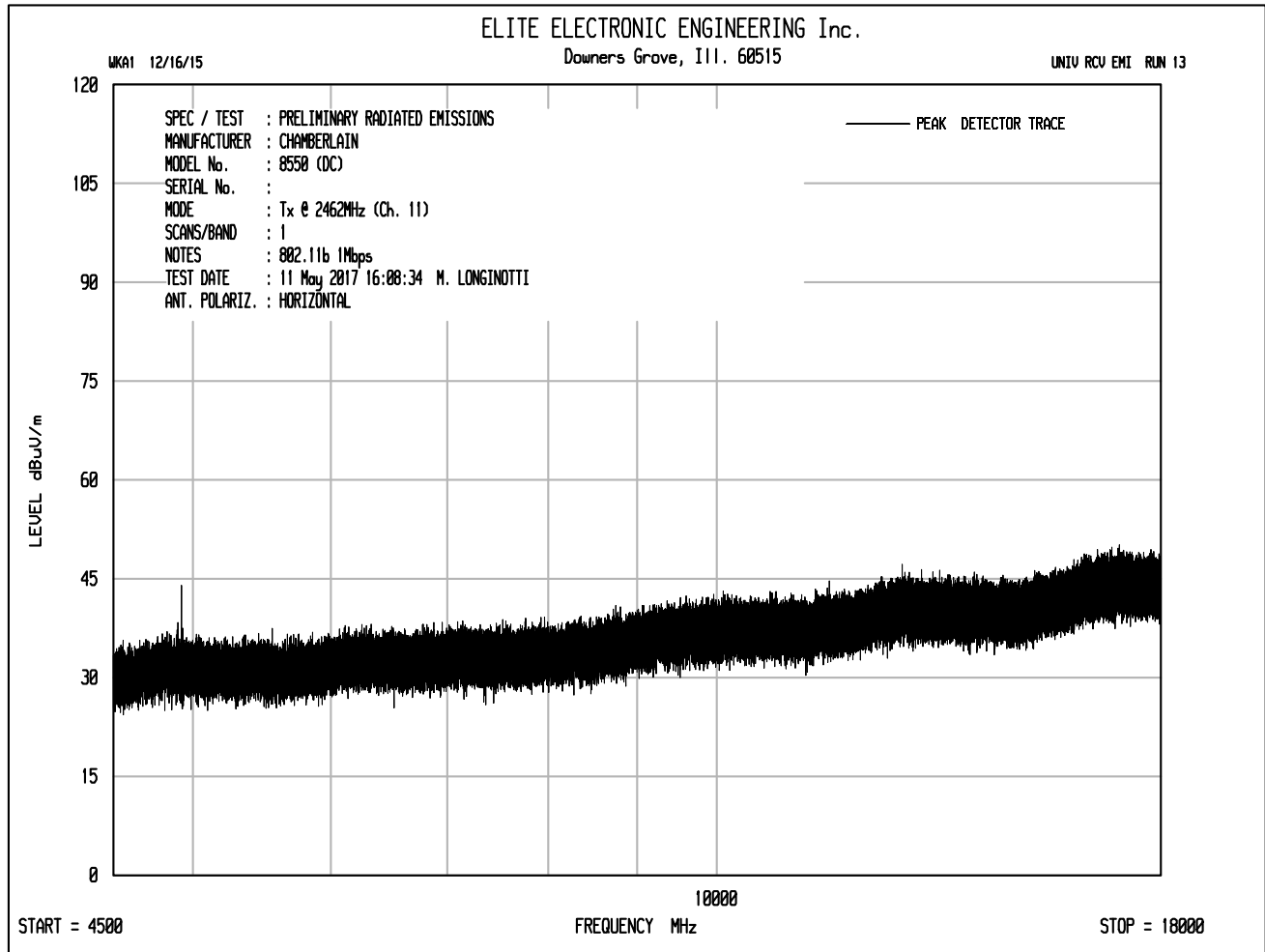
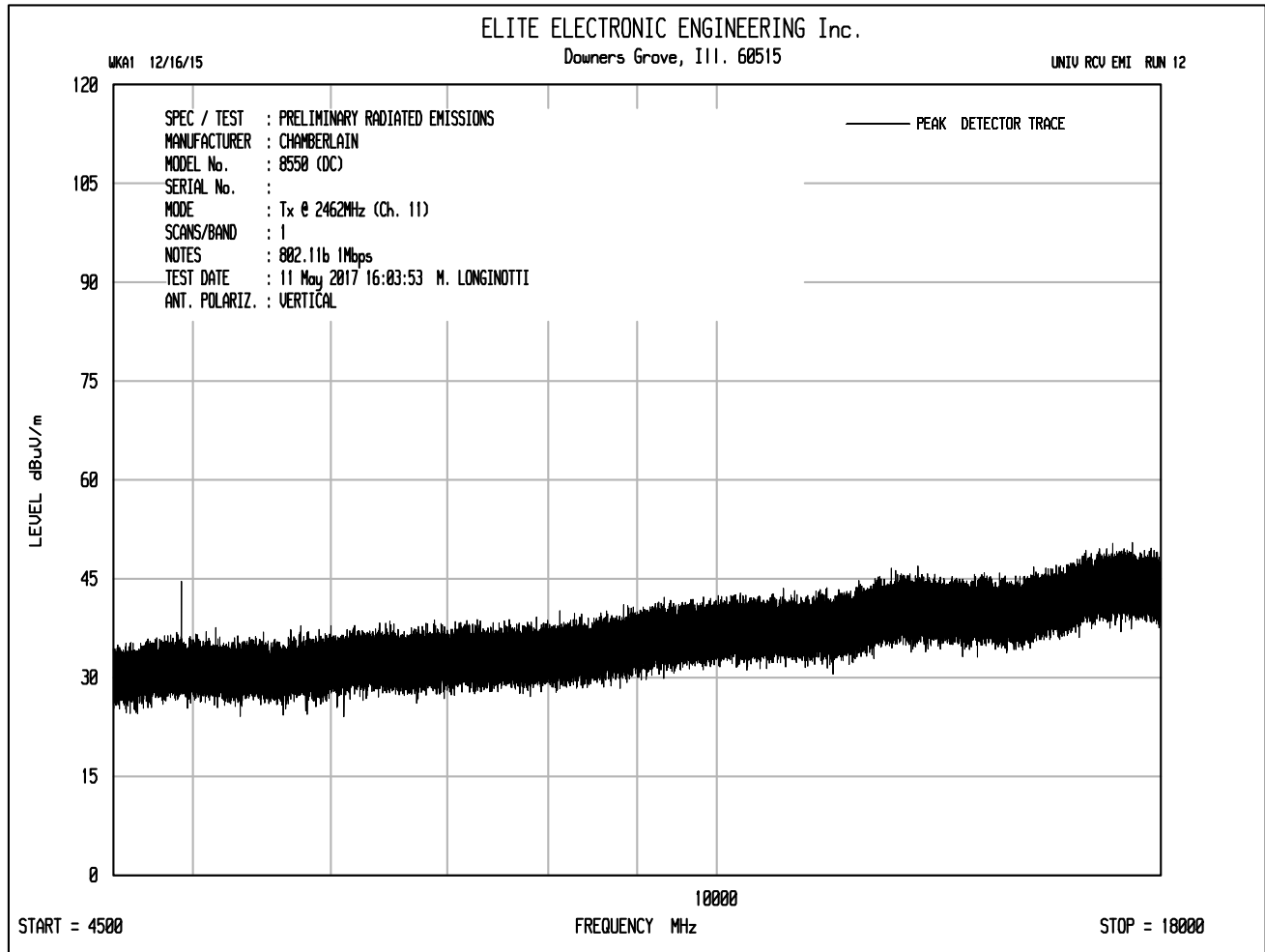
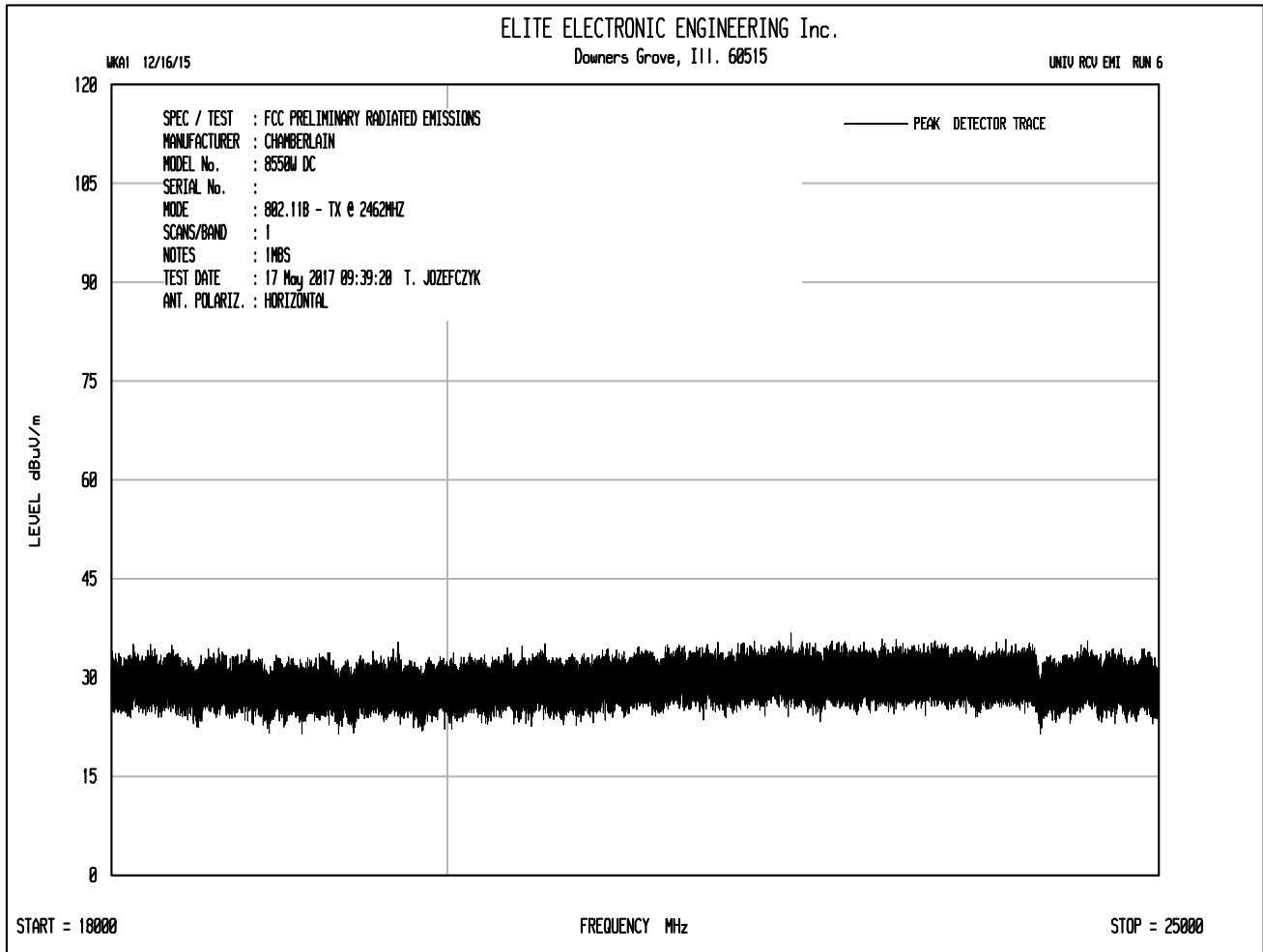
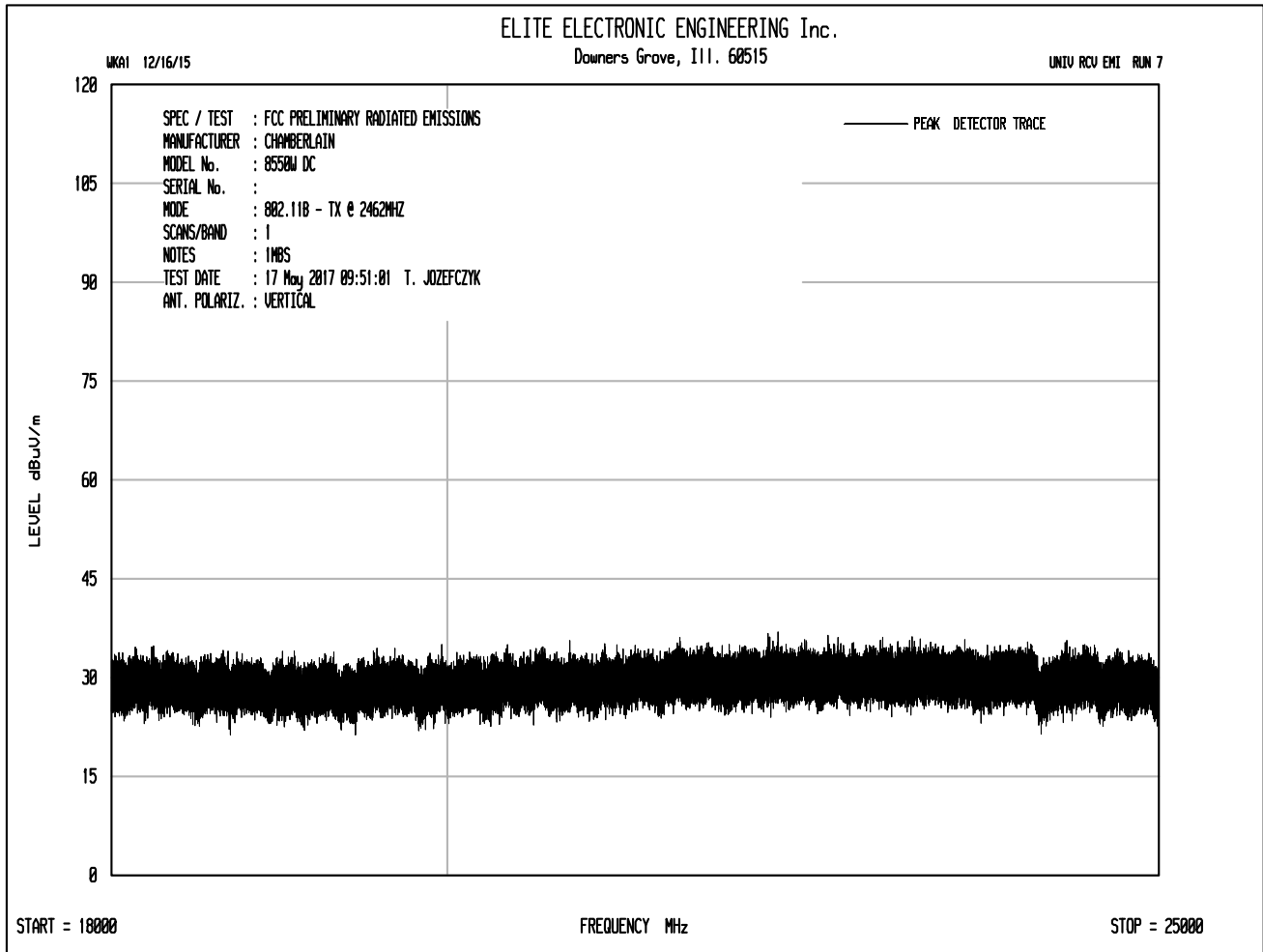
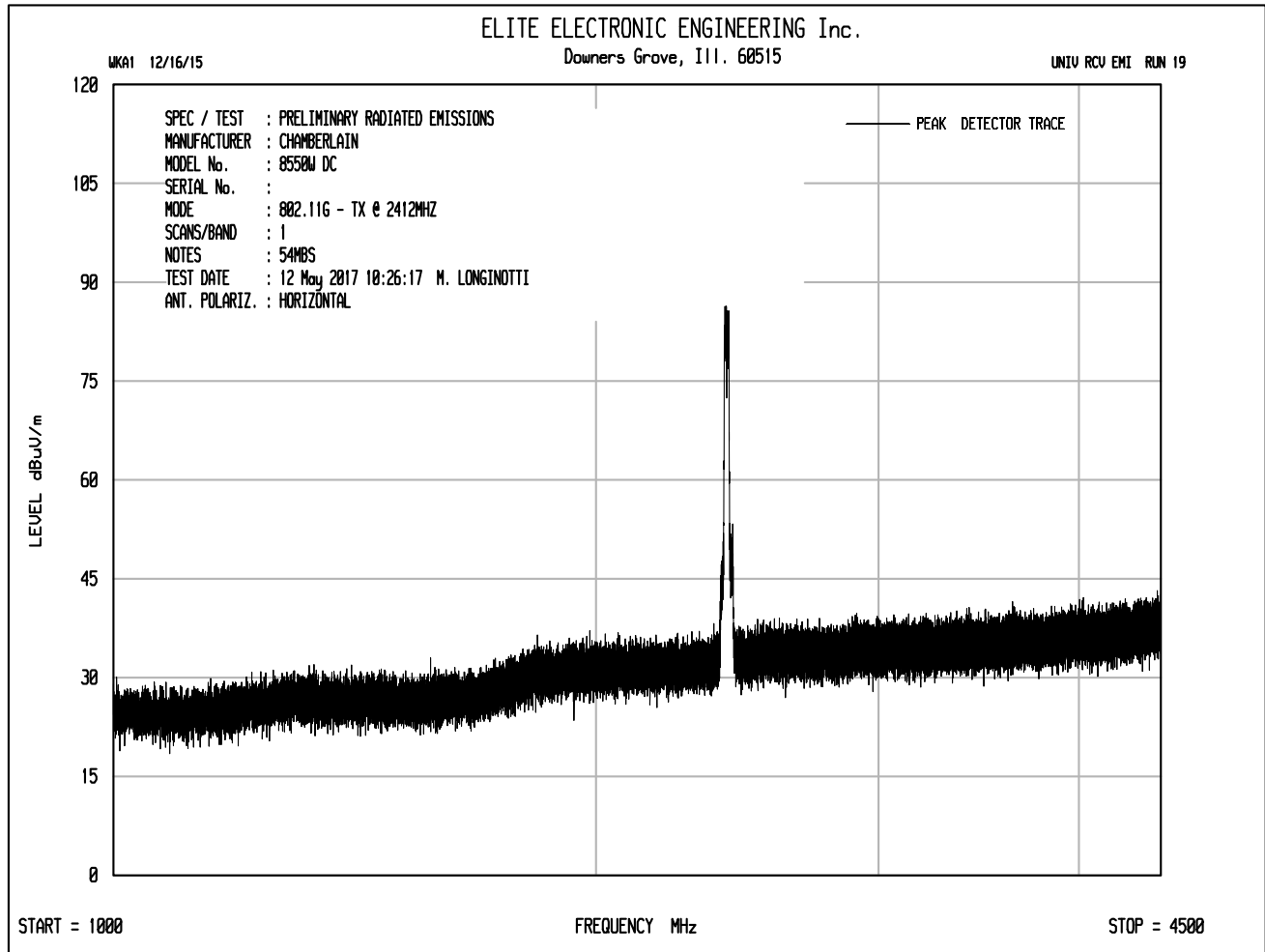


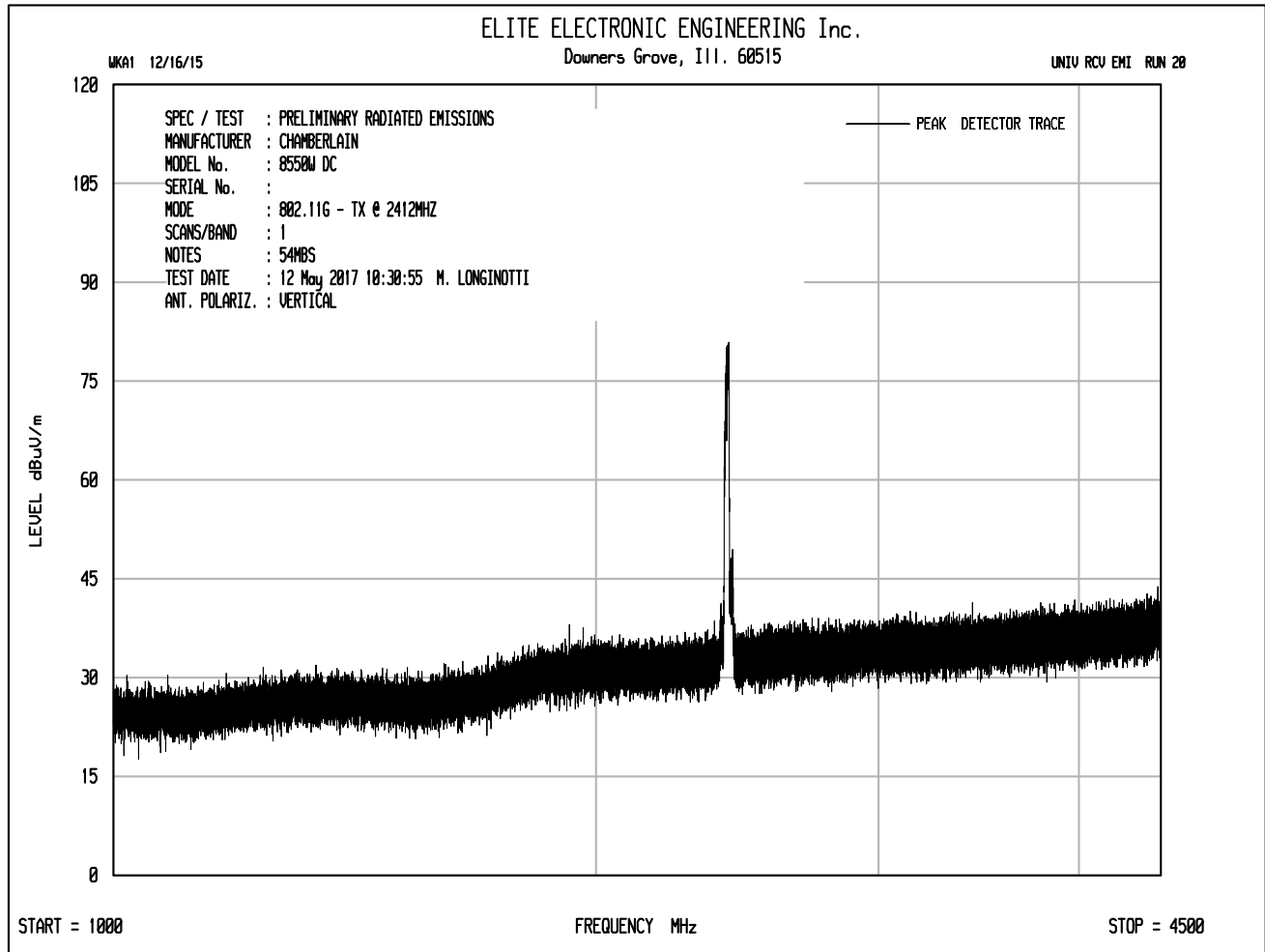


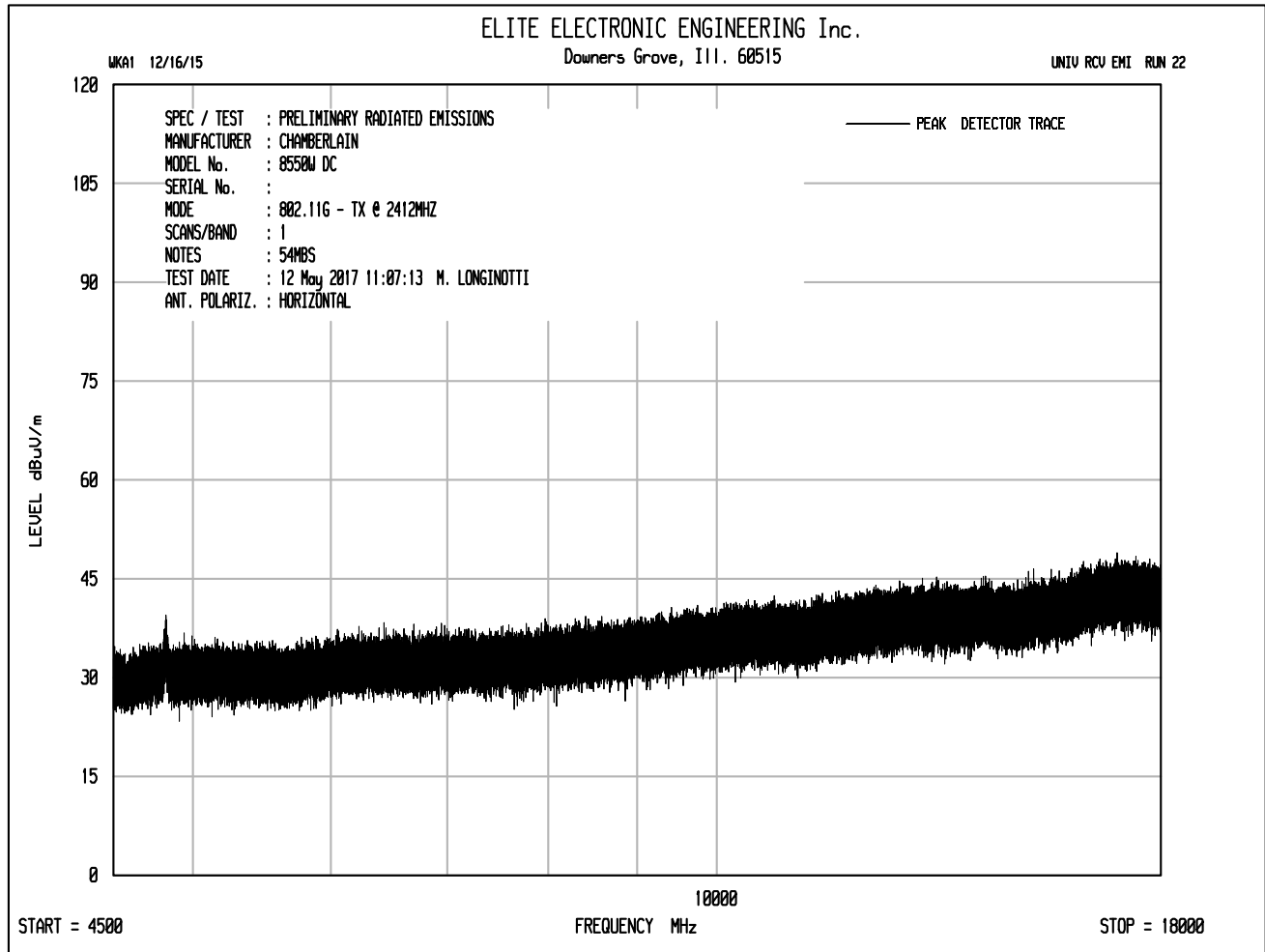


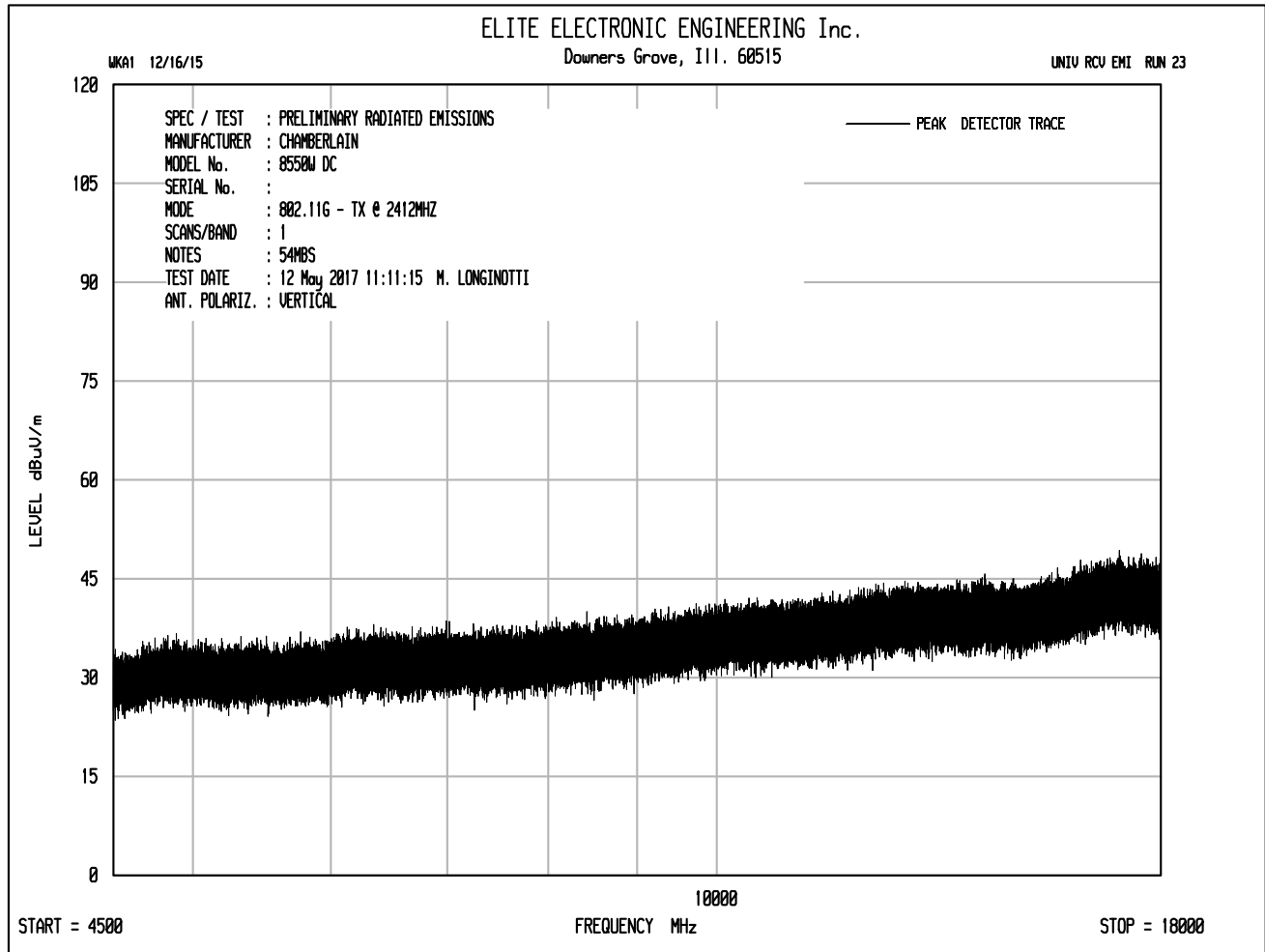


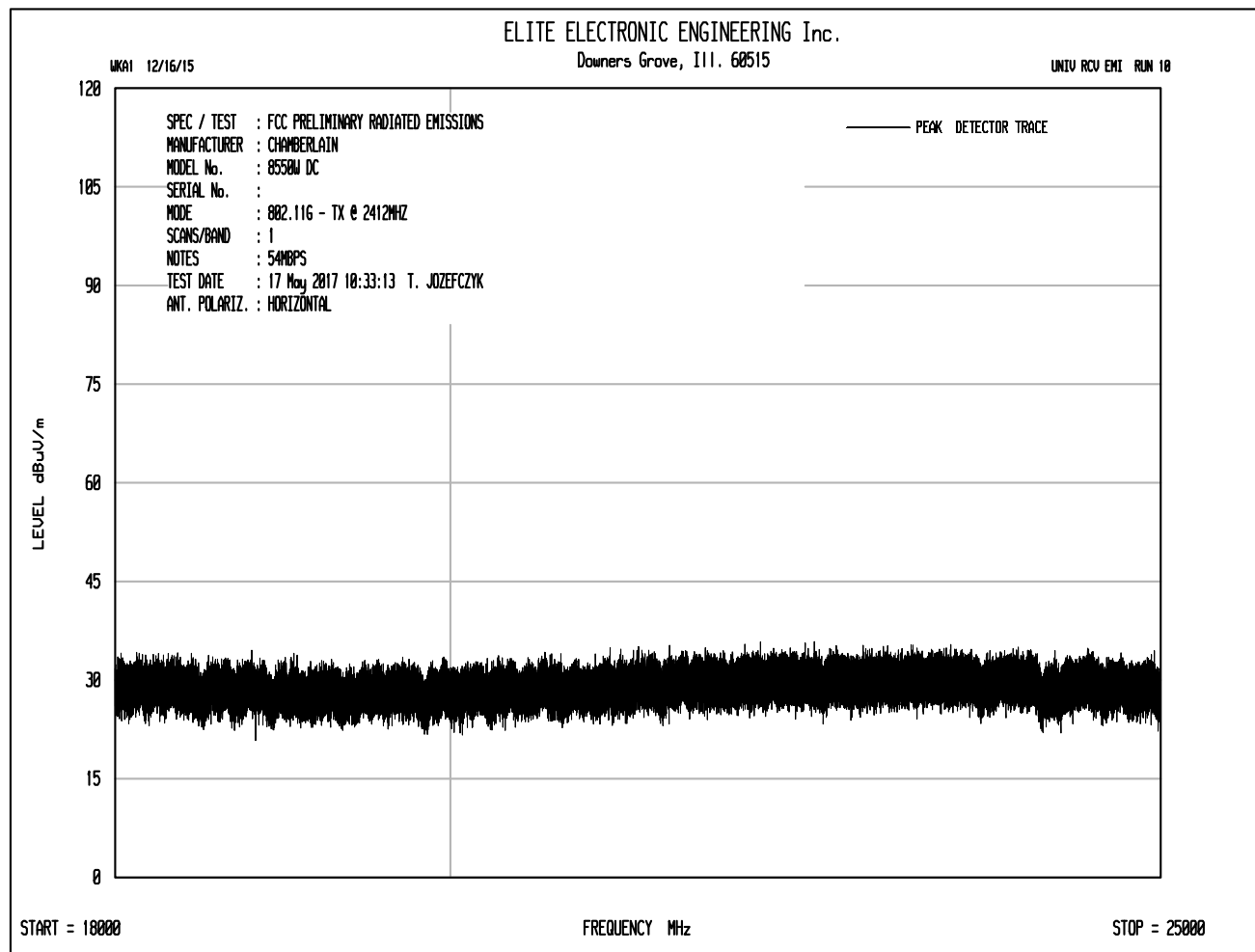


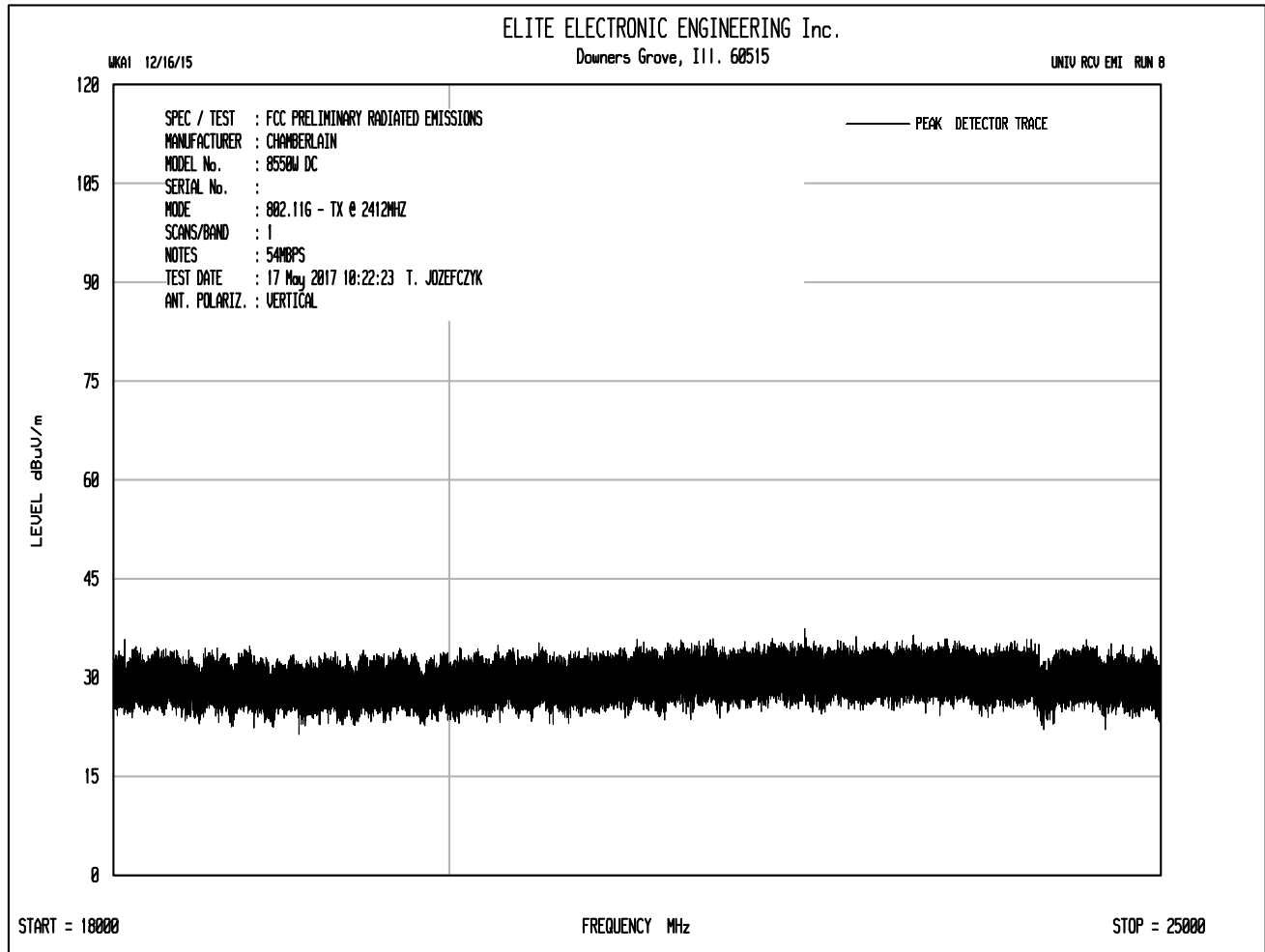


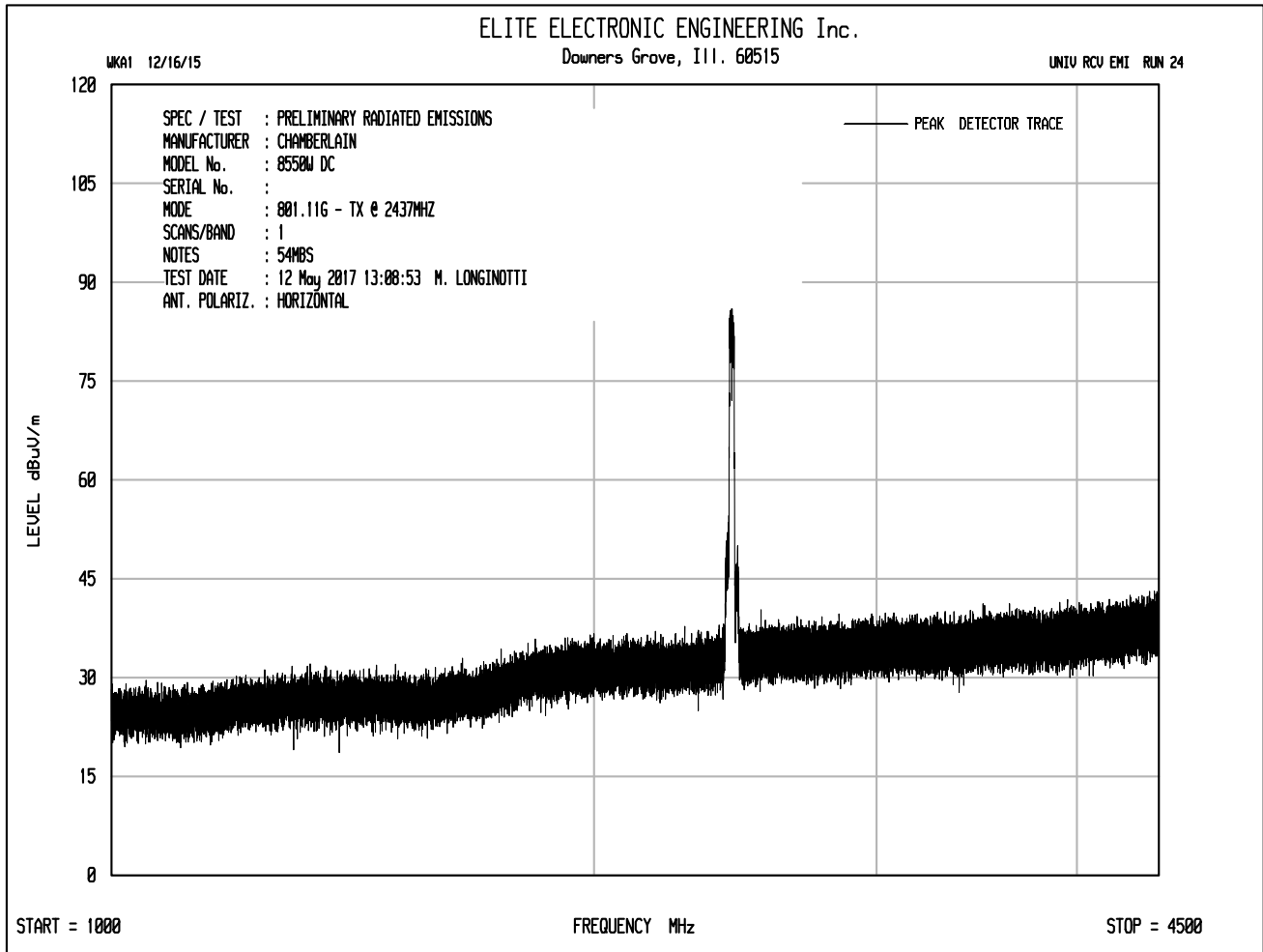


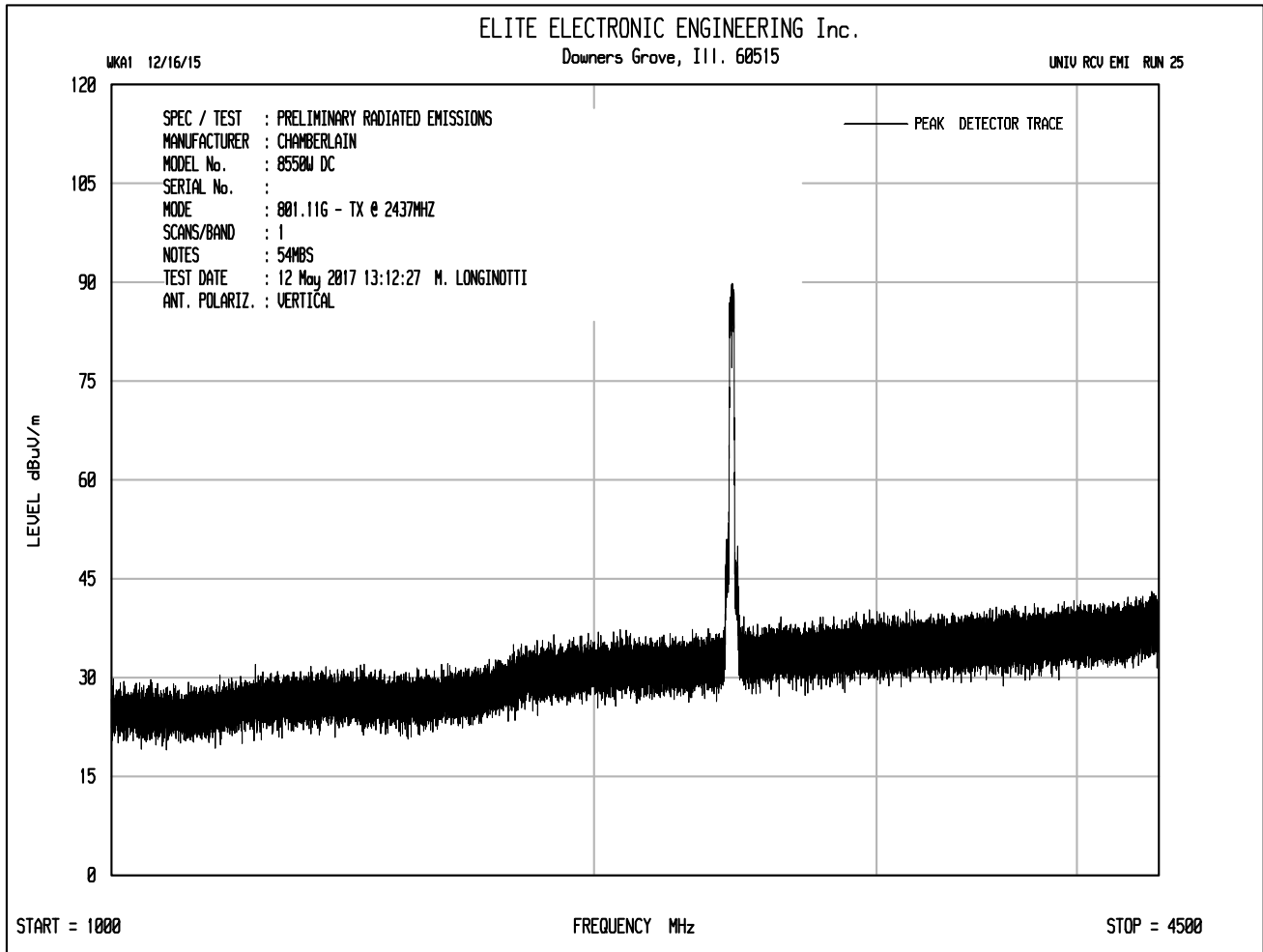


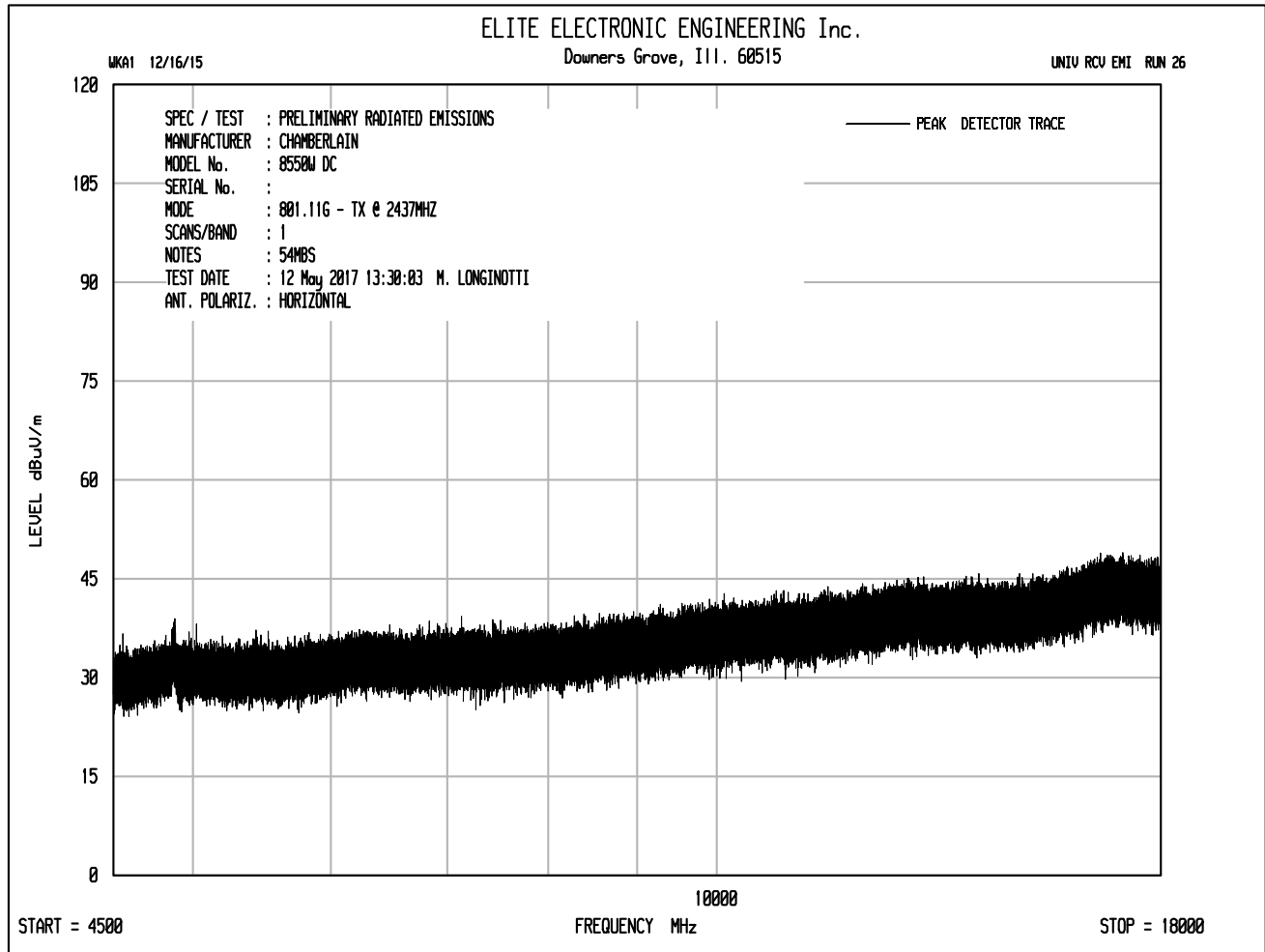


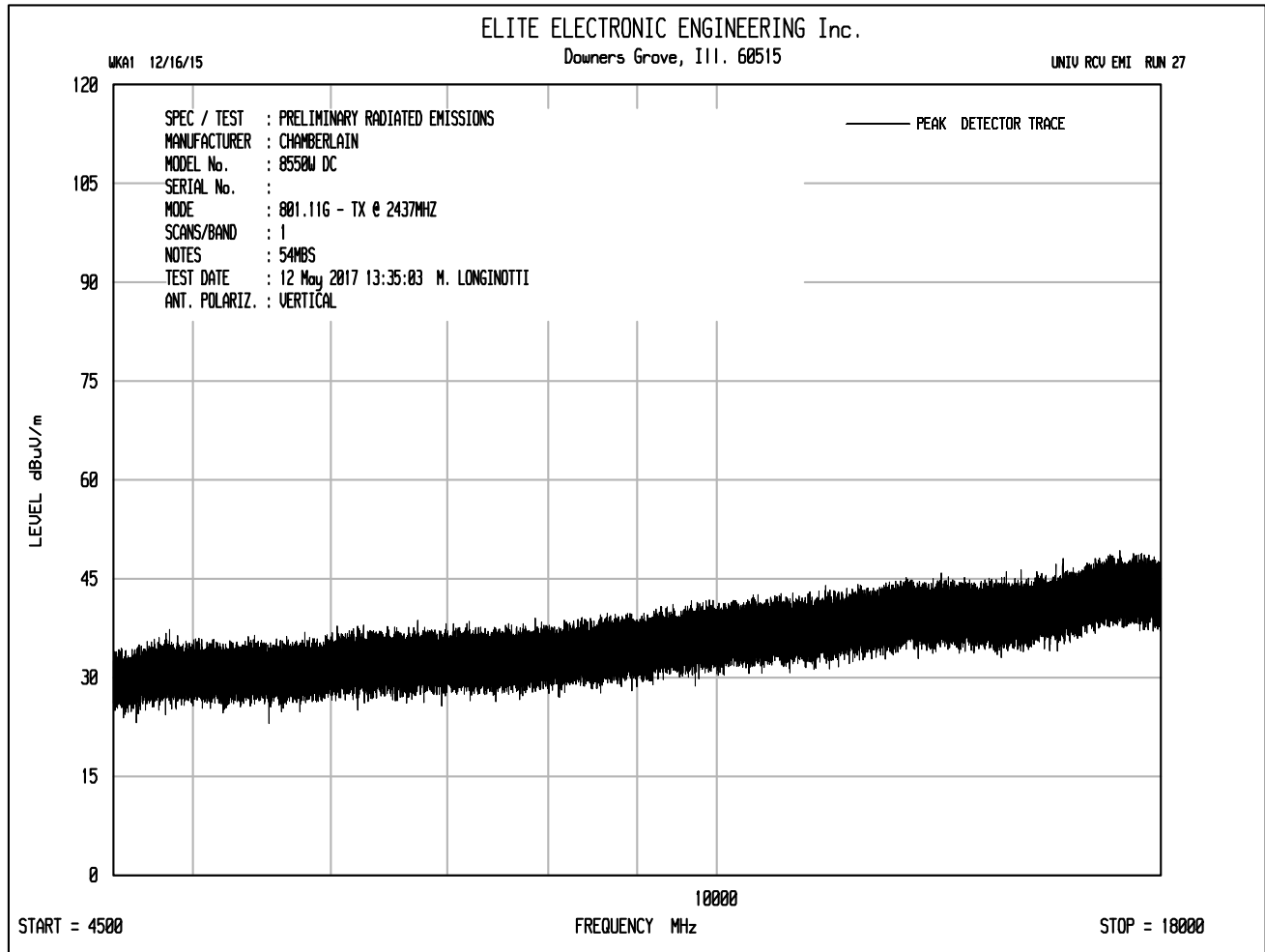


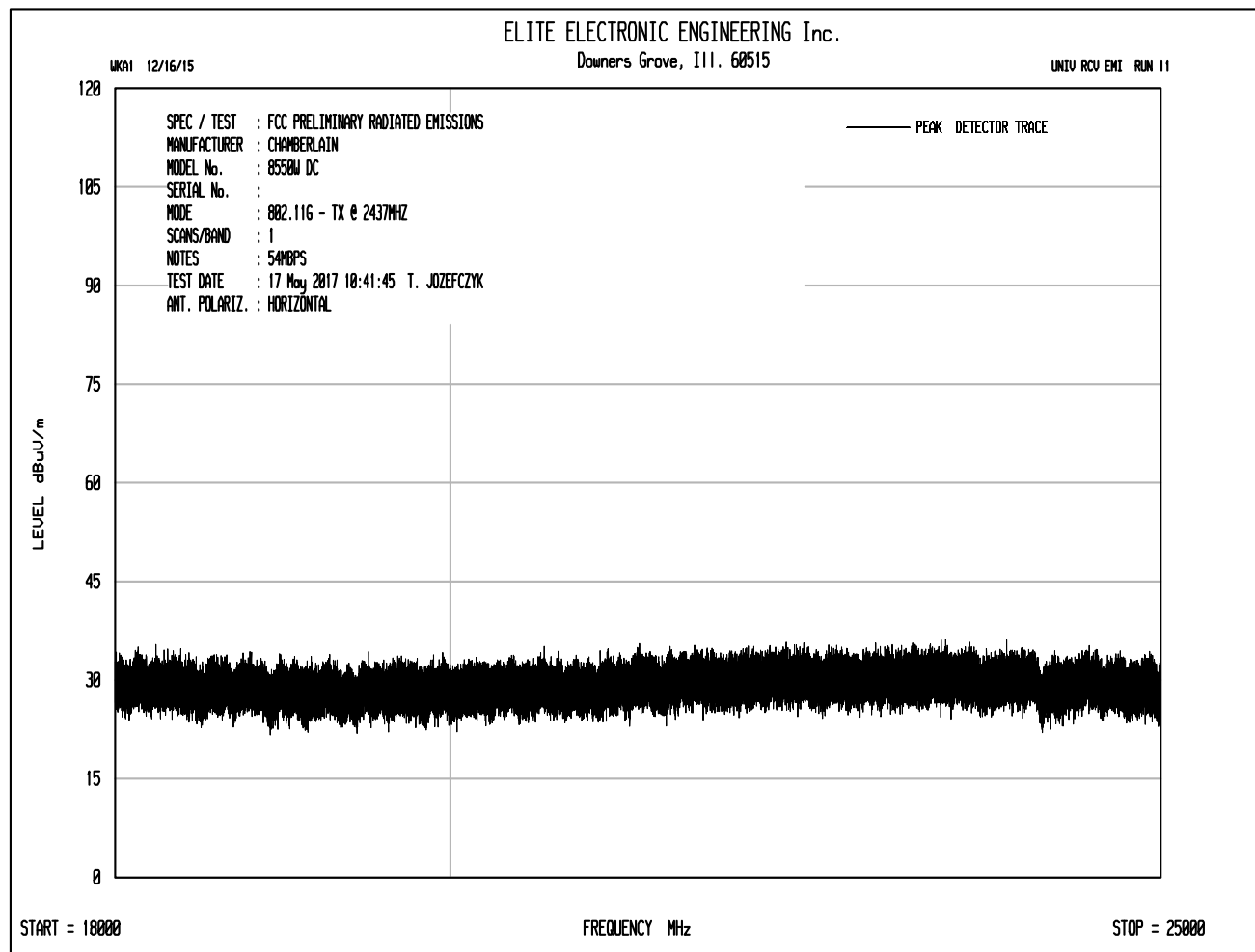


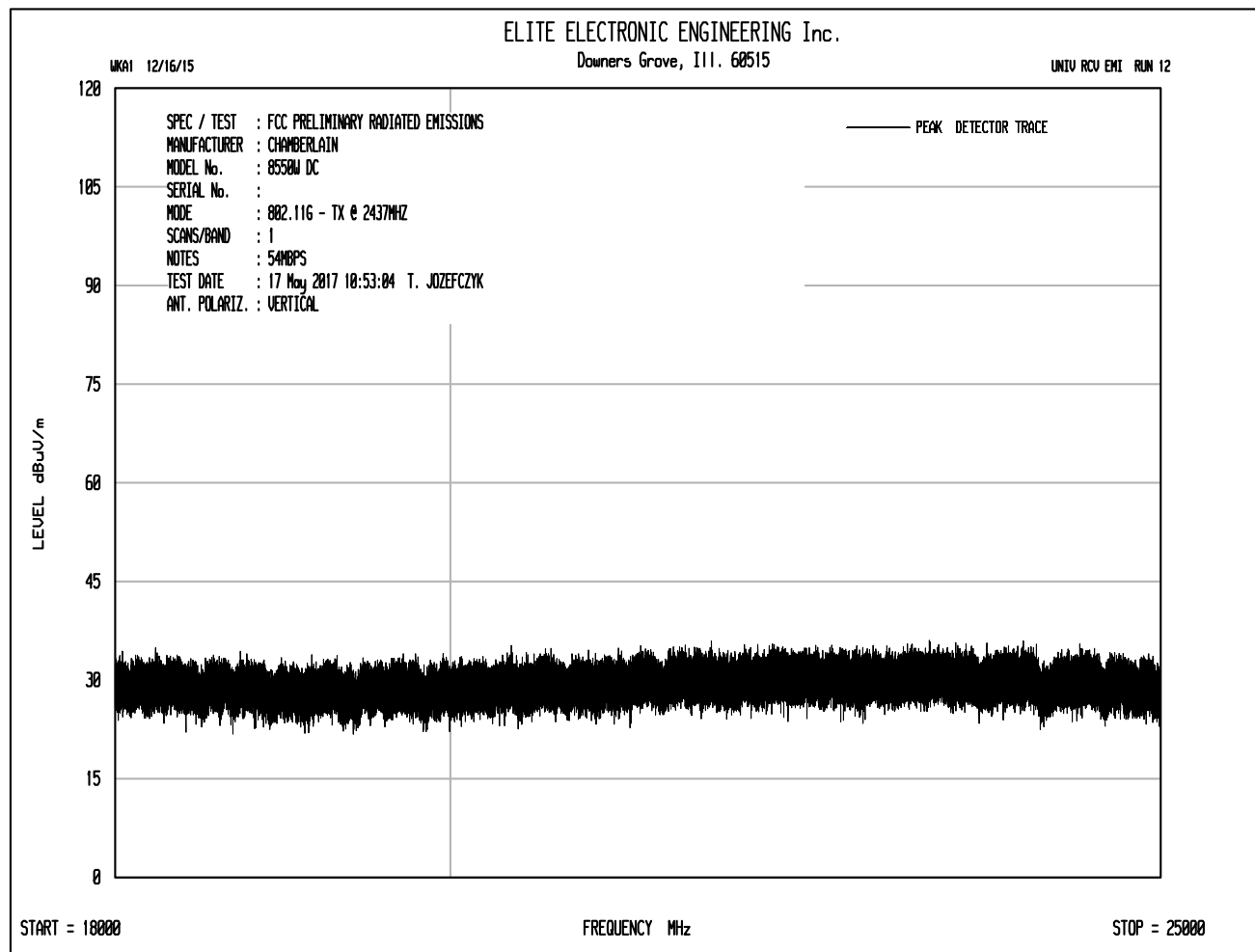


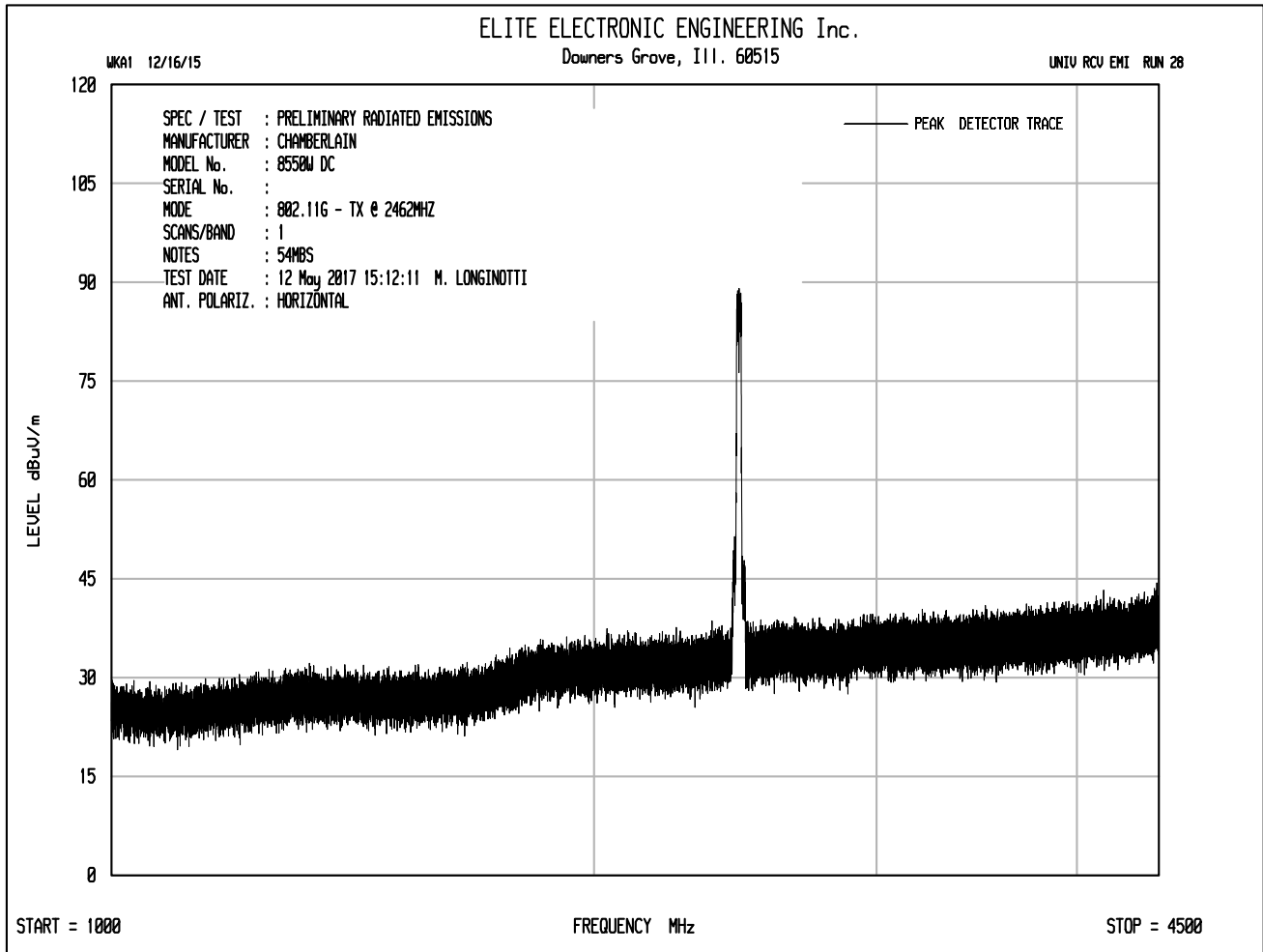


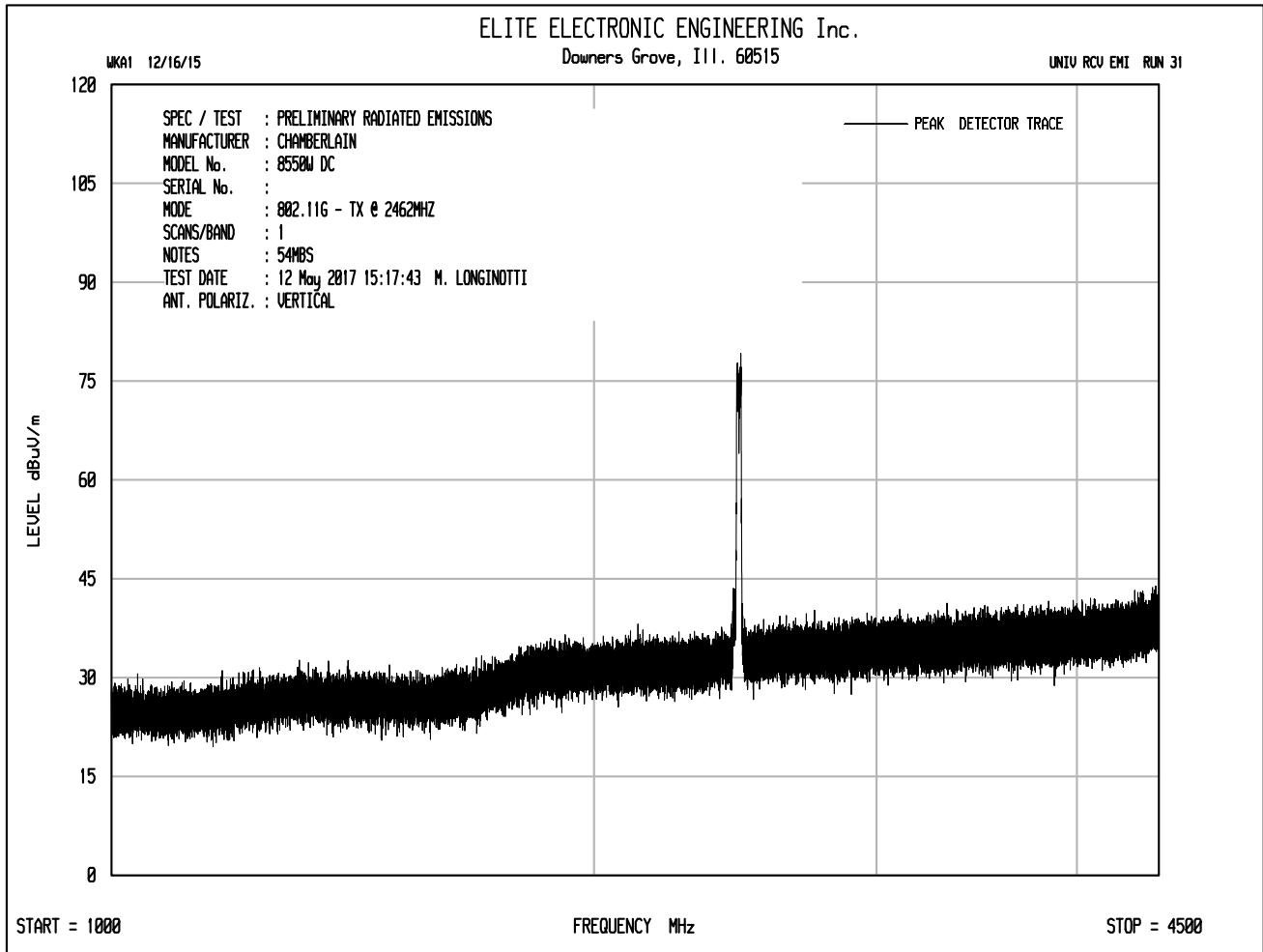


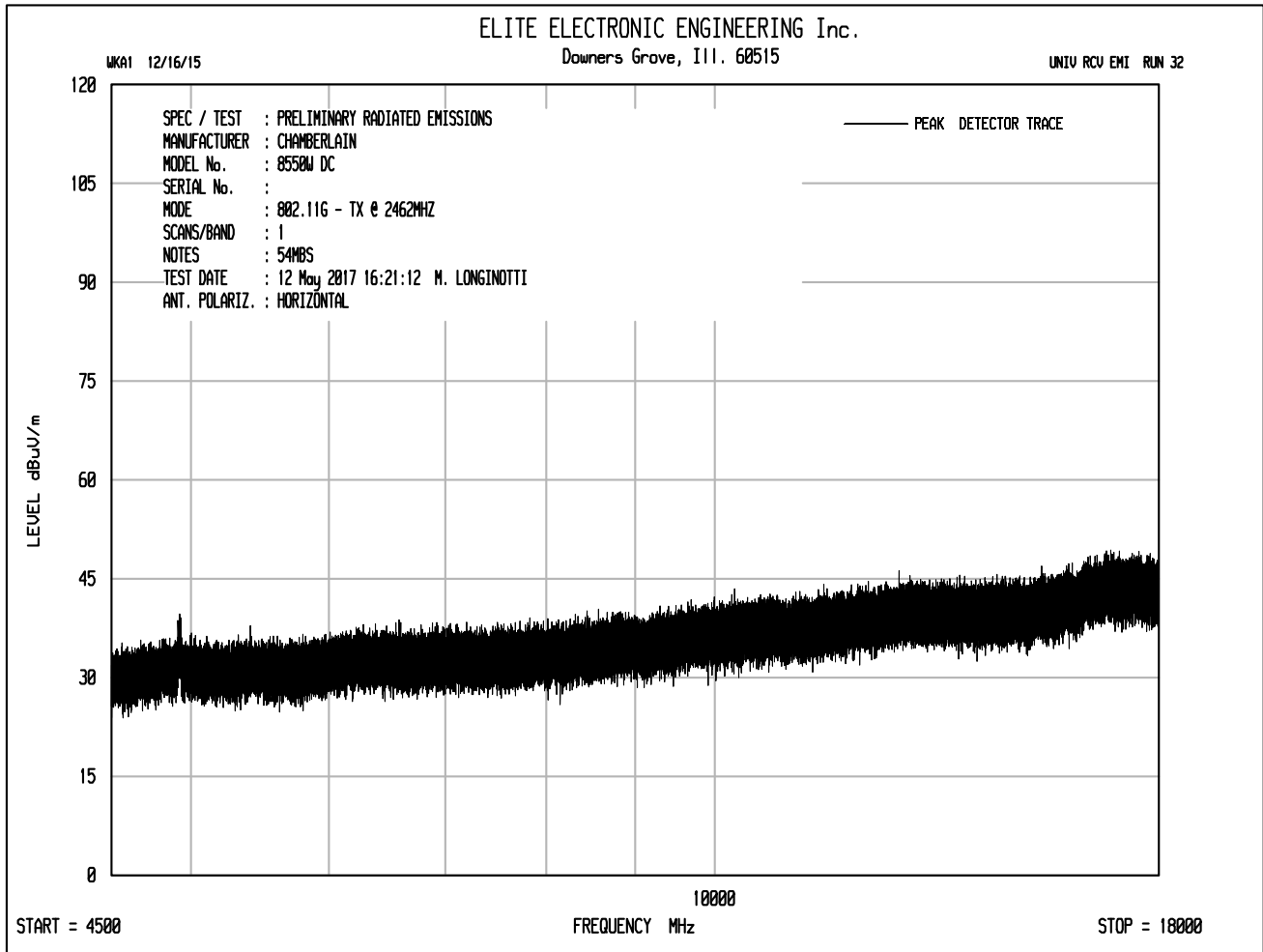


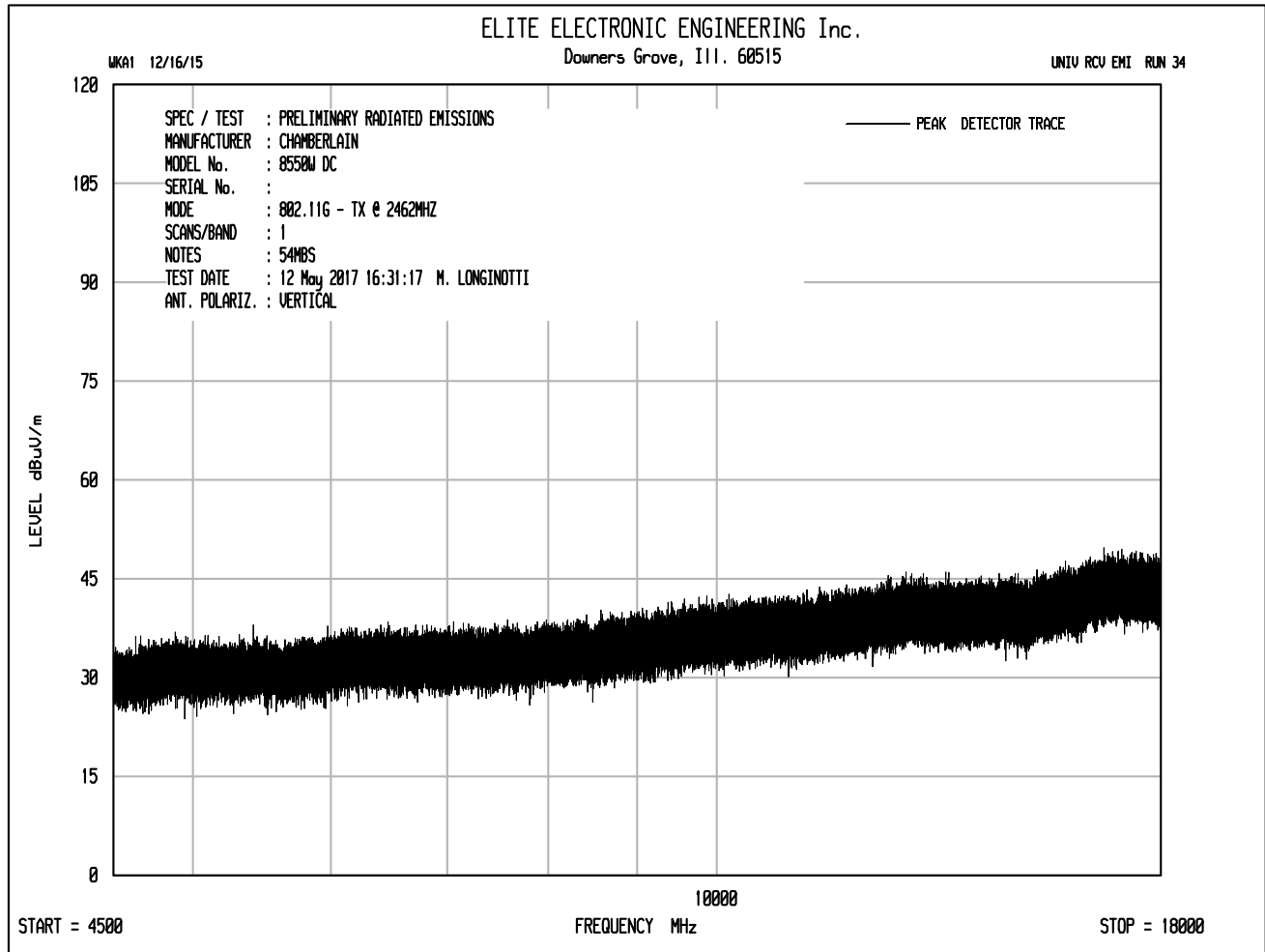


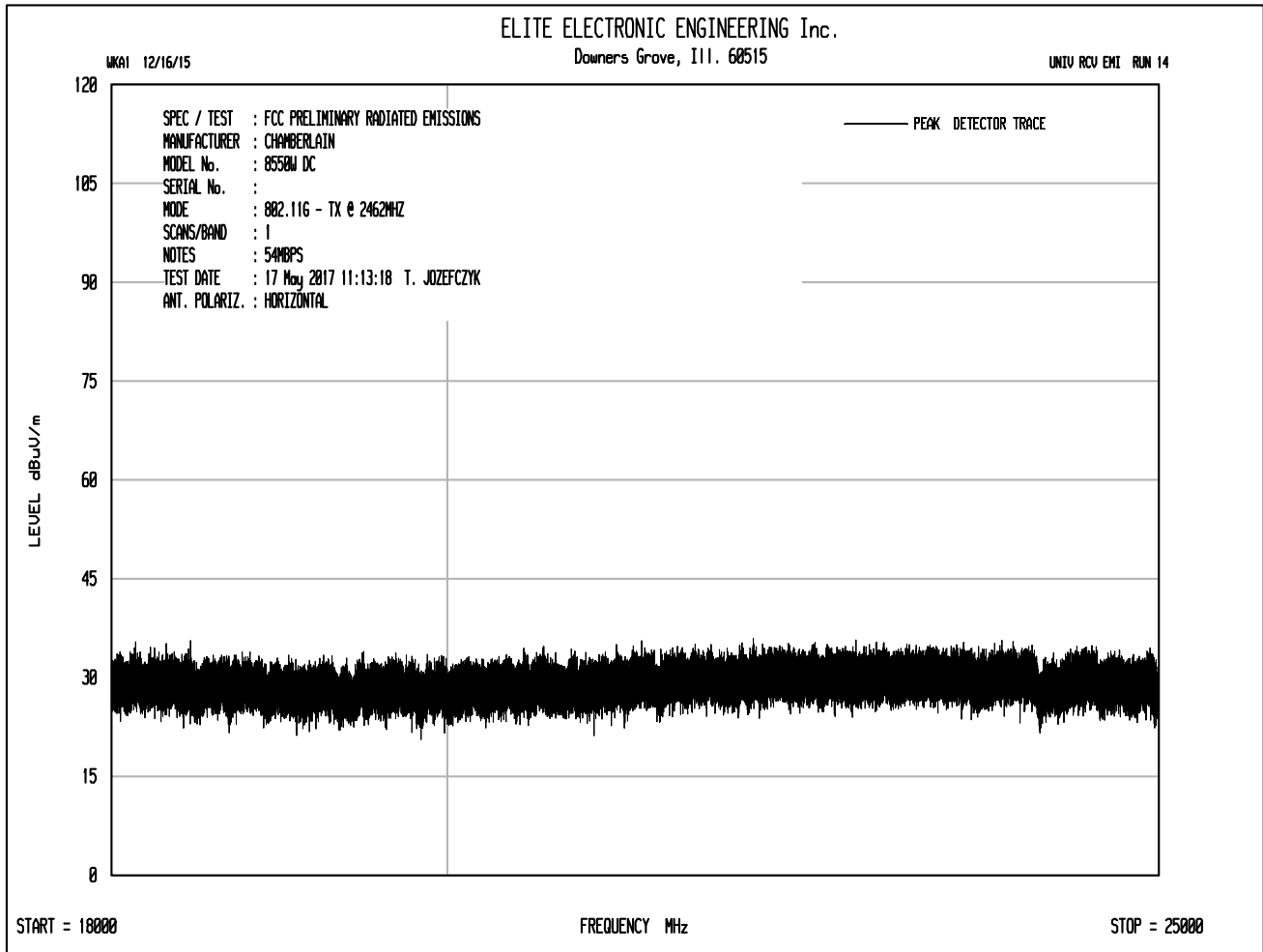


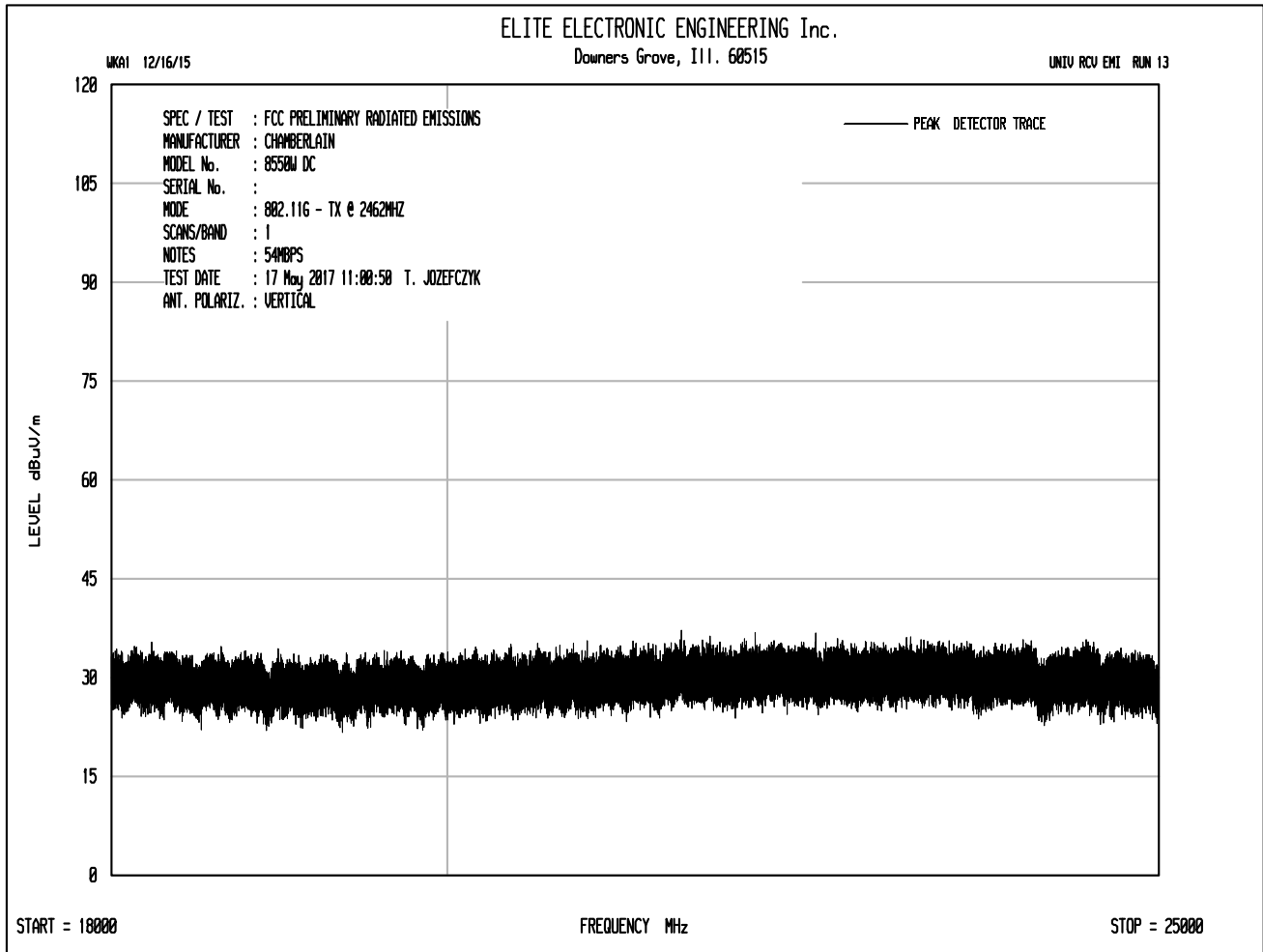


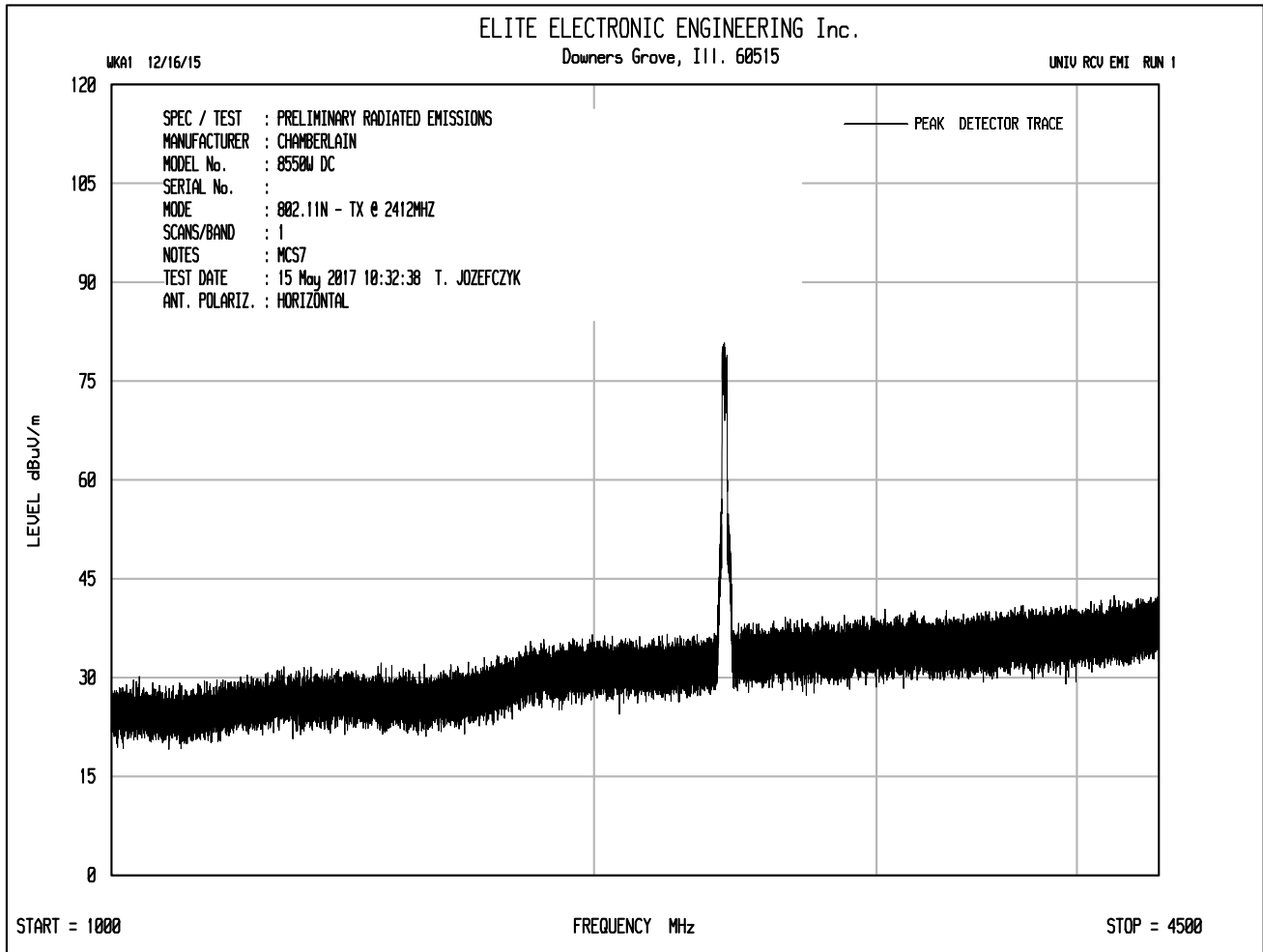


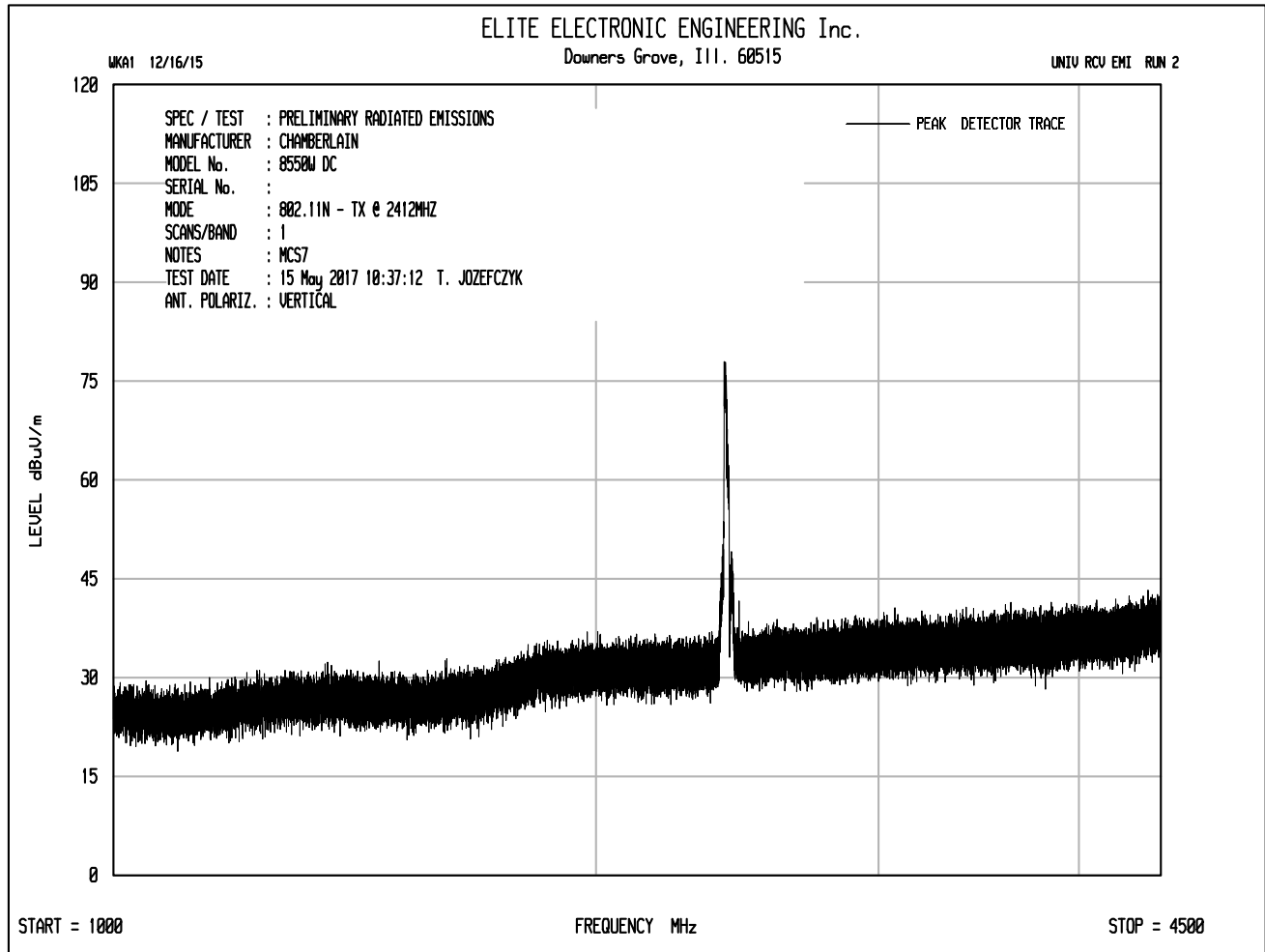


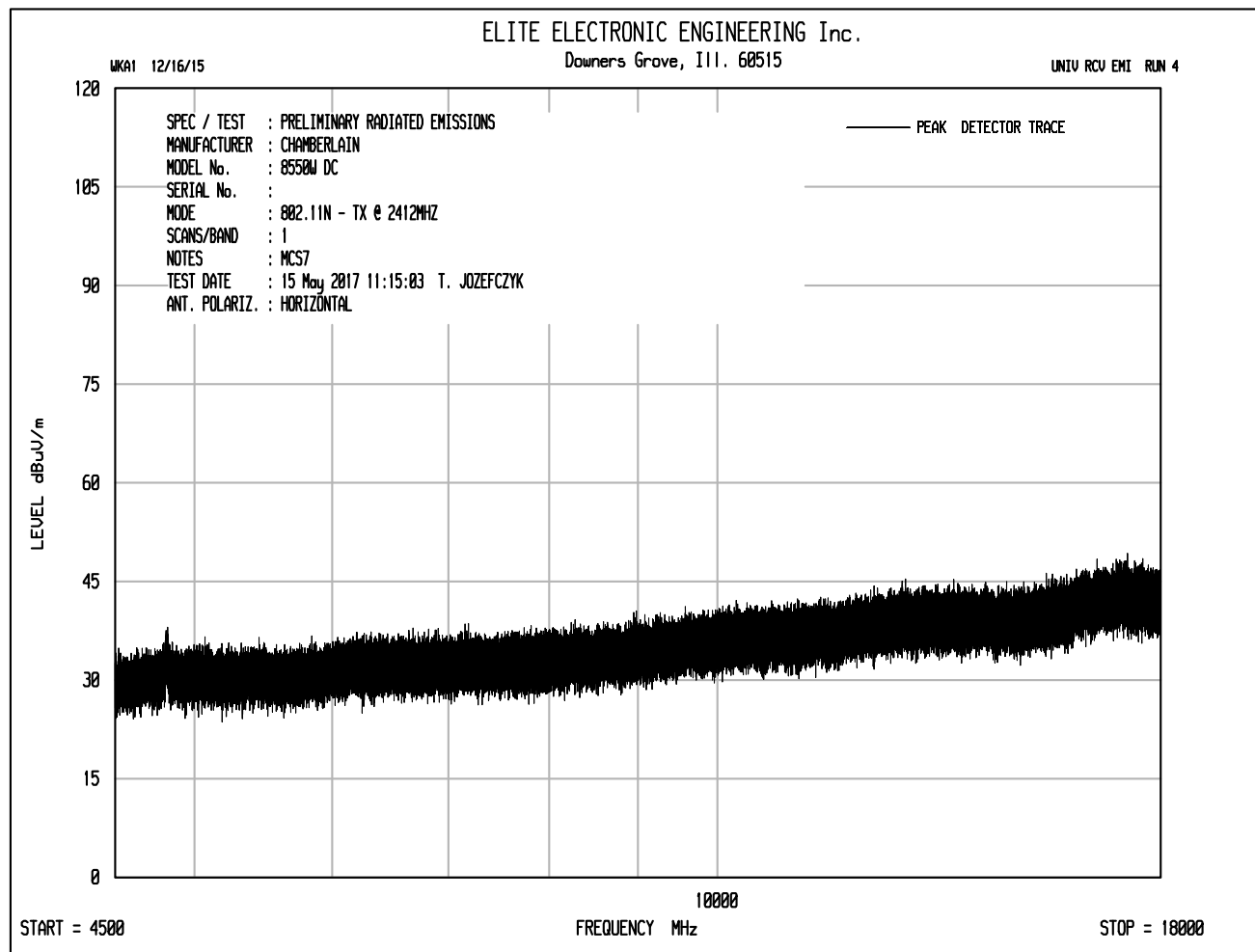


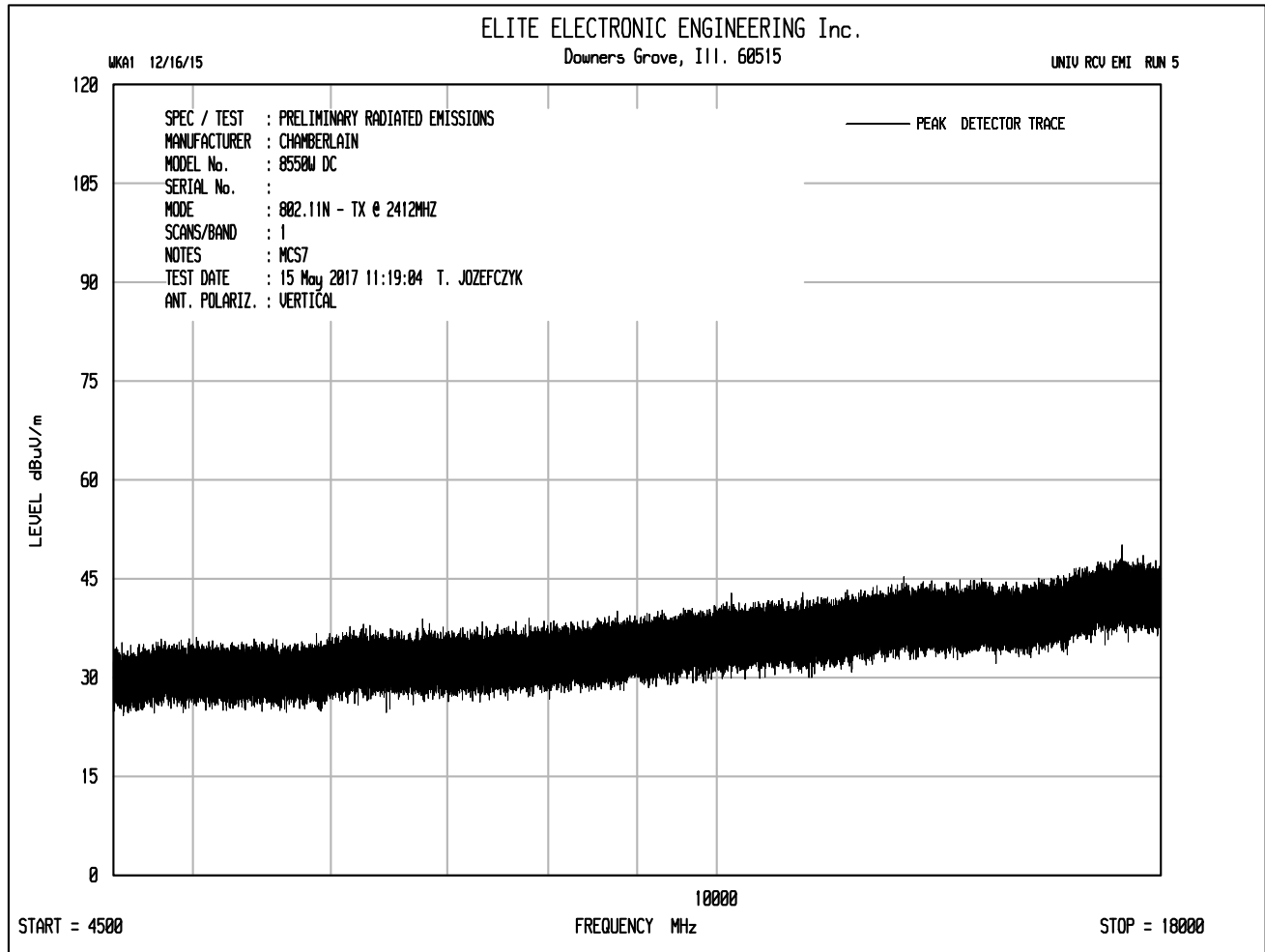


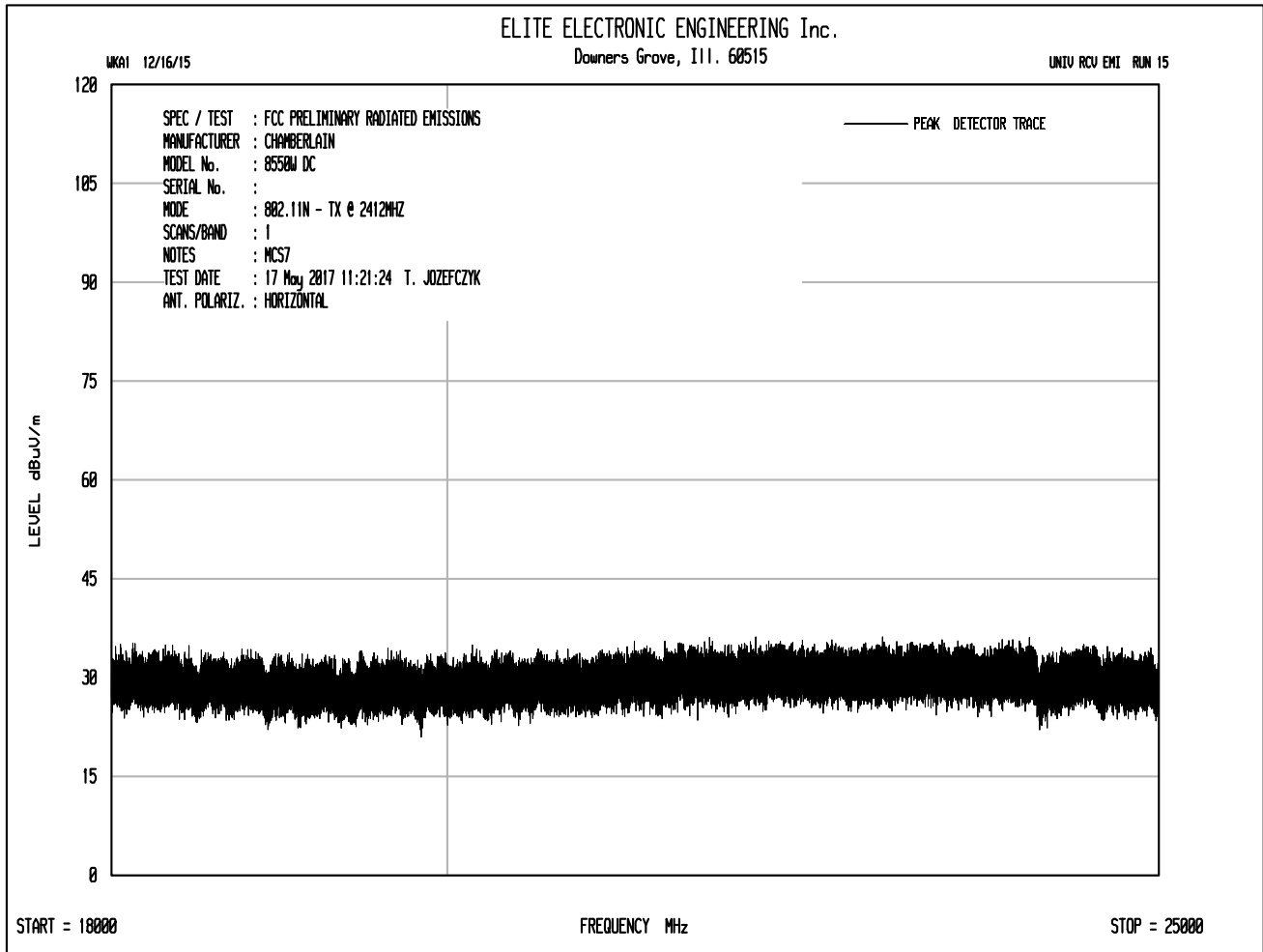


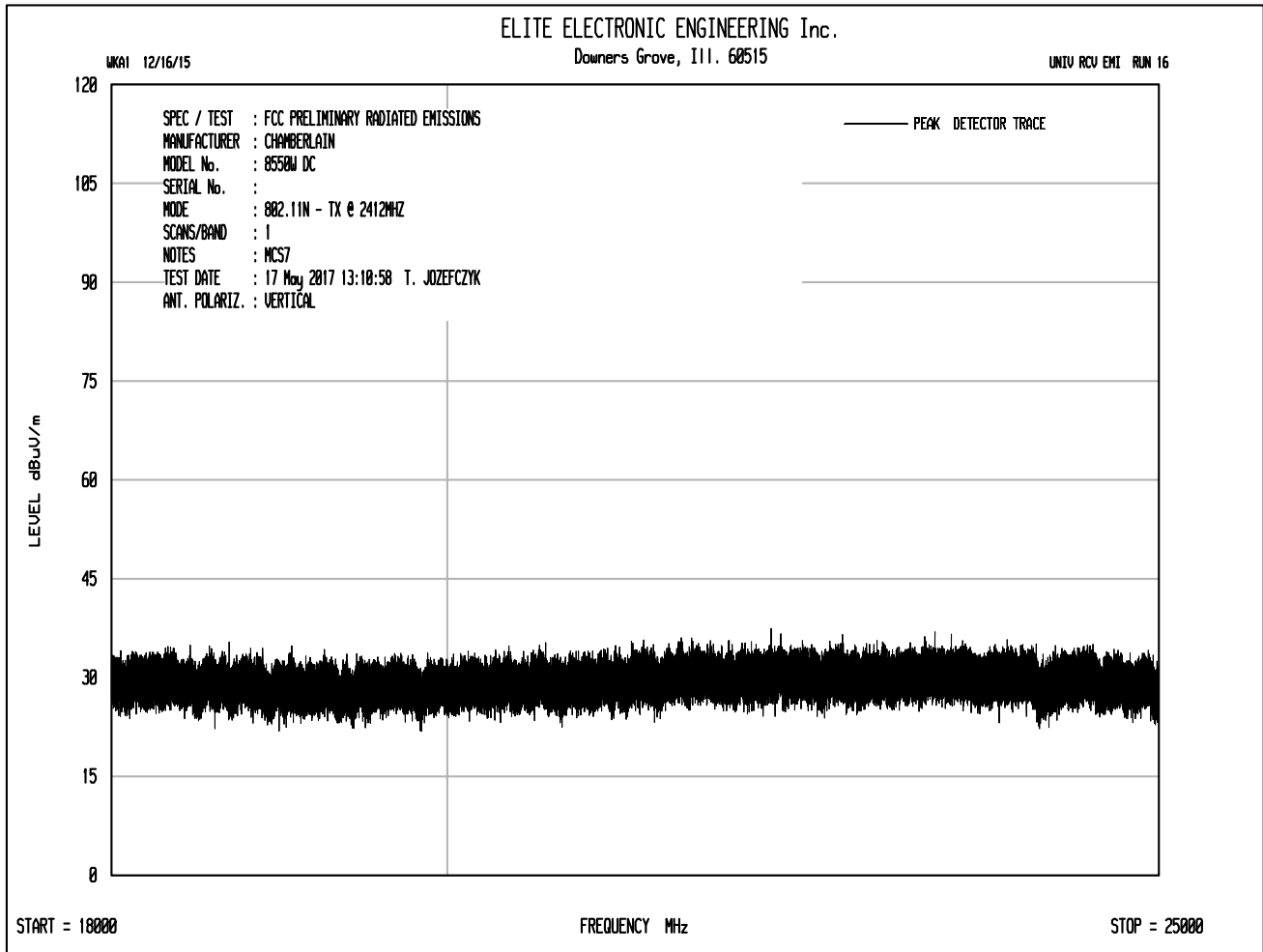


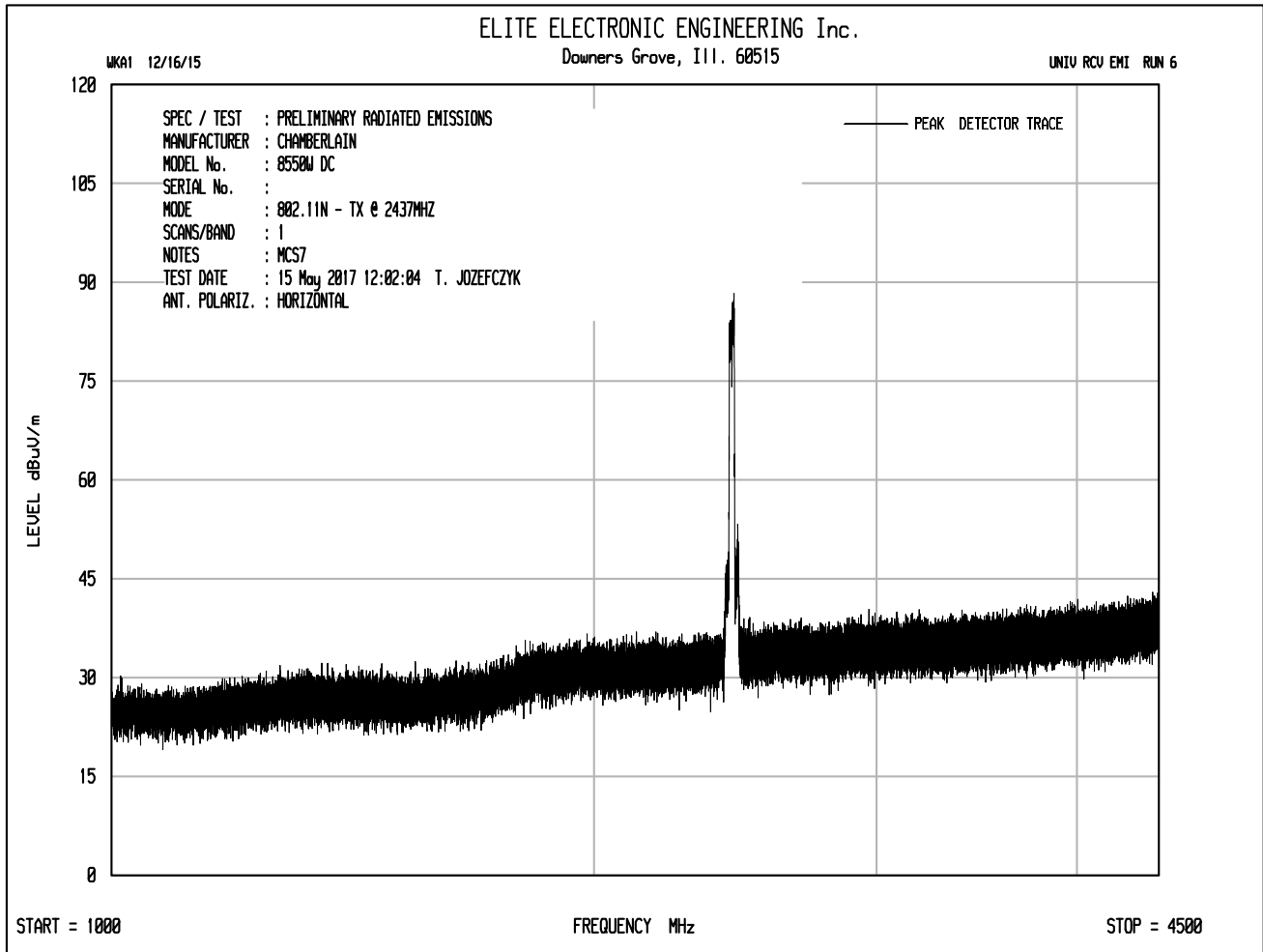


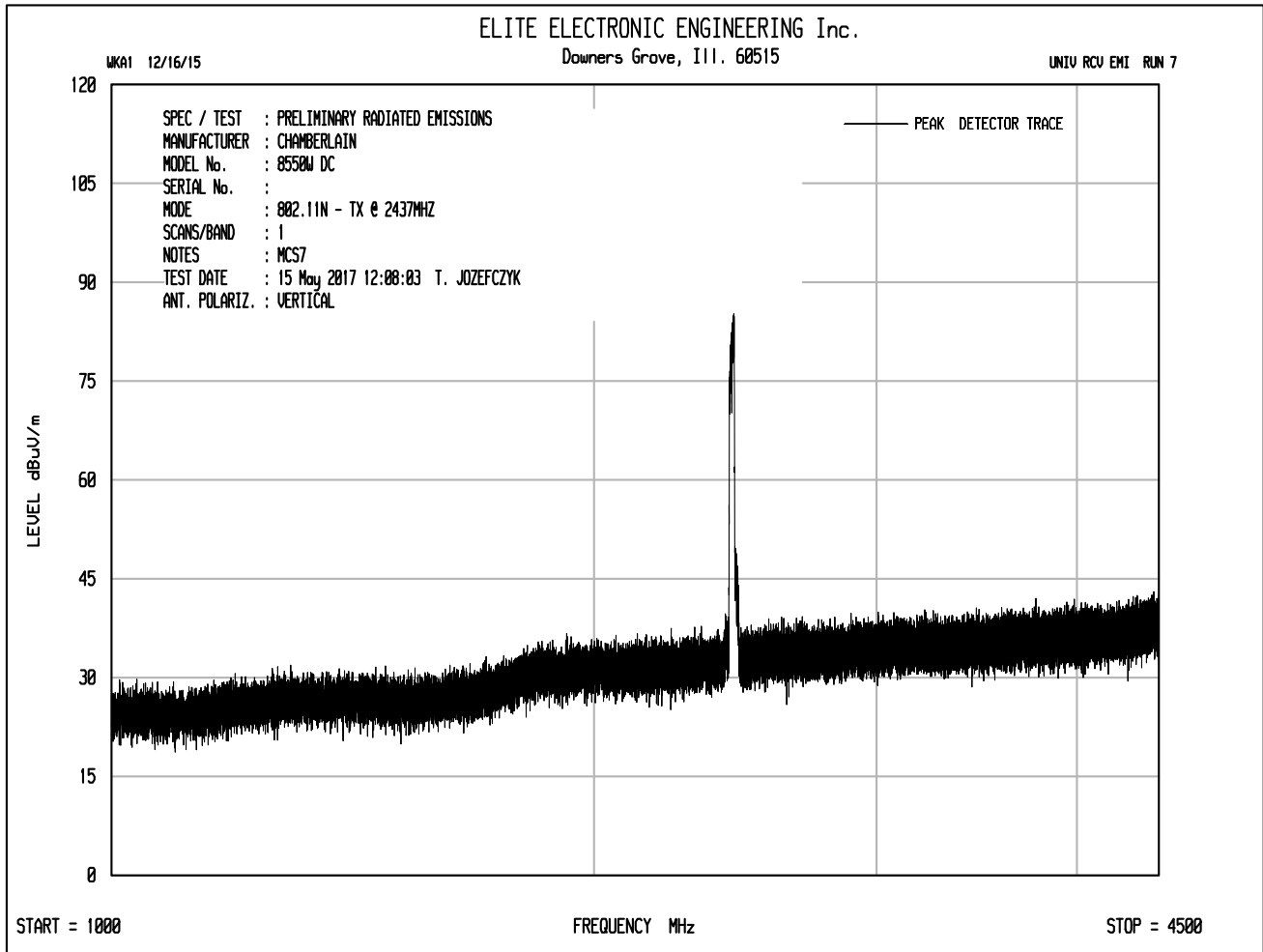


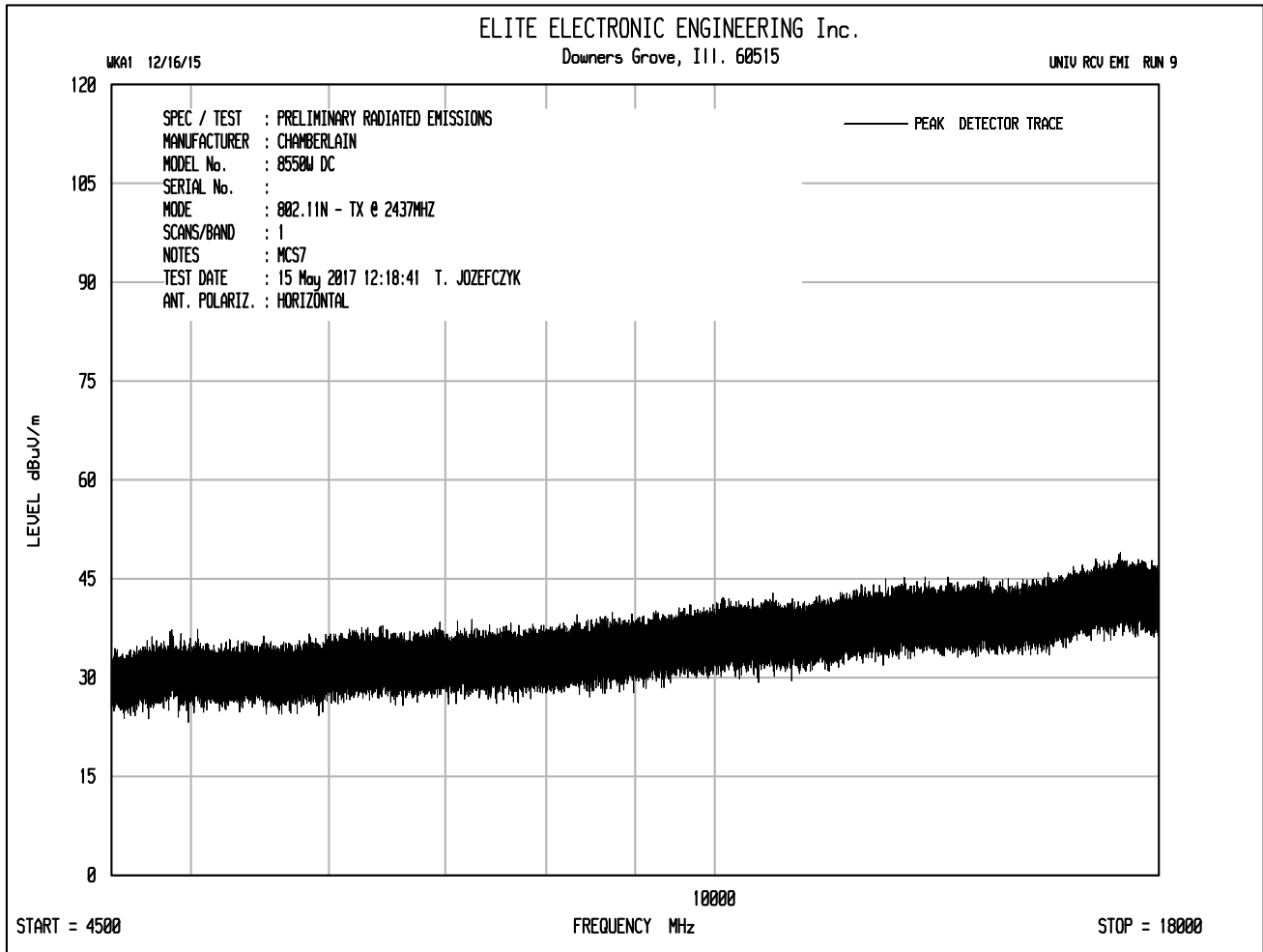


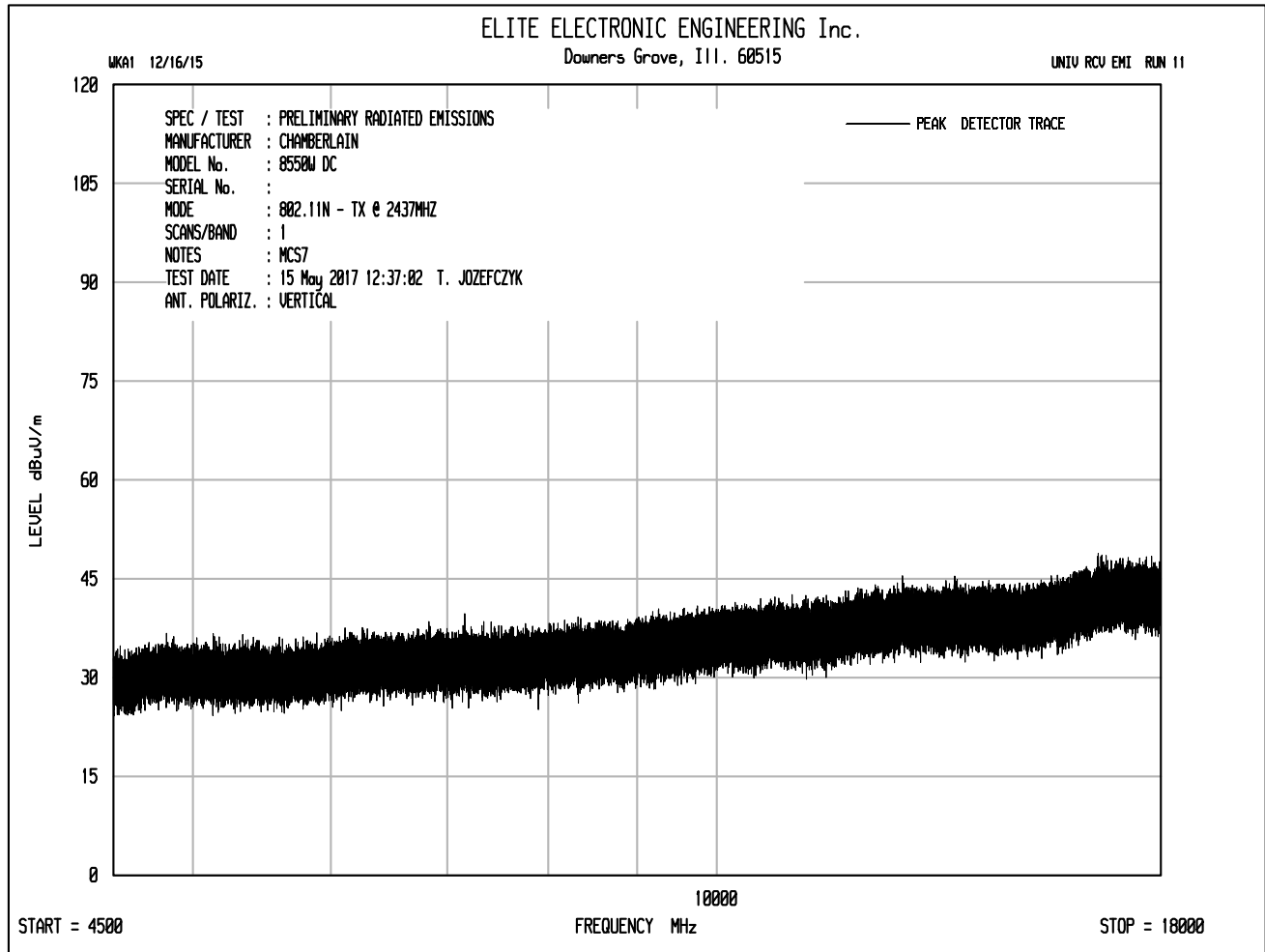


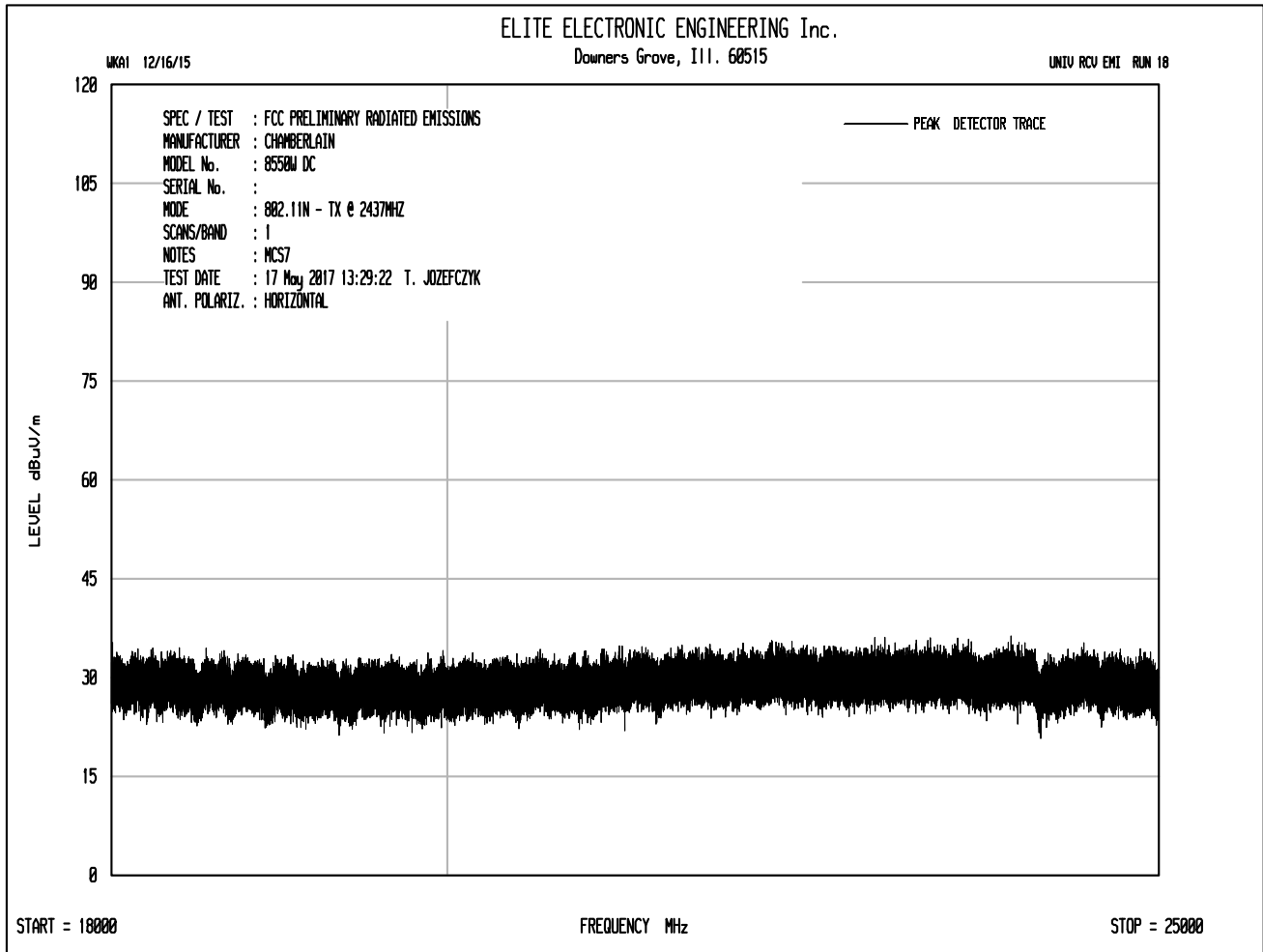


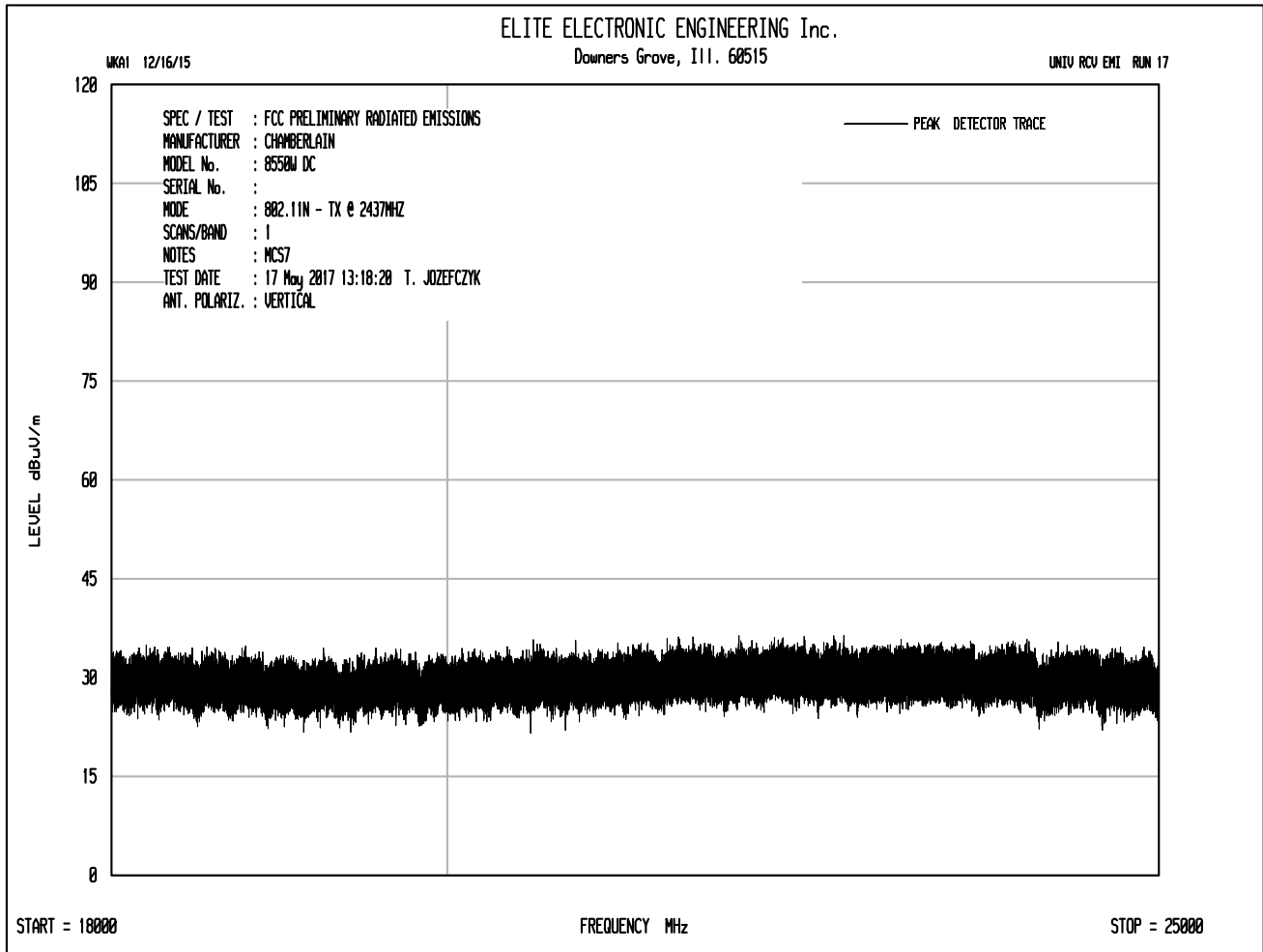


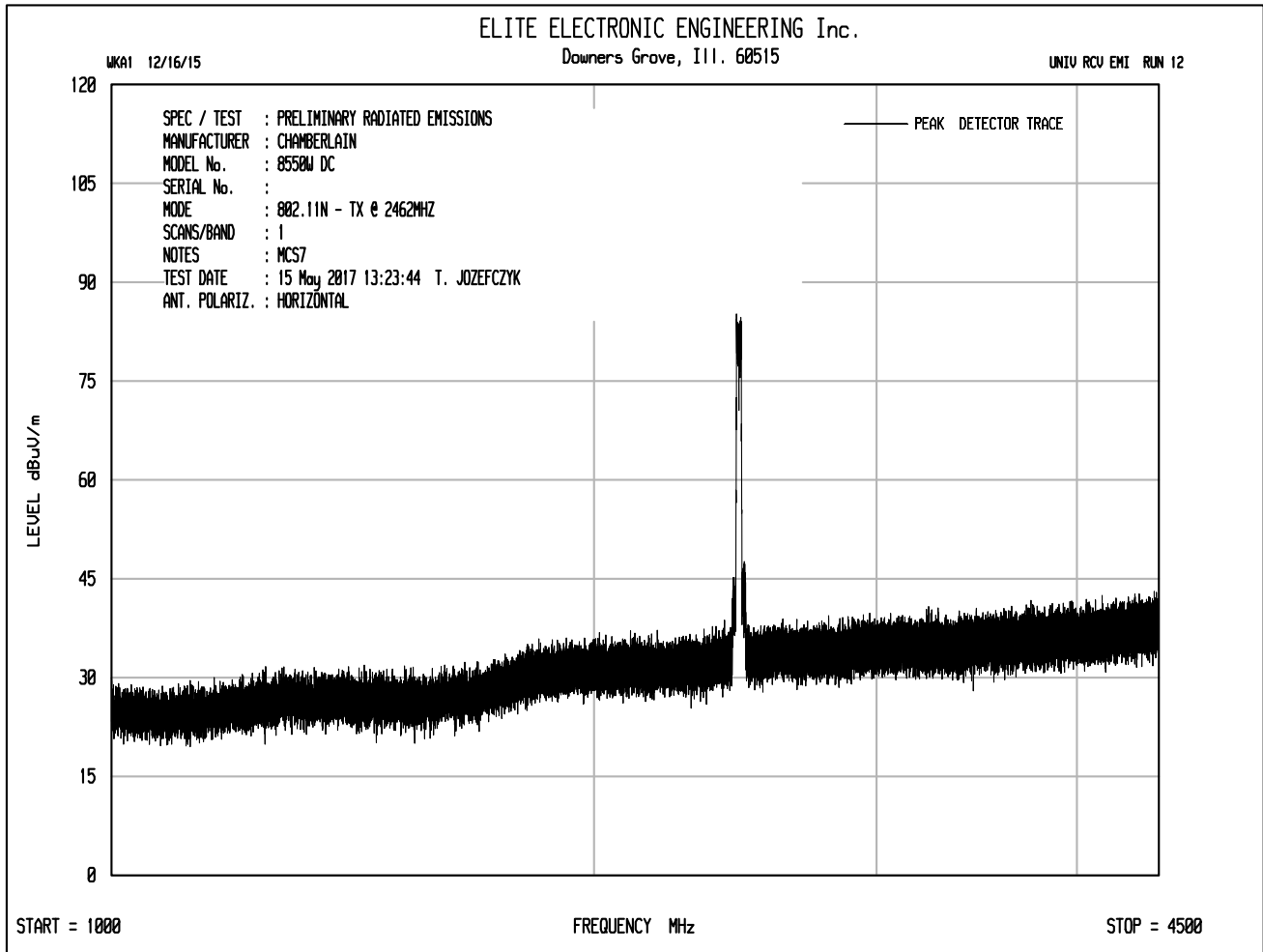


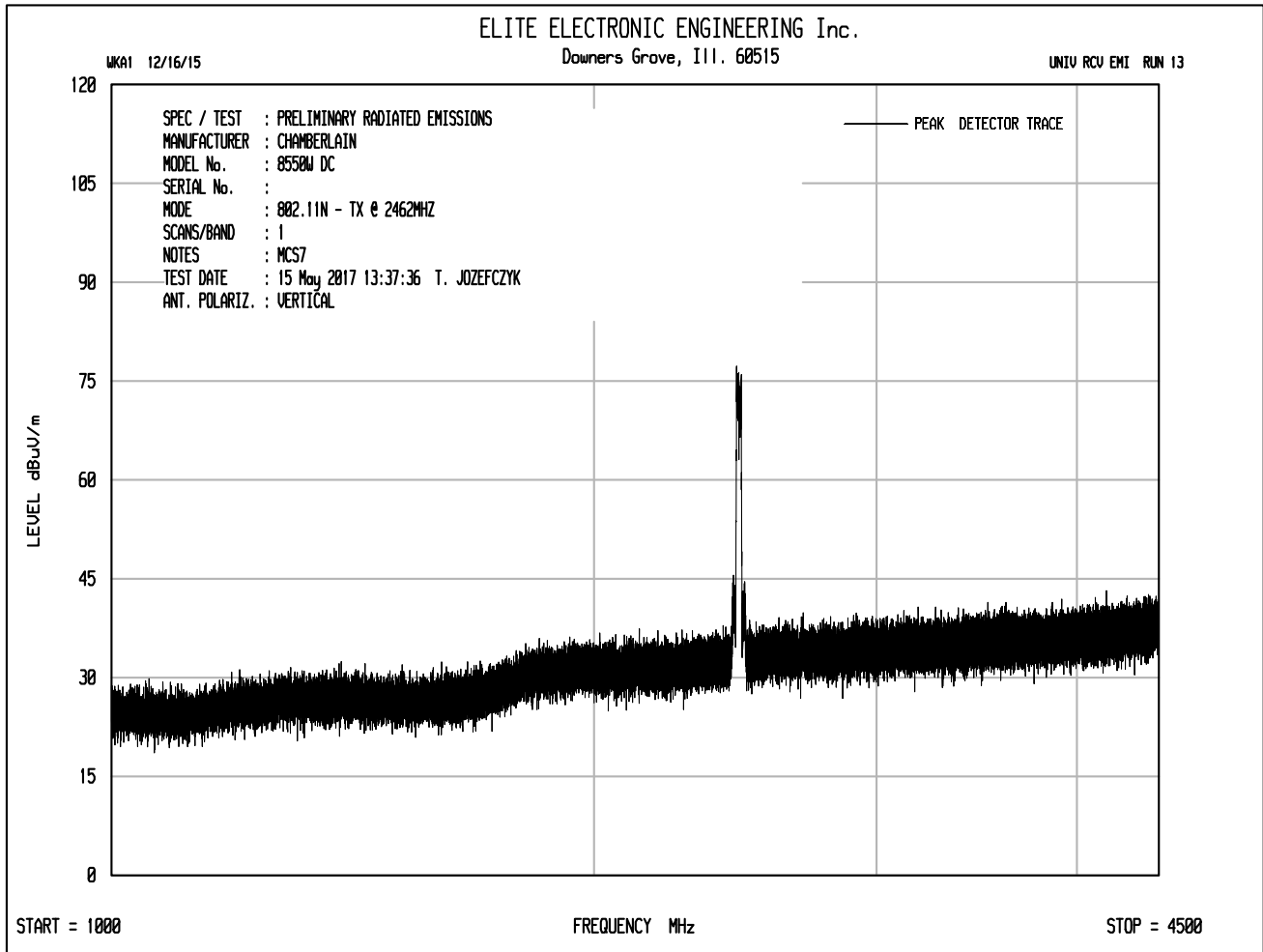


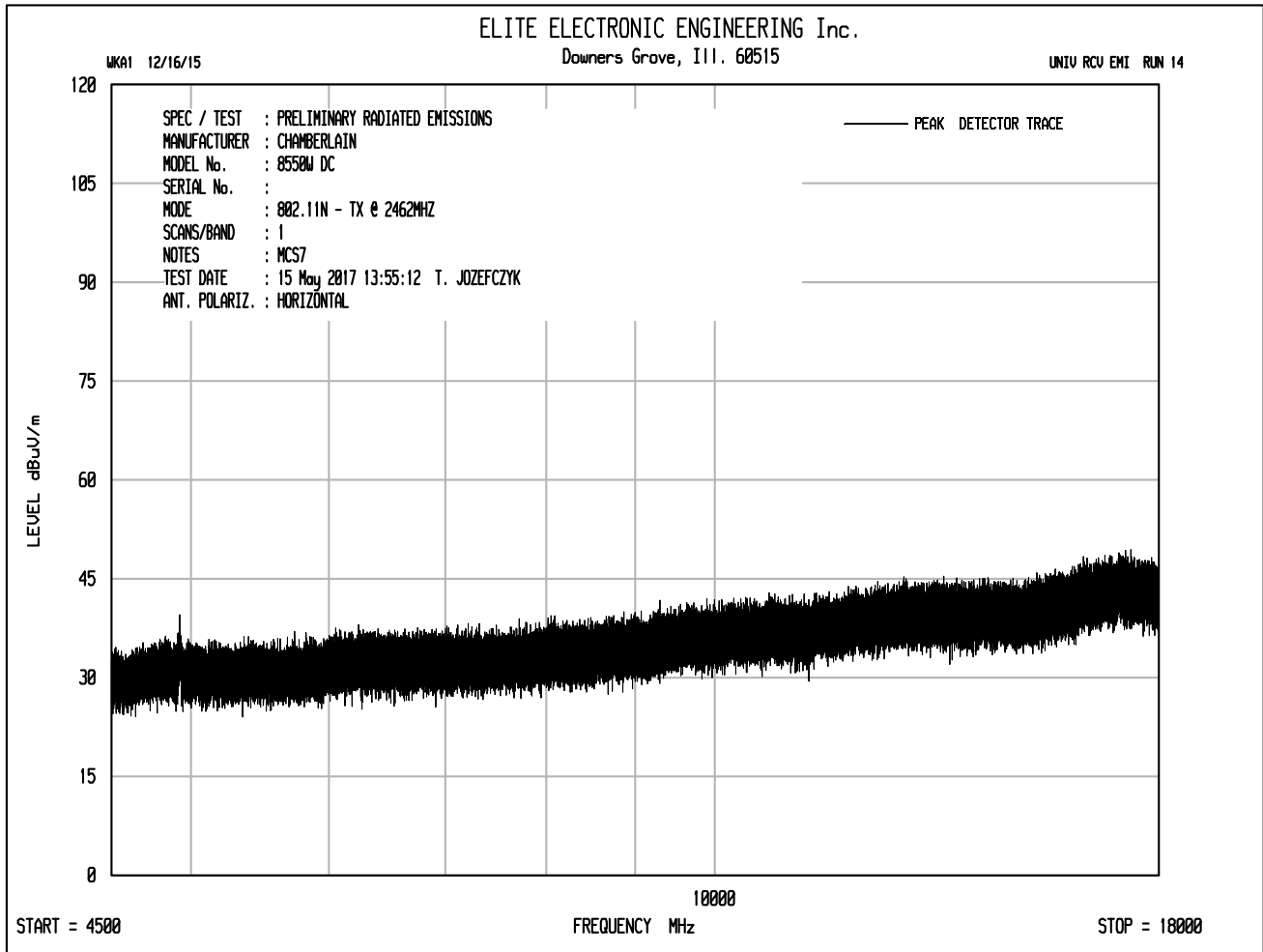


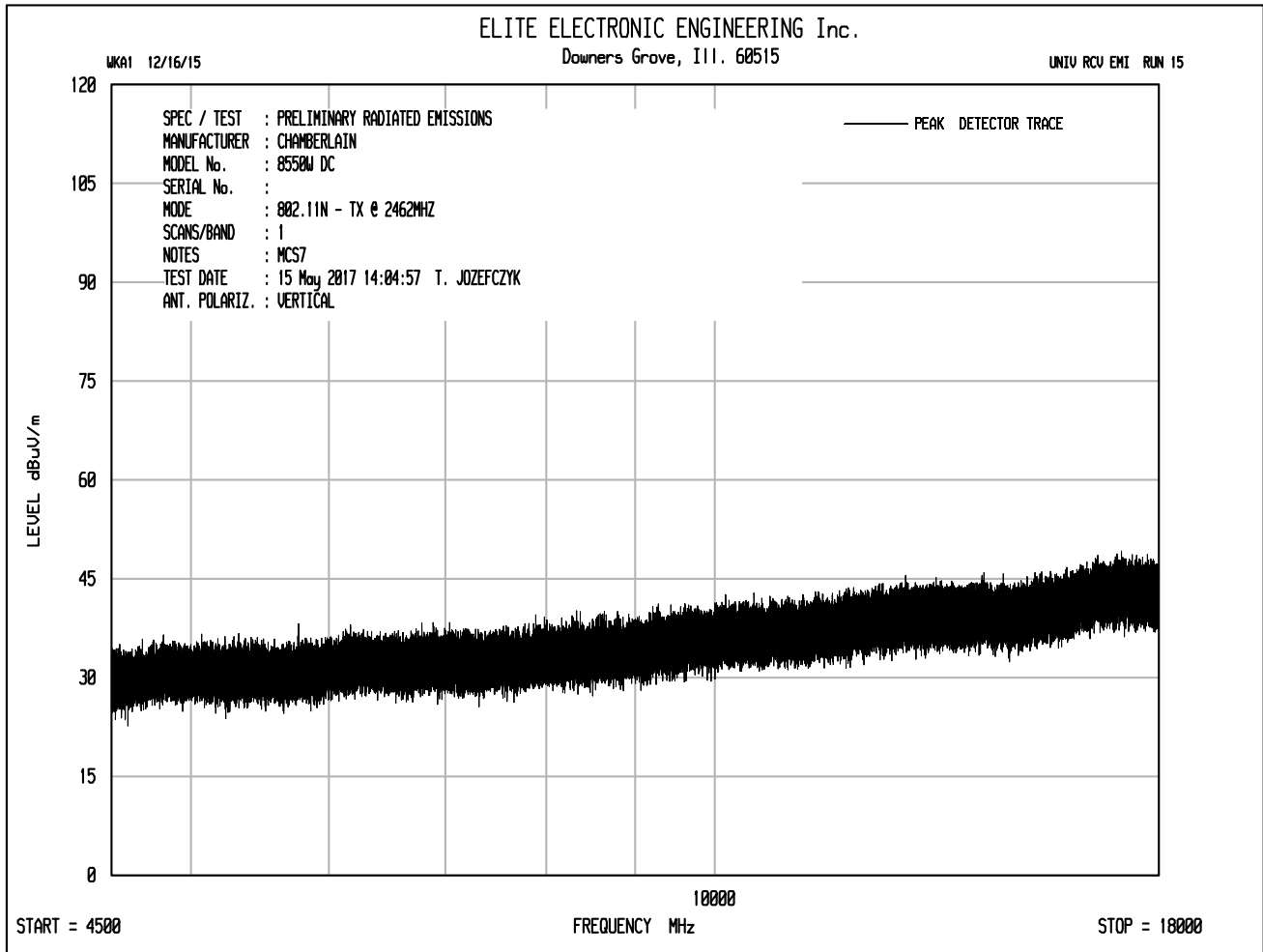


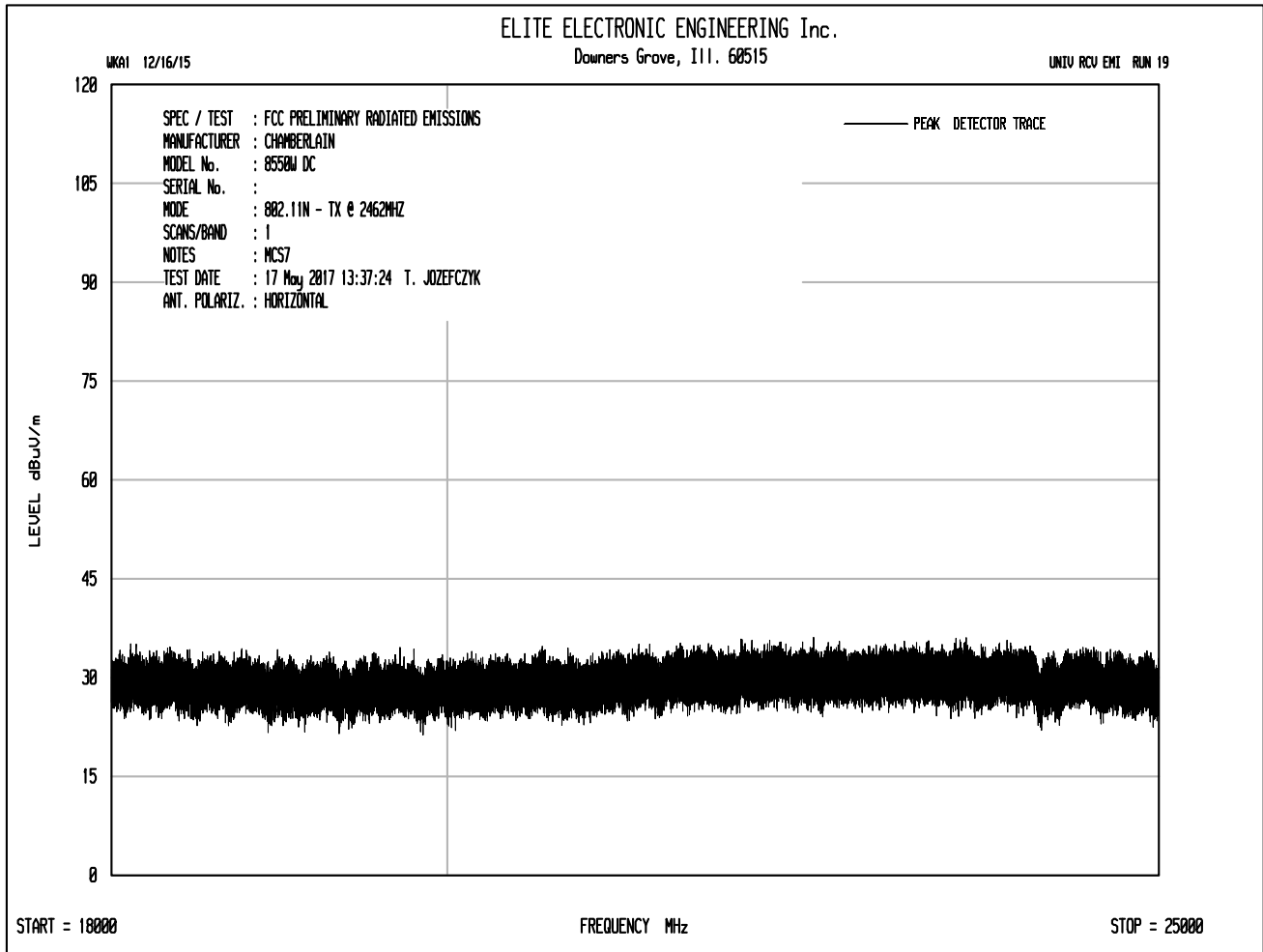


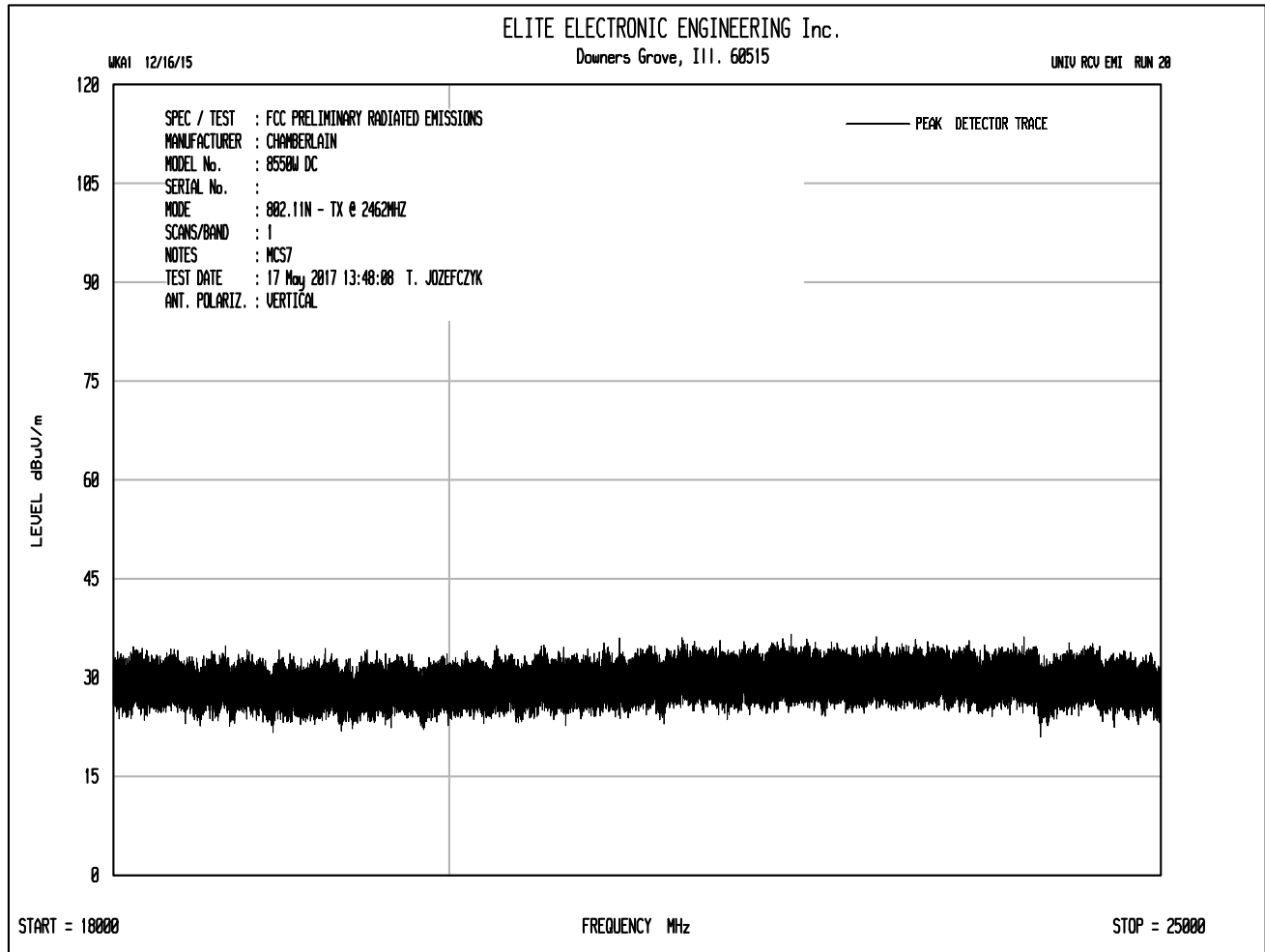


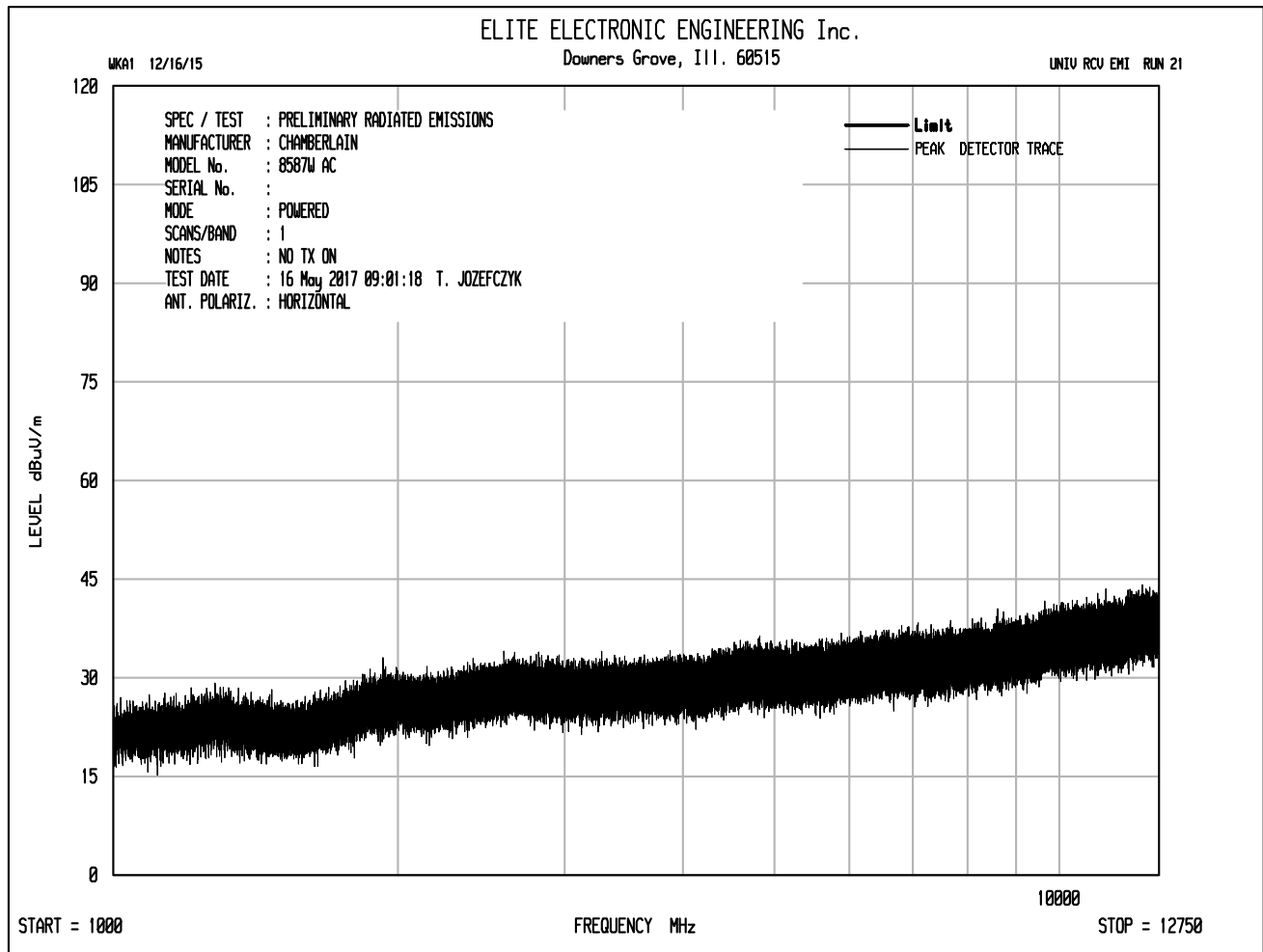


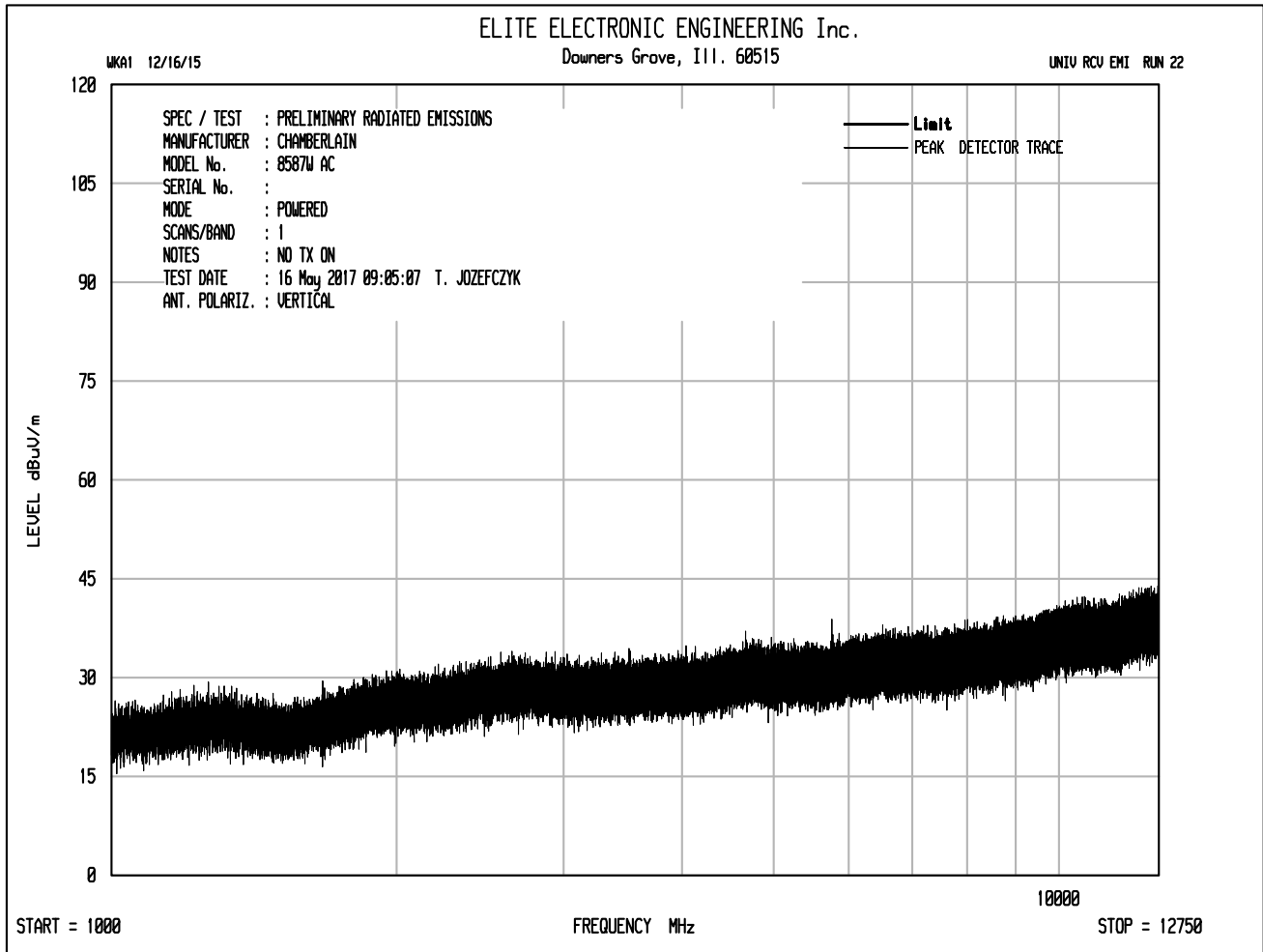


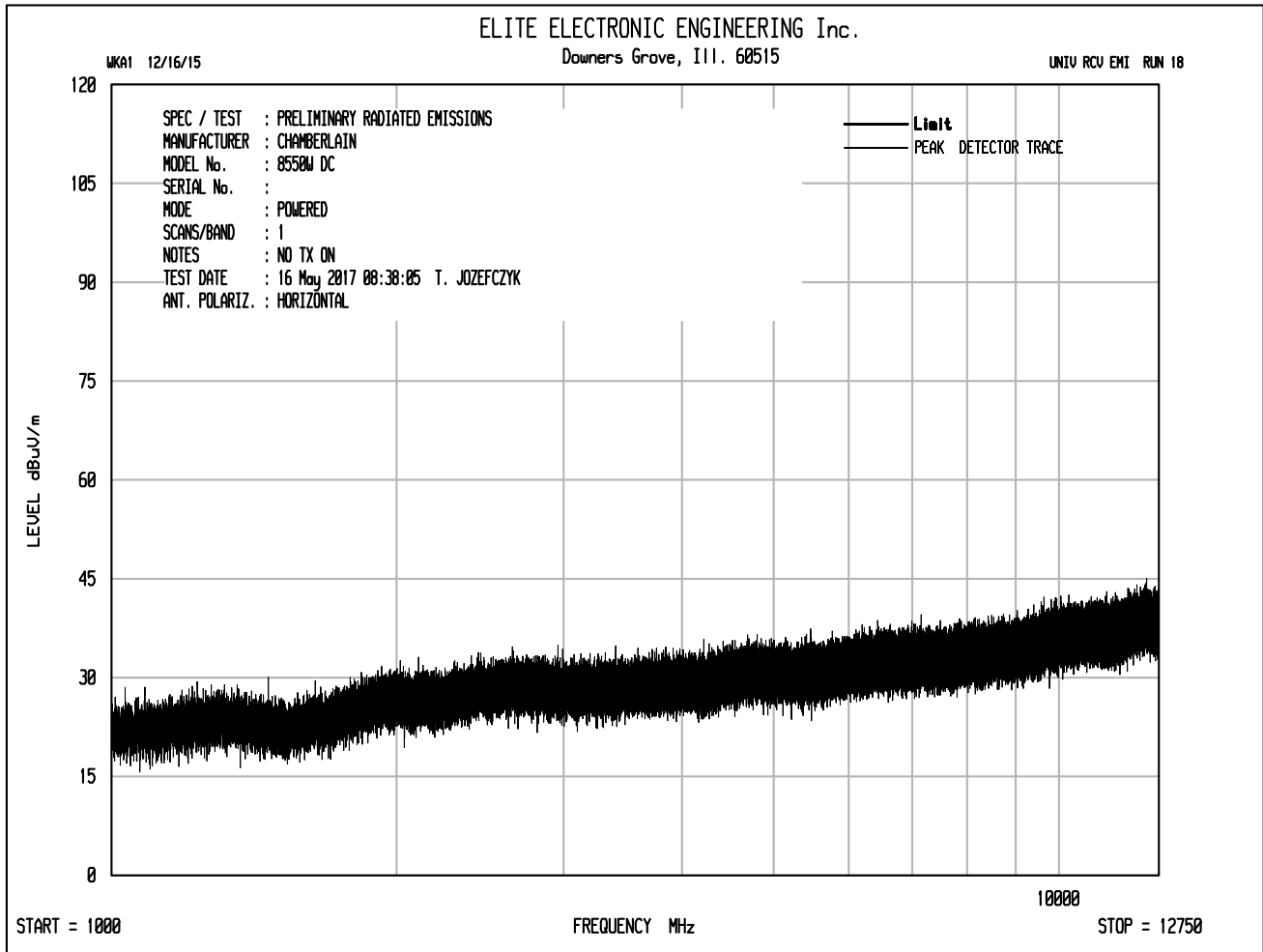


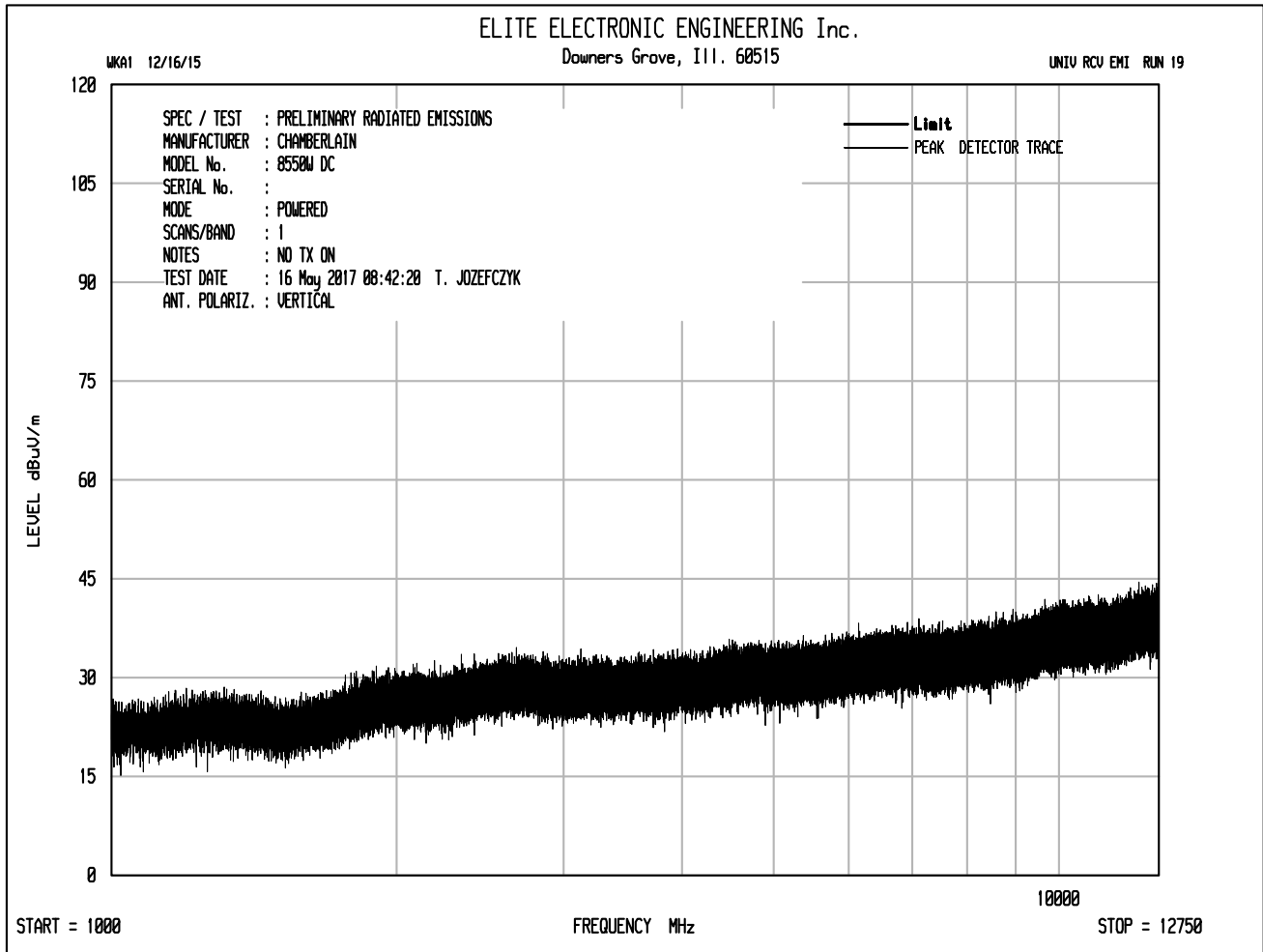












DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11b – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2412.00	H	62.5	3.4	32.0	0.0	97.9	78696.0		
2412.00	V	63.5	3.4	32.0	0.0	98.9	88298.4		
7236.00	H	39.0	5.9	36.0	-40.1	40.8	109.5	8829.8	-38.1
7236.00	V	39.5	5.9	36.0	-40.1	41.3	116.0	8829.8	-37.6
9648.00	H	39.1	6.3	36.9	-39.6	42.7	136.8	8829.8	-36.2
9648.00	V	38.2	6.3	36.9	-39.6	41.8	123.4	8829.8	-37.1
16884.00	H	38.1	7.7	41.6	-38.8	48.6	267.8	8829.8	-30.4
16884.00	V	37.9	7.7	41.6	-38.8	48.4	261.7	8829.8	-30.6
21708.00	H	34.3	2.2	40.6	-28.7	48.4	264.4	8829.8	-30.5
21708.00	V	33.8	2.2	40.6	-28.7	48.0	250.8	8829.8	-30.9
24120.00	H	33.5	2.2	40.6	-30.3	46.1	201.1	8829.8	-32.9
24120.00	V	33.8	2.2	40.6	-30.3	46.4	208.8	8829.8	-32.5

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11b – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Band

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4824.00	H	56.7	4.9	34.1	-40.2	55.4	590.3	5000.0	-18.6
4824.00	V	55.3	4.9	34.1	-40.2	54.0	502.5	5000.0	-20.0
12060.00	H	49.5	7.1	38.5	-39.7	55.4	587.4	5000.0	-18.6
12060.00	V	48.9	7.1	38.5	-39.7	54.8	548.2	5000.0	-19.2
14472.00	H	49.1	7.4	39.4	-40.0	55.9	626.3	5000.0	-18.0
14472.00	V	48.8	7.4	39.4	-40.0	55.6	605.0	5000.0	-18.3
19296.00	H	32.3	2.2	40.4	-28.3	46.6	213.0	5000.0	-27.4
19296.00	V	32.9	2.2	40.4	-28.3	47.2	228.2	5000.0	-26.8

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11b – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4824.00	H	44.1	4.9	34.1	-40.2	5.7	48.5	266.7	500.0	-5.5
4824.00	V	43.7	4.9	34.1	-40.2	5.7	48.1	254.7	500.0	-5.9
12060.00	H	34.6	7.1	38.5	-39.7	5.7	46.2	203.7	500.0	-7.8
12060.00	V	34.7	7.1	38.5	-39.7	5.7	46.3	206.0	500.0	-7.7
14472.00	H	34.2	7.4	39.4	-40.0	5.7	46.7	217.2	500.0	-7.2
14472.00	V	34.1	7.4	39.4	-40.0	5.7	46.6	214.7	500.0	-7.3
19296.00	H	18.4	2.2	40.4	-28.3	5.7	38.3	82.7	500.0	-15.6
19296.00	V	18.7	2.2	40.4	-28.3	5.7	38.7	86.0	500.0	-15.3

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11b – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2437.00	H	60.5	3.4	32.1	0.0	96.0	62965.3		
2437.00	V	59.7	3.4	32.1	0.0	95.2	57425.0		
9748.00	H	38.9	6.4	37.0	-39.6	42.7	136.1	6296.5	-33.3
9748.00	V	38.4	6.4	37.0	-39.6	42.2	128.5	6296.5	-33.8
14622.00	H	37.8	7.3	39.5	-40.2	44.4	166.8	6296.5	-31.5
14622.00	V	37.9	7.3	39.5	-40.2	44.5	168.7	6296.5	-31.4
17059.00	H	39.6	7.7	41.5	-38.8	50.0	314.5	6296.5	-26.0
17059.00	V	38.7	7.7	41.5	-38.8	49.1	283.5	6296.5	-26.9
21933.00	H	33.5	2.2	40.6	-29.1	47.2	228.8	6296.5	-28.8
21933.00	V	34.6	2.2	40.6	-29.1	48.2	257.7	6296.5	-27.8
24370.00	H	35.2	2.2	40.6	-30.1	47.9	248.3	6296.5	-28.1
24370.00	V	35.1	2.2	40.6	-30.1	47.8	244.9	6296.5	-28.2

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11b – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4874.00	H	56.5	5.0	34.1	-40.3	55.4	586.3	5000.0	-18.6
4874.00	V	55.1	5.0	34.1	-40.3	54.0	499.0	5000.0	-20.0
7311.00	H	50.6	5.8	36.0	-40.1	52.3	414.0	5000.0	-21.6
7311.00	V	50.6	5.8	36.0	-40.1	52.3	414.0	5000.0	-21.6
12185.00	H	49.7	7.1	38.5	-39.6	55.7	610.6	5000.0	-18.3
12185.00	V	49.5	7.1	38.5	-39.6	55.5	596.7	5000.0	-18.5
19496.00	H	31.2	2.2	40.4	-28.6	45.3	183.5	5000.0	-28.7
19496.00	V	33.0	2.2	40.4	-28.6	47.1	225.5	5000.0	-26.9

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11b – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4874.00	H	44.7	5.0	34.1	-40.3	5.7	49.3	290.5	500.0	-4.7
4874.00	V	42.9	5.0	34.1	-40.3	5.7	47.5	236.1	500.0	-6.5
7311.00	H	35.00	5.8	36.0	-40.1	5.7	42.4	132.4	500.0	-11.5
7311.00	V	34.9	5.8	36.0	-40.1	5.7	42.3	130.9	500.0	-11.6
12185.00	H	34.7	7.1	38.5	-39.6	5.7	46.4	209.3	500.0	-7.6
12185.00	V	34.7	7.1	38.5	-39.6	5.7	46.4	209.3	500.0	-7.6
19496.00	H	18.1	2.2	40.4	-28.6	5.7	37.9	78.1	500.0	-16.1
19496.00	V	18.4	2.2	40.4	-28.6	5.7	38.1	80.4	500.0	-15.9

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11b – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2462.00	H	57.9	3.4	32.1	0.0	93.4	47013.0		
2462.00	V	64.5	3.4	32.1	0.0	100.0	100512.0		
9848.00	H	39.8	6.4	37.0	-39.5	43.7	153.6	10051.2	-36.3
9848.00	V	38.4	6.4	37.0	-39.5	42.3	130.7	10051.2	-37.7
14772.00	H	38.0	9.8	39.6	-40.3	47.1	226.8	10051.2	-32.9
14772.00	V	38.4	9.8	39.6	-40.3	47.5	237.5	10051.2	-32.5
17234.00	H	38.5	9.9	41.5	-39.0	50.9	350.7	10051.2	-29.1
17234.00	V	38.5	9.9	41.5	-39.0	50.9	350.7	10051.2	-29.1
24620.00	H	34.5	2.2	40.6	-30.5	46.9	220.3	10051.2	-33.2
24620.00	V	34.4	2.2	40.6	-30.5	46.7	217.0	10051.2	-33.3

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11b – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4924.00	H	55.2	5.1	34.2	-40.3	54.2	512.9	5000.0	-19.8
4924.00	V	54.0	5.1	34.2	-40.3	53.0	446.7	5000.0	-21.0
7386.00	H	48.8	5.9	35.9	-40.1	50.6	337.0	5000.0	-23.4
7386.00	V	49.4	5.9	35.9	-40.1	51.2	361.1	5000.0	-22.8
12310.00	H	48.3	7.2	38.5	-39.6	54.5	530.4	5000.0	-19.5
12310.00	V	48.4	7.2	38.5	-39.6	54.6	536.6	5000.0	-19.4
19696.00	H	31.7	2.2	40.4	-28.3	46.1	201.0	5000.0	-27.9
19696.00	V	32.1	2.2	40.4	-28.3	46.5	210.7	5000.0	-27.5
22158.00	H	34.2	2.2	40.6	-29.1	47.9	247.7	5000.0	-26.1
22158.00	V	34.3	2.2	40.6	-29.1	48.0	252.3	5000.0	-25.9

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11b – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4924.00	H	43.2	5.1	34.2	-40.3	5.7	47.9	248.3	500.0	-6.1
4924.00	V	42.1	5.1	34.2	-40.3	5.7	46.8	218.8	500.0	-7.2
7386.00	H	34.10	5.9	35.9	-40.1	5.7	41.6	119.6	500.0	-12.4
7386.00	V	34.2	5.9	35.9	-40.1	5.7	41.7	121.0	500.0	-12.3
12310.00	H	33.3	7.2	38.5	-39.6	5.7	45.2	181.8	500.0	-8.8
12310.00	V	33.3	7.2	38.5	-39.6	5.7	45.2	181.8	500.0	-8.8
19696.00	H	18.0	2.2	40.4	-28.3	5.7	38.0	79.7	500.0	-16.0
19696.00	V	18.4	2.2	40.4	-28.3	5.7	38.5	84.1	500.0	-15.5
22158.00	H	20.5	2.2	40.6	-29.1	5.7	39.9	99.3	500.0	-14.0
22158.00	V	20.6	2.2	40.6	-29.1	5.7	40.0	100.2	500.0	-14.0

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11g – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2412.00	H	56.5	3.4	32.0	0.0	91.9	39441.4		
2412.00	V	59.8	3.4	32.0	0.0	95.2	57670.4		
7236.00	H	39.6	5.9	36.0	-40.1	41.4	117.4	5767.0	-33.8
7236.00	V	39.6	5.9	36.0	-40.1	41.4	117.4	5767.0	-33.8
9648.00	H	38.8	6.3	36.9	-39.6	42.4	132.2	5767.0	-32.8
9648.00	V	38.9	6.3	36.9	-39.6	42.5	133.7	5767.0	-32.7
16884.00	H	38.5	7.7	41.6	-38.8	49.0	280.5	5767.0	-26.3
16884.00	V	39.1	7.7	41.6	-38.8	49.6	300.5	5767.0	-25.7
21708.00	H	33.1	2.2	40.6	-28.7	47.2	229.8	5767.0	-28.0
21708.00	V	33.6	2.2	40.6	-28.7	47.8	245.1	5767.0	-27.4
24120.00	H	33.7	2.2	40.6	-30.3	46.3	206.2	5767.0	-28.9
24120.00	V	33.7	2.2	40.6	-30.3	46.3	206.7	5767.0	-28.9

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11g – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4824.00	H	57.4	4.9	34.1	-40.2	56.1	639.9	5000.0	-17.9
4824.00	V	55.9	4.9	34.1	-40.2	54.6	538.4	5000.0	-19.4
12060.00	H	50.8	7.1	38.5	-39.7	56.7	682.2	5000.0	-17.3
12060.00	V	49.5	7.1	38.5	-39.7	55.4	587.4	5000.0	-18.6
14472.00	H	50.4	7.4	39.4	-40.0	57.2	727.4	5000.0	-16.7
14472.00	V	49.4	7.4	39.4	-40.0	56.2	648.3	5000.0	-17.7
19296.00	H	31.5	2.2	40.4	-28.3	45.8	195.4	5000.0	-28.2
19296.00	V	33.0	2.2	40.4	-28.3	47.2	230.3	5000.0	-26.7

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11g – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4824.00	H	42.6	4.9	34.1	-40.2	0.0	41.3	116.4	500.0	-12.7
4824.00	V	40.7	4.9	34.1	-40.2	0.0	39.4	93.6	500.0	-14.6
12060.00	H	34.9	7.1	38.5	-39.7	0.0	40.8	109.4	500.0	-13.2
12060.00	V	34.9	7.1	38.5	-39.7	0.0	40.8	109.4	500.0	-13.2
14472.00	H	34.4	7.4	39.4	-40.0	0.0	41.2	115.3	500.0	-12.7
14472.00	V	34.4	7.4	39.4	-40.0	0.0	41.2	115.3	500.0	-12.7
19296.00	H	18.6	2.2	40.4	-28.3	0.0	32.9	44.2	500.0	-21.1
19296.00	V	18.8	2.2	40.4	-28.3	0.0	33.1	45.1	500.0	-20.9

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11g – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2437.00	H	55.5	3.4	32.1	0.0	91.0	35408.0		
2437.00	V	61.1	3.4	32.1	0.0	96.6	67468.5		
9748.00	H	38.6	6.4	37.0	-39.6	42.4	131.5	6746.9	-34.2
9748.00	V	38.6	6.4	37.0	-39.6	42.4	131.5	6746.9	-34.2
14622.00	H	38.7	7.3	39.5	-40.2	45.3	185.0	6746.9	-31.2
14622.00	V	38.6	7.3	39.5	-40.2	45.2	182.9	6746.9	-31.3
17059.00	H	39.2	7.7	41.5	-38.8	49.6	300.3	6746.9	-27.0
17059.00	V	39.4	7.7	41.5	-38.8	49.8	307.3	6746.9	-26.8
21933.00	H	33.3	2.2	40.6	-29.1	46.9	222.1	6746.9	-29.7
21933.00	V	33.6	2.2	40.6	-29.1	47.3	230.7	6746.9	-29.3
24370.00	H	34.9	2.2	40.6	-30.1	47.6	240.1	6746.9	-29.0
24370.00	V	35.3	2.2	40.6	-30.1	48.0	250.3	6746.9	-28.6

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11g – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4874.00	H	58.4	5.0	34.1	-40.3	57.3	729.6	5000.0	-16.7
4874.00	V	56.6	5.0	34.1	-40.3	55.5	593.1	5000.0	-18.5
7311.00	H	53.1	5.8	36.0	-40.1	54.8	552.0	5000.0	-19.1
7311.00	V	53.1	5.8	36.0	-40.1	54.8	552.0	5000.0	-19.1
12185.00	H	48.6	7.1	38.5	-39.6	54.6	538.0	5000.0	-19.4
12185.00	V	48.3	7.1	38.5	-39.6	54.3	519.7	5000.0	-19.7
19496.00	H	32.1	2.2	40.4	-28.6	46.1	201.9	5000.0	-27.9
19496.00	V	33.2	2.2	40.4	-28.6	47.3	231.0	5000.0	-26.7

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11g – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4874.00	H	42.4	5.0	34.1	-40.3	0.0	41.3	115.6	500.0	-12.7
4874.00	V	40.6	5.0	34.1	-40.3	0.0	39.5	94.0	500.0	-14.5
7311.00	H	35.30	5.8	36.0	-40.1	0.0	37.0	71.1	500.0	-16.9
7311.00	V	35.4	5.8	36.0	-40.1	0.0	37.1	71.9	500.0	-16.8
12185.00	H	34.4	7.1	38.5	-39.6	0.0	40.4	104.9	500.0	-13.6
12185.00	V	35.0	7.1	38.5	-39.6	0.0	41.0	112.4	500.0	-13.0
19496.00	H	18.1	2.2	40.4	-28.6	0.0	32.1	40.3	500.0	-21.9
19496.00	V	18.7	2.2	40.4	-28.6	0.0	32.7	43.3	500.0	-21.3

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11g – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2462.00	H	53.3	3.4	32.1	0.0	88.8	27683.3		
2462.00	V	58.8	3.4	32.1	0.0	94.3	52145.6		
9848.00	H	39.4	6.4	37.0	-39.5	43.3	146.6	5214.6	-31.0
9848.00	V	39.5	6.4	37.0	-39.5	43.4	148.3	5214.6	-30.9
14772.00	H	38.3	7.5	39.6	-40.3	45.0	178.8	5214.6	-29.3
14772.00	V	38.3	7.5	39.6	-40.3	45.0	178.8	5214.6	-29.3
17234.00	H	38.0	7.5	41.5	-39.0	48.0	251.9	5214.6	-26.3
17234.00	V	39.3	7.5	41.5	-39.0	49.3	292.6	5214.6	-25.0
24620.00	H	33.6	2.2	40.6	-30.5	46.0	198.4	5214.6	-28.4
24620.00	V	34.4	2.2	40.6	-30.5	46.8	218.3	5214.6	-27.6

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11g – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4924.00	H	53.9	5.1	34.2	-40.3	52.9	441.6	5000.0	-21.1
4924.00	V	54.0	5.1	34.2	-40.3	53.0	446.7	5000.0	-21.0
7386.00	H	50.2	5.9	35.9	-40.1	52.0	396.0	5000.0	-22.0
7386.00	V	49.5	5.9	35.9	-40.1	51.3	365.3	5000.0	-22.7
12310.00	H	48.4	7.2	38.5	-39.6	54.6	536.6	5000.0	-19.4
12310.00	V	48.1	7.2	38.5	-39.6	54.3	518.3	5000.0	-19.7
19696.00	H	31.4	2.2	40.4	-28.3	45.8	194.2	5000.0	-28.2
19696.00	V	32.2	2.2	40.4	-28.3	46.6	212.9	5000.0	-27.4
22158.00	H	34.2	2.2	40.6	-29.1	47.9	248.9	5000.0	-26.1
22158.00	V	34.3	2.2	40.6	-29.1	48.0	251.2	5000.0	-26.0

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11g – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4924.00	H	37.9	5.1	34.2	-40.3	0.0	36.9	70.0	500.0	-17.1
4924.00	V	38.3	5.1	34.2	-40.3	0.0	37.3	73.3	500.0	-16.7
7386.00	H	34.10	5.9	35.9	-40.1	0.0	35.9	62.0	500.0	-18.1
7386.00	V	34.0	5.9	35.9	-40.1	0.0	35.8	61.3	500.0	-18.2
12310.00	H	33.2	7.2	38.5	-39.6	0.0	39.4	93.2	500.0	-14.6
12310.00	V	33.2	7.2	38.5	-39.6	0.0	39.4	93.2	500.0	-14.6
19696.00	H	17.9	2.2	40.4	-28.3	0.0	32.3	41.3	500.0	-21.7
19696.00	V	18.4	2.2	40.4	-28.3	0.0	32.7	43.3	500.0	-21.2
22158.00	H	20.5	2.2	40.6	-29.1	0.0	34.2	51.3	500.0	-19.8
22158.00	V	20.5	2.2	40.6	-29.1	0.0	34.2	51.2	500.0	-19.8

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11n – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2412.00	H	57.4	3.4	32.0	0.0	92.8	43747.4		
2412.00	V	55.9	3.4	32.0	0.0	91.3	36808.9		
7236.00	H	39.1	5.9	36.0	-40.1	40.9	110.8	4374.7	-31.9
7236.00	V	39.1	5.9	36.0	-40.1	40.9	110.8	4374.7	-31.9
9648.00	H	40.8	6.3	36.9	-39.6	44.4	166.4	4374.7	-28.4
9648.00	V	38.8	6.3	36.9	-39.6	42.4	132.2	4374.7	-30.4
16884.00	H	38.3	7.7	41.6	-38.8	48.8	274.1	4374.7	-24.1
16884.00	V	38.3	7.7	41.6	-38.8	48.8	274.1	4374.7	-24.1
21708.00	H	33.7	2.2	40.6	-28.7	47.9	247.9	4374.7	-24.9
21708.00	V	33.8	2.2	40.6	-28.7	47.9	249.1	4374.7	-24.9
24120.00	H	34.1	2.2	40.6	-30.3	46.6	214.9	4374.7	-26.2
24120.00	V	34.5	2.2	40.6	-30.3	47.0	225.1	4374.7	-25.8

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11n – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4824.00	H	58.5	4.9	34.1	-40.2	57.2	726.3	5000.0	-16.8
4824.00	V	54.9	4.9	34.1	-40.2	53.6	479.8	5000.0	-20.4
12060.00	H	49.6	7.1	38.5	-39.7	55.5	594.2	5000.0	-18.5
12060.00	V	49.4	7.1	38.5	-39.7	55.3	580.7	5000.0	-18.7
14472.00	H	49.0	7.4	39.4	-40.0	55.8	619.1	5000.0	-18.1
14472.00	V	48.5	7.4	39.4	-40.0	55.3	584.5	5000.0	-18.6
19296.00	H	32.0	2.2	40.4	-28.3	46.3	206.2	5000.0	-27.7
19296.00	V	32.7	2.2	40.4	-28.3	47.0	222.8	5000.0	-27.0

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11n – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4824.00	H	42.2	4.9	34.1	-40.2	0.0	40.9	111.2	500.0	-13.1
4824.00	V	40.2	4.9	34.1	-40.2	0.0	38.9	88.3	500.0	-15.1
12060.00	H	34.1	7.1	38.5	-39.7	0.0	40.0	99.8	500.0	-14.0
12060.00	V	34.1	7.1	38.5	-39.7	0.0	40.0	99.8	500.0	-14.0
14472.00	H	33.4	7.4	39.4	-40.0	0.0	40.2	102.7	500.0	-13.7
14472.00	V	33.3	7.4	39.4	-40.0	0.0	40.1	101.6	500.0	-13.8
19296.00	H	18.4	2.2	40.4	-28.3	0.0	32.7	43.1	500.0	-21.3
19296.00	V	18.9	2.2	40.4	-28.3	0.0	33.2	45.5	500.0	-20.8

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11n – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2437.00	H	54.0	3.4	32.1	0.0	89.5	29792.1		
2437.00	V	60.2	3.4	32.1	0.0	95.7	60827.7		
9748.00	H	39.5	6.4	37.0	-39.6	43.3	145.9	6082.8	-32.4
9748.00	V	38.6	6.4	37.0	-39.6	42.4	131.5	6082.8	-33.3
14622.00	H	38.6	7.3	39.5	-40.2	45.2	182.9	6082.8	-30.4
14622.00	V	38.9	7.3	39.5	-40.2	45.5	189.3	6082.8	-30.1
17059.00	H	39.3	7.7	41.5	-38.8	49.7	303.8	6082.8	-26.0
17059.00	V	39.3	7.7	41.5	-38.8	49.7	303.8	6082.8	-26.0
21933.00	H	33.6	2.2	40.6	-29.1	47.3	230.7	6082.8	-28.4
21933.00	V	33.4	2.2	40.6	-29.1	47.1	225.7	6082.8	-28.6
24370.00	H	35.3	2.2	40.6	-30.1	48.0	251.8	6082.8	-27.7
24370.00	V	34.9	2.2	40.6	-30.1	47.6	239.3	6082.8	-28.1

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11n – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4874.00	H	57.9	5.0	34.1	-40.3	56.8	688.8	5000.0	-17.2
4874.00	V	55.5	5.0	34.1	-40.3	54.4	522.5	5000.0	-19.6
7311.00	H	50.1	5.8	36.0	-40.1	51.8	390.8	5000.0	-22.1
7311.00	V	50.6	5.8	36.0	-40.1	52.3	414.0	5000.0	-21.6
12185.00	H	49.1	7.1	38.5	-39.6	55.1	569.8	5000.0	-18.9
12185.00	V	48.8	7.1	38.5	-39.6	54.8	550.5	5000.0	-19.2
19496.00	H	31.7	2.2	40.4	-28.6	45.7	192.8	5000.0	-28.3
19496.00	V	32.6	2.2	40.4	-28.6	46.7	215.3	5000.0	-27.3

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11n – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4874.00	H	39.9	5.0	34.1	-40.3	0.0	38.8	86.7	500.0	-15.2
4874.00	V	37.9	5.0	34.1	-40.3	0.0	36.8	68.9	500.0	-17.2
7311.00	H	35.10	5.8	36.0	-40.1	0.0	36.8	69.5	500.0	-17.1
7311.00	V	34.6	5.8	36.0	-40.1	0.0	36.3	65.6	500.0	-17.6
12185.00	H	33.8	7.1	38.5	-39.6	0.0	39.8	97.9	500.0	-14.2
12185.00	V	33.8	7.1	38.5	-39.6	0.0	39.8	97.9	500.0	-14.2
19496.00	H	18.2	2.2	40.4	-28.6	0.0	32.3	41.0	500.0	-21.7
19496.00	V	18.7	2.2	40.4	-28.6	0.0	32.7	43.2	500.0	-21.3

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11n – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2462.00	H	52.9	3.4	32.1	0.0	88.4	26437.3		
2462.00	V	57.4	3.4	32.1	0.0	92.9	44383.1		
9848.00	H	40.3	6.4	37.0	-39.5	44.2	162.7	4438.3	-28.7
9848.00	V	39.0	6.4	37.0	-39.5	42.9	140.0	4438.3	-30.0
14772.00	H	38.4	7.5	39.6	-40.3	45.1	180.9	4438.3	-27.8
14772.00	V	38.0	7.5	39.6	-40.3	44.7	172.8	4438.3	-28.2
17234.00	H	39.2	7.5	41.5	-39.0	49.2	289.2	4438.3	-23.7
17234.00	V	38.9	7.5	41.5	-39.0	48.9	279.4	4438.3	-24.0
24620.00	H	34.1	2.2	40.6	-30.5	46.5	210.4	4438.3	-26.5
24620.00	V	34.1	2.2	40.6	-30.5	46.5	210.2	4438.3	-26.5

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11n – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4924.00	H	52.5	5.1	34.2	-40.3	51.5	375.9	5000.0	-22.5
4924.00	V	52.8	5.1	34.2	-40.3	51.8	389.1	5000.0	-22.2
7386.00	H	49.5	5.9	35.9	-40.1	51.3	365.3	5000.0	-22.7
7386.00	V	49.8	5.9	35.9	-40.1	51.6	378.2	5000.0	-22.4
12310.00	H	48.5	7.2	38.5	-39.6	54.7	542.8	5000.0	-19.3
12310.00	V	48.7	7.2	38.5	-39.6	54.9	555.4	5000.0	-19.1
19696.00	H	32.0	2.2	40.4	-28.3	46.3	207.6	5000.0	-27.6
19696.00	V	32.0	2.2	40.4	-28.3	46.4	209.0	5000.0	-27.6
22158.00	H	34.0	2.2	40.6	-29.1	47.7	243.2	5000.0	-26.3
22158.00	V	34.2	2.2	40.6	-29.1	47.9	249.4	5000.0	-26.0

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Mode : 802.11n – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4924.00	H	36.3	5.1	34.2	-40.3	0.0	35.3	58.2	500.0	-18.7
4924.00	V	36.9	5.1	34.2	-40.3	0.0	35.9	62.4	500.0	-18.1
7386.00	H	34.10	5.9	35.9	-40.1	0.0	35.9	62.0	500.0	-18.1
7386.00	V	34.0	5.9	35.9	-40.1	0.0	35.8	61.3	500.0	-18.2
12310.00	H	33.0	7.2	38.5	-39.6	0.0	39.2	91.1	500.0	-14.8
12310.00	V	33.2	7.2	38.5	-39.6	0.0	39.4	93.2	500.0	-14.6
19696.00	H	17.9	2.2	40.4	-28.3	0.0	32.3	41.0	500.0	-21.7
19696.00	V	18.6	2.2	40.4	-28.3	0.0	32.9	44.3	500.0	-21.1
22158.00	H	20.3	2.2	40.6	-29.1	0.0	34.0	50.1	500.0	-20.0
22158.00	V	20.5	2.2	40.6	-29.1	0.0	34.3	51.7	500.0	-19.7

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11b – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2412.00	H	62.1	4.3	32.0	0.0	98.4	83029.0		
2412.00	V	65.6	4.3	32.0	0.0	101.9	124231.0		
7236.00	H	40.6	6.9	35.7	-40.1	43.1	142.8	12423.1	-38.8
7236.00	V	40.1	6.9	35.7	-40.1	42.6	134.8	12423.1	-39.3
9648.00	H	39.6	8.2	36.7	-39.6	44.9	176.4	12423.1	-37.0
9648.00	V	40.0	8.2	36.7	-39.6	45.3	184.7	12423.1	-36.6
16884.00	H	38.6	11.0	41.8	-38.8	52.5	420.9	12423.1	-29.4
16884.00	V	38.9	11.0	41.8	-38.8	52.8	435.6	12423.1	-29.1
21708.00	H	33.8	2.2	40.6	-28.7	48.0	249.9	12423.1	-33.9
21708.00	V	33.6	2.2	40.6	-28.7	47.7	243.4	12423.1	-34.2
24120.00	H	34.1	2.2	40.6	-30.3	46.7	216.9	12423.1	-35.2
24120.00	V	33.8	2.2	40.6	-30.3	46.4	207.9	12423.1	-35.5

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11b – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4824.00	H	57.8	5.7	34.6	-40.2	57.8	779.6	5000.0	-16.1
4824.00	V	55.8	5.7	34.6	-40.2	55.8	619.3	5000.0	-18.1
12060.00	H	49.4	8.6	38.7	-39.7	57.1	712.7	5000.0	-16.9
12060.00	V	49.6	8.6	38.7	-39.7	57.3	729.3	5000.0	-16.7
14472.00	H	49.3	9.6	39.6	-40.0	58.4	836.0	5000.0	-15.5
14472.00	V	48.9	9.6	39.6	-40.0	58.0	798.4	5000.0	-15.9
19296.00	H	32.0	2.2	40.4	-28.3	46.3	206.0	5000.0	-27.7
19296.00	V	32.9	2.2	40.4	-28.3	47.2	228.5	5000.0	-26.8

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11b – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4824.00	H	45.4	5.7	34.6	-40.2	5.7	51.1	360.5	500.0	-2.8
4824.00	V	43.5	5.7	34.6	-40.2	5.7	49.2	289.7	500.0	-4.7
12060.00	H	34.9	8.6	38.7	-39.7	5.7	48.3	258.8	500.0	-5.7
12060.00	V	34.9	8.6	38.7	-39.7	5.7	48.3	258.8	500.0	-5.7
14472.00	H	34.5	9.6	39.6	-40.0	5.7	49.3	293.2	500.0	-4.6
14472.00	V	34.4	9.6	39.6	-40.0	5.7	49.2	289.9	500.0	-4.7
19296.00	H	18.5	2.2	40.4	-28.3	5.7	38.5	83.8	500.0	-15.5
19296.00	V	18.7	2.2	40.4	-28.3	5.7	38.6	85.5	500.0	-15.3

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11b – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2437.00	H	63.6	4.3	32.1	0.0	100.0	99532.0		
2437.00	V	63.2	4.3	32.1	0.0	99.6	95052.4		
9748.00	H	39.4	8.2	36.9	-39.6	45.0	177.4	9953.2	-35.0
9748.00	V	39.7	8.2	36.9	-39.6	45.3	183.7	9953.2	-34.7
14622.00	H	38.5	9.7	39.6	-40.2	47.6	240.7	9953.2	-32.3
14622.00	V	39.1	9.7	39.6	-40.2	48.2	257.9	9953.2	-31.7
17059.00	H	39.1	11.0	41.7	-38.8	53.0	445.3	9953.2	-27.0
17059.00	V	38.8	11.0	41.7	-38.8	52.7	430.2	9953.2	-27.3
21933.00	H	33.2	2.2	40.6	-29.1	46.9	221.1	9953.2	-33.1
21933.00	V	33.6	2.2	40.6	-29.1	47.3	231.2	9953.2	-32.7
24370.00	H	35.7	2.2	40.6	-30.1	48.4	262.7	9953.2	-31.6
24370.00	V	35.5	2.2	40.6	-30.1	48.2	257.6	9953.2	-31.7

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11b – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4874.00	H	53.3	5.7	34.5	-40.3	53.3	464.0	5000.0	-20.6
4874.00	V	53.8	5.7	34.5	-40.3	53.8	491.5	5000.0	-20.1
7311.00	H	49.9	6.9	35.7	-40.1	52.4	416.6	5000.0	-21.6
7311.00	V	50.7	6.9	35.7	-40.1	53.2	456.8	5000.0	-20.8
12185.00	H	49.2	8.9	38.8	-39.6	57.3	731.3	5000.0	-16.7
12185.00	V	49.1	8.9	38.8	-39.6	57.2	722.9	5000.0	-16.8
19496.00	H	31.6	2.2	40.4	-28.6	45.7	192.1	5000.0	-28.3
19496.00	V	32.2	2.2	40.4	-28.6	46.3	205.6	5000.0	-27.7

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11b – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4874.00	H	37.7	5.7	34.5	-40.3	5.7	43.4	148.4	500.0	-10.5
4874.00	V	42.2	5.7	34.5	-40.3	5.7	47.9	249.2	500.0	-6.0
7311.00	H	34.50	6.9	35.7	-40.1	5.7	42.7	136.4	500.0	-11.3
7311.00	V	34.2	6.9	35.7	-40.1	5.7	42.4	131.7	500.0	-11.6
12185.00	H	33.9	8.9	38.8	-39.6	5.7	47.7	242.2	500.0	-6.3
12185.00	V	34.0	8.9	38.8	-39.6	5.7	47.8	245.0	500.0	-6.2
19496.00	H	18.0	2.2	40.4	-28.6	5.7	37.8	77.2	500.0	-16.2
19496.00	V	18.4	2.2	40.4	-28.6	5.7	38.1	80.6	500.0	-15.8

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11b – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2462.00	H	63.2	4.3	32.1	0.0	99.6	95864.5		
2462.00	V	64.0	4.3	32.1	0.0	100.4	105113.3		
9848.00	H	41.9	8.3	36.9	-39.5	47.6	239.2	10511.3	-32.9
9848.00	V	38.4	8.3	36.9	-39.5	44.1	159.8	10511.3	-36.4
14772.00	H	49.5	9.8	39.6	-40.3	58.6	854.3	10511.3	-21.8
14772.00	V	49.7	9.8	39.6	-40.3	58.8	866.2	10511.3	-21.7
17234.00	H	49.0	11.0	41.3	-39.0	62.4	1318.5	10511.3	-18.0
17234.00	V	49.5	11.0	41.3	-39.0	62.9	1393.4	10511.3	-17.6
24620.00	H	34.3	2.2	40.6	-30.5	46.7	215.8	10511.3	-33.8
24620.00	V	34.4	2.2	40.6	-30.5	46.8	217.5	10511.3	-33.7

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11b – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4924.00	H	53.3	5.8	34.5	-40.3	53.3	463.7	5000.0	-20.7
4924.00	V	54.1	5.8	34.5	-40.3	54.1	508.4	5000.0	-19.9
7386.00	H	49.4	6.9	35.6	-40.1	51.9	393.1	5000.0	-22.1
7386.00	V	49.9	6.9	35.6	-40.1	52.4	416.3	5000.0	-21.6
12310.00	H	49.0	9.3	38.8	-39.6	57.5	751.9	5000.0	-16.5
12310.00	V	48.6	9.3	38.8	-39.6	57.1	718.1	5000.0	-16.9
19696.00	H	32.8	2.2	40.4	-28.3	47.1	227.1	5000.0	-26.9
19696.00	V	33.1	2.2	40.4	-28.3	47.5	237.0	5000.0	-26.5
22158.00	H	34.1	2.2	40.6	-29.1	47.8	245.5	5000.0	-26.2
22158.00	V	34.3	2.2	40.6	-29.1	48.0	252.6	5000.0	-25.9

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11b – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4924.00	H	38.8	5.8	34.5	-40.3	5.7	44.5	168.3	500.0	-9.5
4924.00	V	42.5	5.8	34.5	-40.3	5.7	48.2	257.7	500.0	-5.8
7386.00	H	34.10	6.9	35.6	-40.1	5.7	42.3	130.2	500.0	-11.7
7386.00	V	33.9	6.9	35.6	-40.1	5.7	42.1	127.2	500.0	-11.9
12310.00	H	33.5	9.3	38.8	-39.6	5.7	47.7	243.3	500.0	-6.3
12310.00	V	33.4	9.3	38.8	-39.6	5.7	47.6	240.5	500.0	-6.4
19696.00	H	18.0	2.2	40.4	-28.3	5.7	38.1	80.1	500.0	-15.9
19696.00	V	18.3	2.2	40.4	-28.3	5.7	38.4	83.3	500.0	-15.6
22158.00	H	20.5	2.2	40.6	-29.1	5.7	39.9	99.2	500.0	-14.0
22158.00	V	20.7	2.2	40.6	-29.1	5.7	40.1	101.2	500.0	-13.9

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11g – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2412.00	H	68.8	4.3	32.0	0.0	105.0	178743.4		
2412.00	V	70.8	4.3	32.0	0.0	107.1	225543.4		
7236.00	H	49.4	6.9	35.7	-40.1	51.9	391.5	22554.3	-35.2
7236.00	V	49.8	6.9	35.7	-40.1	52.3	410.9	22554.3	-34.8
9648.00	H	49.3	8.2	36.7	-39.6	54.6	536.5	22554.3	-32.5
9648.00	V	49.3	8.2	36.7	-39.6	54.6	538.4	22554.3	-32.4
16884.00	H	49.3	11.0	41.8	-38.8	63.2	1442.6	22554.3	-23.9
16884.00	V	49.4	11.0	41.8	-38.8	63.3	1466.0	22554.3	-23.7
21708.00	H	33.6	2.2	40.6	-28.7	47.7	243.4	22554.3	-39.3
21708.00	V	33.8	2.2	40.6	-28.7	47.9	248.5	22554.3	-39.2
24120.00	H	33.7	2.2	40.6	-30.3	46.2	205.0	22554.3	-40.8
24120.00	V	34.4	2.2	40.6	-30.3	47.0	223.3	22554.3	-40.1

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11g – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4824.00	H	54.5	5.7	34.6	-40.2	54.6	535.7	5000.0	-19.4
4824.00	V	52.7	5.7	34.6	-40.2	52.7	430.9	5000.0	-21.3
12060.00	H	49.7	8.6	38.7	-39.7	57.4	737.8	5000.0	-16.6
12060.00	V	50.0	8.6	38.7	-39.7	57.6	762.8	5000.0	-16.3
14472.00	H	48.9	9.6	39.6	-40.0	58.1	799.3	5000.0	-15.9
14472.00	V	49.2	9.6	39.6	-40.0	58.4	829.3	5000.0	-15.6
19296.00	H	32.5	2.2	40.4	-28.3	46.8	217.9	5000.0	-27.2
19296.00	V	33.2	2.2	40.4	-28.3	47.5	236.2	5000.0	-26.5

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11g – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4824.00	H	41.2	5.7	34.6	-40.2	0.0	41.2	115.4	500.0	-12.7
4824.00	V	39.5	5.7	34.6	-40.2	0.0	39.5	94.3	500.0	-14.5
12060.00	H	35.4	8.6	38.7	-39.7	0.0	43.1	142.7	500.0	-10.9
12060.00	V	35.2	8.6	38.7	-39.7	0.0	42.8	138.8	500.0	-11.1
14472.00	H	34.4	9.6	39.6	-40.0	0.0	43.5	150.0	500.0	-10.5
14472.00	V	34.4	9.6	39.6	-40.0	0.0	43.5	150.2	500.0	-10.4
19296.00	H	18.4	2.2	40.4	-28.3	0.0	32.7	43.1	500.0	-21.3
19296.00	V	18.7	2.2	40.4	-28.3	0.0	33.0	44.5	500.0	-21.0

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11g – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2437.00	H	69.5	4.3	32.1	0.0	105.9	196545.4		
2437.00	V	70.8	4.3	32.1	0.0	107.2	228014.7		
9748.00	H	49.7	8.2	36.9	-39.6	55.3	578.8	22801.5	-31.9
9748.00	V	49.3	8.2	36.9	-39.6	54.9	557.2	22801.5	-32.2
14622.00	H	49.7	9.7	39.6	-40.2	58.8	875.8	22801.5	-28.3
14622.00	V	49.5	9.7	39.6	-40.2	58.6	851.0	22801.5	-28.6
17059.00	H	49.8	11.0	41.7	-38.8	63.7	1522.8	22801.5	-23.5
17059.00	V	50.1	11.0	41.7	-38.8	63.9	1572.7	22801.5	-23.2
21933.00	H	33.5	2.2	40.6	-29.1	47.2	228.1	22801.5	-40.0
21933.00	V	33.9	2.2	40.6	-29.1	47.6	238.5	22801.5	-39.6
24370.00	H	35.1	2.2	40.6	-30.1	47.8	244.9	22801.5	-39.4
24370.00	V	35.4	2.2	40.6	-30.1	48.1	253.2	22801.5	-39.1

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11g – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4874.00	H	57.0	5.7	34.5	-40.3	57.0	708.0	5000.0	-17.0
4874.00	V	53.5	5.7	34.5	-40.3	53.5	474.8	5000.0	-20.4
7311.00	H	50.9	6.9	35.7	-40.1	53.4	469.6	5000.0	-20.5
7311.00	V	51.3	6.9	35.7	-40.1	53.8	488.3	5000.0	-20.2
12185.00	H	49.7	8.9	38.8	-39.6	57.8	773.8	5000.0	-16.2
12185.00	V	49.9	8.9	38.8	-39.6	58.0	790.9	5000.0	-16.0
19496.00	H	31.7	2.2	40.4	-28.6	45.7	193.7	5000.0	-28.2
19496.00	V	32.4	2.2	40.4	-28.6	46.5	210.7	5000.0	-27.5

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11g – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4874.00	H	41.6	5.7	34.5	-40.3	0.0	41.7	121.2	500.0	-12.3
4874.00	V	37.2	5.7	34.5	-40.3	0.0	37.2	72.5	500.0	-16.8
7311.00	H	35.14	6.9	35.7	-40.1	0.0	37.6	76.2	500.0	-16.3
7311.00	V	35.1	6.9	35.7	-40.1	0.0	37.6	75.7	500.0	-16.4
12185.00	H	35.8	8.9	38.8	-39.6	0.0	43.8	155.5	500.0	-10.1
12185.00	V	35.8	8.9	38.8	-39.6	0.0	43.9	157.1	500.0	-10.1
19496.00	H	18.3	2.2	40.4	-28.6	0.0	32.3	41.4	500.0	-21.6
19496.00	V	18.4	2.2	40.4	-28.6	0.0	32.4	41.8	500.0	-21.6

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11g – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2462.00	H	67.4	4.3	32.1	0.0	103.8	154937.9		
2462.00	V	67.7	4.3	32.1	0.0	104.1	160382.7		
9848.00	H	49.3	8.3	36.9	-39.5	55.0	560.6	16038.3	-29.1
9848.00	V	49.0	8.3	36.9	-39.5	54.6	539.1	16038.3	-29.5
14772.00	H	48.5	9.8	39.6	-40.3	57.6	759.6	16038.3	-26.5
14772.00	V	49.4	9.8	39.6	-40.3	58.5	845.5	16038.3	-25.6
17234.00	H	48.3	11.0	41.3	-39.0	61.7	1217.8	16038.3	-22.4
17234.00	V	49.3	11.0	41.3	-39.0	62.7	1358.6	16038.3	-21.4
24620.00	H	34.5	2.2	40.6	-30.5	46.9	221.3	16038.3	-37.2
24620.00	V	34.6	2.2	40.6	-30.5	46.9	221.8	16038.3	-37.2

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11g – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4924.00	H	54.6	5.8	34.5	-40.3	54.6	538.5	5000.0	-19.4
4924.00	V	51.8	5.8	34.5	-40.3	51.8	388.3	5000.0	-22.2
7386.00	H	49.8	6.9	35.6	-40.1	52.3	411.6	5000.0	-21.7
7386.00	V	49.2	6.9	35.6	-40.1	51.7	382.8	5000.0	-22.3
12310.00	H	49.0	9.3	38.8	-39.6	57.5	753.7	5000.0	-16.4
12310.00	V	49.1	9.3	38.8	-39.6	57.7	764.2	5000.0	-16.3
19696.00	H	31.8	2.2	40.4	-28.3	46.2	204.3	5000.0	-27.8
19696.00	V	32.7	2.2	40.4	-28.3	47.1	225.3	5000.0	-26.9
22158.00	H	34.5	2.2	40.6	-29.1	48.2	257.3	5000.0	-25.8
22158.00	V	34.5	2.2	40.6	-29.1	48.2	257.6	5000.0	-25.8

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11g – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4924.00	H	37.1	5.8	34.5	-40.3	0.0	37.2	72.1	500.0	-16.8
4924.00	V	37.4	5.8	34.5	-40.3	0.0	37.5	74.6	500.0	-16.5
7386.00	H	34.62	6.9	35.6	-40.1	0.0	37.1	71.7	500.0	-16.9
7386.00	V	34.6	6.9	35.6	-40.1	0.0	37.1	71.4	500.0	-16.9
12310.00	H	35.1	9.3	38.8	-39.6	0.0	43.7	152.5	500.0	-10.3
12310.00	V	35.2	9.3	38.8	-39.6	0.0	43.7	153.7	500.0	-10.2
19696.00	H	18.0	2.2	40.4	-28.3	0.0	32.4	41.5	500.0	-21.6
19696.00	V	18.4	2.2	40.4	-28.3	0.0	32.8	43.5	500.0	-21.2
22158.00	H	20.5	2.2	40.6	-29.1	0.0	34.2	51.2	500.0	-19.8
22158.00	V	20.8	2.2	40.6	-29.1	0.0	34.5	53.3	500.0	-19.4

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11n – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2412.00	H	64.6	4.3	32.0	0.0	100.9	110848.6		
2412.00	V	65.7	4.3	32.0	0.0	102.0	125525.0		
7236.00	H	48.8	6.9	35.7	-40.1	51.3	368.4	12552.5	-30.6
7236.00	V	48.8	6.9	35.7	-40.1	51.3	367.9	12552.5	-30.7
9648.00	H	50.0	8.2	36.7	-39.6	55.3	583.5	12552.5	-26.7
9648.00	V	49.2	8.2	36.7	-39.6	54.5	532.8	12552.5	-27.4
16884.00	H	48.7	11.0	41.8	-38.8	62.5	1340.1	12552.5	-19.4
16884.00	V	48.8	11.0	41.8	-38.8	62.7	1366.6	12552.5	-19.3
21708.00	H	33.9	2.2	40.6	-28.7	48.1	253.4	12552.5	-33.9
21708.00	V	33.9	2.2	40.6	-28.7	48.0	251.9	12552.5	-33.9
24120.00	H	34.3	2.2	40.6	-30.3	46.9	220.7	12552.5	-35.1
24120.00	V	34.2	2.2	40.6	-30.3	46.8	218.4	12552.5	-35.2

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11n – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4824.00	H	51.4	5.7	34.6	-40.2	51.4	372.3	5000.0	-22.6
4824.00	V	49.7	5.7	34.6	-40.2	49.8	307.5	5000.0	-24.2
12060.00	H	49.4	8.6	38.7	-39.7	57.1	715.2	5000.0	-16.9
12060.00	V	48.8	8.6	38.7	-39.7	56.5	666.7	5000.0	-17.5
14472.00	H	49.0	9.6	39.6	-40.0	58.2	811.3	5000.0	-15.8
14472.00	V	49.6	9.6	39.6	-40.0	58.7	863.4	5000.0	-15.3
19296.00	H	32.2	2.2	40.4	-28.3	46.5	212.0	5000.0	-27.5
19296.00	V	33.2	2.2	40.4	-28.3	47.4	235.4	5000.0	-26.5

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11n – 2412MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4824.00	H	37.8	5.7	34.6	-40.2	0.0	37.8	77.8	500.0	-16.2
4824.00	V	36.4	5.7	34.6	-40.2	0.0	36.5	66.7	500.0	-17.5
12060.00	H	35.1	8.6	38.7	-39.7	0.0	42.7	137.1	500.0	-11.2
12060.00	V	35.1	8.6	38.7	-39.7	0.0	42.7	136.8	500.0	-11.3
14472.00	H	35.3	9.6	39.6	-40.0	0.0	44.4	166.0	500.0	-9.6
14472.00	V	35.3	9.6	39.6	-40.0	0.0	44.4	166.6	500.0	-9.5
19296.00	H	18.6	2.2	40.4	-28.3	0.0	32.8	43.9	500.0	-21.1
19296.00	V	18.8	2.2	40.4	-28.3	0.0	33.0	44.9	500.0	-20.9

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11n – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2437.00	H	67.0	4.3	32.1	0.0	103.4	147898.2		
2437.00	V	70.9	4.3	32.1	0.0	107.3	231186.7		
9748.00	H	49.3	8.2	36.9	-39.6	54.9	554.7	23118.7	-32.4
9748.00	V	49.4	8.2	36.9	-39.6	54.9	557.9	23118.7	-32.3
14622.00	H	49.4	9.7	39.6	-40.2	58.5	843.2	23118.7	-28.8
14622.00	V	49.6	9.7	39.6	-40.2	58.7	865.8	23118.7	-28.5
17059.00	H	49.4	11.0	41.7	-38.8	63.2	1450.9	23118.7	-24.0
17059.00	V	49.4	11.0	41.7	-38.8	63.3	1459.3	23118.7	-24.0
21933.00	H	33.2	2.2	40.6	-29.1	46.9	220.1	23118.7	-40.4
21933.00	V	33.9	2.2	40.6	-29.1	47.5	238.3	23118.7	-39.7
24370.00	H	35.5	2.2	40.6	-30.1	48.2	257.9	23118.7	-39.0
24370.00	V	35.8	2.2	40.6	-30.1	48.5	267.0	23118.7	-38.7

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11n – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4874.00	H	55.8	5.7	34.5	-40.3	55.8	615.9	5000.0	-18.2
4874.00	V	51.1	5.7	34.5	-40.3	51.2	361.4	5000.0	-22.8
7311.00	H	49.7	6.9	35.7	-40.1	52.2	407.1	5000.0	-21.8
7311.00	V	49.1	6.9	35.7	-40.1	51.6	379.0	5000.0	-22.4
12185.00	H	49.2	8.9	38.8	-39.6	57.3	730.5	5000.0	-16.7
12185.00	V	49.3	8.9	38.8	-39.6	57.4	742.3	5000.0	-16.6
19496.00	H	31.8	2.2	40.4	-28.6	45.8	194.8	5000.0	-28.2
19496.00	V	32.5	2.2	40.4	-28.6	46.6	213.1	5000.0	-27.4

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11n – 2437MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4874.00	H	41.0	5.7	34.5	-40.3	0.0	41.0	112.0	500.0	-13.0
4874.00	V	37.6	5.7	34.5	-40.3	0.0	37.6	75.8	500.0	-16.4
7311.00	H	34.78	6.9	35.7	-40.1	0.0	37.3	73.1	500.0	-16.7
7311.00	V	34.7	6.9	35.7	-40.1	0.0	37.2	72.4	500.0	-16.8
12185.00	H	35.6	8.9	38.8	-39.6	0.0	43.6	152.1	500.0	-10.3
12185.00	V	35.5	8.9	38.8	-39.6	0.0	43.6	151.7	500.0	-10.4
19496.00	H	18.1	2.2	40.4	-28.6	0.0	32.2	40.6	500.0	-21.8
19496.00	V	18.6	2.2	40.4	-28.6	0.0	32.6	42.8	500.0	-21.4

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11n – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Non-Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2462.00	H	65.9	4.3	32.1	0.0	102.3	130364.0		
2462.00	V	66.6	4.3	32.1	0.0	103.1	142284.5		
9848.00	H	49.7	8.3	36.9	-39.5	55.4	588.4	14228.5	-27.7
9848.00	V	50.1	8.3	36.9	-39.5	55.8	613.3	14228.5	-27.3
14772.00	H	49.9	9.8	39.6	-40.3	59.0	886.3	14228.5	-24.1
14772.00	V	49.2	9.8	39.6	-40.3	58.3	823.4	14228.5	-24.8
17234.00	H	49.6	11.0	41.3	-39.0	63.0	1417.7	14228.5	-20.0
17234.00	V	49.2	11.0	41.3	-39.0	62.6	1350.8	14228.5	-20.5
24620.00	H	35.6	2.2	40.6	-30.5	47.9	249.2	14228.5	-35.1
24620.00	V	34.6	2.2	40.6	-30.5	47.0	224.2	14228.5	-36.1

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11n – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions - Harmonics in Restricted Bands

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4924.00	H	52.0	5.8	34.5	-40.3	52.0	399.7	5000.0	-21.9
4924.00	V	49.6	5.8	34.5	-40.3	49.6	301.1	5000.0	-24.4
7386.00	H	49.5	6.9	35.6	-40.1	52.0	397.2	5000.0	-22.0
7386.00	V	49.4	6.9	35.6	-40.1	51.9	392.6	5000.0	-22.1
12310.00	H	49.5	9.3	38.8	-39.6	58.0	791.9	5000.0	-16.0
12310.00	V	49.0	9.3	38.8	-39.6	57.5	747.6	5000.0	-16.5
19696.00	H	32.4	2.2	40.4	-28.3	46.8	218.4	5000.0	-27.2
19696.00	V	32.0	2.2	40.4	-28.3	46.4	208.1	5000.0	-27.6
22158.00	H	34.2	2.2	40.6	-29.1	47.9	248.0	5000.0	-26.1
22158.00	V	34.7	2.2	40.6	-29.1	48.5	264.8	5000.0	-25.5

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8550W
 Mode : 802.11n – 2462MHz
 Test Specification : FCC-15.247, RSS-247 Radiated Spurious Emissions – Restricted Band Averages

Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4924.00	H	38.7	5.8	34.5	-40.3	0.0	38.7	86.2	500.0	-15.3
4924.00	V	35.7	5.8	34.5	-40.3	0.0	35.7	60.8	500.0	-18.3
7386.00	H	34.78	6.9	35.6	-40.1	0.0	37.3	73.0	500.0	-16.7
7386.00	V	34.8	6.9	35.6	-40.1	0.0	37.3	72.9	500.0	-16.7
12310.00	H	35.1	9.3	38.8	-39.6	0.0	43.7	152.5	500.0	-10.3
12310.00	V	35.3	9.3	38.8	-39.6	0.0	43.8	155.3	500.0	-10.2
19696.00	H	18.0	2.2	40.4	-28.3	0.0	32.4	41.5	500.0	-21.6
19696.00	V	18.2	2.2	40.4	-28.3	0.0	32.6	42.7	500.0	-21.4
22158.00	H	20.6	2.2	40.6	-29.1	0.0	34.3	52.0	500.0	-19.7
22158.00	V	20.7	2.2	40.6	-29.1	0.0	34.4	52.4	500.0	-19.6



Date: 19.MAY.2017 13:50:35

BAND EDGE

MANUFACTURER : Chamberlain Group, Inc.
 TEST ITEM : Marvell MW300 Wi-Fi Module
 MODEL NUMBER : 8587W
 TEST MODE : 802.11b – 2412MHz

NOTES

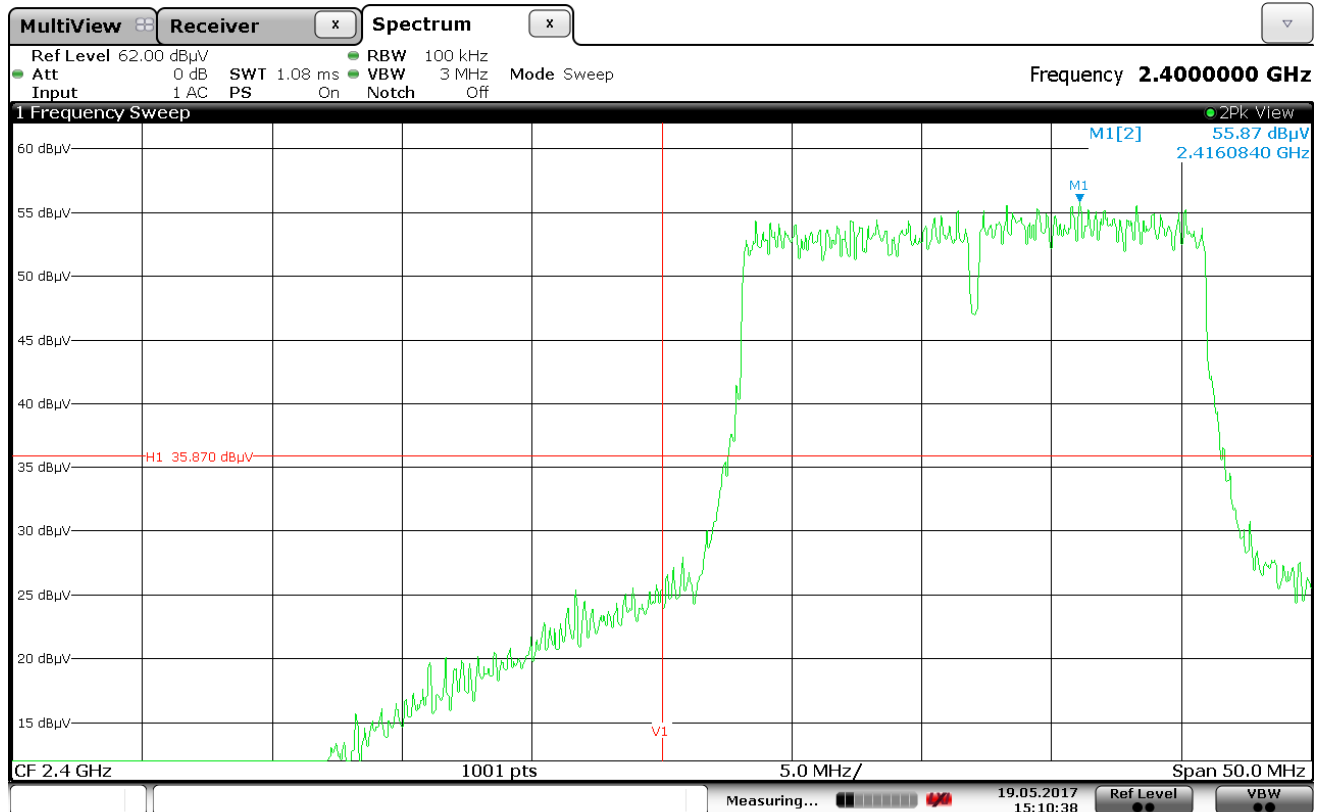


Date: 19.MAY.2017 13:50:35

BAND EDGE

MANUFACTURER : Chamberlain Group, Inc.
 TEST ITEM : Marvell MW300 Wi-Fi Module
 MODEL NUMBER : 8587W
 TEST MODE : 802.11g – 2412MHz

NOTES



Date: 19.MAY.2017 15:10:38

BAND EDGE

MANUFACTURER : Chamberlain Group, Inc.
TEST ITEM : Marvell MW300 Wi-Fi Module
MODEL NUMBER : 8587W
TEST MODE : 802.11n – 2412MHz

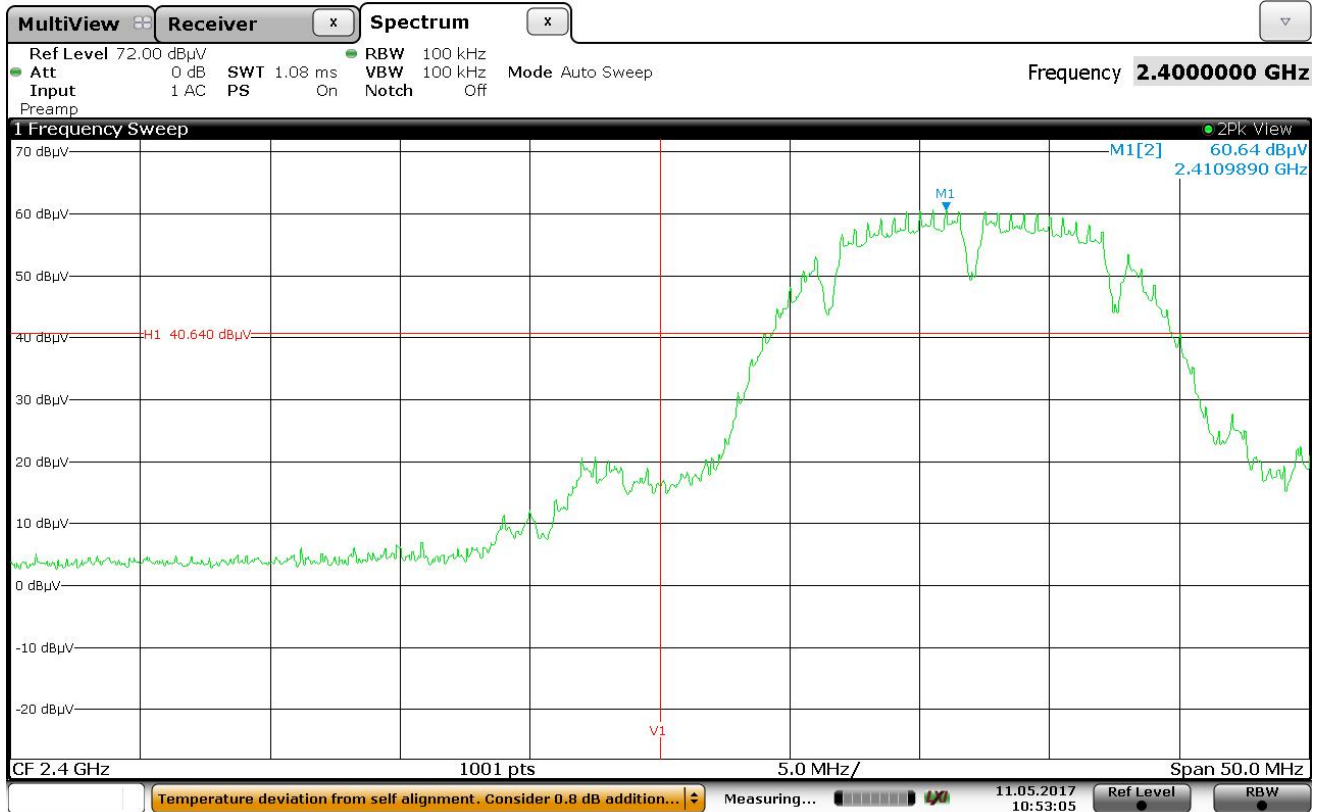
NOTES

DATA SHEET

Manufacturer : Chamberlain Group, Inc.
 Test Item : Marvell MW300 Wi-Fi Module
 Model No. : 8587W
 Test Specification : FCC-15.247, RSS-247 Band Edge Compliance

Mode	Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
802.11b	2483.50	H	20.9	3.4	32.2	0.0	56.5	668.1	5000.0	-17.5	3.4
802.11b	2483.50	V	25.4	3.4	32.2	0.0	61.0	1121.7	5000.0	-13.0	3.4
802.11g	2484.60	H	24.0	3.4	32.2	0.0	59.6	955.0	5000.0	-14.4	3.4
802.11g	2484.58	V	32.7	3.4	32.2	0.0	68.3	2600.2	5000.0	-5.7	3.4
802.11n	2483.50	H	28.6	3.4	32.2	0.0	64.2	1621.3	5000.0	-9.8	3.4
802.11n	2483.60	V	33.1	3.4	32.2	0.0	68.7	2722.0	5000.0	-5.3	3.4

Mode	Freq. MHz	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
802.11b	2483.50	H	1.2	3.4	32.2	0.0	5.7	42.5	133.3	500.0	-11.5
802.11b	2483.50	V	0.7	3.4	32.2	0.0	5.7	42.0	125.9	500.0	-12.0
802.11g	2484.60	H	7.9	3.4	32.2	0.0	0.0	43.5	149.6	500.0	-10.5
802.11g	2484.58	V	14.6	3.4	32.2	0.0	0.0	50.2	323.6	500.0	-3.8
802.11n	2483.50	H	11.4	3.4	32.2	0.0	0.0	47.0	223.8	500.0	-7.0
802.11n	2483.60	V	13.5	3.4	32.2	0.0	0.0	49.1	285.0	500.0	-4.9



Date: 11.MAY.2017 10:53:05

BAND EDGE

MANUFACTURER : Chamberlain Group, Inc.
 TEST ITEM : Marvell MW300 Wi-Fi Module
 MODEL NUMBER : 8550W
 TEST MODE : 802.11b – 2412MHz

NOTES



Date: 15.MAY.2017 15:03:48

BAND EDGE

MANUFACTURER : Chamberlain Group, Inc.
 TEST ITEM : Marvell MW300 Wi-Fi Module
 MODEL NUMBER : 8550W
 TEST MODE : 802.11b – 2483.5MHz

NOTES

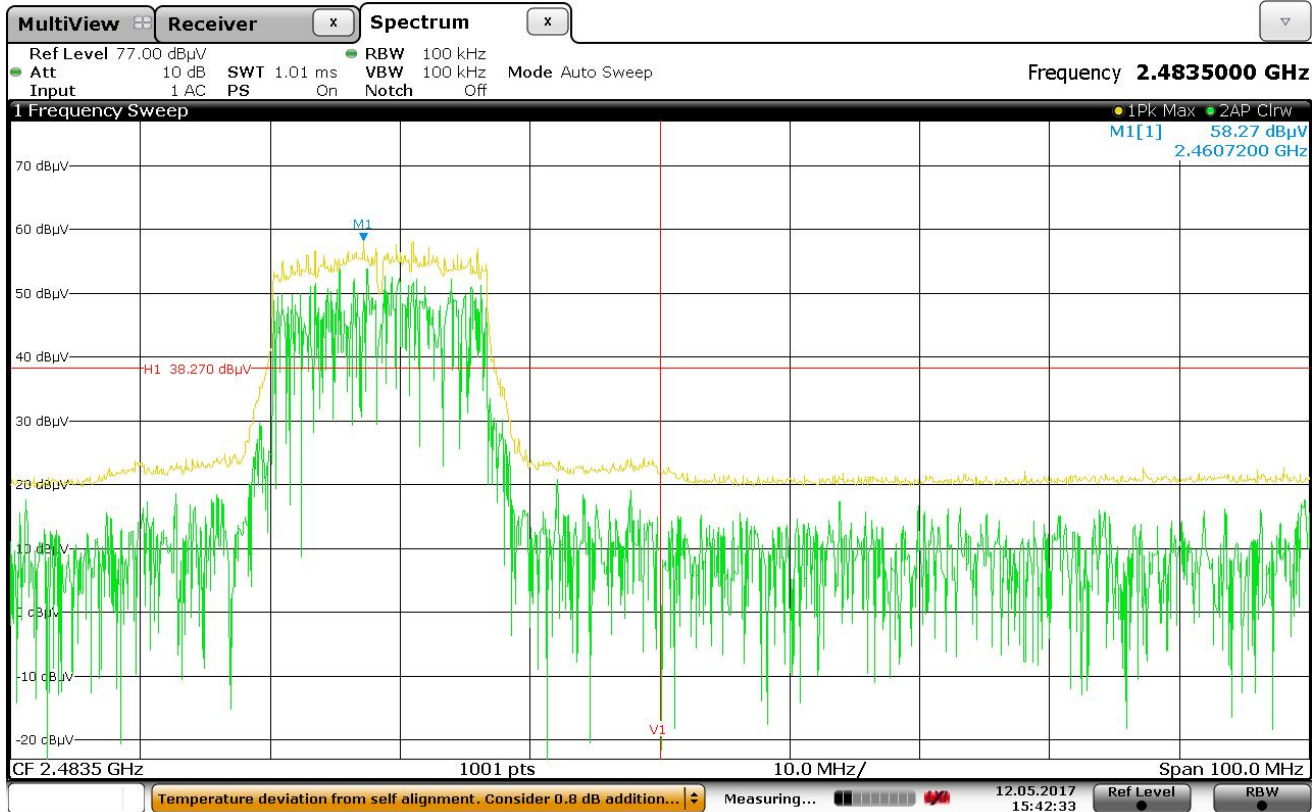


Date: 12.MAY.2017 10:52:16

BAND EDGE

MANUFACTURER : Chamberlain Group, Inc.
TEST ITEM : Marvell MW300 Wi-Fi Module
MODEL NUMBER : 8550W
TEST MODE : 802.11g – 2412MHz

NOTES

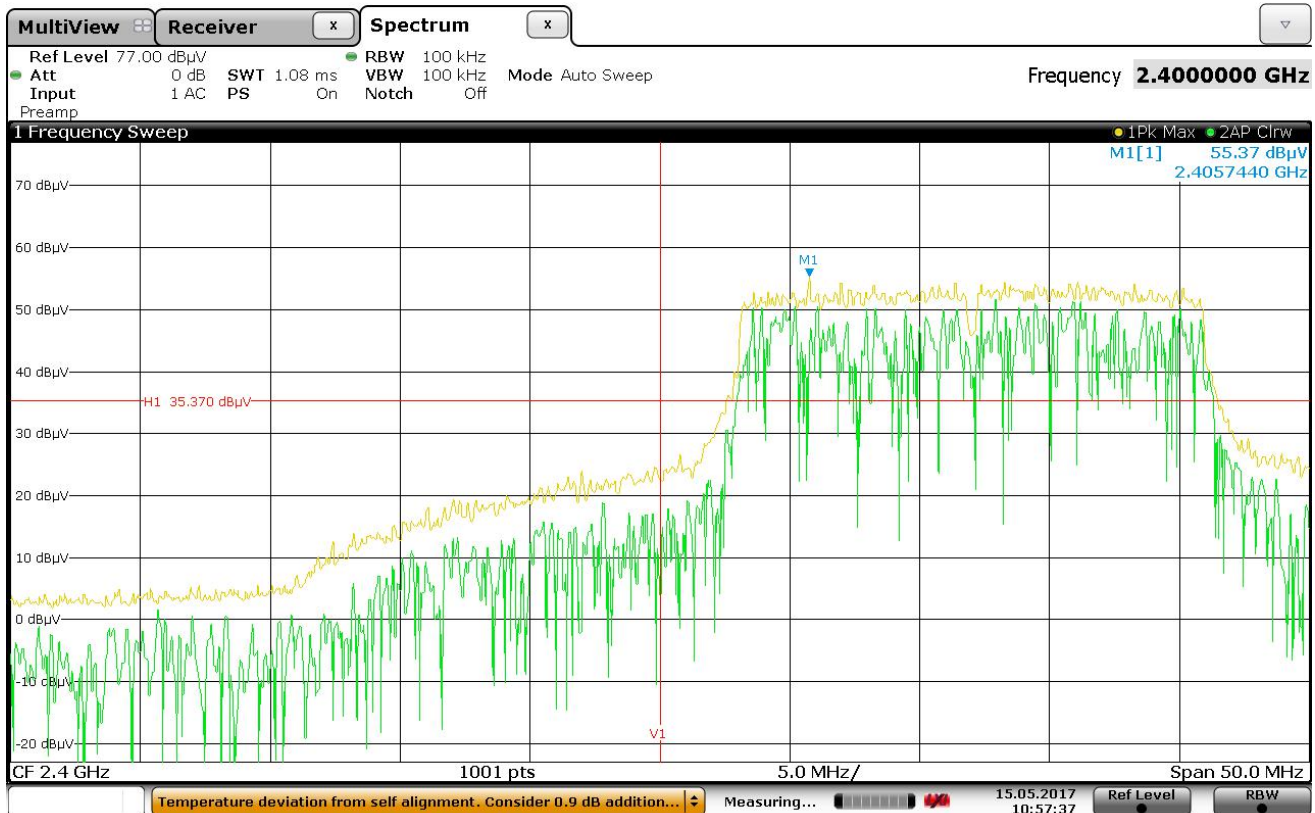


Date: 12.MAY.2017 15:42:33

BAND EDGE

MANUFACTURER : Chamberlain Group, Inc.
TEST ITEM : Marvell MW300 Wi-Fi Module
MODEL NUMBER : 8550W
TEST MODE : 802.11g – 2483.5MHz

NOTES



Date: 15.MAY.2017 10:57:37

BAND EDGE

MANUFACTURER : Chamberlain Group, Inc.
 TEST ITEM : Marvell MW300 Wi-Fi Module
 MODEL NUMBER : 8550W
 TEST MODE : 802.11n – 2412MHz

NOTES



Date: 15.MAY.2017 13:52:20

BAND EDGE

MANUFACTURER : Chamberlain Group, Inc.
TEST ITEM : Marvell MW300 Wi-Fi Module
MODEL NUMBER : 8550W
TEST MODE : 802.11n – 2483.5MHz

NOTES