

TEST REPORT
of the accredited test laboratory

TÜV Nr.:M/FG-10/133

Applicant: Siemens Österreich AG
Siemensstrasse 92
A – 1210 Wien

Tested Product: Long Range Identification System Read- / Write- Unit

Type: MOBY U SLG U92 RS 422

FCC-ID: NXWMOBYU-SLGU92-0

IC-ID: 267X-U92RS422

Manufacturer: Siemens Österreich AG
A – 1210 Wien; Siemensstrasse 92

Output power / field strength: 0,125mW e.i.r.p **Power Supply:** 20-30 VDC
20417 µV/m @ 3m

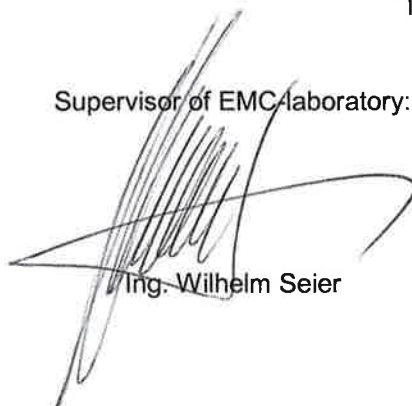
Frequency range: 2400 – 2483,5 MHz **Channel separation:** 819,2 kHz

Emission designator according to TRC-43: 580KD1D

Standard: FCC: 47 CFR Part 15 (October 1, 2009 edition)
RSS-210 Issue 7, June 2007

TÜV AUSTRIA SERVICES GMBH
Test laboratory for EMC

Supervisor of EMC laboratory:


Ing. Wilhelm Seier

23.11.2010

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Überwachungsstelle,
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Kesselprüfstelle**Notified Body 0408**
IC 2932K-1**Vorsitzender des**
Aufsichtsrats:
KR Dipl.-Ing. Johann
MARIHART**Geschäftsführung:**
Dipl.-Ing. Dr. Hugo
EBERHARDT
Mag. Christoph
WENNINGER**Sitz:**
Krugerstraße 16
1015 Wien/Österreich**weitere**
Geschäftsstellen:
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The results of this test report only refer to the provided equipment.

LIST OF MEASUREMENTS

The complete list of measurements called for in 47 CFR 15.249 and RSS-210 A2.9 is given below.

| SUBCLAUSE | PARAMETER TO BE MEASURED | PAGE |
|-----------|-------------------------------|------|
| | Intentional Radiators | |
| 15.249 a | Field strength | 3-5 |
| 15.249 c | Radiated emissions | 5-23 |
| | Additional information | 24 |

FIELD STRENGTH (Intentional Radiator)

§ 15.249/a

Measured on channel 0 / 13 (see page 24 for details)

| Field strength at a distance of 3m | | | | | | |
|------------------------------------|--------------------|---------------------------|------------------|-------|---------------|--------|
| f (MHz) | Bandwidth (MHz) | Limit (µV/m) (Average) | Average detector | | Peak detector | |
| | | | dBµV/m | µV/m | dBµV/m | µV/m |
| 2401,35 | 1 | 50000 | 76,9 | 6998 | 83,0 | 14125 |
| 2412,00 | 1 | 50000 | 84,9 | 17579 | 89,2 | 28840 |
| Highest harmonic 9648,0 | 1 | 500 | 39,1 | 90 | 58,2 | 813 |
| All other harmonics | 1 | 500 | < 40 | < 100 | < 60 | < 1000 |

Measurement uncertainty ± 6 dB

Bandwidth: this refers to the bandwidth of the measurement receiver

LIMIT

§ 15.249/a (RSS-210 A2.9)

| f (MHz) | Bandwidth (MHz) | Field strength at a distance of 3 m | |
|-------------|-----------------|-------------------------------------|---------------------------------|
| | | of fundamental emissions (mV/m) | of harmonic emissions (µV/m) |
| 2400-2483,5 | 1 | 50 | 500 |

The above standing field strength limit is based on average limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

FIELD STRENGTH (Intentional Radiator)

§ 15.249/a

Measured on channel 43 / 56 (see page 24 for details)

| Field strength at a distance of 3m | | | | | | |
|------------------------------------|--------------------|---------------------------|------------------|-------|---------------|--------|
| f (MHz) | Bandwidth (MHz) | Limit (µV/m) (Average) | Average detector | | Peak detector | |
| | | | dBµV/m | µV/m | dBµV/m | µV/m |
| 2436,55 | 1 | 50000 | 76,7 | 6839 | 85,4 | 18621 |
| 2447,275 | 1 | 50000 | 84,5 | 16788 | 90,5 | 33497 |
| Highest harmonic 9789,1 | 1 | 500 | 39,4 | 93 | 58,1 | 804 |
| All other harmonics | 1 | 500 | < 40 | < 100 | < 60 | < 1000 |
| Measurement uncertainty ± 6 dB | | | | | | |

Bandwidth: this refers to the bandwidth of the measurement receiver

LIMIT

§ 15.249/a (RSS-210 A2.9)

| f (MHz) | Bandwidth (MHz) | Field strength at a distance of 3 m | |
|-------------|-----------------|-------------------------------------|---------------------------------|
| | | of fundamental emissions (mV/m) | of harmonic emissions (µV/m) |
| 2400-2483,5 | 1 | 50 | 500 |

The above standing field strength limit is based on average limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

FIELD STRENGTH (Intentional Radiator)

§ 15.249/a

Measured on channel 86 / 99 (see page 24 for details)

| Field strength at a distance of 3m | | | | | | |
|------------------------------------|--------------------|---------------------------|------------------|-------|---------------|--------|
| f (MHz) | Bandwidth (MHz) | Limit (µV/m) (Average) | Average detector | | Peak detector | |
| | | | dBµV/m | µV/m | dBµV/m | µV/m |
| 2471,80 | 1 | 50000 | 78,3 | 8222 | 85,9 | 19724 |
| 2482,50 | 1 | 50000 | 86,2 | 20417 | 90,2 | 32359 |
| Highest harmonic 7447,5 | 1 | 500 | 40,4 | 105 | 54,6 | 537 |
| All other harmonics | 1 | 500 | < 40 | < 100 | < 60 | < 1000 |

Measurement uncertainty ± 6 dB

Bandwidth: this refers to the bandwidth of the measurement receiver

LIMIT

§ 15.249/a (RSS-210 A2.9)

| f (MHz) | Bandwidth (MHz) | Field strength at a distance of 3 m | |
|-------------|-----------------|-------------------------------------|---------------------------------|
| | | of fundamental emissions (mV/m) | of harmonic emissions (µV/m) |
| 2400-2483,5 | 1 | 50 | 500 |

The above standing field strength limit is based on average limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 0 / 13 (see page 24 for details)

| Field strength at a distance of 3m | | | | | | |
|------------------------------------|--------------------|--------------|-------------------------------|------|---------------|------|
| f (MHz) | Bandwidth (MHz) | Limit (µV/m) | Average / Quasi-peak detector | | Peak detector | |
| | | | dBµV/m | µV/m | dBµV/m | µV/m |
| 688,2 | 0,12 | 200 | 42,1 | 127 | --- | --- |
| 2390,7 | 1 | 500 | 39,1 | 90 | 56,5 | 668 |

Measurement uncertainty ± 6 dB

Bandwidth: this refers to the bandwidth of the measurement receiver

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwith (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)

| Field strength at a distance of 3m | | | | | | |
|------------------------------------|--------------------|--------------|-------------------------------|------|---------------|------|
| f (MHz) | Bandwidth (MHz) | Limit (µV/m) | Average / Quasi-peak detector | | Peak detector | |
| | | | dBµV/m | µV/m | dBµV/m | µV/m |
| 688,2 | 0,12 | 200 | 41,5 | 119 | --- | --- |
| 2425,9 | 1 | 500 | 39,1 | 90 | 61,5 | 1189 |

Measurement uncertainty ± 6 dB

Bandwidth: this refers to the bandwidth of the measurement receiver

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 86 / 99 (see page 24 for details)

| Field strength at a distance of 3m | | | | | | |
|------------------------------------|--------------------|--------------|-------------------------------|------|---------------|------|
| f (MHz) | Bandwidth (MHz) | Limit (µV/m) | Average / Quasi-peak detector | | Peak detector | |
| | | | dBµV/m | µV/m | dBµV/m | µV/m |
| 688,2 | 0,12 | 200 | 41,6 | 120 | --- | --- |
| 2461,15 | 1 | 500 | 40,3 | 104 | 58,7 | 861 |

Measurement uncertainty ± 6 dB

Bandwidth: this refers to the bandwidth of the measurement receiver

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

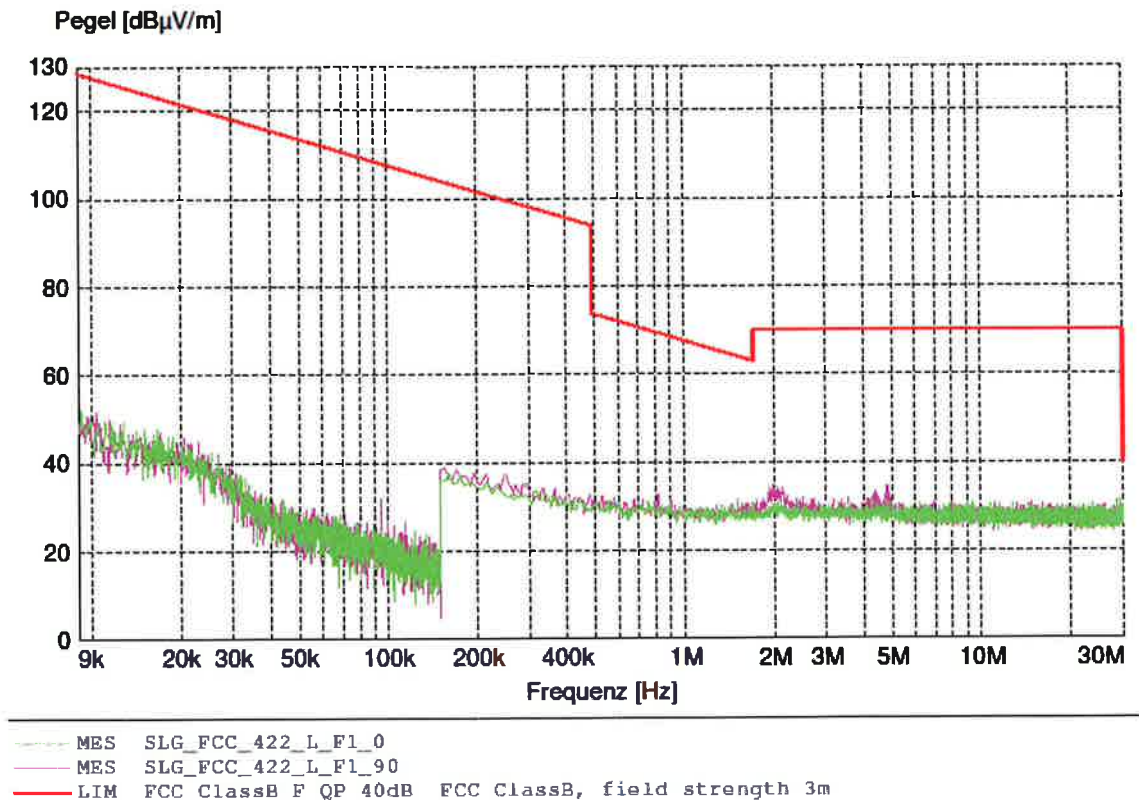
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 0 / 13 (see page 24 for details)



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LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwith (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

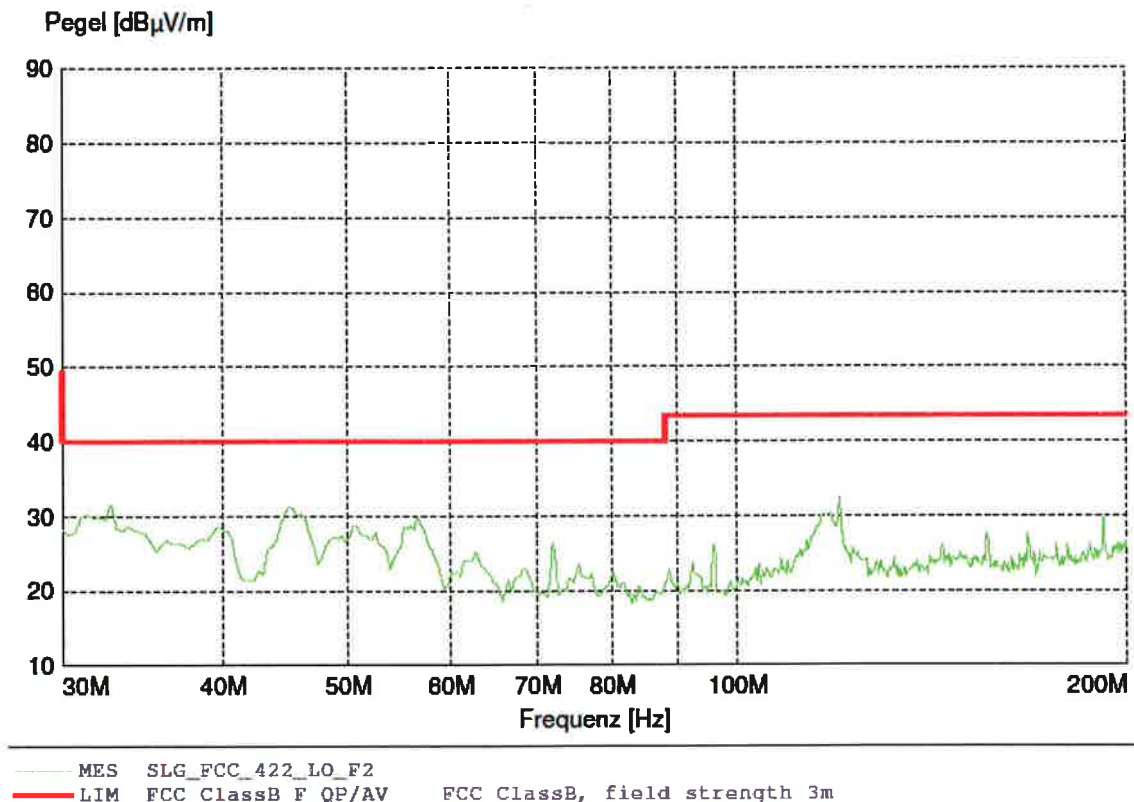
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 0 / 13 (see page 24 for details)



Seite 1 31.08.2010 10:23

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

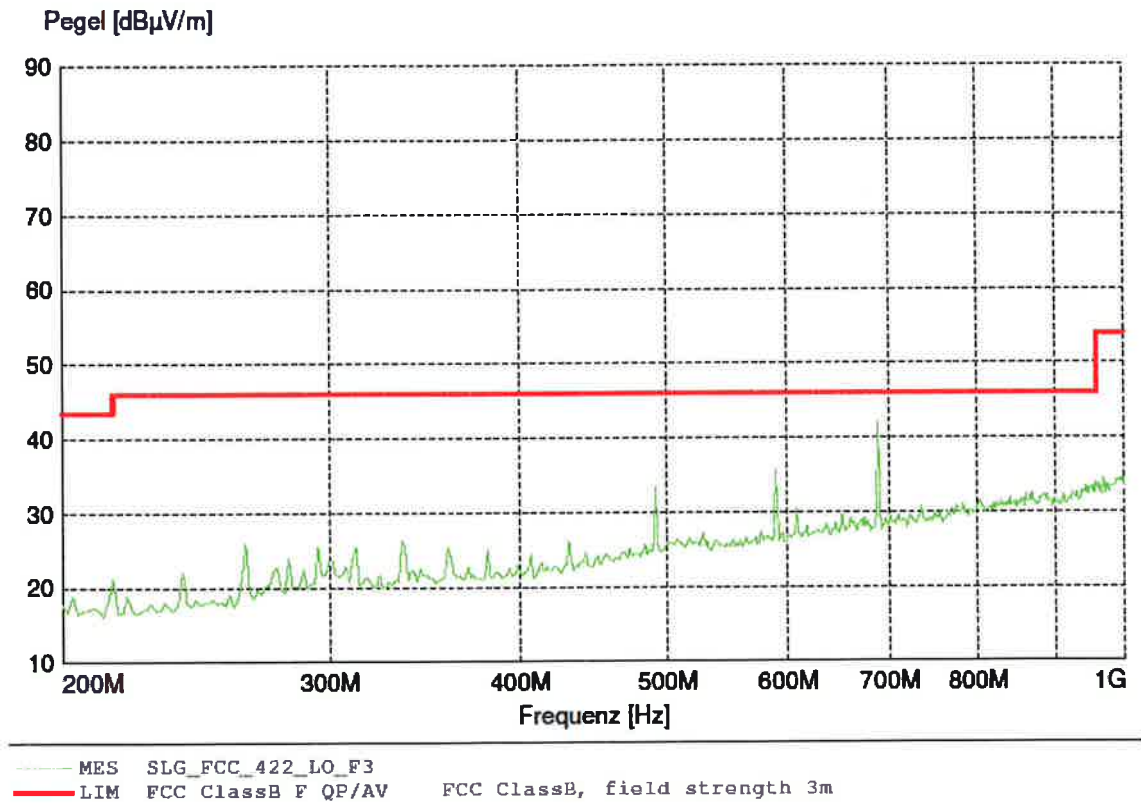
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 0 / 13 (see page 24 for details)



Seite 1 31.08.2010 10:20

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwith (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

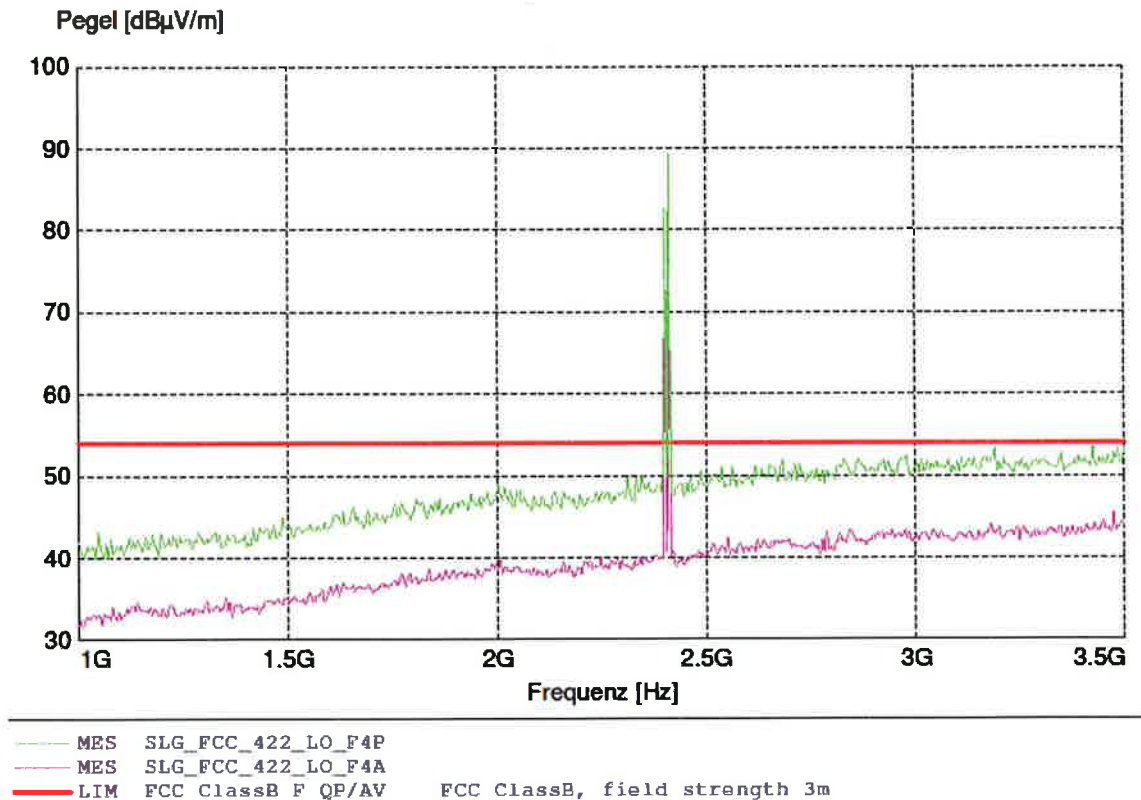
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 0 / 13 (see page 24 for details)



Seite 1 31.08.2010 11:41

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

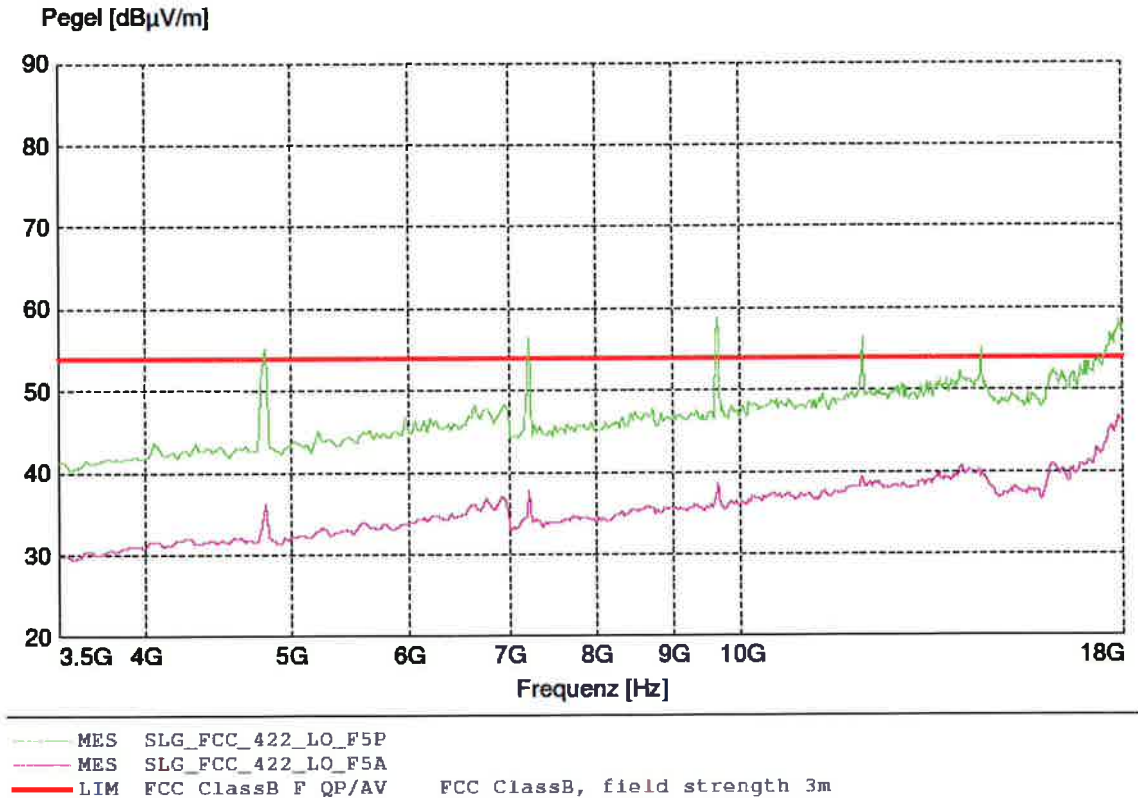
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits. Measurements at 1 GHz and above were made with PK Detector (green line) and Average Detector (purple line).

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 0 / 13 (see page 24 for details)



Seite 1 31.08.2010 10:00

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits. Measurements at 1 GHz and above were made with PK Detector (green line) and Average Detector (purple line).

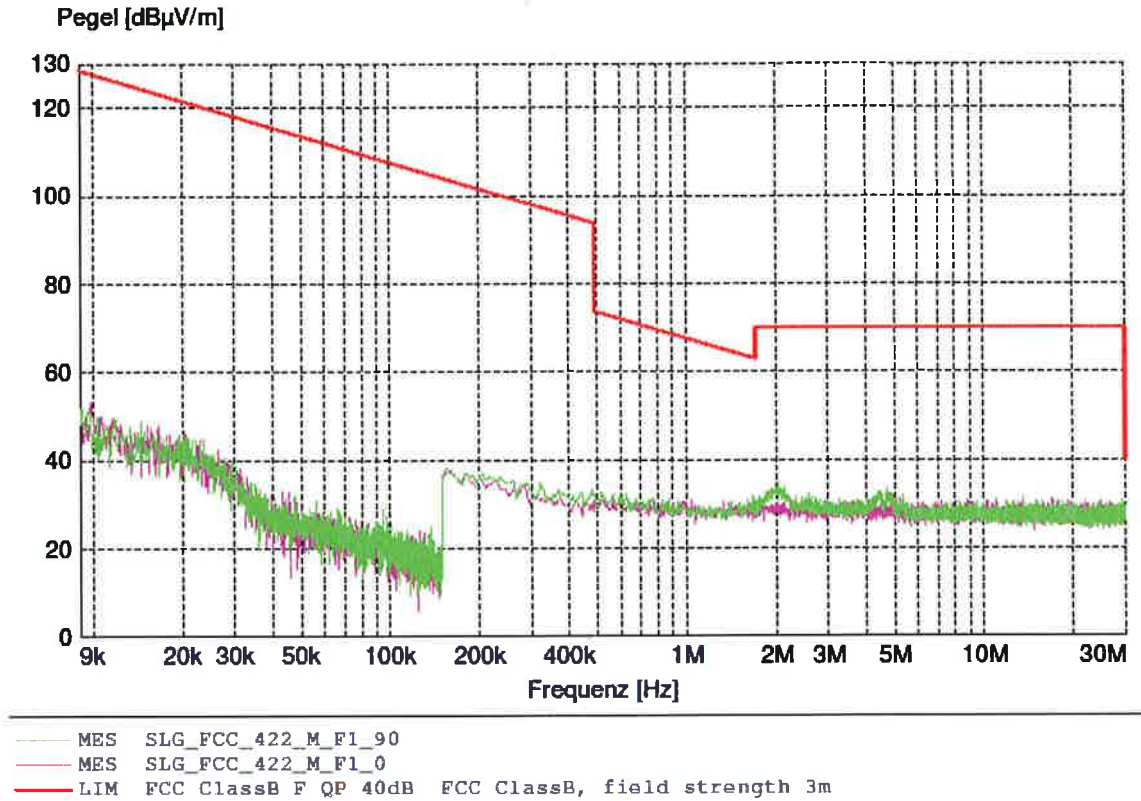
Although the measurements were made up to the 10th harmonic, no plots above 18 GHz are available.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)



Seite 1 31.08.2010 12:36

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

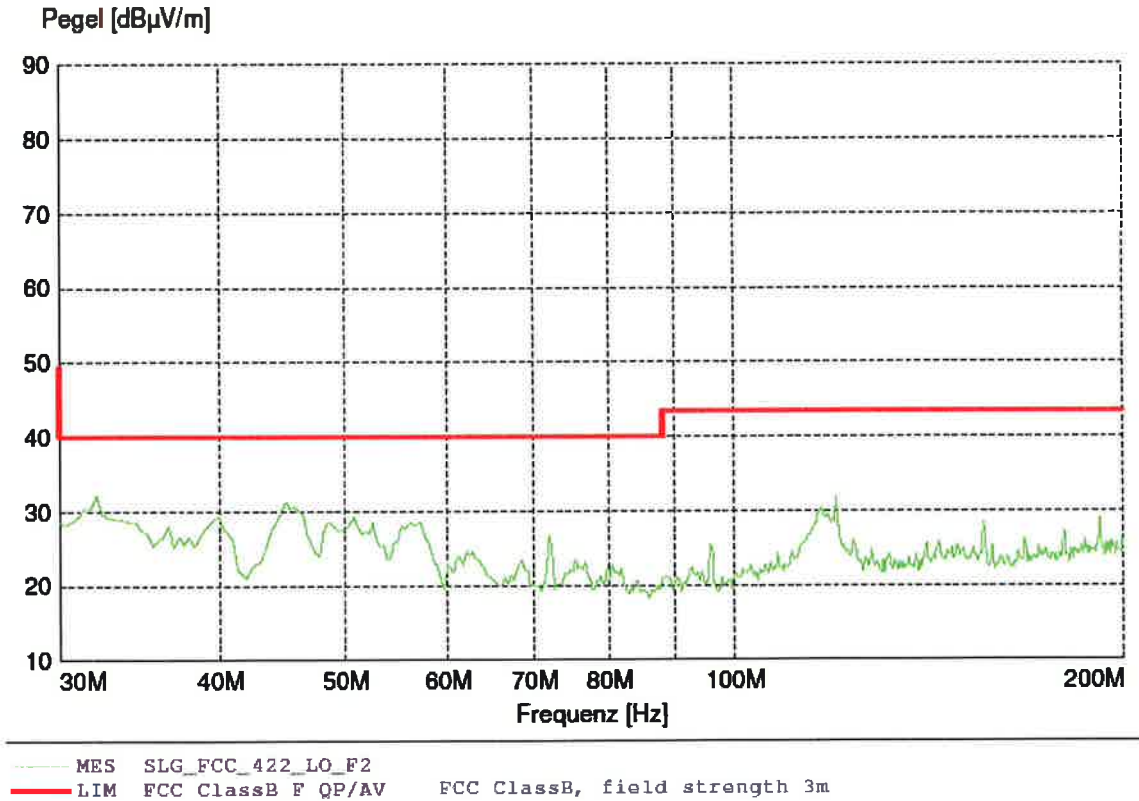
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)



Seite 1 31.08.2010 10:27

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

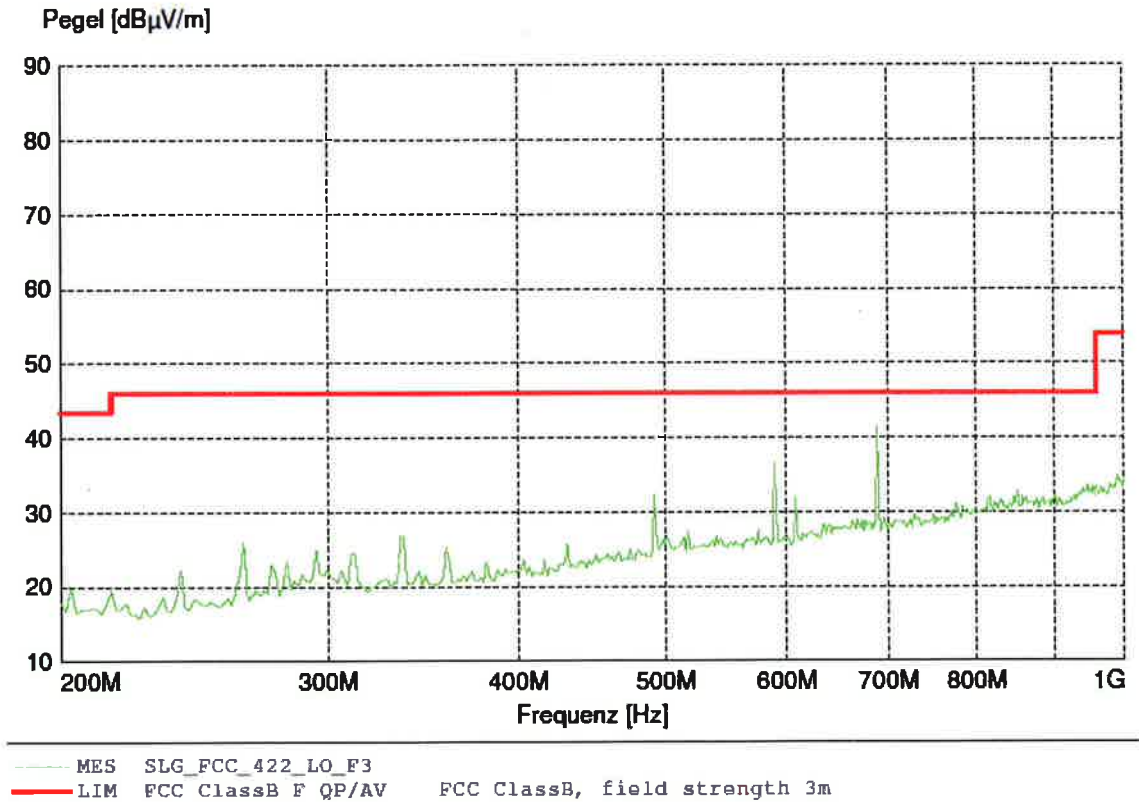
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)



Seite 1 31.08.2010 10:30

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

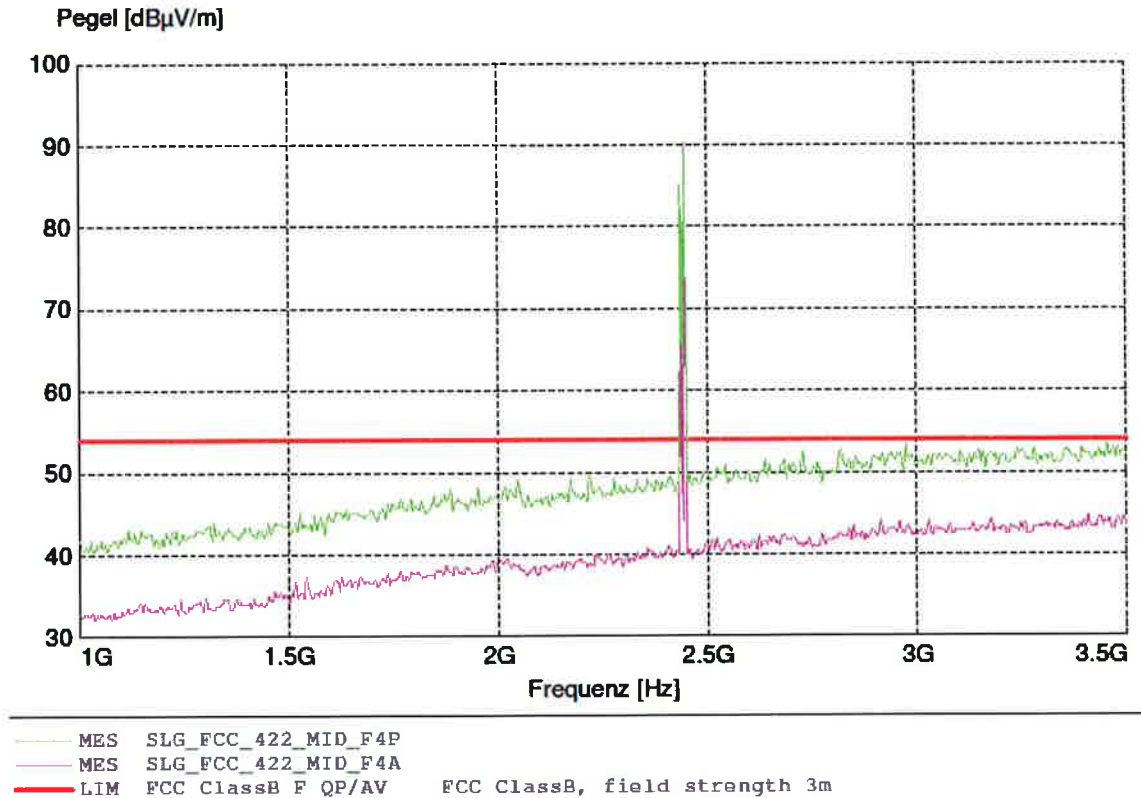
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)



Seite 1 31.08.2010 11:44

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

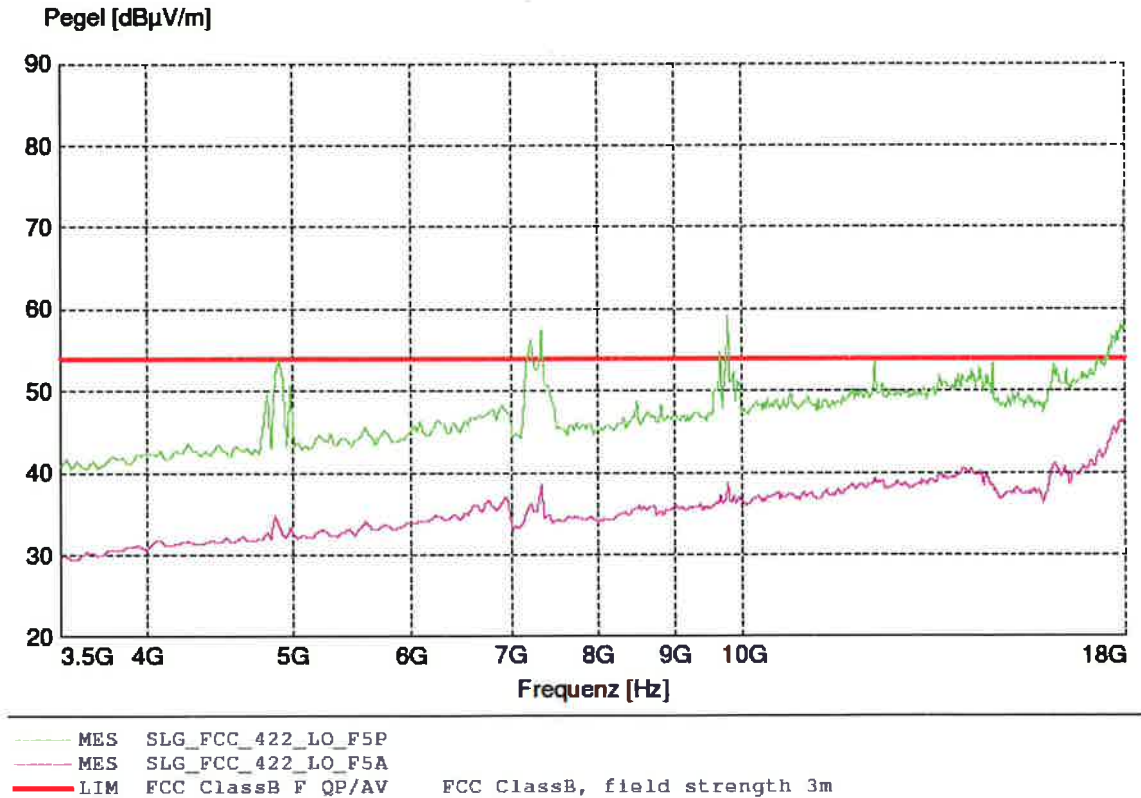
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits. Measurements at 1 GHz and above were made with PK Detector (green line) and Average Detector (purple line).

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)



Seite 1 31.08.2010 10:42

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwith (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits. Measurements at 1 GHz and above were made with PK Detector (green line) and Average Detector (purple line).

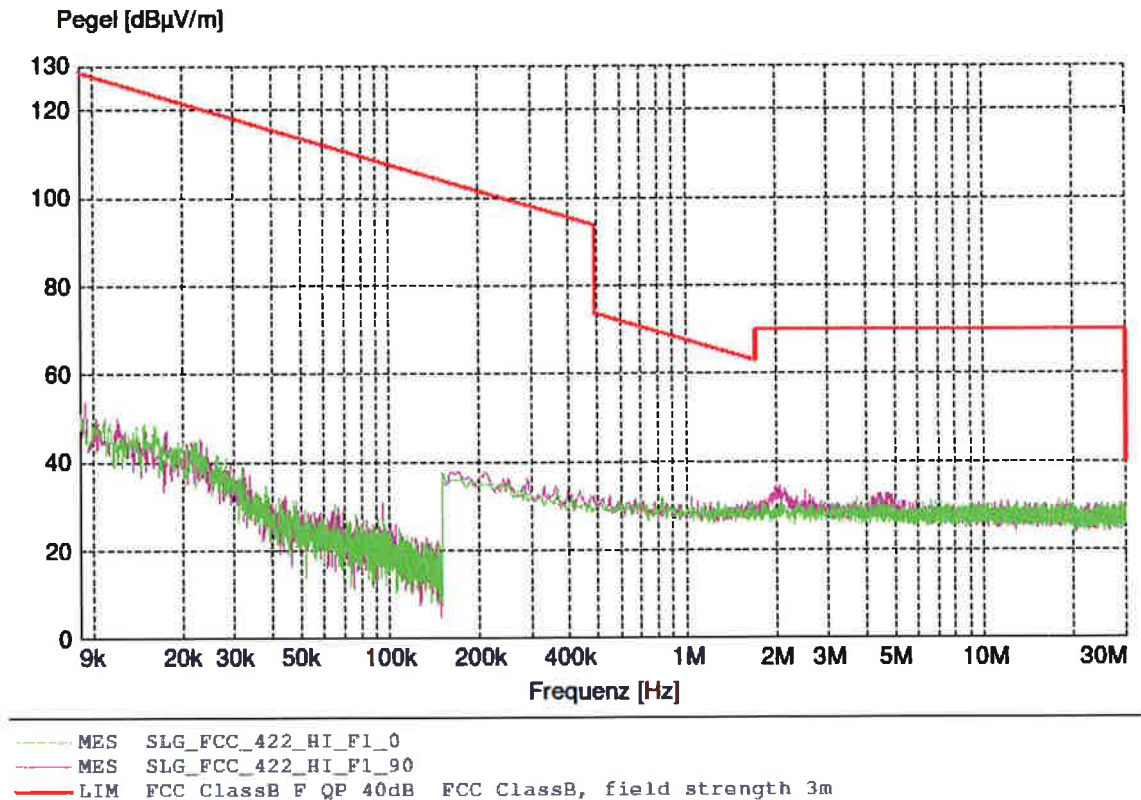
Although the measurements were made up to the 10th harmonic, no plots above 18 GHz are available.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 86 / 99 (see page 24 for details)



Seite 1 31.08.2010 12:29

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

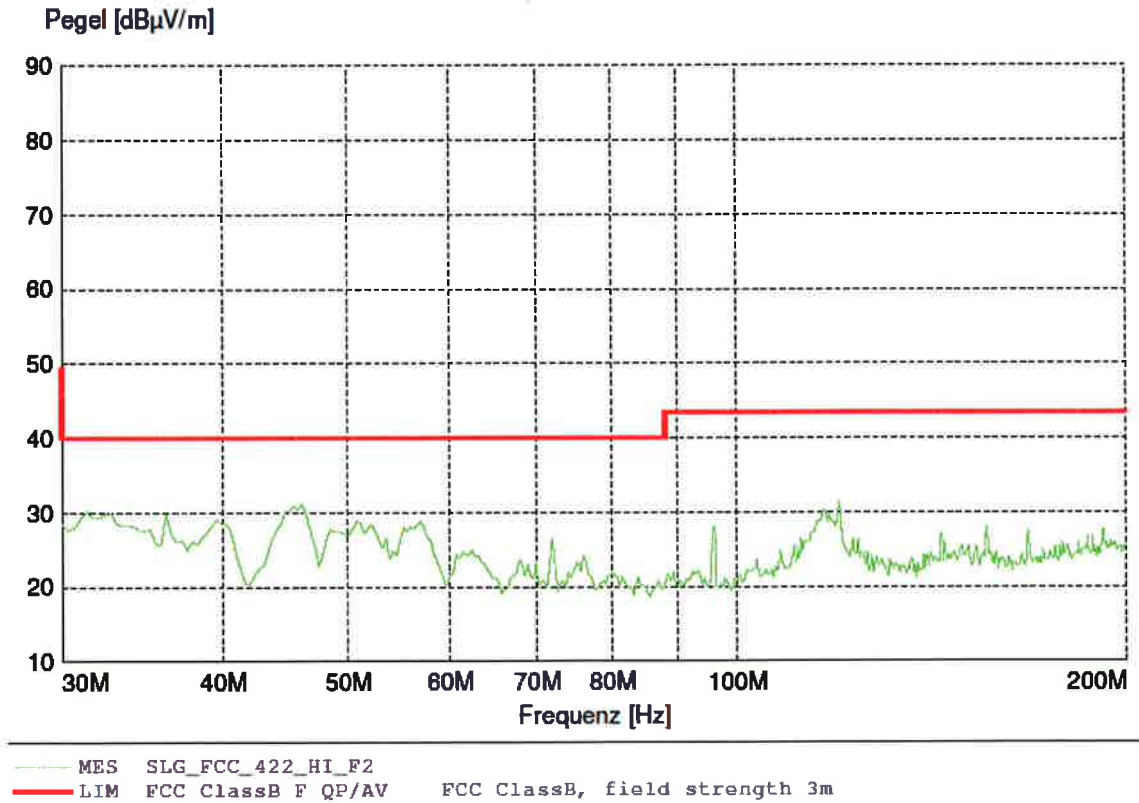
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)



Seite 1 31.08.2010 11:00

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwith (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

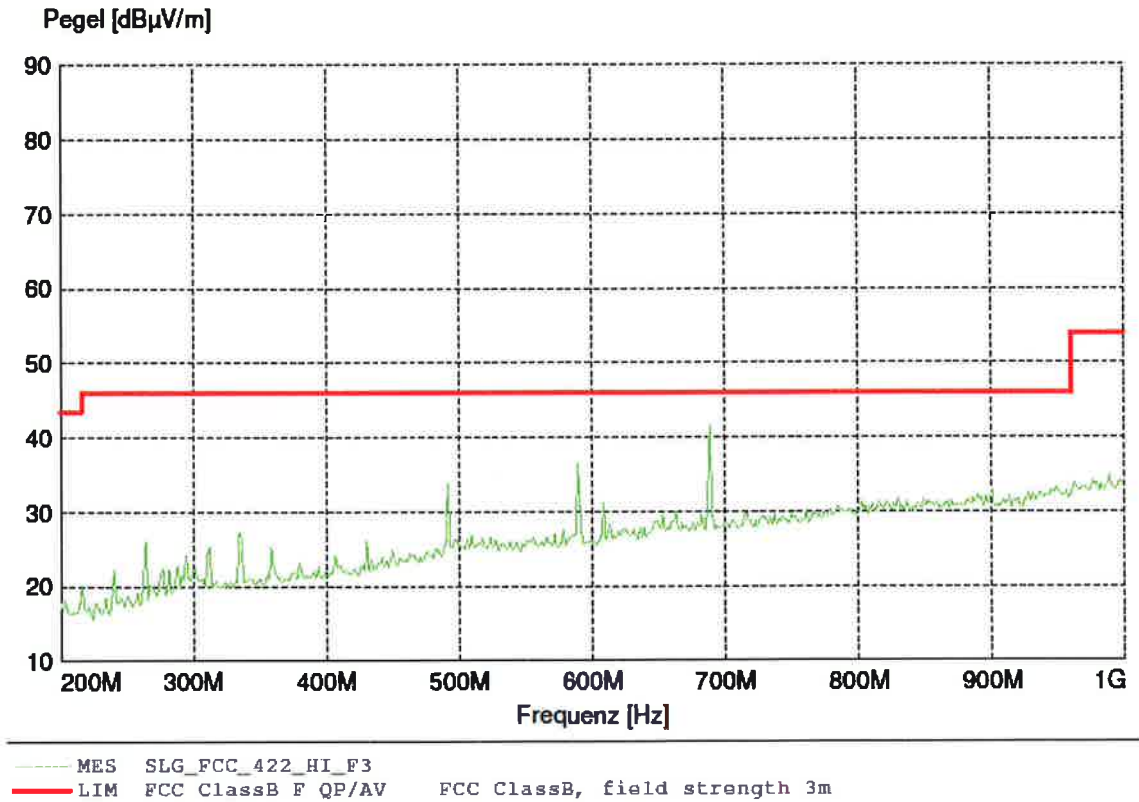
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)



Seite 1 31.08.2010 10:57

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

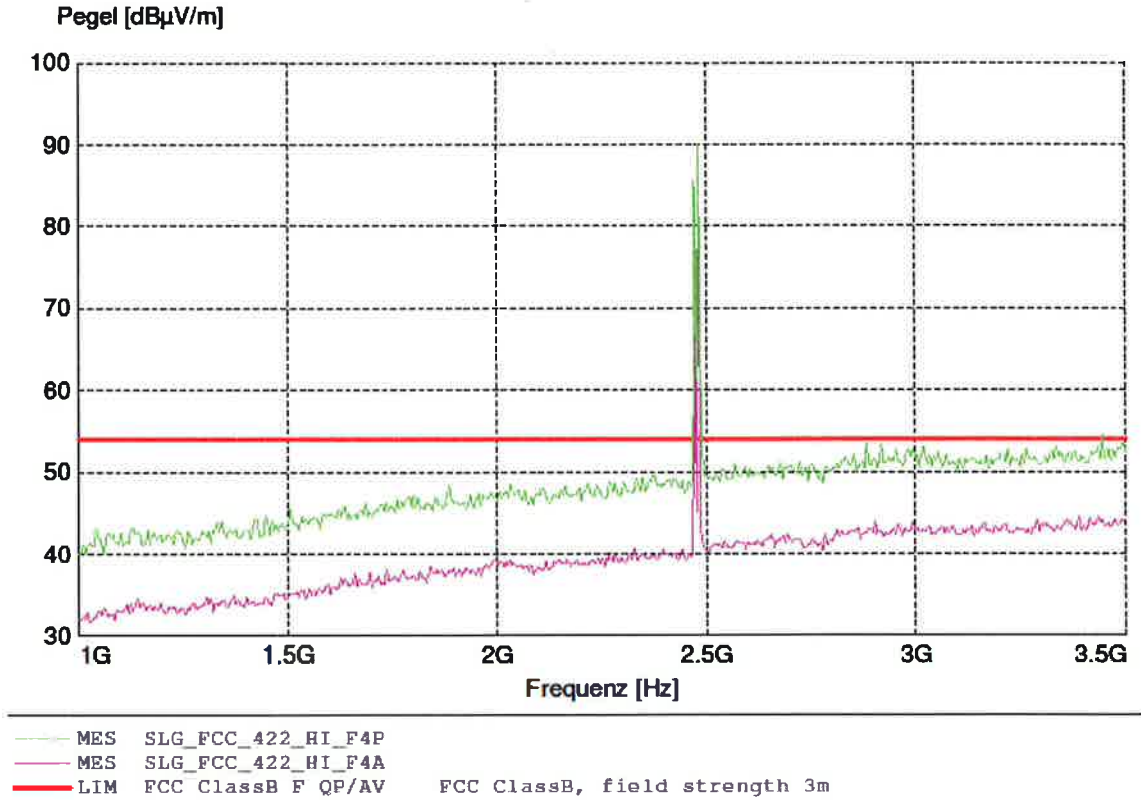
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)



Seite 1 31.08.2010 11:49

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwith (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

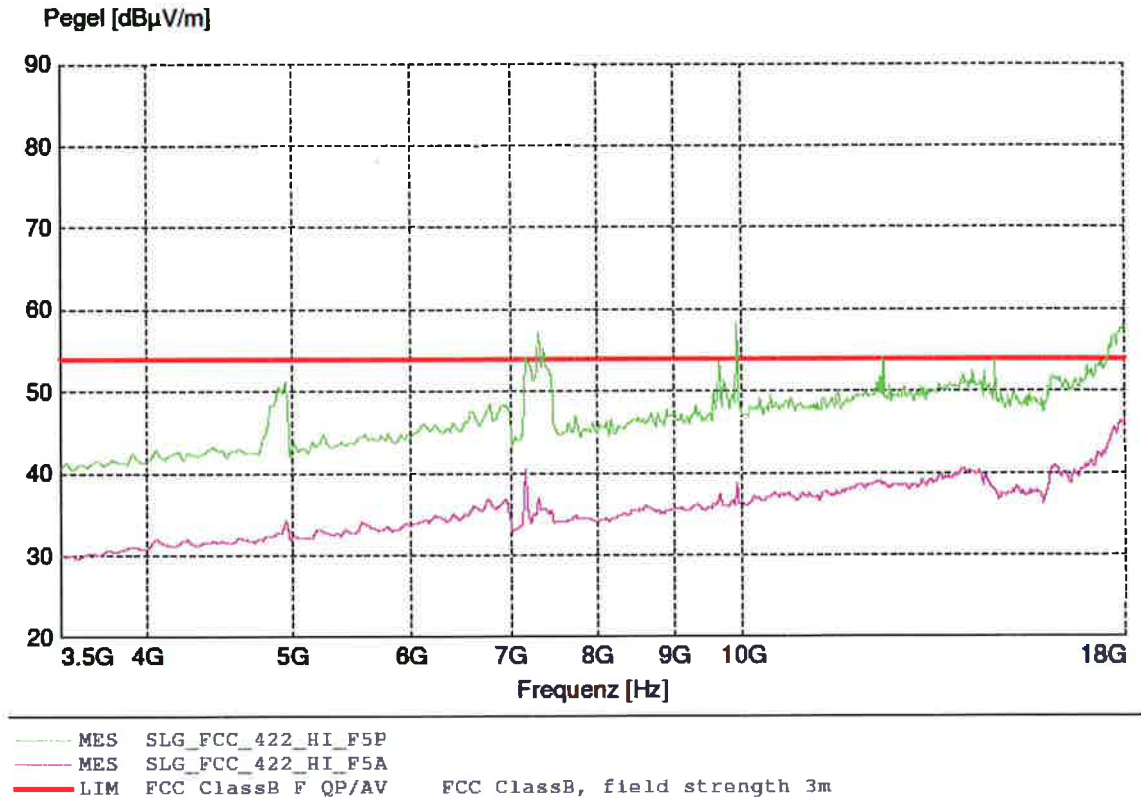
The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits. Measurements at 1 GHz and above were made with PK Detector (green line) and Average Detector (purple line).

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

RADIATED EMISSIONS (Intentional Radiator)

§ 15.249/c

Measured on channel 43 / 56 (see page 24 for details)



Seite 1 31.08.2010 10:49

LIMIT

§ 15.249/c according to § 15.209 (Table 2 of RSS-210)

| f (MHz) | Bandwidth (kHz) | Meas. distance (m) | Field strength (µV/m) |
|--------------|-----------------|--------------------|-----------------------|
| 0,009-0,150 | 0,2 | 300 | 2400/f (kHz) |
| 0,150-0,490 | 9 | 300 | 2400/f (kHz) |
| 0,490-1,705 | 9 | 30 | 24000/f (kHz) |
| 1,705-30,0 | 9 | 30 | 30 |
| 30-88 | 120 | 3 | 100 |
| 88-216 | 120 | 3 | 150 |
| 216-960 | 120 | 3 | 200 |
| 960-1000 | 120 | 3 | 500 |
| 1000-2400 | 1000 | 3 | 500 |
| above 2483,5 | 1000 | 3 | 500 |

The above standing field strength limits in the frequency band 9-90kHz, 110-490 kHz and above 1 GHz are based on average limits. All other above standing limits are based on quasi peak limits. Measurements at 1 GHz and above were made with PK Detector (green line) and Average Detector (purple line).

Although the measurements were made up to the 10th harmonic, no plots above 18 GHz are available.

Measuring equipment used: NT-100; NT-110; NT-121; NT-126; NT-129; NT-131; NT-139; NT-207

Additional information supplementary to the test report

The „Moby U“ system is intended to be used for identification purposes. It uses one or more SLGs (writing and reading station) and one or more multiple MDSs (mobile data memory).

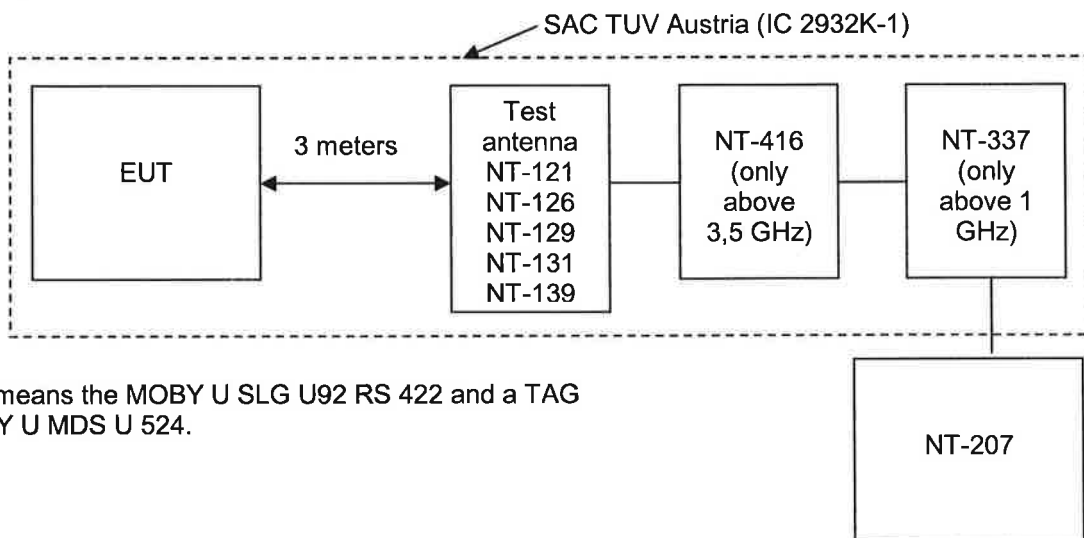
The SLG operates, also during the test, as follows:

Two signals are transmitted in the downlink mode (writing data from SLG to MDS). The lower is a CW carrier without modulation. The data carrier, modulated with a 384 ksym/s GMSK modulation, is situated 10.6496 MHz (13 channels) above the CW carrier.

During the uplink only the CW carrier will get transmitted.

Every SLG is able to handle more than one MDS at a time. The value, how much MDSs can be handled at a time is selectable. The maximum number is 12, minimum 1. This number is depending on the number of timeslots used for one MDS. During the test all timeslots were used, to get the minimal transmit interval and therefore maximum average emission. The MDS does not contain any RF generation, the MDS uses the RF energy of the two transmitted channels of the SLG to demodulate and receive data from SLG. It uses the unmodulated carrier from SLG for transmitting an answer back. Because of this, the MDS and SLG were tested together and all test results contained in this report refer to both products.

Test equipment used:



EUT:
This means the MOBY U SLG U92 RS 422 and a TAG
MOBY U MDS U 524.

Test sample received: Aug. 30th 2010

Tests were performed: Aug. 30th 2010

Appendix 1

Test equipment used

| | | | | | |
|--------------------------|---|--------------------|--------------------------|--|----------|
| <input type="checkbox"/> | Anechoic Chamber with 3m measurement distance | NT-100 | <input type="checkbox"/> | Spectrum analyzer – FSP7 9 kHz – 7 GHz | NT-200 |
| <input type="checkbox"/> | Stripline according to ISO 11452-5 | NT-108 | <input type="checkbox"/> | ESVP - Test receiver 20 - 1000 MHz | NT-201 |
| <input type="checkbox"/> | MA 240 - Antenna mast 1 - 4 m height | NT-110 | <input type="checkbox"/> | ESPC - Test receiver 9 kHz - 2,5 GHz | NT-203 |
| <input type="checkbox"/> | DS 412 - Turntable 0 - 400 ° Azimuth | NT-111 | <input type="checkbox"/> | ESI26 – Test receiver 20 Hz – 26,5 GHz | NT-207 |
| <input type="checkbox"/> | HD 100 Controller Mast+Turntable | NT-112 | <input type="checkbox"/> | Digital Radio Tester CTS55 | NT-208 |
| <input type="checkbox"/> | HUF-Z2 - Bicon. Antenna 20 - 300 MHz | NT-120 | <input type="checkbox"/> | Noise-gen., ITU-R 559-2 20 Hz – 20 kHz | NT-209 |
| <input type="checkbox"/> | HUF-Z3 - Log. Per. Antenna 200 - 1000 MHz | NT-121 | <input type="checkbox"/> | CMTA - Radiocommunication analyzer ; 0,1 - 1000 MHz | NT-210 |
| <input type="checkbox"/> | HFH-Z2 - Loop Antenna 9 kHz - 30 MHz | NT-122 | <input type="checkbox"/> | 3271 - Spectrum analyzer 100 Hz - 26,5 GHz | NT-211 |
| <input type="checkbox"/> | HFH-Z6 - Rod Antenna 9 kHz - 30 MHz | NT-123 | <input type="checkbox"/> | Radiocommunication analyzer Marconi 2945A | NT-212 |
| <input type="checkbox"/> | 3121C - Dipole Antenna 28 - 1000 MHz | NT-124 | <input type="checkbox"/> | 2855S - Communication analyzer | NT-213 |
| <input type="checkbox"/> | 3115 - Horn Antenna 1 - 18 GHz (immunity) | NT-125 | <input type="checkbox"/> | Mixer M28HW 26,5 GHz - 40 GHz | NT-214 |
| <input type="checkbox"/> | 3116 - Horn Antenna 18 - 40 GHz | NT-126 | <input type="checkbox"/> | Diode Detector 0,01 GHz - 26,5 GHz | NT-215 |
| <input type="checkbox"/> | SAS-200/543 - Bicon. Antenna 20 MHz - 300 MHz | NT-127 | <input type="checkbox"/> | RubiSource T&M Timing reference | NT-216 |
| <input type="checkbox"/> | AT-1080 - Log. Per. Antenna 80 - 1000 MHz | NT-128 | <input type="checkbox"/> | Radiocommunication analyzer SWR 1180 MD | NT-217 |
| <input type="checkbox"/> | HK-116 - bicon. Antenna 20 MHz - 300 MHz | NT-129 | <input type="checkbox"/> | Mixer M19HWD 40 GHz – 60 GHz | NT-218 |
| <input type="checkbox"/> | HK-116 - bicon. Antenna 20 MHz - 300 MHz | NT-130 | <input type="checkbox"/> | Mixer M12HWD 60 GHz – 90 GHz | NT-219 |
| <input type="checkbox"/> | 3146 - Log. Per. Antenna 200 – 1000 MHz | NT-131 | <input type="checkbox"/> | TDS - 540 DSO Digital scope | NT-220 |
| <input type="checkbox"/> | Loop Antenna H-Field | NT-132 | <input type="checkbox"/> | DSO9104 Digital scope | NT-220/1 |
| <input type="checkbox"/> | Horn Antenna 500 MHz - 2900 MHz | NT-133 | <input type="checkbox"/> | TPS 2014 Digital scope | NT-222 |
| <input type="checkbox"/> | Horn Antenna 500 MHz - 6000 MHz | NT-133/1 | <input type="checkbox"/> | Artificial Ear according to IEC 60318 | NT-224 |
| <input type="checkbox"/> | Log. per. Antenna 800 MHz - 2500 MHz | NT-134 | <input type="checkbox"/> | 1 kHz Sound calibrator | NT-225 |
| <input type="checkbox"/> | Log. per. Antenna 800 MHz - 2500 MHz | NT-135 | <input type="checkbox"/> | B10 - Harmonics and flicker analyzer | NT-232 |
| <input type="checkbox"/> | BiConiLog Antenna 26 MHz – 2000 MHz | NT-137 | <input type="checkbox"/> | SRM-3000 Spectrum analyzer | NT-233 |
| <input type="checkbox"/> | Conical Dipole Antenna PCD8250 | NT-138 | <input type="checkbox"/> | E-field probe SRM 75 MHz – 3 GHz | NT-234 |
| <input type="checkbox"/> | HF 906 - Horn Antenna 1 - 18 GHz (emission) | NT-139 | <input type="checkbox"/> | Hall-Teslameter ETM-1 | NT-241 |
| <input type="checkbox"/> | HZ-1 Antenna tripod | NT-150 | <input type="checkbox"/> | EFA-3 H-field- / E-field probe | NT-243 |
| <input type="checkbox"/> | BN 1500 Antenna tripod | NT-151 | <input type="checkbox"/> | E-field measuring instrument EMR-200; 100 kHz – 3 GHz | NT-244 |
| <input type="checkbox"/> | Ant. tripod for EN61000-4-3 Model TP1000A | NT-156 | <input type="checkbox"/> | E-field probe 100 kHz – 3 GHz | NT-245 |
| <input type="checkbox"/> | Power quality analyzer Fluke 1760 (complete set) | NT-160 - NT-172 | <input type="checkbox"/> | Magnetic field sensor 300 kHz – 30 MHz | NT-246 |


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Appendix 1 (continued)

Test equipment used

| | | | | | |
|--------------------------|---|----------|--------------------------|--|----------|
| <input type="checkbox"/> | E-field probe 3 MHz – 18 GHz | NT-247 | <input type="checkbox"/> | TRANSIENT 1000 Immunity test system | NT-325 |
| <input type="checkbox"/> | Magneticfield-Sensor 27 MHz – 1 GHz | NT-248 | <input type="checkbox"/> | VCS 500-M6 Surge-Generator | NT-326 |
| <input type="checkbox"/> | ELT-400 1 Hz – 400 kHz | NT-249 | <input type="checkbox"/> | BTA-250 - RF-Amplifier 9 kHz - 220 MHz / 250 W | NT-330 |
| <input type="checkbox"/> | MDS 21 - Absorbing clamp 30 - 1000 MHz | NT-250 | <input type="checkbox"/> | T82-50 RF-Amplifier 2 GHz – 8 GHz | NT-331 |
| <input type="checkbox"/> | FCC-203I EM Injection clamp | NT-251 | <input type="checkbox"/> | 500W1000M7 - RF-Amplifier 80 - 1000 MHz / 500 W | NT-332 |
| <input type="checkbox"/> | FCC-203I-DCN Ferrite decoupling network | NT-252 | <input type="checkbox"/> | AS0102-65R - RF-Amplifier 1 GHz - 2 GHz | NT-333 |
| <input type="checkbox"/> | PR50 Current Probe | NT-253 | <input type="checkbox"/> | APA01 – RF-Amplifier 0,5 GHz – 2,5 GHz | NT-334 |
| <input type="checkbox"/> | PR630 Current Probe | NT-254 | <input type="checkbox"/> | Preamplifier 1 GHz - 4 GHz | NT-335 |
| <input type="checkbox"/> | Fluke 87 V True RMS Multimeter | NT-260 | <input type="checkbox"/> | Preamplifier for GPS MKU 152 A | NT-336 |
| <input type="checkbox"/> | Model 2000 Digital Multimeter | NT-261 | <input type="checkbox"/> | Preamplifier 100 MHz – 23 GHz | NT-337 |
| <input type="checkbox"/> | Fluke 87 V Digital Multimeter | NT-262/1 | <input type="checkbox"/> | DC Block 10 MHz – 18 GHz Model 8048 | NT-338 |
| <input type="checkbox"/> | ESH2-Z5-U1 Artificial mains network 4x25A | NT-300 | <input type="checkbox"/> | 2-97201 Electronic load | NT-341 |
| <input type="checkbox"/> | ESH3-Z5-U1 Artificial mains network 2x10A | NT-301 | <input type="checkbox"/> | TSX3510P - Power supply 0-30 V / 0 - 10 A | NT-344 |
| <input type="checkbox"/> | ESH3-Z6-U1 Artificial mains network 1x100A | NT-302 | <input type="checkbox"/> | TSX3510P - Power supply 0-30 V / 0 - 10 A | NT-345 |
| <input type="checkbox"/> | ESH3-Z4 T-Artificial network | NT-303 | <input type="checkbox"/> | VDS 200 Mobil-impuls-generator | NT-350 |
| <input type="checkbox"/> | PHE 4500/B Power amplifier | NT-304 | <input type="checkbox"/> | LD 200 Mobil-impuls-generator | NT-351 |
| <input type="checkbox"/> | EZ10 T-Artificial Network | NT-305 | <input type="checkbox"/> | MPG 200 Mobil-impuls-Generators | NT-352 |
| <input type="checkbox"/> | ENY22 Artificial Network | NT-308 | <input type="checkbox"/> | EFT 200 Mobil-impuls-generator | NT-353 |
| <input type="checkbox"/> | ENY41 Artificial Network | NT-309 | <input type="checkbox"/> | AN 200 S1 Artificial Network | NT-354 |
| <input type="checkbox"/> | SMG - Signal generator 0,1 - 1000 MHz | NT-310 | <input type="checkbox"/> | FP-EFT 32M 3 ph. Coupling filter (Burst) | NT-400/1 |
| <input type="checkbox"/> | SMA100A - Signal generator 9 kHz - 6 GHz | NT-310/1 | <input type="checkbox"/> | PHE 4500 - Mains impedance network | NT-401 |
| <input type="checkbox"/> | PM 5518 TXVPS Video generator | NT-311 | <input type="checkbox"/> | IP 6.2 Coupling filter for data lines (Surge) | NT-403 |
| <input type="checkbox"/> | RefRad Reference generator | NT-312 | <input type="checkbox"/> | TK 9421 High Power Volt. Probe 150 kHz - 30 MHz | NT-409 |
| <input type="checkbox"/> | SMP 02 Signal generator 10 MHz - 20 GHz | NT-313 | <input type="checkbox"/> | ESH2-Z3 - Probe 9 kHz - 30 MHz | NT-410 |
| <input type="checkbox"/> | 40 MHz Arbitrary Generator TGA1241 | NT-315 | <input type="checkbox"/> | IP 4 - Capacitive clamp (Burst) | NT-411 |
| <input type="checkbox"/> | Artificial mains network NSLK 8127-PLC | NT-316 | <input type="checkbox"/> | Highpass-Filter 100 MHz – 3 GHz | NT-412 |
| <input type="checkbox"/> | PEFT - Burst generator up to 4 kV | NT-320 | <input type="checkbox"/> | Highpass-Filter 600 MHz – 4 GHz | NT-413 |
| <input type="checkbox"/> | ESD 30 System up to 25 kV | NT-321 | <input type="checkbox"/> | Highpass-Filter 1250 MHz – 4 GHz | NT-414 |
| <input type="checkbox"/> | PSURGE 4.1 Surge generator | NT-324 | <input type="checkbox"/> | Highpass-Filter 1800 MHz – 16 GHz | NT-415 |


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Appendix 1 (continued)

Test equipment used

| | | | | | |
|--------------------------|--|--------|--------------------------|--|--------------------|
| <input type="checkbox"/> | Highpass-Filter 3500 MHz – 18 GHz | NT-416 | <input type="checkbox"/> | FCC-801-S25 Coupling decoupling network | NT-462 |
| <input type="checkbox"/> | RF-Attenuator 10 dB DC – 18 GHz / 50 W | NT-417 | <input type="checkbox"/> | FCC-801-T4 Coupling decoupling network | NT-463 |
| <input type="checkbox"/> | RF-Attenuator 6 dB DC – 18 GHz / 50 W | NT-418 | <input type="checkbox"/> | FCC-801-C1 Coupling decoupling network | NT-464 |
| <input type="checkbox"/> | RF-Attenuator 3 dB DC – 18 GHz / 50 W | NT-419 | <input type="checkbox"/> | F-16A - Current probe 1kHz - 70MHz | NT-465 |
| <input type="checkbox"/> | RF-Attenuator 20 dB DC - 1000 MHz / 25 W | NT-421 | <input type="checkbox"/> | 95242-1 – Current probe 10 MHz – 400 MHz | NT-468 |
| <input type="checkbox"/> | RF-Attenuator 30 dB DC - 1000 MHz / 1 W | NT-423 | <input type="checkbox"/> | 94106-1L-1 – Current probe 20 Hz – 450 MHz | NT-471 |
| <input type="checkbox"/> | RF-Attenuator 30 dB | NT-424 | <input type="checkbox"/> | GA 1240 Power amplifier according to EN 61000-4-16 | NT-480 |
| <input type="checkbox"/> | RF-Attenuator 6 dB DC - 1000 MHz / 1 W | NT-425 | <input type="checkbox"/> | Coupling networks according to EN 61000-4-16 | NT-481 - NT-483 |
| <input type="checkbox"/> | RF-Attenuator 6 dB DC - 1000 MHz / 1 W | NT-426 | <input type="checkbox"/> | PC P4 3 GHz Test computer | NT-500 |
| <input type="checkbox"/> | RF-Attenuator 6 dB | NT-428 | <input type="checkbox"/> | PC P4 1700 MHz Notebook | NT-505 |
| <input type="checkbox"/> | RF-Attenuator 0 dB - 81 dB | NT-429 | <input type="checkbox"/> | PC Intel Centrino 1600 MHz Notebook | NT-506 |
| <input type="checkbox"/> | WRU 27 - Band blocking 27 MHz | NT-430 | <input type="checkbox"/> | Monitoring camera with Monitor | NT-511 |
| <input type="checkbox"/> | WHJ450C9 AA - High pass 450 MHz | NT-431 | <input type="checkbox"/> | ES-K1 Version 1.71 SP2 Test software | NT-520 |
| <input type="checkbox"/> | WHJ250C9 AA - High pass 250 MHz | NT-432 | <input type="checkbox"/> | SRM-TS Version 1.3 software for SRM-3000 | NT-522 |
| <input type="checkbox"/> | RF-Load 150 W | NT-433 | <input type="checkbox"/> | SPS-PHE Test software V2.5 voltage fluctuations/harmonics | NT-525 |
| <input type="checkbox"/> | Impedance transducer 1:4 ; 1:9 ; 1:16 | NT-435 | <input type="checkbox"/> | SPS-EM Test software V4.0 EN61000-4-11 | NT-527 |
| <input type="checkbox"/> | RF-Attenuator DC – 18 GHz 6 dB | NT-436 | <input type="checkbox"/> | Noise power test apparatus according to EN 55014 | NT-530 |
| <input type="checkbox"/> | RF-Attenuator DC – 18 GHz 6 dB | NT-437 | <input type="checkbox"/> | Vertical coupling plane (ESD) | NT-531 |
| <input type="checkbox"/> | RF-Attenuator DC – 18 GHz 10 dB | NT-438 | <input type="checkbox"/> | Test cable #4 for EN 61000-4-6 | NT-553 |
| <input type="checkbox"/> | RF-Attenuator DC – 18 GHz 20 dB | NT-439 | <input type="checkbox"/> | Test cable #3 for conducted emission | NT-554 |
| <input type="checkbox"/> | I+P 7780 Directional coupler 100 - 2000 MHz | NT-440 | <input type="checkbox"/> | Test cable #5 ESD-cable (2x470k) | NT-555 |
| <input type="checkbox"/> | ESH3-Z2 - Pulse limiter 9 kHz - 30 MHz | NT-441 | <input type="checkbox"/> | Test cable #6 ESD-cable (2x470k) | NT-556 |
| <input type="checkbox"/> | Power Divider 6 dB/1 W/50 Ohm | NT-443 | <input type="checkbox"/> | Test cable #8 Sucoflex 104EA | NT-559 |
| <input type="checkbox"/> | Directional coupler 0,1 MHz – 70 MHz | NT-444 | <input type="checkbox"/> | Test cable #9 (for outdoor measurements) | NT-580 |
| <input type="checkbox"/> | Directional coupler 0,1 MHz – 70 MHz | NT-445 | <input type="checkbox"/> | Test cable #10 (for outdoor measurements) | NT-581 |
| <input type="checkbox"/> | Tube imitations according to EN 55015 | NT-450 | <input type="checkbox"/> | Test cable #13 Sucoflex 104PE | NT-584 |
| <input type="checkbox"/> | FCC-801-M3-16A Coupling decoupling network | NT-458 | <input type="checkbox"/> | Test cable #21 for SRM-3000 | NT-592 |
| <input type="checkbox"/> | FCC-801-M2-50A Coupling decoupling network | NT-459 | <input type="checkbox"/> | Shield chamber | NT-600 |
| <input type="checkbox"/> | FCC-801-M5-25 Coupling decoupling network | NT-460 | <input type="checkbox"/> | Climatic chamber | M-1200 |
| <input type="checkbox"/> | FCC-801-AF10 Coupling decoupling network | NT-461 | <input type="checkbox"/> | Control and simulation equipment for EUT | --- |

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