

TEST REPORT
of the accredited test laboratory**TÜV Nr.:INE-AT/FG-21/152****TÜV AUSTRIA
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Industry & Energy Austria

Technik

TÜV®

Applicant: Speech Processing Solutions GmbH
Gutheil-Schoder-Gasse 8-12
A – 1100 Vienna

Tested Product: wireless dictation system Headset

FCC-ID: 2AD4M-P6000

IC-ID: 26381-P6000

Manufacturer: Speech Processing Solutions GmbH
Gutheil-Schoder-Gasse 8-12
A – 1100 Vienna

Output power: 5,62 mW eirp max. **power supply:** 3,7 VDC internal
Battery

Frequency range: 2406,1 - 2474,1 MHz **Channel separation:** 4MHz

Standard: FCC: 47 CFR Part 15 (October 1, 2018 edition)
RSS-247 Issue 2, February 2017

Testing Laboratory,
Inspection Body,
Certification Body,
Calibration Laboratory,
Verifizierungsstelle**Notified Body 0408****Non-executive
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1230 Vienna/Austria**Branch Offices:**
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Vienna / FN 288476 f**Bank Details:**
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DVR 3002476**TÜV AUSTRIA SERVICES GMBH**
Test laboratory for EMC

Ing. Michael Emminger

**examined by / Testing
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**TÜV AUSTRIA SERVICES
GMBH**

06.07.2021

Ing. Wilhelm Seier

**approved by / Testing
Laboratory**
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The results of this test report only refer to the provided equipment.

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1. Applicant

Company: Speech Processing Solutions GmbH

Department: ---

Address: Austria; 1100 Wien; Gutheil-Schoder-Gasse 8-12

Contact person: Gerhard PODHRADSKY

EUT received on: 15.10.2018

Tests were performed on: 22.10.2018 - 26.03.2019

2. Description of EUT

EUT: Headset PSM6000

Serial Number: ---

Manufacturer: Speech Processing Solutions GmbH

Description: Speech Processing Solutions GmbH provided the following configuration for the measurements:

PSM6000 attached via Radio link to ACC6000

Operating mode: The measurements were carried out at the following running states:
normal operation

Technical data EUT: Rated voltage: 3,7VDC
Rated current: 120mA
Rated frequency: DC

Mains voltage during the tests: 3,7VDC internal battery

Climatic conditions in the emc laboratory: Relative humidity: 39%
Temperature: 23°C

3. Standards / Final result

Name	Title	Deviation	Result
Title 47 CFR Part 15 October 1 st 2018 edition	RADIO FREQUENCY DEVICES	none	OK
RSS-247 Issue 2, February 2017	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices	none	OK
<p>Result: Opinions and interpretation of testing laboratory OK: EUT passed NOK: EUT failed</p>			

4. Test results

4.1. Test Object Data

General EUT Description

This device is a wireless dictation system headset. The charging station and communication controller is documented in test report INE-AT/FG-19/204.

2.1033 (c) Technical description

2.1033 (4) Type of emission: 2M06F1D – Channel spacing 4 MHz

2.1033 (5) Frequency range: 2404,1 to 2474,1 MHz (channel center frequencies).

2.1033 (6) Power range and Controls: The maximum peak output power is 5,62 mW and there is no power regulation.

2.1033 (7) Maximum output power rating: 5,62 mW.

2.1033 (8) DC Voltage and Current: 5 V DC
maximum current consumption: 2A (charging)

RSS-135 This standard does not apply to:

- 1.1.(a) a receiver that scans radio frequencies for the purpose of enabling its associated transmitter to avoid transmitting in an occupied frequency but which does not have the capability of decoding the message (e.g. converting it to audio voice) contained in the radio signal

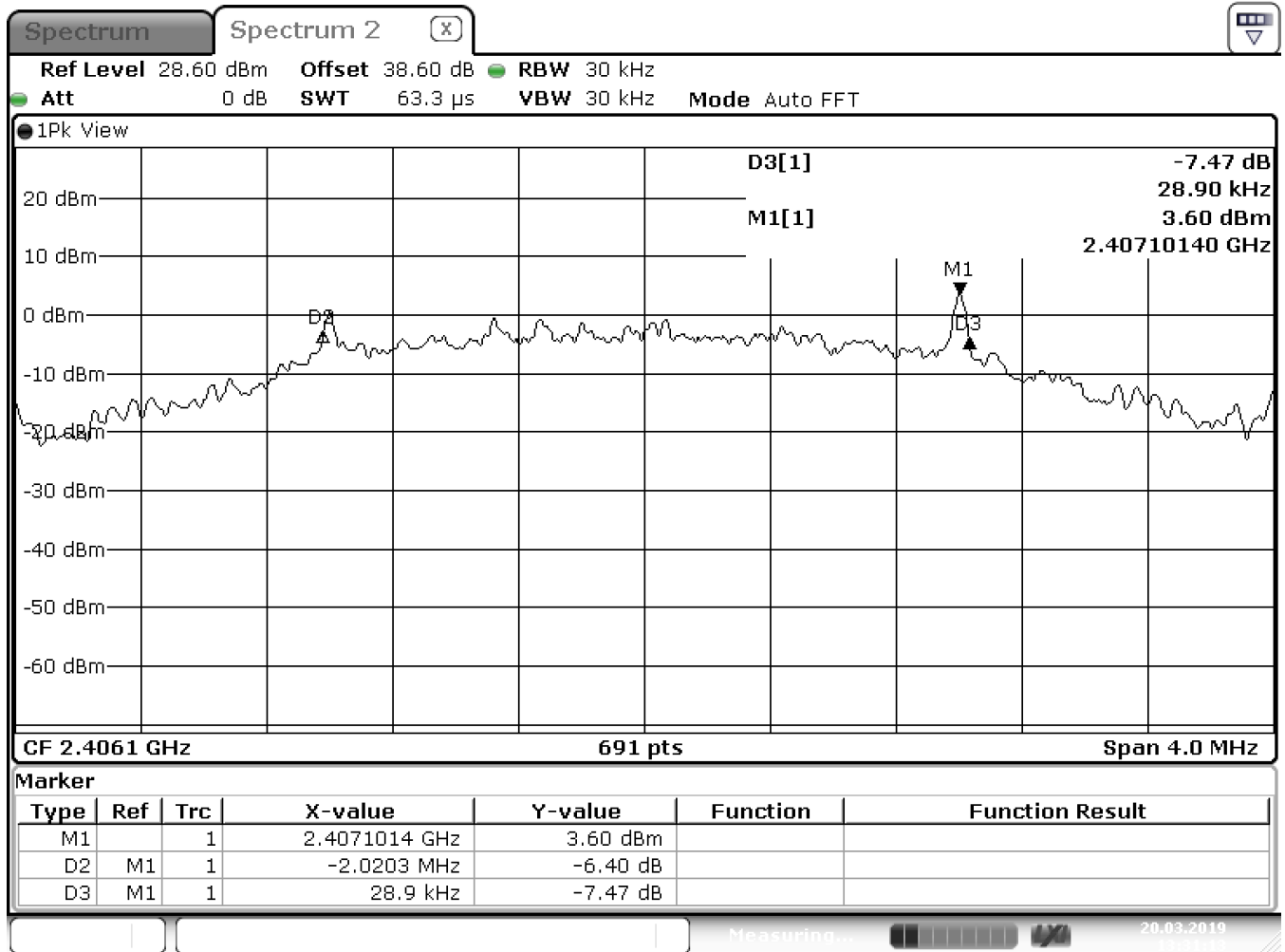
Tests were performed October 22nd 2018 till March 26th 2019.

4.3. 6dB Bandwidth

**§ 15.247(a)(2)
 5.2(1)**

Conducted Measurement

Rated output power: 5,62 mW Channel 1 (2406,1 MHz center frequency)



Date: 20.MAR.2019 13:31:13

6dB Bandwidth: 2049 kHz

LIMIT SUBCLAUSE 15.247(e) – 5.2(1)

Under normal test conditons	6 dB Bandwidth at least 500 kHz
-----------------------------	---------------------------------

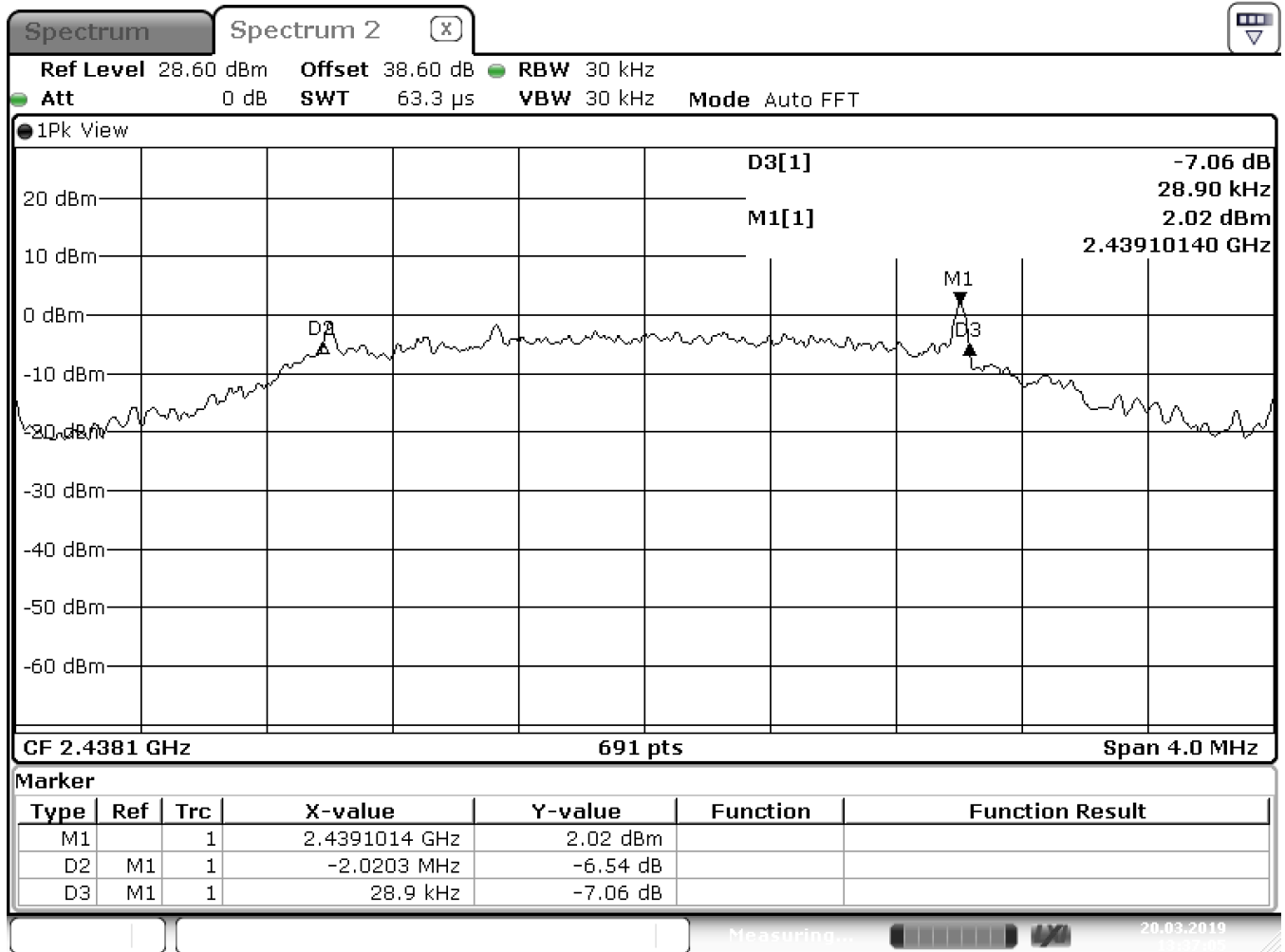
Test Equipment used: EMV-205

6dB Bandwidth

§ 15.247(a)(2)
 5.2(1)

Conducted Measurement

Rated output power: 5,62 mW Channel 9 (2438,1 MHz center frequency)



Date: 20.MAR.2019 13:37:05

6dB Bandwidth: 2049 kHz

LIMIT SUBCLAUSE 15.247(e) – 5.2(1)

Under normal test conditons	6 dB Bandwidth at least 500 kHz
-----------------------------	---------------------------------

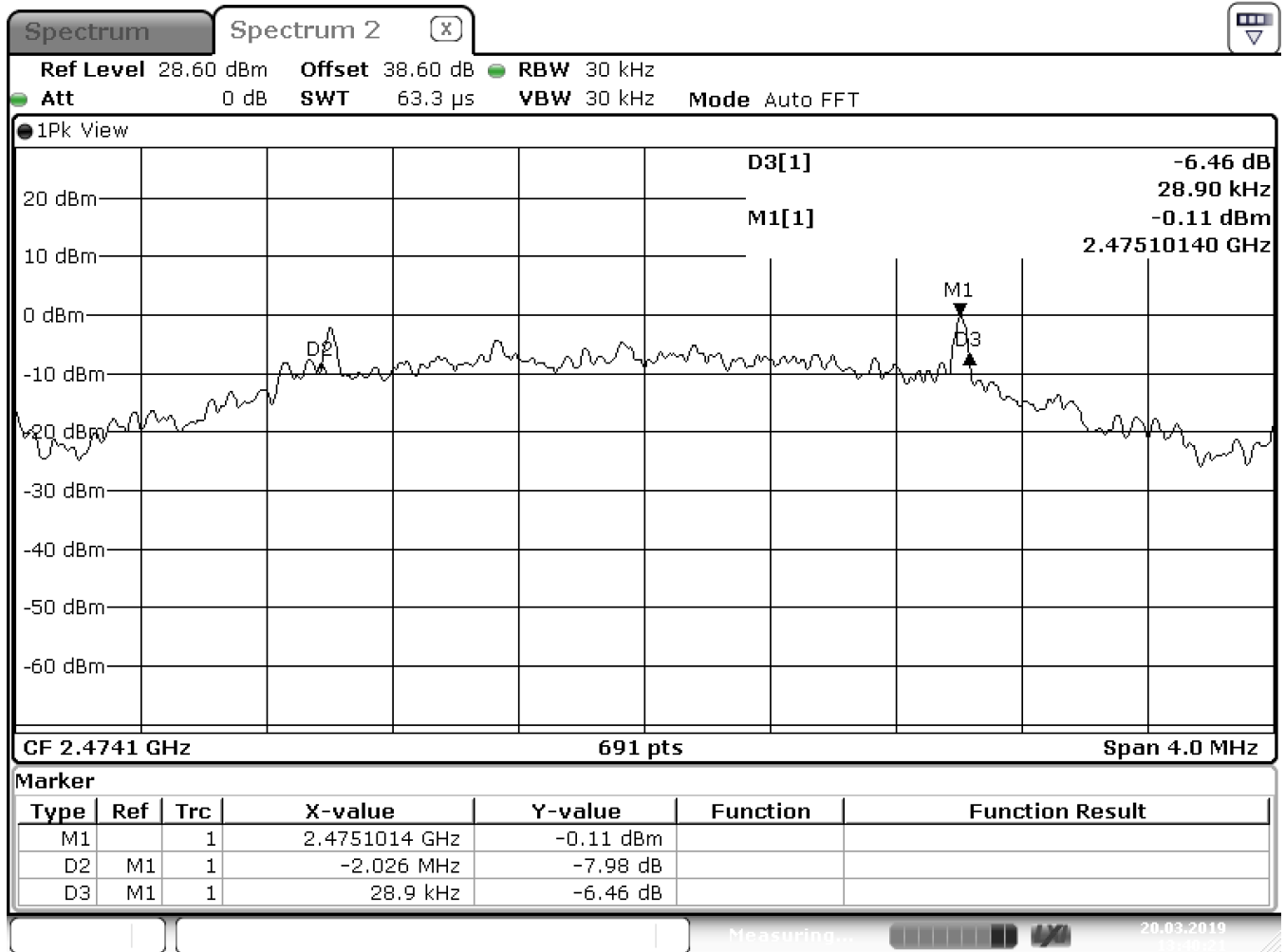
Test Equipment used: EMV-205

6dB Bandwidth

§ 15.247(a)(2)
 5.2(1)

Conducted Measurement

Rated output power: 5,62 mW Channel 18 (2474,1 MHz center frequency)



Date: 20.MAR.2019 13:40:21

6dB Bandwidth: 2055 kHz

LIMIT SUBCLAUSE 15.247(e) – 5.2(1)

Under normal test conditons	6 dB Bandwidth at least 500 kHz
-----------------------------	---------------------------------

Test Equipment used: EMV-205

4.4. Maximum Peak RF Power Output (conducted)

**§ 15.247(b)(3)
 5.4(4)**

Conducted Measurement

Rated output power: 5,62 mW

Test conditions		Transmitter power (mW)		
		2406,1 MHz	2438,1 MHz	2474,1 MHz
T _{nom} (23)°C	V _{nom} (5) V	5,62	4,57	2,63
Maximum deviation from rated output power under normal test conditions (dB)		0	-0,9	-3,3
Measurement uncertainty		± 0,75 dB		

LIMIT SUBCLAUSE 15.247(b)(3) – 5.4(4)

Under normal test conditons	1W conducted (4W eirp)
-----------------------------	------------------------

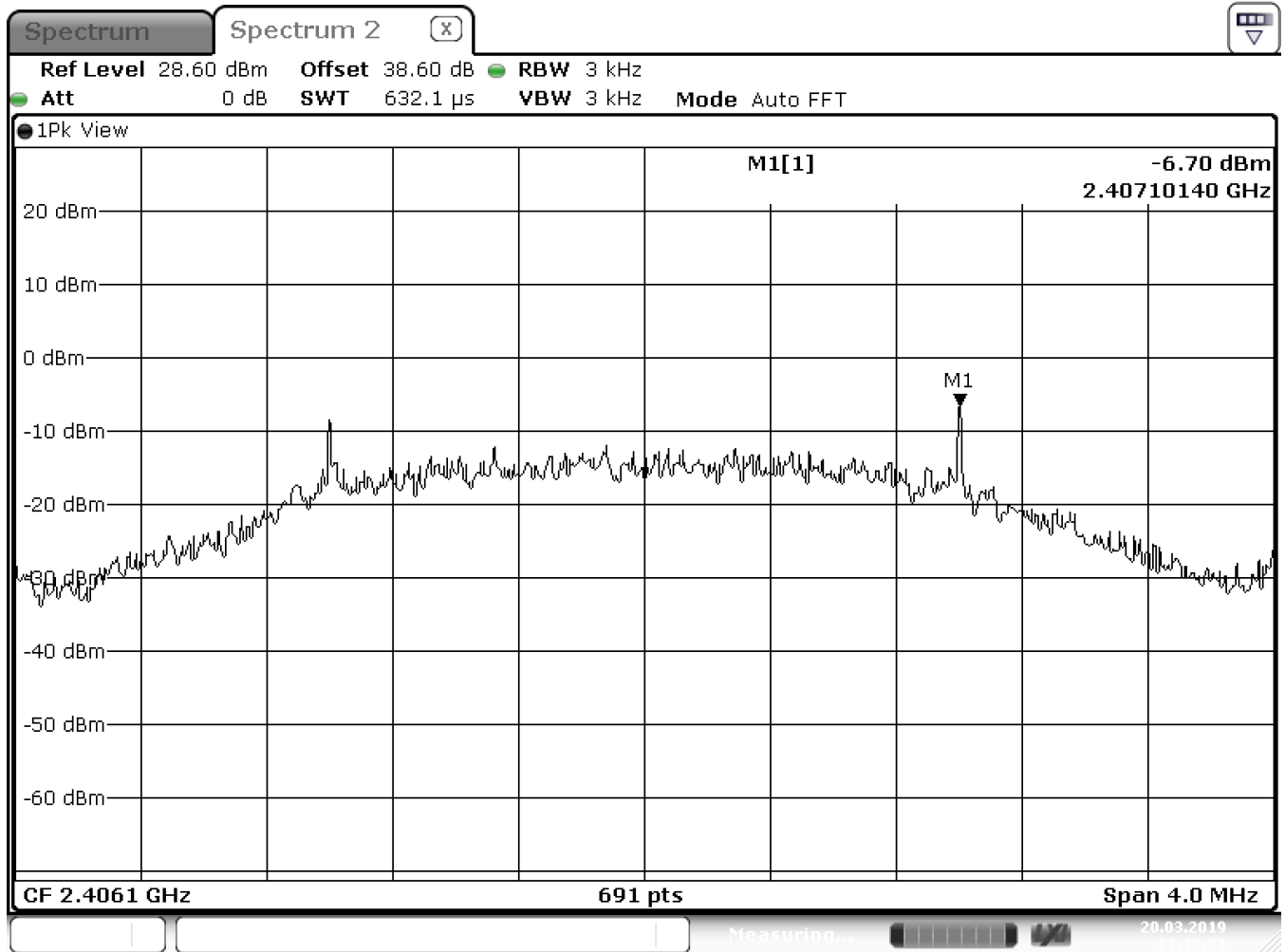
Test Equipment used: EMV-205

4.5. Power spectral density (conducted)

**§ 15.247(e)
 5.2(2)**

Conducted Measurement

Rated output power: 5,62 mW Channel 1 (2406,1 MHz center frequency)



Date: 20.MAR.2019 13:33:31

Power Spectral density: -6,70 dBm @ 2407,101 MHz

LIMIT SUBCLAUSE 15.247(e) – 5.2(2)

Under normal test conditons	+8dBm in any 3 kHz band
-----------------------------	-------------------------

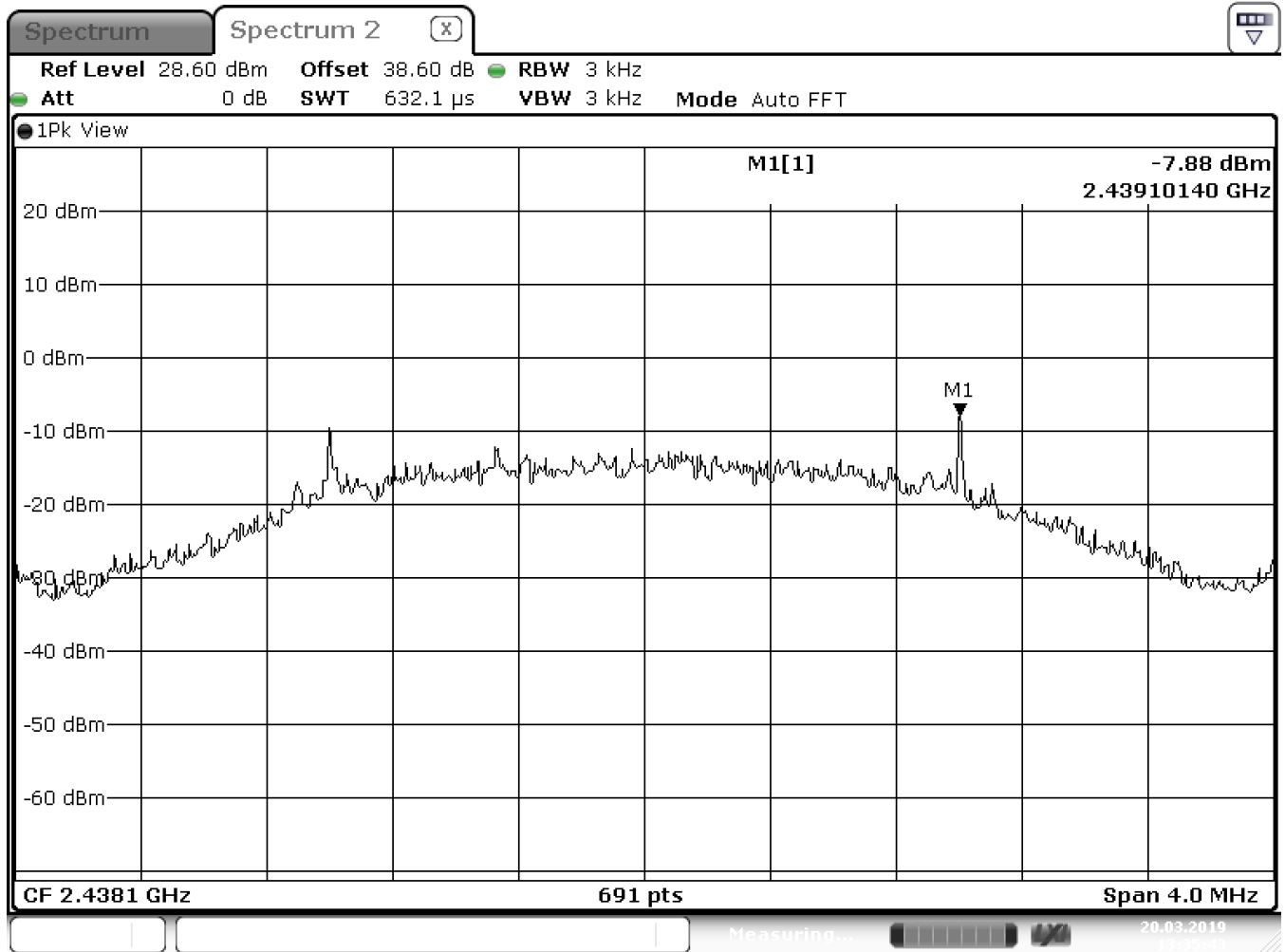
Test Equipment used: EMV-205

Power spectral density (conducted)

**§ 15.247(e)
 5.2(2)**

Conducted Measurement

Rated output power: 5,62 mW Channel 9 (2438,1 MHz center frequency)



Date: 20.MAR.2019 13:35:44

Power Spectral density: -7,88 dBm @ 2439,101 MHz

LIMIT SUBCLAUSE 15.247(e) – 5.2(2)

Under normal test conditons	+8dBm in any 3 kHz band
-----------------------------	-------------------------

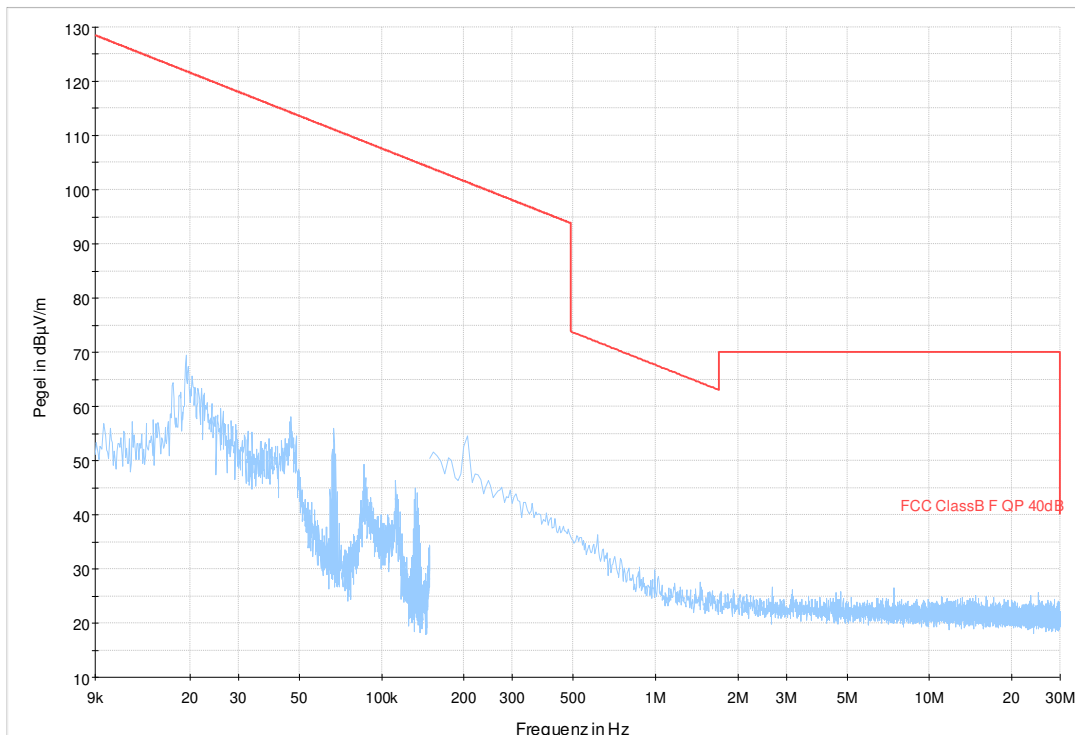
Test Equipment used: EMV-205

4.6. Emissions in restricted bands
Emissions falling within restricted frequency bands

§ 15.209(a)
RSS-Gen

Measurement with Peak-Detector:

Setup: Charging station measured in conjunction with handset, Adaptive frequency selection enabled - charging



Worst case emission: 54,9 dBµV/m @ 205,00 kHz

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

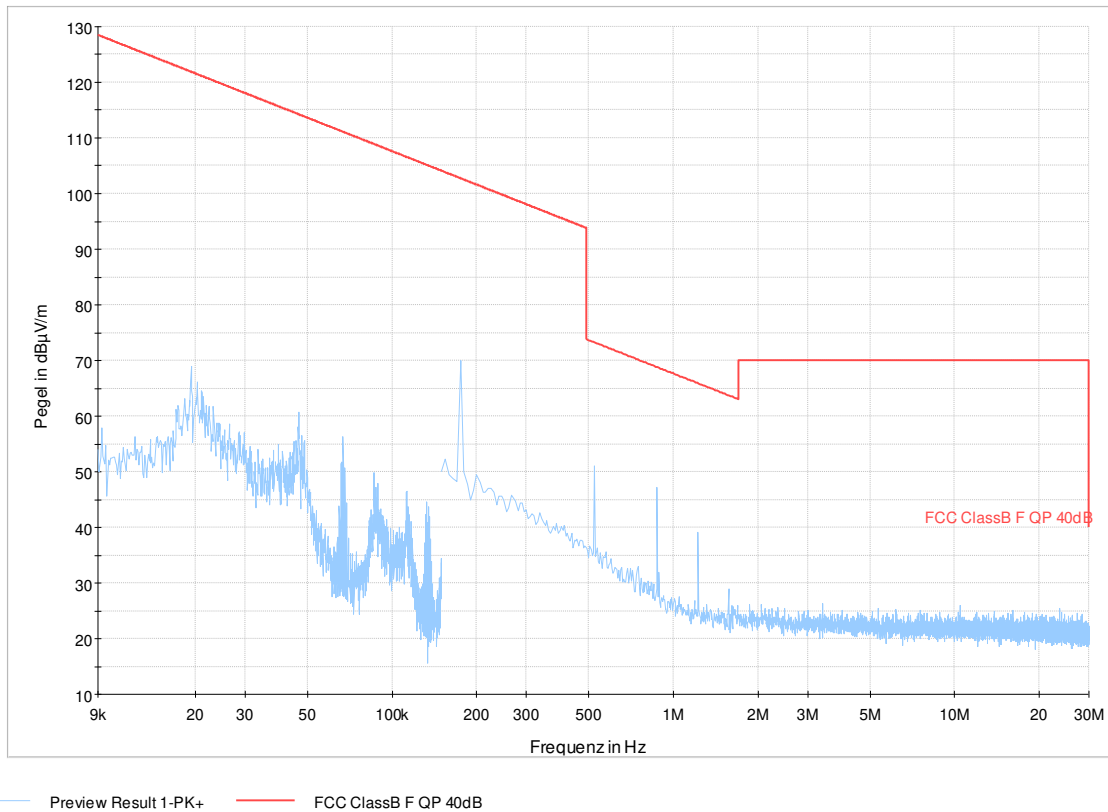
Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
 EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands
Emissions falling within restricted frequency bands

§ 15.209(a)
RSS-Gen

Measurement with Peak-Detector:

Setup: Charging station measured nearby handset, Adaptive frequency selection enabled – not charging



Worst case emission: 70,2 dBµV/m @ 185 kHz

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

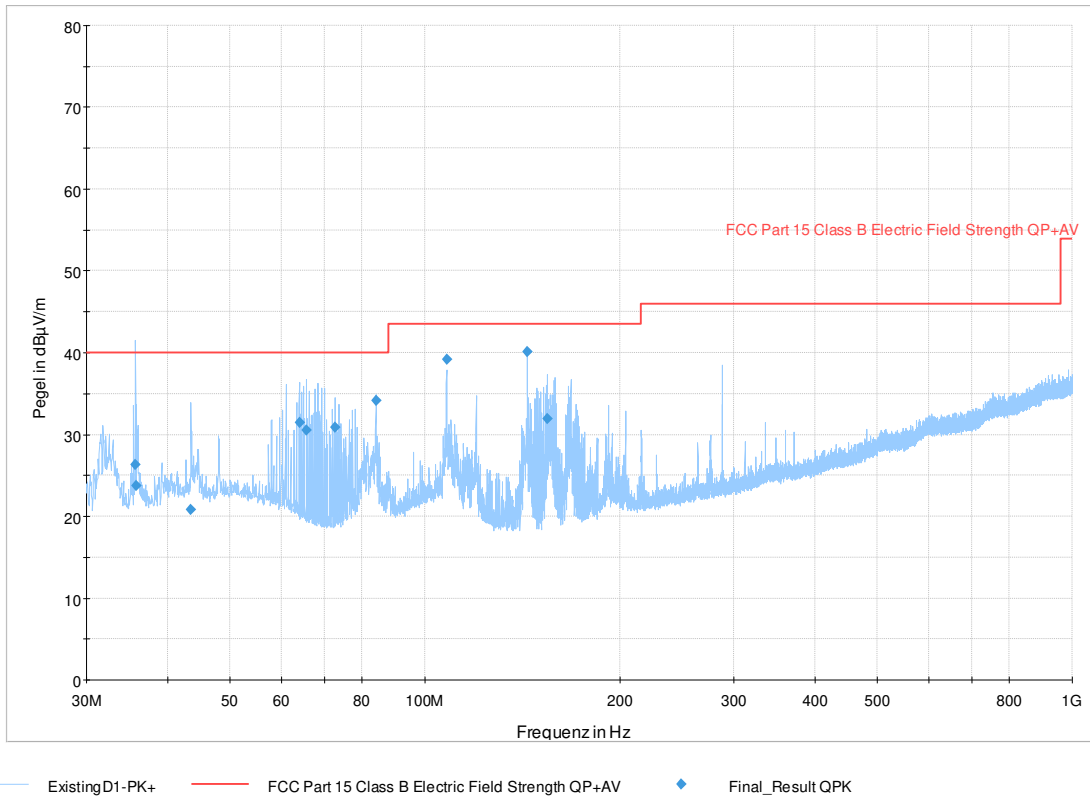
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
 EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands
Emissions falling within restricted frequency bands

§ 15.209(a)
RSS-Gen

Setup: Adaptive frequency selection enabled



Worst case emission: 40,16 dBµV/m @ 144,000 MHz

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

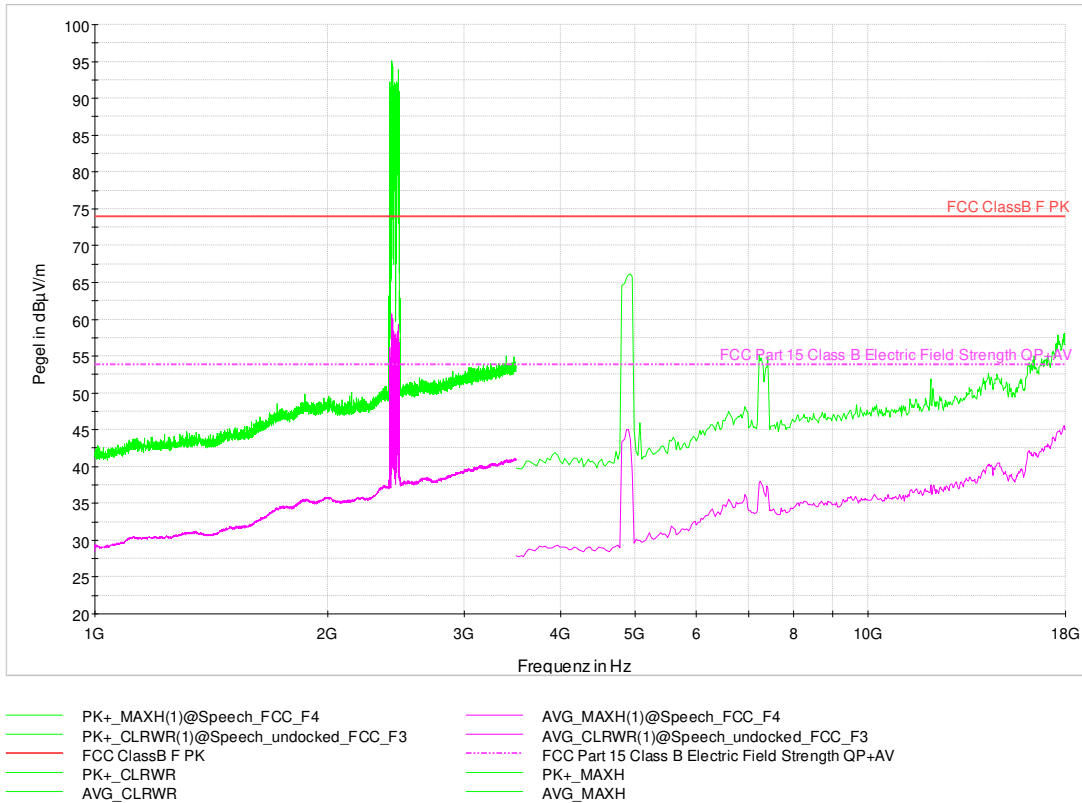
Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
 EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands
Emissions falling within restricted frequency bands

§ 15.209(a)
RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: Adaptive frequency selection enabled



Worst case emission: 44,99 dBµV/m @ 4865 MHz Average

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

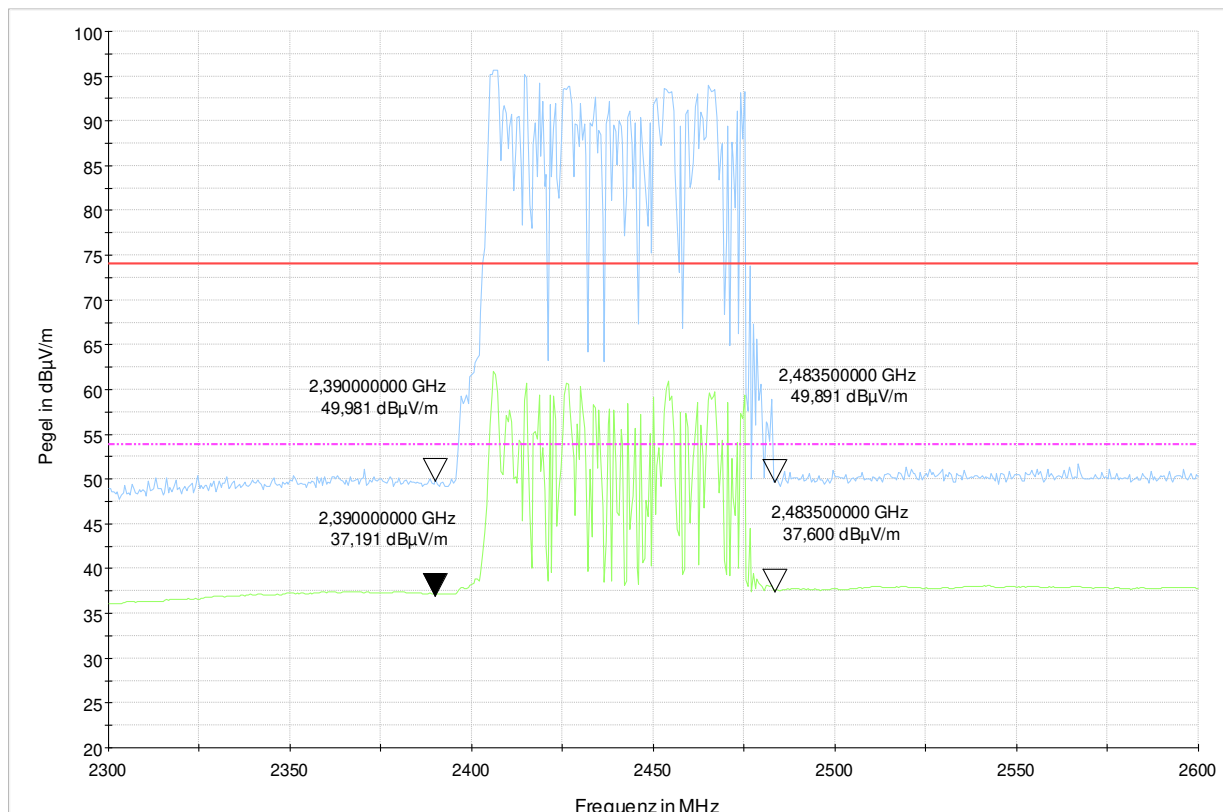
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: Adaptive frequency selection enabled



— Preview Result 2-AVG — Preview Result 1-PK+
— FCC ClassB F PK - - - FCC Part 15 Class B Electric Field Strength QP+AV

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Band edges of the nearest restricted bands: 2390 MHz and 2483,5 MHz.

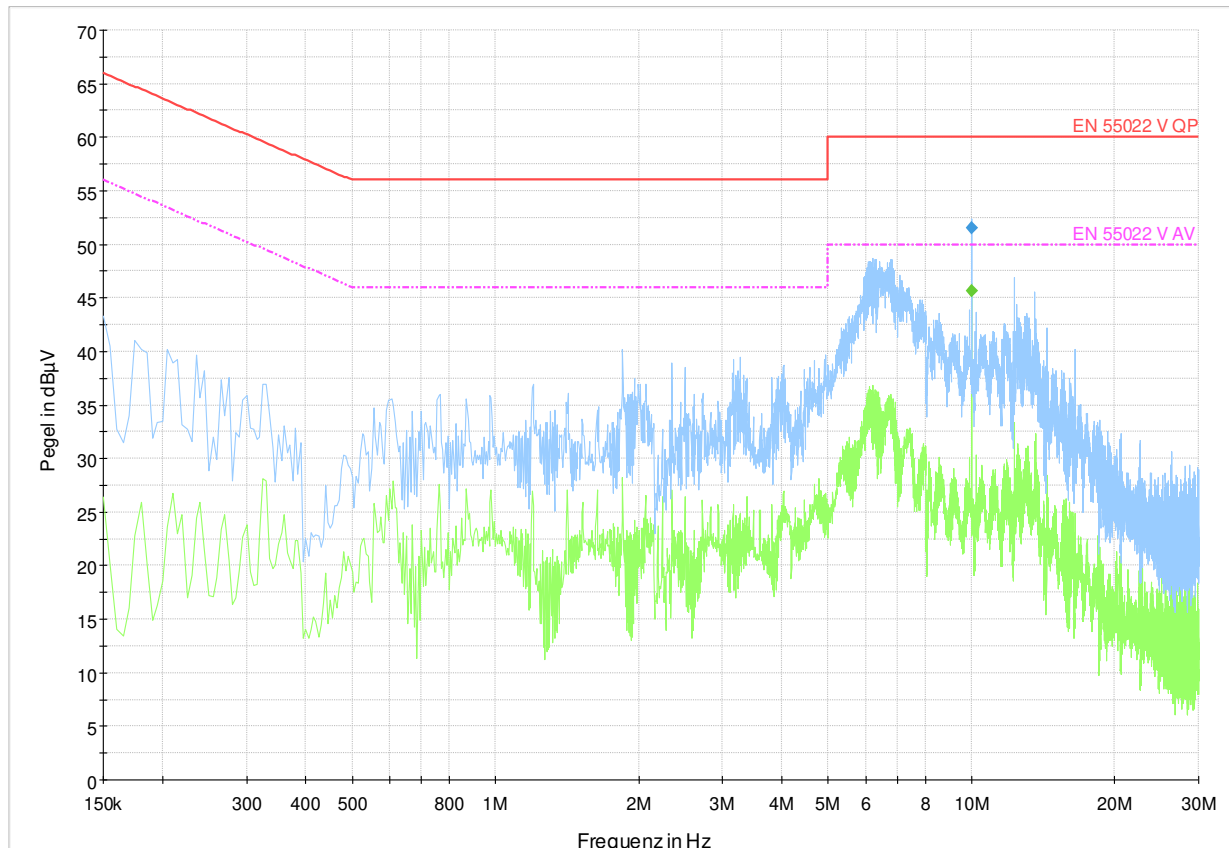
Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

**4.7. Conducted Limits
 RSS-Gen 8.8**

§ 15.207

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: Headset measured in conjunction with charging station, Adaptive frequency selection enabled



— Preview Result 2-AVG — Preview Result 1-PK+ — EN 55022 V QP
- - - EN 55022 V AV ◆ Final_Result QPK ◆ Final_Result CAV

Worst case Quasi-Peak emission: 51,52 dBµV @ 10,000 MHz
 Worst case Average emission: 45,66 dBµV @ 10,000 MHz

LIMIT SUBCLAUSE 15.207(a) – RSS-Gen 8.8

Frequency of emission (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

Test Equipment used: EMV-105; EMV-151; EMV-200; EMV-405

Test report number:
INE-AT/FG-21/152
Date: 06.07.2021
Ambient temperature: 23°C

Relative humidity: 39%

4.8. Maximum permissible Exposure § 15.247(i)

This kind of radio equipment is categorically excluded from routine environmental evaluation.

Appendix 1

Test equipment used

<input type="checkbox"/>	Anechoic Chamber with 3m measurement distance	NT-100	<input type="checkbox"/>	Power quality analyzer Fluke 1760 (complete set)	NT-160 - NT-173
<input type="checkbox"/>	Stripline according to ISO 11452-5	NT-108	<input type="checkbox"/>	Spectrumalyzer – FSP7 9 kHz – 7 GHz	NT-200
<input type="checkbox"/>	MA4000 - Antenna mast 1 - 4 m height	NT-110/1	<input type="checkbox"/>	ESCI - Test receiver 9 kHz - 7 GHz	NT-203/1
<input type="checkbox"/>	DS - Turntable 0 - 400 ° Azimuth	NT-111/1	<input type="checkbox"/>	ESR – Test receiver 20 Hz – 26,5 GHz	NT-207/1
<input type="checkbox"/>	CO3000 Controller Mast+Turntable	NT-112/1	<input type="checkbox"/>	Digital Radio Tester CMW500	NT-208/1
<input type="checkbox"/>	HUF-Z3 - Log. Per. Antenna 200 - 1000 MHz	NT-121	<input type="checkbox"/>	Noise-gen., ITU-R 559-2 20 Hz – 20 kHz	NT-209
<input type="checkbox"/>	FMZB1513 - Loop Antenna 9 kHz - 30 MHz	NT-122/1	<input type="checkbox"/>	CMTA - Radiocommunication analyzer ; 0,1 - 1000 MHz	NT-210
<input type="checkbox"/>	HFH-Z6 - Rod Antenna 9 kHz - 30 MHz	NT-123	<input type="checkbox"/>	3271 - Spectrum analyzer 100 Hz - 26,5 GHz	NT-211
<input type="checkbox"/>	3121C - Dipole Antenna 28 - 1000 MHz	NT-124	<input type="checkbox"/>	Digital Radio Tester Aeroflex 3920	NT-212/1
<input type="checkbox"/>	3115 - Horn Antenna 1 - 18 GHz (immunity)	NT-125	<input type="checkbox"/>	Mixer M28HW 26,5 GHz - 40 GHz	NT-214
<input type="checkbox"/>	3116 - Horn Antenna 18 - 40 GHz	NT-126	<input type="checkbox"/>	RubiSource T&M Timing reference	NT-216
<input type="checkbox"/>	SAS-200/543 - Bicon. Antenna 20 MHz - 300 MHz	NT-127	<input type="checkbox"/>	Radiocommunicationanalyzer SWR 1180 MD	NT-217
<input type="checkbox"/>	AT-1080 - Log. Per. Antenna 80 - 1000 MHz	NT-128	<input type="checkbox"/>	Mixer M19HWD 40 GHz – 60 GHz	NT-218
<input type="checkbox"/>	HK-116 - bicon. Antenna 20 MHz - 300 MHz	NT-129	<input type="checkbox"/>	Mixer M12HWD 60 GHz – 90 GHz	NT-219
<input type="checkbox"/>	HK-116 - bicon. Antenna 20 MHz - 300 MHz	NT-130	<input type="checkbox"/>	DSO9104 Digital scope	NT-220/1
<input type="checkbox"/>	3146 - Log. Per. Antenna 200 – 1000 MHz	NT-131	<input type="checkbox"/>	TPS 2014 Digital scope	NT-222
<input type="checkbox"/>	VULB 9163 Trilog Antenna 30 – 3000 MHz	NT-131/1	<input type="checkbox"/>	Artificial Ear according to IEC 60318	NT-224
<input type="checkbox"/>	Loop Antenna H-Field	NT-132	<input type="checkbox"/>	1 kHz Sound calibrator	NT-225
<input type="checkbox"/>	Horn Antenna 500 MHz - 2900 MHz	NT-133	<input type="checkbox"/>	B10 - Harmonics and flicker analyzer	NT-232
<input type="checkbox"/>	Horn Antenna 500 MHz - 6000 MHz	NT-133/1	<input type="checkbox"/>	SRM-3006 Spectrumalyzer	NT-233/1a
<input type="checkbox"/>	Log. per. Antenna 800 MHz - 2500 MHz	NT-134	<input type="checkbox"/>	E-field probe SRM 75 MHz – 3 GHz	NT-234
<input type="checkbox"/>	Log. per. Antenna 800 MHz - 2500 MHz	NT-135	<input type="checkbox"/>	Field Meter NBM-500 incl. E- and H-Field probes	NT-240a-e
<input type="checkbox"/>	BiConiLog Antenna 26 MHz – 2000 MHz	NT-137	<input type="checkbox"/>	Magnetometer HP-01	NT-241/1
<input type="checkbox"/>	Conical Dipol Antenna PCD8250	NT-138	<input type="checkbox"/>	EFA-3 H-field- / E-field probe	NT-243
<input type="checkbox"/>	HF 906 - Horn Antenna 1 - 18 GHz (emission)	NT-139	<input type="checkbox"/>	EHP-50F H-field- / E-field probe	NT-243/1
<input type="checkbox"/>	HZ-1 Antenna tripod	NT-150	<input type="checkbox"/>	Field Meter EMR-200 100 kHz – 3 GHz	NT-244
<input type="checkbox"/>	BN 1500 Antenna tripod	NT-151	<input type="checkbox"/>	E-field probe 100 kHz – 3 GHz	NT-245
<input type="checkbox"/>	Ant. tripod for EN61000-4-3 Model TP1000A	NT-156	<input type="checkbox"/>	H-field probe 300 kHz – 30 MHz	NT-246

Division:
Industry & Energy

Department: FG

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Appendix 1 (continued)

Test equipment used

<input type="checkbox"/>	E-field probe 3 MHz – 18 GHz	NT-247	<input type="checkbox"/>	500W1000M7 - RF-Amplifier 80 - 1000 MHz / 500 W	NT-332
<input type="checkbox"/>	H-field probe 27 MHz – 1 GHz	NT-248	<input type="checkbox"/>	AS0102-65R - RF-Amplifier 1 GHz - 2 GHz	NT-333
<input type="checkbox"/>	ELT-400 1 Hz – 400 kHz	NT-249	<input type="checkbox"/>	APA01 – RF-Amplifier 0,5 GHz – 2,5 GHz	NT-334
<input type="checkbox"/>	MDS 21 - Absorbing clamp 30 - 1000 MHz	NT-250	<input type="checkbox"/>	Preamplifier 1 GHz - 4 GHz	NT-335
<input type="checkbox"/>	FCC-203I EM Injection clamp	NT-251	<input type="checkbox"/>	Preamplifier for GPS MKU 152 A	NT-336
<input type="checkbox"/>	FCC-203I-DCN Ferrite decoupling network	NT-252	<input type="checkbox"/>	Preamplifier 1 GHz – 18 GHz	NT-337/1
<input type="checkbox"/>	PR50 Current Probe	NT-253	<input type="checkbox"/>	DC Block 10 MHz – 18 GHz Model 8048	NT-338
<input type="checkbox"/>	i310s Current Probe	NT-254/1	<input type="checkbox"/>	2-97201 Electronic load	NT-341
<input type="checkbox"/>	Fluke 87 V True RMS Multimeter	NT-260	<input type="checkbox"/>	TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-344
<input type="checkbox"/>	Model 2000 Digital Multimeter	NT-261	<input type="checkbox"/>	TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-345
<input type="checkbox"/>	Fluke 87 V Digital Multimeter	NT-262/1	<input type="checkbox"/>	VDS 200 Mobil-impuls-generator	NT-350
<input type="checkbox"/>	ESH2-Z5-U1 Artificial mains network 4x25A	NT-300	<input type="checkbox"/>	LD 200 Mobil-impuls-generator	NT-351
<input type="checkbox"/>	ESH3-Z5-U1 Artificial mains network 2x10A	NT-301	<input type="checkbox"/>	MPG 200 Mobil-Impuls-Generators	NT-352
<input type="checkbox"/>	ESH3-Z6-U1 Artificial mains network 1x100A	NT-302	<input type="checkbox"/>	EFT 200 Mobil-impuls-generator	NT-353
<input type="checkbox"/>	ESH3-Z6-U1 Artificial mains network 1x100A	NT-302a	<input type="checkbox"/>	AN 200 S1 Artificial Network	NT-354
<input type="checkbox"/>	PHE 4500/B Power amplifier	NT-304	<input type="checkbox"/>	FP-EFT 32M 3 ph. Coupling filter (Burst)	NT-400/1
<input type="checkbox"/>	EZ10 T-Artificial Network	NT-305	<input type="checkbox"/>	PHE 4500 - Mains impedance network	NT-401
<input type="checkbox"/>	SMG - Signal generator 0,1 - 1000 MHz	NT-310	<input type="checkbox"/>	IP 6.2 Coupling filter for data lines (Surge)	NT-403
<input type="checkbox"/>	SMA100A - Signal generator 9 kHz - 6 GHz	NT-310/1	<input type="checkbox"/>	TK 9421 High Power Volt. Probe 150 kHz - 30 MHz	NT-409
<input type="checkbox"/>	RefRad Reference generator	NT-312	<input type="checkbox"/>	ESH2-Z3 - Probe 9 kHz - 30 MHz	NT-410
<input type="checkbox"/>	SMP 02 Signal generator 10 MHz - 20 GHz	NT-313	<input type="checkbox"/>	IP 4 - Capacitive clamp (Burst)	NT-411
<input type="checkbox"/>	40 MHz Arbitrary Generator TGA1241	NT-315	<input type="checkbox"/>	Highpass-Filter 100 MHz – 3 GHz	NT-412
<input type="checkbox"/>	Artificial mains network NSLK 8127-PLC	NT-316	<input type="checkbox"/>	Highpass-Filter 600 MHz – 4 GHz	NT-413
<input type="checkbox"/>	PSURGE 4.1 Surge generator	NT-324	<input type="checkbox"/>	Highpass-Filter 1250 MHz – 4 GHz	NT-414
<input type="checkbox"/>	IMU4000 Immunity test system	NT-325/1	<input type="checkbox"/>	Highpass-Filter 1800 MHz – 16 GHz	NT-415
<input type="checkbox"/>	VCS 500-M6 Surge-Generator	NT-326			
<input type="checkbox"/>	Oscillatory Wave Simulator incl. Coupling networks	NT-328a+b+c			
<input type="checkbox"/>	BTA-250 - RF-Amplifier 9 kHz - 220 MHz / 250 W	NT-330			
<input type="checkbox"/>	T82-50 RF-Amplifier 2 GHz – 8 GHz	NT-331			

Division:
Industry & Energy

Department: FG

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Appendix 1 (continued) Test equipment used

			Division: Industry & Energy
<input type="checkbox"/>	Highpass-Filter 3500 MHz – 18 GHz	NT-416	NT-461
<input type="checkbox"/>	RF-Attenuator 10 dB DC – 18 GHz / 50 W	NT-417/1	NT-462
<input type="checkbox"/>	RF-Attenuator 6 dB DC – 18 GHz / 50 W	NT-418	NT-463
<input type="checkbox"/>	RF-Attenuator 3 dB DC – 18 GHz / 50 W	NT-419	NT-464
<input type="checkbox"/>	RF-Attenuator 20 dB DC - 1000 MHz / 25 W	NT-421	NT-465/1
<input type="checkbox"/>	RF-Attenuator 30 dB DC - 1000 MHz / 1 W	NT-423	NT-468
<input type="checkbox"/>	RF-Attenuator 30 dB	NT-424	NT-471
<input type="checkbox"/>	RF-Attenuator 6 dB DC - 1000 MHz / 1 W	NT-425	NT-480
<input type="checkbox"/>	RF-Attenuator 6 dB DC - 1000 MHz / 1 W	NT-426	NT-481 - NT-483
<input type="checkbox"/>	RF-Attenuator 6 dB	NT-428	NT-484
<input type="checkbox"/>	RF-Attenuator 0 dB - 81 dB	NT-429	NT-511/1
<input type="checkbox"/>	WRU 27 - Band blocking 27 MHz	NT-430	NT-520
<input type="checkbox"/>	WHJ450C9 AA - High pass 450 MHz	NT-431	NT-520/1
<input type="checkbox"/>	WHJ250C9 AA - High pass 250 MHz	NT-432	NT-522
<input type="checkbox"/>	RF-Load 150 W	NT-433	NT-522/1
<input type="checkbox"/>	Impedance transducer 1:4 ; 1:9 ; 1:16	NT-435	NT-525
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 6 dB	NT-436	NT-530
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 6 dB	NT-437	NT-531
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 10 dB	NT-438	NT-553
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 20 dB	NT-439	NT-554
<input type="checkbox"/>	I+P 7780 Directional coupler 100 - 2000 MHz	NT-440	NT-555 + NT-556
<input type="checkbox"/>	ESH3-Z2 - Pulse limiter 9 kHz - 30 MHz	NT-441	NT-559
<input type="checkbox"/>	Power Divider 6 dB/1 W/50 Ohm	NT-443	NT-580
<input type="checkbox"/>	Directional coupler 0,1 MHz – 70 MHz	NT-444	NT-581
<input type="checkbox"/>	Directional coupler 0,1 MHz – 70 MHz	NT-445	NT-584
<input type="checkbox"/>	Tube imitations according to EN 55015	NT-450	NT-592
<input type="checkbox"/>	FCC-801-M3-16A Coupling decoupling network	NT-458	NT-600
<input type="checkbox"/>	FCC-801-M2-50A Coupling decoupling network	NT-459	M-1200
<input type="checkbox"/>	FCC-801-M5-25 Coupling decoupling network	NT-460	
<input type="checkbox"/>	FCC-801-AF10 Coupling decoupling network		NT-461
<input type="checkbox"/>	FCC-801-S25 Coupling decoupling network		NT-462
<input type="checkbox"/>	FCC-801-T4 Coupling decoupling network		NT-463
<input type="checkbox"/>	FCC-801-C1 Coupling decoupling network		NT-464
<input type="checkbox"/>	SW 9605 - Current probe 150 kHz – 30 MHz		NT-465/1
<input type="checkbox"/>	95242-1 – Current probe 1 MHz – 400 MHz		NT-468
<input type="checkbox"/>	94106-1L-1 – Current probe 100 kHz – 450 MHz		NT-471
<input type="checkbox"/>	GA 1240 Power amplifier according to EN 61000-4-16		NT-480
<input type="checkbox"/>	Coupling networks according to EN 61000-4-16		NT-481 - NT-483
<input type="checkbox"/>	Van der Hoofden Test Head		NT-484
<input type="checkbox"/>	EMC Video/Audiosystem		NT-511/1
<input type="checkbox"/>	ES-K1 Version 1.71 SP2 Test software		NT-520
<input type="checkbox"/>	EMC32 Version 10.60.20 Test software		NT-520/1
<input type="checkbox"/>	SRM-TS Version 1.3 software for SRM-3000		NT-522
<input type="checkbox"/>	SRM-TS Version 1.3.1 software for SRM-3006		NT-522/1
<input type="checkbox"/>	Spitzenberger und Spies Test software V4.1		NT-525
<input type="checkbox"/>	Noise power test apparatus according to EN 55014		NT-530
<input type="checkbox"/>	Vertical coupling plane (ESD)		NT-531
<input type="checkbox"/>	Test cable #4 for EN 61000-4-6		NT-553
<input type="checkbox"/>	Test cable #3 for conducted emission		NT-554
<input type="checkbox"/>	Test cable #5+#6 ESD-cable (2x470k)		NT-555 + NT-556
<input type="checkbox"/>	Test cable #8 Sucoflex 104EA		NT-559
<input type="checkbox"/>	Test cable #9 (for outdoor measurements)		NT-580
<input type="checkbox"/>	Test cable #10 (for outdoor measurements)		NT-581
<input type="checkbox"/>	Test cable #13 Sucoflex 104PE		NT-584
<input type="checkbox"/>	Test cable #21 for SRM-3000		NT-592
<input type="checkbox"/>	Shield chamber		NT-600
<input type="checkbox"/>	Climatic chamber		M-1200

Appendix 1 (continued)

Test equipment used

<input type="checkbox"/>	Anechoic Chamber 3 m / 5 m measuring distance	EMV-100	<input type="checkbox"/>	Log.per Antenna 0,7 – 9 GHz STLP9149	EMV-305
<input type="checkbox"/>	Turntabel 6 m diameter	EMV-101	<input type="checkbox"/>	HF- Amplifier 9 kHz-250 MHz BBA150 (low noise)	EMV-306
<input type="checkbox"/>	Antenna mast + controller	EMV-102+ EMV-103	<input type="checkbox"/>	ISO11451-2 TLS 10 kHz – 30 MHz	EMV-307
<input type="checkbox"/>	EMC Video/Audiosystem	EMV-104	<input type="checkbox"/>	Load Dump Generator LD 200N	EMV-350
<input type="checkbox"/>	EMC Software EMC32 Version 10.60.20	EMV-105	<input type="checkbox"/>	Ultra Compact Symulator UCS 200N100	EMV-351
<input type="checkbox"/>	Hornantenna 1 – 18 GHz HF 907	EMV-110	<input type="checkbox"/>	Automotive Power fail module PFM 200N100.1	EMV-352
<input type="checkbox"/>	Antennapre.amp. 1 – 18 GHz ERZ-LNA0200-1800-30-2	EMV-111	<input type="checkbox"/>	Voltage Drop Symulator VDS 200Q100	EMV-353
<input type="checkbox"/>	Trilog Antenna 30-3000 MHz VULB9163	EMV-112	<input type="checkbox"/>	Arb. Generator AutoWave	EMV-354
<input type="checkbox"/>	Monopol 9 kHz – 30 MHz VAMP 9243	EMV-113	<input type="checkbox"/>	Ultra Compact Symulator UCS 500N7	EMV-355
<input type="checkbox"/>	Antennapre.amp 18 – 40 GHz BBV 9721	EMV-114	<input type="checkbox"/>	Coupling decoupling network CNI 503B7 / 32 A	EMV-356
<input type="checkbox"/>	Hornantenna 200 – 2000 MHz AH-220	EMV-115	<input type="checkbox"/>	Coupling decoupling network CNI 503B7 / 63 A	EMV-357
<input type="checkbox"/>	DC Artificial Network PVDC 8300	EMV-150	<input type="checkbox"/>	Telecom Surge Generator TSurge 7	EMV-358
<input type="checkbox"/>	AC Artificial Network NNLK 8121 RC	EMV-151	<input type="checkbox"/>	Coupling decoupling network CNI 508N2	EMV-359
<input type="checkbox"/>	EMI Receiver ESW44	EMV-200/1	<input type="checkbox"/>	Coupling decoupling network CNV 504N2.2	EMV-360
<input type="checkbox"/>	Signalgenerator 9 kHz – 40 GHz N5173B	EMV-201	<input type="checkbox"/>	Immunity generator NSG4060/NSG4060-1	EMV-361
<input type="checkbox"/>	GPS Frequency normal B-88	EMV-202	<input type="checkbox"/>	Coupling network CDND M316-2	EMV-362
<input type="checkbox"/>	DC Power supply N5745A	EMV-203	<input type="checkbox"/>	Coupling network CT419-5	EMV-363
<input type="checkbox"/>	Spektrum Analyzator FSV40	EMV-205	<input type="checkbox"/>	ESD Generator NSG 437	EMV-364
<input type="checkbox"/>	Thd Multimeter Model 2015	EMV-206	<input type="checkbox"/>	Pulse Limiter VTSD 9561-F BNC	EMV-405
<input type="checkbox"/>	Poweramplifier PAS15000	EMV- 207/abc	<input type="checkbox"/>	Transient emission BSM200N40+BS200N100	EMV- 450+451
<input type="checkbox"/>	Inrush Current Source	EMV- 208/abc	<input type="checkbox"/>	Cap. Coupling Clamp HFK	EMV-455
<input type="checkbox"/>	Arb.-generator Sycore	EMV-209	<input type="checkbox"/>	Mag. Field System MS100N+MC26100+MC2630	EMV- 456-458
<input type="checkbox"/>	Harmonics/Flicker analyzer ARS 16/3	EMV-210	<input type="checkbox"/>	Coupling network CDN M2-100A	EMV-459
<input type="checkbox"/>	HF- Amplifier 9 kHz-225 MHz BBL200	EMV-300/1	<input type="checkbox"/>	Coupling network CDN M3-32A	EMV-460
<input type="checkbox"/>	HF- Amplifier 80 -1000 MHz BBA150	EMV-301	<input type="checkbox"/>	Coupling network CDN M5-100A	EMV-461
<input type="checkbox"/>	HF- Amplifier 0,8 - 6 GHz BBA150	EMV-302	<input type="checkbox"/>	Current Clamp CIP 9136A	EMV-462
<input type="checkbox"/>	High Power Ant. 20-200 MHz HPBA-2510	EMV-303/1	<input type="checkbox"/>	DC Artificial Network HV-AN 150	EMV- 464+465
<input type="checkbox"/>	Log.per Antenna 80-2700 MHz STLP 9128 E special	EMV-304	<input type="checkbox"/>	Coupling Clamp EM 101	EMV-466
			<input type="checkbox"/>	Decoupling Clamp FTC 101	EMV-467
			<input type="checkbox"/>	Power attenuator 10 dB / 250 Watt	EMV-469/2

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Appendix 2 Photodocumentation

Description: Total view

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Appendix 2 Photodocumentation

Description: Detail view #1

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Appendix 2 Photodocumentation

Description: Detail view #2

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Department: FG

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Appendix 2 Photodocumentation

Description: Case opened

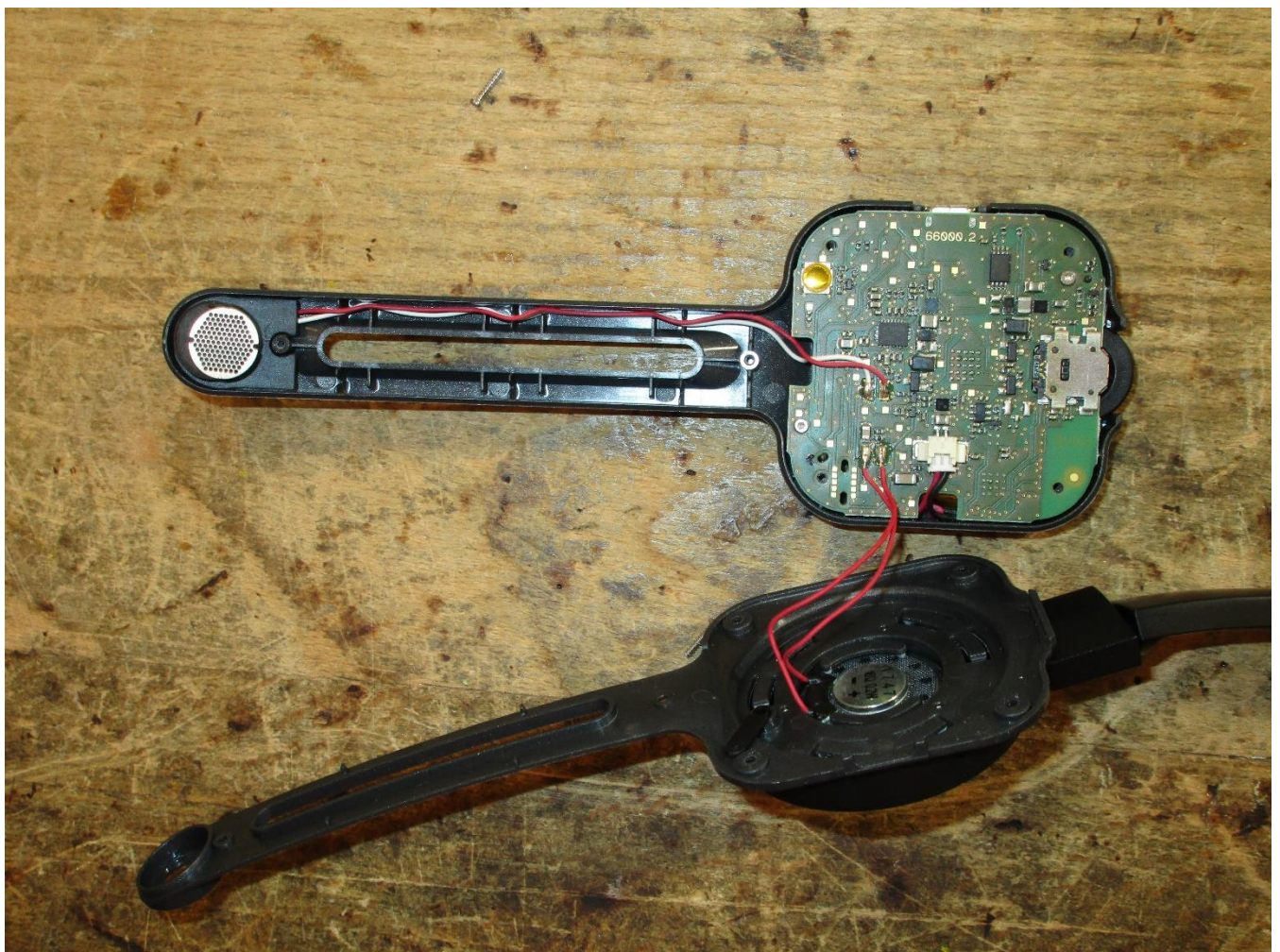
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Appendix 2 Photodocumentation

Description: Electronics view #1

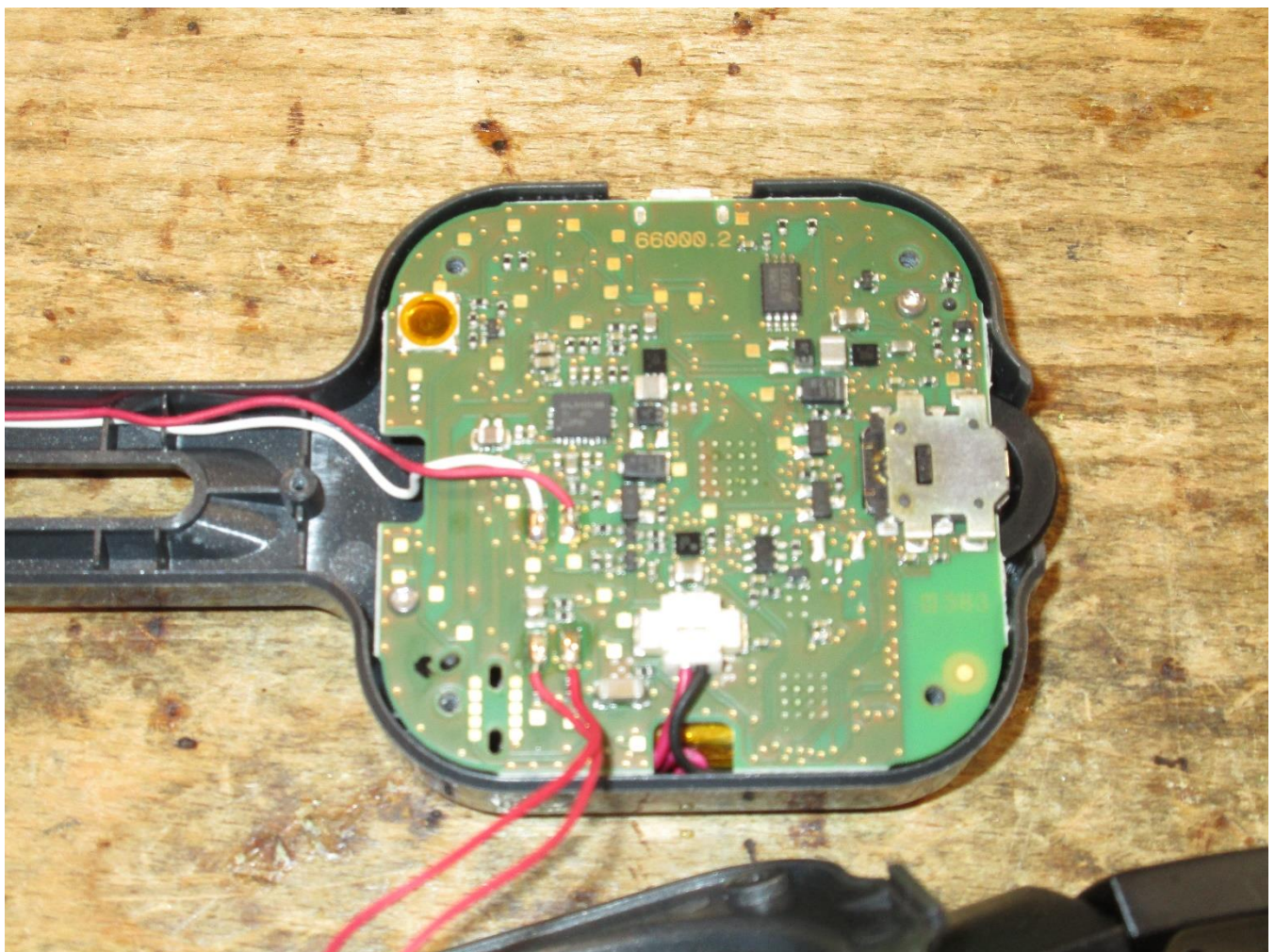
Division:
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Appendix 2 Photodocumentation

Description: Electronics view #2

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Appendix 2 Photodocumentation

Description: Test setup below 30 MHz charging mode

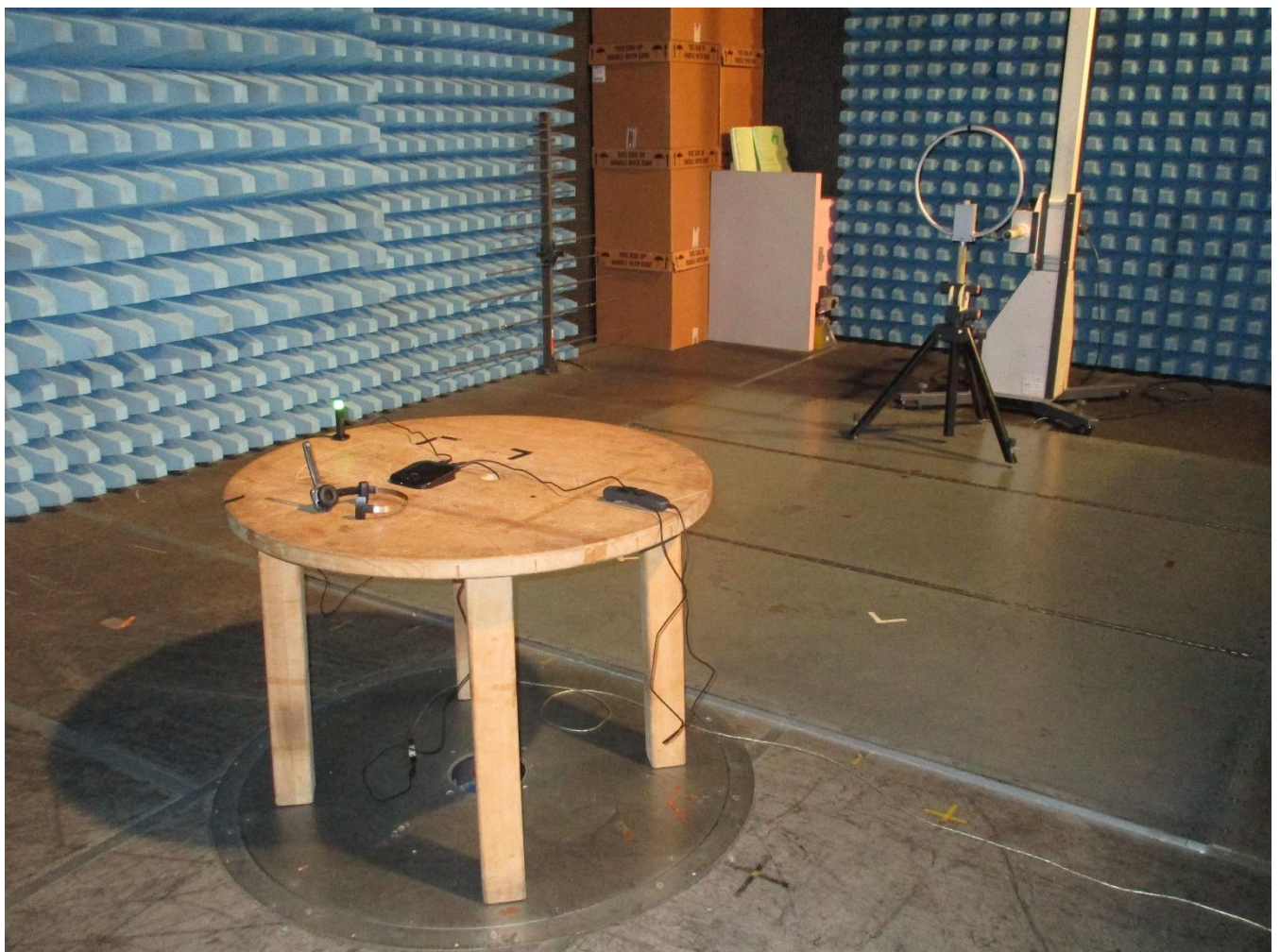
Division:
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Appendix 2 Photodocumentation

Description: Test setup below 30 MHz not charging mode

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Appendix 2 Photodocumentation

Description: Test setup above 30 MHz

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--- END OF TEST REPORT ---