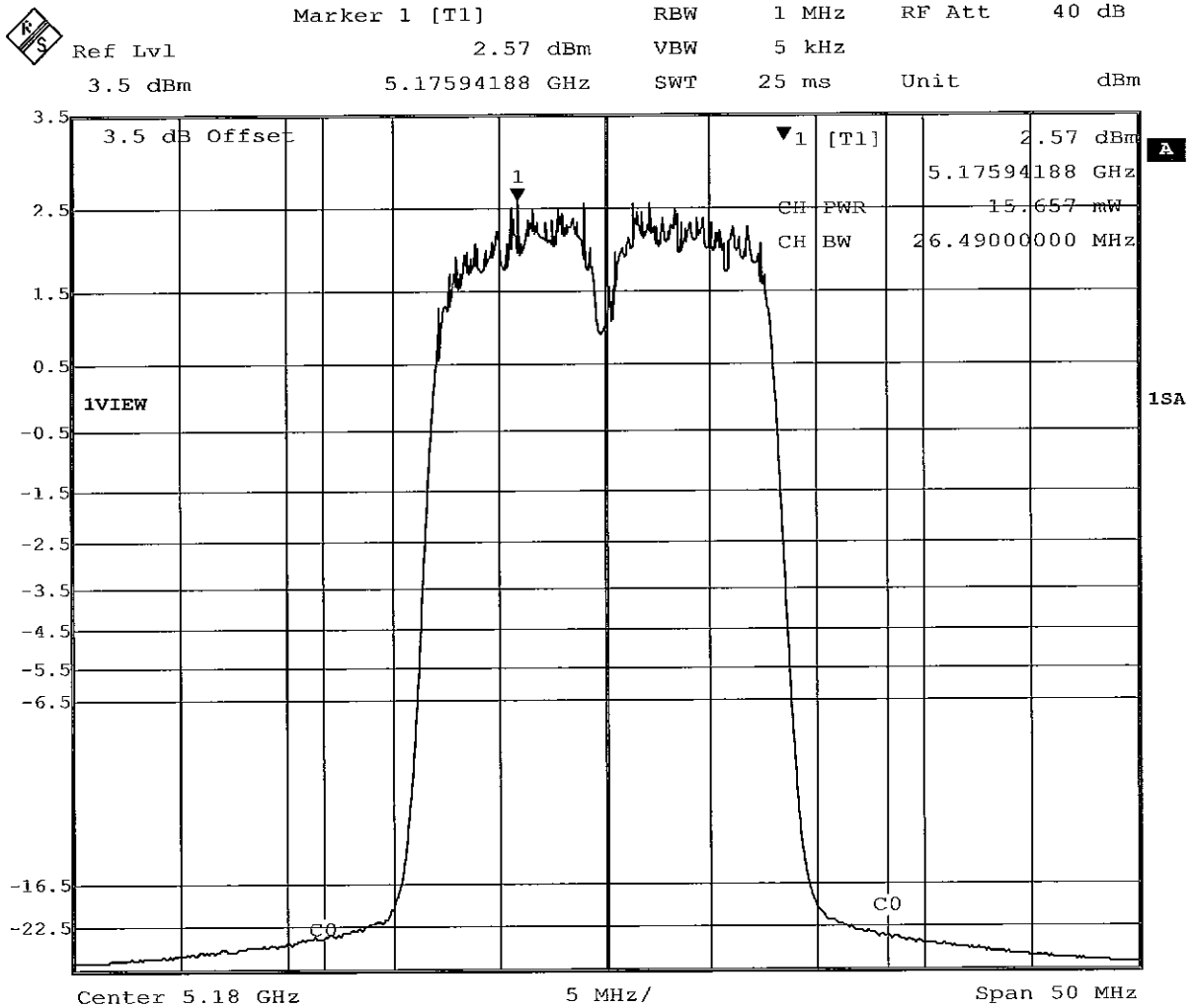


## **Annex B**

RF power output conducted

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5180 MHz
Comment 3	OFDM / 6 Mbit/s



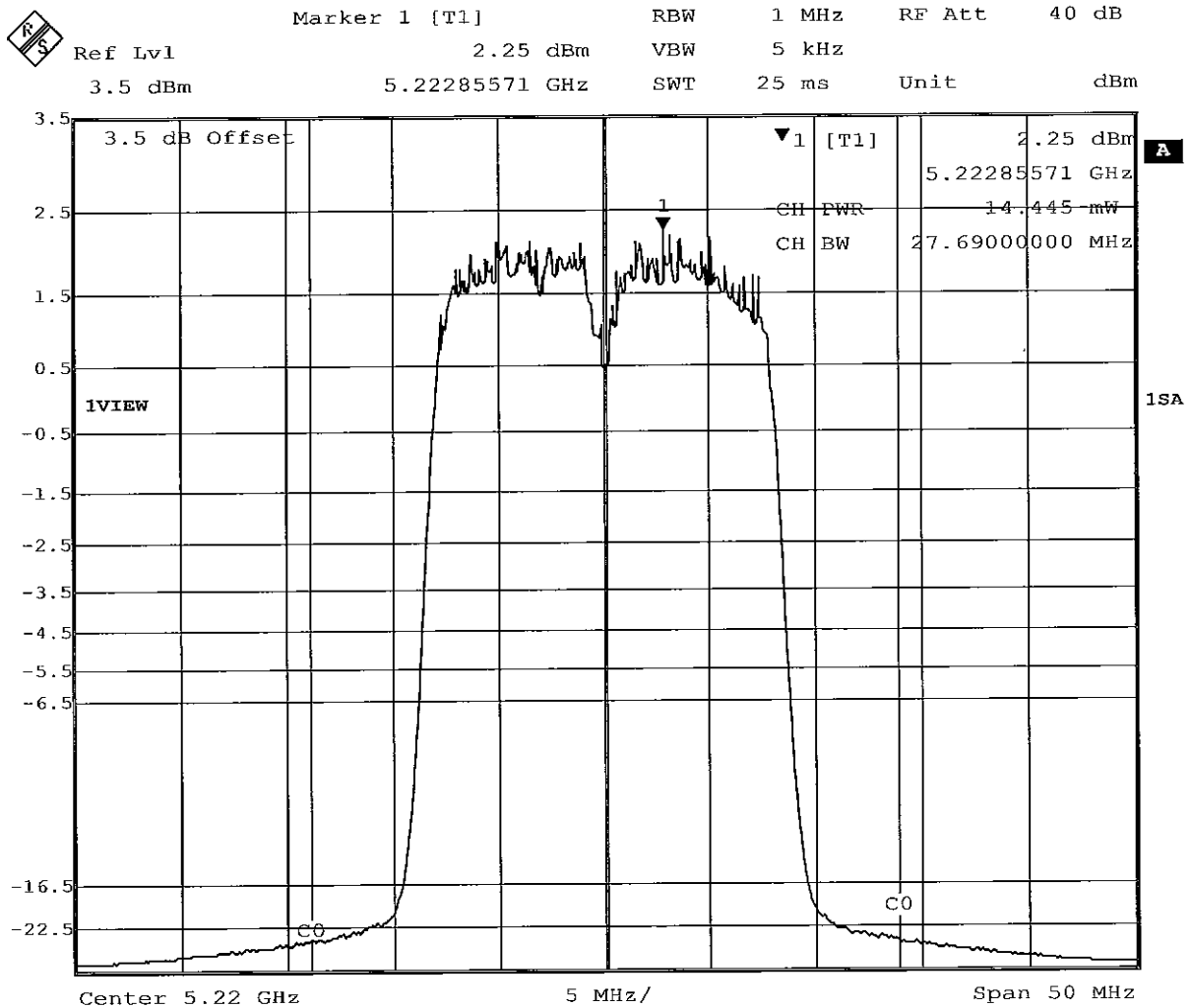
Date: 6.MAY.2008 08:44:17

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5220 MHz
Comment 3	OFDM / 6 Mbit/s



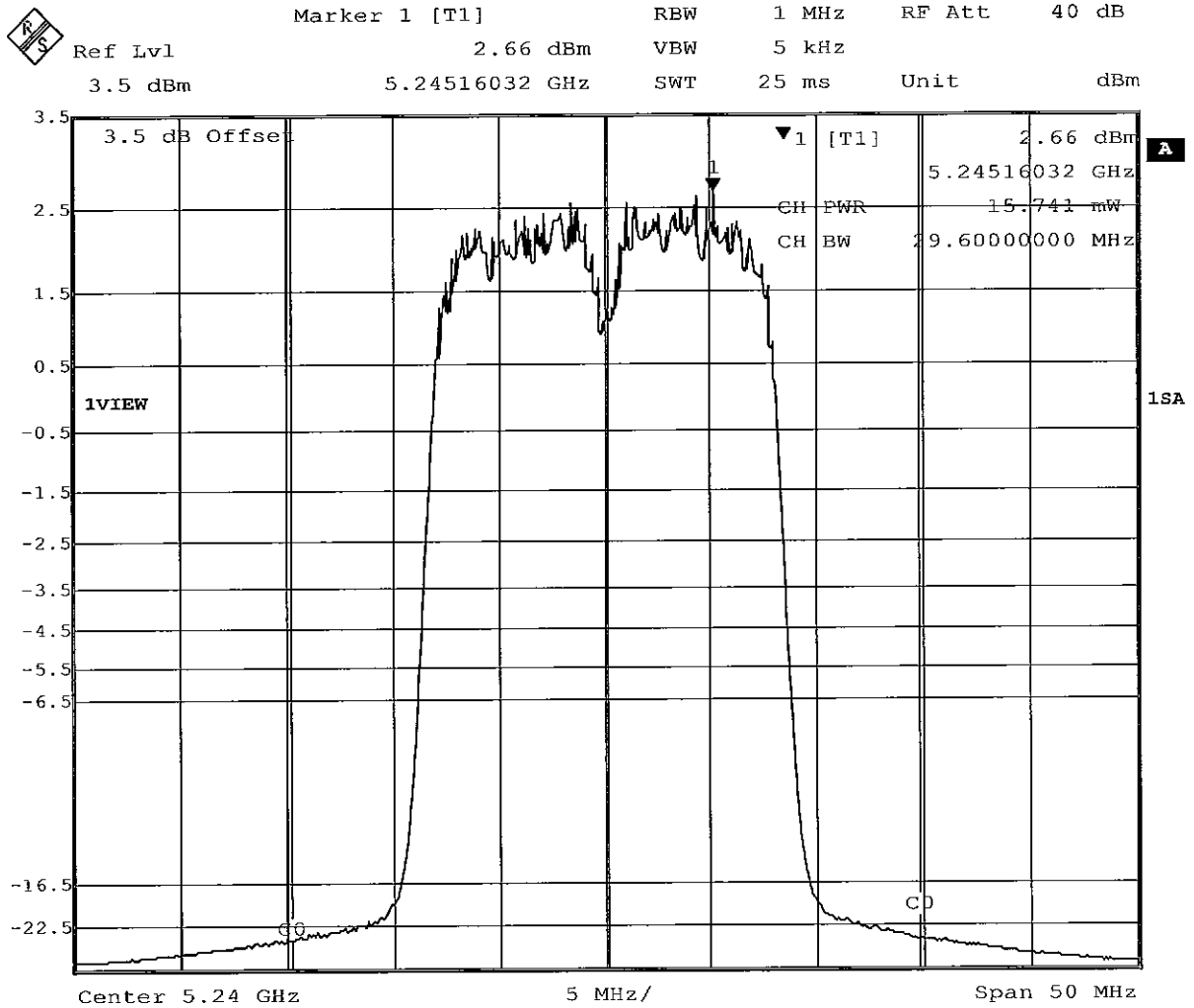
Date: 6.MAY.2008 13:02:05

**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5240 MHz
Comment 3	OFDM / 6 Mbit/s



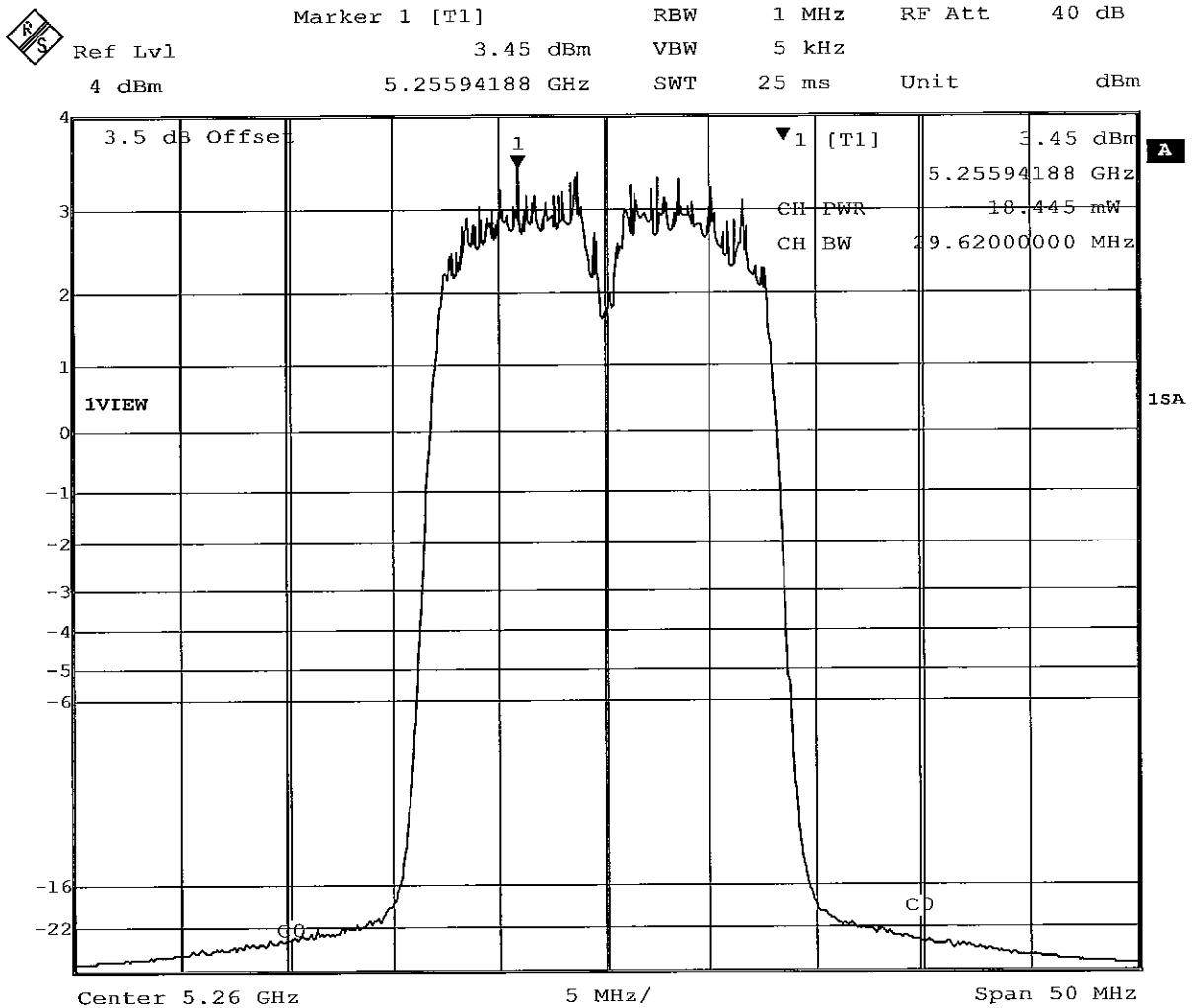
Date: 6.MAY.2008 13:39:06

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5260 MHz
Comment 3	OFDM / 6 Mbit/s



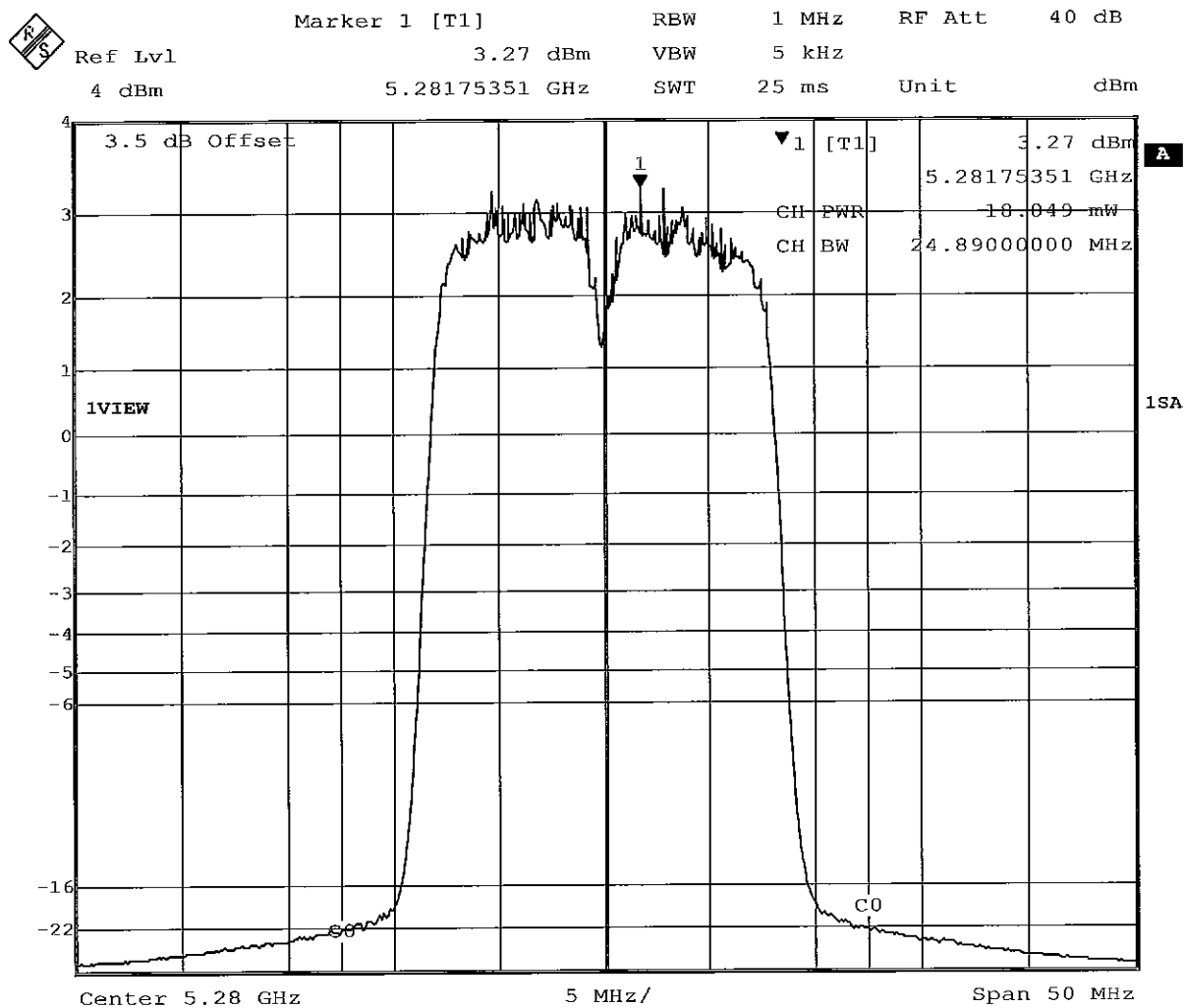
Date: 6.MAY.2008 13:41:16

**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5280 MHz
Comment 3	OFDM / 6 Mbit/s



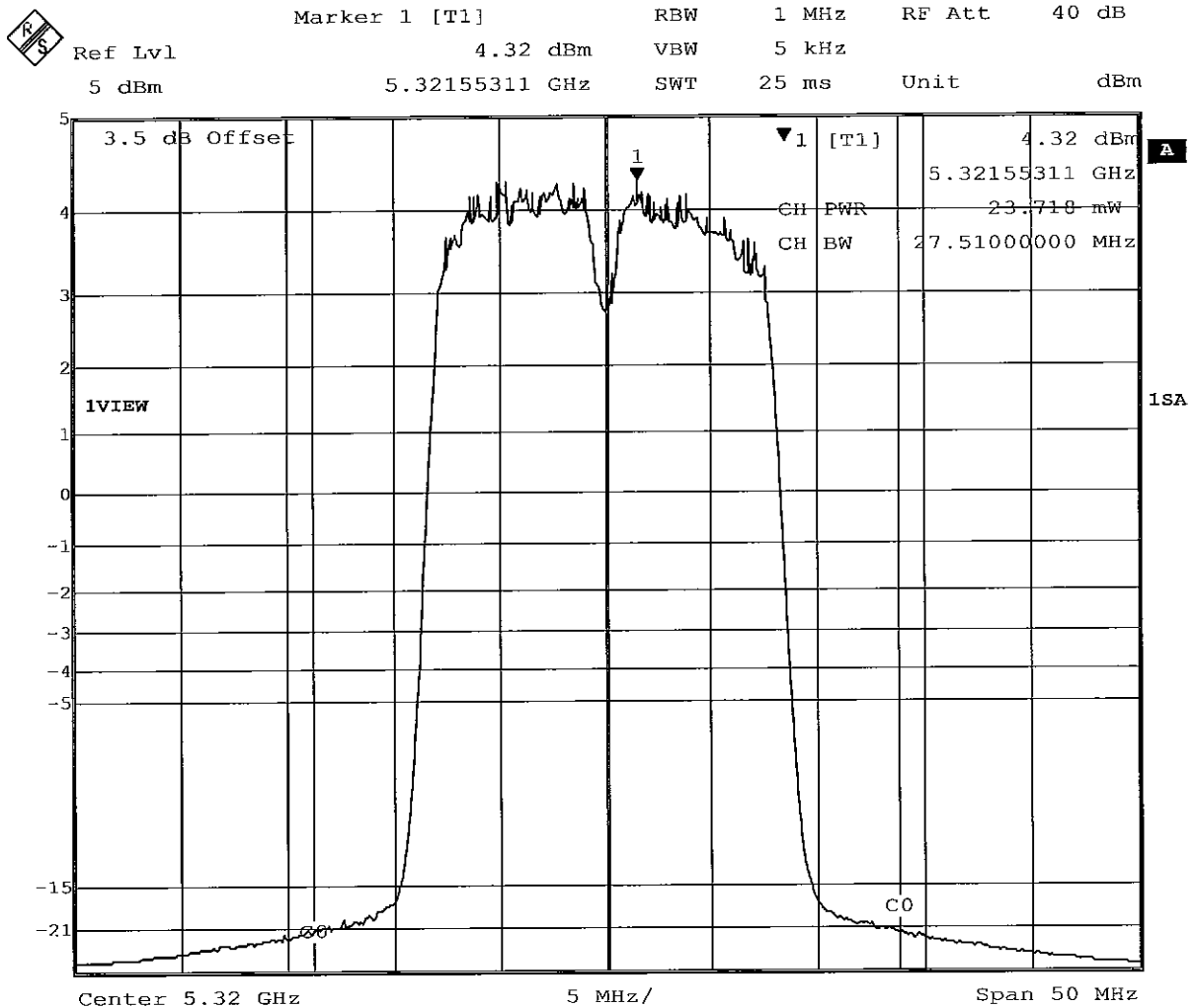
Date: 6.MAY.2008 13:44:42

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5320 MHz
Comment 3	OFDM / 6 Mbit/s



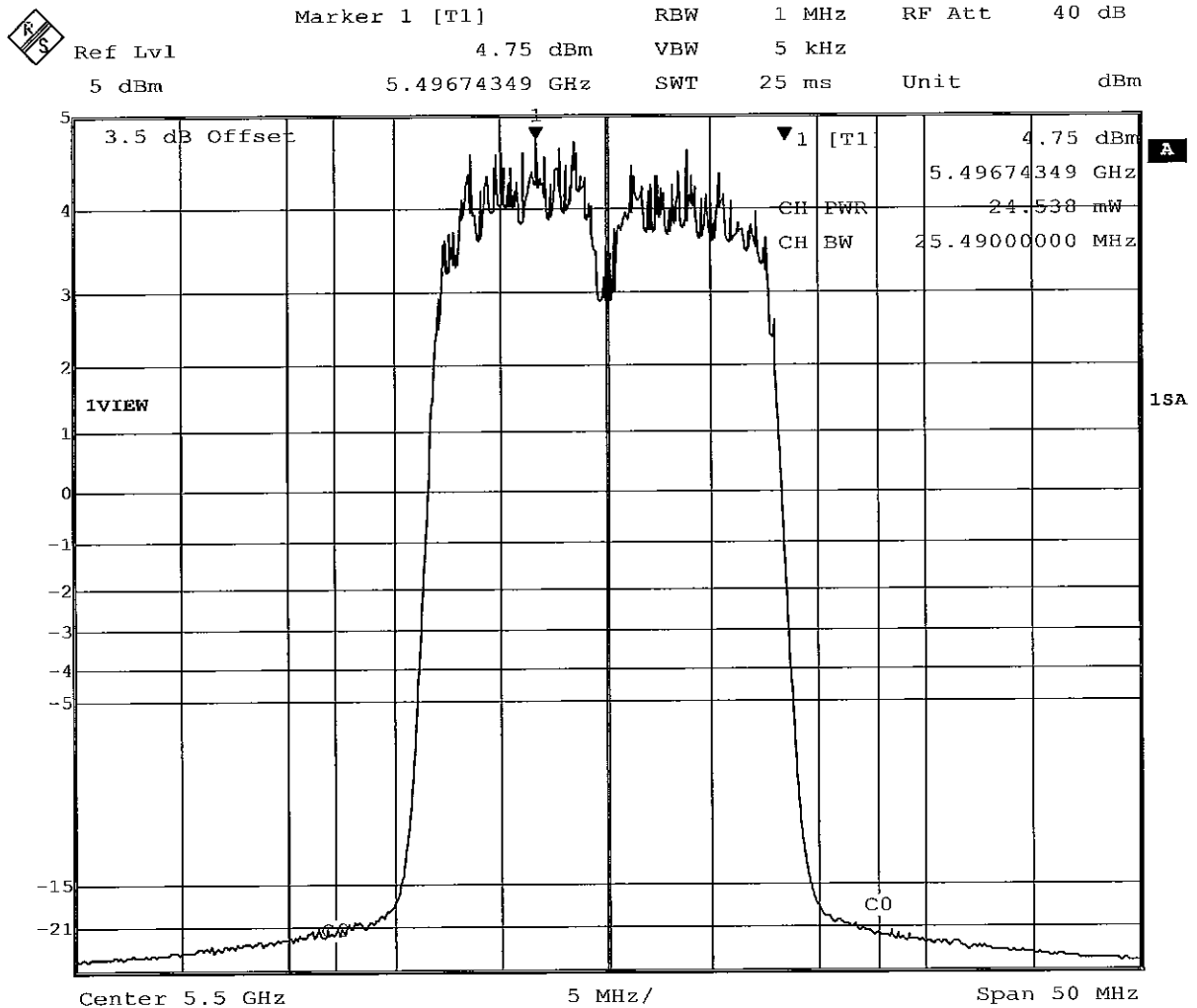
Date: 6.MAY.2008 13:46:21

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5500 MHz
Comment 3	OFDM / 6 Mbit/s



Date: 6.MAY.2008 13:48:38

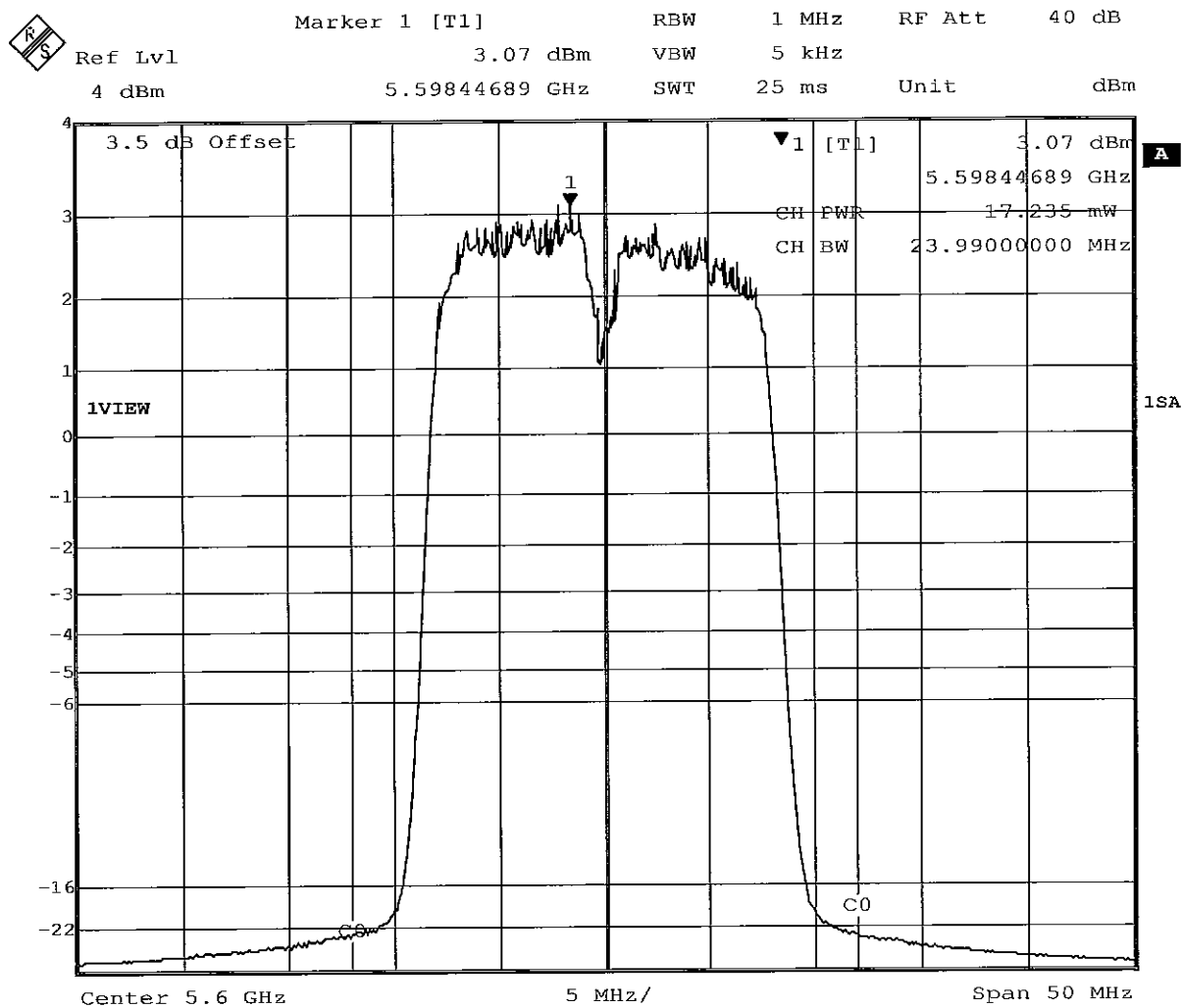
**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany



**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5600 MHz
Comment 3	OFDM / 6 Mbit/s



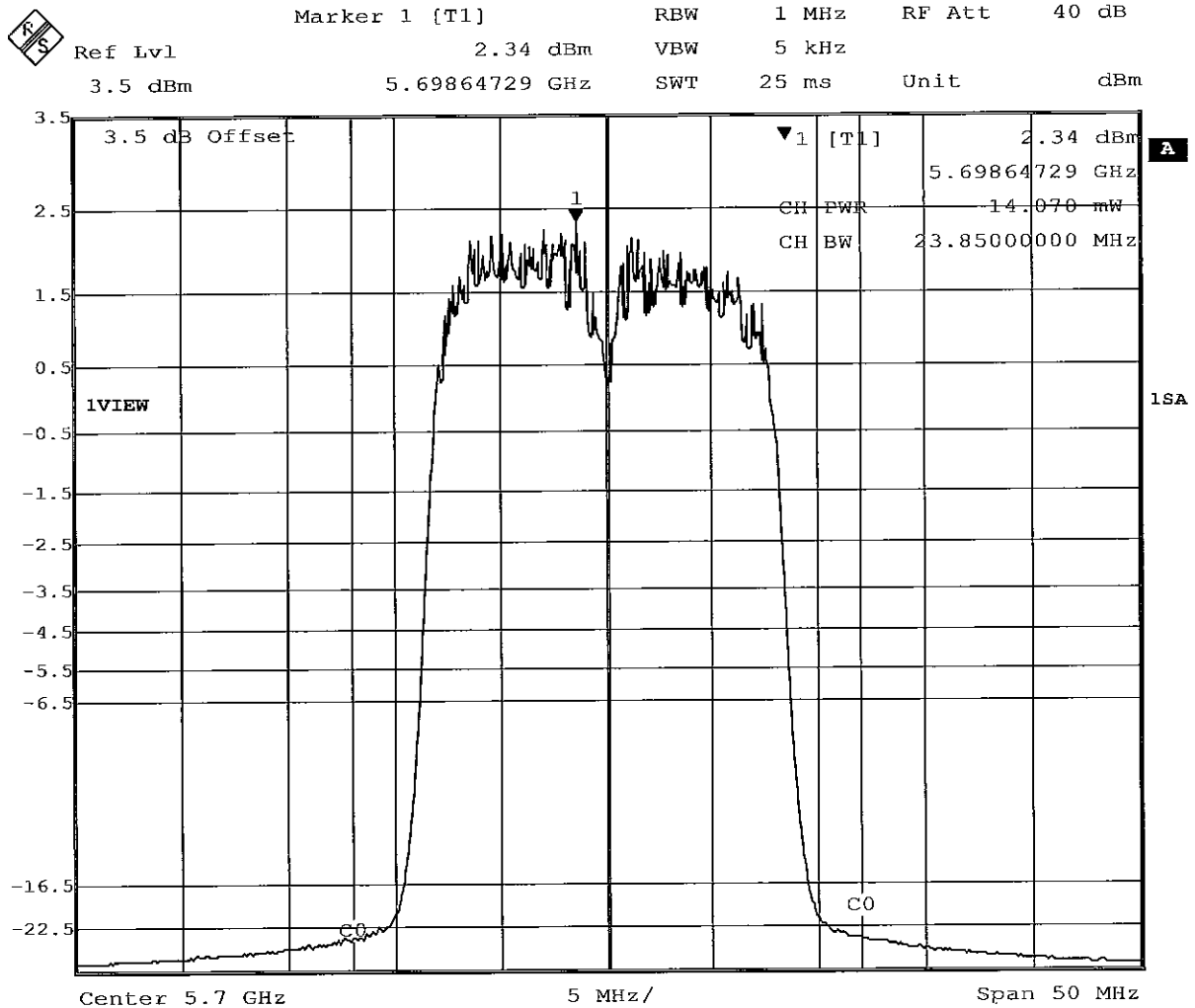
Date: 6.MAY.2008 13:50:17

### Measurement diagram

Eurolins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5700 MHz
Comment 3	OFDM / 6 Mbit/s



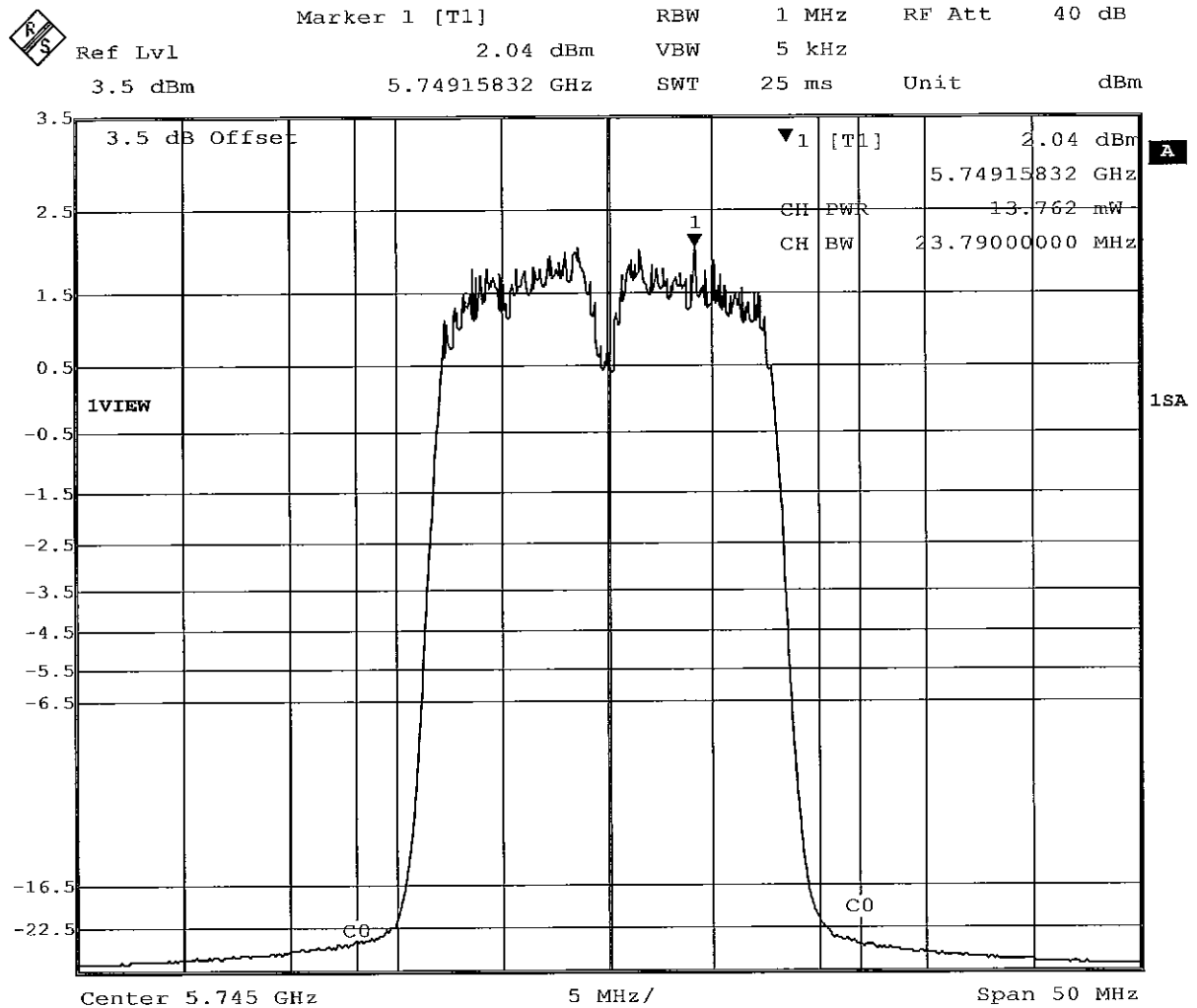
Date: 6.MAY.2008 13:51:51

**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5745 MHz
Comment 3	OFDM / 6 Mbit/s



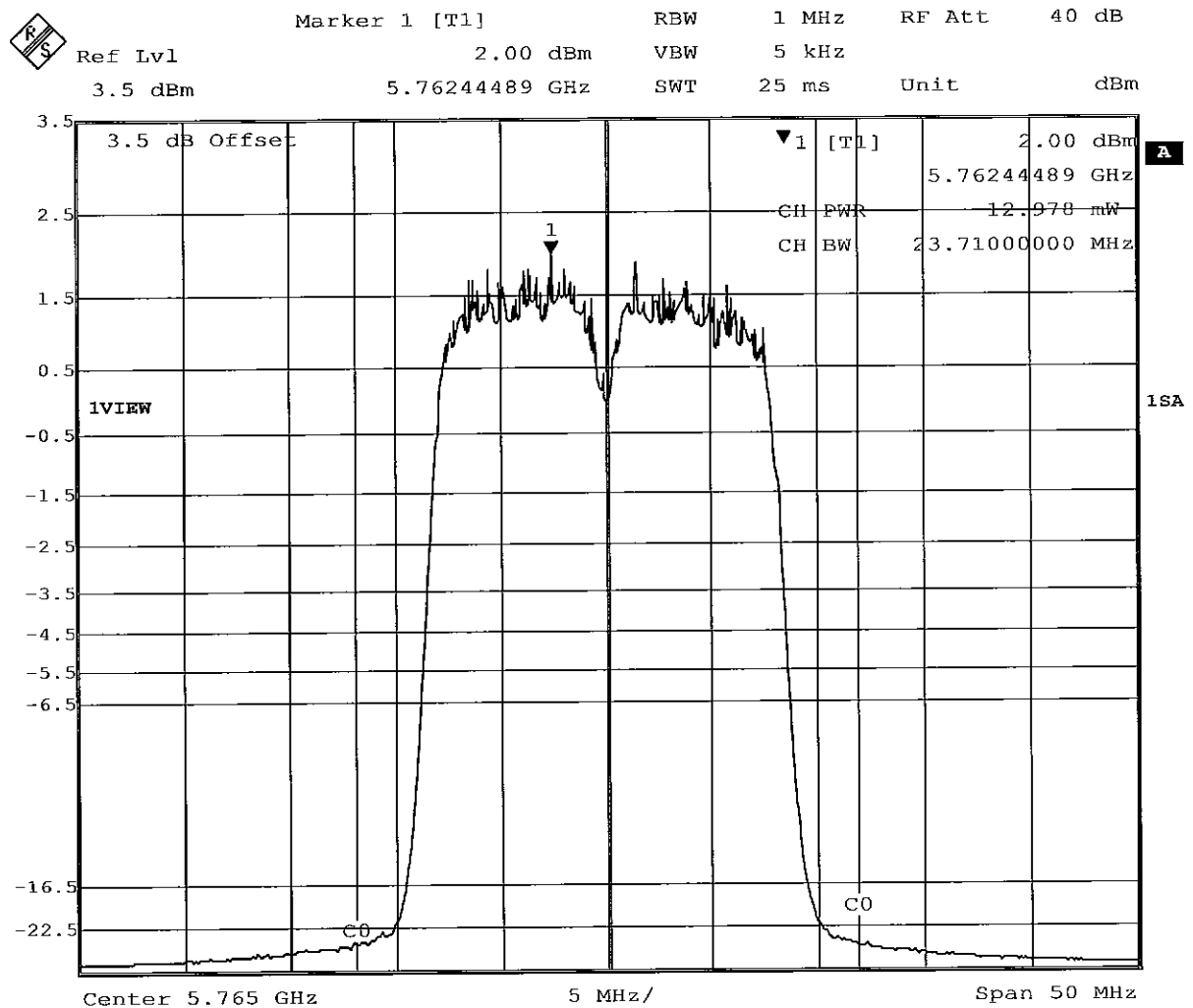
Date: 6.MAY.2008 13:53:25

**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5765 MHz
Comment 3	OFDM / 6 Mbit/s



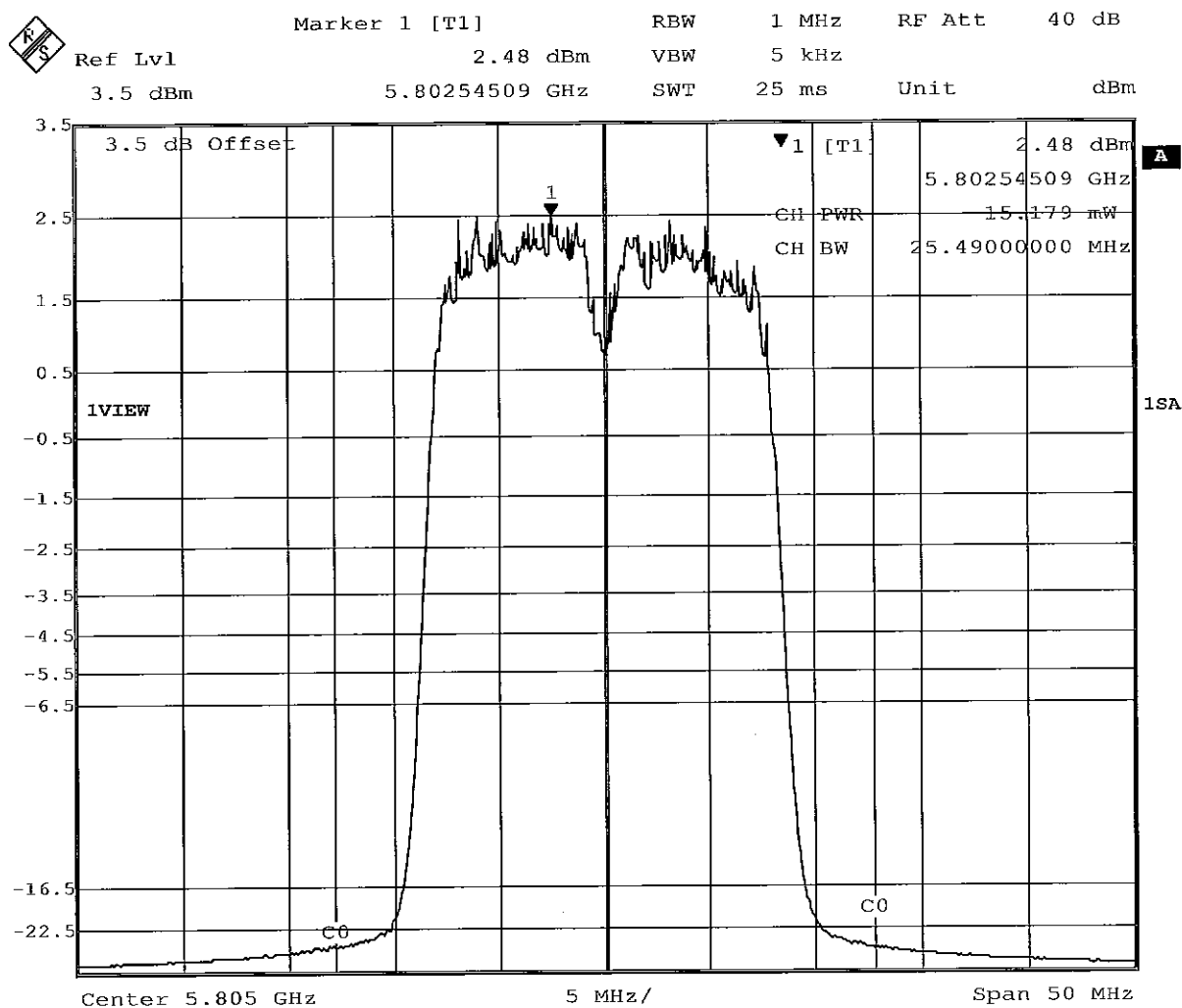
Date: 6.MAY.2008 13:54:56

## Measurement diagram

 Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-4)**  
**Maximum Conducted Output Power**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-4) / DA 02-2138
Comment 1	Maximum Conducted Output Power (Method #3)
Comment 2	Channel frequency: 5805 MHz
Comment 3	OFDM / 6 Mbit/s



Date: 6.MAY.2008 13:56:20

Measurement diagram

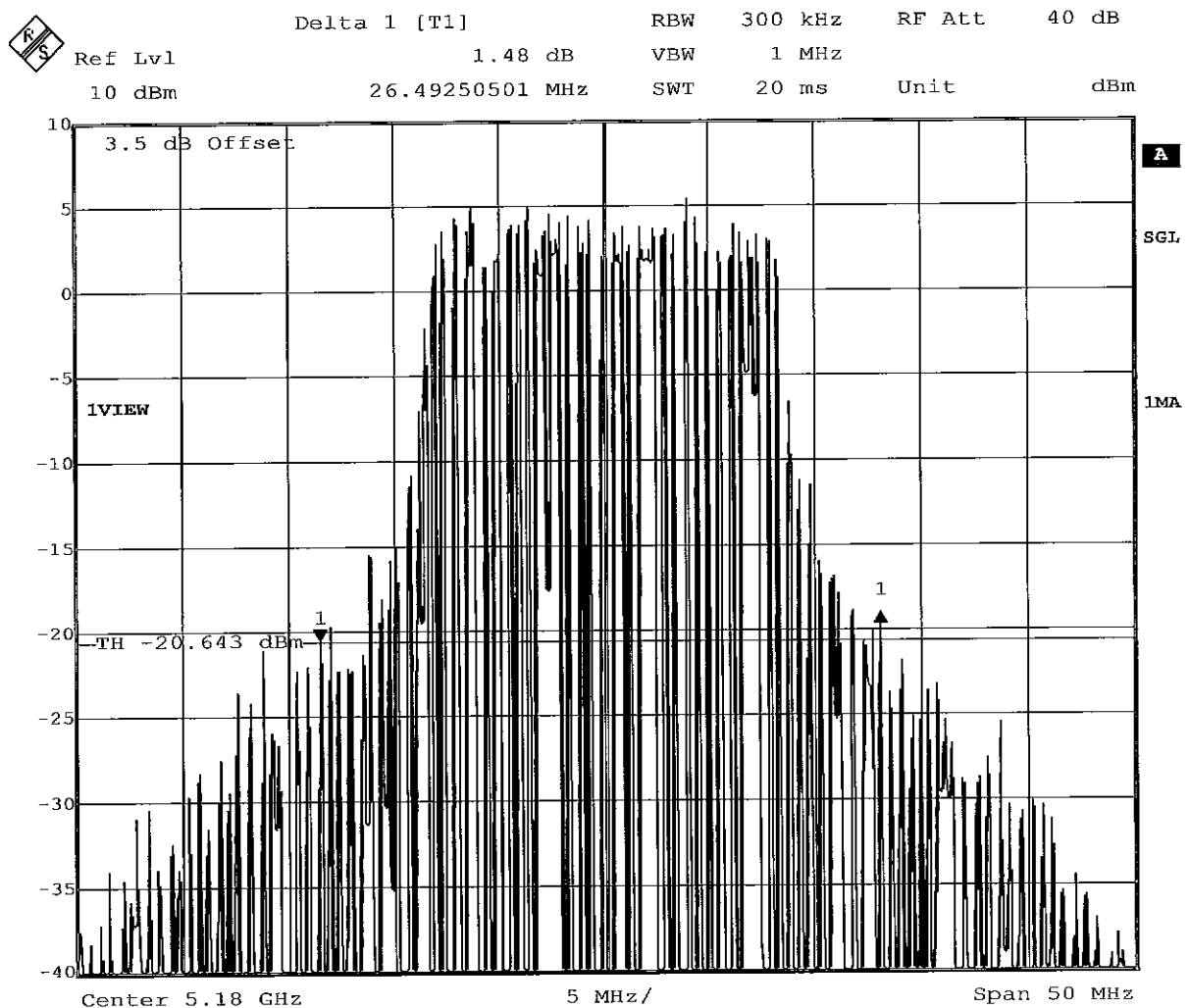
Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## **Annex C**

Emission bandwidth / Occupied bandwidth

**FCC part 15.407(a)  
Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5180 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Emission bandwidth: 26.493 MHz

Date: 6.MAY.2008 07:04:56

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**Measurement diagram**


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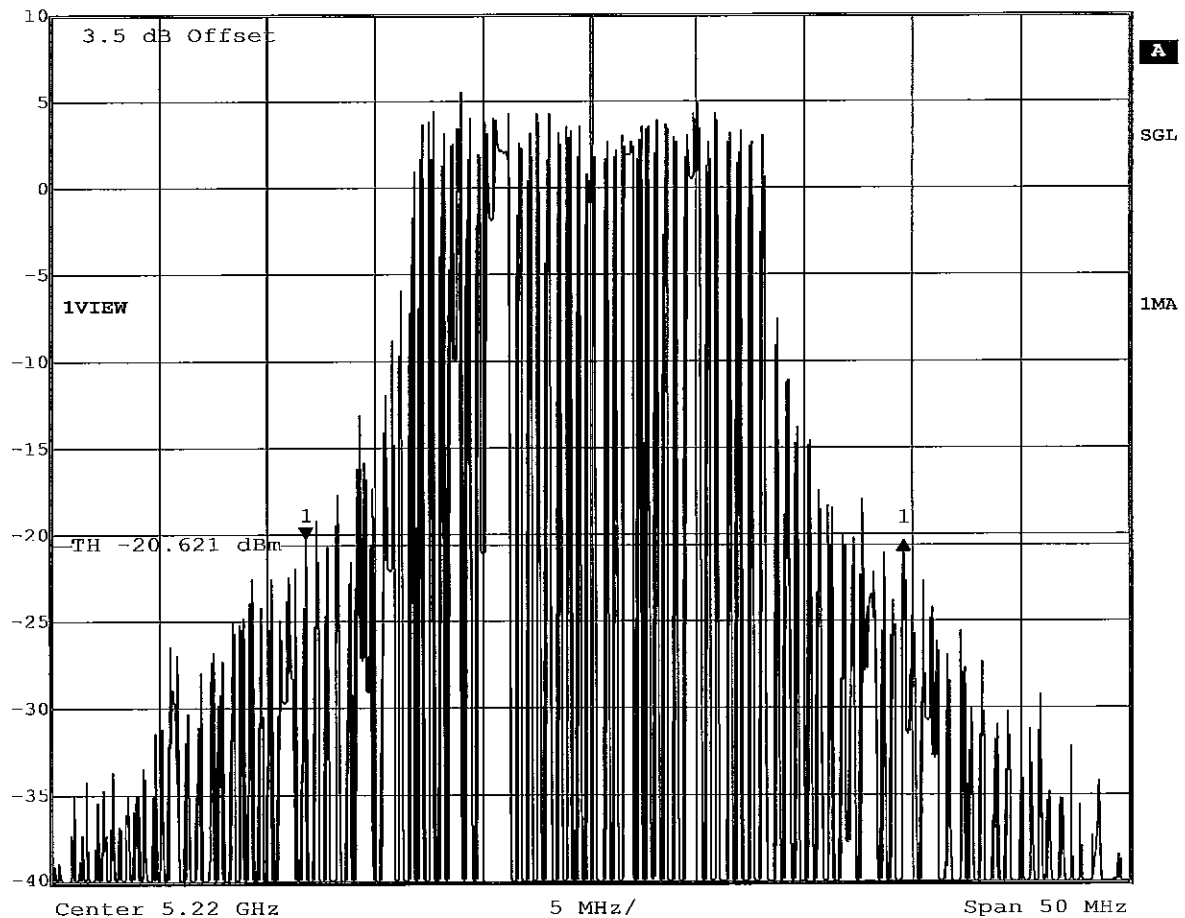
Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)**  
**Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5220 MHz
Comment 3	OFDM / 6 Mbit/s



Delta 1 [T1]	RBW	300 kHz	RF Att	40 dB
Ref Lvl	-0.11 dB	VBW	1 MHz	
10 dBm	27.69490982 MHz	SWT	20 ms	Unit dBm



Comment A: Emission bandwidth: 27.695 MHz

Date: 6.MAY.2008 07:48:16

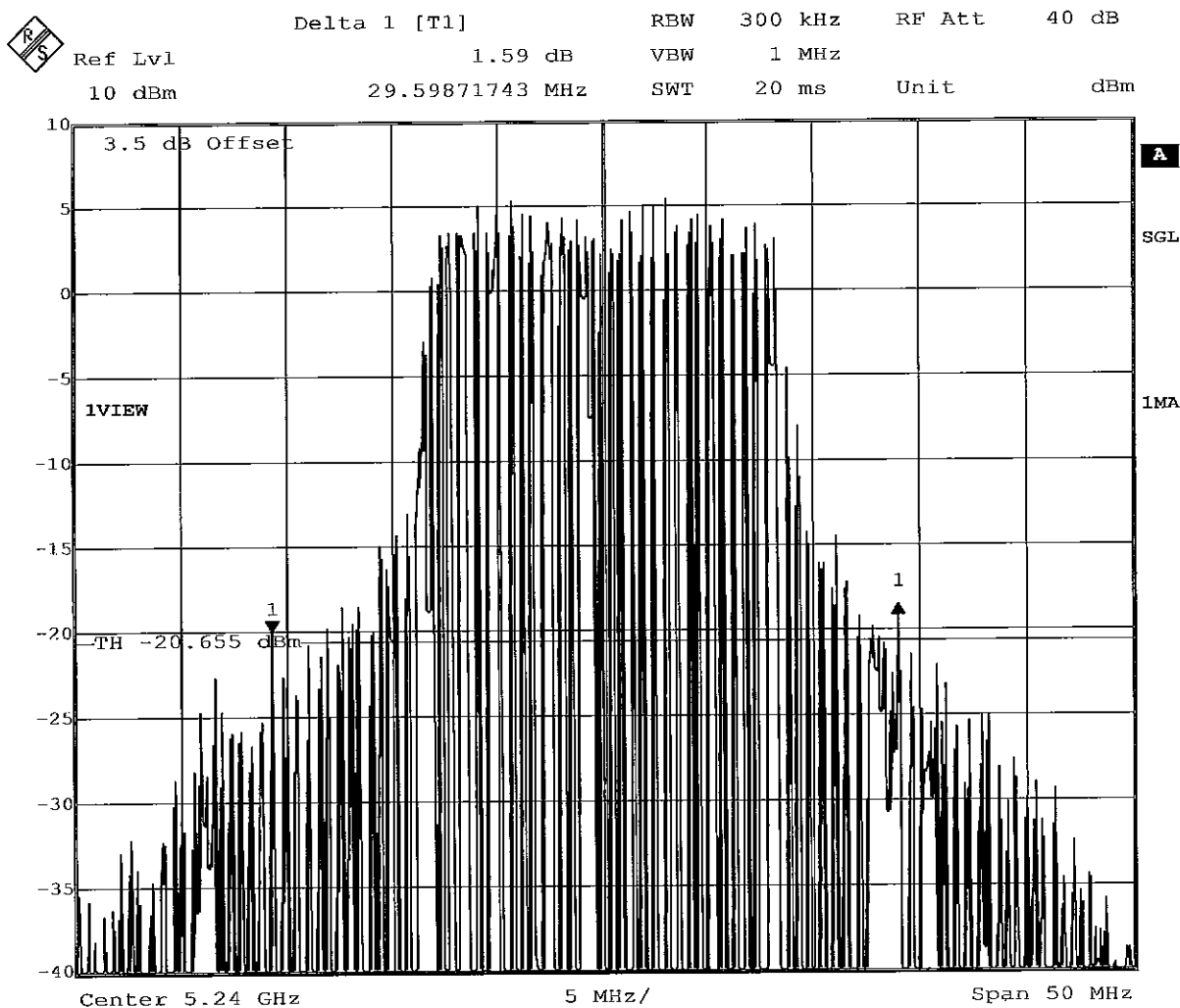
**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany



**FCC part 15.407(a)  
Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5240 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Emission bandwidth: 29.599 MHz

Date: 6.MAY.2008 07:51:48

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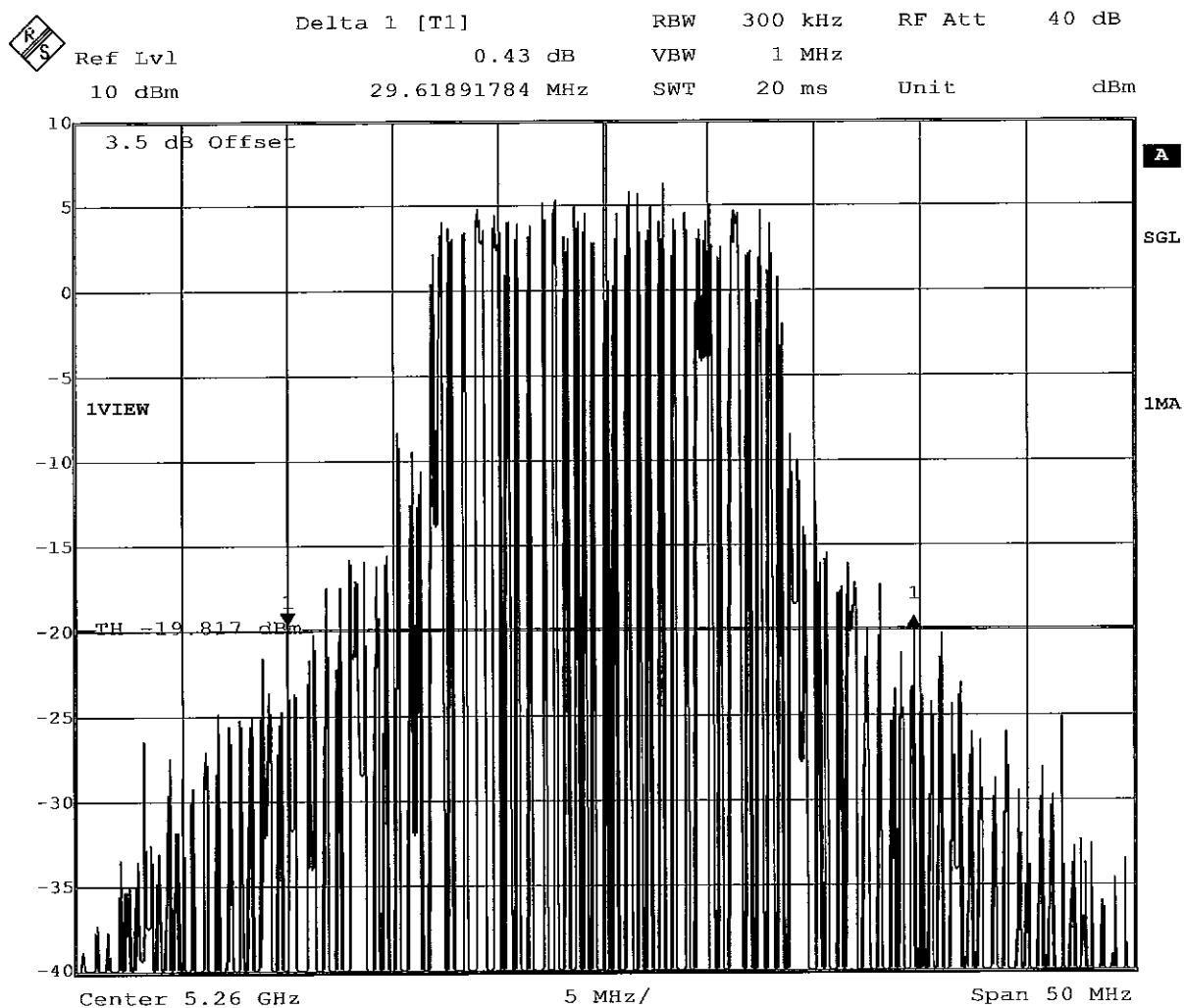
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)  
Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5260 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Emission bandwidth: 29.619 MHz

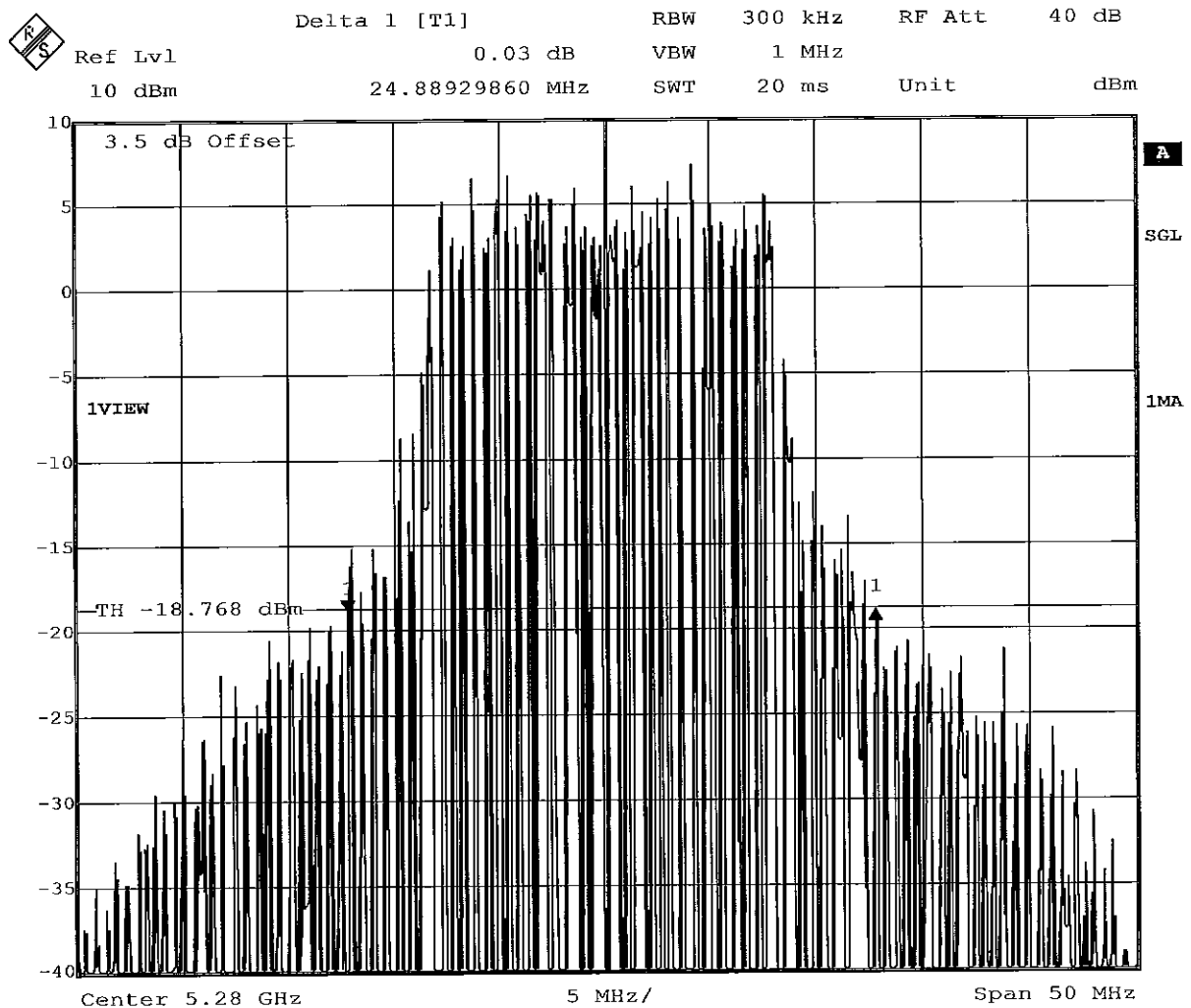
Date: 6.MAY.2008 07:54:02

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)**  
**Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5280 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Emission bandwidth: 24.889 MHz

Date: 6.MAY.2008 07:56:10

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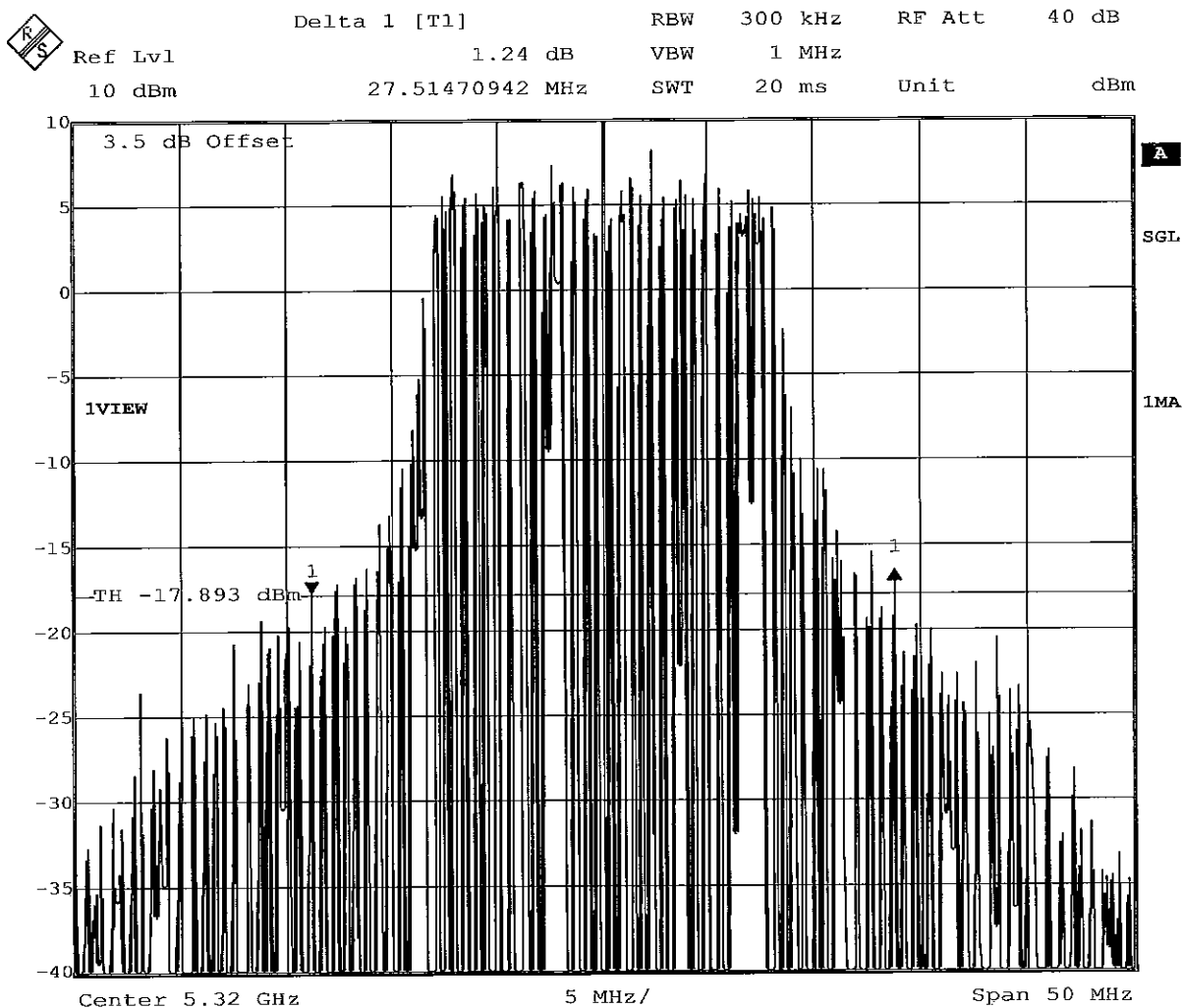
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)  
Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5320 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Emission bandwidth: 27.515 MHz

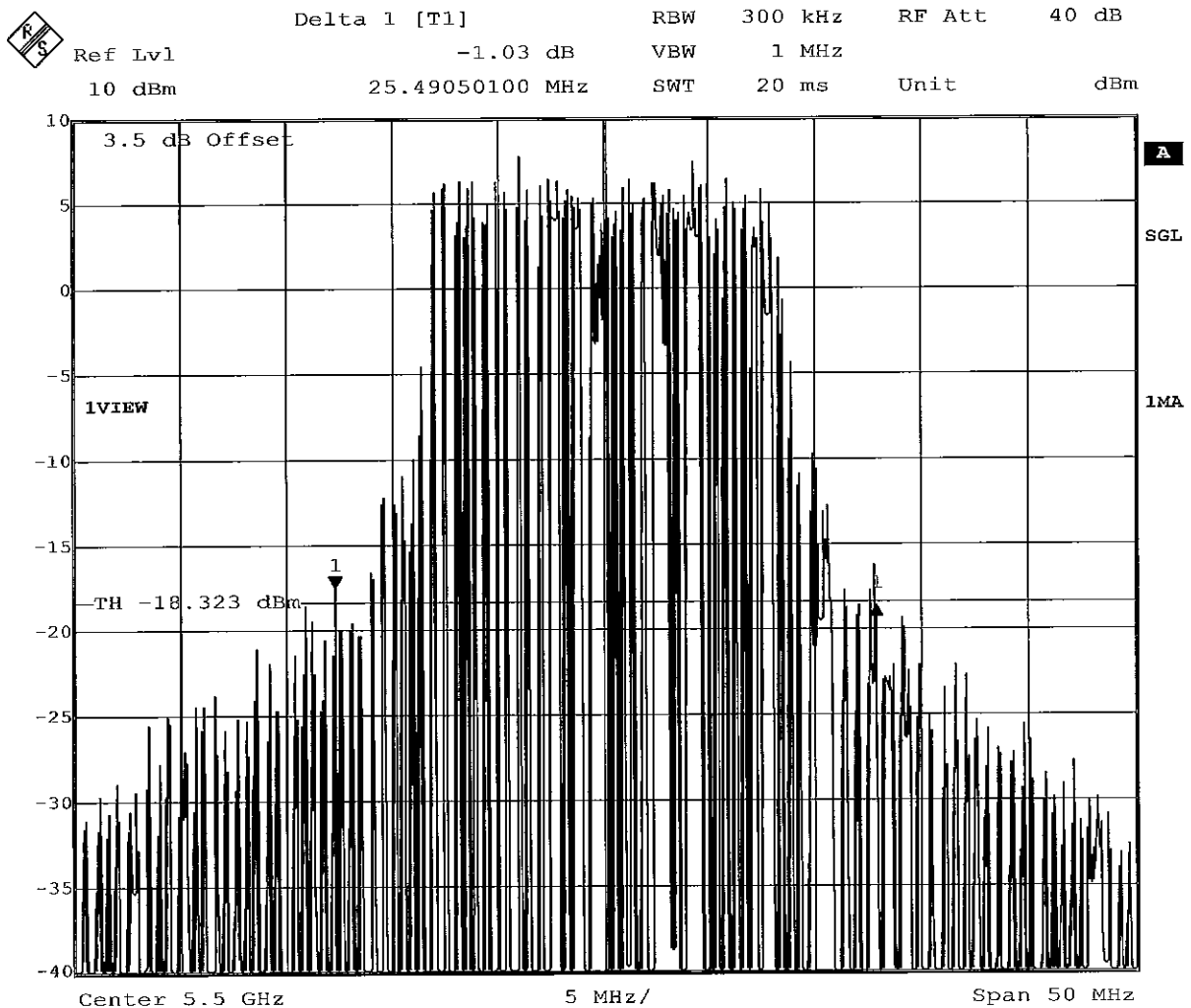
Date: 6.MAY.2008 07:58:27

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)**  
**Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5500 MHz
Comment 3	OFDM / 6 Mbit/s



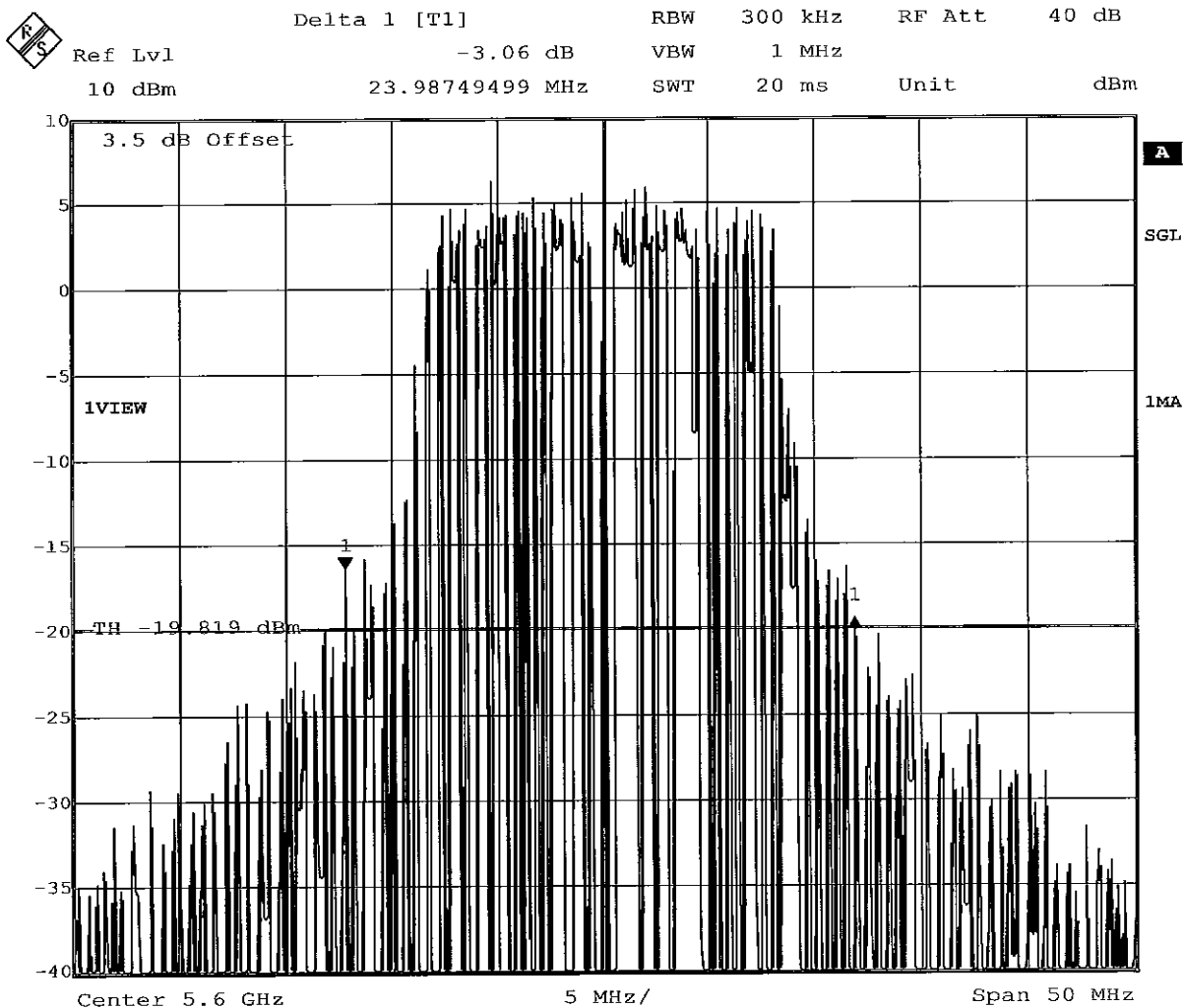
Comment A: Emission bandwidth: 25.491 MHz  
Date: 6.MAY.2008 08:00:48

### Measurement diagram

Eurolins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)  
Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5600 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Emission bandwidth: 23.987 MHz

Date: 6.MAY.2008 08:02:55

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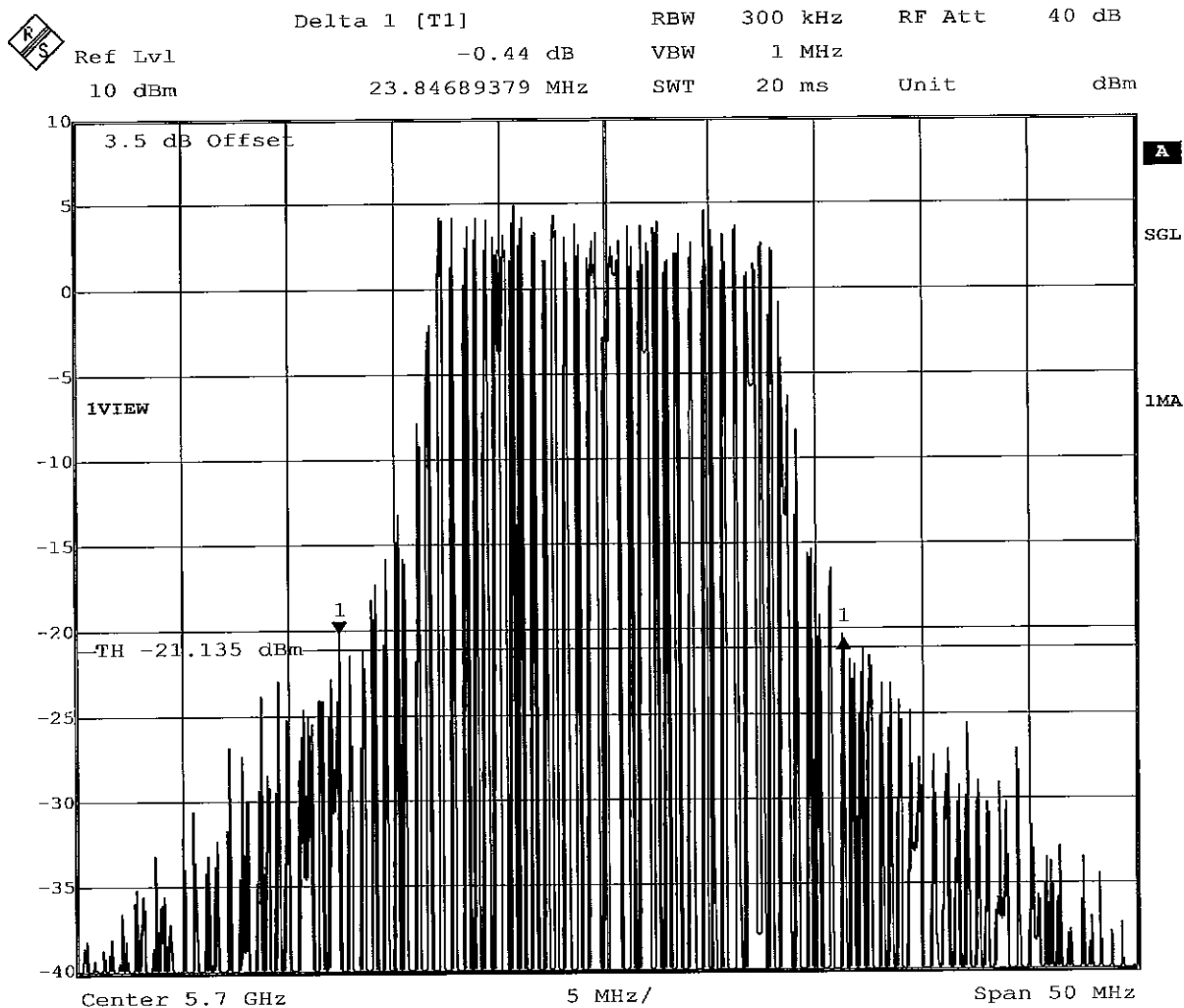
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)  
Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5700 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Emission bandwidth: 23.847 MHz

Date: 6.MAY.2008 08:24:12

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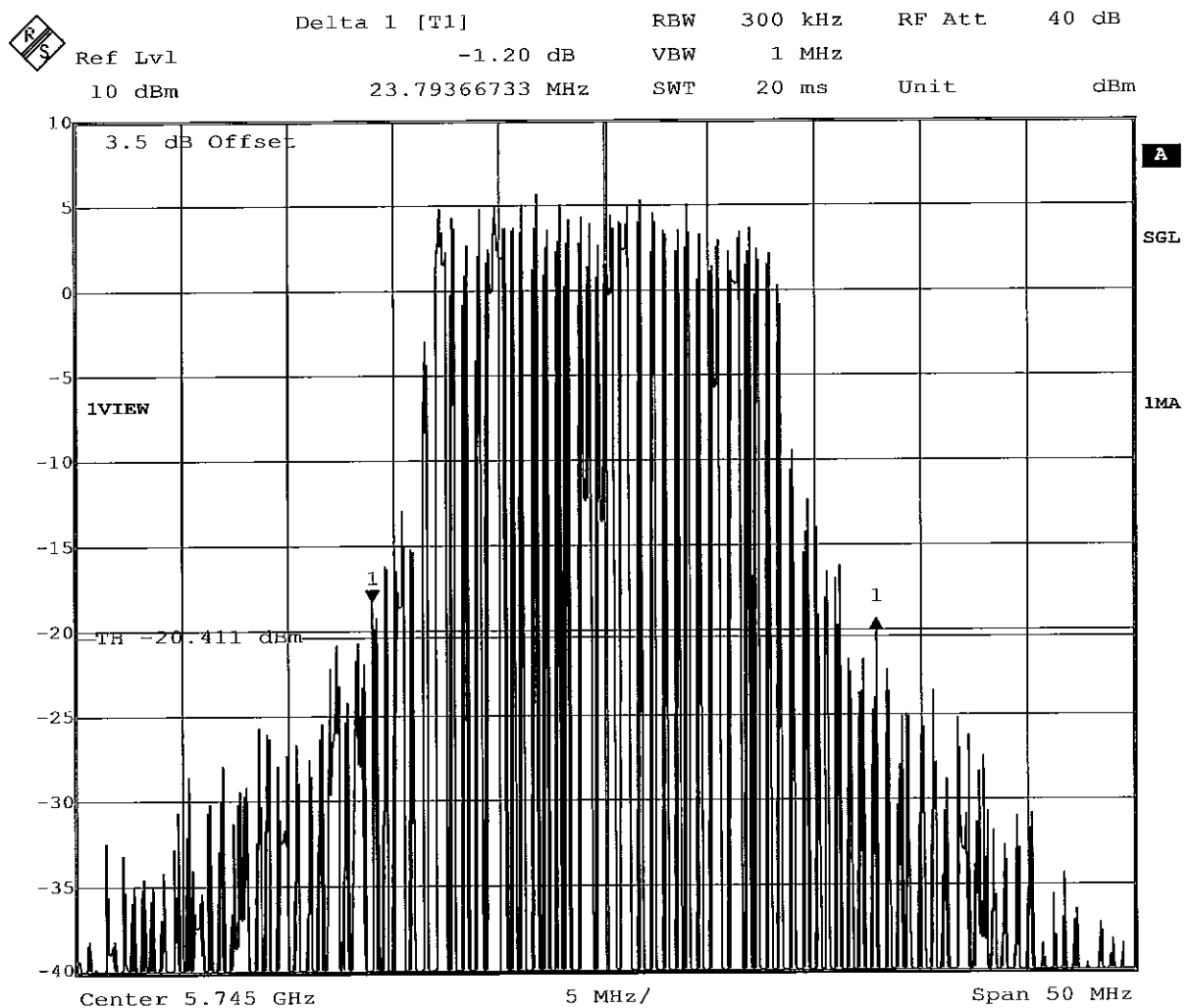
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)**  
**Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5745 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Emission bandwidth: 23.794 MHz

Date: 6.MAY.2008 08:26:20

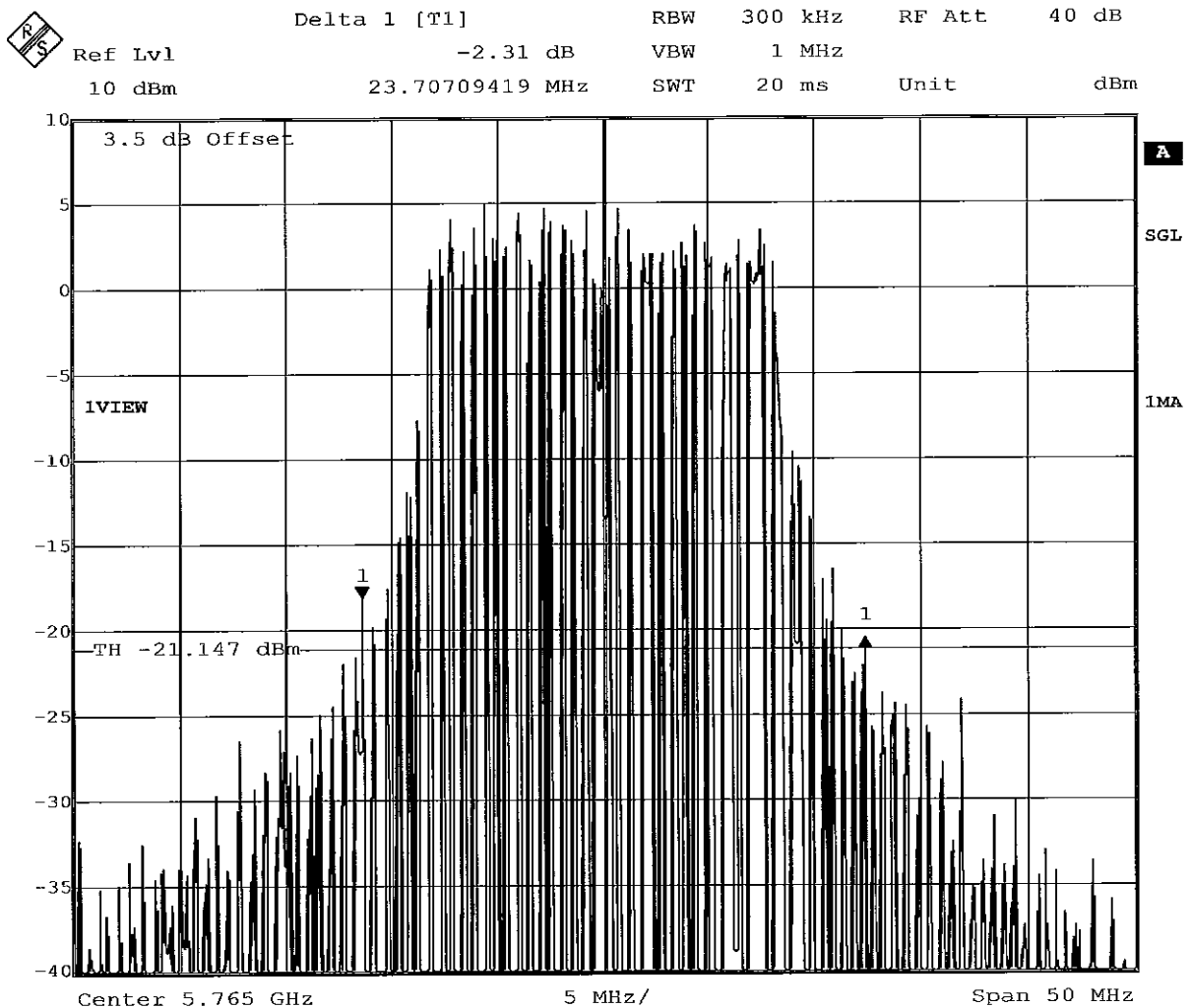
**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany



**FCC part 15.407(a)  
Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5765 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Emission bandwidth: 23.707 MHz

Date: 6.MAY.2008 08:28:55

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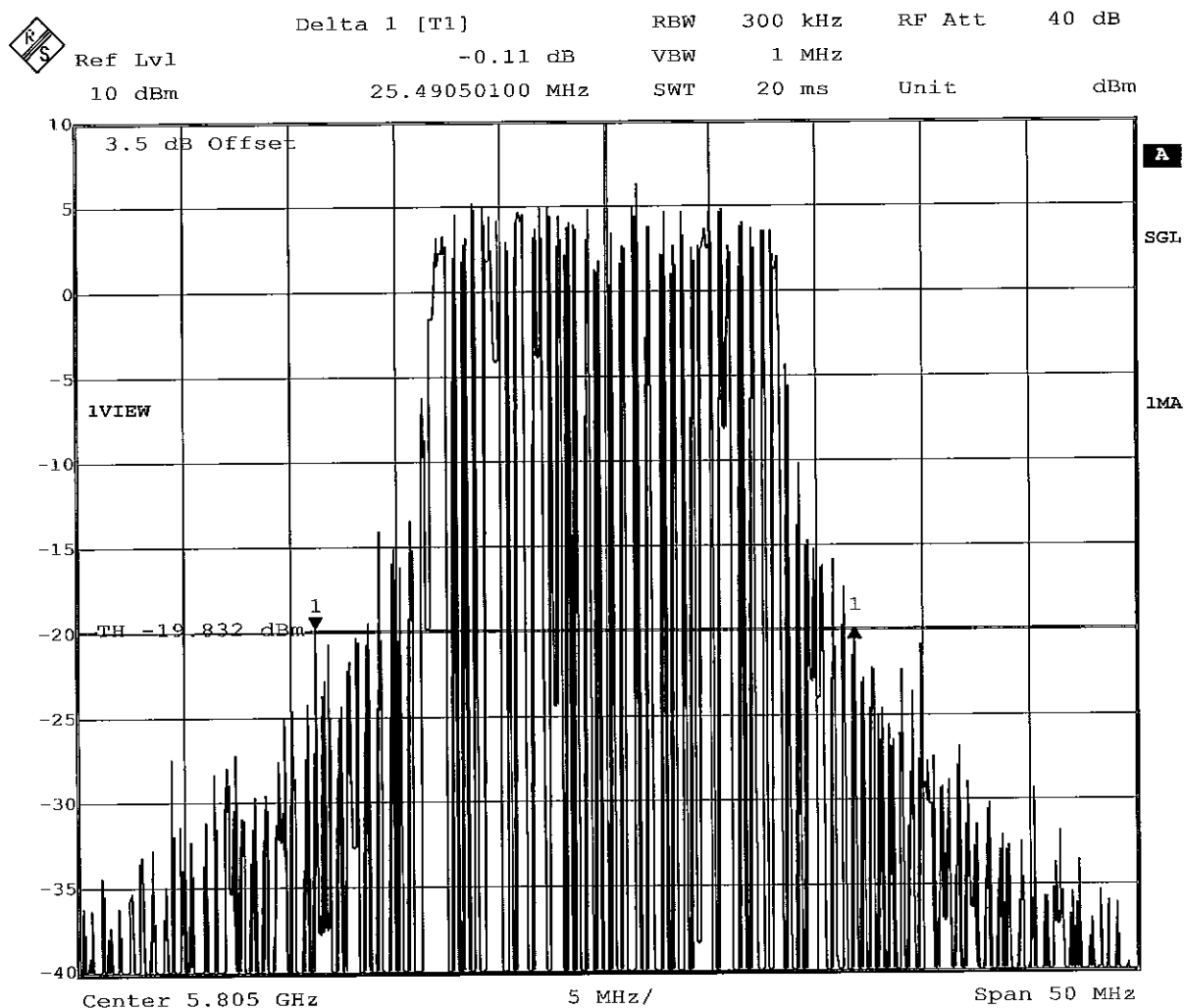
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)**  
**Emission Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	26 dB Bandwidth
Comment 2	Channel frequency: 5805 MHz
Comment 3	OFDM / 6 Mbit/s



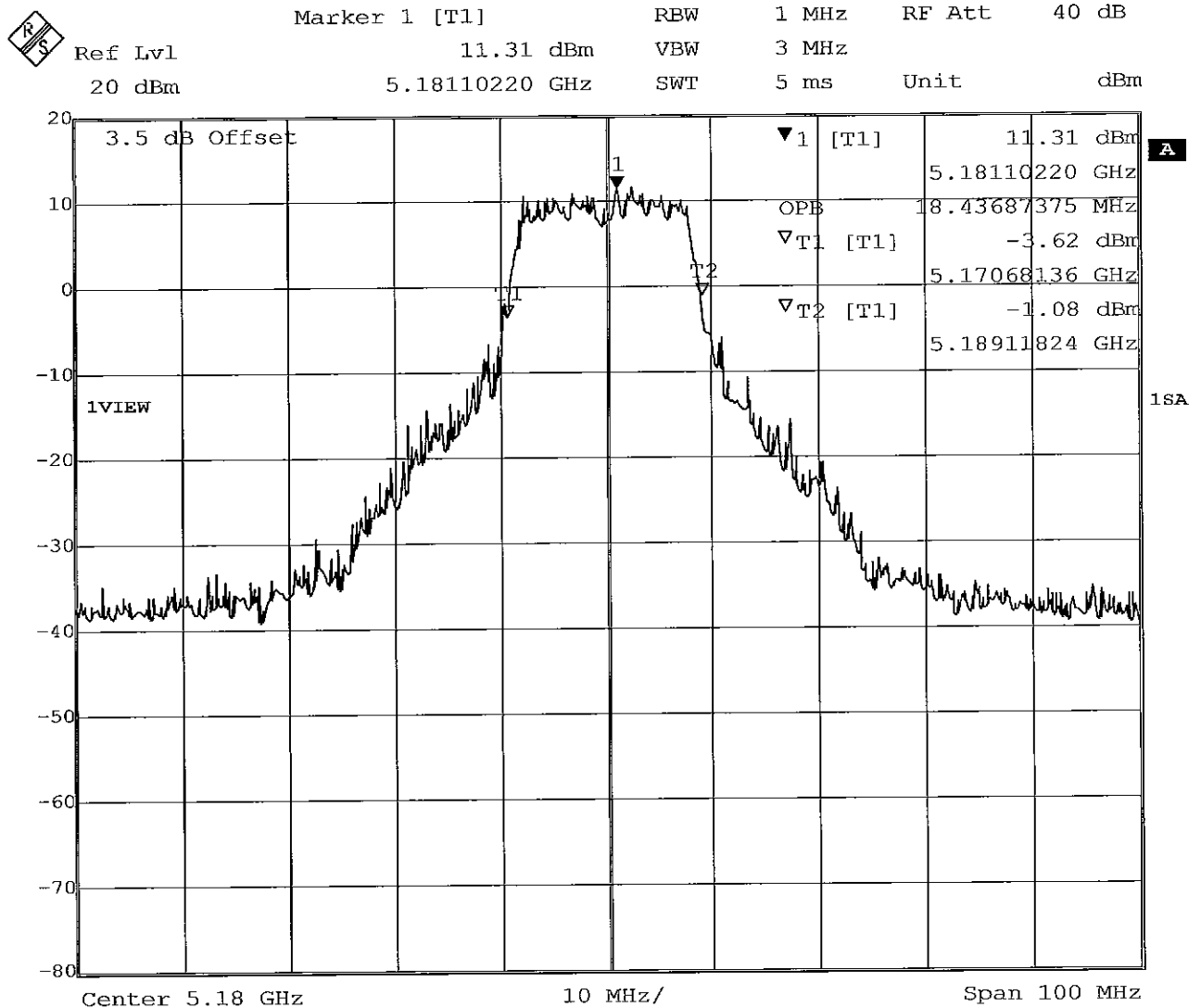
Comment A: Emission bandwidth: 25.491 MHz  
Date: 6.MAY.2008 08:30:43

### Measurement diagram

Eurolins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## RSS Gen Occupied Bandwidth

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5180 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Occupied bandwidth: 18.44 MHz

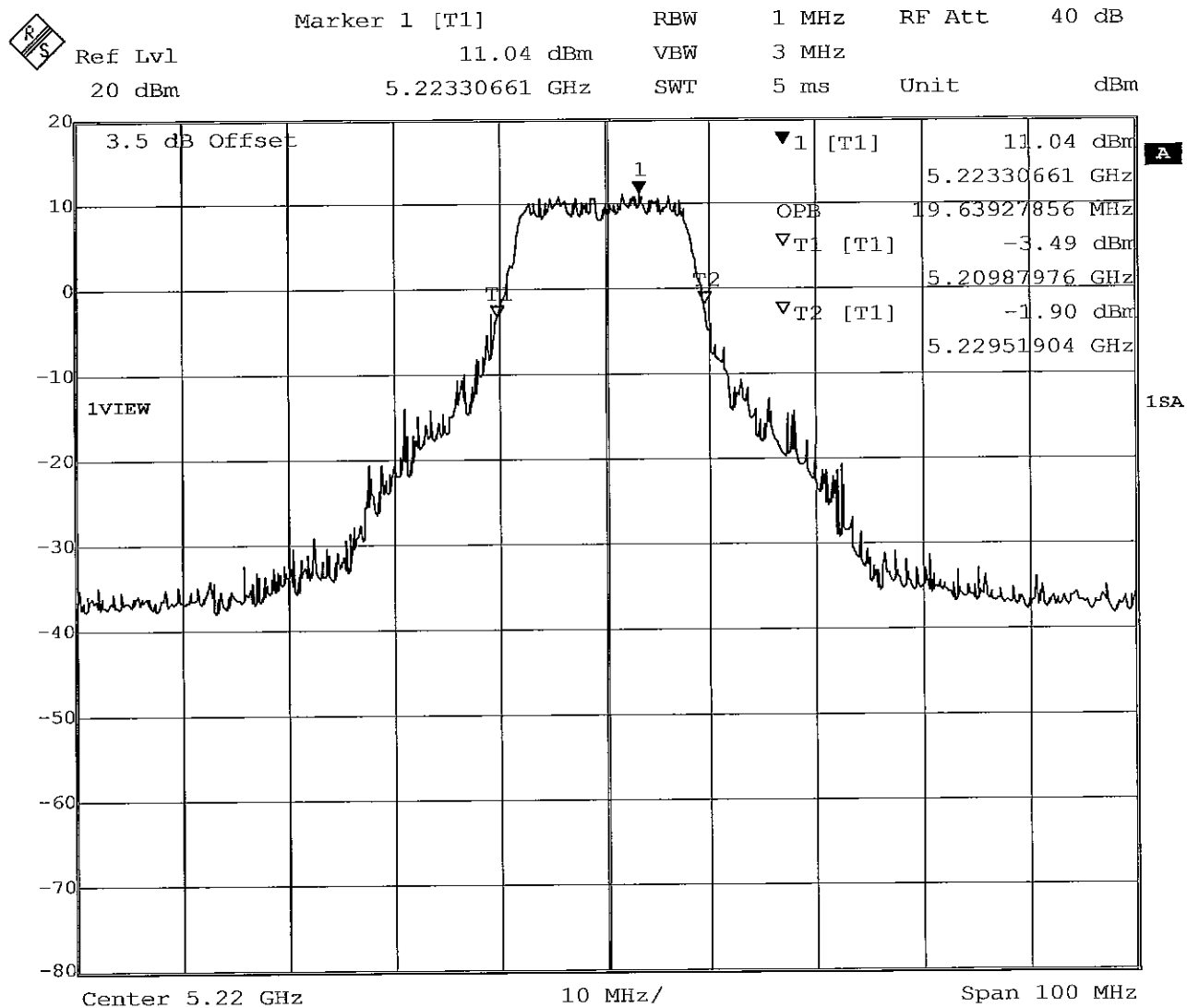
Date: 7.MAY.2008 09:14:07

### Measurement diagram

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**RSS Gen**  
**Occupied Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5220 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Occupied bandwidth: 19.64 MHz  
 Date: 7.MAY.2008 10:04:29

**Measurement diagram**

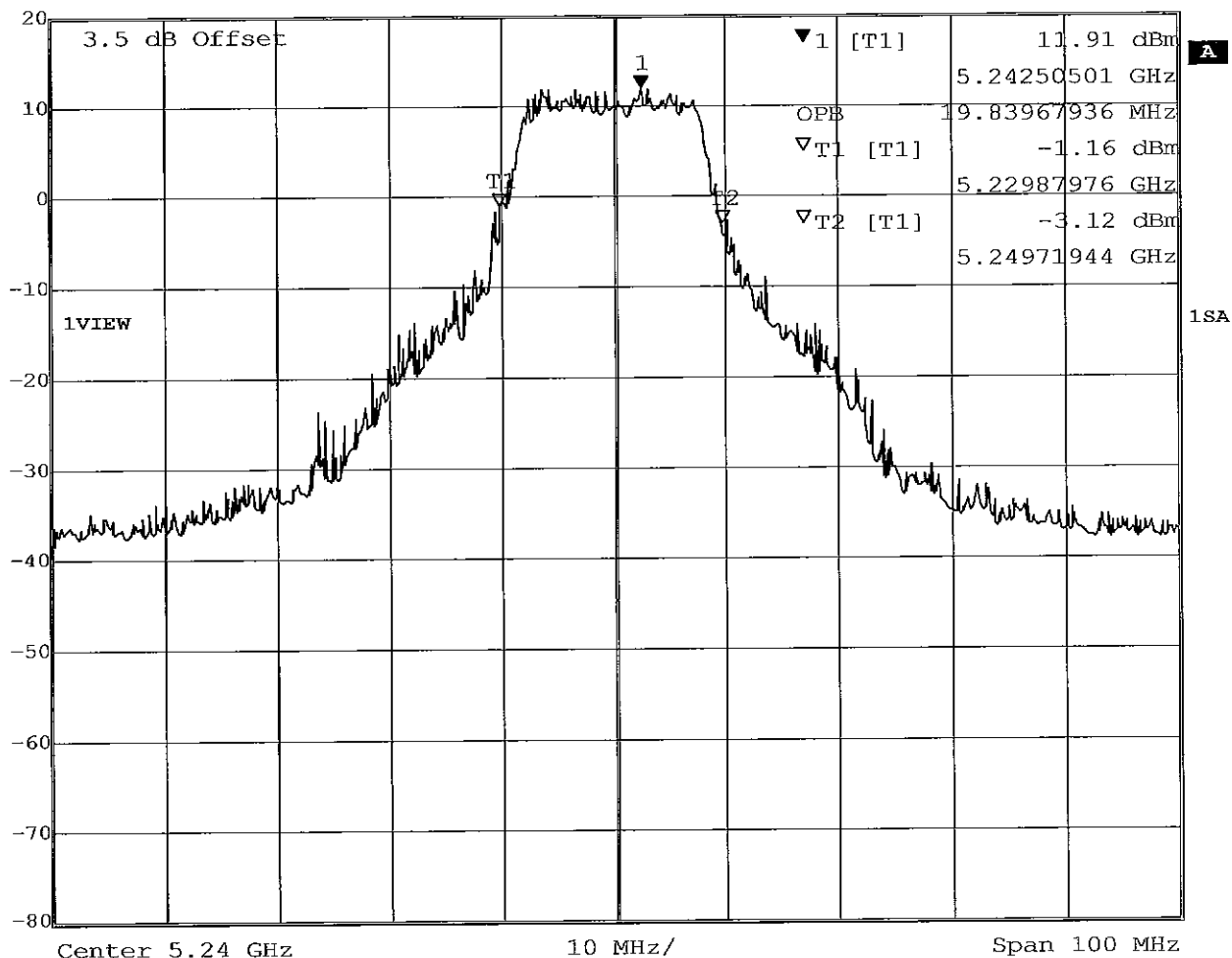
Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**RSS Gen  
Occupied Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5240 MHz
Comment 3	OFDM / 6 Mbit/s



Ref Lvl	Marker 1 [T1]	RBW	1 MHz	RF Att	40 dB
20 dBm	11.91 dBm	VBW	3 MHz		
	5.24250501 GHz	SWT	5 ms	Unit	dBm



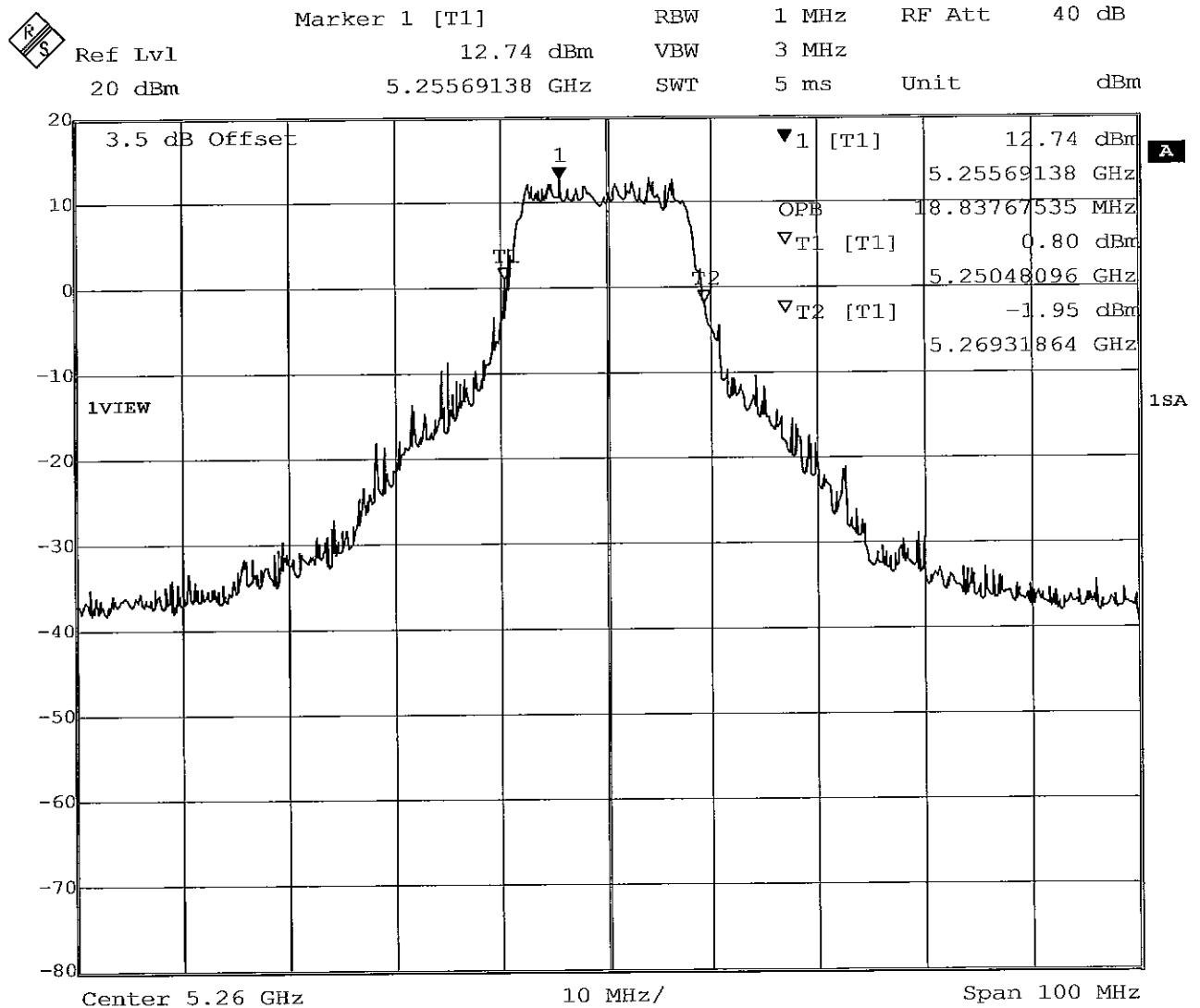
Comment A: Occupied bandwidth: 19.84 MHz  
Date: 7.MAY.2008 10:12:46

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## RSS Gen Occupied Bandwidth

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5260 MHz
Comment 3	OFDM / 6 Mbit/s



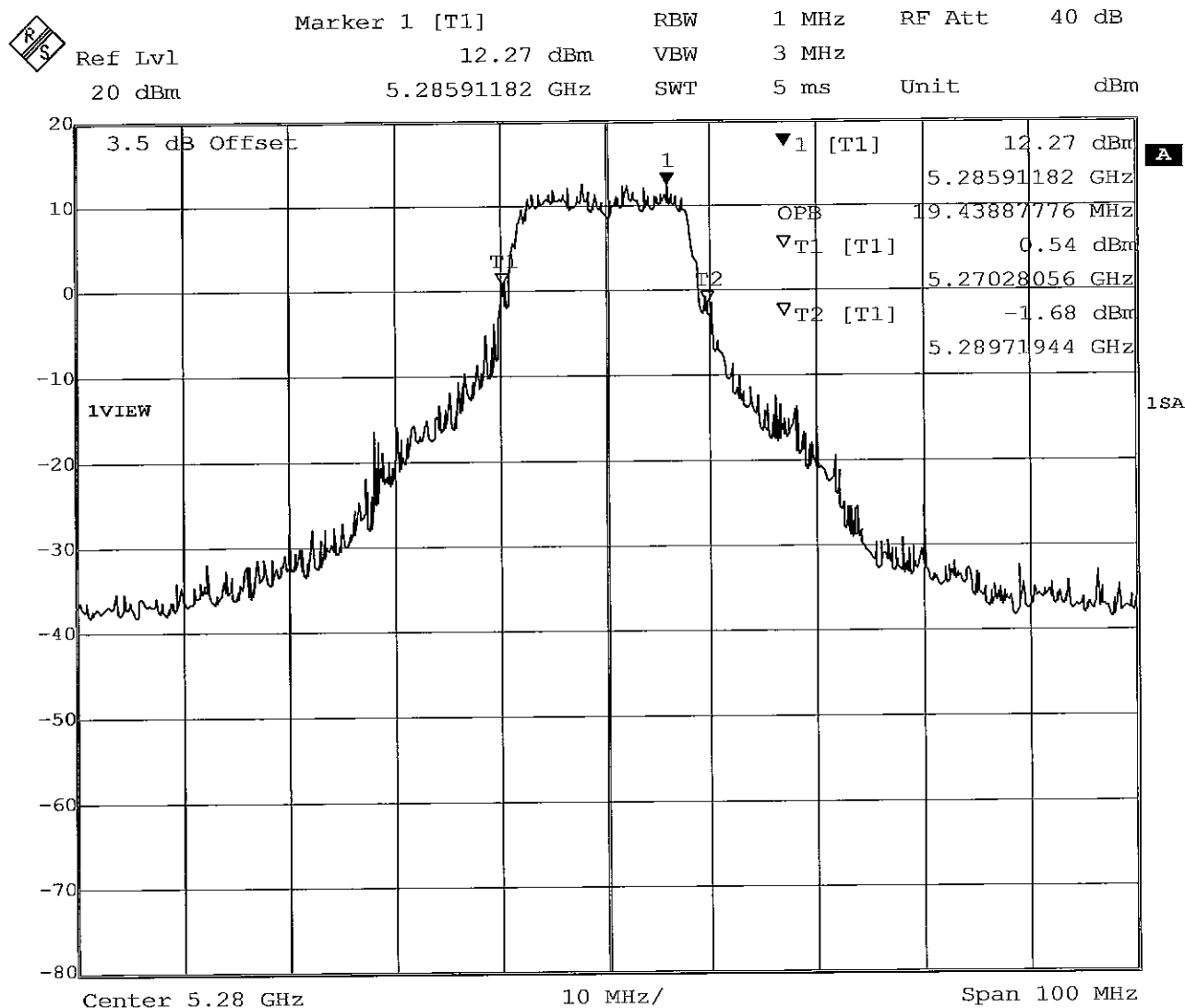
Comment A: Occupied bandwidth: 18.84 MHz  
 Date: 7.MAY.2008 10:14:14

### Measurement diagram

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## RSS Gen Occupied Bandwidth

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5280 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Occupied bandwidth: 19.44 MHz

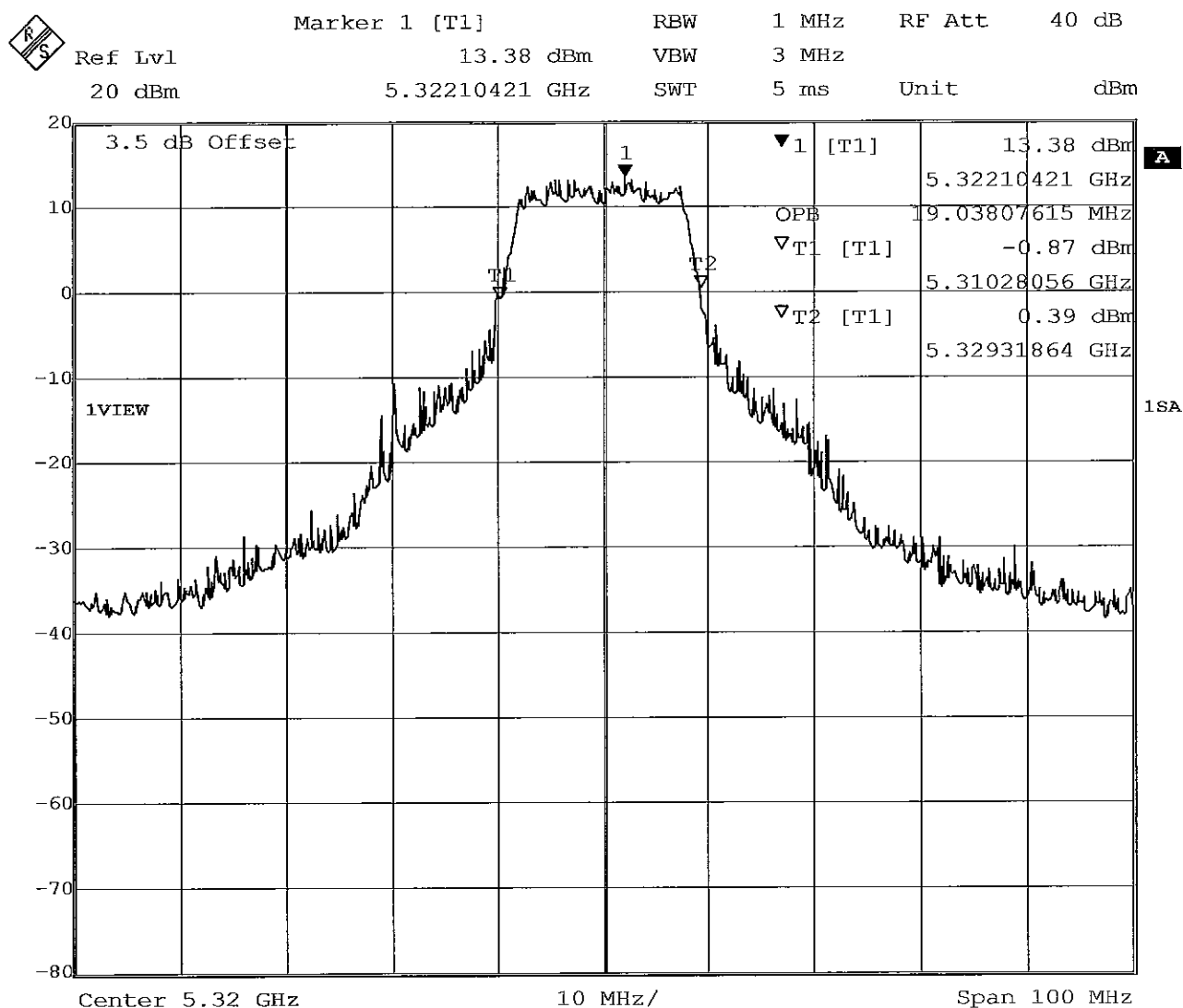
Date: 7.MAY.2008 10:15:40

### Measurement diagram

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## RSS Gen Occupied Bandwidth

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5320 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Occupied bandwidth: 19.04 MHz

Date: 7.MAY.2008 10:17:12

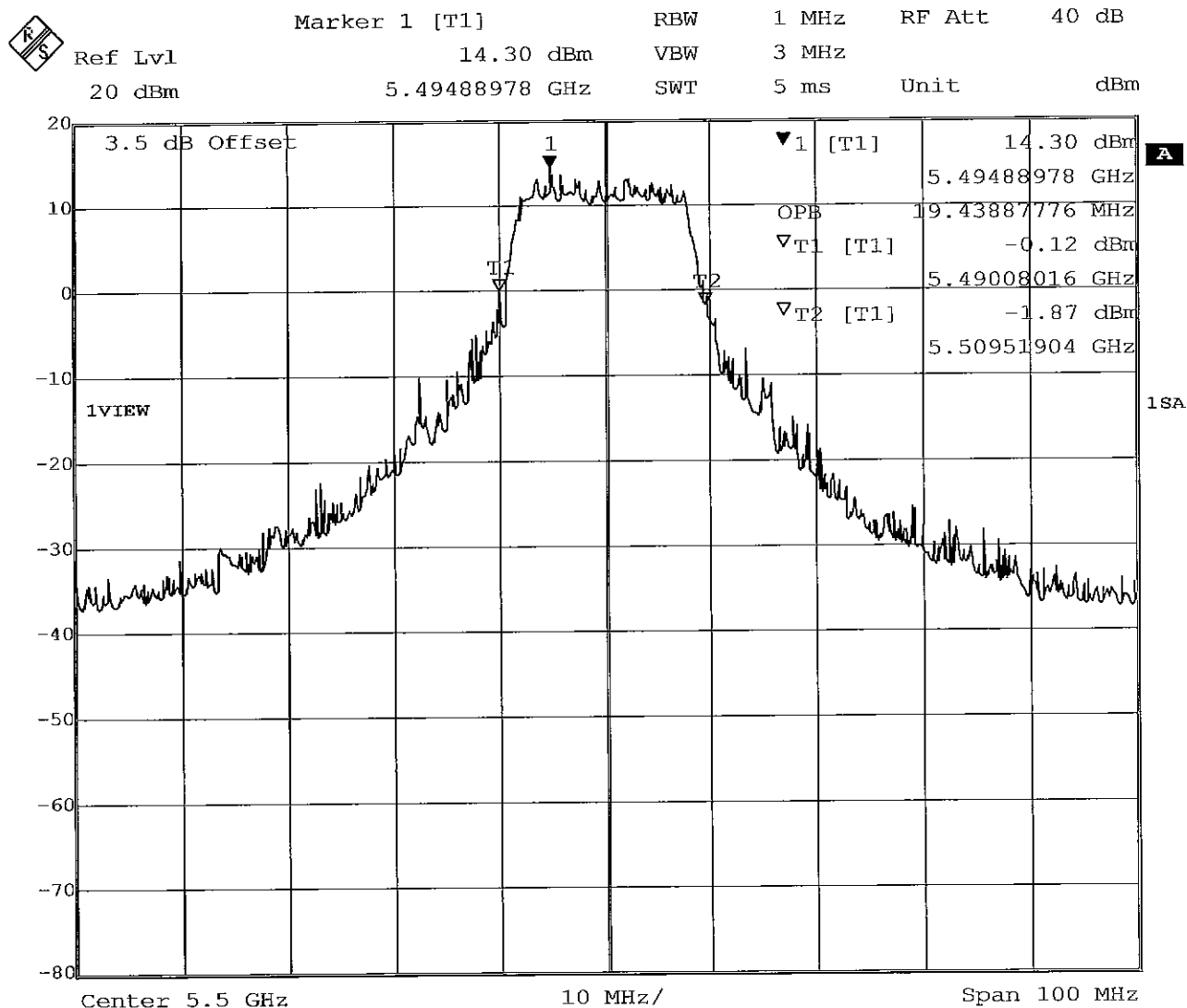
### Measurement diagram

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany



**RSS Gen  
Occupied Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5500 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Occupied bandwidth: 19.44 MHz

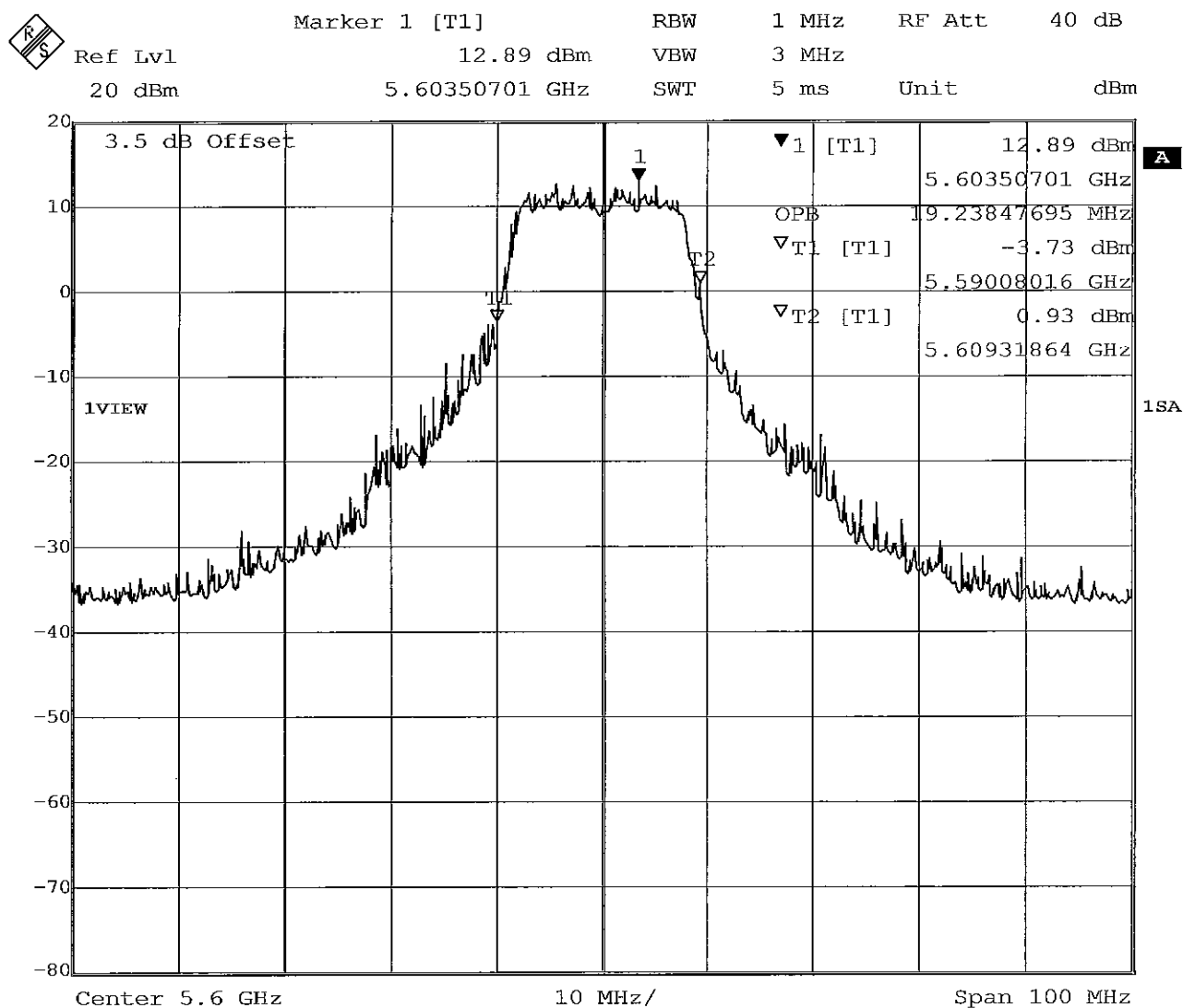
Date: 7.MAY.2008 10:23:01

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## RSS Gen Occupied Bandwidth

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5600 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Occupied bandwidth: 19.24 MHz

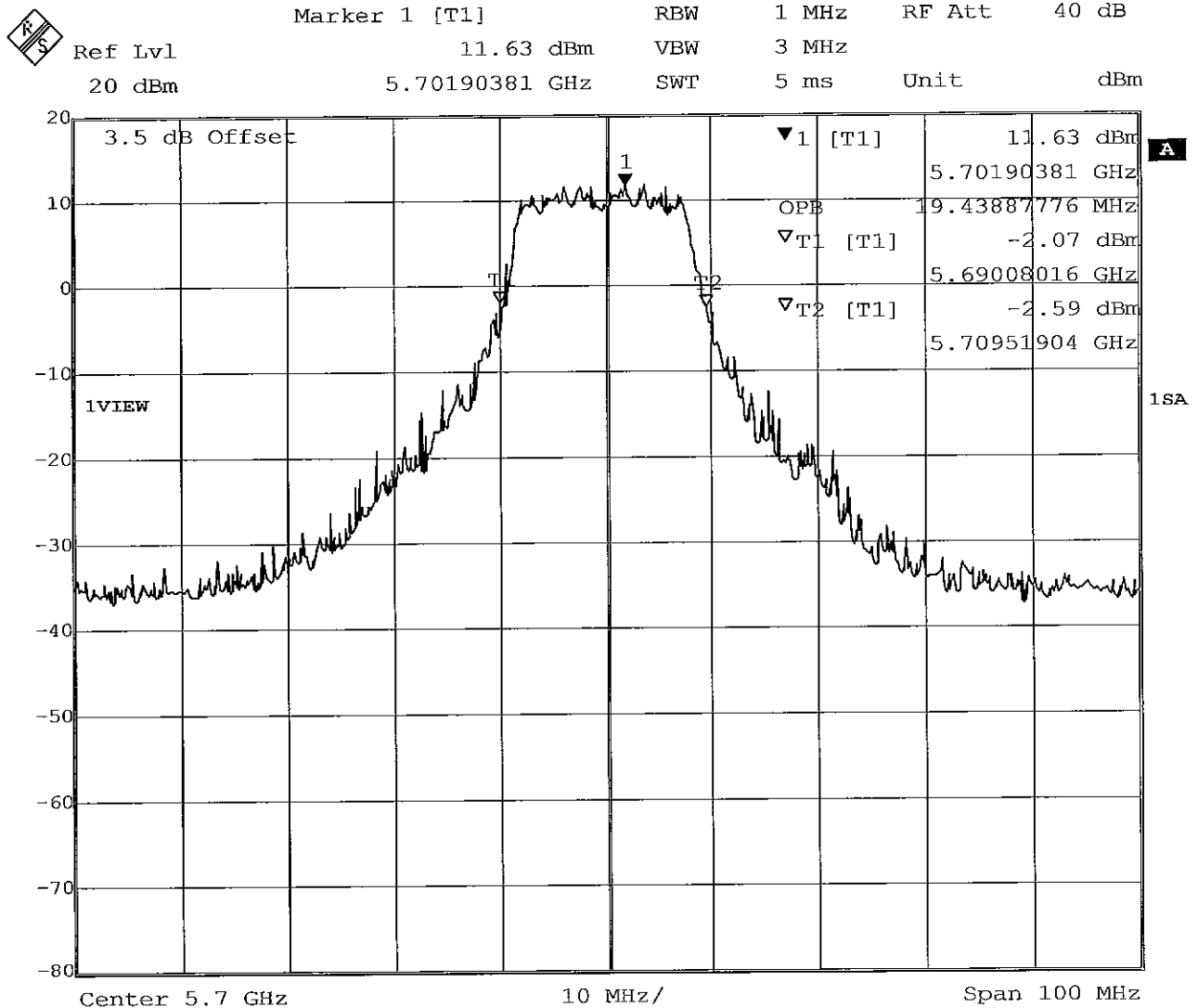
Date: 7.MAY.2008 10:24:39

### Measurement diagram

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## RSS Gen Occupied Bandwidth

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5700 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Occupied bandwidth: 19.44 MHz

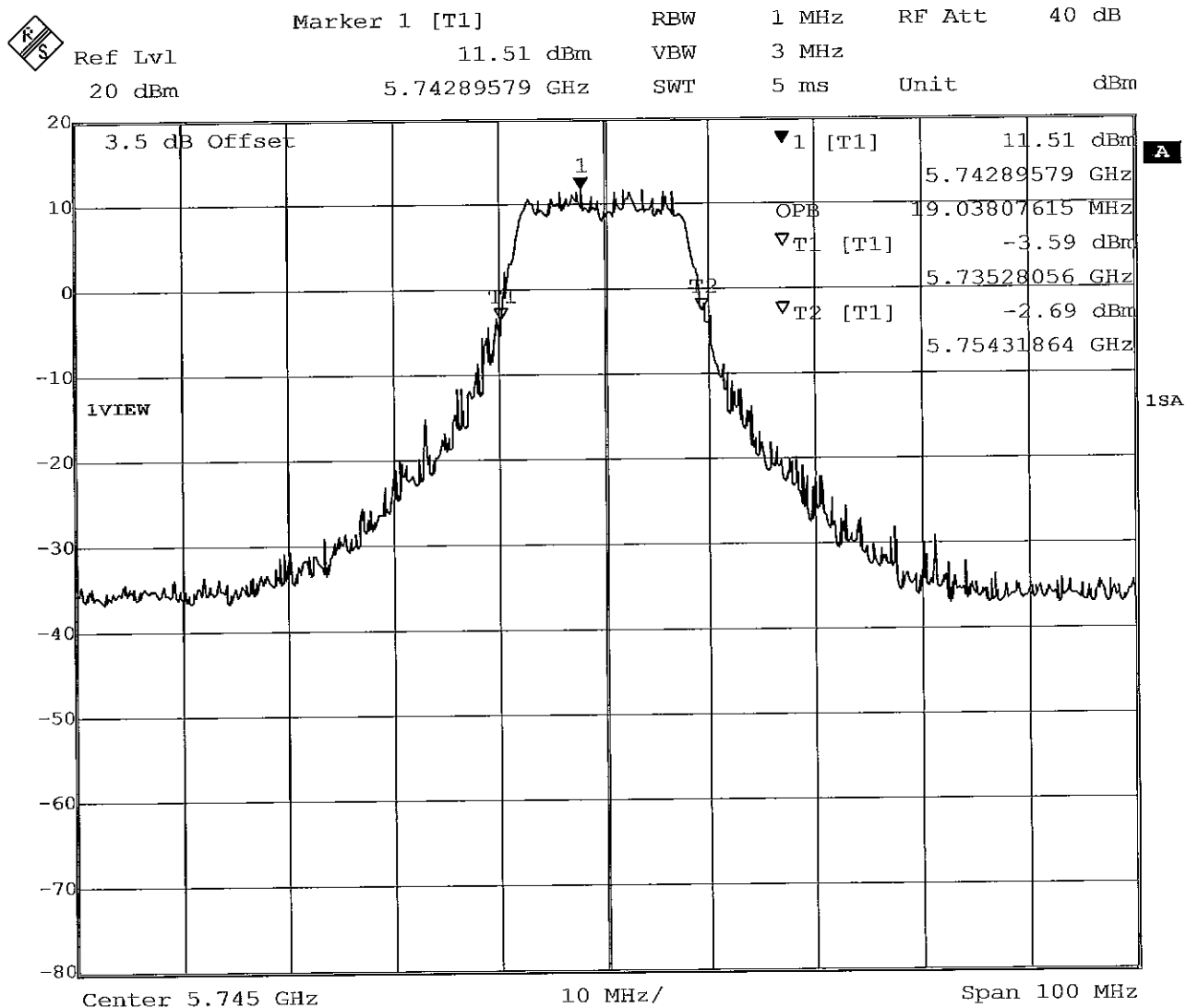
Date: 7.MAY.2008 10:26:23

### Measurement diagram

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**RSS Gen**  
**Occupied Bandwidth**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5745 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Occupied bandwidth: 19.04 MHz

Date: 7.MAY.2008 10:27:58

**Measurement diagram**

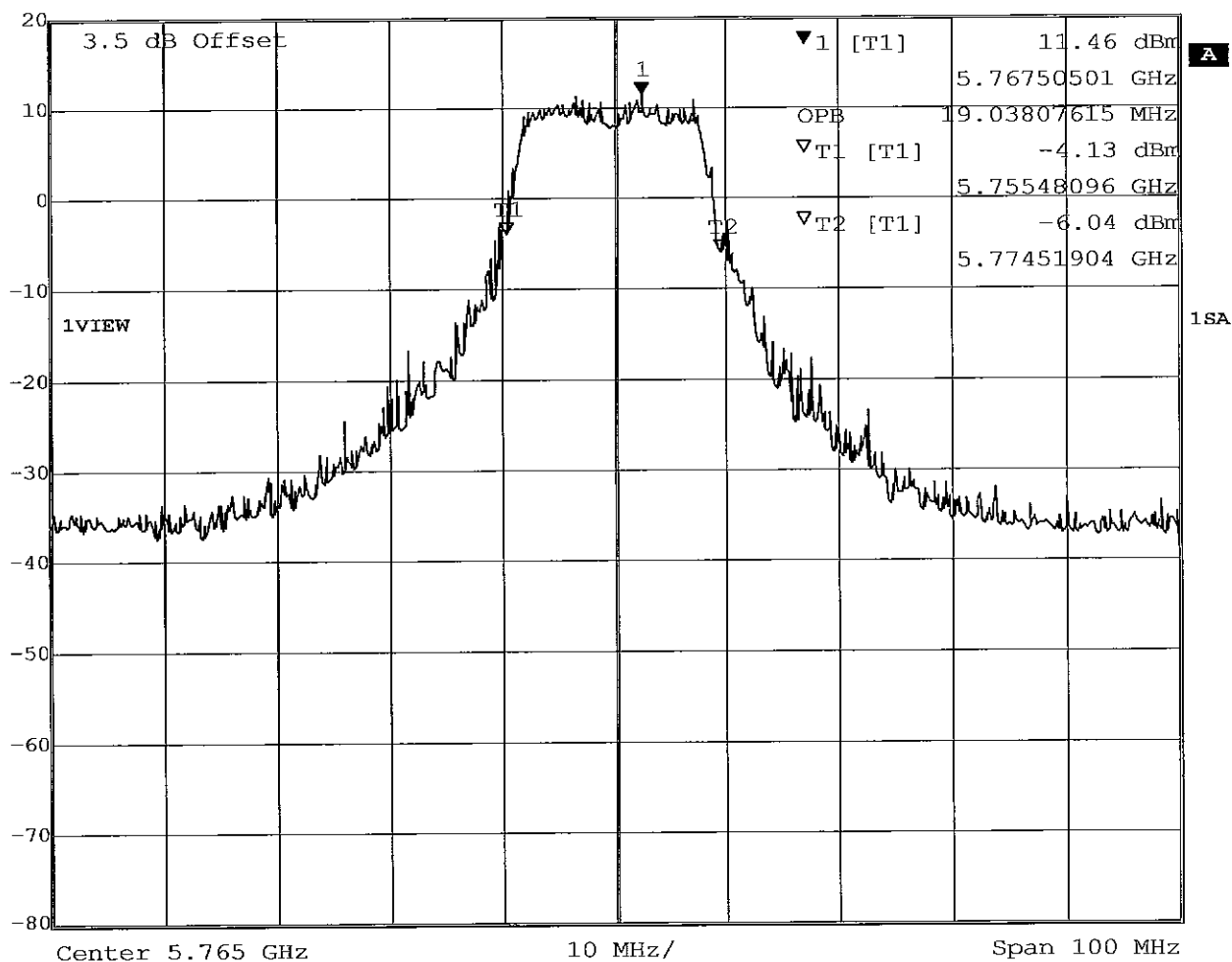
Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## RSS Gen Occupied Bandwidth

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5765 MHz
Comment 3	OFDM / 6 Mbit/s



Marker 1 [T1]	RBW	1 MHz	RF Att	40 dB
Ref Lvl	11.46 dBm	VBW	3 MHz	
20 dBm	5.76750501 GHz	SWT	5 ms	Unit dBm



Comment A: Occupied bandwidth: 19.04 MHz

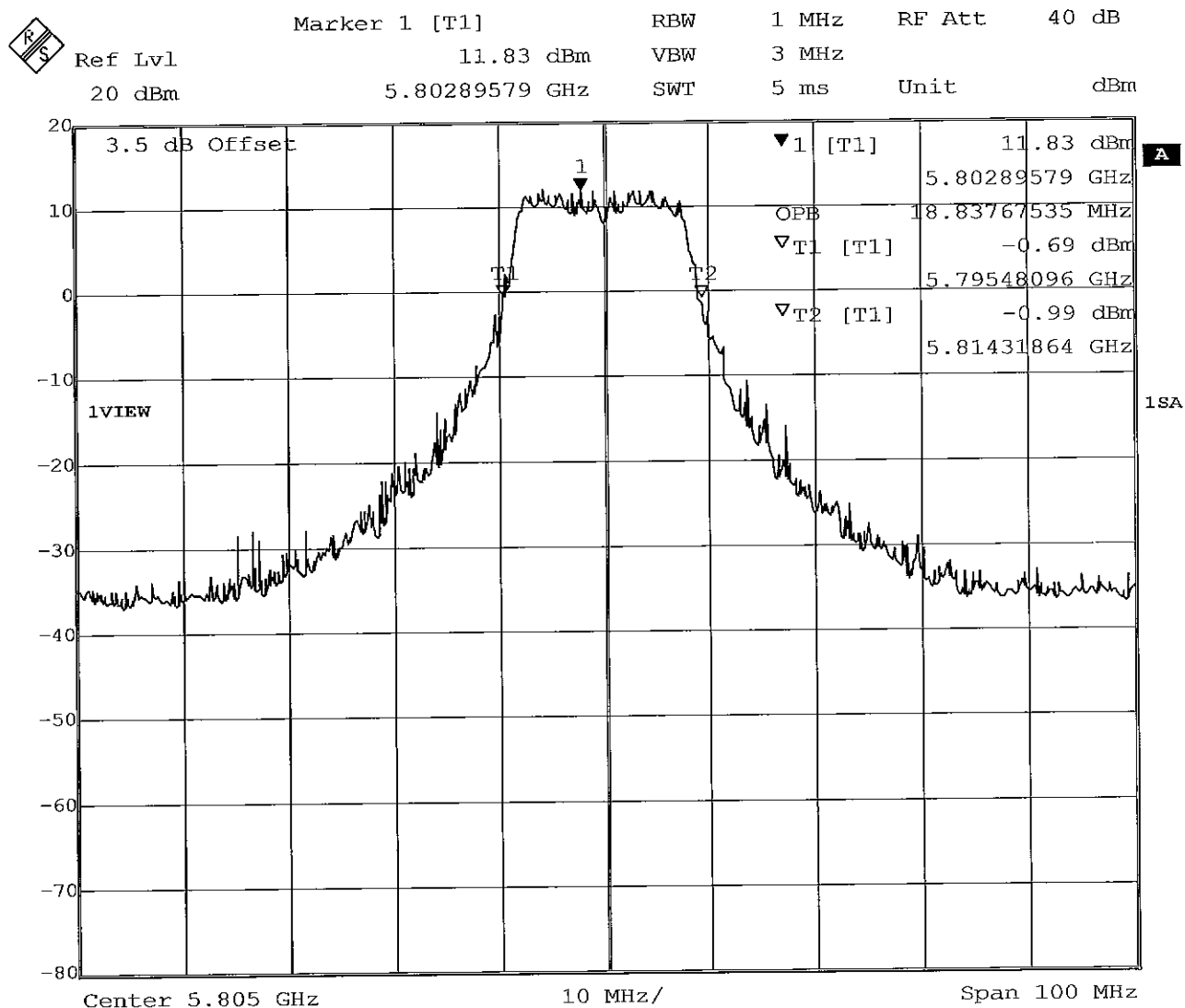
Date: 7.MAY.2008 10:29:37

### Measurement diagram

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## RSS Gen Occupied Bandwidth

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	4.4.1 Occupied Bandwidth
Comment 1	A spectrum analyzer with an integrated 99% power bandwidth function is used
Comment 2	Channel frequency: 5805 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Occupied bandwidth: 18.84 MHz

Date: 7.MAY.2008 10:31:39

### Measurement diagram

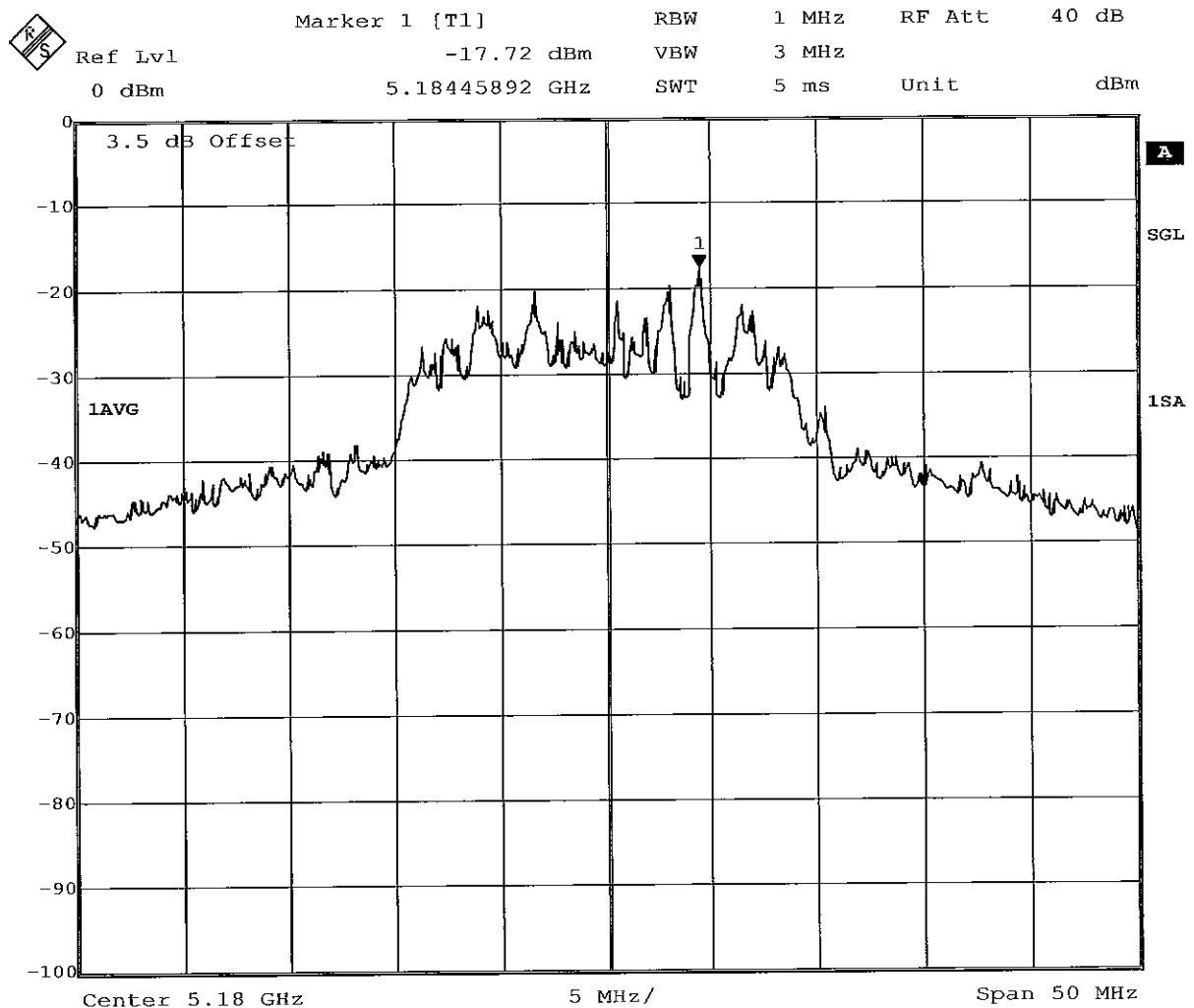
Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

## **Annex D**

Peak power spectral density

**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5180 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -17.72 dBm at 5.184  
GHz

Date: 6.MAY.2008 14:13:30

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**Measurement diagram**


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Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

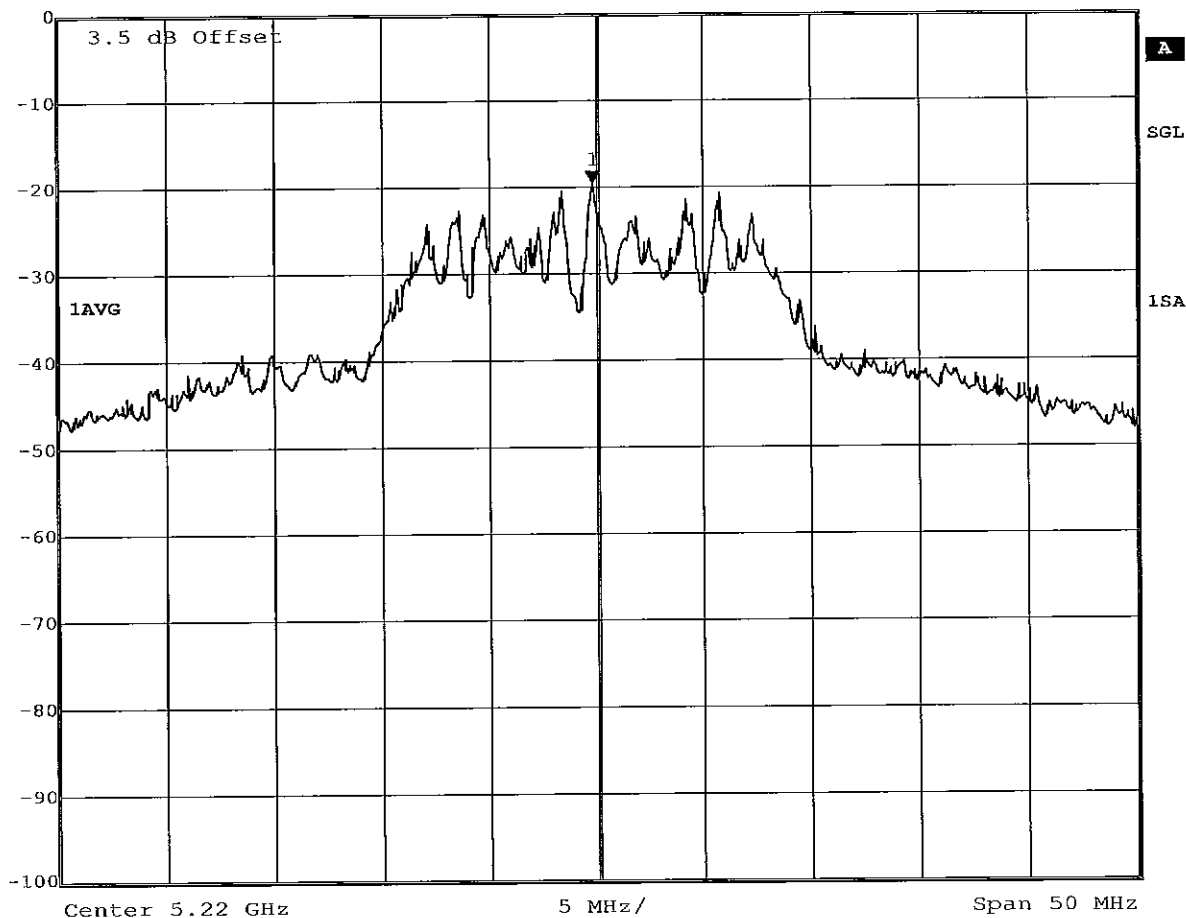


**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5220 MHz
Comment 3	OFDM / 6 Mbit/s



Ref Lvl	Marker 1 [T1]	RBW	1 MHz	RF Att	40 dB
0 dBm	-19.65 dBm	VBW	3 MHz		
	5.21984970 GHz	SWT	5 ms	Unit	dBm



Comment A: Peak Power Spectral Density (Method#2): -19.65 dBm at 5.22 GHz

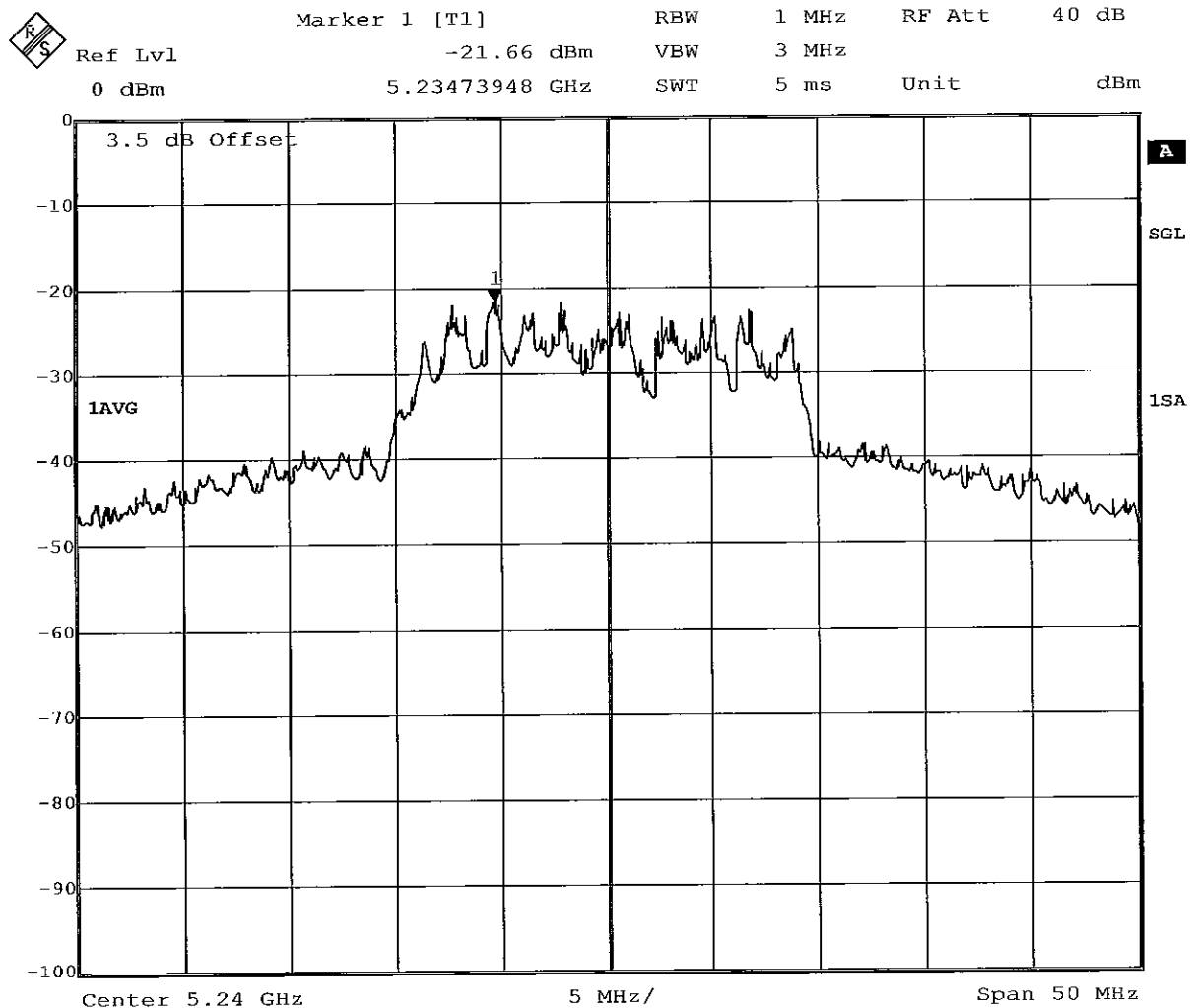
Date: 6.MAY.2008 14:30:00

**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5240 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -21.66 dBm at 5.235 GHz

Date: 6.MAY.2008 14:31:26

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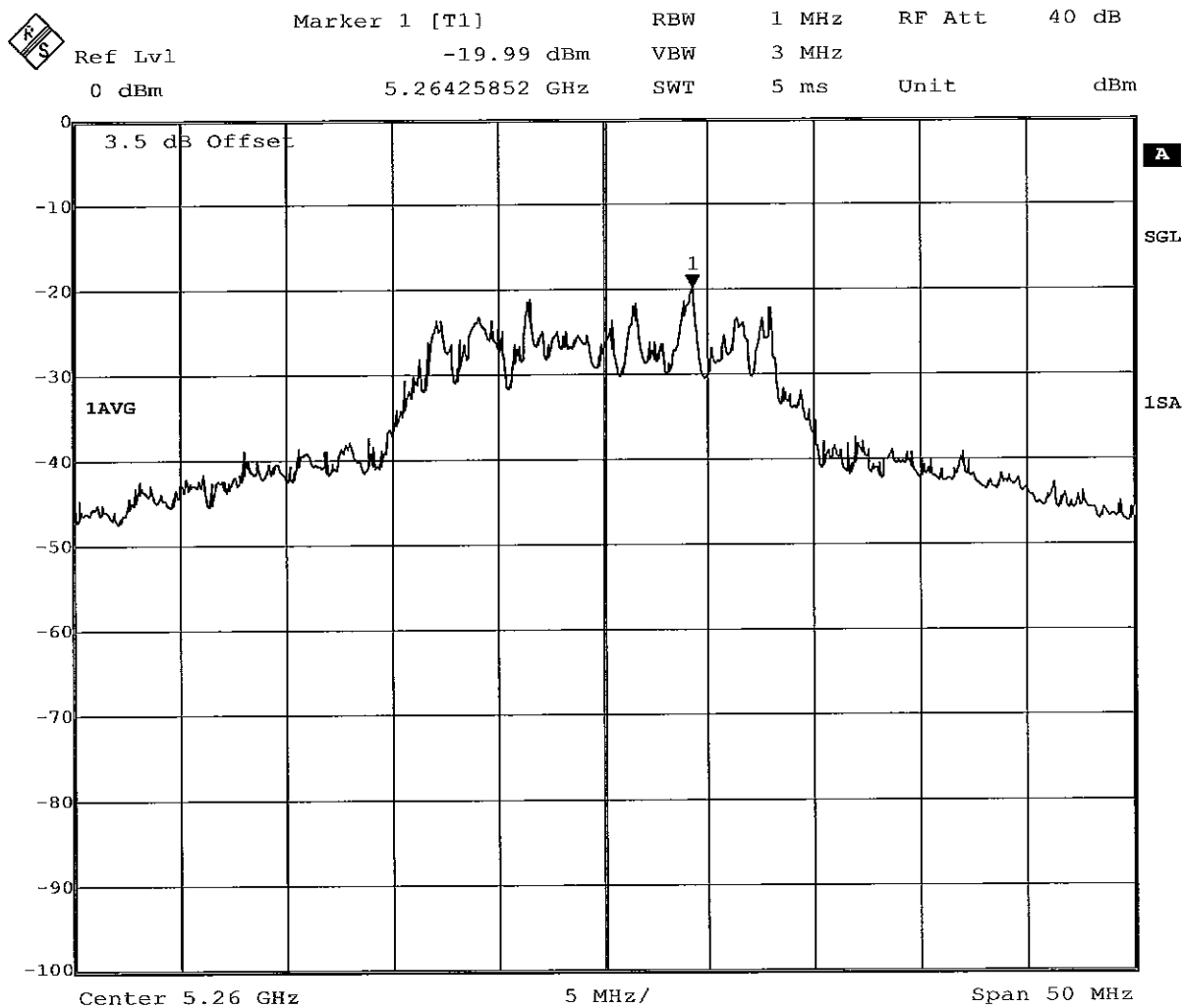
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-5)  
Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5260 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -19.99 dBm at 5.264  
GHz

Date: 6.MAY.2008 14:32:55

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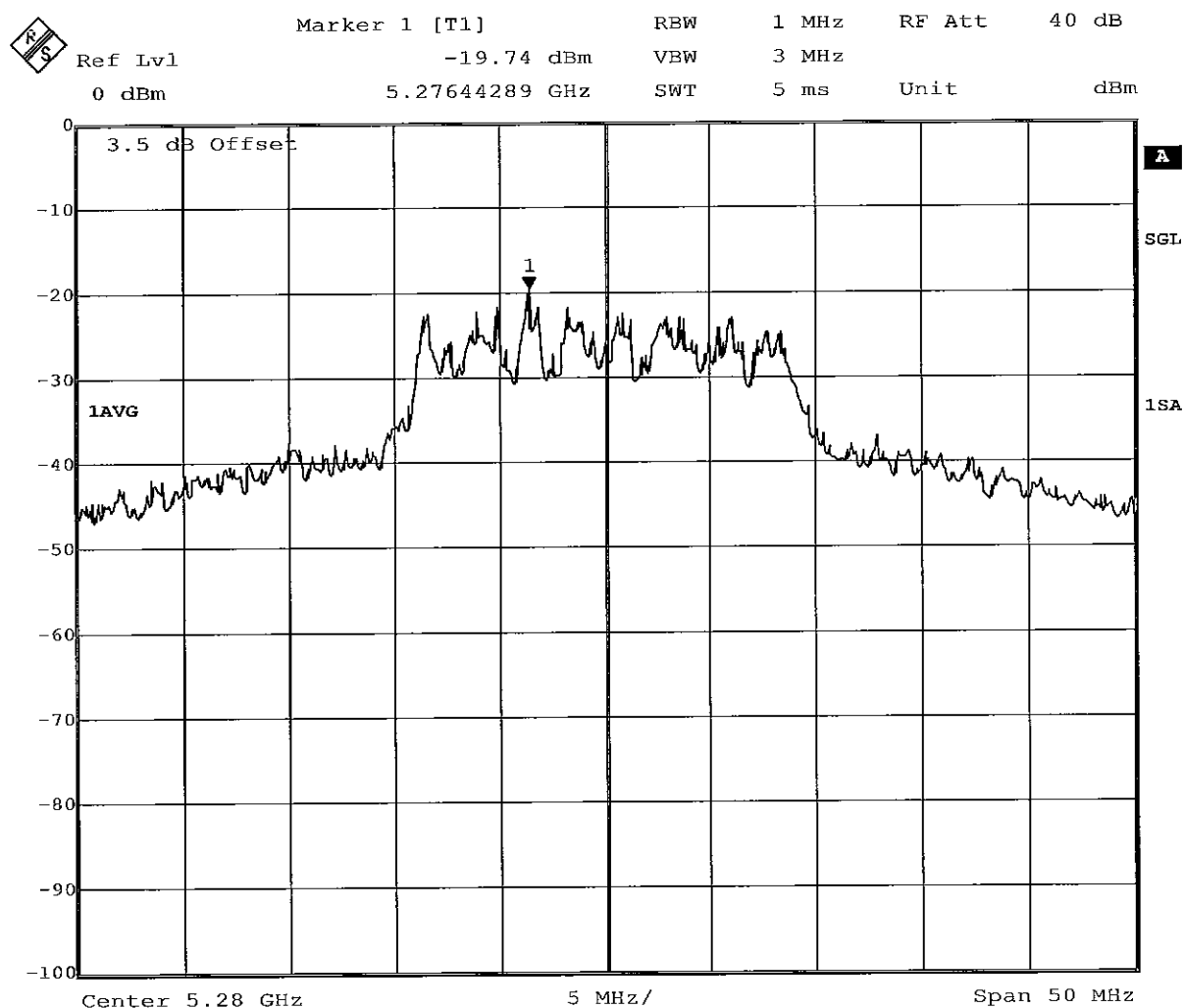
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5280 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -19.74 dBm at 5.276  
GHz

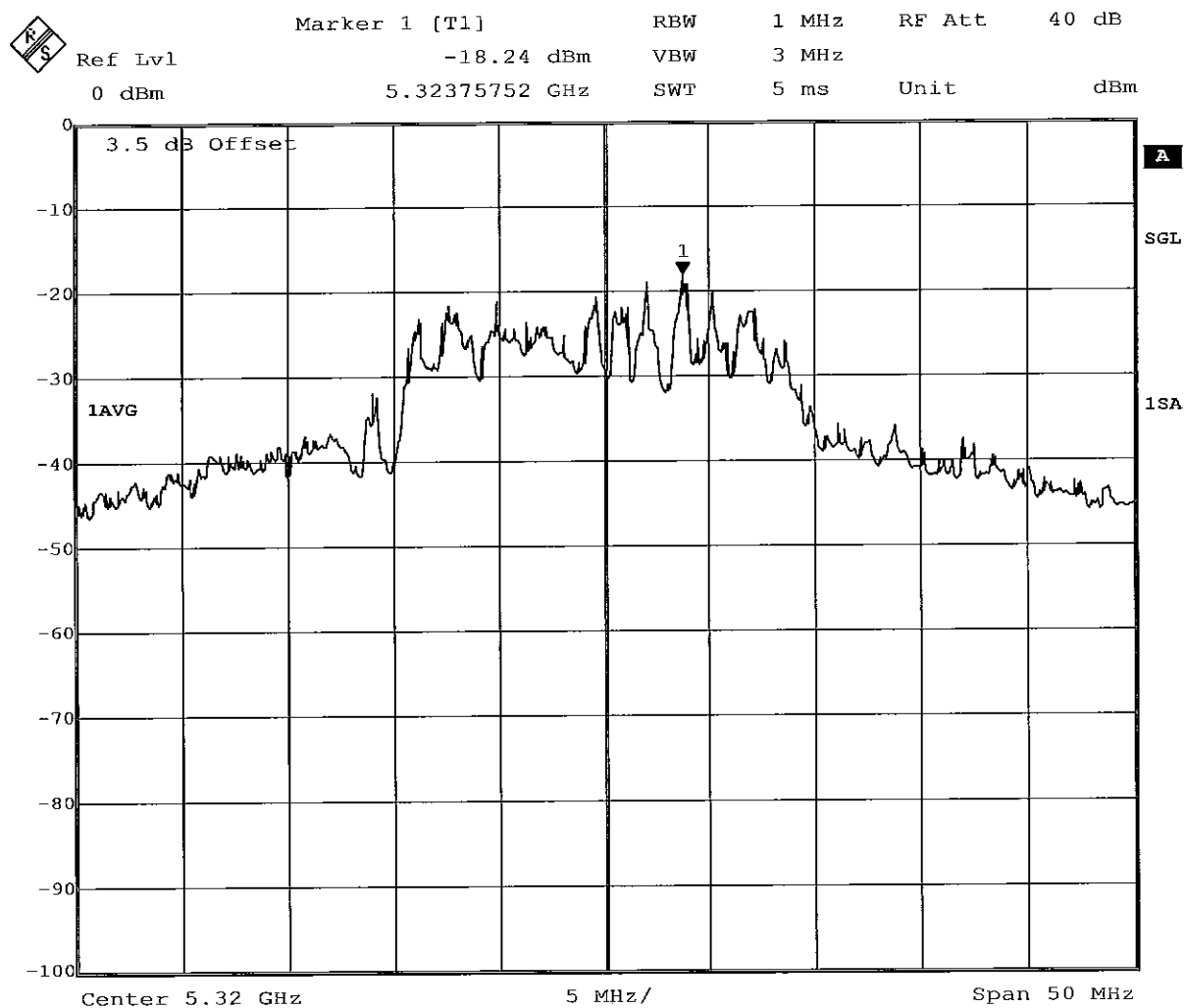
Date: 6.MAY.2008 14:37:40

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5320 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -18.24 dBm at 5.324 GHz

Date: 6.MAY.2008 14:39:19

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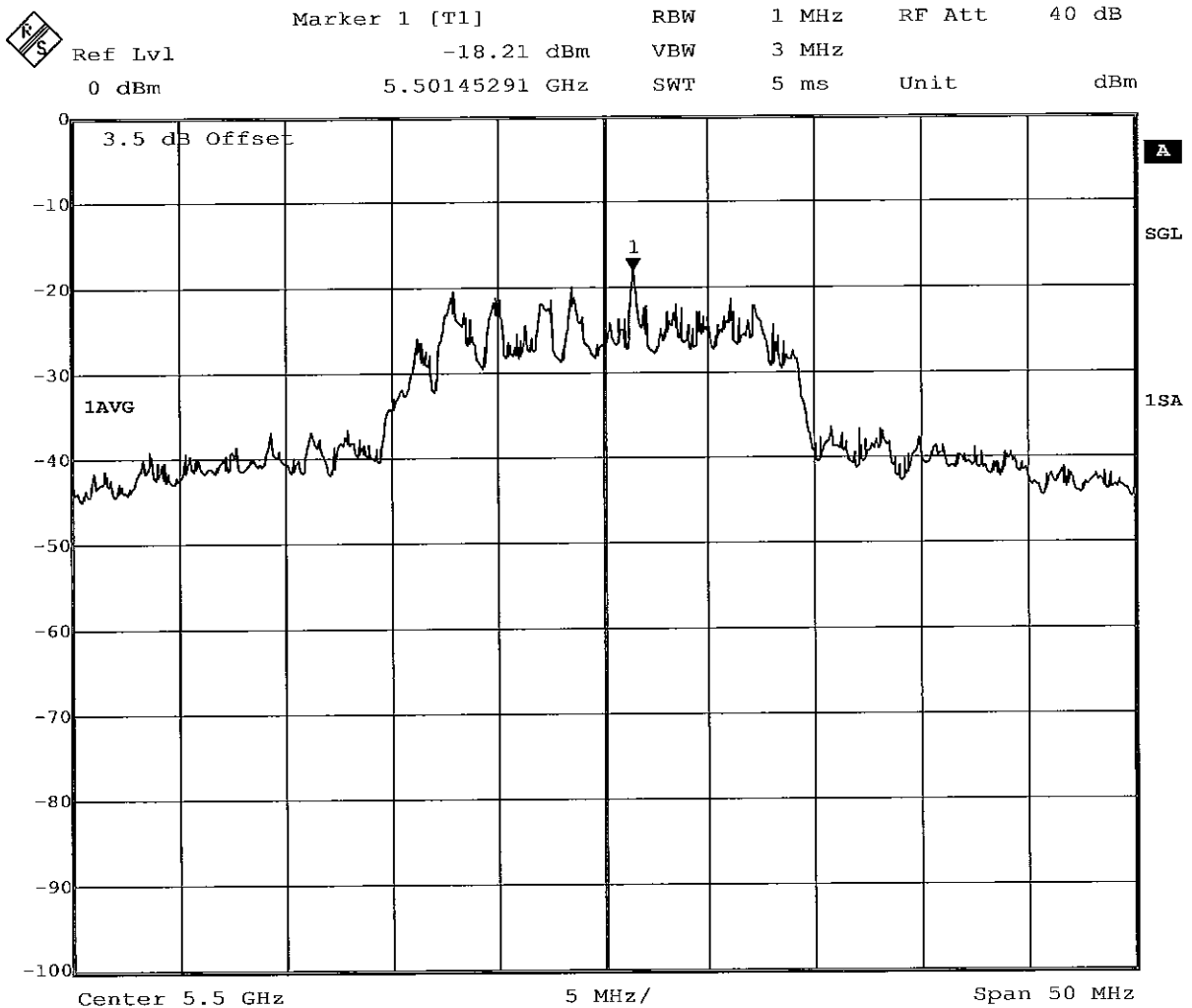
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5500 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -18.21 dBm at 5.501  
GHz

Date: 6.MAY.2008 14:41:08

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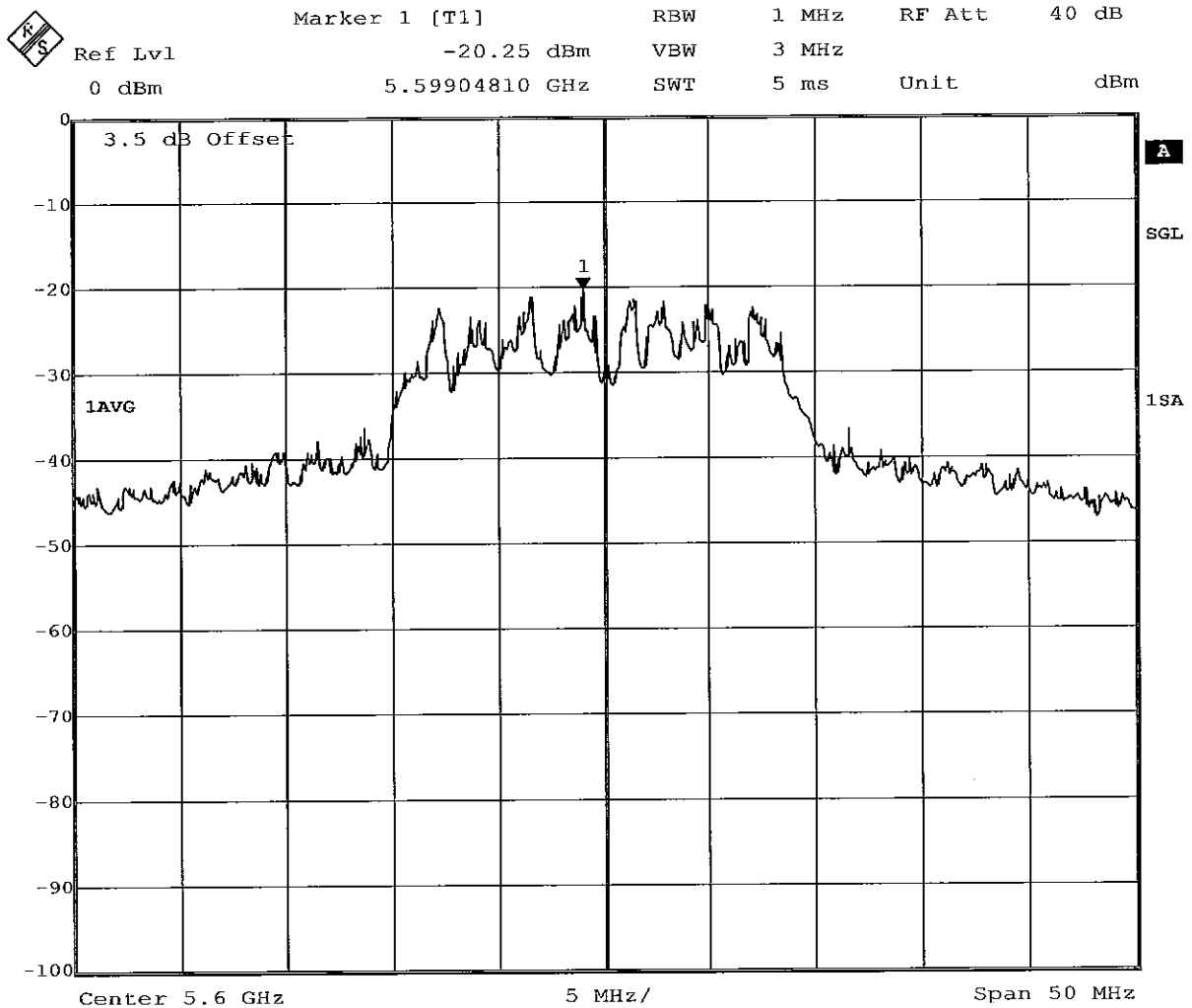
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5600 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -20.25 dBm at 5.599 GHz

Date: 6.MAY.2008 14:42:24

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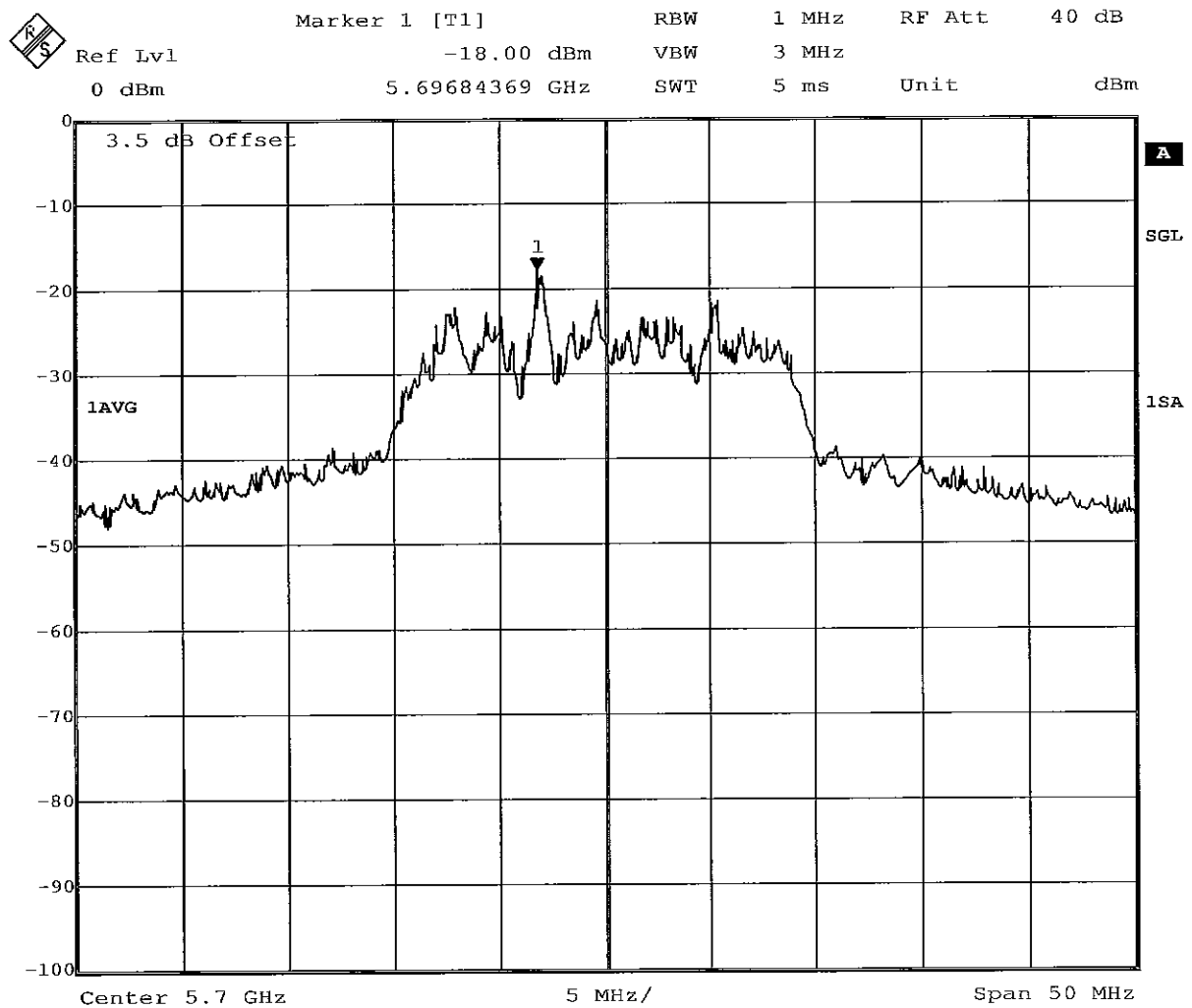
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5700 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -18 dBm at 5.697 GHz

Date:              6.MAY.2008    14:58:37

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**Measurement diagram**

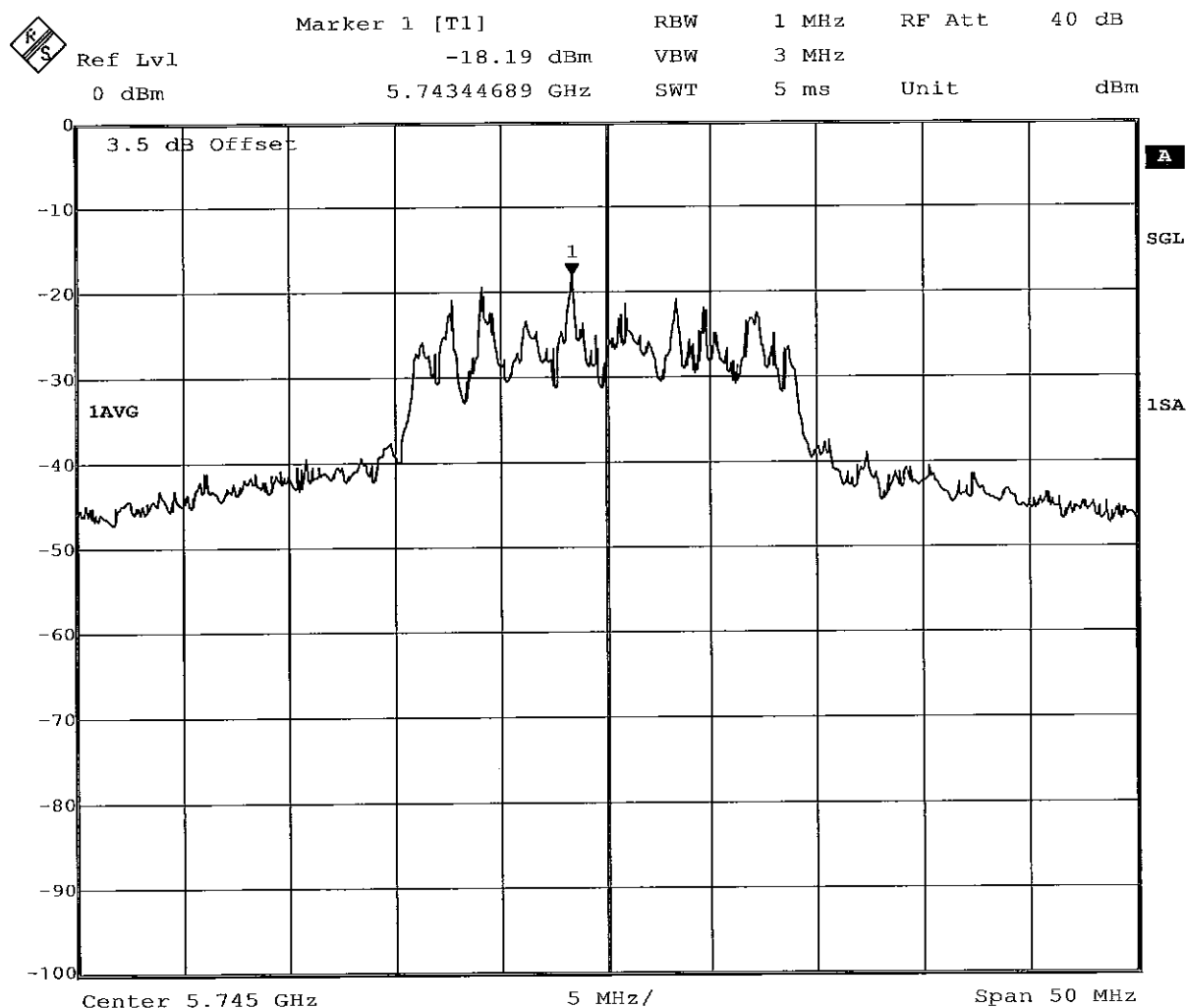

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Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany



**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5745 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -18.19 dBm at 5.743 GHz

Date: 6.MAY.2008 15:02:26

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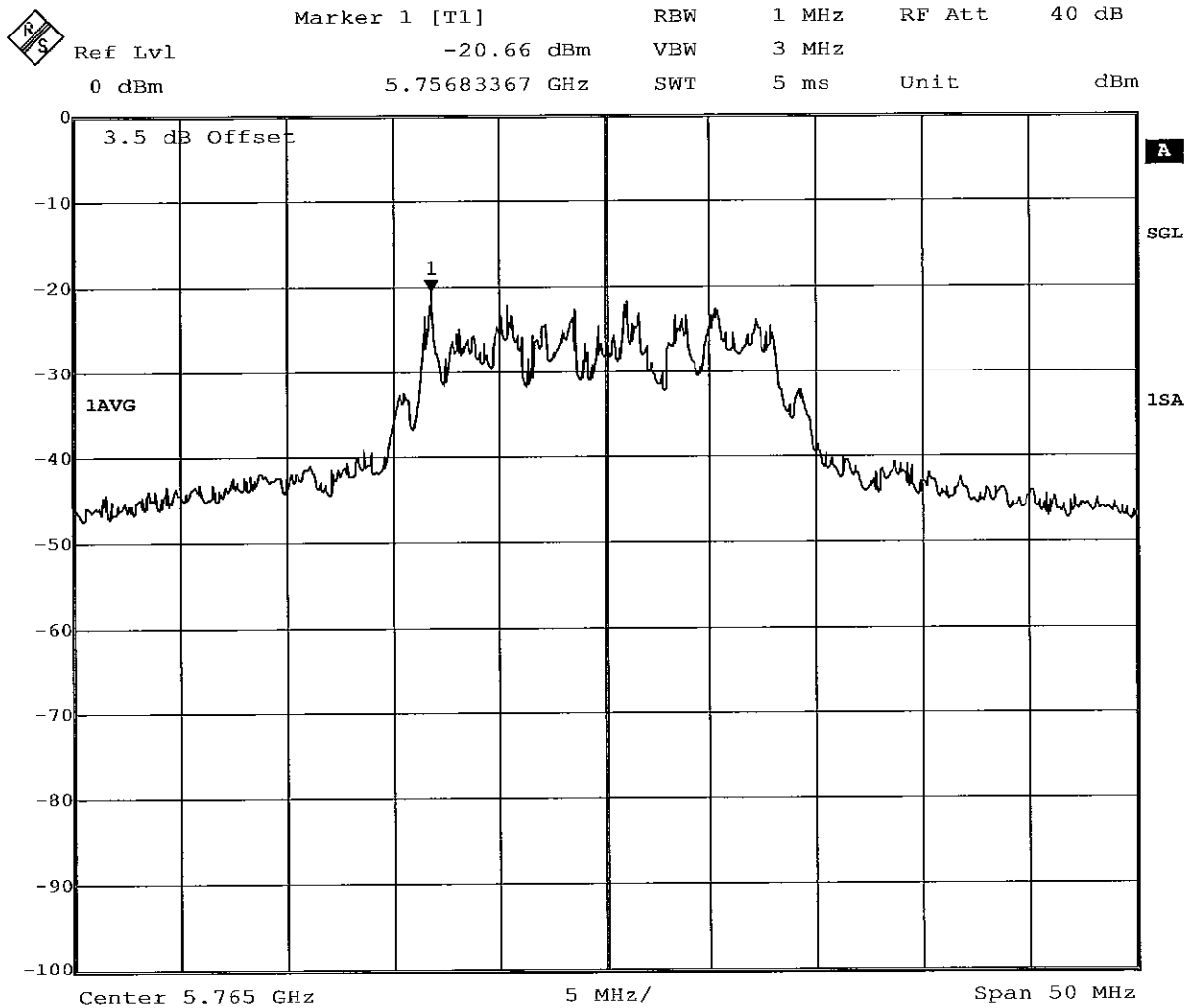
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5765 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -20.66 dBm at 5.757 GHz

Date: 6.MAY.2008 15:03:43

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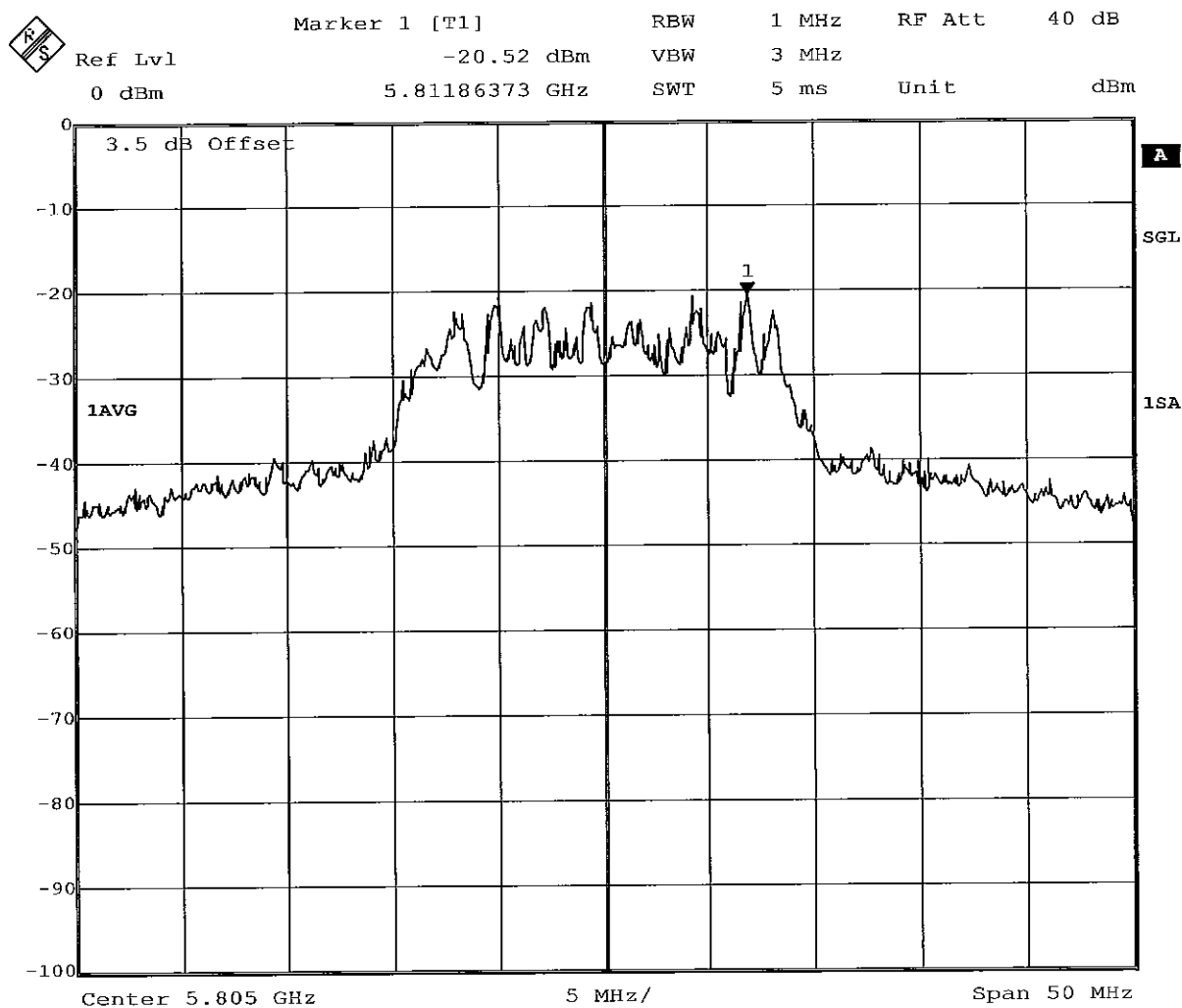
**Measurement diagram**


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Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(1-5)**  
**Peak Power Spectral Density**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(1-5) / DA 02-2138
Comment 1	Peak Power Spectral Density (Method #2)
Comment 2	Channel frequency: 5805 MHz
Comment 3	OFDM / 6 Mbit/s



Comment A: Peak Power Spectral Density (Method#2): -20.52 dBm at 5.812 GHz

Date: 6.MAY.2008 15:06:19

**Measurement diagram**

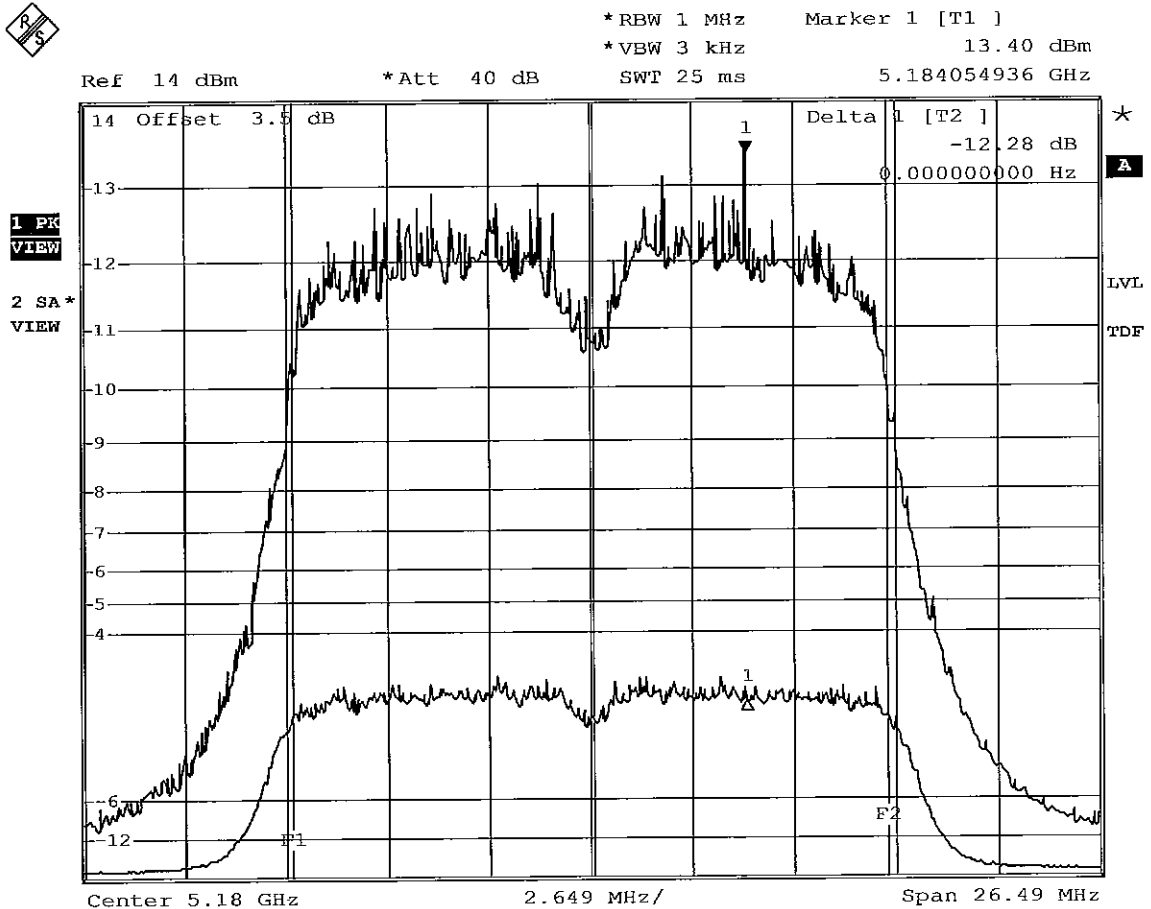
Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

## **Annex E**

Peak Excursion of the modulation

**FCC part 15.407(a)(6)**  
**Peak Excursion of the Modulation**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5180 MHz
Comment 3	OFDM / 6 Mbit/s



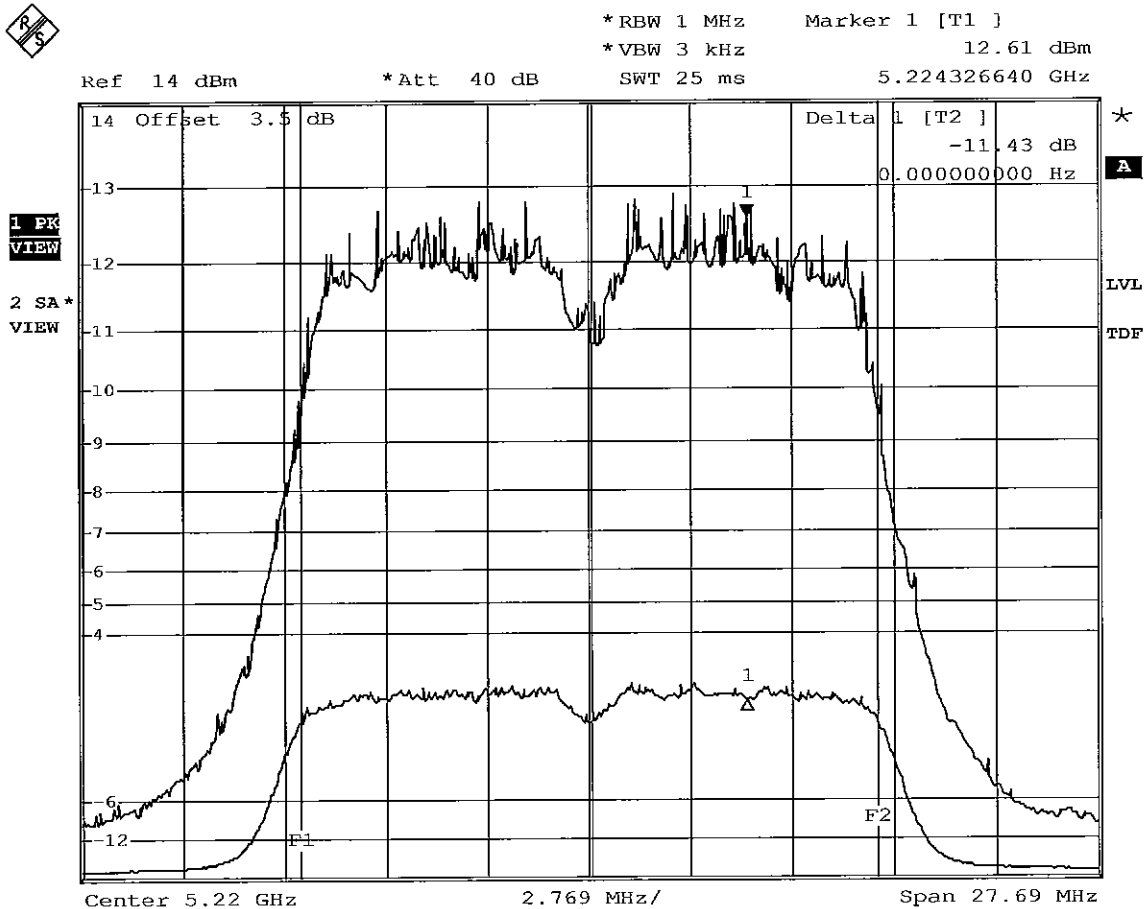
Comment: Maximum peak excursion (method #2)=-12.28 dB  
Date: 7.MAY.2008 06:54:27

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(6)**  
**Peak Excursion of the Modulation**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5220 MHz
Comment 3	OFDM / 6 Mbit/s



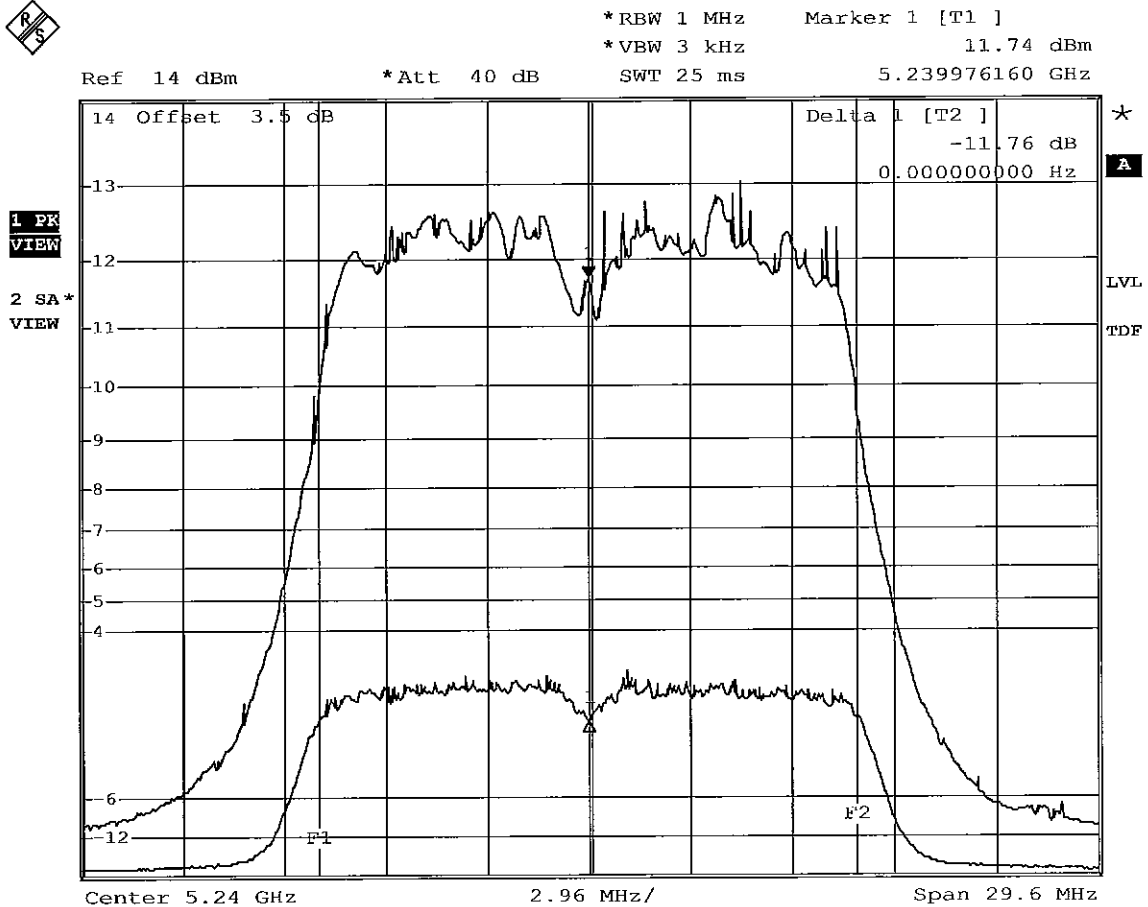
Comment: Maximum peak excursion (method #2)=11.43 dB  
 Date: 7.MAY.2008 07:28:12

**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# FCC part 15.407(a)(6) Peak Excursion of the Modulation

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5240 MHz
Comment 3	OFDM / 6 Mbit/s



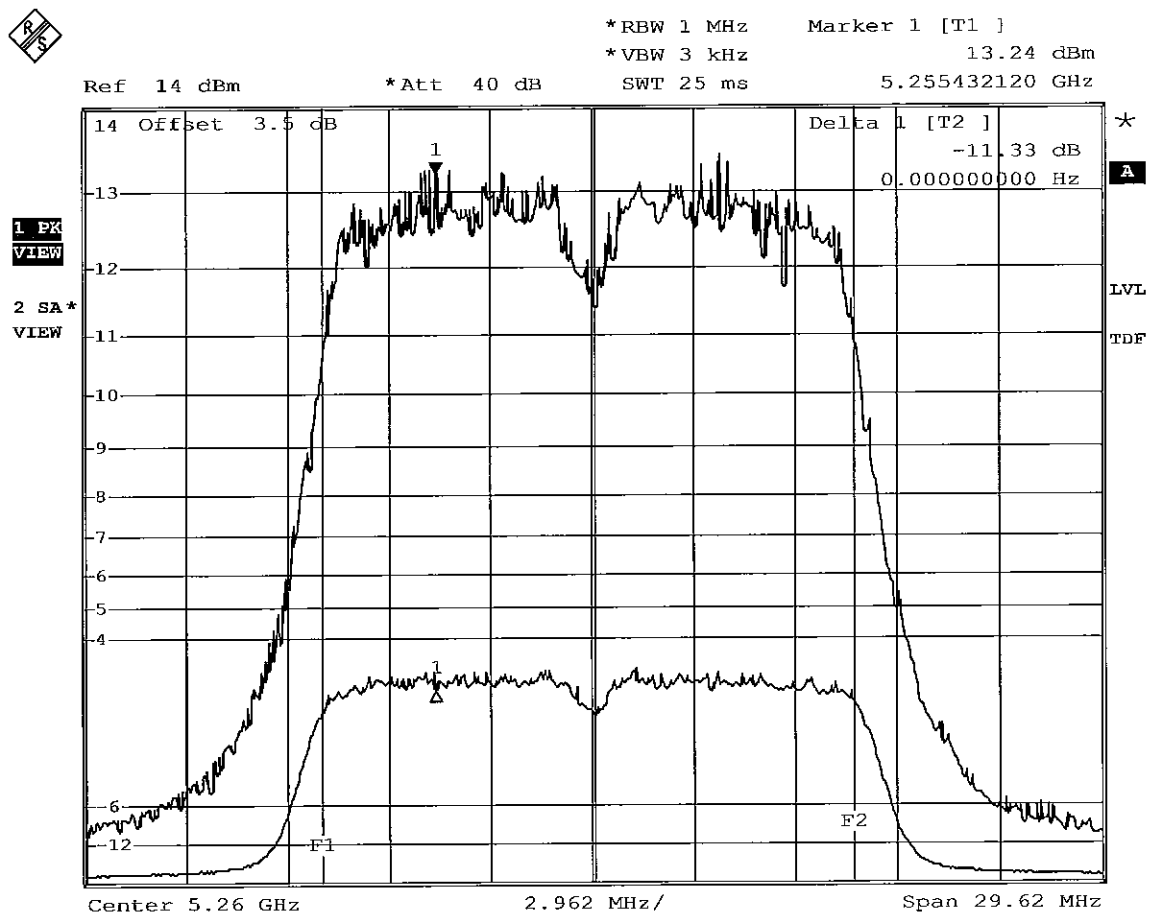
Comment: Maximum peak excursion (method #2)=11.76 dB  
Date: 7.MAY.2008 07:23:40

## Measurement diagram

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(6)**  
**Peak Excursion of the Modulation**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5260 MHz
Comment 3	OFDM / 6 Mbit/s

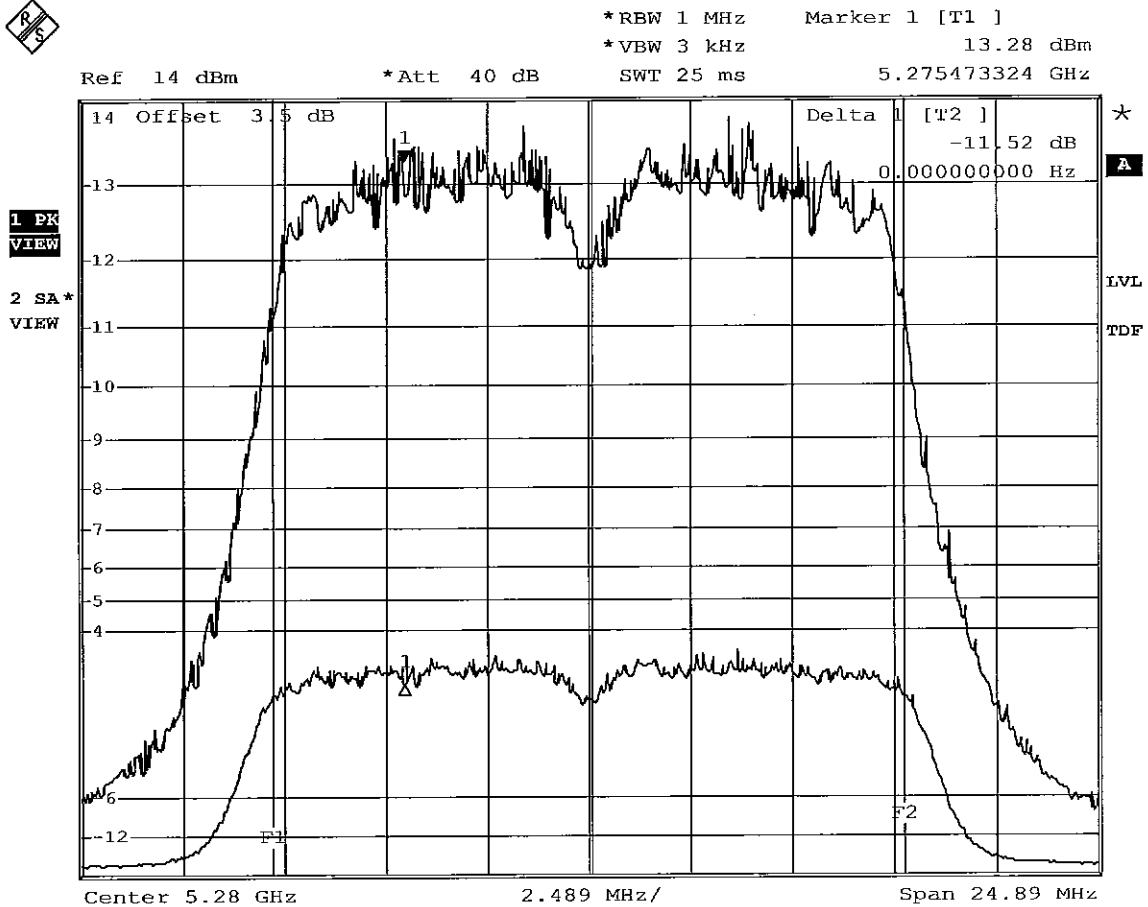


Comment: Maximum peak excursion (method #2)=11.33 dB  
Date: 7.MAY.2008 07:34:58



**FCC part 15.407(a)(6)**  
**Peak Excursion of the Modulation**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5280 MHz
Comment 3	OFDM / 6 Mbit/s



Comment: Maximum peak excursion (method #2)=11.52 dB

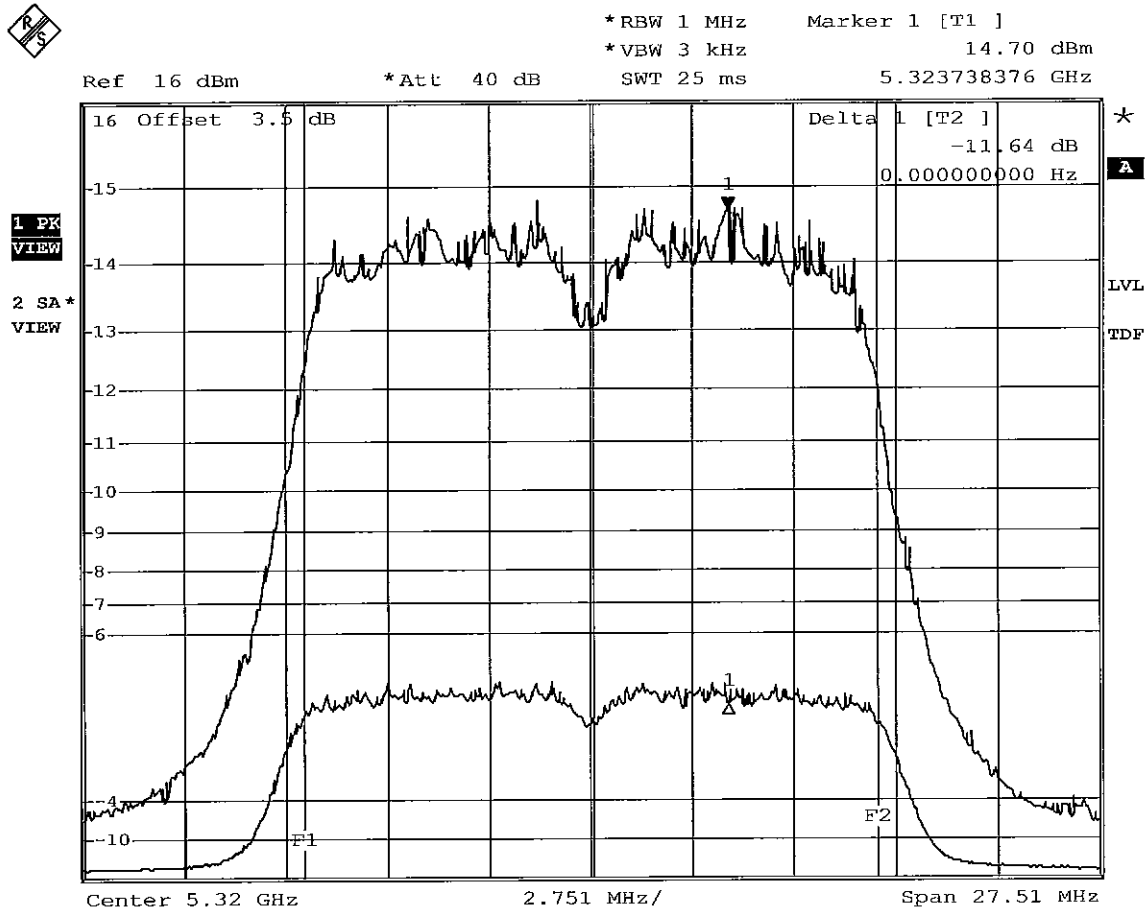
Date: 7.MAY.2008 07:39:44

**Measurement diagram**

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(6)**  
**Peak Excursion of the Modulation**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5320 MHz
Comment 3	OFDM / 6 Mbit/s



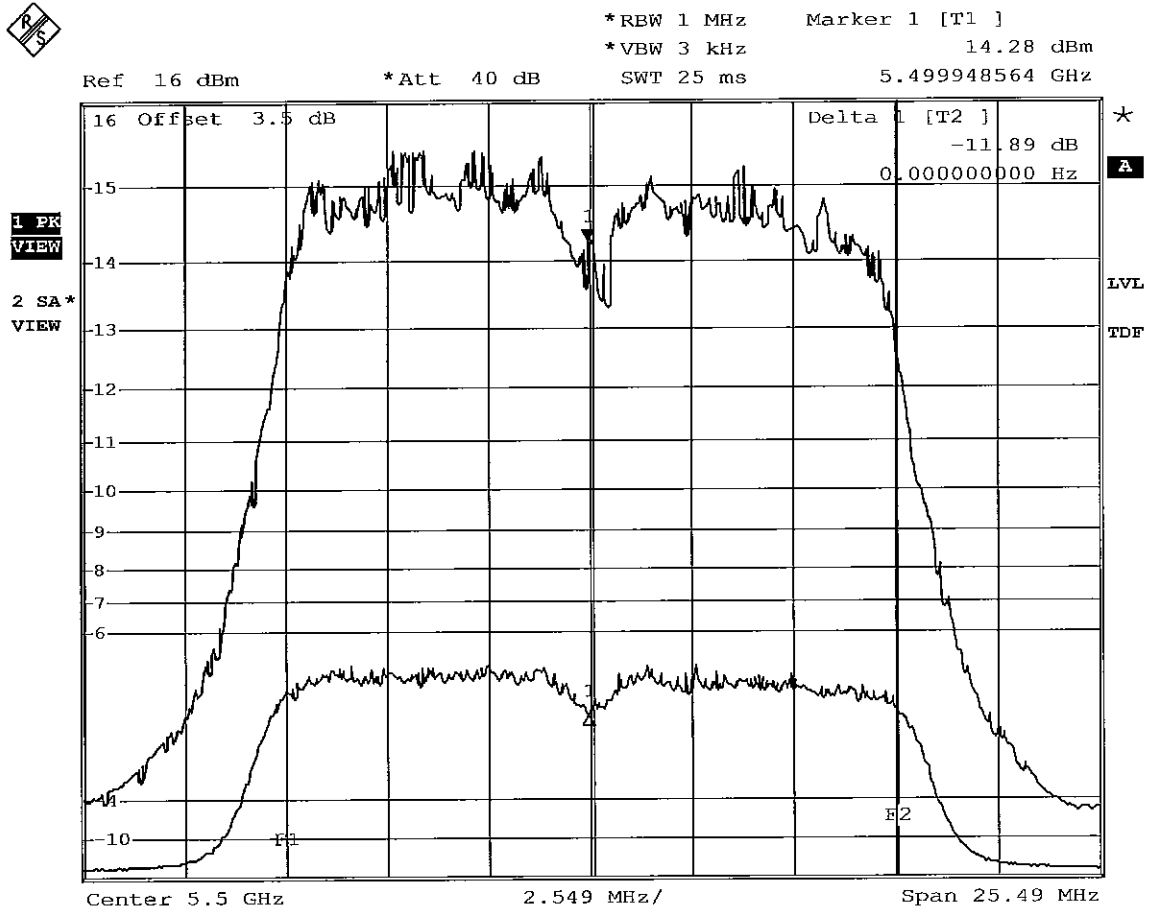
Comment: Maximum peak excursion (method #2)=11.64 dB  
 Date: 7.MAY.2008 08:18:39

**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(6)**  
**Peak Excursion of the Modulation**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5500 MHz
Comment 3	OFDM / 6 Mbit/s



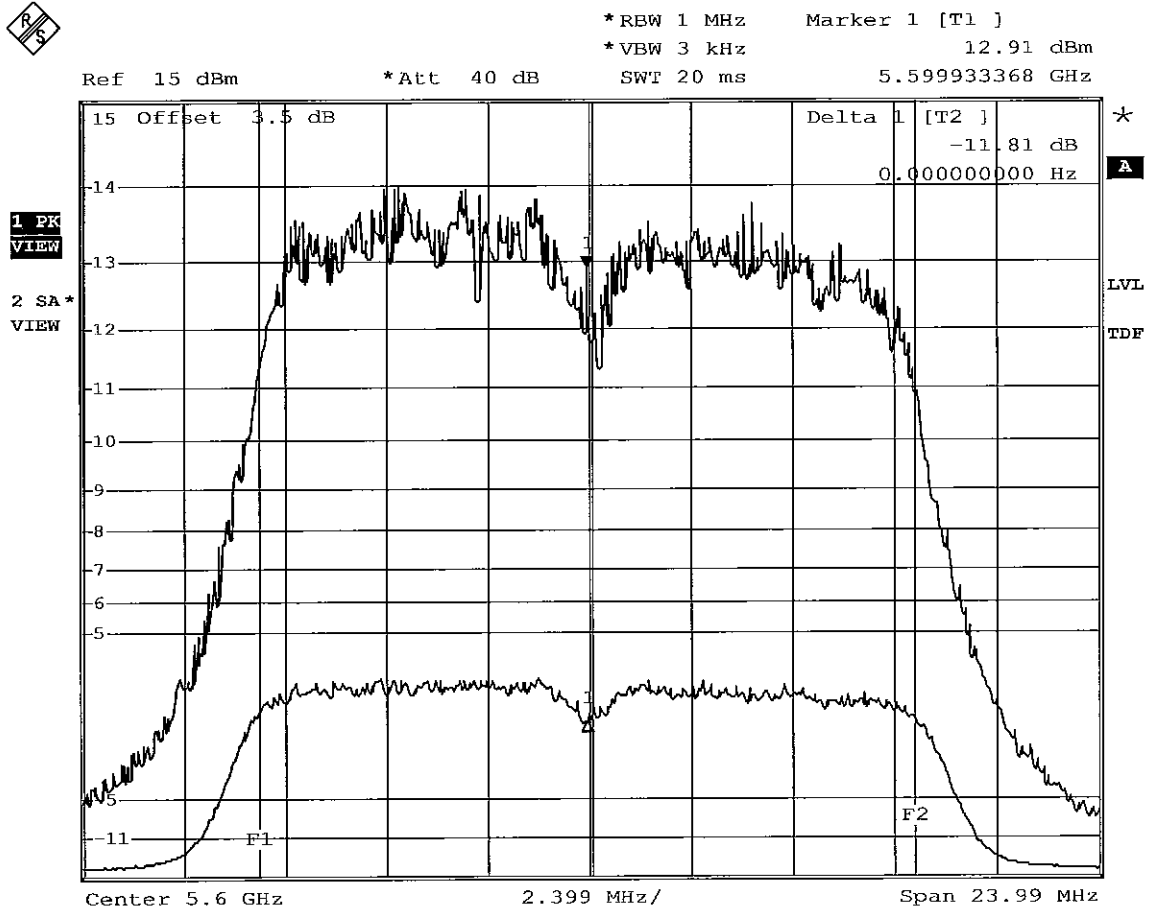
Comment: Maximum peak excursion (method #2)=11.89 dB  
 Date: 7.MAY.2008 08:22:04

**Measurement diagram**

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# FCC part 15.407(a)(6) Peak Excursion of the Modulation

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5600 MHz
Comment 3	OFDM / 6 Mbit/s



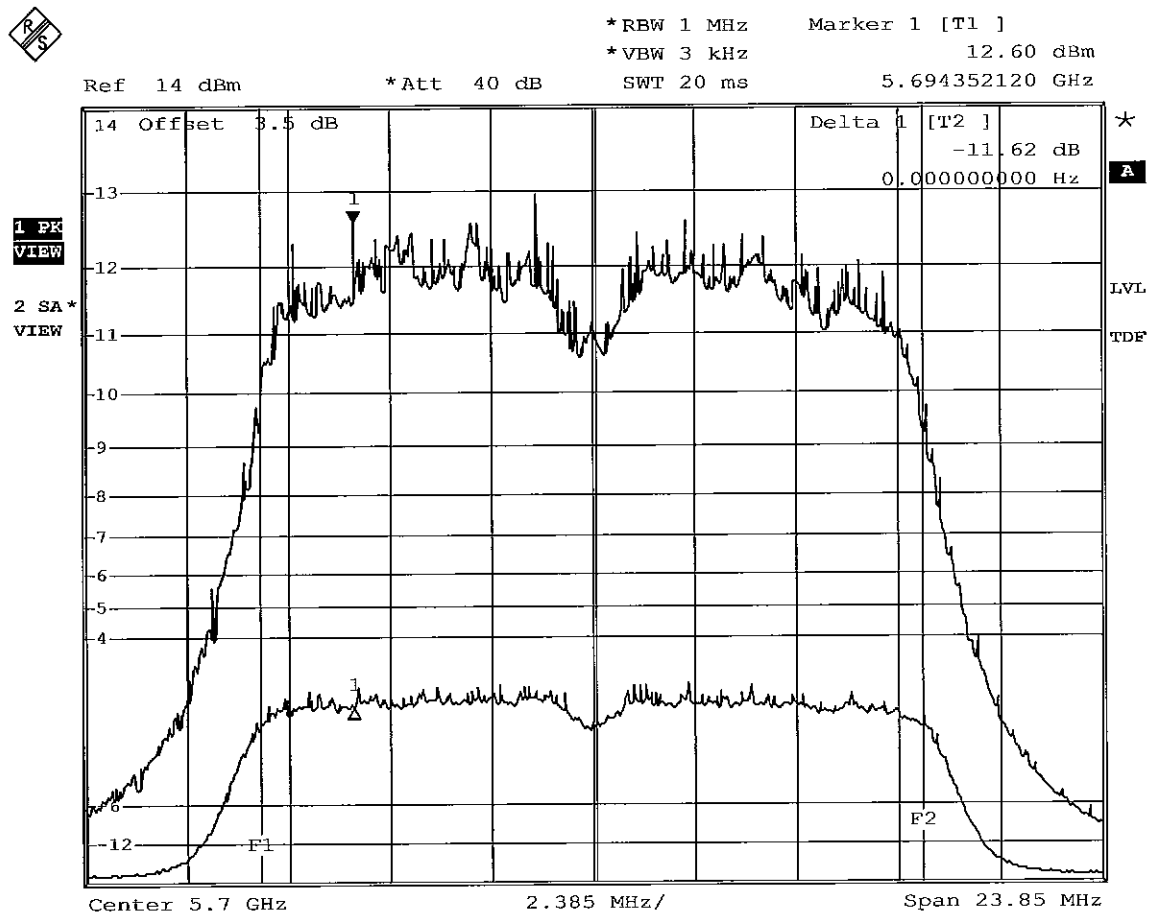
Comment: Maximum peak excursion (method #2)=-11.81 dB  
 Date: 7.MAY.2008 08:25:06

## Measurement diagram

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

**FCC part 15.407(a)(6)**  
**Peak Excursion of the Modulation**

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5700 MHz
Comment 3	OFDM / 6 Mbit/s



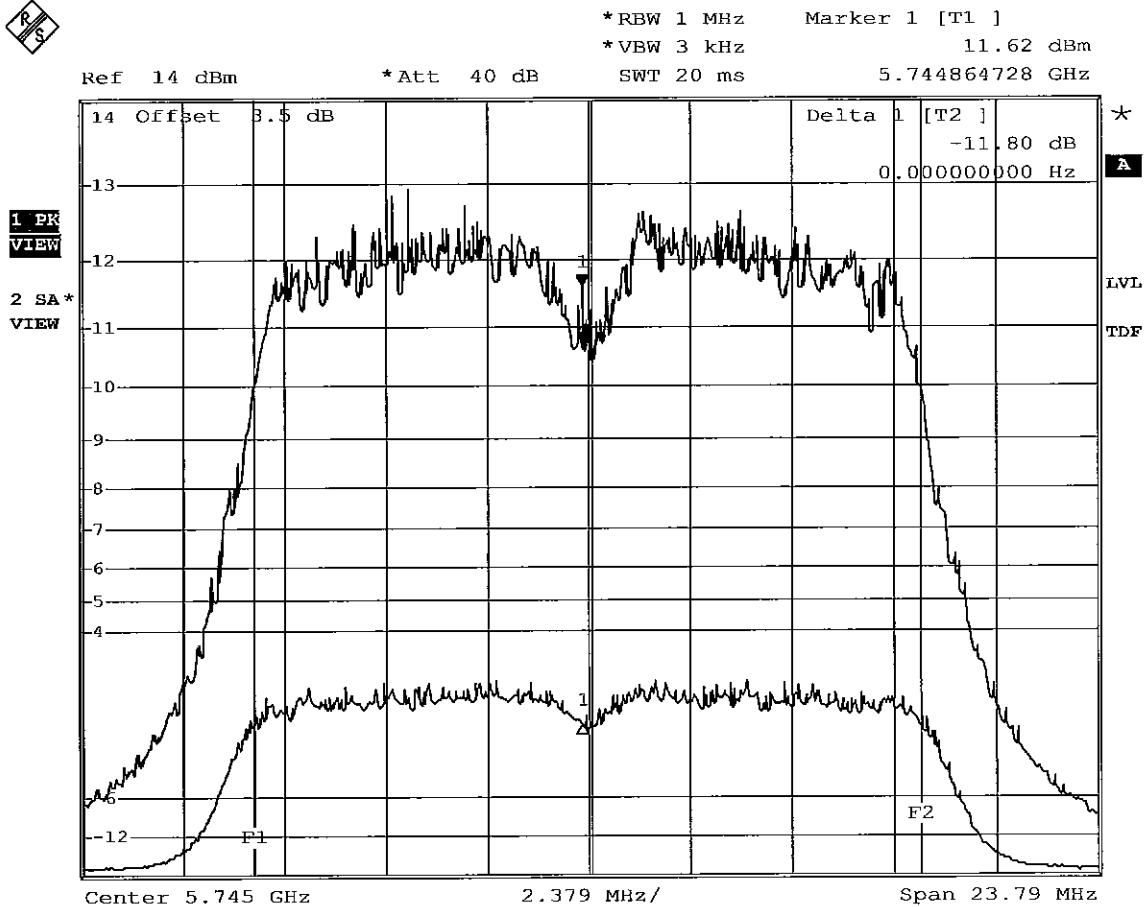
Comment: Maximum peak excursion (method #2)=11.62 dB  
Date: 7.MAY.2008 08:27:51

### Measurement diagram

Euroflins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

# FCC part 15.407(a)(6) Peak Excursion of the Modulation

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5745 MHz
Comment 3	OFDM / 6 Mbit/s



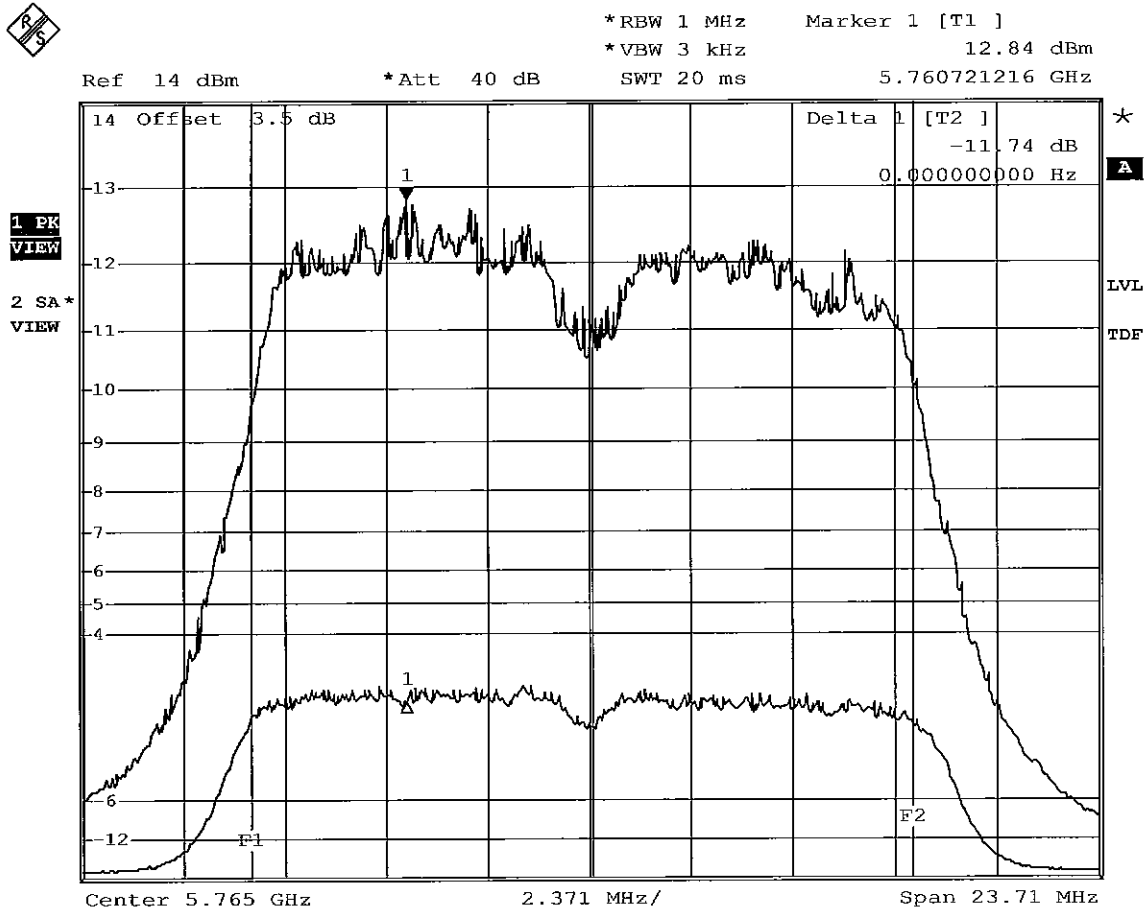
Comment: Maximum peak excursion (method #2)=11.8 dB  
Date: 7.MAY.2008 08:30:57

## Measurement diagram

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

# FCC part 15.407(a)(6) Peak Excursion of the Modulation

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5765 MHz
Comment 3	OFDM / 6 Mbit/s



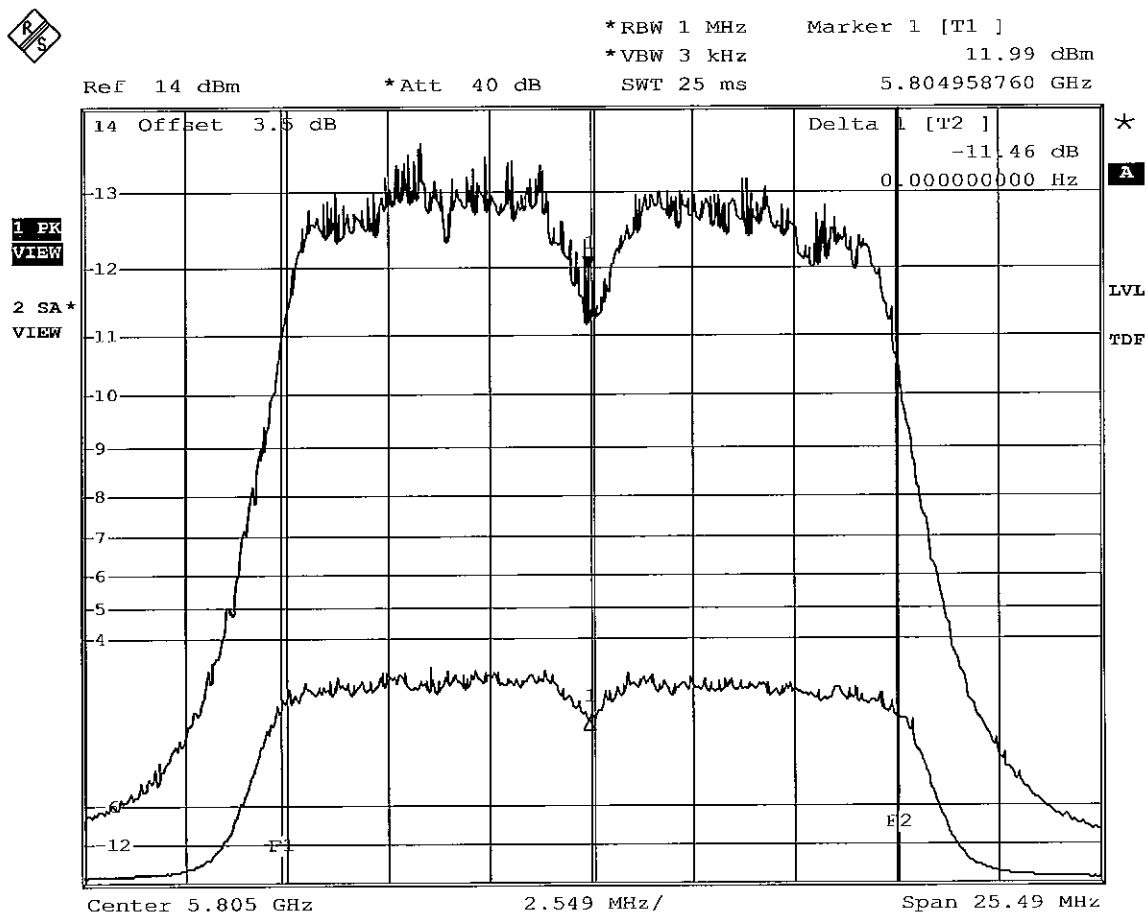
Comment: Maximum peak excursion (method #2)=-11.74 dB  
 Date: 7.MAY.2008 08:35:42

## Measurement diagram

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

# FCC part 15.407(a)(6) Peak Excursion of the Modulation

EUT	WLAN Client
Model	BWLC
Approval Holder	modas GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a)(6) / DA 02-2138
Comment 1	Peak Excursion of the Modulation (Method #2)
Comment 2	Channel frequency: 5805 MHz
Comment 3	OFDM / 6 Mbit/s



Comment: Maximum peak excursion (method #2)=-11.46 dB  
 Date: 7.MAY.2008 08:39:18

## Measurement diagram

Eurofins ETS Product Service GmbH  
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

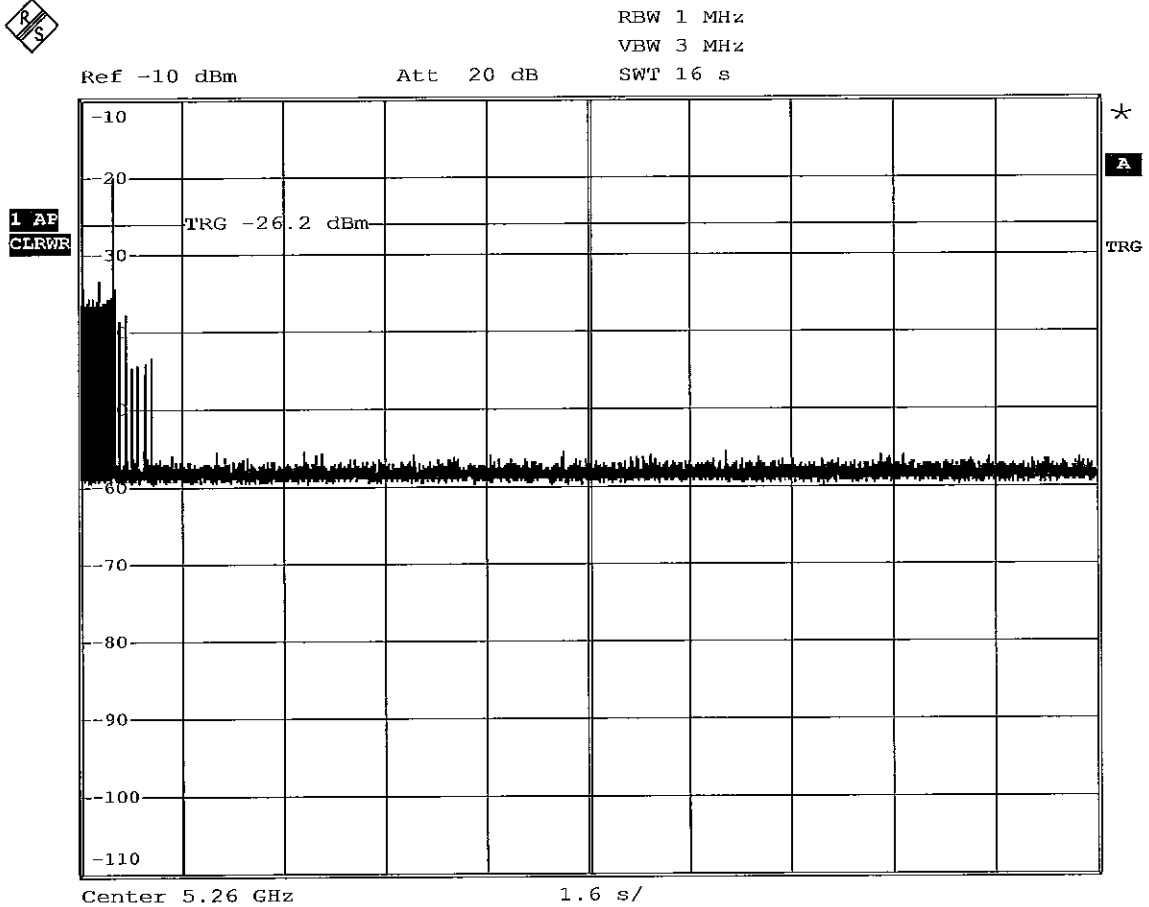


## **Annex F**

Channel Move Time and Channel Closing Transmission Time

# FCC part 15.407 Dynamic Frequency Selection

EUT	WLAN Client
Model	BWLC
Approval Holder	modas_GmbH
Temperature / Voltage	23°C / Vnom
Test Site / Operator	Eurofins ETS Product Service GmbH / Mr. Handrik
Test Specification	FCC part 15.407(a) / DA 02-2138
Comment 1	Channel Closing Transmission Time and Channel Move Time
Comment 2	OFDM / 6 Mbit/s / 5260 MHz
Comment 3	Channel Closing Transmission Time: before 200ms: 18ms; after 200ms: 8ms
Comment 4	Channel Move Time: 0.544 ms



Comment:  
Date: 19.MAY.2008 12:48:20

## Measurement diagram

Eurofins ETS Product Service GmbH  
Storkower Str. 38c, D-15526 Reichenwalde, Germany

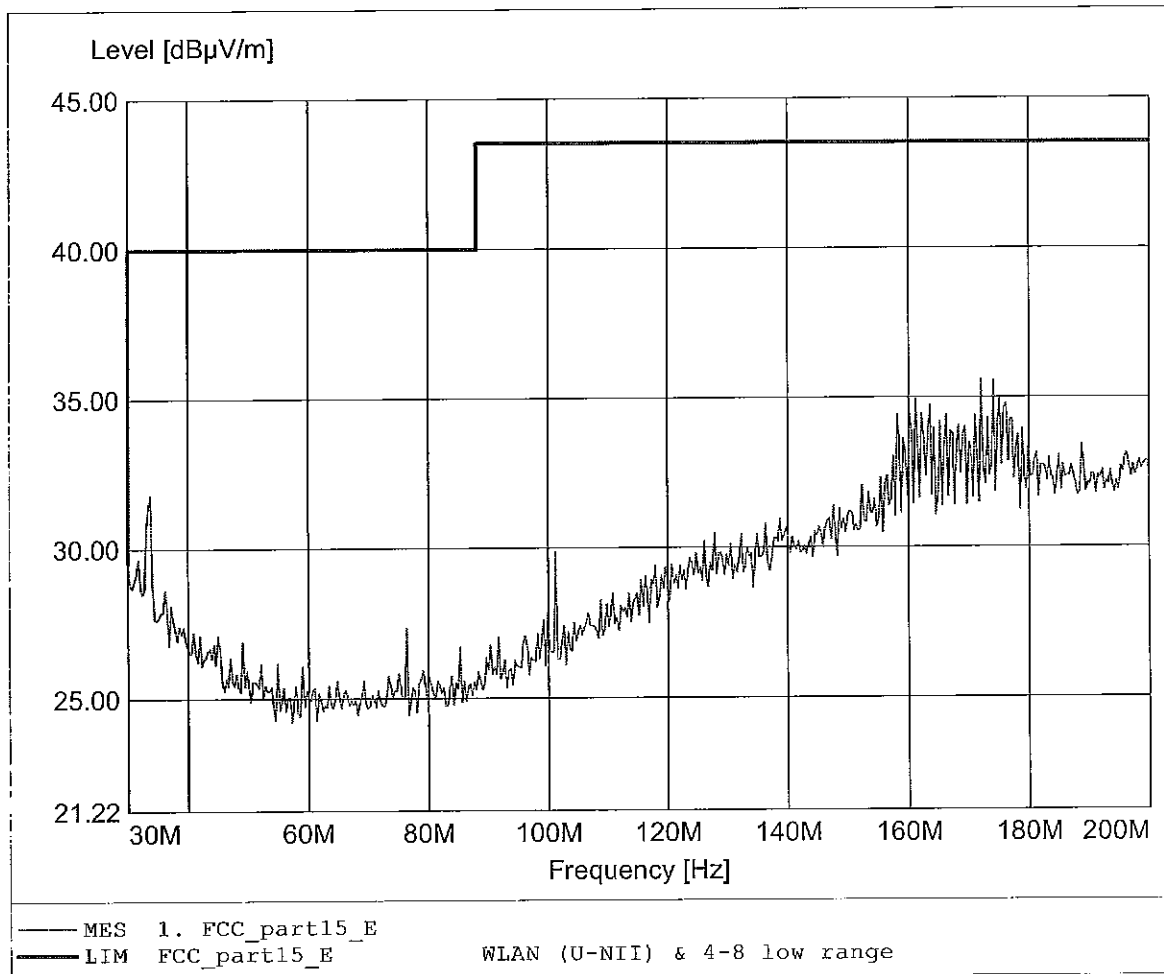
## **Annex G**

Spurious emission radiated

## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

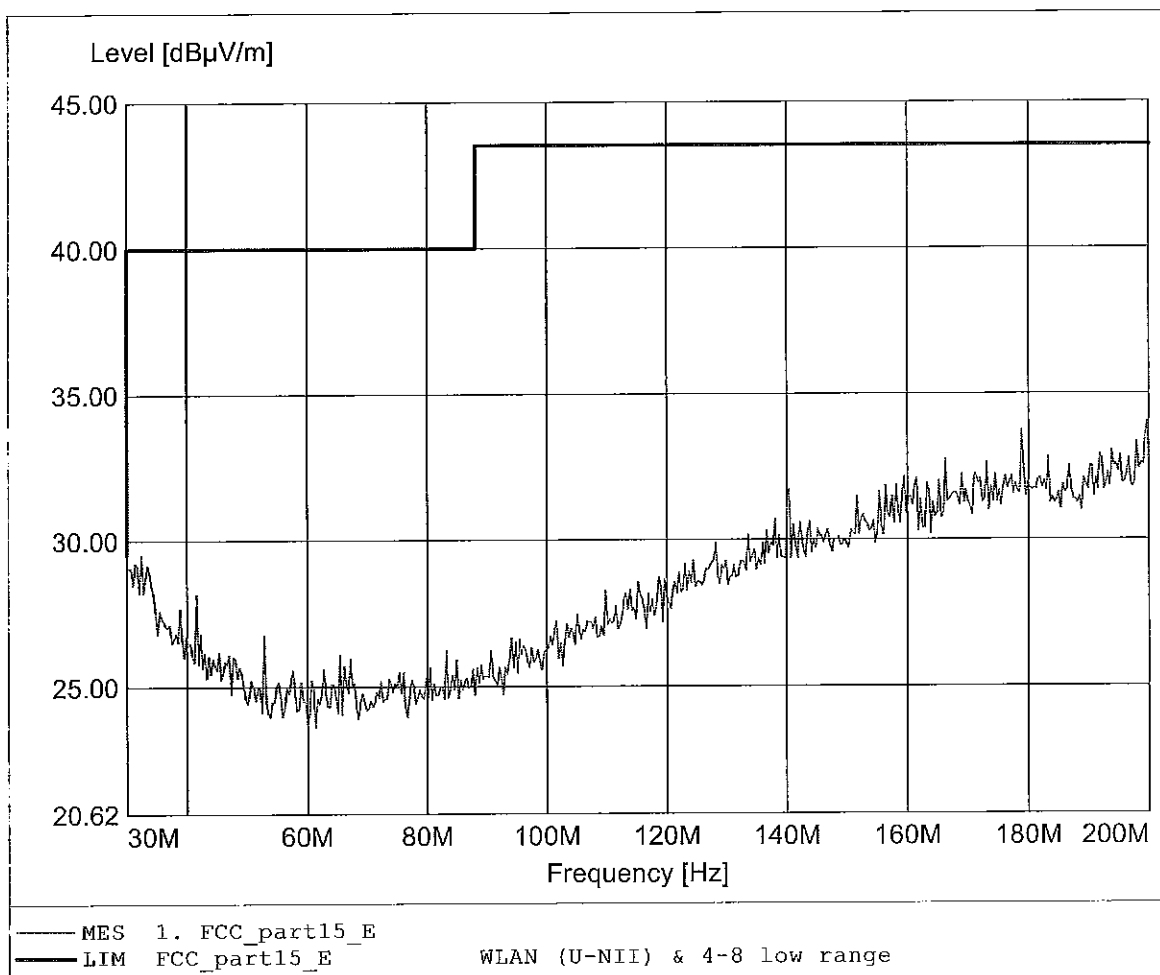
Approval Holder: modas GmbH  
EUT / Model: WLAN Client / BWLC / 6 Mbit/s  
frequencies (MHz): 5180,5220,5240,5260,5280,5320,5500,5600,5700,5745,5765,5805  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 172.064MHz, Emax: 35.62dBµV/m, RBW: 100kHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

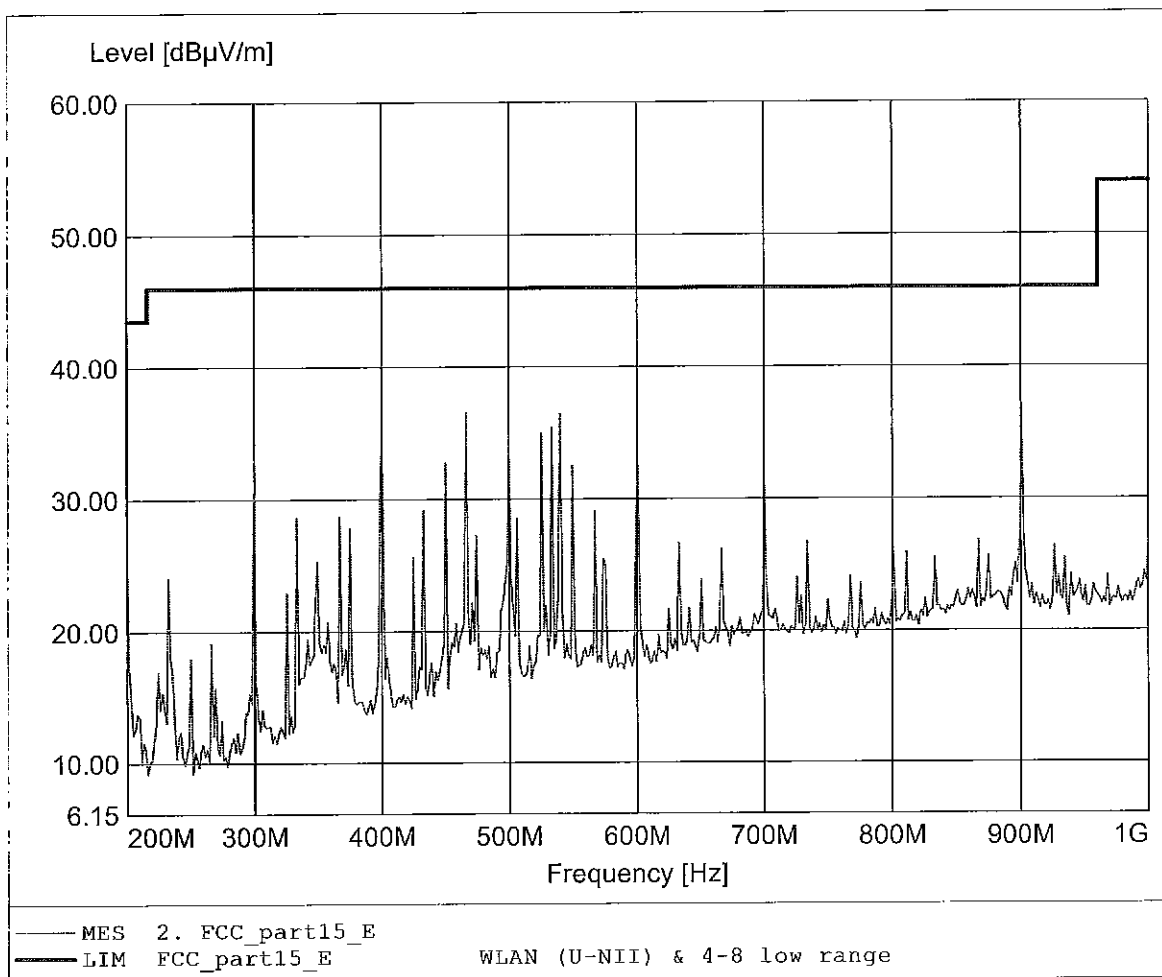
Approval Holder: modas GmbH  
EUT / Model: WLAN Client / BWLC / 6 Mbit/s  
frequencies (MHz): 5180,5220,5240,5260,5280,5320,5500,5600,5700,5745,5765,5805  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 199.659MHz, Emax: 34.06dBµV/m, RBW: 100kHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

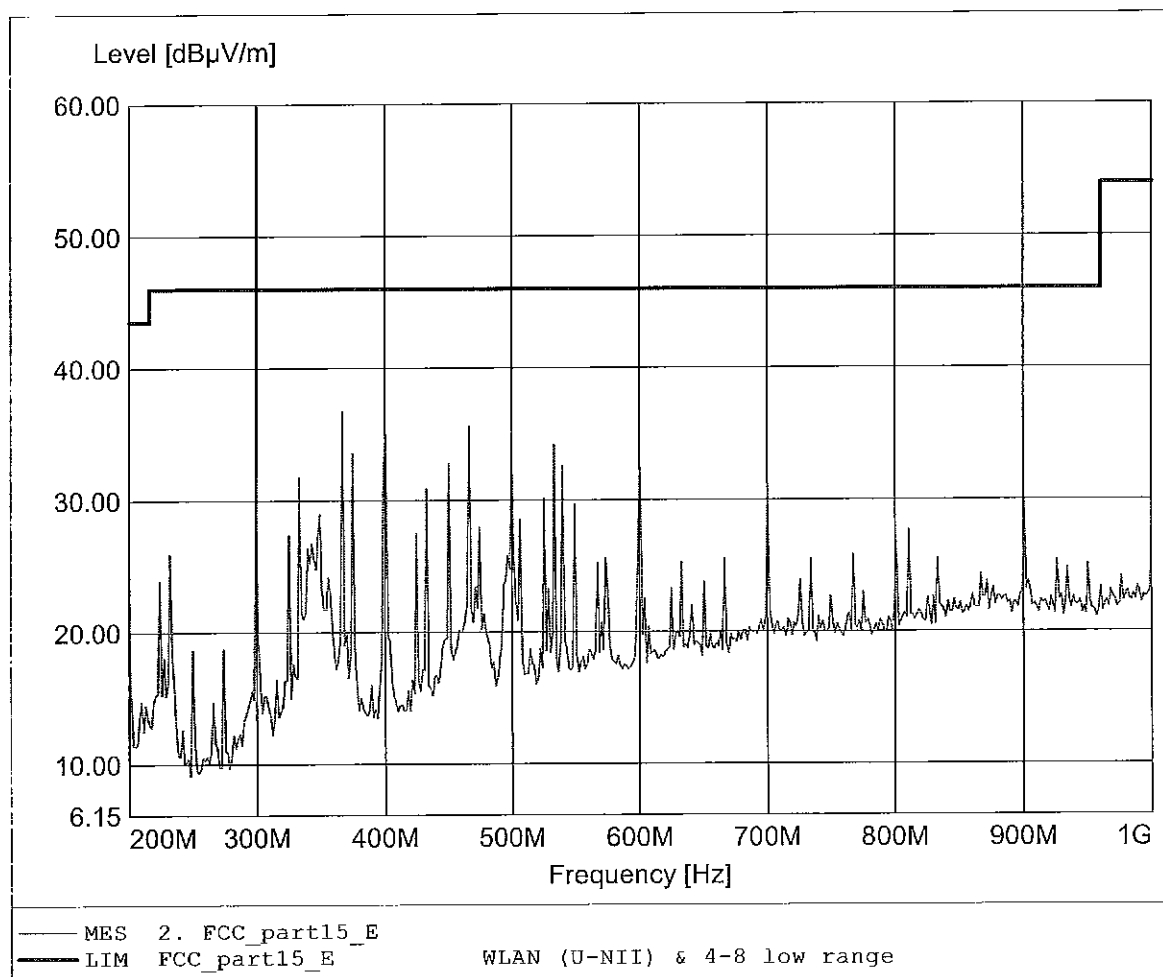
Approval Holder: modas GmbH  
EUT / Model: WLAN Client / BWLC / 6 Mbit/s  
frequencies (MHz): 5180,5220,5240,5260,5280,5320,5500,5600,5700,5745,5765,5805  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 900.601MHz, Emax: 37.14dBµV/m, RBW: 100kHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

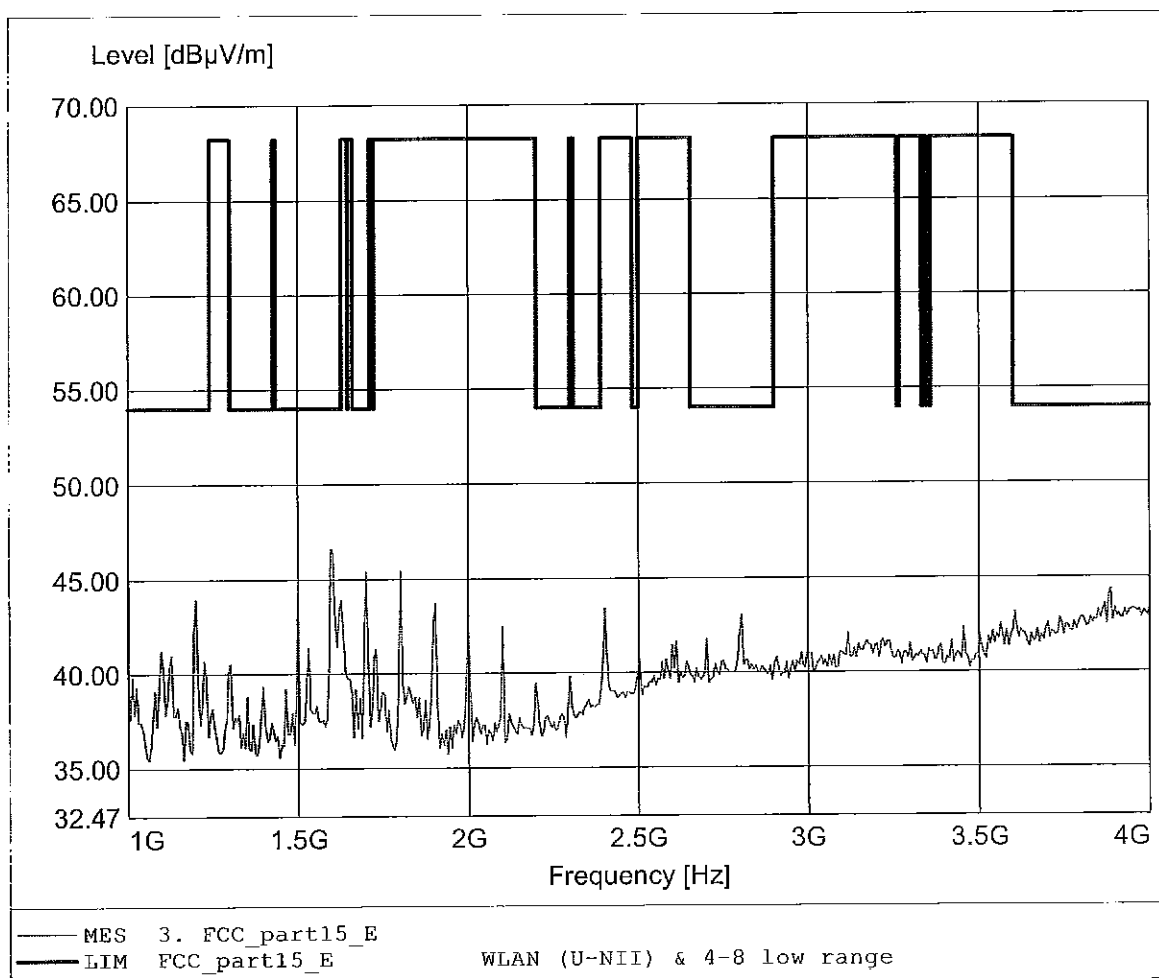
Approval Holder: modas GmbH  
EUT / Model: WLAN Client / BWLC / 6 Mbit/s  
frequencies (MHz): 5180,5220,5240,5260,5280,5320,5500,5600,5700,5745,5765,5805  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 366.733MHz, Emax: 36.73dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.595GHz, Emax: 46.62dBµV/m, RBW: 1MHz

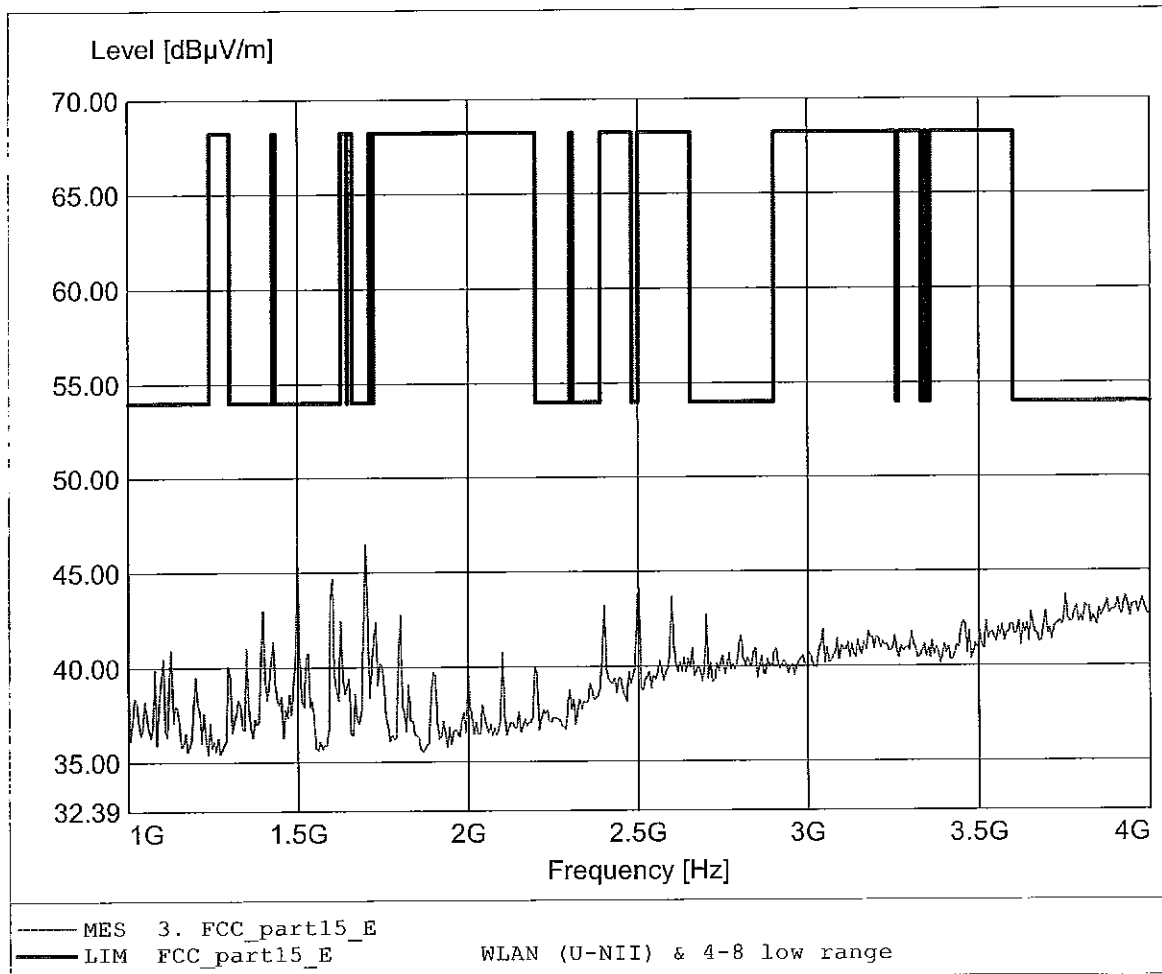




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

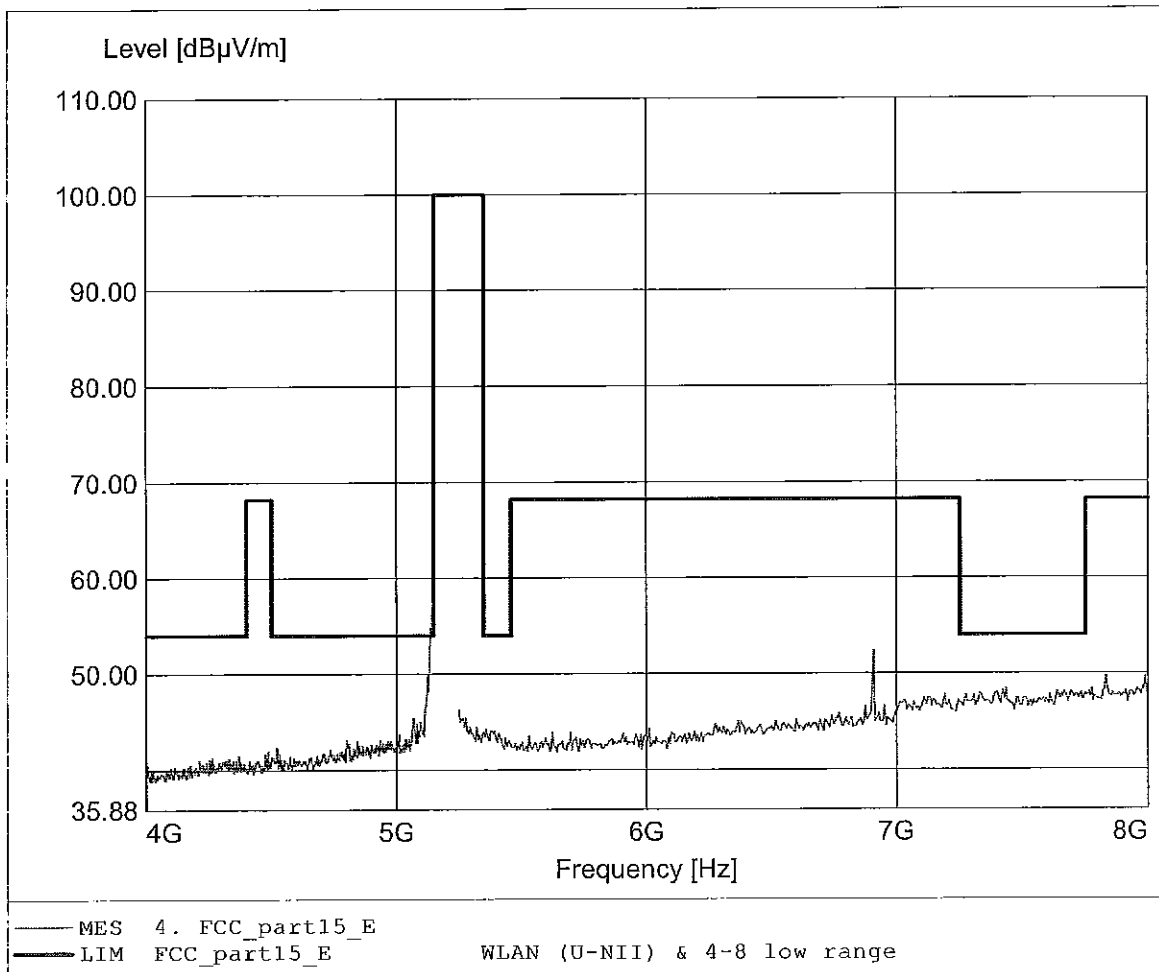
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.499GHz, Emax: 47.27dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

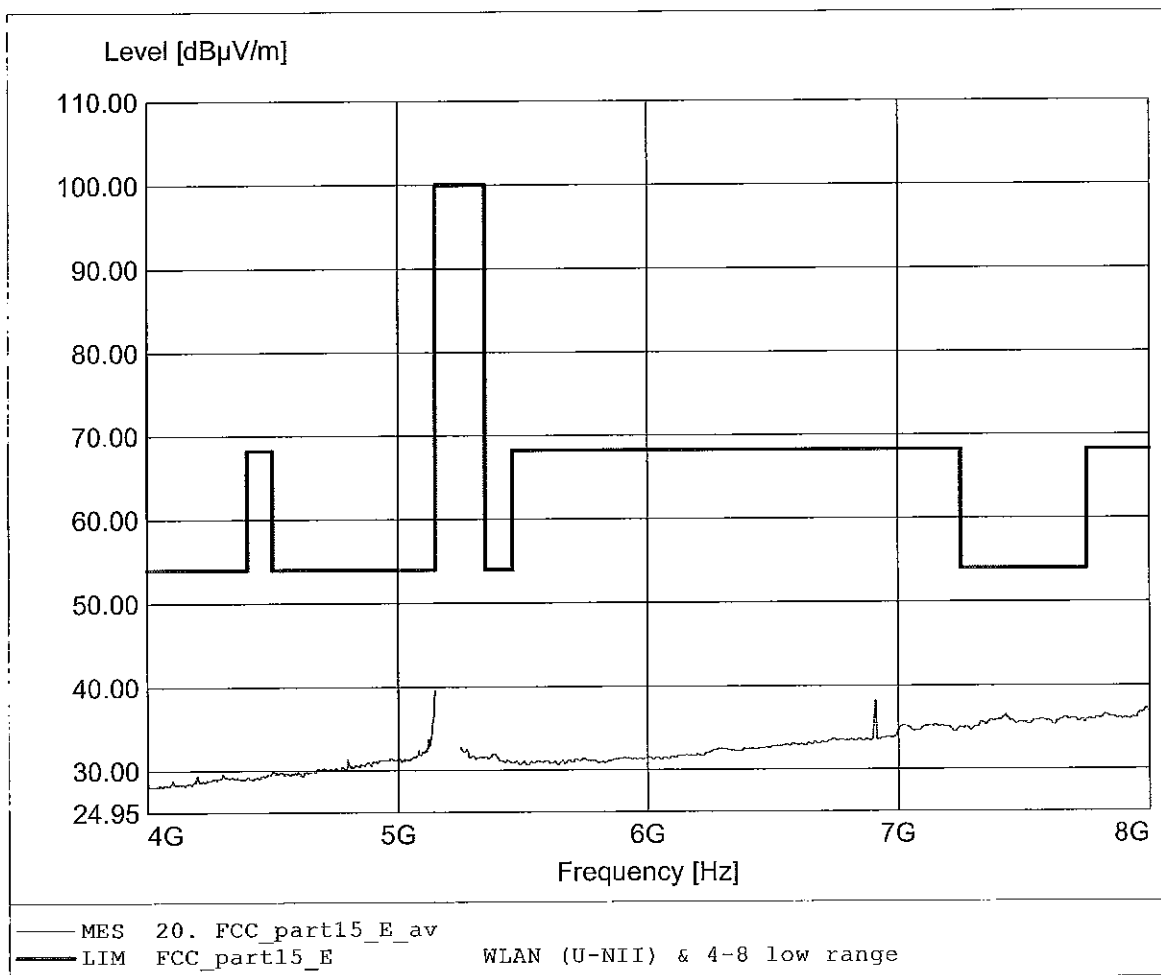
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.148GHz, Emax: 59.62dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

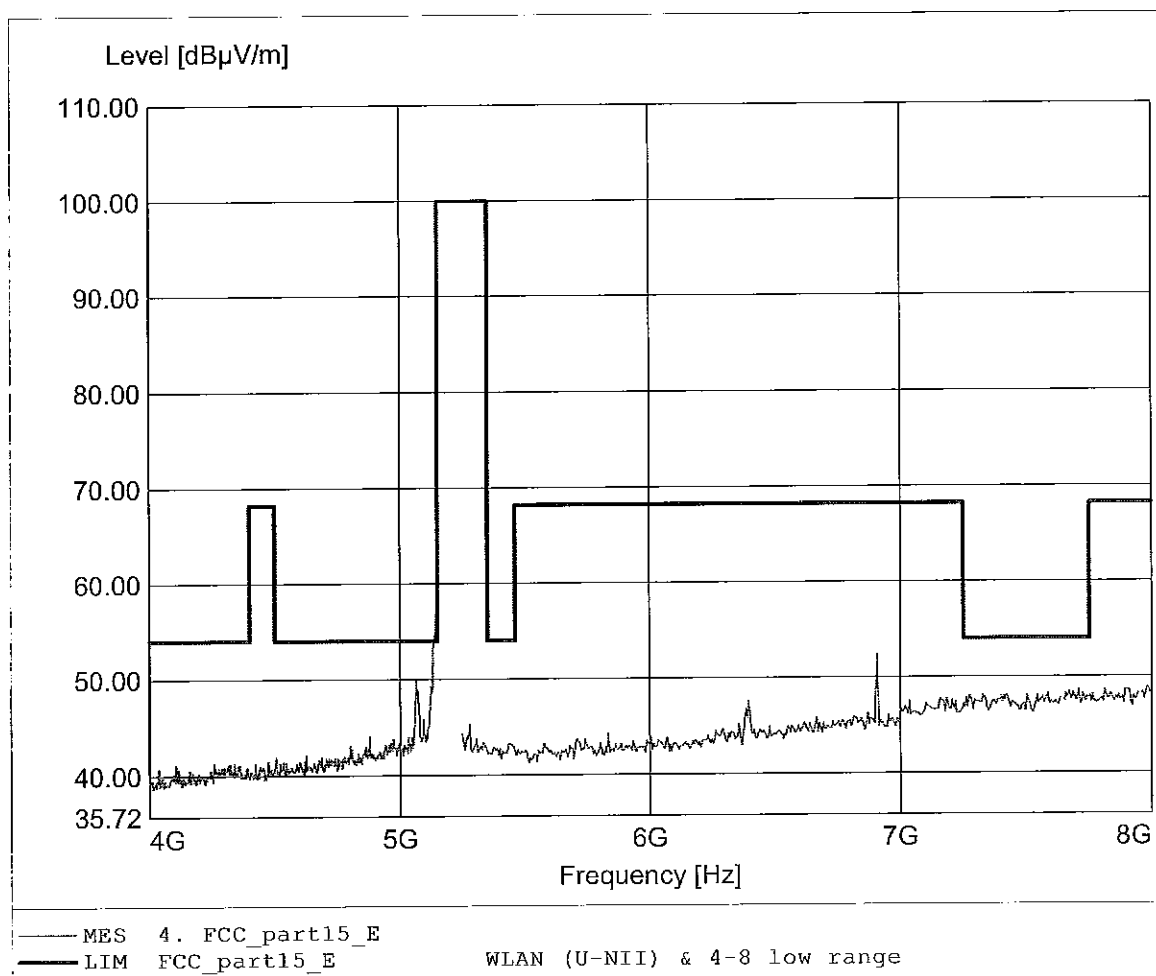
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.148GHz, Emax: 39.59dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

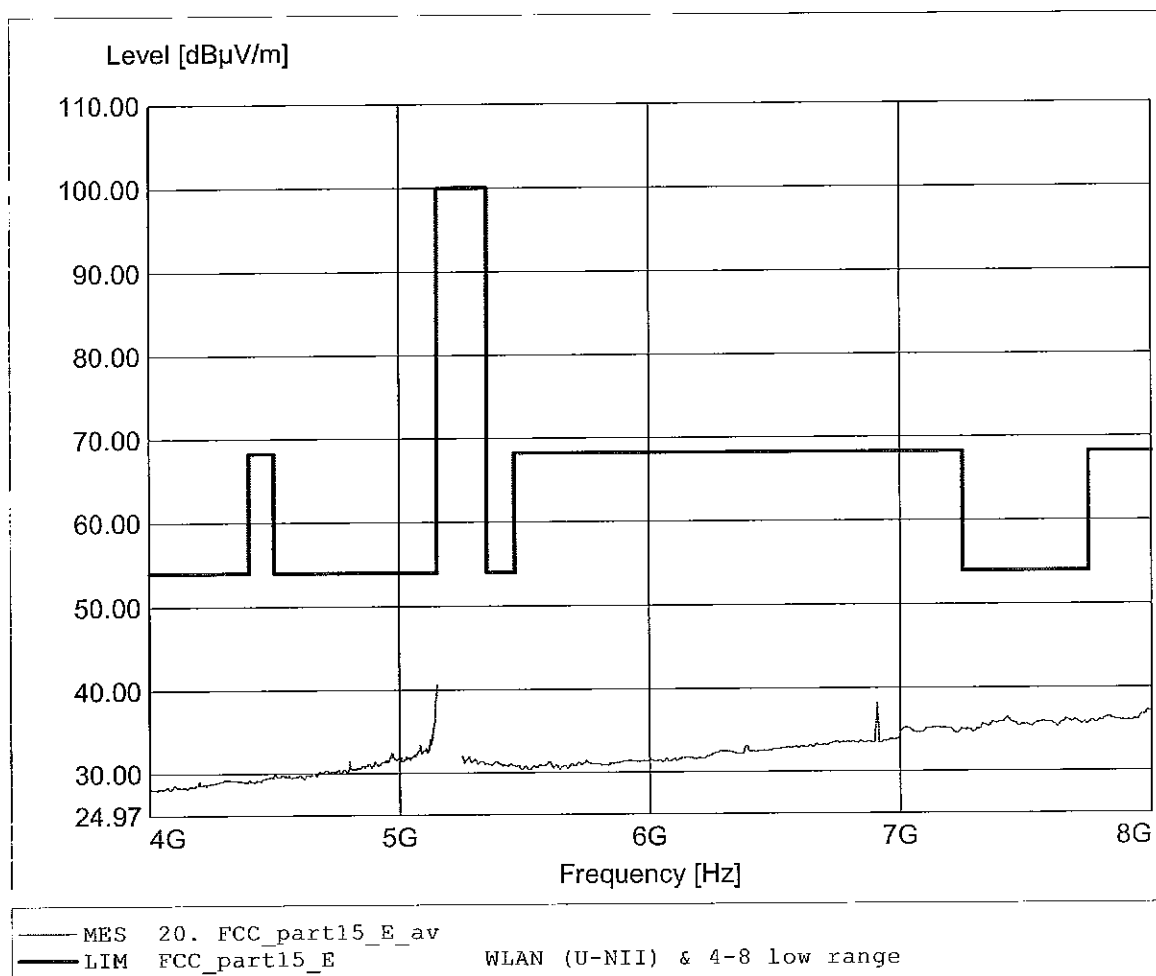
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.148GHz, Emax: 59.34dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

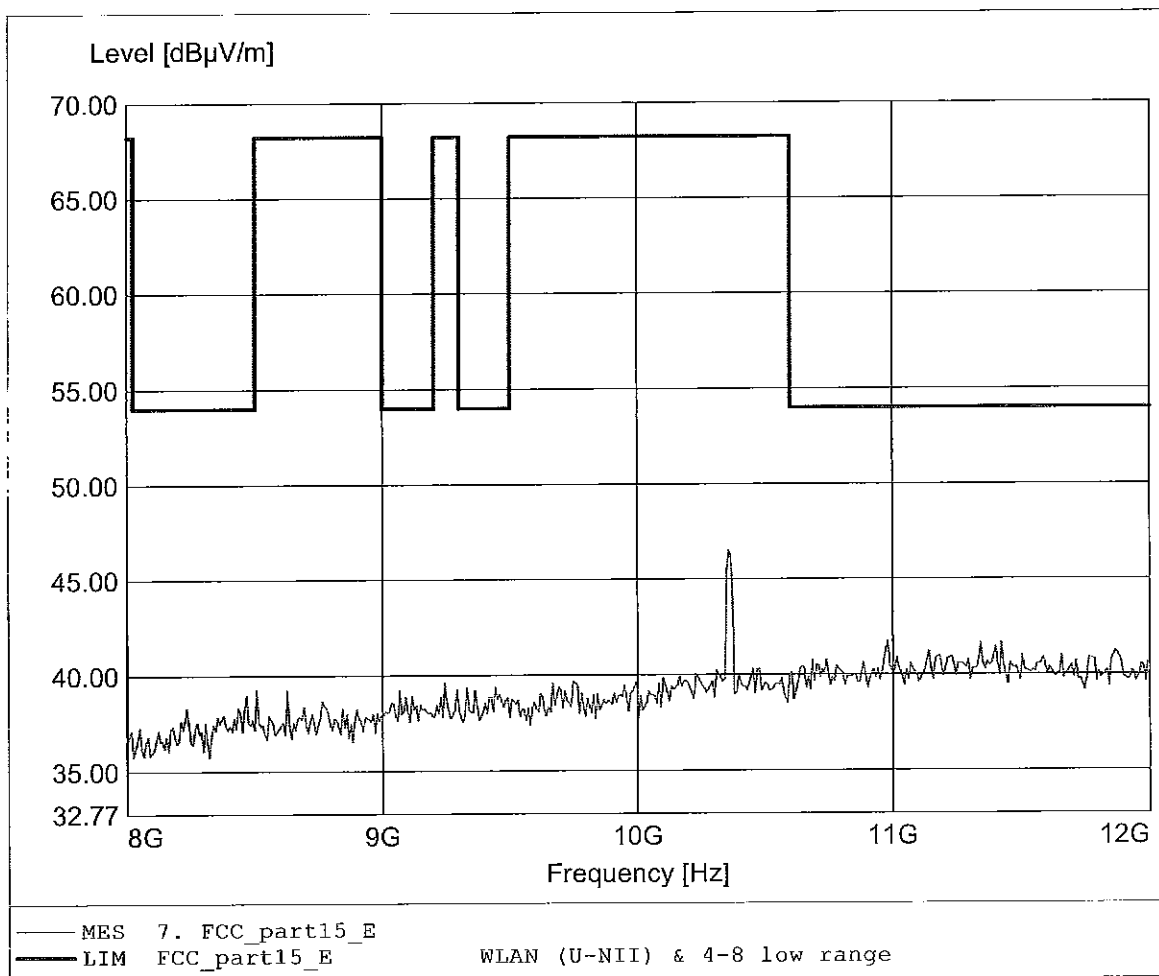
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.148GHz, Emax: 40.63dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

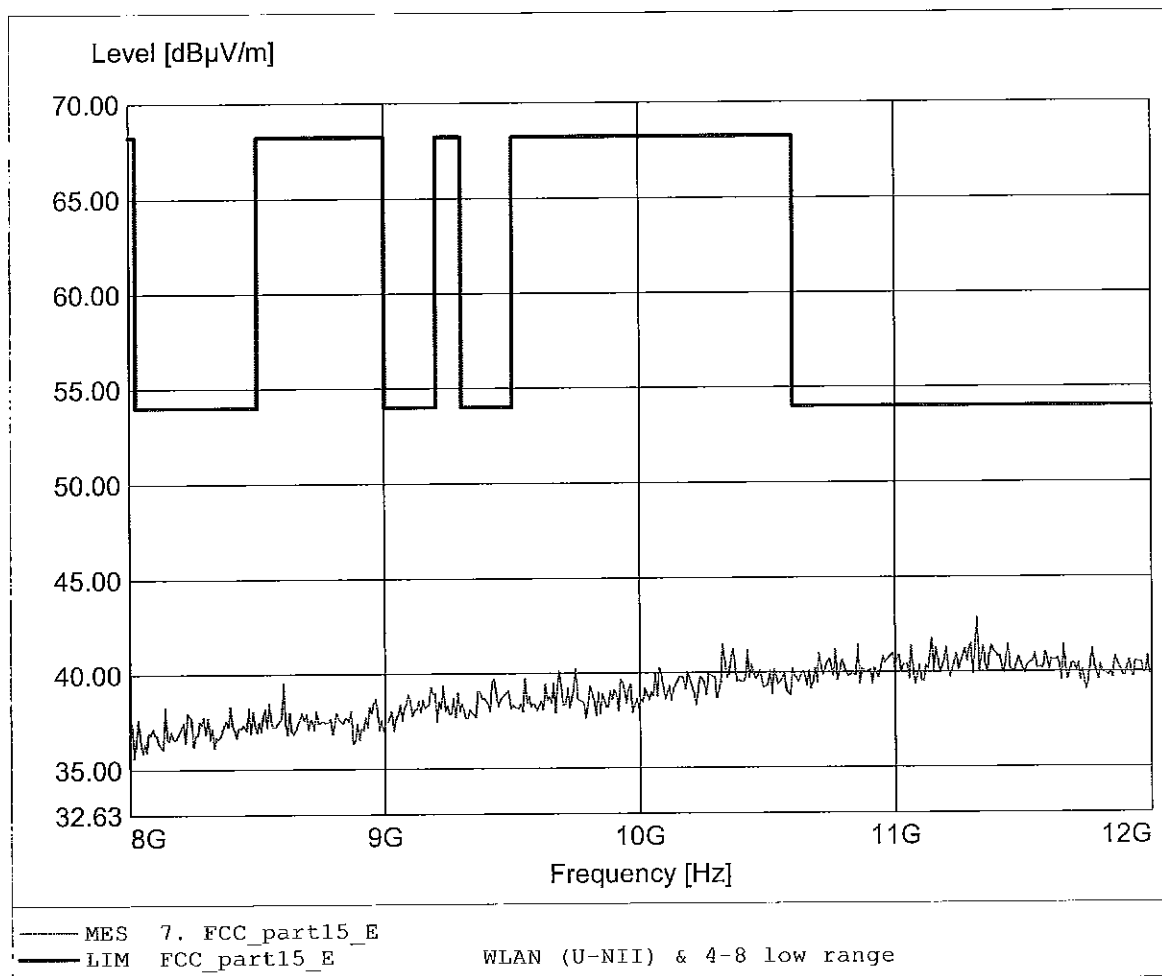
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.357GHz, Emax: 46.56dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

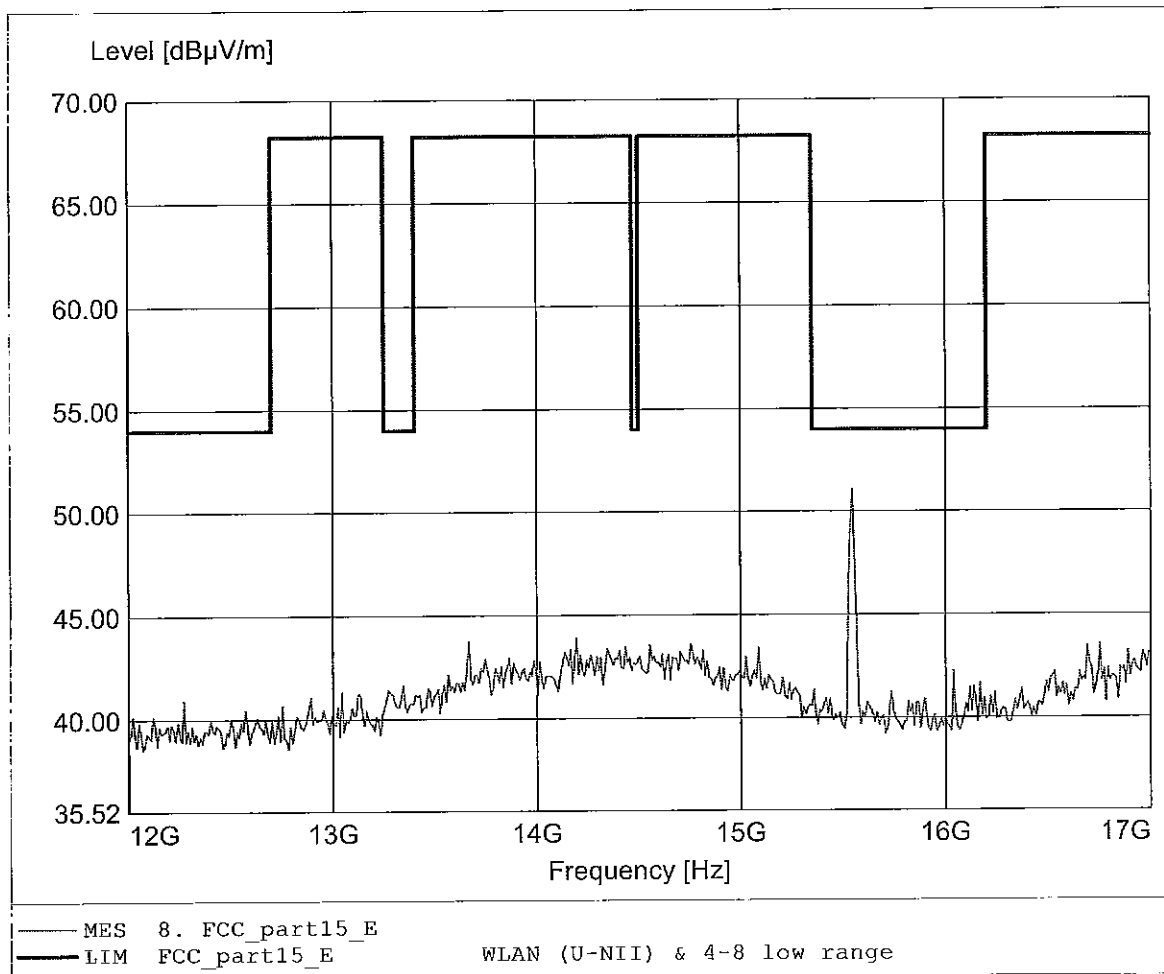
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.319GHz, Emax: 42.85dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.547GHz, Emax: 51.08dBμV/m, RBW: 1MHz

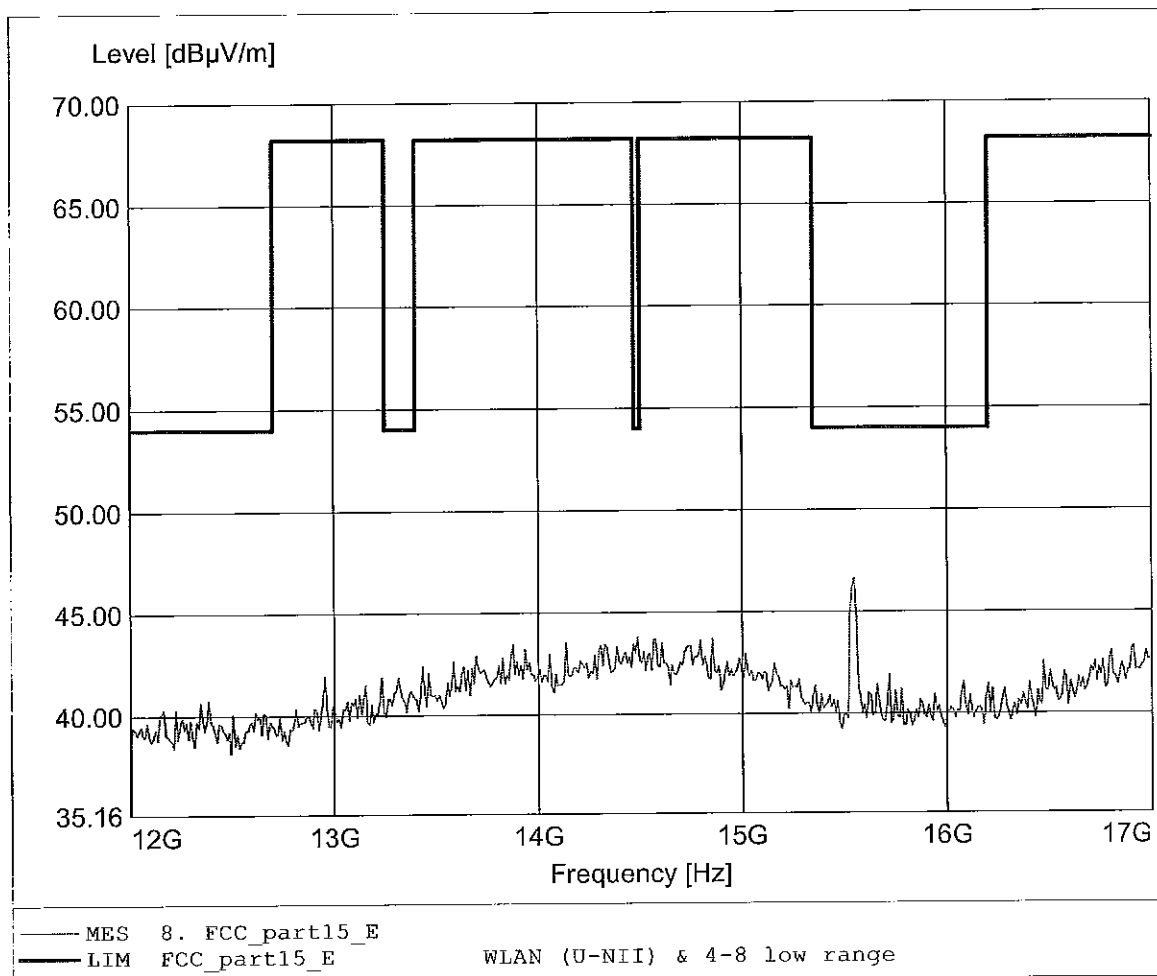




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

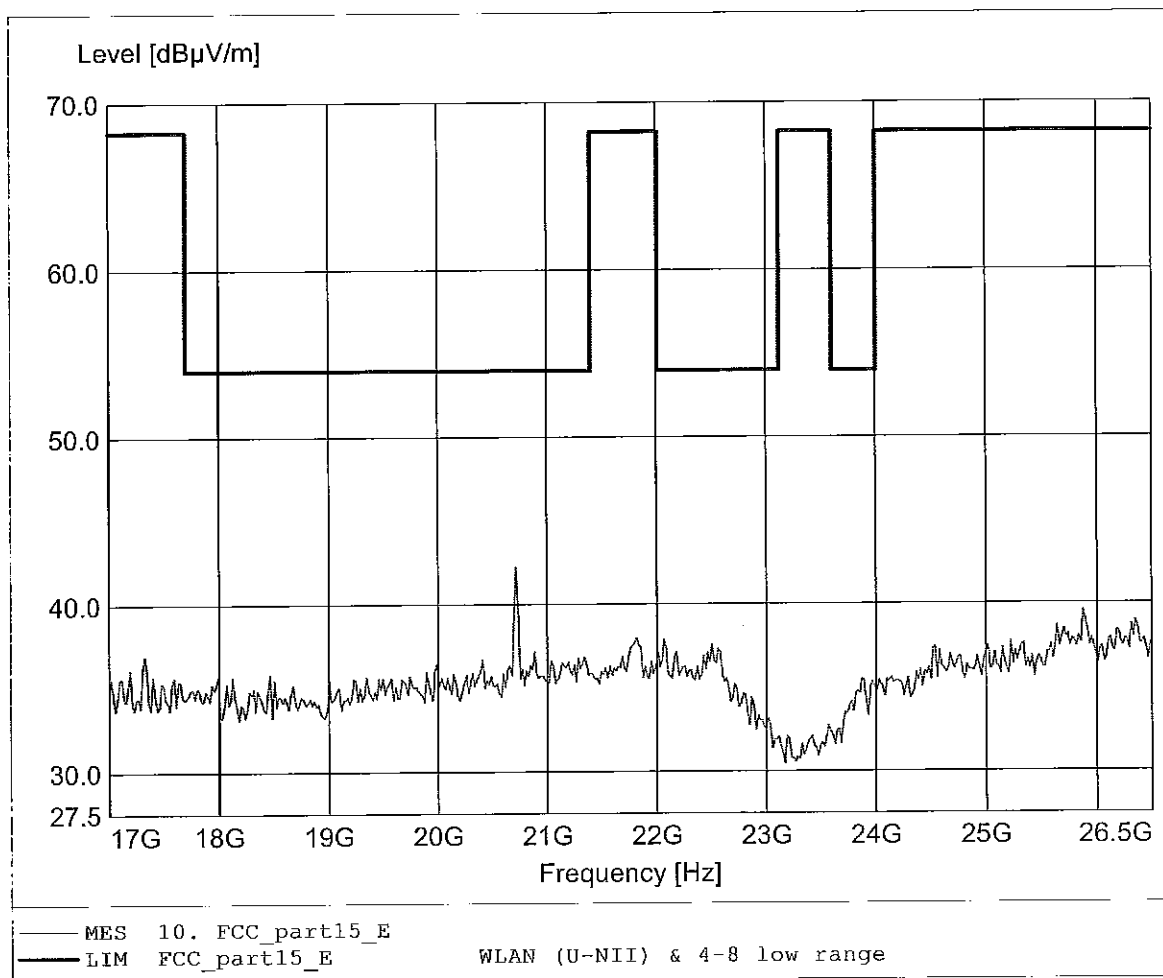
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.547GHz, Emax: 46.63dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

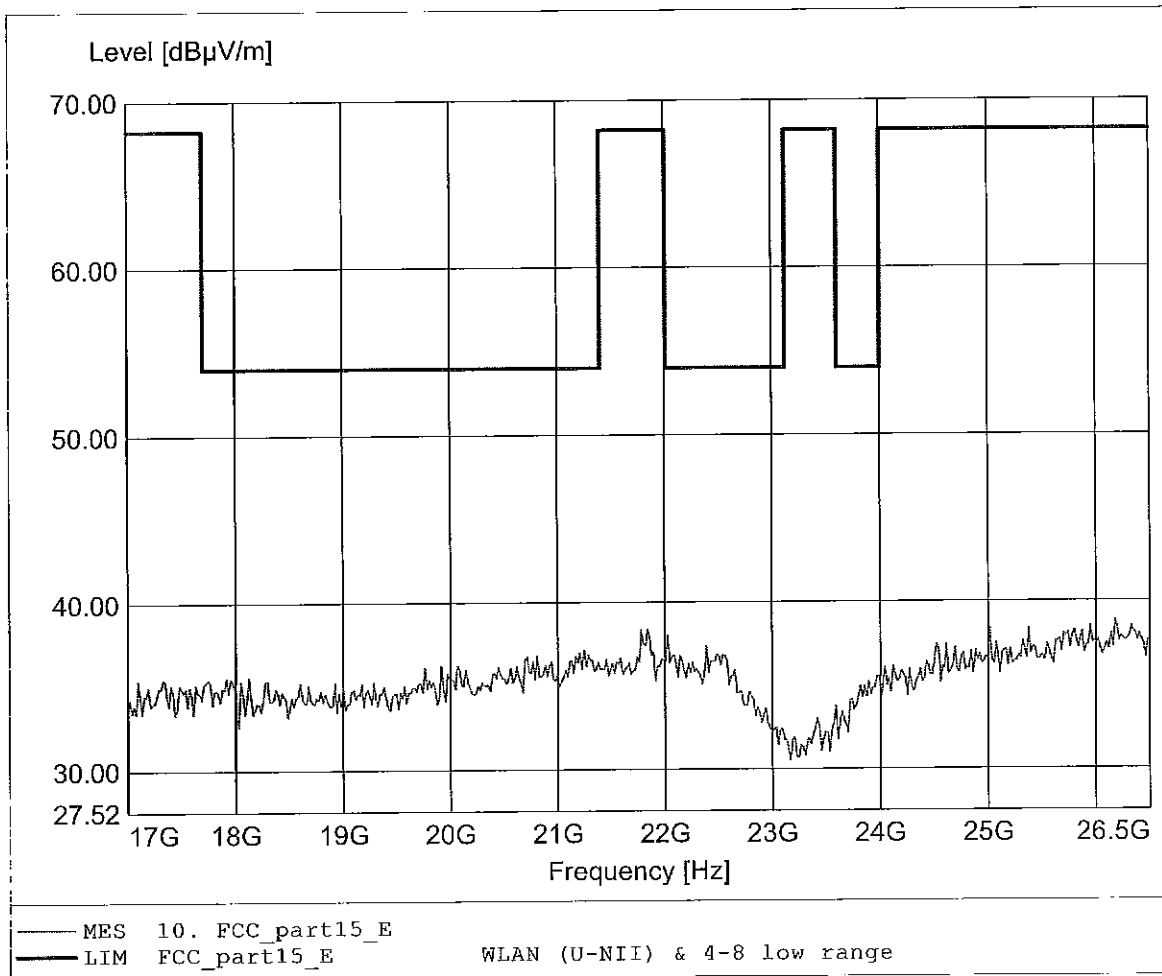
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 20.712GHz, Emax: 42.24dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

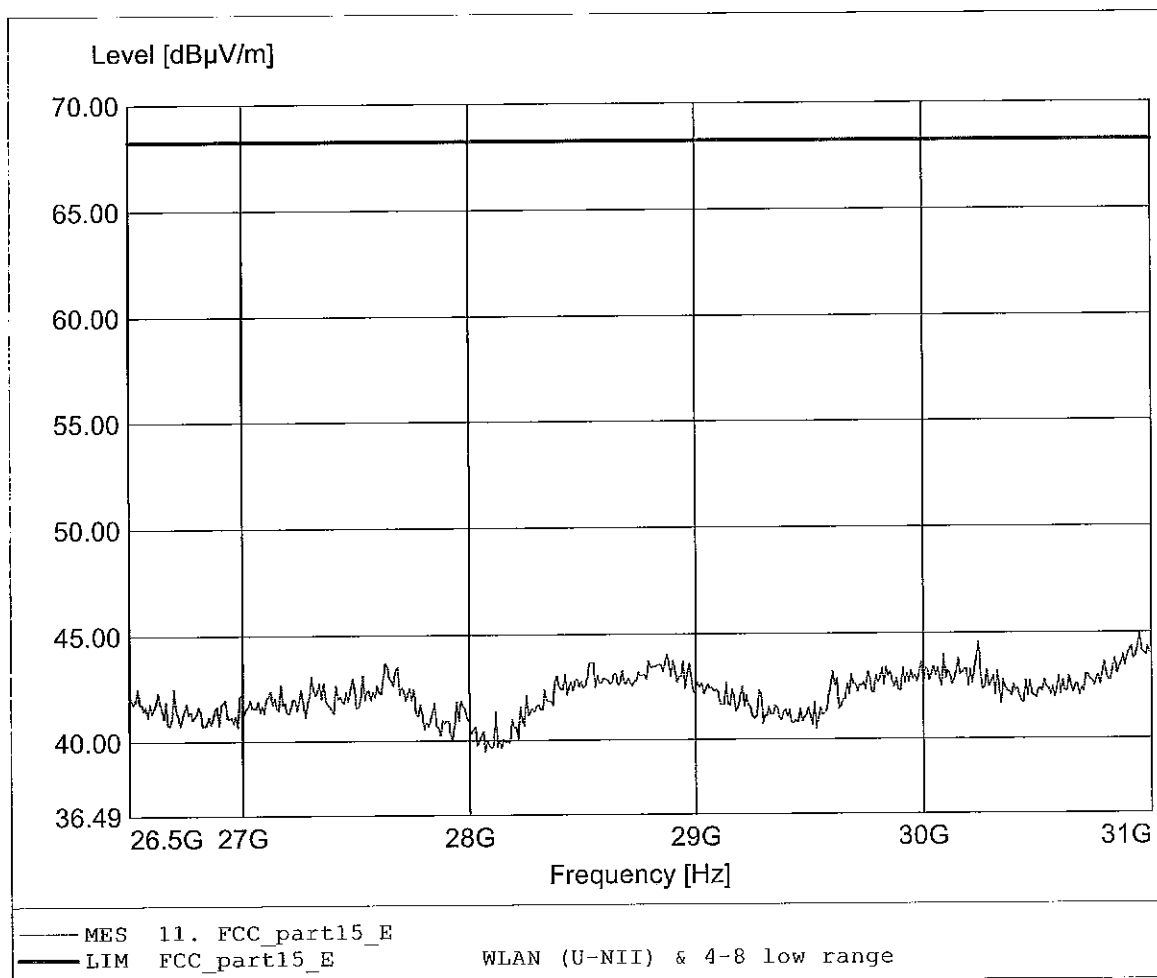
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.176GHz, Emax: 38.85dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

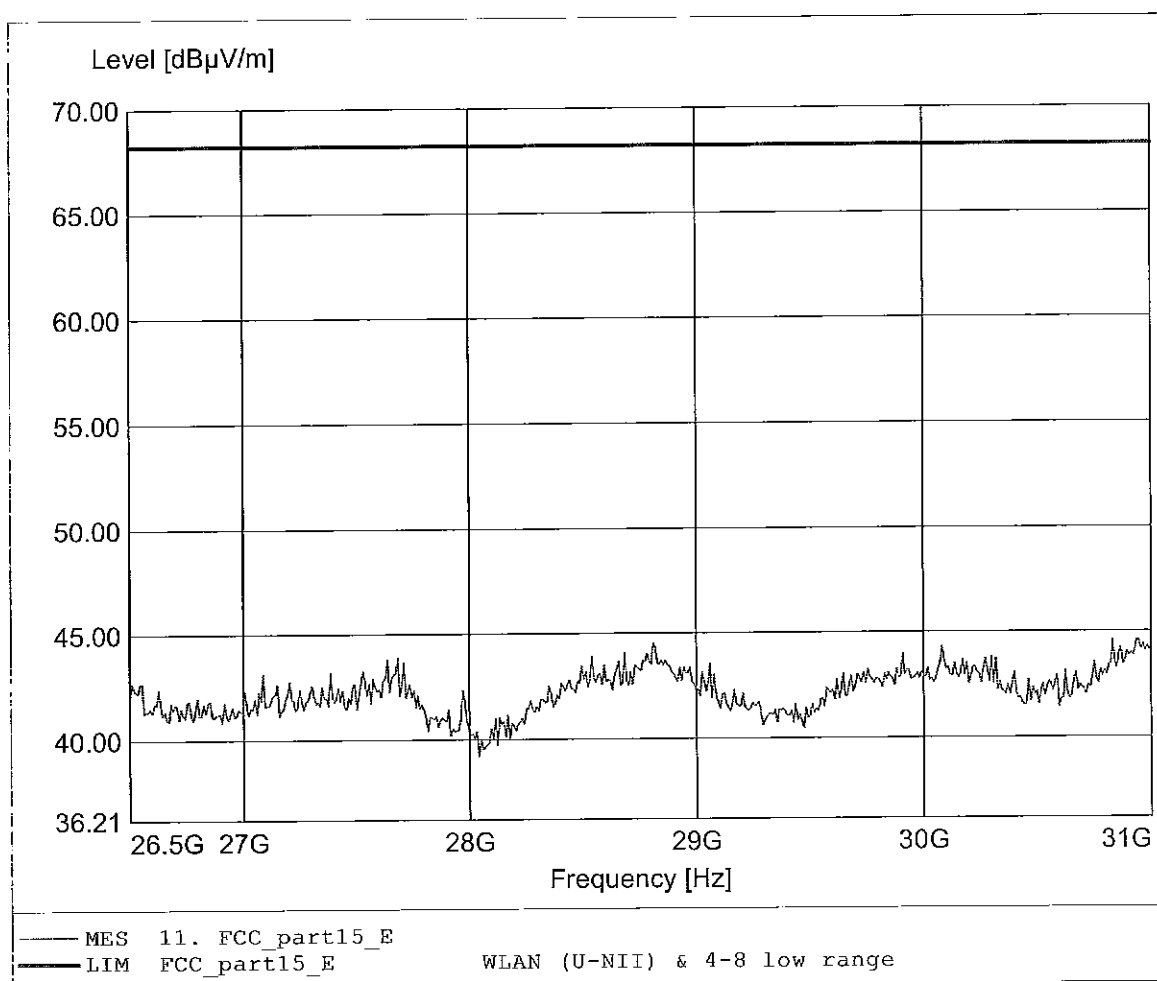
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: Horn 22240-25, amplif.  
Comment 2: Freq: 30.946GHz, Emax: 44.94dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

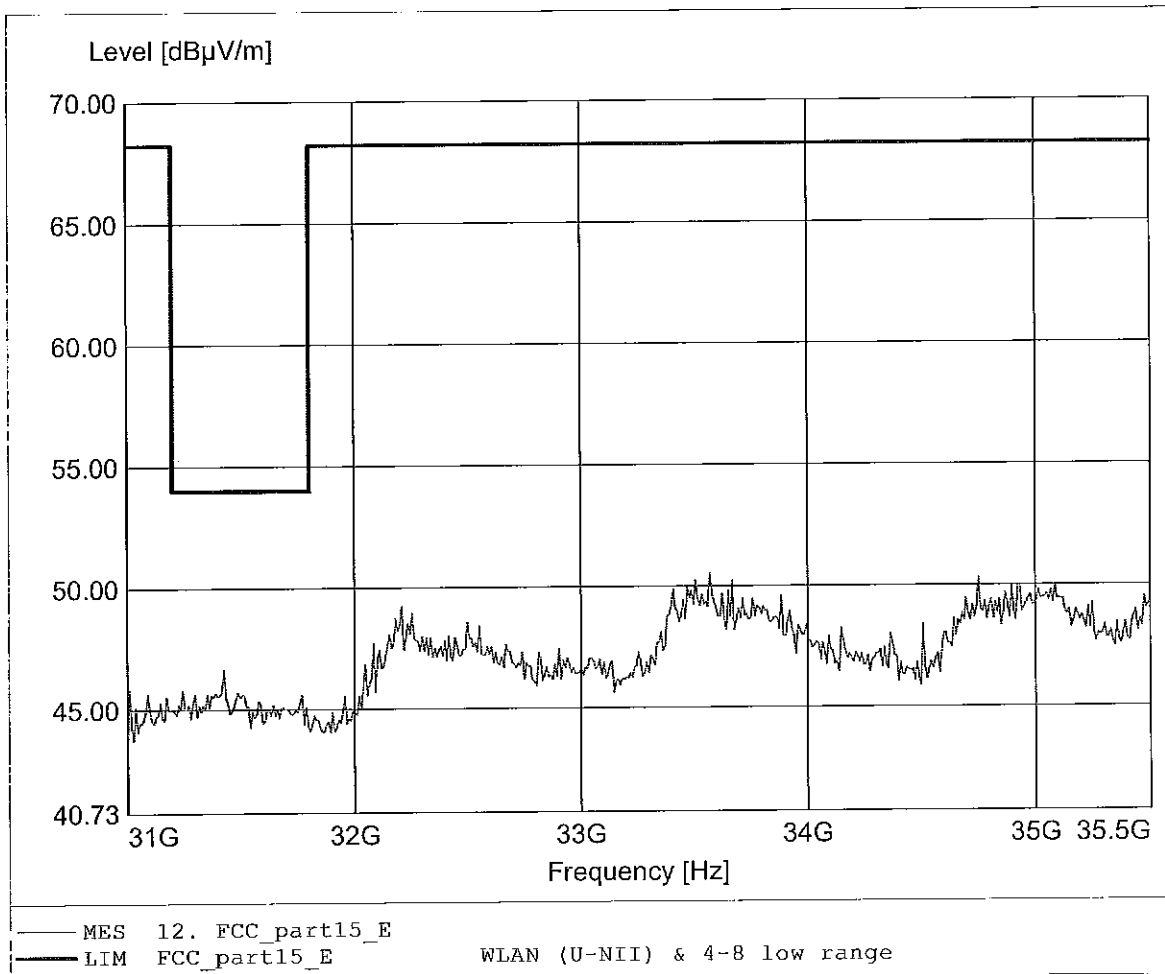
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: Horn 22240-25, amplif.  
Comment 2: Freq: 30.937GHz, Emax: 44.60dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

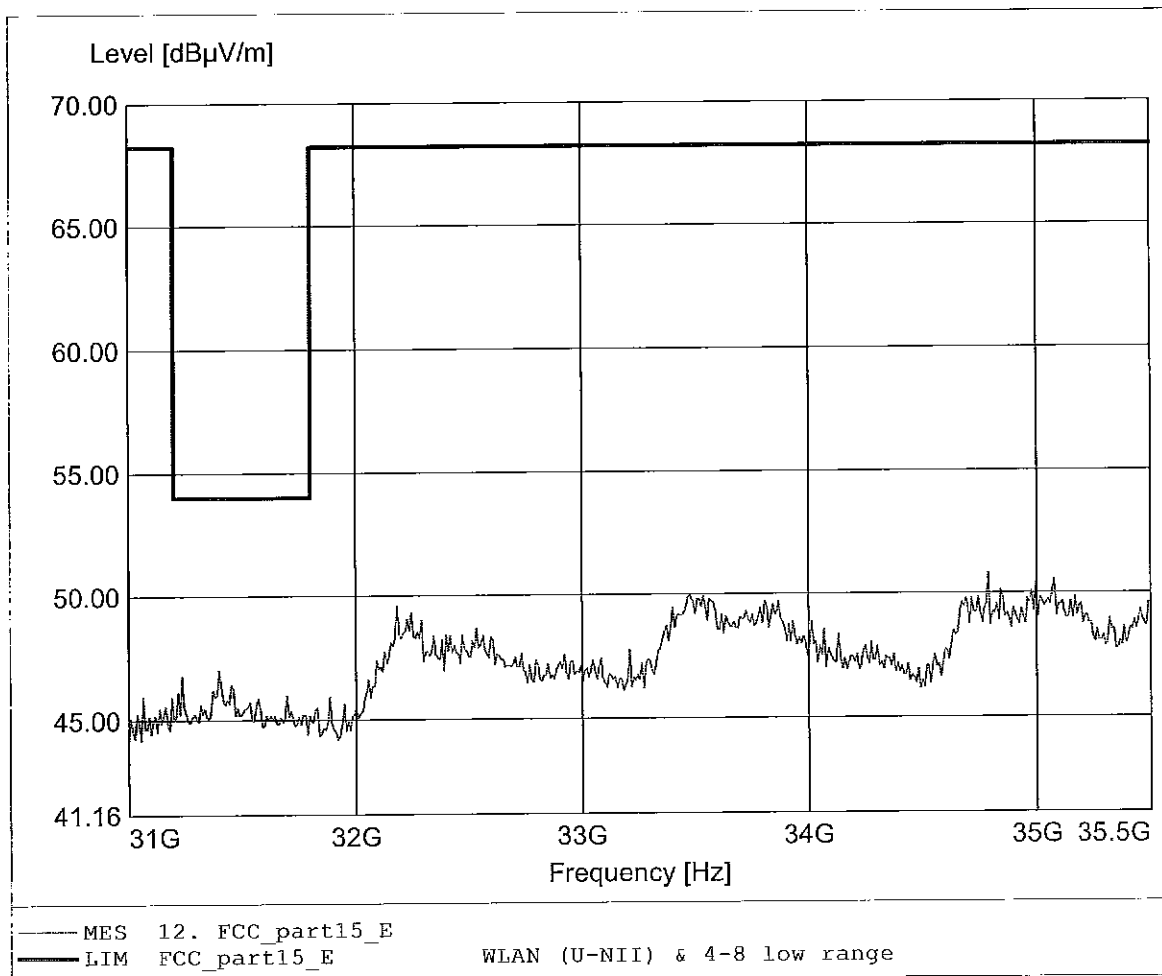
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: Horn 22240-25, amplif.  
Comment 2: Freq: 33.570GHz, Emax: 50.54dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

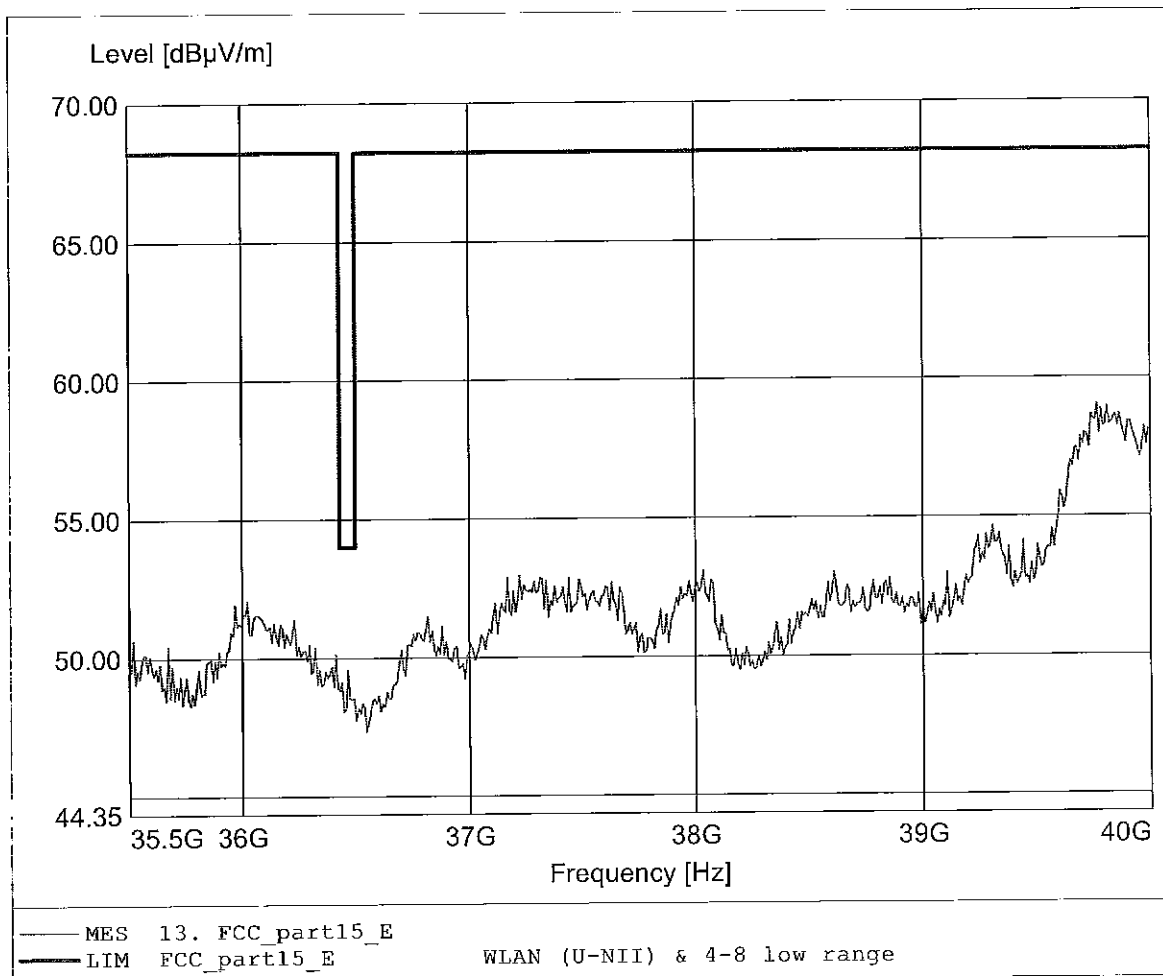
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: Horn 22240-25, amplif.  
Comment 2: Freq: 34.788GHz, Emax: 50.83dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: Horn 22240-25, amplif.  
Comment 2: Freq: 39.766GHz, Pmax: 59.05dBμV/m, RBW: 1MHz

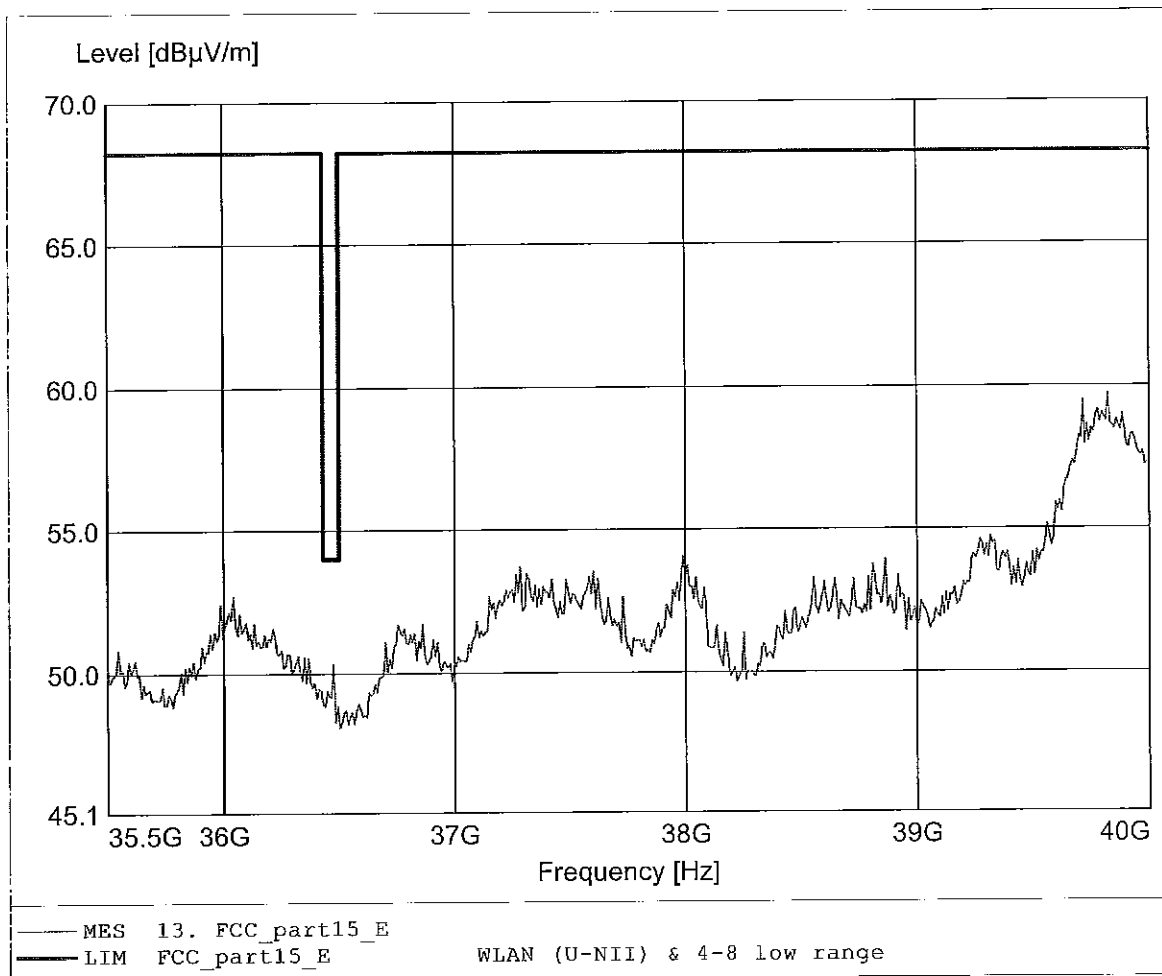




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

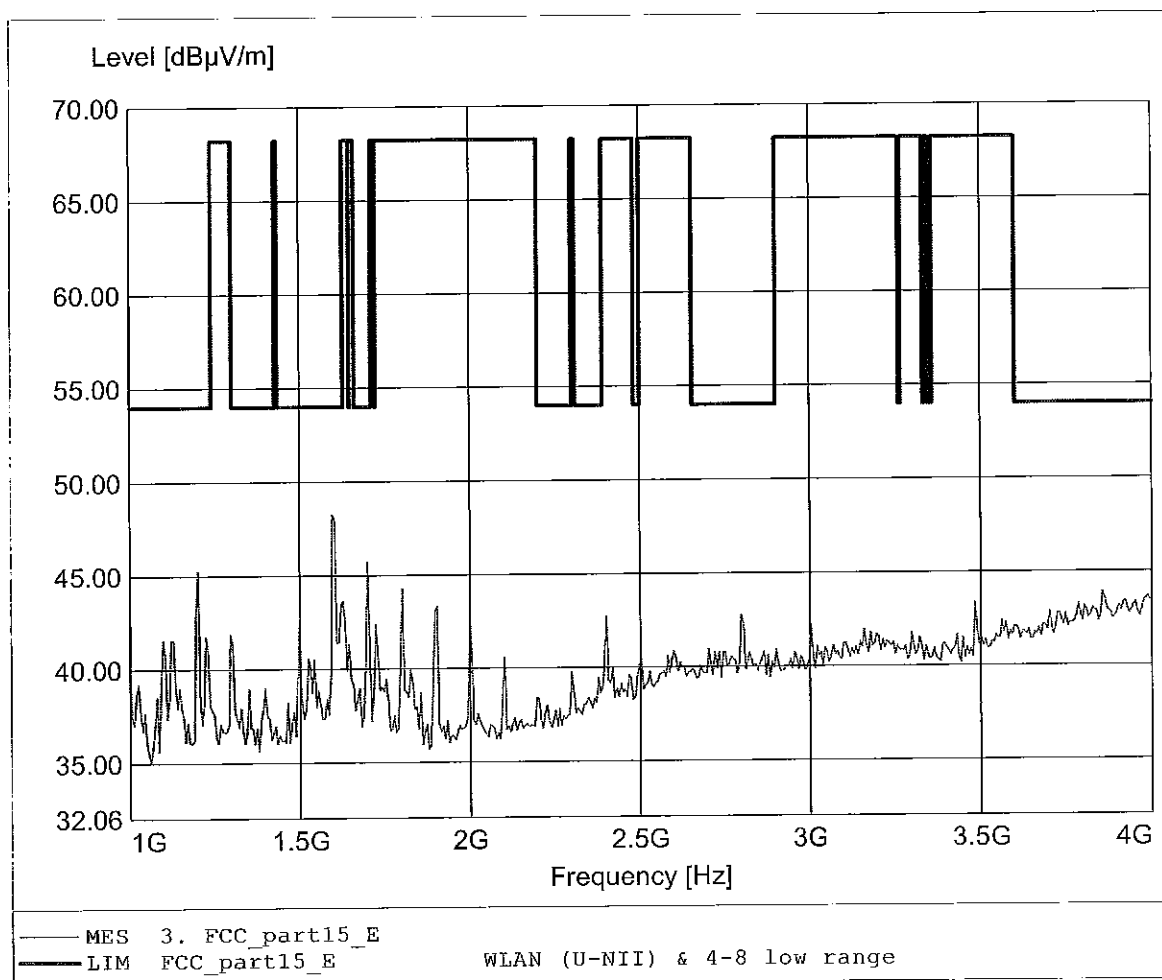
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5180 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: Horn 22240-25, amplif.  
Comment 2: Freq: 39.820GHz, Pmax: 59.74dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART E

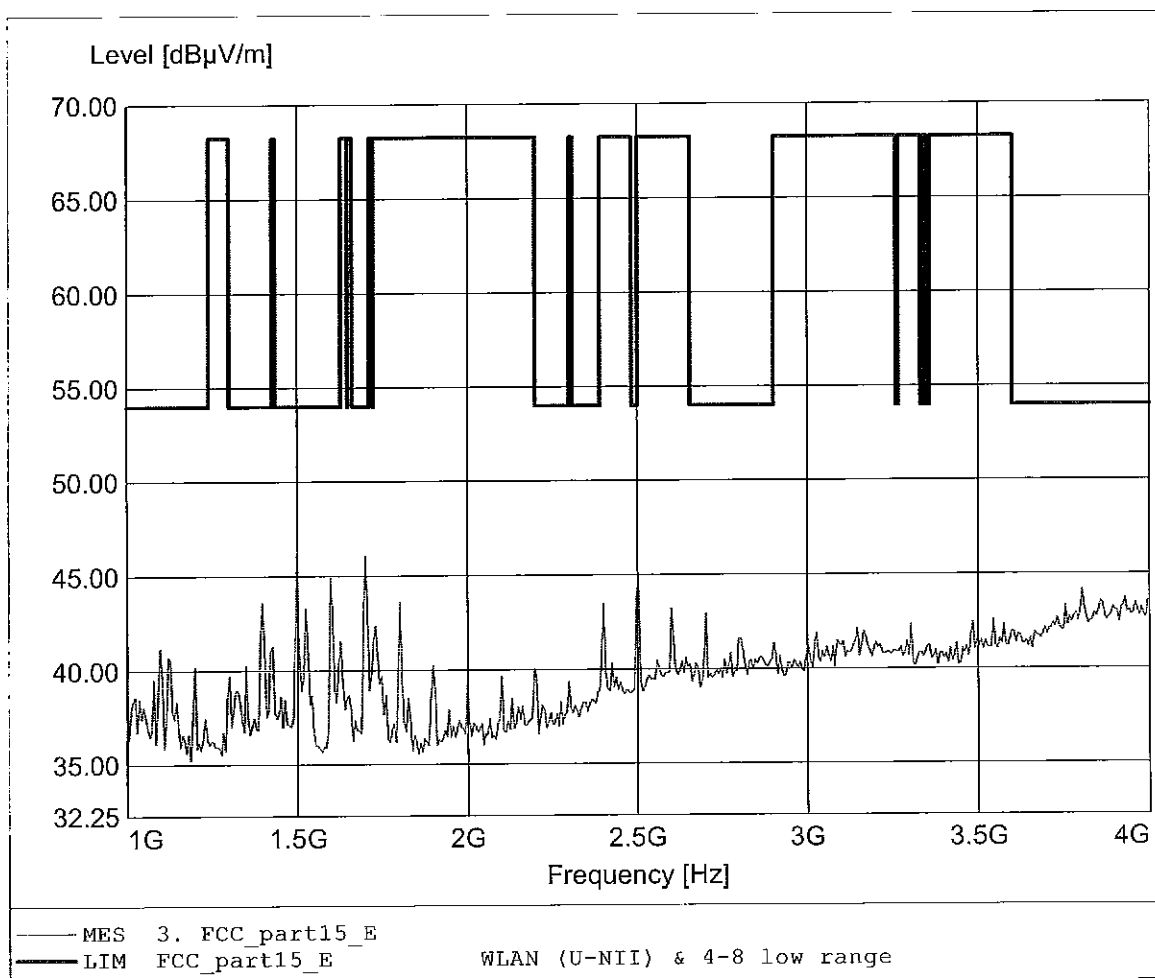
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.595GHz, Emax: 48.27dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

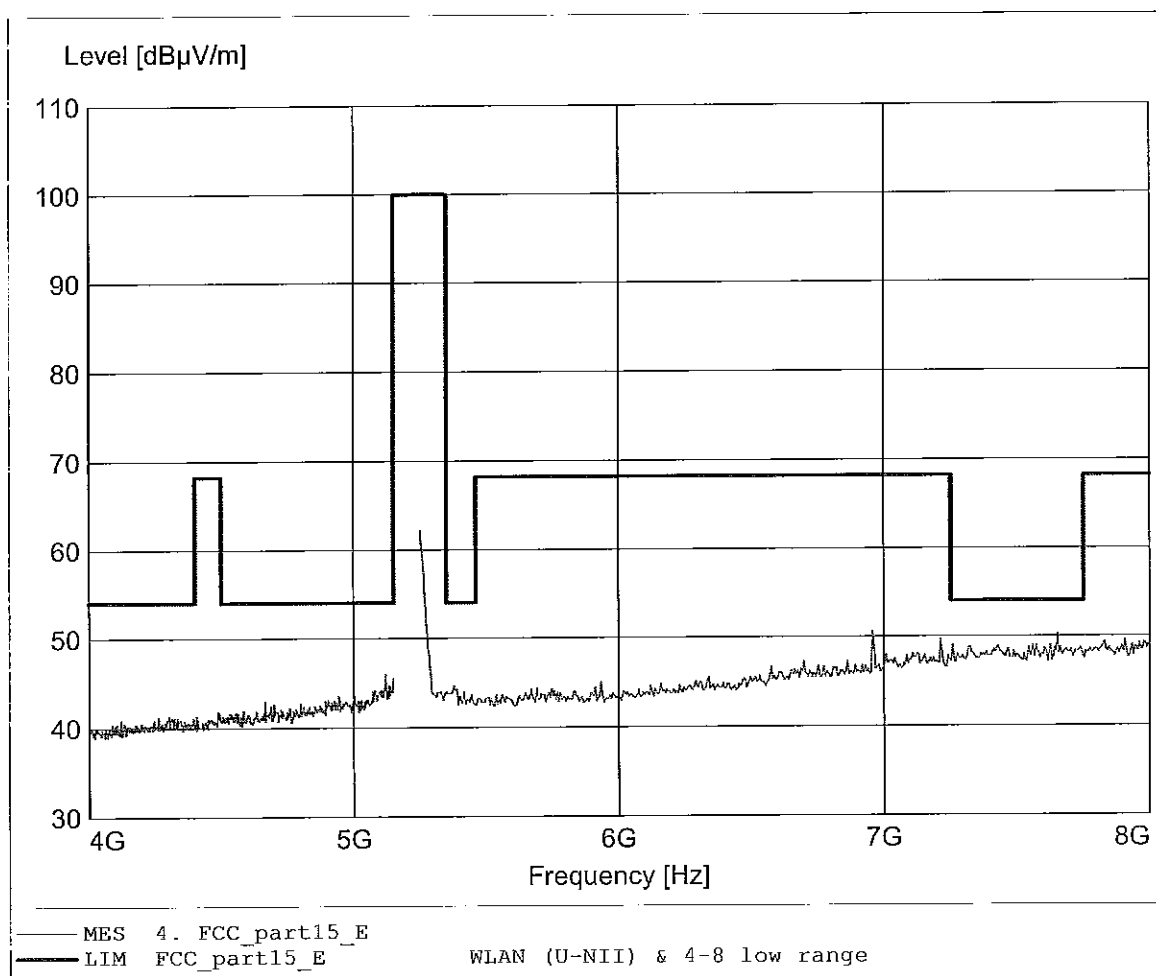
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.499GHz, Emax: 47.01dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

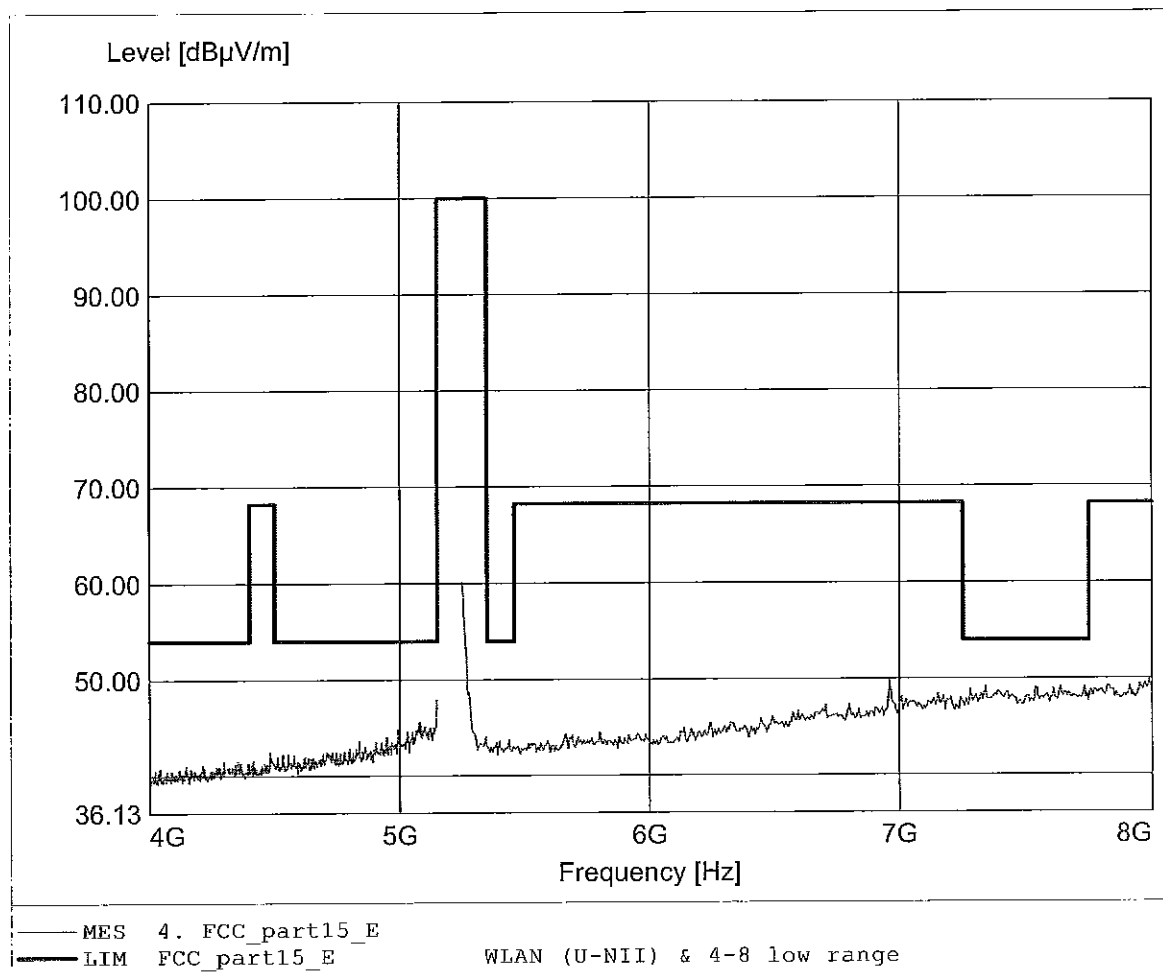
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.250GHz, Emax: 62.23dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

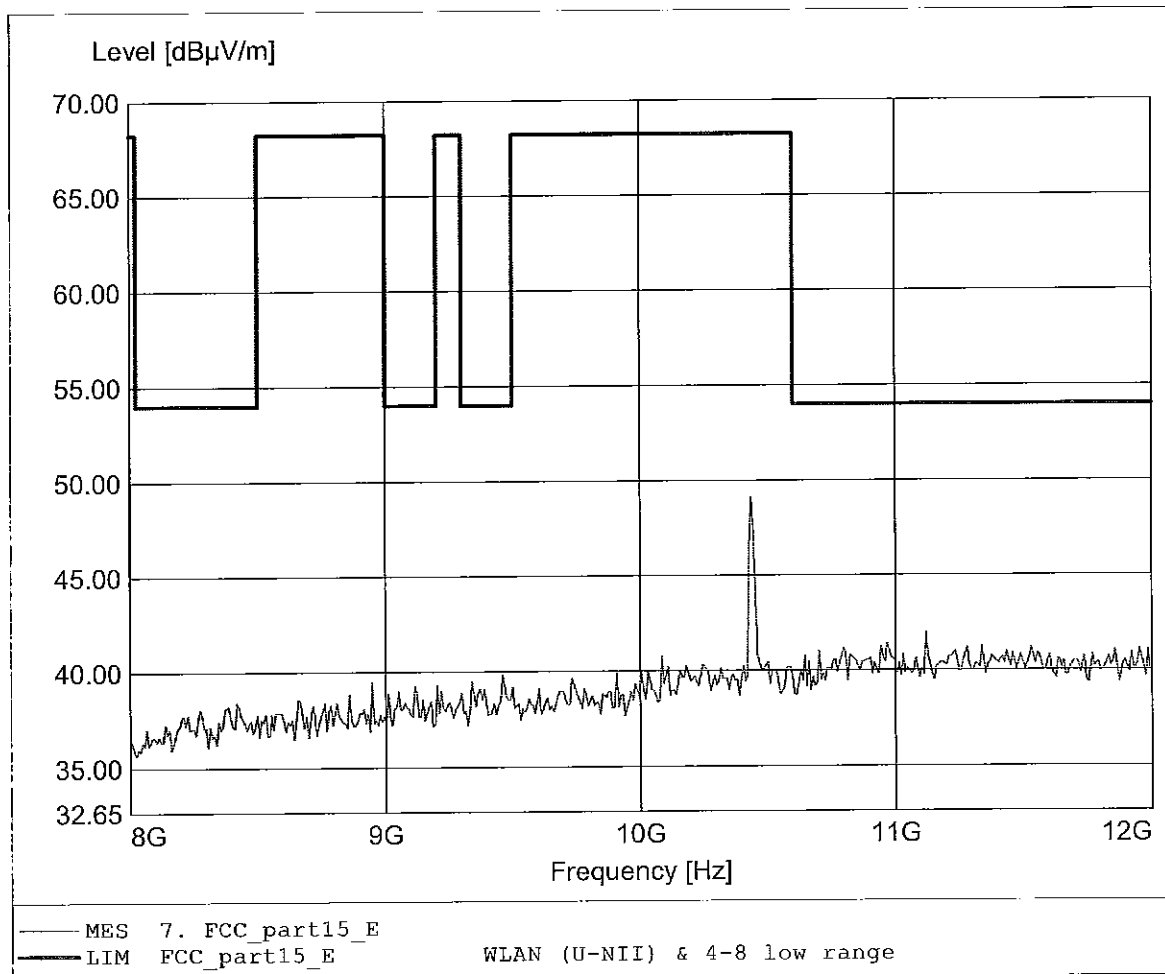
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.250GHz, Emax: 60.19dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

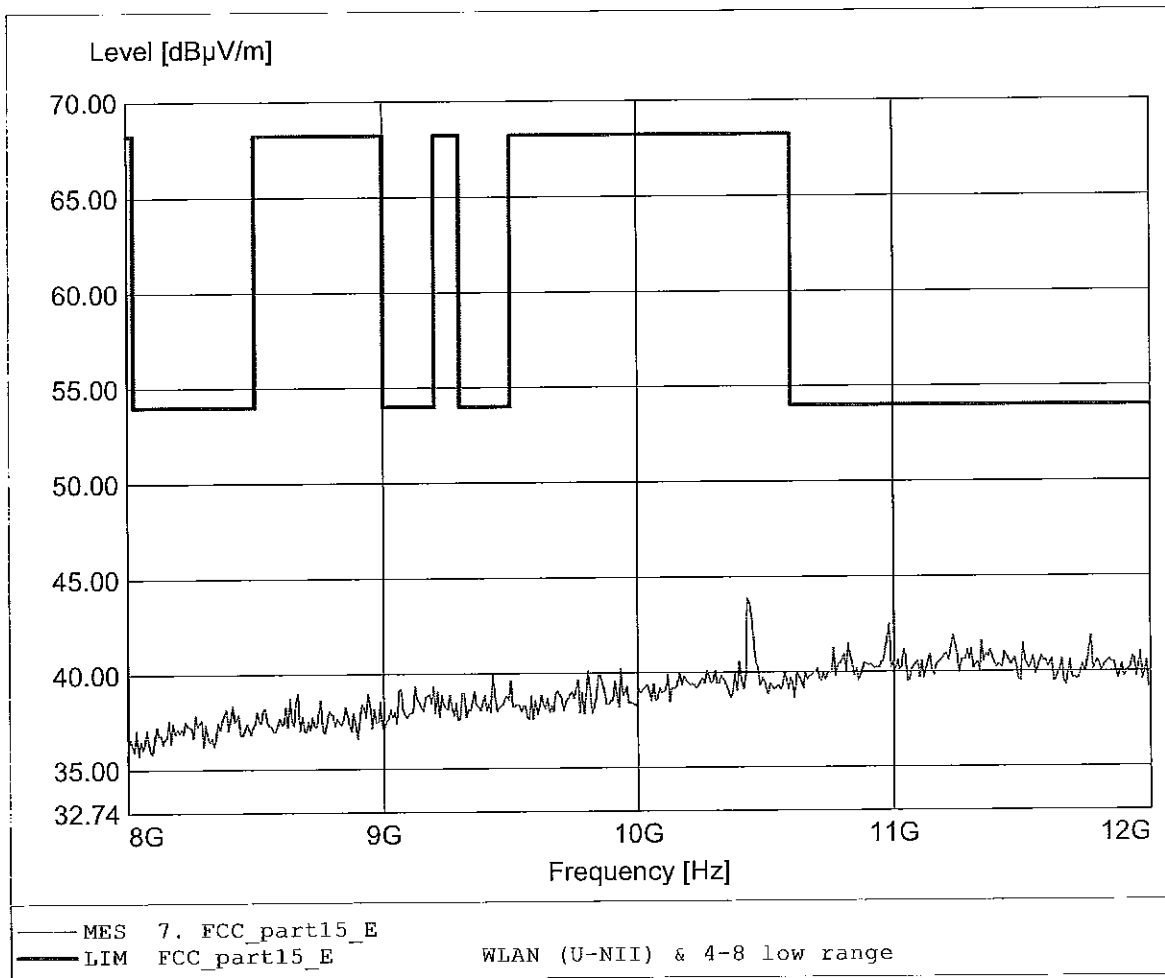
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.437GHz, Emax: 49.12dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

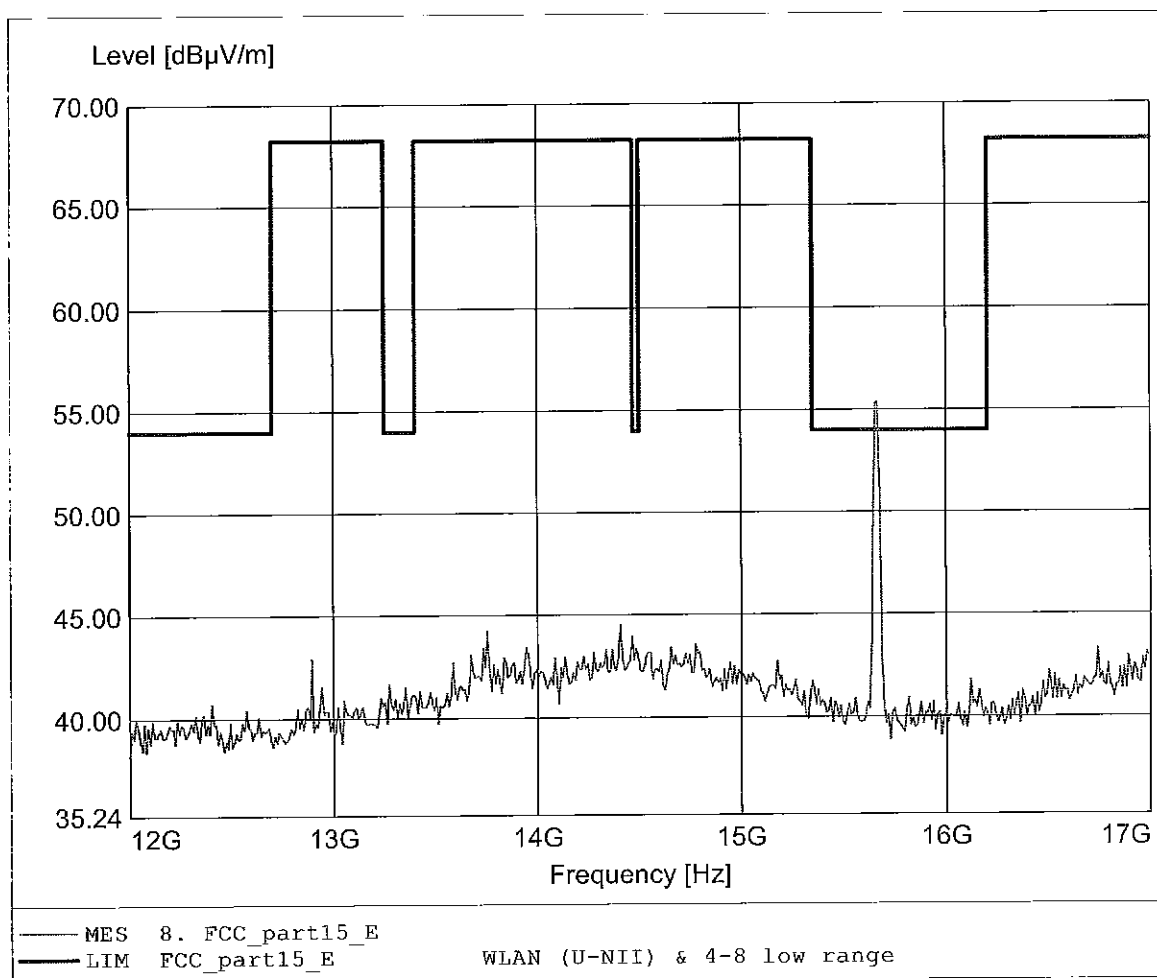
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.429GHz, Emax: 43.89dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.667GHz, Emax: 55.39dBµV/m, RBW: 1MHz

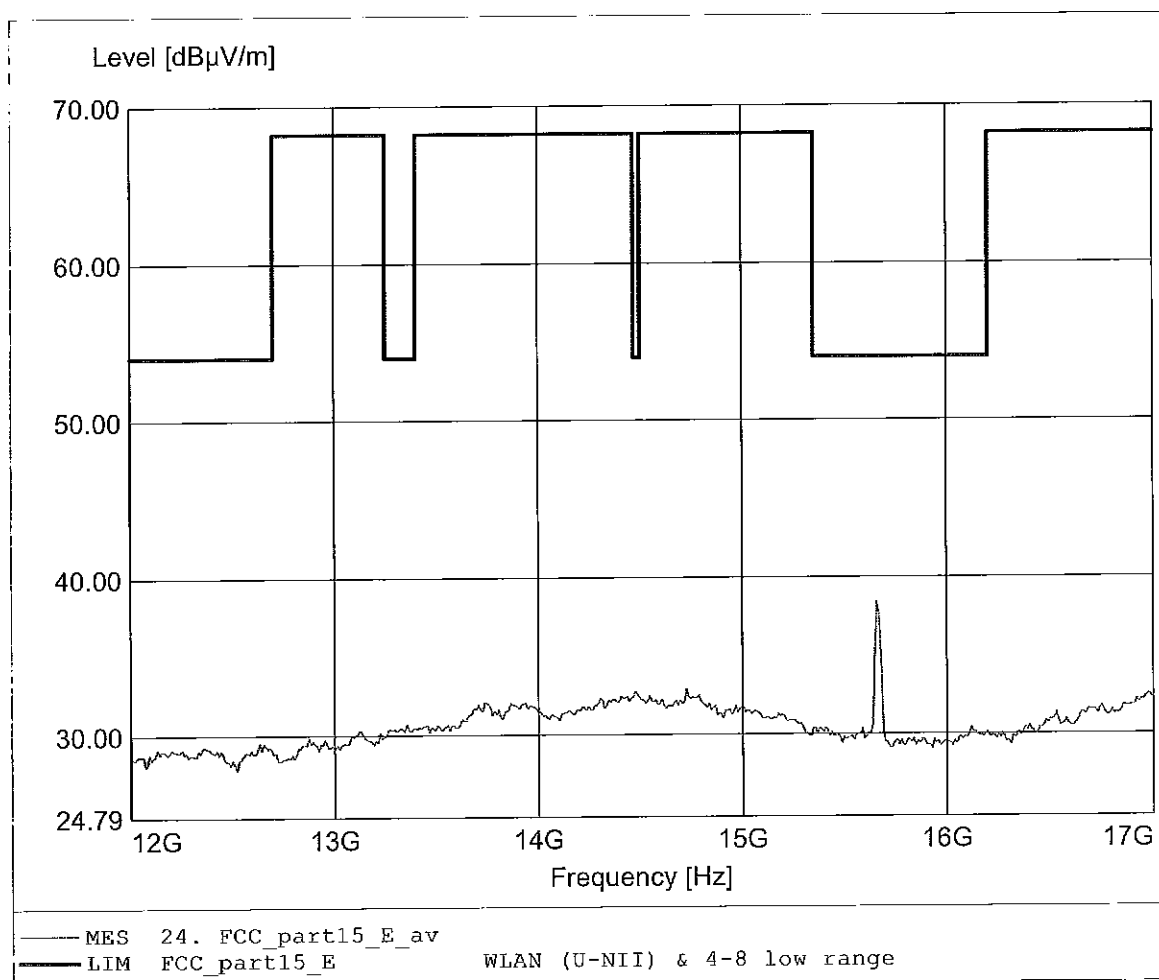




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART E

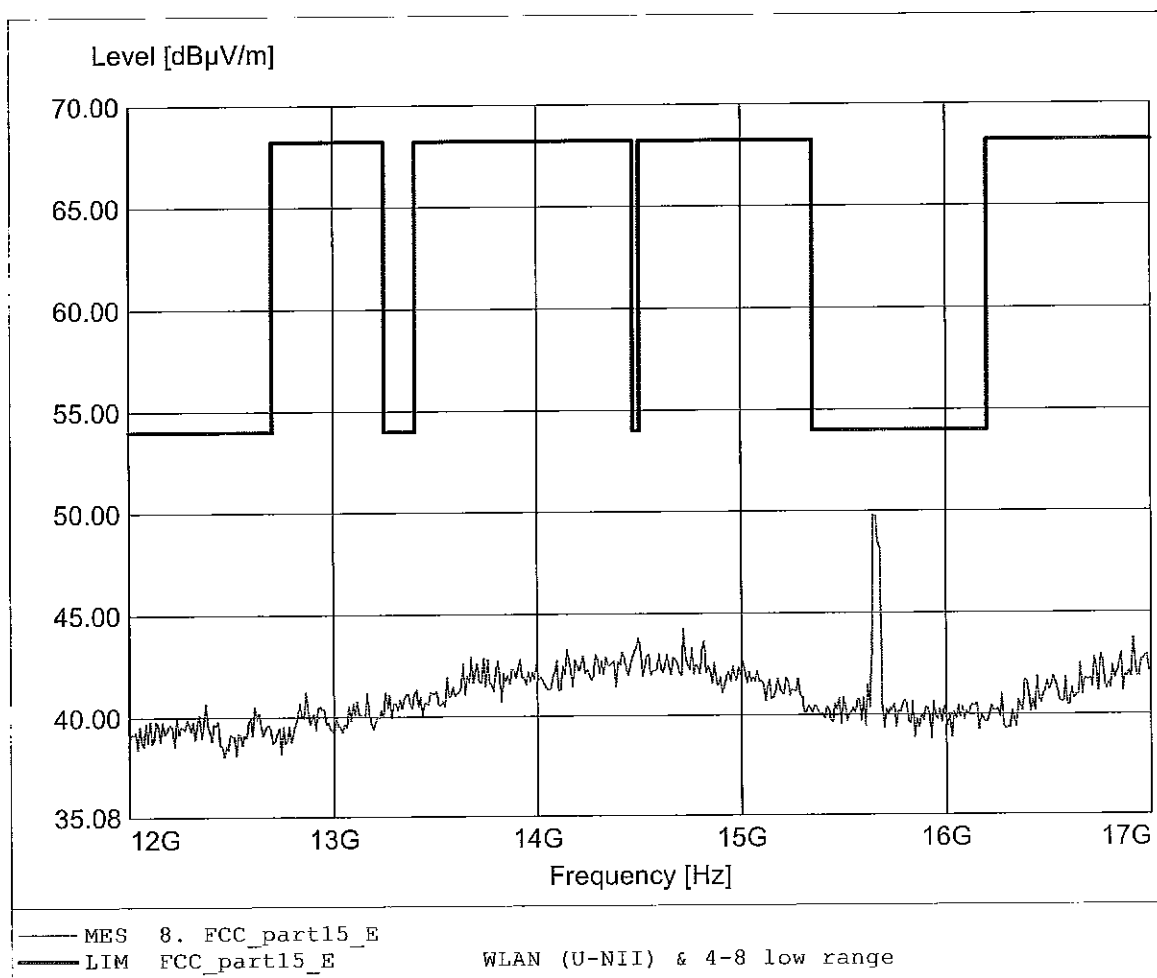
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.657GHz, Emax: 38.41dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

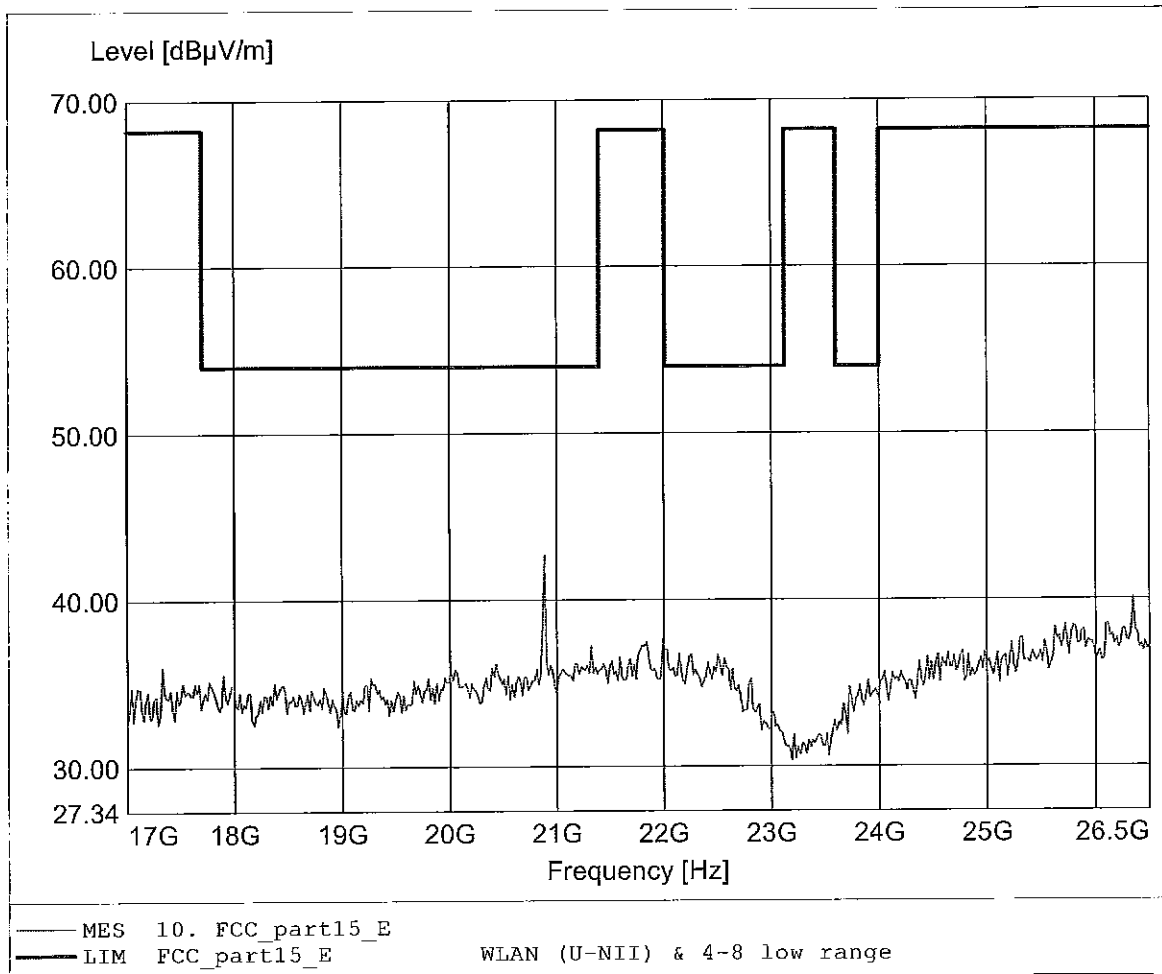
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.647GHz, Emax: 49.79dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

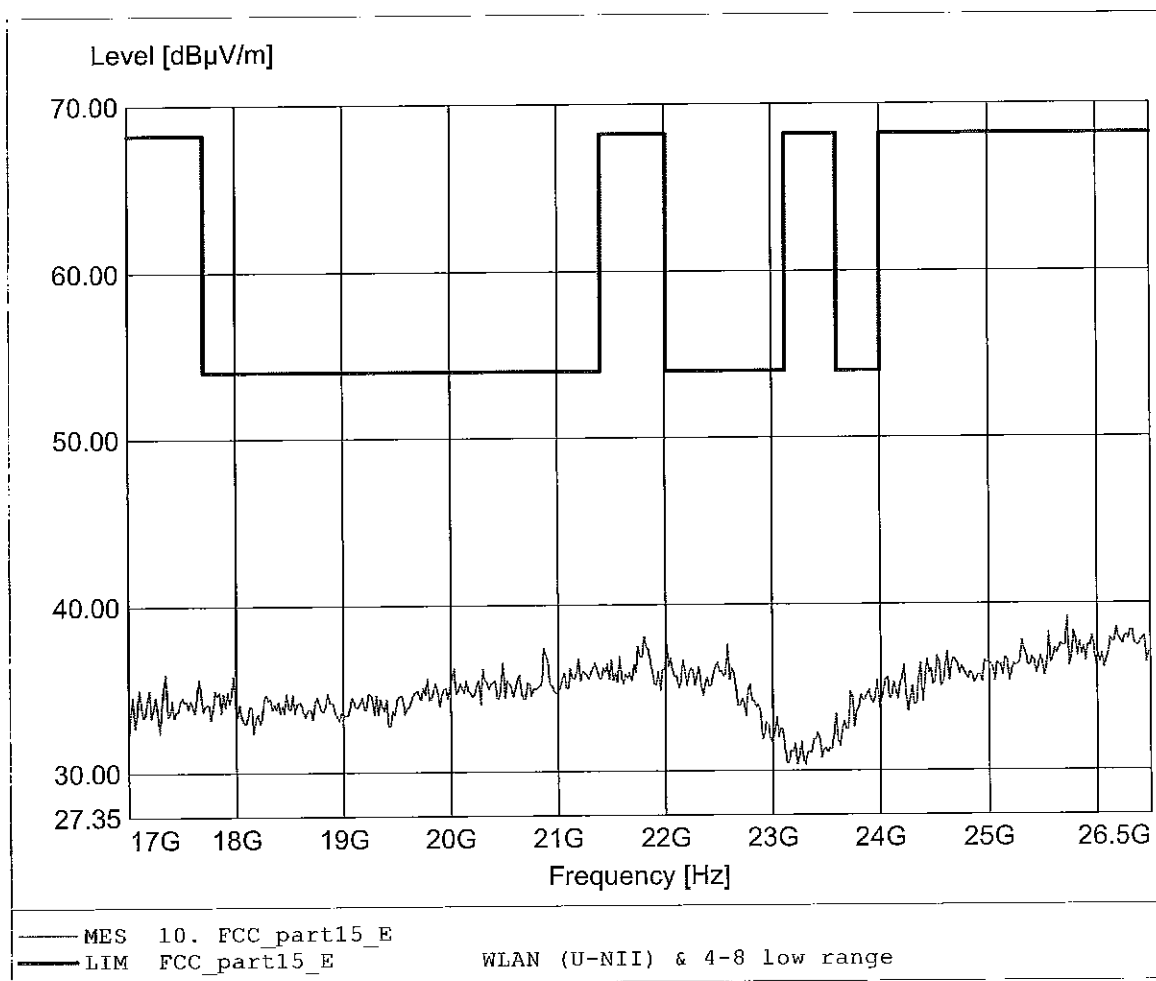
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 20.884GHz, Emax: 42.69dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

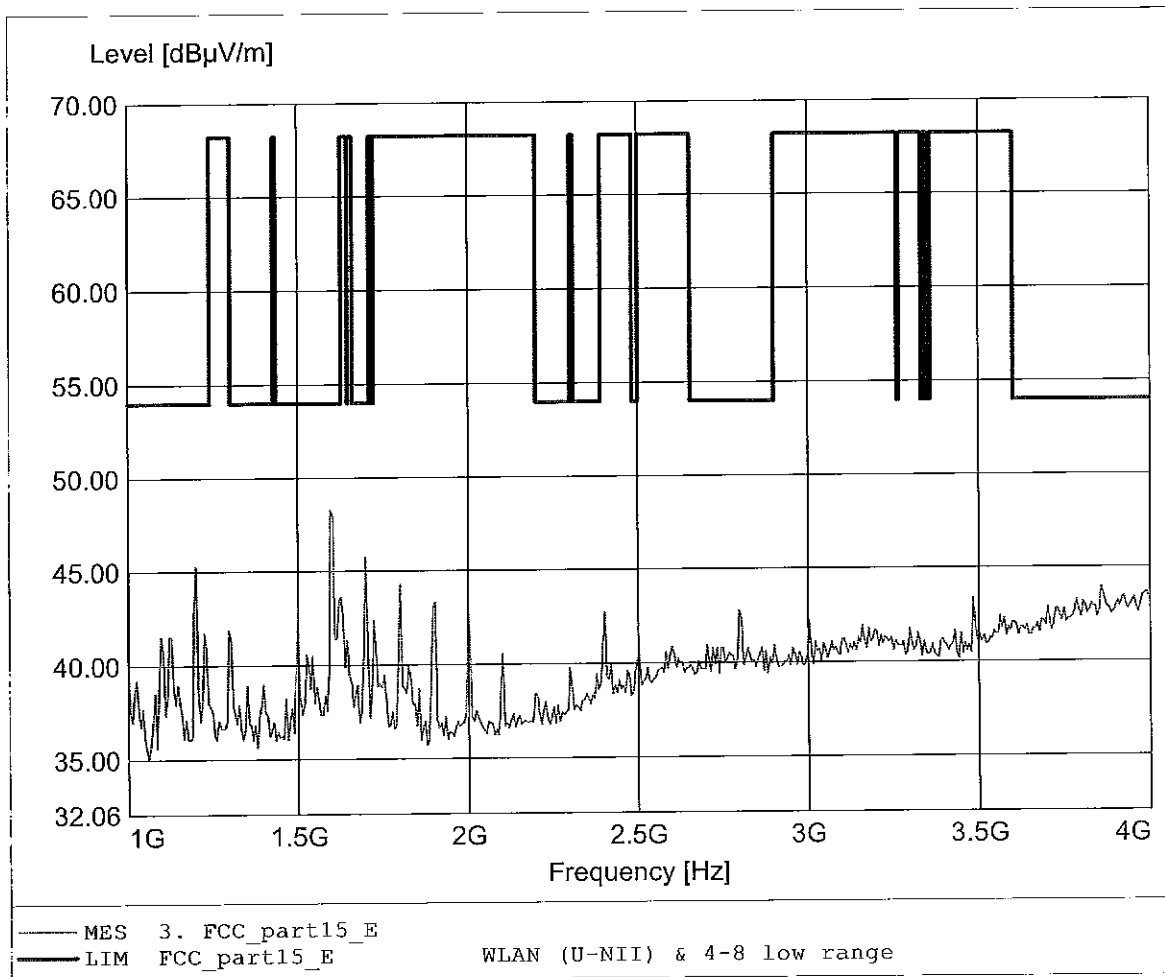
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 25.719GHz, Emax: 39.18dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

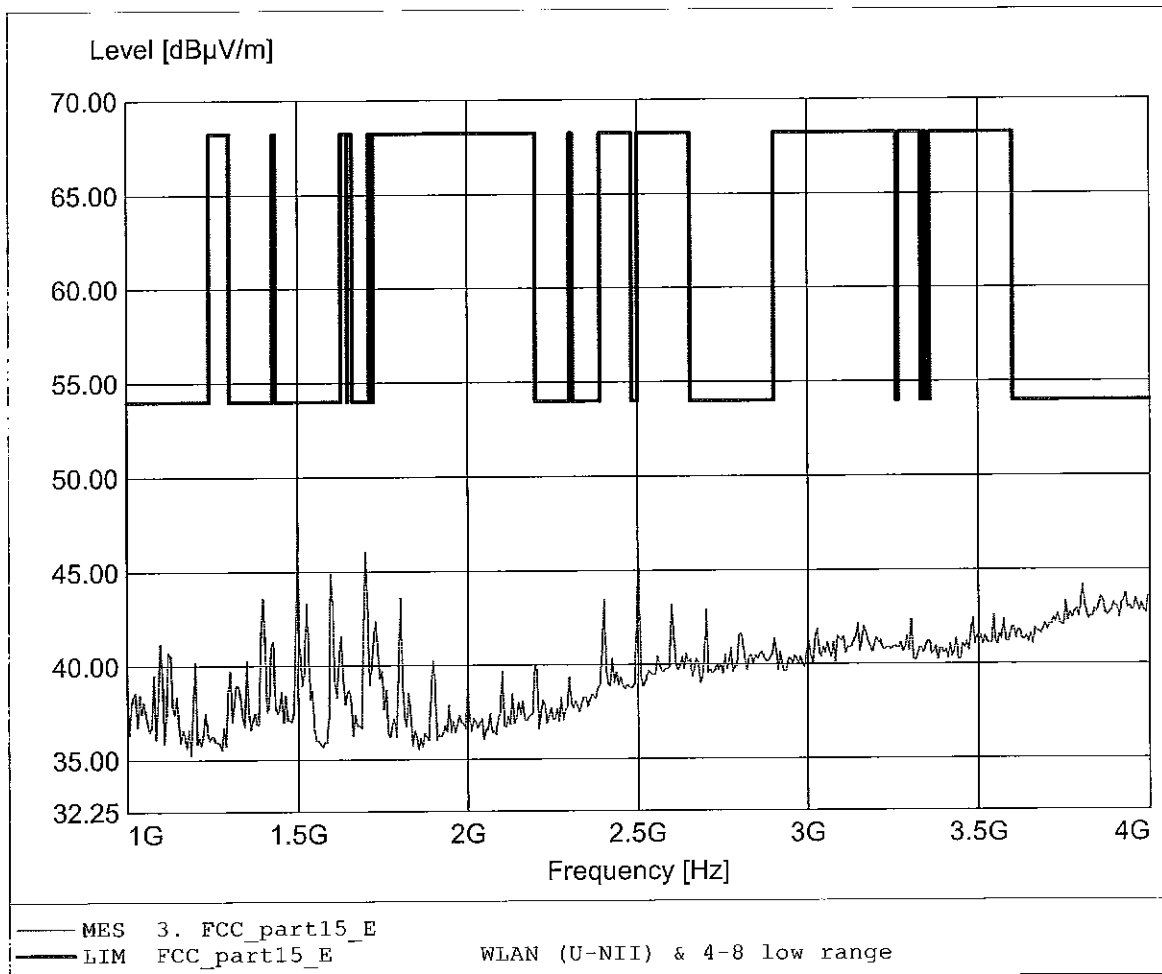
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.595GHz, Emax: 48.27dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

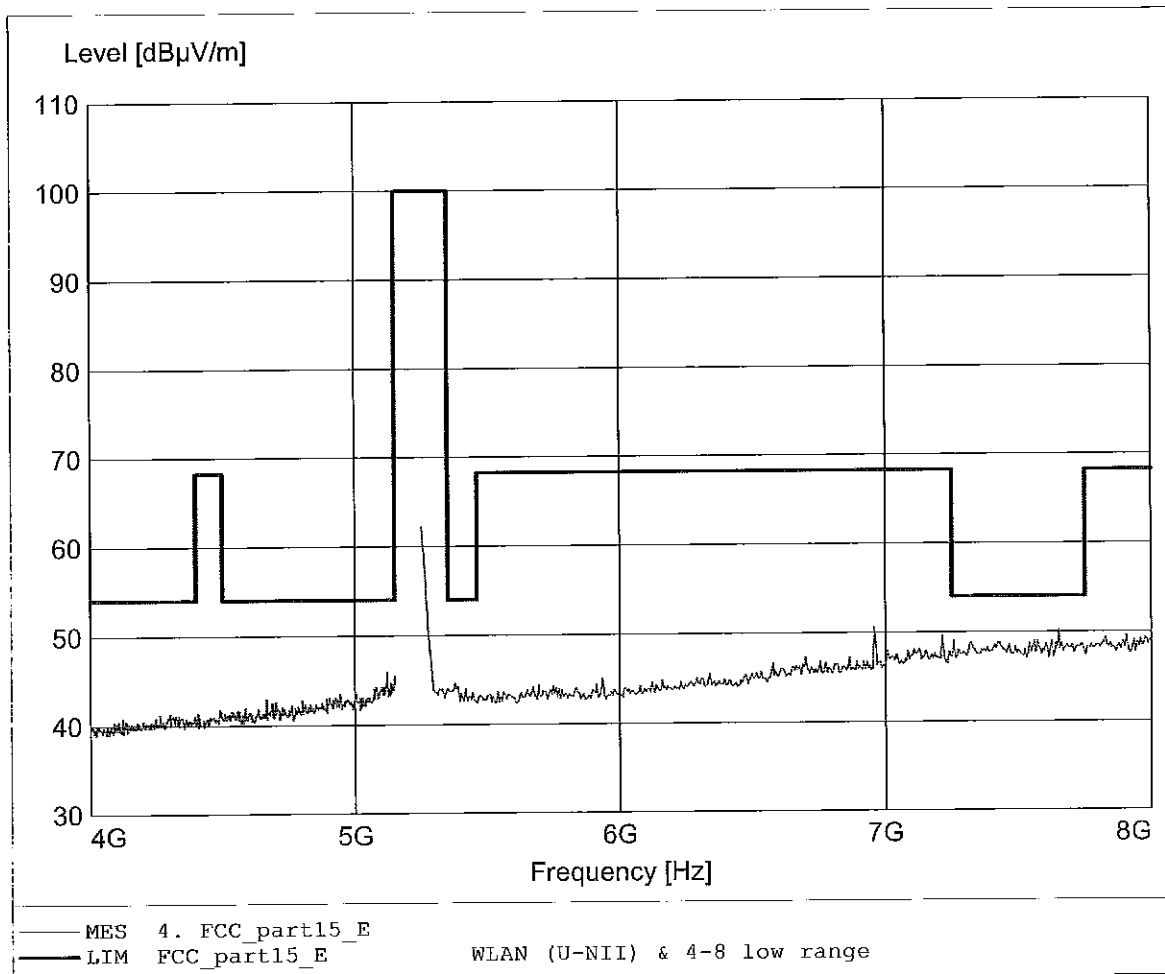
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.499GHz, Emax: 47.01dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

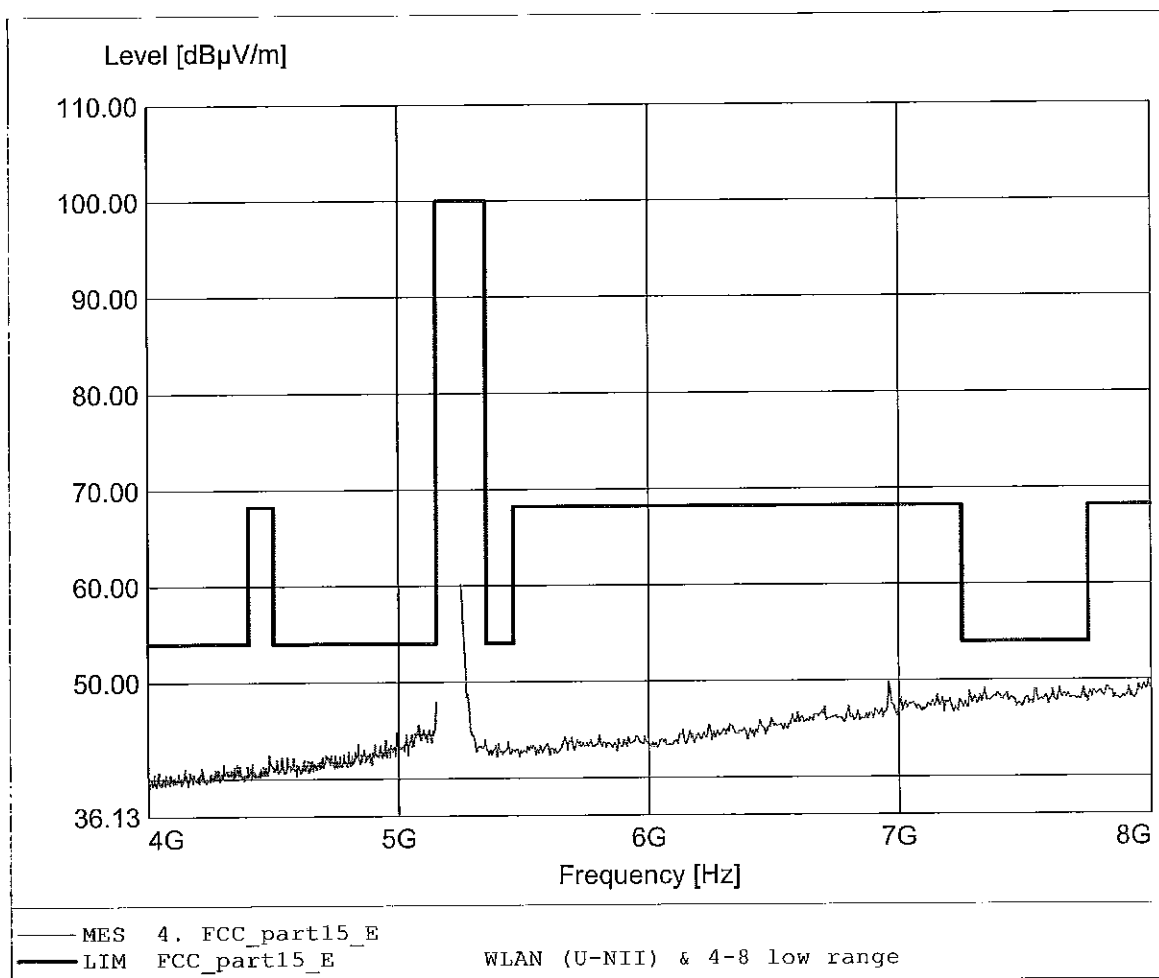
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.250GHz, Emax: 62.23dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.250GHz, Emax: 60.19dBµV/m, RBW: 1MHz

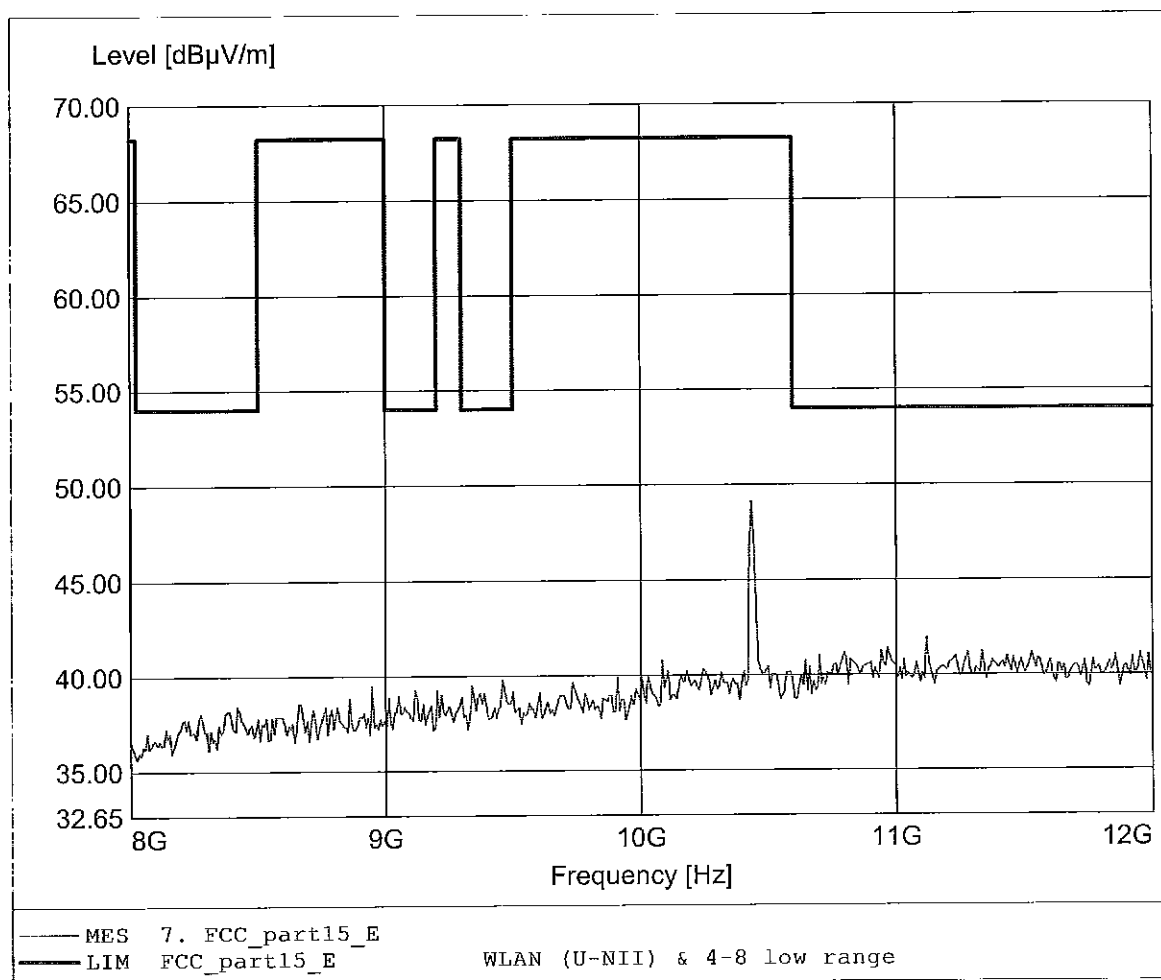




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

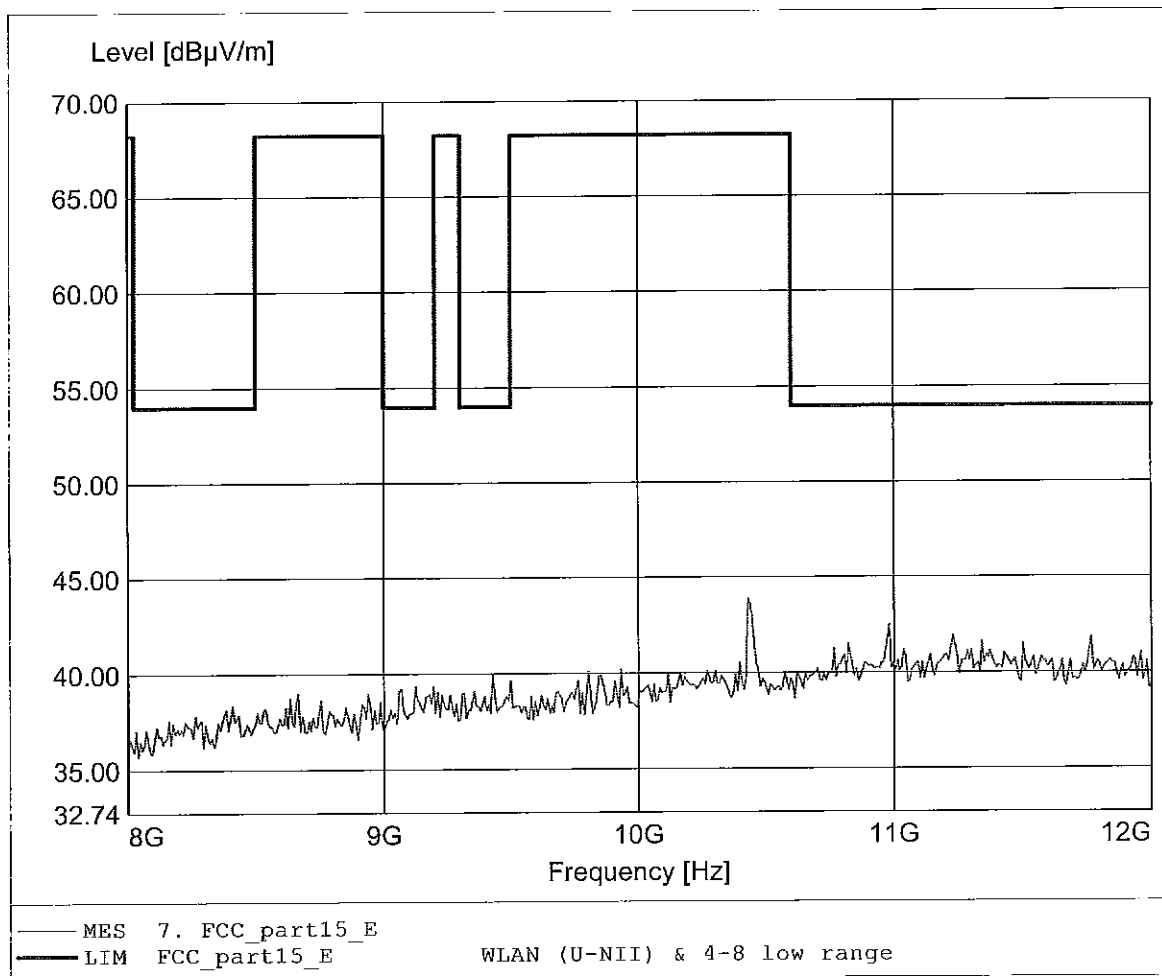
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.437GHz, Emax: 49.12dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

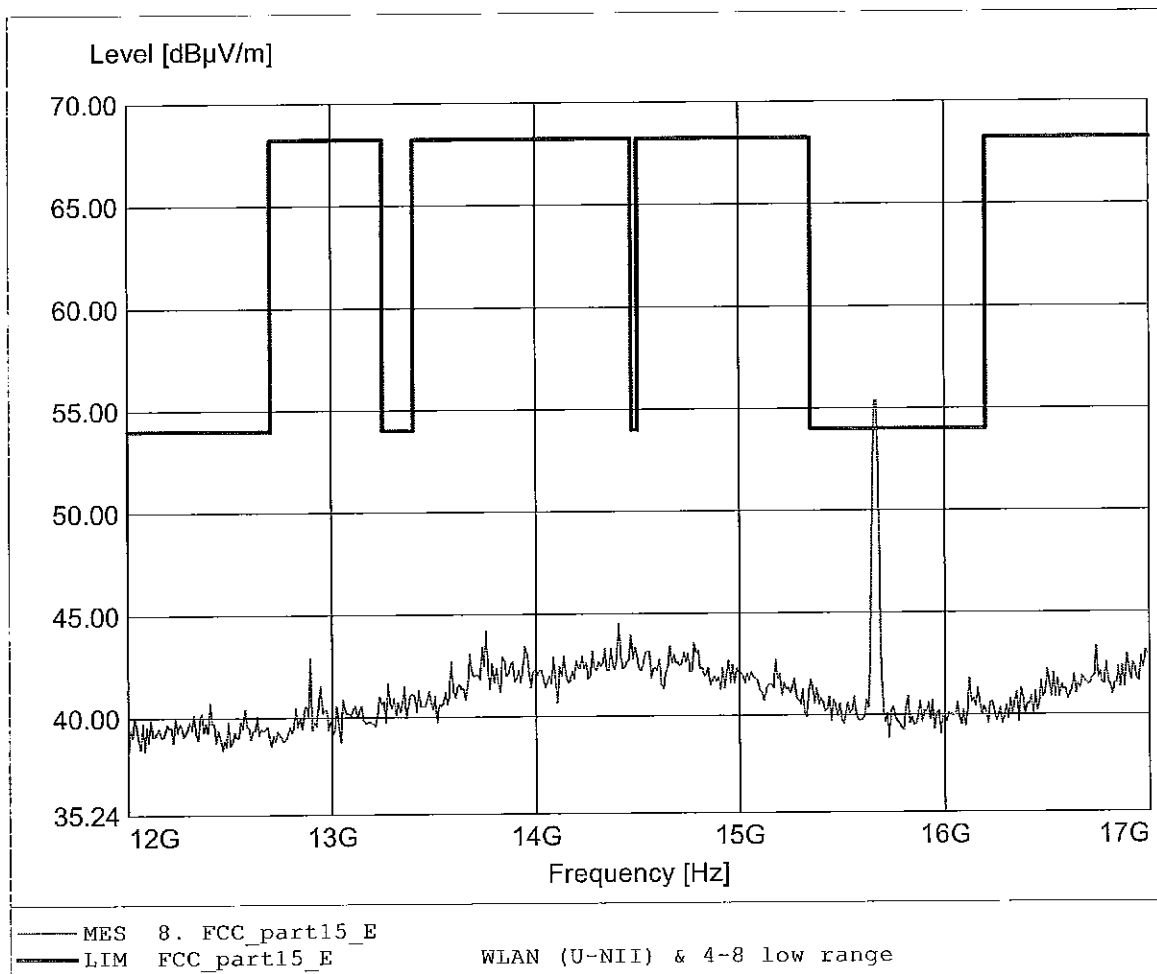
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.429GHz, Emax: 43.89dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

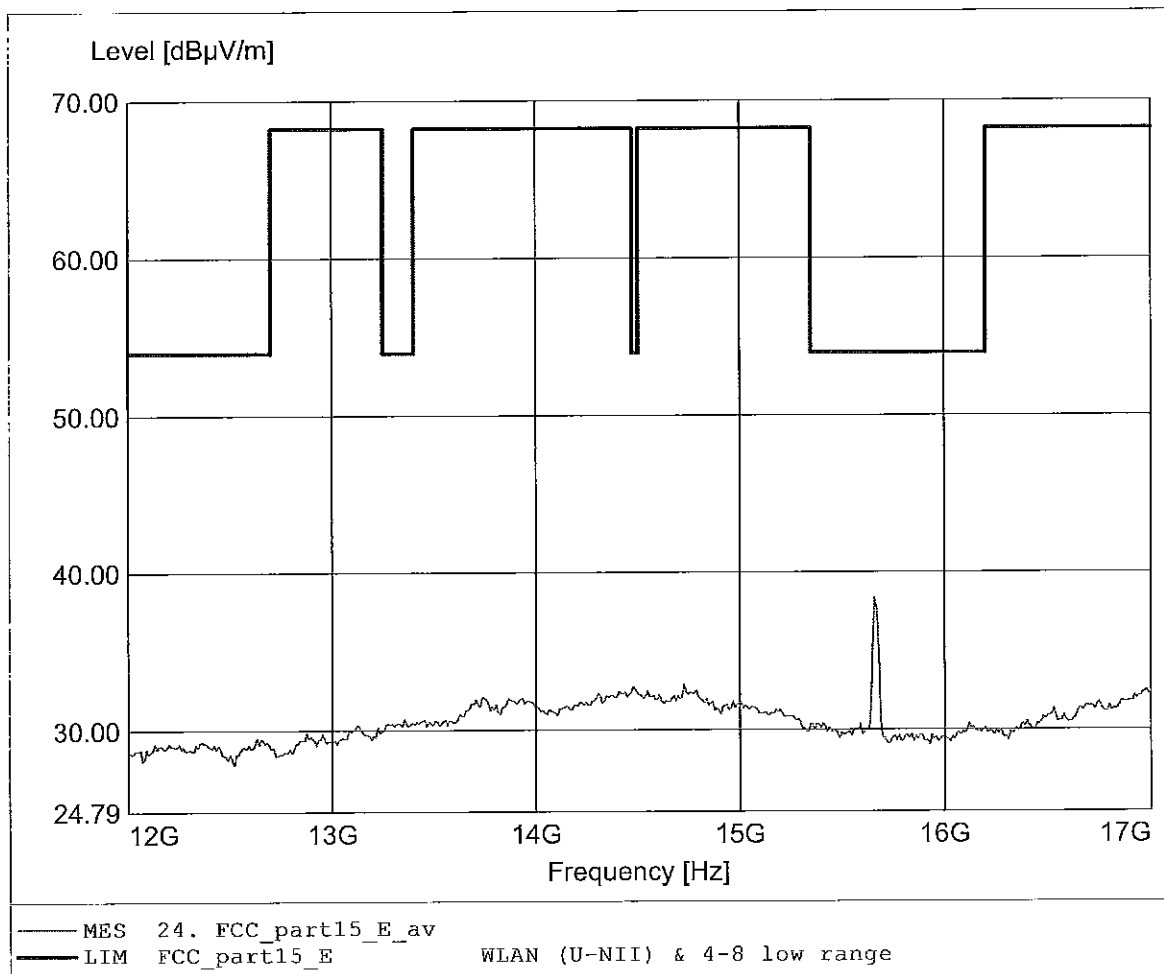
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.667GHz, Emax: 55.39dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

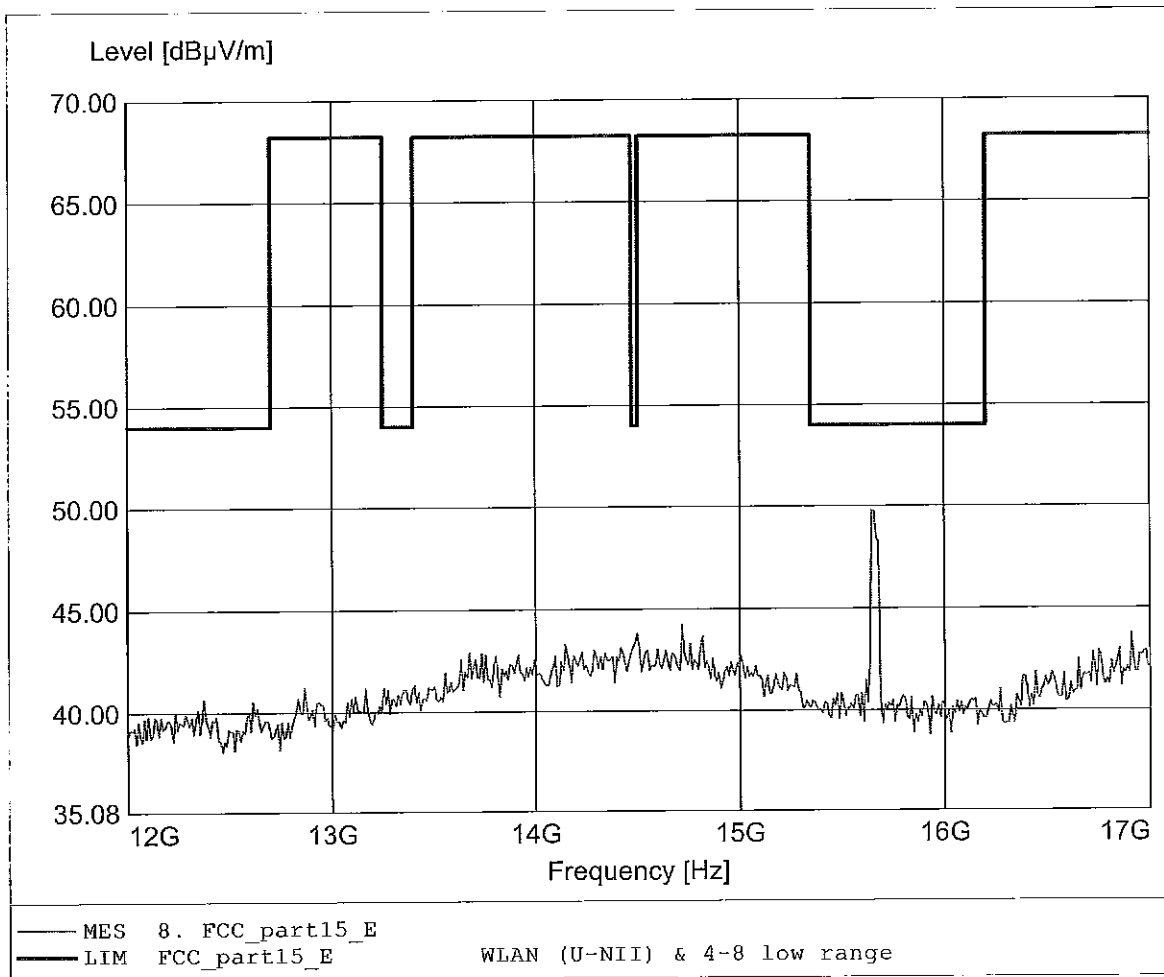
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.657GHz, Emax: 38.41dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

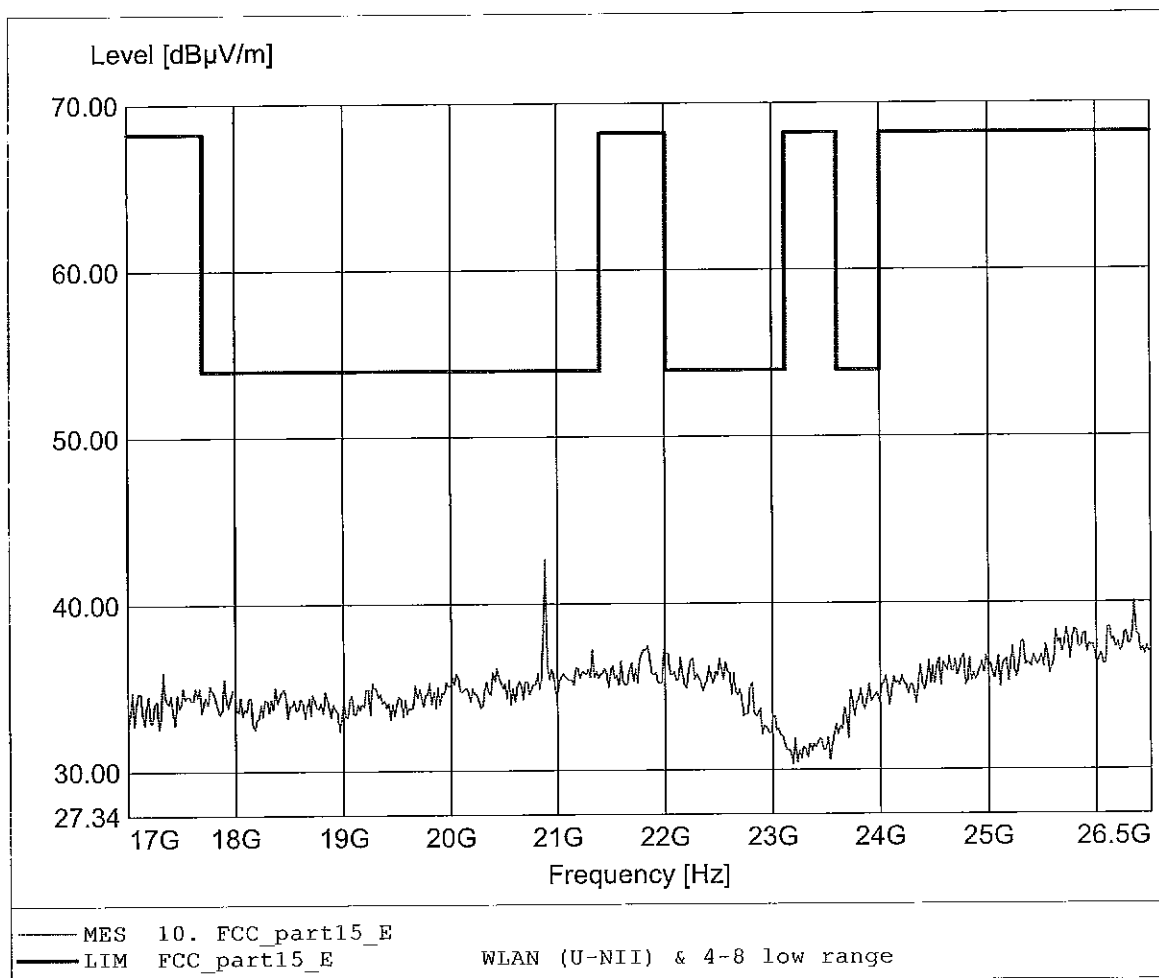
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.647GHz, Emax: 49.79dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

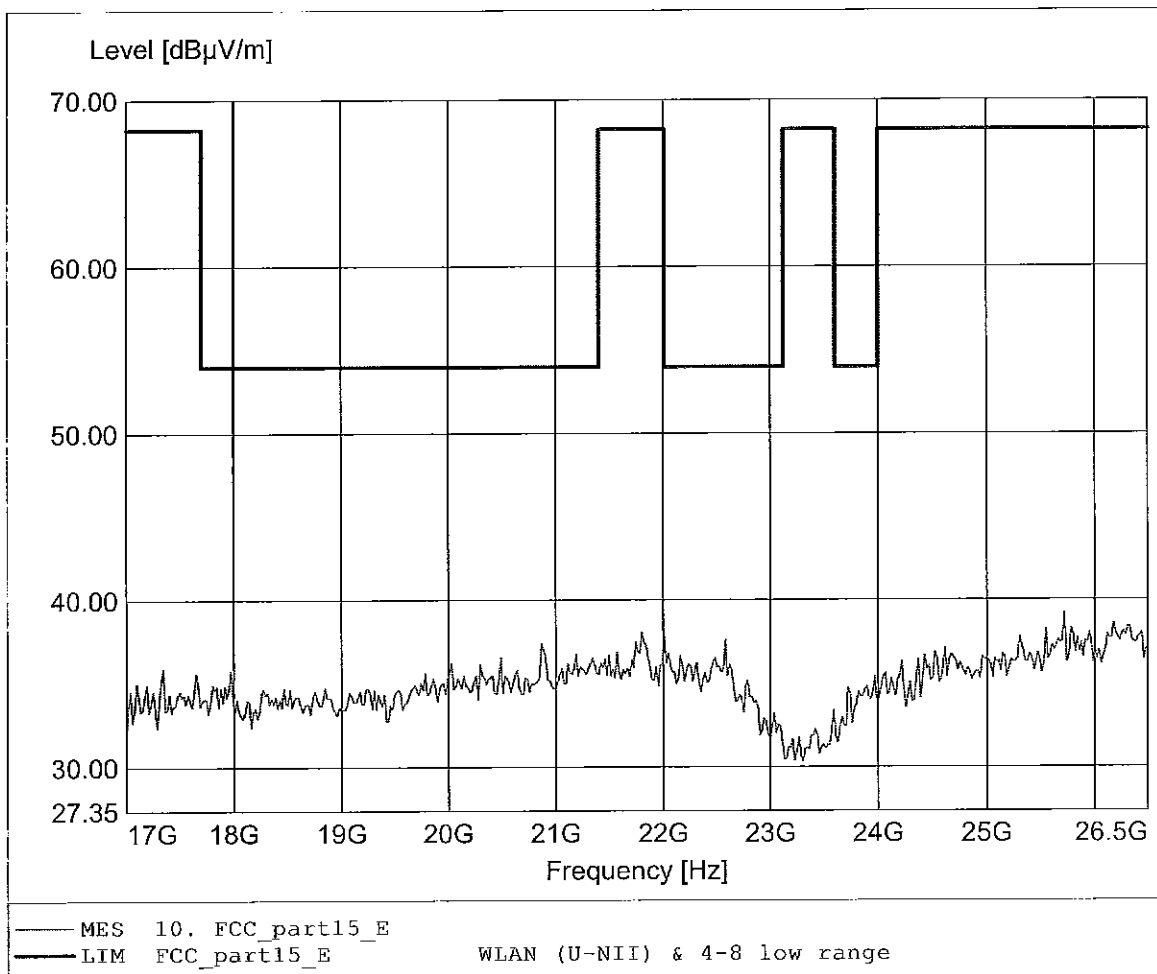
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 20.884GHz, Emax: 42.69dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

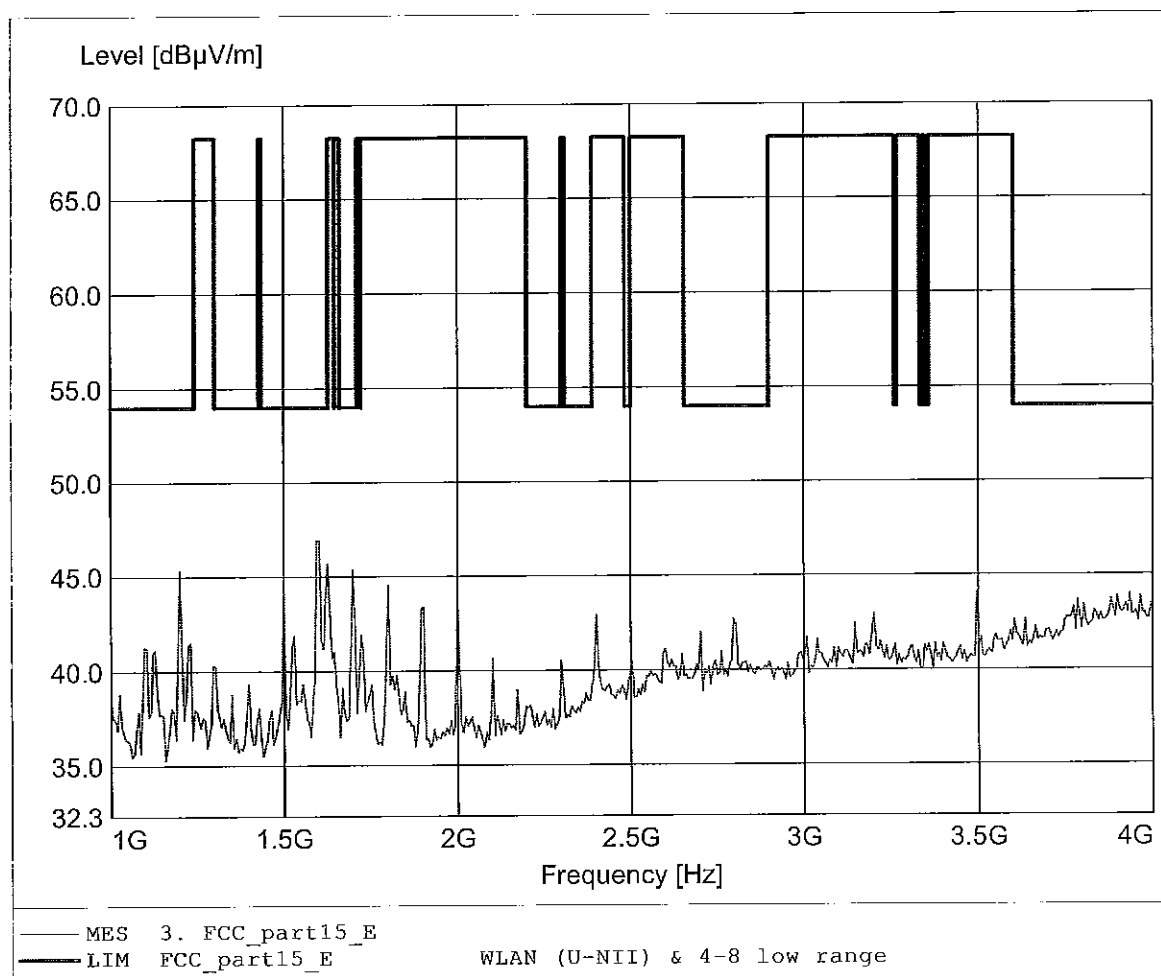
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5220 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 25.719GHz, Emax: 39.18dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.595GHz, Emax: 46.92dBpV/m, RBW: 1MHz

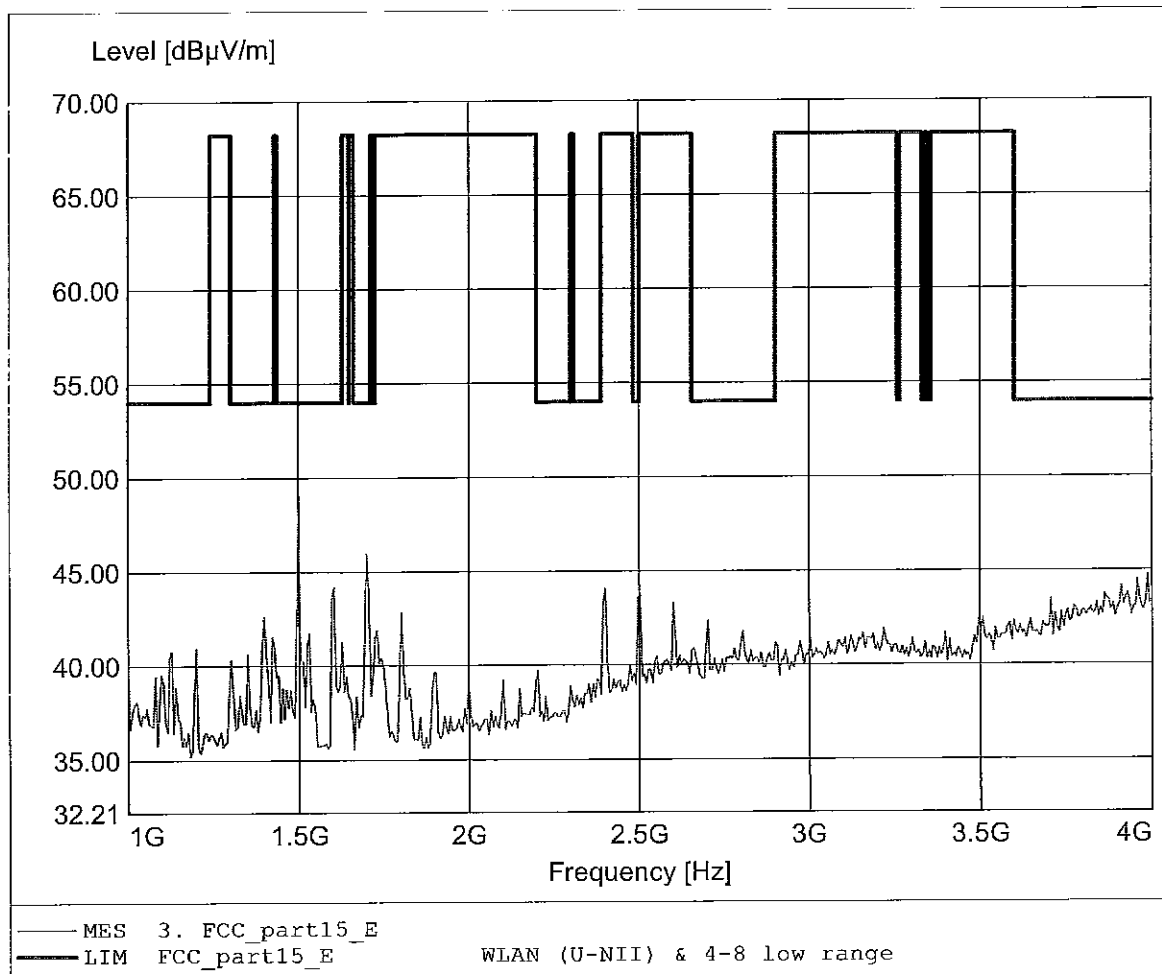




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

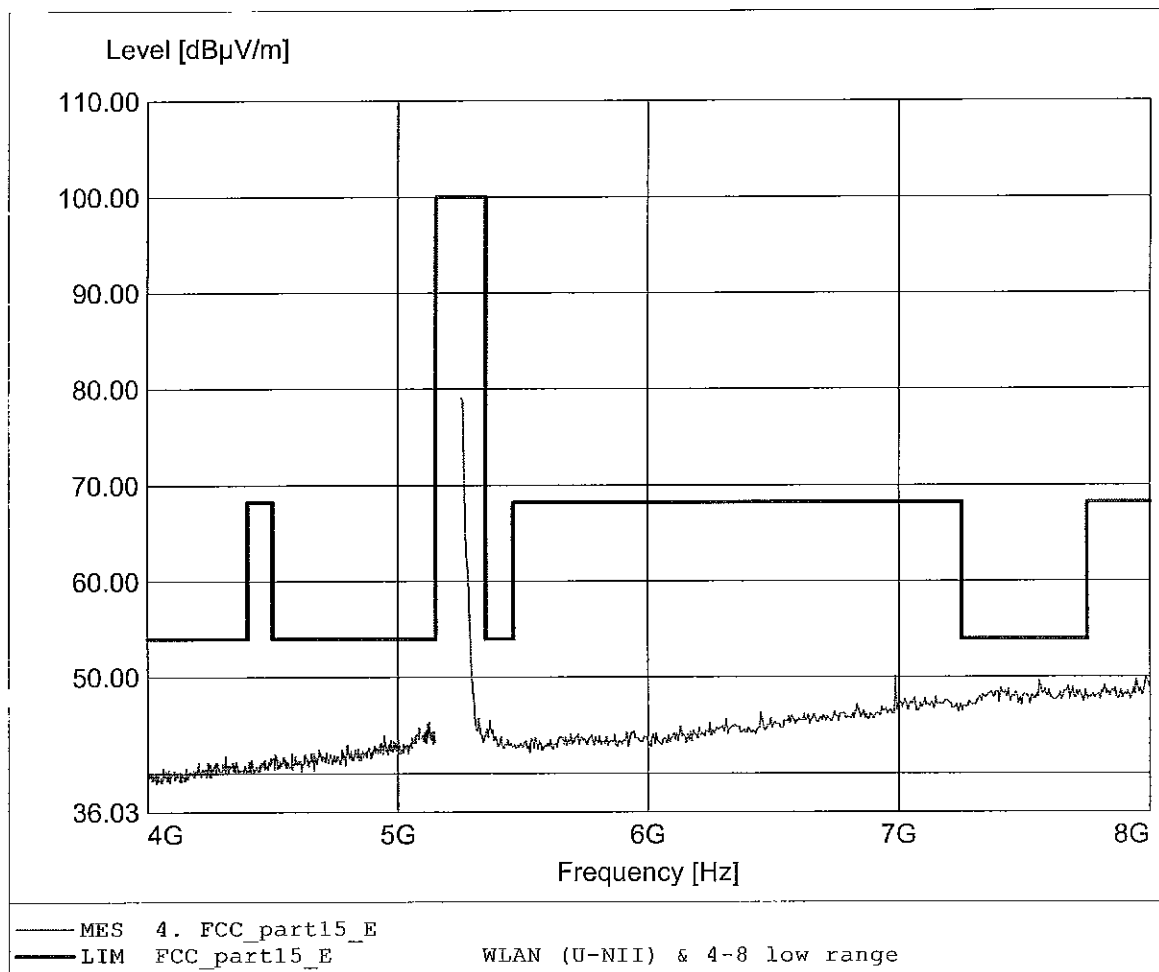
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.499GHz, Emax: 47.60dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART E

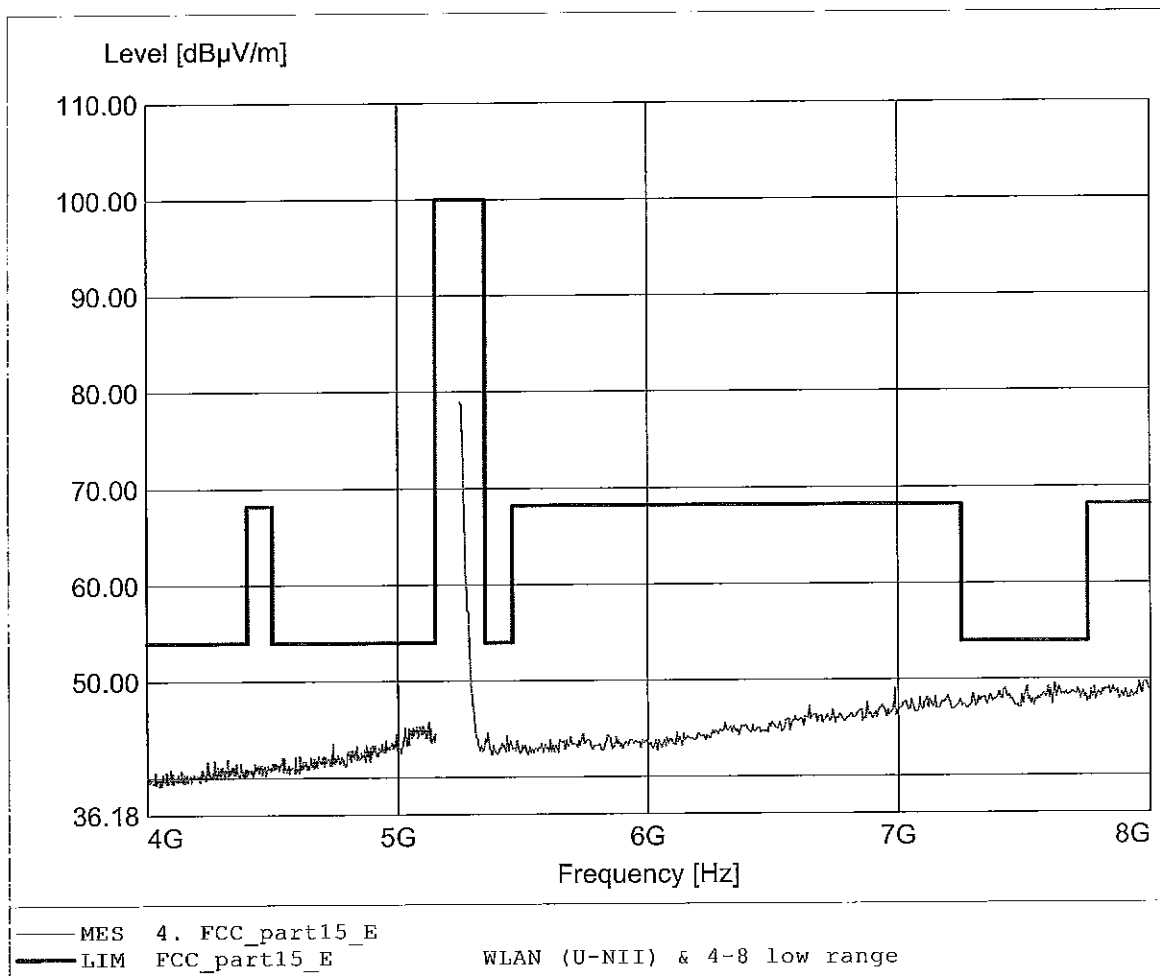
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.250GHz, Emax: 79.05dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

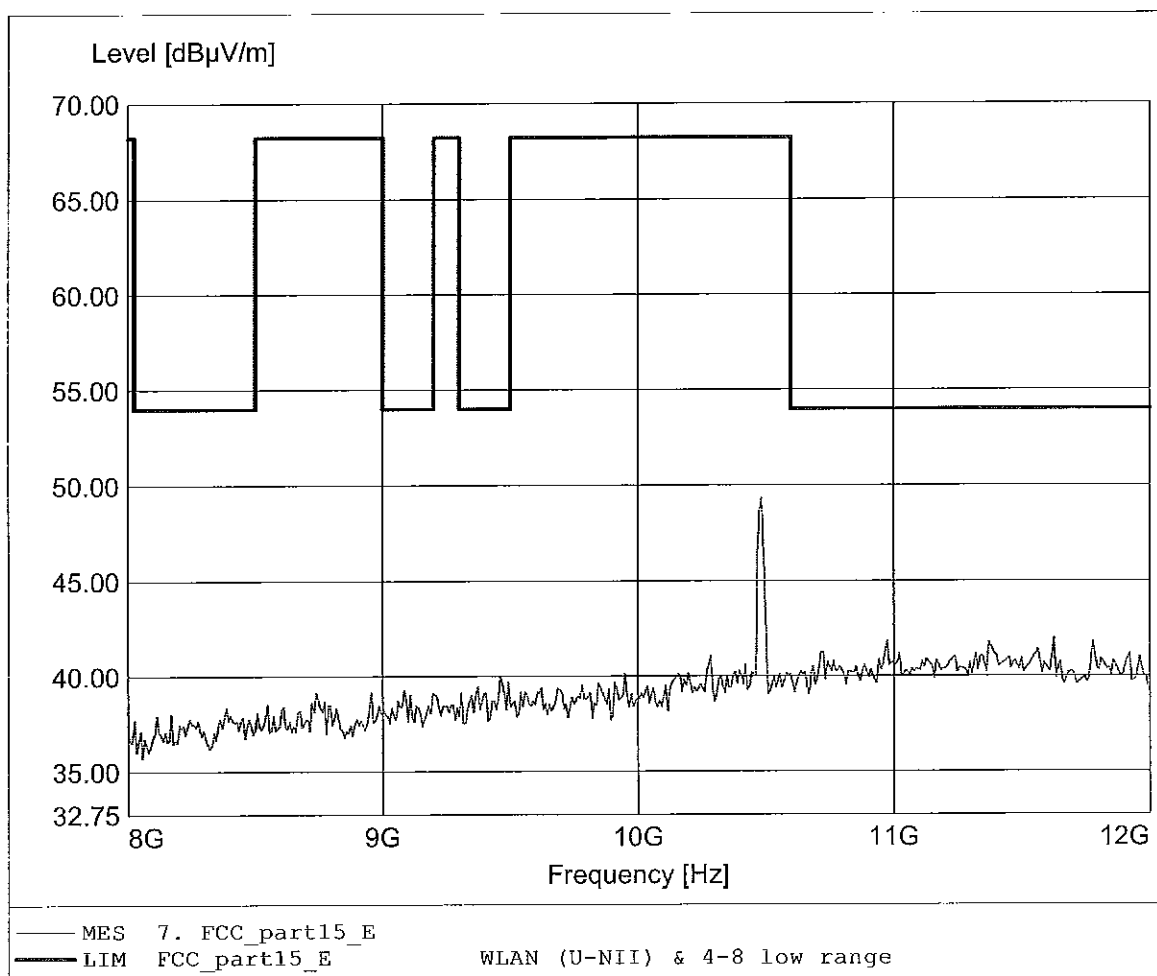
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.250GHz, Emax: 78.94dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

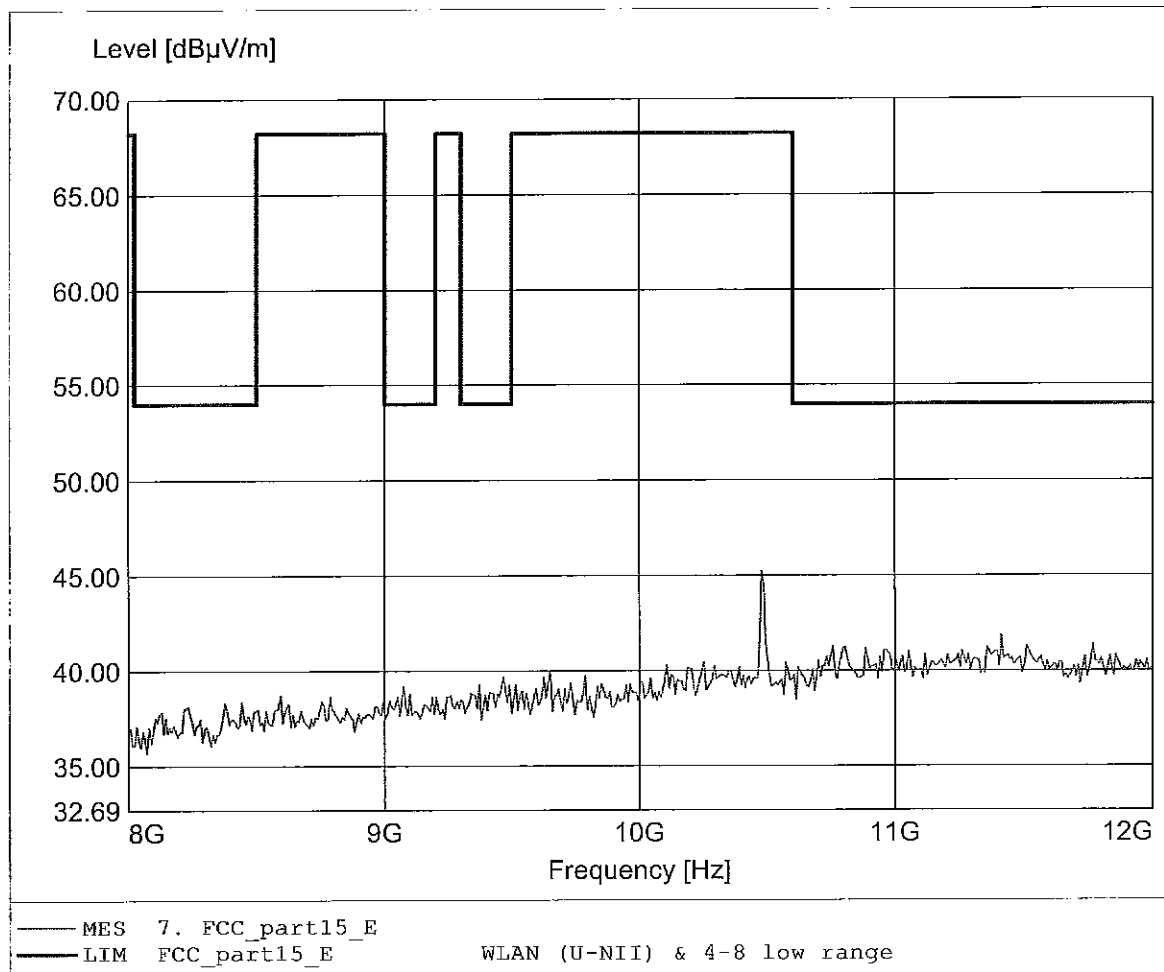
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.485GHz, Emax: 49.34dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

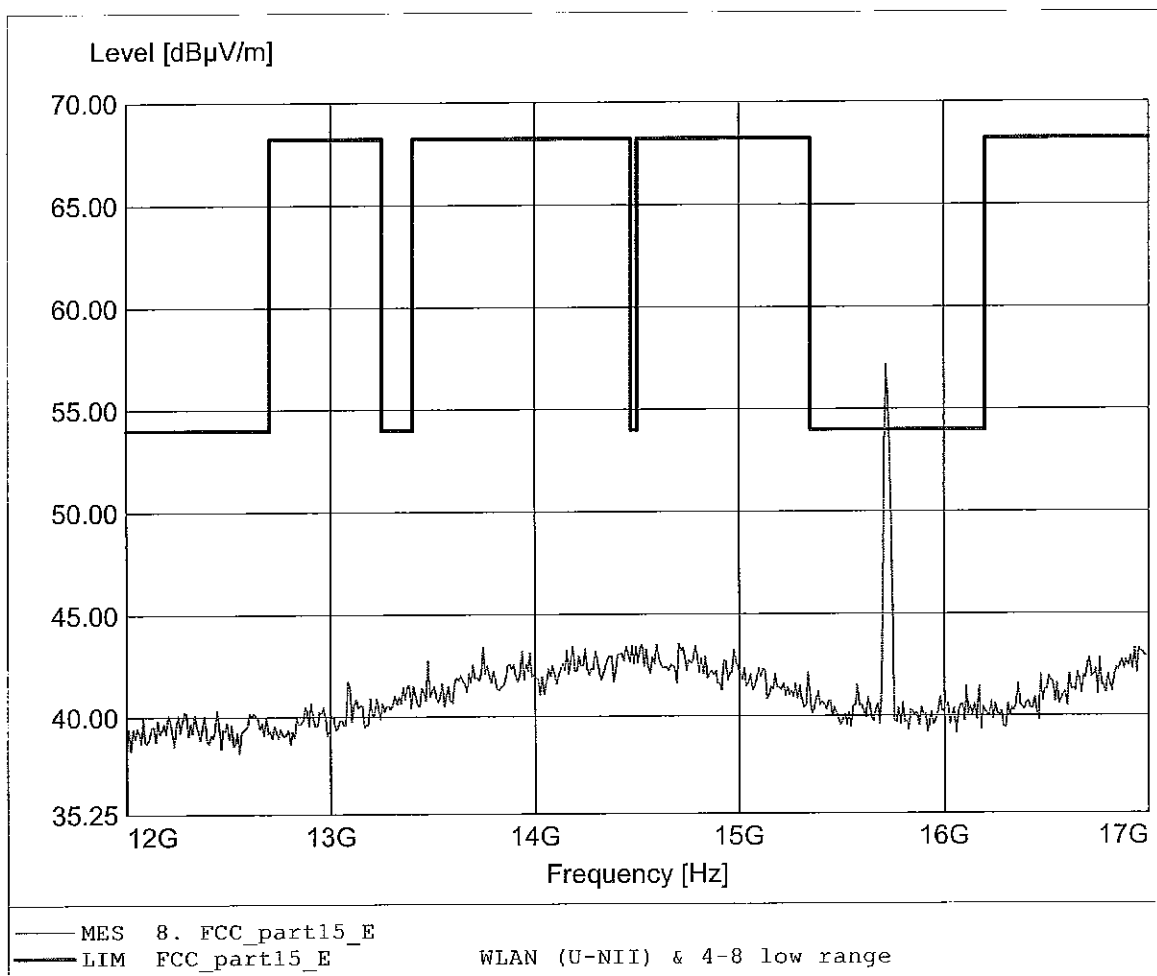
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.477GHz, Emax: 45.24dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

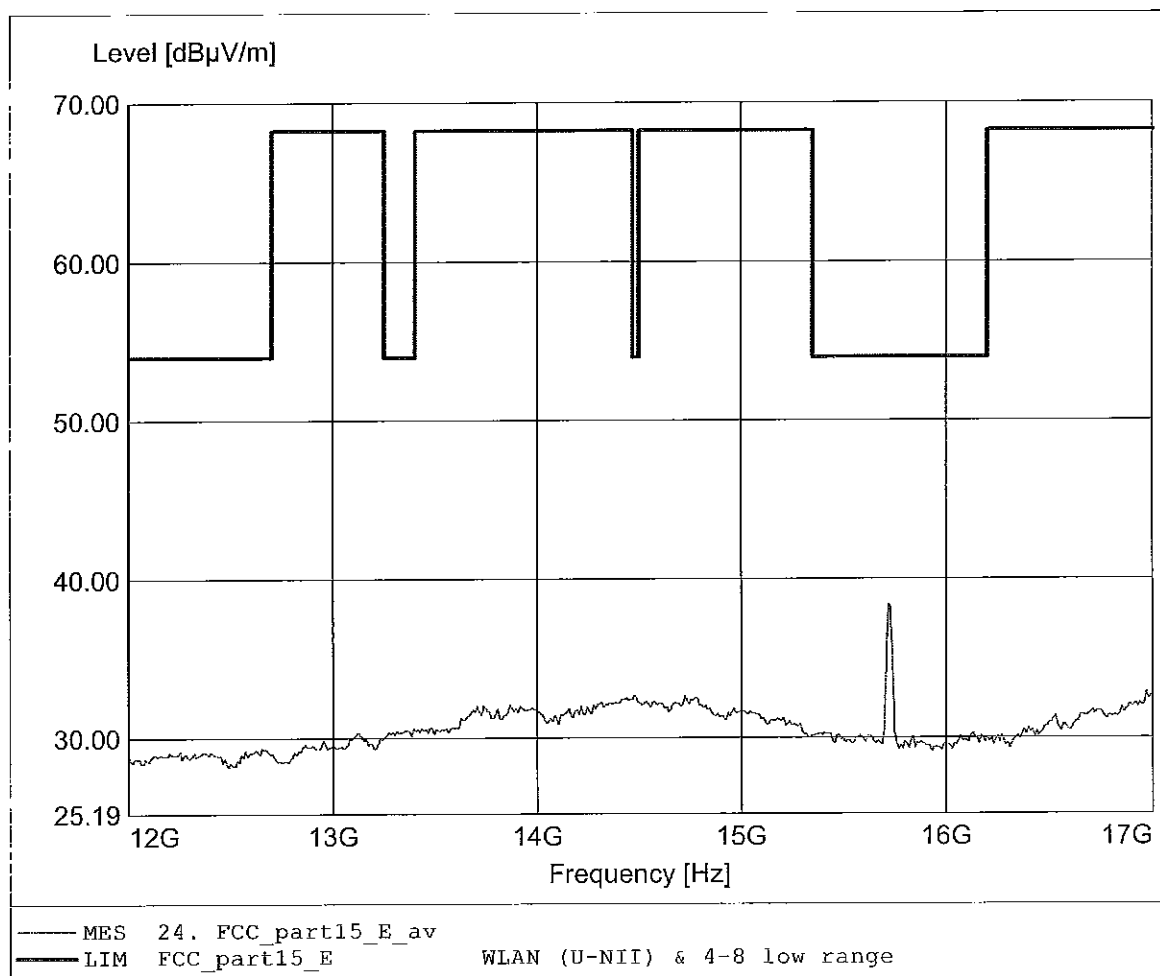
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.717GHz, Emax: 57.18dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

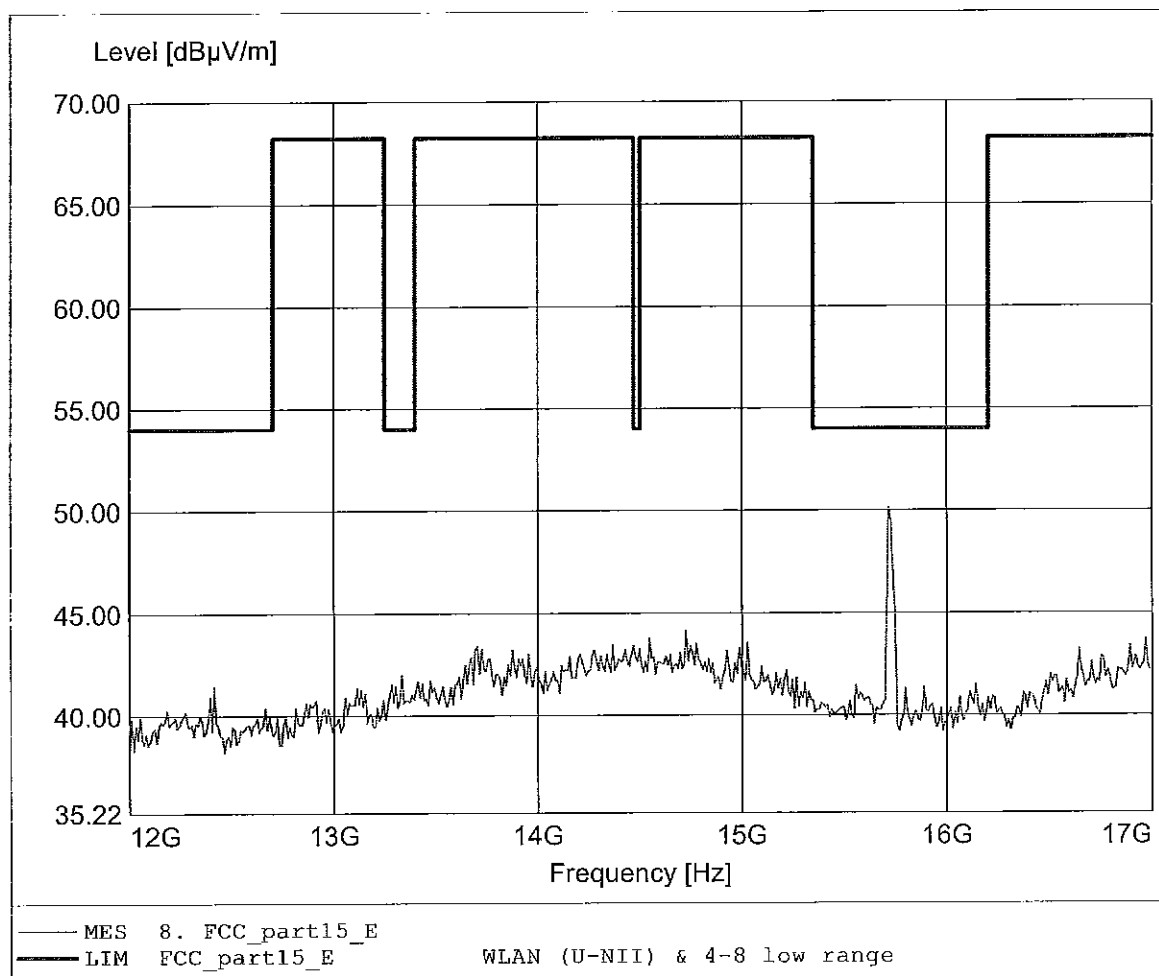
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.717GHz, Emax: 38.39dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.717GHz, Emax: 50.18dBμV/m, RBW: 1MHz

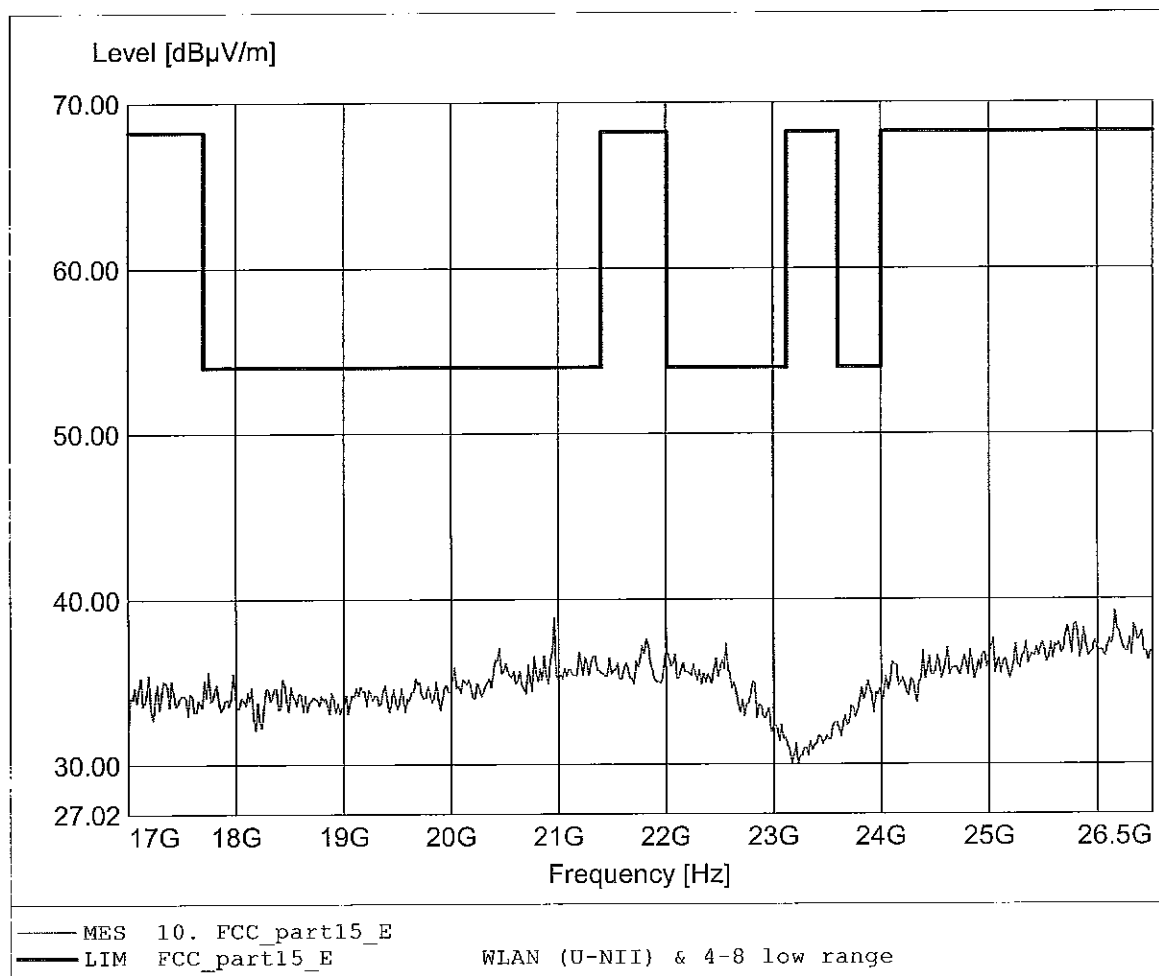




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

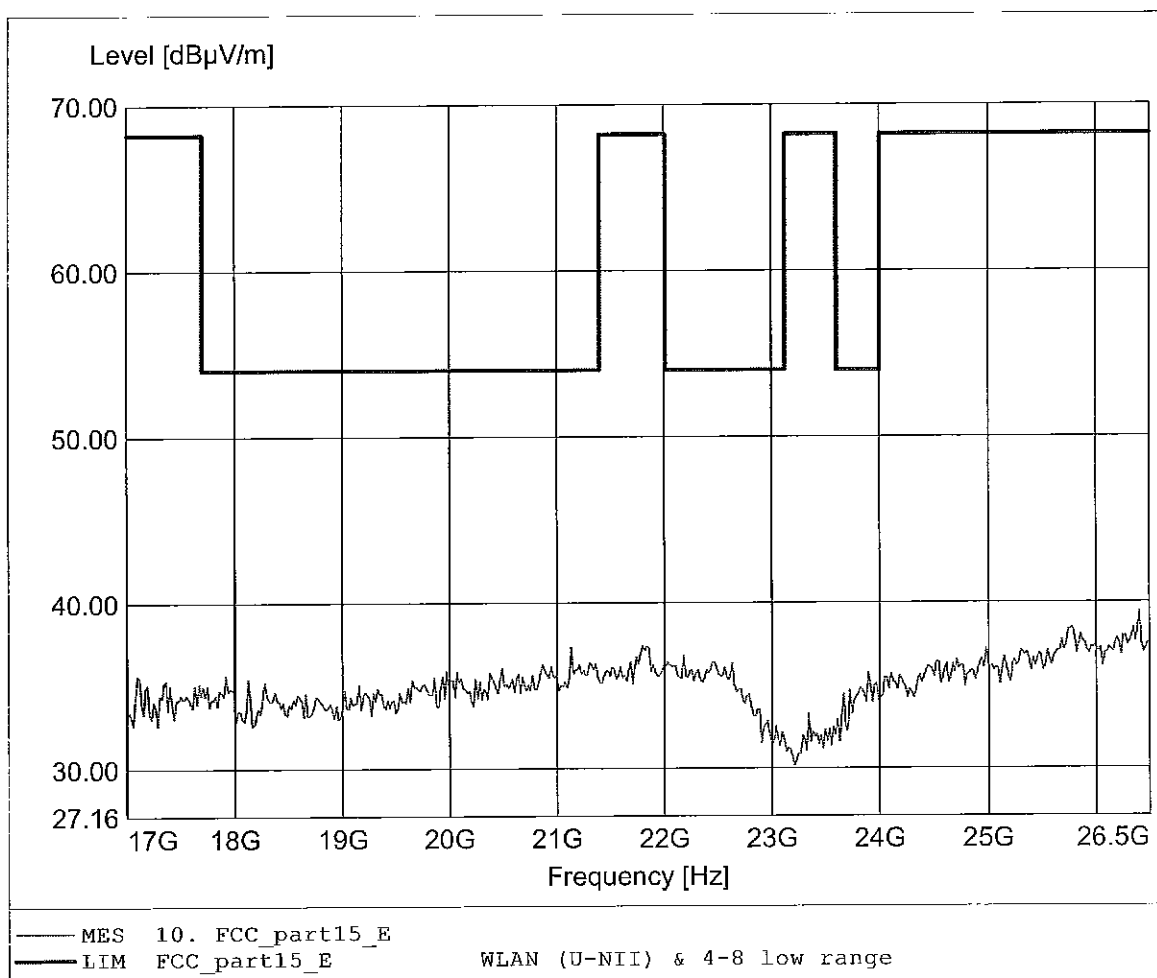
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.157GHz, Emax: 39.29dBpV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

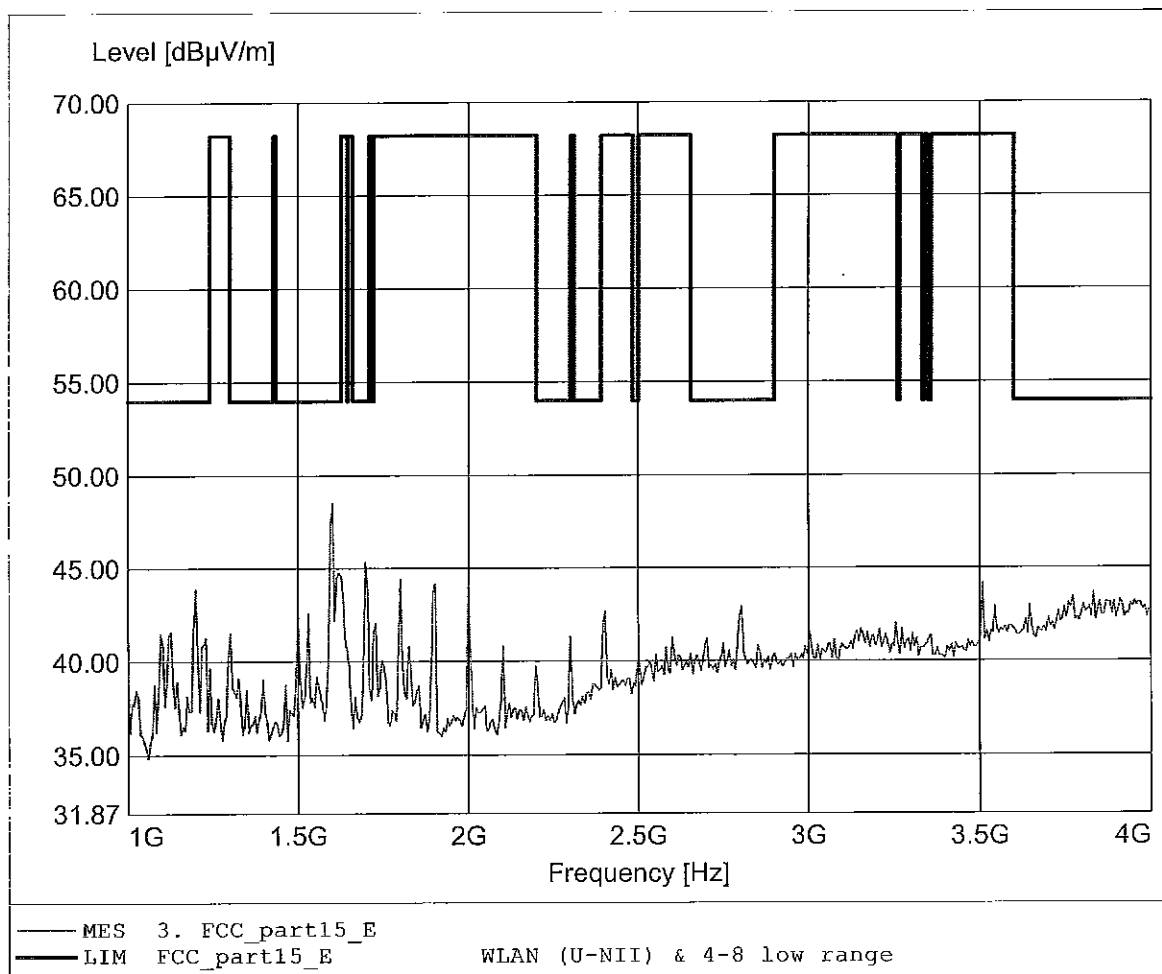
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5240 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.405GHz, Emax: 39.45dBpV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

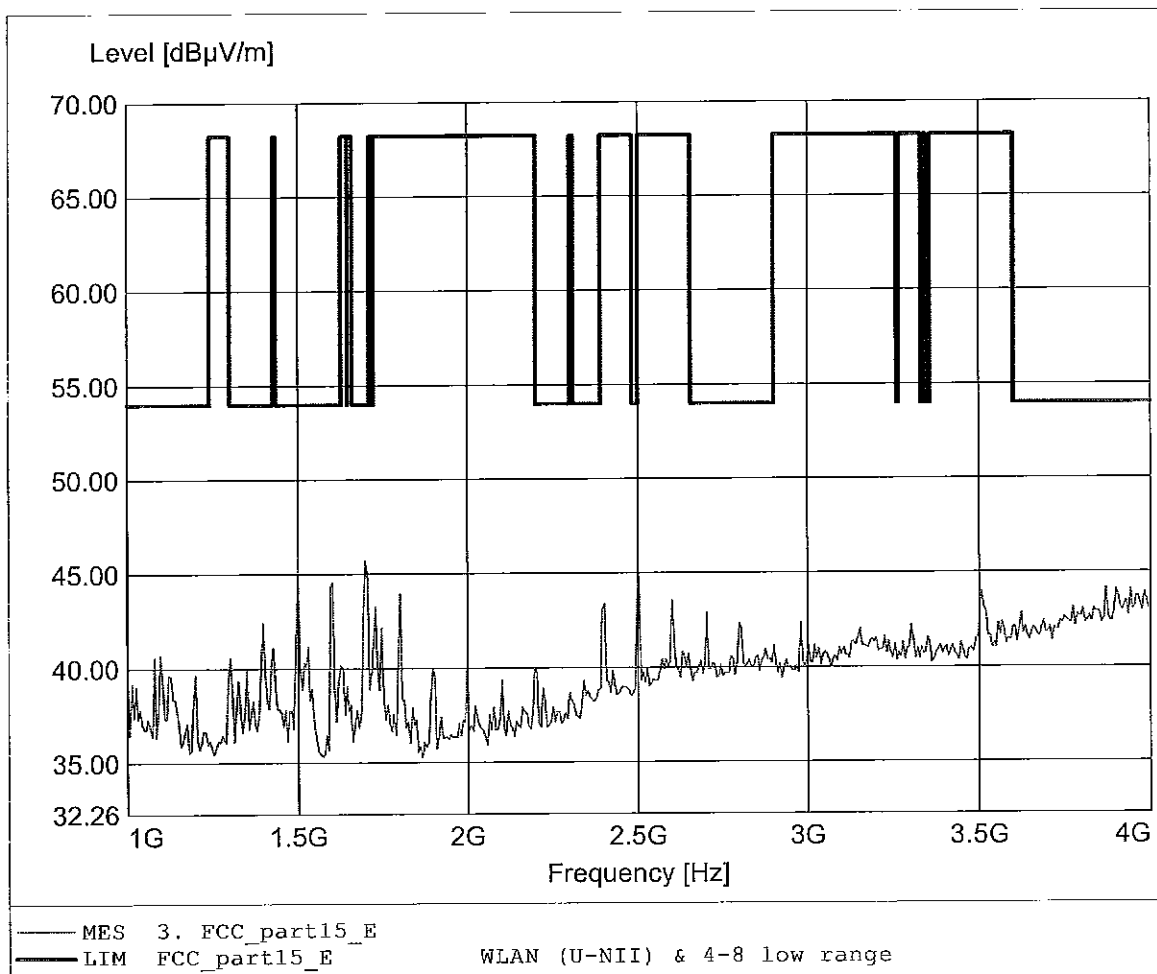
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.601GHz, Emax: 48.51dBuV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

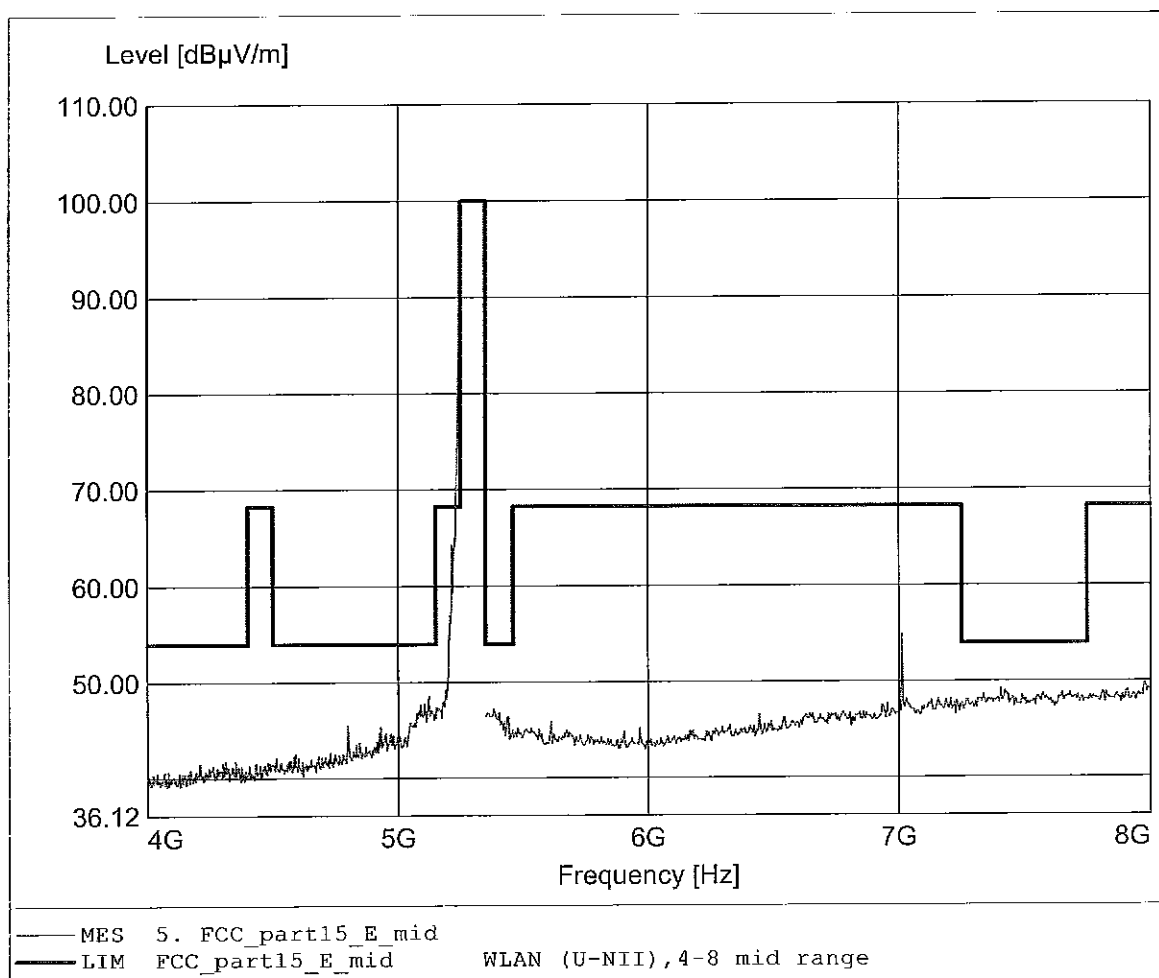
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.499GHz, Emax: 46.02dBuV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

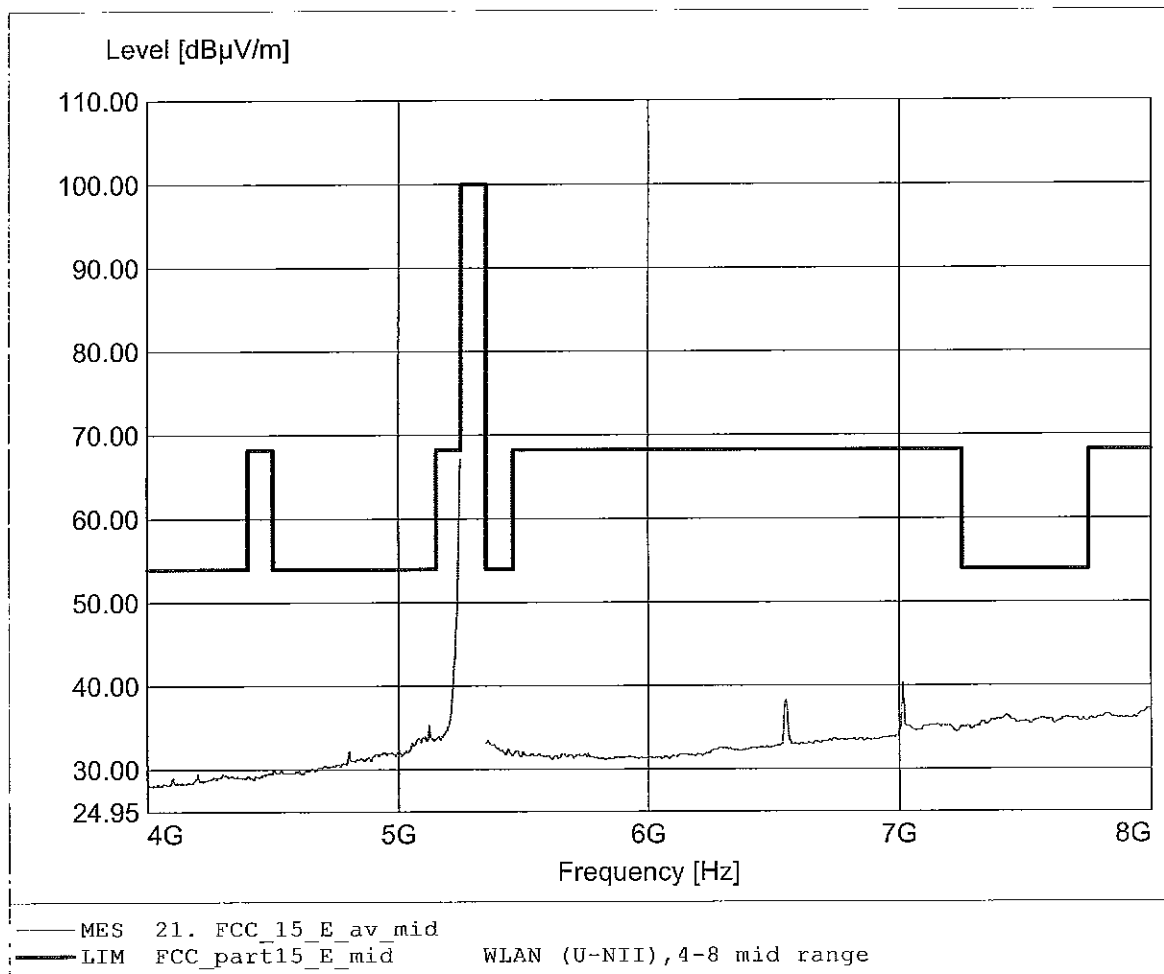
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.250GHz, Emax: 88.45dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

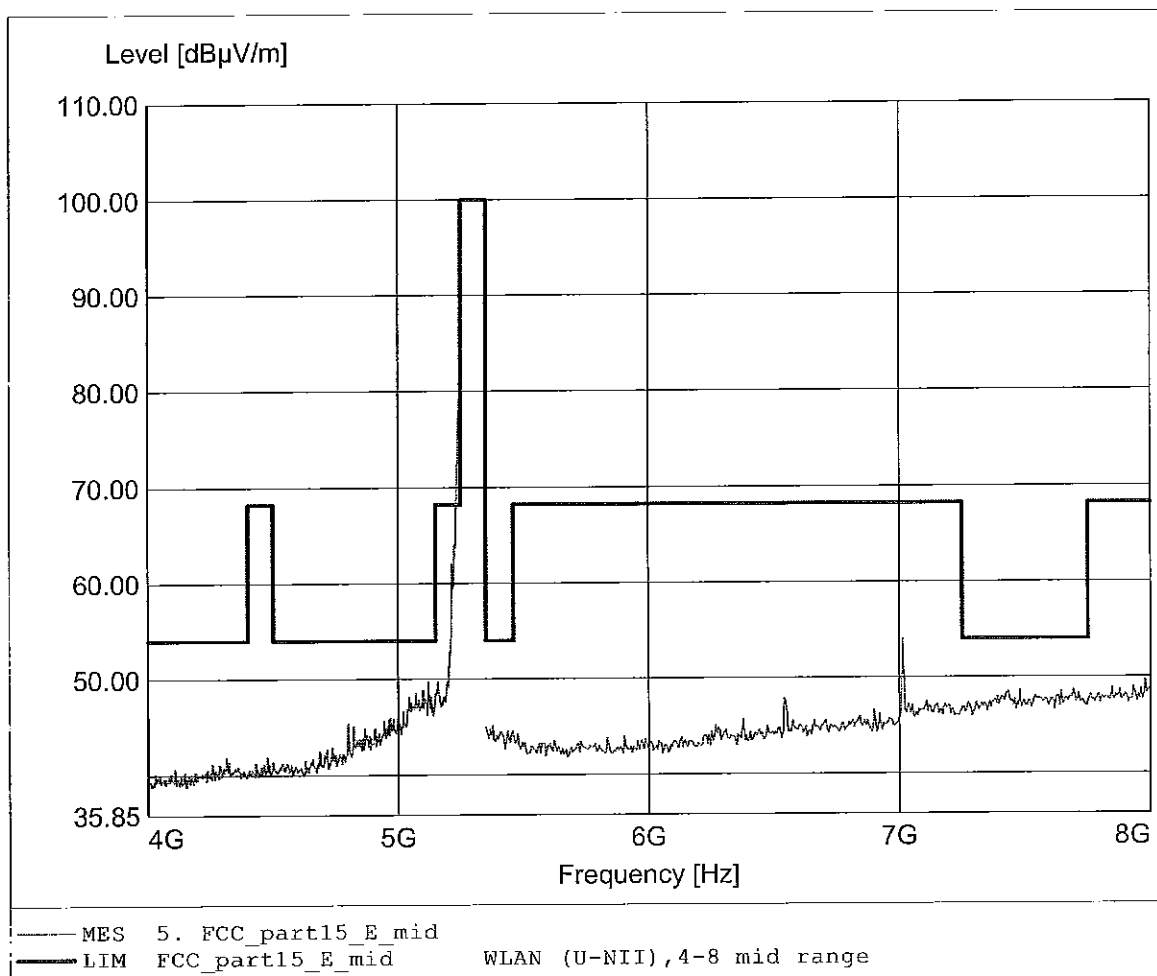
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.247GHz, Emax: 67.06dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

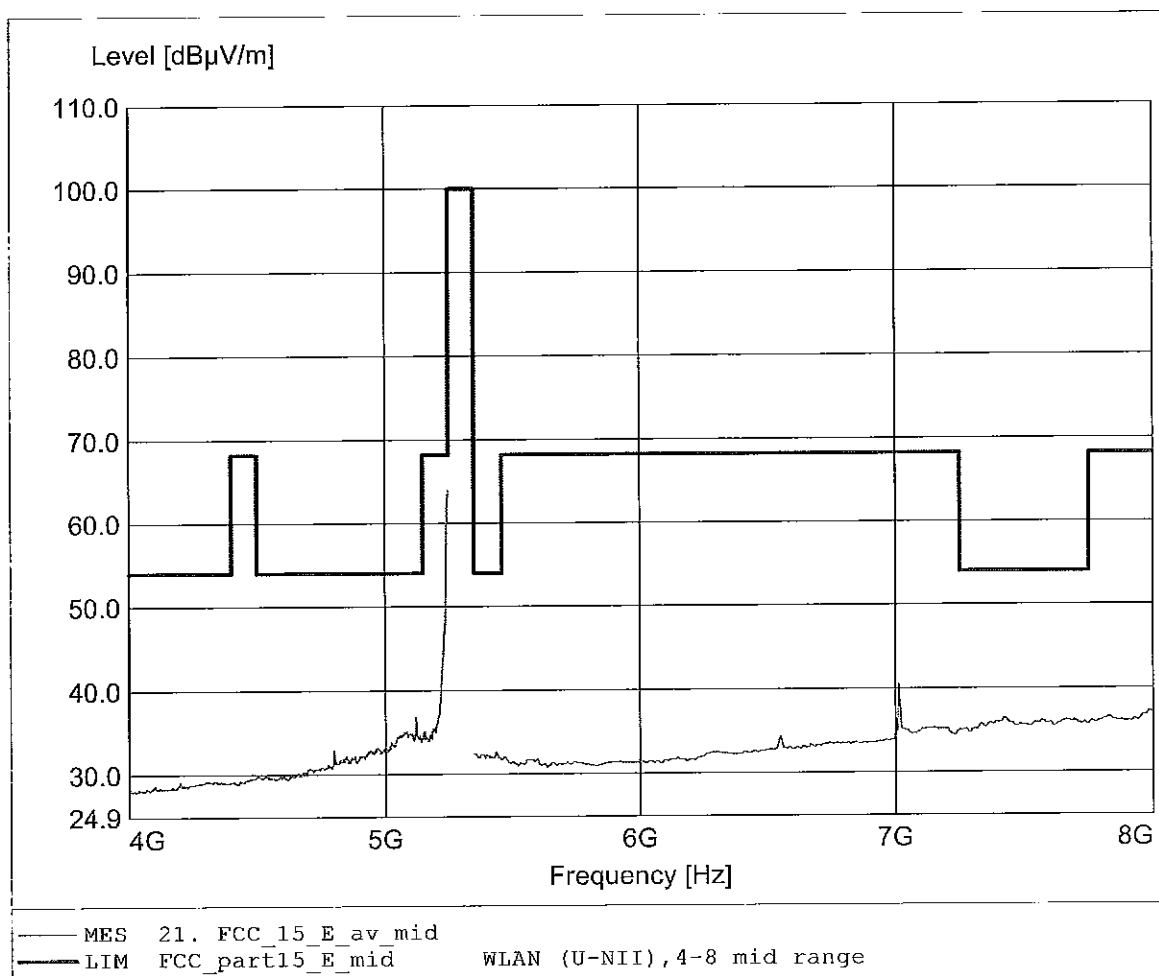
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.245GHz, Emax: 79.04dBpV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.247GHz, Emax: 64.03dBμV/m, RBW: 1MHz

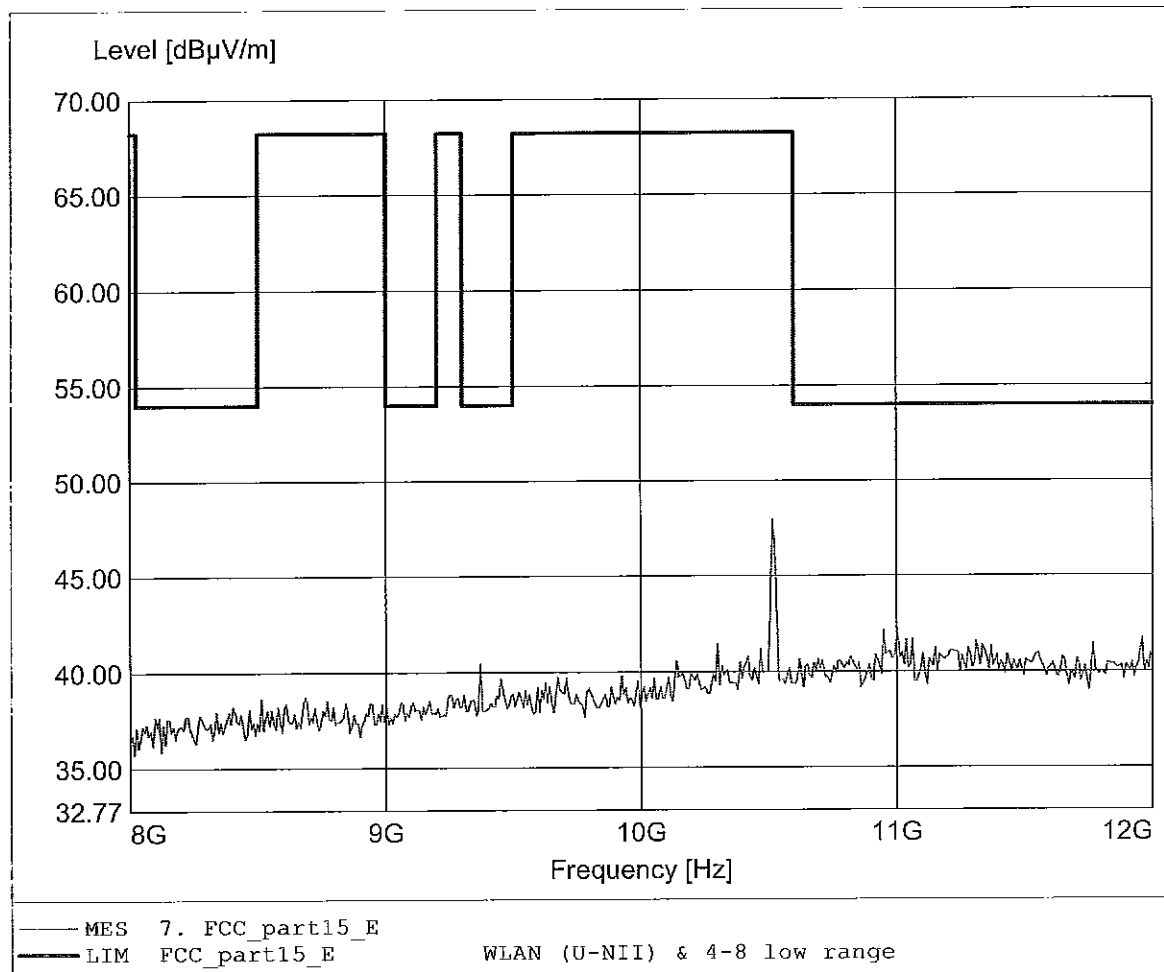




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

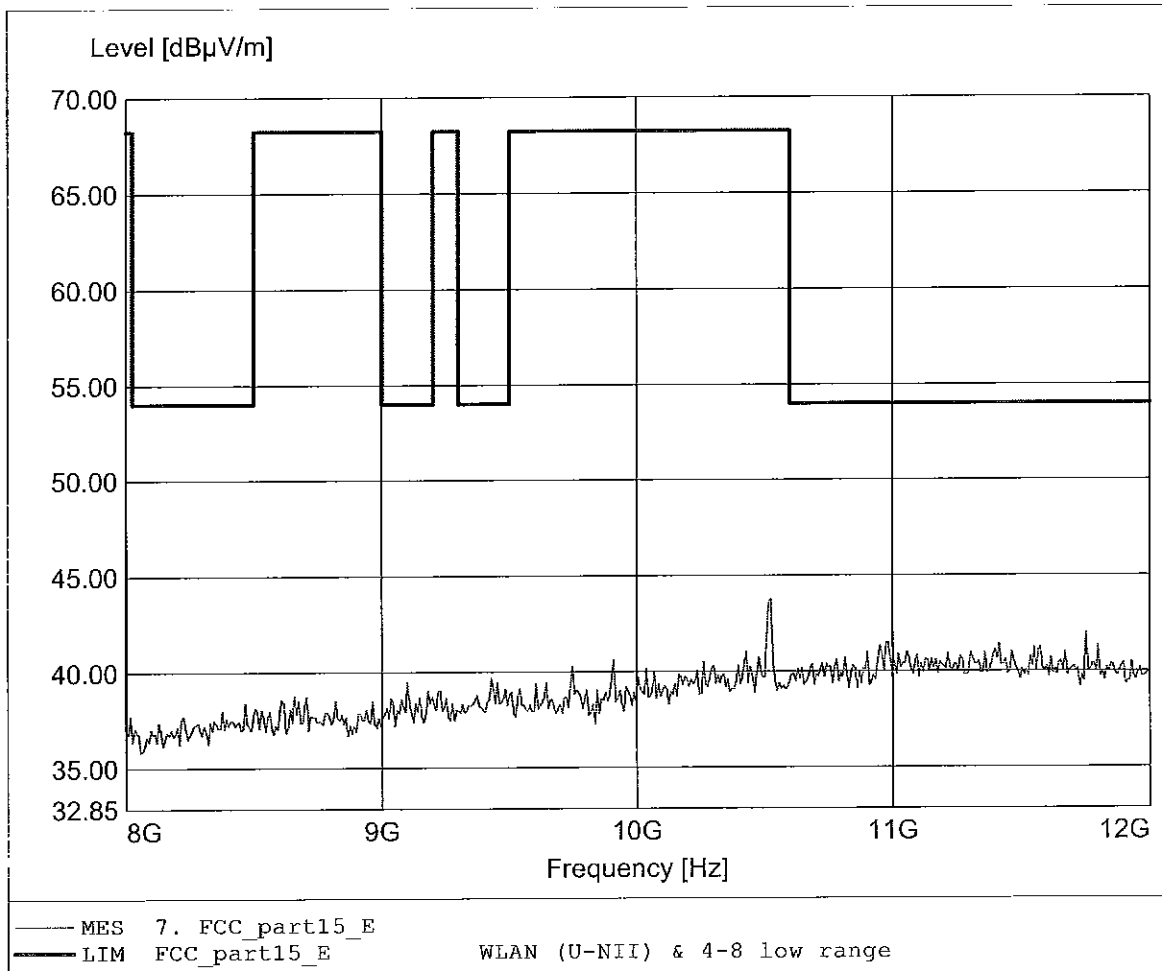
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.517GHz, Emax: 47.96dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

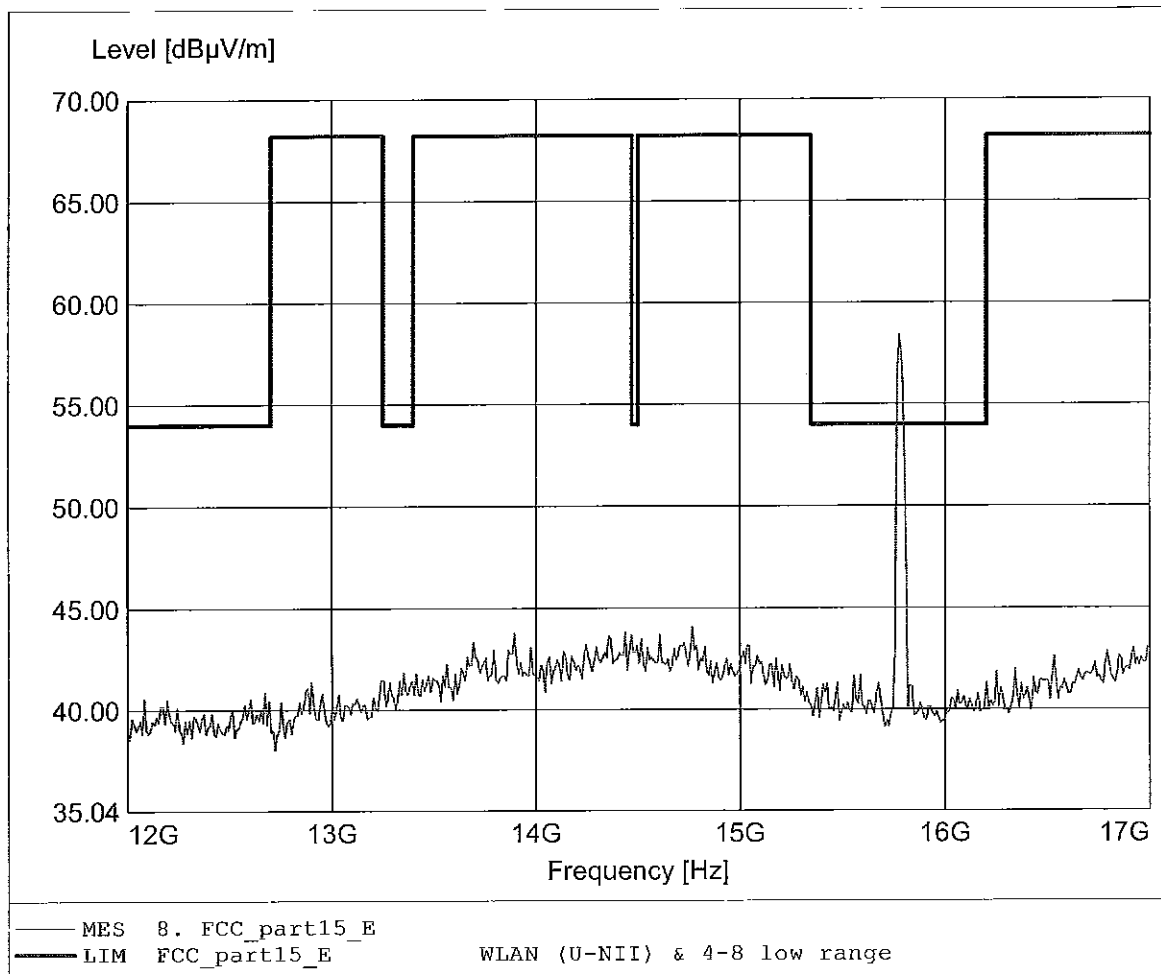
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.525GHz, Emax: 43.78dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

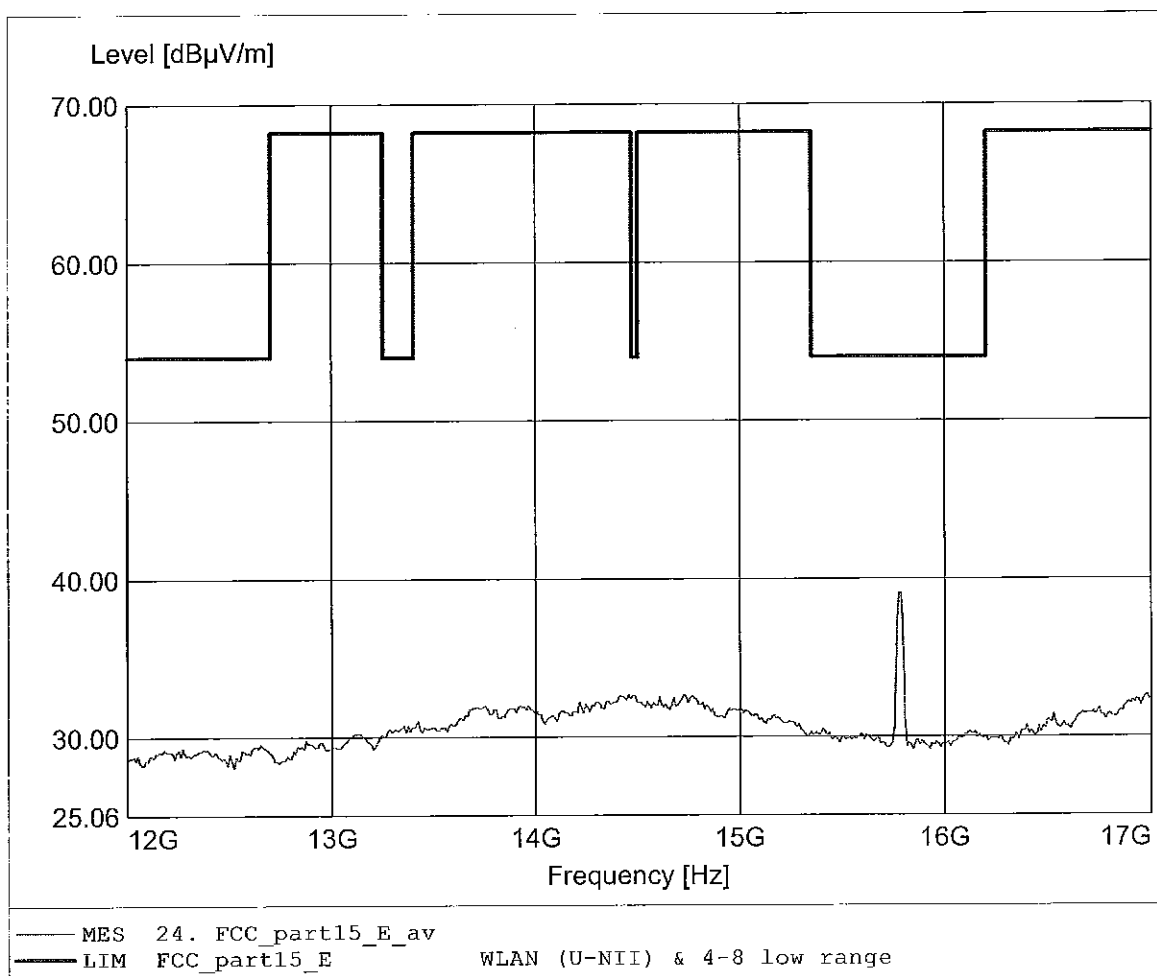
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.778GHz, Emax: 58.42dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

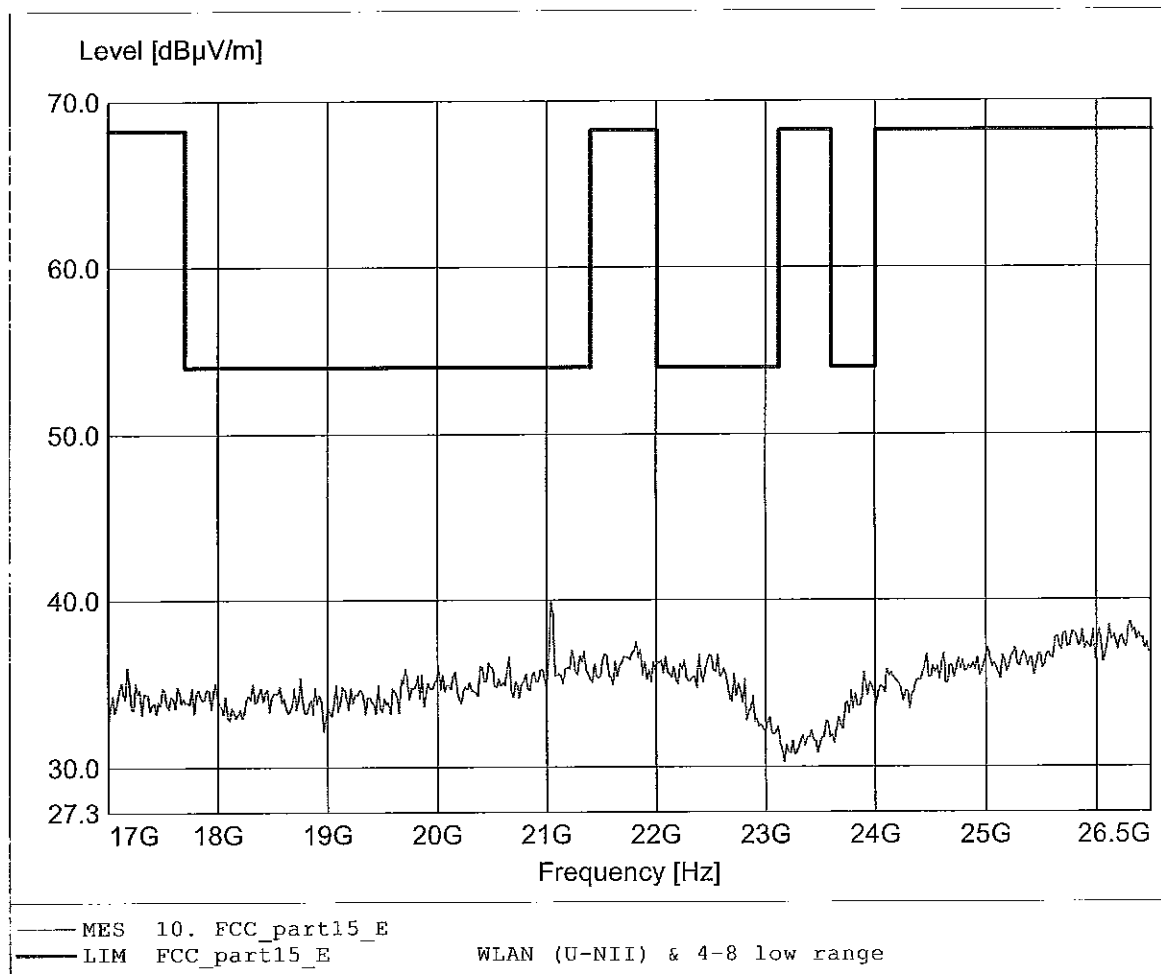
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 15.788GHz, Emax: 39.10dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

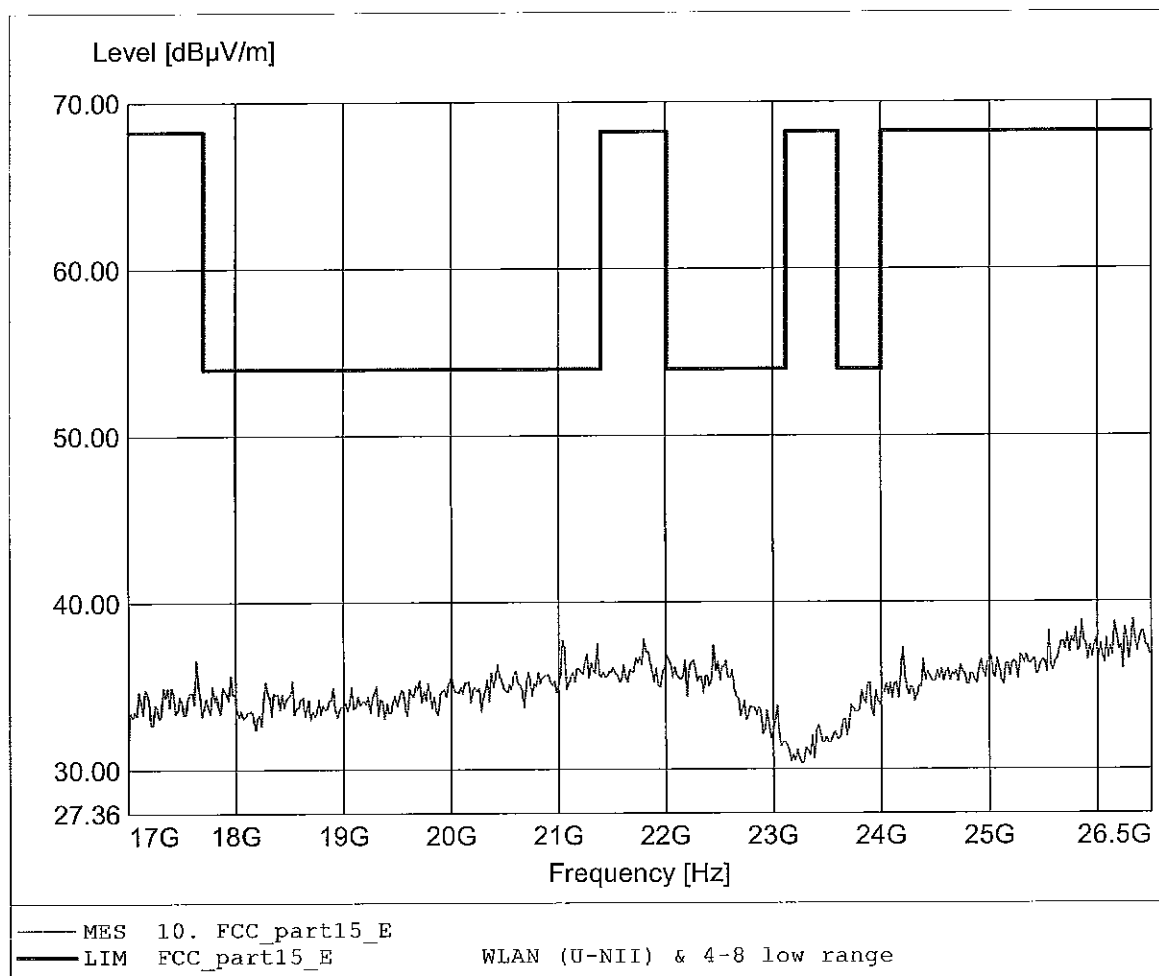
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 21.036GHz, Emax: 39.94dBuV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

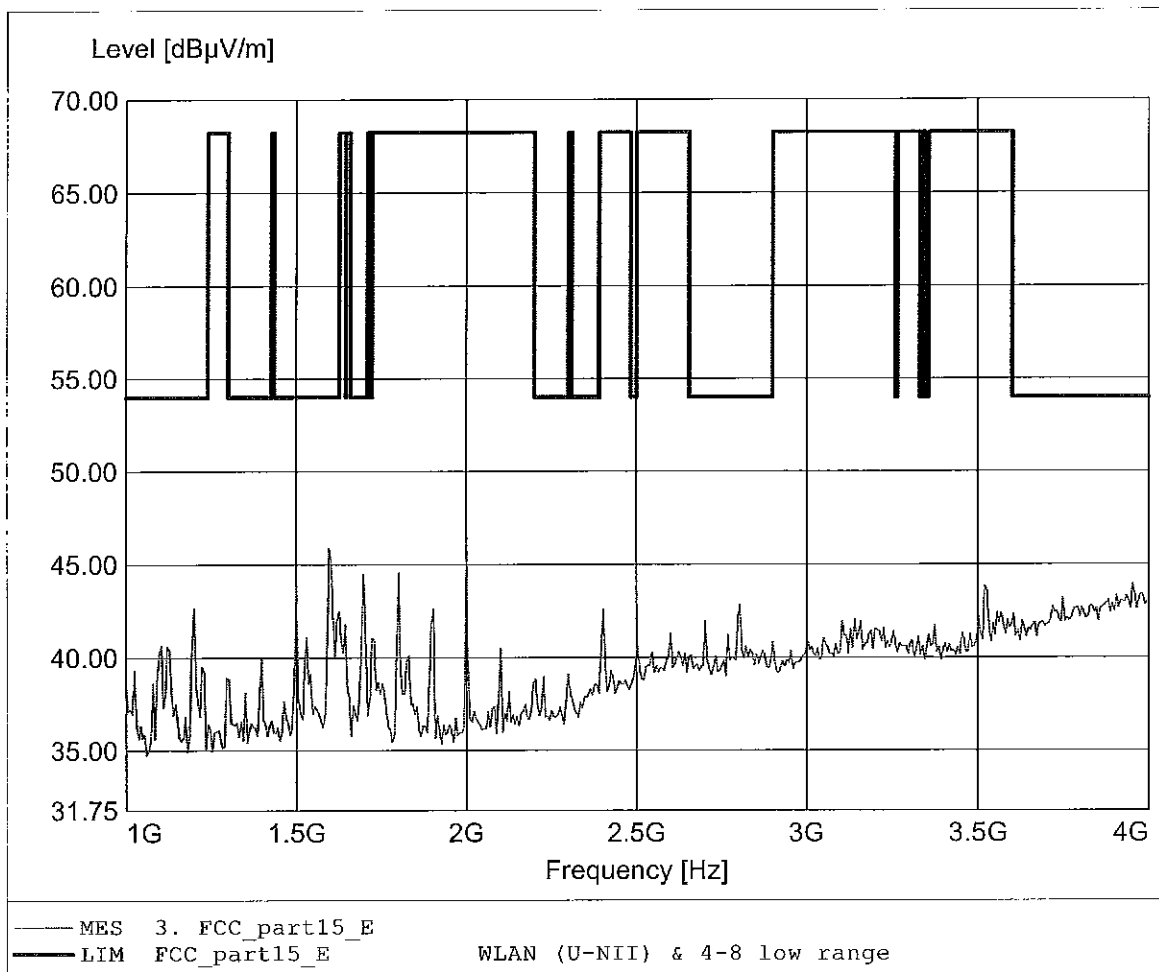
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5260 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 1m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.329GHz, Emax: 38.95dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

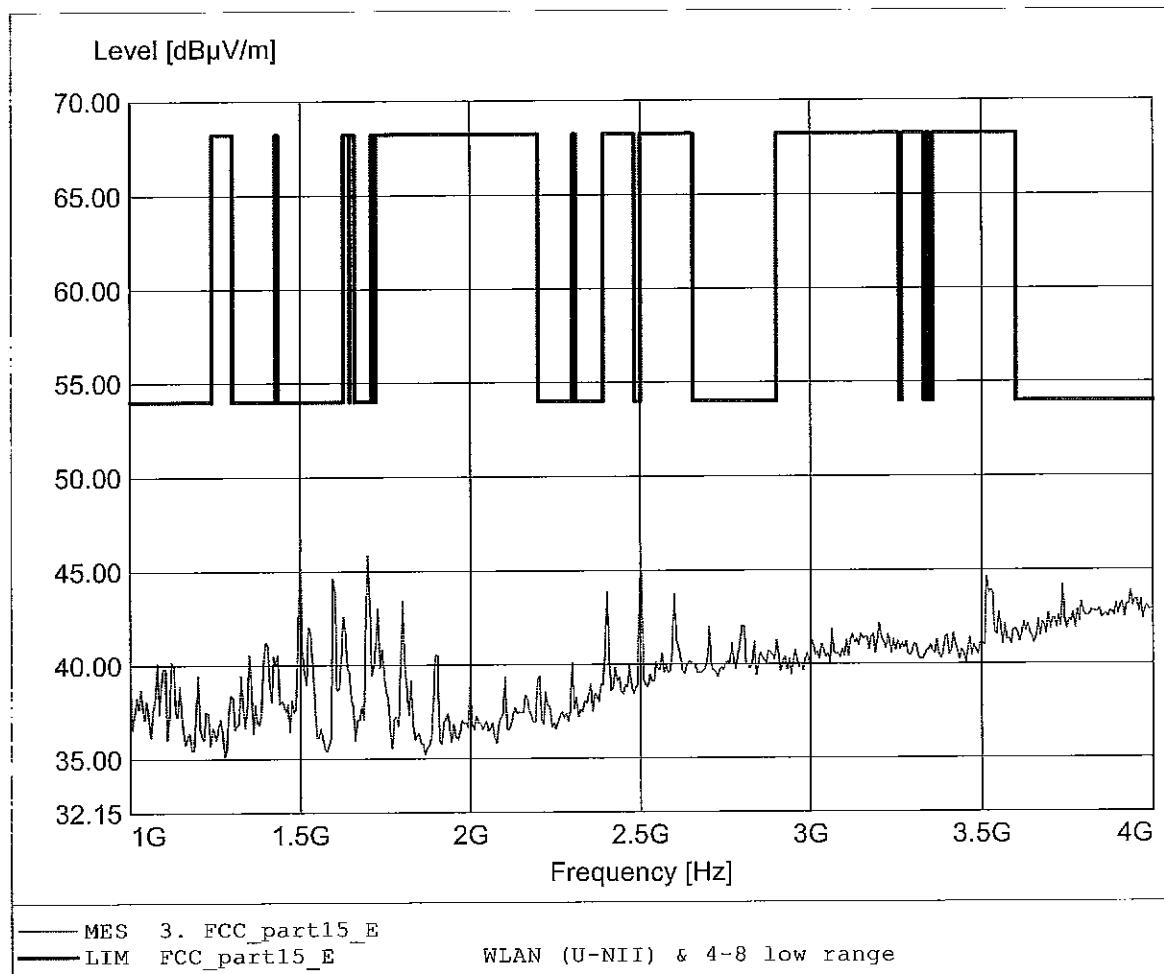
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5280 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.595GHz, Emax: 45.88dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5280 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.499GHz, Emax: 47.02dBµV/m, RBW: 1MHz

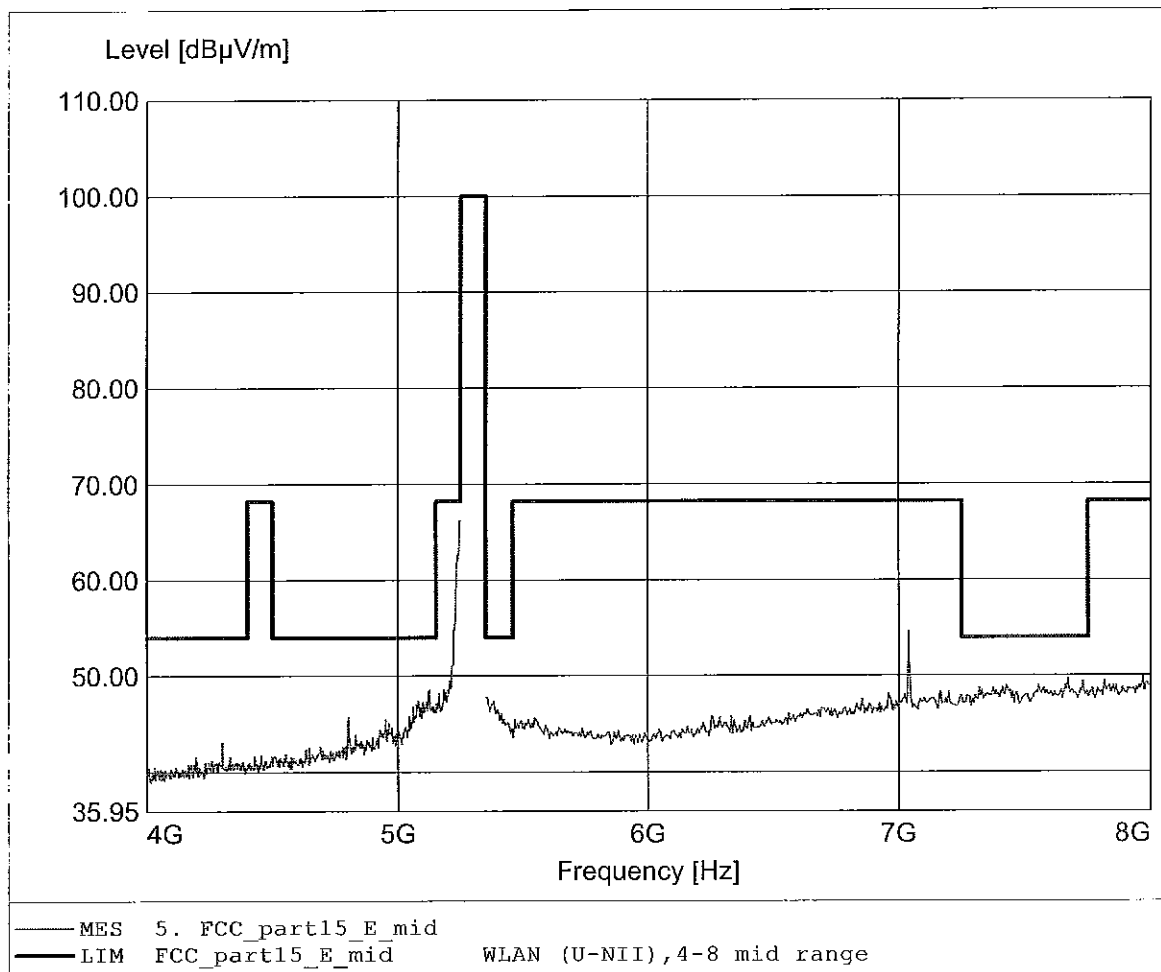




## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

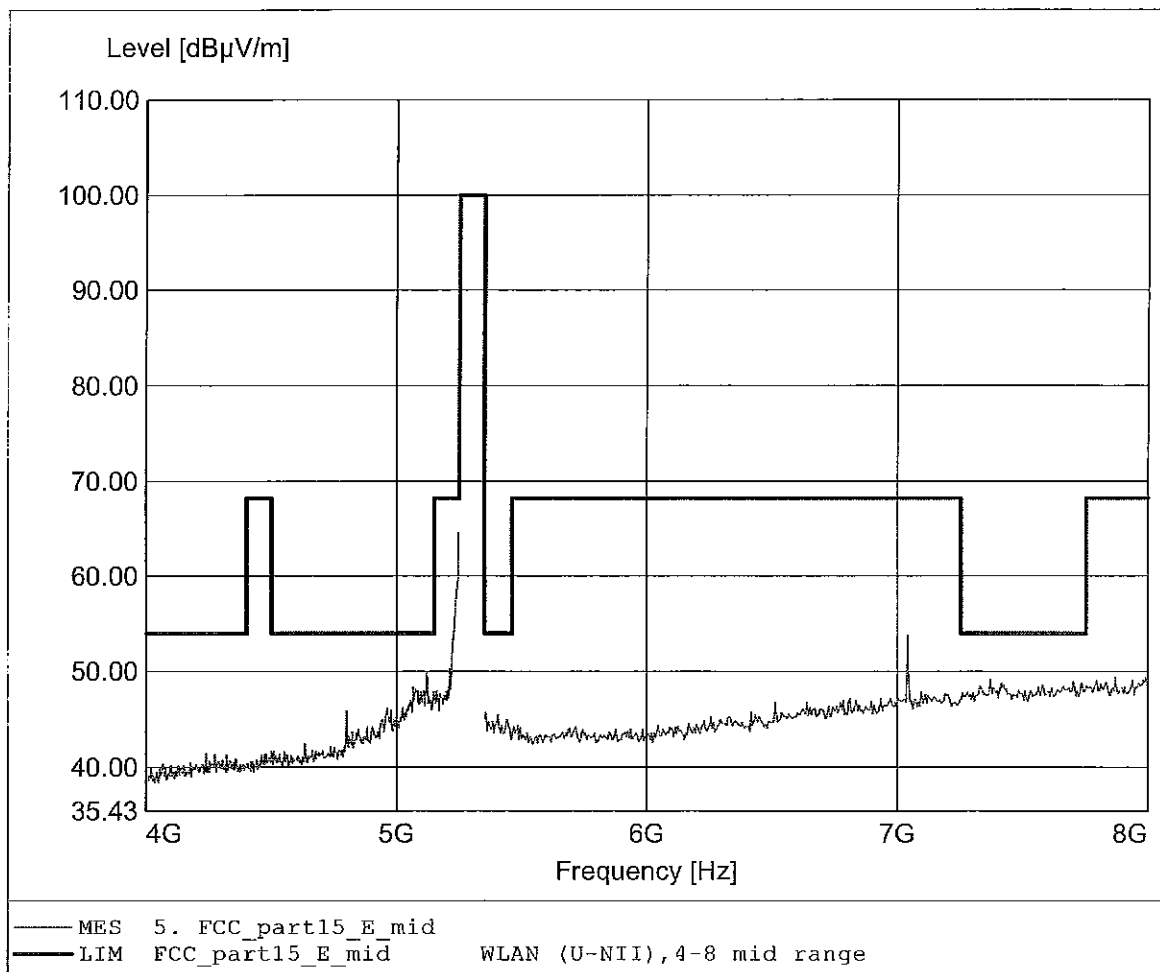
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5280 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.247GHz, Emax: 66.21dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

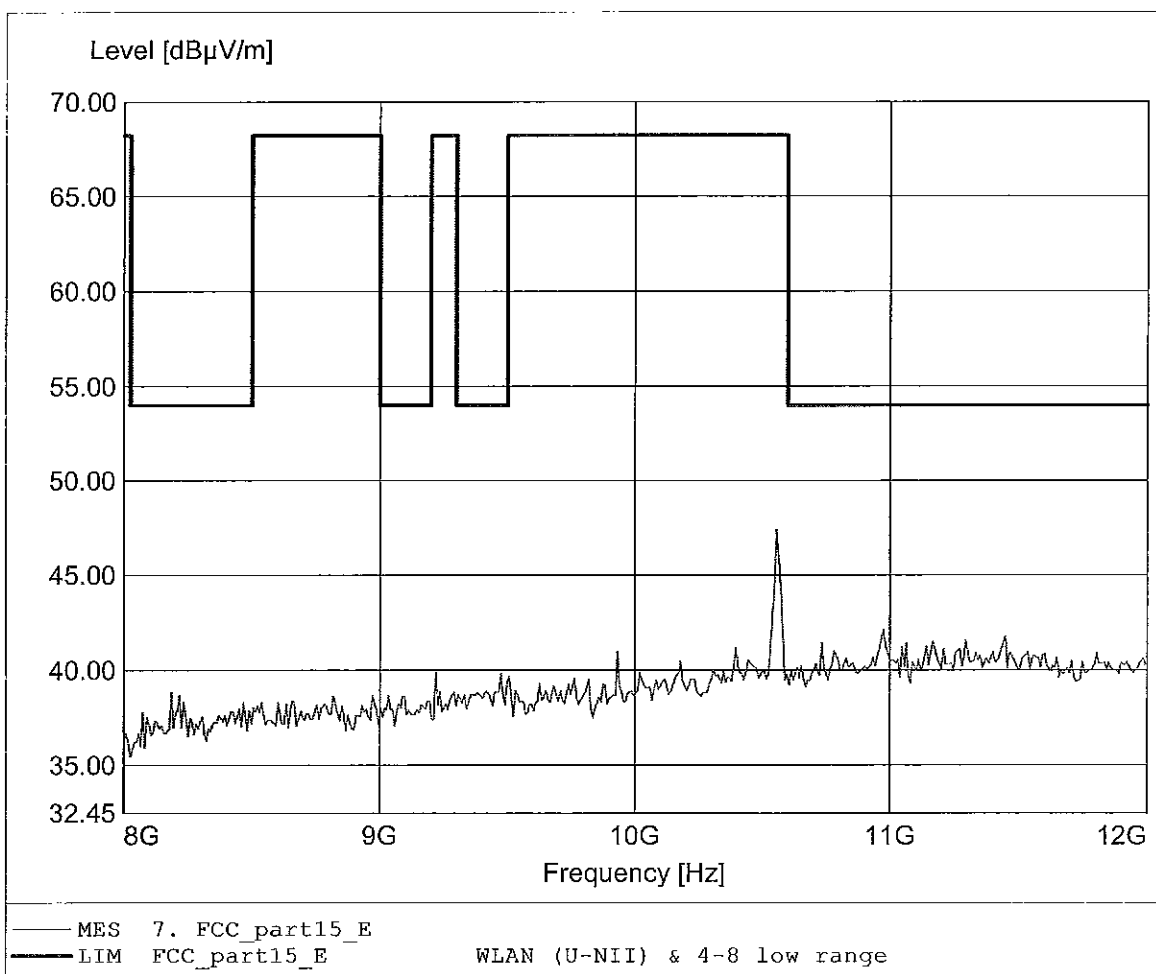
Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5280 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 5.245GHz, Emax: 64.61dBµV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5280 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to §15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.557GHz, Emax: 47.44dBμV/m, RBW: 1MHz



## Spurious emissions Field Strength

### FCC RULES PART 15, SUBPART E

Approval Holder: modas GmbH  
EUT: WLAN Client  
Model: BWLC / 6 Mbit/s / 5280 MHz  
Test Site / Operator: Eurofins ETS Product Service GmbH / Mr. Handrik  
Test Conditions: Tnom.: 25°C / Unom: 5 V DC  
Test Specification: according to S15.407, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.557GHz, Emax: 43.99dBµV/m, RBW: 1MHz

