

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

According to:
FCC Regulations
Part 22, Part 24

for

peiker Acoustic GmbH & Co. KG

GSM/W-CDMA/LTE module V1140-100
+ Antenna EU
(GSM/E-GPRS mode)

FCC-ID: QWY-V1140100

Laboratory Accreditation and Listings			
 Deutsche Akkreditierungsstelle D-PL-12047-01-01	 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

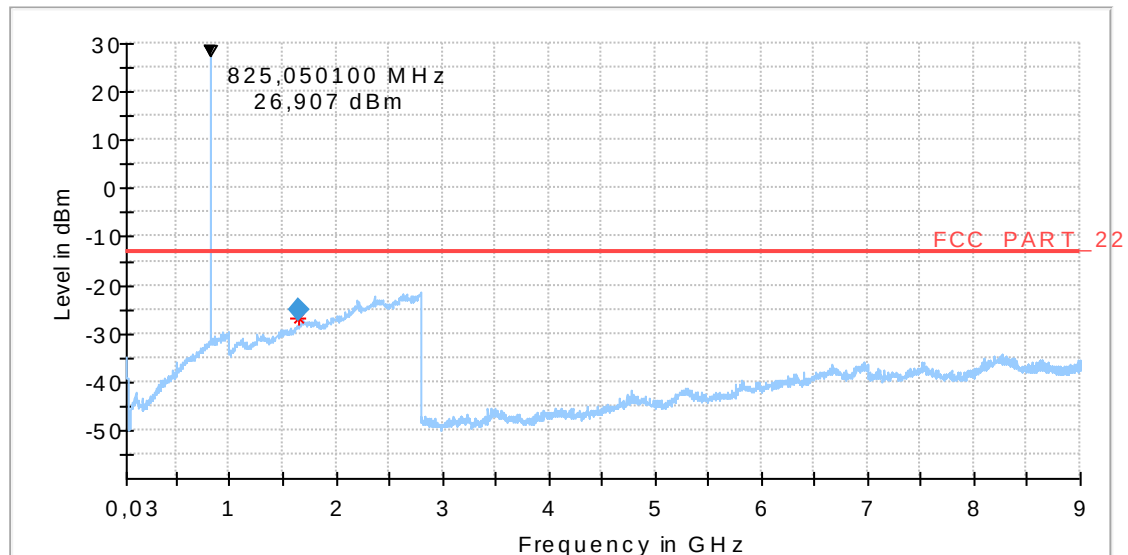
Test Description:	Radiated Emissions GSM850
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part22.917
Test Case:	-
Operating Mode:	MS allocated UL channel 128
Exclusionband:	824 - 849MHz
Environmental Conditions:	Humidity: 50%rH; Temperature: 21°C
Operator:	MNu,Kre
Comment:	Elevation 0°

EUT Information

Manufacturer:	Peiker
Model:	V1140-100
Type:	GSM/UMTS/LTE Module

EUT:	PKD0324AB1(b)
HW version:	V1140-100_Ver3
SW version:	M9615A-CETWTAZM-5.0.110118
SVN:	03
Config:	C01
Serial number:	EU#821
Connected Interfaces:	loudspeaker ; microphone ; data cable ; USB cable ; antenna EU
Power Supply:	3.8V DC
Comments:	-

Full Spectrum



8.02b_RSE_R_Ch128_GPRS

Common Information

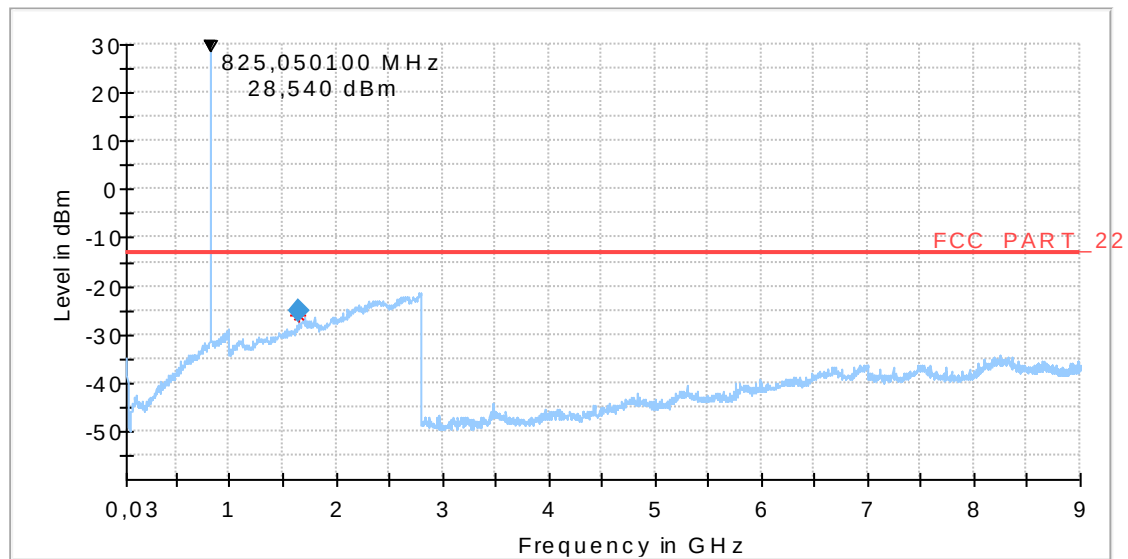
Test Description:	Radiated Emissions GSM850
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR)
Test Standard:	FCC Part22.917
Test Case:	-
Operating Mode:	MS allocated UL channel 128
Exclusionband:	824 - 849MHz
Environmental Conditions:	Humidity: 50%rH; Temperature: 21°C
Operator:	MNu,Kre
Comment:	Elevation 90°

EUT Information

Manufacturer:	Peiker
Model:	V1140-100
Type:	GSM/UMTS/LTE Module

EUT:	PKD0324AB1(b)
HW version:	V1140-100_Ver3
SW version:	M9615A-CETWTAZM-5.0.110118
SVN:	03
Config:	C01
Serial number:	EU#821
Connected Interfaces:	loudspeaker ; microphone ; data cable ; USB cable ; antenna EU
Power Supply:	3.8V DC
Comments:	-

Full Spectrum



Final Result

Frequency (MHz)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Po I	Azimuth (deg)	Corr. (dB)
1648.186373	-13.00	11.98	5000.0	H	310.0	-63.4