

Annex 2: Measurement diagrams
to
PARTIAL TEST REPORT
No.: 6-0491-14-14-2e

According to:
FCC Regulations
Part 22, Part 24

IC-Regulations
RSS-132, RSS-133, RSS-Gen

for

peiker acustic GmbH & Co. KG

GSM/GPRS/E-GPRS/W-CDMA Wireless Module V1140-103

FCC-ID: QWY-V1140-103

IC: 6588A-V1140103 , PMN: LTE-NAD , HVIN: V1140-103







Laboratory Accreditation and Listings			
 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-2666 C-2914, T-1967, G-301
 AUTHORIZED RF LABORATORY	 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			

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1. Measurement diagrams

1.1. Spurious emissions radiated (850 MHz transmitting mode)

8.02a_RSE_R_Ch128_GPRS

Common Information

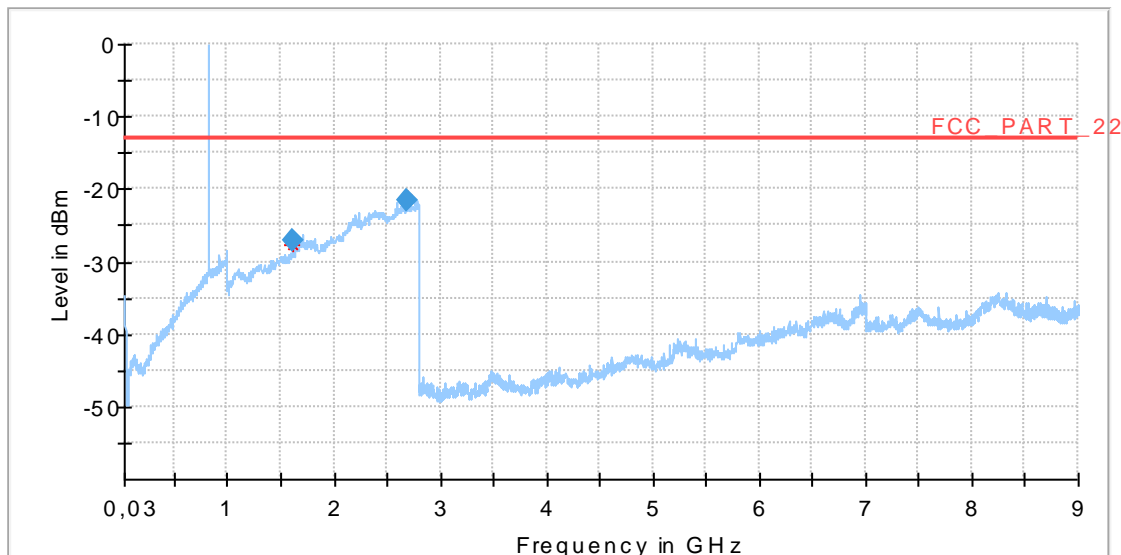
Test Description:	Radiated Emissions GSM850
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part22.917
Test Case:	-
Operating Mode:	MS allocated UL channel 128
Exclusionband:	824 - 849MHz
Environmental Conditions:	Humidity: 31%H; Temperature: 21°C
Operator:	AHo
Comment:	Elevation 0°

EUT Information

Manufacturer:	Peiker
Model:	V1140-103
Type:	GSM/UMTS Module

EUT:	PKD
HW version:	V1140-103_Ver.3
SW version:	M9615A-CETWTAZM-5.0.110118
SVN:	03
Config:	C01
Serial number:	3G#823 (IMEI:004400152020002-03)
Connected Interfaces:	loudspeaker ; microphone ; data cable ; USB cable ; antenna EU 64159 ; antenna cable
Power Supply:	3.8V DC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Po I	Azimuth (deg)	Corr. (dB)
1621.913827	-27.14	-	14.14	5000.0	1000.000	V	269.0	-63.8
2682.775551	-21.58	-	8.58	5000.0	1000.000	V	238.0	-58.3

8.02b_RSE_R_Ch128_GPRS

Common Information

Test Description:	Radiated Emissions GSM850
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part22.917
Test Case:	-
Operating Mode:	MS allocated UL channel 128
Exclusionband:	824 - 849MHz
Environmental Conditions:	Humidity: 31%rH; Temperature: 21°C
Operator:	AHo
Comment:	Elevation 90°

EUT Information

Manufacturer:	Peiker
Model:	V1140-103
Type:	GSM/UMTS Module

EUT:	PKD
HW version:	V1140-103_Ver.3
SW version:	M9615A-CETWTAZM-5.0.110118
SVN:	03
Config:	C01
Serial number:	3G#823 (IMEI:004400152020002-03)
Connected Interfaces:	loudspeaker ; microphone ; data cable ; USB cable ; antenna EU 64159 ; antenna cable
Power Supply:	3.8V DC
Comments:	-

Full Spectrum

