



### Impedance Measurement Plot

7.00	dB \$11	Sw <u>e</u> ep	T		1	1		1:	2.450000 GHz	-24.215 dE
2.00	08 511							2.	2.550000 GHz	-24.210.00
								> 3;	2.600000 GHz	-20.760 dE
-3.00						-	-	4:	2.650000 GHz	-19.626 dE
8.00		-						- 5		-15.346.dF
-13.00								-		
-18.00							1			
-10.00	•	-			-					
23.00						4				
-28.00				2	2					
-33.00							-			
-38.00										
43.00	Ch 1 Avg =						1			
Ch1:	Start 2.10000	GHz —							Stop	3.10000 GH
								4.		
							<u>\</u>	1:	2.450000 GHz	44.316 (
						F	A	1:		44.316 ( 1.1823 (
				/		F	A		2.450000 GHz 76.801 pH	44.316 ( 1.1823 ( 57.002 (
						F	A A		2.450000 GHz 76.801pH 2.550000 GHz 240.74pH 2.600000 GHz	44.316 ( 1.1823 ( 57.002 ( 3.8571 ( 59.518 (
					X	E		2: >3:	2.450000 GHz 76.801 pH 2.550000 GHz 240.74 pH 2.600000 GHz 13.190 pF	44.316 ( 1.1823 ( 57.002 ( 3.8571 ( 59.518 ( -3.1898 (
				4	X	F X		2:	2.450000 GHz 76.801 pH 2.550000 GHz 240.74 pH 2.600000 GHz 15.190 pF 2.650000 GHz	44.316 ( 1.1823 ( 57.002 ( 3.8571 ( 59.518 ( -3.1898 ( 55.331 (
				6	X	E C C C C C C C C C C C C C C C C C C C		2: >3: 4:	2.450000 GHz 76.801 pH 2.550000 GHz 240.74 pH 2.600000 GHz 13.190 pF 2.650000 GHz 6.2104 pF	44.316 0 1.1823 0 57.002 0 3.8571 0 59.518 0 -3.1898 0 55.331 0 -9.6706 0
				6				2: >3:	2.450000 GHz 76.801 pH 2.550000 GHz 2.40,74 pH 2.800000 GHz 19.190 pF 2.850000 GHz 6.2104 pF 2.750000 GHz	44.316 ( 1.1823 ( 57.002 ( 3.8571 ( 59.518 ( -3.1898 ( 55.331 ( -9.6706 ( 40.981 (
				6	X			2: >3: 4:	2.450000 GHz 76.801 pH 2.550000 GHz 240.74 pH 2.600000 GHz 13.190 pF 2.650000 GHz 6.2104 pF	44.316 ( 1.1823 ( 57.002 ( 3.8571 ( 59.518 ( -3.1898 ( 55.331 ( -9.6706 ( 40.981 (
				<u> </u>	X			2: >3: 4:	2.450000 GHz 76.801 pH 2.550000 GHz 2.40,74 pH 2.800000 GHz 19.190 pF 2.850000 GHz 6.2104 pF 2.750000 GHz	44.316 ( 1.1823 ( 57.002 ( 3.8571 ( 59.518 ( -3.1898 ( 55.331 ( -9.6706 ( 40.981 (
					X			2: >3: 4:	2.450000 GHz 76.801 pH 2.550000 GHz 2.40,74 pH 2.800000 GHz 19.190 pF 2.850000 GHz 6.2104 pF 2.750000 GHz	44.316 ( 1.1823 ( 57.002 ( 3.8571 ( 59.518 ( -3.1898 ( 55.331 ( -9.6706 ( 40.981 (
					X			2: >3: 4:	2.450000 GHz 76.801 pH 2.550000 GHz 2.40,74 pH 2.800000 GHz 19.190 pF 2.850000 GHz 6.2104 pF 2.750000 GHz	44.316 ( 1.1823 ( 57.002 ( 3.8571 ( 59.518 ( -3.1898 ( 55.331 ( -9.6706 ( 40.981 (
	Ch 1 Avg =				X			2: >3: 4:	2.450000 GHz 76.801 pH 2.550000 GHz 2.40,74 pH 2.800000 GHz 19.190 pF 2.850000 GHz 6.2104 pF 2.750000 GHz	44.316 ( 1.1823 ( 57.002 ( 3.8571 ( 59.518 ( -3.1898 ( 55.331 ( -9.6706 ( 40.981 (
Ch1:	Ch 1 Avg = Start 2.10000		_		X			2: >3: 4:	2,450000 GHz 76.801 pH 2,550000 GHz 240,74 pH 2,650000 GHz 19,190 pF 2,650000 GHz 6,2104 pF 2,750000 GHz 4,5028 pF	44.316 0 1.1823 0 57.002 0 3.8571 0 59.518 0 -3.1898 0 55.331 0

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### **DASY5 E-field Result**

Date: 24.08.2021

Test Laboratory: SPEAG Lab2

#### DUT: HAC Dipole 2600 MHz; Type: CD2600V3; Serial: CD2600V3 - SN: 1017

Communication System: UID 0 - CW ; Frequency: 2600 MHz Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup> Phantom section: RF Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

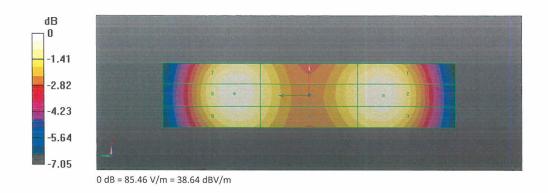
- Probe: EF3DV3 SN4013; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 28.12.2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn781; Calibrated: 23.12.2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1070
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

# Dipole E-Field measurement @ 2600MHz/E-Scan - 2600MHz d=15mm/Hearing Aid Compatibility Test (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm Reference Value = 67.89 V/m; Power Drift = 0.01 dB Applied MIF = 0.00 dB RF audio interference level = 38.64 dBV/m Emission category: M2

#### MIF scaled E-field

Grid 1 M2	Grid 2 M2	Grid 3 M2
	38.59 dBV/m	
Grid 4 M2	Grid 5 M2	Grid 6 <b>M2</b>
37.84 dBV/m	37.9 dBV/m	37.76 dBV/m
Grid 7 <b>M2</b>	Grid 8 <b>M2</b>	Grid 9 <b>M2</b>
38.53 dBV/m	38.64 dBV/m	38.39 dBV/m



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## The photos of HAC test are presented in the additional document:

Appendix to test report No.I21Z62337-SEM01/02

The photos of HAC test