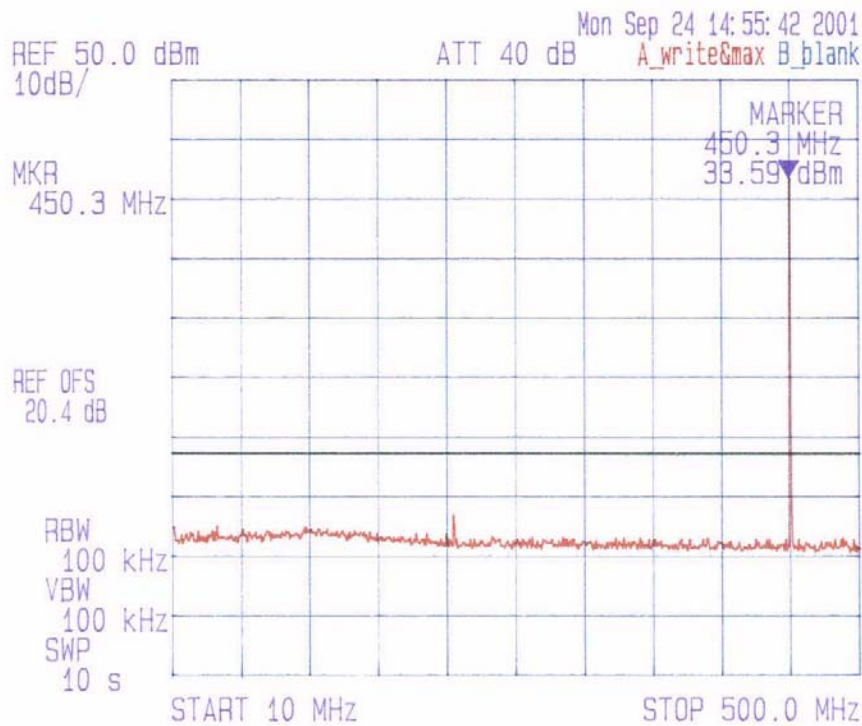


QPSK MODULATION



MICROWAVE DATA SYSTEMS INC.
LED R DIGITAL MICROWAVE RADIO, MODEL LED R 400S
Frequency: 450.3 MHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: QPSK modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

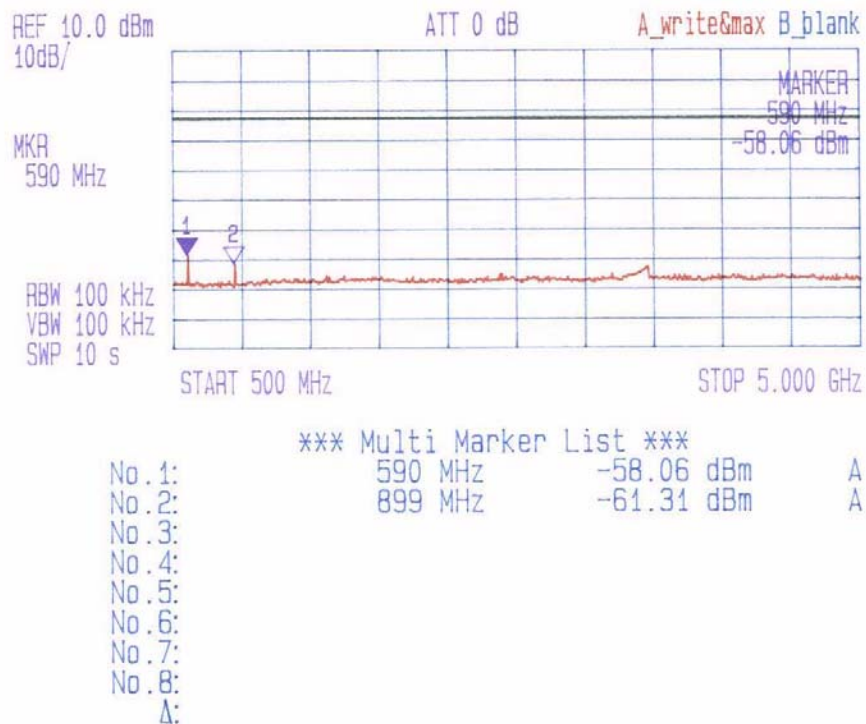
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 5.0 MHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: QPSK modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

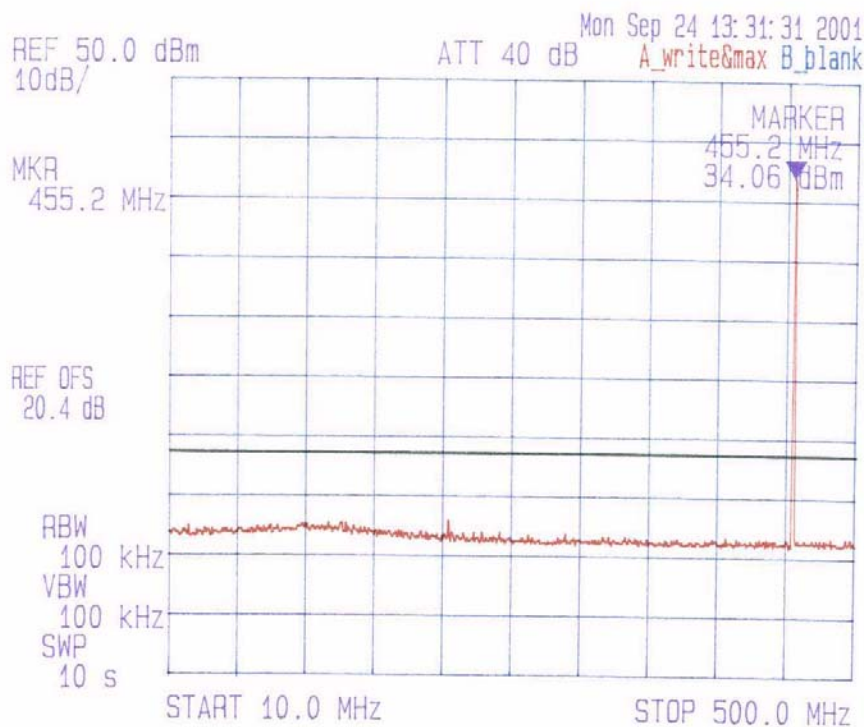
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 455.2 MHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: QPSK modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

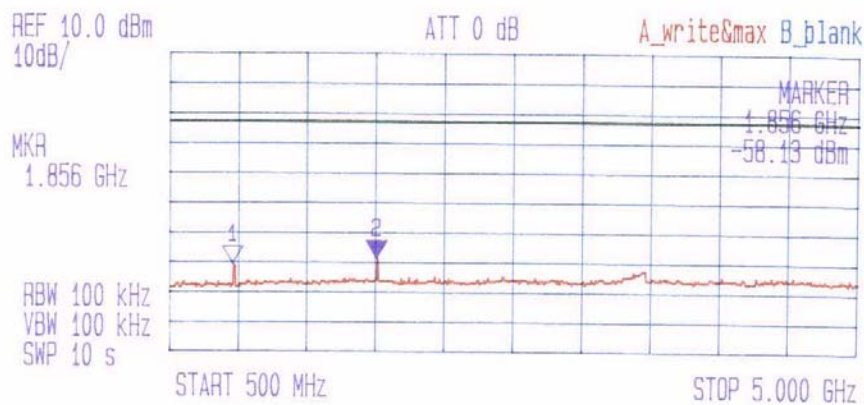
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 1.856 MHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: QPSK modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh



*** Multi Marker List ***

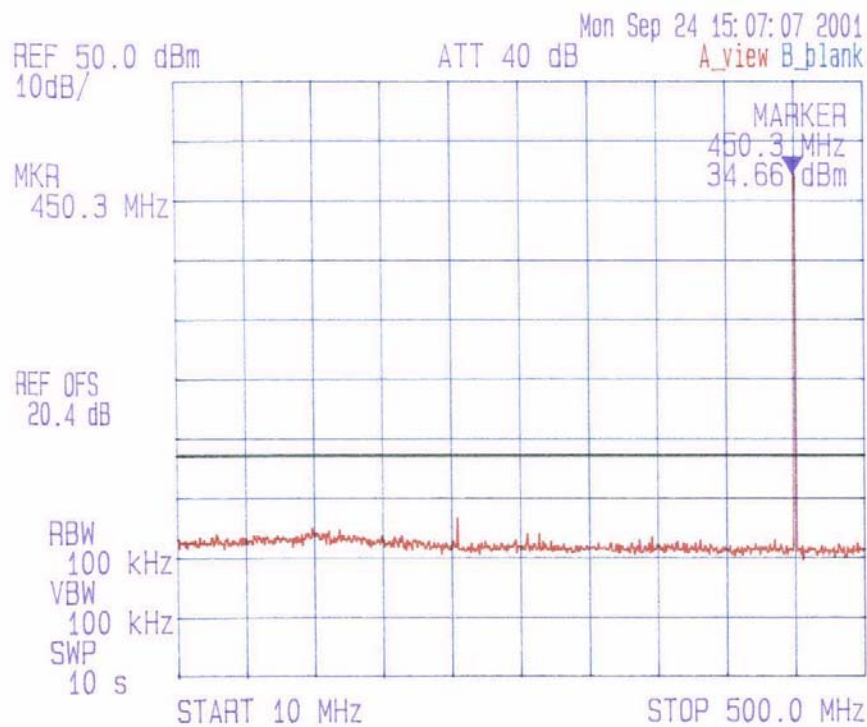
No.	Freq	Power	Label
No.1:	911 MHz	-60.06 dBm	A
No.2:	1.856 GHz	-58.13 dBm	A
No.3:			
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

16 QAM MODULATION WITH 64 Kbps RANDOM DATA



MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency 450.3 MHz, Power Output: W, Channel Spacing: 25 kHz
Mod.: 16 QAM modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

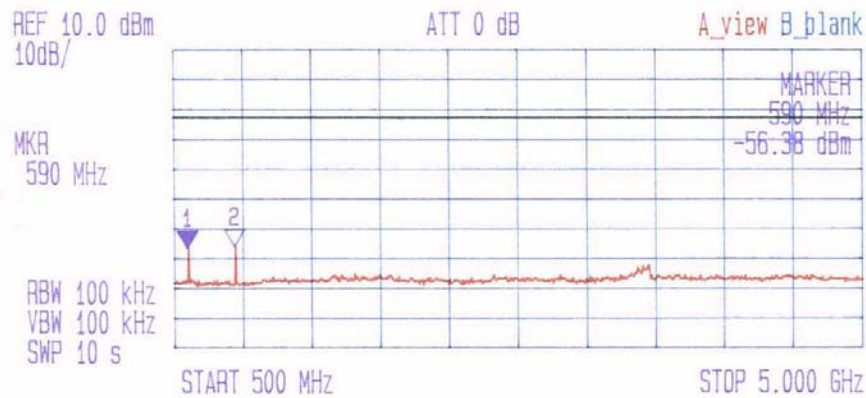
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 590.48 MHz, Power Output: / W, Channel Spacing: 25 kHz
Mod.: 16 QAM modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh



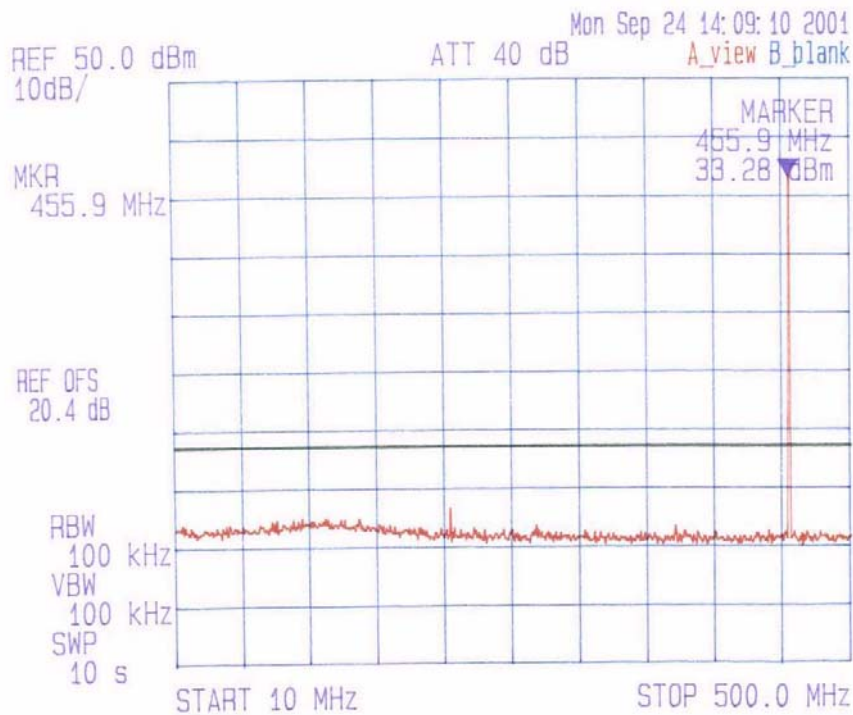
*** Multi Marker List ***

No. 1:	590 MHz	-56.38 dBm	A
No. 2:	899 MHz	-55.84 dBm	A
No. 3:			
No. 4:			
No. 5:			
No. 6:			
No. 7:			
No. 8:			
A:			



MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 455.9 MHz, Power Output: 1 W, Channel Spacing: 25 kHz
Mod.: 16 QAM modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

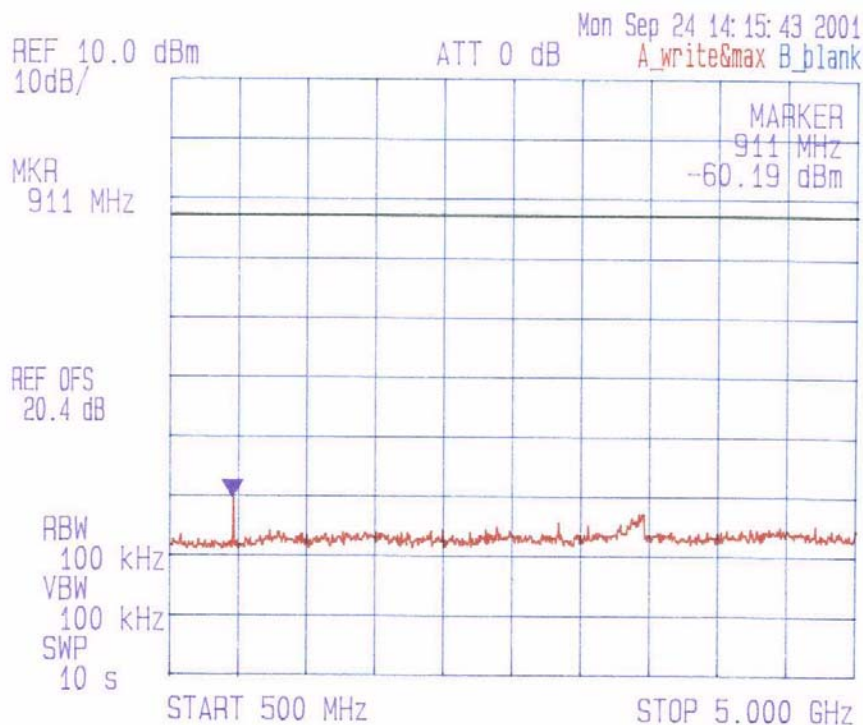
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 455.40 MHz, Power Output: W, Channel Spacing: 25 kHz
Mod.: 16 QAM modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh

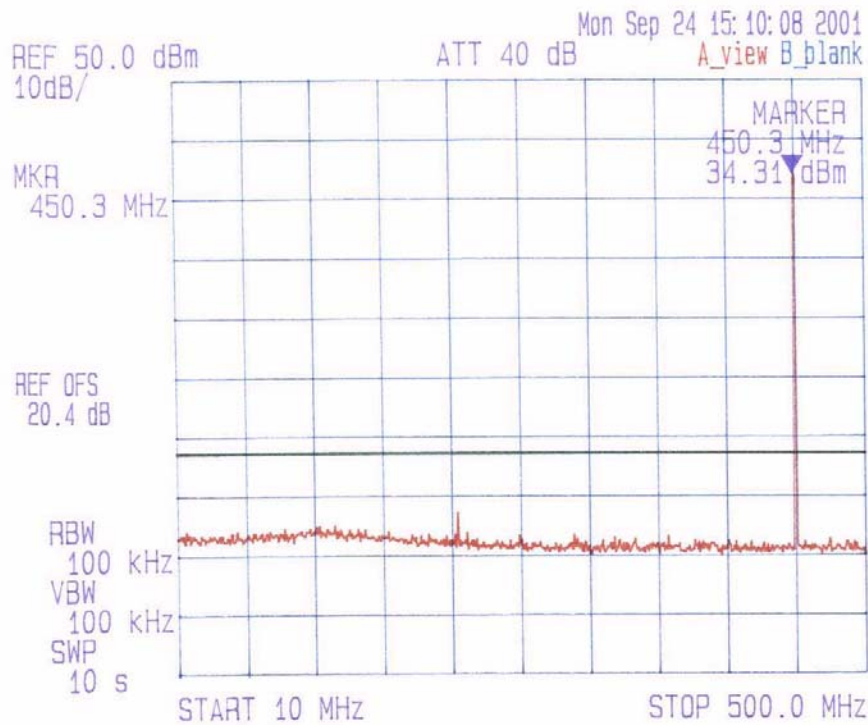


32 QAM MODULATION WITH 64 Kbps RANDOM DATA



MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 450.3 MHz, Power Output: 1 W, Channel Spacing: 25 kHz
Mod.: 32 QAM modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

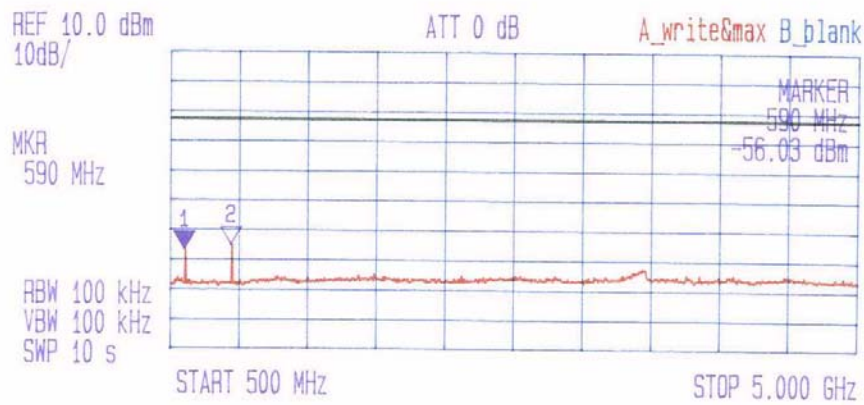
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 590 MHz, Power Output: _____ W, Channel Spacing: 25 kHz
Mod.: 32 QAM modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh



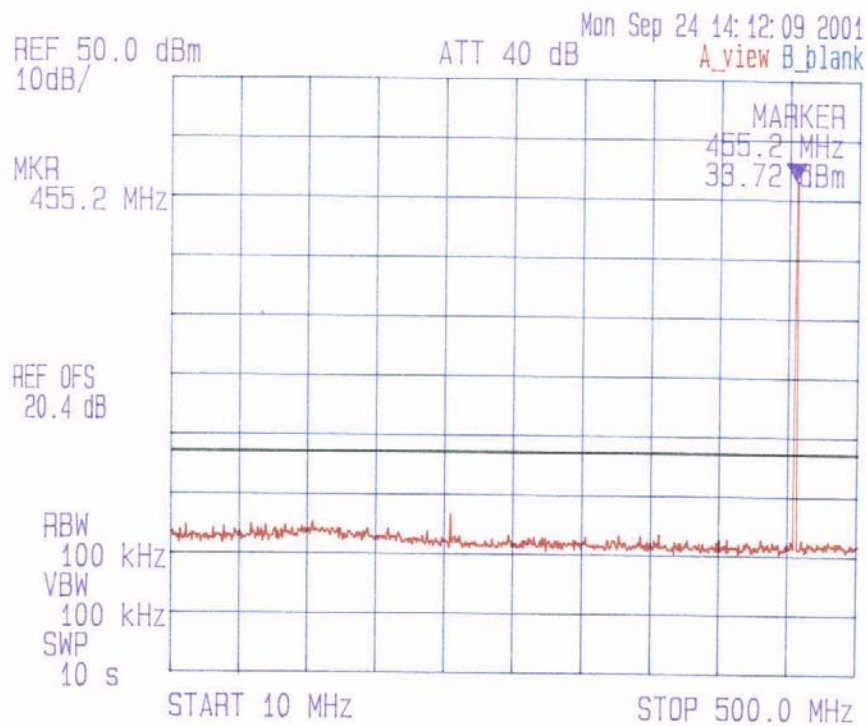
*** Multi Marker List ***

No.	Frequency (MHz)	Power (dBm)	Label
No.1:	590 MHz	-56.03 dBm	A
No.2:	899 MHz	-54.84 dBm	A
No.3:			
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			



MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 455.23 MHz, Power Output: W, Channel Spacing: 25 kHz
Mod.: 32 QAM modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

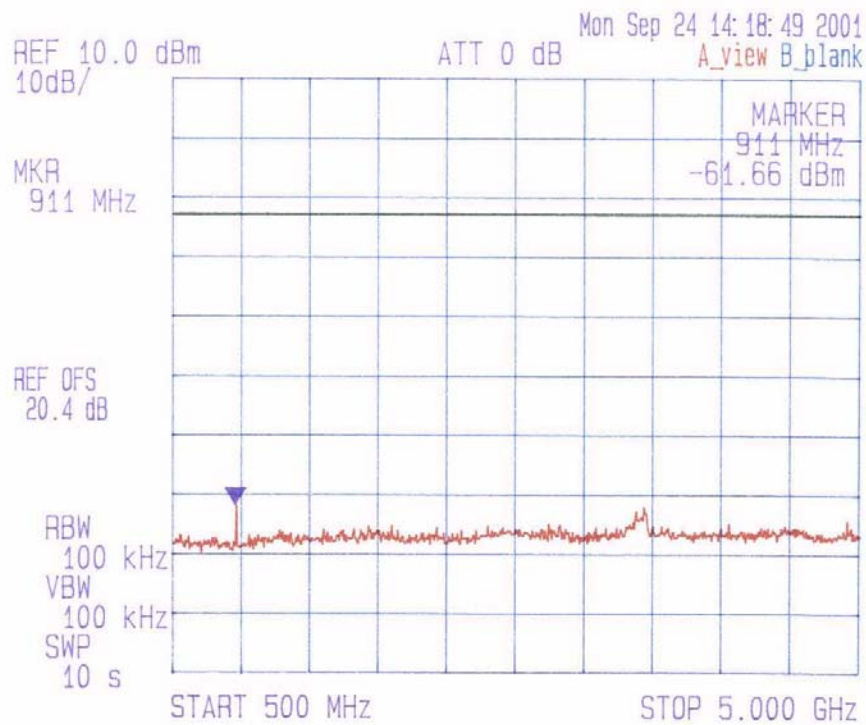
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 4.5548 MHz, Power Output: 1 W, Channel Spacing: 25 kHz
Mod.: 32 QAM modulation with random data @ 64 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh

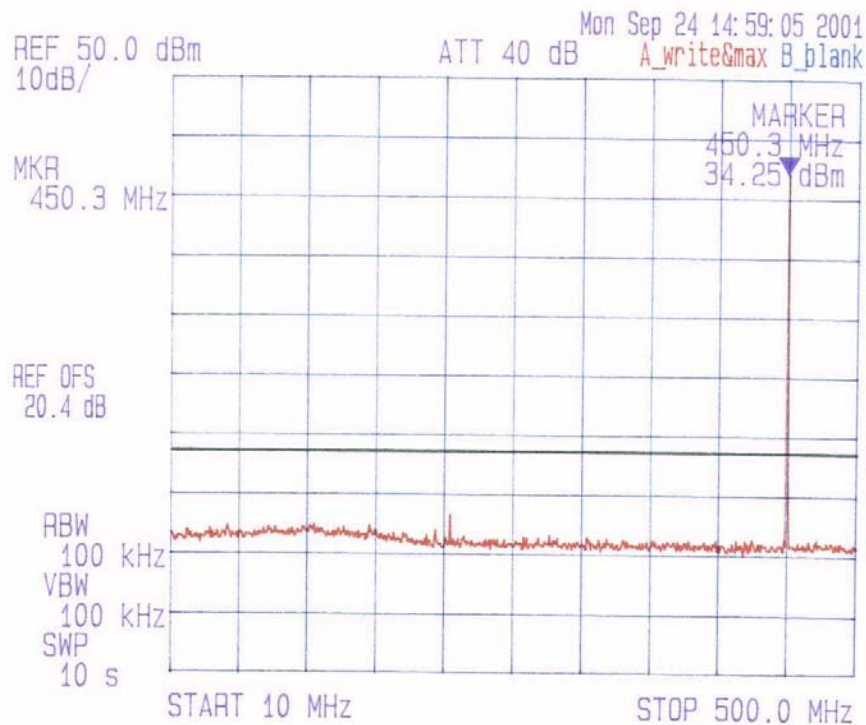


16 QAM MODULATION WITH 128 Kbps RANDOM DATA



MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 450.3 MHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: 16 QAM modulation with random data @ 128 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

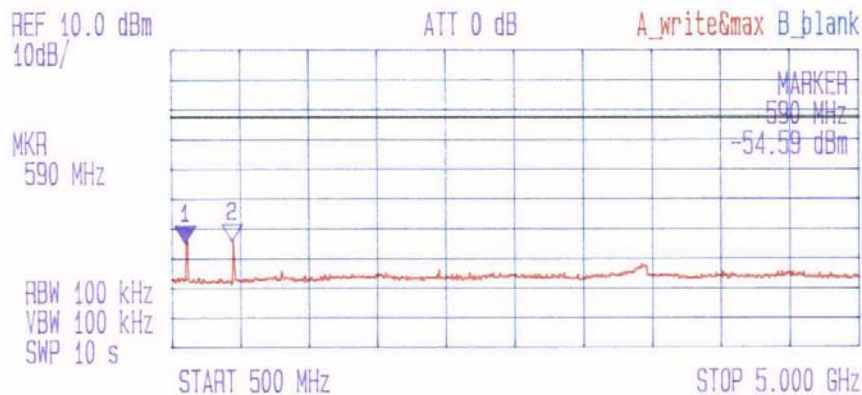
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 452.48 MHz, Power Output: W, Channel Spacing: 50 kHz
Mod.: 16 QAM modulation with random data @ 128 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh



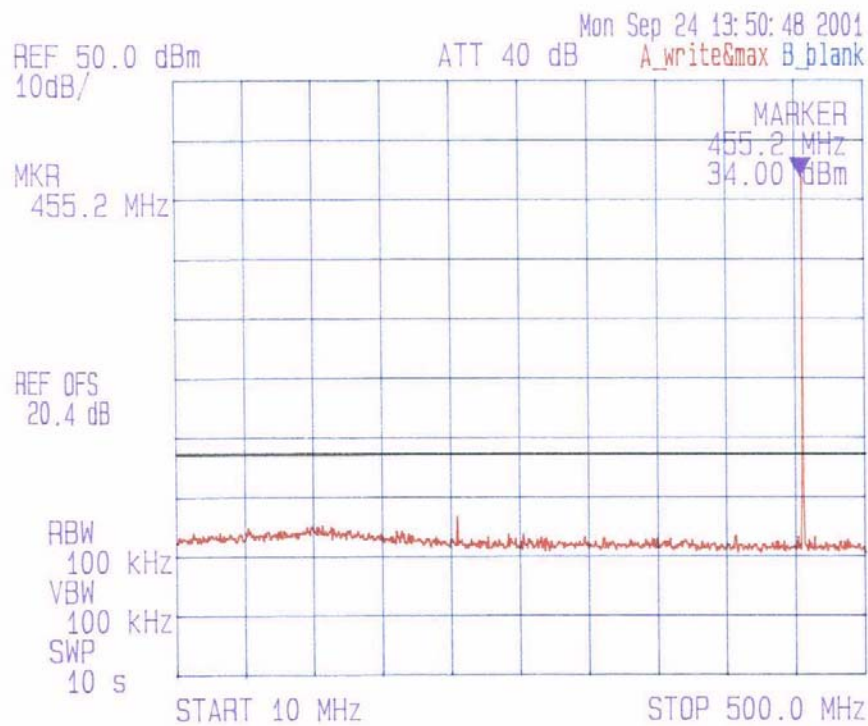
*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Label
No.1:	590 MHz	-54.59 dBm	A
No.2:	899 MHz	-54.16 dBm	A
No.3:			
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			



MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 455.2 MHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: 16 QAM modulation with random data @ 128 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

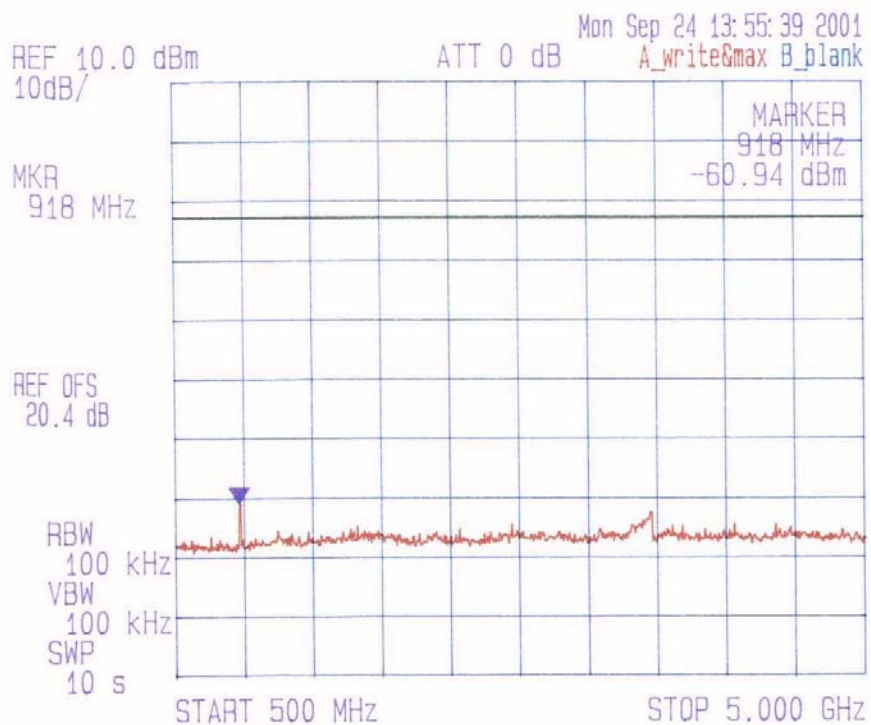
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 4.65 GHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: 16 QAM modulation with random data @ 128 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh

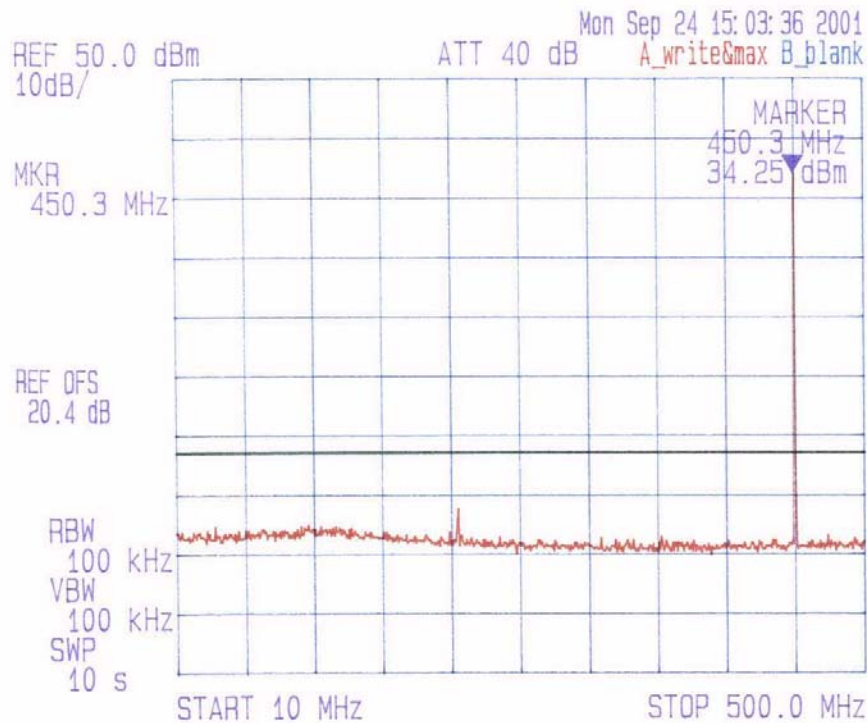


32 QAM MODULATION WITH 128 Kbps RANDOM DATA



MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 450.3 MHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: 32 QAM modulation with random data @ 128 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

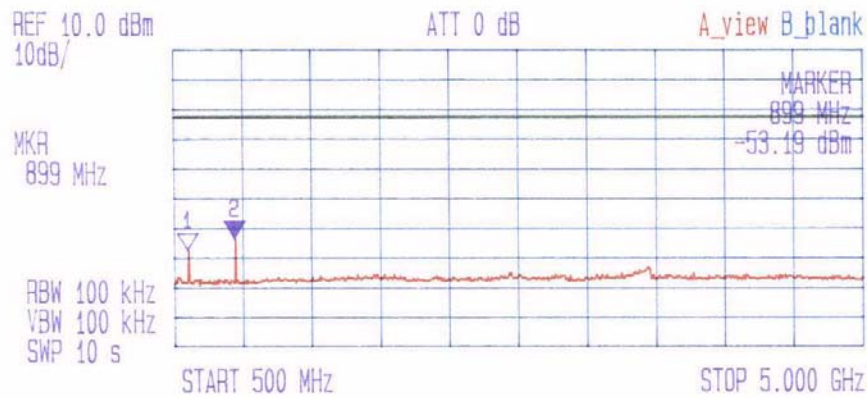
Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency 4.50 GHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: 32 QAM modulation with random data @ 128 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh



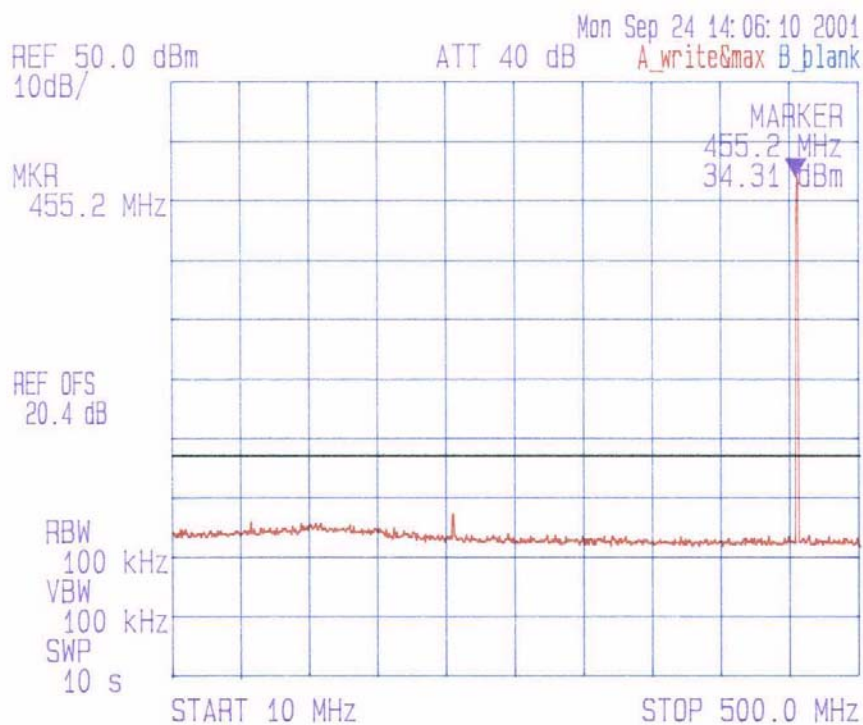
*** Multi Marker List ***

No.1:	590 MHz	-57.03 dBm	A
No.2:	899 MHz	-53.19 dBm	A
No.3:			
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			



MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 455.2 MHz, Power Output: 1 W, Channel Spacing: 50 kHz
Mod.: 32 QAM modulation with random data @ 128 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh





MICROWAVE DATA SYSTEMS INC.
LEDR DIGITAL MICROWAVE RADIO, MODEL LEDR 400S
Frequency: 455.48 MHz, Power Output: / W, Channel Spacing: 50 kHz
Mod.: 32 QAM modulation with random data @ 128 kbps (with audio filter)
Transmitter Antenna Power Conducted Emissions

Date: Sept. 24, 2001
Tested by: Hung Trinh

