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JUN 25 2004
FCC - MAILROOM

Federal Communication Technology
Office of Engineering and Technolog
Attn: Anh Wride
Room 7-A825 Portals II
445 12th Street SW
Washington, DC 20024
Dated June 17, 2004

ORIGINAL

ORIGINAL

04-37

Dear Sirs:

I have seen the Broadband Power Lines Transmission System (BPL) create a condition where parts of the Amateur Radio Bands Frequencies are totally unusable. This is wrong. It is creating direct interference with frequencies that have been use by amateur radio operators for over 50 years. It is directly interfering with any emergency operation that may take place on these bands. This can effect Police and Fire Departments communication from harmonics created by being too close to the power lines.

The attached data which I personally wittiness as it was taken. This BPL operation on the power is wrong and should be stop. The power lines were designed for electric power and not for some system to radiated RF signals that will interfere with other frequencies that are being used. The Federal Communication Commission should put a stop to this type of operation. How can any one approve this type of operation without knowing what damage it causes.

Sincerely,

Clinton Pierce W7SRC
PMB 445
11881 S Fortuna Rd
Yuma, AZ 85367

No. of Copies rec'd 0
List ABCDE

Report of Harmful Interference From a Broadband Over Power Line Trial or Deployment

Name of complainant: Clinton L Pierce

Call sign (if applicable): WTSRC

Station location: See DATA Sheets

Mailing address (if different): PMB 445 11881 S Fortuna Rd

City, State, Zip: Yuma, AZ 85367

Telephone: 602-448-3265 Email: BOOTSIE1@Directway.Com

Description of Interference: Power Line Interference on many Ham Radio Bands

Description of Description of your station

Receiver(s) affected: KENWOOD TS-450S YAESU FT 897

Antenna type: WEBSTER BANDSPANNER

Antenna location: ON Top of CAR AT LOCATIONS ON DATA Sheets

Distance of antenna from own house (feet):

Distance of antenna from neighboring houses (feet):

Distance of antenna from power distribution line or equipment (feet): AMERICAN HERITAGE ≈ 200 ft Sawmill ≈ 2700 ft

Log of interference:

Date	Time	Frequency	Receive Mode	Interfering signal strength	Description
SEE	DATA	Sheets			

DATE: JUNE 17, 2004

DATA LOCATION: COTTONWOOD, ARIZONA AIRPORT N34.735 DEG W112.039 DEG

SYSTEM MANUFACURE HF UNIT	FREQUENCY	SIGNAL STRENGTH	OPERATION MODE
	10 METER BAND		
KENWOOD	28.500 MHZ	S4	USB
YAESU	28.500 MHZ	<S1	USB
YAESU	28.500 MHZ	<S1	FM
KENWOOD	28.500 MHZ	S5	FM
	12 METER BAND		
KENWOOD	24.900 MHZ	S2	USB
KENWOOD	24.900 MHZ	S3	FM
YAESU	24.900 MHZ	<S1	USB
YAESU	24.900 MHZ	<S1	FM
	15 METER BAND		
KENWOOD	21.305 MHZ	S1	USB
KENWOOD	21.305 MHZ	0S	FM
YAESU	21.305 MHZ	0S	USB
YAESU	21.305 MHZ	0S	FM
	17 METER BAND		
YAESU	18.130 MHZ	0S	USB
YAESU	18.130 MHZ	OS	FM
KENWOOD	18.130 MHZ	S1	USB
KENWOOD	18.130 MHZ	S2	FM
	20 METER BAND		
KENWOOD	14.240 MHZ	S6	USB
KENWOOD	14.240 MHZ	S9	FM
YAESU	14.240 MHZ	S4	USB
YAESU	14.240 MHZ	S1-S2	FM
	40 METER BAND		
KENWOOD	7.260 MHZ	S1	LSB
KENWOOD	7.260 MHZ	S2	FM
YAESU	7.260 MHZ	S2	LSB
YAESU	7.260 MHZ	S2	FM

80 METER BAND

YAESU	3.980 MHZ	S2	LSB
YAESU	3.980 MHZ	S3	FM
KENWOOD	3.980 MHZ	S7	LSB
KENWOOD	3.980 MHZ	S9	FM

LSB (LOWER SIDE BAND)
USM (UPPER SIDE BAND)
FM (FREQENCY MODUALTION)

KENWOOD UNIT TS-450S MODEL
YAESU UNIT FT-897 MODEL

DATE: JUNE 17, 2004

DATA LOCATION: AMERCIAN HERITAGE,ARIZONA

N34.73272 DEG W112.00520 DEG DISTANCE FROM RADIATION SOURCE 200 FEET

SYSTEM MANUFACURE HF UNIT	FREQUENCY	SIGNAL STRENGTH	OPERATION MODE
	10 METER BAND		
KENWOOD	28.500 MHZ	20 DB OVER S9	USB
YAESU	28.500 MHZ	70-=80 DB OVER S9	USB
YAESU	28.500 MHZ	METER PEGGED	FM
KENWOOD	28.500 MHZ	60 DB OVER S9	FM
	12 METER BAND		
KENWOOD	24.900 MHZ	S3	USB
KENWOOD	24.900 MHZ	S3	FM
YAESU	24.900 MHZ	0	USB
YAESU	24.900 MHZ	0	FM
YAESU	24.900 MHZ	0	PACKET
	15 METER BAND		
KENWOOD	21.305 MHZ	59 DB OVER S9	USB
KENWOOD	21.305 MHZ	60 OVER S9	FM
YAESU	21.305 MHZ	65 DB OVER S9	USB
YAESU	21.305 MHZ	95 DB OVER S9	FM
YAESU	21.305 MHZ	95 DB OVER S9	PACKET
	17 METER BAND		
YAESU	18.130 MHZ	0	USB
YAESU	18.130 MHZ	O	FM
KENWOOD	18.130 MHZ	S5	USB
KENWOOD	18.130 MHZ	S3	FM
YAESU	18.130 MHZ	0	PACKET
	20 METER BAND		
KENWOOD	14.240 MHZ	30 DB OVER S9	USB
KENWOOD	14.240 MHZ	60 DB OVER S9	FM
YAESU	14.240 MHZ	85 DB OVER S9	USB
YAESU	14.240 MHZ	METER PEGGED	FM

40 METER BAND

KENWOOD	7.260 MHZ	10 DB OVER S9	LSB
KENWOOD	7.260 MHZ	60 DB OVER S9	FM
YAESU	7.260 MHZ	58 DB OVER S9	LSB
YAESU	7.260 MHZ	82 DB OVER S9	FM
YAESU	7.260 MHZ	82 DB OVER S9	PACKET

80 METER BAND

YAESU	3.980 MHZ	55 DB OVER S9	LSB
YAESU	3.980 MHZ	65 DB OVER S9	FM
KENWOOD	3.980 MHZ	10 DB OVER S9	LSB
KENWOOD	3.980 MHZ	60 DB OVER S9	FM

LSB (LOWER SIDE BAND)
USM (UPPER SIDE BAND)
FM (FREQENCY MODUALTION)
PACKET (PACKET RADIO)

KENWOOD UNIT TS-450S MODEL
YAESU UNIT FT-897 MODEL

DATE: JUNE 17, 2004

DATA LOCATION: SAWMILL,ARIZONA

N34.72843 DEG W112.00575 DEG APPROXIMATELY 2600 FEET MILE FROM BPL SITE

SYSTEM MANUFACURE HF UNIT	FREQUENCY	SIGNAL STRENGTH	OPERATION MODE
	10 METER BAND		
KENWOOD	28.500 MHZ	S4	USB
YAESU	28.500 MHZ	40 DB OVER S9	USB
YAESU	28.500 MHZ	40 DB OVER S9	FM
KENWOOD	28.500 MHZ	S9	FM
YEASU	28.500 MHZ	40 OVER S9	PACKET
	12 METER BAND		
KENWOOD	24.900 MHZ	S1	USB
KENWOOD	24.900 MHZ	S1	FM
YAESU	24.900 MHZ	0	USB
YAESU	24.900 MHZ	0	FM
	15 METER BAND		
KENWOOD	21.305 MHZ	S2	USB
KENWOOD	21.305 MHZ	S5	FM
YAESU	21.305 MHZ	0	USB
YAESU	21.305 MHZ	0	FM
	17 METER BAND		
YAESU	18.130 MHZ	0	USB
YAESU	18.130 MHZ	O	FM
KENWOOD	18.130 MHZ	S1	USB
KENWOOD	18.130 MHZ	S3	FM
	20 METER BAND		
KENWOOD	14.240 MHZ	S7	USB
KENWOOD	14.240 MHZ	60 DB OVER S9	FM
YAESU	14.240 MHZ	50 DB OVER S9	USB
YAESU	14.240 MHZ	65 OVER S9	FM

40 METER BAND

KENWOOD	7.250 MHZ	40-50 DB OVER S9	LSB
KENWOOD	7.250 MHZ	40 DB OVER S9	FM
YAESU	7.250 MHZ	S7	LSB
YAESU	7.250 MHZ	20 DB OVER S9	FM

80 METER BAND

YAESU	3.980 MHZ	70 DB OVER S9	LSB
YAESU	3.980 MHZ	METER PEGGED	FM
KENWOOD	3.980 MHZ	10 DB OVER S9	LSB
KENWOOD	3.980 MHZ	METER PEGGED	FM
YAESU	3.980 MHZ	METER PEGGED	PACKET

LSB (LOWER SIDE BAND)
USM (UPPER SIDE BAND)
FM (FREQENCY MODUALTION)
PACKET (PACKET RADIO)

KENWOOD UNIT TS-450S MODEL
YAESU UNIT FT-897 MODEL