

Customer: Symbol Technologies
 Test Sample: 2.4 GHz Direct Sequence Spread Spectrum Transceiver
 Model No.: PPT4600 FCC ID: HRPPT4600CEWV99
 Test Method: FCC 15.247 (d) Antenna Conducted Emissions 30 MHz to 25 GHz
 Notes: Center Frequency Test: 2.412 GHz

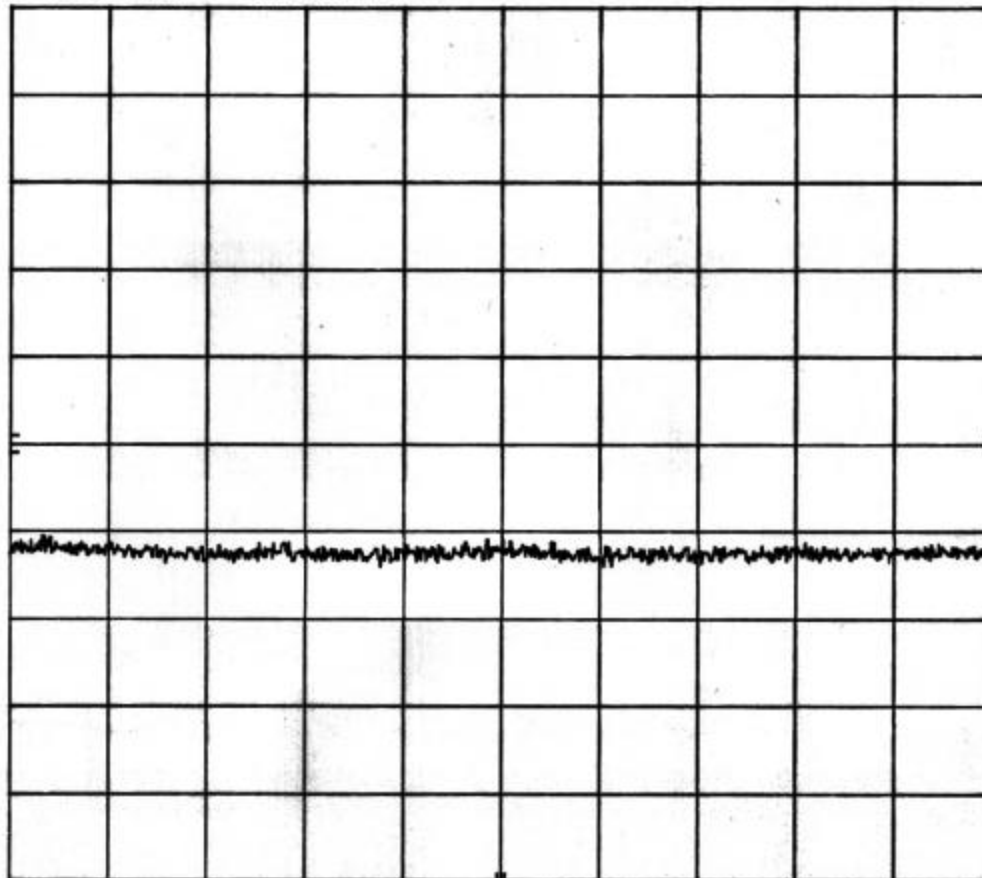


Retif Testing Laboratories
 Report No. R-8392-1

R-8392-1 PPT4600 Antenna C.E. ND 2/1/00

REF 2.7 dBm ATTEN 10 dB

hp
 10 dB/
 OFFSET
 10.0
 dB
 DL
 -17.3
 dBm



START 14.00 GHz

RES BW 100 kHz

VBW 300 kHz

STOP 16.00 GHz

SWP 20.0 sec

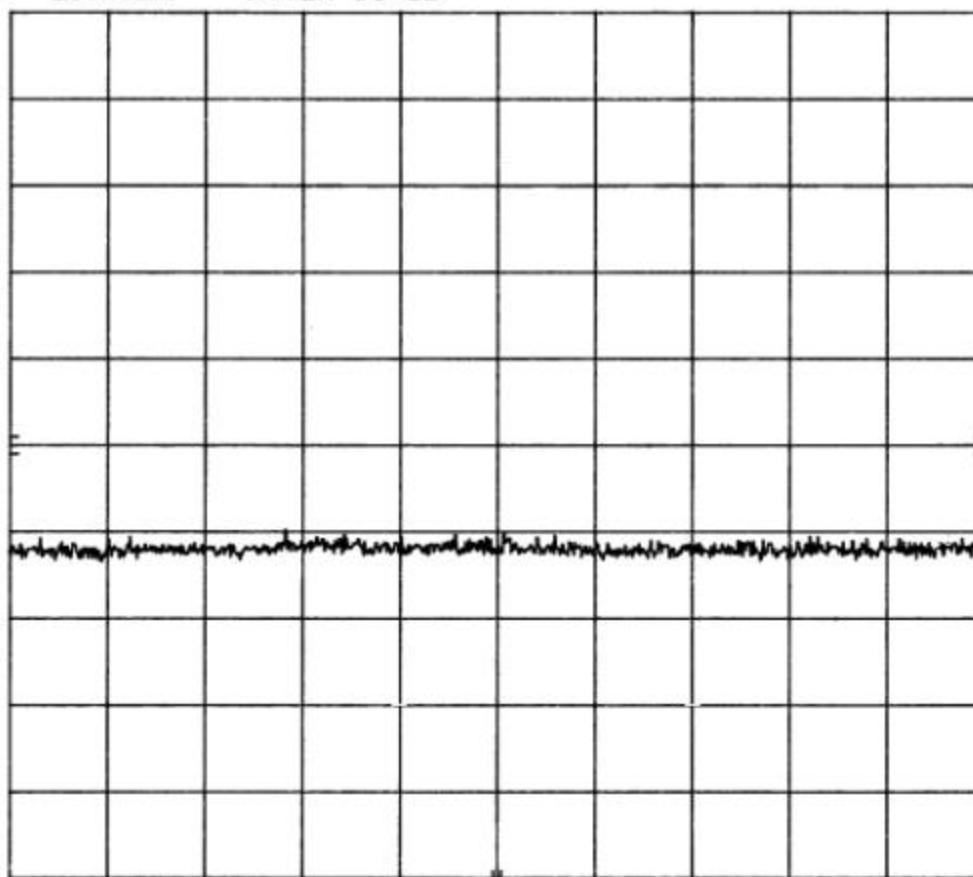
Customer: Symbol Technologies
 Test Sample: PPT4600
 Model No.: FCC ID: H99PPT4600C01W1W9
 Test Method: FCC 15.247 (c) Antenna Conducted Emissions 30 kHz to 25 GHz
 Notes: Carrier Frequency Testset: 2.412 GHz



Retliff Testing Laboratories
 Report No. R-8392-1

R-8392-1 PPT4600 Antenna C.E. ND 2/1/00
 REF 2.7 dBm ATTN 10 dB

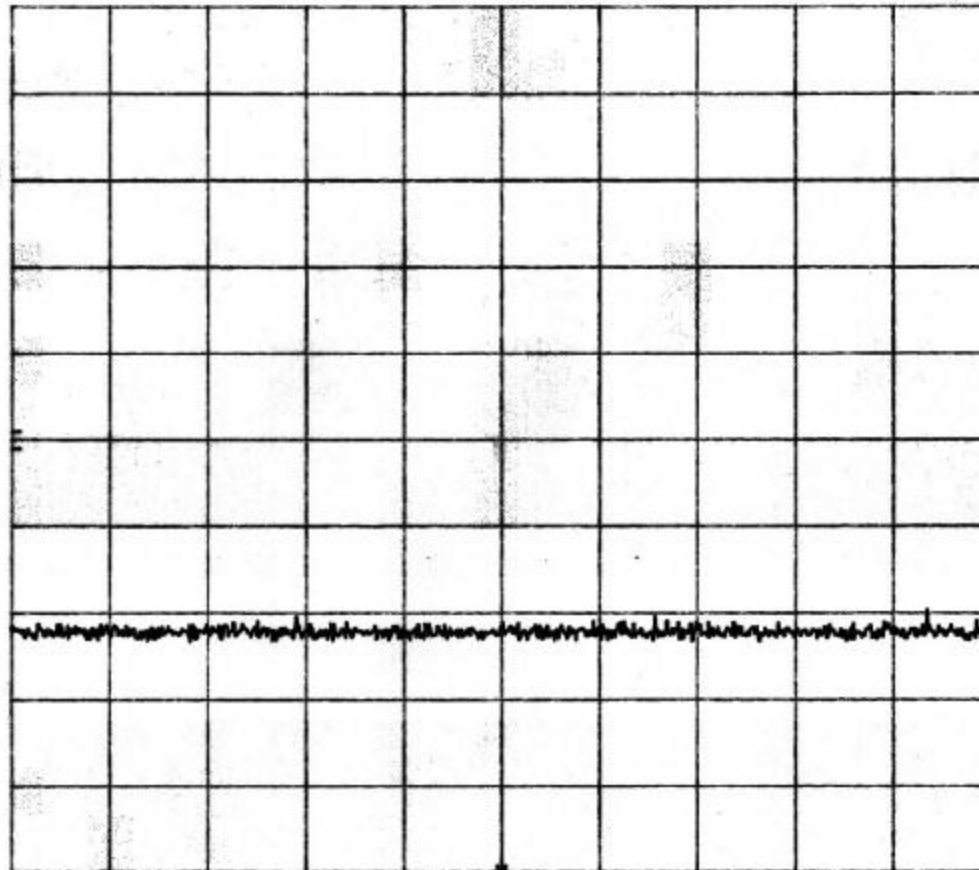
hp
 10 dB/
 OFFSET
 10.0
 dB
 DL
 -17.3
 dBm



START 16.00 GHz STOP 18.00 GHz
 RES BW 100 kHz VBW 300 kHz SWP 20.0 sec

R-8392-1 PPT4600 Antenna C.E. ND 2/4/00
REF 2.7 dBm HARMONIC 6L

hp
10 dB/
CNVLOSS
21.0
dB
DL
-17.3
dBm



START 18.00 GHz STOP 25.00 GHz
RES BW 100 kHz VBW 300 kHz SWP 20.0 sec

Customer: Symbol Technologies
Test Sample: 2.4 GHz Direct Sequence Spread Spectrum Transceiver
Model No.: PPT4600 FCC ID: H989PT460000HMEV9
Test Method: FCC 15.247 (b) Antenna Conducted Emissions 30 MHz to 25 GHz
Notes: Carrier Frequency Tested: 2.412 GHz

Date: February 4, 2000

Technician: N. Dingus

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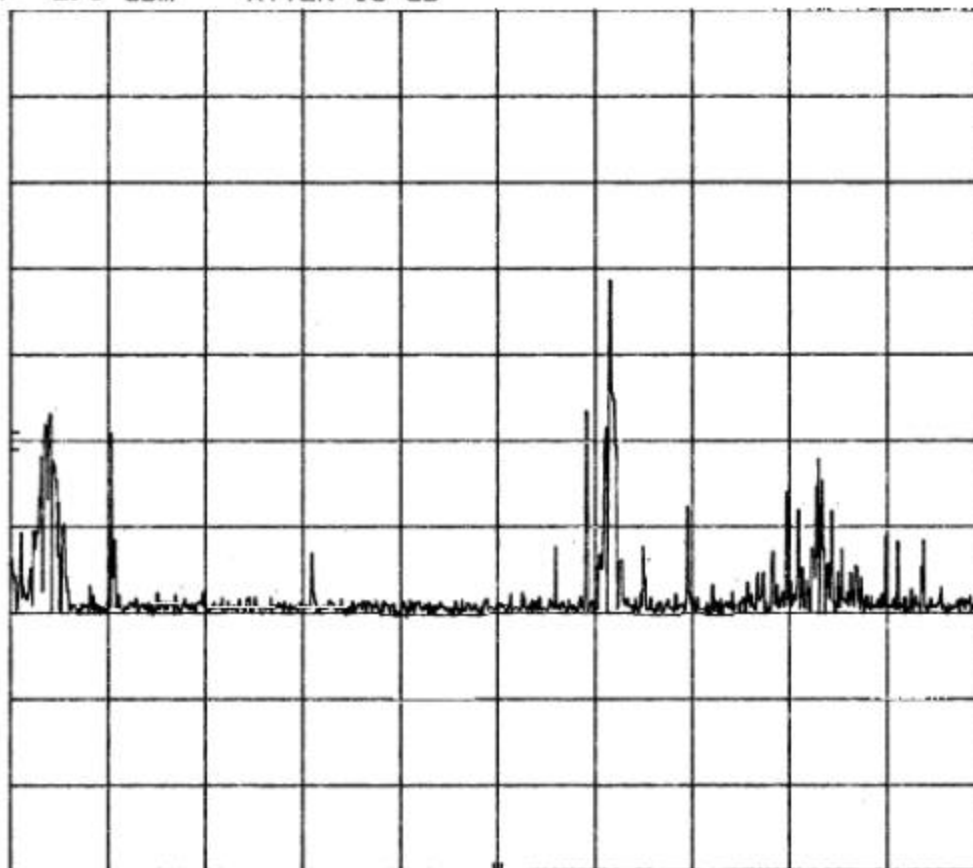
Customer: Symbol Technologies
 Test Sample: PPT4600
 Model No.: PPT4600
 Test Method: FCC 15.247 (e) Antenna Conducted Emissions 30 MHz to 25 GHz
 Notes: Center Frequency Tested: 2.437 GHz



Retif Testing Laboratories
 Report No. R-8392-1

R-8392-1 PPT4600 Antenna C.E. ND 2/4/00
 REF 2.1 dBm ATTN 10 dB

10 dB/
 OFFSET 10.0 dB
 DL -17.9 dBm



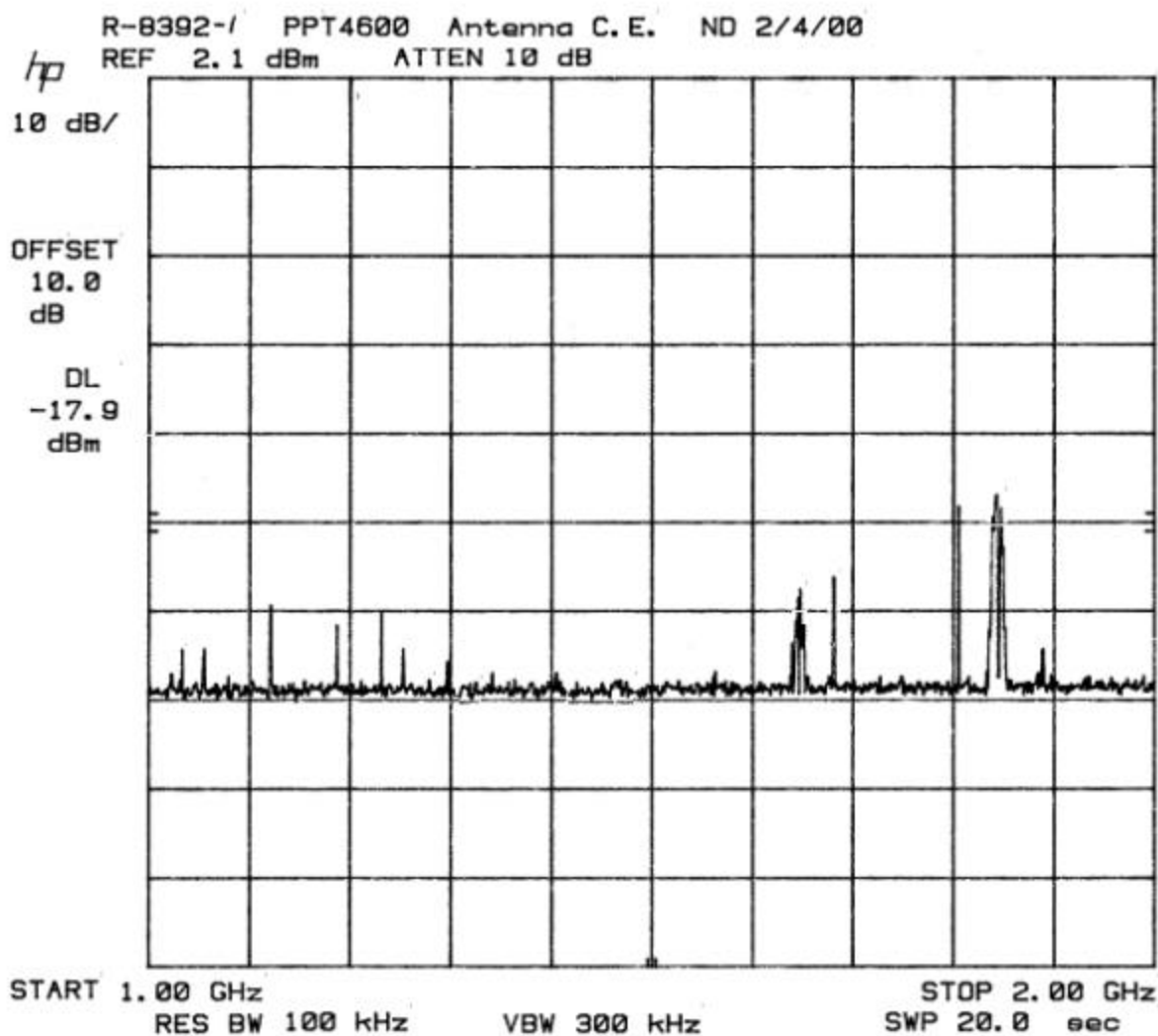
START 30 MHz RES BW 100 kHz VBW 300 kHz STOP 1.000 GHz
 SWP 20.0 sec

Customer: Symbol Technologies
 Test Sample: PPT4600 FCC ID: 110PPT460001HWV
 Model No.: PPT4600 FCC ID: 110PPT460001HWV
 Test Method: FCC 15.247 (c) Antenna Conducted Emissions 30 MHz to 25 GHz
 Notes: Center Frequency Tested: 2.437 GHz

Date: February 4, 2000
 Tech: N. Dargatzis
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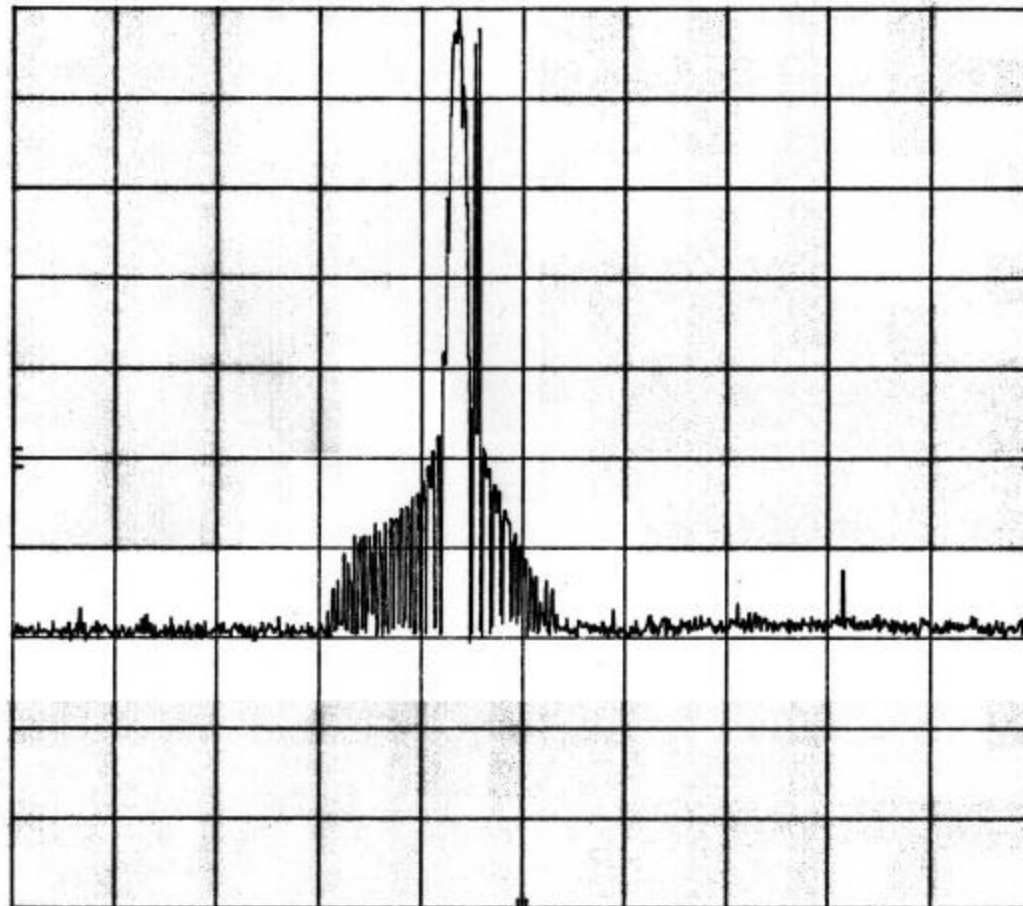


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REF 2.1 dBm ATTEN 10 dB

hp R
10 dB/
OFFSET
10.0
dB
DL
-17.9
dBm



SWP 20.0 sec

Customer:	2.4 GHz Direct Sequence Spread Spectrum Transceiver			
Test Sample:	PP14600 FCC ID: HEPET-460000H1EW9			
Model No.:	FCC 15.247 (e) Antenna Conducted Emissions 30 MHz to 25 GHz			
Test Method:	Carrier Frequency Tested: 2.437 GHz			
Notes:				
Date:	February 4, 2000	Techn:	N. Dragosias	Sheet 18 of 45



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