

**TEST REPORT DATA INDEX**

| <b>MEASUREMENT</b>                                                                             | <b>EXHIBIT</b> |
|------------------------------------------------------------------------------------------------|----------------|
| RF Power Output Data -- Pursuant 47 CFR 2.1046(a), 2.1033(c)(6), 2.1033(c)(7) and 2.1033(c)(8) | 6.1            |
| Modulation Characteristics Data -- Pursuant 47 CFR 2.1047 and 2.1033(c)(13)                    | 6.2            |
| Occupied Bandwidth Data -- Pursuant 47 CFR 2.1049, 90.210(g) and 90.691                        | 6.3            |
| Radiated Spurious Emissions Data -- Pursuant 47 CFR 2.1053, 2.1057, 90.210(g) and 90.691(a)    | 6.4            |
| Conducted Spurious Emissions Data -- Pursuant 47 CFR 2.1051, 2.1057, 90.210 (g) and 90.691     | 6.5            |

**TEST REPORT**

## OUTPUT POWER

|                          |                               |
|--------------------------|-------------------------------|
| <b>LOW-POWER SETTING</b> | <b>FREQUENCY 806.025 MHz.</b> |
| RF Output Power :        | 1.21 WATTS                    |
| DC Voltage :             | 7.5 VOLTS                     |
| DC Current :             | 0.69 AMP                      |
| DC Input Power :         | 5.18 WATTS                    |
| <b>LOW-POWER SETTING</b> | <b>FREQUENCY 815.525 MHz.</b> |
| RF Output Power :        | 1.07 WATTS                    |
| DC Voltage :             | 7.5 VOLTS                     |
| DC Current :             | 0.65 AMP                      |
| DC Input Power :         | 4.88 WATTS                    |
| <b>LOW-POWER SETTING</b> | <b>FREQUENCY 824.975 MHz.</b> |
| RF Output Power:         | 1.11 WATTS                    |
| DC Voltage:              | 7.5 VOLTS                     |
| DC Current:              | 0.64 AMP                      |
| DC Input Power:          | 4.80 WATTS                    |
| <b>LOW-POWER SETTING</b> | <b>FREQUENCY 851.025 MHz.</b> |
| RF Output Power :        | 1.30 WATTS                    |
| DC Voltage :             | 7.5 VOLTS                     |
| DC Current :             | 0.75 AMP                      |
| DC Input Power :         | 5.33 WATTS                    |
| <b>LOW-POWER SETTING</b> | <b>FREQUENCY 860.525 MHz.</b> |
| RF Output Power :        | 1.22 WATTS                    |
| DC Voltage :             | 7.5 VOLTS                     |
| DC Current :             | 0.70 AMP                      |
| DC Input Power           | 5.25 WATTS                    |
| <b>LOW-POWER SETTING</b> | <b>FREQUENCY 869.975 MHz</b>  |
| RF Output Power:         | 1.29 WATTS                    |
| DC Voltage:              | 7.5 VOLTS                     |
| DC Current:              | 0.75 AMP                      |
| DC Input Power:          | 5.63 WATTS                    |

**TEST REPORT**

## OUTPUT POWER

**HIGH-POWER SETTING**

RF Output Power :

DC Voltage :

DC Current :

DC Input Power :

**FREQUENCY 851.025MHZ.**

2.40 WATTS

7.5 VOLTS

0.83 AMP

6.23 WATTS

**HIGH-POWER SETTING**

RF Output Power :

DC Voltage :

DC Current :

DC Input Power

**FREQUENCY 860.525 MHz.**

2.41 WATTS

7.5 VOLTS

0.82 AMP

6.15 WATTS

**HIGH-POWER SETTING**

RF Output Power:

DC Voltage:

DC Current:

DC Input Power:

**FREQUENCY 869.975 MHz.**

2.45 WATTS

7.5 VOLTS

0.91 AMP

6.83 WATTS

**TEST REPORT**MODULATION CHARACTERISTICS DATA  
DEVIATION vs. AUDIO INPUT LEVEL (CSQ)

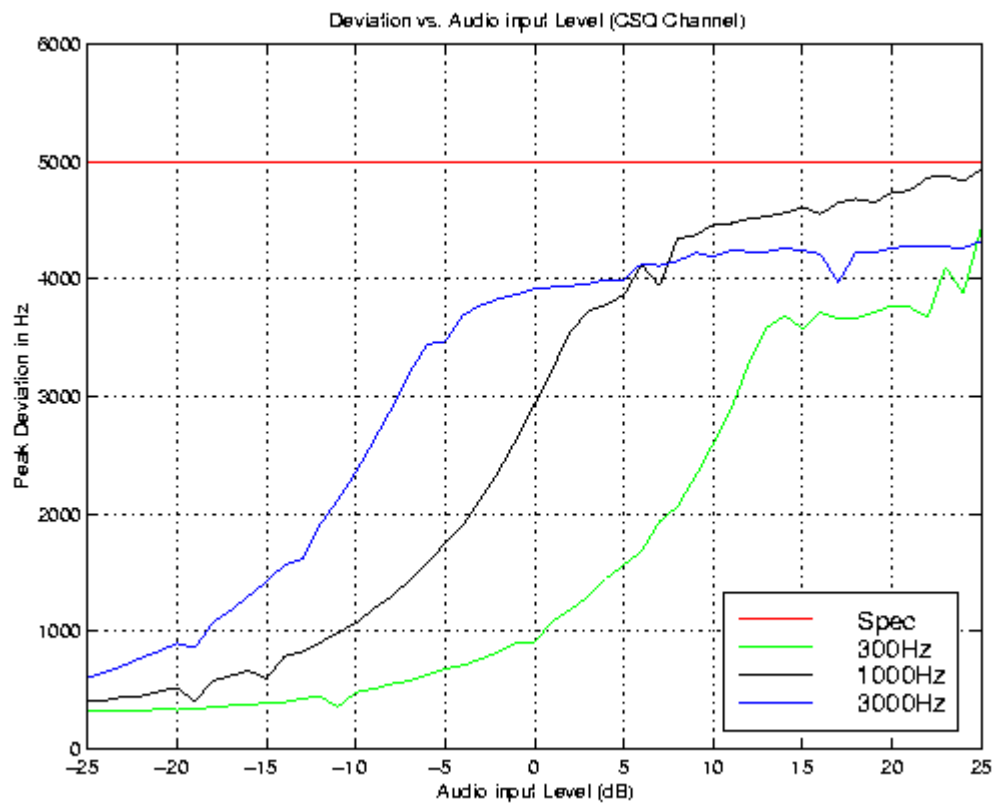
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



**TEST REPORT**MODULATION LIMITTING  
DEVIATION vs. AUDIO INPUT LEVEL (TPL)

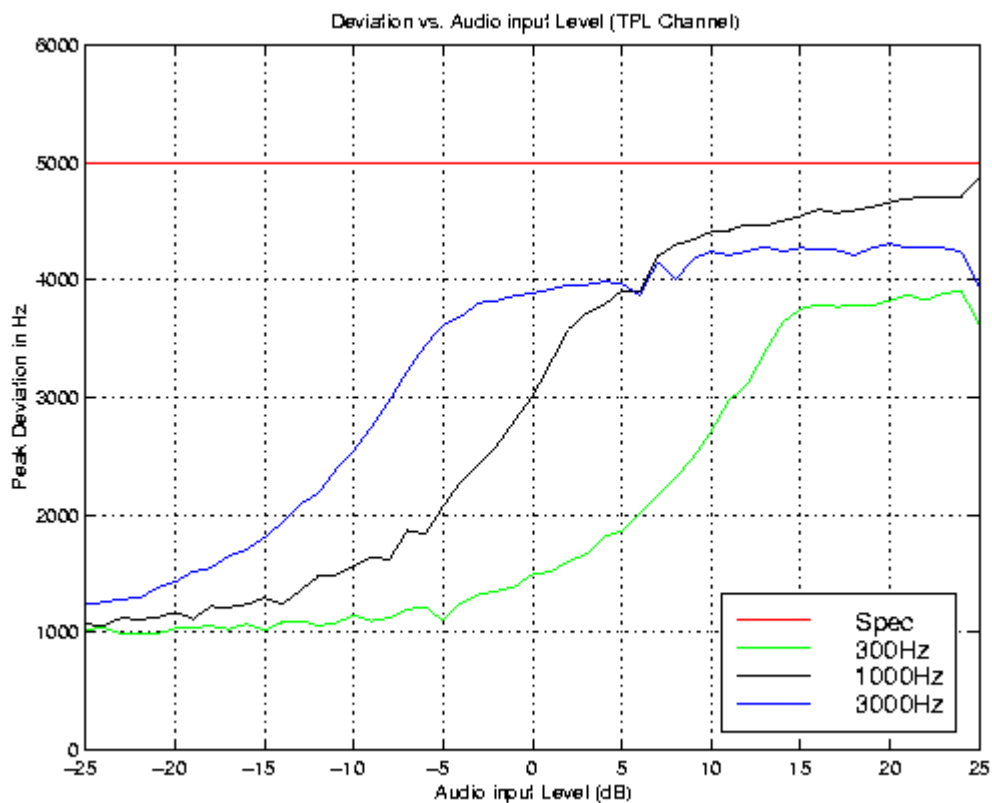
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



**TEST REPORT**MODULATION LIMITTING  
DEVIATION vs. AUDIO INPUT LEVEL (DPL)

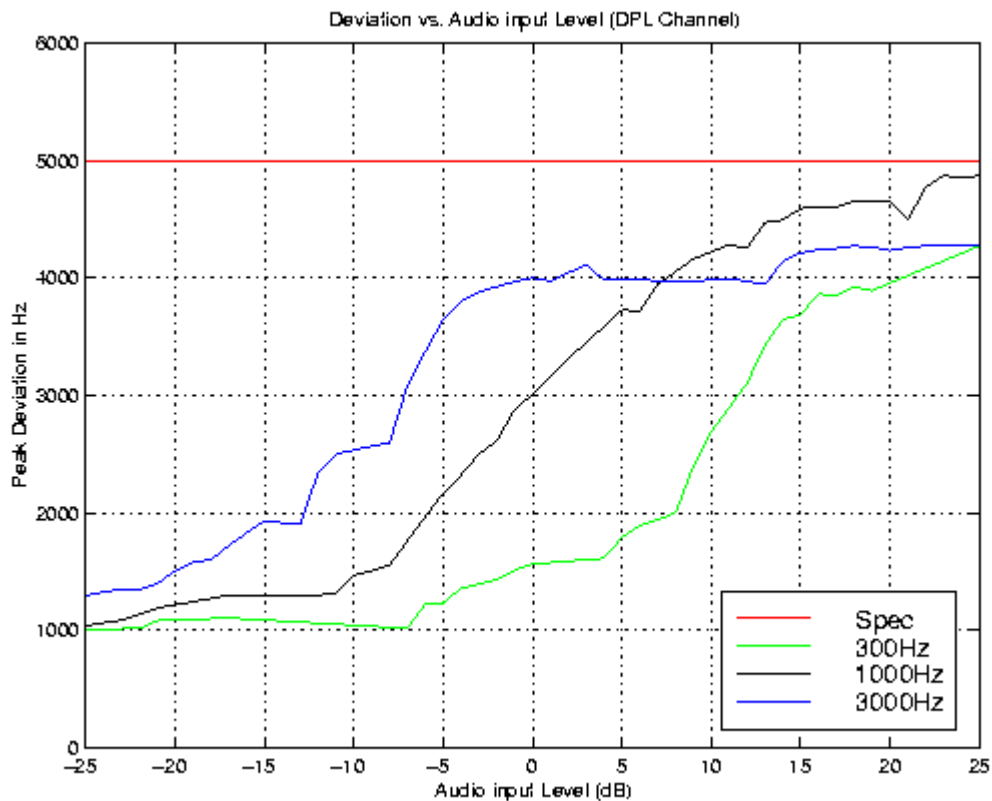
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



**TEST REPORT**MODULATION LIMITTING  
DEVIATION vs. AUDIO INPUT LEVEL (CSQ)

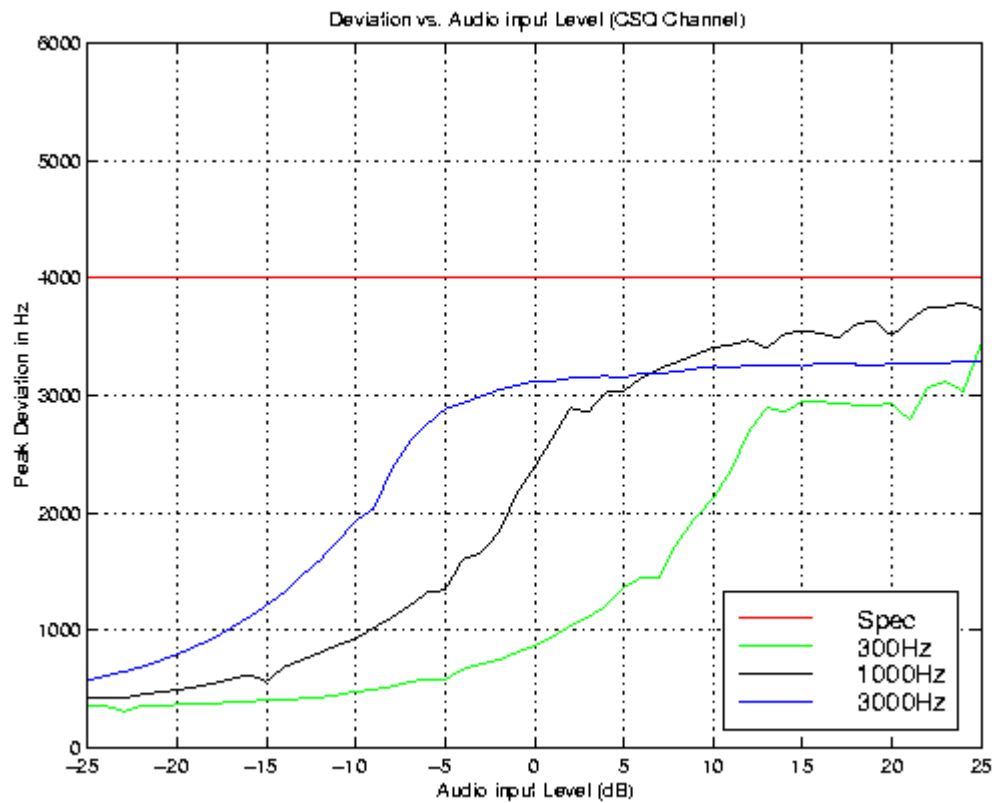
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



**TEST REPORT**MODULATION LIMITTING  
DEVIATION vs. AUDIO INPUT LEVEL (TPL)

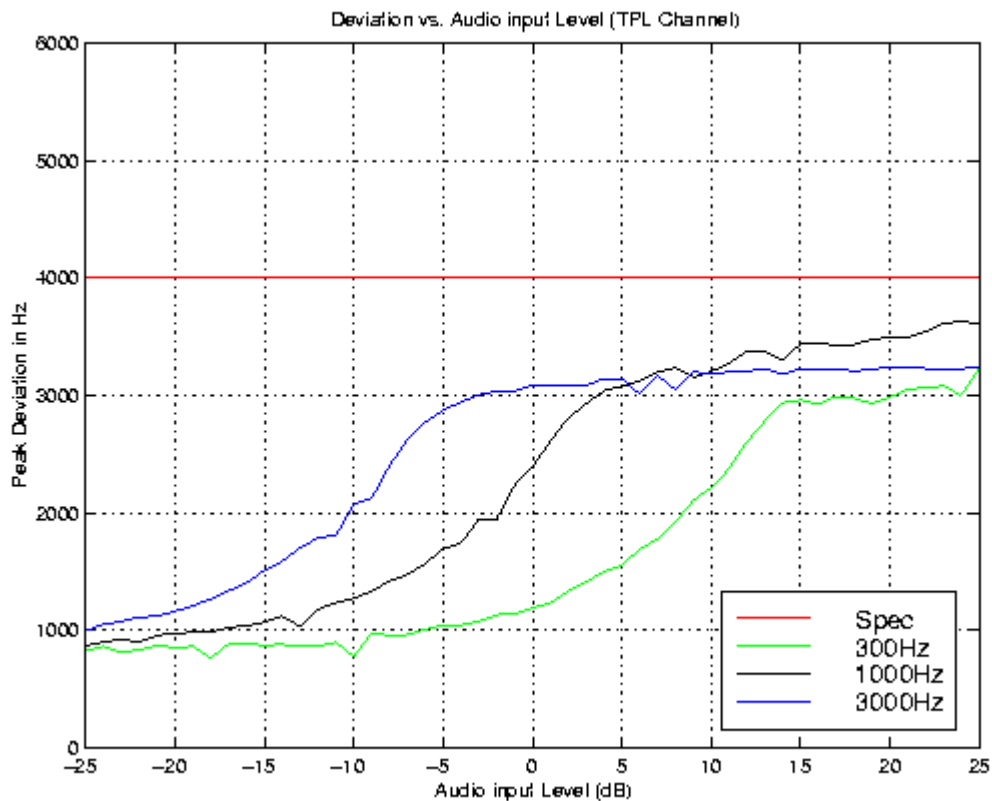
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



**TEST REPORT**MODULATION LIMITTING  
DEVIATION vs. AUDIO INPUT LEVEL (DPL)

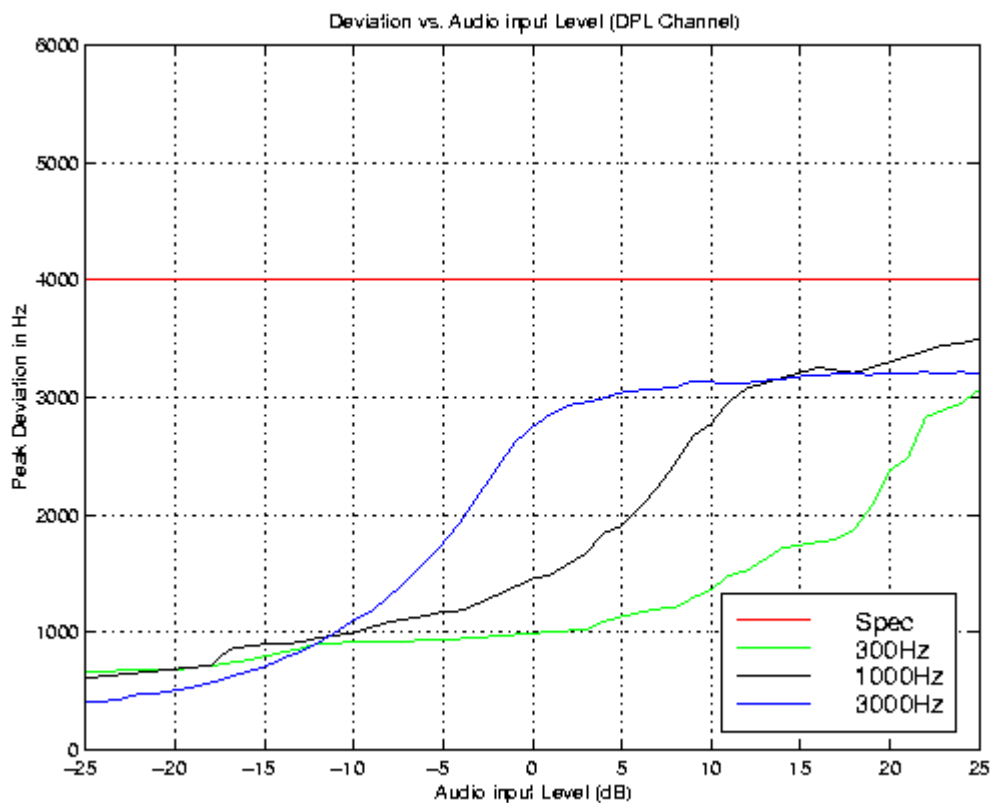
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



**TEST REPORT**

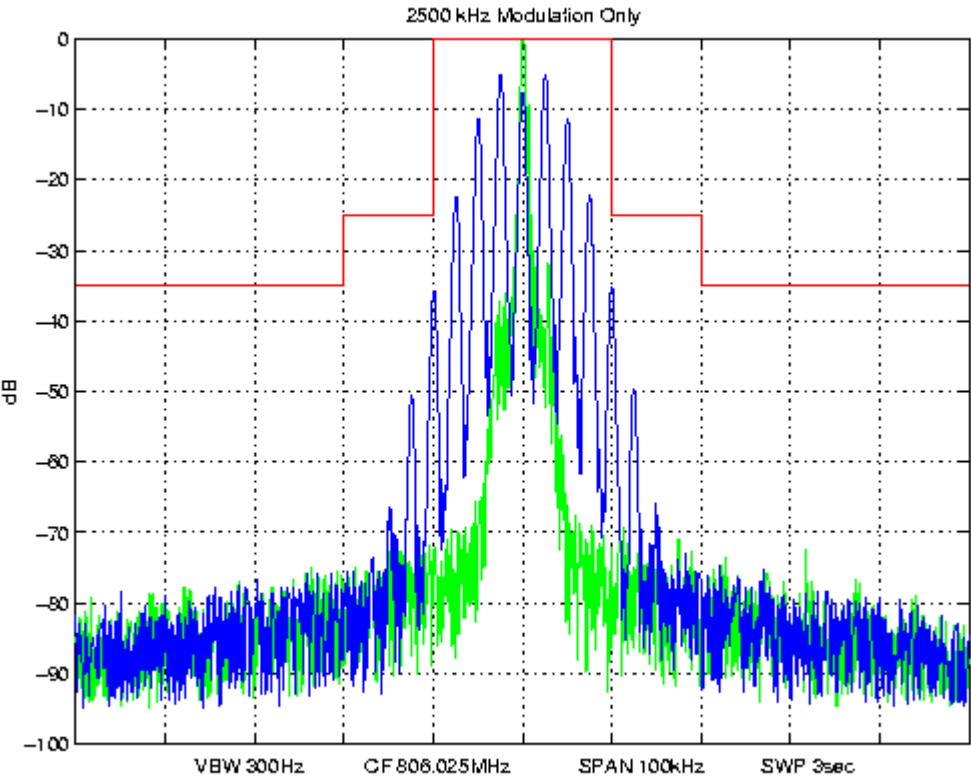
OCCUPIED BANDWIDTH  
( 2500 HZ AUDIO MODULATION ONLY)

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature    Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 25KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**

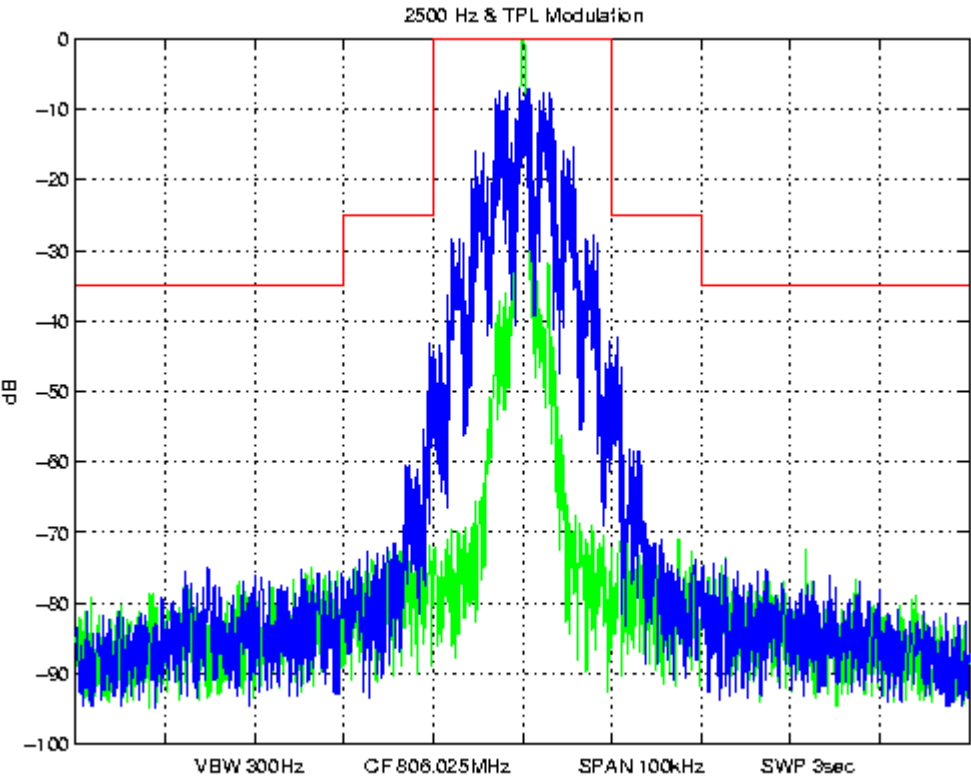
OCCUPIED BANDWIDTH  
( 2500 HZ AUDIO & PL TONE MODULATION)

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature    Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 25KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

TEST REPORT

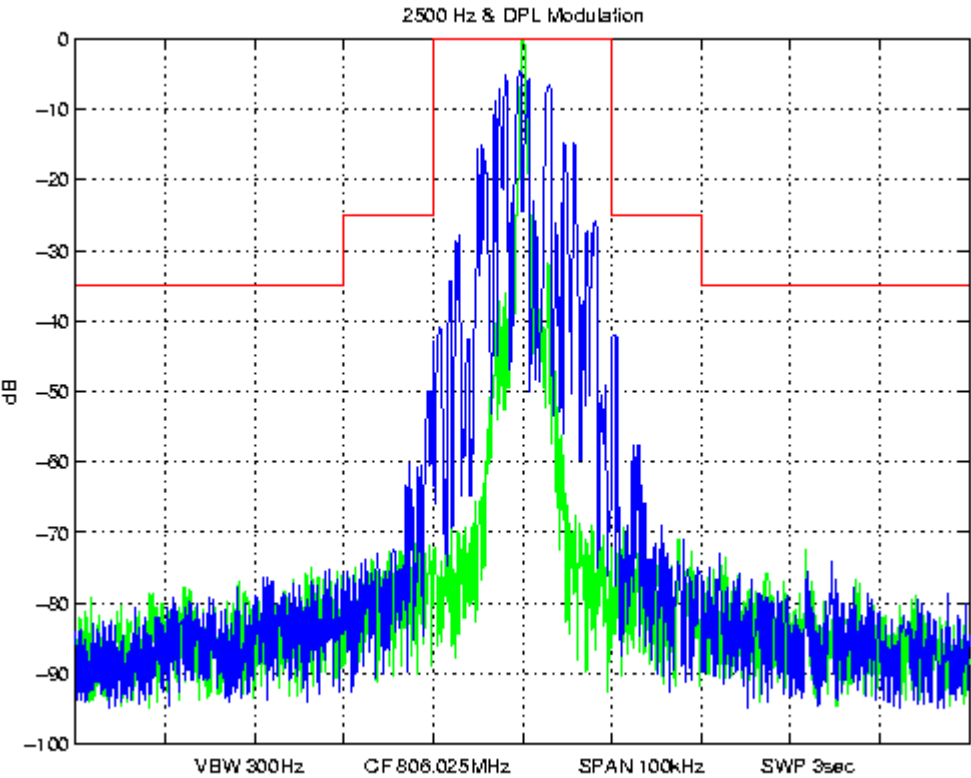
OCCUPIED BANDWIDTH  
( 2500 HZ AUDIO & DPL TONE MODULATION )

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature    Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 25KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

Note: Emission Mask B

**TEST REPORT**

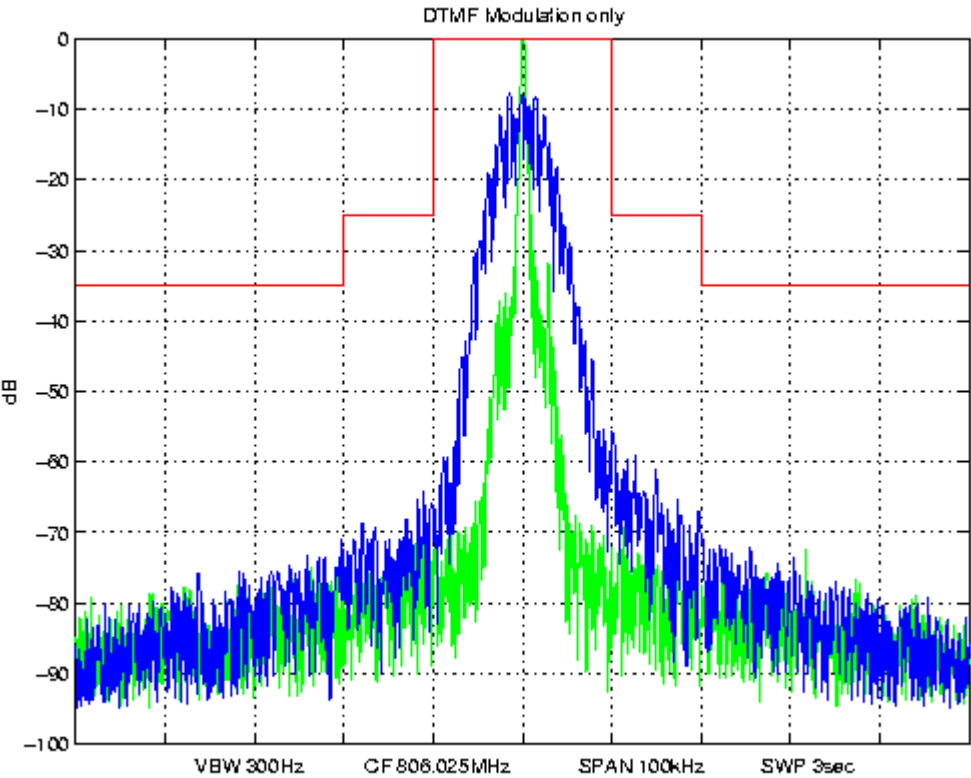
OCCUPIED BANDWIDTH  
( DTMF MODULATION ONLY)

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature    Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 25KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**OCCUPIED BANDWIDTH  
( DTMF MODULATION & PL TONE MODULATION)

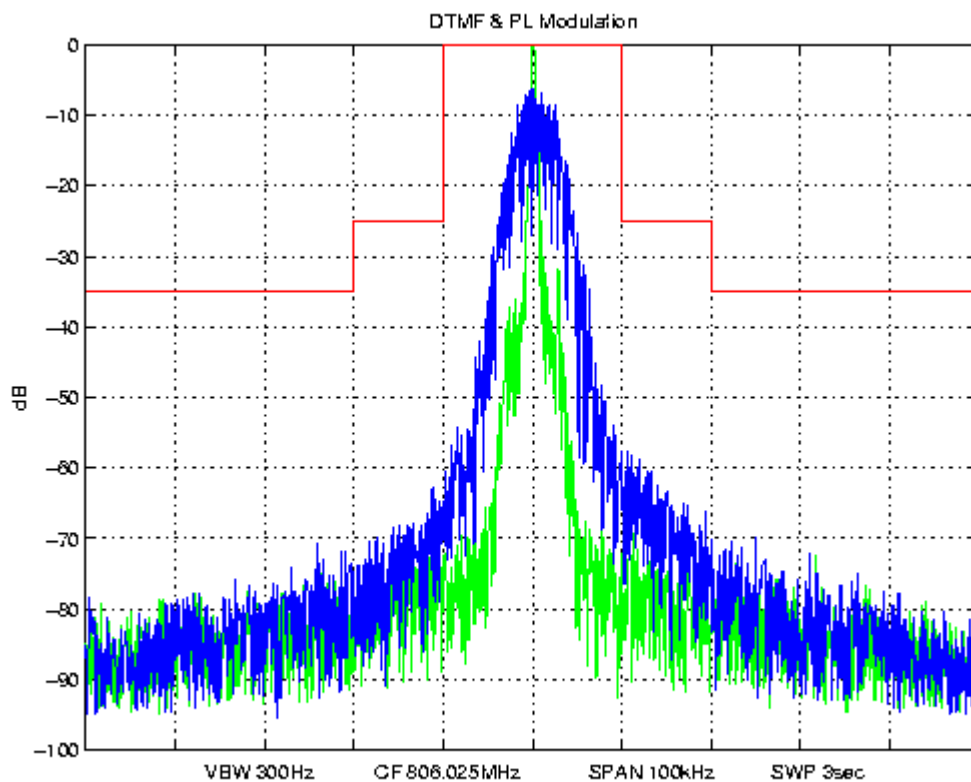
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**

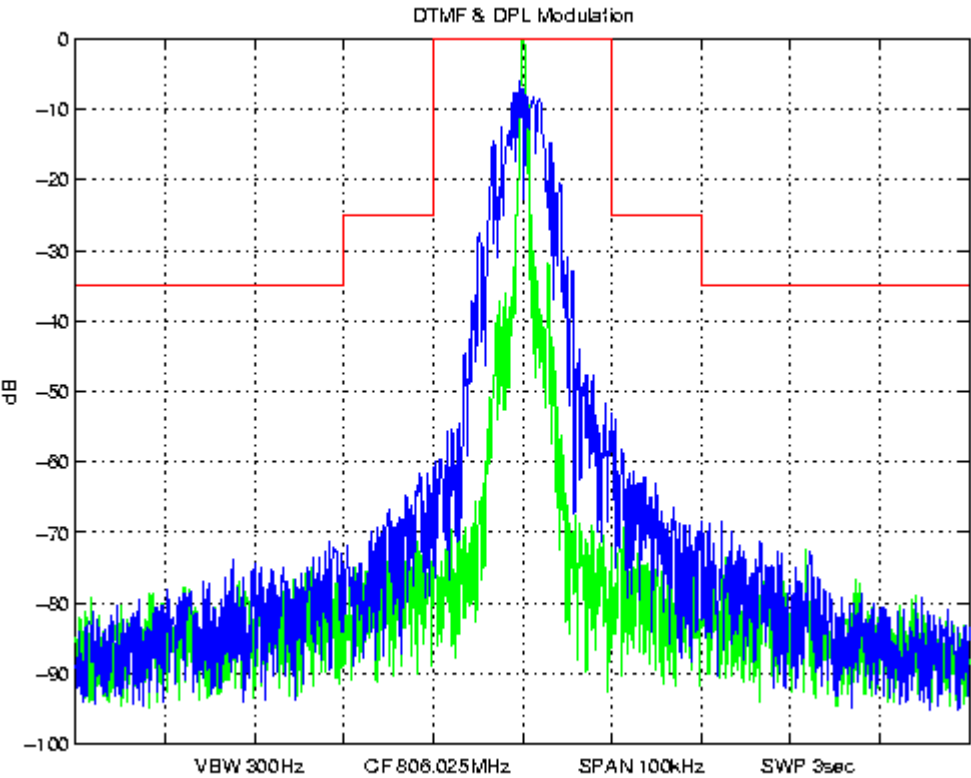
OCCUPIED BANDWIDTH  
( DTMF MODULATION & DPL TONE MODULATION )

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature    Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 25KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**

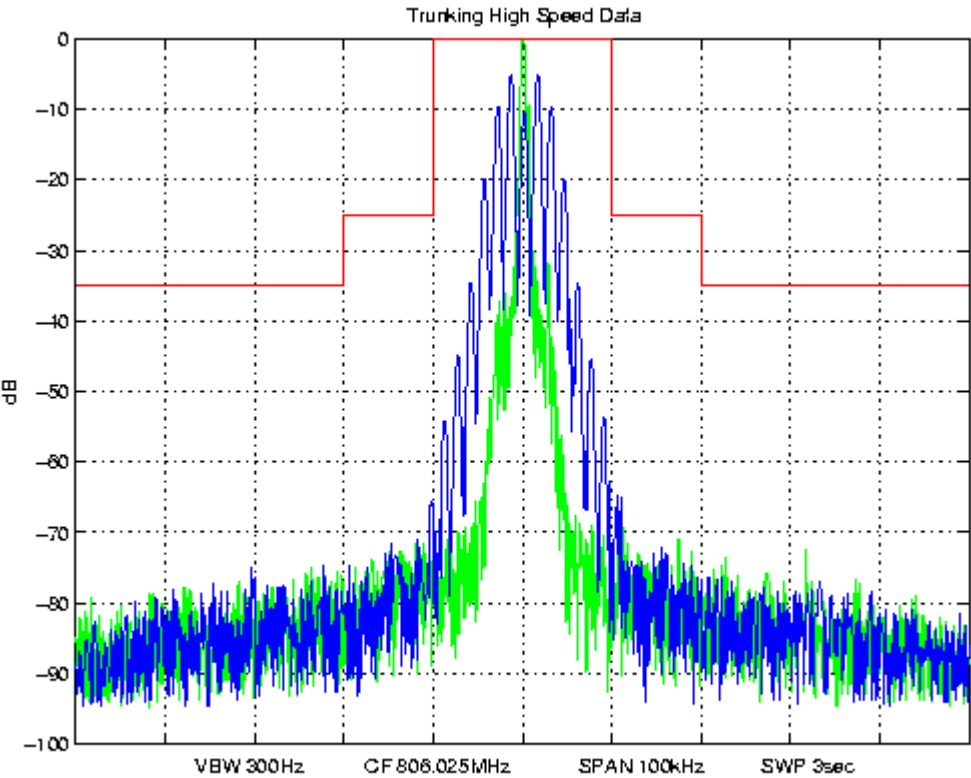
OCCUPIED BANDWIDTH  
(TRUNKING HIGH-SPEED DATA)

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature    Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 25KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**

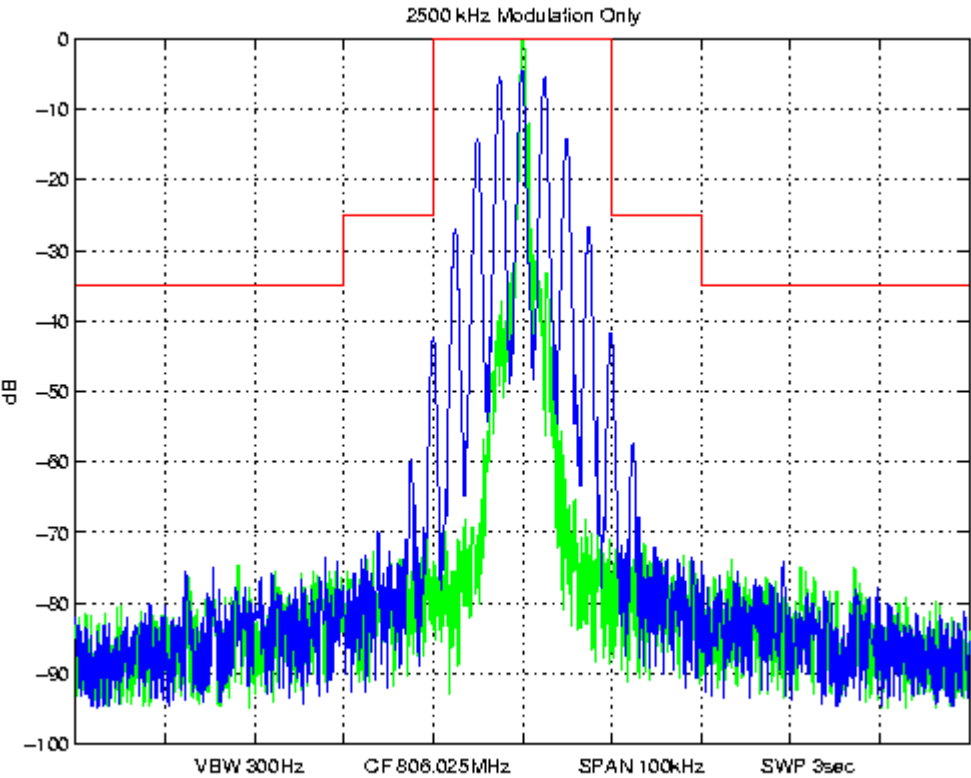
OCCUPIED BANDWIDTH  
( 2500 HZ AUDIO MODULATION ONLY)

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature    Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 20KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**

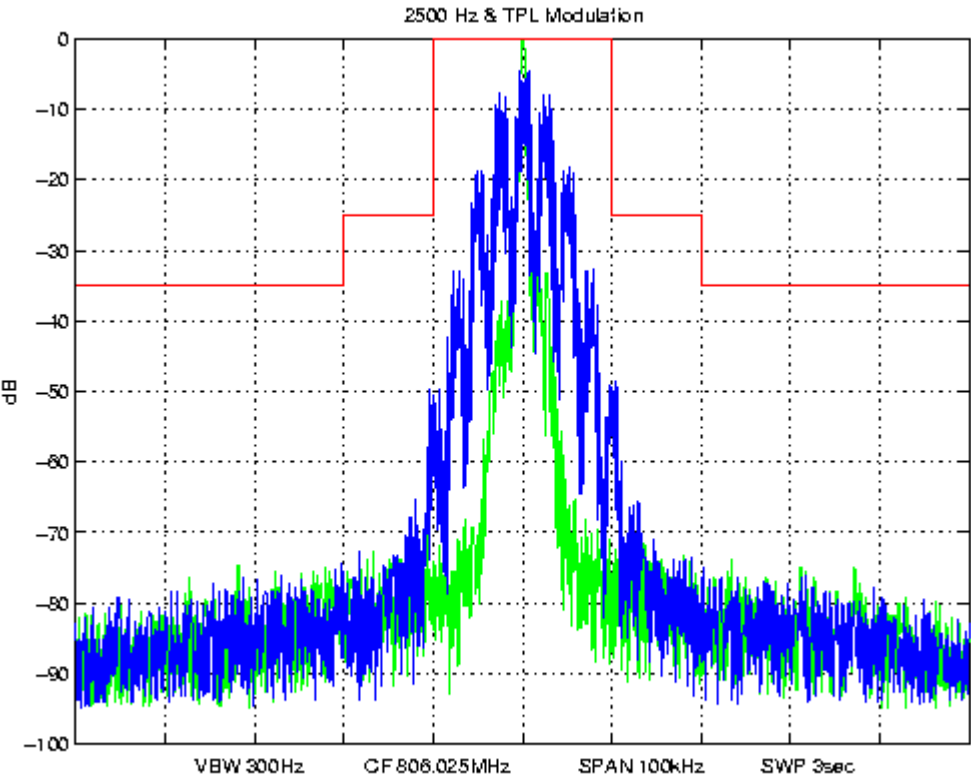
OCCUPIED BANDWIDTH  
(2500 HZ AUDIO & PL TONE MODULATION)

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature   Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 20KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**OCCUPIED BANDWIDTH  
(2500 HZ AUDIO & DPL TONE MODULATION )

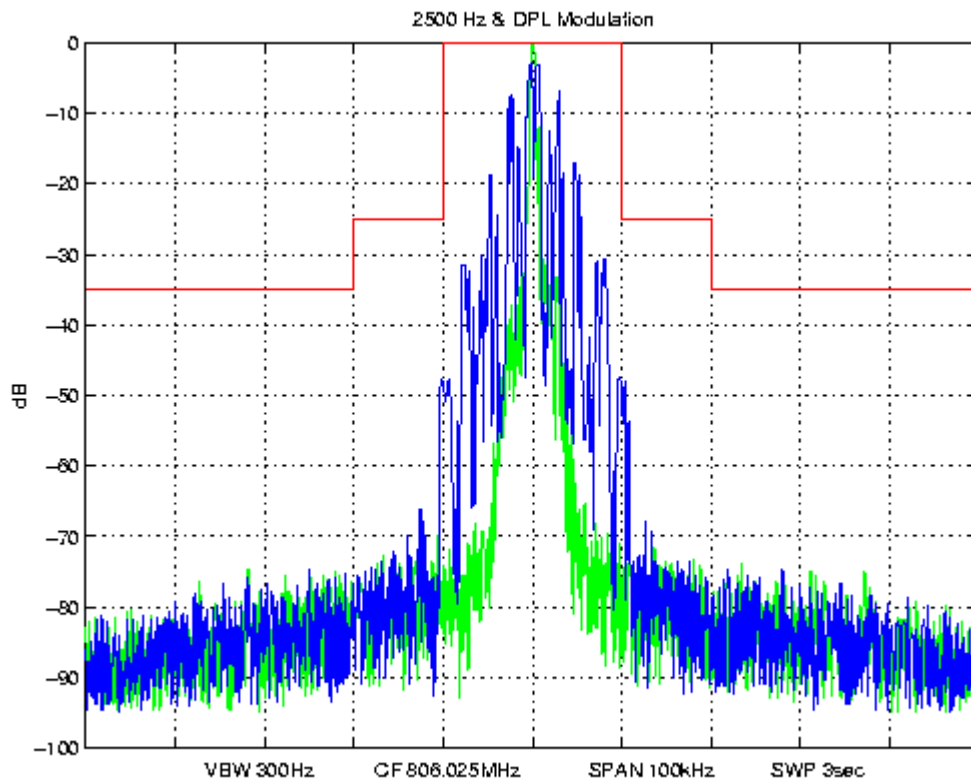
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**

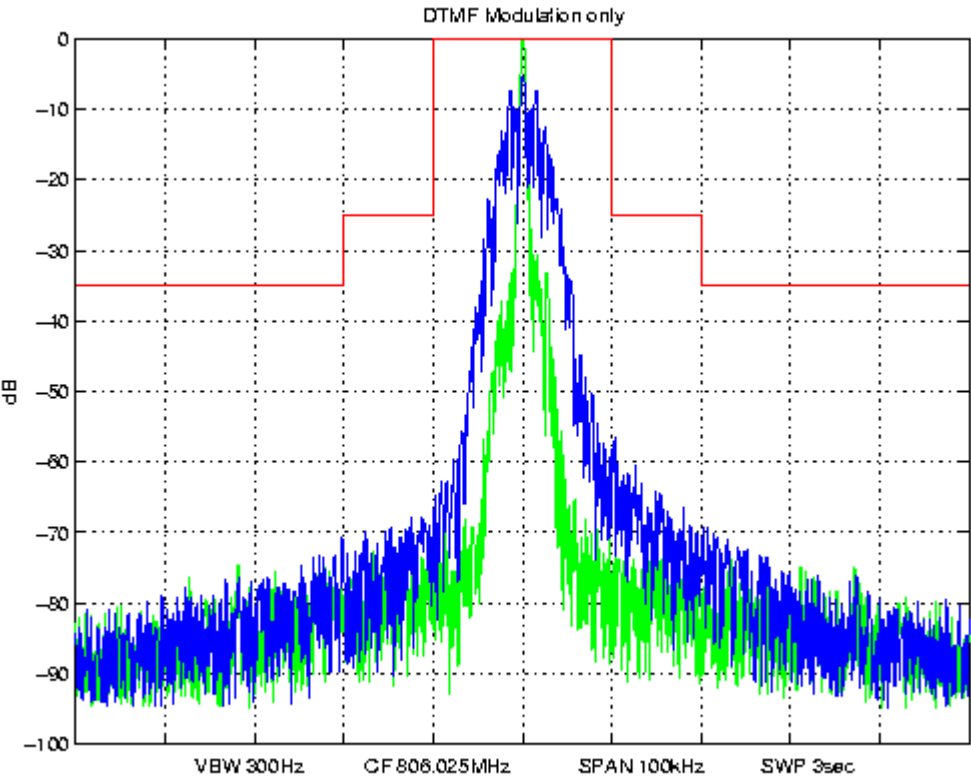
OCCUPIED BANDWIDTH  
(DTMF MODULATION ONLY)

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature    Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 20KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**OCCUPIED BANDWIDTH  
( DTMF MODULATION & PL TONE MODULATION)

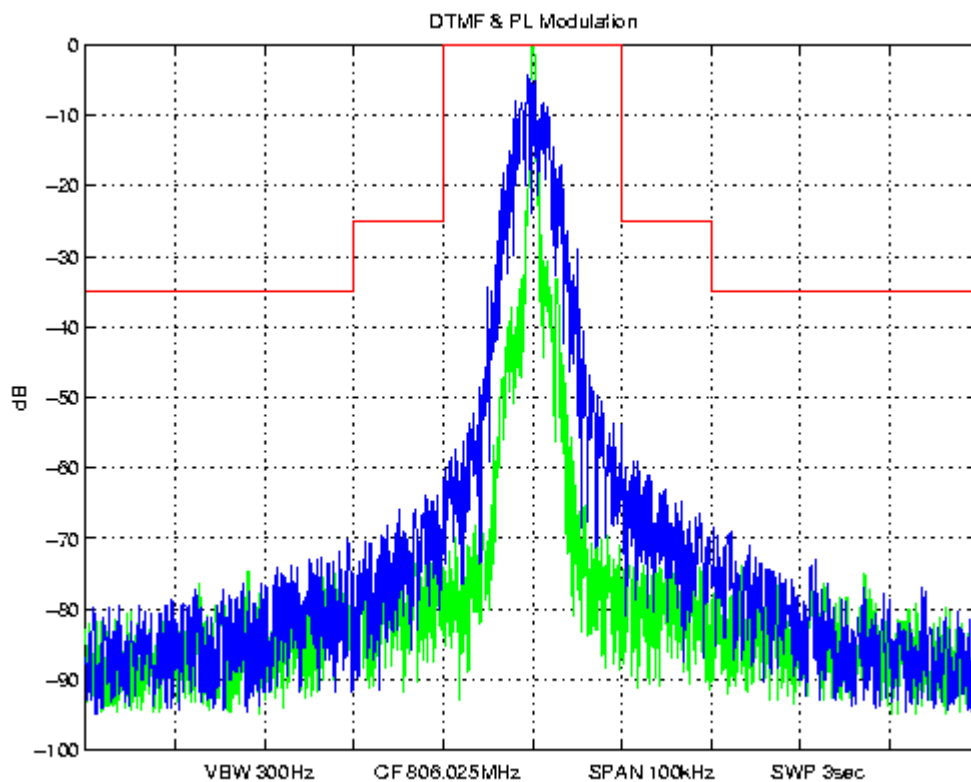
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**

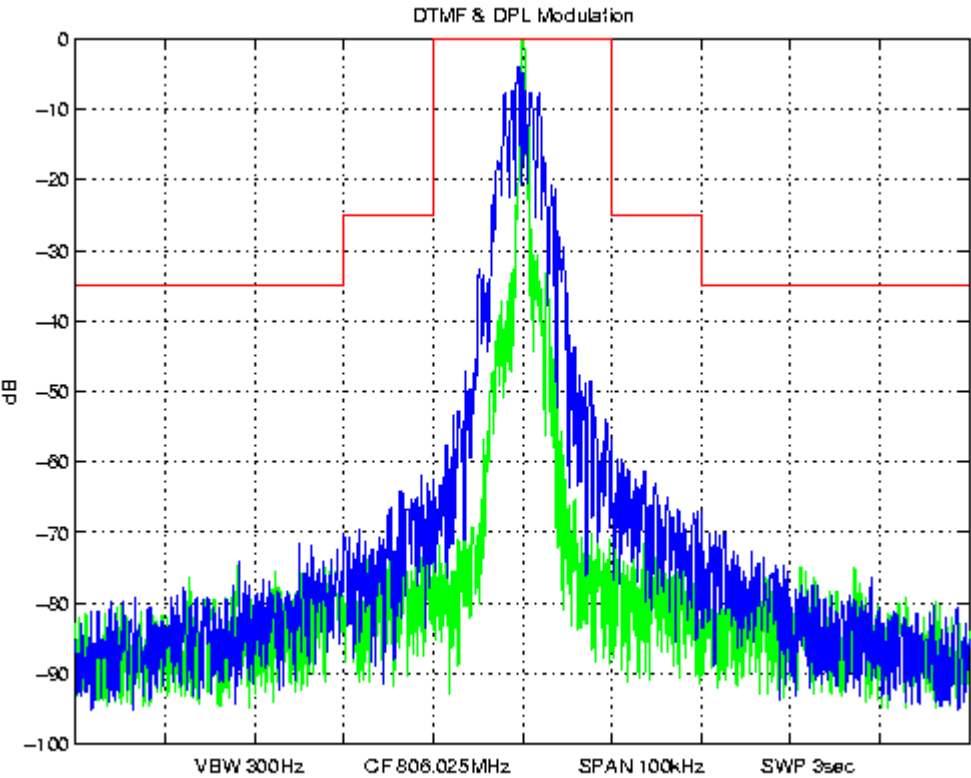
OCCUPIED BANDWIDTH  
( DTMF MODULATION & DPL TONE MODULATION )

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature    Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 20KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT**

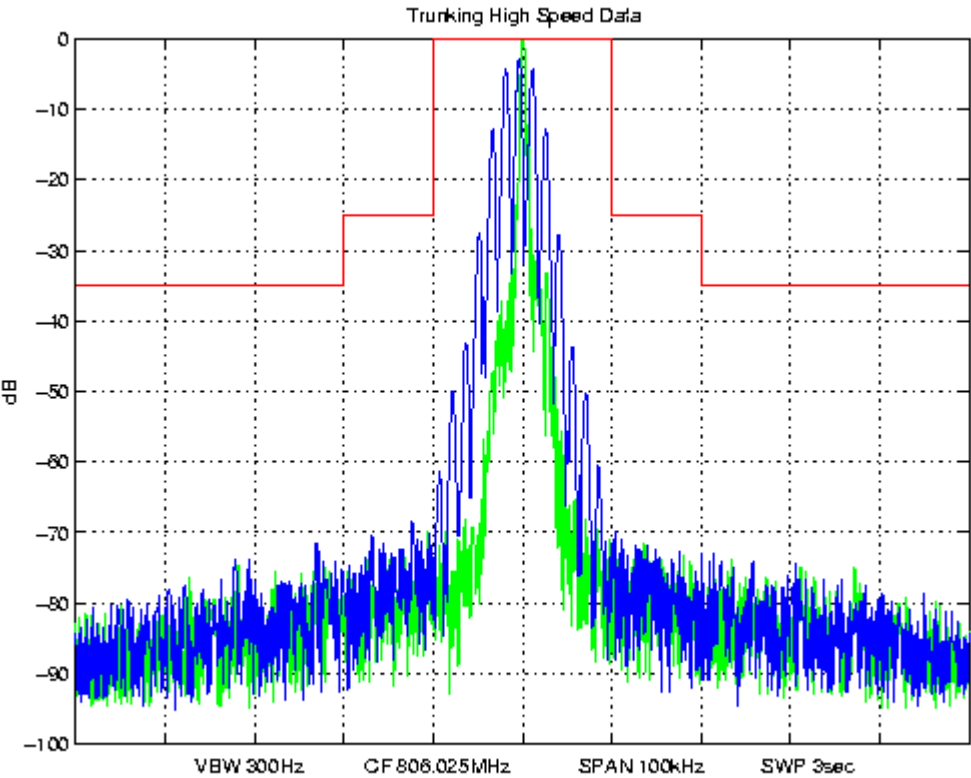
OCCUPIED BANDWIDTH  
(TRUNKING HIGH SPEED DATA)

Xmtr Type   AZ489FT5798

Date           Dec 21, 1999

Signature   Hugh Phillips

Frequency: 806.025 MHz  
Channel Spacing: 20KHz



|                      |           |
|----------------------|-----------|
| RESOLUTION BANDWIDTH | 300 Hz    |
| VIDEO BANDWIDTH      | 300 Hz    |
| SCALE                | 10 dB/div |
| ATTENUATION          | 20 dB     |
| SWEEP TIME           | 3 sec     |

**Note: Emission Mask B**

**TEST REPORT****RADIATED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

=====

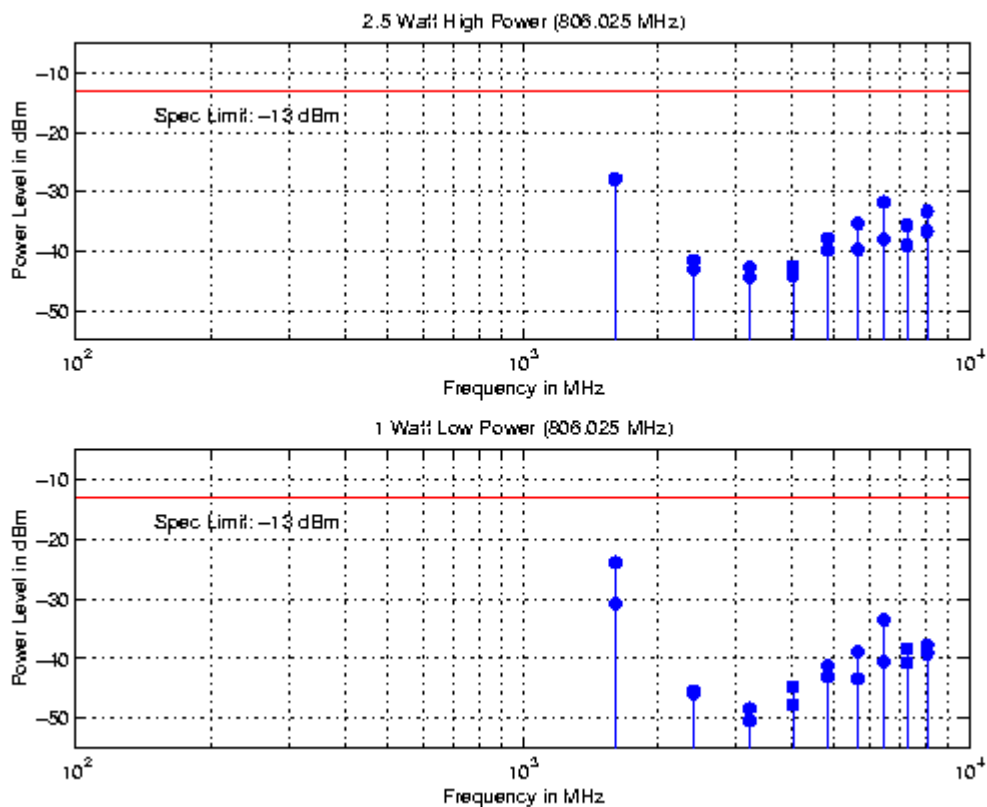
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 806.025 MHz

Channel Spacing: 25KHz



Note: Other emissions not reported were more than 30dB below the limit  
Measurements for Vertical and Horizontal polarizations shown

**TEST REPORT****RADIATED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

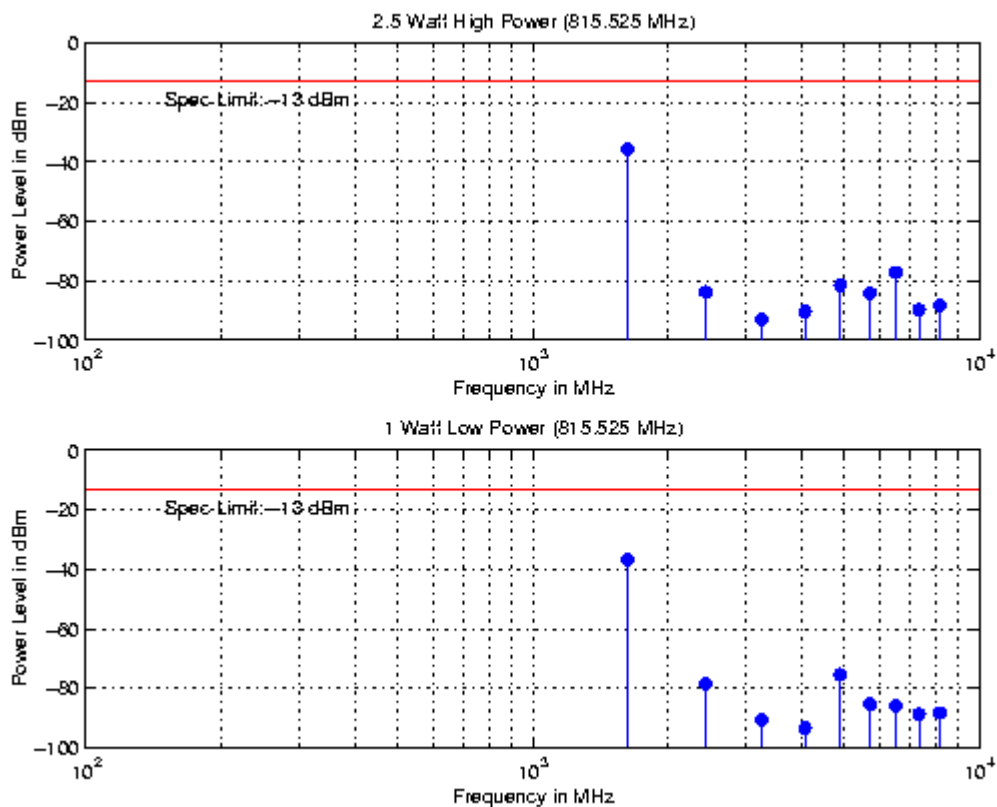
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 815.525 MHz

Channel Spacing: 25KHz



Note: Other emissions not reported were more than 30dB below the limit  
Measurements for Vertical and Horizontal polarizations shown

**TEST REPORT****RADIATED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

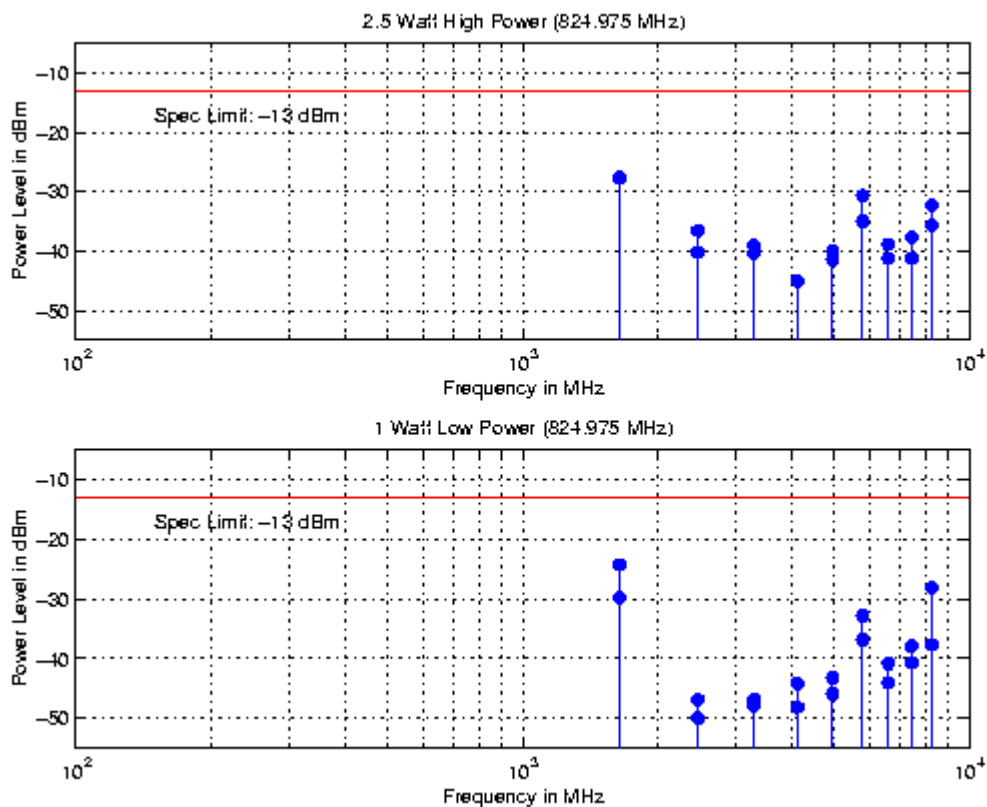
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 824.975 MHz

Channel Spacing: 25KHz



Note: Other emissions not reported were more than 30dB below the limit  
Measurements for Vertical and Horizontal polarizations shown

**TEST REPORT****RADIATED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

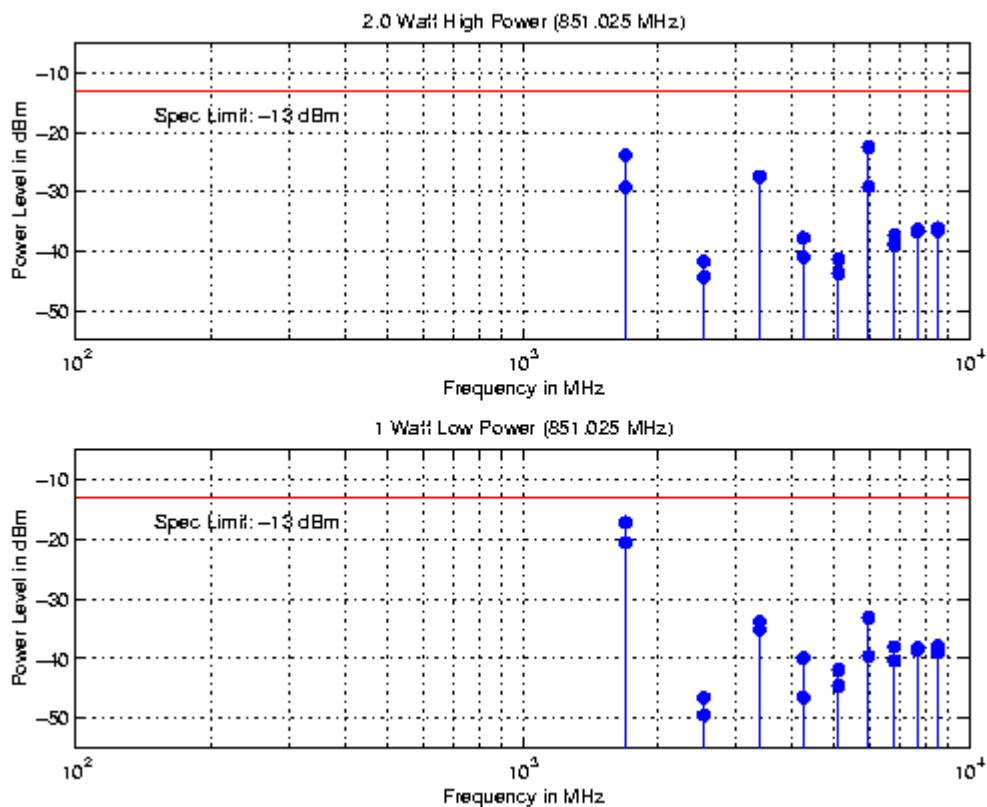
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 851.025MHz

Channel Spacing: 25KHz



Note: Other emissions not reported were more than 30dB below the limit  
Measurements for Vertical and Horizontal polarizations shown

**TEST REPORT****RADIATED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

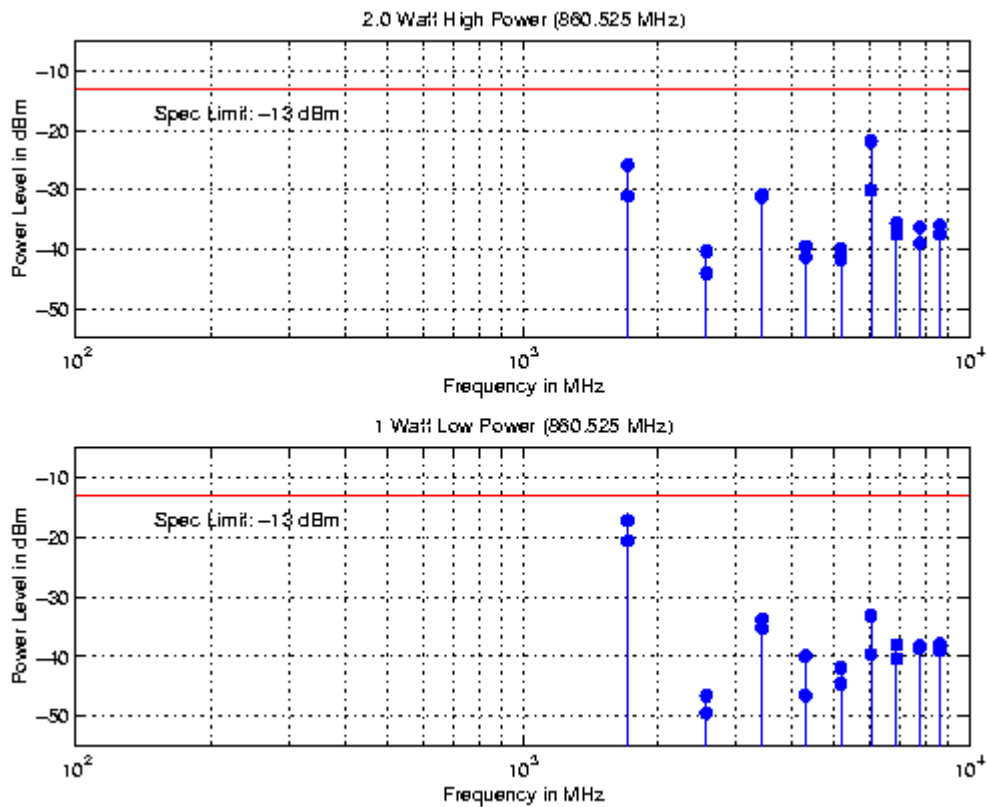
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 860.525 MHz

Channel Spacing: 25KHz



Note: Other emissions not reported were more than 30dB below the limit  
Measurements for Vertical and Horizontal polarizations shown

**TEST REPORT****RADIATED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

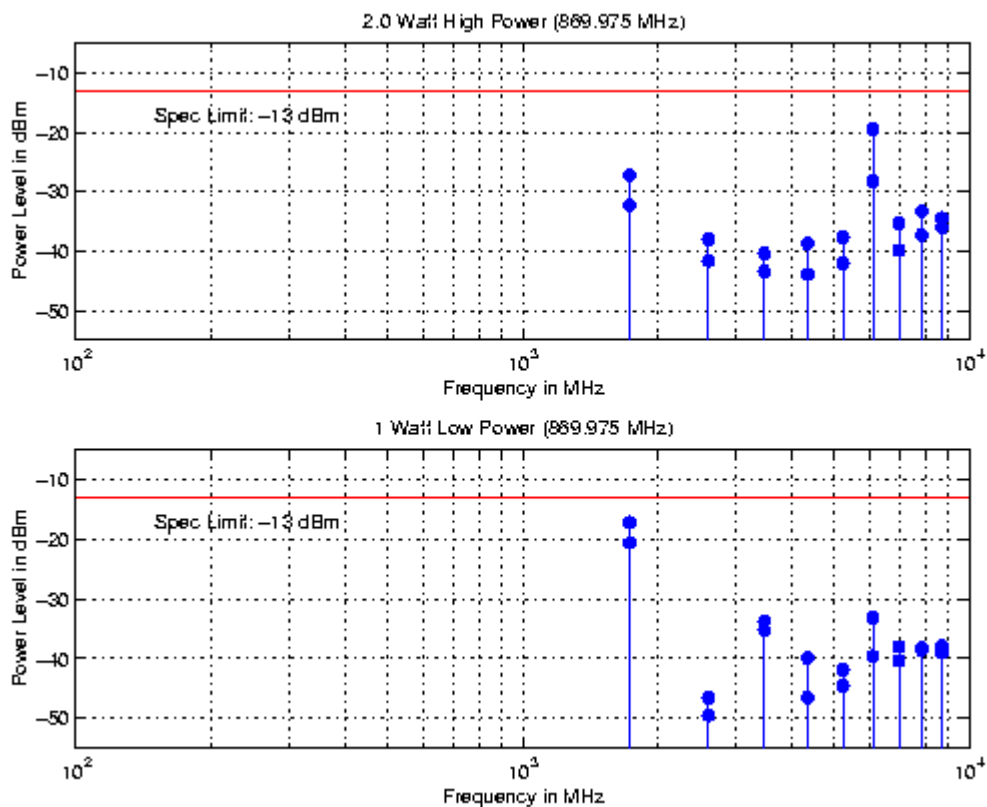
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 869.975 MHz

Channel Spacing: 25KHz



Note: Other emissions not reported were more than 30dB below the limit  
Measurements for Vertical and Horizontal polarizations shown.

**TEST REPORT****CONDUCTED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

=====

Xmtr Type AZ489FT5798

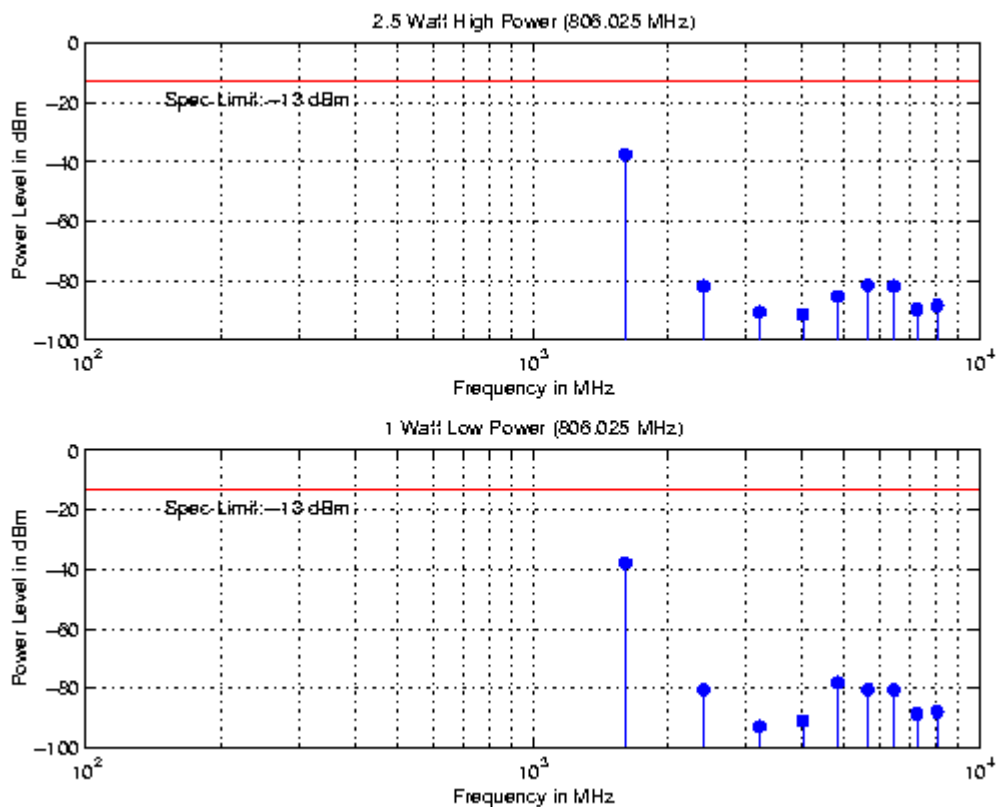
Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 806.025 MHz

Channel Spacing: 25KHz

=====



**TEST REPORT****CONDUCTED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

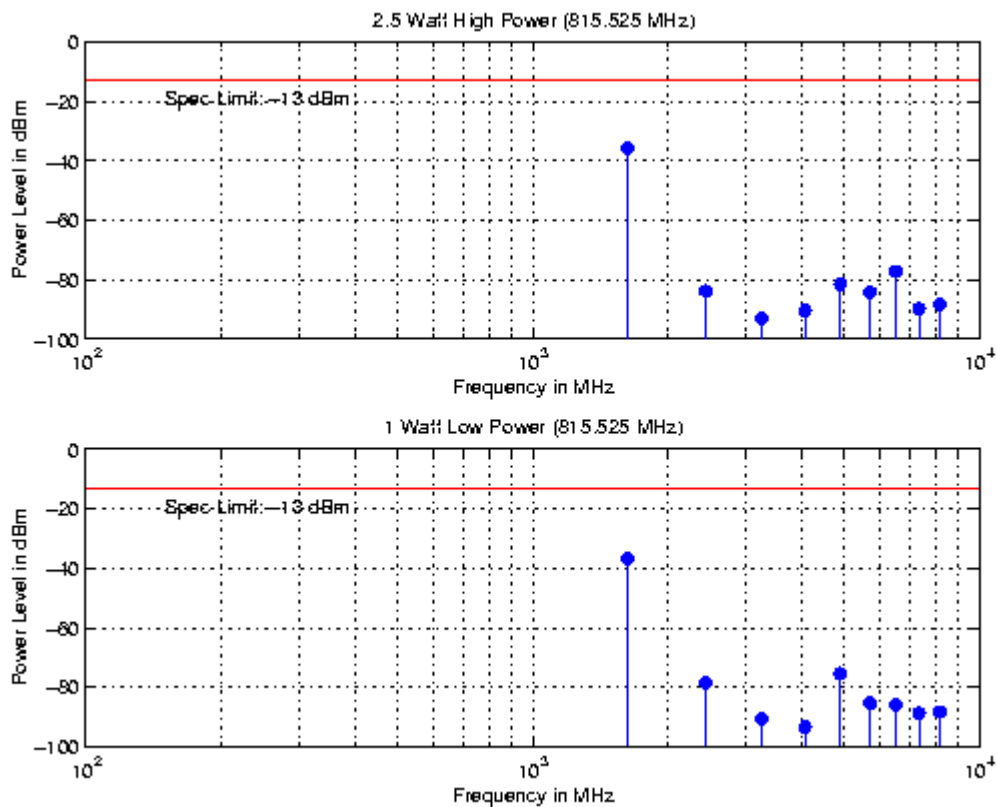
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 815.525 MHz

Channel Spacing: 25KHz



**TEST REPORT****CONDUCTED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

=====

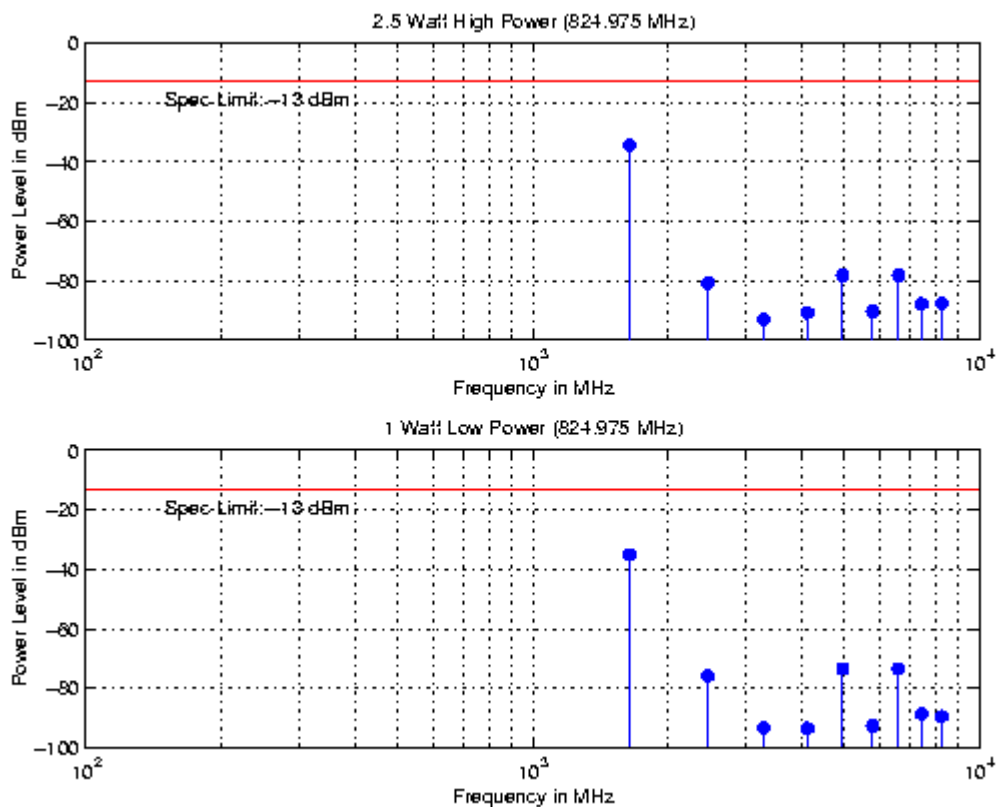
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Hugh Phillips

Frequency: 824.975 MHz

Channel Spacing: 25 KHz



**TEST REPORT****CONDUCTED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

=====

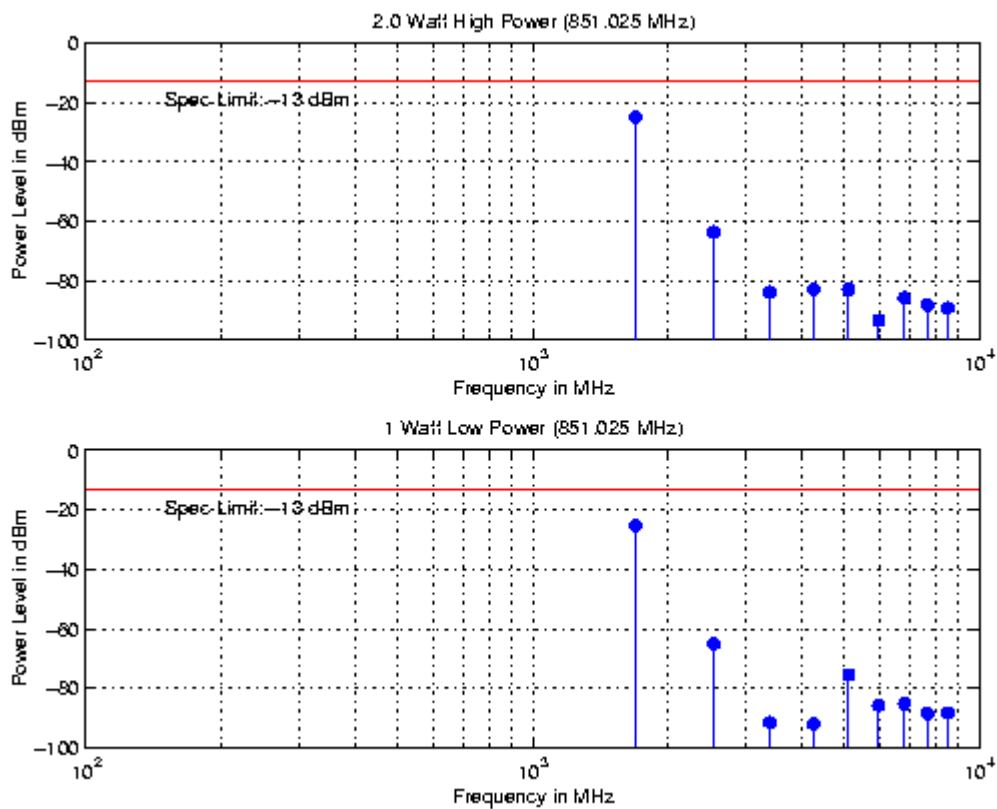
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 851.025MHz

Channel Spacing: 25KHz



**TEST REPORT****CONDUCTED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

=====

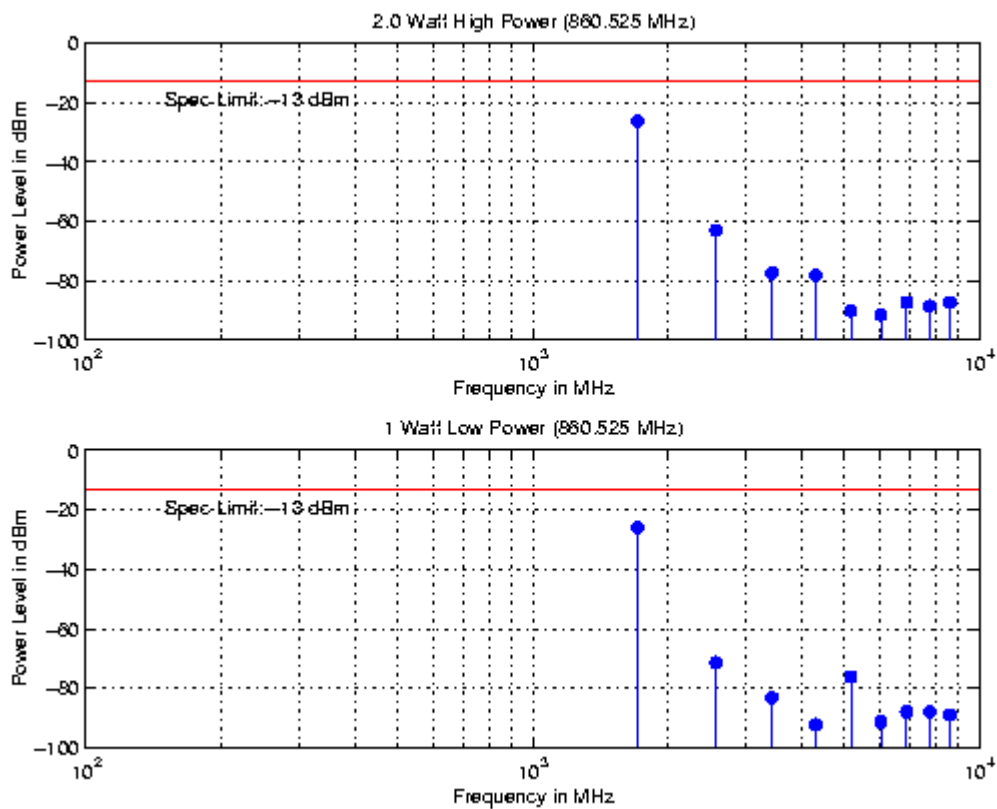
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 860.525 MHz

Channel Spacing: 25KHz



**TEST REPORT****CONDUCTED SPURIOUS EMISSIONS DATA  
TRANSMITTER**

=====

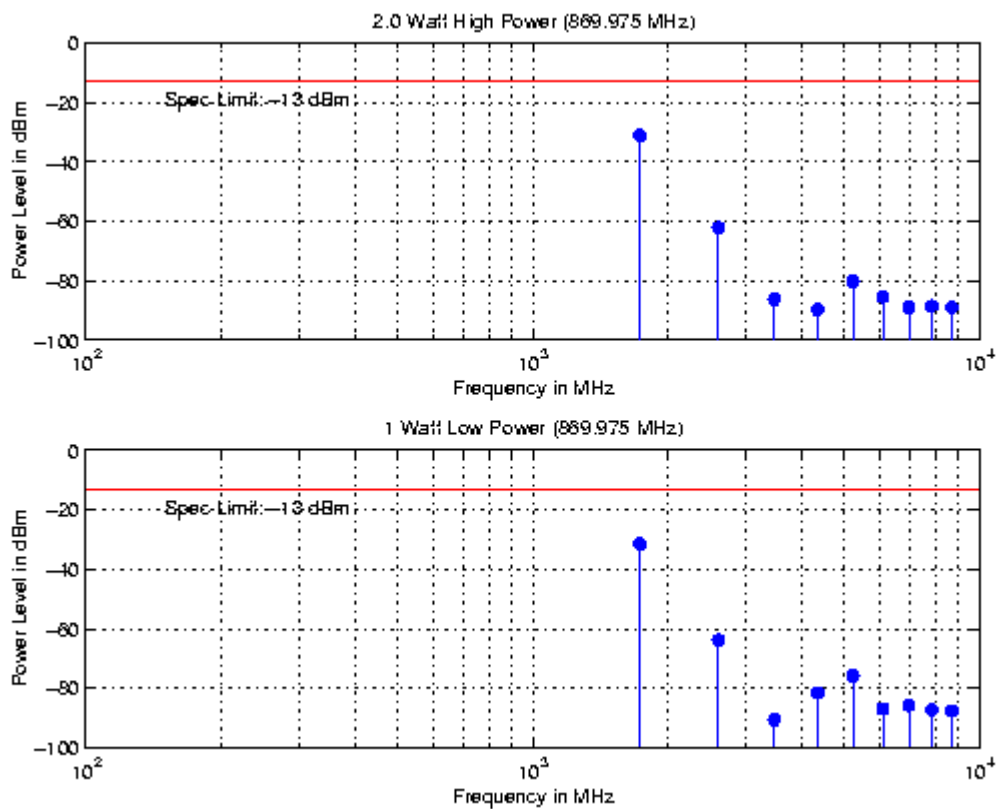
Xmtr Type AZ489FT5798

Date Mar. 1, 2000

Signature Jim Kenning

Frequency: 869.975 MHz

Channel Spacing: 25KHz



**TEST REPORT**CRYSTAL OSCILLATOR STABILITY CHARACTERISTIC  
FREQUENCY vs. TEMPERATURE

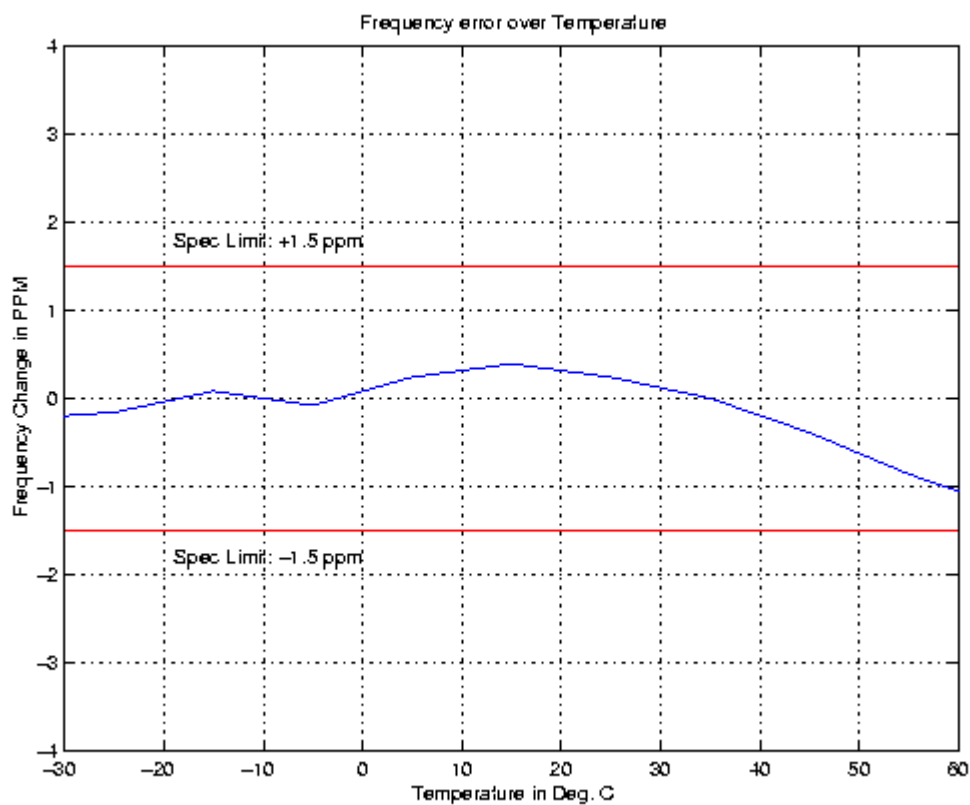
Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



**TEST REPORT**STABILITY CHARACTERISTIC  
FREQUENCY vs. VOLTAGE

Xmtr Type AZ489FT5798

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz

