

Annex 1: Measurement diagrams to TEST REPORT

No.: 2-20755853e/08

According to:
FCC Regulations
Part 22 & Part 24 & Part 15.209

for
Toshiba Information Systems (UK) Ltd.

GSM/(E)GPRS/FDD Mobile Phone
TM5-J01

Laboratory Accreditation and Listings			
 DAT-P176/94-02	 Reg. No.: 99538 MRA US-EU 0003	 Reg. No.: IC 3465	 Reg. No.: R-2665, R-2666 C-2914, T-339
accredited according to DIN EN ISO/IEC 17025			
CETECOM GmbH Laboratory Radio Communications & Electromagnetic Compatibility Im Teelbruch 116 • 45219 Essen • Germany Registered in Essen, Germany, Reg. No.: HRB Essen 8984 Tel.: + 49 (0) 20 54 / 95 19-954 • Fax: + 49 (0) 20 54 / 95 19-964 E-mail: info@cetecom.de • Internet: www.cetecom.com			

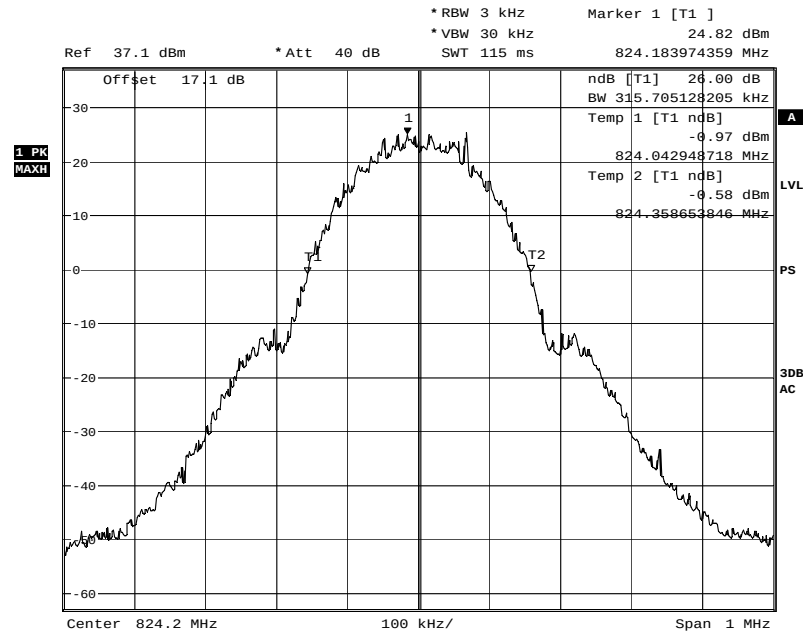
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1. ANNEX 1: Measurement diagrams

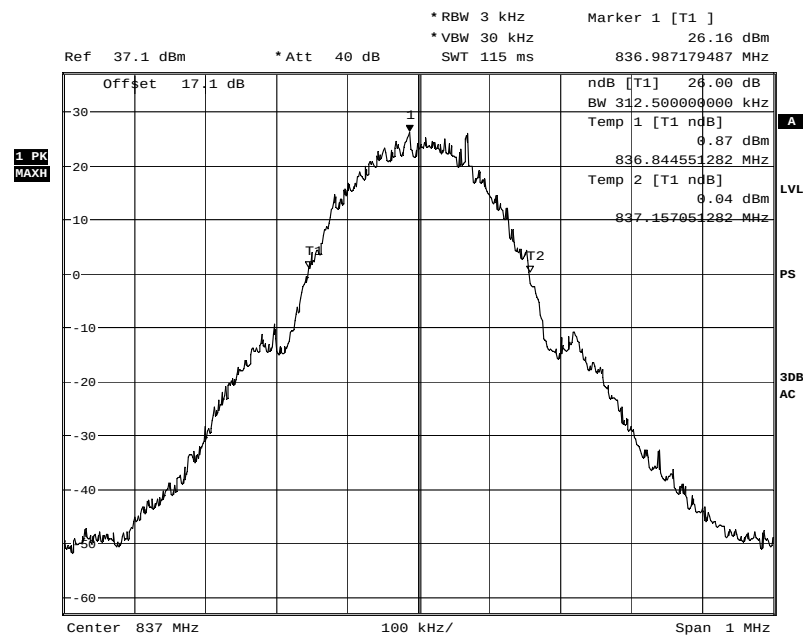
1.1. Emission bandwidth (26dBc Bandwidth)

GSM 850 (GMSK)



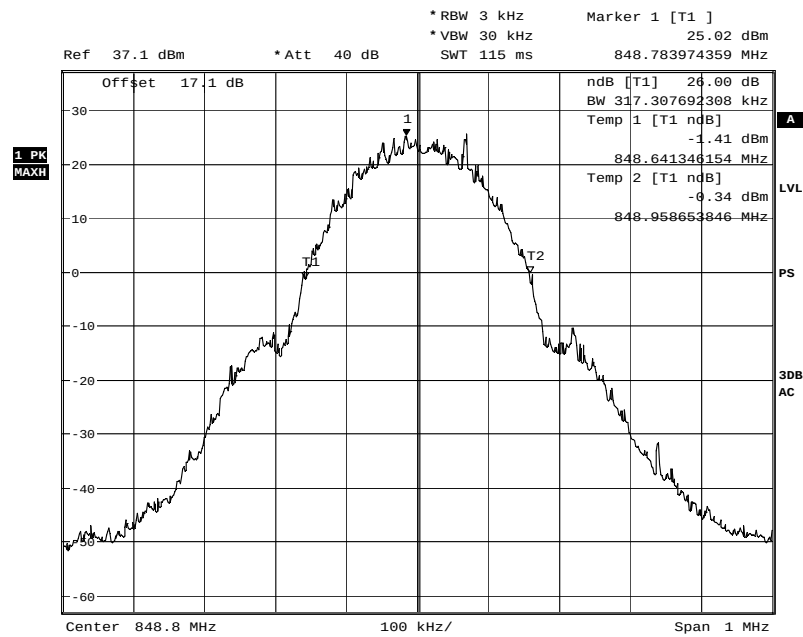
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CHANNEL 128



Date: 10.JAN.2009 17:07:22

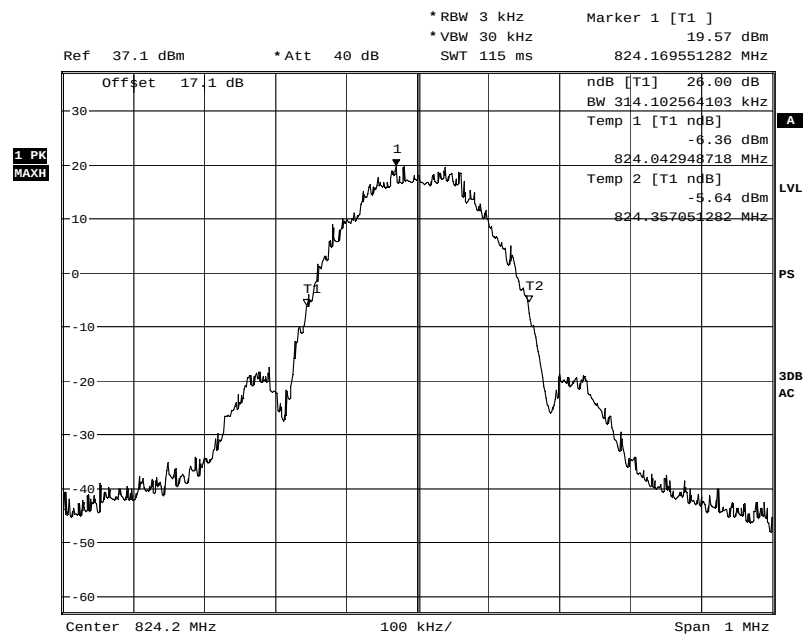
CHANNEL 192



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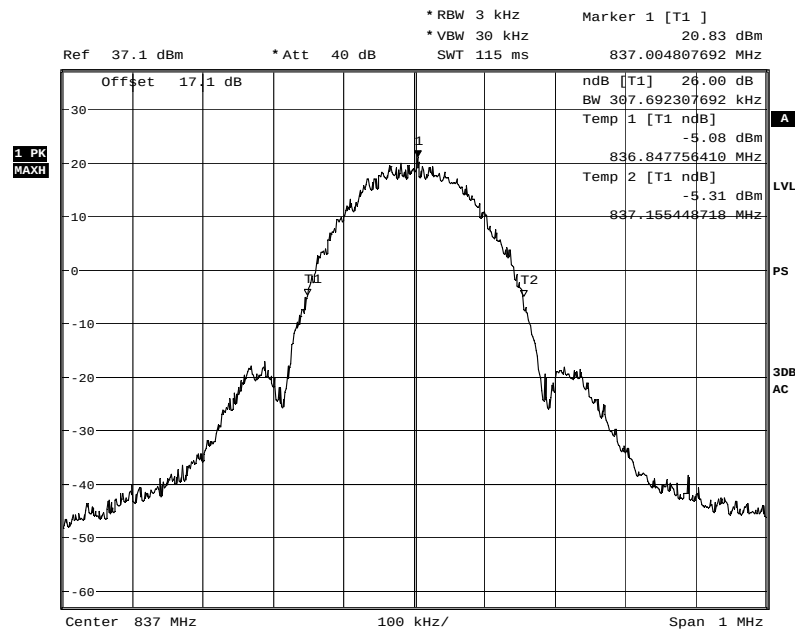
CHANNEL 251

E-GPRS 850 (8-PSK)

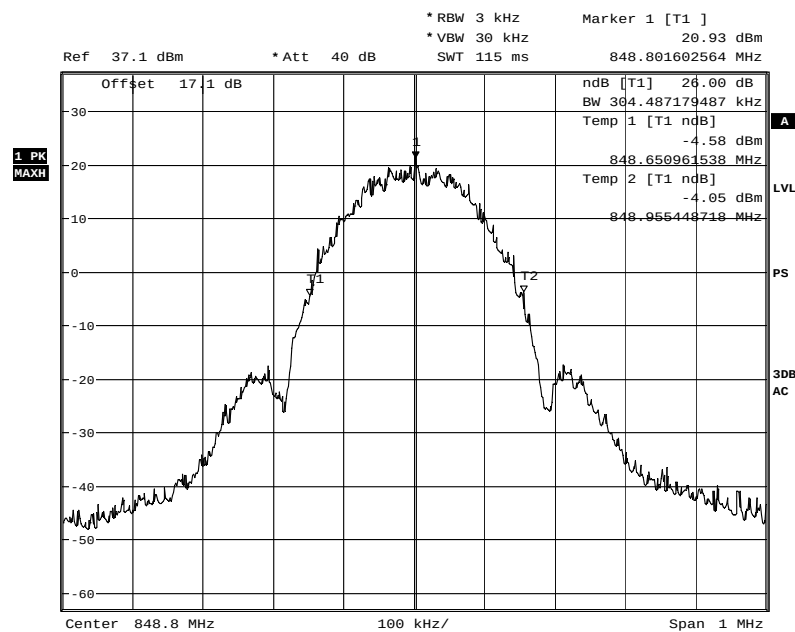


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CHANNEL 128



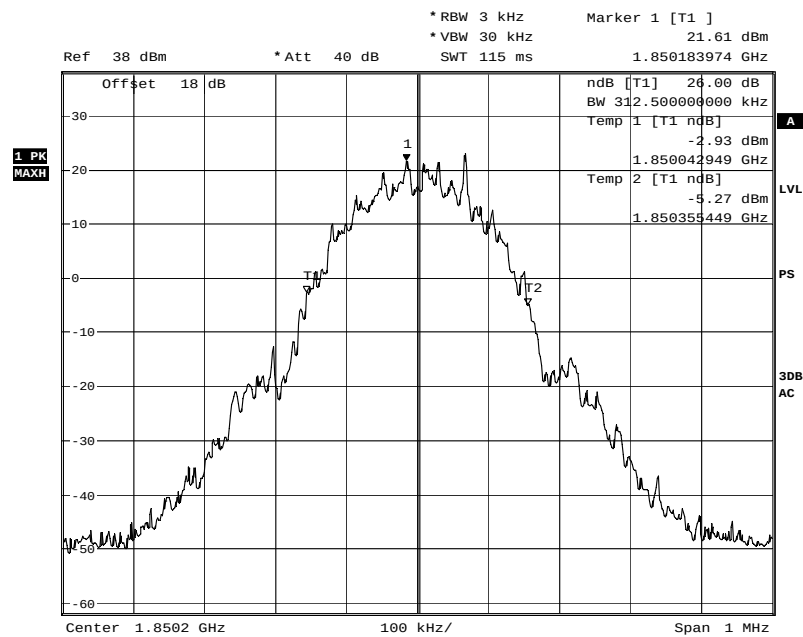
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CHANNEL 192

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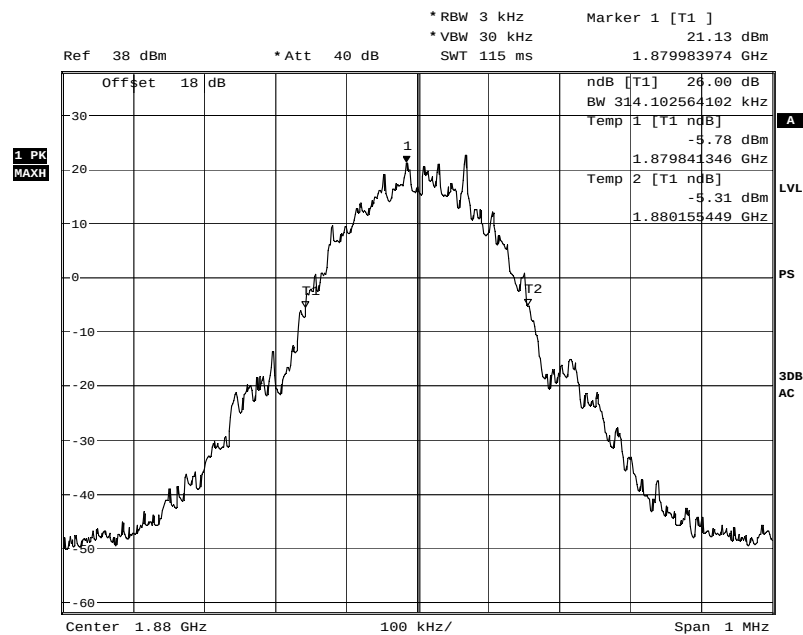
CHANNEL 251

GSM 1900 (GMSK-Modulation)



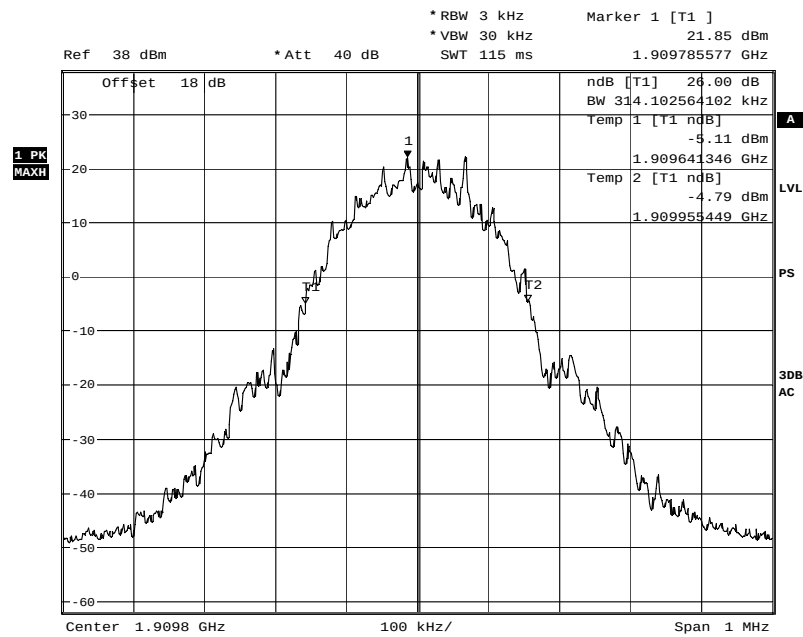
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CHANNEL 512



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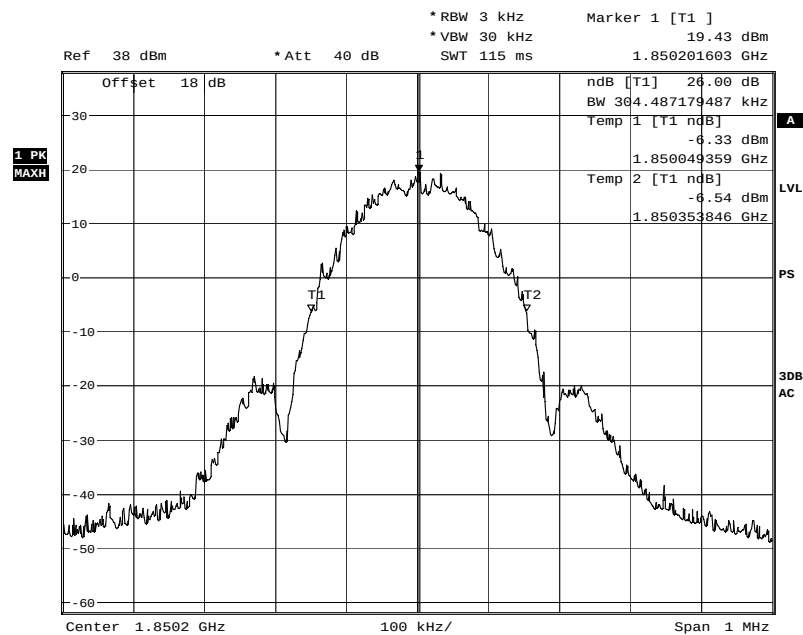
CHANNEL 661



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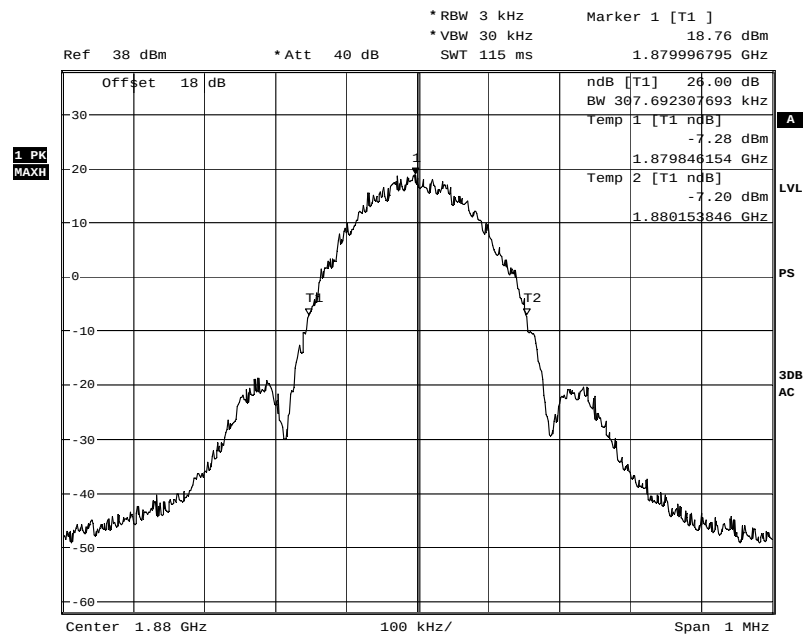
CHANNEL 810

E-GPRS 1900 (8-PSK Modulation)

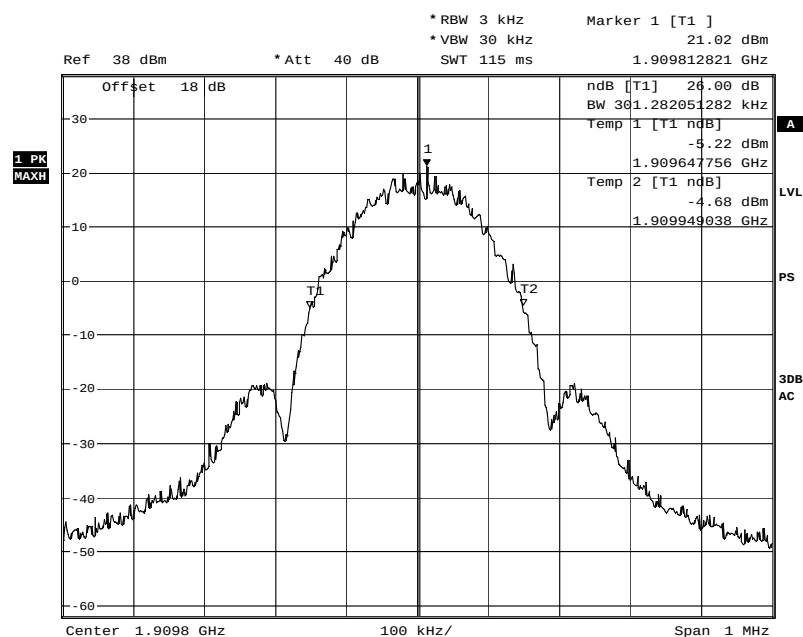


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CHANNEL 512



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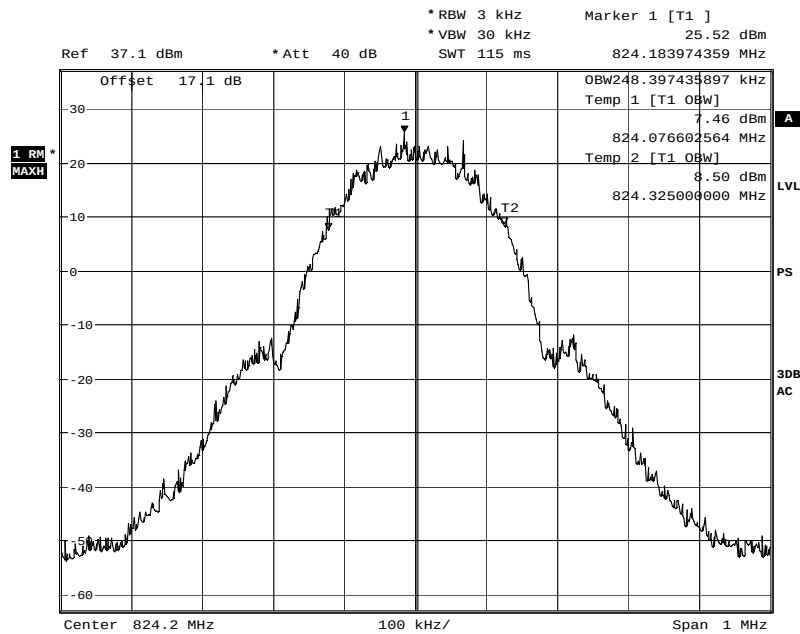
CHANNEL 661

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CHANNEL 810

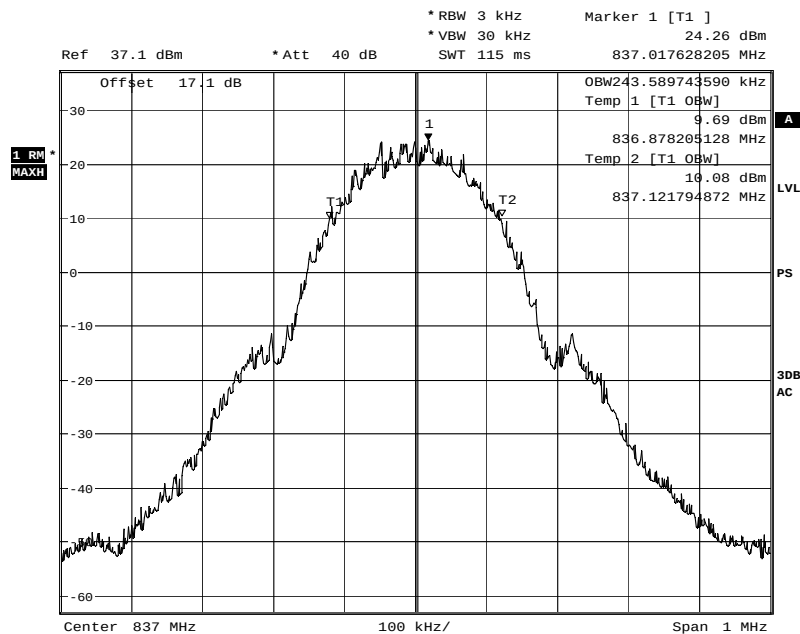
1.2. Occupied bandwidth

GSM 850



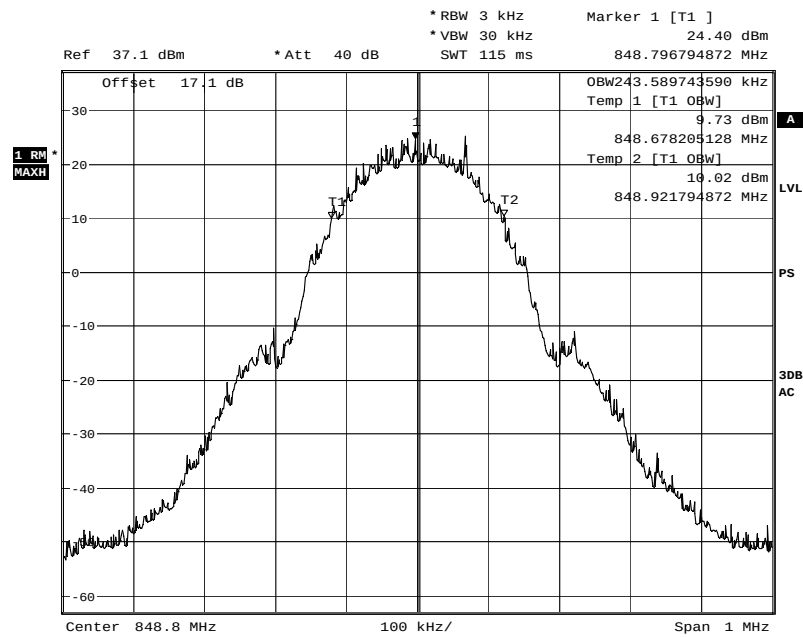
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CHANNEL 128



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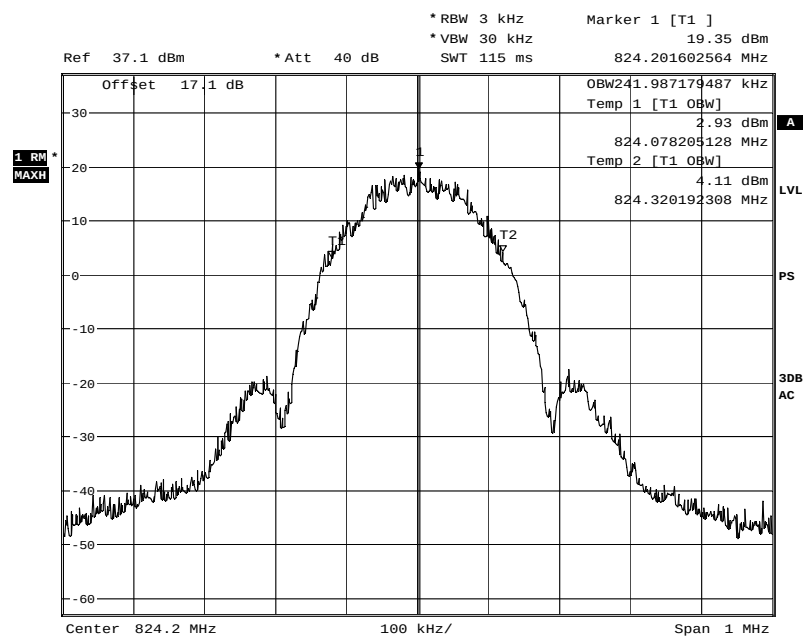
CHANNEL 192



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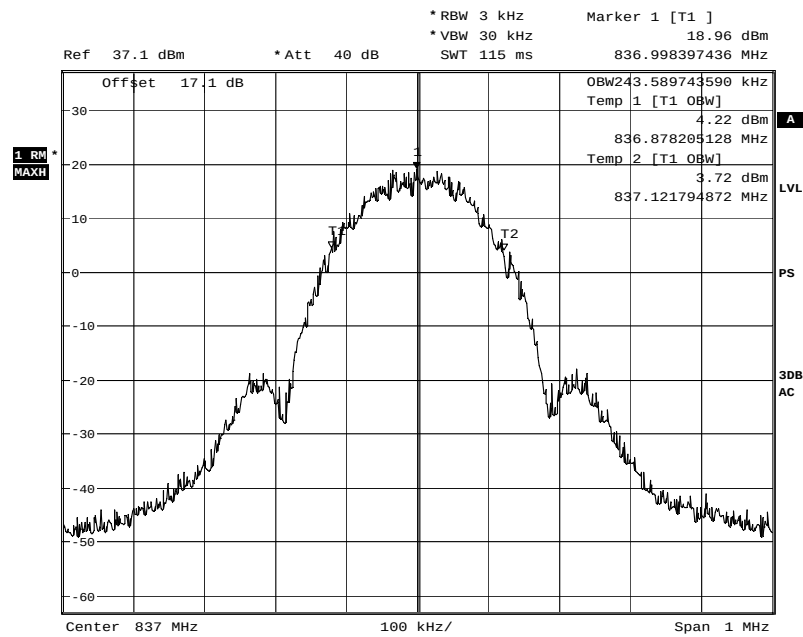
CHANNEL 251

E-GPRS 850



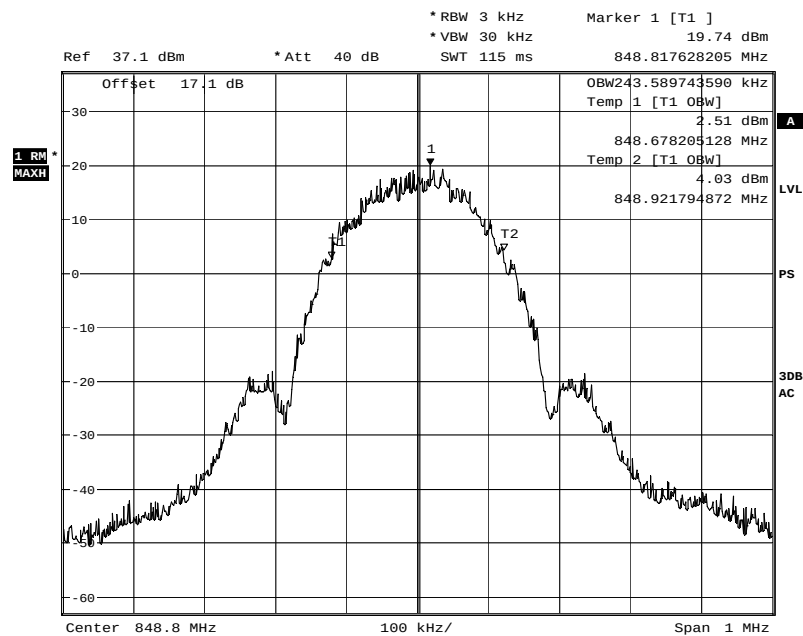
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CHANNEL 128



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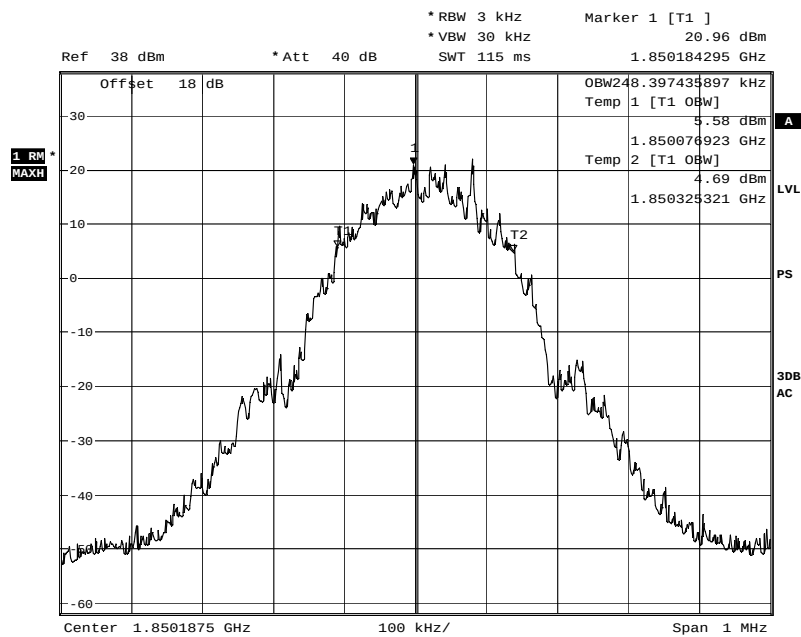
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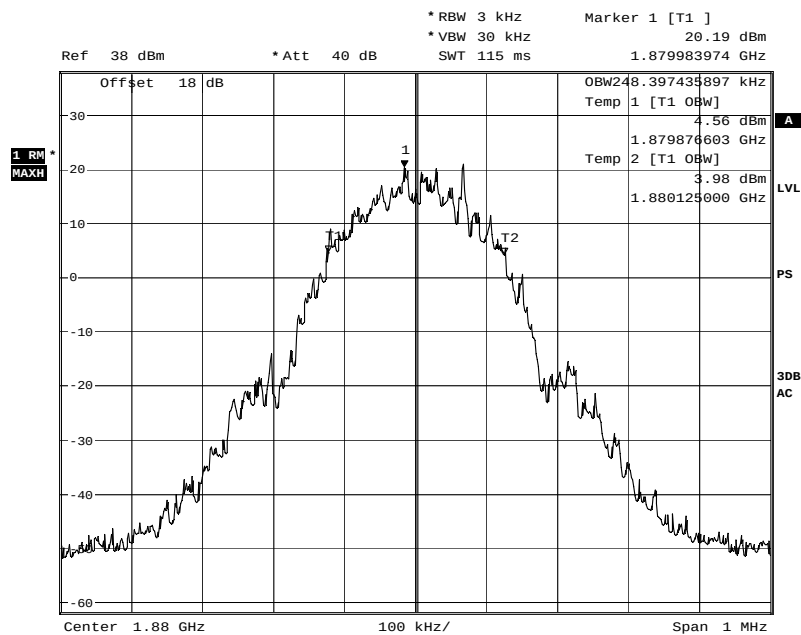
CHANNEL 251

GSM 1900 (GMSK-Modulation)



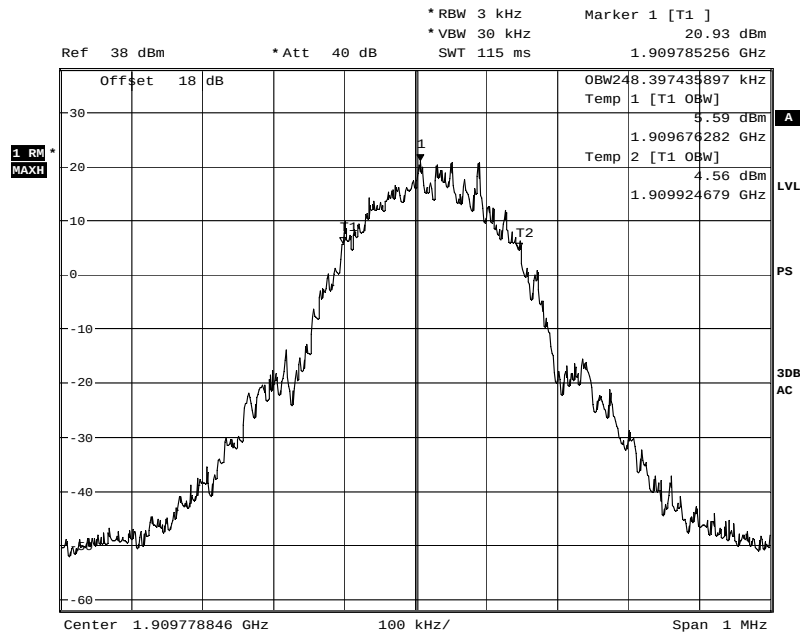
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CHANNEL 512



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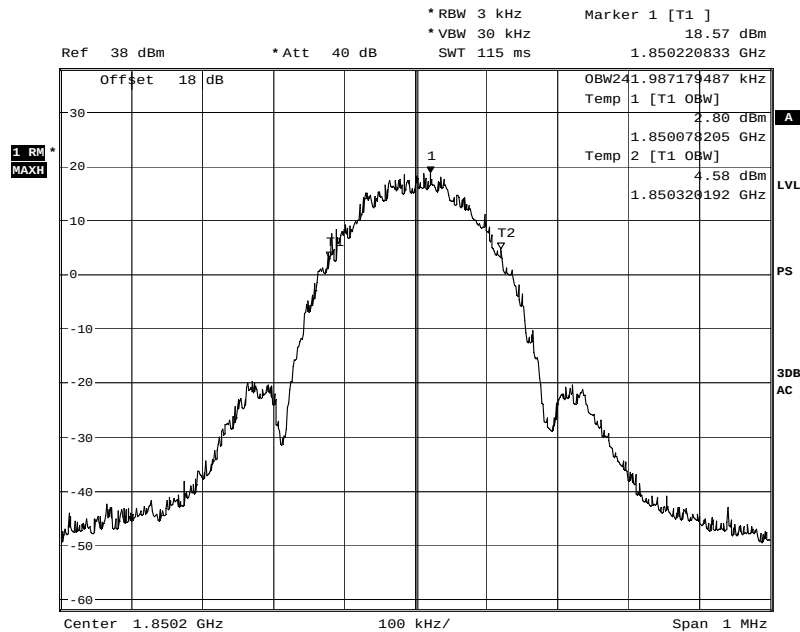
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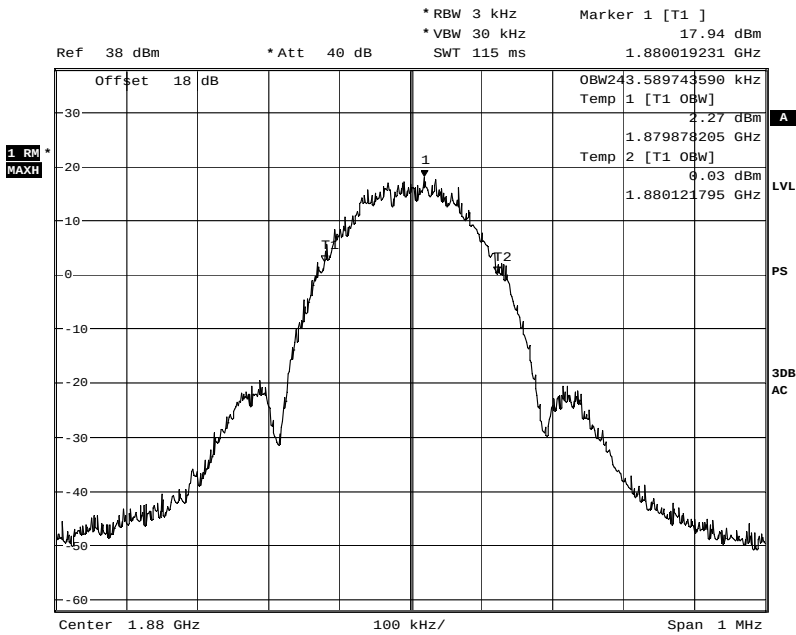
CHANNEL 810

E-GPRS 1900 (8-PSK Modulation)



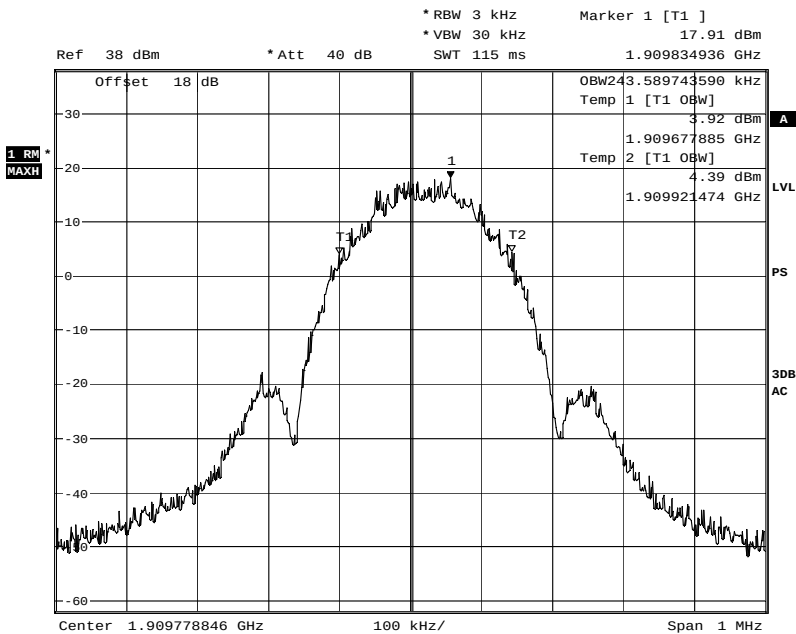
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CHANNEL 512



Date: 10.JAN.2009 10:25:58

CHANNEL 661

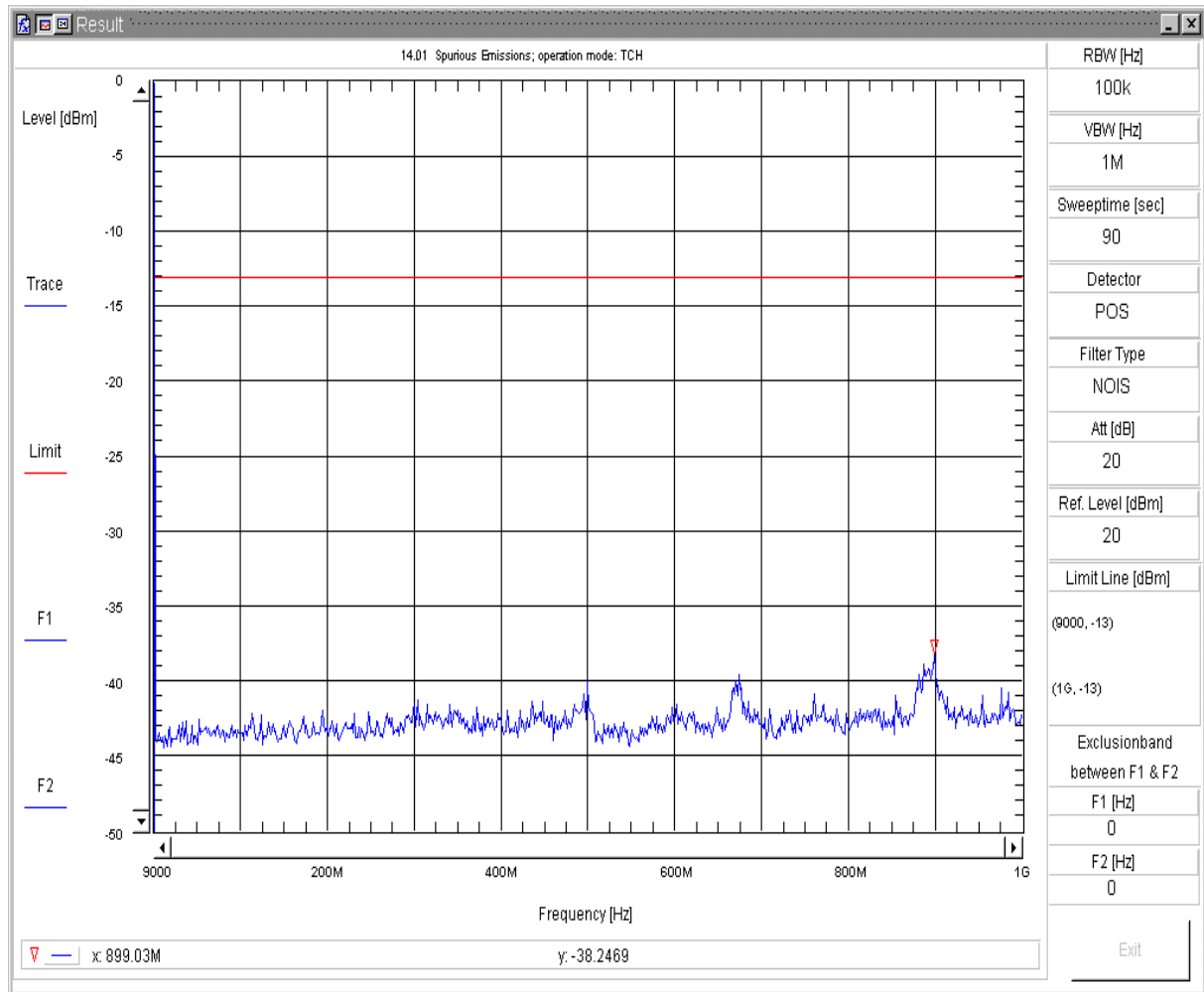


Date: 10.JAN.2009 10:29:22

CHANNEL 810

1.3. Spurious emissions conducted

Diagrams - GSM 1900 mode (GMSK-Modulation)

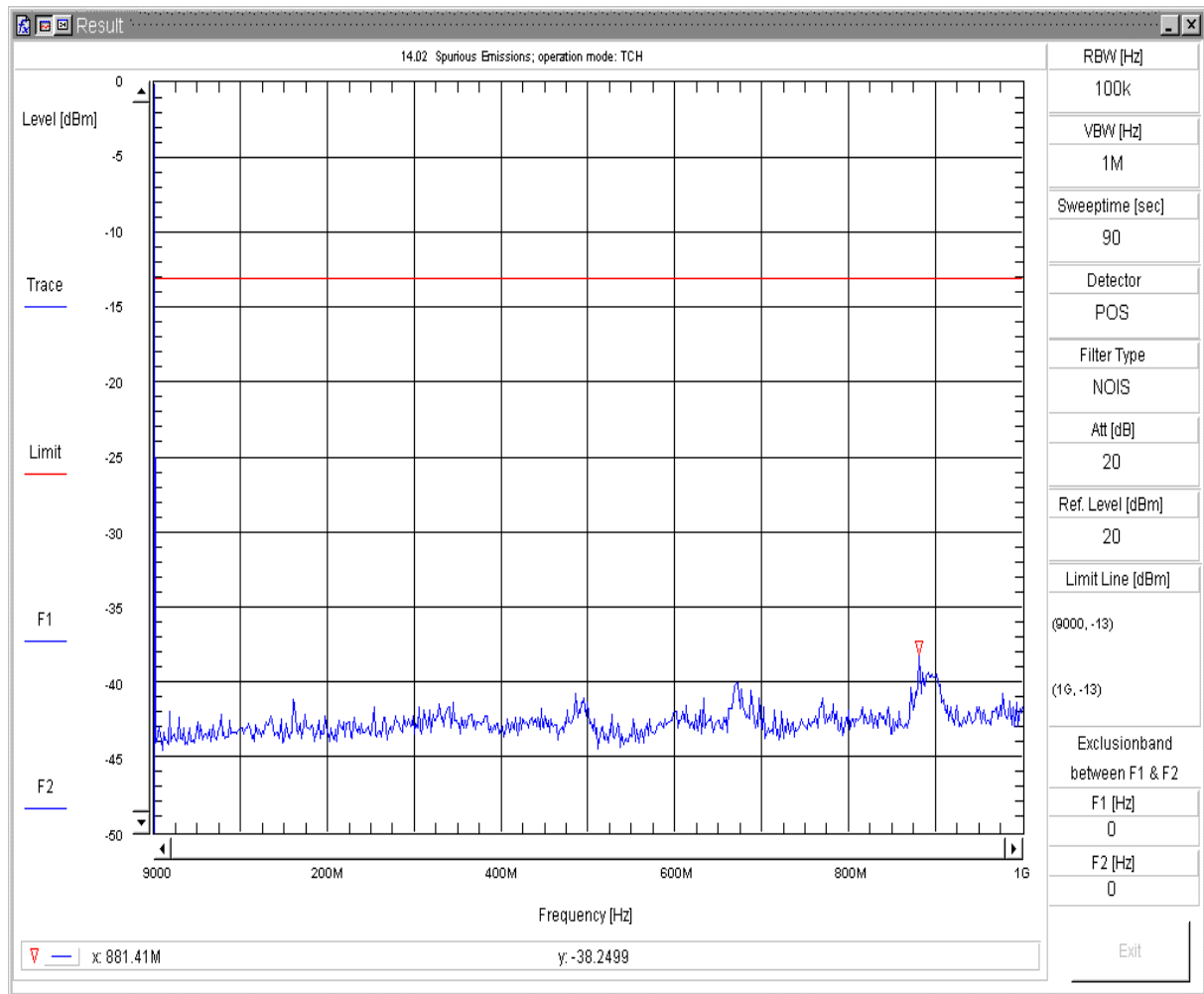


14.01 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 25.1 dBm / 25.1 dBm
 UE Status: Connection established (observed by operator)
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 10:25:080

Conducted Spurious Emissions V7.1.5

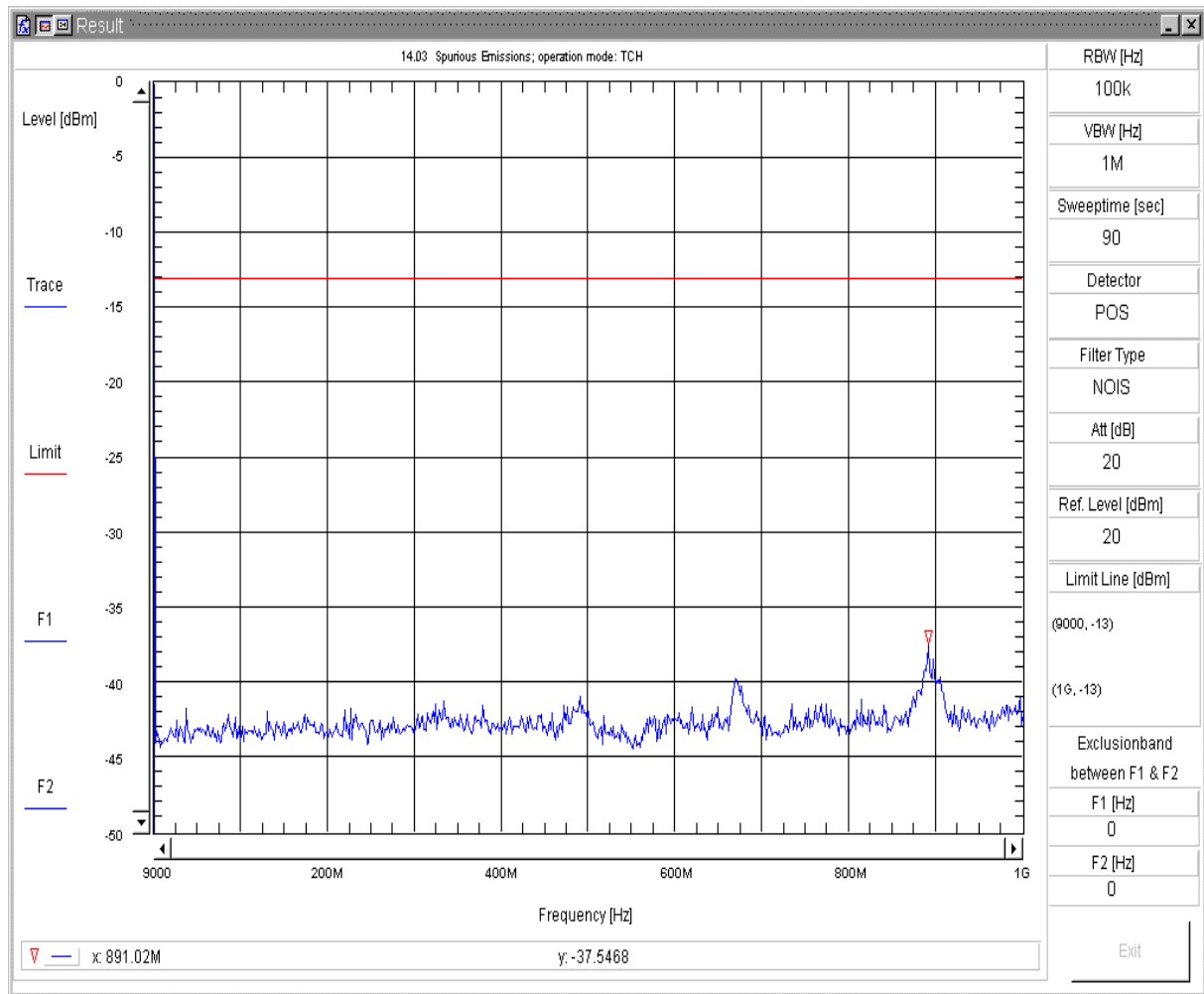


14.02 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 23.5 dBm / 23.5 dBm
 UE Status: Connection established (observed by operator)
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 10:28:460

Conducted Spurious Emissions V7.1.5



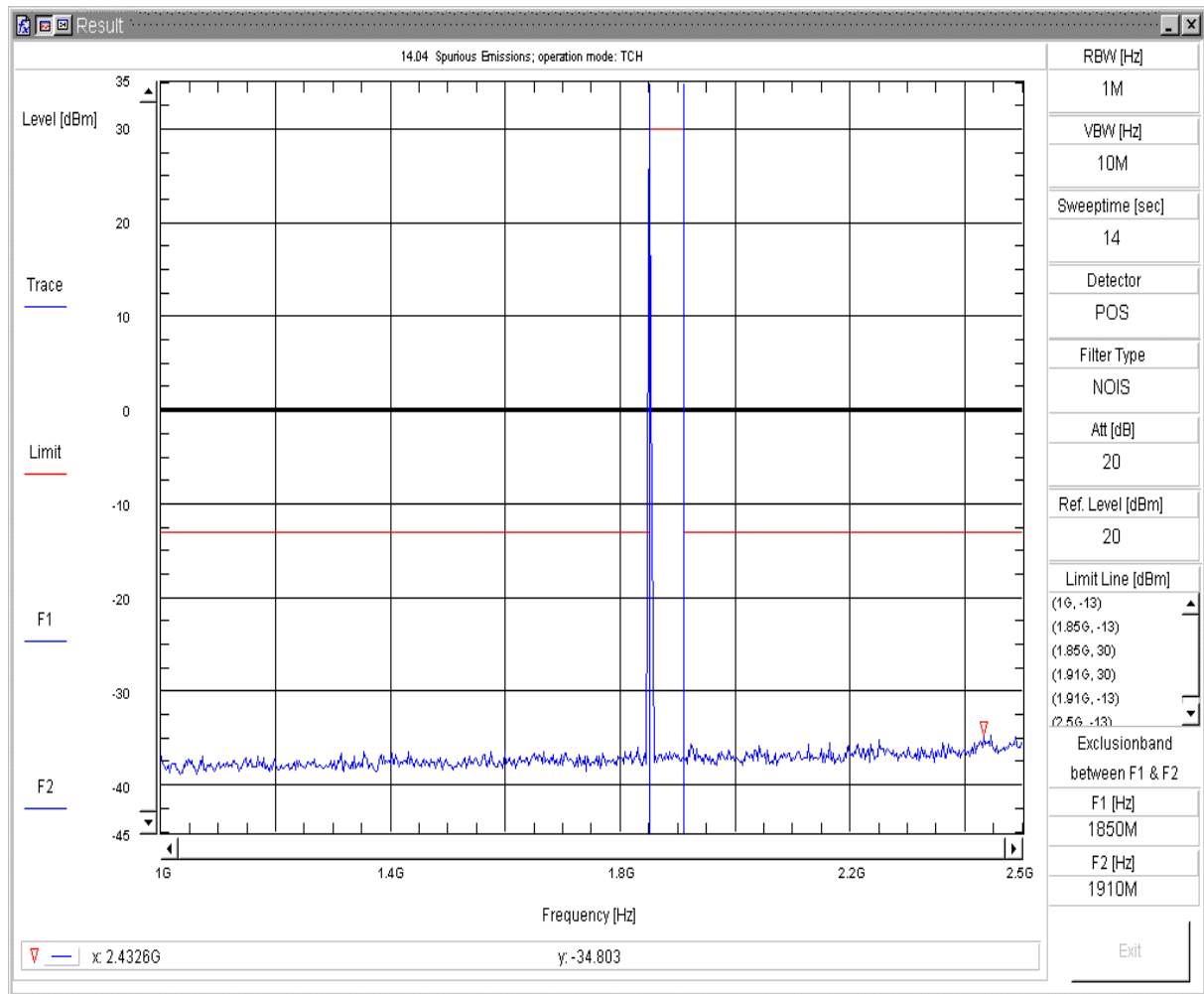
14.03 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 29.5 dBm / 29.5 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 10:31:230

Conducted Spurious Emissions V7.1.5



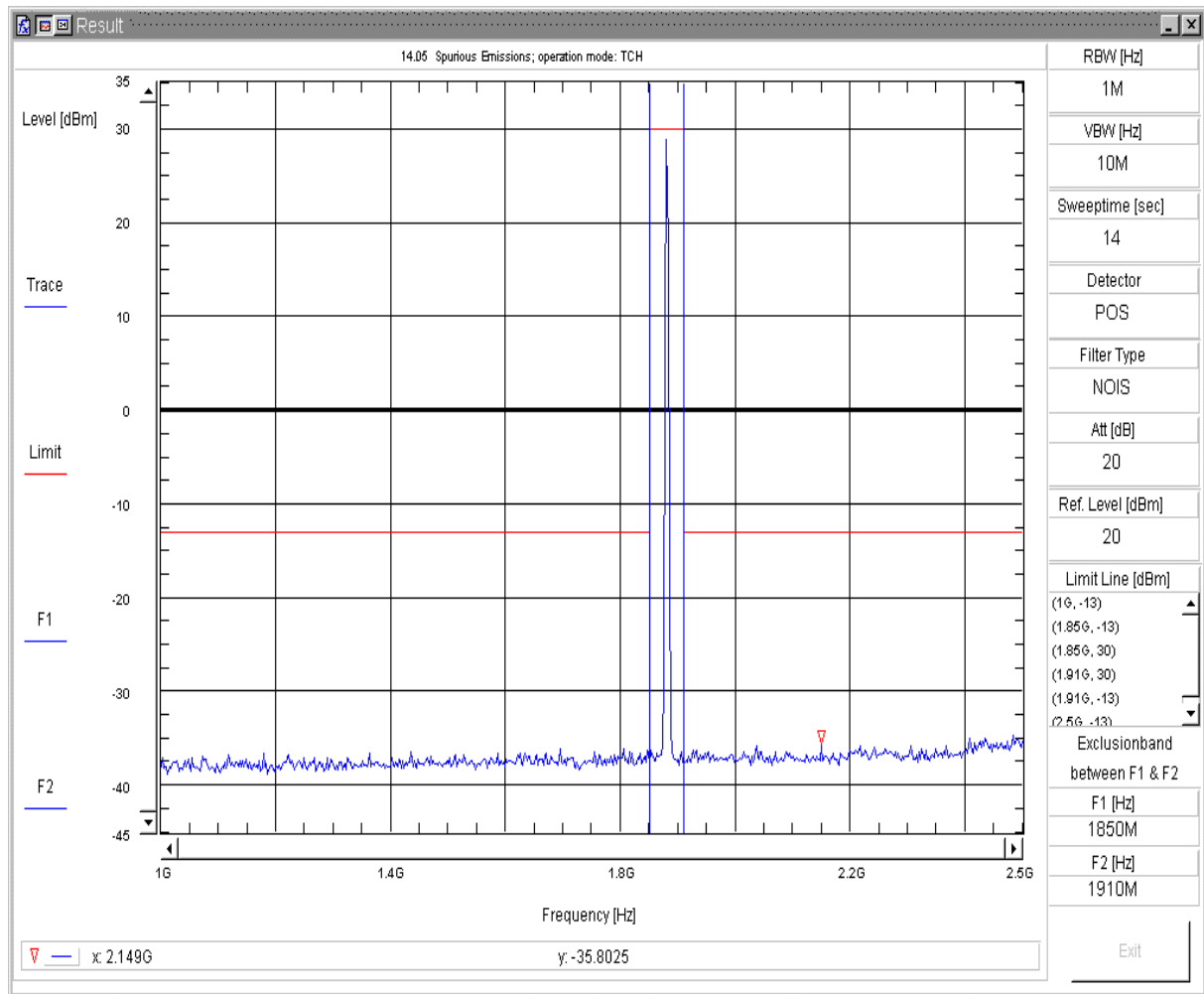
14.04 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 29.7 dBm / 29.7 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 10:37:070

Conducted Spurious Emissions V7.1.5



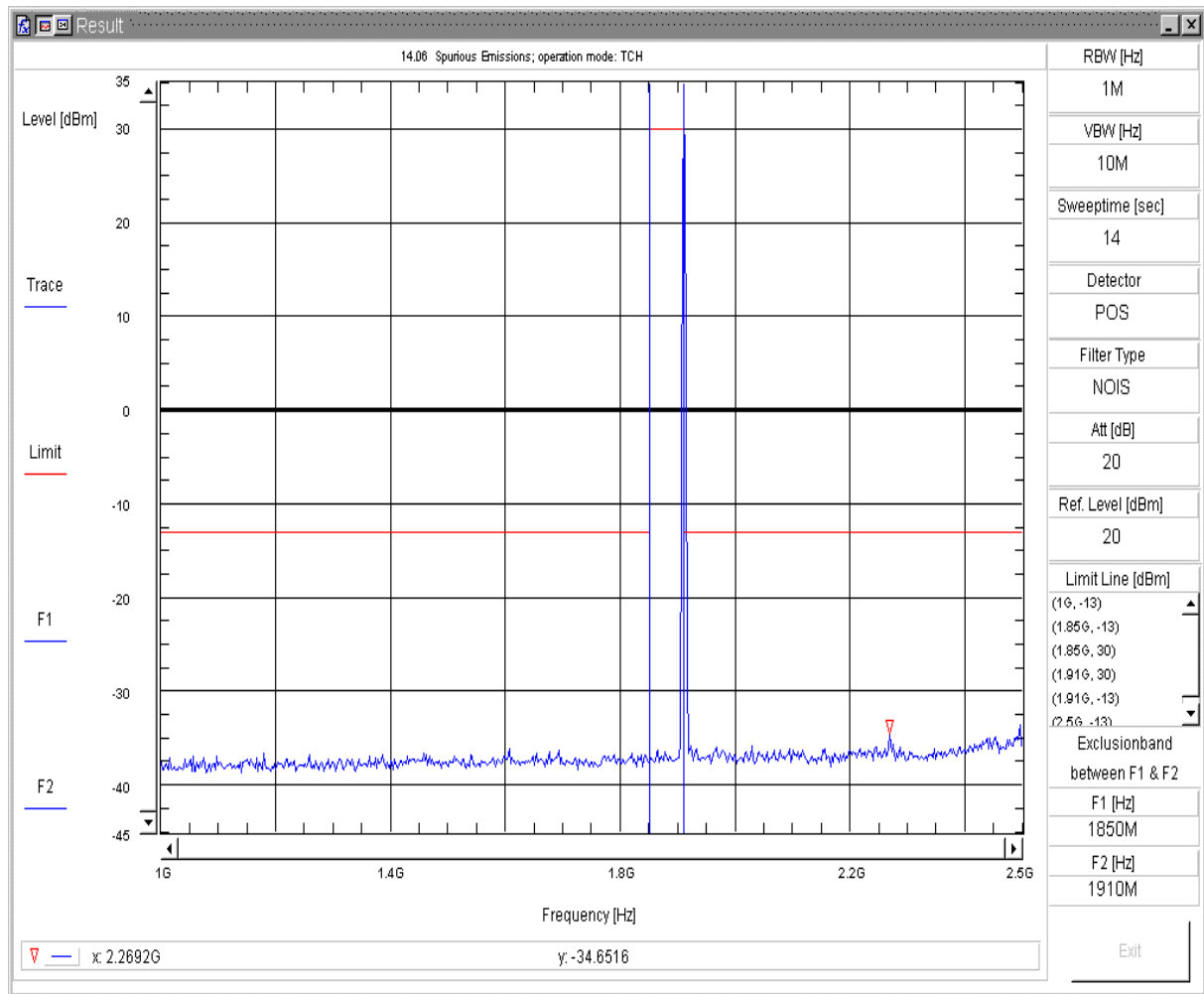
14.05 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 32.2 dBm / 32.2 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 10:35:130

Conducted Spurious Emissions V7.1.5



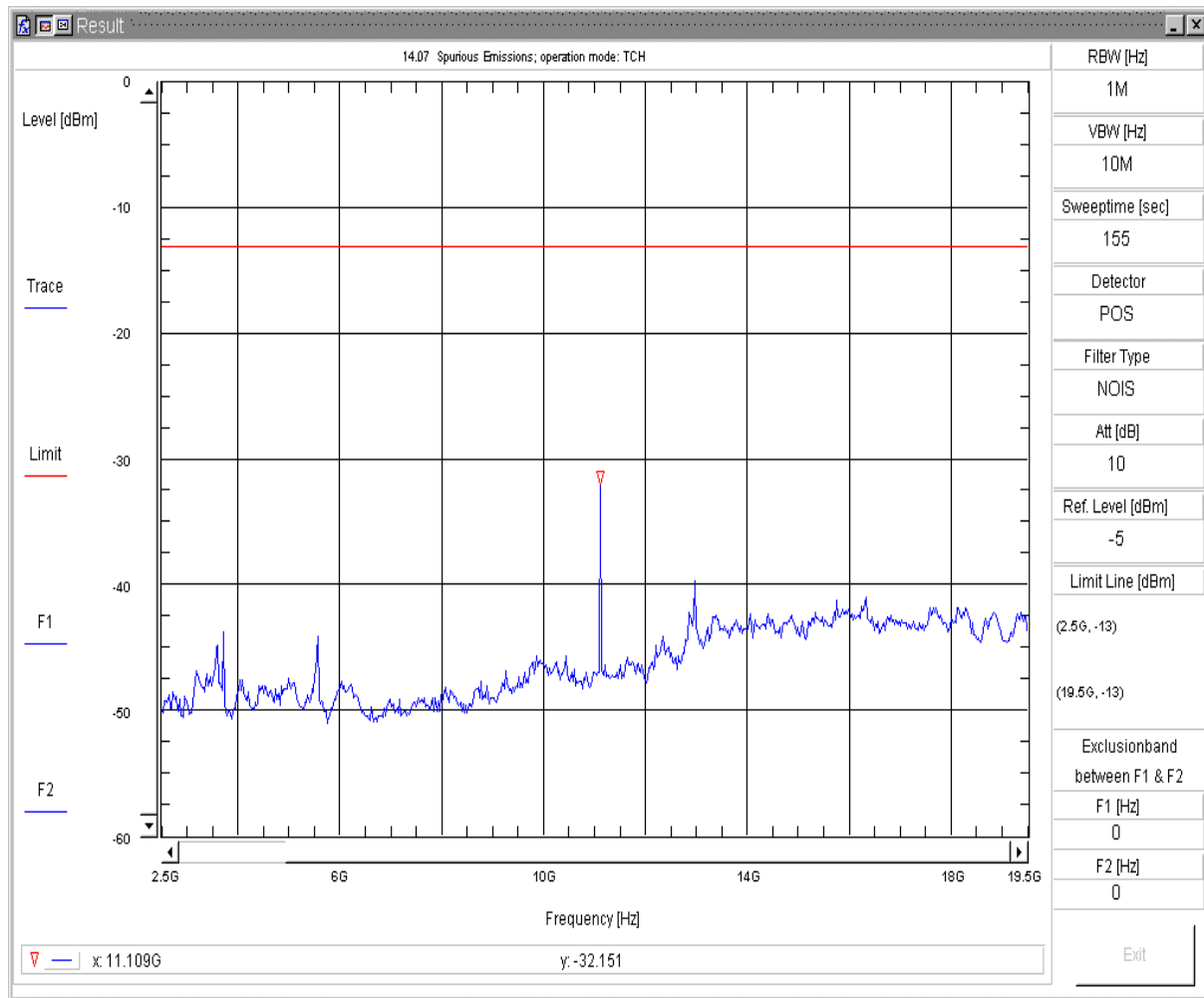
14.06 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 32.2 dBm / 32.2 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 10:33:450

Conducted Spurious Emissions V7.1.5



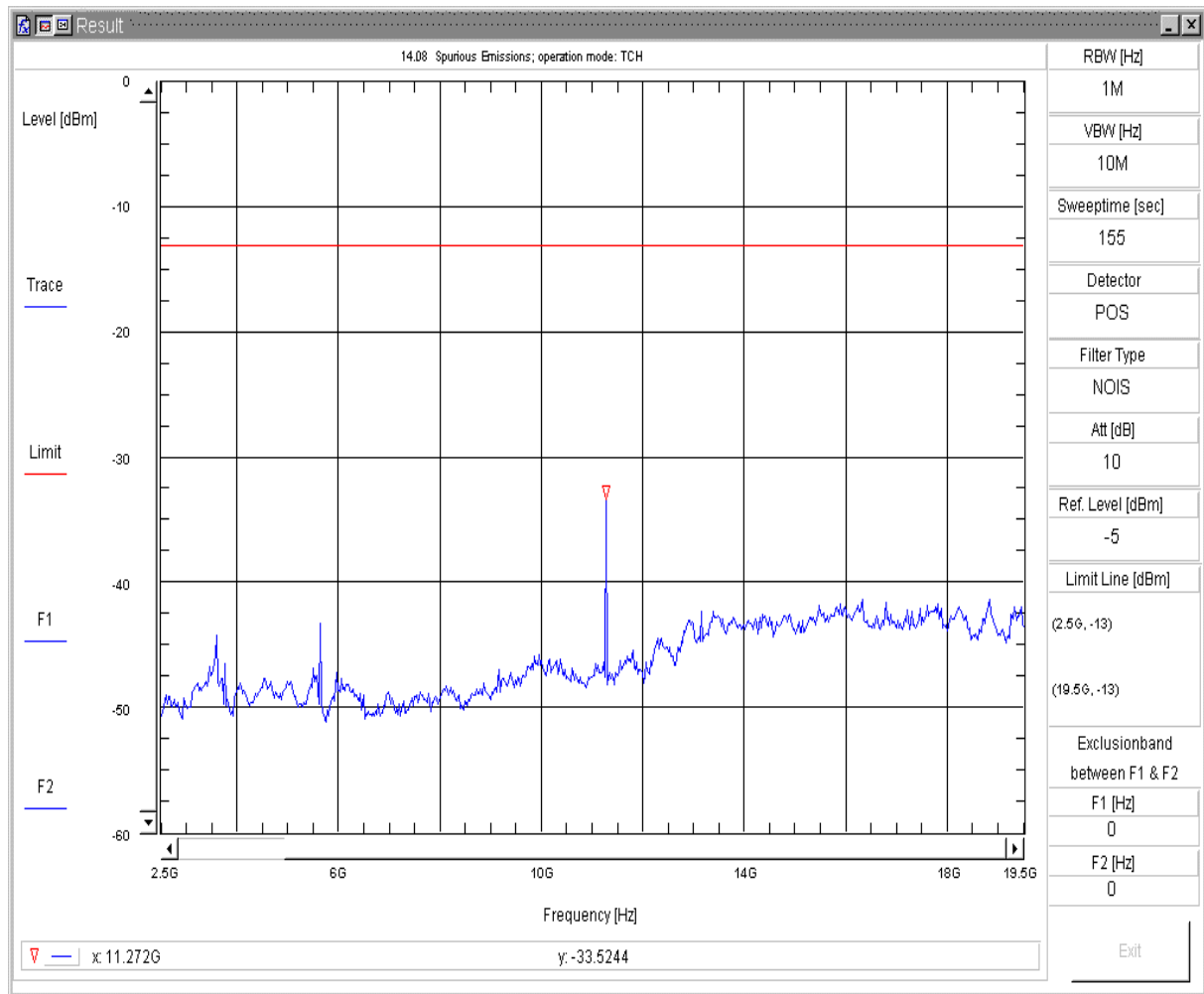
14.07 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 23.6 dBm / 23.6 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 10:38:250

Conducted Spurious Emissions V7.1.5



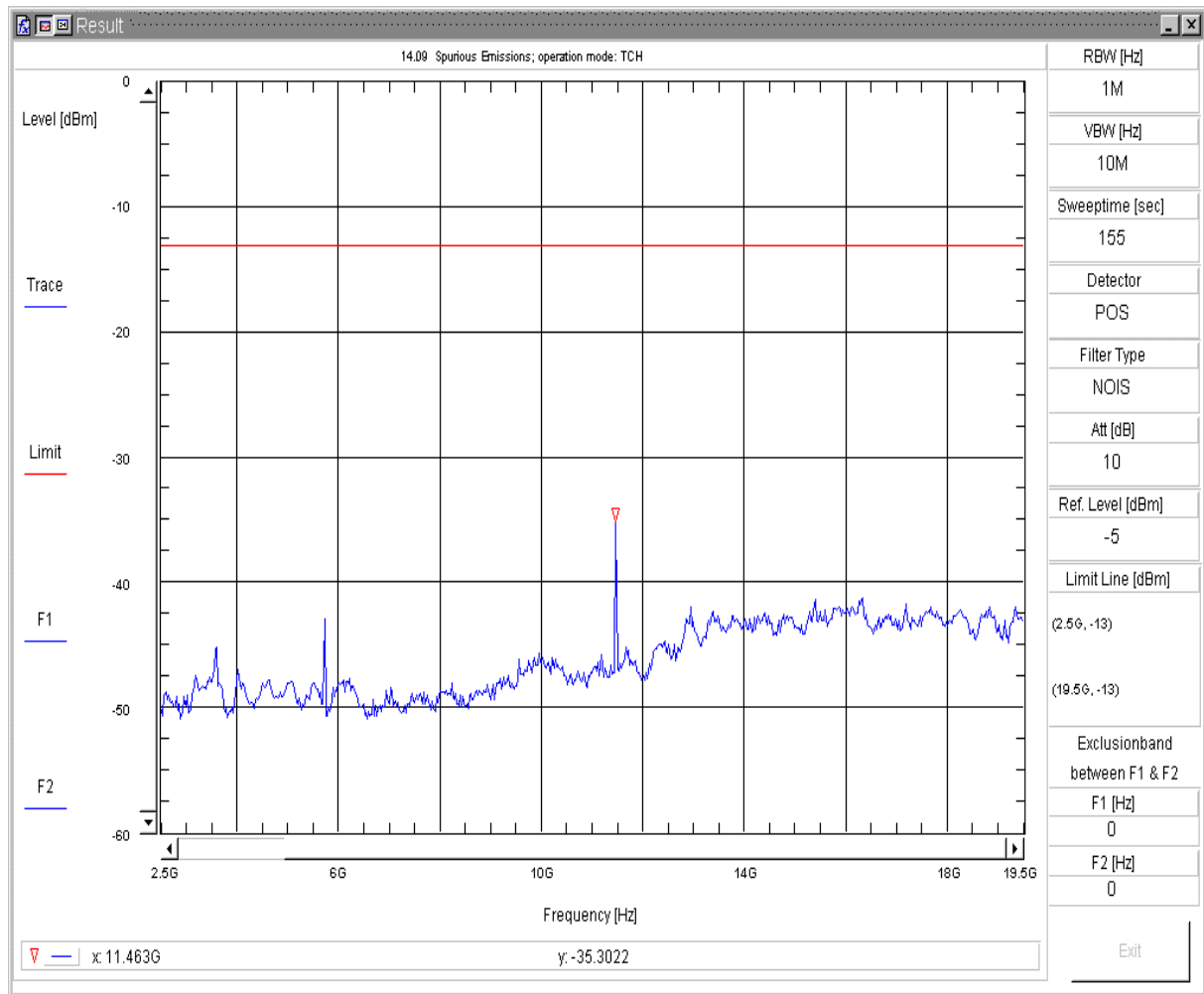
14.08 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 23.6 dBm / 23.6 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 10:42:260

Conducted Spurious Emissions V7.1.5



14.09 Conducted Spurious Emission

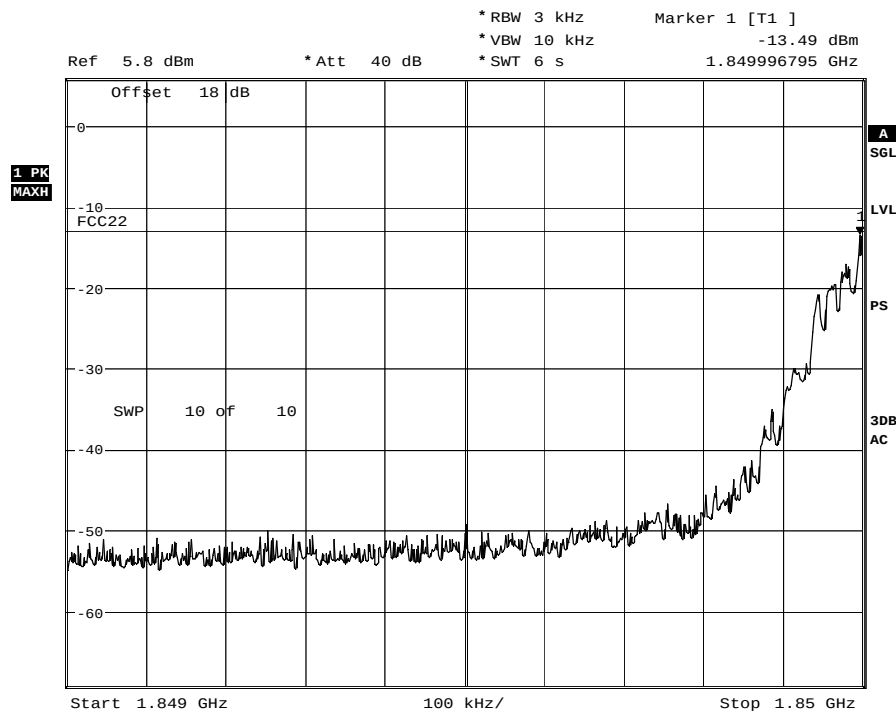
Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 29.5 dBm / 29.5 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 10:46:170

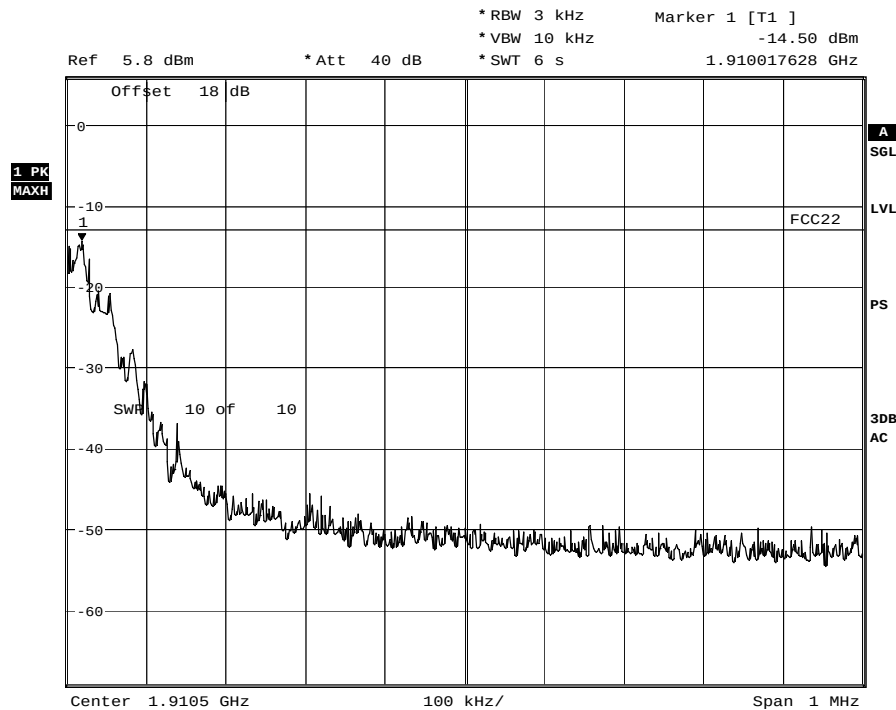
Conducted Spurious Emissions V7.1.5

Band-Edge compliance: GSM1900 – Mode (GMSK –Modulation)



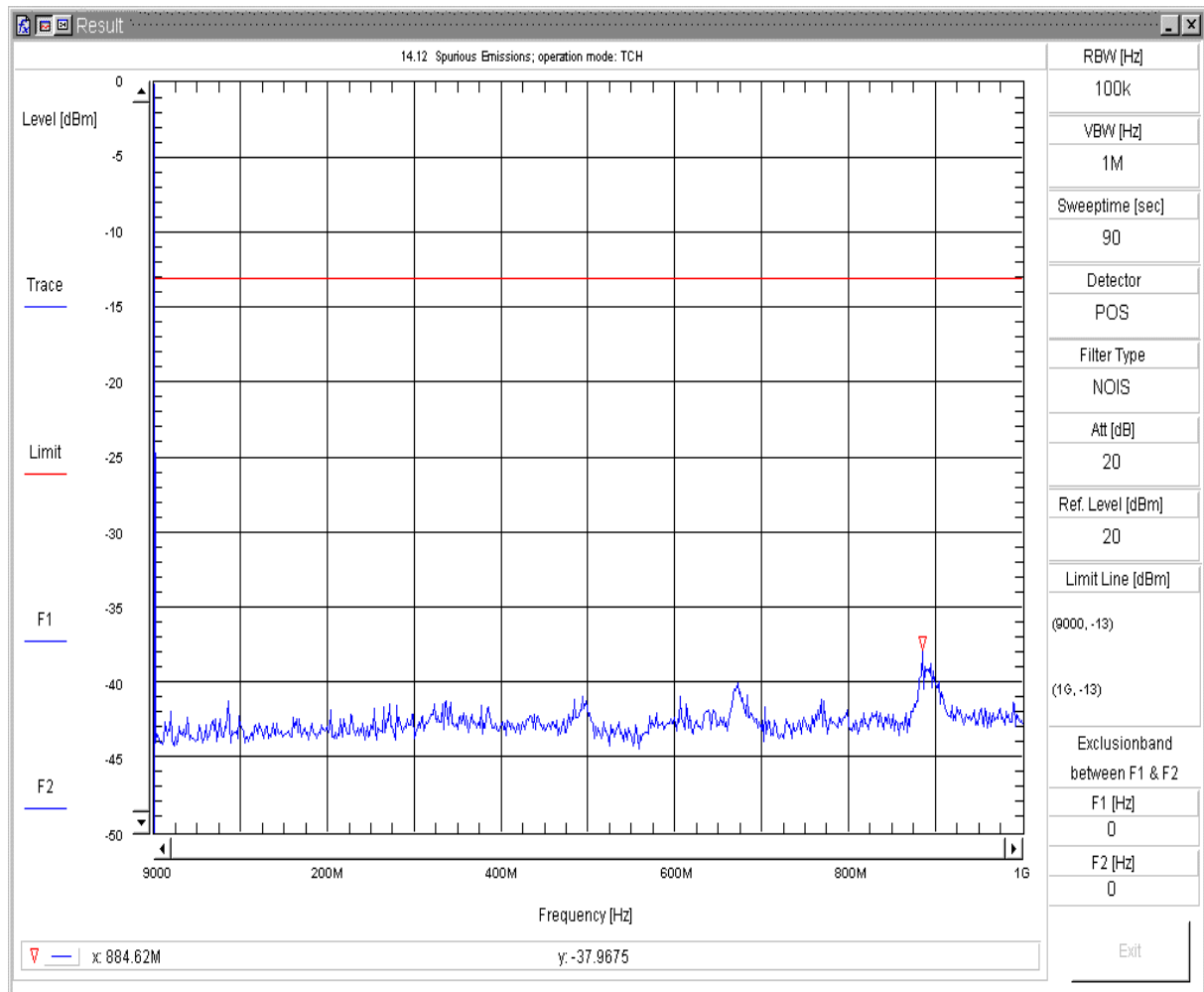
Date: 10.JAN.2009 11:13:04

Diagram 14.10: Band-Edge Channel 512 (GMSK-.Modulation)



Date: 10.JAN.2009 11:09:57

Diagram 14.11: Band-Edge Channel 810 (GMSK-.Modulation)

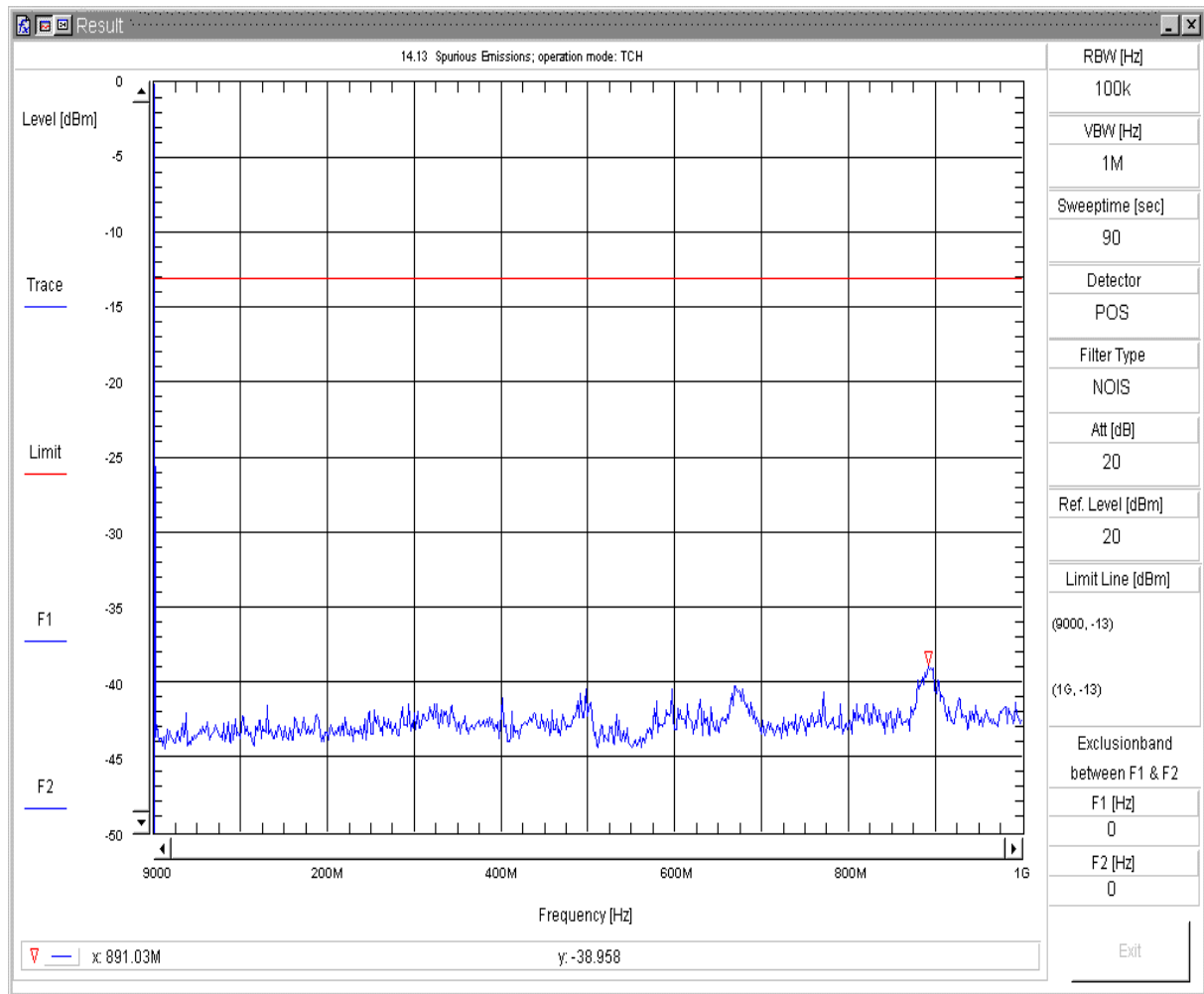
E-GSM 1900 mode (8-PSK-Modulation)**14.12 Conducted Spurious Emission**

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 30.0 dBm / 30.0 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 11:53:510

Conducted Spurious Emissions V7.1.5



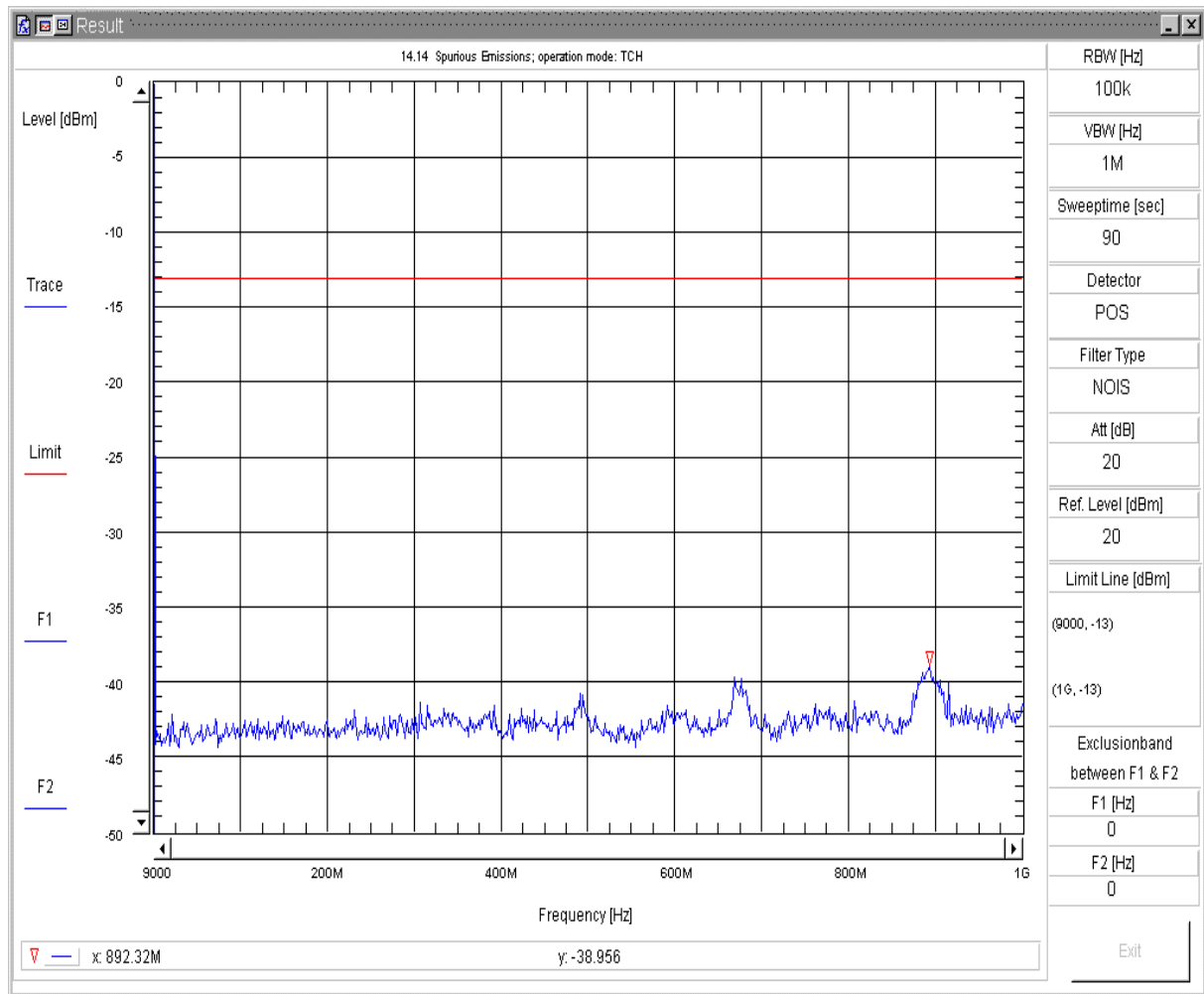
14.13 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 30.0 dBm / 30.0 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 11:50:480

Conducted Spurious Emissions V7.1.5



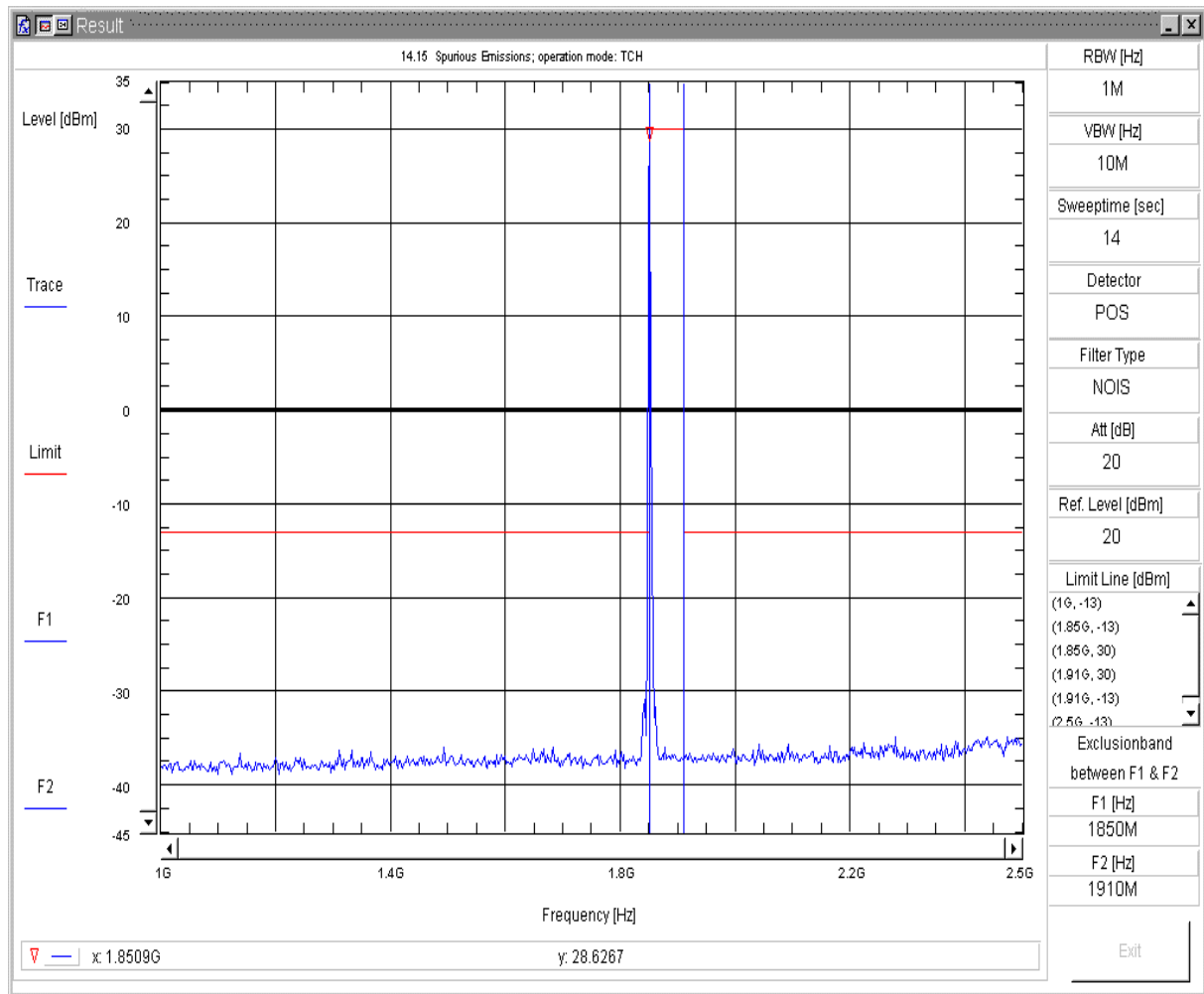
14.14 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 28.7 dBm / 28.7 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 11:35:360

Conducted Spurious Emissions V7.1.5



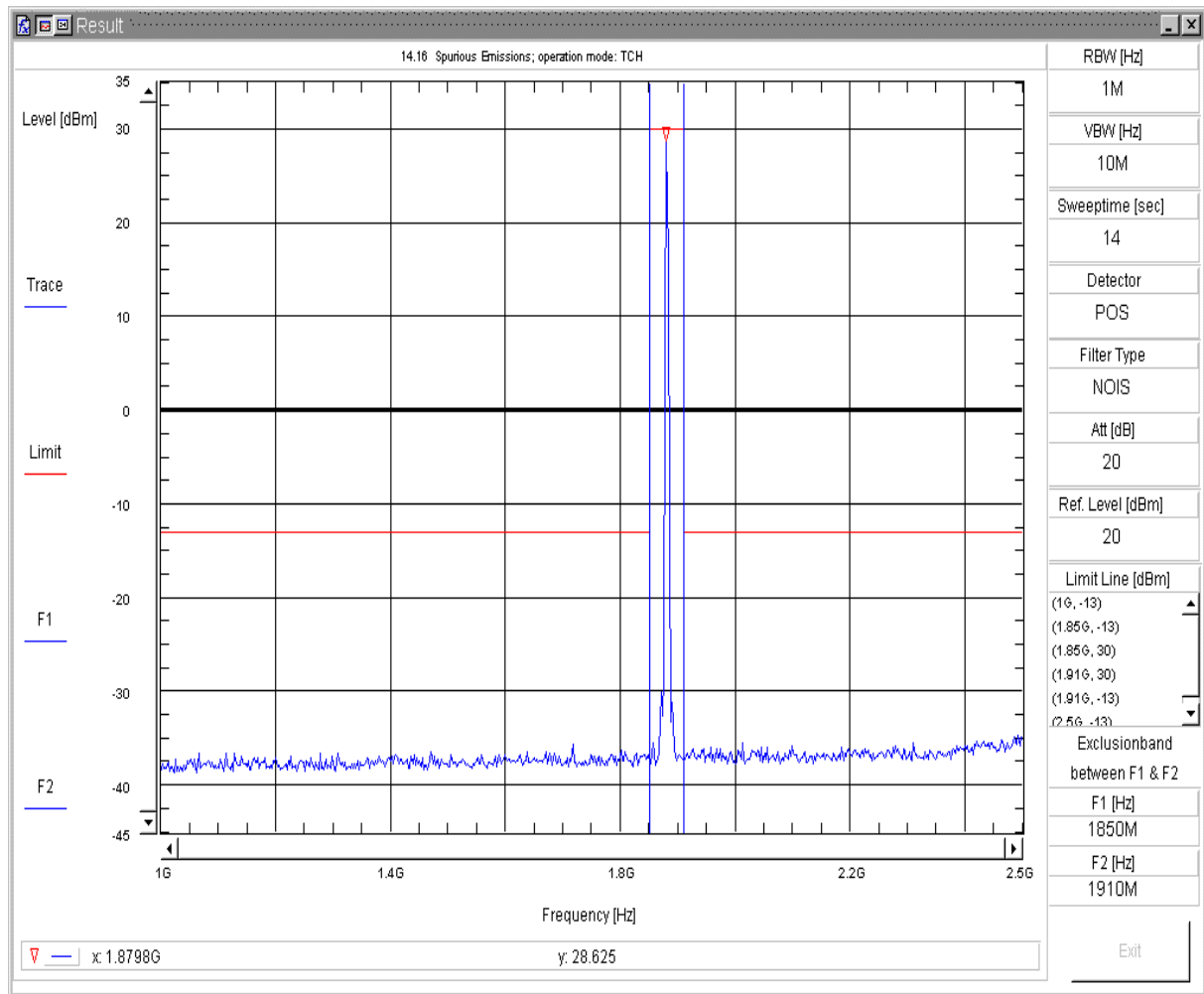
14.15 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 23.8 dBm / 23.8 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 11:31:310

Conducted Spurious Emissions V7.1.5



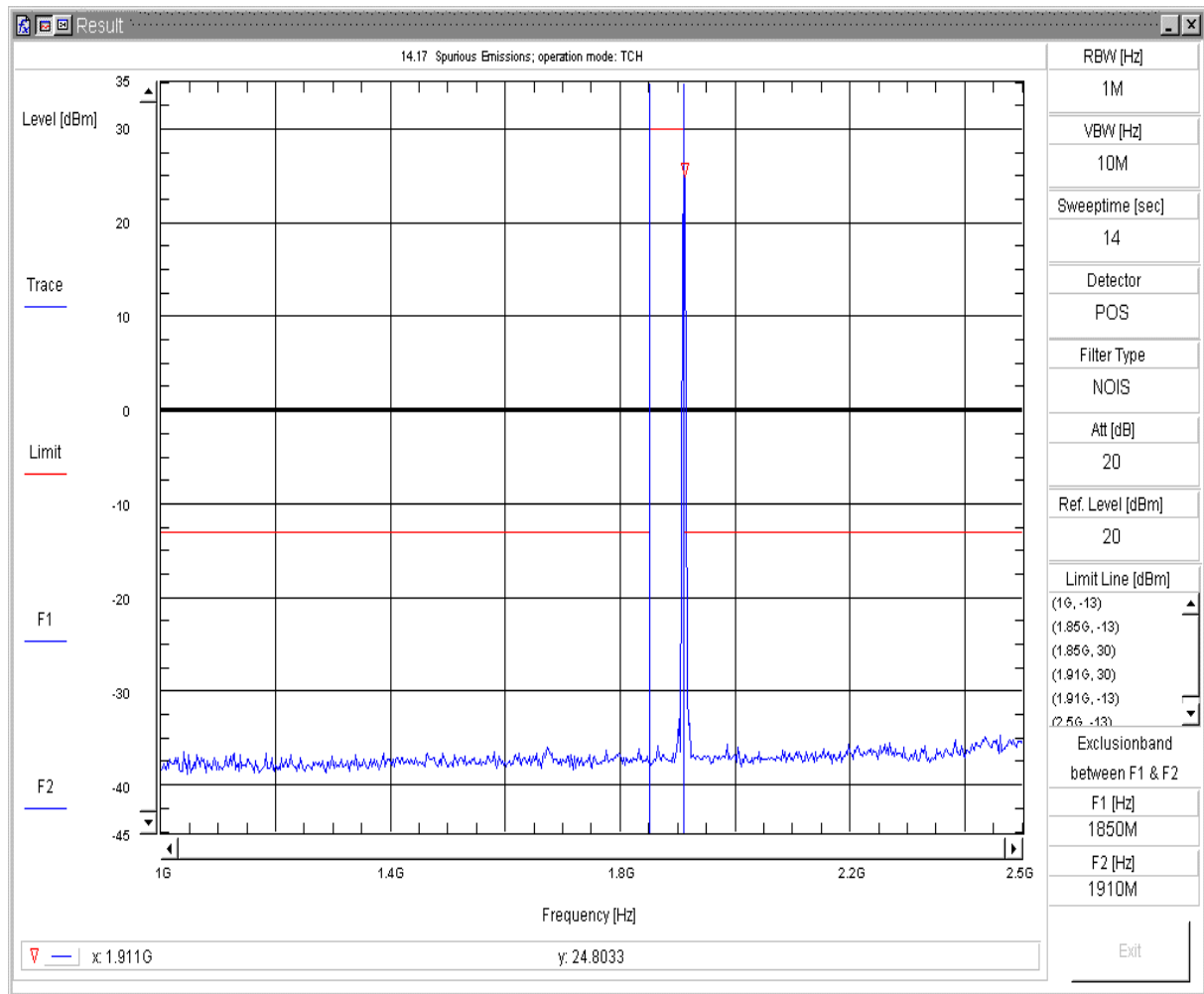
14.16 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 23.8 dBm / 23.8 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 11:32:520

Conducted Spurious Emissions V7.1.5

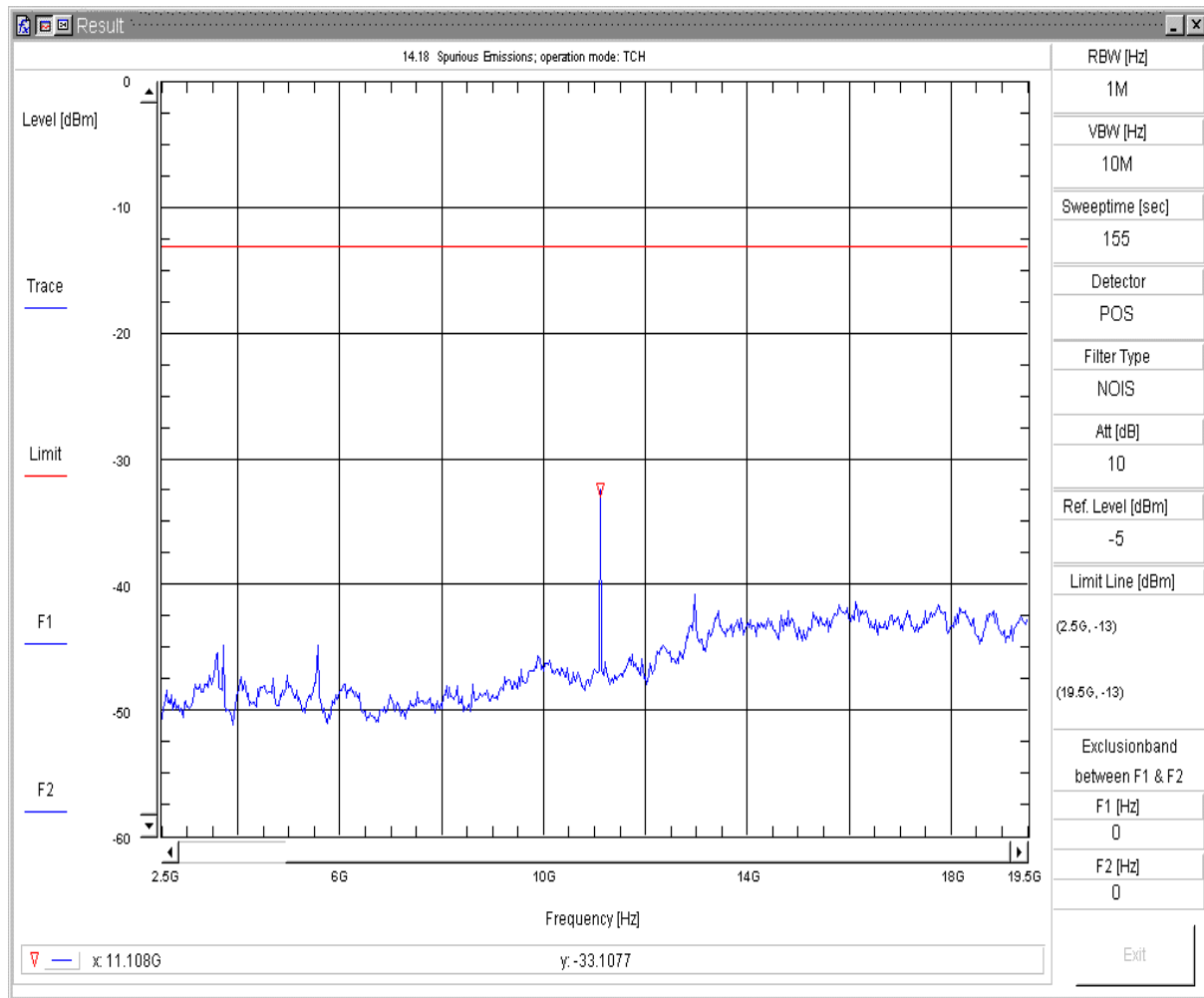


14.17 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 29.9 dBm / 29.9 dBm
 UE Status: Connection established (observed by operator)
 UE Uplink Freq: 661 MHz
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 11:34:110

Conducted Spurious Emissions V7.1.5



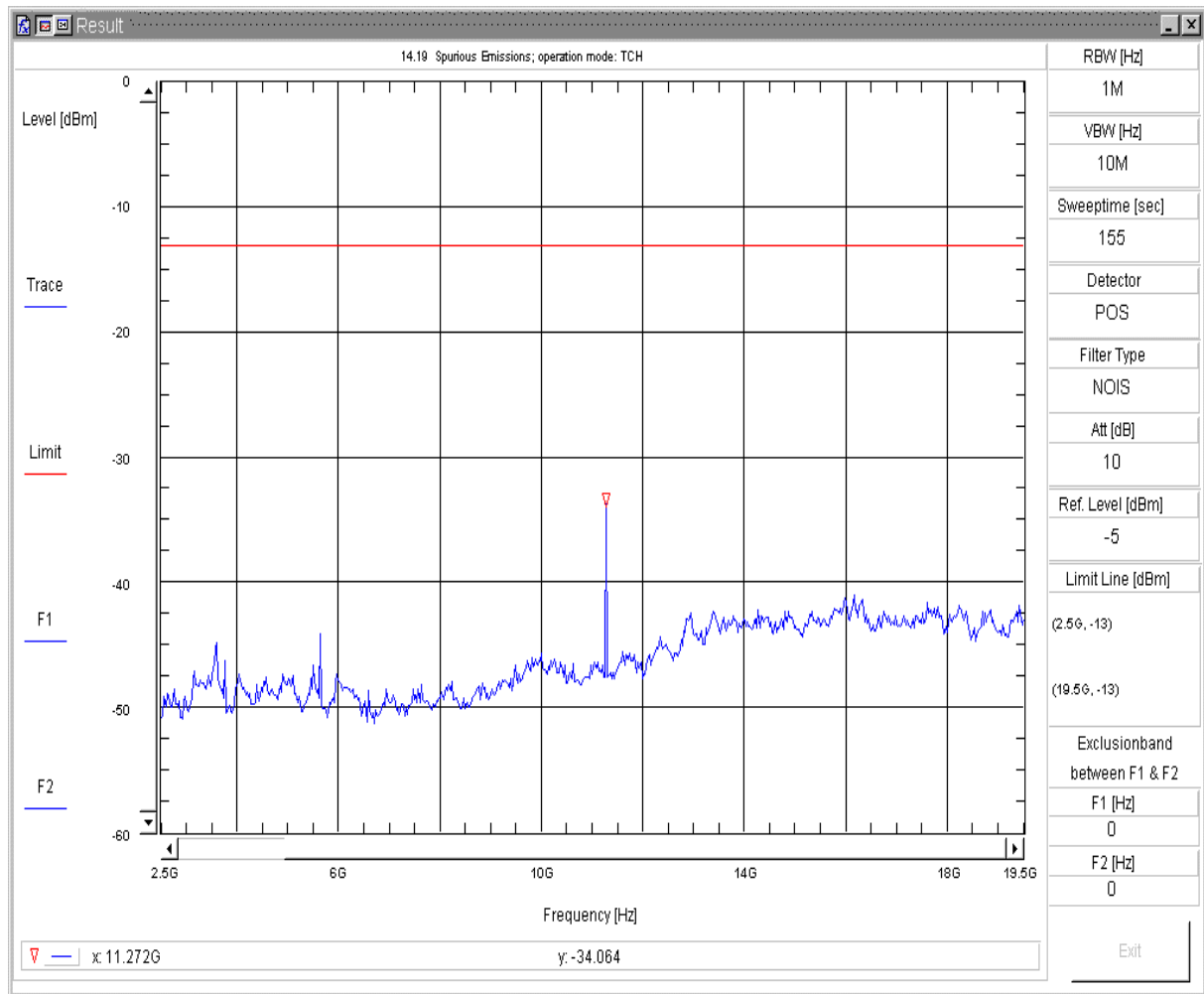
14.18 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 32.6 dBm / 32.6 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 11:24:440

Conducted Spurious Emissions V7.1.5



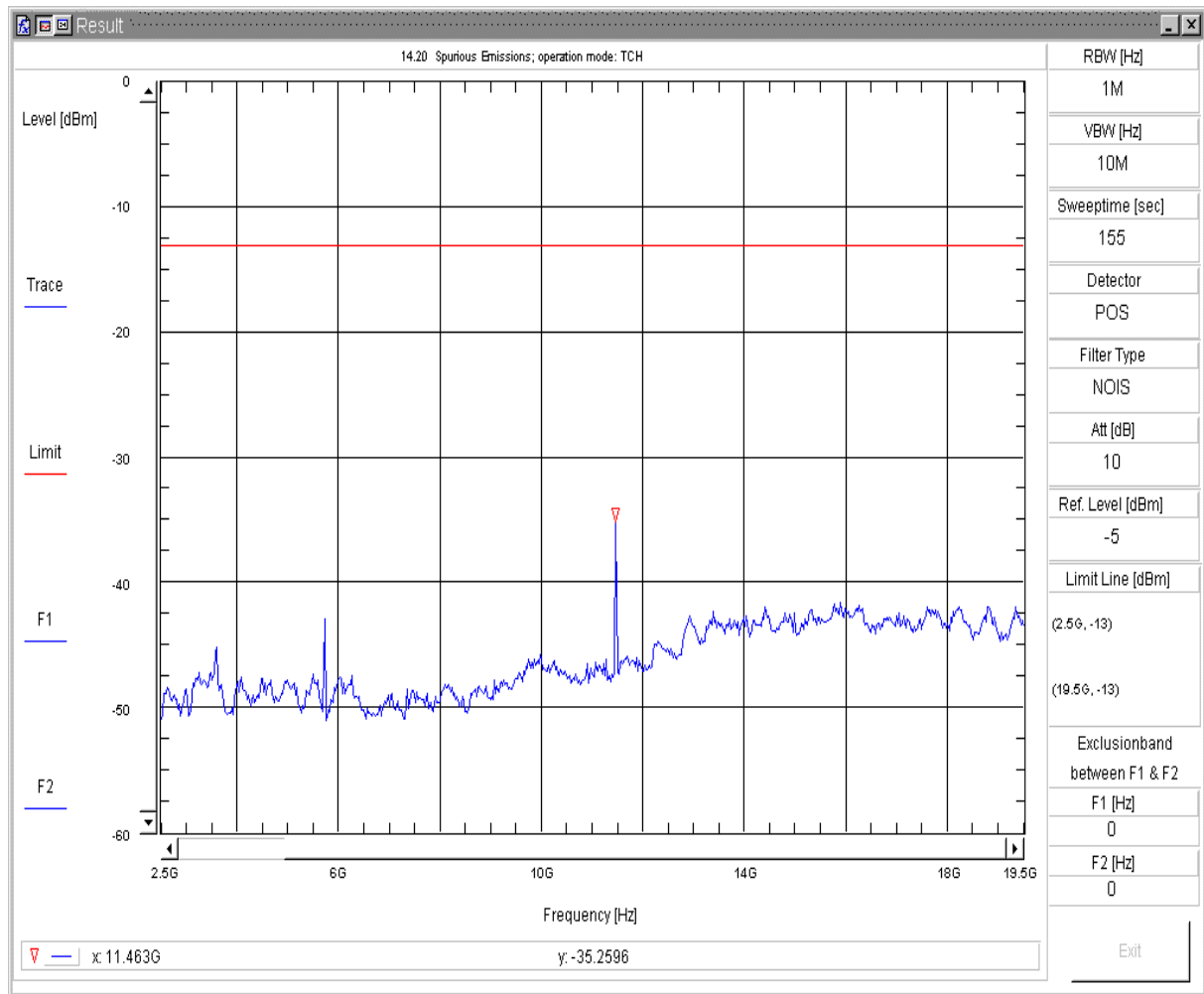
14.19 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 32.6 dBm / 32.6 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 11:05:150

Conducted Spurious Emissions V7.1.5



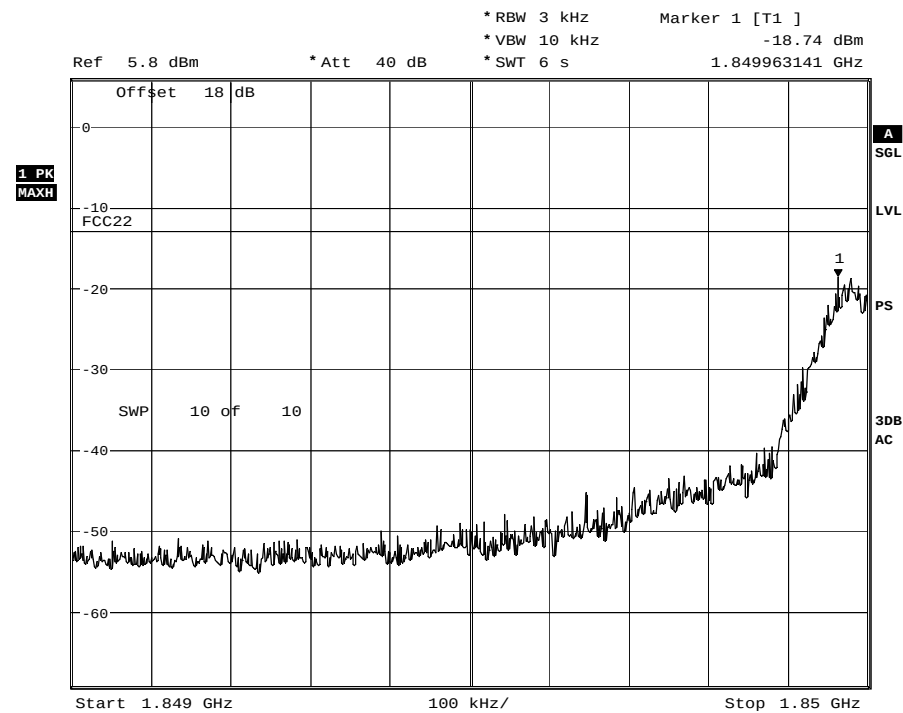
14.20 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_24_1900\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_24_1900 TCH
 UE Power: 32.2 dBm / 32.2 dBm
 UE Status: Connection established (observed by operator)

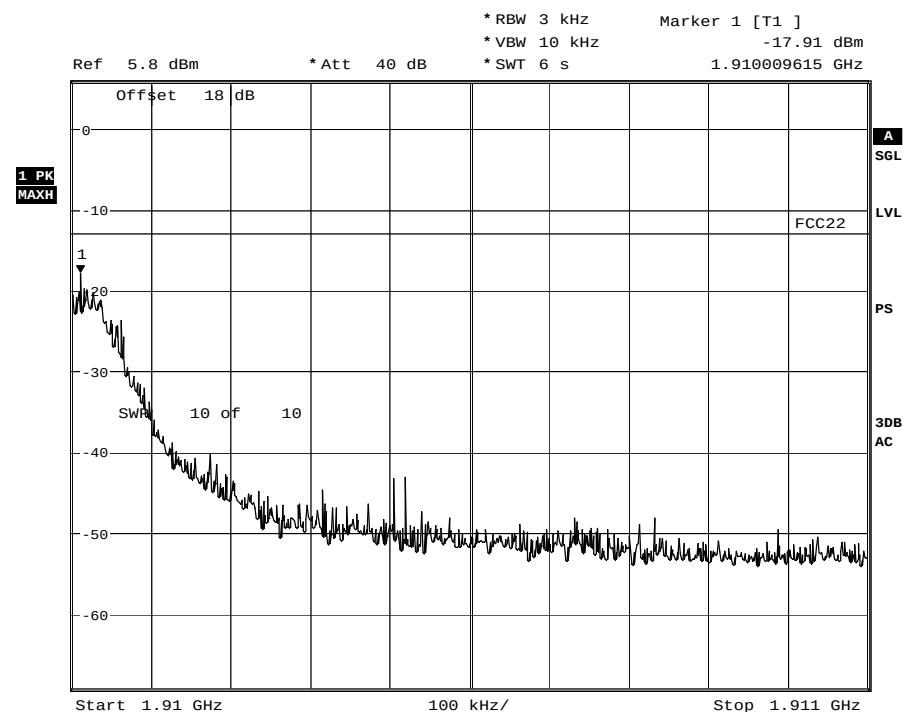
EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 11:01:320

Conducted Spurious Emissions V7.1.5

Band-Edge compliance: E-GSM1900 (8-PSK Modulation)

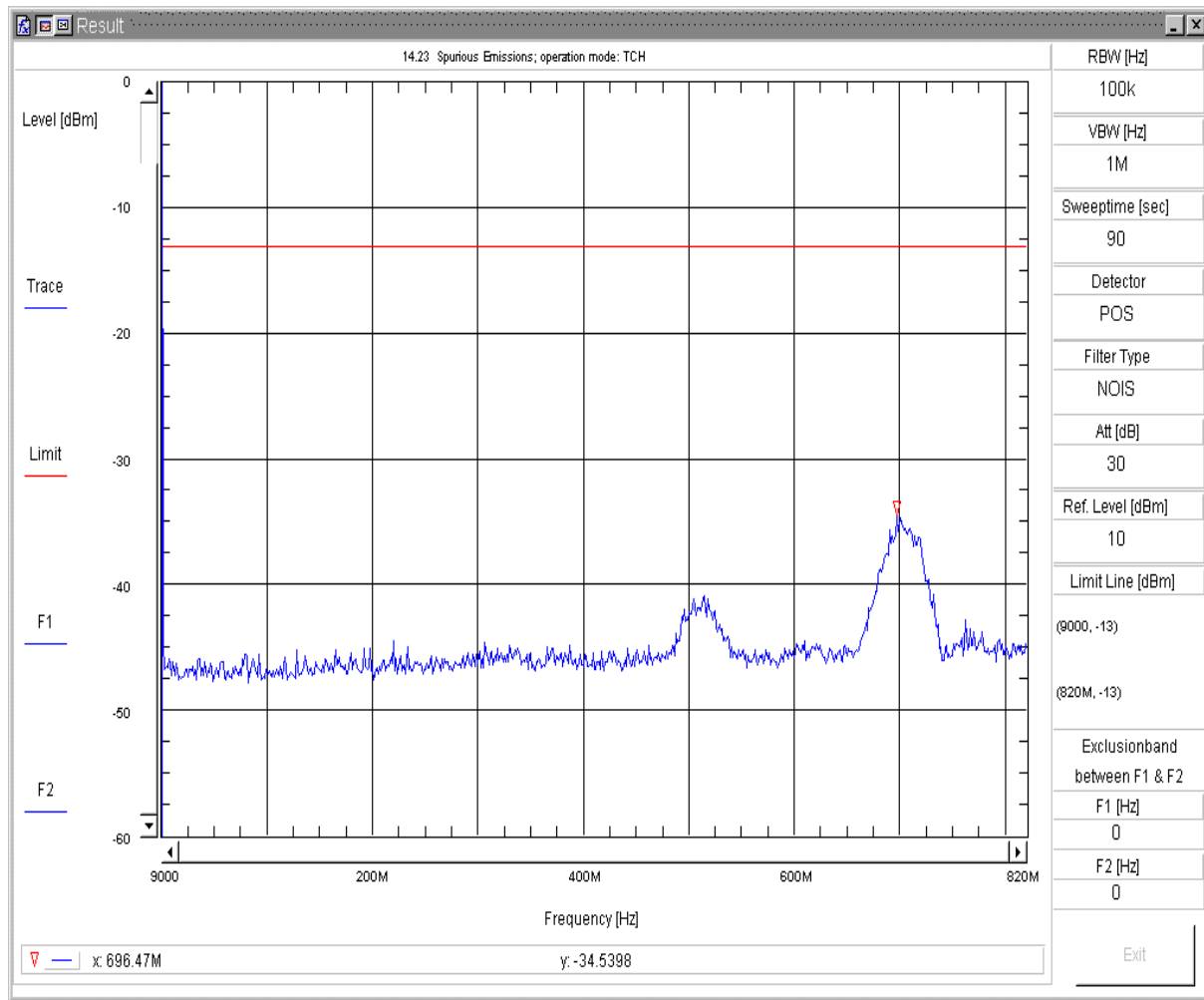
Date: 10.JAN.2009 11:15:54

Diagram 14.21: Band-Edge, Channel 512 (8-PSK)

Date: 10.JAN.2009 11:18:26

Diagram 14.22: Band-Edge, Channel 810 (8-PSK)

Diagrams - GSM 850 mode (GMSK-Modulation)



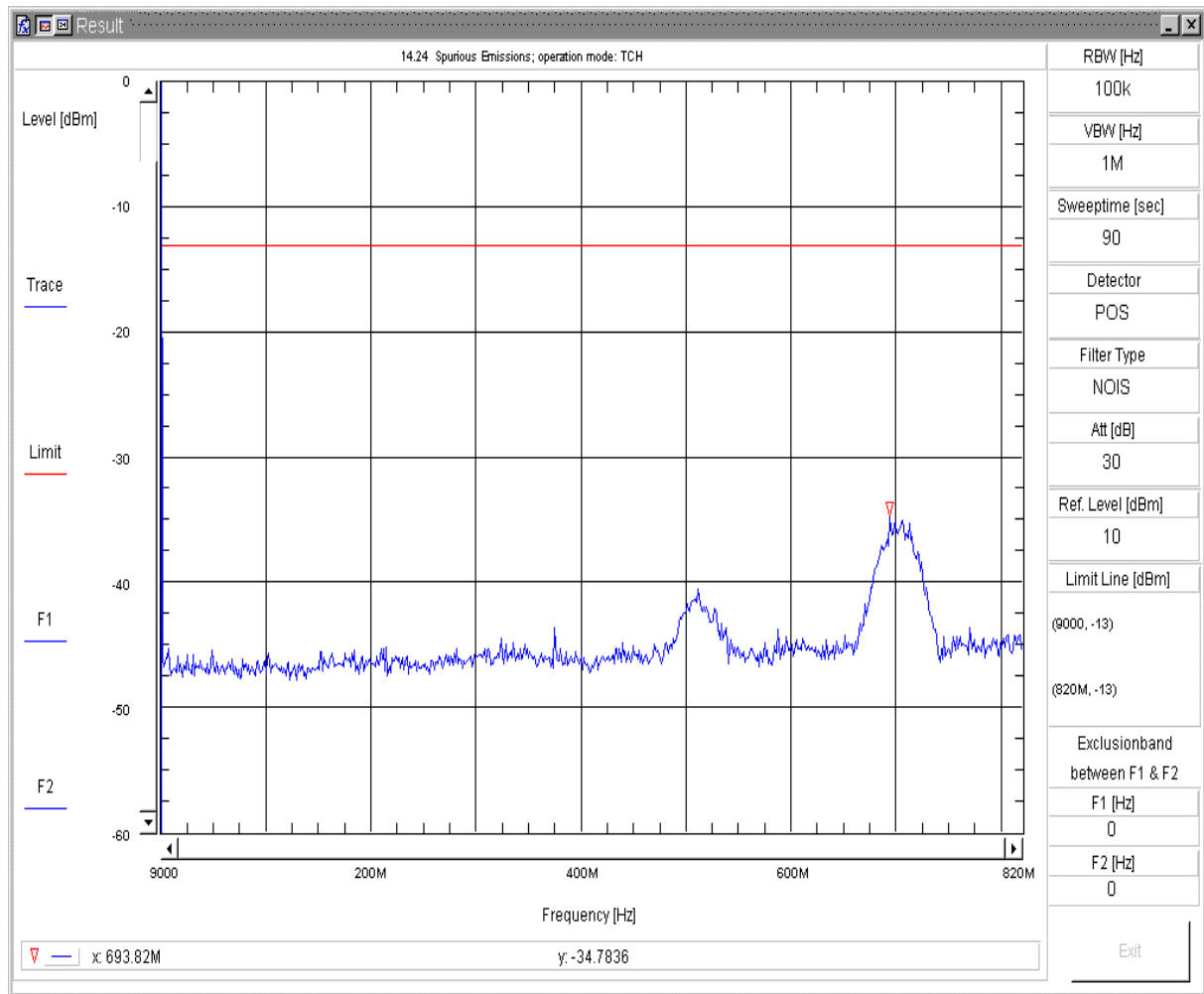
14.23 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 20.0 dBm / 20.0 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:12:390

Conducted Spurious Emissions V7.1.5



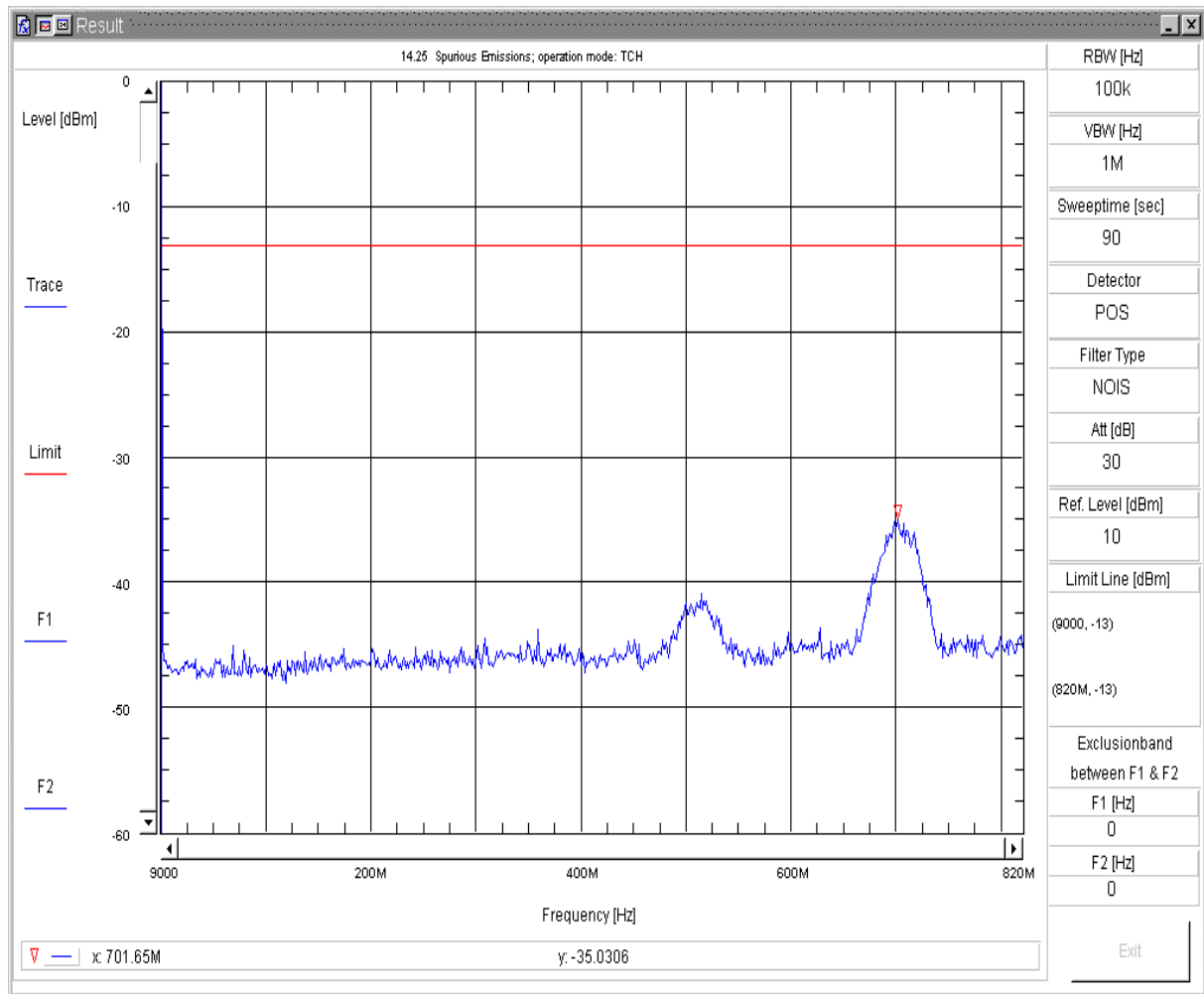
14.24 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 30.2 dBm / 30.2 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:15:440

Conducted Spurious Emissions V7.1.5



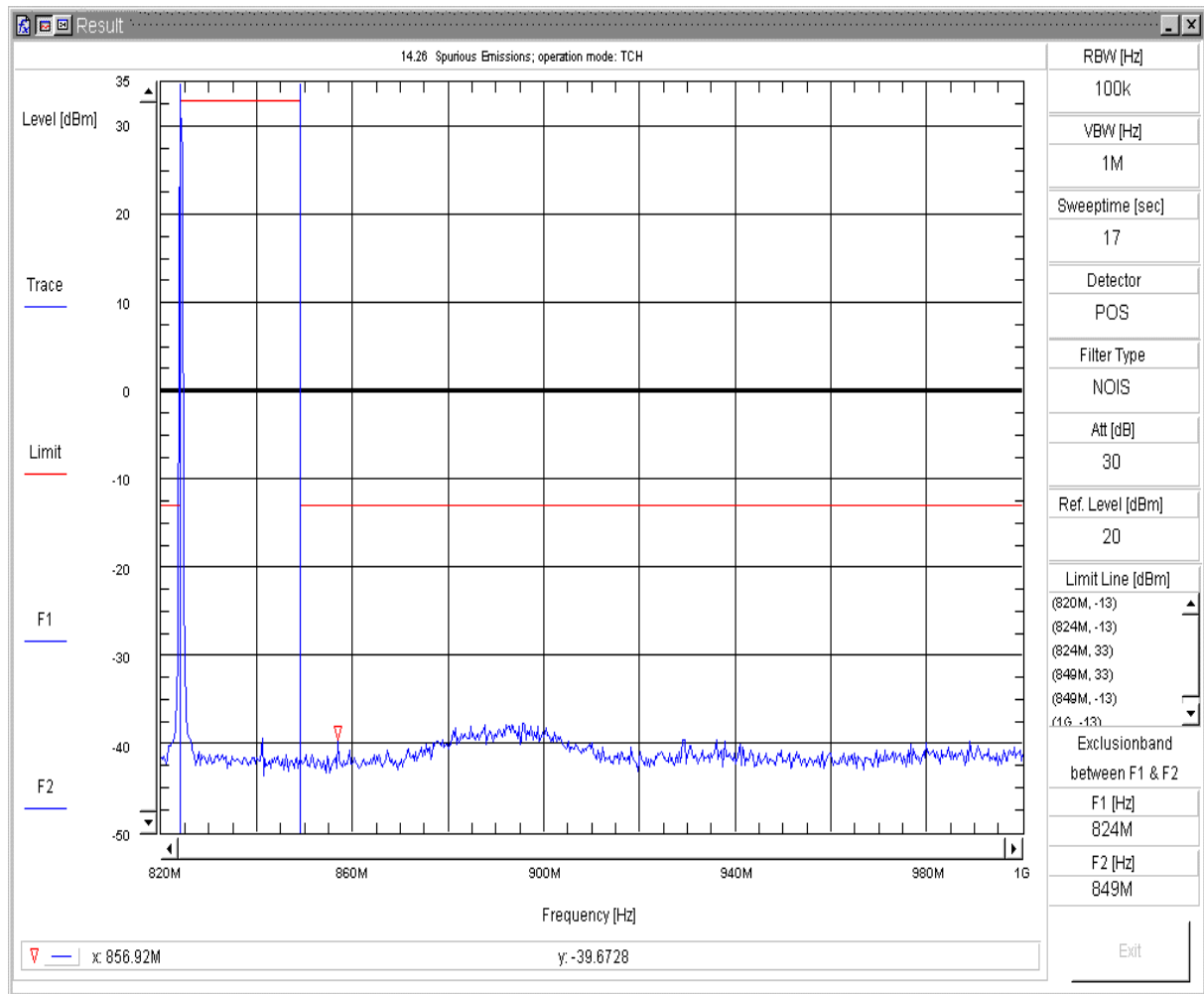
14.25 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 26.5 dBm / 26.5 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:19:150

Conducted Spurious Emissions V7.1.5



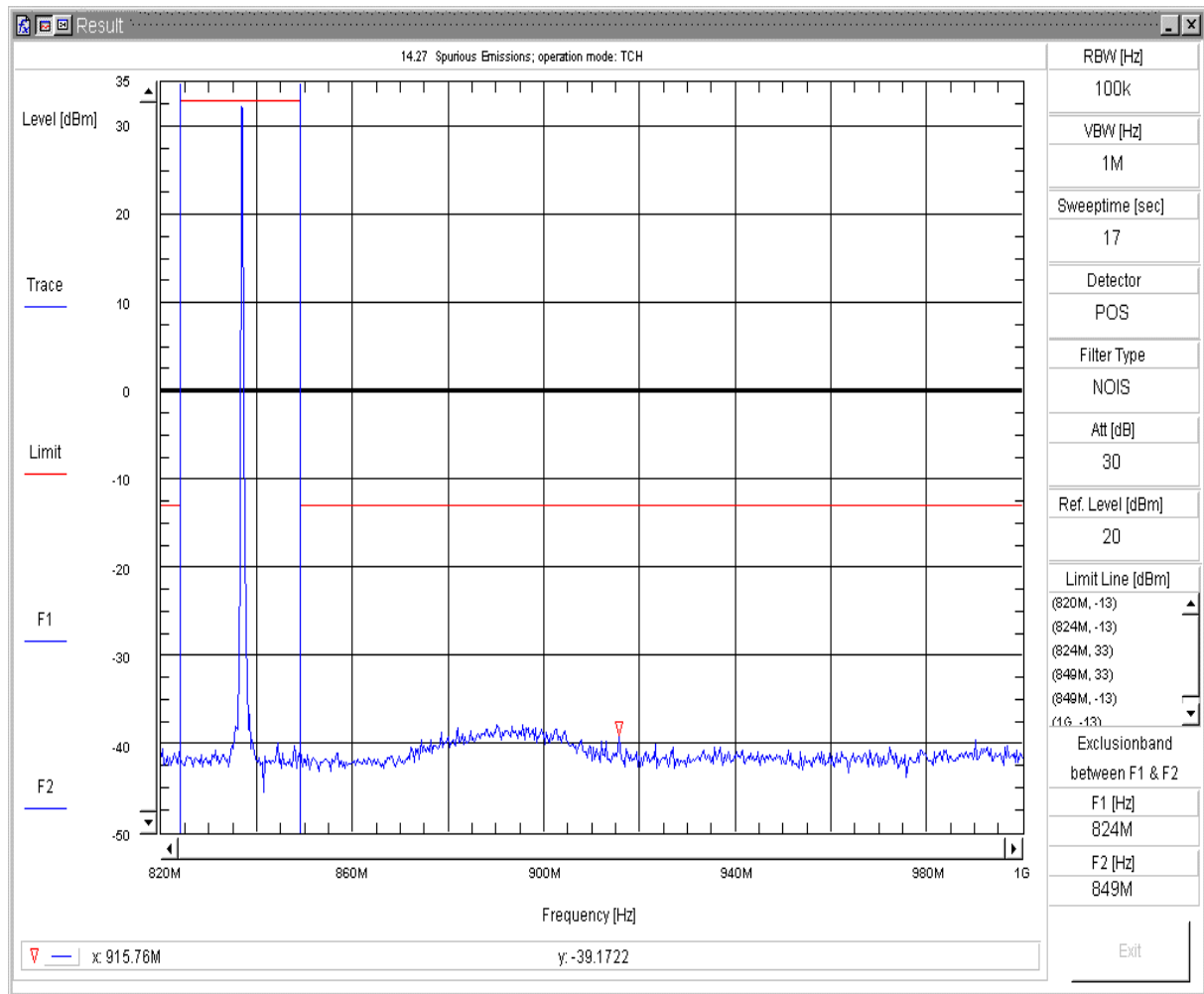
14.26 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 26.5 dBm / 26.5 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:24:130

Conducted Spurious Emissions V7.1.5



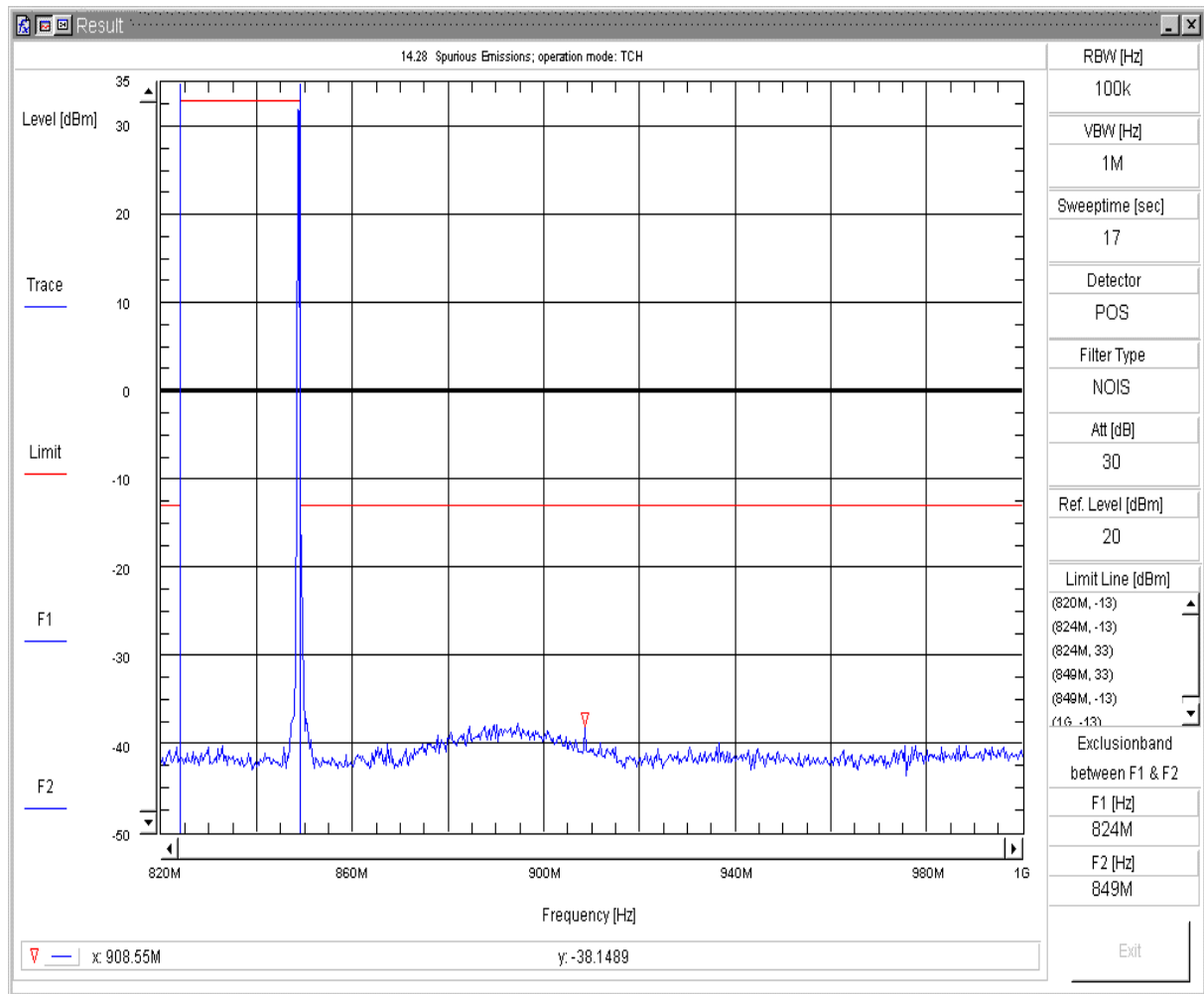
14.27 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 26.8 dBm / 26.8 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:23:050

Conducted Spurious Emissions V7.1.5



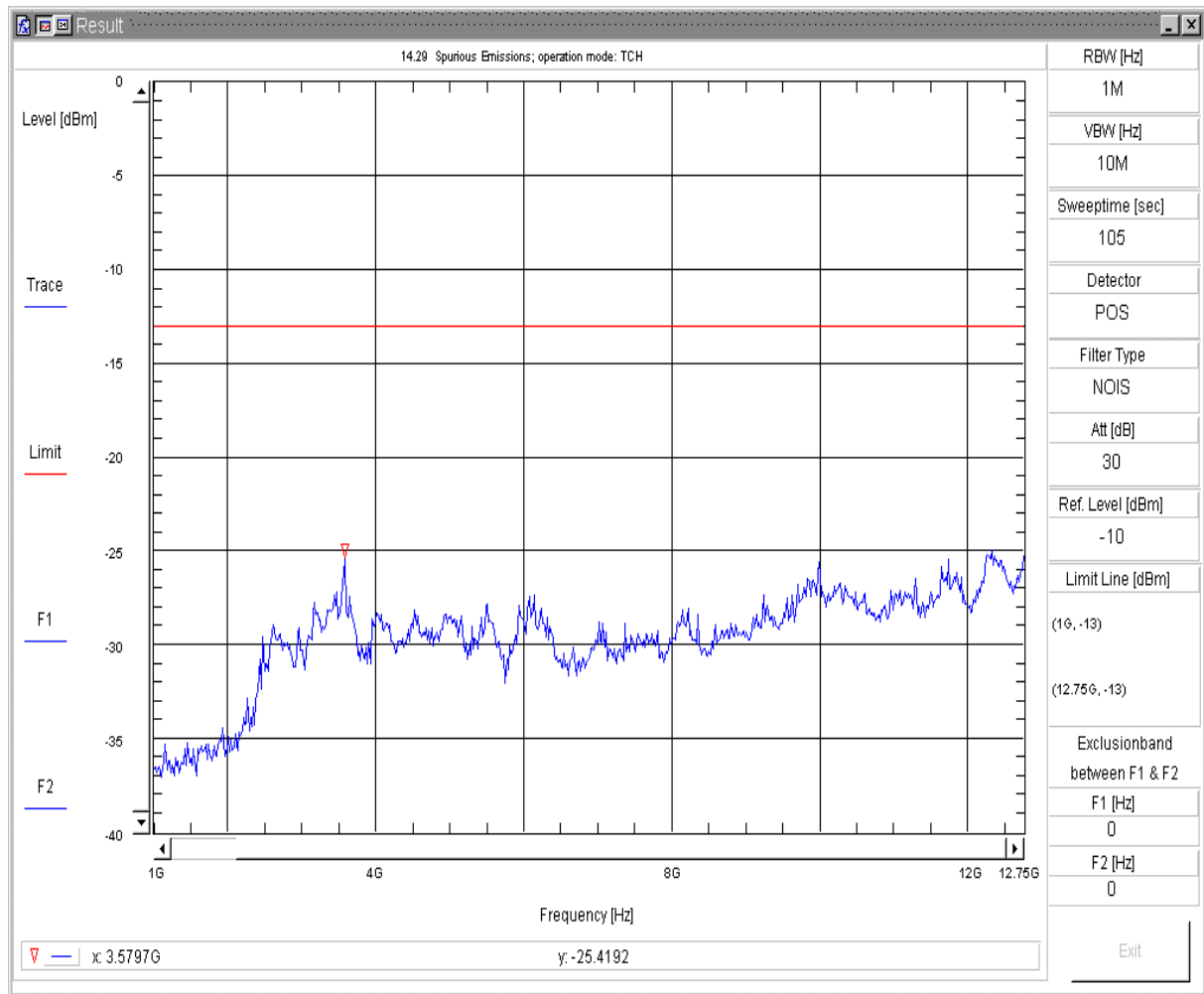
14.28 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 26.8 dBm / 26.8 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:21:490

Conducted Spurious Emissions V7.1.5



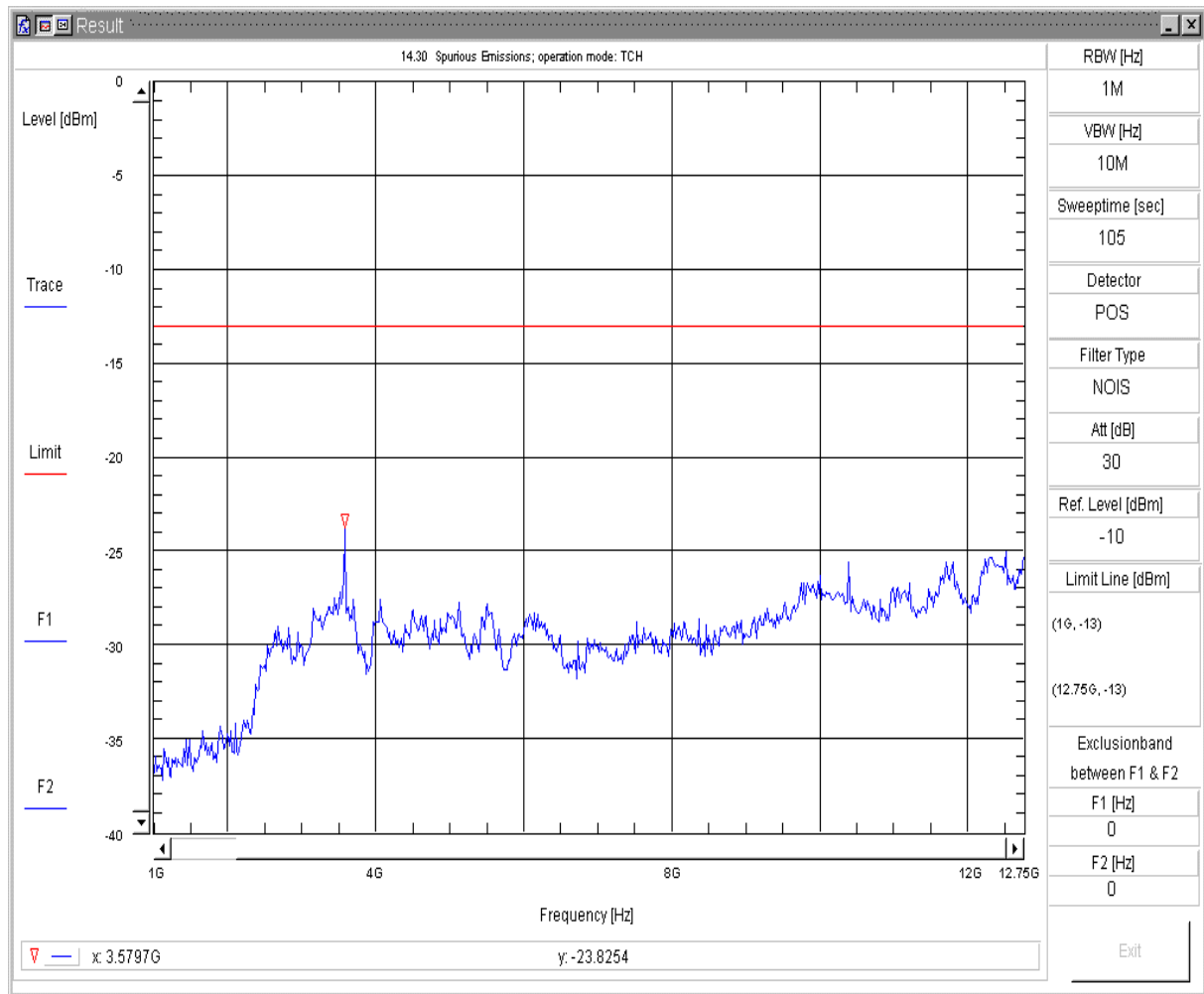
14.29 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 30.3 dBm / 30.3 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:25:420

Conducted Spurious Emissions V7.1.5



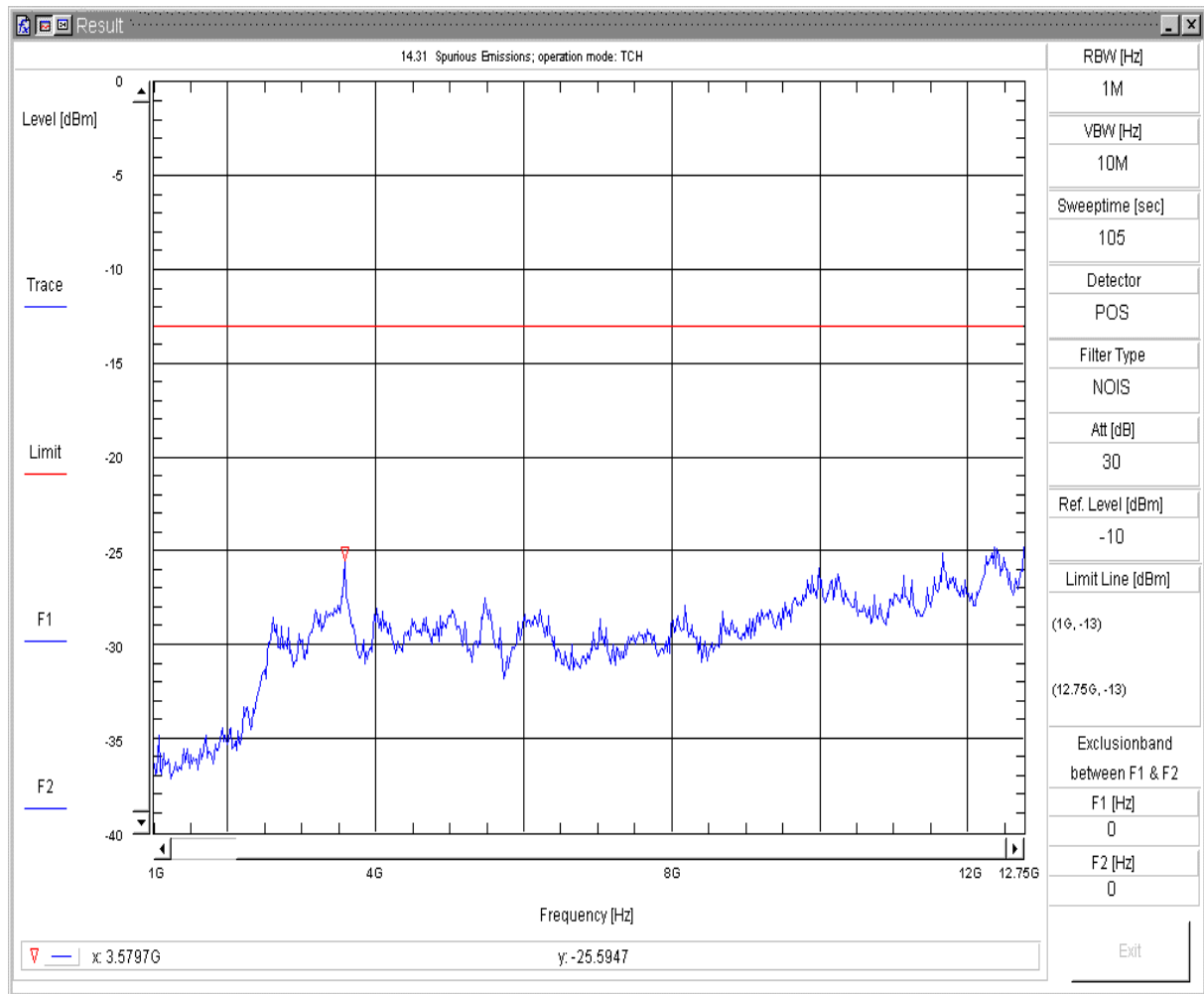
14.30 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 30.3 dBm / 30.3 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:28:330

Conducted Spurious Emissions V7.1.5



14.31 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 26.8 dBm / 26.8 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:35:390

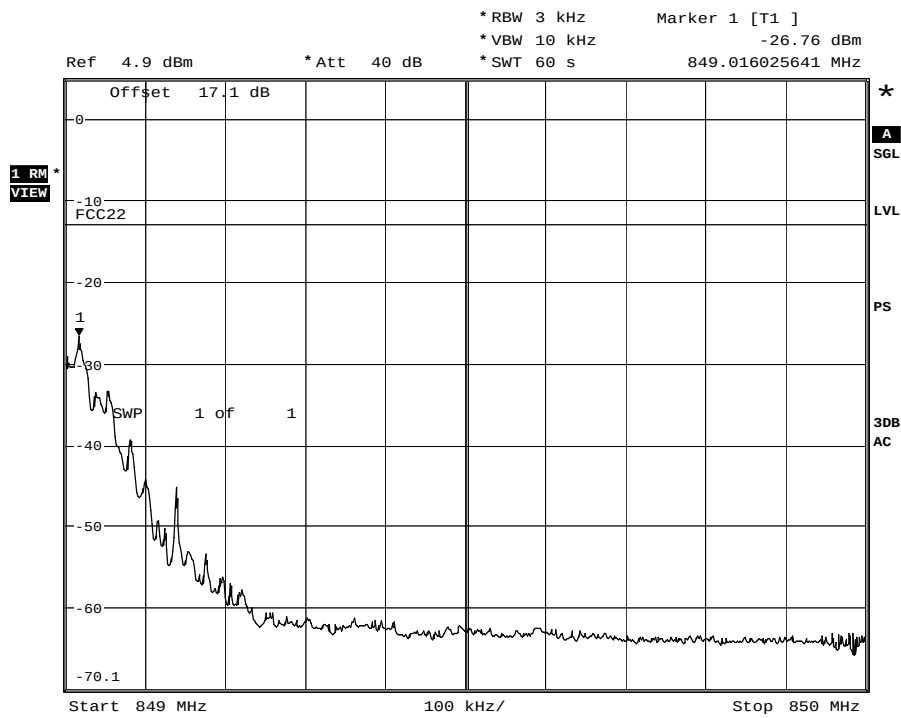
Conducted Spurious Emissions V7.1.5

Band-Edge compliance GSM-850 (GMSK-Modulation)



Date: 10.JAN.2009 16:02:17

Diagram 14.32: Band Edge Channel 128

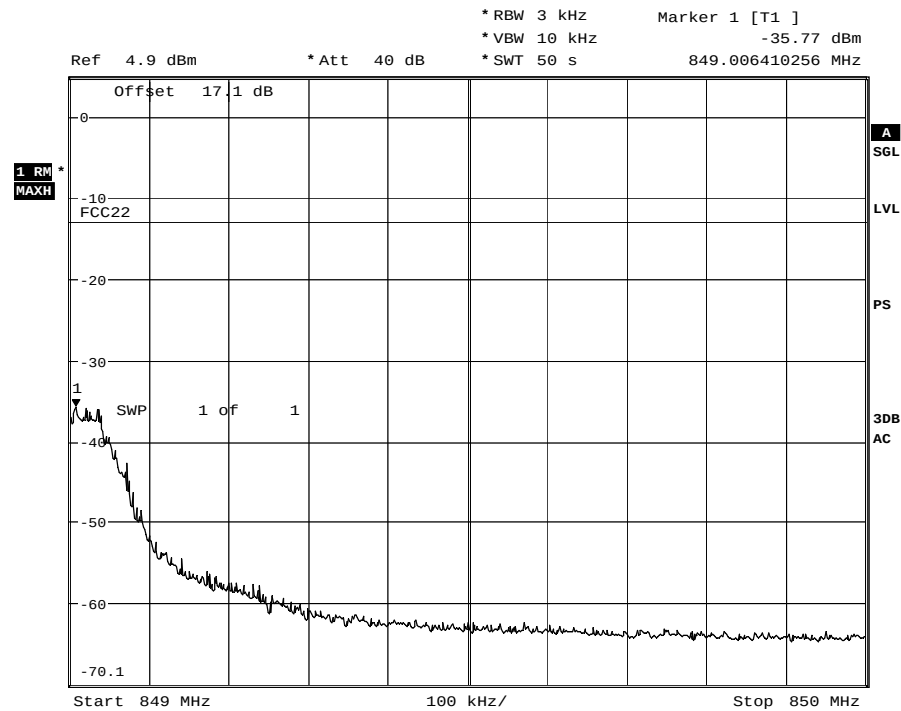


Date: 10.JAN.2009 15:59:26

Diagram 14.33: Band Edge Channel 251

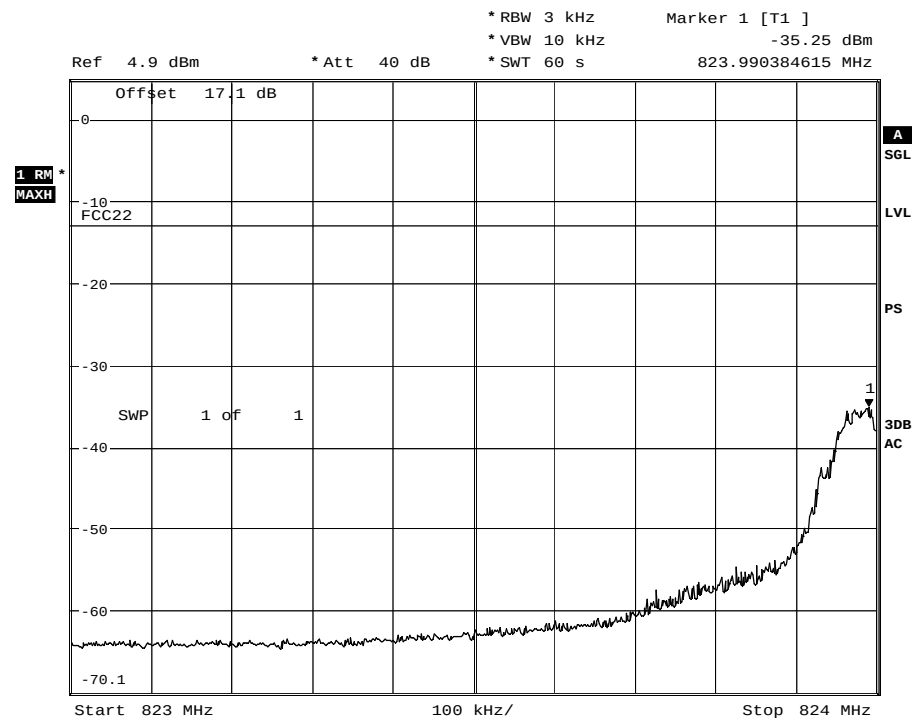
Diagrams - E-GPRS 850 mode

Band-Edge compliance (8-PSK Modulation)



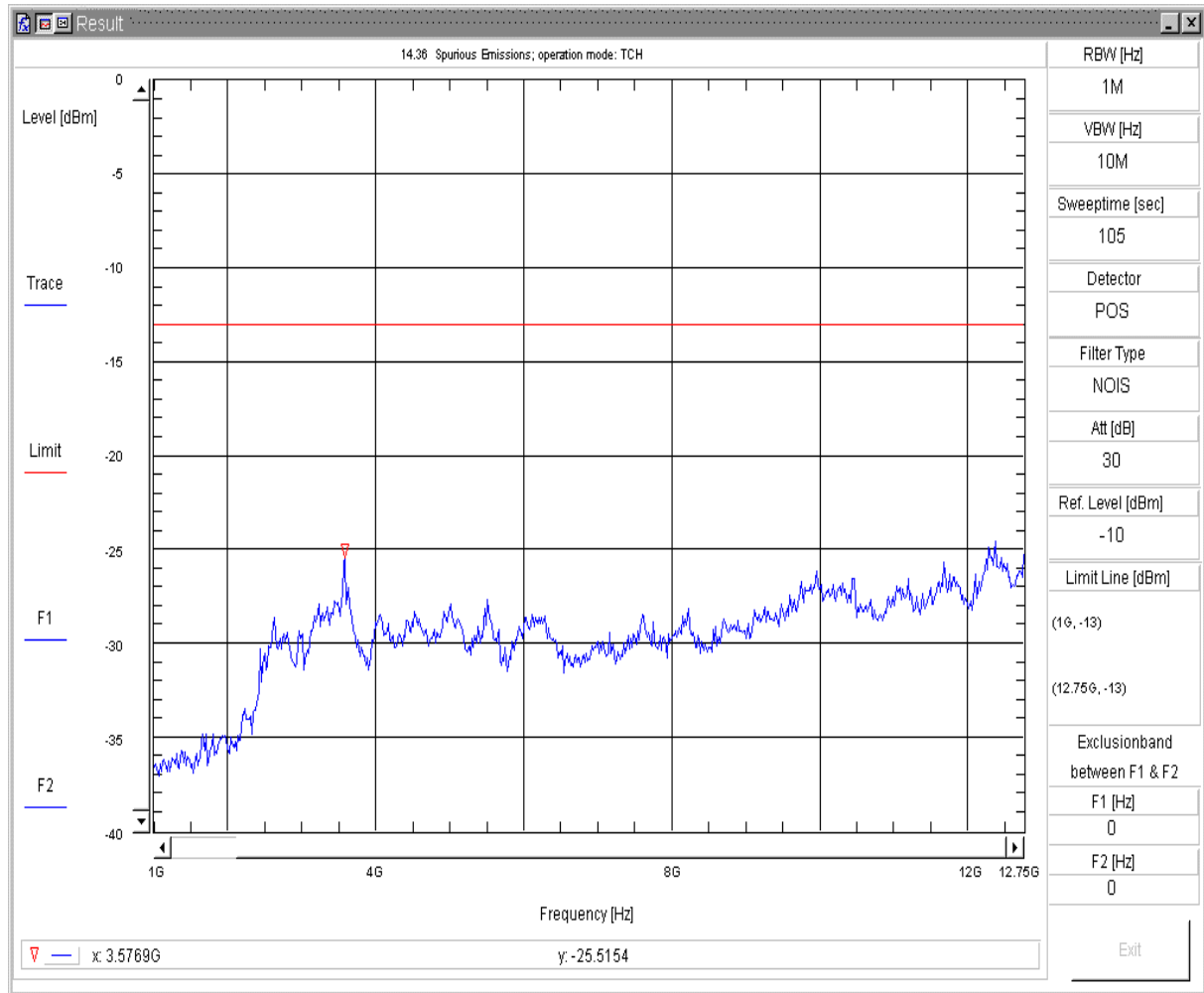
Date: 10.JAN.2009 16:08:52

Diagram 14.34: Band Edge Channel 251 – 8PSK



Date: 10.JAN.2009 16:07:08

Diagram 14.35: Band Edge Channel 128 – 8PSK



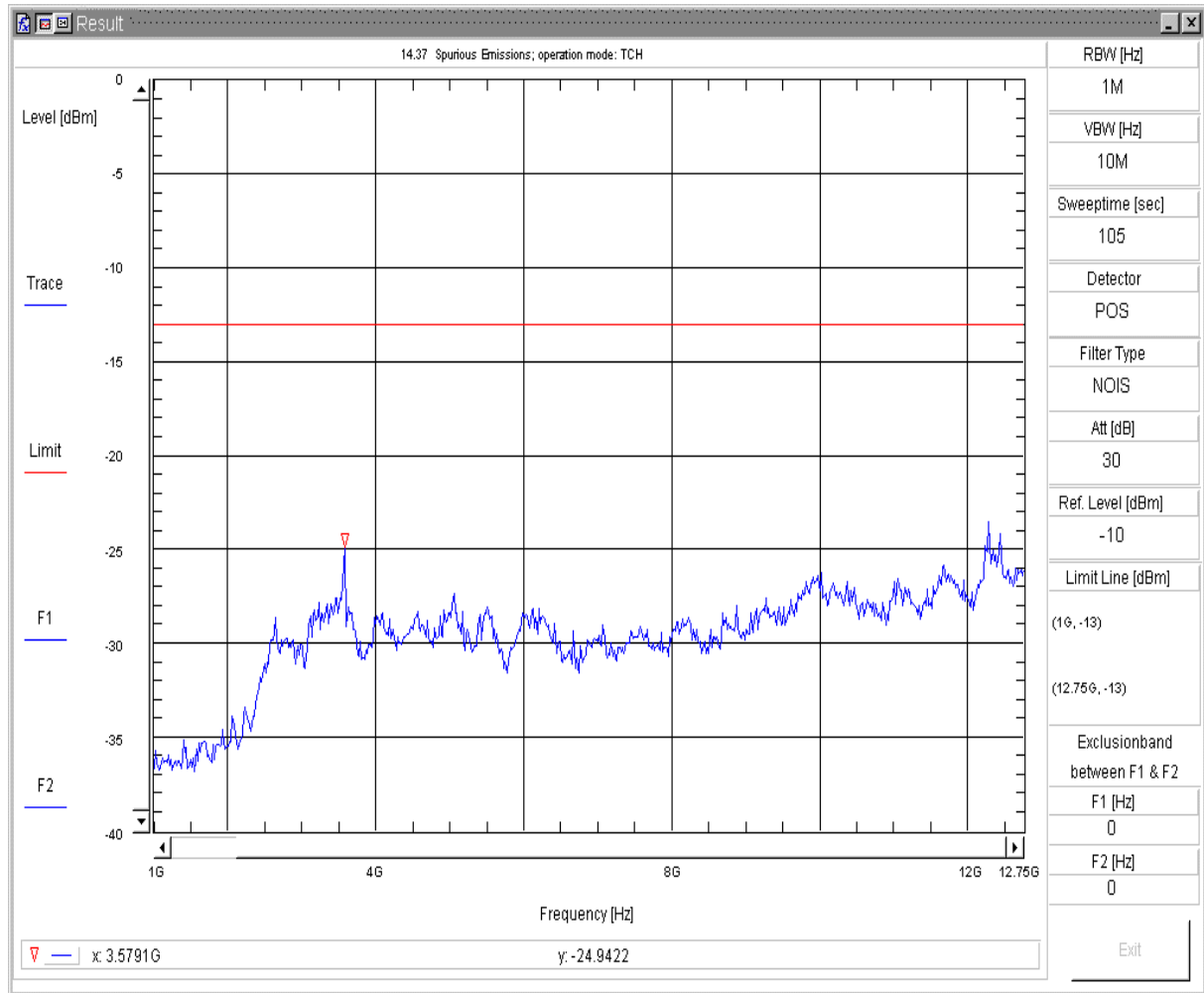
14.36 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 26.3 dBm / 26.3 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 15:57:250

Conducted Spurious Emissions V7.1.5



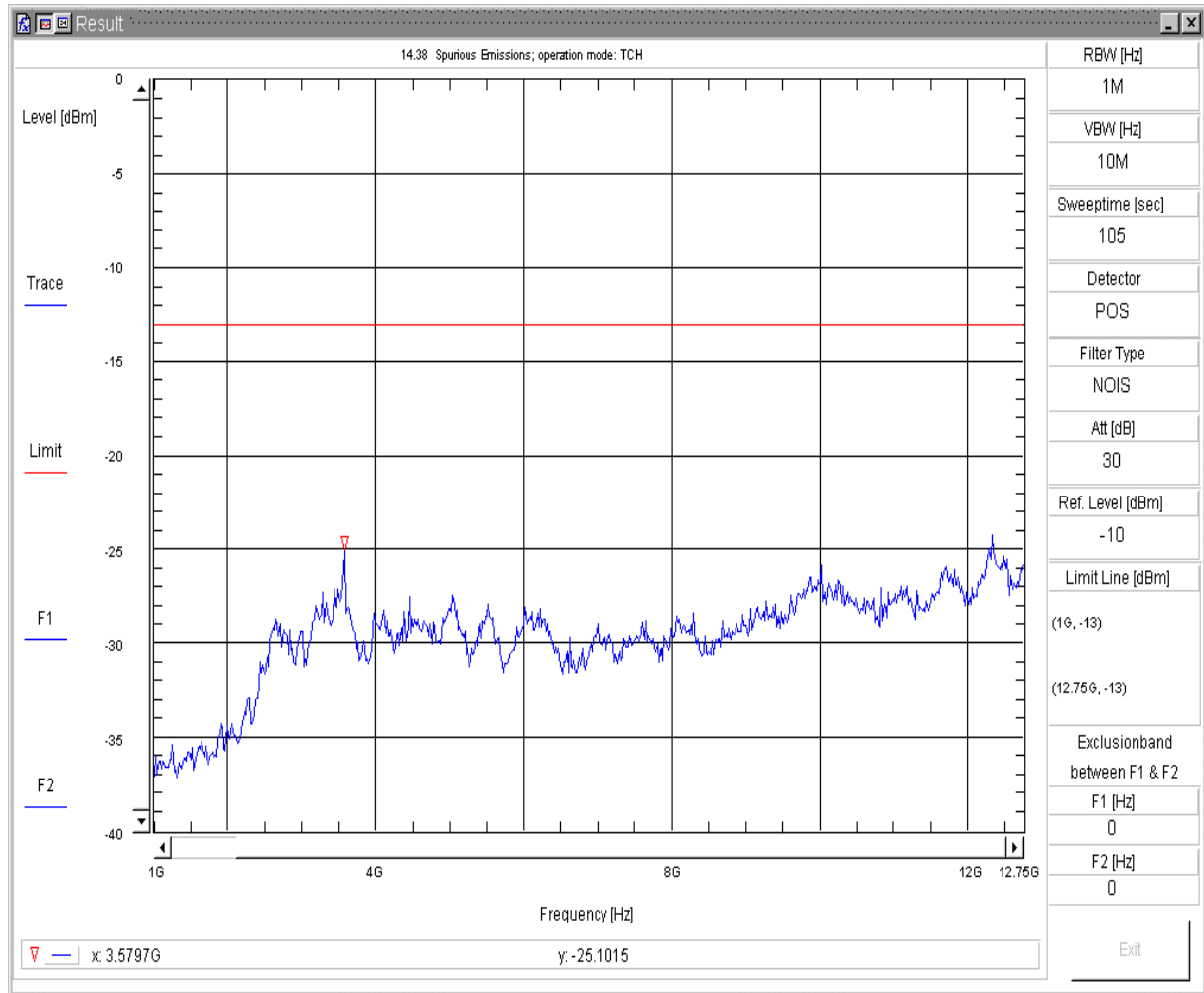
14.37 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 25.2 dBm / 25.2 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 16:01:010

Conducted Spurious Emissions V7.1.5



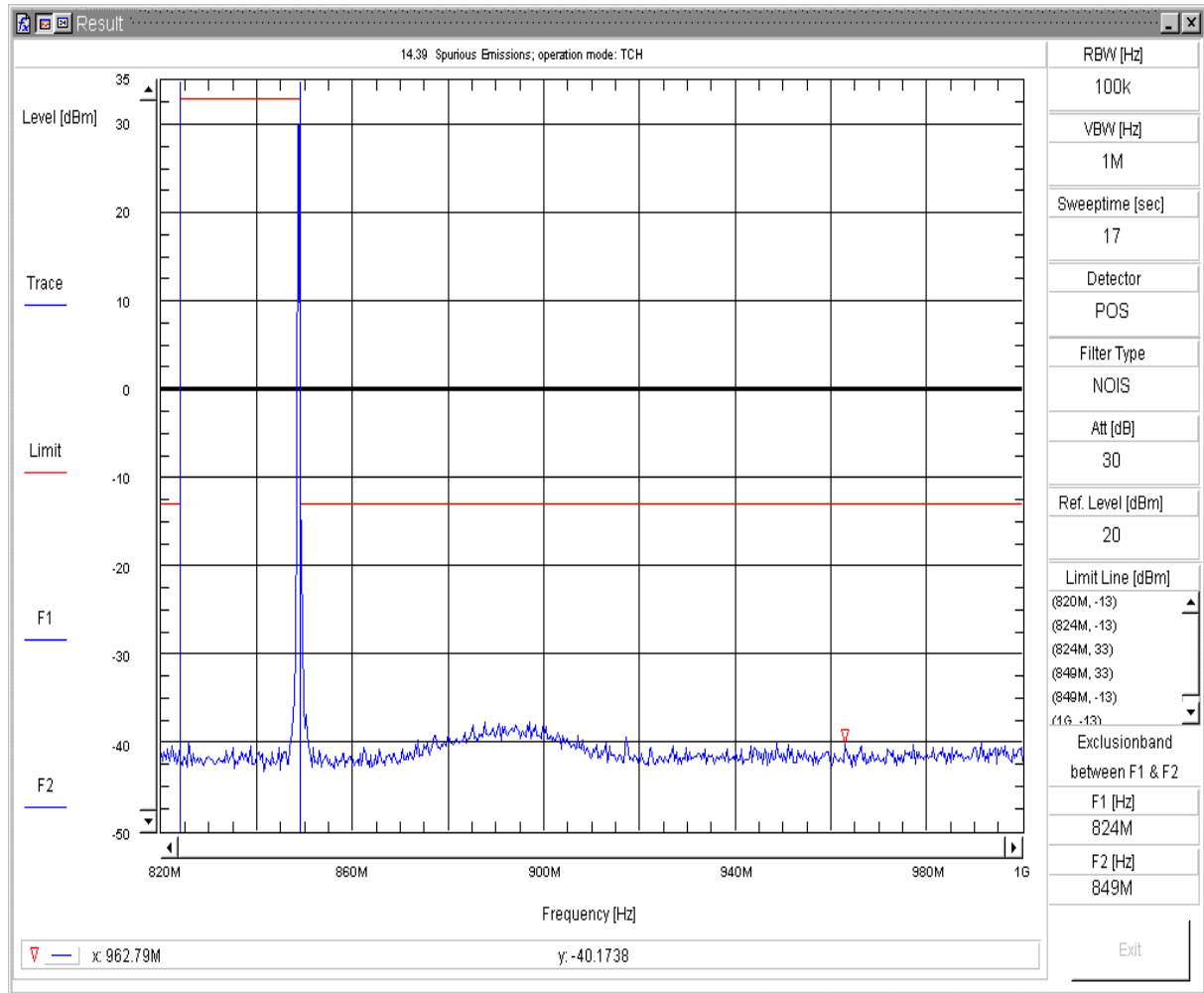
14.38 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep3
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 24.8 dBm / 24.8 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 16:03:580

Conducted Spurious Emissions V7.1.5

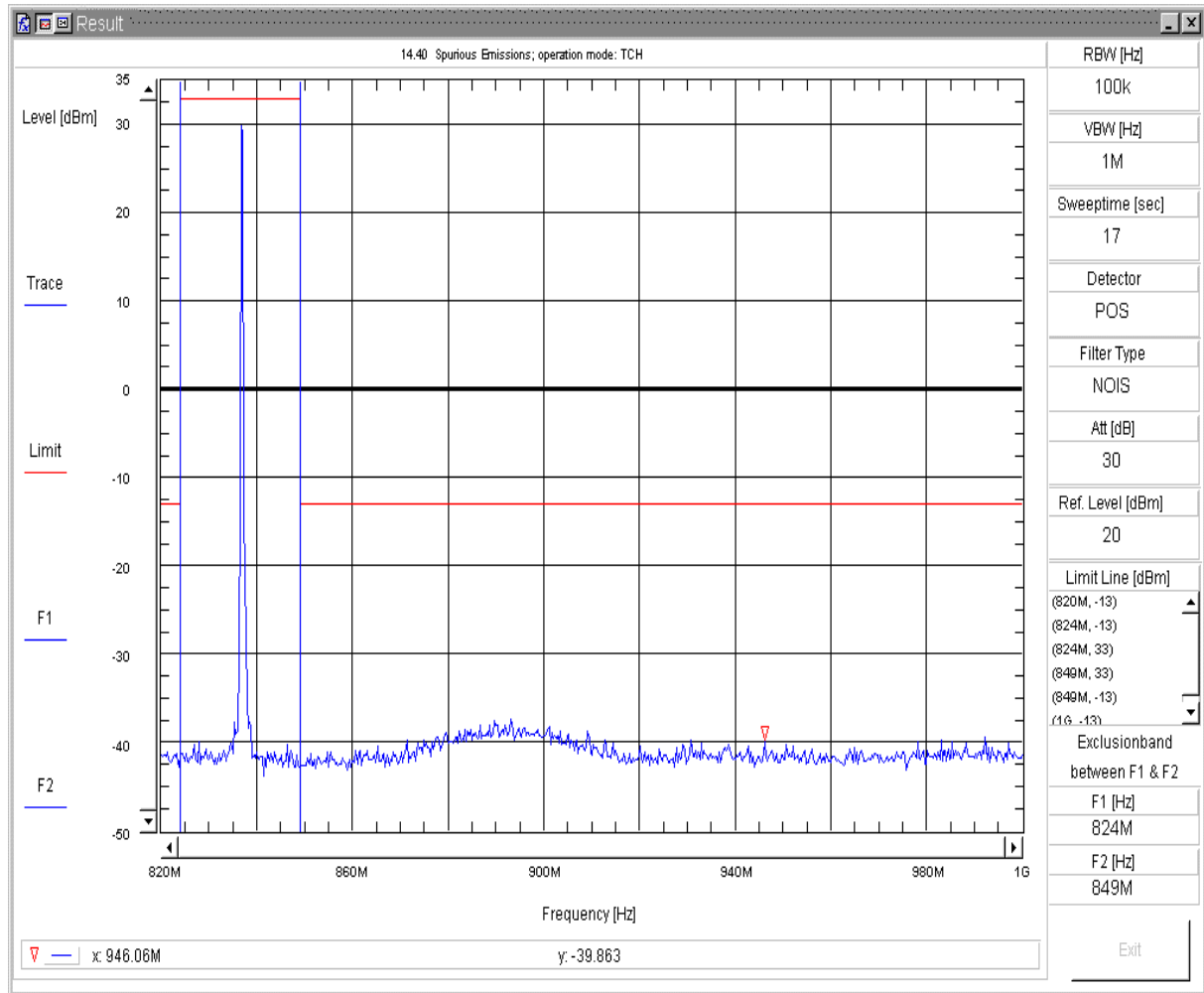


14.39 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 24.4 dBm / 24.4 dBm
 UE Status: Connection established (observed by operator)
 UE Uplink Freq: 192 MHz
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 16:12:440

Conducted Spurious Emissions V7.1.5



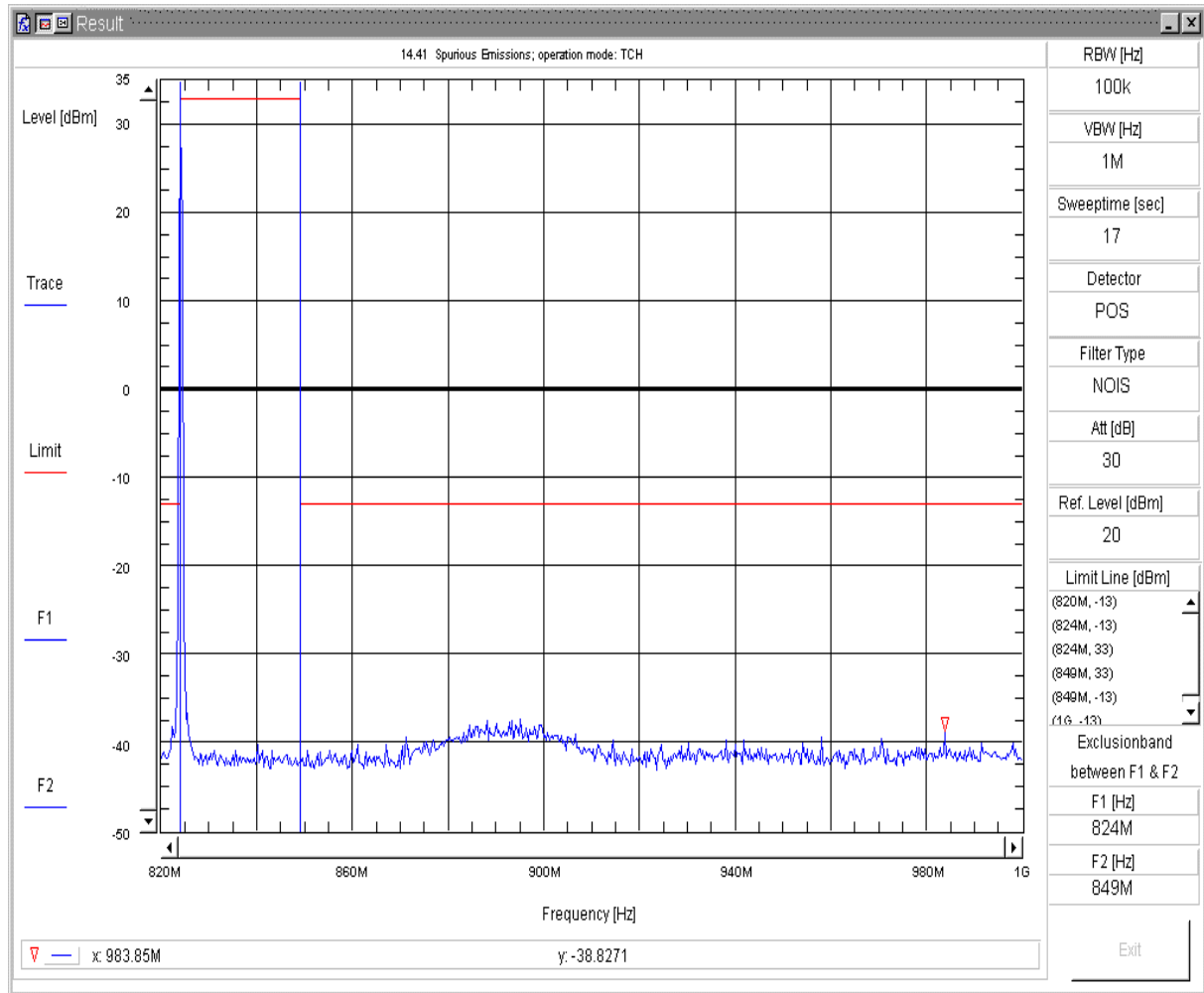
14.40 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 28.6 dBm / 28.6 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 16:11:210

Conducted Spurious Emissions V7.1.5



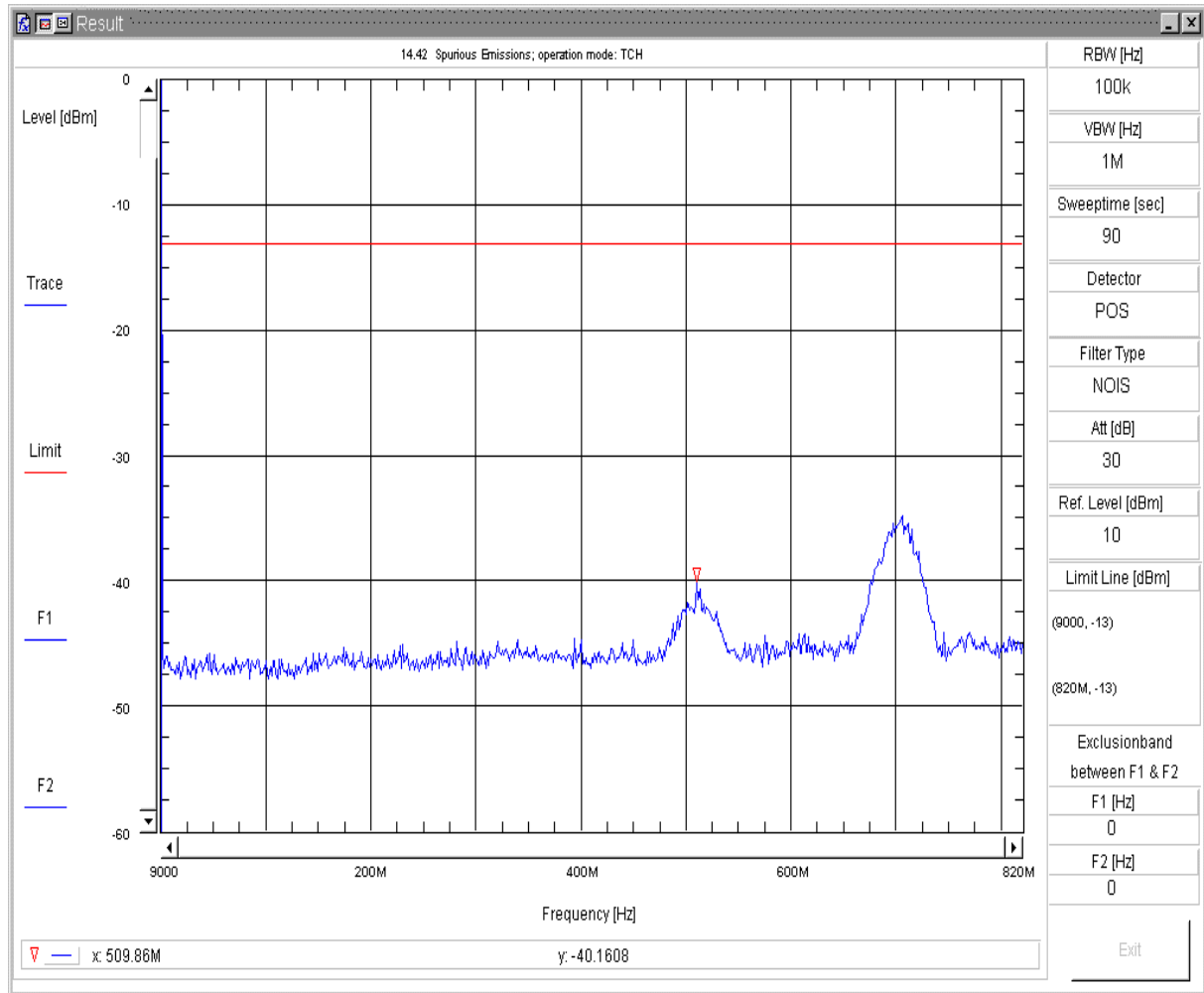
14.41 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep2
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 28.6 dBm / 28.6 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 16:07:140

Conducted Spurious Emissions V7.1.5



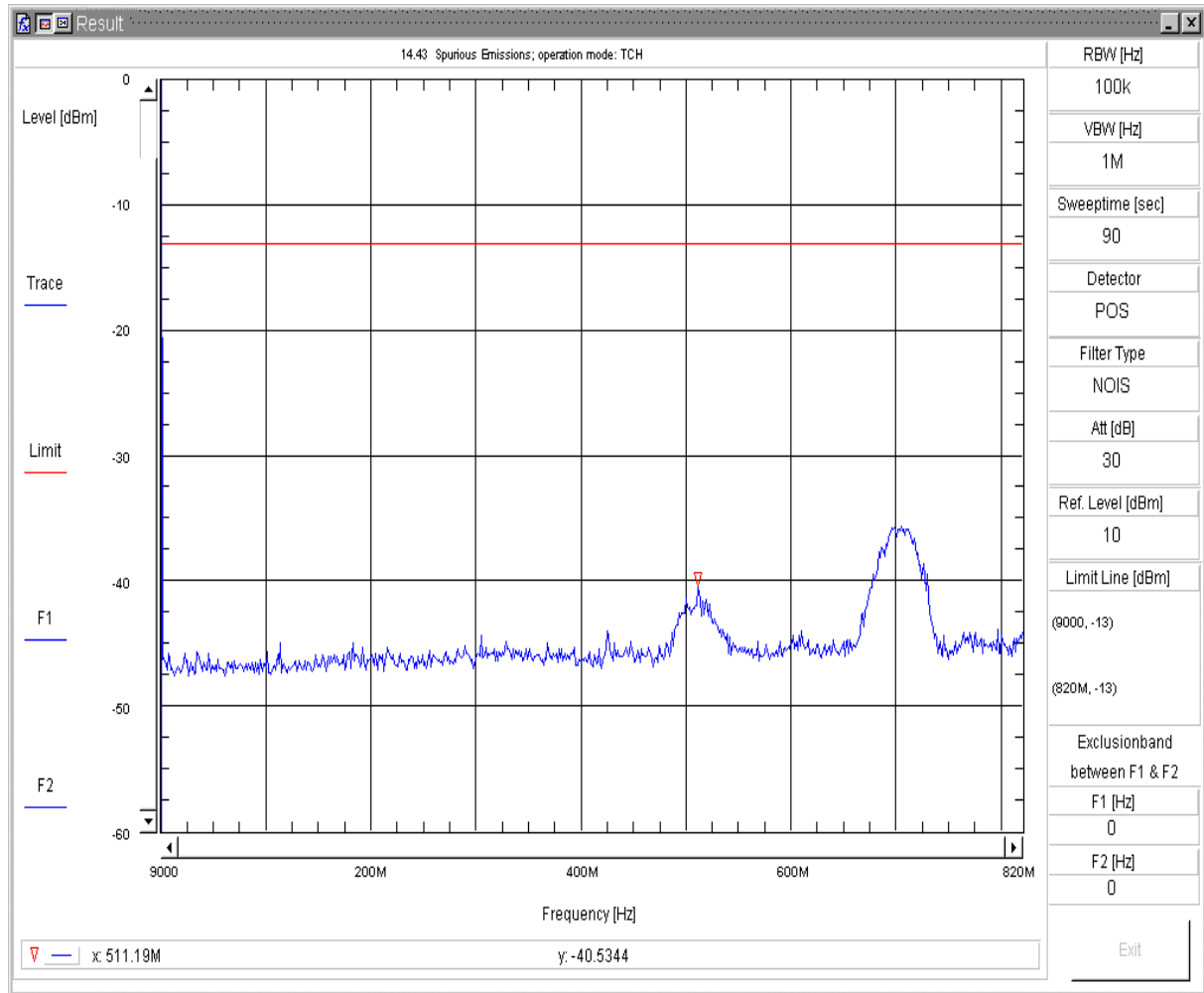
14.42 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 24.9 dBm / 24.9 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 16:14:020

Conducted Spurious Emissions V7.1.5



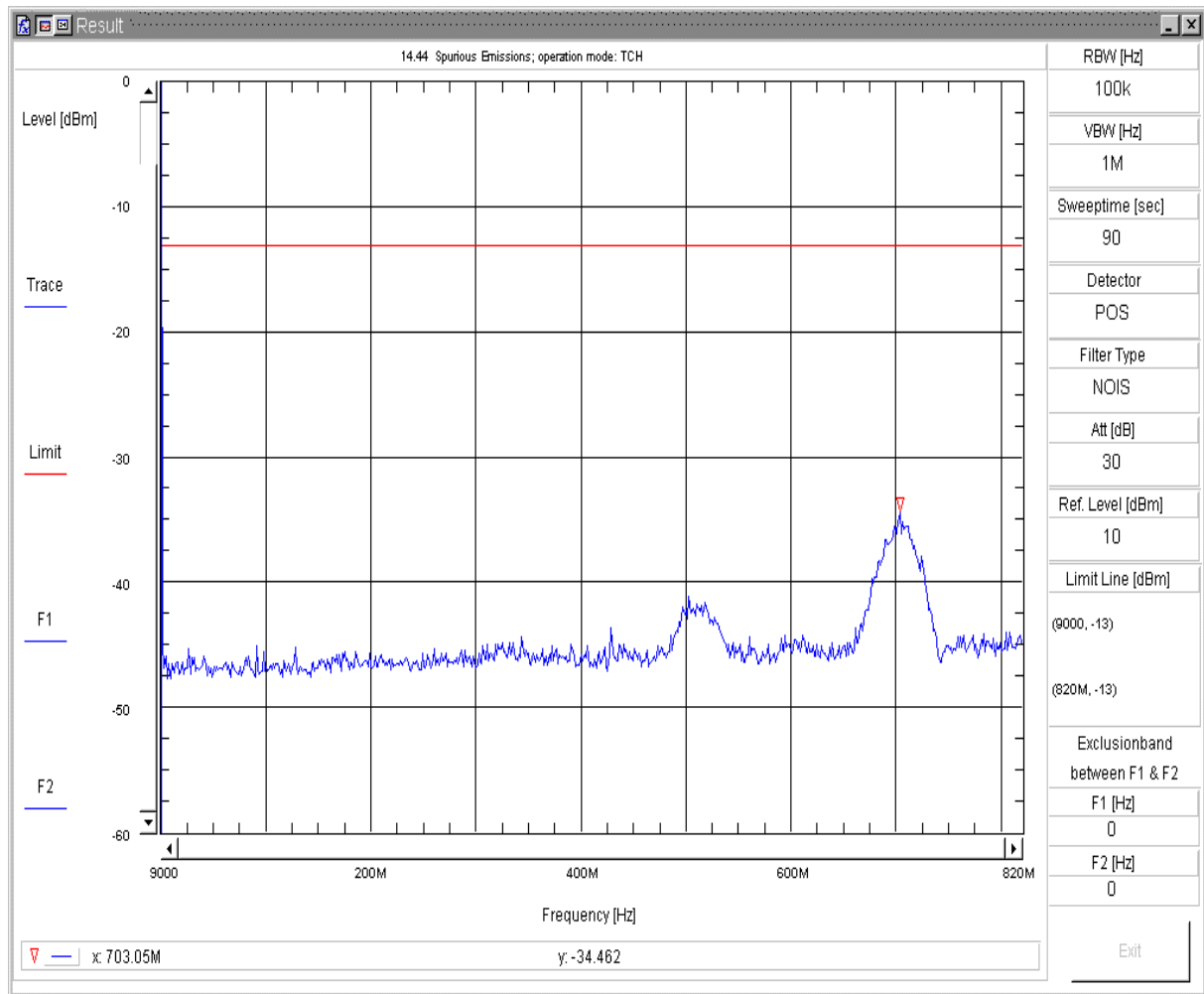
14.43 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 24.9 dBm / 24.9 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 16:16:260

Conducted Spurious Emissions V7.1.5



14.44 Conducted Spurious Emission

Transducer: c:\vee_user\spuri_V7\conducted\FCC_Part_22_850\TD_TX
 Sweepnr: Sweep1
 EUT OP Mode: FCC_Part_22_850 TCH
 UE Power: 24.5 dBm / 24.5 dBm
 UE Status: Connection established (observed by operator)

EUT Description: TM5-J01
 EUT Hardware:
 EUT Software: Audio
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: LOR
 Testing Site: Radio Laboratory; CETECOM Essen

Sat 10/Jan/2009 16:19:060

Conducted Spurious Emissions V7.1.5

1.4. Magnetic Field Strength (f<30MHz)

Diagram No. 03.01

Common Information

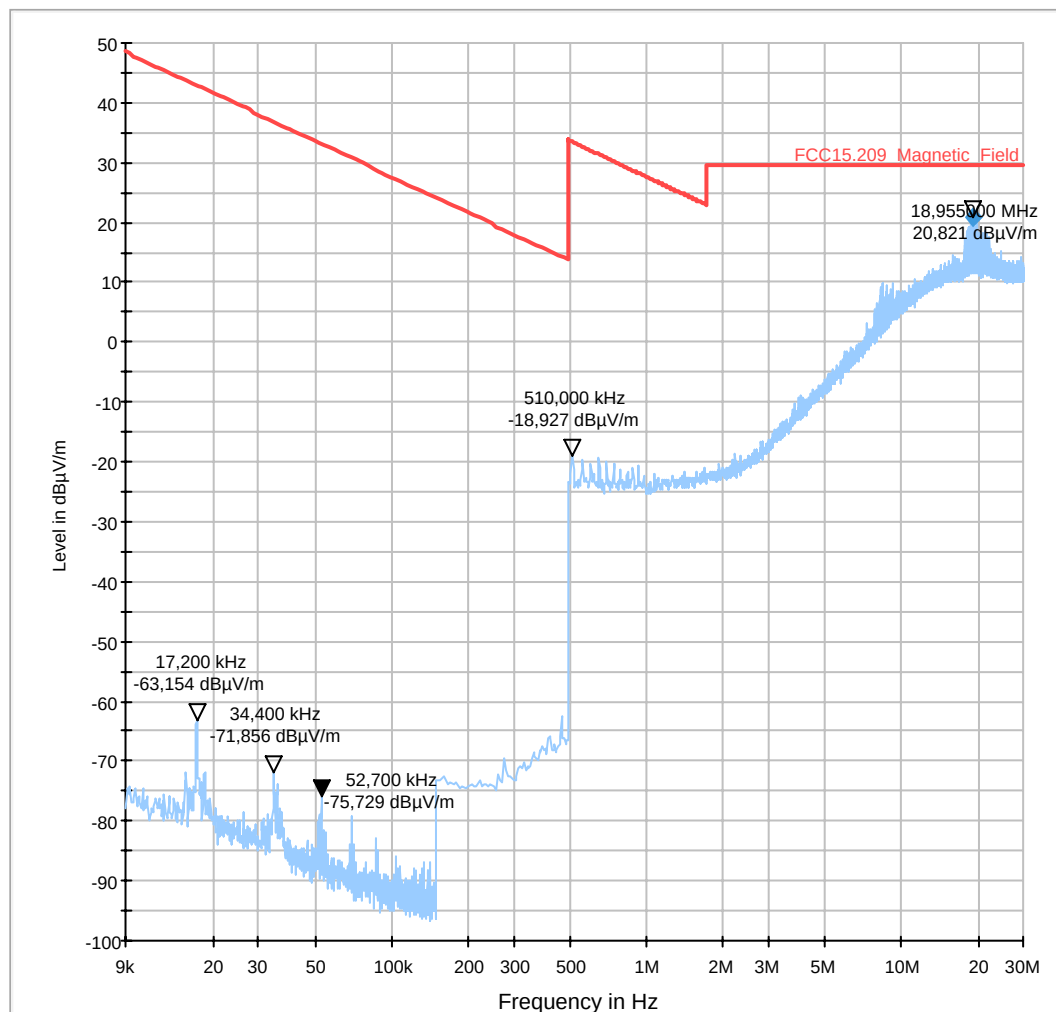
Test description:	Electric Fieldstrength Measurement related to 3 m distance
Test site and distance:	Semi Anechoic Room (SAR) with 3 m measurement distance
Measured sides of EUT:	front, right, rear, left, top, under
Rec. antenna (pre-scan):	height 1.00 m and 1.82 m, horizontal and vertical polarisation
Rec. antenna (final):	height between 1 m to 4 m, polarisation according to pre-scan results
Turntable step:	90° during pre-scan, continuously turning during final measurement
Used filter:	lowpass 1200 MHz
Test specification.:	FCC 15.205 § 15.209

Operator:	Stt
Operating conditions:	TCH-on GSM 850MHz Mode
Comment 1:	Channel low

EUT Information

Description:	
EUT Name:	TM5-J01 + AC/DC Adapter
Manufacturer:	Toshiba

FCC15.209_magn hor+vert



Data Reduction 1

Frequency (MHz)	MaxPeak-MaxHold (dBµV/m)	Polarity	Turntable position (deg)	Corr. (dB)	Comment
18.955000	20.8	H	35.0	2.7	

EMI Auto Test Template: FCC15.209_magn hor+vert

Hardware Setup: HW25_FCC15109_ESCS_MgFeld_ohne_SAR_MATRIX
 Measurement Type: Open-Area-Test-Site
 Frequency Range: 9 kHz - 30 MHz
 Graphics Level Range: -100 dBµV/m - 50 dBµV/m

Preview Measurements:
 Antenna height: 0 - 1000 cm , Step Size = 0 cm , Speed = 1
 Polarity: H + V
 Turntable position: 35 - 305 deg , Step Size = 90 deg , Speed = 0
 Scan Test Template: 01_FCC_MG_FELD_PK_FAST_H&V_EUT

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
9 kHz - 150 kHz	MaxPeak	200 Hz	0,01 s	ESCS 30
150 kHz - 30 MHz	MaxPeak	10 kHz	0,01 s	ESCS 30

Data Reduction:
 Limit Line #1: FCC15.209_Magnetic_Field
 Peak Search: 20 dB , Maximum Results: 10
 Subrange Maxima: 10 Subranges , Maxima per Subrange: 1
 Acceptance Offset: -10 dB
 Maximum Number of Results: 20

Report Settings:
 Report Template: FCC15_209_vert_hor
 Create Electronic Report: PDF
 Document Name: EMI Report

Diagram No. 03.02

Common Information

Test description:	Magnetic Fieldstrength Measurement related to 3 m distance
Test site and distance:	Semi Anechoic Room (SAR) with 3 m measurement distance
Measured sides of EUT:	front, right, rear, left
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Turntable step:	90° during pre-scan
Used filter:	bypass
Test specification.:	FCC 15.205 § 15.209

Operator:	stt
Operating conditions:	TCH-on GSM 850MHz Mode
Comment 1:	Channel middle

EUT Information

Description:	
EUT Name:	TM5-J01 + AC/DC Adapter
Manufacturer:	Toshiba

FCC15.209_magn hor+vert

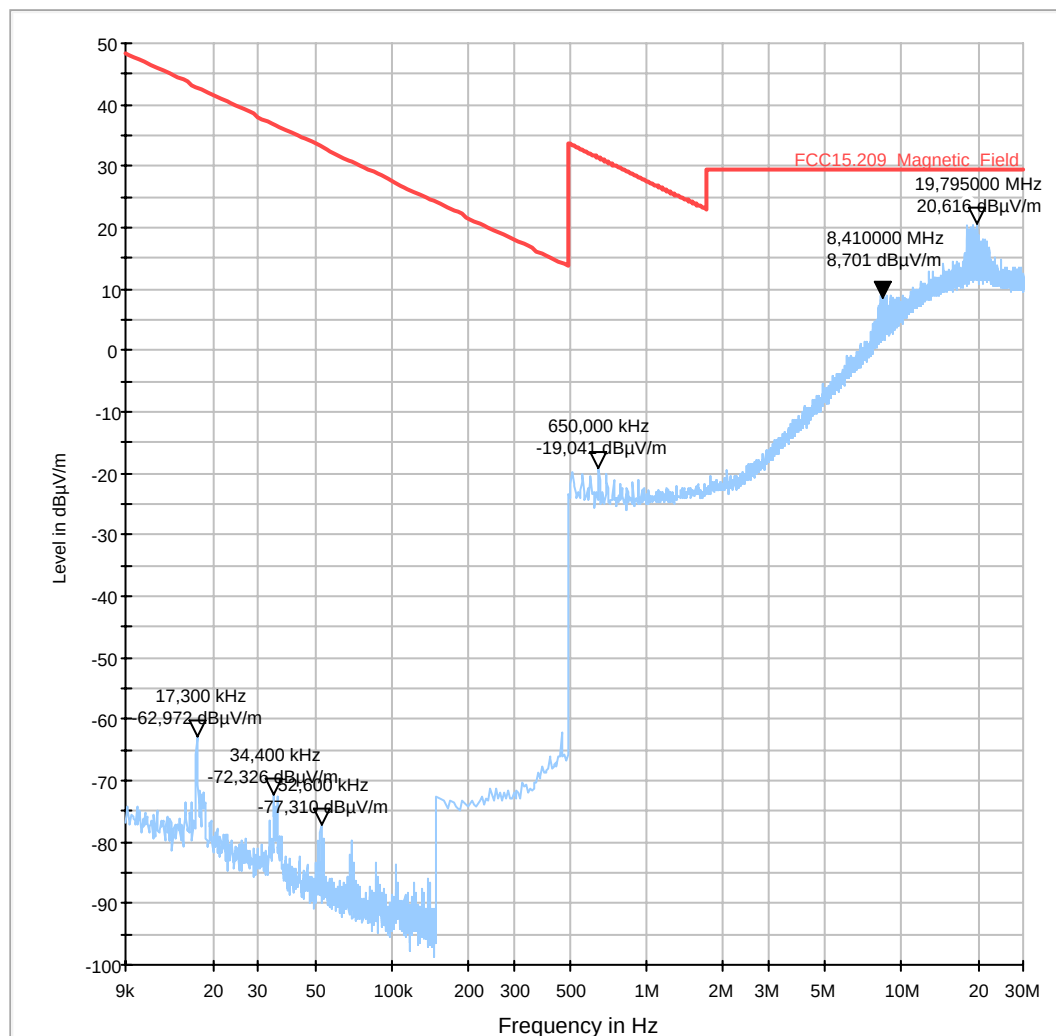


Diagram No. 03.03

Common Information

Test description:	Magnetic Fieldstrength Measurement related to 3 m distance
Test site and distance:	Semi Anechoic Room (SAR) with 3 m measurement distance
Measured sides of EUT:	front, right, rear, left, top, under
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Turntable step:	90° during pre-scan
Used filter:	bypass
Test specification.:	FCC 15.205 § 15.209

Operator:	stt
Operating conditions:	TCH-on GSM 850MHz Mode
Comment 1:	Channel high

EUT Information

Description:	
EUT Name:	TM5-J01 + AC/DC Adapter
Manufacturer:	Toshiba

FCC15.209_magn hor+vert

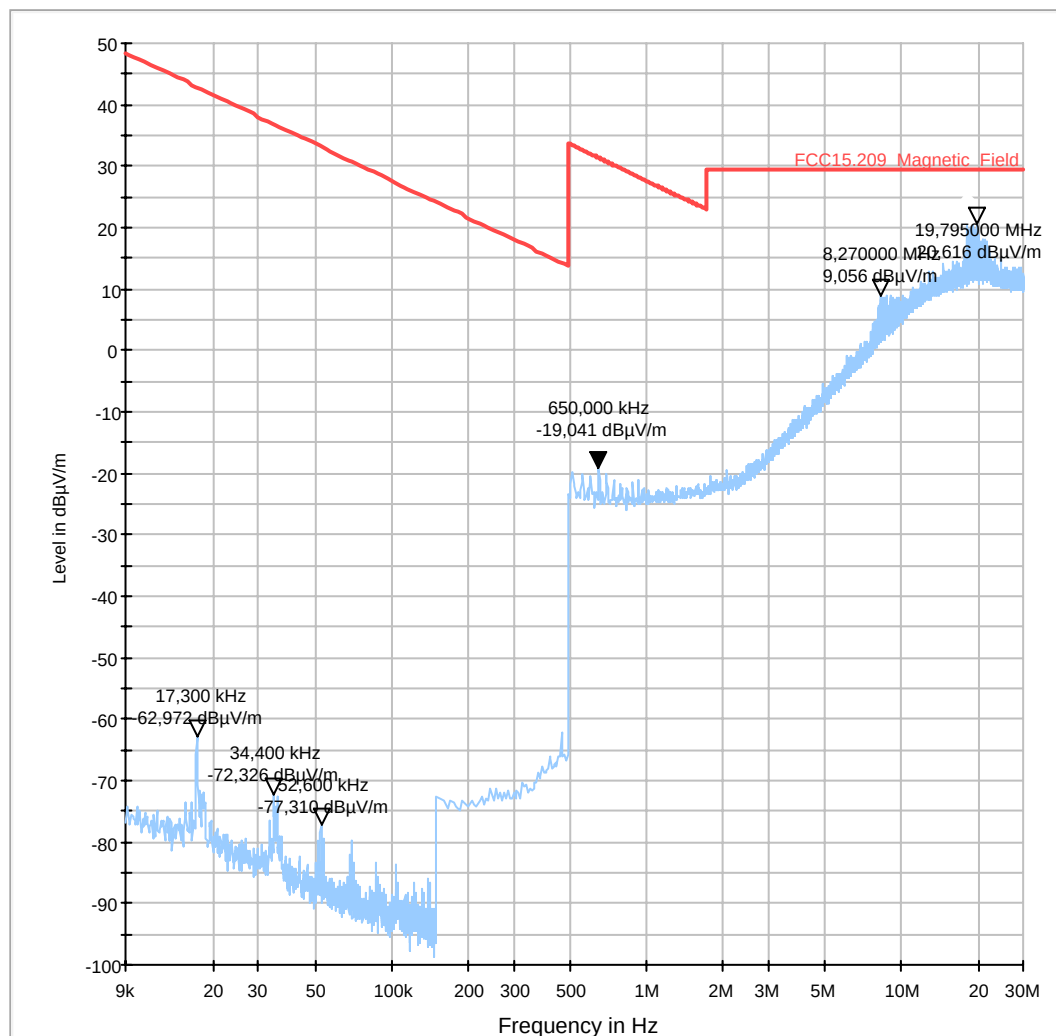


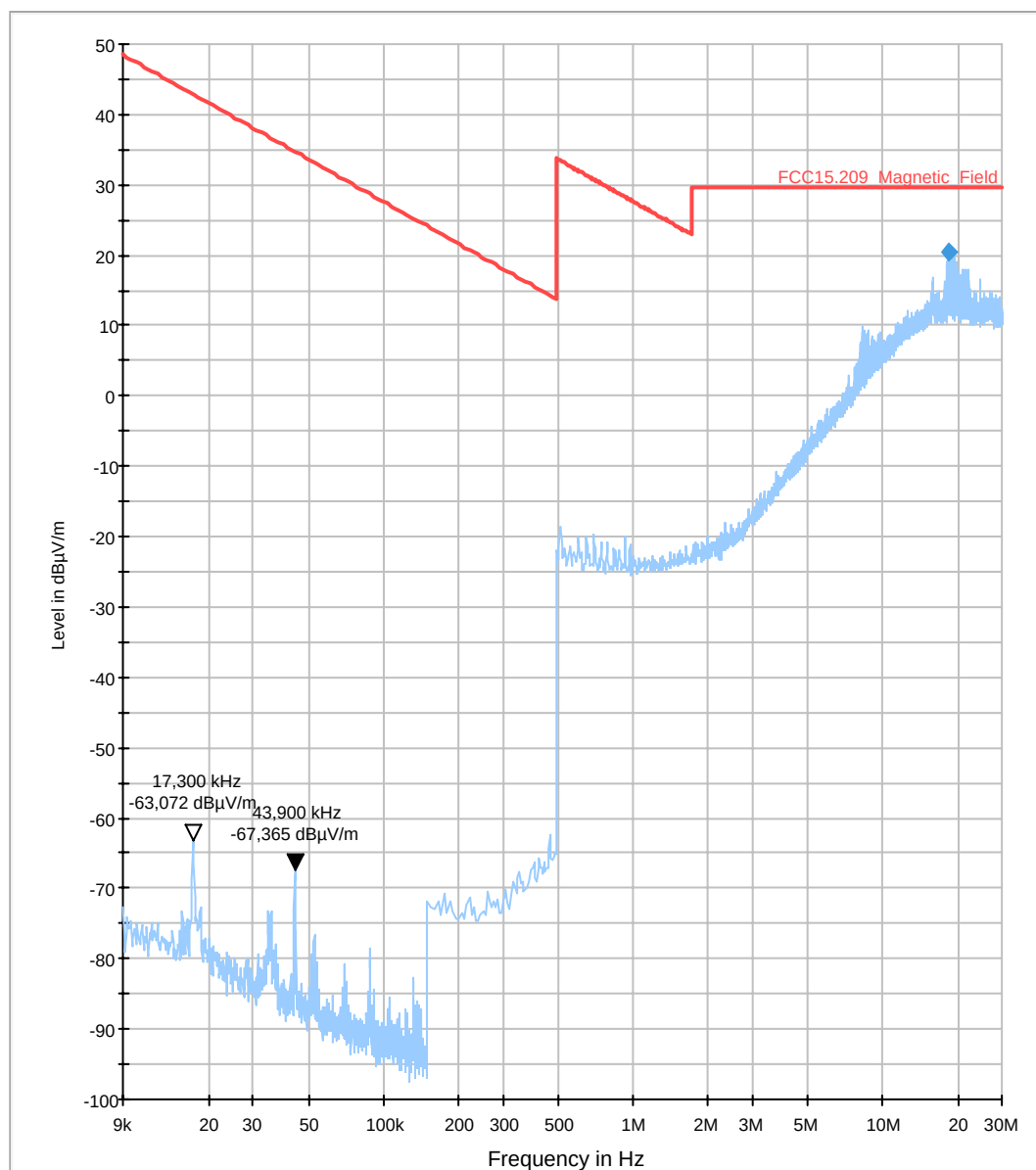
Diagram No. 3.06

Common Information

Test description:	Magnetic Fieldstrength Measurement related to 3 m distance
Test site and distance:	Semi Anechoic Room (SAR) with 3 m measurement distance
Measured sides of EUT:	front, right, rear, left
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Turntable step:	90° during pre-scan
Used filter:	bypass
Test specification.:	FCC 15.205 § 15.209

Operator:	MWa
Operating conditions:	TX-on GSM 1900 TCH
Comment 1:	Channel high

FCC15.209_magn hor+vert



EMI Auto Test Template: FCC15.209_magn hor+vert

Hardware Setup: HW25_FCC15109_ESCS_MgFeld_ohne_SAR_MATRIX
Measurement Type: Open-Area-Test-Site
Frequency Range: 9 kHz - 30 MHz
Graphics Level Range: -100 dB μ V/m - 50 dB μ V/m

Preview Measurements:
Antenna height: 0 - 1000 cm , Step Size = 0 cm , Speed = 1
Polarity: H + V
Turntable position: 35 - 305 deg , Step Size = 90 deg , Speed = 0
Scan Test Template: 01_FCC_MG_FELD_PK_FAST_H&V_EUT

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
9 kHz - 150 kHz	MaxPeak	200 Hz	0,01 s	ESCS 30
150 kHz - 30 MHz	MaxPeak	10 kHz	0,01 s	ESCS 30

Data Reduction:
Limit Line #1: FCC15.209_Magnetic_Field
Peak Search: 20 dB , Maximum Results: 10
Subrange Maxima: 10 Subranges , Maxima per Subrange: 1
Acceptance Offset: -10 dB
Maximum Number of Results: 20

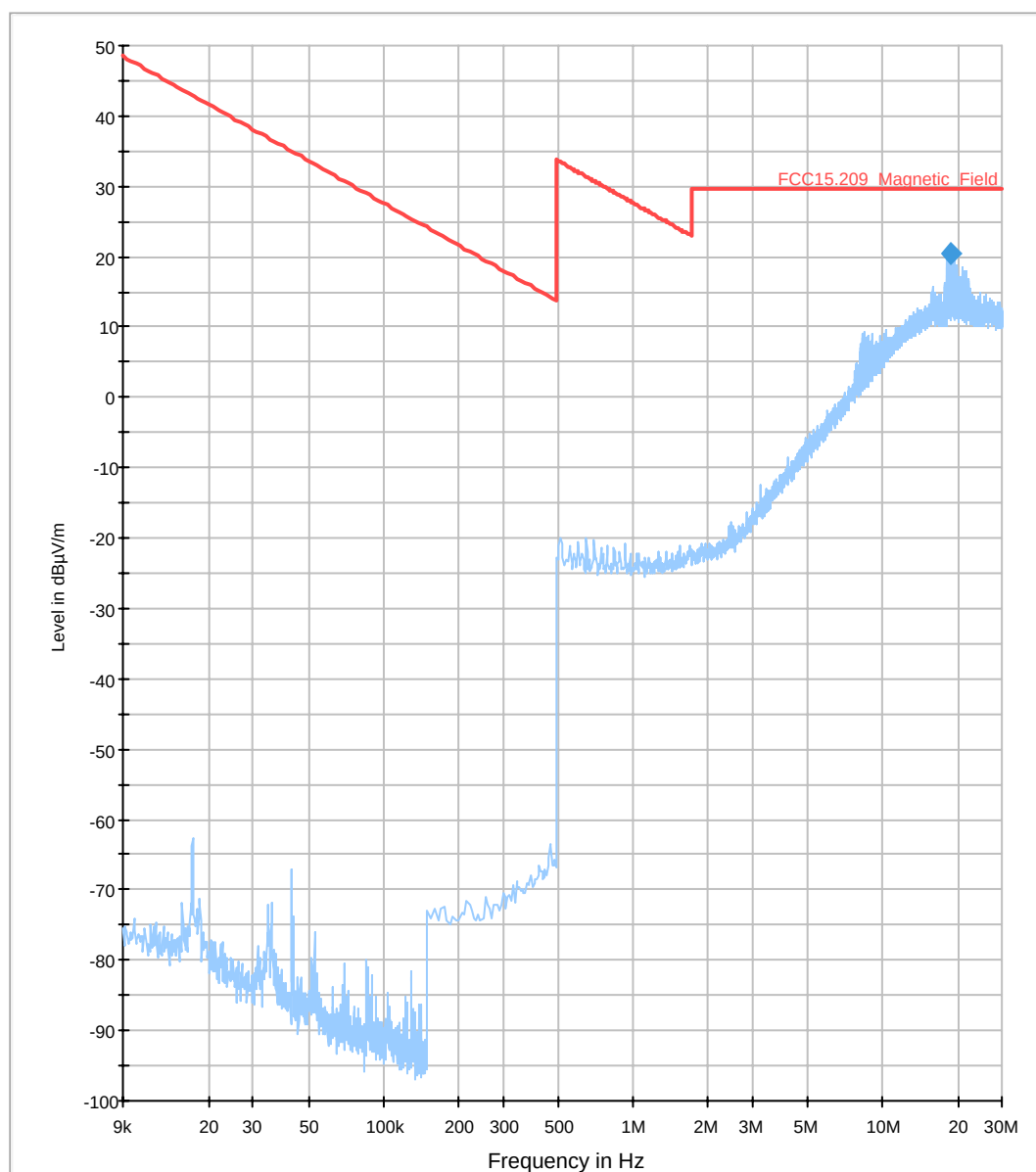
Report Settings:
Report Template: FCC15_209_magn_vert_hor
Create Electronic Report: PDF
Document Name: EMI Report

Diagram No. 3.04

Common Information

Test description:	Magnetic Fieldstrength Measurement related to 3 m distance
Test site and distance:	Semi Anechoic Room (SAR) with 3 m measurement distance
Measured sides of EUT:	front, right, rear, left
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Turntable step:	90° during pre-scan
Used filter:	bypass
Test specification.:	FCC 15.205 § 15.209
Operator:	MWa
Operating conditions:	TX-on
Comment 1:	Channel low

FCC15.209_magn hor+vert



EMI Auto Test Template: FCC15.209_magn hor+vert

Hardware Setup: HW25_FCC15109_ESCS_MgFeld_ohne_SAR_MATRIX
Measurement Type: Open-Area-Test-Site
Frequency Range: 9 kHz - 30 MHz
Graphics Level Range: -100 dB μ V/m - 50 dB μ V/m

Preview Measurements:
Antenna height: 0 - 1000 cm , Step Size = 0 cm , Speed = 1
Polarity: H + V
Turntable position: 35 - 305 deg , Step Size = 90 deg , Speed = 0
Scan Test Template: 01_FCC_MG_FELD_PK_FAST_H&V_EUT

Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
9 kHz - 150 kHz	MaxPeak	200 Hz	0,01 s	ESCS 30
150 kHz - 30 MHz	MaxPeak	10 kHz	0,01 s	ESCS 30

Data Reduction:
Limit Line #1: FCC15.209_Magnetic_Field
Peak Search: 20 dB , Maximum Results: 10
Subrange Maxima: 10 Subranges , Maxima per Subrange: 1
Acceptance Offset: -10 dB
Maximum Number of Results: 20

Report Settings:
Report Template: FCC15_209_magn_vert_hor
Create Electronic Report: PDF
Document Name: EMI Report

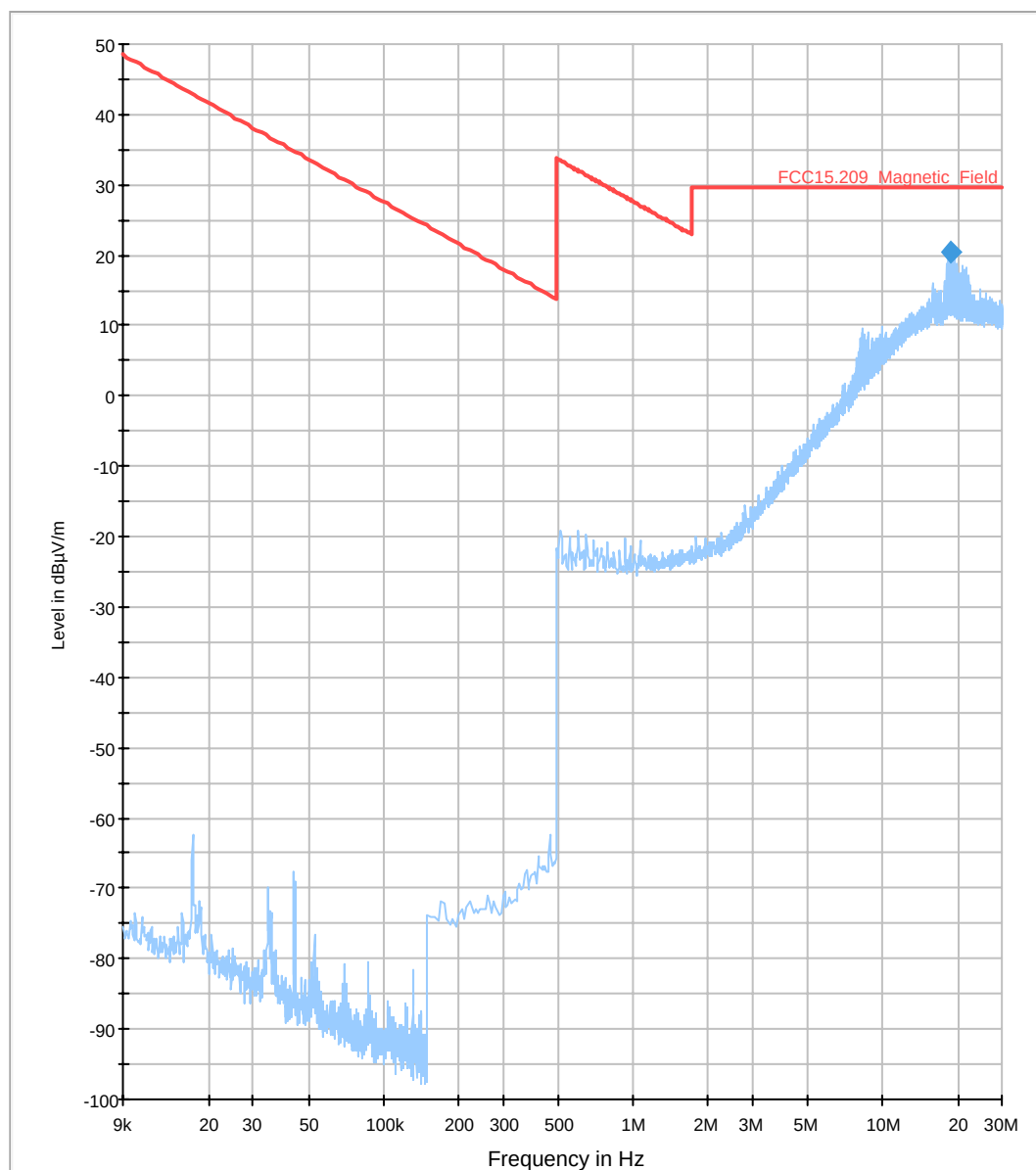
Diagram No. 3.05

Common Information

Test description:	Magnetic Fieldstrength Measurement related to 3 m distance
Test site and distance:	Semi Anechoic Room (SAR) with 3 m measurement distance
Measured sides of EUT:	front, right, rear, left
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Turntable step:	90° during pre-scan
Used filter:	bypass
Test specification.:	FCC 15.205 § 15.209

Operator:	MWa
Operating conditions:	TX-on GSM 1900 TCH
Comment 1:	Channel middle

FCC15.209_magn hor+vert



EMI Auto Test Template: FCC15.209_magn hor+vert

Hardware Setup: HW25_FCC15109_ESCS_MgFeld_ohne_SAR_MATRIX
Measurement Type: Open-Area-Test-Site
Frequency Range: 9 kHz - 30 MHz
Graphics Level Range: -100 dB μ V/m - 50 dB μ V/m

Preview Measurements:
Antenna height: 0 - 1000 cm , Step Size = 0 cm , Speed = 1
Polarity: H + V
Turntable position: 35 - 305 deg , Step Size = 90 deg , Speed = 0
Scan Test Template: 01_FCC_MG_FELD_PK_FAST_H&V_EUT

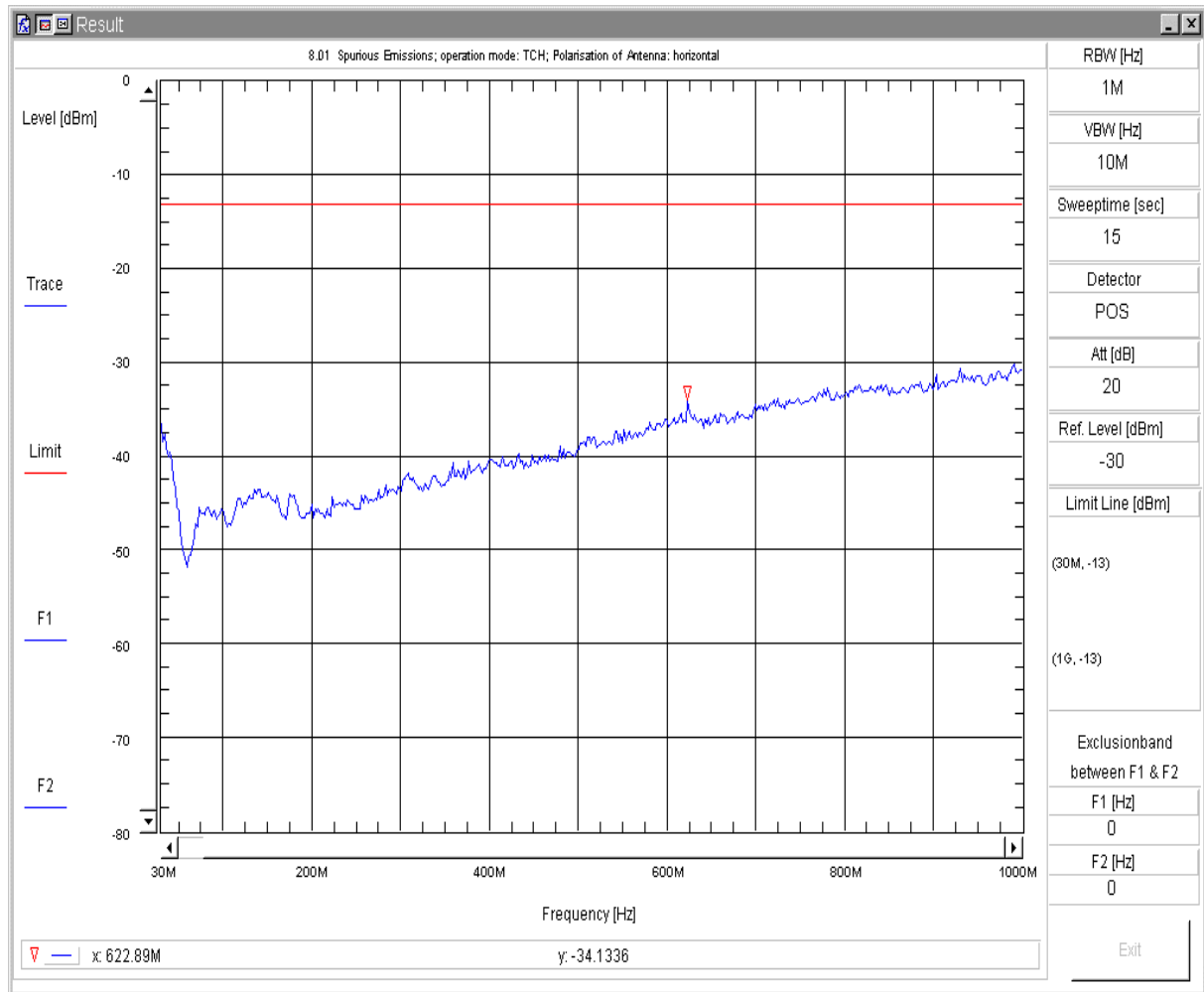
Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
9 kHz - 150 kHz	MaxPeak	200 Hz	0,01 s	ESCS 30
150 kHz - 30 MHz	MaxPeak	10 kHz	0,01 s	ESCS 30

Data Reduction:
Limit Line #1: FCC15.209_Magnetic_Field
Peak Search: 20 dB , Maximum Results: 10
Subrange Maxima: 10 Subranges , Maxima per Subrange: 1
Acceptance Offset: -10 dB
Maximum Number of Results: 20

Report Settings:
Report Template: FCC15_209_magn_vert_hor
Create Electronic Report: PDF
Document Name: EMI Report

1.5. Spurious emissions radiated ($f > 30\text{MHz}$)

GSM 1900 mode

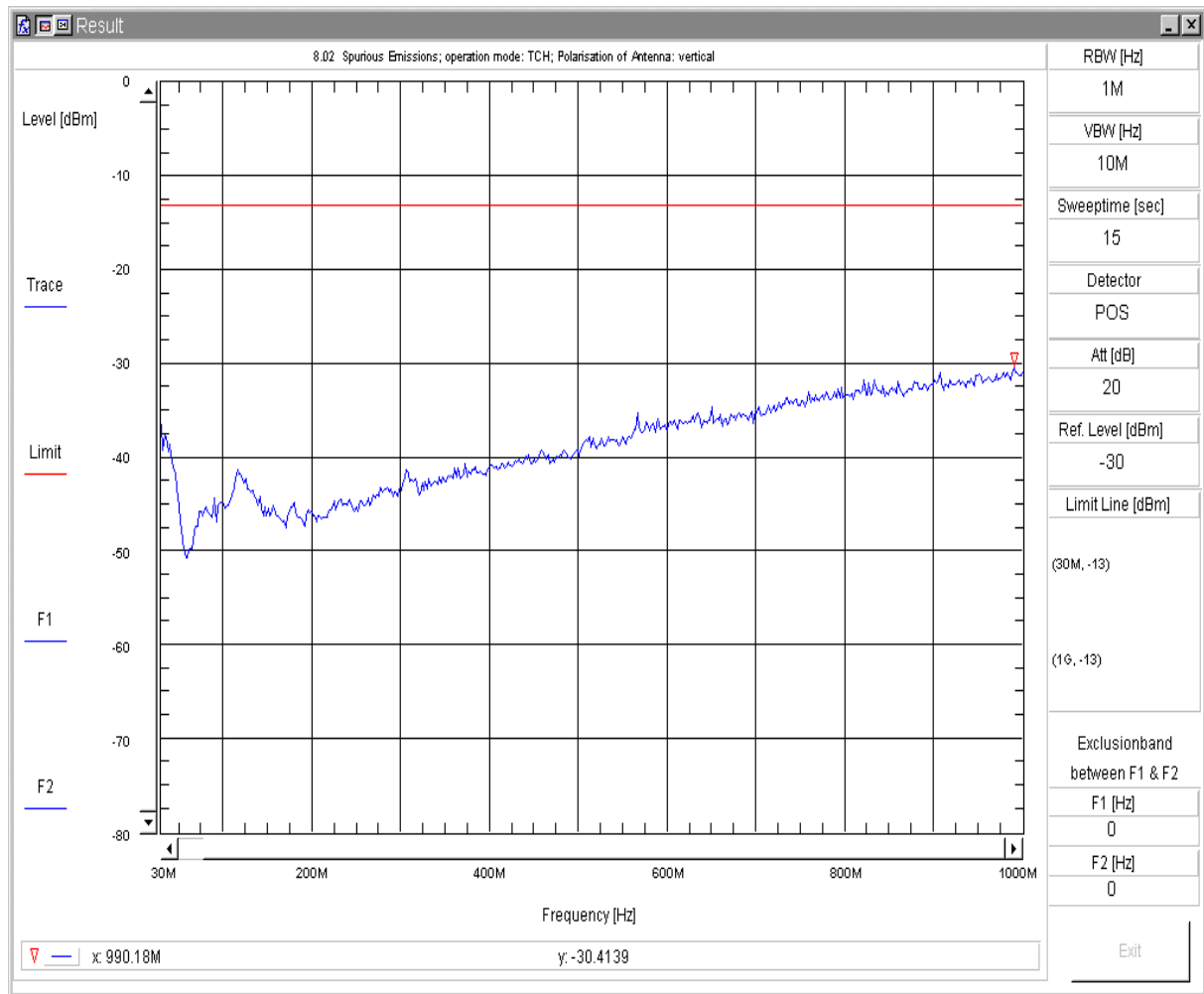


8.01 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 17:03:55ppp

Spurious Emissions V7.1.1

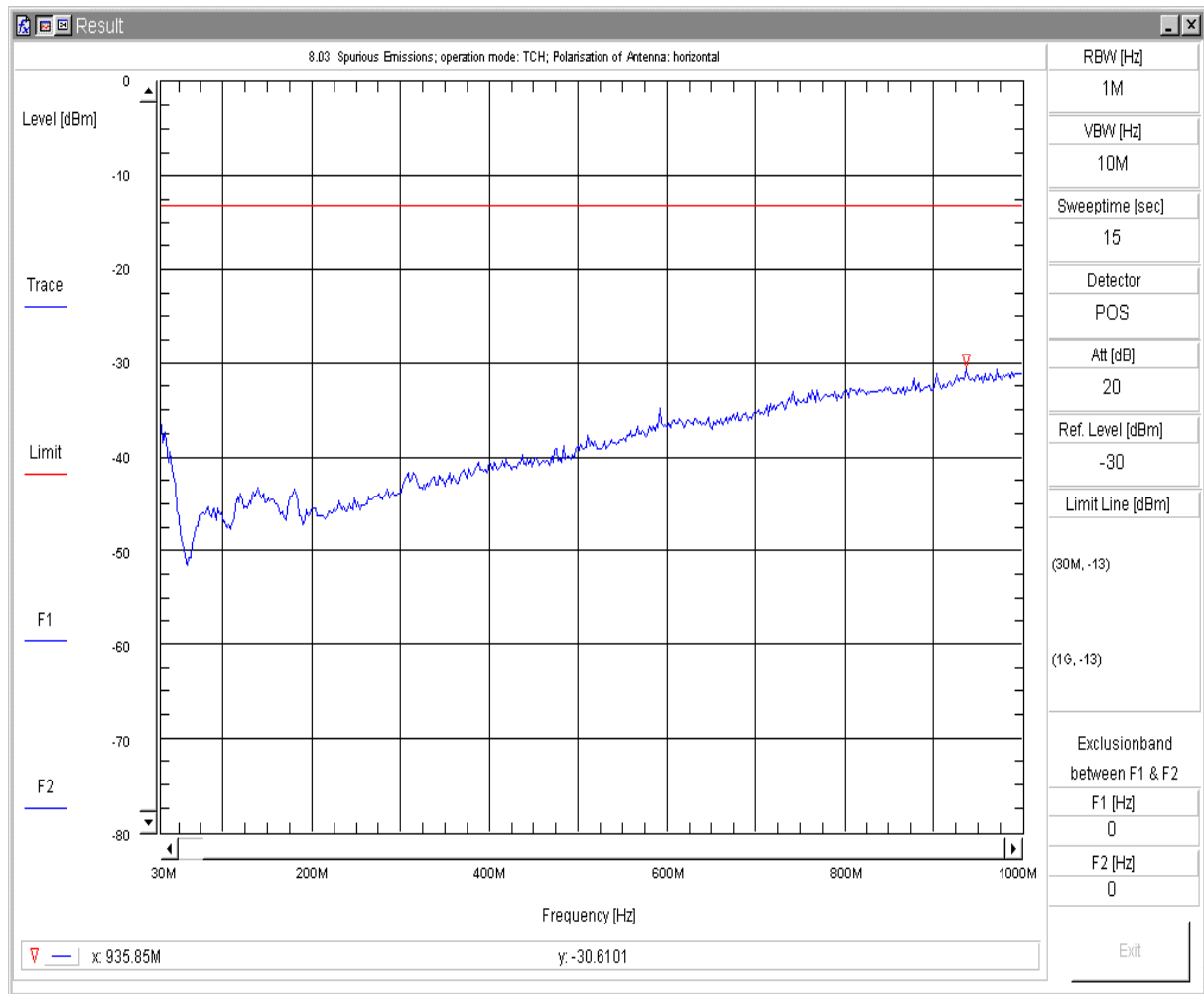


8.02 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep1
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 17:23:13ppf

Spurious Emissions V7.1.1

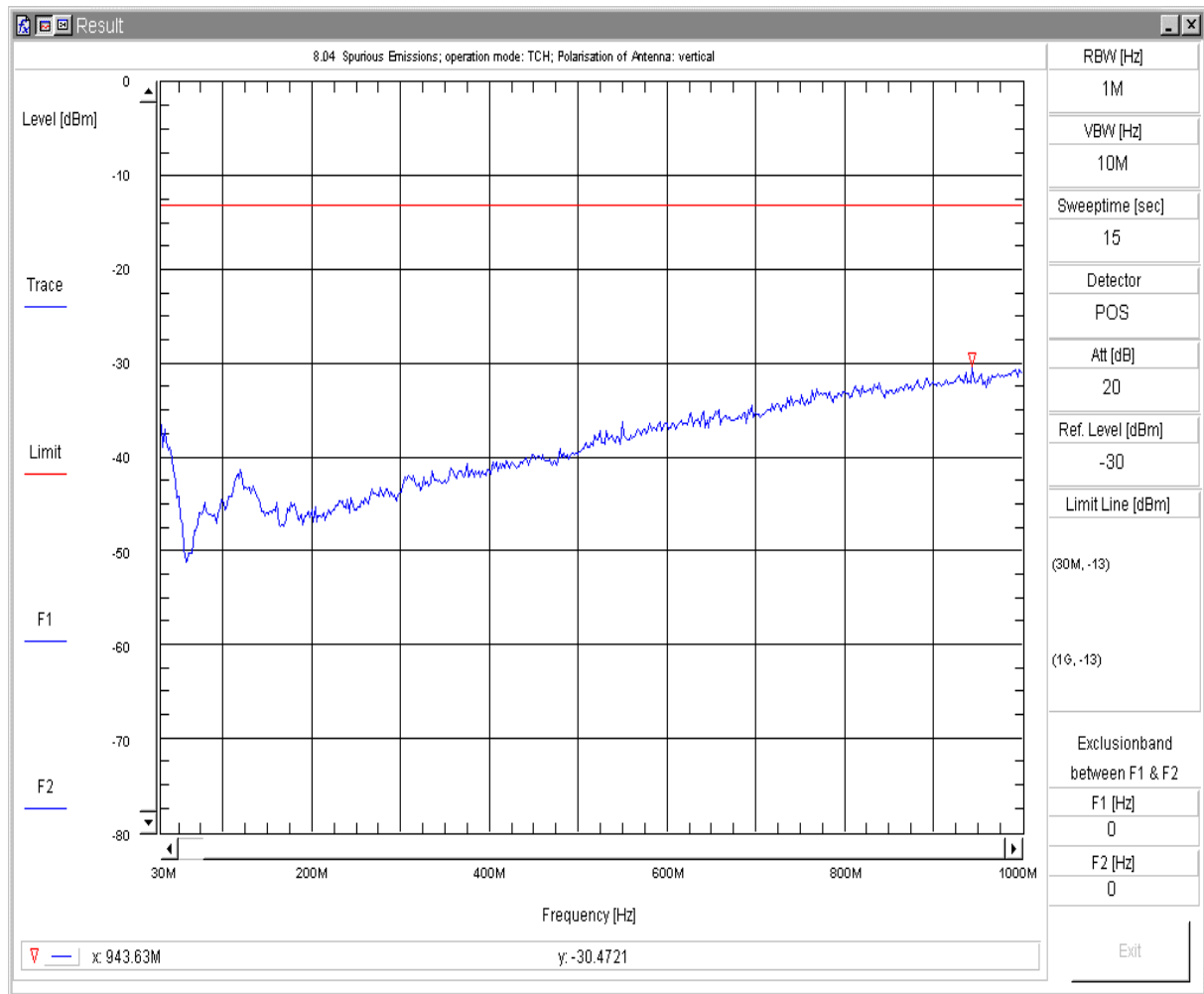


8.03 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 17:31:06ppp

Spurious Emissions V7.1.1

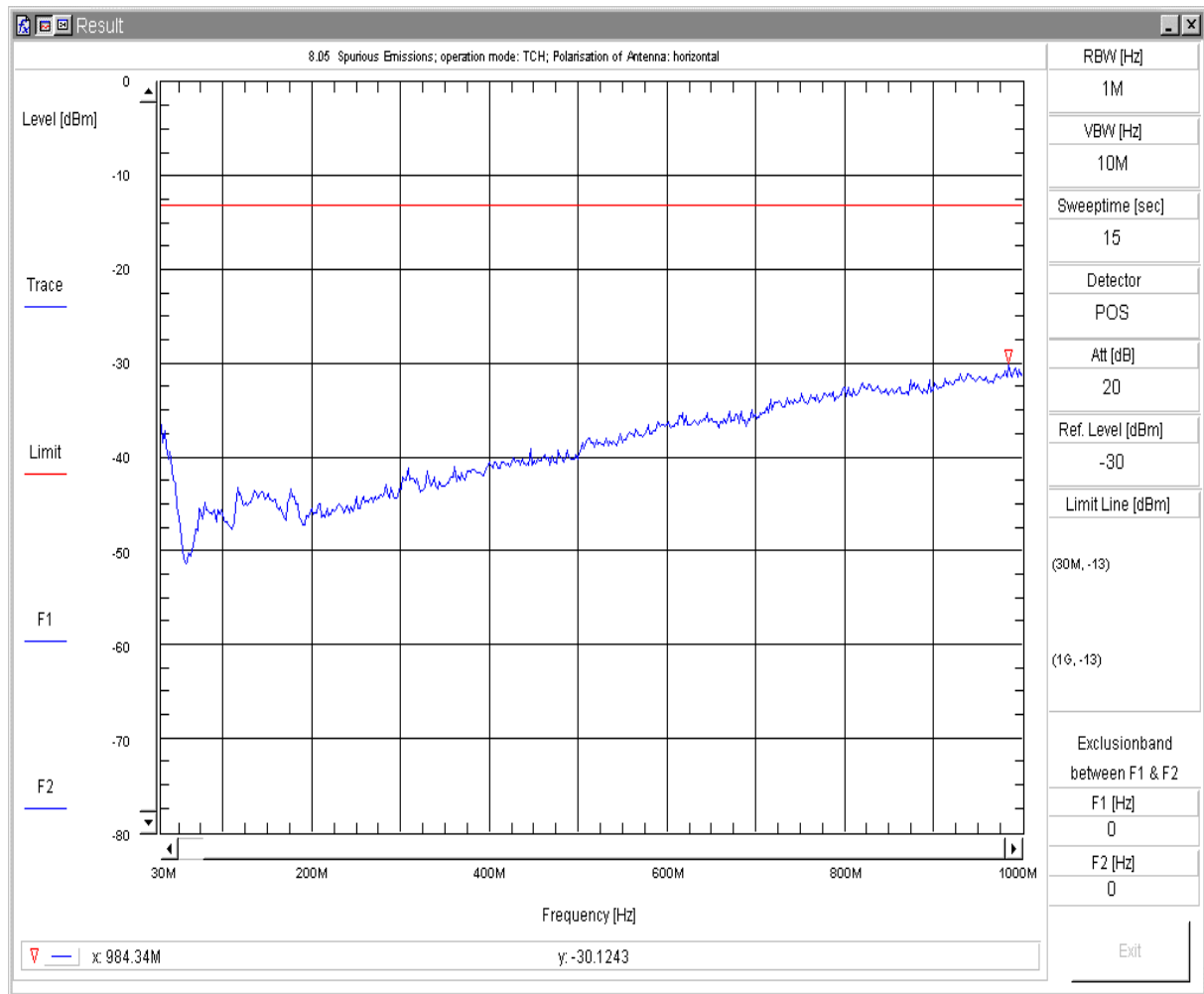


8.04 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep1
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 17:34:54ppf

Spurious Emissions V7.1.1

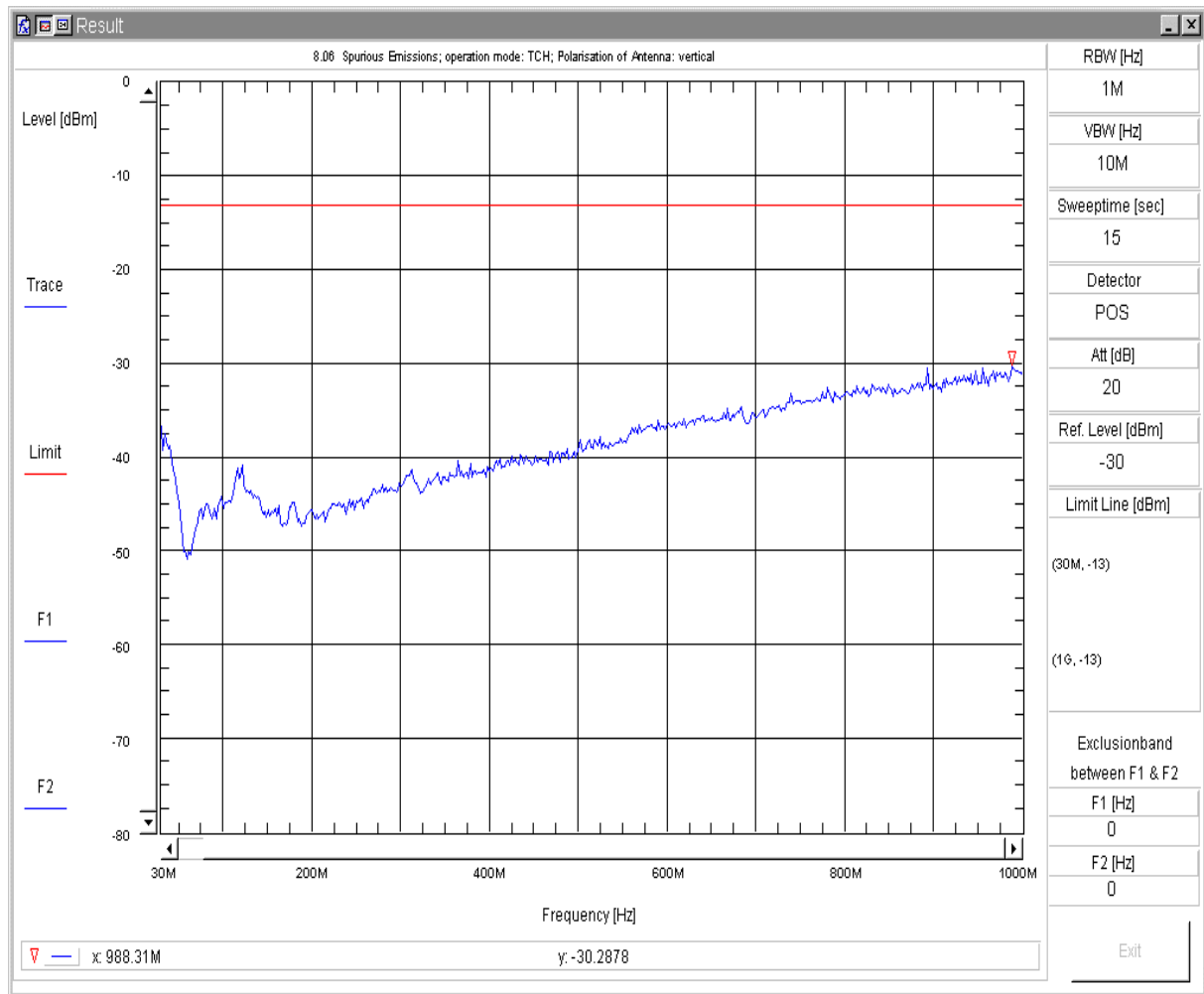


8.05 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 17:39:10ppp

Spurious Emissions V7.1.1

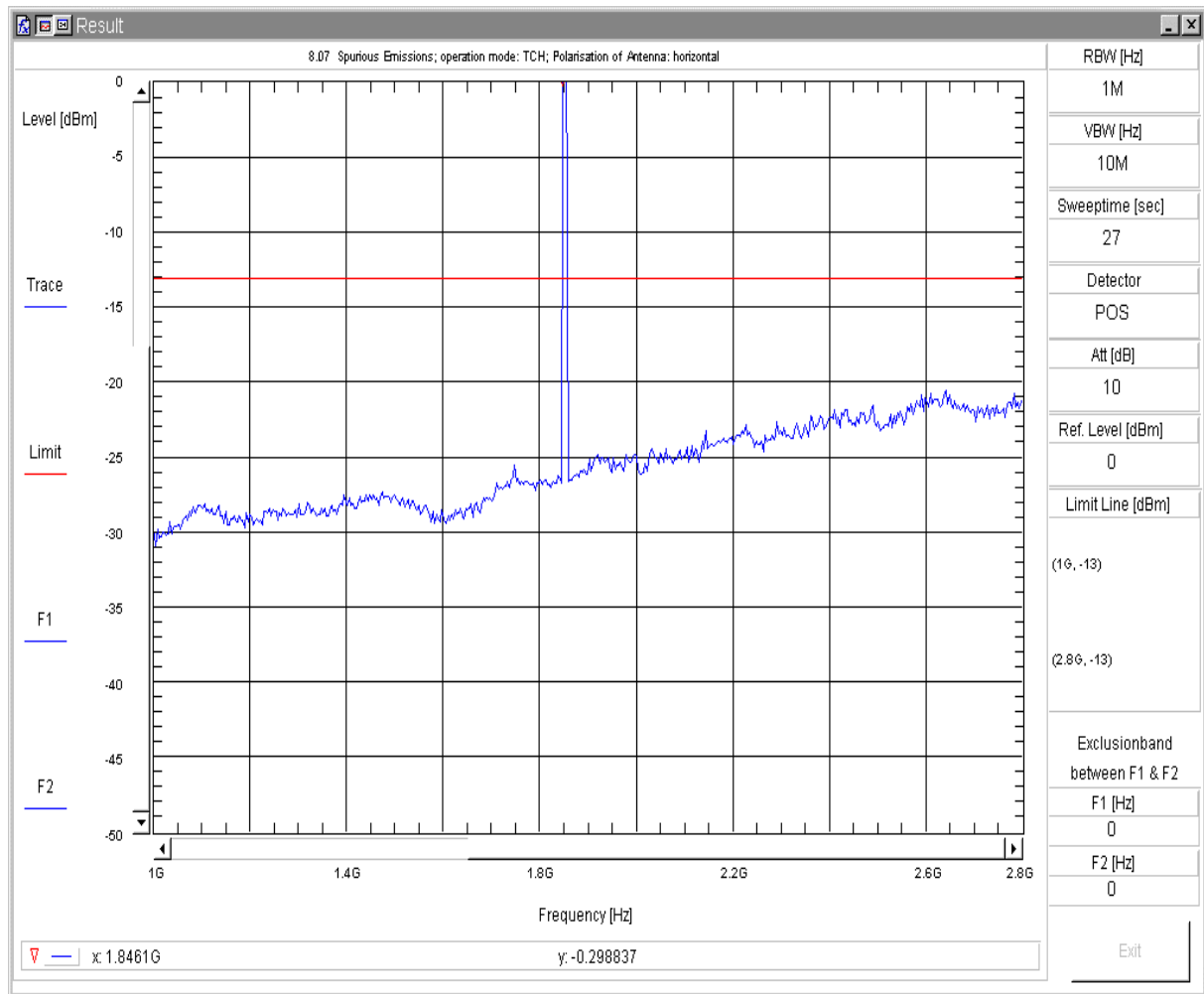


8.06 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep1
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 17:44:13ppf

Spurious Emissions V7.1.1

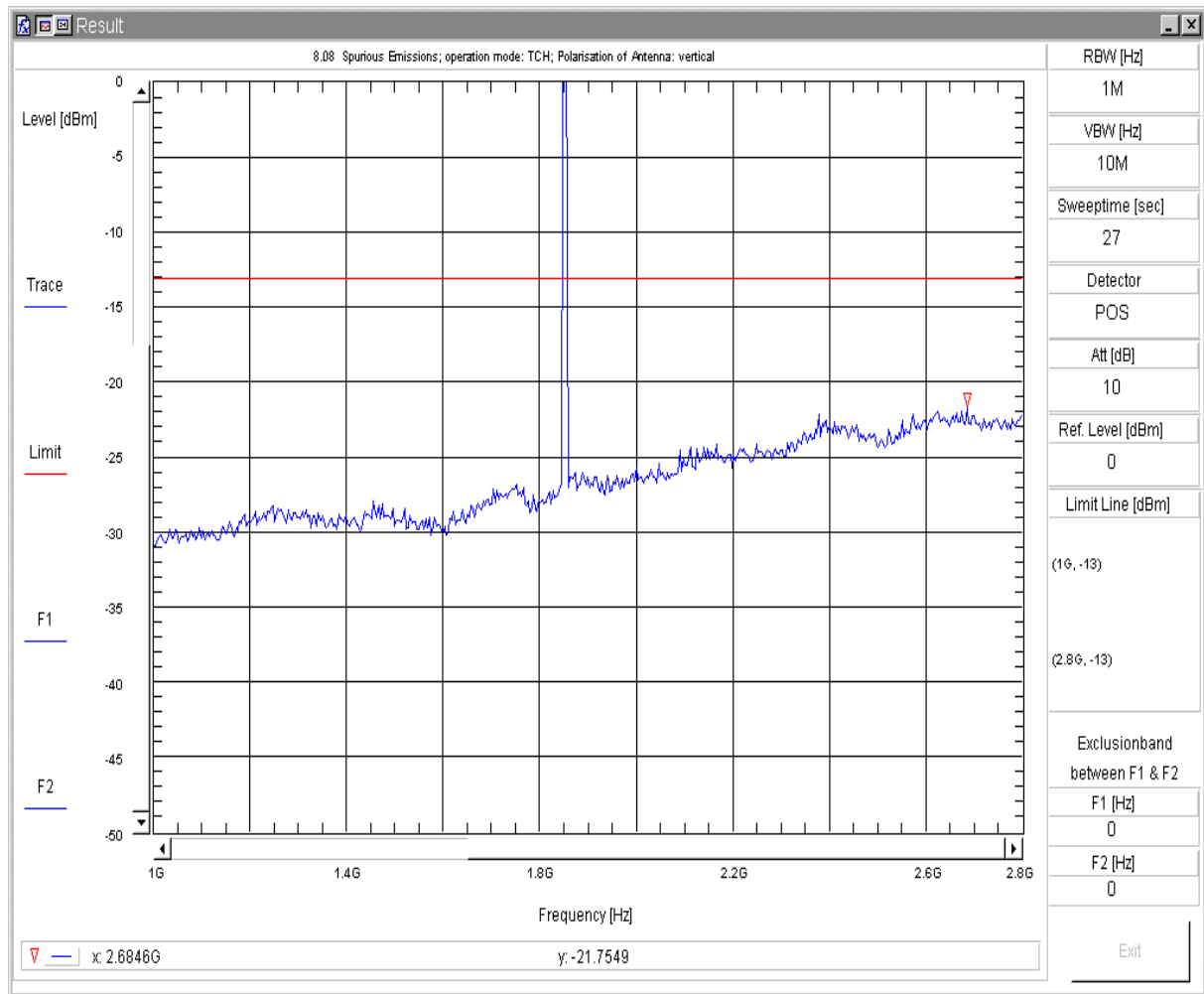


8.07 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep2
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 17:50:37pp

Spurious Emissions V7.1.1

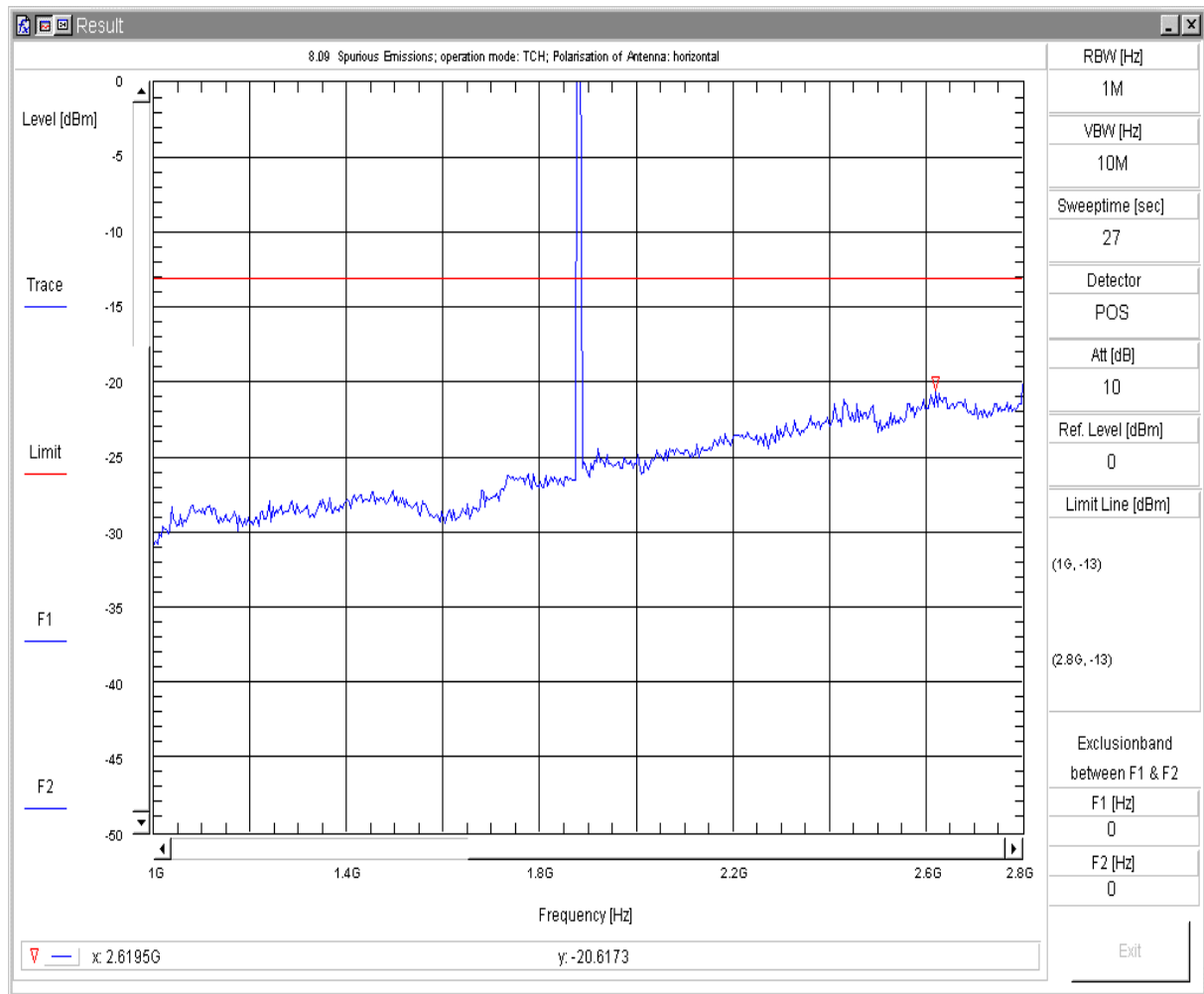


8.08 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep2
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 18:01:58pp

Spurious Emissions V7.1.1

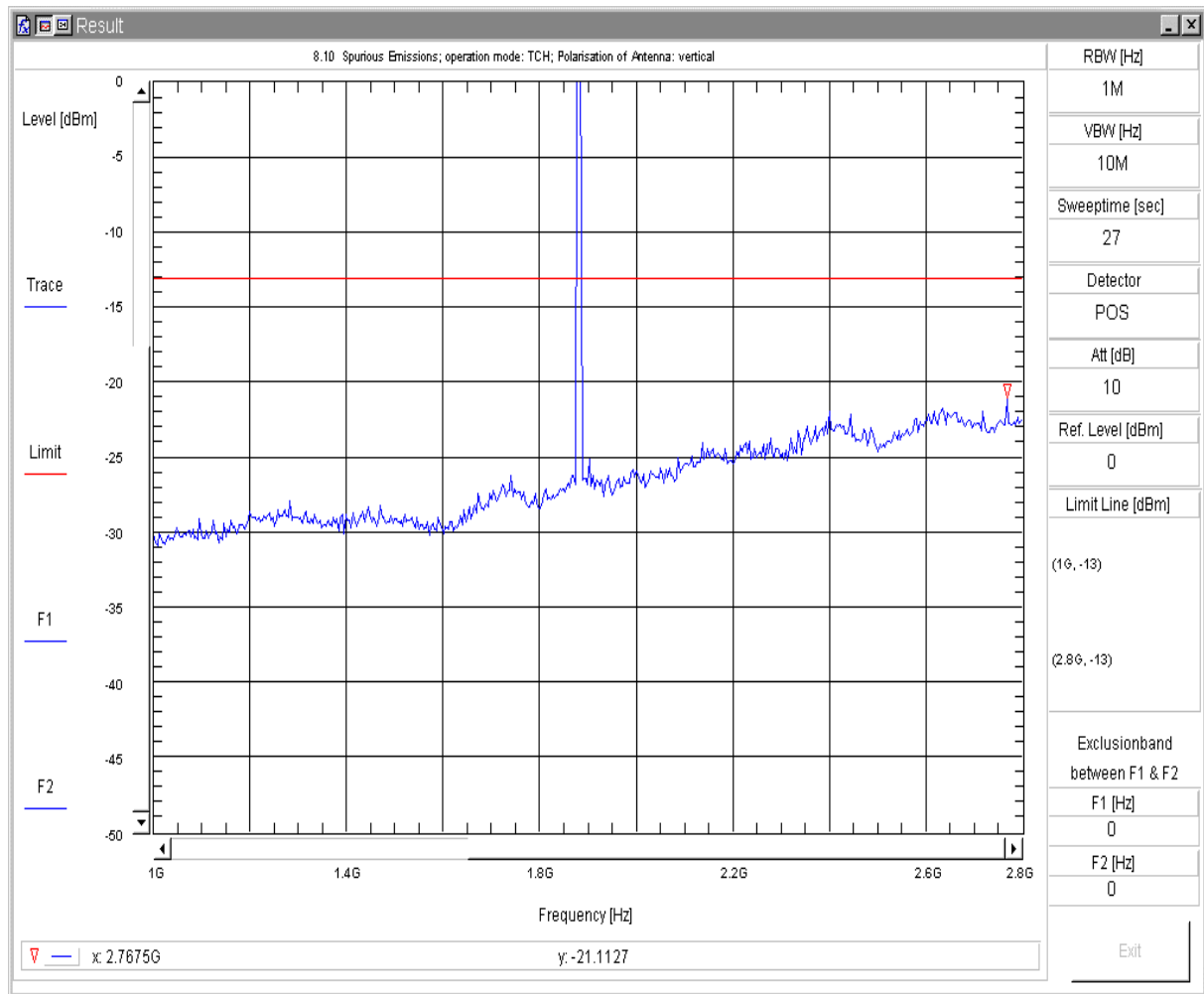


8.09 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep2
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 18:17:55pp

Spurious Emissions V7.1.1

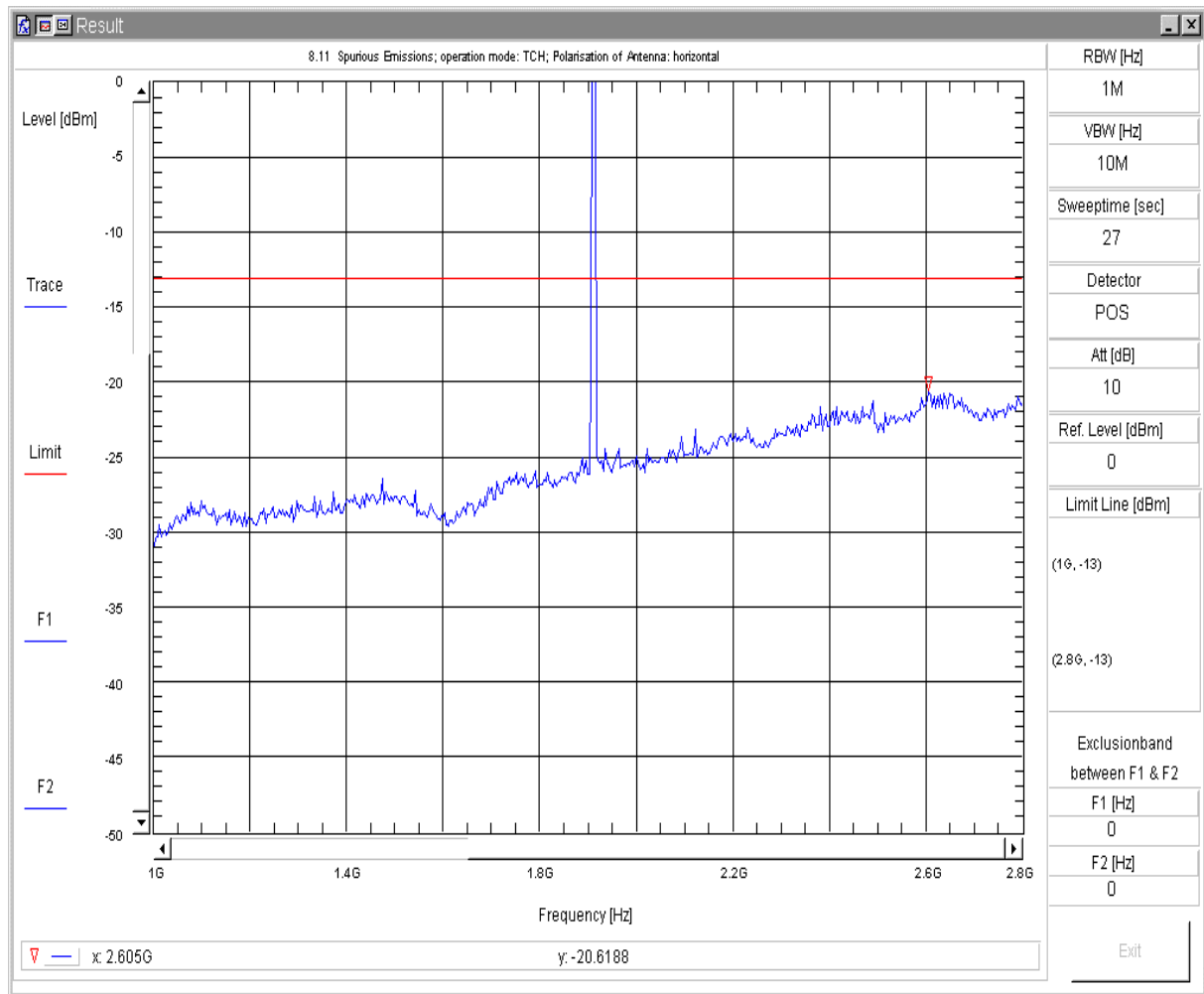


8.10 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep2
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 18:32:46pp

Spurious Emissions V7.1.1

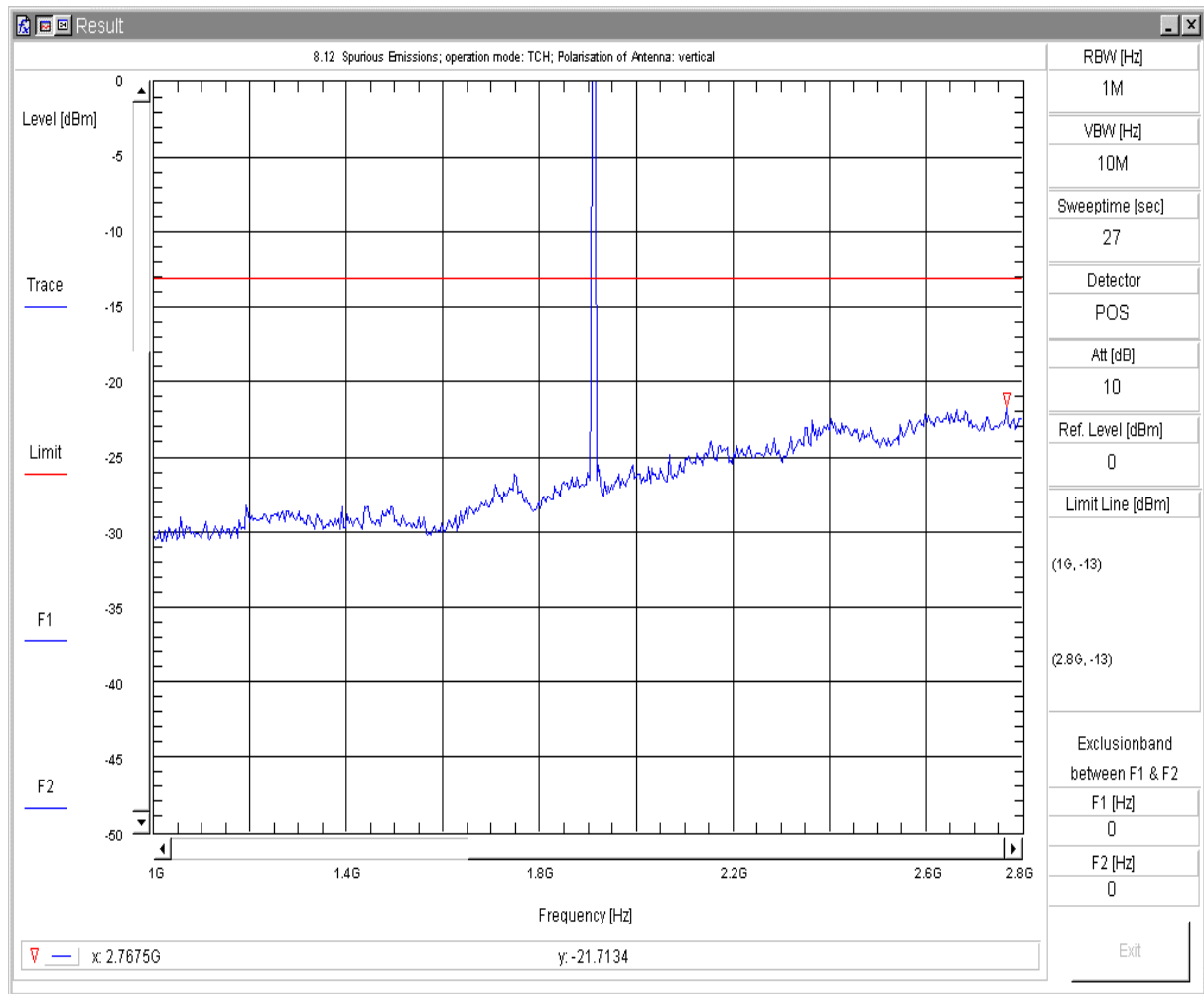


8.11 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep2
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 18:42:06pp

Spurious Emissions V7.1.1

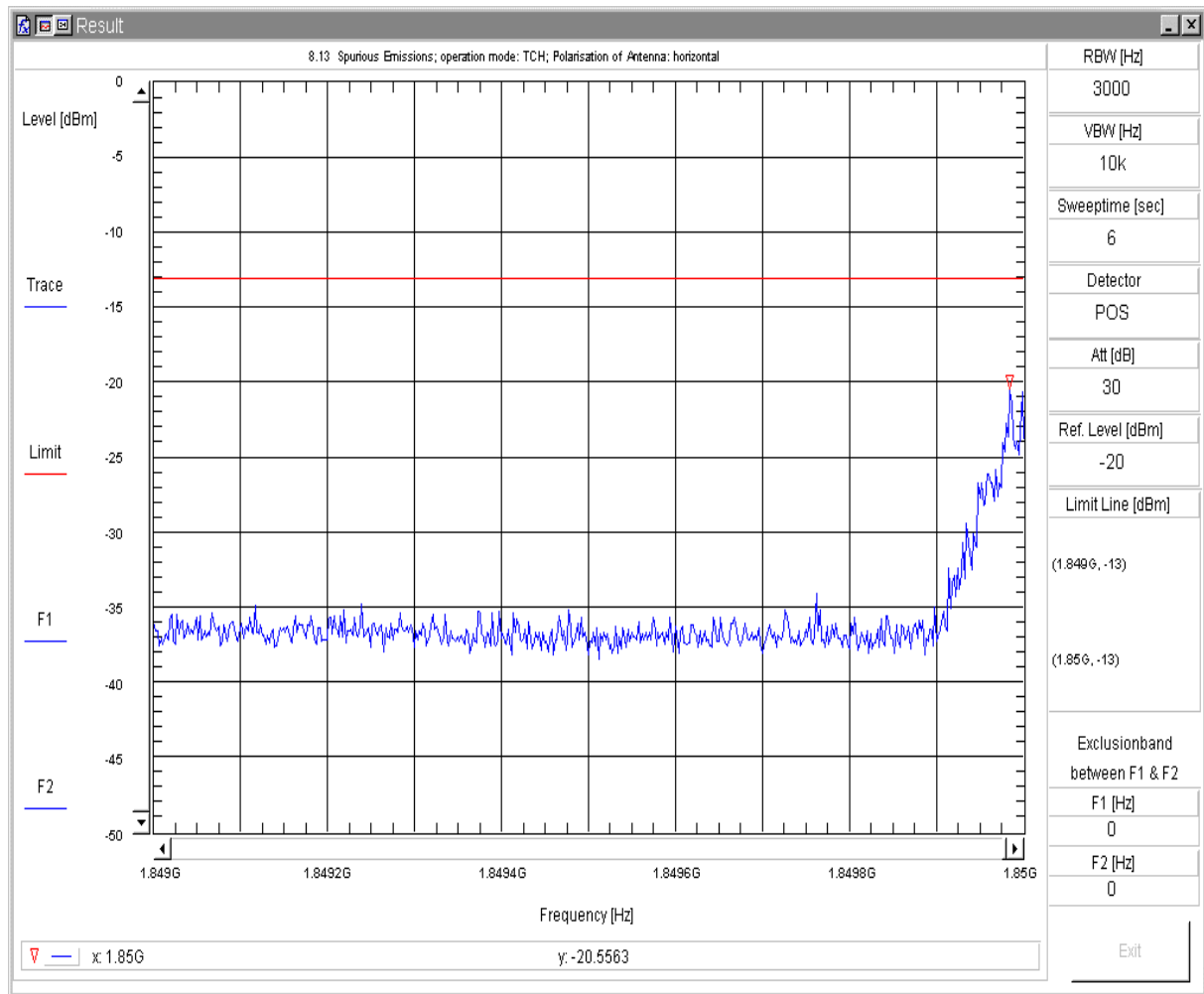


8.12 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep2
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Real Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 18:51:15pp

Spurious Emissions V7.1.1

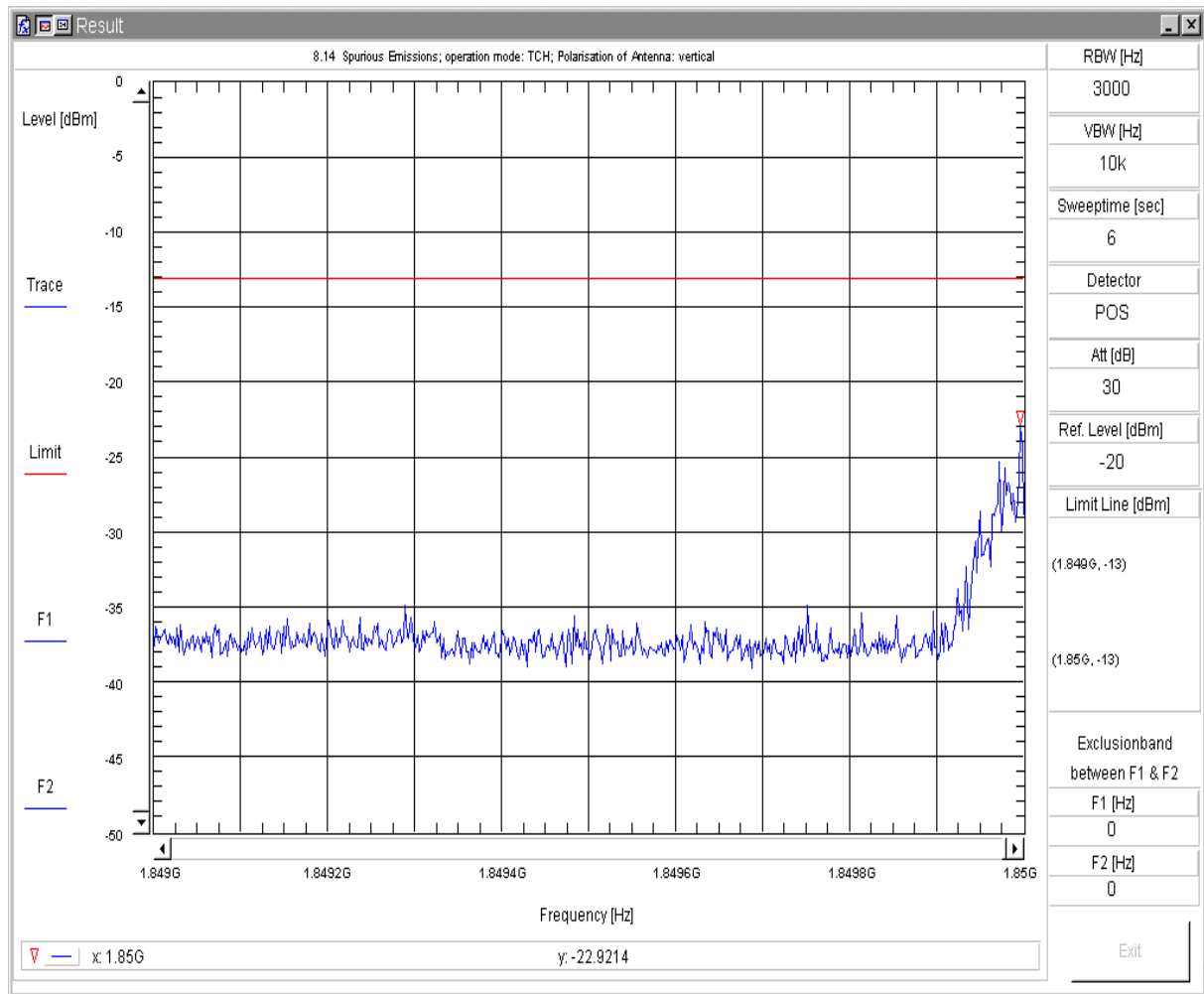


8.13 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep3
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 19:24:26pp

Spurious Emissions V7.1.1

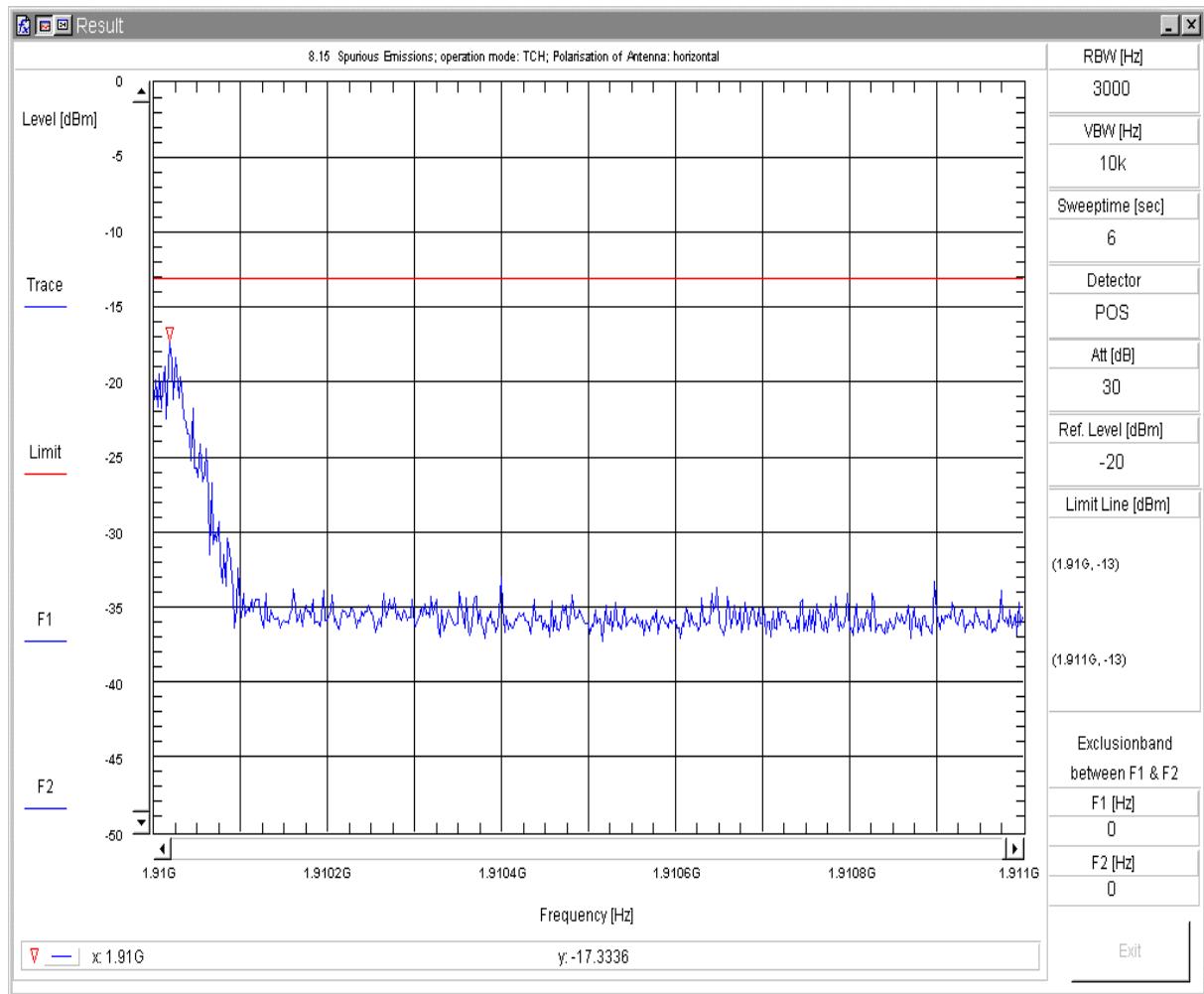


8.14 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep3
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 19:29:03pp

Spurious Emissions V7.1.1

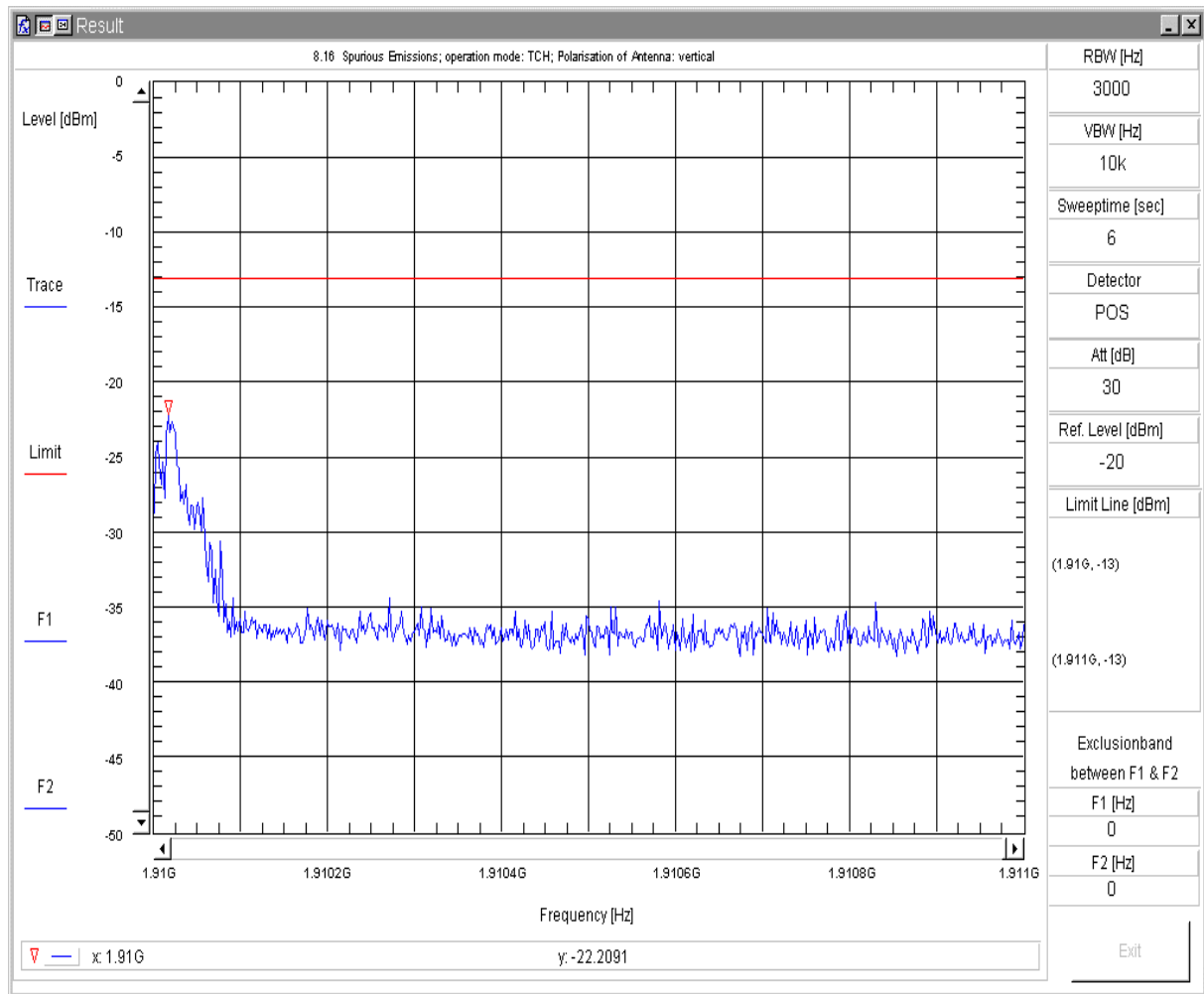


8.15 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep4
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 19:34:51pp

Spurious Emissions V7.1.1

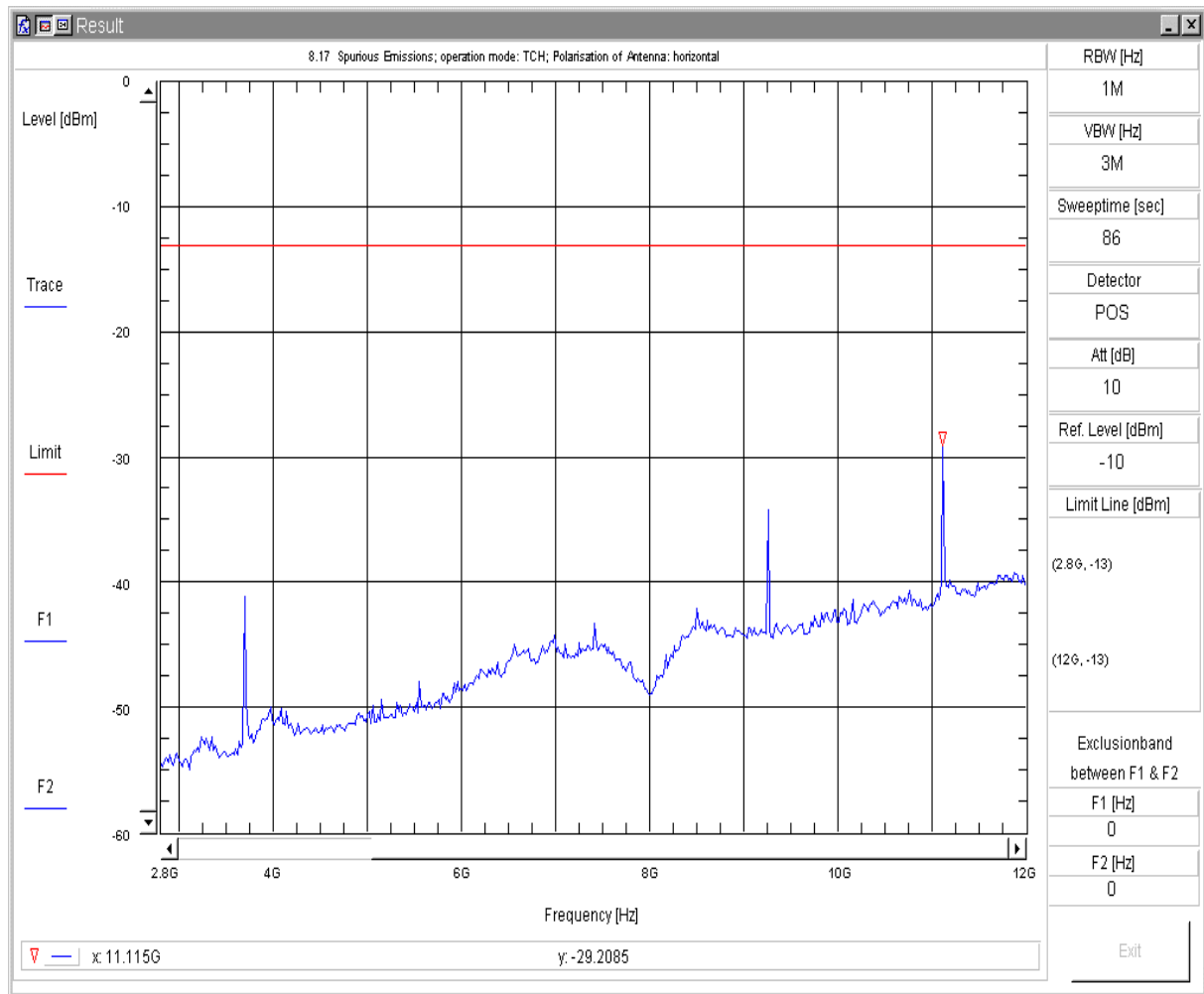


8.16 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep4
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 19:41:12pp

Spurious Emissions V7.1.1

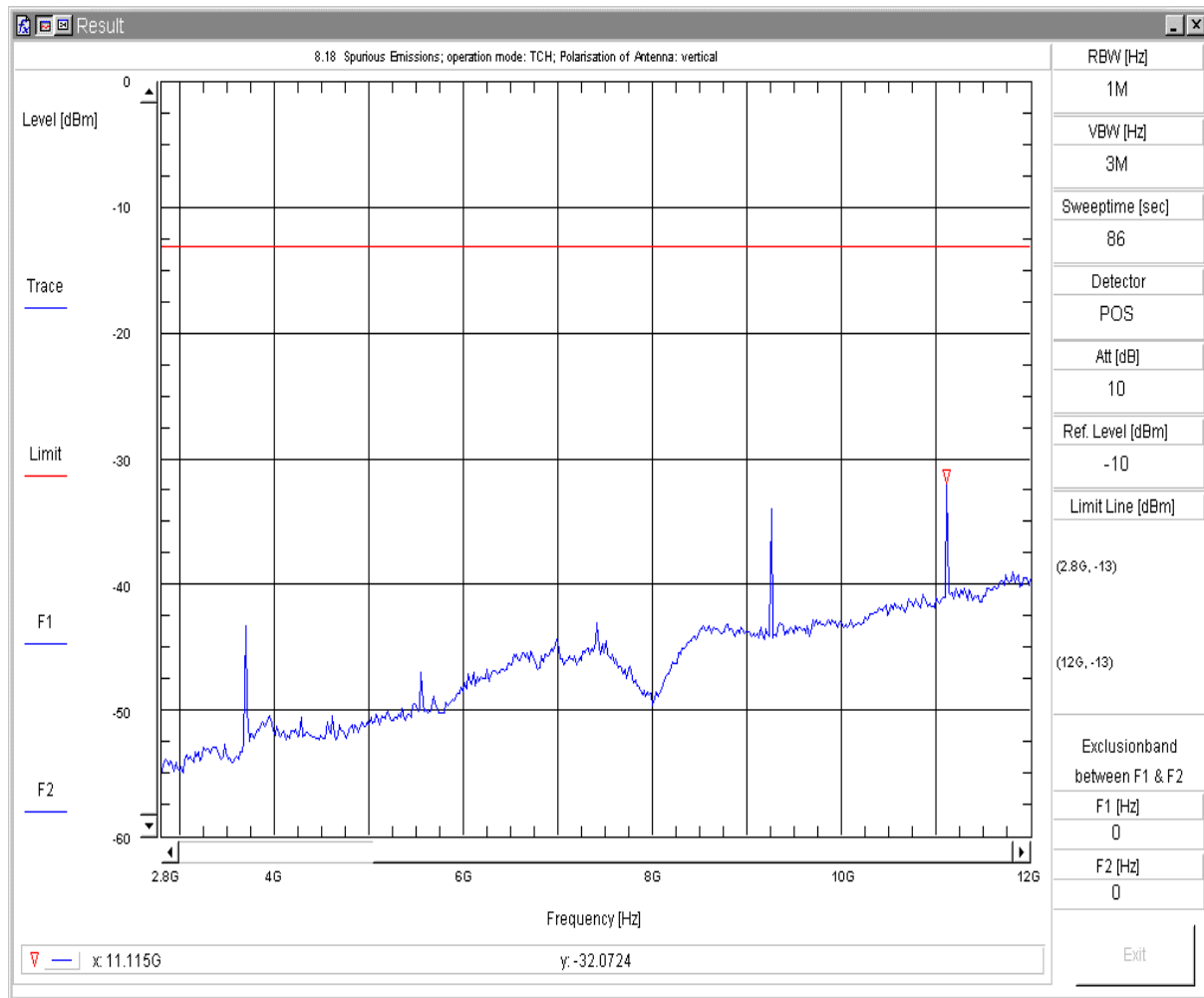


8.17 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep5
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 19:53:49fp

Spurious Emissions V7.1.1

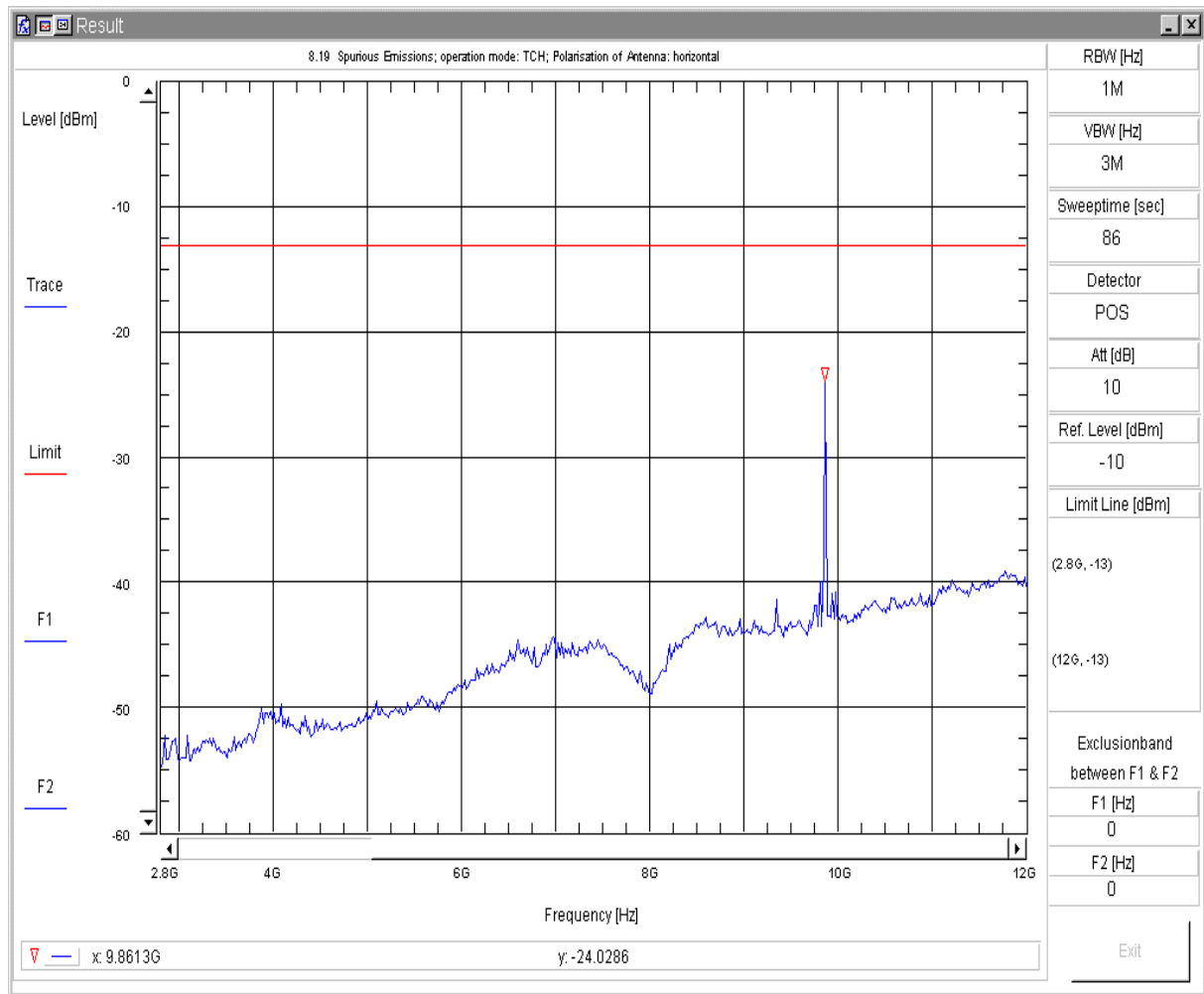


8.18 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep5
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 20:21:25fp

Spurious Emissions V7.1.1

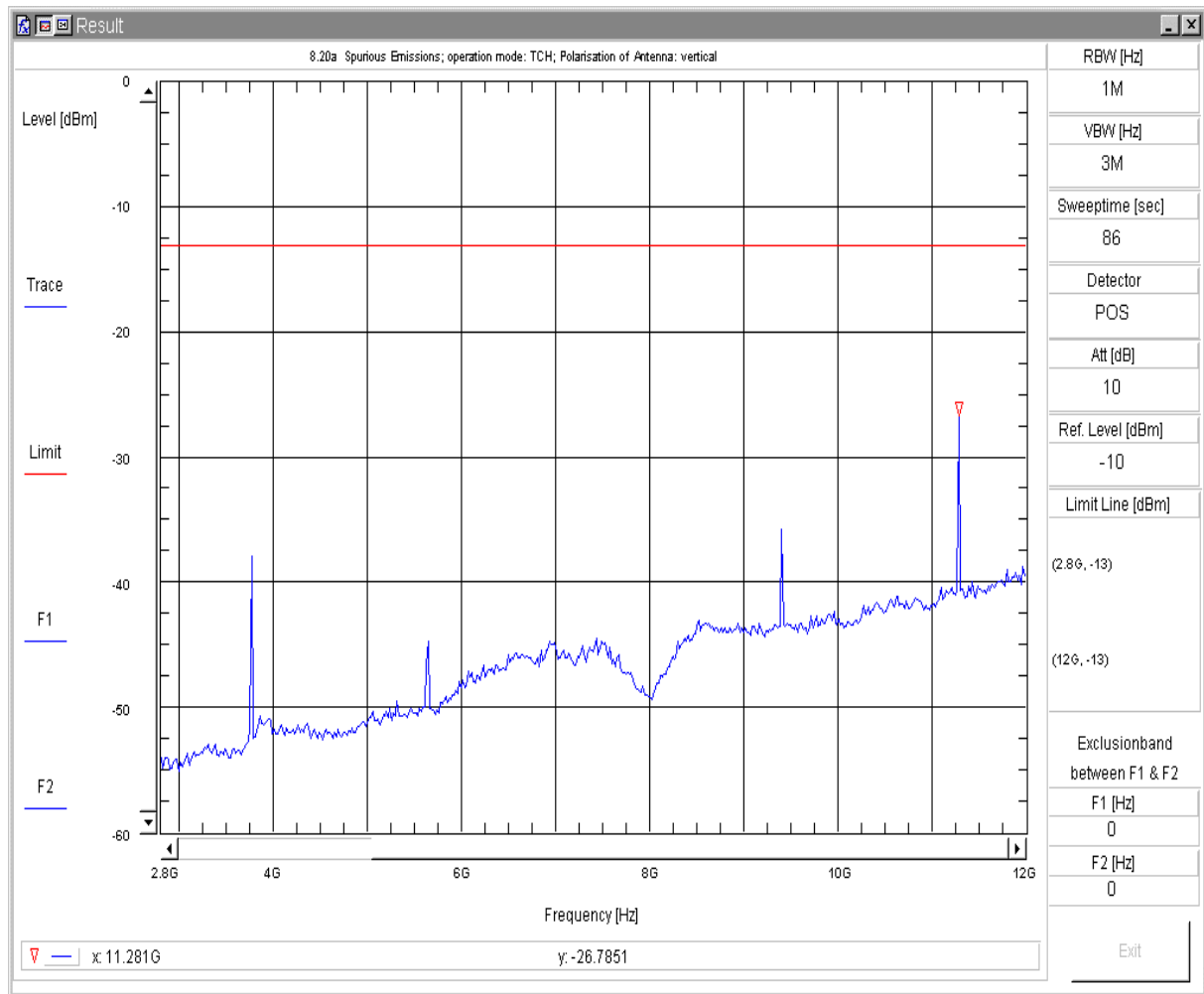


8.19 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep5
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 20:52:18fp

Spurious Emissions V7.1.1

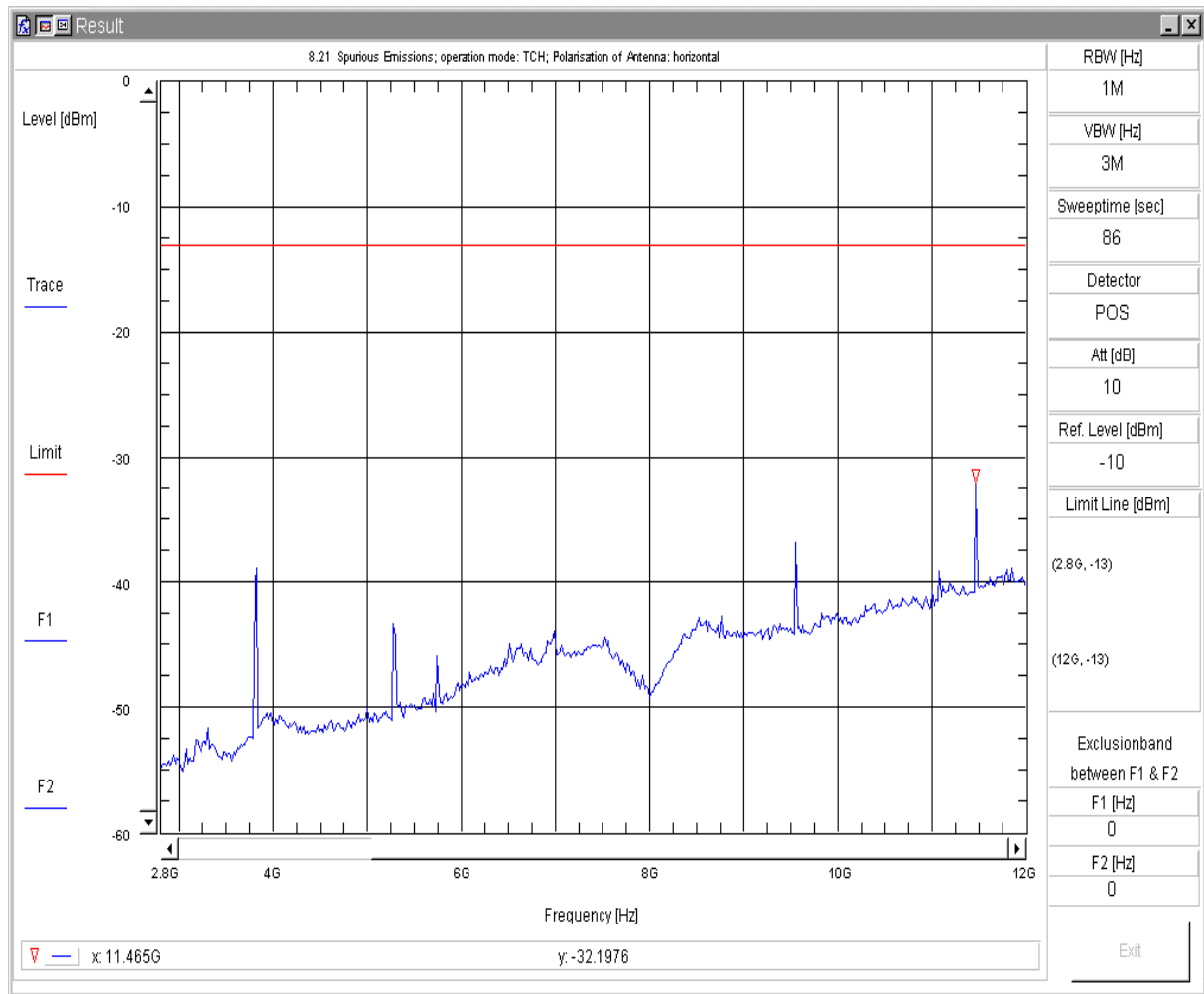


8.20a Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep5
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 20:21:56fp

Spurious Emissions V7.1.1

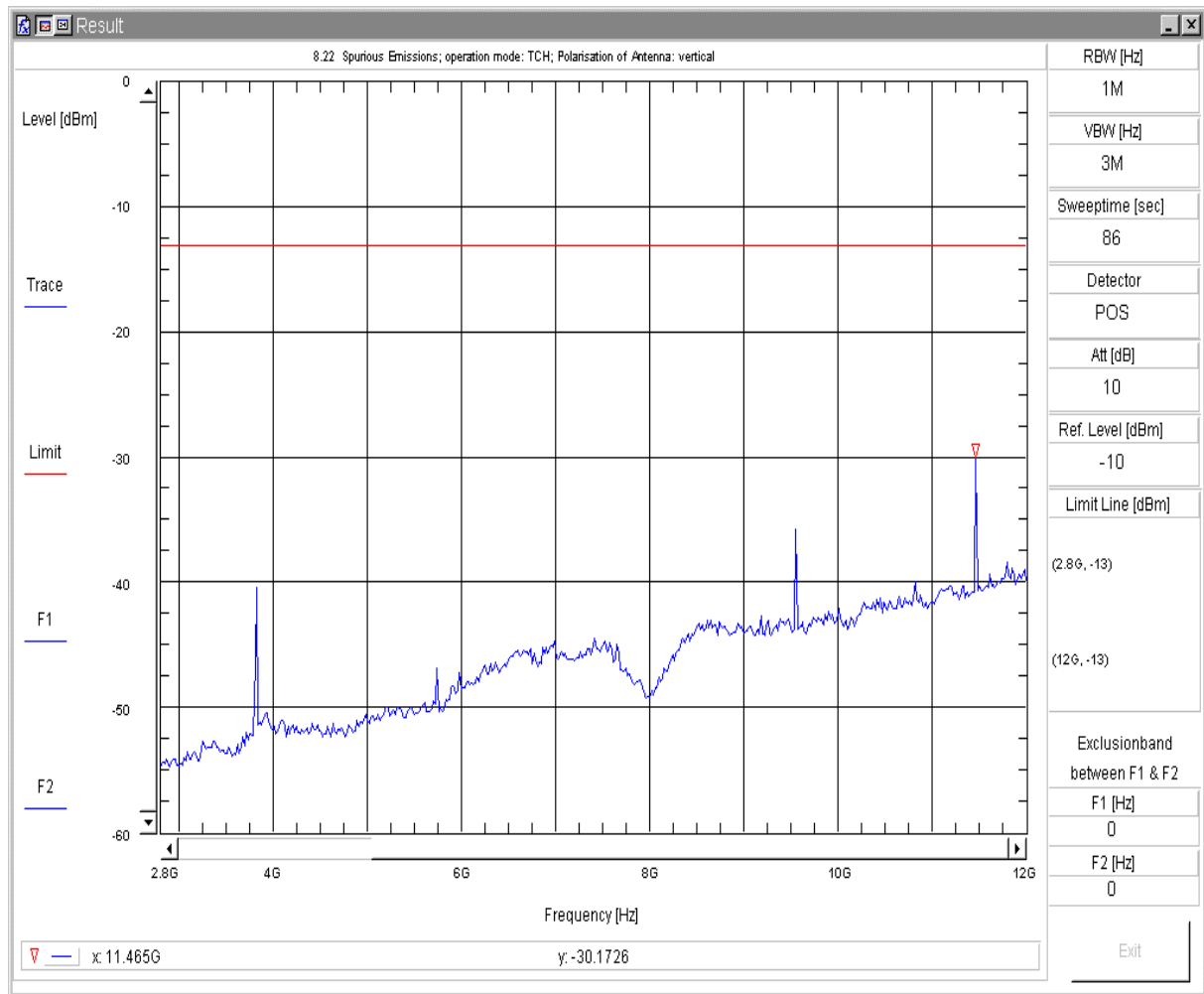


8.21 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_H
 Sweepnr: Sweep5
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Thu 08/Jan/2009 21:54:42fp

Spurious Emissions V7.1.1

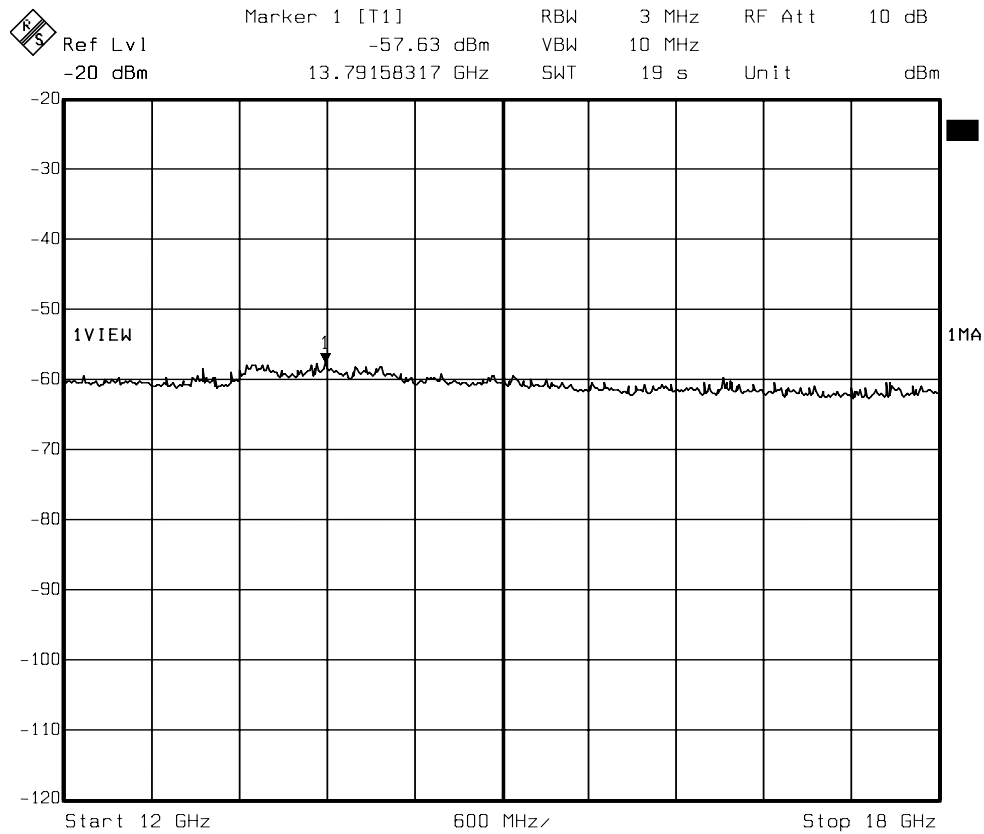


8.22 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part24_1900\TD_TX_V
 Sweepnr: Sweep5
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part24_1900 TCH
 EUT Description: TM5-J01
 EUT Hardware:
 EUT Software:
 EUT Config:
 EUT S/N: 359238020000371
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

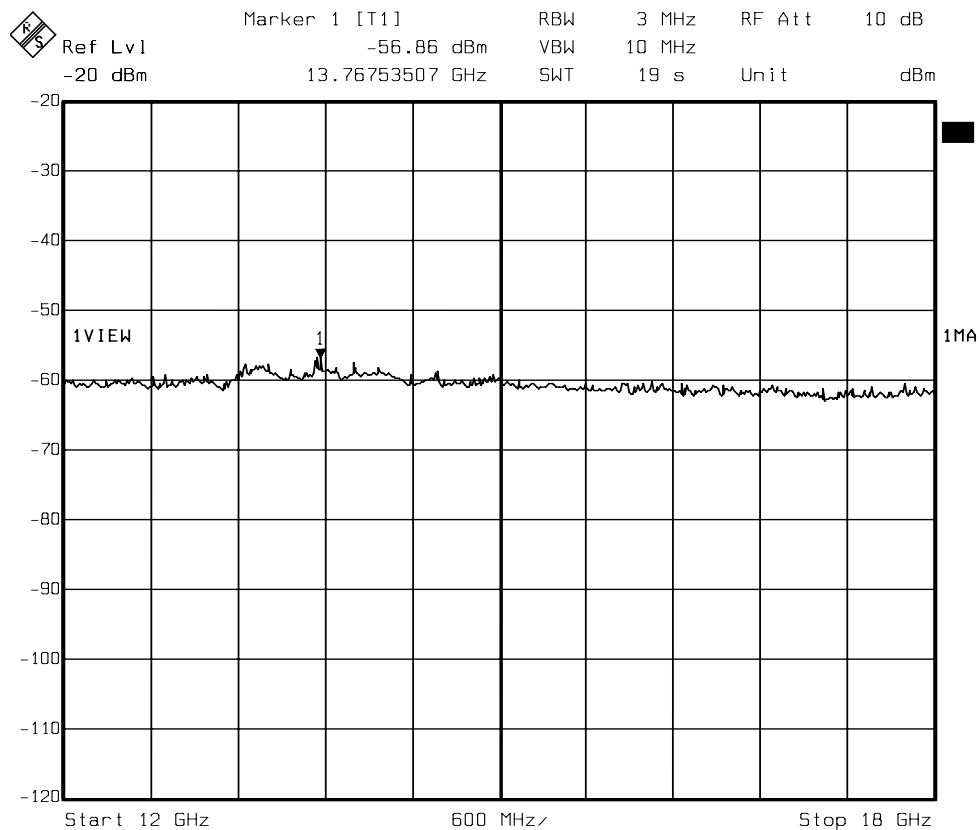
Thu 08/Jan/2009 22:25:07fp

Spurious Emissions V7.1.1



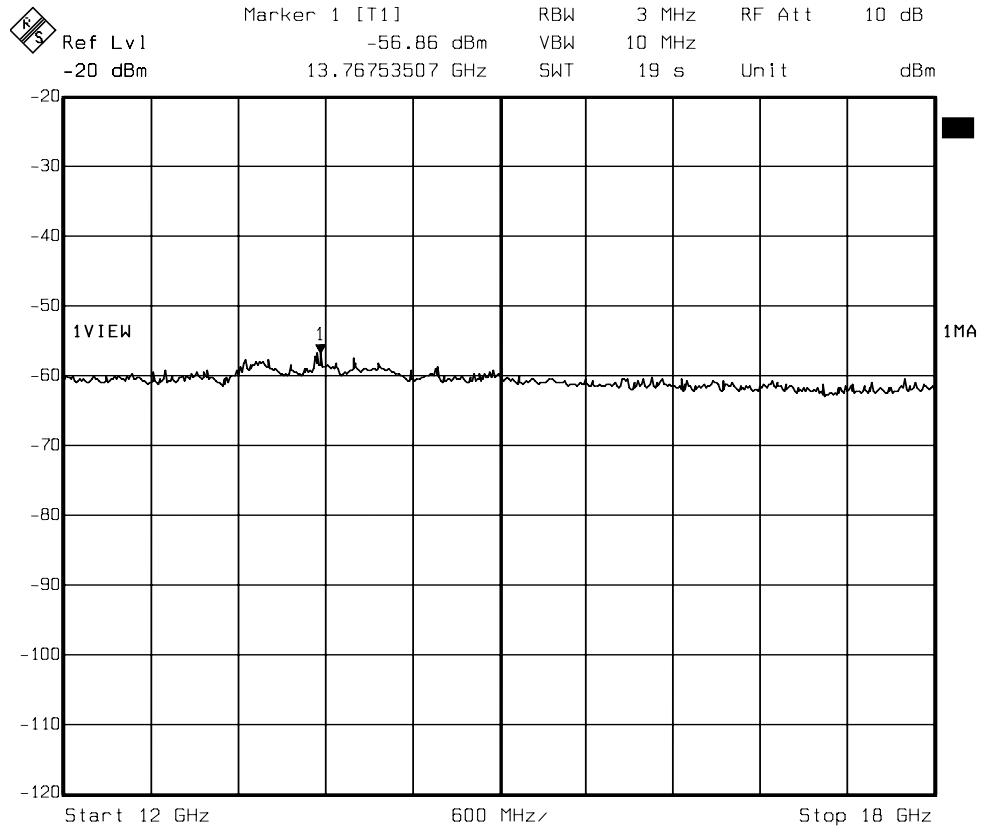
Date: 09.JAN.2009 08:33:47

Diagram 8.23



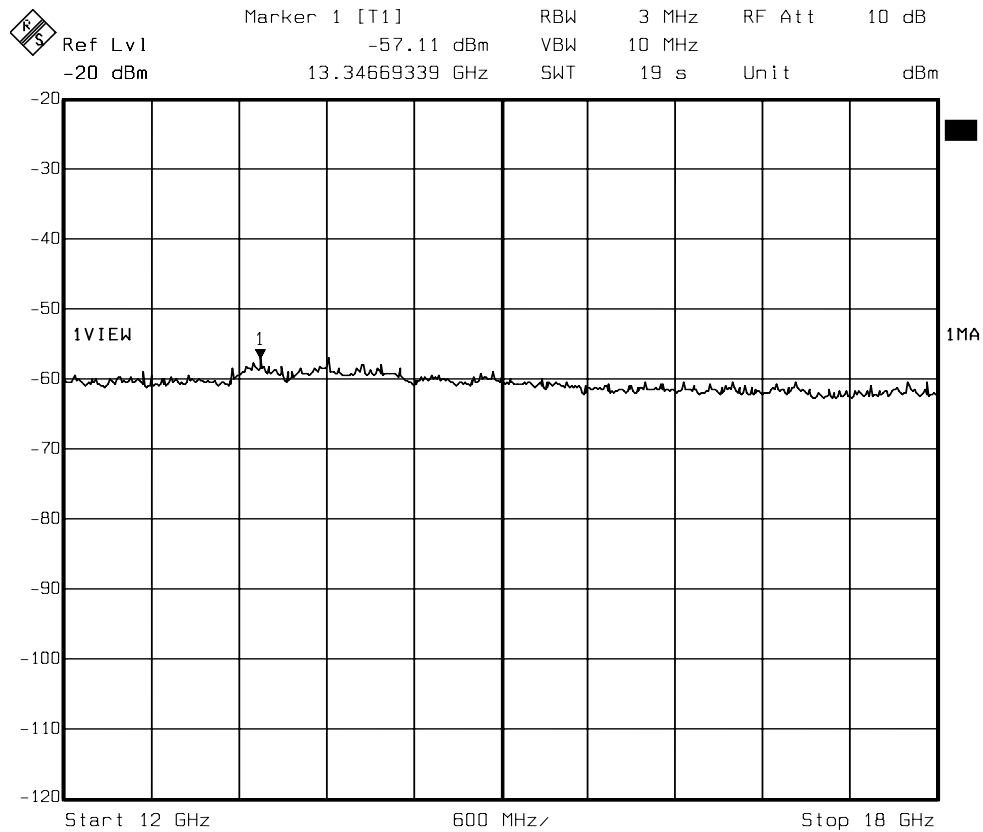
Date: 09.JAN.2009 09:14:24

Diagram 8.24



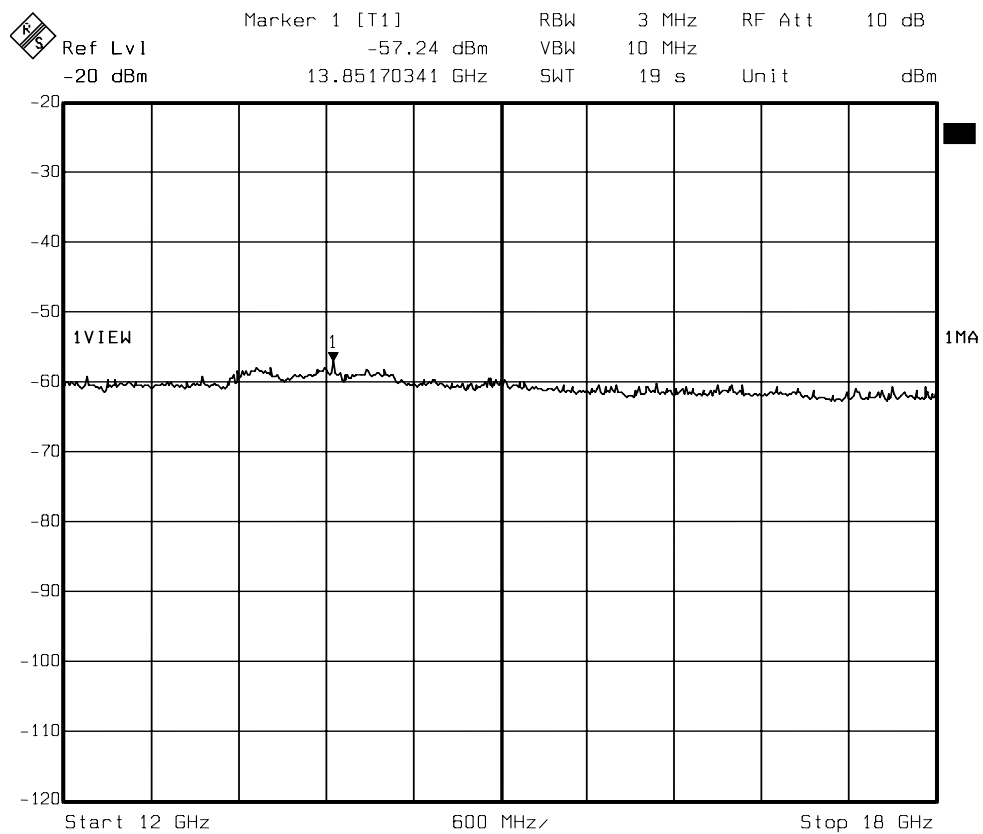
Date: 09.JAN.2009 09:14:24

Diagram 8.25



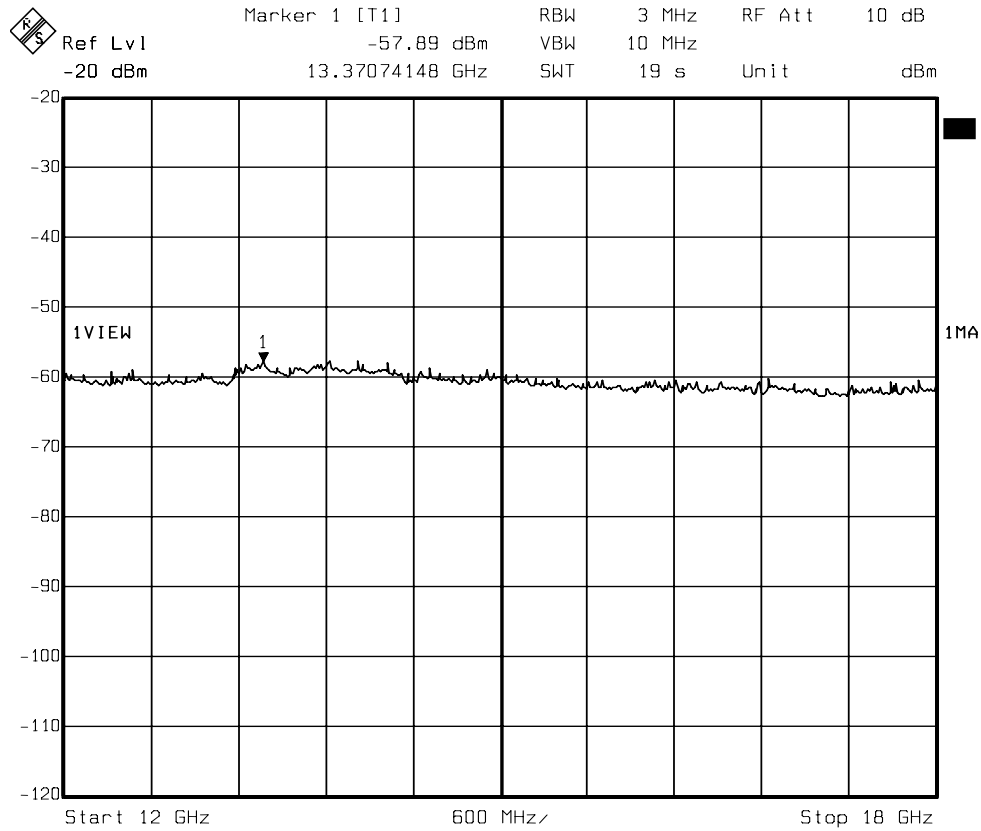
Date: 09.JAN.2009 09:24:11

Diagram 8.26



Date: 09.JAN.2009 09:33:19

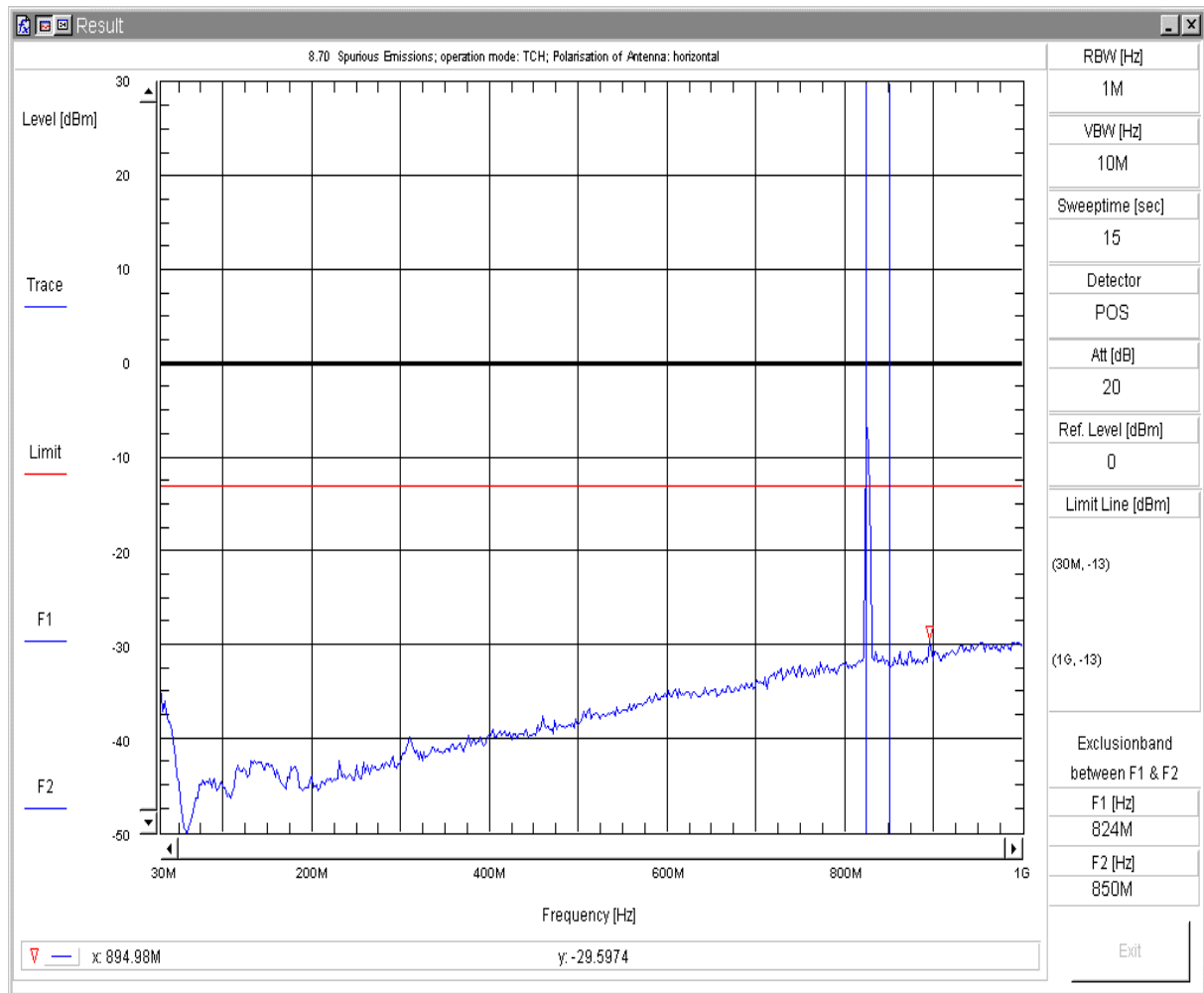
Diagram 8.27



Date: 09.JAN.2009 10:21:13

Diagram 8.28

GSM 850 mode

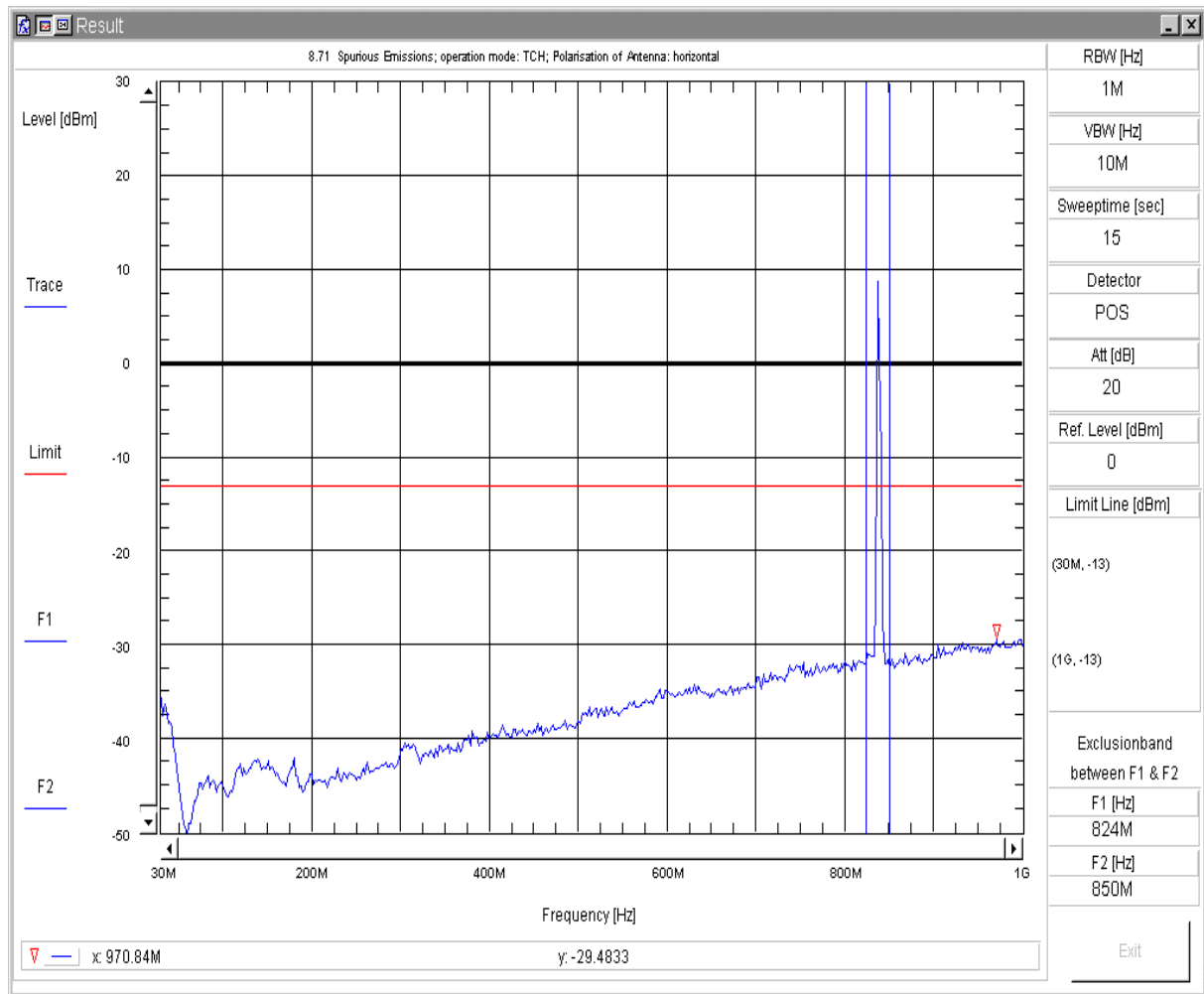


8.70 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 17:42:49ppp

Spurious Emissions V7.1.1

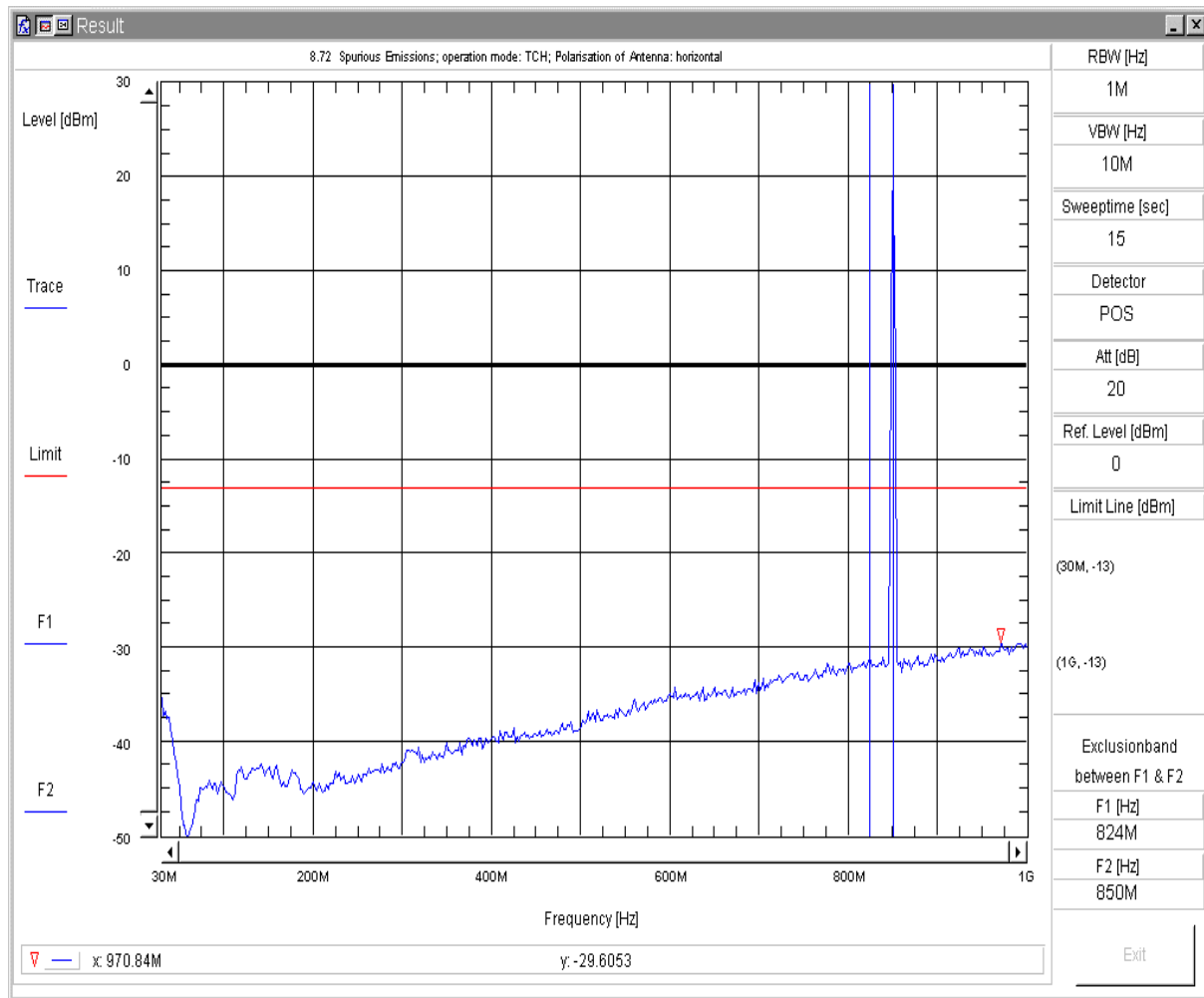


8.71 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 17:48:10ppp

Spurious Emissions V7.1.1

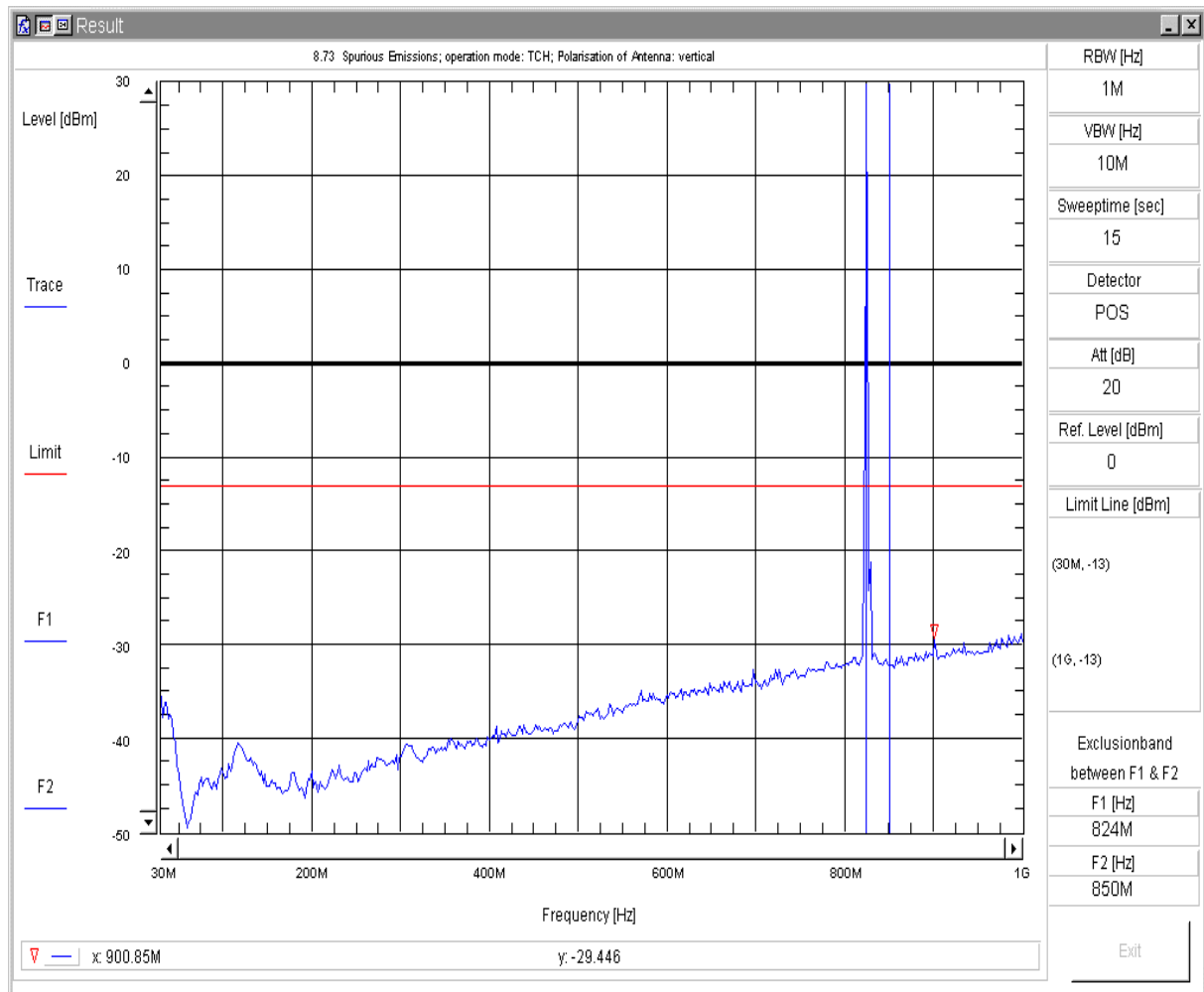


8.72 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 17:54:44ppp

Spurious Emissions V7.1.1

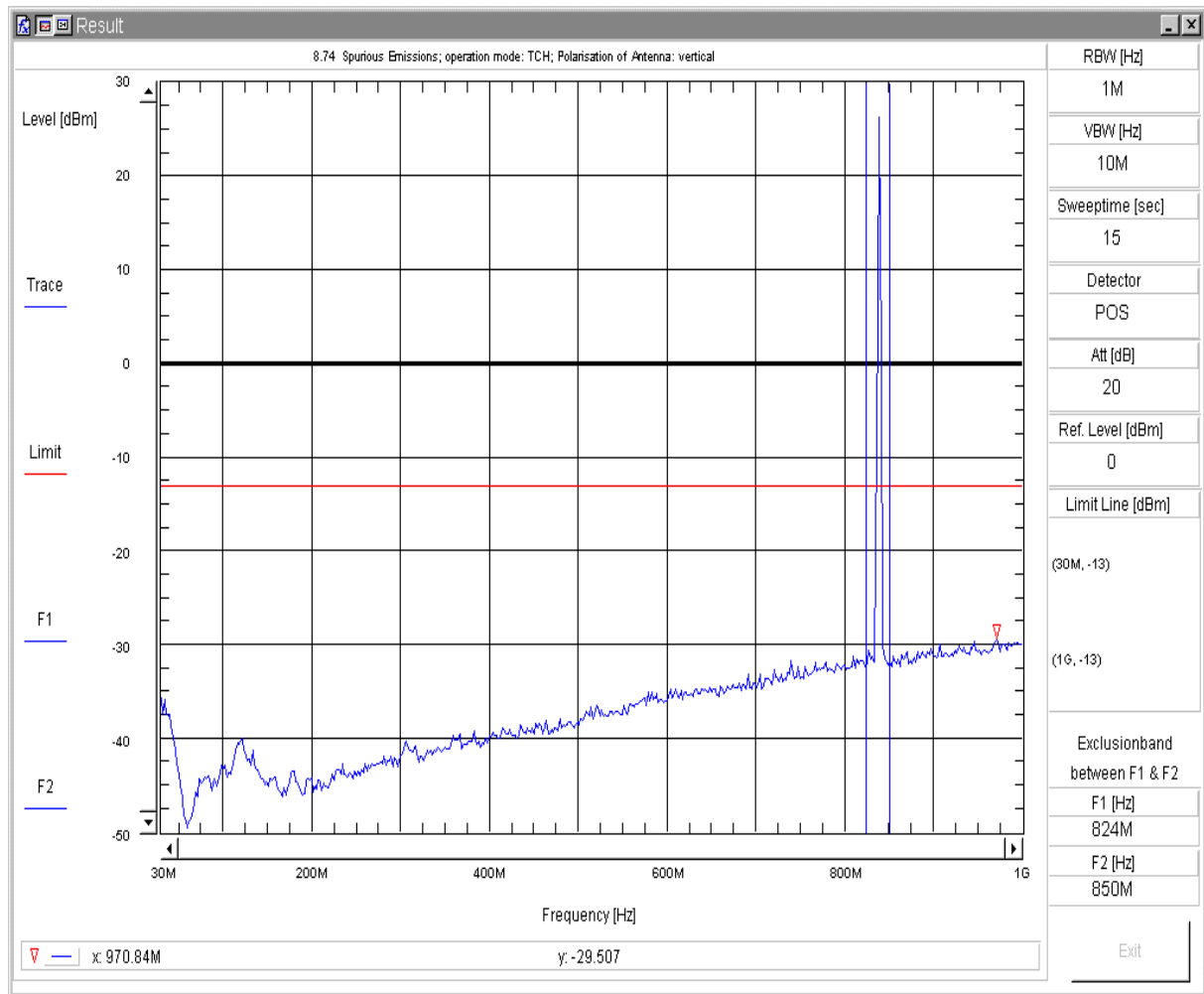


8.73 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep1
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:05:05ppf

Spurious Emissions V7.1.1

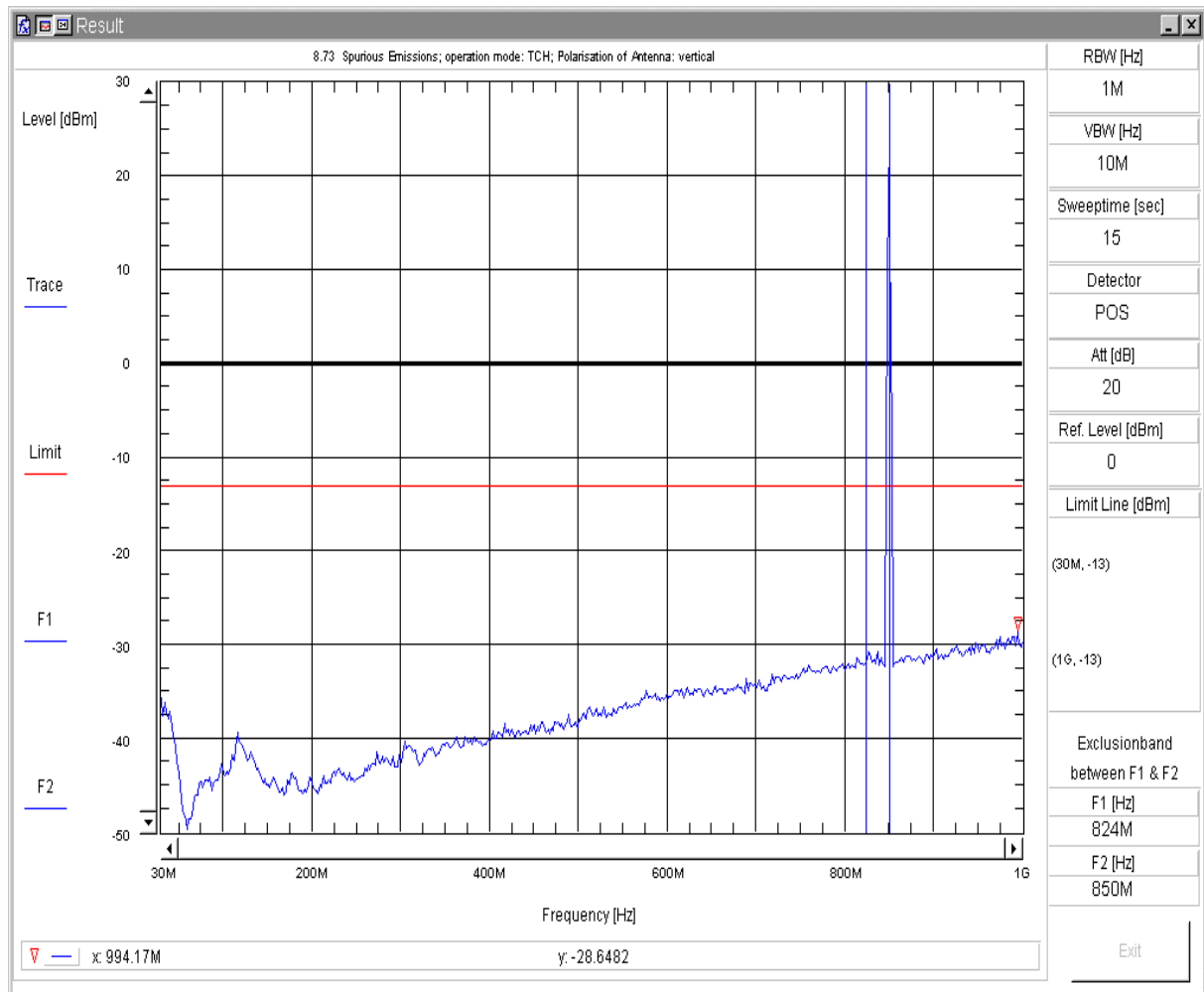


8.74 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep1
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:09:52ppf

Spurious Emissions V7.1.1

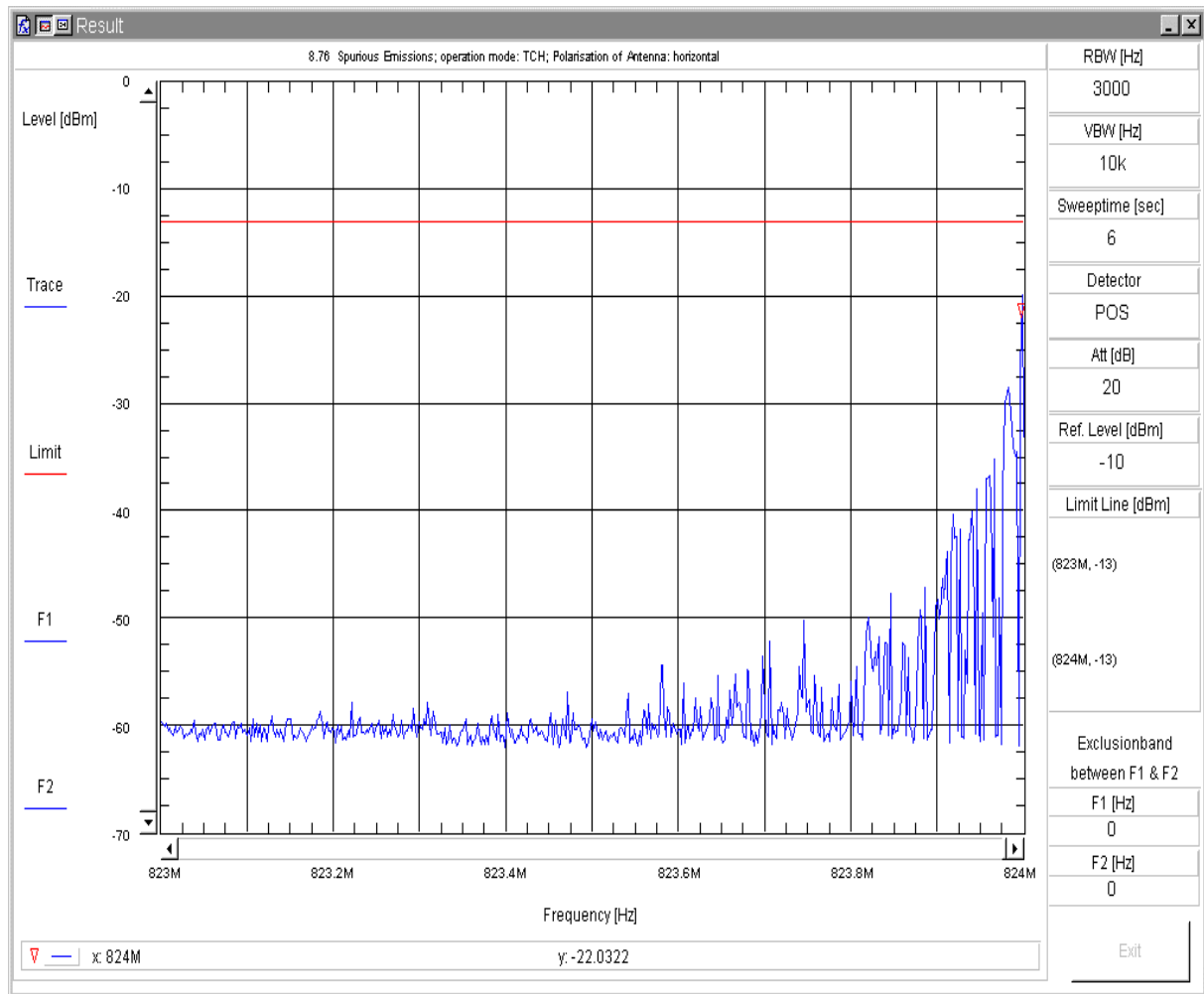


8.75 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep1
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 17:59:51ppf

Spurious Emissions V7.1.1

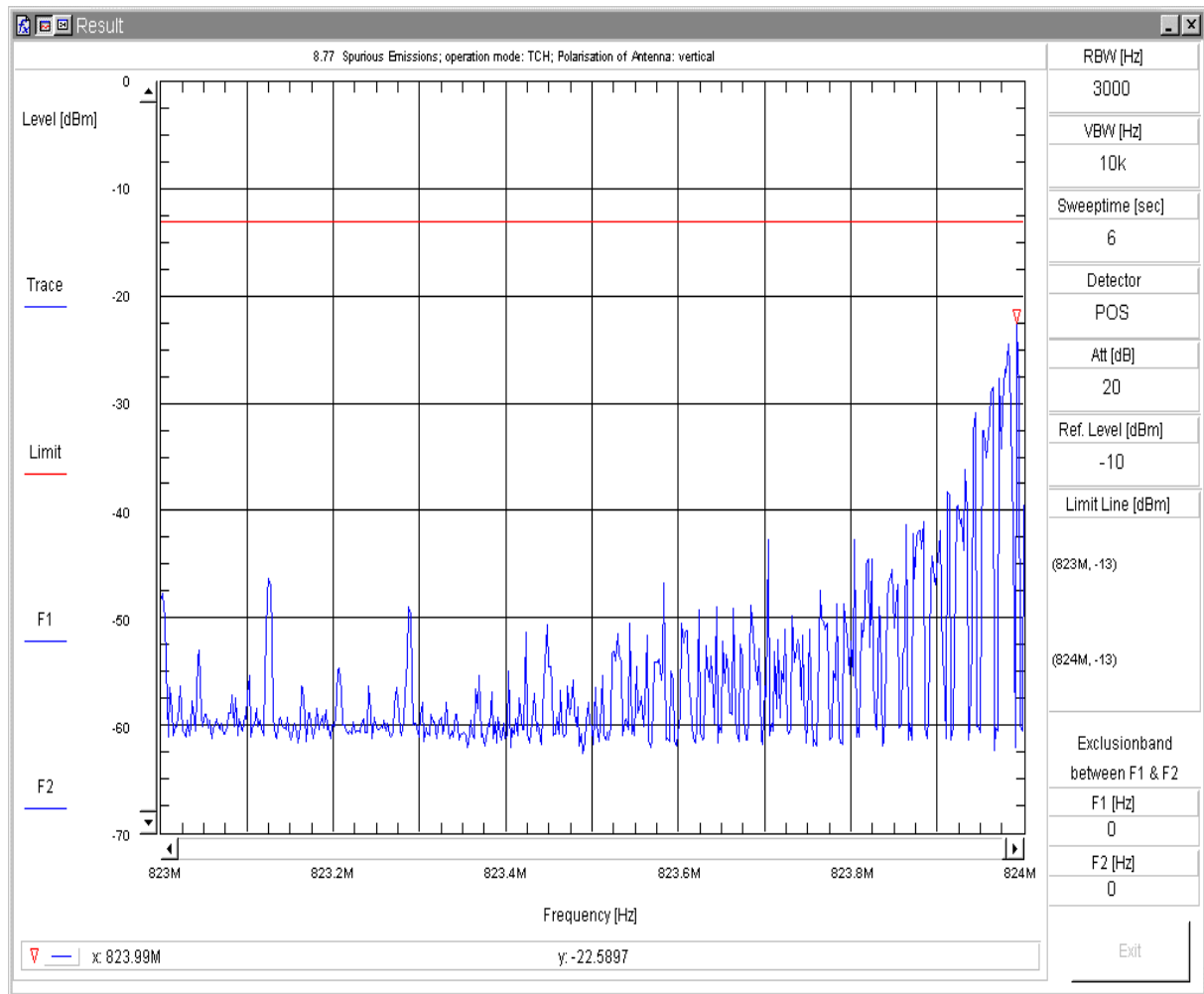


8.76 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep2
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:15:23ppp

Spurious Emissions V7.1.1

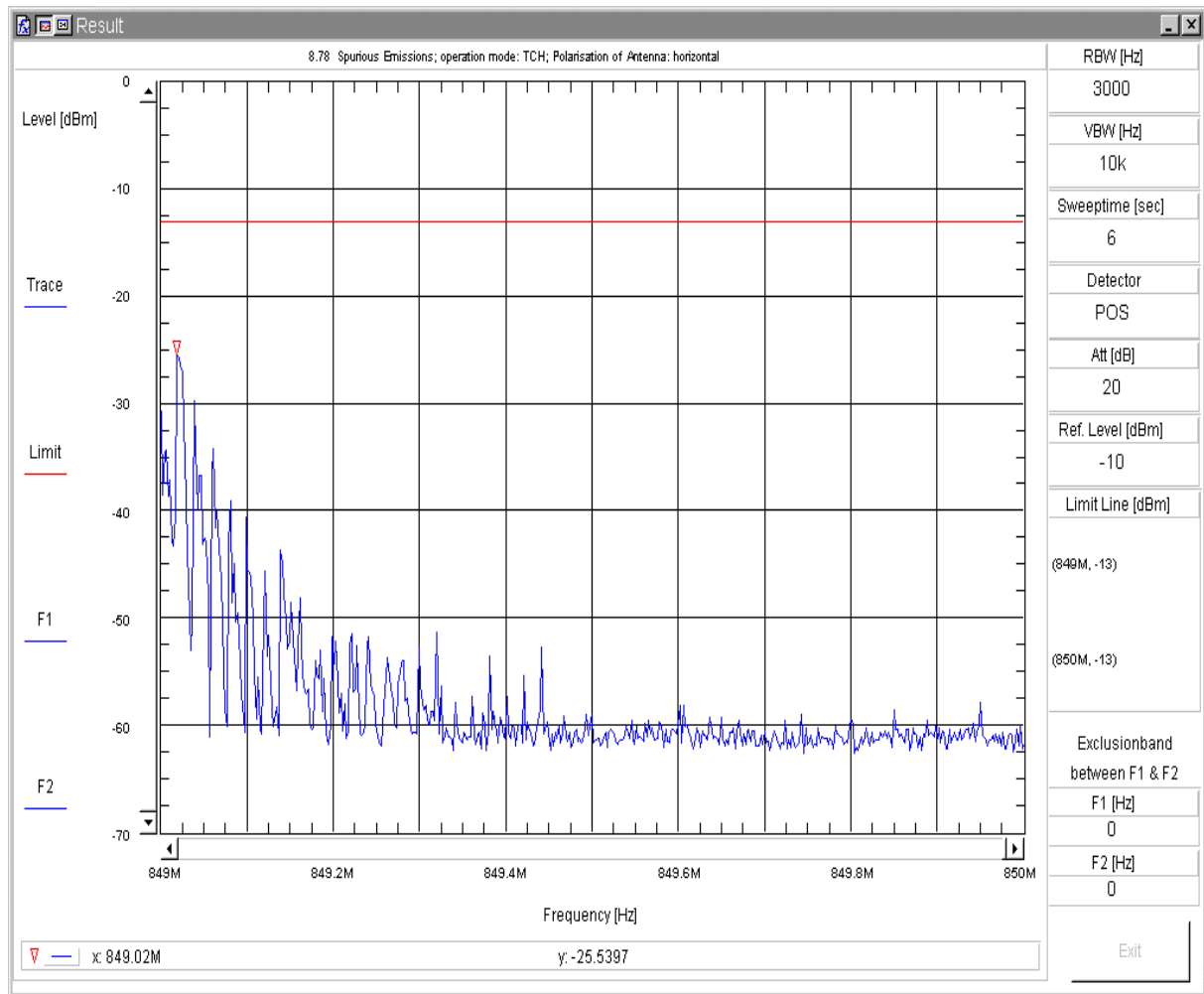


8.77 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep2
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:19:26ppf

Spurious Emissions V7.1.1

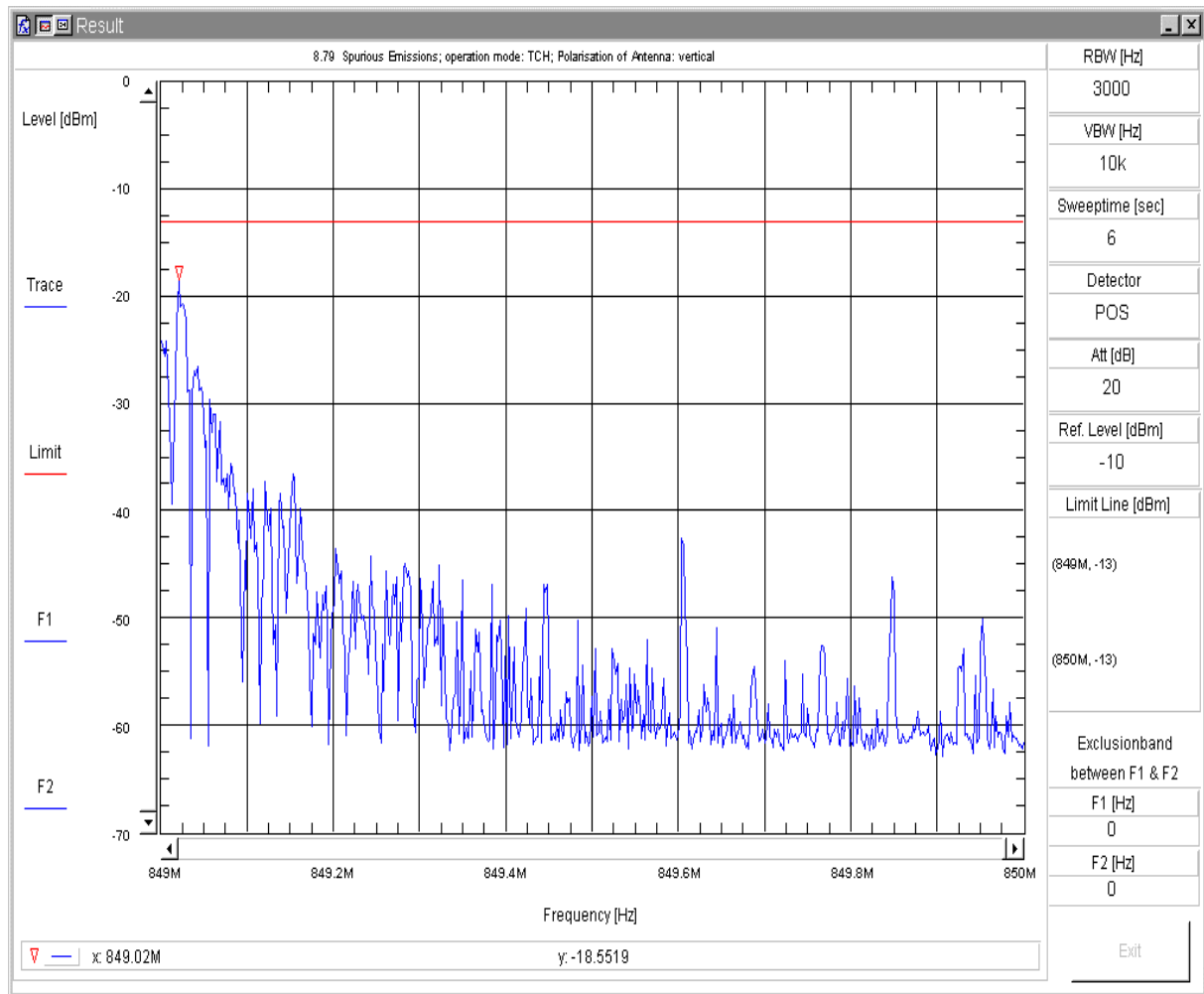


8.78 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep3
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:24:05ppp

Spurious Emissions V7.1.1

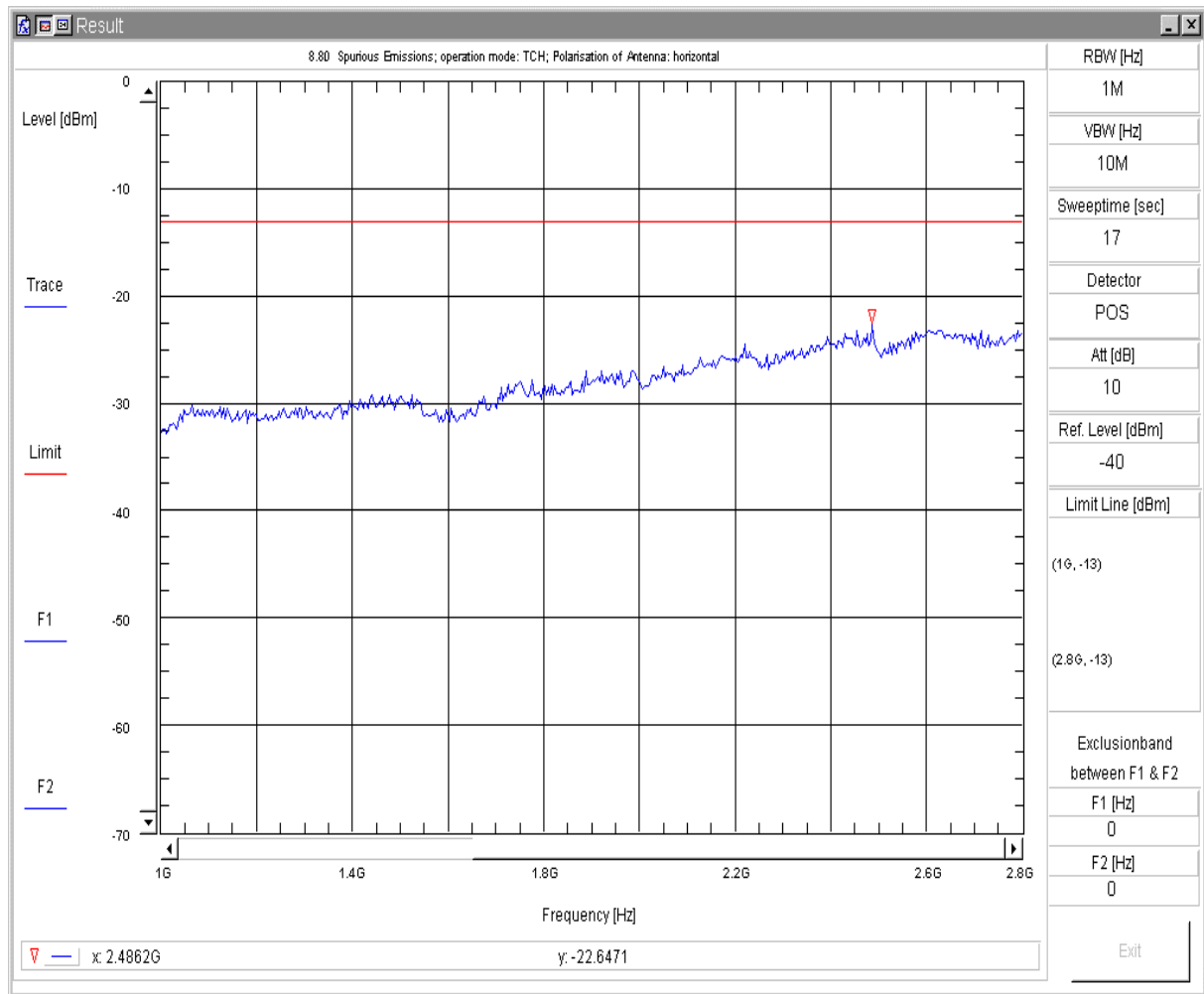


8.79 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep3
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:27:07ppf

Spurious Emissions V7.1.1

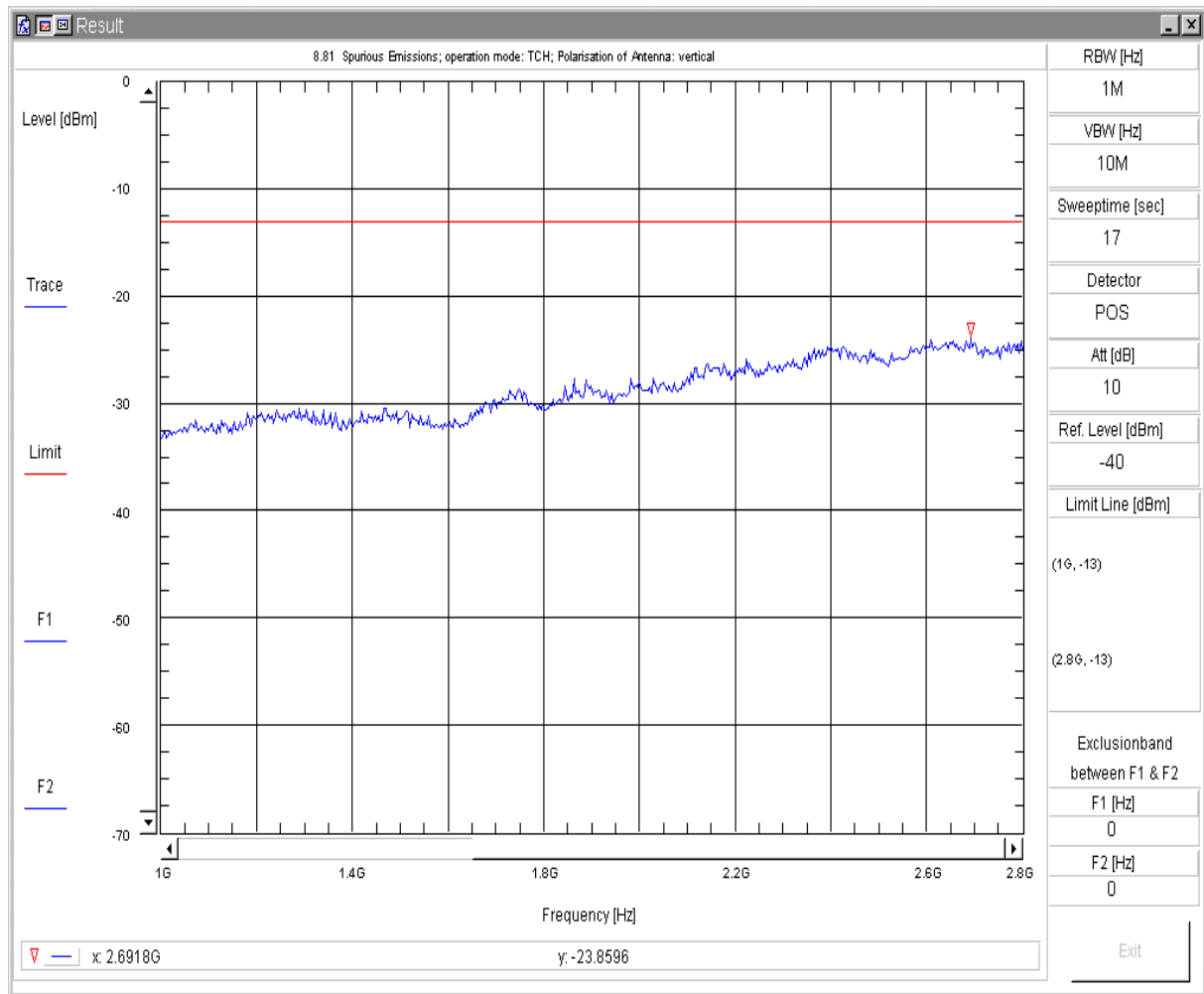


8.80 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep4
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:30:36fp

Spurious Emissions V7.1.1

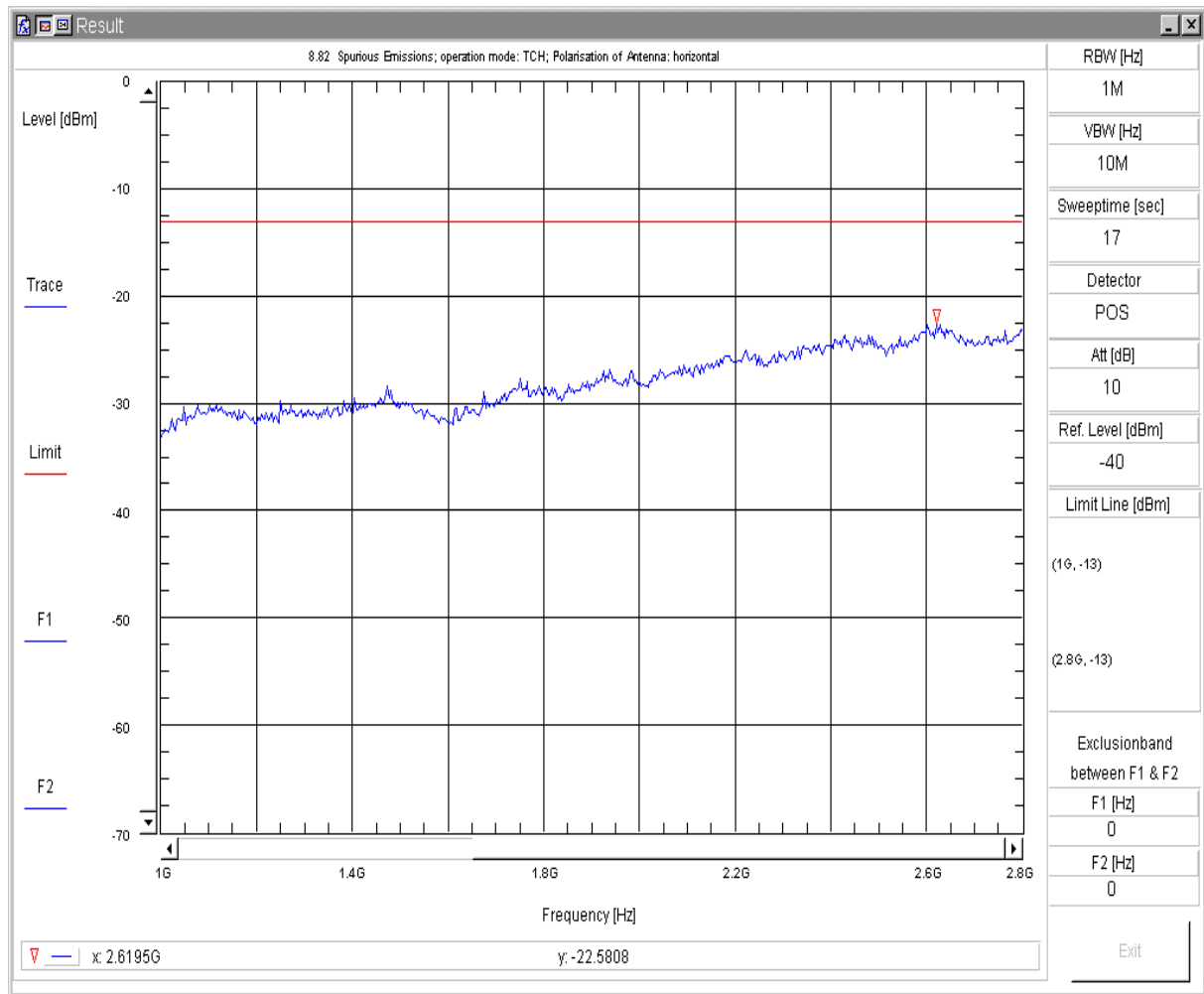


8.81 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep4
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:41:03pp

Spurious Emissions V7.1.1

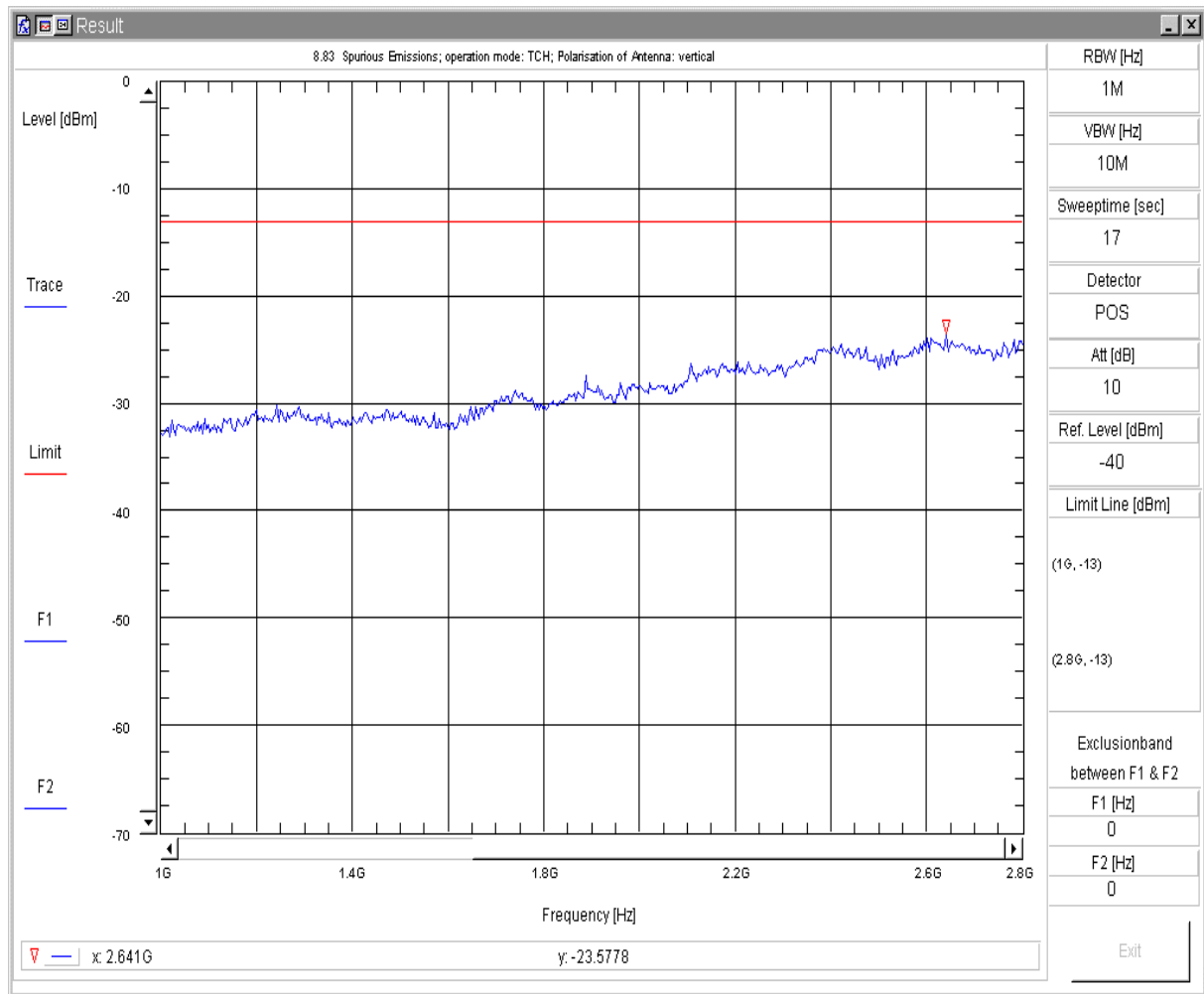


8.82 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep4
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:48:10fp

Spurious Emissions V7.1.1

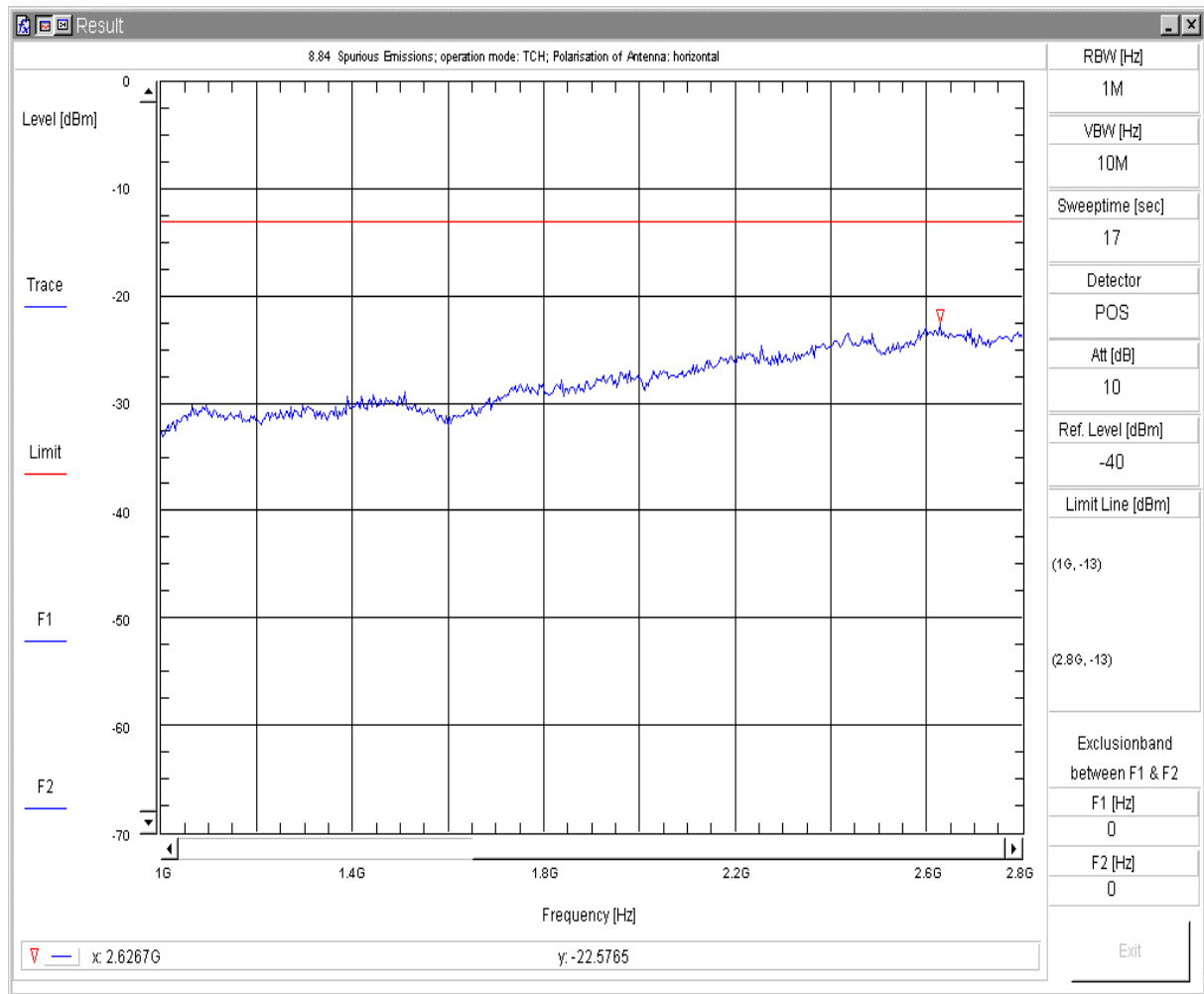


8.83 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep4
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 18:55:47pp

Spurious Emissions V7.1.1

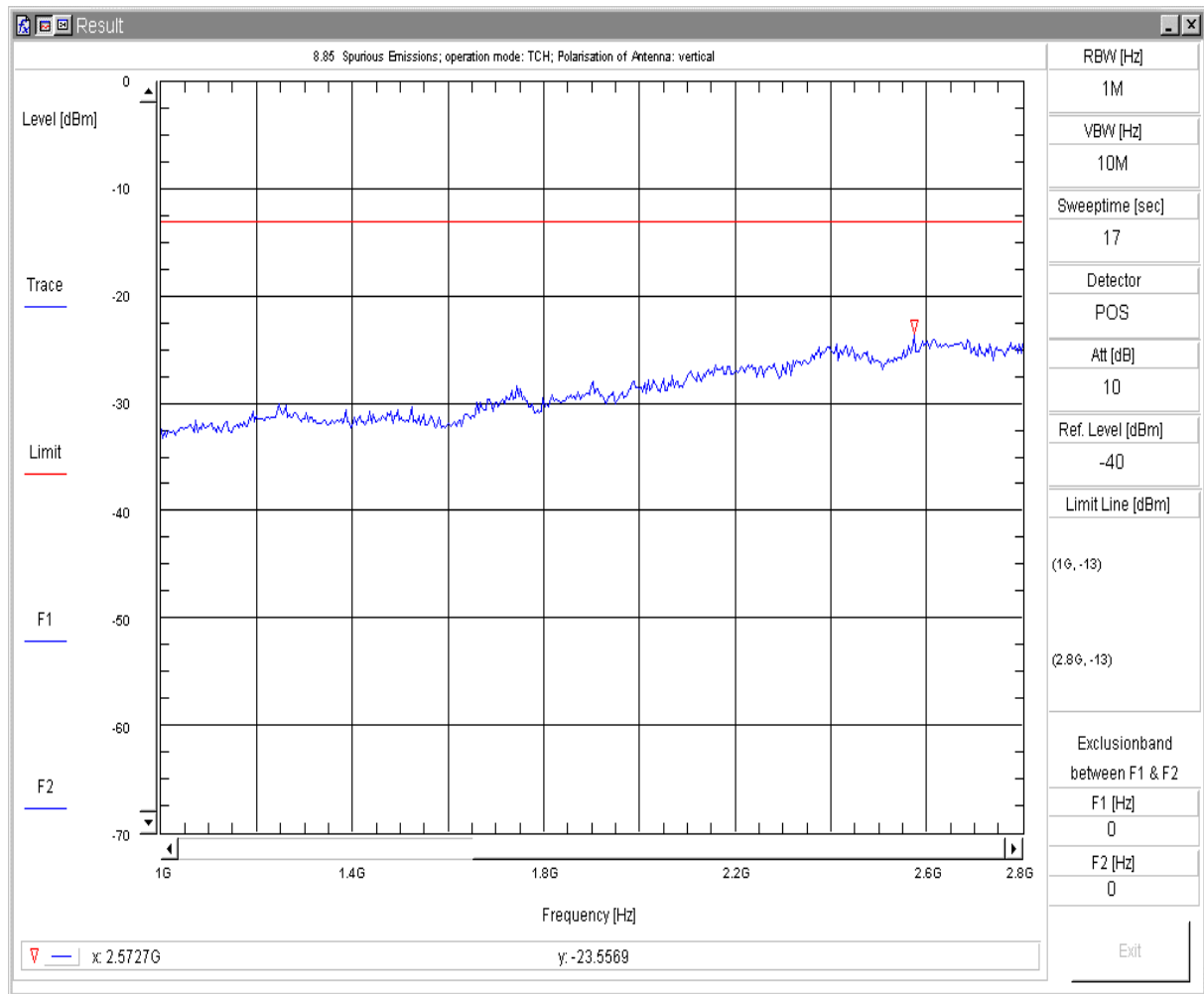


8.84 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep4
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 19:02:54fp

Spurious Emissions V7.1.1

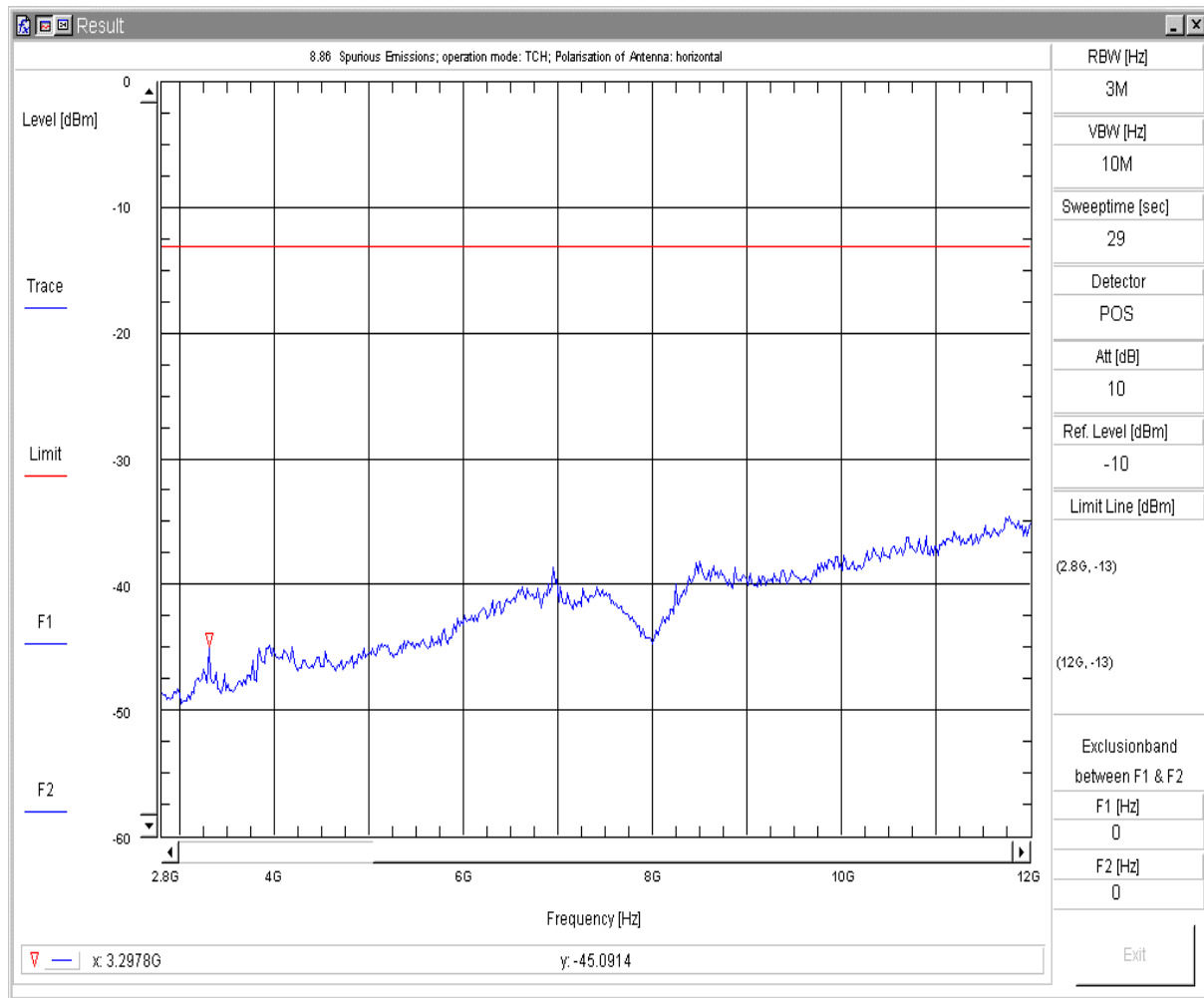


8.85 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep4
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 19:09:57pp

Spurious Emissions V7.1.1

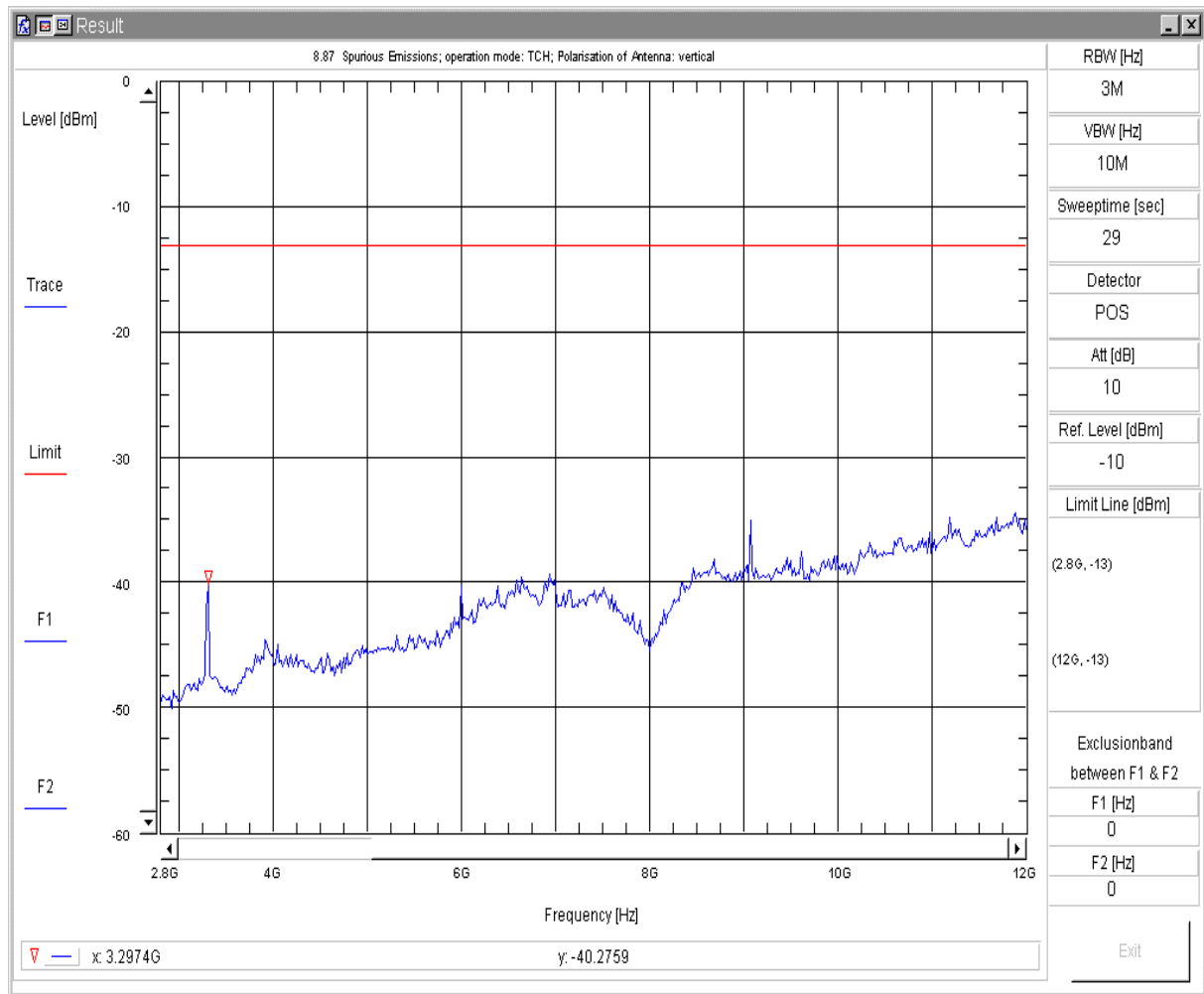


8.86 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep5
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 19:39:33fp

Spurious Emissions V7.1.1

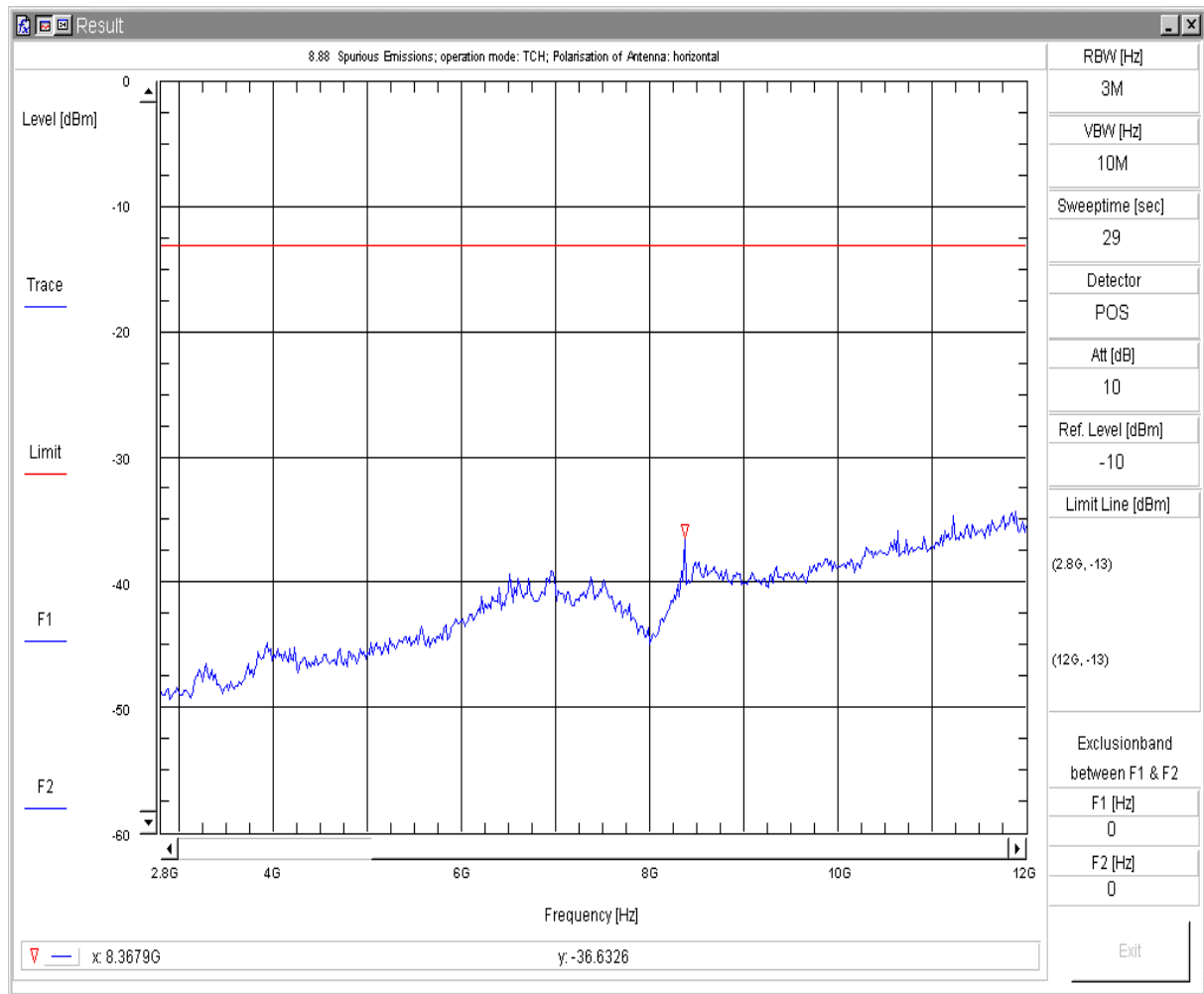


8.87 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep5
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 19:49:19fp

Spurious Emissions V7.1.1

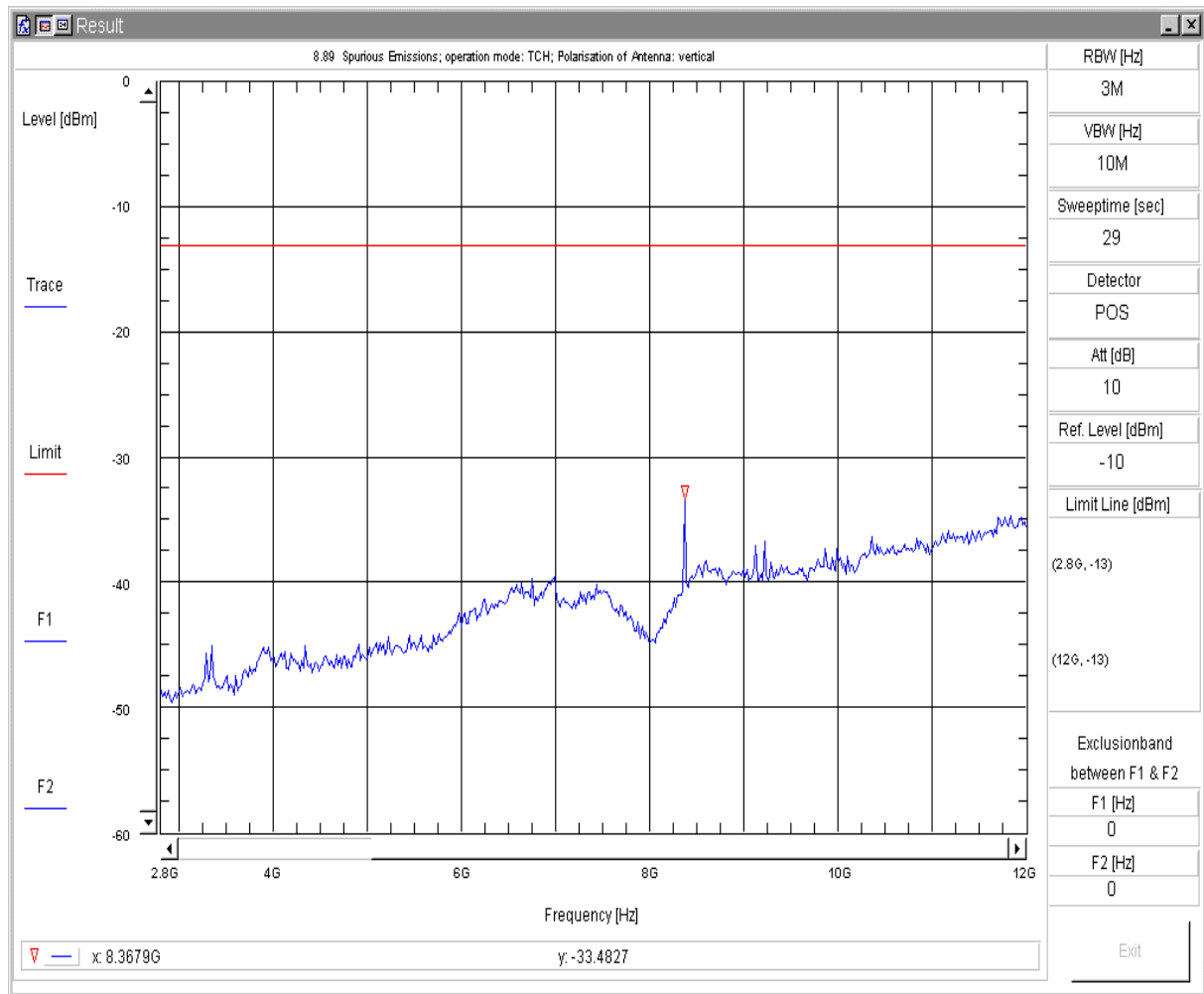


8.88 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep5
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 19:59:11fp

Spurious Emissions V7.1.1

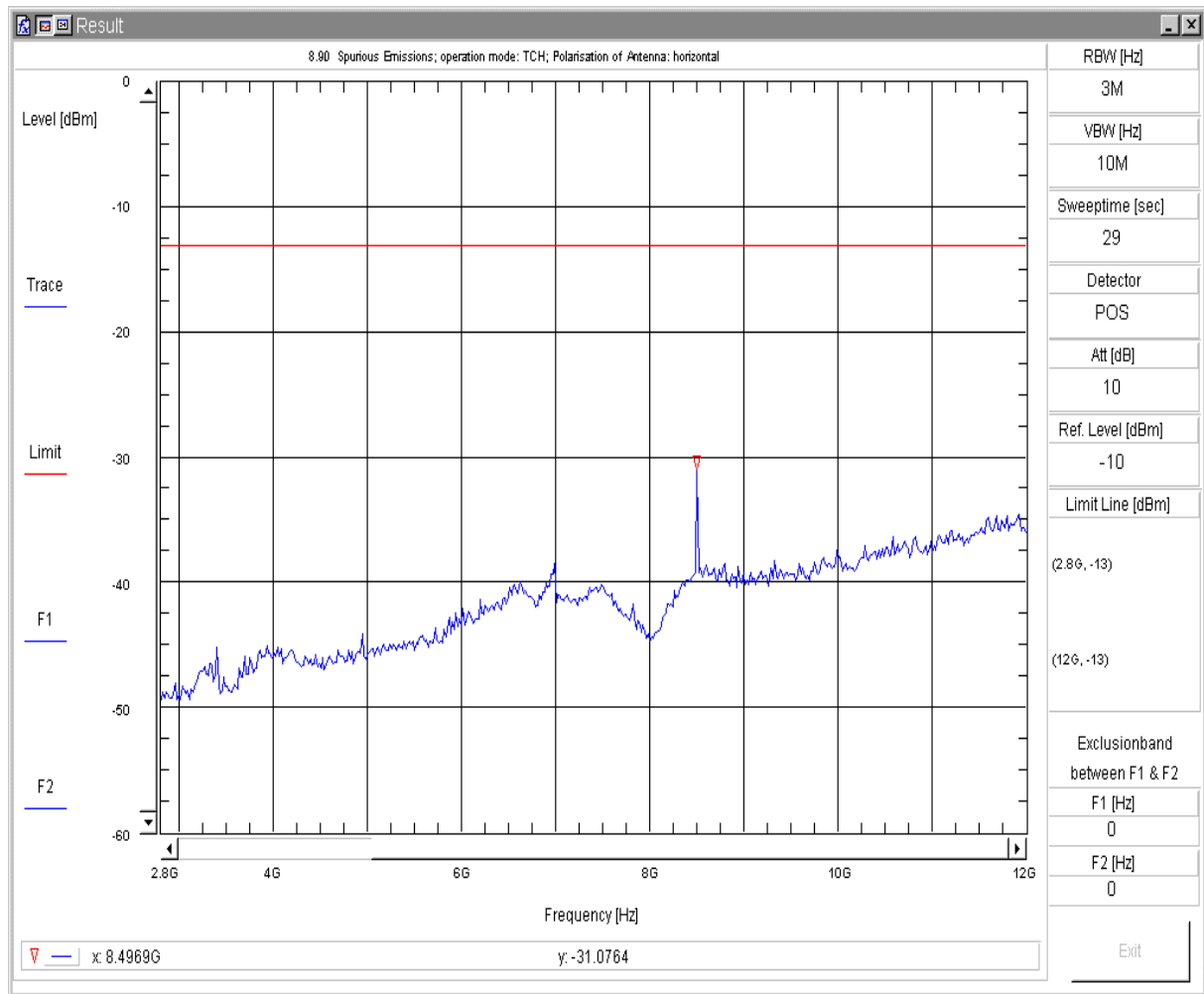


8.89 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep5
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 20:09:04fp

Spurious Emissions V7.1.1

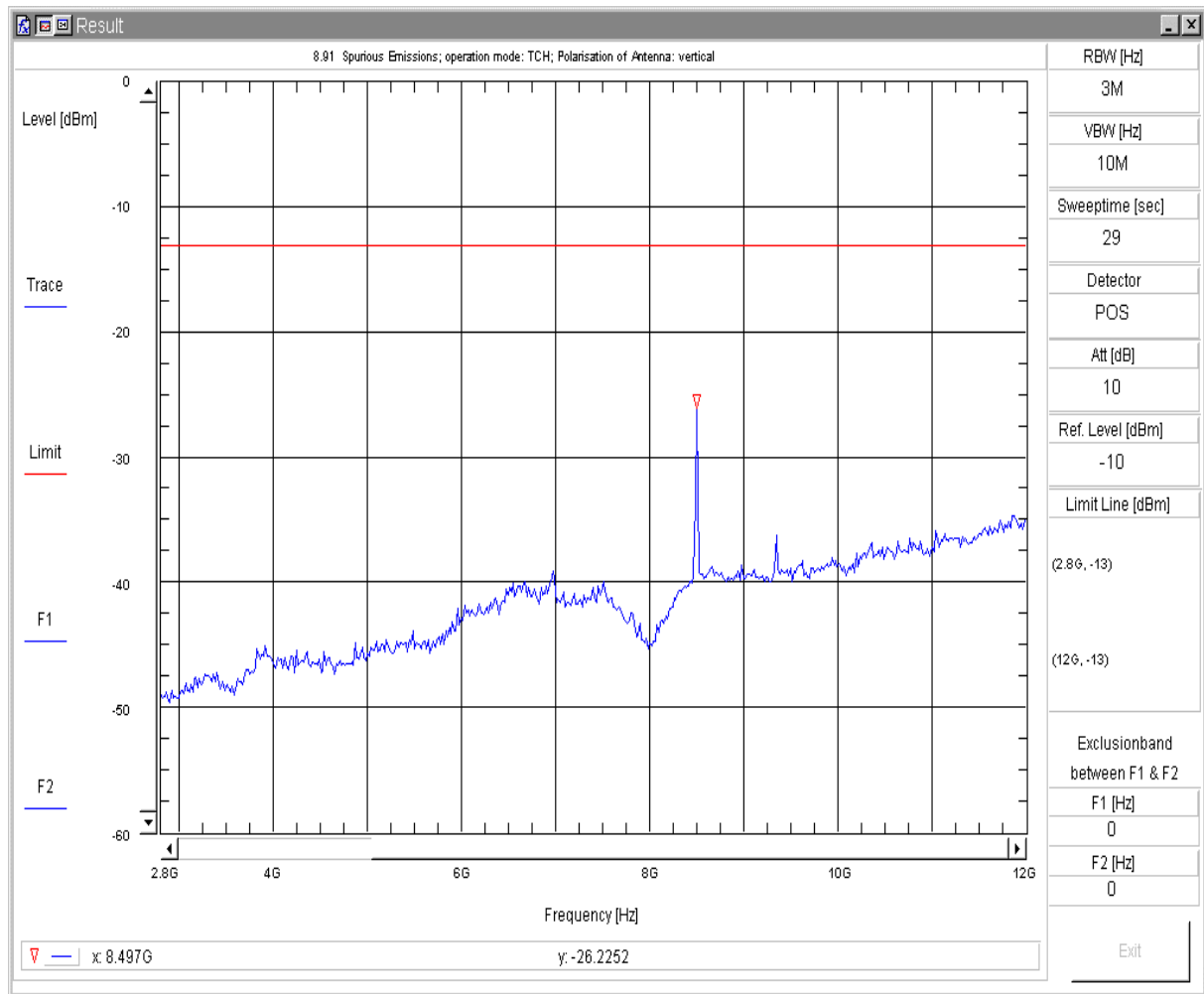


8.90 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_H
 Sweepnr: Sweep5
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 19:19:47fp

Spurious Emissions V7.1.1



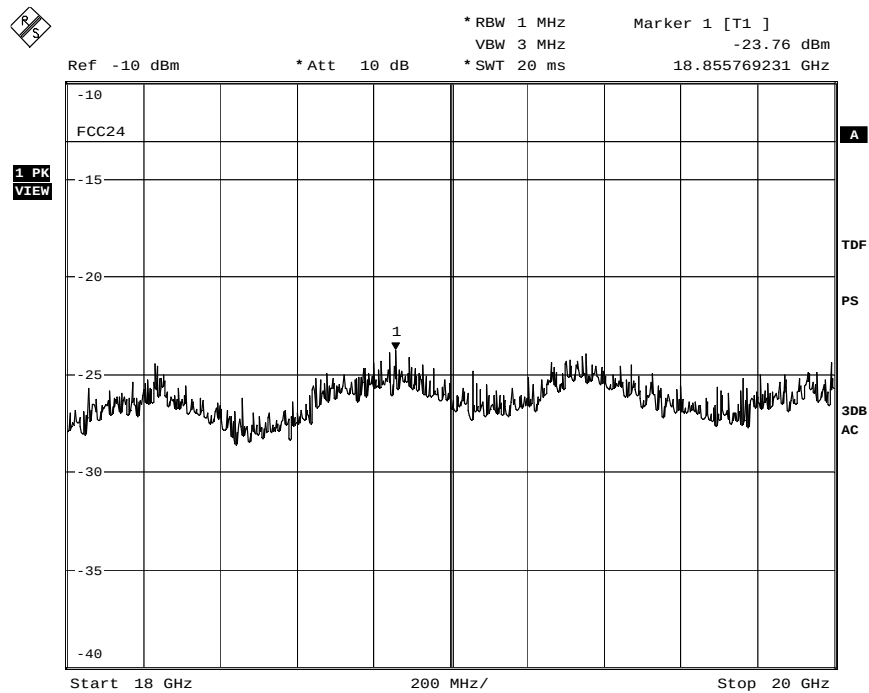
8.91 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part22_850\TD_TX_V
 Sweepnr: Sweep5
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part22_850 TCH
 EUT Description: TM5-J01 + Headset
 EUT Hardware: CS3-3
 EUT Software:
 EUT Config:
 EUT S/N:
 Battery: Dummy Battery; Nominal Voltage; 3.9 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Mon 26/Jan/2009 19:29:45ff

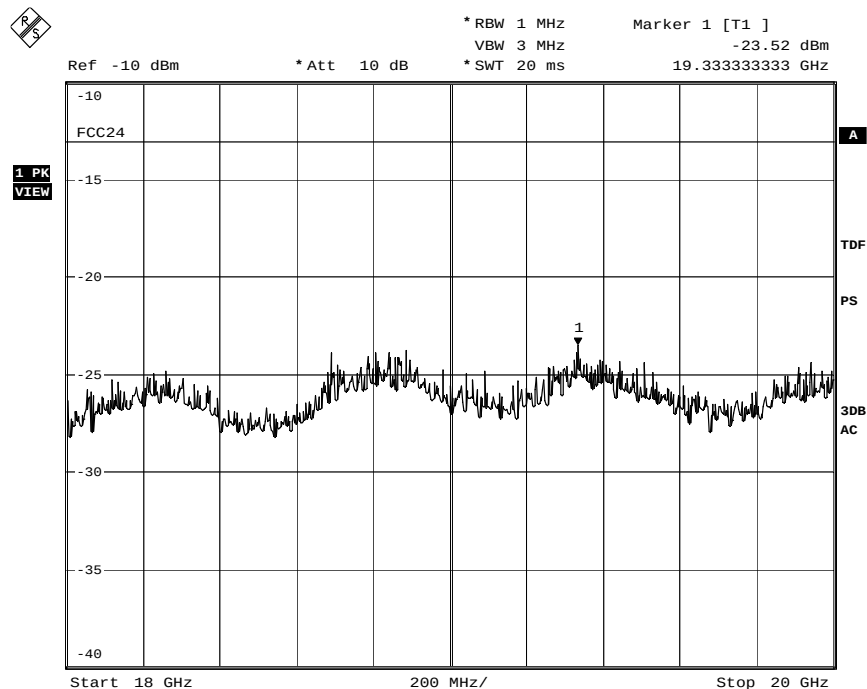
Spurious Emissions V7.1.1

1.6. Diagrams frequency range ($f > 18\text{GHz}$)



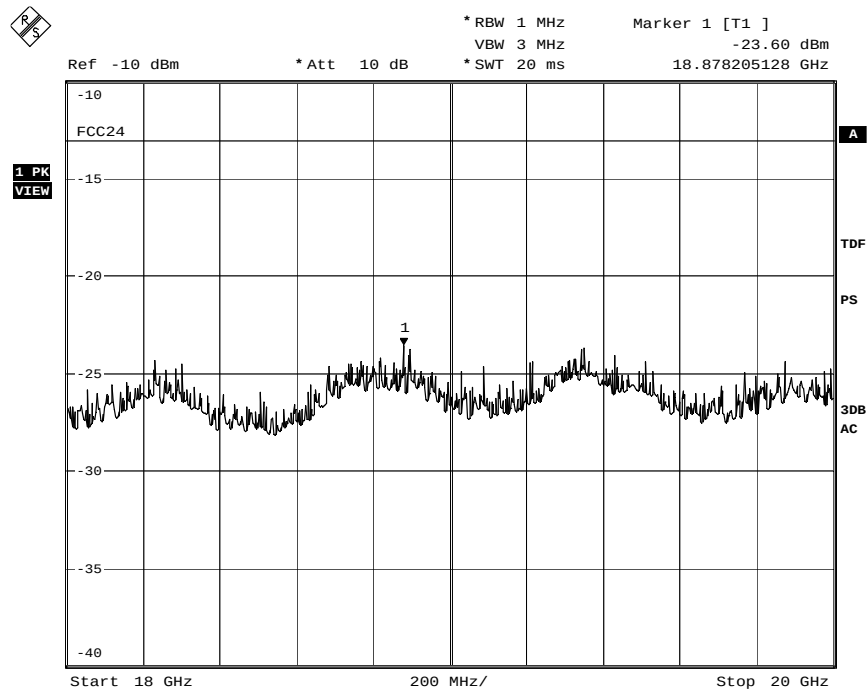
Date: 6.FEB.2009 13:05:29

Diagram 8.97 – Channel 512 (Overview measurement only)



Date: 6.FEB.2009 13:06:41

Diagram 8.98 – Channel 661 (Overview measurement only)



Date: 6.FEB.2009 13:09:15

Diagram 8.99 – Channel 810 (Overview measurement only)