

ANNEX 1 - PLOTS OF MEASUREMENTS - AC POWERLINE CONDUCTED EMISSIONS

AN-50 SYSTEM (5.735-5.815 GHz), Model AN50S

PHOTO # 181

FCC ID: QC8-AN50S

 UltraTech Group of Labs		AC POWER LINE CONDUCTED EMISSIONS MEASUREMENT PLOT			
Applicant: <u>REDLINE COMMUNICATIONS</u>	Detector: ☒ PEAK	☐ QUASI-PEAK	☐ AVERAGE	Temp:	Humidity:
Product: <u>AN-50</u>	Line Tester: <u>6</u>	Line Voltage: <u>230VAC</u>	Test Tech: <u>Phuong</u>	Test Date: <u>OCT 07/02</u>	
Model:	Standard: <u>CISPR B</u>	Comments:			

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QP Δ1
<u>1</u>	0.182410	62.9	57.8	38.1	-6.6
2	0.271955	59.8	50.0	33.6	-11.1
3	8.333860	35.5	33.8	31.7	-26.2

No user Menu

Plot #1

SIGNAL NUMBER

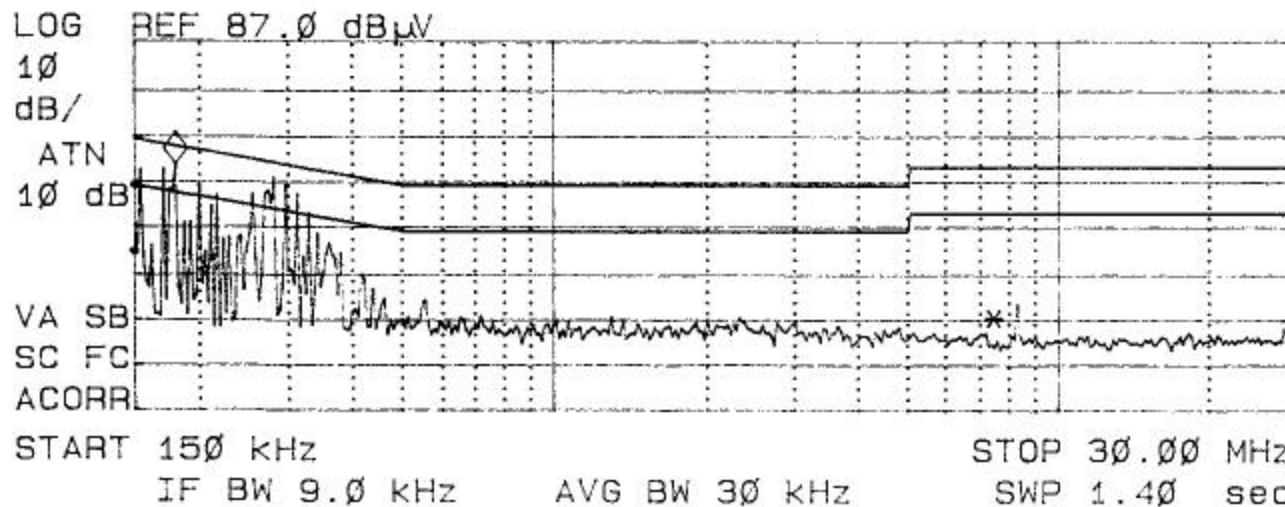
1

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 180 kHz

60.46 dBμV



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Applic: <i>REDLINE COMMUNICATION</i>	Detector: <i>Y PEAK</i>	<i>Y</i> QUASI-PEAK	<i>M</i> AVERAGE	Temp	Humidity: 49%
Product: <i>AN-50</i>	Line Tested: <i>II</i>	Line Voltage: <i>120 VAC</i>	Test Tech: <i>PHONG</i>	Test Date: <i>OCT 07/02</i>	
Model:	Standard: <i>CISPR 8</i>	Comments:			

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	AV ΔL2
1	0.150025	63.5	55.9	33.6	-22.4
2	0.249485	57.6	49.9	26.6	-25.2
3	8.333935	38.4	37.1	35.8	-14.2

No user
Menu

Plot # 2

SIGNAL NUMBER

1

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 150 KHz

61.72 dBμV

