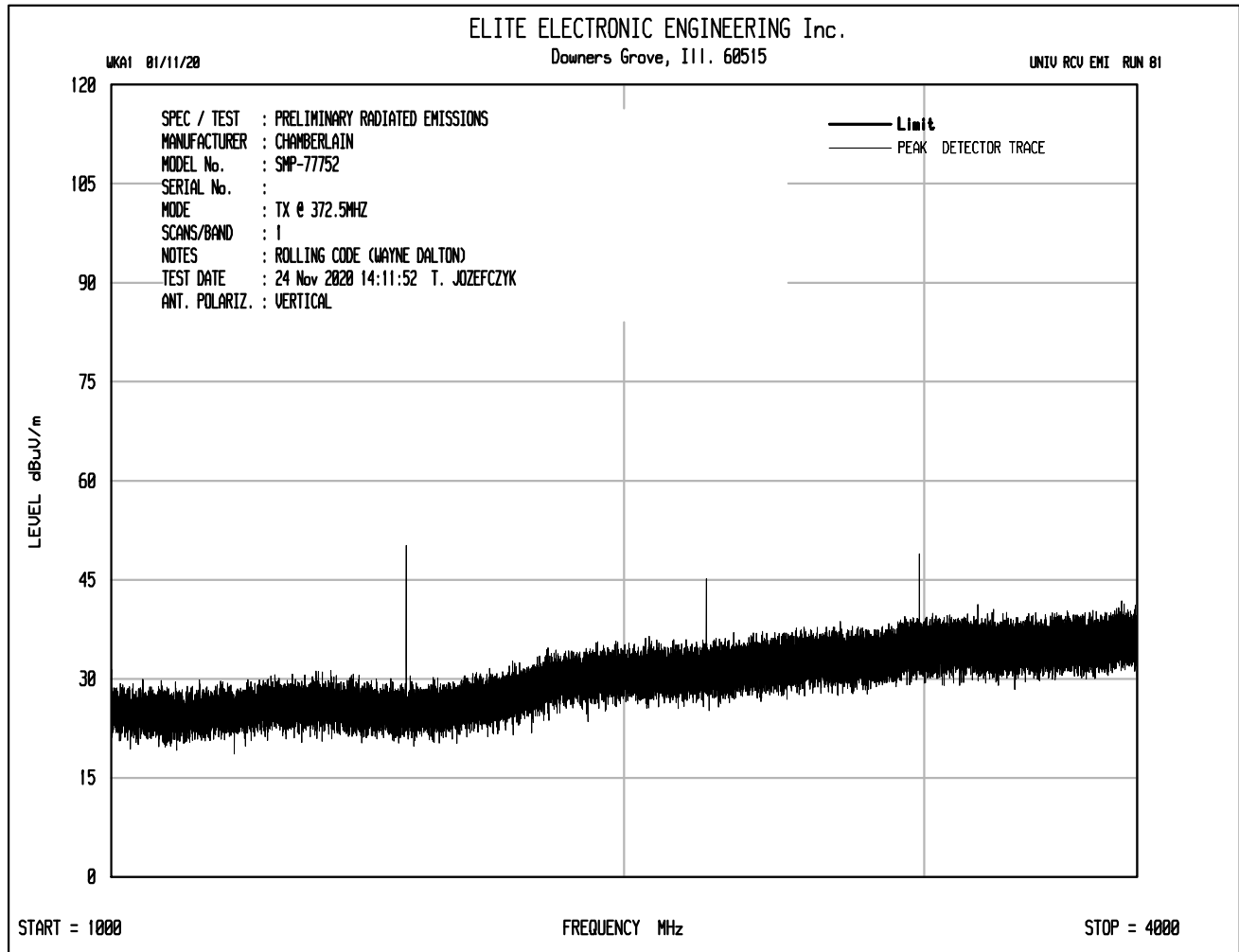
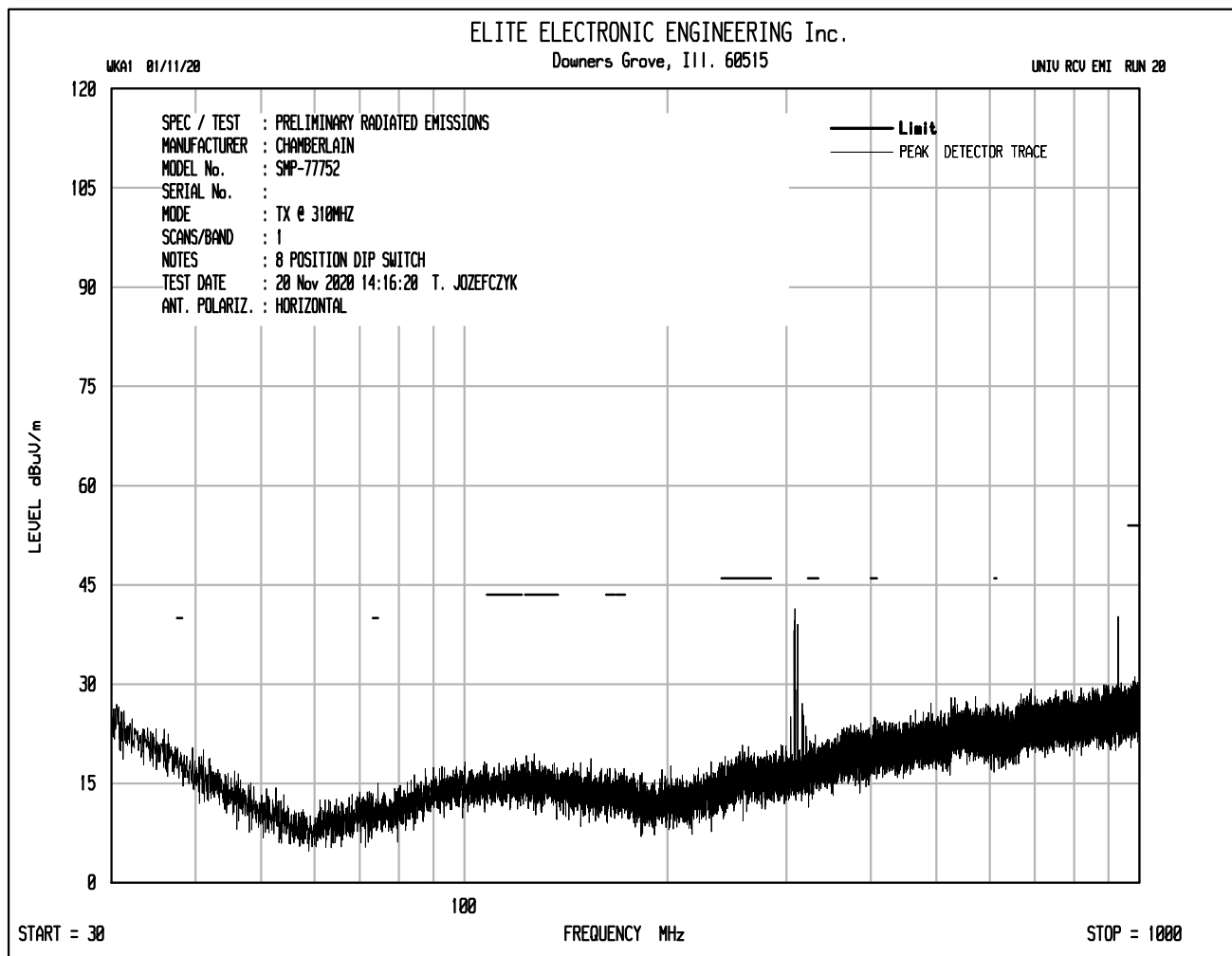
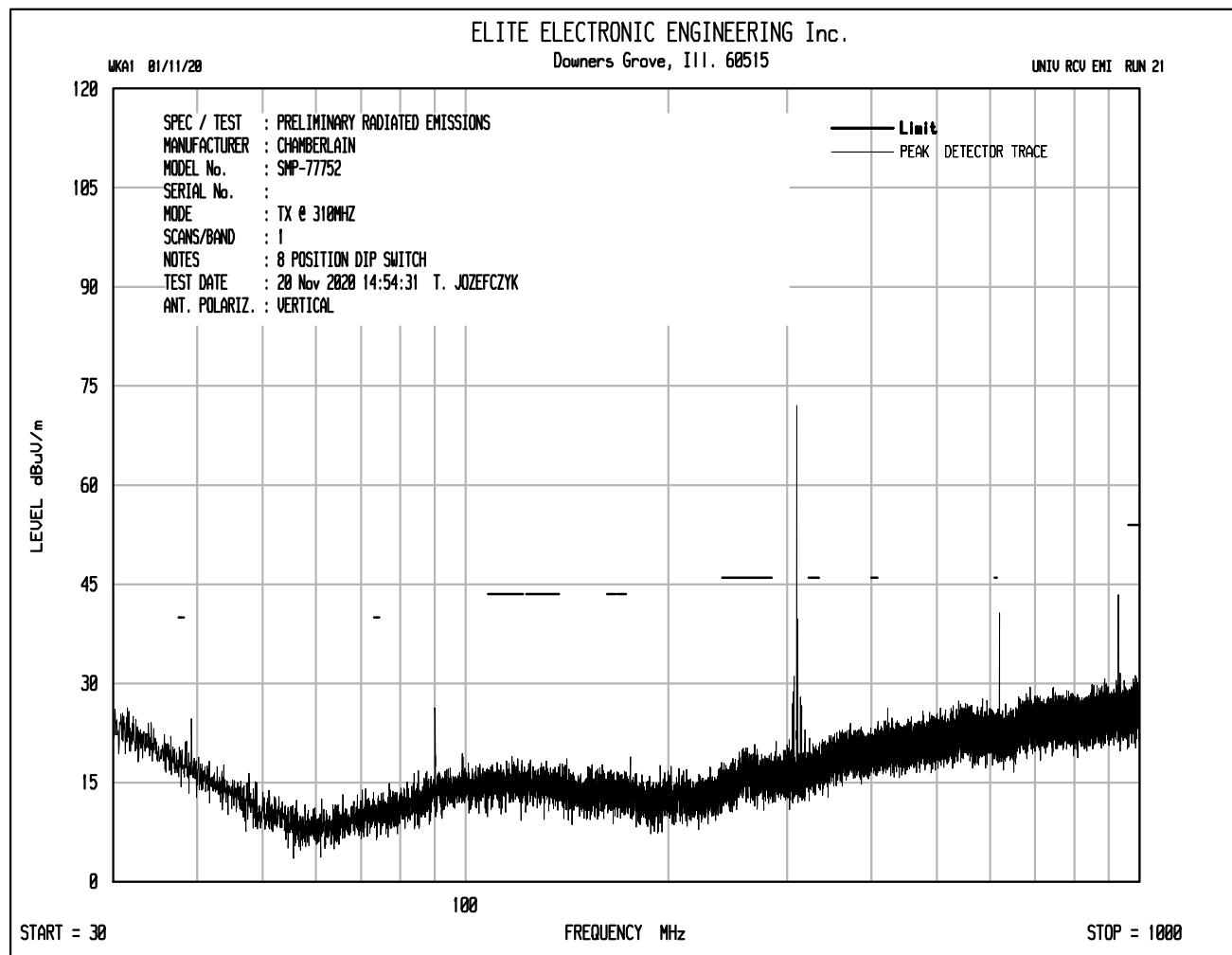
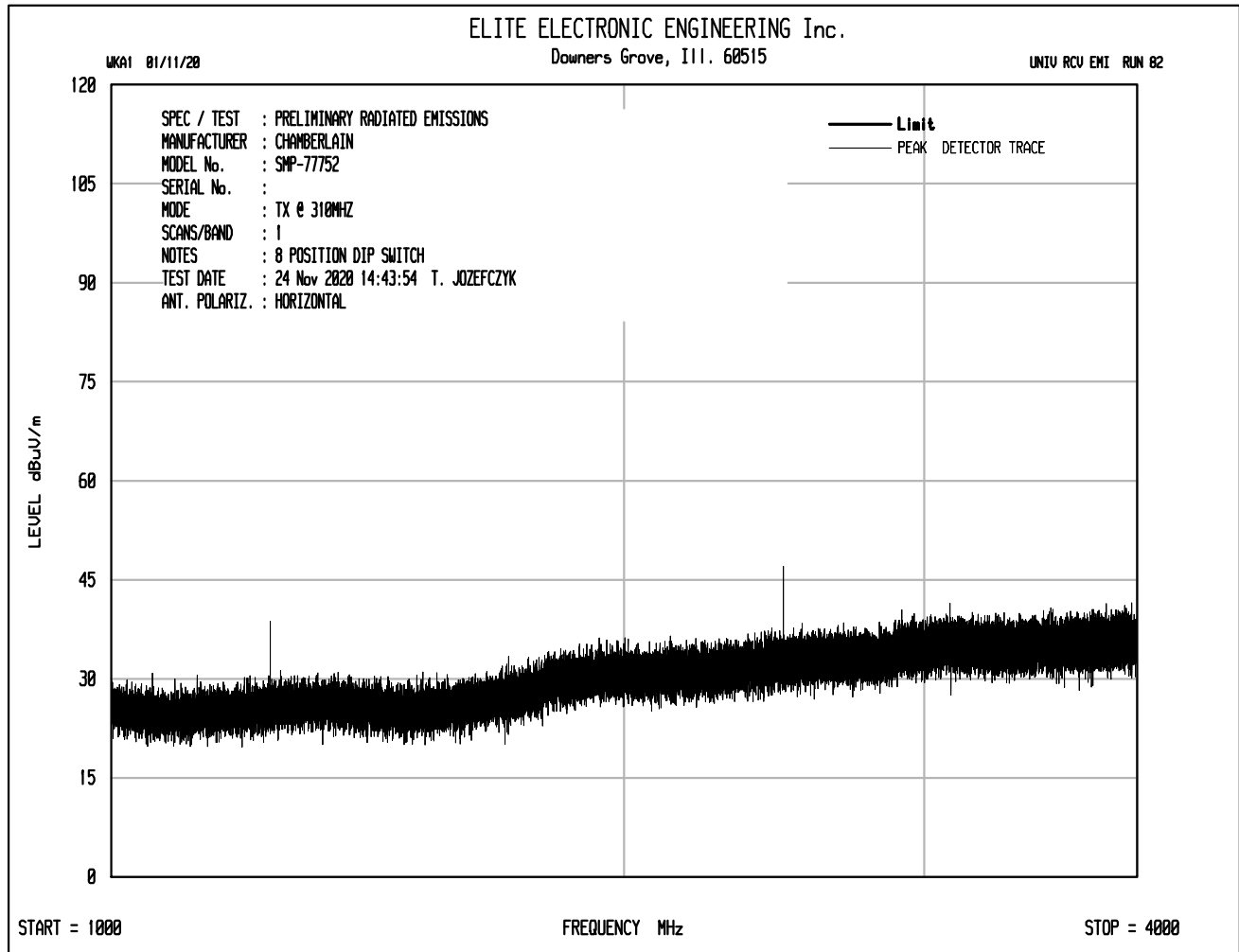
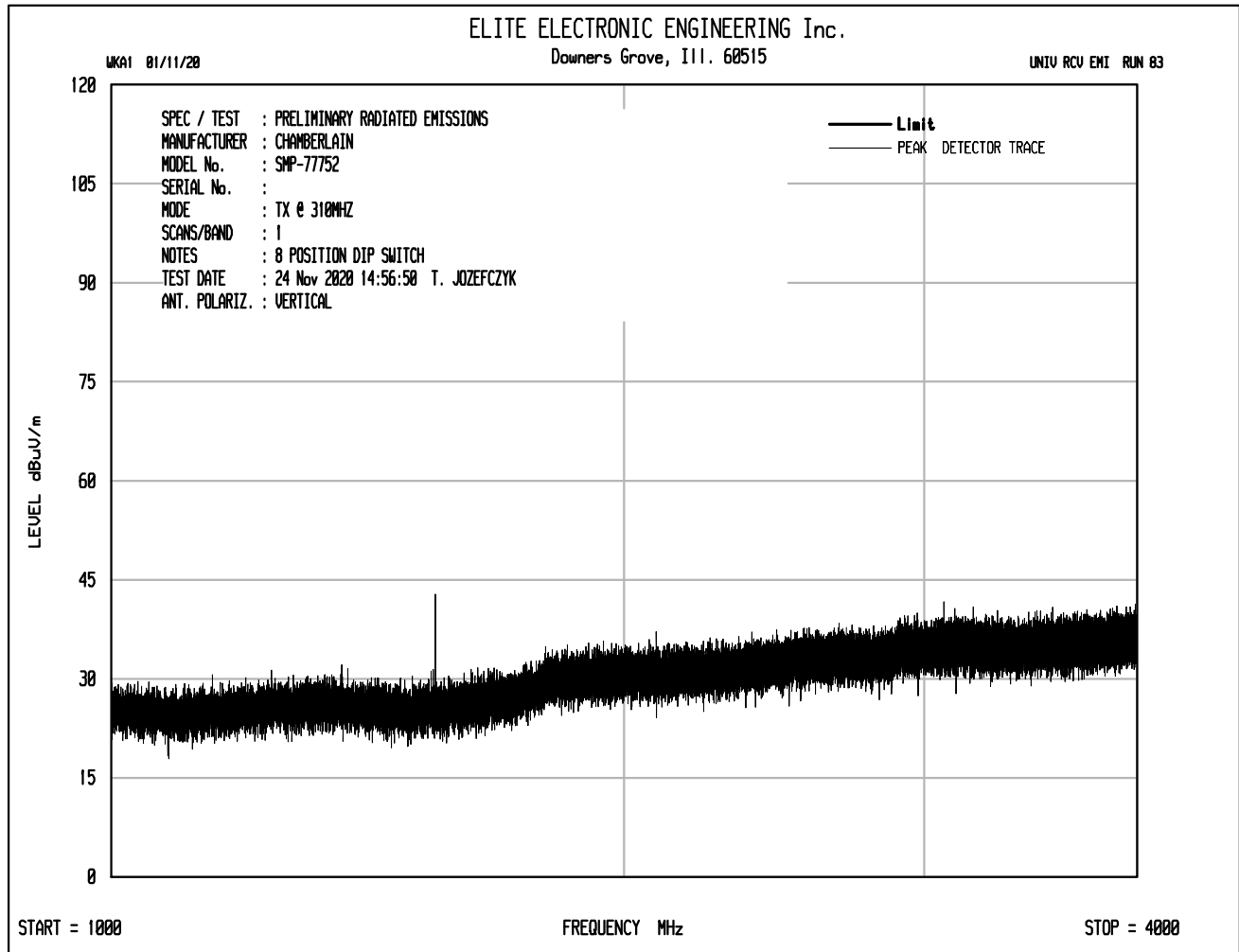


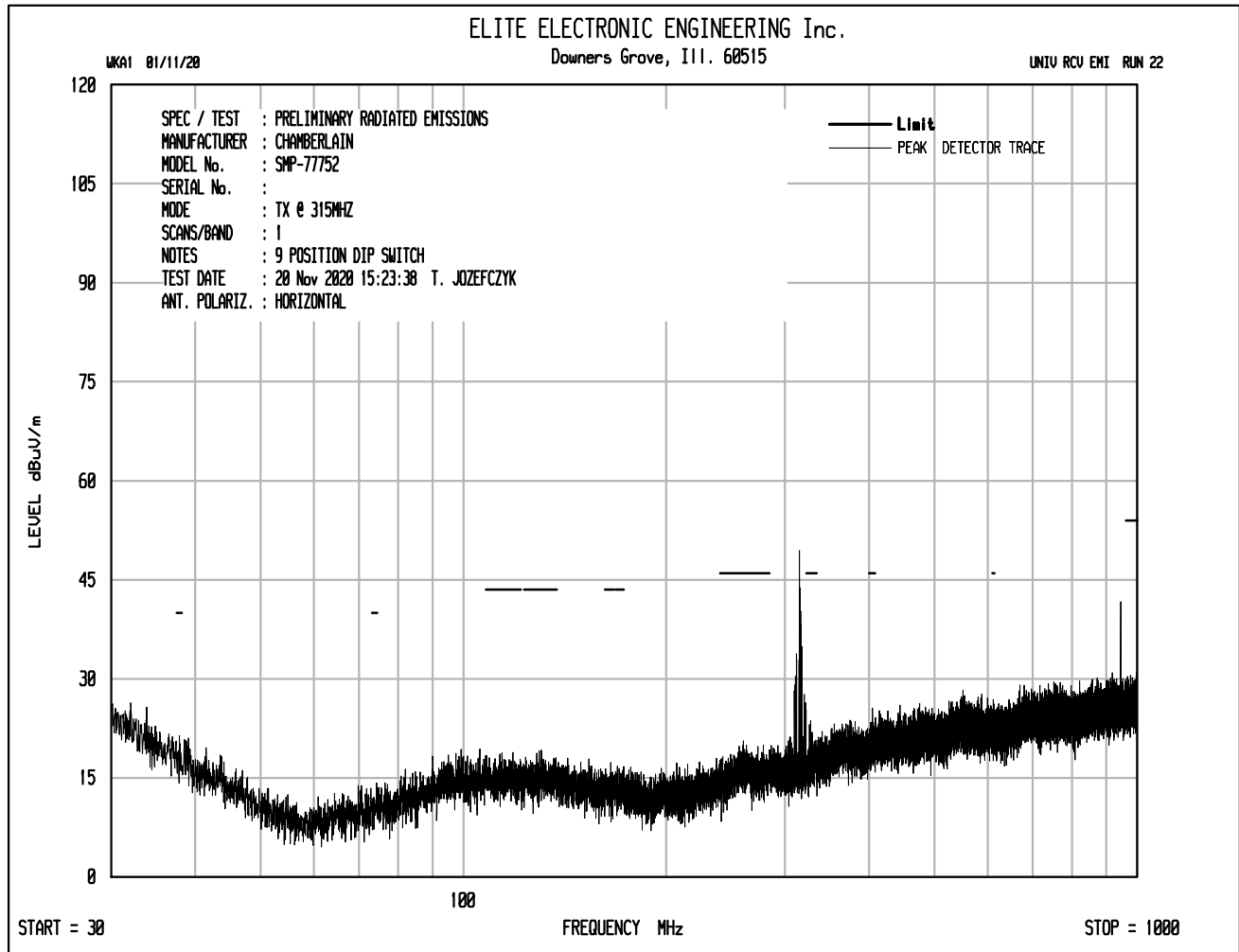


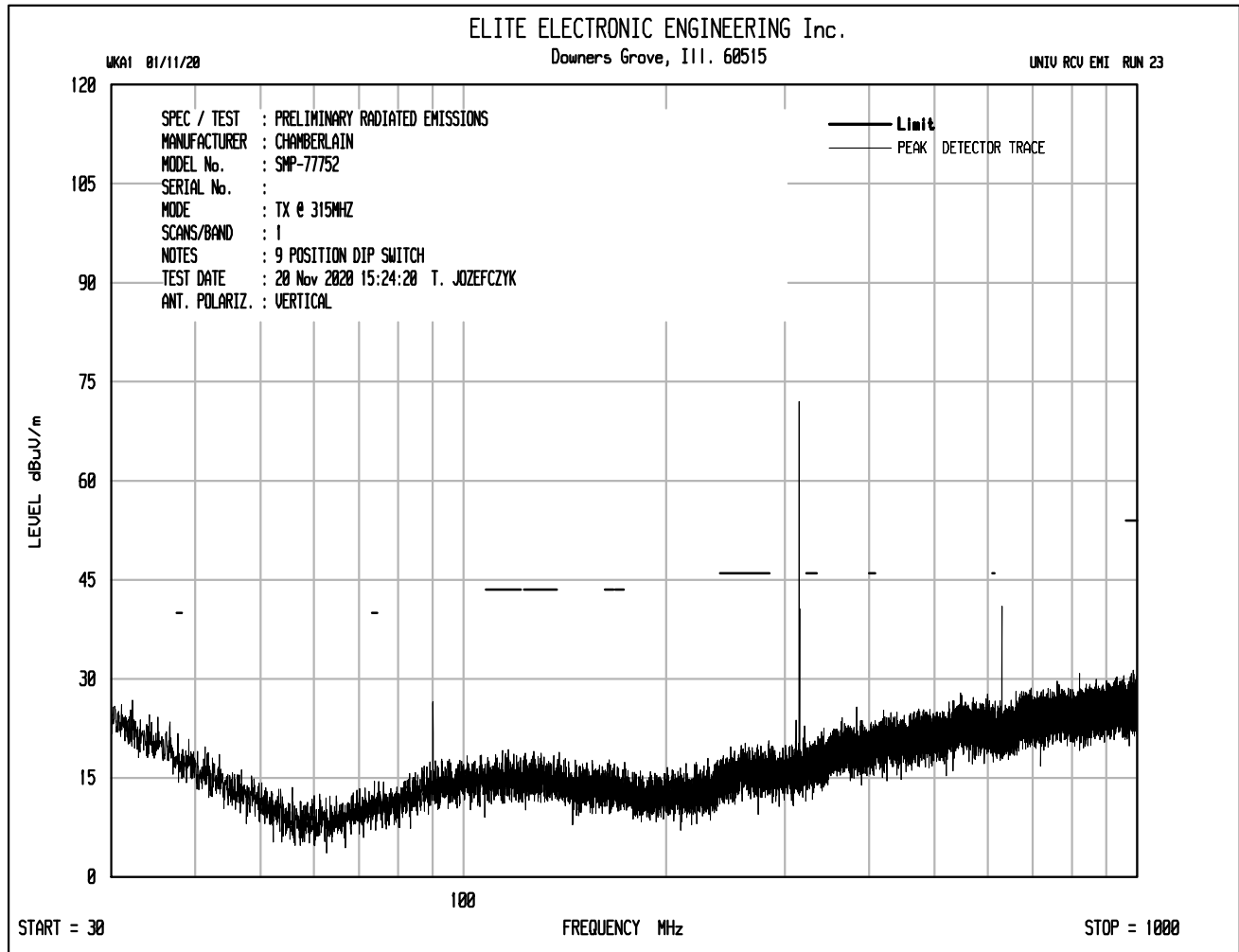


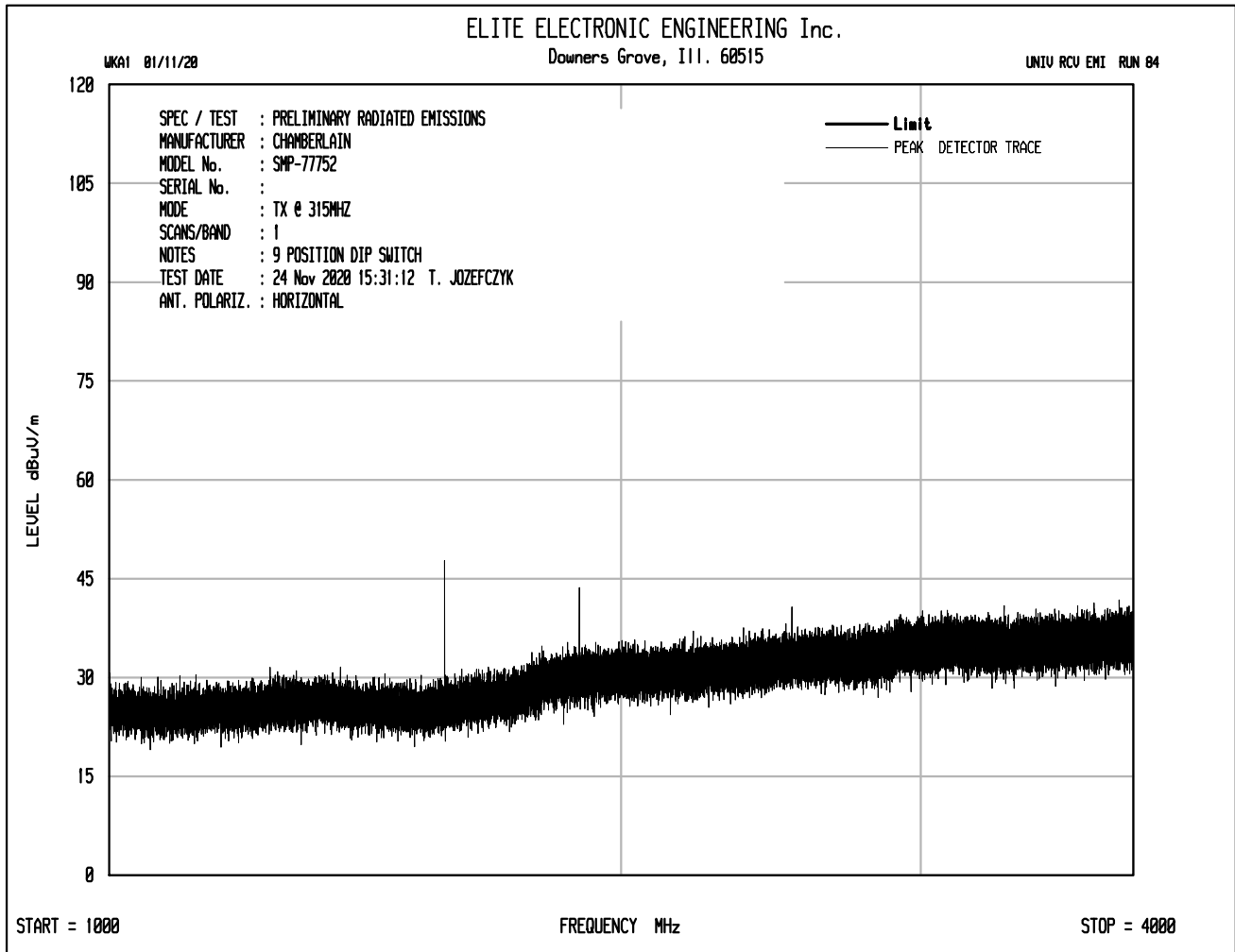


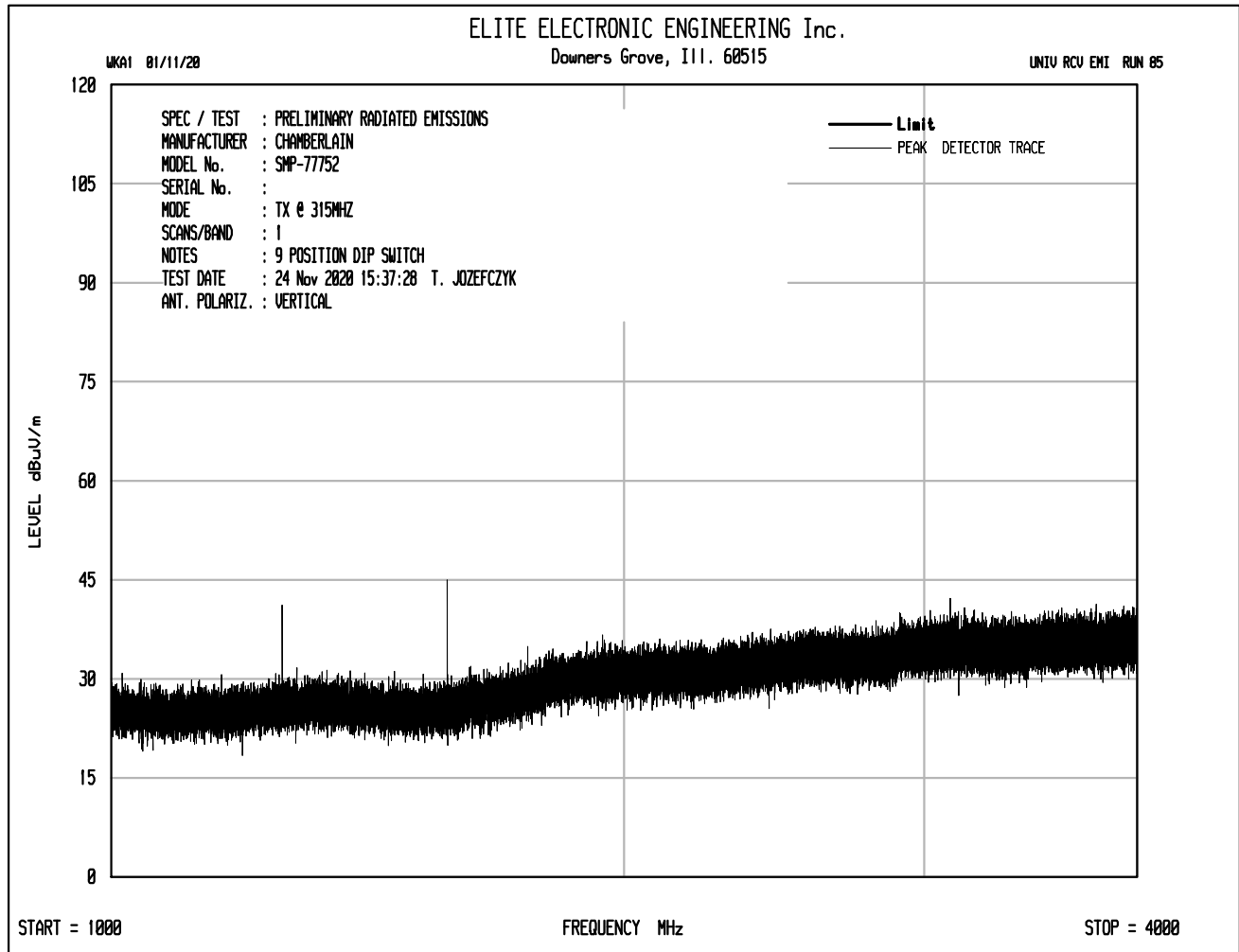


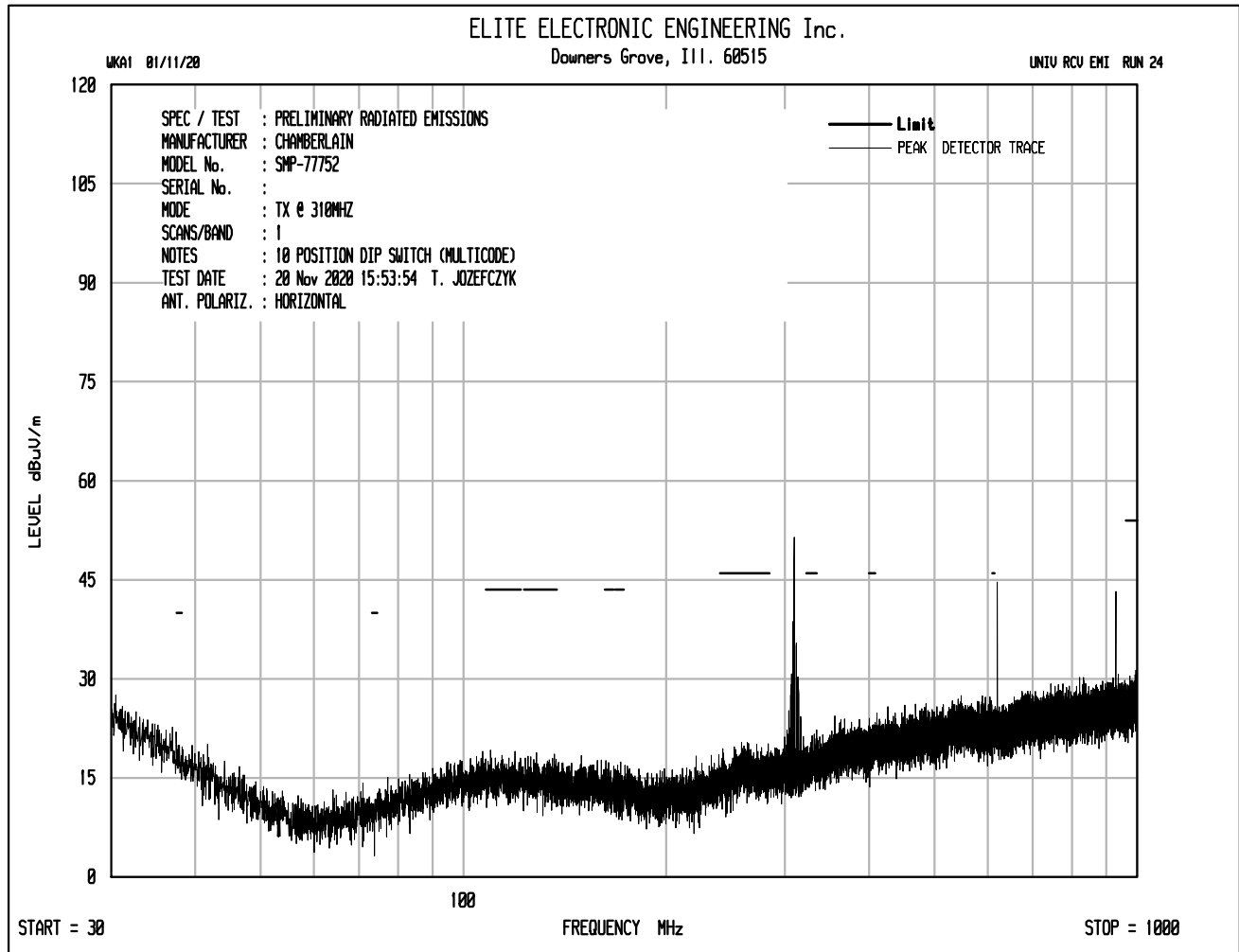


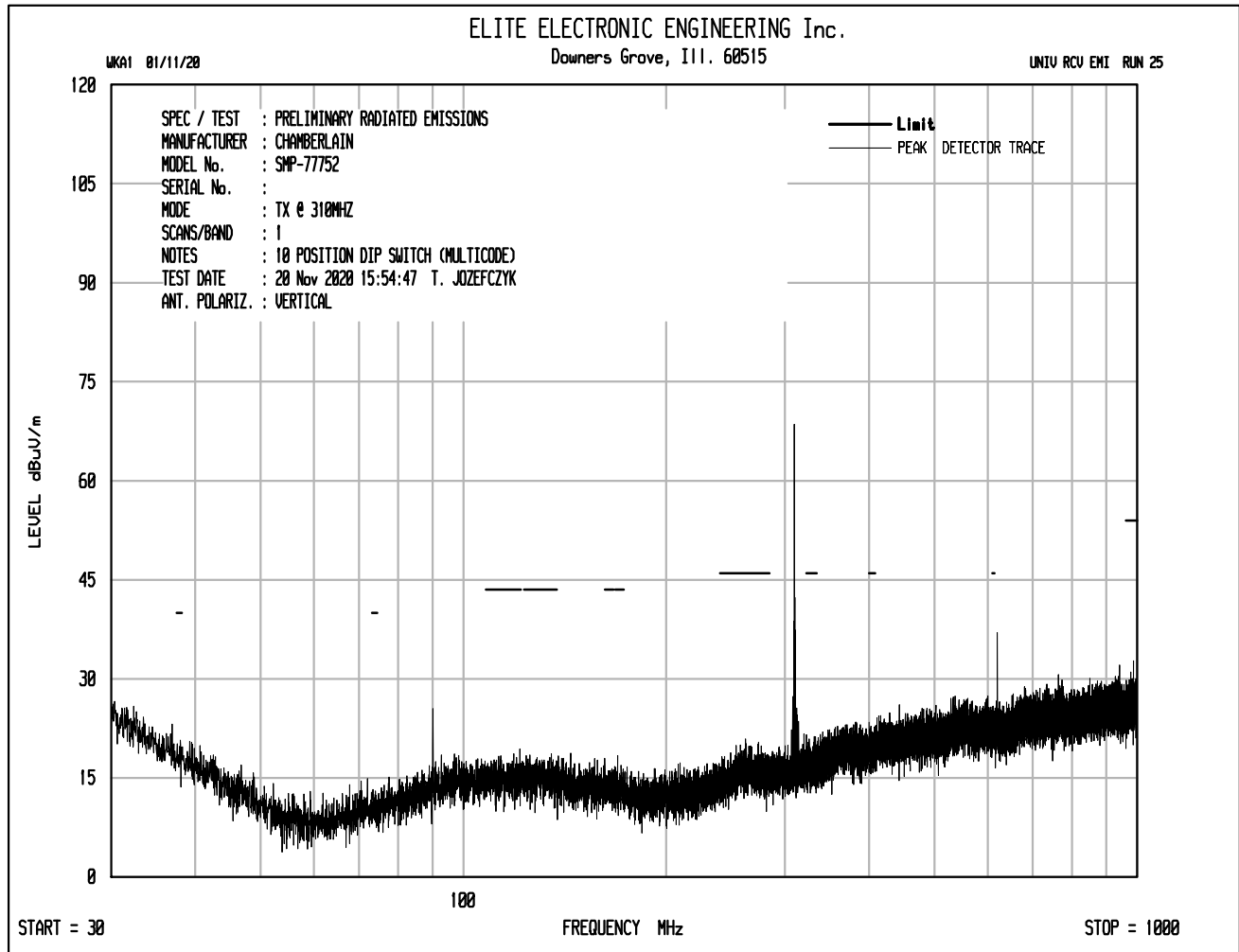


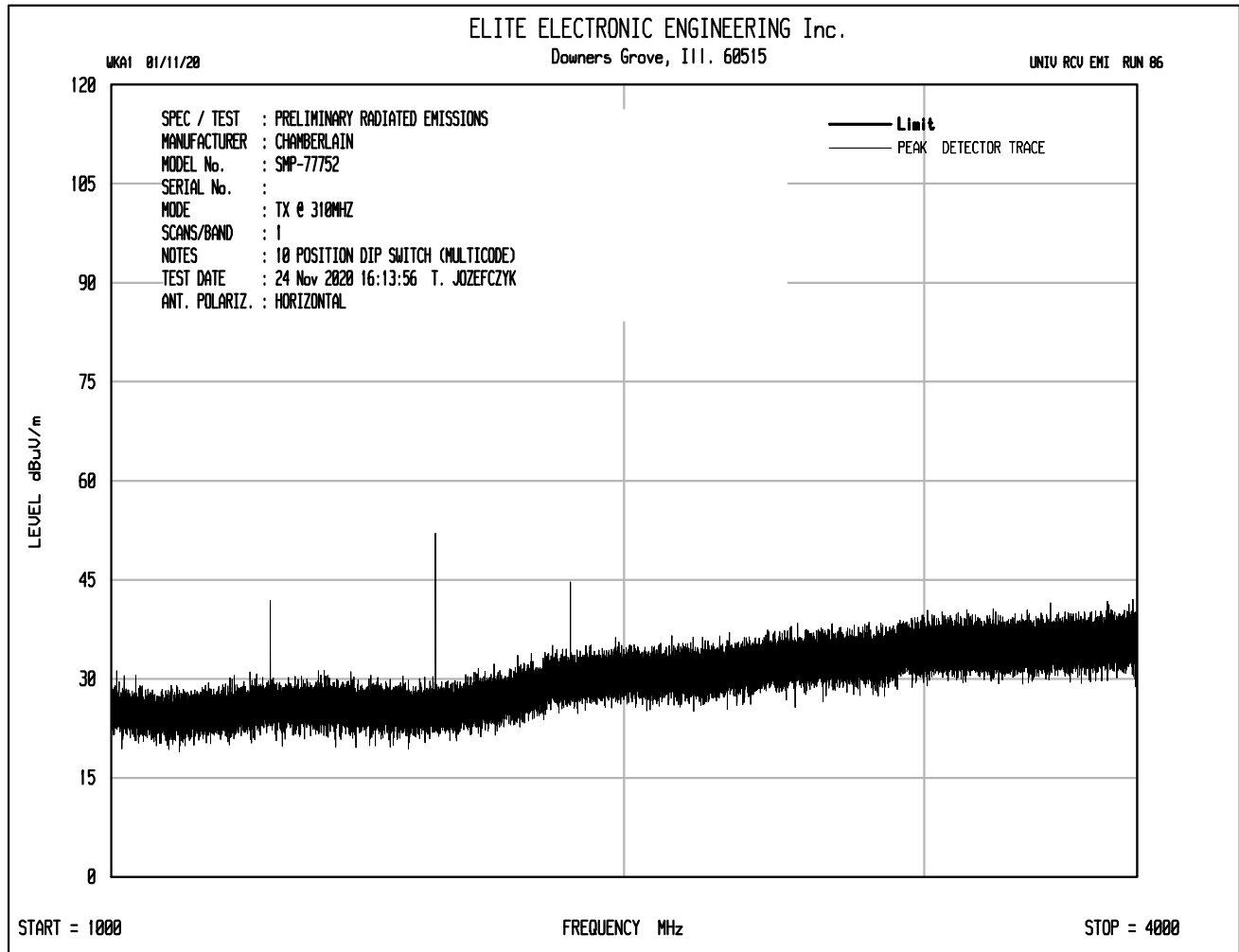


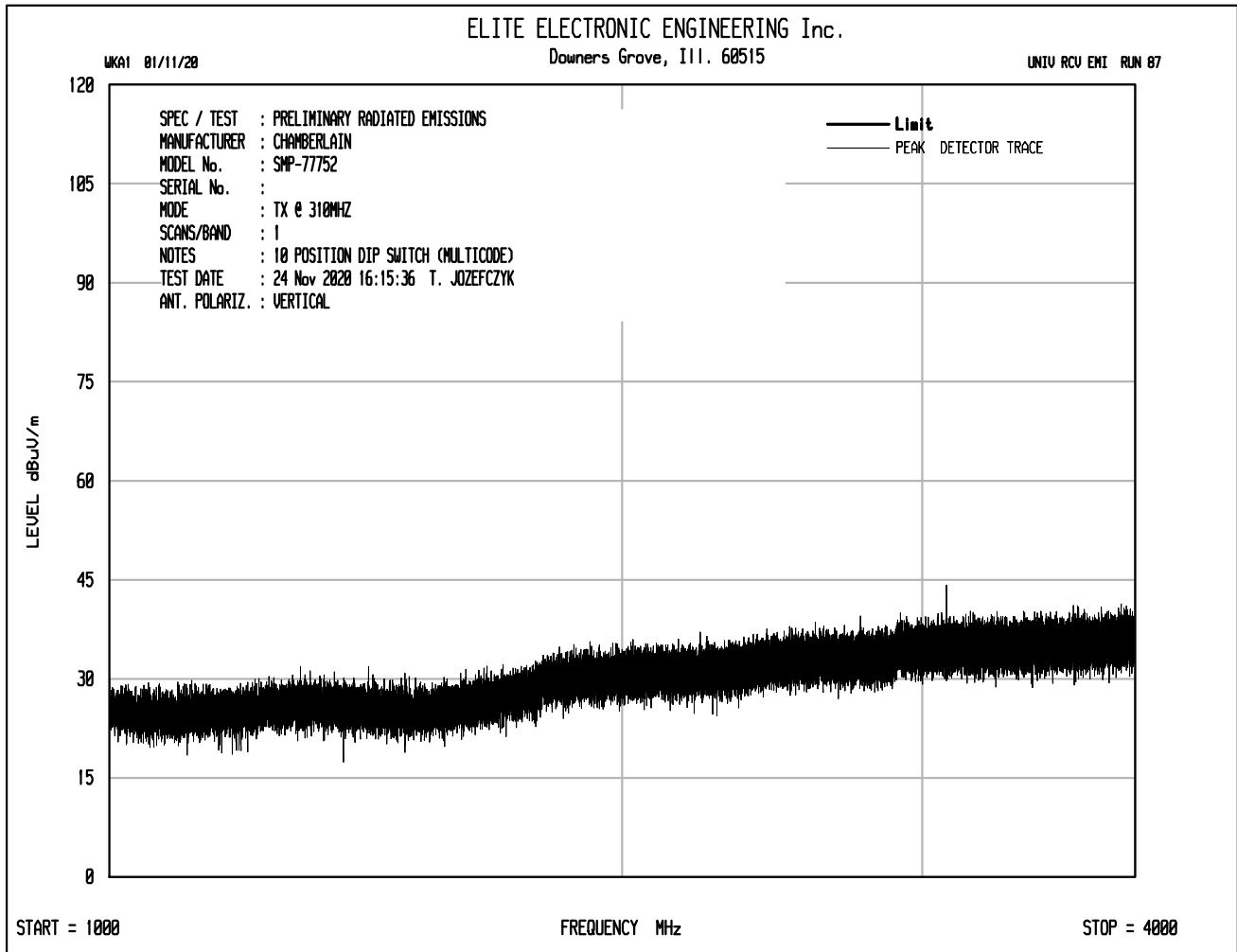


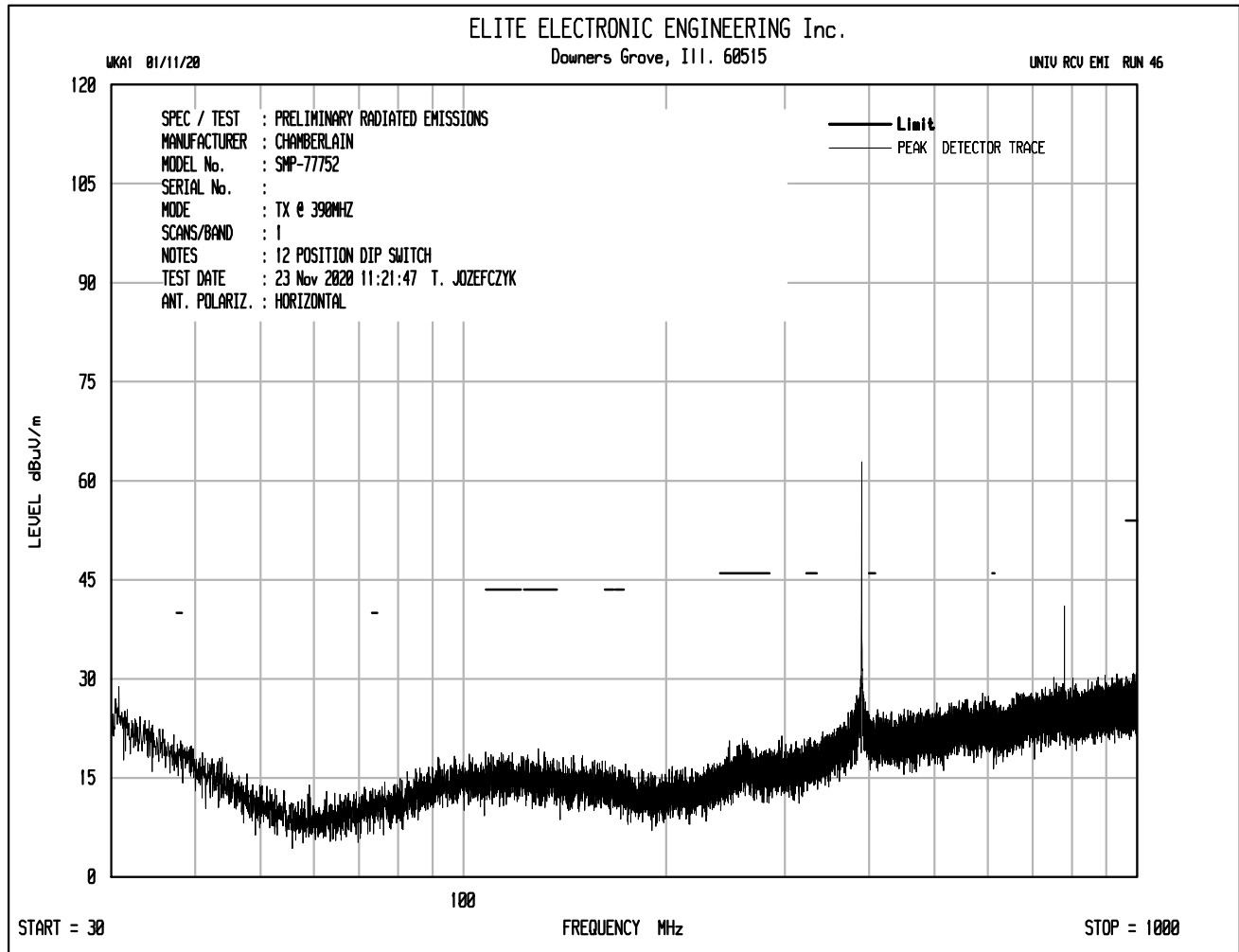


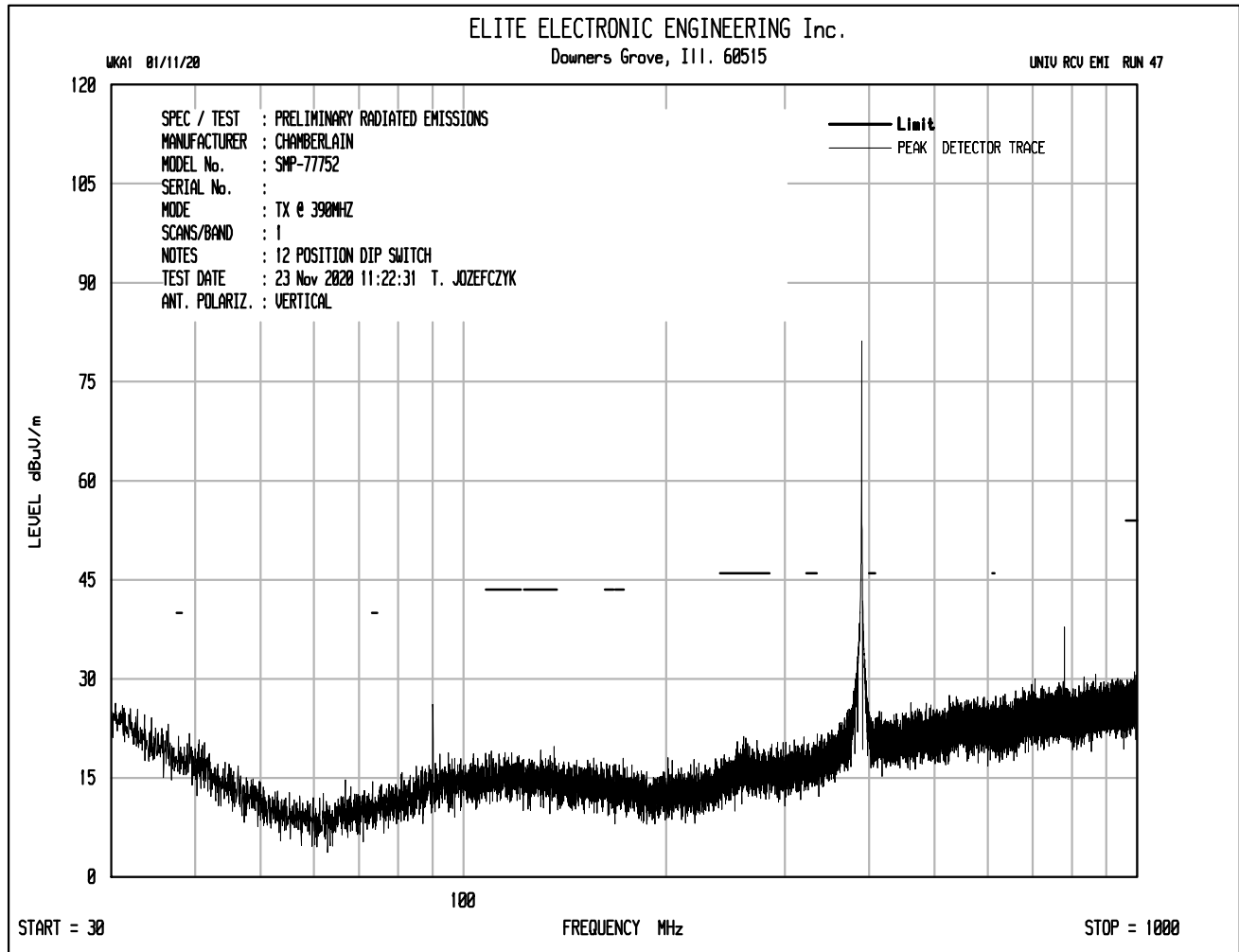


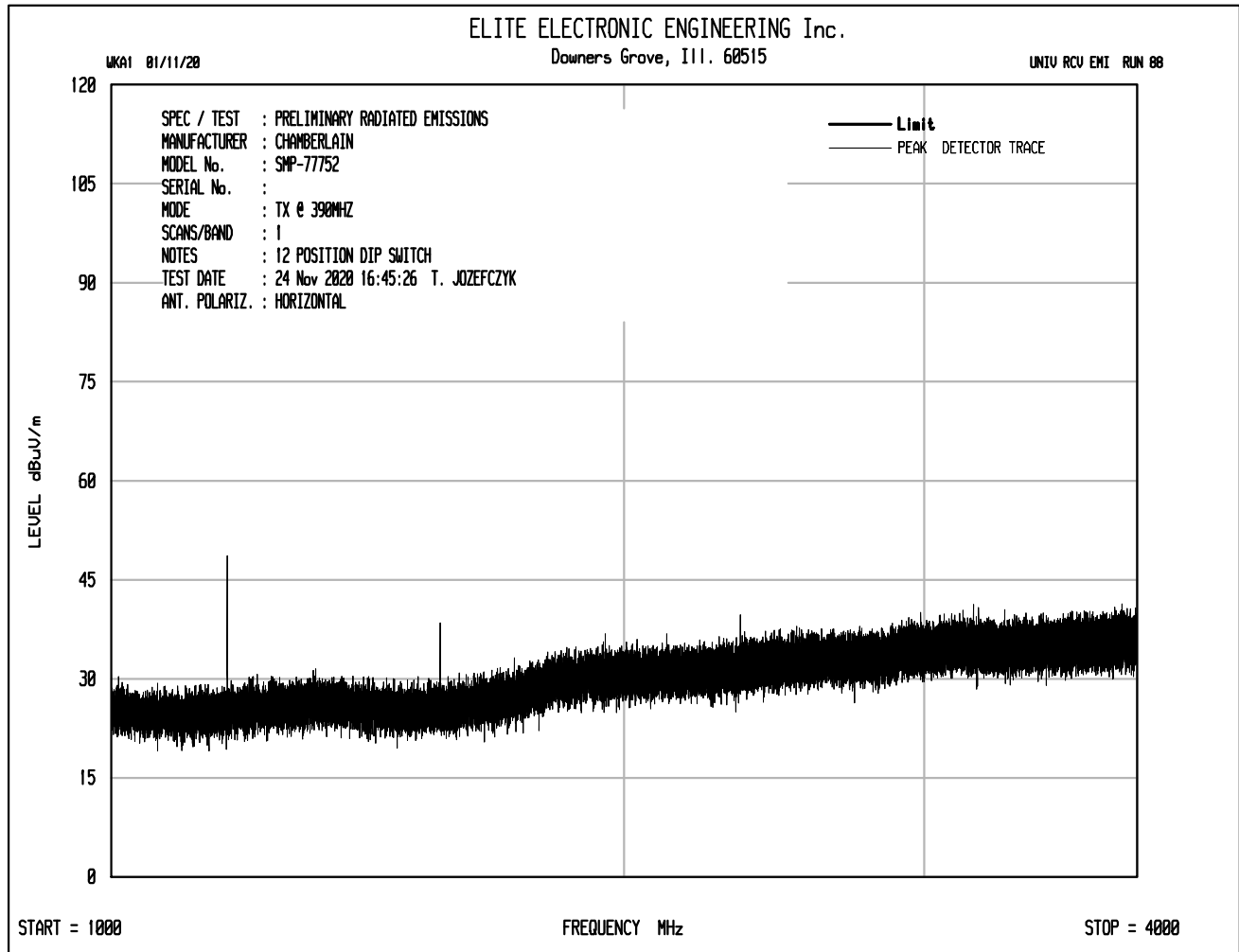


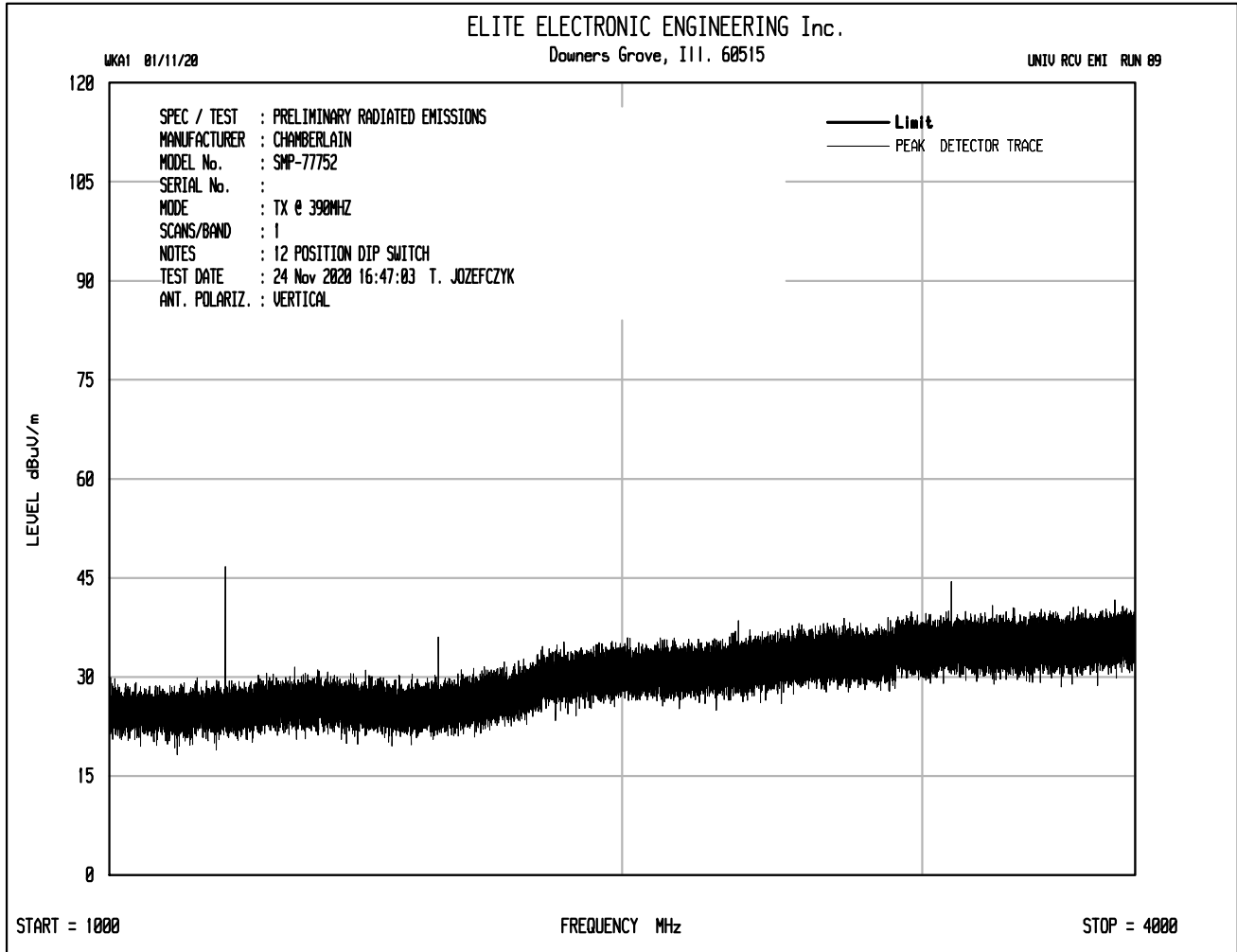


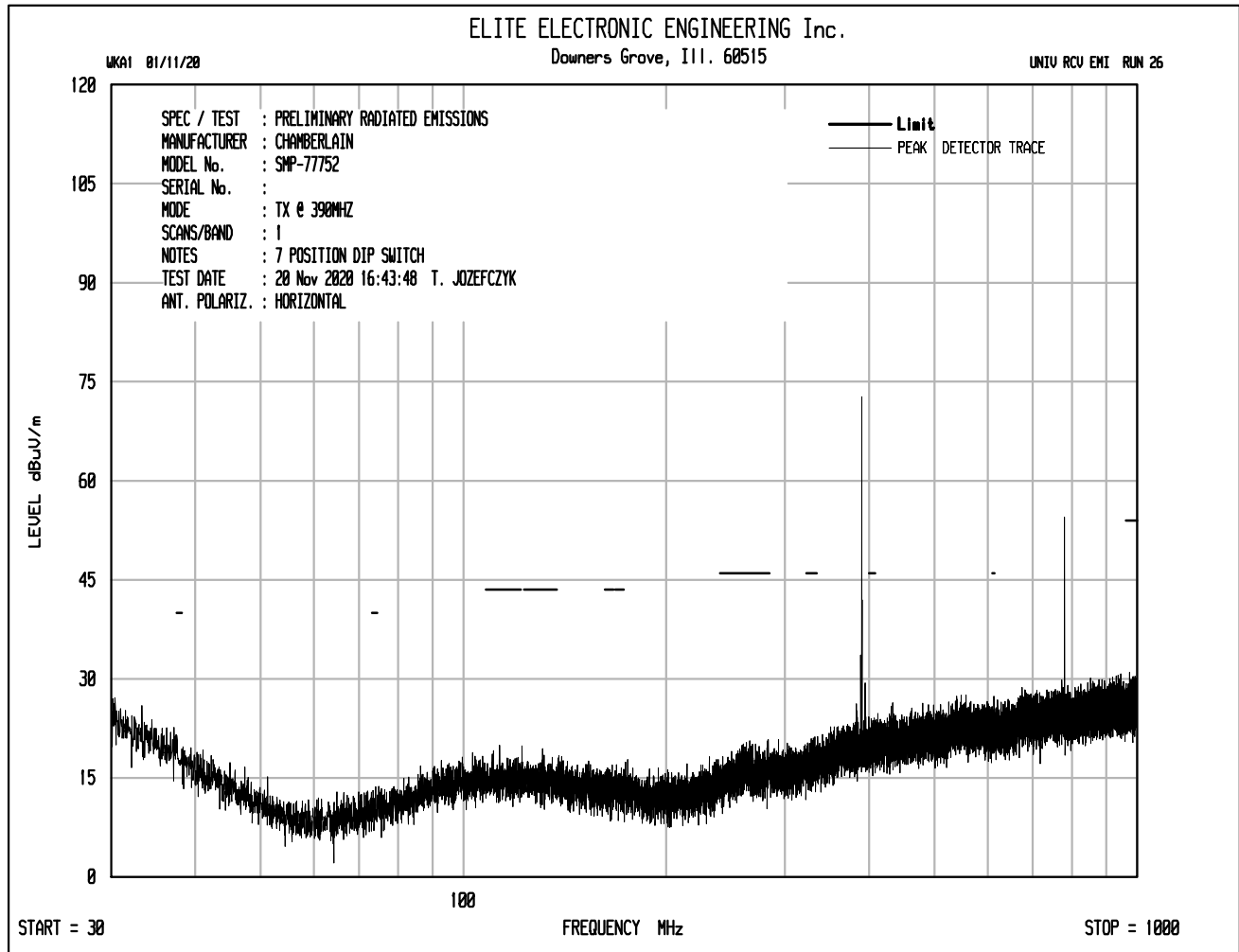


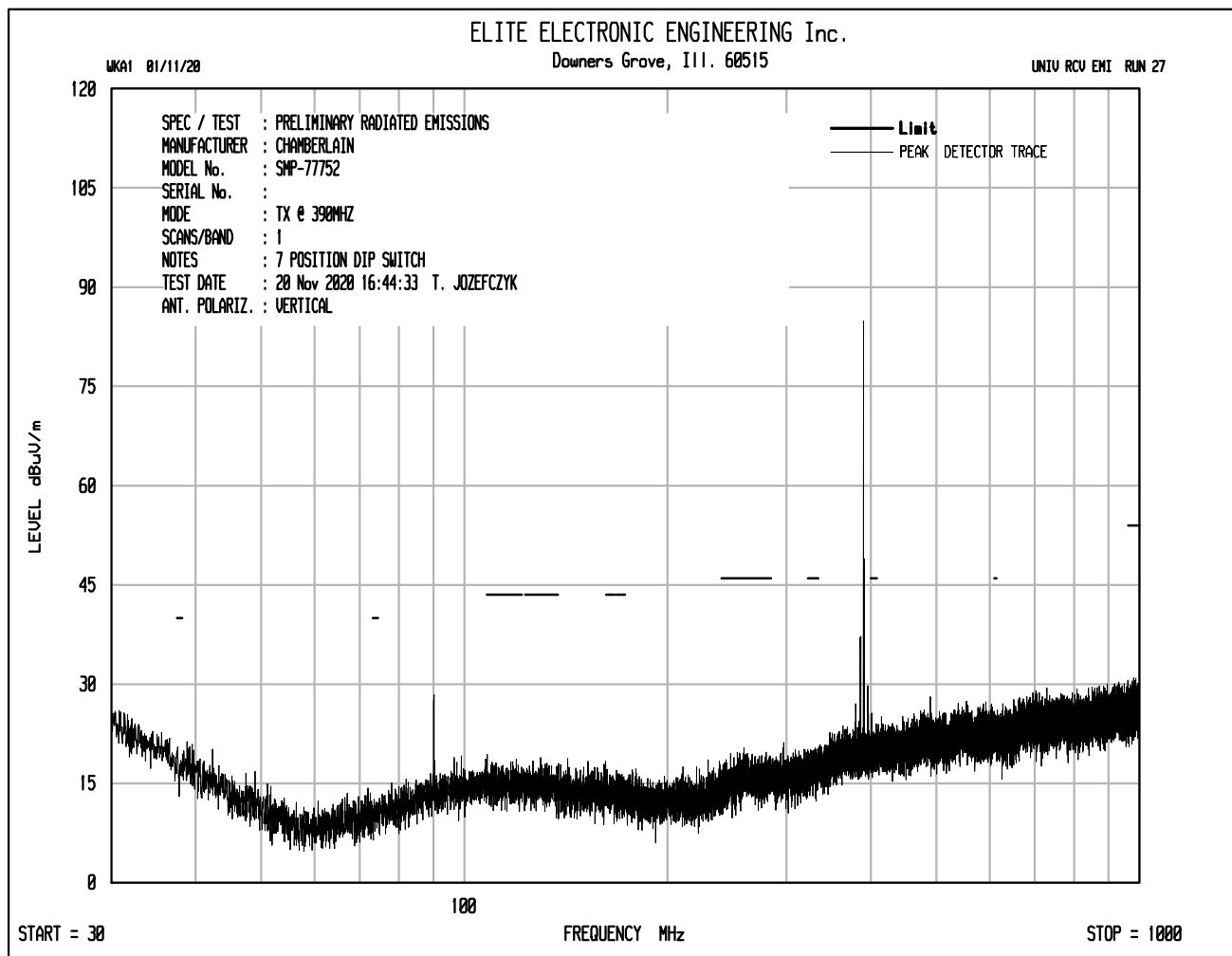


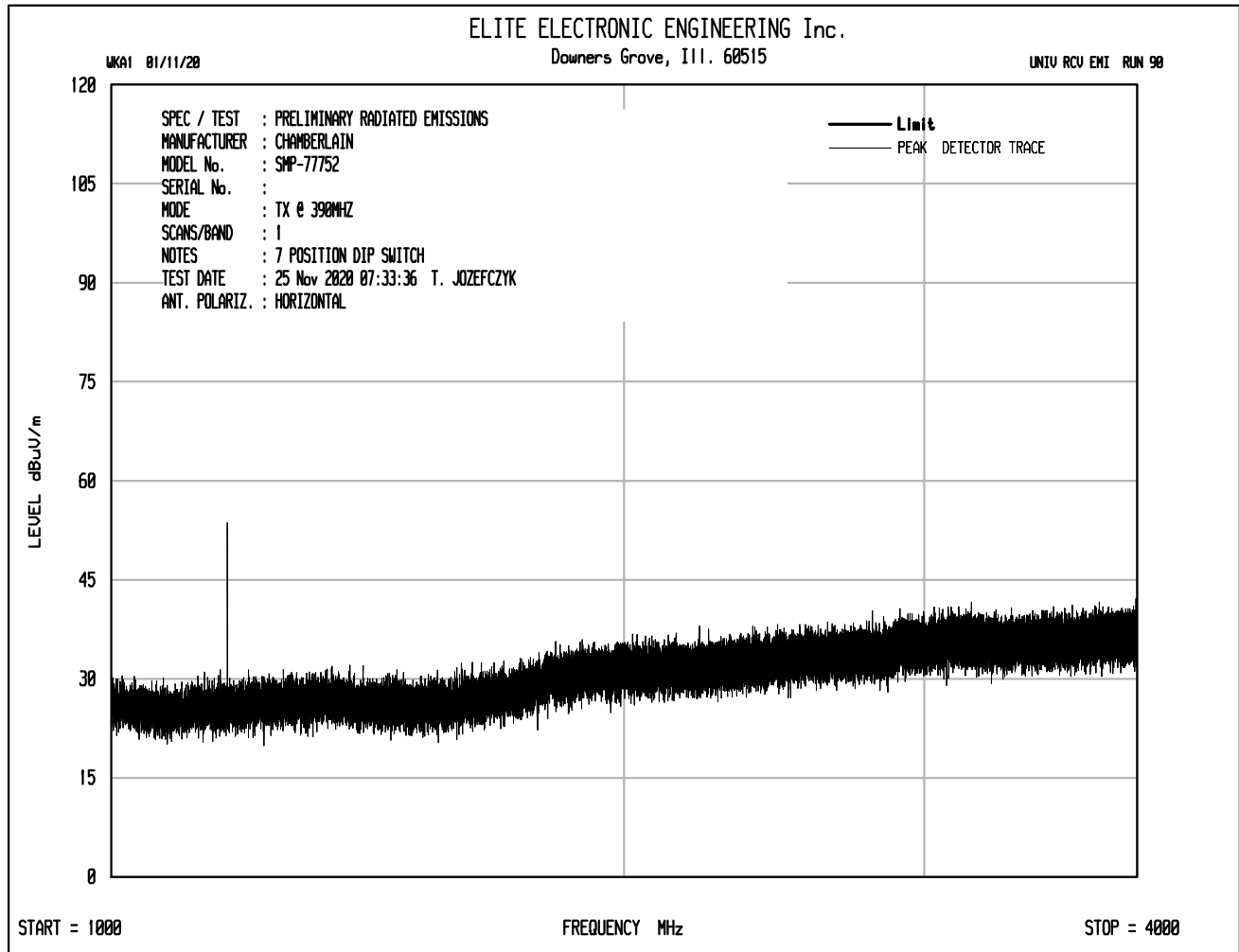


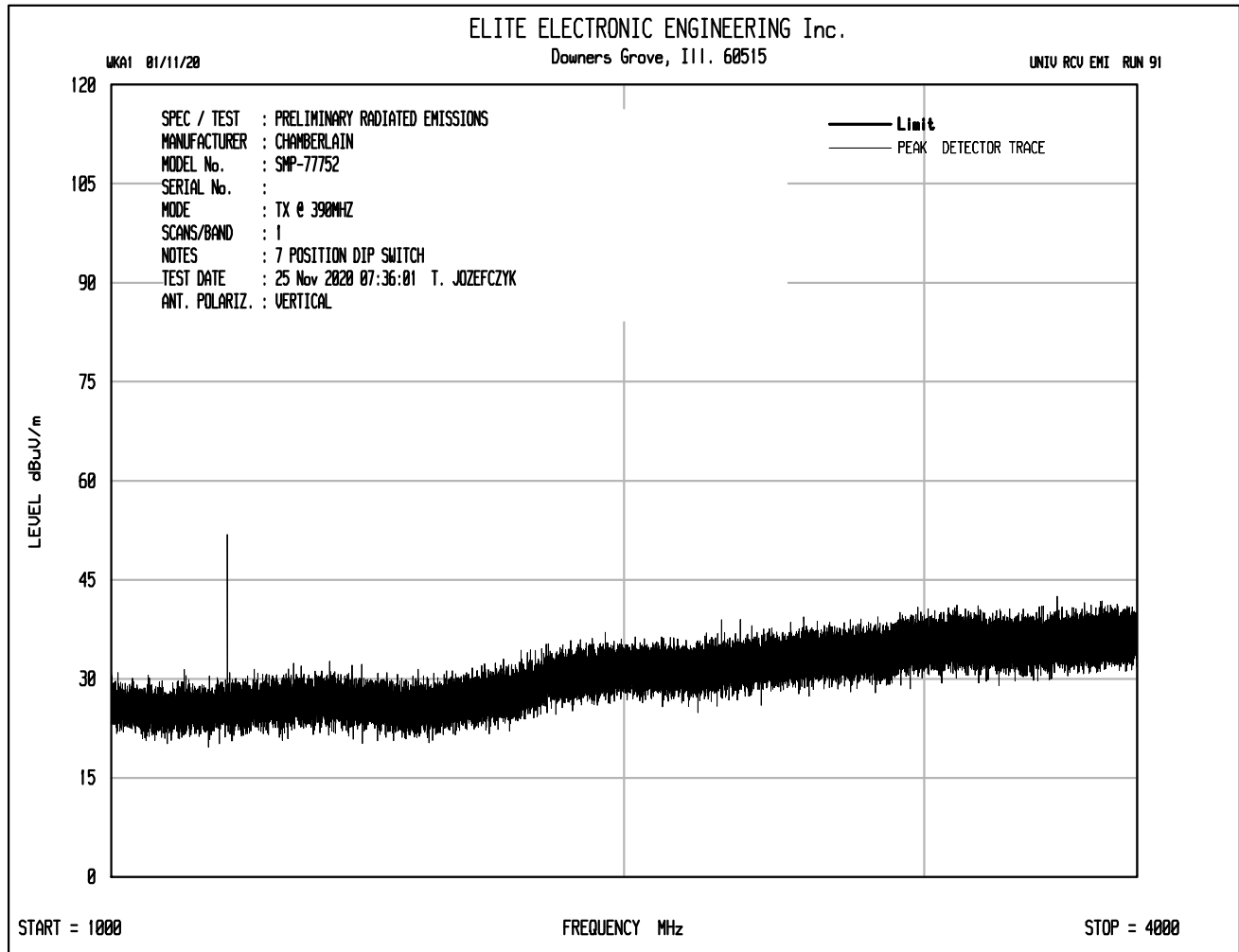


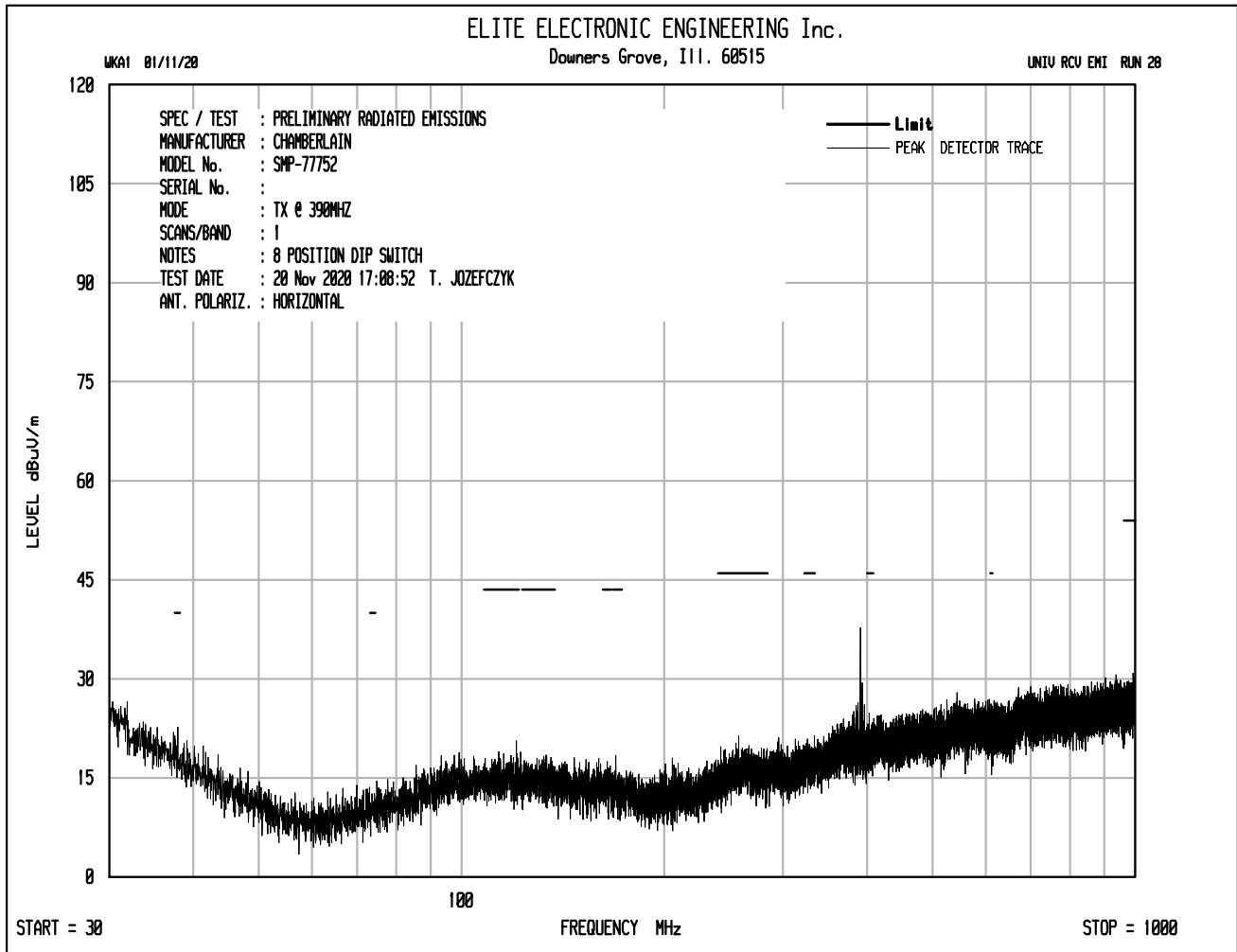


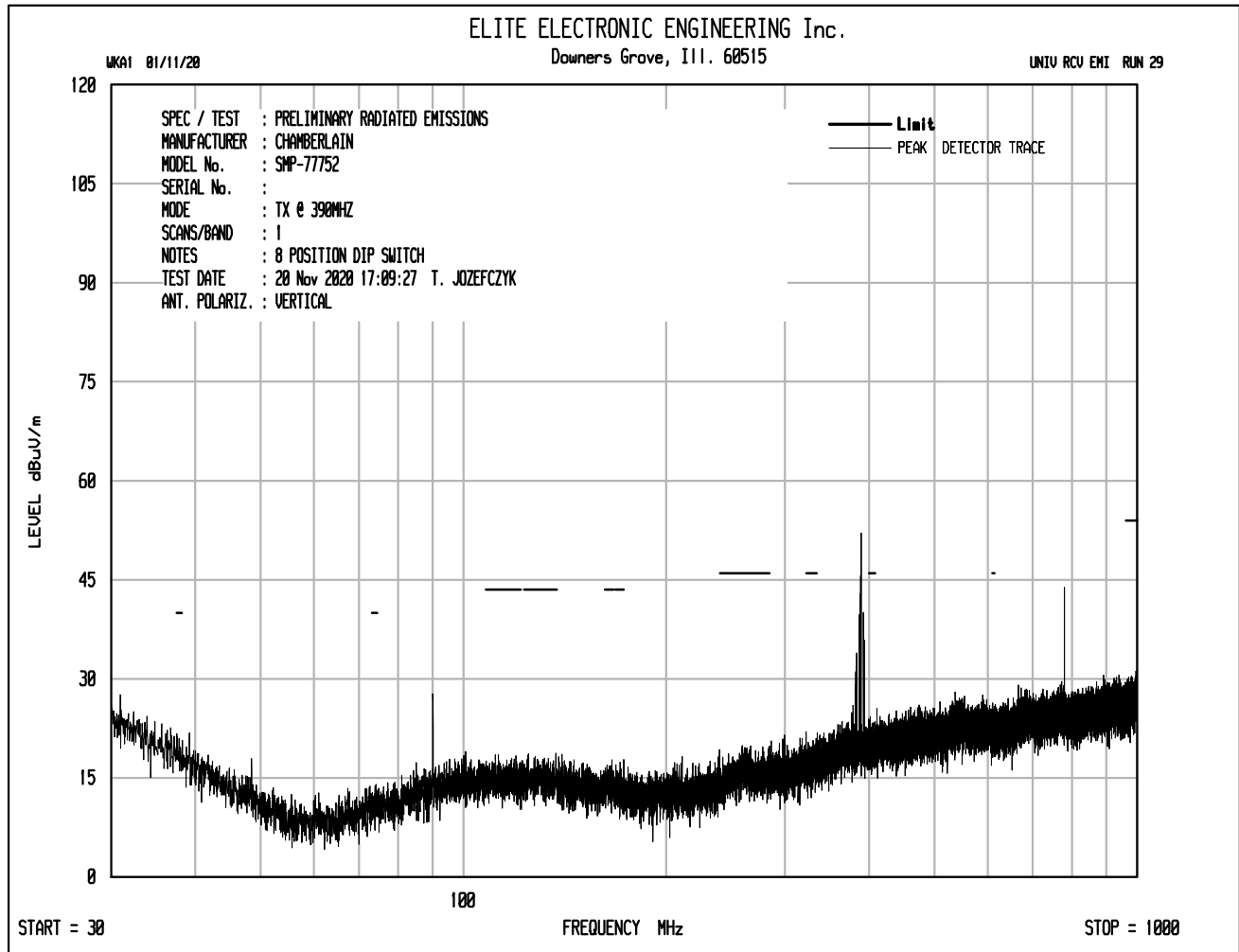


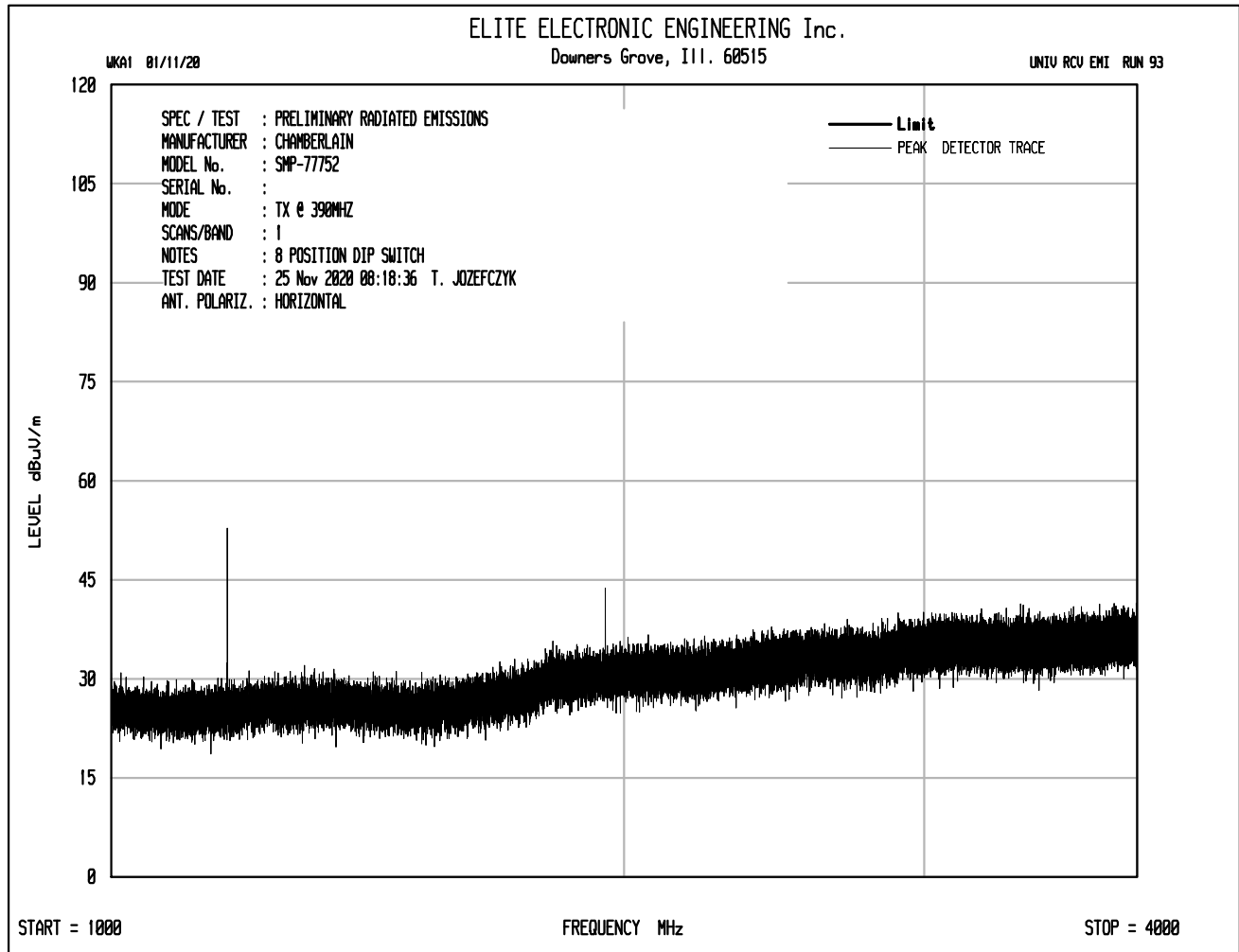


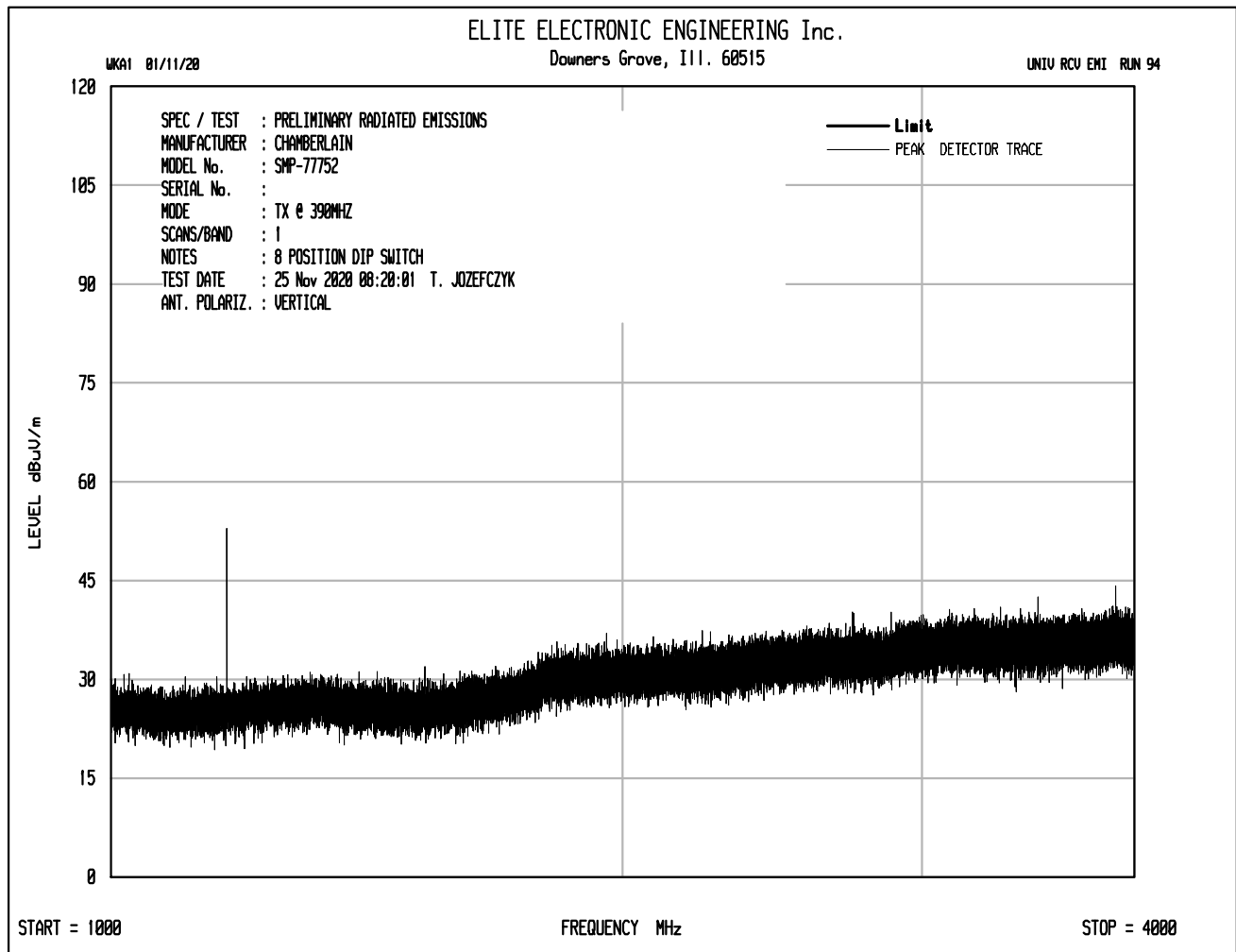


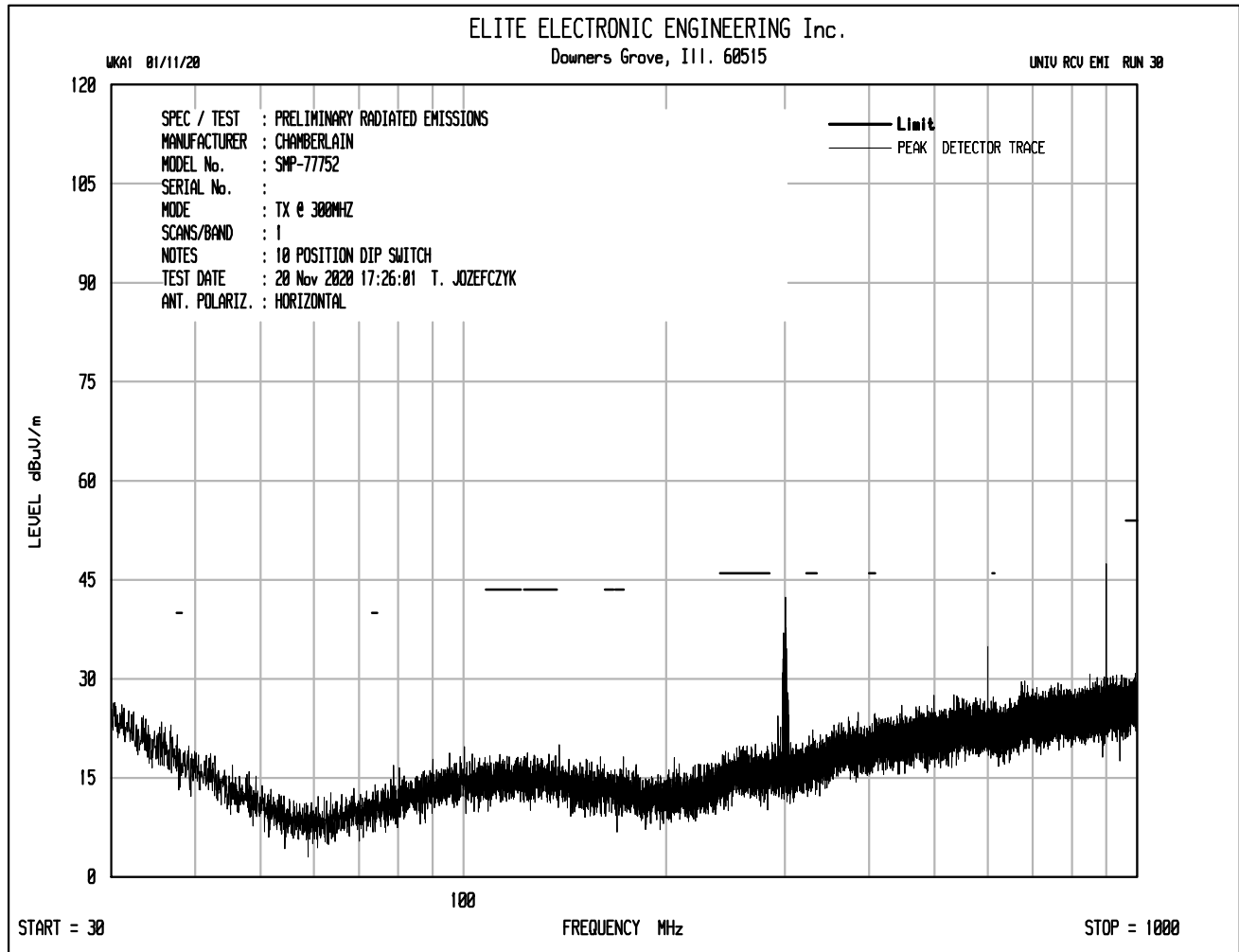


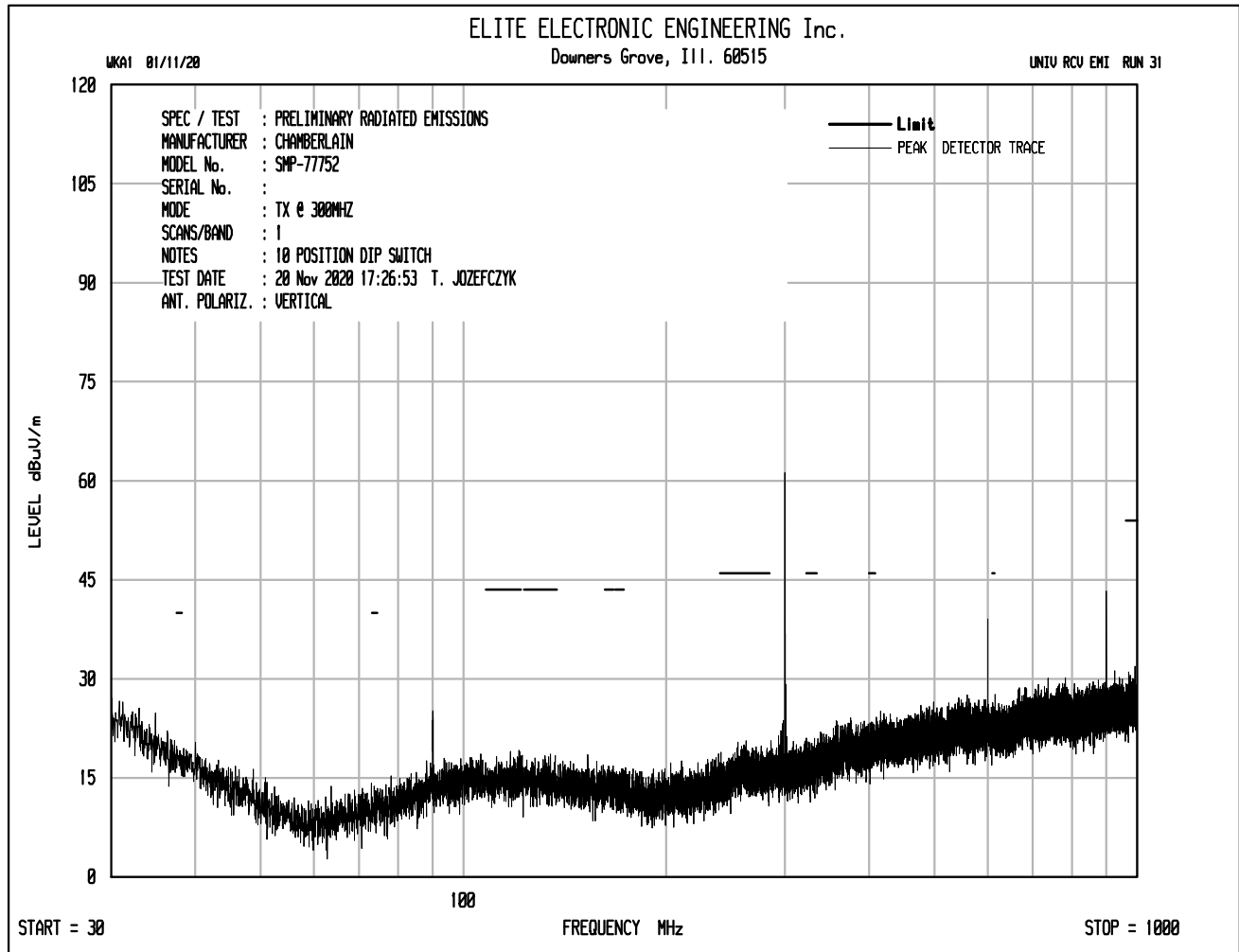


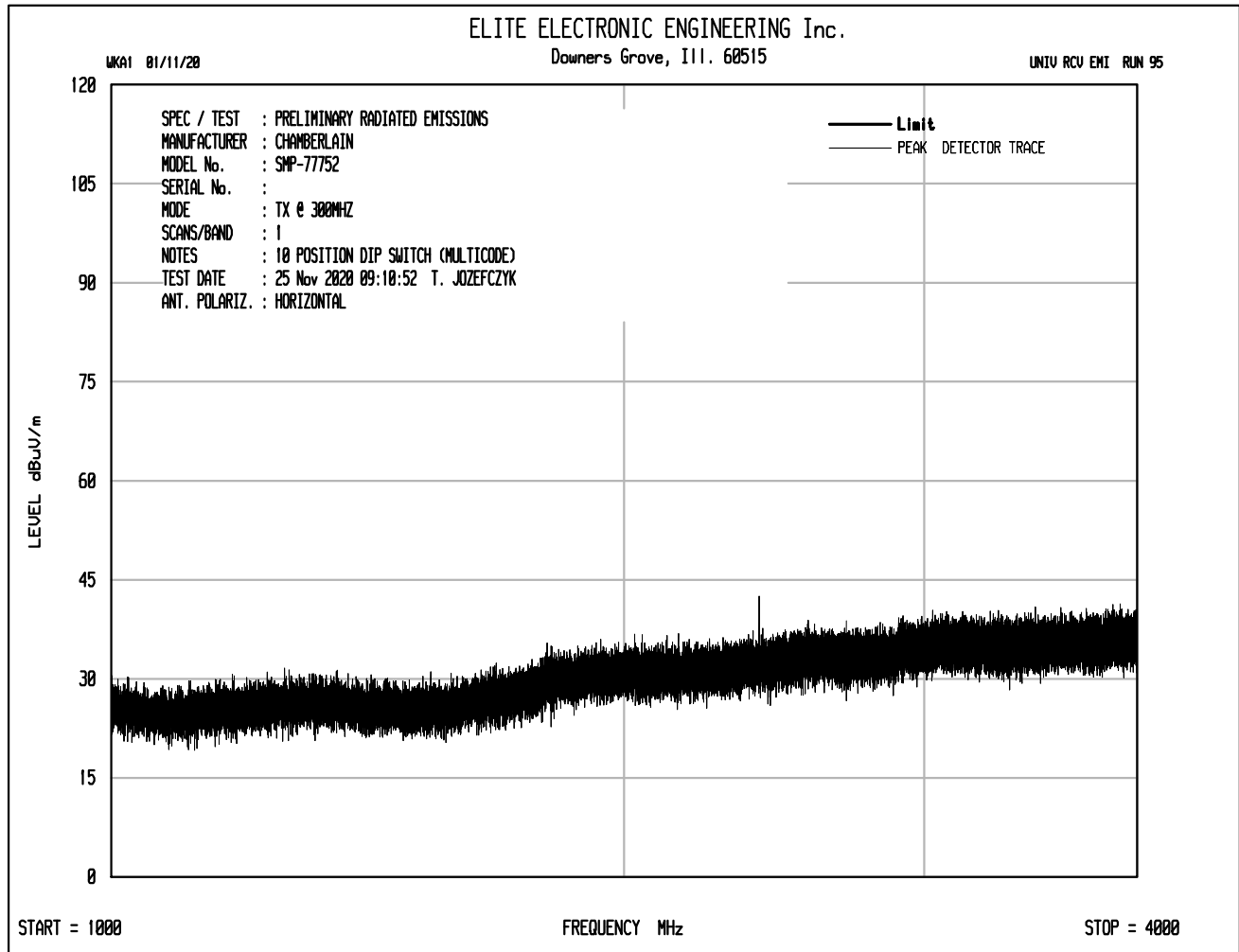


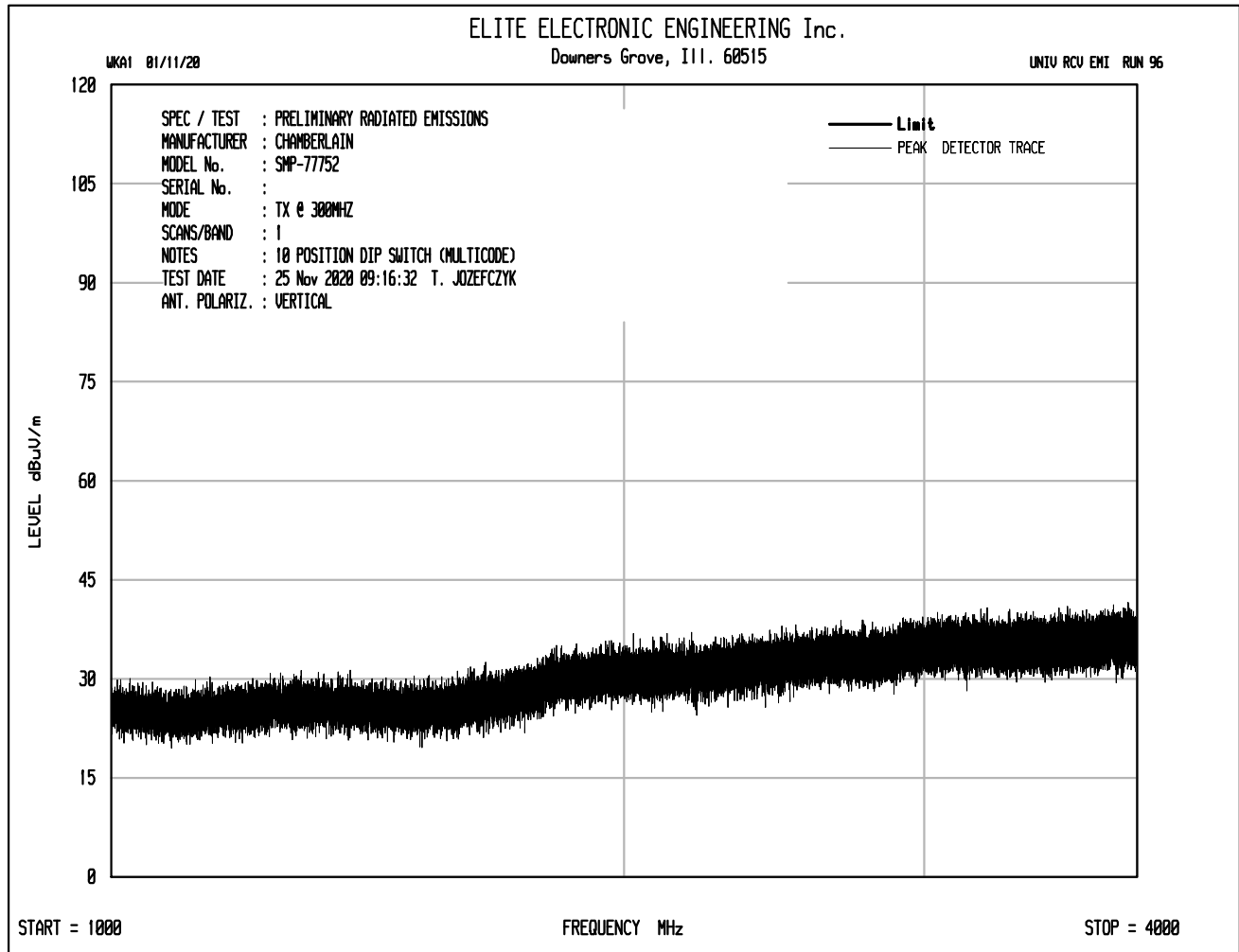


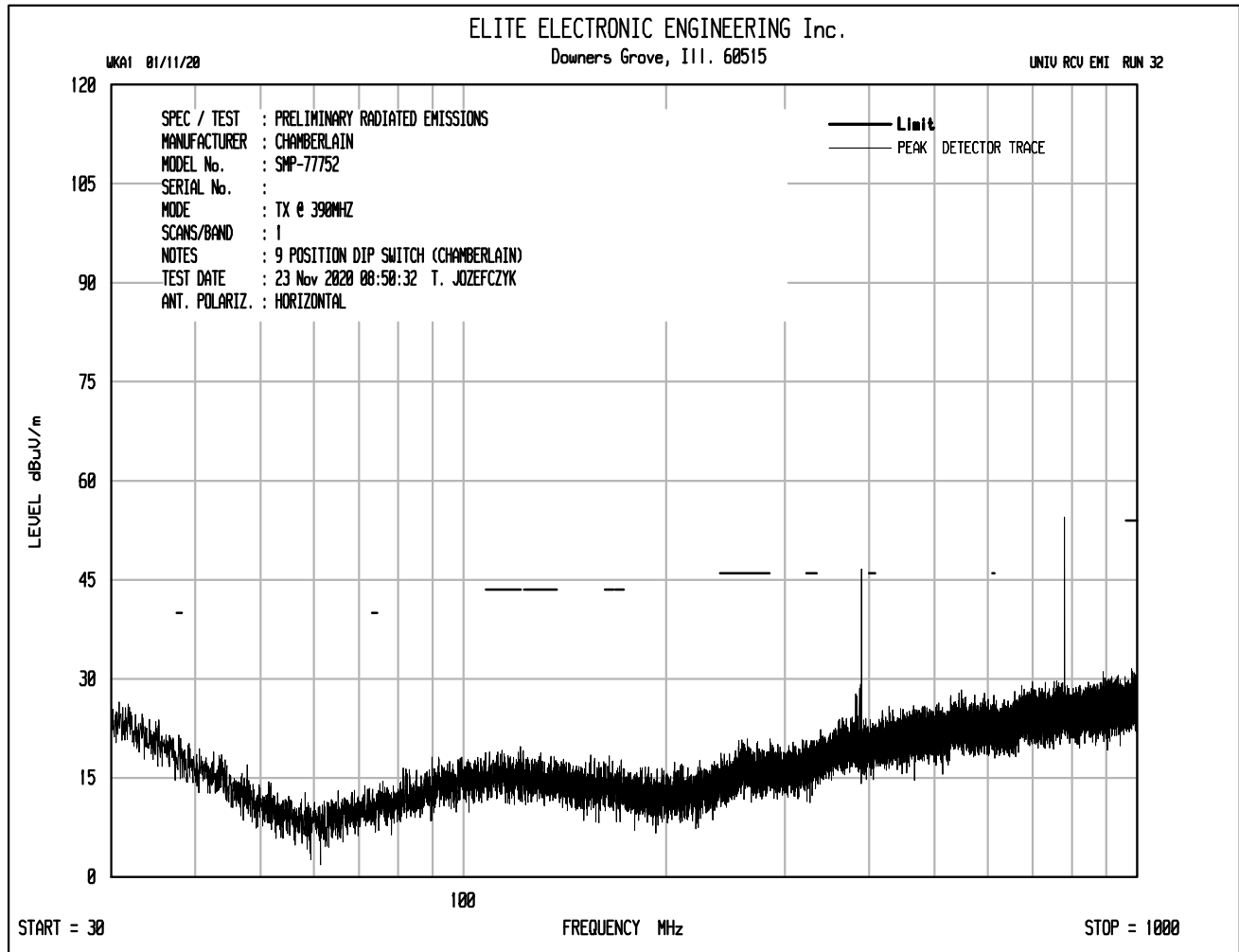


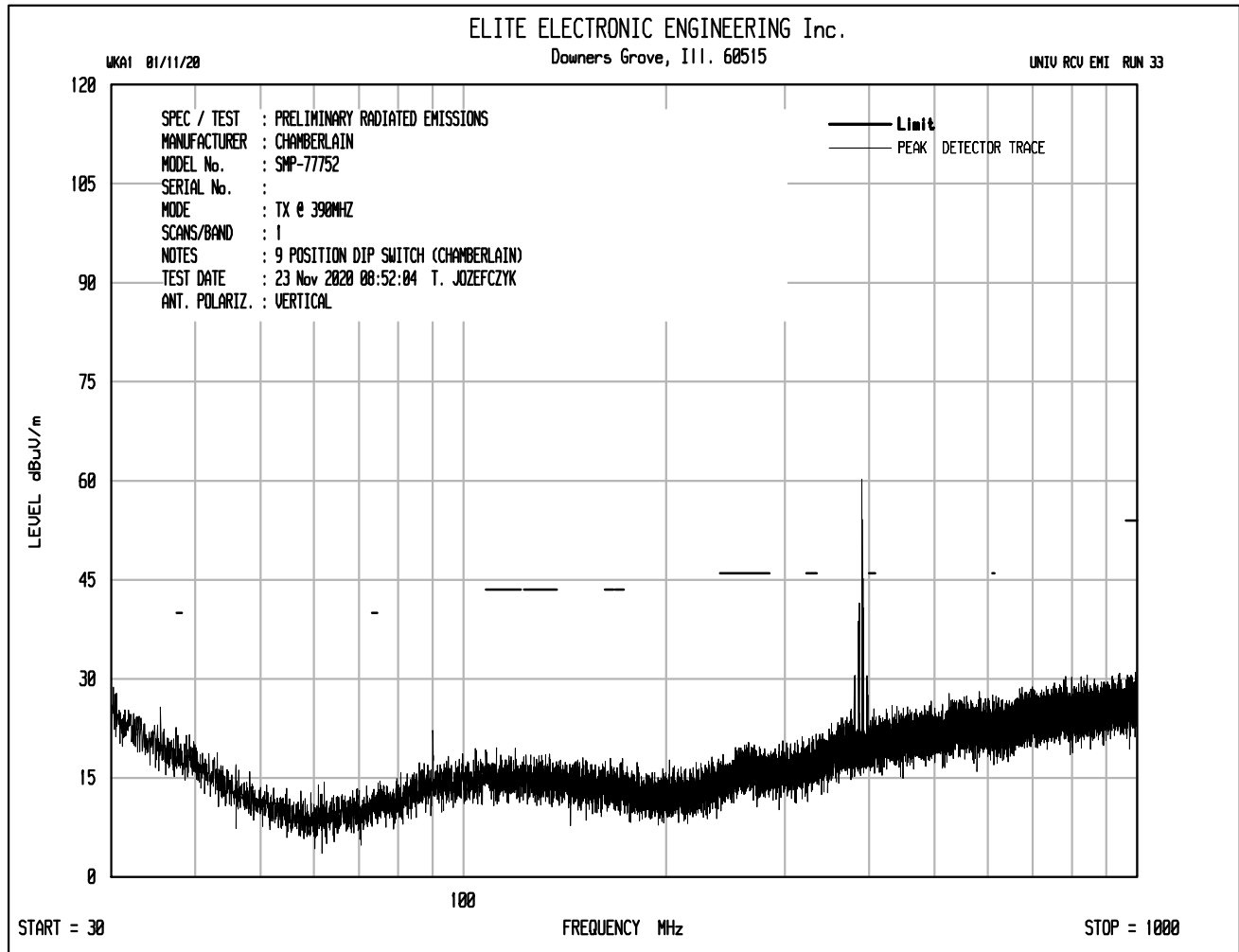


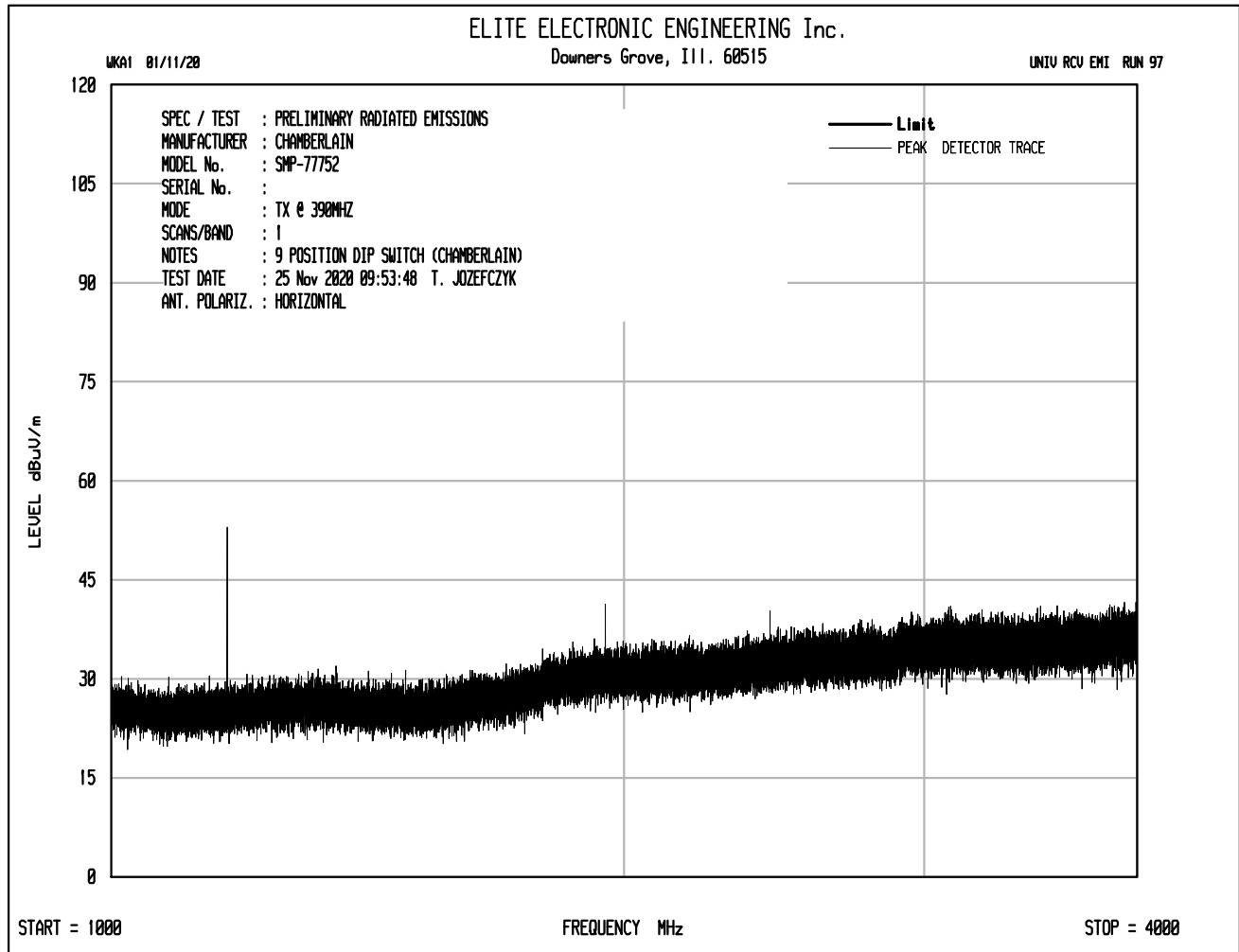


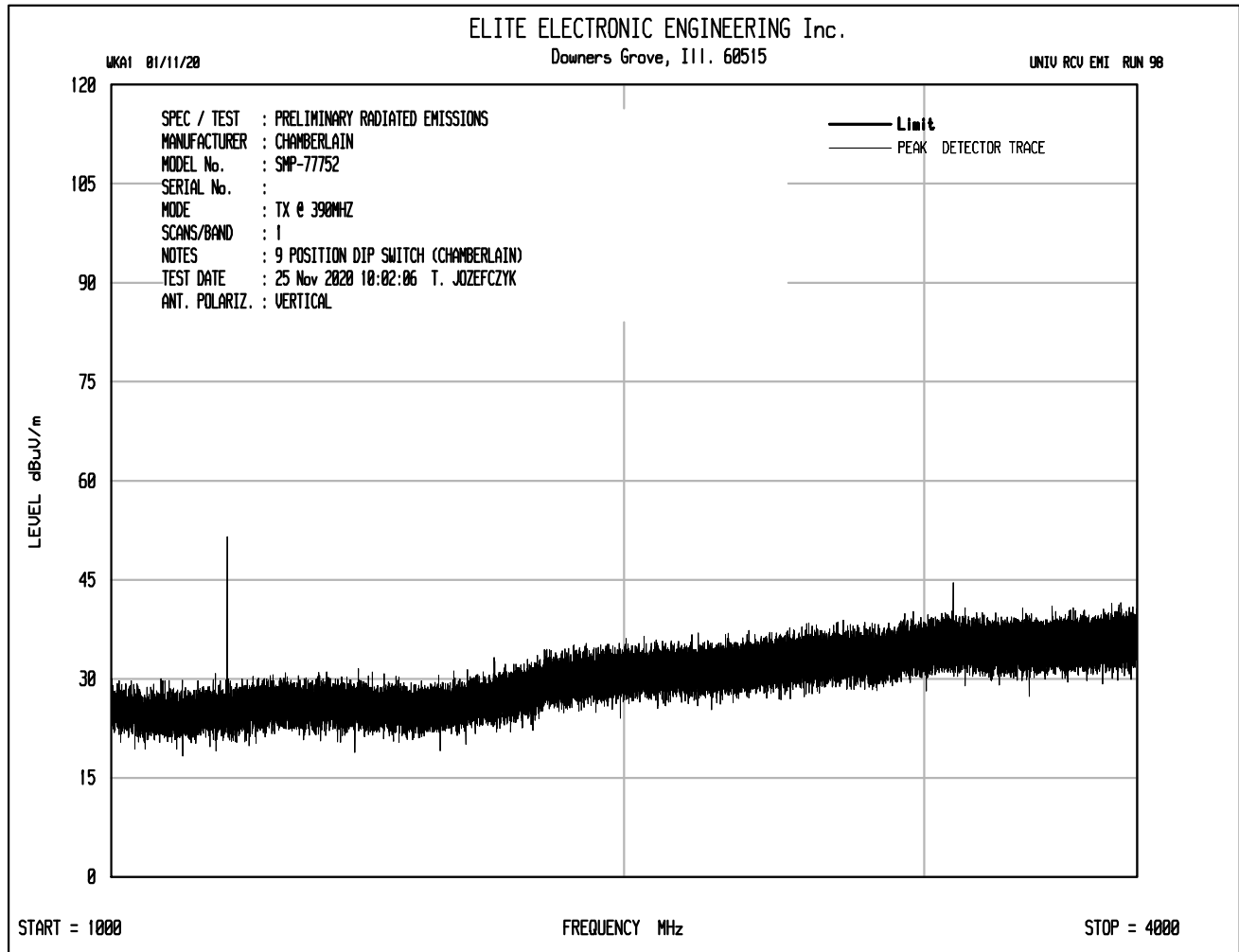


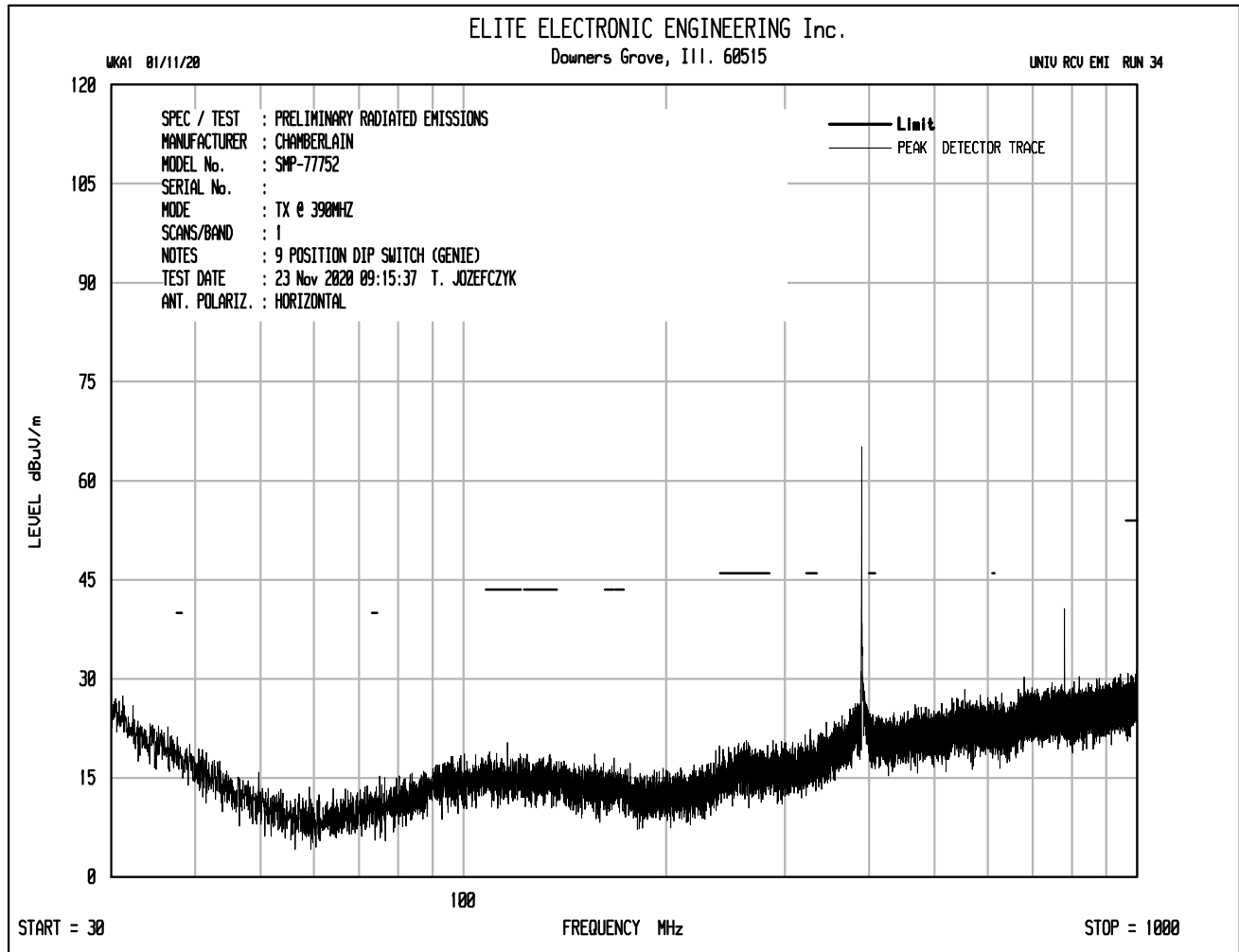


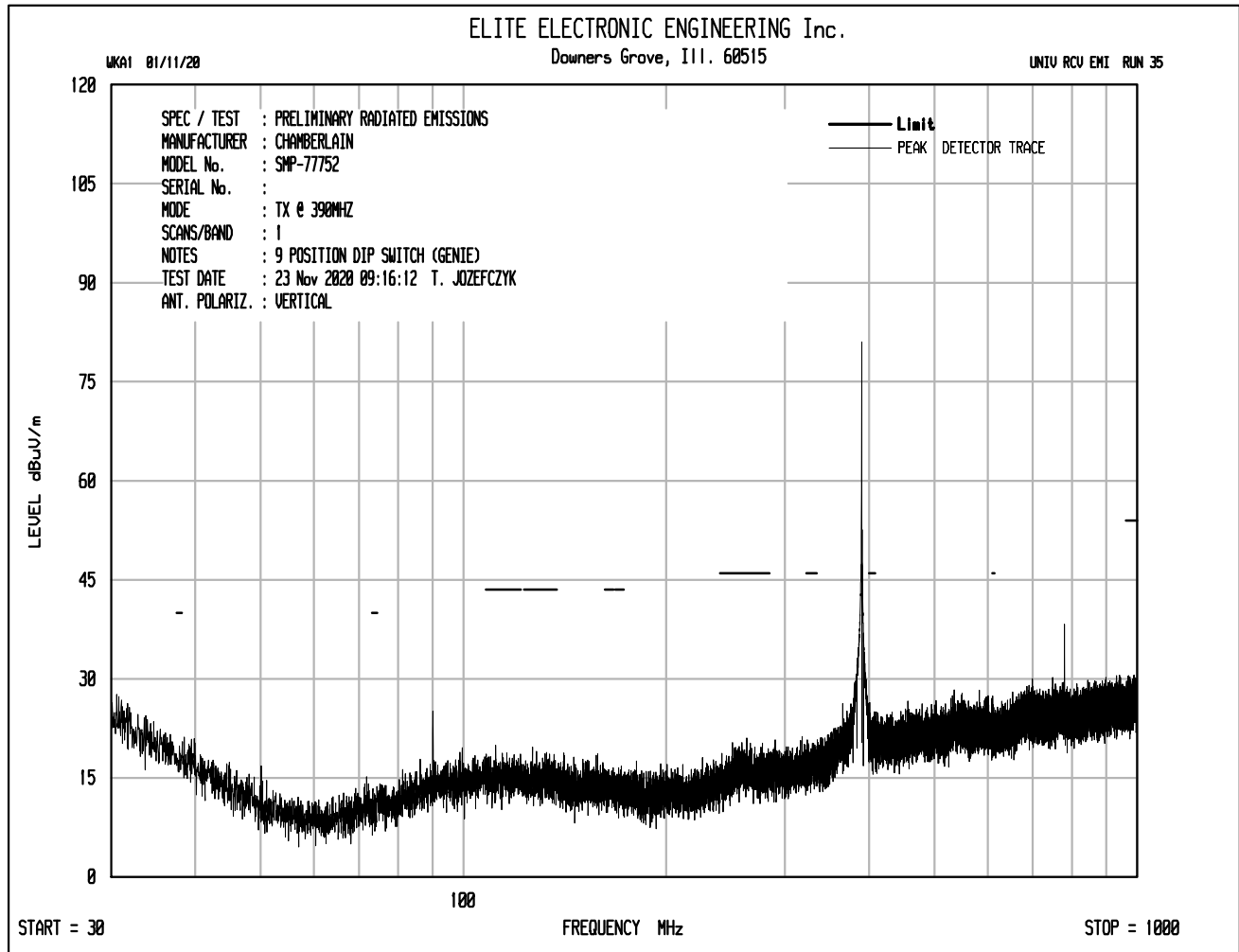


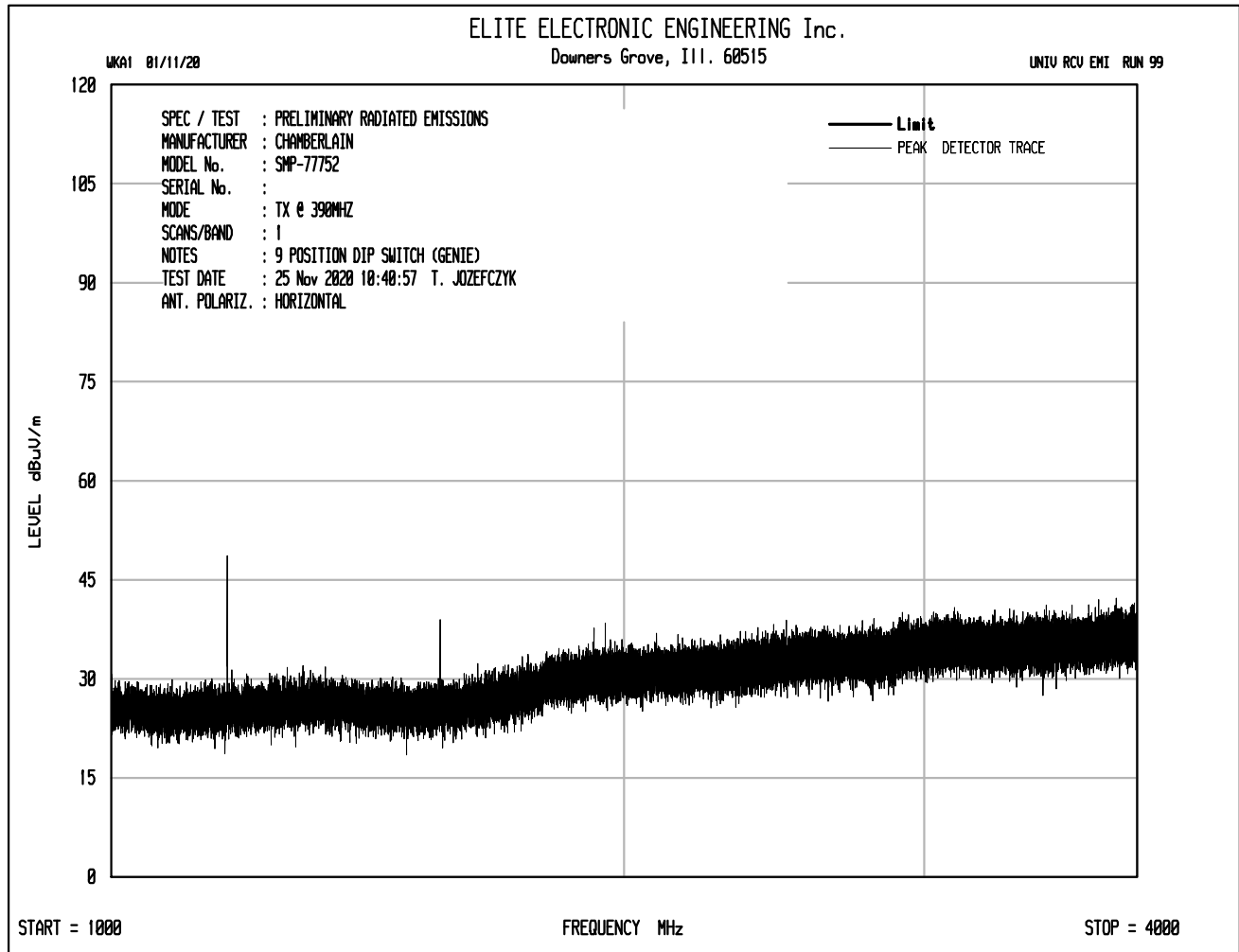


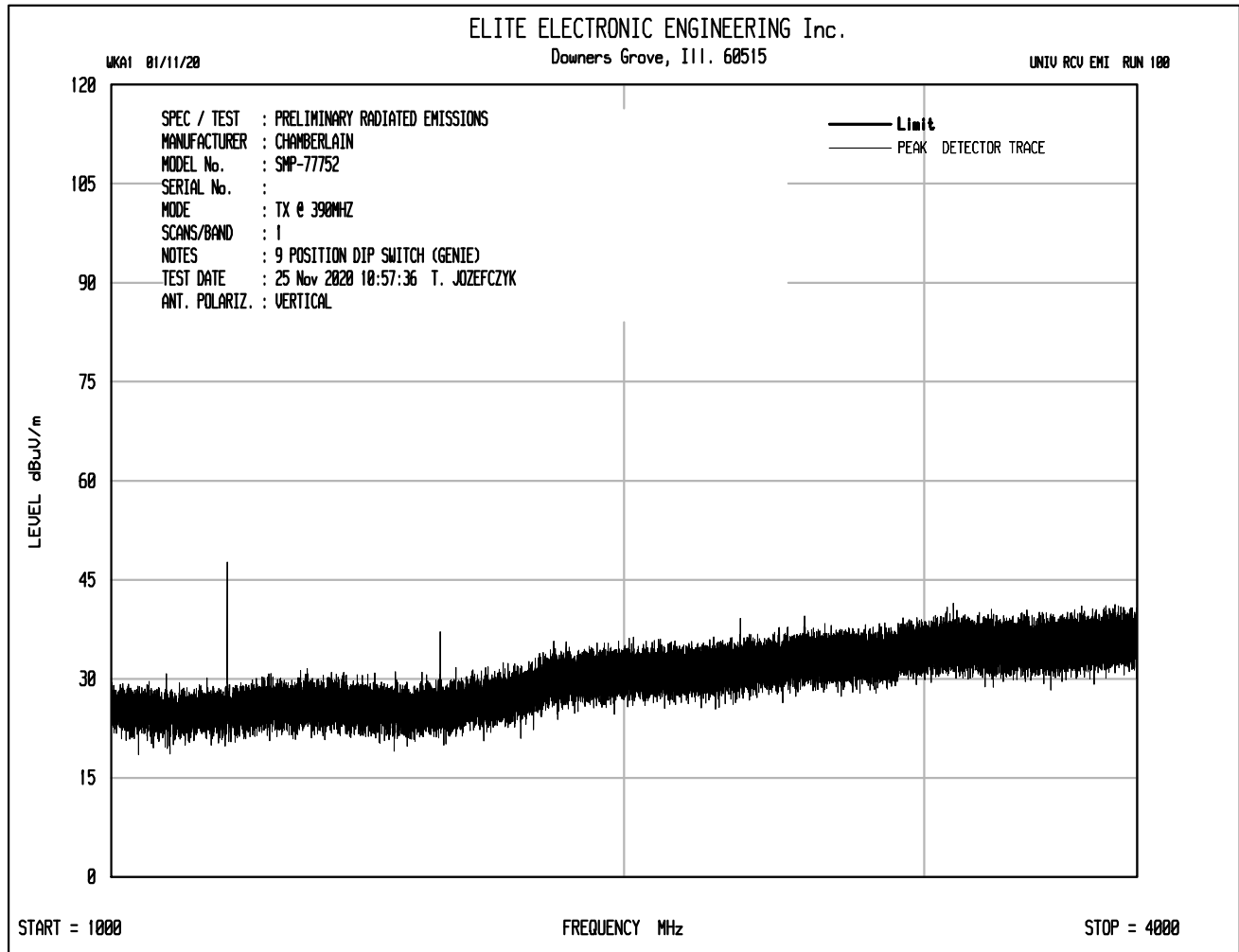


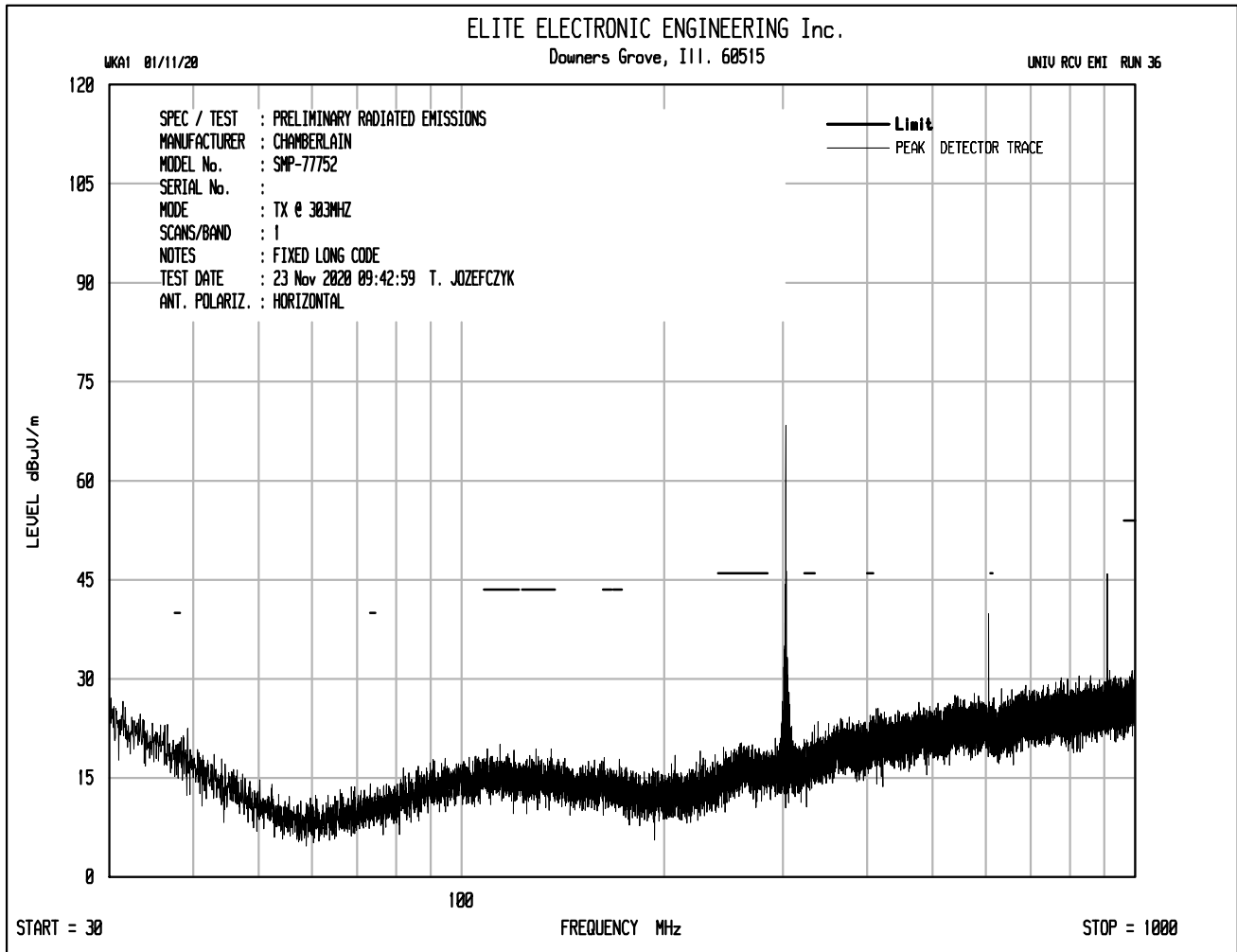


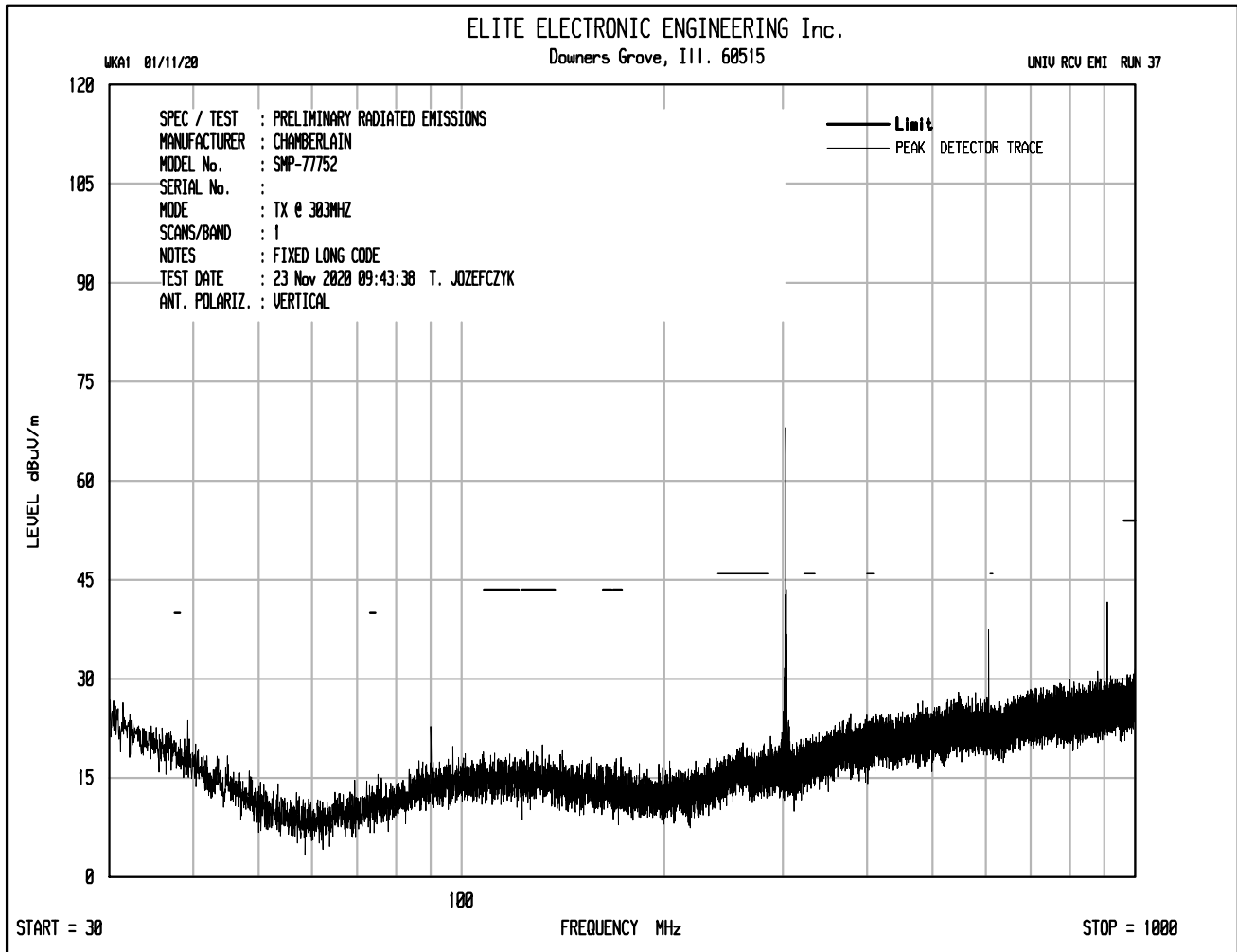


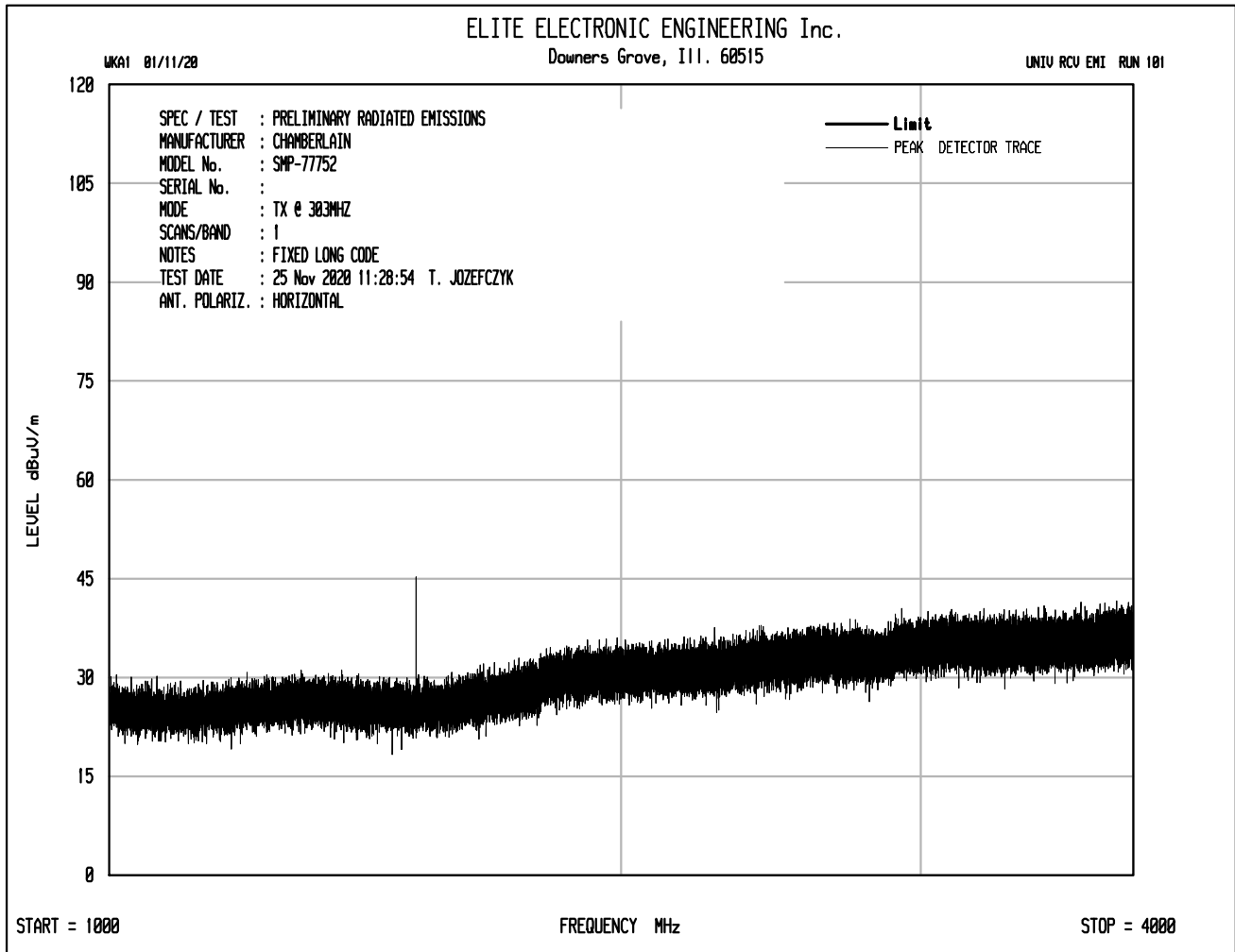


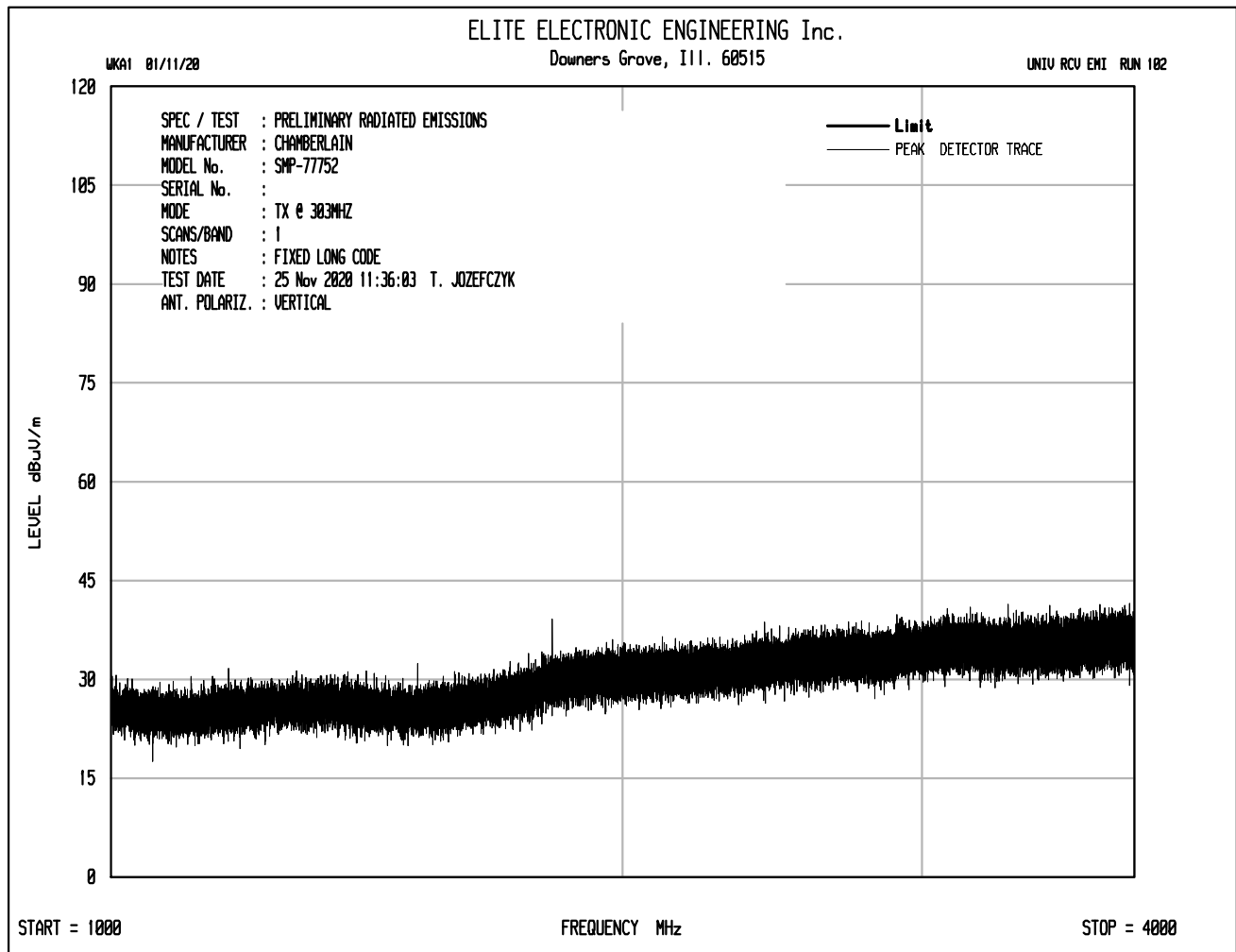


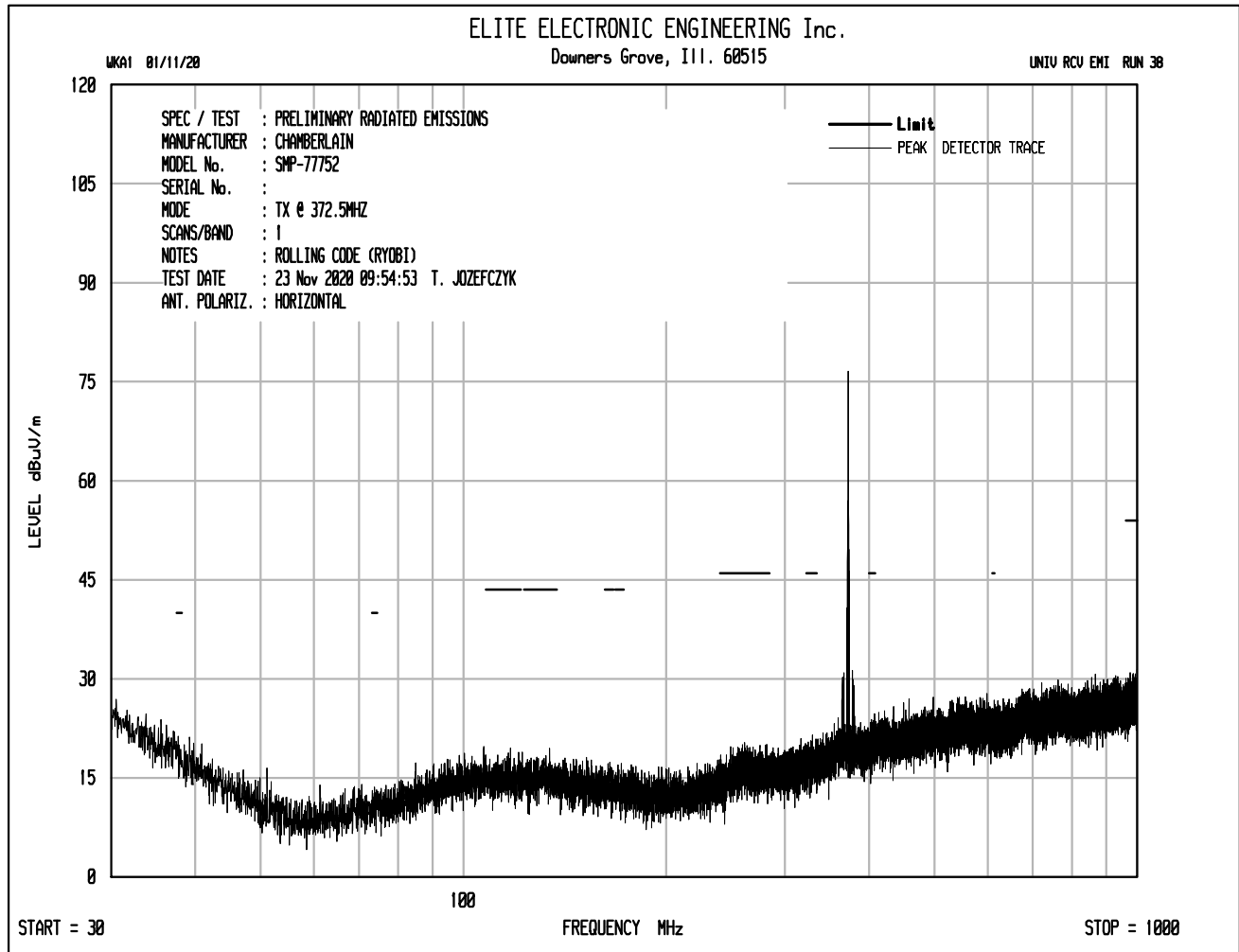


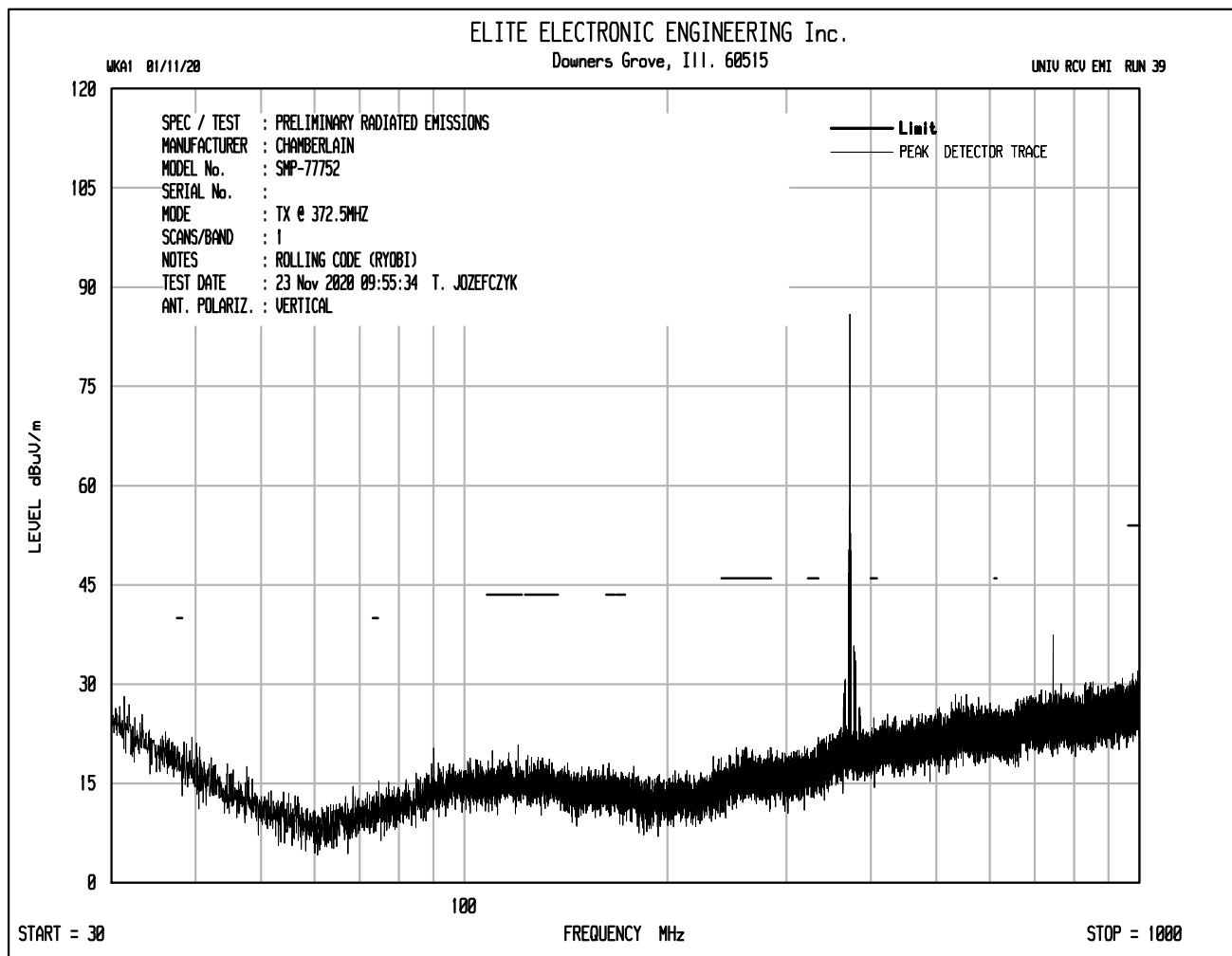


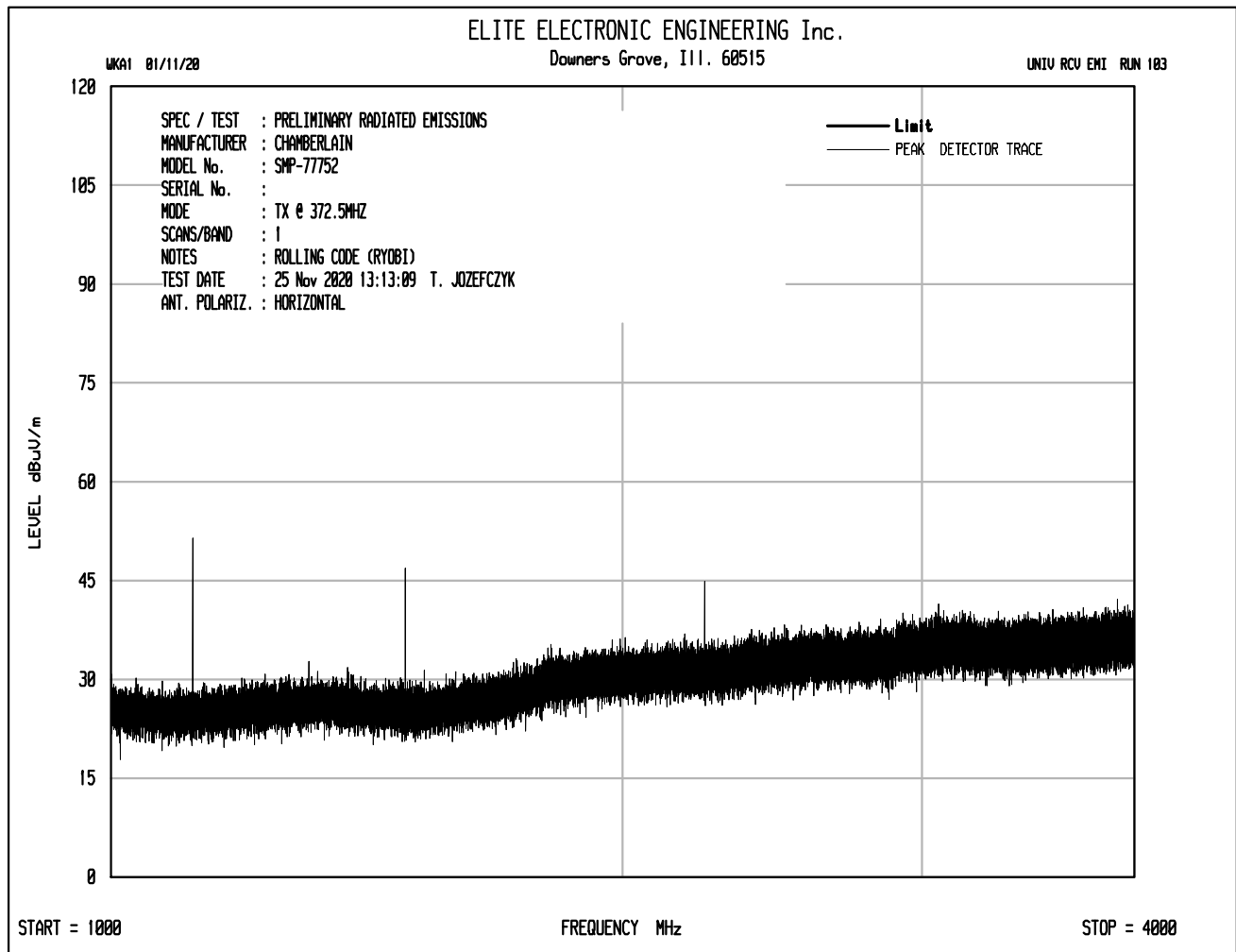


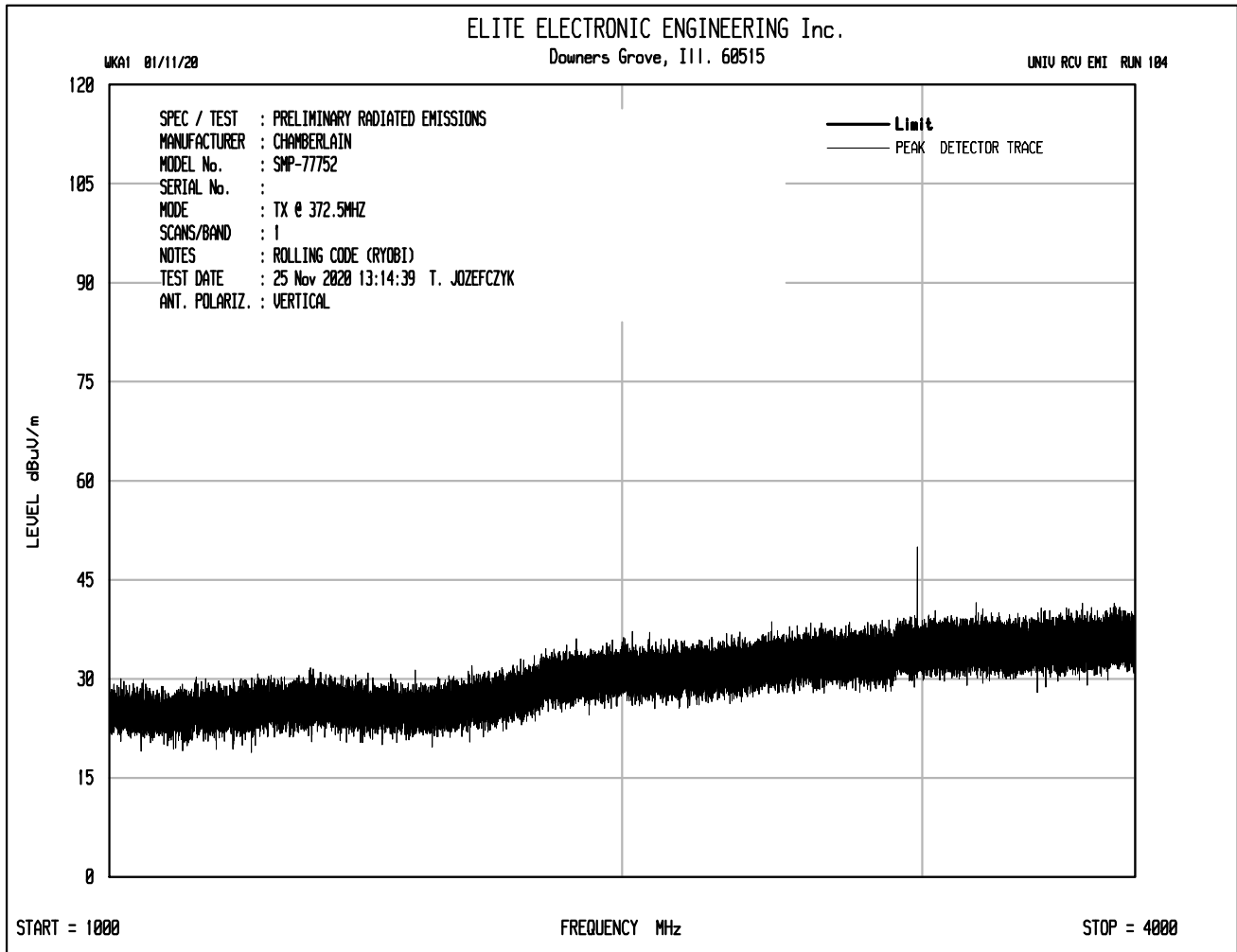


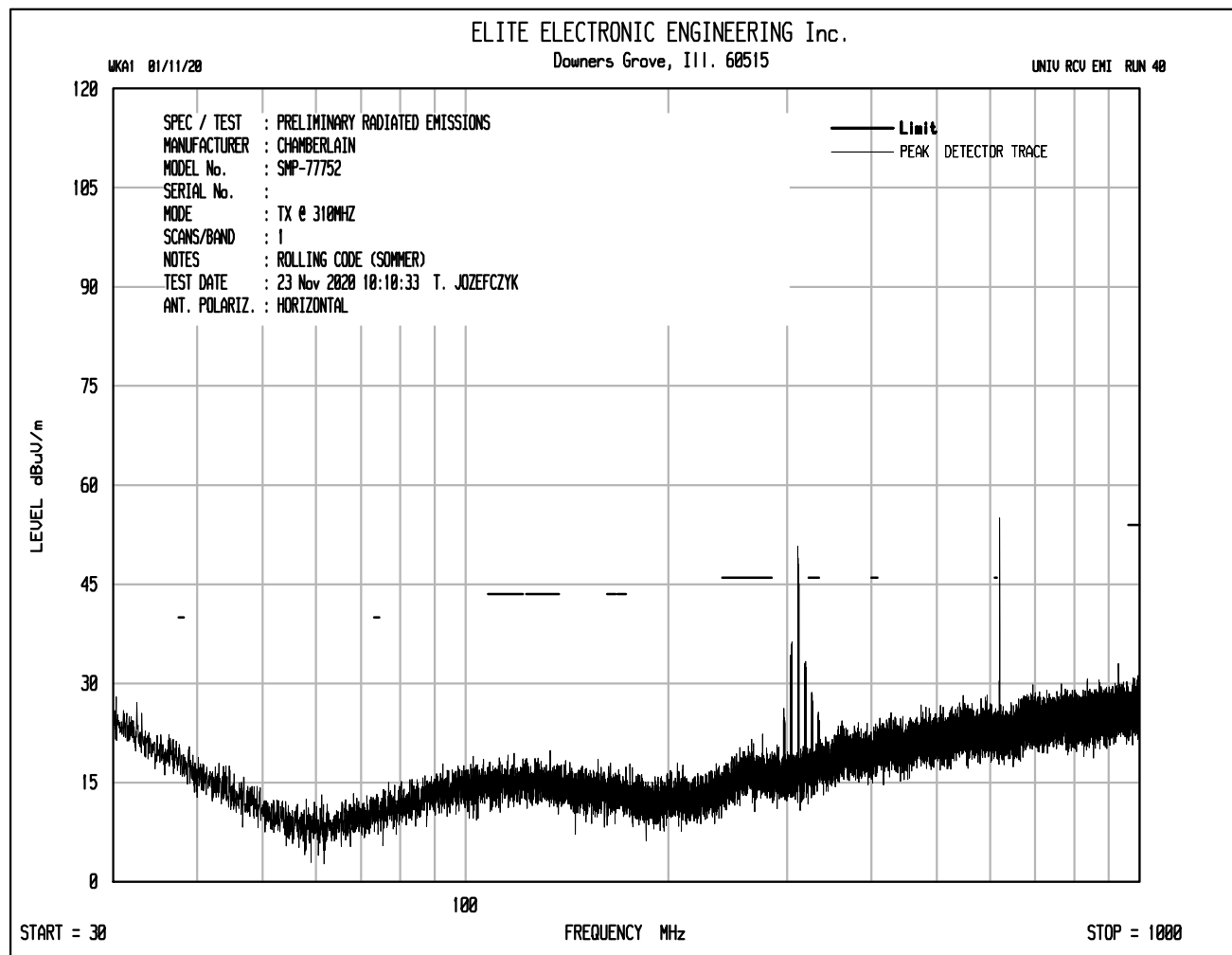


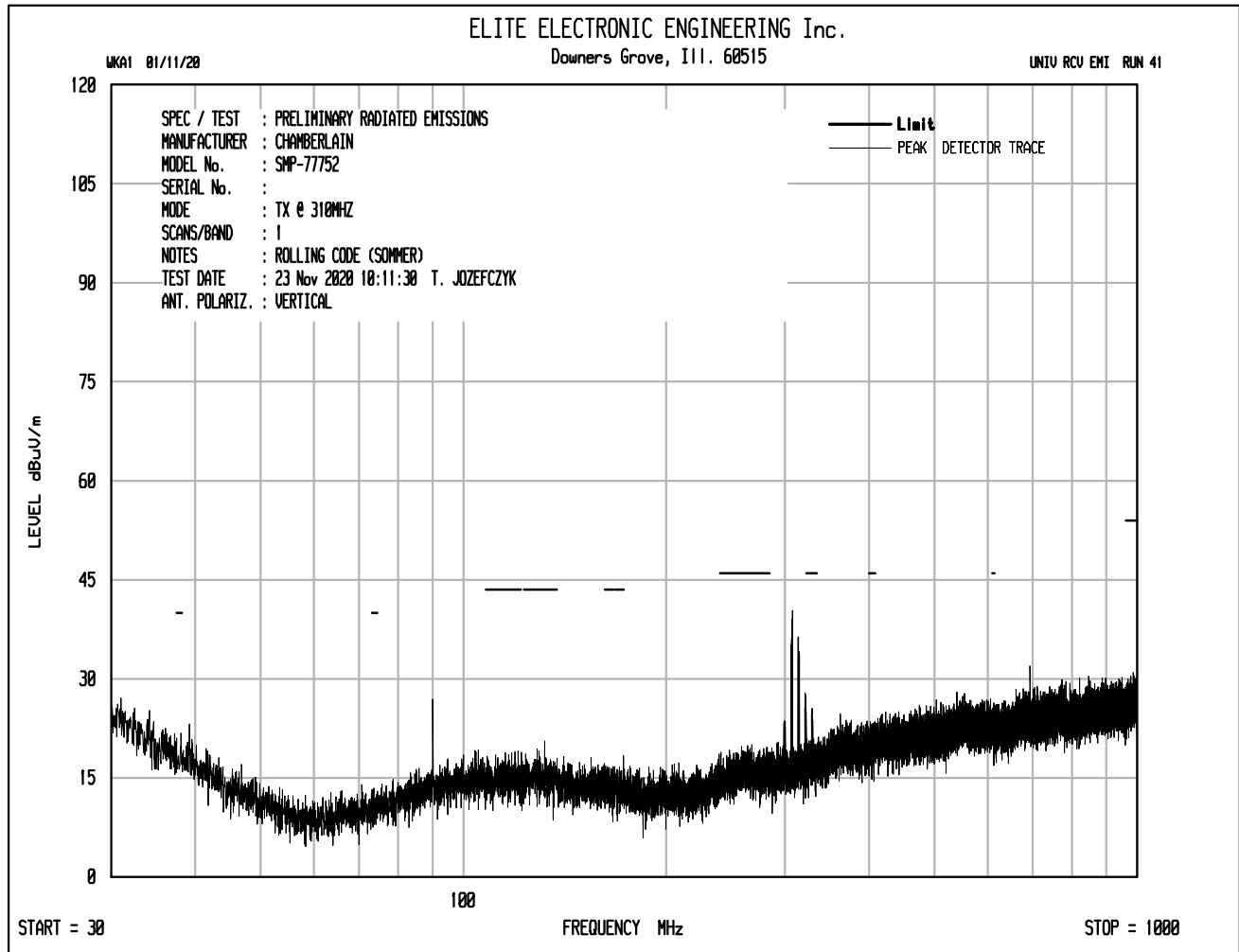


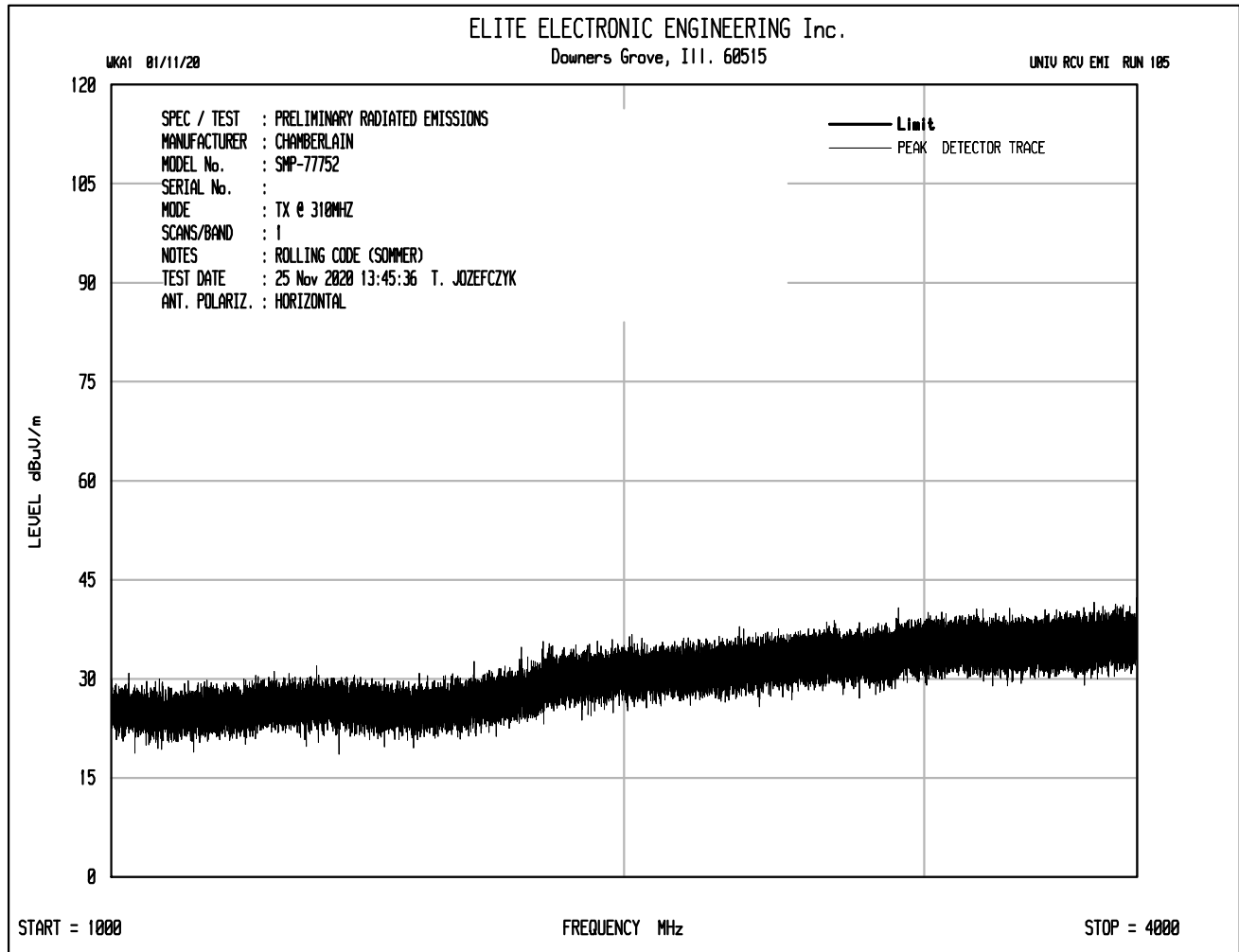


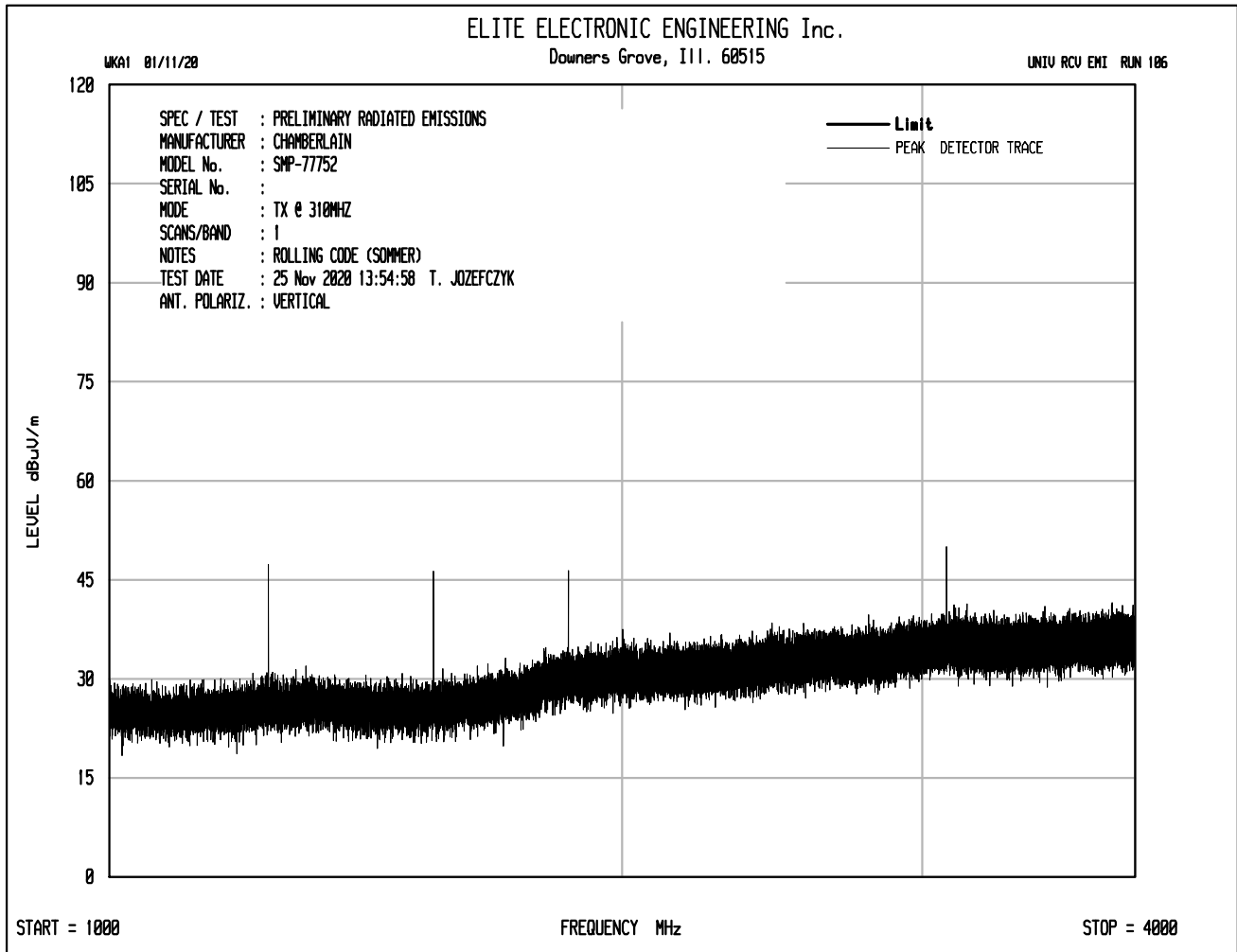


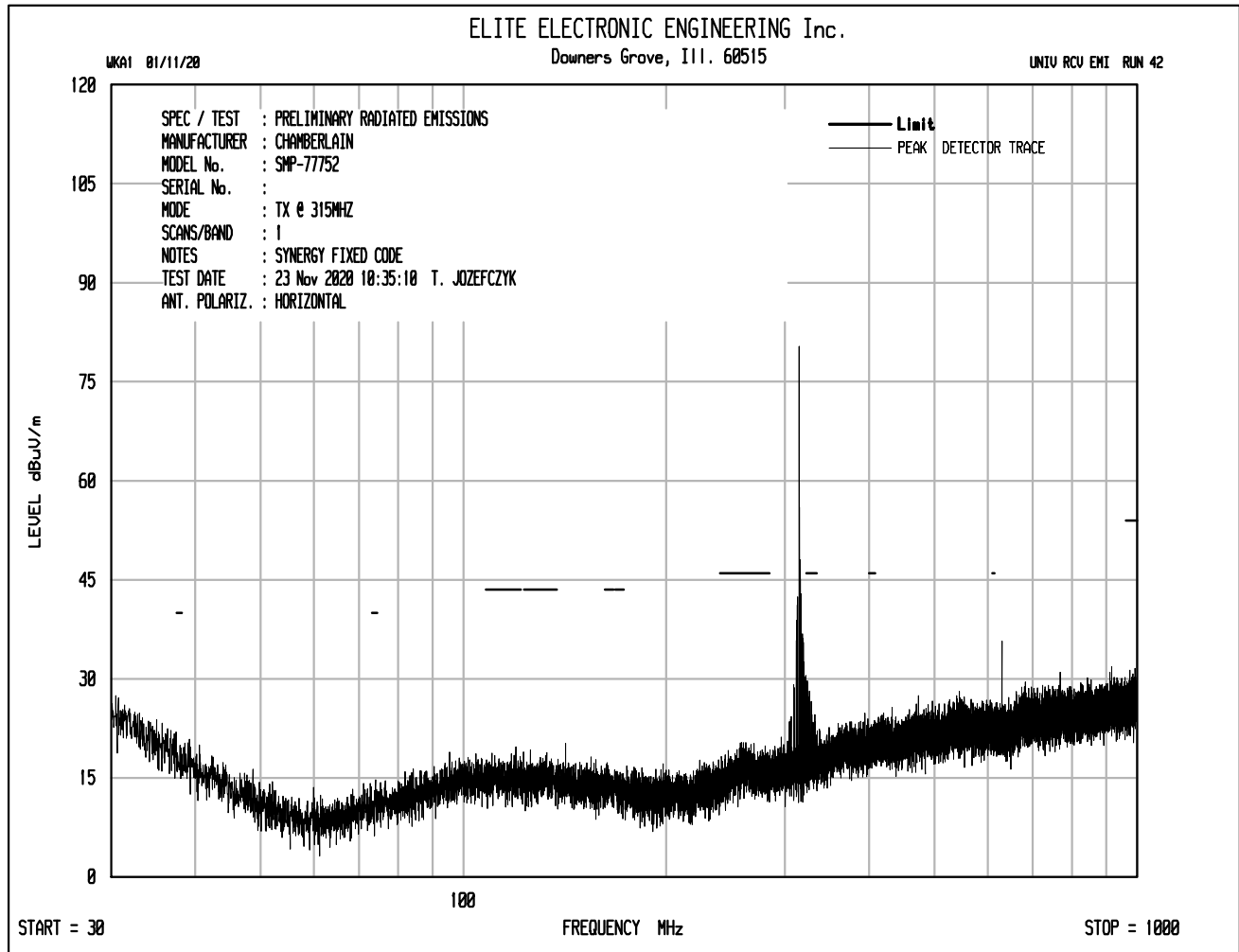


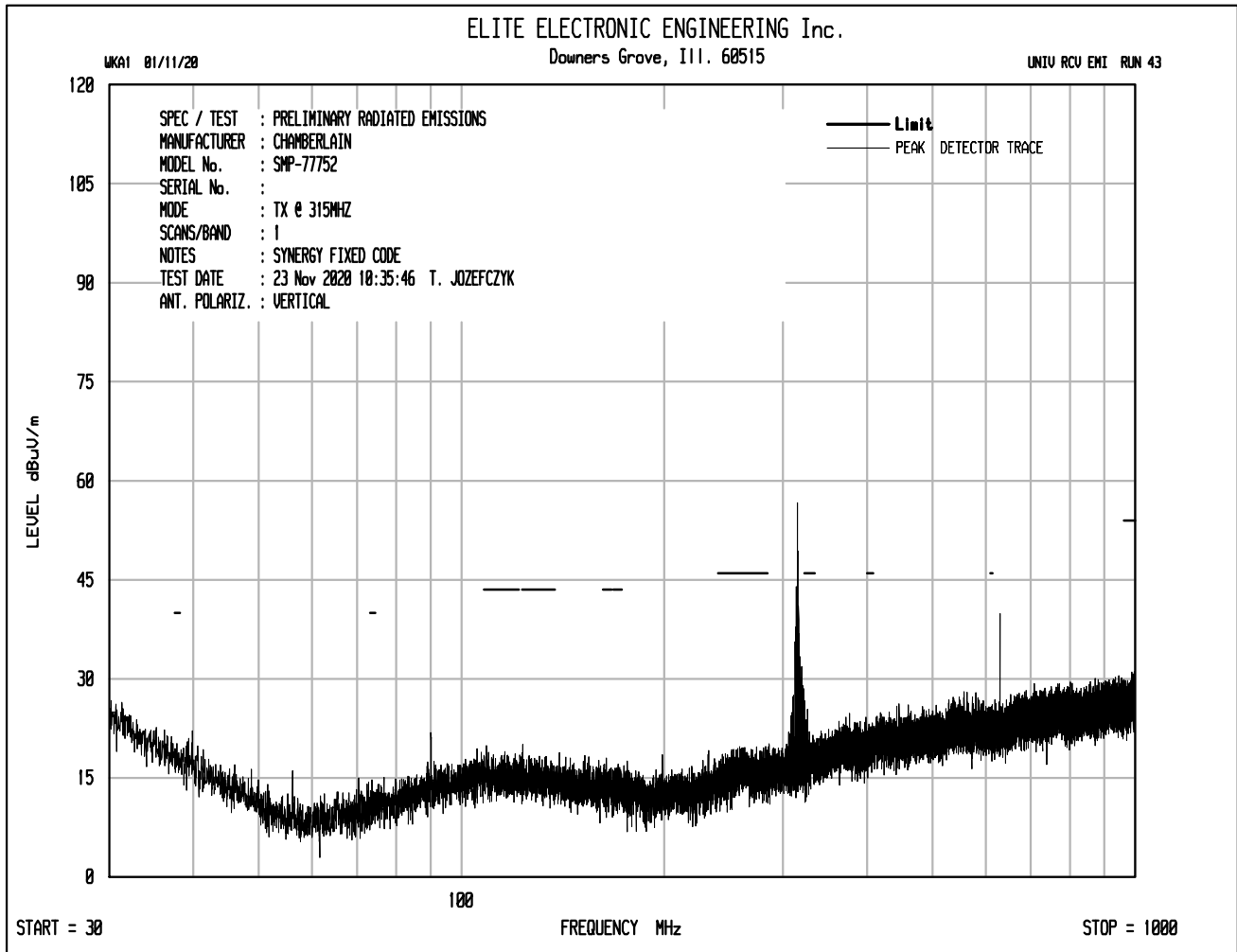


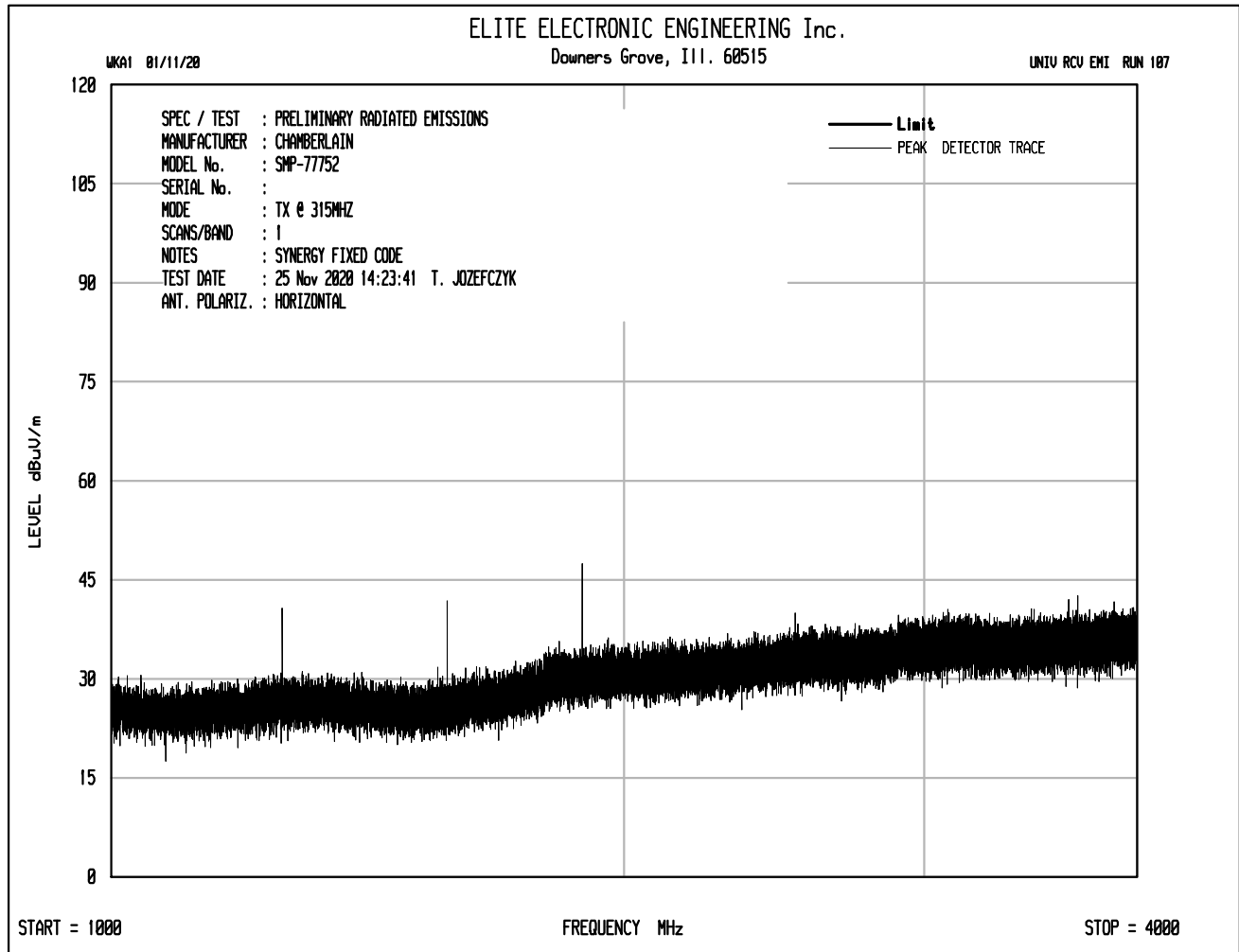


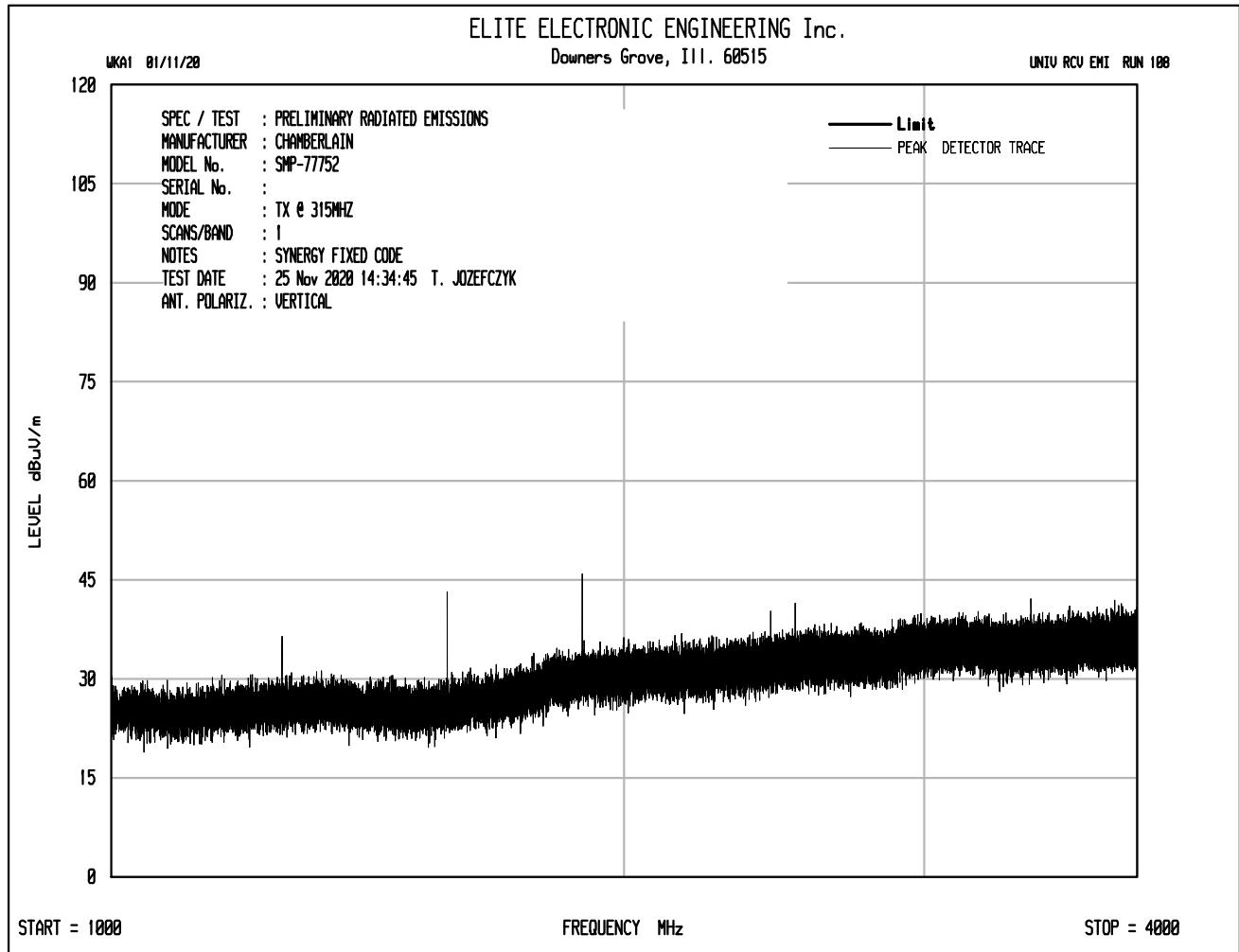


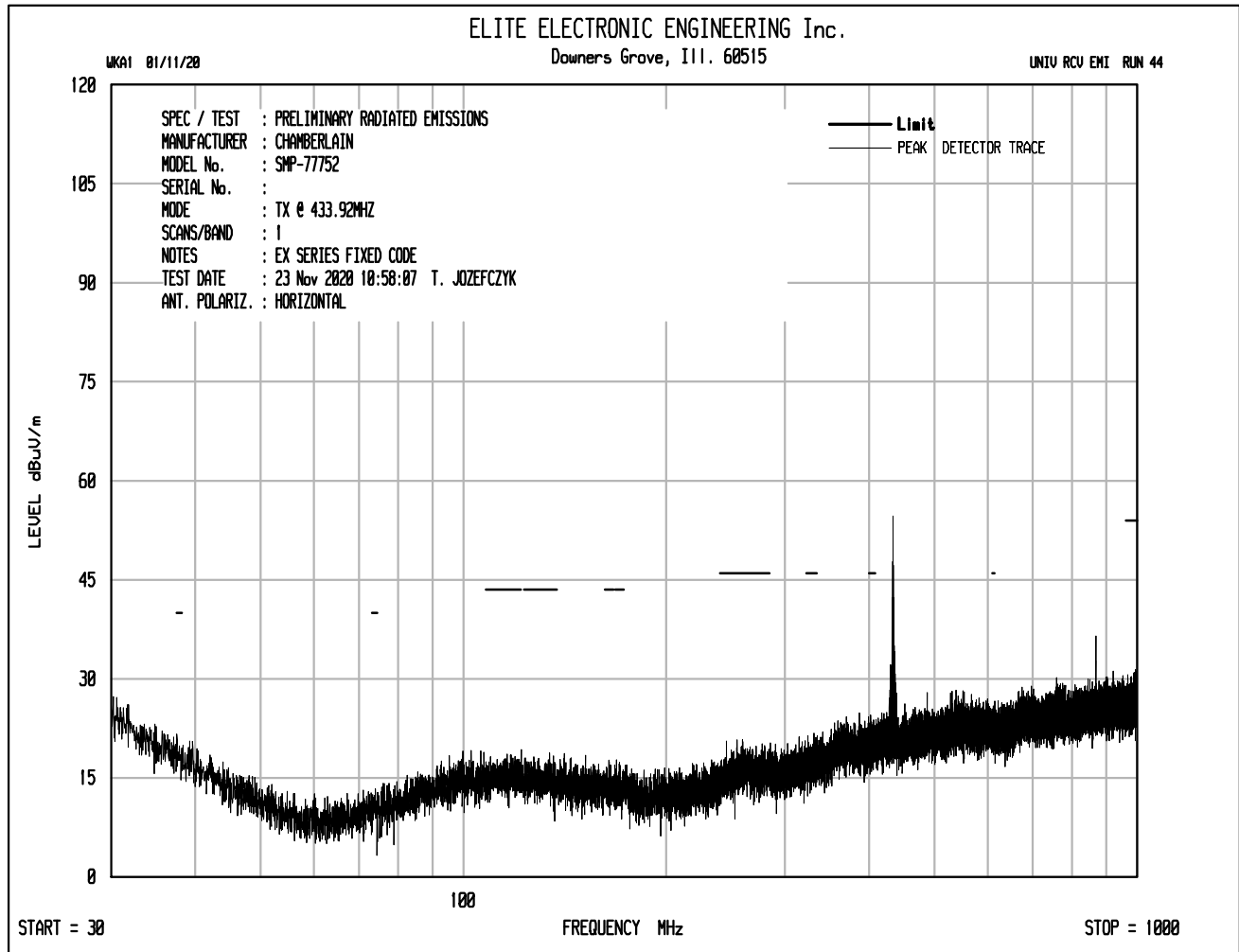


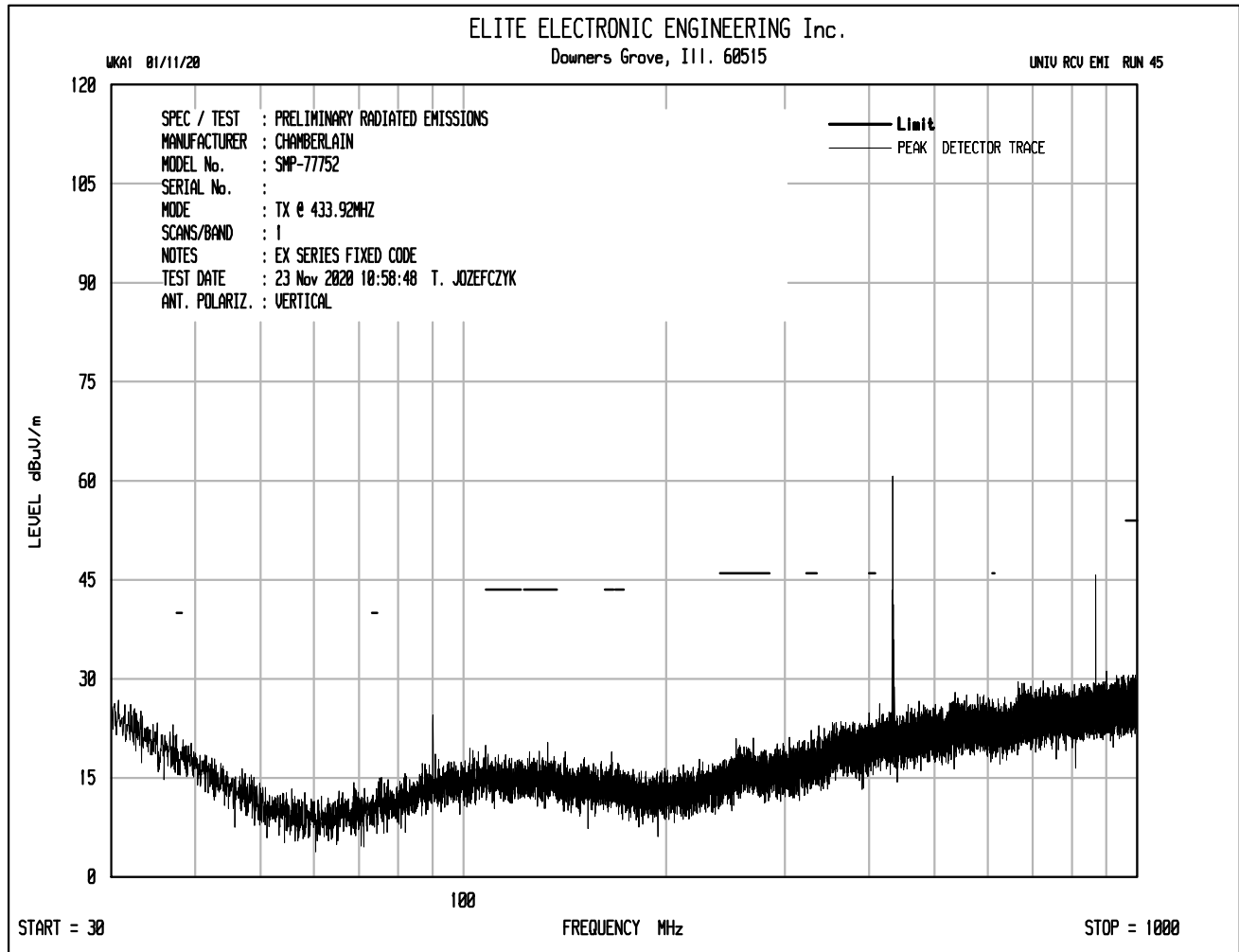


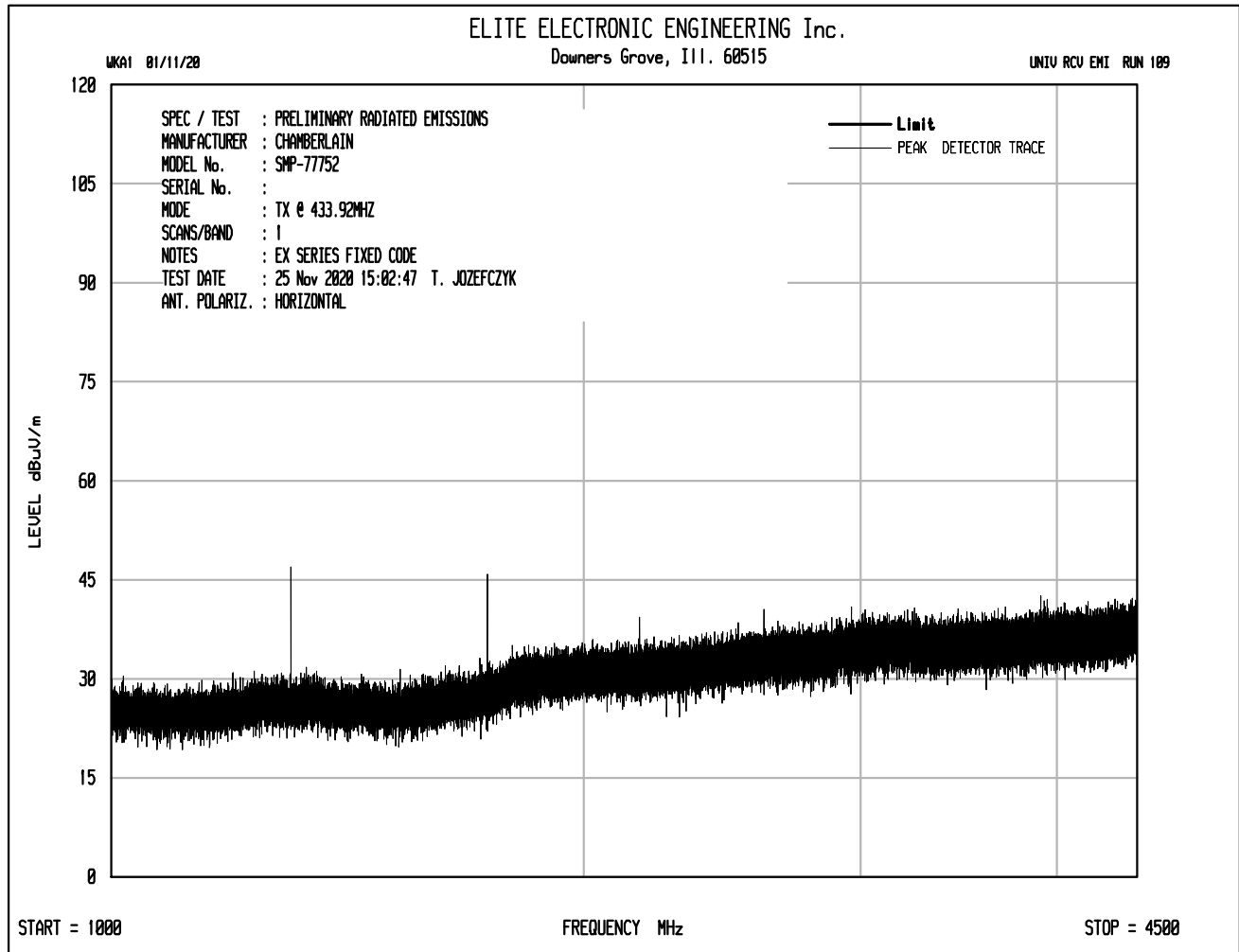


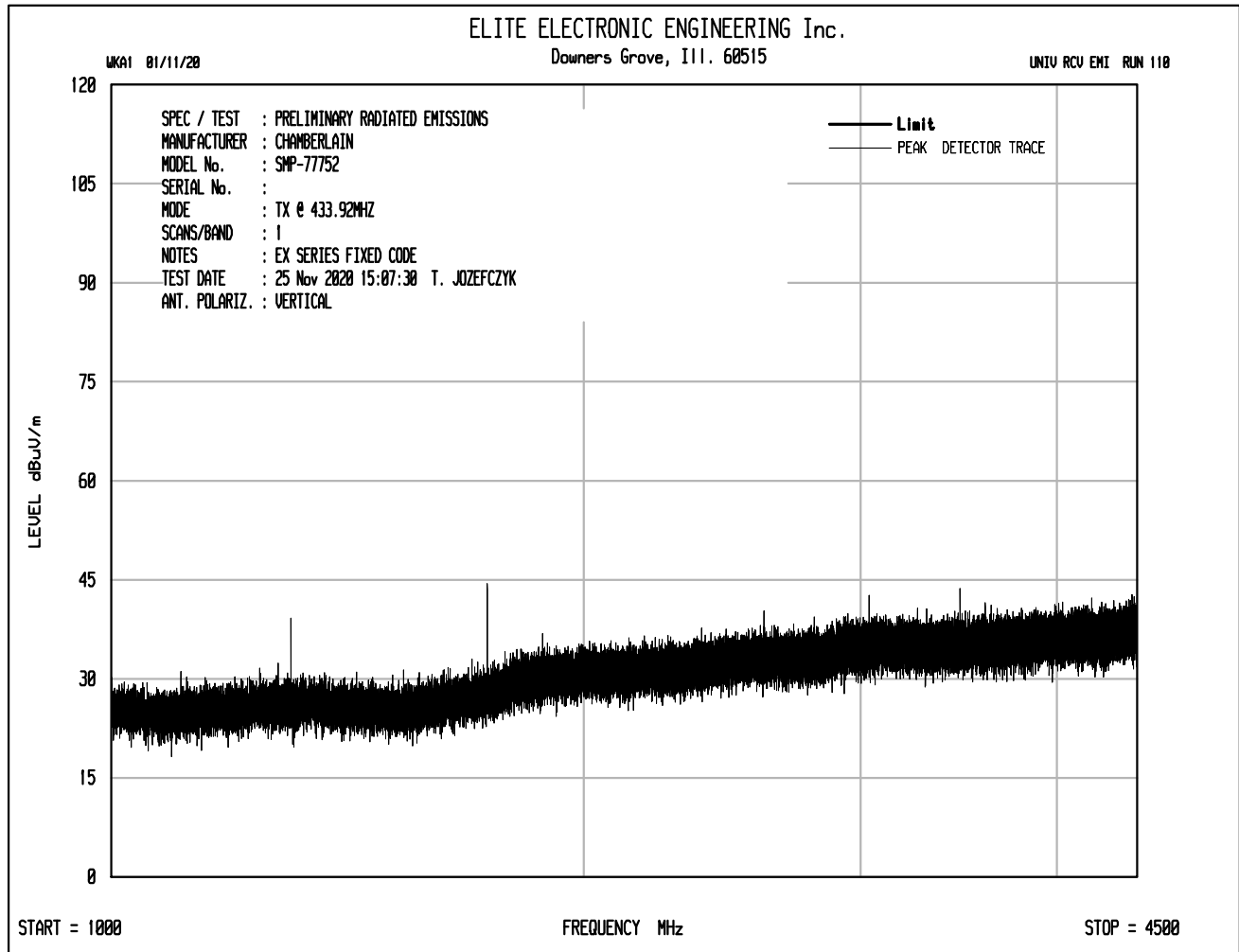












DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	315MHz (IntelliCode)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -12.15dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
315.00	H	64.04		1.81	19.43	0.00	-12.15	73.13	4534.77	6041.67	-2.49
315.00	V	65.34		1.81	19.43	0.00	-12.15	74.43	5266.90	6041.67	-1.19
630.00	H	28.30		2.51	24.94	0.00	-12.15	43.61	151.52	604.17	-12.01
630.00	V	30.31		2.51	24.94	0.00	-12.15	45.62	190.97	604.17	-10.00
945.00	H	24.85		2.91	26.99	0.00	-12.15	42.60	134.94	604.17	-13.02
945.00	V	25.52		2.91	26.99	0.00	-12.15	43.27	145.76	604.17	-12.35
1260.00	H	26.34		3.07	28.95	0.00	-12.15	46.21	204.47	604.17	-9.41
1260.00	V	21.52		3.07	28.95	0.00	-12.15	41.39	117.39	604.17	-14.23
1575.00	H	27.22		3.18	28.25	0.00	-12.15	46.51	211.49	500.00	-7.47
1575.00	V	24.19		3.18	28.25	0.00	-12.15	43.48	149.21	500.00	-10.50
1890.00	H	19.56		3.27	31.43	0.00	-12.15	42.11	127.52	604.17	-13.51
1890.00	V	18.10		3.27	31.43	0.00	-12.15	40.65	107.79	604.17	-14.97
2205.00	H	14.90		3.34	31.84	0.00	-12.15	37.94	78.86	500.00	-16.04
2205.00	V	13.31		3.34	31.84	0.00	-12.15	36.35	65.67	500.00	-17.63
2520.00	H	15.81		3.41	32.62	0.00	-12.15	39.69	96.45	604.17	-15.94
2520.00	V	17.64		3.41	32.62	0.00	-12.15	41.52	119.07	604.17	-14.11
2835.00	H	15.07		3.88	32.54	0.00	-12.15	39.34	92.71	500.00	-14.64
2835.00	V	15.32		3.88	32.54	0.00	-12.15	39.59	95.42	500.00	-14.39
3150.00	H	14.29		4.35	33.25	0.00	-12.15	39.74	97.06	604.17	-15.88
3150.00	V	17.31		4.35	33.25	0.00	-12.15	42.76	137.41	604.17	-12.86

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	390MHz (IntelliCode)
DATE TESTED	March 31, 2021
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -13.76dB New Power setting at 105

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
390.00	H	67.40		1.34	21.54	0.00	-13.76	76.53	6705.00	9166.67	-2.72
390.00	V	69.98		1.34	21.54	0.00	-13.76	79.11	9024.00	9166.67	-0.14
780.00	H	31.93		1.89	25.87	0.00	-13.76	45.93	197.99	916.67	-13.31
780.00	V	29.79		1.89	25.87	0.00	-13.76	43.79	154.75	916.67	-15.45
1170.00	H	28.94		2.35	29.26	0.00	-13.76	46.80	218.73	500.00	-7.18
1170.00	V	26.74		2.35	29.26	0.00	-13.76	44.60	169.79	500.00	-9.38
1560.00	H	27.19		2.74	29.11	0.00	-13.76	45.28	183.56	500.00	-8.70
1560.00	V	26.75		2.74	29.11	0.00	-13.76	44.84	174.50	500.00	-9.14
1950.00	H	22.70		3.03	32.59	0.00	-13.76	44.56	169.02	916.67	-14.69
1950.00	V	21.80		3.03	32.59	0.00	-13.76	43.66	152.38	916.67	-15.59
2340.00	H	23.08	Ambient	3.38	32.51	0.00	-13.76	45.21	182.20	500.00	-8.77
2340.00	V	23.08	Ambient	3.38	32.51	0.00	-13.76	45.21	182.20	500.00	-8.77
2730.00	H	23.08		3.69	33.29	0.00	-13.76	46.31	206.71	500.00	-7.67
2730.00	V	23.39		3.69	33.29	0.00	-13.76	46.62	214.22	500.00	-7.36
3120.00	H	24.10	Ambient	3.97	33.80	0.00	-13.76	48.10	254.13	916.67	-11.14
3120.00	V	24.10	Ambient	3.97	33.80	0.00	-13.76	48.10	254.13	916.67	-11.14
3510.00	H	23.50	Ambient	4.20	34.02	0.00	-13.76	47.96	250.15	916.67	-11.28
3510.00	V	23.50	Ambient	4.20	34.02	0.00	-13.76	47.96	250.15	916.67	-11.28
3900.00	H	22.76	Ambient	4.42	35.09	0.00	-13.76	48.51	266.33	500.00	-5.47
3900.00	V	22.76	Ambient	4.42	35.09	0.00	-13.76	48.51	266.33	500.00	-5.47

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	318MHz (MegaCode)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -16.48dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
318.00	H	64.42		1.81	19.49	0.00	-16.48	69.25	2899.75	6166.67	-6.55
318.00	V	70.15		1.81	19.49	0.00	-16.48	74.98	5608.67	6166.67	-0.82
636.00	H	28.79		2.53	24.97	0.00	-16.48	39.81	97.85	616.67	-15.99
636.00	V	27.25		2.53	24.97	0.00	-16.48	38.27	81.95	616.67	-17.53
954.00	H	23.30		2.91	27.07	0.00	-16.48	36.80	69.22	616.67	-19.00
954.00	V	23.42		2.91	27.07	0.00	-16.48	36.92	70.18	616.67	-18.88
1272.00	H	23.46		3.07	28.88	0.00	-16.48	38.94	88.50	616.67	-16.86
1272.00	V	21.15		3.07	28.88	0.00	-16.48	36.63	67.83	616.67	-19.17
1590.00	H	26.22		3.19	28.39	0.00	-16.48	41.32	116.39	500.00	-12.66
1590.00	V	22.69		3.19	28.39	0.00	-16.48	37.79	77.52	500.00	-16.19
1908.00	H	18.71		3.27	31.52	0.00	-16.48	37.02	70.98	616.67	-18.78
1908.00	V	19.36		3.27	31.52	0.00	-16.48	37.67	76.50	616.67	-18.13
2226.00	H	14.64	Ambient	3.35	31.90	0.00	-16.48	33.40	46.80	500.00	-20.57
2226.00	V	13.27	Ambient	3.35	31.90	0.00	-16.48	32.03	39.97	500.00	-21.94
2544.00	H	16.17		3.41	32.78	0.00	-16.48	35.88	62.25	616.67	-19.92
2544.00	V	16.76		3.41	32.78	0.00	-16.48	36.47	66.62	616.67	-19.33
2862.00	H	15.86		3.92	32.59	0.00	-16.48	35.89	62.33	500.00	-18.09
2862.00	V	16.12		3.92	32.59	0.00	-16.48	36.15	64.22	500.00	-17.83
3180.00	H	14.29	Ambient	4.39	33.27	0.00	-16.48	35.48	59.40	616.67	-20.33
3180.00	V	17.12		4.39	33.27	0.00	-16.48	38.31	82.28	616.67	-17.50

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	315MHz (D Code)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -13.15dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
315.00	H	60.50		1.81	19.43	0.00	-13.15	68.59	2688.78	6041.67	-7.03
315.00	V	66.43		1.81	19.43	0.00	-13.15	74.52	5321.76	6041.67	-1.10
630.00	H	26.86		2.51	24.94	0.00	-13.15	41.17	114.41	604.17	-14.45
630.00	V	23.39		2.51	24.94	0.00	-13.15	37.70	76.73	604.17	-17.92
945.00	H	21.51		2.91	26.99	0.00	-13.15	38.26	81.87	604.17	-17.36
945.00	V	21.59		2.91	26.99	0.00	-13.15	38.34	82.63	604.17	-17.28
1260.00	H	22.61		3.07	28.95	0.00	-13.15	41.48	118.61	604.17	-14.14
1260.00	V	20.23		3.07	28.95	0.00	-13.15	39.10	90.18	604.17	-16.52
1575.00	H	25.65		3.18	28.25	0.00	-13.15	43.94	157.32	500.00	-10.04
1575.00	V	22.55		3.18	28.25	0.00	-13.15	40.84	110.10	500.00	-13.14
1890.00	H	16.43		3.27	31.43	0.00	-13.15	37.98	79.26	604.17	-17.64
1890.00	V	17.35		3.27	31.43	0.00	-13.15	38.90	88.12	604.17	-16.72
2205.00	H	14.06	Ambient	3.34	31.84	0.00	-13.15	36.10	63.80	500.00	-17.88
2205.00	V	14.59	Ambient	3.34	31.84	0.00	-13.15	36.63	67.82	500.00	-17.35
2520.00	H	15.44		3.41	32.62	0.00	-13.15	38.32	82.38	604.17	-17.31
2520.00	V	16.16		3.41	32.62	0.00	-13.15	39.04	89.50	604.17	-16.59
2835.00	H	13.96	Ambient	3.88	32.54	0.00	-13.15	37.23	72.72	500.00	-16.75
2835.00	V	14.22		3.88	32.54	0.00	-13.15	37.49	74.93	500.00	-16.49
3150.00	H	14.15	Ambient	4.35	33.25	0.00	-13.15	38.60	85.12	604.17	-17.02
3150.00	V	16.11		4.35	33.25	0.00	-13.15	40.56	106.66	604.17	-15.06

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	390MHz (D Code)
DATE TESTED	April 1, 2021
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -13.74dB New Power Setting at 130

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
390.00	H	61.19		1.79	21.54	0.00	-13.74	70.79	3461.79	9166.67	-8.46
390.00	V	69.31		1.79	21.54	0.00	-13.74	78.91	8816.59	9166.67	-0.34
780.00	H	23.04		2.72	25.87	0.00	-13.74	37.89	78.44	916.67	-21.35
780.00	V	24.51		2.72	25.87	0.00	-13.74	39.36	92.90	916.67	-19.88
1170.00	H	28.15		3.23	29.26	0.00	-13.74	46.90	221.31	500.00	-7.08
1170.00	V	28.90		3.23	29.26	0.00	-13.74	47.65	241.27	500.00	-6.33
1560.00	H	23.31		3.62	29.11	0.00	-13.74	42.30	130.25	500.00	-11.68
1560.00	V	23.53		3.62	29.11	0.00	-13.74	42.52	133.59	500.00	-11.46
1950.00	H	22.55		3.96	32.59	0.00	-13.74	45.36	185.30	916.67	-13.89
1950.00	V	21.99		3.96	32.59	0.00	-13.74	44.80	173.73	916.67	-14.45
2340.00	H	22.63		4.24	32.51	0.00	-13.74	45.64	191.43	500.00	-8.34
2340.00	V	22.72		4.24	32.51	0.00	-13.74	45.73	193.42	500.00	-8.25
2730.00	H	23.73		4.60	33.29	0.00	-13.74	47.88	247.81	500.00	-6.10
2730.00	V	23.27	Ambient	4.60	33.29	0.00	-13.74	47.42	235.03	500.00	-6.56
3120.00	H	23.46	Ambient	5.04	33.80	0.00	-13.74	48.56	267.85	916.67	-10.69
3120.00	V	24.03	Ambient	5.04	33.80	0.00	-13.74	49.13	286.02	916.67	-10.12
3510.00	H	22.90	Ambient	5.39	34.02	0.00	-13.74	48.57	268.25	916.67	-10.67
3510.00	V	23.11	Ambient	5.39	34.02	0.00	-13.74	48.78	274.81	916.67	-10.46
3900.00	H	22.50	Ambient	5.49	35.09	0.00	-13.74	49.34	293.11	500.00	-4.64
3900.00	V	22.52	Ambient	5.49	35.09	0.00	-13.74	49.36	293.79	500.00	-4.62

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	390MHz (A Code)
DATE TESTED	April 1, 2021
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -6.15dB New Power Setting at 42

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
390.00	H	52.95		1.79	21.54	0.00	-6.15	70.14	3212.18	9166.67	-9.11
390.00	V	61.22		1.79	21.54	0.00	-6.15	78.41	8323.39	9166.67	-0.84
780.00	H	16.09		2.72	25.87	0.00	-6.15	38.53	84.44	916.67	-20.71
780.00	V	18.77		2.72	25.87	0.00	-6.15	41.21	114.96	916.67	-18.03
1170.00	H	20.34		3.23	29.26	0.00	-6.15	46.68	215.78	500.00	-7.30
1170.00	V	21.72		3.23	29.26	0.00	-6.15	48.06	252.94	500.00	-5.92
1560.00	H	17.45		3.62	29.11	0.00	-6.15	44.03	158.96	500.00	-9.95
1560.00	V	16.92		3.62	29.11	0.00	-6.15	43.50	149.55	500.00	-10.48
1950.00	H	15.49	Ambient	3.96	32.59	0.00	-6.15	45.89	196.96	916.67	-13.36
1950.00	V	15.86	Ambient	3.96	32.59	0.00	-6.15	46.26	205.53	916.67	-12.99
2340.00	H	16.80		4.24	32.51	0.00	-6.15	47.40	234.42	500.00	-6.58
2340.00	V	17.74		4.24	32.51	0.00	-6.15	48.34	261.22	500.00	-5.64
2730.00	H	16.02	Ambient	4.60	33.29	0.00	-6.15	47.76	244.41	500.00	-6.22
2730.00	V	17.41	Ambient	4.60	33.29	0.00	-6.15	49.15	286.83	500.00	-4.83
3120.00	H	17.29		5.04	33.80	0.00	-6.15	49.98	315.42	916.67	-9.27
3120.00	V	18.16		5.04	33.80	0.00	-6.15	50.85	348.65	916.67	-8.40
3510.00	H	17.59	Ambient	5.39	34.02	0.00	-6.15	50.85	348.77	916.67	-8.39
3510.00	V	17.20	Ambient	5.39	34.02	0.00	-6.15	50.46	333.45	916.67	-8.78
3900.00	H	17.81	Ambient	5.49	35.09	0.00	-6.15	52.24	409.29	500.00	-1.74
3900.00	V	18.43	Ambient	5.49	35.09	0.00	-6.15	52.86	439.58	500.00	-1.12

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	310MHz (Secure Code)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -12.32dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
310.00	H	61.25		1.80	19.33	0.00	-12.32	70.06	3185.27	5833.33	-5.26
310.00	V	65.75		1.80	19.33	0.00	-12.32	74.56	5347.44	5833.33	-0.76
620.00	H	23.70		2.49	24.87	0.00	-12.32	38.74	86.50	583.33	-16.58
620.00	V	22.74		2.49	24.87	0.00	-12.32	37.78	77.45	583.33	-17.54
930.00	H	23.05		2.90	26.87	0.00	-12.32	40.50	105.91	583.33	-14.82
930.00	V	22.45		2.90	26.87	0.00	-12.32	39.90	98.84	583.33	-15.42
1240.00	H	21.87		3.06	28.89	0.00	-12.32	41.50	118.80	500.00	-12.48
1240.00	V	18.72		3.06	28.89	0.00	-12.32	38.35	82.66	500.00	-15.63
1550.00	H	27.71		3.18	28.02	0.00	-12.32	46.59	213.49	500.00	-7.39
1550.00	V	23.75		3.18	28.02	0.00	-12.32	42.63	135.33	500.00	-11.35
1860.00	H	18.66		3.26	31.08	0.00	-12.32	40.68	108.17	583.33	-14.64
1860.00	V	16.68		3.26	31.08	0.00	-12.32	38.70	86.12	583.33	-16.62
2170.00	H	14.09	Ambient	3.33	31.81	0.00	-12.32	36.91	70.08	583.33	-18.41
2170.00	V	13.05	Ambient	3.33	31.81	0.00	-12.32	35.87	62.17	583.33	-19.45
2480.00	H	17.46		3.40	32.53	0.00	-12.32	41.07	113.13	583.33	-14.25
2480.00	V	18.42		3.40	32.53	0.00	-12.32	42.03	126.35	583.33	-13.29
2790.00	H	13.86	Ambient	3.81	32.50	0.00	-12.32	37.86	78.15	500.00	-16.12
2790.00	V	14.73		3.81	32.50	0.00	-12.32	38.73	86.35	500.00	-15.25
3100.00	H	14.63		4.28	33.32	0.00	-12.32	39.91	98.98	583.33	-15.41
3100.00	V	17.43		4.28	33.32	0.00	-12.32	42.71	136.62	583.33	-12.61

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	310MHz (E Code)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -16.48dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
310.00	H	63.14		1.80	19.33	0.00	-16.48	67.79	2452.71	5833.33	-7.53
310.00	V	64.68		1.80	19.33	0.00	-16.48	69.33	2928.50	5833.33	-5.99
620.00	H	33.95		2.49	24.87	0.00	-16.48	44.83	174.40	583.33	-10.49
620.00	V	29.73		2.49	24.87	0.00	-16.48	40.61	107.29	583.33	-14.71
930.00	H	23.21		2.90	26.87	0.00	-16.48	36.50	66.83	583.33	-18.82
930.00	V	23.99		2.90	26.87	0.00	-16.48	37.28	73.10	583.33	-18.04
1240.00	H	22.54		3.06	28.89	0.00	-16.48	38.01	79.49	500.00	-15.97
1240.00	V	18.79		3.06	28.89	0.00	-16.48	34.26	51.62	500.00	-19.72
1550.00	H	29.03		3.18	28.02	0.00	-16.48	43.75	153.95	500.00	-10.23
1550.00	V	25.81		3.18	28.02	0.00	-16.48	40.53	106.26	500.00	-13.45
1860.00	H	18.90		3.26	31.08	0.00	-16.48	36.76	68.88	583.33	-18.56
1860.00	V	17.51		3.26	31.08	0.00	-16.48	35.37	58.70	583.33	-19.95
2170.00	H	14.53	Ambient	3.33	31.81	0.00	-16.48	33.19	45.67	583.33	-22.13
2170.00	V	13.19	Ambient	3.33	31.81	0.00	-16.48	31.85	39.14	583.33	-23.47
2480.00	H	18.04		3.40	32.53	0.00	-16.48	37.49	74.92	583.33	-17.83
2480.00	V	17.95		3.40	32.53	0.00	-16.48	37.40	74.14	583.33	-17.92
2790.00	H	16.44	Ambient	3.81	32.50	0.00	-16.48	36.28	65.13	500.00	-17.70
2790.00	V	15.50	Ambient	3.81	32.50	0.00	-16.48	35.34	58.45	500.00	-18.64
3100.00	H	14.84	Ambient	4.28	33.32	0.00	-16.48	35.96	62.81	583.33	-19.36
3100.00	V	17.73		4.28	33.32	0.00	-16.48	38.85	87.61	583.33	-16.47

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	315MHz (E Code)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -16.48dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
315.00	H	64.50		1.81	19.43	0.00	-16.48	69.26	2904.39	6041.67	-6.36
315.00	V	67.10		1.81	19.43	0.00	-16.48	71.86	3917.92	6041.67	-3.76
630.00	H	36.50		2.51	24.94	0.00	-16.48	47.48	236.57	604.17	-8.14
630.00	V	32.34		2.51	24.94	0.00	-16.48	43.32	146.54	604.17	-12.30
945.00	H	23.49		2.91	26.99	0.00	-16.48	36.91	70.09	604.17	-18.71
945.00	V	22.03		2.91	26.99	0.00	-16.48	35.45	59.24	604.17	-20.17
1260.00	H	24.97		3.07	28.95	0.00	-16.48	40.51	106.08	604.17	-15.11
1260.00	V	22.06		3.07	28.95	0.00	-16.48	37.60	75.88	604.17	-18.02
1575.00	H	26.56		3.18	28.25	0.00	-16.48	41.52	119.06	500.00	-12.46
1575.00	V	23.65		3.18	28.25	0.00	-16.48	38.61	85.17	500.00	-15.37
1890.00	H	19.46		3.27	31.43	0.00	-16.48	37.68	76.57	604.17	-17.94
1890.00	V	18.96		3.27	31.43	0.00	-16.48	37.18	72.29	604.17	-18.44
2205.00	H	14.25	Ambient	3.34	31.84	0.00	-16.48	32.96	44.45	500.00	-21.02
2205.00	V	12.48	Ambient	3.34	31.84	0.00	-16.48	31.19	36.25	500.00	-22.79
2520.00	H	16.28		3.41	32.62	0.00	-16.48	35.83	61.84	604.17	-19.80
2520.00	V	18.18		3.41	32.62	0.00	-16.48	37.73	76.97	604.17	-17.90
2835.00	H	15.30	Ambient	3.88	32.54	0.00	-16.48	35.24	57.83	500.00	-18.74
2835.00	V	16.25		3.88	32.54	0.00	-16.48	36.19	64.51	500.00	-17.79
3150.00	H	14.73	Ambient	4.35	33.25	0.00	-16.48	35.85	62.02	604.17	-19.77
3150.00	V	16.69		4.35	33.25	0.00	-16.48	37.81	77.72	604.17	-17.81

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	390MHz (E Code)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -16.06dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
390.00	H	67.07		1.94	21.61	0.00	-16.06	74.56	5344.98	9166.67	-4.69
390.00	V	70.69		1.94	21.61	0.00	-16.06	78.18	8108.60	9166.67	-1.07
780.00	H	35.67		2.80	25.80	0.00	-16.06	48.21	257.25	916.67	-11.04
780.00	V	29.51		2.80	25.80	0.00	-16.06	42.05	126.58	916.67	-17.20
1170.00	H	32.15		3.03	28.40	0.00	-16.06	47.51	237.51	500.00	-6.47
1170.00	V	30.87		3.03	28.40	0.00	-16.06	46.23	204.97	500.00	-7.75
1560.00	H	23.49		3.18	28.12	0.00	-16.06	38.72	86.33	500.00	-15.26
1560.00	V	21.60		3.18	28.12	0.00	-16.06	36.83	69.45	500.00	-17.15
1950.00	H	19.78		3.28	31.36	0.00	-16.06	38.36	82.79	916.67	-20.89
1950.00	V	16.54		3.28	31.36	0.00	-16.06	35.12	57.01	916.67	-24.13
2340.00	H	19.67		3.37	32.17	0.00	-16.06	39.15	90.68	500.00	-14.83
2340.00	V	21.82		3.37	32.17	0.00	-16.06	41.30	116.15	500.00	-12.68
2730.00	H	16.77		3.71	32.59	0.00	-16.06	37.01	70.88	500.00	-16.97
2730.00	V	16.60		3.71	32.59	0.00	-16.06	36.84	69.50	500.00	-17.14
3120.00	H	15.52		4.31	33.29	0.00	-16.06	37.06	71.29	916.67	-22.18
3120.00	V	19.11		4.31	33.29	0.00	-16.06	40.65	107.78	916.67	-18.59
3510.00	H	16.18	Ambient	4.76	33.20	0.00	-16.06	38.07	80.11	916.67	-21.17
3510.00	V	17.38		4.76	33.20	0.00	-16.06	39.27	91.98	916.67	-19.97
3900.00	H	16.19	Ambient	4.78	33.51	0.00	-16.06	38.41	83.31	500.00	-15.57
3900.00	V	17.40		4.78	33.51	0.00	-16.06	39.62	95.77	500.00	-14.36

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	372.5MHz (Rolling Code – Keeloq Based)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -12.77dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
372.50	H	61.59		1.91	20.82	0.00	-12.77	71.55	3781.50	8437.50	-6.97
372.50	V	64.52		1.91	20.82	0.00	-12.77	74.48	5298.64	8437.50	-4.04
745.00	H	24.18		2.74	25.84	0.00	-12.77	40.00	99.96	843.75	-18.53
745.00	V	19.47		2.74	25.84	0.00	-12.77	35.29	58.12	843.75	-23.24
1117.50	H	27.26		3.00	27.97	0.00	-12.77	45.47	187.65	500.00	-8.51
1117.50	V	25.45		3.00	27.97	0.00	-12.77	43.66	152.35	500.00	-10.32
1490.00	H	24.02		3.16	28.04	0.00	-12.77	42.45	132.61	500.00	-11.53
1490.00	V	24.28		3.16	28.04	0.00	-12.77	42.71	136.64	500.00	-11.27
1862.50	H	18.51		3.26	31.11	0.00	-12.77	40.12	101.36	843.75	-18.41
1862.50	V	15.35		3.26	31.11	0.00	-12.77	36.96	70.45	843.75	-21.57
2235.00	H	17.48		3.35	31.92	0.00	-12.77	39.98	99.78	500.00	-14.00
2235.00	V	18.04		3.35	31.92	0.00	-12.77	40.54	106.43	500.00	-13.44
2607.50	H	13.26	Ambient	3.51	32.64	0.00	-12.77	36.65	67.99	843.75	-21.88
2607.50	V	14.00	Ambient	3.51	32.64	0.00	-12.77	37.39	74.03	843.75	-21.14
2980.00	H	18.44		4.10	32.98	0.00	-12.77	42.76	137.45	843.75	-15.76
2980.00	V	19.97		4.10	32.98	0.00	-12.77	44.29	163.93	843.75	-14.23
3352.50	H	14.28	Ambient	4.63	33.12	0.00	-12.77	39.27	91.92	500.00	-14.71
3352.50	V	15.60		4.63	33.12	0.00	-12.77	40.59	107.00	500.00	-13.39
3725.00	H	15.24		4.77	33.21	0.00	-12.77	40.45	105.36	500.00	-13.53
3725.00	V	16.31		4.77	33.21	0.00	-12.77	41.52	119.17	500.00	-12.46

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	310MHz (8 DIP Code)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -9.90dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
310.00	H	60.28		1.80	19.33	0.00	-9.90	71.52	3765.27	5833.33	-3.80
310.00	V	62.96		1.80	19.33	0.00	-9.90	74.20	5126.20	5833.33	-1.12
620.00	H	31.97		2.49	24.87	0.00	-9.90	49.43	296.27	583.33	-5.88
620.00	V	28.21		2.49	24.87	0.00	-9.90	45.67	192.17	583.33	-9.64
930.00	H	20.82		2.90	26.87	0.00	-9.90	40.69	108.29	583.33	-14.63
930.00	V	23.08		2.90	26.87	0.00	-9.90	42.95	140.47	583.33	-12.37
1240.00	H	22.13		3.06	28.89	0.00	-9.90	44.18	161.79	500.00	-9.80
1240.00	V	18.55		3.06	28.89	0.00	-9.90	40.60	107.14	500.00	-13.38
1550.00	H	27.72		3.18	28.02	0.00	-9.90	49.02	282.51	500.00	-4.96
1550.00	V	23.72		3.18	28.02	0.00	-9.90	45.02	178.25	500.00	-8.96
1860.00	H	17.57		3.26	31.08	0.00	-9.90	42.02	126.12	583.33	-13.30
1860.00	V	17.86		3.26	31.08	0.00	-9.90	42.31	130.40	583.33	-13.01
2170.00	H	14.49	Ambient	3.33	31.81	0.00	-9.90	39.74	97.00	583.33	-15.58
2170.00	V	12.73	Ambient	3.33	31.81	0.00	-9.90	37.98	79.21	583.33	-17.34
2480.00	H	17.08		3.40	32.53	0.00	-9.90	43.11	143.13	583.33	-12.20
2480.00	V	17.23		3.40	32.53	0.00	-9.90	43.26	145.62	583.33	-12.05
2790.00	H	13.74	Ambient	3.81	32.50	0.00	-9.90	40.16	101.84	500.00	-13.82
2790.00	V	14.63		3.81	32.50	0.00	-9.90	41.05	112.83	500.00	-12.93
3100.00	H	14.88	Ambient	4.28	33.32	0.00	-9.90	42.58	134.64	583.33	-12.73
3100.00	V	17.68		4.28	33.32	0.00	-9.90	45.38	185.86	583.33	-9.93

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	315MHz (9 DIP Code)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -7.85dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
315.00	H	59.68		1.81	19.43	0.00	-7.85	73.07	4503.55	6041.67	-2.55
315.00	V	61.94		1.81	19.43	0.00	-7.85	75.33	5841.92	6041.67	-0.29
630.00	H	30.39		2.51	24.94	0.00	-7.85	50.00	316.20	604.17	-5.62
630.00	V	27.27		2.51	24.94	0.00	-7.85	46.88	220.78	604.17	-8.74
945.00	H	20.07		2.91	26.99	0.00	-7.85	42.12	127.69	604.17	-13.50
945.00	V	19.68		2.91	26.99	0.00	-7.85	41.73	122.08	604.17	-13.89
1260.00	H	21.24		3.07	28.95	0.00	-7.85	45.41	186.48	604.17	-10.21
1260.00	V	19.11		3.07	28.95	0.00	-7.85	43.28	145.92	604.17	-12.34
1575.00	H	23.29		3.18	28.25	0.00	-7.85	46.88	220.69	500.00	-7.10
1575.00	V	20.72		3.18	28.25	0.00	-7.85	44.31	164.17	500.00	-9.67
1890.00	H	16.02		3.27	31.43	0.00	-7.85	42.87	139.18	604.17	-12.75
1890.00	V	14.94		3.27	31.43	0.00	-7.85	41.79	122.91	604.17	-13.83
2205.00	H	13.27	Ambient	3.34	31.84	0.00	-7.85	40.61	107.24	500.00	-13.37
2205.00	V	12.71	Ambient	3.34	31.84	0.00	-7.85	40.05	100.54	500.00	-13.93
2520.00	H	14.10	Ambient	3.41	32.62	0.00	-7.85	42.28	129.96	604.17	-13.35
2520.00	V	16.79		3.41	32.62	0.00	-7.85	44.97	177.13	604.17	-10.66
2835.00	H	14.50	Ambient	3.88	32.54	0.00	-7.85	43.07	142.44	500.00	-10.91
2835.00	V	13.30	Ambient	3.88	32.54	0.00	-7.85	41.87	124.06	500.00	-12.11
3150.00	H	14.30	Ambient	4.35	33.25	0.00	-7.85	44.05	159.41	604.17	-11.57
3150.00	V	15.97		4.35	33.25	0.00	-7.85	45.72	193.21	604.17	-9.90

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	310MHz (10 DIP Code)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -5.11dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
310.00	H	57.33		1.80	19.33	0.00	-5.11	73.35	4652.07	5833.33	-1.97
310.00	V	58.47		1.80	19.33	0.00	-5.11	74.49	5304.52	5833.33	-0.83
620.00	H	27.48		2.49	24.87	0.00	-5.11	49.73	306.58	583.33	-5.59
620.00	V	24.24		2.49	24.87	0.00	-5.11	46.49	211.12	583.33	-8.83
930.00	H	19.34		2.90	26.87	0.00	-5.11	44.00	158.47	583.33	-11.32
930.00	V	19.70		2.90	26.87	0.00	-5.11	44.36	165.18	583.33	-10.96
1240.00	H	19.13		3.06	28.89	0.00	-5.11	45.97	198.75	500.00	-8.01
1240.00	V	16.31		3.06	28.89	0.00	-5.11	43.15	143.65	500.00	-10.83
1550.00	H	25.02		3.18	28.02	0.00	-5.11	51.11	359.24	500.00	-2.87
1550.00	V	21.10		3.18	28.02	0.00	-5.11	47.19	228.76	500.00	-6.79
1860.00	H	15.78		3.26	31.08	0.00	-5.11	45.01	178.08	583.33	-10.31
1860.00	V	15.64		3.26	31.08	0.00	-5.11	44.87	175.24	583.33	-10.45
2170.00	H	13.00	Ambient	3.33	31.81	0.00	-5.11	43.03	141.78	583.33	-12.29
2170.00	V	13.06	Ambient	3.33	31.81	0.00	-5.11	43.09	142.76	583.33	-12.23
2480.00	H	16.53		3.40	32.53	0.00	-5.11	47.35	233.12	583.33	-7.97
2480.00	V	15.95		3.40	32.53	0.00	-5.11	46.77	218.06	583.33	-8.55
2790.00	H	14.50	Ambient	3.81	32.50	0.00	-5.11	45.71	192.87	500.00	-8.27
2790.00	V	13.39	Ambient	3.81	32.50	0.00	-5.11	44.60	169.73	500.00	-9.38
3100.00	H	14.00	Ambient	4.28	33.32	0.00	-5.11	46.49	211.12	583.33	-8.83
3100.00	V	15.93		4.28	33.32	0.00	-5.11	48.42	263.65	583.33	-6.90

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	390MHz (12 DIP Code)
DATE TESTED	November 23 & 24, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -6.00dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
390.00	H	56.72		1.94	21.61	0.00	-6.00	74.27	5169.47	9166.67	-4.98
390.00	V	61.48		1.94	21.61	0.00	-6.00	79.03	8942.23	9166.67	-0.22
780.00	H	25.88		2.80	25.80	0.00	-6.00	48.48	265.37	916.67	-10.77
780.00	V	20.40		2.80	25.80	0.00	-6.00	43.00	141.21	916.67	-16.25
1170.00	H	24.12		3.03	28.40	0.00	-6.00	49.54	300.04	500.00	-4.44
1170.00	V	22.89		3.03	28.40	0.00	-6.00	48.31	260.43	500.00	-5.67
1560.00	H	17.26		3.18	28.12	0.00	-6.00	42.55	134.17	500.00	-11.43
1560.00	V	16.65		3.18	28.12	0.00	-6.00	41.94	125.07	500.00	-12.04
1950.00	H	14.47	Ambient	3.28	31.36	0.00	-6.00	43.11	143.04	916.67	-16.14
1950.00	V	14.29	Ambient	3.28	31.36	0.00	-6.00	42.93	140.11	916.67	-16.32
2340.00	H	14.65	Ambient	3.37	32.17	0.00	-6.00	44.19	162.00	500.00	-9.79
2340.00	V	16.10		3.37	32.17	0.00	-6.00	45.64	191.43	500.00	-8.34
2730.00	H	13.61	Ambient	3.71	32.59	0.00	-6.00	43.91	156.86	500.00	-10.07
2730.00	V	13.20	Ambient	3.71	32.59	0.00	-6.00	43.50	149.63	500.00	-10.48
3120.00	H	14.31	Ambient	4.31	33.29	0.00	-6.00	45.91	197.48	916.67	-13.33
3120.00	V	15.41		4.31	33.29	0.00	-6.00	47.01	224.14	916.67	-12.23
3510.00	H	14.08	Ambient	4.76	33.20	0.00	-6.00	46.03	200.31	916.67	-13.21
3510.00	V	14.02	Ambient	4.76	33.20	0.00	-6.00	45.97	198.93	916.67	-13.27
3900.00	H	15.71	Ambient	4.78	33.51	0.00	-6.00	47.99	251.02	500.00	-5.99
3900.00	V	15.72	Ambient	4.78	33.51	0.00	-6.00	48.00	251.31	500.00	-5.98

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	390MHz (7 DIP Code)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -10.75dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
390.00	H	62.48		1.94	21.61	0.00	-10.75	75.28	5806.92	9166.67	-3.97
390.00	V	65.70		1.94	21.61	0.00	-10.75	78.50	8412.91	9166.67	-0.75
780.00	H	29.58		2.80	25.80	0.00	-10.75	47.43	235.16	916.67	-11.82
780.00	V	25.13		2.80	25.80	0.00	-10.75	42.98	140.88	916.67	-16.27
1170.00	H	28.77		3.03	28.40	0.00	-10.75	49.44	296.61	500.00	-4.54
1170.00	V	27.80		3.03	28.40	0.00	-10.75	48.47	265.27	500.00	-5.51
1560.00	H	23.53		3.18	28.12	0.00	-10.75	44.07	159.83	500.00	-9.91
1560.00	V	21.03		3.18	28.12	0.00	-10.75	41.57	119.86	500.00	-12.41
1950.00	H	18.77		3.28	31.36	0.00	-10.75	42.66	135.82	916.67	-16.59
1950.00	V	16.56		3.28	31.36	0.00	-10.75	40.45	105.31	916.67	-18.80
2340.00	H	18.10		3.37	32.17	0.00	-10.75	42.89	139.48	500.00	-11.09
2340.00	V	20.55		3.37	32.17	0.00	-10.75	45.34	184.94	500.00	-8.64
2730.00	H	16.56	Ambient	3.71	32.59	0.00	-10.75	42.11	127.50	500.00	-11.87
2730.00	V	15.62	Ambient	3.71	32.59	0.00	-10.75	41.17	114.42	500.00	-12.81
3120.00	H	16.22		4.31	33.29	0.00	-10.75	43.07	142.41	916.67	-16.17
3120.00	V	19.77		4.31	33.29	0.00	-10.75	46.62	214.30	916.67	-12.62
3510.00	H	16.57		4.76	33.20	0.00	-10.75	43.77	154.42	916.67	-15.47
3510.00	V	16.40		4.76	33.20	0.00	-10.75	43.60	151.43	916.67	-15.64
3900.00	H	16.25	Ambient	4.78	33.51	0.00	-10.75	43.78	154.60	500.00	-10.20
3900.00	V	16.95		4.78	33.51	0.00	-10.75	44.48	167.58	500.00	-9.50

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	390MHz (8 DIP Code)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -9.88dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
390.00	H	61.58		1.94	21.61	0.00	-9.88	75.25	5787.57	9166.67	-3.99
390.00	V	65.29		1.94	21.61	0.00	-9.88	78.96	8871.48	9166.67	-0.28
780.00	H	29.45		2.80	25.80	0.00	-9.88	48.17	256.10	916.67	-11.08
780.00	V	24.18		2.80	25.80	0.00	-9.88	42.90	139.61	916.67	-16.35
1170.00	H	29.04		3.03	28.40	0.00	-9.88	50.58	338.25	500.00	-3.39
1170.00	V	28.51		3.03	28.40	0.00	-9.88	50.05	318.23	500.00	-3.92
1560.00	H	24.39		3.18	28.12	0.00	-9.88	45.80	195.08	500.00	-8.18
1560.00	V	22.36		3.18	28.12	0.00	-9.88	43.77	154.43	500.00	-10.21
1950.00	H	19.78		3.28	31.36	0.00	-9.88	44.54	168.66	916.67	-14.70
1950.00	V	16.81		3.28	31.36	0.00	-9.88	41.57	119.81	916.67	-17.67
2340.00	H	18.10		3.37	32.17	0.00	-9.88	43.76	154.20	500.00	-10.22
2340.00	V	21.21		3.37	32.17	0.00	-9.88	46.87	220.58	500.00	-7.11
2730.00	H	17.76		3.71	32.59	0.00	-9.88	44.18	161.83	500.00	-9.80
2730.00	V	15.55		3.71	32.59	0.00	-9.88	41.97	125.47	500.00	-12.01
3120.00	H	16.82		4.31	33.29	0.00	-9.88	44.54	168.68	916.67	-14.70
3120.00	V	19.59		4.31	33.29	0.00	-9.88	47.31	232.05	916.67	-11.93
3510.00	H	16.25		4.76	33.20	0.00	-9.88	44.33	164.54	916.67	-14.92
3510.00	V	16.74		4.76	33.20	0.00	-9.88	44.82	174.08	916.67	-14.43
3900.00	H	16.22	Ambient	4.78	33.51	0.00	-9.88	44.63	170.32	500.00	-9.35
3900.00	V	17.77		4.78	33.51	0.00	-9.88	46.18	203.59	500.00	-7.80

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	300MHz (10 DIP Code)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -6.88dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
300.00	H	53.66		1.78	19.13	0.00	-6.88	67.69	2424.71	5416.67	-6.98
300.00	V	54.84		1.78	19.13	0.00	-6.88	68.87	2777.54	5416.67	-5.80
600.00	H	23.49		2.45	24.71	0.00	-6.88	43.77	154.37	541.67	-10.90
600.00	V	18.53		2.45	24.71	0.00	-6.88	38.81	87.21	541.67	-15.86
900.00	H	22.99		2.88	26.49	0.00	-6.88	45.48	188.03	541.67	-9.19
900.00	V	22.14		2.88	26.49	0.00	-6.88	44.63	170.50	541.67	-10.04
1200.00	H	22.70		3.04	28.37	0.00	-6.88	47.23	229.93	500.00	-6.75
1200.00	V	21.13		3.04	28.37	0.00	-6.88	45.66	191.91	500.00	-8.32
1500.00	H	29.43		3.16	28.00	0.00	-6.88	53.71	484.98	500.00	-0.26
1500.00	V	27.85		3.16	28.00	0.00	-6.88	52.13	404.32	500.00	-1.84
1800.00	H	19.02		3.25	30.91	0.00	-6.88	46.30	206.47	541.67	-8.38
1800.00	V	18.31		3.25	30.91	0.00	-6.88	45.59	190.26	541.67	-9.09
2100.00	H	15.46	Ambient	3.32	31.84	0.00	-6.88	43.74	153.80	541.67	-10.94
2100.00	V	13.02	Ambient	3.32	31.84	0.00	-6.88	41.30	116.14	541.67	-13.38
2400.00	H	17.48		3.38	32.18	0.00	-6.88	46.16	203.32	541.67	-8.51
2400.00	V	17.12		3.38	32.18	0.00	-6.88	45.80	195.07	541.67	-8.87
2700.00	H	15.12	Ambient	3.67	32.56	0.00	-6.88	44.47	167.28	500.00	-9.51
2700.00	V	15.24		3.67	32.56	0.00	-6.88	44.59	169.60	500.00	-9.39
3000.00	H	17.03		4.13	33.07	0.00	-6.88	47.36	233.31	541.67	-7.32
3000.00	V	20.26		4.13	33.07	0.00	-6.88	50.59	338.40	541.67	-4.09

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	390MHz (9 DIP Code - Chamberlain)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -10.75dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
390.00	H	61.39		1.94	21.61	0.00	-10.75	74.19	5122.08	9166.67	-5.06
390.00	V	66.22		1.94	21.61	0.00	-10.75	79.02	8931.94	9166.67	-0.23
780.00	H	28.86		2.80	25.80	0.00	-10.75	46.71	216.45	916.67	-12.54
780.00	V	24.96		2.80	25.80	0.00	-10.75	42.81	138.15	916.67	-16.44
1170.00	H	28.62		3.03	28.40	0.00	-10.75	49.29	291.53	500.00	-4.69
1170.00	V	26.72		3.03	28.40	0.00	-10.75	47.39	234.25	500.00	-6.59
1560.00	H	20.79		3.18	28.12	0.00	-10.75	41.33	116.59	500.00	-12.65
1560.00	V	18.57		3.18	28.12	0.00	-10.75	39.11	90.30	500.00	-14.87
1950.00	H	16.85		3.28	31.36	0.00	-10.75	40.74	108.88	916.67	-18.51
1950.00	V	15.10		3.28	31.36	0.00	-10.75	38.99	89.01	916.67	-20.26
2340.00	H	15.97		3.37	32.17	0.00	-10.75	40.76	109.15	500.00	-13.22
2340.00	V	18.82		3.37	32.17	0.00	-10.75	43.61	151.54	500.00	-10.37
2730.00	H	16.16		3.71	32.59	0.00	-10.75	41.71	121.76	500.00	-12.27
2730.00	V	14.75	Ambient	3.71	32.59	0.00	-10.75	40.30	103.52	500.00	-13.68
3120.00	H	14.65	Ambient	4.31	33.29	0.00	-10.75	41.50	118.86	916.67	-17.74
3120.00	V	16.89		4.31	33.29	0.00	-10.75	43.74	153.82	916.67	-15.50
3510.00	H	14.57	Ambient	4.76	33.20	0.00	-10.75	41.77	122.66	916.67	-17.47
3510.00	V	14.98	Ambient	4.76	33.20	0.00	-10.75	42.18	128.59	916.67	-17.06
3900.00	H	15.61	Ambient	4.78	33.51	0.00	-10.75	43.14	143.62	500.00	-10.84
3900.00	V	15.07	Ambient	4.78	33.51	0.00	-10.75	42.60	134.96	500.00	-11.38

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	390MHz (9 DIP Code - Genie)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -6.00dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
390.00	H	56.43		1.94	21.61	0.00	-6.00	73.98	4999.72	9166.67	-5.27
390.00	V	61.02		1.94	21.61	0.00	-6.00	78.57	8480.98	9166.67	-0.68
780.00	H	25.86		2.80	25.80	0.00	-6.00	48.46	264.76	916.67	-10.79
780.00	V	20.49		2.80	25.80	0.00	-6.00	43.09	142.68	916.67	-16.16
1170.00	H	24.12		3.03	28.40	0.00	-6.00	49.54	300.04	500.00	-4.44
1170.00	V	23.22		3.03	28.40	0.00	-6.00	48.64	270.51	500.00	-5.34
1560.00	H	16.99		3.18	28.12	0.00	-6.00	42.28	130.07	500.00	-11.70
1560.00	V	16.69		3.18	28.12	0.00	-6.00	41.98	125.65	500.00	-12.00
1950.00	H	15.28		3.28	31.36	0.00	-6.00	43.92	157.02	916.67	-15.33
1950.00	V	13.61	Ambient	3.28	31.36	0.00	-6.00	42.25	129.56	916.67	-17.00
2340.00	H	14.33	Ambient	3.37	32.17	0.00	-6.00	43.87	156.14	500.00	-10.11
2340.00	V	16.36		3.37	32.17	0.00	-6.00	45.90	197.25	500.00	-8.08
2730.00	H	13.26	Ambient	3.71	32.59	0.00	-6.00	43.56	150.66	500.00	-10.42
2730.00	V	14.08	Ambient	3.71	32.59	0.00	-6.00	44.38	165.58	500.00	-9.60
3120.00	H	13.69	Ambient	4.31	33.29	0.00	-6.00	45.29	183.88	916.67	-13.95
3120.00	V	15.84		4.31	33.29	0.00	-6.00	47.44	235.52	916.67	-11.80
3510.00	H	14.45	Ambient	4.76	33.20	0.00	-6.00	46.40	209.03	916.67	-12.84
3510.00	V	14.52	Ambient	4.76	33.20	0.00	-6.00	46.47	210.72	916.67	-12.77
3900.00	H	15.71	Ambient	4.78	33.51	0.00	-6.00	47.99	251.02	500.00	-5.99
3900.00	V	15.77	Ambient	4.78	33.51	0.00	-6.00	48.05	252.76	500.00	-5.93

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MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	303MHz (Fixed Long Code)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -6.44dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
303.00	H	52.97		1.79	19.19	0.00	-6.44	67.51	2373.69	5541.67	-7.36
303.00	V	53.97		1.79	19.19	0.00	-6.44	68.51	2663.33	5541.67	-6.36
606.00	H	24.21		2.46	24.76	0.00	-6.44	44.99	177.63	554.17	-9.88
606.00	V	19.28		2.46	24.76	0.00	-6.44	40.06	100.70	554.17	-14.81
909.00	H	19.98		2.89	26.42	0.00	-6.44	42.85	138.77	554.17	-12.03
909.00	V	19.04		2.89	26.42	0.00	-6.44	41.91	124.54	554.17	-12.97
1212.00	H	16.10		3.05	28.53	0.00	-6.44	41.23	115.25	500.00	-12.75
1212.00	V	15.40		3.05	28.53	0.00	-6.44	40.53	106.32	500.00	-13.45
1515.00	H	22.72		3.16	28.01	0.00	-6.44	47.45	235.86	500.00	-6.53
1515.00	V	19.43		3.16	28.01	0.00	-6.44	44.16	161.50	500.00	-9.82
1818.00	H	14.78	Ambient	3.25	30.93	0.00	-6.44	42.52	133.65	554.17	-12.35
1818.00	V	13.47	Ambient	3.25	30.93	0.00	-6.44	41.21	114.94	554.17	-13.66
2121.00	H	13.13	Ambient	3.32	31.82	0.00	-6.44	41.83	123.48	554.17	-13.04
2121.00	V	12.59	Ambient	3.32	31.82	0.00	-6.44	41.29	116.04	554.17	-13.58
2424.00	H	14.29	Ambient	3.39	32.38	0.00	-6.44	43.62	151.74	554.17	-11.25
2424.00	V	14.43	Ambient	3.39	32.38	0.00	-6.44	43.76	154.20	554.17	-11.11
2727.00	H	13.53	Ambient	3.71	32.58	0.00	-6.44	43.38	147.62	500.00	-10.60
2727.00	V	13.29	Ambient	3.71	32.58	0.00	-6.44	43.14	143.60	500.00	-10.84
3030.00	H	14.37	Ambient	4.18	33.13	0.00	-6.44	45.24	182.79	554.17	-9.63
3030.00	V	15.92		4.18	33.13	0.00	-6.44	46.79	218.50	554.17	-8.08

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	372.5MHz (Rolling Code - Keeloq Based)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -12.41dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
372.50	H	61.61		1.91	20.82	0.00	-12.41	71.93	3948.34	8437.50	-6.60
372.50	V	66.44		1.91	20.82	0.00	-12.41	76.76	6885.17	8437.50	-1.77
745.00	H	22.67		2.74	25.84	0.00	-12.41	38.84	87.51	843.75	-19.68
745.00	V	21.08		2.74	25.84	0.00	-12.41	37.25	72.87	843.75	-21.27
1117.50	H	29.79		3.00	27.97	0.00	-12.41	48.35	261.57	500.00	-5.63
1117.50	V	23.33		3.00	27.97	0.00	-12.41	41.89	124.33	500.00	-12.09
1490.00	H	23.33		3.16	28.04	0.00	-12.41	42.12	127.60	500.00	-11.86
1490.00	V	24.80		3.16	28.04	0.00	-12.41	43.59	151.13	500.00	-10.39
1862.50	H	17.96		3.26	31.11	0.00	-12.41	39.92	99.11	843.75	-18.60
1862.50	V	18.14		3.26	31.11	0.00	-12.41	40.10	101.19	843.75	-18.42
2235.00	H	17.49		3.35	31.92	0.00	-12.41	40.35	104.07	500.00	-13.63
2235.00	V	16.86		3.35	31.92	0.00	-12.41	39.72	96.79	500.00	-14.26
2607.50	H	13.54	Ambient	3.51	32.64	0.00	-12.41	37.28	73.14	843.75	-21.24
2607.50	V	14.24	Ambient	3.51	32.64	0.00	-12.41	37.98	79.28	843.75	-20.54
2980.00	H	18.92		4.10	32.98	0.00	-12.41	43.60	151.32	843.75	-14.93
2980.00	V	20.92		4.10	32.98	0.00	-12.41	45.60	190.50	843.75	-12.93
3352.50	H	14.28	Ambient	4.63	33.12	0.00	-12.41	39.62	95.75	500.00	-14.36
3352.50	V	15.56		4.63	33.12	0.00	-12.41	40.90	110.96	500.00	-13.08
3725.00	H	15.64		4.77	33.21	0.00	-12.41	41.21	114.92	500.00	-12.77
3725.00	V	15.71		4.77	33.21	0.00	-12.41	41.28	115.85	500.00	-12.70

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	310MHz (Rolling Code)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -18.42dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
310.00	H	67.82		1.80	19.33	0.00	-18.42	70.54	3363.92	5833.33	-4.78
310.00	V	69.30		1.80	19.33	0.00	-18.42	72.02	3988.83	5833.33	-3.30
620.00	H	39.30		2.49	24.87	0.00	-18.42	48.24	258.37	583.33	-7.07
620.00	V	34.99		2.49	24.87	0.00	-18.42	43.93	157.30	583.33	-11.38
930.00	H	39.30		2.90	26.87	0.00	-18.42	50.65	340.91	583.33	-4.67
930.00	V	33.45		2.90	26.87	0.00	-18.42	44.80	173.84	583.33	-10.52
1240.00	H	25.76		3.06	28.89	0.00	-18.42	39.29	92.15	500.00	-14.69
1240.00	V	22.25		3.06	28.89	0.00	-18.42	35.78	61.52	500.00	-18.20
1550.00	H	32.19		3.18	28.02	0.00	-18.42	44.97	177.25	500.00	-9.01
1550.00	V	28.01		3.18	28.02	0.00	-18.42	40.79	109.54	500.00	-13.19
1860.00	H	21.95		3.26	31.08	0.00	-18.42	37.88	78.31	583.33	-17.44
1860.00	V	20.38		3.26	31.08	0.00	-18.42	36.31	65.36	583.33	-19.01
2170.00	H	18.03		3.33	31.81	0.00	-18.42	34.76	54.68	583.33	-20.56
2170.00	V	14.94		3.33	31.81	0.00	-18.42	31.67	38.31	583.33	-23.65
2480.00	H	19.85		3.40	32.53	0.00	-18.42	37.37	73.84	583.33	-17.95
2480.00	V	21.44		3.40	32.53	0.00	-18.42	38.96	88.67	583.33	-16.36
2790.00	H	17.45		3.81	32.50	0.00	-18.42	35.35	58.54	500.00	-18.63
2790.00	V	17.83		3.81	32.50	0.00	-18.42	35.73	61.16	500.00	-18.25
3100.00	H	16.86		4.28	33.32	0.00	-18.42	36.04	63.42	583.33	-19.27
3100.00	V	20.76		4.28	33.32	0.00	-18.42	39.94	99.36	583.33	-15.37

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	315MHz (Synergy Code)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -12.13dB

RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
315.00	H	63.24		1.81	19.43	0.00	-12.13	72.35	4146.25	6041.67	-3.27
315.00	V	65.75		1.81	19.43	0.00	-12.13	74.86	5535.48	6041.67	-0.76
630.00	H	34.69		2.51	24.94	0.00	-12.13	50.02	317.00	604.17	-5.60
630.00	V	31.12		2.51	24.94	0.00	-12.13	46.45	210.16	604.17	-9.17
945.00	H	21.29		2.91	26.99	0.00	-12.13	39.06	89.79	604.17	-16.56
945.00	V	21.73		2.91	26.99	0.00	-12.13	39.50	94.46	604.17	-16.12
1260.00	H	22.99		3.07	28.95	0.00	-12.13	42.88	139.39	604.17	-12.74
1260.00	V	21.10		3.07	28.95	0.00	-12.13	40.99	112.13	604.17	-14.63
1575.00	H	26.81		3.18	28.25	0.00	-12.13	46.12	202.25	500.00	-7.86
1575.00	V	22.86		3.18	28.25	0.00	-12.13	42.17	128.35	500.00	-11.81
1890.00	H	17.57		3.27	31.43	0.00	-12.13	40.14	101.67	604.17	-15.48
1890.00	V	17.83		3.27	31.43	0.00	-12.13	40.40	104.76	604.17	-15.22
2205.00	H	14.15		3.34	31.84	0.00	-12.13	37.21	72.52	500.00	-16.77
2205.00	V	13.62	Ambient	3.34	31.84	0.00	-12.13	36.68	68.22	500.00	-17.30
2520.00	H	15.41		3.41	32.62	0.00	-12.13	39.31	92.34	604.17	-16.32
2520.00	V	16.32		3.41	32.62	0.00	-12.13	40.22	102.54	604.17	-15.41
2835.00	H	15.42		3.88	32.54	0.00	-12.13	39.71	96.77	500.00	-14.26
2835.00	V	15.28		3.88	32.54	0.00	-12.13	39.57	95.22	500.00	-14.40
3150.00	H	14.31	Ambient	4.35	33.25	0.00	-12.13	39.78	97.53	604.17	-15.84
3150.00	V	16.31		4.35	33.25	0.00	-12.13	41.78	122.78	604.17	-13.84

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 Radiated Spurious Emissions - Harmonics
MODE	Tx
FREQUENCY TESTED	433.92MHz (EX Series Code)
DATE TESTED	November 24 & 25, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Duty Cycle = -6.20dB

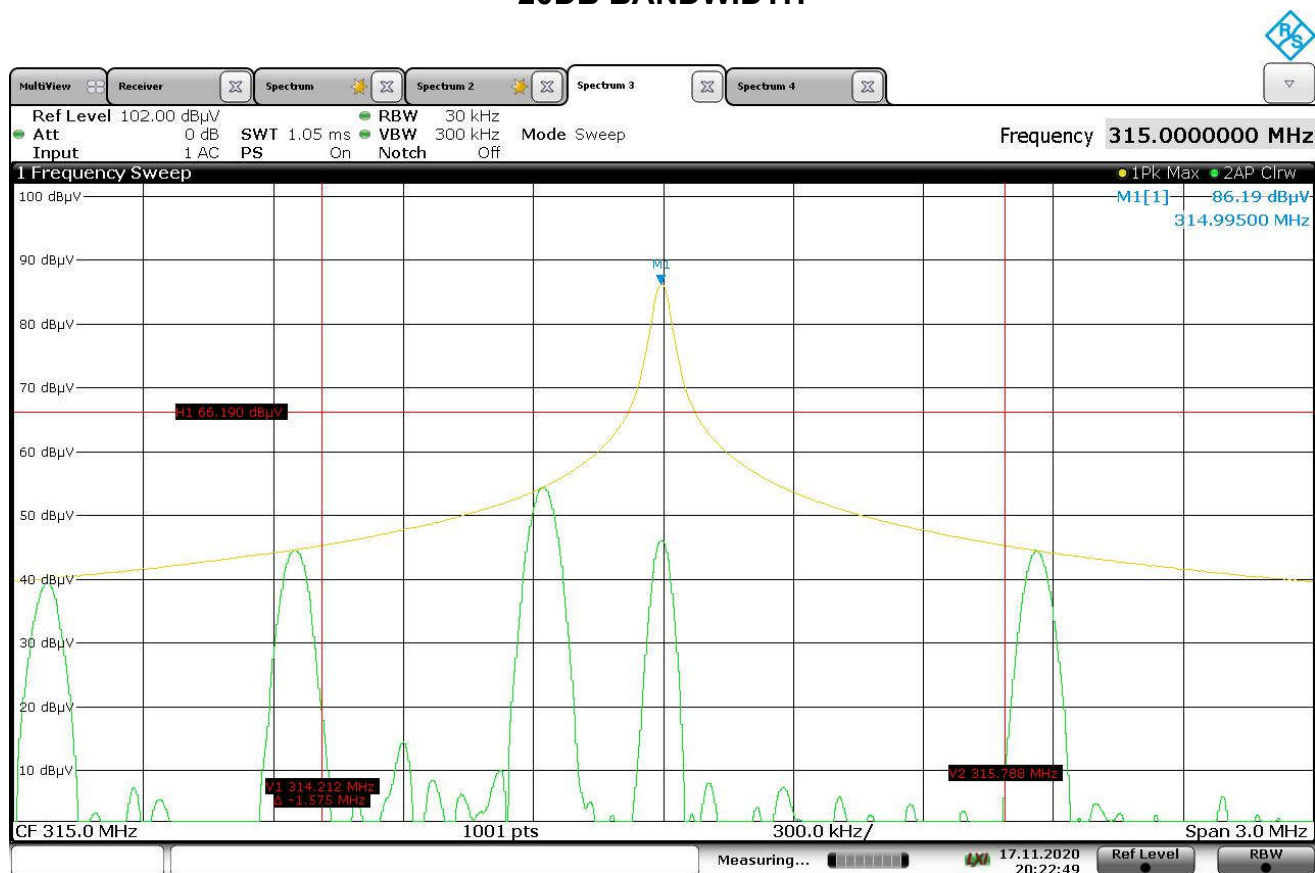
RADIATED SPURIOUS EMISSIONS

Freq. (MHz)	Ant. Pol.	Meter Reading (dBμV)	Ambient	CBL Fac. (dB)	Ant. Fac. (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total (dBμV/m)	Total (μV/m)	Limit (μV/m)	Margin (dB)
433.92	H	53.77		2.02	22.48	0.00	-6.20	72.08	4016.03	10996.67	-8.75
433.92	V	54.16		2.02	22.48	0.00	-6.20	72.47	4200.46	10996.67	-8.36
867.84	H	34.18		2.86	26.33	0.00	-6.20	57.18	722.57	1099.67	-3.65
867.84	V	29.68		2.86	26.33	0.00	-6.20	52.68	430.40	1099.67	-8.15
1301.76	H	23.99		3.09	28.72	0.00	-6.20	49.60	302.10	500.00	-4.38
1301.76	V	23.01		3.09	28.72	0.00	-6.20	48.62	269.86	500.00	-5.36
1735.68	H	20.31		3.23	29.91	0.00	-6.20	47.25	230.43	1099.67	-13.57
1735.68	V	18.94		3.23	29.91	0.00	-6.20	45.88	196.81	1099.67	-14.94
2169.60	H	13.31	Ambient	3.33	31.81	0.00	-6.20	42.26	129.65	1099.67	-18.57
2169.60	V	12.75	Ambient	3.33	31.81	0.00	-6.20	41.70	121.56	1099.67	-19.13
2603.52	H	16.04		3.50	32.63	0.00	-6.20	45.98	199.00	1099.67	-14.85
2603.52	V	15.61		3.50	32.63	0.00	-6.20	45.55	189.39	1099.67	-15.28
3037.44	H	14.55	Ambient	4.19	33.14	0.00	-6.20	45.69	192.49	1099.67	-15.14
3037.44	V	14.92	Ambient	4.19	33.14	0.00	-6.20	46.06	200.87	1099.67	-14.77
3471.36	H	14.68	Ambient	4.76	33.17	0.00	-6.20	46.41	209.16	1099.67	-14.42
3471.36	V	15.54		4.76	33.17	0.00	-6.20	47.27	230.93	1099.67	-13.56
3905.28	H	15.13	Ambient	4.78	33.51	0.00	-6.20	47.22	229.71	500.00	-6.76
3905.28	V	15.45	Ambient	4.78	33.51	0.00	-6.20	47.54	238.33	500.00	-6.44
4339.20	H	17.83	Ambient	4.79	33.88	0.00	-6.20	50.31	327.57	500.00	-3.67
4339.20	V	17.96	Ambient	4.79	33.88	0.00	-6.20	50.44	332.51	500.00	-3.54

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 20dB Bandwidth
MODE	Tx
FREQUENCY TESTED	315MHz (IntelliCode)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Vertical Lines V1 and V2 represent the 0.25% bandwidth of the center frequency of the EUT. Horizontal line H1 represents the level 20dB down from the peak of the modulated carrier. Max allowed BW = (0.25% BW = 787.5kHz)

20DB BANDWIDTH

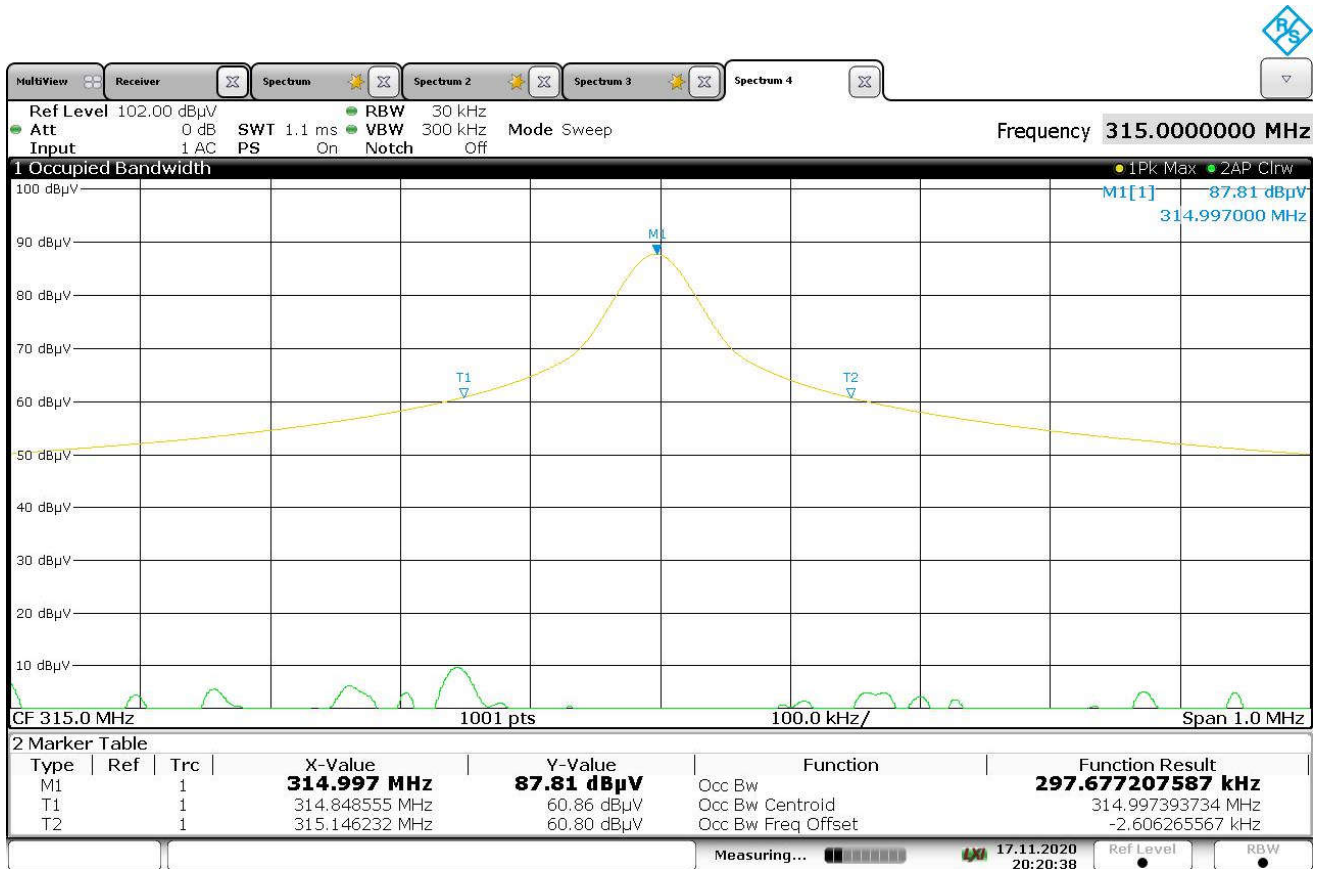


20:22:49 17.11.2020

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 99% Bandwidth
MODE	Tx
FREQUENCY TESTED	315MHz (IntelliCode)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	99% BW = 297.67kHz Max Allowed BW = (0.25% BW = 787.5kHz)

99% BANDWIDTH

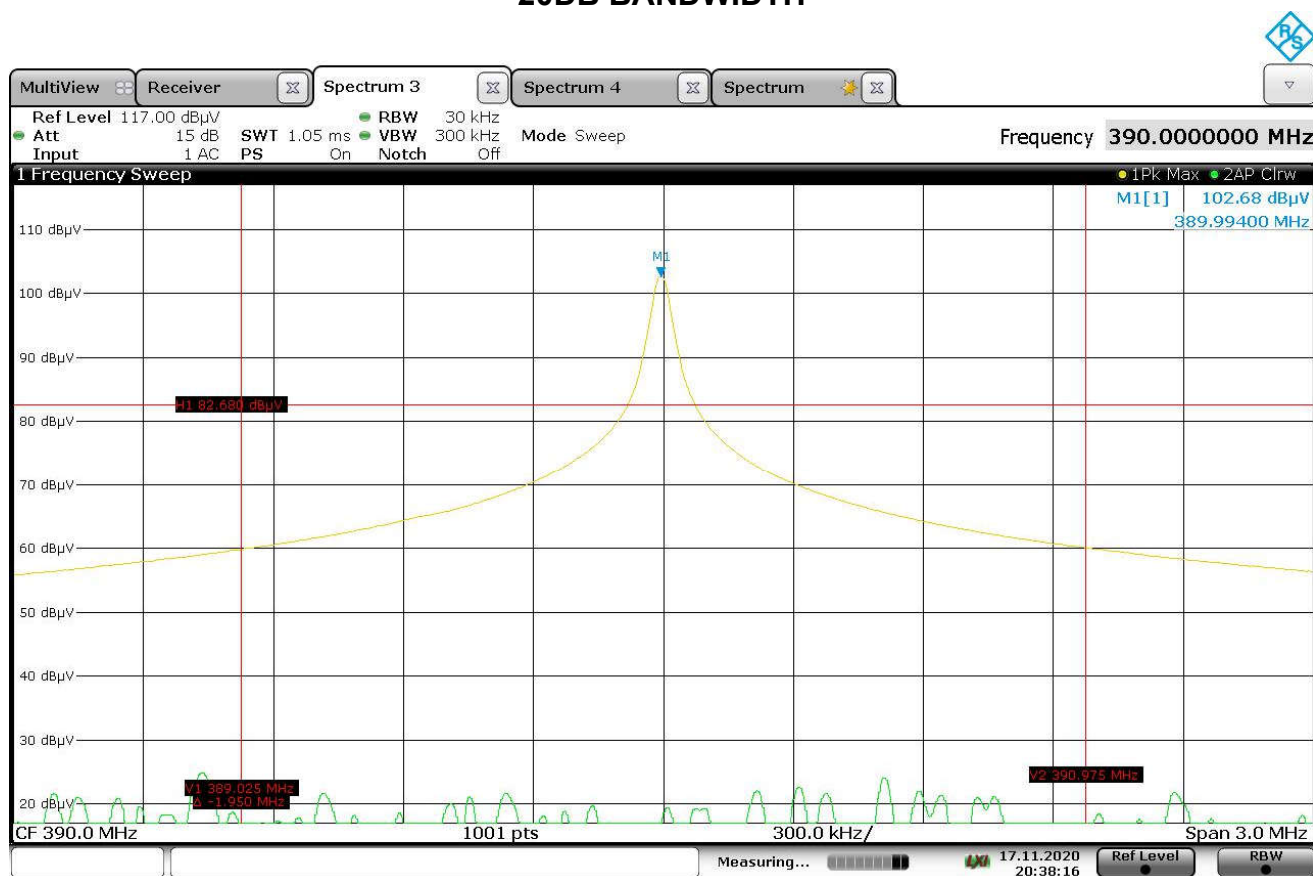


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DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 20dB Bandwidth
MODE	Tx
FREQUENCY TESTED	390MHz (IntelliCode)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Vertical Lines V1 and V2 represent the 0.25% bandwidth of the center frequency of the EUT. Horizontal line H1 represents the level 20dB down from the peak of the modulated carrier Max allowed BW = (0.25% BW = 975kHz)

20DB BANDWIDTH

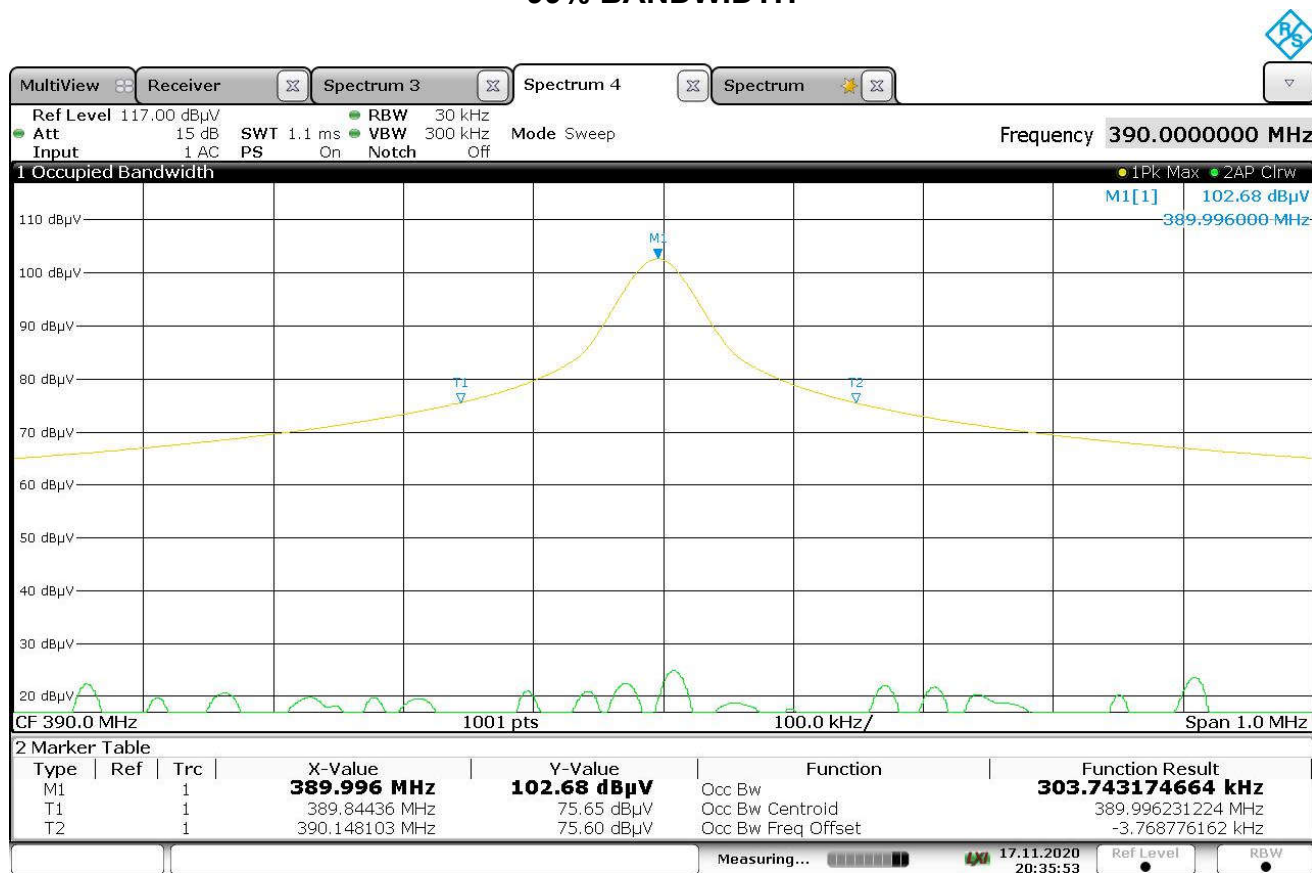


20:38:17 17.11.2020

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 99% Bandwidth
MODE	Tx
FREQUENCY TESTED	390MHz (IntelliCode)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	99% BW = 303.74kHz Max allowed BW = (0.25% BW = 975kHz)

99% BANDWIDTH

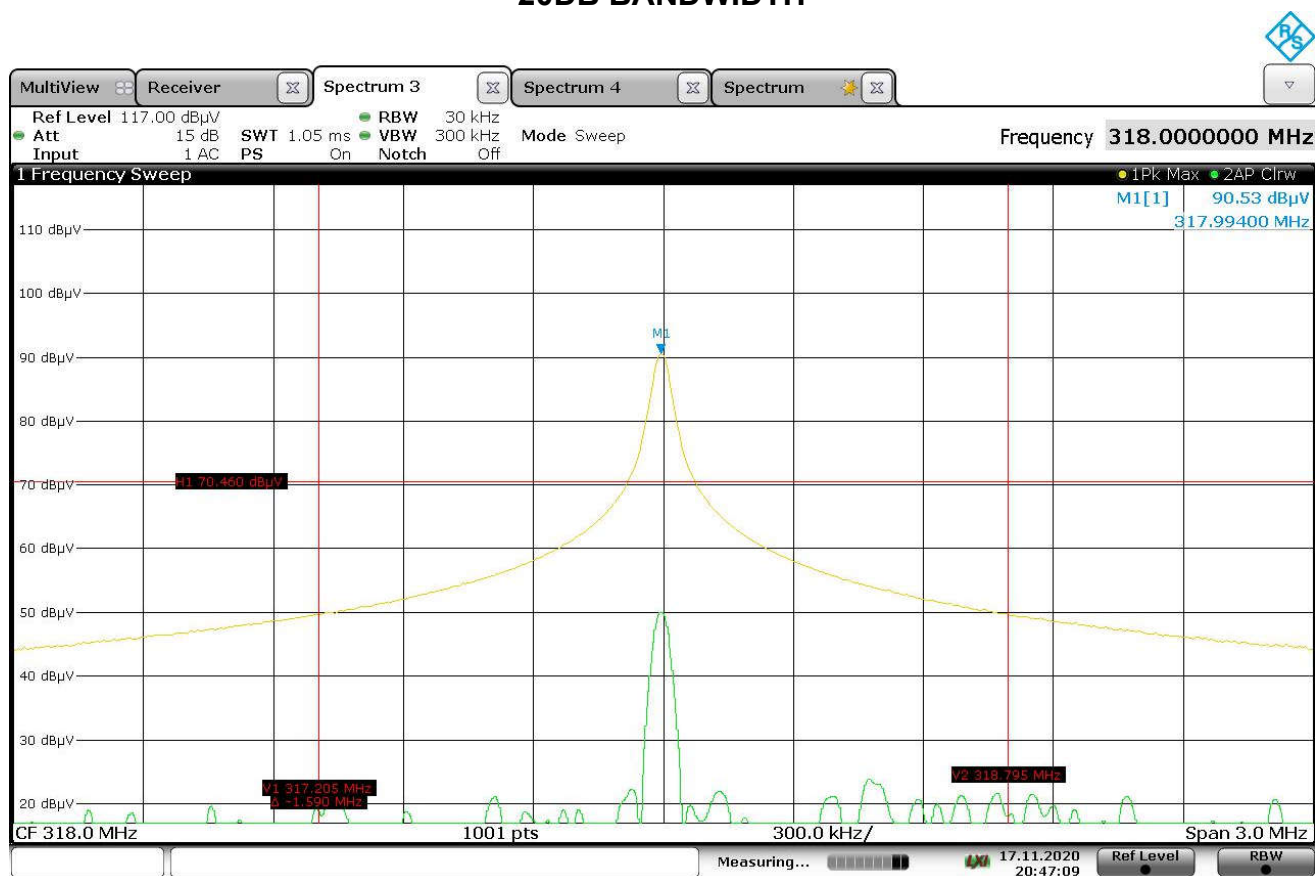


20:35:53 17.11.2020

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 20dB Bandwidth
MODE	Tx
FREQUENCY TESTED	318MHz (MegaCode)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Vertical Lines V1 and V2 represent the 0.25% bandwidth of the center frequency of the EUT. Horizontal line H1 represents the level 20dB down from the peak of the modulated carrier Max allowed BW = (0.25% BW = 795kHz)

20DB BANDWIDTH

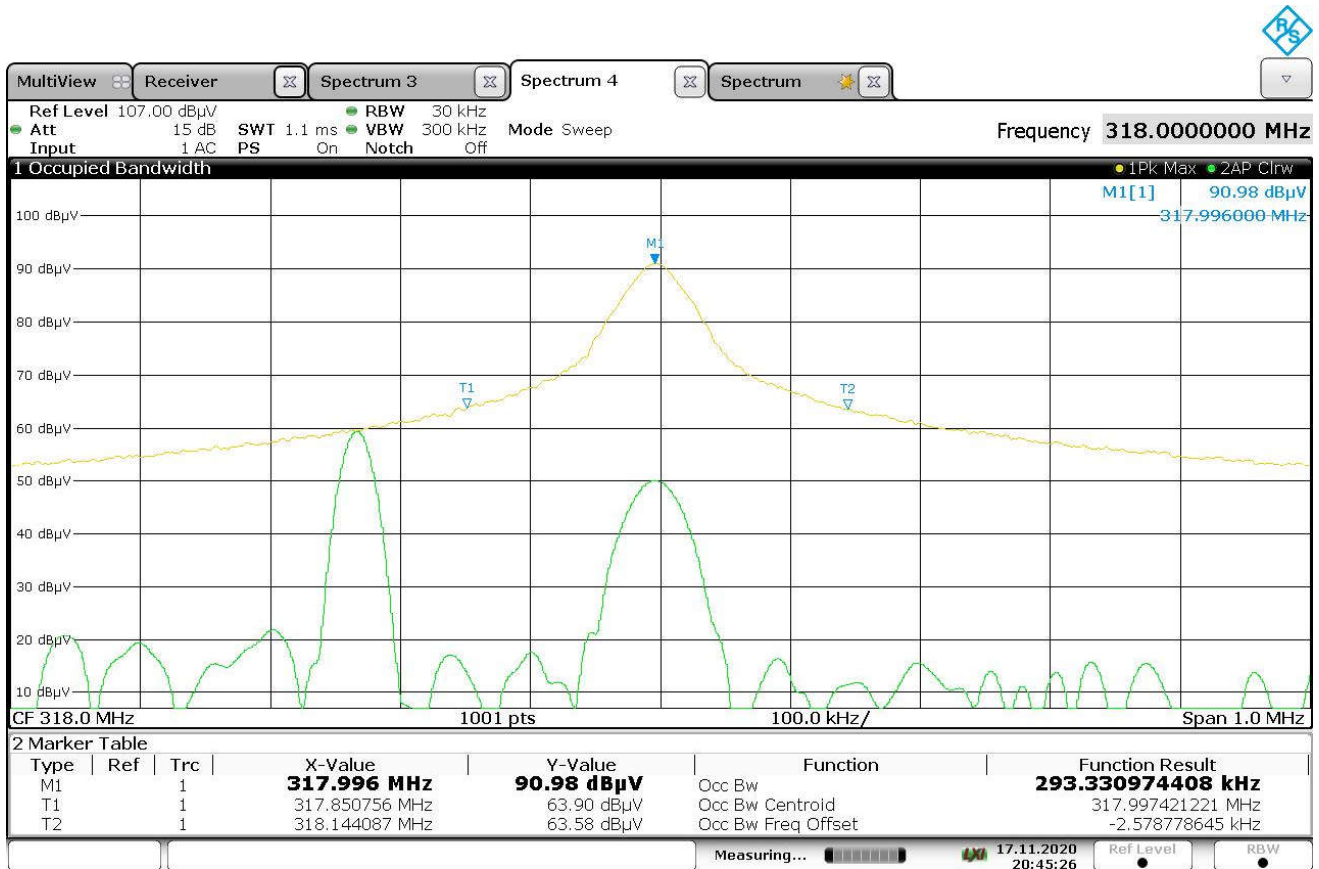


20:47:10 17.11.2020

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 99% Bandwidth
MODE	Tx
FREQUENCY TESTED	318MHz (MegaCode)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	99% BW = 293.33kHz Max Allowed BW = (0.25% BW = 795kHz)

99% BANDWIDTH

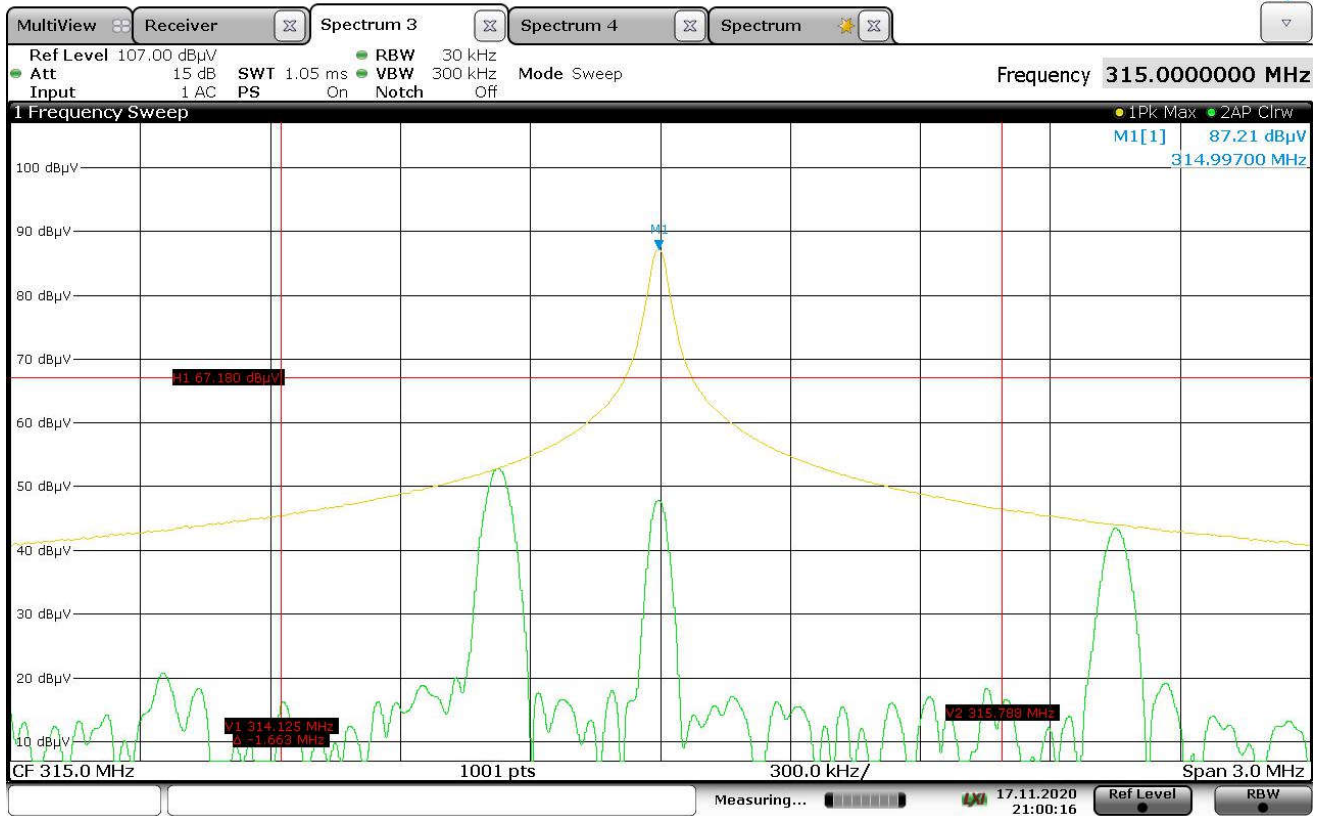


20:45:27 17.11.2020

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 20dB Bandwidth
MODE	Tx
FREQUENCY TESTED	315MHz (D Code)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Vertical Lines V1 and V2 represent the 0.25% bandwidth of the center frequency of the EUT. Horizontal line H1 represents the level 20dB down from the peak of the modulated carrier Max allowed BW = (0.25% BW = 787.5kHz)

20DB BANDWIDTH

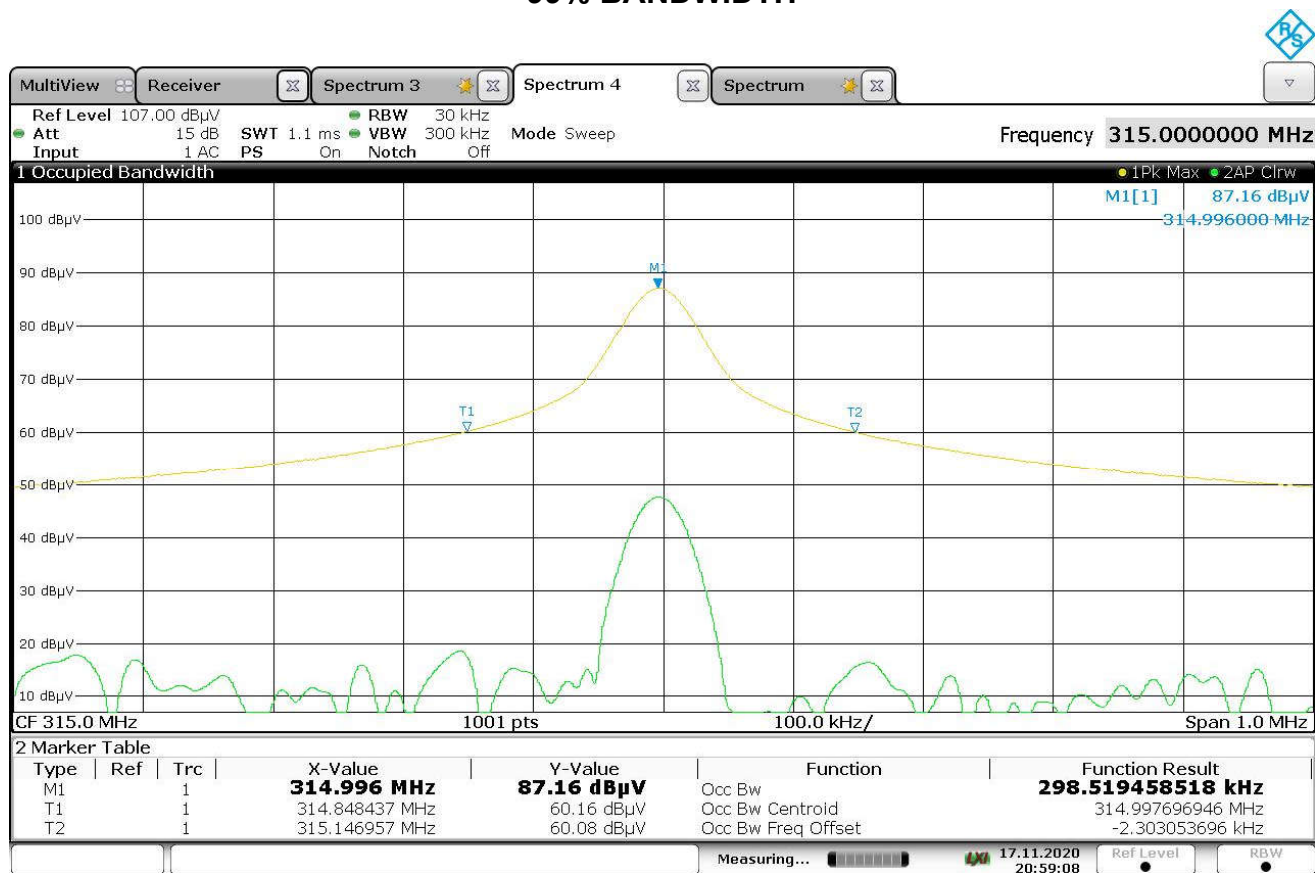


21:00:16 17.11.2020

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 99% Bandwidth
MODE	Tx
FREQUENCY TESTED	315MHz (D Code)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	99% BW = 298.51kHz Max Allowed BW = (0.25% BW = 787.5kHz)

99% BANDWIDTH

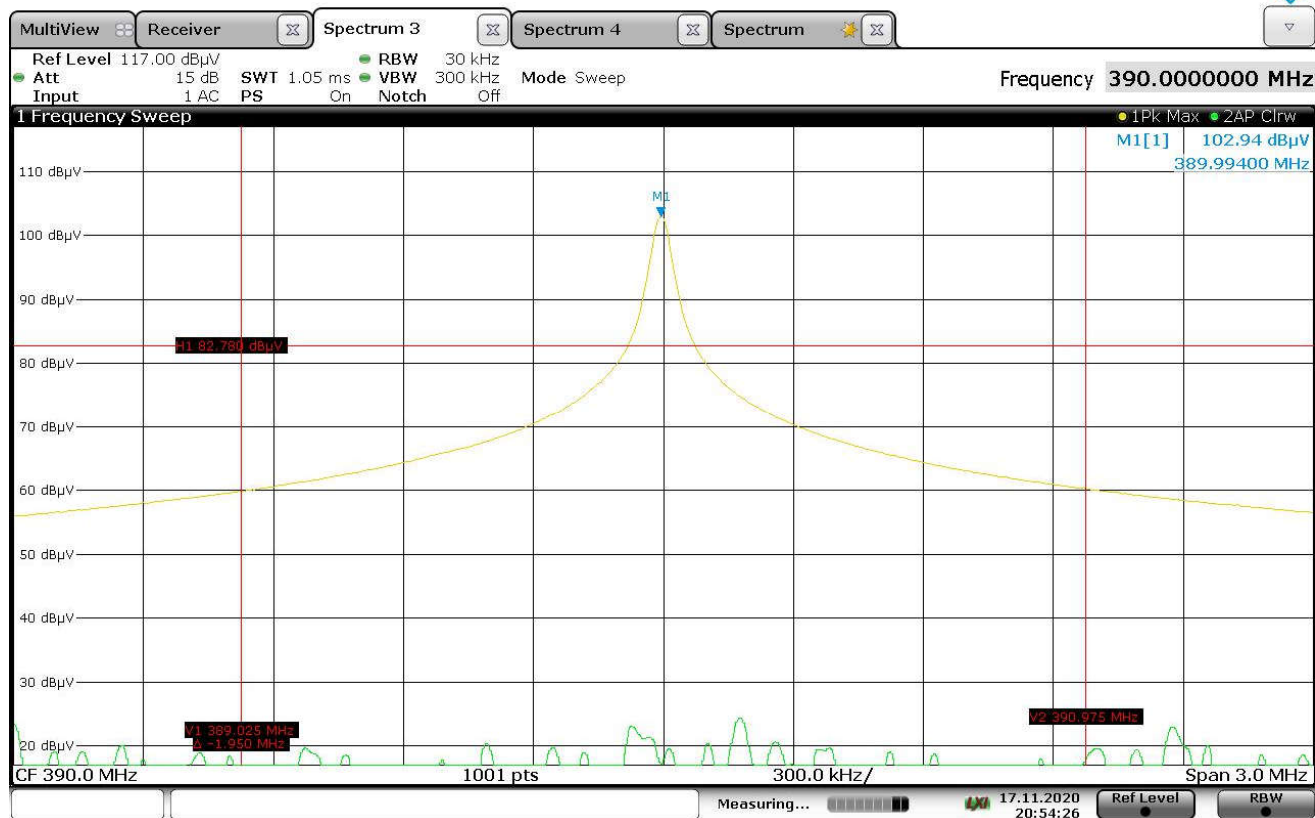


20:59:09 17.11.2020

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 20dB Bandwidth
MODE	Tx
FREQUENCY TESTED	390MHz (D Code)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	Vertical Lines V1 and V2 represent the 0.25% bandwidth of the center frequency of the EUT. Horizontal line H1 represents the level 20dB down from the peak of the modulated carrier Max allowed BW = (0.25% BW = 975kHz)

20DB BANDWIDTH

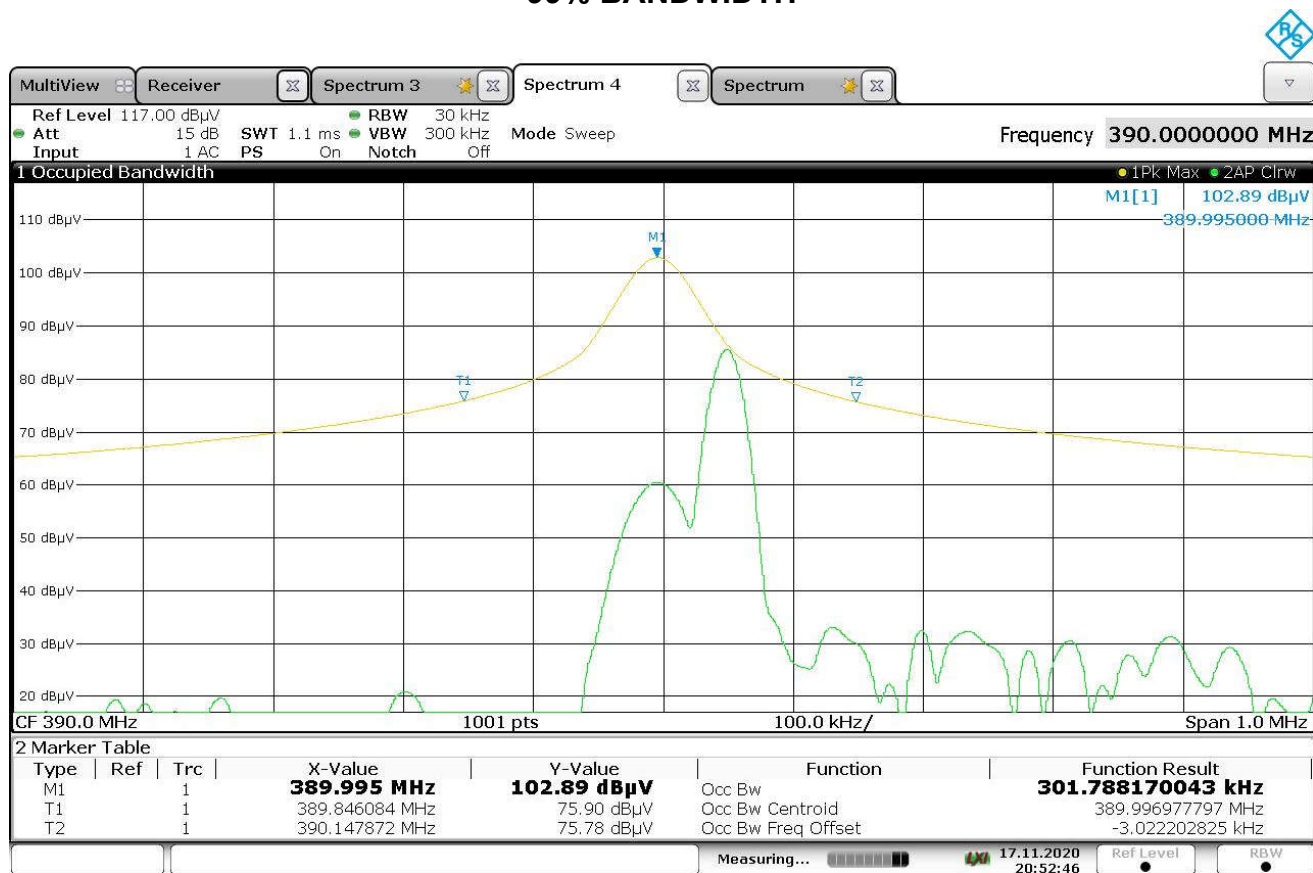


20:54:27 17.11.2020

DATA PAGE

MANUFACTURER	The Chamberlain Group, Inc.
EUT	Automotive Transceiver for Garage Door Control
MODEL NO.	CMRAA0101E3 (ARQ2-UGDO)
TEST	FCC §15.231, RSS-210 99% Bandwidth
MODE	Tx
FREQUENCY TESTED	390MHz (D Code)
DATE TESTED	November 17, 2020
TEST PERFORMED BY	Tylar Jozefczyk
NOTES	99% BW = 301.78kHz Max allowed BW = (0.25% BW = 975kHz)

99% BANDWIDTH



20:52:46 17.11.2020