

Annex 1 to  
**TEST REPORT**  
No.: 19-1-0134401T08a

According to:  
**CFR Title 47, Part 15, Subpart B**  
§15.109(DSSS)

for

Simavita (Aust) Pty Ltd

SMARTZ POD 8000

Portable Bluetooth Data Logger

FCC ID: SBG-8000-POD

Laboratory Accreditation and Listings



Accredited EMC-Test Laboratory

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

## Table of Contents

<b>1. Radiated field strength measurements accord. §15.109 &amp; RSS Gen .....</b>	<b>3</b>
1.1. Field strength measurements 30 MHz < f < 1 GHz .....	3
1.2. Field strength measurements 1 GHz < f < 16 GHz .....	4

# 1. Radiated field strength measurements accord. §15.109 & RSS Gen

## 1.1. Field strength measurements 30 MHz < f < 1 GHz

### 3.01\_FCC\_15B

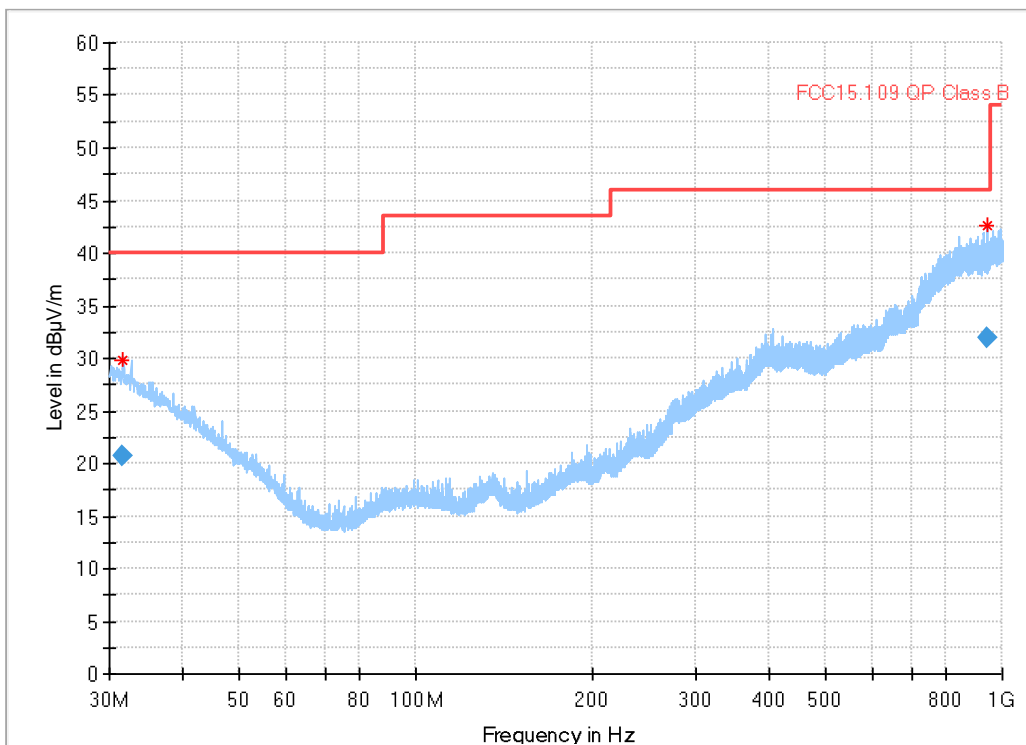
#### Common Information

Test Description:	Electric Field Strength Measurement
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Version of Testsoftware:	EMC32 V9.25.0
Distance correction:	not used
Operating mode:	Advertising mode
Technical Data:	please see page 2 for detailed data of measurement setup
Test Standard.:	FCC 15.109 Class B; RSS-Gen. Issue 5
Operator:	TFra
Environmental Conditions.:	Humidity : 54.4% rH; Temperature: 21.8° C
EUT Setup:	
Verdict:	Passed

#### EUT Information

PMT number:	19-1-01344S08
Manufacturer:	Simavita (Aust) Pty Ltd
Product:	Portable Bluetooth Data Logger
Model:	SMARTZ POD 8000
HW version:	03
SW version:	1.0.4
Connected Interfaces:	Device connected to Diaper
Power Supply:	3 V Battery

Full Spectrum



#### Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.620000	20.77	40.00	19.23	120.000	296.0	H	110.0	20.8
945.140000	31.93	46.00	14.07	120.000	155.0	V	146.0	27.1

## 1.2. Field strength measurements 1 GHz < f < 16 GHz

### 4.01\_FCC\_15B

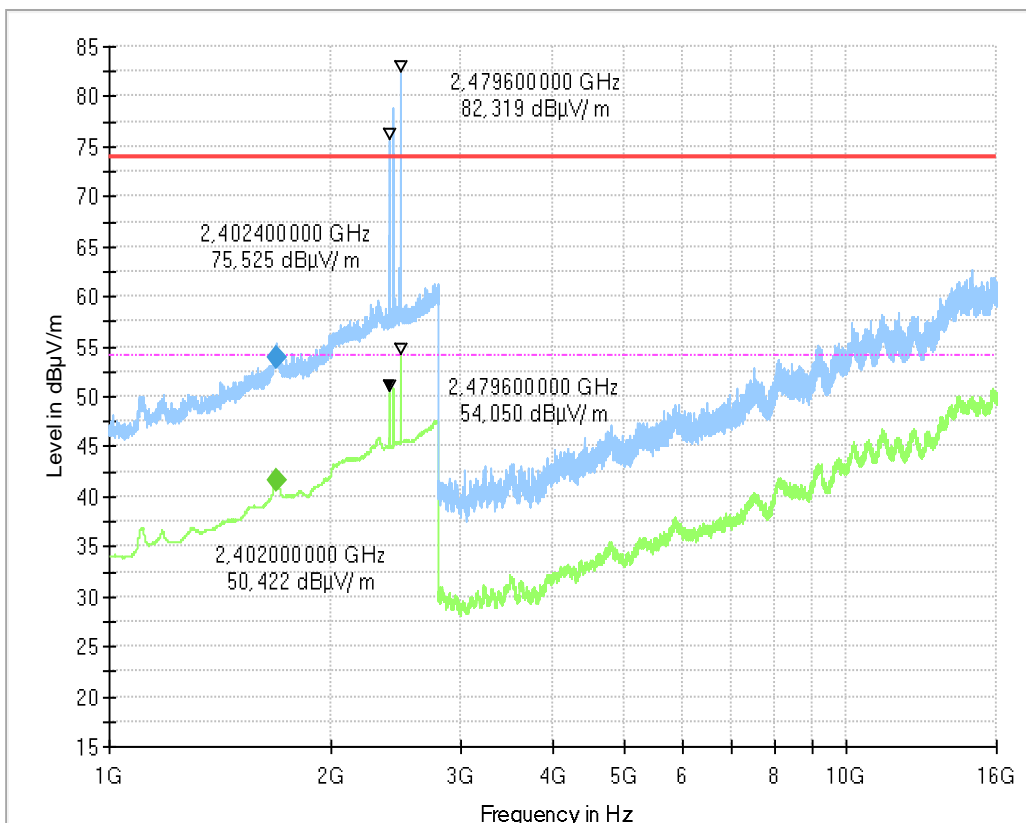
#### Common Information

Test Description:	Radiated Filed Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Room (FAR1)
Test Standard:	FCC 15.109 Class B; RSS-Gen. Issue 5
Operating Mode:	Advertising mode
Environmental Conditions::	Humidity : 52% rH; Temperature: 20° C
Operator:	MKh/RAbdurrahi
Verdict:	Passed

#### EUT Information

PMT number:	19-1-01344S08
Manufacturer:	Simavita (Aust) Pty Ltd
Product:	Portable Bluetooth Data Logger
Model:	SMARTZ POD 8000
HW version:	03
SW version:	1.0.4
Connected Interfaces:	Device connected to Diaper
Power Supply:	3 V Battery

Full Spectrum



**Remarks:** During the measurement Bluetooth can not be turned off. The carrier can be seen here in the diagram from 2402 MHz to 2480 MHz.

#### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Azimuth (deg)	Elevation (deg)	Corr. (dB/m)
1685.100000	---	54.00	12.39	100.0	1000.000	V	145.0	90.0	34
1685.700000	53.84	74.00	20.16	100.0	1000.000	V	296.0	90.0	34