TEST REPORT DATA INDEX

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TEST REPORT

RF OUTPUT POWER

Date: Nov.15, 2000

Signature: Gilbert Wang

Channel: 12.5kHz

HIGH-POWER SETTING	**FREQUENCY 896.012MHz**
RF POWER OUTPUT (Watts):	2.79
DC Voltage (Volts):	7.50
DC Current (Amps):	1.19
DC Input Power (Watts):	8.925

HIGH-POWER SETTING	**FREQUENCY 901.987MHz**
RF POWER OUTPUT (Watts):	2.77
DC Voltage (Volts):	7.50
DC Current (Amps):	1.16
DC Input Power (Watts):	8.70

HIGH-POWER SETTING	**FREQUENCY 935.012MHz**
RF POWER OUTPUT (Watts):	2.81
DC Voltage (Volts):	7.50
DC Current (Amps):	1.13
DC Input Power (Watts):	8.457

HIGH-POWER SETTING	**FREQUENCY 941.987MHz**
RF POWER OUTPUT (Watts):	2.85
DC Voltage (Volts):	7.50
DC Current (Amps):	1.14
DC Input Power (Watts):	8.55

TEST REPORT

RF OUTPUT POWER

Date: Nov.15, 2000

Signature: Gilbert Wang

Channel: 12.5kHz

LOW-POWER SETTING	**FREQUENCY 896.012MHz**
RF POWER OUTPUT (Watts):	1.26
DC Voltage (Volts):	7.50
DC Current (Amps):	0.86
DC Input Power (Watts):	6.45

LOW-POWER SETTING	**FREQUENCY 901.987MHz**
RF POWER OUTPUT (Watts):	1.221
DC Voltage (Volts):	7.50
DC Current (Amps):	0.83
DC Input Power (Watts):	6.225

LOW-POWER SETTING	**FREQUENCY 935.012MHz**
RF POWER OUTPUT (Watts):	1.219
DC Voltage (Volts):	7.50
DC Current (Amps):	0.83
DC Input Power (Watts):	6.225

LOW-POWER SETTING	**FREQUENCY 941.987MHz**
RF POWER OUTPUT (Watts):	1.210
DC Voltage (Volts):	7.50
DC Current (Amps):	0.83
DC Input Power (Watts):	6.225

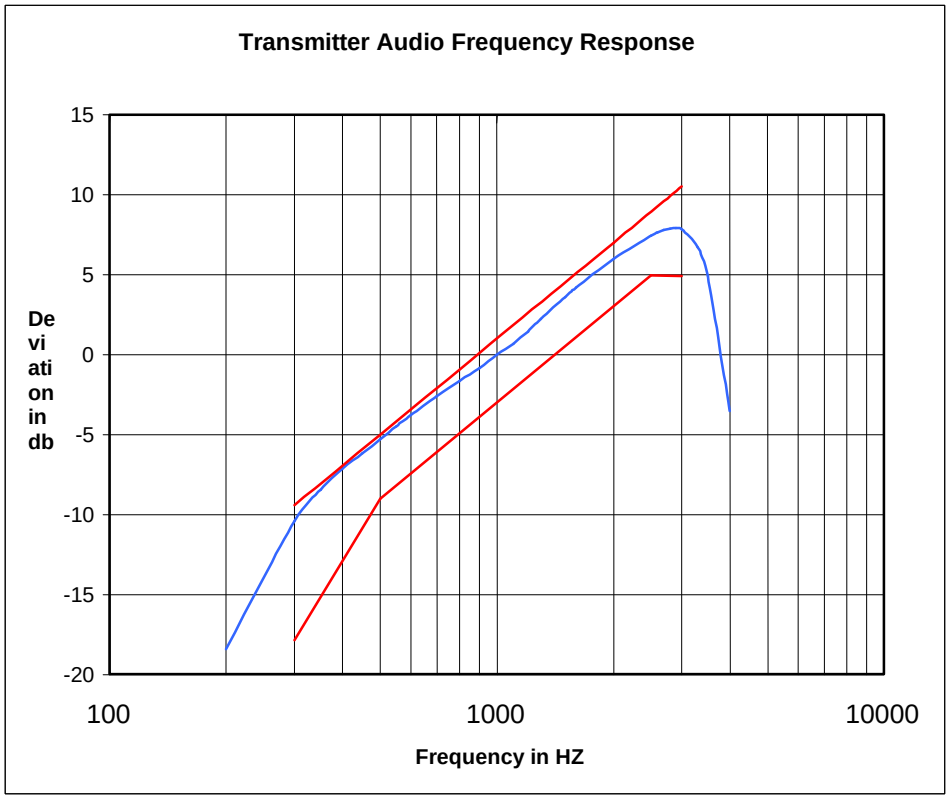
TEST REPORT

TRANSMITTER AUDIO FREQUENCY RESPONSE
DEVIATION vs. FREQUECNY

Date Nov.28, 2000

Signature: Gilbert Wang

Frequency: 940.9875 MHz
Channel Spacing: 12.5kHz



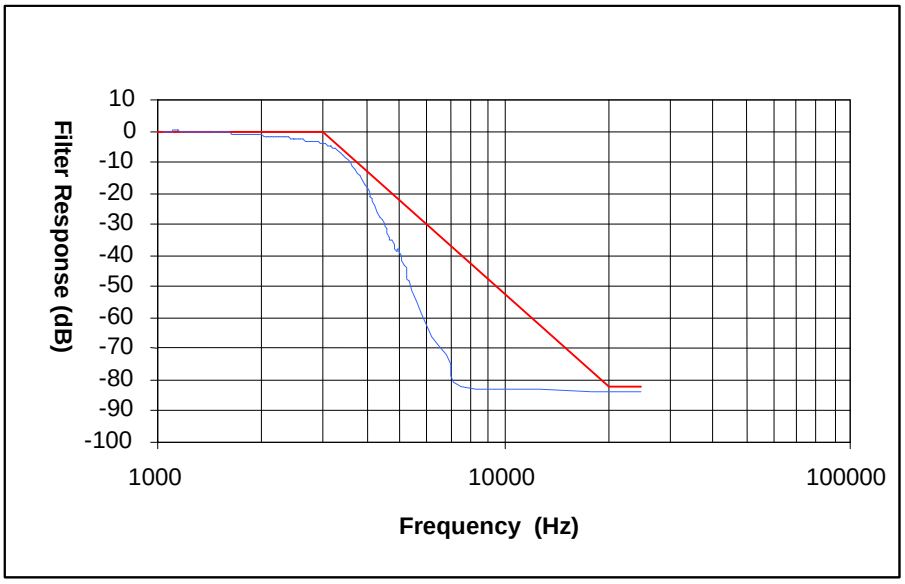
TEST REPORT

TRANSMITTER POST–LOW PAST FILTER RESPONSE
FILTER OUTPUT vs. AUDIO FREQUENCY

Date Nov.28, 2000

Signature: Gilbert Wang

Frequency: 940.9875 MHz
Channel Spacing: 12.5 kHz



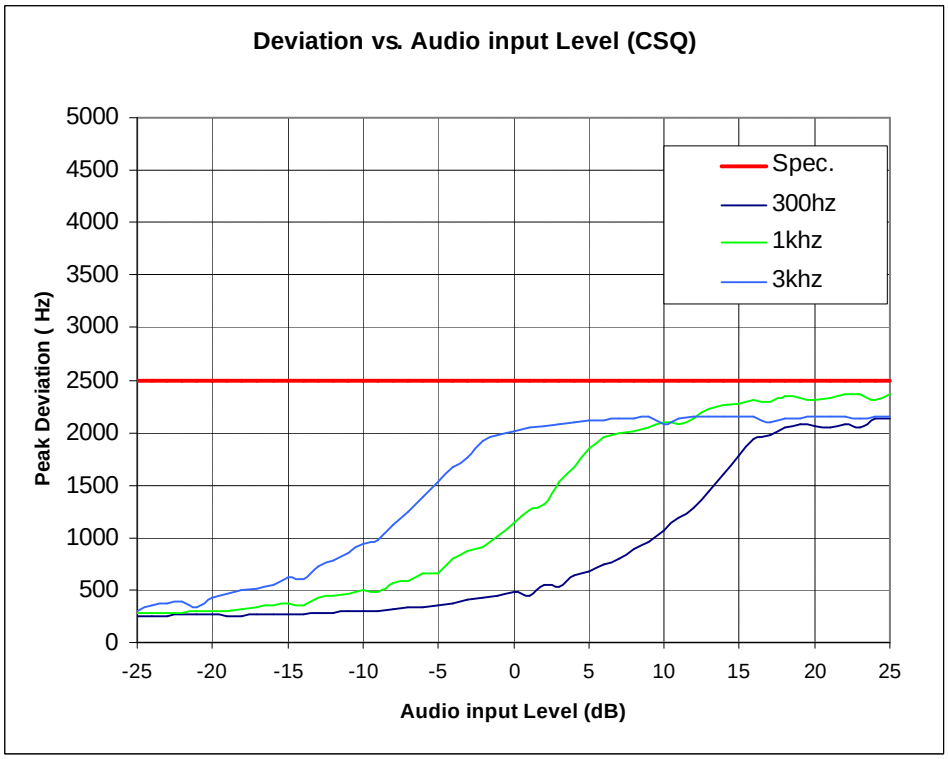
TEST REPORT

MODULATION LIMMITTING
DEVIATION vs. AUDIO INPUT LEVEL (CSQ)

Date: Dec.2, 2000

Signature: Gilbert Wang

Channel Spacing: 12.5kHz
Frequency: 935.025MHz



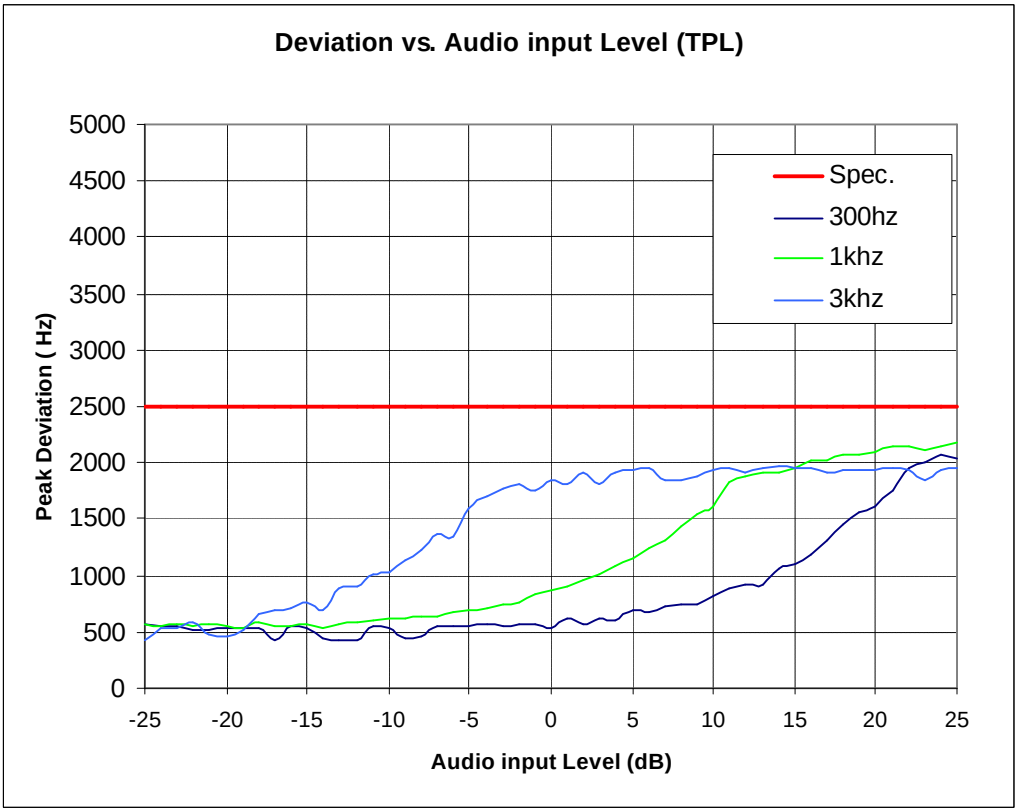
TEST REPORT

MODULATION LIMMITTING
DEVIATION vs. AUDIO INPUT LEVEL (TPL)

Date: Dec.4, 2000

Signature: Gilbert Wang

Channel Spacing: 12.5kHz
Frequency: 935.025MHz



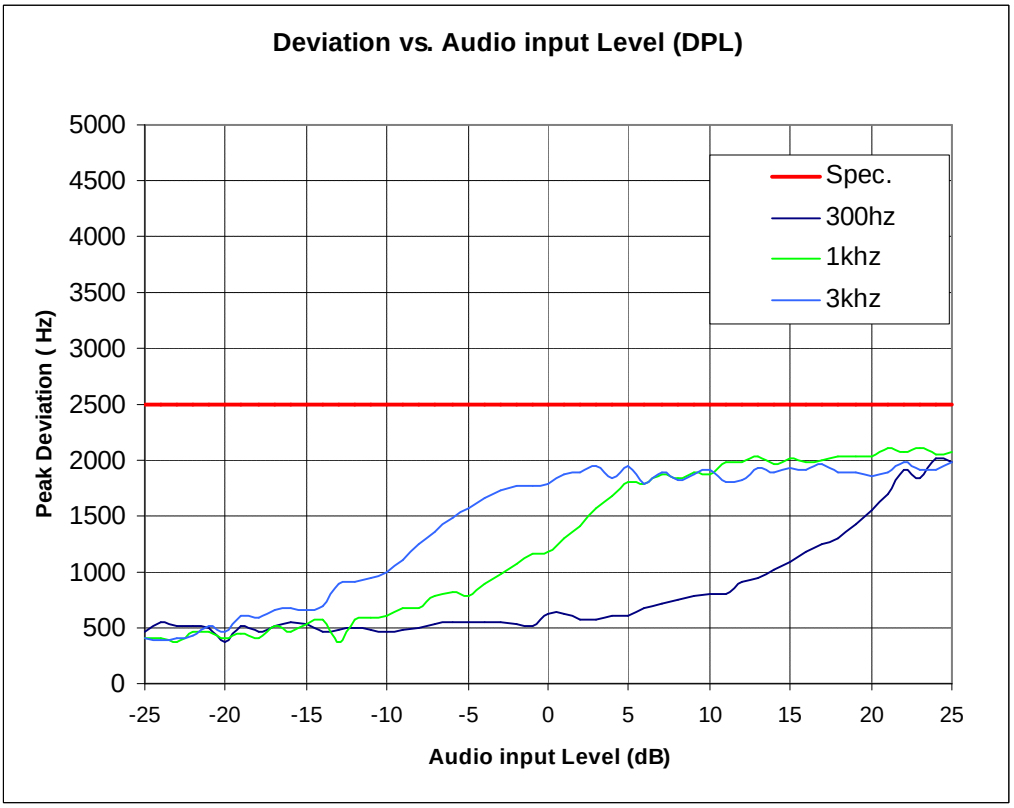
TEST REPORT

MODULATION LIMMITTING
DEVIATION vs. AUDIO INPUT LEVEL (DPL)

Date: Dec.4, 2000

Signature: Gilbert Wang

Channel Spacing: 12.5kHz
Frequency: 935.025MHz



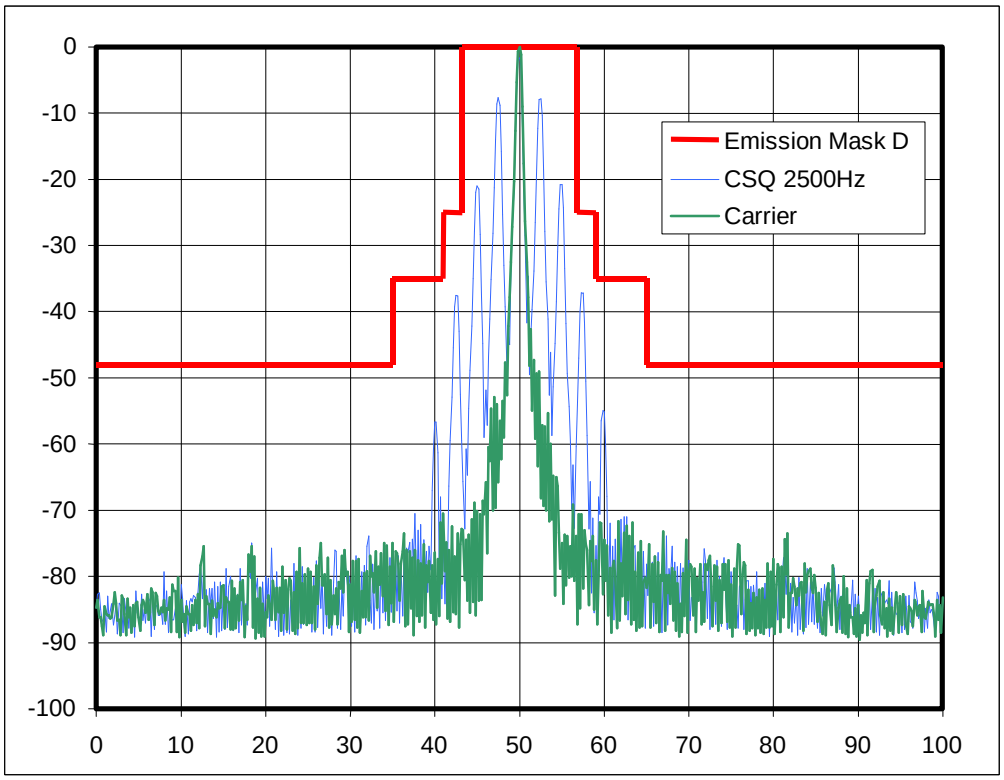
TEST REPORT

OCCUPIED BANDWIDTH
(2500HZ Audio & CSQ Modulation)

Date: Dec.4, 2000

Signature: Gilbert Wang

Channel Spacing: 12.5kHz
Frequency: 935.025MHz



Resolution Bandwidth	300HZ
Video Bandwidth	300HZ
Scale	10db/div
Attenuation	20db
Sweep Time	3Sec

Note: Emission Mask D

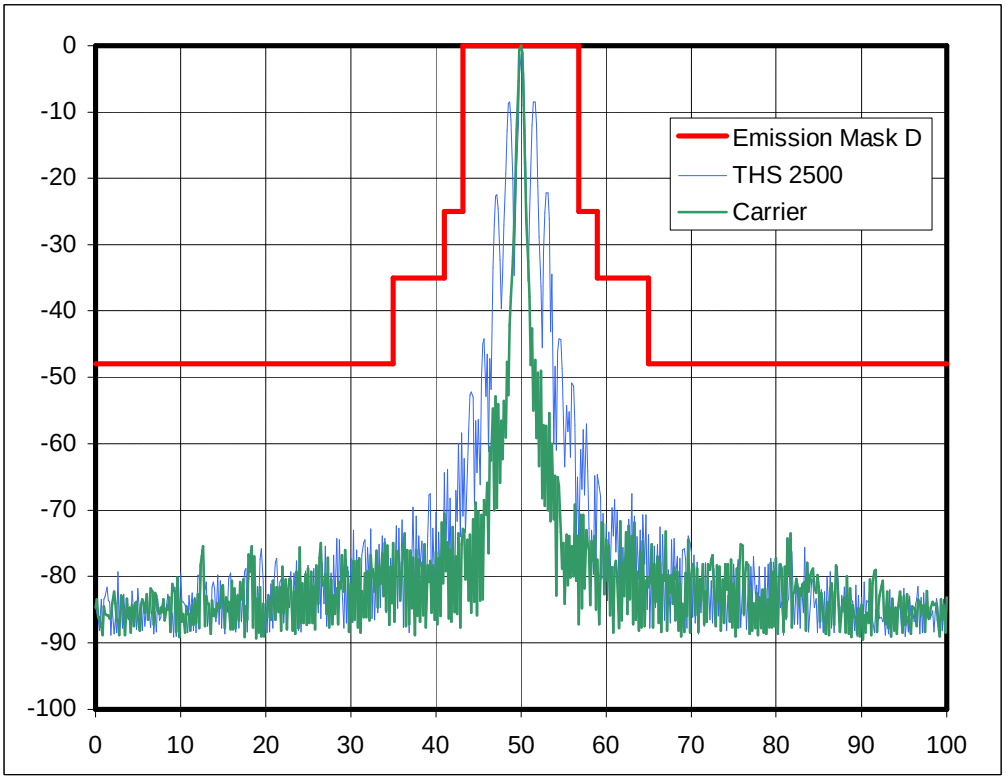
TEST REPORT

OCCUPIED BANDWIDTH
(2500HZ Audio &THS Modulation)

Date: Dec.4, 2000

Signature: Gilbert Wang

Channel Spacing: 12.5kHz
Frequency: 935.025MHz



Resolution Bandwidth	300HZ
Video Bandwidth	300HZ
Scale	10db/div
Attenuation	20db
Sweep Time	3Sec

Note: Emission Mask D

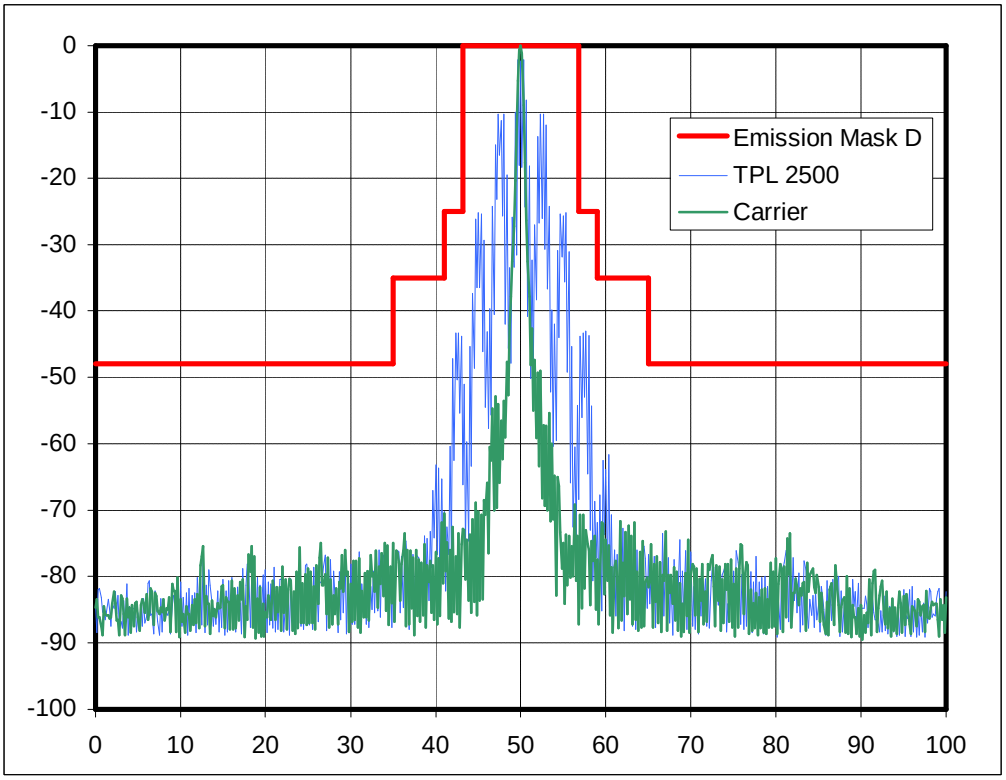
TEST REPORT

OCCUPIED BANDWIDTH
(2500HZ Audio &TPL Modulation)

Date: Dec.4, 2000

Signature: Gilbert Wang

Channel Spacing: 12.5kHz
Frequency: 935.025MHz



Resolution Bandwidth	300HZ
Video Bandwidth	300HZ
Scale	10db/div
Attenuation	20db
Sweep Time	3Sec

Note: Emission Mask D

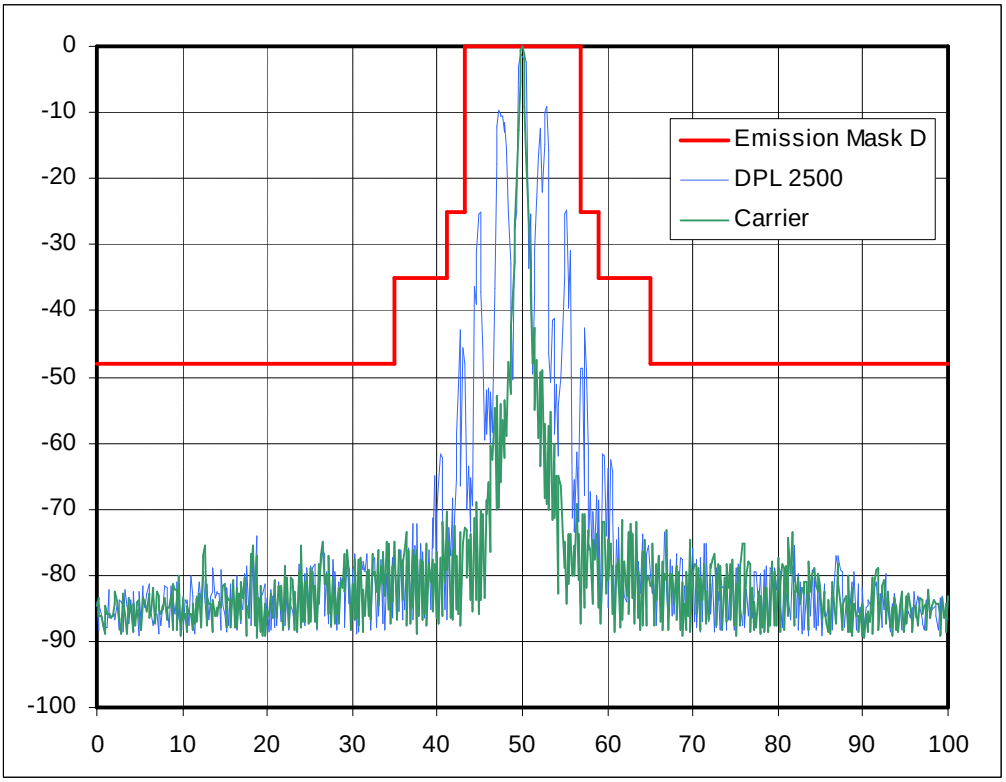
TEST REPORT

OCCUPIED BANDWIDTH
(2500HZ Audio & DPL Modulation)

Date: Dec.4, 2000

Signature: Gilbert Wang

Channel Spacing: 12.5kHz
Frequency: 935.025MHz



Resolution Bandwidth	300HZ
Video Bandwidth	300HZ
Scale	10db/div
Attenuation	20db
Sweep Time	3Sec

Note: Emission Mask D

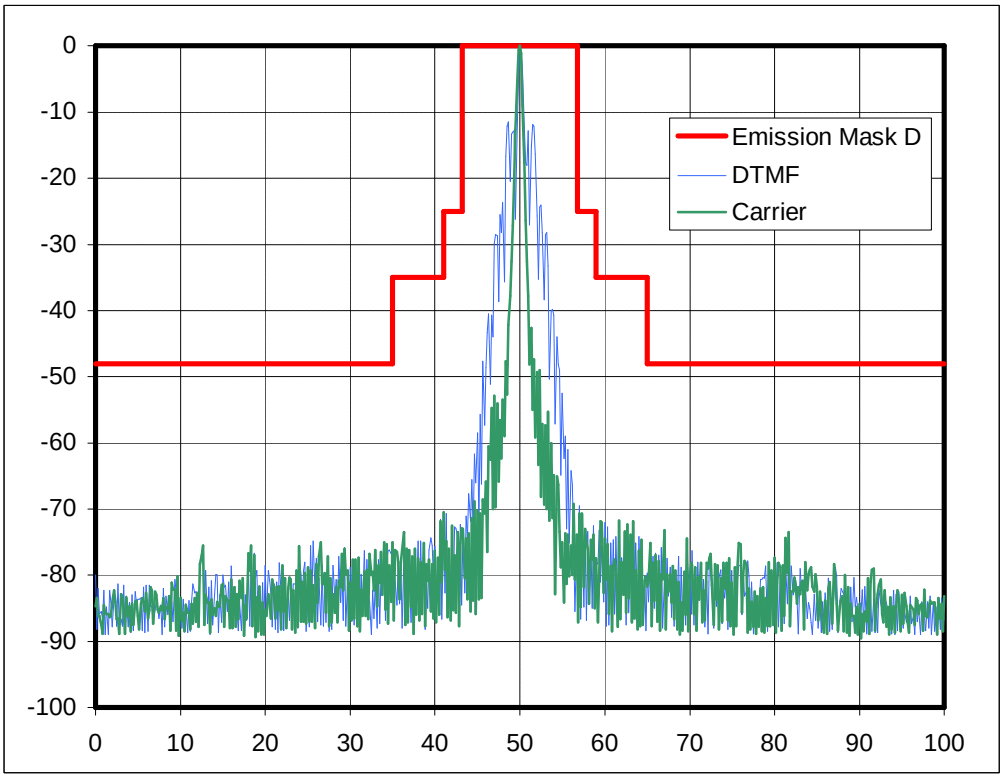
TEST REPORT

OCCUPIED BANDWIDTH
(DTMF Modulation)

Date: Dec.4, 2000

Signature: Gilbert Wang

Channel Spacing: 12.5kHz
Frequency: 935.025MHz



Resolution Bandwidth	300HZ
Video Bandwidth	300HZ
Scale	10db/div
Attenuation	20db
Sweep Time	3Sec

Note: Emission Mask D

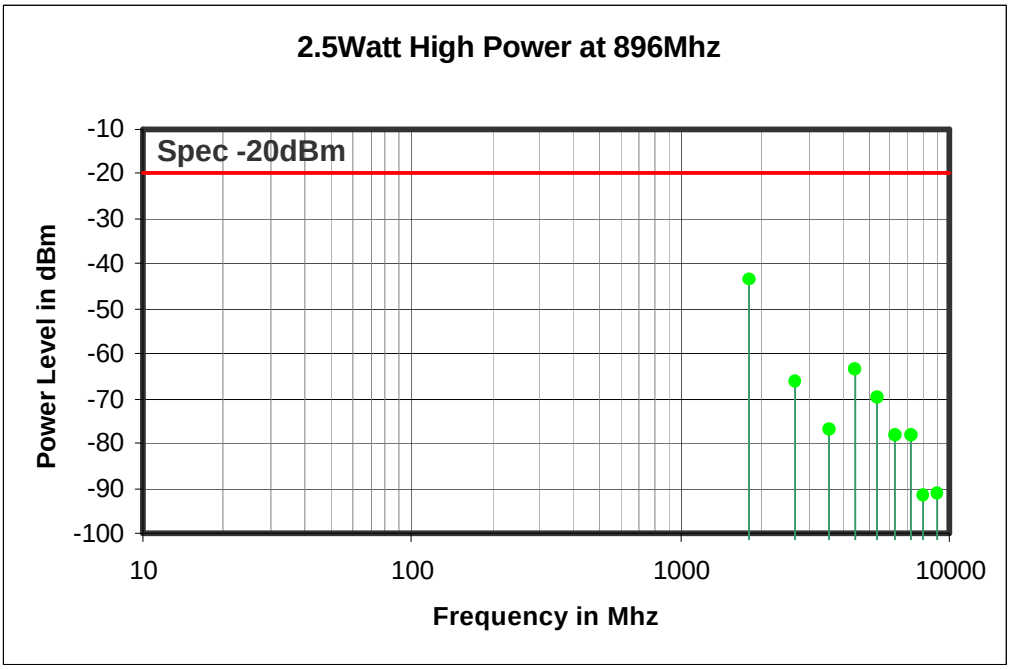
TEST REPORT

CONDUCTED SPURIOUS EMISSION DATA
TRANSMITTER

Date: Nov.21, 2000

Signature: Hugh Phillips

Channel Spacing: 12.5kHz
Frequency: 896 MHz



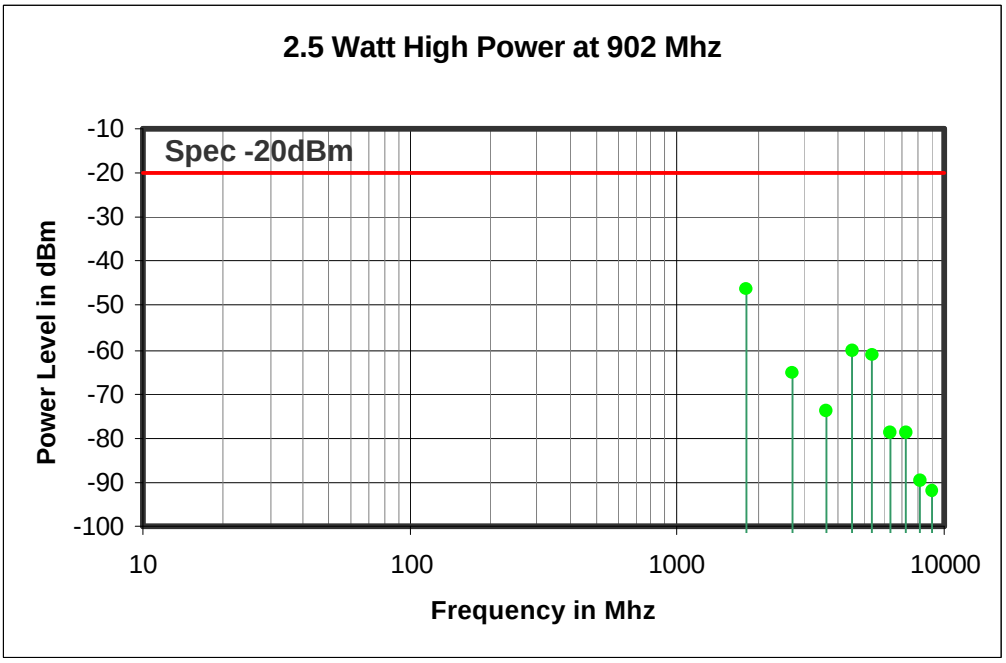
TEST REPORT

CONDUCTED SPURIOUS EMISSION DATA
TRANSMITTER

Date: Nov.21, 2000

Signature: Hugh Phillips

Channel Spacing: 12.5kHz
Frequency: 902MHz



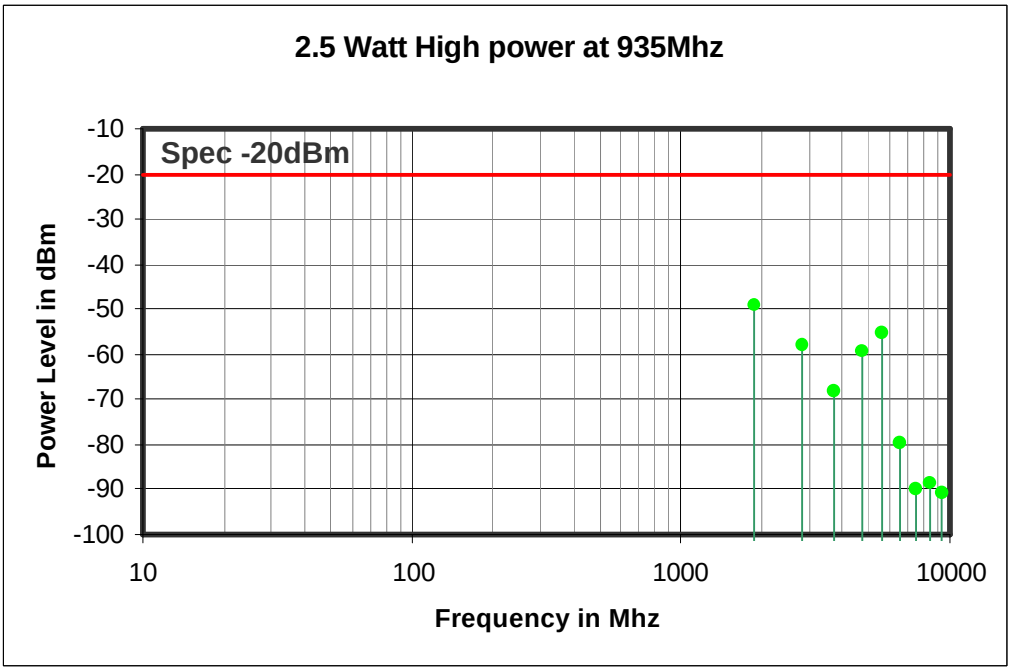
TEST REPORT

CONDUCTED SPURIOUS EMISSION DATA
TRANSMITTER

Date: Nov.21, 2000

Signature: Hugh Phillips

Channel Spacing: 12.5kHz
Frequency: 935MHz



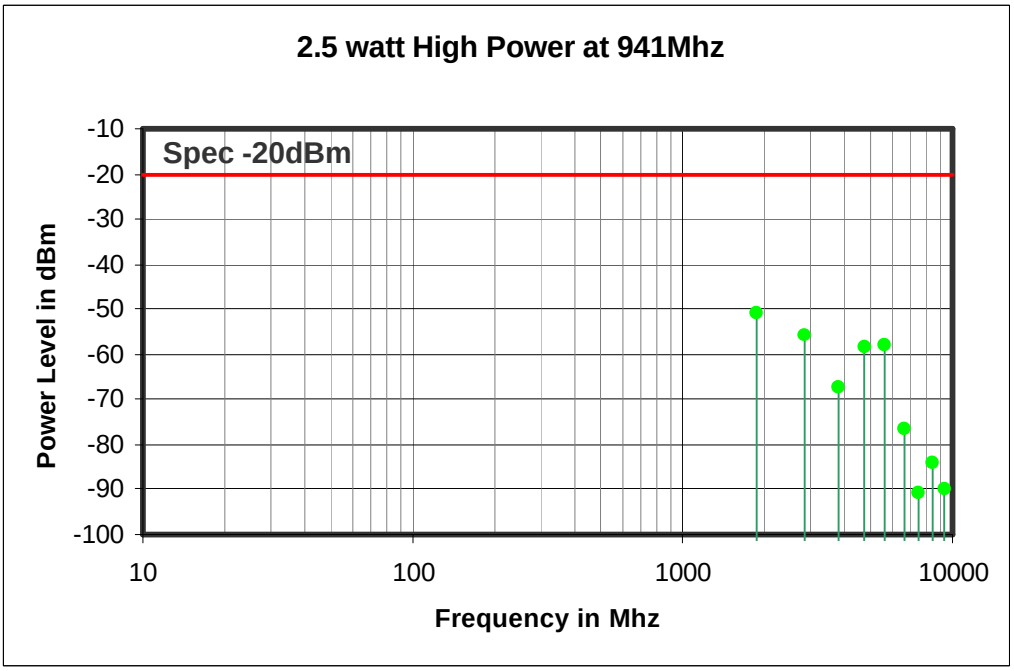
TEST REPORT

CONDUCTED SPURIOUS EMISSION DATA
TRANSMITTER

Date: Nov.21, 2000

Signature: Hugh Phillips

Channel Spacing: 12.5kHz
Frequency: 941MHz



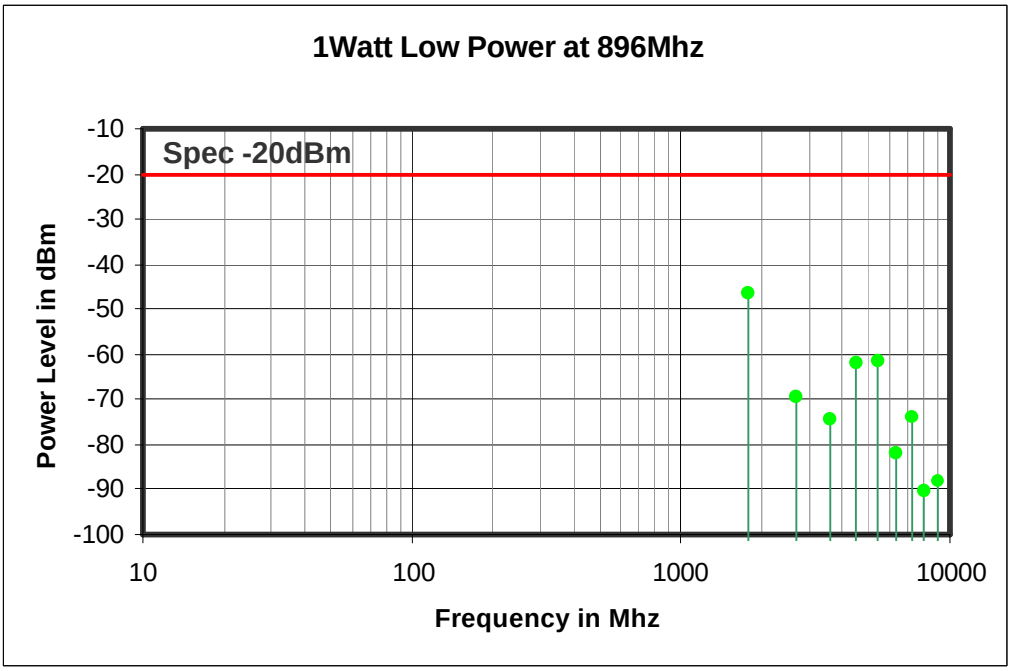
TEST REPORT

CONDUCTED SPURIOUS EMISSION DATA
TRANSMITTER

Date: Nov.21, 2000

Signature: Hugh Phillips

Channel Spacing: 12.5kHz
Frequency: 896MHz



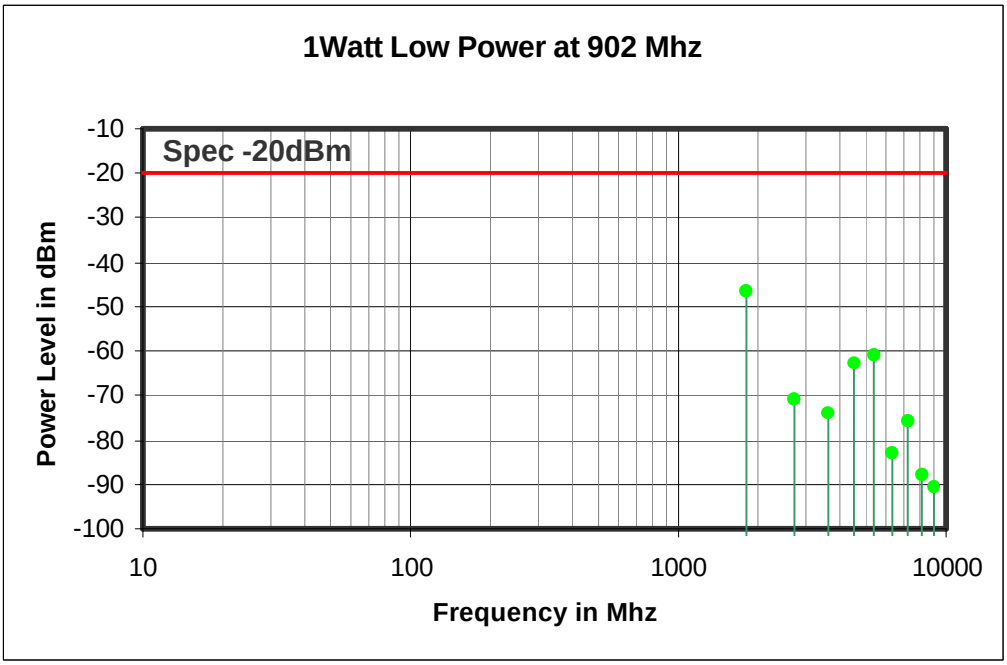
TEST REPORT

CONDUCTED SPURIOUS EMISSION DATA
TRANSMITTER

Date: Nov.21, 2000

Signature: Hugh Phillips

Channel Spacing: 12.5kHz
Frequency: 902MHz



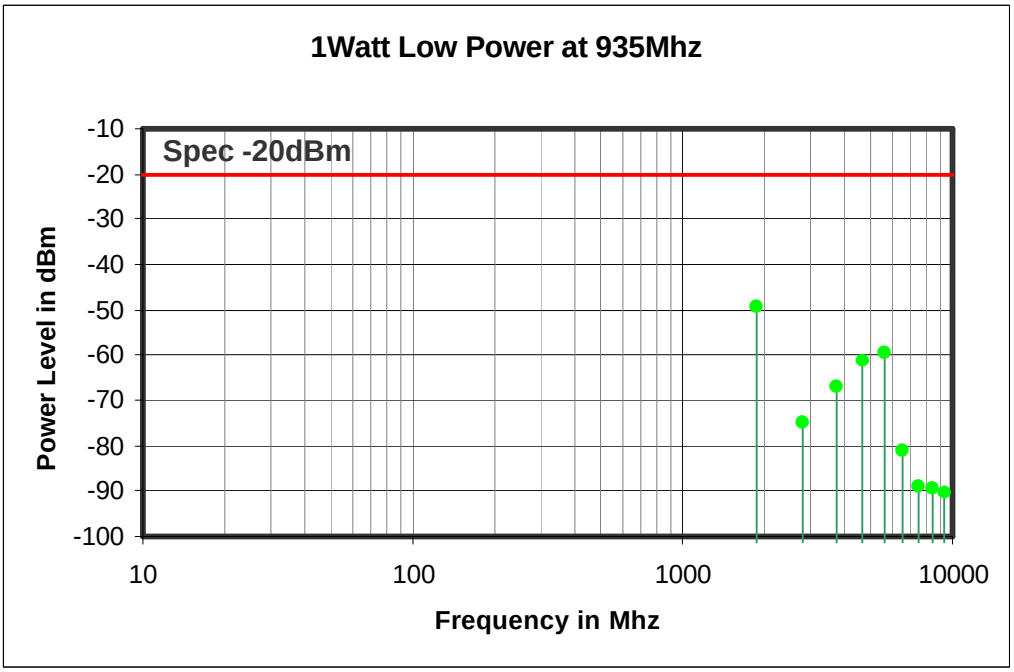
TEST REPORT

CONDUCTED SPURIOUS EMISSION DATA
TRANSMITTER

Date: Nov.21, 2000

Signature: Hugh Phillips

Channel Spacing: 12.5kHz
Frequency: 935MHz



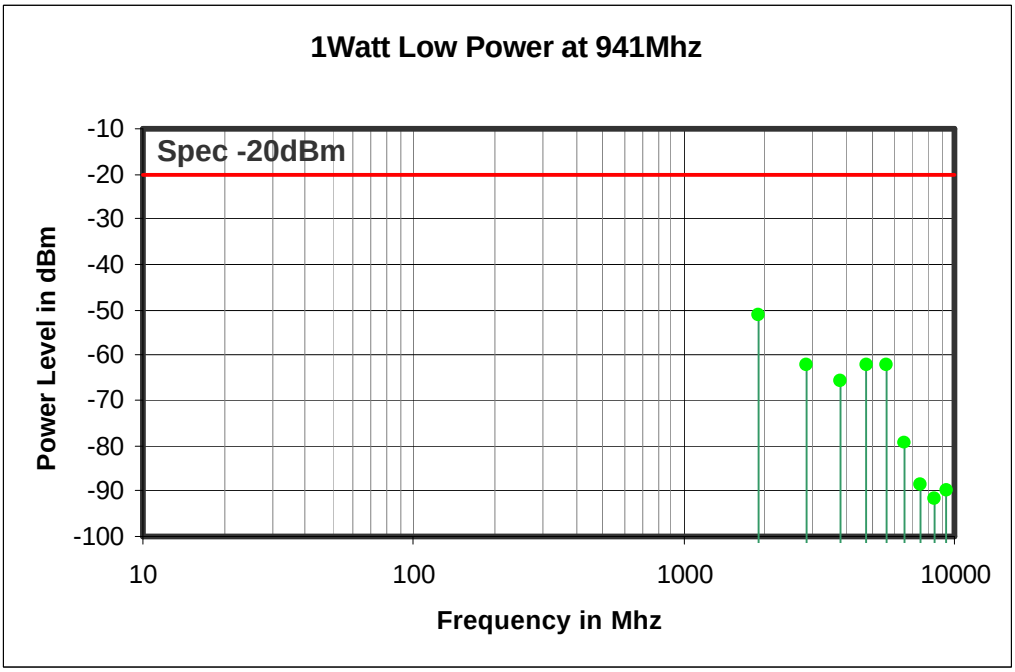
TEST REPORT

CONDUCTED SPURIOUS EMISSION DATA
TRANSMITTER

Date: Nov.21, 2000

Signature: Hugh Phillips

Channel Spacing: 12.5kHz
Frequency: 941MHz



TEST REPORT

TRANSMITTER RADIATED SPURIOUS EMISSION

Date: Jan. 13,2001

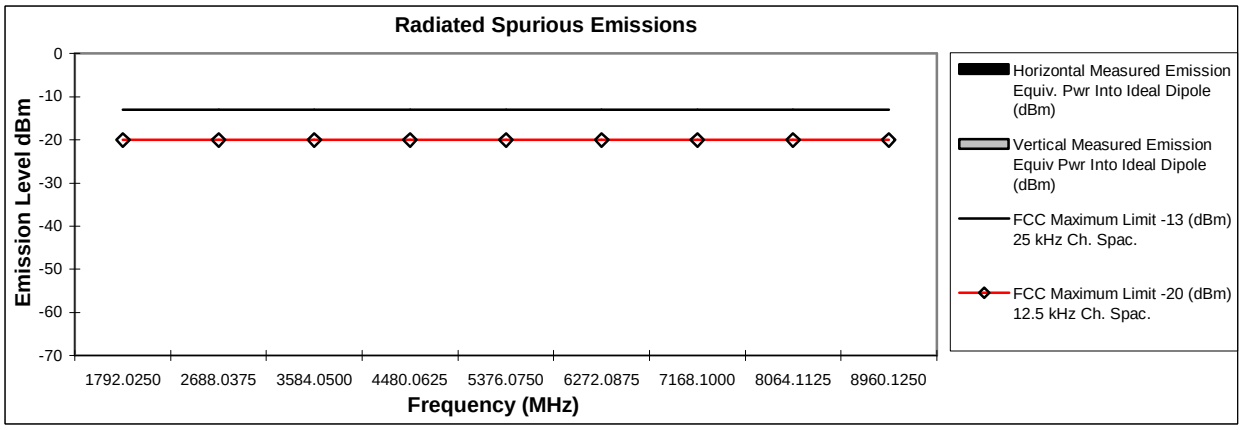
Signature: Maxson Rick

Frequency: 896.0125MHz
Channel Spacing: 12.5 kHz

Transmitter Radiated Spurious Emissions: Waris 900MHZ

896.0125 MHz **2.5W Watts** **Channel Spacing 12.5KHZ | S/N 921TAS1456**

Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1792.0250	-13	-20	*	*
2688.0375	-13	-20	*	*
3584.0500	-13	-20	*	*
4480.0625	-13	-20	*	*
5376.0750	-13	-20	*	*
6272.0875	-13	-20	*	*
7168.1000	-13	-20	*	*
8064.1125	-13	-20	*	*
8960.1250	-13	-20	*	*



TEST REPORT

TRANSMITTER RADIATED SPURIOUS EMISSION

Date: Jan. 13,2001

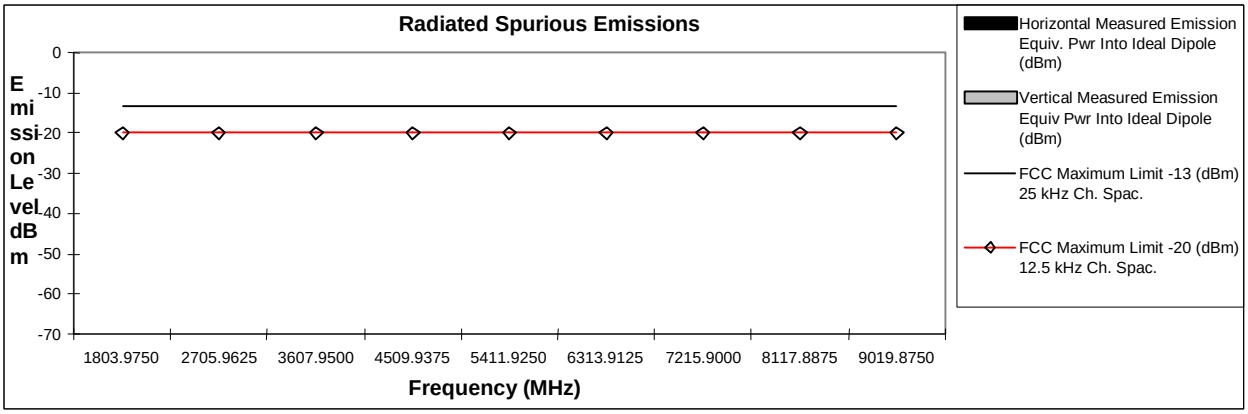
Signature: Maxson Rick

Frequency: 901.9875 MHz
Channel Spacing: 12.5 kHz

Transmitter Radiated Spurious Emissions: Waris 900MHZ

901.9875 MHz **2.5W Watts** **Channel Spacing 12.5KHZ | S/N 921TAS1456**

Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1803.9750	-13	-20	*	*
2705.9625	-13	-20	*	*
3607.9500	-13	-20	*	*
4509.9375	-13	-20	*	*
5411.9250	-13	-20	*	*
6313.9125	-13	-20	*	*
7215.9000	-13	-20	*	*
8117.8875	-13	-20	*	*
9019.8750	-13	-20	*	*



TEST REPORT

TRANSMITTER RADIATED SPURIOUS EMISSION

Date: Jan. 13,2001

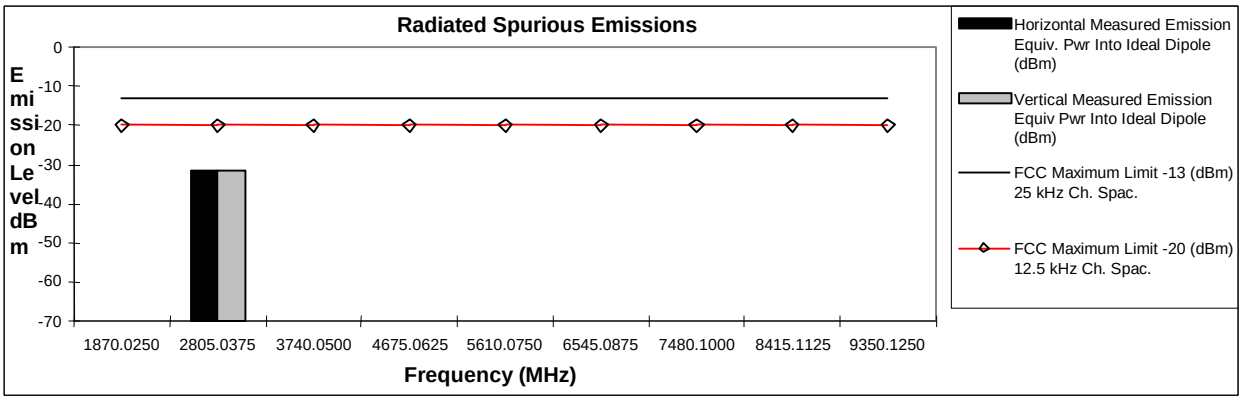
Signature: Maxson Rick

Frequency: 935.0125MHz
Channel Spacing: 12.5 kHz

Transmitter Radiated Spurious Emissions: Waris 900MHZ

935.0125 MHz **2.5W Watts** **Channel Spacing 12.5KHZ | S/N 921TAS1456**

Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1870.0250	-13	-20	*	*
2805.0375	-13	-20	-31.46	-31.64
3740.0500	-13	-20	*	*
4675.0625	-13	-20	*	*
5610.0750	-13	-20	*	*
6545.0875	-13	-20	*	*
7480.1000	-13	-20	*	*
8415.1125	-13	-20	*	*
9350.1250	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

TEST REPORT

TRANSMITTER RADIATED SPURIOUS EMISSION

Date: Jan. 13,2001

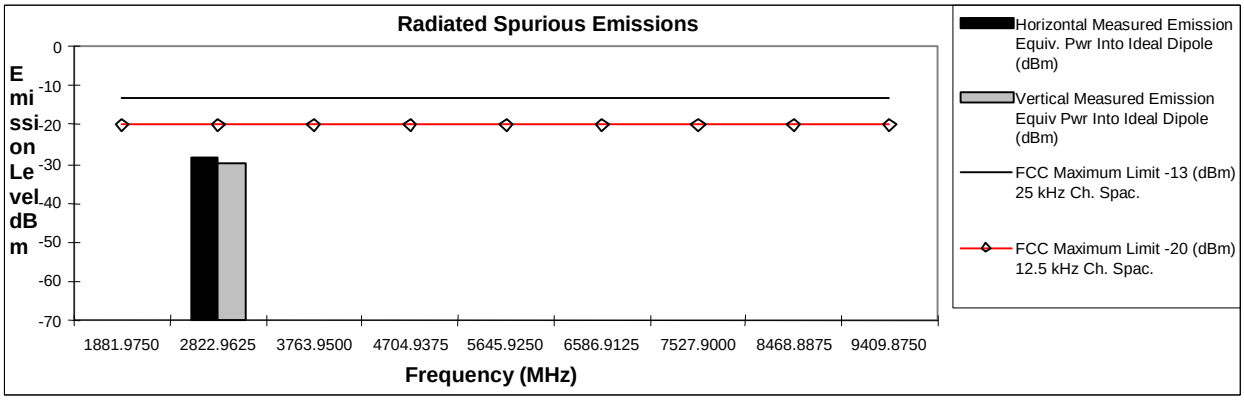
Signature: Maxson Rick

Frequency: 940.9875MHz
Channel Spacing: 12.5 kHz

Transmitter Radiated Spurious Emissions: Waris 900MHZ

940.9875 MHz **2.5W Watts** **Channel Spacing 12.5KHZ | S/N 921TAS1456**

Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1881.9750	-13	-20	*	*
2822.9625	-13	-20	-28.52	-29.68
3763.9500	-13	-20	*	*
4704.9375	-13	-20	*	*
5645.9250	-13	-20	*	*
6586.9125	-13	-20	*	*
7527.9000	-13	-20	*	*
8468.8875	-13	-20	*	*
9409.8750	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

TEST REPORT

TRANSMITTER RADIATED SPURIOUS EMISSION

Date: Jan. 13,2001

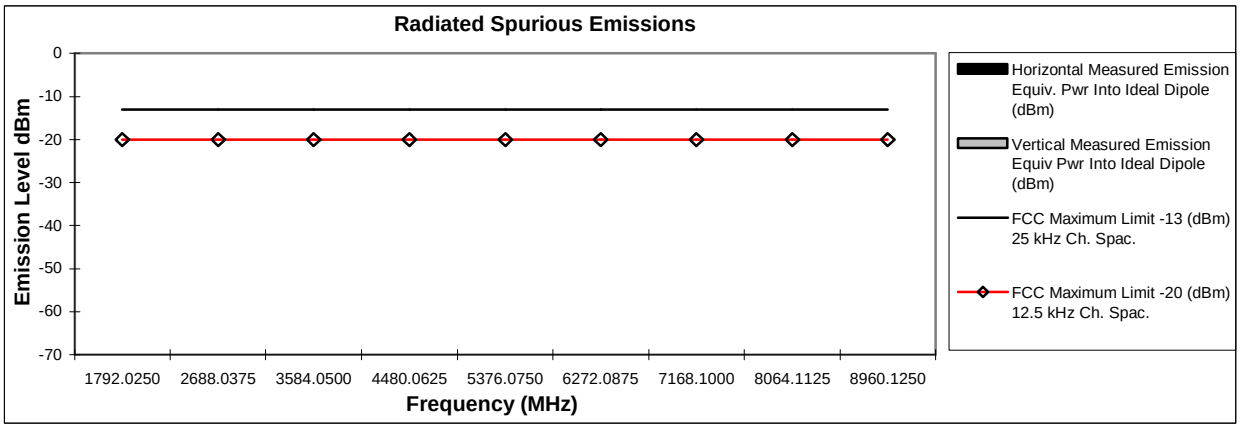
Signature: Maxson Rick

Frequency: 896.0125MHz
Channel Spacing: 12.5 kHz

Transmitter Radiated Spurious Emissions: Waris 900MHZ

896.0125 MHz **1.0W Watts** **Channel Spacing 12.5KHZ | S/N 921TAS1456**

Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1792.0250	-13	-20	*	*
2688.0375	-13	-20	*	*
3584.0500	-13	-20	*	*
4480.0625	-13	-20	*	*
5376.0750	-13	-20	*	*
6272.0875	-13	-20	*	*
7168.1000	-13	-20	*	*
8064.1125	-13	-20	*	*
8960.1250	-13	-20	*	*



TEST REPORT

TRANSMITTER RADIATED SPURIOUS EMISSION

Date: Jan. 13,2001

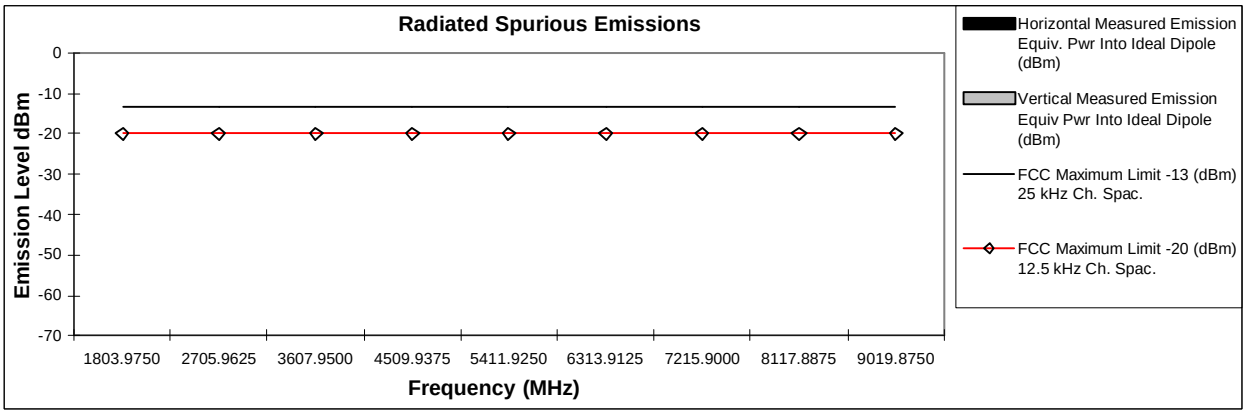
Signature: Maxson Rick

Frequency: 901.9875MHz
Channel Spacing: 12.5 kHz

Transmitter Radiated Spurious Emissions: Waris 900MHZ

901.9875 MHz **1.0W Watts** **Channel Spacing 12.5KHZ | S/N 921TAS1456**

Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1803.9750	-13	-20	*	*
2705.9625	-13	-20	*	*
3607.9500	-13	-20	*	*
4509.9375	-13	-20	*	*
5411.9250	-13	-20	*	*
6313.9125	-13	-20	*	*
7215.9000	-13	-20	*	*
8117.8875	-13	-20	*	*
9019.8750	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

TEST REPORT

TRANSMITTER RADIATED SPURIOUS EMISSION

Date: Jan. 13,2001

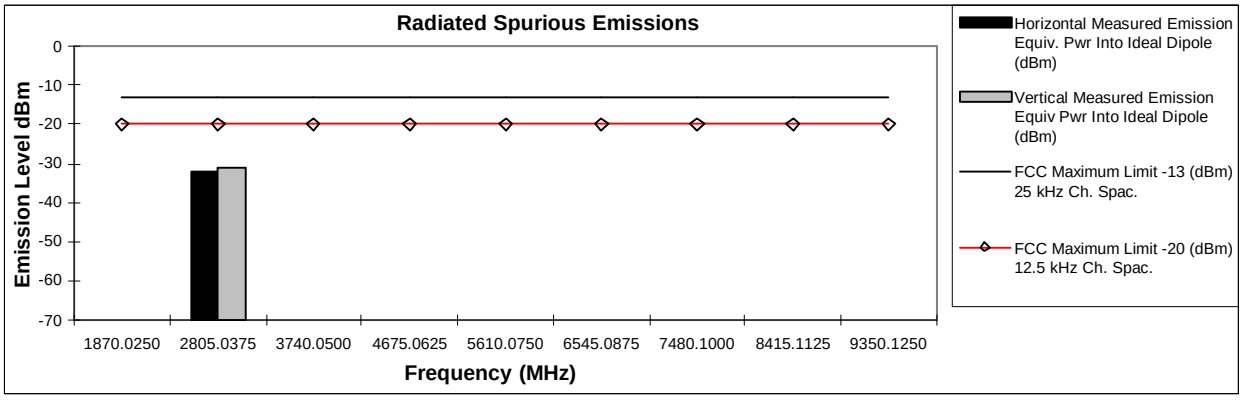
Signature: Maxson Rick

Frequency: 935.0125MHz
Channel Spacing: 12.5 kHz

Transmitter Radiated Spurious Emissions: Waris 900MHZ

935.0125 MHz **1.0W Watts** **Channel Spacing 12.5KHZ | S/N 921TAS1456**

Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1870.0250	-13	-20	*	*
2805.0375	-13	-20	-31.95	-31.19
3740.0500	-13	-20	*	*
4675.0625	-13	-20	*	*
5610.0750	-13	-20	*	*
6545.0875	-13	-20	*	*
7480.1000	-13	-20	*	*
8415.1125	-13	-20	*	*
9350.1250	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

TEST REPORT

TRANSMITTER RADIATED SPURIOUS EMISSION

Date: Jan. 13,2001

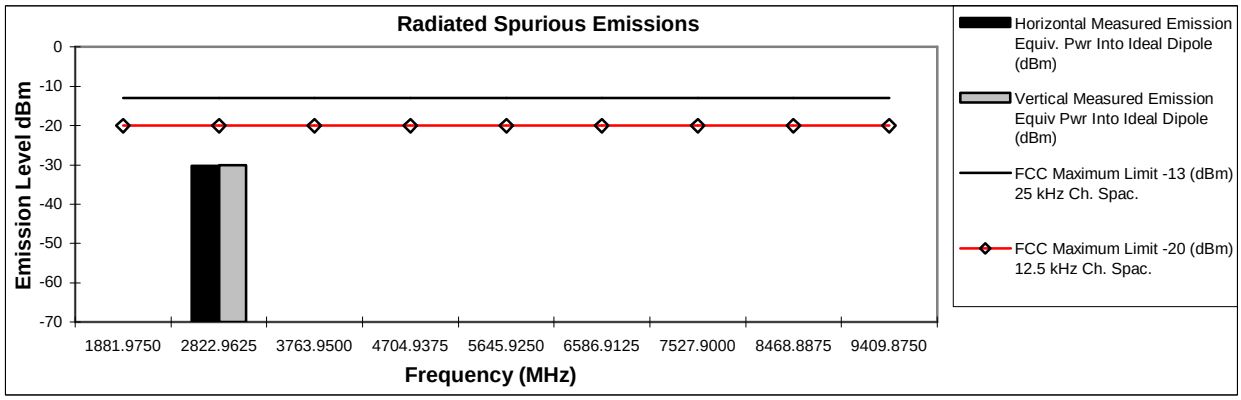
Signature: Maxson Rick

Frequency: 940.9875MHz
Channel Spacing: 12.5 kHz

Transmitter Radiated Spurious Emissions: Waris 900MHZ

940.9875 MHz **1.0W Watts** **Channel Spacing 12.5KHZ | S/N 921TAS1456**

Frequency (MHz)	FCC Maximum Limit -13 (dBm) 25 kHz Ch. Spac.	FCC Maximum Limit -20 (dBm) 12.5 kHz Ch. Spac.	Horizontal Measured Emission Equiv. Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1881.9750	-13	-20	*	*
2822.9625	-13	-20	-30.24	-30.10
3763.9500	-13	-20	*	*
4704.9375	-13	-20	*	*
5645.9250	-13	-20	*	*
6586.9125	-13	-20	*	*
7527.9000	-13	-20	*	*
8468.8875	-13	-20	*	*
9409.8750	-13	-20	*	*



* Indicates the spurious emission was less than -70dBm or could not be detected due to noise limitations or ambients.

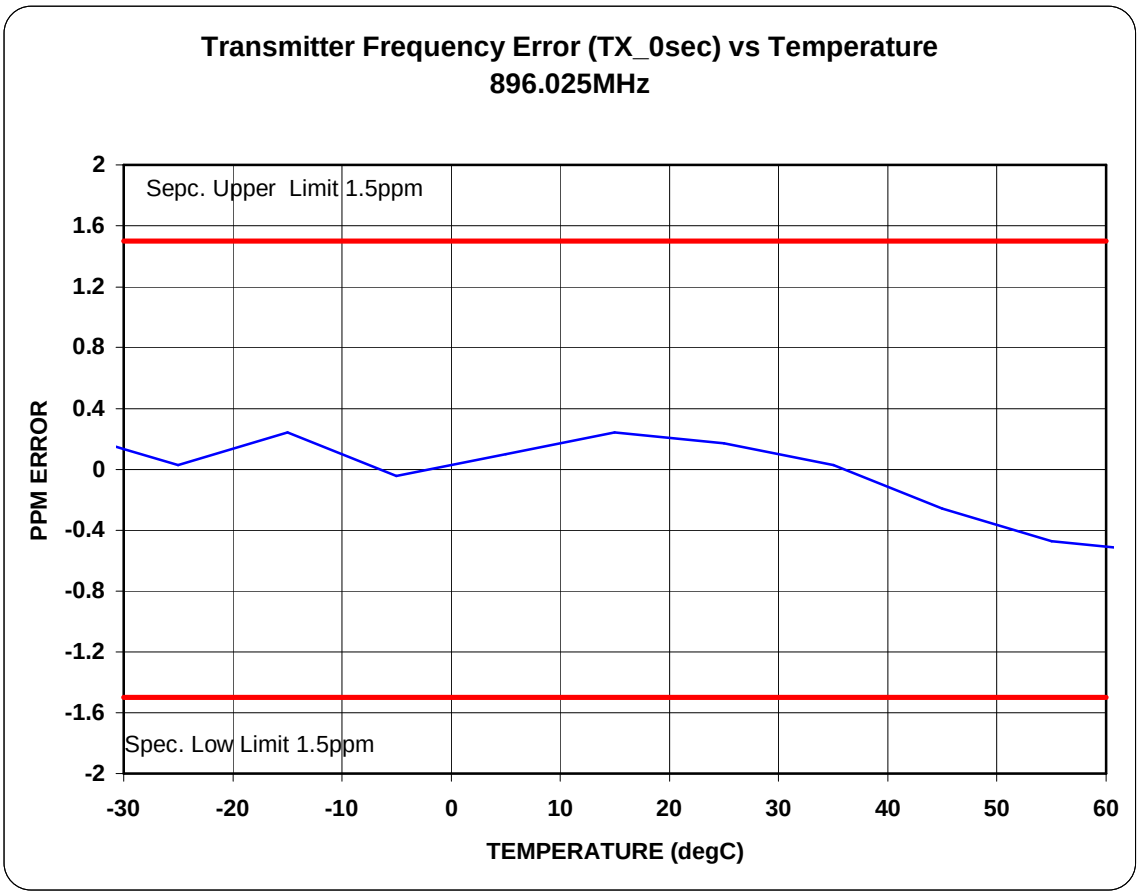
TEST REPORT

FREQUENCY STABILITY VS TEMPERATURE

Date: Nov.17, 2000

Signature: Hugh Phillips

Channel Spacing: 12.5kHz
Frequency: 896.025MHz



TEST REPORT

FREQUENCY STABILITY VS TEMPERATURE

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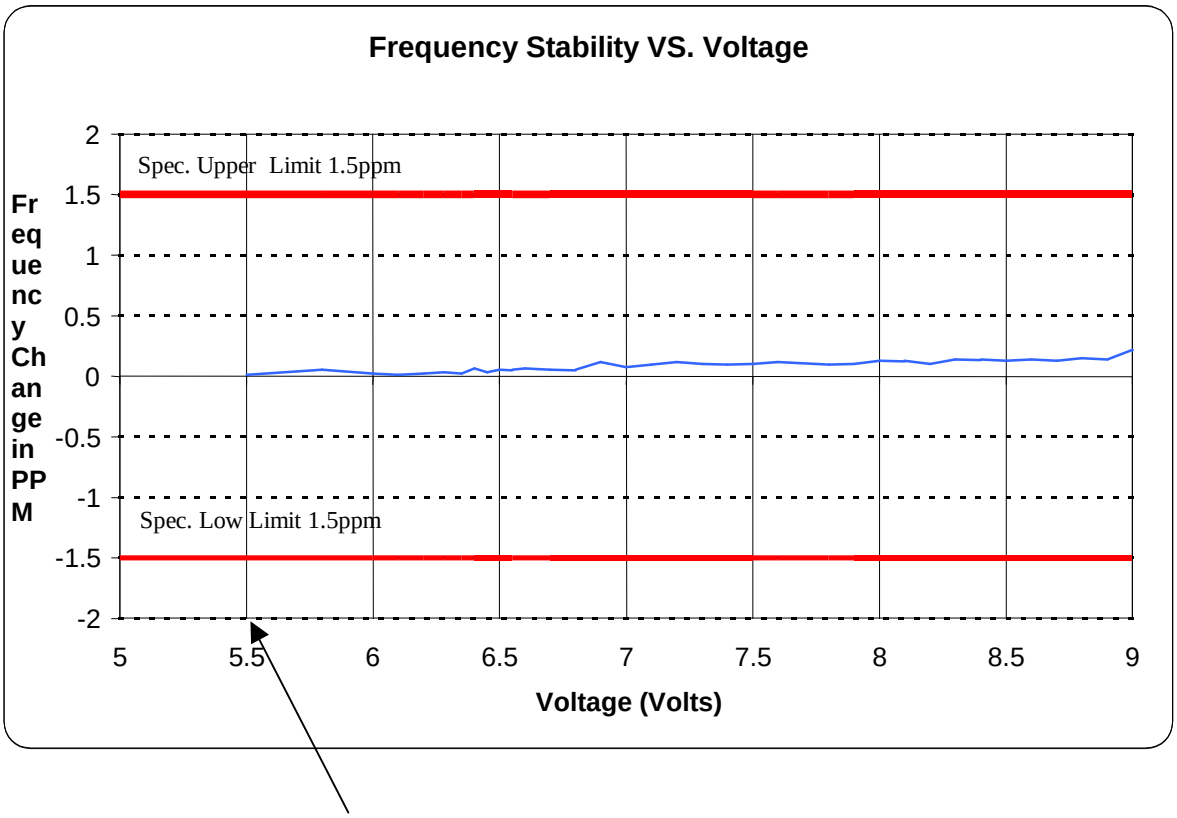

Transmitter does not operate below 5.5 Volts