

METES-EMS series

Immunity Test Software

Overview

Immunity Test Automation Software for each EMC regulations, .

EMS series line-up

- METES-EMS-RI Radiated Immunity Test
- METES-EMS-CI Conducted Immunity Test
- METES-EMS-TEM TEM Cell method Test
- METES-UNI Electric Field Uniformity Test
- METES-EMS-MFT Magnetic Field Immunity Test
- METES-EMS-TPL Tri-Plate Immunity Test
- METES-EMS-BCI BCI Immunity Test
- METES-EMS-NFT Near Field Immunity Test

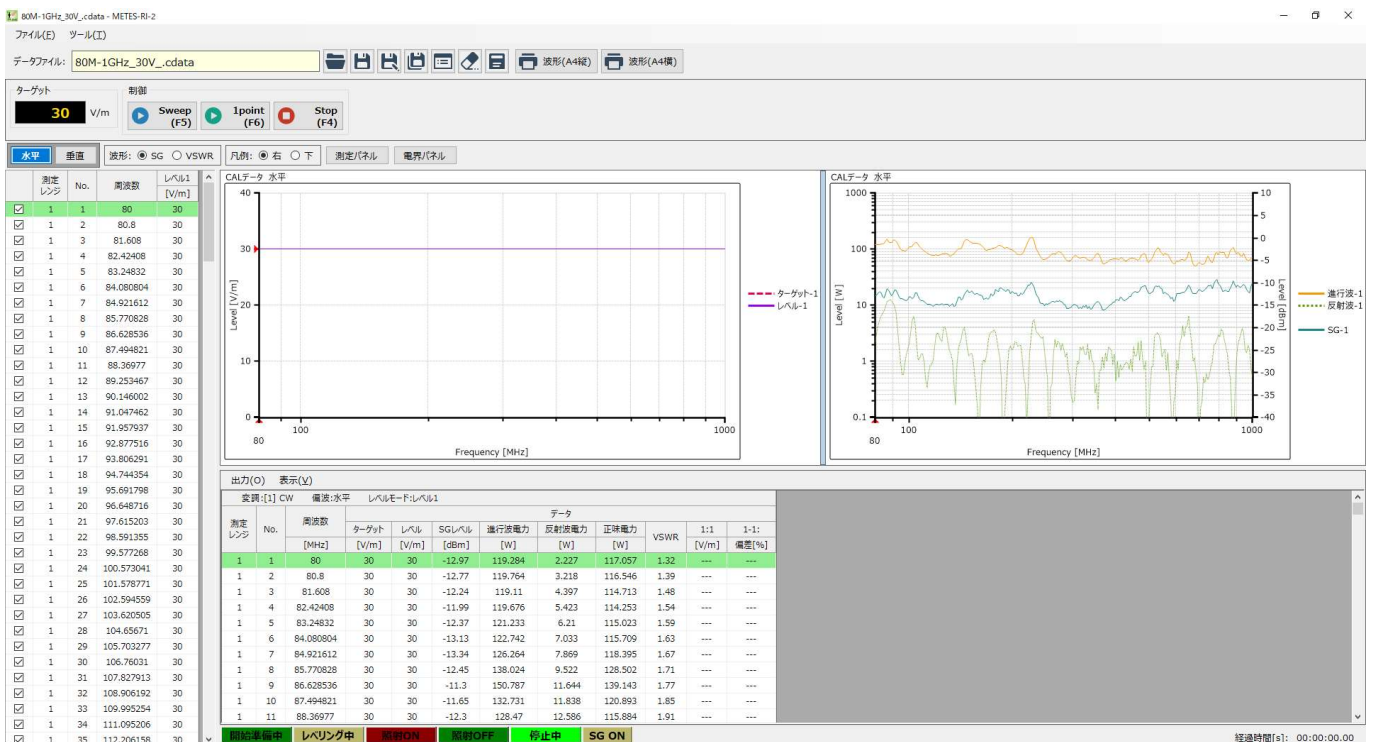
Features

Latest Windows OS : Data translation via USB or LAN between PC and measurement equipment, available to deal with big data from brand-new equipment quickly. User enable to achieve to reduce the measurement times, to protect data lost during the operation.

3 stage licenses ; Enable to manage users under the 3stage licenses for the protection several important setting, any factors changes.

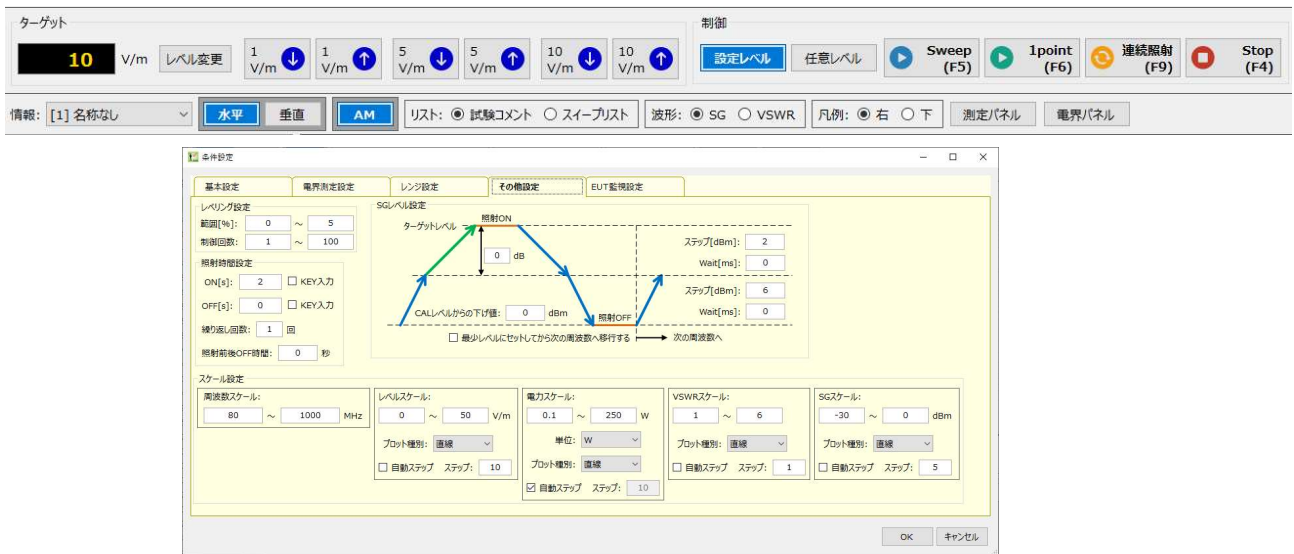
Multi-modulation setting : Enable to reduce the test time due to apply the multi-modulated signal every a frequency.

Detect Malfunction : By working together Current/Voltage meters, enable to detect Malfunction. Option is available the Visual indication, linked to users' monitor system, etc. as demanded.



Flexible to support any Test level

Even if any level setting except for Calibration, enable to recognize the actual performance test, to monitor the Signal Generator to avoid the error at levelling.



Multi operation of Electric Field sensors

Max. 8 sensors operation, which enable to build the Uniformity and reduce the measurement time.

Simplification file manage

Enable to store into one file for multi ETU setting mode, easy to file manage.

(Others) BCI injection probe positions, 750mm·450mm·150mm each for data
 ... total 3 files

(MATES-EMS) Store into one file, the data of 750mm·450mm·150mm each for

(Others) Data file each for surface (Front, back, side, up/down) of ETU
 ...total 6 files

(MATES-EMS) Store into one file for those 6 data files

Enable to set multi-target levels of test/calibration conditions into a file

(Others) 200V/m, 100V/m, 60V/m each for conditions

(MATES-EMS) Set into a file 200V/m, 100V/m, 60V/m conditions, (max. 6 levels)

Data manage of Calibration & Test

Enable to store, print and output as the Excel or CSV format of the any record, signal levels, voltage powers, memos, etc. of Calibration / Test.

出力(O) 表示(V)											
変調:[1] AM 偏波:水平 レベルモード:レベル1											
測定レンジ	No.	周波数 [MHz]	データ								
			ターゲット [V/m]	レベル [V/m]	SGレベル [dBm]	進行波電力 [W]	反射波電力 [W]	正味電力 [W]	VSWR	1:1 [V/m]	1-1: 偏差[%]
1	1	80	30	30	-12.97	119.284	2.227	117.057	1.32	---	---
1	2	80.8	30	30	-12.77	119.764	3.218	116.546	1.39	---	---
1	3	81.608	30	30	-12.24	119.11	4.397	114.713	1.48	---	---
1	4	82.42408	30	30	-11.99	119.676	5.423	114.253	1.54	---	---
1	5	83.24832	30	30	-12.37	121.233	6.21	115.023	1.59	---	---
1	6	84.080804	30	30	-13.13	122.742	7.033	115.709	1.63	---	---
1	7	84.921612	30	30	-13.34	126.264	7.869	118.395	1.67	---	---
1	8	85.770828	30	30	-12.45	138.024	9.522	128.502	1.71	---	---