



**TEST REPORT nr. R08036801\_rev30**

**This test report cancel and replace document nr. R08036801\_rev20 date 18.06.08**

**Federal Communication Commission (FCC)**

**Test item**

Description.....: A528 - OEM UHF multiregional Compact Reader  
 Trademark.....: CAEN RFID  
 Model/Type.....: A528

**Test Specification**

Standard .....: See inside at page 3

**Client's name.....: CAEN RFID**

Address .....: Via Vetraia, 11 - 55049 Viareggio (LU) – ITALY

**Manufacturer's name.: Same ad client**

Address .....:

**Report**

Tested by.....: A. Bertezolo - *Technician*

Approved by.....: R. Beghetto - *Laboratory Manager*

Date of issue.....: 20.06.08

Contents .....: 109 pages

This test report shall not be reproduced except in full without the written approval of CMC.  
 The test results presented in this report relate only to the item tested.



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## Index

<b>1. SUMMARY .....</b>	<b>3</b>
<b>2. DESCRIPTION OF EQUIPMENT UNDER TEST (EUT) .....</b>	<b>4</b>
2.1 TEST SITE.....	4
<b>3. TESTING AND SAMPLING .....</b>	<b>4</b>
<b>4. OPERATIVE CONDITIONS.....</b>	<b>4</b>
<b>5. PHOTOGRAPH(S) OF EUT .....</b>	<b>5</b>
<b>6. EQUIPMENT LIST .....</b>	<b>7</b>
<b>7. MEASUREMENT UNCERTAINTY .....</b>	<b>8</b>
<b>8. REFERENCE DOCUMENTS .....</b>	<b>9</b>
<b>9. DEVIATION FROM TEST SPECIFICATION .....</b>	<b>10</b>
<b>10. TEST CASE VERDICTS.....</b>	<b>10</b>
<b>11. RESULTS.....</b>	<b>10</b>
11.1 BANDWIDTH .....	11
11.2 CHANNEL SEPARATION.....	12
11.3 AVERAGE TIME OF OCCUPANCY.....	13
11.4 NUMBER OF HOPPING CHANNELS .....	15
11.5 PEAK OUTPUT POWER .....	16
11.6 BAND EDGE.....	17
11.7 CONDUCTED SPURIOUS.....	19
11.8 RADIATED SPURIOUS .....	20
11.9 EMISSION OF MAINS TERMINAL DISTURBANCE VOLTAGE (CONTINUOUS DISTURBANCE).....	22
11.10 MAXIMUM PERMISSIBLE EXPOSURE .....	23
<b>12. GRAPHS AND TABLES.....</b>	<b>24</b>



<b>1. Summary</b>			
Emission: FCC Rules & Regulations, Title 47			
Test specifications	Environmental Phenomena	Tests sequence	Result
Part 15.247(a)	Bandwidth	1	Complies
Part 15.247(a)	Channel Separation	2	Complies
Part 15.247(a)	Time of Occupancy	3	Complies
Part 15.247(a)	Number of Hopping Frequency	4	Complies
Part 15.247(b)	Peak Output Power conducted	5	Complies
Part 15.247(c)	Band Edge	6	Complies
Part 15.247(c) Part 15.209	Radiated Spurious	7	Complies
Part 15.247(c) Part 15.209	Conducted Spurious	8	Complies
Part 15.207	Conducted Emission	9	Complies

*The Test Report was given to the Client representatives for necessary documentation of ratification of the tested equipment and it is valid for the FCC certification.*



## 2. Description of Equipment under test (EUT)

Power supply..... : 5 Vdc from USB

Type of equipment ..... :  Transmitter Unit  Receiver Unit  
 Fixed station  Portable station  Mobile station

Receiver class ..... : --

Alignment range..... : 902,75 – 927,25 MHz

Switching frequency ..... : 902,75 – 927,25 MHz

Number of channels ..... : --

Channel separation..... : --

Modulation ..... : Link Profile 0: DSK-ASK 40kHz  
 Link Profile 2: RSK-ASK 40kHz  
 Link Profile 4: DSB-ASK 160kHz

Extreme conditions ..... : --

Maximum transmitter output power..... : --

Information on antenna..... :  Integrated  
 Extern  
 Other: See user's manual

Remark..... : The A528 Module, which is rated at 500mW output, cannot use an antenna with more than 3 dBi of gain. Use of any other antenna with a gain greater than 3 dBi may void the user's authority to operate the equipment.

### 2.1 Test Site

Company..... : CMC Centro Misure Compatibilità S.r.l.

Address ..... : Via dell'Elettronica, 12/C – 36016 Thiene (VI) – ITALY

## 3. Testing and sampling

Date of receipt of test item ..... : 22.02.08

Testing start date..... : 02.04.08

Testing end date..... : 10.04.08

Samples tested nr. .... : 1

Sampling procedure..... : Equipment used for testing was picked up by the manufacturer, at the end of the production process with random criterion

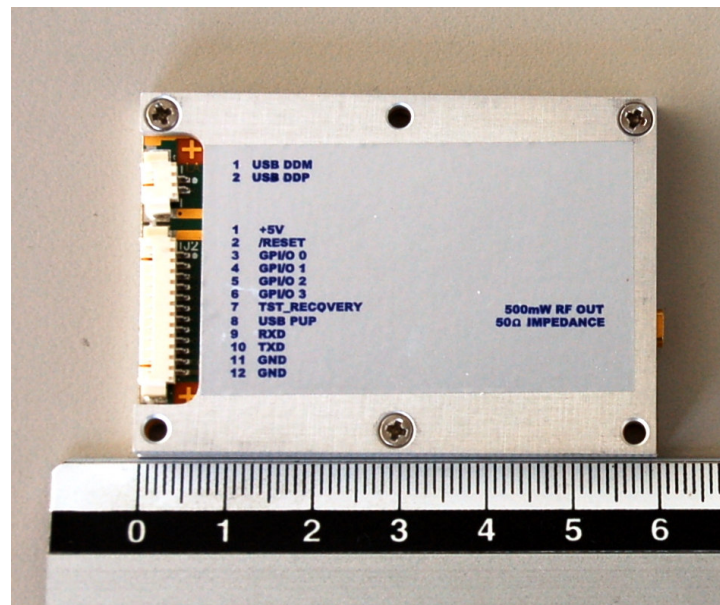
Internal identification..... : adhesive label with the product number P080235

## 4. Operative conditions

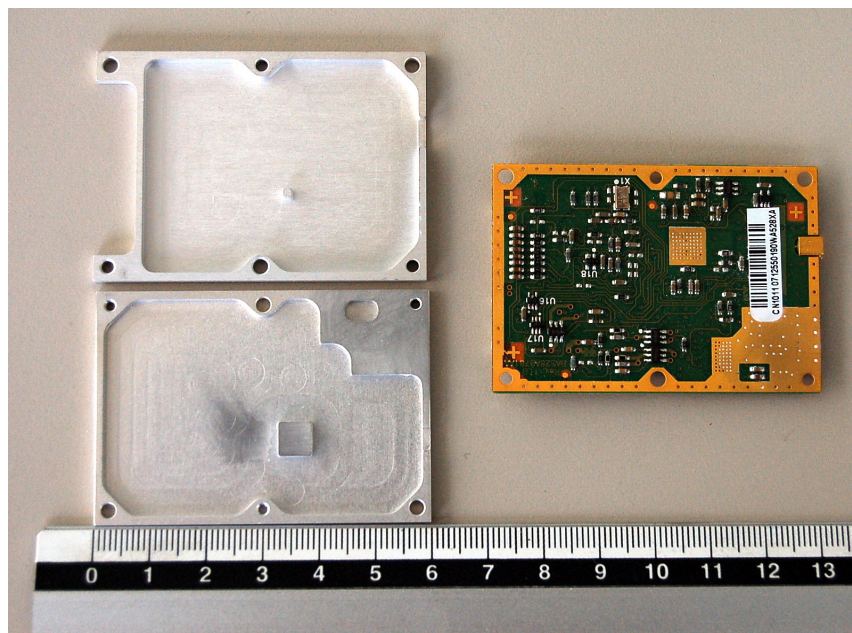
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5. Photograph(s) of EUT









## 6. Equipment list

<i>Id. number</i>	<i>Manufacturer</i>	<i>Model</i>	<i>Description</i>	<i>Serial number</i>	<i>Last calibration</i>	<i>Due date calibration</i>
CMC S001	Rohde & Schwarz	ESHS30	EMC interference receiver	862024/003	January '08	January '09
CMC S108	Emco	3115	Horn antenna	9811-5622	April '07	April '09
CMC S129	Rohde & Schwarz	ESPI7	Receiver	836.914/004	June '07	June '09
CMC S136	Schwarzbeck	VULB 9163	Broadband Antenna	9136-205	May '07	May '09
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052	December '07	December '08



## 7. Measurement uncertainty

<i>Test</i>	<i>Value</i>
Conducted disturbance test – continuous and discontinuous - (9 kHz – 30 MHz)	<b>2.1 dB</b>
Insertion loss test	<b>1.9 dB</b>
Radiated electromagnetic disturbance test (loop antenna)	<b>1.9 dB</b>
Radiated disturbance test	<b>4.7 dB</b>
Disturbance power test	<b>2.0 dB</b>
Harmonic current emissions test	<b>0.8 %</b>
Voltage fluctuation and flicker test	<b>6,2 %</b>
Electrostatic discharge immunity test	<b>&lt; 10 % I<sub>pk</sub></b>
	<b>&lt; 30 % I(30 ns)</b>
	<b>&lt; 30 % I(60ns)</b>
Electrical fast transients / burst immunity test	<b>&lt; 10 % V<sub>pk</sub></b>
	<b>&lt; 30 % Tr</b>
	<b>&lt; 30 % Td</b>
Radiated electromagnetic field immunity test	<b>0.7 V/m at 3V/m</b>
Pulse modulated radio-frequency electromagnetic field immunity test	<b>0.7 V/m at 3V/m</b>
Surge immunity test	<b>&lt; 10 % V<sub>pk</sub></b>
	<b>&lt; 20 % Tr</b>
	<b>&lt; 20 % Td</b>
Injected currents immunity test (150 kHz – 230 MHz)	<b>0.5 V at 3V</b>
Power frequency magnetic field immunity test	<b>0.6 A/m at 3 A/m</b>
Short interruption immunity test	<b>&lt; 5 %</b>





## 8. Reference documents

<i>Reference no.</i>	<i>Description</i>
FCC Rules and Regulation Title 47 part 15	--
ANSI C63.4	American National Standard for Methods of Measuring of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9kHz – 40GHz
Internal Procedure PM001 rev. 2.0 (Quality Manual)	Measure Procedure
Internal procedure INC_M rev. 6.0 (Quality Manual)	Measurement uncertainty calculation



**9. Deviation from test specification**

In agreement with the client, emission tests were performed with peak detector .  
 At the frequencies where the measures exceed the limit or within 6dB from it, the test was repeated with quasi-peak detector and/or average detector.

**10. Test case verdicts**

Test case does not apply to the test object..... : N / N.A.  
 Test item does meet the requirement ..... : P / Pass / Complies  
 Test item does not meet the requirement..... : F / Fail / Does not comply  
 Test not performed ..... : NE / Not Executed

**11. Results**

In this clause tests results are reported.  
 All measurements are done in accordance with the Filling and Measurement Guidelines for Frequency Hopping Spread Spectrum Systems DA-705  
 Measurement uncertainty is in accordance with document CMC INC\_M rev. 6.0.



## 11.1 Bandwidth

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 20 °C Atmospheric pressure 99 kPa Relative humidity 48 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247(a)
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Result

Channel	Modulation	Frequency	Graph(s)	Bandwidth	Remark
0	Link profile 0	902,75 MHz	G08036801	88 kHz	--
0	Link profile 2	902,75 MHz	G08036802	84 kHz	--
0	Link profile 4	902,75 MHz	G08036803	335 kHz	--
25	Link profile 0	915,25 MHz	G08036804	88 kHz	--
25	Link profile 2	915,25 MHz	G08036805	87 kHz	--
25	Link profile 4	915,25 MHz	G08036806	399 kHz	--
49	Link profile 0	927,25 MHz	G08036807	88 kHz	--
49	Link profile 2	927,25 MHz	G08036808	86 kHz	--
49	Link profile 4	927,25 MHz	G08036809	320 kHz	--

Measurement uncertainty: ±1 kHz

### Remarks //////////////

**Reference documents** See clause 8 of this test report

**Test equipment used (Id number – see clause 6 of this test report)**

CMC S129

**Result** The requirements are met



## 11.2 Channel Separation

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 20 °C Atmospheric pressure 99 kPa Relative humidity 48 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247(a)
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Acceptance limits

Limit: Minimum 25kHz or the 20dB Bandwidth of the hopping system

### Result

Port	Modulation	Graph(s)	Channel Separation	Remark
Enclosure	Link profile 0	G08036810	500 kHz	--
Enclosure	Link profile 2	G08036811	500 kHz	--
Enclosure	Link profile 4	G08036812	500 kHz	--

Measurement uncertainty: ±1kHz

### Remarks

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### Reference documents

See clause 8 of this test report

### Test equipment used (Id number – see clause 6 of this test report)

CMC S129

### Result

The requirements are met



### 11.3 Average Time of Occupancy

#### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

#### Environmental conditions

Temperature 21 °C Atmospheric pressure 99 kPa Relative humidity 49 %

#### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247(a)
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

#### Test specification

Port: Antenna;

#### EUT exercising

See clause 4 of this test report

#### Acceptance limits

0.4 s within 20 s period

#### Result

Channel	Modulation	Graph(s)	Dwell time	Remark
25	Link profile 0	G08036813	49,8 ms	--
25	Link profile 2	G08036814	30,0 ms	--
25	Link profile 4	G08036815	9,2 ms	--

Channel	Modulation	Time between two transmission	Nr. of hopping frequency	Nr. of transmission for channel	Time of Occupancy	Remarks
25	Link profile 0	74,2 ms	50	20s/0,0742/50 = 5,39	5,39x49,8= 268,4 ms	--
25	Link profile 2	64,2 ms	50	20s/0,0642/50 = 6,23	6,23x30,0= 186,9 ms	--
25	Link profile 4	30,2 ms	50	20s/0,0302/50 = 13,24	13,24x9,2= 121,8 ms	--

Measurement uncertainty:  $\pm 1\mu\text{s}$  x nr. of channels



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Via dell'Electronica, 12/C  
36016 Thiene (VI)



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## Remarks

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## Reference documents

See clause 8 of this test report

## Test equipment used (Id number – see clause 6 of this test report)

CMC S129

## Result

The requirements are met





### 11.4 Number of Hopping Channels

#### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

#### Environmental conditions

Temperature 22 °C Atmospheric pressure 99 kPa Relative humidity 46 %

#### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247(a)
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

#### Test specification

Port: Antenna;

#### EUT exercising

See clause 4 of this test report

#### Result

Port	Modulation	Graph(s)	Number of Hopping Frequency	Remark
Enclosure	Link profile 0	G08036816	50	--
Enclosure	Link profile 2	G08036817	50	--
Enclosure	Link profile 4	G08036818	50	--

#### Remarks

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#### Reference documents

See clause 8 of this test report

#### Test equipment used (Id number – see clause 6 of this test report)

CMC S129

#### Result

The requirements are met



## 11.5 Peak Output Power

### Test configuration and test method

Test site Laboratory  
Auxiliary equipment None

### Environmental conditions

Temperature 22 °C Atmospheric pressure 99 kPa Relative humidity 46 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247(b)
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Acceptance limits

Frequency range	RF power output
902 – 928 MHz	1,0 W / 30dBm

### Result

Channel	Modulation	Graphs	Results	Remark
0	Link profile 0	G08036887*	26,6 dBm	--
0	Link profile 2	G08036888*	26,5 dBm	--
0	Link profile 4	G08036889*	26,5 dBm	--
25	Link profile 0	G08036890*	26,5 dBm	--
25	Link profile 2	G08036891*	26,4 dBm	--
25	Link profile 4	G08036892*	26,3 dBm	--
49	Link profile 0	G08036893*	26,0 dBm	--
49	Link profile 2	G08036894*	25,9 dBm	--
49	Link profile 4	G08036895*	26,0 dBm	--

### Remarks

\* Used +20dBm of attenuation during the test.

### Reference documents

See clause 8 of this test report

### Test equipment used (Id number – see clause 6 of this test report)

CMC S129

### Result

The requirements are met



## 11.6 Band Edge

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 20 °C Atmospheric pressure 99 kPa Relative humidity 46 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247(c)
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Acceptance limits

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in section 15.209(a) is not required. In addition, radiated emission which fall in the restricted bands, as defined in section 15.205(a), must also comply with the radiated emission limits specified in section 15.209(a) (see section 15.205(c)).

### Result

Channel	Modulation	Graph(s)	Attenuation Band Edge	Remark
0	Link profile 0	G08036828	> 20dBc	Hopping disable
0	Link profile 2	G08036829	> 20dBc	Hopping disable
0	Link profile 4	G08036830	> 20dBc	Hopping disable
49	Link profile 0	G08036831	> 20dBc	Hopping disable
49	Link profile 2	G08036832	> 20dBc	Hopping disable
49	Link profile 4	G08036833	> 20dBc	Hopping disable
0	Link profile 0	G08036834	> 20dBc	Hopping enable
0	Link profile 2	G08036835	> 20dBc	Hopping enable
0	Link profile 4	G08036836	> 20dBc	Hopping enable
49	Link profile 0	G08036837	> 20dBc	Hopping enable
49	Link profile 2	G08036838	> 20dBc	Hopping enable
49	Link profile 4	G08036839	> 20dBc	Hopping enable
Measurement uncertainty: ±1dB				



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## Remarks

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## Reference documents

See clause 8 of this test report

## Test equipment used (Id number – see clause 6 of this test report)

CMC S129

## Result

The requirements are met



## 11.7 Conducted Spurious

### Test configuration and test method

Test site Semi-anechoic chamber  
 Auxiliary equipment None

### Environmental conditions

Temperature 19 °C Atmospheric pressure 100 kPa Relative humidity 42 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247(c) and Part 15.209
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Acceptance limits

In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or radiated measurement. Attenuation below the general limits specified in cl. 15.209(a) is not required. In addition, radiated which fall in the restricted bands, as defined in cl. 15.205(a), must also comply with the radiated emission limits specified in cl. 15.209(a).

### Result

Channel	Modulation	Graph(s)	Remarks	Result
0	Link profile 0	G08036876	--	Complies
0	Link profile 2	G08036877	--	Complies
0	Link profile 4	G08036878	--	Complies
25	Link profile 0	G08036879	--	Complies
25	Link profile 2	G08036880	--	Complies
25	Link profile 4	G08036881	--	Complies
49	Link profile 0	G08036882	--	Complies
49	Link profile 2	G08036883	--	Complies
49	Link profile 4	G08036884	--	Complies

### Remarks

//////////

### Reference documents

See clause 8 of this test report

### Test equipment used (Id number – see clause 6 of this test report)

CMC S164

Measurement uncertainty: See clause 7 of this test report

**Result** The requirements are met



## 11.8 Radiated Spurious

### Test configuration and test method

Test site Semi-anechoic chamber  
 Auxiliary equipment None

### Environmental conditions

Temperature 19 °C Atmospheric pressure 100 kPa Relative humidity 42 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.247(c) and Part 15.209
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

For measurements below 1GHz the resolution bandwidth is set to 100kHz.

For measurements above 1GHz the resolution bandwidth is set to 1MHz.

### EUT exercising

See clause 4 of this test report

### Acceptance limits

In any 100kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in cl. 15.205(a), must also comply with the radiated emission limits specified in cl. 15.209(a) (see cl.15.205(c)).

### Result

Channel	Modulation	Polarization	Frequency Range (MHz)	Graph(s) (peak measurements)	Remarks	Result
0	Link profile 0	Horizontal	30 – 1000	G08036840	--	Complies
0	Link profile 0	Vertical	30 – 1000	G08036841	--	Complies
0	Link profile 2	Horizontal	30 – 1000	G08036842	--	Complies
0	Link profile 2	Vertical	30 – 1000	G08036843	--	Complies
0	Link profile 4	Horizontal	30 – 1000	G08036844	--	Complies
0	Link profile 4	Vertical	30 – 1000	G08036845	--	Complies
25	Link profile 0	Horizontal	30 – 1000	G08036846	--	Complies
25	Link profile 0	Vertical	30 – 1000	G08036847	--	Complies
25	Link profile 2	Horizontal	30 – 1000	G08036848	--	Complies
25	Link profile 2	Vertical	30 – 1000	G08036849	--	Complies
25	Link profile 4	Horizontal	30 – 1000	G08036850	--	Complies
25	Link profile 4	Vertical	30 – 1000	G08036851	--	Complies
49	Link profile 0	Horizontal	30 – 1000	G08036852	--	Complies
49	Link profile 0	Vertical	30 – 1000	G08036853	--	Complies
49	Link profile 2	Horizontal	30 – 1000	G08036854	--	Complies
49	Link profile 2	Vertical	30 – 1000	G08036855	--	Complies
49	Link profile 4	Horizontal	30 – 1000	G08036856	--	Complies
49	Link profile 4	Vertical	30 – 1000	G08036857	--	Complies





<i>Channel</i>	<i>Modulation</i>	<i>Polarization</i>	<i>Frequency Range (MHz)</i>	<i>Graph(s) (peak measurements)</i>	<i>Remarks</i>	<i>Result</i>
49	Link profile 0	Horizontal	1000 – 10000	G08036858	--	Complies
49	Link profile 0	Vertical	1000 – 10000	G08036859	--	Complies
49	Link profile 2	Horizontal	1000 – 10000	G08036860	--	Complies
49	Link profile 2	Vertical	1000 – 10000	G08036861	--	Complies
49	Link profile 4	Horizontal	1000 – 10000	G08036862	--	Complies
49	Link profile 4	Vertical	1000 – 10000	G08036863	--	Complies
25	Link profile 0	Horizontal	1000 – 10000	G08036864	--	Complies
25	Link profile 0	Vertical	1000 – 10000	G08036865	--	Complies
25	Link profile 2	Horizontal	1000 – 10000	G08036866	--	Complies
25	Link profile 2	Vertical	1000 – 10000	G08036867	--	Complies
25	Link profile 4	Horizontal	1000 – 10000	G08036868	--	Complies
25	Link profile 4	Vertical	1000 – 10000	G08036869	--	Complies
0	Link profile 0	Horizontal	1000 – 10000	G08036870	--	Complies
0	Link profile 0	Vertical	1000 – 10000	G08036871	--	Complies
0	Link profile 2	Horizontal	1000 – 10000	G08036872	--	Complies
0	Link profile 2	Vertical	1000 – 10000	G08036873	--	Complies
0	Link profile 4	Horizontal	1000 – 10000	G08036874	--	Complies
0	Link profile 4	Vertical	1000 – 10000	G08036875	--	Complies

### Remarks

During the test, the EUT was connected with antenna mod. WANTENNAX010.

### Reference documents

See clause 8 of this test report

### Test equipment used (Id number – see clause 6 of this test report)

CMC S108, CMC S136, CMC S164

Measurement uncertainty: See clause 7 of this test report

### Result

The requirements are met



## 11.9 Emission of mains terminal disturbance voltage (continuous disturbance)

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 20 °C Atmospheric pressure 99 kPa Relative humidity 45 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 15.207
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: AC mains

### EUT exercising

See clause 4 of this test report

### Acceptance limits

<i>Limits</i>		
<i>Frequency range (MHz)</i>	<i>dB(μV) Quasi-peak</i>	<i>dB(μV) Average</i>
0,15 to 0,50	66 to 56	56 to 46
0,50 to 5	56	46
5 to 30	60	50

### Result

<i>Line</i>	<i>Graphs</i>	<i>Remarks</i>	<i>Result</i>
Line – (0V)	G08036885	--	Complies
Line + (5V)	G08036886	--	Complies

#### Graphs Legend

PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a X  
 AV: Average; AV [1s] (average at 1 second) values are marked with a +

### Remarks

//////////

### Reference documents

See clause 8 of this test report

### Test equipment used (Id number – see clause 6 of this test report)

CMC S001  
 Measurement uncertainty: See clause 7 of this test report

### Result

The requirements are met



## 11.10 Maximum permissible Exposure

### Test configuration and test method

Test site Laboratory  
 Auxiliary equipment See clause 4 of this test report

### Environmental conditions

Temperature 21 °C Atmospheric pressure 100 kPa Relative humidity 45 %

### Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 1.1310
- DA 00-705, march 30, 2000
- Internal Procedure PM001
- See clause 4 of this test report

### Test specification

Port: Antenna;

### EUT exercising

See clause 4 of this test report

### Acceptance limits

915/1500 mW/cm<sup>2</sup> = 0,61 mW/cm<sup>2</sup> max at 20cm of distance

### Result

Power Density Limit (mW/cm <sup>2</sup> )	Output Power (mW)	Antenna Gain (G)	Power Density at 20cm (mW/cm <sup>2</sup> )	Remarks
0,61	457,1	2	0,18	Measured
0,61	500	2	0,20	Declared

### Remarks

Power Density = (P x G) / (4πR<sup>2</sup>)

### Reference documents

See clause 8 of this test report

### Test equipment used (Id number – see clause 6 of this test report)

CMC S129

Measurement uncertainty: See clause 7 of this test report

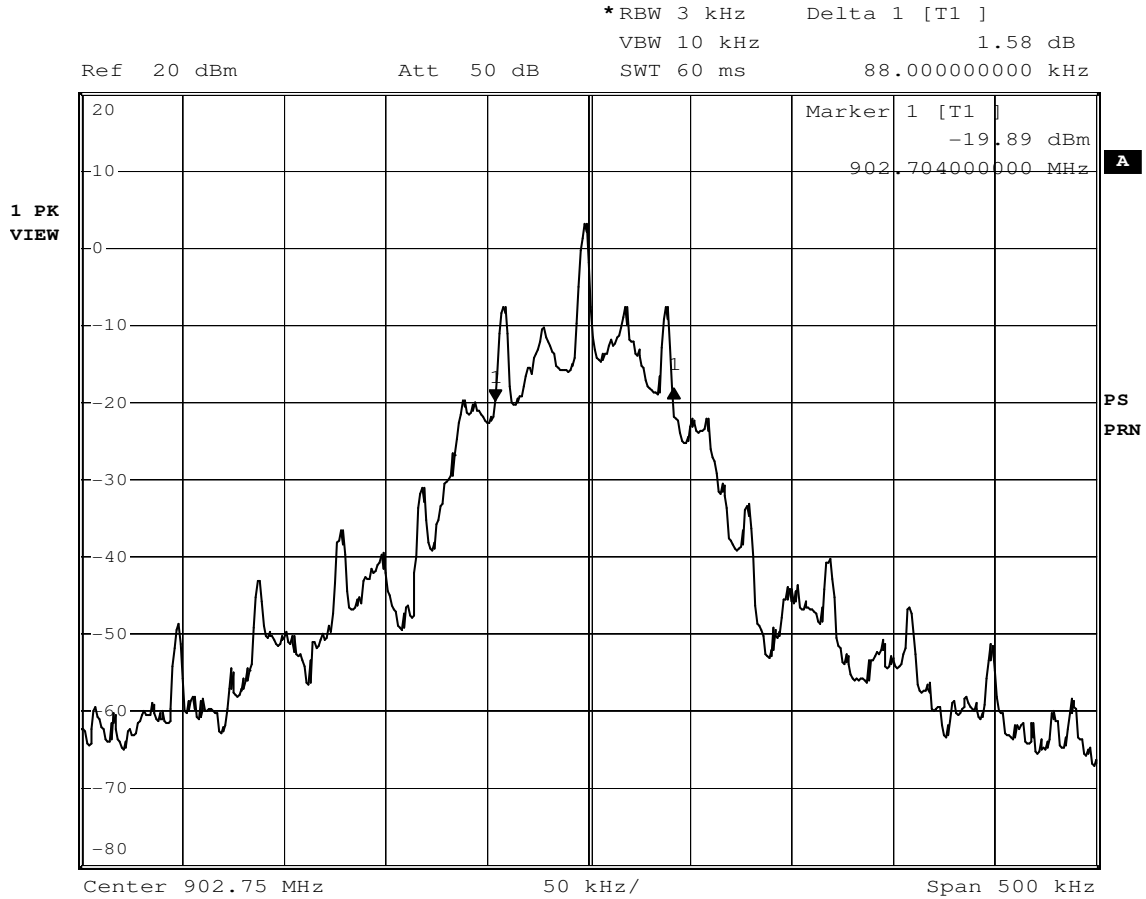
### Result

The requirements are met



## 12. Graphs and Tables

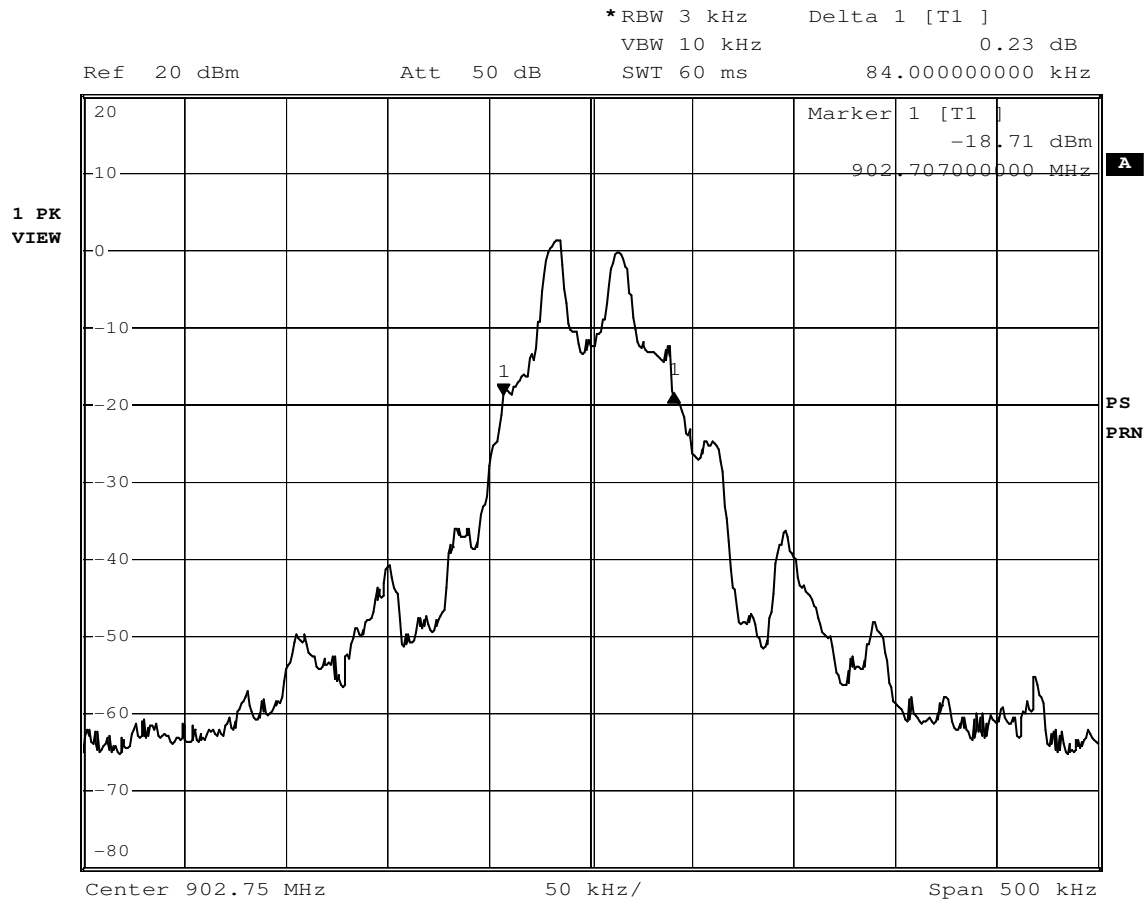
G08036801



Date: 2.APR.2008 15:27:02



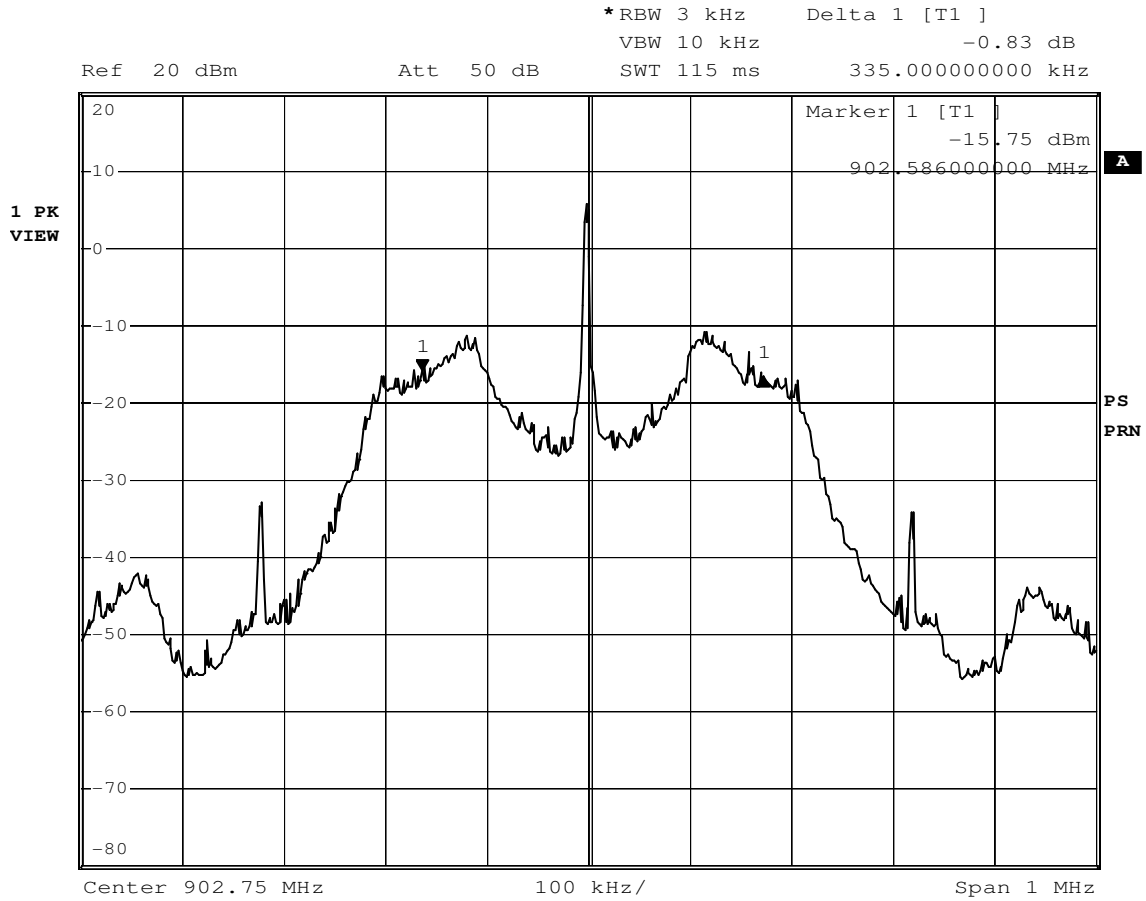
### G08036802



Date: 2.APR.2008 15:28:22



### G08036803

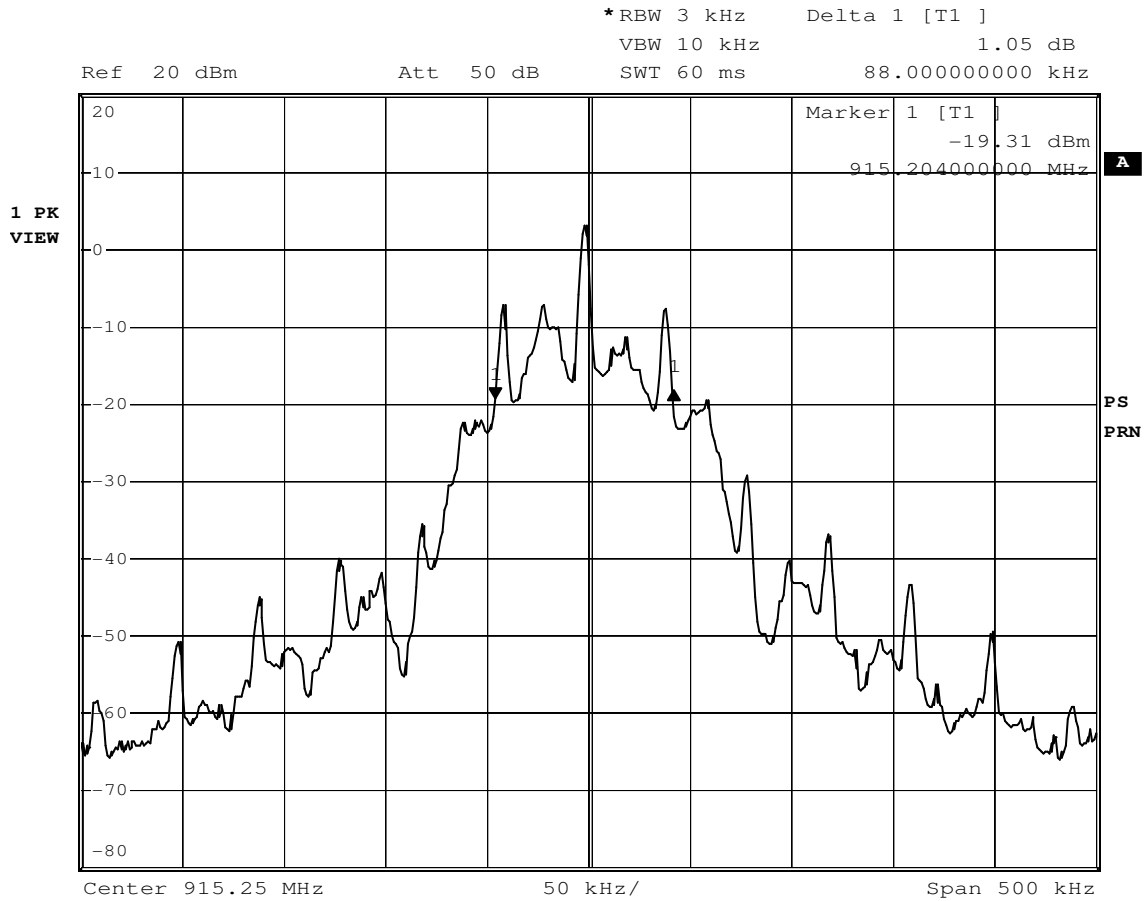


Date: 2.APR.2008 15:31:57





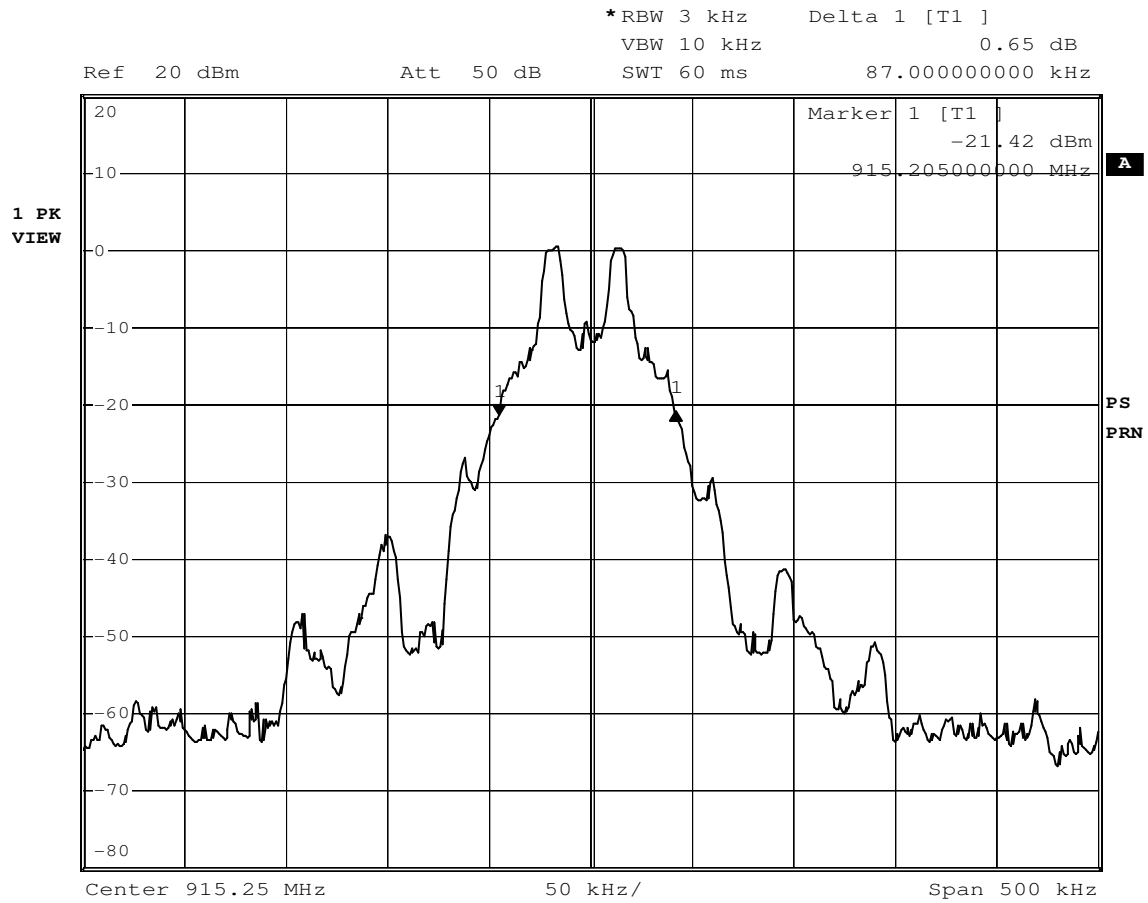
G08036804



Date: 2.APR.2008 15:25:19



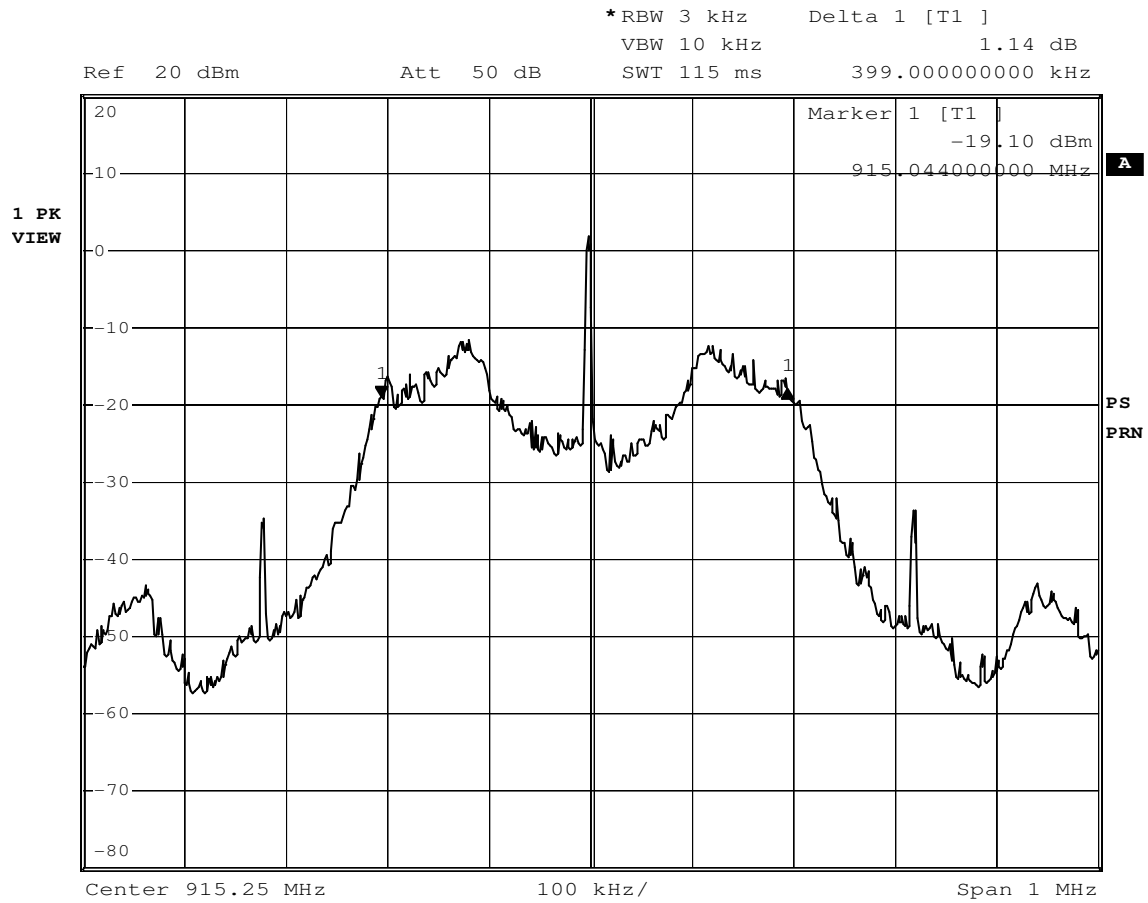
### G08036805



Date: 2.APR.2008 15:22:53



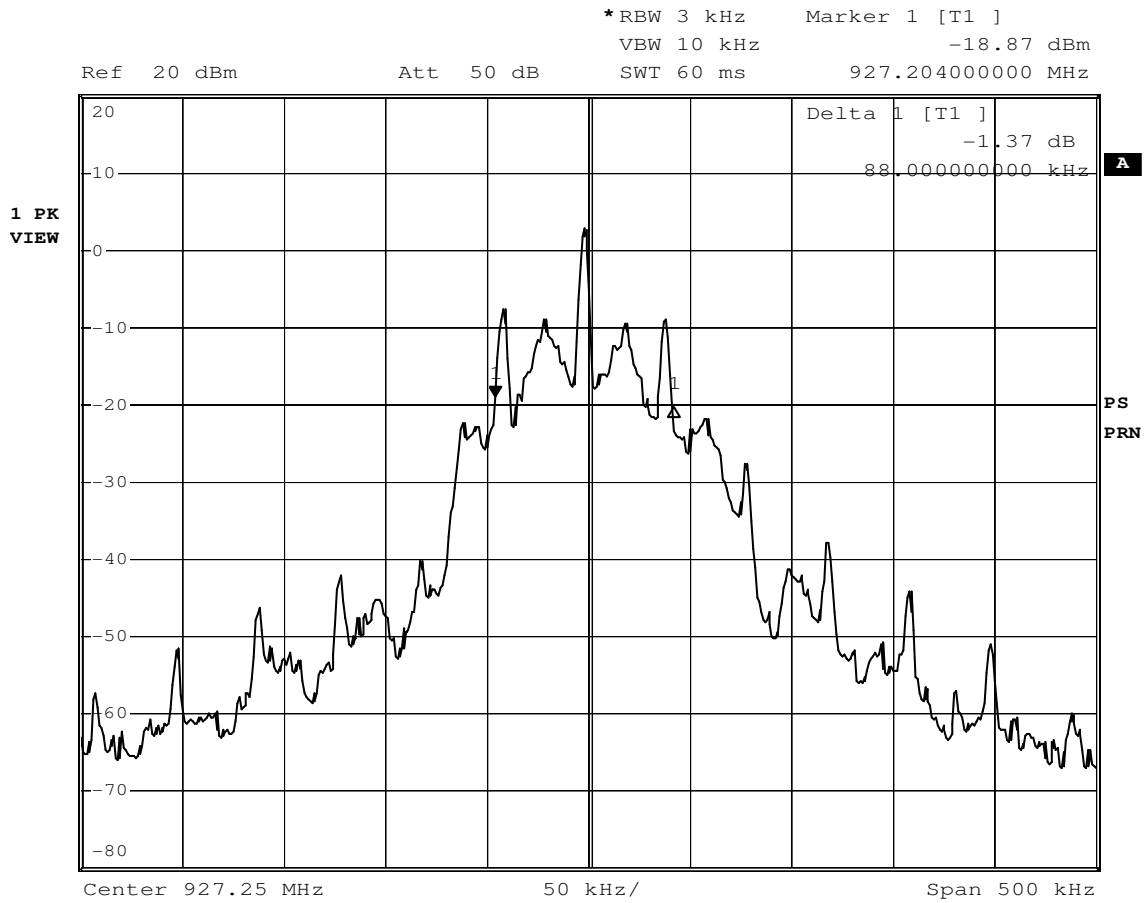
### G08036806



Date: 2.APR.2008 15:21:05



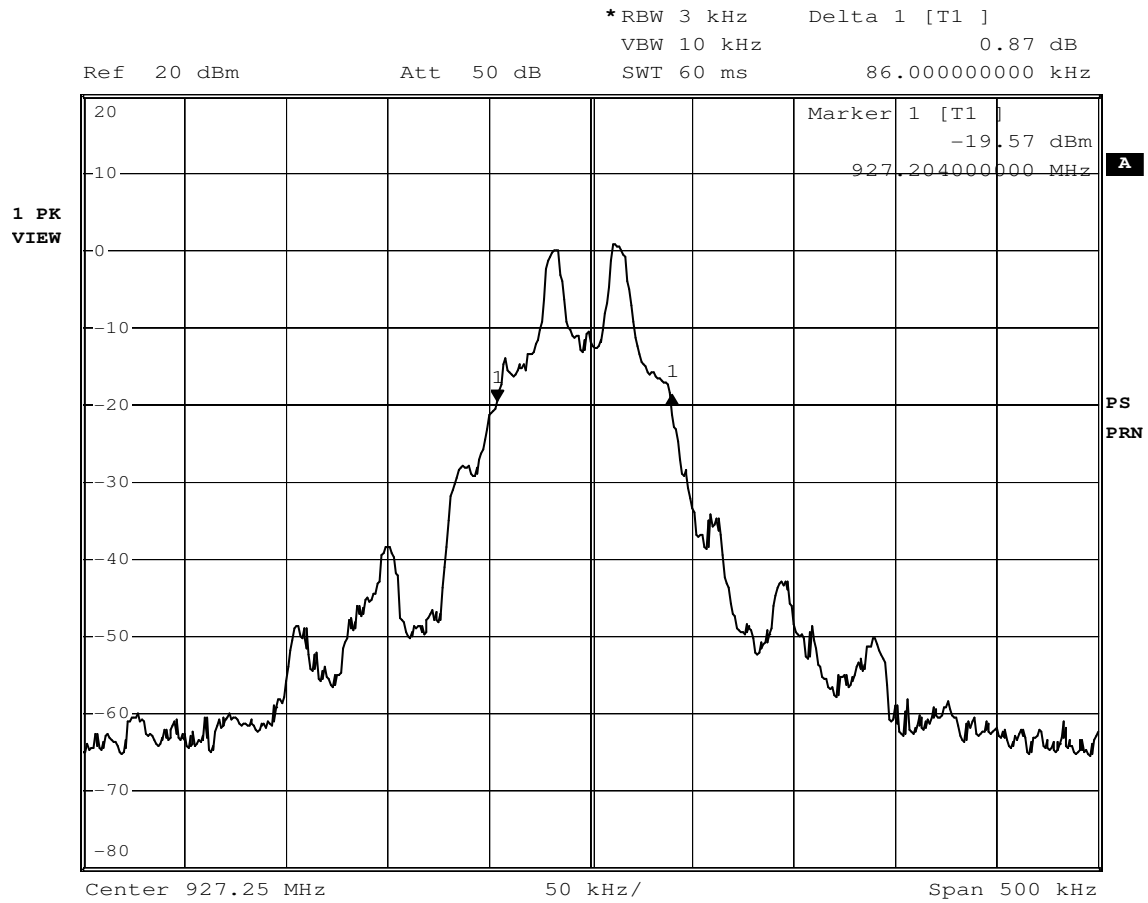
G08036807



Date: 2.APR.2008 15:38:23



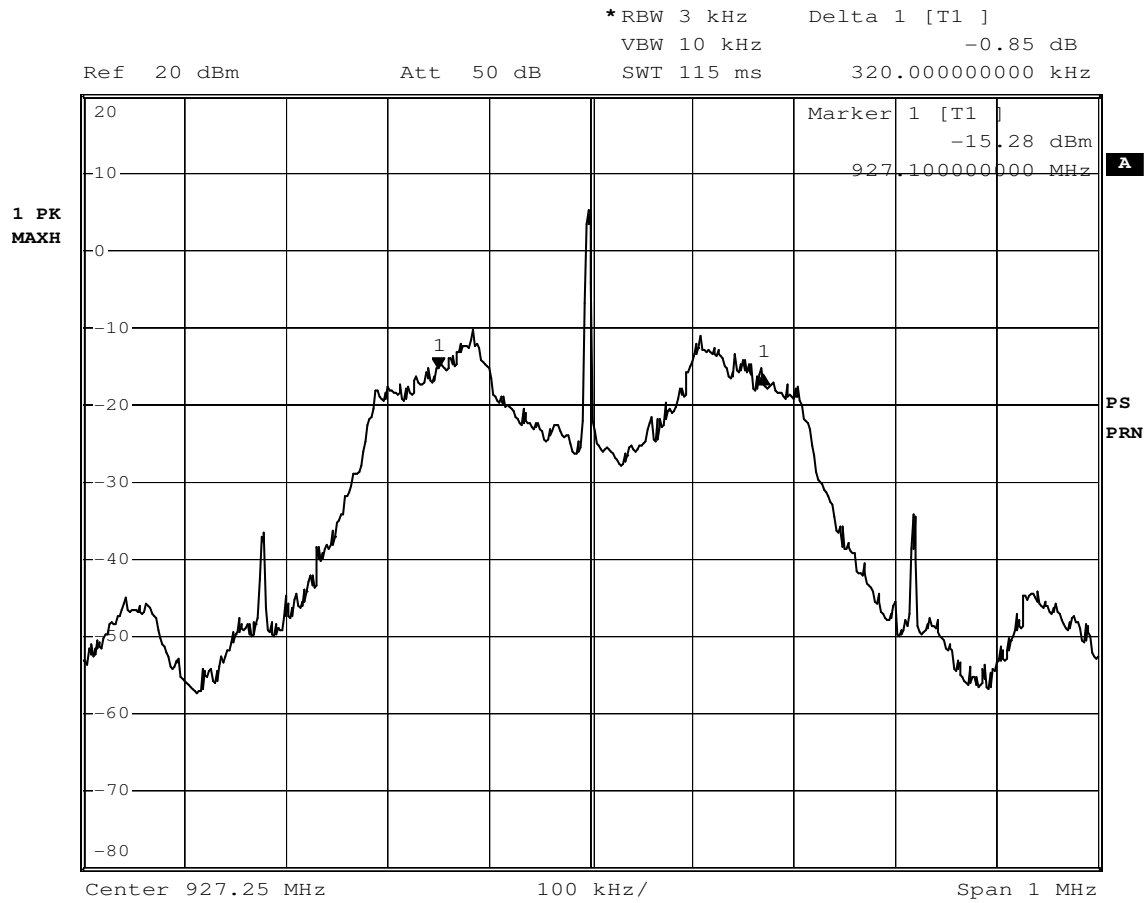
### G08036808



Date: 2.APR.2008 15:39:49



### G08036809

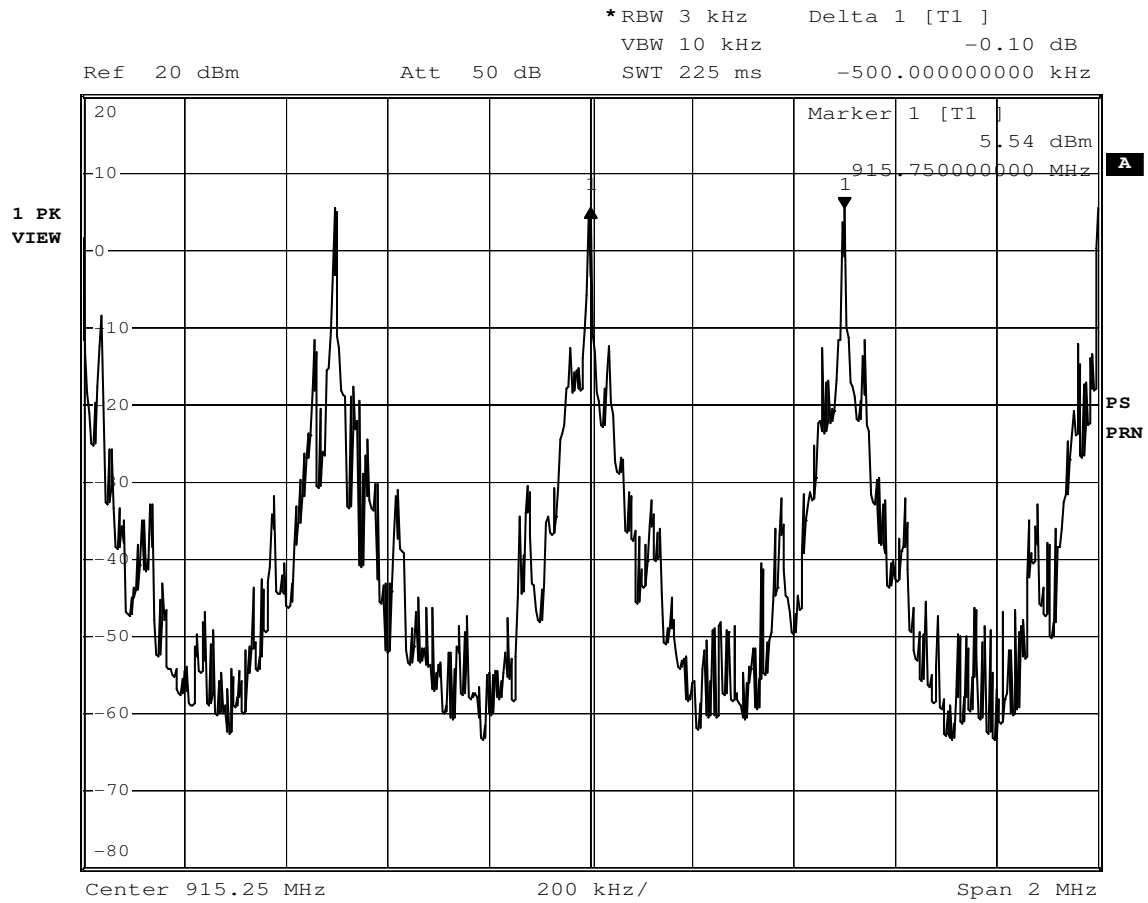


Date: 2.APR.2008 15:41:45





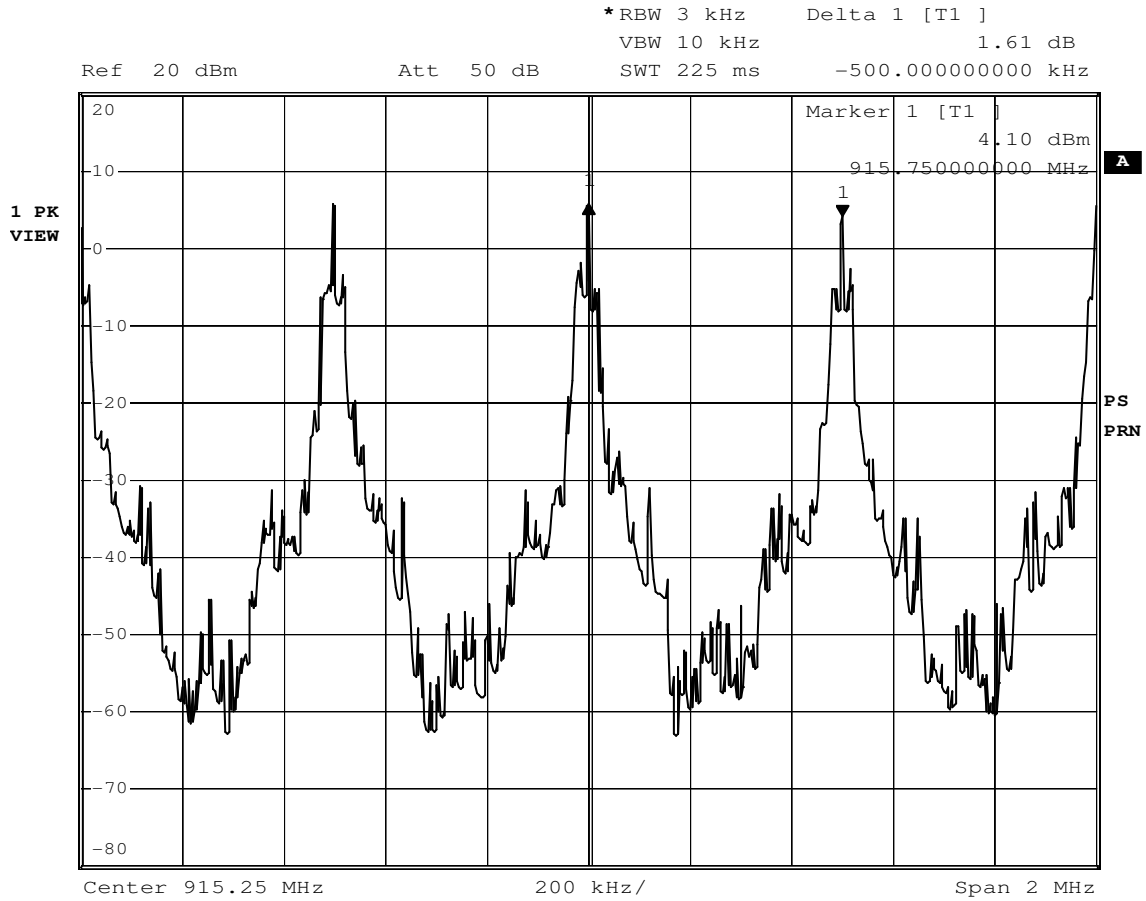
### G08036810



Date: 2.APR.2008 15:54:44



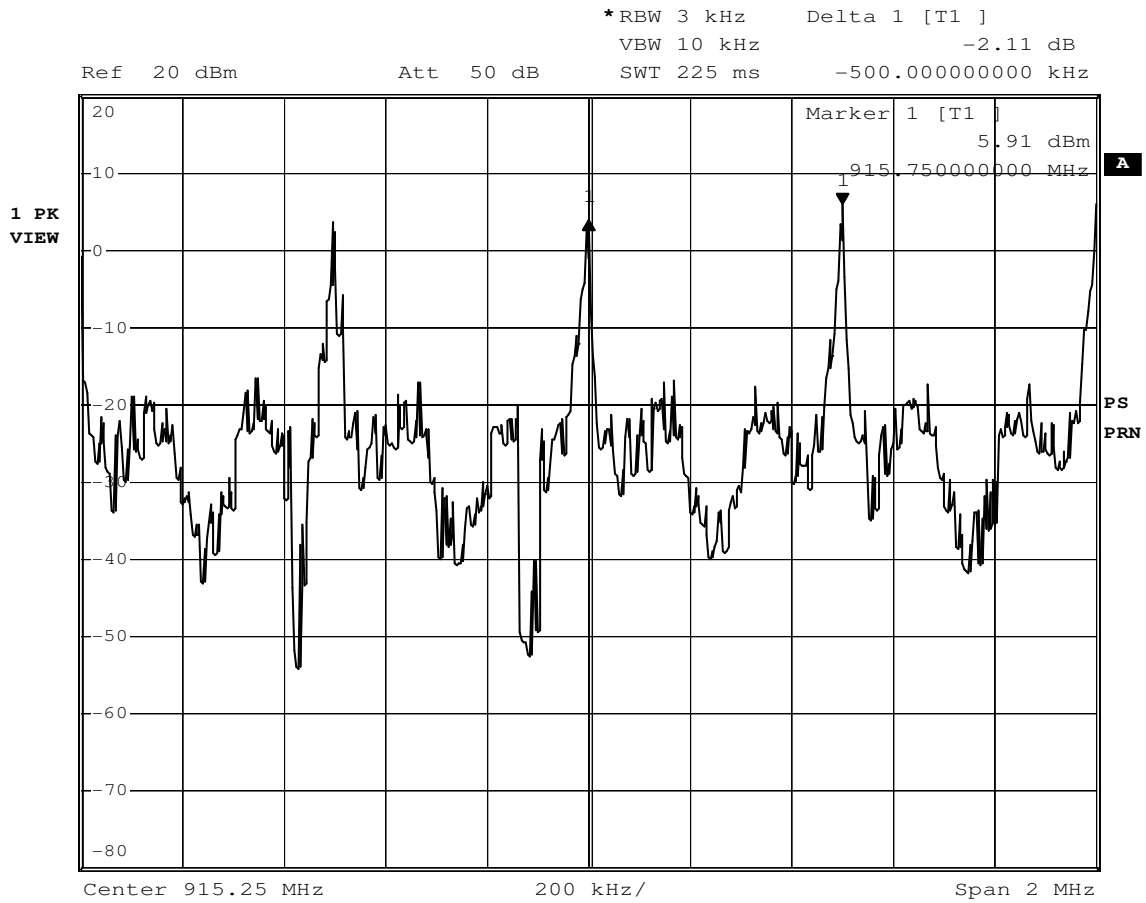
G08036811



Date: 2.APR.2008 15:59:57



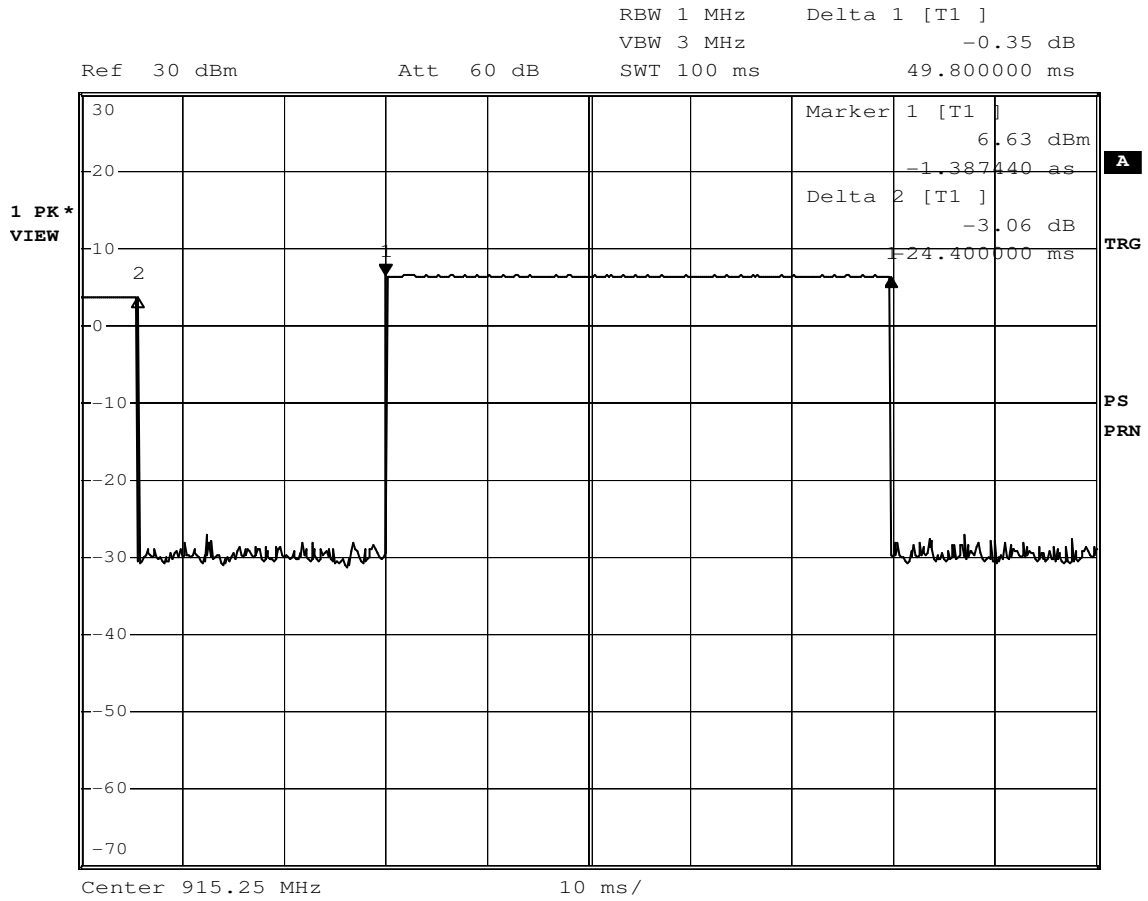
### G08036812



Date: 2.APR.2008 16:04:49



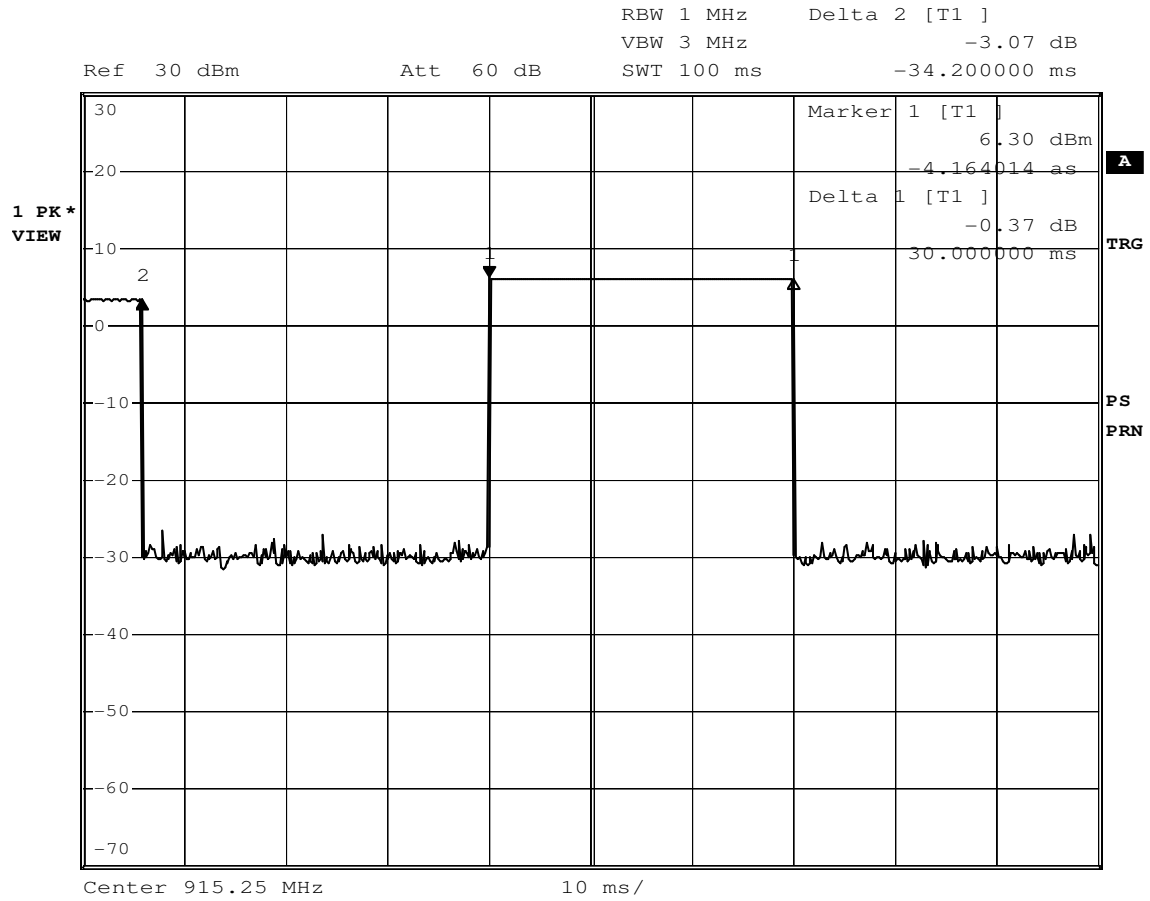
### G08036813



Date: 3.APR.2008 08:50:06



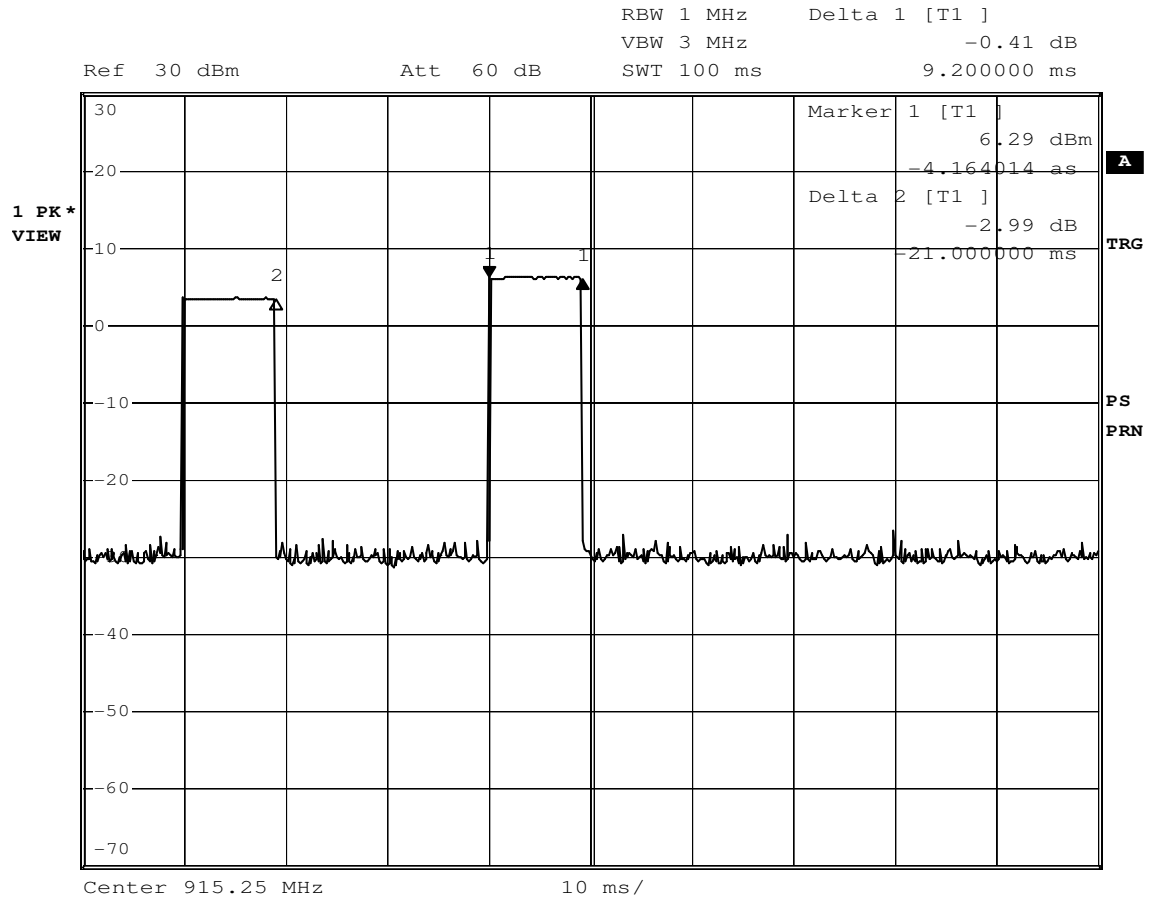
### G08036814



Date: 3.APR.2008 08:54:55



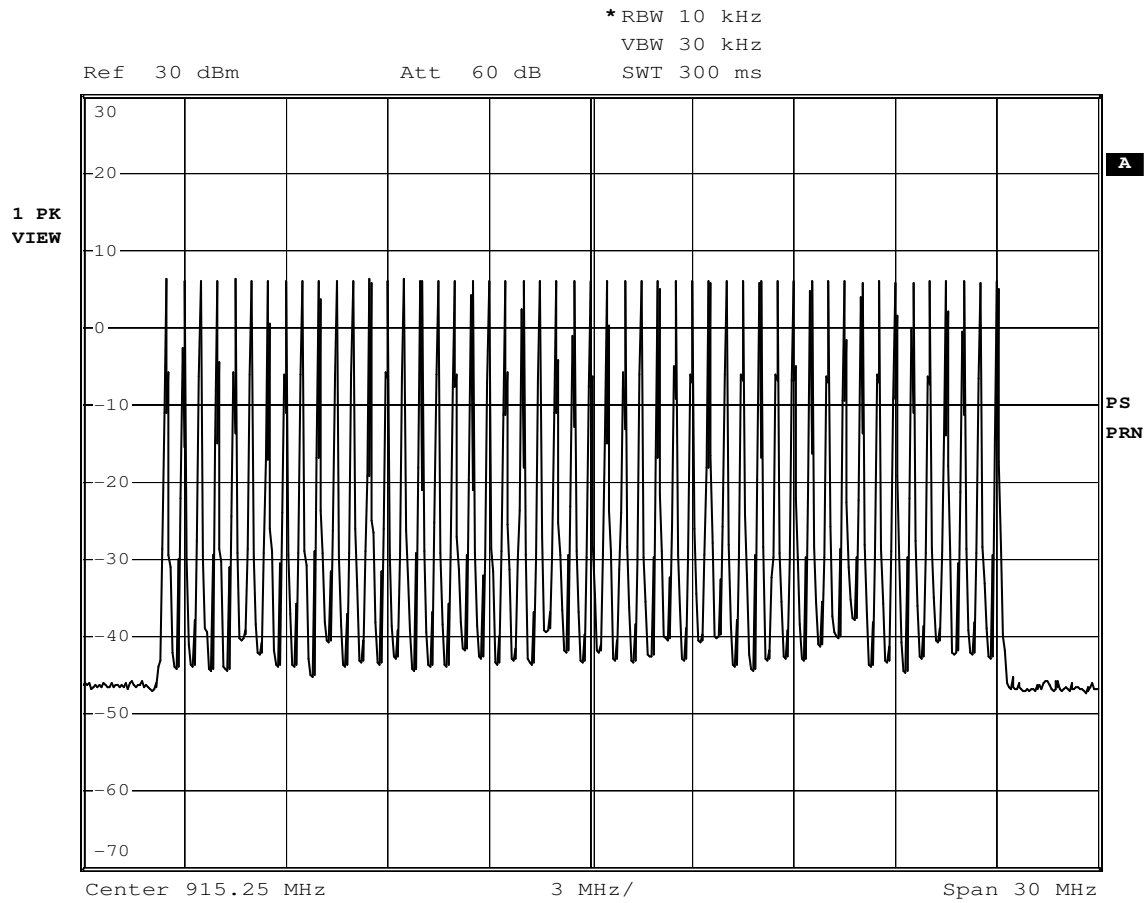
### G08036815



Date: 3.APR.2008 09:10:19



### G08036816



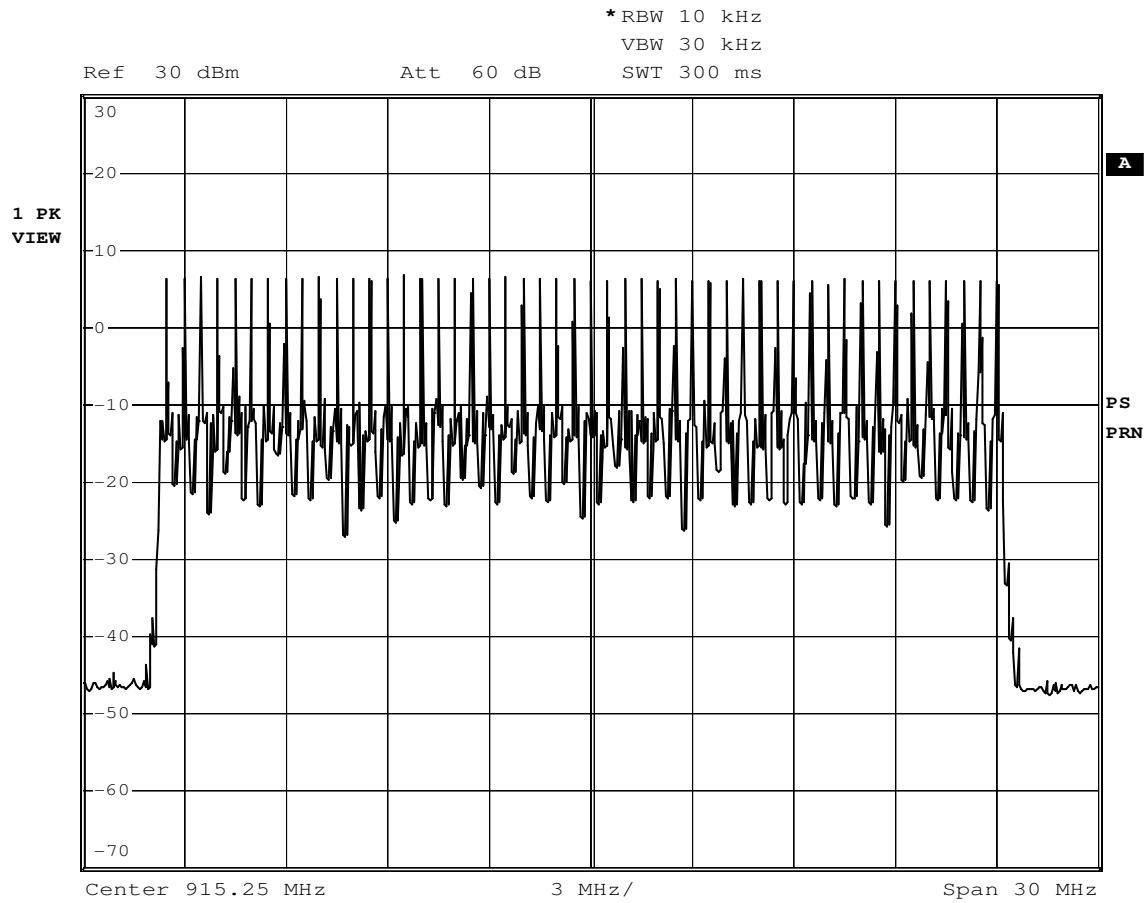
Date: 3.APR.2008 09:43:15







### G08036818

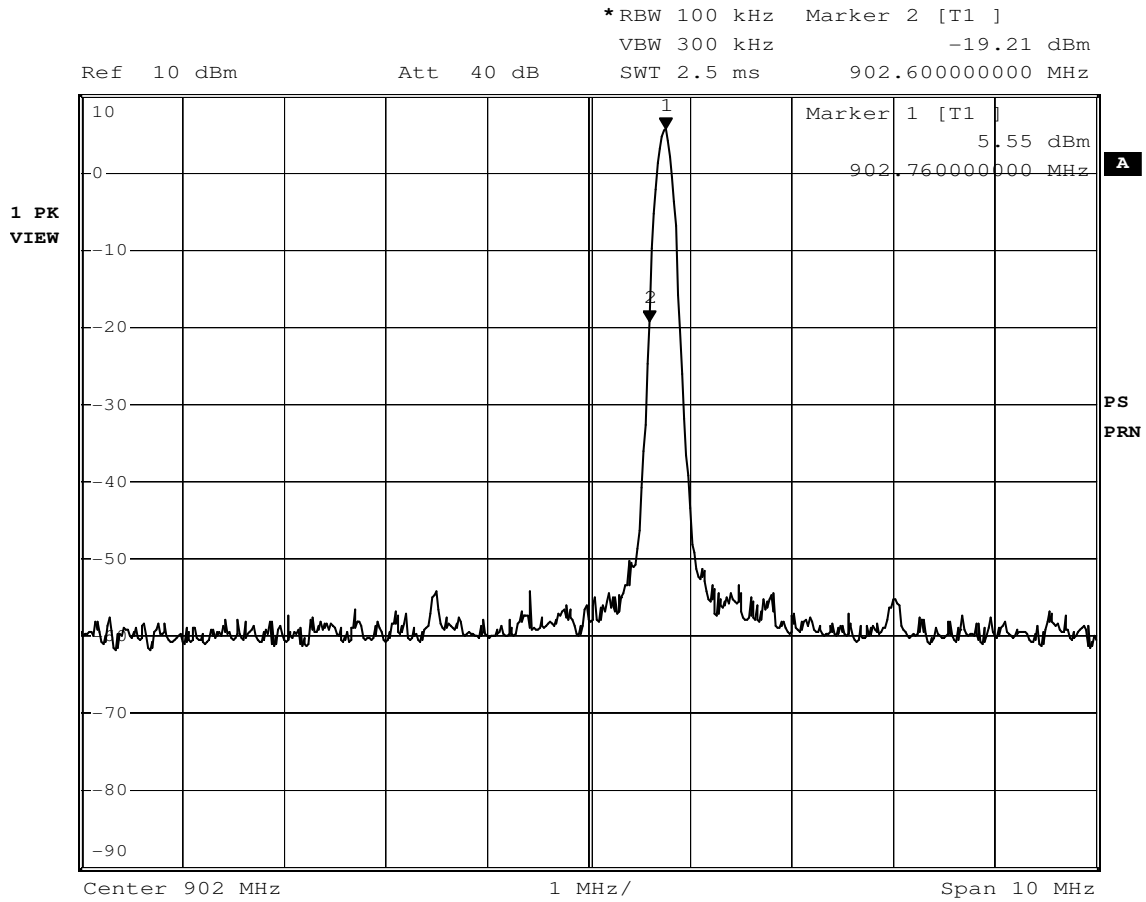


Date: 3.APR.2008 10:12:50





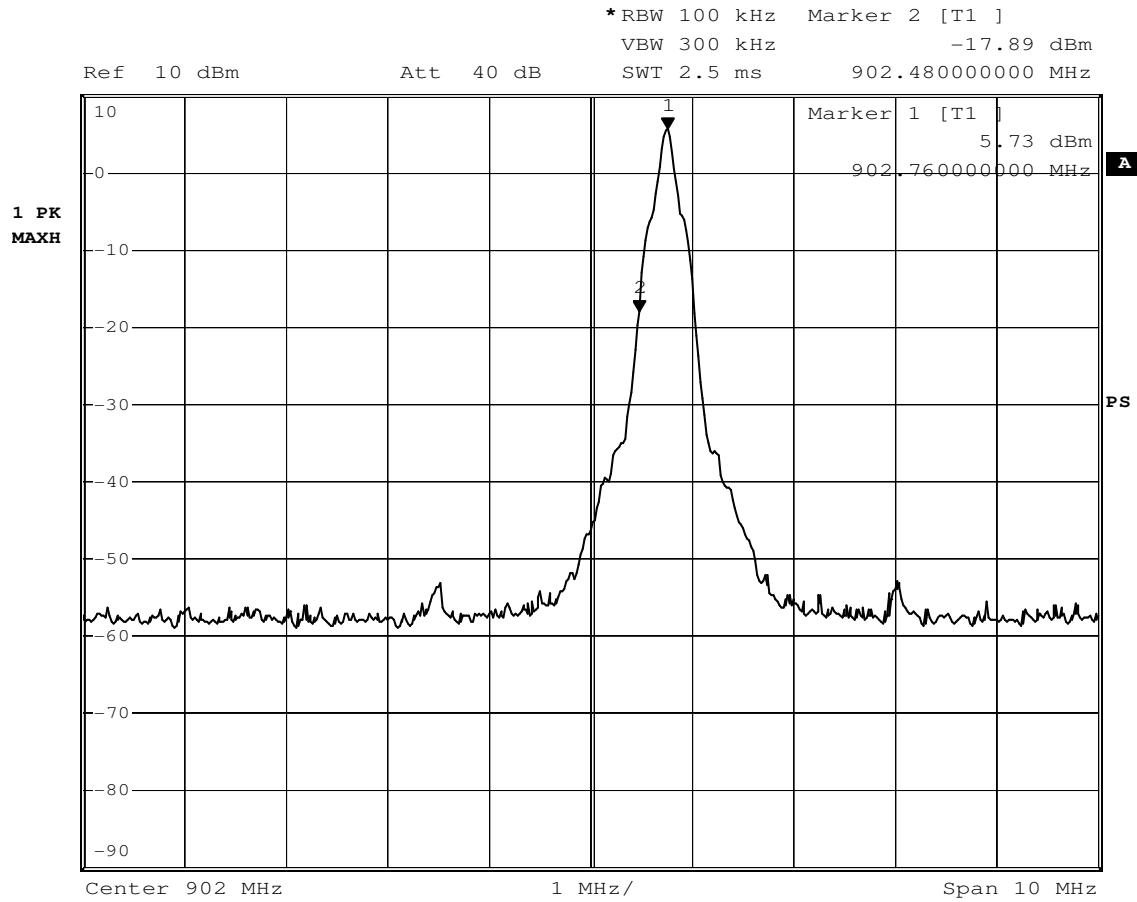
### G08036829



Date: 3.APR.2008 13:35:18



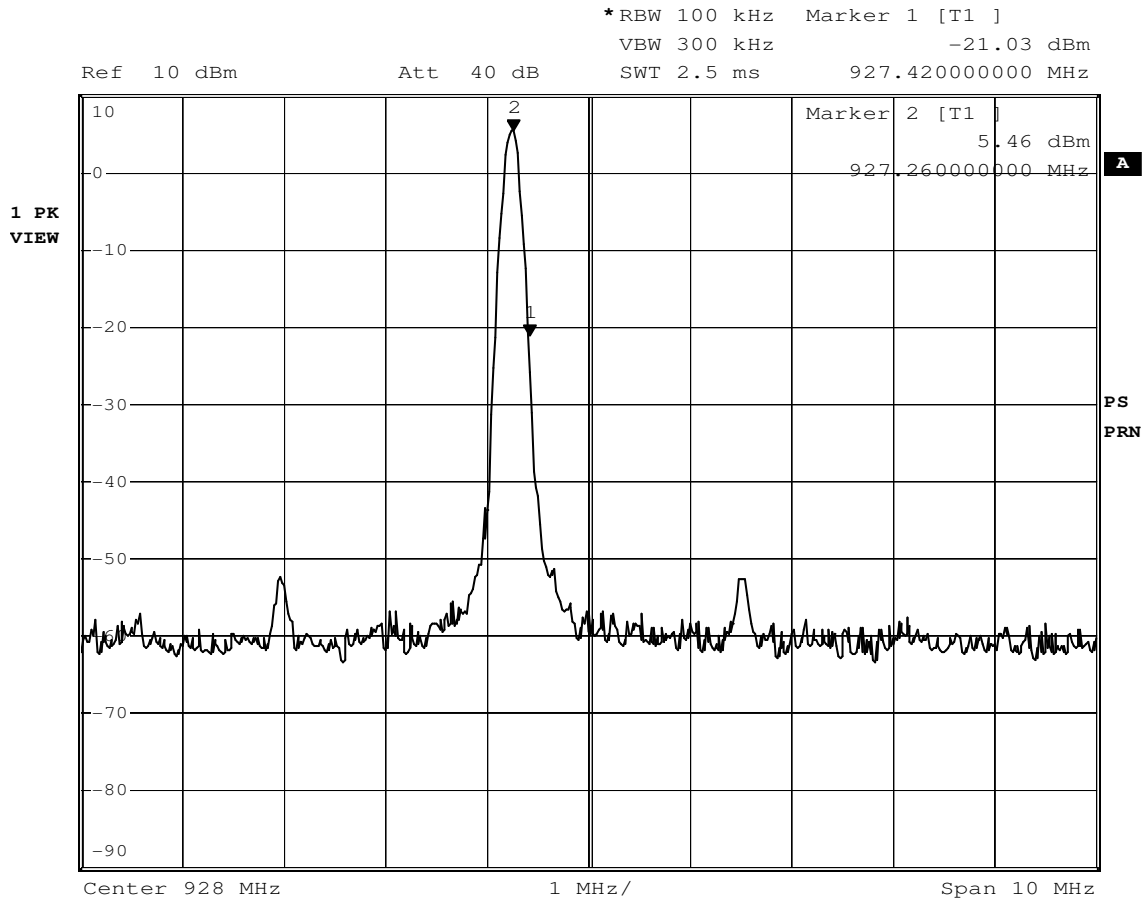
### G08036830



Date: 3.APR.2008 13:37:10



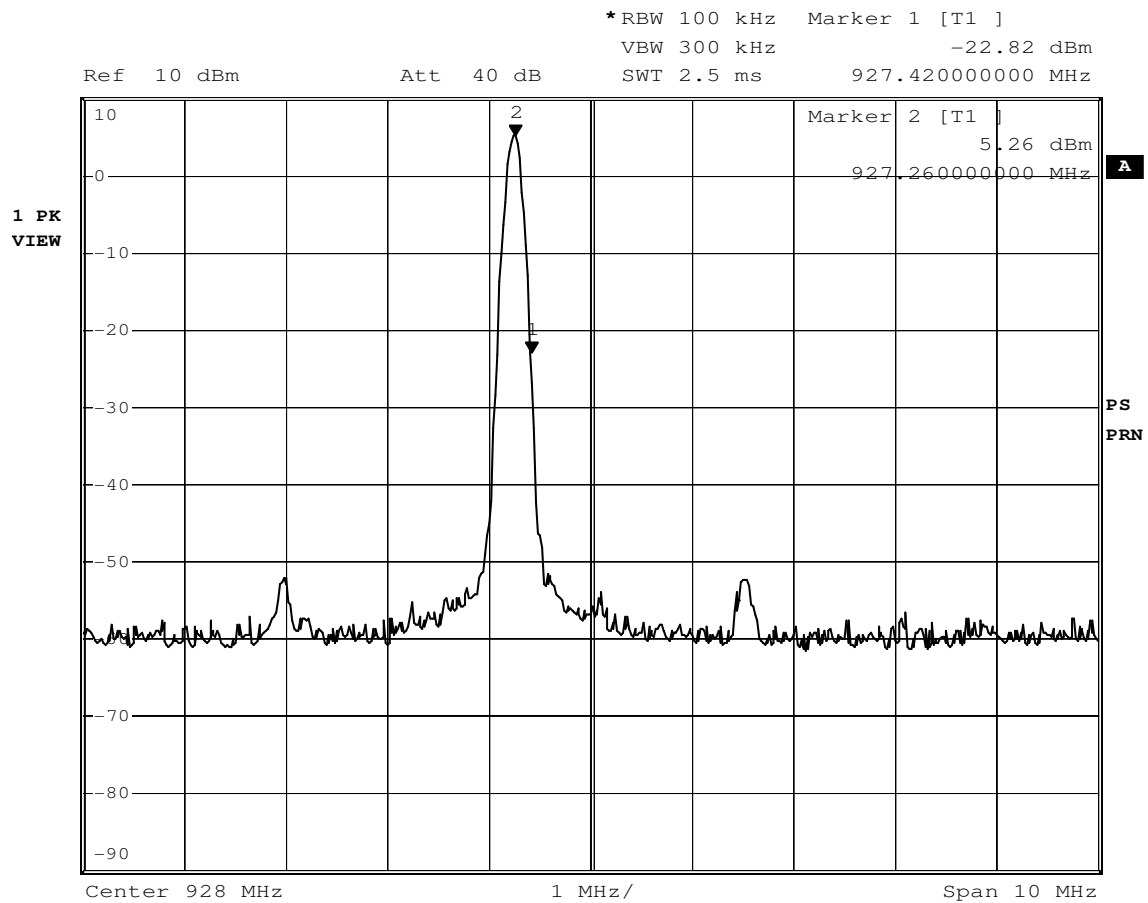
### G08036831



Date: 3.APR.2008 13:41:10



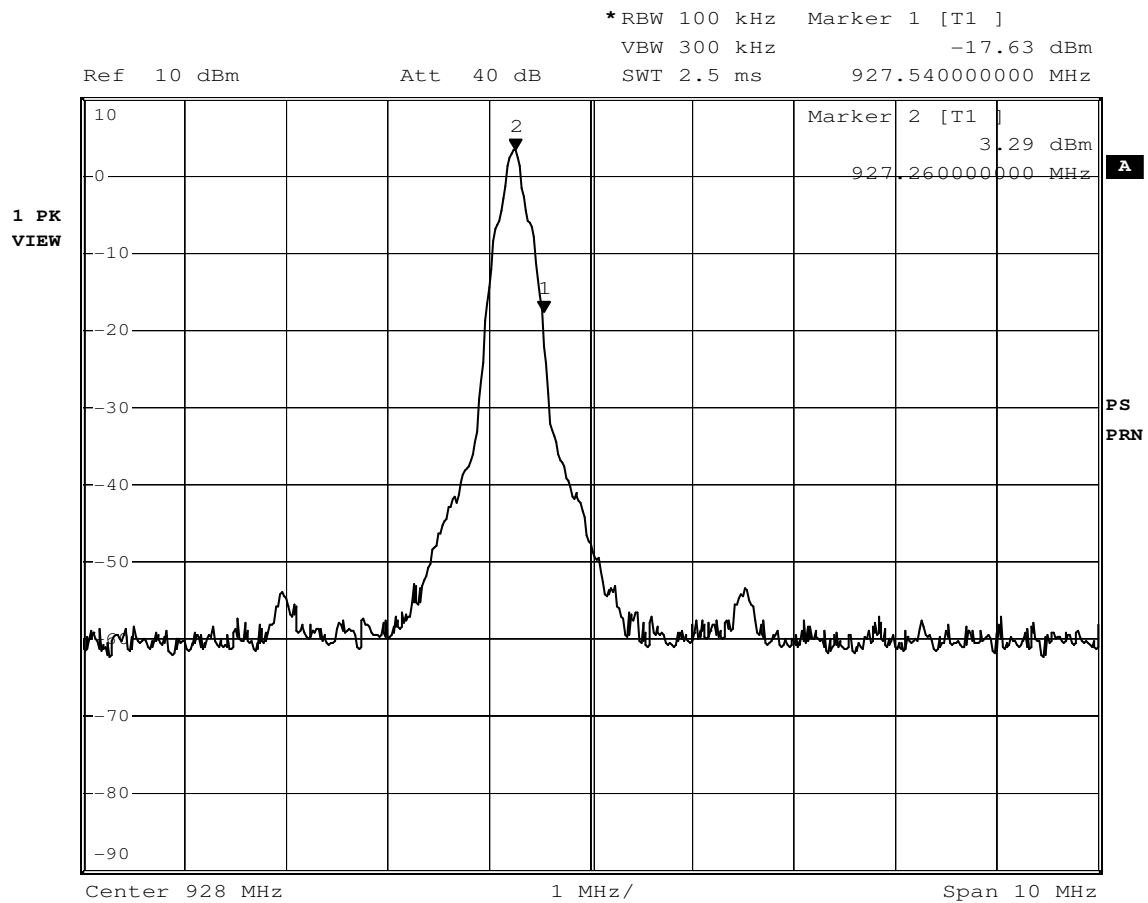
### G08036832



Date: 3.APR.2008 13:42:43



### G08036833



Date: 3.APR.2008 13:44:28

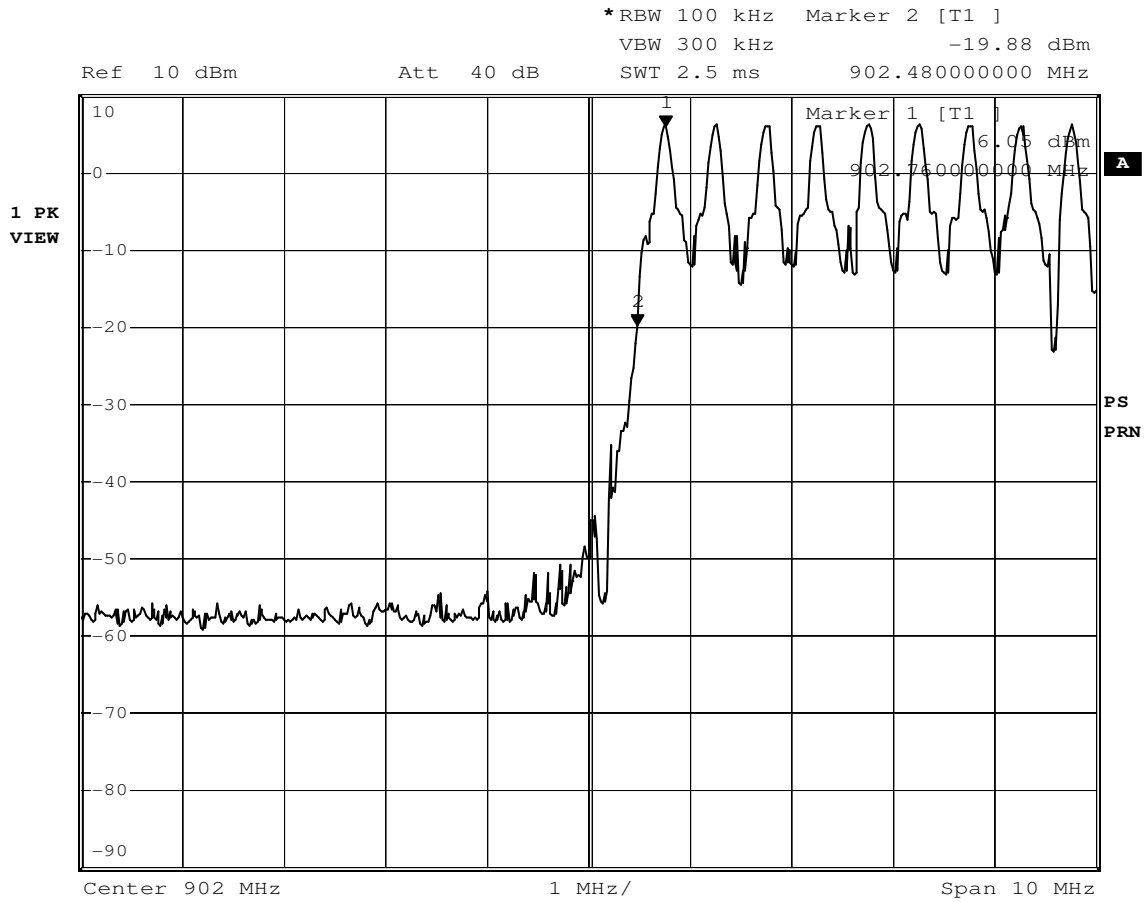








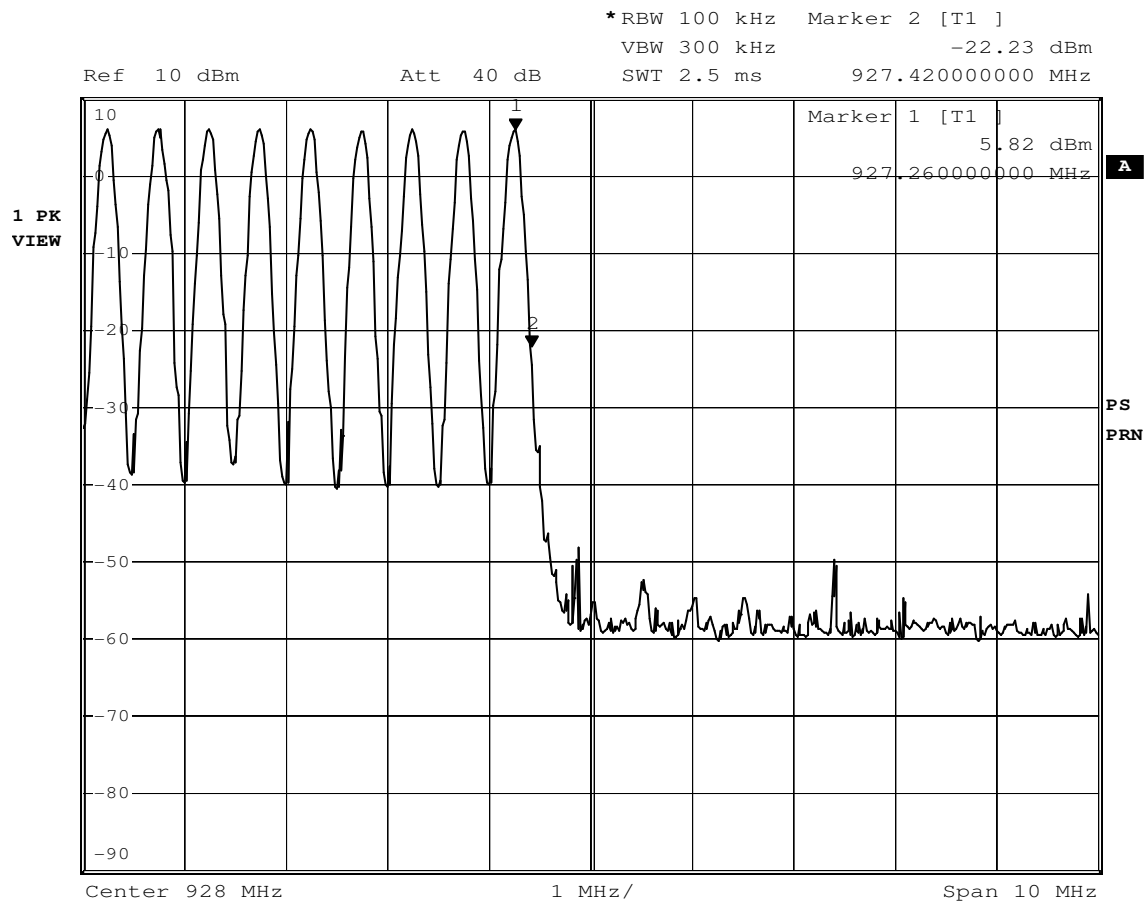
### G08036836



Date: 3.APR.2008 13:56:13



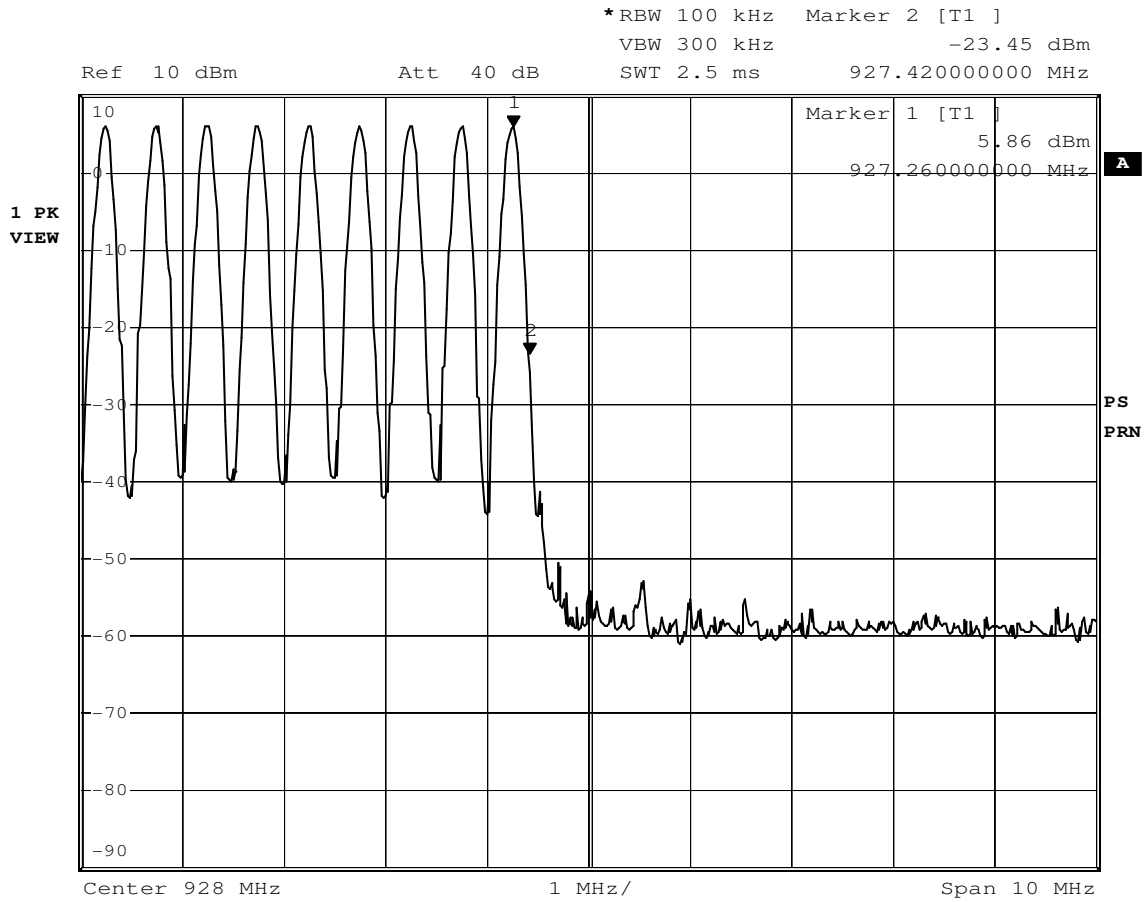
### G08036837



Date: 3.APR.2008 13:58:20



G08036838

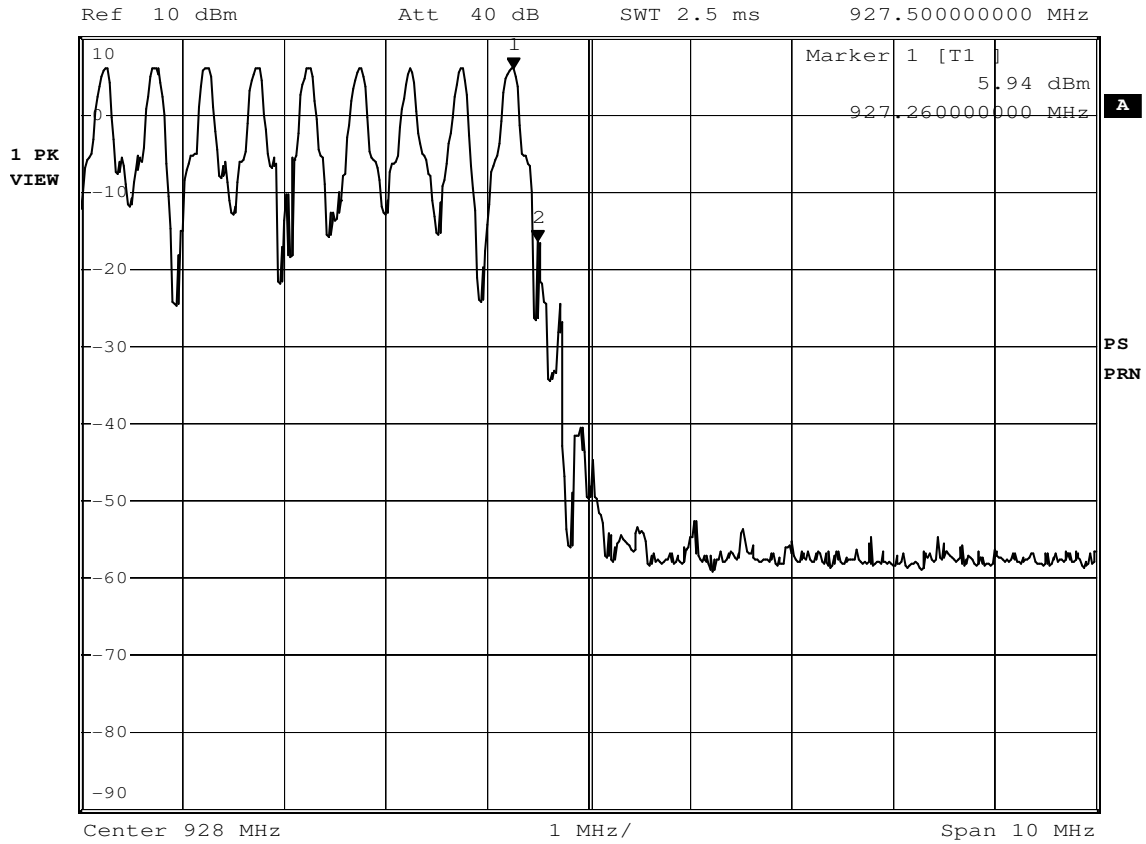


Date: 3.APR.2008 13:59:22



G08036839

\*RBW 100 kHz Marker 2 [T1 ]  
 VBW 300 kHz -16.32 dBm  
 SWT 2.5 ms 927.500000000 MHz



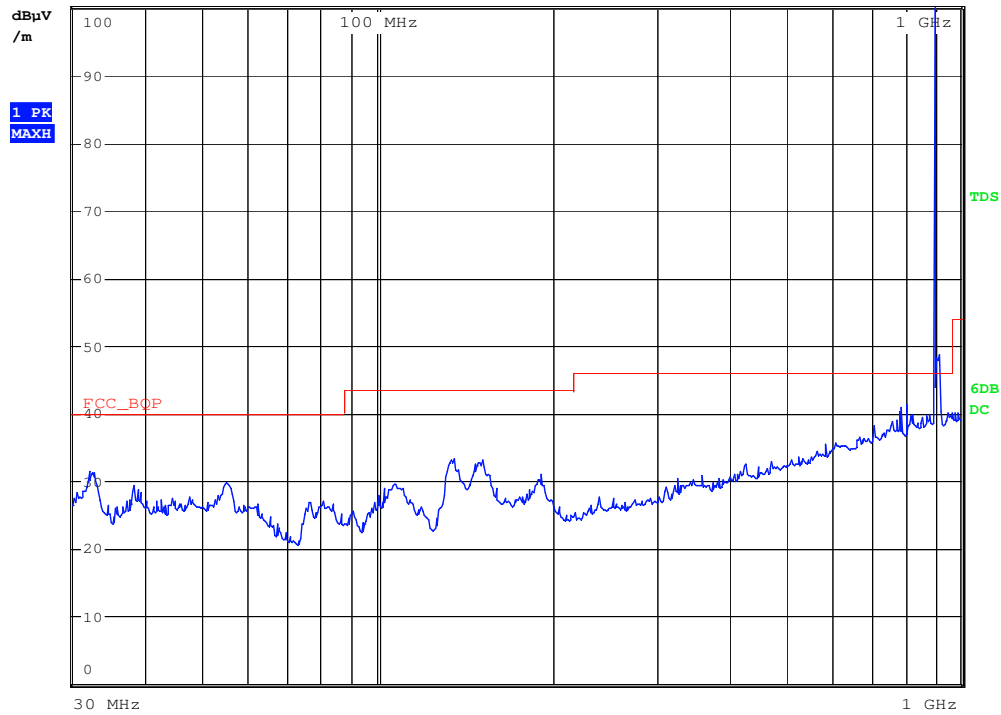
Date: 3.APR.2008 14:02:30



### G08036840

RBW 120 kHz  
MT 20 ms

Att 10 dB AUTO PREAMP ON



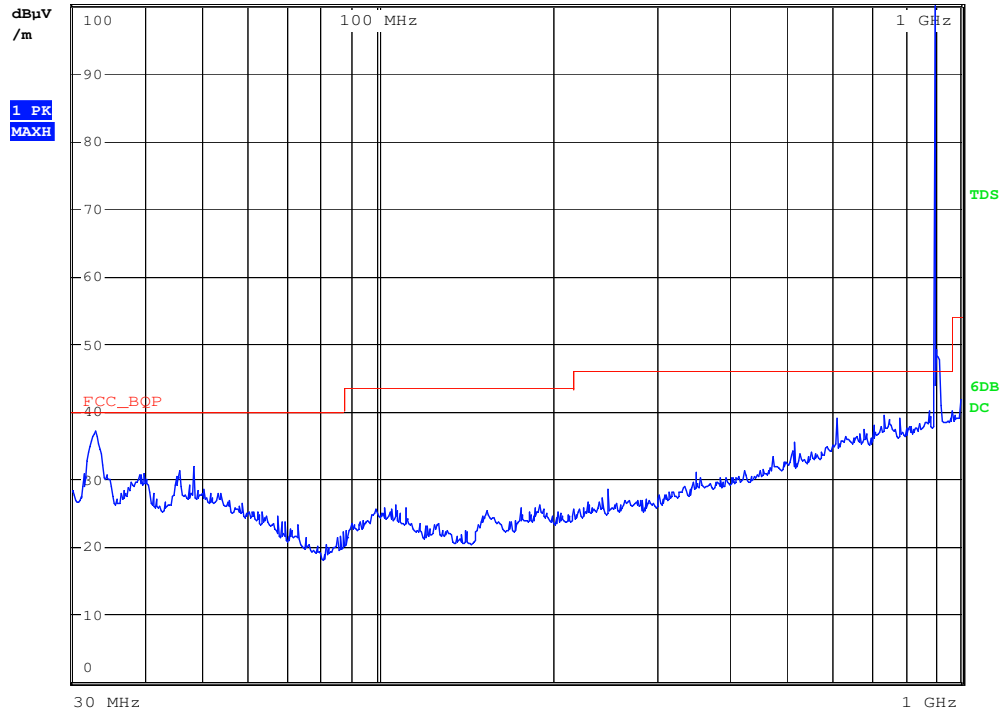
Date: 4.APR.2008 10:30:38



### G08036841

RBW 120 kHz  
MT 20 ms

Att 10 dB AUTO PREAMP ON



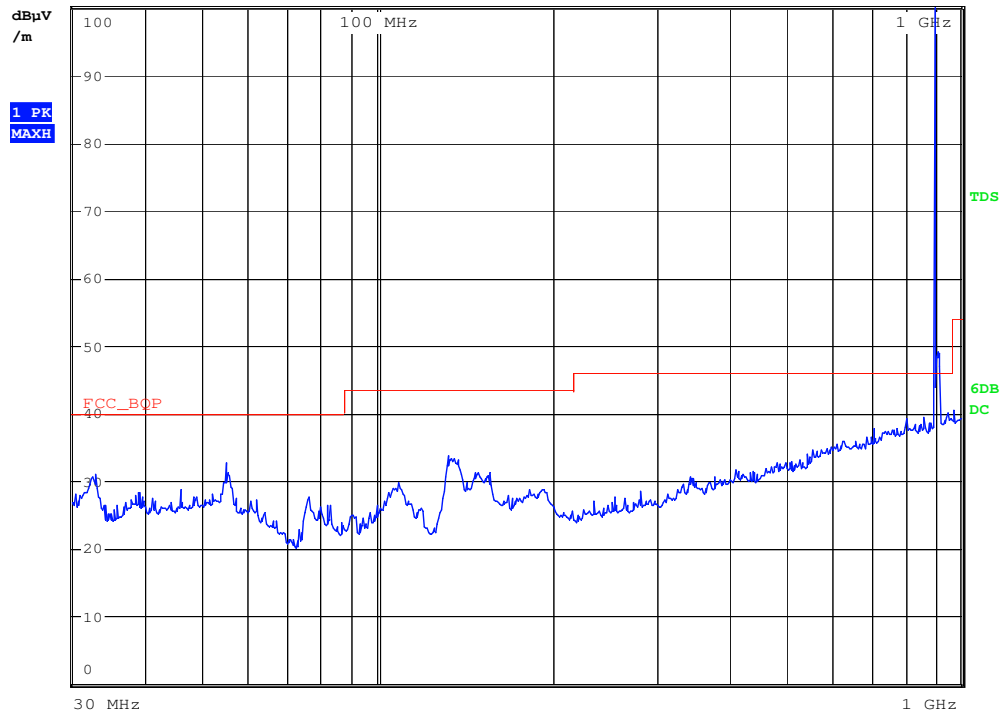
Date: 4.APR.2008 10:46:43



### G08036842

RBW 120 kHz  
MT 1 ms

Att 10 dB AUTO PREAMP ON



Date: 4.APR.2008 10:33:13

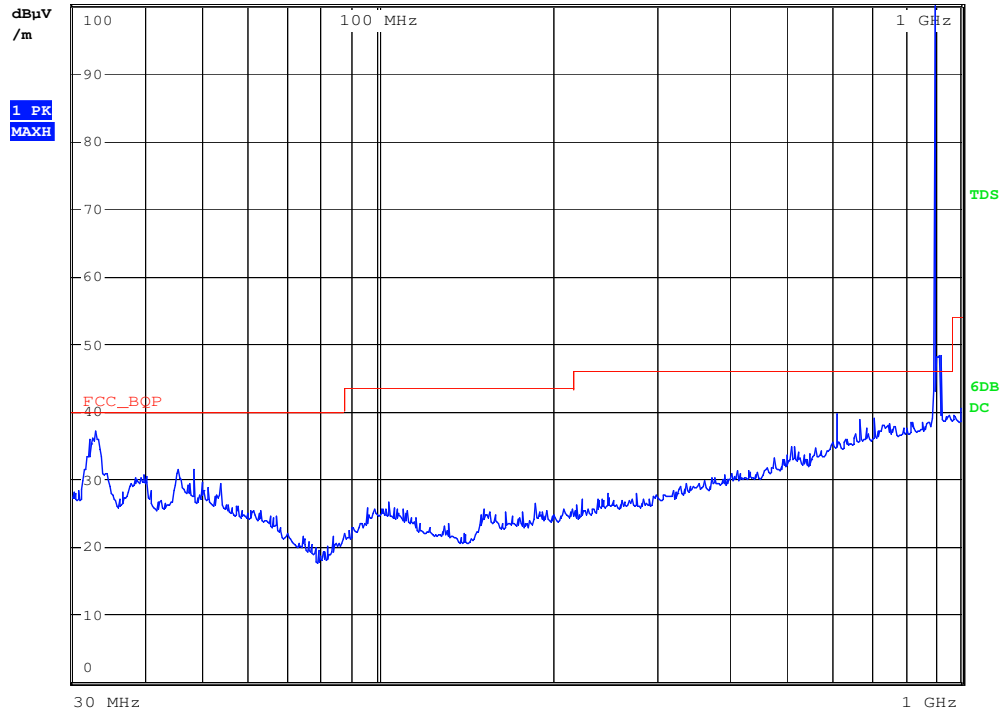




### G08036843

RBW 120 kHz  
MT 20 ms

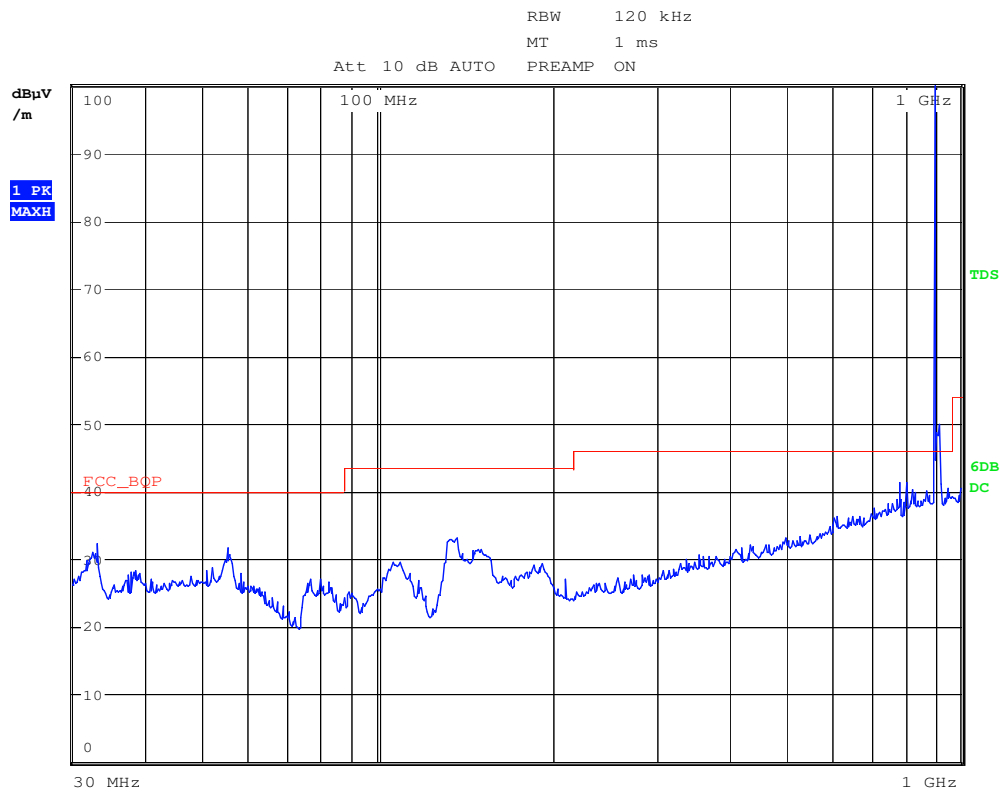
Att 10 dB AUTO PREAMP ON



Date: 4.APR.2008 10:45:24



### G08036844



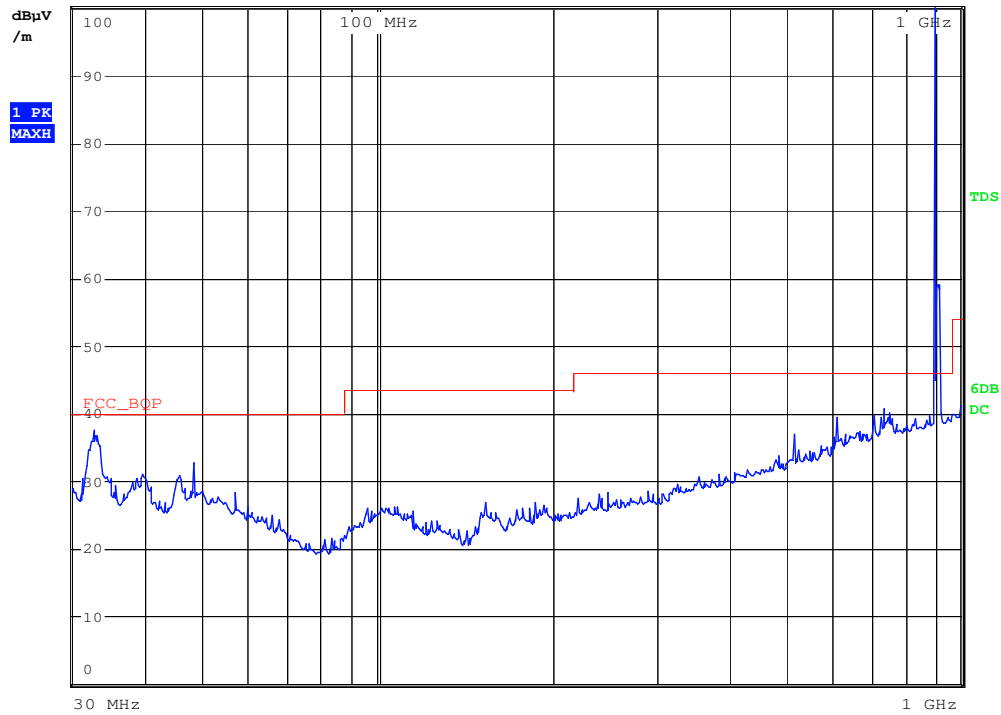
Date: 4.APR.2008 10:34:19



### G08036845

RBW 120 kHz  
MT 20 ms

Att 10 dB AUTO PREAMP ON



Date: 4.APR.2008 10:43:41

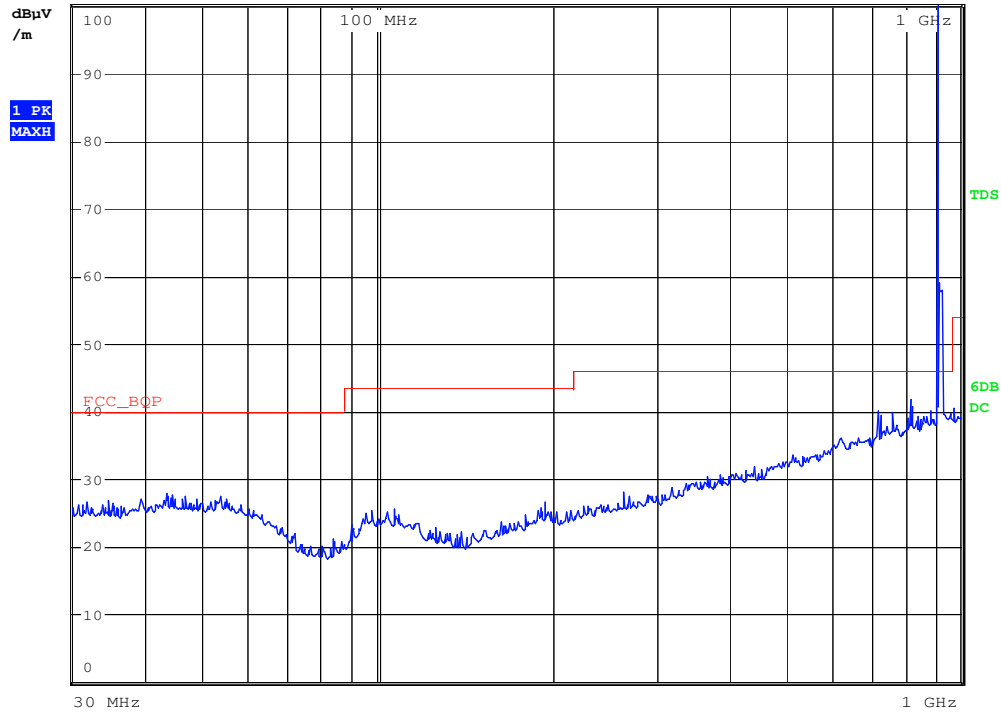


### G08036846

RBW 120 kHz

MT 20 ms

Att 10 dB AUTO PREAMP ON



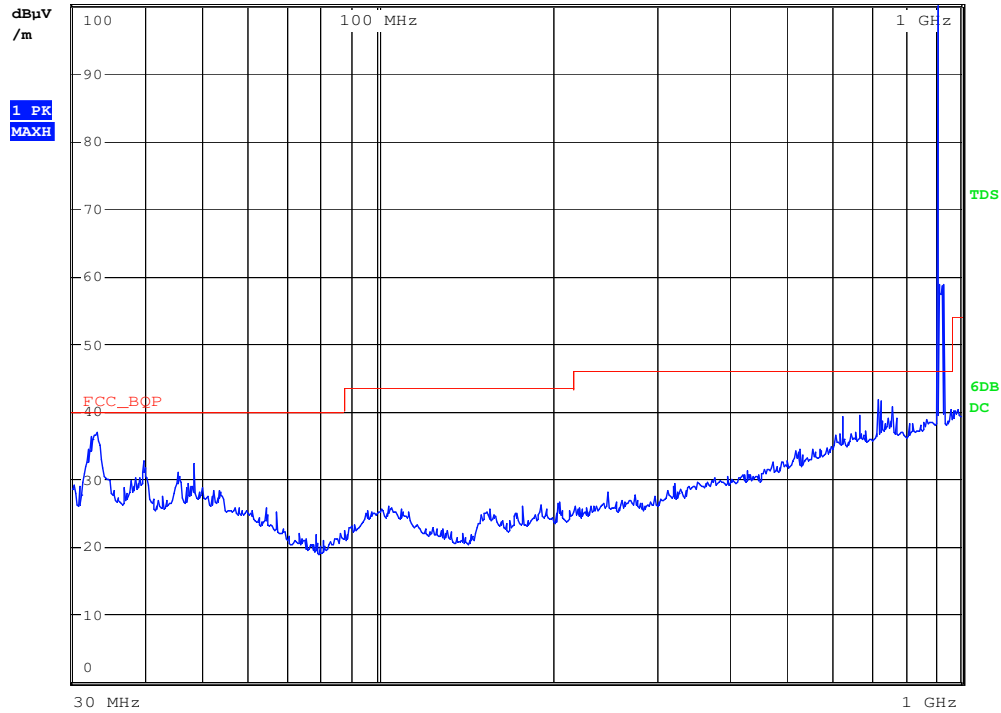
Date: 4.APR.2008 11:10:33



### G08036847

RBW 120 kHz  
MT 20 ms

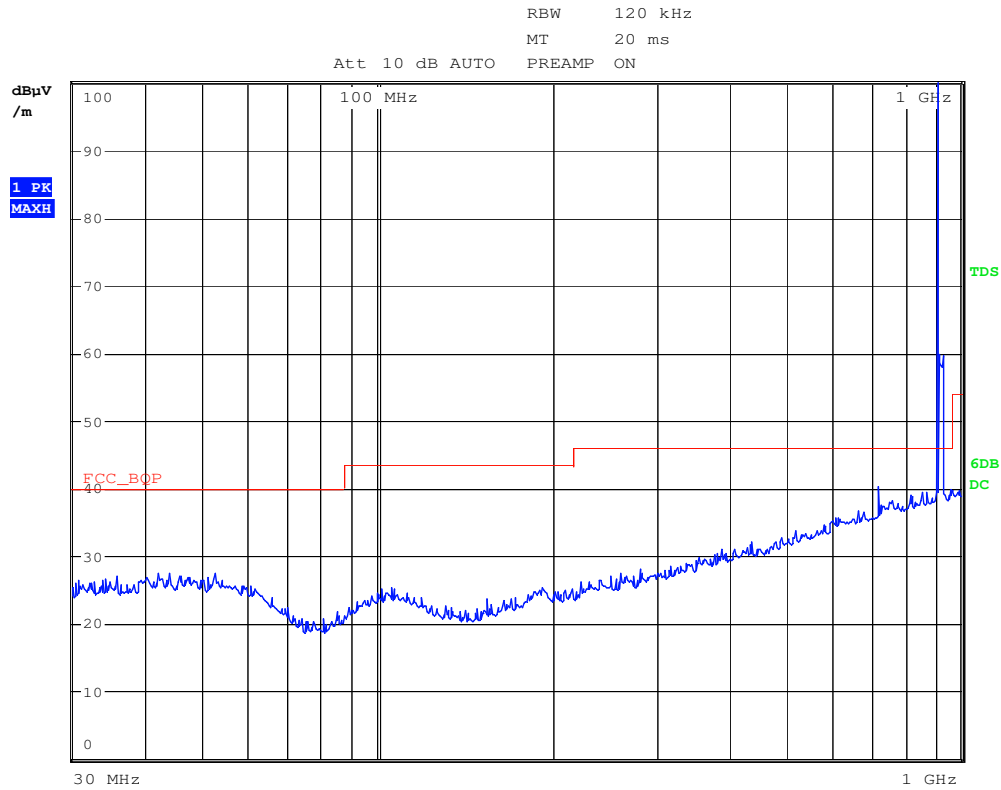
Att 10 dB AUTO PREAMP ON



Date: 4.APR.2008 10:49:17



### G08036848



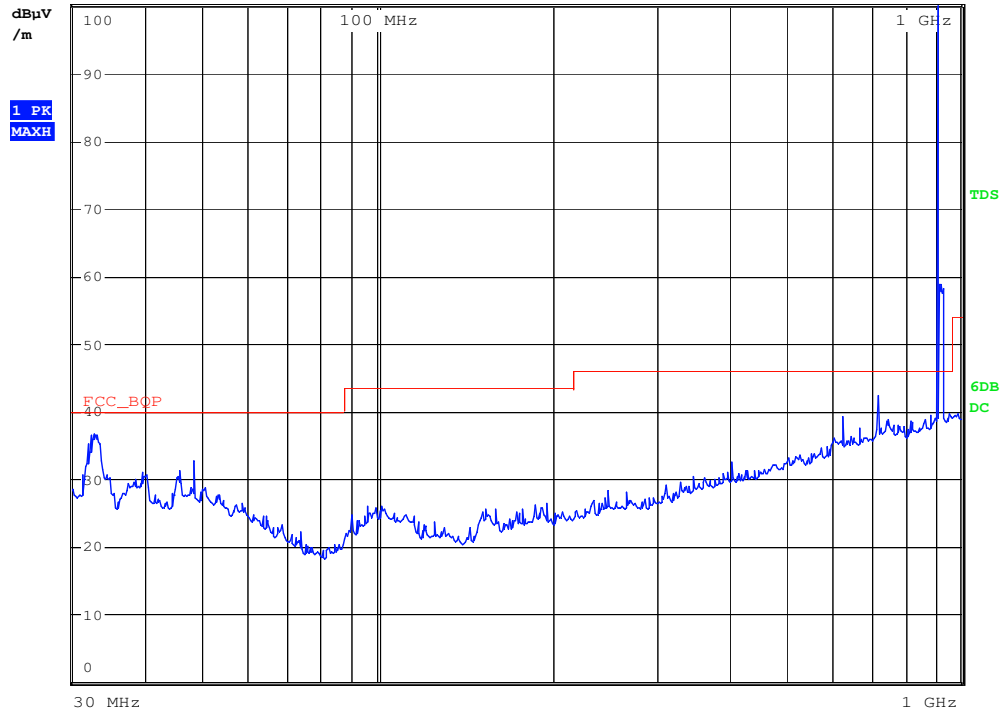
Date: 4.APR.2008 11:09:22



### G08036849

RBW 120 kHz  
MT 20 ms

Att 10 dB AUTO PREAMP ON



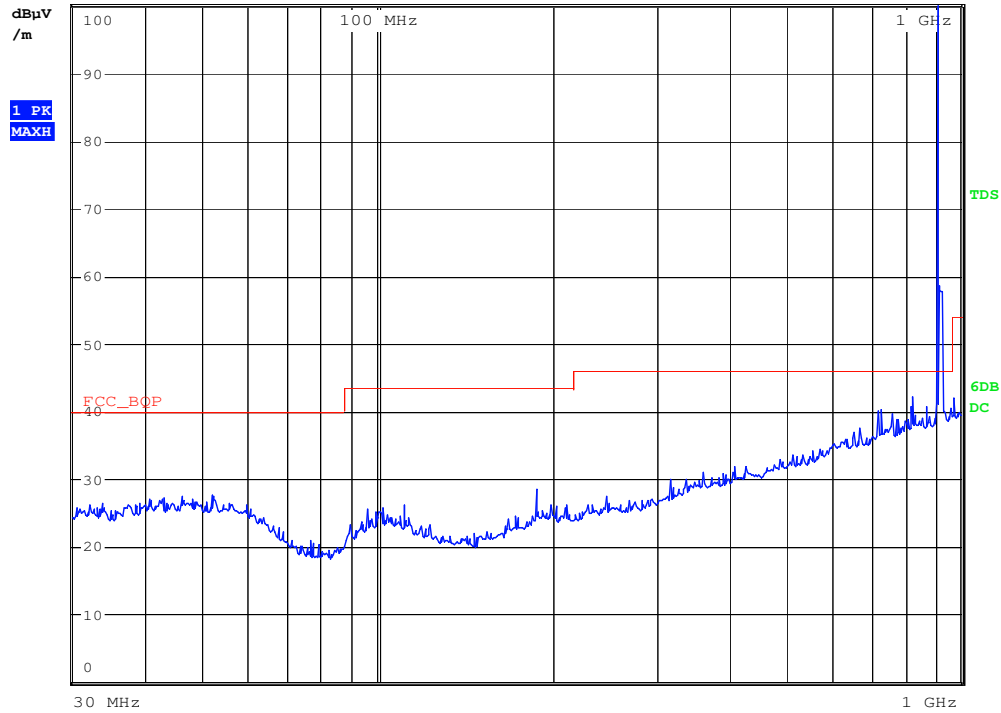
Date: 4.APR.2008 10:50:29



### G08036850

RBW 120 kHz  
MT 20 ms

Att 10 dB AUTO PREAMP ON

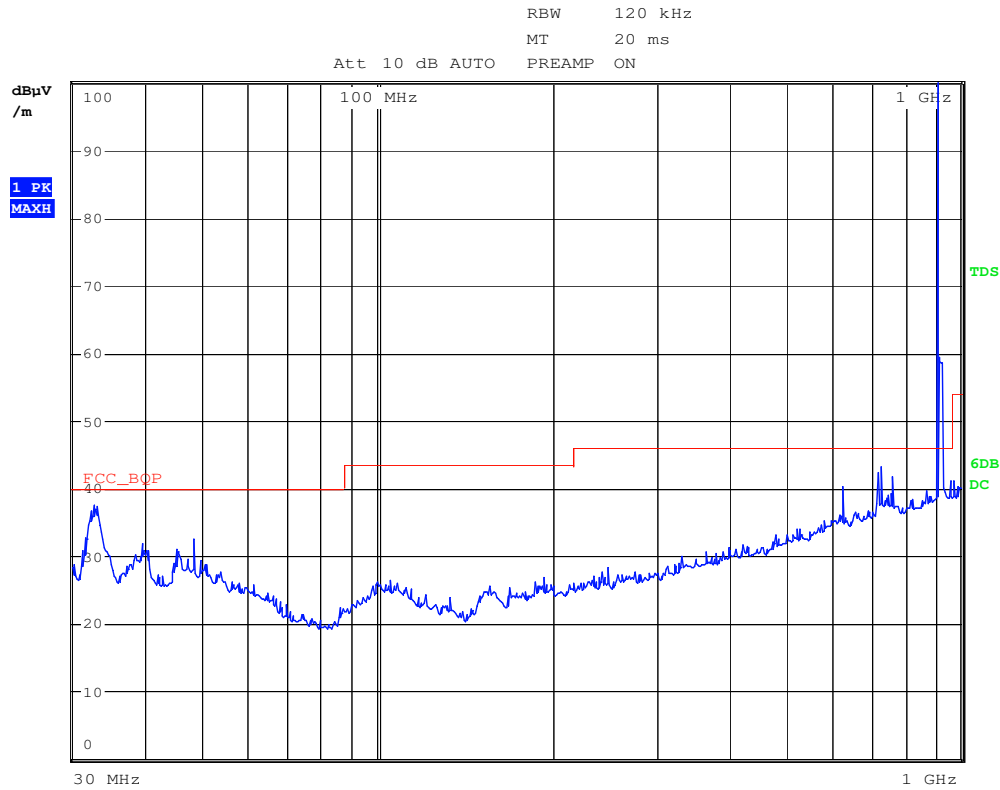


Date: 4.APR.2008 11:08:07





### G08036851



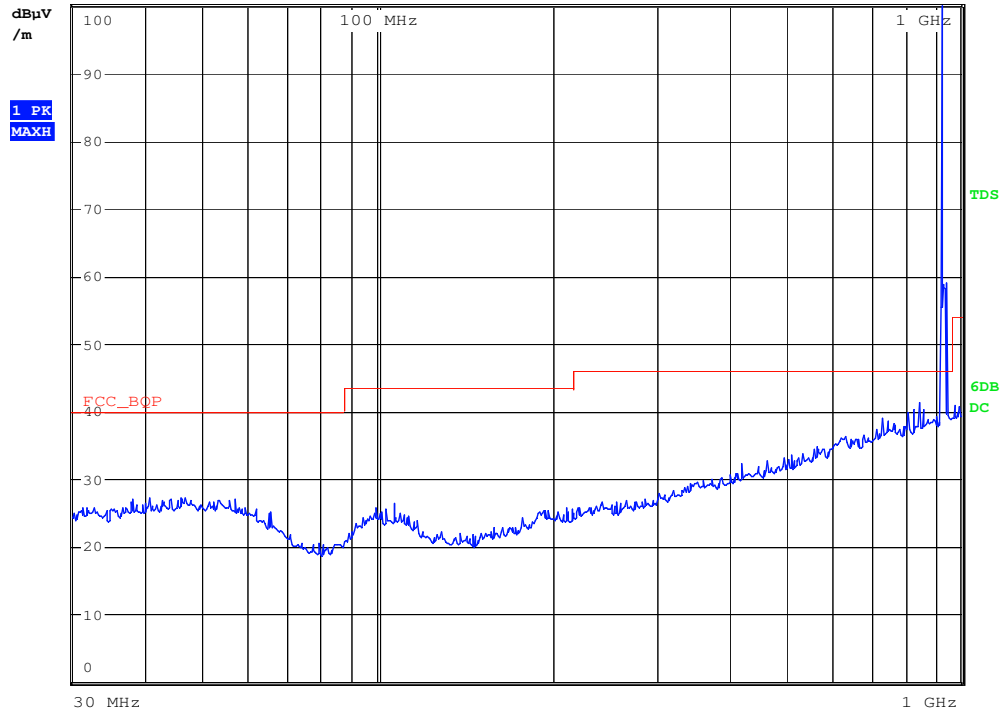
Date: 4.APR.2008 11:06:43



### G08036852

RBW 120 kHz  
MT 20 ms

Att 10 dB AUTO PREAMP ON



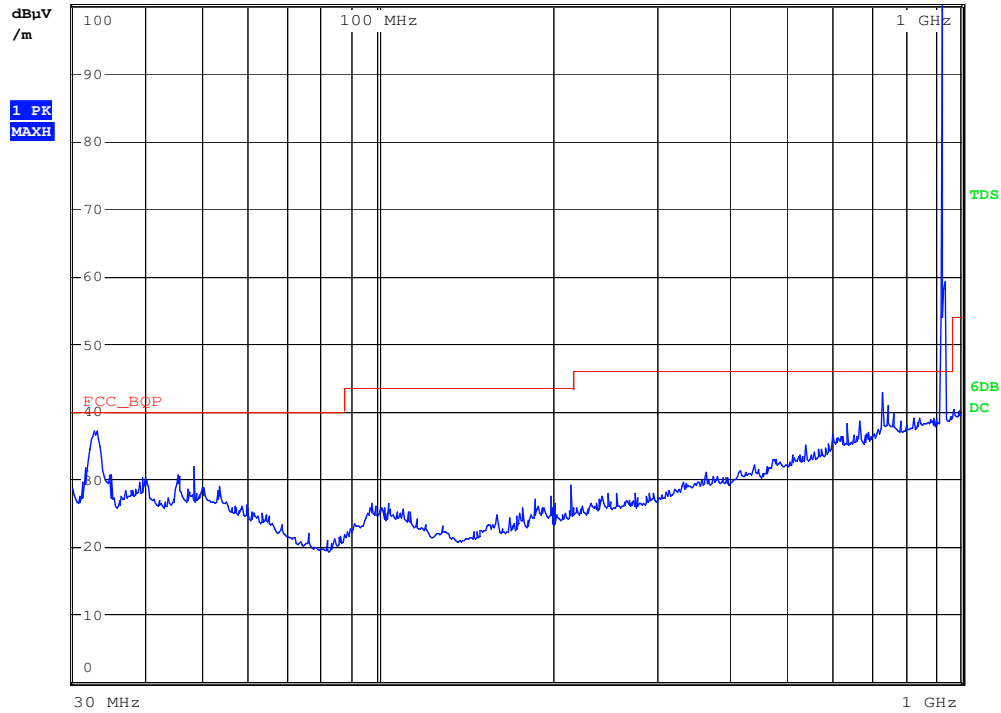
Date: 4.APR.2008 11:12:11



### G08036853

RBW 120 kHz  
MT 20 ms

Att 10 dB AUTO PREAMP ON



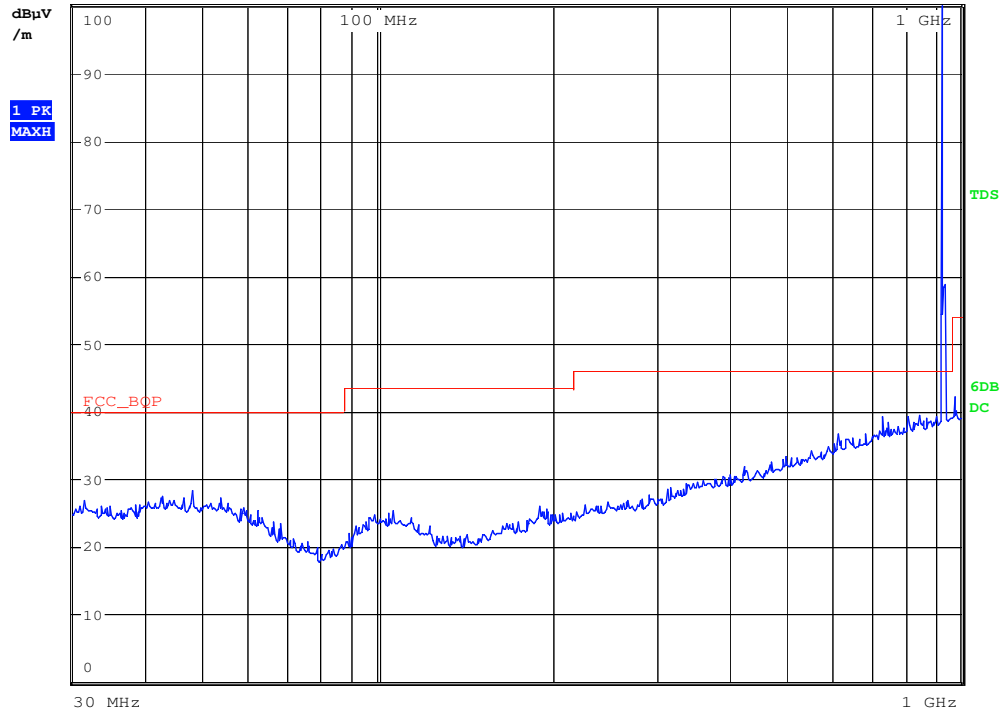
Date: 4.APR.2008 11:23:59



### G08036854

RBW 120 kHz  
MT 20 ms

Att 10 dB AUTO PREAMP ON



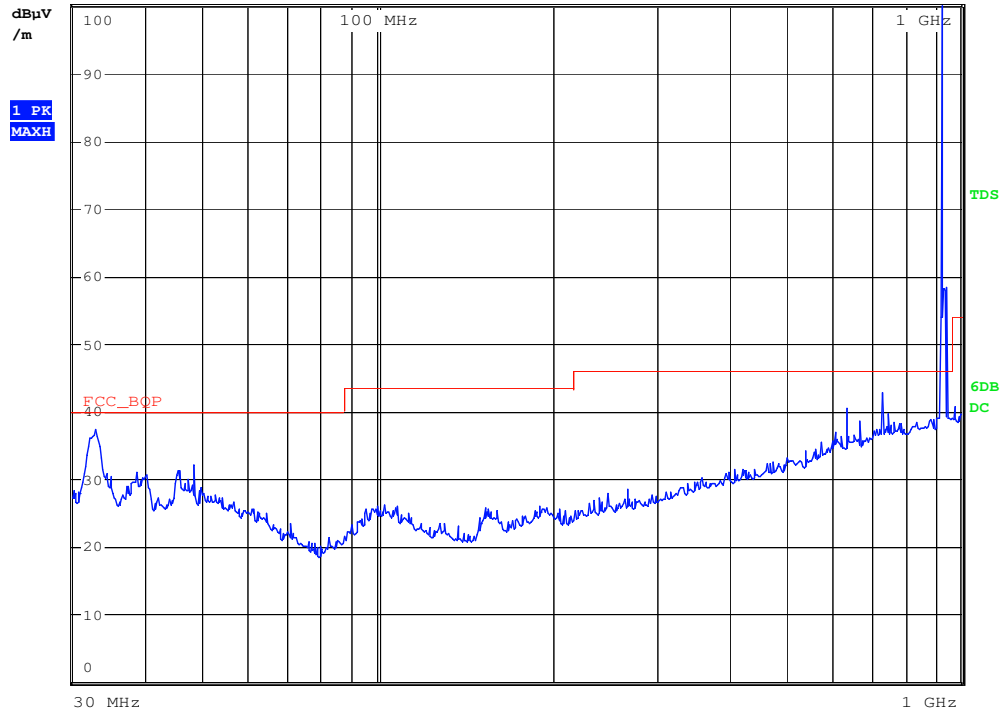
Date: 4.APR.2008 11:18:27



### G08036855

RBW 120 kHz  
MT 20 ms

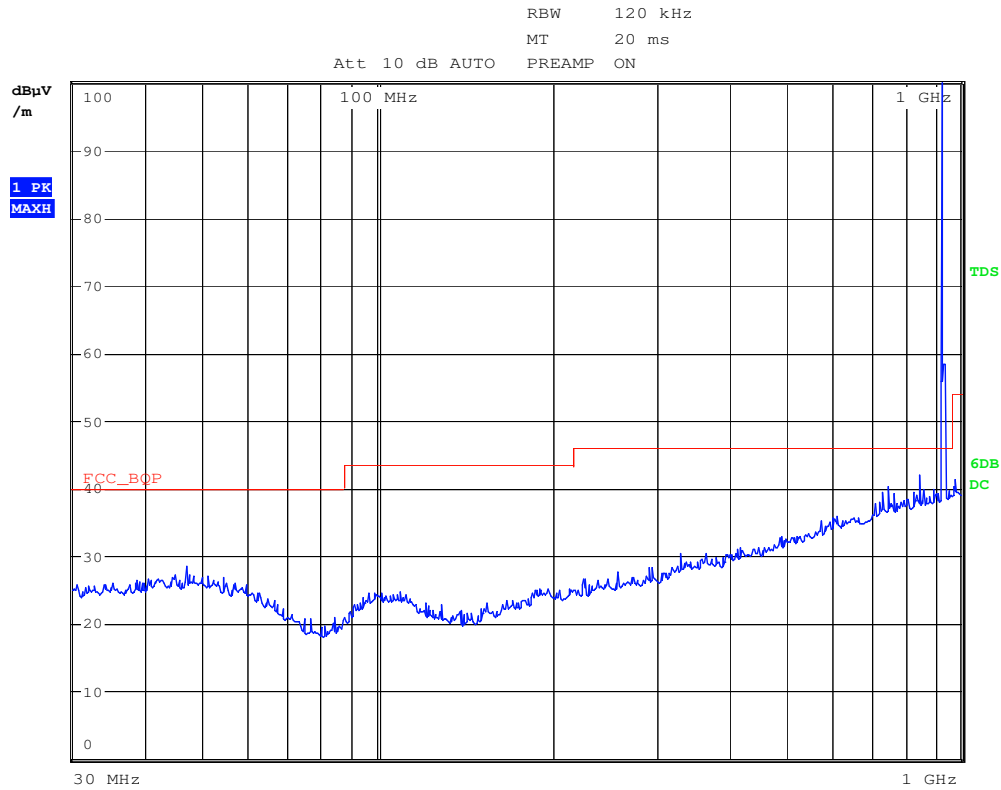
Att 10 dB AUTO PREAMP ON



Date: 4.APR.2008 11:22:18



### G08036856



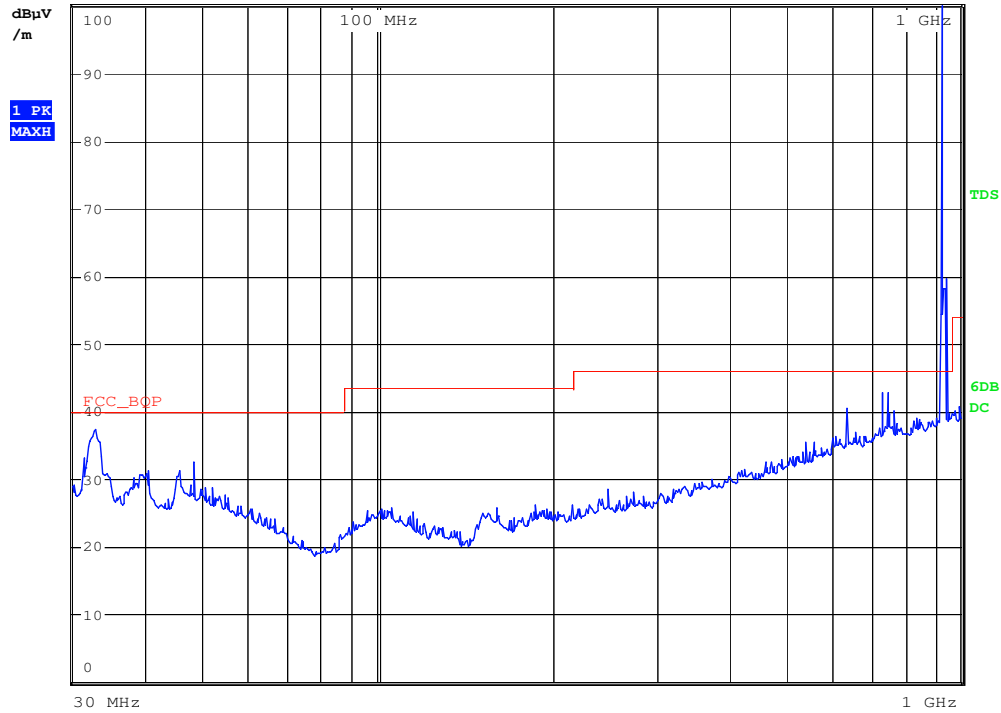
Date: 4.APR.2008 11:19:40



### G08036857

RBW 120 kHz  
MT 20 ms

Att 10 dB AUTO PREAMP ON

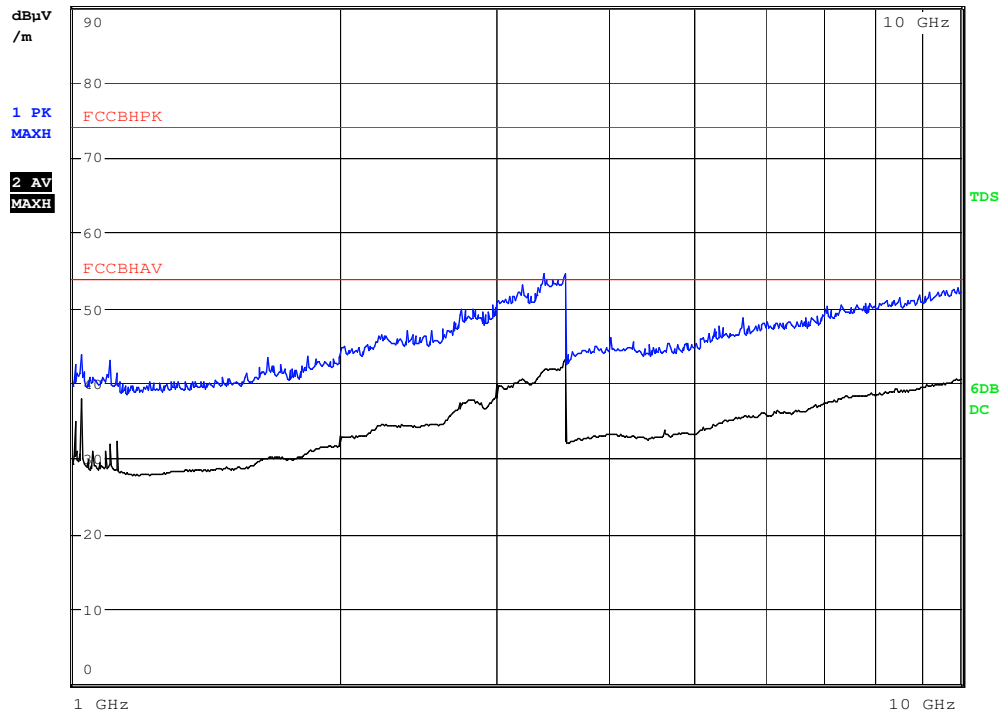


Date: 4.APR.2008 11:21:01



### G08036858

RBW 1 MHz  
MT 20 ms  
Att 10 dB AUTO PREAMP ON



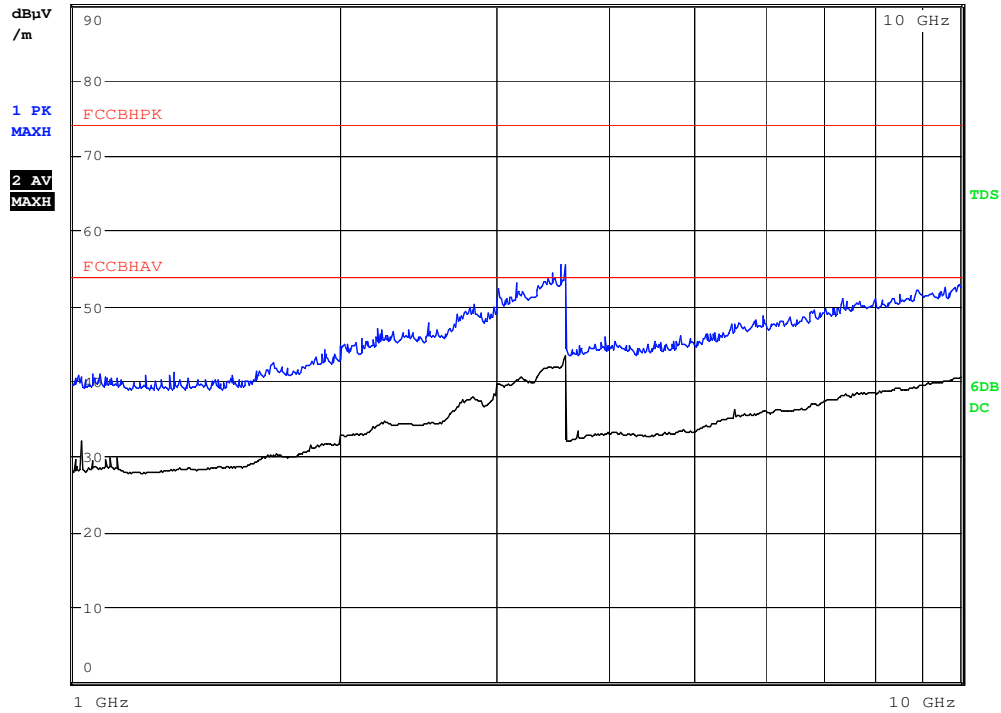
Date: 4.APR.2008 11:43:56





### G08036859

RBW 1 MHz  
MT 20 ms  
Att 10 dB AUTO PREAMP ON

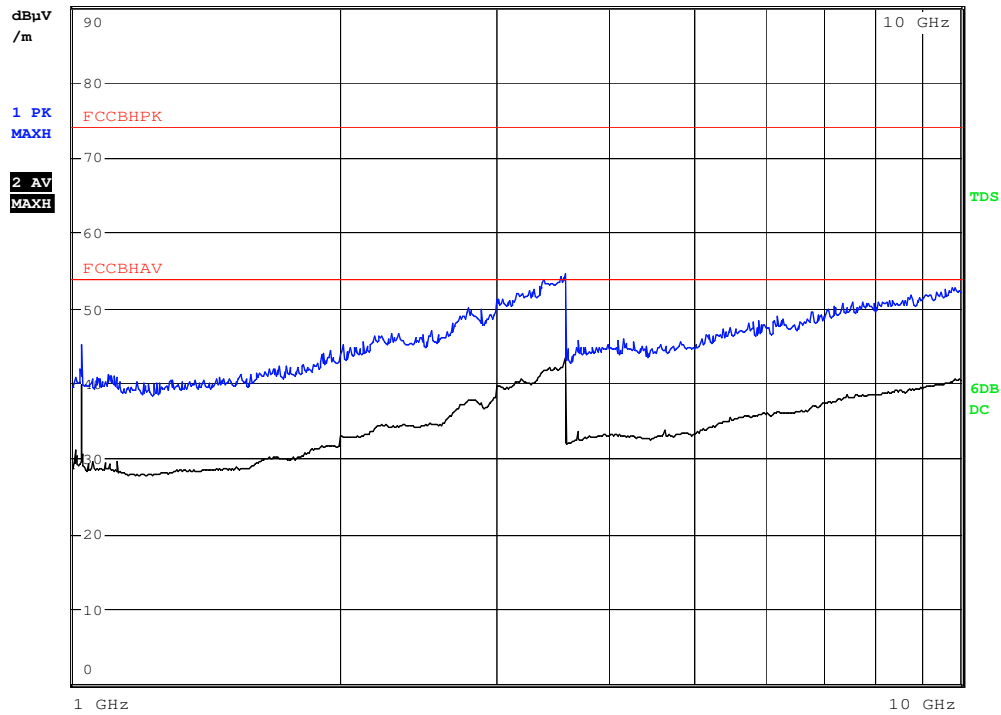


Date: 4.APR.2008 11:48:08



### G08036860

RBW 1 MHz  
MT 20 ms  
Att 10 dB AUTO PREAMP ON

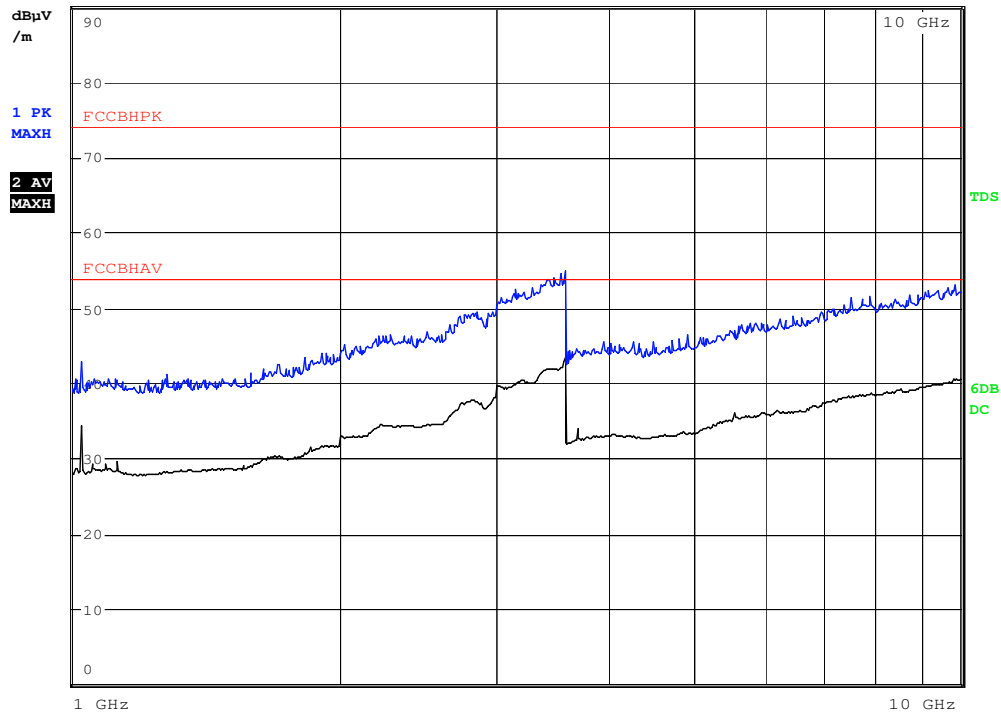


Date: 4.APR.2008 11:42:25



### G08036861

RBW 1 MHz  
MT 20 ms  
Att 10 dB AUTO PREAMP ON

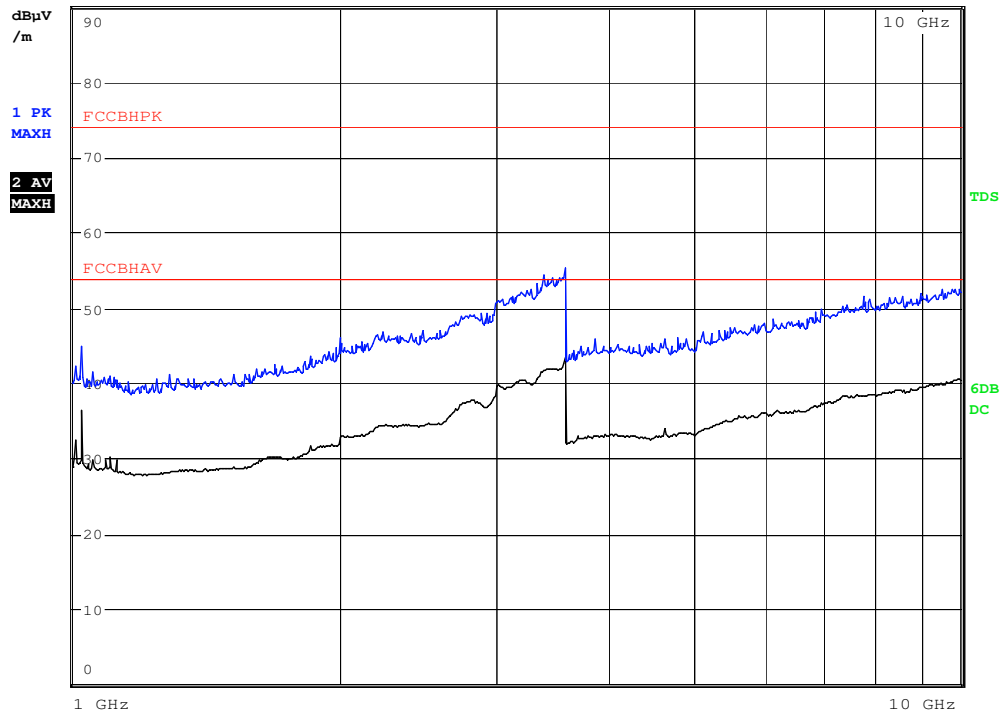


Date: 4.APR.2008 11:47:03



### G08036862

RBW 1 MHz  
MT 20 ms  
Att 10 dB AUTO PREAMP ON

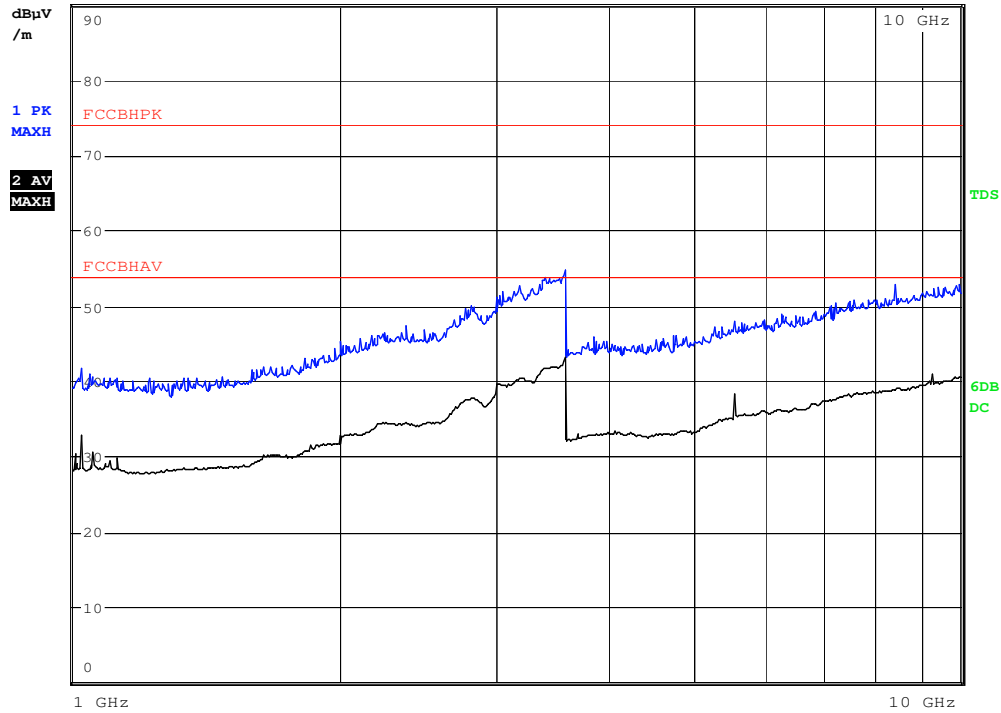


Date: 4.APR.2008 11:40:32



### G08036863

RBW 1 MHz  
MT 20 ms  
Att 10 dB AUTO PREAMP ON



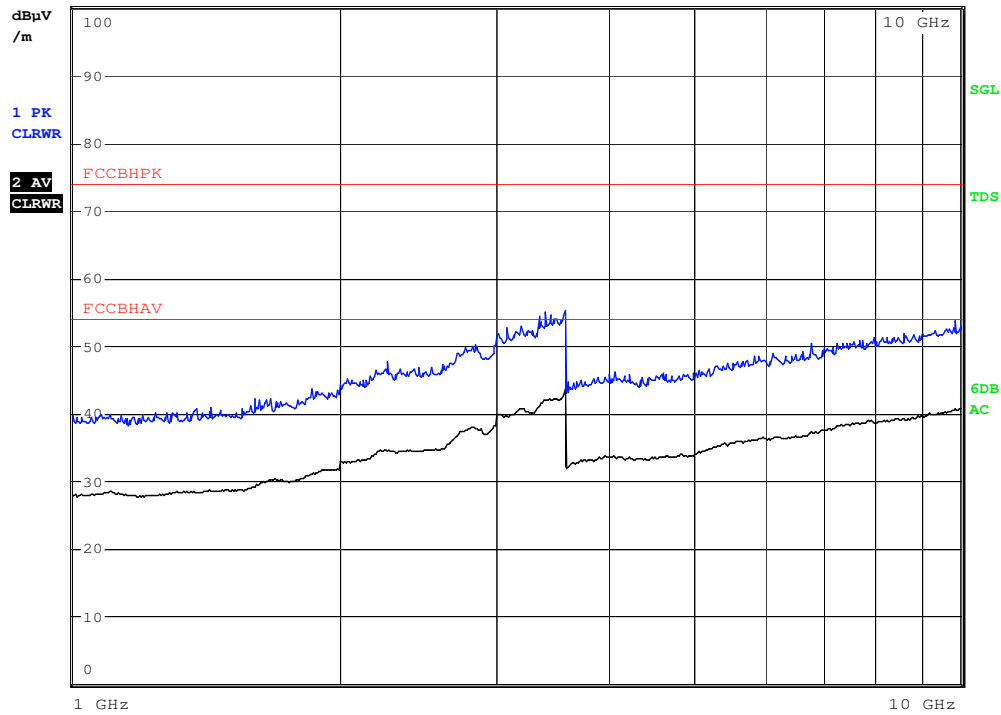
Date: 4.APR.2008 11:45:33



### G08036864

08036864

RBW 1 MHz  
MT 20 ms  
Att 0 dB AUTO  
PREAMP ON

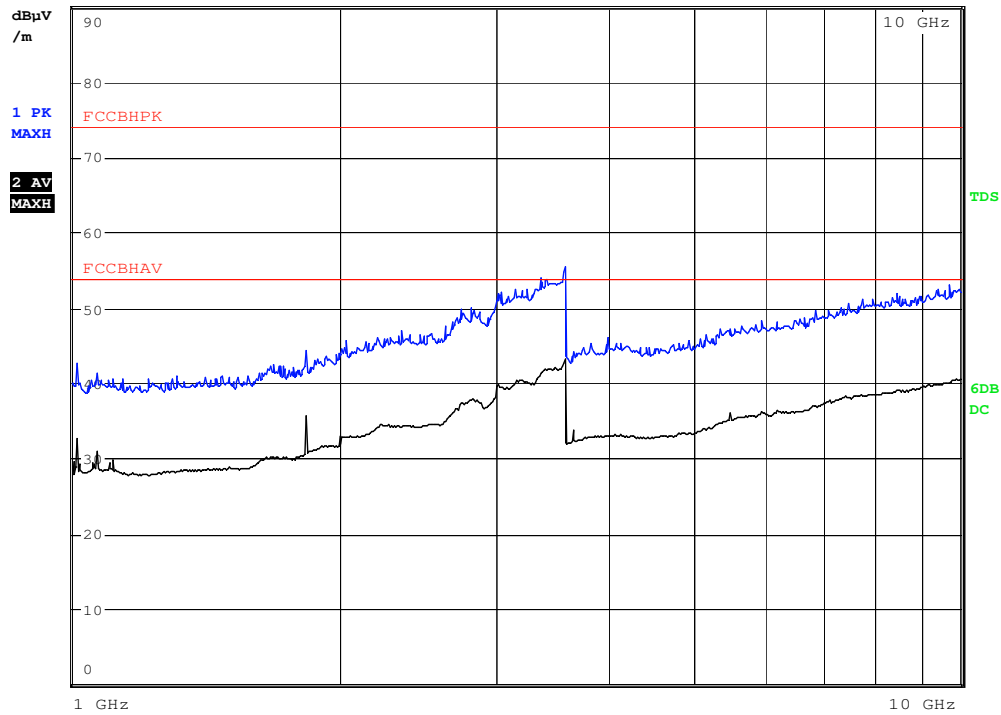


Date: 28.APR.2008 14:41:16



### G08036865

RBW 1 MHz  
MT 20 ms  
Att 10 dB AUTO PREAMP ON



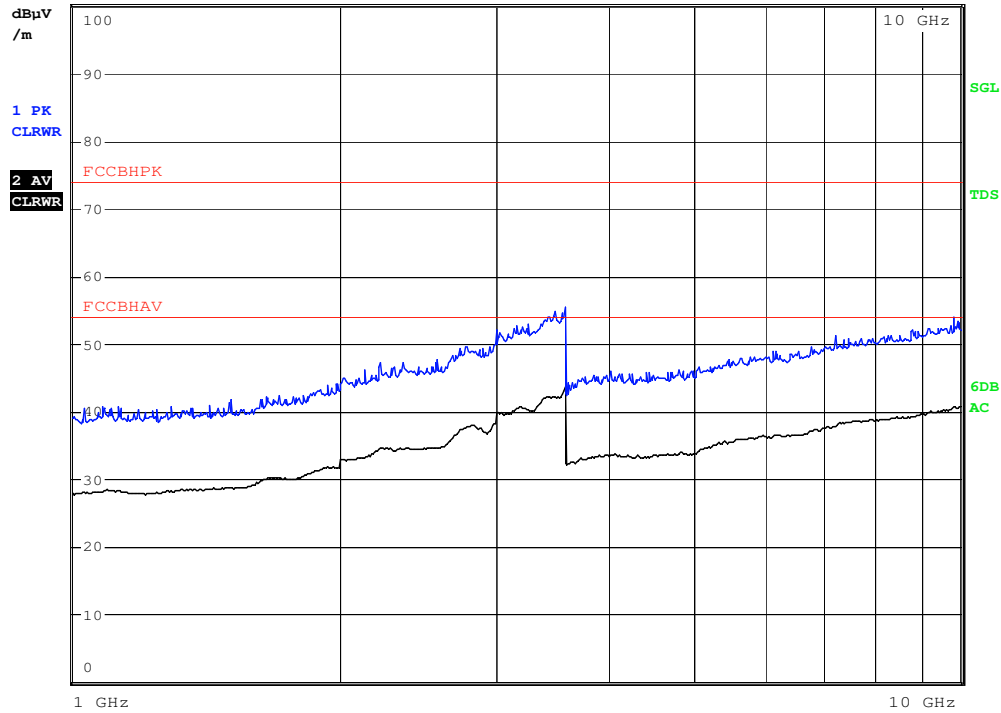
Date: 4.APR.2008 11:49:35



### G08036866

08036866

RBW 1 MHz  
MT 20 ms  
Att 0 dB AUTO  
PREAMP ON



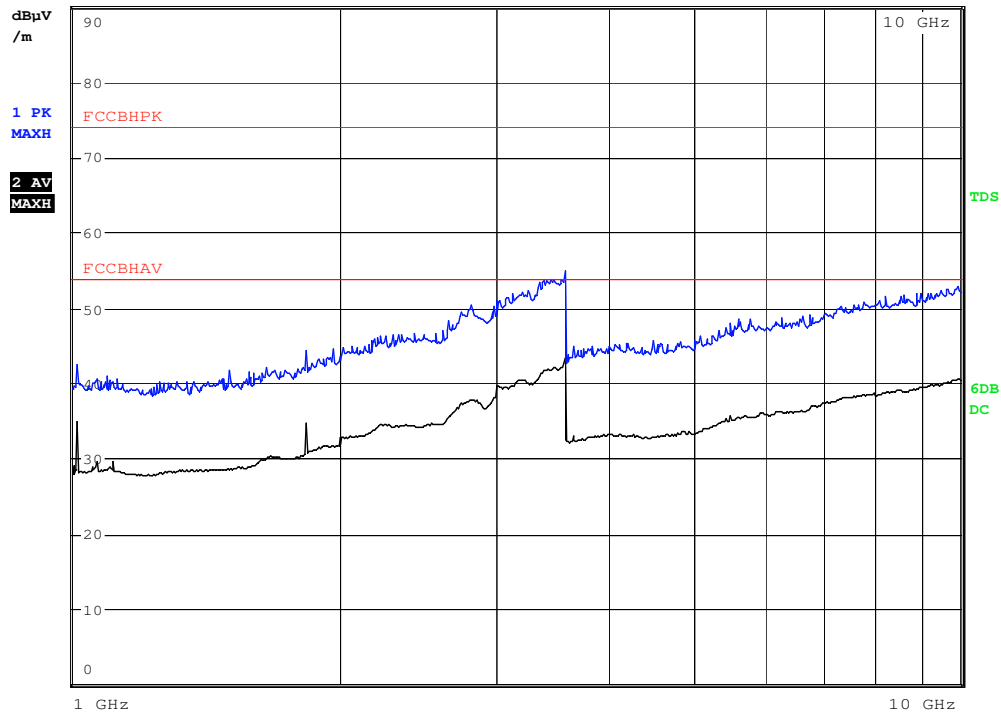
Date: 28.APR.2008 14:42:00





### G08036867

RBW 1 MHz  
MT 20 ms  
Att 10 dB AUTO PREAMP ON



Date: 4.APR.2008 11:50:54



### G08036868

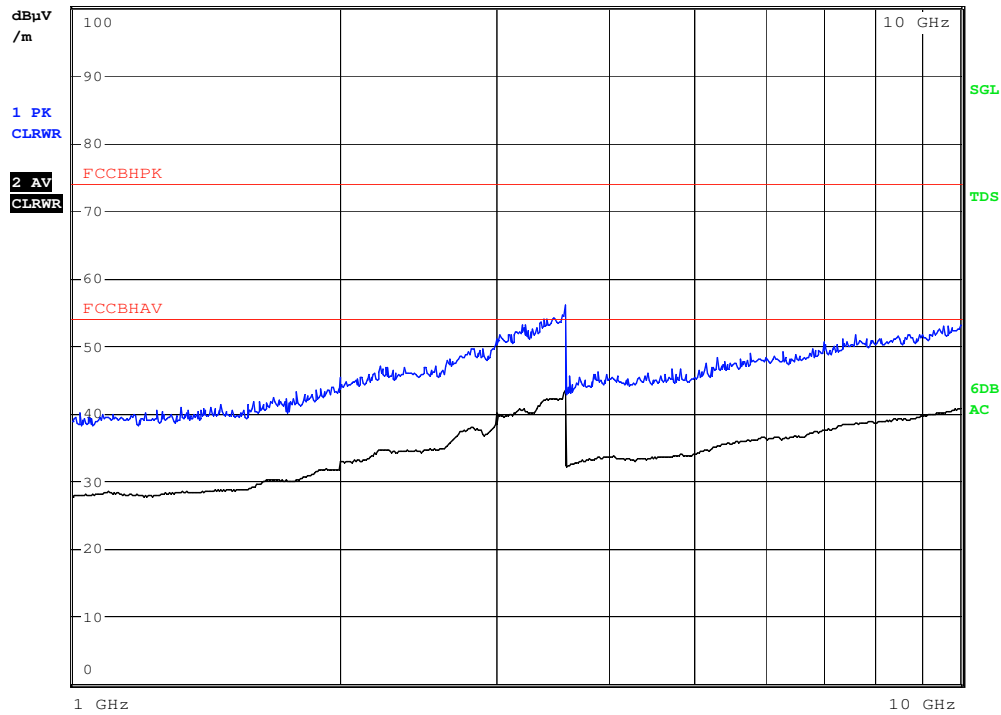
08036868

RBW 1 MHz

MT 20 ms

Att 0 dB AUTO

PREAMP ON

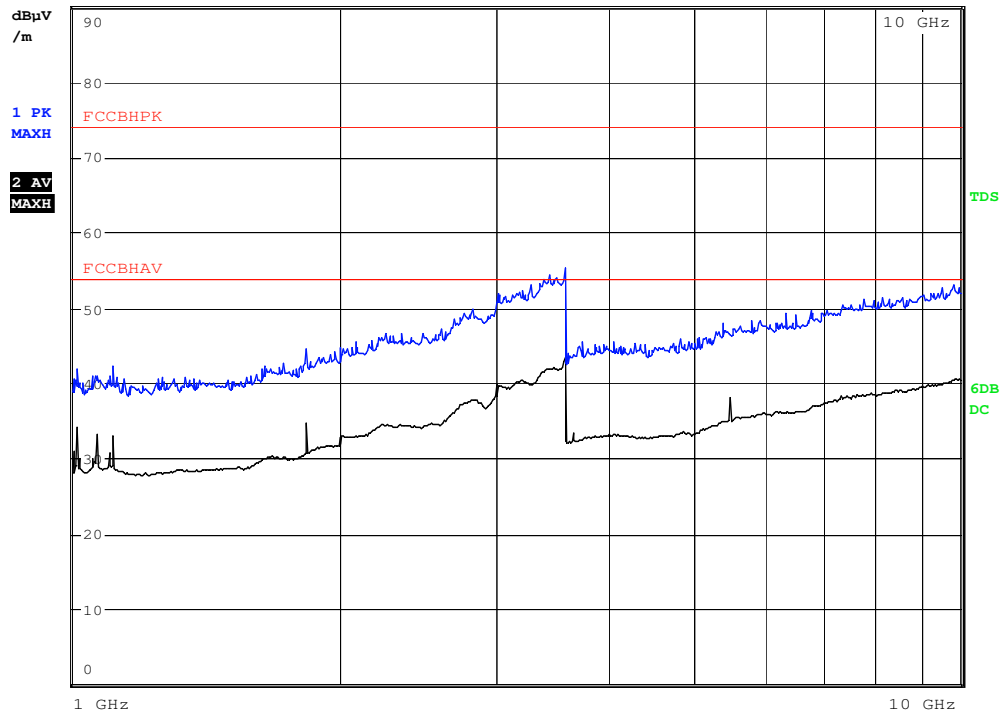


Date: 28.APR.2008 14:42:42



### G08036869

RBW 1 MHz  
MT 20 ms  
Att 10 dB AUTO PREAMP ON



Date: 4.APR.2008 11:52:00



### G08036870

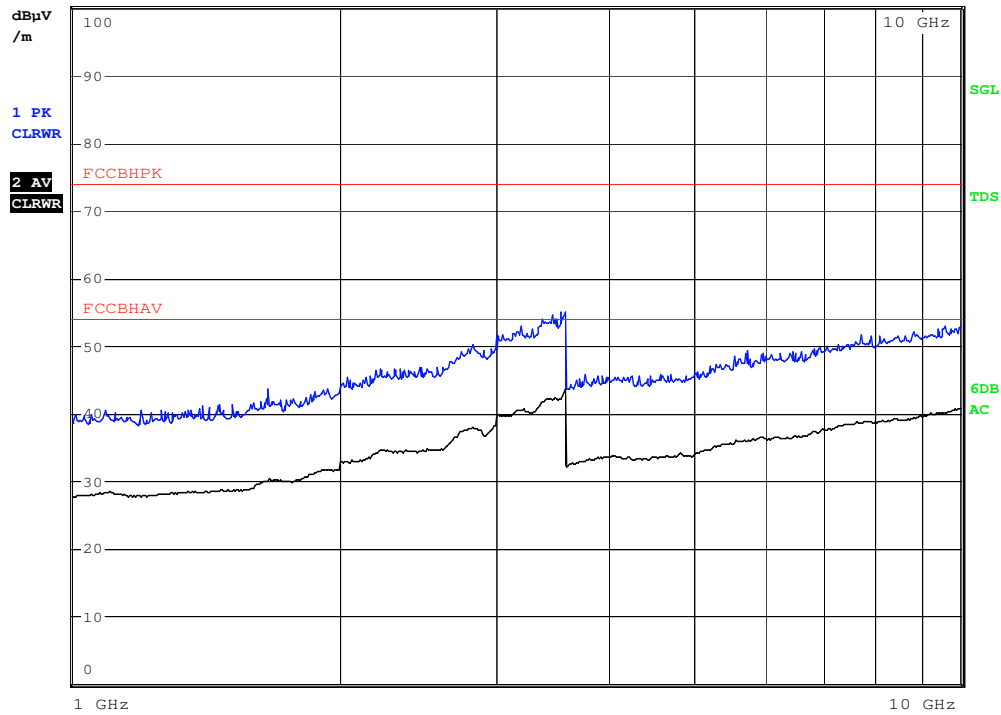
08036870

RBW 1 MHz

MT 20 ms

Att 0 dB AUTO

PREAMP ON



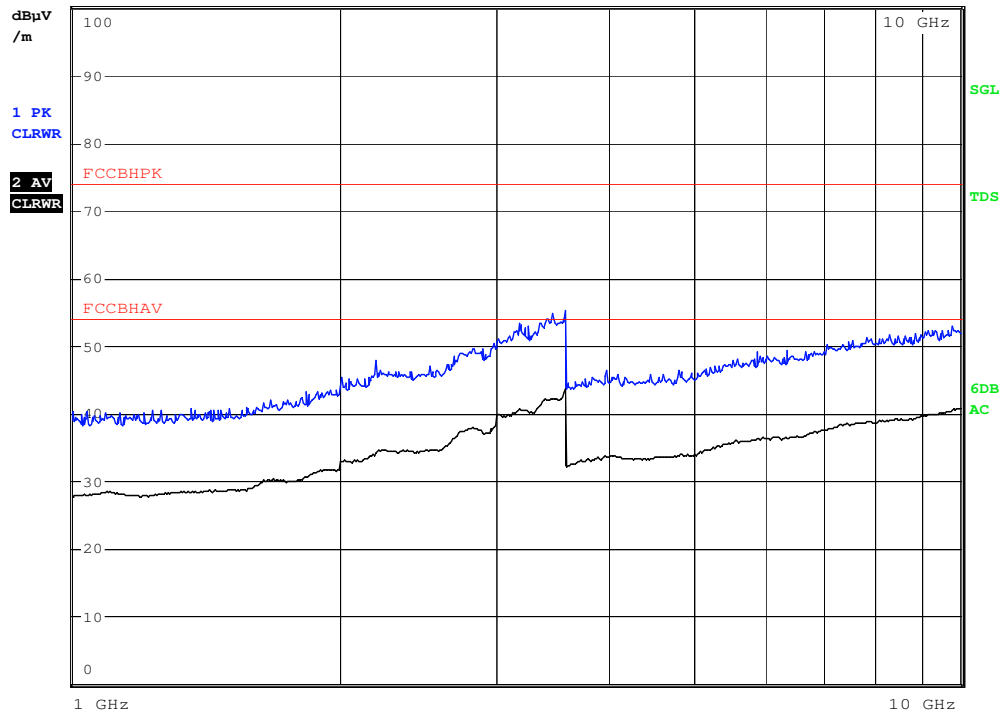
Date: 28.APR.2008 14:36:19



### G08036871

08036871

RBW 1 MHz  
MT 20 ms  
Att 0 dB AUTO  
PREAMP ON



Date: 28.APR.2008 14:37:02

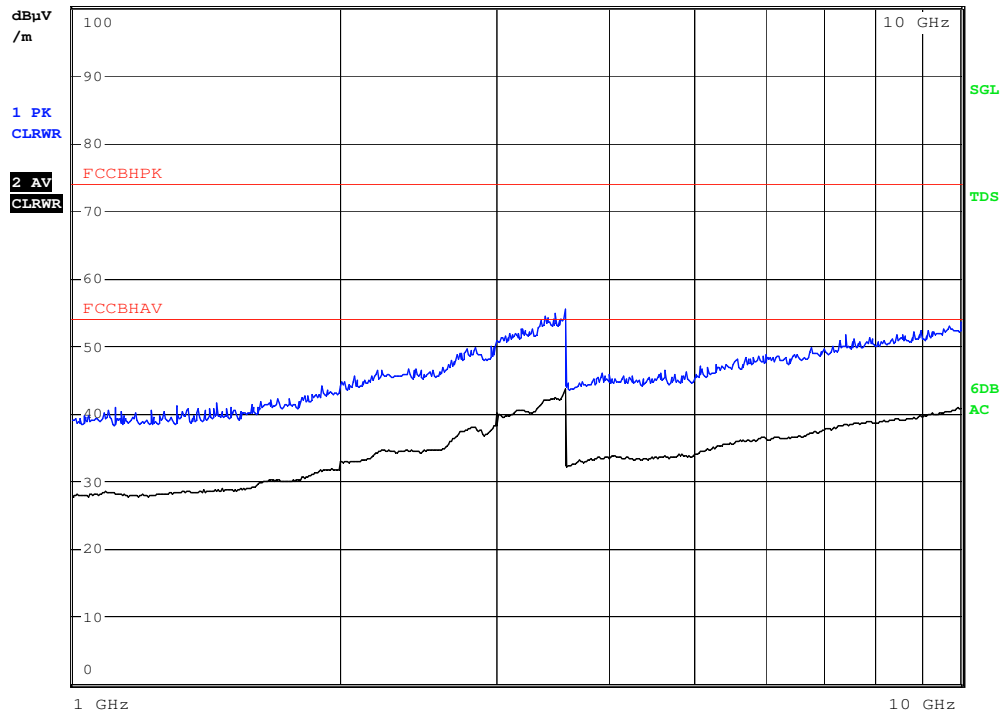


### G08036872

08036872

RBW 1 MHz  
MT 20 ms  
PREAMP ON

Att 0 dB AUTO



Date: 28.APR.2008 14:37:50

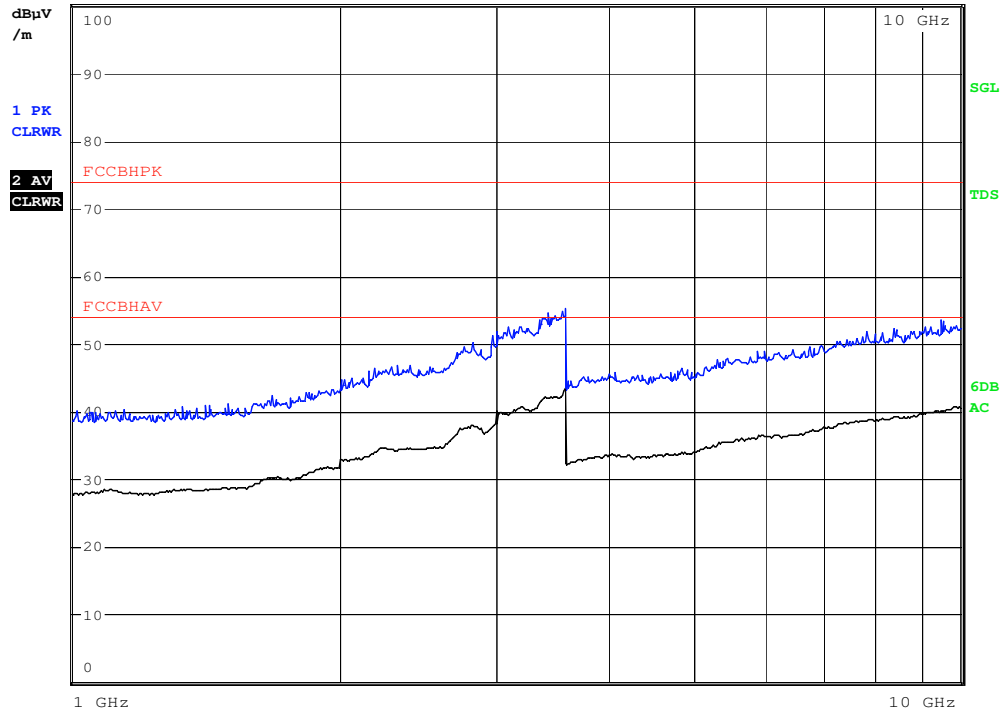


### G08036873

08036873

RBW 1 MHz  
MT 20 ms  
PREAMP ON

Att 0 dB AUTO



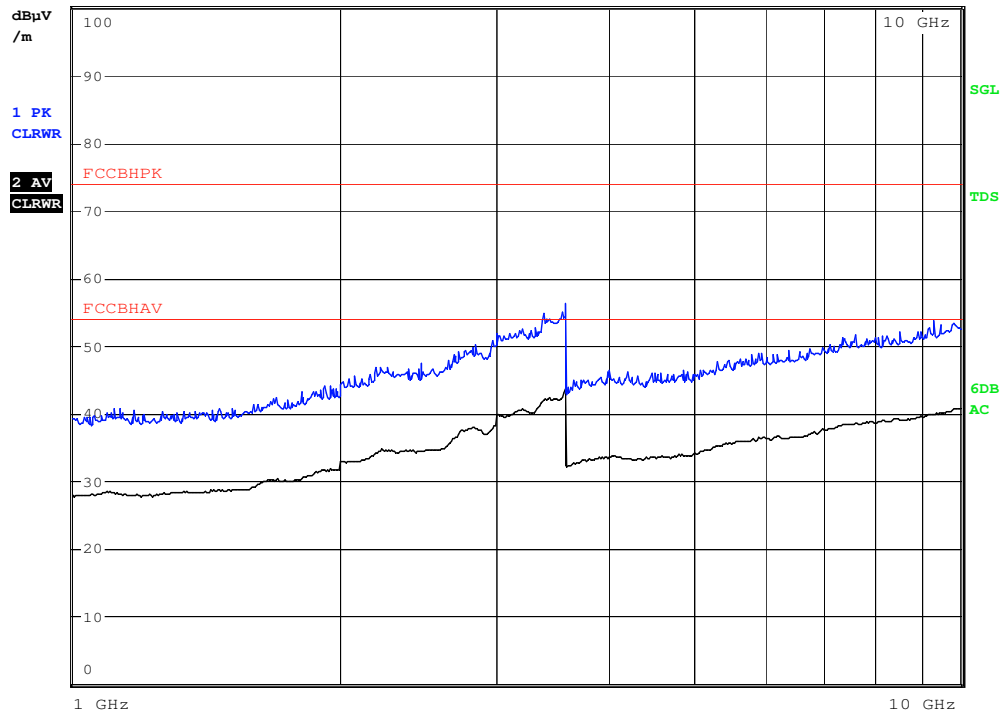
Date: 28.APR.2008 14:38:39



### G08036874

08036874

RBW 1 MHz  
MT 20 ms  
Att 0 dB AUTO  
PREAMP ON



Date: 28.APR.2008 14:39:29

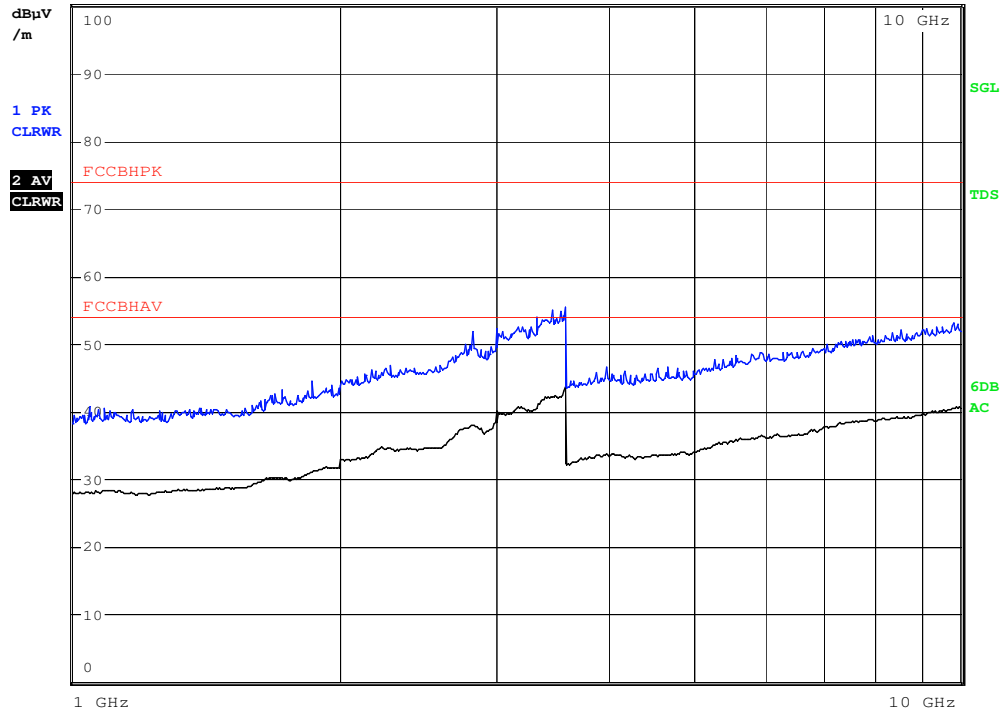




### G08036875

08036875

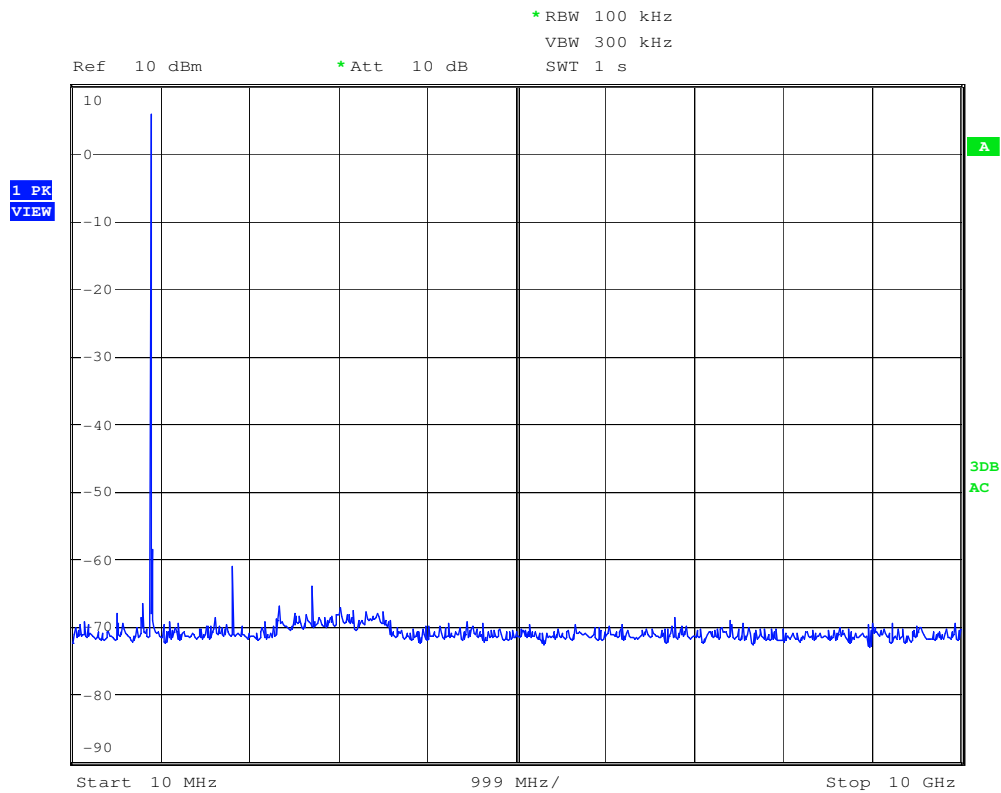
RBW 1 MHz  
MT 20 ms  
Att 0 dB AUTO  
PREAMP ON



Date: 28.APR.2008 14:40:18



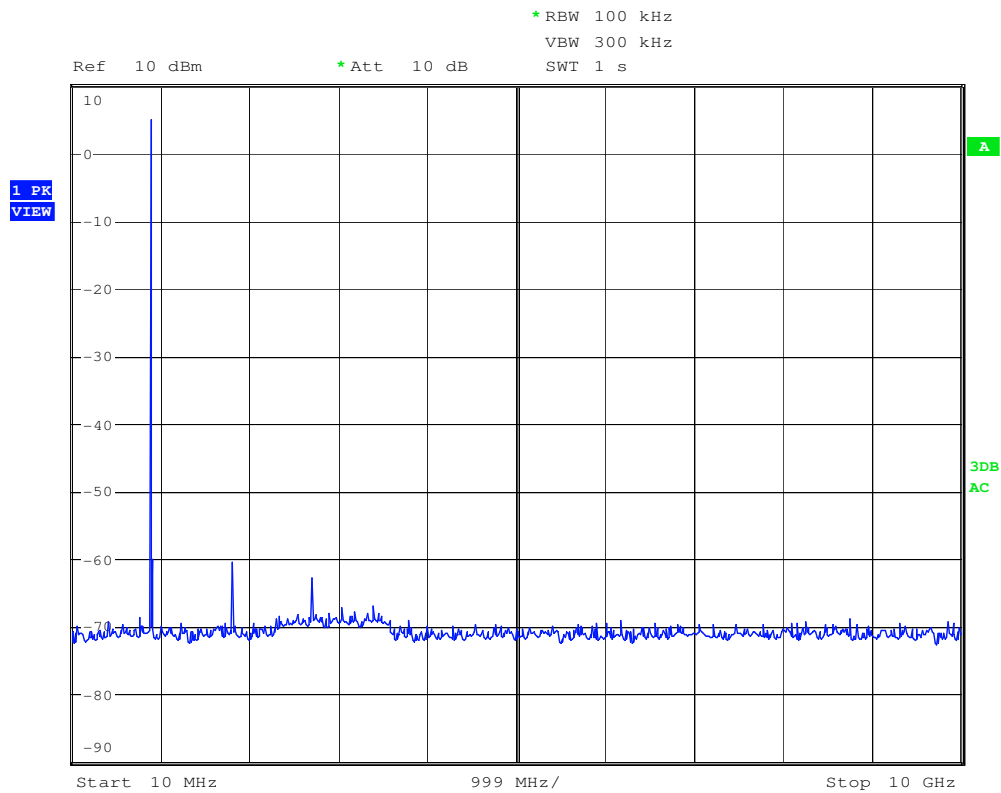
### G08036876



Date: 4.APR.2008 15:54:48



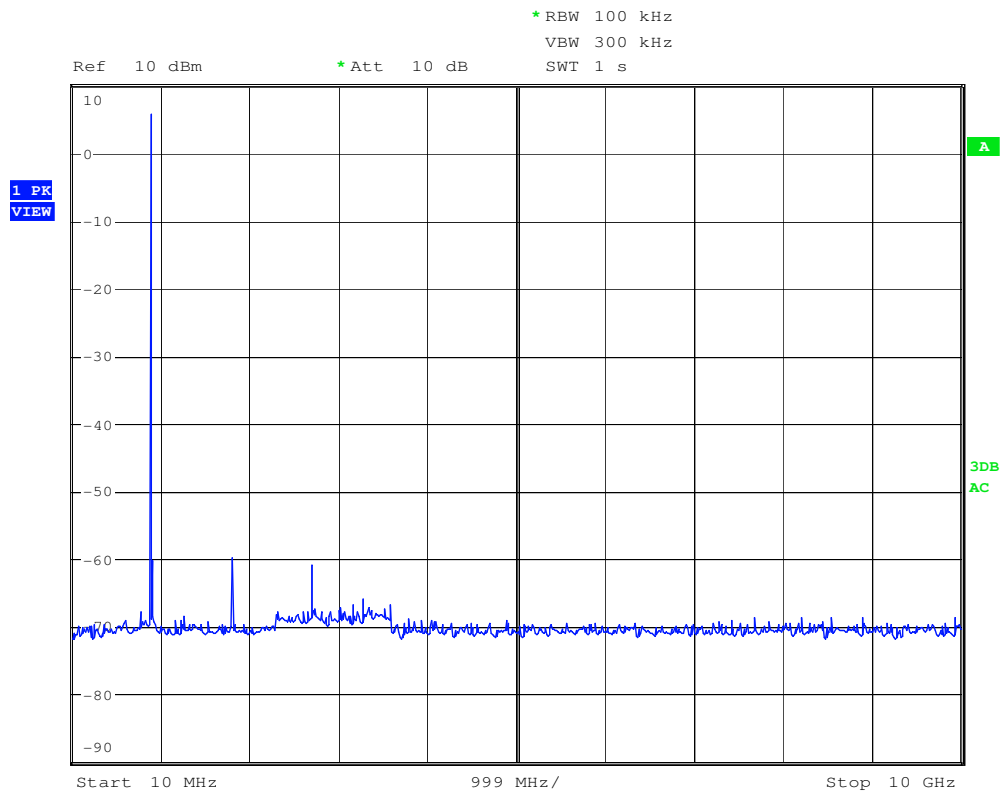
### G08036877



Date: 4.APR.2008 15:56:13



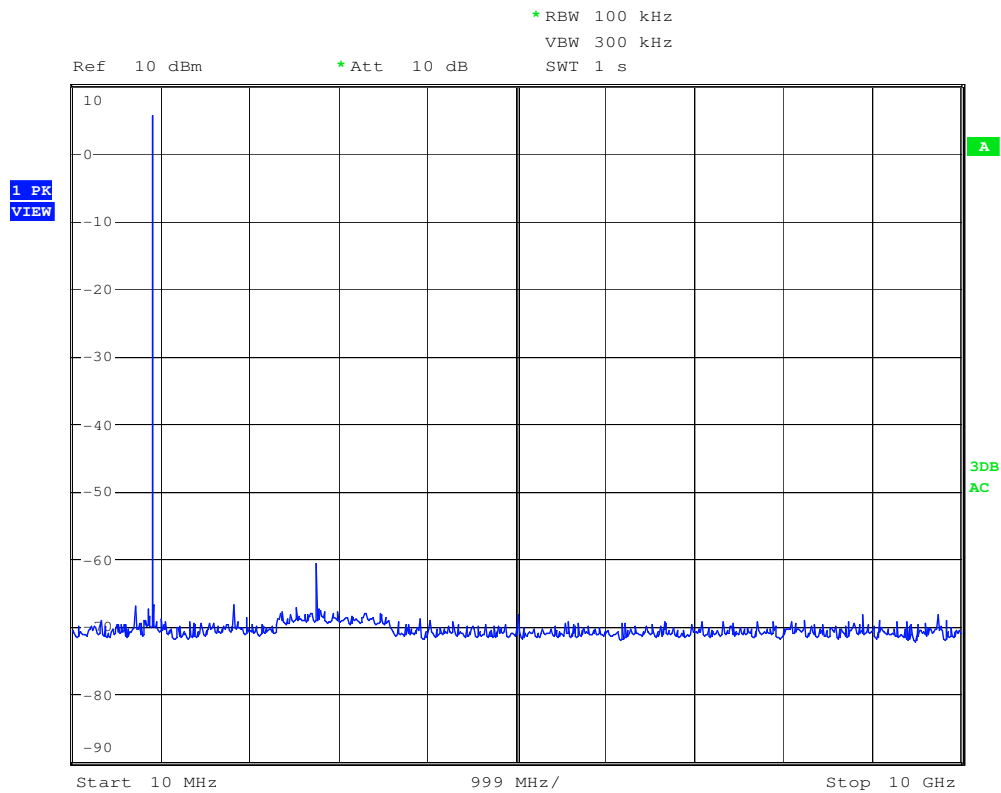
### G08036878



Date: 4.APR.2008 15:57:27



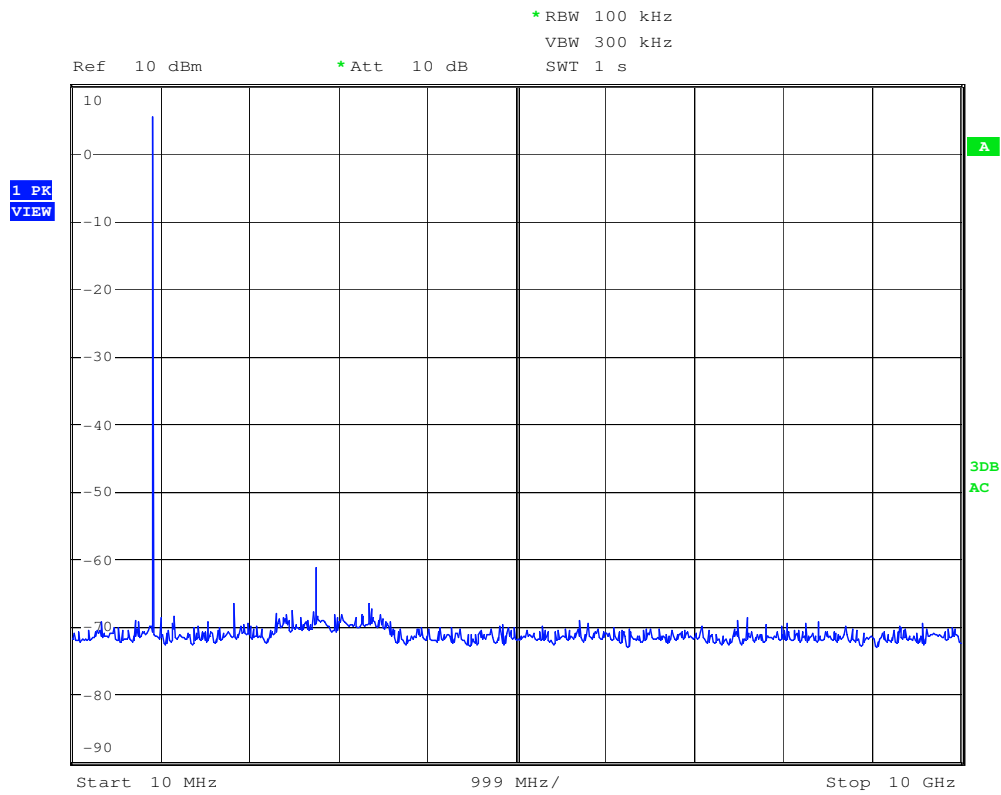
### G08036879



Date: 4.APR.2008 15:59:04



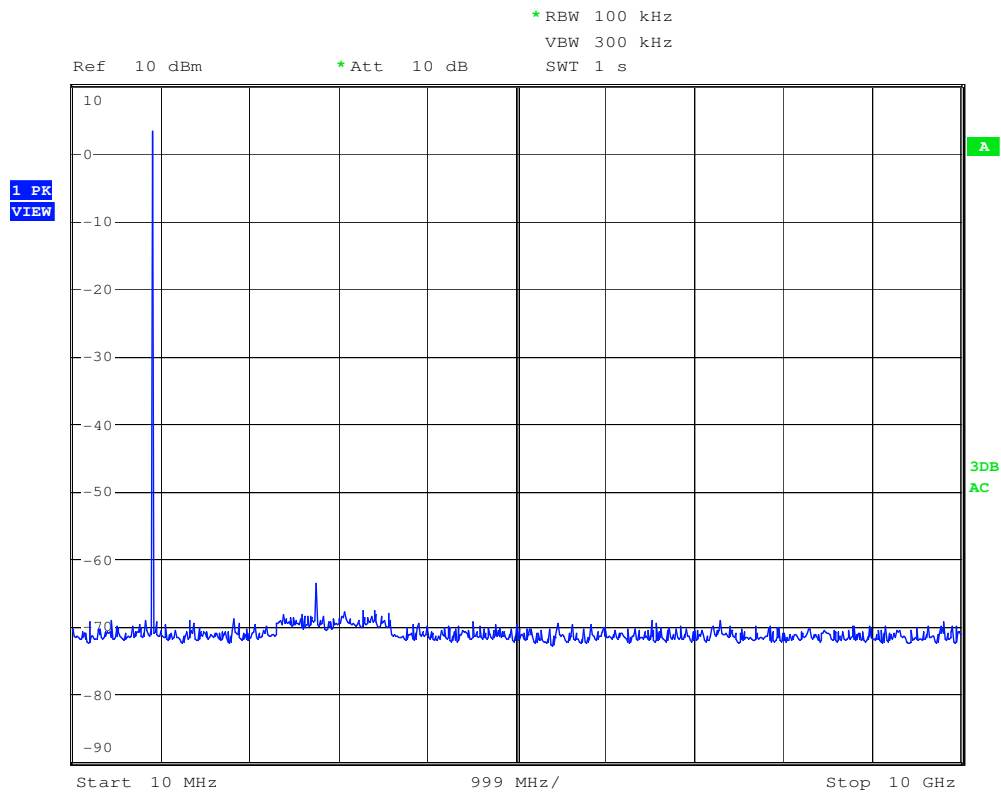
### G08036880



Date: 4.APR.2008 15:59:46



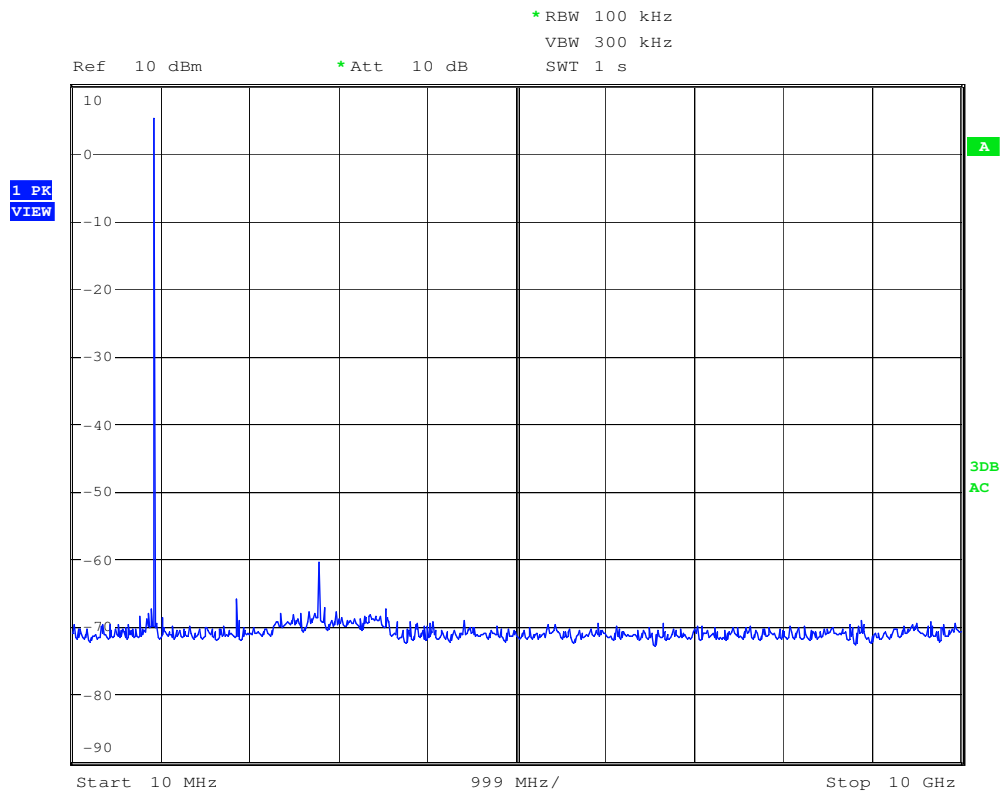
### G08036881



Date: 4.APR.2008 16:00:30



### G08036882

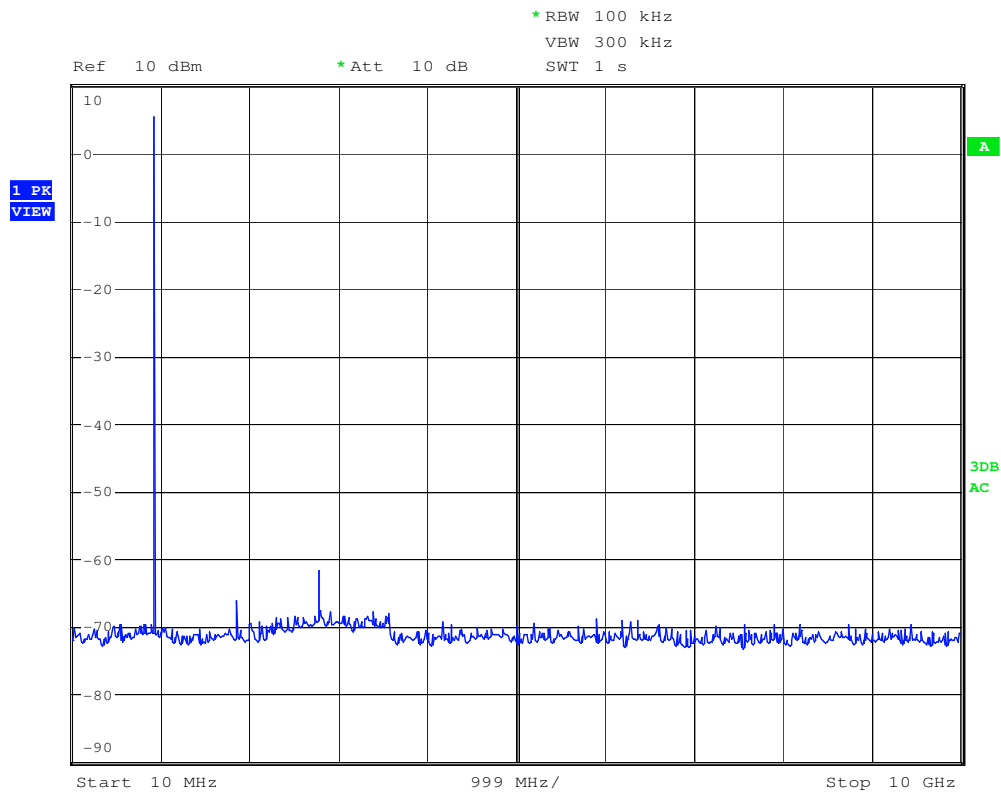


Date: 4.APR.2008 16:01:41





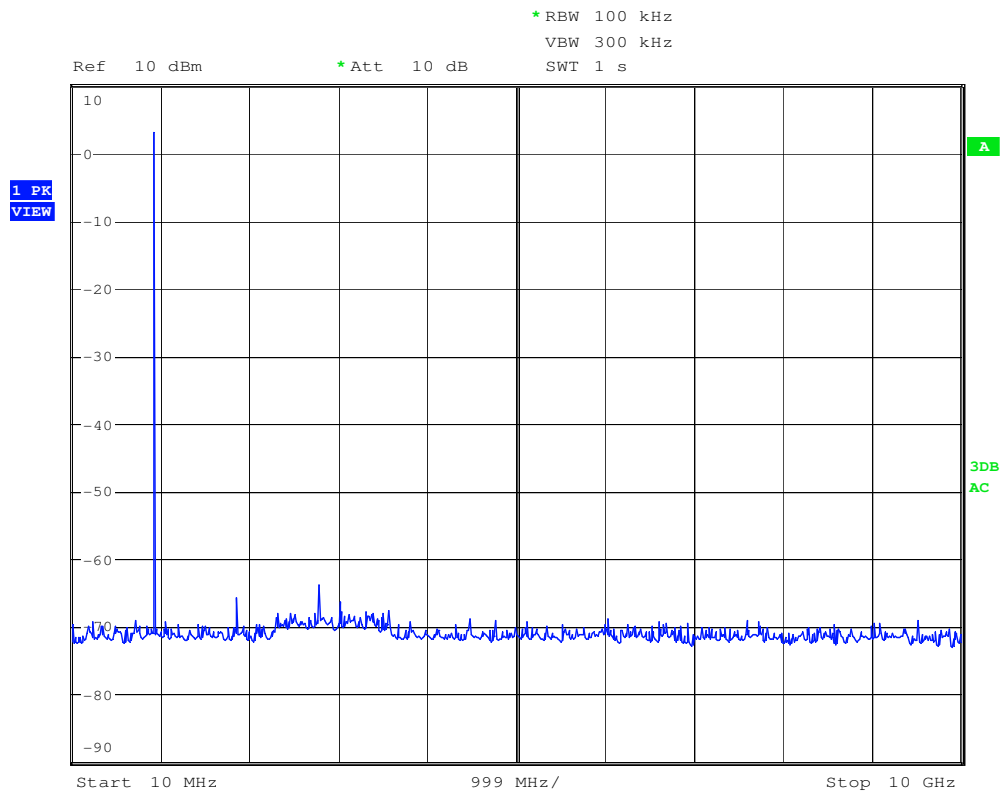
### G08036883



Date: 4.APR.2008 16:02:23



### G08036884



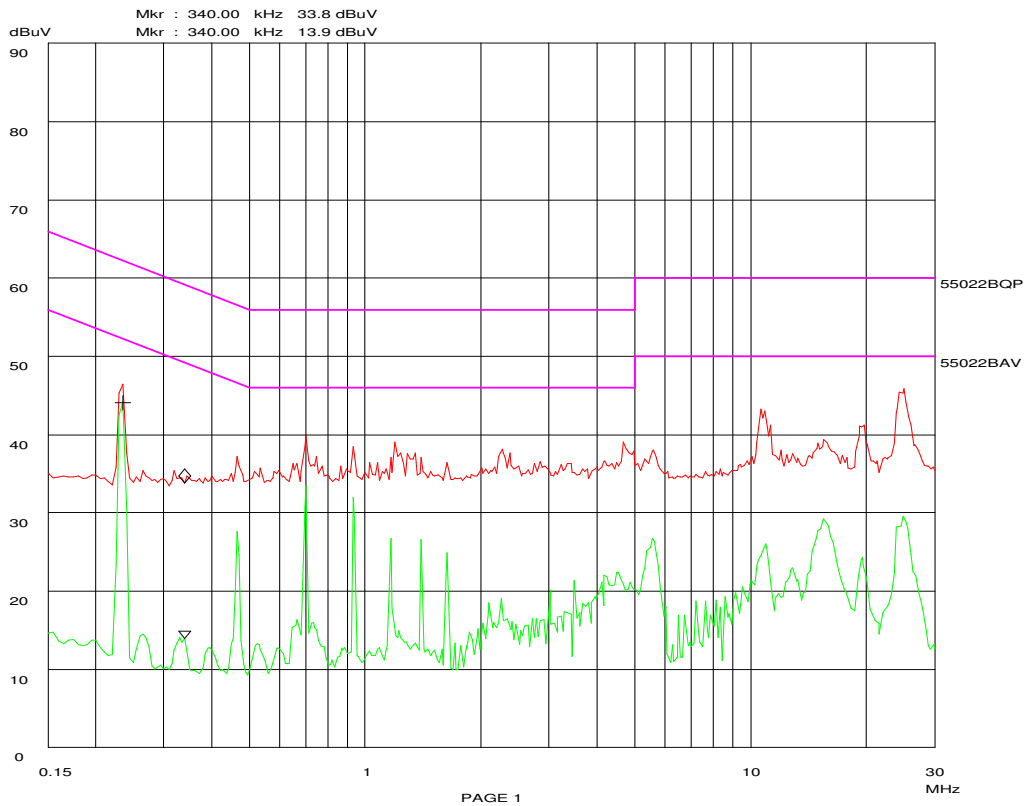
Date: 4.APR.2008 16:03:07



G08036885

CMC Centro Misure Compatibilita` Srl  
Emissioni 0.15 - 30 MHz

In trasmissione  
Bert. 080036885  
Line -(5V):  
%comment:

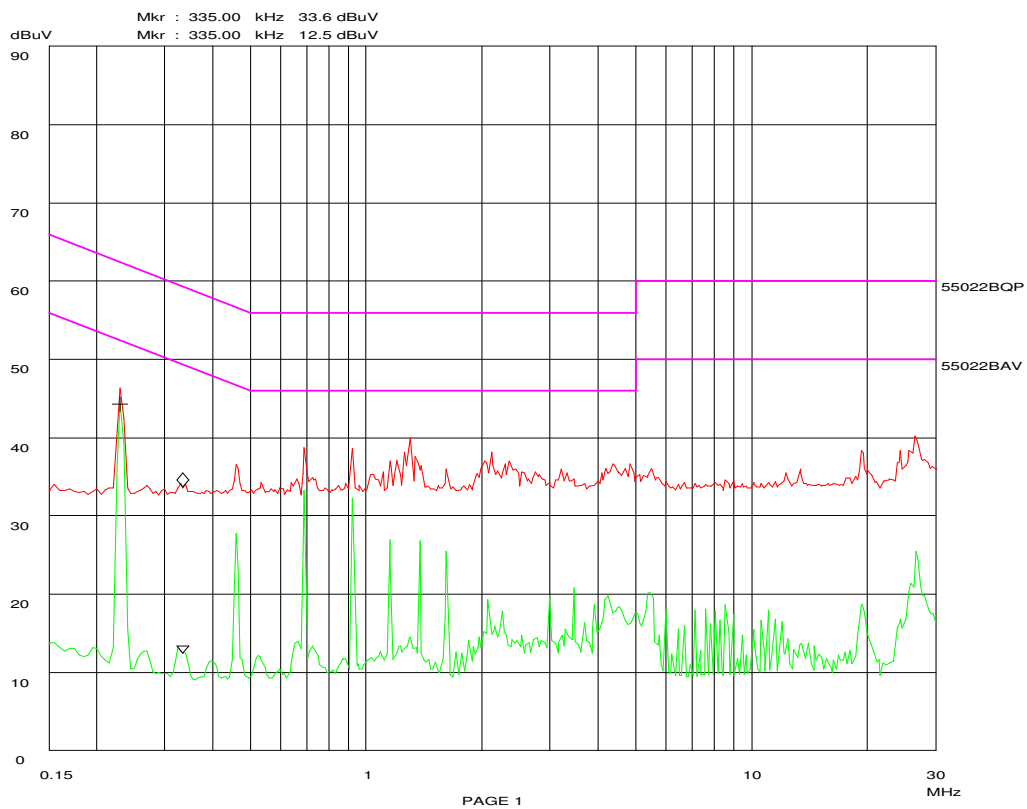




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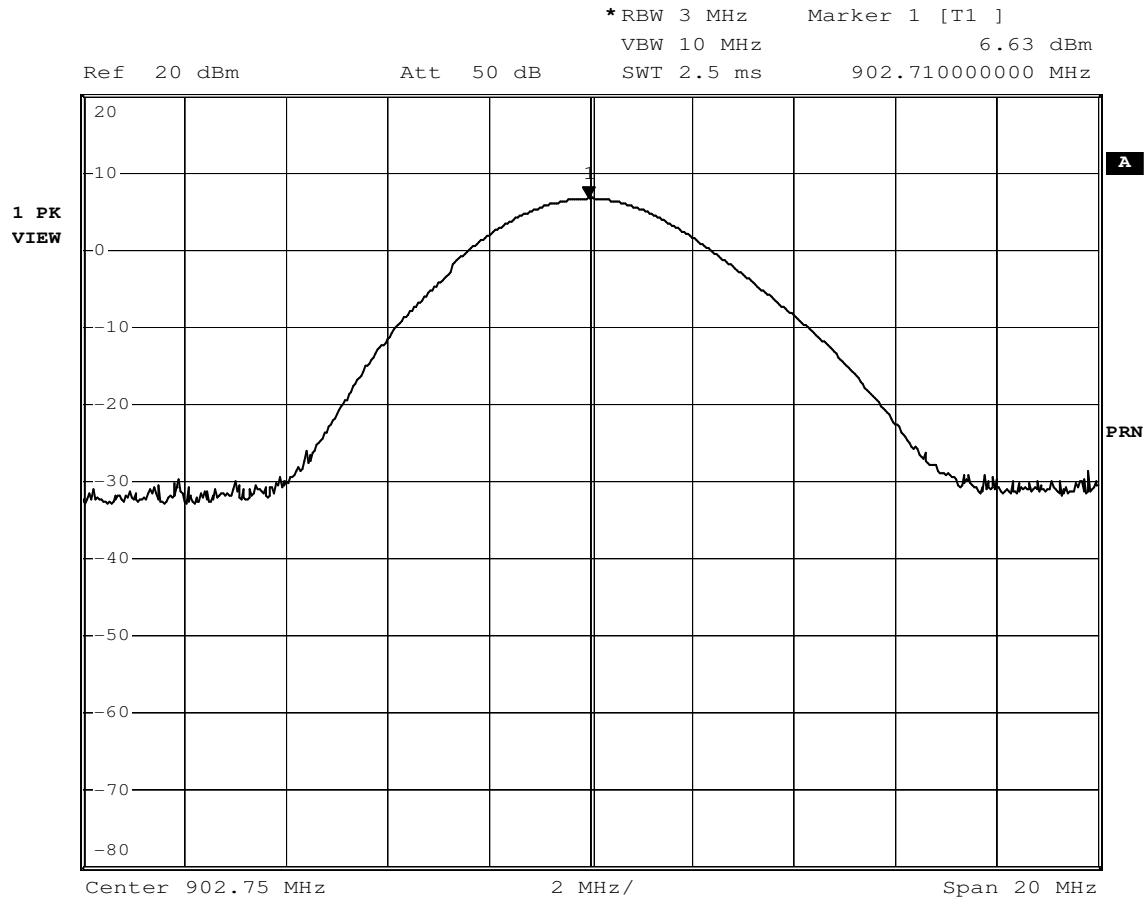
CMC Centro Misure Compatibilita` Srl  
Emissioni 0.15 - 30 MHz

In trasmissione  
Bert. 080036886  
Line +(5V)  
%comment:



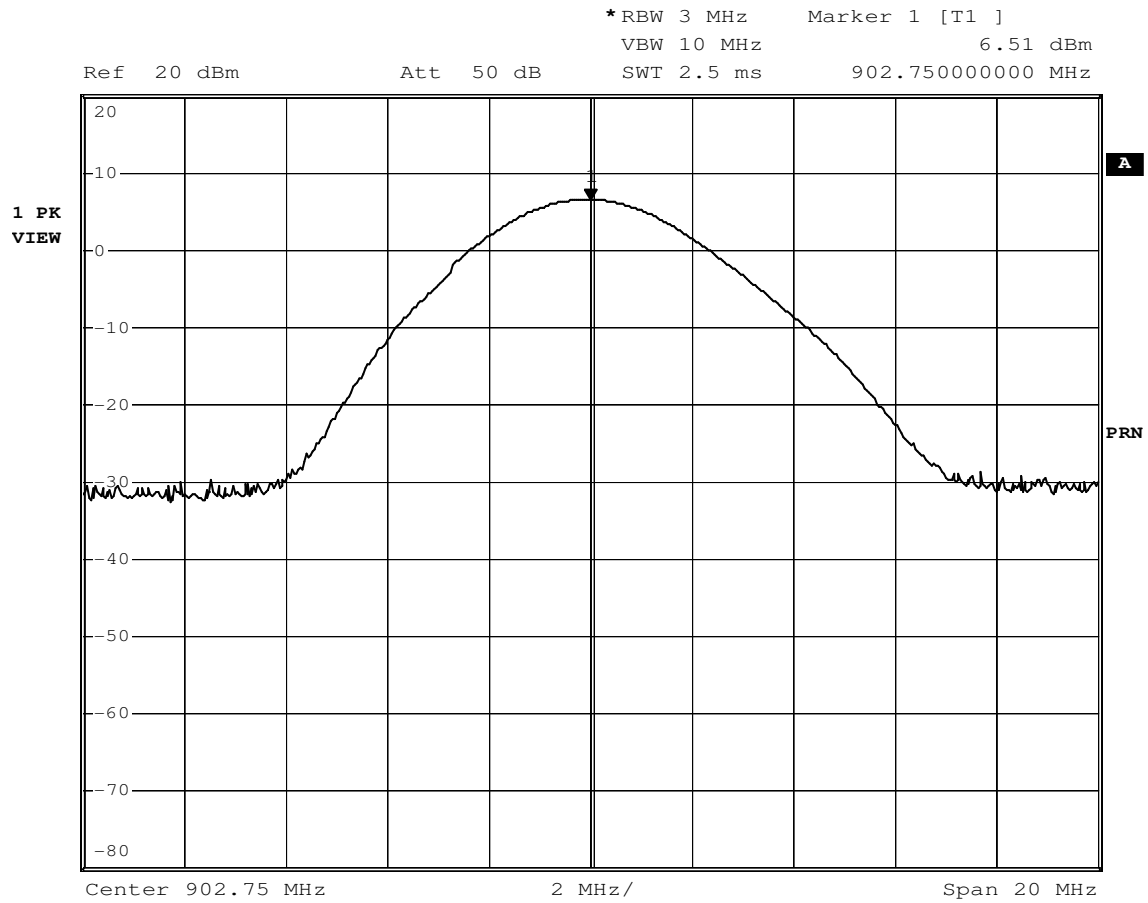


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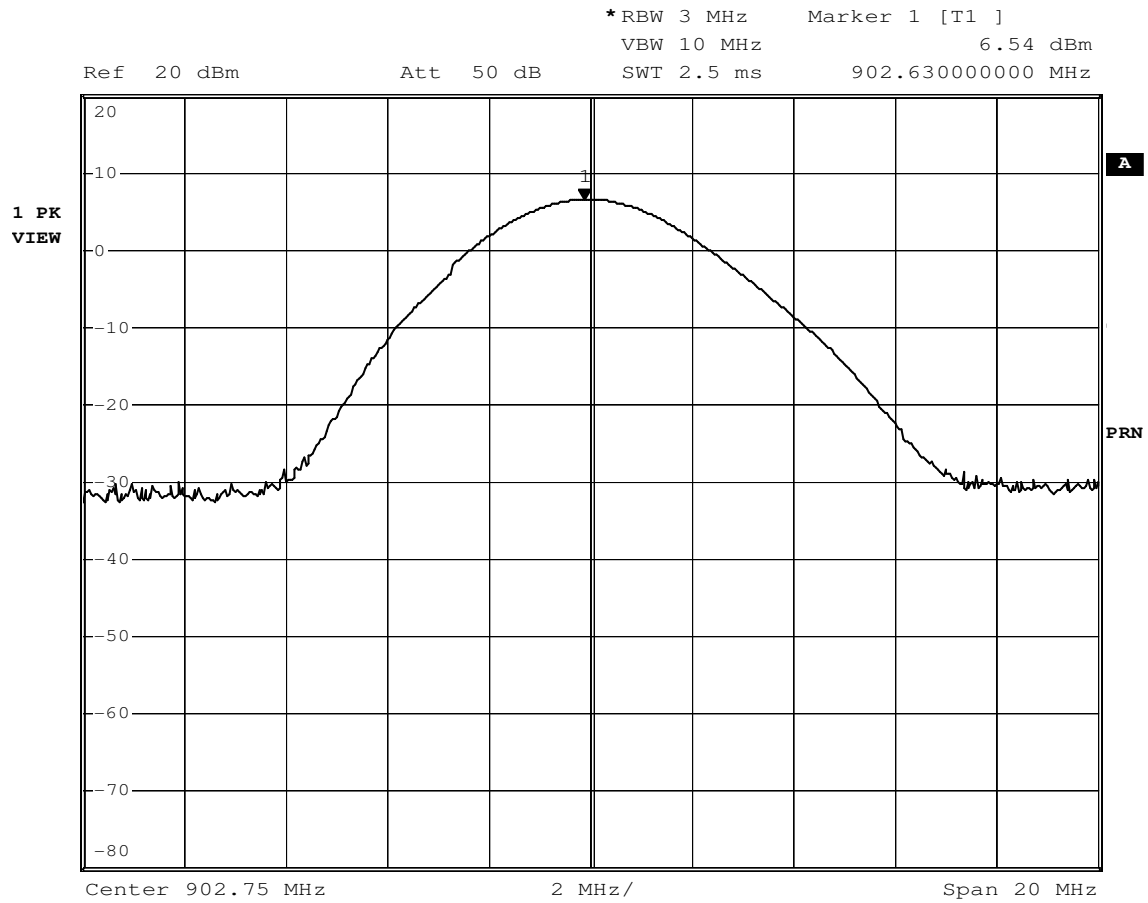


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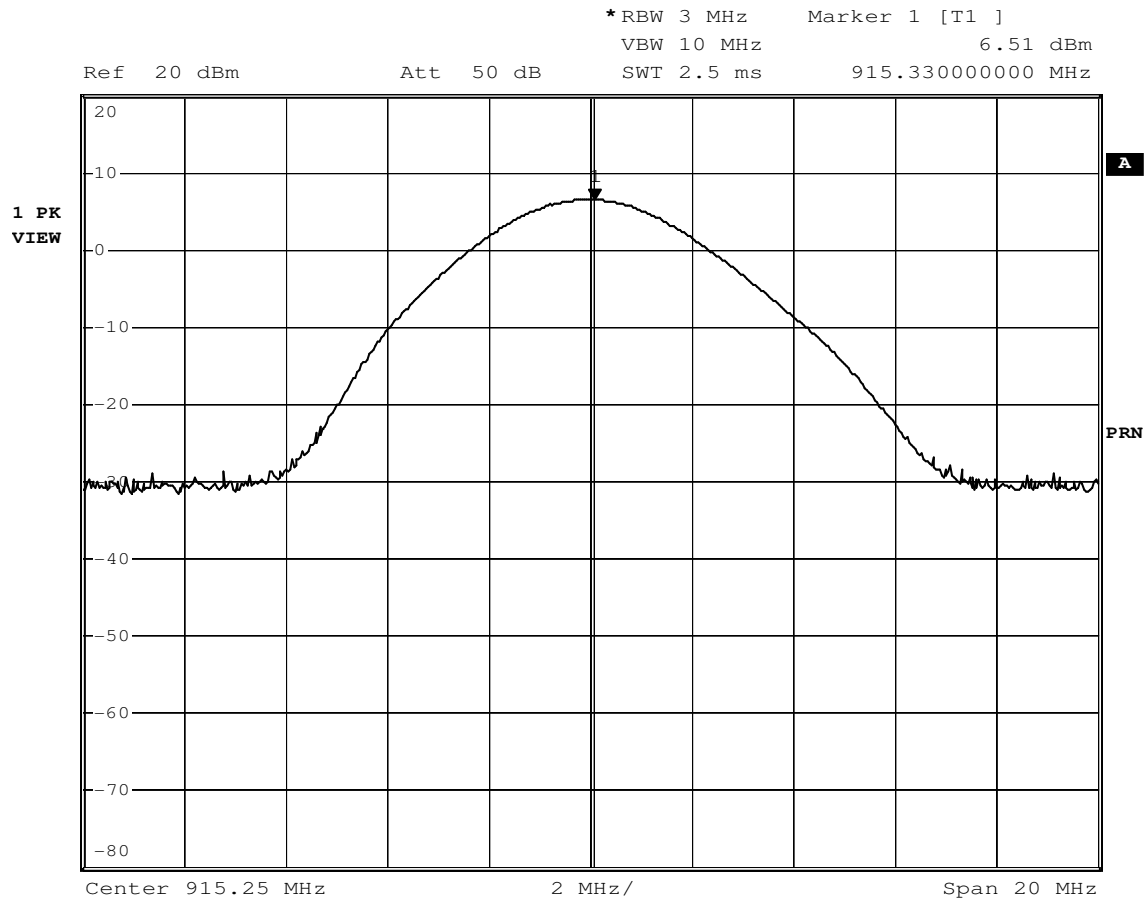


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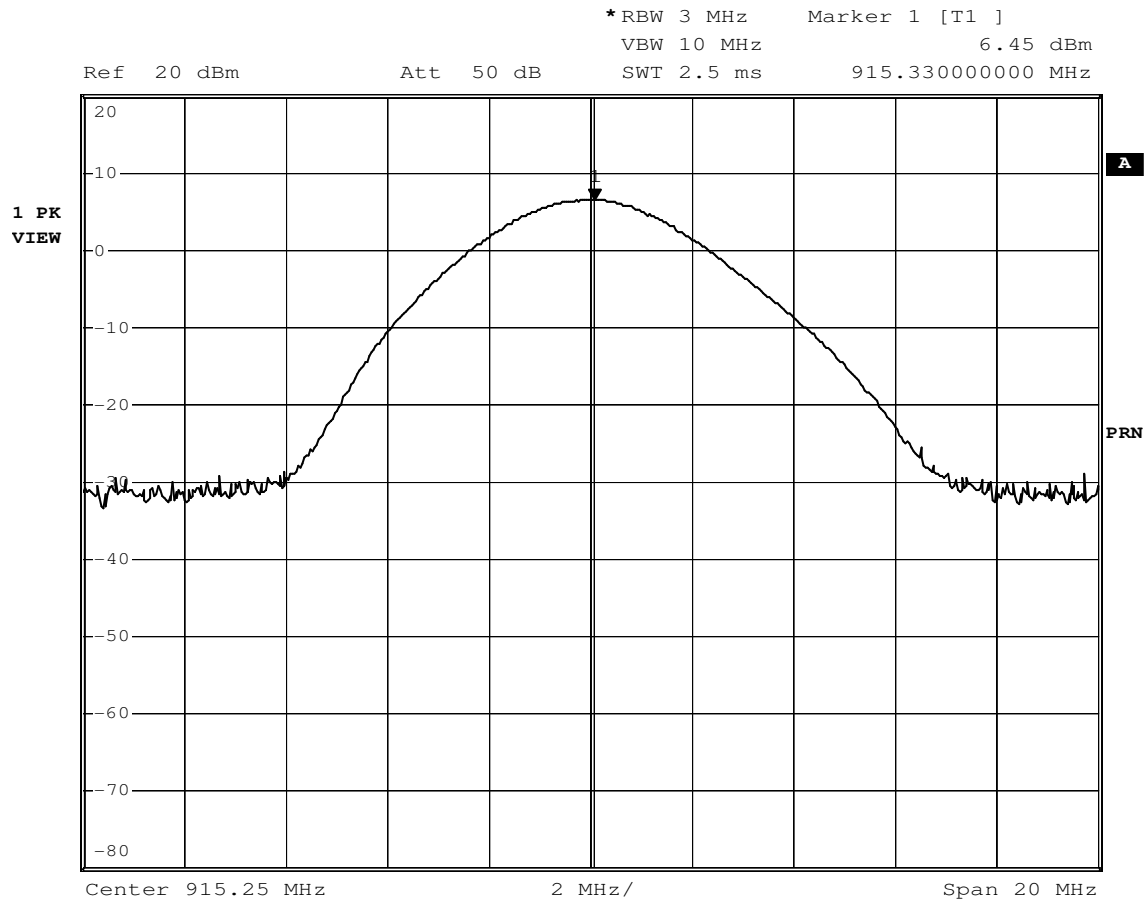
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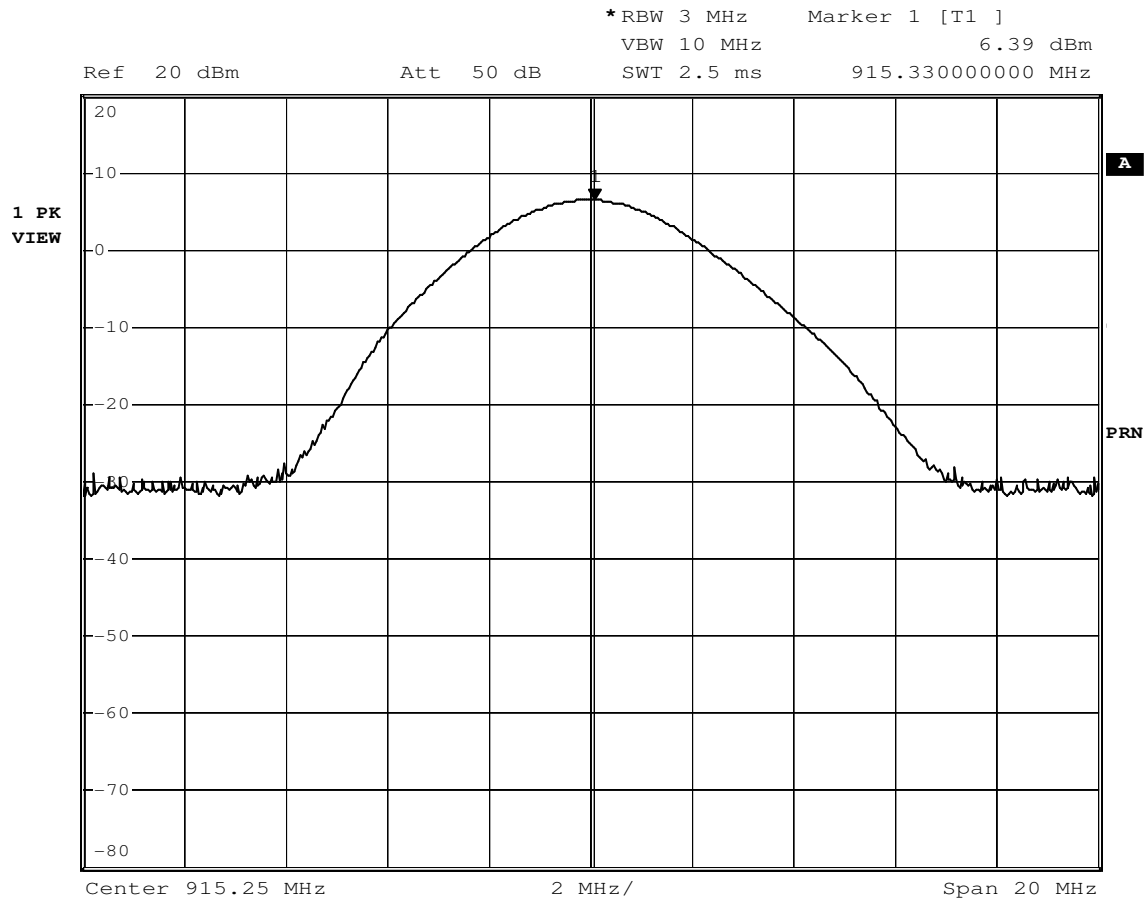


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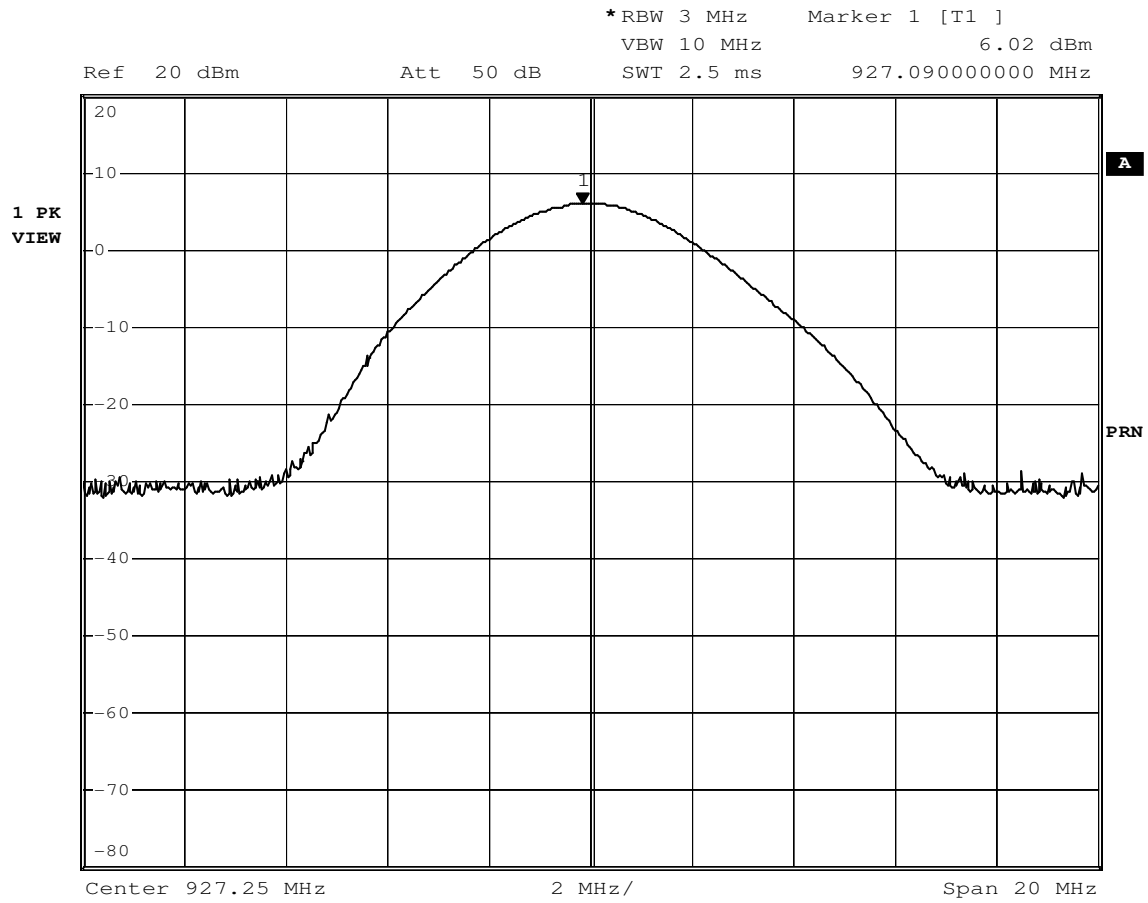


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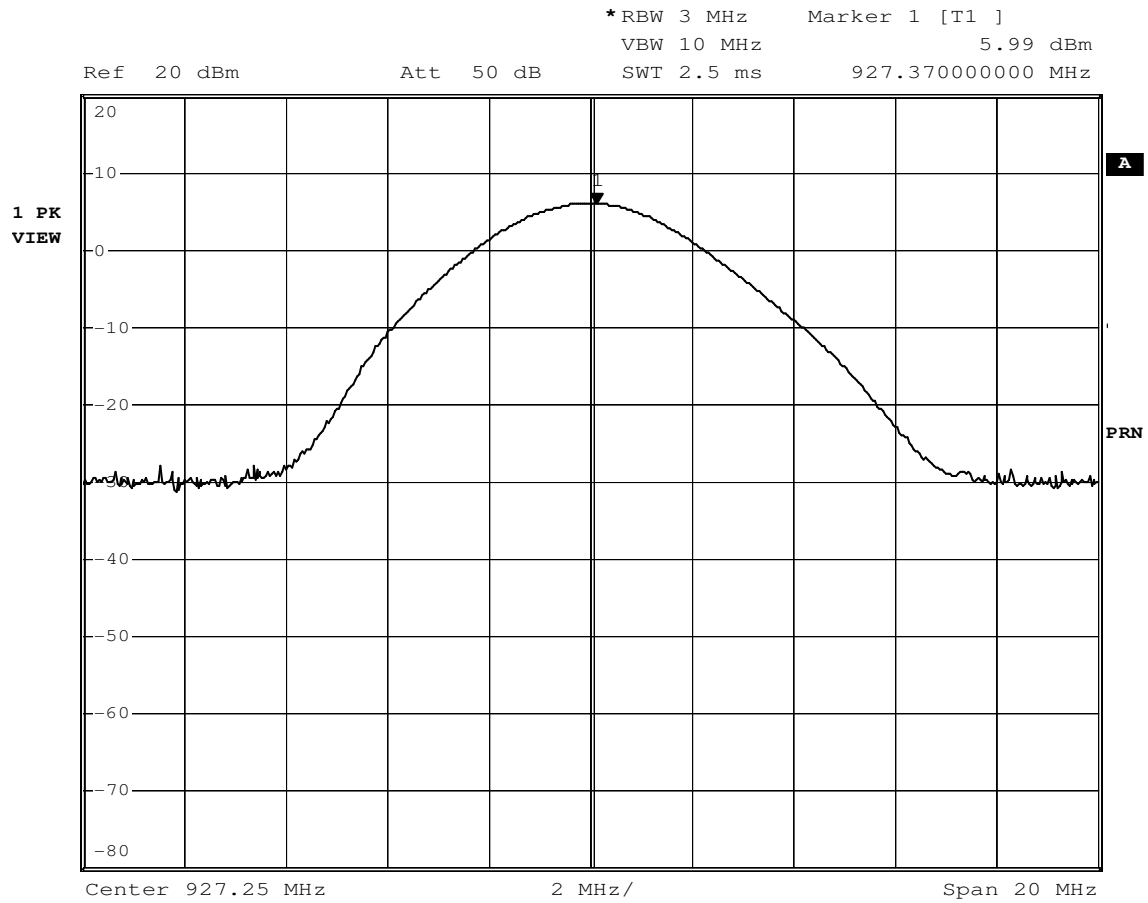


G08036893





G08036894





G08036895

