

**TEST REPORT DATA INDEX**

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**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

<b>HIGH-POWER SETTING</b>	<b>FREQUENCY 806.025 MHz.</b>
RF Output Power :	2.75 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	1.05 AMP
DC Input Power :	7.88 WATTS
<b>HIGH-POWER SETTING</b>	<b>FREQUENCY 815.525 MHz.</b>
RF Output Power :	2.73 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	1.01 AMP
DC Input Power :	7.58 WATTS
<b>HIGH-POWER SETTING,</b>	<b>FREQUENCY 824.975 MHz.</b>
RF Output Power:	2.71 WATTS
DC Voltage:	7.5 VOLTS
DC Current:	0.96 AMP
DC Input Power:	7.20 WATTS
<b>HIGH-POWER SETTING</b>	<b>FREQUENCY 851.025MHZ.</b>
RF Output Power :	2.40 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	0.83 AMP
DC Input Power :	6.23 WATTS
<b>HIGH-POWER SETTING</b>	<b>FREQUENCY 860.525 MHz.</b>
RF Output Power :	2.41 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	0.82 AMP
DC Input Power	6.15 WATTS
<b>HIGH-POWER SETTING</b>	<b>FREQUENCY 869.975 MHz.</b>
RF Output Power:	2.45 WATTS
DC Voltage:	7.5 VOLTS
DC Current:	0.91 AMP
DC Input Power:	6.83 WATTS

### TEST REPORT

#### TRANSMITTER AUDIO RESPONSE CHARACTERISTIC MODULATION LEVEL vs. AUDIO FREQUENCY

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Xmtr Type AZ489FT5795

Date Dec 21, 1999

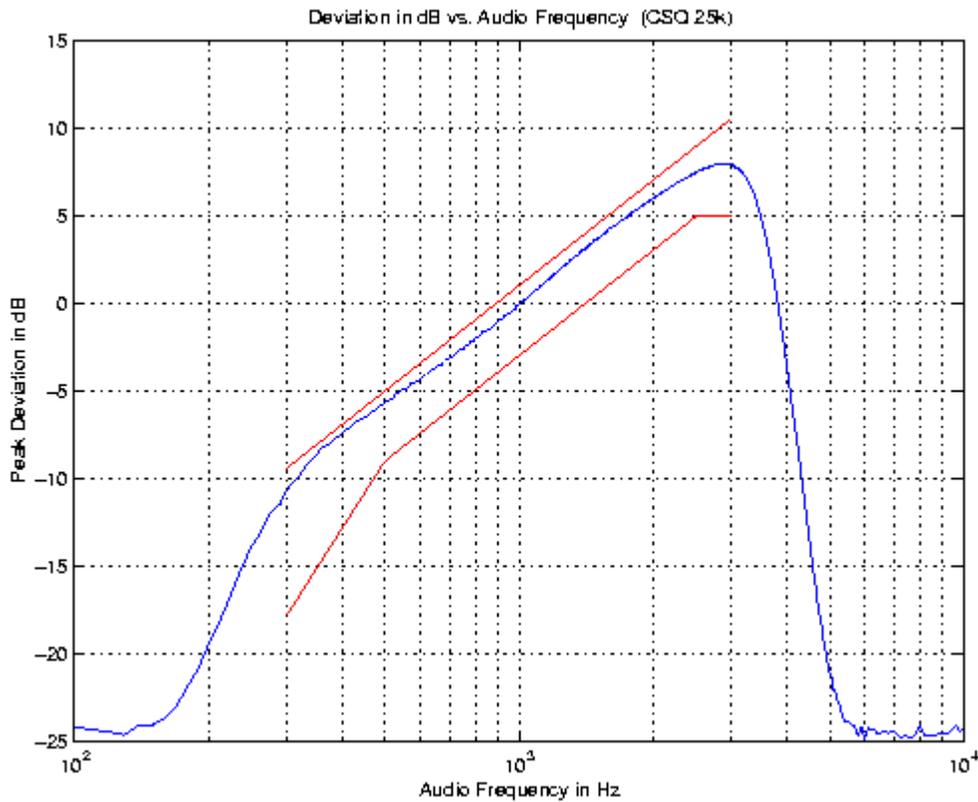
Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz

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### TEST REPORT

#### TRANSMITTER AUDIO RESPONSE CHARACTERISTIC MODULATION LEVEL vs. AUDIO FREQUENCY

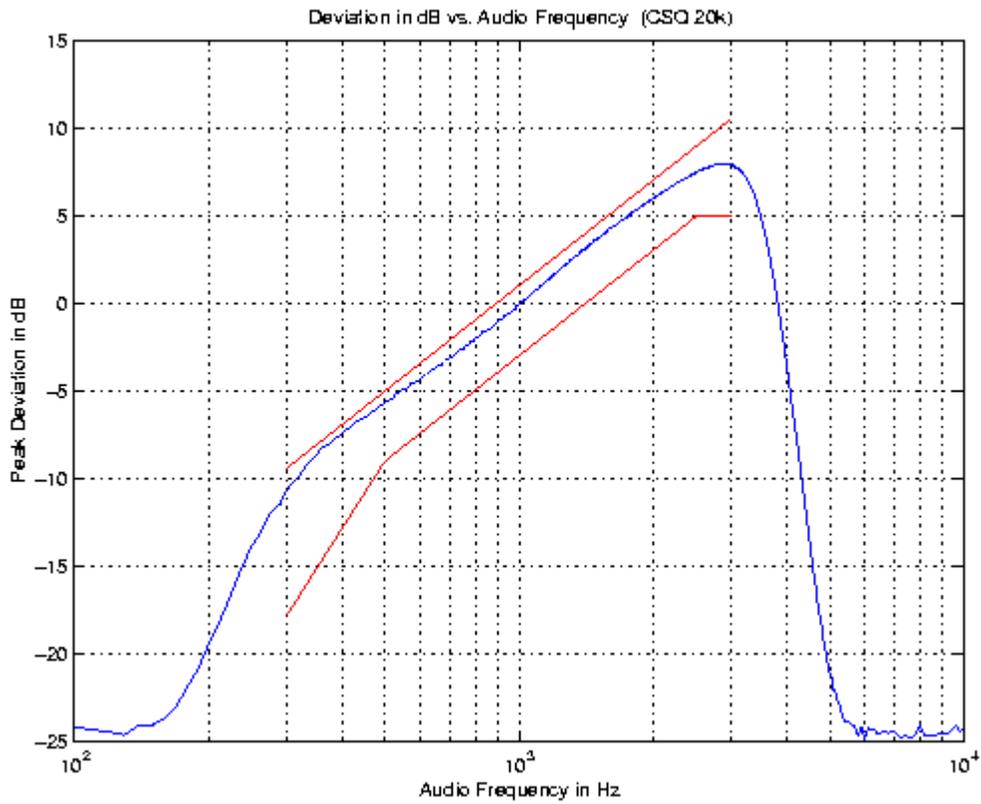
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



### TEST REPORT

#### TRANSMITTERPOST - LIMITER ROLL OFF RESPONSE FILTER OUTPUT vs. AUDIO FREQUENCY

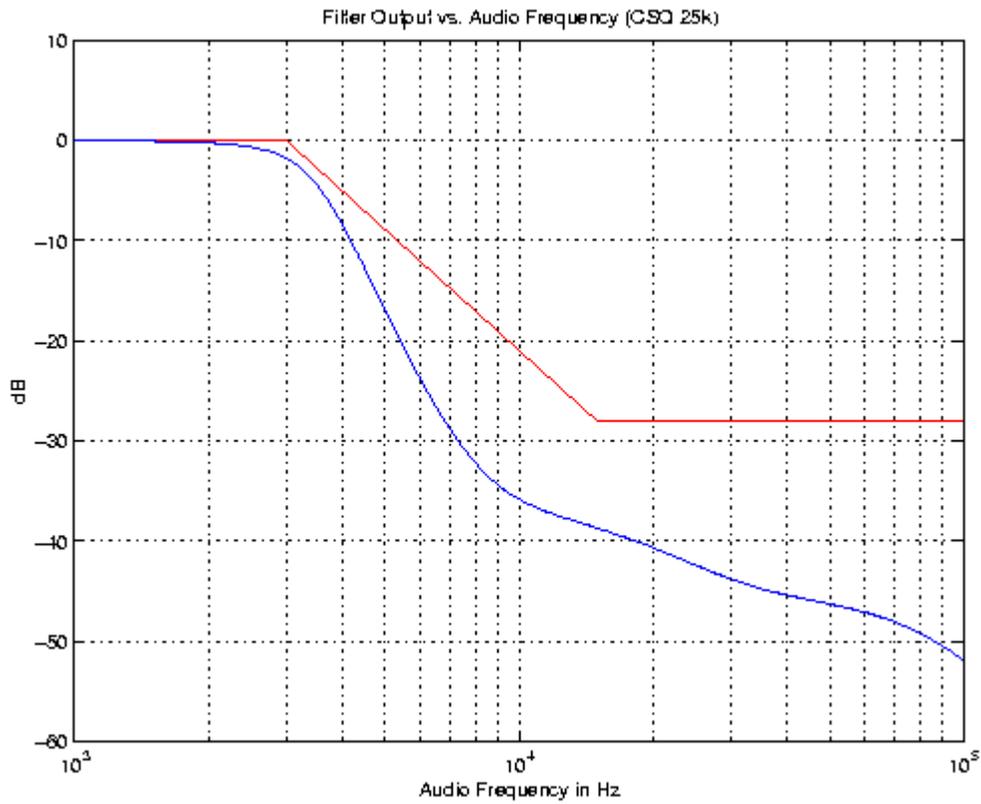
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



### TEST REPORT

#### TRANSMITTER POST - LIMITER ROLL OFF RESPONSE FILTER OUTPUT vs. AUDIO FREQUENCY

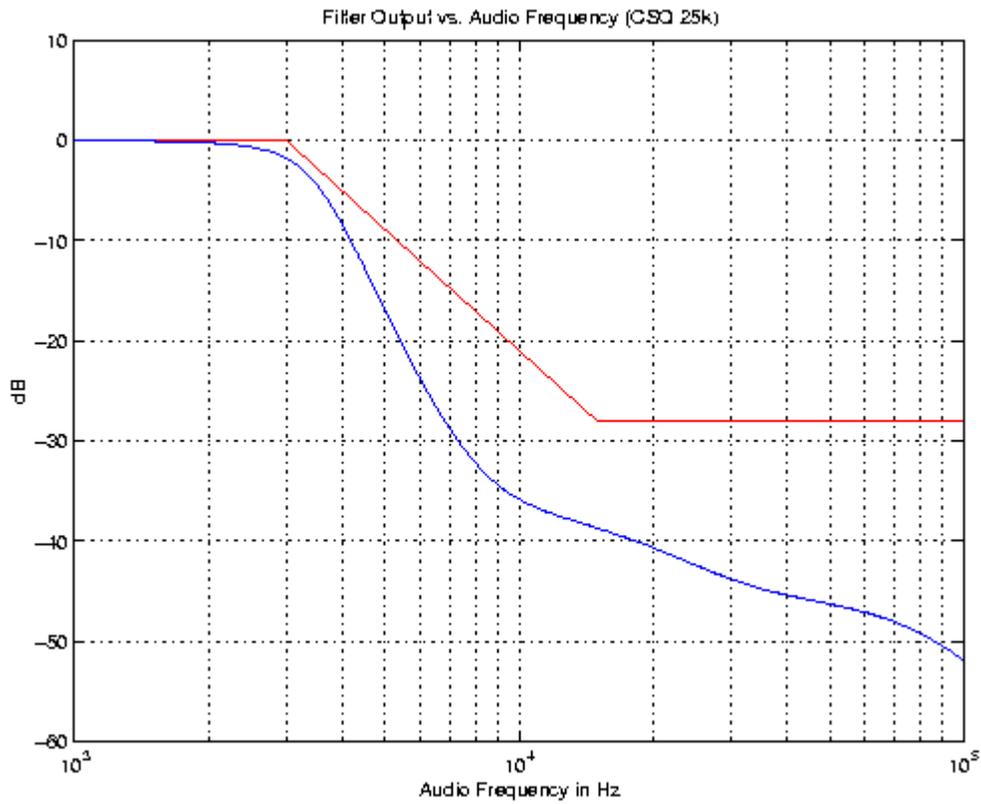
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



### TEST REPORT

#### MODULATION LIMITTING DEVIATION vs. AUDIO INPUT LEVEL (CSQ)

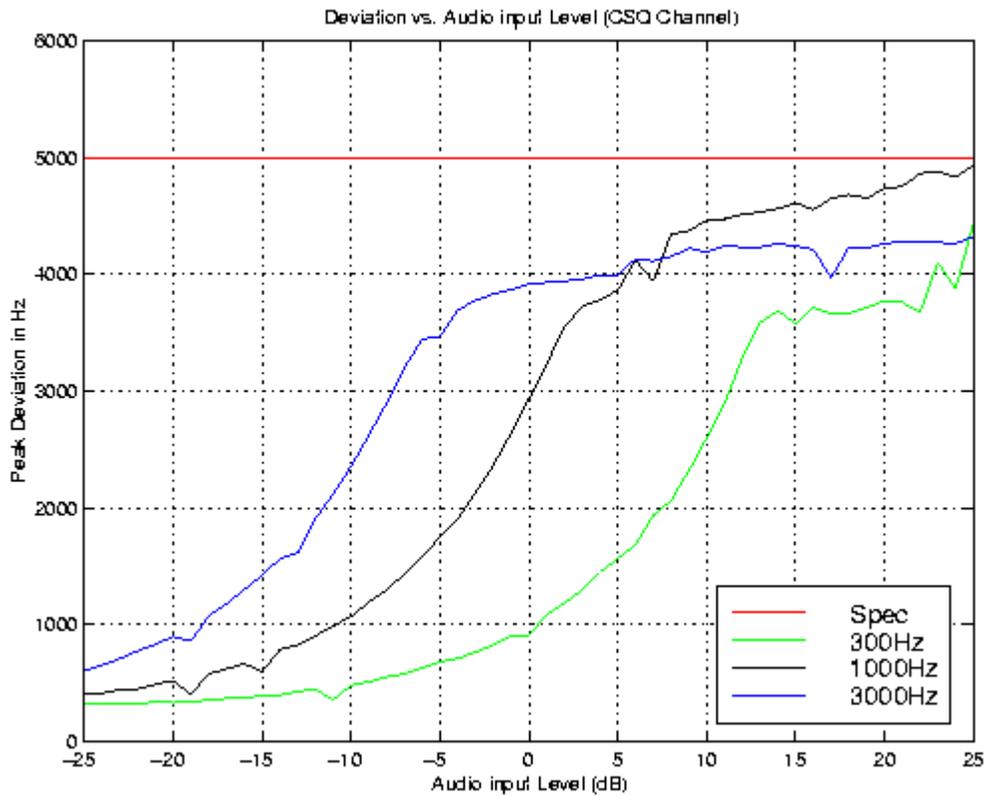
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



# TEST REPORT

## MODULATION LIMITTING DEVIATION vs. AUDIO INPUT LEVEL (TPL)

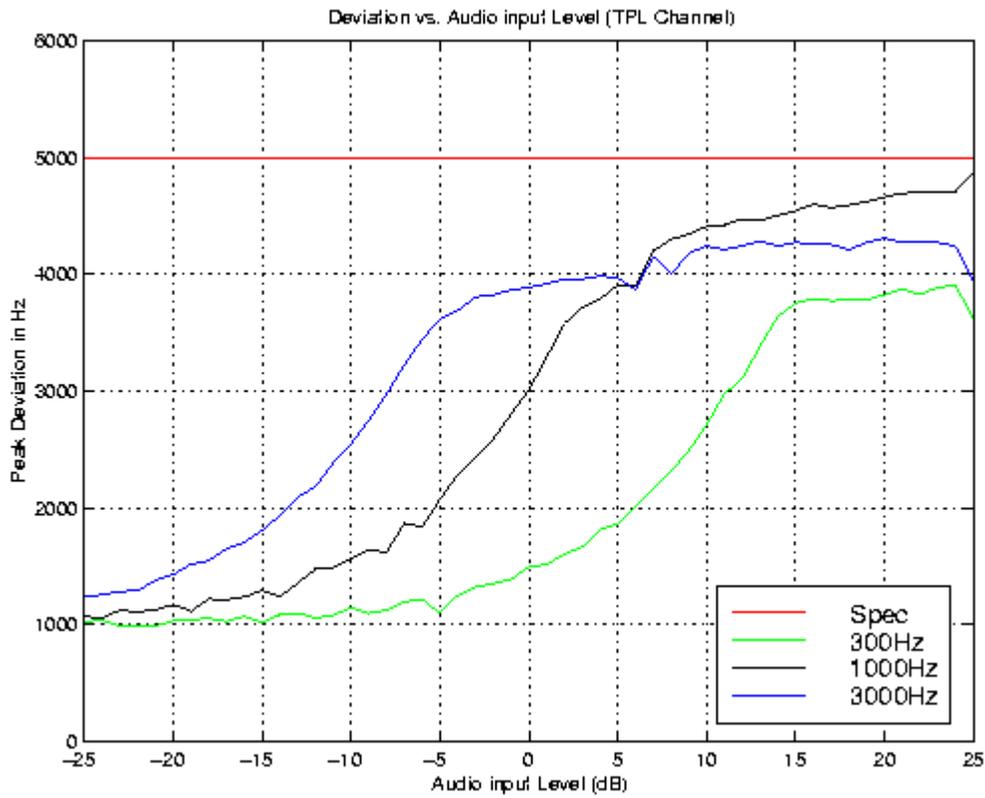
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



### TEST REPORT

#### MODULATION LIMITTING DEVIATION vs. AUDIO INPUT LEVEL (DPL)

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Xmtr Type AZ489FT5795

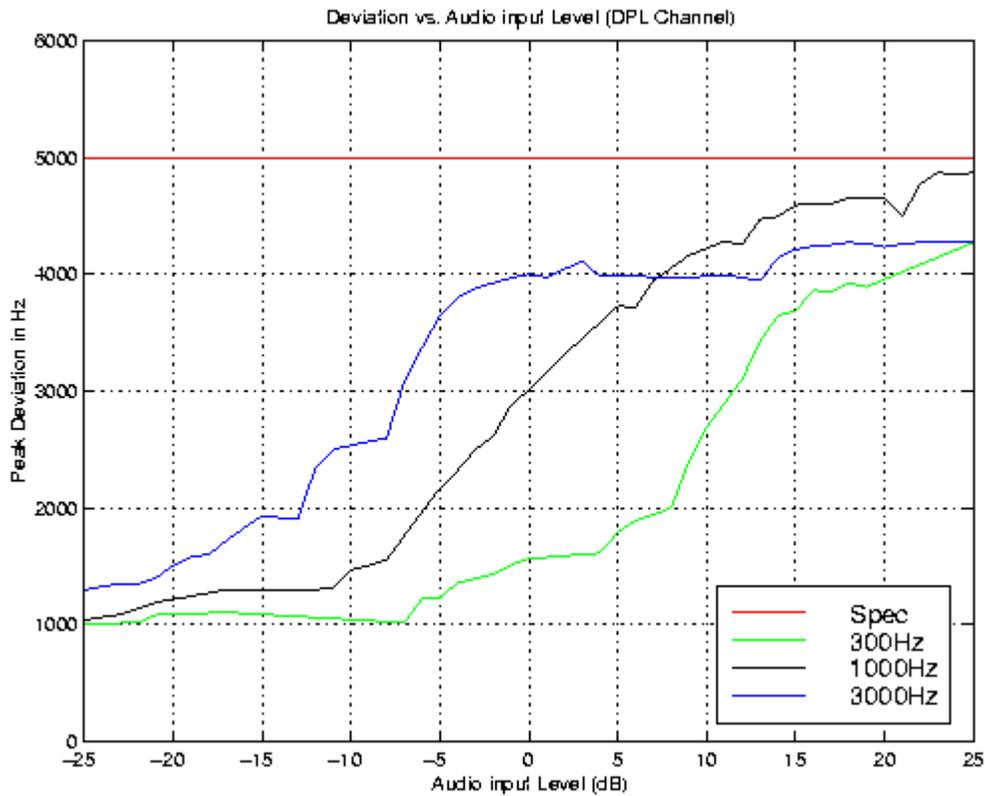
Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz

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### TEST REPORT

#### MODULATION LIMITTING DEVIATION vs. AUDIO INPUT LEVEL (CSQ)

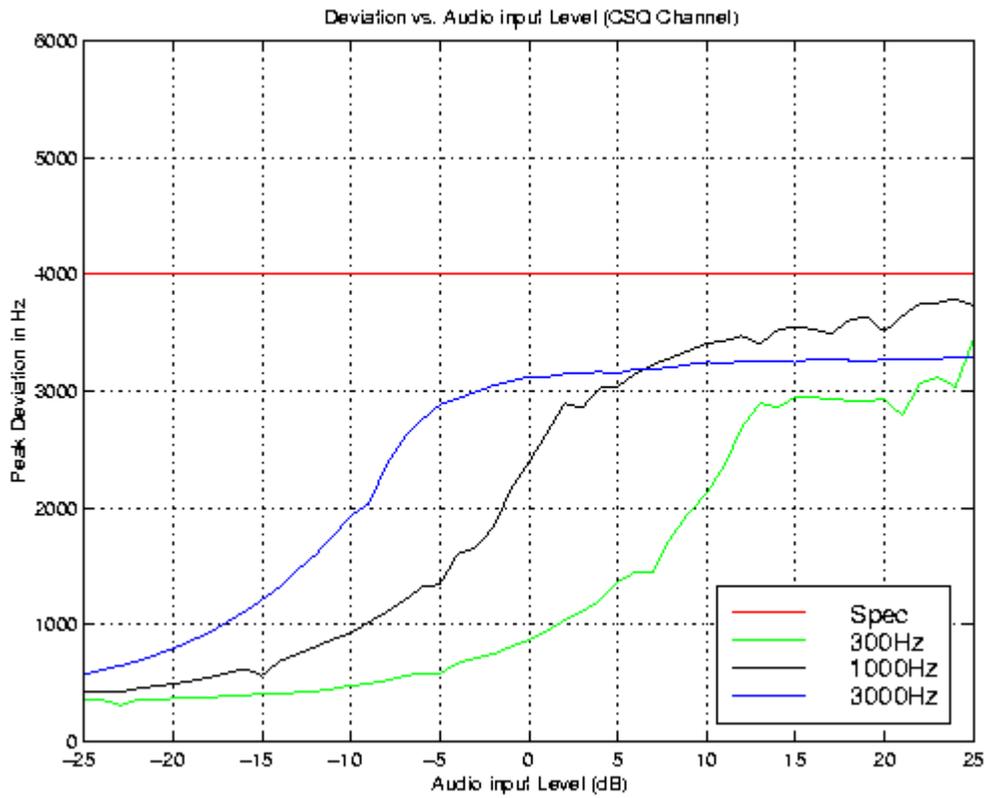
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



### TEST REPORT

#### MODULATION LIMITTING DEVIATION vs. AUDIO INPUT LEVEL (TPL)

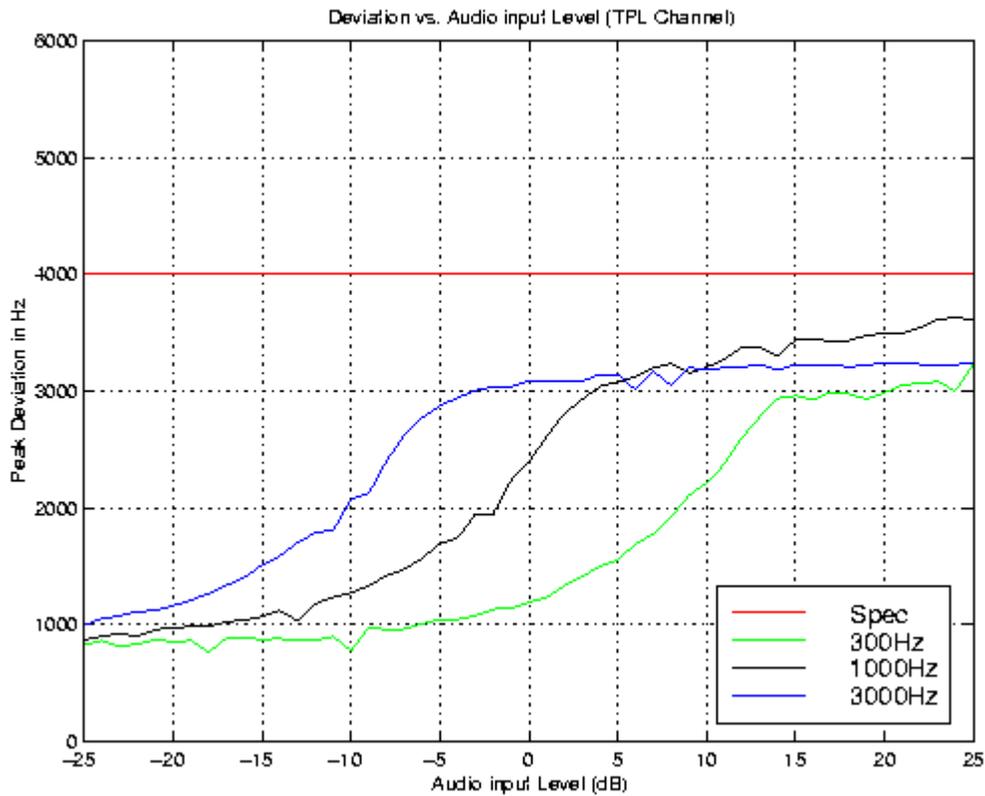
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



### TEST REPORT

#### MODULATION LIMITTING DEVIATION vs. AUDIO INPUT LEVEL (DPL)

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Xmtr Type AZ489FT5795

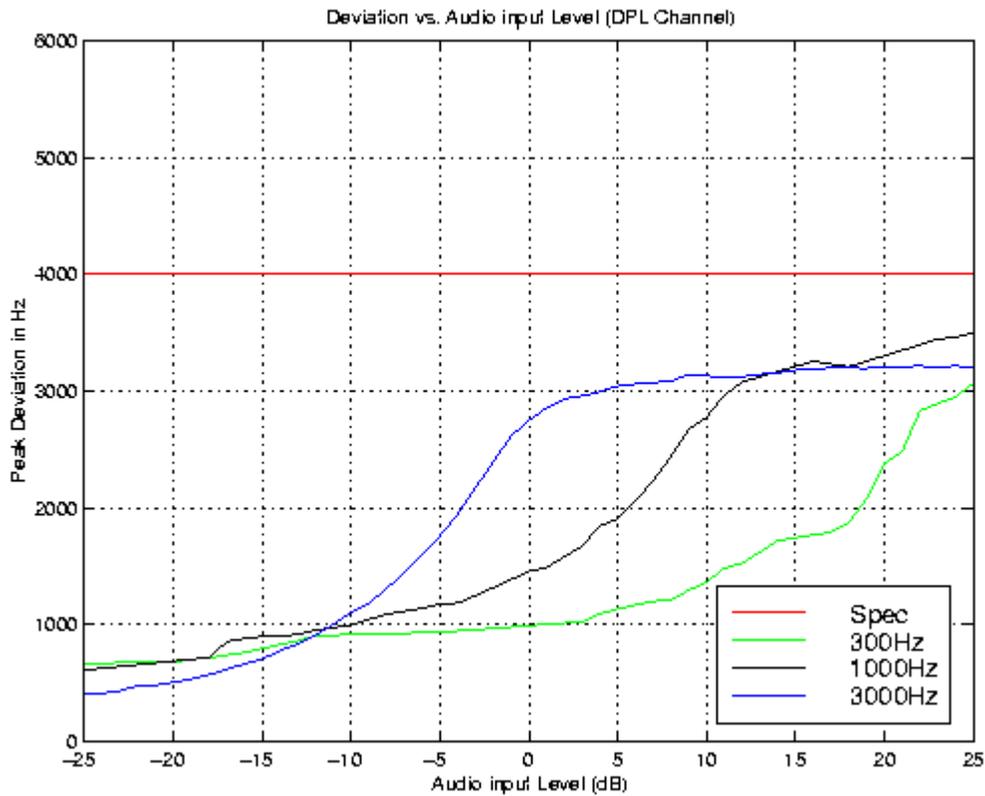
Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz

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### TEST REPORT

#### OCCUPIED BANDWIDTH ( 2500 HZ AUDIO MODULATION ONLY)

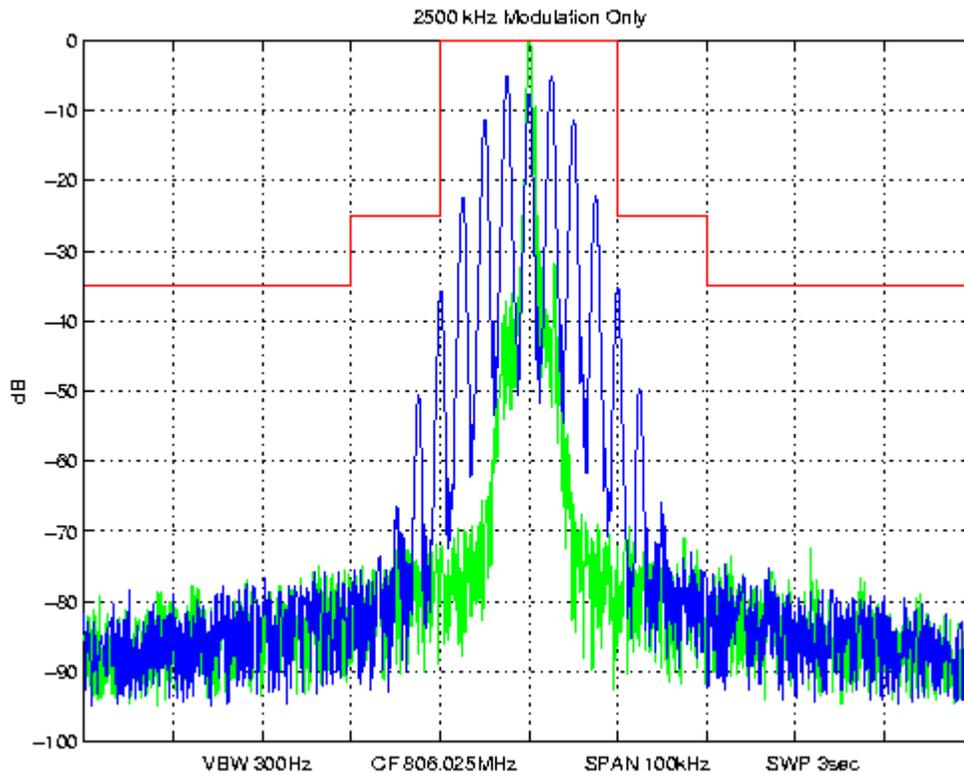
Xmtr Type AZ489FT5795

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)

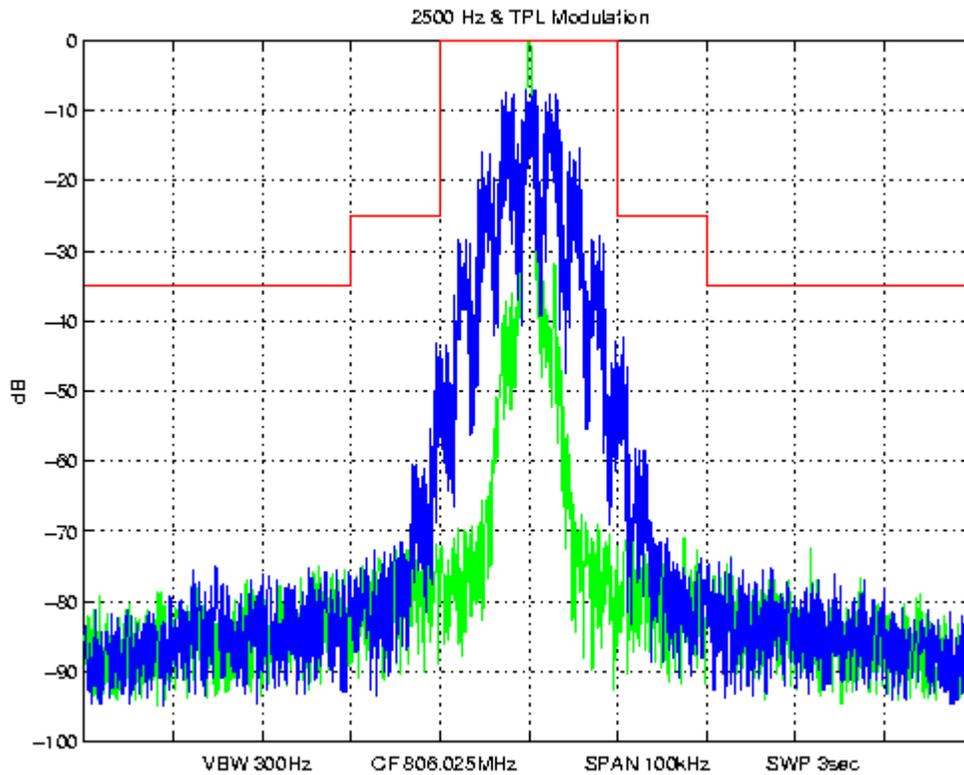
Xmtr Type AZ489FT5795

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 )

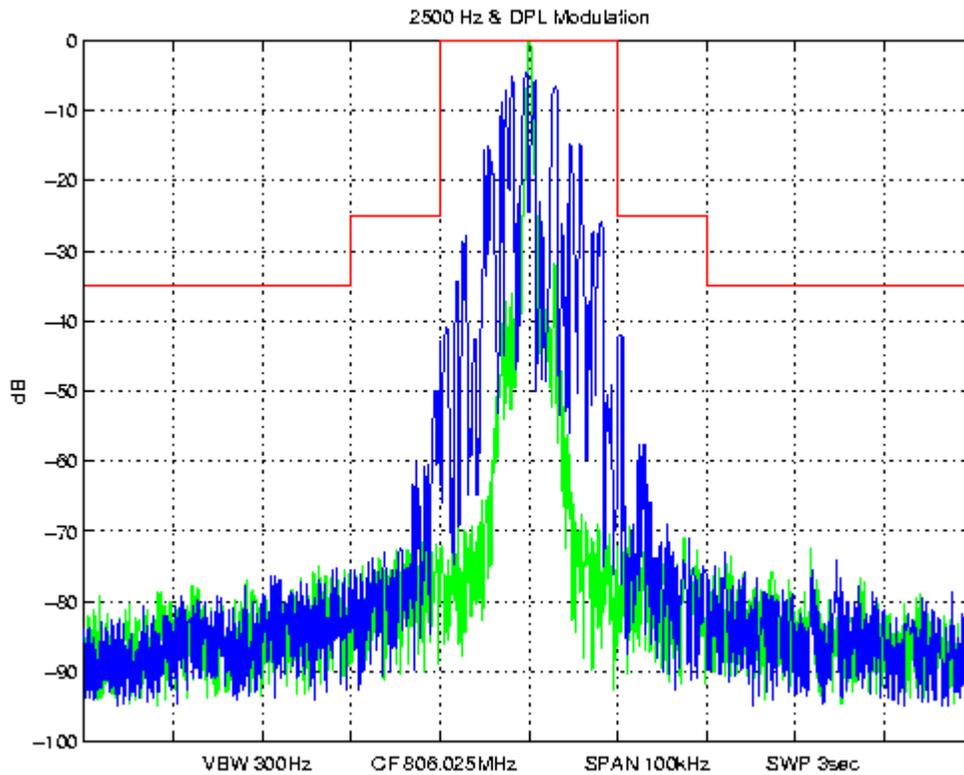
Xmtr Type AZ489FT5795

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)

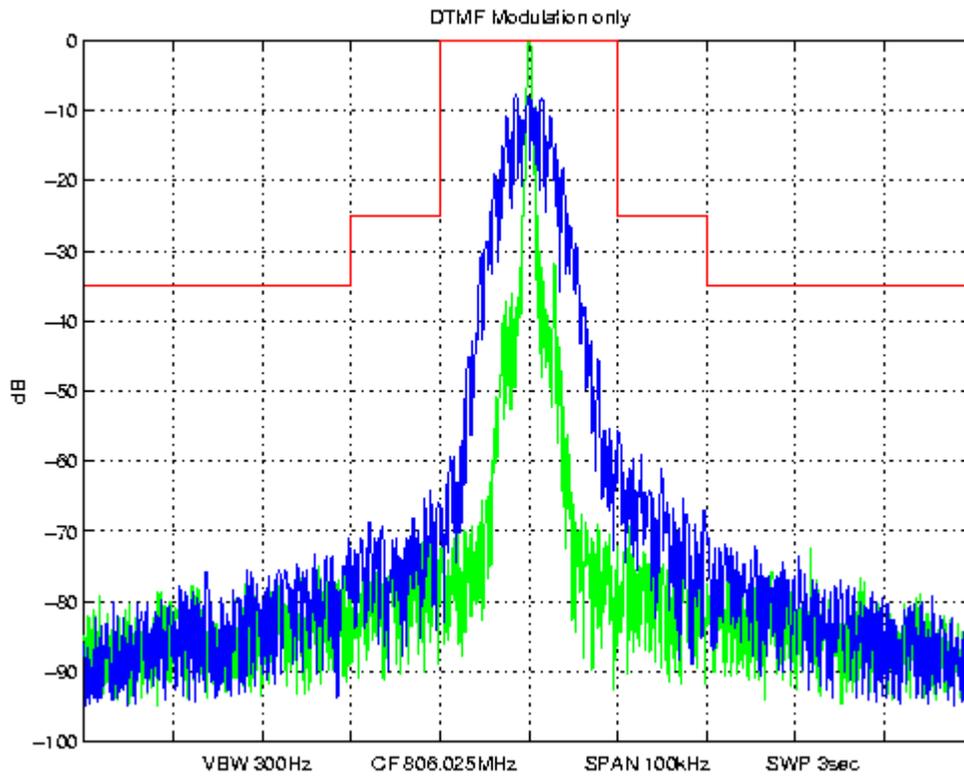
Xmtr Type AZ489FT5795

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)

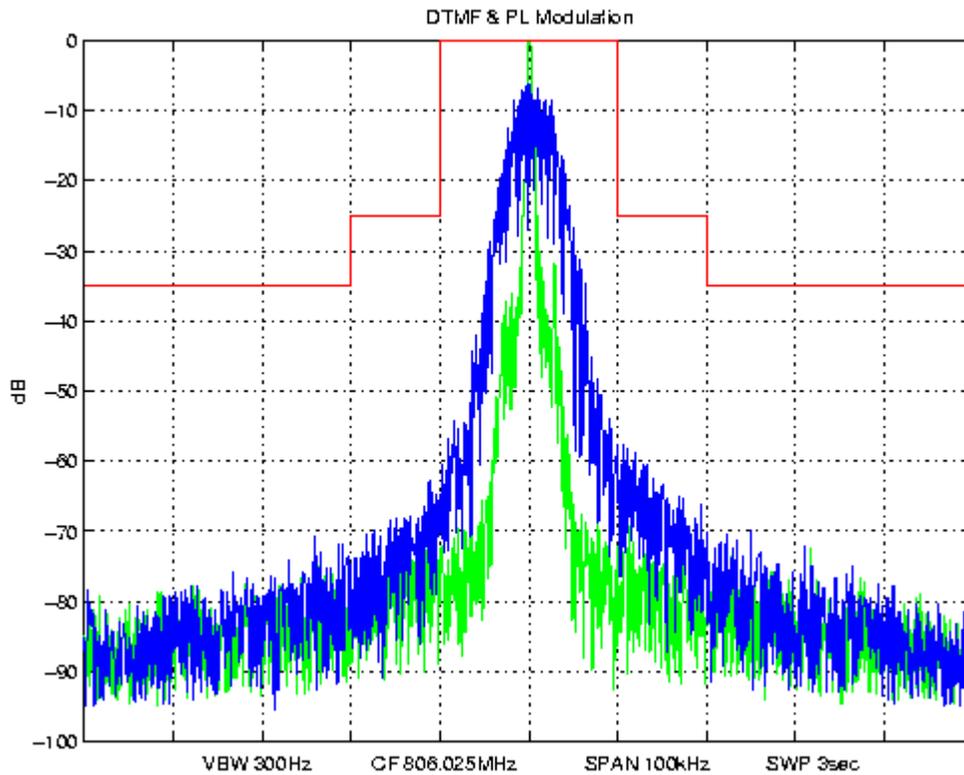
Xmtr Type AZ489FT5795

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 )

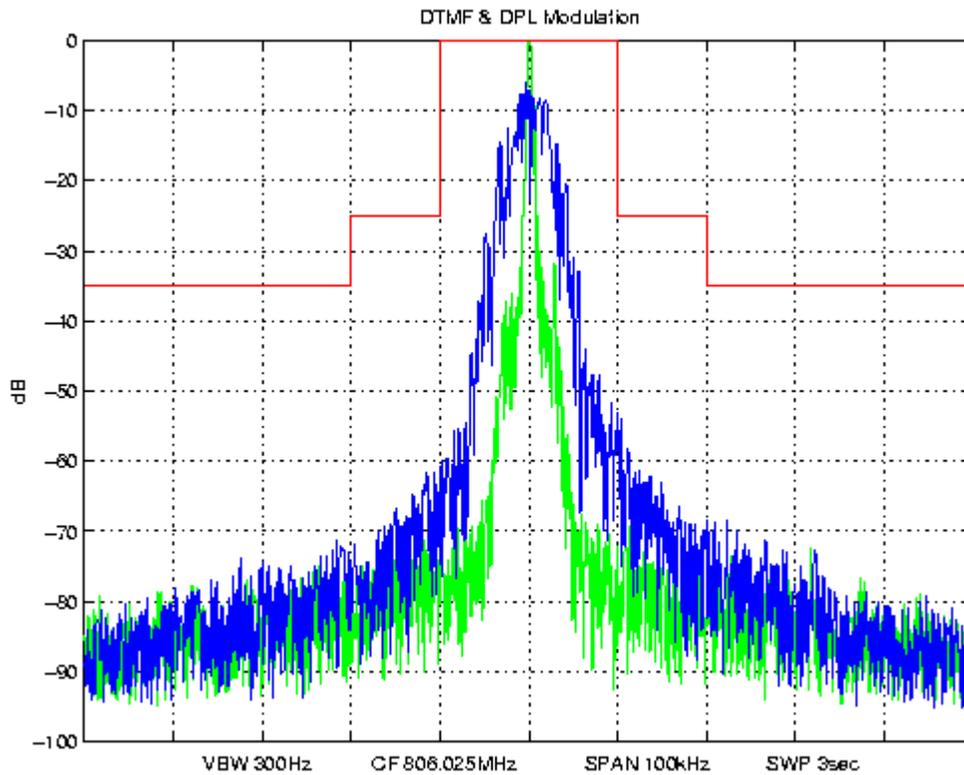
Xmtr Type AZ489FT5795

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)

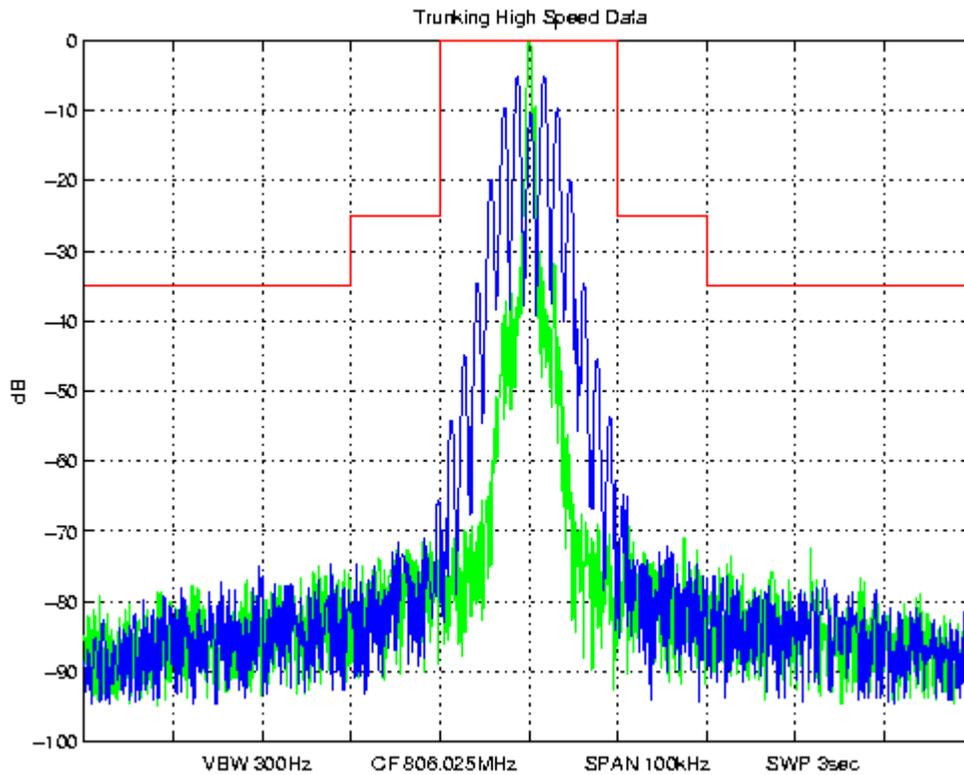
Xmtr Type AZ489FT5795

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)

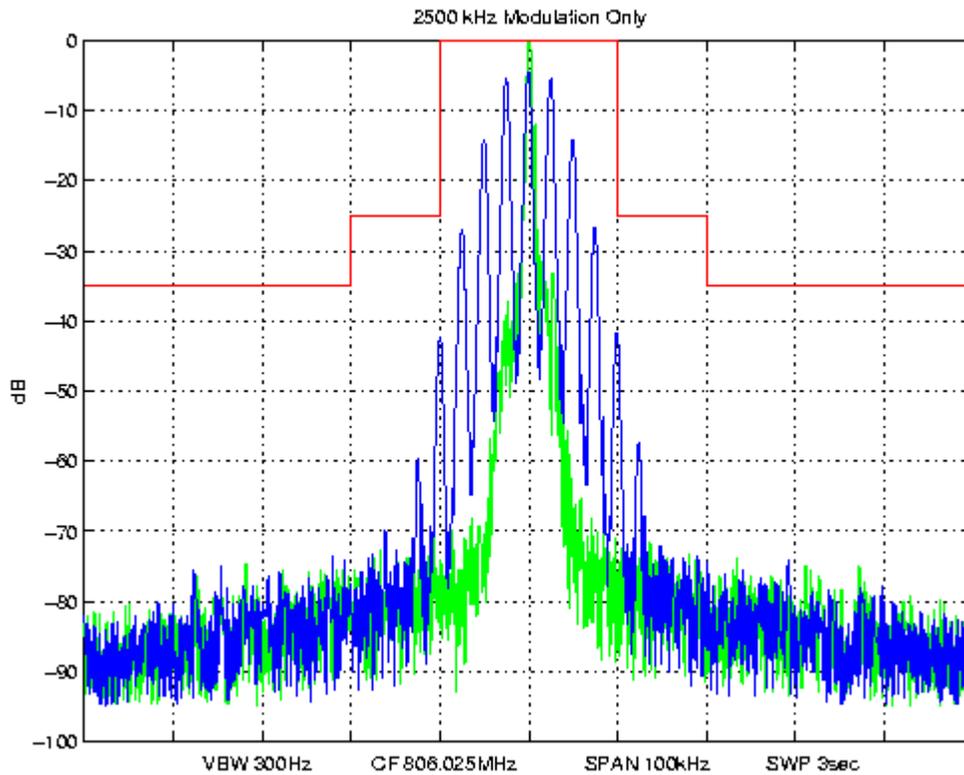
Xmtr Type AZ489FT5795

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)

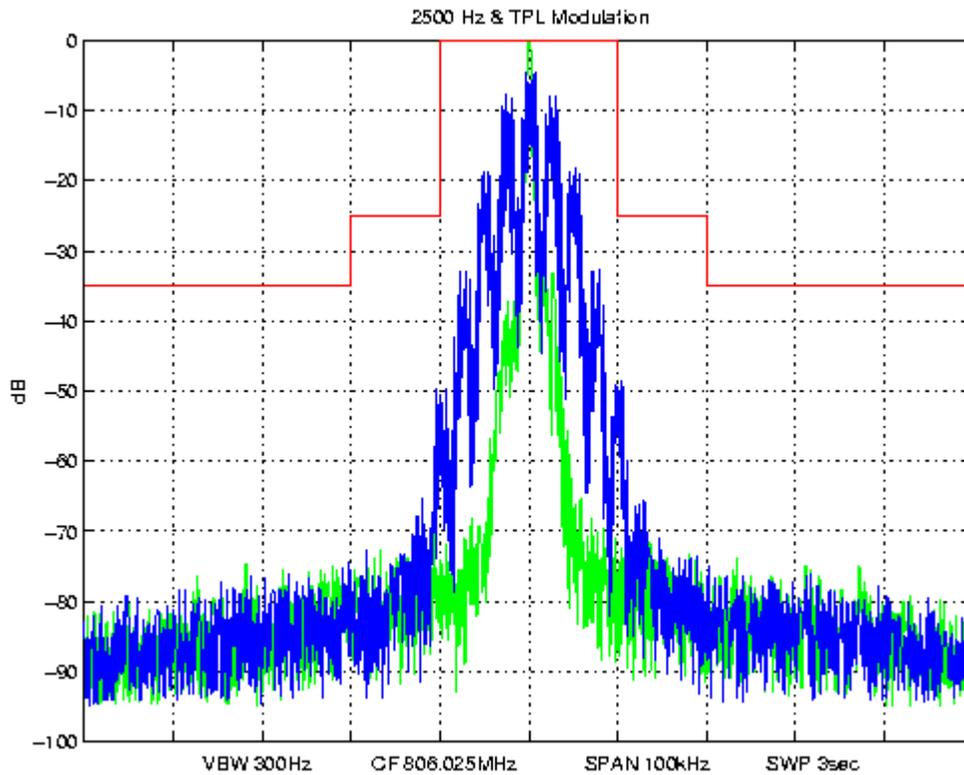
Xmtr Type AZ489FT5795

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 )

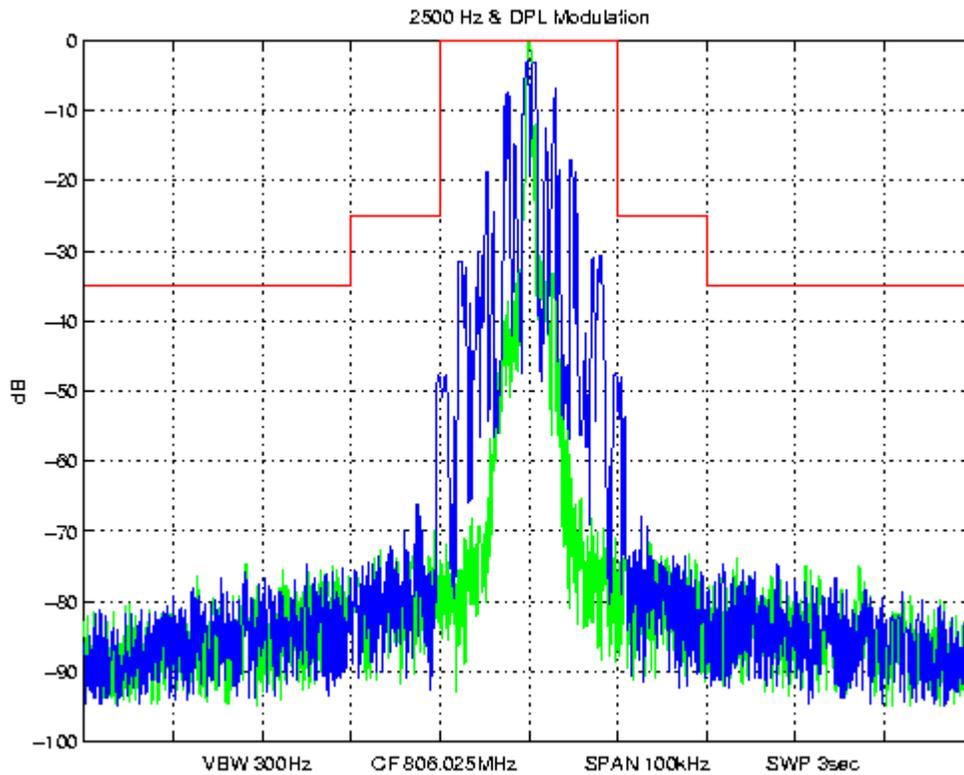
Xmtr Type AZ489FT5795

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)

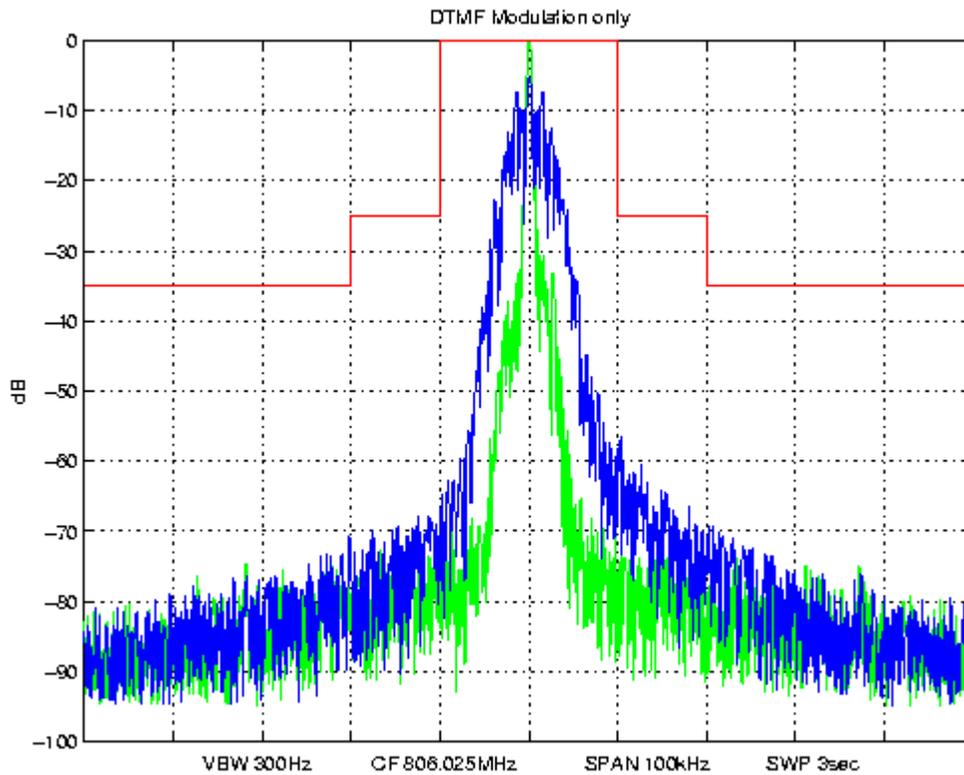
Xmtr Type AZ489FT5795

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)

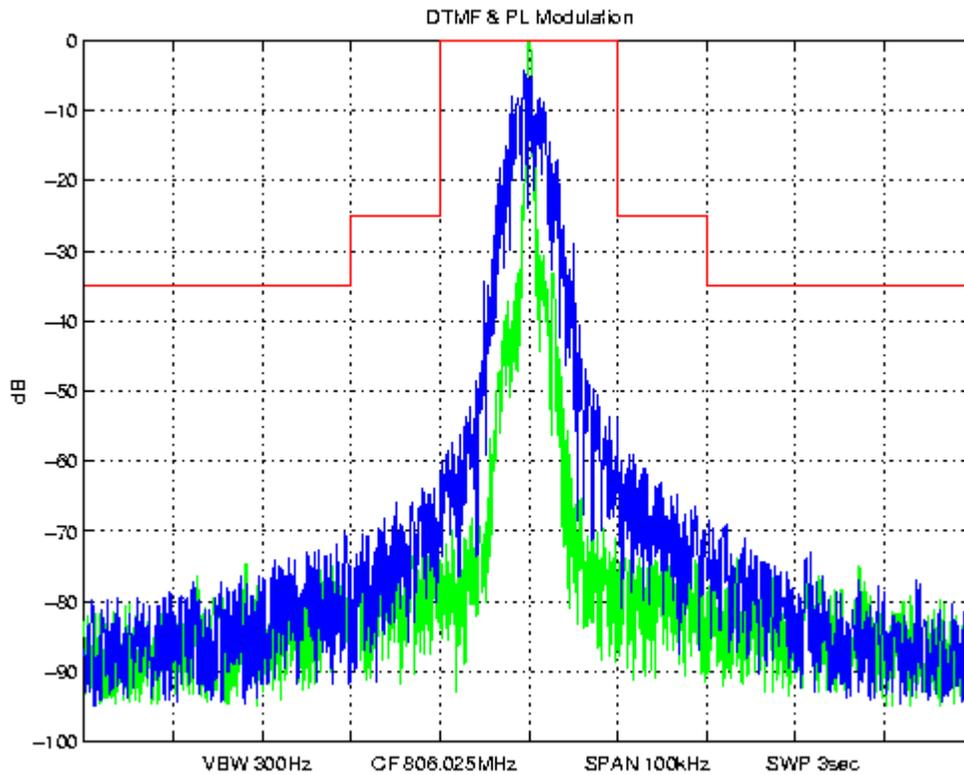
Xmtr Type AZ489FT5795

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 )

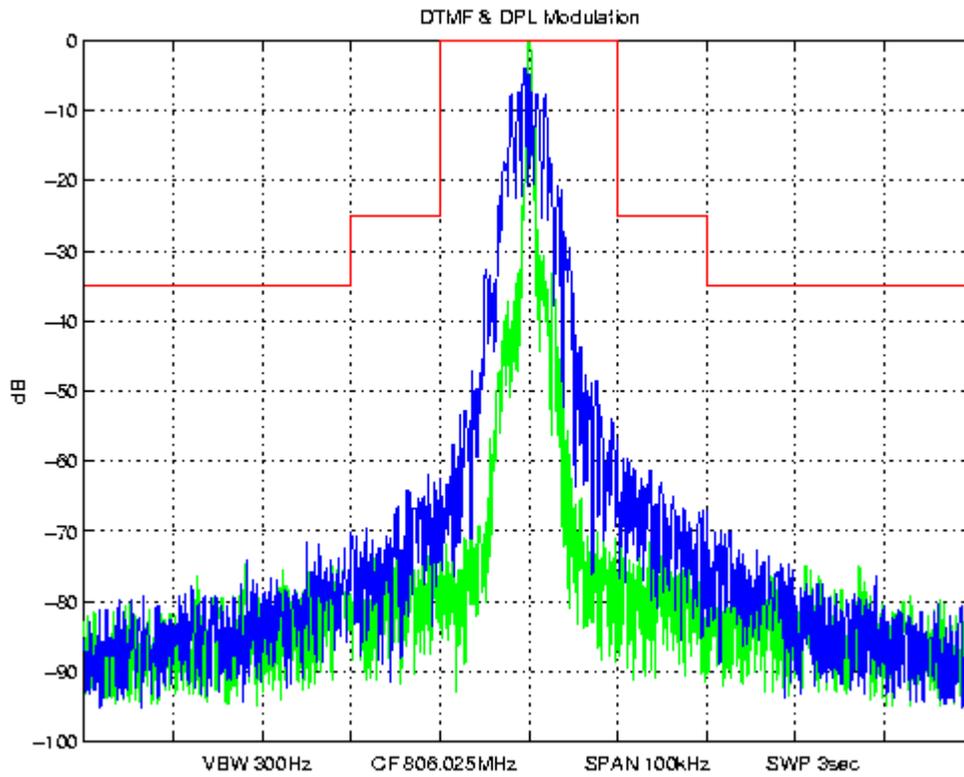
Xmtr Type AZ489FT5795

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)

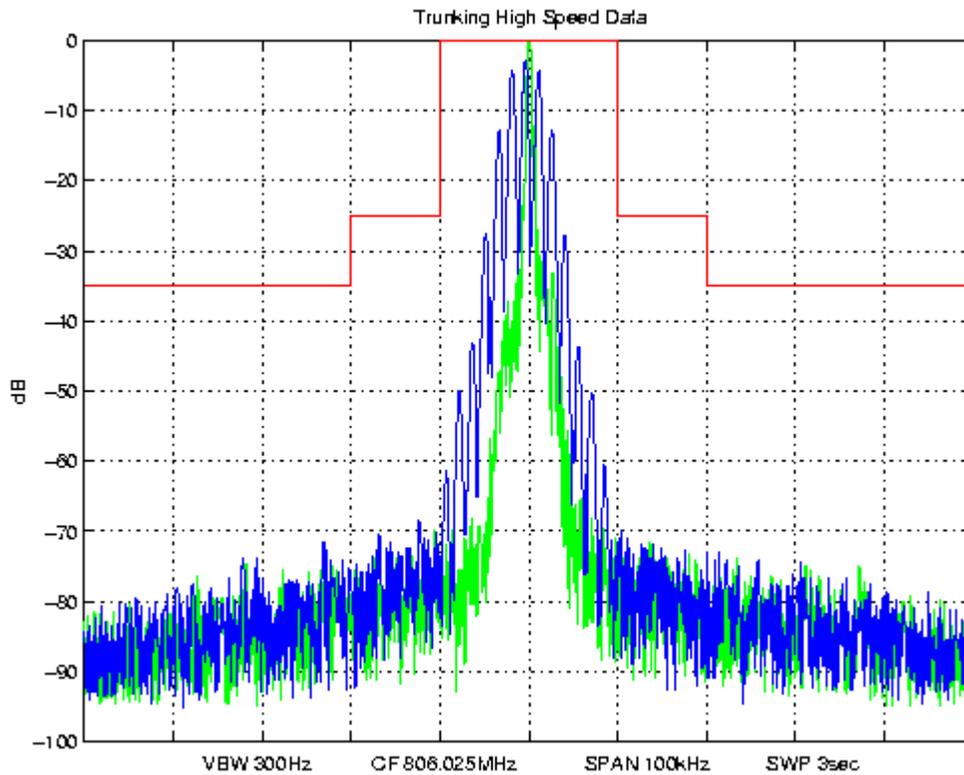
Xmtr Type AZ489FT5795

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

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

Date Dec 21, 1999

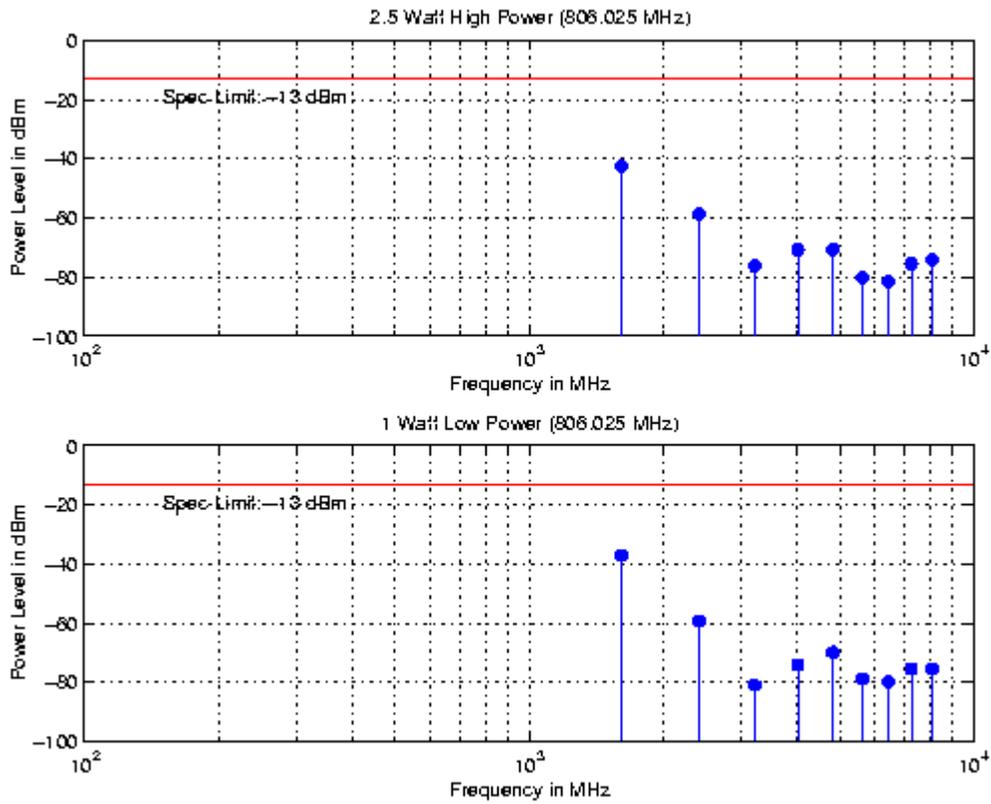
Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz

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### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

Date Dec 21, 1999

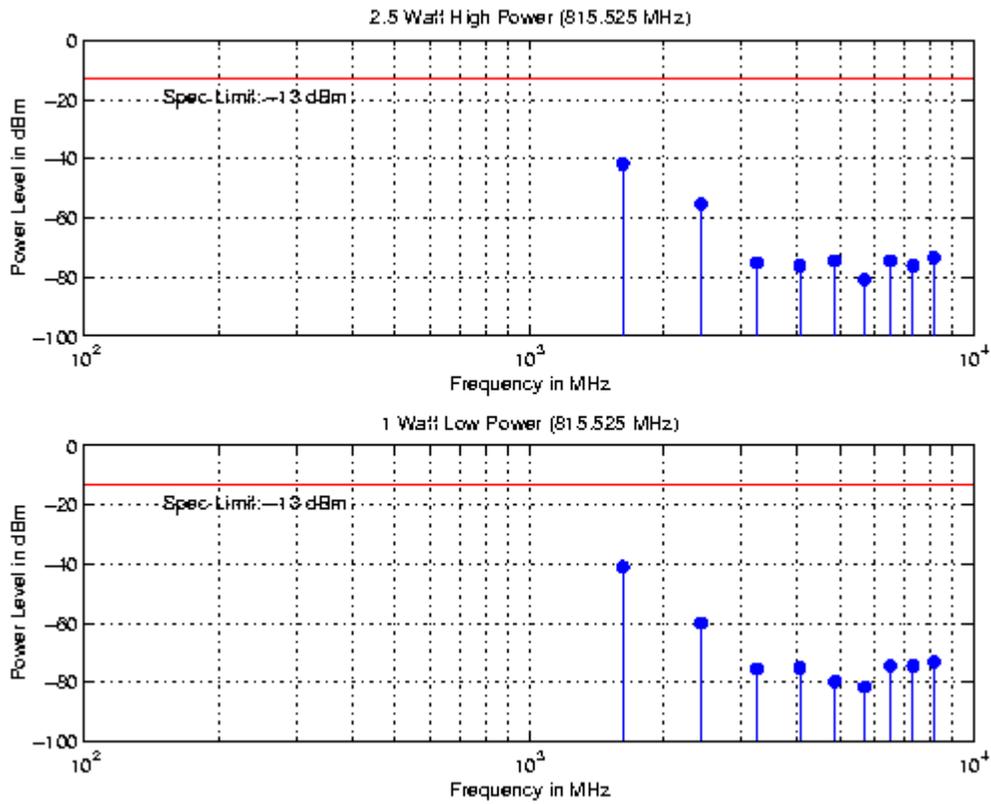
Signature Hugh Phillips

Frequency: 815.525 MHz

Channel Spacing: 25KHz

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### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

Date Dec 21, 1999

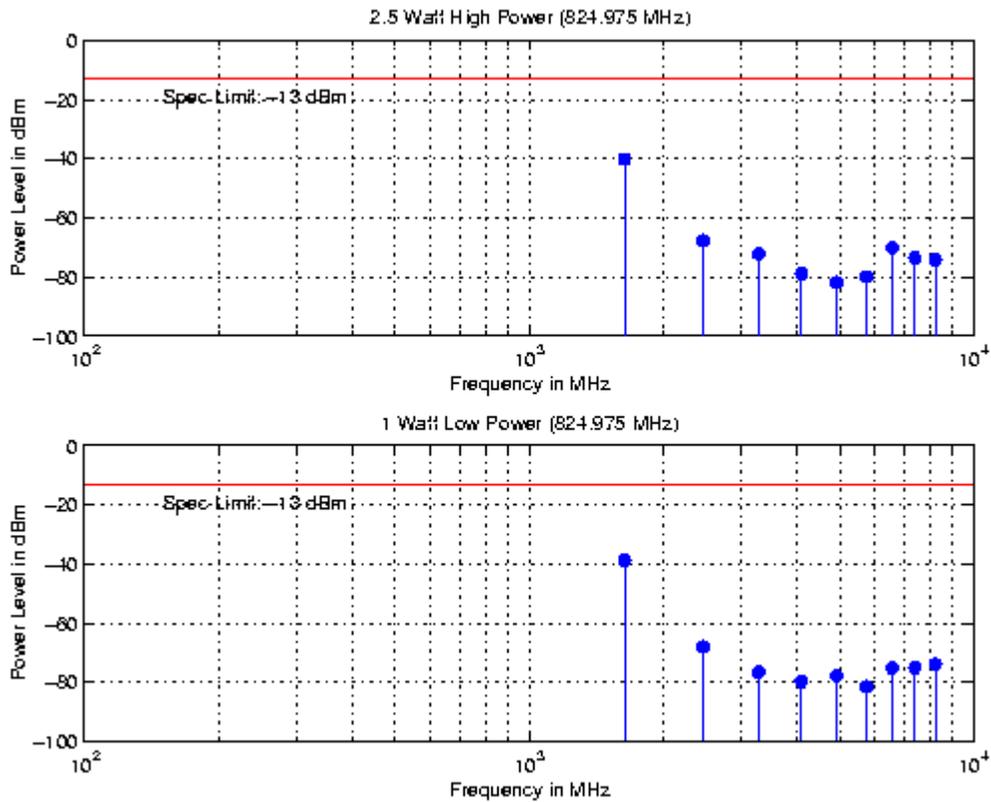
Signature Hugh Phillips

Frequency: 824.975 MHz

Channel Spacing: 25KHz

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### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

Date Dec 21, 1999

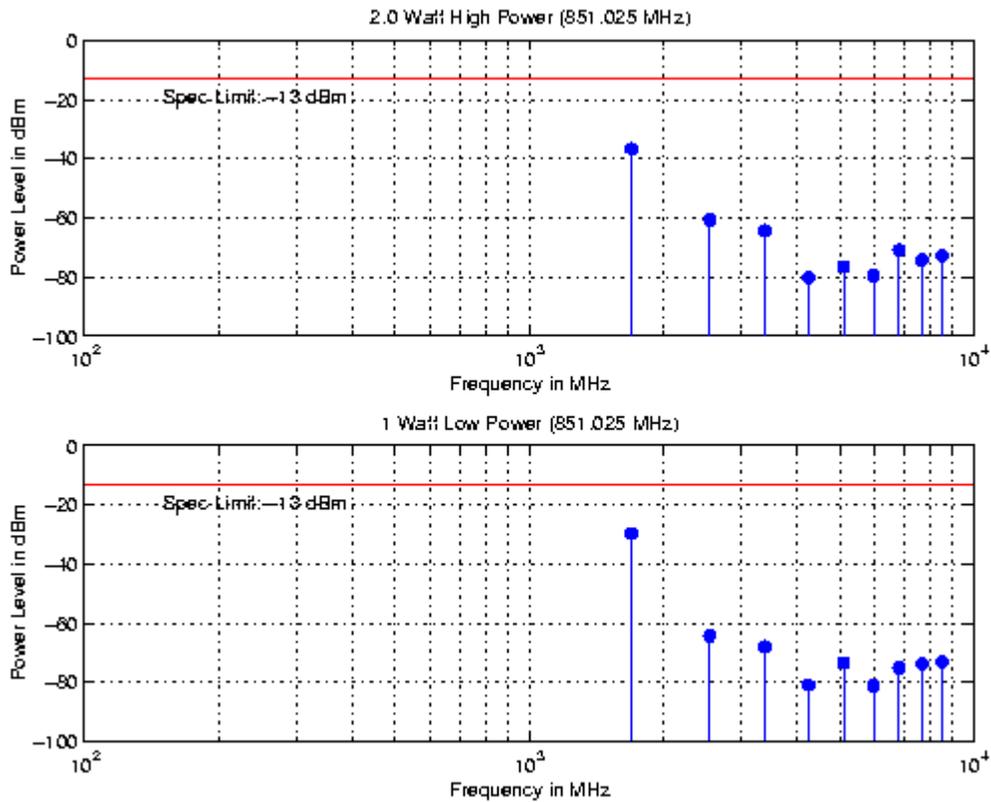
Signature Hugh Phillips

Frequency: 851.0125MHz

Channel Spacing: 25KHz

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### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

Date Dec 21, 1999

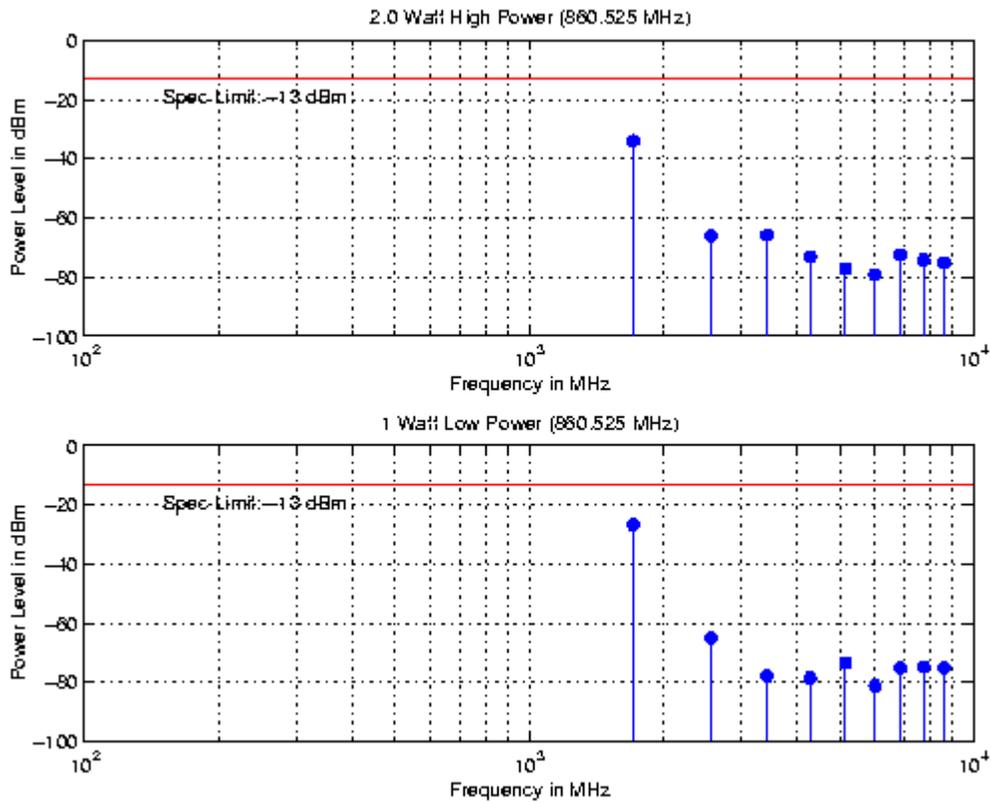
Signature Hugh Phillips

Frequency: 860.525 MHz

Channel Spacing: 25KHz

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### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

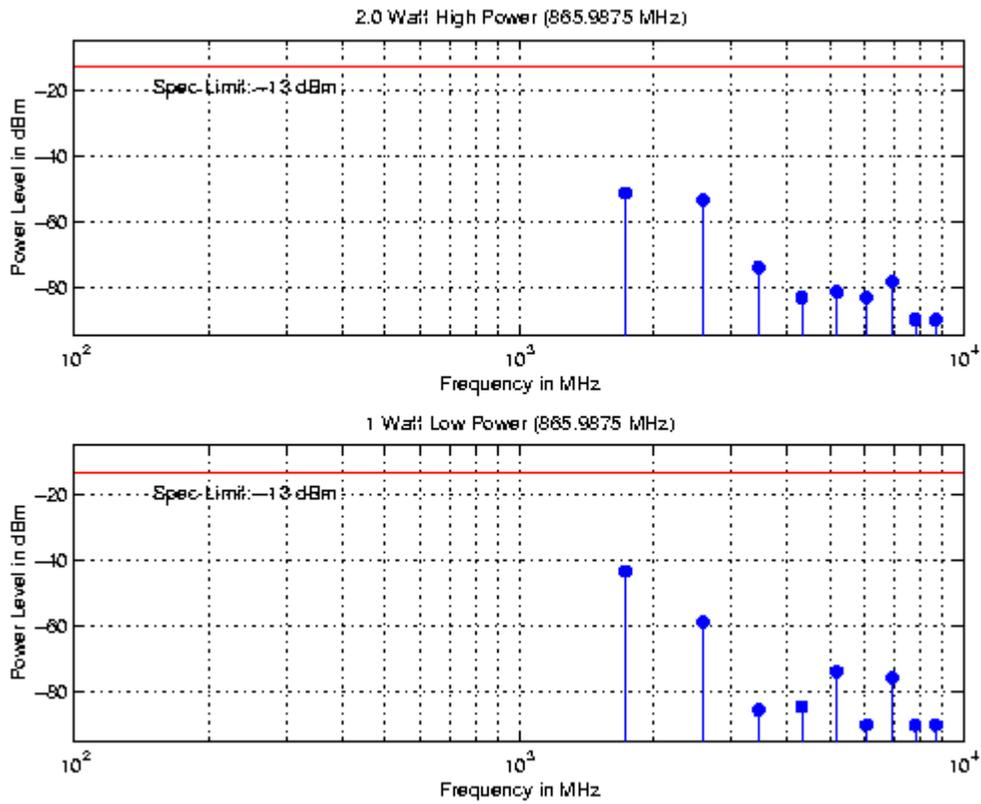
Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 869.975 MHz

Channel Spacing: 25KHz

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### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC RADIATED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

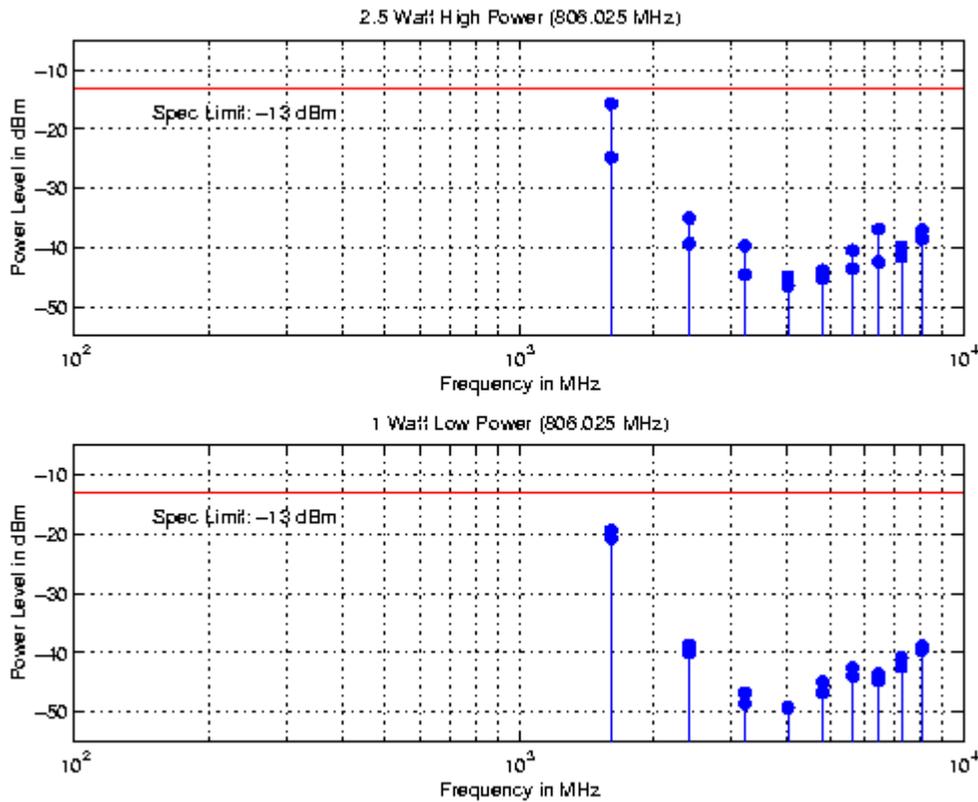
Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz

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

### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC RADIATED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

Date Dec 21, 1999

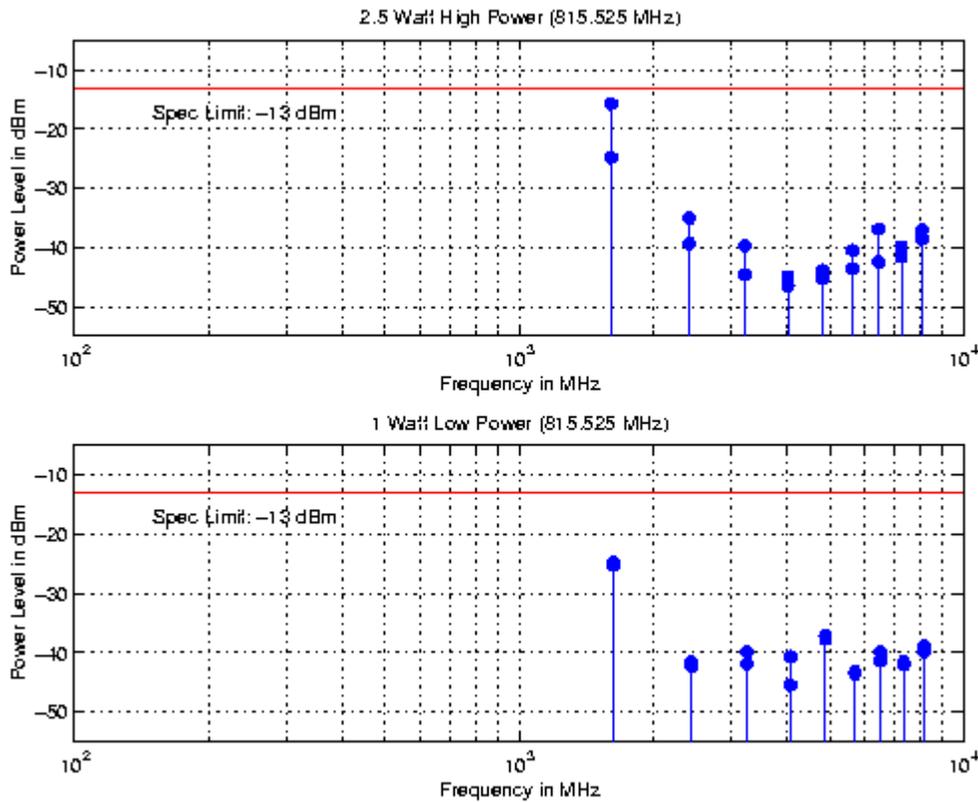
Signature Hugh Phillips

Frequency: 815.525 MHz

Channel Spacing: 25KHz

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

### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC RADIATED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

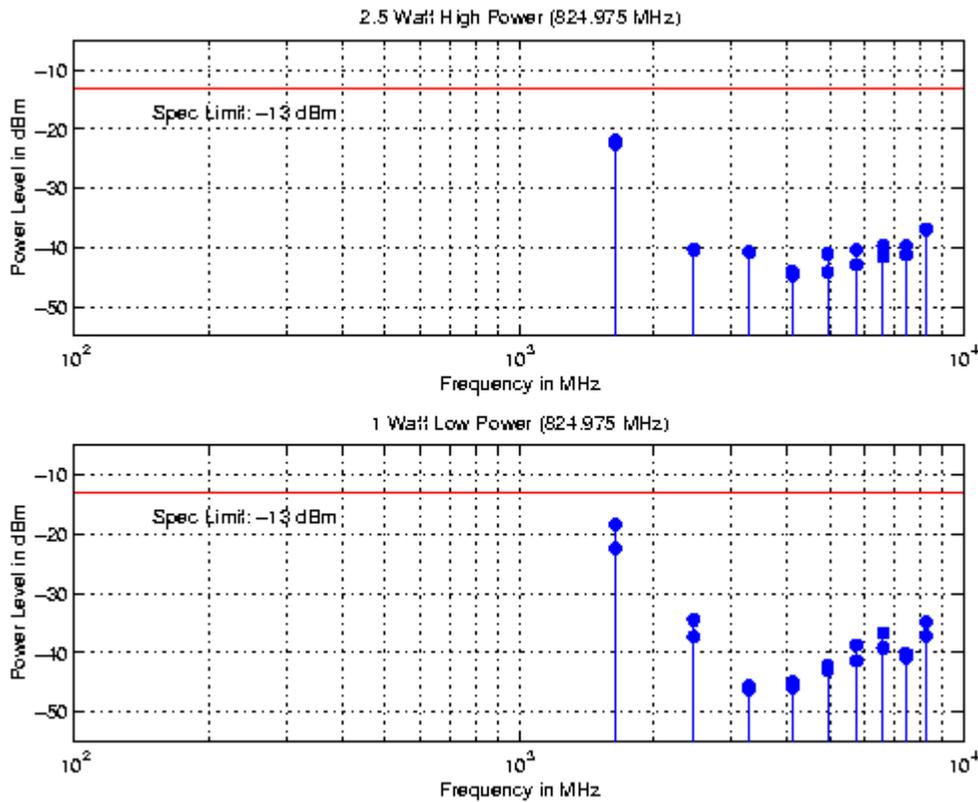
Date Dec 21, 1999

Signature Hugh Phillips

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

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC RADIATED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type AZ489FT5795

Date Dec 21, 1999

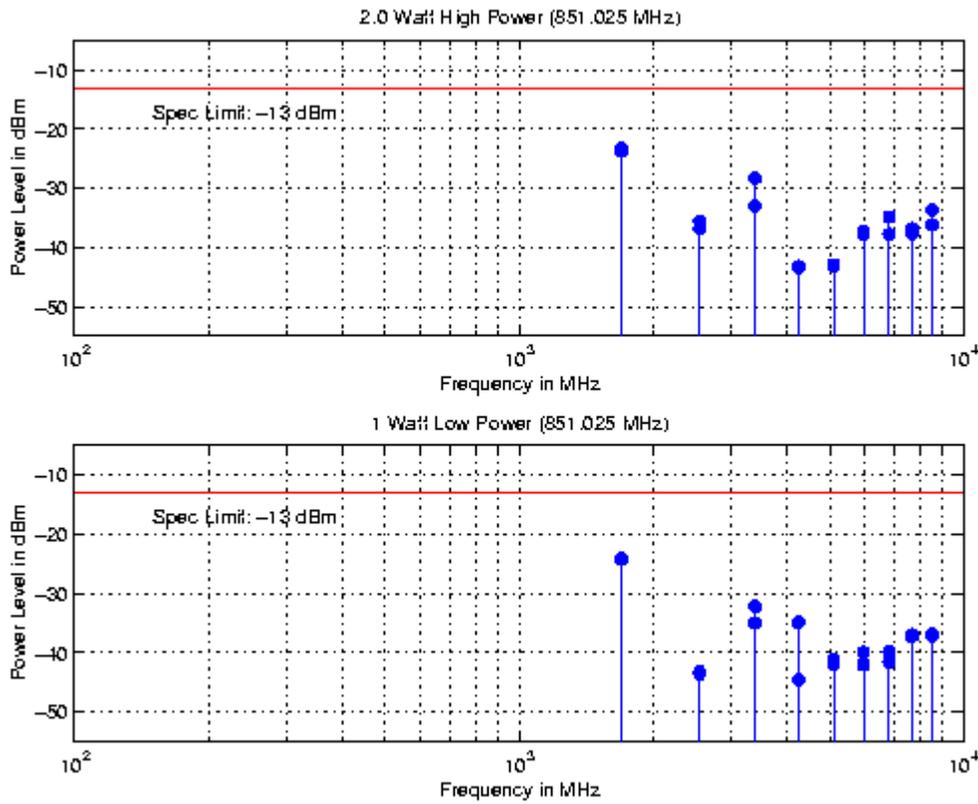
Signature Hugh Phillips

Frequency: 851.025MHz

Channel Spacing: 25KHz

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

### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC RADIATED SPURIOUS AND HARMONIC EMISSIONS

---

Xmtr Type AZ489FT5795

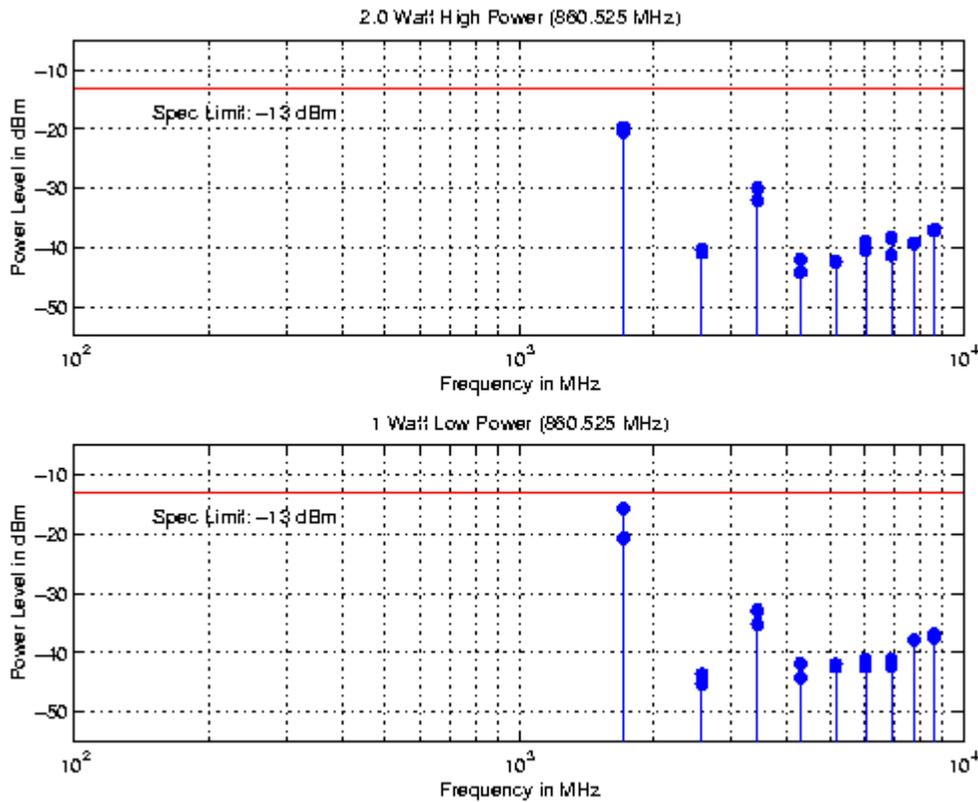
Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 860.525 MHz

Channel Spacing: 25KHz

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

### TEST REPORT

#### TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC RADIATED SPURIOUS AND HARMONIC EMISSIONS

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Xmtr Type FCC ID: AZ489FT5795

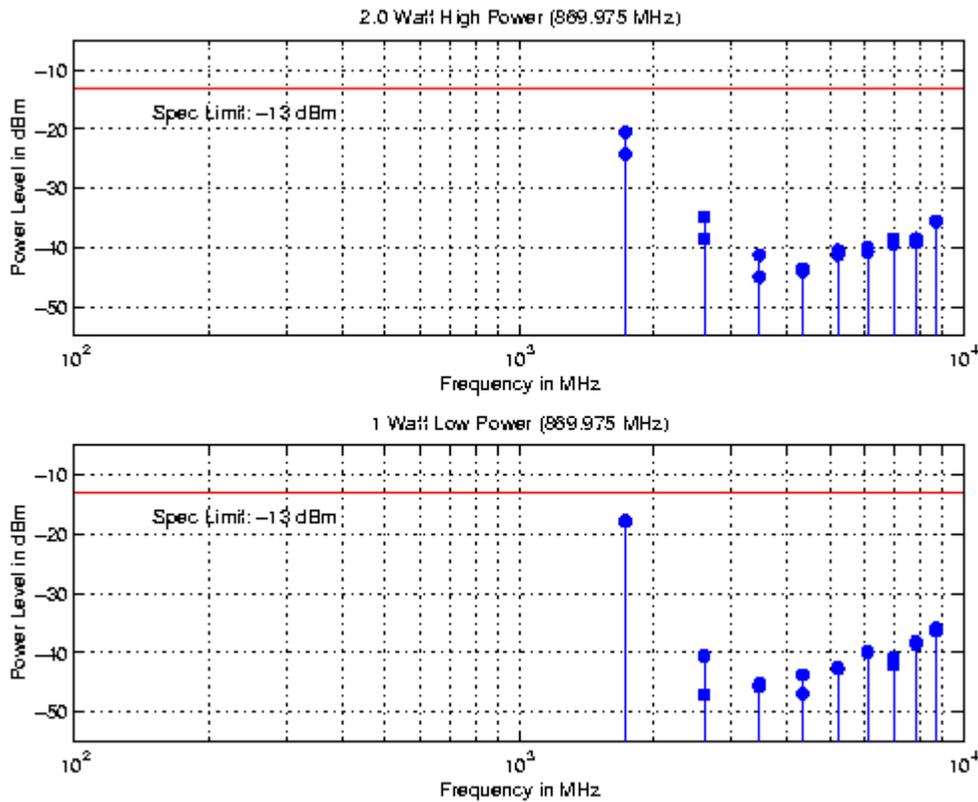
Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 869.975 MHz

Channel Spacing: 25KHz

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

### TEST REPORT

#### CRYSTAL OSCILLATOR STABILITY CHARACTERISTIC FREQUENCY vs. TEMPERATURE

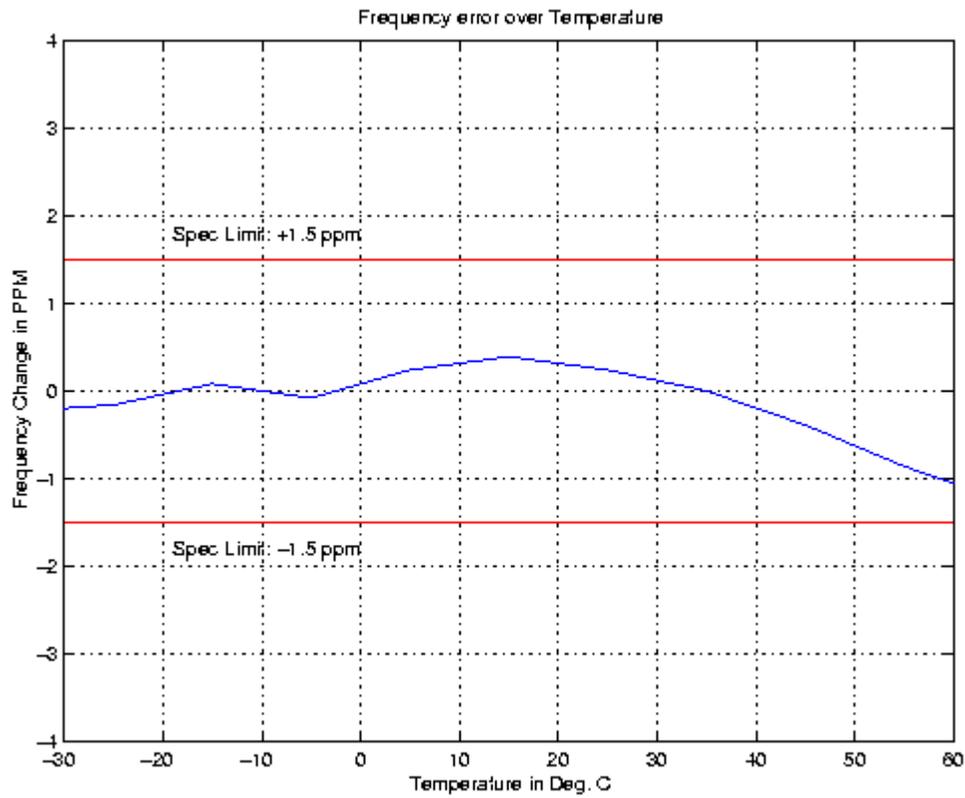
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



### TEST REPORT

#### STABILITY CHARACTERISTIC FREQUENCY vs. VOLTAGE

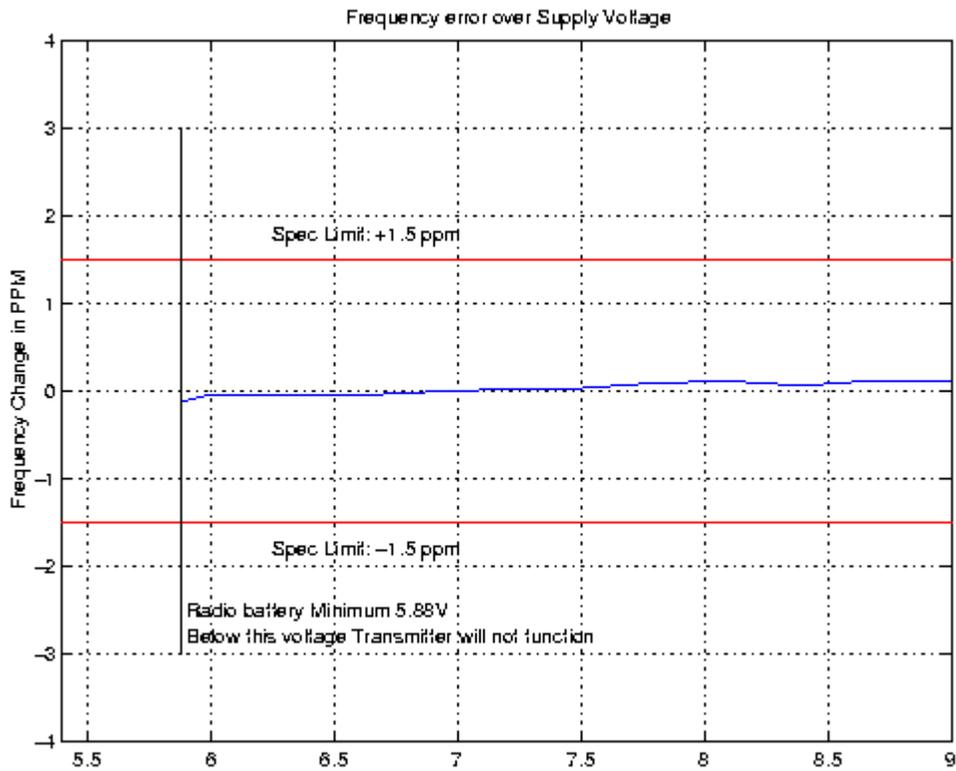
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



### TEST REPORT

#### CRYSTAL OSCILLATOR STABILITY CHARACTERISTIC FREQUENCY vs. TEMPERATURE

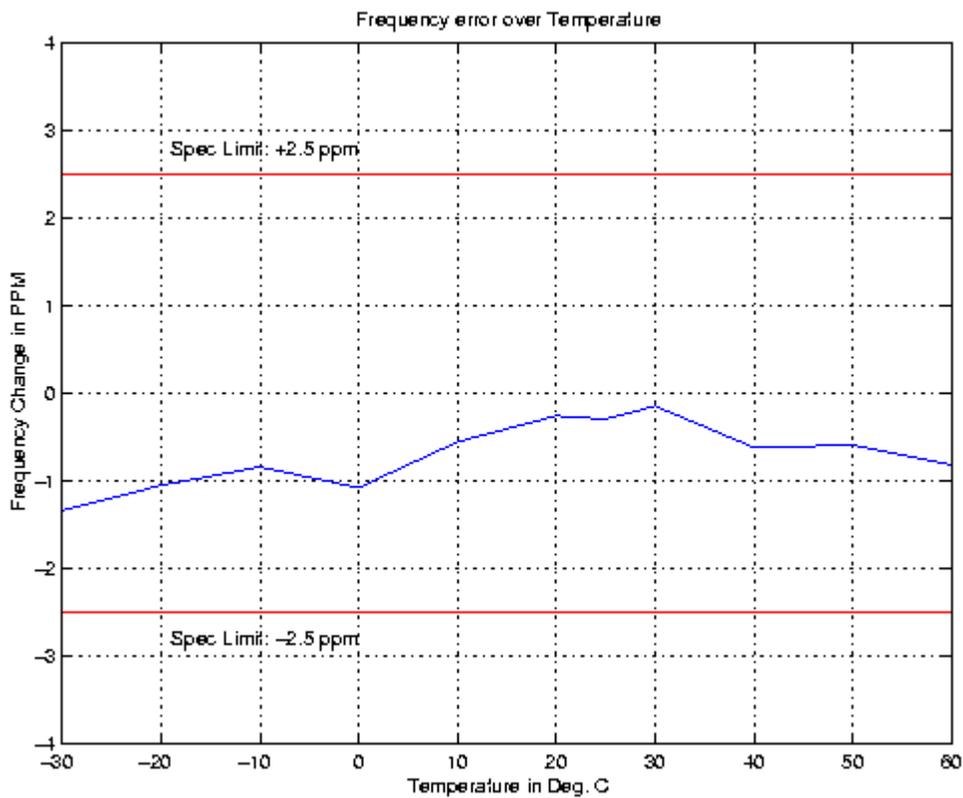
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



### TEST REPORT

#### STABILITY CHARACTERISTIC FREQUENCY vs. VOLTAGE

Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz

