

ANNEX 1 - PLOTS OF MEASUREMENTS
TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

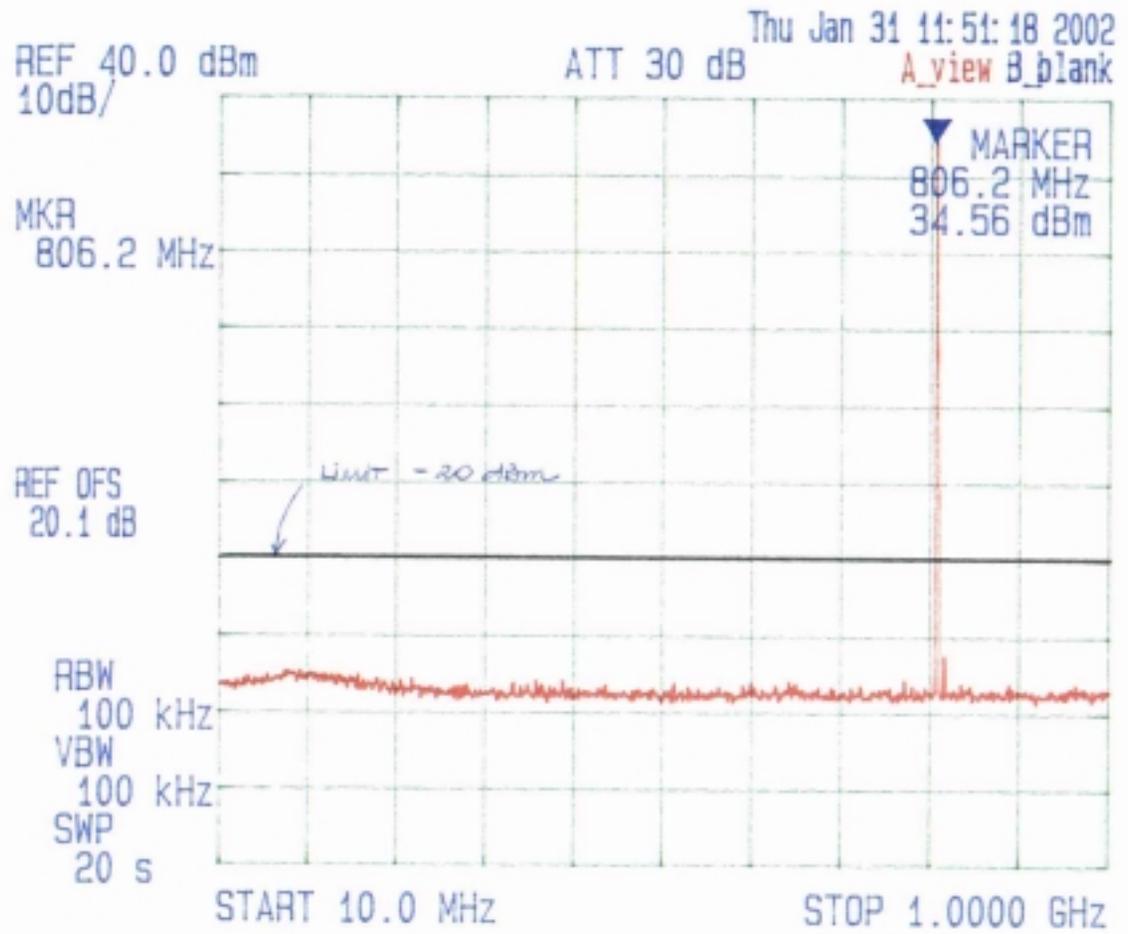
PLOT # 25
FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
UHF AIRBORNE TRANSCEIVER
Frequency: 806.013 MHz, Power Output: 5 W, Channel Spacing: 25 kHz
Mod.: FM Modulation with 2.5 kHz Sine wave signal, Freq. Dev.: - . kHz
Transmitter Antenna Power Conducted Emissions

Date: Jan 31 2002
Tested by: Hung Trinh

Plot # 25



ANNEX 1 - PLOTS OF MEASUREMENTS
 TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

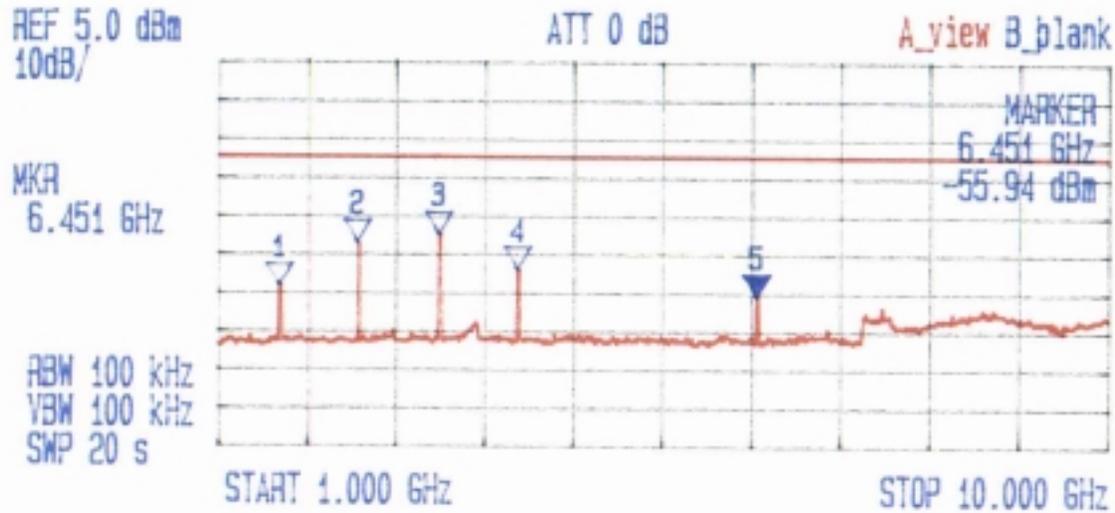
PLOT # 26
 FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
 UHF AIRBORNE TRANSCEIVER
 Frequency: 800.000 MHz, Power Output: 3 W, Channel Spacing: 25 kHz
 Mod.: FM Modulation with 2.5 kHz Sine wave signal, Freq. Dev.: kHz
 Transmitter Antenna Power Conducted Emissions

Date: Feb. 16 2002
 Tested by: Hung Trinh

Plot #29



*** Multi Marker List ***

No.	Frequency (GHz)	Power (dBm)	Attenuation
No. 1:	1.617 GHz	-53.19 dBm	A
No. 2:	2.414 GHz	-41.69 dBm	A
No. 3:	3.237 GHz	-39.56 dBm	A
No. 4:	4.034 GHz	-48.81 dBm	A
No. 5:	6.451 GHz	-55.94 dBm	A
No. 6:			
No. 7:			
No. 8:			
Δ:			

ANNEX 1 - PLOTS OF MEASUREMENTS
TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

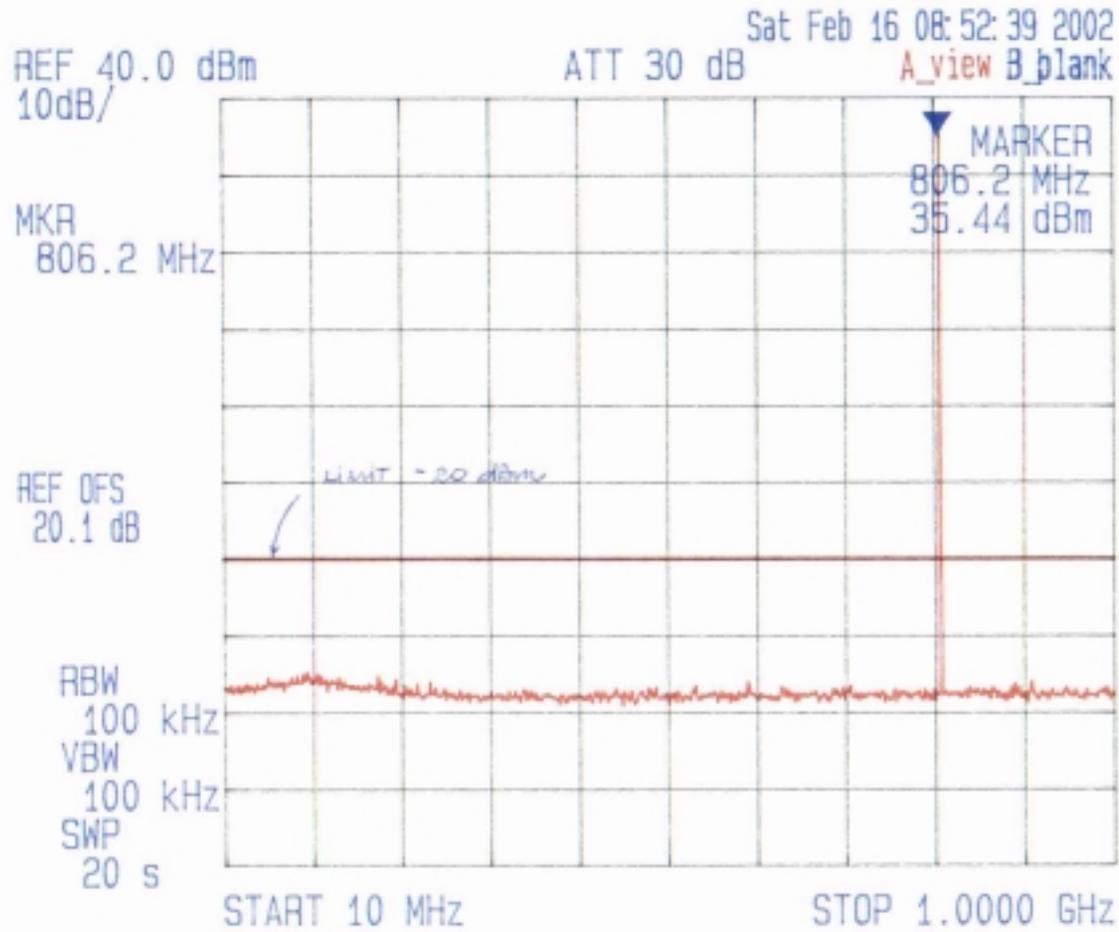
PLOT # 27
FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
UHF AIRBORNE TRANSCEIVER
Frequency: 806.012 MHz, Power Output: 3 W, Channel Spacing: 25 kHz
Modulation: Digital modulation
Transmitter Antenna Power Conducted Emissions

Date: Feb. 16, 2002
Tested by: Hung Trinh

Plot # 30



ANNEX 1 - PLOTS OF MEASUREMENTS
 TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

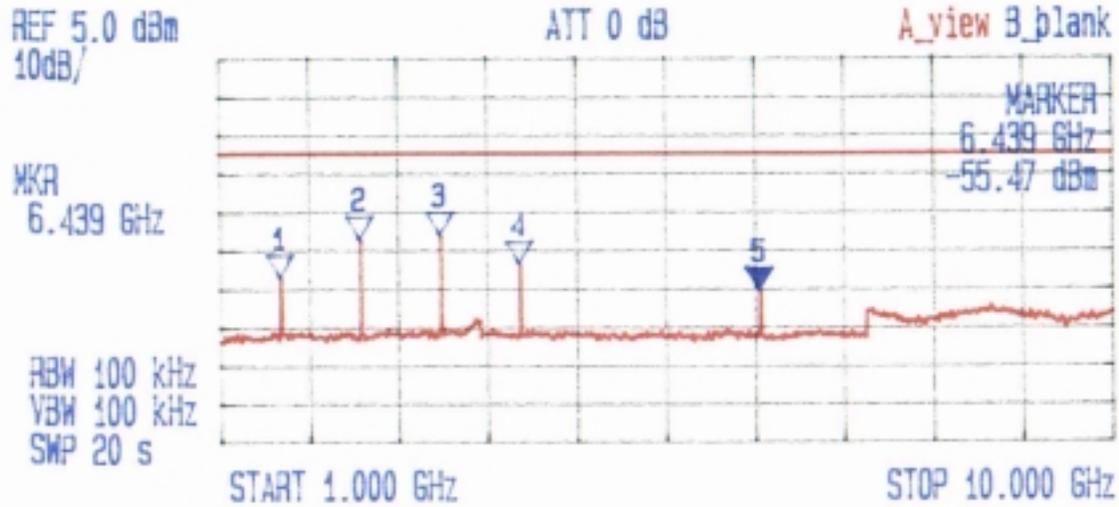
PLOT # 28
 FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
 UHF AIRBORNE TRANSCEIVER
 Frequency: 6000.1 MHz, Power Output: 3 W, Channel Spacing: 25 kHz
 Modulation: Digital modulation
 Transmitter Antenna Power Conducted Emissions

Date: Feb. 16 2002
 Tested by: Hung Trinh

Plot #31



REF 5.0 dBm
 10dB/
 MKR
 6.439 GHz

RBW 100 kHz
 VBW 100 kHz
 SWP 20 s

START 1.000 GHz

STOP 10.000 GHz

*** Multi Marker List ***

No. 1:	1.604 GHz	-51.78 dBm	A
No. 2:	2.414 GHz	-42.00 dBm	A
No. 3:	3.224 GHz	-41.00 dBm	A
No. 4:	4.021 GHz	-48.47 dBm	A
No. 5:	6.439 GHz	-55.47 dBm	A
No. 6:			
No. 7:			
No. 8:			
Δ:			

ANNEX 1 - PLOTS OF MEASUREMENTS
TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

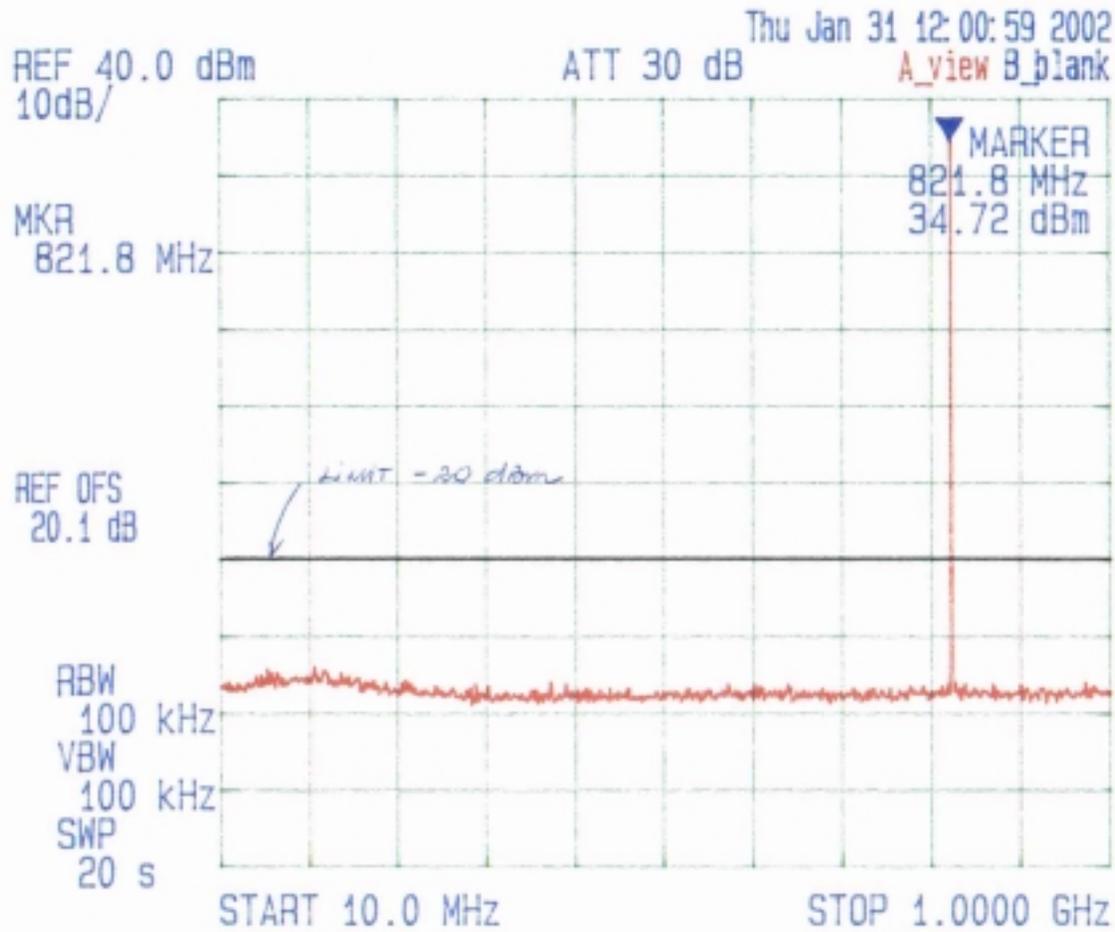
PLOT # 29
FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
UHF AIRBORNE TRANSCEIVER
Frequency: 821 MHz, Power Output: 3 W, Channel Spacing: 12.5 kHz
Mod.: FM Modulation with 2.5 kHz Sine wave signal, Freq. Dev.: 2.5 kHz
Transmitter Antenna Power Conducted Emissions

Date: Jan. 31 2002
Tested by: Hung Trinh

Plot # 32



ANNEX 1 - PLOTS OF MEASUREMENTS
TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

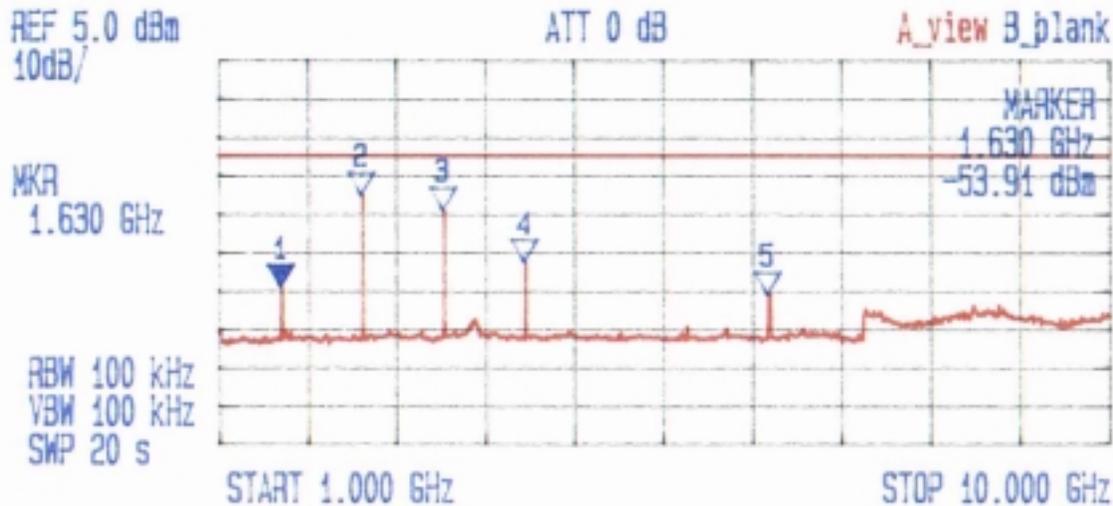
PLOT # 30
FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
UHF AIRBORNE TRANSCEIVER
Frequency: 821 MHz, Power Output: 3 W, Channel Spacing: 12.5 kHz
Mod.: FM Modulation with 2.5 kHz Sine wave signal, Freq. Dev.: ±2.5 kHz
Transmitter Antenna Power Conducted Emissions

Date: Feb. 15 2002
Tested by: Hung Trinh

Plot #33



*** Multi Marker List ***

No.	Frequency (GHz)	Power (dBm)	Marker
No. 1:	1.630	-53.91	A
No. 2:	2.453	-29.53	A
No. 3:	3.276	-33.59	A
No. 4:	4.099	-47.38	A
No. 5:	6.554	-55.66	A
No. 6:			
No. 7:			
No. 8:			
Δ:			

ANNEX 1 - PLOTS OF MEASUREMENTS
TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

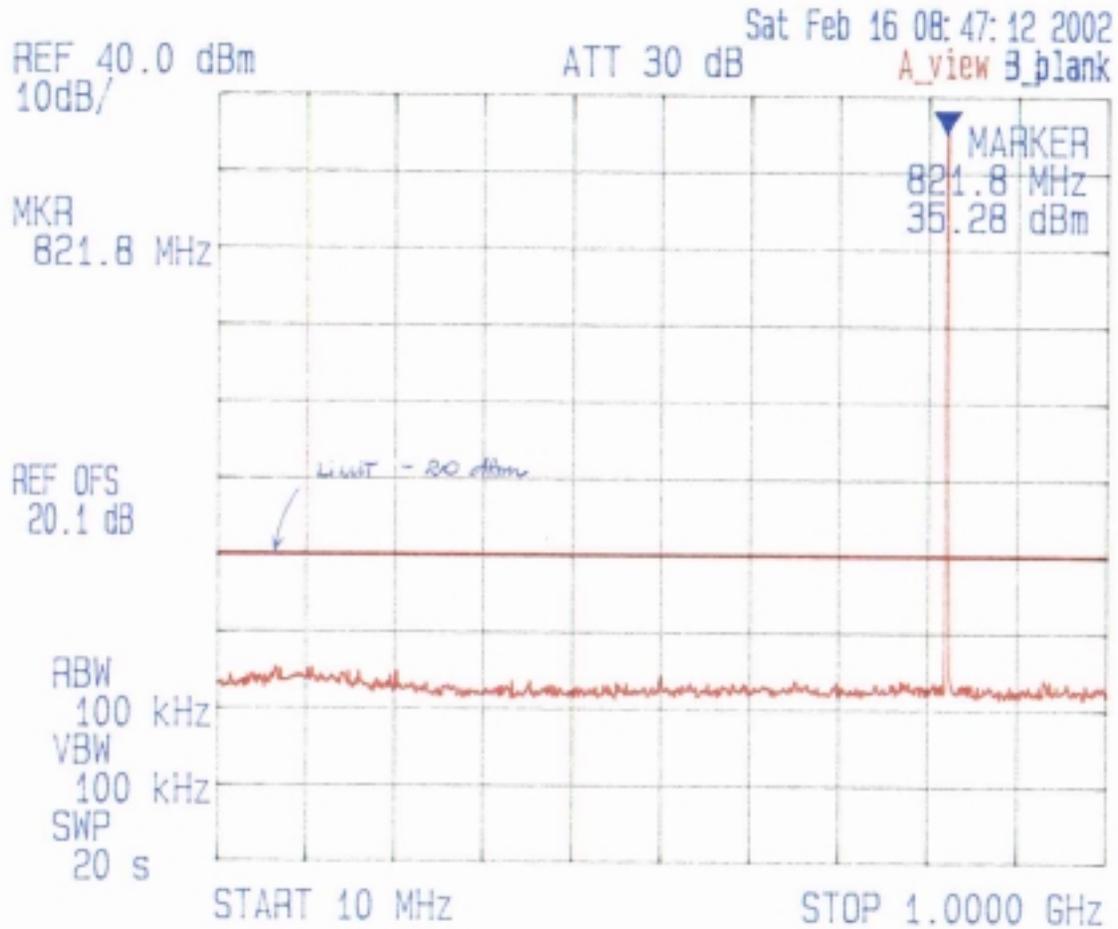
PLOT # 31
FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
UHF AIRBORNE TRANSCEIVER
Frequency: 821 MHz, Power Output: 5 W, Channel Spacing: 12.5 kHz
Modulation: Digital modulation
Transmitter Antenna Power Conducted Emissions

Date: Feb. 16 2002
Tested by: Hung Trinh

Plot # 34



ANNEX 1 - PLOTS OF MEASUREMENTS
TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

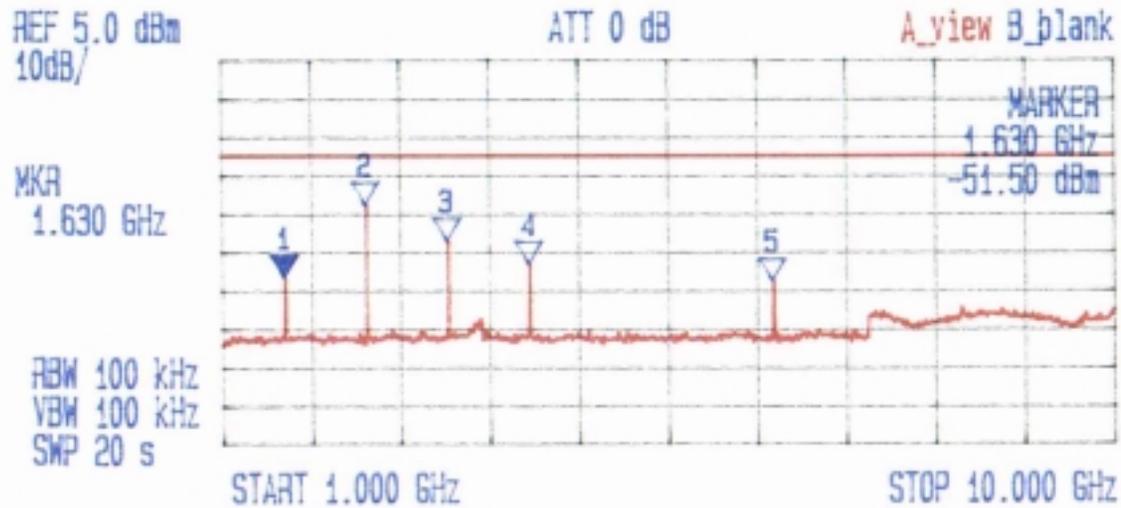
PLOT # 32
FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
 UHF AIRBORNE TRANSCEIVER
 Frequency: 831 MHz, Power Output: 3 W, Channel Spacing: 48.5 kHz
 Modulation: Digital modulation
Transmitter Antenna Power Conducted Emissions

Date: Feb. 16 2002
 Tested by: Hung Trinh

Plot # 35



*** Multi Marker List ***

No. 1:	1.630 GHz	-51.50 dBm	A
No. 2:	2.453 GHz	-32.47 dBm	A
No. 3:	3.276 GHz	-41.66 dBm	A
No. 4:	4.099 GHz	-47.63 dBm	A
No. 5:	6.554 GHz	-52.50 dBm	A
No. 6:			
No. 7:			
No. 8:			
Δ:			

ANNEX 1 - PLOTS OF MEASUREMENTS
TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

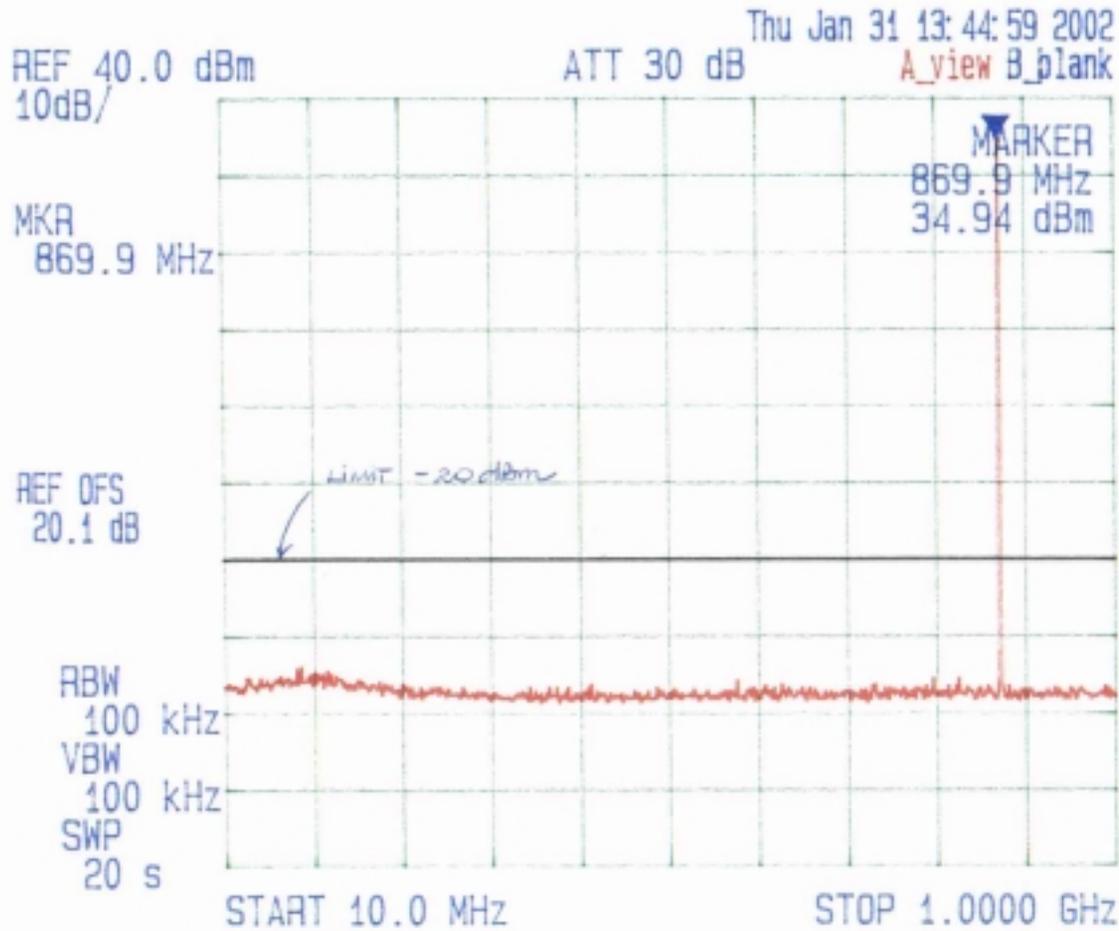
PLOT # 33
FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
UHF AIRBORNE TRANSCEIVER
Frequency: 868.957 MHz, Power Output: 5 W, Channel Spacing: 12.5 kHz
Mod.: FM Modulation with 2.5 kHz Sine wave signal, Freq. Dev.: 2.3 kHz
Transmitter Antenna Power Conducted Emissions

Date: Jan. 31 2002
Tested by: Hung Trinh

Plot # 36.



ANNEX 1 - PLOTS OF MEASUREMENTS
 TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

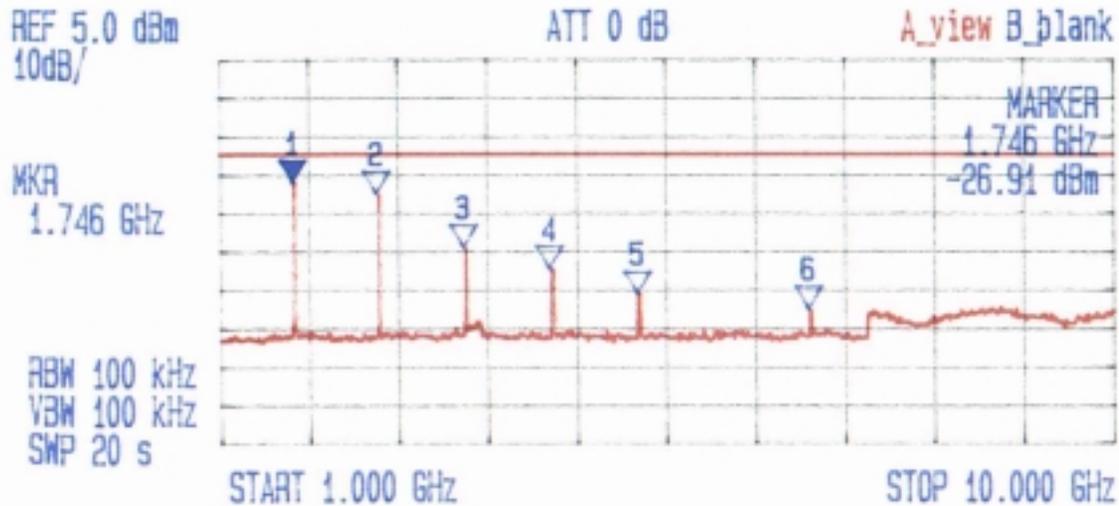
PLOT # 34
 FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
 UHF AIRBORNE TRANSCEIVER
 Frequency: 825.00 MHz, Power Output: 3 W, Channel Spacing: 18.5 kHz
 Mod.: FM Modulation with 2.5 kHz Sine wave signal, Freq. Dev.: 2.8 kHz
Transmitter Antenna Power Conducted Emissions

Date: Feb. 16 2002
 Tested by: Hung Trinh

Plot # 37



*** Multi Marker List ***

No.	Freq. (GHz)	Power (dBm)	View
No. 1:	1.746	-26.91	A
No. 2:	2.594	-29.97	A
No. 3:	3.469	-43.69	A
No. 4:	4.330	-49.16	A
No. 5:	5.217	-55.97	A
No. 6:	6.940	-59.94	A
No. 7:			
No. 8:			
Δ:			

ANNEX 1 - PLOTS OF MEASUREMENTS
TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

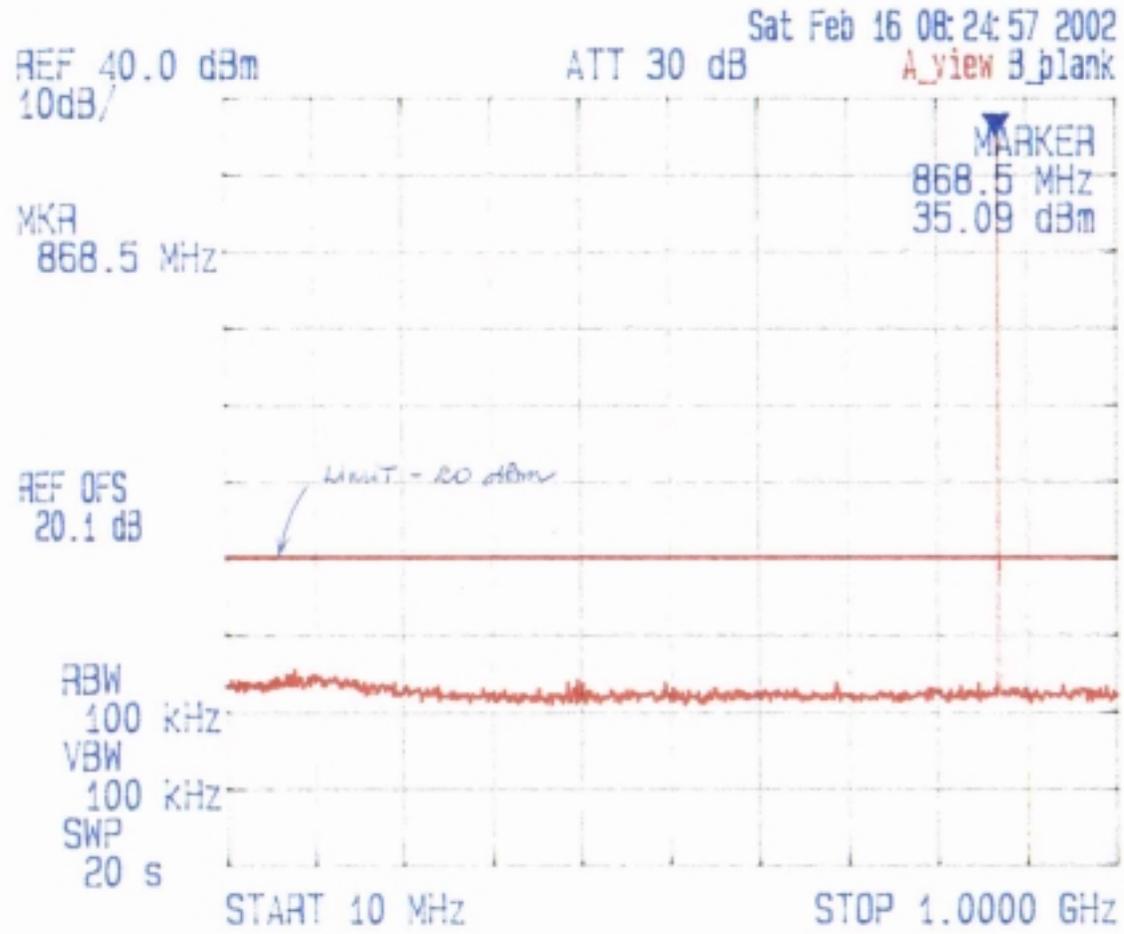
PLOT # 35
FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
UHF AIRBORNE TRANSCEIVER
Frequency: 868.5 MHz, Power Output: 3 W, Channel Spacing: 12.5 kHz
Modulation: Digital modulation
Transmitter Antenna Power Conducted Emissions

Date: Feb. 16 2002
Tested by: Hung Trinh

Plot # 35



ANNEX 1 - PLOTS OF MEASUREMENTS
 TRANSMITTER ANTENNA SPURIOUS/HARMONIC EMISSIONS

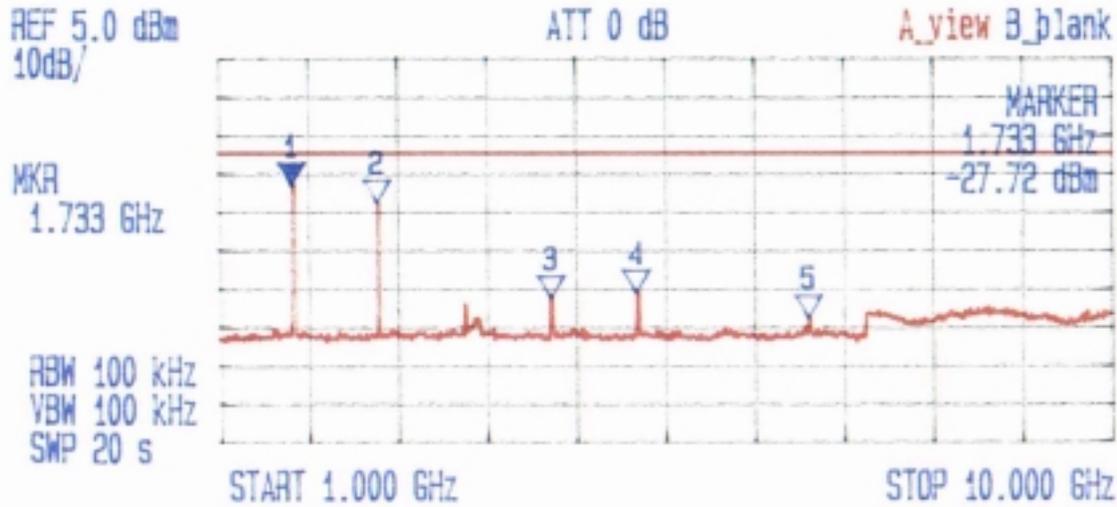
PLOT # 36
 FCC ID: I MA-P2088A



TECHNISONIC INDUSTRIES LIMITED
 UHF AIRBORNE TRANSCEIVER
 Frequency: 868.737 MHz, Power Output: 3 W, Channel Spacing: 12.5 kHz
 Modulation: Digital modulation
Transmitter Antenna Power Conducted Emissions

Date: Feb. 16 2002
 Tested by: Hung Trinh

Plot # 39



*** Multi Marker List ***

No. 1:	1.733 GHz	-27.72 dBm	A
No. 2:	2.594 GHz	-32.34 dBm	A
No. 3:	4.343 GHz	-57.16 dBm	A
No. 4:	5.204 GHz	-55.72 dBm	A
No. 5:	6.940 GHz	-62.22 dBm	A
No. 6:			
No. 7:			
No. 8:			
Δ:			