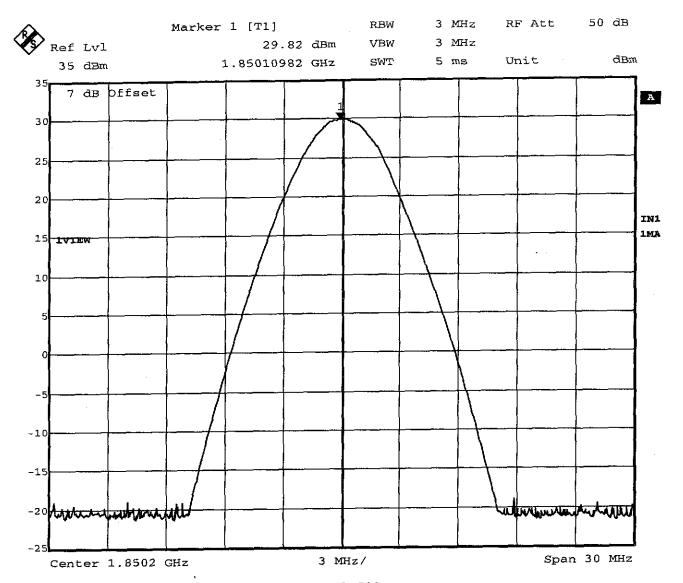


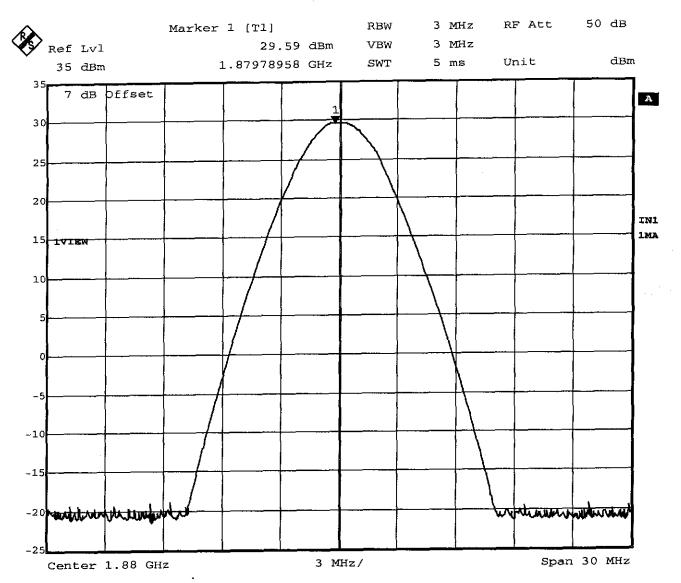
Appendix B

RF Power Output



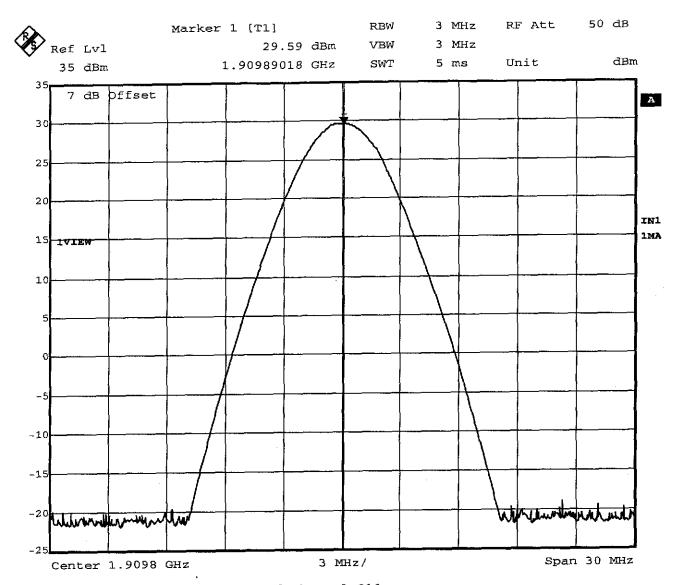
Comment A: Model:Q2426

Date: 9.APR.2003 13:56:50



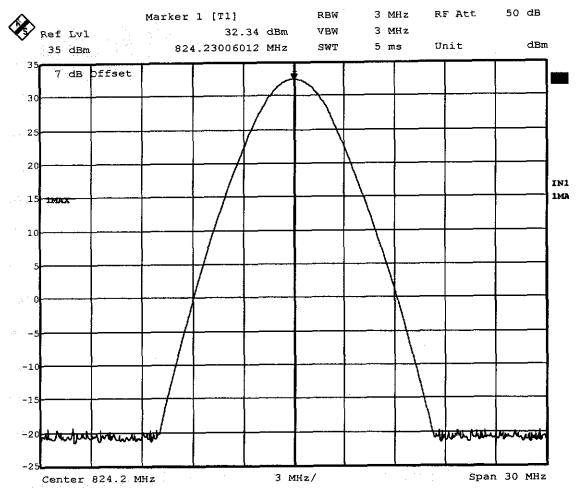
Comment A: Model:Q2426

Date: 9.APR.2003 13:55:01

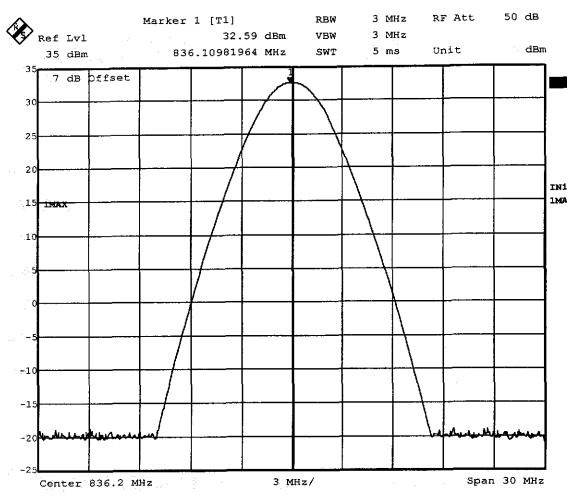


Comment A: Model:Q2426

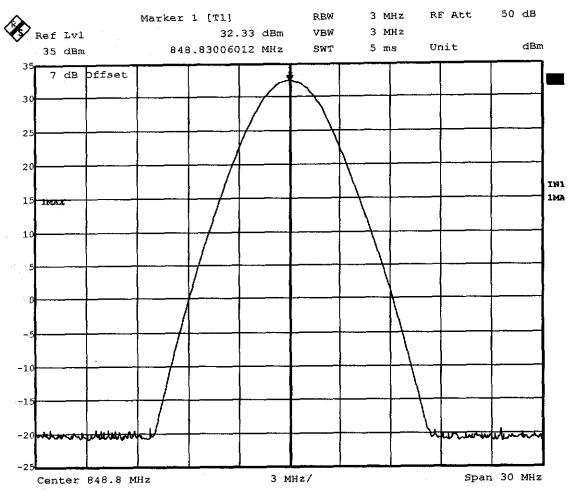
Date: 9.APR.2003 13:58:35



Comment A: Model:Q2426 HW.4.0
Date: 11.APR.2003 09:06:55



Comment A: Model:Q2426 HW.4.0
Date: 11.APR.2003 09:04:54



Comment A: Model:Q2426 HW.4.0
Date: 11.APR.2003 09:08:57



Appendix C

ERP, EIRP

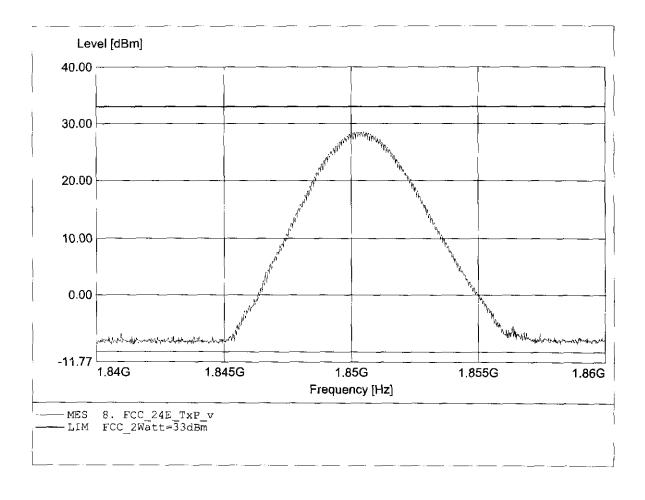
GSM/GPRS Module EUT/Model : Q2426

Approval Holder: Wavecom Channel: 512

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.6 VDC according to \$24.232 Dist.: 3m, Ant.: HL025,PCL 0 Test Specification:

Comment 1:

Freq: 1.850GHz, Pmax: 28.54dBm, RBW: 3MHz Comment 2:



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 512

Channel:

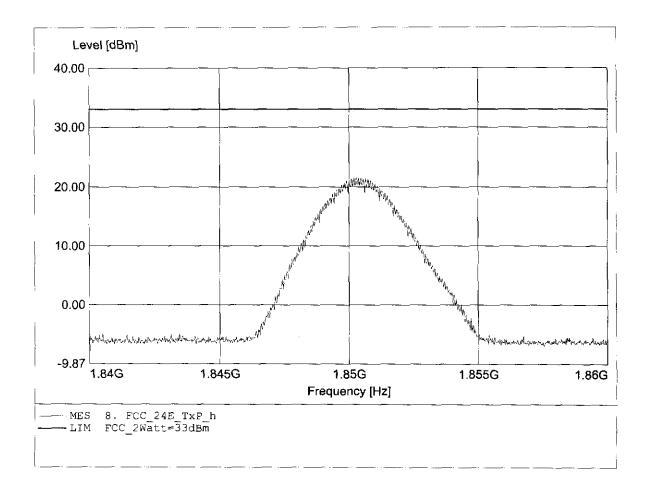
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.6 VDC according to \$24.232

Test Specification: Comment 1:

Dist.: 3m, Ant.: HL025, PCL 0

Comment 2:

Freq: 1.850GHz, Pmax: 21.61dBm, RBW: 3MHz



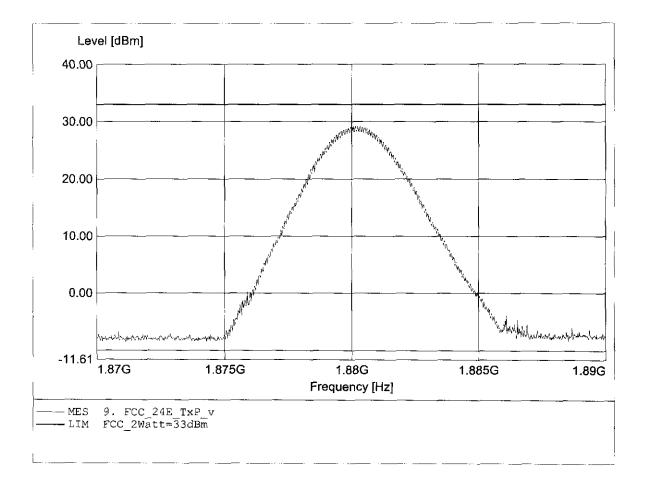
EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 661

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.6 VDC Test Specification: according to \$24.232

Comment 1: Dist.: 3m, Ant.: HL025, PCL 0

Comment 2: Freq: 1.880GHz, Pmax: 29.16dBm, RBW: 3MHz



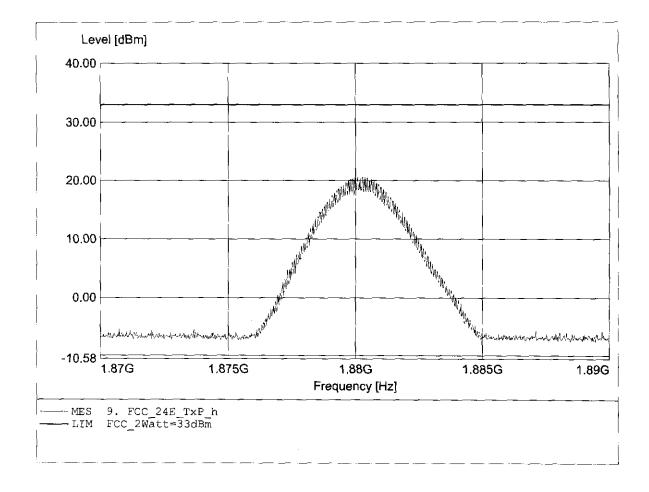
EUT/Model : GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 661

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.6 VDC according to \$24.232 Dist.: 3m, Ant.: HL025,PCL 0 Test Specification:

Comment 1:

Comment 2: Freq: 1.880GHz, Pmax: 20.62dBm, RBW: 3MHz



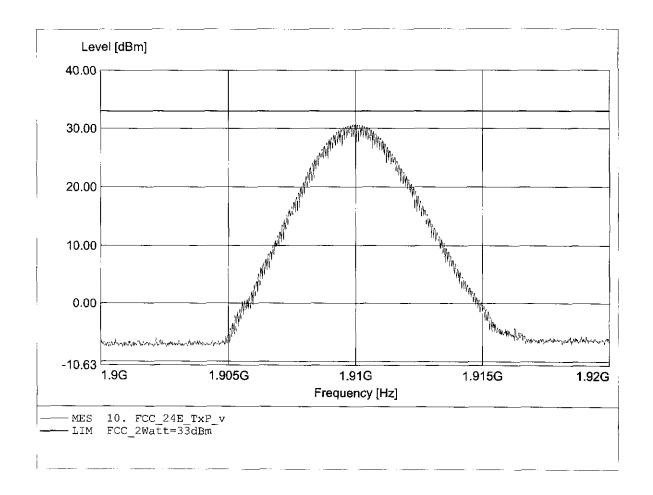
EUT/Model : GSM/GPRS Module Q2426

Wavecom Approval Holder: Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.6 VDC Test Specification: according to \$24.232

Comment 1:

Dist.: 3m, Ant.: HL025, PCL 0 Freq: 1.910GHz, Pmax: 30.67dBm, RBW: 3MHz Comment 2:



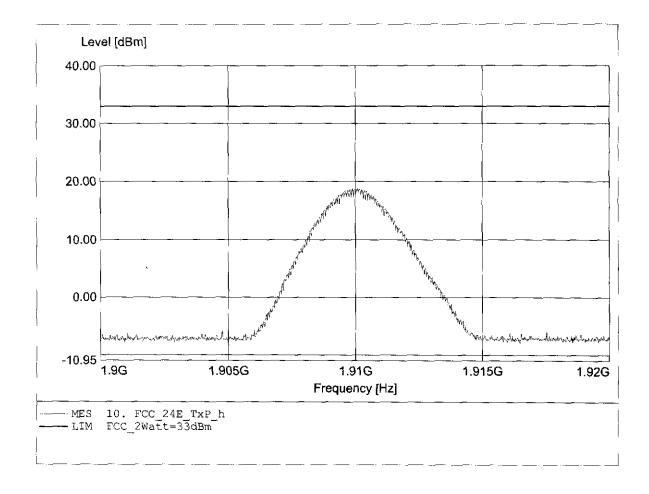
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.6 VDC Test Specification: according to \$24.232

Comment 1:

Dist.: 3m, Ant.: HL025, PCL 0 Freq: 1.910GHz, Pmax: 18.80dBm, RBW: 3MHz Comment 2:



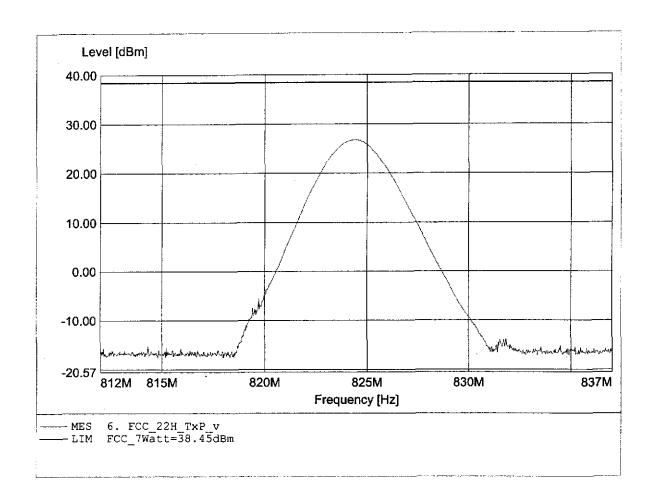
GSM/GPRS Module Q2426 / HW 4.0 EUT/Model :

Approval Holder: Wavecom Channel: 128

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$22.913 Dist.: 3m, Ant.: HL223 Test Specification:

Comment 1: Comment 2:

Freq: 824.472MHz, Pmax: 26.87dBm, RBW: 3MHz



EUT/Model :

GSM/GPRS Module Q2426 / HW 4.0

Approval Holder:

Wavecom 128

Channel:

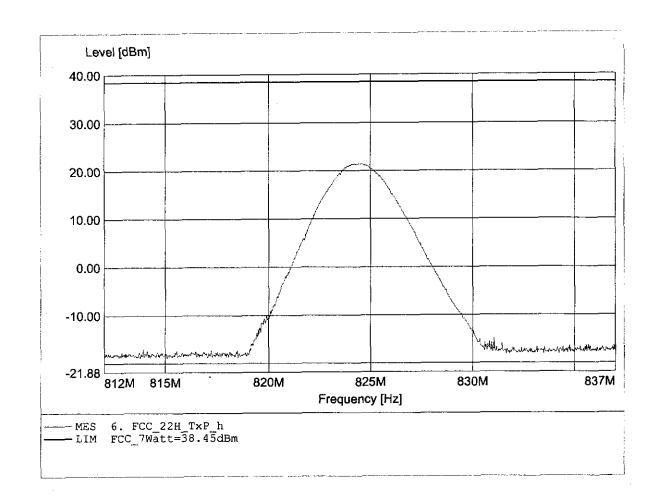
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification: Comment 1:

according to \$22.913 Dist.: 3m, Ant.: HL223

Comment 2:

Freq: 824.417MHz, Pmax: 21.46dBm, RBW: 3MHz

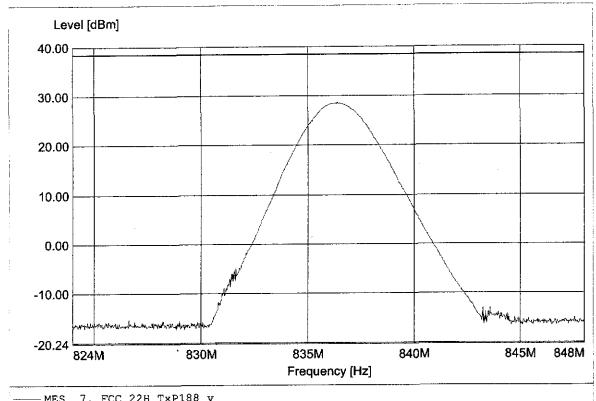


EUT/Model: GSM/GPRS Module Q2426 / HW 4.0

Approval Holder: Wavecom Channel: 188

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$22.913
Comment 1: Dist.: 3m, Ant.: HL223

Comment 2: Freq: 836.400MHz, Pmax: 28.60dBm, RBW: 3MHz



— MES 7. FCC_22H_TxP188_v — LIM FCC_7Watt=38.45dBm

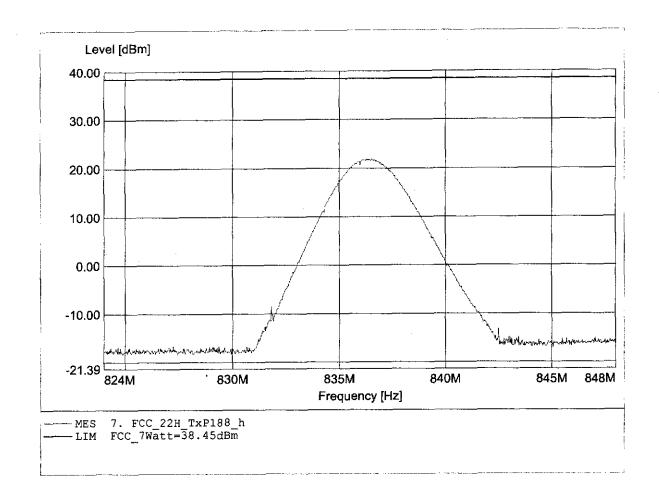
EUT/Model: GSM/GPRS Module Q2426 / HW 4.0

Approval Holder: Wavecom Channel: 188

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$22.913

Comment 1: Dist.: 3m, Ant.: HL223

Comment 2: Freq: 836.347MHz, Pmax: 21.87dBm, RBW: 3MHz



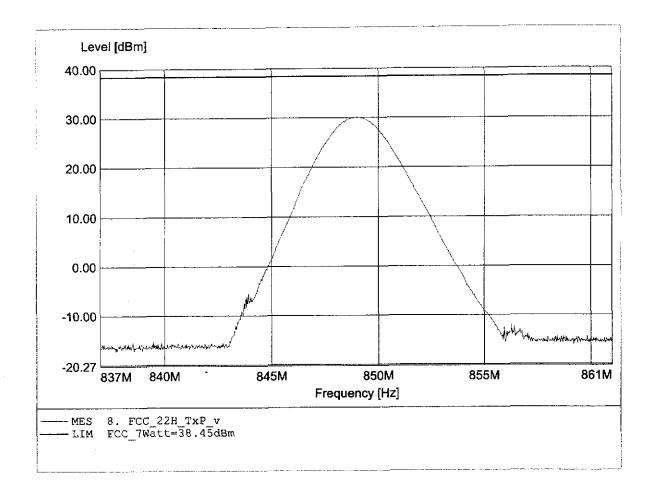
GSM/GPRS Module Q2426 / HW 4.0 EUT/Model :

Approval Holder: Wavecom Channel: 251

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$22.913 Dist.: 3m, Ant.: HL223 Test Specification:

Comment 1: Comment 2:

Freq: 849.000MHz, Pmax: 30.15dBm, RBW: 3MHz

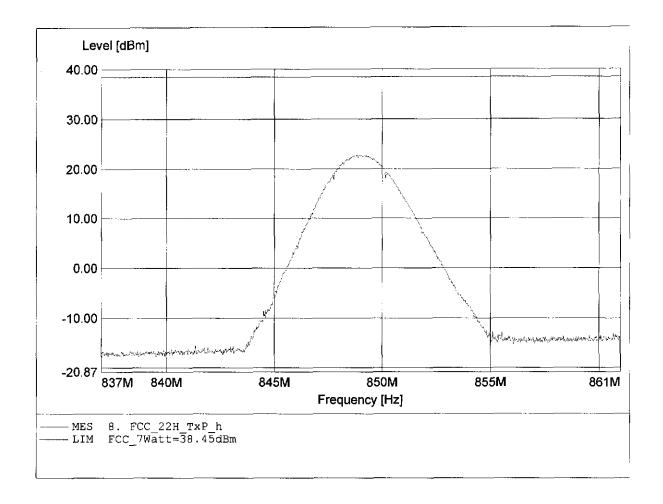


EUT/Model: GSM/GPRS Module Q2426 / HW 4.0

Approval Holder: Wavecom Channel: 251

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$22.913
Comment 1: Dist.: 3m, Ant.: HL223

Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 849.0MHz, Pmax: 22.81dBm, RBW: 3MHz





Appendix D

Modulation Requirements



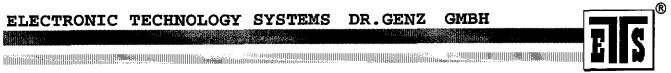
Appendix E

Audio Filter Characteristics



Appendix F

Emission Limitation



Appendix G

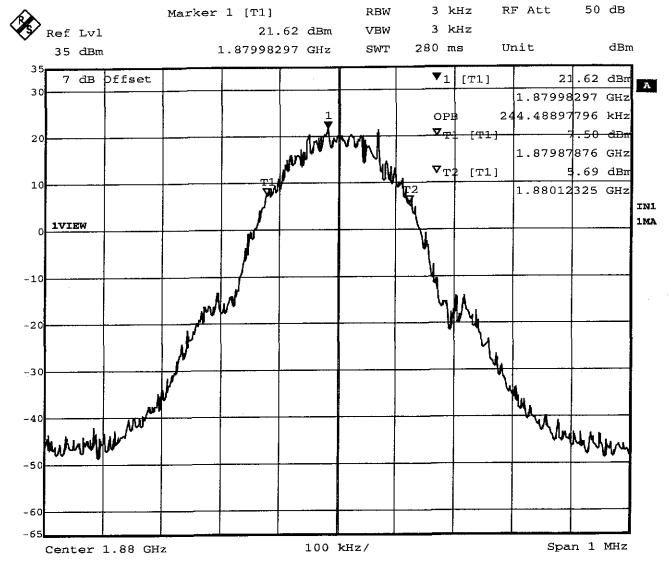
Occupied Bandwith

RF Att 50 dB 3 kHz RBW Marker 1 [T1] VBW 3 kHz Ref Lvl 21.42 dBm dBm1.85021503 GHz 280 ms Unit SWT 35 dBm 21.42 dBm **▼**1 [T1] Offset 7 dB 30 1.85021503 GHz 244.48897796 kHz OPB 20 1.85007876 GHz ▼_T≱ [T1] d.27 dBm 10 1.85032325 GHz IN1 1MA 1VIEW -10 -20 -30 the Milly who well hamily mary -60 -65 Span 1 MHz Center 1.8502 GHz 100 kHz/

Title: Occupied Bandwidth Channel 512

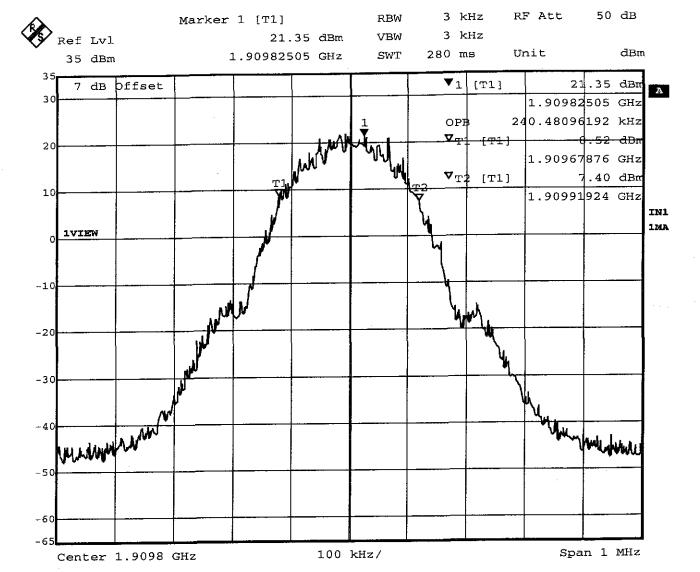
Comment A: Model:Q2426

Date: 9.APR.2003 14:12:59



Comment A: Model:Q2426

Date: 9.APR.2003 14:08:47



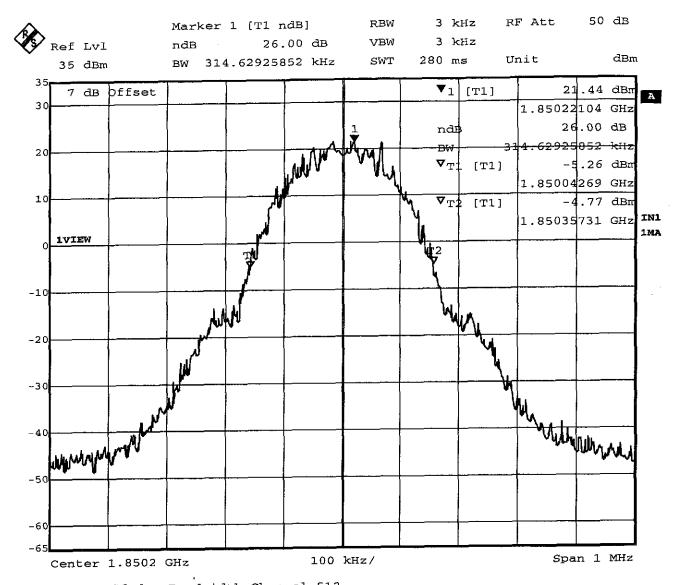
Title: O

Occupied Bandwidth Channel 810

Comment A: Model:Q2426

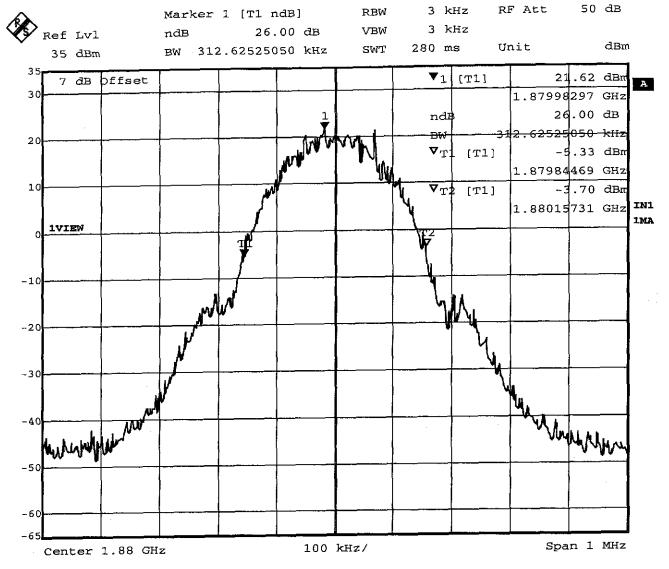
Date:

9.APR.2003 14:02:44



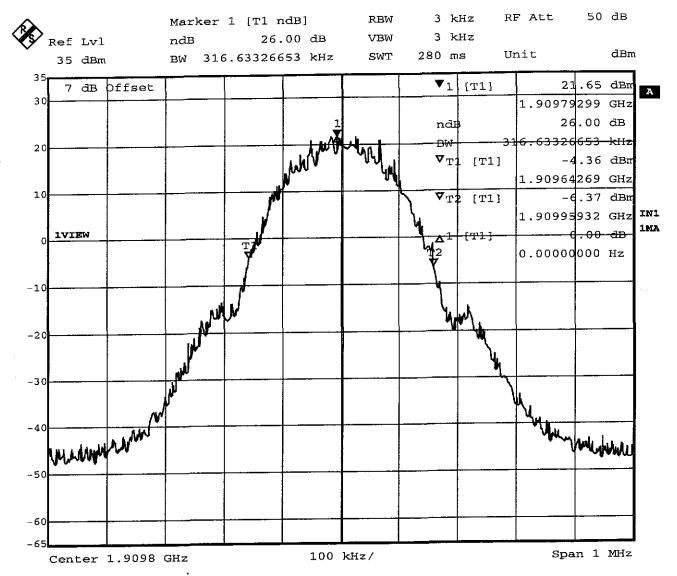
Comment A: Model:Q2426

Date: 9.APR.2003 14:14:37



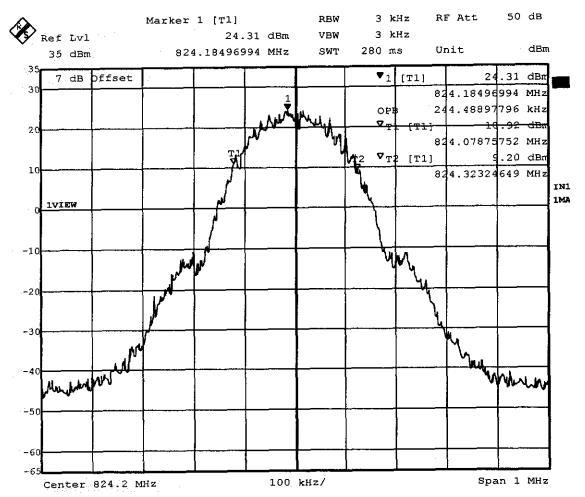
Comment A: Model:Q2426

Date: 9.APR.2003 14:10:17

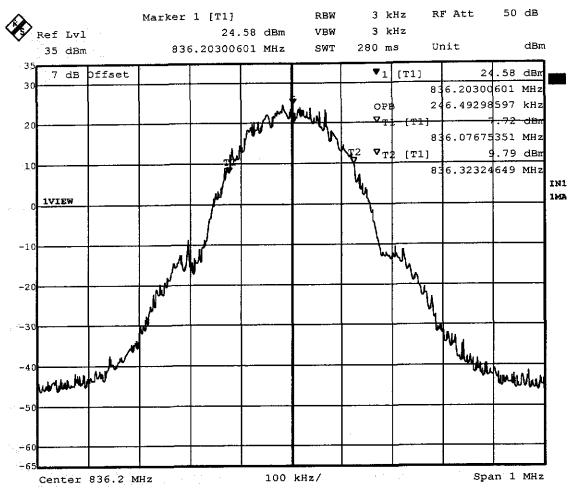


Comment A: Model:Q2426

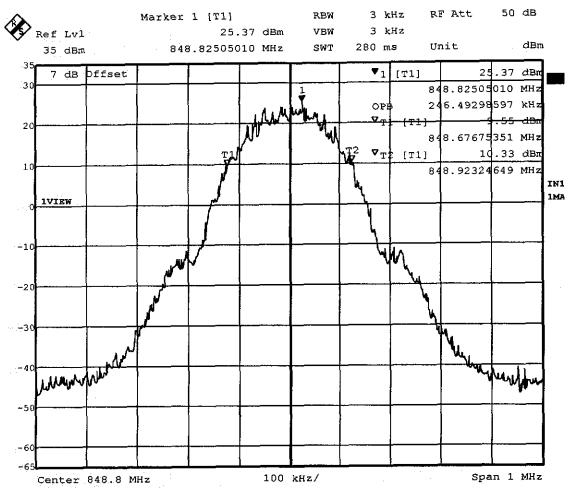
Date: 9.APR.2003 14:05:47



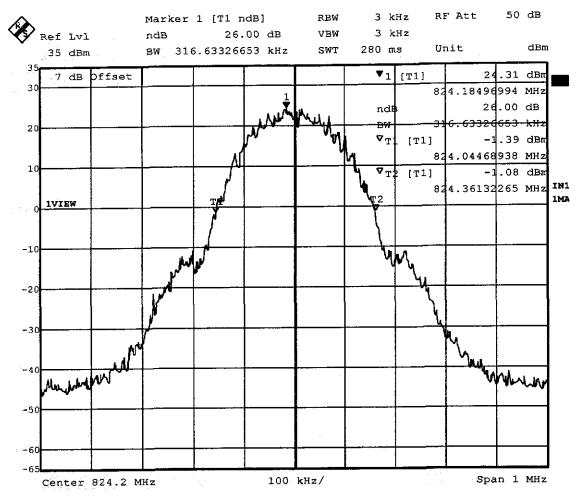
Comment A: Model:Q2426 HW.4.0
Date: 11.APR.2003 09:21:43



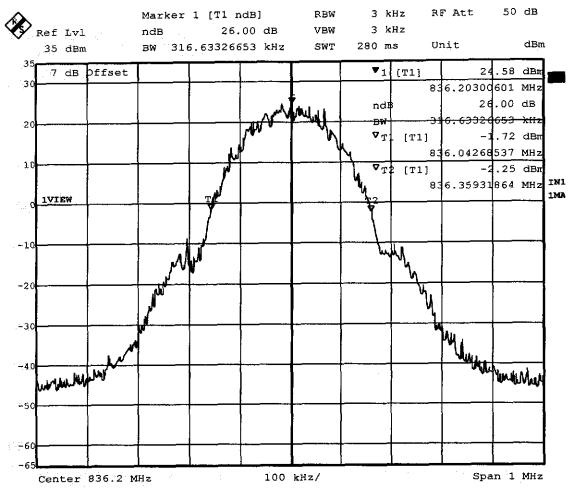
Comment A: Model:Q2426 HW.4.0
Date: 11.APR.2003 09:17:15



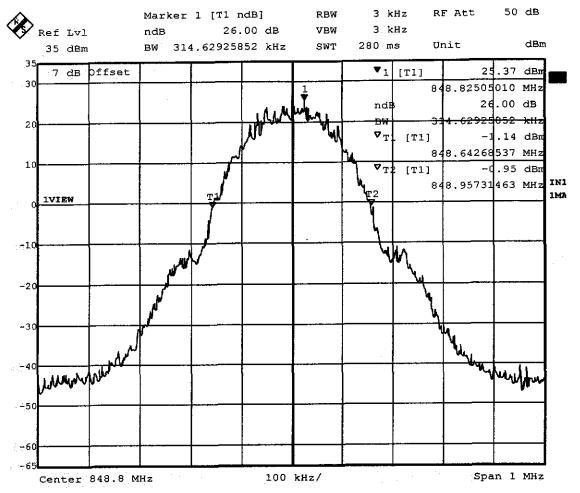
Comment A: Model:Q2426 HW.4.0
Date: 11.APR.2003 09:12:08



Comment A: Model:Q2426 HW.4.0
Date: 11.APR.2003 09:23:17



Comment A: Model:Q2426 HW.4.0 Date: 11.APR.2003 09:18:47

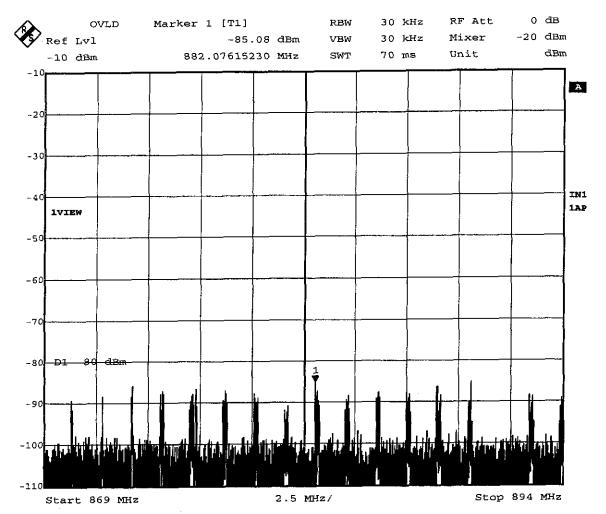


Comment A: Model:Q2426 HW.4.0
Date: 11.APR.2003 09:14:52



Appendix H

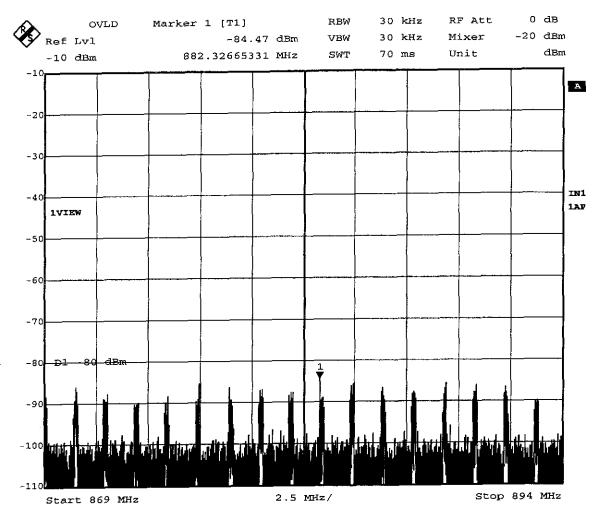
Emissions in Receiver Critical Band



Title:

Channel 128

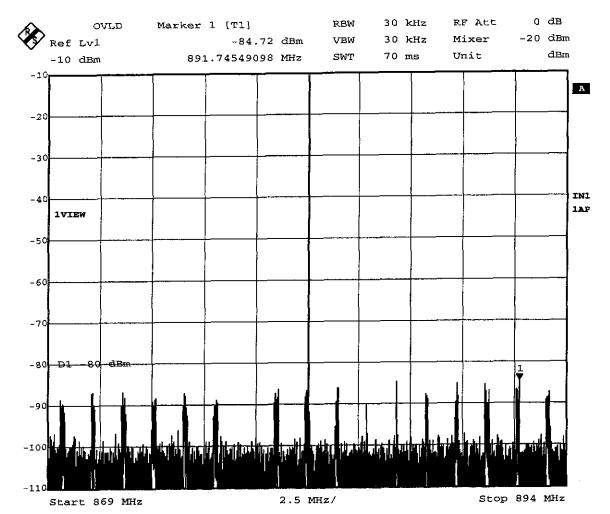
Comment A: Model:Q2426 HW:4.0
Date: 14.APR.2003 08:58:01



Title:

Channel 188

Comment A: Model:Q2426 HW:4.0
Date: 14.APR.2003 08:44:26



Title:

Channel 251

Comment A: Model:Q2426 HW:4.0
Date: 14.APR.2003 09:01:18



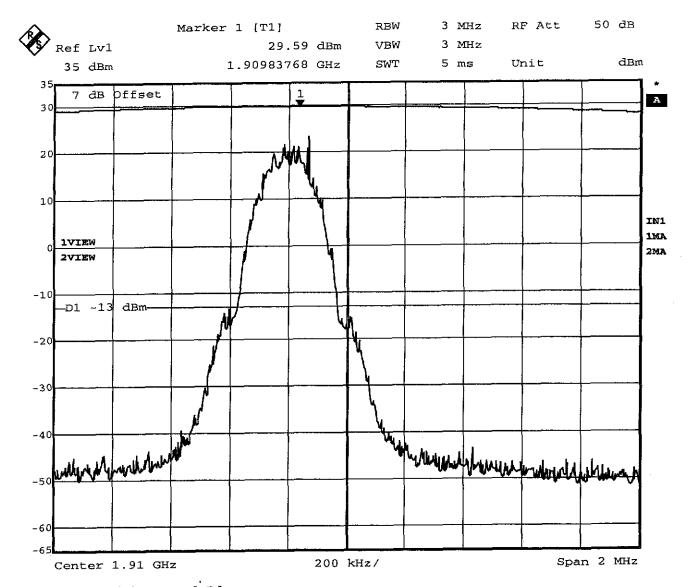
Appendix I

Out of Band Emission at Antenna Terminals Mobile Emissions In Base Frequency Range



Appendix J

Field Strenght of Spurious Radiation



Title: Higher Band Edge

Comment A: Model:Q2426

Date: 9.APR.2003 14:23:16

RF Att 50 dB Marker 1 [T1] 3 kHz RBW 3 kHz Ref Lvl VBW 29.80 dBm ₫Bm Unit 560 ms 35 dBm 1.85017435 GHz SWT 7 dB Offset 20 10 IN1 1MA IVIEW 2MA 2VIEW -10 -D1 −13 dBm--20 -30 Hartman Com author Charles of the foreign of the first wife of -65 Span 2 MHz 200 kHz/ Center 1.85 GHz

Title: Lower Band Edge Comment A: Model:Q2426

Date: 9.APR.2003 14:20:11

EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom

Channel:

512

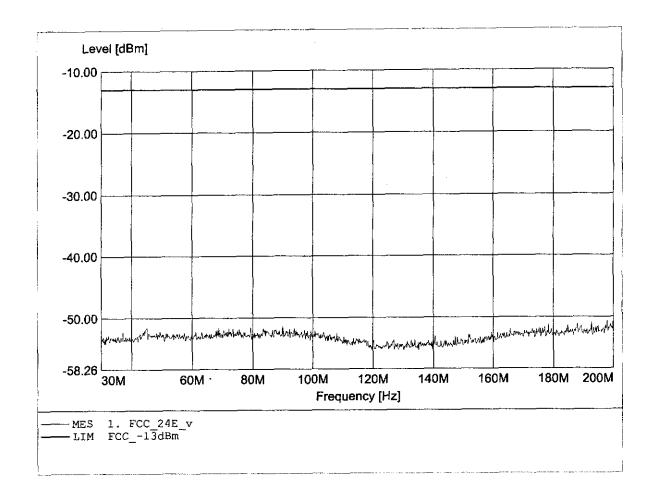
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification: Comment 1:

according to \$24.238

Comment 2:

Dist.: 3m, Ant.: HK 116 Freq: 197.922MHz, Pmax: -50.58dBm, RBW: 1MHz



GSM/GPRS Module Q2426 EUT/Model :

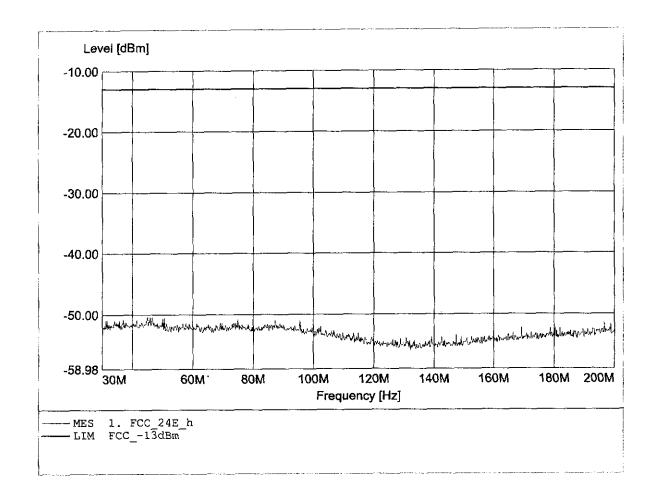
Wavecom Approval Holder: 512

Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$24.238 Test Specification: Dist.: 3m, Ant.: HK 116

Comment 1: Comment 2:

Freq: 45.111MHz, Pmax: -50.17dBm, RBW: 1MHz

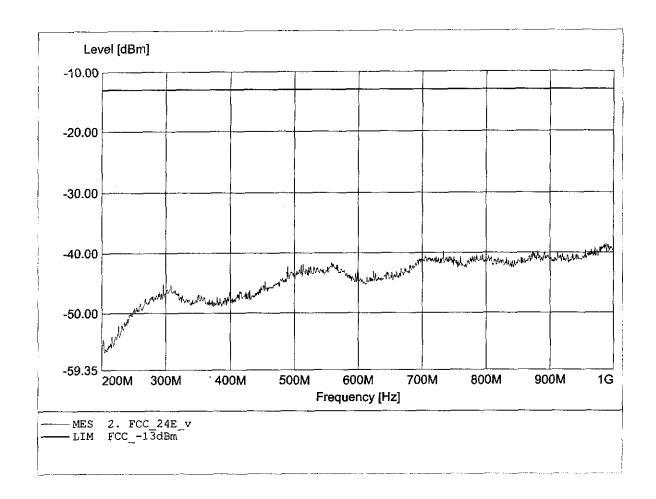


GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom 512 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$24.238 Test Specification: Dist.: 3m, Ant.: HL 223 Comment 1:

Freq: 988.444MHz, Pmax: -38.42dBm, RBW: 1MHz Comment 2:



EUT/Model :

GSM/GPRS Module Q2426

Approval Holder:

Wavecom

Channel:

512

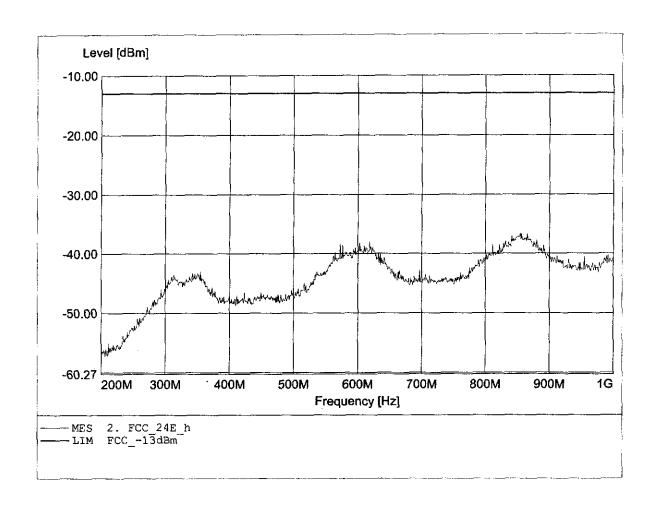
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Comment 1:

Test Specification: according to \$24.238 Dist.: 3m, Ant.: HL 223

Comment 2:

Freq: 855.111MHz, Pmax: -36.56dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module Q2426

Approval Holder:

Wavecom

Channel:

512

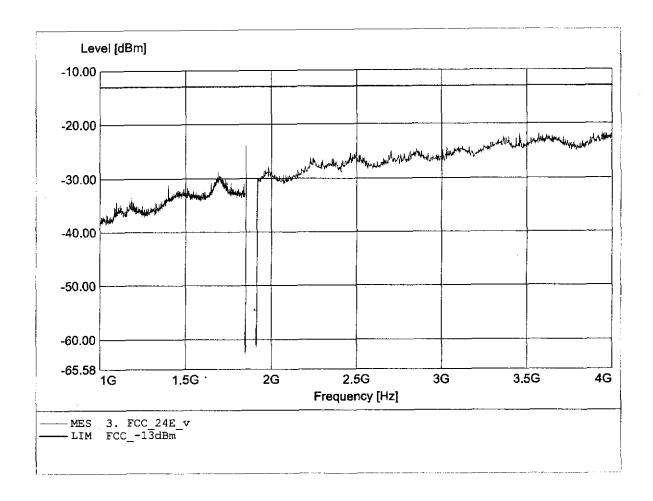
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Comment 1:

Test Specification: according to \$24.238

Comment 2:

Dist.: 3m, Ant.: HL025 Freq: 3.947GHz, Pmax: -21.74dBm, RBW: 1MHz/3kHz



EUT/Model :

GSM/GPRS Module Q2426

Approval Holder:

Wavecom 512

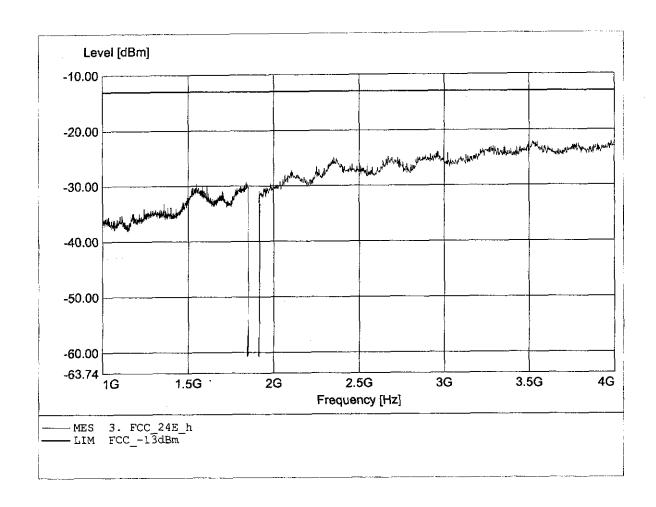
Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification: according to \$24.238 Dist.: 3m, Ant.: HL025

Comment 1: Comment 2:

Freq: 4.000GHz, Pmax: -21.62dBm, RBW: 1MHz/3kHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom

Channel:

512

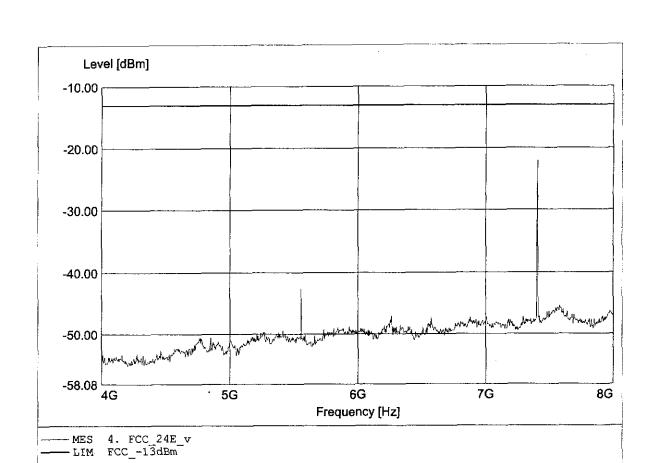
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification: Comment 1:

according to \$24.238 Dist.: 3m, Ant.: HL025, ampl.+HP.

Comment 2:

Freq: 7.404GHz, Pmax: -22.09dBm, RBW: 1MHz



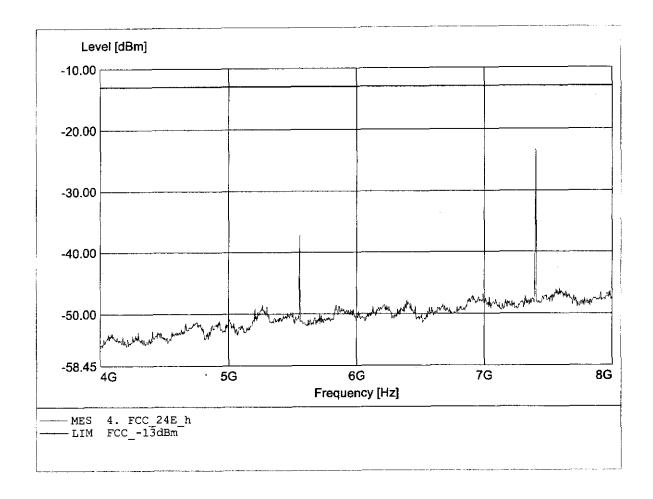
Q2426 GSM/GPRS Module EUT/Model :

Wavecom Approval Holder: Channel: 512

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$24.238 Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 7.404GHz, Pmax: -23.29dBm, RBW: 1MHz Comment 2:



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom

Channel:

512

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC Test Specification:

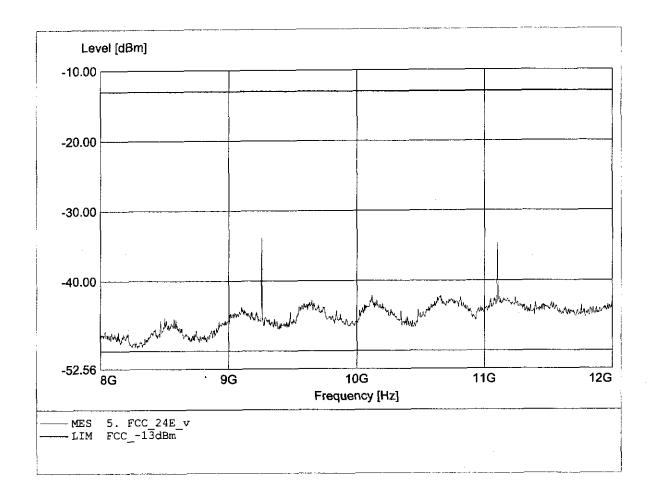
according to \$24.238

Comment 1:

Dist.: 3m, Ant.: HL025, ampl.+HP.

Comment 2:

Freq: 9.253GHz, Pmax: -33.90dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom

Channel:

512

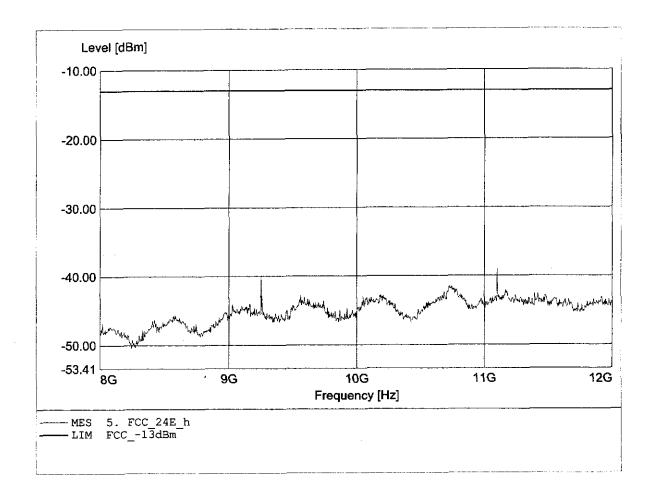
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

Comment 1:

Test Specification: according to \$24.238

Comment 2:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 11.102GHz, Pmax: -39.03dBm, RBW: 1MHz



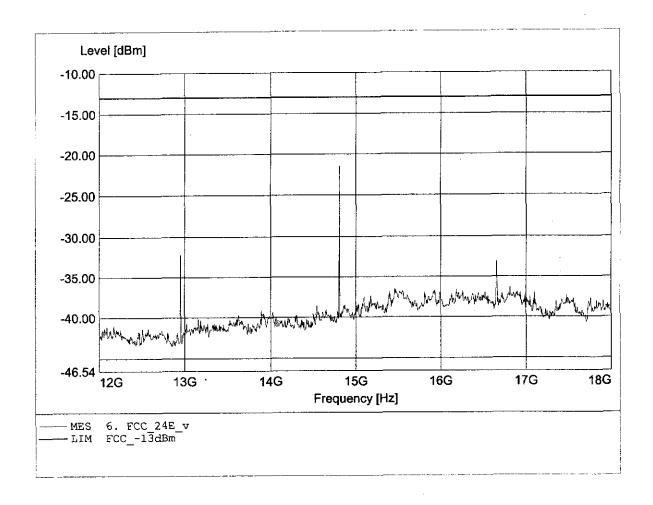
GSM/GPRS Module Q2426 EUT/Model :

Wavecom Approval Holder: 512 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification: according to \$24.238

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 14.807GHz, Pmax: -21.48dBm, RBW: 1MHz Comment 1: Comment 2:



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom

Channel:

512

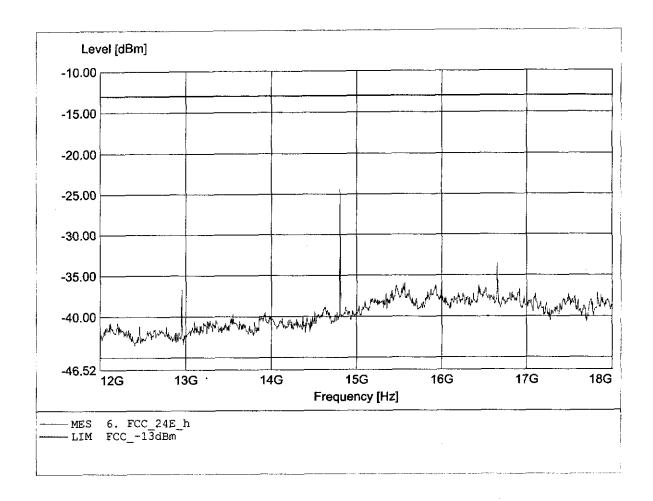
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

Test Specification: according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 14.807GHz, Pmax: -24.33dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom

Channel:

512

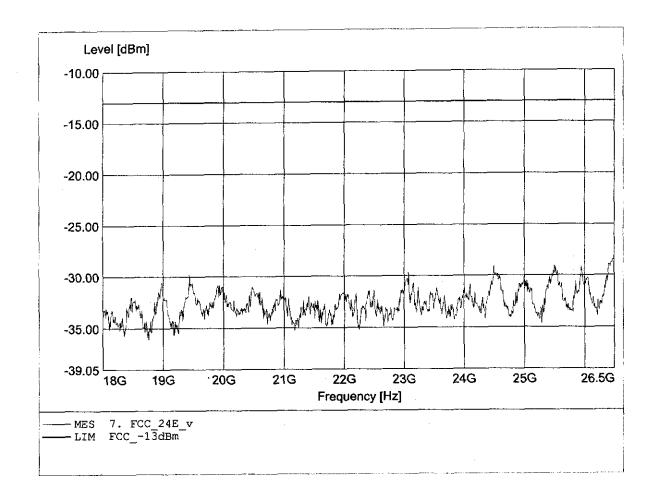
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

Comment 1:

Test Specification: according to \$24.238

Comment 2:

Dist.: 3m, Ant.: HL025, amplif. Freq: 26.500GHz, Pmax: -28.00dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder: Channel:

Wavecom 512

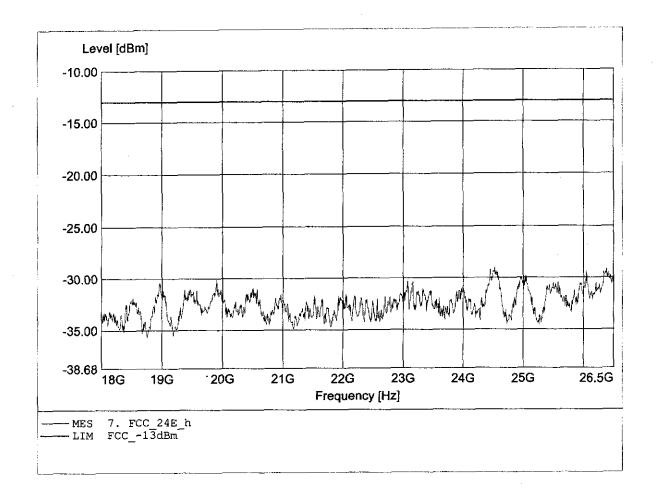
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification:

according to \$24.238

Comment 1: Comment 2:

Dist.: 3m, Ant.: HL025, amplif. Freq: 24.526GHz, Pmax: -28.97dBm, RBW: 1MHz

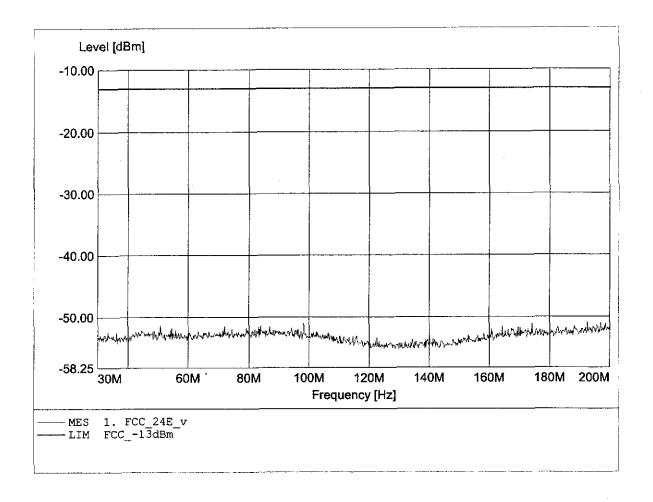


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 661

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$24.238
Comment 1: Dist.: 3m, Ant.: HK 116

Comment 2: Freq: 192.444MHz, Pmax: -50.87dBm, RBW: 1MHz



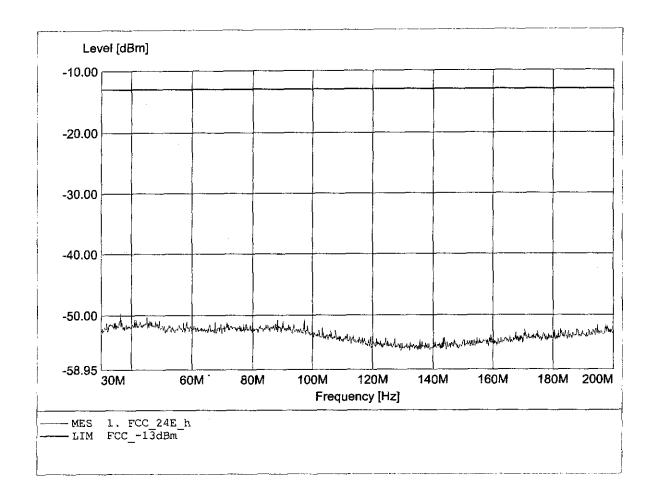
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom 661 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC Test Specification: according to \$24.238

Comment 1:

Dist.: 3m, Ant.: HK 116 Freq: 36.422MHz, Pmax: -49.58dBm, RBW: 1MHz Comment 2:

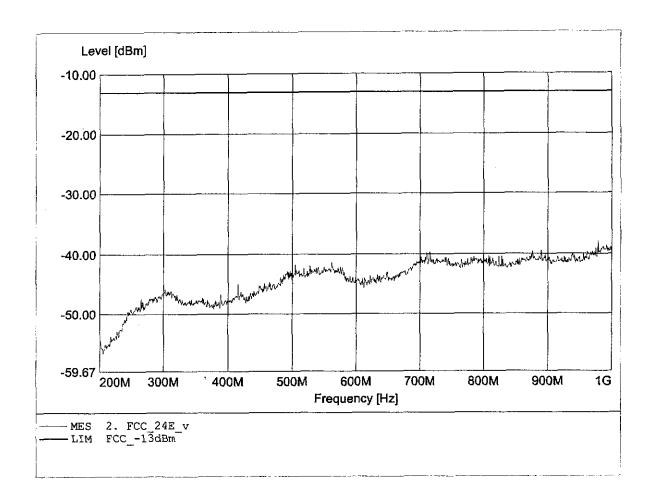


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 661

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$24.238
Comment 1: Dist.: 3m, Ant.: HL 223

Comment 2: Freq: 978.667MHz, Pmax: -37.88dBm, RBW: 1MHz

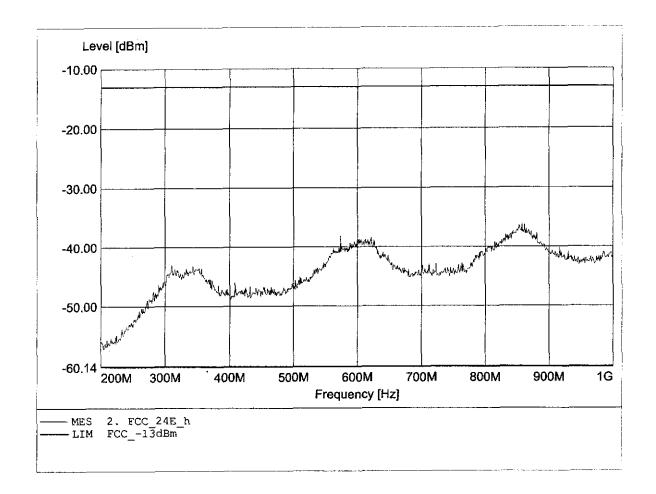


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 661

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$24.238
Comment 1: Dist: 3m Ant: HL 223

Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 857.778MHz, Pmax: -36.07dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module Q2426

Approval Holder:

Wavecom 661

Channel:

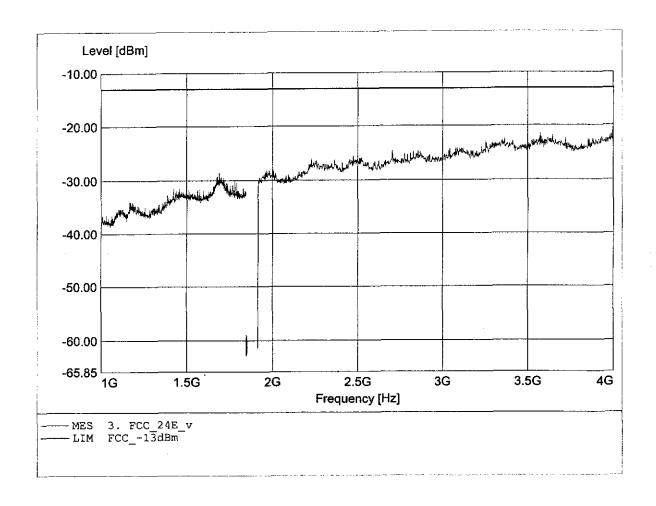
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

Test Specification: Comment 1:

according to \$24.238

Comment 2:

Dist.: 3m, Ant.: HL025 Freq: 3.995GHz, Pmax: -20.41dBm, RBW: 1MHz/3kHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 661

Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification:

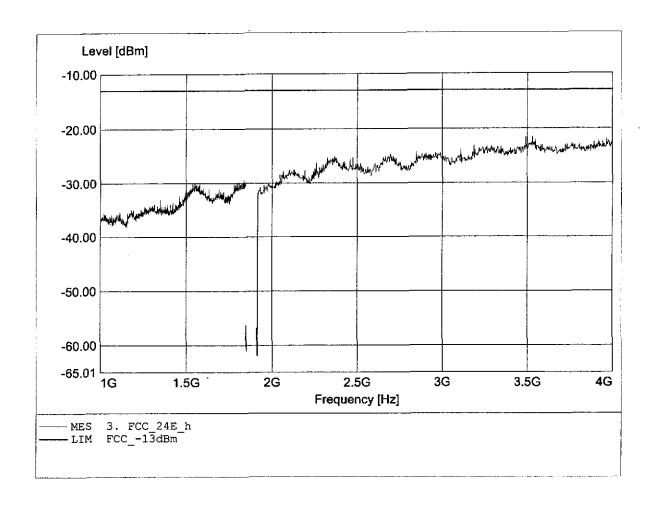
according to \$24.238

Comment 1:

Dist.: 3m, Ant.: HL025

Comment 2:

Freq: 3.530GHz, Pmax: -21.45dBm, RBW: 1MHz/3kHz



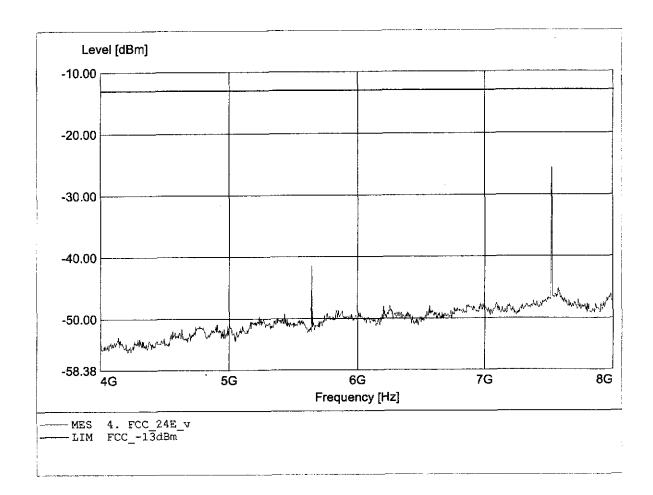
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom Channel: 661

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification:

Comment 1:

according to \$24.238
Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.520GHz, Pmax: -25.59dBm, RBW: 1MHz Comment 2:



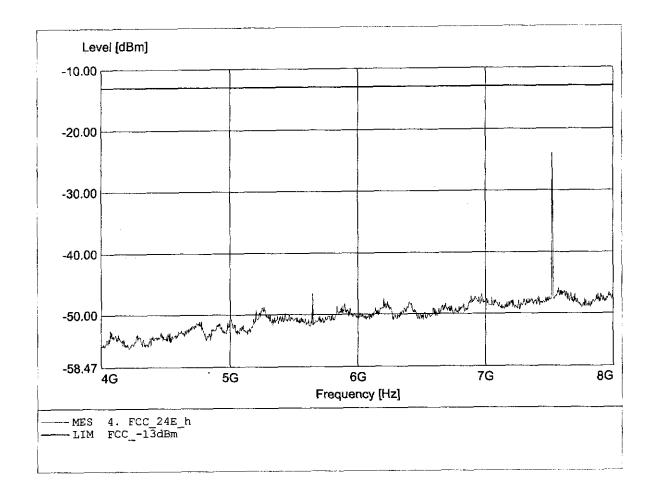
GSM/GPRS Module Q2426 EUT/Model :

Wavecom Approval Holder: 661 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC Test Specification:

Comment 1:

according to \$24.238
Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.520GHz, Pmax: -23.94dBm, RBW: 1MHz Comment 2:



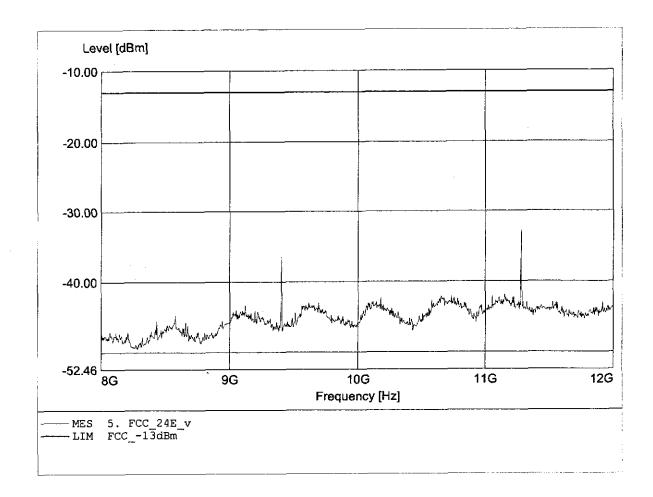
GSM/GPRS Module Q2426 EUT/Model :

Wavecom Approval Holder: Channel: 661

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$24.238 Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 11.280GHz, Pmax: -32.82dBm, RBW: 1MHz Comment 2:



EUT/Model: GSM/GPRS Module Q2426

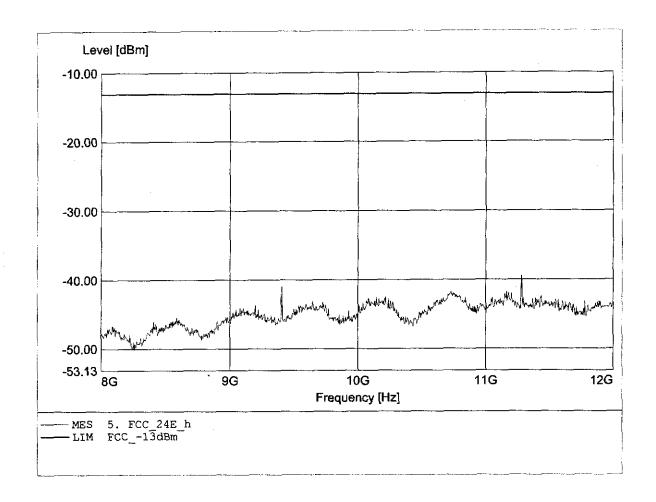
Approval Holder: Wavecom Channel: 661

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$24.238

Test Specification: according to \$24.238

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Comment 2: Freq: 11.280GHz, Pmax: -39.37dBm, RBW: 1MHz



EUT/Model: GSM/GPRS Module Q2426

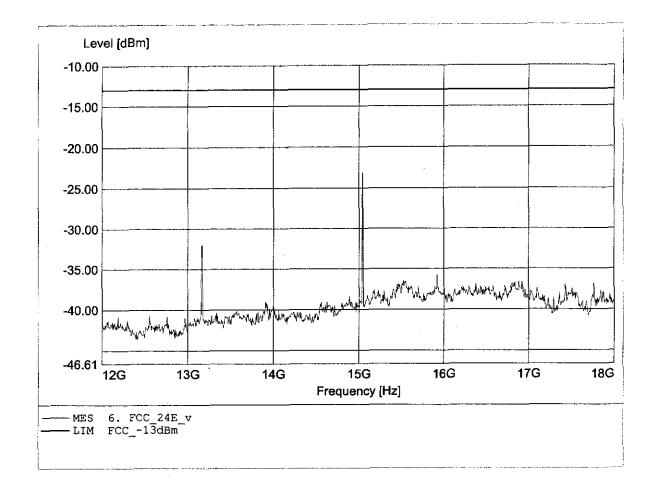
Approval Holder: Wavecom Channel: 661

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$24.238

Test Specification: according to \$24.238

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Comment 2: Freq: 15.040GHz, Pmax: -23.08dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 661

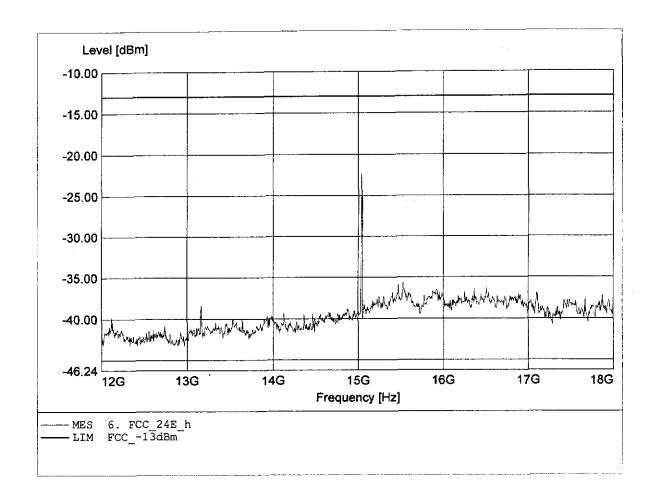
Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.4 VDC

Test Specification:

Comment 1: Comment 2:

according to \$24.238
Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 15.040GHz, Pmax: -22.24dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 661

Channel:

Test Specification:

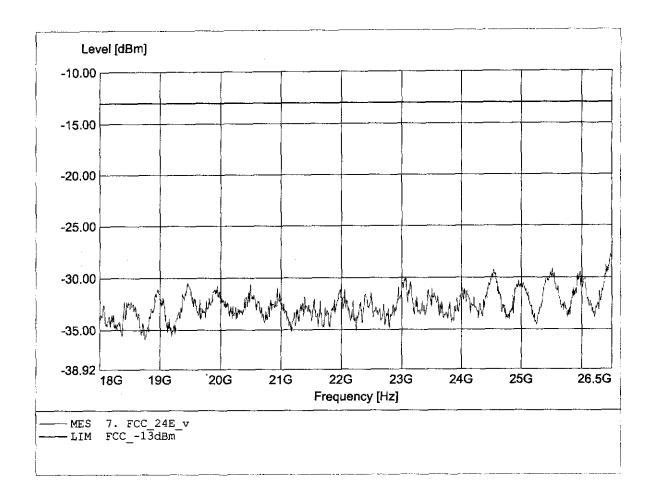
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

Comment 1:

according to \$24.238
Dist.: 3m, Ant.: HL025, amplif.

Comment 2:

Freq: 26.481GHz, Pmax: -27.75dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module Q2426

Approval Holder:

Wavecom

Channel:

661

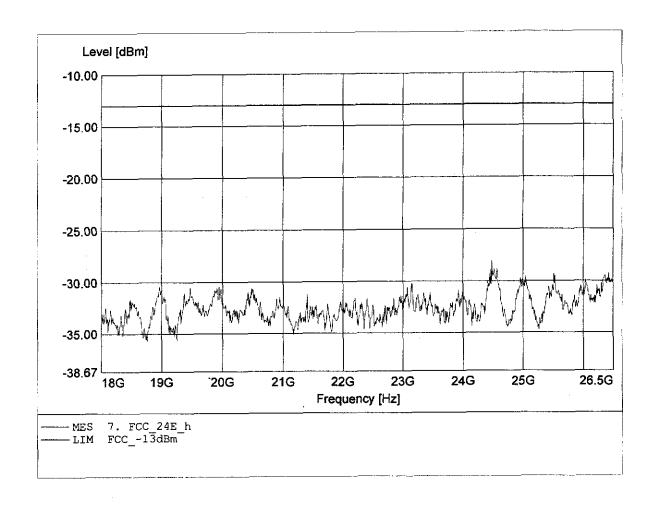
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.0 VDC

Test Specification: according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL025, amplif. Freq: 24.479GHz, Pmax: -28.03dBm, RBW: 1MHz



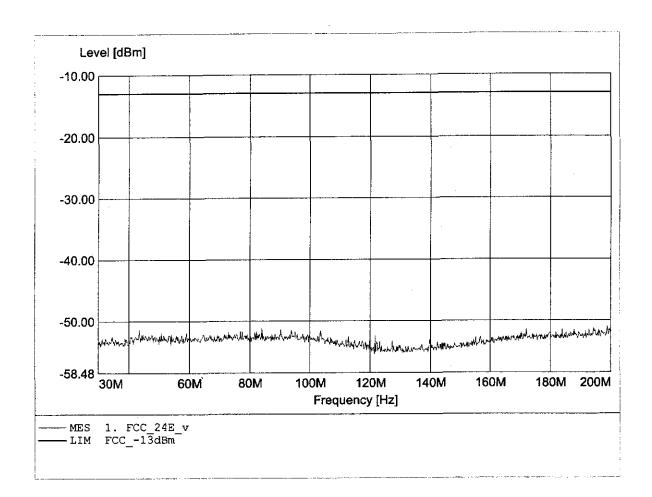
GSM/GPRS Module Q2426 EUT/Model :

Wavecom Approval Holder: Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC according to \$24.238 Dist.: 3m, Ant.: HK 116 Test Specification:

Comment 1:

Freq: 198.867MHz, Pmax: -50.95dBm, RBW: 1MHz Comment 2:



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom

Channel:

810

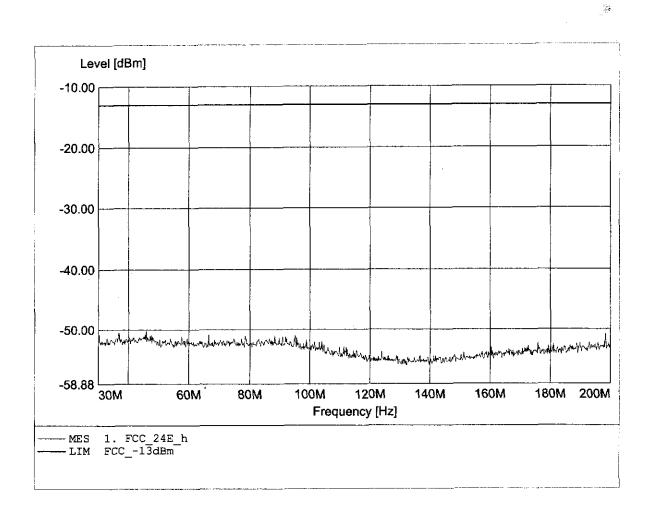
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

Test Specification: Comment 1:

according to \$24.238 Dist.: 3m, Ant.: HK 116

Comment 2:

Freq: 45.867MHz, Pmax: -50.24dBm, RBW: 1MHz

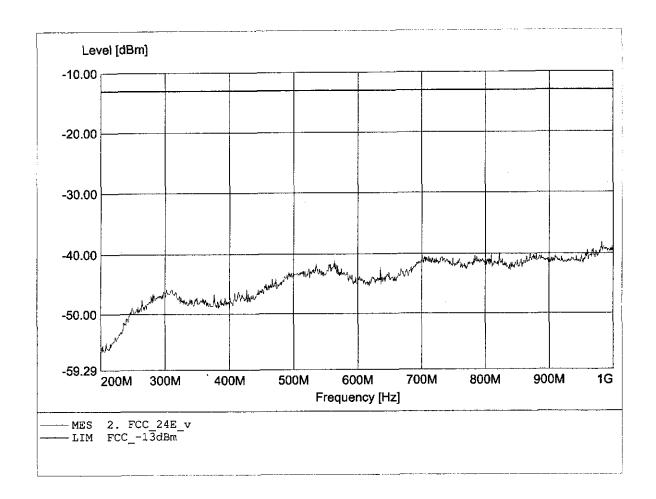


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$24.238
Comment 1: Dist.: 3m, Ant.: HL 223

Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 982.222MHz, Pmax: -38.12dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module Q2426

Approval Holder:

Wavecom 810

Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC Test Specification:

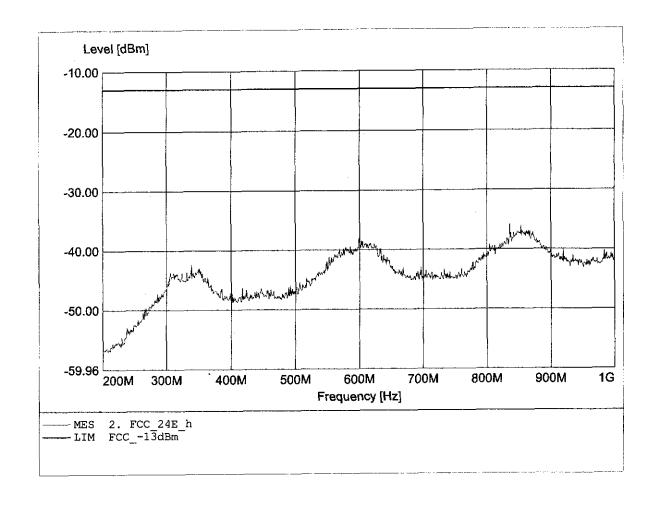
according to \$24.238

Comment 1:

Dist.: 3m, Ant.: HL 223

Comment 2:

Freq: 835.556MHz, Pmax: -35.85dBm, RBW: 1MHz



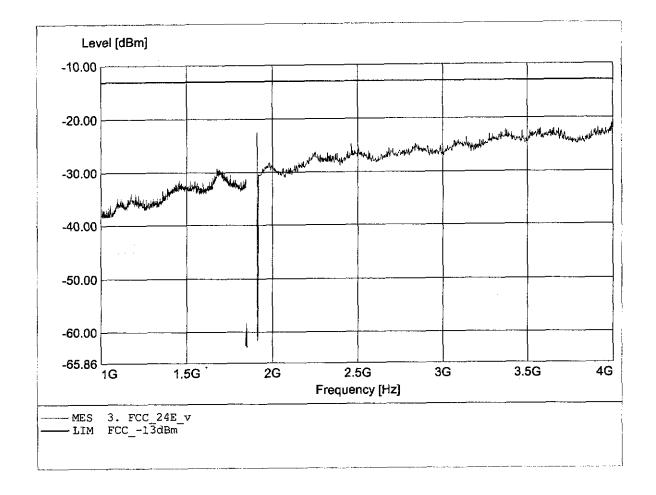
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom 810 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$24.238 Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL025 Freq: 3.993GHz, Pmax: -20.98dBm, RBW: 1MHz/3kHz Comment 2:



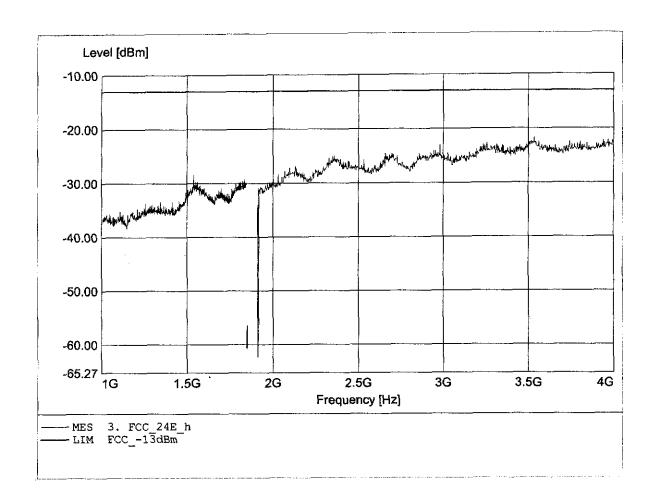
EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$24.238
Comment 1: Dist.: 3m, Ant.: HL025

Comment 1: Comment 2:

Freq: 3.534GHz, Pmax: -21.55dBm, RBW: 1MHz/3kHz



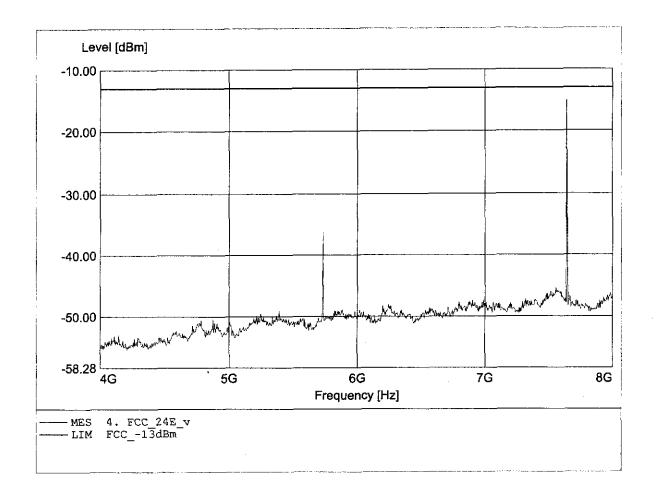
EUT/Model : GSM/GPRS Module Q2426

Wavecom Approval Holder: Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC Test Specification:

Comment 1:

according to \$24.238
Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.640GHz, Pmax: -15.10dBm, RBW: 1MHz Comment 2:



EUT/Model: GSM/GPRS Module Q2426

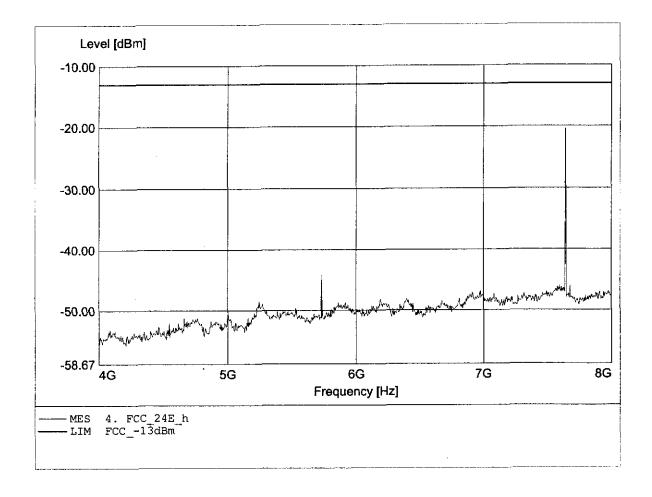
Approval Holder: Wavecom Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$24.238

Test Specification: according to \$24.238

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Comment 2: Freq: 7.640GHz, Pmax: -20.44dBm, RBW: 1MHz



EUT/Model: GSM/GPRS Module Q2426

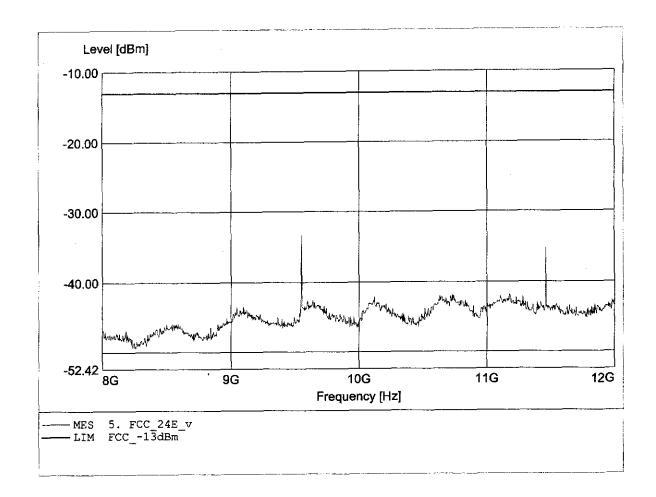
Approval Holder: Wavecom Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$24.238

Test Specification: according to \$24.238

Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Comment 2: Freq: 9.551GHz, Pmax: -33.32dBm, RBW: 1MHz



GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom 810 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

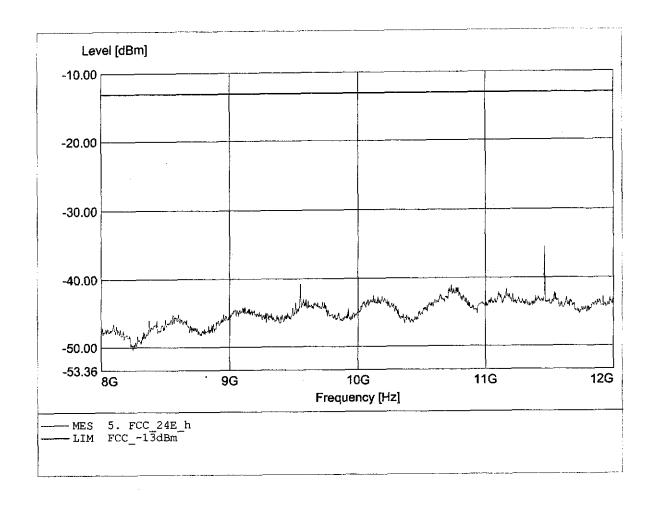
Test Specification:

according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 11.462GHz, Pmax: -35.42dBm, RBW: 1MHz



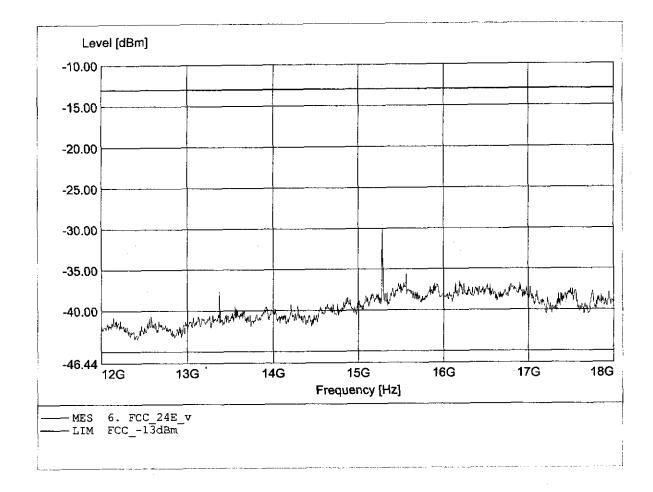
EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$24.238

Test Specification: according to \$24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Comment 2: Freq: 15.280GHz, Pmax: -29.50dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module Q2426

Approval Holder:

Wavecom 810

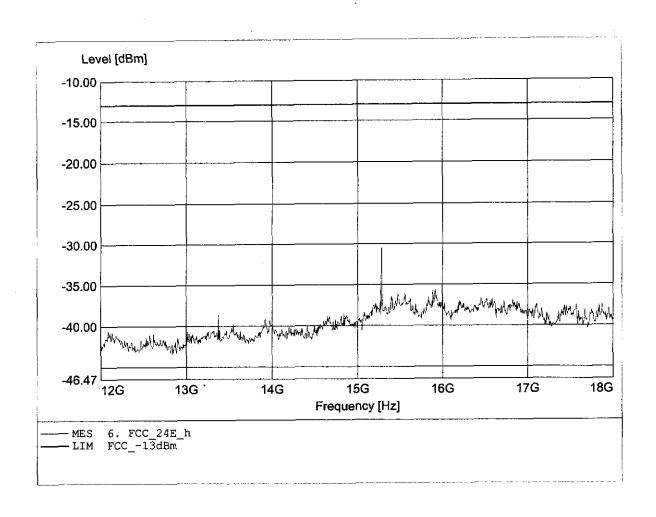
Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$24.238

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 15.280GHz, Pmax: -30.49dBm, RBW: 1MHz



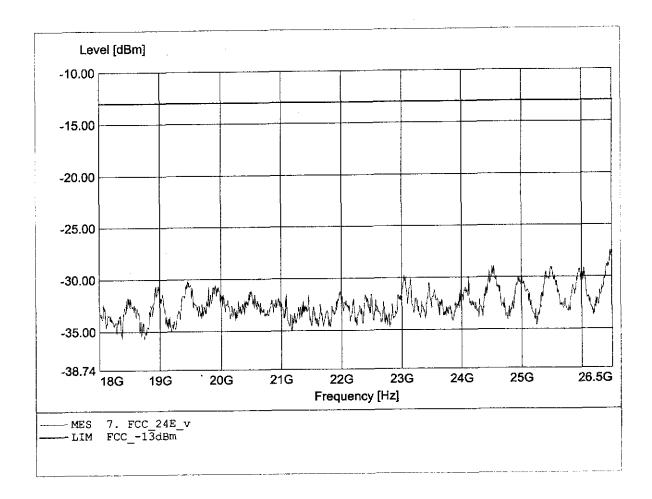
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom Channel: 810

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$24.238 Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL025, amplif. Freq: 26.500GHz, Pmax: -27.21dBm, RBW: 1MHz Comment 2:



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom

Channel:

810

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

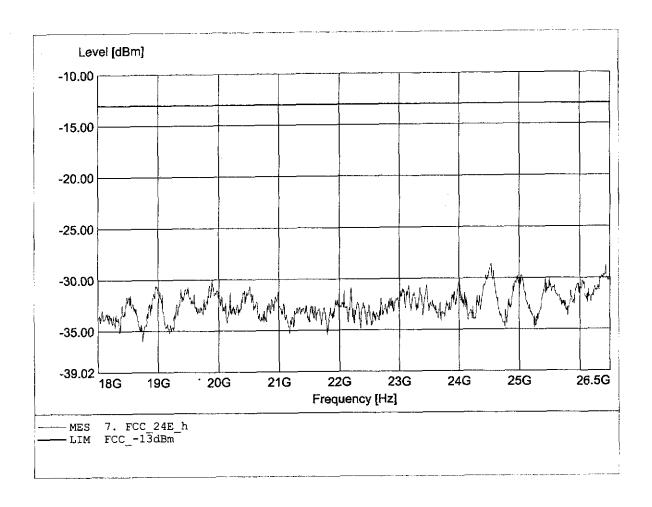
Test Specification:

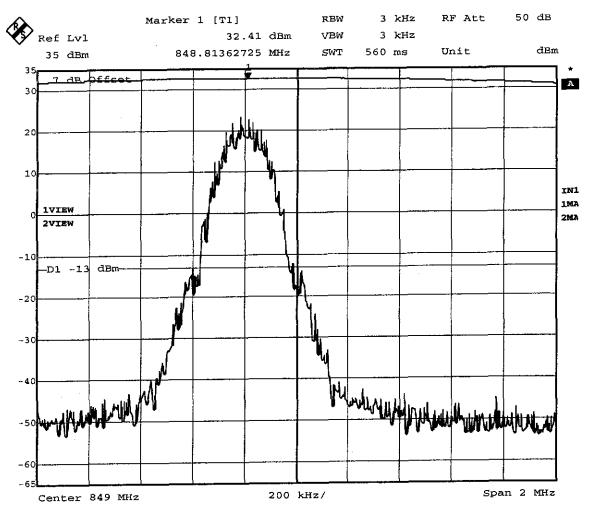
according to \$24.238

Comment 1:

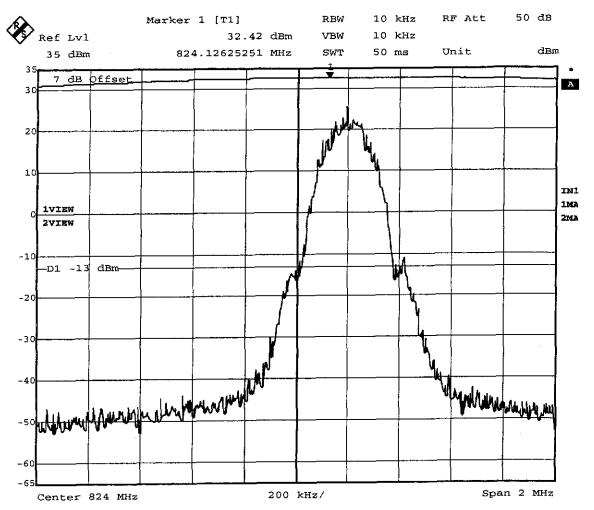
Comment 2:

Dist.: 3m, Ant.: HL025, amplif. Freq: 24.536GHz, Pmax: -28.59dBm, RBW: 1MHz





Title: Higher Band Edge
Comment A: Model:Q2426 HW:4.0
Date: 14.APR.2003 08:35:10



Title: Lower Band Edge
Comment A: Model:Q2426 HW:4.0
Date: 14.APR.2003 08:30:34

EUT/Model :

GSM/GPRS Module Q2426

Approval Holder:

Wavecom

Channel:

128

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

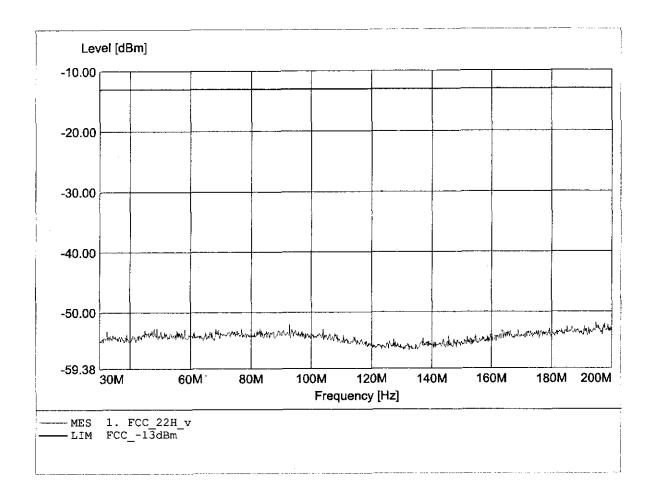
according to \$22.917

Test Specification: Comment 1:

Dist.: 3m, Ant.: HK 116

Comment 2:

Freq: 194.711MHz, Pmax: -51.75dBm, RBW: 1MHz

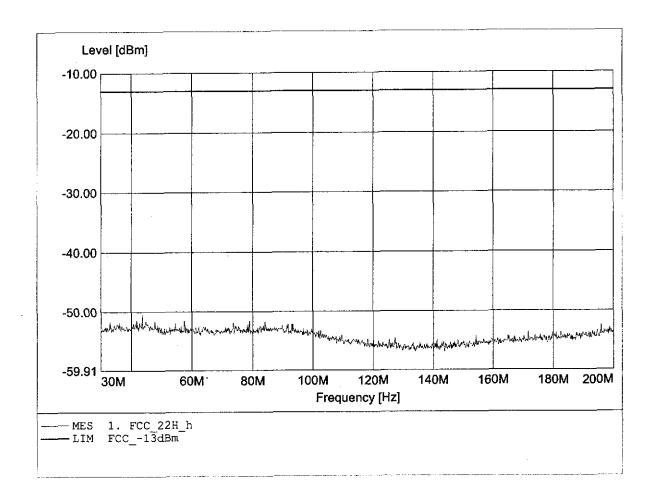


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 128

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$22.917
Comment 1: Dist.: 3m, Ant.: HK 116

Comment 2: Freq: 43.600MHz, Pmax: -50.42dBm, RBW: 1MHz



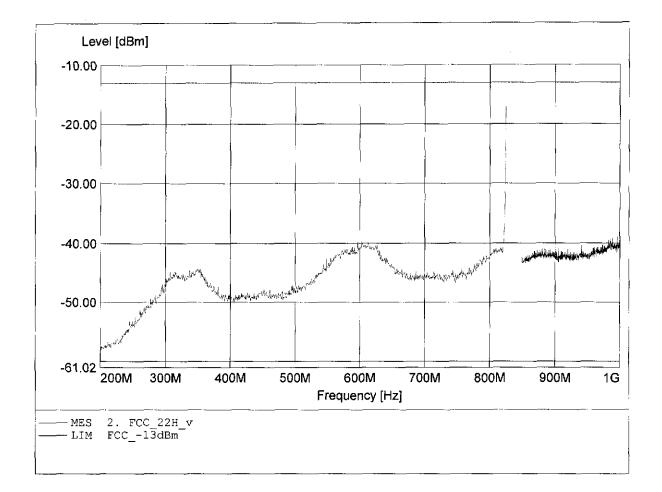
Q2426 EUT/Model : GSM/GPRS Module

Approval Holder: Wavecom Channel: 128

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification:

Comment 1:

according to \$22.917
Dist.: 3m, Ant.: HL 223+notch
Freq: 824.000MHz, Pmax: -17.08dBm, RBW: 1MHz Comment 2:

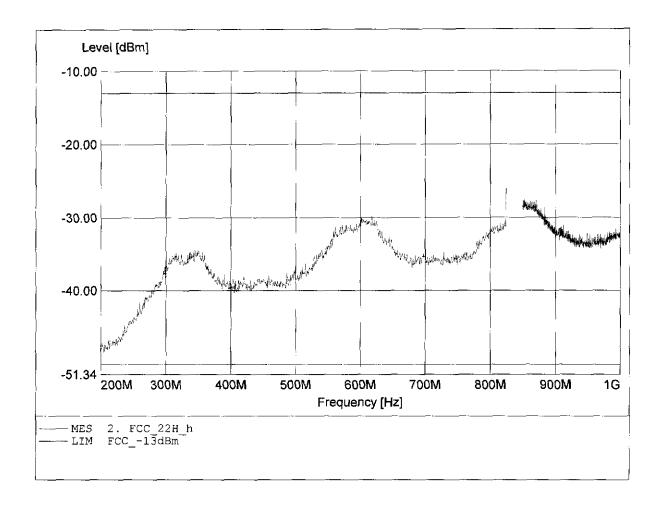


GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom Channel: 128

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch

Freq: 824.000MHz, Pmax: -25.98dBm, RBW: 1MHz Comment 2:



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder: Channel:

Wavecom 128

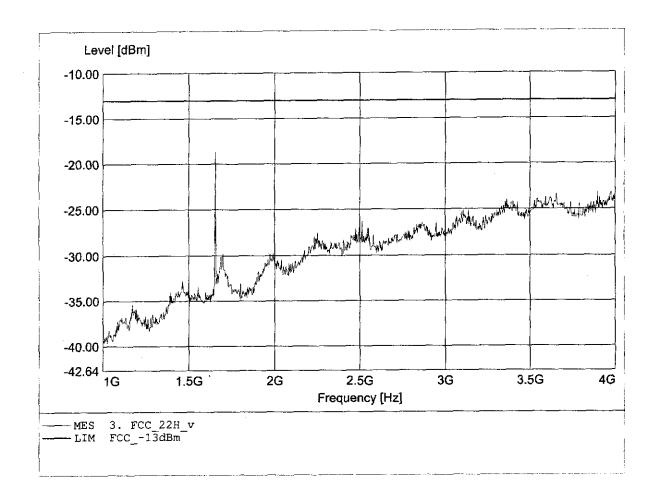
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification: Comment 1:

according to \$22.917 Dist.: 3m, Ant.: HL025

Comment 2:

Freq: 1.653GHz, Pmax: -18.68dBm, RBW: 1MHz

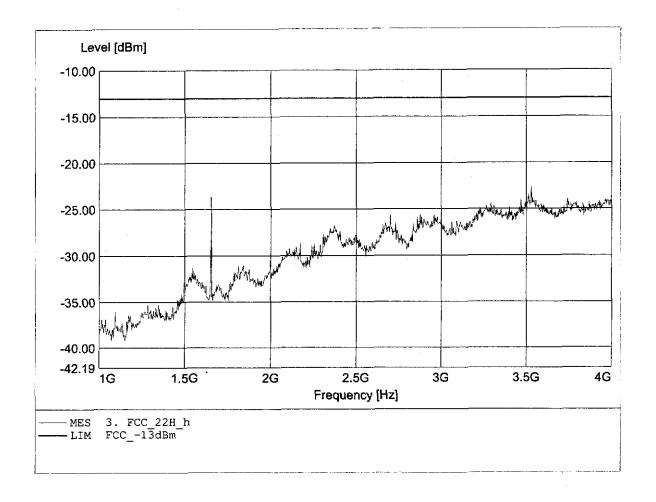


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 128

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$22.917
Comment 1: Dist.: 3m, Ant.: HL025

Comment 2: Freq: 3.530GHz, Pmax: -22.62dBm, RBW: 1MHz



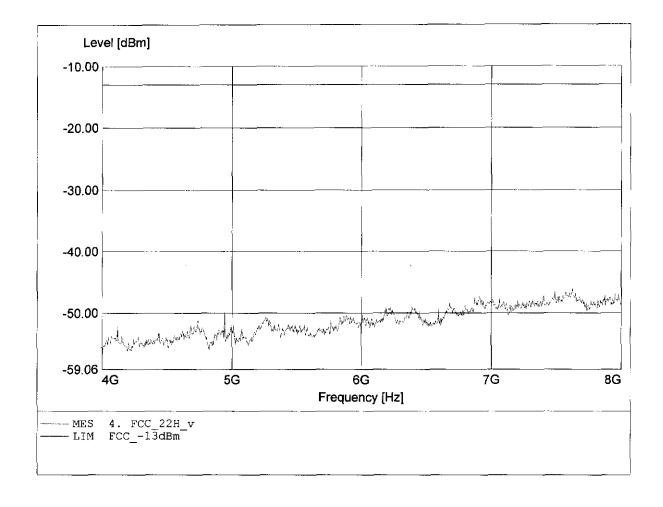
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom Channel: 128

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification:

Comment 1:

according to \$22.917 Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 7.622GHz, Pmax: -46.10dBm, RBW: 1MHz Comment 2:



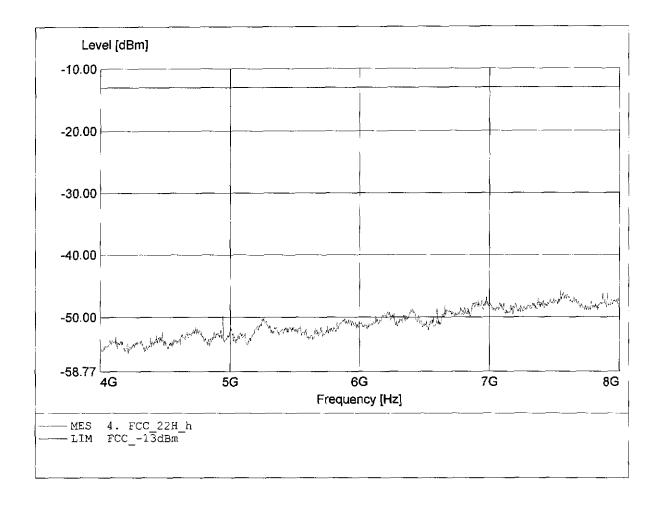
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom 128 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification:

Comment 1:

according to \$22.917 Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 7.547GHz, Pmax: -45.78dBm, RBW: 1MHz Comment 2:



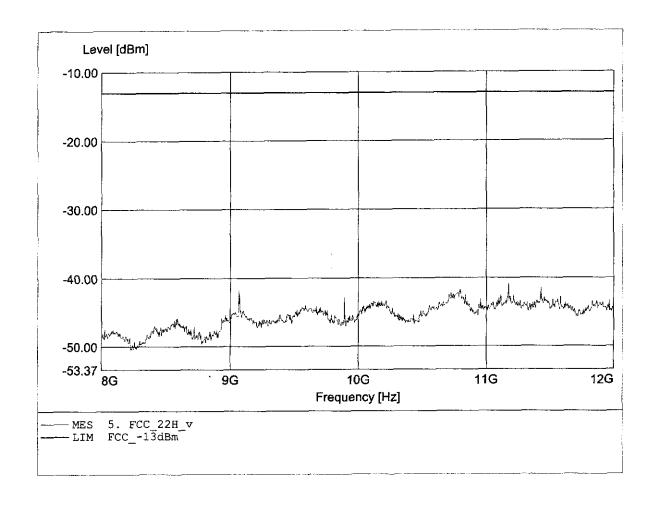
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom 128 Channel:

Test Site / Operator: ETS /MR, F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC according to \$22.917 Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 11.173GHz, Pmax: -40.84dBm, RBW: 1MHz Comment 2:



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 128

Channel:

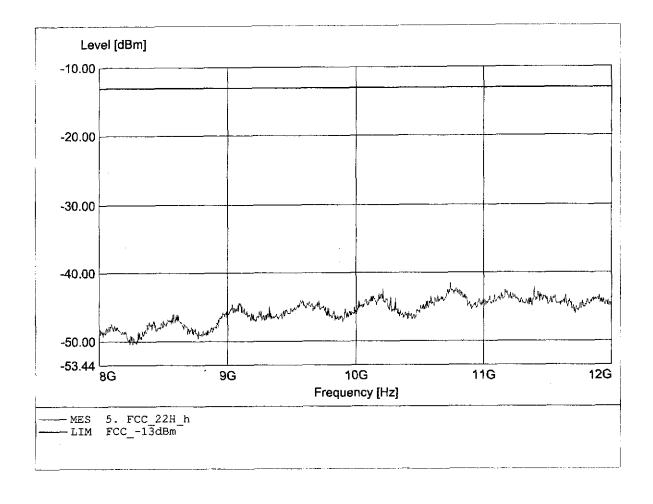
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification:

Comment 1:

Comment 2:

according to \$22.917
Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 10.742GHz, Pmax: -41.55dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 188

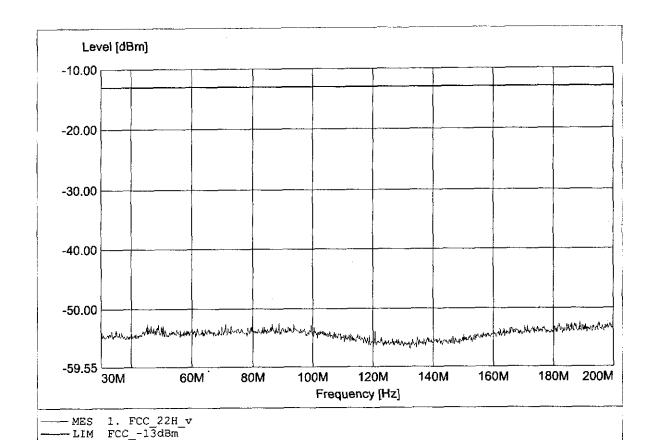
Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

Test Specification: according to \$22.917 Dist.: 3m, Ant.: HK 116

Comment 1: Comment 2:

Freq: 188.856MHz, Pmax: -52.28dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 188

Channel:

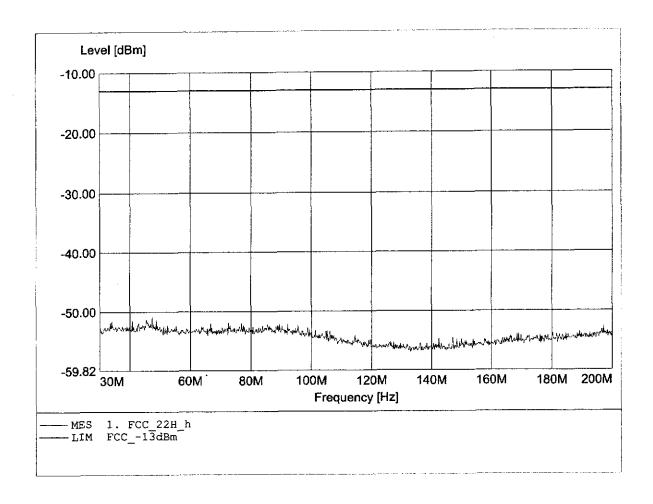
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC Test Specification:

according to \$22.917 Dist.: 3m, Ant.: HK 116

Comment 1:

Comment 2:

Freq: 47.378MHz, Pmax: -50.84dBm, RBW: 1MHz

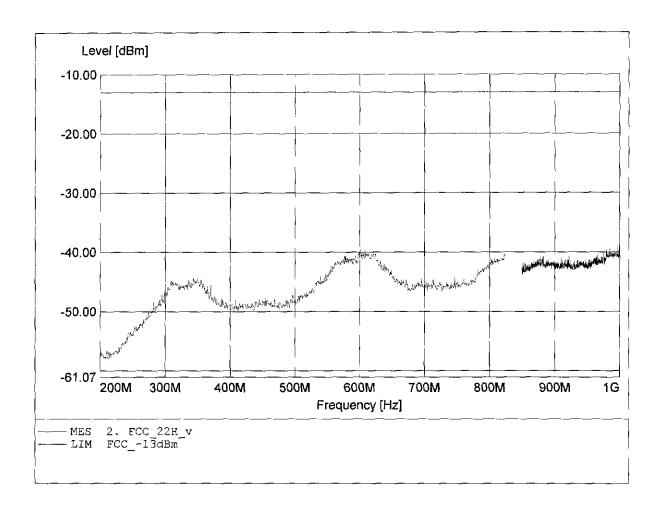


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 188

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$22.917
Comment 1: Dist.: 3m, Ant.: HL 223

Comment 2: Freq: 996.644MHz, Pmax: -39.10dBm, RBW: 1MHz

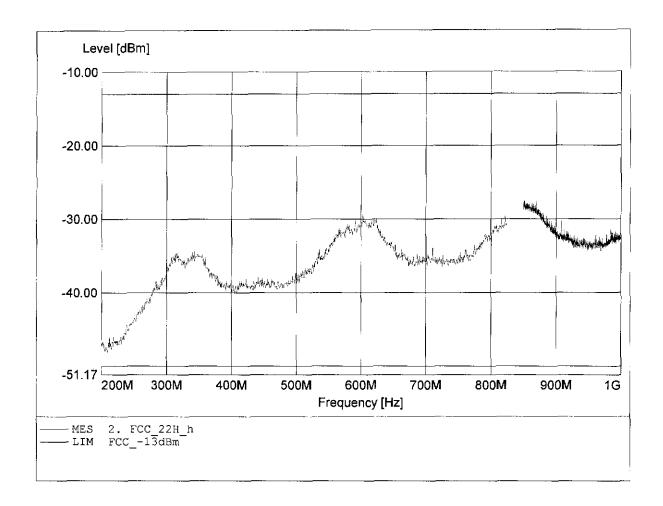


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 188

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$22.917
Comment 1: Dist.: 3m, Ant.: HL 223

Comment 2: Freq: 850.510MHz, Pmax: -27.49dBm, RBW: 1MHz

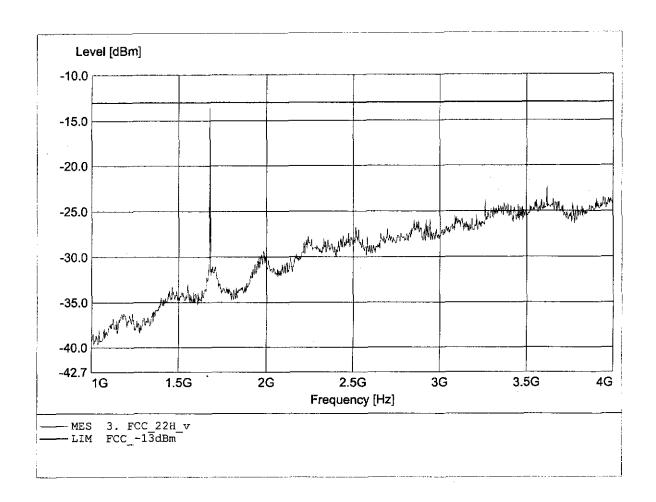


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 188

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$22.917
Comment 1: Dist.: 3m, Ant.: HL025

Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.677GHz, Pmax: -13.55dBm, RBW: 1MHz

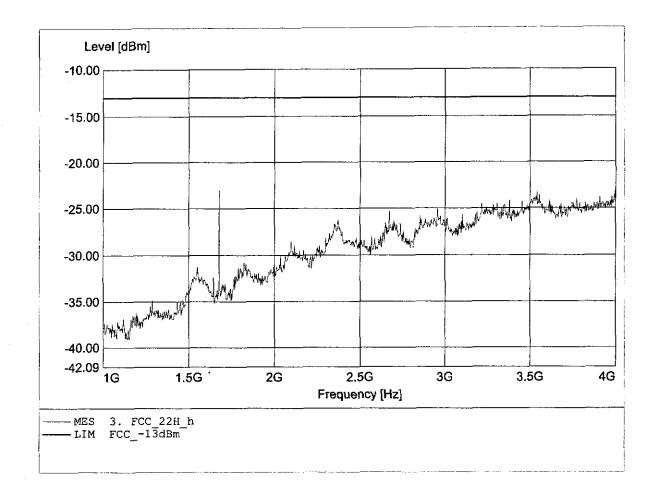


EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 188

Test Site / Operator: ETS /MR. F. SCHULZ
Temperature/ Voltage: 23°C / Unom.: 3.7 VDC
Test Specification: according to \$22.917
Comment 1: Dist.: 3m, Ant.: HL025

Comment 2: Freq: 1.677GHz, Pmax: -23.05dBm, RBW: 1MHz



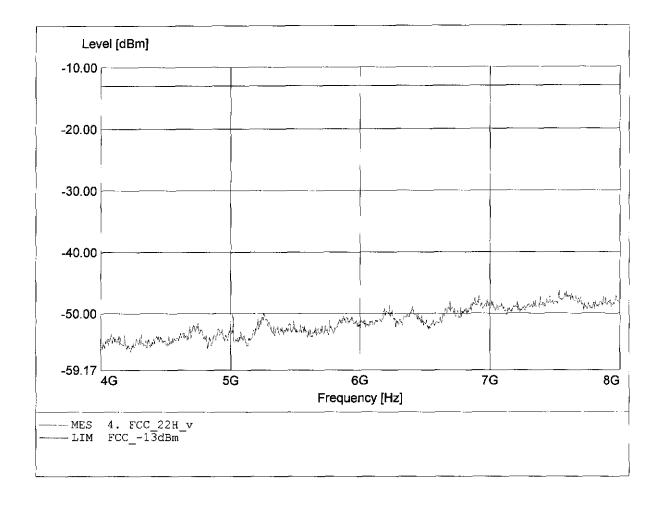
Q2426 GSM/GPRS Module EUT/Model :

Approval Holder: Wavecom Channel: 188

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification:

Comment 1:

according to \$22.917
Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.529GHz, Pmax: -45.95dBm, RBW: 1MHz Comment 2:

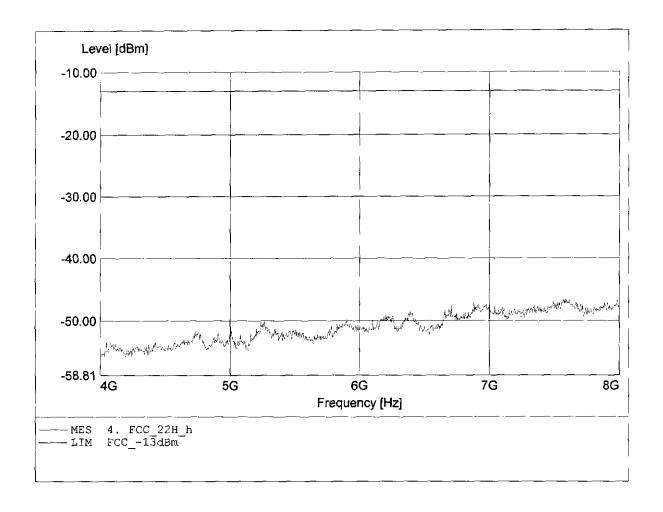


Q2426 GSM/GPRS Module EUT/Model :

Approval Holder: Wavecom 188 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.

Freq: 7.569GHz, Pmax: -46.54dBm, RBW: 1MHz Comment 2:



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 188

Channel:

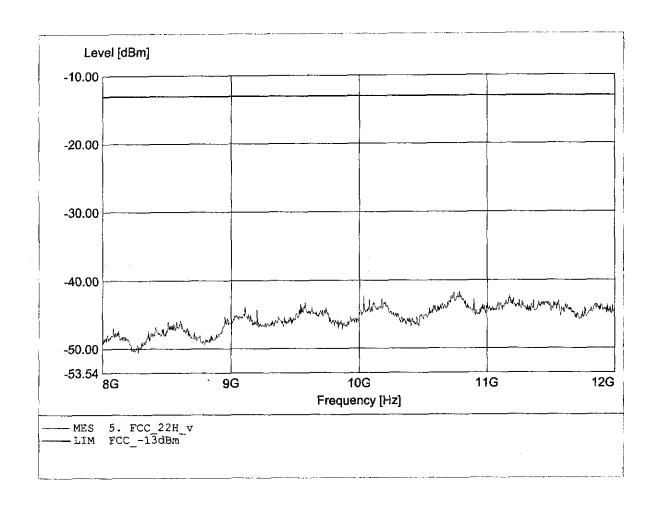
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification: Comment 1:

according to \$22.917

Comment 2:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 10.787GHz, Pmax: -41.68dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 188

Channel:

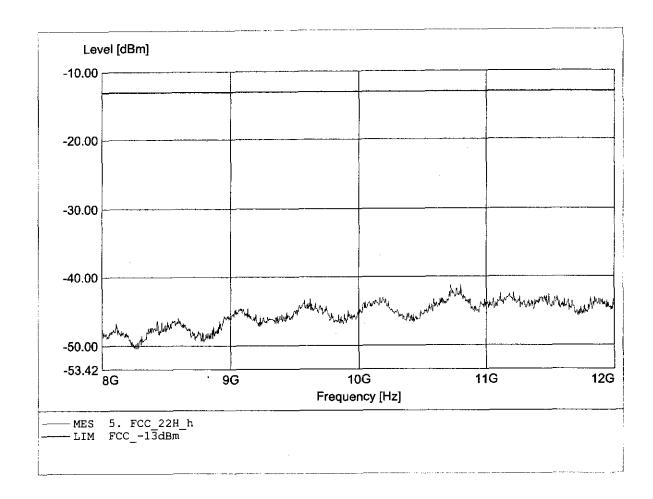
Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

Test Specification:

according to \$22.917

Comment 1: Comment 2:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 10.800GHz, Pmax: -41.18dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom 251

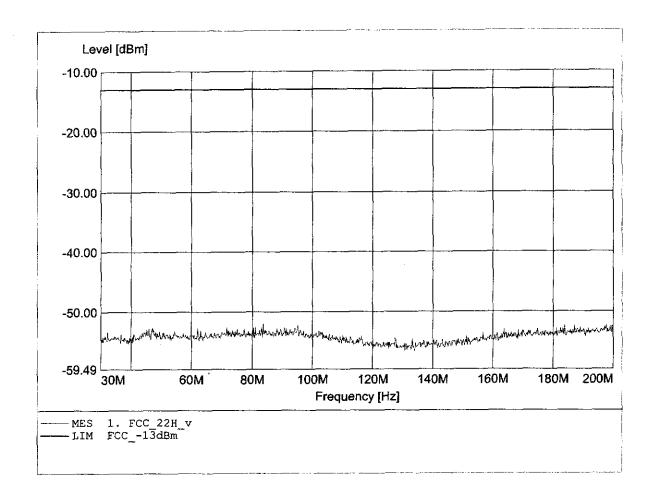
Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC

Test Specification: according to \$22.917

Comment 1: Comment 2:

Dist.: 3m, Ant.: HK 116 Freq: 83.644MHz, Pmax: -51.98dBm, RBW: 1MHz



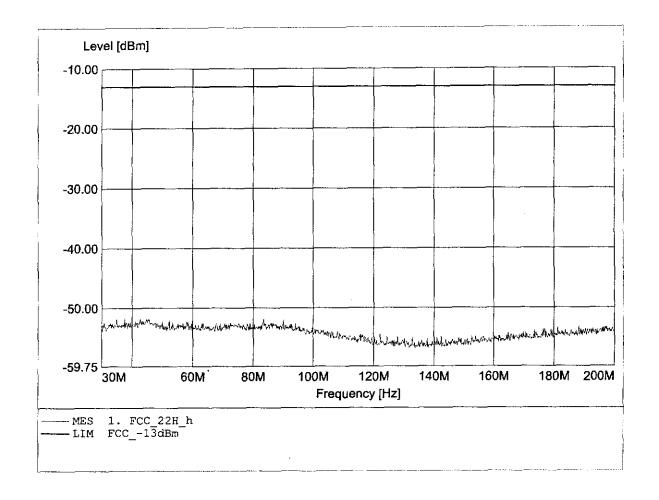
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom Channel: 251

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$22.917 Test Specification:

Comment 1: Comment 2: Dist.: 3m, Ant.: HK 116

Freq: 37.556MHz, Pmax: -51.56dBm, RBW: 1MHz



EUT/Model :

GSM/GPRS Module

Q2426

Approval Holder:

Wavecom

Channel:

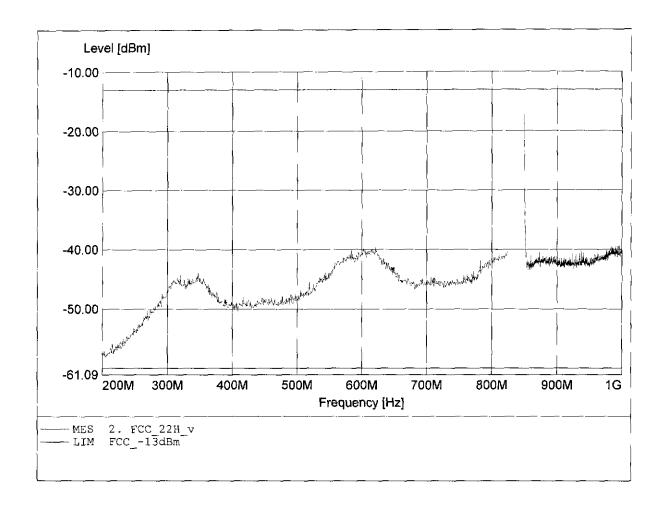
251

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification:

Comment 1:

Comment 2:

according to \$22.917
Dist.: 3m, Ant.: HL 223+notch
Freq: 849.000MHz, Pmax: -15.89dBm, RBW: 1MHz



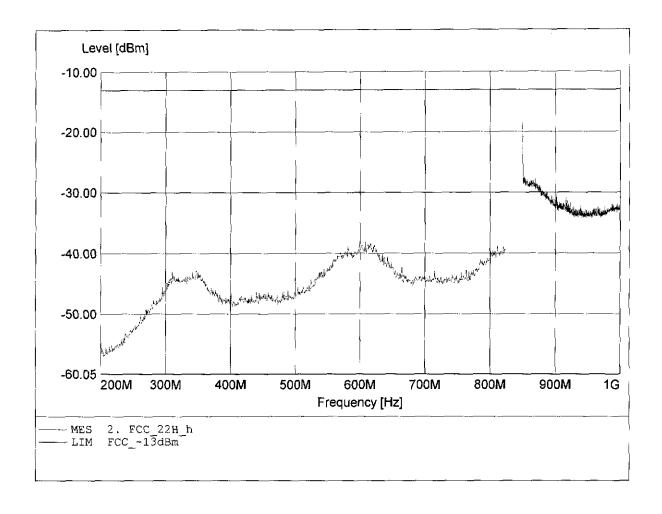
EUT/Model: GSM/GPRS Module Q2426

Approval Holder: Wavecom Channel: 251

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$22.917

Test Specification: according to \$22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch

Comment 2: Freq: 849.000MHz, Pmax: -18.43dBm, RBW: 1MHz



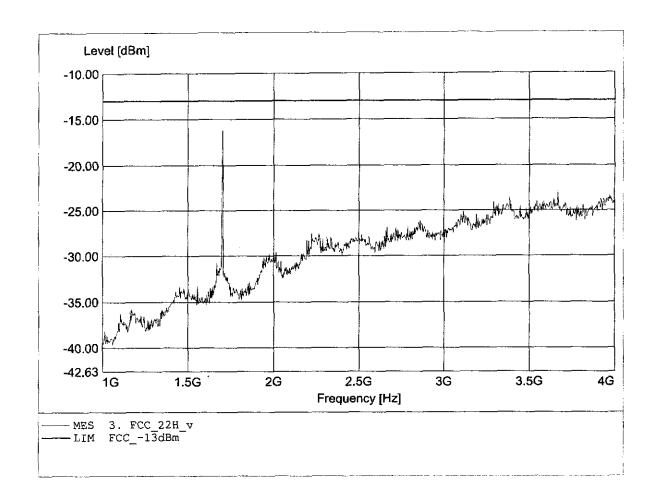
GSM/GPRS Module Q2426 EUT/Model :

Approval Holder: Wavecom Channel: 251

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC according to \$22.917 Dist.: 3m, Ant.: HL025 Test Specification:

Comment 1: Comment 2:

Freq: 1.703GHz, Pmax: -16.11dBm, RBW: 1MHz



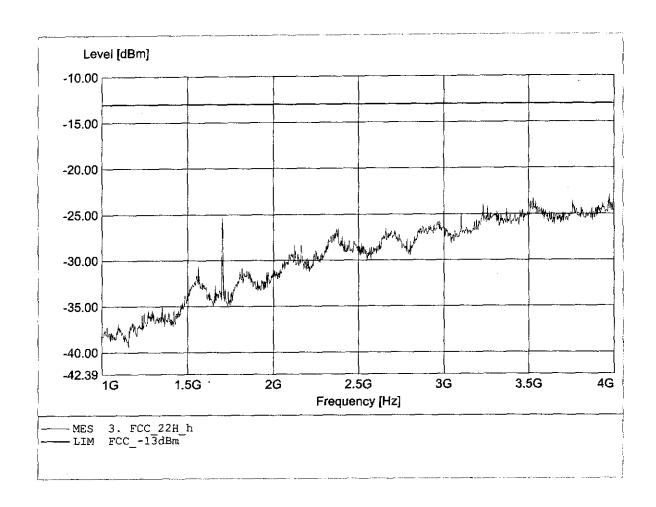
Q2426 GSM/GPRS Module EUT/Model :

Wavecom Approval Holder: 251 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification: according to \$22.917 Dist.: 3m, Ant.: HL025

Comment 1: Comment 2:

Freq: 3.973GHz, Pmax: -22.91dBm, RBW: 1MHz



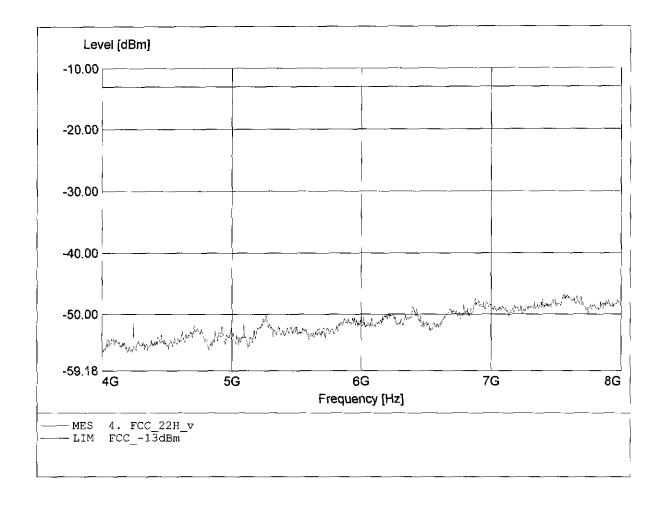
Q2426 EUT/Model : GSM/GPRS Module

Approval Holder: Wavecom 251 Channel:

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification:

Comment 1:

according to \$22.917 Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 7.564GHz, Pmax: -46.67dBm, RBW: 1MHz Comment 2:



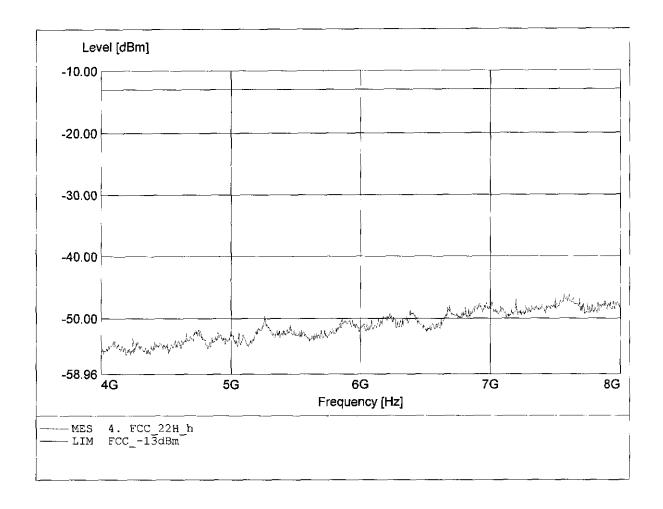
Q2426 GSM/GPRS Module EUT/Model :

Approval Holder: Wavecom Channel: 251

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom.: 3.7 VDC Test Specification:

Comment 1:

according to \$22.917
Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.564GHz, Pmax: -46.18dBm, RBW: 1MHz Comment 2:



EUT/Model :

Q2426 GSM/GPRS Module

Approval Holder:

Wavecom

Channel:

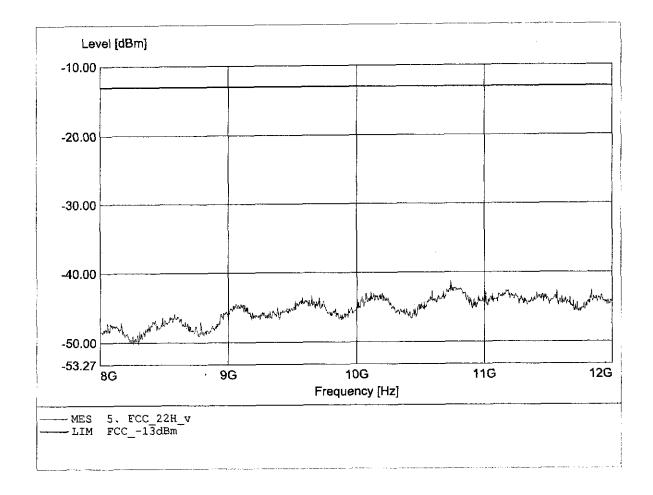
251

Test Site / Operator: ETS /MR. F. SCHULZ Temperature/ Voltage: 23°C / Unom. : 3.7 VDC

Test Specification: according to §22.917

Comment 1: Comment 2:

Dist.: 3m, Ant.: HL025, ampl.+HP. Freq: 10.738GHz, Pmax: -41.23dBm, RBW: 1MHz





Appendix K

Line Conducted Emissions

EMI voltage test in the ac-mains according to FCC part 15

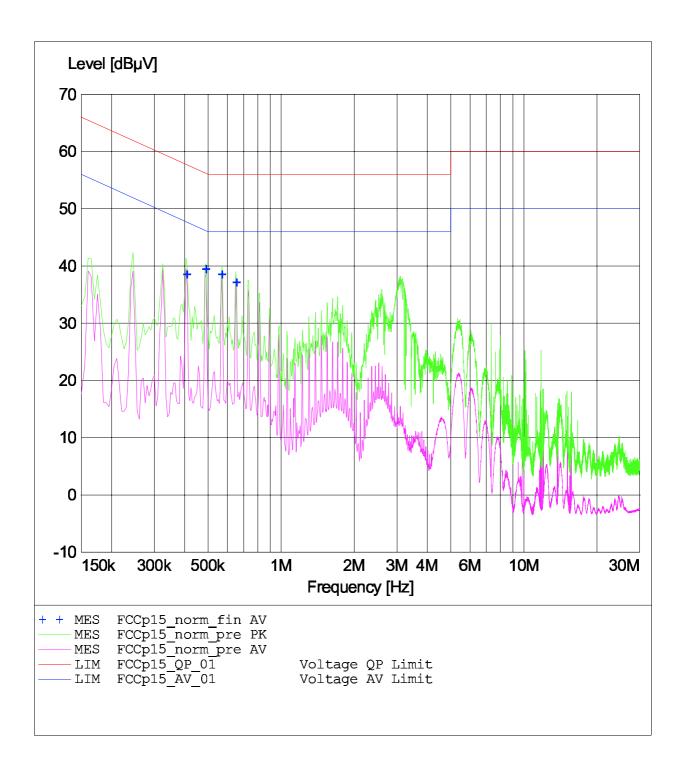
EUT: GSM/GPRS MODULE

Manufacturer: Wavecom

Operating Condition: Unom: 3.7 VDC, Tnom: 23°C

Test Site: ETS Operator: Mr. Pflug

Test Specification: V-Network: ESH2-Z5
Comment: model: Q2426 VER. 4.0





Appendix L

Frequency Stability vs. Temperature

No diagrams Refer to point 14.2

ETS Dr. Genz GmbH, Germany Registration number: G0M20304-7780-T-47

Appendix L



Appendix M

Frequency Stability vs. Voltage

No diagrams Refer to point 15.2