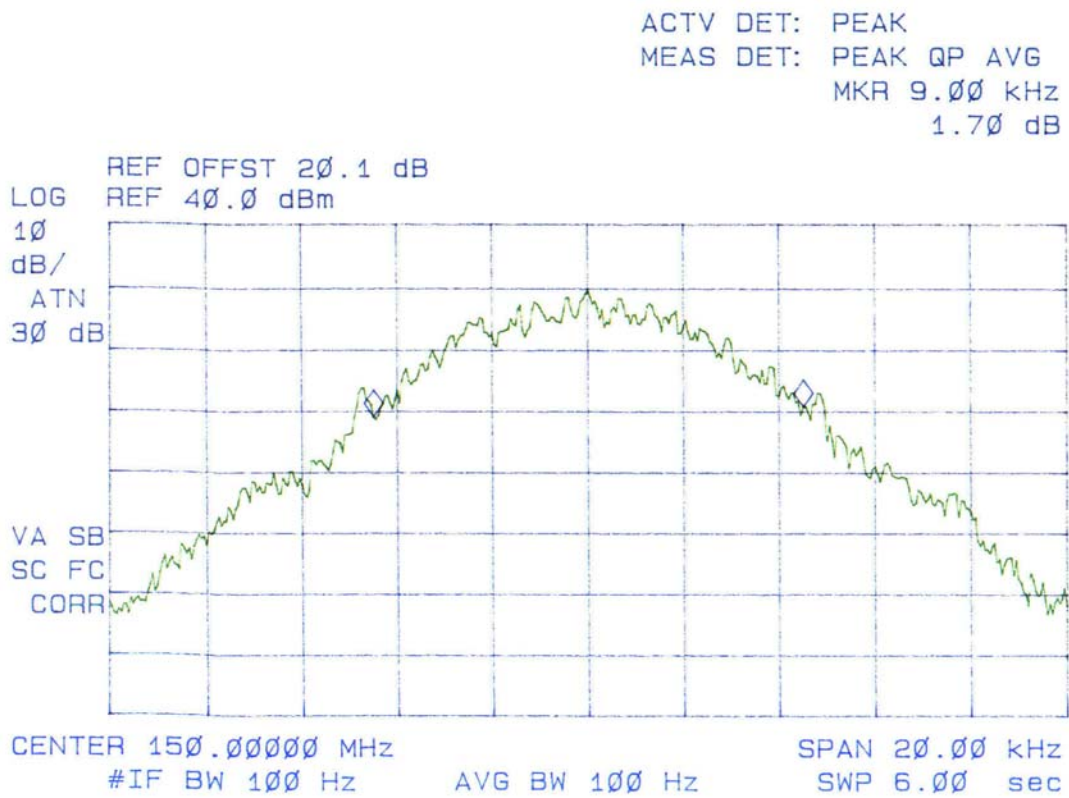


# ANNEX 1 - TEST DATA PLOTS

Plot # 1  
99 % Occupied Bandwidth  
Carrier Frequency: 150 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W

hp



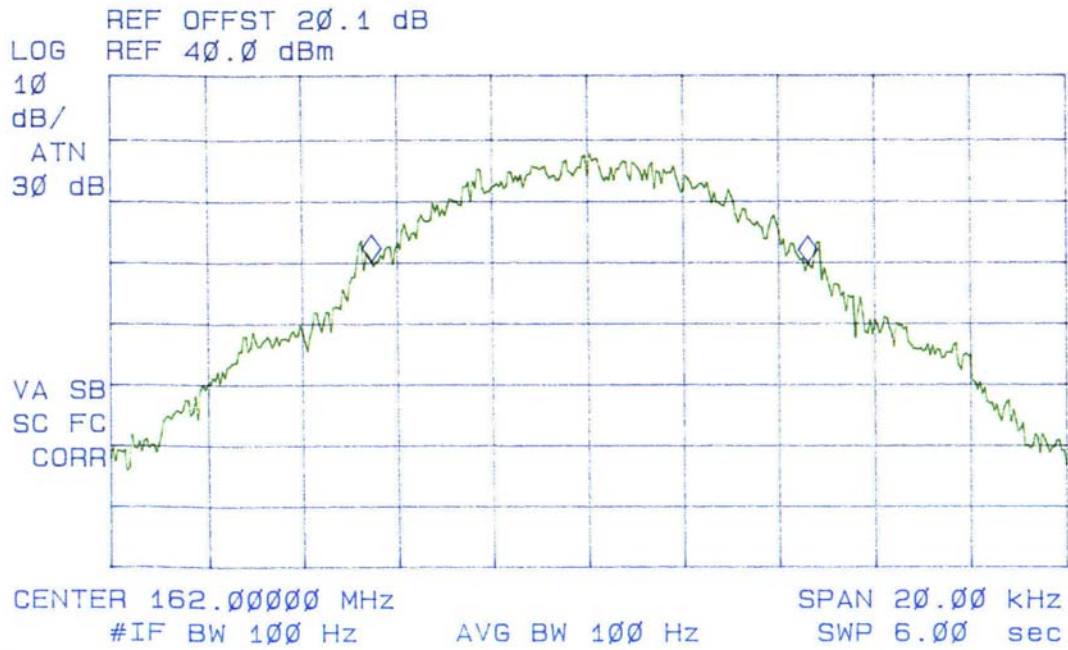
Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 2  
 99 % Occupied Bandwidth  
 Carrier Frequency: 162 MHz  
 Channel Spacing: 12.5 kHz  
 Power: 5 W

*hp*

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 9.15 kHz  
 -.33 dB



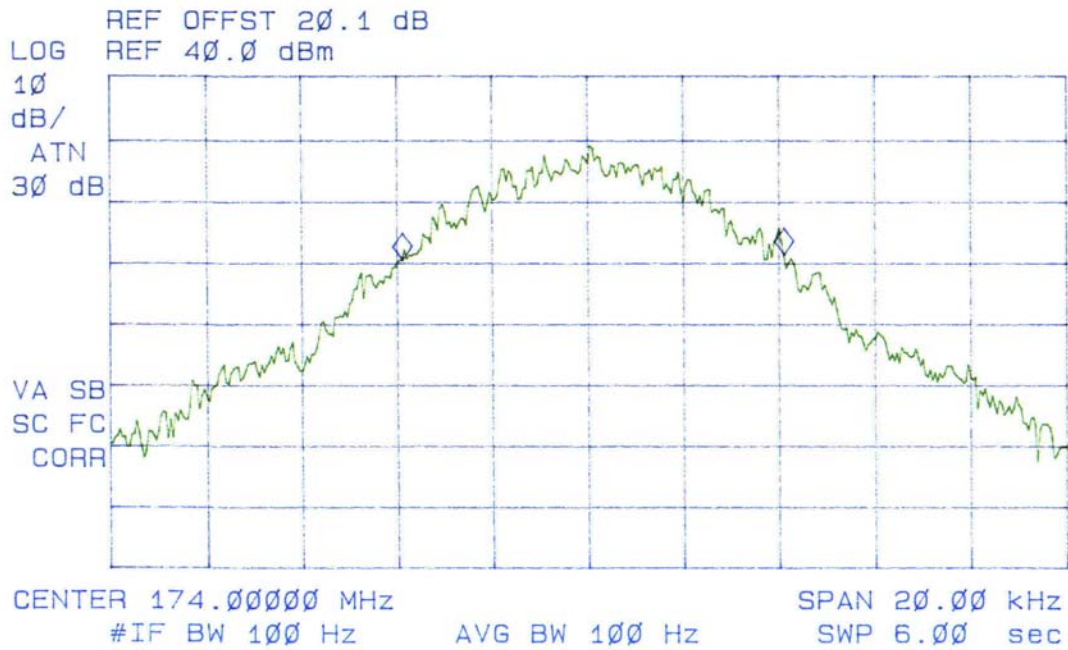
Microwave Data Systems Inc.  
 MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
 FCC ID: E5MDS-1710  
 IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 3  
99 % Occupied Bandwidth  
Carrier Frequency: 174 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W

hp

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 8.00 kHz  
.88 dB



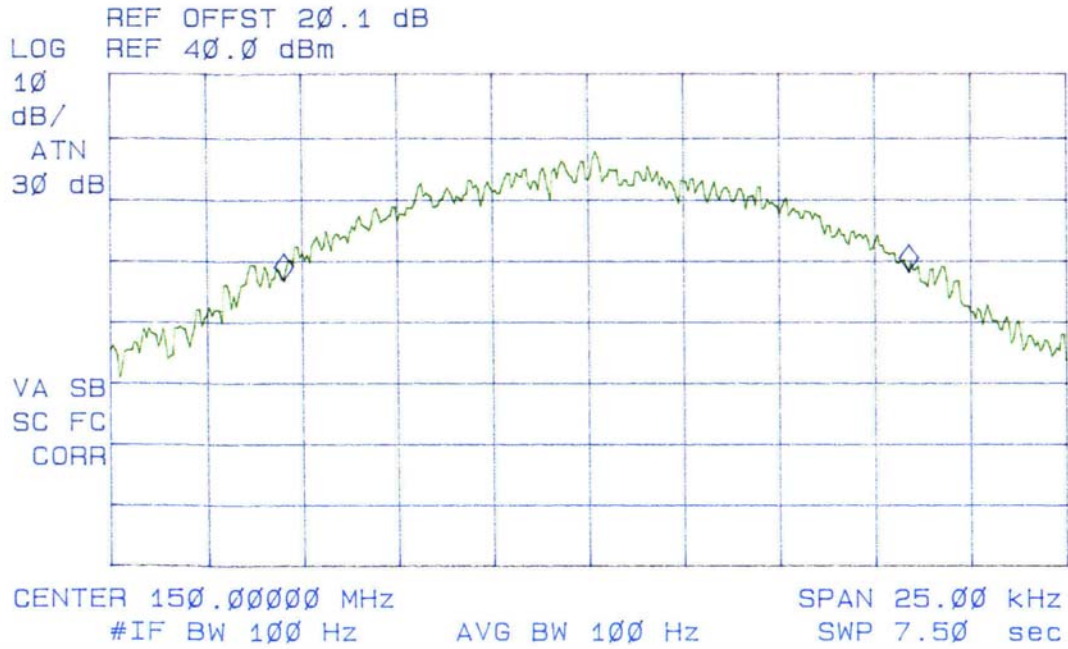
Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 4  
99 % Occupied Bandwidth  
Carrier Frequency: 150 MHz  
Channel Spacing: 25 kHz  
Power: 5 W

hp

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 16.38 kHz  
1.43 dB



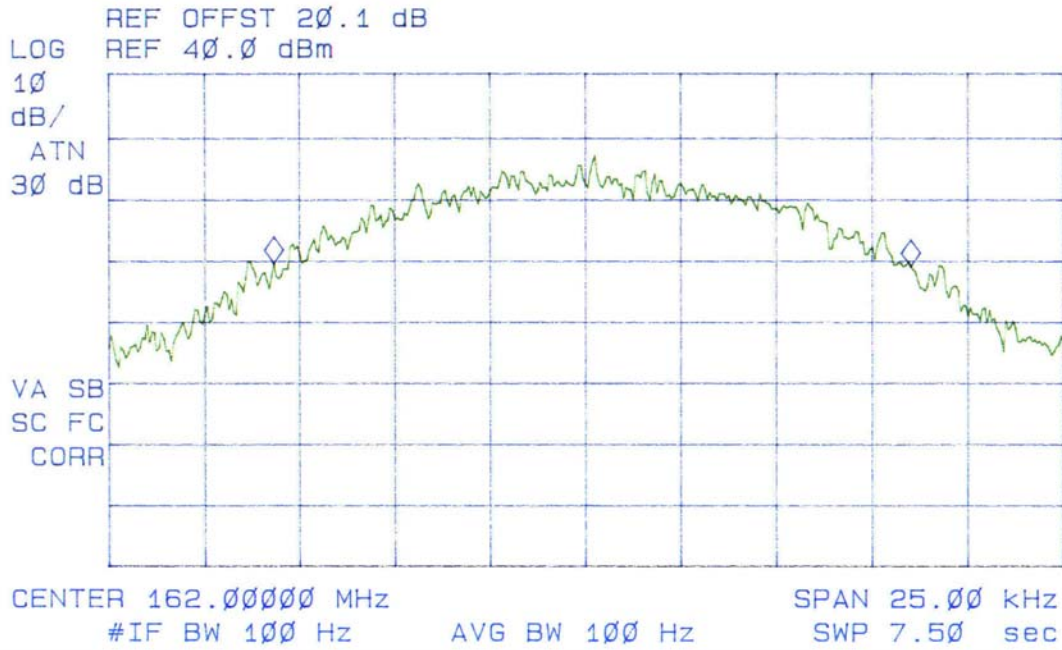
Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 5  
99 % Occupied Bandwidth  
Carrier Frequency: 162 MHz  
Channel Spacing: 25 kHz  
Power: 5 W

17

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 16.69 kHz  
-.49 dB



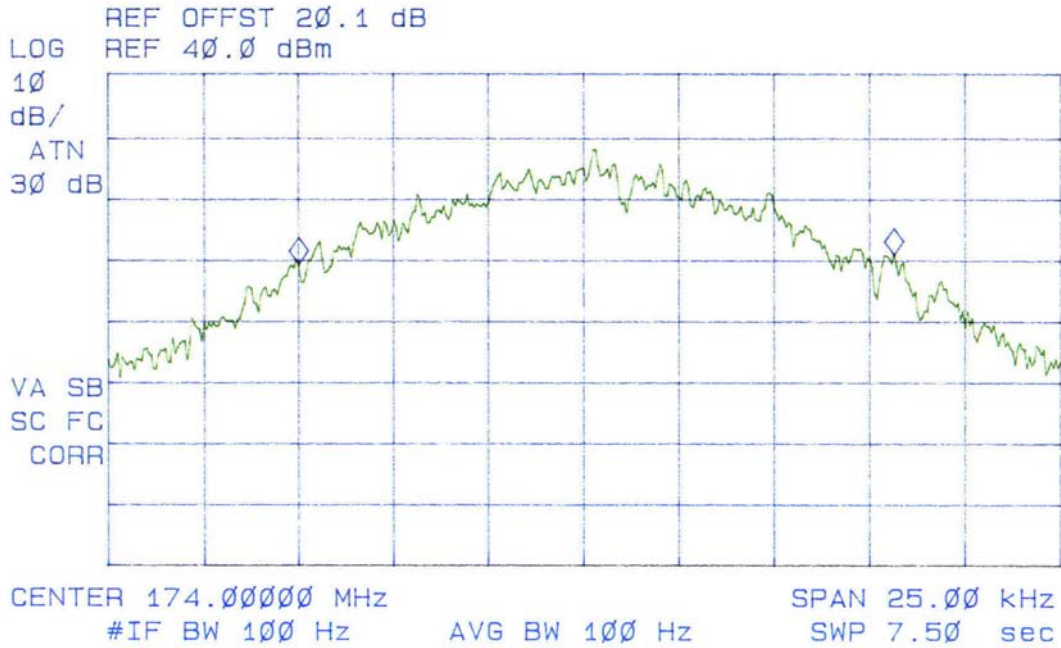
Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 6  
 99 % Occupied Bandwidth  
 Carrier Frequency: 174 MHz  
 Channel Spacing: 25 kHz  
 Power: 5 W

17

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 15.63 kHz  
 1.58 dB



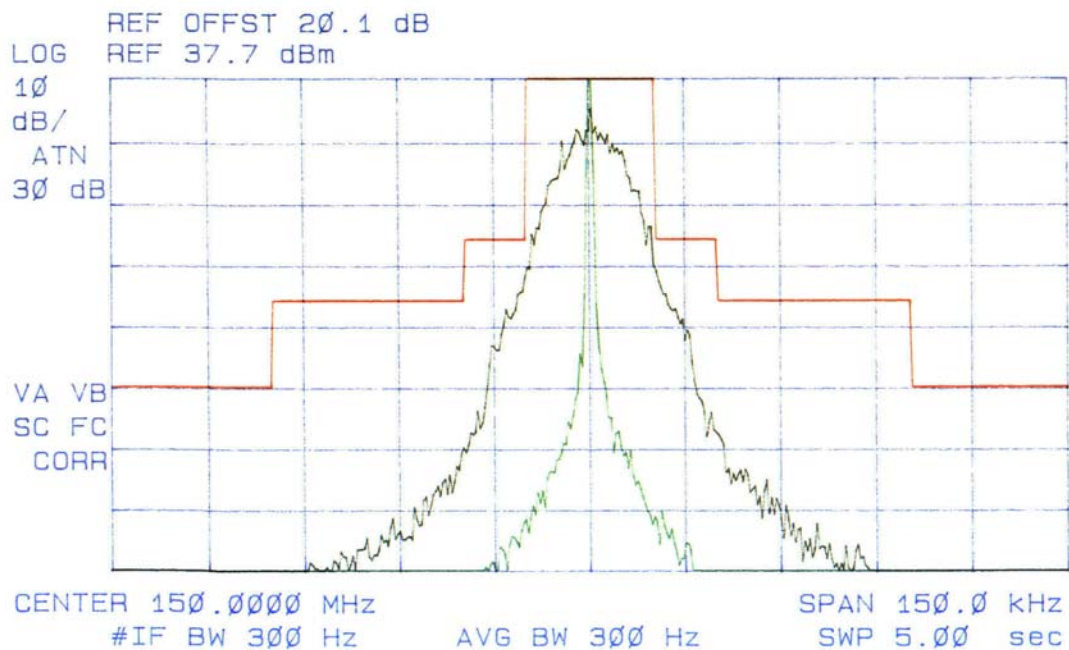
Microwave Data Systems Inc.  
 MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
 FCC ID: E5MDS-1710  
 IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 7  
Emission Mask B  
Carrier Frequency: 150 MHz  
Channel Spacing: 25 kHz  
Power: 5 W

*hp*

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG



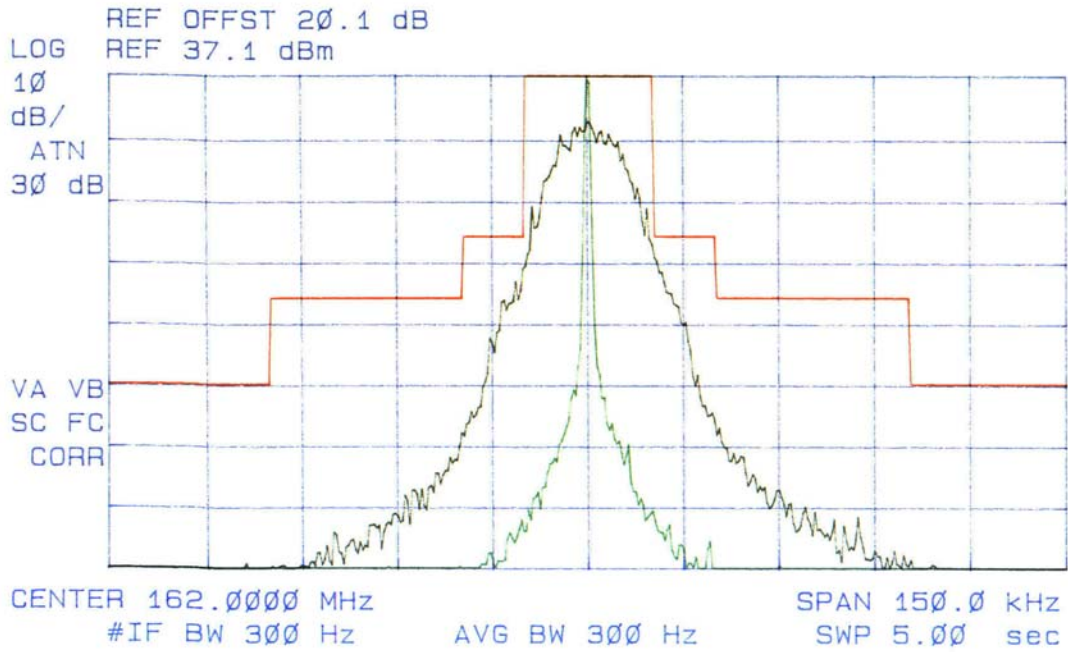
Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 8  
Emission Mask B  
Carrier Frequency: 162 MHz  
Channel Spacing: 25 kHz  
Power: 5 W

*hp*

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG



Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

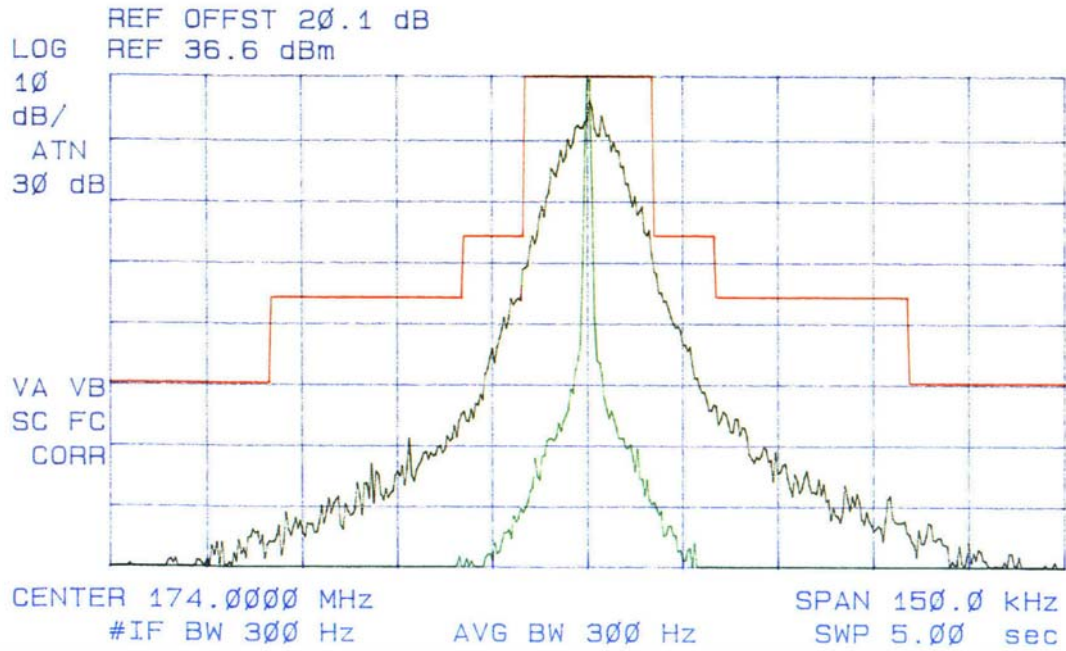


# ANNEX 1 - TEST DATA PLOTS

Plot # 9  
Emission Mask B  
Carrier Frequency: 174 MHz  
Channel Spacing: 25 kHz  
Power: 5 W

hp

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG

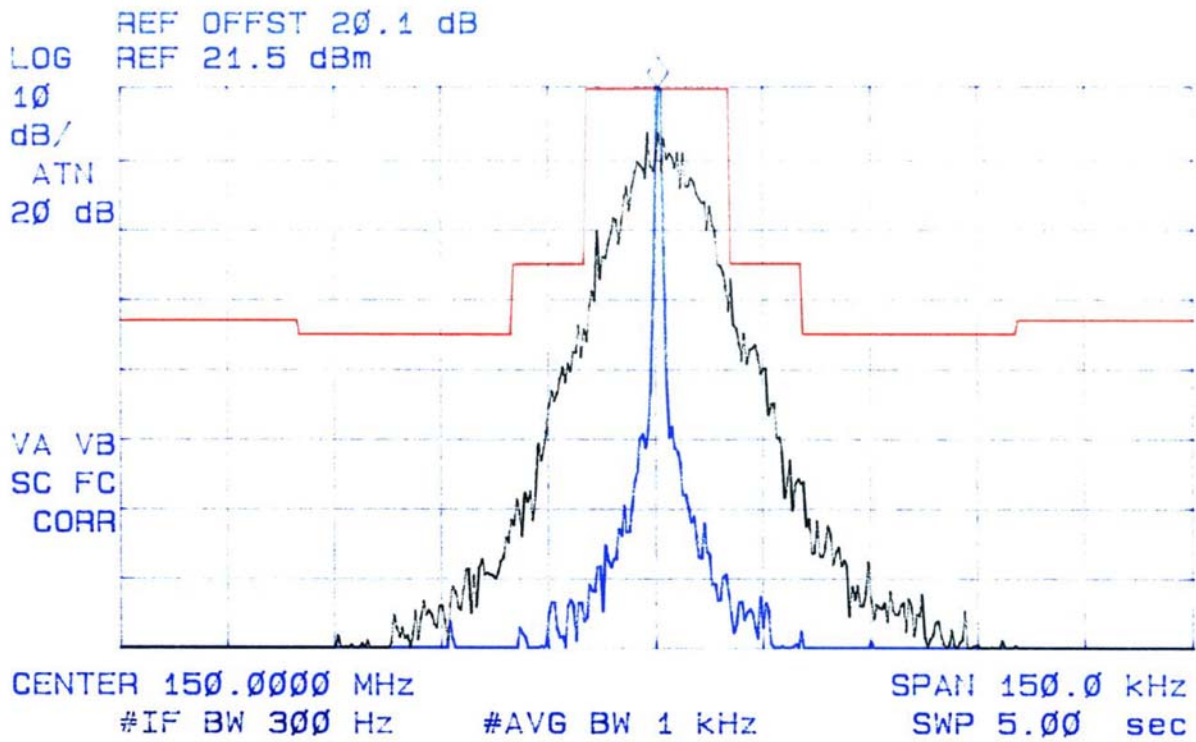


Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 10  
Emission Mask B  
Carrier Frequency: 150 MHz  
Channel Spacing: 25 kHz  
Power: 100 mW

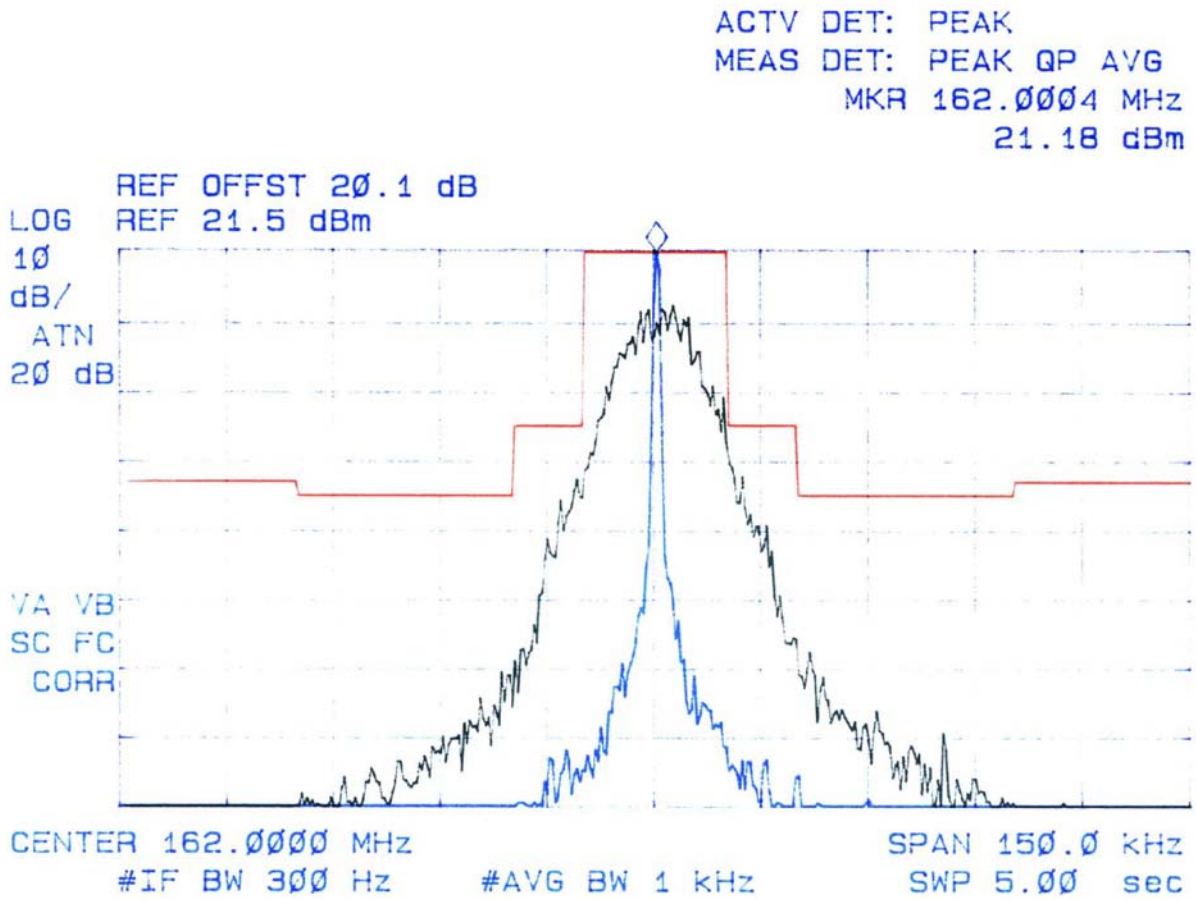
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 150.0004 MHz  
21.41 dBm



Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

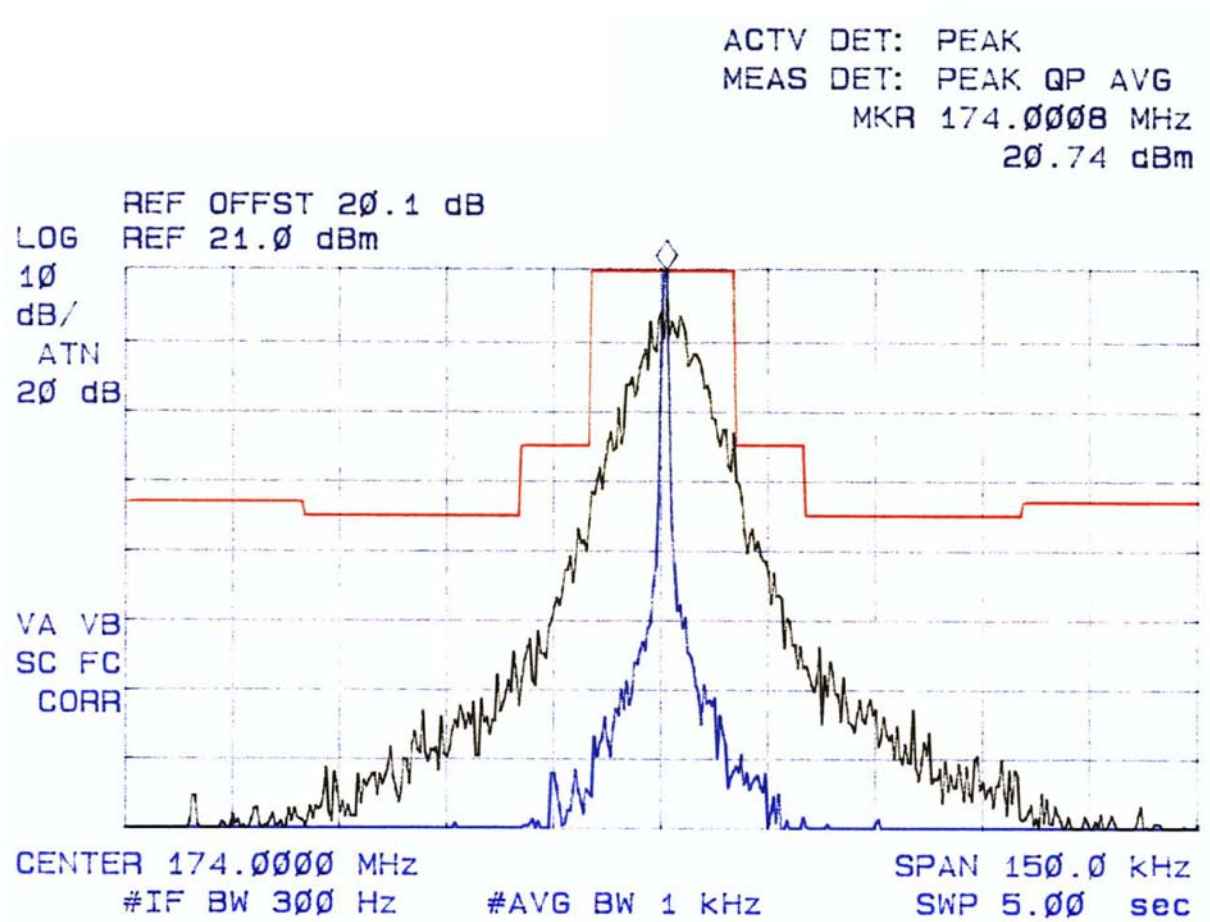
# ANNEX 1 - TEST DATA PLOTS

Plot # 11  
Emission Mask B  
Carrier Frequency: 162 MHz  
Channel Spacing: 25 kHz  
Power: 100 mW



# ANNEX 1 - TEST DATA PLOTS

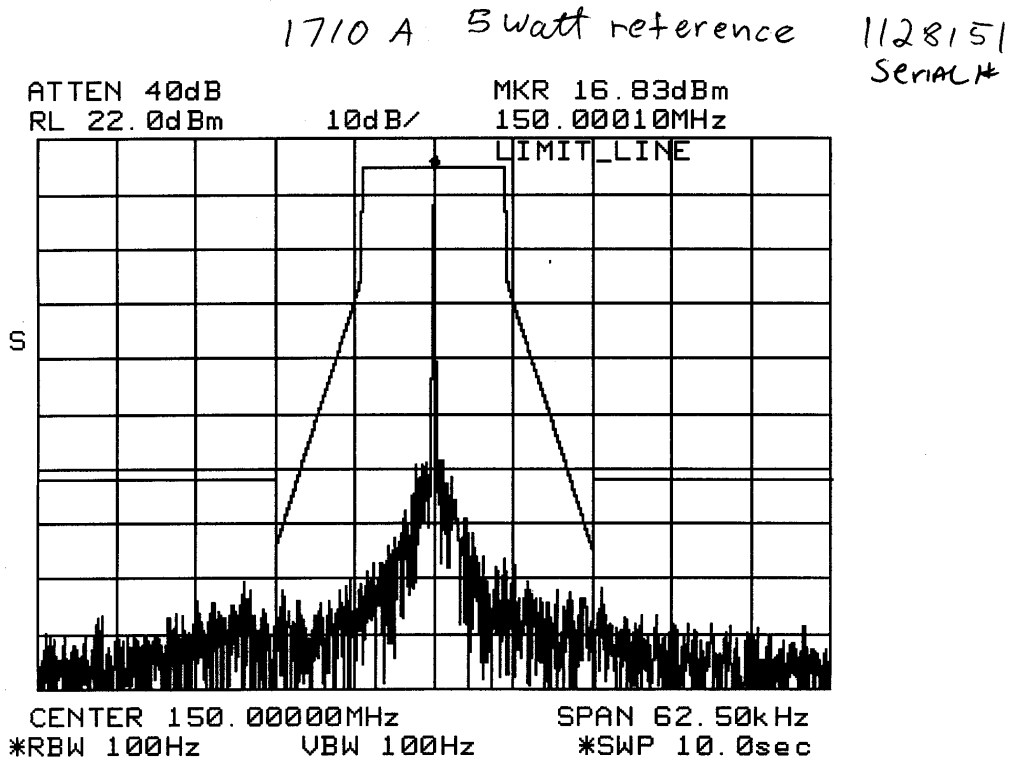
Plot # 12  
Emission Mask B  
Carrier Frequency: 174 MHz  
Channel Spacing: 25 kHz  
Power: 100 mW



Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 13  
 Emission Mask D  
 Carrier Frequency: 150 MHz  
 Channel Spacing: 12.5 kHz  
 Power: 5 W  
 Comment: Test results provided by the manufacturer, Microwave Data Systems Inc.

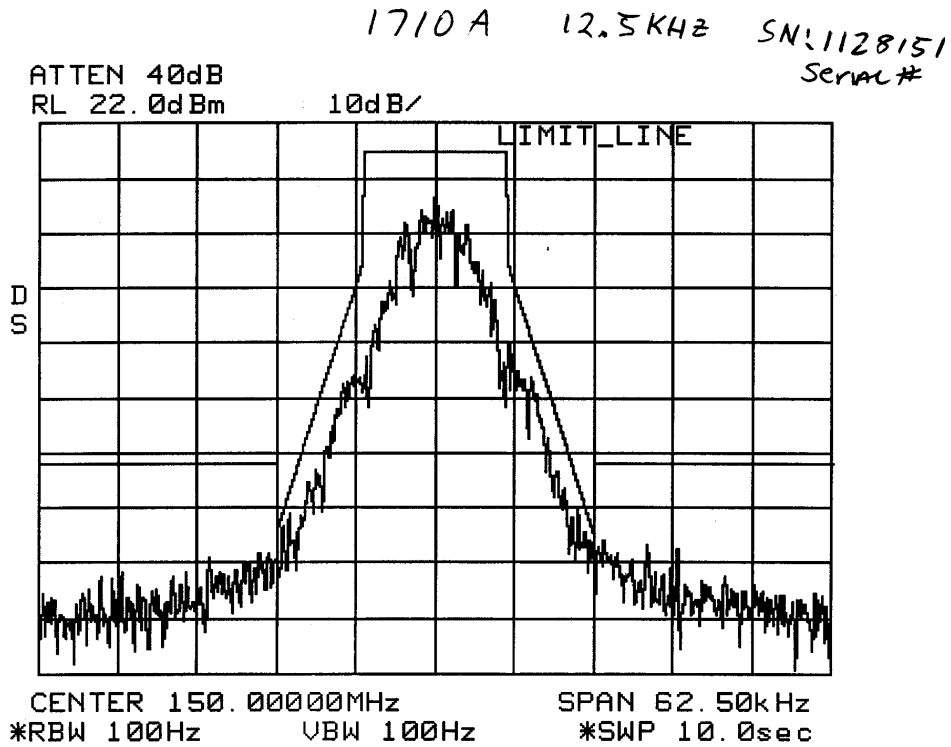


*MDS 1710A 150MHz 5WATT REFERENCE*  
*12.5 KHz channel spacing*  
*FCC MASK D*

*Dm*  
*1/6/02*

# ANNEX 1 - TEST DATA PLOTS

Plot # 14  
Emission Mask D  
Carrier Frequency: 150 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W  
Comment: Test results provided by the manufacturer, Microwave Data Systems Inc.



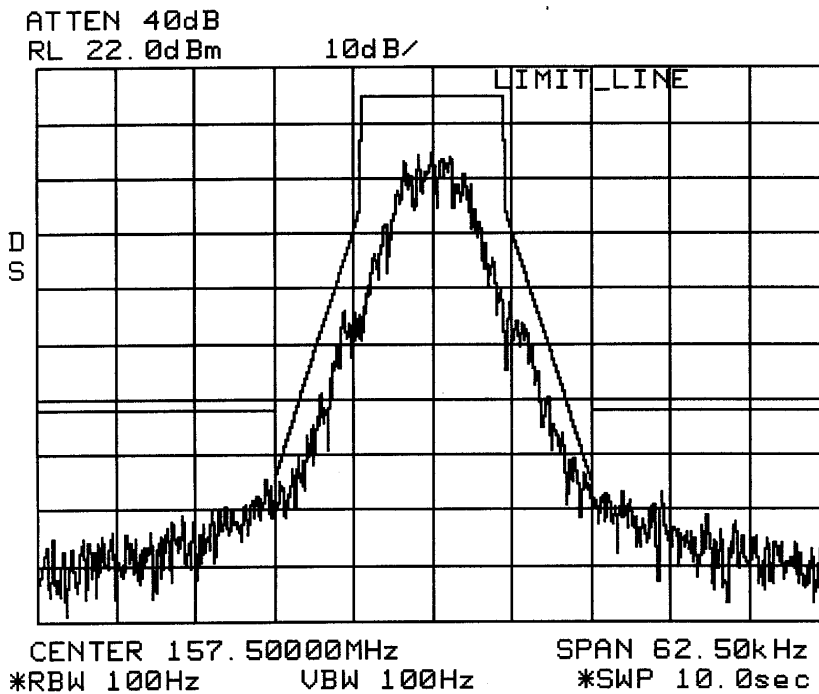
MDS1710A 150MHz  
MODULATION ON  
12.5KHz channel spacing  
FCC MASK D

Dm  
1/10/02

# ANNEX 1 - TEST DATA PLOTS

Plot # 15  
Emission Mask D  
Carrier Frequency: 157.5 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W  
Comment: Test results provided by the manufacturer, Microwave Data Systems Inc.

1710A 12.5KHz 1128151  
Serial #



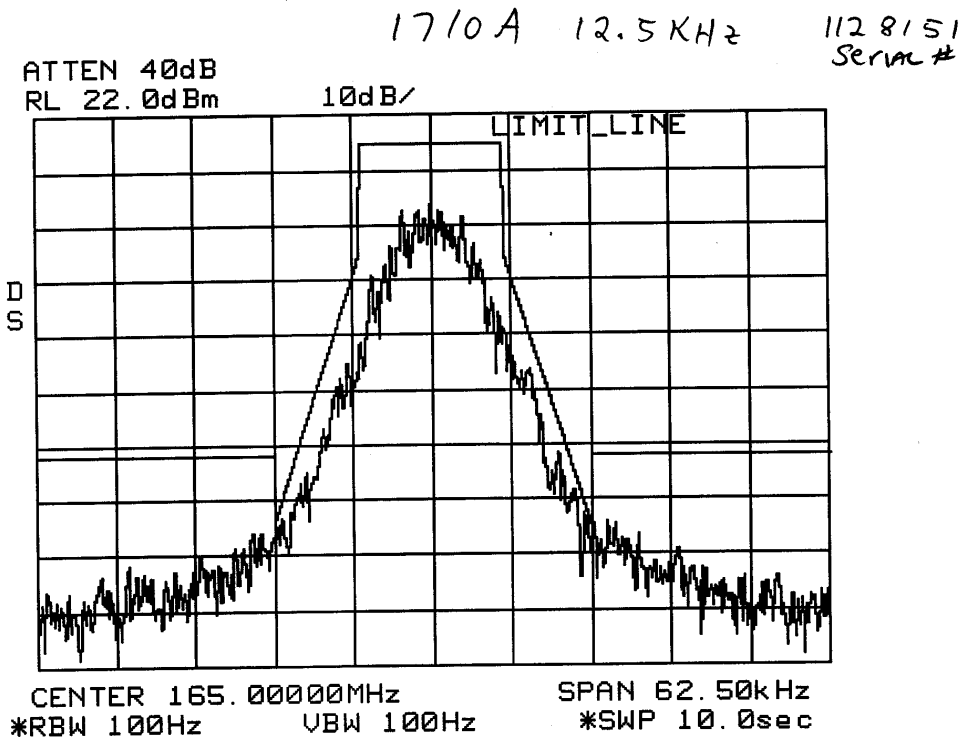
MDS 1710A 157.5 MHz  
MODULATION ON  
12.5 KHz channel spacing  
FCC MASK D

Om  
1/6/02

Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 16  
Emission Mask D  
Carrier Frequency: 165 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W  
Comment: Test results provided by the manufacturer, Microwave Data Systems Inc.



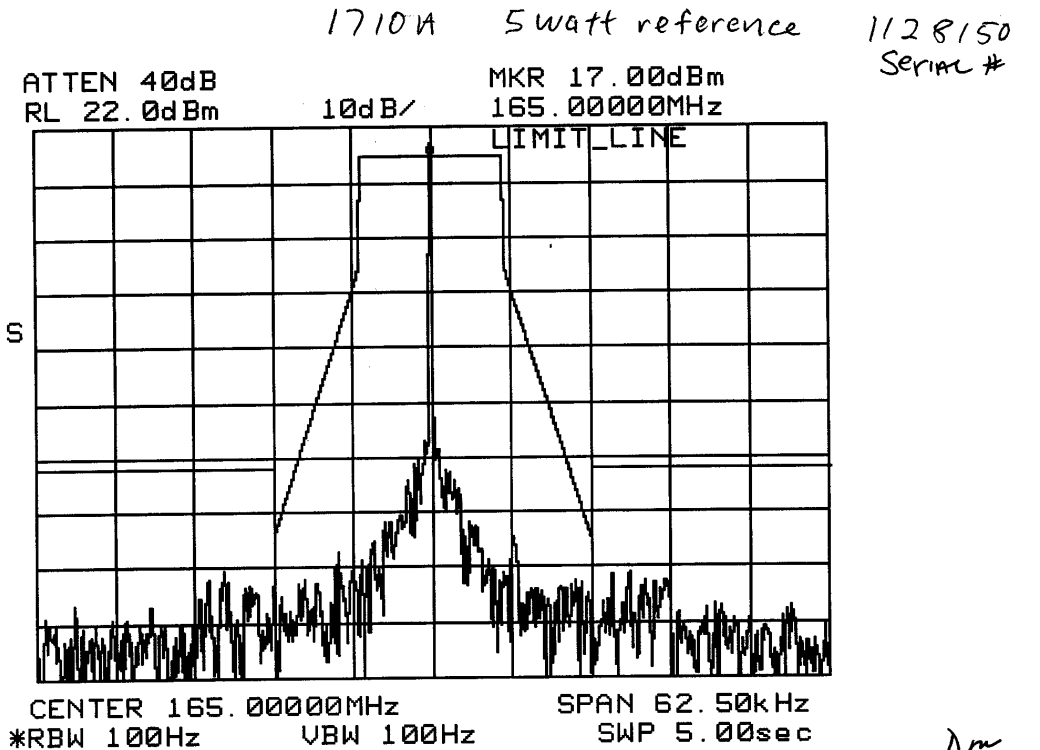
MDS 1710A 165MHz  
MODULATION ON  
12.5KHz channel spacing  
FCC MASK D

Dm  
1/6/02



**ANNEX 1 - TEST DATA PLOTS**

Plot # 17  
 Emission Mask D  
 Carrier Frequency: 165 MHz  
 Channel Spacing: 12.5 kHz  
 Power: 5 W  
 Comment: Test results provided by the manufacturer, Microwave Data Systems Inc.



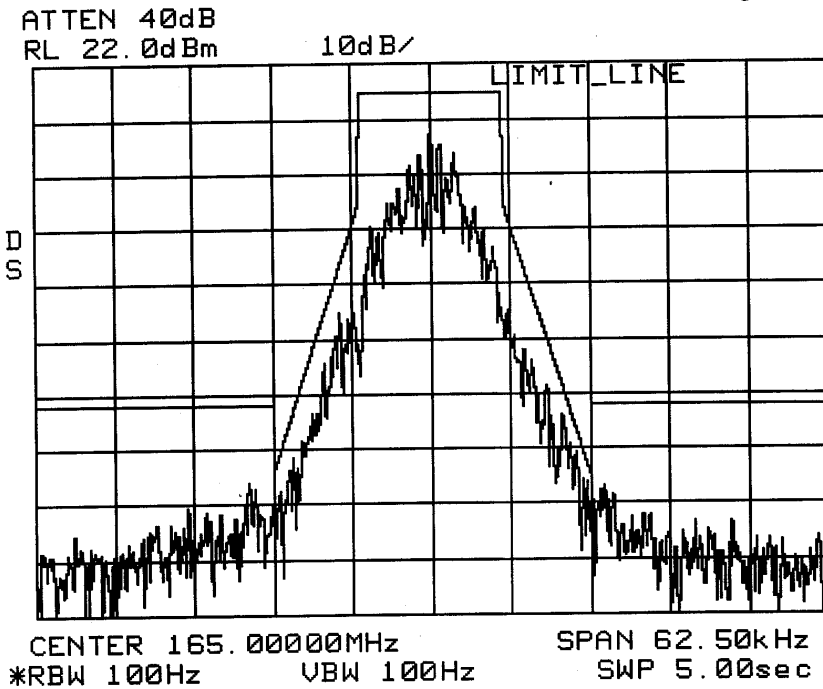
*Dm  
1/6/02*

*MDS 1710A 165MHz 5WATT REFERENCE  
 12.5KHZ channel spacing  
 FCC MASK D*

# ANNEX 1 - TEST DATA PLOTS

Plot # 18  
Emission Mask D  
Carrier Frequency: 165 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W  
Comment: Test results provided by the manufacturer, Microwave Data Systems Inc.

1710 A 12.5 KHz SN:1128150  
Serial #

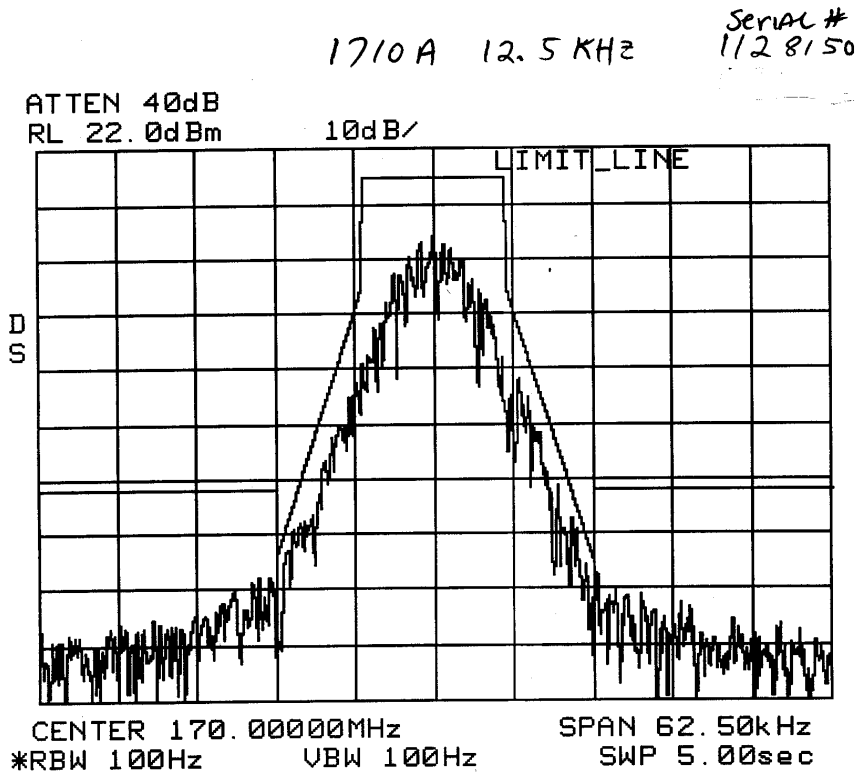


MDS 1710A 165 MHz  
MODULATION ON  
12.5 KHz channel spacing  
FCC MASK D

DM  
1/6/02

# ANNEX 1 - TEST DATA PLOTS

Plot # 19  
Emission Mask D  
Carrier Frequency: 170 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W  
Comment: Test results provided by the manufacturer, Microwave Data Systems Inc.



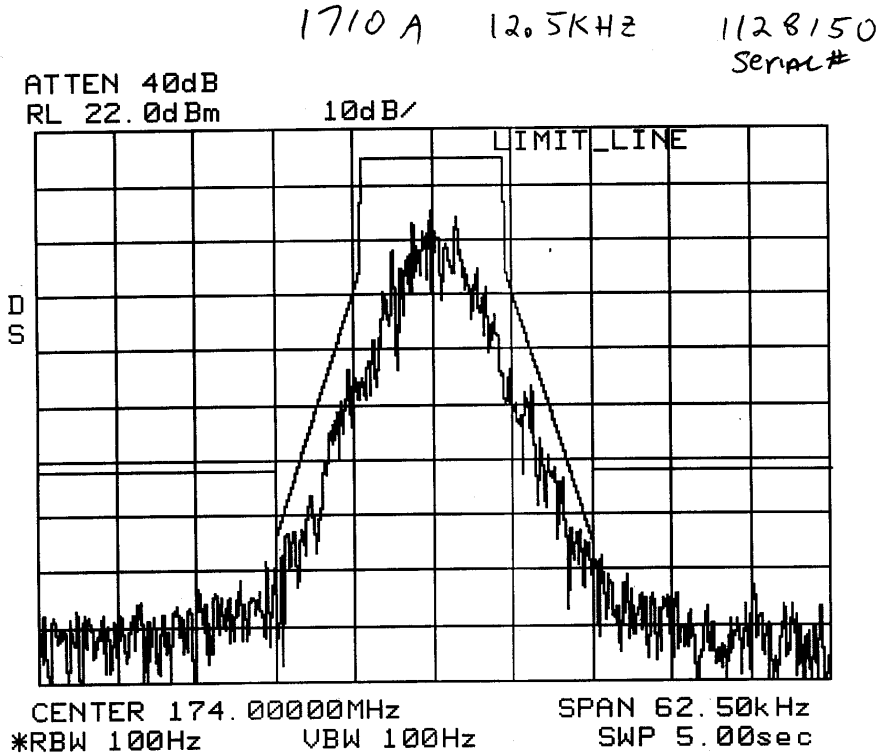
MDS1710A 170MHz  
MODULATION ON  
12.5KHz channel spacing  
FCC MASK D

DN  
1/6/02

Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 20  
Emission Mask D  
Carrier Frequency: 174 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W  
Comment: Test results provided by the manufacturer, Microwave Data Systems Inc.



MDS1710A 174MHz  
MODULATION ON  
12.5 KHz channel spacing  
FCC MASK D

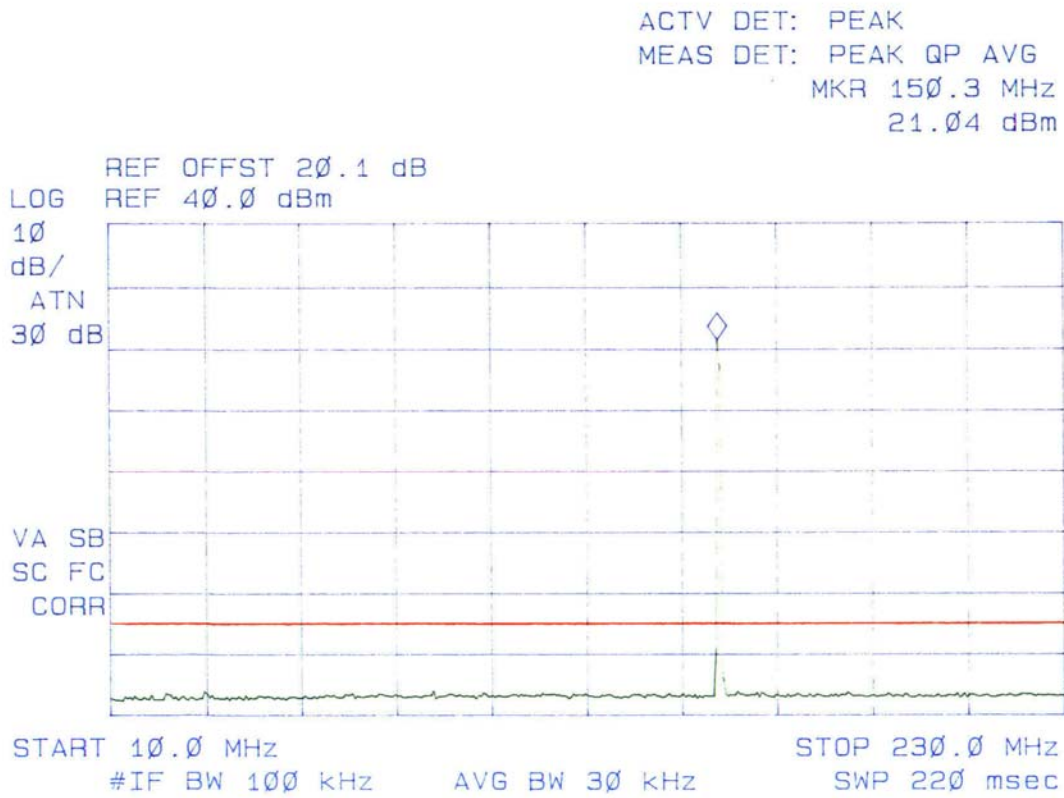
Dm  
1/6/02

Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 21  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 150 MHz  
Channel Spacing: 12.5 kHz  
Power: 0.1 W

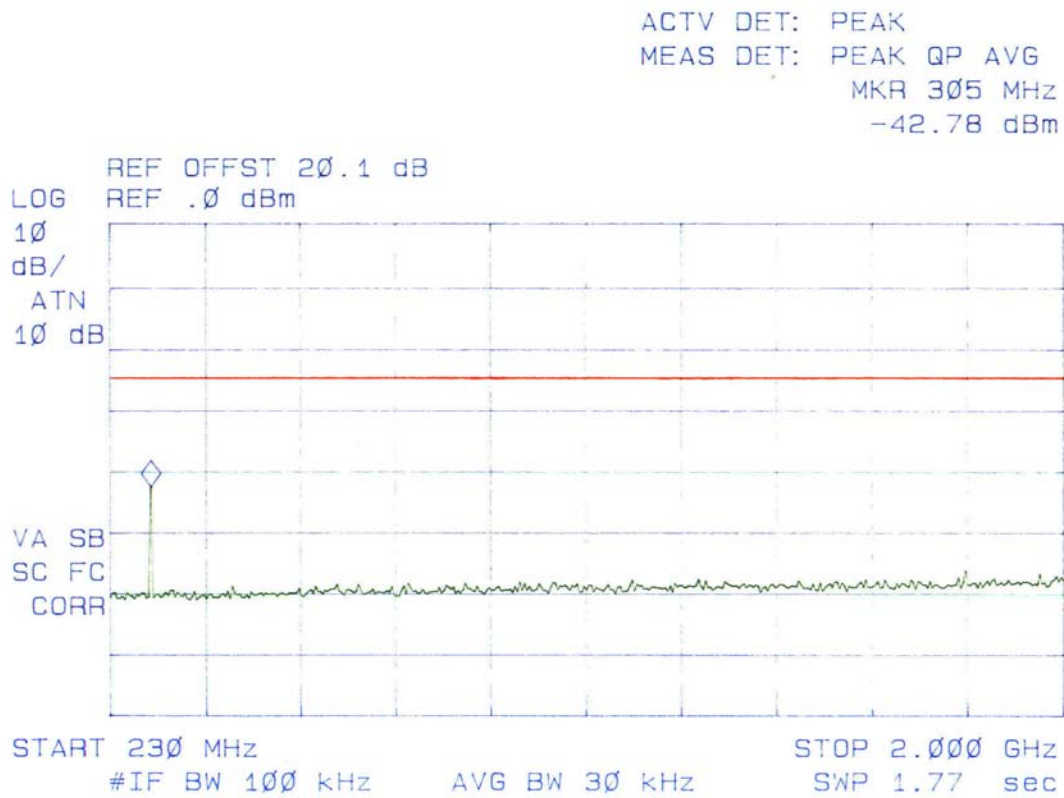
hp



# ANNEX 1 - TEST DATA PLOTS

Plot # 22  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 150 MHz  
Channel Spacing: 12.5 kHz  
Power: 0.1 W

hp

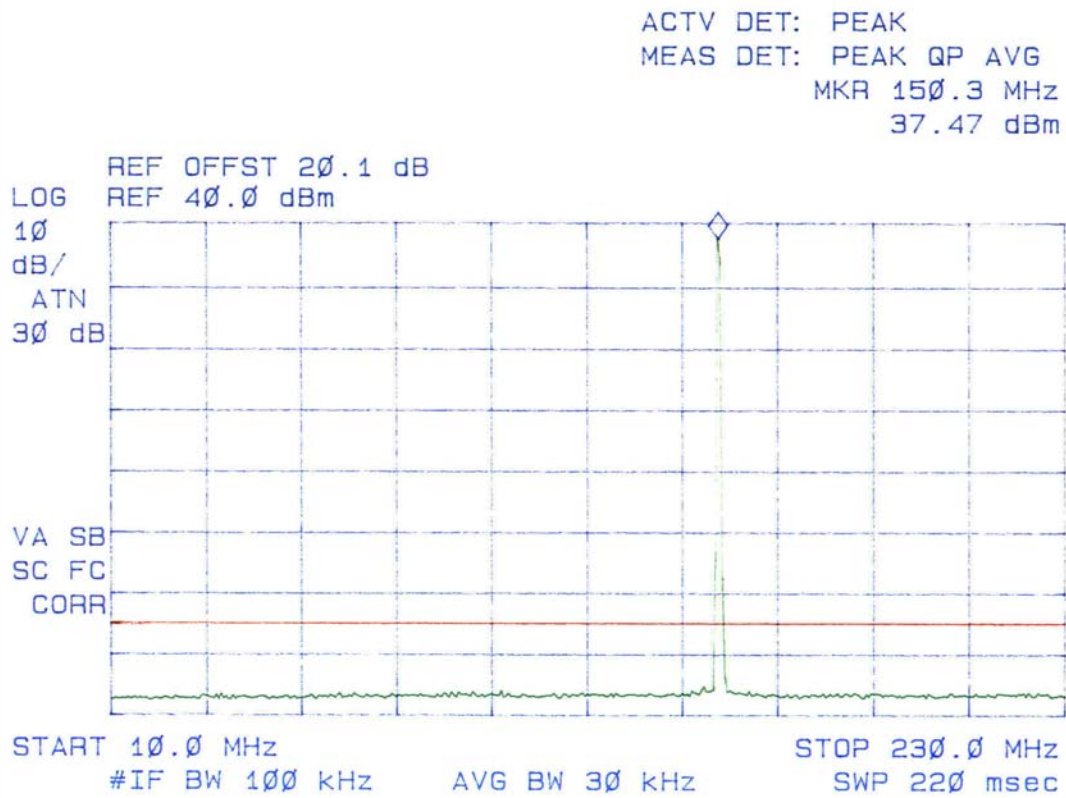


Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 23  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 150 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W

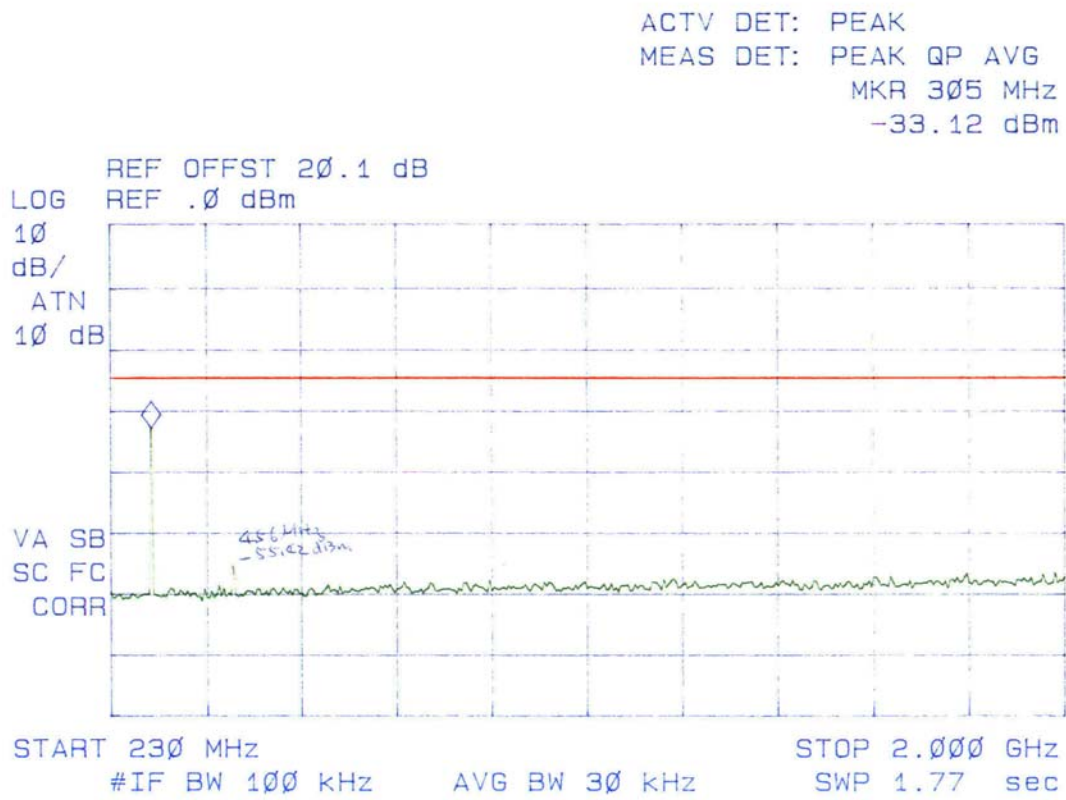
177



# ANNEX 1 - TEST DATA PLOTS

Plot # 24  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 150 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W

*hp*



Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710



# ANNEX 1 - TEST DATA PLOTS

Plot #25  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 162 MHz  
Channel Spacing: 12.5 kHz  
Power: 0.1 W

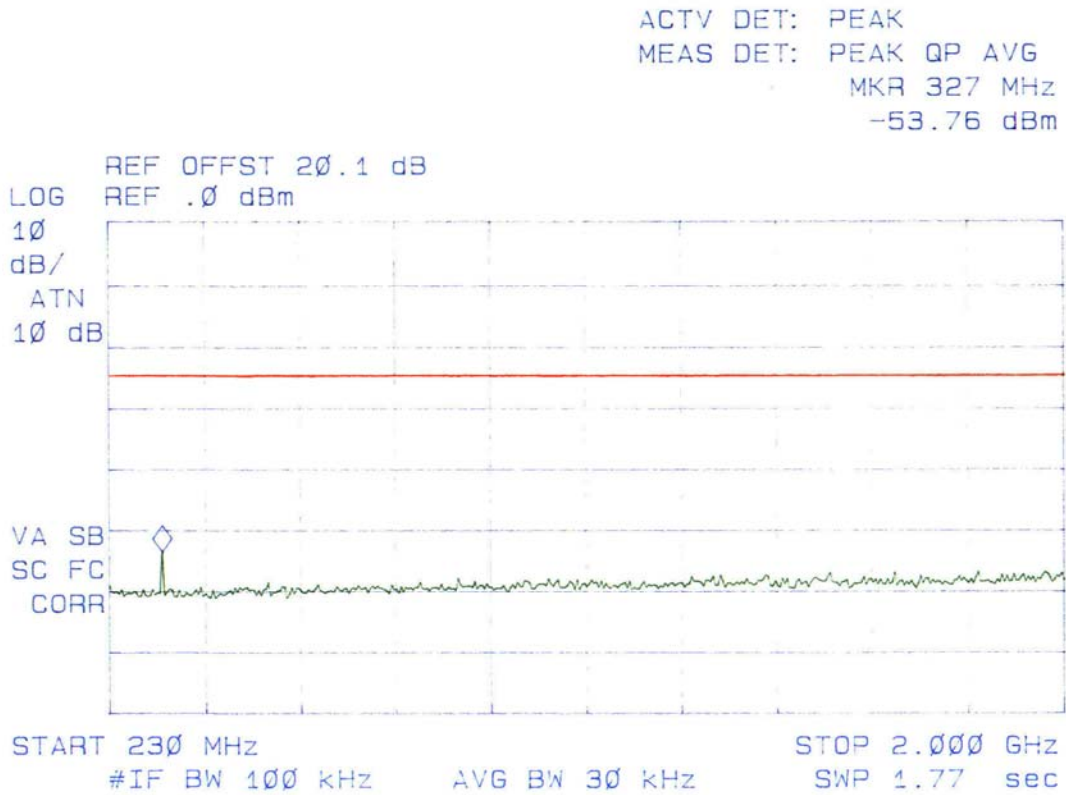
hp



# ANNEX 1 - TEST DATA PLOTS

Plot # 26  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 162 MHz  
Channel Spacing: 12.5 kHz  
Power: 0.1 W

hp

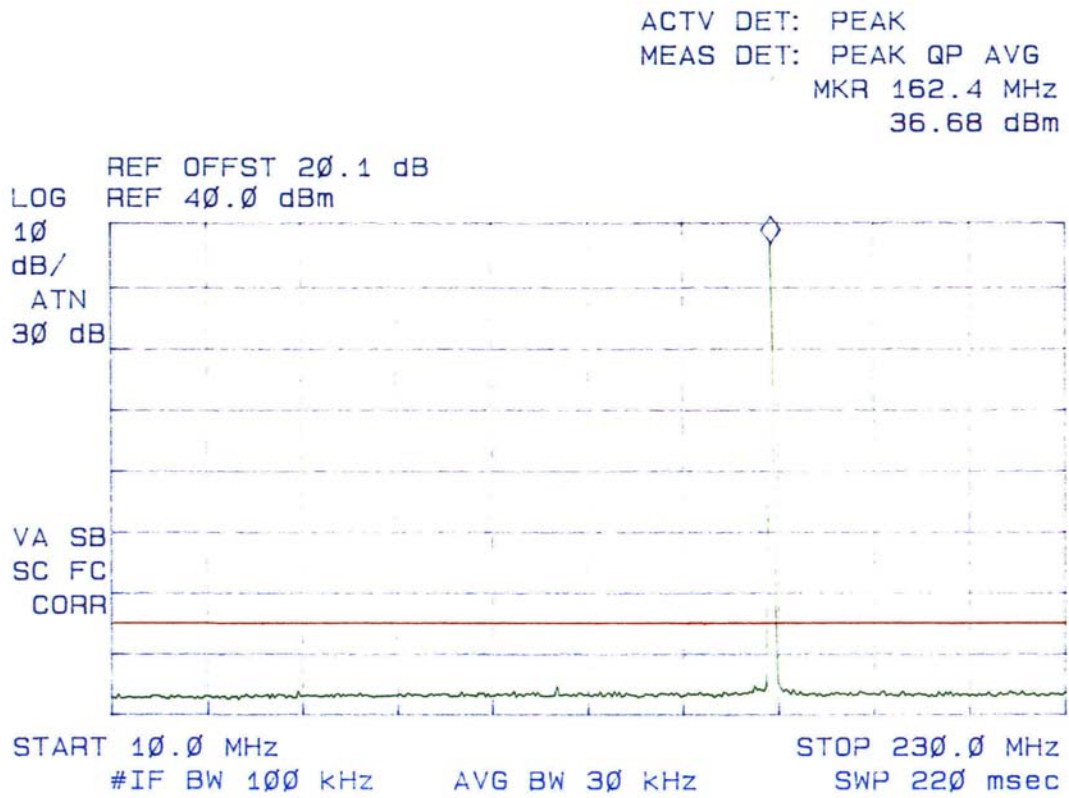


Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 27  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 162 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W

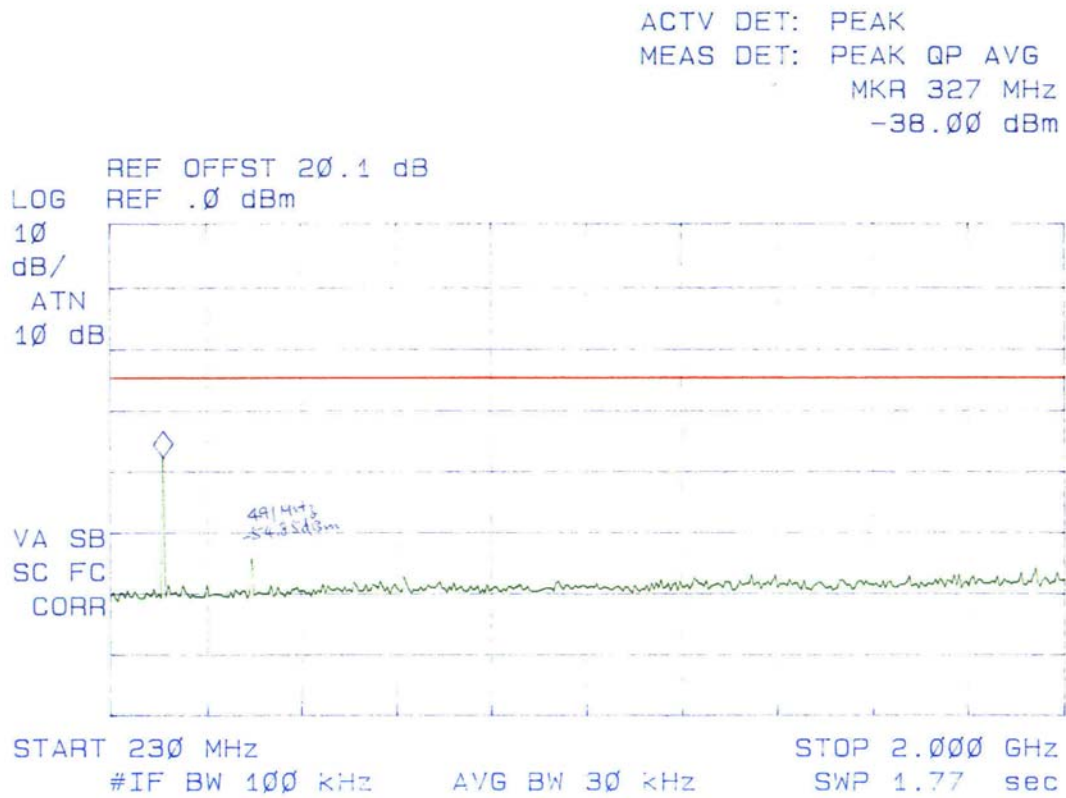
hp



# ANNEX 1 - TEST DATA PLOTS

Plot # 28  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 162 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W

hp

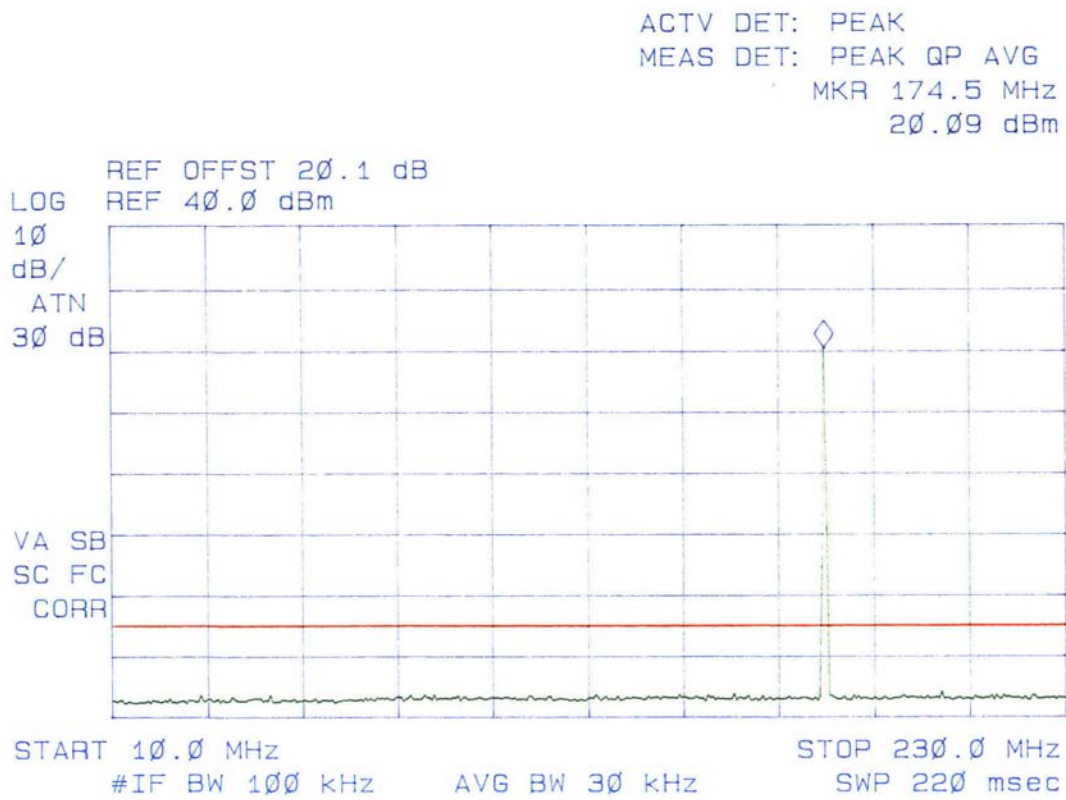


Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot #29  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 174 MHz  
Channel Spacing: 12.5 kHz  
Power: 0.1 W

hp



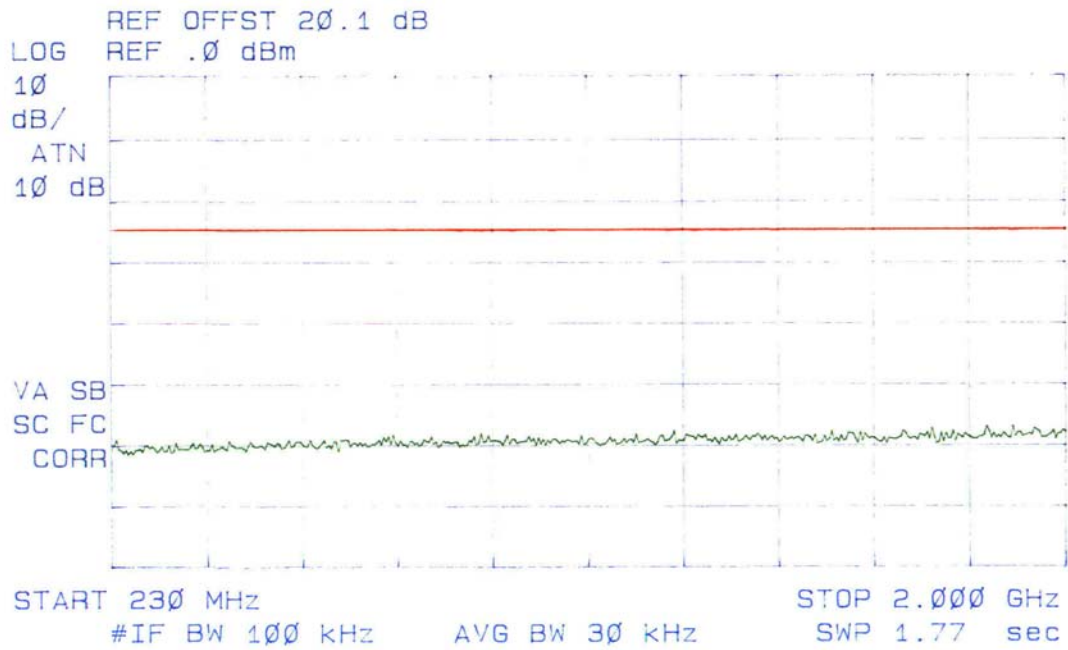
Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 30  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 174 MHz  
Channel Spacing: 12.5 kHz  
Power: 0.1 W

hp

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG

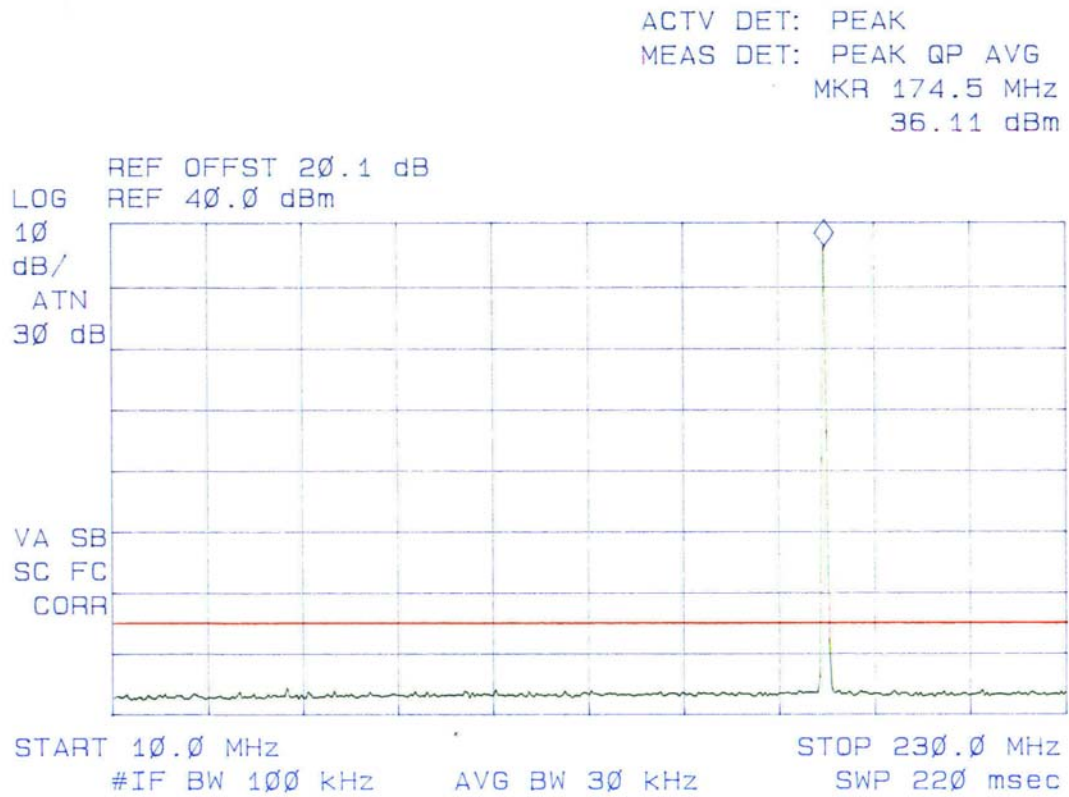


Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 31  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 174 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W

hp



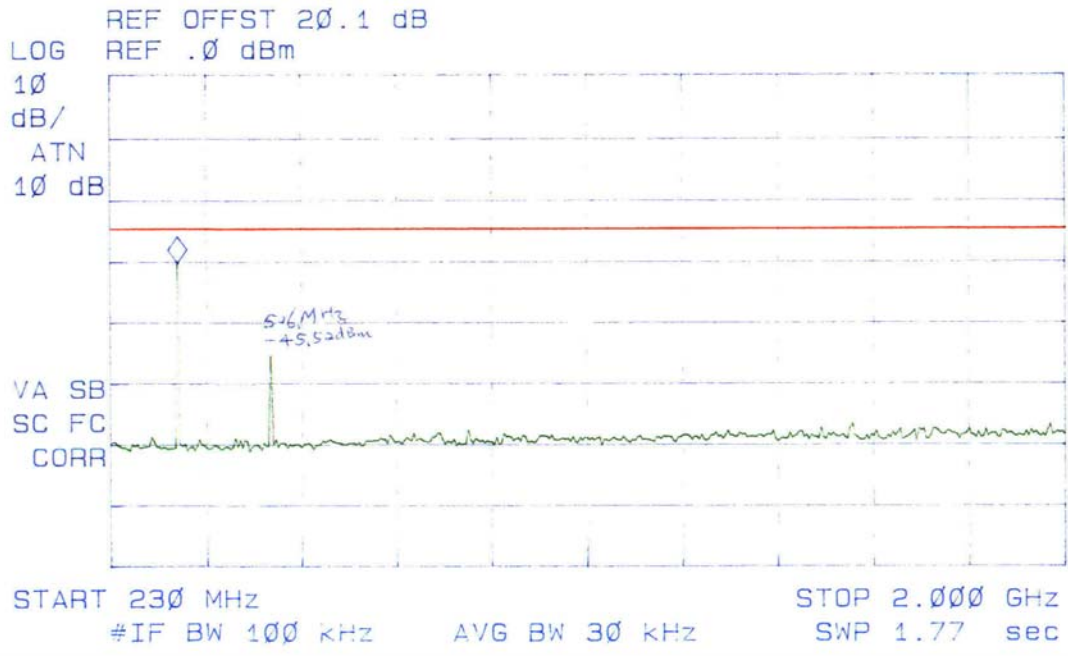
Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710

# ANNEX 1 - TEST DATA PLOTS

Plot # 32  
Spurious Emissions at Antenna Terminals  
Carrier Frequency: 174 MHz  
Channel Spacing: 12.5 kHz  
Power: 5 W

hp

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 354 MHz  
-30.57 dBm



Microwave Data Systems Inc.  
MDS1710 Data Transceiver, Model MDS1710A and MDS1710C  
FCC ID: E5MDS-1710  
IC: 3738A-MDS1710