



UltraTech
Engineering Labs Inc.

POWER-LINE CONDUCTED EMISSIONS MEASUREMENTS

APPLICANT: POIHEMIUS
PRODUCT: STARTRAK
MODEL: _____

EMI Detector: Peak Quasi Peak Average Temp.: 21 °C, Humidity: 43 %
Line Tested: 1, Input Voltage: 120VAC, Tested by: JIT, Test Date: 02/01/04
Comments: FCC 15A
STAR DRIVE

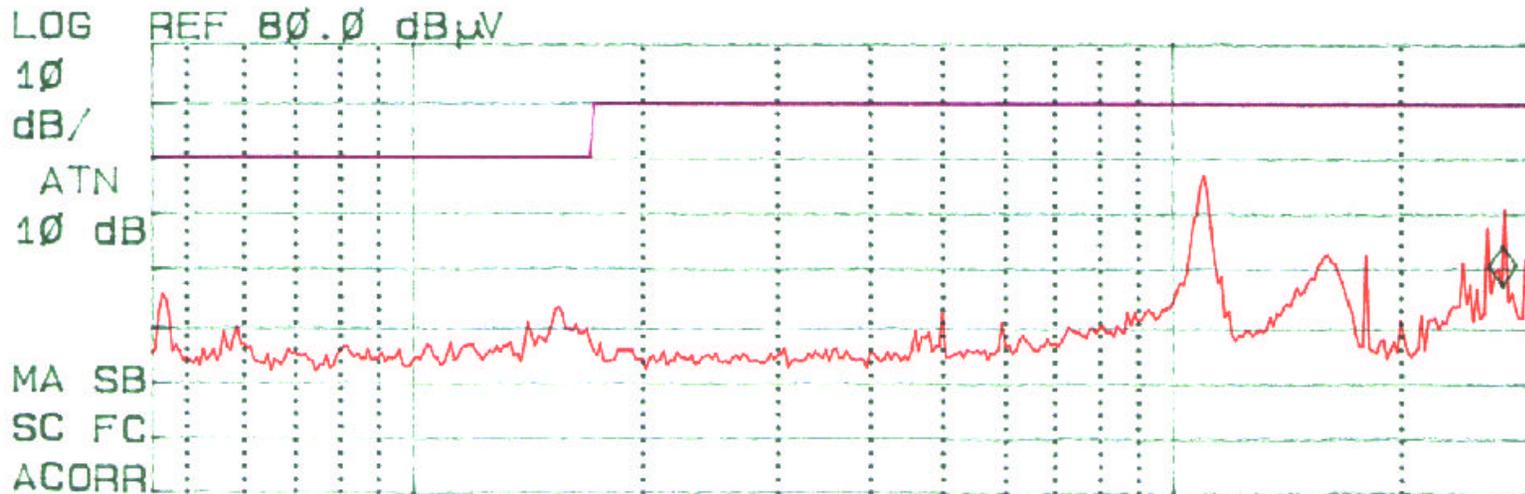
hp

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QP Δ L
1	11.009474	58.6	53.8	47.7	-15.7
2	15.999974	48.0	43.5	35.6	-26.0
3	26.999325	53.5	51.8	39.9	-17.7

No user
Menu

STOP
30.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 26.88 MHz
37.05 dBμV



START 450 kHz STOP 30.00 MHz
IF BW 9.0 kHz AVG BW 30 kHz SWP 1.33 sec



UltraTech
Engineering Labs Inc.

POWER-LINE CONDUCTED EMISSIONS MEASUREMENTS

APPLICANT: DOMINUS
PRODUCT: STARTRAK
MODEL: _____

EMI Detector: Peak Quasi Peak Average Temp.: 21 °C, Humidity: 43 %
Line Tested: R1 Input Voltage: 120VAC Tested by: HT Test Date: 02 NOV 99
Comments: FCG 15A
STAR DRIVE

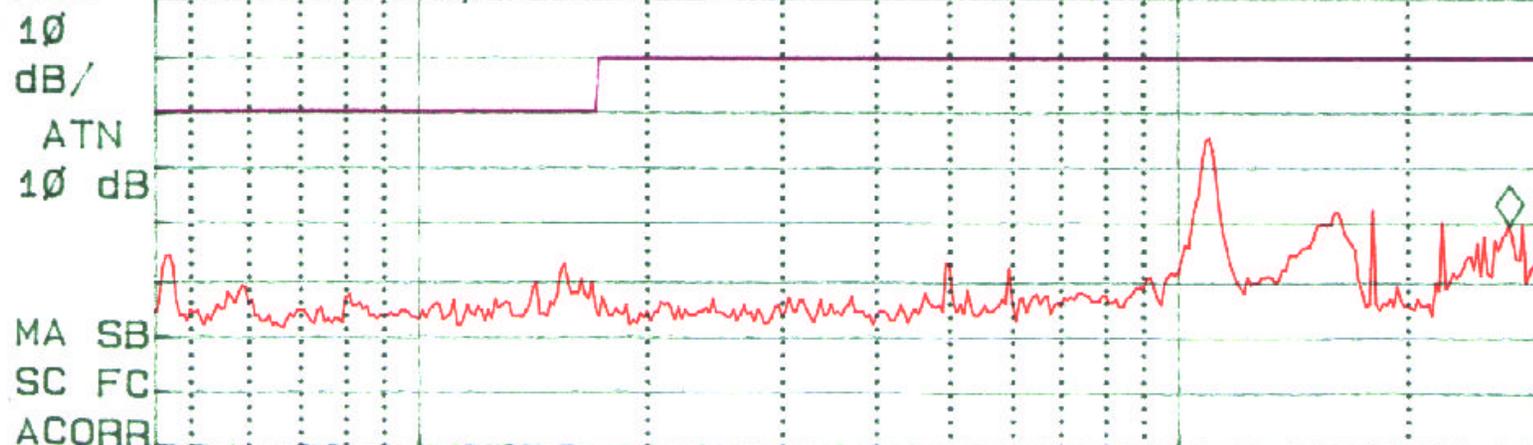
Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QPΔL
1	11.009475	60.0	55.1	48.0	-14.4
2	15.999975	47.0	43.6	35.2	-25.9
3	26.999325	54.3	52.3	40.7	-17.2

No user
Menu

STOP
30.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 26.88 MHz
39.62 dBμV

LOG REF 80.0 dBμV



START 450 kHz

STOP 30.00 MHz

IF BW 9.0 kHz

AVG BW 30 kHz

SWP 1.33 sec



UltraTech
Engineering Labs Inc.

POWER-LINE CONDUCTED EMISSIONS MEASUREMENTS

APPLICANT: POLHEMUS
PRODUCT: STARTRAK
MODEL: _____

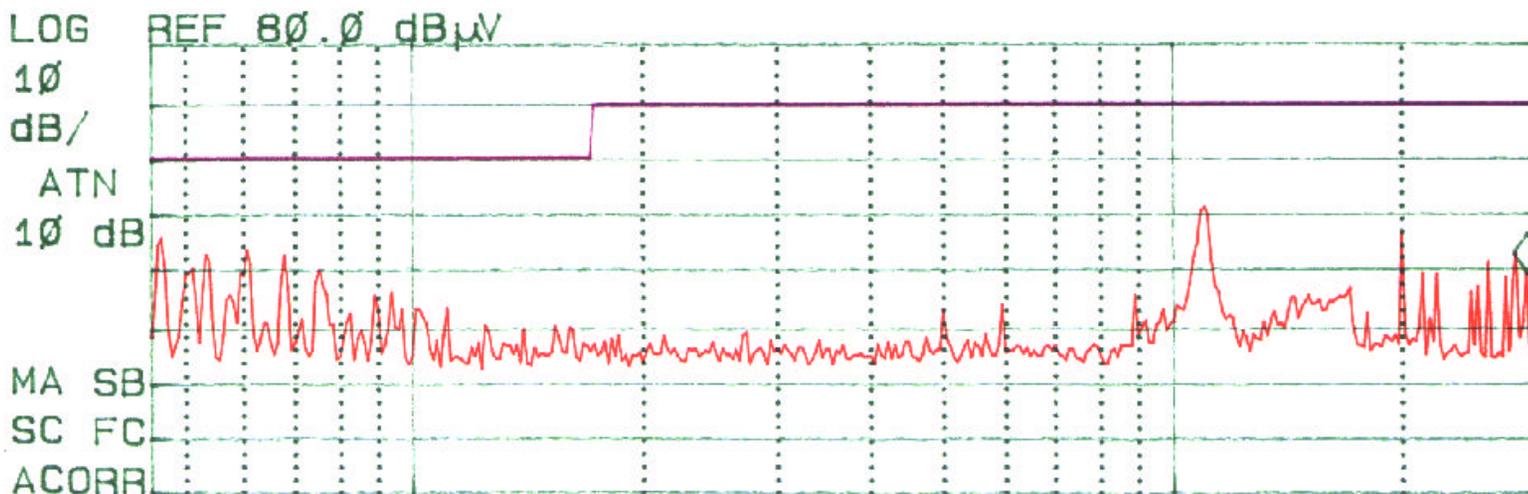
EMI Detector: Peak Quasi Peak Average Temp.: 21 °C, Humidity: 43 %
Line Tested: 1, Input Voltage: 120VAC Tested by: HT Test Date: 08/07/99
Comments: FCC 15 A
STAR SERVER

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QPΔ1
1	0.468750	47.0	45.5	44.8	-14.4
2	9.000950	37.2	35.2	26.8	-34.3
3	11.021700	53.6	49.3	42.0	-20.2
4	29.000700	46.2	44.9	34.6	-24.6

No user
Menu

STOP
30.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 29.07 MHz
39.14 dBμV



START 450 kHz STOP 30.00 MHz
IF BW 9.0 kHz AVG BW 30 kHz SWP 1.33 sec



UltraTech
Engineering Labs Inc.

POWER-LINE CONDUCTED EMISSIONS MEASUREMENTS

APPLICANT: POLHEMUS
PRODUCT: STARTRAK
MODEL: _____

EMI Detector: Peak Quasi Peak Average Temp.: 21 °C, Humidity: 43 %
Line Tested: 21 Input Voltage: 120VAC Tested by: HT Test Date: 09 APR 99
Comments: FCG 15A
STAR SERVER

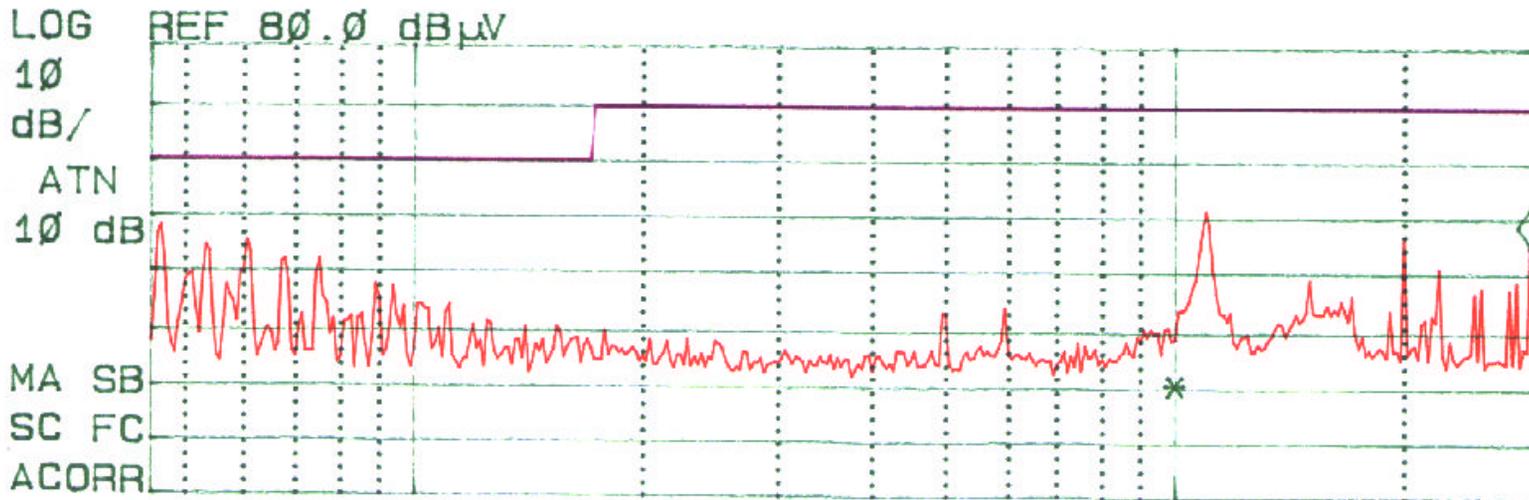
hp

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QPΔ.1
1	0.468749	48.2	47.3	46.8	-12.7
2	9.000949	36.0	33.7	23.3	-35.8
3	11.021699	53.2	48.2	41.6	-21.3
4	29.000700	45.7	44.4	32.4	-25.1

No user
Menu

STOP
30.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 29.07 MHz
44.83 dBμV



START 450 kHz IF BW 9.0 kHz AVG BW 30 kHz STOP 30.00 MHz SWP 1.33 sec



UltraTech
Engineering Labs Inc.

POWER-LINE CONDUCTED EMISSIONS MEASUREMENTS

APPLICANT: POWHEMUS
PRODUCT: STARTRAK
MODEL: _____

EMI Detector: Peak Quasi Peak Average Temp.: 21 °C, Humidity: 43 %
Line Tested: 1, Input Voltage: 120VAC, Tested by: HT, Test Date: 08/01/99
Comments: FCC 15 A
MONITOR

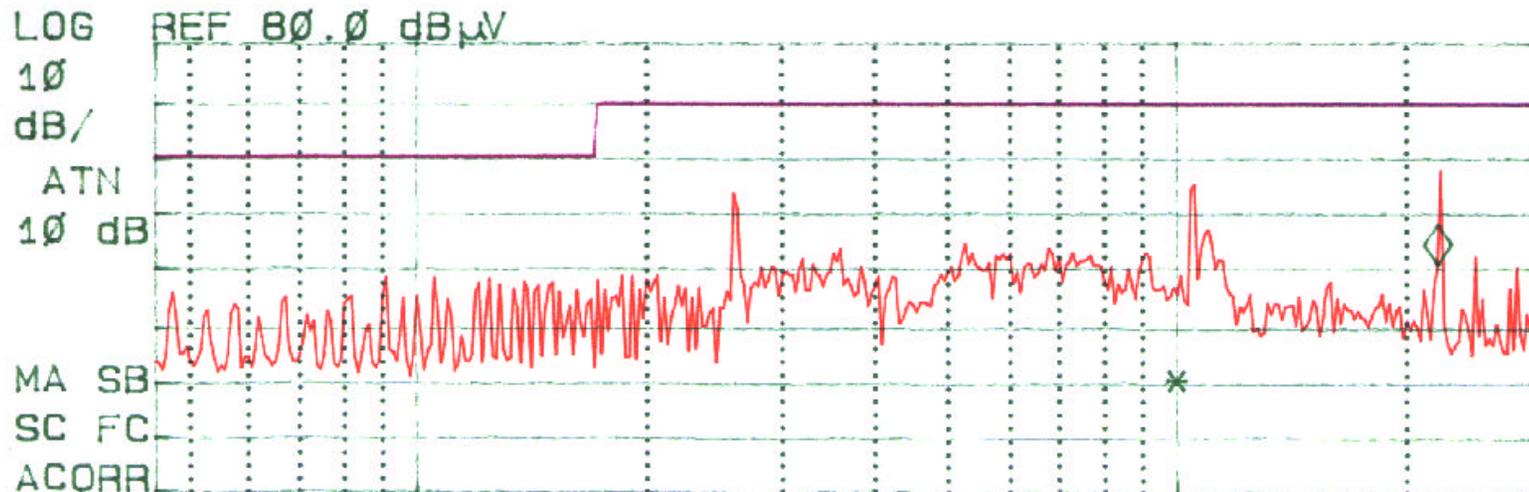
170

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QPΔ1
1	0.916213	37.4	35.3	34.7	-24.7
2	2.627770	53.5	52.2	47.3	-17.4
3	6.653423	43.8	42.1	39.7	-27.4
4	10.992999	50.7	46.1	40.0	-23.4
5	21.999975	58.1	57.7	44.8	-11.9

No user
Menu

STOP
30.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 21.88 MHz
40.71 dBμV



START 450 kHz STOP 30.00 MHz
IF BW 9.0 kHz AVG BW 30 kHz SWP 1.33 sec



UltraTech
Engineering Labs Inc.

POWER-LINE CONDUCTED EMISSIONS MEASUREMENTS

APPLICANT: FULLHEMUS
PRODUCT: STARTRAK
MODEL: _____

EMI Detector: Peak Quasi Peak Average Temp.: 21 °C, Humidity: 43 %
Line Tested: 2, Input Voltage: 120VAC Tested by: JHT Test Date: 02 NOV 99
Comments: FCC IS A
W. DAVIES

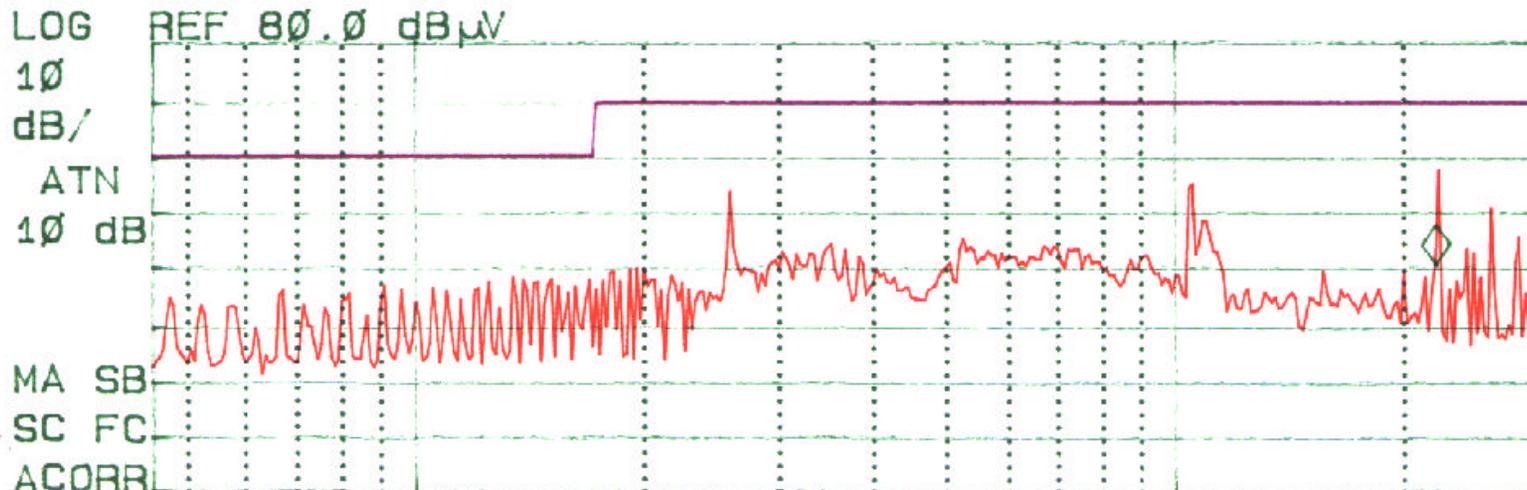
hp

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QPΔ1
1	0.916200	38.9	36.8	35.3	-23.2
2	2.627775	51.9	52.0	49.0	-17.5
3	6.653425	44.4	43.1	40.4	-26.4
4	10.993000	51.4	46.8	40.5	-22.6
5	21.999975	58.2	57.8	47.5	-11.6

No user
Menu

STOP
30.00 MHz

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 21.88 MHz
40.53 dBμV



START 450 KHz STOP 30.00 MHz
IF BW 9.0 KHz AVG BW 30 KHz SWP 1.33 sec