

EXHIBIT M

Transmitter and Receiver Verification Test Data

All Data in EXHIBIT M was measured as required by Test Procedure EM-TP-0304B included as EXHIBIT K.

RF Output Power (§2.1033 (c) (8) & 2.1046)

Occupied Bandwidth of Communication Channels (§2.1049)

Occupied Bandwidth of Control Channels (§2.1049)

Spurious Emissions at Antenna Terminals of Communication Channels (§2.1051 & 2.1057)

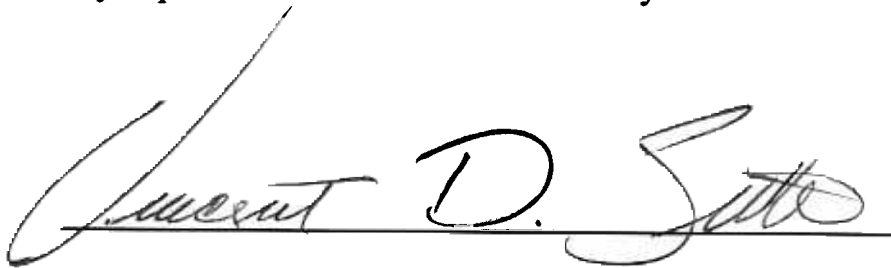
Spurious Emissions at Antenna Terminals of Control Channels (§2.1051 & 2.1057)

Field Strength of Spurious Radiation (§2.1053)

Frequency Stability (§2.1055)

CERTIFICATION OF TEST DATA

The technical data contained herein was obtained through test performed by me or by personnel under my supervision. I attest to its accuracy.

A handwritten signature in cursive script, reading "Vincent D. Sutter", is written over a horizontal line.

Vincent D. Sutter
Specialty Design and Test Department
Raytheon Company

Data:

RF Power Output and PA Input Voltage / Current

RF POWER OUTPUT & PA INPUT VOLTAGE/CURRENT [2.1046 &
2.1033(c)(8)]

Tester  Date 6/2/02 EUT 724855-804
Witness  Date JUN 02 2002 EUT SN MSA5888

Transmitter Operating Frequency 894.101500 MHz
Average Power Output (max.) 7.7 W
PA Input Voltage 25.76 V
PA Input Current 1.84 A

Transmitter Operating Frequency 894.101500 MHz
Average Power Output (min.) .000695W
PA Input Voltage 25.93 V
PA Input Current .325 A

Transmitter Operating Frequency 895.005500 MHz
Average Power Output (max.) 7.9 W
PA Input Voltage 25.75 V
PA Input Current 1.95 A

Transmitter Operating Frequency 895.005500 MHz
Average Power Output (min.) .000770 W
PA Input Voltage 25.93 V
PA Input Current .330 A

Transmitter Operating Frequency 895.901500 MHz
Average Power Output (max.) 7.95 W
PA Input Voltage 25.75 V
PA Input Current 1.91 A

Transmitter Operating Frequency 895.901500 MHz
Average Power Output (min.) .000775W
PA Input Voltage 25.93 V
PA Input Current .331 A

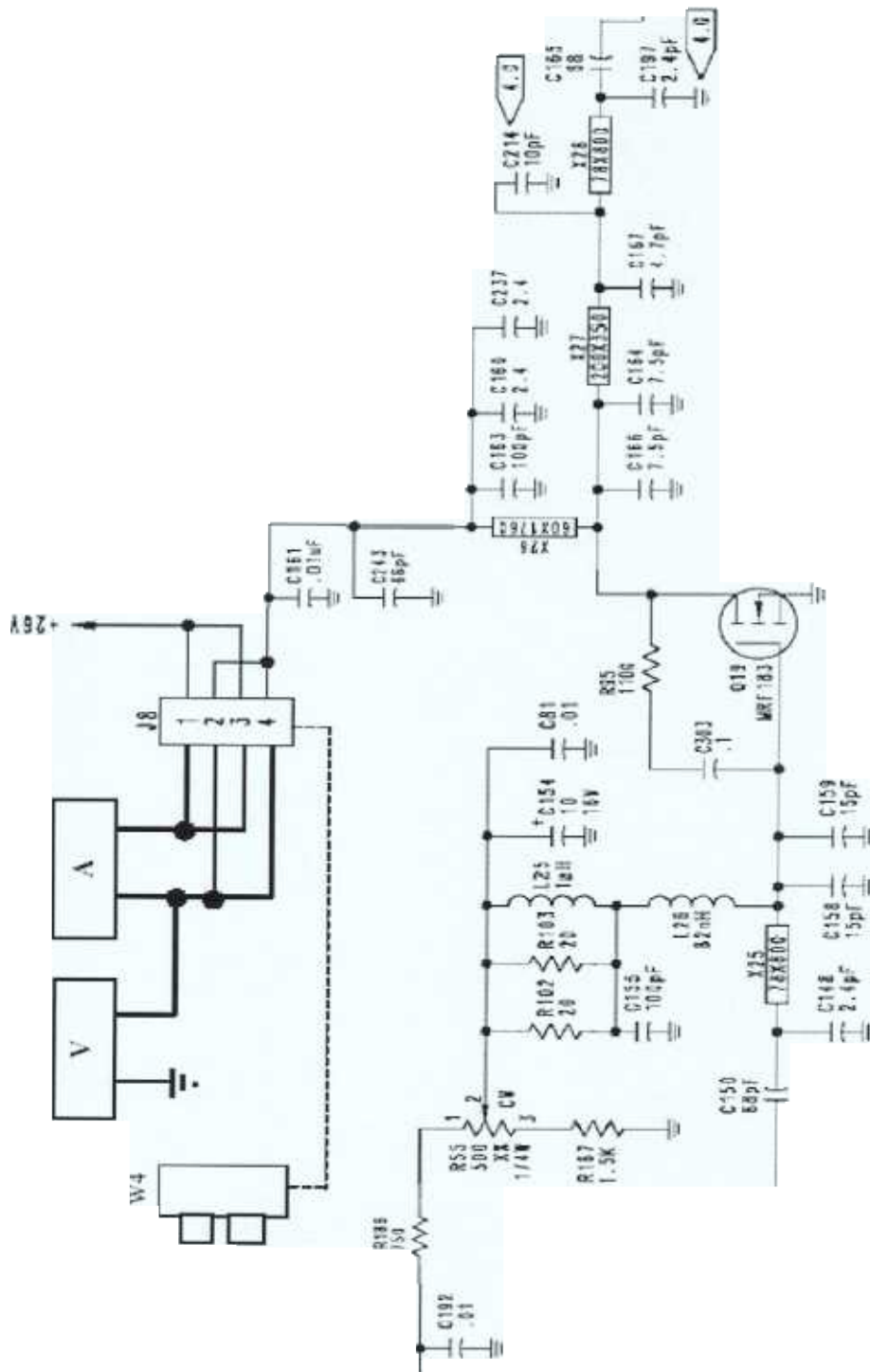
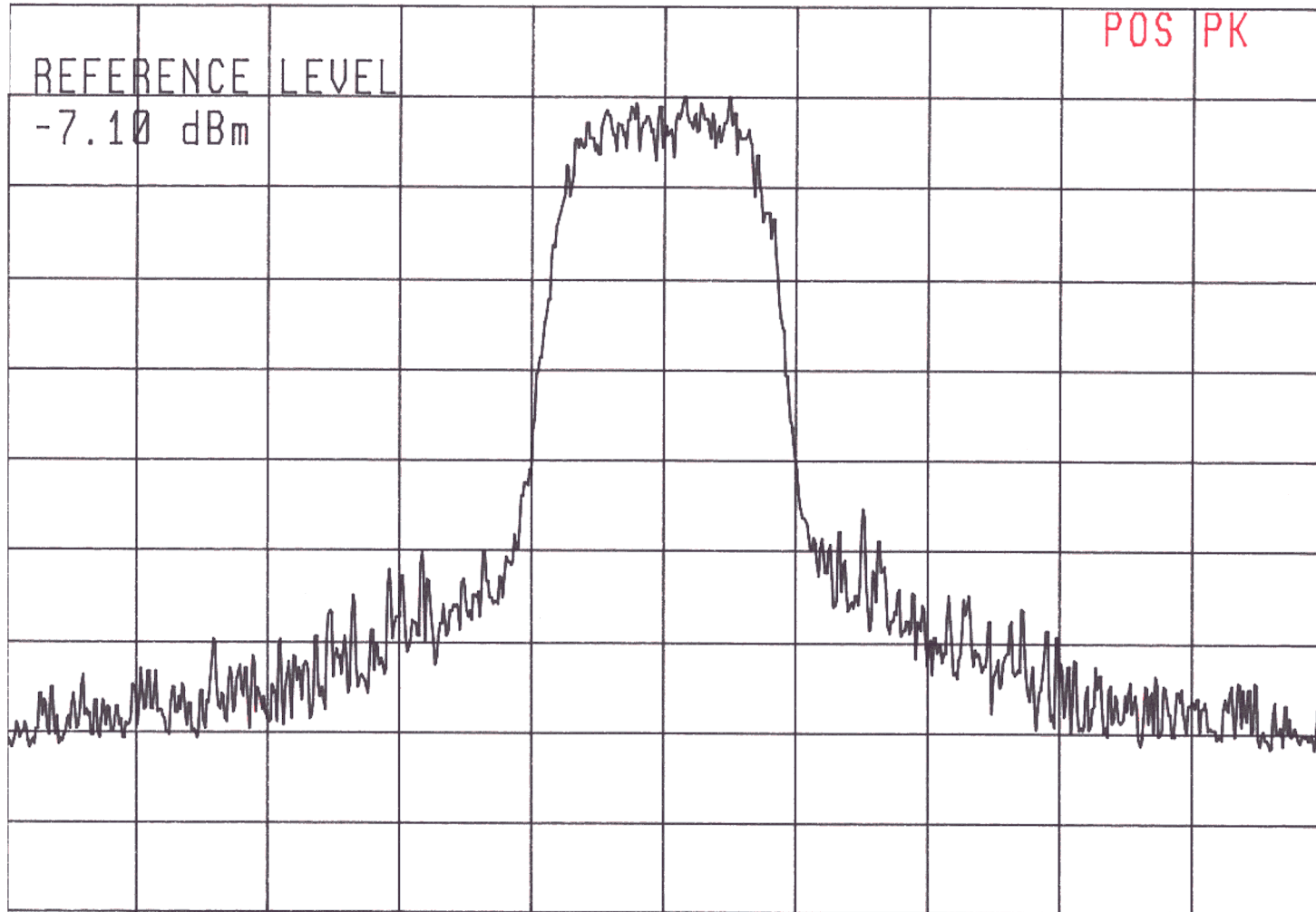


Figure 0-1 PA input Voltage/Current Test Points

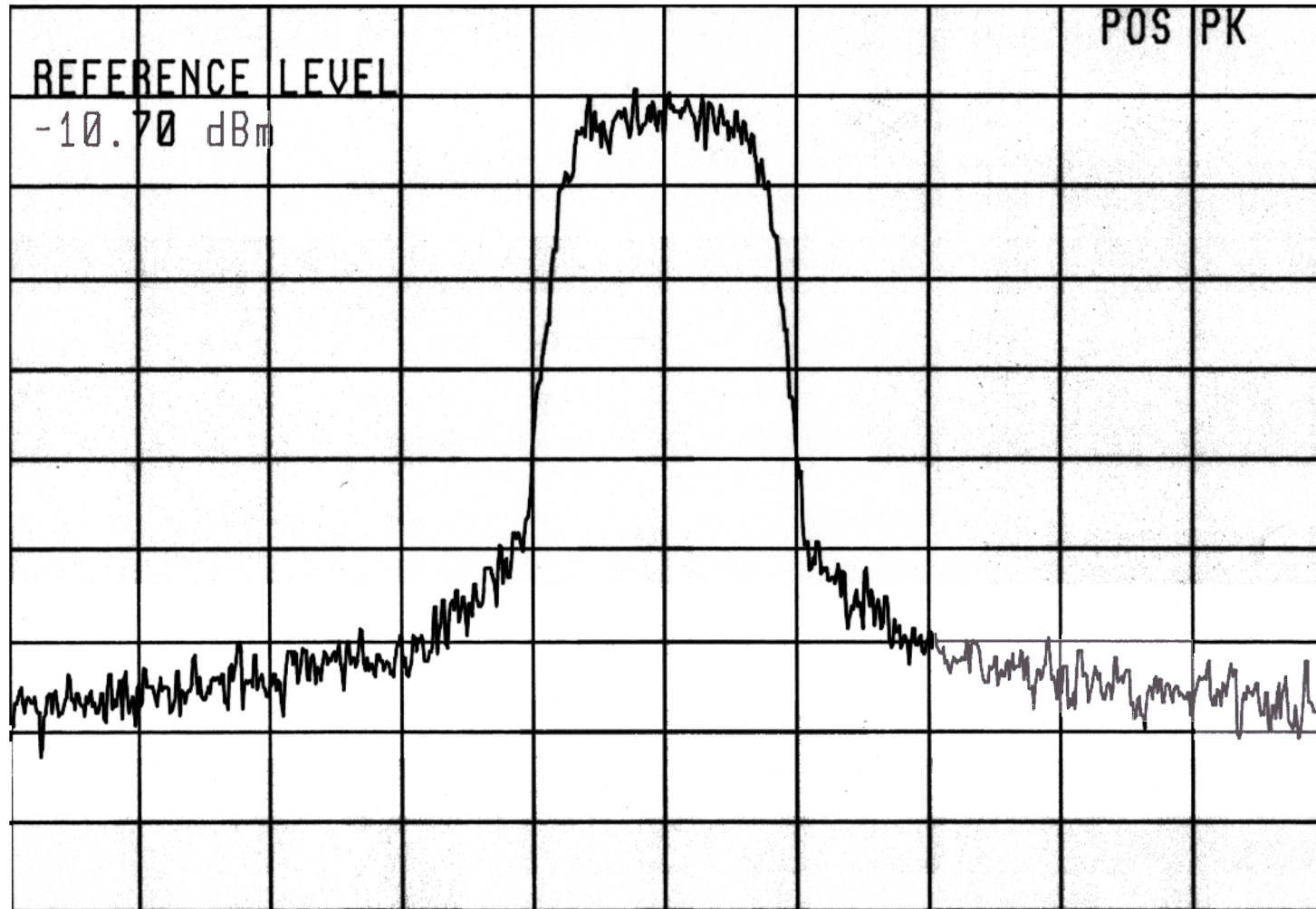
Data:
Occupied Bandwidth
(Communication Channel)

RL -7 10 dBm $f_o = 894.1015$ MHz, MAX PWR = 7.4 W
*ATTEN 10 dB , EXTERNAL ATTEN. 61.3 dB
10.00 dB/DIV 99% POWER BANDWIDTH 4.8 kHz



CENTER 894.101 50 MHz SPAN 30.00 kHz
 *RB 300 Hz *VB 300 Hz ST 1.017 sec
 Internal Attenuation 0 dB
 External Attenuation 61.3 dB

RL -10.70 dBm $f_o = 894.1015$ MHz, MAX PWR = 3.6 W
 *ATTEN 10 dB, EXTERNAL ATTEN. 61.3 dB
 10.00 dB/DIV 99% POWER BANDWIDTH 4.8 kHz



CENTER 894.101 50 MHz SPAN 30.00 kHz
 *RB 300 Hz *VB 300 Hz ST 1.017 sec
 Internal Attenuation 3 dB
 External Attenuation 61.3 dB