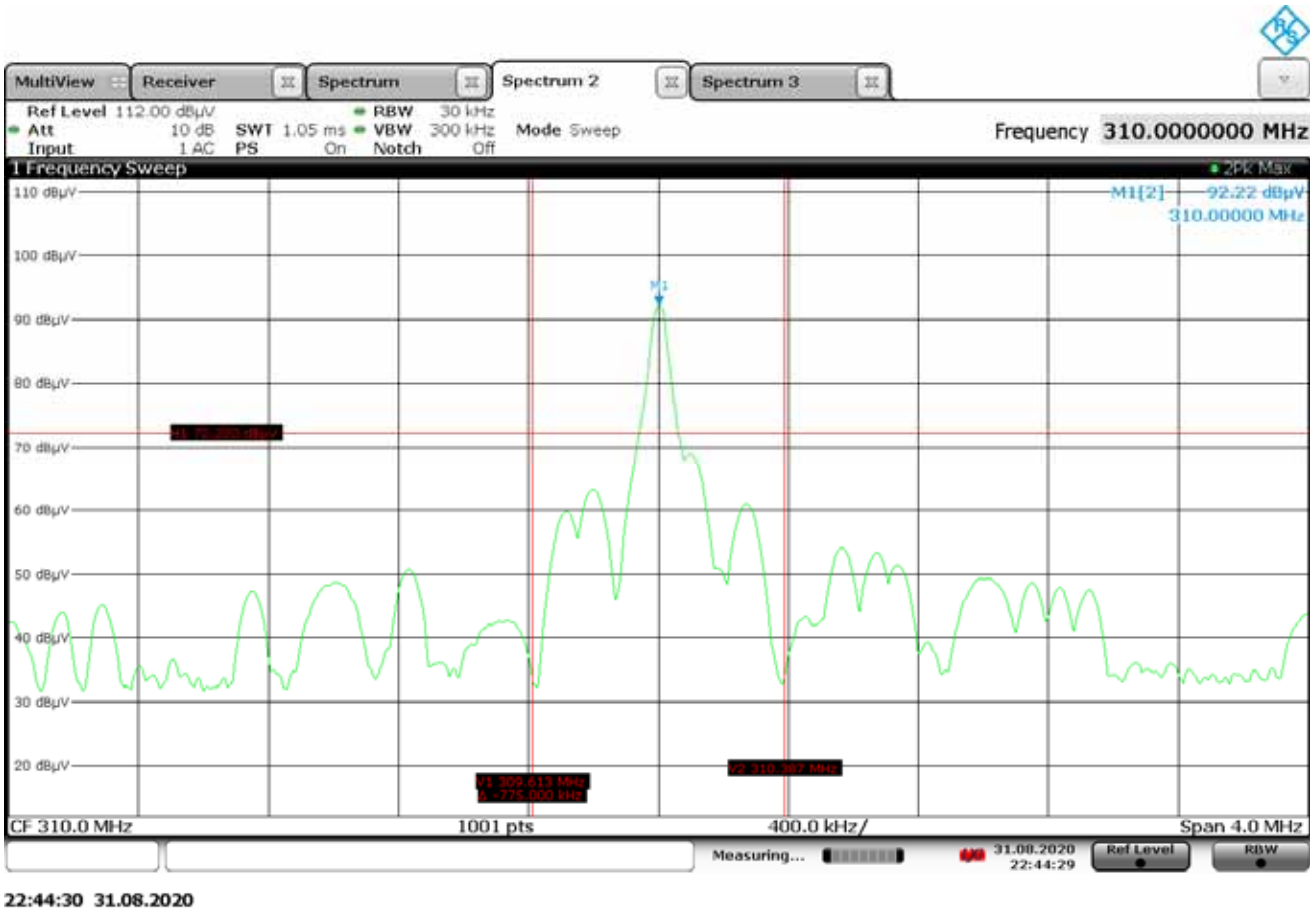
22:41:45 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 310MHz
Protocol	Sommer Protocol
Notes	99% bandwidth



22:42:29 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 310MHz
Protocol	Stanley Protocol
Notes	20dB bandwidth

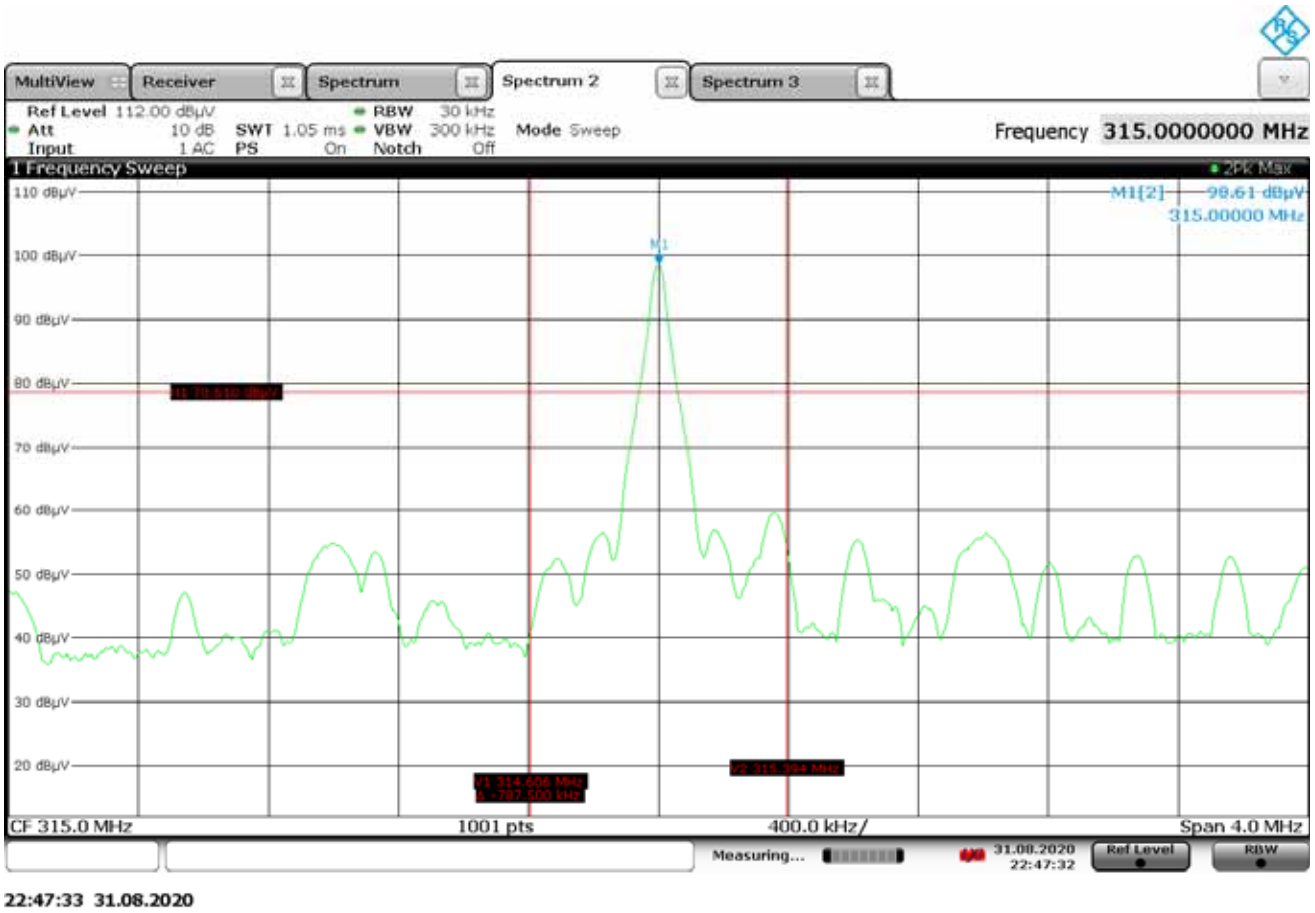


22:44:30 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 310MHz
Protocol	Stanley Protocol
Notes	99% bandwidth

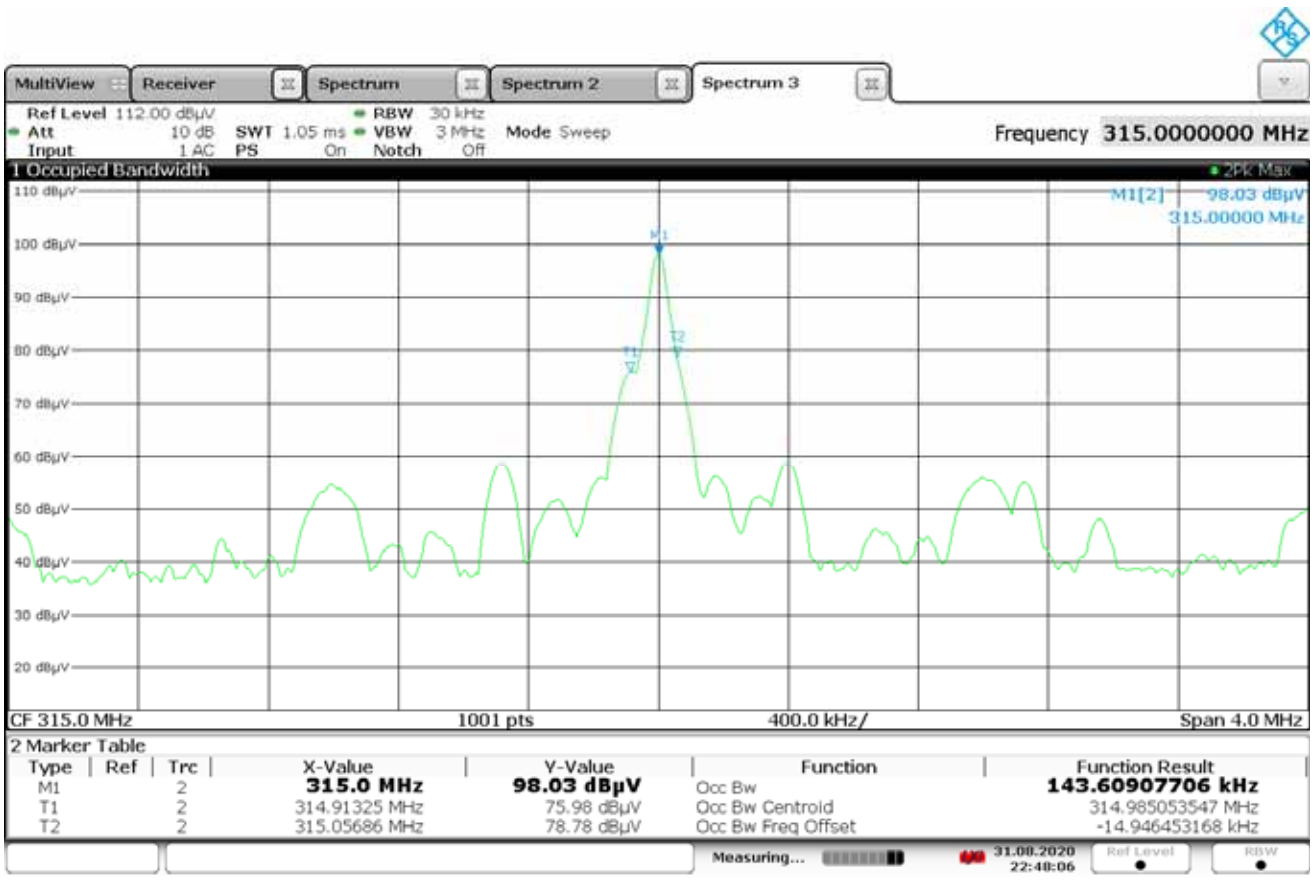
22:45:01 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 315MHz
Protocol	Chamberlain Purple Protocol
Notes	20dB bandwidth



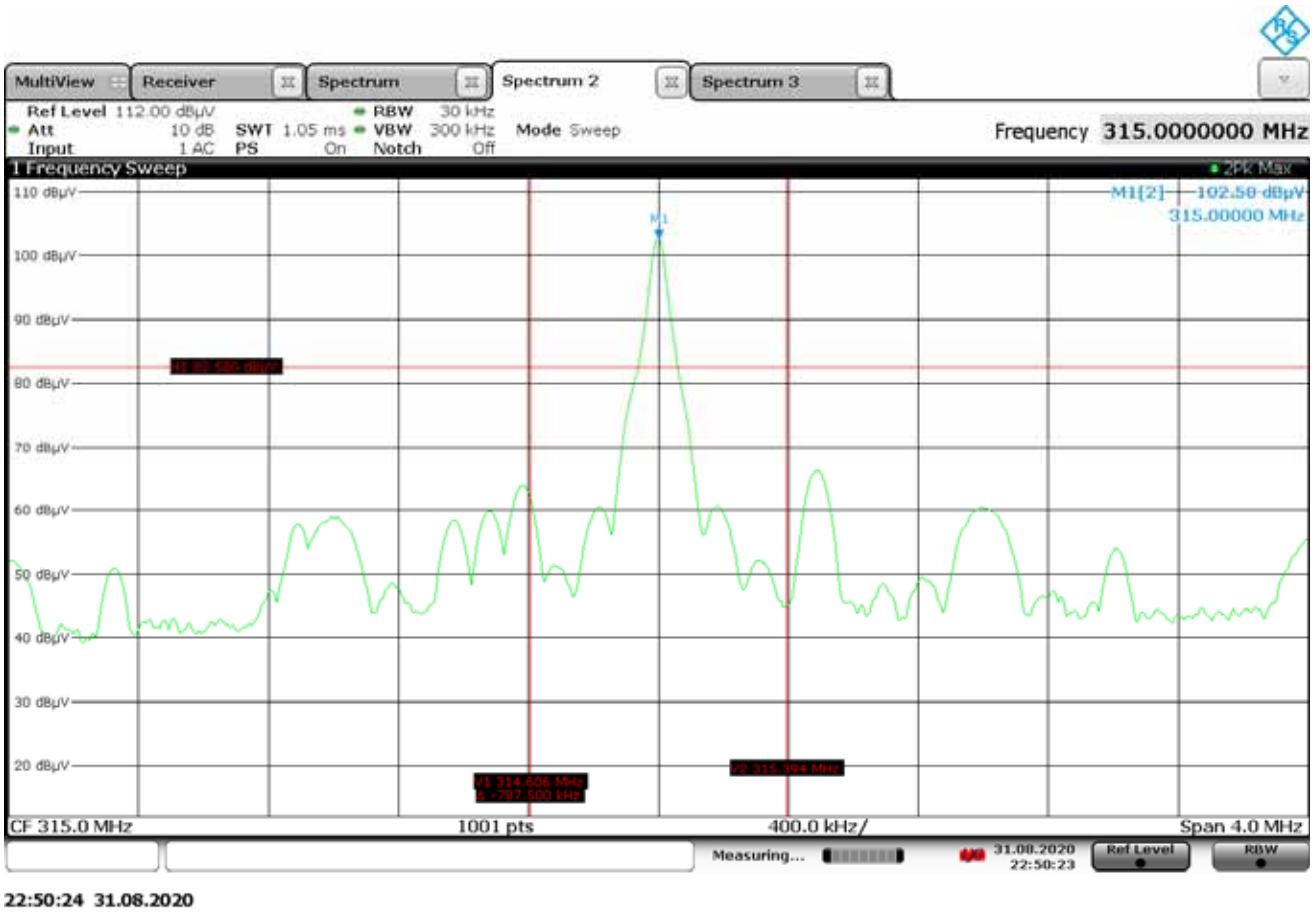
22:47:33 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 315MHz
Protocol	Chamberlain Purple Protocol
Notes	99% bandwidth



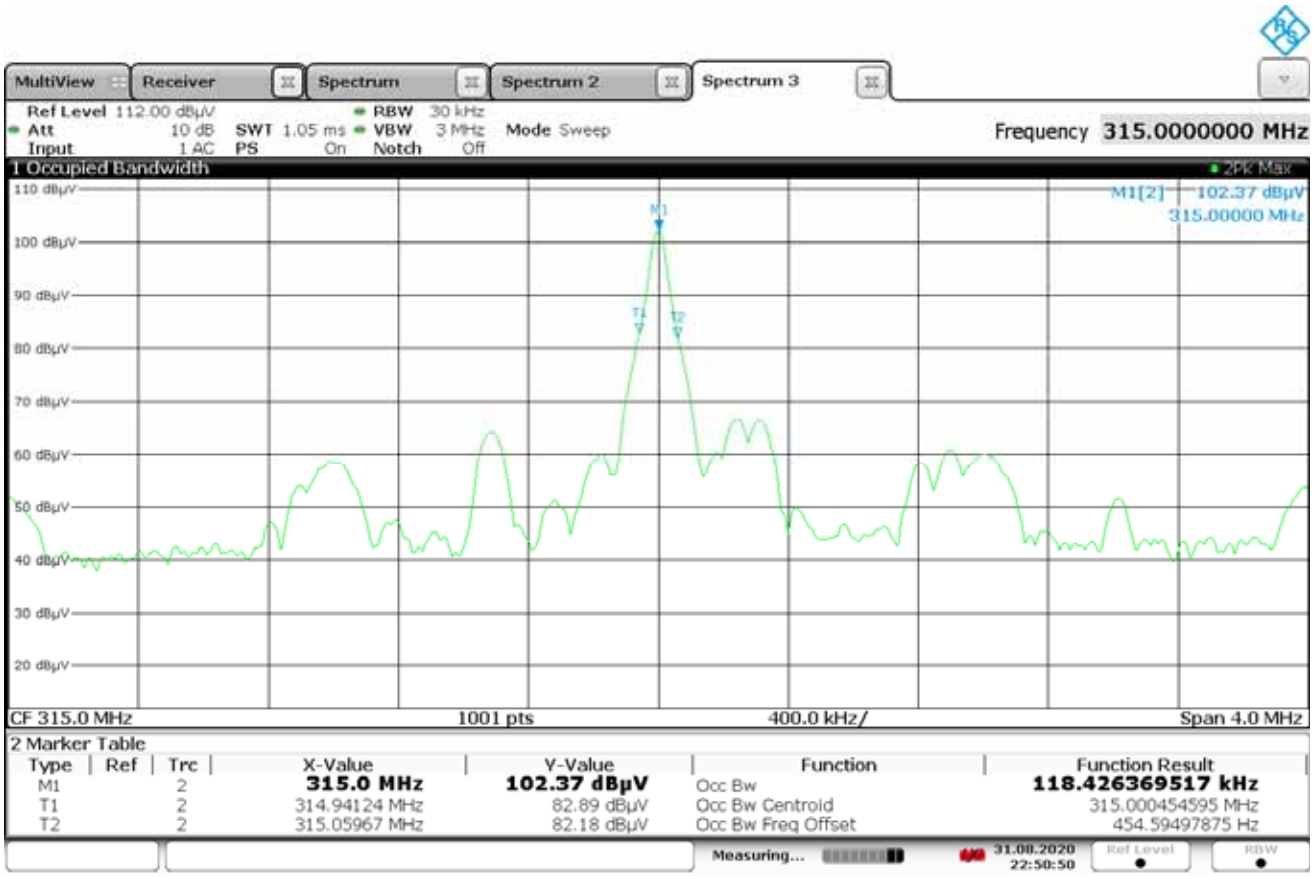
22:48:07 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 315MHz
Protocol	Genie IC1 Protocol
Notes	20dB bandwidth



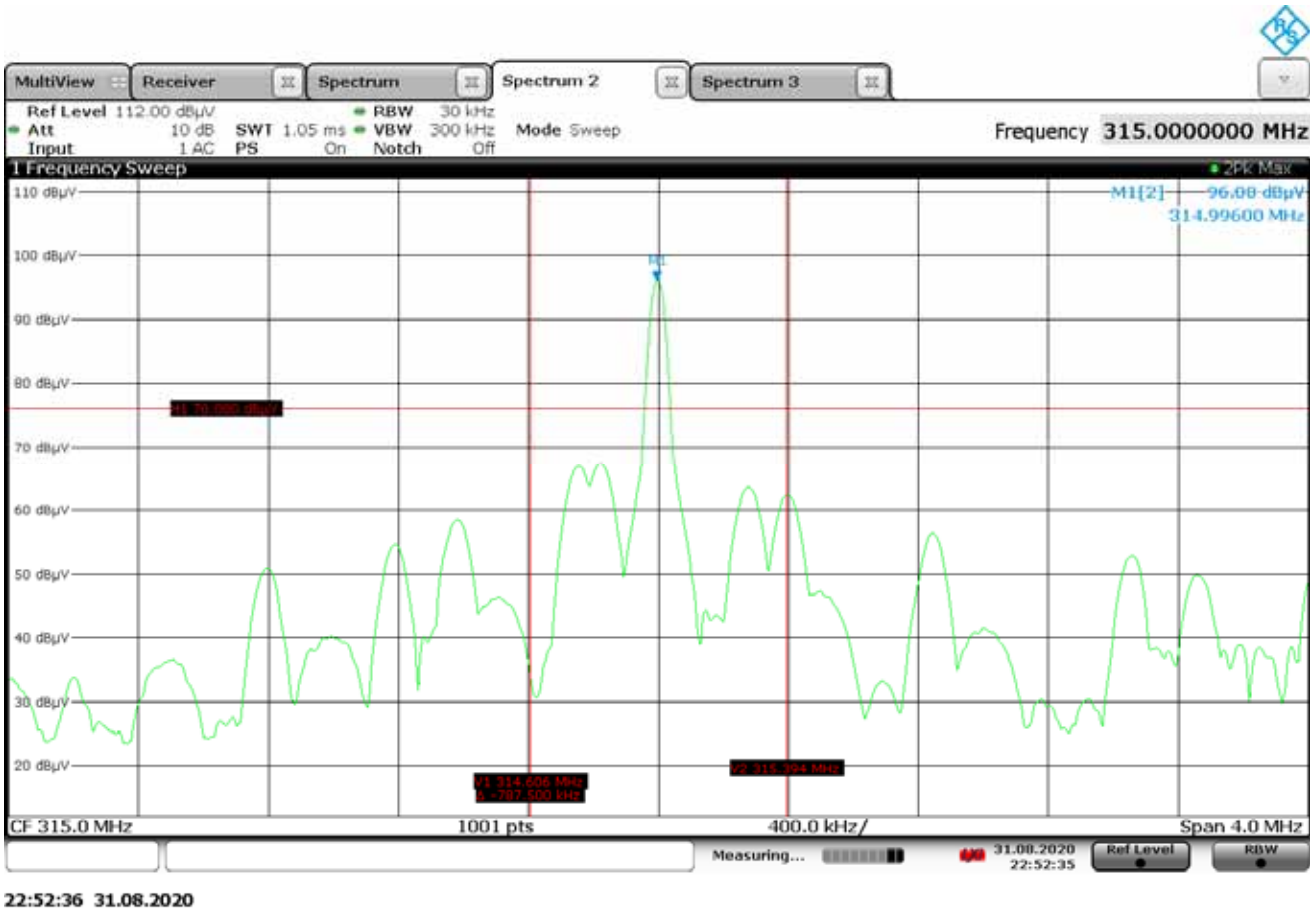
22:50:24 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 315MHz
Protocol	Genie IC1 Protocol
Notes	99% bandwidth



22:50:51 31.08.2020

Test Details	
Manufacturer	Genie Company
Model	UWWC
Mode	Transmit at 315MHz
Protocol	Genie IC2 Protocol
Notes	20dB bandwidth



22:52:36 31.08.2020