

## ANNEX 4 TO TEST REPORT # EMCC-880104HD, 2004-10-18

### BANDWIDTH AND BAND-EDGE COMPLIANCE

#### EQUIPMENT UNDER TEST:

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Trade Name:         | Remote Control W13                               |
| Model:              | 4512-133-02901 (Receiver f. RemCon W13)          |
| Serial No:          | 1001                                             |
| Equipment Category: | Transceiver                                      |
| Manufacturer:       | Sasse Elektronik GmbH                            |
| Address:            | Mühlenstrasse 4<br>91126 Schwabach<br>Germany    |
| Phone:              | +49-9122-978-126                                 |
| Fax:                | +49-9122-978-133<br>drechsel@sasse-elektronik.de |

**RELEVANT STANDARD:** 47 CFR Part 15.249

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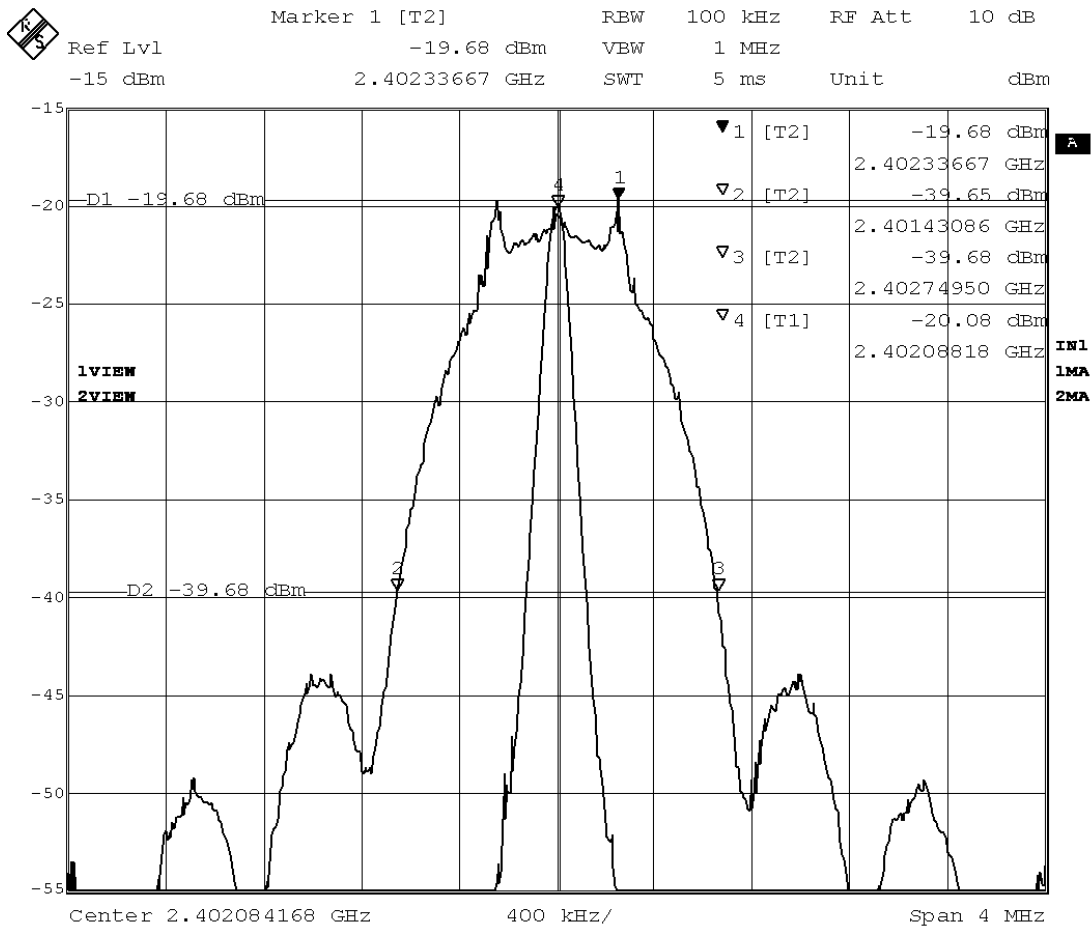
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**Test of Sasse Elektronik GmbH Remote Control W13**  
**Model 4512-133-02901 (Receiver f. RemCon W13) to 47 CFR Part 15.249**

## 1 BANDWIDTH

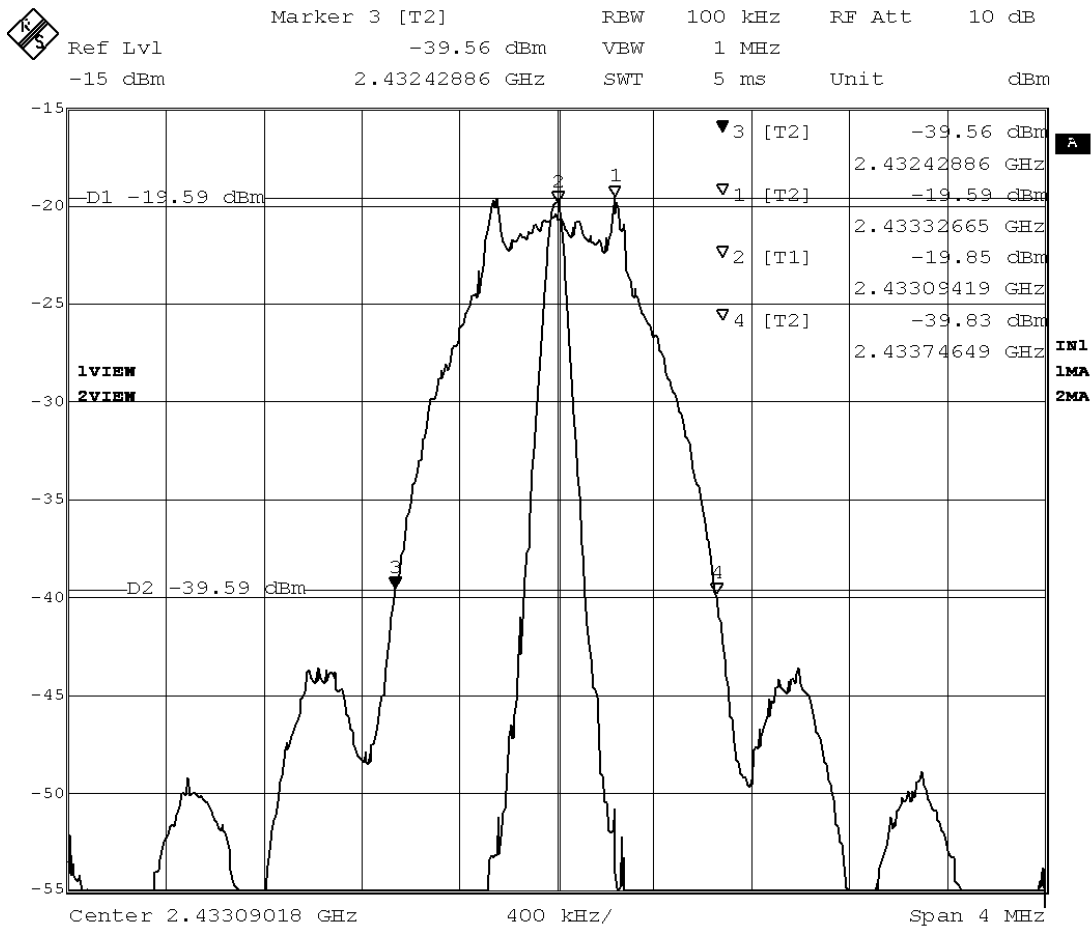
*Remark: Bandwidth measured according to Section 15.215 (c) and ANSI C63.4.*



Title: 20 dB Bandwidth  
 Comment A: Empfänger; flow; ext. Att. 10 dB  
 Date: 10.AUG.2004 13:48:16

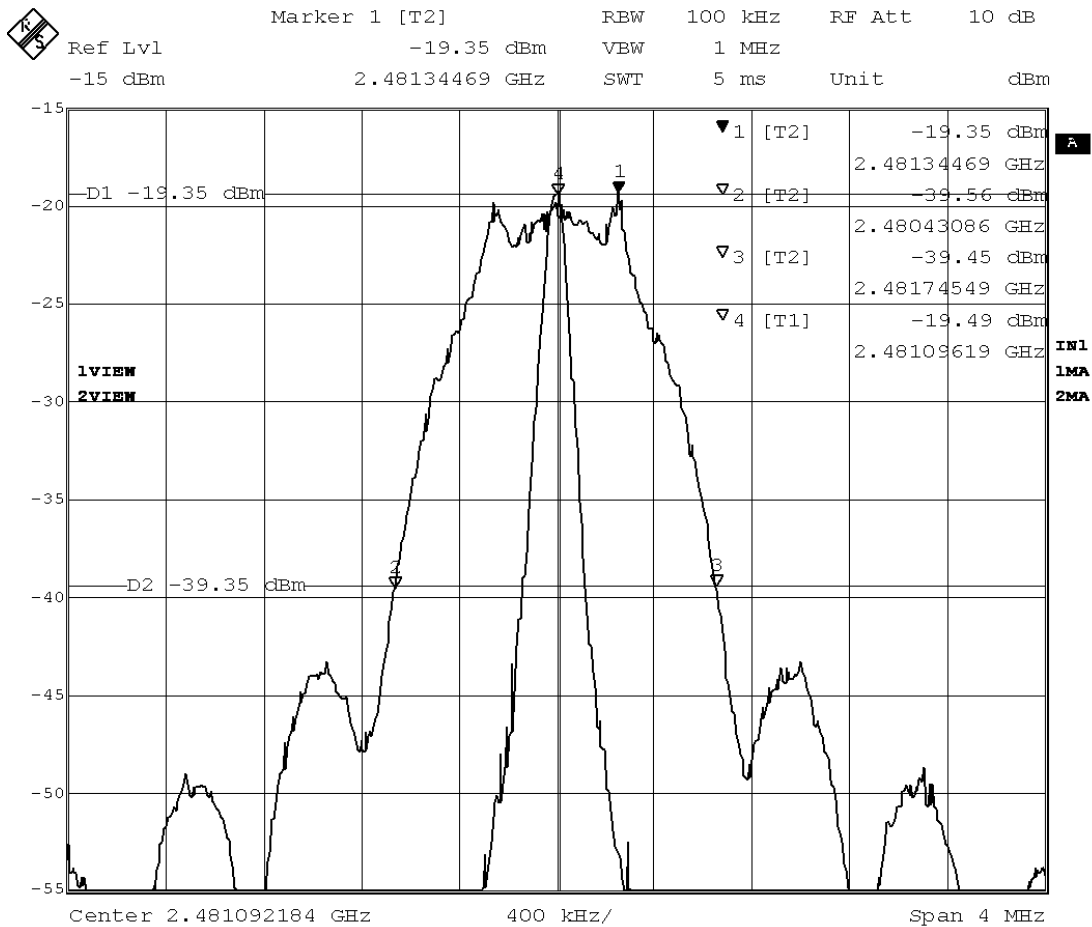
Plot 1.1: 20 dB Bandwidth; EUT operating at lowest frequency; T1: unmodulated; T2: modulated.

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Plot 1.2: 20 dB Bandwidth; EUT operating at middle frequency; T1: unmodulated; T2: modulated.

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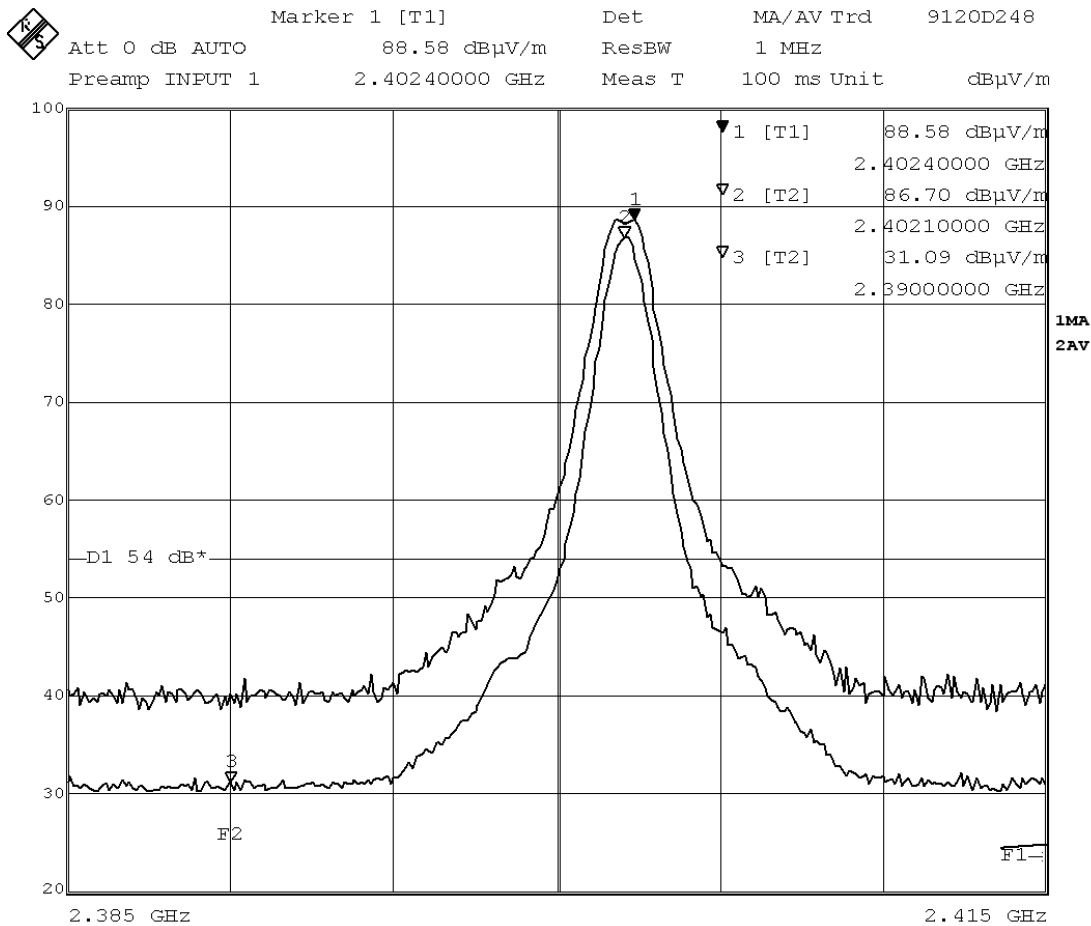


Title: 20 dB Bandwidth  
 Comment A: Empfaenger; fhigh; ext. Att. 10 dB  
 Date: 10.AUG.2004 13:51:47

Plot 1.3: 20 dB Bandwidth; EUT operating at highest frequency; T1: unmodulated; T2: modulated.

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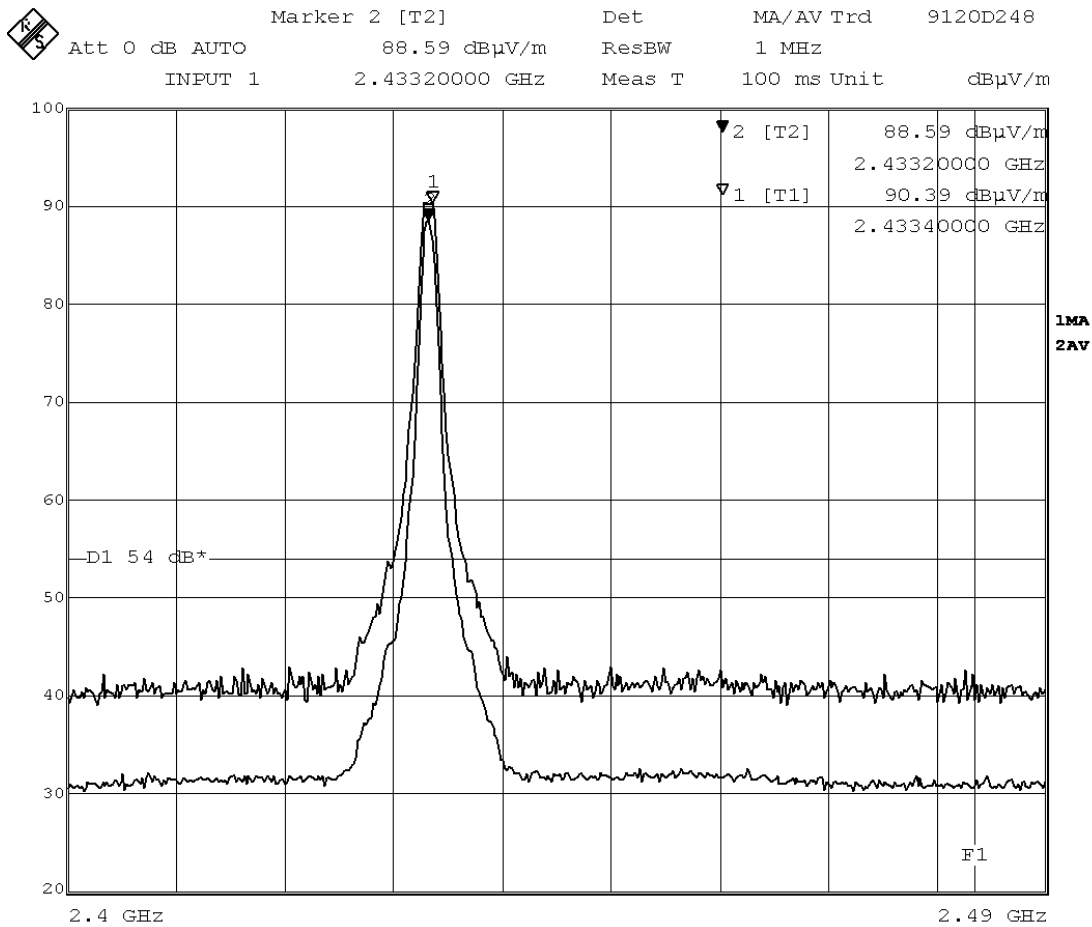
## 2 SPURIOUS EMISSIONS; BANDEDGES



Title: Radiated Emissions Test  
 Comment B: Empfänger; TX mode, d=3m, flow; Rod antenna, EUT:v RodA:h  
 Ant:h  
 Date: 31.AUG.2004

Plot 2.1: Bandedge Emissions, lower bandedge; EUT with Rod Antenna operating at lowest frequency

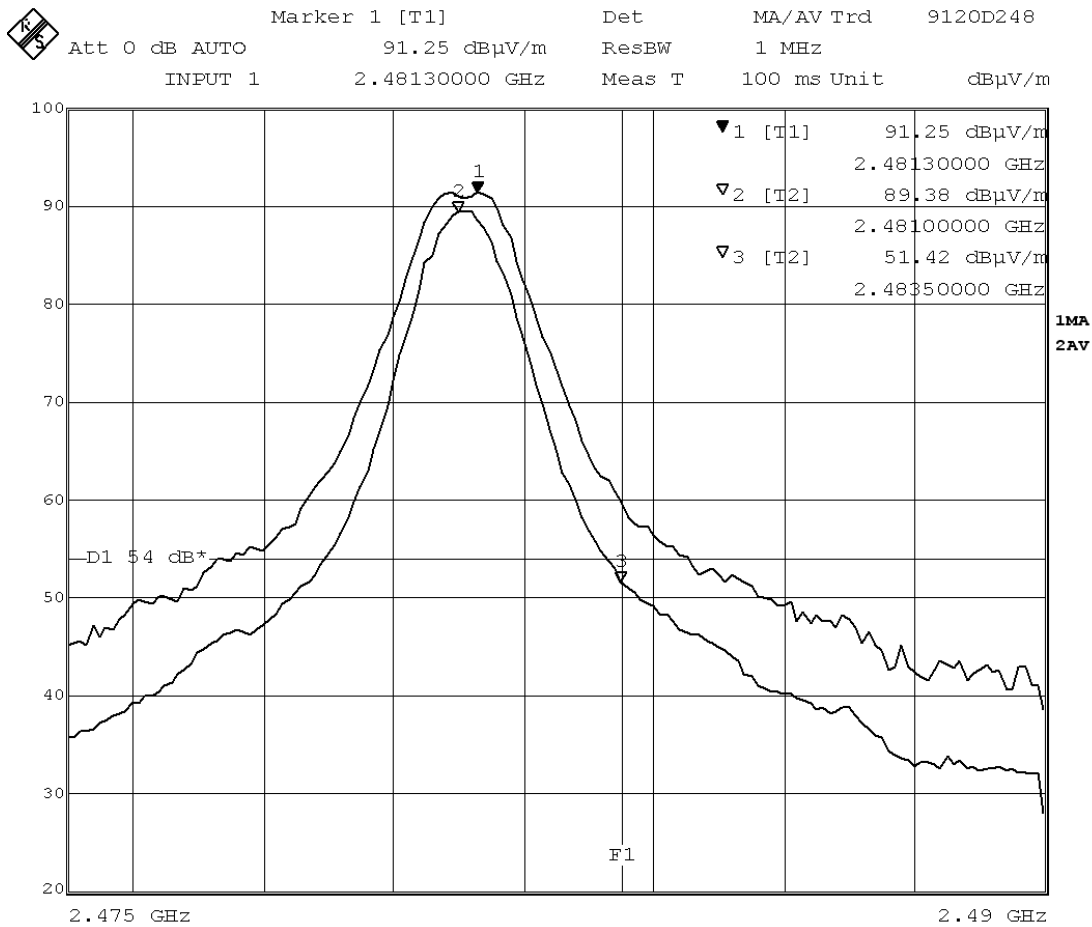
**Test of Sasse Elektronik GmbH Remote Control W13  
 Model 4512-133-02901 (Receiver f. RemCon W13) to 47 CFR Part 15.249**



Title: Radiated Emissions Test  
 Comment B: Empfänger; TX mode, d=3m, fmid; Rod antenna, EUT:v RodA:h  
 Ant:h  
 Date: 31.AUG.2004

**Plot 2.2: Bandedge Emissions, lower and upper bandedge; EUT with Rod Antenna operating at middle frequency**

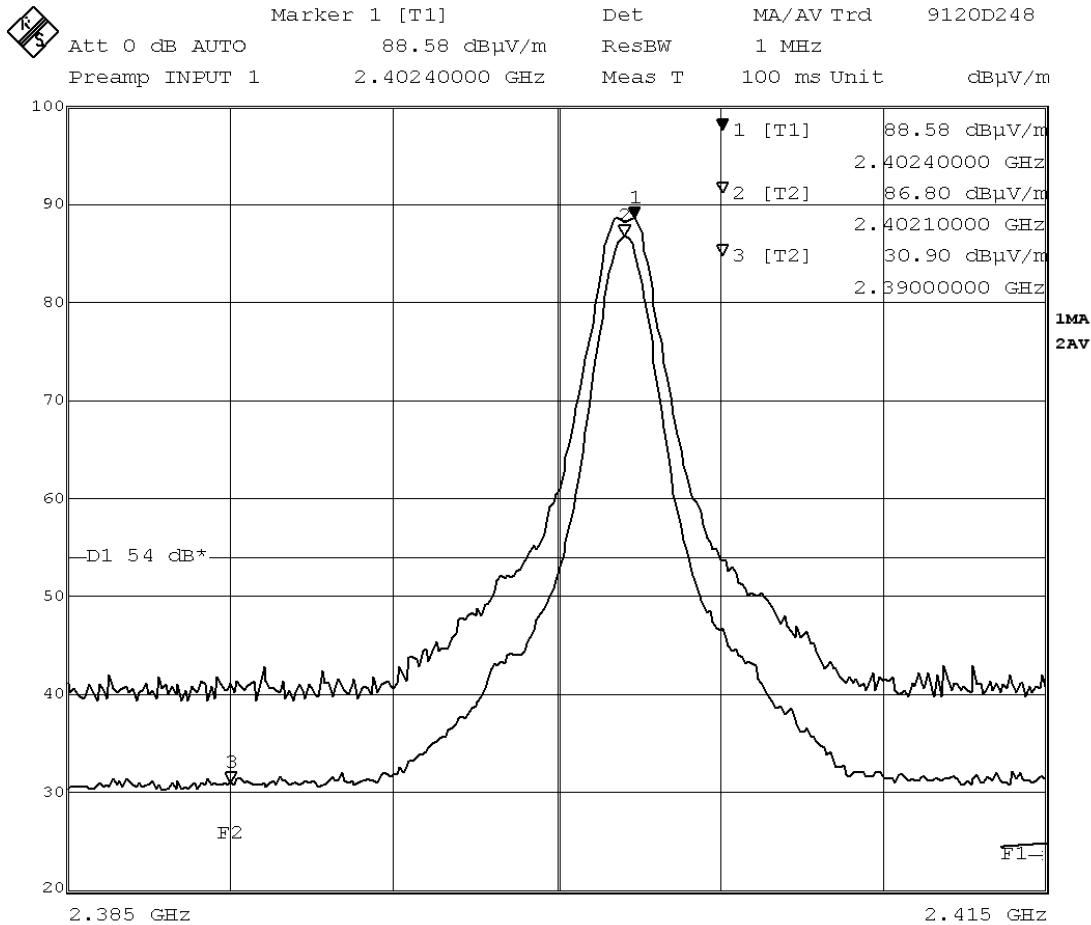
**Test of Sasse Elektronik GmbH Remote Control W13**  
**Model 4512-133-02901 (Receiver f. RemCon W13) to 47 CFR Part 15.249**



Title: Radiated Emissions Test  
 Comment B: Empfänger; TX mode, d=3m, fhigh; Rod antenna, EUT:v RodA:h  
 Ant:h  
 Date: 31.AUG.2004

Plot 2.3: Bandedge Emissions, upper bandedge; EUT with Rod Antenna operating at highest frequency

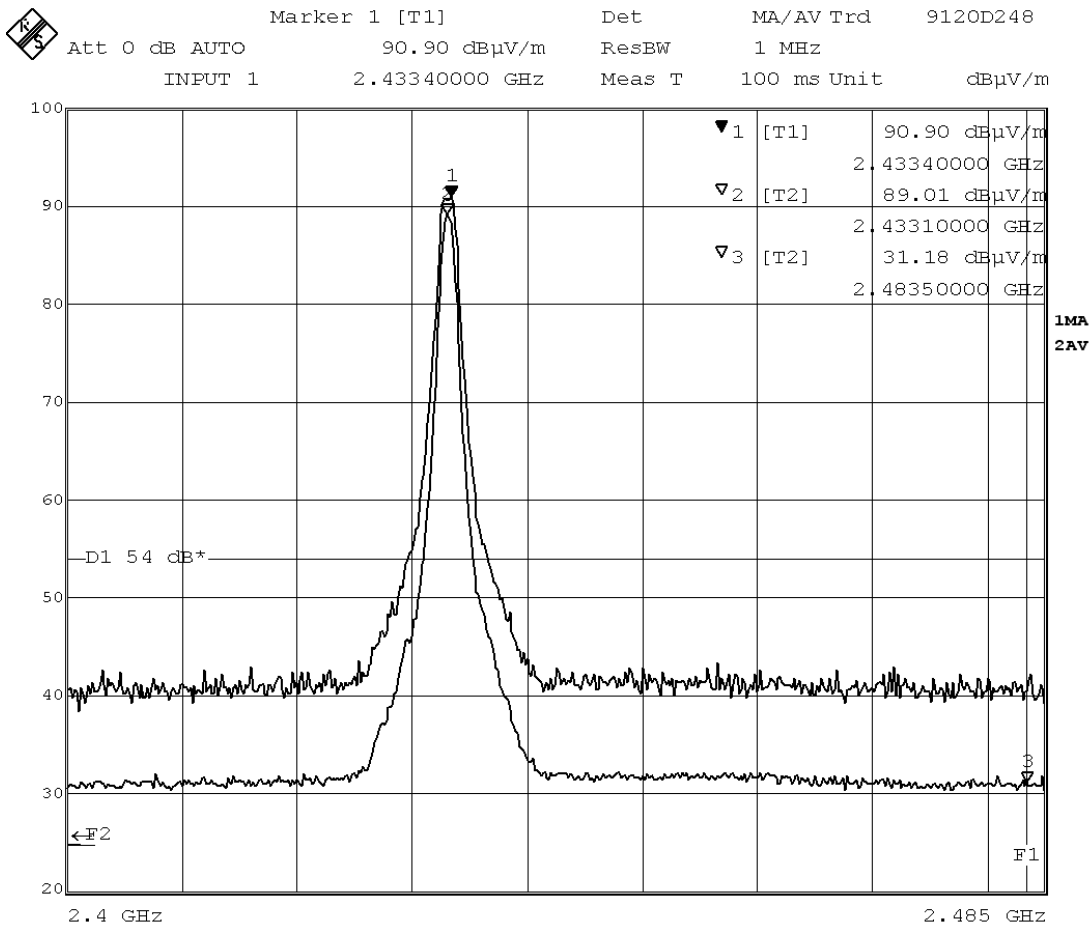
**Test of Sasse Elektronik GmbH Remote Control W13**  
**Model 4512-133-02901 (Receiver f. RemCon W13) to 47 CFR Part 15.249**



Title: Radiated Emissions Test  
 Comment B: Empfänger; TX mode, d=3m, flow; Blade antenna, EUT: v bladeA: h  
 Ant: h  
 Date: 31.AUG.2004

Plot 2.4: Bandedge Emissions, lower bandedge; EUT with Blade Antenna operating at lowest frequency

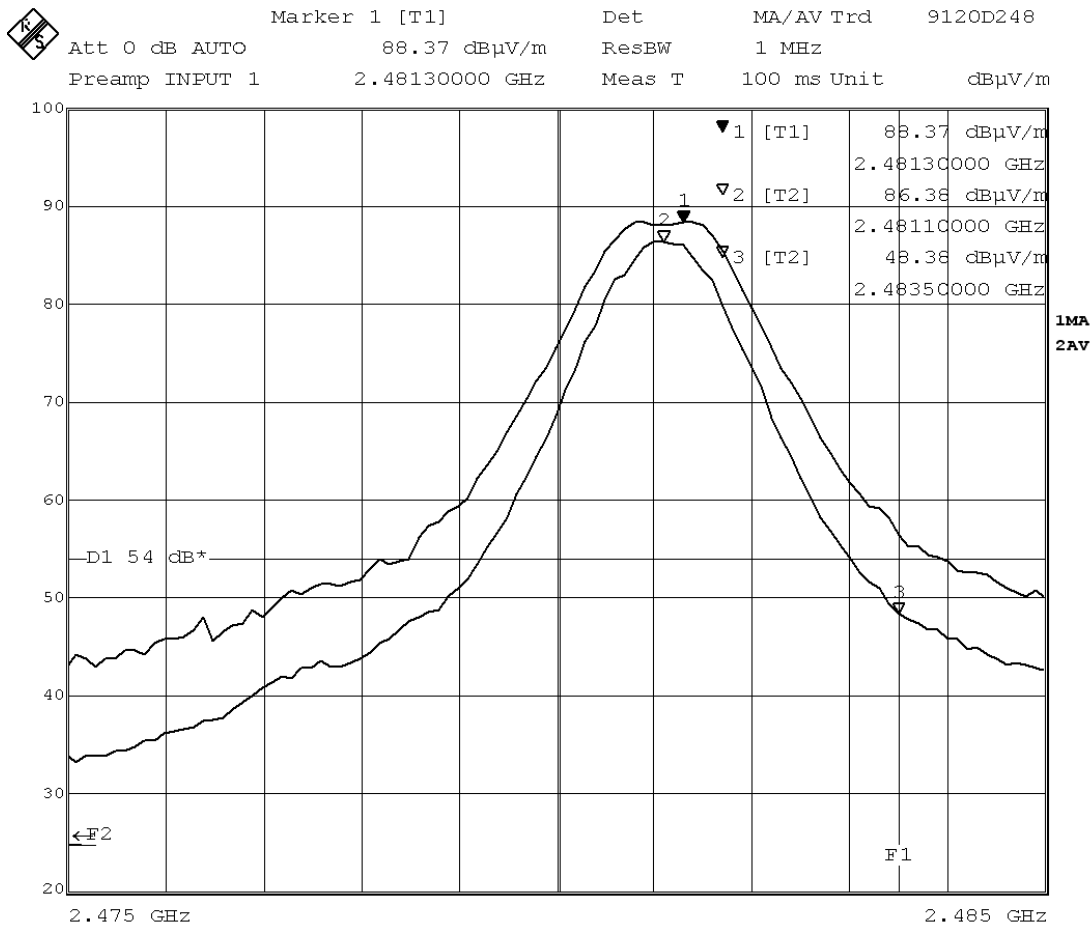
**Test of Sasse Elektronik GmbH Remote Control W13**  
**Model 4512-133-02901 (Receiver f. RemCon W13) to 47 CFR Part 15.249**



Title: Radiated Emissions Test  
 Comment B: Empfänger; TX mode, d=3m, fmid; Blade antenna, EUT:v bladeA  
 :h Ant:h  
 Date: 31.AUG.2004

**Plot 2.5: Bandedge Emissions, lower and upper bandedge; EUT with Blade Antenna operating at middle frequency**

**Test of Sasse Elektronik GmbH Remote Control W13**  
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Title: Radiated Emissions Test  
 Comment B: Empfänger; TX mode, d=3m, fhigh;Blade antenna,EUT:v bladeA:  
 h Ant:h  
 Date: 31.AUG.2004

Plot 2.6: Bandedge Emissions, upper bandedge; EUT with Blade Antenna operating at highest frequency