

TEST REPORT DATA INDEX

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TEST REPORT

OUTPUT POWER

LOW-POWER SETTING	FREQUENCY 806.025 MHz.
RF Output Power :	1.21 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	0.69 AMP
DC Input Power :	5.18 WATTS
LOW-POWER SETTING	FREQUENCY 815.525 MHz.
RF Output Power :	1.07 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	0.65 AMP
DC Input Power :	4.88 WATTS
LOW-POWER SETTING	FREQUENCY 824.975 MHz.
RF Output Power:	1.11 WATTS
DC Voltage:	7.5 VOLTS
DC Current:	0.64 AMP
DC Input Power:	4.80 WATTS
LOW-POWER SETTING	FREQUENCY 851.025 MHz.
RF Output Power :	1.30 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	0.75 AMP
DC Input Power :	5.33 WATTS
LOW-POWER SETTING	FREQUENCY 860.525 MHz.
RF Output Power :	1.22 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	0.70 AMP
DC Input Power	5.25 WATTS
LOW-POWER SETTING	FREQUENCY 869.975 MHz
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	FREQUENCY 806.025 MHz.
RF Output Power :	2.75 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	1.05 AMP
DC Input Power :	7.88 WATTS
HIGH-POWER SETTING	FREQUENCY 815.525 MHz.
RF Output Power :	2.73 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	1.01 AMP
DC Input Power :	7.58 WATTS
HIGH-POWER SETTING,	FREQUENCY 824.975 MHz.
RF Output Power:	2.71 WATTS
DC Voltage:	7.5 VOLTS
DC Current:	0.96 AMP
DC Input Power:	7.20 WATTS
HIGH-POWER SETTING	FREQUENCY 851.025MHz.
RF Output Power :	2.40 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	0.83 AMP
DC Input Power :	6.23 WATTS
HIGH-POWER SETTING	FREQUENCY 860.525 MHz.
RF Output Power :	2.41 WATTS
DC Voltage :	7.5 VOLTS
DC Current :	0.82 AMP
DC Input Power	6.15 WATTS
HIGH-POWER SETTING	FREQUENCY 869.975 MHz.
RF Output Power:	2.45 WATTS
DC Voltage:	7.5 VOLTS
DC Current:	0.91 AMP
DC Input Power:	6.83 WATTS

TEST REPORTTRANSMITTER AUDIO RESPONSE CHARACTERISTIC
MODULATION LEVEL vs. AUDIO FREQUENCY

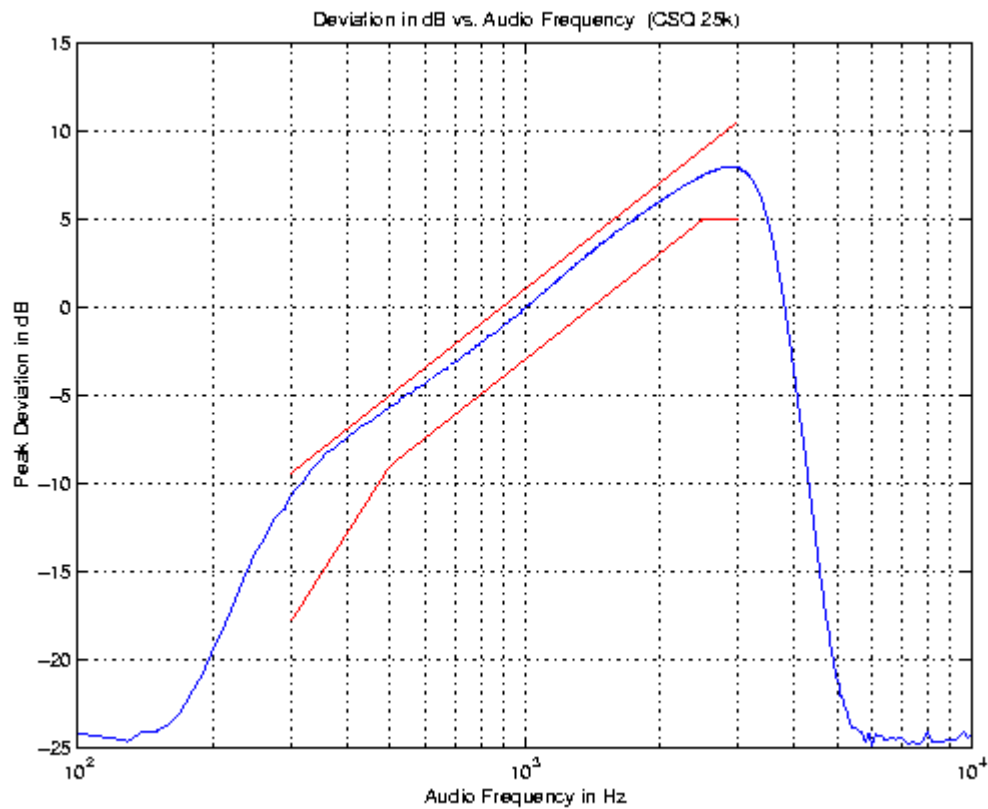
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



TEST REPORTTRANSMITTER AUDIO RESPONSE CHARACTERISTIC
MODULATION LEVEL vs. AUDIO FREQUENCY

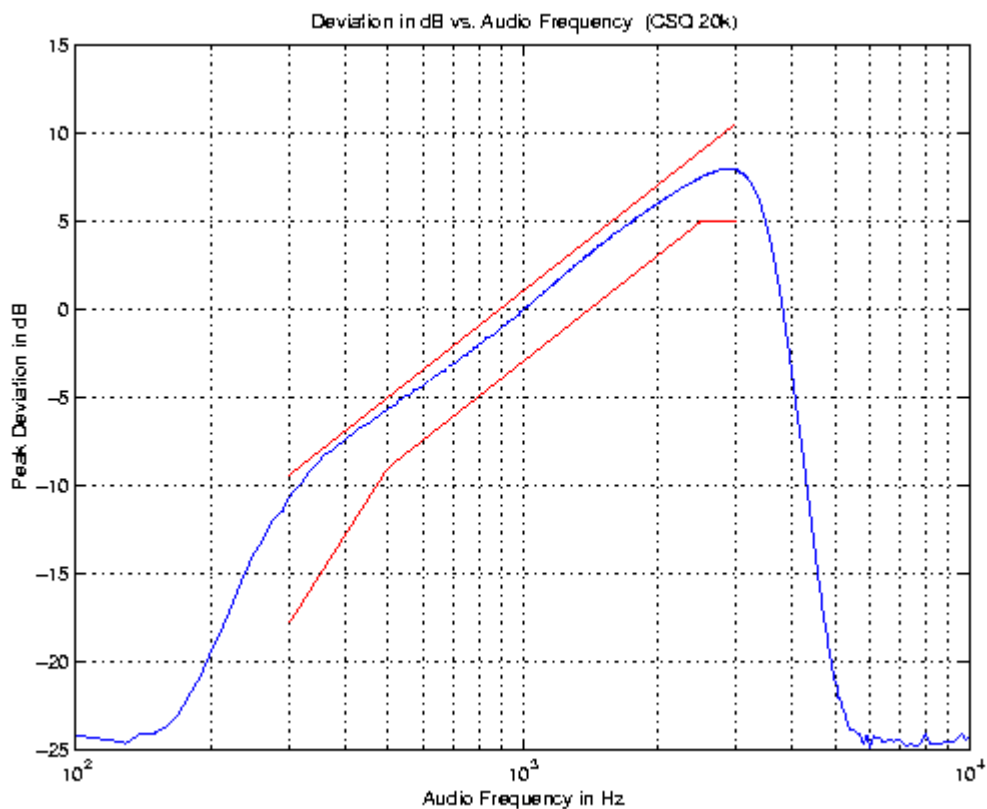
Xmtr Type AZ489FT5795

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**

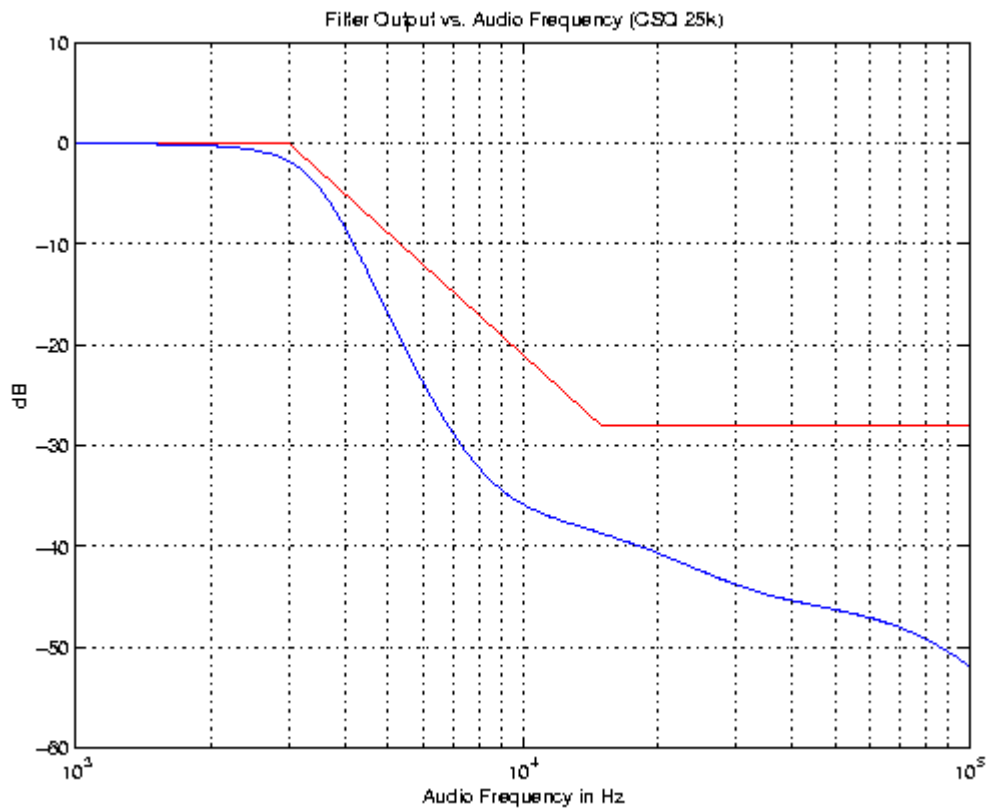
Xmtr Type AZ489FT5795

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**

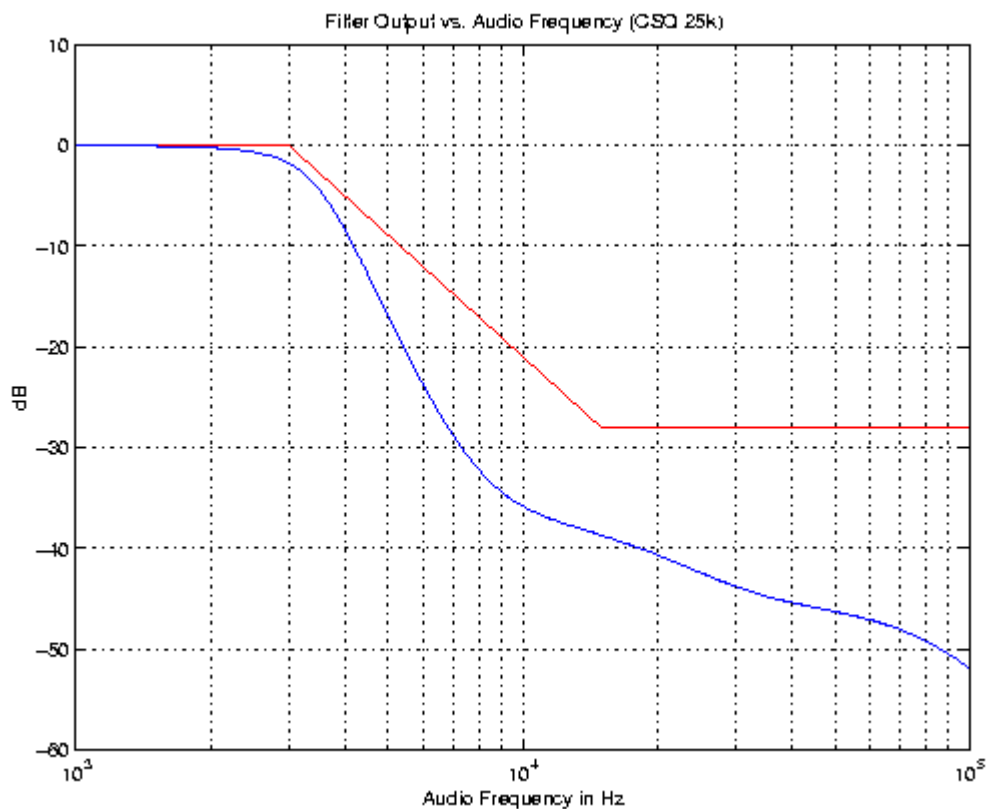
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



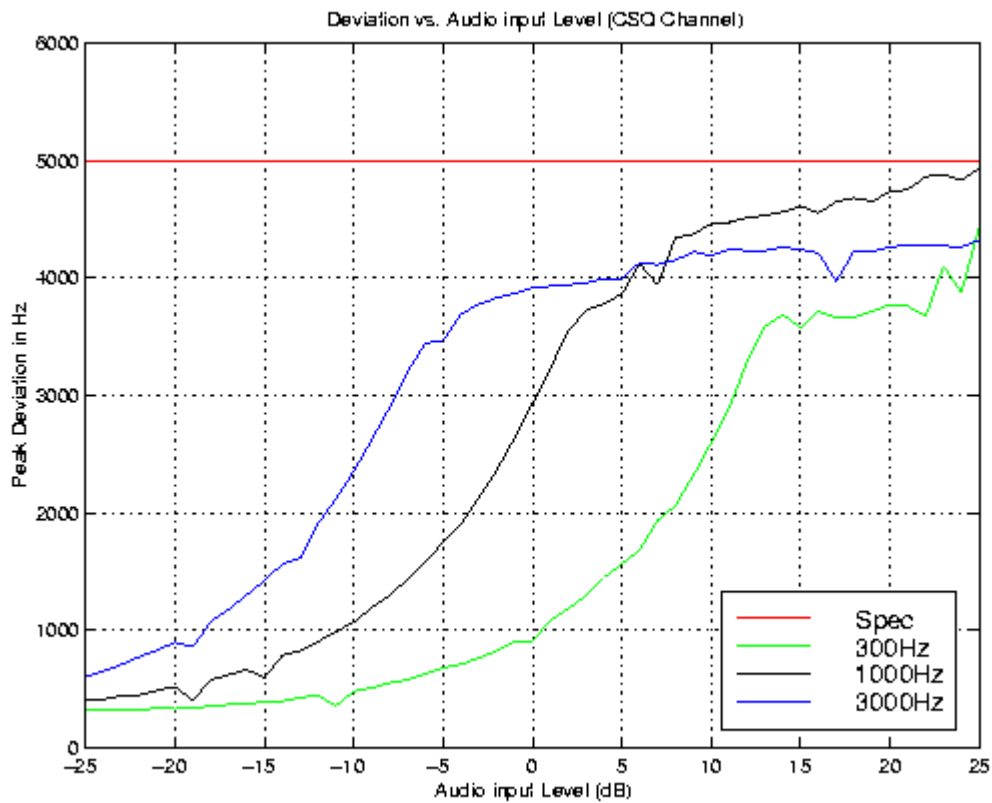
TEST REPORTMODULATION LIMITTING
DEVIATION vs. AUDIO INPUT LEVEL (CSQ)
=====

Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz
=====

TEST REPORTMODULATION LIMITTING
DEVIATION vs. AUDIO INPUT LEVEL (TPL)

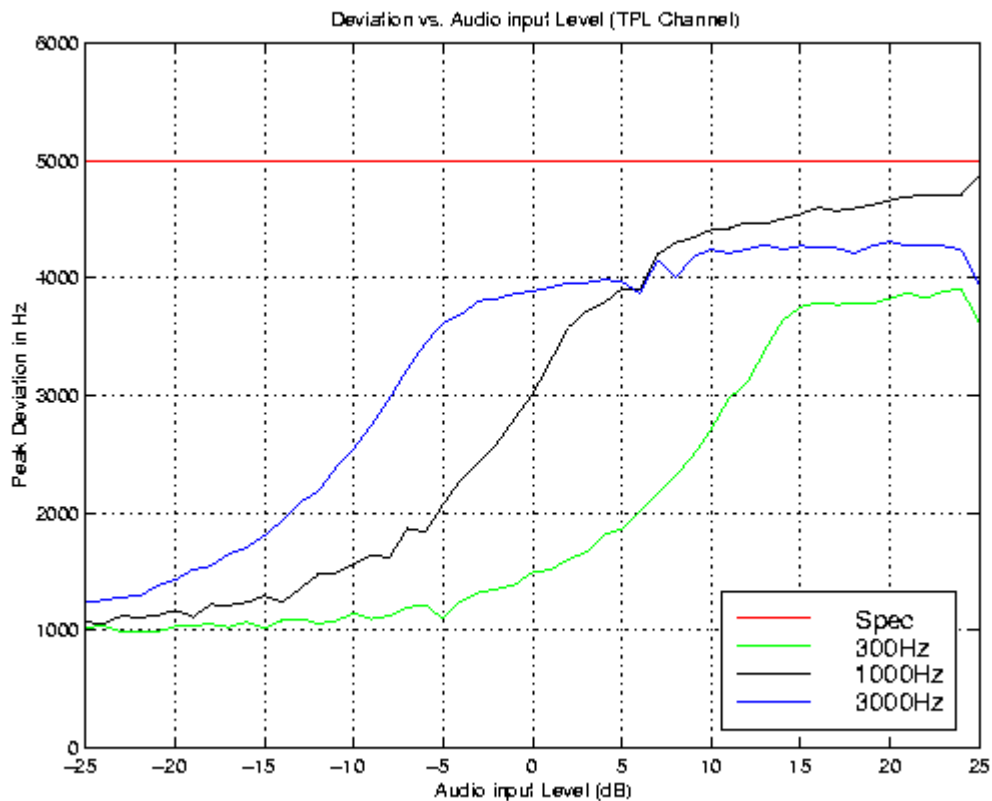
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



TEST REPORTMODULATION LIMITTING
DEVIATION vs. AUDIO INPUT LEVEL (DPL)

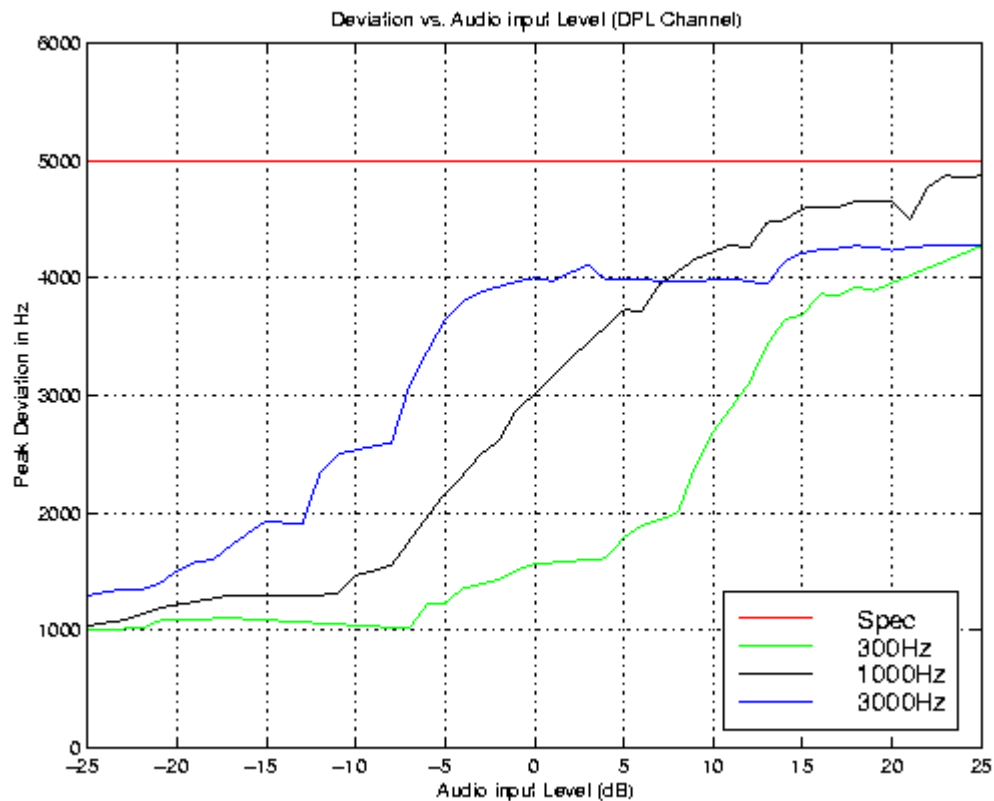
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



TEST REPORTMODULATION LIMITTING
DEVIATION vs. AUDIO INPUT LEVEL (CSQ)

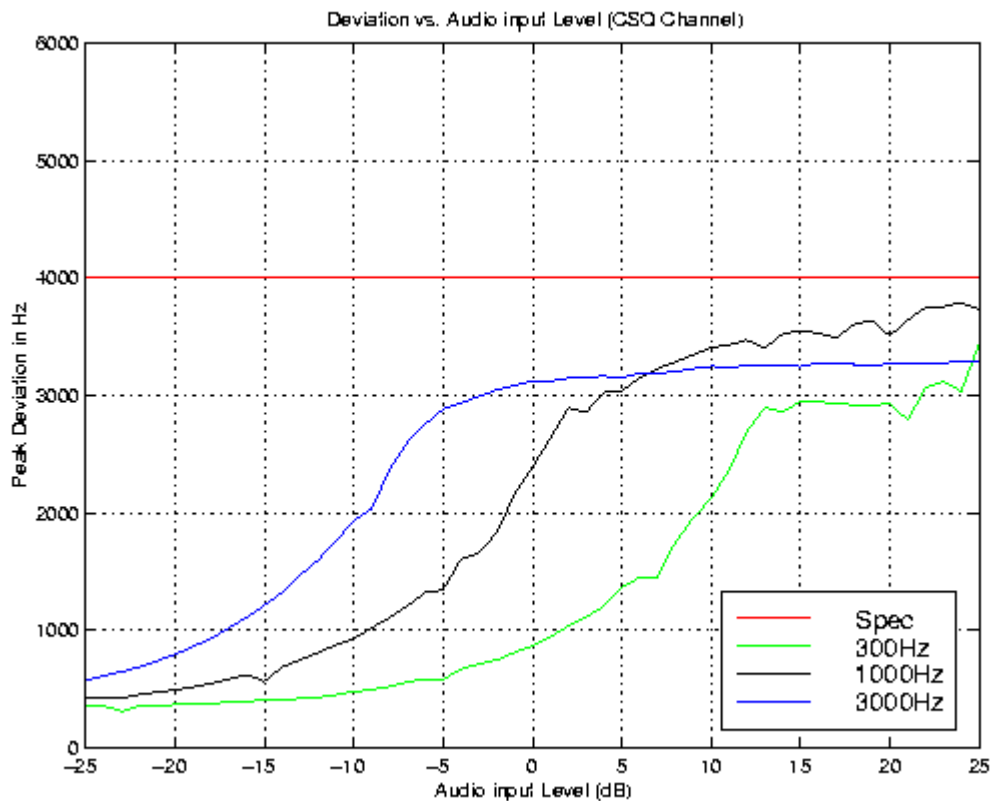
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



TEST REPORTMODULATION LIMITTING
DEVIATION vs. AUDIO INPUT LEVEL (TPL)

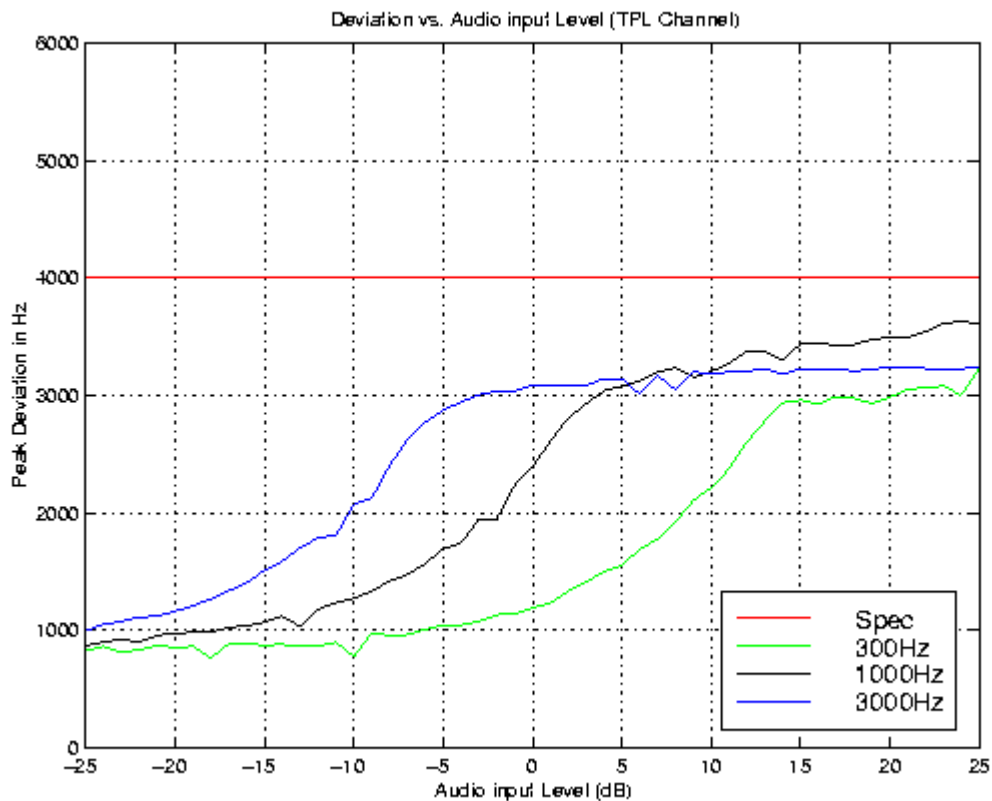
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



TEST REPORTMODULATION LIMITTING
DEVIATION vs. AUDIO INPUT LEVEL (DPL)

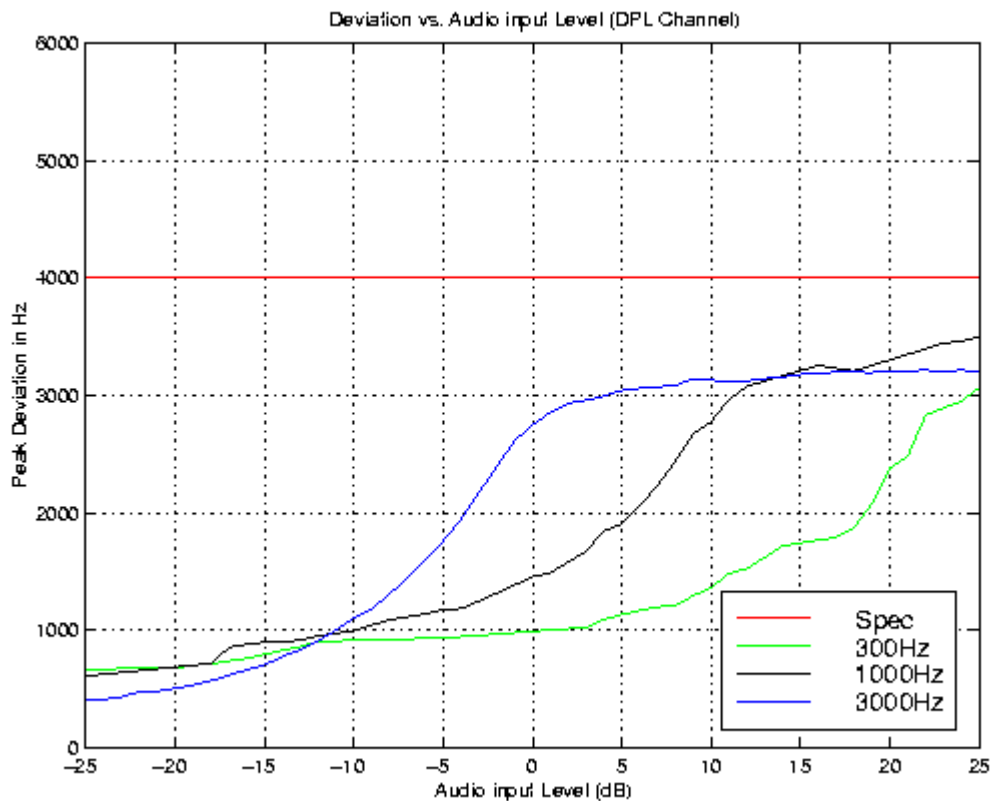
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 20KHz



TEST REPORT

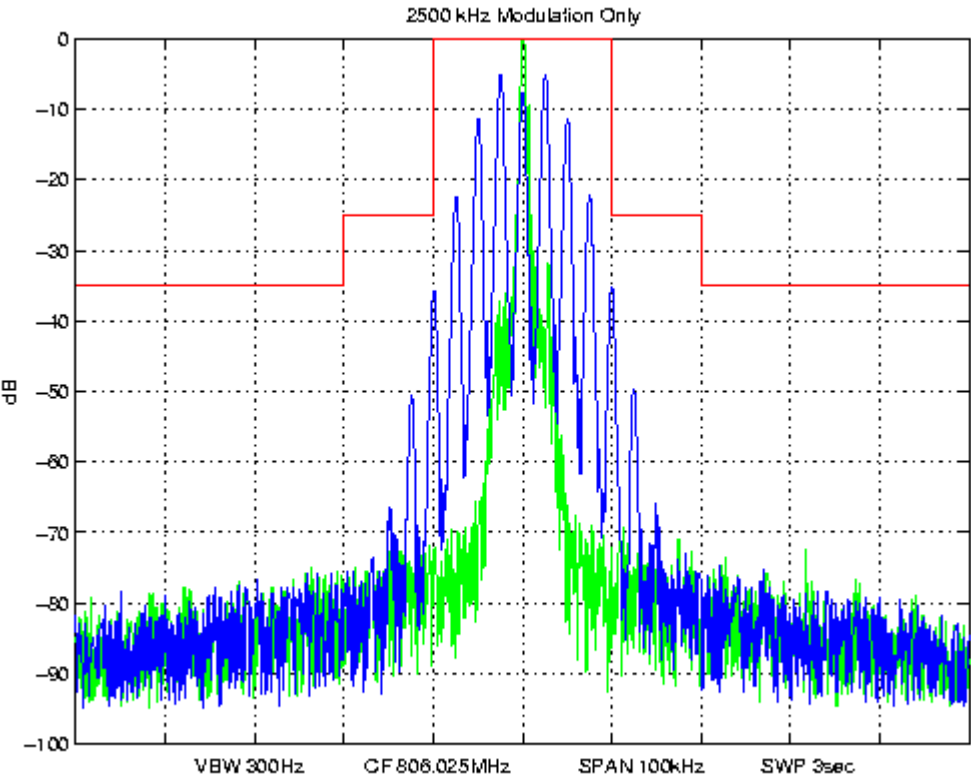
OCCUPIED BANDWIDTH
(2500 HZ AUDIO MODULATION ONLY)

Xmtr Type 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

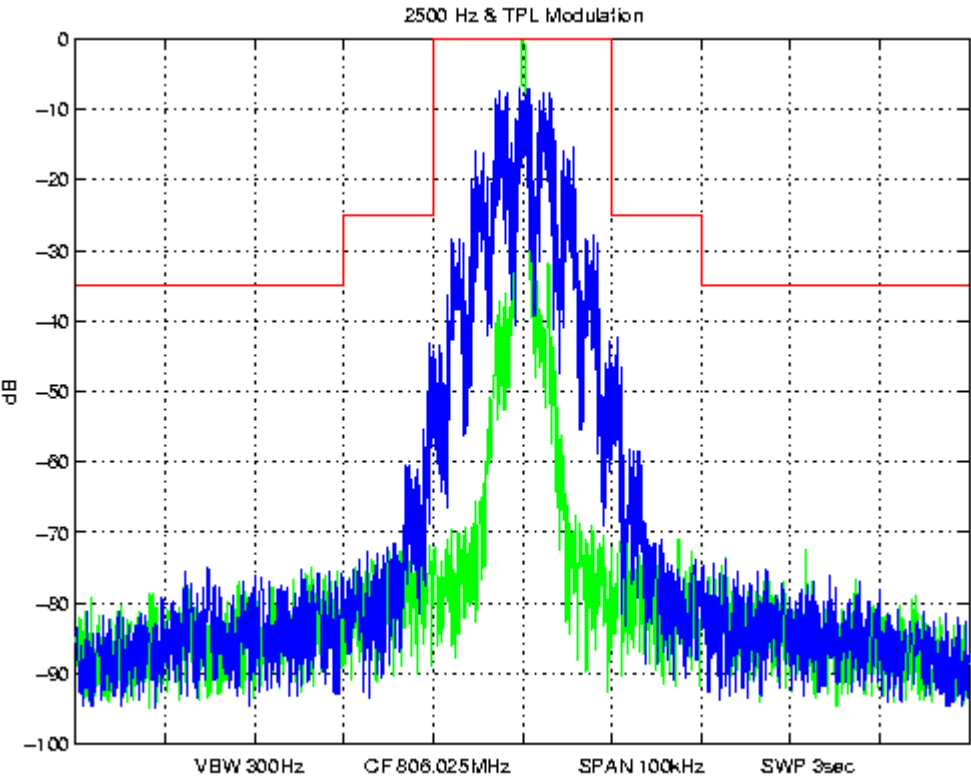
OCCUPIED BANDWIDTH
(2500 HZ AUDIO & PL TONE MODULATION)

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

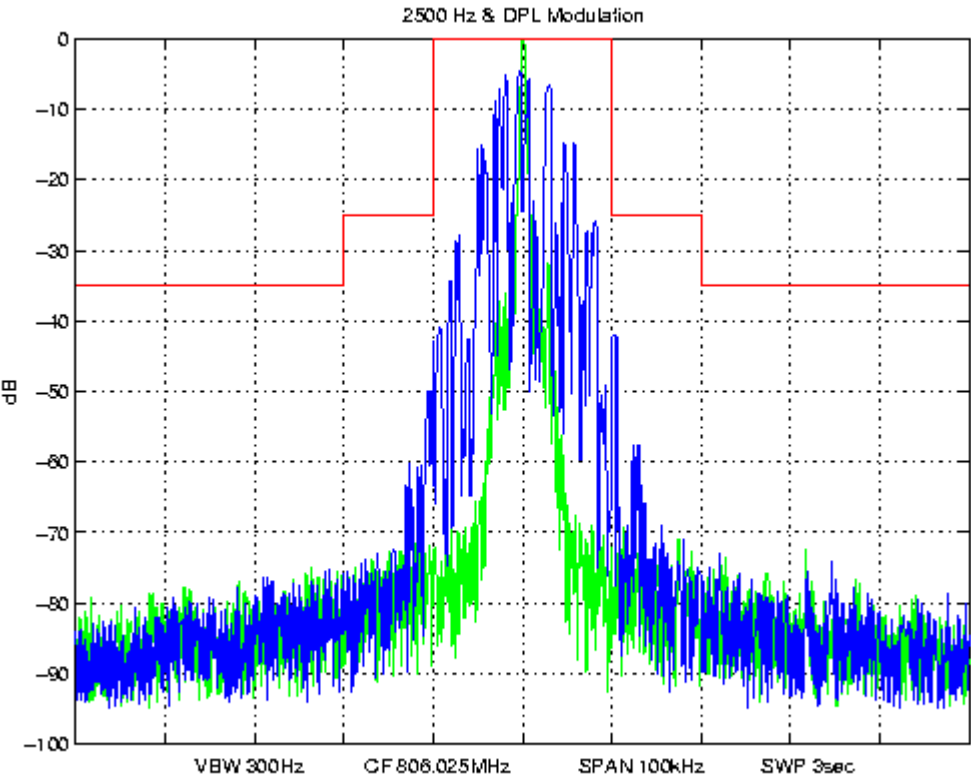
OCCUPIED BANDWIDTH
(2500 HZ AUDIO & DPL TONE MODULATION)

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

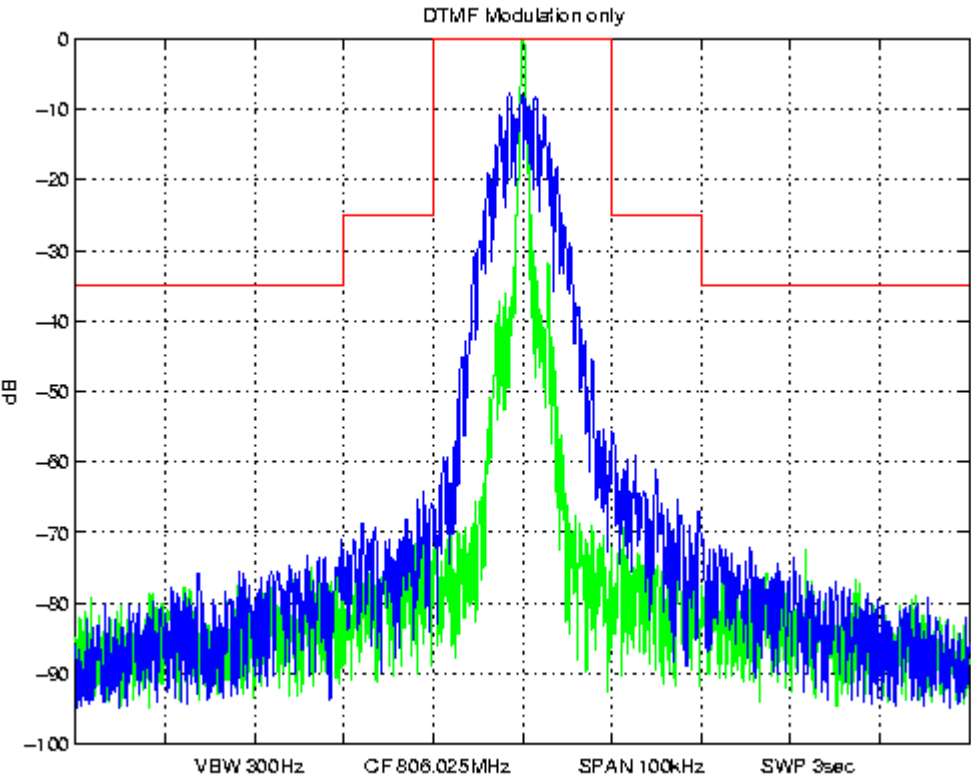
OCCUPIED BANDWIDTH
(DTMF MODULATION ONLY)

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 REPORTOCCUPIED BANDWIDTH
(DTMF MODULATION & PL TONE MODULATION)

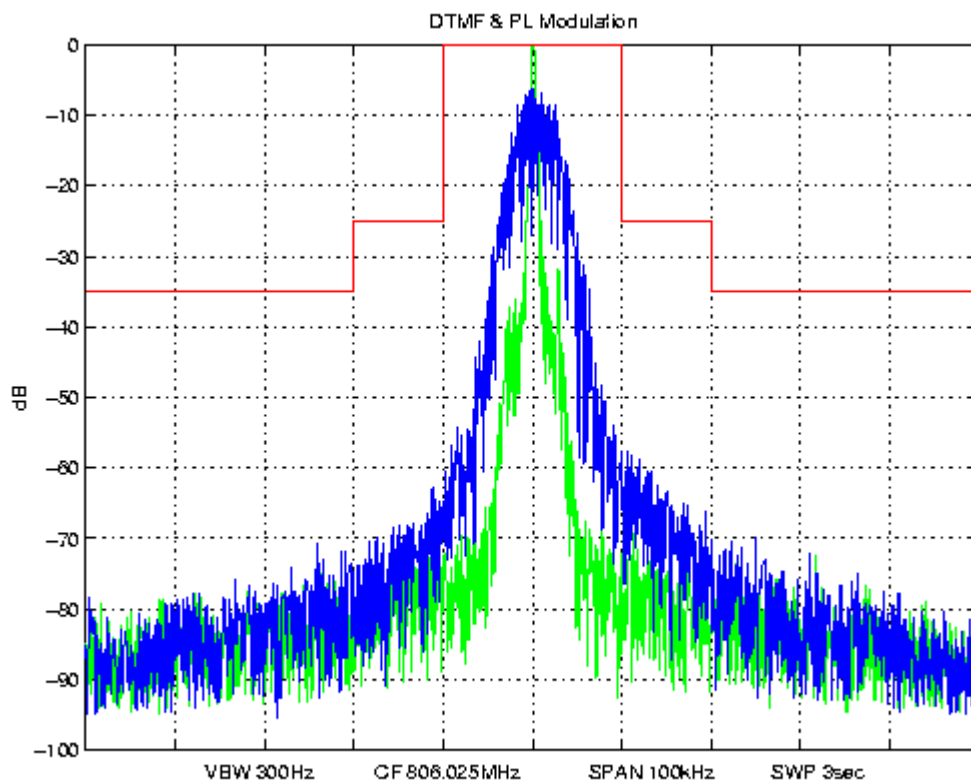
Xmtr Type AZ489FT5795

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 REPORTOCCUPIED BANDWIDTH
(DTMF MODULATION & DPL TONE MODULATION)

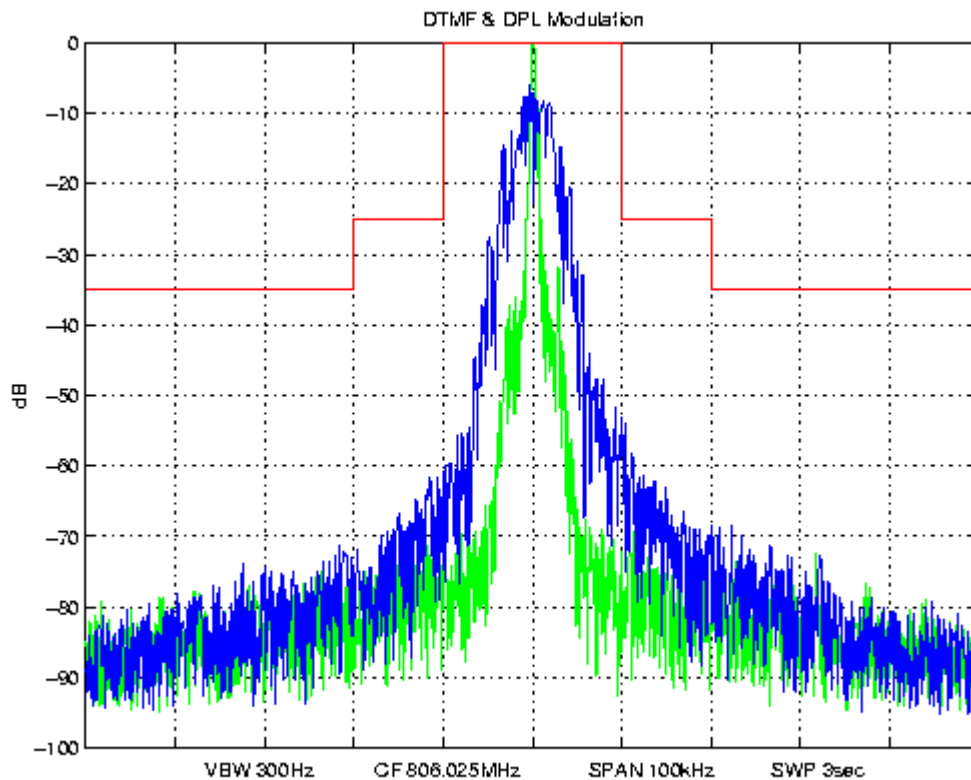
Xmtr Type AZ489FT5795

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 REPORTOCCUPIED BANDWIDTH
(TRUNKING HIGH-SPEED DATA)

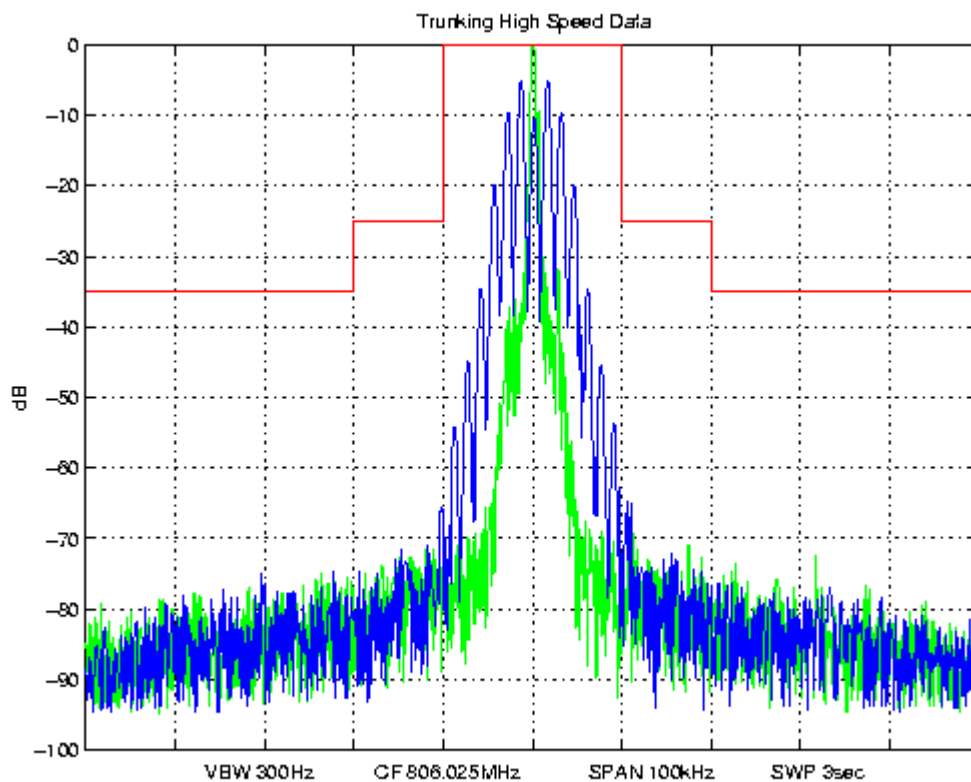
Xmtr Type AZ489FT5795

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

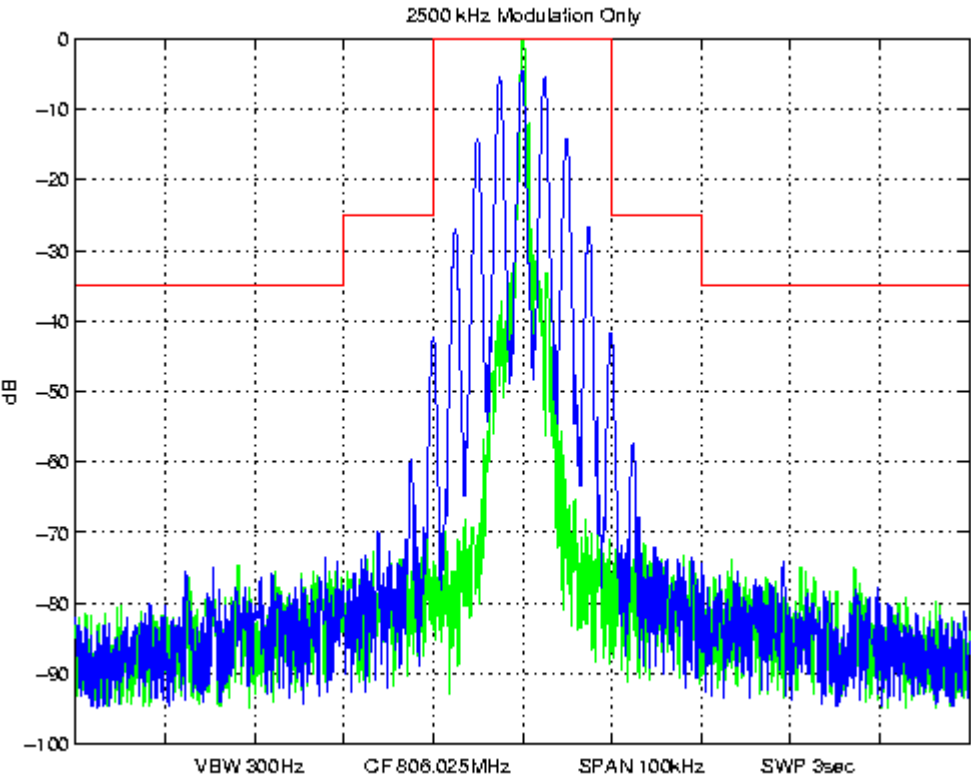
OCCUPIED BANDWIDTH
(2500 HZ AUDIO MODULATION ONLY)

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 REPORTOCCUPIED BANDWIDTH
(2500 HZ AUDIO & PL TONE MODULATION)

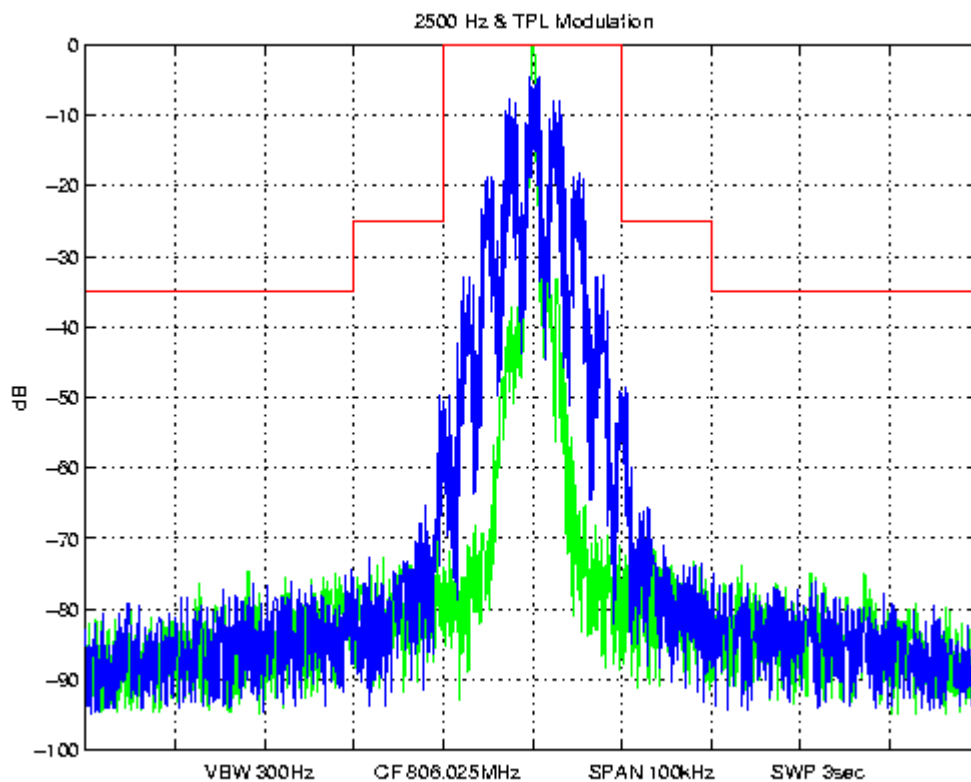
Xmtr Type AZ489FT5795

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 REPORTOCCUPIED BANDWIDTH
(2500 HZ AUDIO & DPL TONE MODULATION)

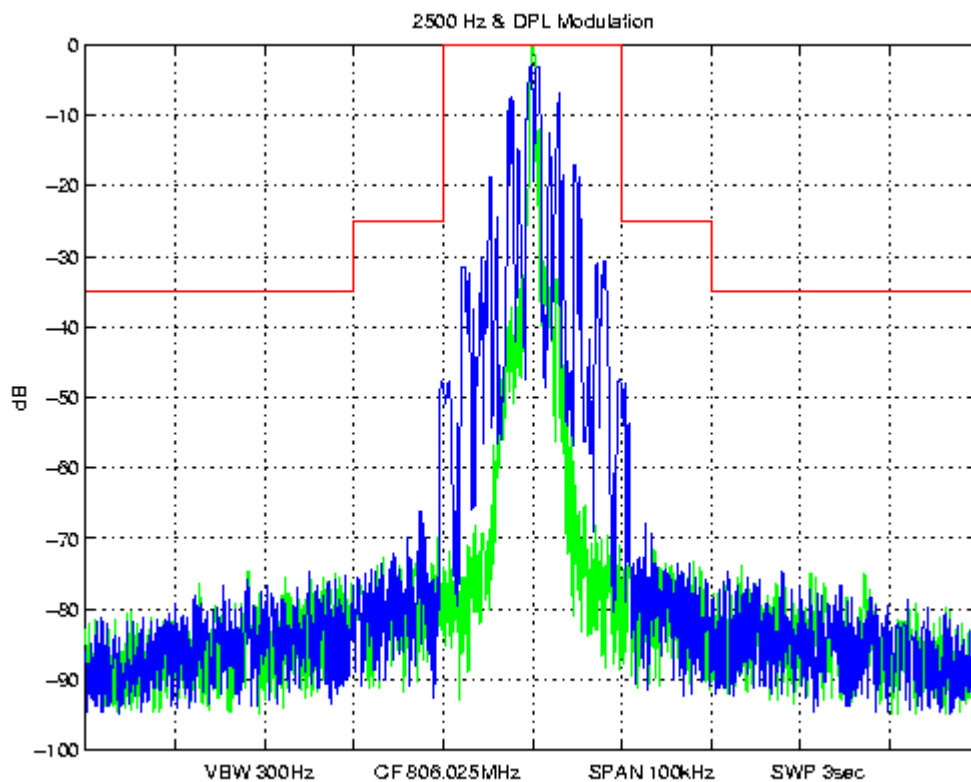
Xmtr Type AZ489FT5795

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)**

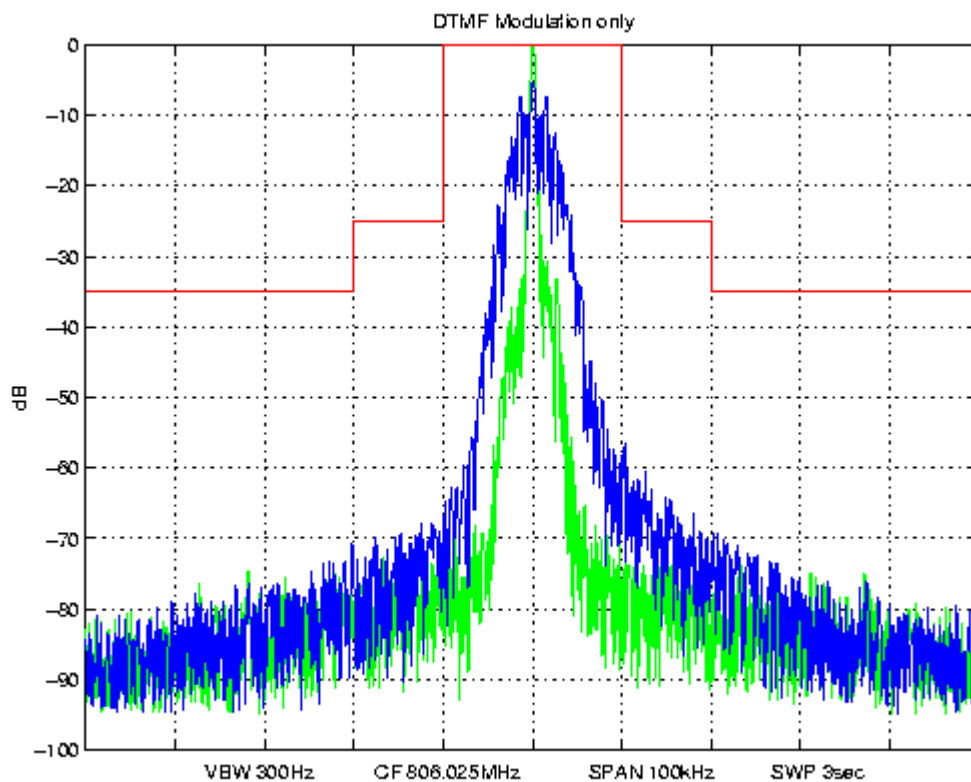
Xmtr Type AZ489FT5795

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 REPORTOCCUPIED BANDWIDTH
(DTMF MODULATION & PL TONE MODULATION)

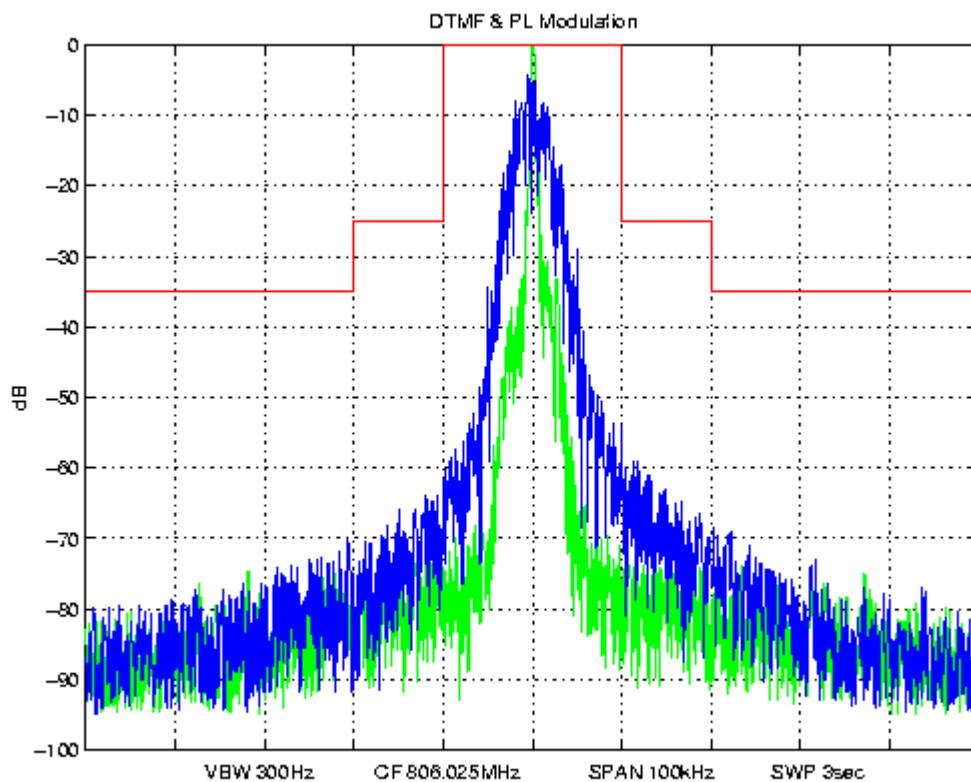
Xmtr Type AZ489FT5795

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

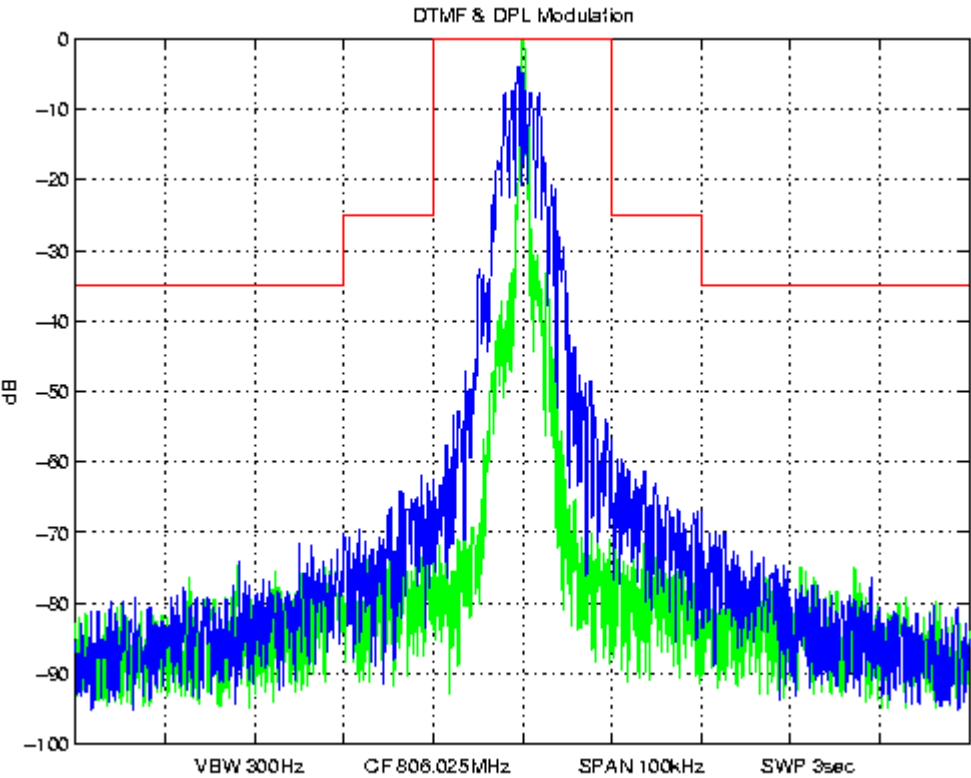
OCCUPIED BANDWIDTH
(DTMF MODULATION & DPL TONE MODULATION)

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 REPORTOCCUPIED BANDWIDTH
(TRUNKING HIGH SPEED DATA)

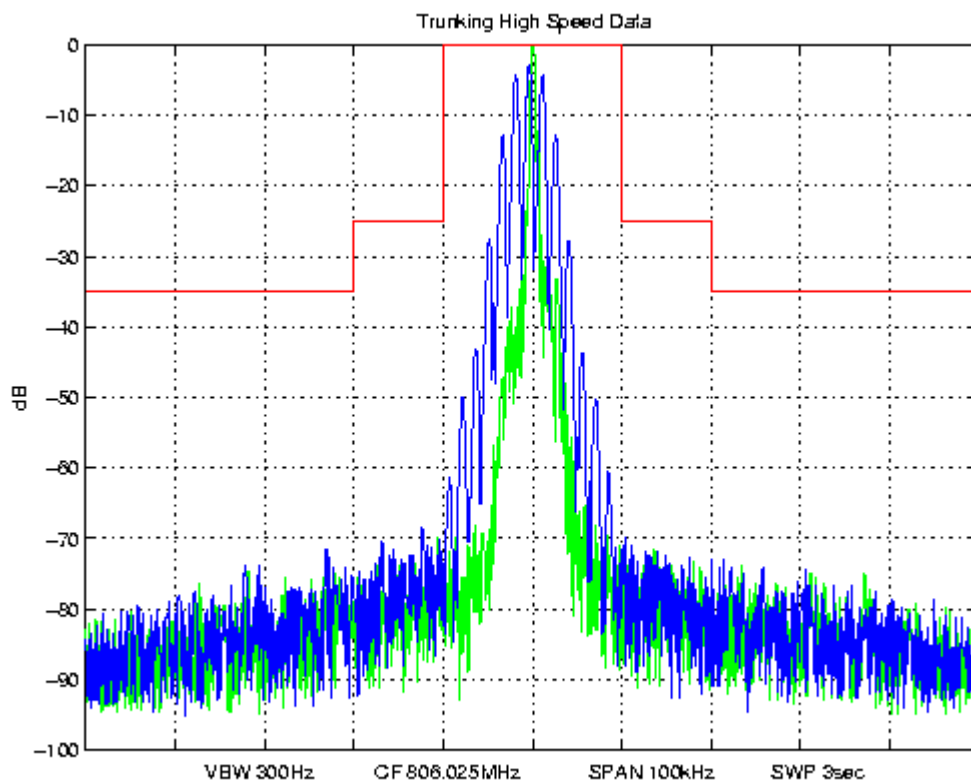
Xmtr Type AZ489FT5795

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 REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

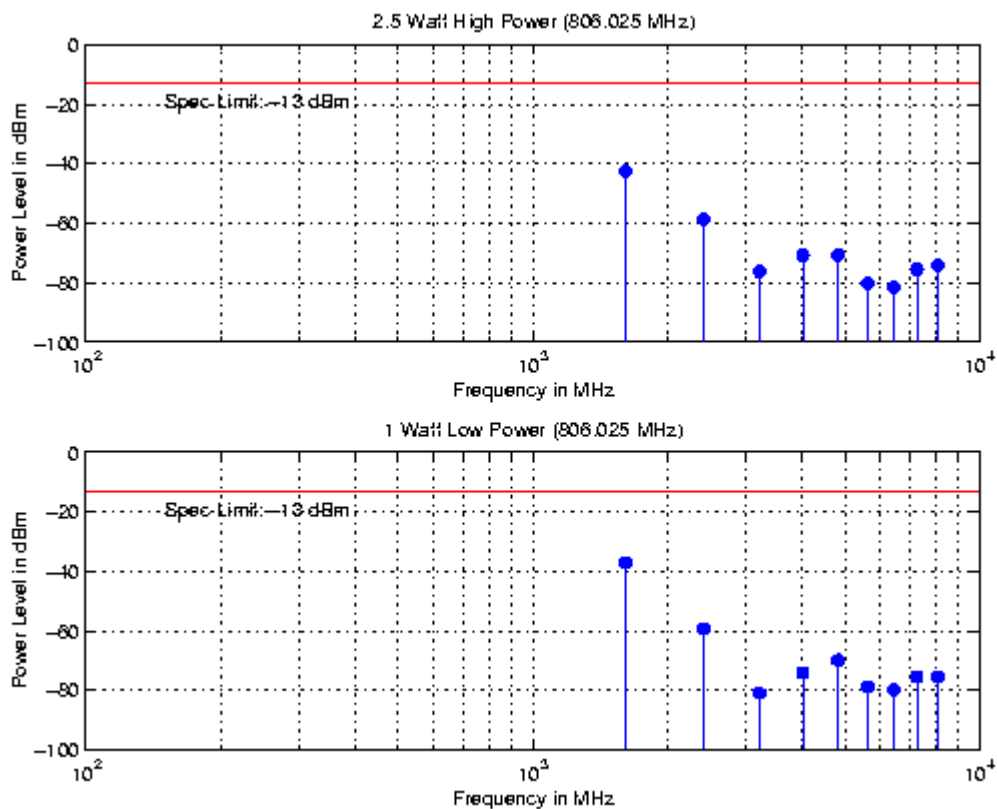
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



TEST REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

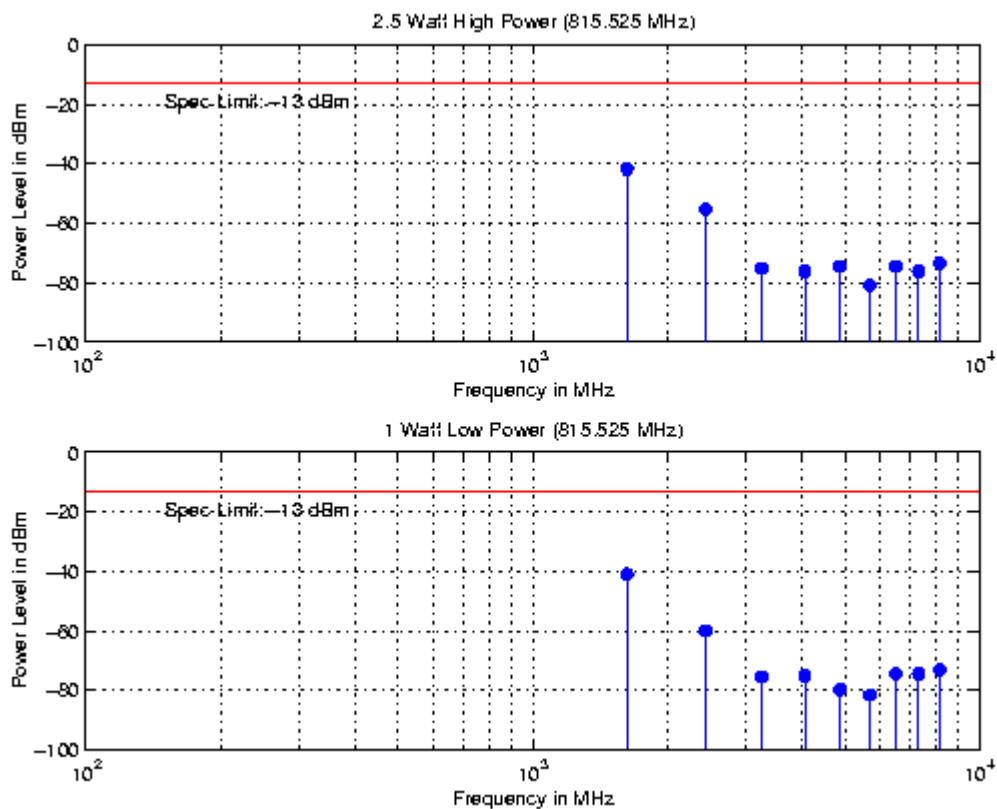
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 815.525 MHz

Channel Spacing: 25KHz



TEST REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

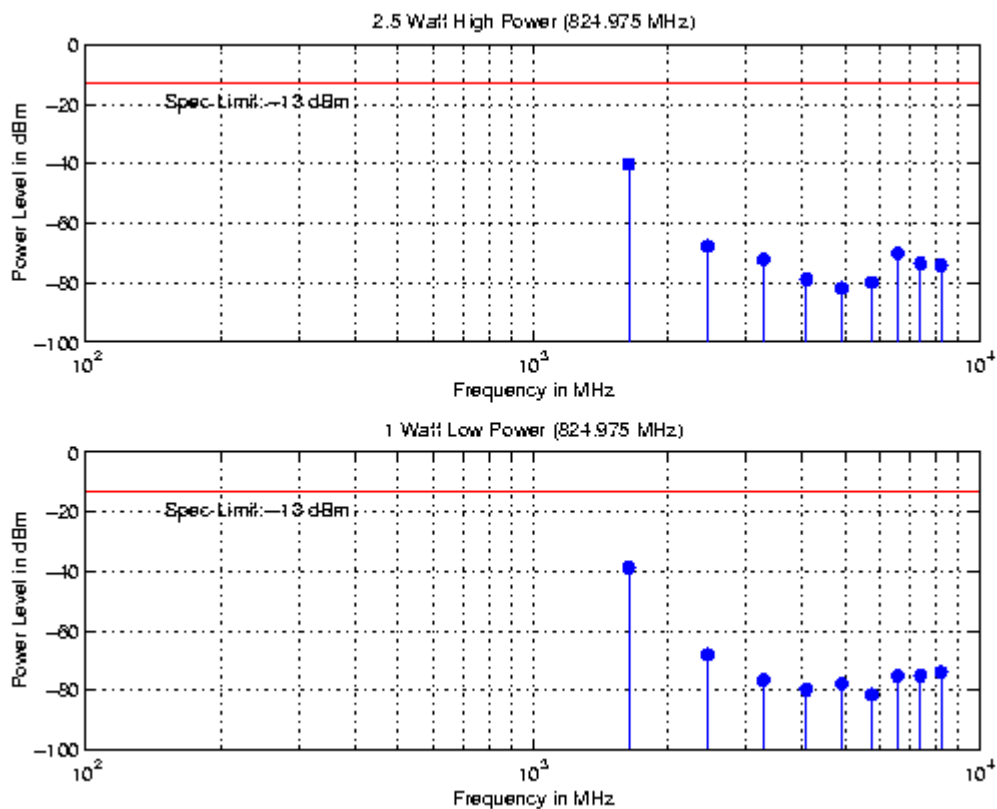
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 824.975 MHz

Channel Spacing: 25KHz



TEST REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

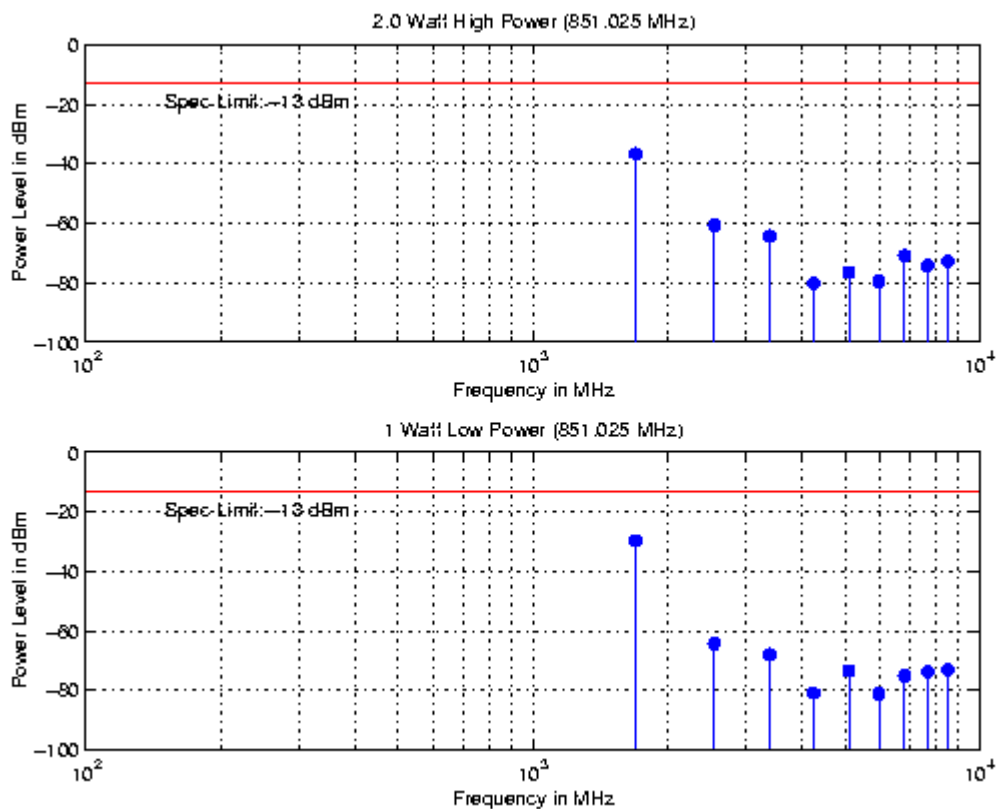
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 851.0125MHz

Channel Spacing: 25KHz



TEST REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

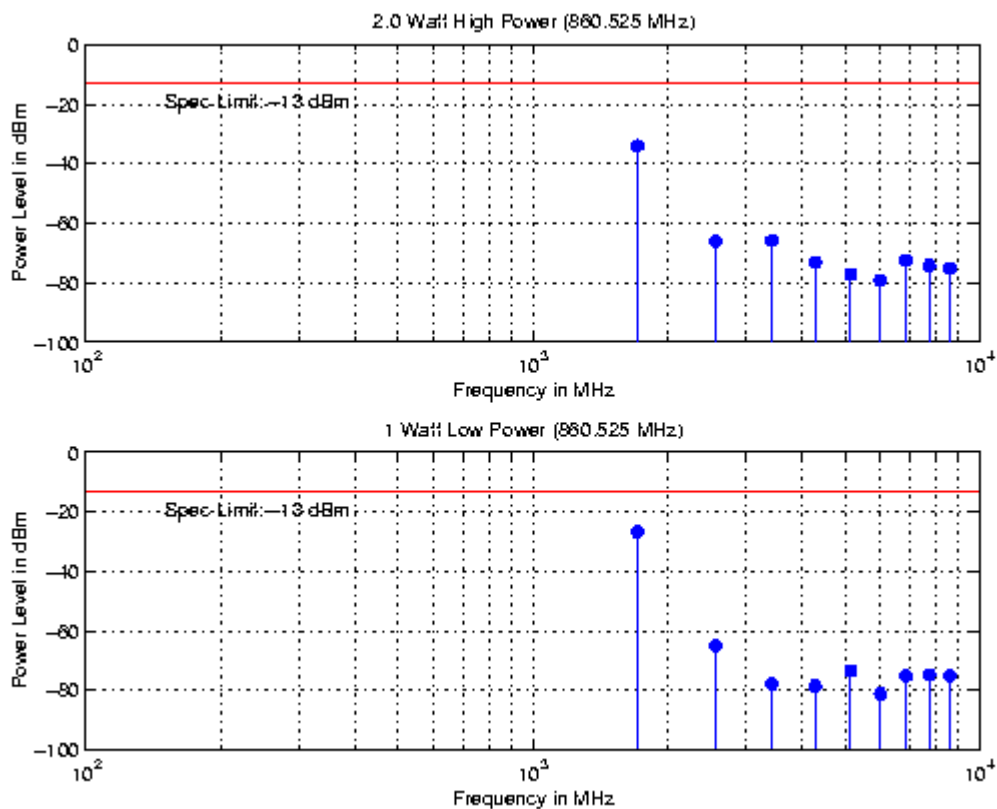
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 860.525 MHz

Channel Spacing: 25KHz



TEST REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
CONDUCTED SPURIOUS AND HARMONIC EMISSIONS

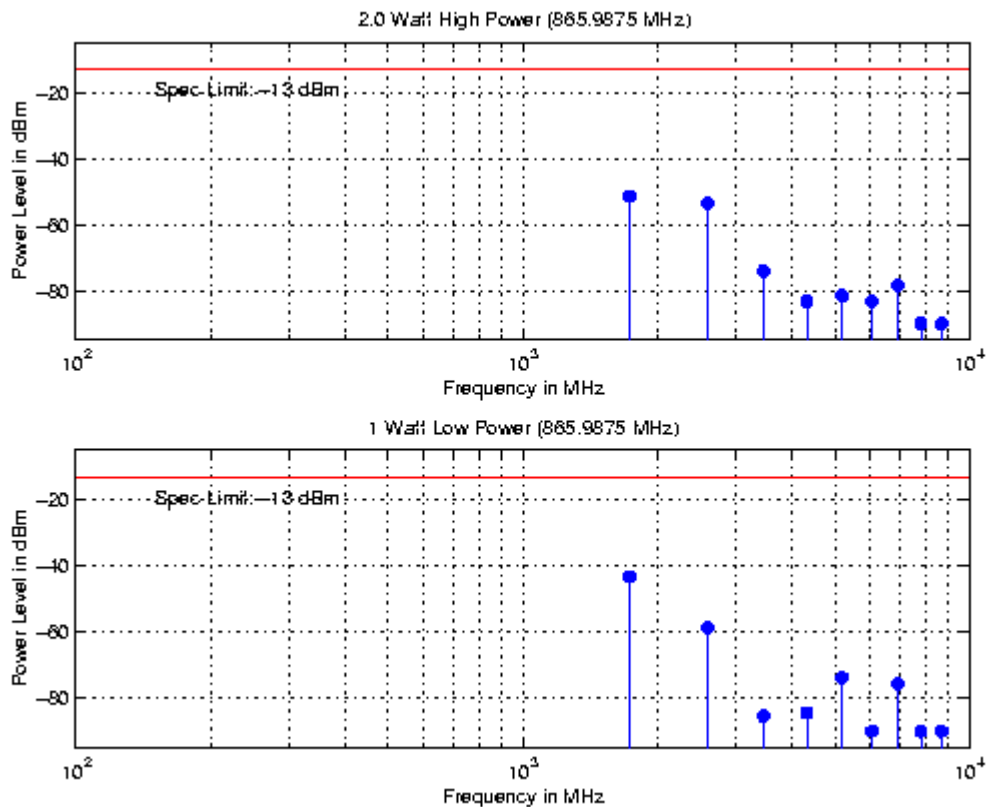
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 869.975 MHz

Channel Spacing: 25KHz



TEST REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
RADIATED SPURIOUS AND HARMONIC EMISSIONS

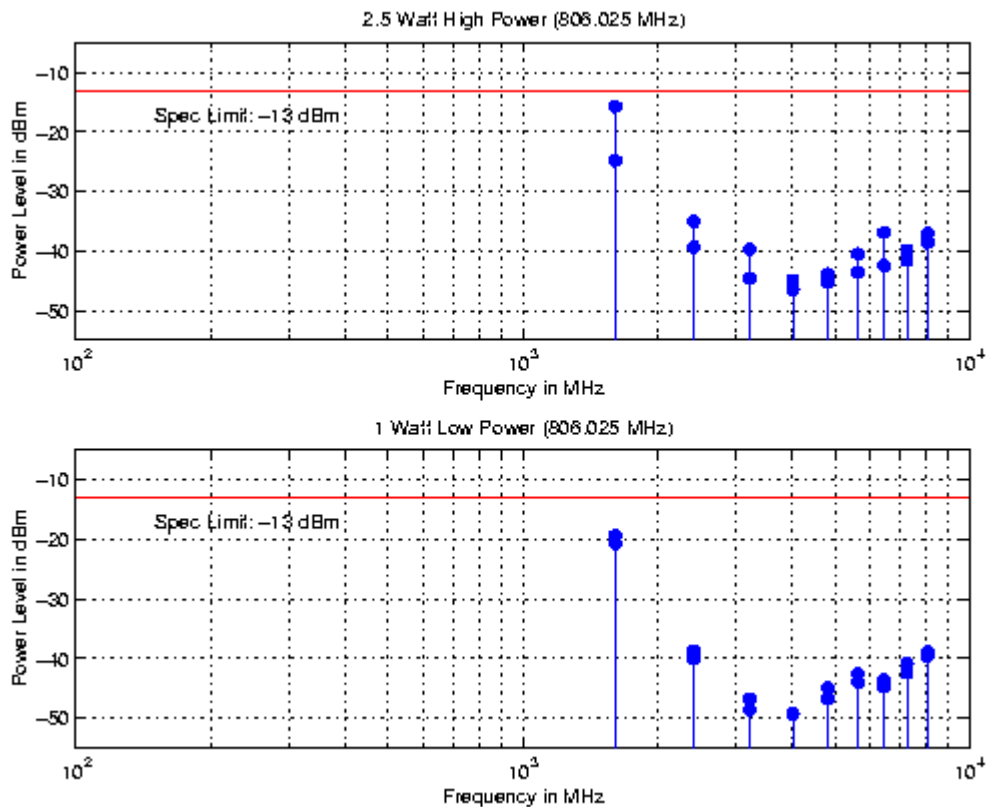
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

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 REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
RADIATED SPURIOUS AND HARMONIC EMISSIONS

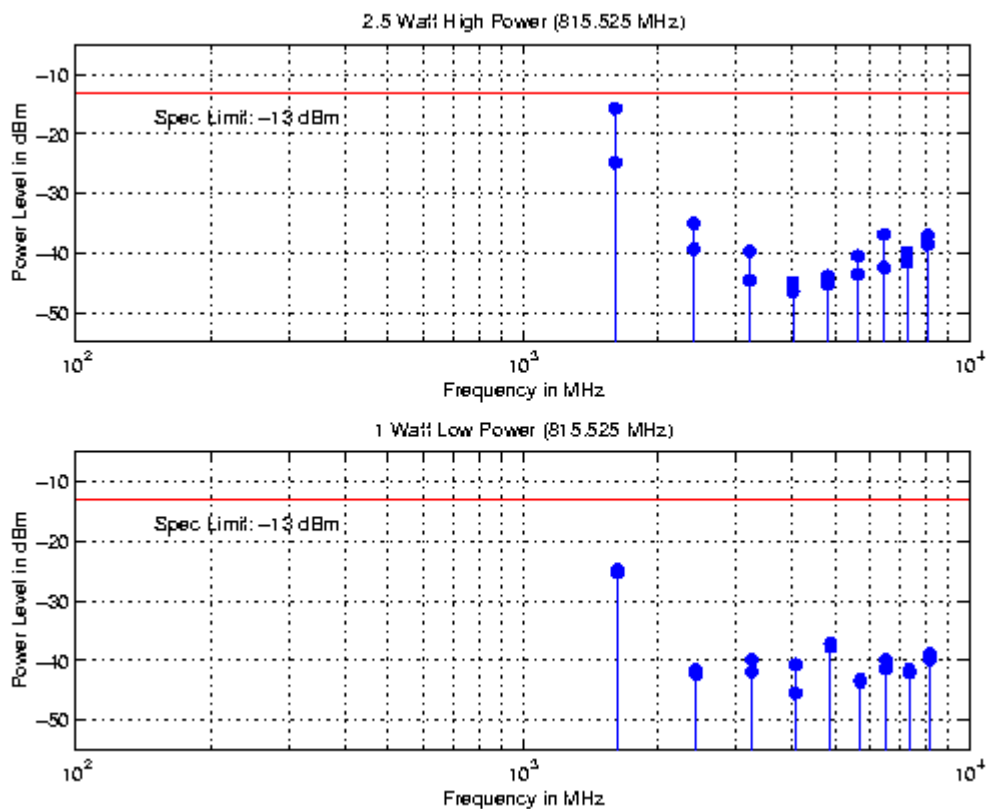
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

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 REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
RADIATED SPURIOUS AND HARMONIC EMISSIONS

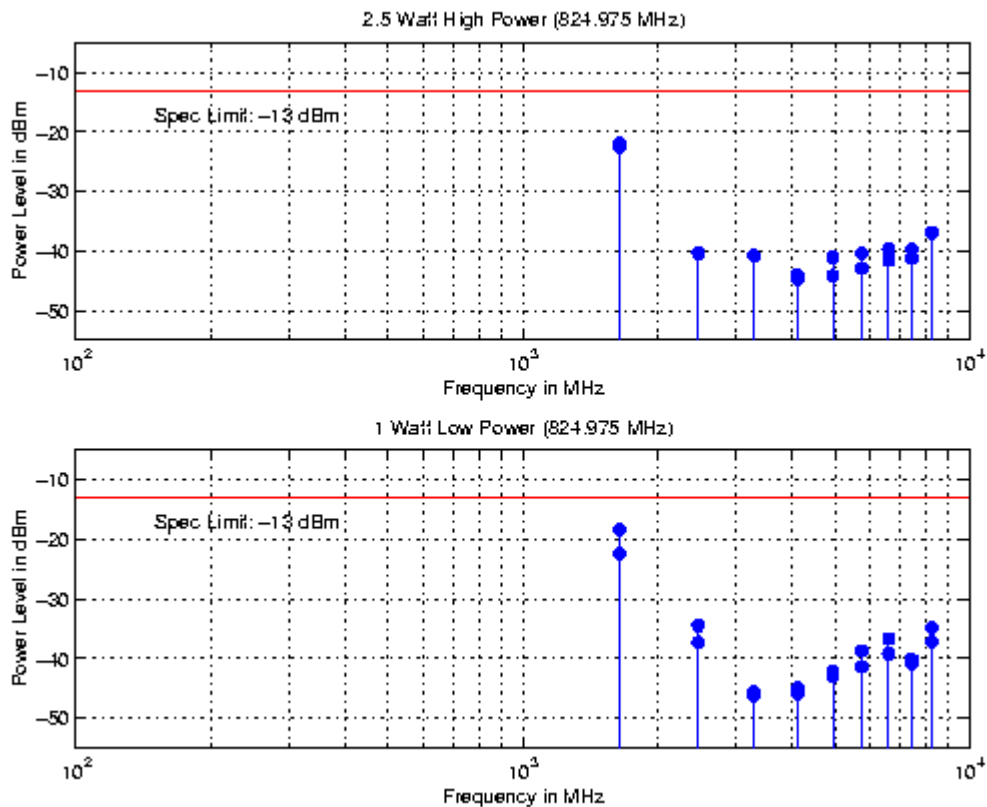
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 824.975 MHz

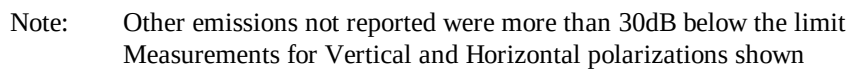
Channel Spacing: 25KHz



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

TRANSMITTER SPURIOUS EMISSION CHARACTERISTIC RADIATED SPURIOUS AND HARMONIC EMISSIONS

Channel Spacing: 25KHz



TEST REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
RADIATED SPURIOUS AND HARMONIC EMISSIONS

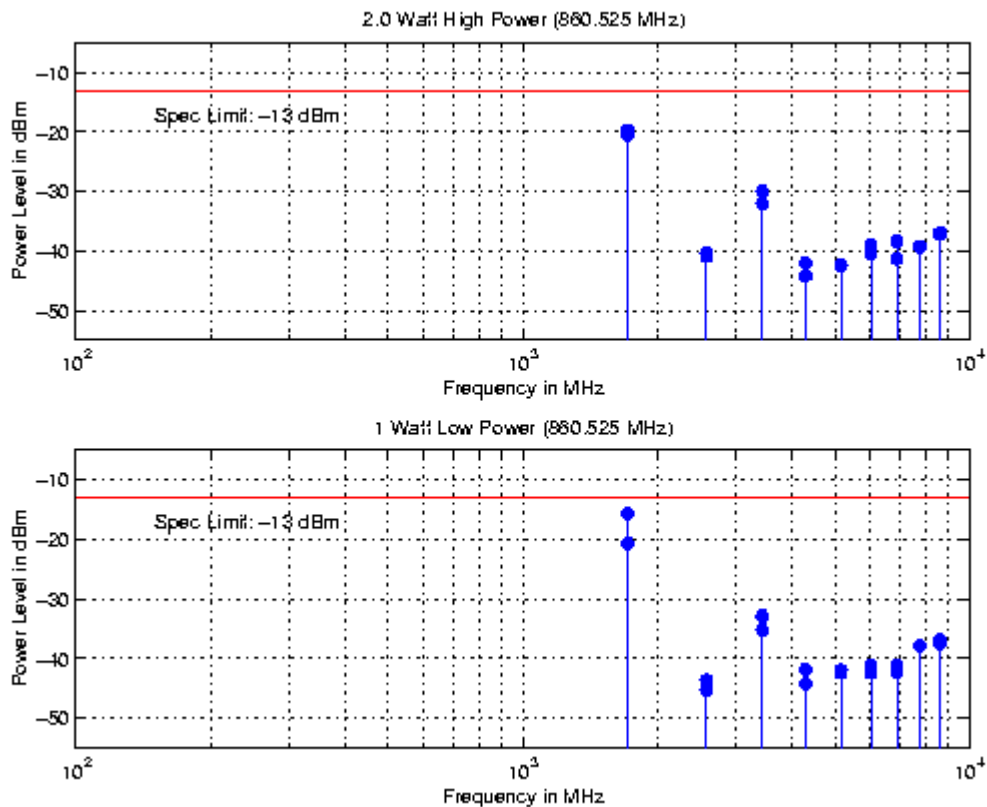
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 860.525 MHz

Channel Spacing: 25KHz



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

TEST REPORTTRANSMITTER SPURIOUS EMISSION CHARACTERISTIC
RADIATED SPURIOUS AND HARMONIC EMISSIONS

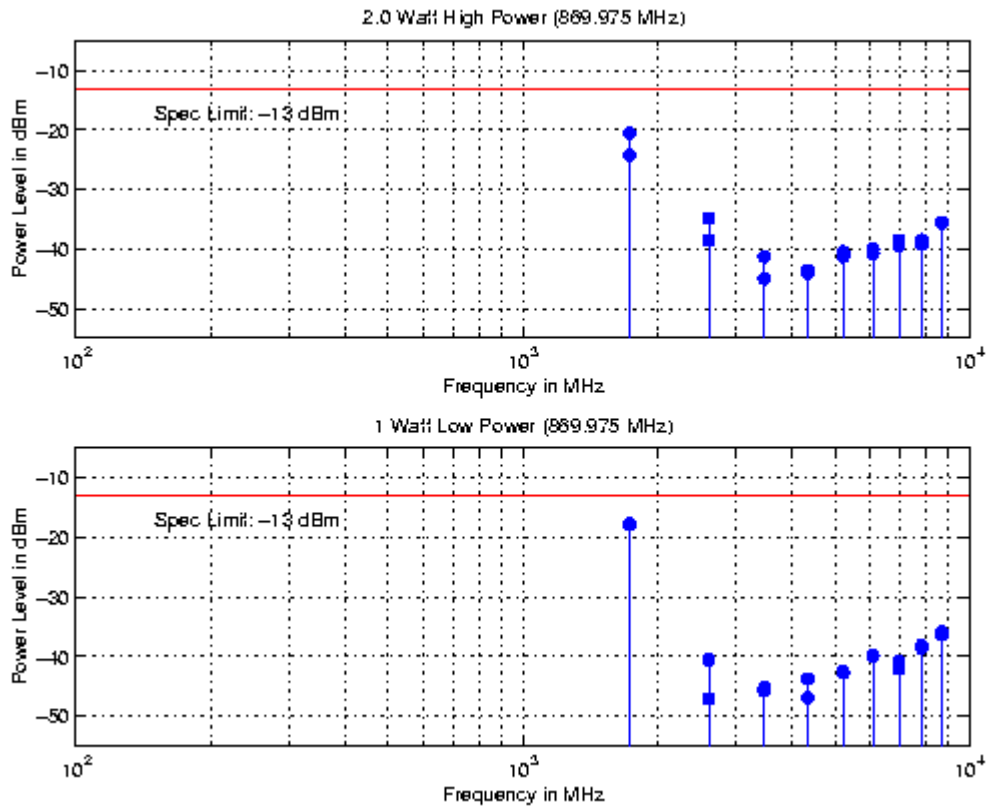
Xmtr Type FCC ID: AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

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 REPORTCRYSTAL OSCILLATOR STABILITY CHARACTERISTIC
FREQUENCY vs. TEMPERATURE

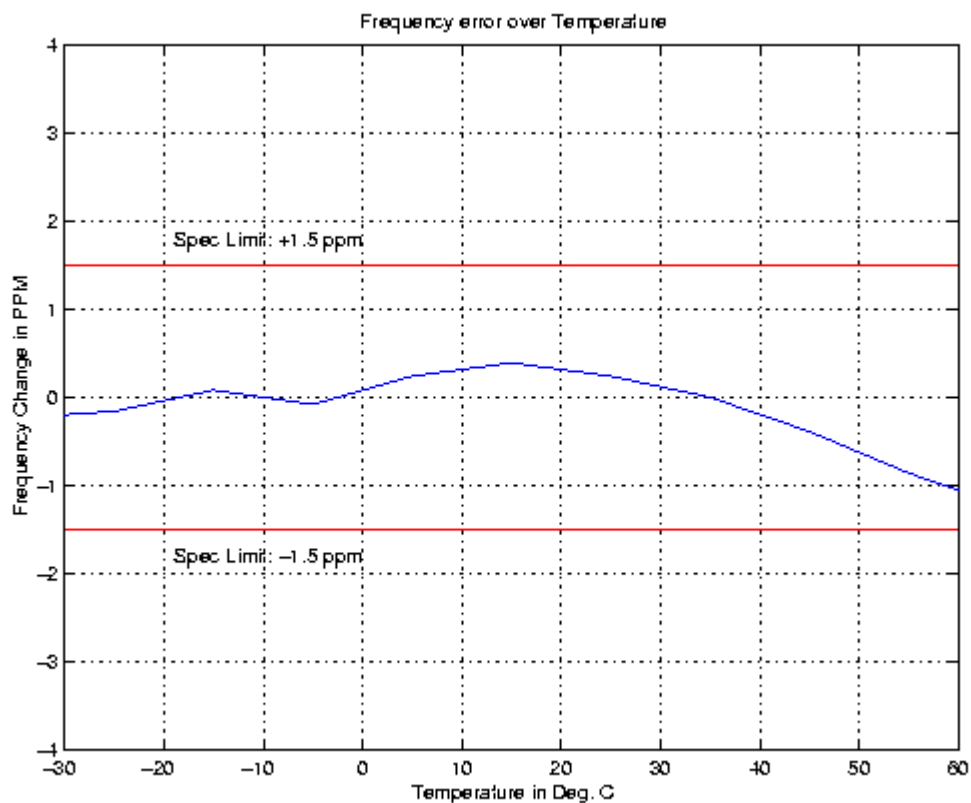
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



TEST REPORTSTABILITY CHARACTERISTIC
FREQUENCY vs. VOLTAGE

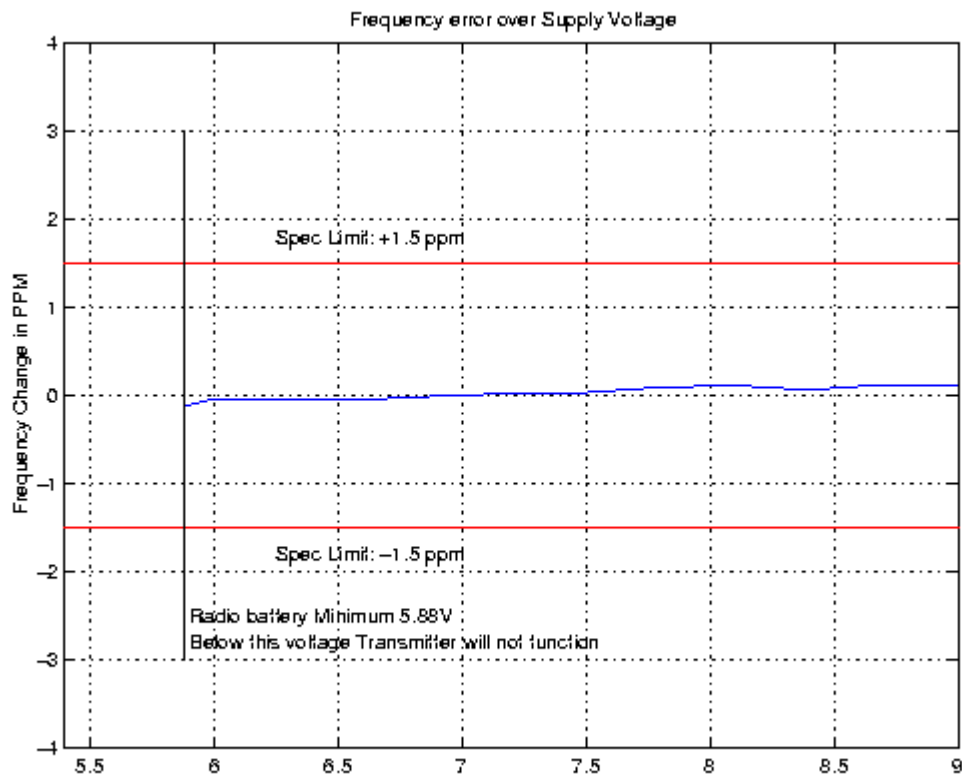
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



TEST REPORTCRYSTAL OSCILLATOR STABILITY CHARACTERISTIC
FREQUENCY vs. TEMPERATURE

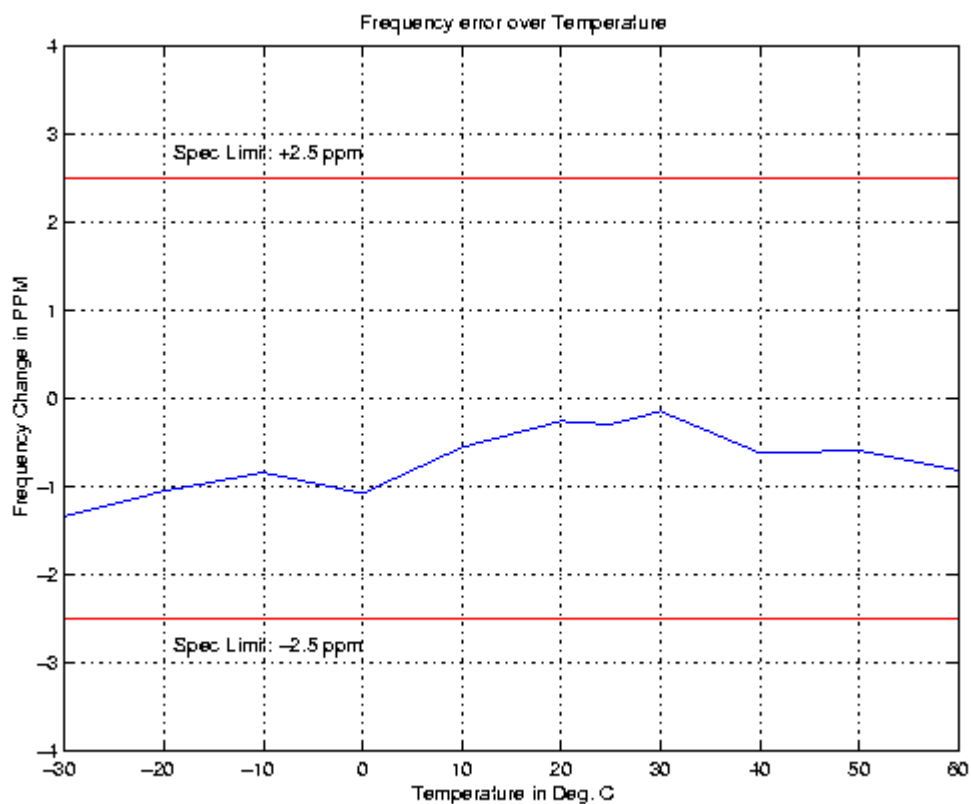
Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz



TEST REPORTSTABILITY CHARACTERISTIC
FREQUENCY vs. VOLTAGE

Xmtr Type AZ489FT5795

Date Dec 21, 1999

Signature Hugh Phillips

Frequency: 806.025 MHz

Channel Spacing: 25KHz

