

Annex 1: Measurement diagrams
to
TEST REPORT
No.: 2-0004-11-17-1a

According to:
FCC-Regulations
Part 22 & Part 24
IC-Regulations
RSS-132 Issue 2 & RSS-133 Issue 5
RSS-Gen, Issue 3

for

Sony Ericsson Mobile Communications AB

GSM/(E)GPRS/W-CDMA Mobile Phone AAD-3880122-BV

FCC-ID: PY7A3880122
IC: 4170B-A3880122

Laboratory Accreditation and Listings			
 DAkKS Deutsche Akkreditierungsstelle D-PL-12047-01-01	 FEDERAL COMMUNICATIONS COMMISSION USA Reg. No.: 736496 MRA US-EU 0003	 Industry Canada Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3	 Voluntary Controls for Electromagnetic Emissions Reg. No.: R-2665, R-2666 C-2914, T-1967, G-301
 WiFi ALLIANCE AUTHORIZED RF LABORATORY	 CTIA Authorized Test Lab LAB CODE 20011130-00		
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.com • Internet: www.cetecom.com			

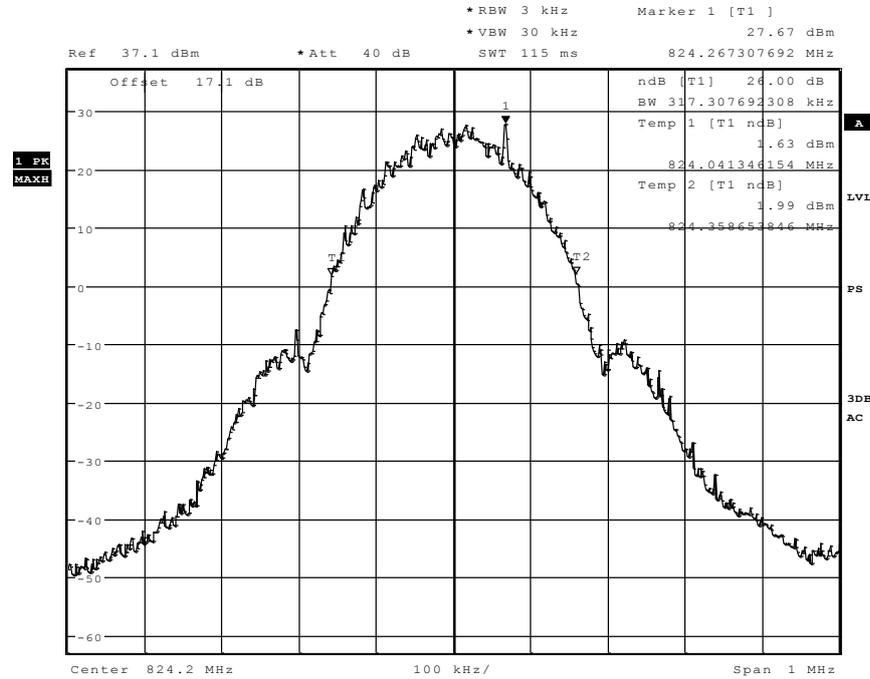
Table of contents

1. MEASUREMENT DIAGRAMS.....	3
1.1. 26dBc Emission bandwidth	3
1.2. 99% Occupied bandwidth	9
1.3. Spurious emissions conducted – GSM850 Mode	15
1.4. Spurious emissions conducted – GSM1900 Mode	23
1.5. Spurious emissions radiated – GSM850 Mode.....	31
1.6. Band-Edge compliance radiated GSM850 Mode	49
1.7. Spurious emissions radiated – GSM1900 Mode.....	53
1.8. Band-Edge compliance radiated GSM1900 Mode	77
1.9. Radiated emissions in the frequency range above 18GHz – GSM1900 Mode	81
1.10. Conducted emissions on AC-mains (f<30MHz).....	83
1.11. Radiated MAGNETIC Field Strength measurements (f<30MHz)	87

1. Measurement diagrams

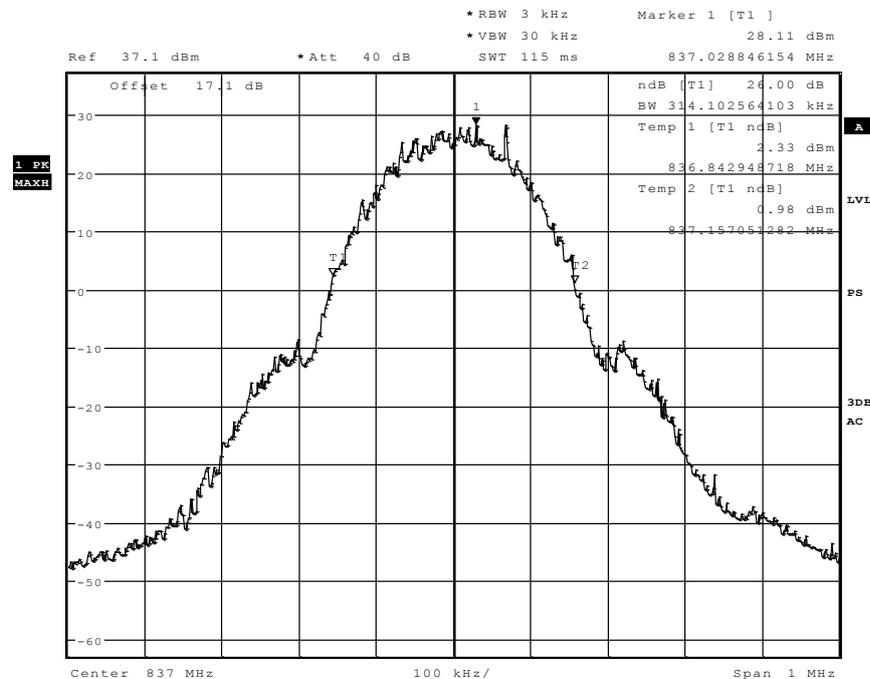
1.1. 26dBc Emission bandwidth

GSM 850



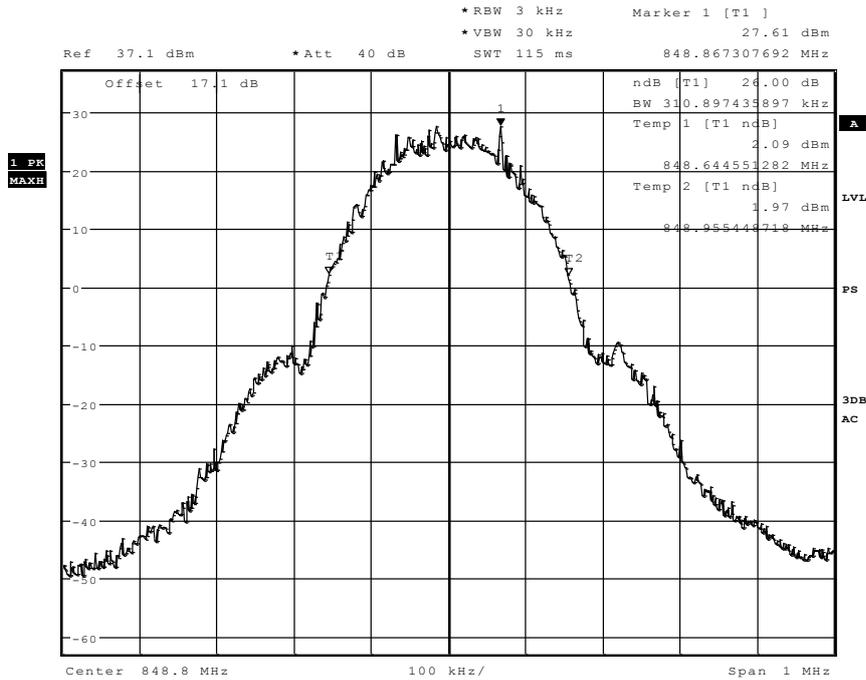
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Channel 128



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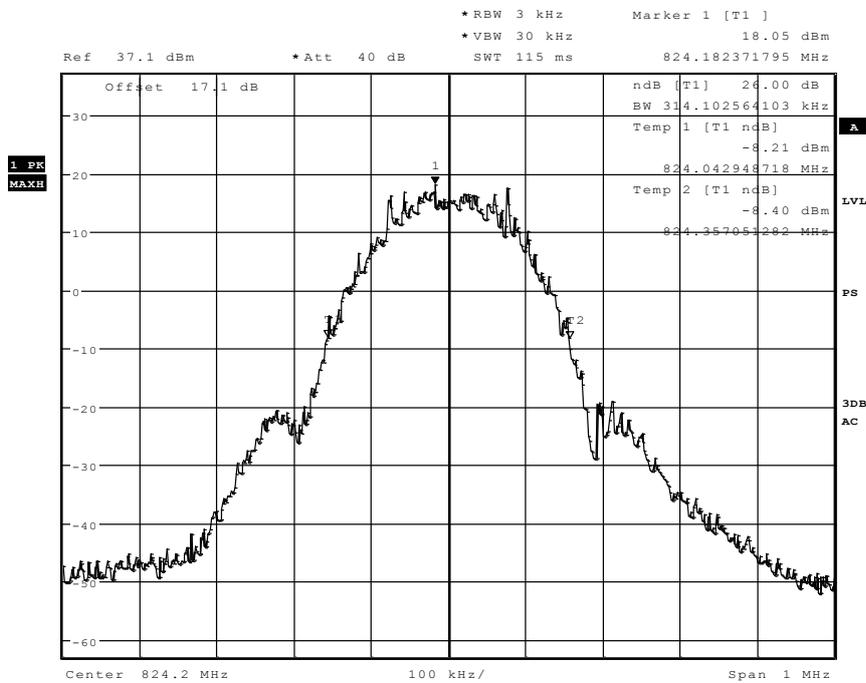
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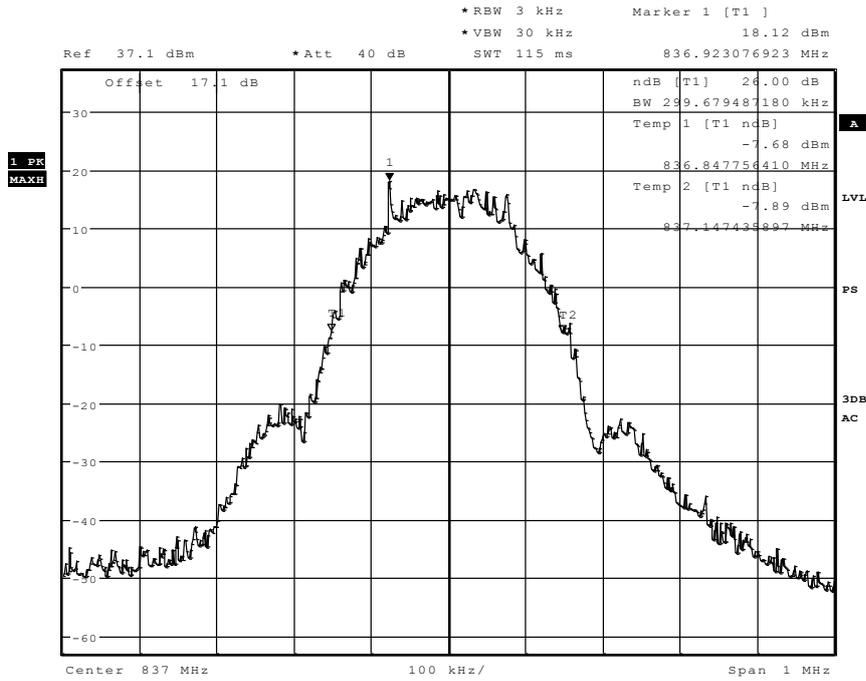
Channel 251

E-GPRS 850



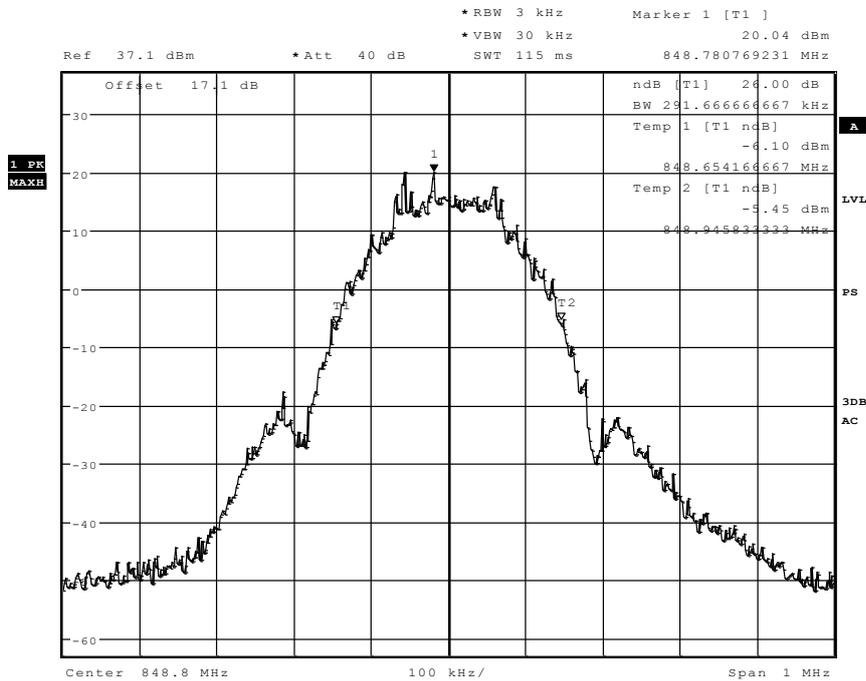
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Channel 128



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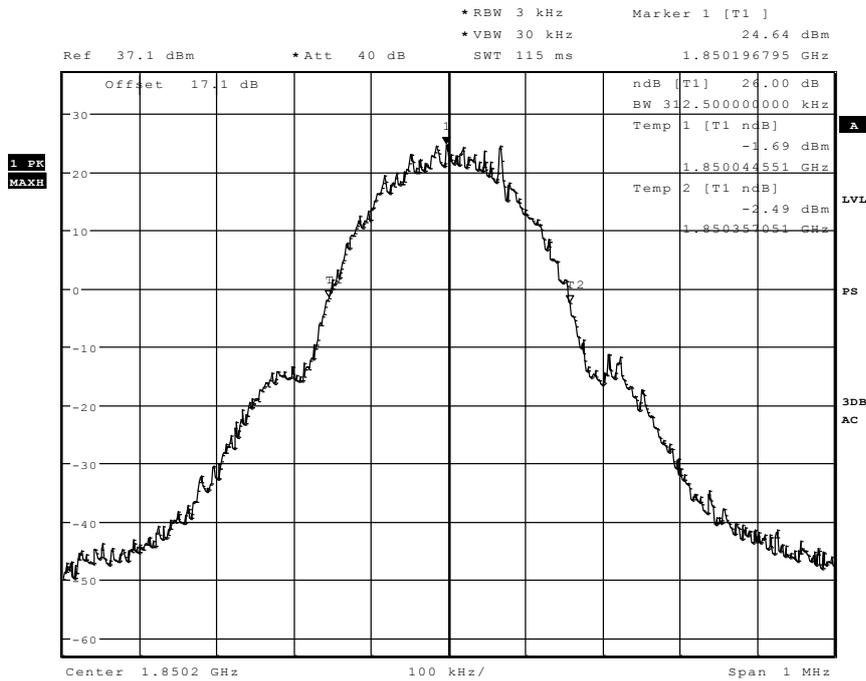
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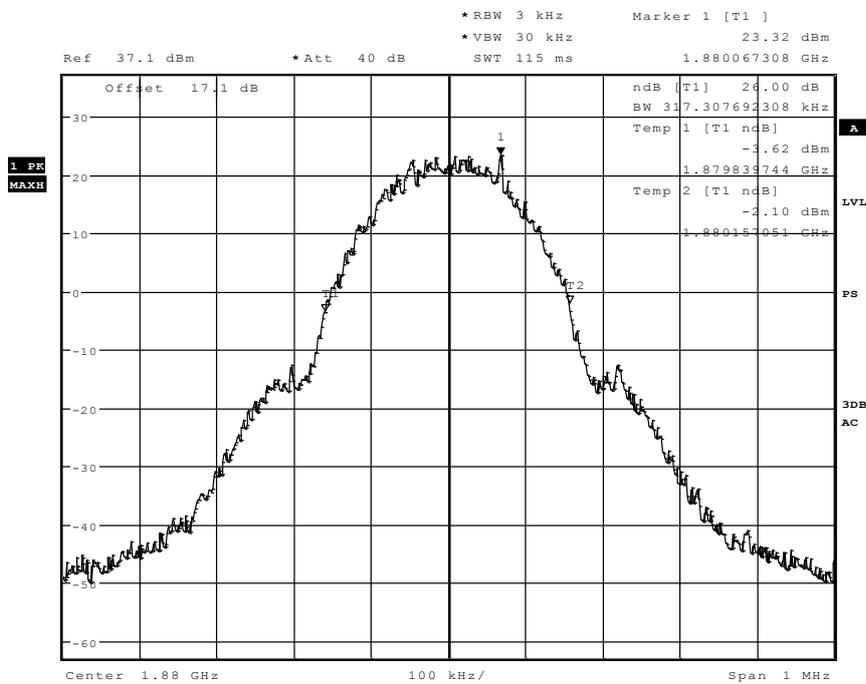
Channel 251

GSM 1900



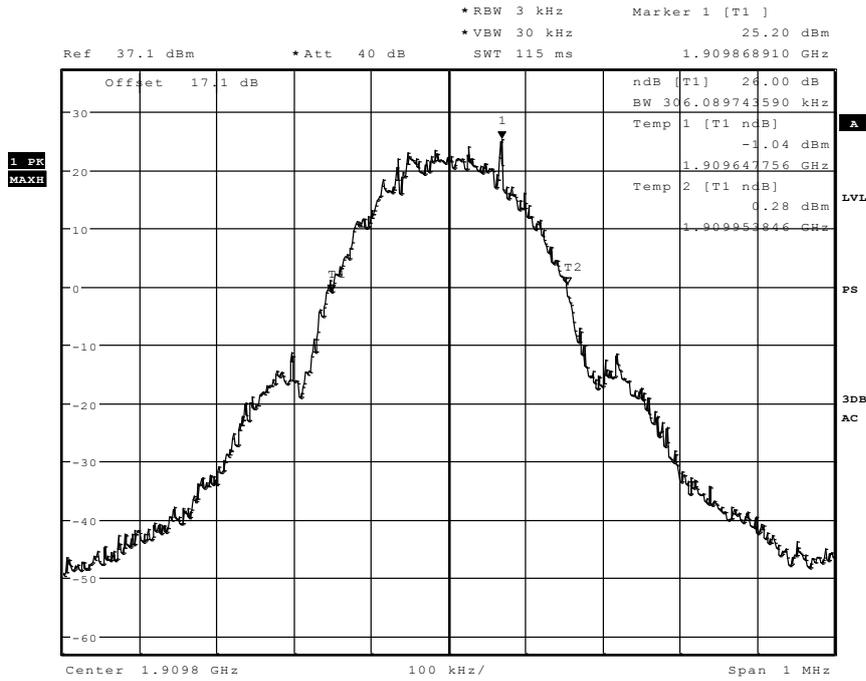
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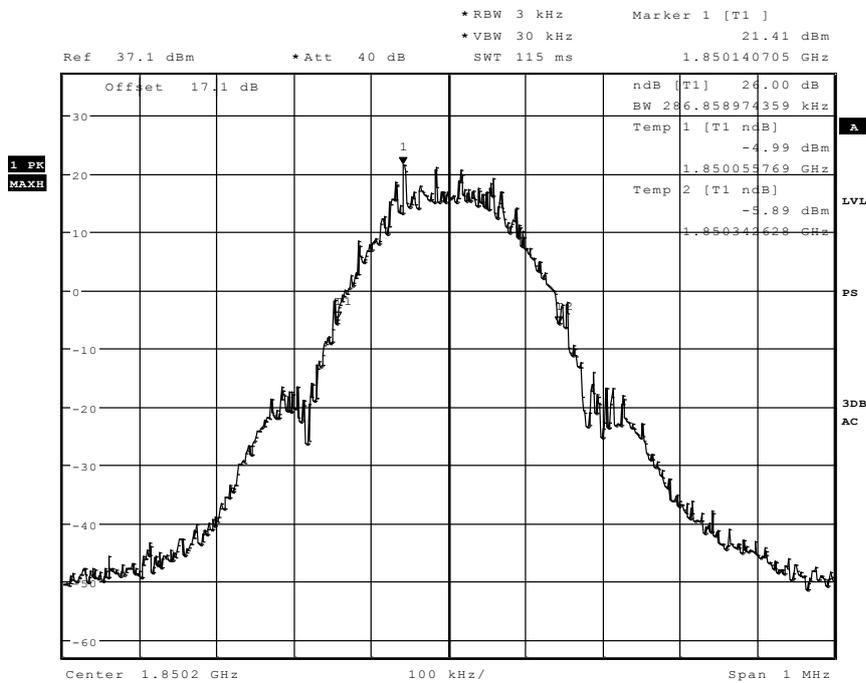
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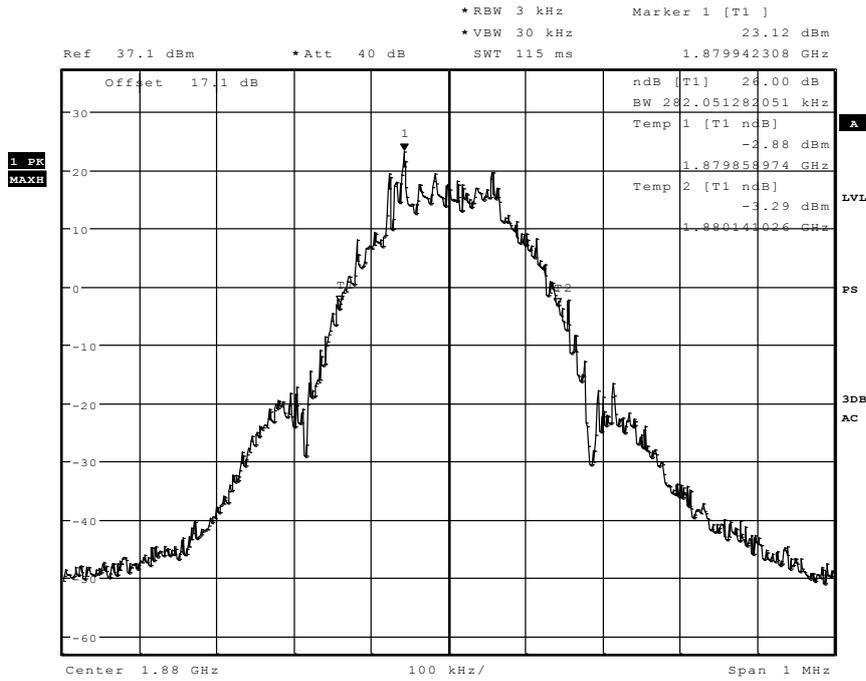
Channel 810

E-GPRS 1900



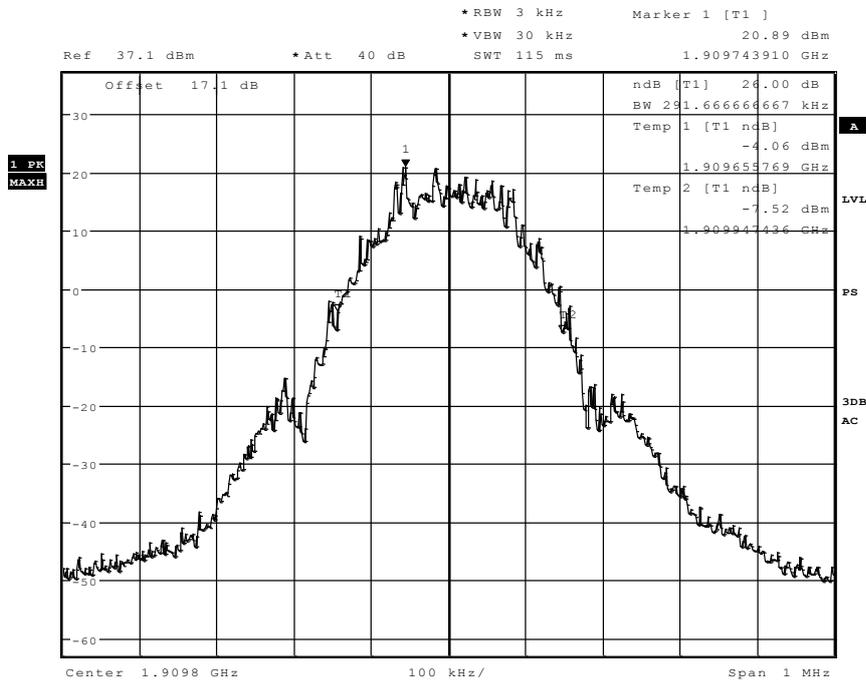
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Channel 661

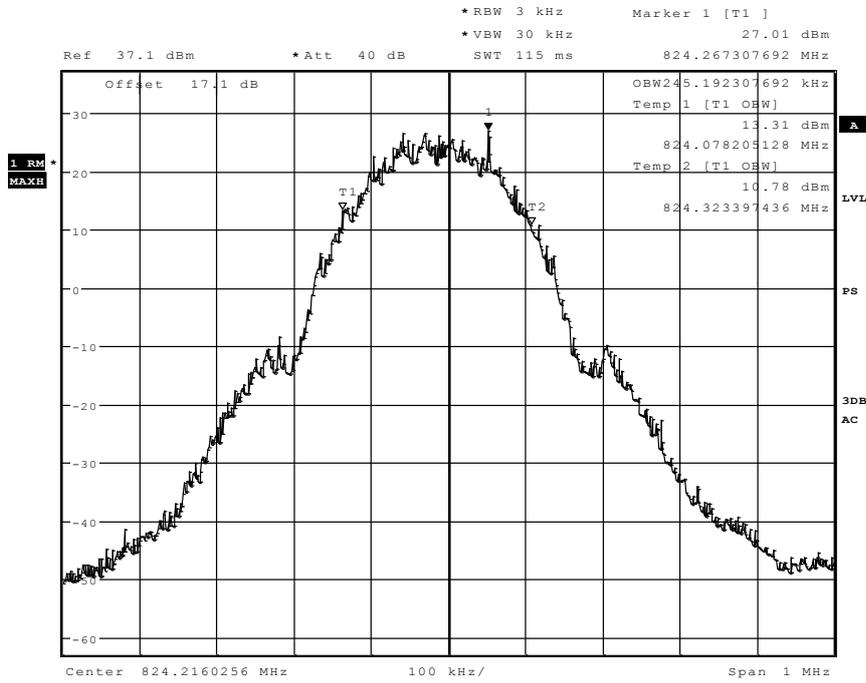


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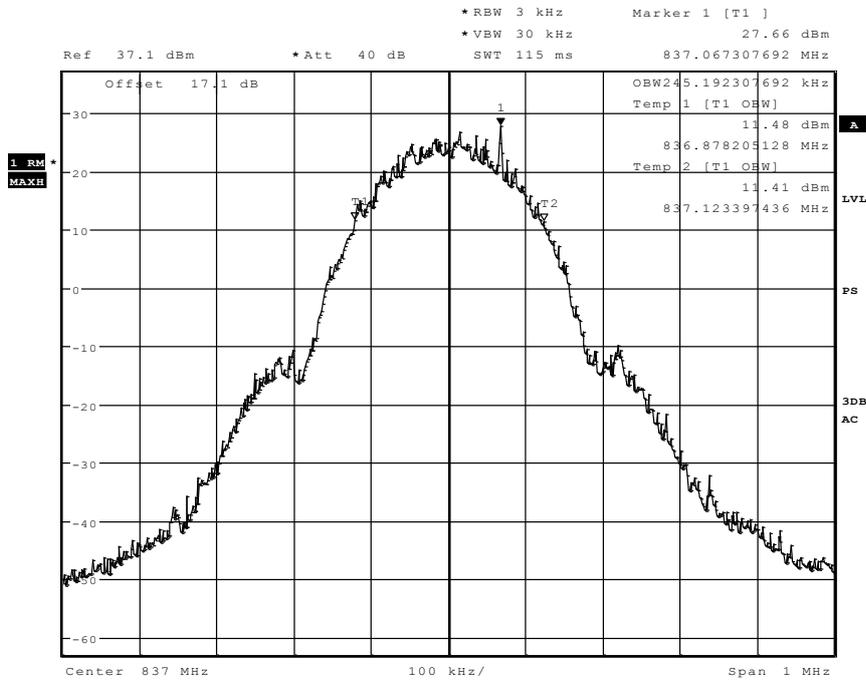
1.2. 99% Occupied bandwidth

GSM 850



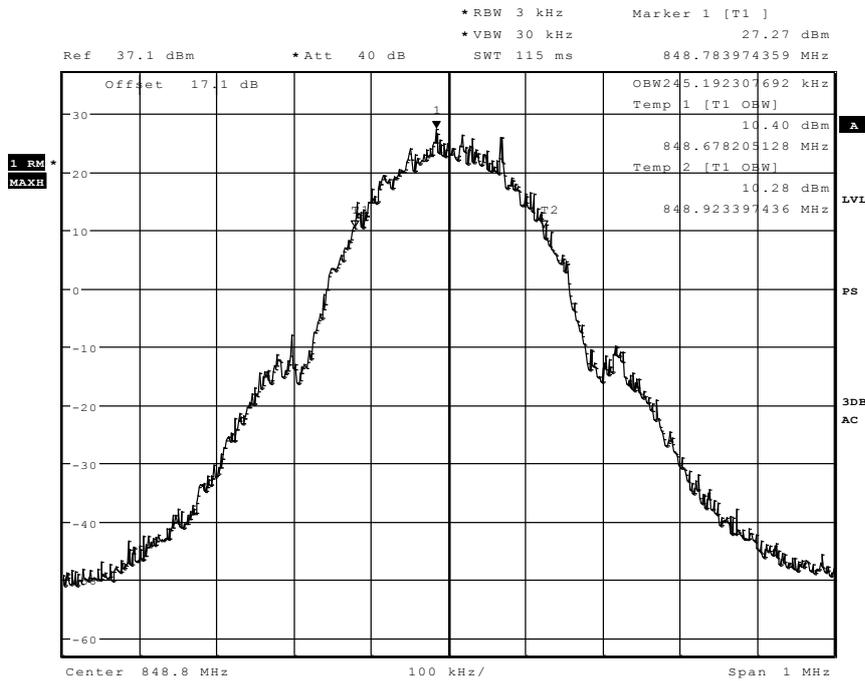
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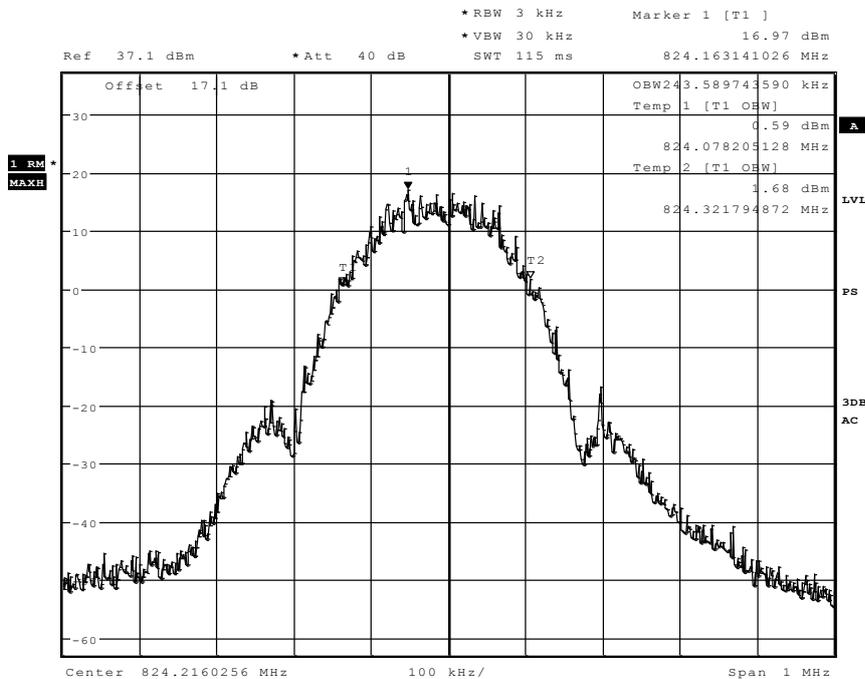
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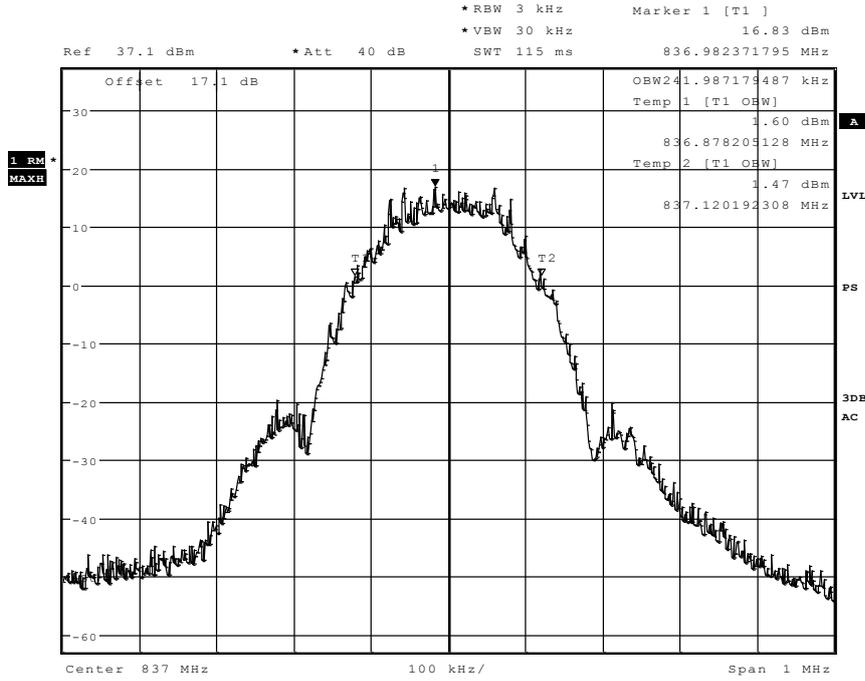
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E-GPRS 850



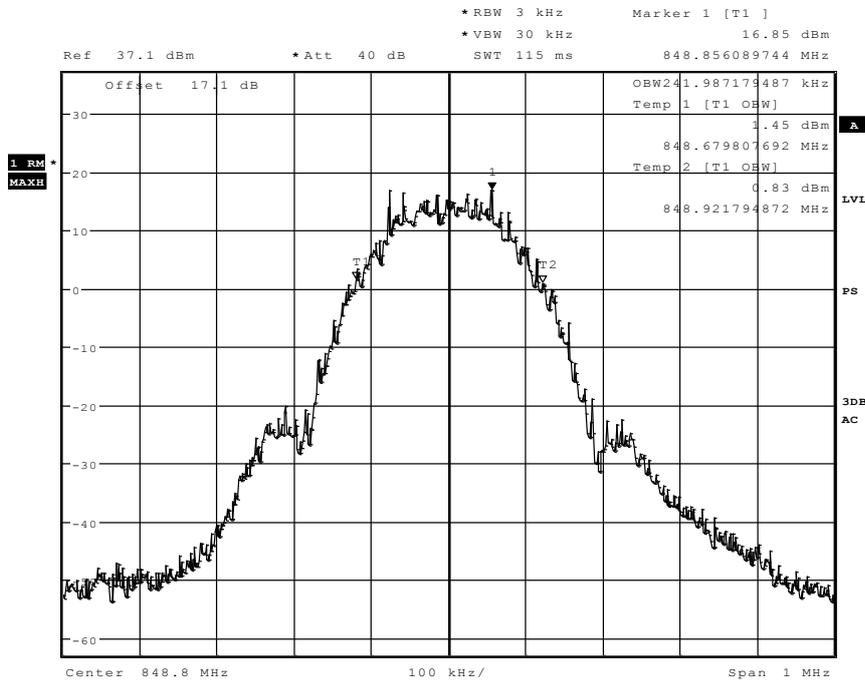
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Channel 128



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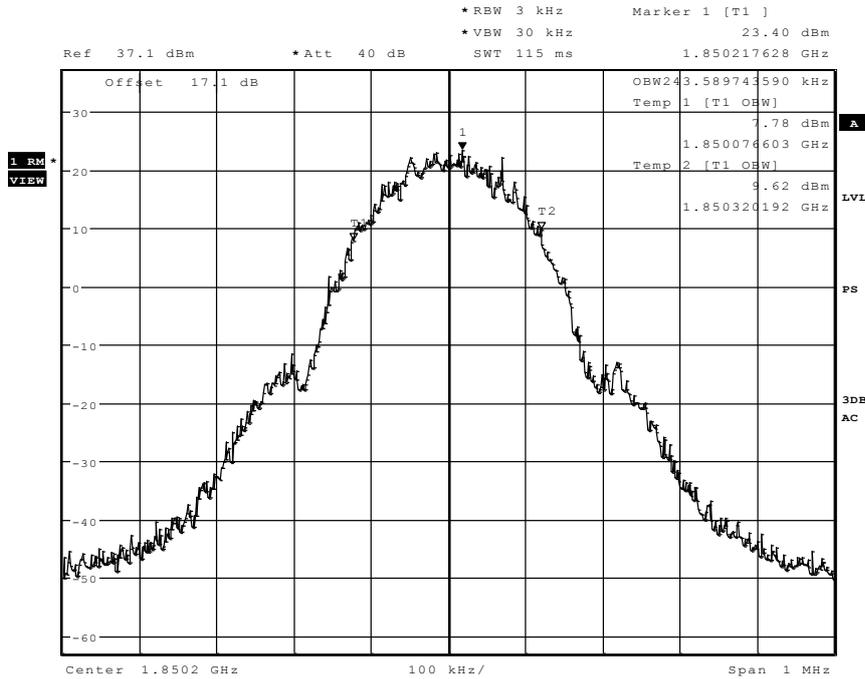
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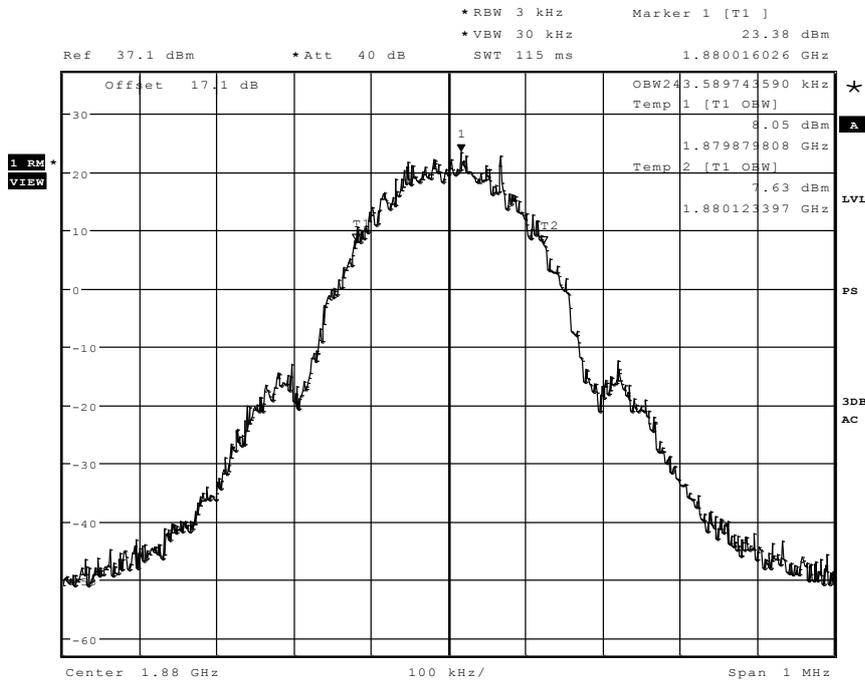
Channel 251

GSM 1900



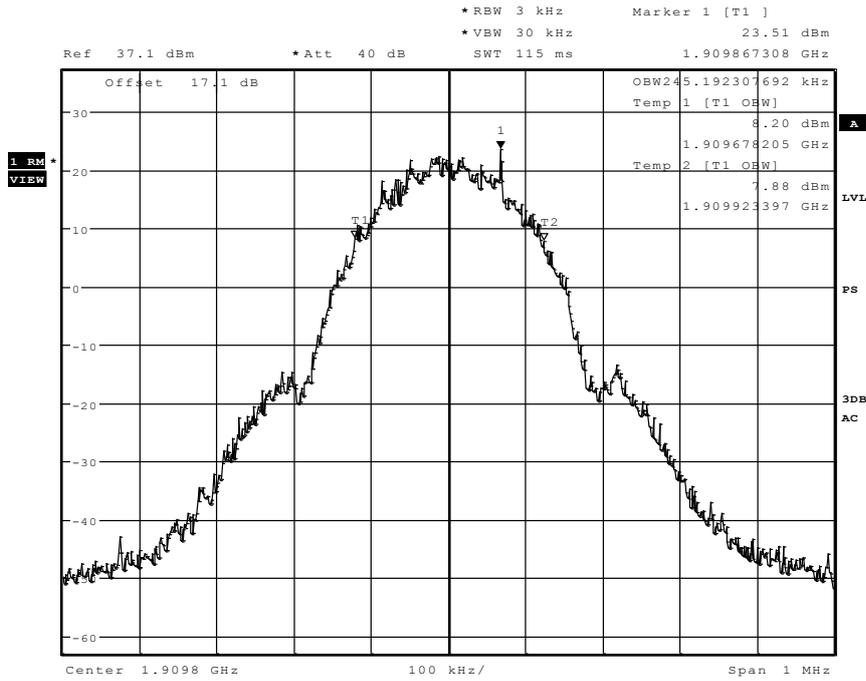
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Channel 512



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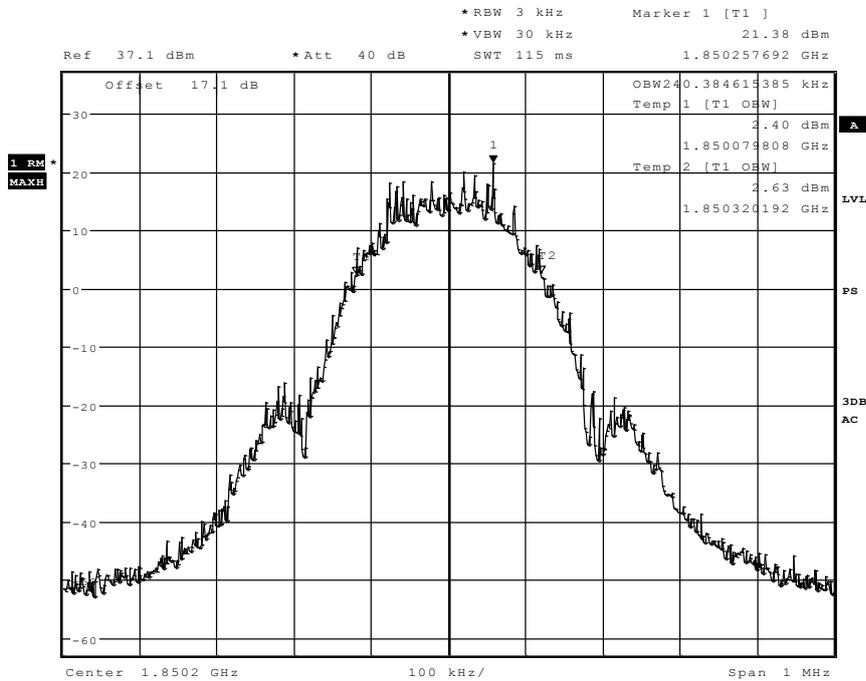
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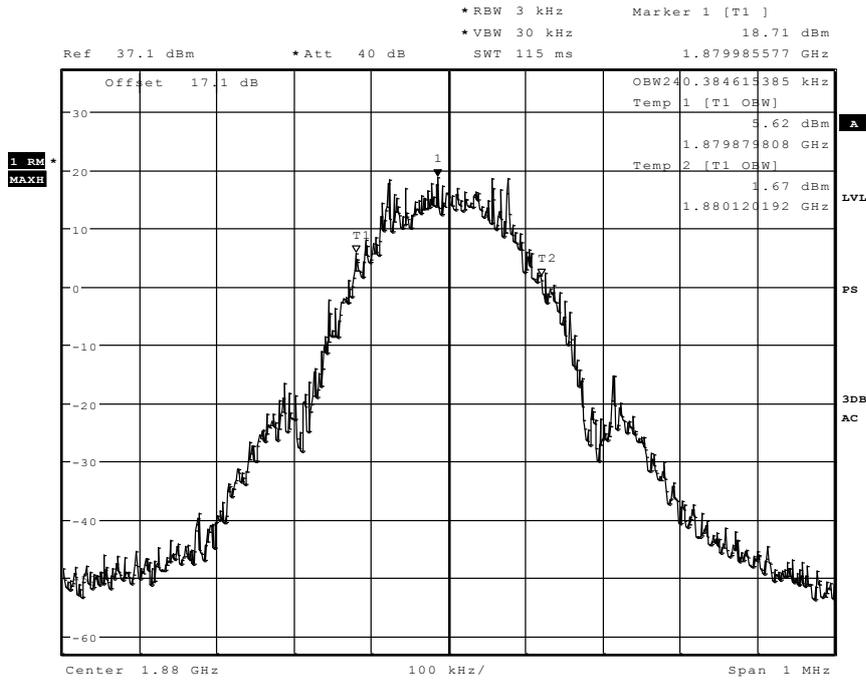
Channel 810

E-GPRS 1900



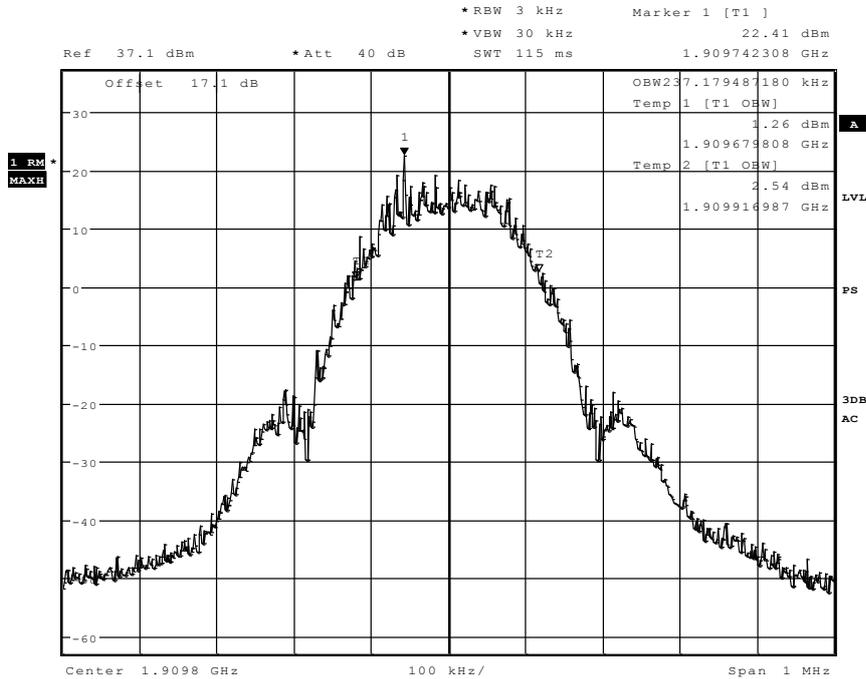
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Channel 512



Date: 28.JUL.2011 17:02:48

Channel 661



Date: 28.JUL.2011 17:00:57

Channel 810

1.3. Spurious emissions conducted – GSM850 Mode

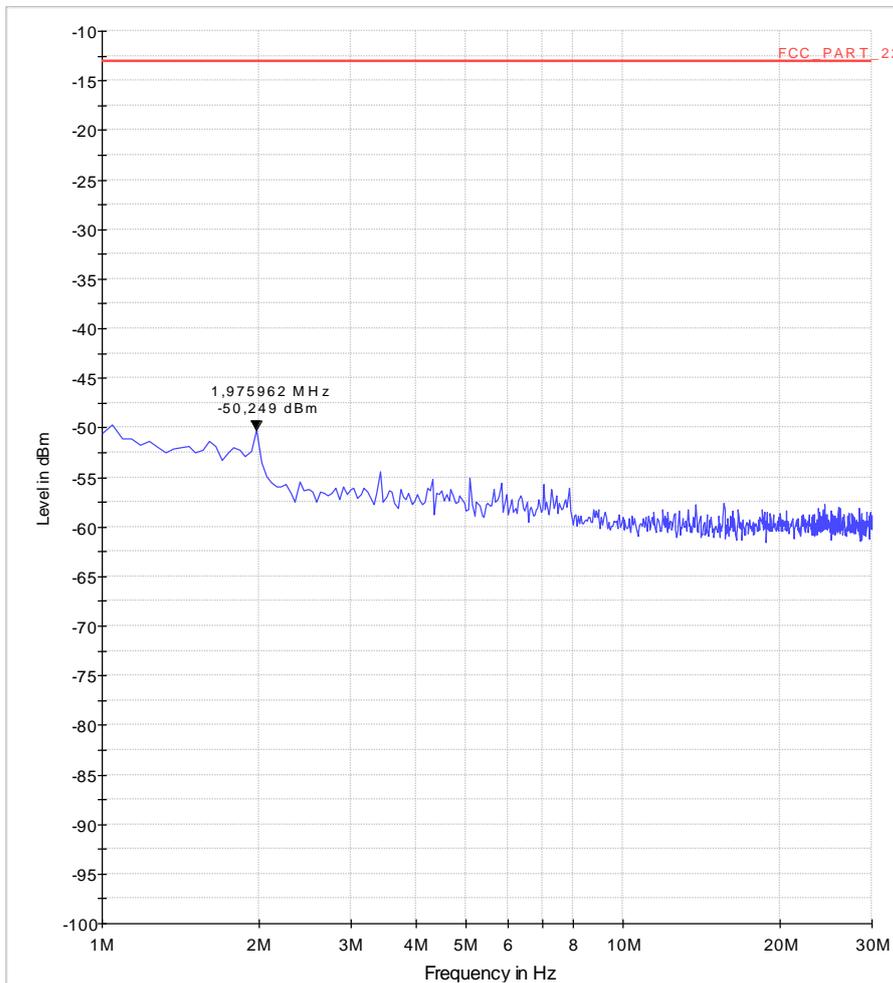


Diagram 14.01 – Channel 128

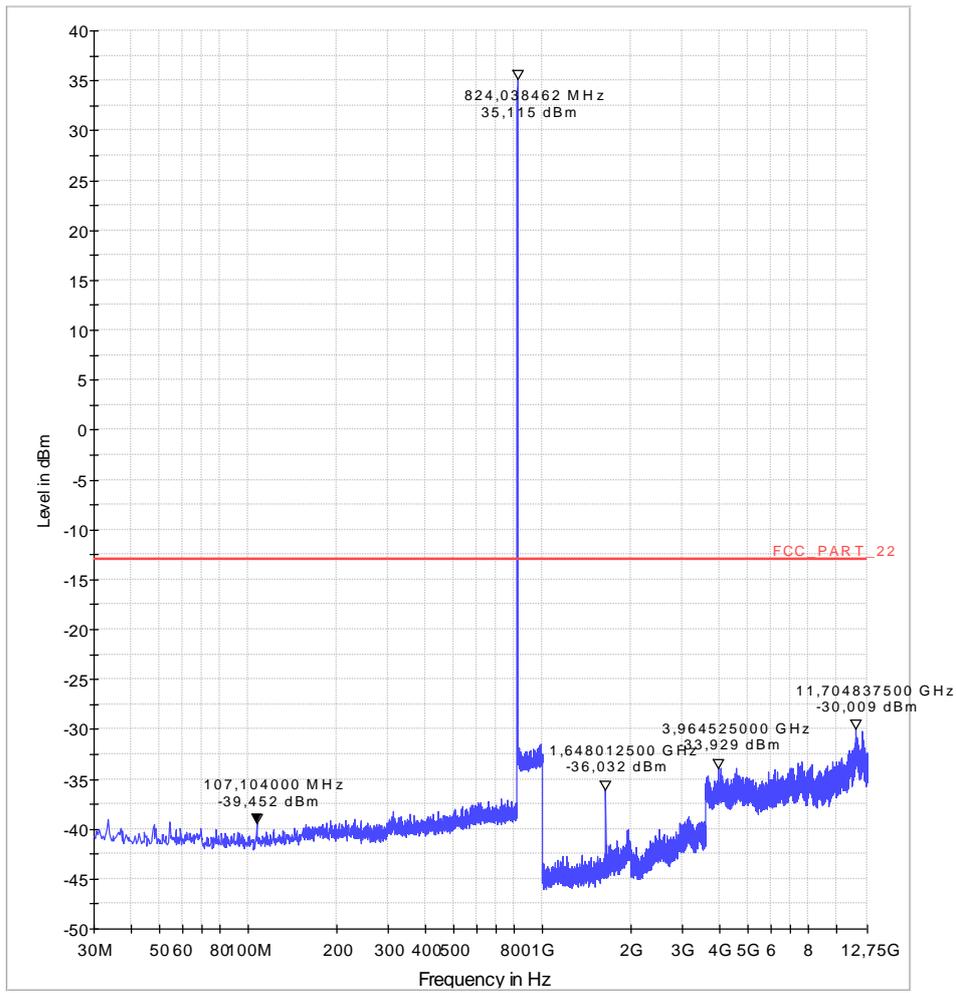


Diagram 14.04 – Channel 128

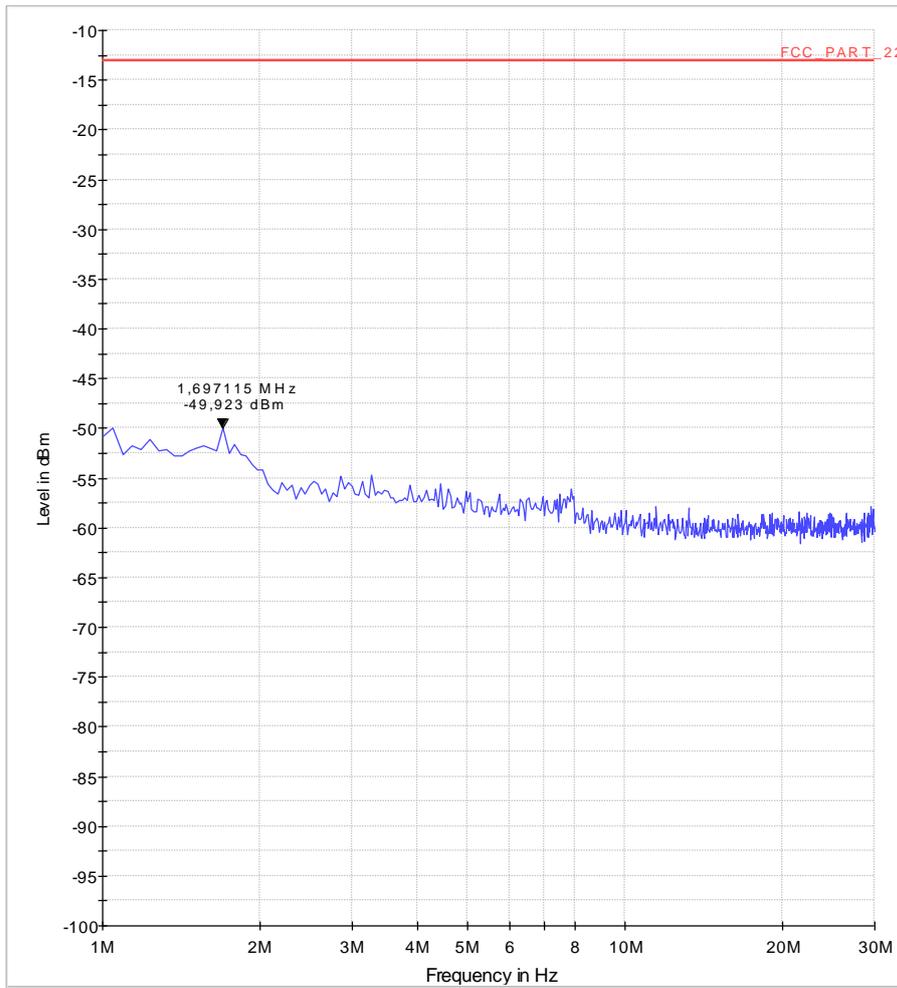


Diagram 14.02 – Channel 192

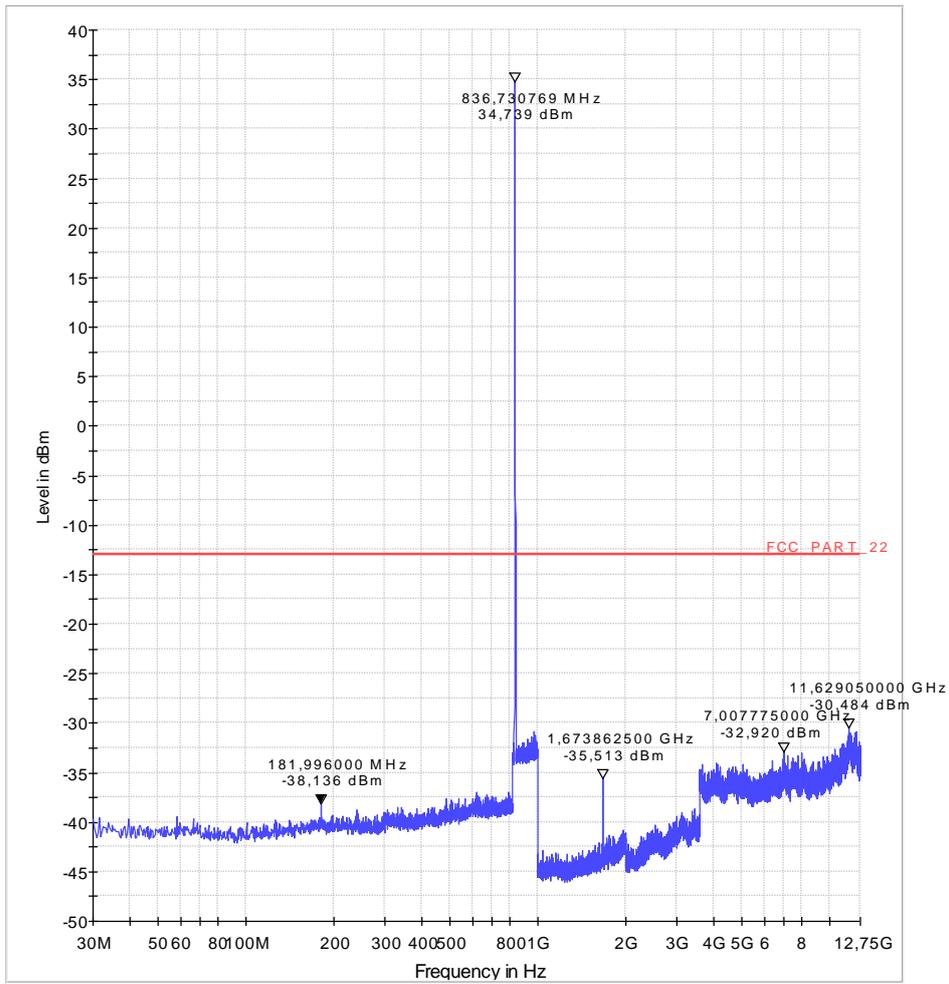


Diagram 14.05 – Channel 192

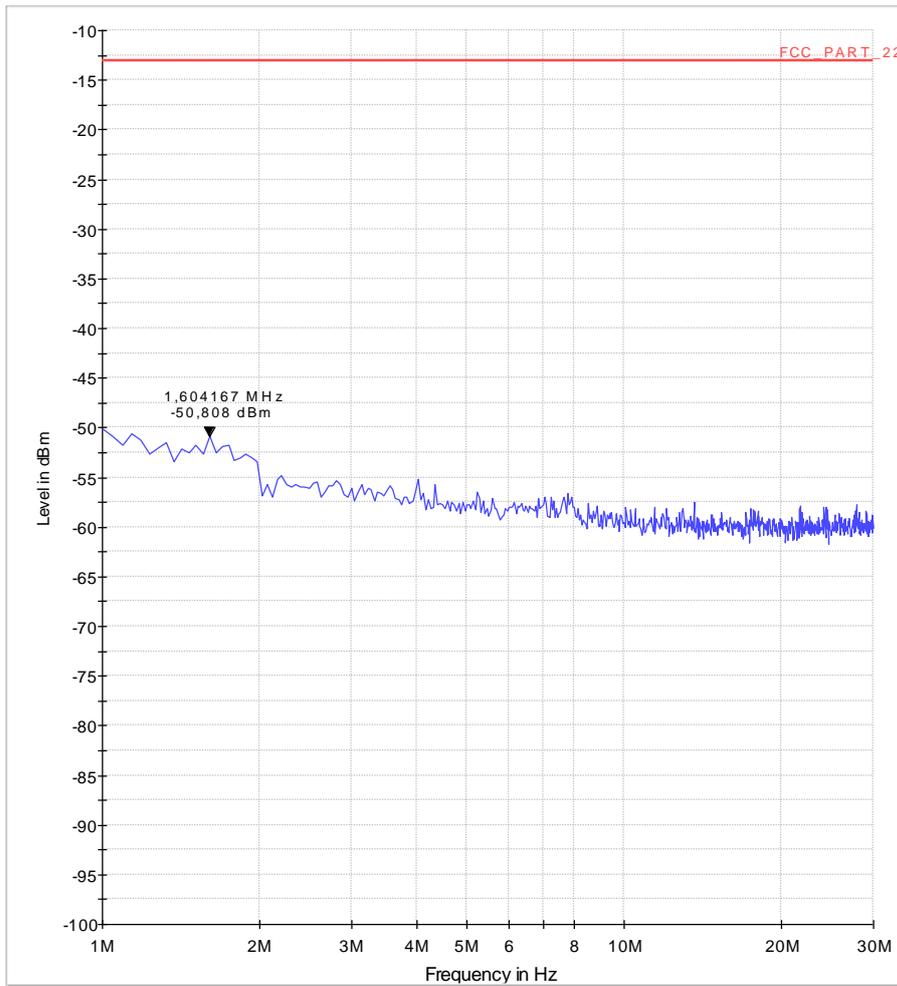


Diagram 14.03 – Channel 251

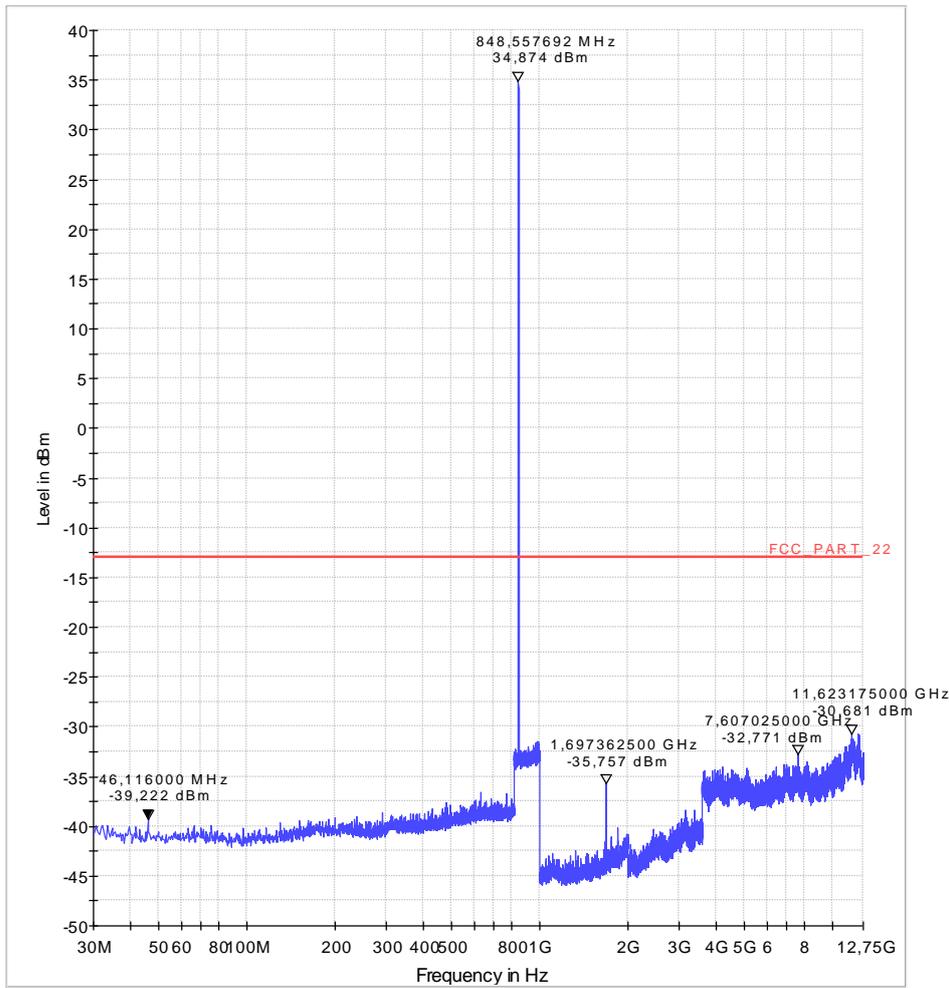


Diagram 14.06 – Channel 251

Band-Edge compliance conducted– GSM850

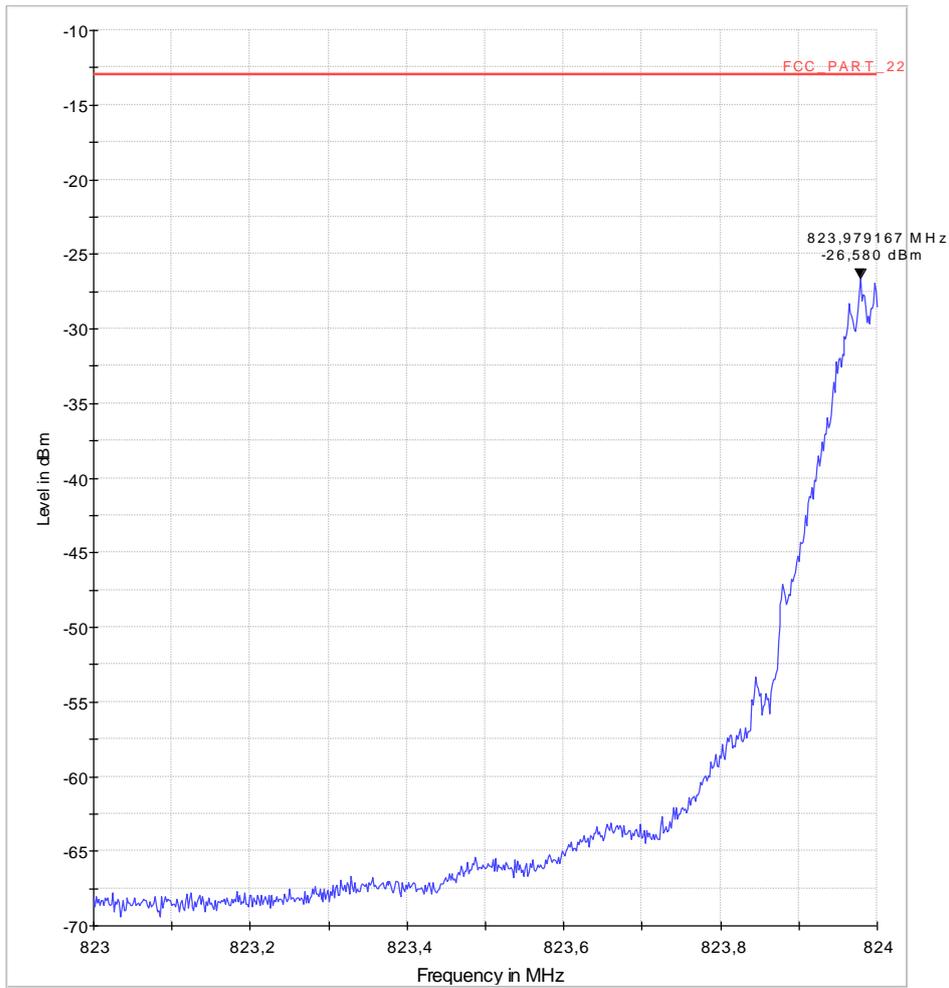


Diagram 14.07 Band Edge Channel 128

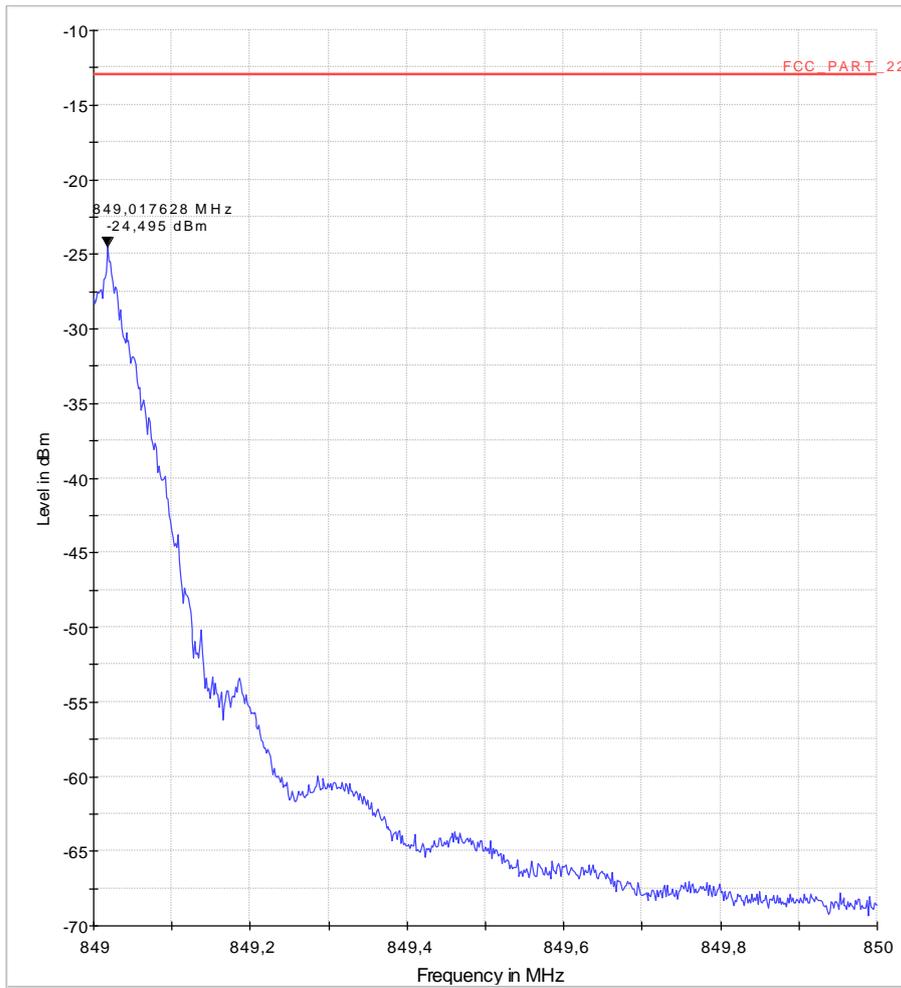


Diagram 14.08 Band Edge Channel 251

1.4. Spurious emissions conducted – GSM1900 Mode

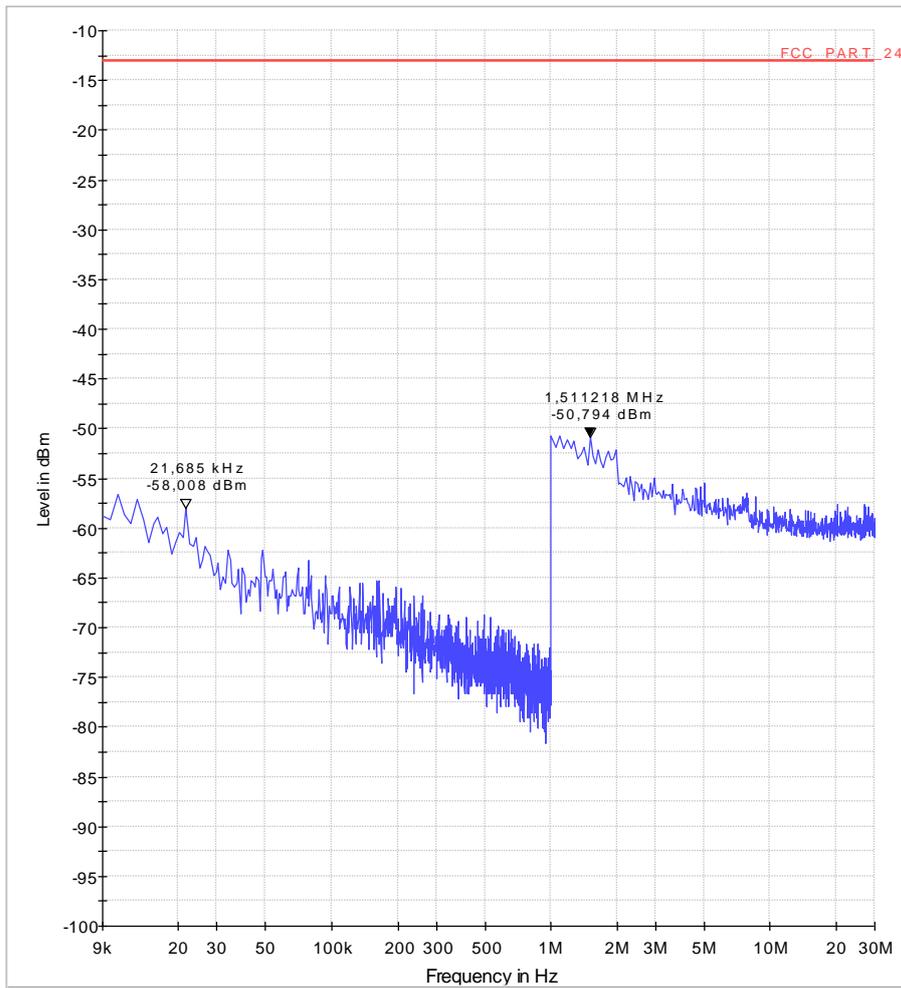


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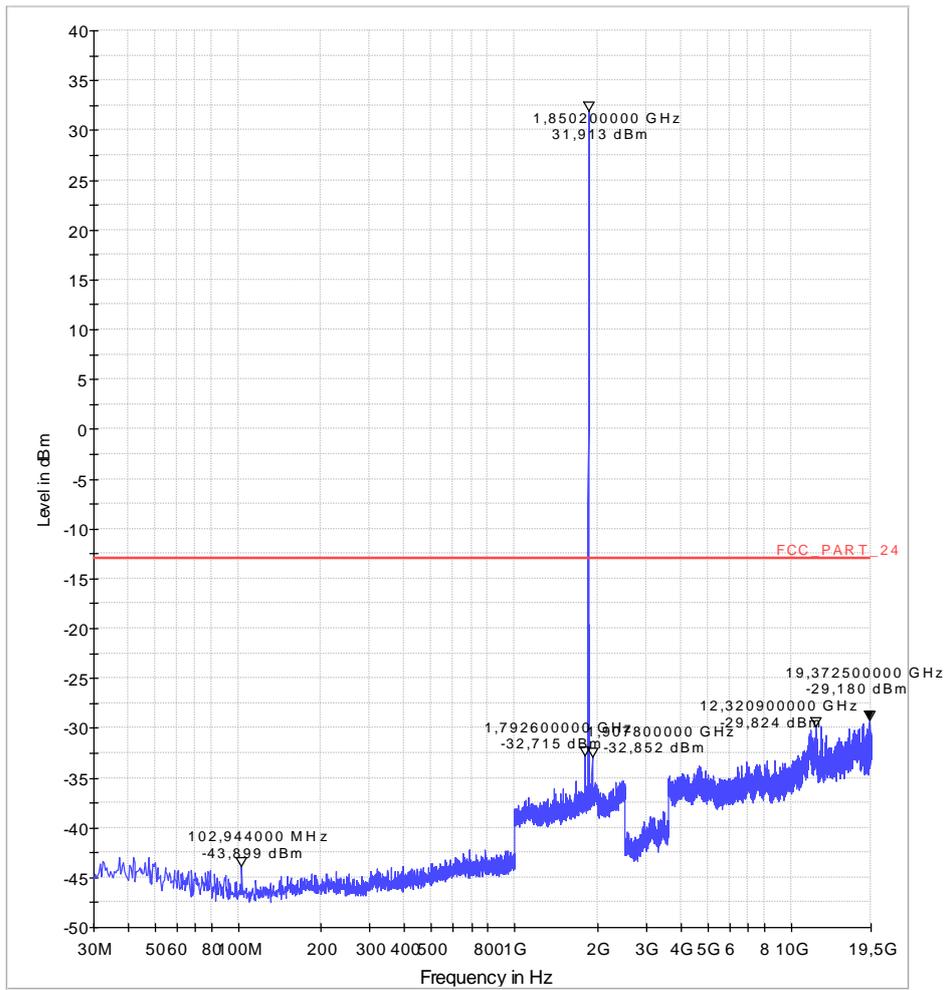


Diagram 14.12 – Channel 512

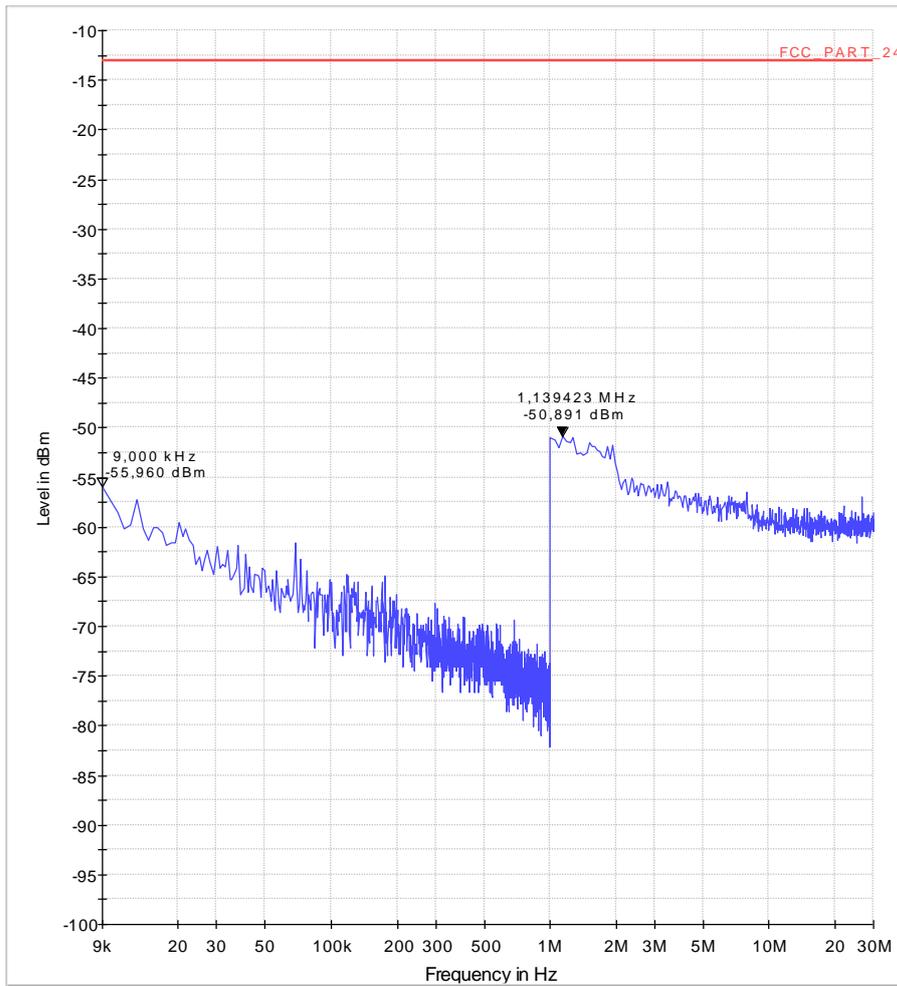


Diagram 14.10 – Channel 661

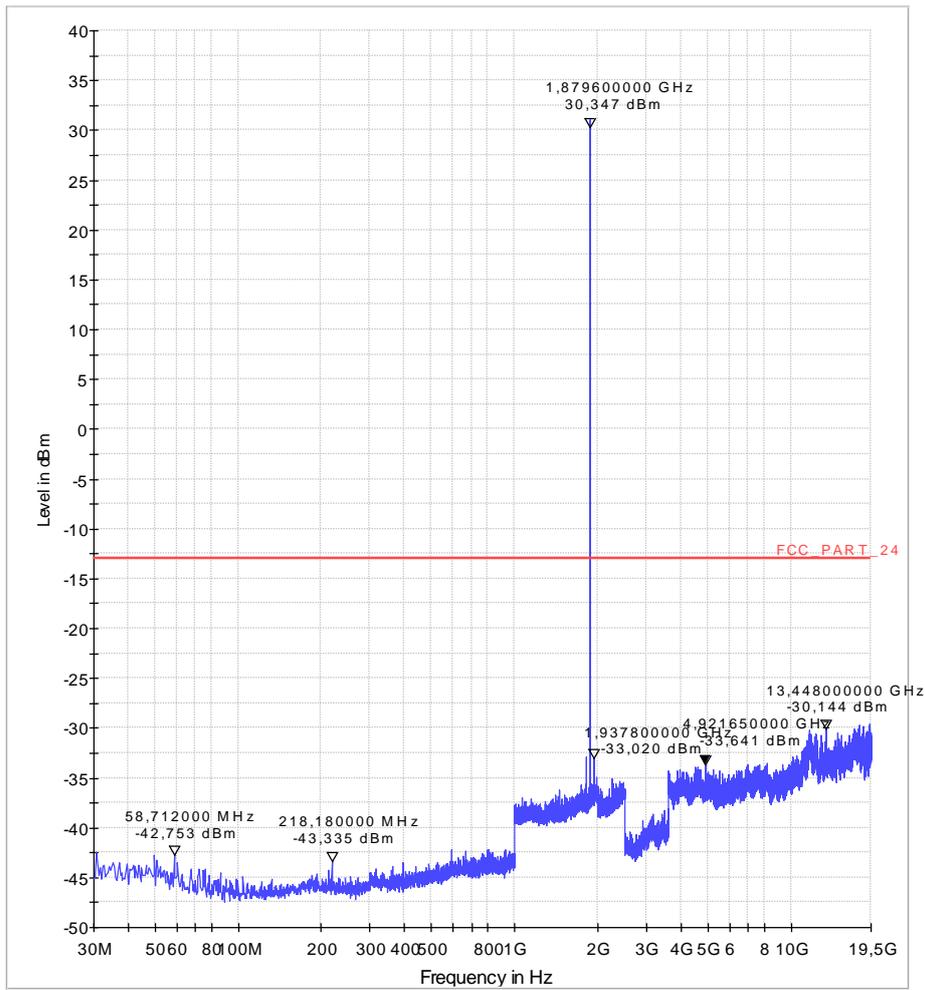


Diagram 14.13 – Channel 661

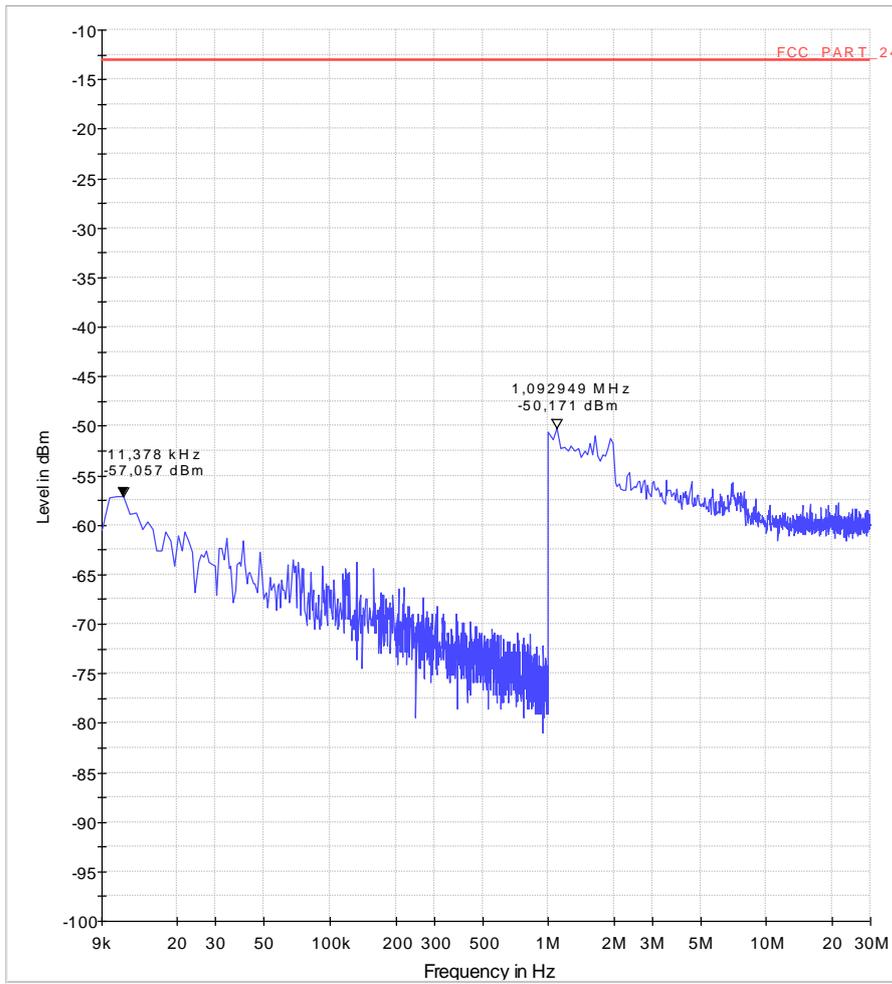


Diagram 14.11 – Channel 810

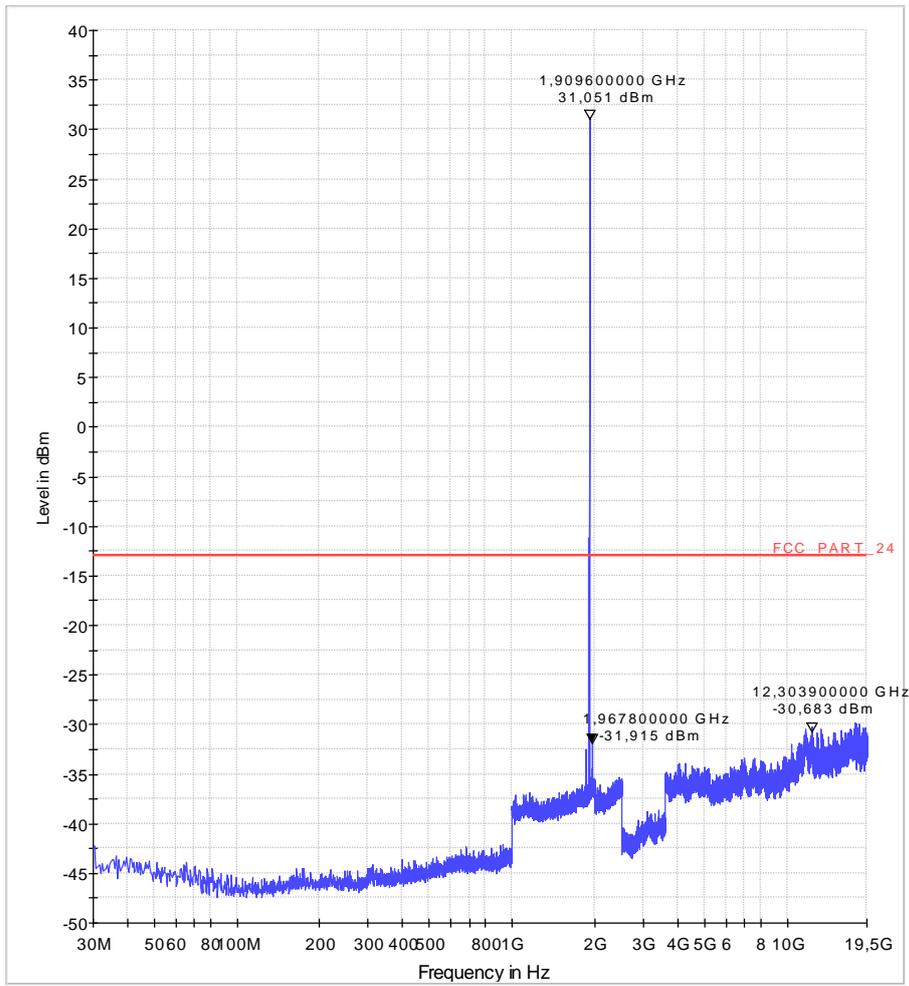


Diagram 14.14 – Channel 810

Band-Edge compliance conducted – GSM1900

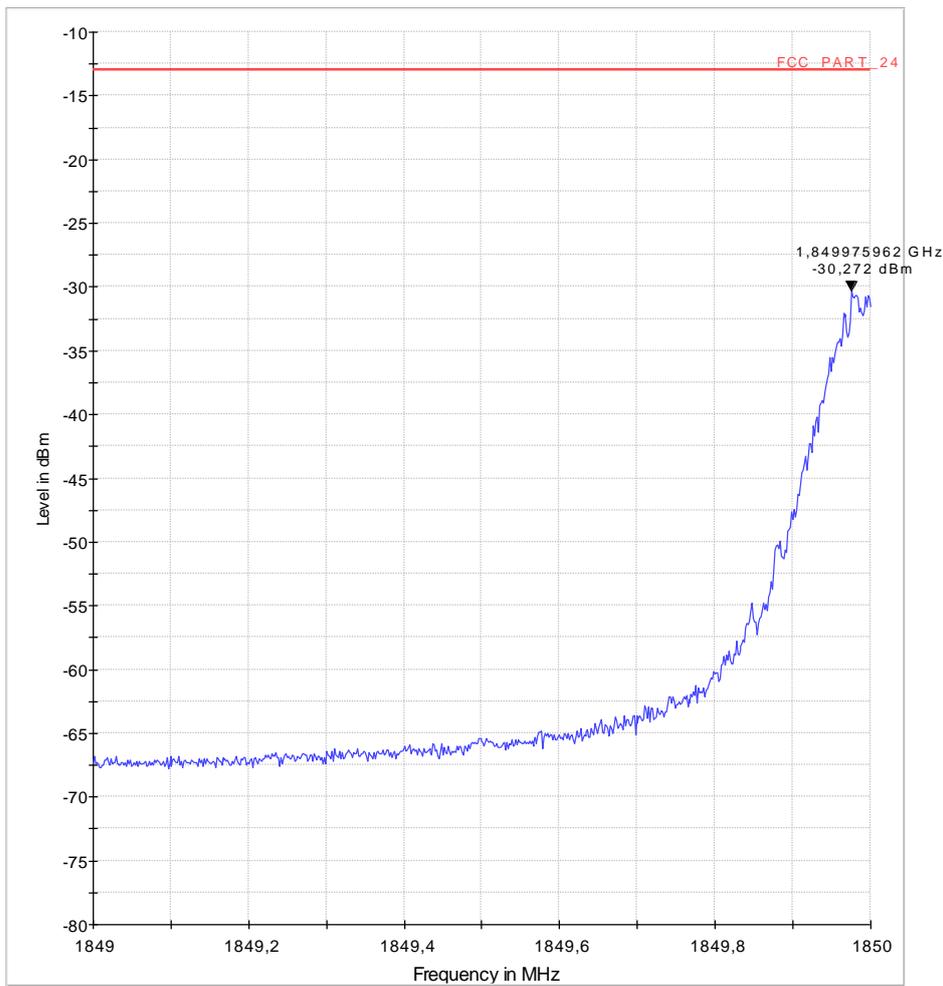


Diagram 14.15: Band Edge Channel 512

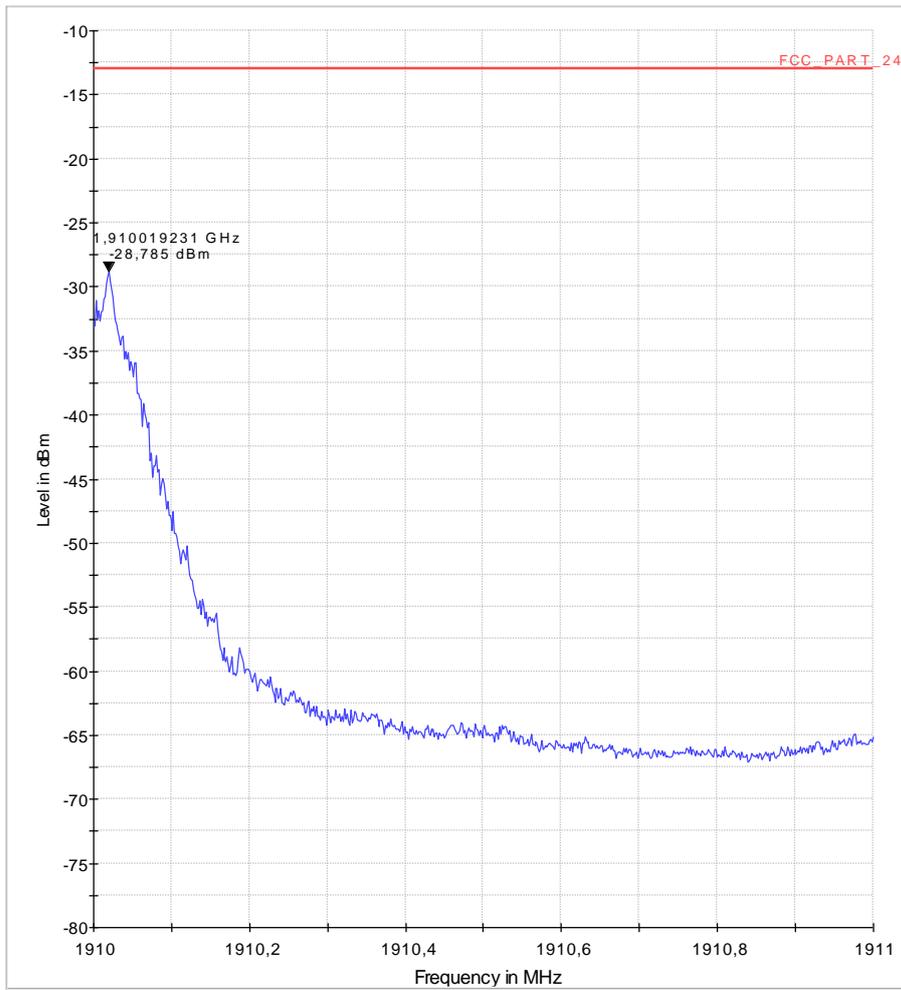
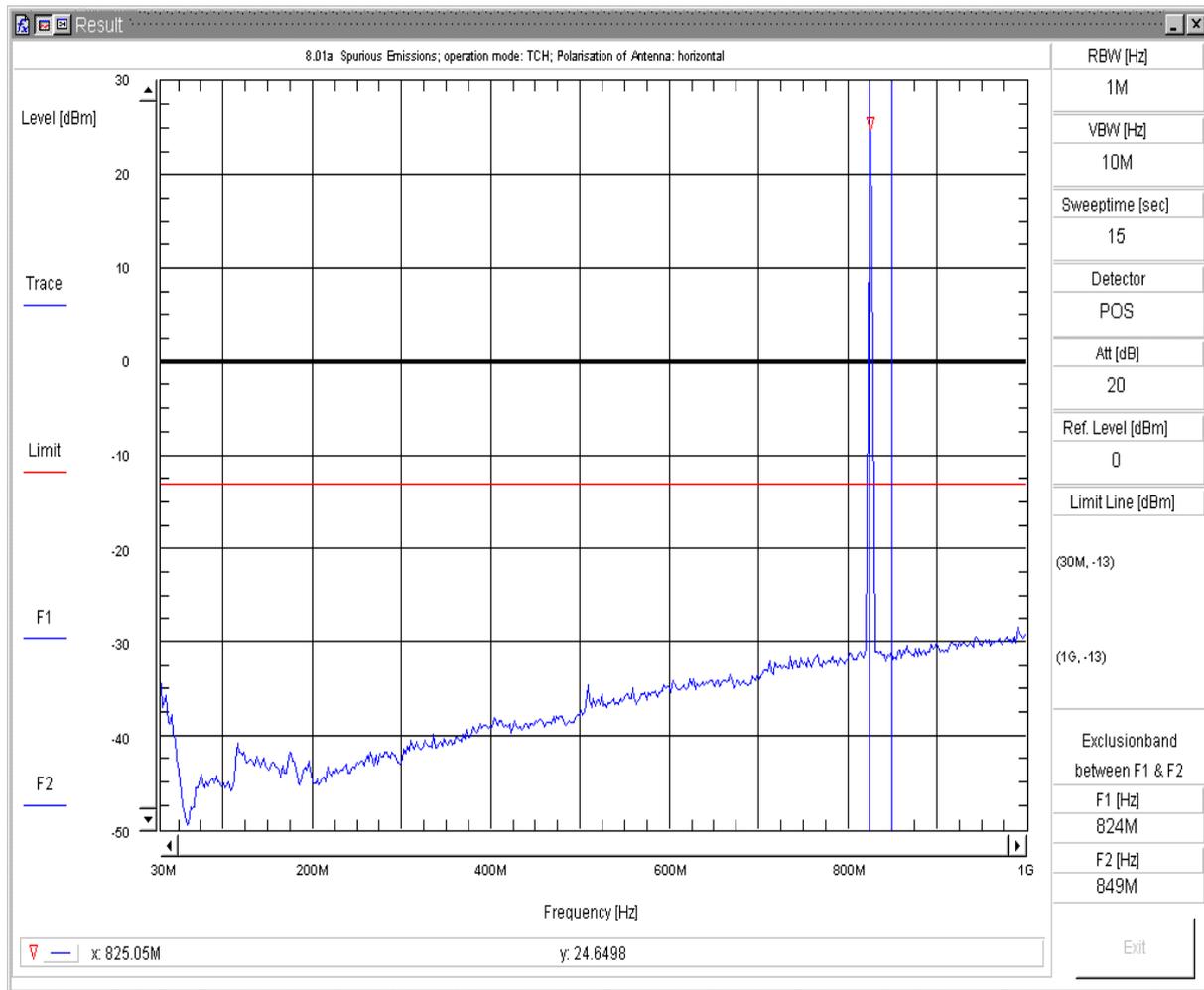


Diagram 14.16: Band Edge Channel 810

1.5. Spurious emissions radiated – GSM850 Mode

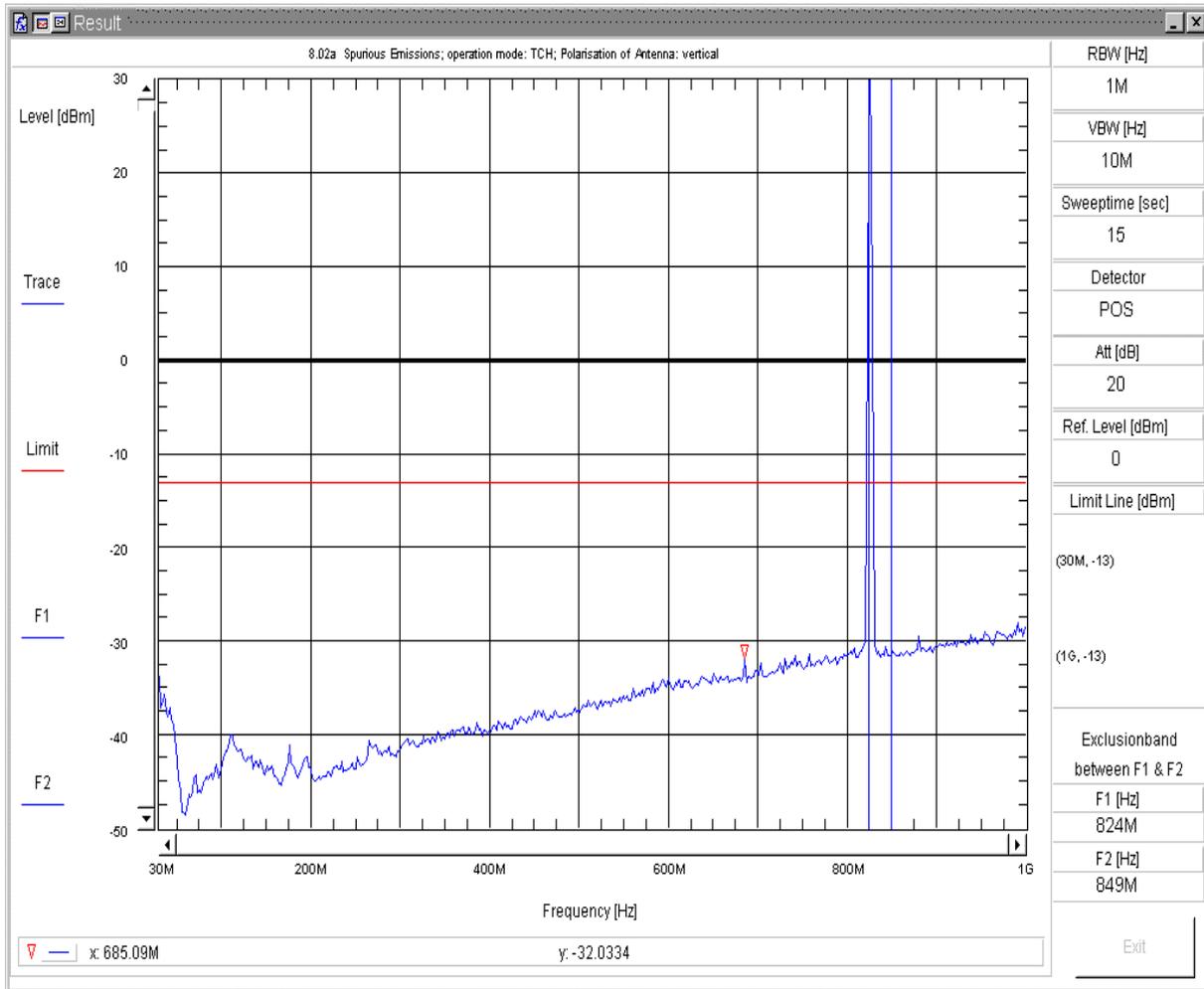


8.01a Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: chaannel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 08:35:19ppf

Spurious Emissions V7.2.5

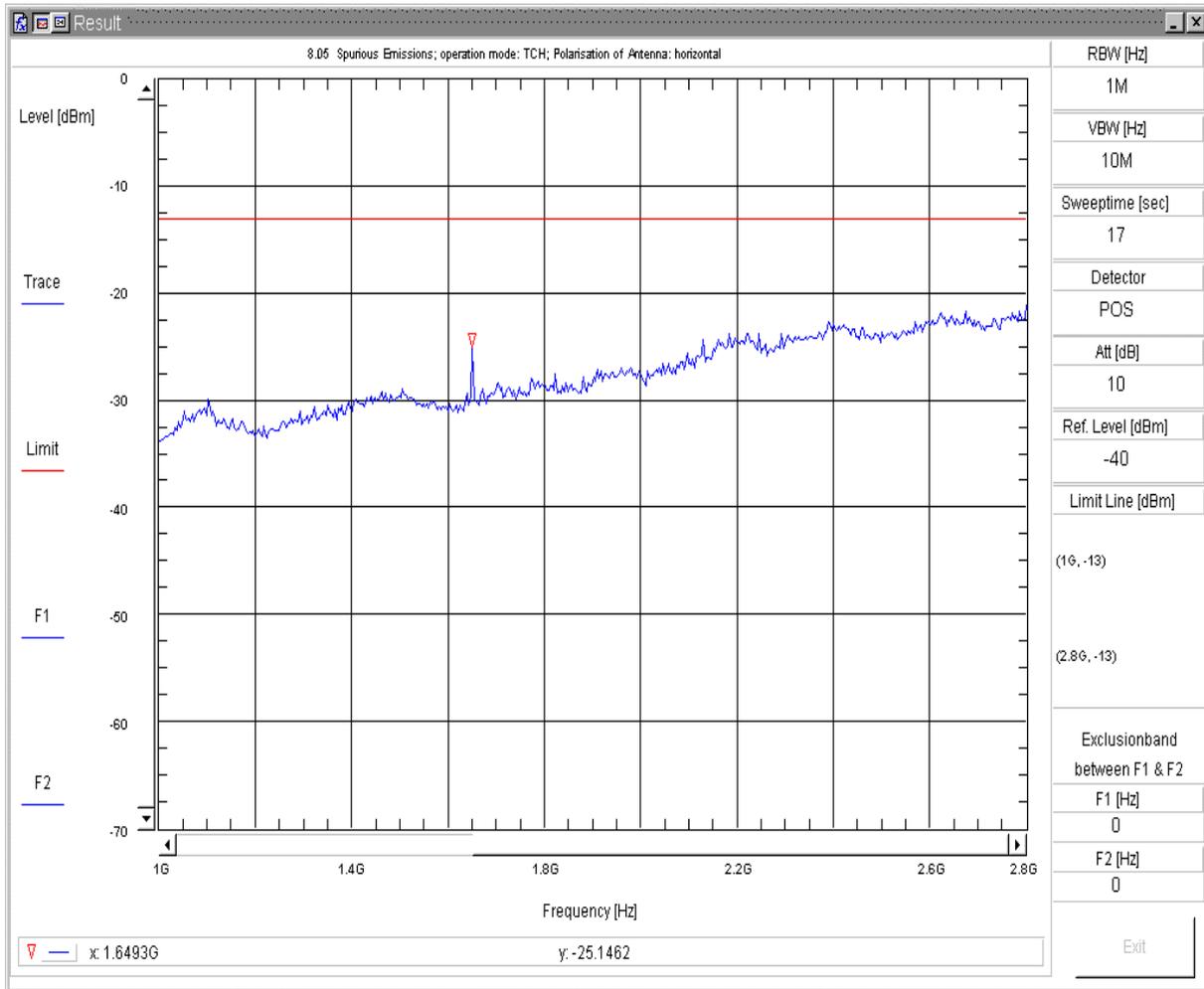


8.02a Radiated Spurious Emission

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 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: Channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 08:39:40ppf

Spurious Emissions V7.2.5

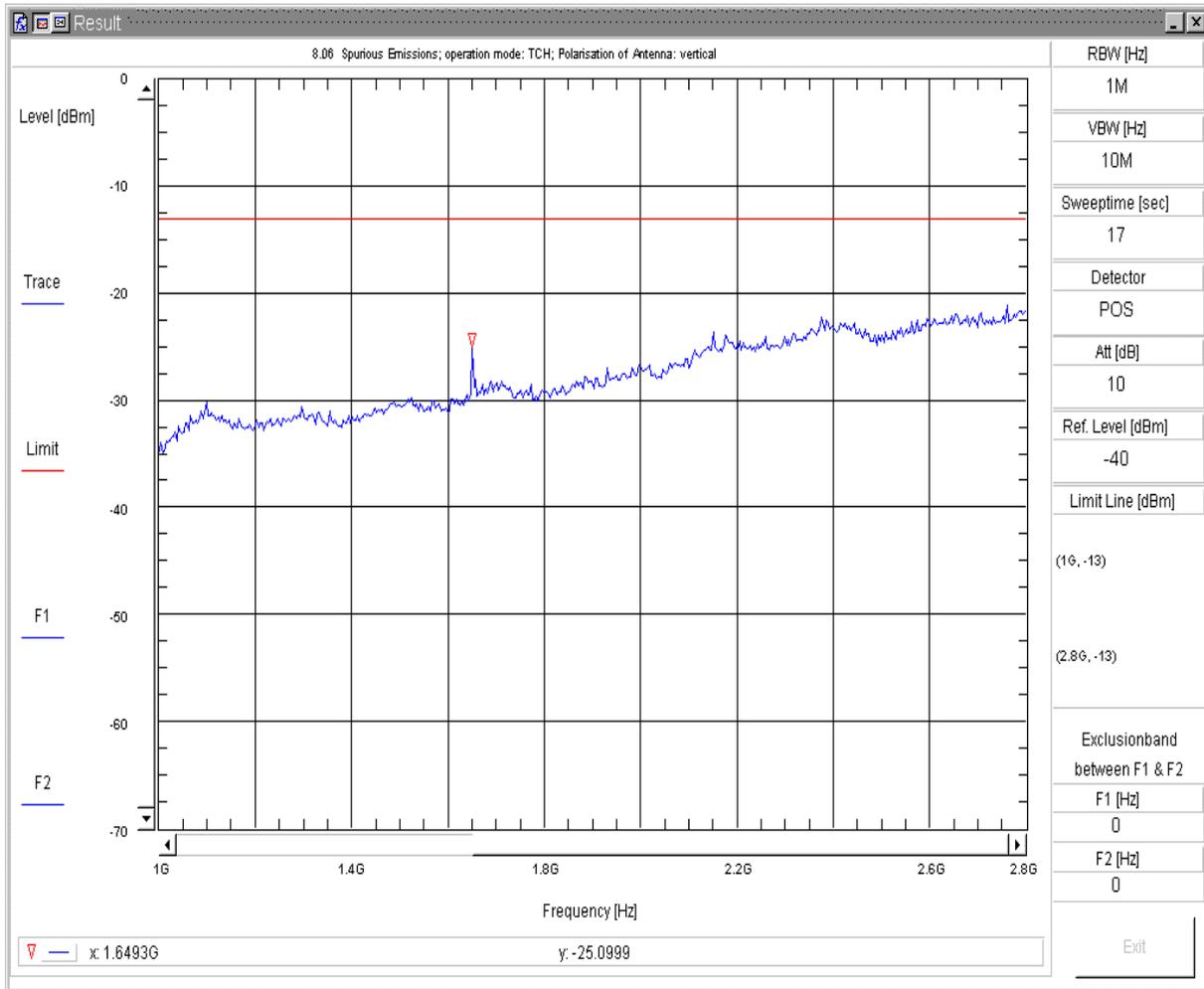


8.05 Radiated Spurious Emission

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 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 128
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 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 08:51:25fp

Spurious Emissions V7.2.5

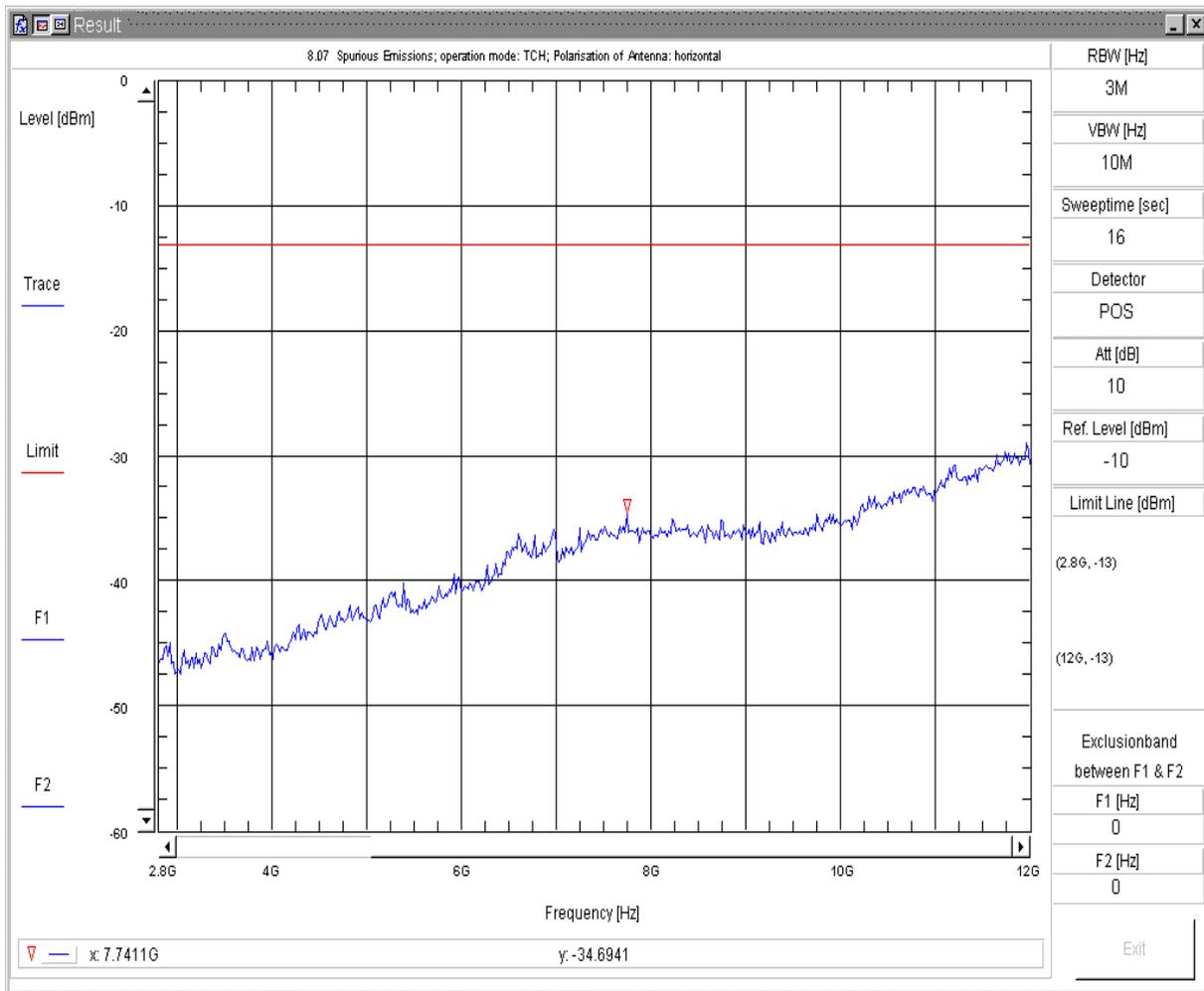


8.06 Radiated Spurious Emission

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 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
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 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

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Spurious Emissions V7.2.5

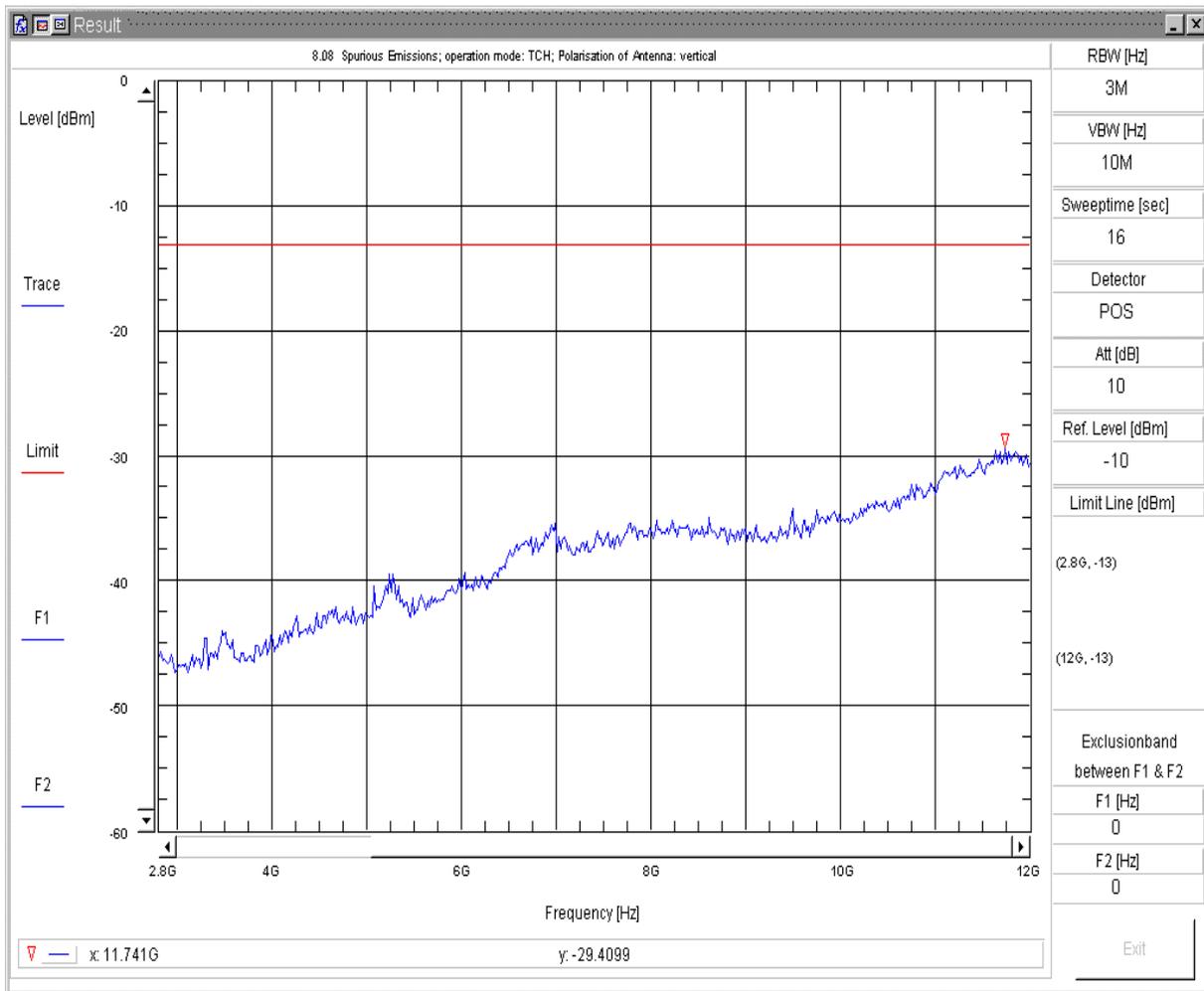


8.07 Radiated Spurious Emission

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 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
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 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
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 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:05:15p

Spurious Emissions V7.2.5

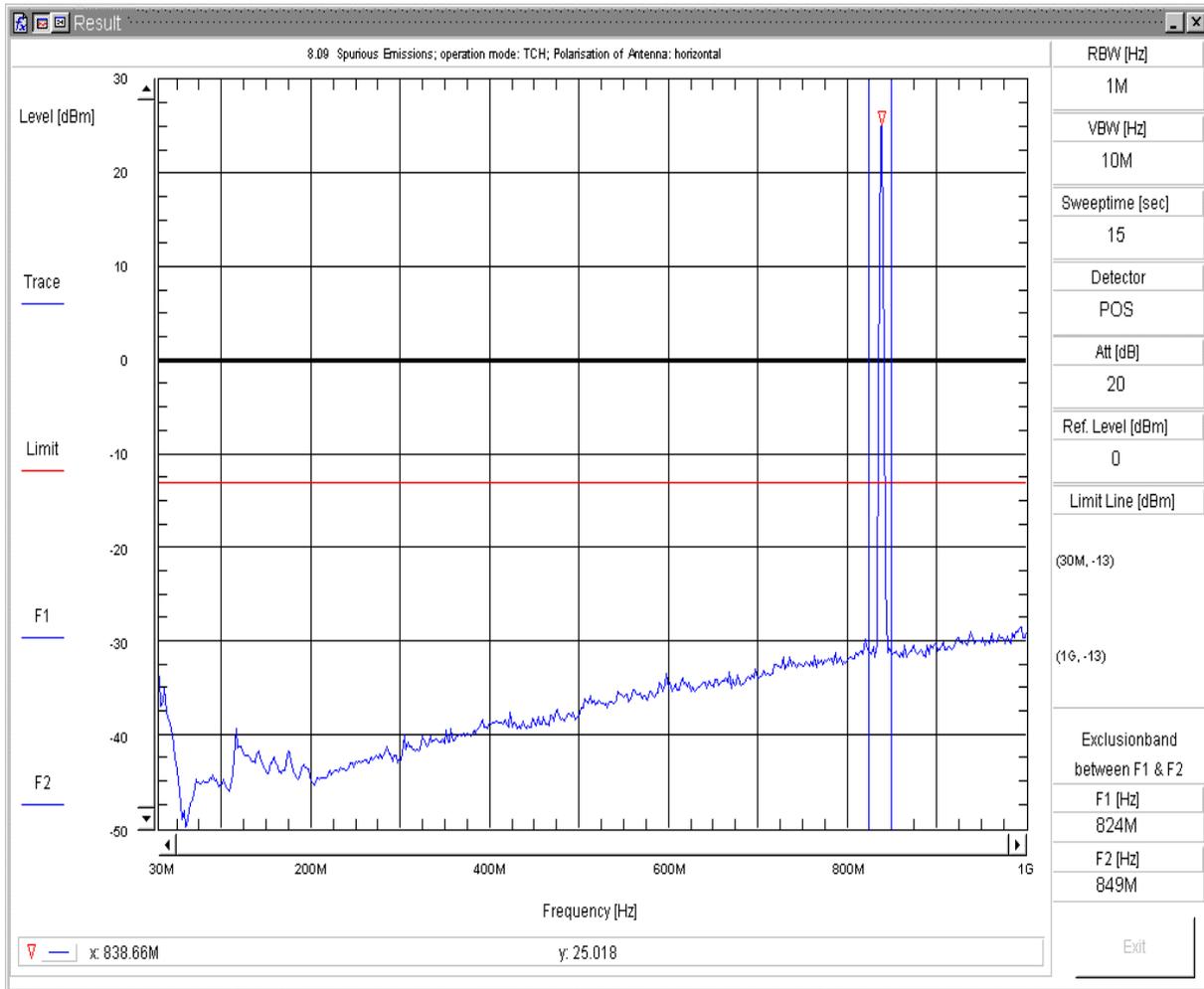


8.08 Radiated Spurious Emission

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 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
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 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:11:40pf

Spurious Emissions V7.2.5

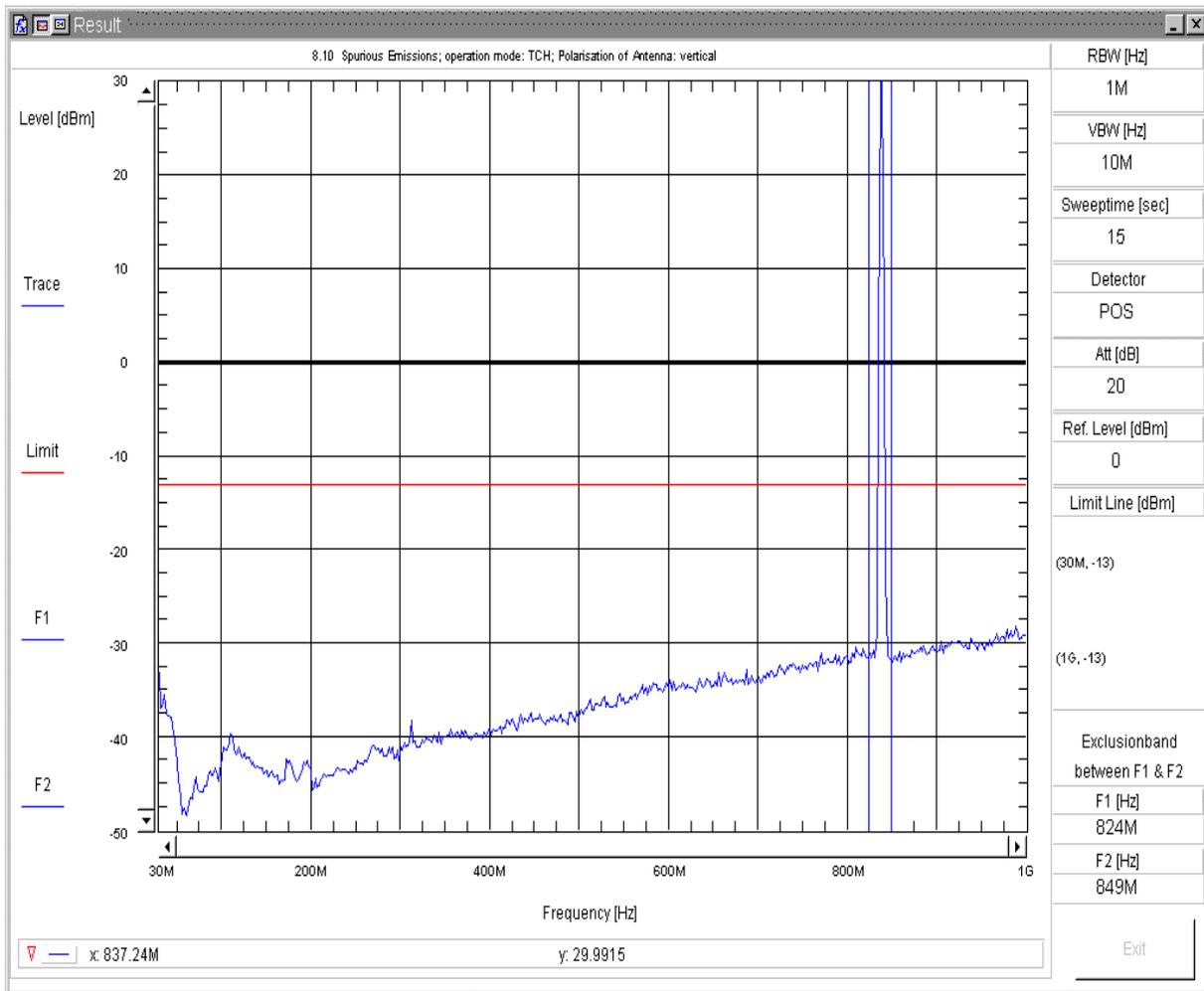


8.09 Radiated Spurious Emission

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 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:18:47ppf

Spurious Emissions V7.2.5

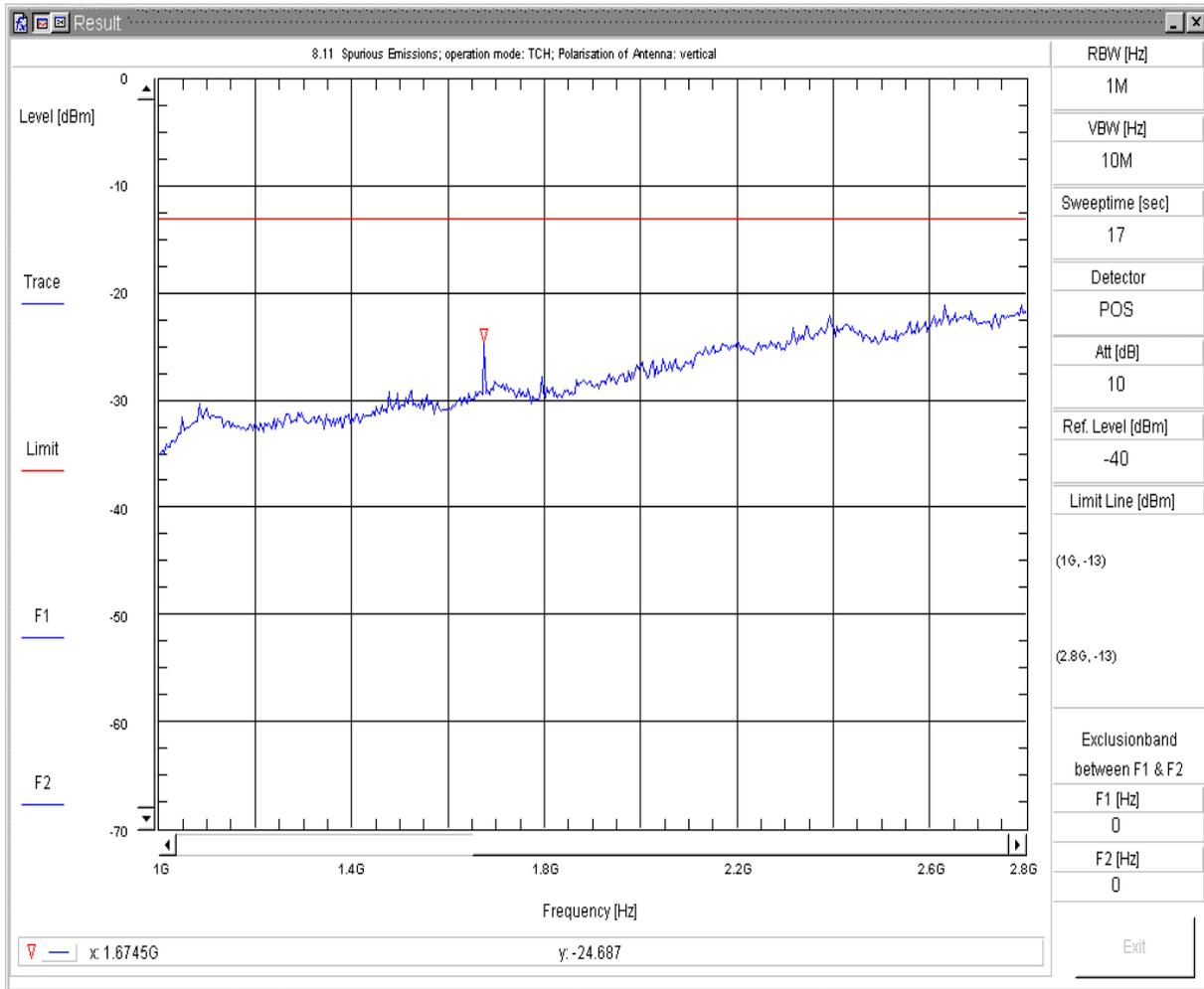


8.10 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_V
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 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:22:57ppf

Spurious Emissions V7.2.5

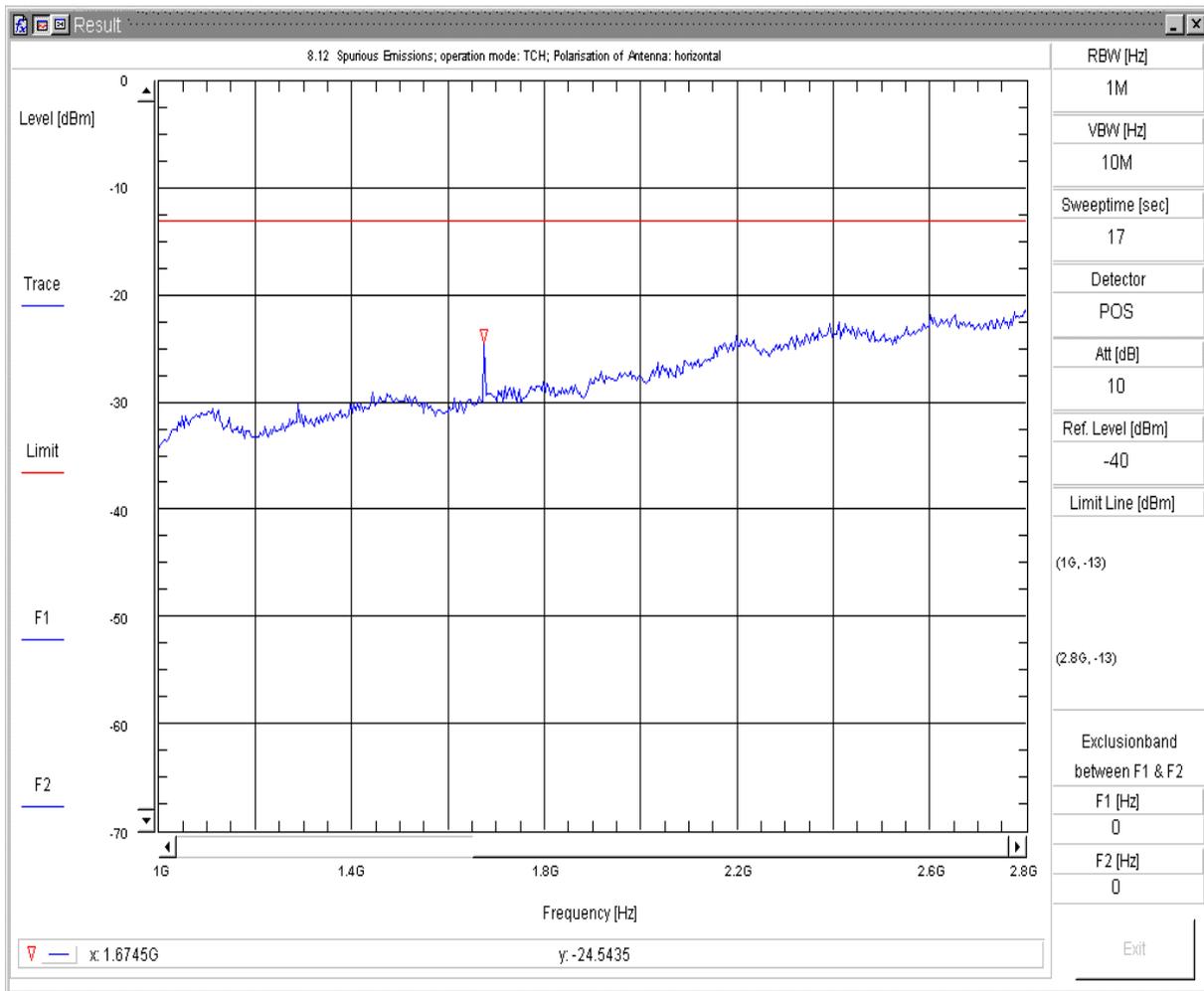


8.11 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_V
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 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:27:27pp

Spurious Emissions V7.2.5

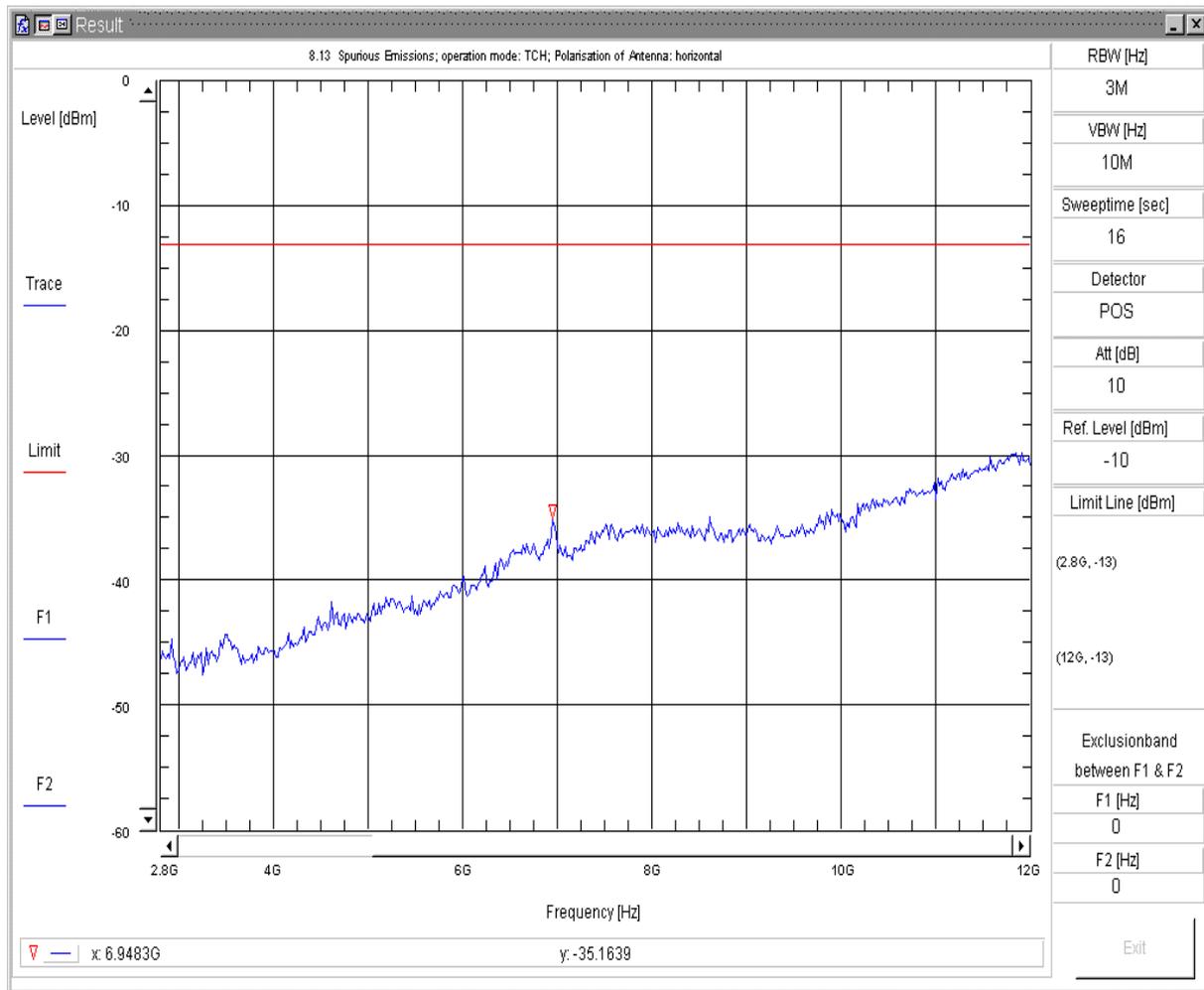


8.12 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_H
 Sweepnr: Sweep4
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:34:19fp

Spurious Emissions V7.2.5

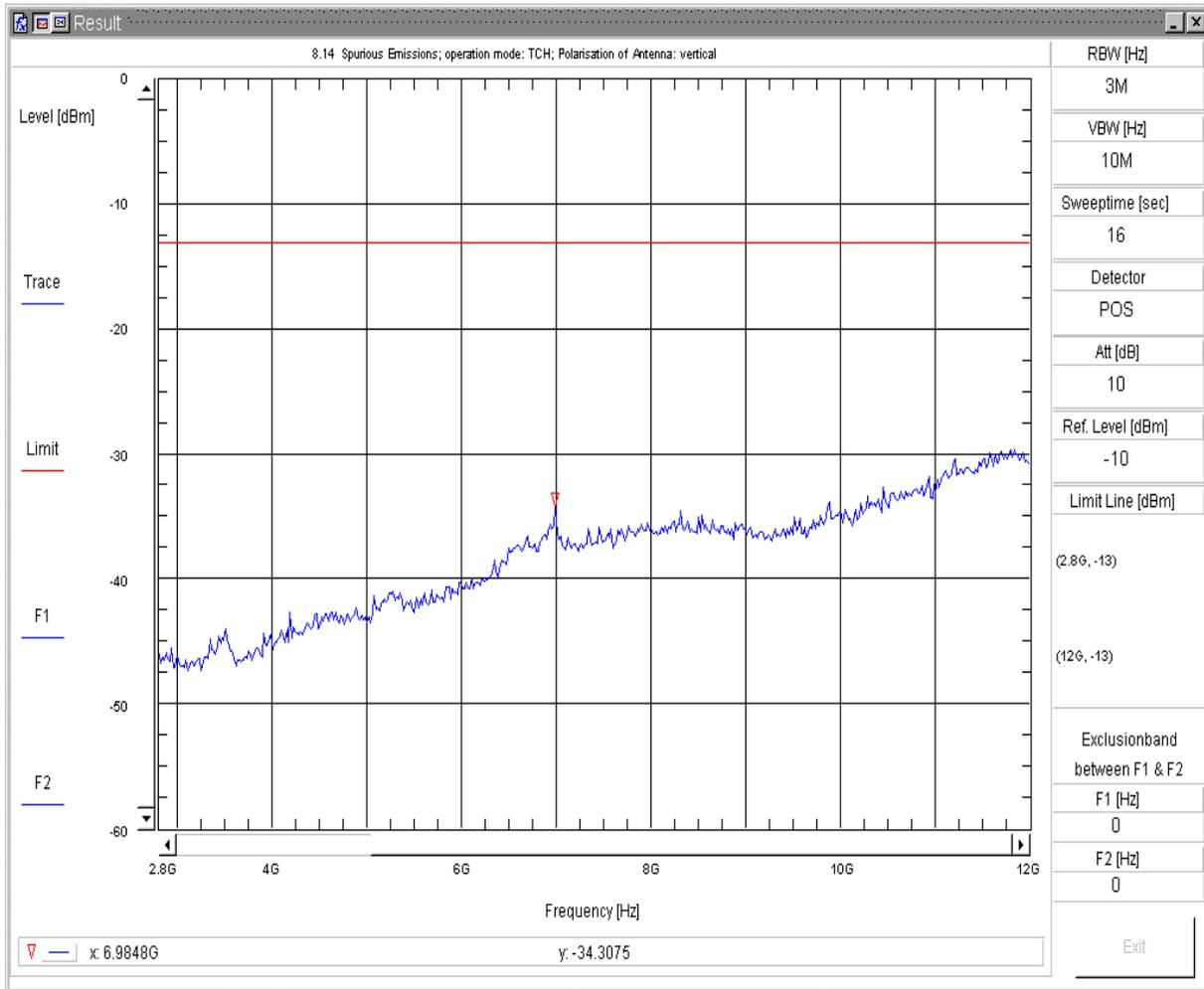


8.13 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_H
 Sweepnr: c
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:40:59pp

Spurious Emissions V7.2.5

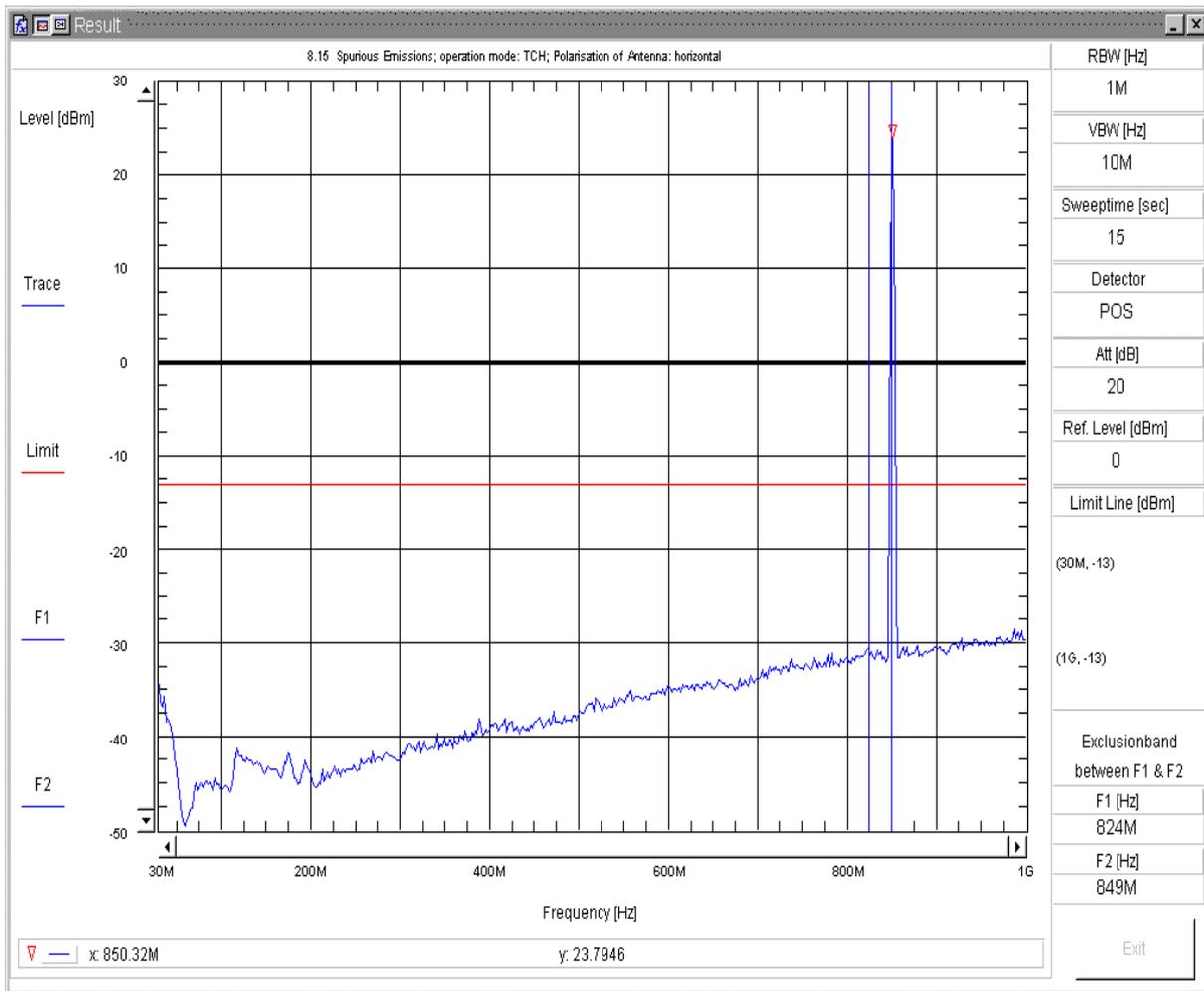


8.14 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_V
 Sweepnr: Sweep5
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 192
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:47:33pp

Spurious Emissions V7.2.5

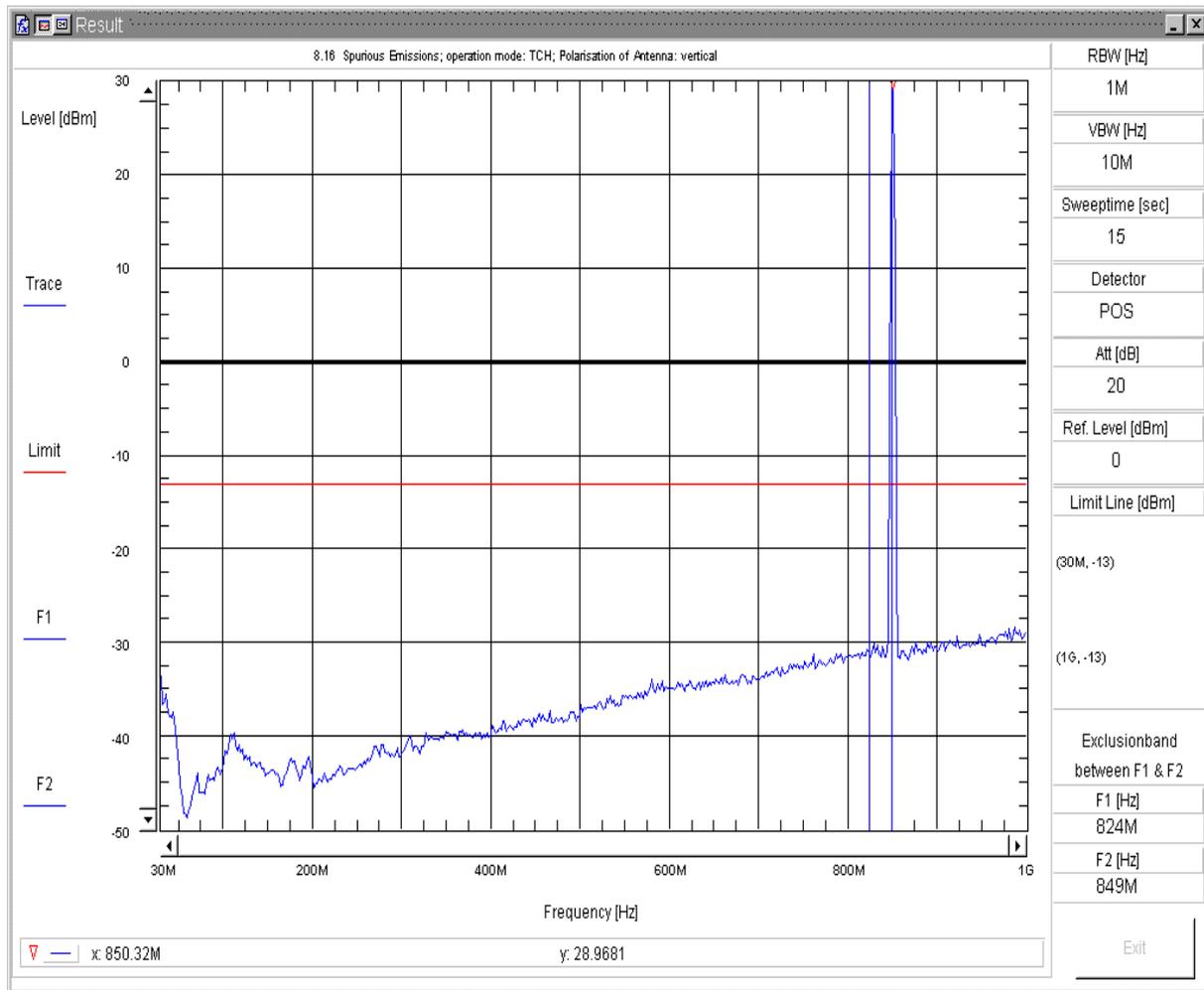


8.15 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:54:21ppf

Spurious Emissions V7.2.5

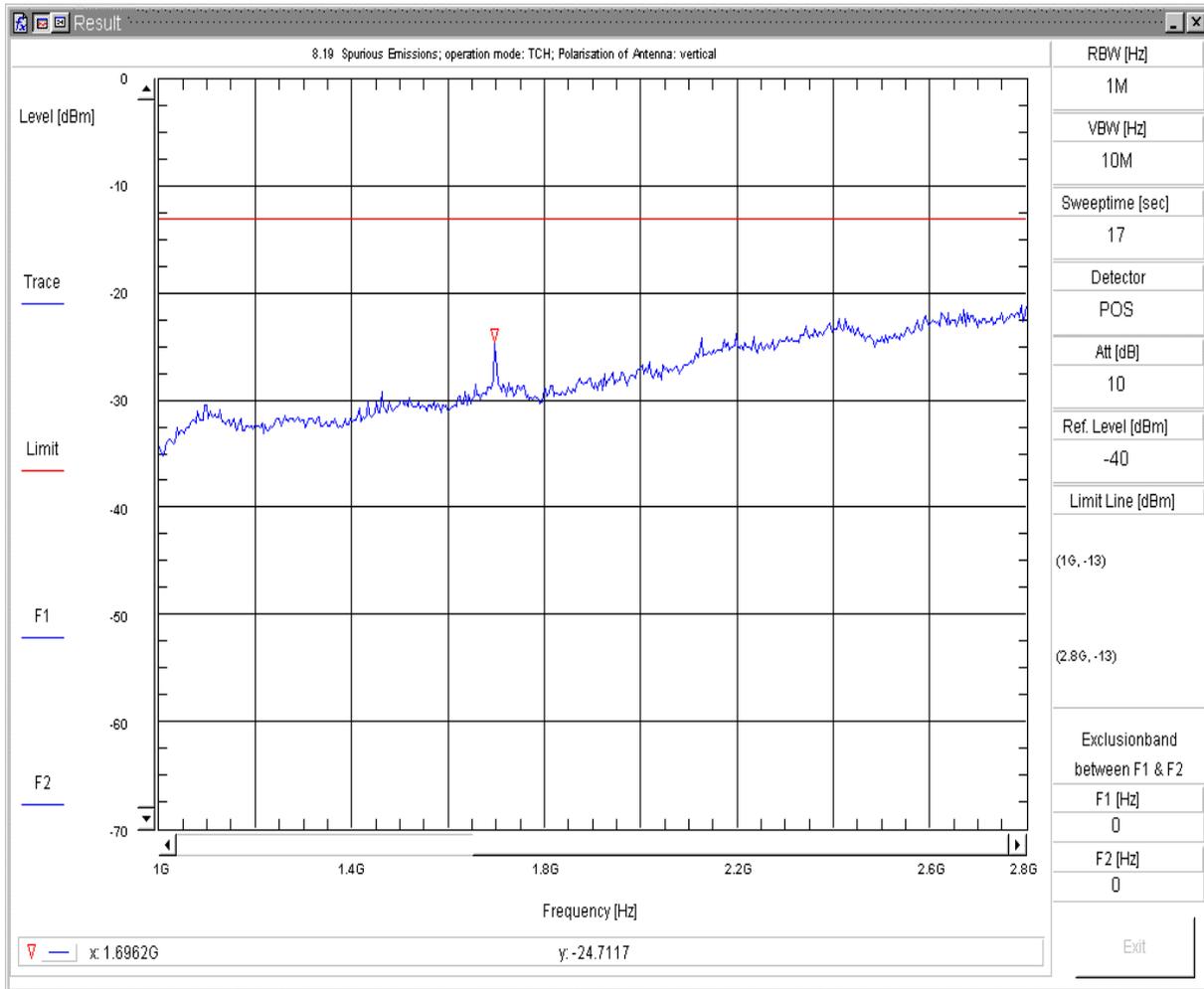


8.16 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_V
 Sweepnr: Sweep1
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 09:58:10ppf

Spurious Emissions V7.2.5

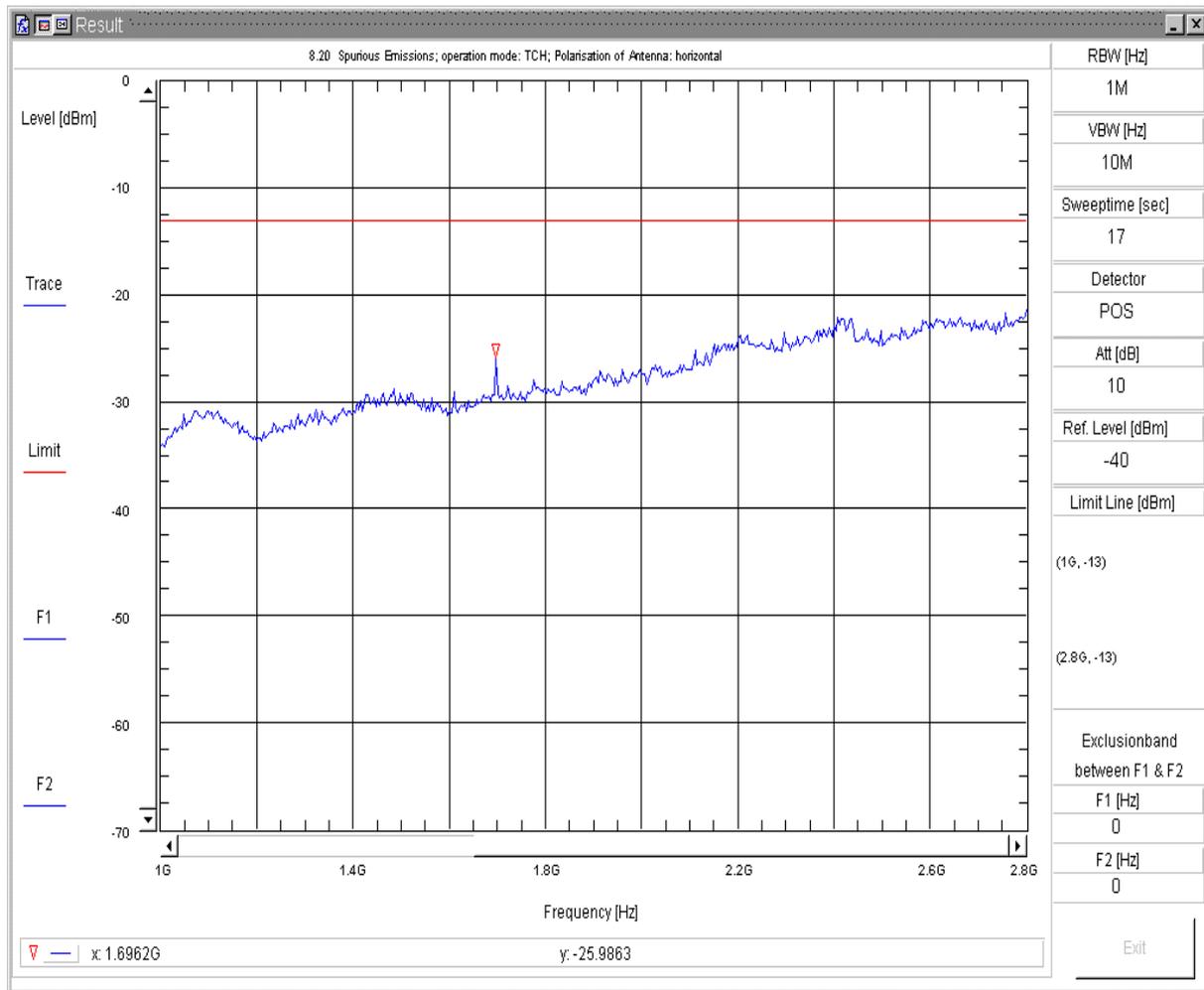


8.19 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_V
 Sweepnr: Sweep4
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:08:48pp

Spurious Emissions V7.2.5

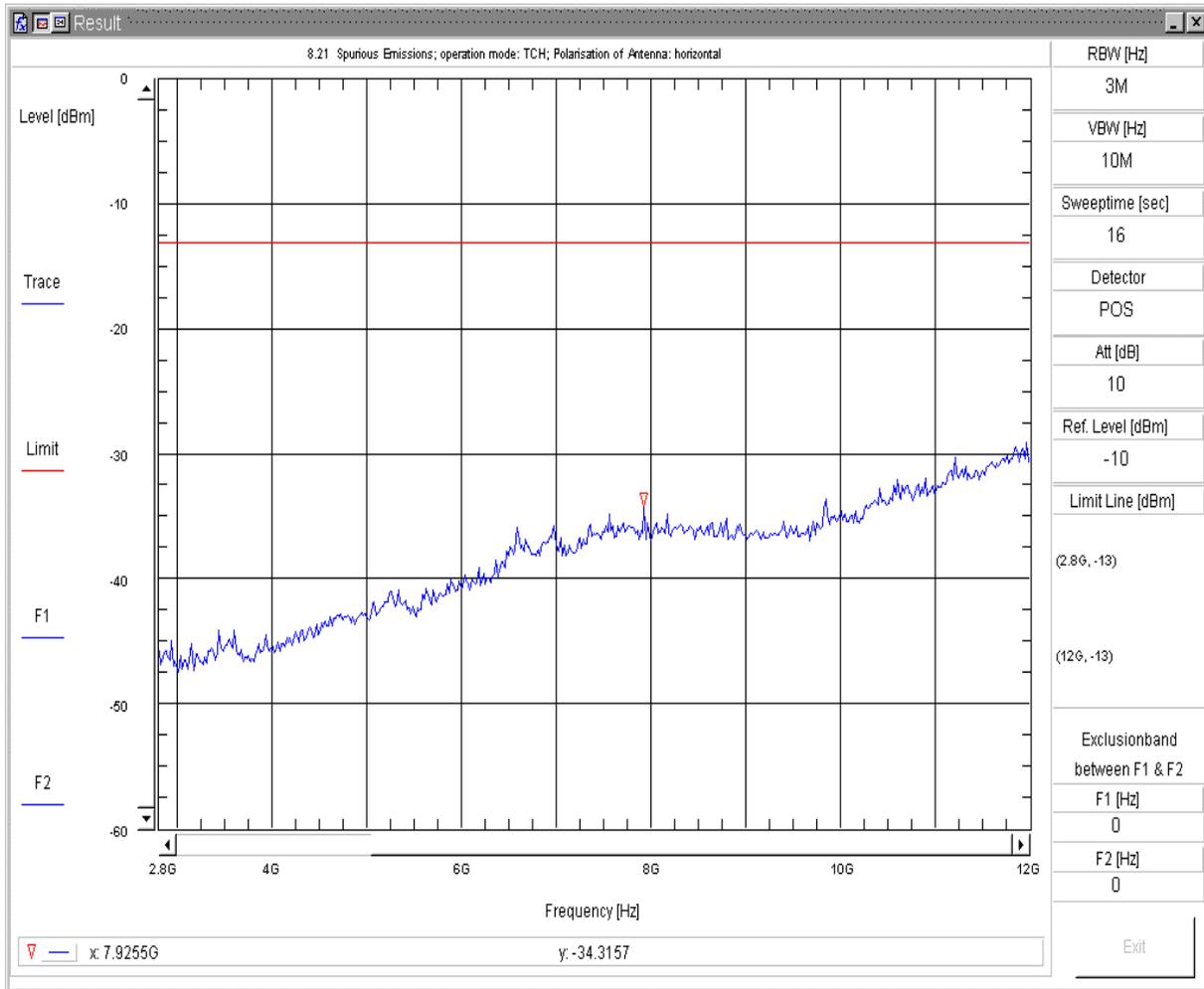


8.20 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_H
 Sweepnr: c Sweep4
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:15:51fp

Spurious Emissions V7.2.5

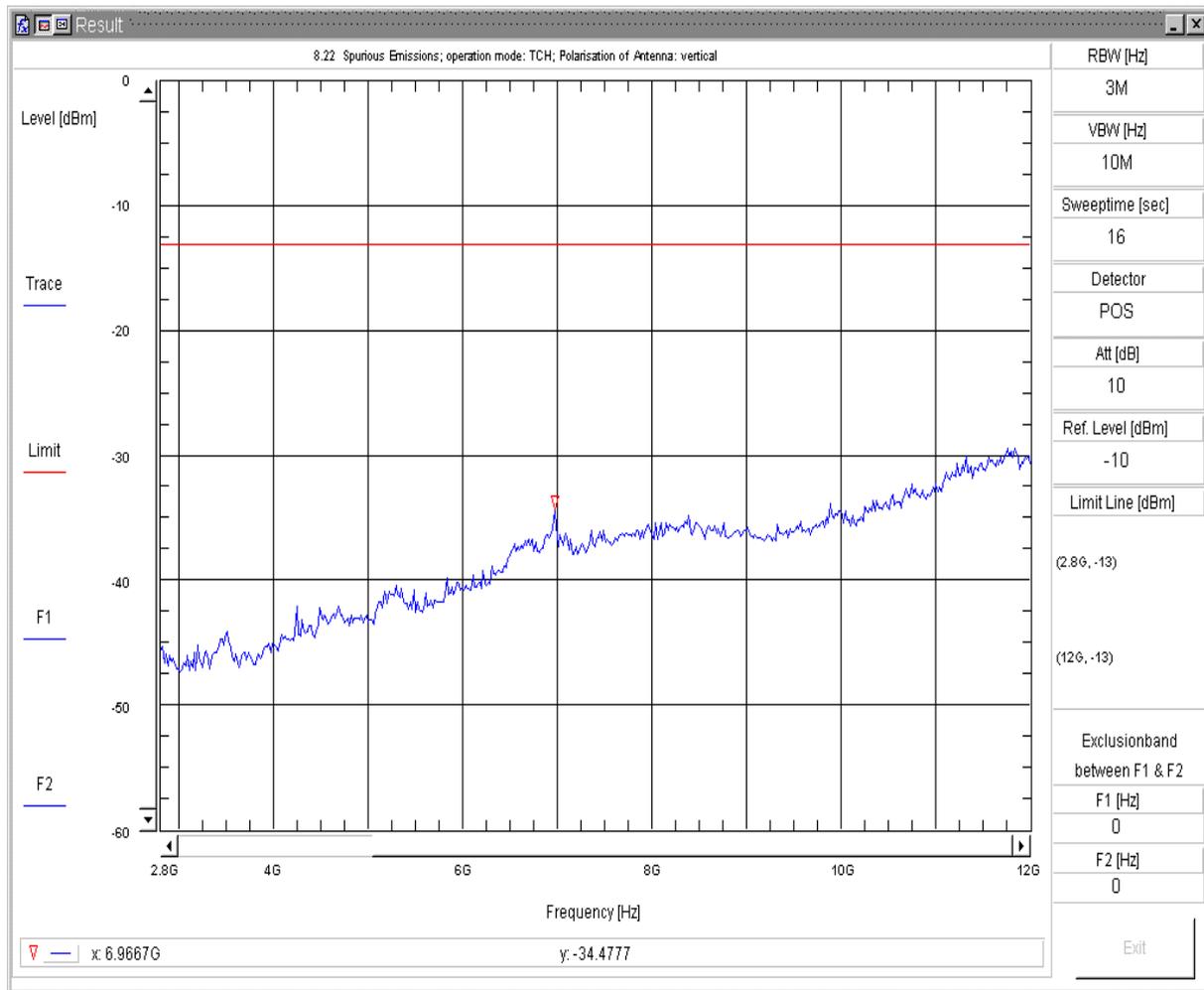


8.21 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_H
 Sweepnr: c:sweep5
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:22:41pf

Spurious Emissions V7.2.5



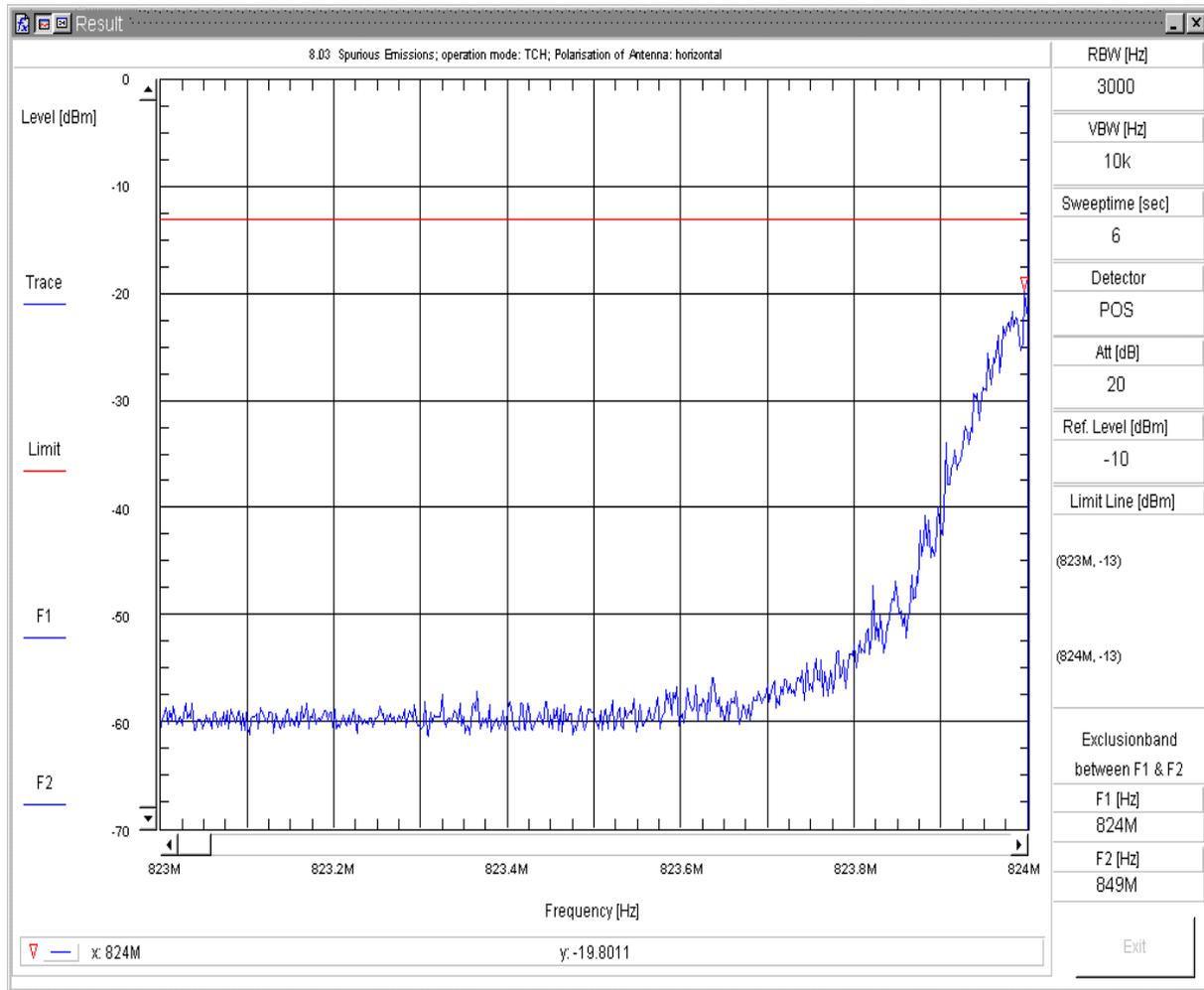
8.22 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_V
 Sweepnr: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\Sweep5
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: Channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:29:12pp

Spurious Emissions V7.2.5

1.6. Band-Edge compliance radiated GSM850 Mode

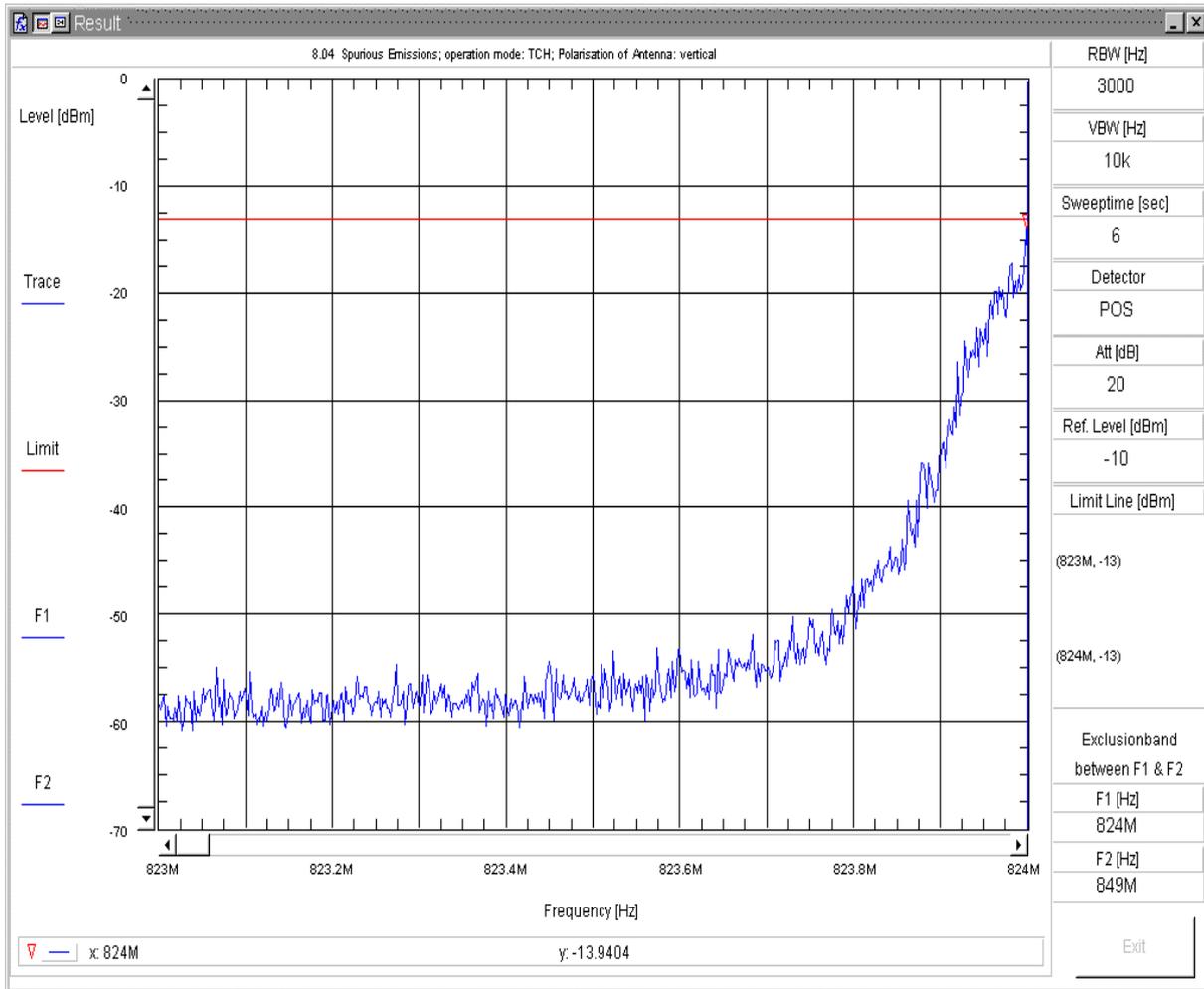


8.03 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_H
 Sweepnr: Sweep2
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 08:44:26ppf

Spurious Emissions V7.2.5

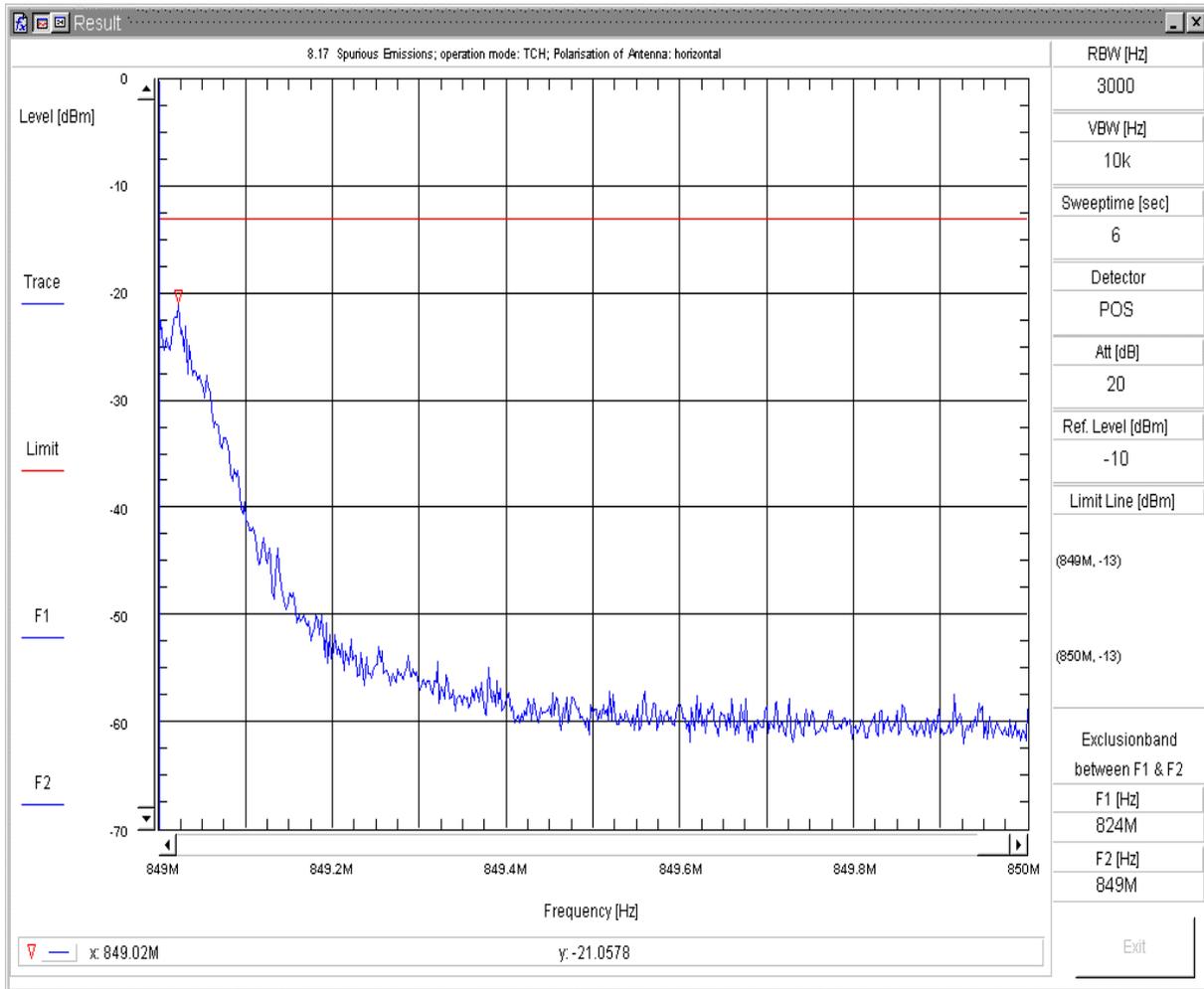


8.04 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_V
 Sweepnr: Sweep2
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 08:47:24ppf

Spurious Emissions V7.2.5

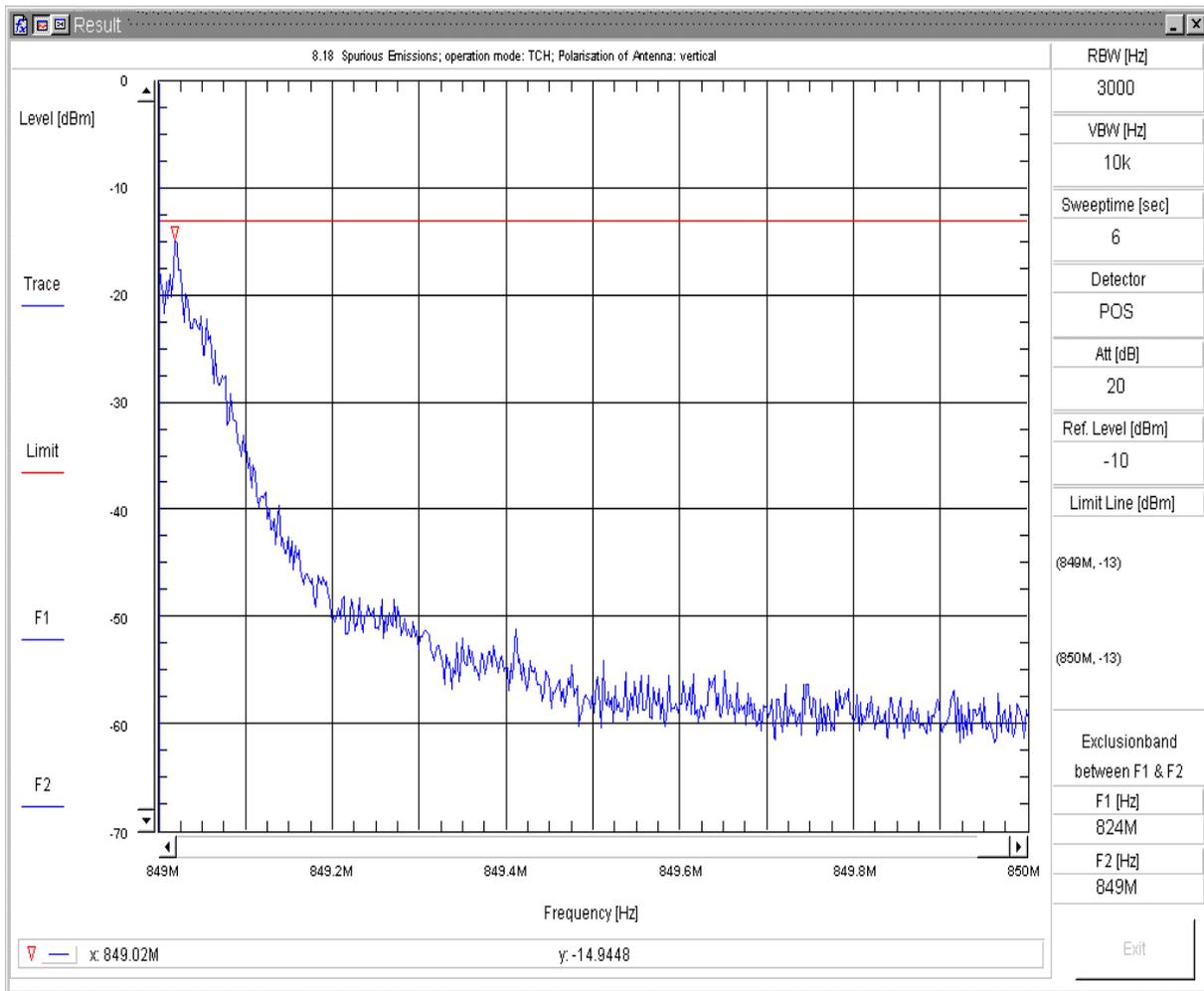


8.17 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_H
 Sweepnr: Sweep3
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:02:22ppf

Spurious Emissions V7.2.5



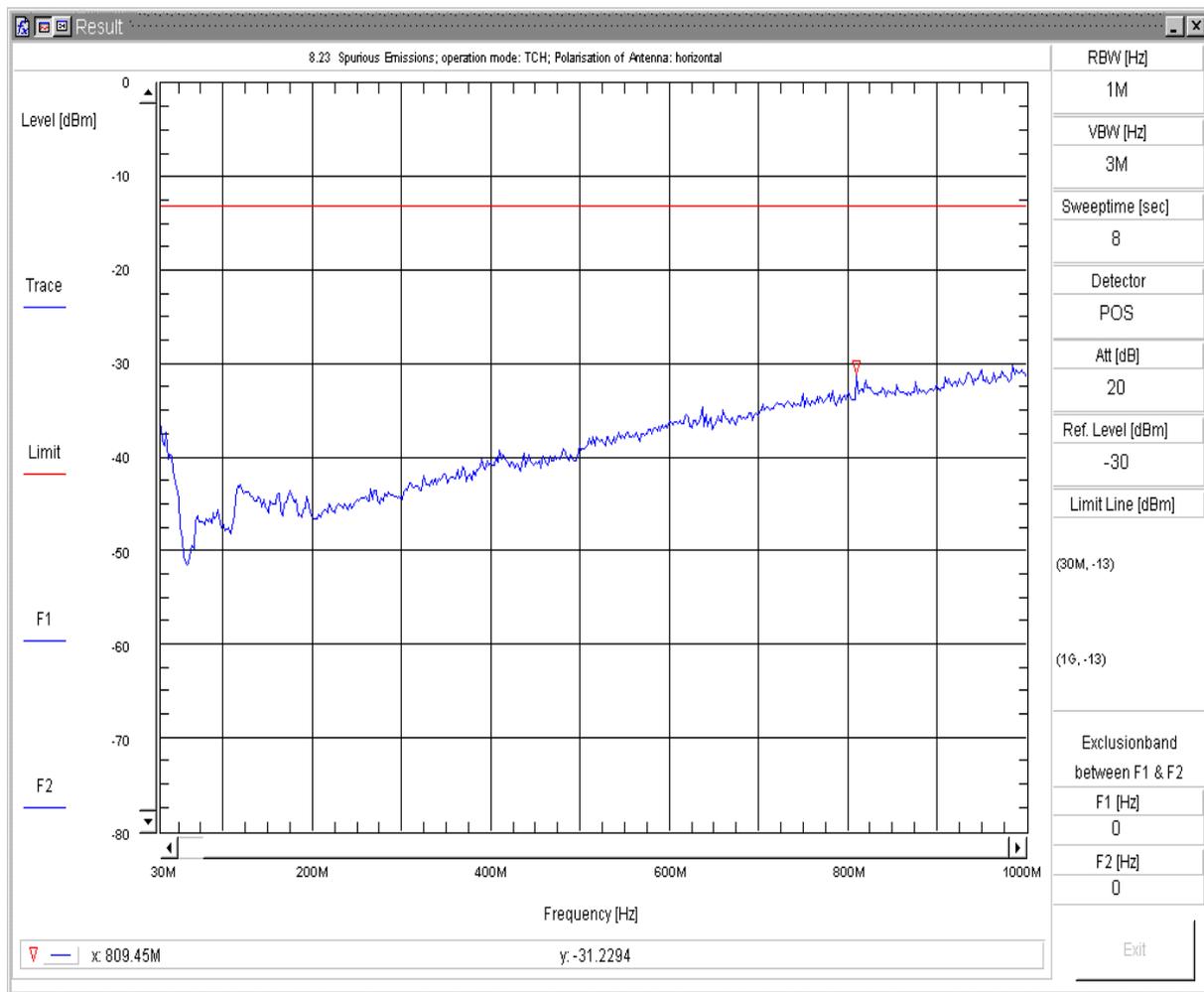
8.18 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_22.917_(GSM_850)\TD_TX_V
 Sweepnr: Sweep3
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_22.917_(GSM_850) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 251
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:05:34ppf

Spurious Emissions V7.2.5

1.7. Spurious emissions radiated – GSM1900 Mode

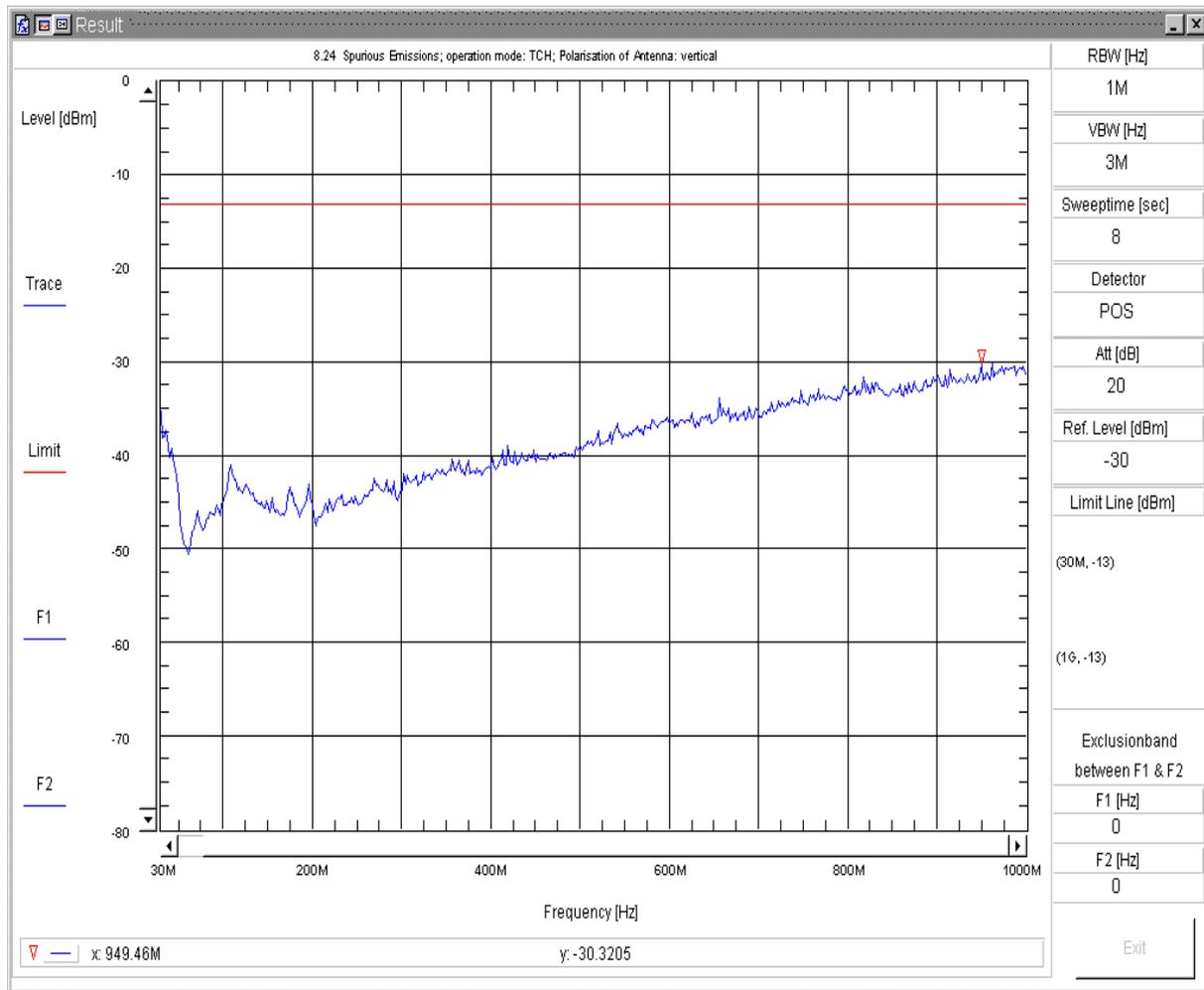


8.23 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:39:29ppf

Spurious Emissions V7.2.5

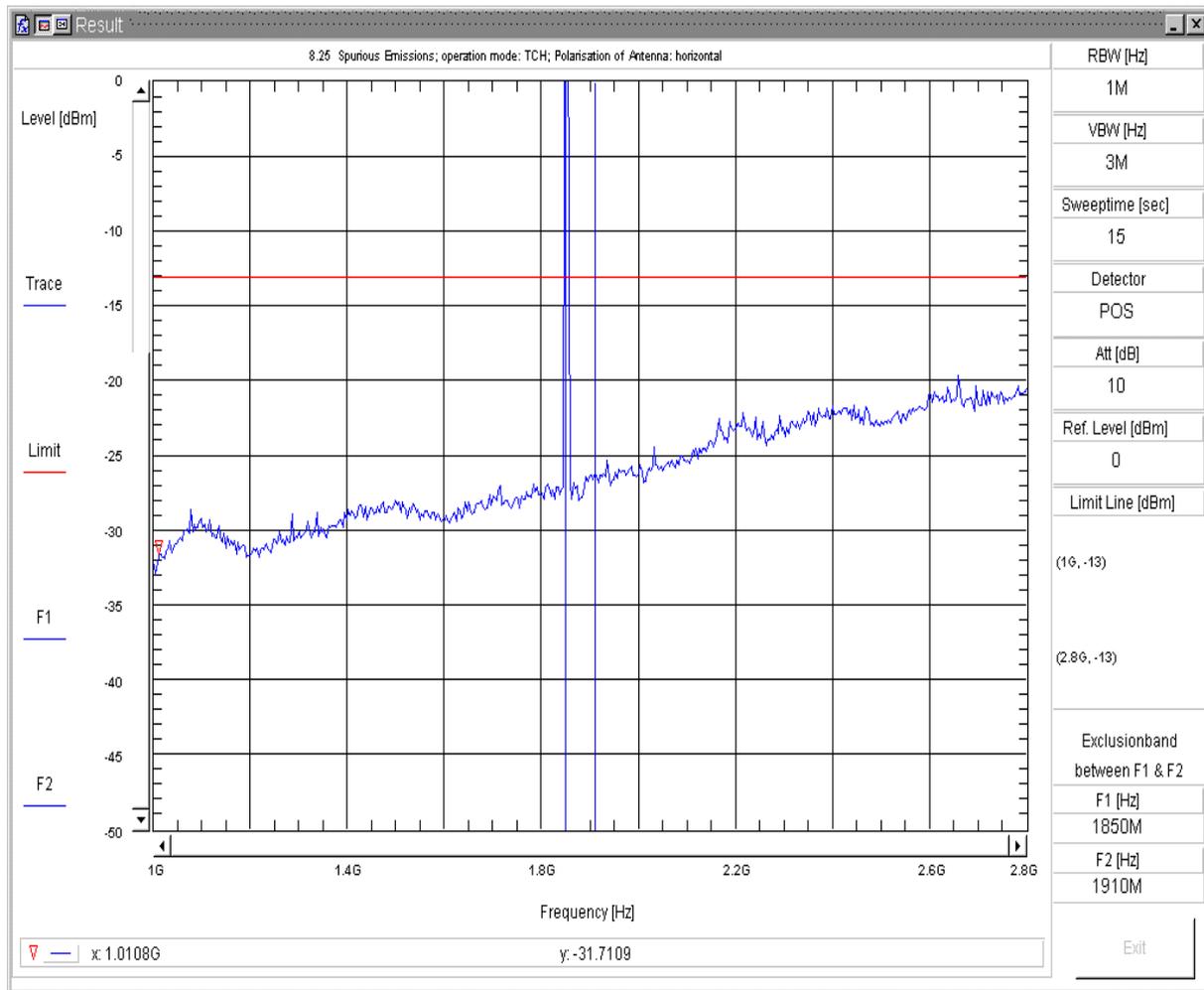


8.24 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep1
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:43:23ppf

Spurious Emissions V7.2.5

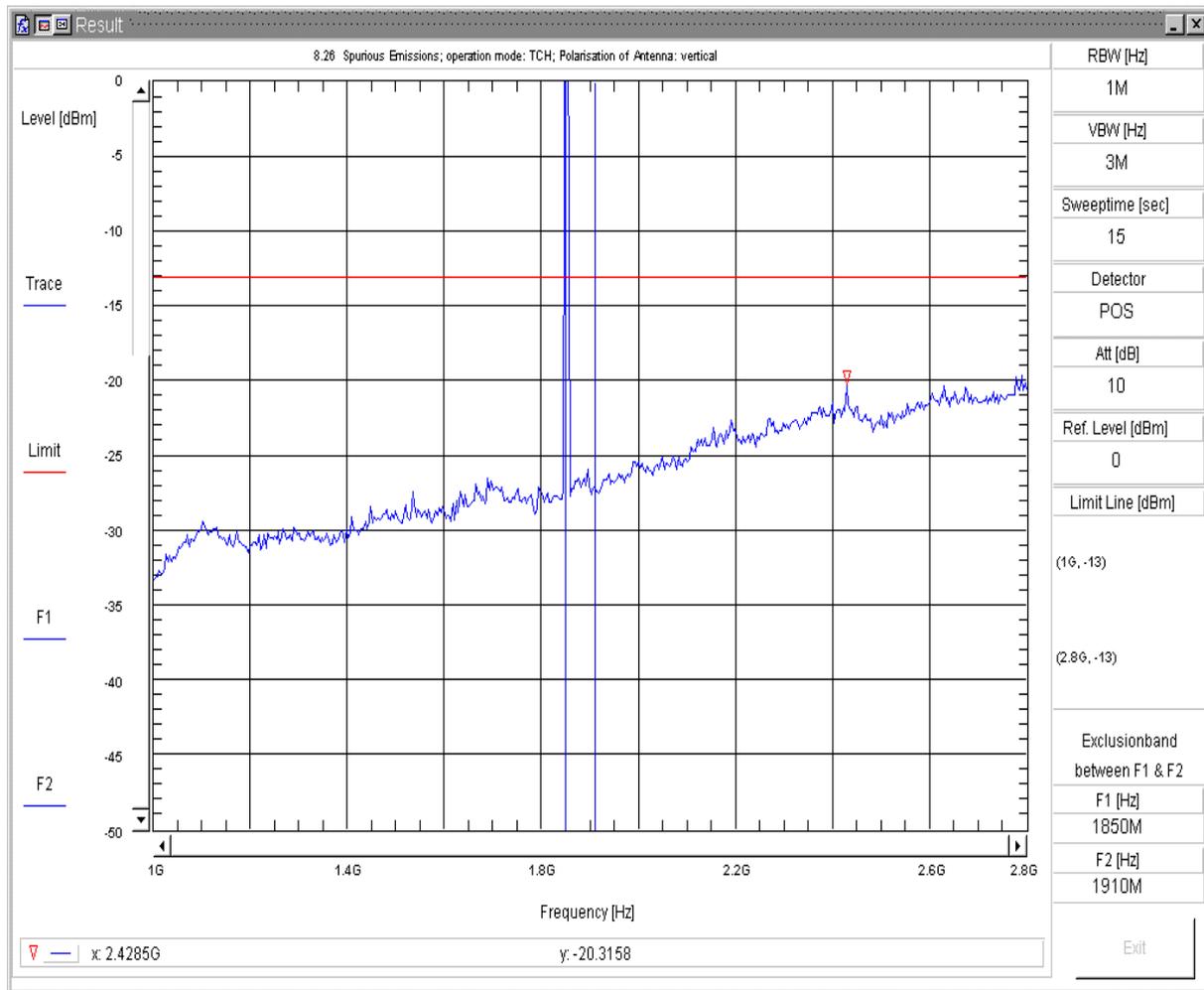


8.25 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: c Sweep2
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 128
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:47:21fp

Spurious Emissions V7.2.5

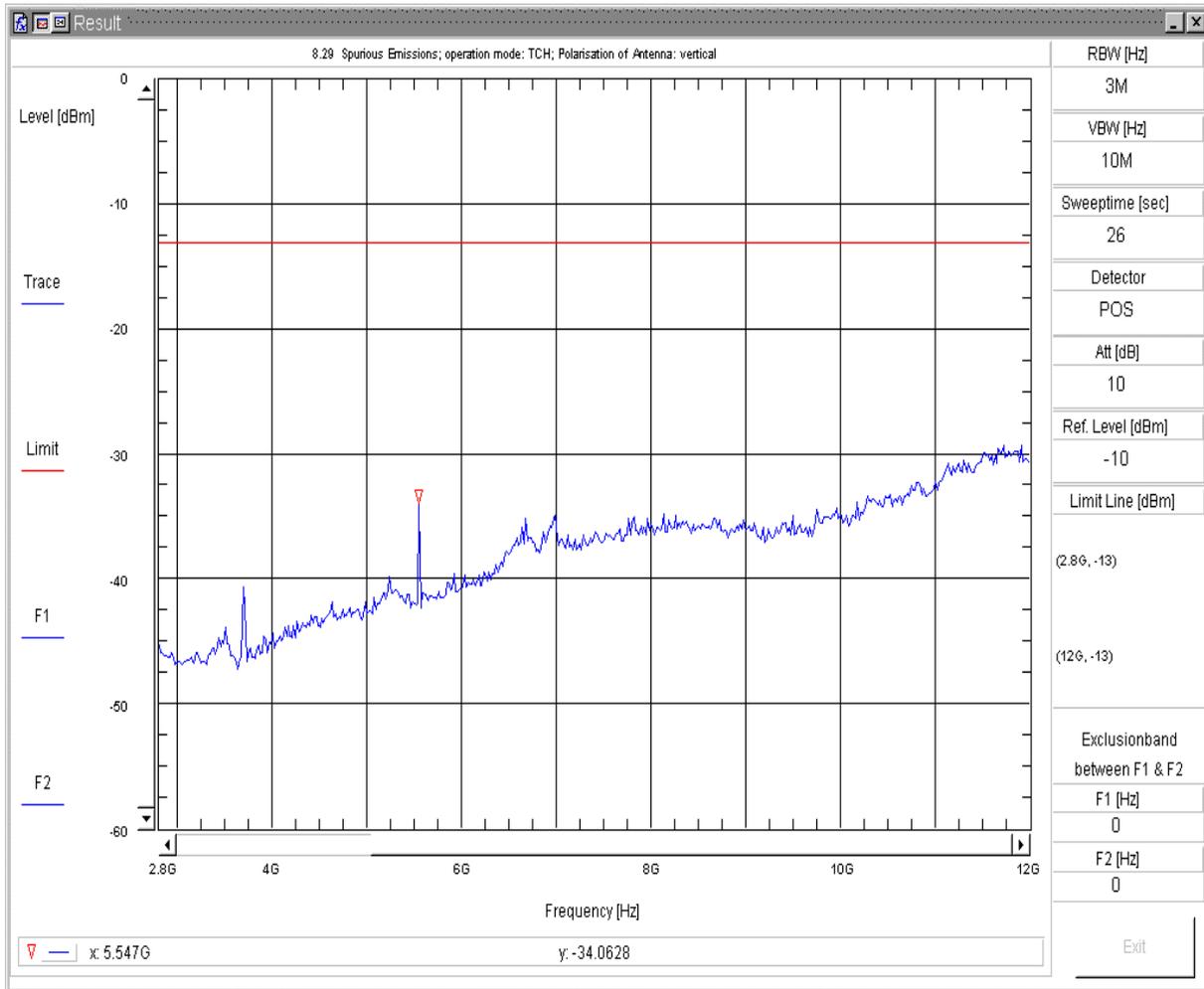


8.26 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep2
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 10:54:35pp

Spurious Emissions V7.2.5

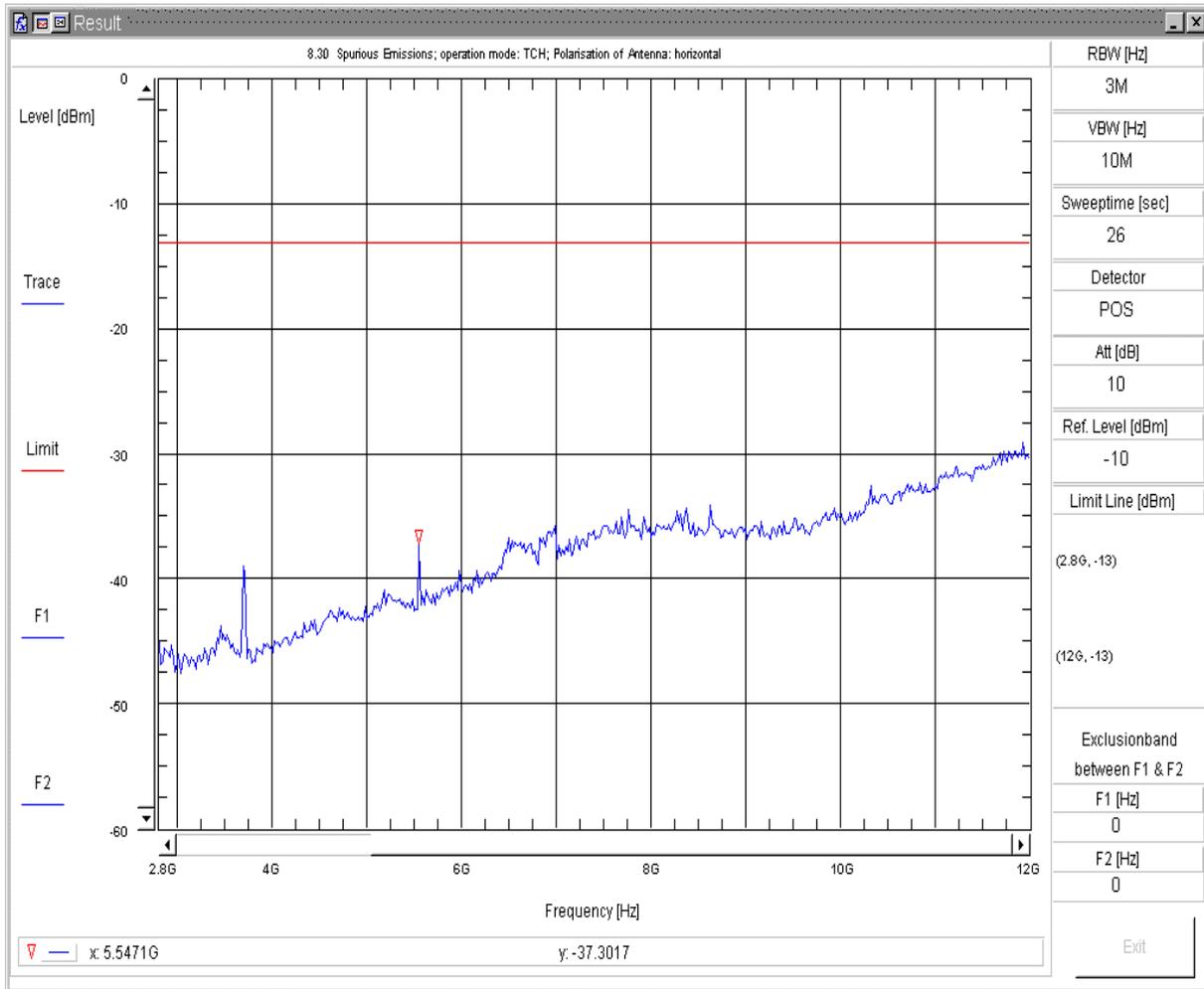


8.29 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: c5
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 11:14:55pf

Spurious Emissions V7.2.5

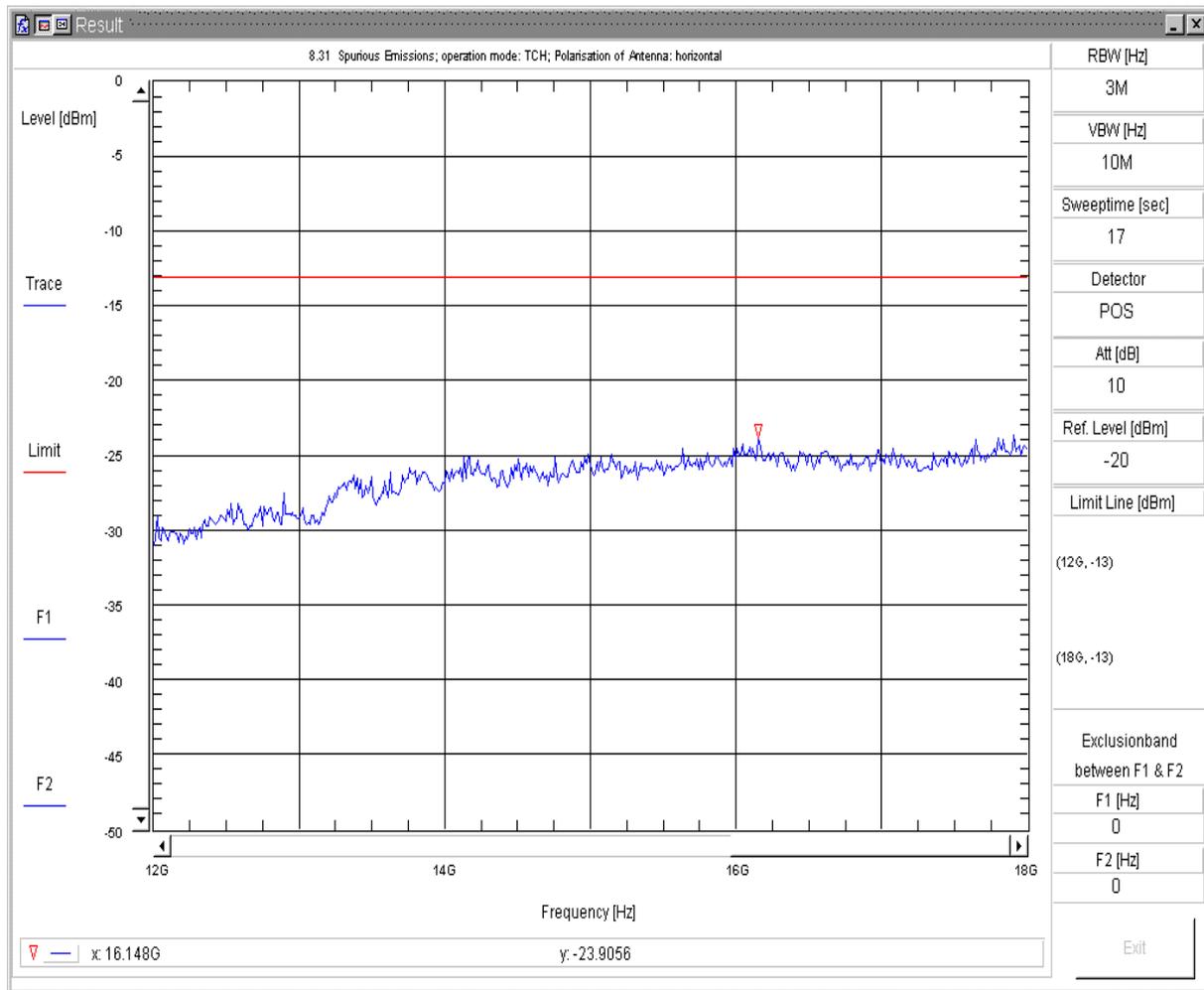


8.30 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: c5
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 11:24:32pp

Spurious Emissions V7.2.5

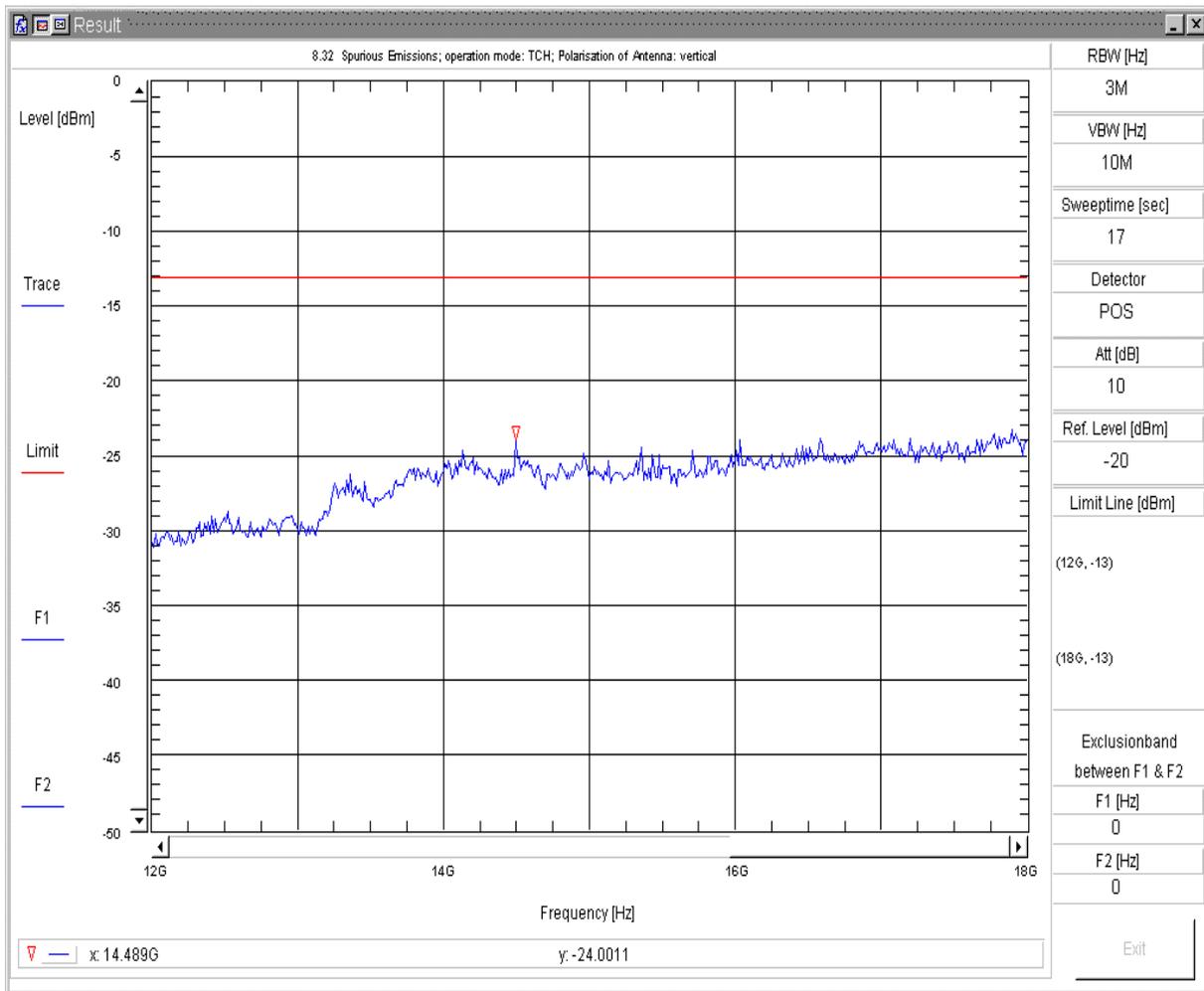


8.31 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: Sweep6
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 11:36:19pp

Spurious Emissions V7.2.5

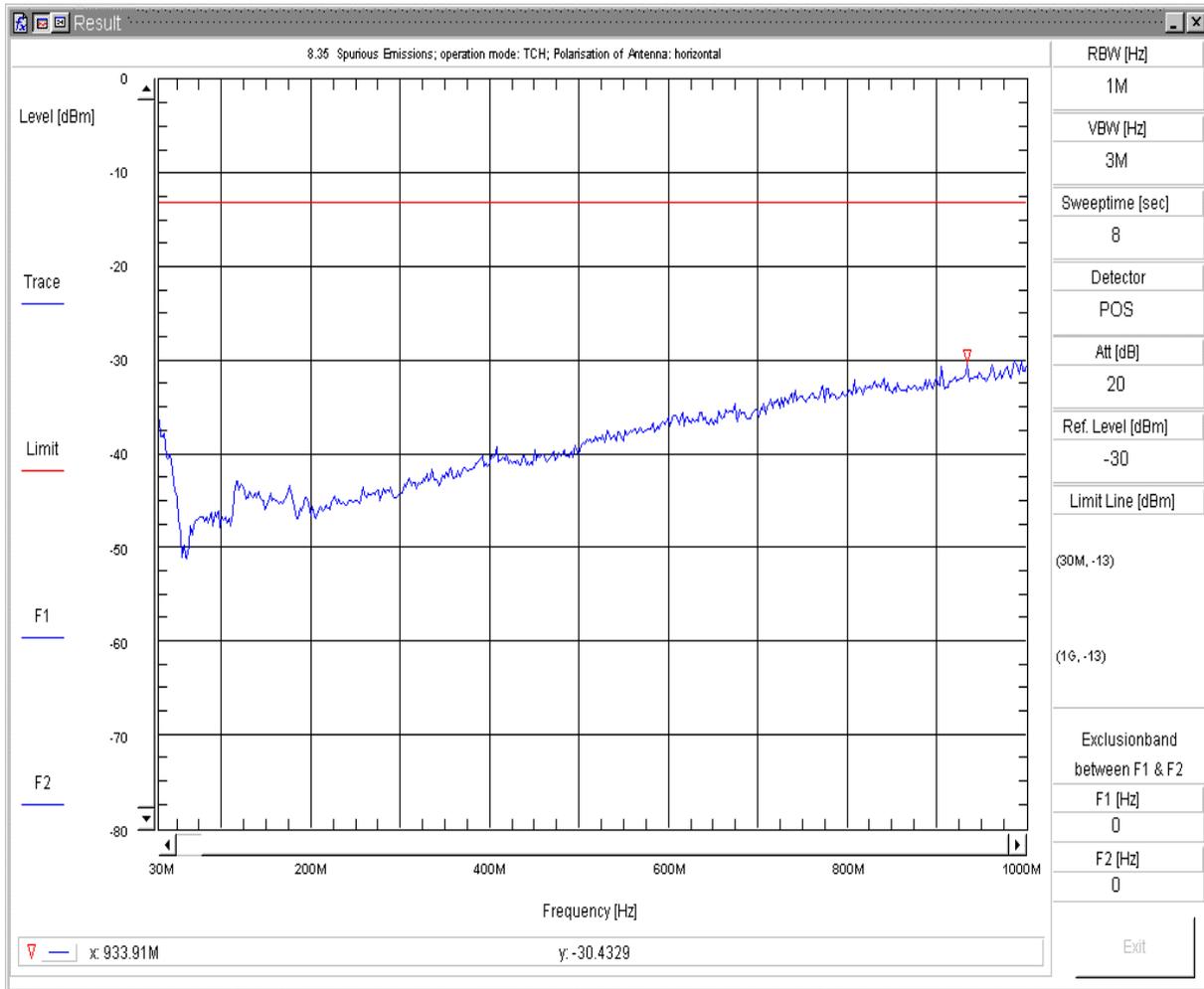


8.32 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep6
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 11:42:48pf

Spurious Emissions V7.2.5

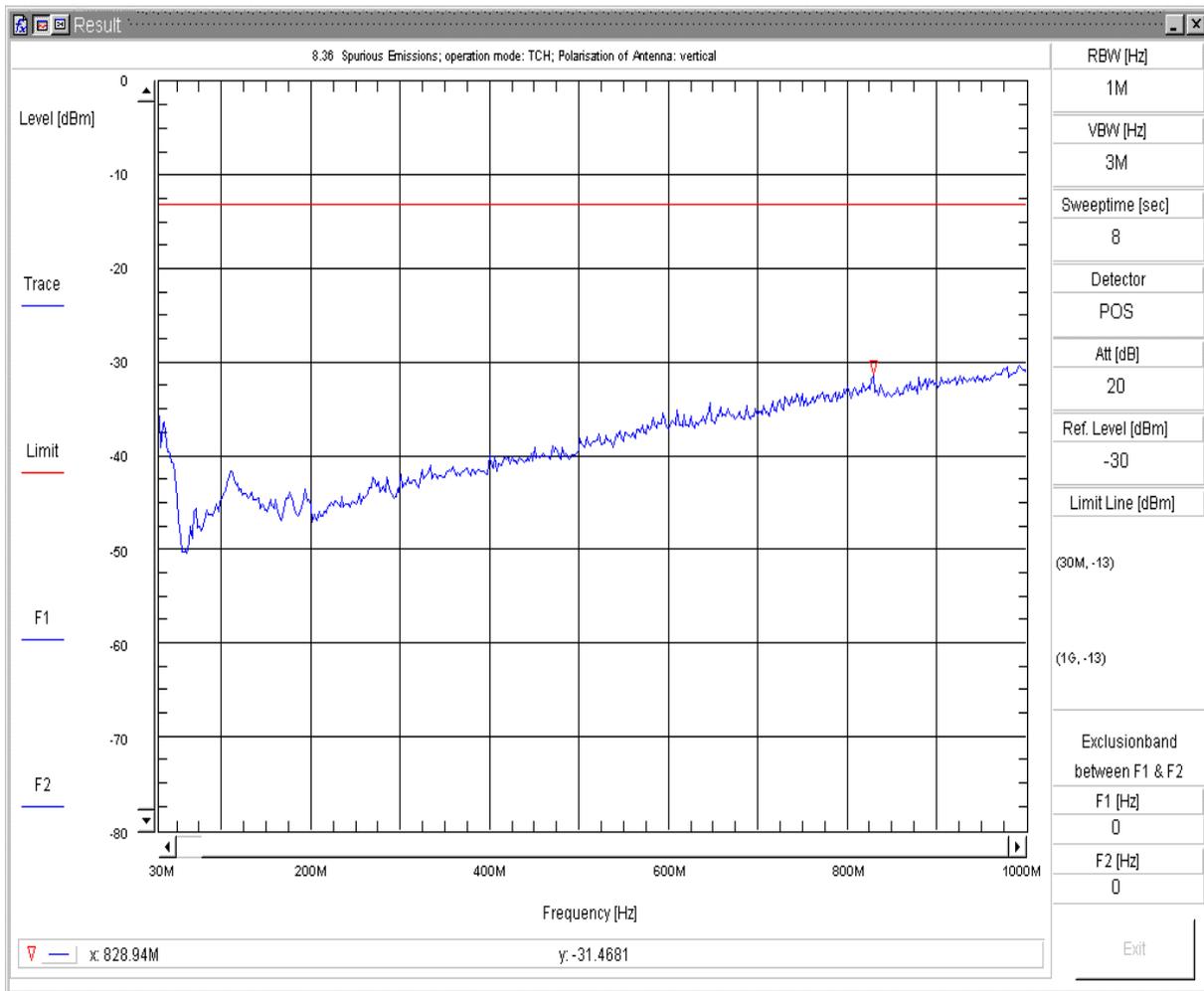


8.35 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 11:49:44ppf

Spurious Emissions V7.2.5

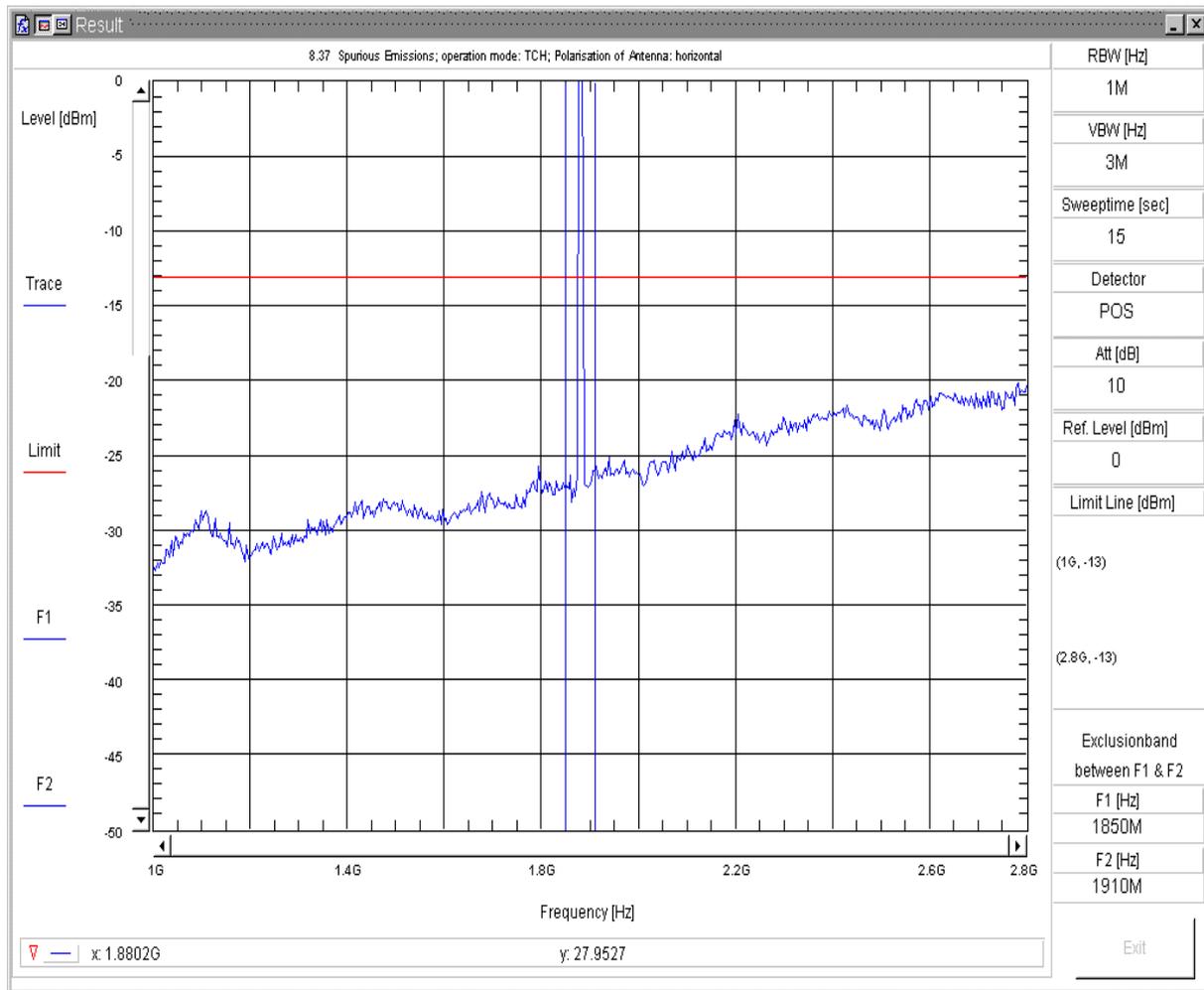


8.36 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: c
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 11:53:24ppf

Spurious Emissions V7.2.5

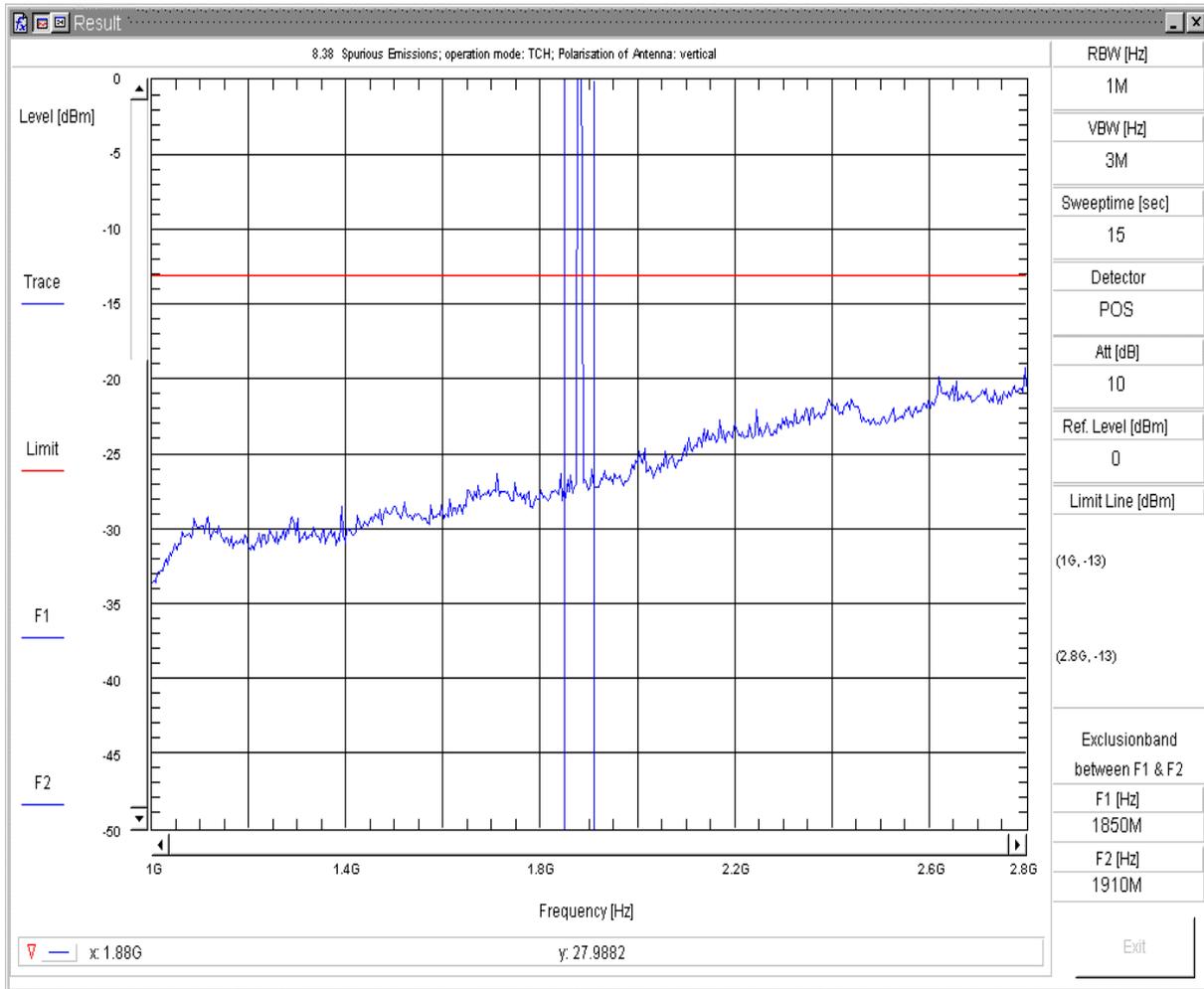


8.37 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H_Sweep2
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 11:56:39fp

Spurious Emissions V7.2.5

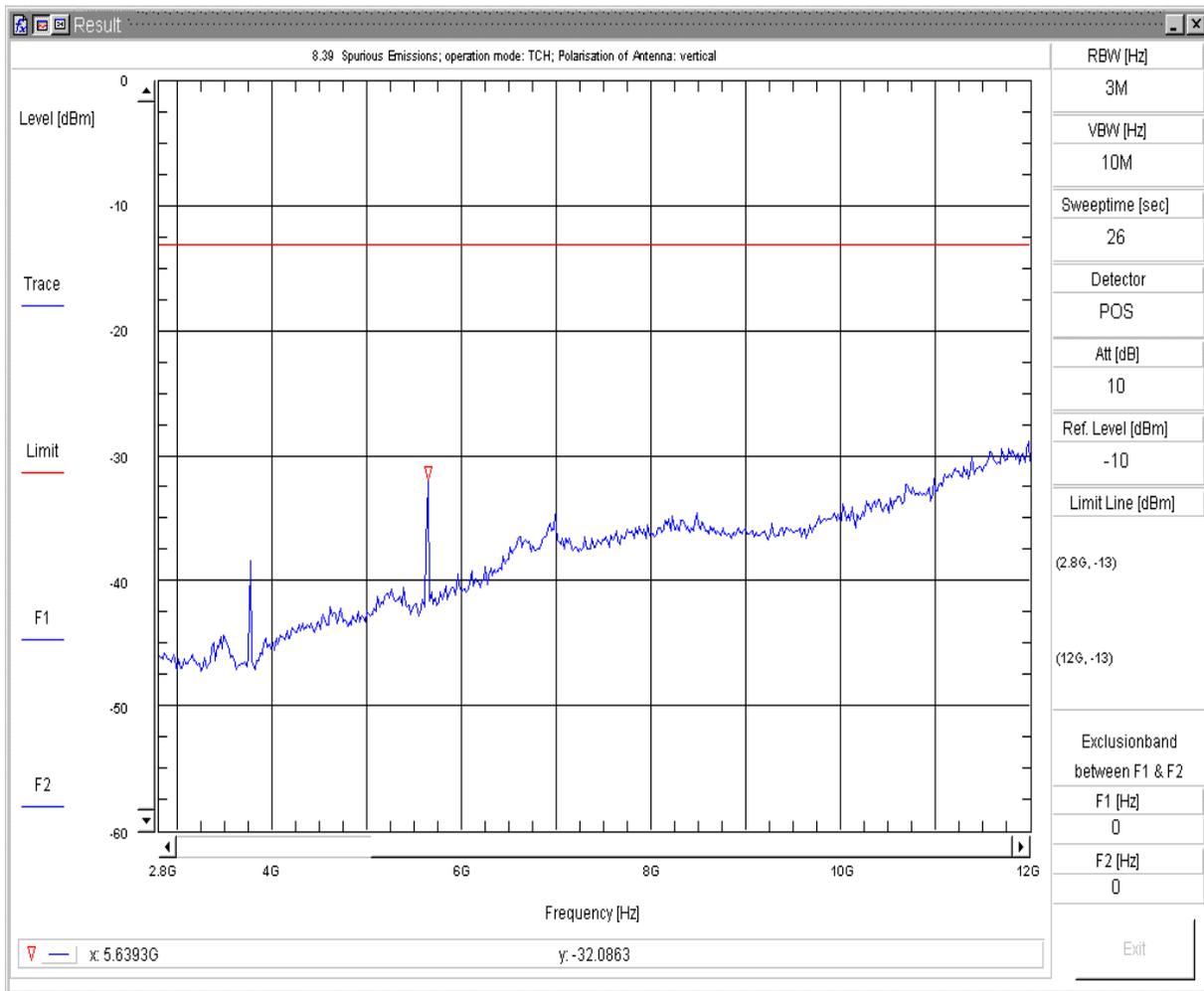


8.38 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep2
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 12:03:49pp

Spurious Emissions V7.2.5

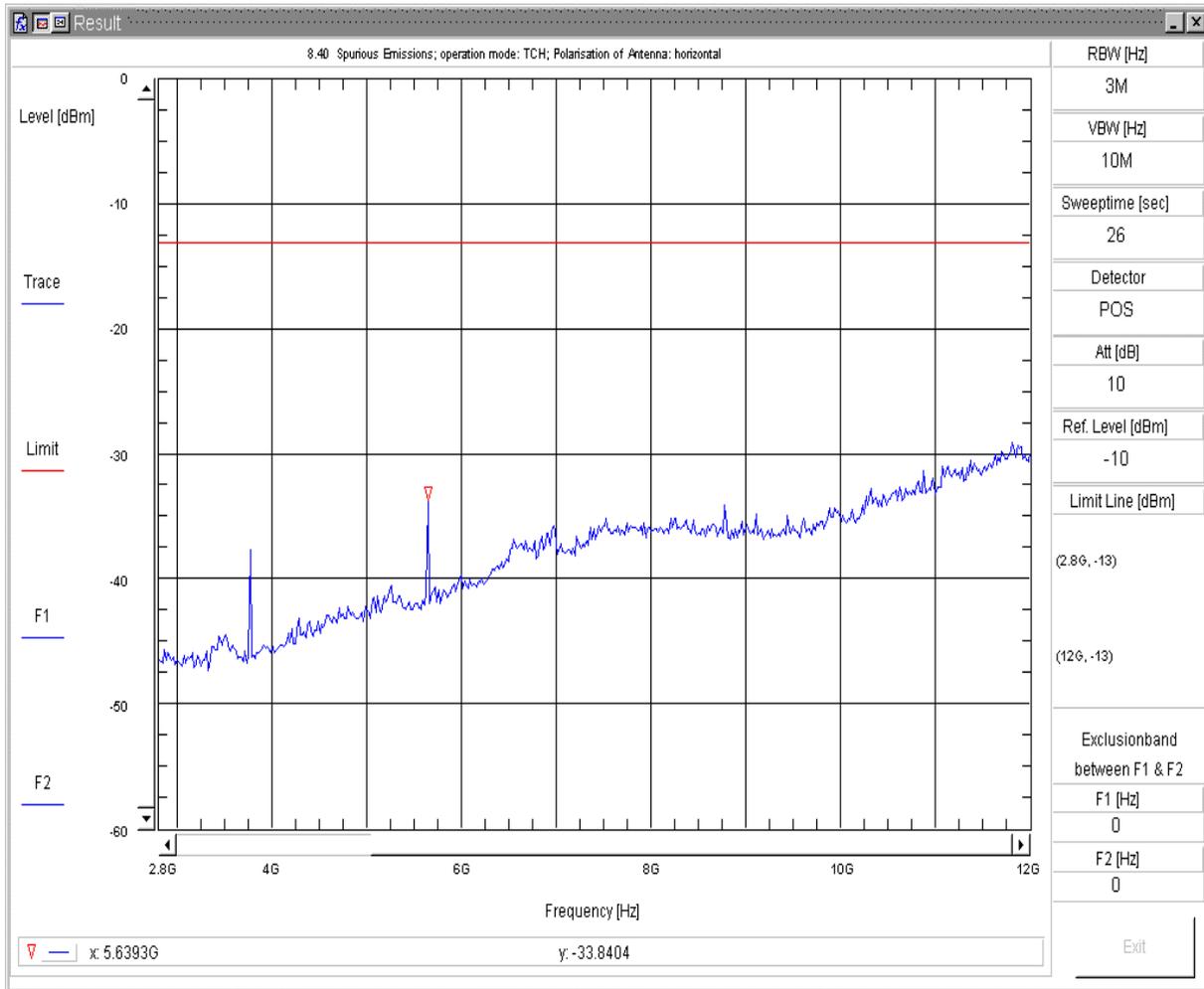


8.39 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: c
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 12:10:23pp

Spurious Emissions V7.2.5

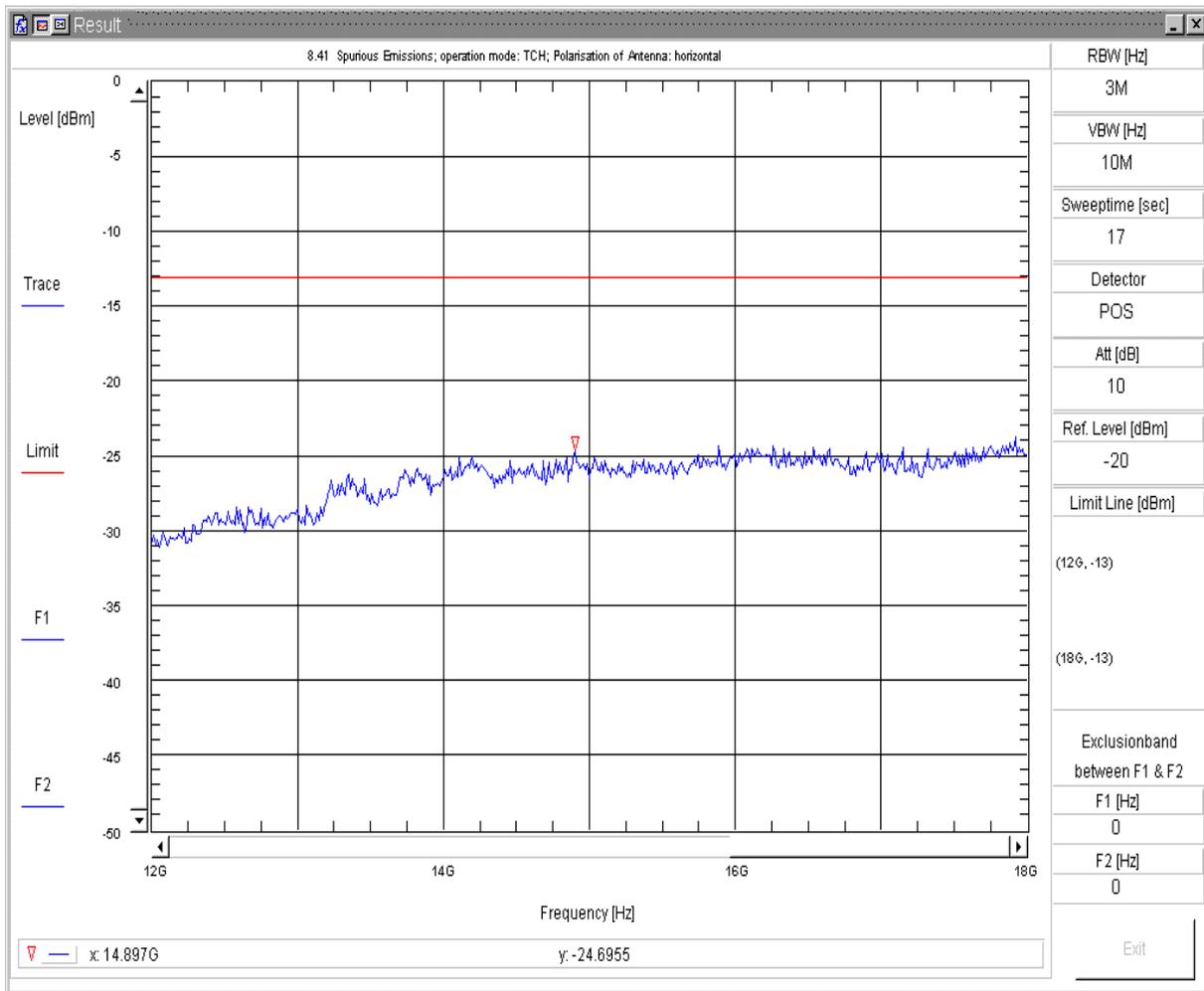


8.40 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: c
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 12:19:25pf

Spurious Emissions V7.2.5

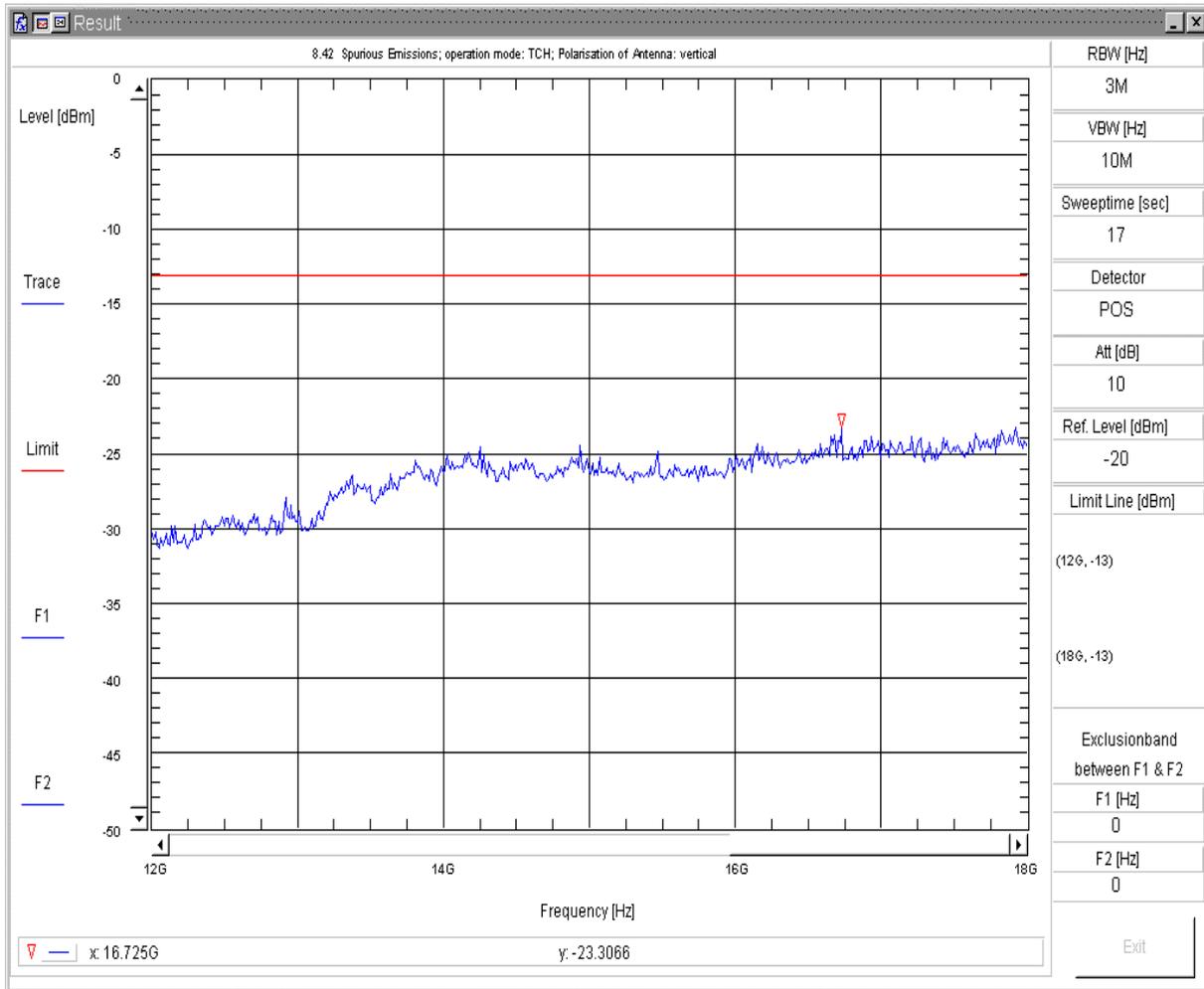


8.41 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: Sweep6
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 12:43:53pp

Spurious Emissions V7.2.5

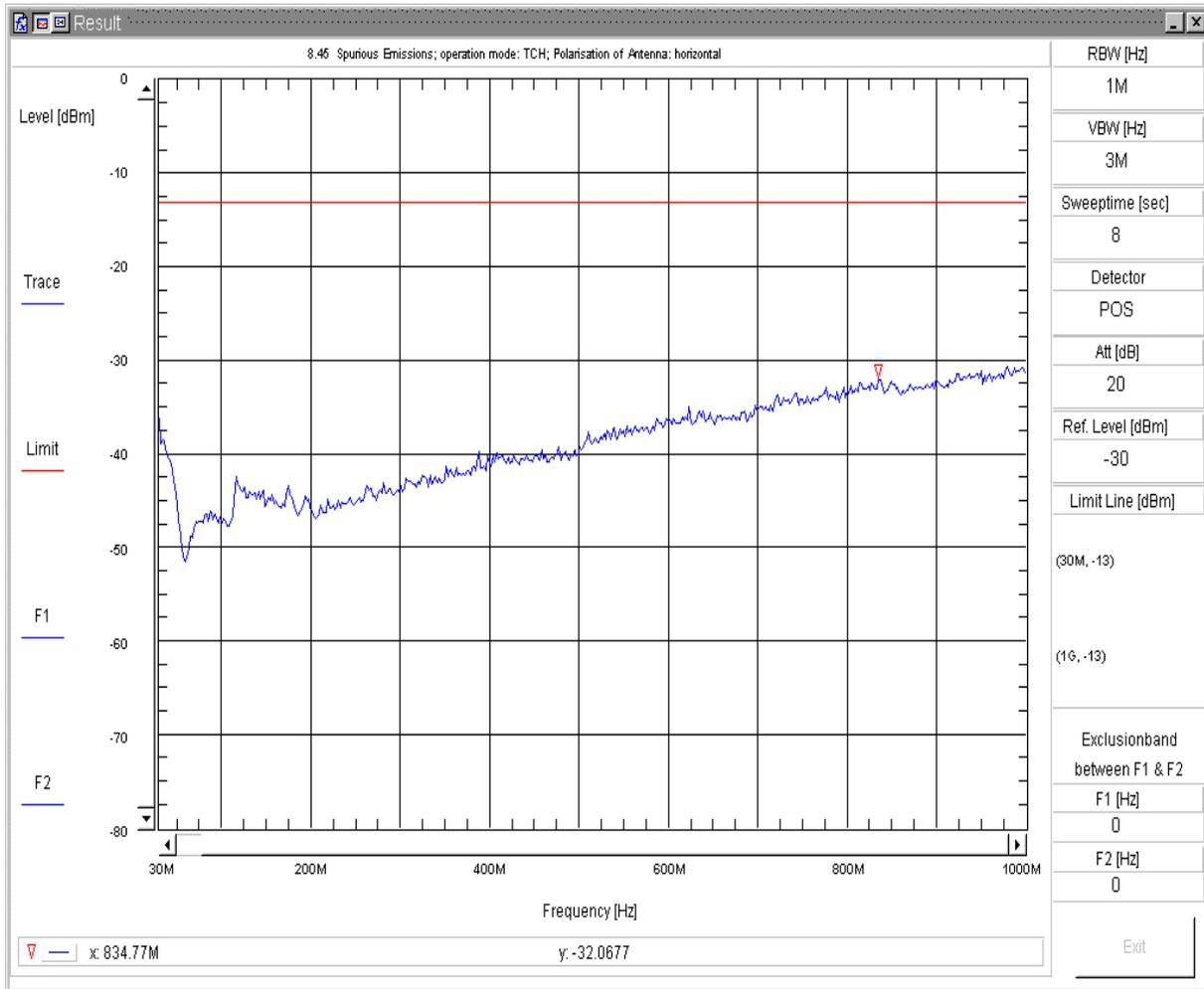


8.42 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep6
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 661
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 12:50:27pf

Spurious Emissions V7.2.5

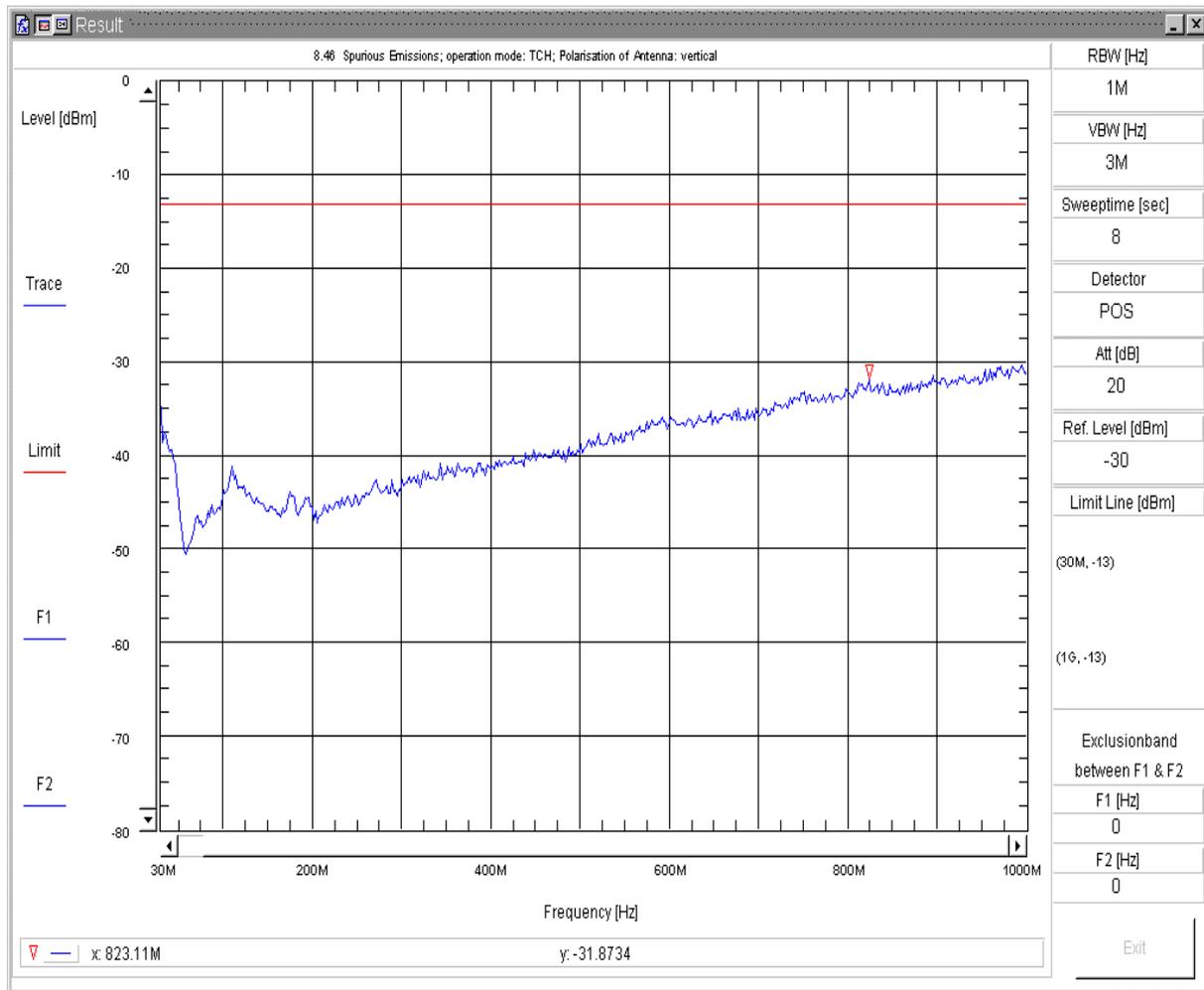


8.45 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: Sweep1
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 13:12:33ppf

Spurious Emissions V7.2.5

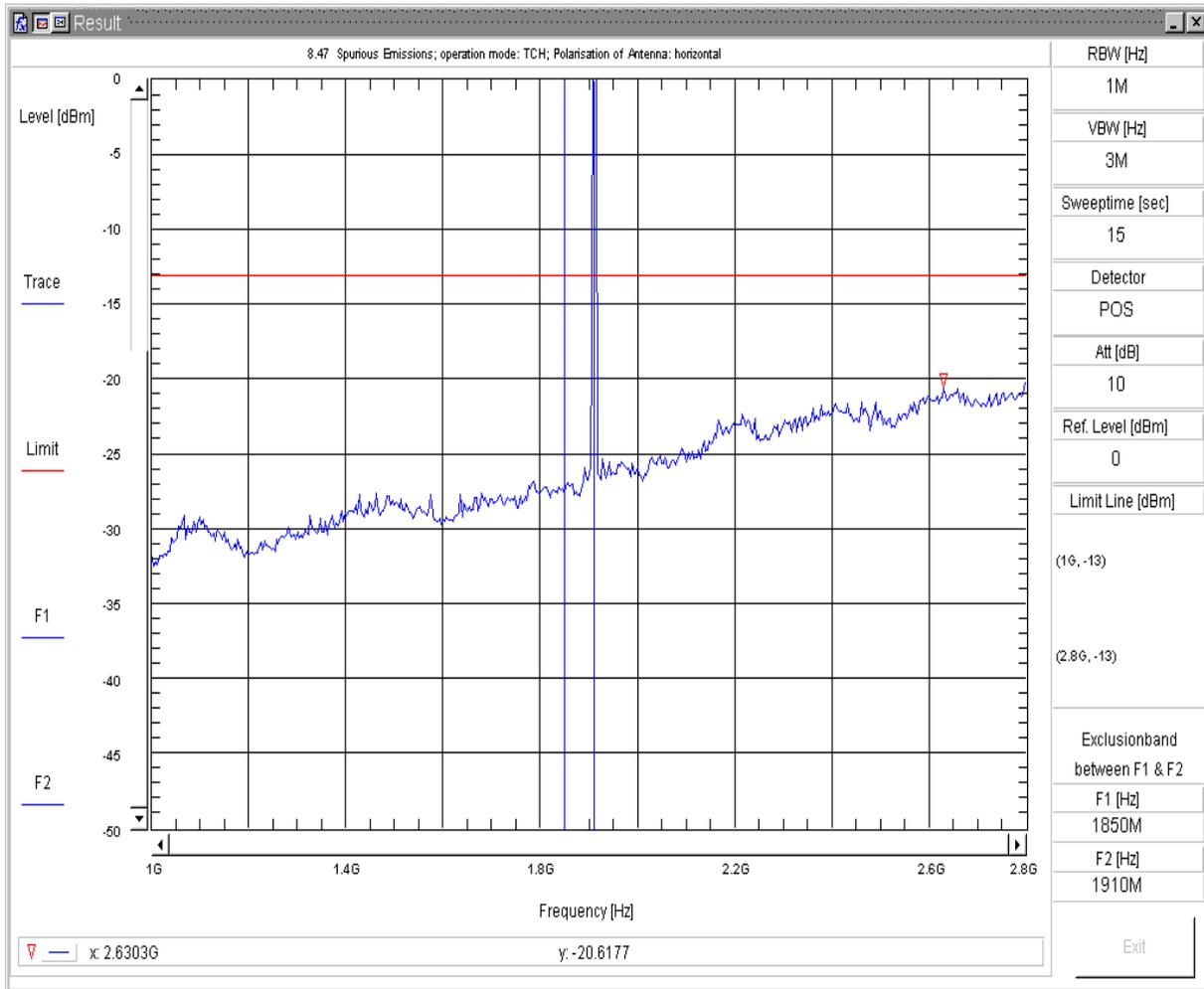


8.46 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep1
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 13:16:11ppf

Spurious Emissions V7.2.5

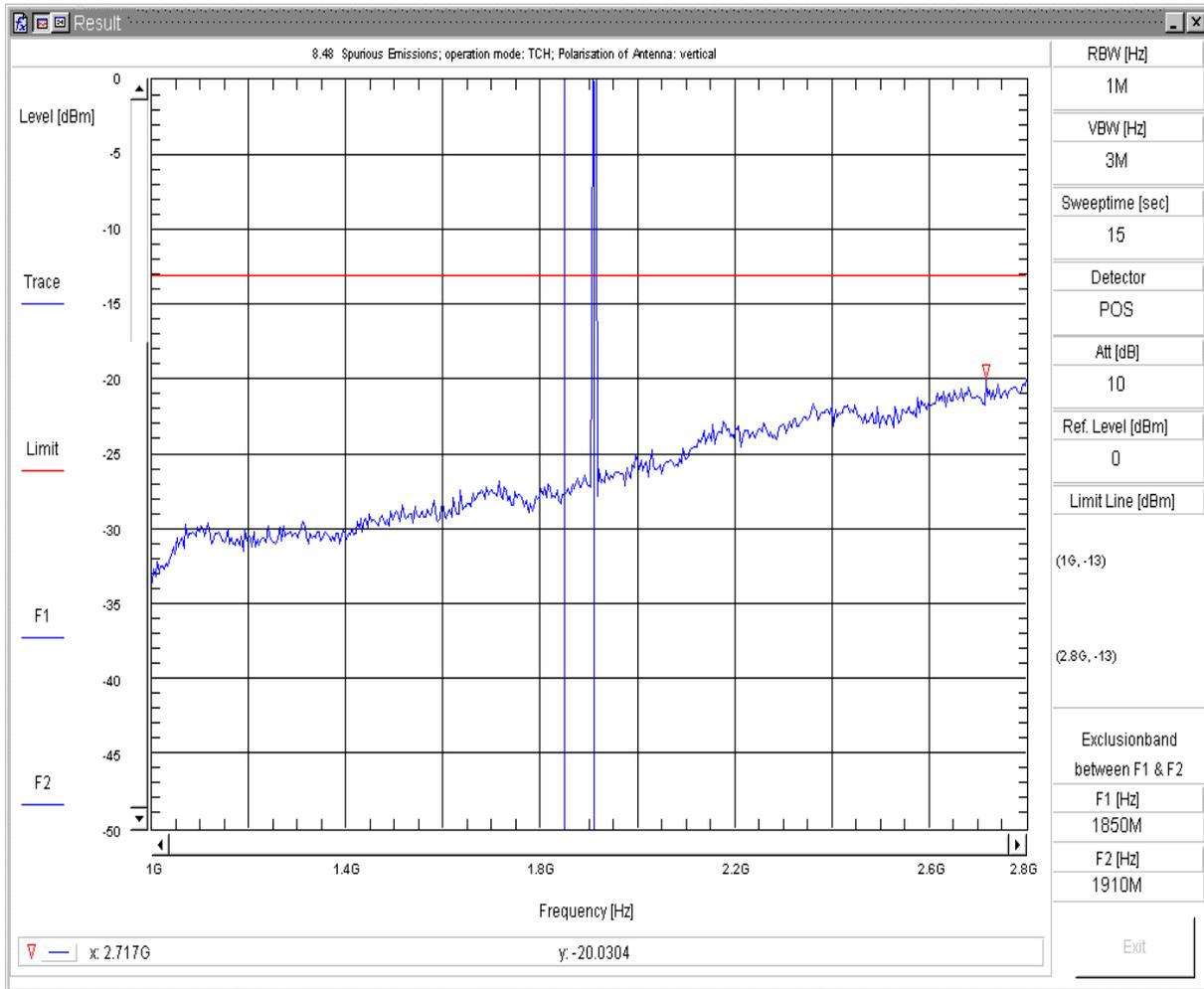


8.47 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: Sweep2
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 13:19:33fp

Spurious Emissions V7.2.5

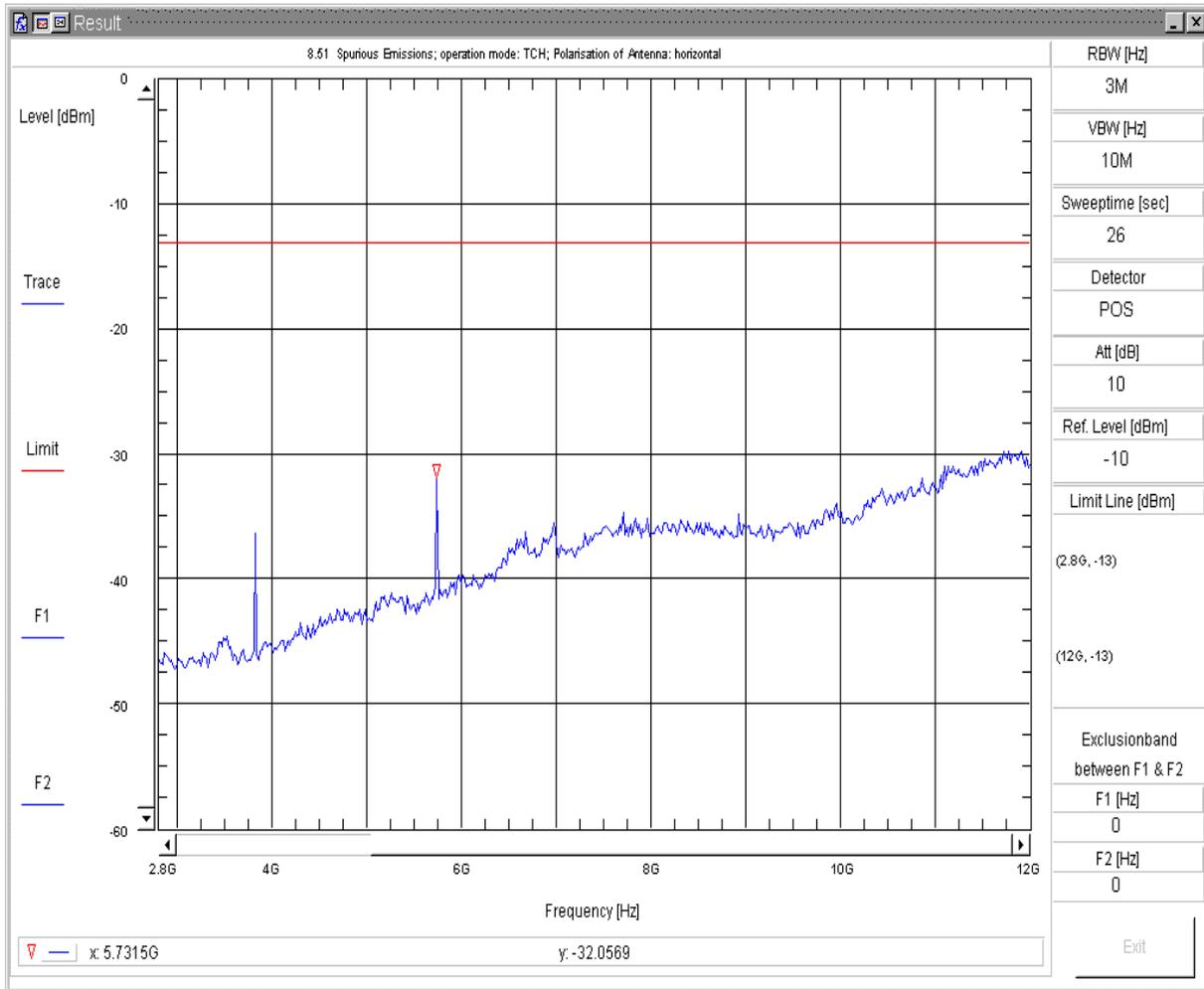


8.48 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep2
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 13:25:54pp

Spurious Emissions V7.2.5

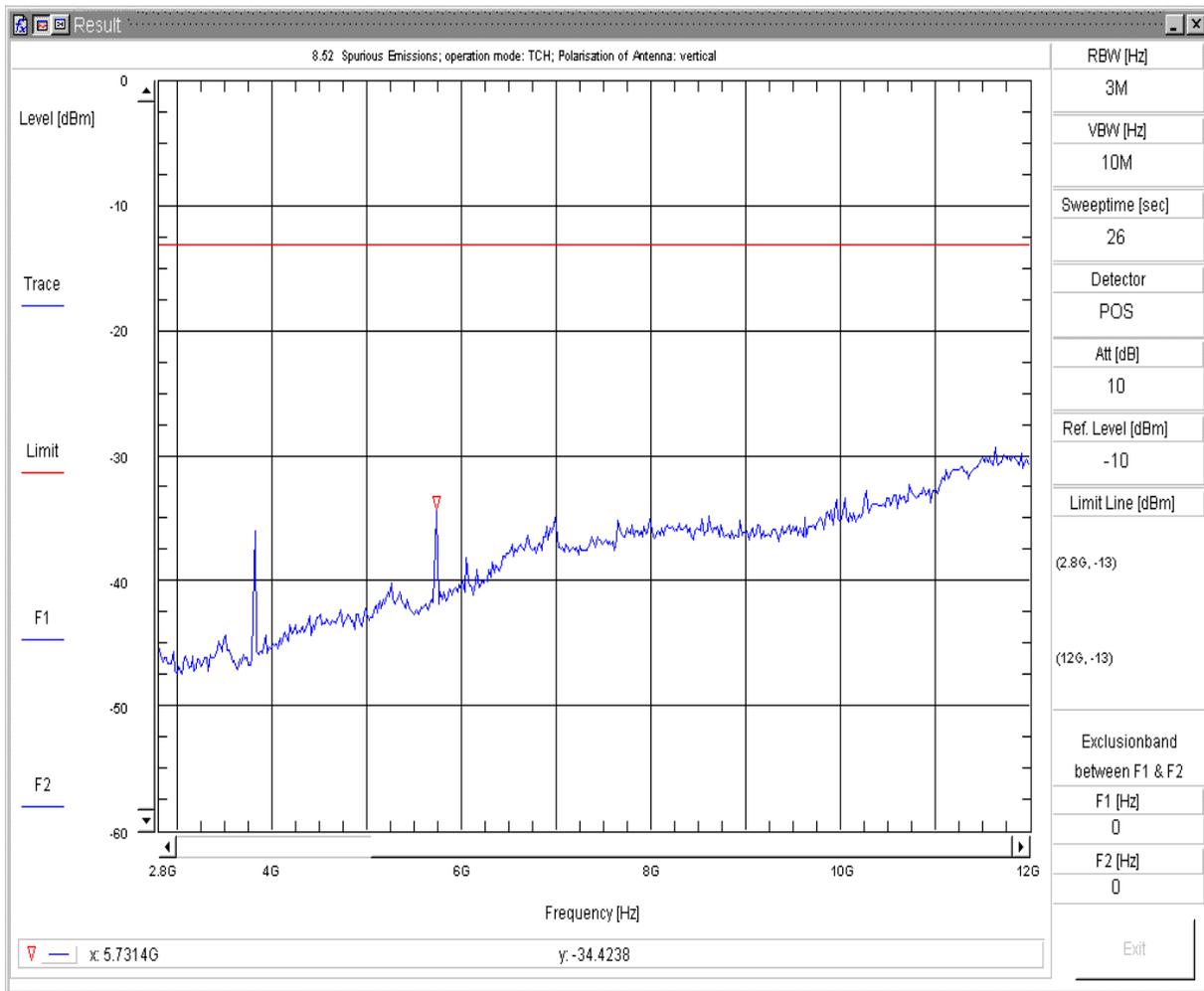


8.51 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: c
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 13:46:42pf

Spurious Emissions V7.2.5

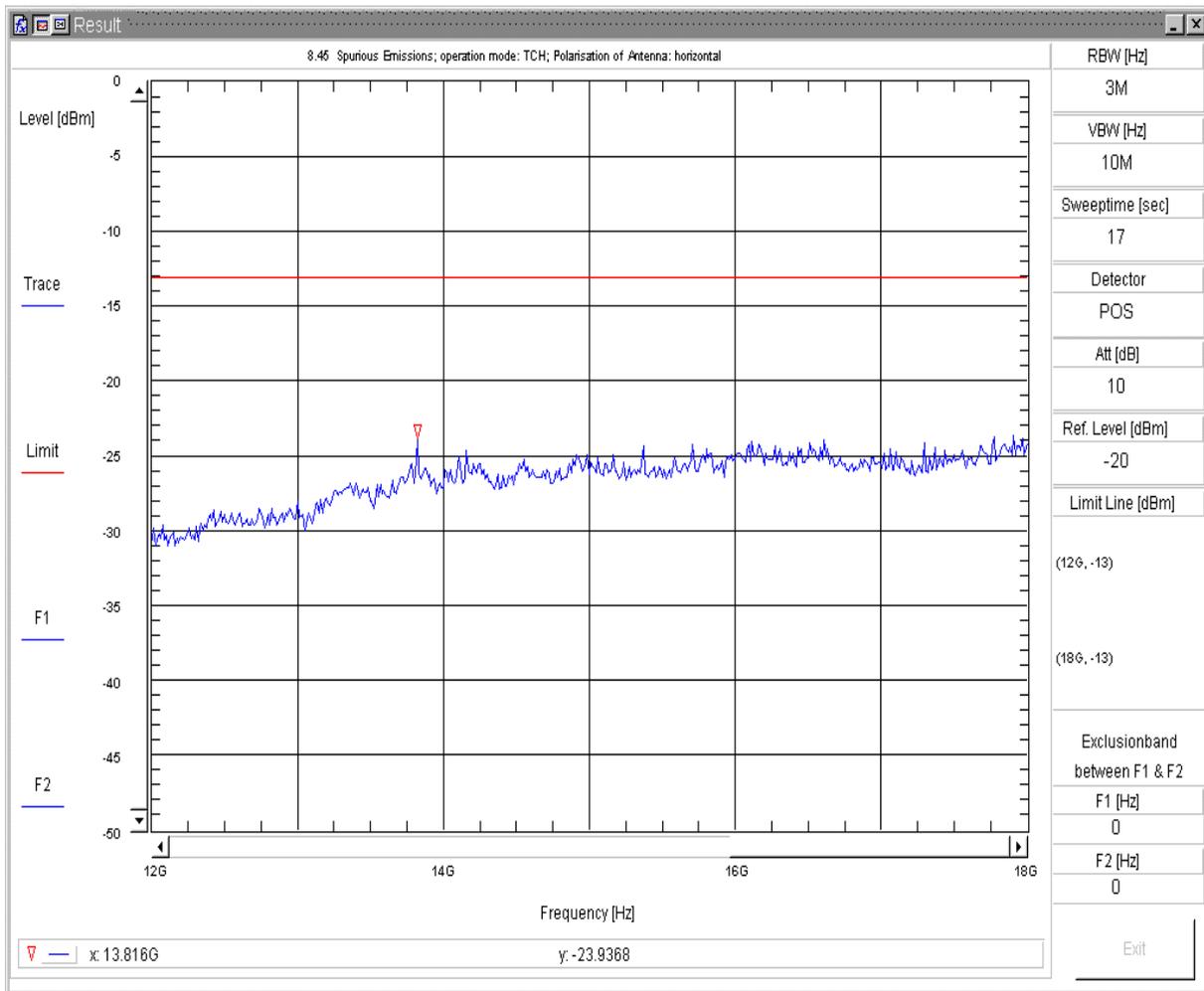


8.52 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: c
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 13:55:29pp

Spurious Emissions V7.2.5

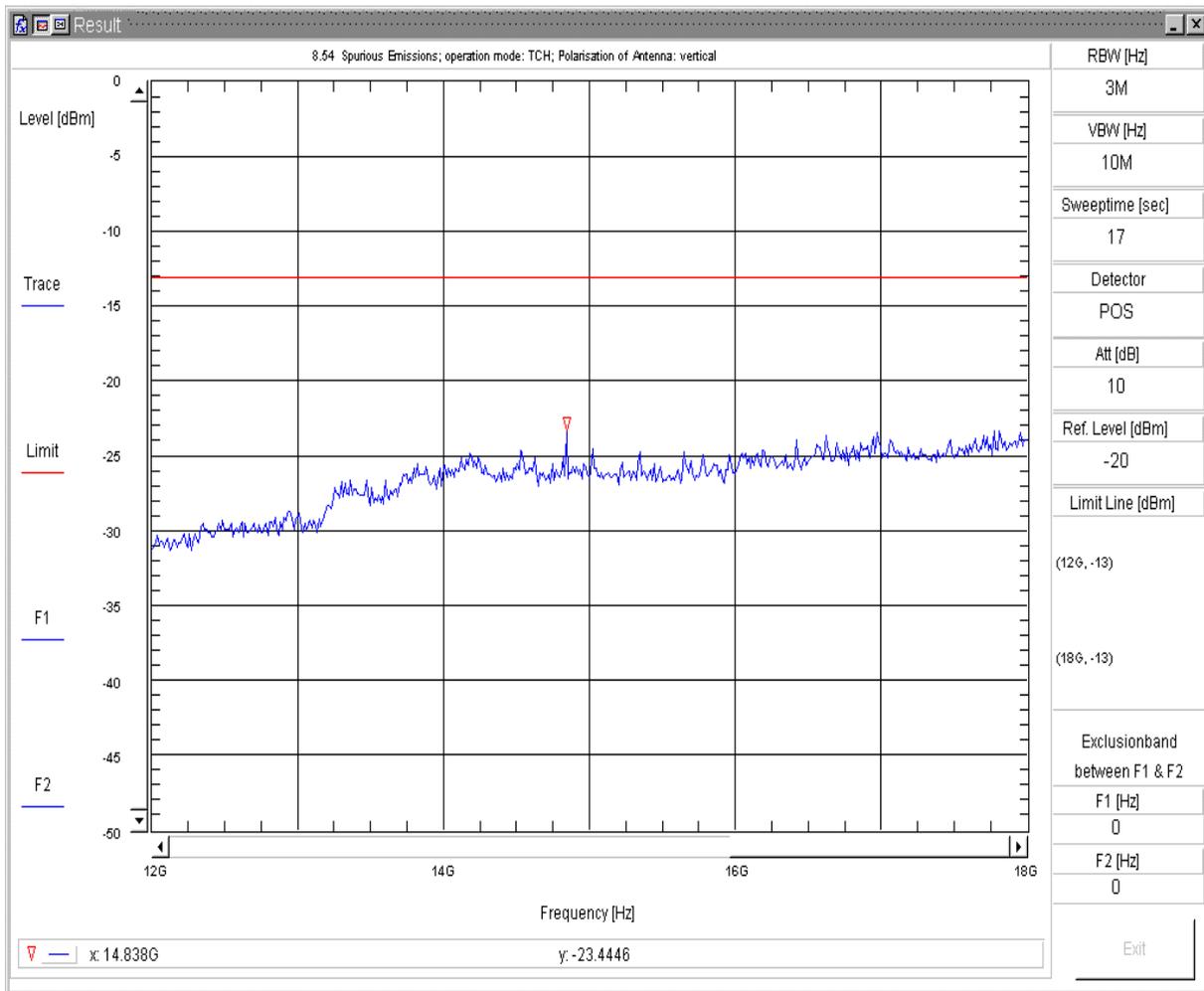


8.53 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: Sweep6
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 12:57:32pp

Spurious Emissions V7.2.5



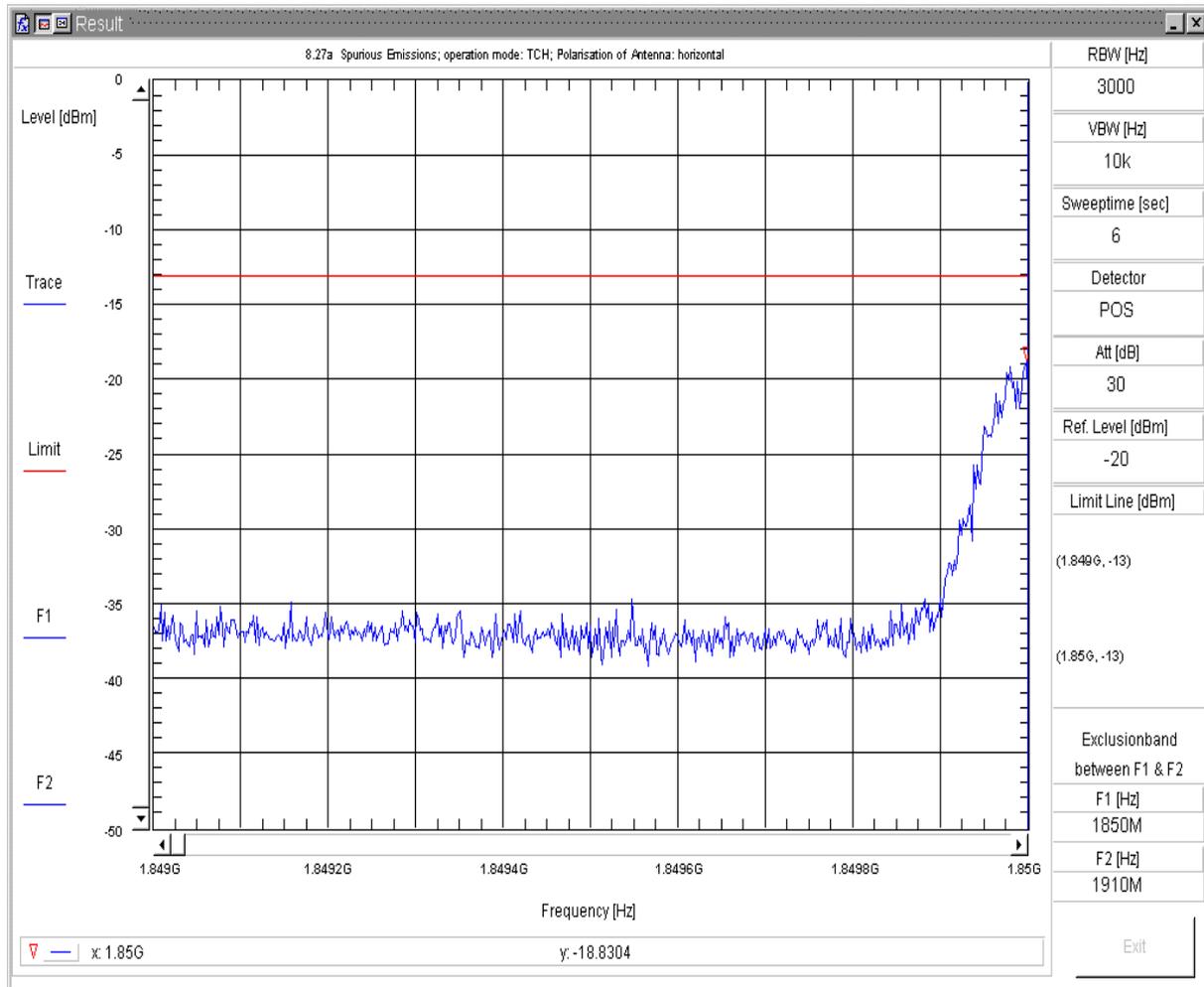
8.54 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep6
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 13:05:52pf

Spurious Emissions V7.2.5

1.8. Band-Edge compliance radiated GSM1900 Mode

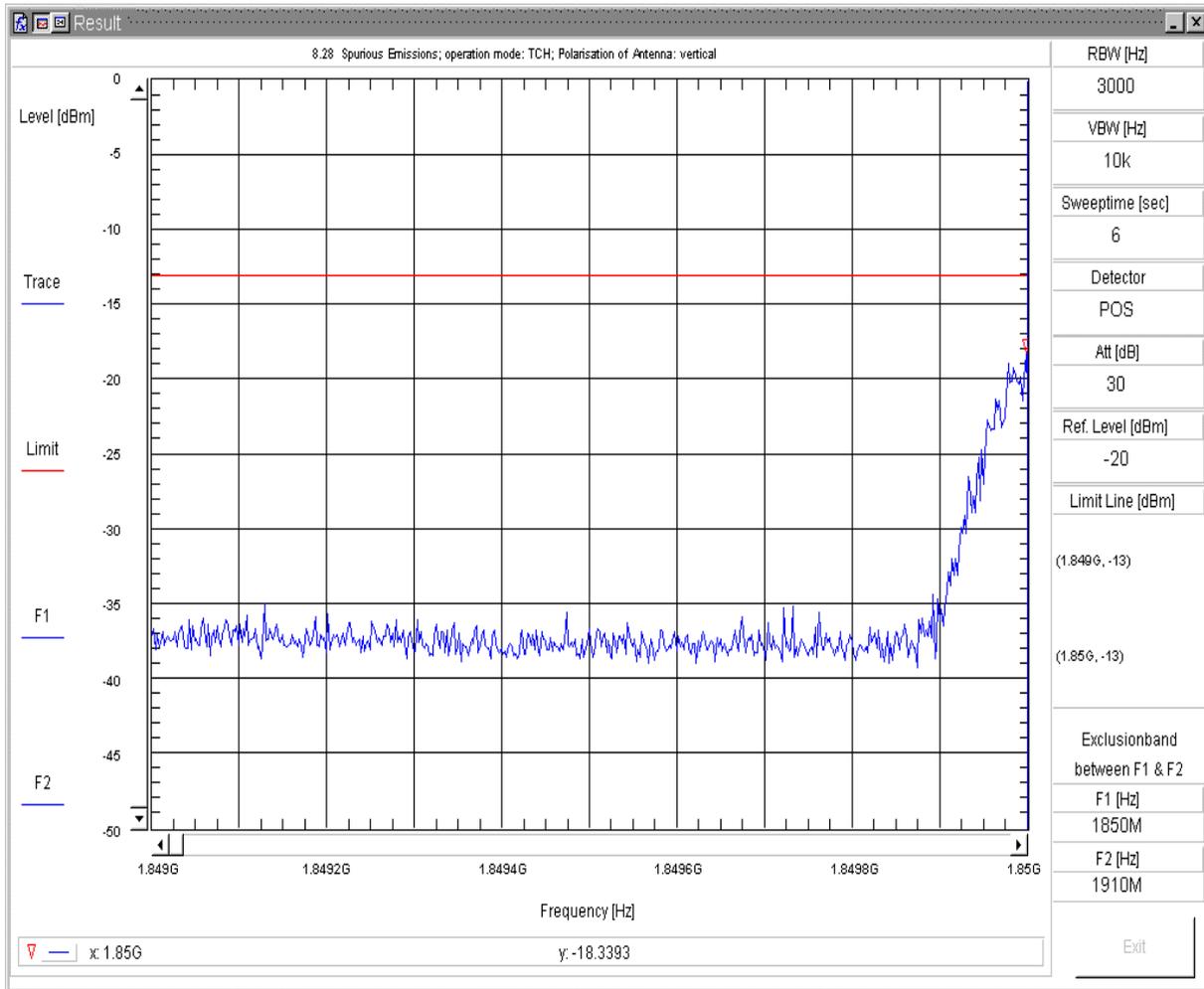


8.27 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: Sweep3
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 11:06:52fp

Spurious Emissions V7.2.5

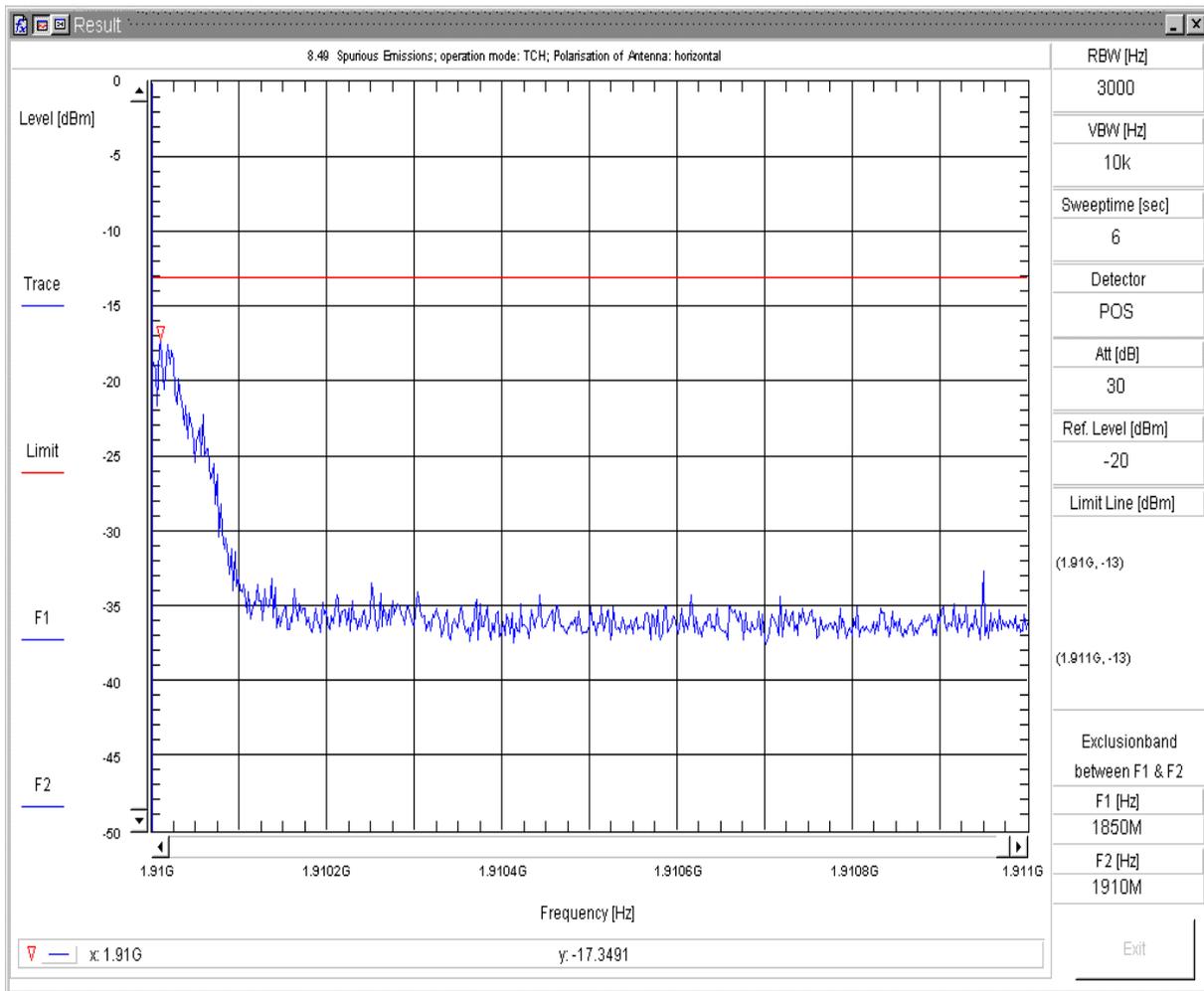


8.28 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep3
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 512
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 11:10:49pp

Spurious Emissions V7.2.5

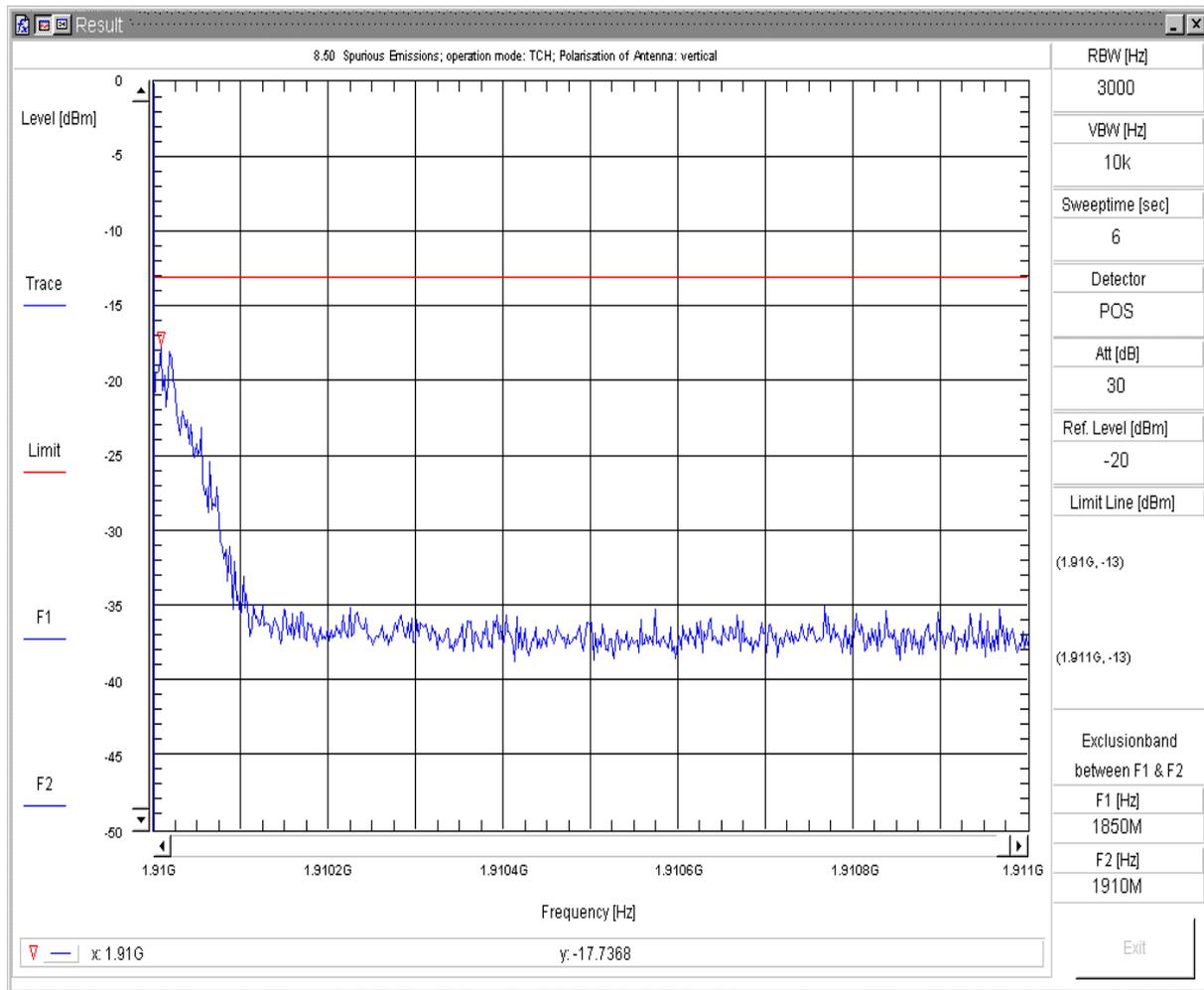


8.49 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_H
 Sweepnr: c
 Pol. of Antenna: horizontal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: chanenl 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 13:36:27fp

Spurious Emissions V7.2.5



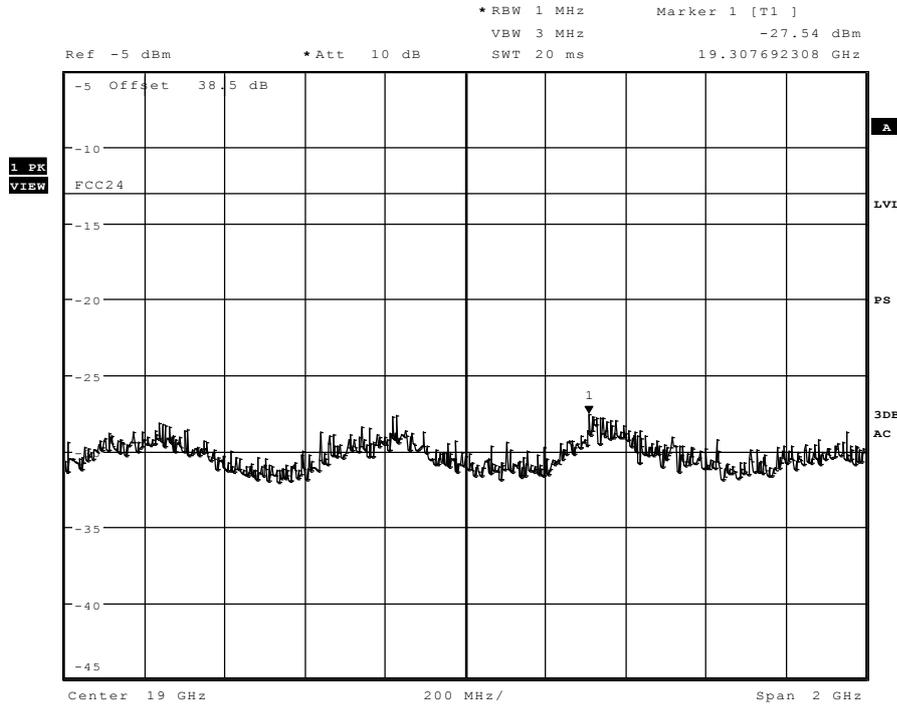
8.50 Radiated Spurious Emission

Transducer: c:\vee_user\spuri_V7\FCC_Part_24.238_(GSM_1900)\TD_TX_V
 Sweepnr: Sweep4
 Pol. of Antenna: vertikal
 EUT Position: EUT_vertical+horizontal
 EUT OP Mode: FCC_Part_24.238_(GSM_1900) TCH
 EUT Description: AAD-3880122-BV+Headset+AC/DC Adapter+USB cable
 EUT add. Info: Headset: CAA-0004013
 EUT Hardware: AP1
 EUT Software: 4.0.1.A.0.57
 EUT Config:
 EUT S/N: CB5A1EZR87
 Battery: AC/DC Charger; Maximum Voltage; 4.1 VDC
 Remark: channel 810
 Operator: Lor
 Testing Site: Fully Anechoic Room (FAR); CETECOM Essen

Tue 02/Aug/2011 13:40:42pp

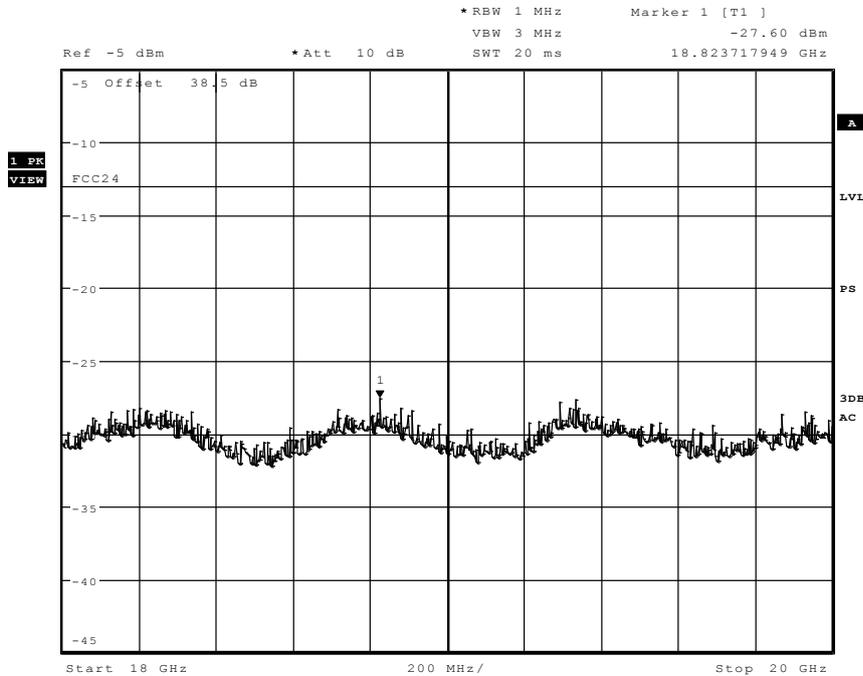
Spurious Emissions V7.2.5

1.9. Radiated emissions in the frequency range above 18GHz – GSM1900 Mode



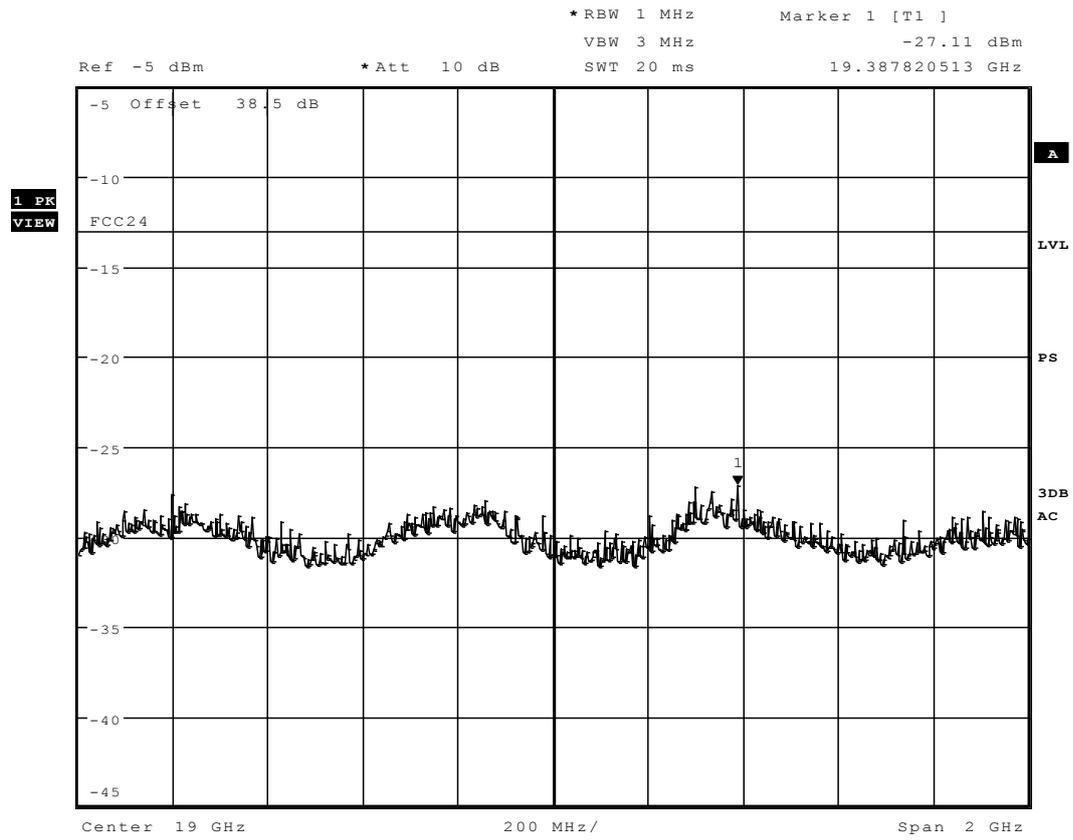
Date: 16.SEP.2011 08:23:10

Channel 512 (Overview measurement only)



Date: 16.SEP.2011 08:19:06

Channel 661 (Overview measurement only)



Date: 16.SEP.2011 08:25:22

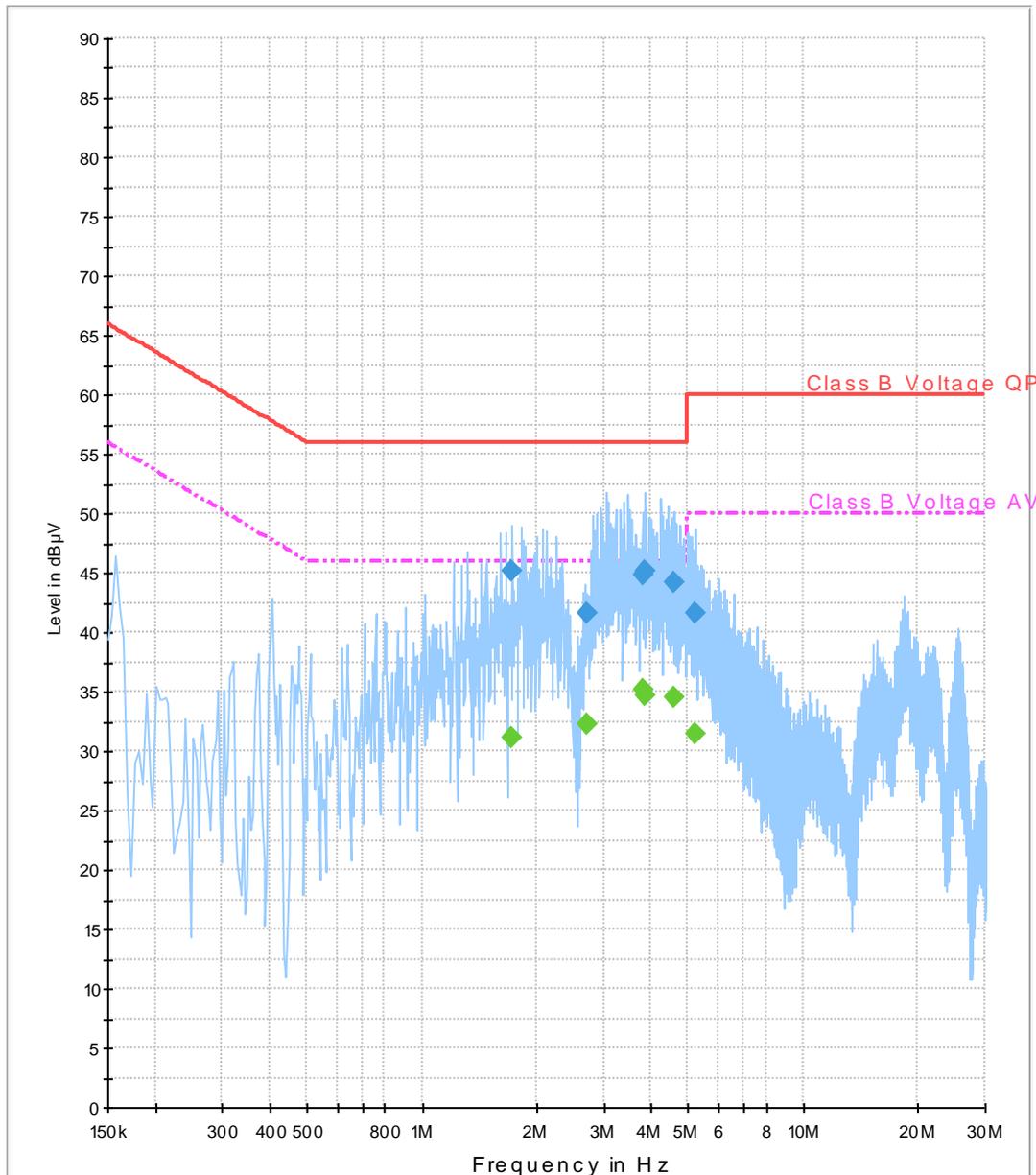
Channel 810 (Overview measurement only)

1.10. Conducted emissions on AC-mains (f<30MHz)

Diagram No. A_1.01

Test Description:	Conducted Voltage Measurement Class B
Test specification:	FCC 15.107 class B /RSS-Gen, Issue 3
Technical Data:	Please see next page for detailed information
Diagram:	Shows the peak values as a sum of measured ports (N+L1) in maxhold mode
Operator name:	OOu
EUT:	AAD-3880122-BV + EC700 + CAA-0002016-BV + CCA-0004013
Manufacturer:	Sony Ericsson
Operating mode:	GSM850 TCH
Measured on line:	Mains AC L1 and N
Power during test:	110 V AC 60 Hz

01_Class B_Voltage_PK_QPAV_N_L1



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.715625	45.1	15000.0	9.000	GND	L1	0.1	10.9	56.0
2.694844	41.6	15000.0	9.000	GND	L1	0.1	14.5	56.0
3.821094	44.8	15000.0	9.000	GND	L1	0.1	11.2	56.0
3.846250	45.1	15000.0	9.000	GND	L1	0.1	10.9	56.0
4.557188	44.2	15000.0	9.000	GND	L1	0.1	11.8	56.0
5.229531	41.5	15000.0	9.000	GND	L1	0.1	18.5	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.715625	31.2	15000.0	9.000	GND	L1	0.1	14.8	46.0
2.694844	32.3	15000.0	9.000	GND	L1	0.1	13.7	46.0
3.821094	35.2	15000.0	9.000	GND	L1	0.1	10.8	46.0
3.846250	34.7	15000.0	9.000	GND	L1	0.1	11.3	46.0
4.557188	34.5	15000.0	9.000	GND	L1	0.1	11.5	46.0
5.229531	31.4	15000.0	9.000	GND	L1	0.1	18.6	50.0

EMI Auto Test Template: 01_Class B_Voltage_PK_QPAV_N_L1

Hardware Setup: ESH2-Z5
 Measurement Type: 4 Line LISN
 Frequency Range: 150 kHz - 30 MHz
 Graphics Level Range: 0 dBµV - 90 dBµV

Preview Measurements:
 Scan Test Template: 02_Class B_pre_PK_fast

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	61.035 Hz	PK+	200 Hz	0,00005 s	0 dB
150 kHz - 30 MHz	3.906 kHz	PK+	9 kHz	0,00005 s	0 dB

Receiver: [ESCS 30]

Data Reduction:
 Limit Line #1: Class B Voltage QP
 Limit Line #2: Class B Voltage AV
 Peak Search: 6 dB , Maximum Results: 10
 Subrange Maxima: 50 Subranges , Maxima per Subrange: 2
 Acceptance Offset: -13 dB
 Maximum Number of Results: 30
 After Data Reduction: Interactive data reduction

Frequency Zoom:
 Zoom Scan Template: 08_Class B_maxZoom_PK100mS

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	5 kHz	PK+	200 Hz	0,1 s	0 dB
150 kHz - 30 MHz	5 kHz	PK+	9 kHz	0,1 s	0 dB

Receiver: [ESCS 30]

Final Measurements:
 Template for Single Meas.: 07_Class B_fin_AV_QP

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	4.5 kHz	QPK; CAV	200 Hz	15 s	0 dB
150 kHz - 30 MHz	4.5 kHz	QPK; CAV	9 kHz	15 s	0 dB

Receiver: [ESCS 30]

Report Settings:
 Report Template: Ctc_Standard_class_B
 Create Electronic Report: RTF PDF
 Document Name: EMI Report

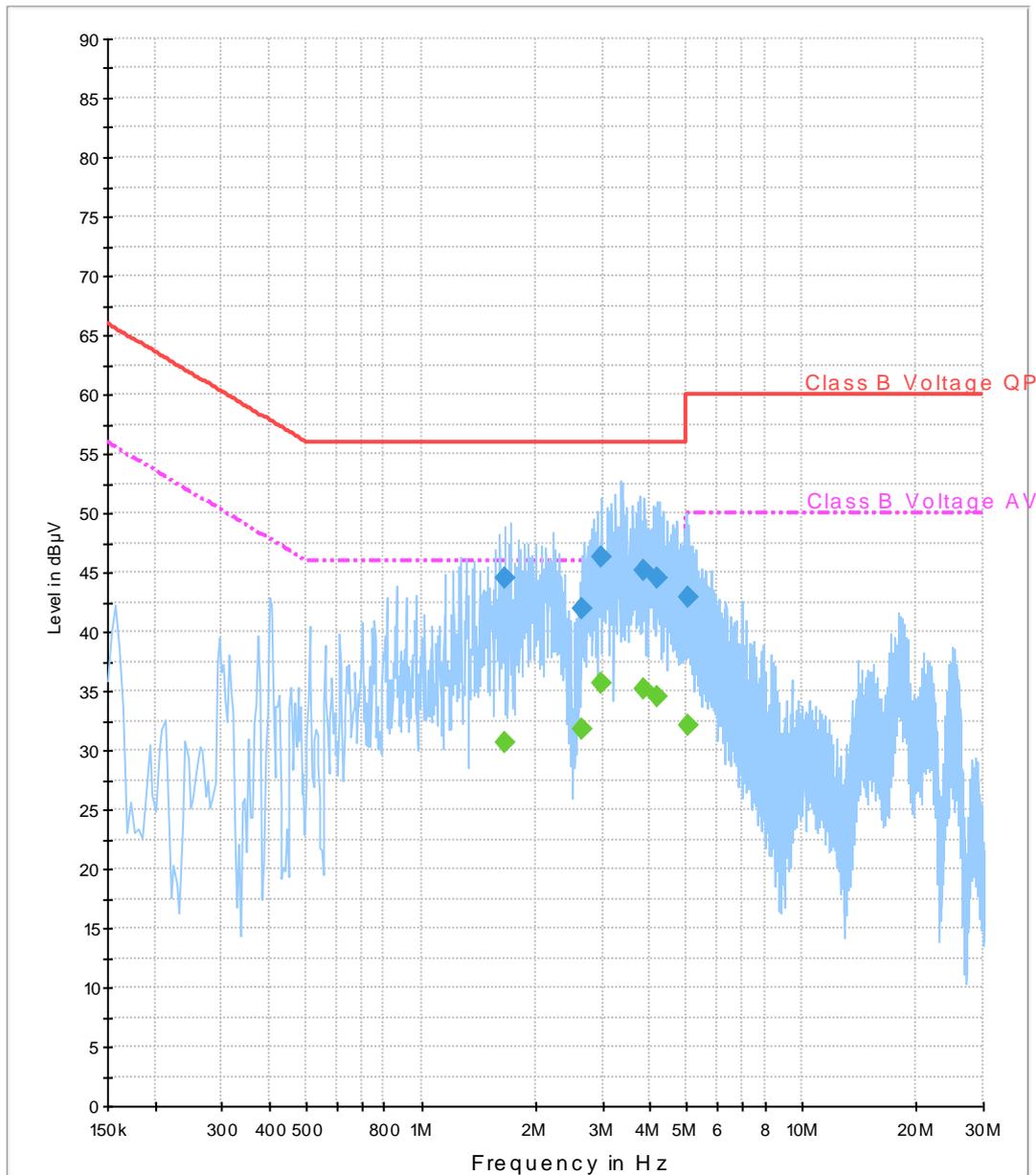
Actions:
 Test stop
 Notify: "End of Test"

Diagram No. A_1.02

Test Description: Conducted Voltage Measurement Class B
Test specification: FCC 15.107 class B/ RSS-Gen, Issue 3
Technical Data: Please see next page for detailed information
Diagram: Shows the peak values as a sum of measured ports (N+L1) in maxhold mode
Operator name: OOu

EUT: AAD-3880122-BV + EC700 + CAA-0002016-BV + CCA-0004013
Manufacturer: Sony Ericsson
Operating mode: GSM1900 TCH
Measured on line: Mains AC L1 and N
Power during test: 110 V AC 60 Hz

01_Class B_Voltage_PK_QPAV_N_L1



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.659219	44.6	15000.0	9.000	GND	L1	0.1	11.4	56.0
2.646875	42.0	15000.0	9.000	GND	L1	0.1	14.0	56.0
2.975000	46.3	15000.0	9.000	GND	L1	0.1	9.7	56.0
3.830625	45.2	15000.0	9.000	GND	L1	0.1	10.8	56.0
4.171406	44.5	15000.0	9.000	GND	L1	0.1	11.5	56.0
5.012344	42.8	15000.0	9.000	GND	L1	0.1	17.2	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.659219	30.7	15000.0	9.000	GND	L1	0.1	15.3	46.0
2.646875	31.7	15000.0	9.000	GND	L1	0.1	14.3	46.0
2.975000	35.7	15000.0	9.000	GND	L1	0.1	10.3	46.0
3.830625	35.1	15000.0	9.000	GND	L1	0.1	10.9	46.0
4.171406	34.6	15000.0	9.000	GND	L1	0.1	11.4	46.0
5.012344	32.2	15000.0	9.000	GND	L1	0.1	17.8	50.0

EMI Auto Test Template: 01_Class B_Voltage_PK_QPAV_N_L1

Hardware Setup: ESH2-Z5
 Measurement Type: 4 Line LISN
 Frequency Range: 150 kHz - 30 MHz
 Graphics Level Range: 0 dBµV - 90 dBµV

Preview Measurements:
 Scan Test Template: 02_Class B_pre_PK_fast

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	61.035 Hz	PK+	200 Hz	0,00005 s	0 dB
150 kHz - 30 MHz	3.906 kHz	PK+	9 kHz	0,00005 s	0 dB

Receiver: [ESCS 30]

Data Reduction:
 Limit Line #1: Class B Voltage QP
 Limit Line #2: Class B Voltage AV
 Peak Search: 6 dB , Maximum Results: 10
 Subrange Maxima: 50 Subranges , Maxima per Subrange: 2
 Acceptance Offset: -13 dB
 Maximum Number of Results: 30
 After Data Reduction: Interactive data reduction

Frequency Zoom:
 Zoom Scan Template: 08_Class B_maxZoom_PK100mS

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	5 kHz	PK+	200 Hz	0,1 s	0 dB
150 kHz - 30 MHz	5 kHz	PK+	9 kHz	0,1 s	0 dB

Receiver: [ESCS 30]

Final Measurements:
 Template for Single Meas.: 07_Class B_fin_AV_QP

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	4.5 kHz	QPK; CAV	200 Hz	15 s	0 dB
150 kHz - 30 MHz	4.5 kHz	QPK; CAV	9 kHz	15 s	0 dB

Receiver: [ESCS 30]

Report Settings:
 Report Template: Ctc_Standard_class_B
 Create Electronic Report: RTF PDF
 Document Name: EMI Report

Actions:
 Test stop
 Notify: "End of Test"

1.11. Radiated MAGNETIC Field Strength measurements (f<30MHz)

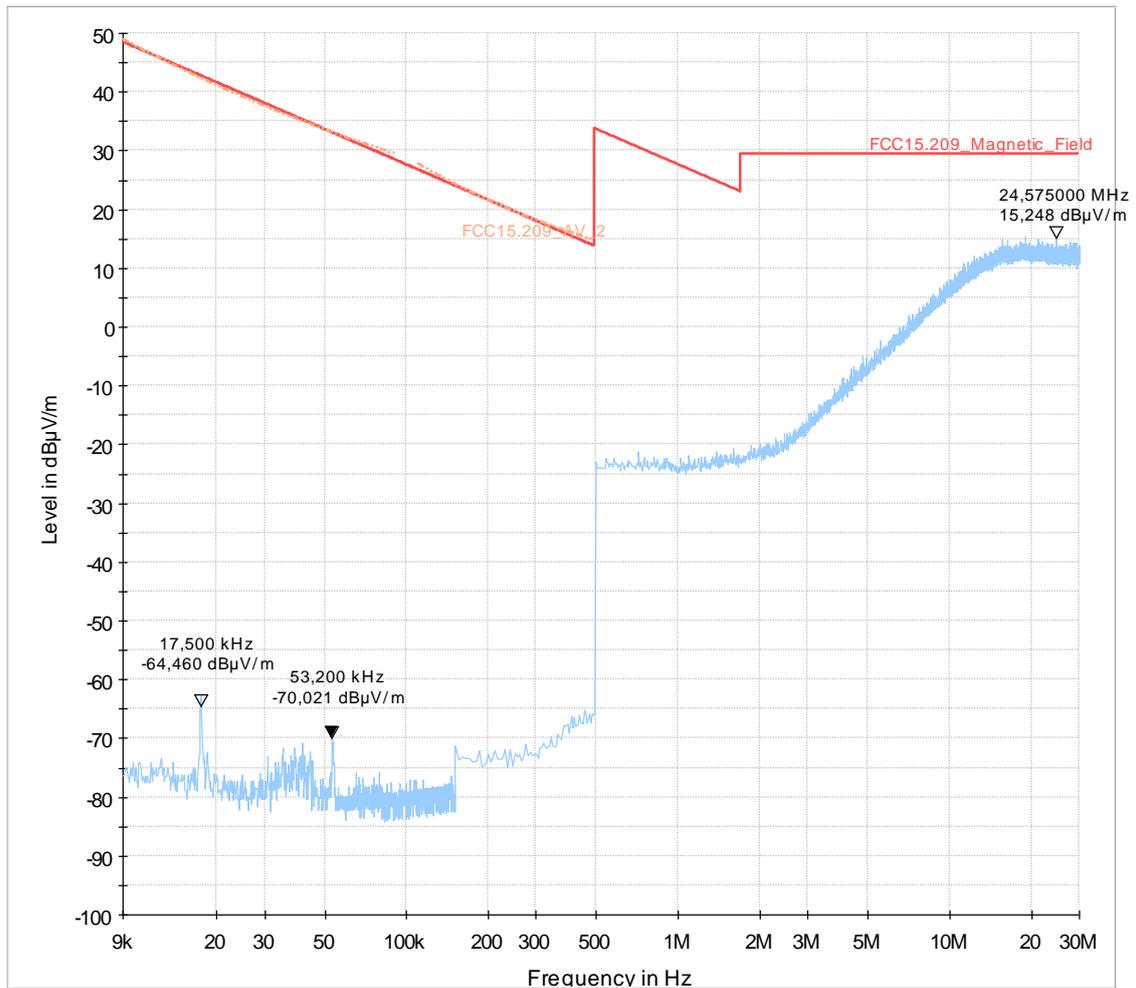


Diagram a_3.01 - Channel 512

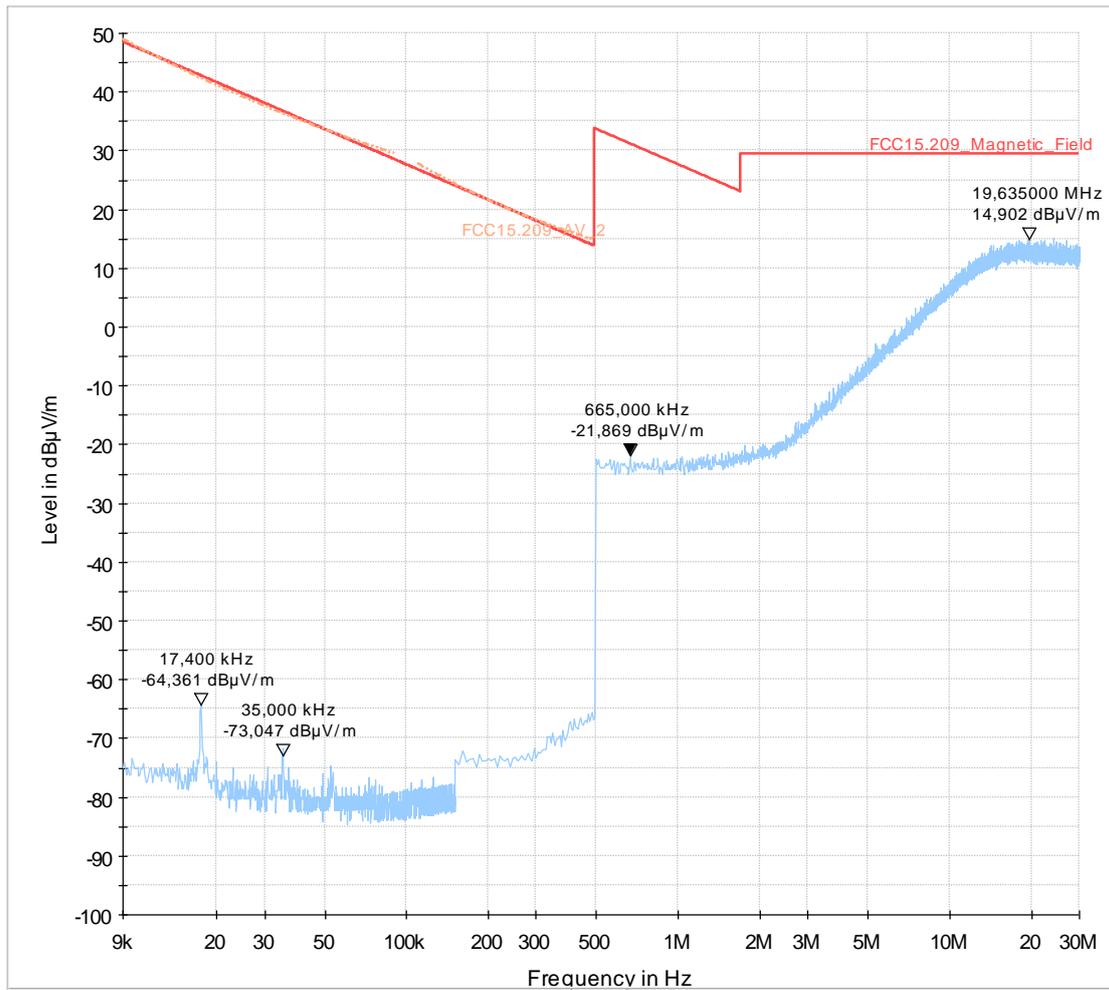


Diagram a_3.02 - Channel 661

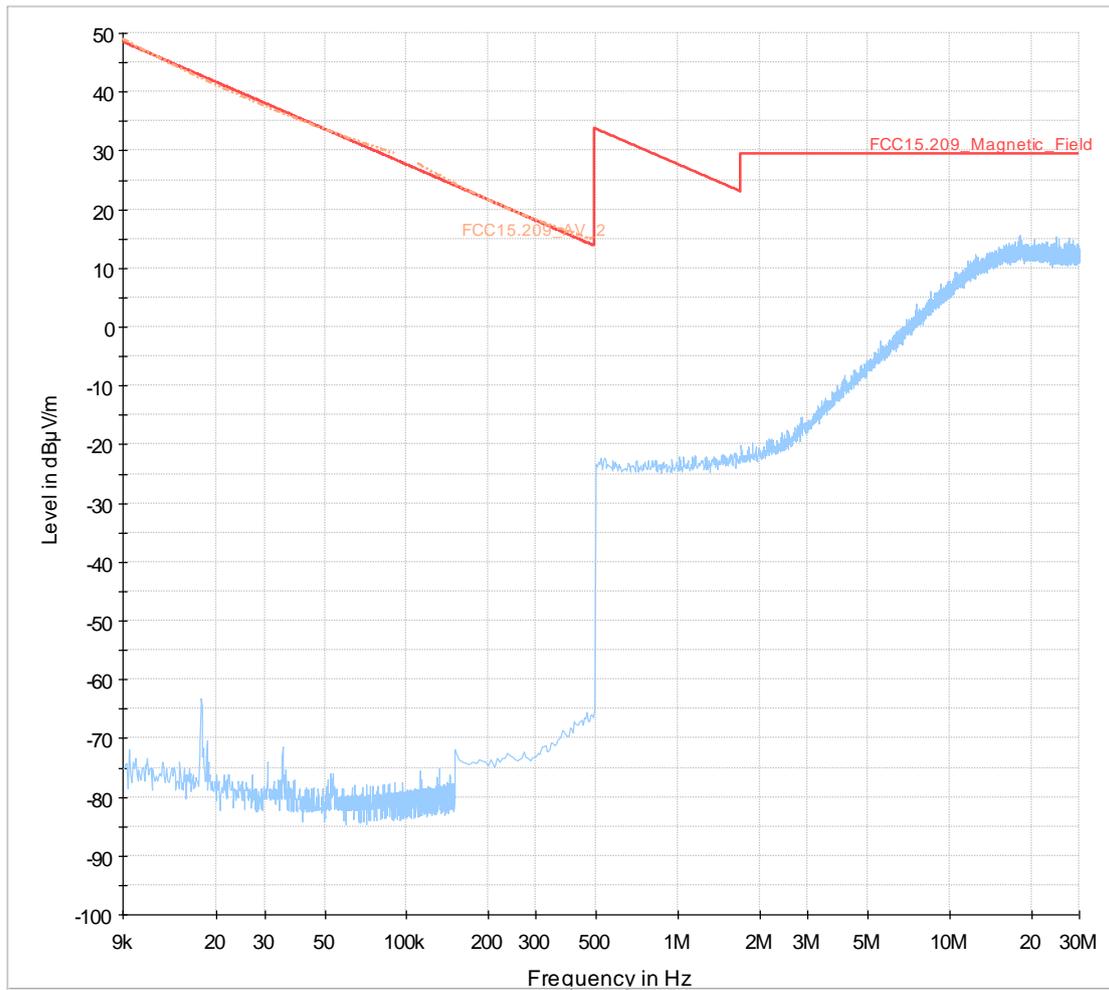


Diagram a_3.03 - Channel 810