SENTON

■ EMV-Prüfzentrum ■ EMI/EMC-Testcenter ■

Straubing, September 16, 2002

T E S T - R E P O R T

No. 56305-20559-1

for

PCC-2411-PCE-BAS1

RF-modem for wireless LAN

Applicant:	Agere Systems Nederland B.V.
Purpose of testing:	To show compliance with
	FCC Code of Federal Regulations, Part 15 Subpart C, Section §15.247
	RSS 210 Issue 5 (November 2001), Section 6.2.2(o)

Table of Contents

1. Administrative Data

Equipment Under Test (EUT):	PCC-2411-PCE-BAS1
Serial number(s):	02UTENG00002
Type of equipment:	RF-modem using DSSS technology for wireless connection for e.g. portable and mobile computers which have a PC-card-bus (PCMCIA).
Version:	as delivered
Parts/accessories:	see "Configuration of EUT and Peripheral Devices" on page 7
FCC-ID:	IMRPC2411B

Applicant:	Agere Systems Nederland B.V.
(full address)	Zadelstede 1-10 NL-3431 JZ Nieuwegein The Netherlands
Contract identification:	---
Contact person:	Mr. Wout Kerkhof
Manufacturer:	Agere Systems Nederland B.V.

Receipt of EUT:	September 3, 2002
Date of test:	September 4 to 16, 2002
Note:	---

Responsible for testing:	Rainer Heller
Responsible for test report:	Rainer Heller

2. Identification of Test Laboratory

Test Laboratory: (full address):	Senton GmbH EMI/EMC Test Center Aeussere Fruehlingstrasse 45 D-94315 Straubing Germany	
Contact person:	Mr. Johann Roidt	
Communication:	Telephone Fax eMail:	(+49) 0 94 21 / 55 22-0 (+49) 0 94 21 / 55 22-99 Office@senton.de
FCC registration number:	90926	
Industry Canada file number:	IC 3050	

3. Summary of Test Results

The tested sample complies with the requirements[1] set forth in the Code of Regulations Part 15 Subpart C, section §15.247 (intentional radiators) of the Federal Communication Commission (FCC) and the Radio Standards Specification RSS-210, Issue 5 (November 2001), section 6.2.2(o) of Industry Canada.

Johann Roidt
Technical Manager

Rainer Heller
Test Engineer

[1] Processing gain according to IC RSS-210 sec. 6.2.2(o)(b) is not part of this test report (test performed by applicant)

4. Operation Mode of EUT

All tests were performed using the "Test program for wireless cards V0.33" ("wincert.exe"). According to applicant three different kinds of modulation are used for transmission specified by the appropriate bit rate:

Transmit mode (TX):

Operating frequency [GHz]	Rated output power (conducted) [dBm]			Test performed [2]
	Bit rate 2 Mbps	Bit rate 5.5 Mbps	Bit rate 11 Mbps	
2.412	+15	+15	+15	X
2.417	+15	+15	+15	
2.422	+15	+15	+15	
2.427	+15	+15	+15	
2.432	+15	+15	+15	
2.437	+15	+15	+15	
2.442	+15	+15	+15	X
2.447	+15	+15	+15	
2.452	+15	+15	+15	
2.457	+15	+15	+15	
2.462	+15	+15	+15	X

Receive mode (RX):

Operating frequency [GHz]	Test performed
2.412	
2.417	
2.422	
2.427	
2.432	
2.437	
2.442	X
2.447	
2.452	
2.457	
2.462	

[2] Full testing with bit rate 11 Mbps only

5. Configuration of EUT and Peripheral Devices

RF-modem module PCC-2411-PCE-BAS1 was tested operating with internal antenna and mounted in PC-card slot of notebook Dell Latitude C800 via PC-card extender (RF-modem module completely outside the notebook). This setup was selected to test the EUT as a modular device.

In table 1 used accessories and host equipment are listed (with Agere part numbers).

Item	Model or part no.	Serial no.	Designation	Manufacturer
RF-modem	023573/A	02UTENG00002	PCC-2411-PCE-BAS1	Agere
PC-card extender[3]	---	C050A-9000	PCCextend 50A	Sycard Technology
Notebook	---	8ZFB50J	Latitude C800	Dell
AC adapter	---	CN-09364U-16291-143-006V	AA20031	Dell

Table 1: EUT and accessories

[3] Shielding improved by connecting housing of PC-card to ground layer and connector shield of adapter board

6. Setup of Host

Configuration of cables of host

- Non shielded power line for AC-power supply of notebook, 180 cm

Configuration of host and peripheral devices

- Notebook Dell Latitude C800:
  Serial no.: 8ZFB50J
  with
  AC adapter Dell AA20031:
  Serial no.: CN-09364U-16291-143-006V

7. Measuring Methods

7.1. Minimum 6 dB Bandwidth (CFR47 §15.247.a2)

The minimum 6 dB bandwidth was measured with a spectrum analyzer connected to the antenna connector (conducted measurement) while EUT was operating in transmit mode at the appropriate center frequency.
The spectrum analyzer was set to:
RBW = 100 kHz, VBW = 100 kHz, span = 50 MHz, sweep = 20 ms
See figure 1 for the measurement setup.

Test equipment used (see equipment list for details):
02, 57, 68

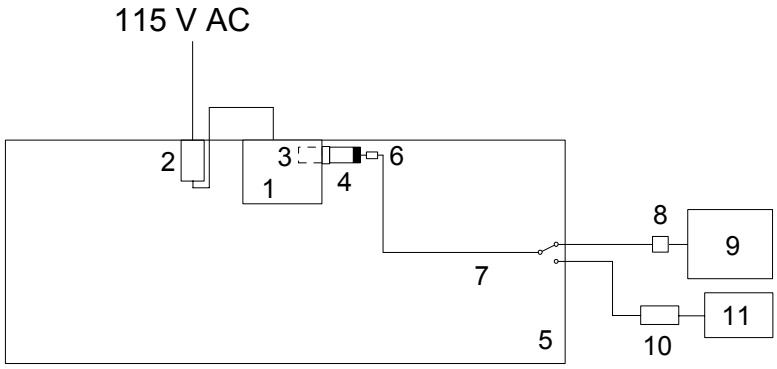


Figure 1: Measurement setup for testing on antenna connector

1 Notebook (host)
2 AC adapter for notebook
3 PC-card extender
4 RF-modem
5 Wooden table
6 DC-block
7 Test cable
8 Attenuator (if applicable)
9 Spectrum analyzer
10 Power sensor
11 Power meter

7.2. Maximum Peak Output Power (CFR47 §15.247.b / IC RSS-210 sec. 6.2.2(o)(b))

The maximum peak output power was measured with a power meter. The appropriate sensors (a thermocouple sensor indicating the RMS power and a peak sensor indicating the peak envelope power PEP) were connected to the antenna connector (conducted measurement) while EUT was operating in transmit mode at the appropriate center frequency.
A spectrum analyzer (set to RBW = 100 kHz, VBW = 100 kHz, span = 100 MHz, sweep = 40 ms) was used to record the shape of the transmit signal.
See figure 1 for the measurement setup.

Test equipment used (see equipment list for details):
02, 08, 09, 19, 57, 68, 70

7.3. Peak Power Density (CFR47 §15.247.d / IC RSS-210 sec. 6.2.2(o)(b))

The peak power density was measured with a spectrum analyzer connected to the antenna connector (conducted measurement) while EUT was operating in transmit mode at the appropriate center frequency.
The spectrum analyzer was set to max hold with
RBW = 3 kHz, VBW = 100 kHz, span = 300 kHz, sweep = 100 s
See figure 1 for the measurement setup.

Test equipment used (see equipment list for details):
02, 57, 68

7.4. Conducted Emission 0.15 MHz - 30 MHz (CFR47 §15.207 / IC RSS-210 sec. 6.6, 7.4)

Conducted emissions were measured in the frequency range 0.15 MHz to 30 MHz with bandwidth of the EMI-Receiver set to 10 kHz and according to the following procedure: First the whole spectrum of emission caused by equipment under test (EUT) was recorded with detector set to peak. After that all peak levels having less margin than 10 dB to the appropriate lower average limit were re-tested with detector set to quasi-peak. If average limit is kept no additional scan with average detector is necessary. In cases of emission levels between quasi-peak and average limit an additional scan with detector set to average has to be recorded.

Measurements were performed on phase(s) and neutral lines of the power-cords of the tested system. At the final test the cables and equipment were placed and moved within the range of positions likely to find their maximum emissions.
The test setup was made in accordance with ANSI C63.4-1992.

. The bandwidth of the EMI-Receiver was set to 9 kHz with detector-function set to CISPR quasi-peak and, if necessary, additionally to average.

See figure 2 for the measurement setup.

Test equipment used (see equipment list for details):
04, 22, 23, 60, 63

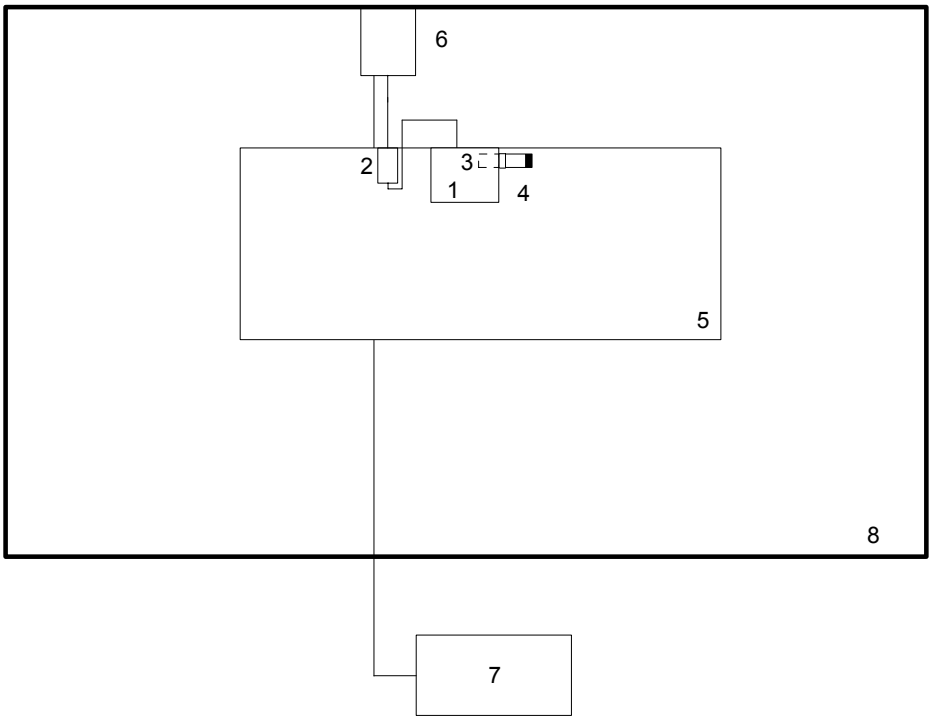


Figure 2: Measurement setup for conducted emission test

1 Notebook (host)
2 AC adapter for notebook
3 PC-card extender
4 RF-modem
5 Wooden table
6 LISN for EUT
7 Test receiver
8 Shielded room

7.5. Radiated Emission 30 MHz - 1 GHz (CFR47 §15.209, §15.247.c, §15.205.a,b / IC RSS-210 sec. 6.2.2(o)(e1), 6.3, 7.3)

Radiated emissions were measured over the frequency range from 30 MHz to 1 GHz. The bandwidth of the EMI-receiver was set to 120 kHz and the detector-function was set to CISPR quasi-peak.
The test setup was made in accordance with ANSI C63.4-1992. Measurements were made in both the horizontal and vertical planes of polarization. Preliminary scans were taken in a semi-anechoic room using a spectrum analyzer with the detector function set to peak. All tests were performed at a test-distance of 3 meters. For final testing an open-area test-site was used. During the tests the EUT was rotated all around and the receiving-antenna was raised and lowered from 1 meter to 4 meters to find the maximum levels of emissions. The cables and equipment were placed and moved within the range of position likely to find their maximum emissions.
See figure 3 for the measurement setup.

Test equipment used (see equipment list for details):
01, 06, 12, 38, 39, 40, 41, 58, 61, 64, 66

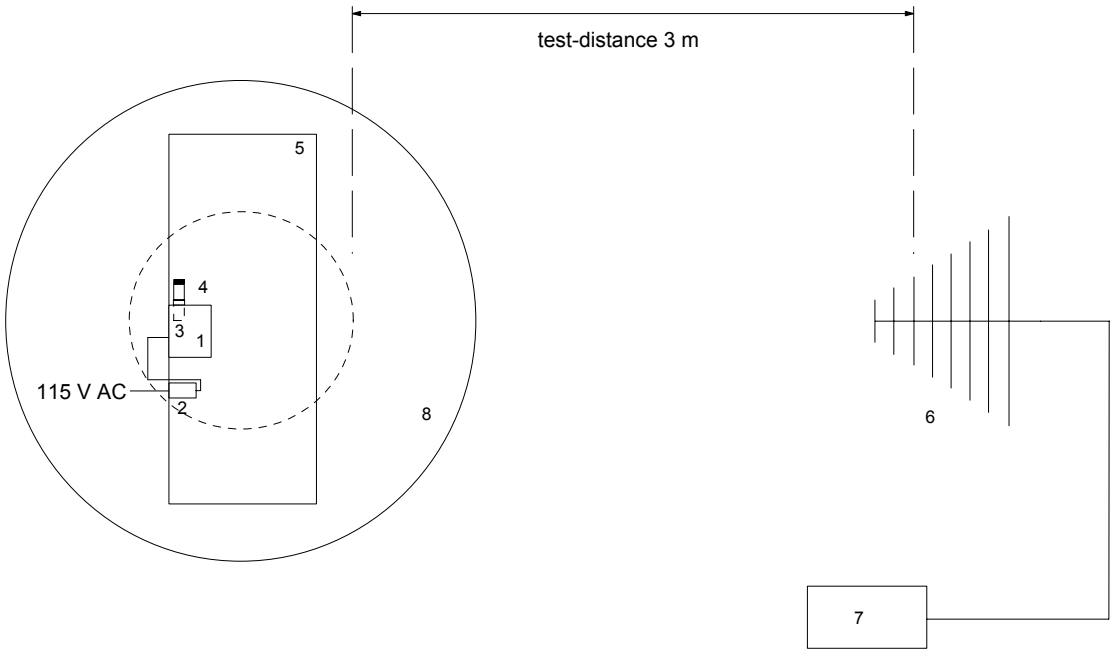


Figure 3: Measurement setup for radiated emission test below 1 GHz

1 Notebook (host)
2 AC adapter for notebook
3 PC-card extender
4 RF-modem
5 Wooden table
6 Measurement antenna
7 Test receiver
8 Turn table

7.6. Radiated Emission 1 GHz - 25 GHz (CFR47 §15.209, §15.247.c, §15.205.a,b / IC RSS-210 sec. 6.2.2(o)(e1), 6.3, 7.3)

Radiated emissions were measured in the frequency range 1 GHz to 25 GHz in transmit mode and 1 GHz to 12.5 GHz in receive mode. The resolution bandwidth of the spectrum analyzer was set to 1 MHz. Scans for the whole frequency range were taken with video bandwidth set to 1 MHz to check out the highest peak levels. In case of less margin to average limit additional prescans were made with video bandwidth reduced from 1 MHz to 100 kHz, 30 kHz or 10 kHz. Final measurements were performed at the critical frequencies with video bandwidth of the spectrum analyzer set to 1 kHz (average mode). EUT was rotated all around and receiving antenna was raised and lowered to find the maximum levels of emission. Cables and equipment were placed and moved within the range of position likely to find their maximum emissions.
All tests were performed in a semi-anechoic chamber with a test-distance of 3 meters (except for the frequency range 18 GHz - 25 GHz where test distance was reduced to 0.5 meter).
To avoid overload in transmit mode no preamplifier was used between 1 GHz and 3.95 GHz. Above 3.95 GHz tests were performed with appropriate preamplifiers (attenuation of operating frequency by horn antenna is sufficient to avoid overload of preamplifier).
For receive mode appropriate preamplifiers were used for the whole frequency range.

See figure 4 for the measurement setup.

Test equipment used (see equipment list for details):
02, 13, 14, 16, ,42, 43, 44, 45, 46, 47, 48, 49, 57, 64

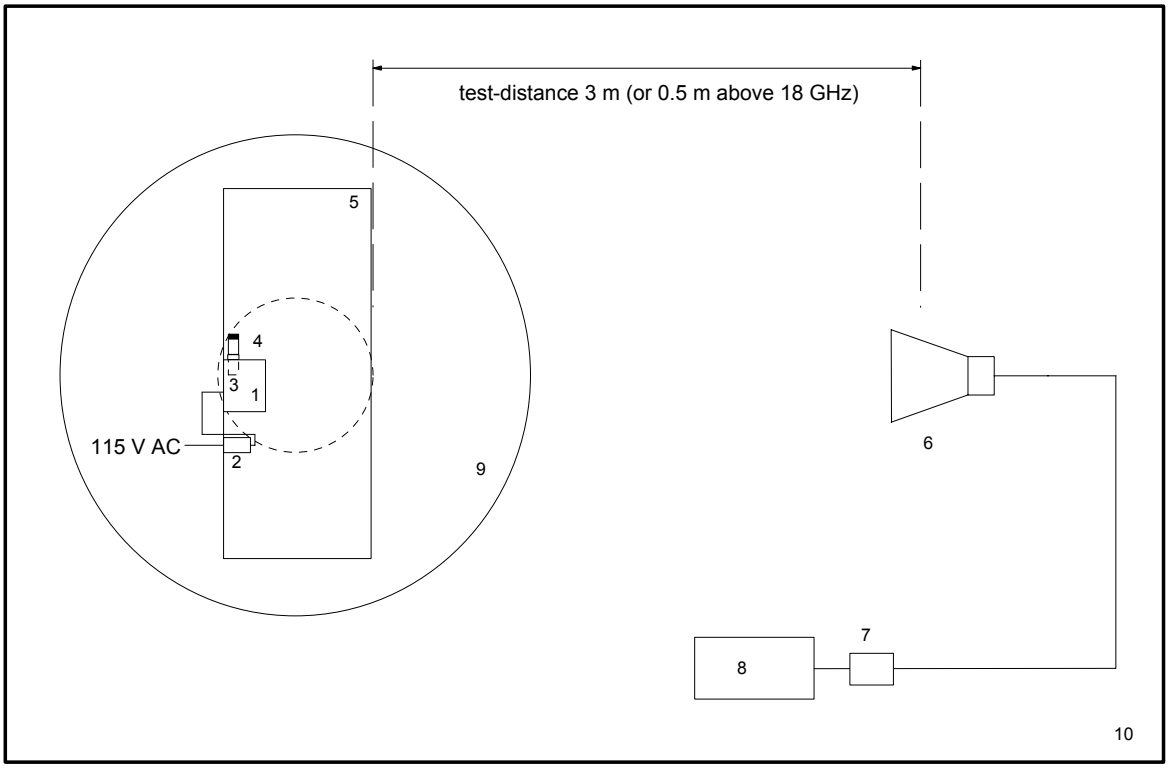


Figure 4: Measurement setup for radiated emission test above 1 GHz

1 Notebook (host)
2 AC adapter for notebook
3 PC-card extender
4 RF-modem
5 Wooden table
6 Measurement antenna
7 Preamplifier (if applicable)
8 Spectrum analyzer
9 Turn table
10 Semi-anechoic room

8. Equipment List

To facilitate reference to test equipment used for related tests, each item of test equipment and ancillaries such as cables are identified (numbered) by the Test Laboratory.

No.	Type	Model	Serial Number	Manufacturer
01	Spectrum Analyzer	R 3271	05050023	Advantest
02	EMI Test Receiver	ESMI	839379/013 839587/006	Rohde & Schwarz
03	Test Receiver	ESH 3	880112/032	Rohde & Schwarz
04	Test Receiver	ESHS 10	860043/016	Rohde & Schwarz
05	Test Receiver	ESV	881414/009	Rohde & Schwarz
06	Test Receiver	ESVP	881120/024	Rohde & Schwarz
07	Audio Analyzer	UPA	862954	Rohde & Schwarz
08	Power Meter	NRVS	836856/015	Rohde & Schwarz
09	Power Sensor	NRV-Z52	837901/030	Rohde & Schwarz
10	Power Sensor	NRV-Z4	863828/015	Rohde & Schwarz
11	Preamplifier	ESV-Z3	860907/004	Rohde & Schwarz
12	Preamplifier	R14601		Advantest
13	Preamplifier	ACX/080-3030	32640	CTT
14	Preamplifier	ACO/180-3530	32641	CTT
15	Signal Generator	SMS	872166/039	Rohde & Schwarz
16	Signal Generator	HP 8673 D	2930A00966	Hewlett Packard
17	Waveform Generator	HP 33120 A	US34005375	Hewlett Packard
18	Attenuator 20 dB	4776-20	9503	Narda
19	Attenuator 10 dB	4776-10	9412	Narda
20	Pulse Limiter	ESH 3-Z2	1144	Rohde & Schwarz
21	Pulse Limiter	11947 A	3107A00566	Hewlett Packard
22	V-Network	ESH 3-Z5	862770/018	Rohde & Schwarz
23	V-Network	ESH 3-Z5	894785/005	Rohde & Schwarz
24	V-Network	ESH 3-Z5	830952/025	Rohde & Schwarz
25	V-Network	ESH 3-Z6	830722/010	Rohde & Schwarz
26	V-Network	NSLK 8127	8127152	Schwarzbeck
27	V-Network	NNLA 8119	8119148	Schwarzbeck
28	V-Network	SE 01	01	Senton
29	T-Network	ESH 3-Z4	890602/011	Rohde & Schwarz
30	T-Network	ESH 3-Z4	890602/012	Rohde & Schwarz
31	High Impedance Probe	TK 9416	01	Schwarzbeck
32	High Impedance Probe	TK 9416	02	Schwarzbeck
33	Current Probe	ESH 2-Z1	863366/18	Rohde & Schwarz
34	Current Probe	ESV-Z1	862553/3	Rohde & Schwarz

No.	Type	Model	Serial Number	Manufacturer
35	Absorbing Clamp	MDS 21	80911	Lüthi
36	Absorbing Clamp	MDS 21	79690	Lüthi
37	Loop Antenna	HFH2-Z2	882964/1	Rohde & Schwarz
38	Biconical Antenna	HK 116	842204/001	Rohde & Schwarz
39	Biconical Antenna	HK 116	836239/02	Rohde & Schwarz
40	Log. Periodic Antenna	HL 223	841516/023	Rohde & Schwarz
41	Log. Periodic Antenna	HL 223	834408/12	Rohde & Schwarz
42	Horn Antenna	3115	9508-4553	Emco
43	Horn Antenna	3160-03	9112-1003	Emco
44	Horn Antenna	3160-04	9112-1001	Emco
45	Horn Antenna	3160-05	9112-1001	Emco
46	Horn Antenna	3160-06	9112-1001	Emco
47	Horn Antenna	3160-07	9112-1008	Emco
48	Horn Antenna	3160-08	9112-1002	Emco
49	Horn Antenna	3160-09	9403-1025	Emco
50	Digital multimeter	199	463386	Keithley
51	DC Power Supply	NGSM 32/10	203	Rohde & Schwarz
52	DC Power Supply	NGB	2455	Rohde & Schwarz
53	DC Power Supply	NGA	386	Rohde & Schwarz
54	Temperature Test Chamber	HT4010	07065550	Heraeus
55	Cable	RG214	1309	Senton
56	Cable	200CM_001	1357	Rosenberger
57	Cable	150CM_001	1479	Rosenberger
58	Cable Set EG1	RG214	1189 - 1191	Senton
59	Cable Set Cabine 1	RG214		Senton
60	Cable Set Cabine 2	RG214		Senton
61	Cable Set Cabine 3	RG214		Senton
62	Shielded Room	No. 1	1451	Senton
63	Shielded Room	No. 2	1452	Senton
64	Semi-anechoic Chamber	No. 3	1453	Siemens
65	Shielded Room	No. 4	1454	Euroshield
66	Open Area Test Site	EG 1		Senton
67	Cable for Antenna Connector			Agere
68	DC Block 0.01-18GHz		8037	Inmet Corp.
69	High pass filter			Agere
70	Power Sensor	NRV-Z31	836299/012	Rohde & Schwarz

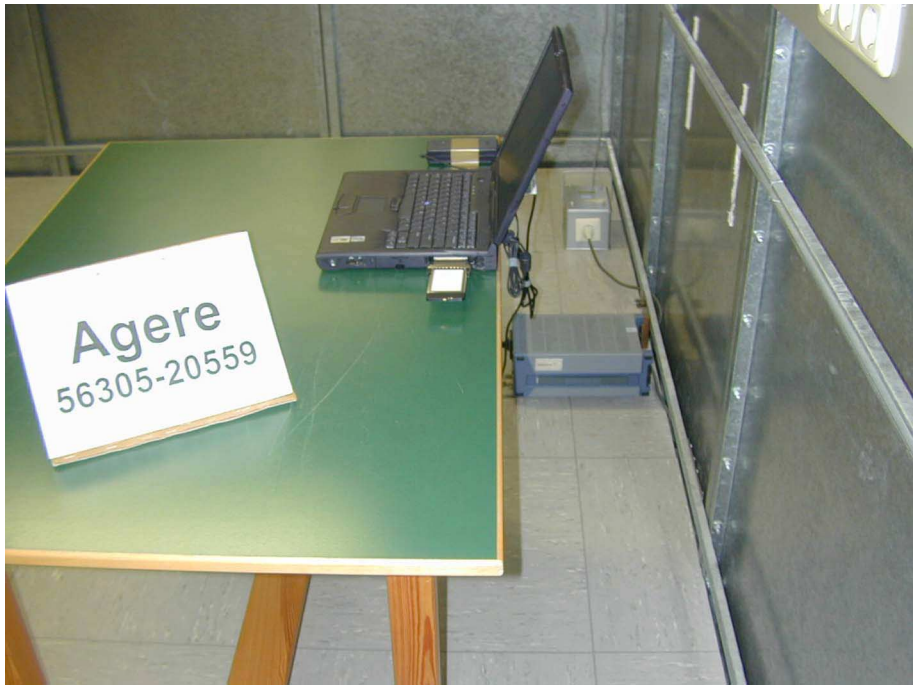
9. Photographs Taken During Testing

Photo No. 9.1

Test setup for conducted emission test 150 kHz - 30 MHz

Photos No. 9.2 - 9.3

Test setup for conducted emission test 150 kHz - 30 MHz
- continued -



Photos No. 9.4 - 9.5

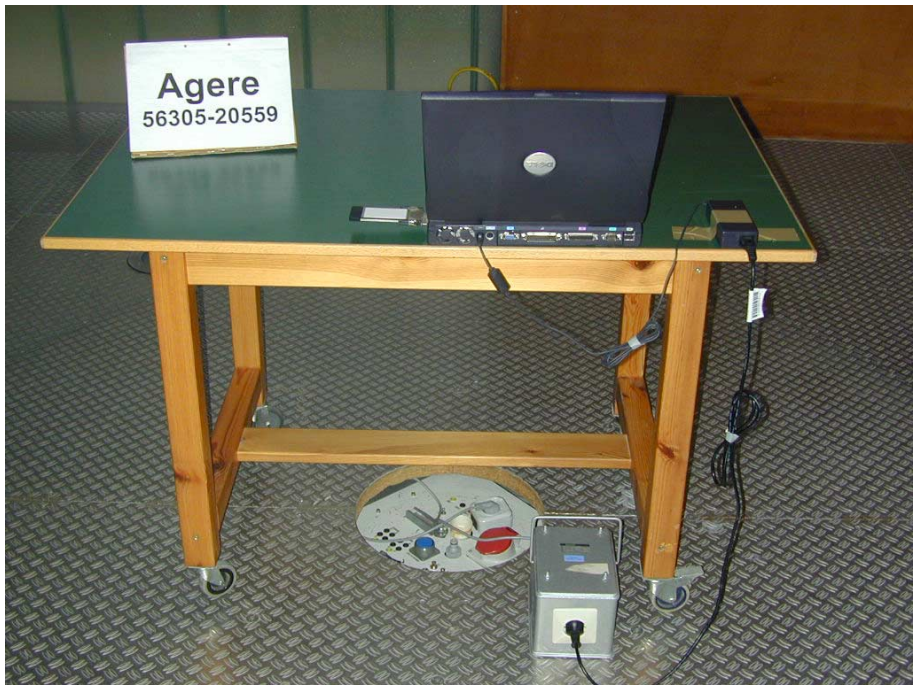
Test setup for radiated emission pre-test 30 MHz - 1 GHz (semi anechoic room)

Photos No. 9.6 - 9.7

Test setup for radiated emission pre-test 30 MHz - 1 GHz (semi anechoic room) - continued -

Photos No. 9.8 - 9.9

Test setup for radiated emission final test 30 MHz - 1 GHz (open area test site)

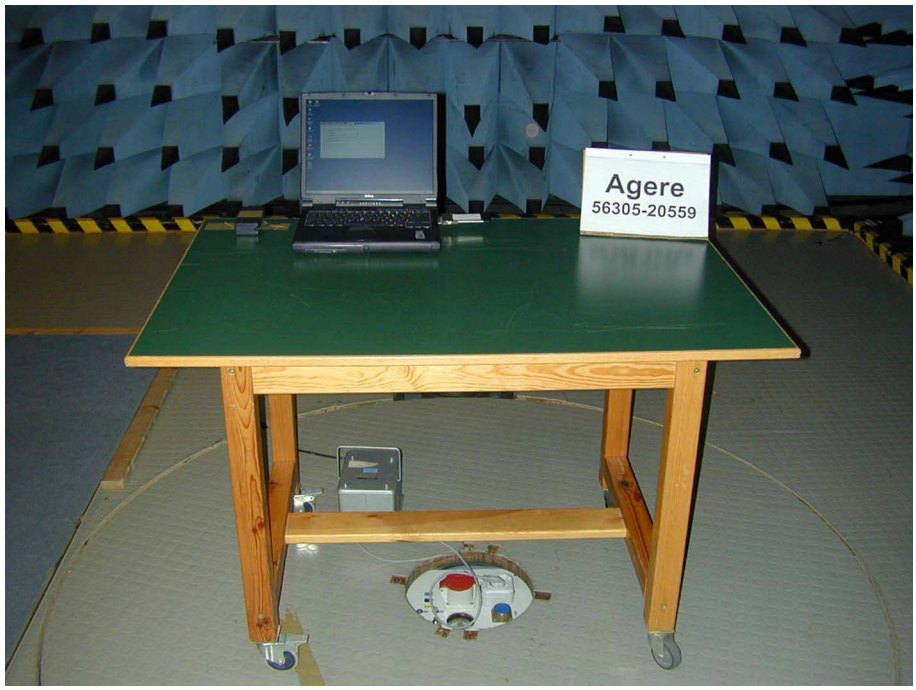


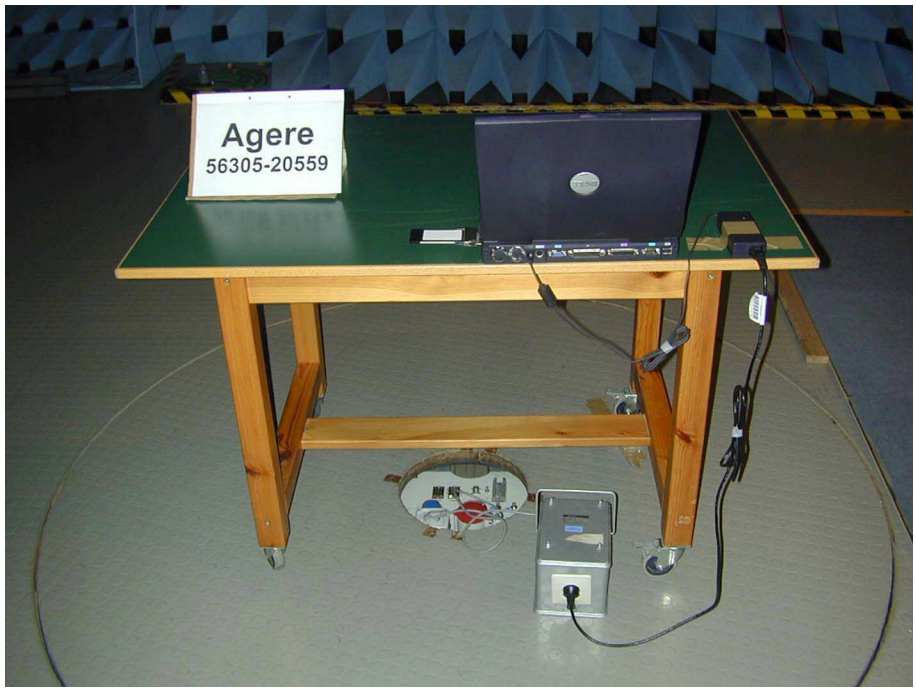
Photos No. 9.10 - 9.11

Test setup for radiated emission final test 30 MHz - 1 GHz (open area test site) - continued -

Photos No. 9.12 - 9.13

Test setup for radiated emission test above 1 GHz (semi anechoic room)





Photos No. 9.14 - 9.15

Test setup for radiated emission test above 1 GHz (semi anechoic room) - continued -

10. Referenced Regulations

All tests were performed with reference to the

Code of Regulations Part 15 (edition May 30, 2002), Subpart C, section §15.247 (intentional radiators) of the Federal Communication Commission (FCC)

and the

Radio Standards Specification RSS-210, Issue 5 (November 2001) of Industry Canada.

11. List of Measurements

Notes

Note 1: Maximum peak output power was measured while either using bit rate 2, 5.5 or 11 Mbps. Radiated emission tests in transmit mode were performed with bit rate set to 11 Mbps only.
However, special care was taken to observe the different results of TX fundamental and (even) harmonics when selecting 11 (or 5.5) Mbps on the one hand, and 2 Mbps on the other hand. Therefore additional emission tests at band edges and TX harmonics were performed with 2 Mbps. Only critical harmonics observed with 11 Mbps (i.e. with less than 10 dB margin of peak levels to average limit) were re-tested with bit rate set to 2 Mbps.

11.1. List of Measurements according to FCC Part 15 Subpart C

FCC Part 15 Subpart C			
Section(s):	**Test**	**Page**	**Result**
	Transmit mode (TX):	34	
§15.247.a2	Minimum 6 dB bandwidth	35	passed
§15.247.b	Maximum peak output power	44	passed
§15.247.d	Peak power density	55	passed
§15.247.c	Frequency range (conducted)	76	for information only
	Processing gain	---	not applicable
§15.207	Conducted emission test 150 kHz - 30 MHz	80	not applicable
§15.247.c **§15.209** **§15.205.a,b**	Radiated emission test 9 kHz - 30 MHz	---	not applicable (acc. to §15.33)
§15.247.c **§15.209** **§15.205.a,b**	Radiated emission test 30 MHz - 1 GHz	92	passed
§15.247.c **§15.209** **§15.205.a,b**	Radiated emission test 1 GHz - 25 GHz	116	passed
	Receive mode (RX):	168	
§15.207	Conducted emission test 150 kHz - 30 MHz	169	passed
§15.209	Radiated emission test 9 kHz - 30 MHz	---	not applicable (acc. to §15.33)
§15.209	Radiated emission test 30 MHz - 1 GHz	173	passed
§15.209	Radiated emission test 1 GHz - 12.5 GHz	181	passed

11.2. List of Measurements according to IC RSS-210

IC RSS-210 Issue 5			
Section(s):	**Test**	**Page**	**Result**
	Transmit mode (TX):	34	
	Minimum 6 dB bandwidth	---	not applicable
6.2.2(o)(b)	Transmitter output power	44	passed
6.2.2(o)(b)	Transmitter power spectral density	55	passed
6.2.2(o)(e1)	Frequency range (conducted)	76	for information only
6.2.2(o)(b)	Processing gain	---	performed by applicant
6.6	Transmitter AC wireline conducted emissions 450 kHz - 30 MHz	80	passed
6.2.2(o)(e1), 6.3	Out of band emissions 9 kHz - 30 MHz	---	not applicable
6.2.2(o)(e1), 6.3	Out of band emissions t 30 MHz - 1 GHz	92	passed
6.2.2(o)(e1), 6.3	Out of band emissions 1 GHz - 25 GHz	116	passed
	Receive mode (RX):	168	
7.4	Receiver AC wireline conducted emissions 450 kHz - 30 MHz	169	passed
7.3	Receiver spurious emissions (radiated) 9 kHz - 30 MHz	---	not applicable
7.3	Receiver spurious emissions (radiated) 30 MHz - 1 GHz	173	passed
7.3	Receiver spurious emissions (radiated) 1 GHz - 12.5 GHz	181	passed

12. Test Results

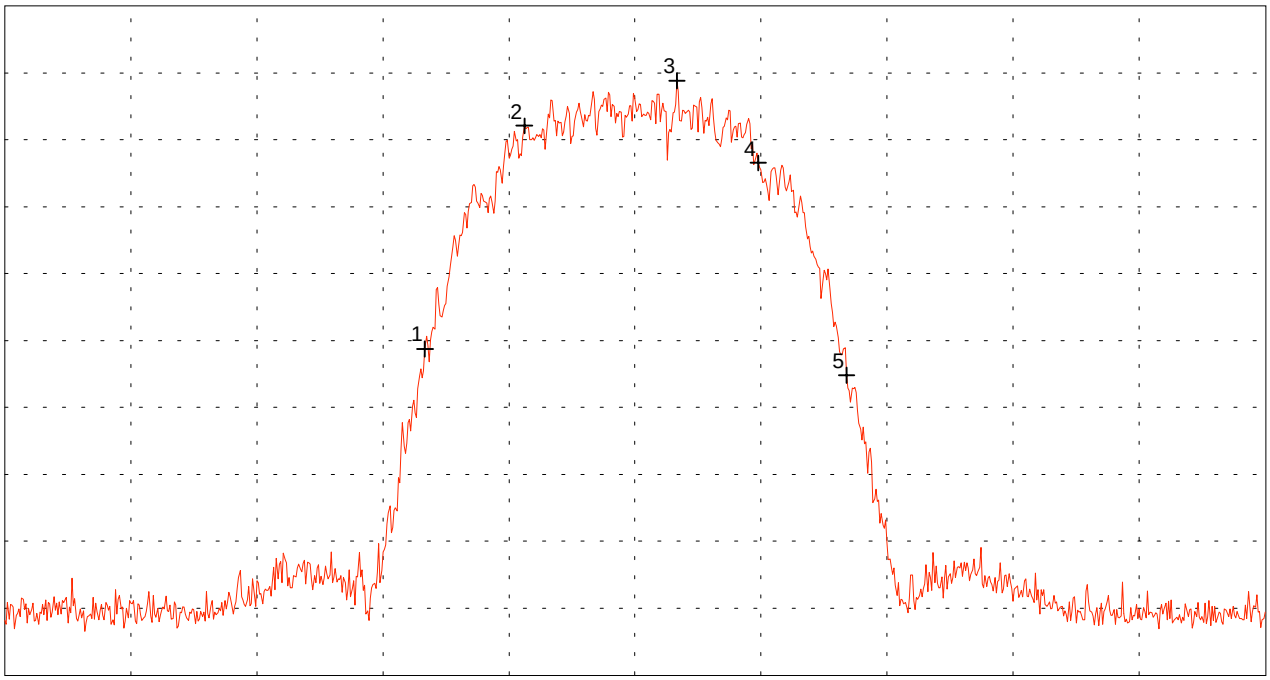
Test results for

Transmit (TX) mode

Minimum bandwidth (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Delta f (-6 dB points) = 9.27 MHz Result: Test passed Note: -20 dB points for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 10 dBm ATT 55 dB Ref. Offset .9 dB
5 dB/Div.



Start 2.387 GHz Stop 2.437 GHz
RBW 100 kHz VBW 100 kHz SWP 20 ms

Multi Marker List

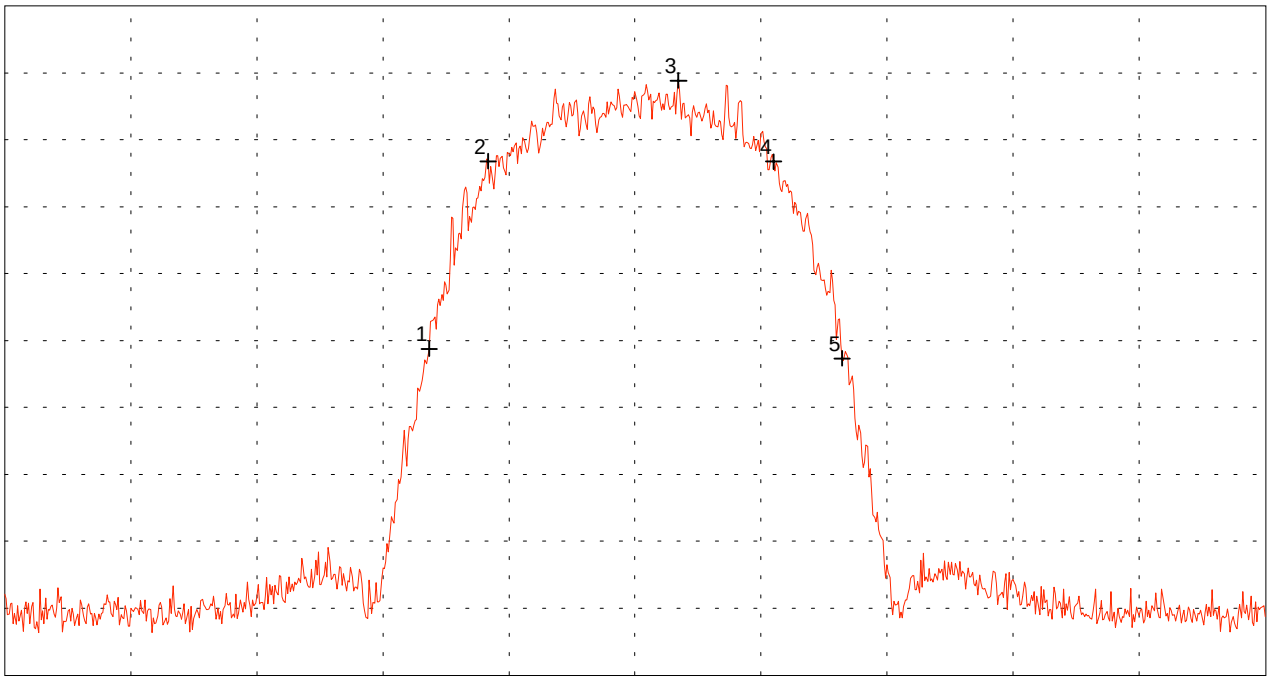
No. 1	2.403667 GHz	-15.64 dBm
No. 2	2.407611 GHz	1.05 dBm
No. 3	2.413667 GHz	4.41 dBm
No. 4	2.416889 GHz	-1.73 dBm
No. 5	2.420389 GHz	-17.60 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 35 of 183 Pages

Minimum bandwidth (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Delta f (-6 dB points) = 11.33 MHz Result: Test passed Note: -20 dB points for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 10 dBm ATT 55 dB Ref. Offset .9 dB
5 dB/Div.



Start 2.387 GHz Stop 2.437 GHz
RBW 100 kHz VBW 100 kHz SWP 20 ms

Multi Marker List

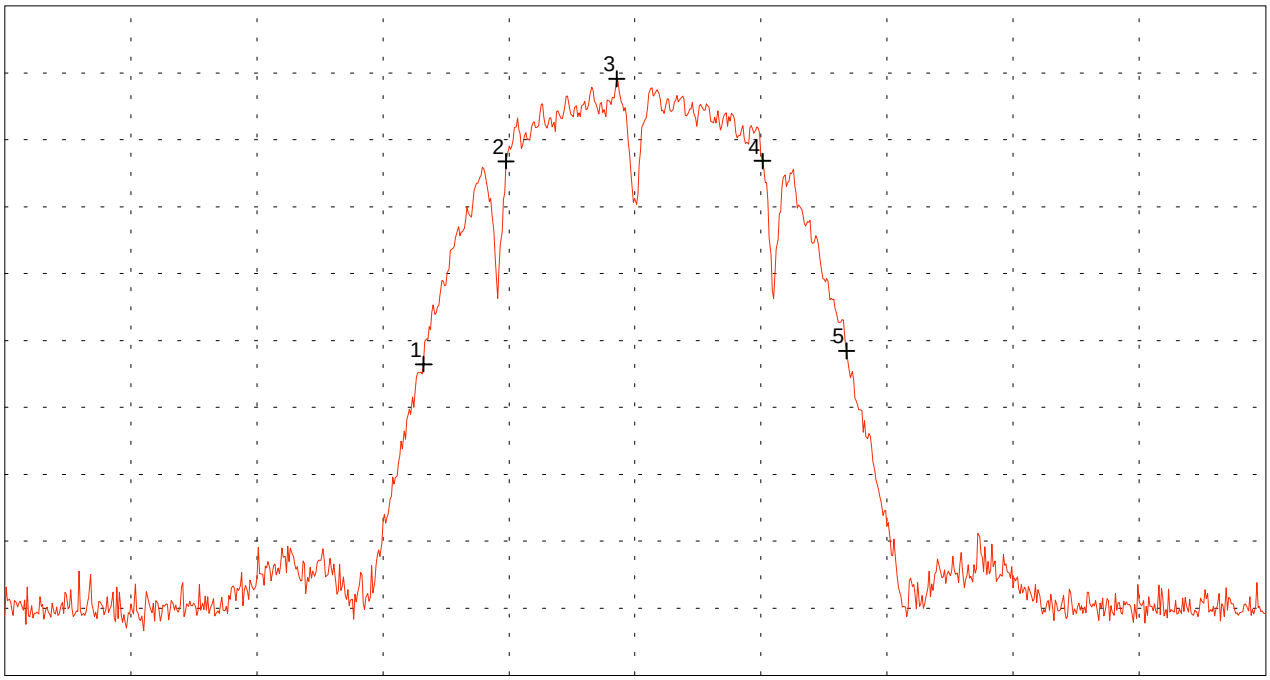
No. 1	2.403833 GHz	-15.63 dBm
No. 2	2.406167 GHz	-1.60 dBm
No. 3	2.413722 GHz	4.42 dBm
No. 4	2.417500 GHz	-1.63 dBm
No. 5	2.420222 GHz	-16.33 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 36 of 183 Pages

Minimum bandwidth (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Delta f (-6 dB points) = 10.16 MHz Result: Test passed Note: -20 dB points for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 10 dBm ATT 55 dB Ref. Offset .9 dB
5 dB/Div.



Start 2.387 GHz Stop 2.437 GHz
RBW 100 kHz VBW 100 kHz SWP 20 ms

Multi Marker List

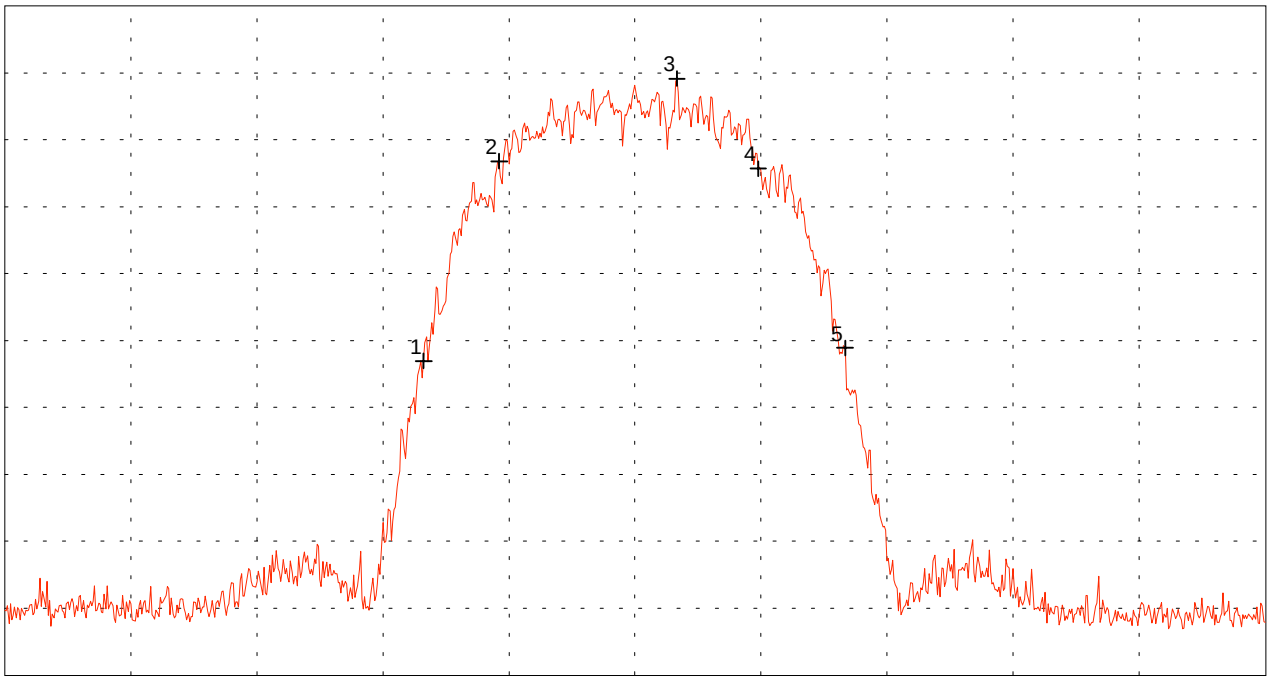
No. 1	2.403611 GHz	-16.77 dBm
No. 2	2.406889 GHz	-1.60 dBm
No. 3	2.411278 GHz	4.55 dBm
No. 4	2.417056 GHz	-1.59 dBm
No. 5	2.420389 GHz	-15.78 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 37 of 183 Pages

Minimum bandwidth (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Delta f (-6 dB points) = 10.27 MHz Result: Test passed Note: -20 dB points for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 10 dBm ATT 55 dB Ref. Offset .9 dB
5 dB/Div.



Start 2.417 GHz Stop 2.467 GHz
RBW 100 kHz VBW 100 kHz SWP 20 ms

Multi Marker List

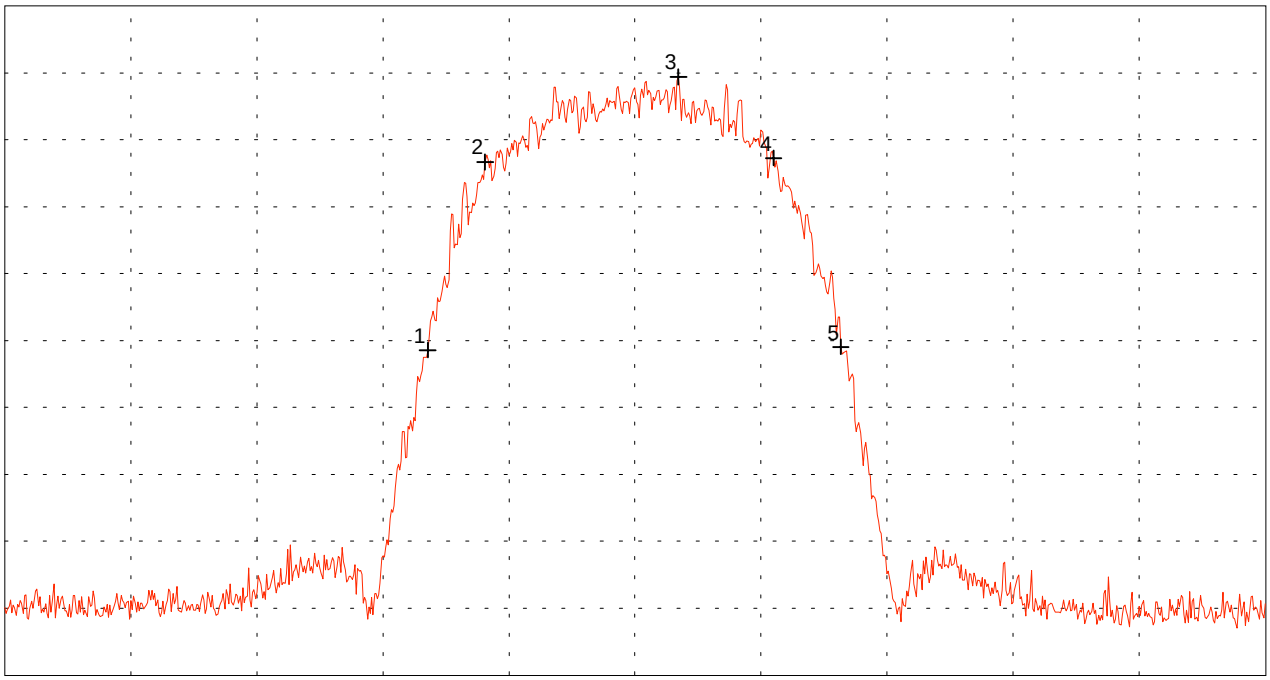
No. 1	2.433611 GHz	-16.53 dBm
No. 2	2.436611 GHz	-1.60 dBm
No. 3	2.443667 GHz	4.57 dBm
No. 4	2.446889 GHz	-2.15 dBm
No. 5	2.450333 GHz	-15.57 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Minimum bandwidth (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Delta f (-6 dB points) = 11.44 MHz Result: Test passed Note: -20 dB points for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 10 dBm ATT 55 dB Ref. Offset .9 dB
5 dB/Div.



Start 2.417 GHz Stop 2.467 GHz
RBW 100 kHz VBW 100 kHz SWP 20 ms

Multi Marker List

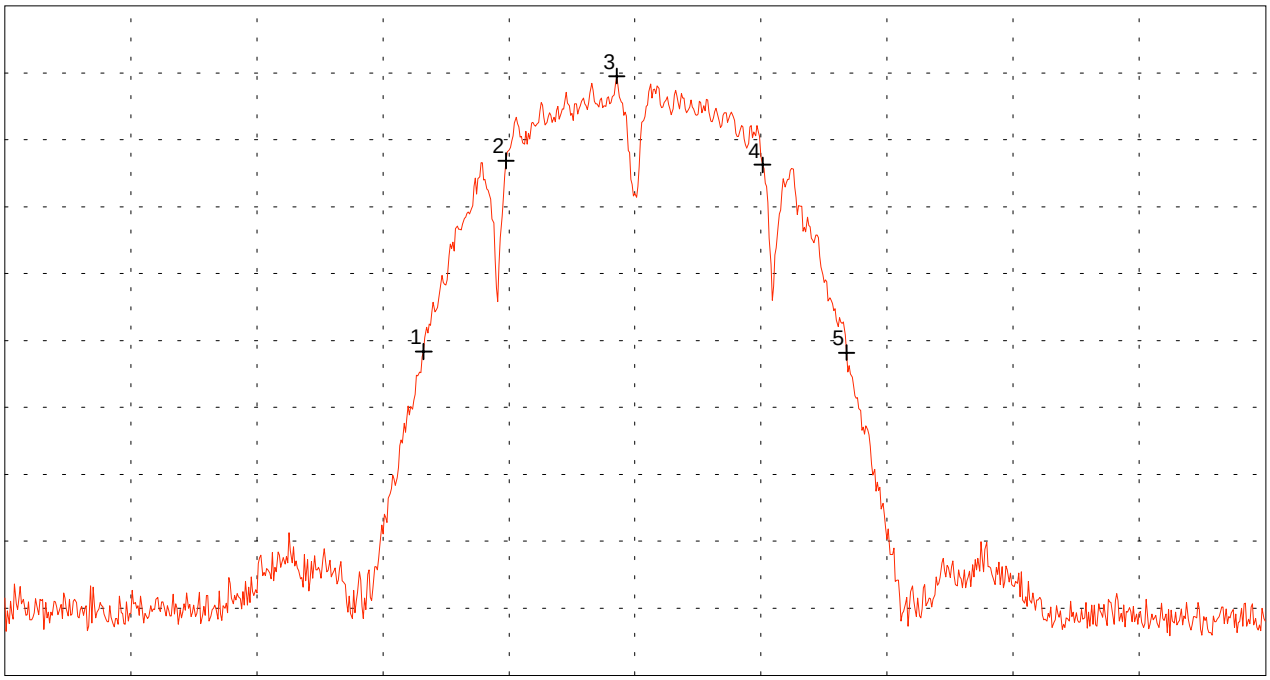
No. 1	2.433778 GHz	-15.73 dBm
No. 2	2.436056 GHz	-1.66 dBm
No. 3	2.443722 GHz	4.70 dBm
No. 4	2.447500 GHz	-1.37 dBm
No. 5	2.450167 GHz	-15.49 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 39 of 183 Pages

Minimum bandwidth (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Delta f (-6 dB points) = 10.16 MHz Result: Test passed Note: -20 dB points for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 10 dBm ATT 55 dB Ref. Offset .9 dB
5 dB/Div.



Start 2.417 GHz Stop 2.467 GHz
RBW 100 kHz VBW 100 kHz SWP 20 ms

Multi Marker List

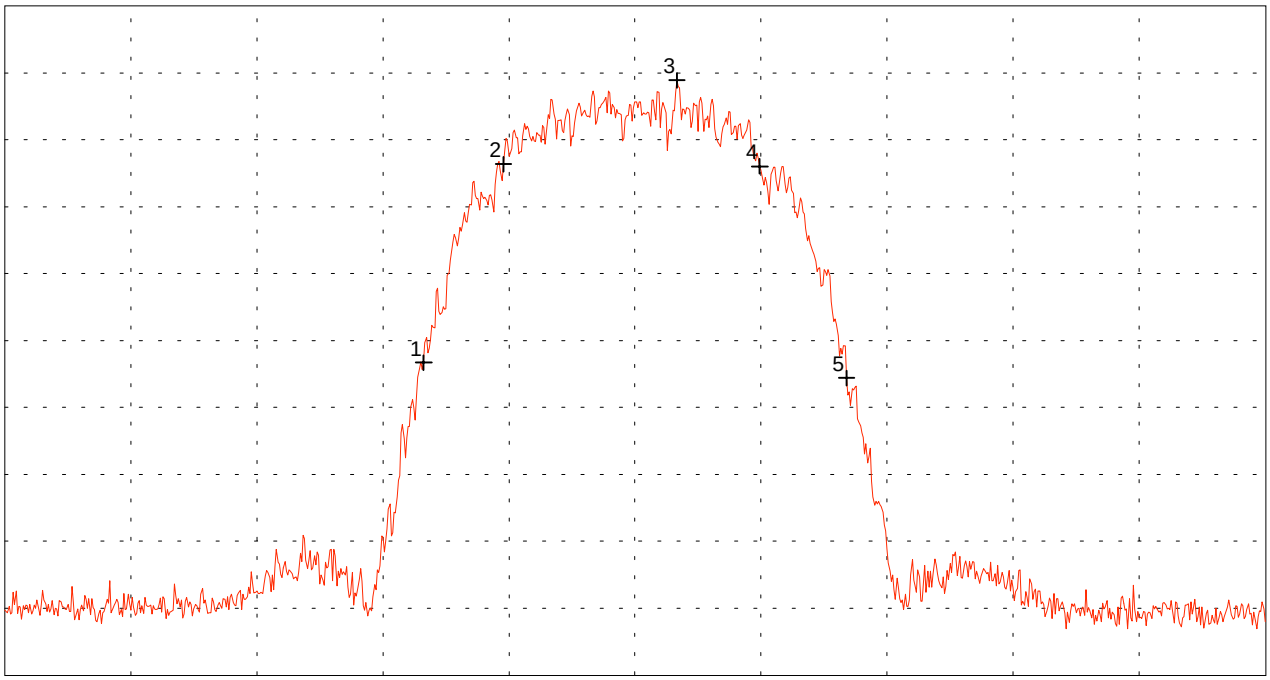
No. 1	2.433611 GHz	-15.83 dBm
No. 2	2.436889 GHz	-1.57 dBm
No. 3	2.441278 GHz	4.76 dBm
No. 4	2.447056 GHz	-1.88 dBm
No. 5	2.450389 GHz	-15.91 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Minimum bandwidth (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Delta f (-6 dB points) = 10.16 MHz Result: Test passed Note: -20 dB points for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 10 dBm ATT 55 dB Ref. Offset .9 dB
5 dB/Div.



Start 2.437 GHz Stop 2.487 GHz
RBW 100 kHz VBW 100 kHz SWP 20 ms

Multi Marker List

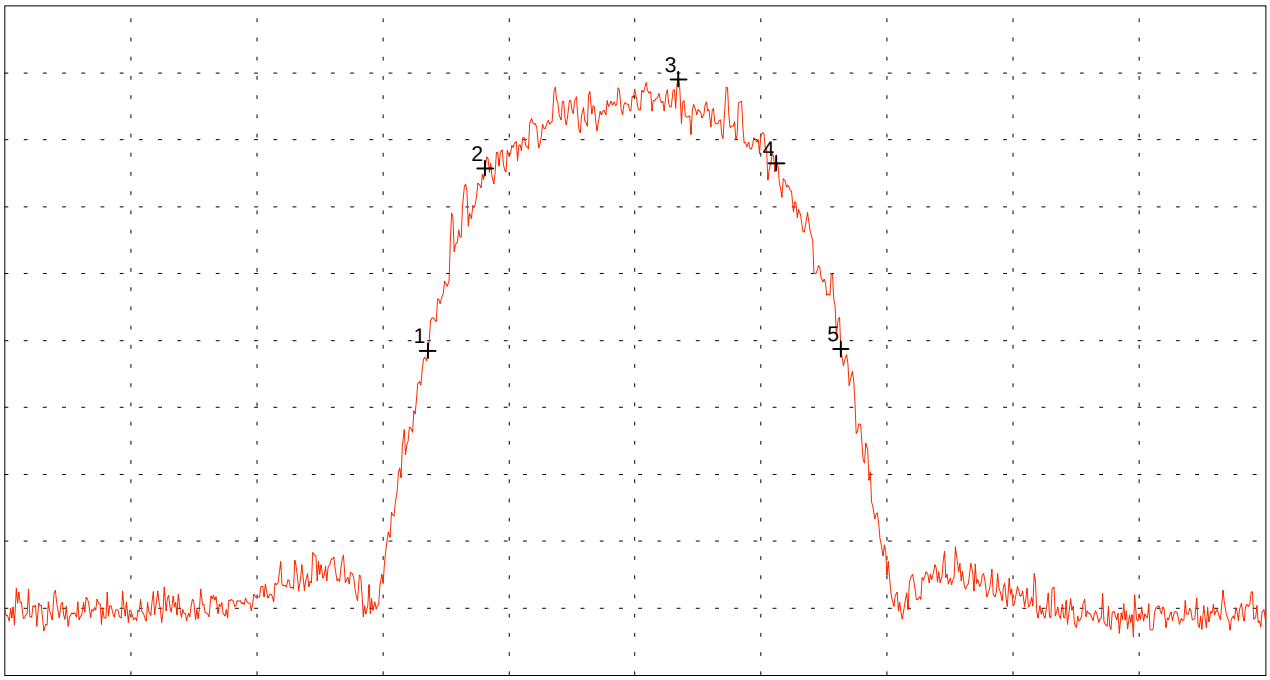
No. 1	2.453611 GHz	-16.66 dBm
No. 2	2.456778 GHz	-1.82 dBm
No. 3	2.463667 GHz	4.44 dBm
No. 4	2.466944 GHz	-1.99 dBm
No. 5	2.470389 GHz	-17.81 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 41 of 183 Pages

Minimum bandwidth (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Delta f (-6 dB points) = 11.55 MHz Result: Test passed Note: -20 dB points for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 10 dBm ATT 55 dB Ref. Offset .9 dB
5 dB/Div.



Start 2.437 GHz Stop 2.487 GHz
RBW 100 kHz VBW 100 kHz SWP 20 ms

Multi Marker List

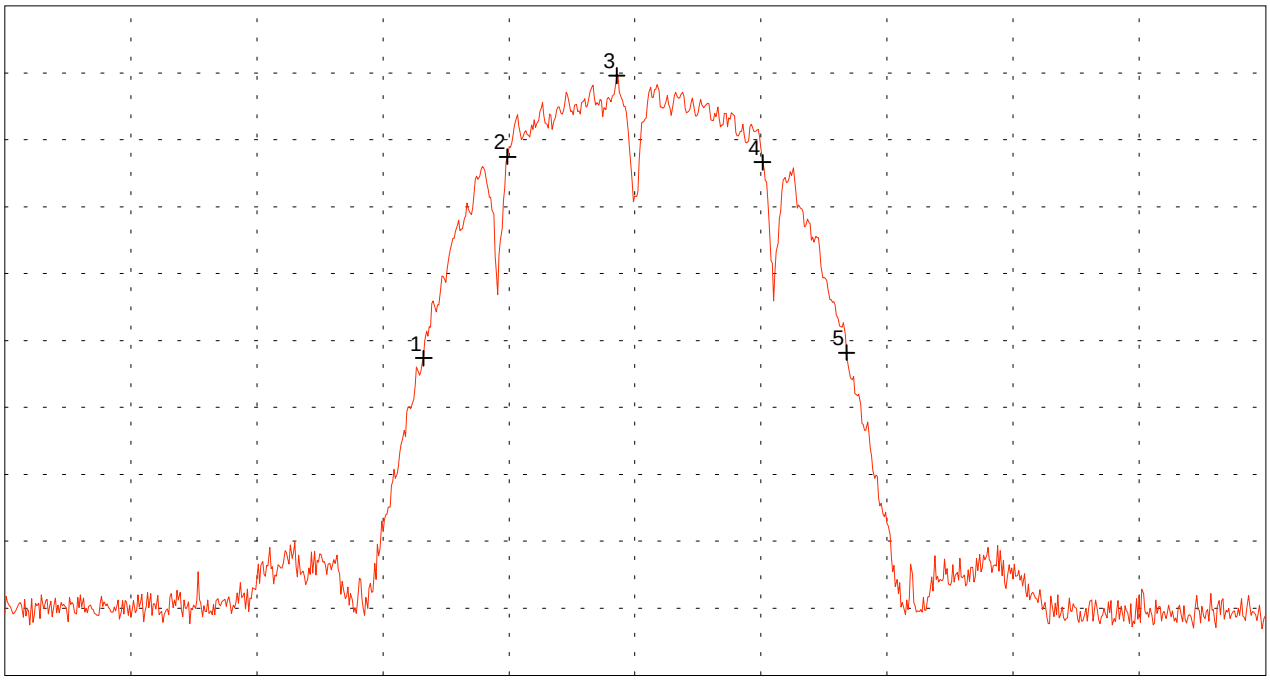
No. 1	2.453778 GHz	-15.77 dBm
No. 2	2.456056 GHz	-2.13 dBm
No. 3	2.463722 GHz	4.52 dBm
No. 4	2.467611 GHz	-1.74 dBm
No. 5	2.470167 GHz	-15.64 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Minimum bandwidth (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Delta f (-6 dB points) = 10.11 MHz Result: Test passed Note: -20 dB points for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 10 dBm ATT 55 dB Ref. Offset .9 dB
5 dB/Div.



Start 2.437 GHz Stop 2.487 GHz
RBW 100 kHz VBW 100 kHz SWP 20 ms

Multi Marker List

No. 1	2.453611 GHz	-16.32 dBm
No. 2	2.456944 GHz	-1.27 dBm
No. 3	2.461278 GHz	4.80 dBm
No. 4	2.467056 GHz	-1.68 dBm
No. 5	2.470389 GHz	-15.92 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Maximum Peak Output Power
according to FCC Part 15 Subpart C, §15.247b

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Date of test: 09/16/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- using internal antenna

- TX mode

Tested on: Antenna connector

Selected bit rate	Operating frequency [GHz]	PEP power meter reading [dBm]	Correction-factor [dB]	Output power [dBm]	Limit (see note 1) [dBm]
11 Mbps	2.412	5.9	10.2	16.1	30
	2.442	5.9	10.2	16.1	30
	2.462	5.9	10.2	16.1	30
5.5 Mbps	2.412	5.1	10.2	15.3	30
	2.442	5.1	10.2	15.3	30
	2.462	5.1	10.2	15.3	30
2 Mbps	2.412	5.9	10.2	16.1	30
	2.442	6.0	10.2	16.2	30
	2.462	6.0	10.2	16.2	30

Note 1: Total nominal gain of internal antenna is 0 dBi.
Note 2: The correction factor noted above is caused by the attenuation of DC block and 10 dB attenuator
The maximum power values were recorded.
Note 3: The duty cycle of the EUT is > 99%

Result: The limit is kept

Maximum Peak Output Power
according to FCC Part 15 Subpart C, §15.247b

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Date of test: 09/16/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- using internal antenna

- TX mode

Tested on: Antenna connector

Selected bit rate	Operating frequency [GHz]	RMS power meter reading [dBm]	Correction-factor [dB]	Output power [dBm]	Limit (see note 1) [dBm]
11 Mbps	2.412	4.2	10.2	14.4	30
	2.442	4.2	10.2	14.4	30
	2.462	4.3	10.2	14.5	30
5.5 Mbps	2.412	4.2	10.2	14.4	30
	2.442	4.2	10.2	14.4	30
	2.462	4.3	10.2	14.5	30
2 Mbps	2.412	4.1	10.2	14.3	30
	2.442	4.2	10.2	14.4	30
	2.462	4.2	10.2	14.4	30

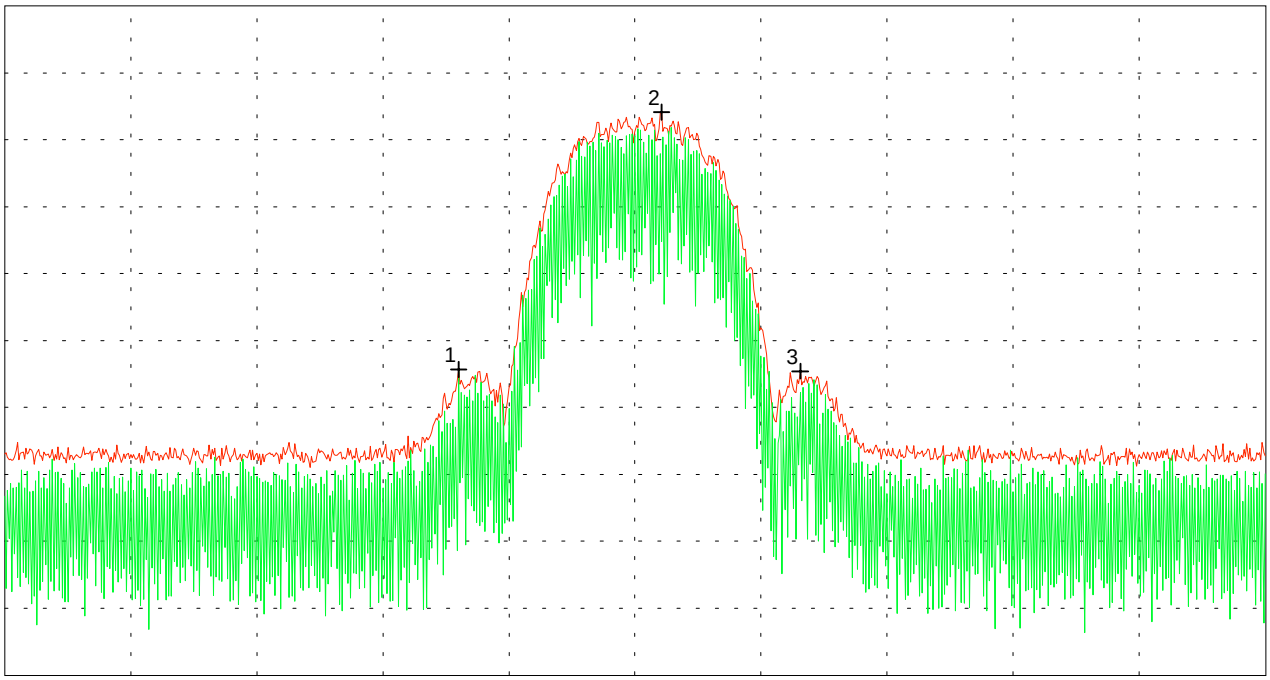
Note 1: Total nominal gain of internal antenna is 0 dBi.
Note 2: The correction factor noted above is caused by the attenuation of DC block and 10 dB attenuator
The maximum power values were recorded.
Note 3: The duty cycle of the EUT is > 99%

Result: The limit is kept

Maximum peak output power (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Note: for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.362 GHz Stop 2.462 GHz
RBW 100 kHz VBW 100 kHz SWP 40 ms

Multi Marker List

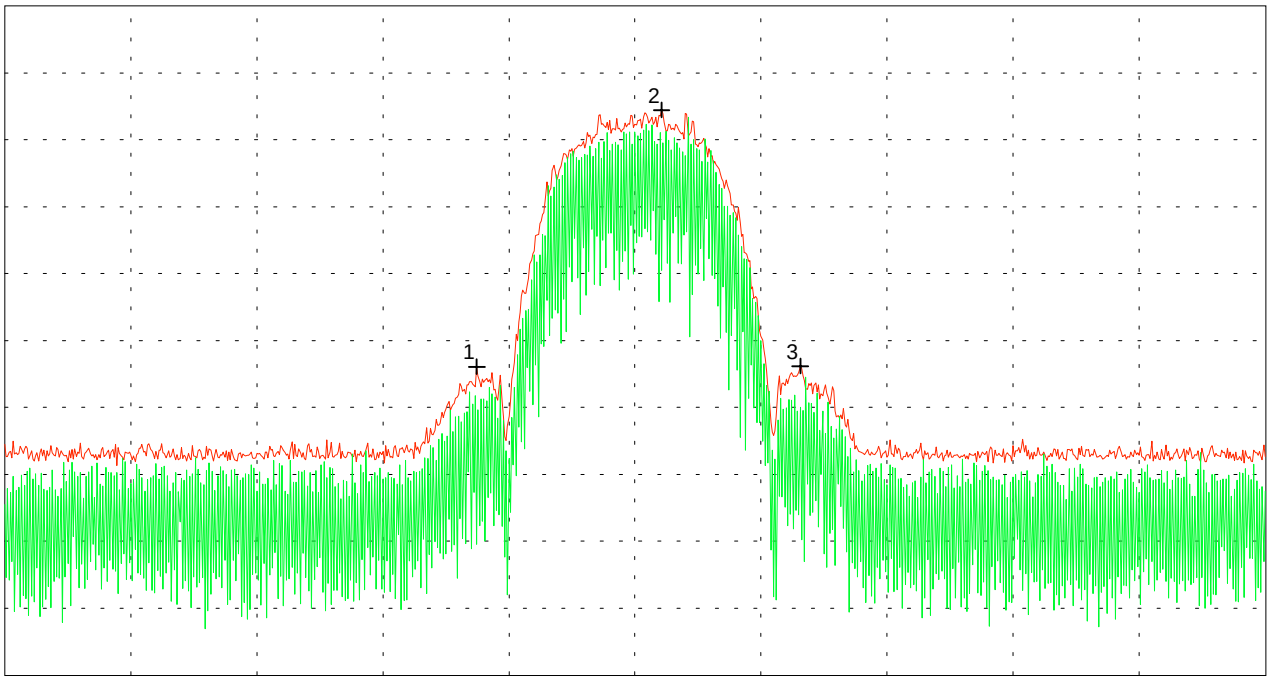
No. 1	2.398000 GHz	-34.34 dBm
No. 2	2.414111 GHz	4.13 dBm
No. 3	2.425111 GHz	-34.57 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 46 of 183 Pages

Maximum peak output power (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Note: for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.362 GHz Stop 2.462 GHz
RBW 100 kHz VBW 100 kHz SWP 40 ms

Multi Marker List

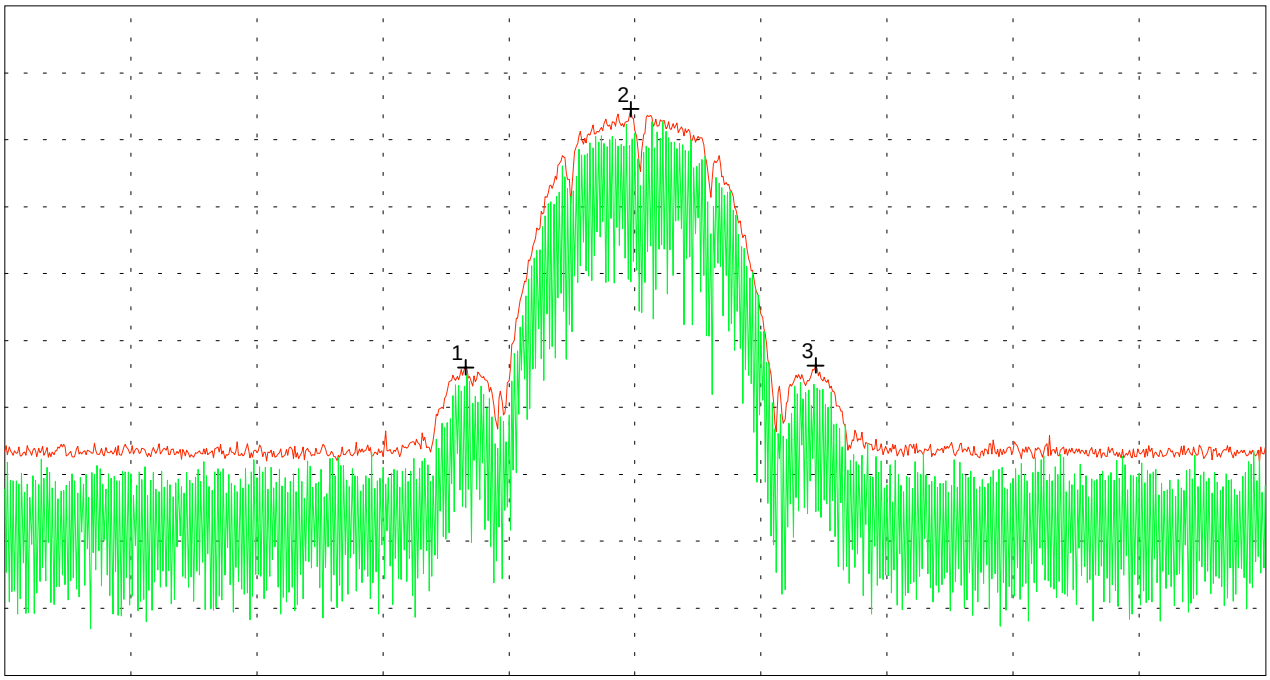
No. 1	2.399444 GHz	-33.93 dBm
No. 2	2.414111 GHz	4.46 dBm
No. 3	2.425111 GHz	-33.85 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 47 of 183 Pages

Maximum peak output power (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Note: for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.362 GHz Stop 2.462 GHz
RBW 100 kHz VBW 100 kHz SWP 40 ms

Multi Marker List

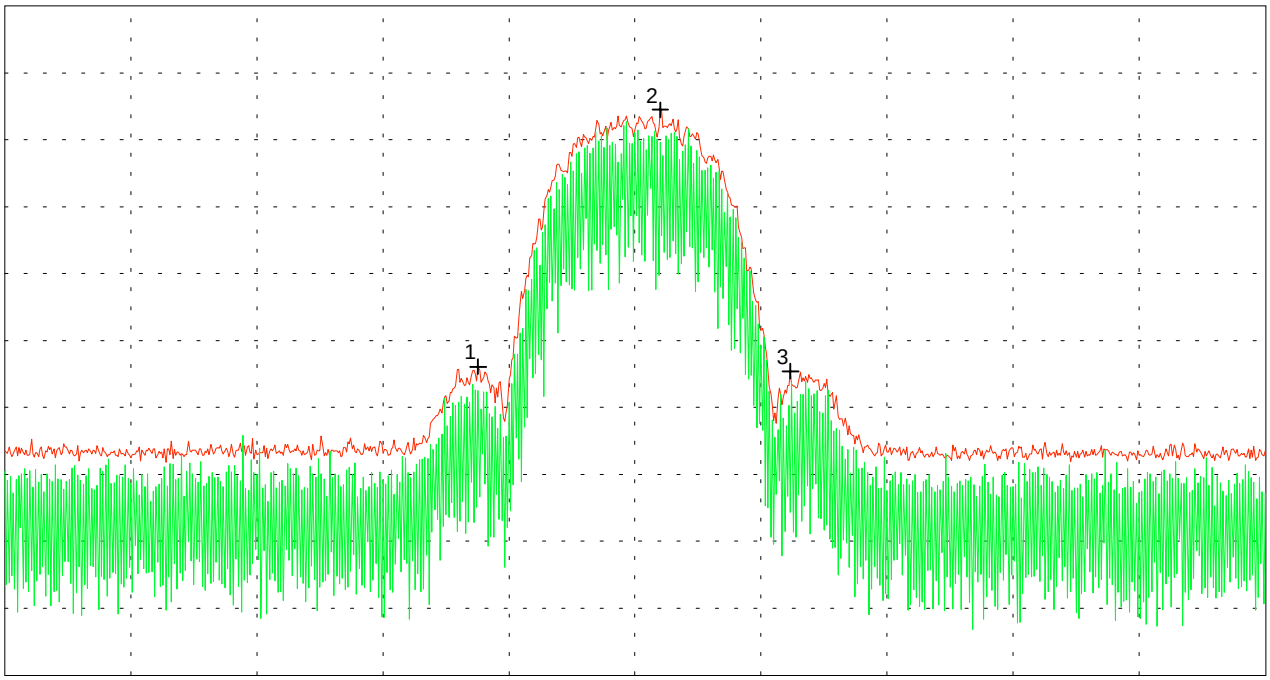
No. 1	2.398556 GHz	-34.03 dBm
No. 2	2.411667 GHz	4.57 dBm
No. 3	2.426333 GHz	-33.73 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 48 of 183 Pages

Maximum peak output power (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Note: for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.392 GHz Stop 2.492 GHz
RBW 100 kHz VBW 100 kHz SWP 40 ms

Multi Marker List

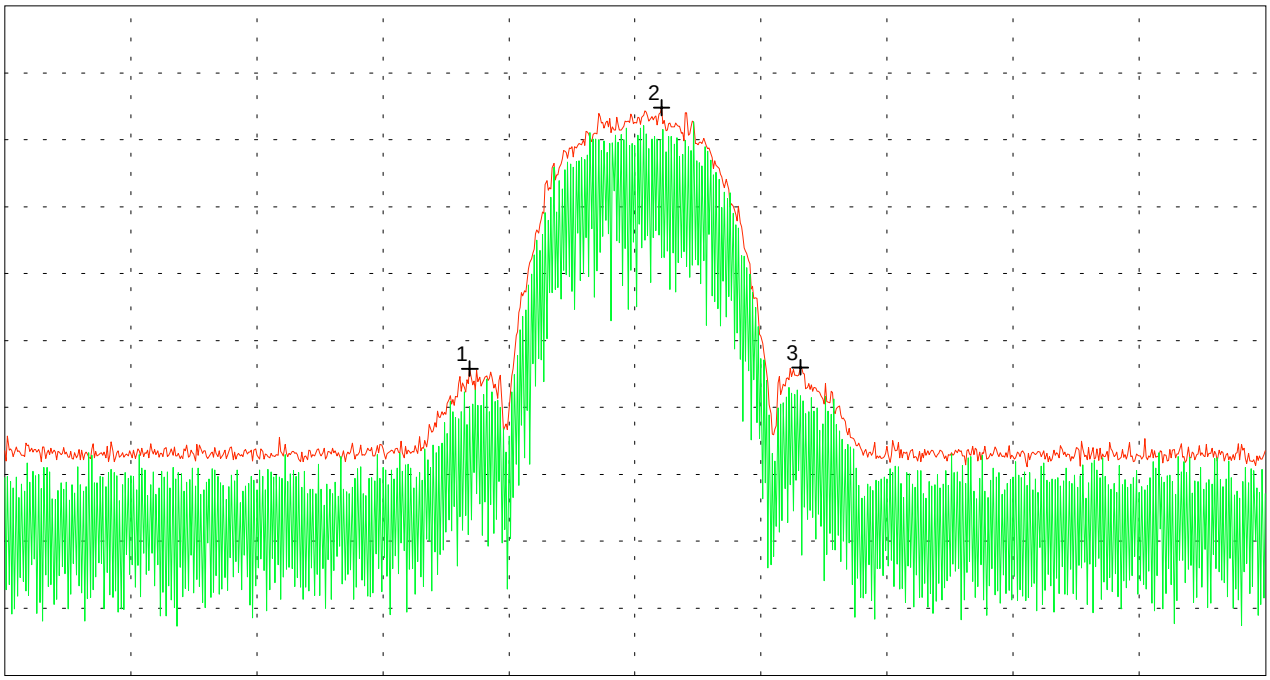
No. 1	2.429556 GHz	-33.93 dBm
No. 2	2.444000 GHz	4.49 dBm
No. 3	2.454333 GHz	-34.59 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 49 of 183 Pages

Maximum peak output power (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Note: for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.392 GHz Stop 2.492 GHz
RBW 100 kHz VBW 100 kHz SWP 40 ms

Multi Marker List

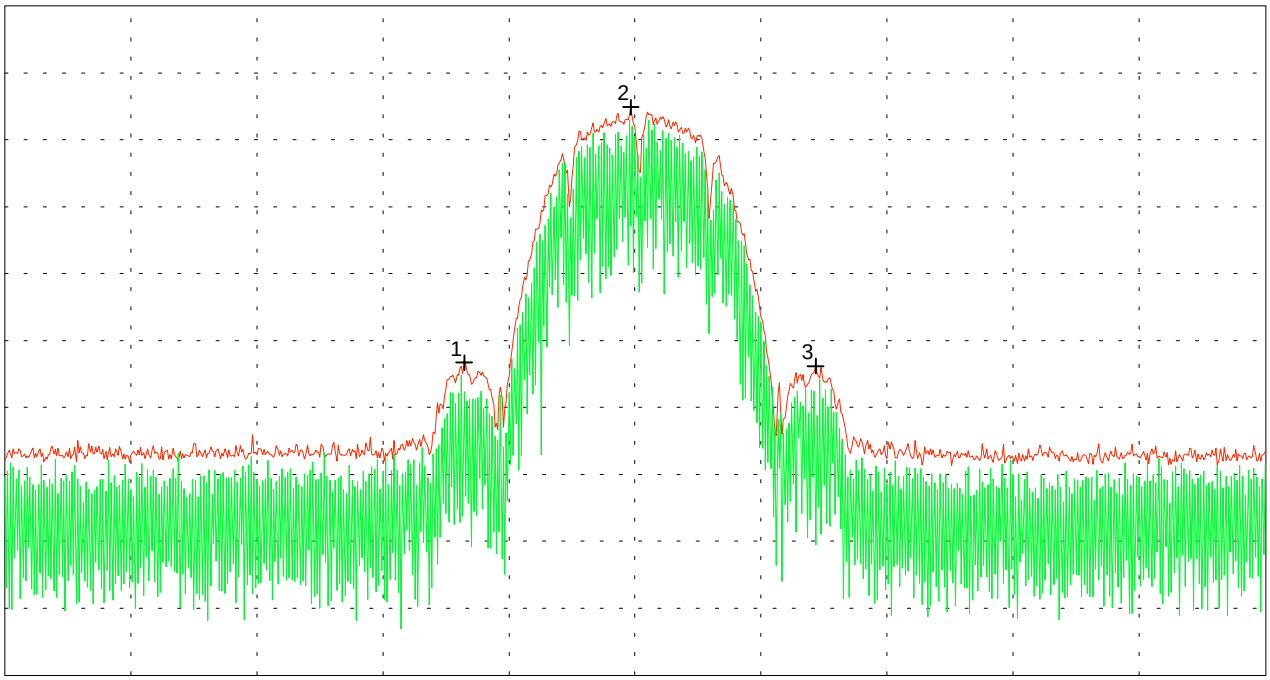
No. 1	2.428889 GHz	-34.21 dBm
No. 2	2.444111 GHz	4.82 dBm
No. 3	2.455111 GHz	-34.03 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 50 of 183 Pages

Maximum peak output power (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Note: for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.392 GHz Stop 2.492 GHz
RBW 100 kHz VBW 100 kHz SWP 40 ms

Multi Marker List

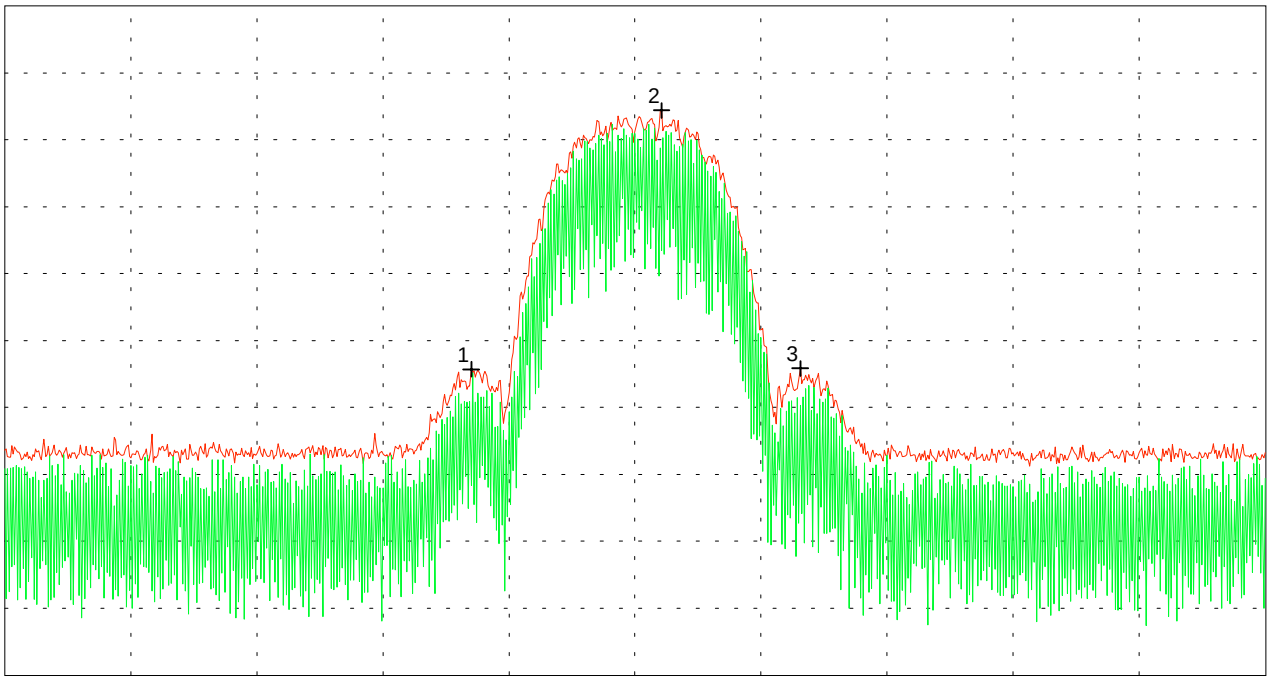
No. 1	2.428444 GHz	-33.32 dBm
No. 2	2.441667 GHz	4.85 dBm
No. 3	2.456333 GHz	-33.83 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 51 of 183 Pages

Maximum peak output power (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Note: for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.412 GHz Stop 2.512 GHz
RBW 100 kHz VBW 100 kHz SWP 40 ms

Multi Marker List

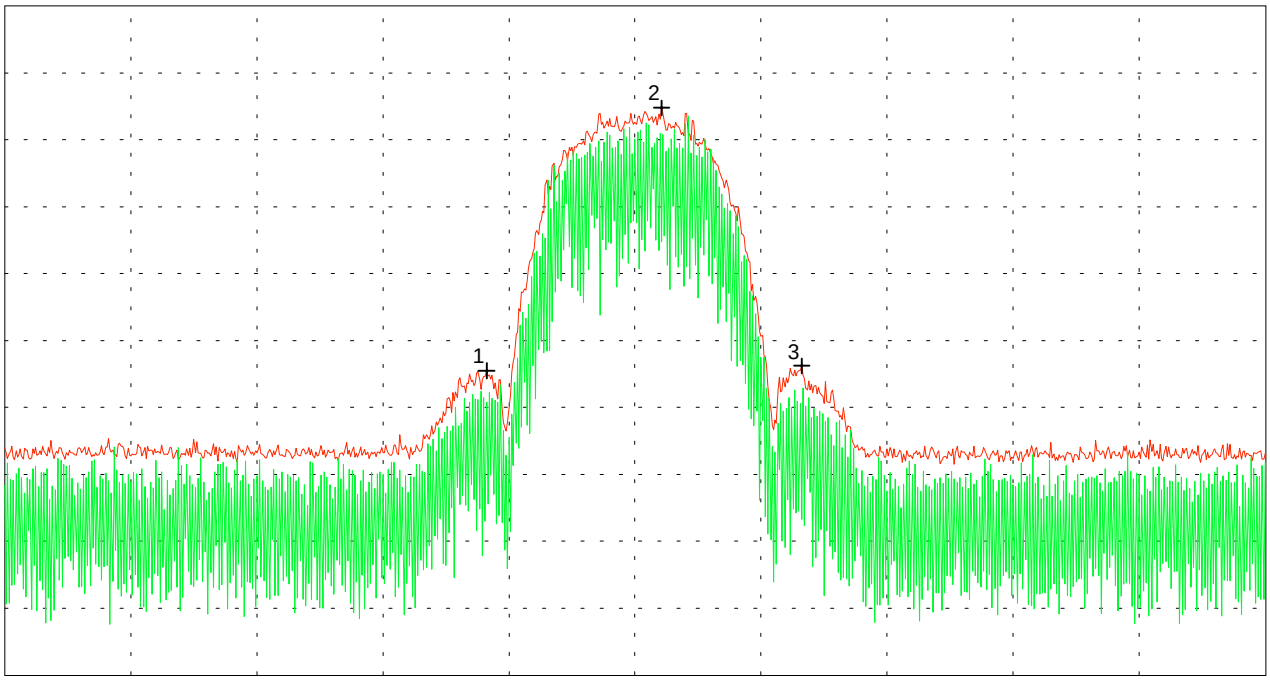
No. 1	2.449000 GHz	-34.31 dBm
No. 2	2.464111 GHz	4.39 dBm
No. 3	2.475111 GHz	-34.18 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 52 of 183 Pages

Maximum peak output power (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Note: for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.412 GHz Stop 2.512 GHz
RBW 100 kHz VBW 100 kHz SWP 40 ms

Multi Marker List

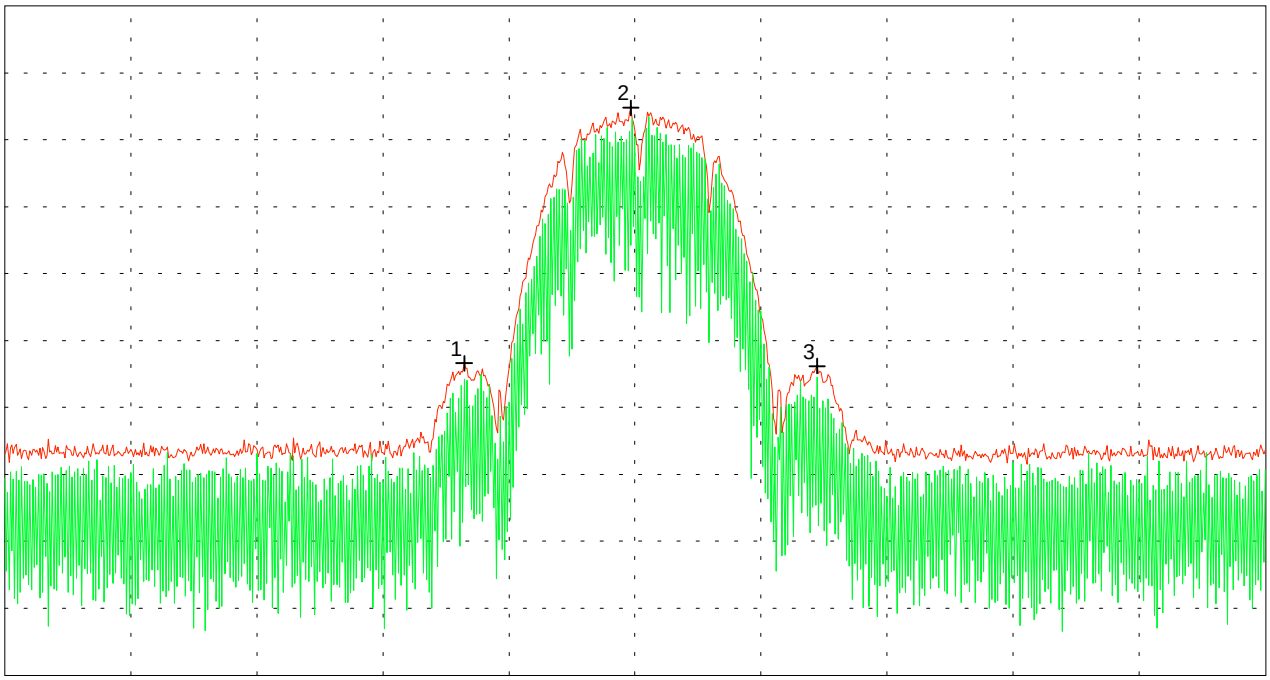
No. 1	2.450222 GHz	-34.54 dBm
No. 2	2.464111 GHz	4.79 dBm
No. 3	2.475222 GHz	-33.80 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 53 of 183 Pages

Maximum peak output power (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Note: for information only!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.412 GHz Stop 2.512 GHz
RBW 100 kHz VBW 100 kHz SWP 40 ms

Multi Marker List

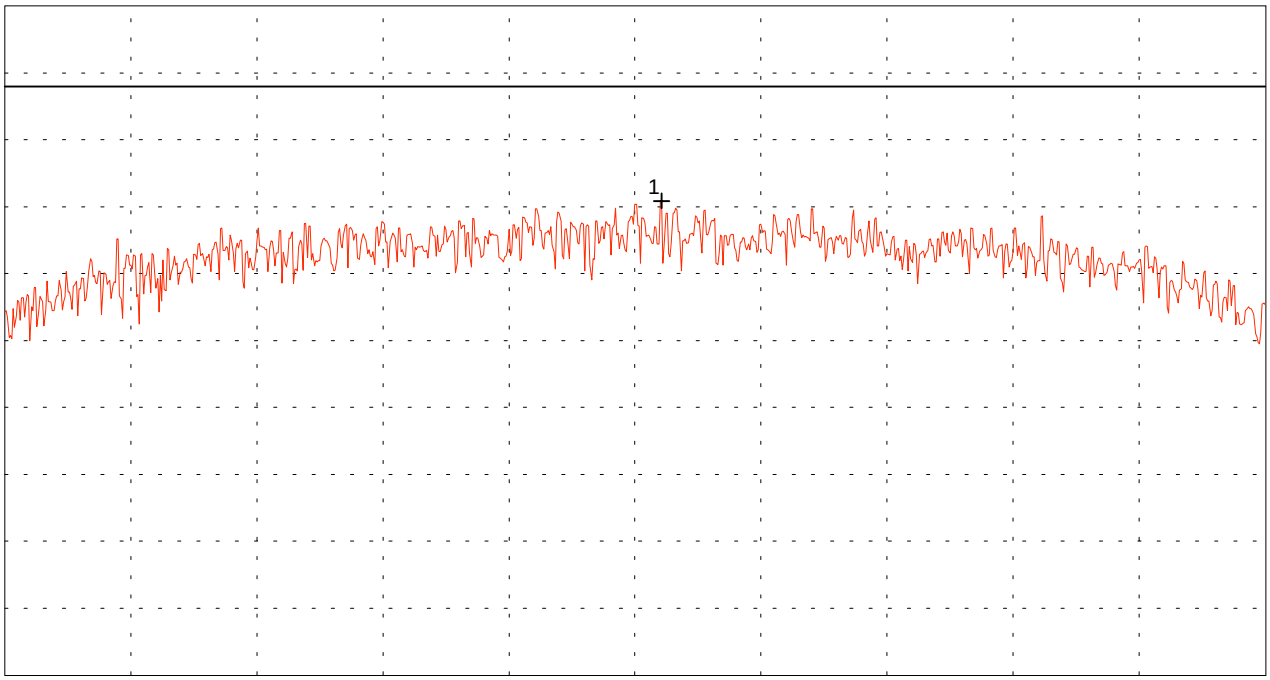
No. 1	2.448444 GHz	-33.40 dBm
No. 2	2.461667 GHz	4.79 dBm
No. 3	2.476444 GHz	-33.83 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 54 of 183 Pages

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Note: Prescan for zooming into maximum!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.4045 GHz Stop 2.4195 GHz
RBW 3 kHz VBW 100 kHz SWP 5 s

Multi Marker List

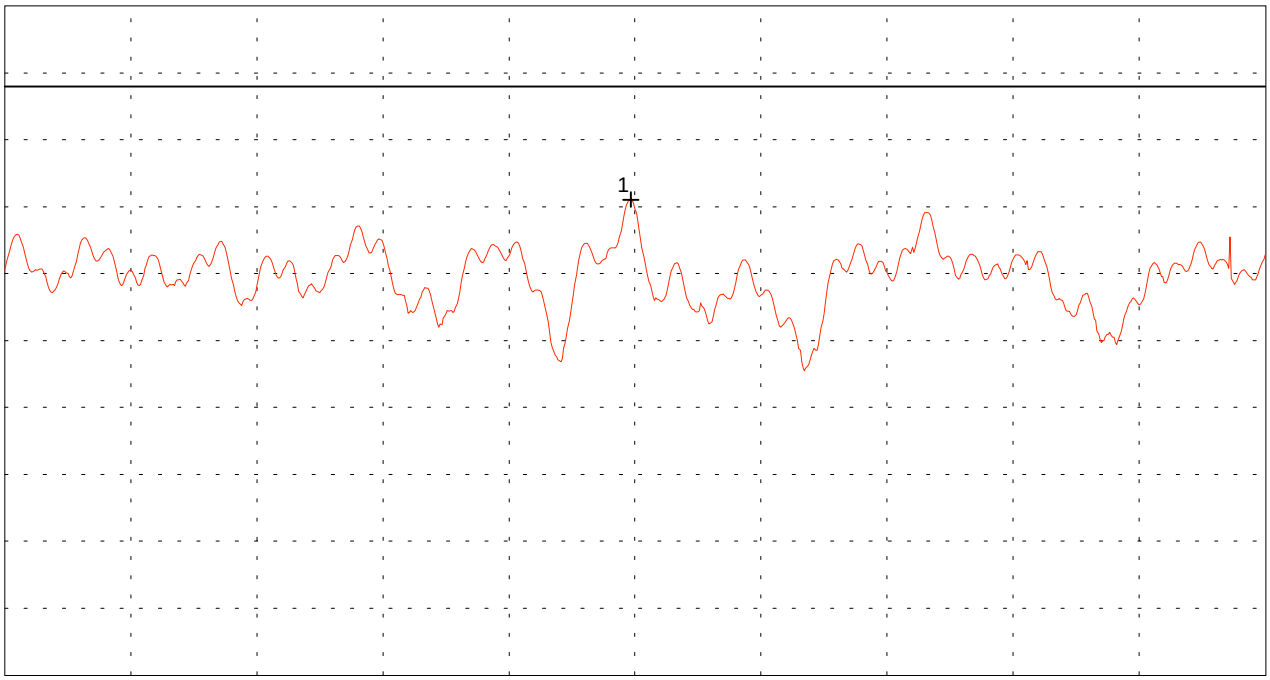
No. 1 2.412317 GHz -9.15 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.41215 GHz Stop 2.41245 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

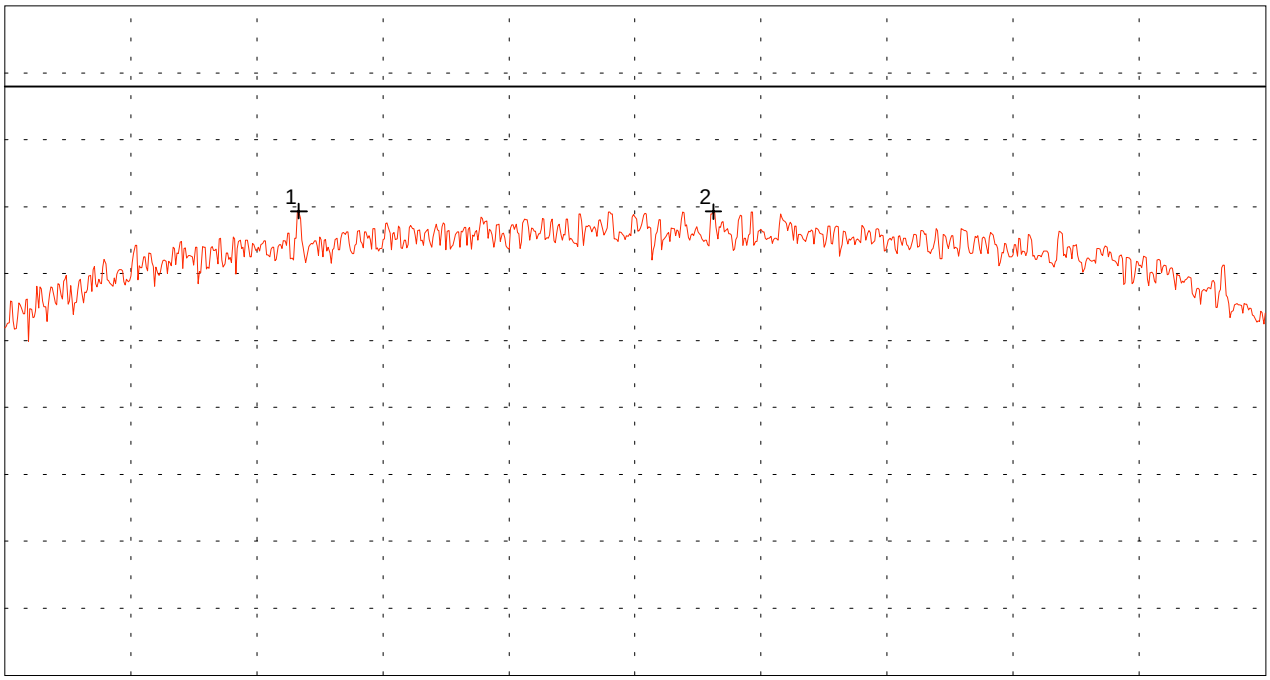
No. 1 2.412299 GHz -8.97 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Note: Prescan for zooming into maximum!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.4045 GHz Stop 2.4195 GHz
RBW 3 kHz VBW 100 kHz SWP 5 s

Multi Marker List

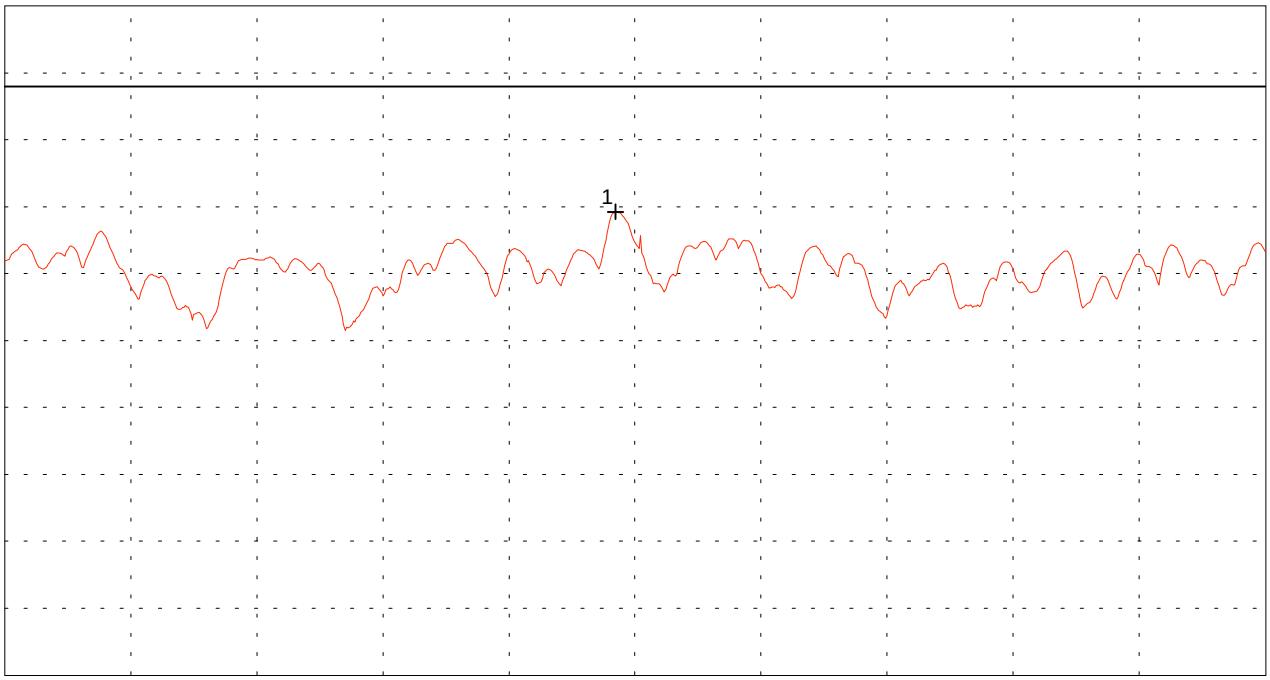
No. 1	2.408000 GHz	-10.67 dBm
No. 2	2.412933 GHz	-10.72 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 57 of 183 Pages

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.40785 GHz Stop 2.40815 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

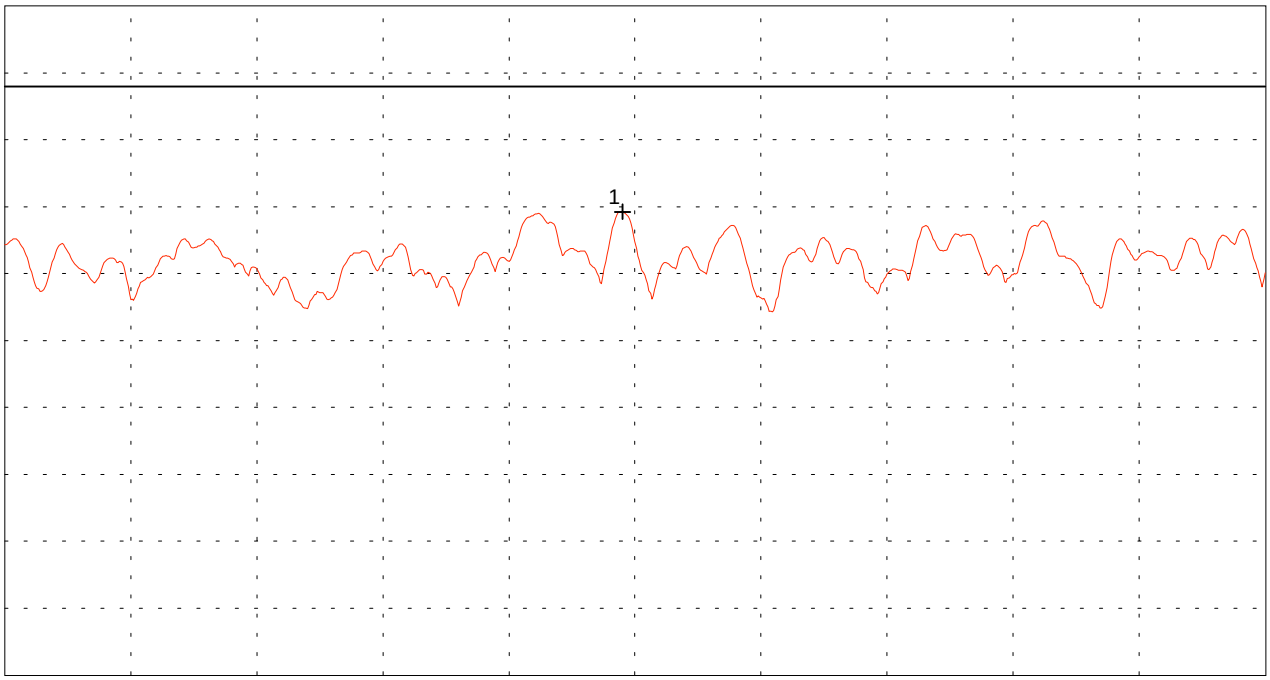
No. 1 2.407995 GHz -10.77 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 58 of 183 Pages

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.412783 GHz Stop 2.413083 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

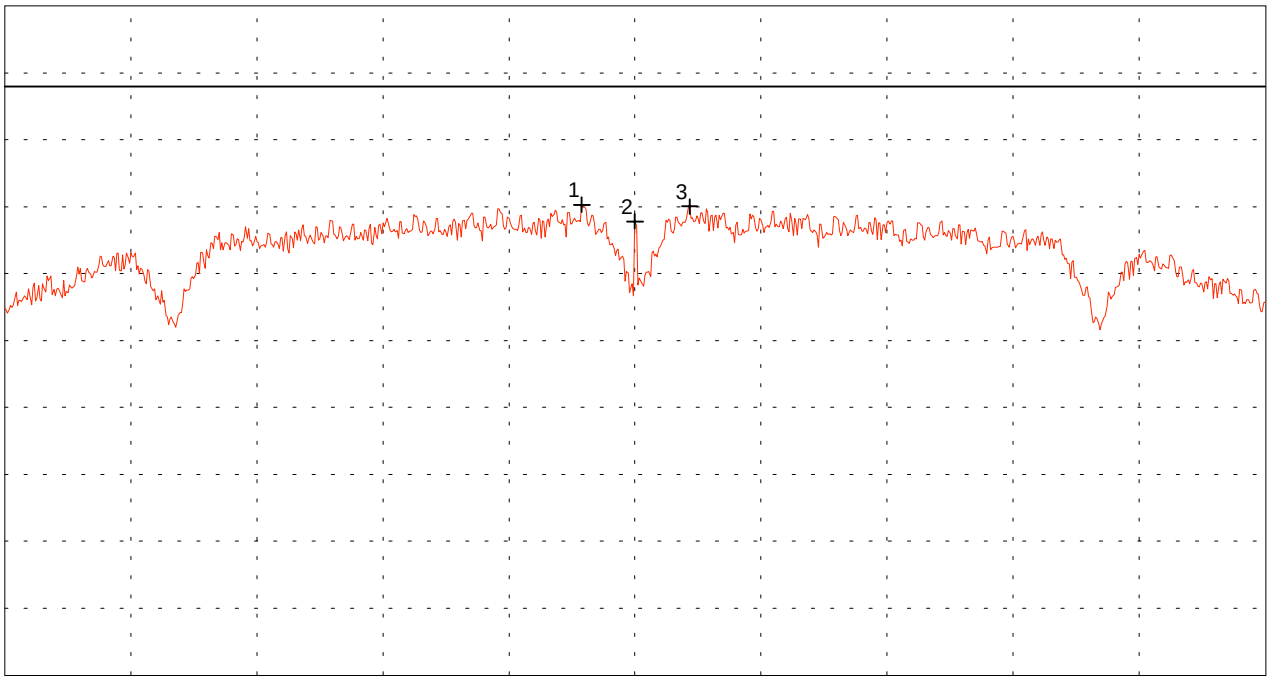
No. 1 2.412930 GHz -10.75 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Note: Prescan for zooming into maximum!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.4045 GHz Stop 2.4195 GHz
RBW 3 kHz VBW 100 kHz SWP 5 s

Multi Marker List

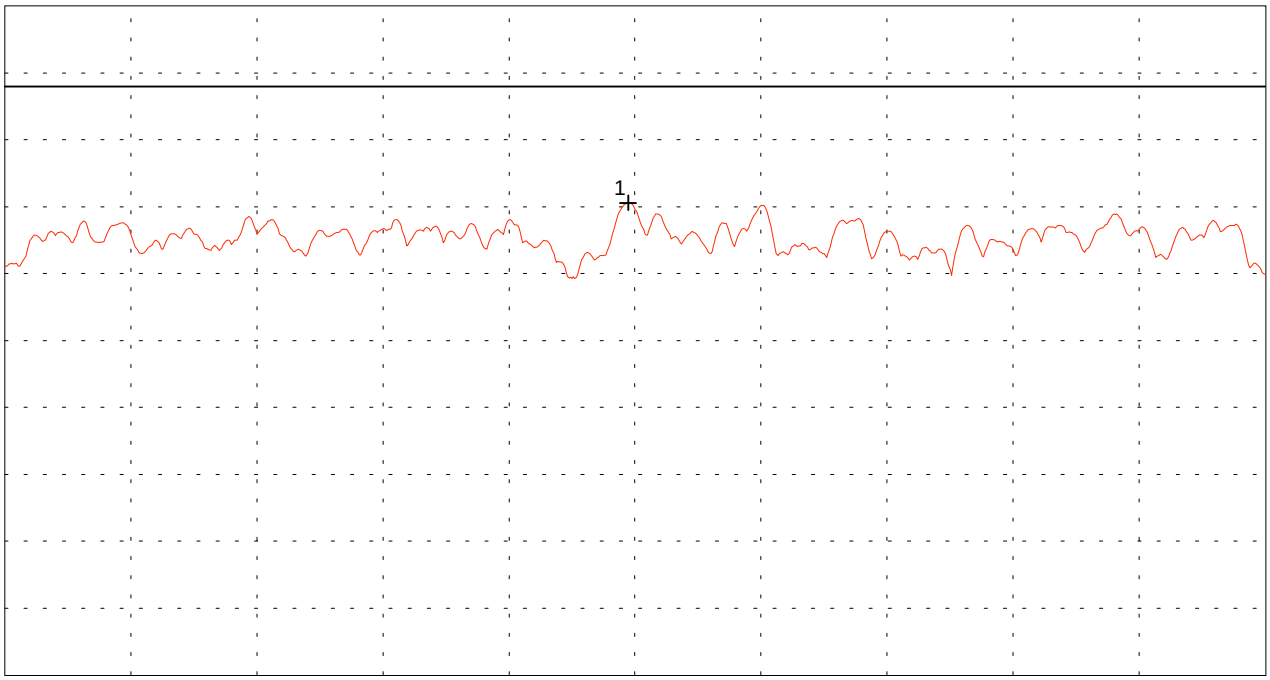
No. 1	2.411367 GHz	-9.71 dBm
No. 2	2.412000 GHz	-12.22 dBm
No. 3	2.412650 GHz	-9.98 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.411217 GHz Stop 2.411517 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

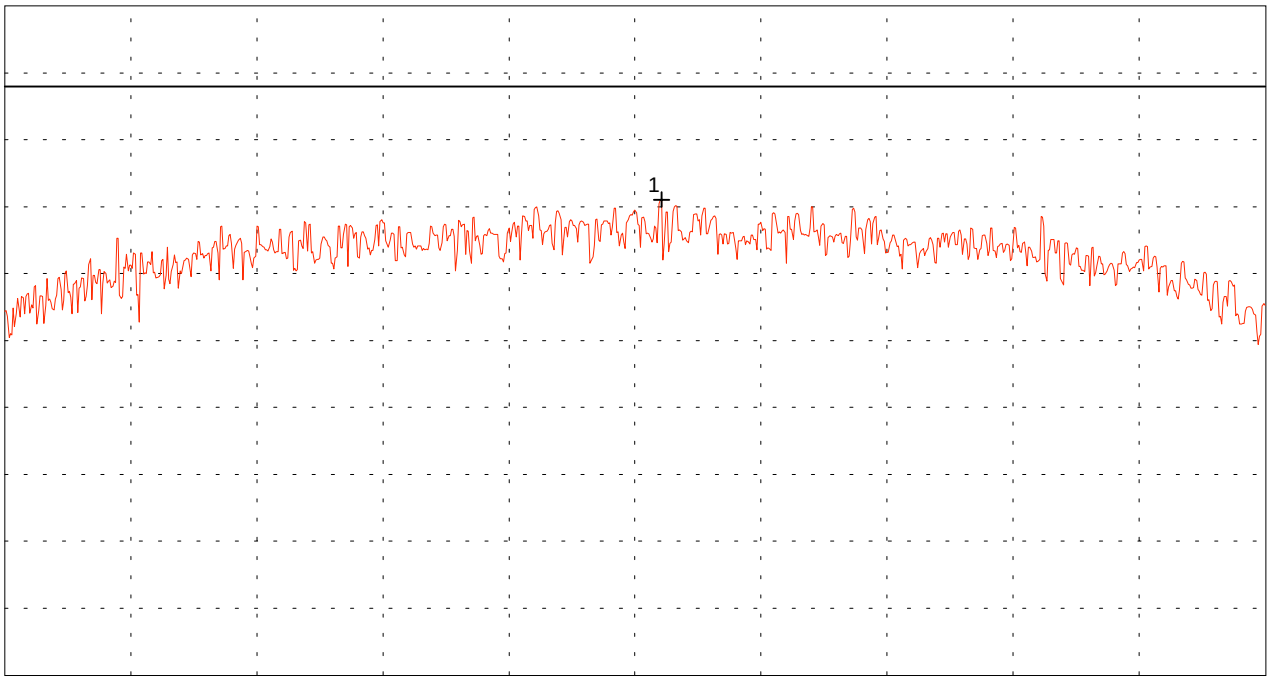
No. 1 2.411365 GHz -9.45 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Note: Prescan for zooming into maximum!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.434500 GHz Stop 2.449500 GHz
RBW 3 kHz VBW 100 kHz SWP 5 s

Multi Marker List

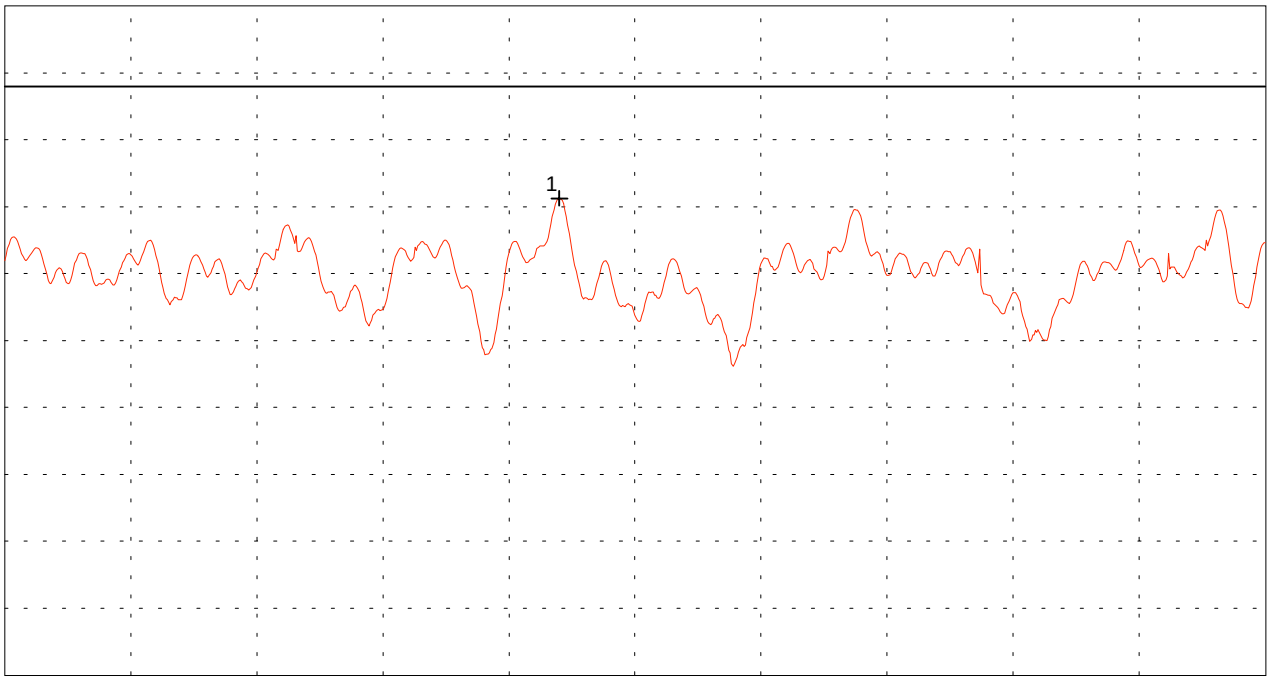
No. 1 2.442317 GHz -8.97 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.442167 GHz Stop 2.442467 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

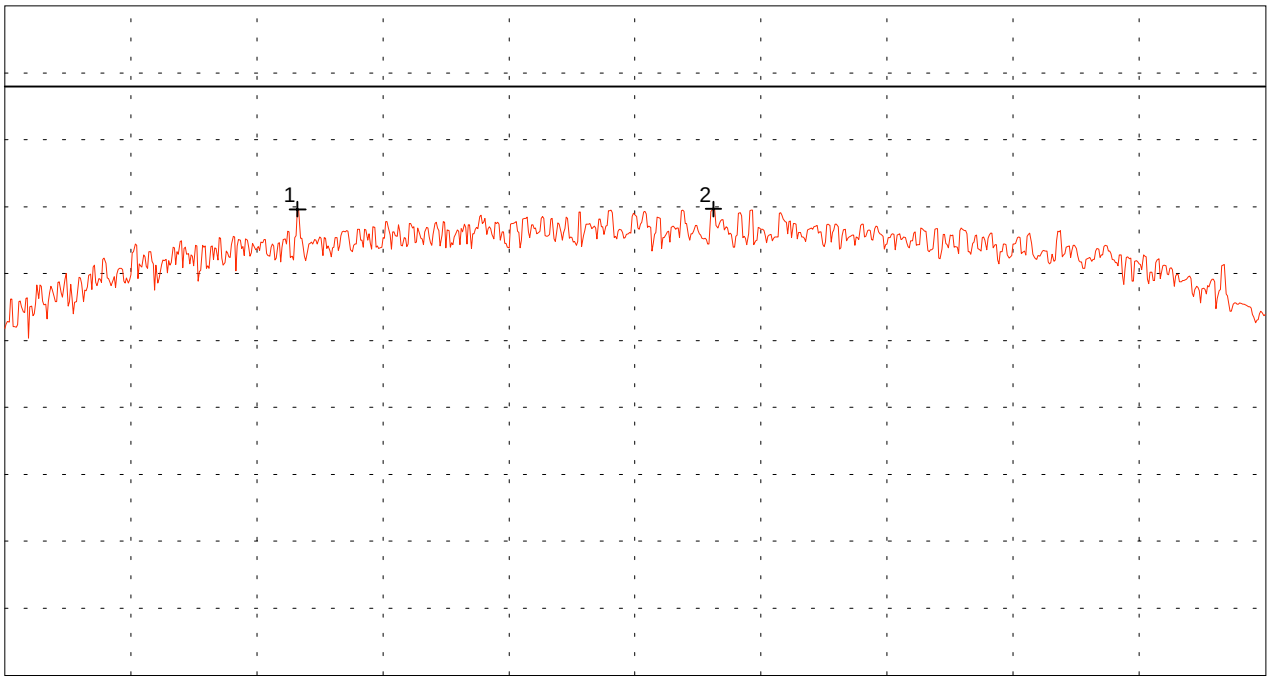
No. 1	2.442299 GHz	-8.74 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 63 of 183 Pages

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Note: Prescan for zooming into maximum!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.434500 GHz Stop 2.449500 GHz
RBW 3 kHz VBW 100 kHz SWP 5 s

Multi Marker List

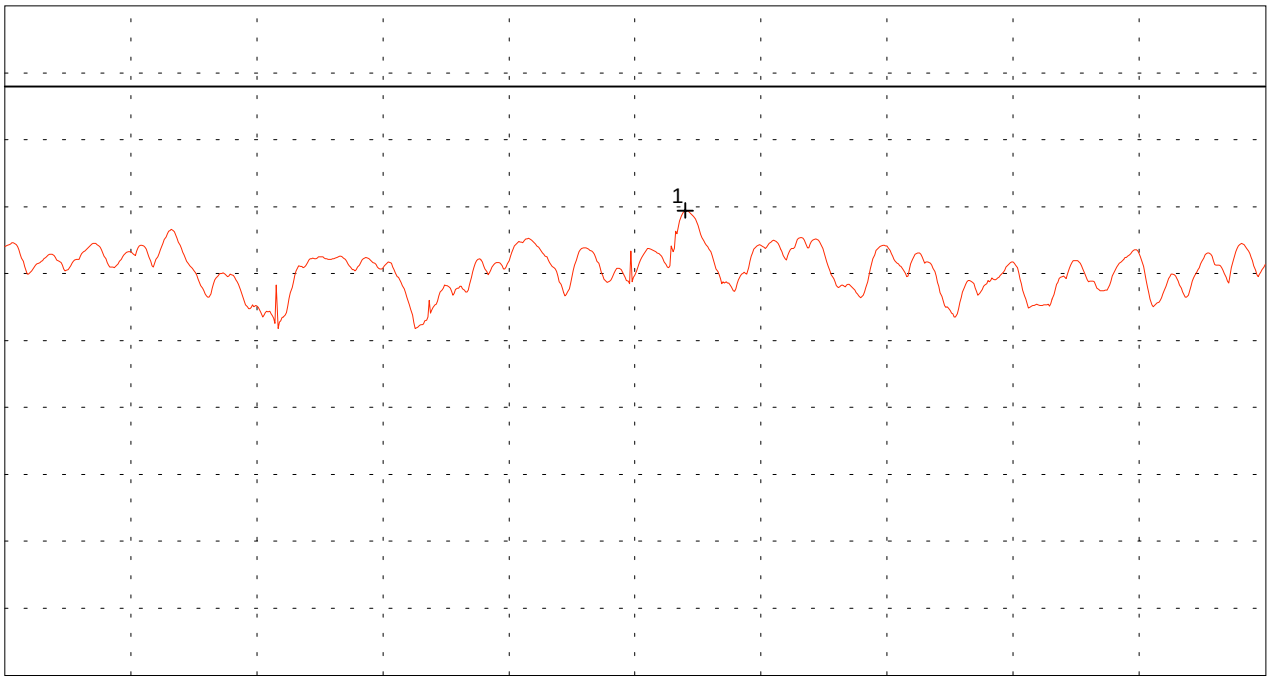
No. 1	2.437983 GHz	-10.39 dBm
No. 2	2.442933 GHz	-10.34 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 64 of 183 Pages

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.437833 GHz Stop 2.438133 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

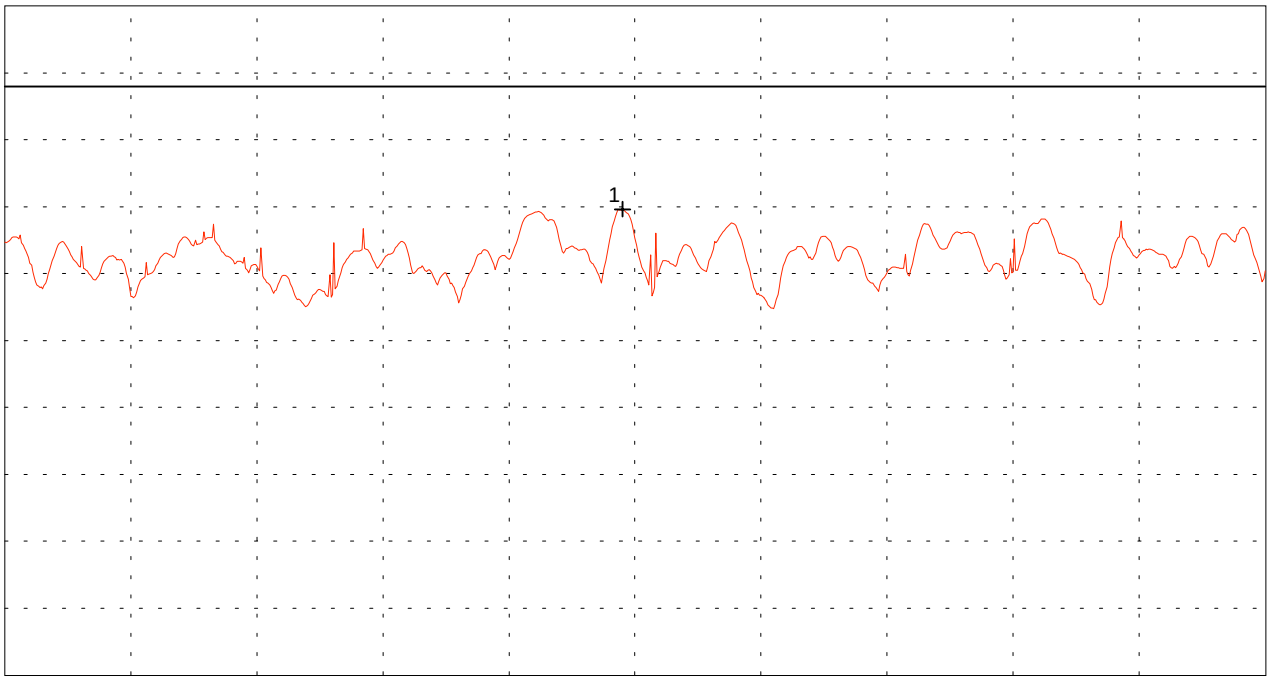
No. 1 2.437995 GHz -10.57 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 65 of 183 Pages

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.442783 GHz Stop 2.443083 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

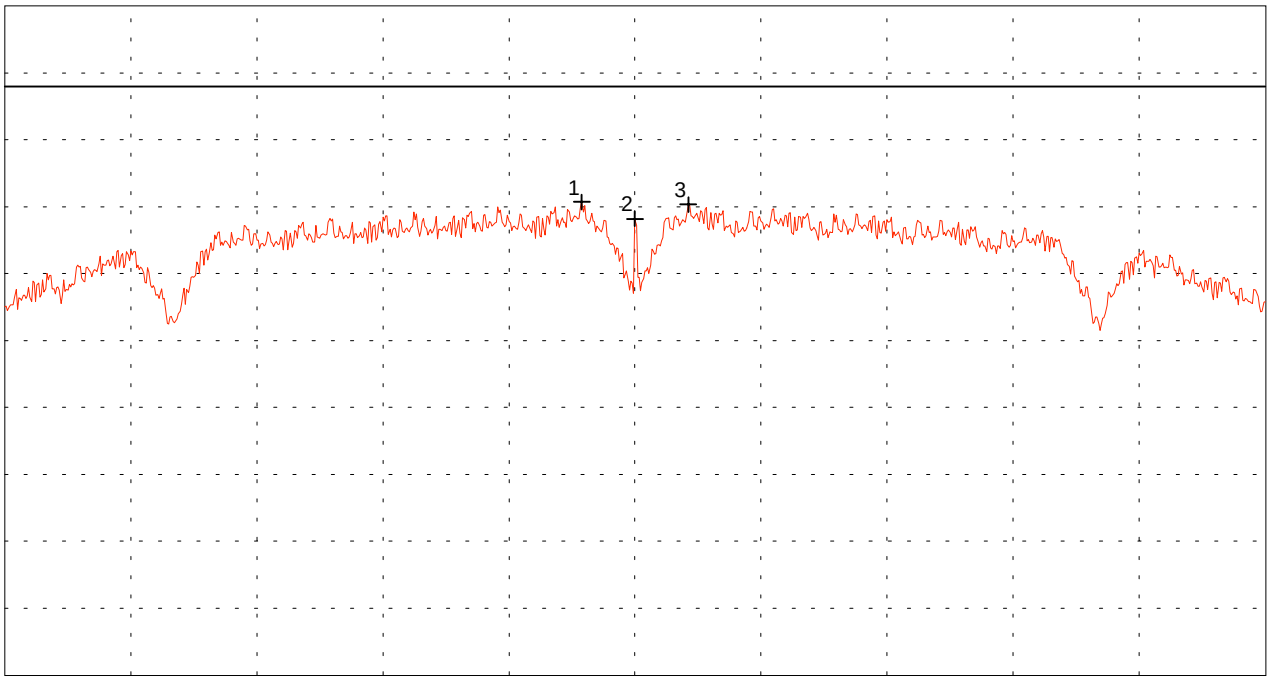
No. 1 2.442930 GHz -10.37 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Note: Prescan for zooming into maximum!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.4345 GHz Stop 2.4495 GHz
RBW 3 kHz VBW 100 kHz SWP 5 s

Multi Marker List

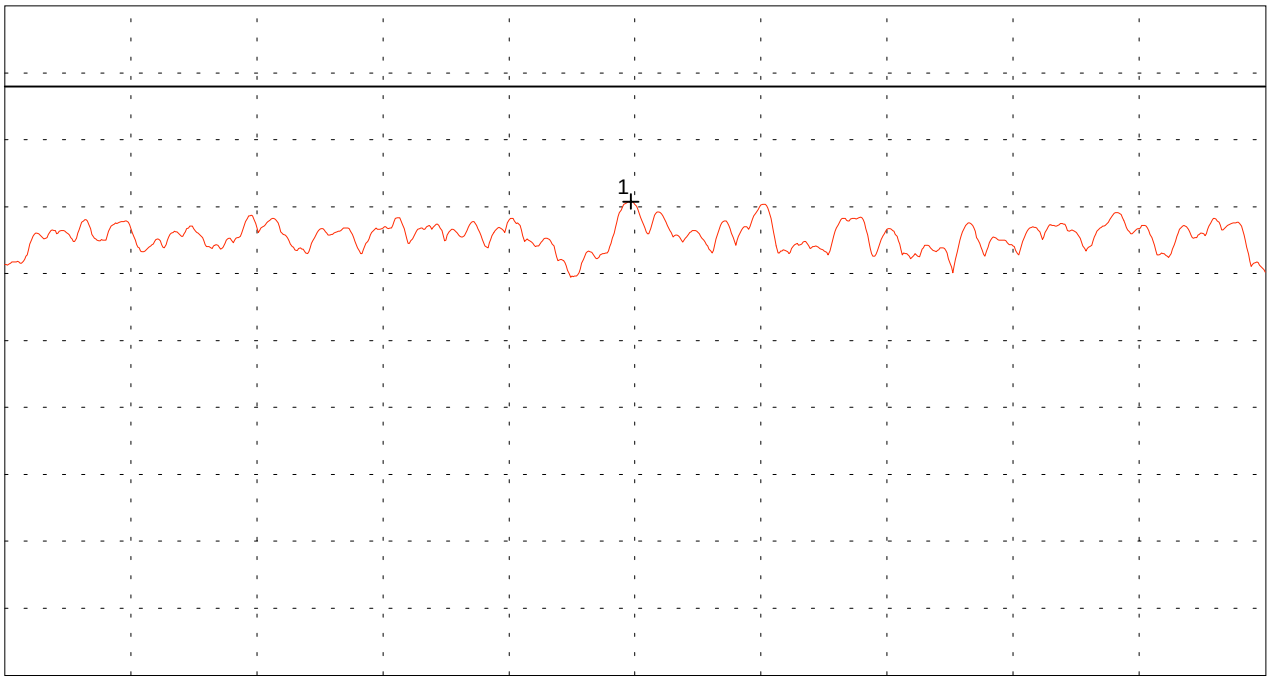
No. 1	2.441367 GHz	-9.30 dBm
No. 2	2.442000 GHz	-11.81 dBm
No. 3	2.442633 GHz	-9.68 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.442 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.441217 GHz Stop 2.441517 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

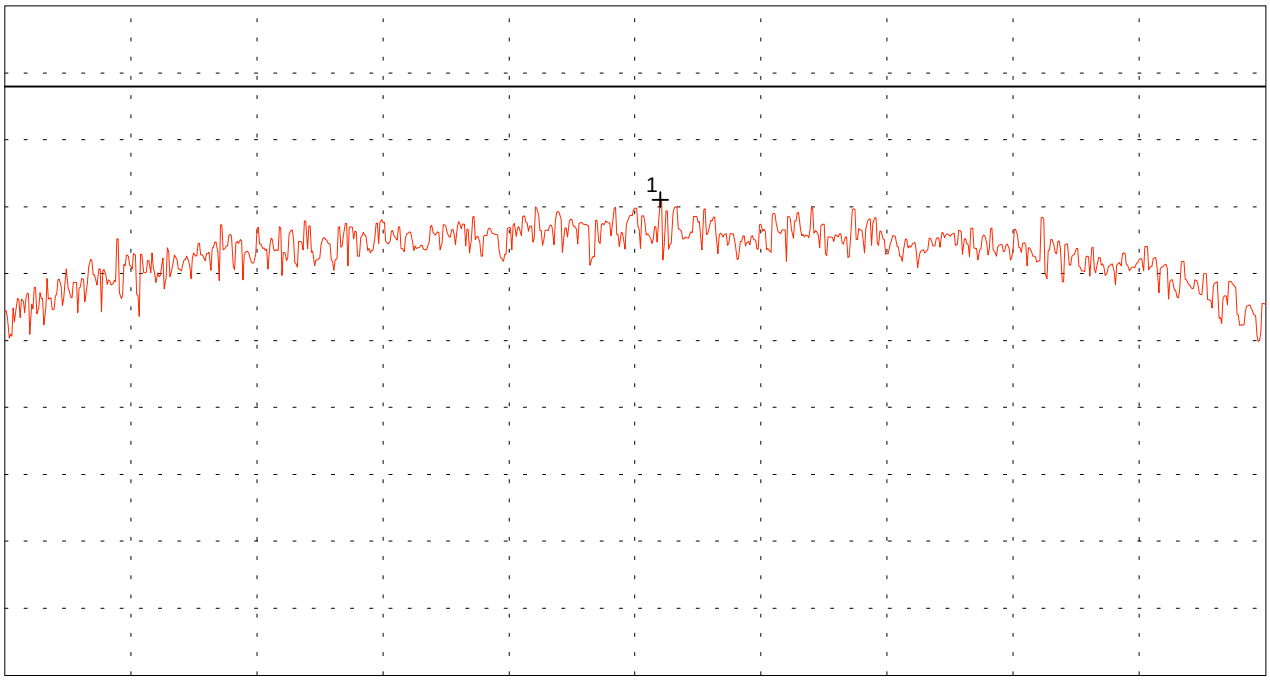
No. 1 2.441366 GHz -9.22 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Note: Prescan for zooming into maximum!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.454500 GHz Stop 2.469500 GHz
RBW 3 kHz VBW 100 kHz SWP 5 s

Multi Marker List

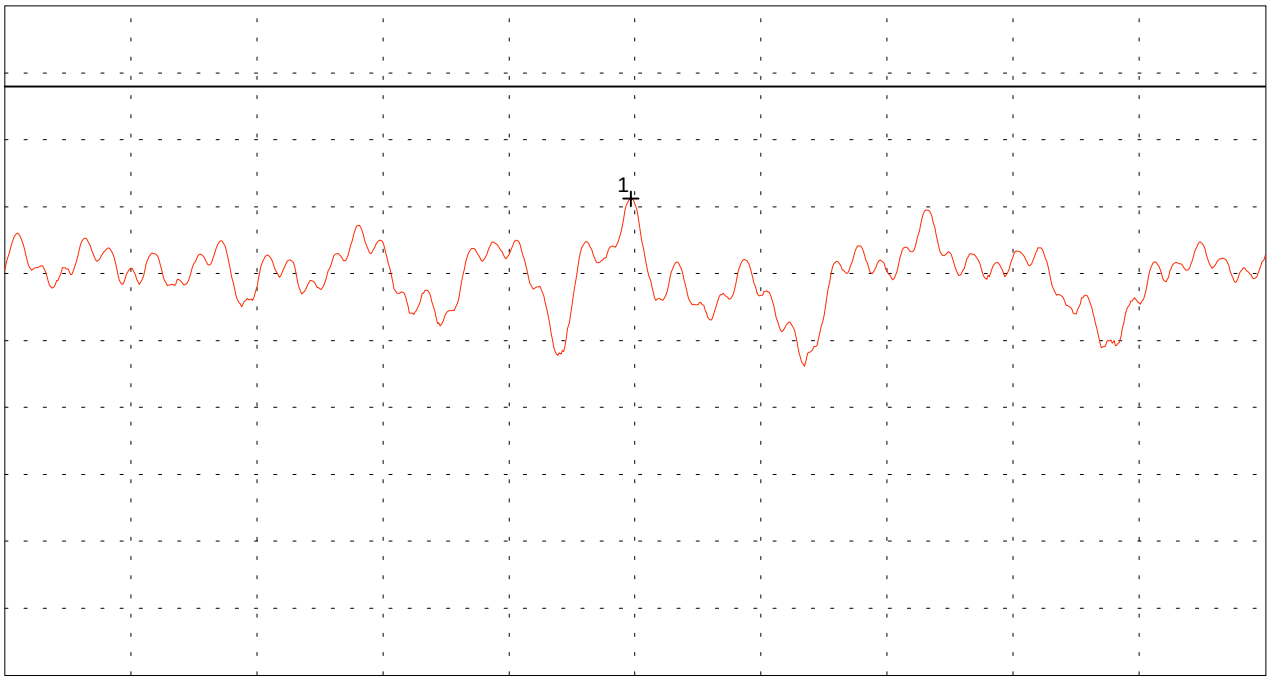
No. 1 2.462300 GHz -8.94 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.462150 GHz Stop 2.462450 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

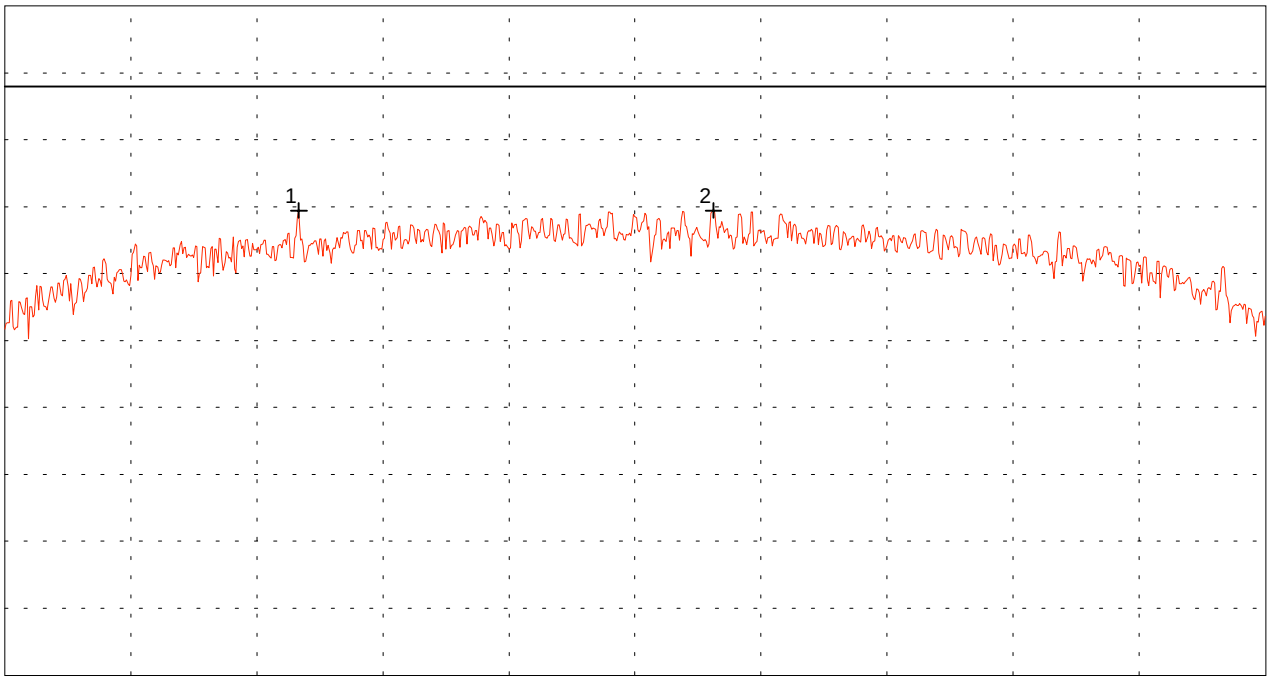
No. 1 2.462299 GHz -8.82 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Note: Prescan for zooming into maximum!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.454500 GHz Stop 2.469500 GHz
RBW 3 kHz VBW 100 kHz SWP 5 s

Multi Marker List

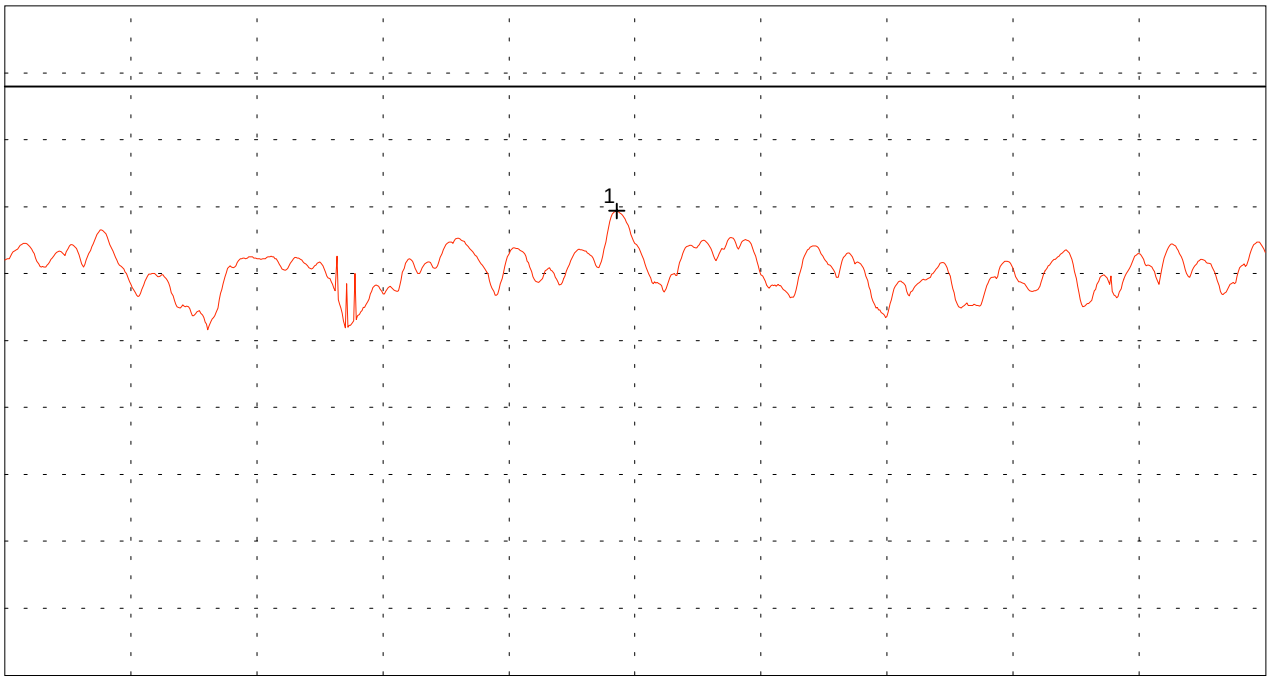
No. 1	2.458000 GHz	-10.57 dBm
No. 2	2.462933 GHz	-10.59 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 71 of 183 Pages

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.457850 GHz Stop 2.458150 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

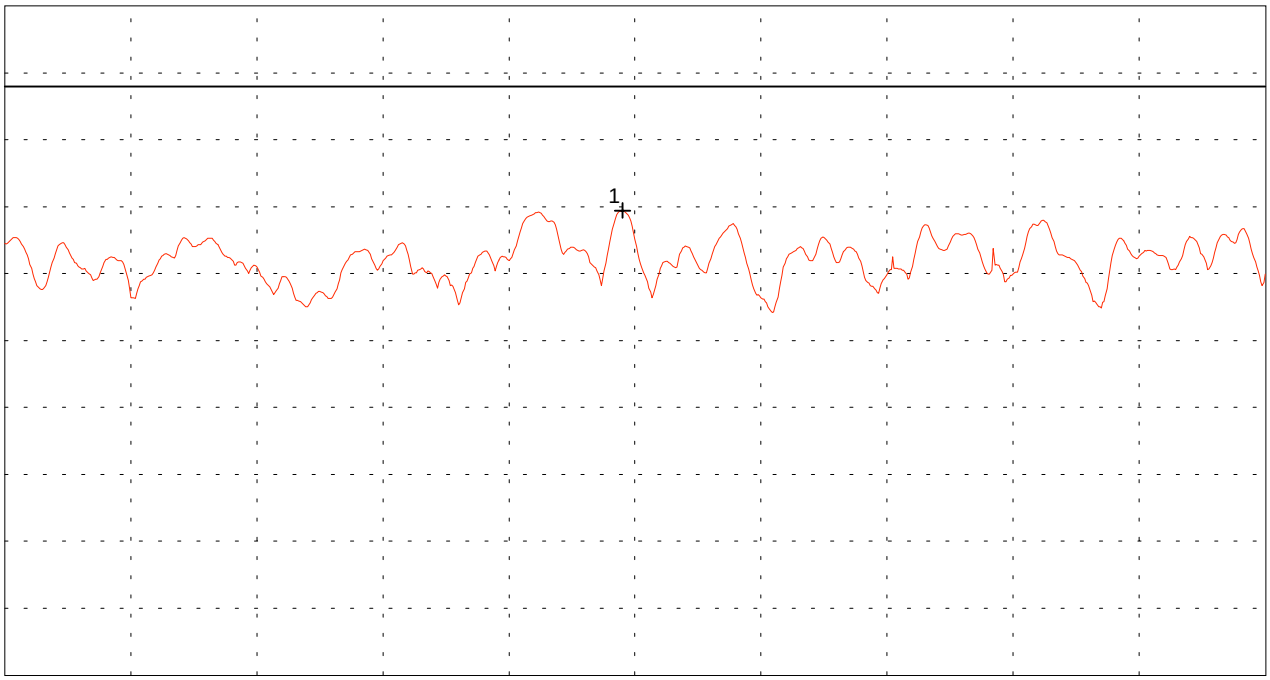
No. 1 2.457996 GHz -10.62 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 5.5 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.462783 GHz Stop 2.463083 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

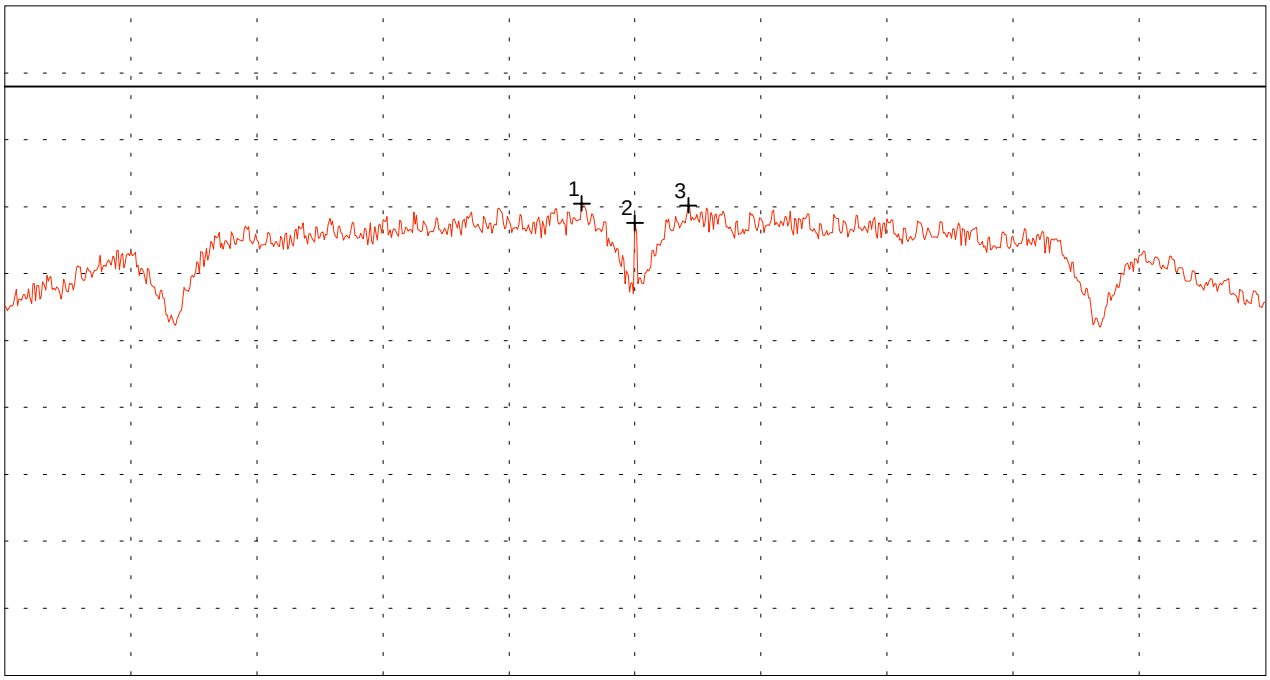
No. 1 2.462930 GHz -10.57 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Note: Prescan for zooming into maximum!
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.454500 GHz Stop 2.469500 GHz
RBW 3 kHz VBW 100 kHz SWP 5 s

Multi Marker List

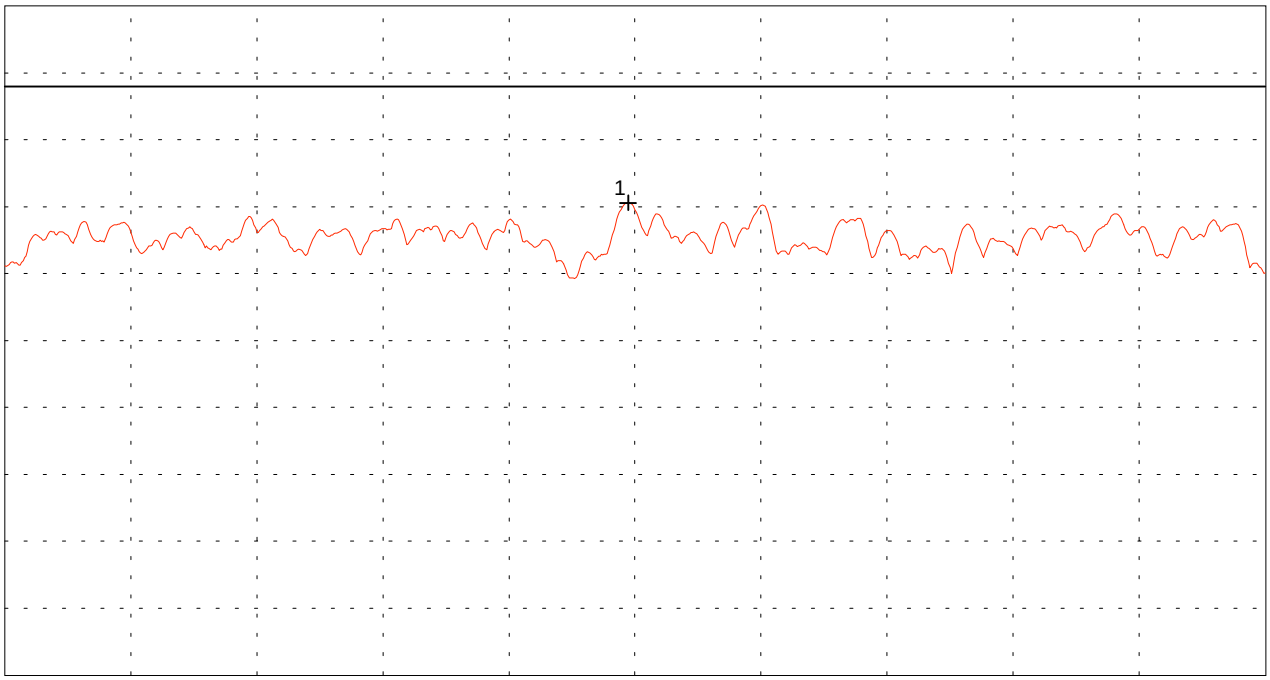
No. 1	2.461367 GHz	-9.53 dBm
No. 2	2.462000 GHz	-12.42 dBm
No. 3	2.462633 GHz	-9.83 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Peak power density (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Tested on: antenna connector Result: Test passed
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 20 dBm ATT 40 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.461217 GHz Stop 2.461517 GHz
RBW 3 kHz VBW 100 kHz SWP 100 s

Multi Marker List

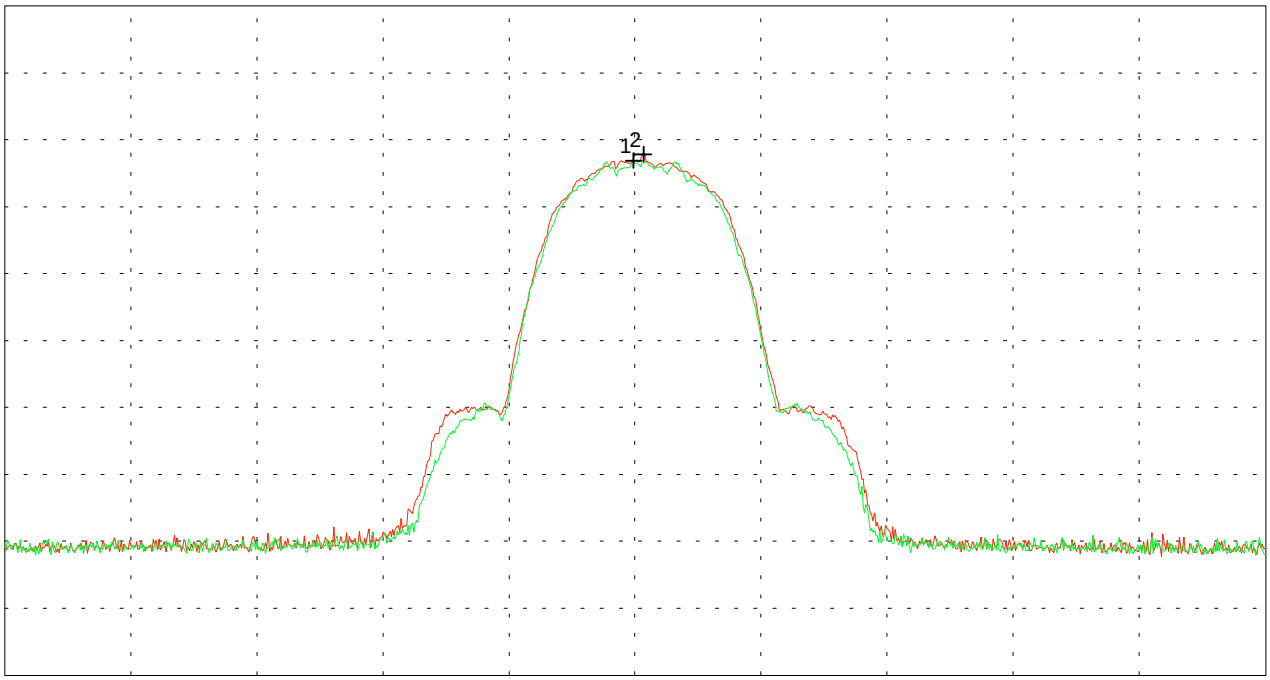
No. 1 2.461365 GHz -9.43 dBm

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	

Frequency range (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - TX mode with f = 2.412 GHz Tested on: antenna connector Channel A (red) = with bit rate 11 Mbps Channel B (green) = with bit rate 5.5 Mbps Note: Prescan for radiated emission at band edges (for information only)
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 140 dBµV ATT 25 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.362000 GHz Stop 2.462000 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

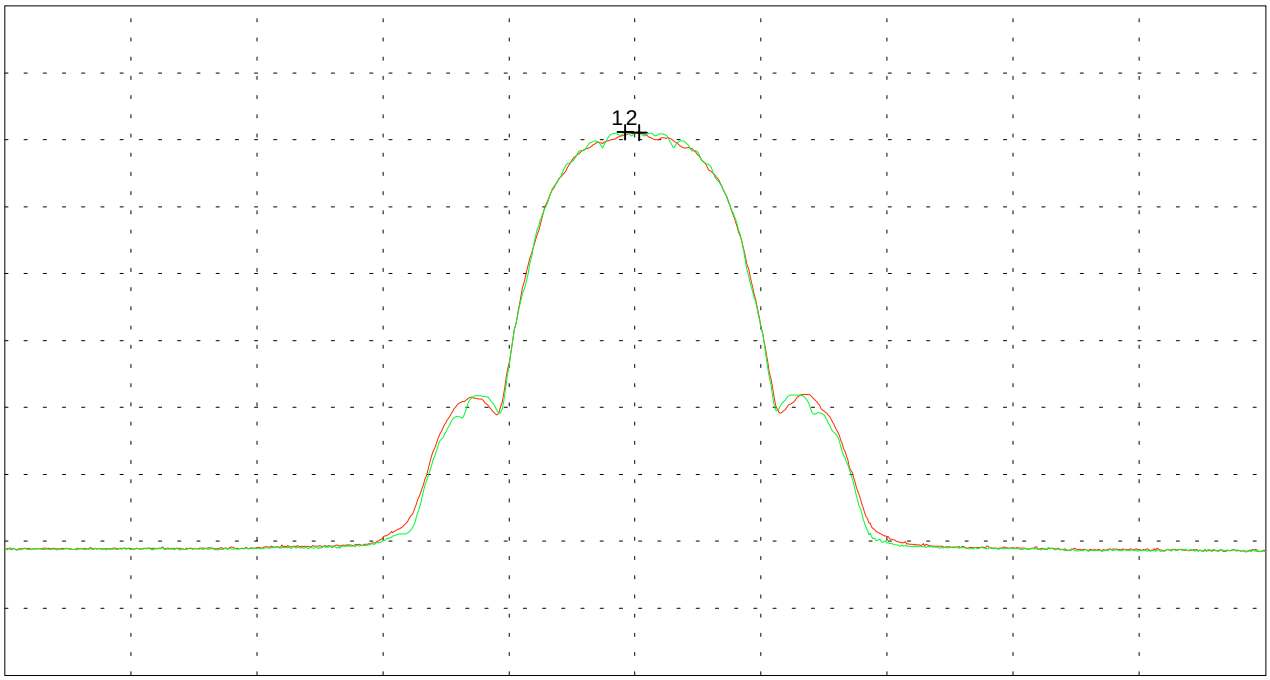
No. 1	2.411889 GHz	116.91 dBµV	(B)
No. 2	2.412667 GHz	117.83 dBµV	(A)

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 76 of 183 Pages

Frequency range (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - TX mode with f = 2.412 GHz Tested on: antenna connector Channel A (red) = with bit rate 11 Mbps Channel B (green) = with bit rate 5.5 Mbps Note: Prescan for radiated emission at band edges (for information only)
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 130 dBµV ATT 25 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.362000 GHz Stop 2.462000 GHz
RBW 1 MHz VBW 1 kHz SWP 300 ms

Multi Marker List

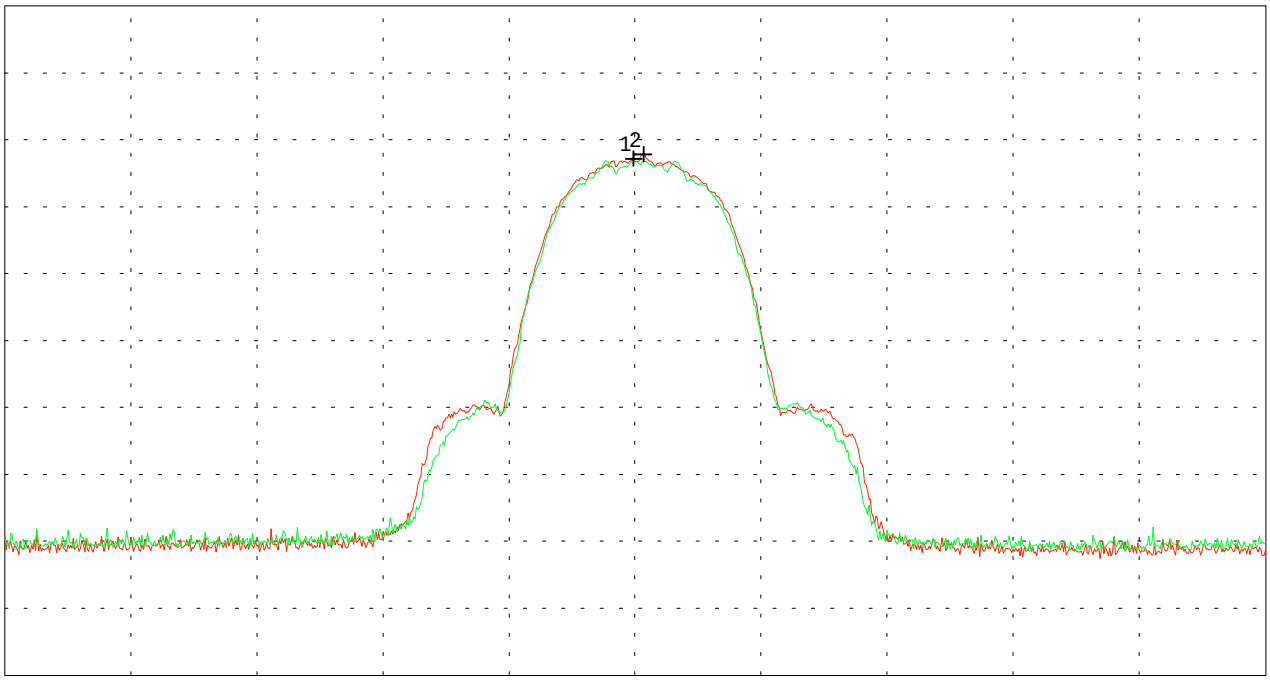
No. 1	2.411222 GHz	111.15 dBµV	(B)
No. 2	2.412333 GHz	111.07 dBµV	(A)

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 77 of 183 Pages

Frequency range (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - TX mode with f = 2.462 GHz Tested on: antenna connector Channel A (red) = with bit rate 11 Mbps Channel B (green) = with bit rate 5.5 Mbps Note: Prescan for radiated emission at band edges (for information only)
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 140 dBµV ATT 25 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.412000 GHz Stop 2.512000 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

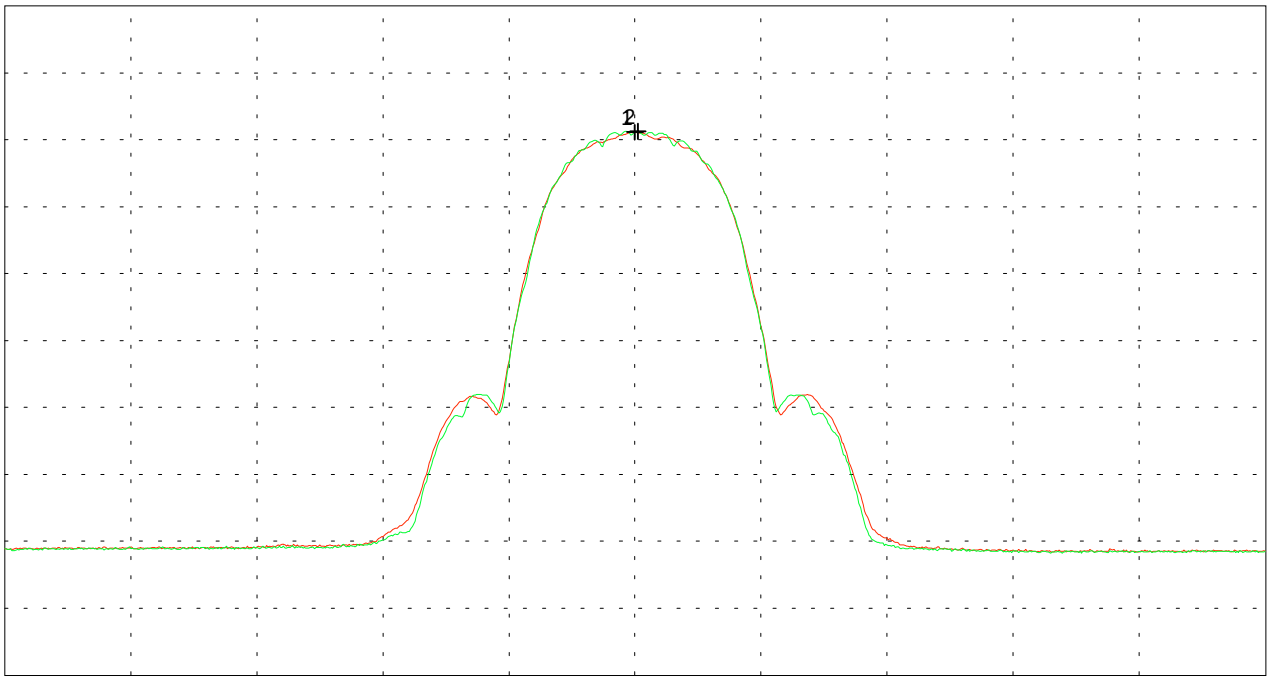
No. 1	2.461889 GHz	117.19 dBµV	(B)
No. 2	2.462667 GHz	117.85 dBµV	(A)

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 78 of 183 Pages

Frequency range (conducted) acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - TX mode with f = 2.462 GHz Tested on: antenna connector Channel A (red) = with bit rate 11 Mbps Channel B (green) = with bit rate 5.5 Mbps Note: Prescan for radiated emission at band edges (for information only)
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 130 dBµV ATT 25 dB Ref. Offset .9 dB
10 dB/Div.



Start 2.412000 GHz Stop 2.512000 GHz
RBW 1 MHz VBW 1 kHz SWP 300 ms

Multi Marker List

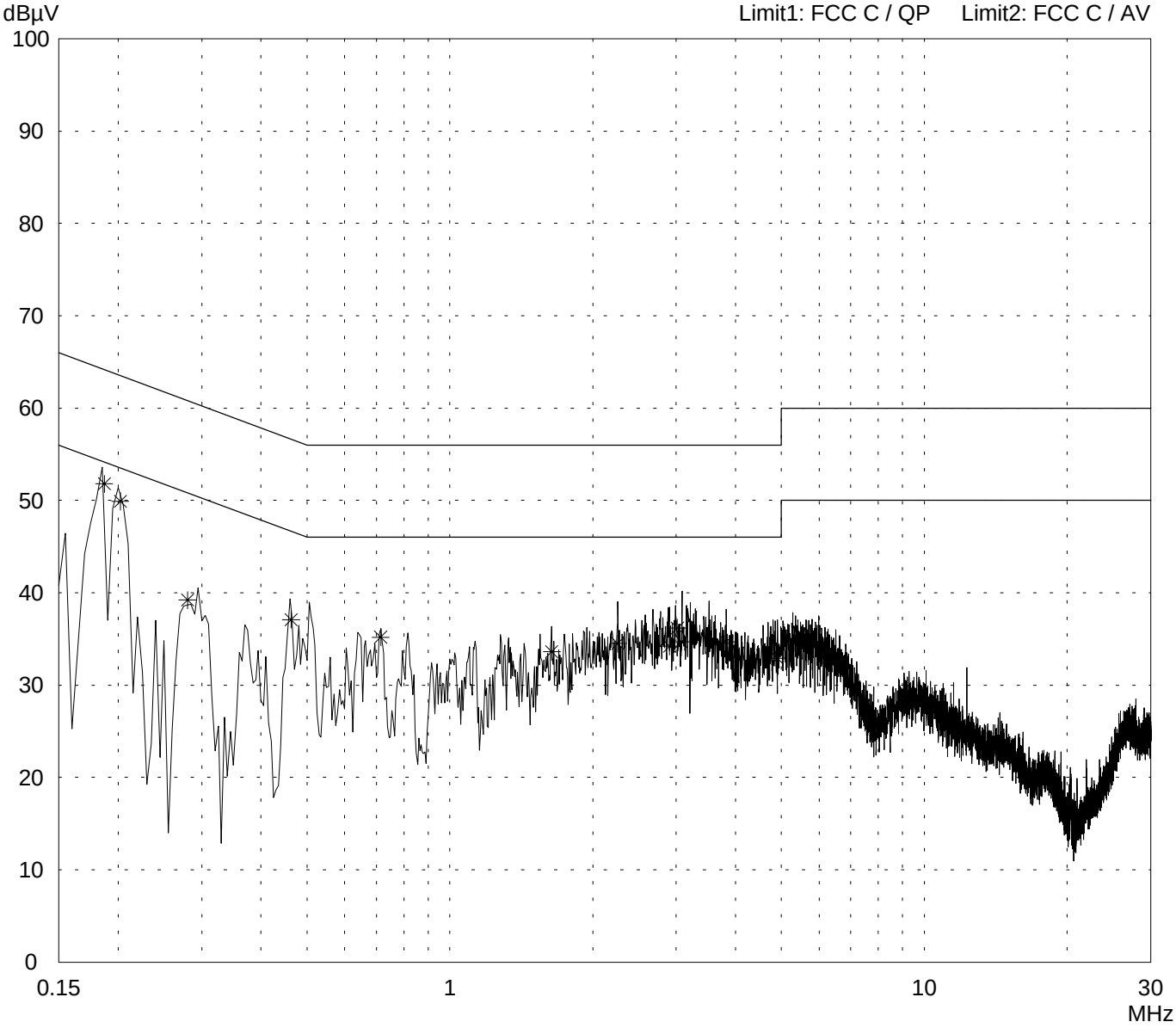
No. 1	2.462000 GHz	111.12 dBµV	(A)
No. 2	2.462222 GHz	111.27 dBµV	(B)

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/16/2002	Page 79 of 183 Pages

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT (notebook) Phase L1	Final results with AV detector: 0.187 MHz: 41.0 dBµV 0.202 MHz: 39.2 dBµV
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak / Final Results: QP	Final results: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Shielded room, cabin no. 2

Tested on:
Linecord EUT (notebook)
Phase L1

Date of test: 09/10/2002

Operator: R. Heller

Test performed: automatically

File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.412 GHz

Final results with AV detector:
0.187 MHz: 41.0 dBµV
0.202 MHz: 39.2 dBµV

Detector:
Peak / Final Results: QP

Final results:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV*	*Limit dBµV*	*Limit exceeded*
0.187	51.8		51.8	64.2	
0.202	49.9		49.9	63.5	
0.280	39.2		39.2	60.8	
0.463	37.1		37.1	56.6	
0.715	35.2		35.2	56.0	
1.640	33.6		33.6	56.0	
2.260	34.5		34.5	56.0	
2.900	34.2		34.2	56.0	
3.017	36.2		36.2	56.0	
3.082	34.7		34.7	56.0	
3.825	34.7		34.7	56.0	
4.905	32.9		32.9	56.0	

Result:
Limit kept

Project file:
56305-20559-1

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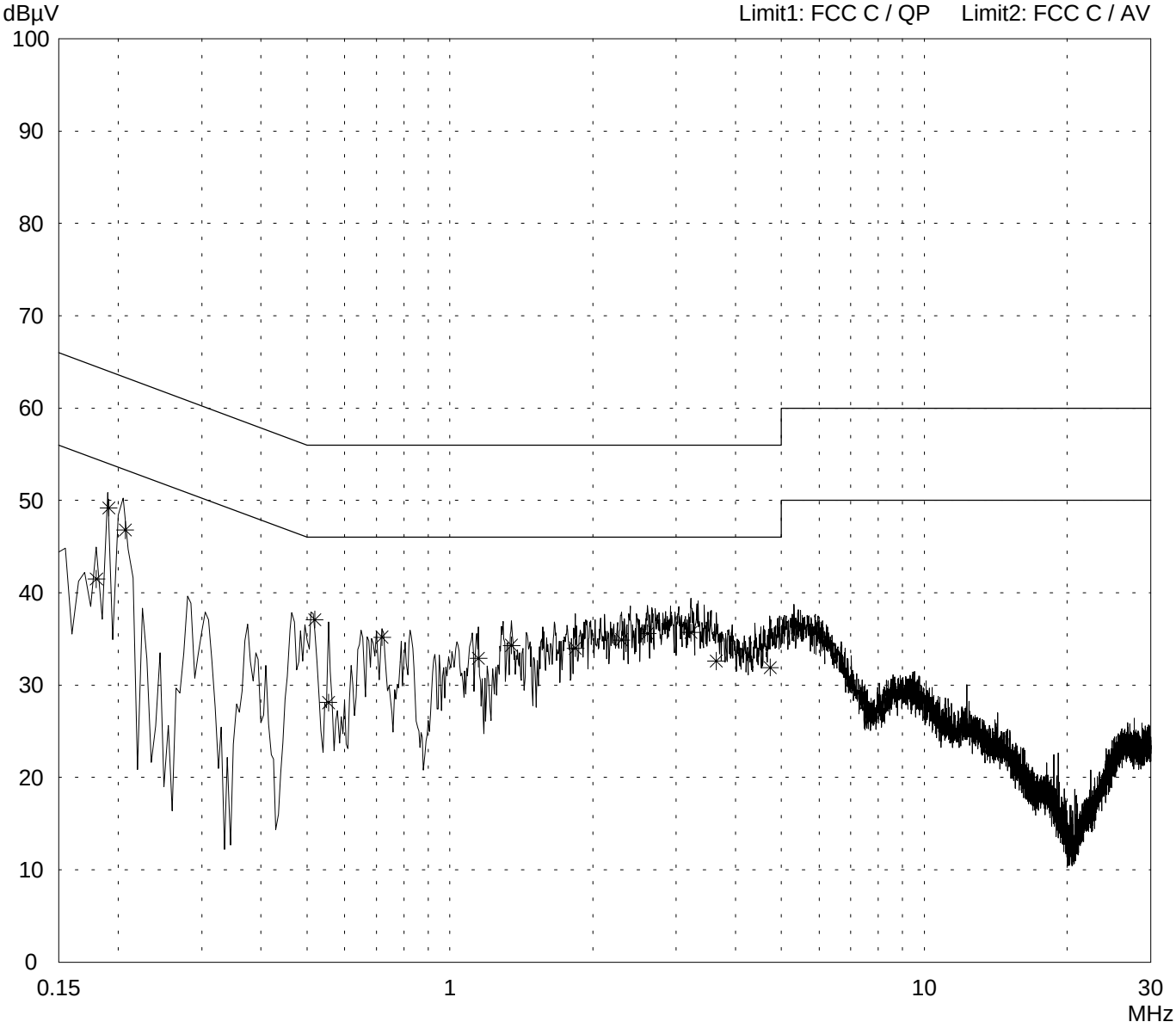
Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT (notebook) Phase N	Final results with AV detector: 0.191 MHz: 38.7 dBµV 0.207 MHz: 36.7 dBµV
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak / Final Results: QP	Final results: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Shielded room, cabin no. 2

Tested on:
Linecord EUT (notebook)
Phase N

Date of test: 09/10/2002

Operator: R. Heller

Test performed: automatically

File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.412 GHz

Final results with AV detector:
0.191 MHz: 38.7 dBµV
0.207 MHz: 36.7 dBµV

Detector:
Peak / Final Results: QP

Final results:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV*	*Limit dBµV*	*Limit exceeded*
0.180	41.5		41.5	64.5	
0.191	49.2		49.2	64.0	
0.207	46.8		46.8	63.3	
0.519	37.1		37.1	56.0	
0.555	28.1		28.1	56.0	
0.720	35.2		35.2	56.0	
1.150	32.9		32.9	56.0	
1.350	34.3		34.3	56.0	
1.840	34.0		34.0	56.0	
2.300	34.9		34.9	56.0	
2.610	35.6		35.6	56.0	
3.220	35.7		35.7	56.0	
3.645	32.6		32.6	56.0	
4.730	31.9		31.9	56.0	

Result:
Limit kept

Project file:
56305-20559-1

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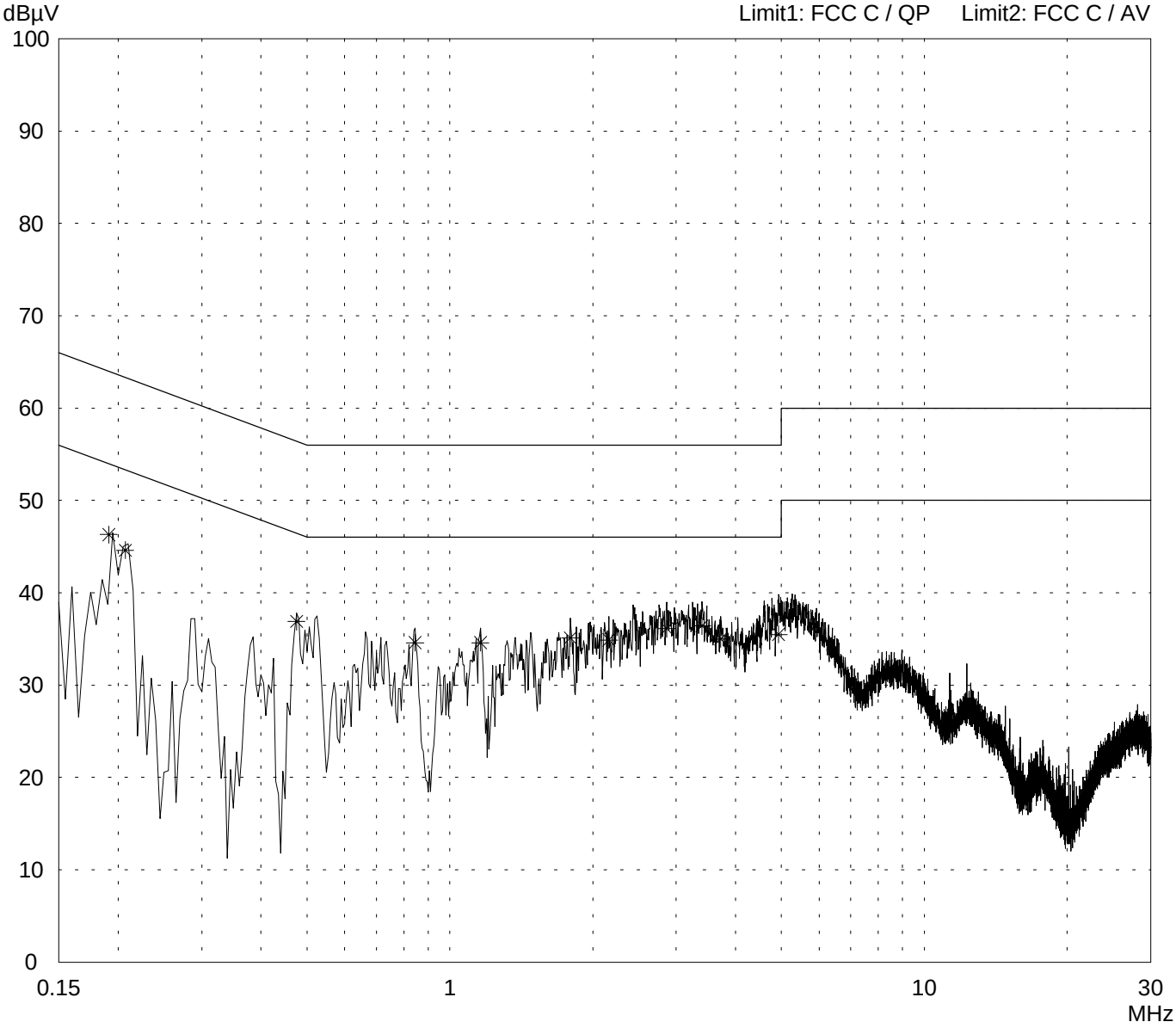
Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Final results with AV detector: 0.191 MHz: 36.8 dBµV 0.207 MHz: 35.4 dBµV
Applicant: Agere Systems Nederland B.V.	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT (notebook) Phase L1	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak / Final Results: QP	Final results: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Shielded room, cabin no. 2

Tested on:
Linecord EUT (notebook)
Phase L1

Date of test: 09/10/2002

Operator: R. Heller

Test performed: automatically

File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.442 GHz

Final results with AV detector:
0.191 MHz: 36.8 dBµV
0.207 MHz: 35.4 dBµV

Detector:
Peak / Final Results: QP

Final results:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV*	*Limit dBµV*	*Limit exceeded*
0.191	46.3		46.3	64.0	
0.207	44.6		44.6	63.3	
0.475	36.9		36.9	56.4	
0.845	34.6		34.6	56.0	
1.160	34.6		34.6	56.0	
1.795	35.1		35.1	56.0	
2.165	34.9		34.9	56.0	
2.865	36.1		36.1	56.0	
3.400	36.4		36.4	56.0	
3.725	35.0		35.0	56.0	
4.930	35.5		35.5	56.0	

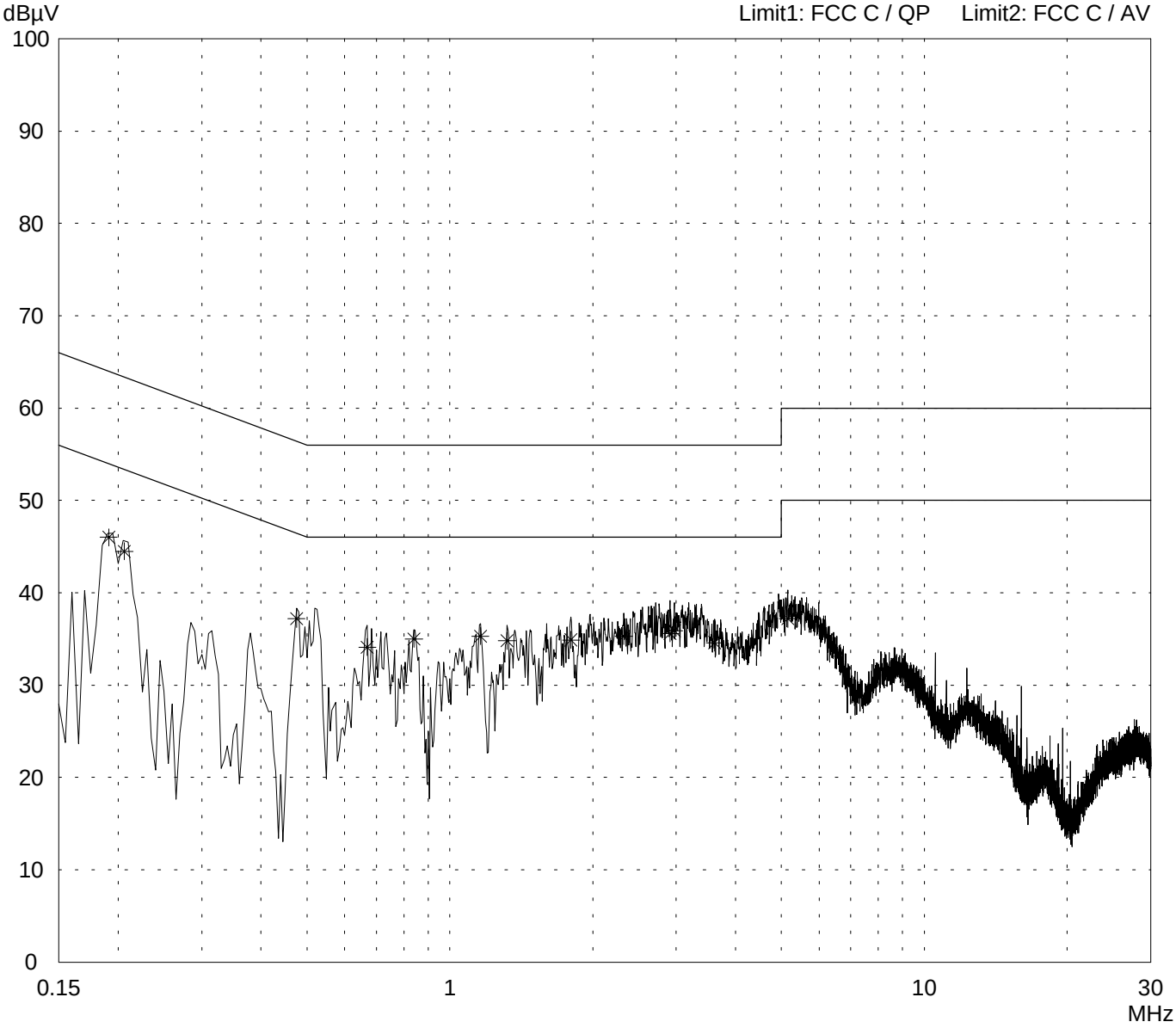
Result:
Limit kept

Project file:
56305-20559-1

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Final results with AV detector: 0.191 MHz: 37.1 dBµV 0.206 MHz: 36.1 dBµV
Applicant: Agere Systems Nederland B.V.	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT (notebook) Phase N	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak / Final Results: QP	Final results: 20 dB Margin 25 Subranges



Result: Limit kept	Project file: 56305-20559-1 Page 86 of 183 Pages

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Shielded room, cabin no. 2

Tested on:
Linecord EUT (notebook)
Phase N

Date of test: 09/10/2002
Operator: R. Heller

Test performed: automatically
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.442 GHz

Final results with AV detector:
0.191 MHz: 37.1 dBµV
0.206 MHz: 36.1 dBµV

Detector:
Peak / Final Results: QP

Final results:
20 dB Margin 25 Subranges

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV*	*Limit dBµV*	*Limit exceeded*
0.191	46.0		46.0	64.0	
0.206	44.5		44.5	63.4	
0.475	37.2		37.2	56.4	
0.670	34.1		34.1	56.0	
0.840	35.0		35.0	56.0	
1.160	35.3		35.3	56.0	
1.320	34.8		34.8	56.0	
1.800	34.9		34.9	56.0	
2.325	35.3		35.3	56.0	
2.910	35.6		35.6	56.0	
2.970	35.9		35.9	56.0	
3.615	34.6		34.6	56.0	
5.155	37.2		37.2	60.0	

Result:
Limit kept

Project file:
56305-20559-1

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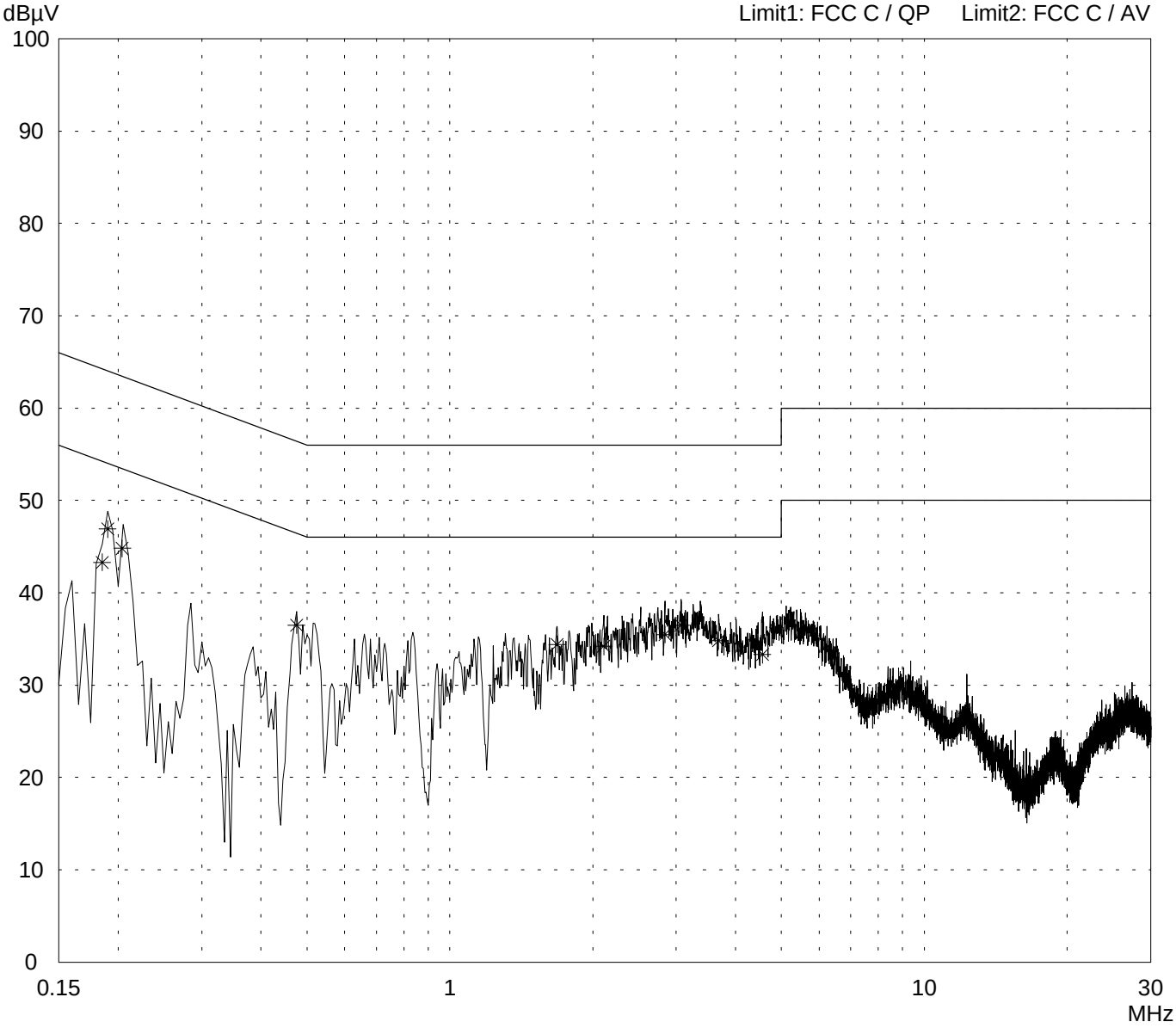
Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Final results with AV detector: 0.191 MHz: 36.4 dBµV 0.204 MHz: 36.2 dBµV
Applicant: Agere Systems Nederland B.V.	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT (notebook) Phase L1	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak / Final Results: QP	Final results: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Shielded room, cabin no. 2

Tested on:
Linecord EUT (notebook)
Phase L1

Date of test: 09/10/2002

Operator: R. Heller

Test performed: automatically

File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.462 GHz

Final results with AV detector:
0.191 MHz: 36.4 dBµV
0.204 MHz: 36.2 dBµV

Detector:
Peak / Final Results: QP

Final results:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV*	*Limit dBµV*	*Limit exceeded*
0.185	43.3		43.3	64.3	
0.190	46.9		46.9	64.0	
0.204	44.8		44.8	63.4	
0.475	36.5		36.5	56.4	
1.685	34.4		34.4	56.0	
2.110	34.2		34.2	56.0	
2.840	35.5		35.5	56.0	
3.070	36.5		36.5	56.0	
3.685	34.8		34.8	56.0	
4.555	33.3		33.3	56.0	

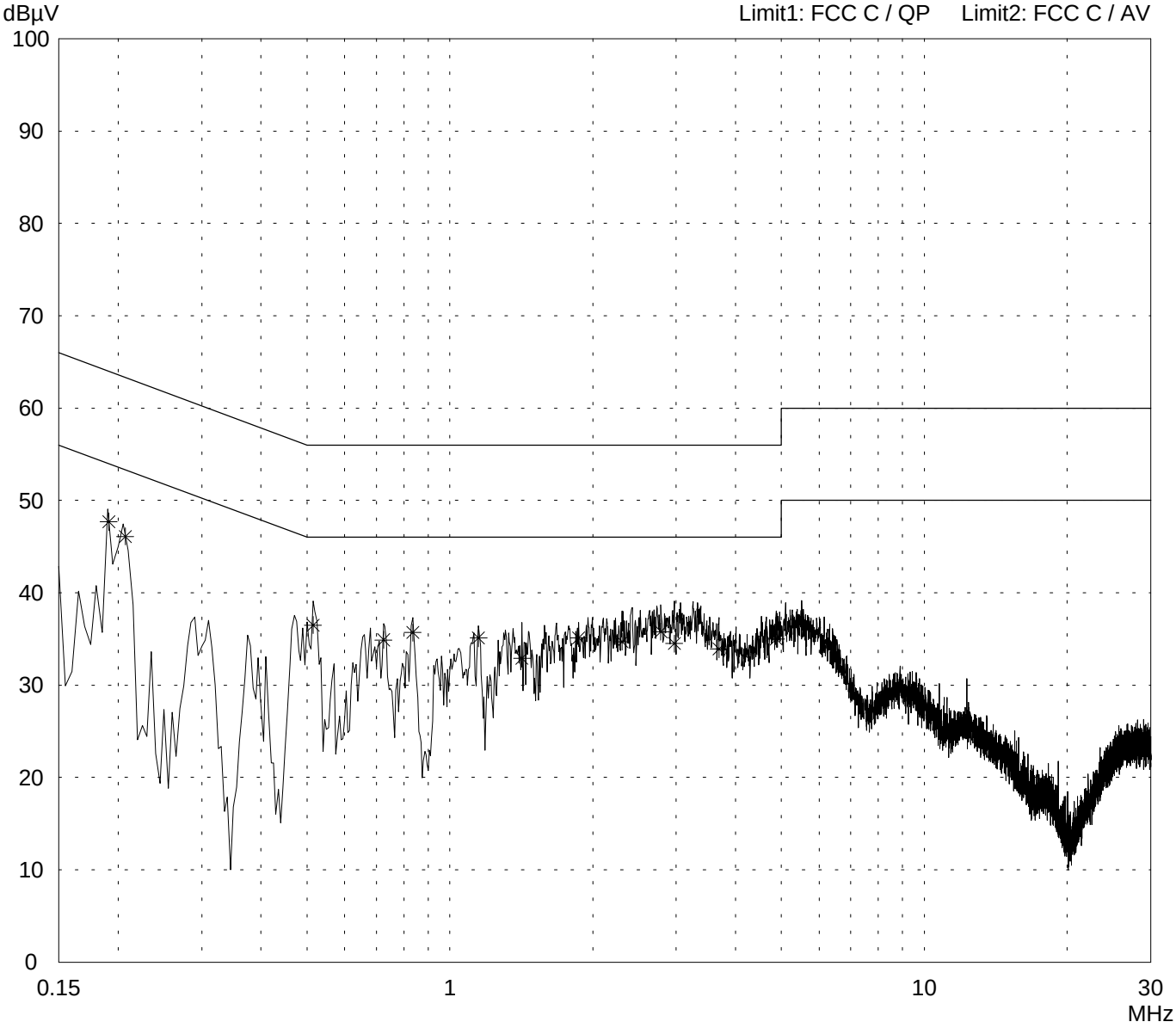
Result:
Limit kept

Project file:
56305-20559-1

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT (notebook) Phase N	Final results with AV detector: 0.191 MHz: 37.7 dBµV 0.207 MHz: 36.3 dBµV
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak / Final Results: QP	Final results: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Shielded room, cabin no. 2

Tested on:
Linecord EUT (notebook)
Phase N

Date of test: 09/10/2002

Operator: R. Heller

Test performed: automatically

File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.462 GHz

Final results with AV detector:
0.191 MHz: 37.7 dBµV
0.207 MHz: 36.3 dBµV

Detector:
Peak / Final Results: QP

Final results:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV*	*Limit dBµV*	*Limit exceeded*
0.191	47.7		47.7	64.0	
0.207	46.1		46.1	63.3	
0.515	36.5		36.5	56.0	
0.725	34.9		34.9	56.0	
0.835	35.7		35.7	56.0	
1.150	35.1		35.1	56.0	
1.420	32.9		32.9	56.0	
1.870	35.1		35.1	56.0	
2.305	34.7		34.7	56.0	
2.785	35.8		35.8	56.0	
2.970	34.5		34.5	56.0	
3.690	33.9		33.9	56.0	
4.870	35.0		35.0	56.0	

Result:
Limit kept

Project file:
56305-20559-1

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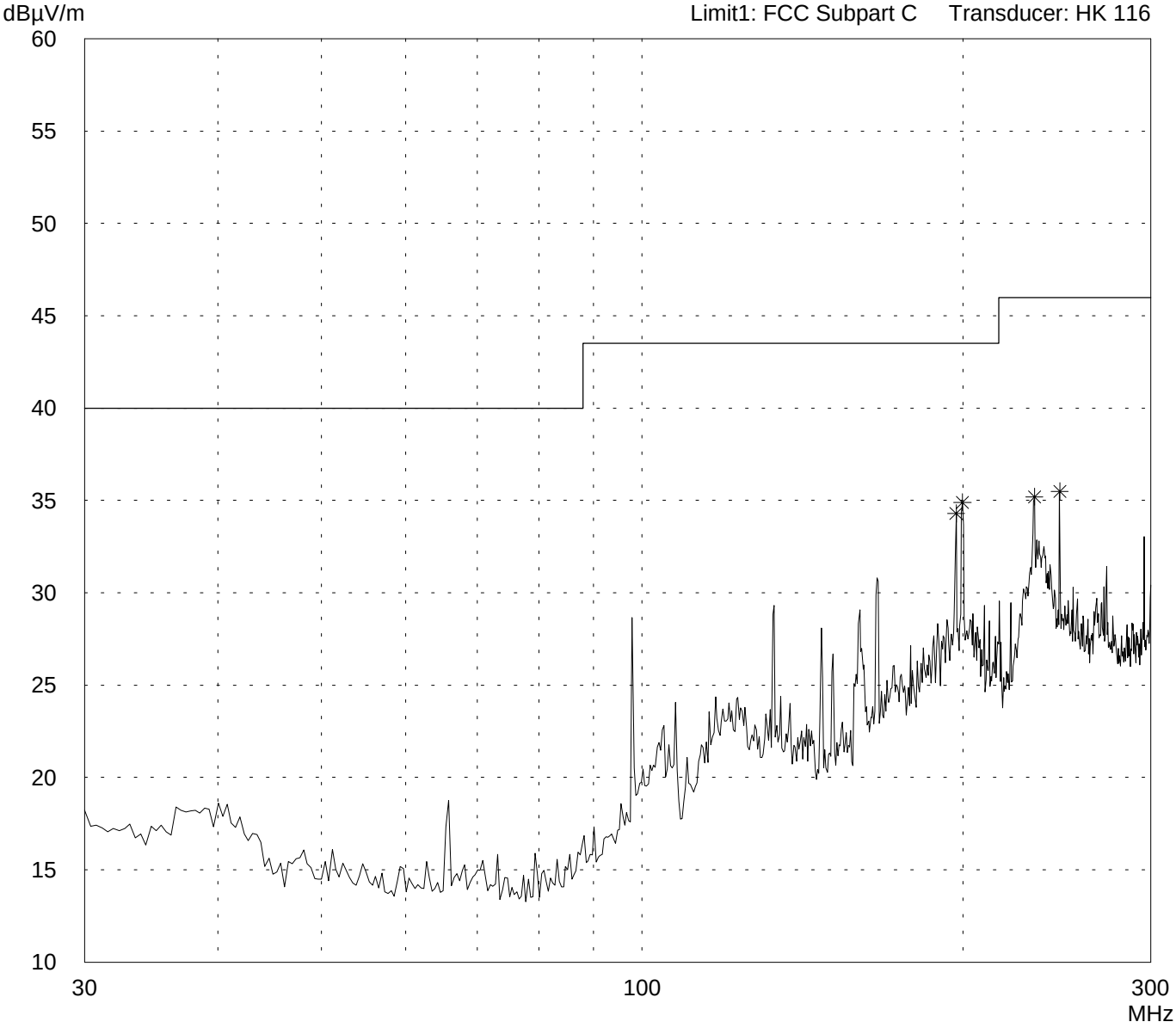
Radiated Emission Test 30 MHz - 300 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	
Detector: Peak	List of values: Selected by hand

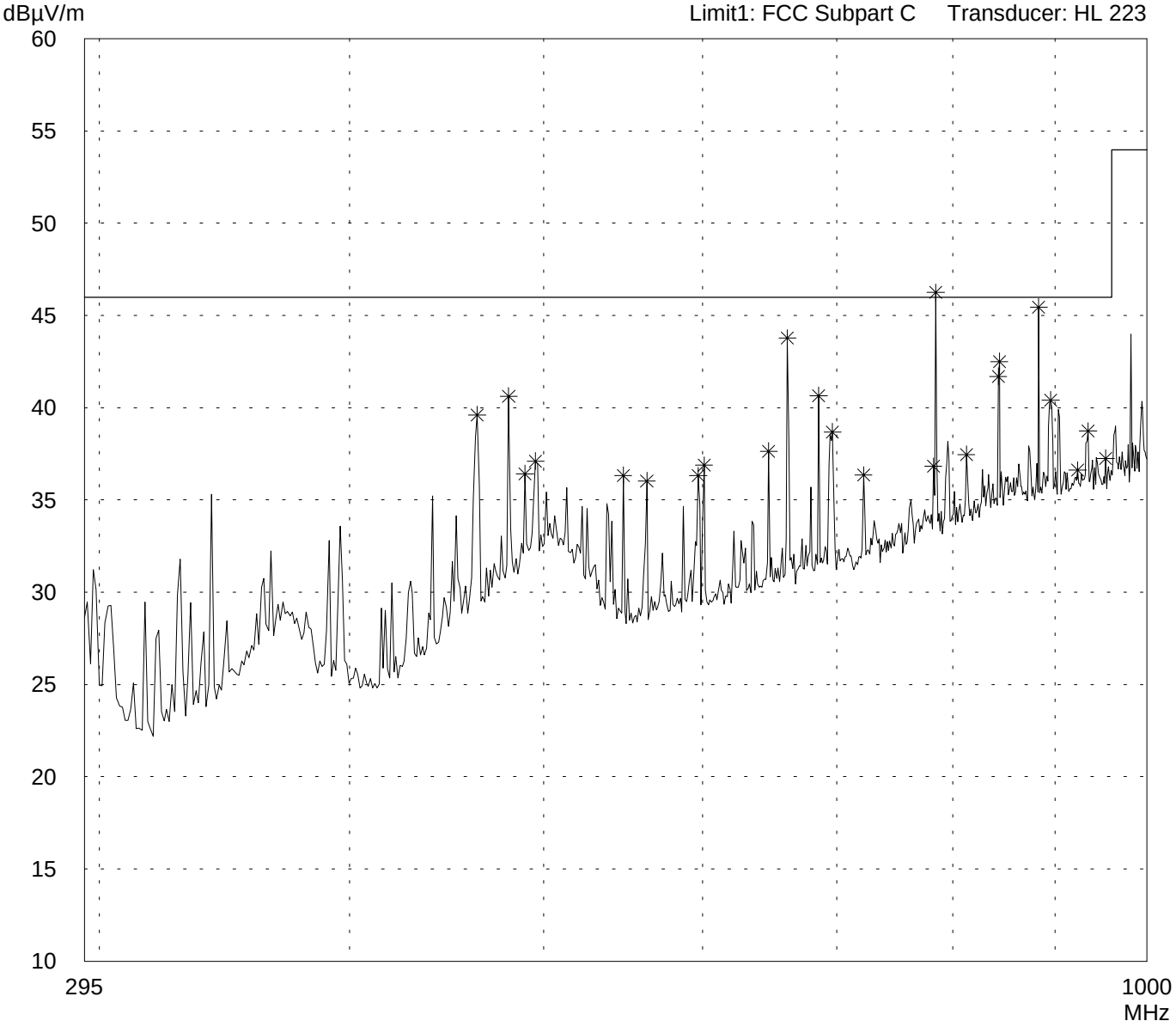


Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 295 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak	List of values: 10 dB Margin / 50 Subranges



Result: Prescan	Project file: 56305-20559-1

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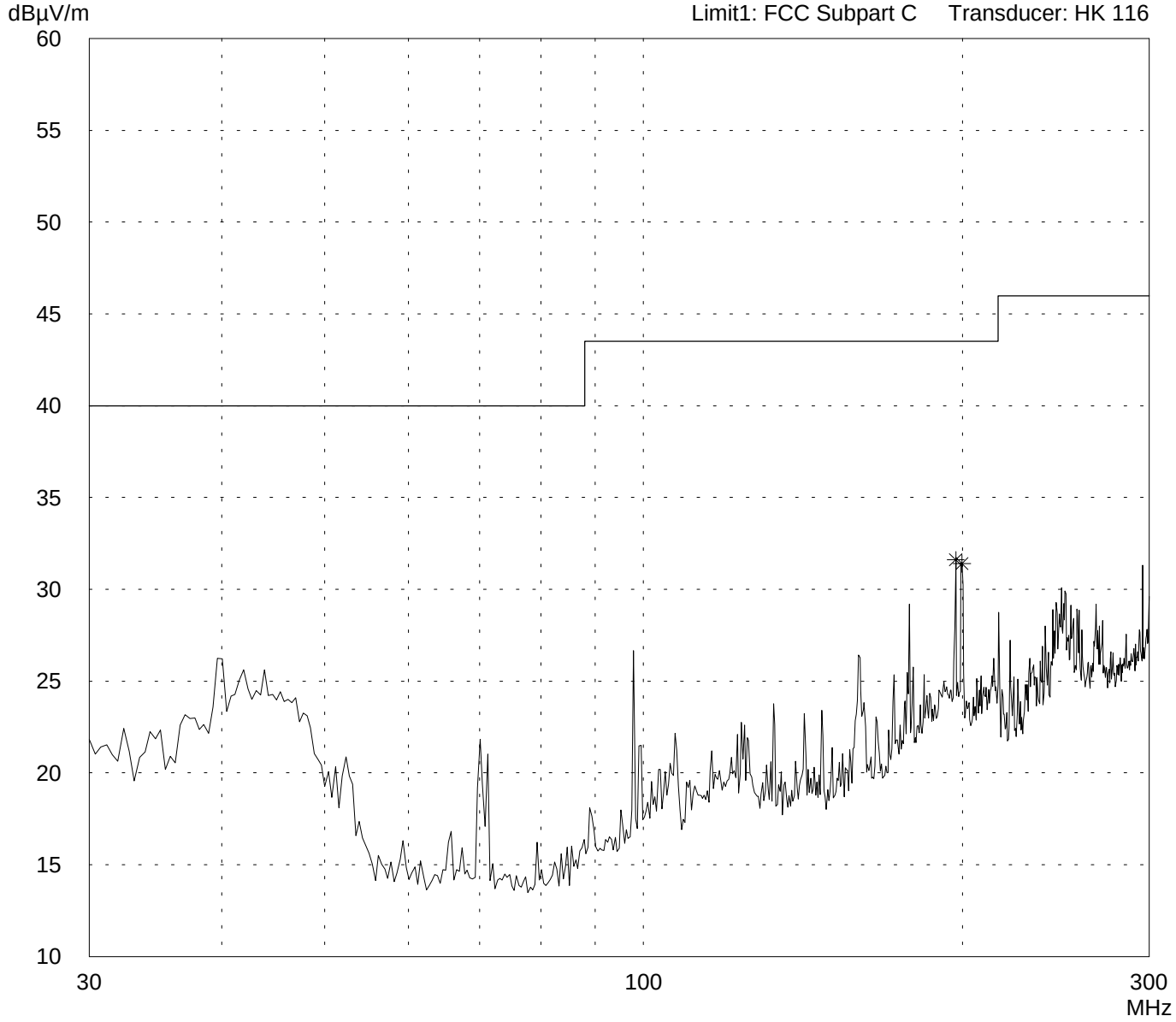
Radiated Emission Test 30 MHz - 300 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	
Detector: Peak	List of values: Selected by hand

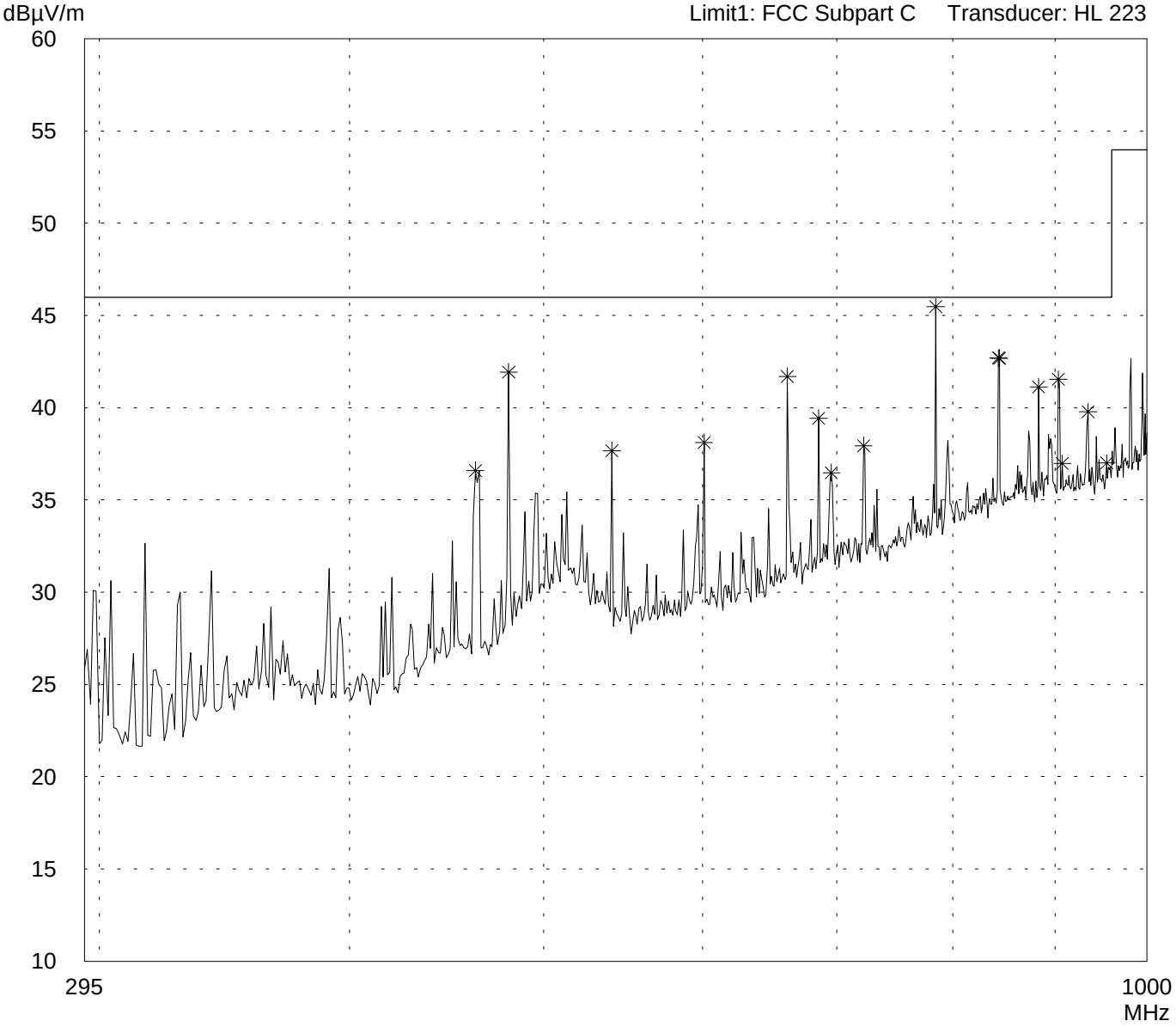


Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 295 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak	List of values: 10 dB Margin / 50 Subranges

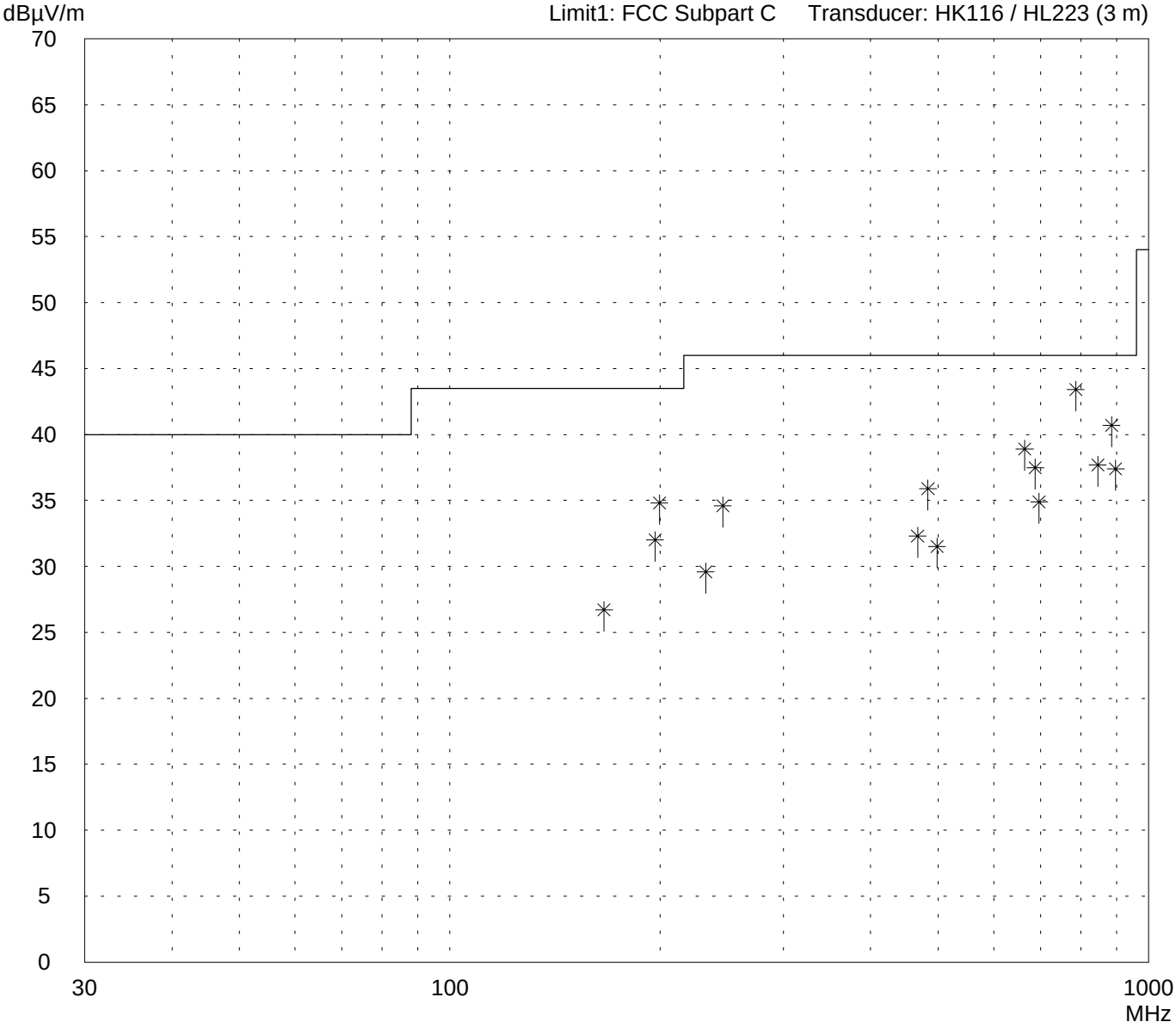


Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Open area test-site I	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/11/2002 / Operator: R. Heller	
Test performed: by hand / File name:	

Detector: Quasi-Peak	List of values: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

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Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Open area test-site I

Tested on:
Test distance 3 meters
Horizontal Polarization

Date of test: 09/11/2002
Operator: R. Heller

Test performed: by hand
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved
- display switched off

- operating with bit rate 11 Mbps

- TX mode with f = 2.412 GHz

Detector:
Quasi-Peak

List of values:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV/m*	*Limit dBµV/m*	*Limit exceeded*
166.20	9.5	17.2	26.7	43.5	
196.61	12.7	19.3	32.0	43.5	
199.37	15.3	19.5	34.8	43.5	
232.28	9.5	20.1	29.6	46.0	
245.77	14.2	20.4	34.6	46.0	
466.95	8.0	24.3	32.3	46.0	
483.31	11.2	24.7	35.9	46.0	
497.82	6.5	25.0	31.5	46.0	
664.65	8.7	30.2	38.9	46.0	
688.16	6.4	31.1	37.5	46.0	
696.88	3.5	31.4	34.9	46.0	
786.46	10.8	32.6	43.4	46.0	
845.84	3.8	33.9	37.7	46.0	
884.77	6.4	34.3	40.7	46.0	
897.03	3.0	34.4	37.4	46.0	

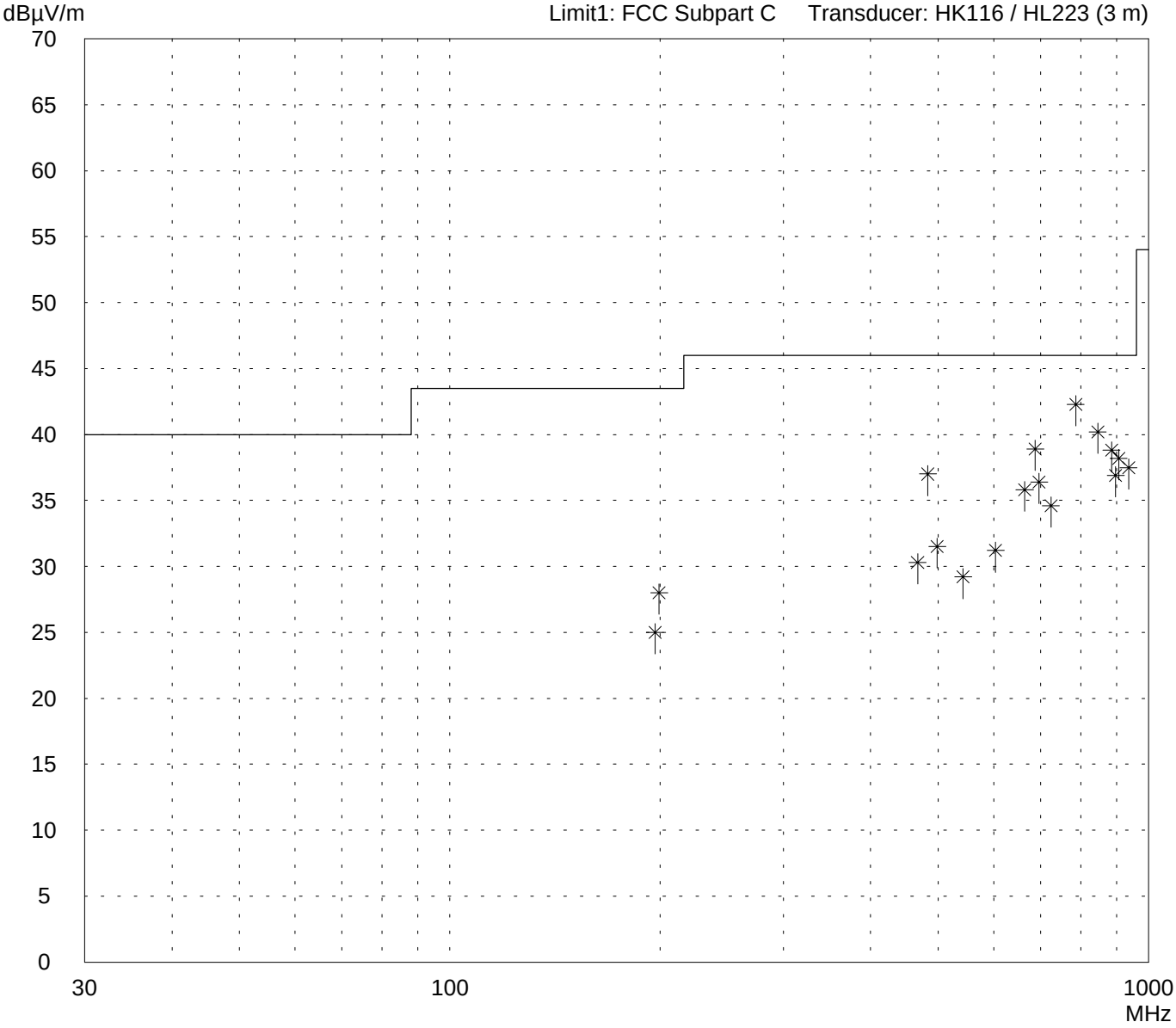
Result:
Limit kept

Project file:
56305-20559-1

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Open area test-site I	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/11/2002 / Operator: R. Heller	
Test performed: by hand / File name:	

Detector: Quasi-Peak	List of values: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Open area test-site I

Tested on:
Test distance 3 meters
Vertical Polarization

Date of test: 09/11/2002
Operator: R. Heller

Test performed: by hand
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved
- display switched off

- operating with bit rate 11 Mbps

- TX mode with f = 2.412 GHz

Detector:
Quasi-Peak

List of values:
Selected by hand

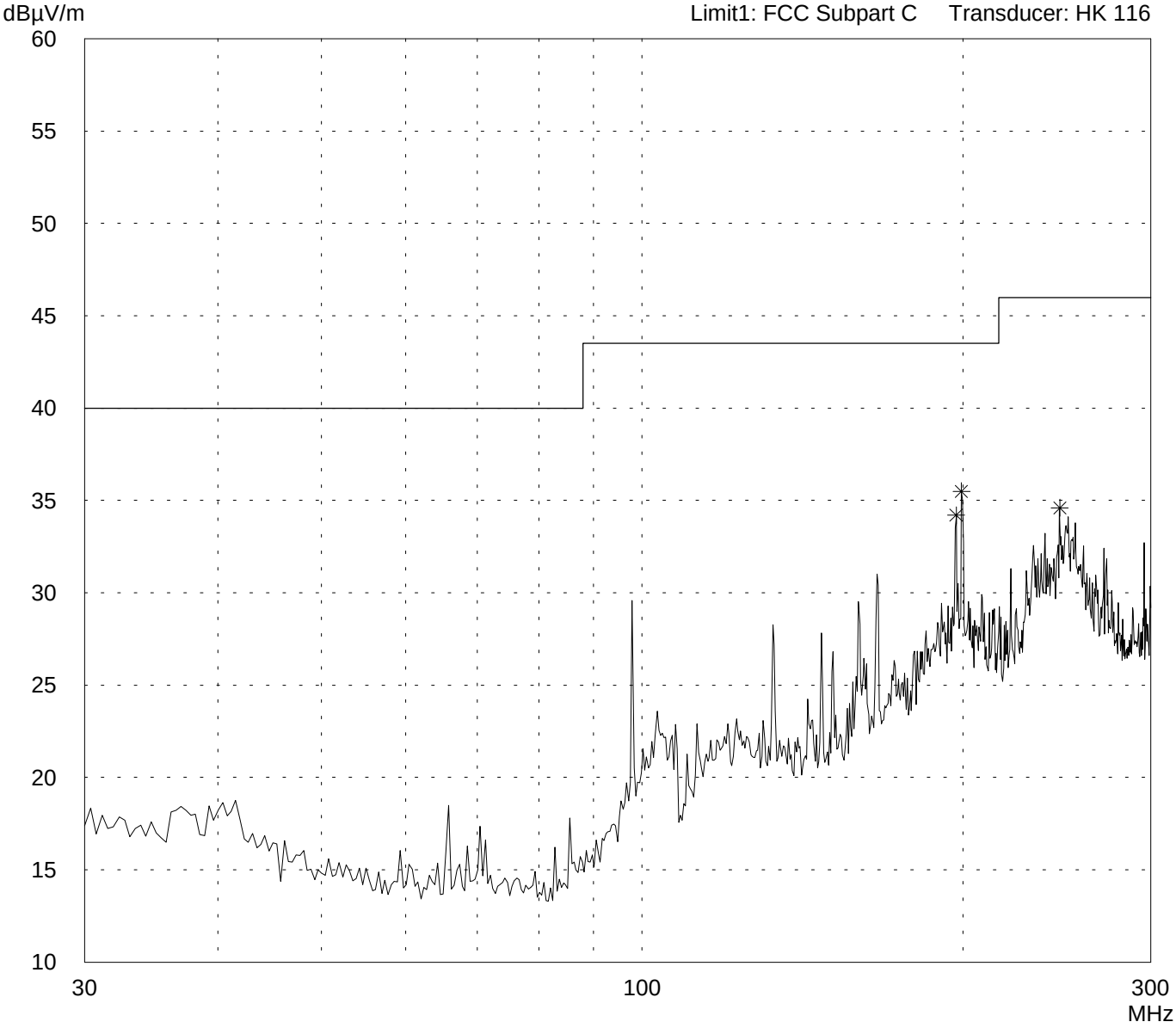
Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV/m*	*Limit dBµV/m*	*Limit exceeded*
196.61	5.7	19.3	25.0	43.5	
199.29	8.5	19.5	28.0	43.5	
466.95	6.0	24.3	30.3	46.0	
483.15	12.3	24.7	37.0	46.0	
498.33	6.5	25.0	31.5	46.0	
542.85	3.0	26.2	29.2	46.0	
603.87	3.0	28.2	31.2	46.0	
664.65	5.6	30.2	35.8	46.0	
688.16	7.8	31.1	38.9	46.0	
696.88	5.0	31.4	36.4	46.0	
724.68	2.9	31.7	34.6	46.0	
786.46	9.7	32.6	42.3	46.0	
845.38	6.3	33.9	40.2	46.0	
884.77	4.5	34.3	38.8	46.0	
897.03	2.5	34.4	36.9	46.0	
905.90	3.8	34.4	38.2	46.0	
936.00	3.0	34.5	37.5	46.0	

Result:
Limit kept

Project file:
56305-20559-1

Radiated Emission Test 30 MHz - 300 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	
Detector: Peak	List of values: Selected by hand

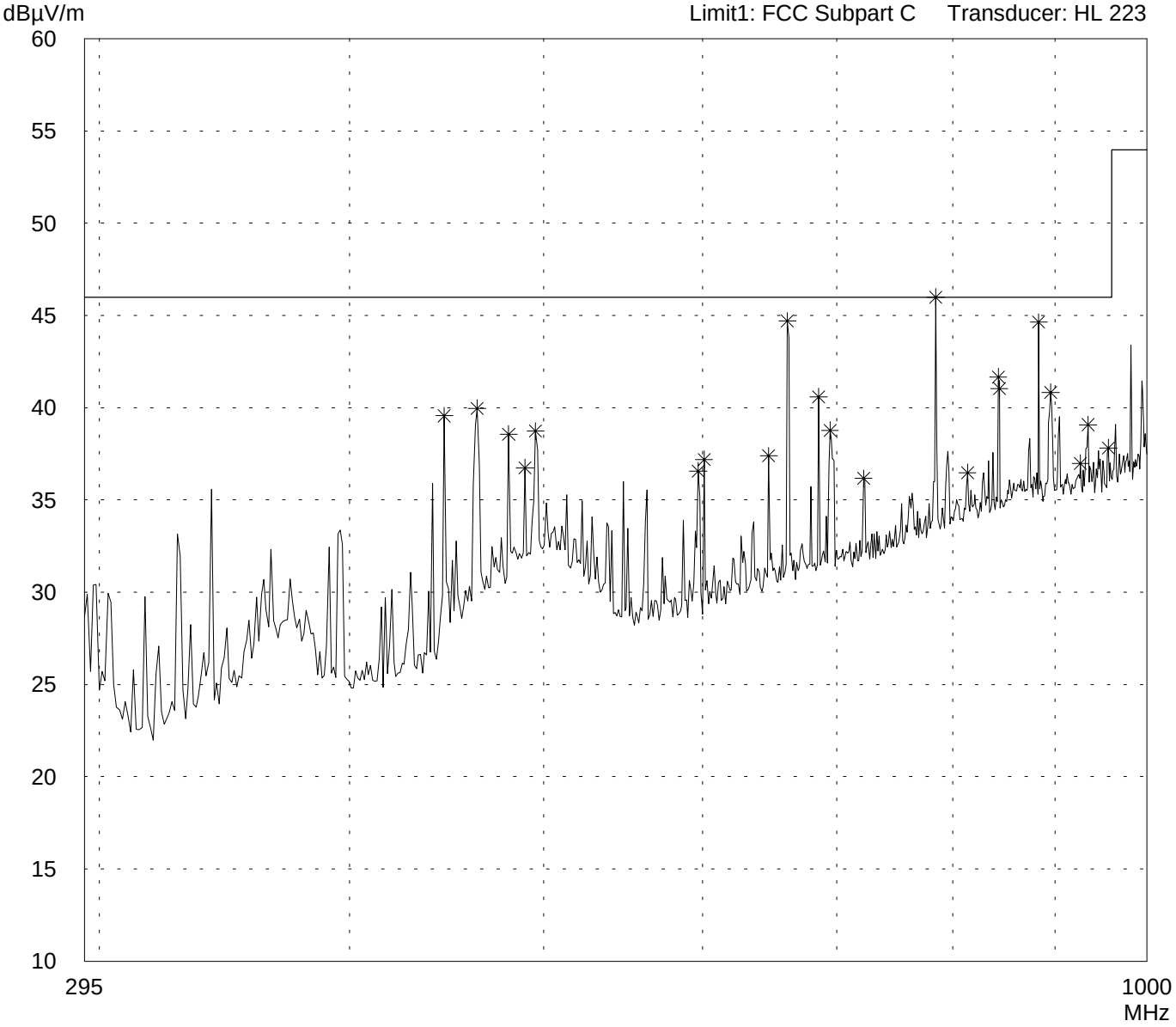


Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 295 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

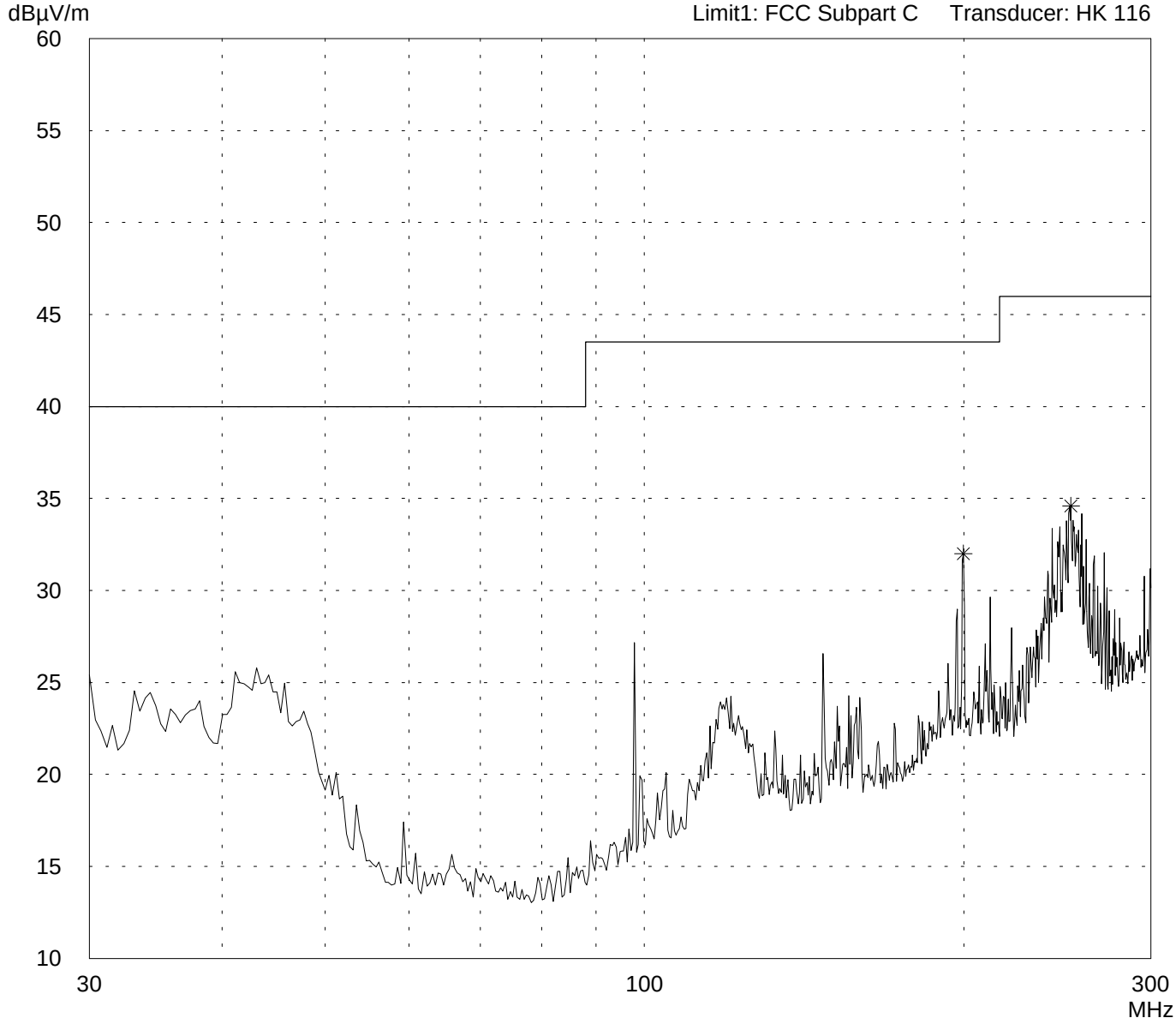
Detector: Peak	List of values: 10 dB Margin / 50 Subranges



Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 30 MHz - 300 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	
Detector: Peak	List of values: Selected by hand

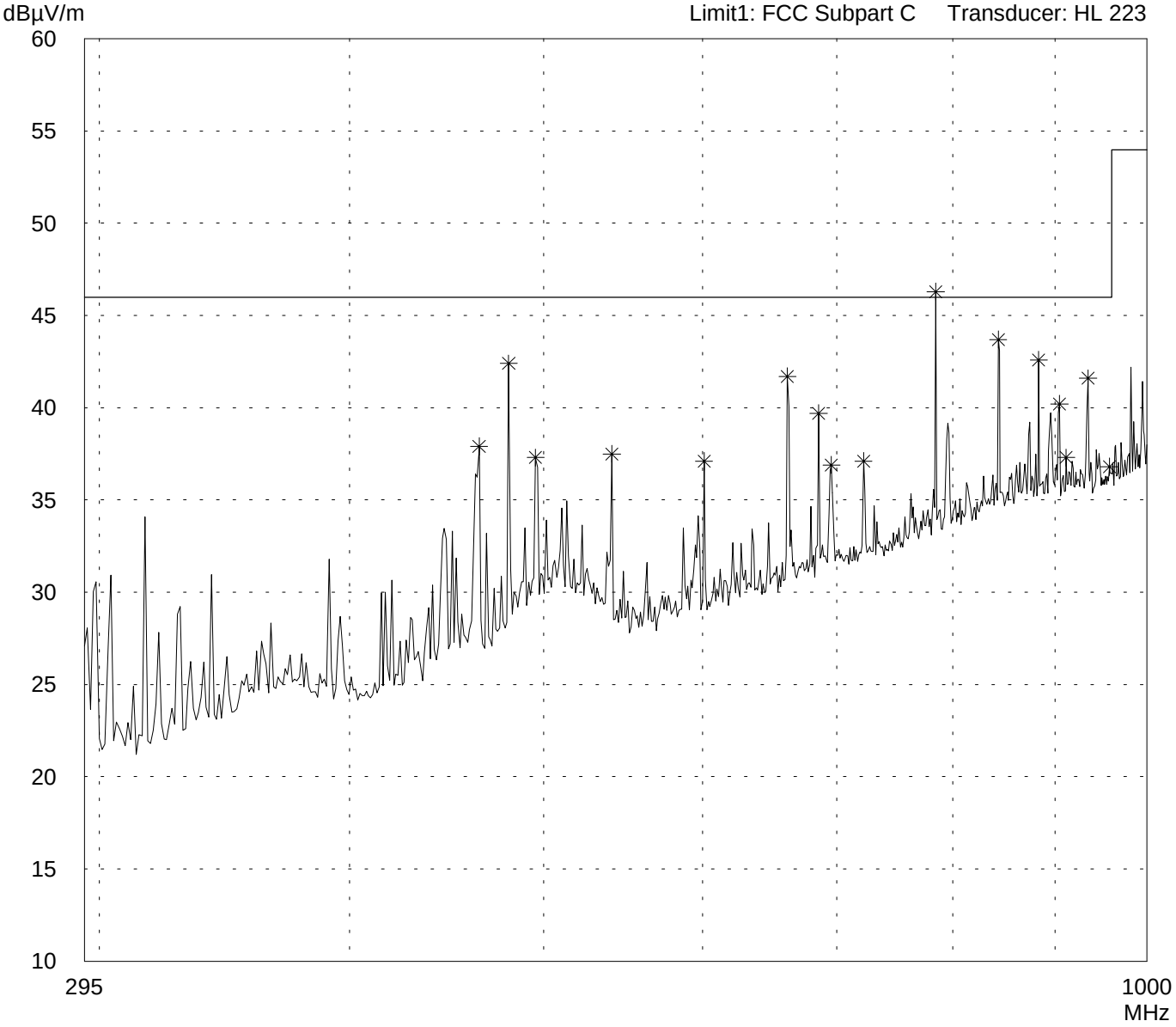


Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 295 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak	List of values: Selected by hand



Result: Prescan	Project file: 56305-20559-1

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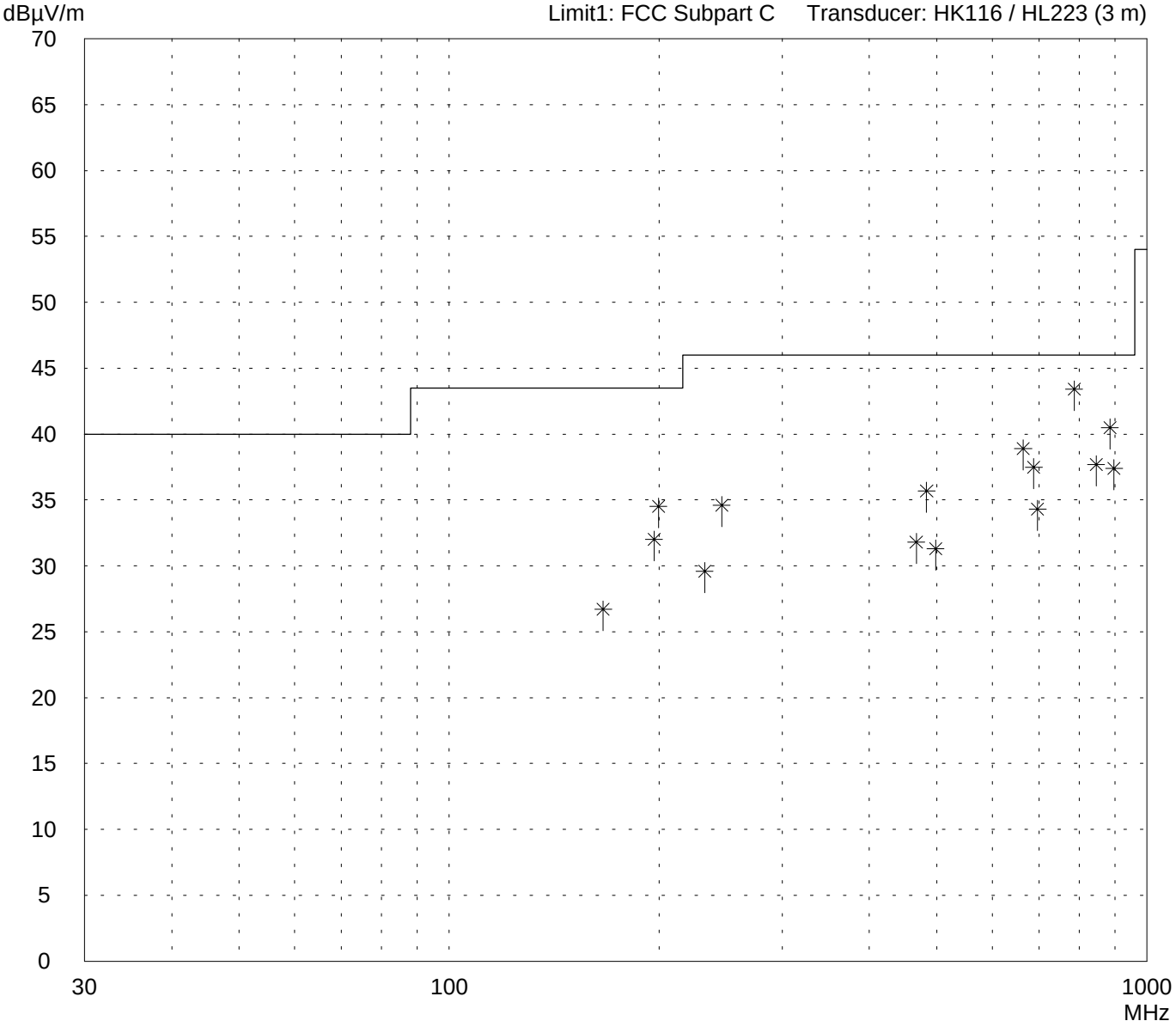
Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Open area test-site I	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/11/2002 / Operator: R. Heller	
Test performed: by hand / File name:	

Detector: Quasi-Peak	List of values: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Open area test-site I

Tested on:
Test distance 3 meters
Horizontal Polarization

Date of test: 09/11/2002
Operator: R. Heller

Test performed: by hand
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved
- display switched off

- operating with bit rate 11 Mbps

- TX mode with f = 2.442 GHz

Detector:
Quasi-Peak

List of values:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV/m*	*Limit dBµV/m*	*Limit exceeded*
166.20	9.5	17.2	26.7	43.5	
196.61	12.7	19.3	32.0	43.5	
199.37	15.0	19.5	34.5	43.5	
232.28	9.5	20.1	29.6	46.0	
245.77	14.2	20.4	34.6	46.0	
466.95	7.5	24.3	31.8	46.0	
483.31	11.0	24.7	35.7	46.0	
497.82	6.3	25.0	31.3	46.0	
664.65	8.7	30.2	38.9	46.0	
688.16	6.4	31.1	37.5	46.0	
696.88	2.9	31.4	34.3	46.0	
786.46	10.8	32.6	43.4	46.0	
845.84	3.8	33.9	37.7	46.0	
884.77	6.2	34.3	40.5	46.0	
897.03	3.0	34.4	37.4	46.0	

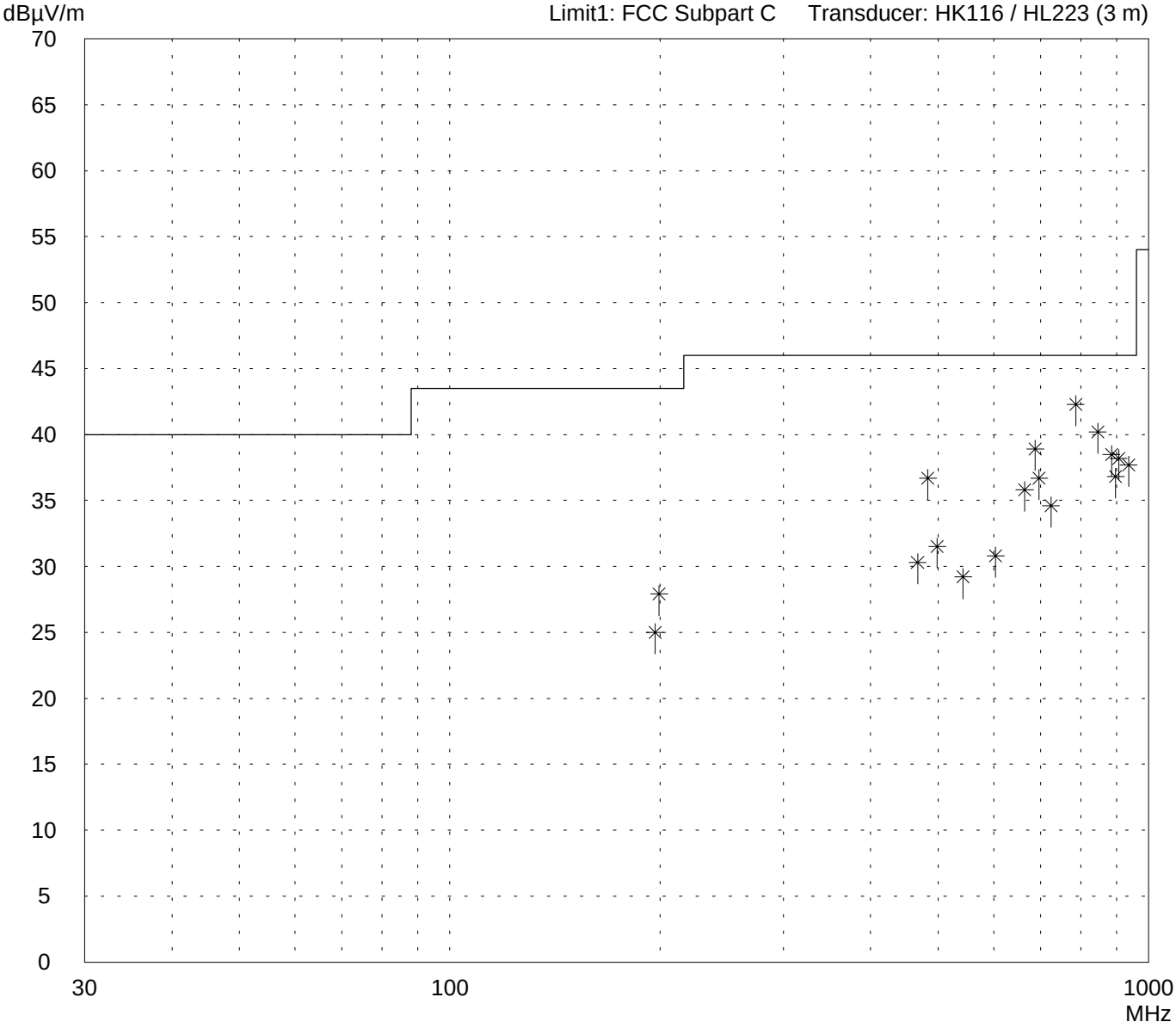
Result:
Limit kept

Project file:
56305-20559-1

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Open area test-site I	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/11/2002 / Operator: R. Heller	
Test performed: by hand / File name:	

Detector: Quasi-Peak	List of values: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Open area test-site I

Tested on:
Test distance 3 meters
Vertical Polarization

Date of test: 09/11/2002
Operator: R. Heller

Test performed: by hand
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved
- display switched off

- operating with bit rate 11 Mbps

- TX mode with f = 2.442 GHz

Detector:
Quasi-Peak

List of values:
Selected by hand

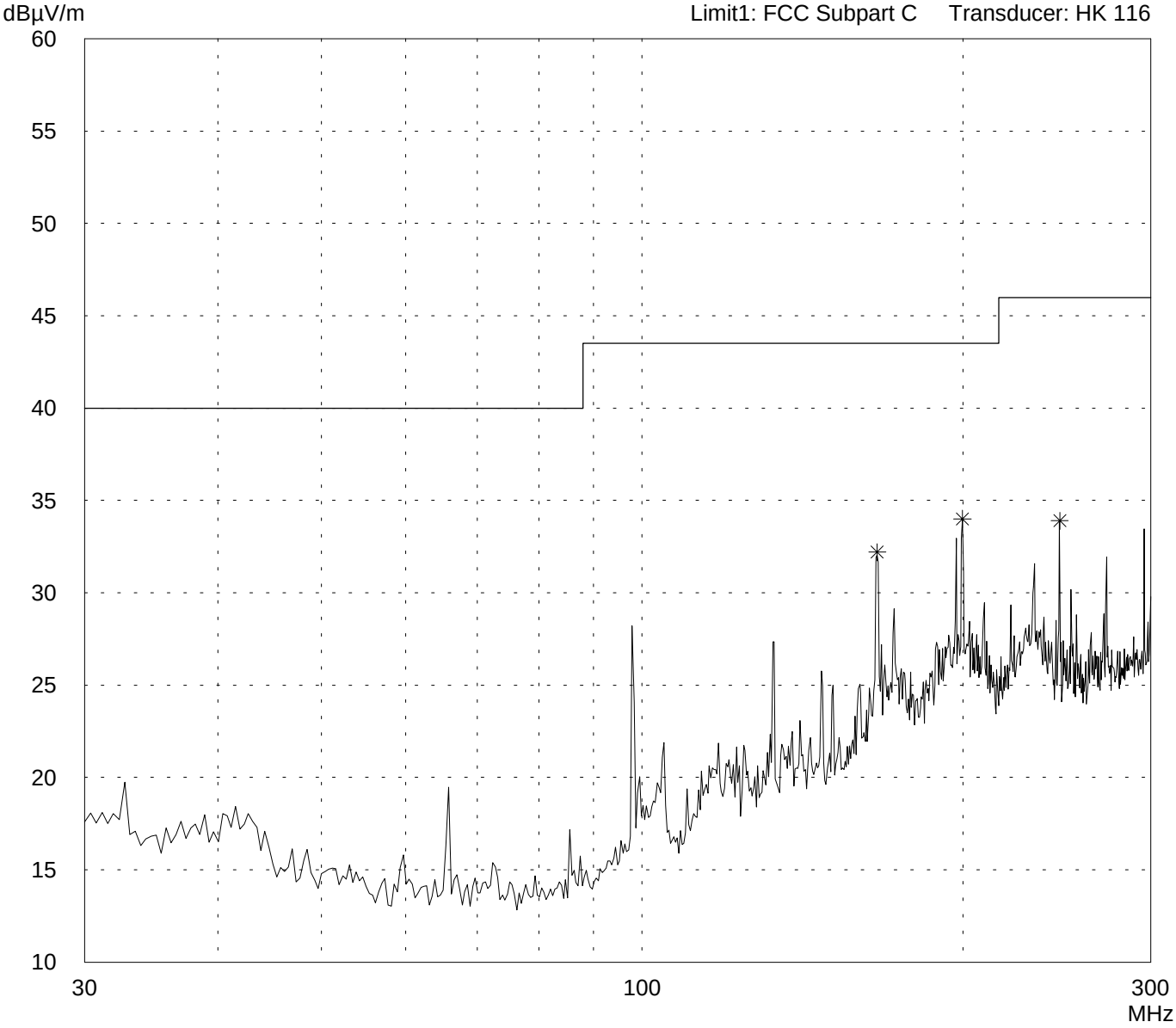
Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV/m*	*Limit dBµV/m*	*Limit exceeded*
196.61	5.7	19.3	25.0	43.5	
199.29	8.4	19.5	27.9	43.5	
466.95	6.0	24.3	30.3	46.0	
483.15	12.0	24.7	36.7	46.0	
498.33	6.5	25.0	31.5	46.0	
542.85	3.0	26.2	29.2	46.0	
603.87	2.6	28.2	30.8	46.0	
664.65	5.6	30.2	35.8	46.0	
688.16	7.8	31.1	38.9	46.0	
696.88	5.3	31.4	36.7	46.0	
724.68	2.9	31.7	34.6	46.0	
786.46	9.7	32.6	42.3	46.0	
845.38	6.3	33.9	40.2	46.0	
884.77	4.2	34.3	38.5	46.0	
897.03	2.4	34.4	36.8	46.0	
905.90	3.8	34.4	38.2	46.0	
936.00	3.2	34.5	37.7	46.0	

Result:
Limit kept

Project file:
56305-20559-1

Radiated Emission Test 30 MHz - 300 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	
Detector: Peak	List of values: Selected by hand

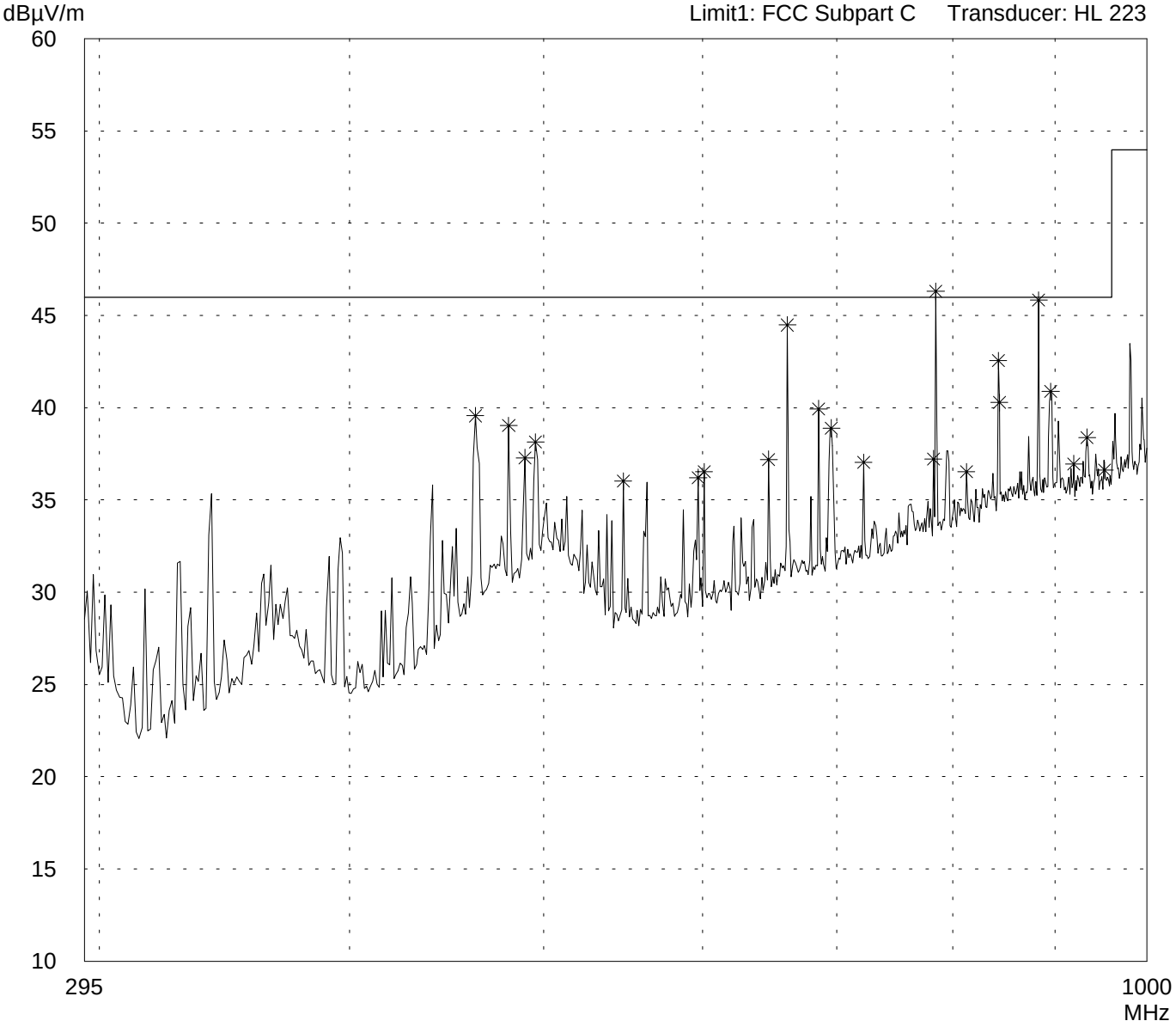


Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 295 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

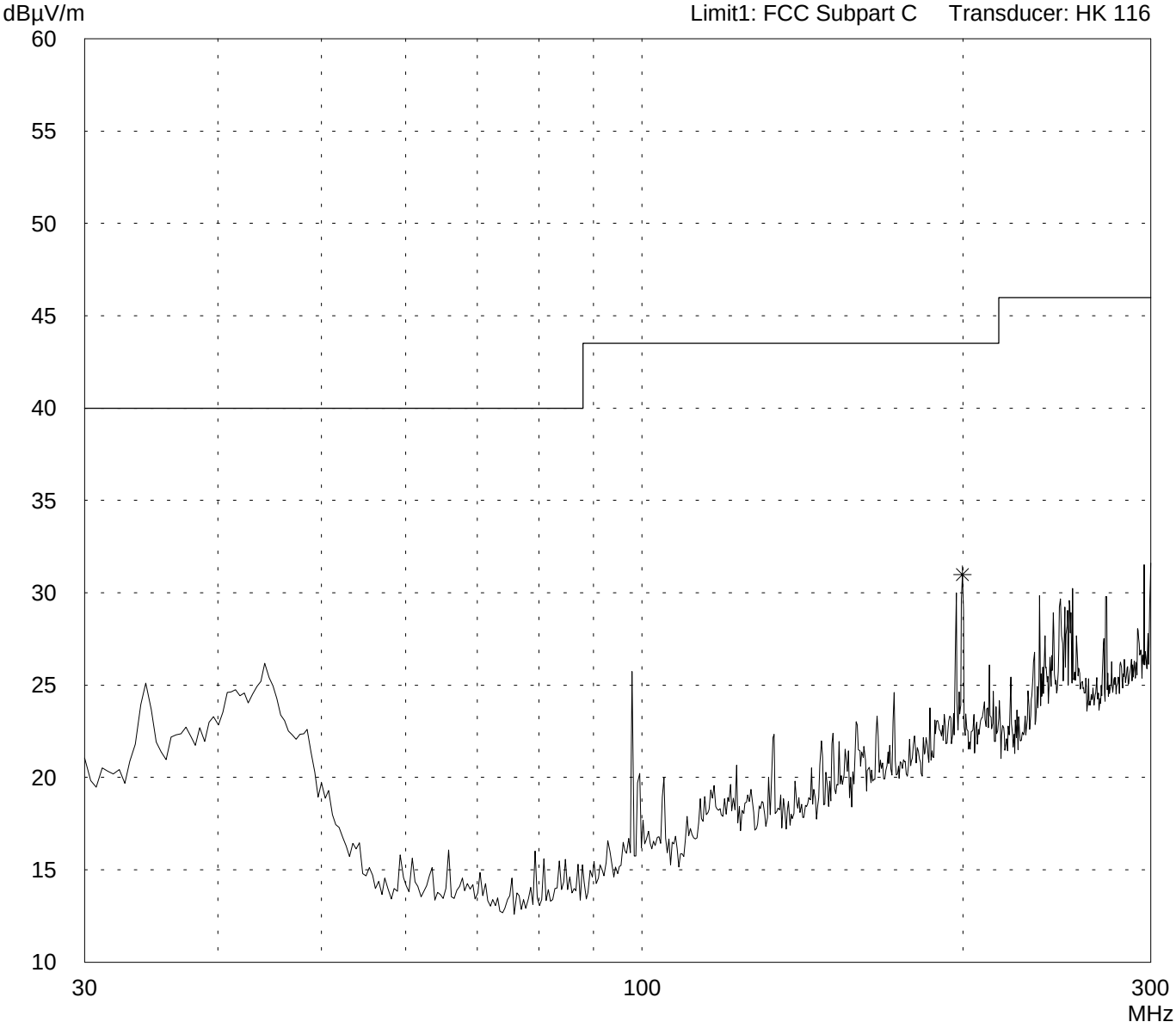
Detector: Peak	List of values: 10 dB Margin / 50 Subranges



Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 30 MHz - 300 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	
Detector: Peak	List of values: Selected by hand

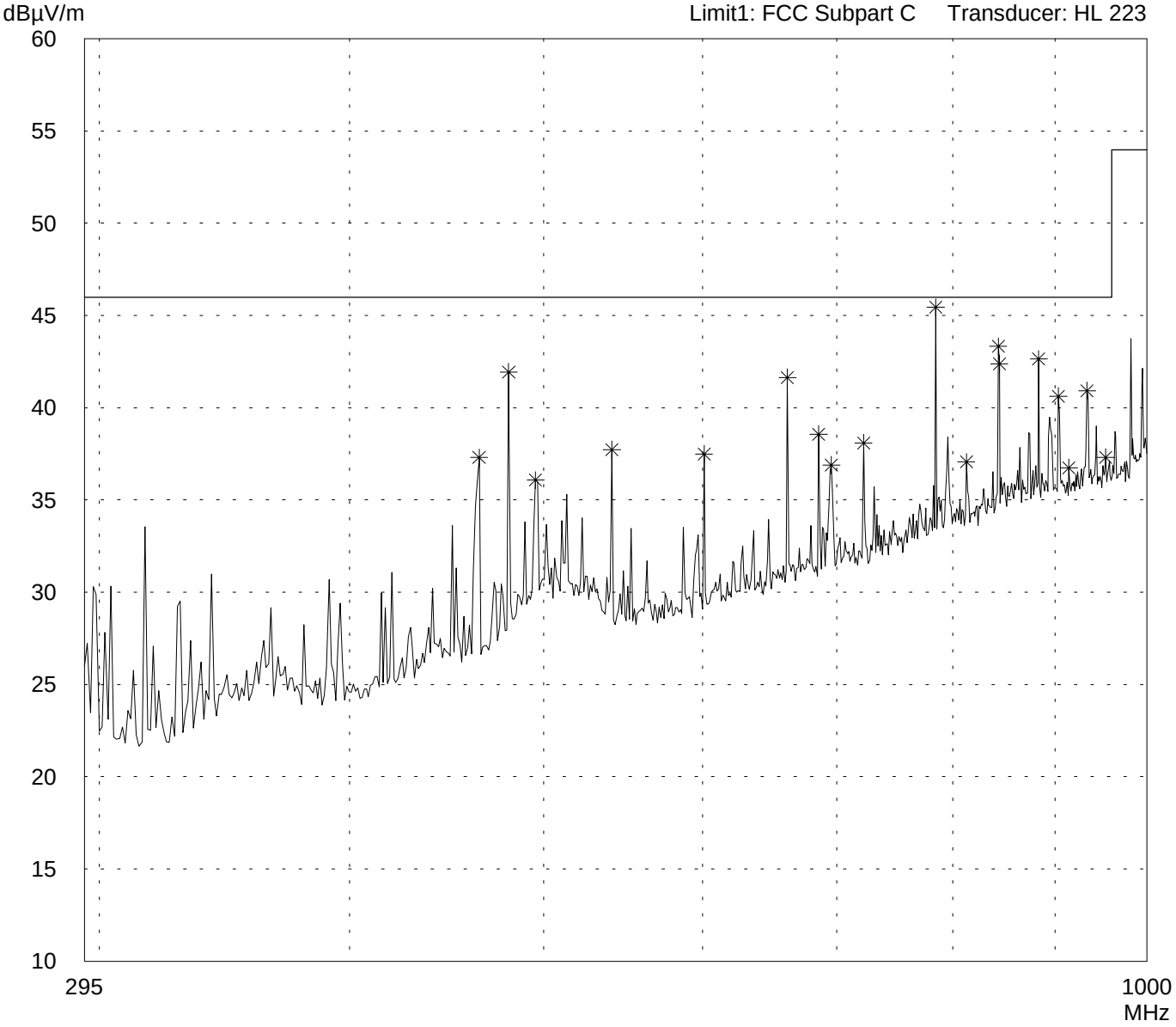


Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 295 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak	List of values: 10 dB Margin / 50 Subranges



Result: Prescan	Project file: 56305-20559-1

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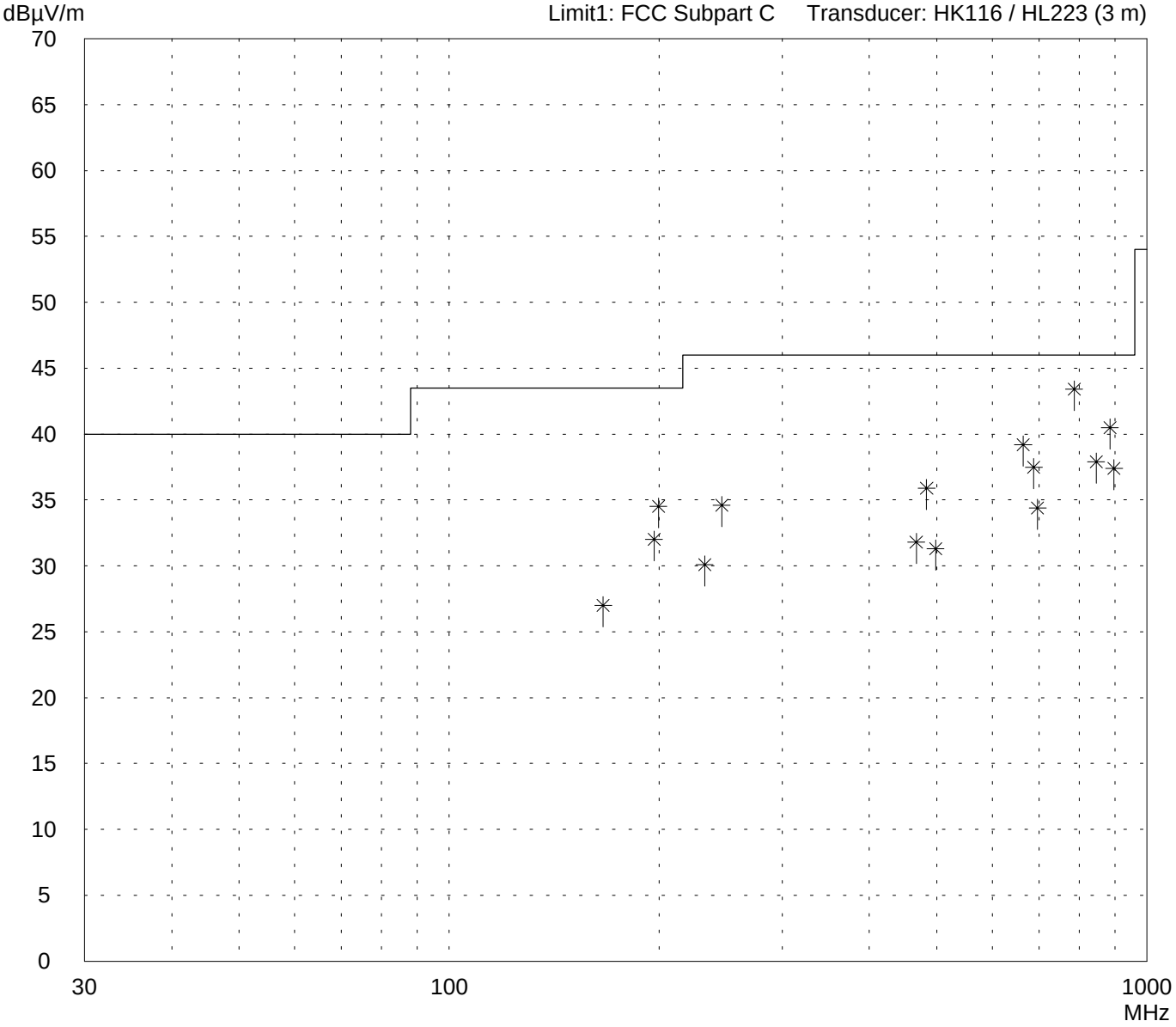
Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Open area test-site I	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/11/2002 / Operator: R. Heller	
Test performed: by hand / File name:	

Detector: Quasi-Peak	List of values: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Open area test-site I

Tested on:
Test distance 3 meters
Horizontal Polarization

Date of test: 09/11/2002
Operator: R. Heller

Test performed: by hand
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved
- display switched off

- operating with bit rate 11 Mbps

- TX mode with f = 2.462 GHz

Detector:
Quasi-Peak

List of values:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV/m*	*Limit dBµV/m*	*Limit exceeded*
166.20	9.8	17.2	27.0	43.5	
196.61	12.7	19.3	32.0	43.5	
199.37	15.0	19.5	34.5	43.5	
232.28	10.0	20.1	30.1	46.0	
245.77	14.2	20.4	34.6	46.0	
466.95	7.5	24.3	31.8	46.0	
483.31	11.2	24.7	35.9	46.0	
497.82	6.3	25.0	31.3	46.0	
664.65	9.0	30.2	39.2	46.0	
688.16	6.4	31.1	37.5	46.0	
696.88	3.0	31.4	34.4	46.0	
786.46	10.8	32.6	43.4	46.0	
845.84	4.0	33.9	37.9	46.0	
884.77	6.2	34.3	40.5	46.0	
897.03	3.0	34.4	37.4	46.0	

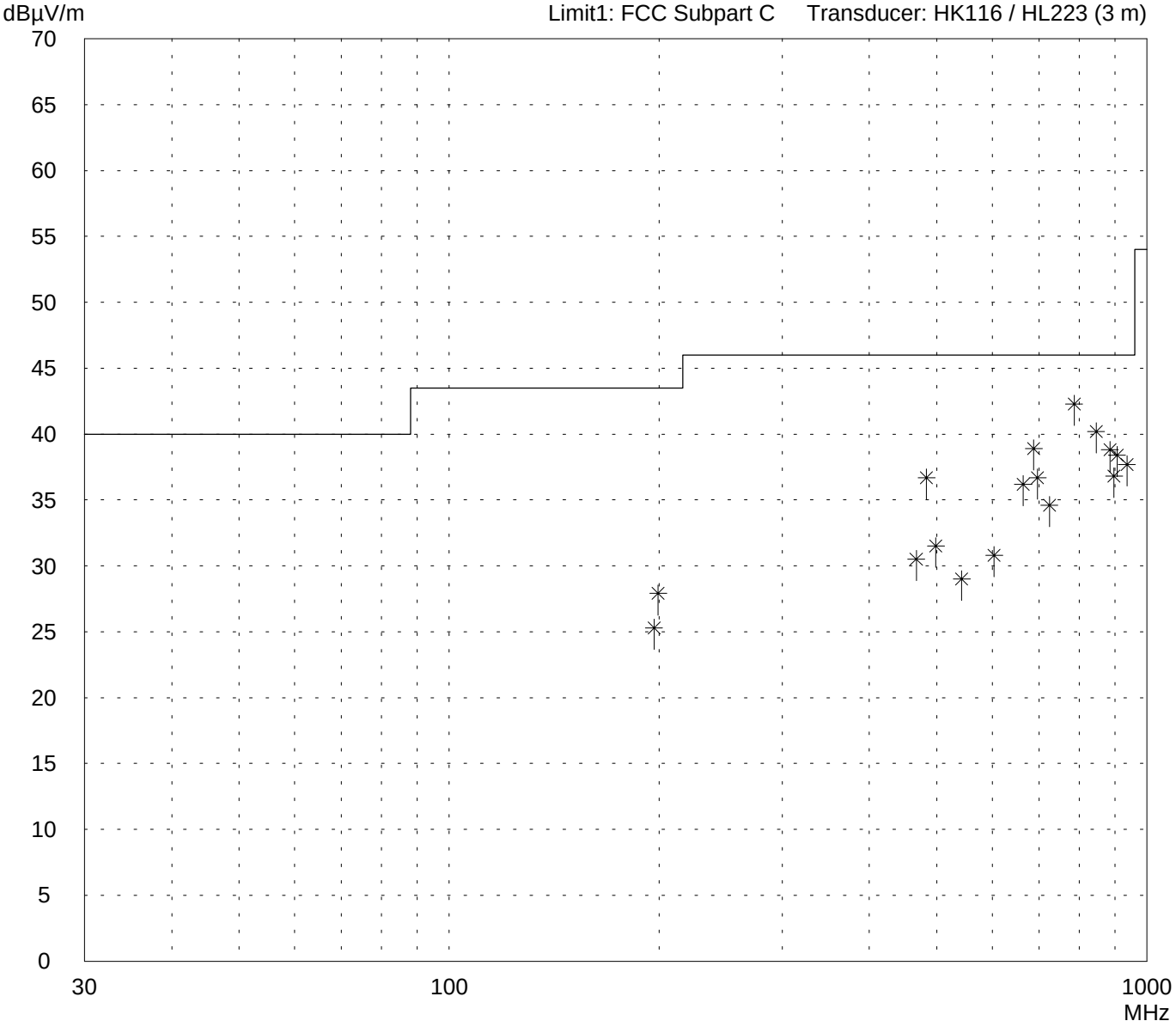
Result:
Limit kept

Project file:
56305-20559-1

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Open area test-site I	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/11/2002 / Operator: R. Heller	
Test performed: by hand / File name:	

Detector: Quasi-Peak	List of values: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Open area test-site I

Tested on:
Test distance 3 meters
Vertical Polarization

Date of test: 09/11/2002
Operator: R. Heller

Test performed: by hand
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved
- display switched off

- operating with bit rate 11 Mbps

- TX mode with f = 2.462 GHz

Detector:
Quasi-Peak

List of values:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV/m*	*Limit dBµV/m*	*Limit exceeded*
196.61	6.0	19.3	25.3	43.5	
199.29	8.4	19.5	27.9	43.5	
466.95	6.2	24.3	30.5	46.0	
483.15	12.0	24.7	36.7	46.0	
498.33	6.5	25.0	31.5	46.0	
542.85	2.8	26.2	29.0	46.0	
603.87	2.6	28.2	30.8	46.0	
664.65	6.0	30.2	36.2	46.0	
688.16	7.8	31.1	38.9	46.0	
696.88	5.3	31.4	36.7	46.0	
724.68	2.9	31.7	34.6	46.0	
786.46	9.7	32.6	42.3	46.0	
845.38	6.3	33.9	40.2	46.0	
884.77	4.5	34.3	38.8	46.0	
897.03	2.4	34.4	36.8	46.0	
905.90	4.0	34.4	38.4	46.0	
936.00	3.2	34.5	37.7	46.0	

Result:
Limit kept

Project file:
56305-20559-1

Radiated Emission 1 GHz - 25 GHz
according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.412 GHz

Detector: Peak

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
2.3900	vertical	31.9	0.6	20.7	53.2	74
2.3992	vertical	45.9	0.6	20.7	67.2	NRB
2.4000	vertical	44.3	0.6	20.7	65.6	NRB
2.4025	vertical	51.1	0.6	20.7	72.4	OB
2.4128	vertical	82.1	0.6	20.7	103.4	OB
2.4225	vertical	52.5	0.6	20.7	73.8	OB
4.8303	horizontal	17.1	0.9	27.3	45.3	74
7.2391	horizontal	5.9	1.1	29.9	36.9	NRB
9.6467	horizontal	10.9	1.3	33.4	45.5	74

Note: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 103.4 dBµV/m.

Result: The limits are kept

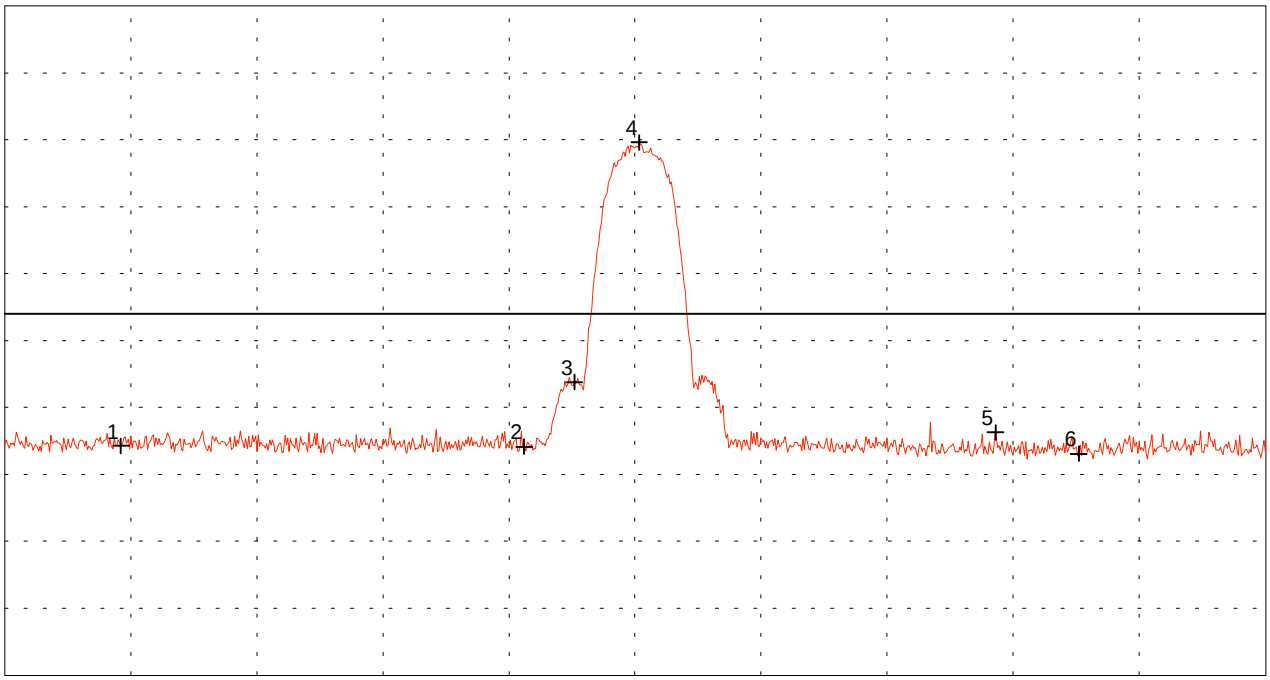
Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m
10 dB/Div.

ATT 5 dB

Ref. Offset 21.3 dB



Start 2.287 GHz
RBW 1 MHz

VBW 1 MHz

Stop 2.537 GHz
SWP 20 ms

Multi Marker List

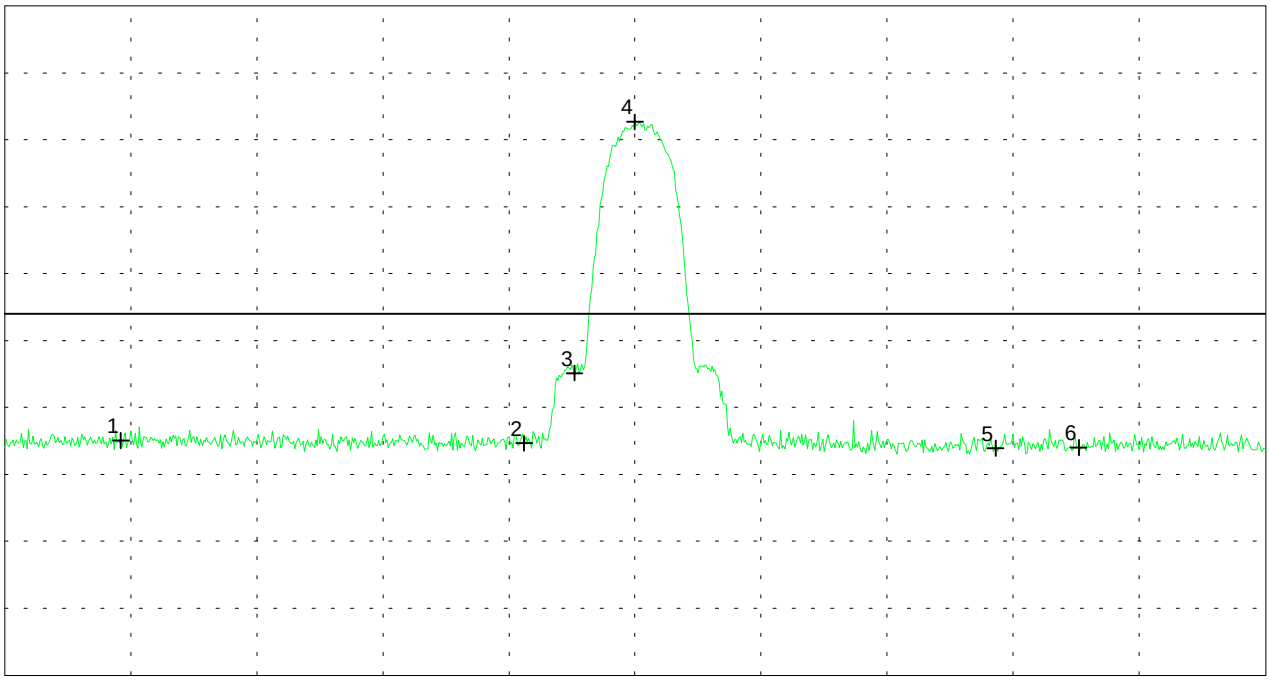
No. 1	2.310000 GHz	54.24 dBµV/m
No. 2	2.390000 GHz	54.11 dBµV/m
No. 3	2.400000 GHz	63.76 dBµV/m
No. 4	2.412833 GHz	99.62 dBµV/m
No. 5	2.483500 GHz	56.25 dBµV/m
No. 6	2.500000 GHz	53.05 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.287 GHz Stop 2.537 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

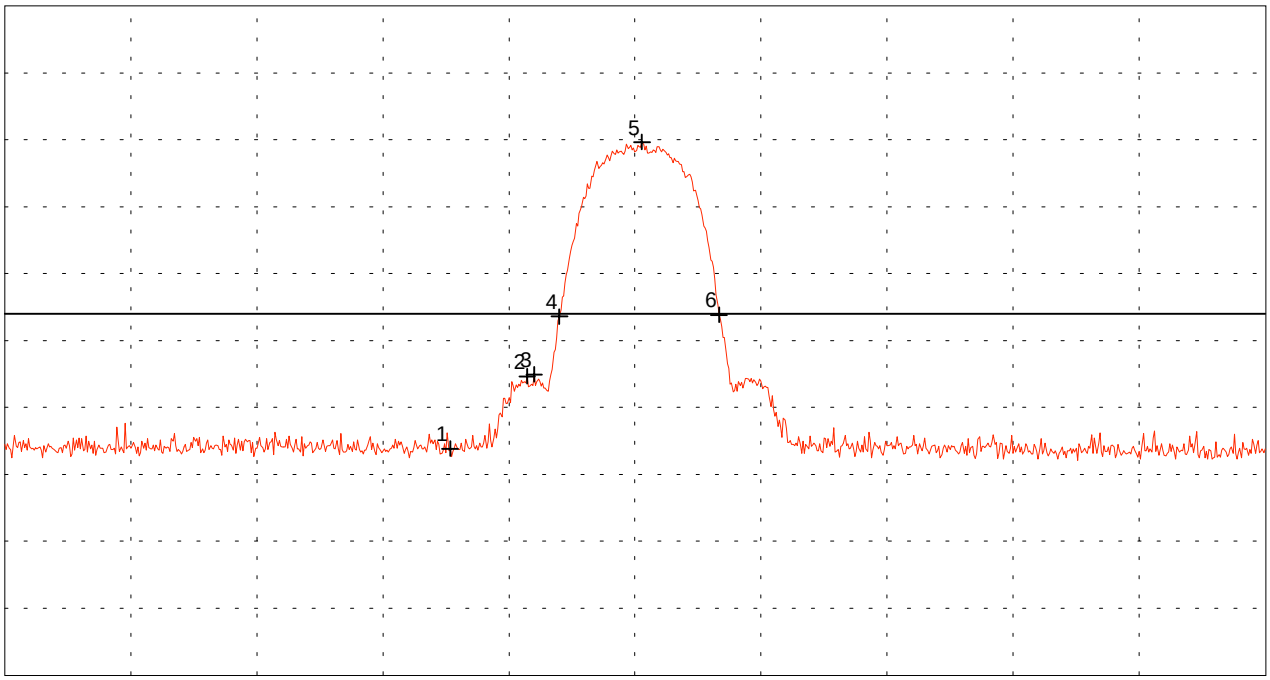
No. 1	2.310000 GHz	55.03 dBµV/m
No. 2	2.390000 GHz	54.65 dBµV/m
No. 3	2.400000 GHz	65.11 dBµV/m
No. 4	2.412000 GHz	102.67 dBµV/m
No. 5	2.483500 GHz	53.89 dBµV/m
No. 6	2.500000 GHz	53.99 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.337 GHz Stop 2.487 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

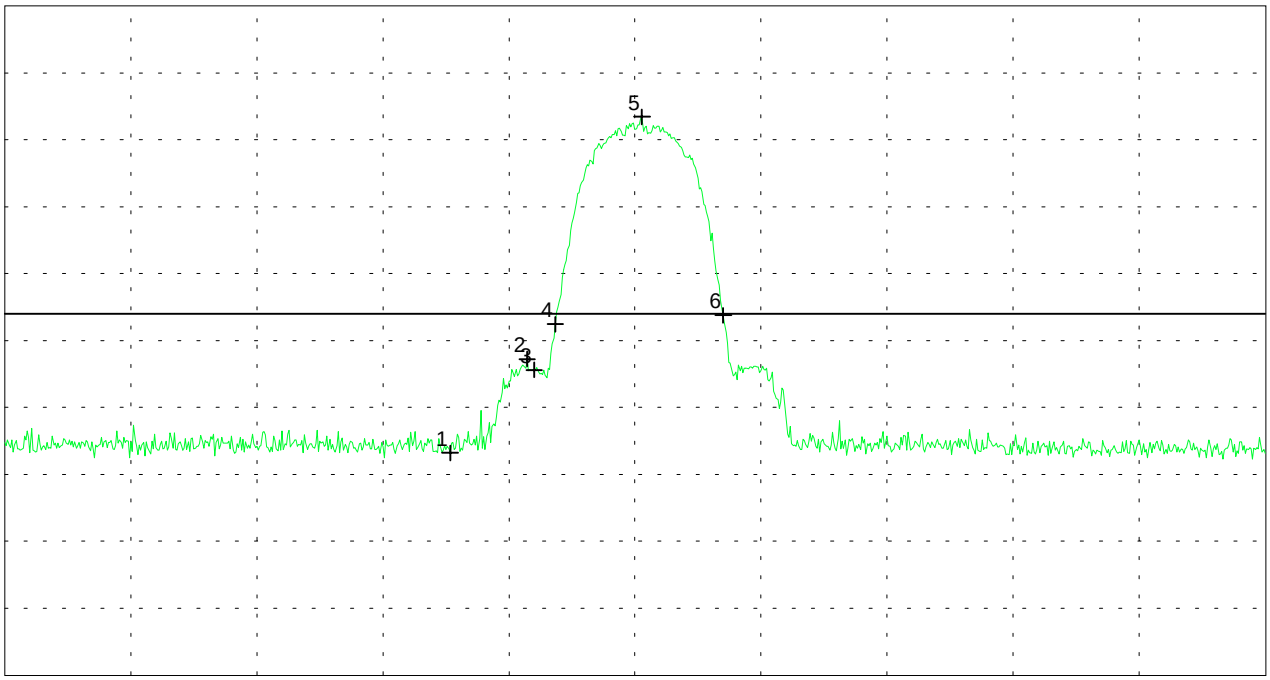
No. 1	2.390000 GHz	53.83 dBµV/m
No. 2	2.399167 GHz	64.63 dBµV/m
No. 3	2.400000 GHz	64.91 dBµV/m
No. 4	2.403000 GHz	73.57 dBµV/m
No. 5	2.412833 GHz	99.64 dBµV/m
No. 6	2.422000 GHz	73.84 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.337 GHz Stop 2.487 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

No. 1	2.390000 GHz	53.17 dBµV/m
No. 2	2.399167 GHz	67.24 dBµV/m
No. 3	2.400000 GHz	65.59 dBµV/m
No. 4	2.402500 GHz	72.42 dBµV/m
No. 5	2.412833 GHz	103.43 dBµV/m
No. 6	2.422500 GHz	73.77 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz
according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.412 GHz

Detector: Average

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
1.0964	vertical	< 12.8	0.5	26.1	< 39.4	54
1.6961	vertical	< 11.2	0.5	27.7	< 39.4	54
2.3900	vertical	20.9	0.6	20.7	42.2	54
2.3967	vertical	32.4	0.6	20.7	53.7	NRB
2.3988	vertical	36.7	0.6	20.7	58.0	NRB
2.4000	vertical	36.0	0.6	20.7	57.3	NRB
2.4120	vertical	75.4	0.6	20.7	96.7	OB
2.4278	vertical	32.0	0.6	20.7	53.4	OB
4.8241	horizontal	14.1	0.9	27.3	42.2	54
9.6480	vertical	5.9	1.3	33.4	40.5	54

Note: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 96.7 dBµV/m.

Result: The limits are kept

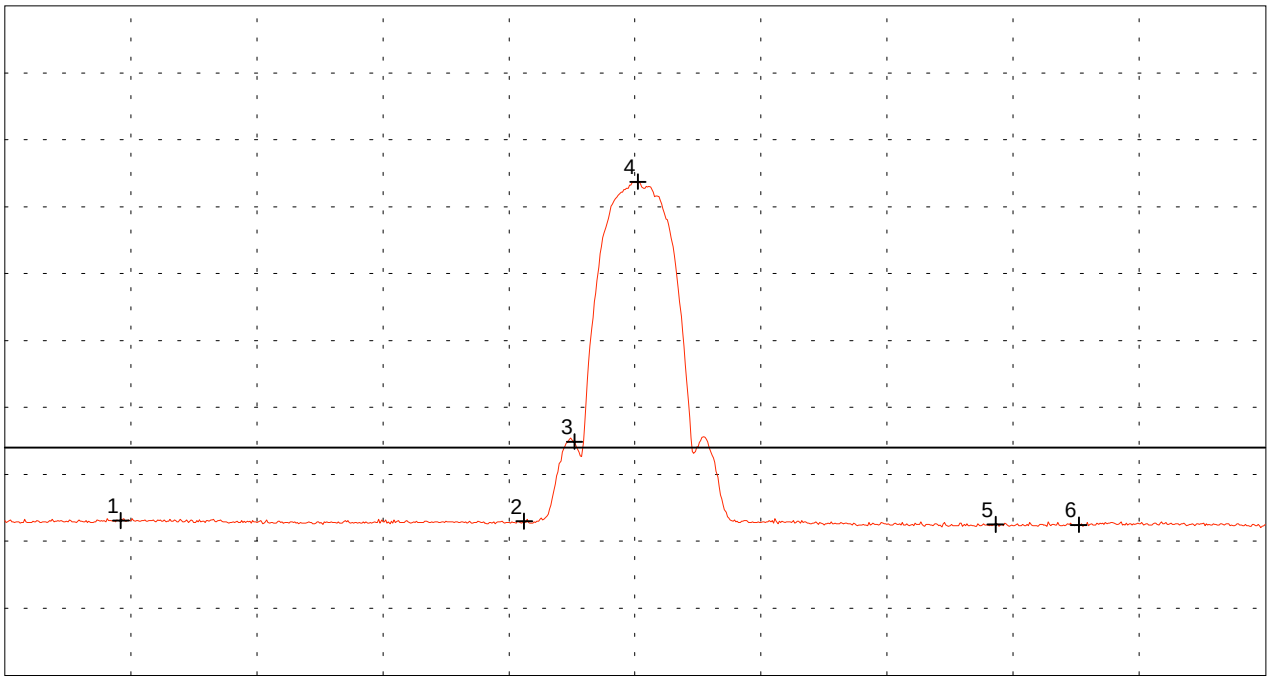
Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m
10 dB/Div.

ATT 5 dB

Ref. Offset 21.3 dB



Start 2.287 GHz
RBW 1 MHz

VBW 3 kHz

Stop 2.537 GHz
SWP 260 ms

Multi Marker List

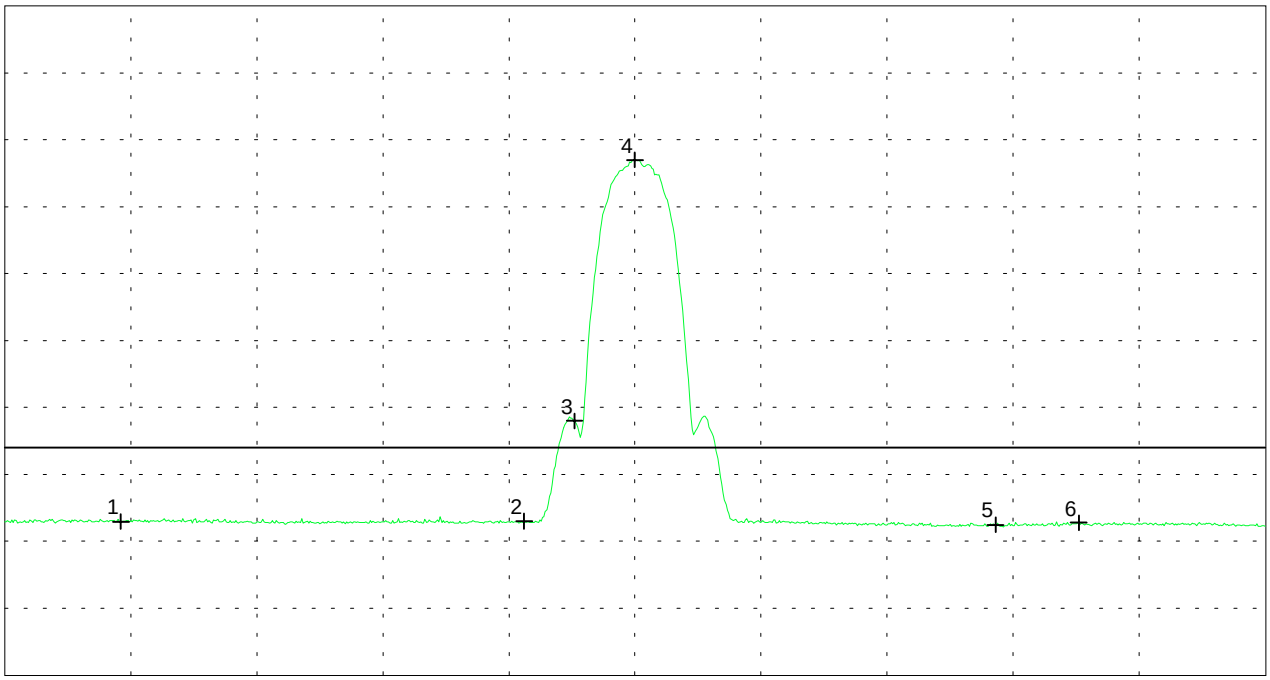
No. 1	2.310000 GHz	43.07 dBµV/m
No. 2	2.390000 GHz	42.97 dBµV/m
No. 3	2.400000 GHz	54.88 dBµV/m
No. 4	2.412556 GHz	93.73 dBµV/m
No. 5	2.483500 GHz	42.51 dBµV/m
No. 6	2.500000 GHz	42.43 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.287 GHz Stop 2.537 GHz
RBW 1 MHz VBW 3 kHz SWP 260 ms

Multi Marker List

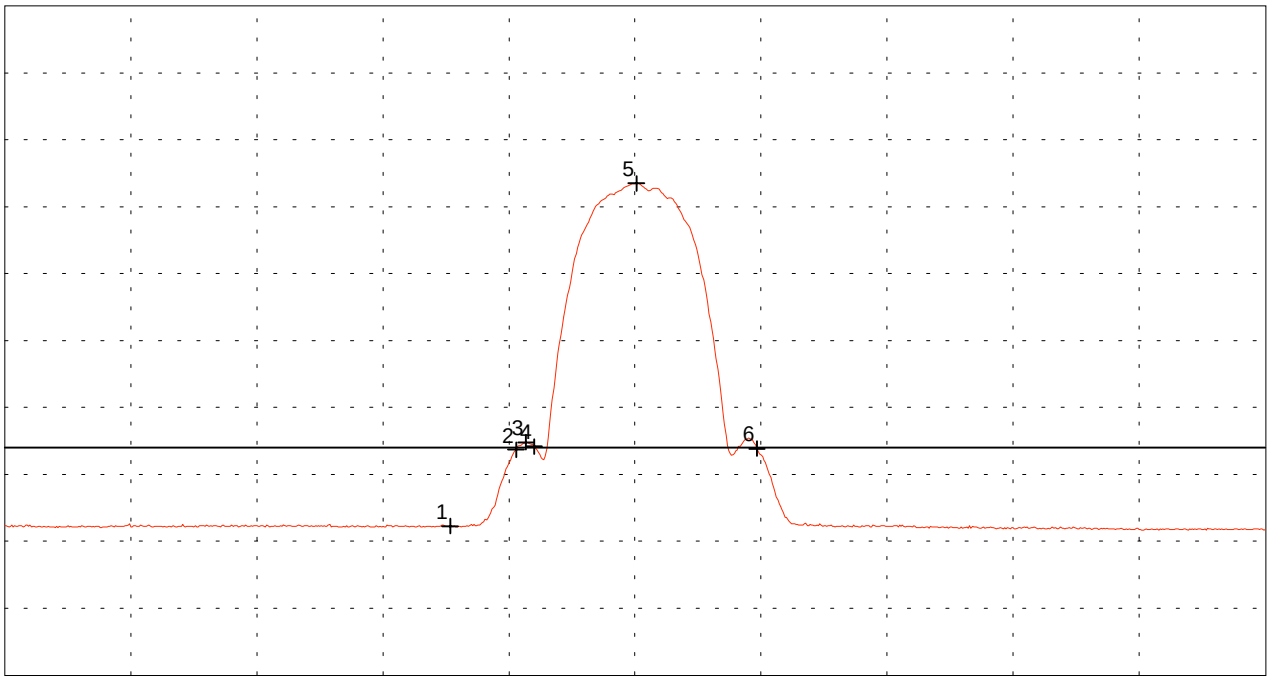
No. 1	2.310000 GHz	42.92 dBµV/m
No. 2	2.390000 GHz	42.97 dBµV/m
No. 3	2.400000 GHz	57.97 dBµV/m
No. 4	2.412000 GHz	97.00 dBµV/m
No. 5	2.483500 GHz	42.43 dBµV/m
No. 6	2.500000 GHz	42.76 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.337 GHz Stop 2.487 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

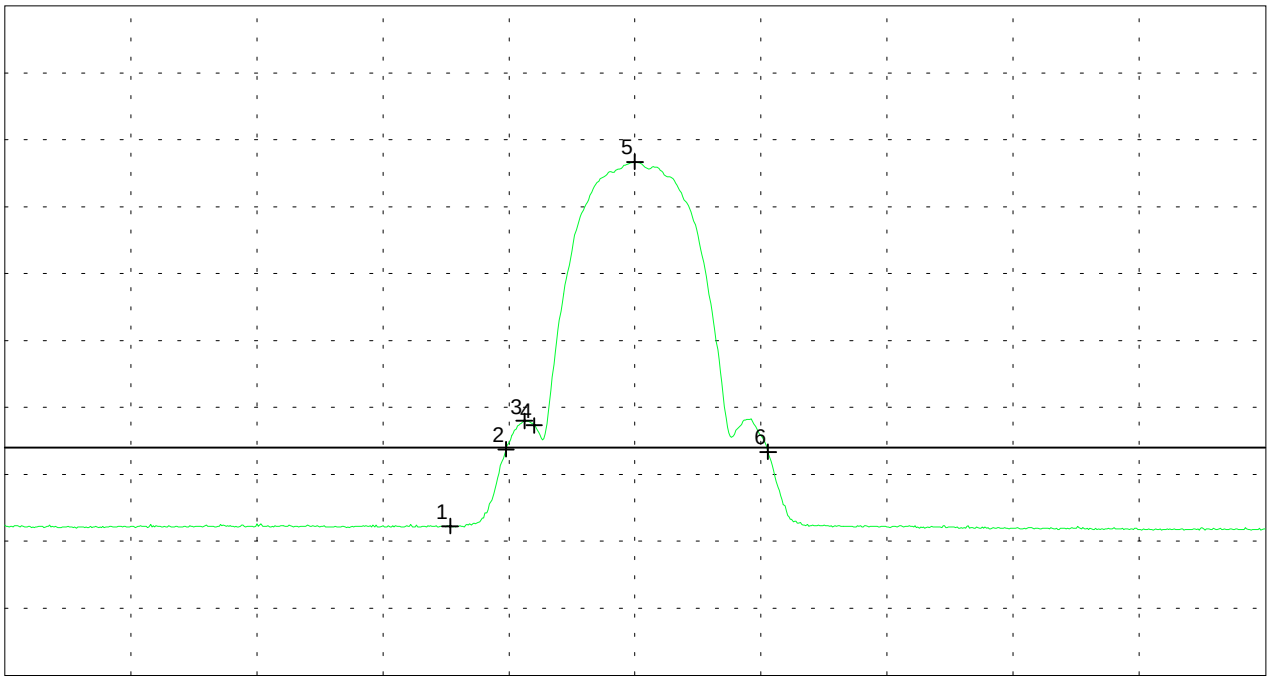
No. 1	2.390000 GHz	42.23 dBµV/m
No. 2	2.397833 GHz	53.68 dBµV/m
No. 3	2.399000 GHz	54.77 dBµV/m
No. 4	2.400000 GHz	54.16 dBµV/m
No. 5	2.412167 GHz	93.47 dBµV/m
No. 6	2.426500 GHz	53.83 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.337 GHz Stop 2.487 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

No. 1	2.390000 GHz	42.23 dBµV/m
No. 2	2.396667 GHz	53.73 dBµV/m
No. 3	2.398833 GHz	57.97 dBµV/m
No. 4	2.400000 GHz	57.31 dBµV/m
No. 5	2.412000 GHz	96.70 dBµV/m
No. 6	2.427833 GHz	53.35 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz (Additional Test Results) according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 2 Mbps

- TX mode with f = 2.412 GHz

Detector: Peak

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
2.3900	vertical	33.2	0.6	20.7	54.5	74
2.3985	vertical	44.1	0.6	20.7	65.4	NRB
2.4000	vertical	43.2	0.6	20.7	64.5	NRB
2.4027	vertical	52.6	0.6	20.7	74.0	OB
2.4105	vertical	79.4	0.6	20.7	100.8	OB
2.4225	vertical	52.1	0.6	20.7	73.4	OB
4.8242	horizontal	19.8	0.9	27.3	47.9	74
9.6481	vertical	11.0	1.3	33.4	45.7	74

Note 1: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 100.8 dBµV/m.

Note 2: Extent of testing harmonics with 2 Mbps selected according to results of rac emission with 11 Mbps (peak)

Result: The limits are kept

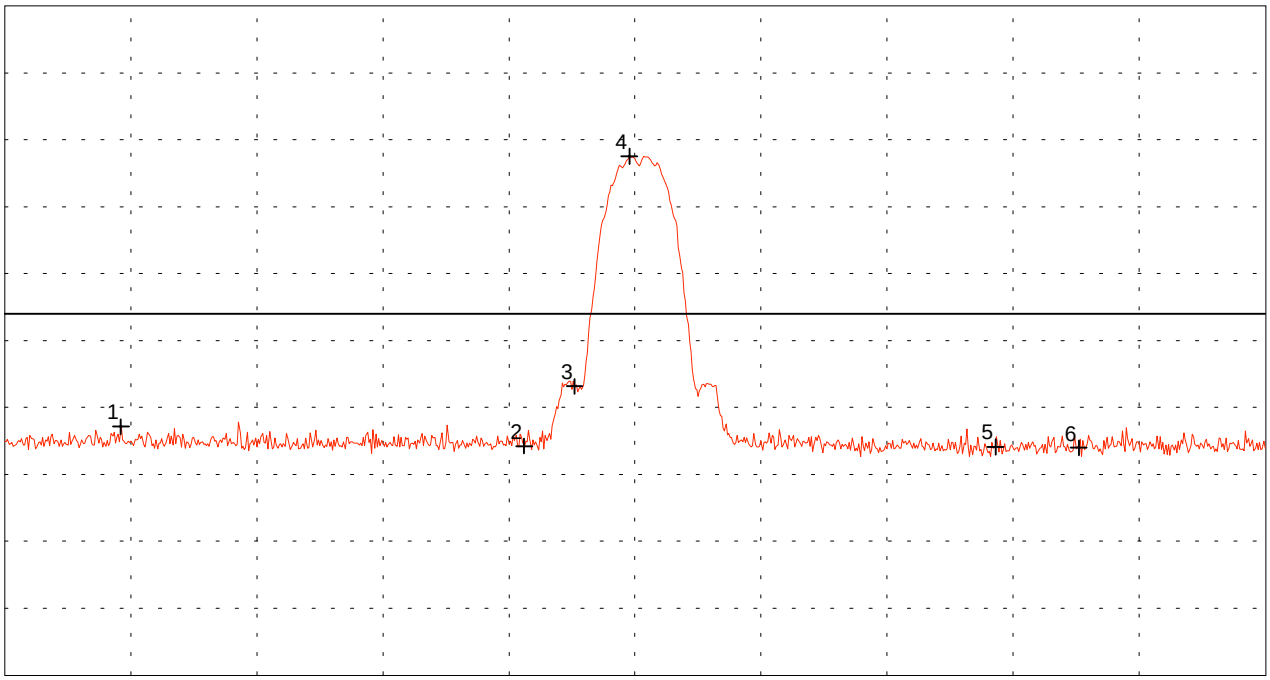
Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m
10 dB/Div.

ATT 5 dB

Ref. Offset 21.3 dB



Start 2.287 GHz
RBW 1 MHz

VBW 1 MHz

Stop 2.537 GHz
SWP 20 ms

Multi Marker List

No. 1	2.310000 GHz	57.14 dBµV/m
No. 2	2.390000 GHz	54.22 dBµV/m
No. 3	2.400000 GHz	63.13 dBµV/m
No. 4	2.410889 GHz	97.54 dBµV/m
No. 5	2.483500 GHz	54.09 dBµV/m
No. 6	2.500000 GHz	53.96 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

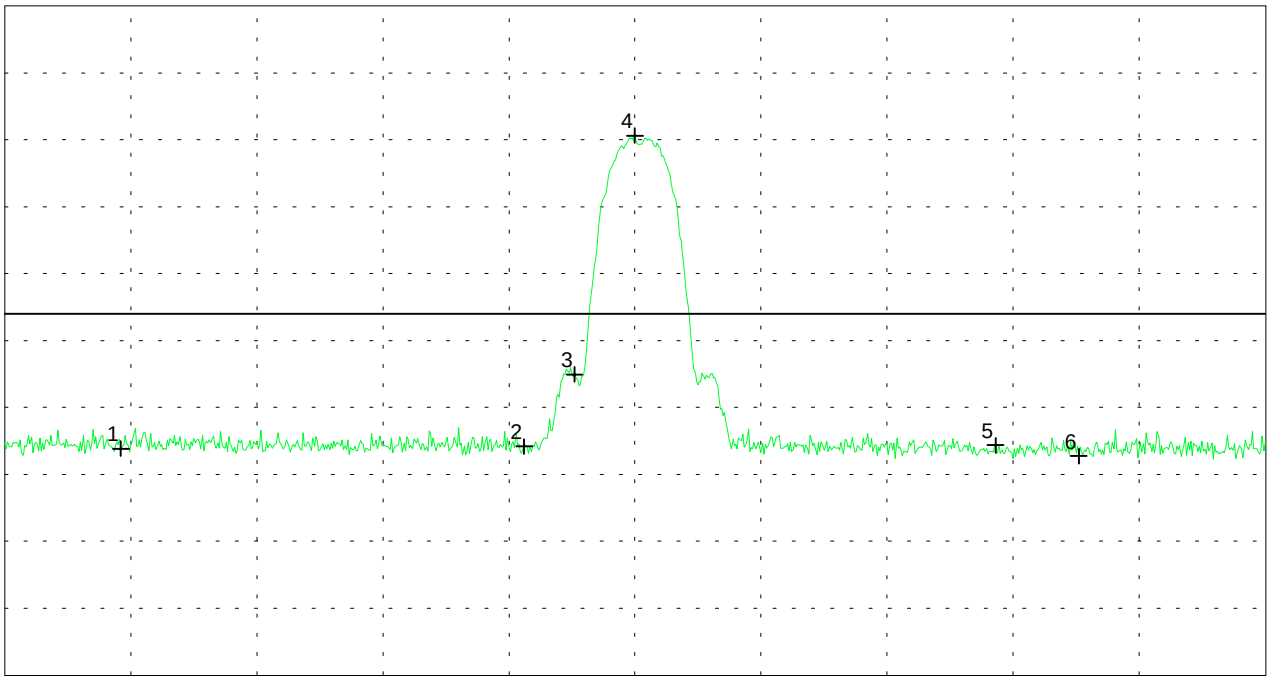
Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m
10 dB/Div.

ATT 5 dB

Ref. Offset 21.3 dB



Start 2.287 GHz
RBW 1 MHz

VBW 1 MHz

Stop 2.537 GHz
SWP 20 ms

Multi Marker List

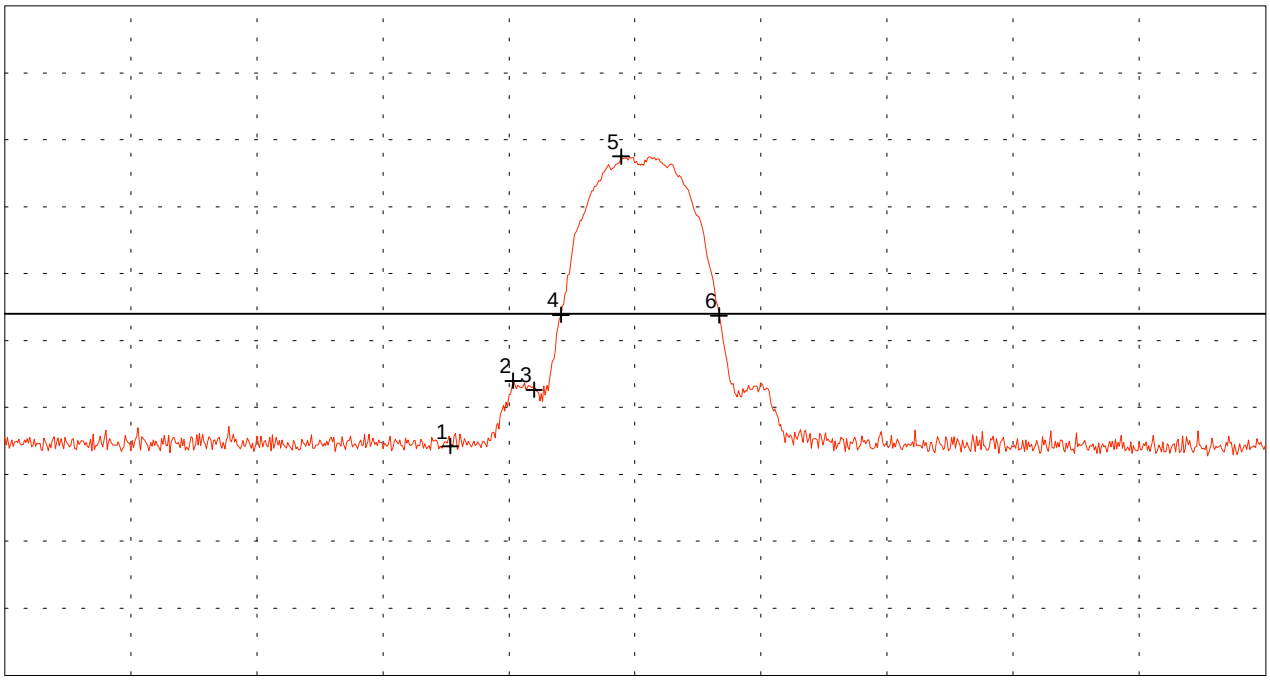
No. 1	2.310000 GHz	53.81 dBµV/m
No. 2	2.390000 GHz	54.14 dBµV/m
No. 3	2.400000 GHz	64.93 dBµV/m
No. 4	2.412000 GHz	100.61 dBµV/m
No. 5	2.483500 GHz	54.34 dBµV/m
No. 6	2.500000 GHz	52.72 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.337 GHz Stop 2.487 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

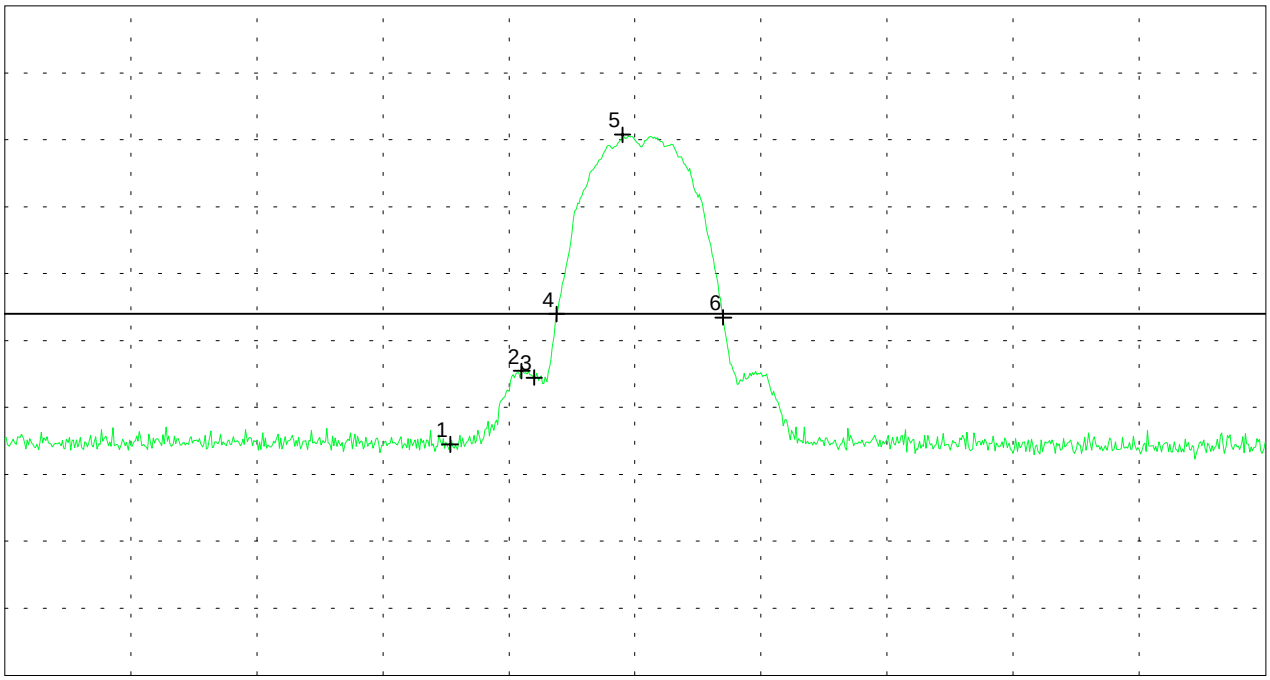
No. 1	2.390000 GHz	54.19 dBµV/m
No. 2	2.397500 GHz	63.99 dBµV/m
No. 3	2.400000 GHz	62.62 dBµV/m
No. 4	2.403167 GHz	73.82 dBµV/m
No. 5	2.410333 GHz	97.49 dBµV/m
No. 6	2.422000 GHz	73.74 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.337 GHz Stop 2.487 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

No. 1	2.390000 GHz	54.47 dBµV/m
No. 2	2.398500 GHz	65.44 dBµV/m
No. 3	2.400000 GHz	64.47 dBµV/m
No. 4	2.402667 GHz	73.95 dBµV/m
No. 5	2.410500 GHz	100.76 dBµV/m
No. 6	2.422500 GHz	73.44 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz (Additional Test Results) according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 2 Mbps

- TX mode with f = 2.412 GHz

Detector: Average

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
2.3900	vertical	21.1	0.6	20.7	42.4	54
2.3963	vertical	32.4	0.6	20.7	53.7	NRB
2.3983	vertical	38.9	0.6	20.7	60.2	NRB
2.4000	vertical	36.8	0.6	20.7	58.1	NRB
2.4128	vertical	75.7	0.6	20.7	97.0	OB
2.4282	vertical	31.6	0.6	20.7	52.9	OB
4.8241	horizontal	15.6	0.9	27.3	43.7	54
9.6481	vertical	8.6	1.3	33.4	43.2	54

Note 1: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 97.0 dBµV/m.

Note 2: Extent of testing harmonics with 2 Mbps selected according to results of rad emission with 11 Mbps (peak)

Result: The limits are kept

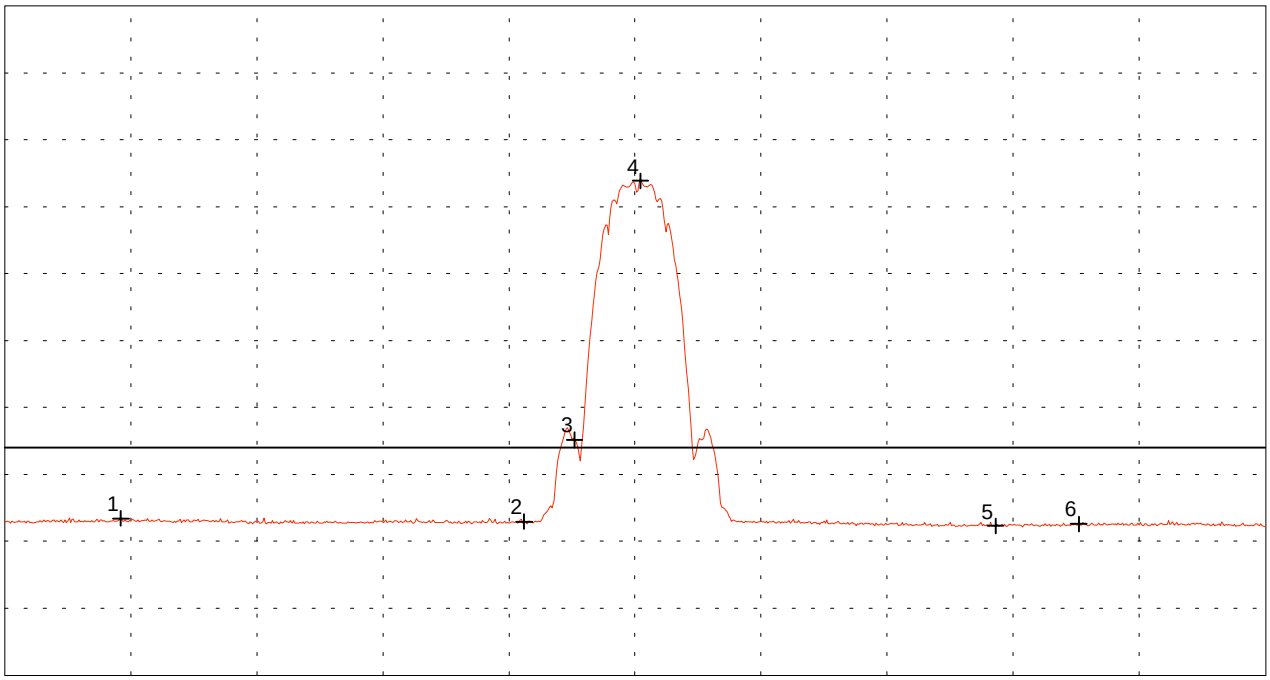
Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m
10 dB/Div.

ATT 5 dB

Ref. Offset 21.3 dB



Start 2.287 GHz
RBW 1 MHz

VBW 3 kHz

Stop 2.537 GHz
SWP 260 ms

Multi Marker List

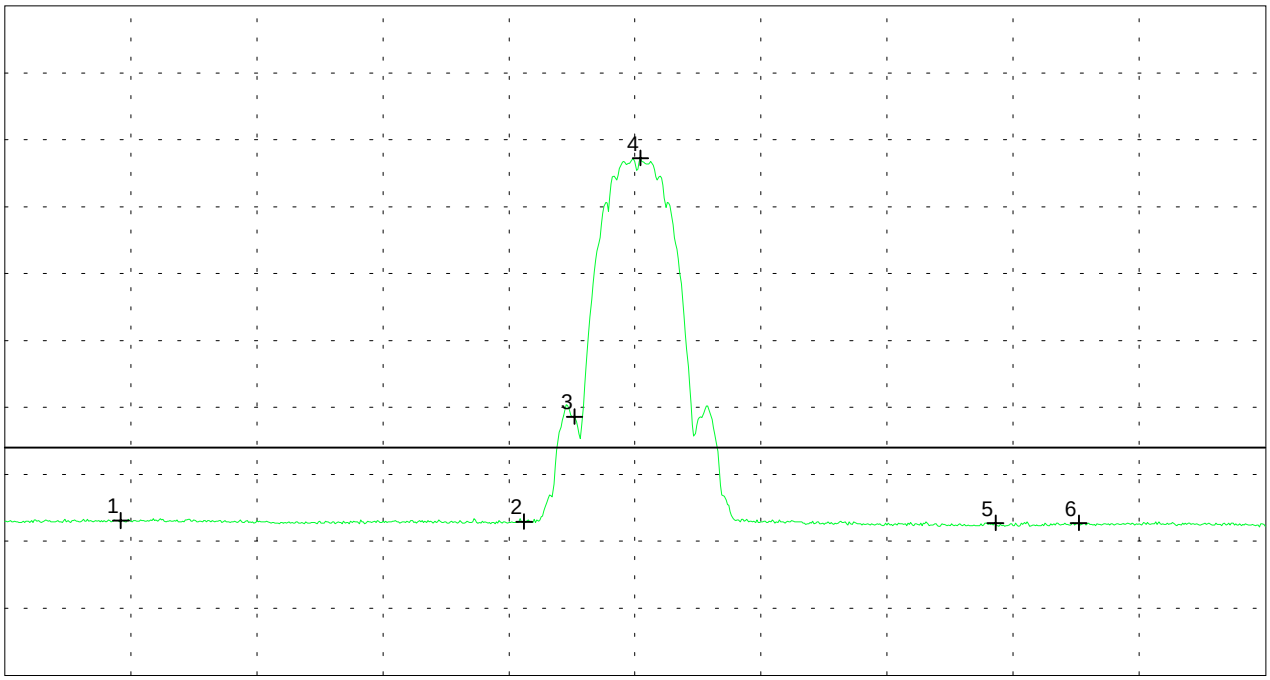
No. 1	2.310000 GHz	43.40 dBµV/m
No. 2	2.390000 GHz	42.94 dBµV/m
No. 3	2.400000 GHz	55.13 dBµV/m
No. 4	2.413111 GHz	93.85 dBµV/m
No. 5	2.483500 GHz	42.28 dBµV/m
No. 6	2.500000 GHz	42.58 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.287 GHz Stop 2.537 GHz
RBW 1 MHz VBW 3 kHz SWP 260 ms

Multi Marker List

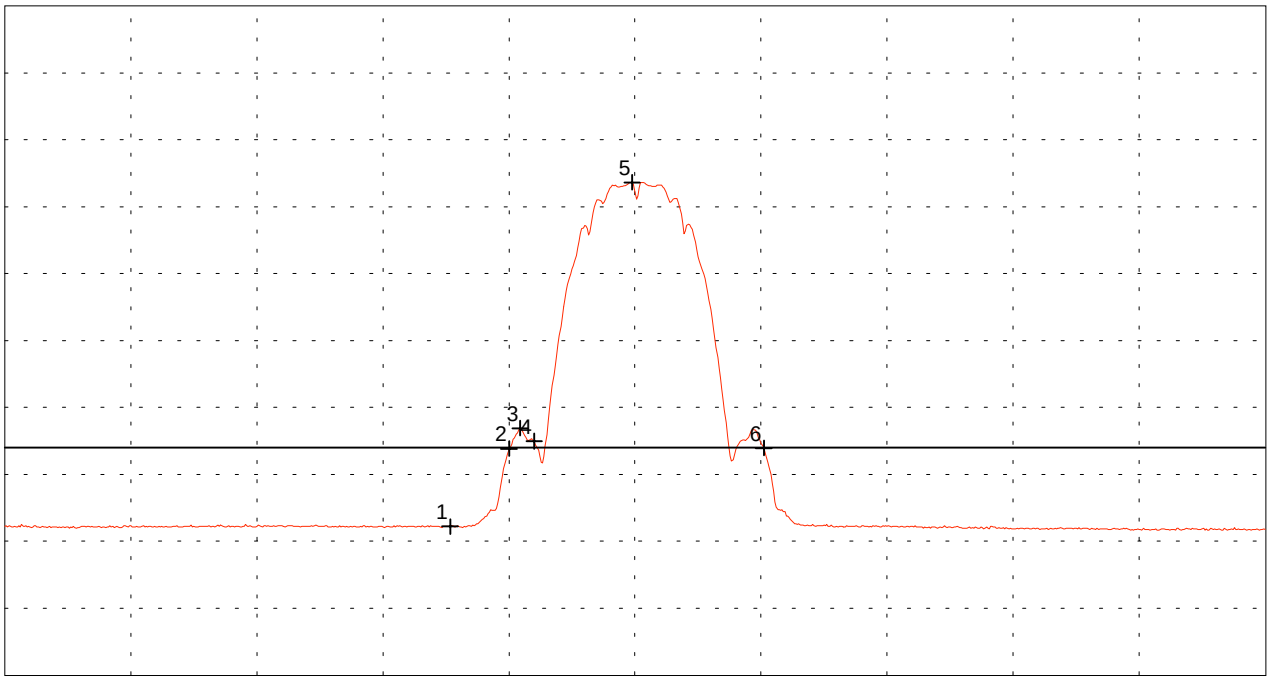
No. 1	2.310000 GHz	43.07 dBµV/m
No. 2	2.390000 GHz	42.92 dBµV/m
No. 3	2.400000 GHz	58.63 dBµV/m
No. 4	2.413111 GHz	97.28 dBµV/m
No. 5	2.483500 GHz	42.74 dBµV/m
No. 6	2.500000 GHz	42.71 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.337 GHz Stop 2.487 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

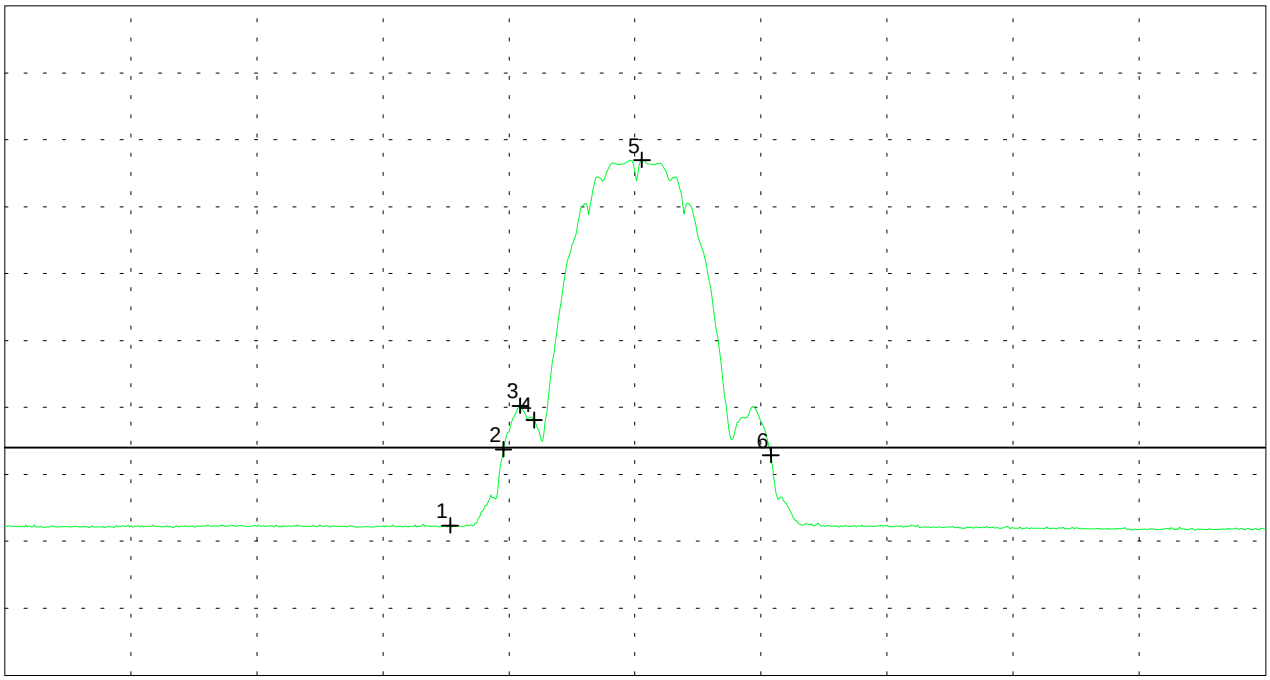
No. 1	2.390000 GHz	42.20 dBµV/m
No. 2	2.397000 GHz	53.83 dBµV/m
No. 3	2.398333 GHz	56.88 dBµV/m
No. 4	2.400000 GHz	54.93 dBµV/m
No. 5	2.411667 GHz	93.65 dBµV/m
No. 6	2.427333 GHz	53.94 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.412 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.337 GHz Stop 2.487 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

No. 1	2.390000 GHz	42.36 dBµV/m
No. 2	2.396333 GHz	53.73 dBµV/m
No. 3	2.398333 GHz	60.23 dBµV/m
No. 4	2.400000 GHz	58.10 dBµV/m
No. 5	2.412833 GHz	97.00 dBµV/m
No. 6	2.428167 GHz	52.87 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz
according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.442 GHz

Detector: Peak

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
2.4325	vertical	52.5	0.6	20.7	73.8	OB
2.4428	vertical	82.3	0.6	20.7	103.6	OB
2.4525	vertical	51.7	0.6	20.7	73.0	OB
4.8894	horizontal	18.4	0.9	27.3	46.6	74
7.3279	horizontal	6.3	1.1	29.9	37.4	74
9.7680	horizontal	9.2	1.3	33.4	43.9	74

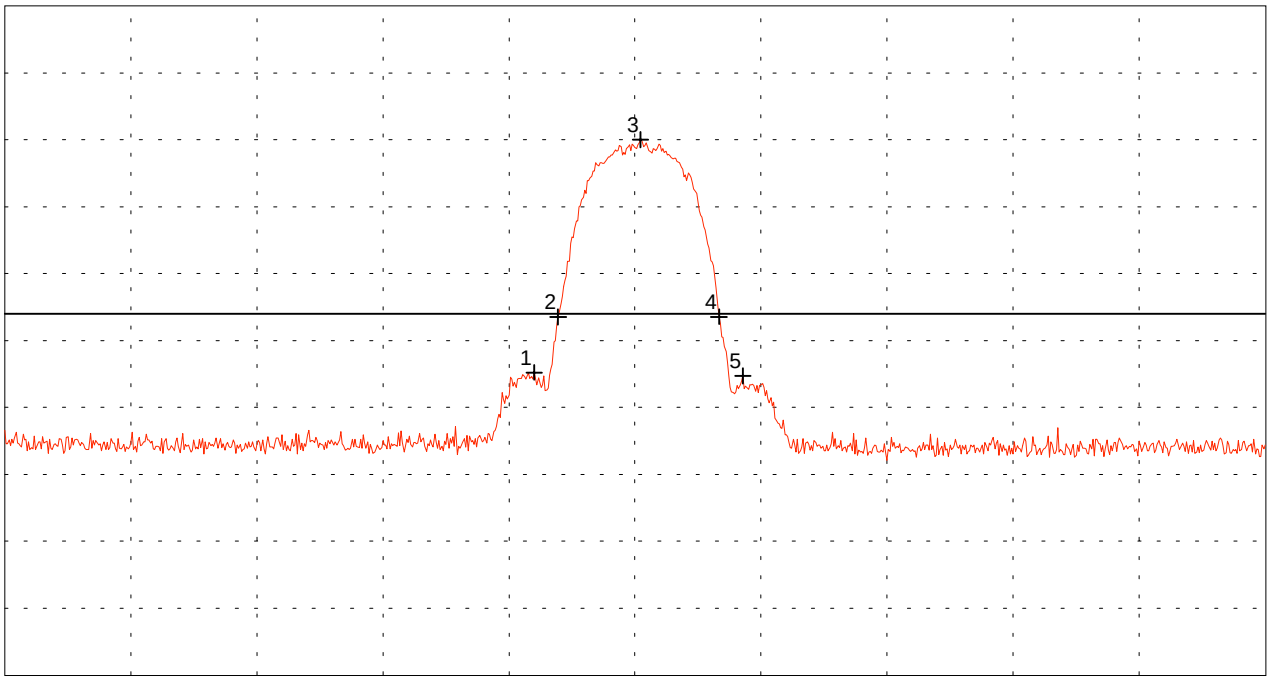
Note: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 103.6 dBµV/m.

Result: The limits are kept

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.367 GHz Stop 2.517 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

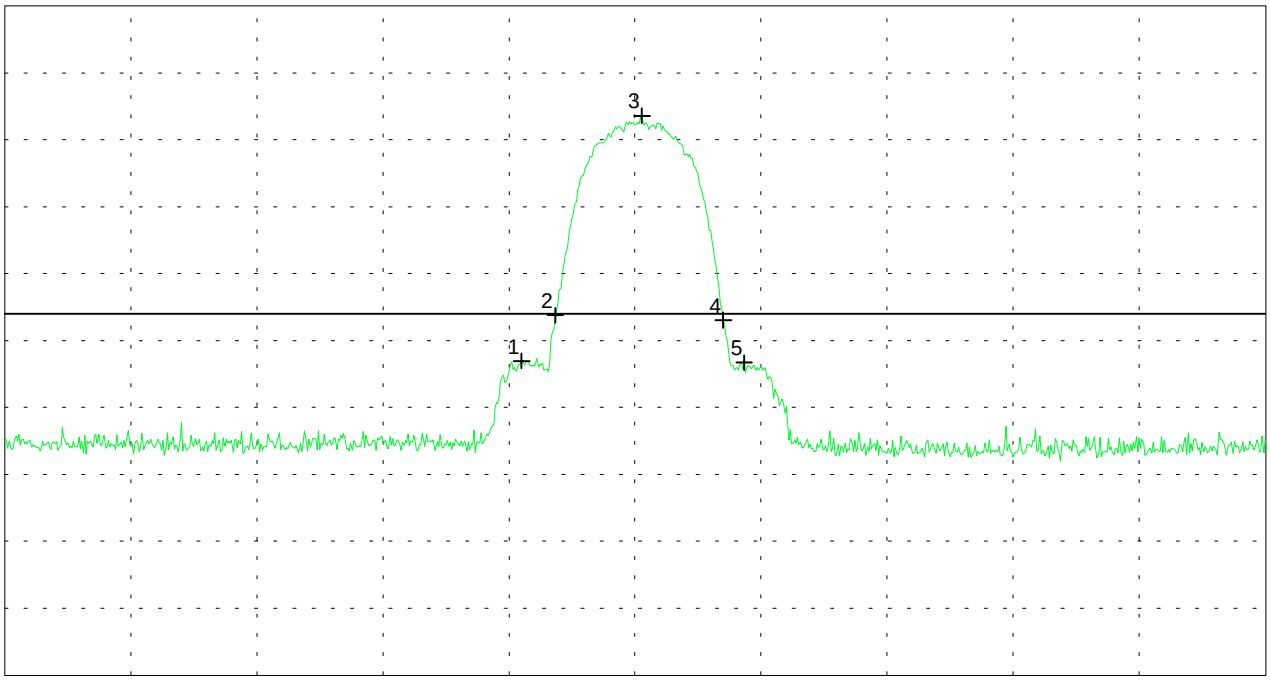
No. 1	2.430000 GHz	65.21 dBµV/m
No. 2	2.432833 GHz	73.51 dBµV/m
No. 3	2.442667 GHz	100.03 dBµV/m
No. 4	2.452000 GHz	73.54 dBµV/m
No. 5	2.454833 GHz	64.70 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.367 GHz Stop 2.517 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

No. 1	2.428500 GHz	66.94 dBµV/m
No. 2	2.432500 GHz	73.77 dBµV/m
No. 3	2.442833 GHz	103.58 dBµV/m
No. 4	2.452500 GHz	73.03 dBµV/m
No. 5	2.455000 GHz	66.71 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz
according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.442 GHz

Detector: Average

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
1.0972	vertical	< 13.9	0.5	26.1	< 40.5	54
1.3974	vertical	< 10.4	0.5	26.6	< 37.5	54
1.4768	vertical	< 10.7	0.5	26.8	< 38.0	54
1.6961	vertical	< 11.0	0.5	27.7	< 39.2	54
2.4263	vertical	32.0	0.6	20.7	53.3	OB
2.4420	vertical	75.7	0.6	20.7	97.1	OB
2.4578	vertical	32.4	0.6	20.7	53.7	OB
4.8841	horizontal	15.1	0.9	27.3	43.2	54

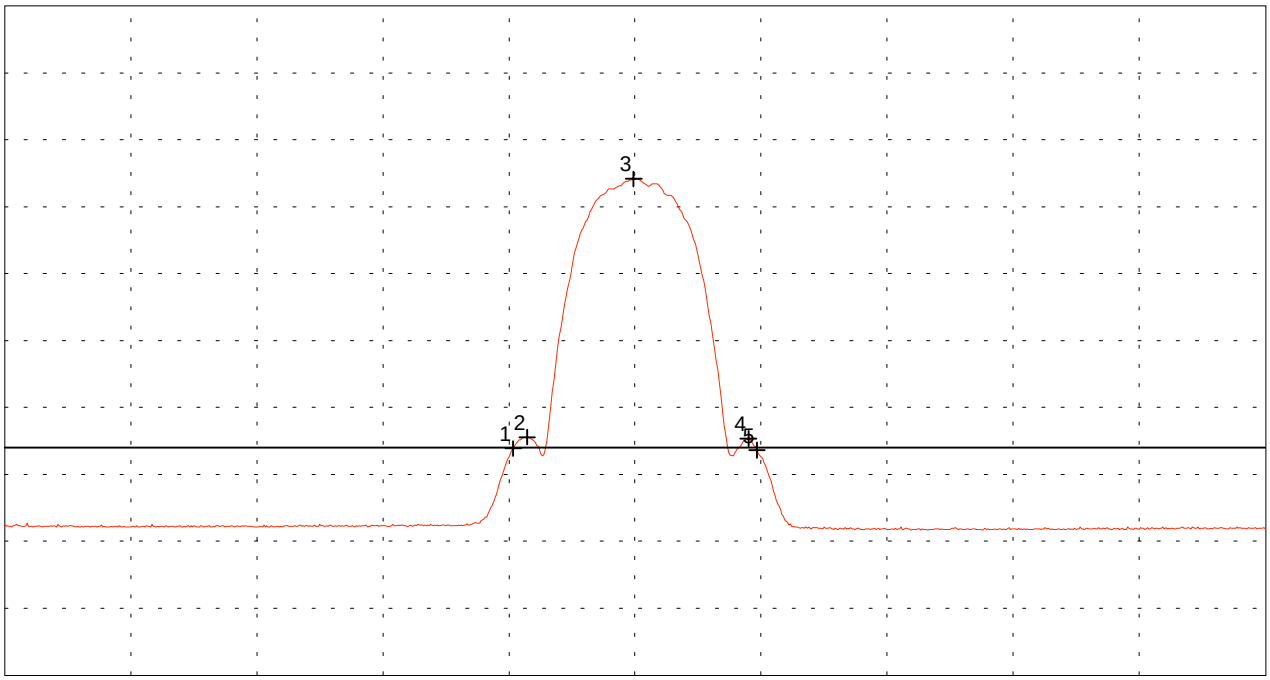
Note: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 97.1 dBµV/m.

Result: The limits are kept

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.367 GHz Stop 2.517 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

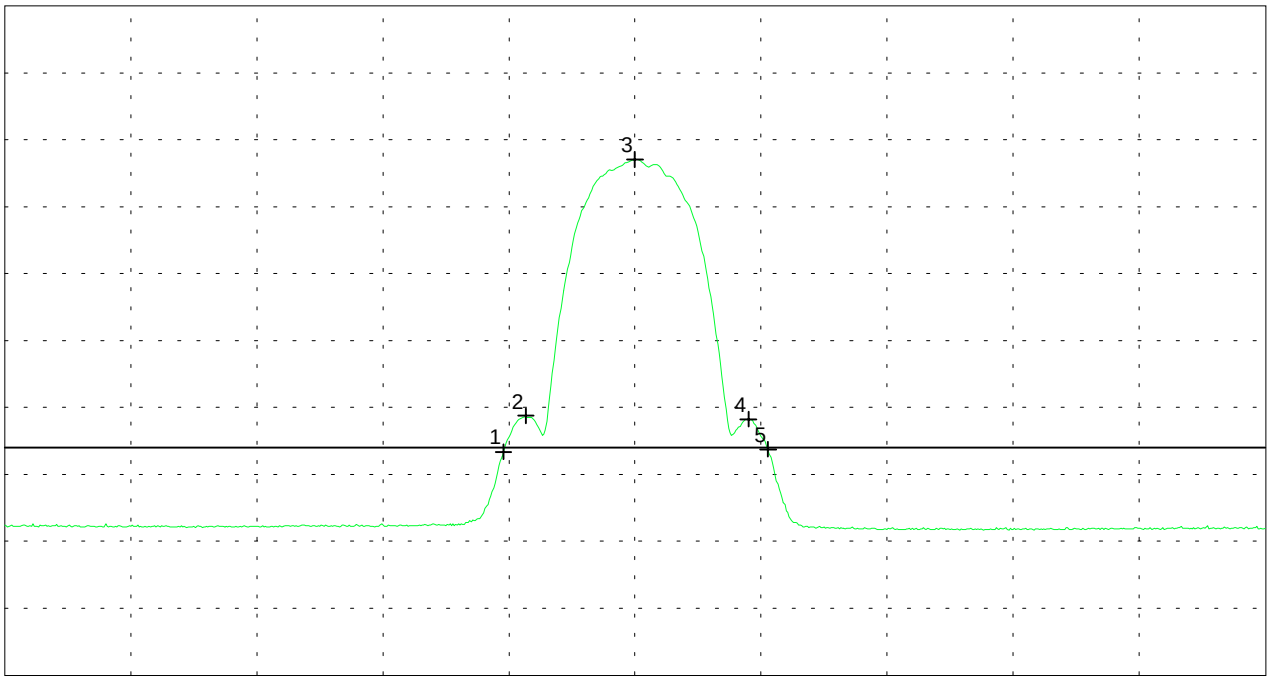
No. 1	2.427500 GHz	53.86 dBµV/m
No. 2	2.429167 GHz	55.56 dBµV/m
No. 3	2.441833 GHz	94.16 dBµV/m
No. 4	2.455500 GHz	55.31 dBµV/m
No. 5	2.456500 GHz	53.61 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.442 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.367 GHz Stop 2.517 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

No. 1	2.426333 GHz	53.33 dBµV
No. 2	2.429000 GHz	58.74 dBµV
No. 3	2.442000 GHz	97.05 dBµV
No. 4	2.455500 GHz	58.23 dBµV
No. 5	2.457833 GHz	53.73 dBµV

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz (Additional Test Results) according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 2 Mbps

- TX mode with f = 2.442 GHz

Detector: Peak

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
2.4327	vertical	52.6	0.6	20.7	74.0	OB
2.4438	vertical	79.6	0.6	20.7	101.0	OB
2.4525	vertical	51.5	0.6	20.7	72.9	OB
4.8841	horizontal	20.9	0.9	27.3	49.0	74

Note 1: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 101.0 dBµV/m.

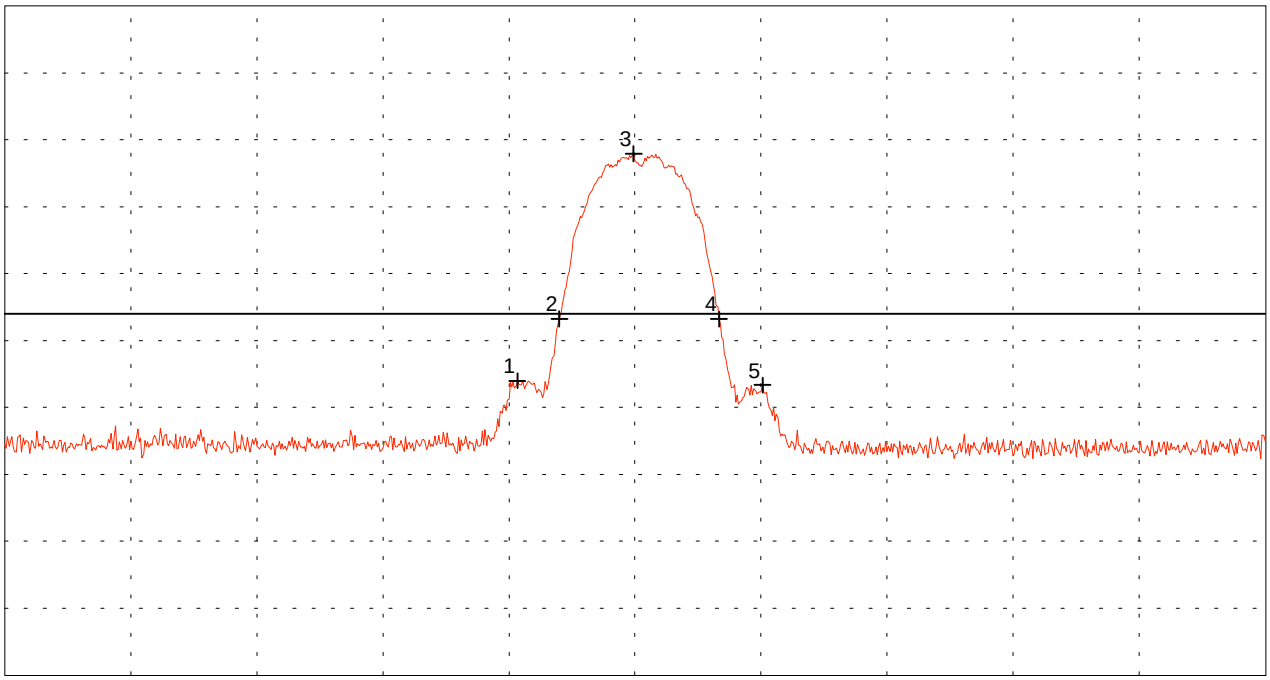
Note 2: Extent of testing harmonics with 2 Mbps selected according to results of rac emission with 11 Mbps (peak)

Result: The limits are kept

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.442 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.367 GHz Stop 2.517 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

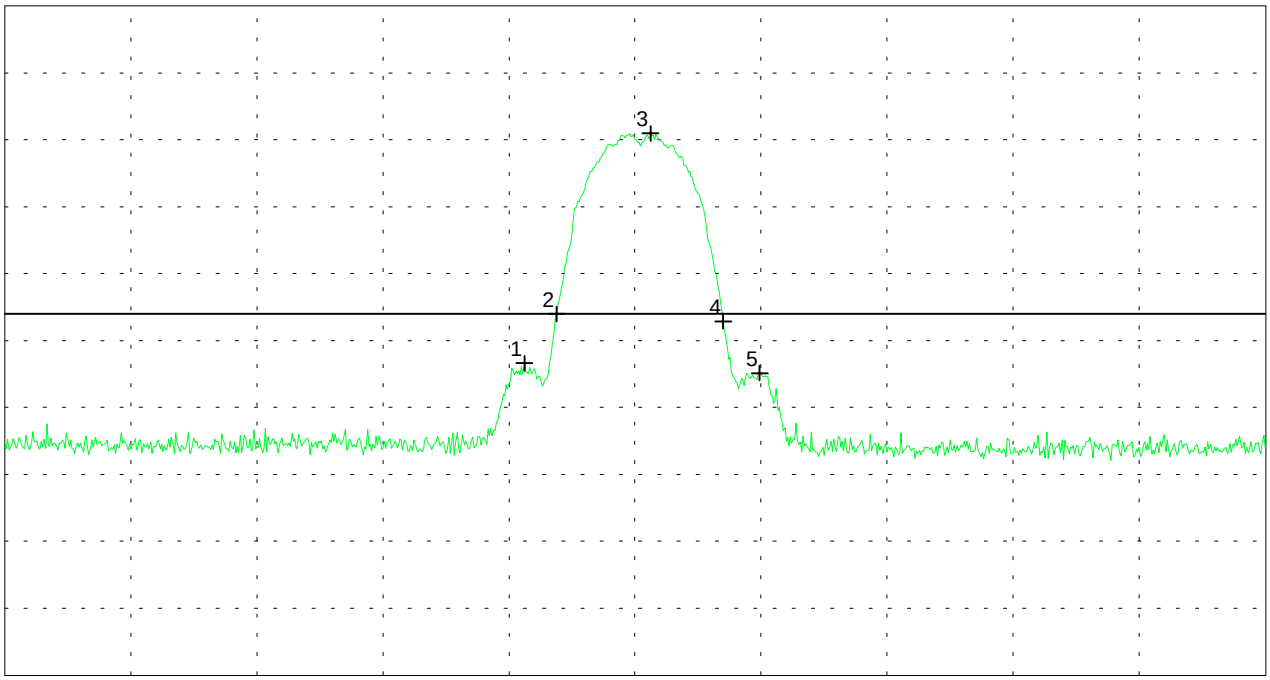
No. 1	2.428000 GHz	63.97 dBµV/m
No. 2	2.433000 GHz	73.24 dBµV/m
No. 3	2.441833 GHz	97.92 dBµV/m
No. 4	2.452000 GHz	73.21 dBµV/m
No. 5	2.457167 GHz	63.33 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.442 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.367 GHz Stop 2.517 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

No. 1	2.428833 GHz	66.58 dBµV/m
No. 2	2.432667 GHz	73.95 dBµV/m
No. 3	2.443833 GHz	100.96 dBµV/m
No. 4	2.452500 GHz	72.85 dBµV/m
No. 5	2.456833 GHz	65.11 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz (Additional Test Results) according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 2 Mbps

- TX mode with f = 2.442 GHz

Detector: Average

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
2.4262	vertical	32.3	0.6	20.7	53.6	OB
2.4428	vertical	76.0	0.6	20.7	97.3	OB
2.4580	vertical	32.4	0.6	20.7	53.7	OB
4.8841	horizontal	15.1	0.9	27.3	43.3	54

Note 1: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 97.3 dBµV/m.

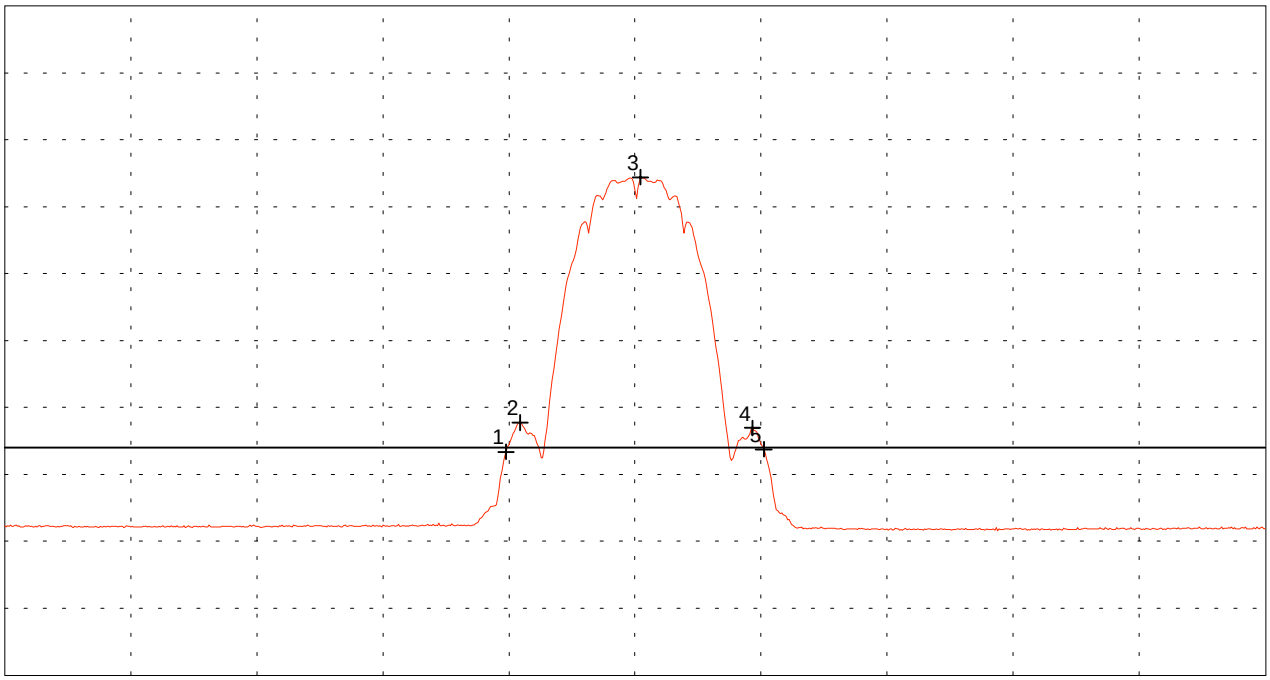
Note 2: Extent of testing harmonics with 2 Mbps selected according to results of rad emission with 11 Mbps (peak)

Result: The limits are kept

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.442 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.367 GHz Stop 2.517 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

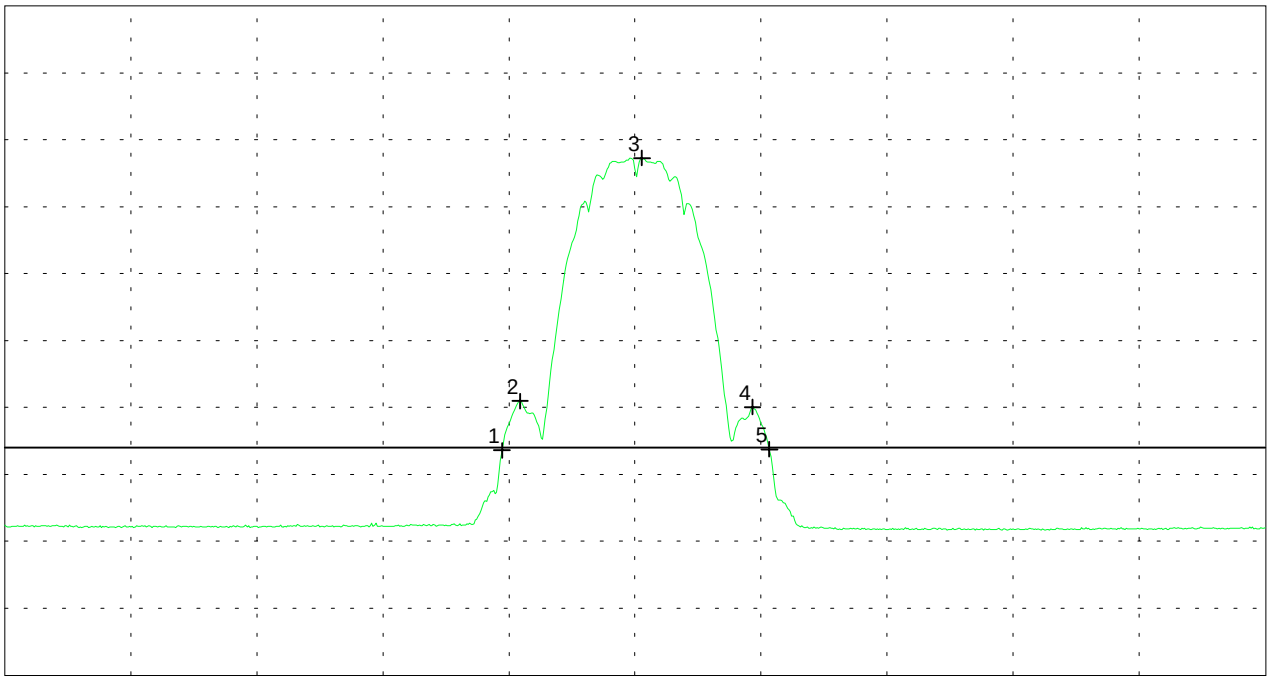
No. 1	2.426667 GHz	53.33 dBµV/m
No. 2	2.428333 GHz	57.72 dBµV/m
No. 3	2.442667 GHz	94.39 dBµV/m
No. 4	2.456000 GHz	56.91 dBµV/m
No. 5	2.457333 GHz	53.73 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.442 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.367 GHz Stop 2.517 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

No. 1	2.426167 GHz	53.58 dBµV/m
No. 2	2.428333 GHz	60.94 dBµV/m
No. 3	2.442833 GHz	97.28 dBµV/m
No. 4	2.456000 GHz	60.06 dBµV/m
No. 5	2.458000 GHz	53.73 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz
according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.462 GHz

Detector: Peak

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
2.4525	vertical	52.1	0.6	20.7	73.4	OB
2.4628	vertical	82.3	0.6	20.7	103.7	OB
2.4725	vertical	51.8	0.6	20.7	73.1	OB
2.4835	vertical	32.2	0.6	20.7	53.5	74
2.4885	vertical	34.6	0.6	20.7	55.9	74
2.5000	vertical	32.4	0.6	20.7	53.8	74
4.9296	horizontal	16.3	0.9	27.3	44.4	74
7.3879	horizontal	9.9	1.1	30.0	40.9	74
9.8473	horizontal	9.6	1.3	33.4	44.3	74

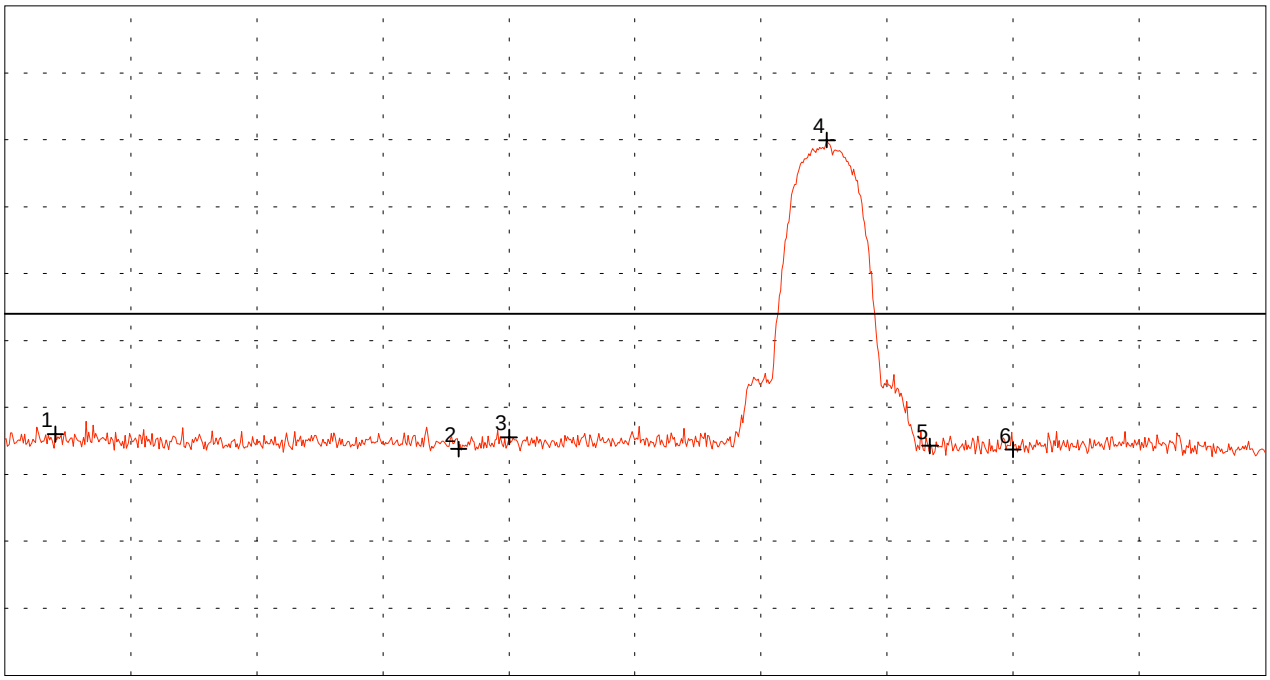
Note: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 103.7 dBµV/m.

Result: The limits are kept

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.300 GHz Stop 2.550 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

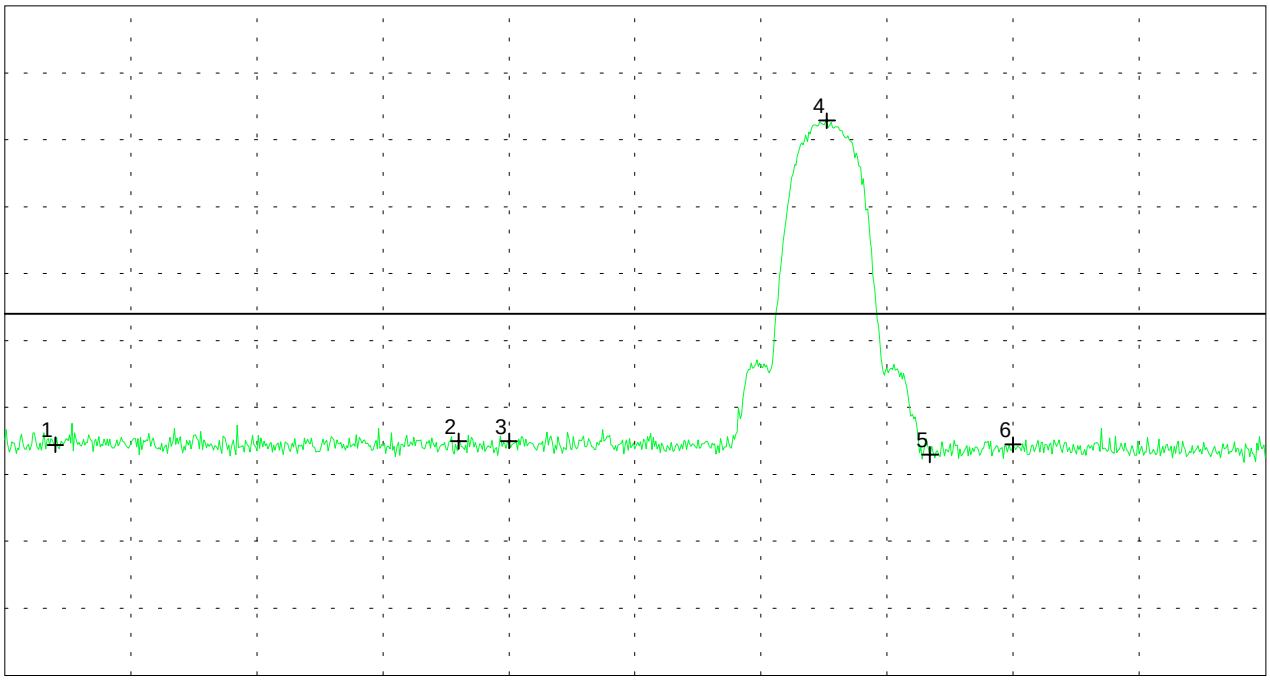
No. 1	2.310000 GHz	55.99 dBµV/m
No. 2	2.390000 GHz	53.78 dBµV/m
No. 3	2.400000 GHz	55.56 dBµV/m
No. 4	2.463056 GHz	99.95 dBµV/m
No. 5	2.483500 GHz	54.24 dBµV/m
No. 6	2.500000 GHz	53.66 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.300 GHz Stop 2.550 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

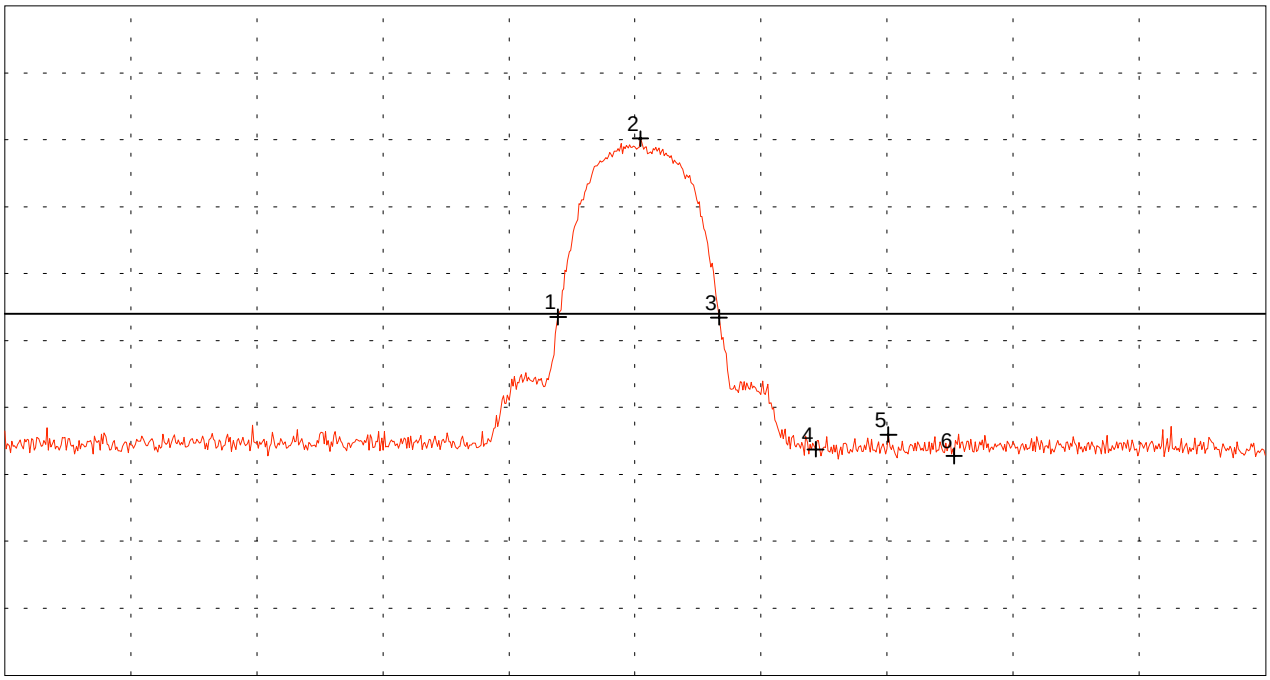
No. 1	2.310000 GHz	54.42 dBµV/m
No. 2	2.390000 GHz	54.93 dBµV/m
No. 3	2.400000 GHz	54.98 dBµV/m
No. 4	2.463056 GHz	102.87 dBµV/m
No. 5	2.483500 GHz	52.92 dBµV/m
No. 6	2.500000 GHz	54.44 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.387 GHz Stop 2.537 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

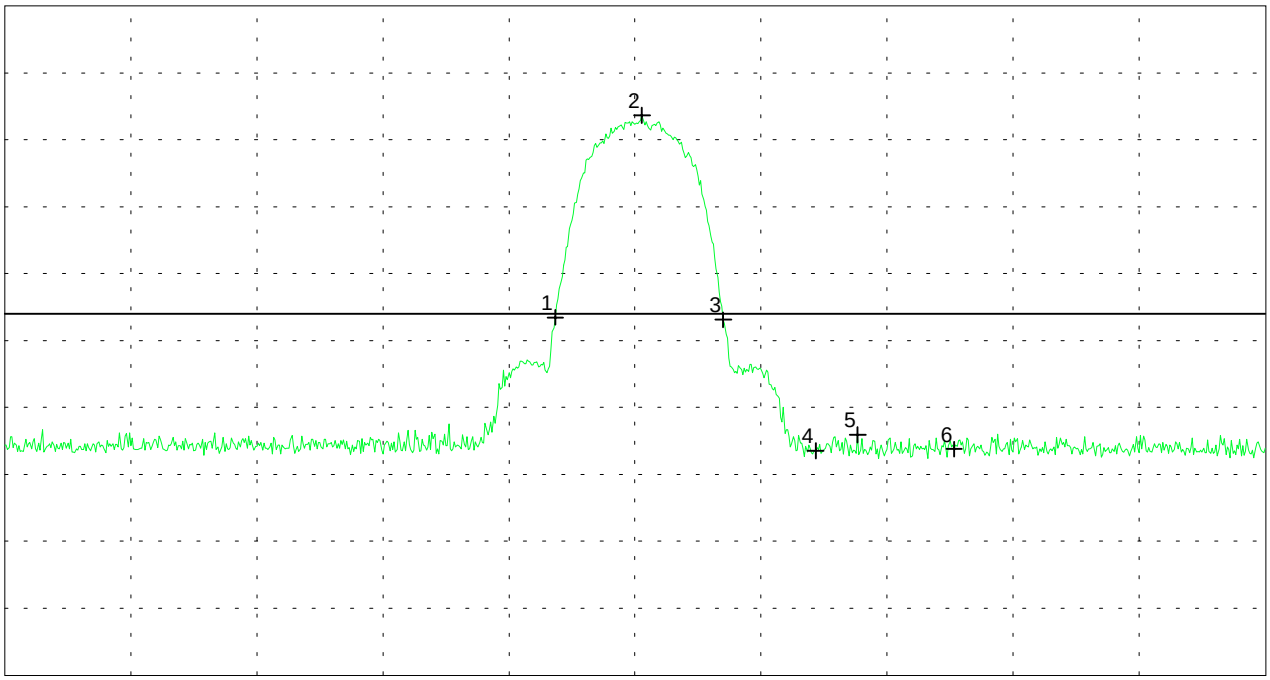
No. 1	2.452833 GHz	73.51 dBµV/m
No. 2	2.462667 GHz	100.20 dBµV/m
No. 3	2.472000 GHz	73.44 dBµV/m
No. 4	2.483500 GHz	53.73 dBµV/m
No. 5	2.492167 GHz	55.94 dBµV/m
No. 6	2.500000 GHz	52.74 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.387 GHz Stop 2.537 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

No. 1	2.452500 GHz	73.44 dBµV/m
No. 2	2.462833 GHz	103.66 dBµV/m
No. 3	2.472500 GHz	73.11 dBµV/m
No. 4	2.483500 GHz	53.50 dBµV/m
No. 5	2.488500 GHz	55.89 dBµV/m
No. 6	2.500000 GHz	53.76 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz
according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- TX mode with f = 2.462 GHz

Detector: Average

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
1.0972	vertical	< 12.2	0.5	26.1	< 38.7	54
1.3967	vertical	< 10.4	0.5	26.6	< 37.5	54
1.6961	horizontal	< 11.5	0.5	27.7	< 39.7	54
2.4465	vertical	32.4	0.6	20.7	53.7	OB
2.4623	vertical	75.9	0.6	20.7	97.2	OB
2.4777	vertical	32.5	0.6	20.7	53.8	OB
2.4835	vertical	20.5	0.6	20.7	41.8	54
2.4850	vertical	20.7	0.6	20.7	42.0	54
2.5000	vertical	20.4	0.6	20.7	41.8	54
4.9241	horizontal	14.1	0.9	27.3	42.2	54

Note: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 97.2 dBµV/m.

Result: The limits are kept

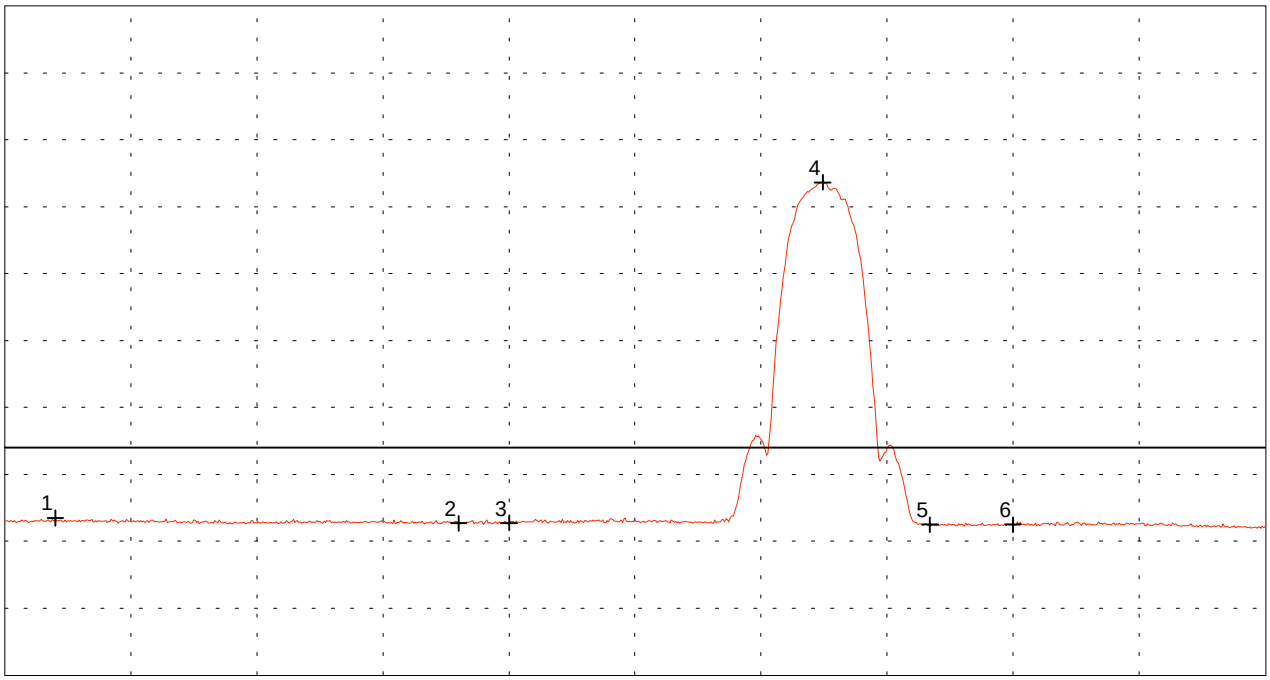
Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m
10 dB/Div.

ATT 5 dB

Ref. Offset 21.3 dB



Start 2.300 GHz
RBW 1 MHz

VBW 3 kHz

Stop 2.550 GHz
SWP 260 ms

Multi Marker List

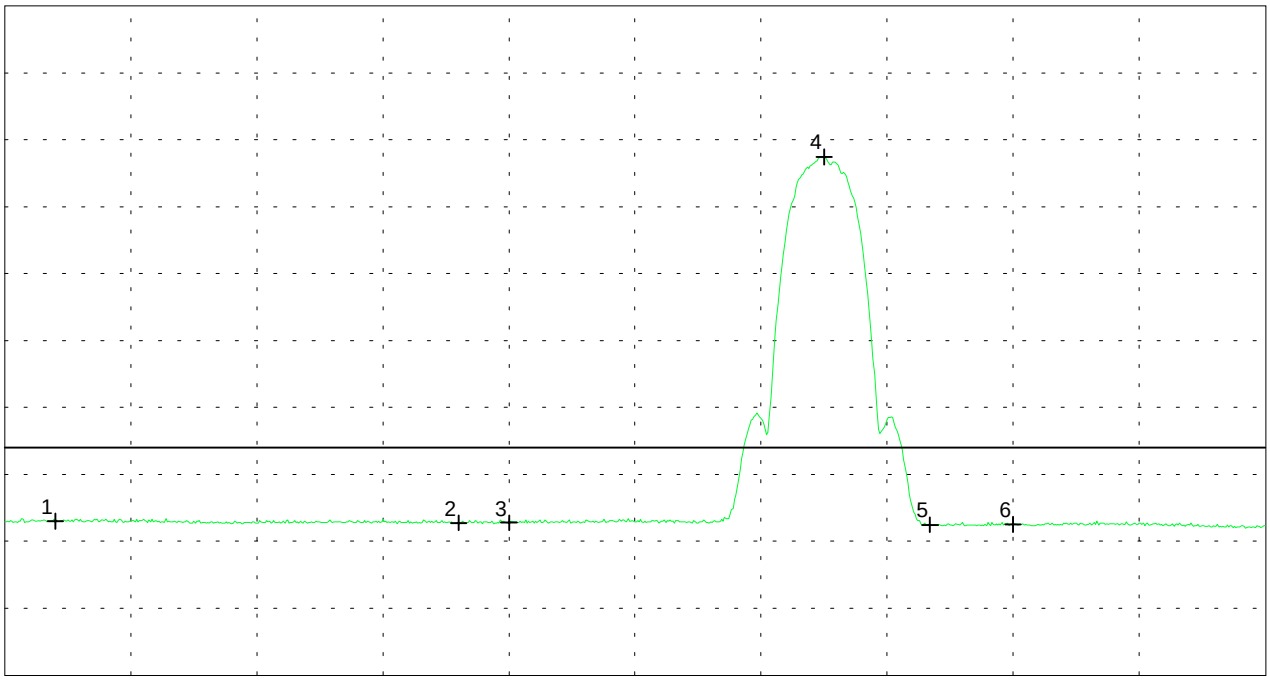
No. 1	2.310000 GHz	43.47 dBµV/m
No. 2	2.390000 GHz	42.66 dBµV/m
No. 3	2.400000 GHz	42.71 dBµV/m
No. 4	2.462222 GHz	93.65 dBµV/m
No. 5	2.483500 GHz	42.48 dBµV/m
No. 6	2.500000 GHz	42.48 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.300 GHz Stop 2.550 GHz
RBW 1 MHz VBW 3 kHz SWP 260 ms

Multi Marker List

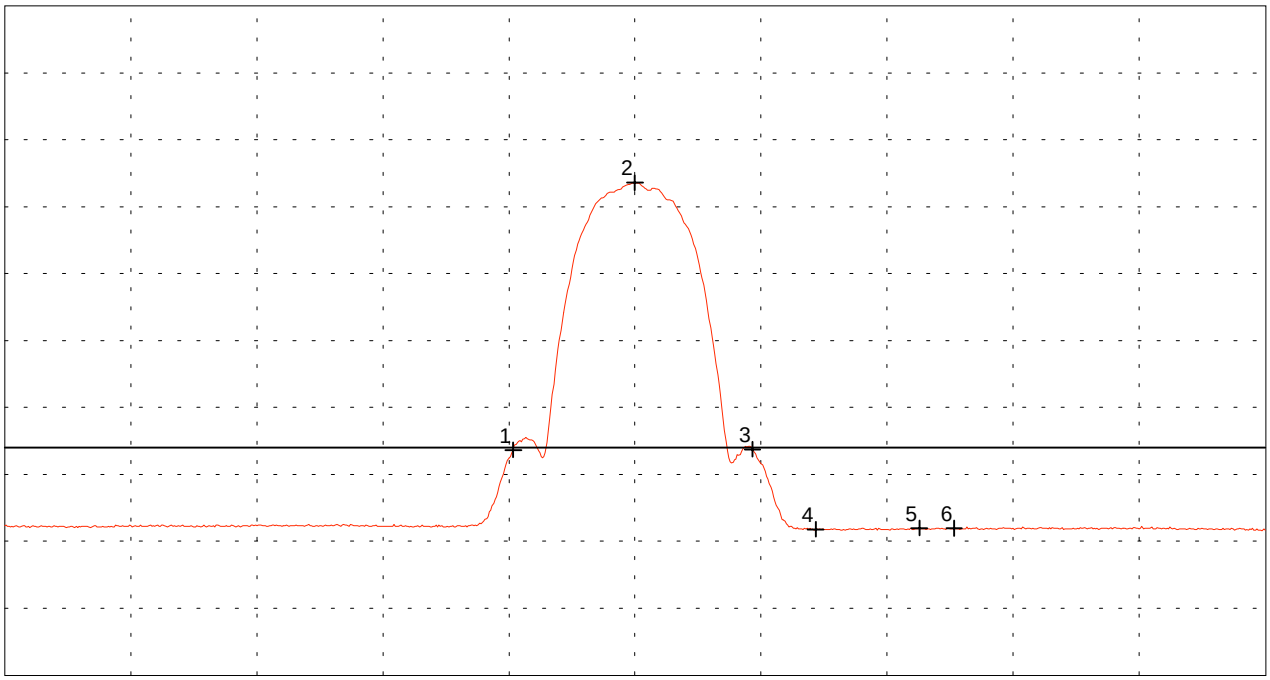
No. 1	2.310000 GHz	42.99 dBµV/m
No. 2	2.390000 GHz	42.74 dBµV/m
No. 3	2.400000 GHz	42.76 dBµV/m
No. 4	2.462500 GHz	97.44 dBµV/m
No. 5	2.483500 GHz	42.46 dBµV/m
No. 6	2.500000 GHz	42.51 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.387 GHz Stop 2.537 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

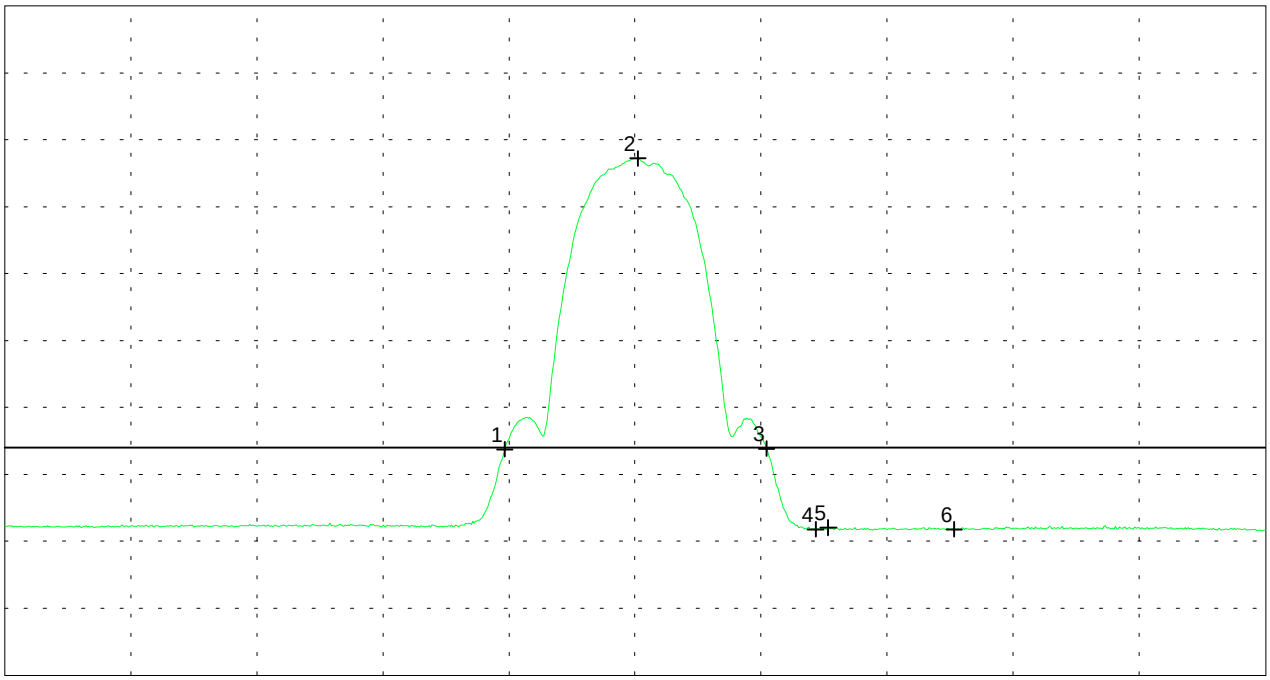
No. 1	2.447500 GHz	53.63 dBµV/m
No. 2	2.462000 GHz	93.58 dBµV/m
No. 3	2.476000 GHz	53.71 dBµV/m
No. 4	2.483500 GHz	41.77 dBµV/m
No. 5	2.495833 GHz	41.98 dBµV/m
No. 6	2.500000 GHz	41.92 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.387 GHz Stop 2.537 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

No. 1	2.446500 GHz	53.71 dBµV/m
No. 2	2.462333 GHz	97.23 dBµV/m
No. 3	2.477667 GHz	53.83 dBµV/m
No. 4	2.483500 GHz	41.77 dBµV/m
No. 5	2.485000 GHz	42.03 dBµV/m
No. 6	2.500000 GHz	41.77 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz (Additional Test Results) according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 2 Mbps

- TX mode with f = 2.462 GHz

Detector: Peak

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
2.4525	vertical	51.7	0.6	20.7	73.0	OB
2.4607	vertical	79.8	0.6	20.7	101.1	OB
2.4725	vertical	52.2	0.6	20.7	73.5	OB
2.4835	vertical	32.4	0.6	20.7	53.7	74
2.4898	vertical	35.4	0.6	20.7	56.8	74
2.5000	vertical	32.2	0.6	20.7	53.5	74
4.9242	horizontal	20.2	0.9	27.3	48.3	74
7.3874	horizontal	10.1	1.1	30.0	41.1	74

Note 1: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 101.1 dBµV/m.

Note 2: Extent of testing harmonics with 2 Mbps selected according to results of rad emission with 11 Mbps (peak)

Result: The limits are kept

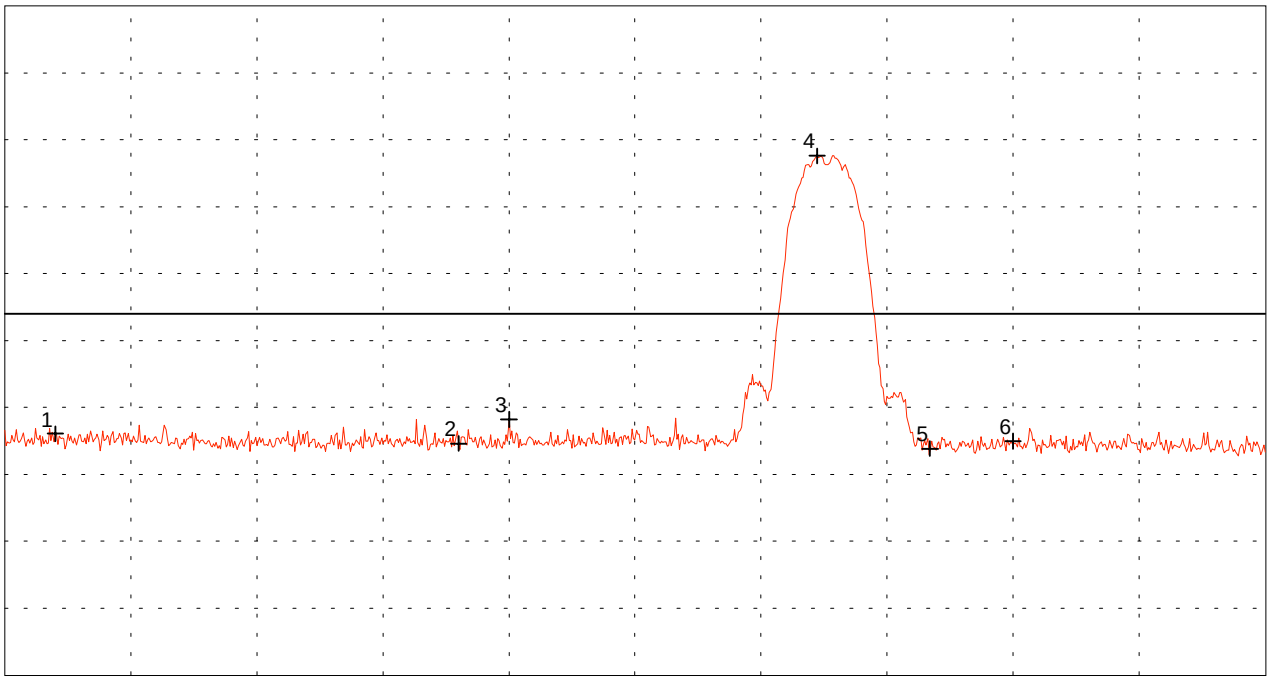
Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m
10 dB/Div.

ATT 5 dB

Ref. Offset 21.3 dB



Start 2.300 GHz
RBW 1 MHz

VBW 1 MHz

Stop 2.550 GHz
SWP 20 ms

Multi Marker List

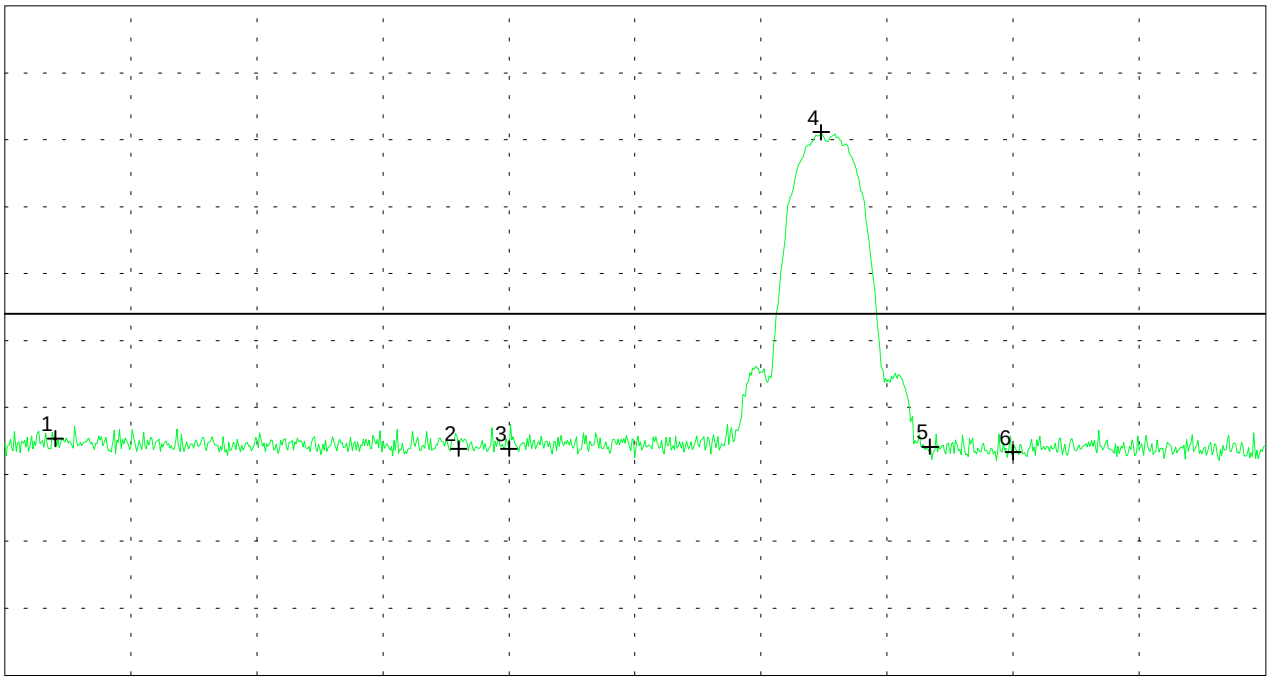
No. 1	2.310000 GHz	56.07 dBµV/m
No. 2	2.390000 GHz	54.60 dBµV/m
No. 3	2.400000 GHz	58.18 dBµV/m
No. 4	2.461111 GHz	97.61 dBµV/m
No. 5	2.483500 GHz	53.83 dBµV/m
No. 6	2.500000 GHz	54.95 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.300 GHz Stop 2.550 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

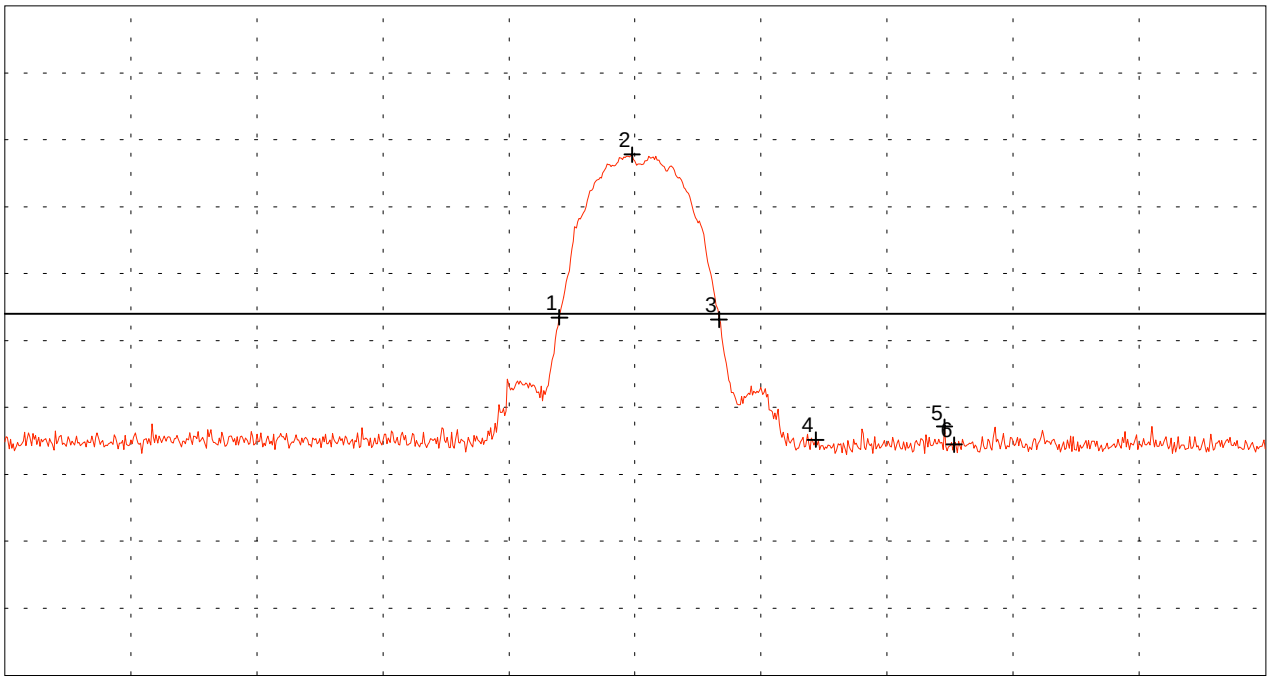
No. 1	2.310000 GHz	55.31 dBµV/m
No. 2	2.390000 GHz	53.81 dBµV/m
No. 3	2.400000 GHz	53.83 dBµV/m
No. 4	2.461944 GHz	101.14 dBµV/m
No. 5	2.483500 GHz	54.11 dBµV/m
No. 6	2.500000 GHz	53.28 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.387 GHz Stop 2.537 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

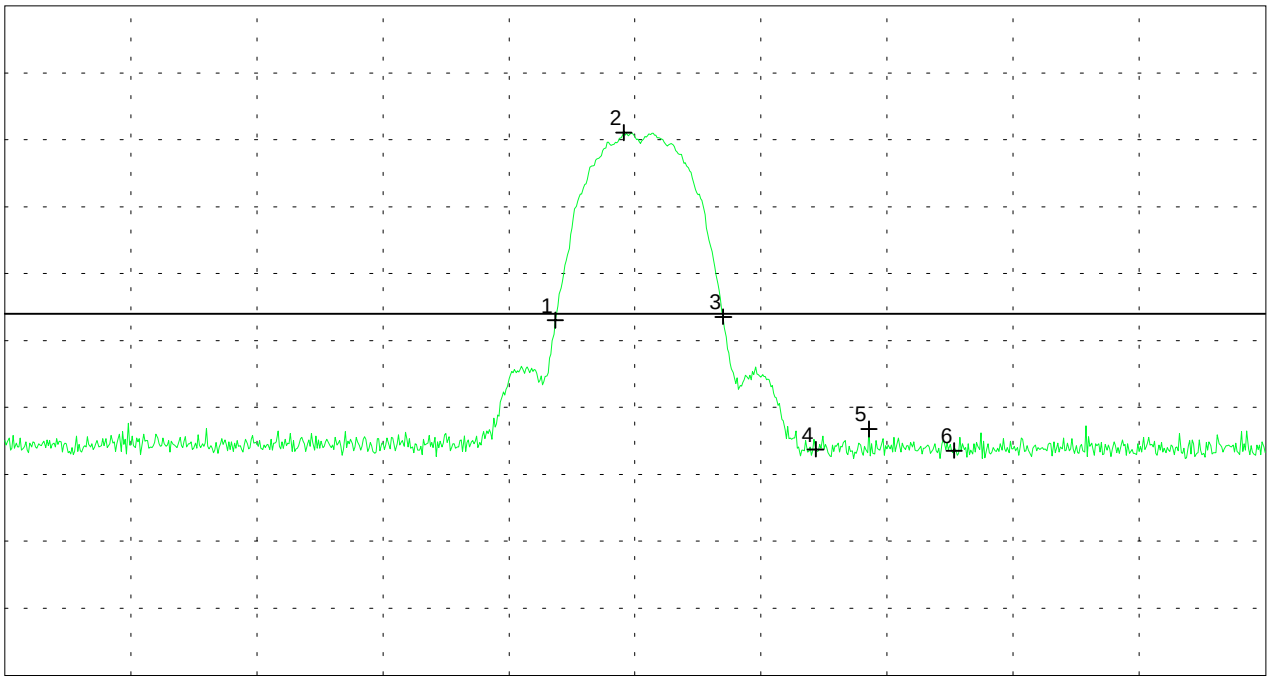
No. 1	2.453000 GHz	73.44 dBµV/m
No. 2	2.461667 GHz	97.79 dBµV/m
No. 3	2.472000 GHz	73.13 dBµV/m
No. 4	2.483500 GHz	55.15 dBµV/m
No. 5	2.498833 GHz	57.11 dBµV/m
No. 6	2.500000 GHz	54.44 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.387 GHz Stop 2.537 GHz
RBW 1 MHz VBW 1 MHz SWP 20 ms

Multi Marker List

No. 1	2.452500 GHz	73.03 dBµV/m
No. 2	2.460667 GHz	101.07 dBµV/m
No. 3	2.472500 GHz	73.54 dBµV/m
No. 4	2.483500 GHz	53.71 dBµV/m
No. 5	2.489833 GHz	56.75 dBµV/m
No. 6	2.500000 GHz	53.53 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz (Additional Test Results) according to FCC Part 15 Subpart C (§15.247.c, §15.209, §15.205.a,b)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 2 Mbps

- TX mode with f = 2.462 GHz

Detector: Average

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
2.4462	vertical	32.3	0.6	20.7	53.6	OB
2.4628	vertical	76.1	0.6	20.7	97.4	OB
2.4780	vertical	32.4	0.6	20.7	53.8	OB
2.4835	vertical	20.8	0.6	20.7	42.1	54
2.4983	vertical	20.8	0.6	20.7	42.1	54
2.5000	vertical	20.5	0.6	20.7	41.9	54
4.9241	horizontal	14.4	0.9	27.3	42.5	54

Note 1: OB means "operation band" (2400 - 2483.5 MHz); in this case limit is 1 W (measured conducted with power meter).
NRB means "non restricted band"; in this case limit is 20 dB below maximum in-band-power equivalent to 97.4 dBµV/m.

Note 2: Extent of testing harmonics with 2 Mbps selected according to results of radiated emission with 11 Mbps (peak)

Result: The limits are kept

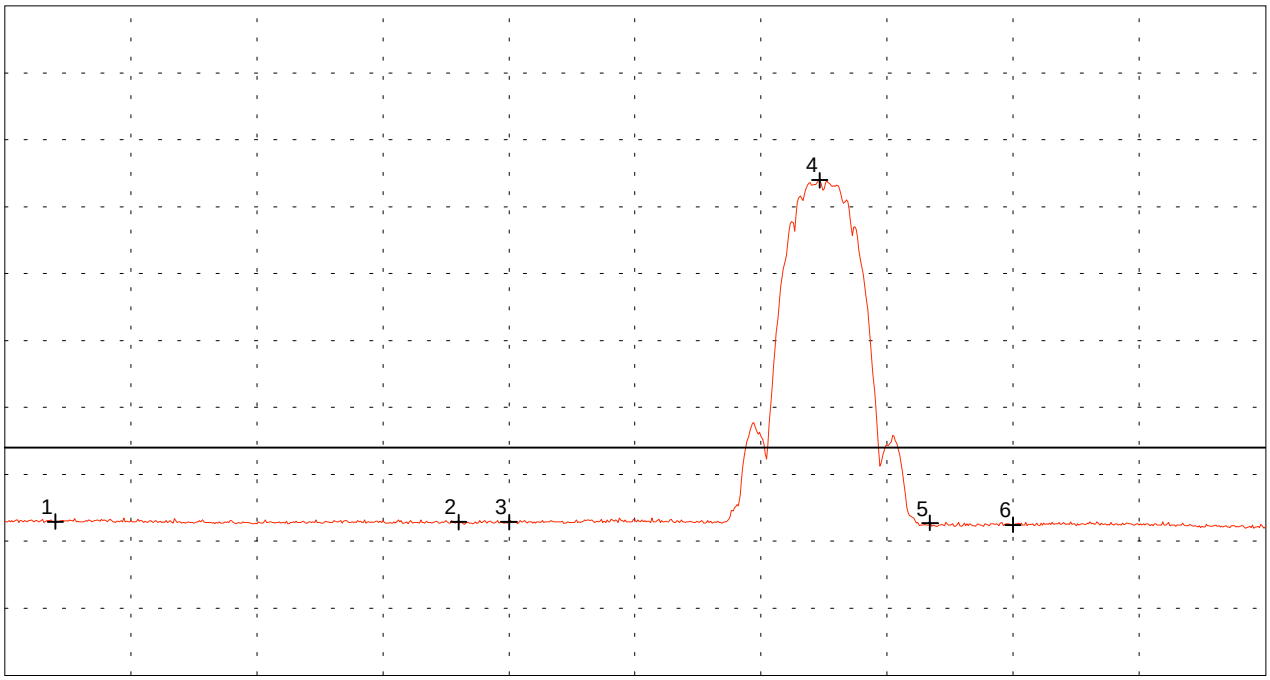
Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m
10 dB/Div.

ATT 5 dB

Ref. Offset 21.3 dB



Start 2.300 GHz
RBW 1 MHz

VBW 3 kHz

Stop 2.550 GHz
SWP 260 ms

Multi Marker List

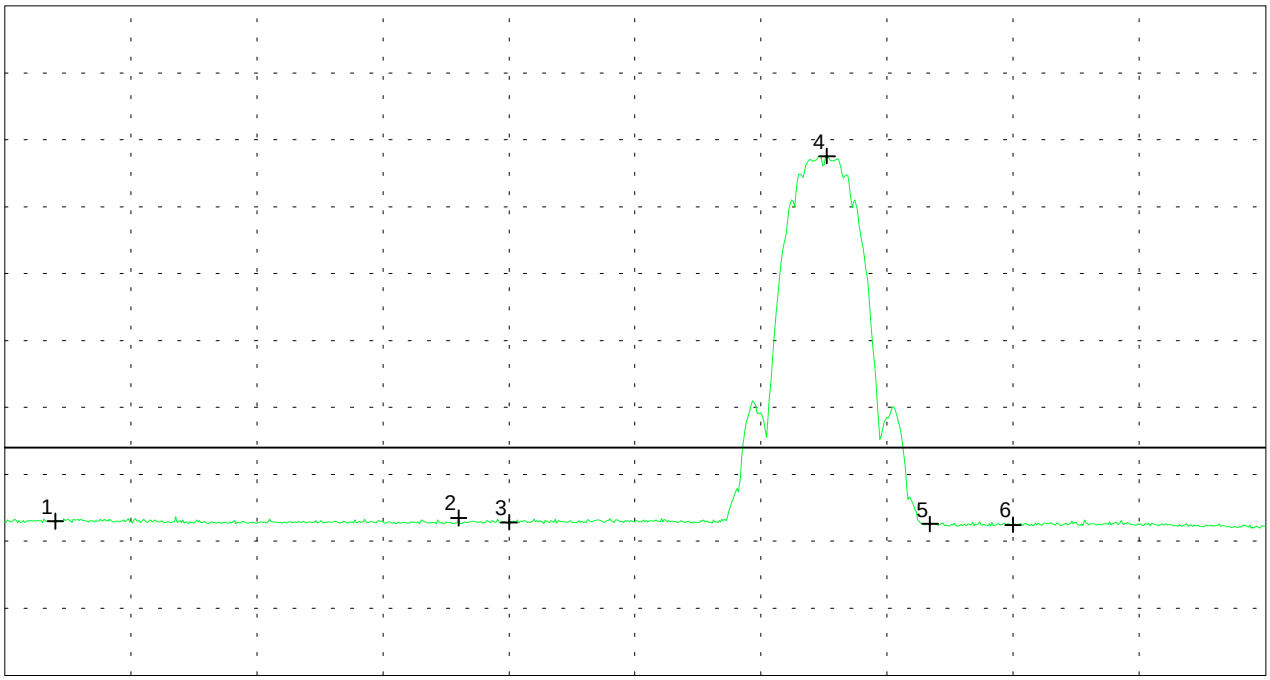
No. 1	2.310000 GHz	42.92 dBµV/m
No. 2	2.390000 GHz	42.86 dBµV/m
No. 3	2.400000 GHz	42.86 dBµV/m
No. 4	2.461667 GHz	93.98 dBµV/m
No. 5	2.483500 GHz	42.74 dBµV/m
No. 6	2.500000 GHz	42.43 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	
Overview scan checking restricted bands around operation band (acc. to §15.205)	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.300 GHz Stop 2.550 GHz
RBW 1 MHz VBW 3 kHz SWP 260 ms

Multi Marker List

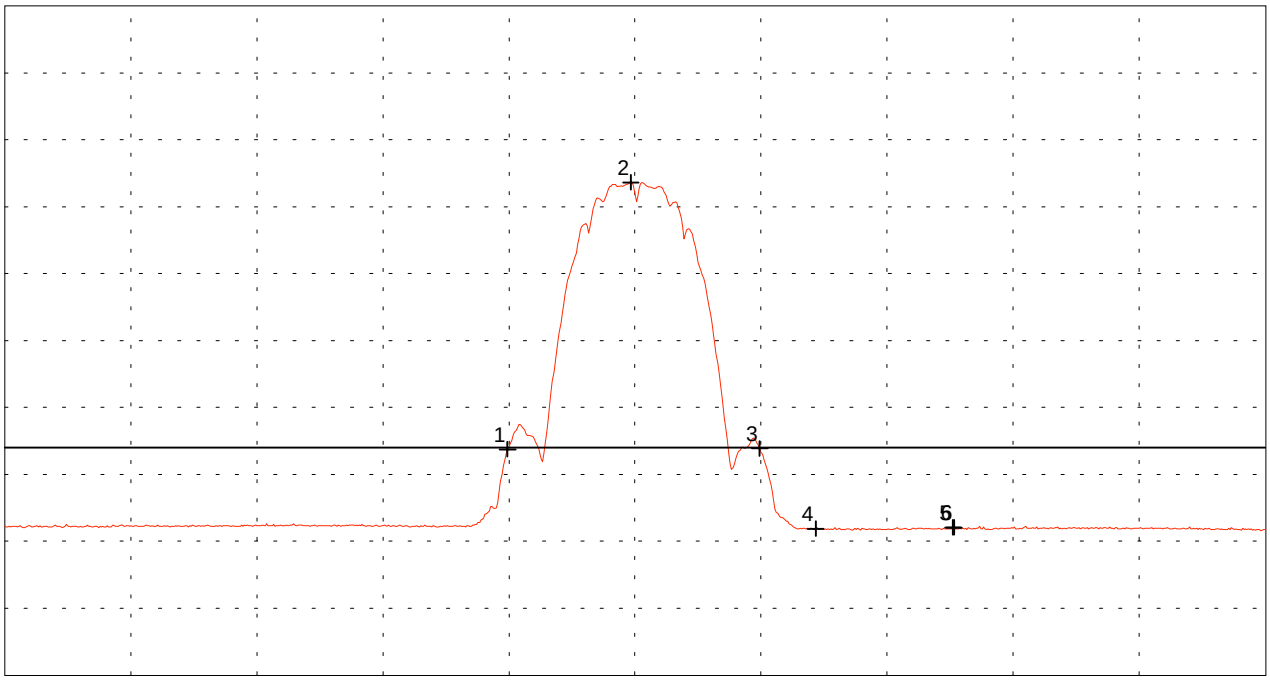
No. 1	2.310000 GHz	42.97 dBµV/m
No. 2	2.390000 GHz	43.45 dBµV/m
No. 3	2.400000 GHz	42.81 dBµV/m
No. 4	2.463056 GHz	97.56 dBµV/m
No. 5	2.483500 GHz	42.56 dBµV/m
No. 6	2.500000 GHz	42.46 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel A (red) = horizontal polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.387 GHz Stop 2.537 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

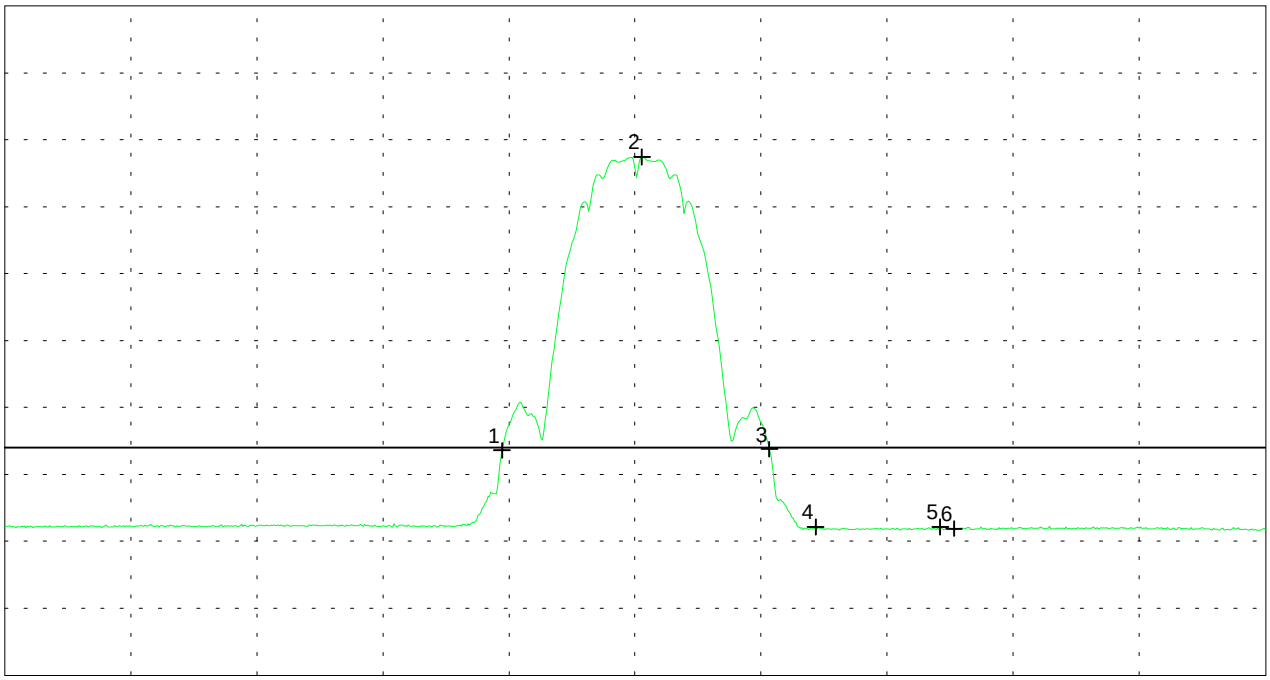
No. 1	2.446833 GHz	53.73 dBµV/m
No. 2	2.461500 GHz	93.65 dBµV/m
No. 3	2.476833 GHz	53.86 dBµV/m
No. 4	2.483500 GHz	41.85 dBµV/m
No. 5	2.499833 GHz	42.05 dBµV/m
No. 6	2.500000 GHz	42.05 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	

Radiated Emission 1 GHz - 25 GHz acc. to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode: - FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 2 Mbps - TX mode with f = 2.462 GHz Test distance 3 meters Channel B (green) = vertical polarization
Serial No.: 02UTENG00002	
Applicant: Agere Systems Nederland B.V.	

Ref.Level 120 dBµV/m ATT 5 dB Ref. Offset 21.3 dB
10 dB/Div.



Start 2.387 GHz Stop 2.537 GHz
RBW 1 MHz VBW 1 kHz SWP 460 ms

Multi Marker List

No. 1	2.446167 GHz	53.58 dBµV/m
No. 2	2.462833 GHz	97.44 dBµV/m
No. 3	2.478000 GHz	53.76 dBµV/m
No. 4	2.483500 GHz	42.13 dBµV/m
No. 5	2.498333 GHz	42.13 dBµV/m
No. 6	2.500000 GHz	41.85 dBµV/m

Tested by: Rainer Heller	Project-No.: 56305-20559-1
Date: 09/04/2002	Page 167 of 183 Pages

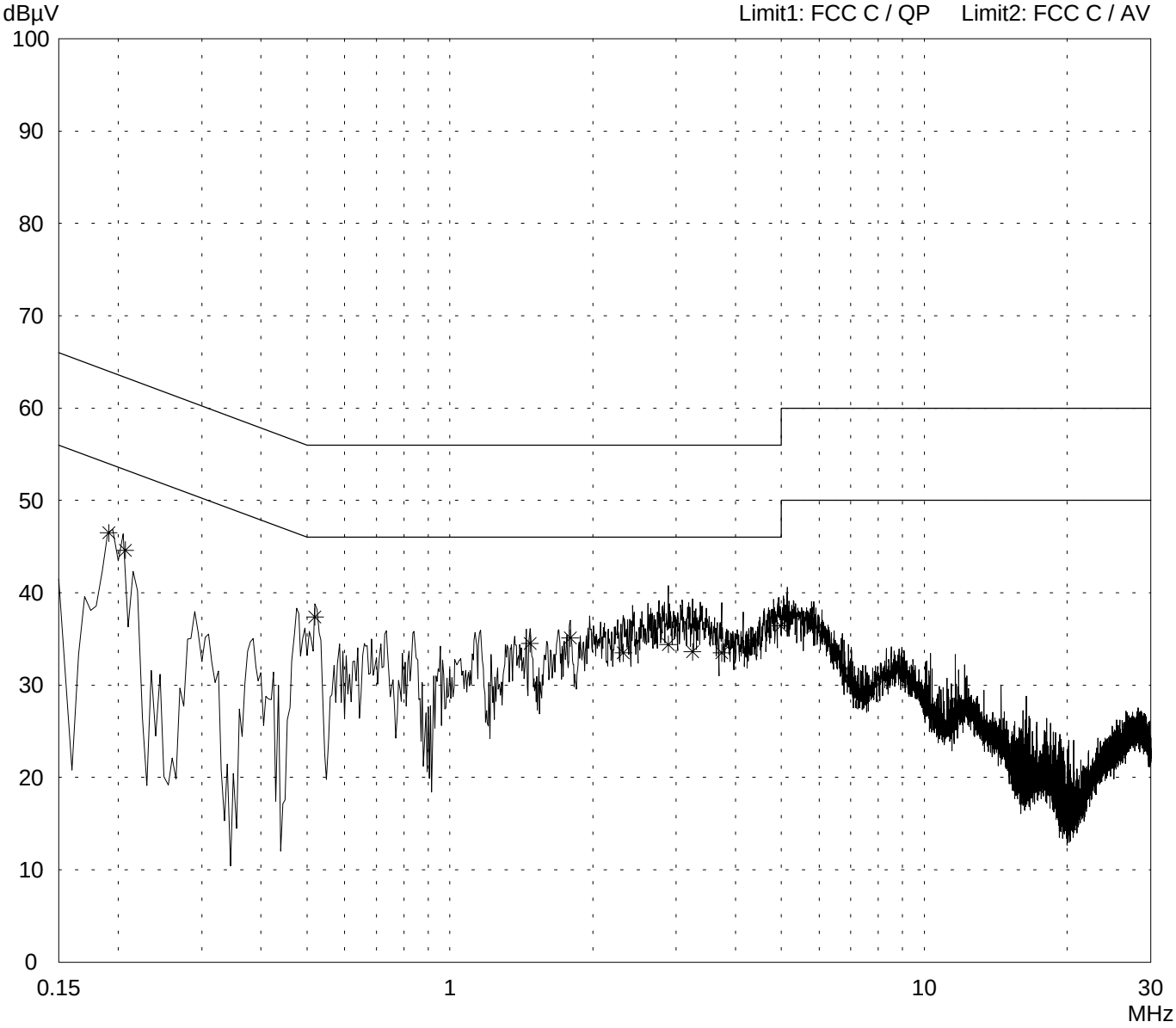
Test results for

Receive (RX) mode

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - RX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT (notebook) Phase L1	Final results with AV detector: 0.191 MHz: 36.9 dBµV 0.207 MHz: 35.9 dBµV
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak / Final Results: QP	Final results: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

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Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Shielded room, cabin no. 2

Tested on:
Linecord EUT (notebook)
Phase L1

Date of test: 09/10/2002

Operator: R. Heller

Test performed: automatically

File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- RX mode with f = 2.442 GHz

Final results with AV detector:
0.191 MHz: 36.9 dBµV
0.207 MHz: 35.9 dBµV

Detector:
Peak / Final Results: QP

Final results:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV*	*Limit dBµV*	*Limit exceeded*
0.191	46.5		46.5	64.0	
0.207	44.6		44.6	63.3	
0.520	37.4		37.4	56.0	
1.475	34.5		34.5	56.0	
1.795	35.1		35.1	56.0	
2.320	33.5		33.5	56.0	
2.885	34.4		34.4	56.0	
3.245	33.6		33.6	56.0	
3.740	33.5		33.5	56.0	
4.980	36.4		36.4	56.0	

Result:
Limit kept

Project file:
56305-20559-1

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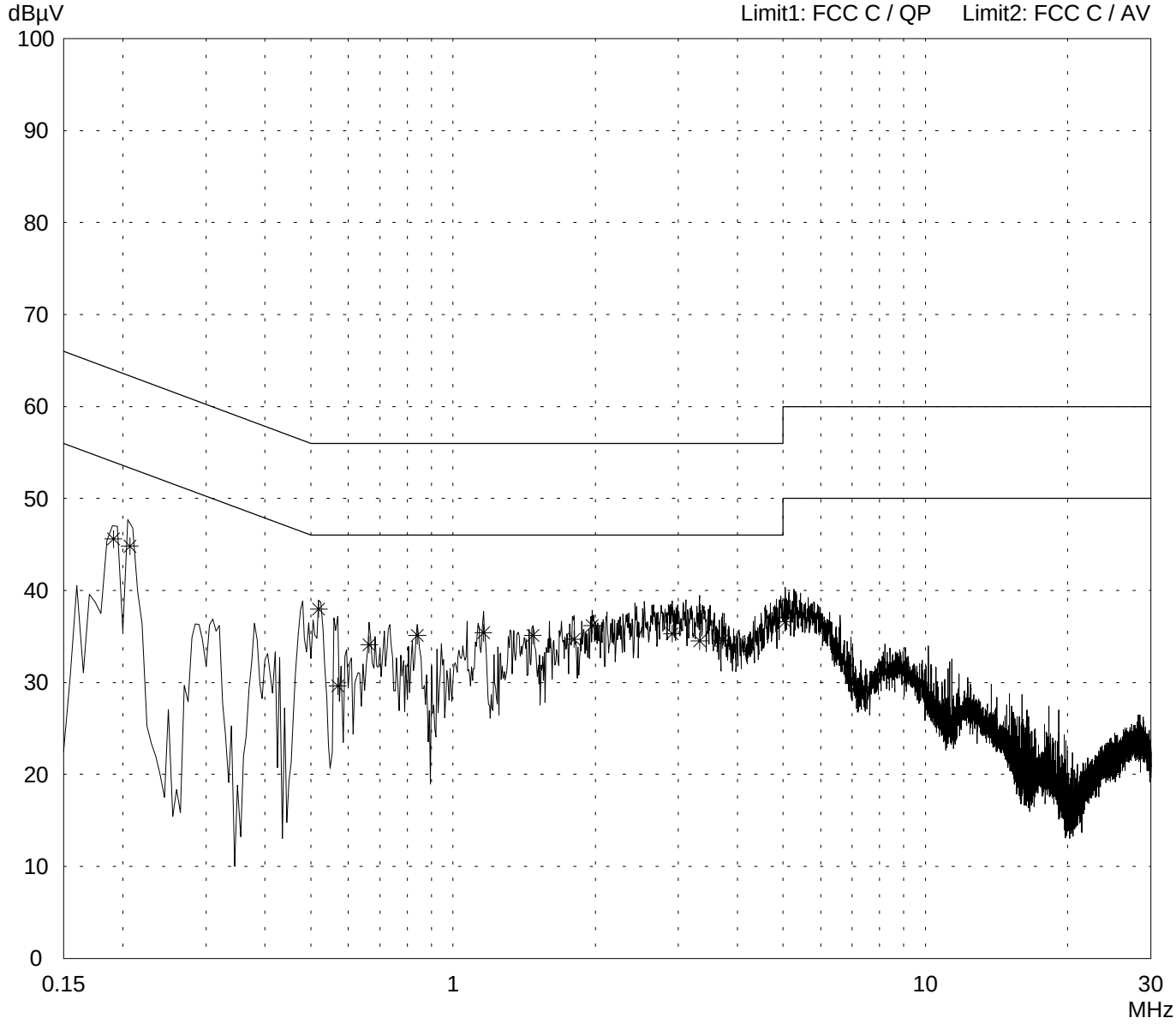
Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - operating with bit rate 11 Mbps - RX mode with f = 2.442 GHz Final results with AV detector: 0.191 MHz: 35.7 dBµV 0.207 MHz: 35.8 dBµV
Applicant: Agere Systems Nederland B.V.	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT (notebook) Phase N	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak / Final Results: QP	Final results: 20 dB Margin 25 Subranges



Result: Limit kept	Project file: 56305-20559-1

Conducted Emission Test 150 kHz - 30 MHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Shielded room, cabin no. 2

Tested on:
Linecord EUT (notebook)
Phase N

Date of test: 09/10/2002
Operator: R. Heller

Test performed: automatically
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- RX mode with f = 2.442 GHz

Final results with AV detector:
0.191 MHz: 35.7 dBµV
0.207 MHz: 35.8 dBµV

Detector:
Peak / Final Results: QP

Final results:
20 dB Margin 25 Subranges

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV*	*Limit dBµV*	*Limit exceeded*
0.191	45.6		45.6	64.0	
0.207	44.8		44.8	63.3	
0.520	38.0		38.0	56.0	
0.570	29.6		29.6	56.0	
0.665	34.1		34.1	56.0	
0.840	35.1		35.1	56.0	
1.160	35.4		35.4	56.0	
1.475	35.1		35.1	56.0	
1.805	34.7		34.7	56.0	
1.970	36.2		36.2	56.0	
2.910	35.3		35.3	56.0	
3.325	34.5		34.5	56.0	
3.720	34.6		34.6	56.0	
5.050	36.6		36.6	60.0	

Result:
Limit kept

Project file:
56305-20559-1

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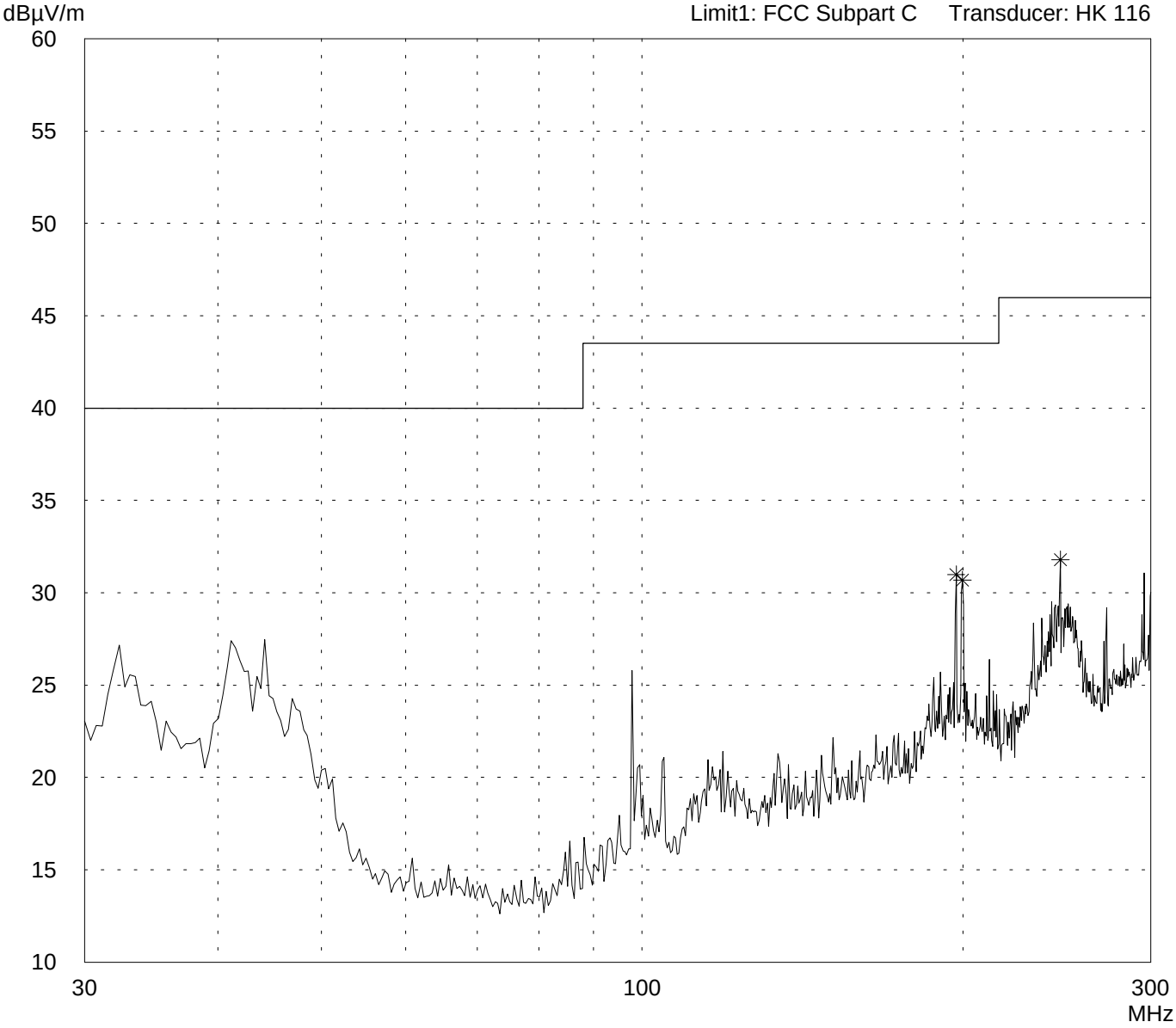
Radiated Emission Test 30 MHz - 300 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - RX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak	List of values: Selected by hand



Result: Prescan	Project file: 56305-20559-1

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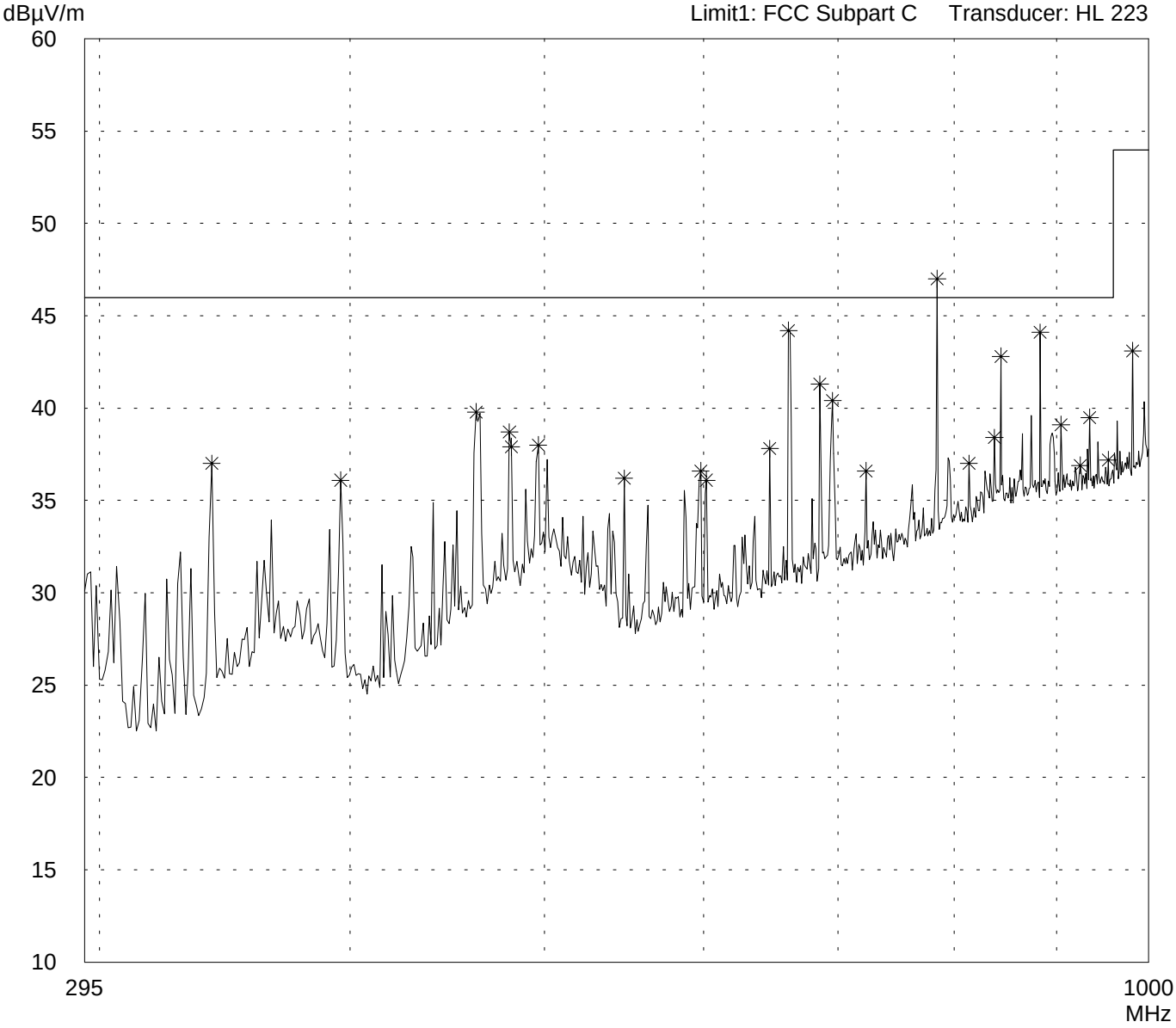
Radiated Emission Test 295 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - RX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

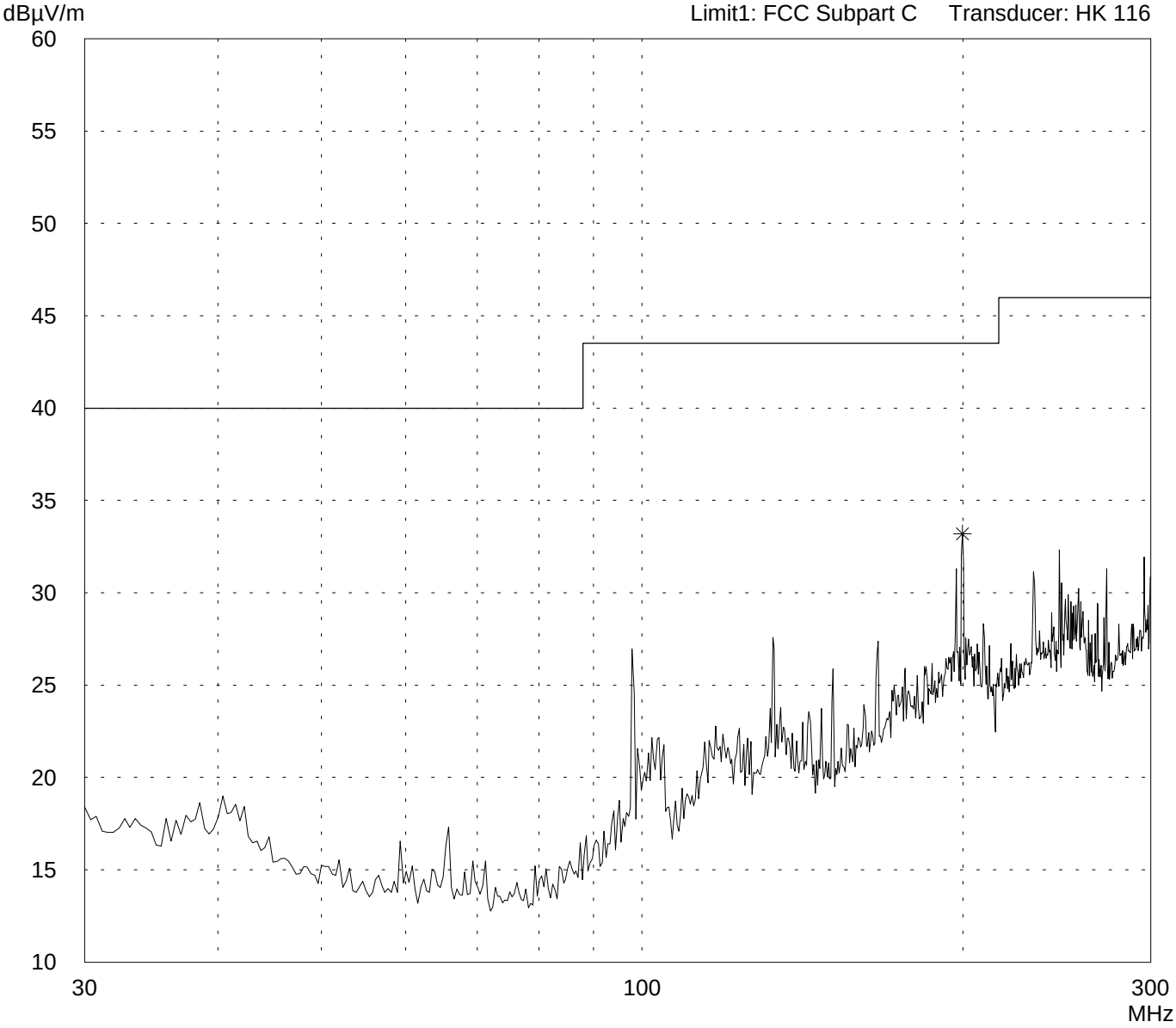
Detector: Peak	List of values: Selected by hand



Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 30 MHz - 300 MHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - RX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	
Detector: Peak	List of values: Selected by hand

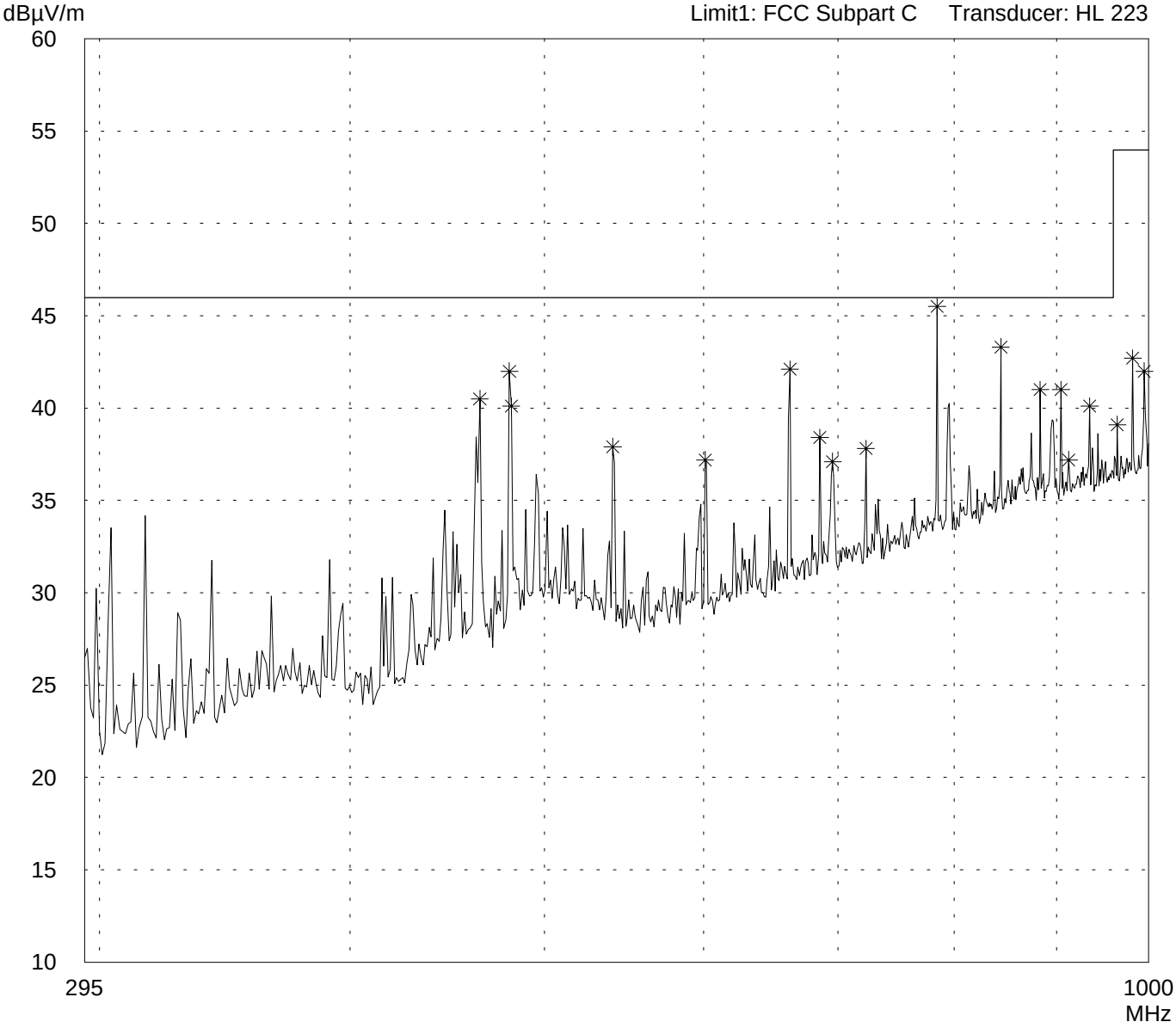


Result: Prescan	Project file: 56305-20559-1

Radiated Emission Test 295 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - RX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Semi anechoic room, cabin no. 3	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/10/2002 / Operator: R. Heller	
Test performed: automatically / File name:	

Detector: Peak	List of values: Selected by hand



Result: Prescan	Project file: 56305-20559-1

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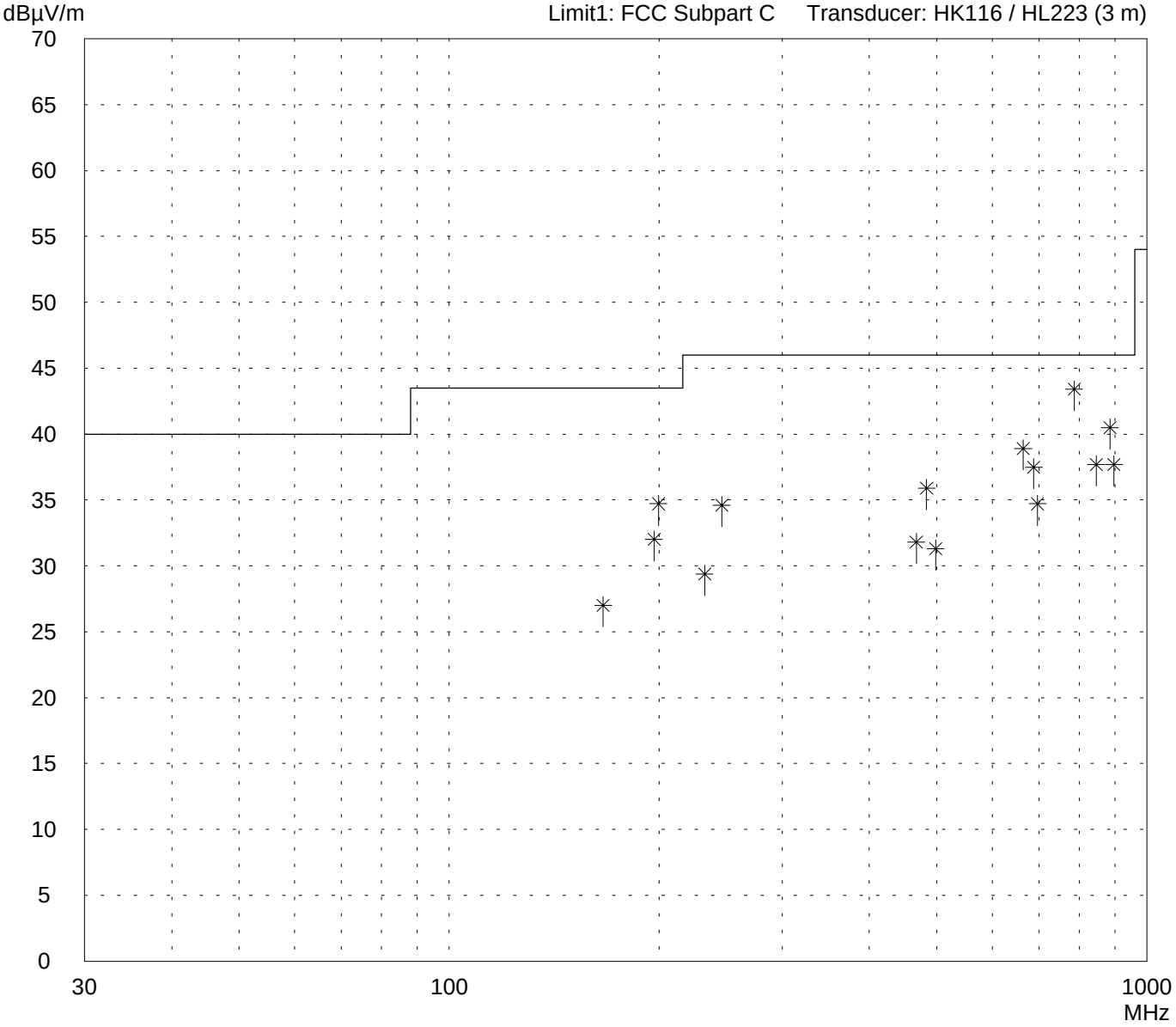
Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - RX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Open area test-site I	
Tested on: Test distance 3 meters Horizontal Polarization	
Date of test: 09/11/2002 / Operator: R. Heller	
Test performed: by hand / File name:	

Detector: Quasi-Peak	List of values: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

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Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Open area test-site I

Tested on:
Test distance 3 meters
Horizontal Polarization

Date of test: 09/11/2002
Operator: R. Heller

Test performed: by hand
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved
- display switched off

- operating with bit rate 11 Mbps

- RX mode with f = 2.442 GHz

Detector:
Quasi-Peak

List of values:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV/m*	*Limit dBµV/m*	*Limit exceeded*
166.20	9.8	17.2	27.0	43.5	
196.61	12.7	19.3	32.0	43.5	
199.37	15.2	19.5	34.7	43.5	
232.28	9.3	20.1	29.4	46.0	
245.77	14.2	20.4	34.6	46.0	
466.95	7.5	24.3	31.8	46.0	
483.31	11.2	24.7	35.9	46.0	
497.82	6.3	25.0	31.3	46.0	
664.65	8.7	30.2	38.9	46.0	
688.16	6.4	31.1	37.5	46.0	
696.88	3.3	31.4	34.7	46.0	
786.46	10.8	32.6	43.4	46.0	
845.84	3.8	33.9	37.7	46.0	
884.77	6.2	34.3	40.5	46.0	
897.03	3.3	34.4	37.7	46.0	

Result:
Limit kept

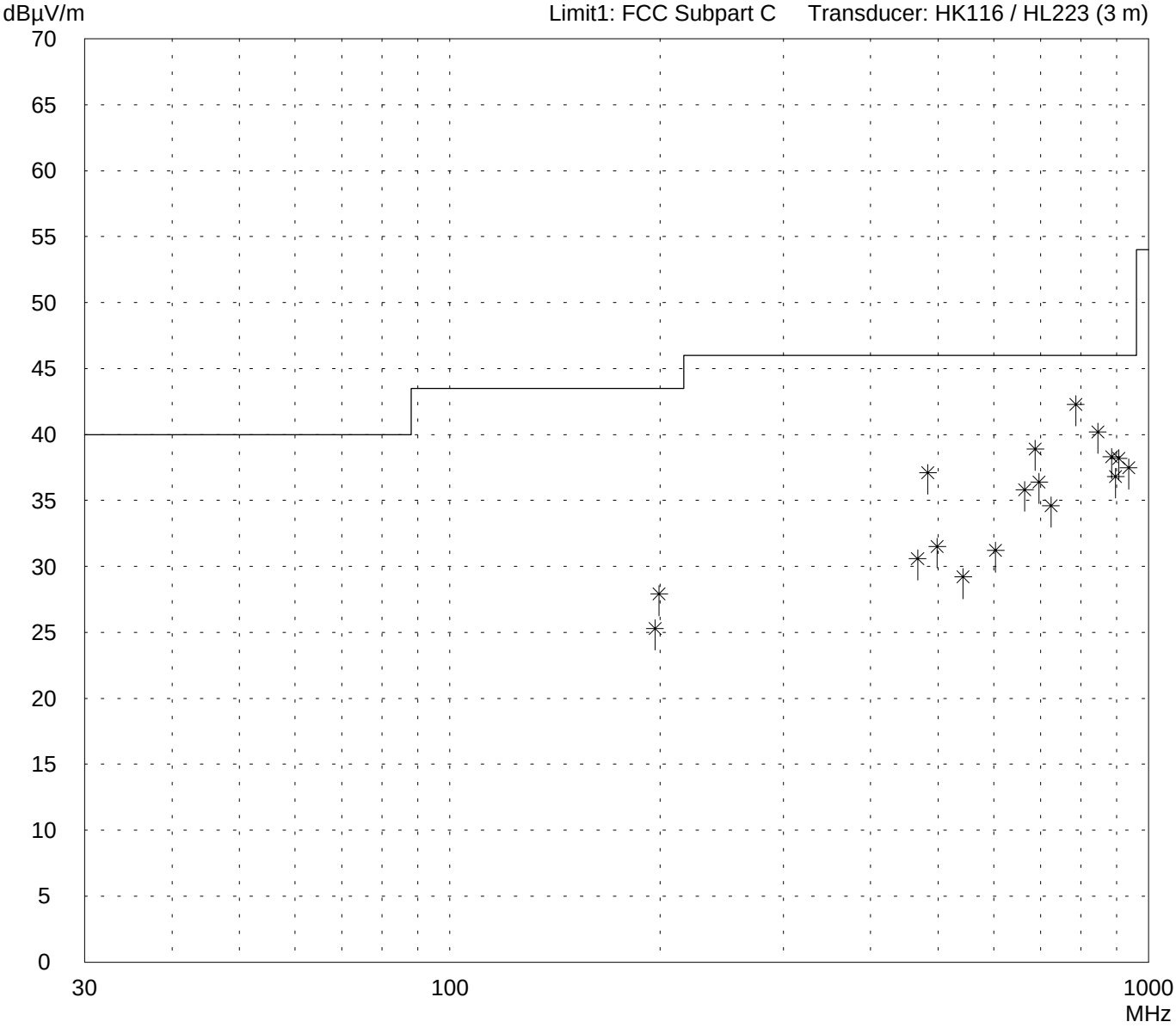
Project file:
56305-20559-1

Senton GmbH / EMI/EMC Laboratories / Aeussere Fruehlingsstrasse 45 / D-94315 Straubing / Tel. +49 9421 55220

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model: PCC-2411-PCE-BAS1	Mode:
Serial no.: 02UTENG00002	- FCC test setup - supply voltage 115 V AC - EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A - shielding of PC-card extender improved - display switched off - operating with bit rate 11 Mbps - RX mode with f = 2.442 GHz
Applicant: Agere Systems Nederland B.V.	
Test site: Open area test-site I	
Tested on: Test distance 3 meters Vertical Polarization	
Date of test: 09/11/2002 / Operator: R. Heller	
Test performed: by hand / File name:	

Detector: Quasi-Peak	List of values: Selected by hand



Result: Limit kept	Project file: 56305-20559-1

Senton GmbH / EMI/EMC Laboratories / Aeussere Fruehlingsstrasse 45 / D-94315 Straubing / Tel. +49 9421 55220

Radiated Emission Test 30 MHz - 1 GHz
according to FCC Part 15 Subpart C

Model:
PCC-2411-PCE-BAS1

Serial no.:
02UTENG00002

Applicant:
Agere Systems Nederland B.V.

Test site:
Open area test-site I

Tested on:
Test distance 3 meters
Vertical Polarization

Date of test: 09/11/2002
Operator: R. Heller

Test performed: by hand
File name:

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved
- display switched off

- operating with bit rate 11 Mbps

- RX mode with f = 2.442 GHz

Detector:
Quasi-Peak

List of values:
Selected by hand

Frequency MHz	*Reading dBµV*	*Correction factor dB*	*Value dBµV/m*	*Limit dBµV/m*	*Limit exceeded*
196.61	6.0	19.3	25.3	43.5	
199.29	8.4	19.5	27.9	43.5	
466.95	6.3	24.3	30.6	46.0	
483.15	12.4	24.7	37.1	46.0	
498.33	6.5	25.0	31.5	46.0	
542.85	3.0	26.2	29.2	46.0	
603.87	3.0	28.2	31.2	46.0	
664.65	5.6	30.2	35.8	46.0	
688.16	7.8	31.1	38.9	46.0	
696.88	5.0	31.4	36.4	46.0	
724.68	2.9	31.7	34.6	46.0	
786.46	9.7	32.6	42.3	46.0	
845.38	6.3	33.9	40.2	46.0	
884.77	4.0	34.3	38.3	46.0	
897.03	2.4	34.4	36.8	46.0	
905.90	3.8	34.4	38.2	46.0	
936.00	3.0	34.5	37.5	46.0	

Result:
Limit kept

Project file:
56305-20559-1

Radiated Emission 1 GHz - 12.5 GHz
according to FCC Part 15 Subpart C (§15.209)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- RX mode with f = 2.442 GHz

Detector: Peak

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
1.0978	vertical	12.4	0.5	26.1	39.0	74
1.1760	horizontal	13.9	0.5	26.2	40.6	74
1.3840	vertical	12.7	0.5	26.6	39.7	74
1.4764	vertical	8.7	0.5	26.8	36.0	74
1.5760	vertical	11.1	0.5	27.1	38.8	74
1.6951	vertical	13.1	0.5	27.7	41.3	74
3.3905	vertical	15.3	0.7	23.8	39.8	74
4.8894	horizontal	14.7	0.9	27.3	42.9	74

Result: The limits are kept

Radiated Emission 1 GHz - 12.5 GHz
according to FCC Part 15 Subpart C (§15.209)

Model: PCC-2411-PCE-BAS1
Type: RF-modem for wireless LAN
Serial No.: 02UTENG00002
Applicant: Agere Systems Nederland B.V.
Test-site: Semi anechoic room
Test distance: 3 meters
Date of test: 09/04/2002
Operator: R. Heller

Mode:
- FCC test setup
- supply voltage 115 V AC
- EUT mounted in notebook Dell Latitude C800 via PC-card extender Sycard PCCextend 50A
- shielding of PC-card extender improved

- operating with bit rate 11 Mbps

- RX mode with f = 2.442 GHz

Detector: Average

Frequency [GHz]	Polarization	Analyzer-reading [dBµV]	Cable loss [dB]	Antenna-correction [dB]	Fieldstrength [dBµV/m]	Limit [dBµV/m]
1.0960	vertical	< 7.5	0.5	26.1	< 34.0	54
1.1813	vertical	< 6.8	0.5	26.2	< 33.5	54
1.3964	vertical	< 6.7	0.5	26.6	< 33.8	54
1.4764	vertical	< 6.3	0.5	26.8	< 33.5	54
1.5778	vertical	< 3.9	0.5	27.2	< 31.6	54
1.6969	vertical	< 9.1	0.5	27.7	< 37.3	54
4.8841	horizontal	14.7	0.9	27.3	42.8	54

Result: The limits are kept

13. Additional Information supplementary to the Test Report

Item	Description	Collected in
1	Photographs of EUT and Host	Annex A
2	Photographs Taken During Testing	Annex B