







Annex 1: Measurement diagrams to  
**TEST REPORT**  
 No.: 17-1-0290002T10a

According to:  
**FCC Regulations**  
 Part 18.305

for  
**Peiker acoustic GmbH**

**Wireless Mobile Interface**  
**WMI2-W205**

FCC-ID: QWY-WMI2W205

Laboratory Accreditation and Listings		
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accredited according to DIN EN ISO/IEC 17025		
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Laboratory Accreditation and Listings		

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## 1. Measurement diagrams

### 1.1. H-Field requirements

#### 1.1.1. Op. Mode 1 (TX-transmitter only)

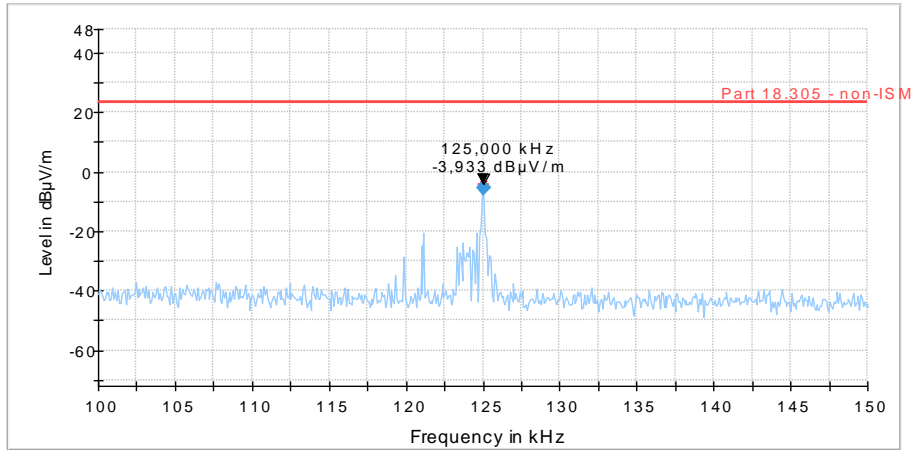


Diagram No. 2.01\_WLC\_laying\_TXMode

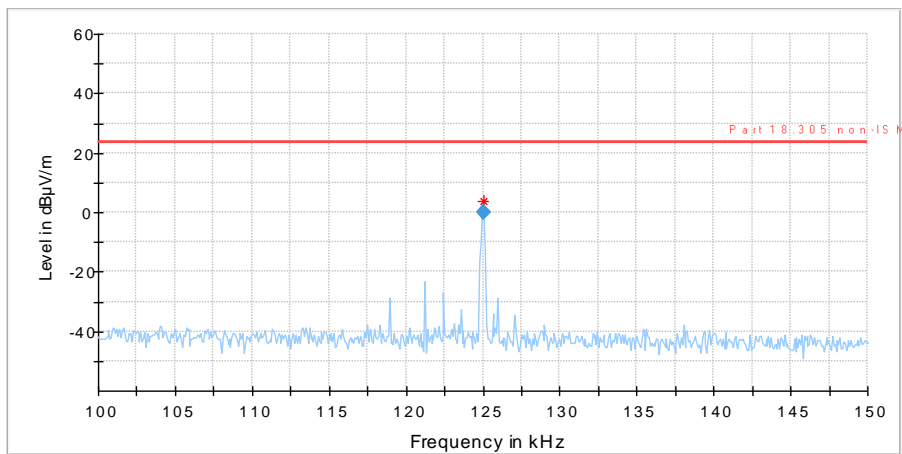
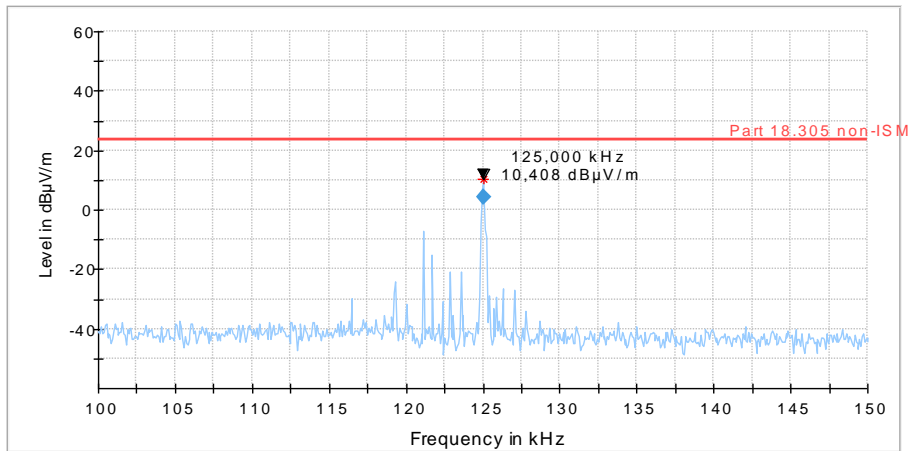
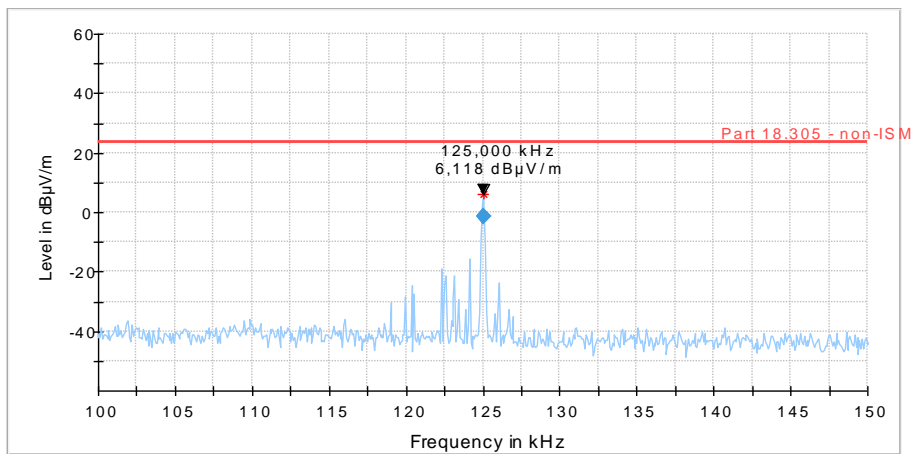


Diagram No.: 2.02\_WLC\_standing\_TXMode

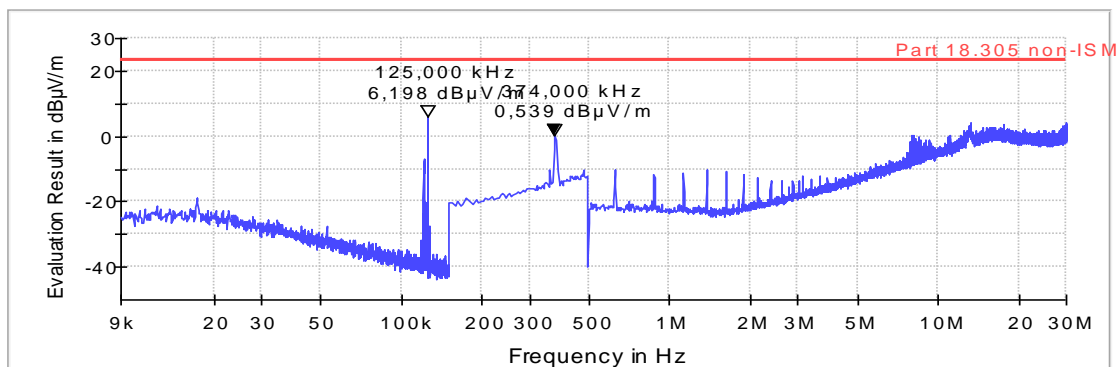
**1.1.2. Op. Mode 2 (TX/RX-transmitter and receiver)****Diagram No. 2.04\_laying\_TXRX\_Mode****Diagram No. 2.05\_standing\_TXRX\_Mode**

## 1.2. Radiated spurious emission 9 kHz – 30 MHz

### Diagram No. 2.06\_WLC\_TXRX\_below 30 MHz

Date: 06.09.2017 Page 1 of 2  
 Magnetic Field Strength Measurement related to 30/300 m distance  
 Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance  
 EMC32 V9.25.0  
 used accord. table, pls. see test report  
 Please see page 2 for detailed data of measurement setup  
 height 1.00 m, parallel and 90° to EUT polarisation  
 bypass  
 FCC 18.305

Operator: DLe



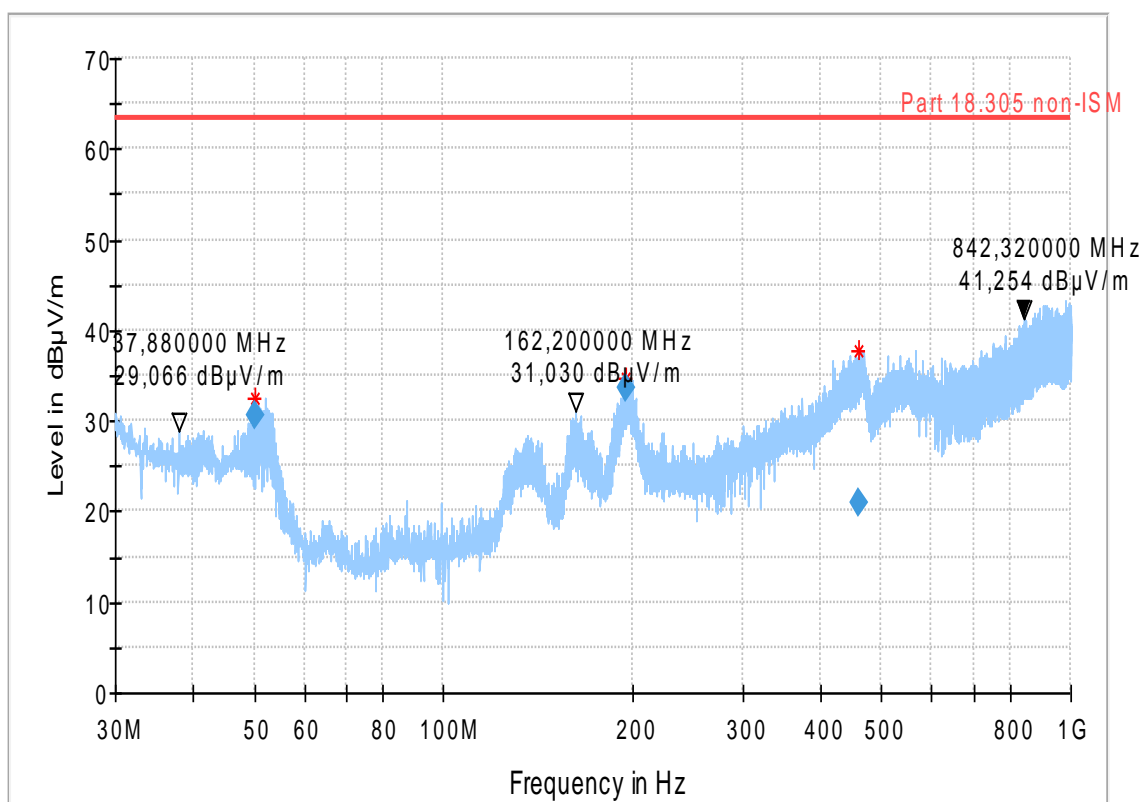
#### Final Result

Frequency (MHz)	RMS (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
0.374000	-7.43	16.15	23.58	1000.0	10.000	100.0	H	229.0	90.0	-61.5
0.626000	16.49	31.68	15.19	1000.0	10.000	100.0	H	227.0	90.0	-28.9
0.874000	11.94	28.79	16.85	1000.0	10.000	100.0	H	210.0	90.0	-28.9
1.126000	10.59	26.59	16.01	1000.0	10.000	100.0	H	196.0	90.0	-28.9
1.374000	9.79	24.87	15.08	1000.0	10.000	100.0	H	197.0	90.0	-28.9
1.626000	7.72	23.41	15.69	1000.0	10.000	100.0	H	198.0	90.0	-28.8

### 1.3. Radiated spurious emission 30 MHz – 1GHz

#### Diagram No. 3.01.WLC\_TX\_above 30 MHz

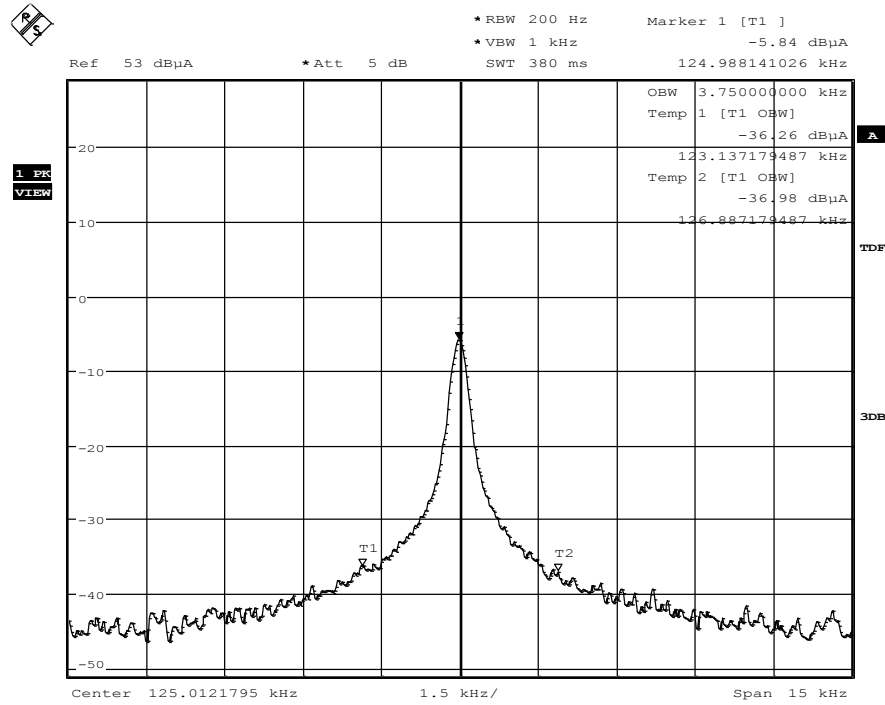
Test description:	15.11.2017 Page 1 of 1
Test site and distance:	Electric Field Strength Measurement
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Distance correction:	EMC32 V9.25.0
Used filter:	20dB/Dekade (Limit: 63.5dBuV/m)
Technical Data:	not used
Test specification.:	please see page 2 for detailed data of measurement setup
	FCC 15.803
	Continuous TX-NFC (13.56 MHz) Mode
Operator:	Klv/JRi
Comment 1:	WLC



#### Final Result

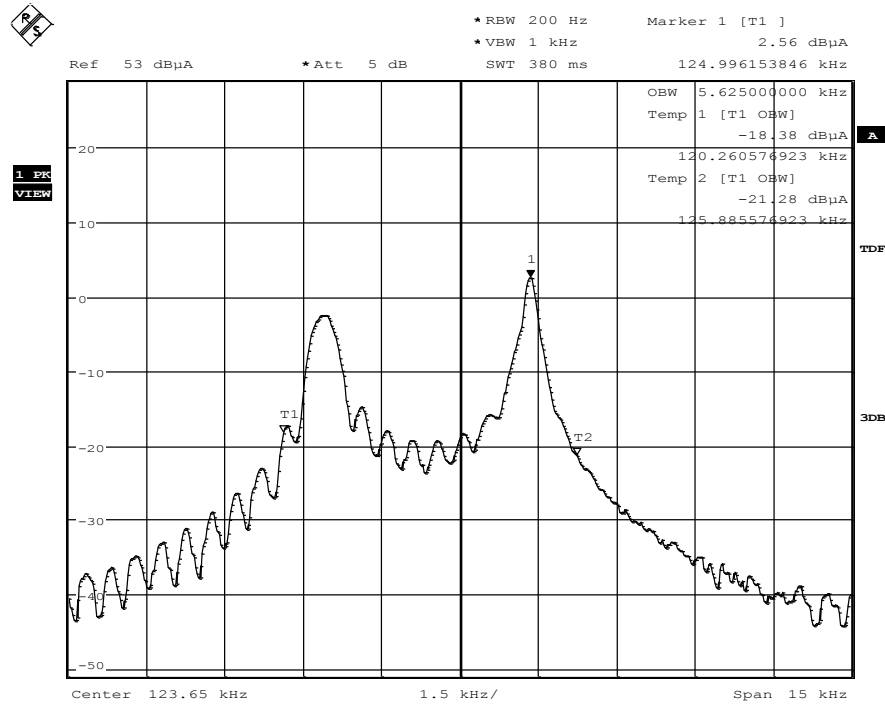
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB)
50.248000	30.47	40.00	9.53	1000.0	120.000	105.0	V	225.0	0.0	12.9
195.668000	33.70	43.50	9.80	1000.0	120.000	123.0	H	166.0	90.0	11.5
458.960000	20.82	46.00	25.18	1000.0	120.000	360.0	V	93.0	90.0	19.5

### 1.4. Occupied bandwidth



Date: 13.DEC.2017 14:30:43

Diagram 1.4.1: OBW Tnom Vnom (EUT operation mode 1: TX mode)



Date: 13.DEC.2017 14:17:14

Diagram 1.4.2: OBW Tnom Vnom (EUT operation mode 2: TX & RX mode)