Test Laboratory: SPEAG, Zurich, Switzerland

## DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN: 1060

Communication System: UID 0 - CW; Frequency: 5200 MHz , Frequency: 5250 MHz , Frequency: 5300
MHz, Frequency: 5500 MHz , Frequency: 5600 MHz , Frequency: 5750 MHz , Frequency: 5800 MHz
Medium parameters used: $\mathrm{f}=5200 \mathrm{MHz} ; \sigma=4.53 \mathrm{~S} / \mathrm{m} ; \varepsilon_{\mathrm{r}}=35.5 ; \rho=1000 \mathrm{~kg} / \mathrm{m}^{3}$,
Medium parameters used: $\mathrm{f}=5250 \mathrm{MHz} ; \sigma=4.60 \mathrm{~S} / \mathrm{m} ; \varepsilon_{\mathrm{r}}=35.5 ; \rho=1000 \mathrm{~kg} / \mathrm{m}^{3}$,
Medium parameters used: $\mathrm{f}=5300 \mathrm{MHz} ; \sigma=4.67 \mathrm{~S} / \mathrm{m} ; \varepsilon_{\mathrm{r}}=35.5 ; \rho=1000 \mathrm{~kg} / \mathrm{m}^{3}$,
Medium parameters used: $\mathrm{f}=5500 \mathrm{MHz} ; \sigma=4.89 \mathrm{~S} / \mathrm{m} ; \varepsilon_{\mathrm{r}}=35.4 ; \rho=1000 \mathrm{~kg} / \mathrm{m}^{3}$,
Medium parameters used: $\mathrm{f}=5600 \mathrm{MHz} ; \sigma=4.97 \mathrm{~S} / \mathrm{m} ; \varepsilon_{\mathrm{r}}=35.3 ; \rho=1000 \mathrm{~kg} / \mathrm{m}^{3}$,
Medium parameters used: $\mathrm{f}=5750 \mathrm{MHz} ; \sigma=5.08 \mathrm{~S} / \mathrm{m} ; \varepsilon_{\mathrm{r}}=35.1 ; \rho=1000 \mathrm{~kg} / \mathrm{m}^{3}$,
Medium parameters used: $\mathrm{f}=5800 \mathrm{MHz} ; \sigma=5.11 \mathrm{~S} / \mathrm{m} ; \varepsilon_{\mathrm{r}}=35.0 ; \rho=1000 \mathrm{~kg} / \mathrm{m}^{3}$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

## DASY52 Configuration:

- Probe: EX3DV4-SN3503; ConvF(5.8, 5.8, 5.8) @ $5200 \mathrm{MHz}, \operatorname{ConvF}(5.5,5.5,5.5) @ 5250 \mathrm{MHz}$, ConvF( $5.49,5.49,5.49$ ) @ $5300 \mathrm{MHz}, \operatorname{ConvF}(5.25,5.25,5.25) @ 5500 \mathrm{MHz}, \operatorname{ConvF}(5.1,5.1,5.1)$ @ $5600 \mathrm{MHz}, \operatorname{ConvF}(5.08,5.08,5.08)$ @ $5750 \mathrm{MHz}, \operatorname{ConvF}(5.01,5.01,5.01)$ @ 5800 MHz ; Calibrated: 07.03.2023
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 19.12.2022
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin $=100 \mathrm{~mW}$, dist $=10 \mathrm{~mm}, \mathrm{f}=5200 \mathrm{MHz} /$ Zoom Scan,
dist $=1.4 \mathrm{~mm}(8 x 8 x 7) /$ Cube 0: Measurement grid: $d x=4 \mathrm{~mm}, d y=4 \mathrm{~mm}, \mathrm{dz}=1.4 \mathrm{~mm}$
Reference Value $=76.08 \mathrm{~V} / \mathrm{m}$; Power Drift $=-0.08 \mathrm{~dB}$
Peak SAR $($ extrapolated $)=27.3 \mathrm{~W} / \mathrm{kg}$
$\operatorname{SAR}(1 \mathrm{~g})=\mathbf{7 . 9 2} \mathbf{W} / \mathrm{kg} ; \operatorname{SAR}(10 \mathrm{~g})=2.27 \mathrm{~W} / \mathrm{kg}$
Smallest distance from peaks to all points 3 dB below $=6.9 \mathrm{~mm}$
Ratio of SAR at M2 to SAR at M1 $=70.9 \%$
Maximum value of SAR $($ measured $)=18.0 \mathrm{~W} / \mathrm{kg}$
Dipole Calibration for Head Tissue/Pin $=100 \mathrm{~mW}$, dist=10mm, $f=5250 \mathrm{MHz} /$ Zoom Scan,
dist $=1.4 \mathrm{~mm}(8 x 8 x 7) /$ Cube 0: Measurement grid: $\mathrm{dx}=4 \mathrm{~mm}, \mathrm{dy}=4 \mathrm{~mm}, \mathrm{dz}=1.4 \mathrm{~mm}$
Reference Value $=75.90 \mathrm{~V} / \mathrm{m}$; Power Drift $=0.04 \mathrm{~dB}$
Peak SAR $($ extrapolated $)=26.7 \mathrm{~W} / \mathrm{kg}$
$\operatorname{SAR}(1 \mathrm{~g})=\mathbf{7 . 9 8} \mathbf{W} / \mathrm{kg} ; \operatorname{SAR}(10 \mathrm{~g})=\mathbf{2 . 2 9} \mathbf{W} / \mathrm{kg}$
Smallest distance from peaks to all points 3 dB below $=7.2 \mathrm{~mm}$
Ratio of SAR at M2 to SAR at M1 $=71.8 \%$
Maximum value of SAR $($ measured $)=18.0 \mathrm{~W} / \mathrm{kg}$

Dipole Calibration for Head Tissue/Pin $=100 \mathrm{~mW}$, dist $=10 \mathrm{~mm}, \mathrm{f}=5300 \mathrm{MHz} /$ Zoom Scan, dist $=1.4 \mathrm{~mm}(8 \times 8 \times 7) /$ Cube 0: Measurement grid: $\mathrm{dx}=4 \mathrm{~mm}, \mathrm{dy}=4 \mathrm{~mm}, \mathrm{dz}=1.4 \mathrm{~mm}$ Reference Value $=76.02 \mathrm{~V} / \mathrm{m}$; Power Drift $=0.08 \mathrm{~dB}$ Peak SAR $($ extrapolated $)=28.5 \mathrm{~W} / \mathrm{kg}$
$\operatorname{SAR}(1 \mathrm{~g})=8.24 \mathrm{~W} / \mathrm{kg} ; \operatorname{SAR}(10 \mathrm{~g})=\mathbf{2 . 3 5} \mathrm{W} / \mathrm{kg}$
Smallest distance from peaks to all points 3 dB below $=6.8 \mathrm{~mm}$
Ratio of SAR at M2 to SAR at M1 $=70.8 \%$
Maximum value of SAR (measured) $=18.8 \mathrm{~W} / \mathrm{kg}$
Dipole Calibration for Head Tissue $/$ Pin $=100 \mathrm{~mW}$, dist $=10 \mathrm{~mm}, \mathrm{f}=5500 \mathrm{MHz} /$ Zoom Scan, dist $=1.4 \mathrm{~mm}(8 \times 8 \times 7) /$ Cube 0: Measurement grid: $\mathrm{dx}=4 \mathrm{~mm}, \mathrm{dy}=4 \mathrm{~mm}, \mathrm{dz}=1.4 \mathrm{~mm}$
Reference Value $=75.86 \mathrm{~V} / \mathrm{m}$; Power Drift $=0.04 \mathrm{~dB}$
Peak SAR $($ extrapolated $)=32.2 \mathrm{~W} / \mathrm{kg}$
$\operatorname{SAR}(1 \mathrm{~g})=8.56 \mathrm{~W} / \mathrm{kg} ; \operatorname{SAR}(10 \mathrm{~g})=2.42 \mathrm{~W} / \mathrm{kg}$
Smallest distance from peaks to all points 3 dB below $=7.2 \mathrm{~mm}$
Ratio of SAR at M2 to SAR at M1 $=67.3 \%$
Maximum value of SAR $($ measured $)=20.1 \mathrm{~W} / \mathrm{kg}$
Dipole Calibration for Head Tissue/Pin $=100 \mathrm{~mW}$, dist $=10 \mathrm{~mm}, \mathrm{f}=5600 \mathrm{MHz} /$ Zoom Scan, dist $=1.4 \mathrm{~mm}(8 \times 8 \times 7) /$ Cube 0: Measurement grid: $\mathrm{dx}=4 \mathrm{~mm}, \mathrm{dy}=4 \mathrm{~mm}, \mathrm{dz}=1.4 \mathrm{~mm}$
Reference Value $=76.37 \mathrm{~V} / \mathrm{m}$; Power Drift $=0.04 \mathrm{~dB}$
Peak SAR $($ extrapolated $)=30.3 \mathrm{~W} / \mathrm{kg}$
$\operatorname{SAR}(1 \mathrm{~g})=\mathbf{8 . 3 8} \mathbf{W} / \mathrm{kg} ; \operatorname{SAR}(10 \mathrm{~g})=\mathbf{2 . 3 8} \mathbf{W} / \mathrm{kg}$
Smallest distance from peaks to all points 3 dB below $=7.2 \mathrm{~mm}$
Ratio of SAR at M2 to SAR at M1 $=68.5 \%$
Maximum value of SAR (measured) $=19.6 \mathrm{~W} / \mathrm{kg}$
Dipole Calibration for Head Tissue/Pin $=100 \mathrm{~mW}$, dist $=10 \mathrm{~mm}, \mathrm{f}=5750 \mathrm{MHz} /$ Zoom Scan, dist $=1.4 \mathrm{~mm}(8 \times 8 \times 7) /$ Cube 0: Measurement grid: $\mathrm{dx}=4 \mathrm{~mm}, \mathrm{dy}=4 \mathrm{~mm}, \mathrm{dz}=1.4 \mathrm{~mm}$
Reference Value $=73.46 \mathrm{~V} / \mathrm{m}$; Power Drift $=0.04 \mathrm{~dB}$
Peak SAR $($ extrapolated $)=30.9 \mathrm{~W} / \mathrm{kg}$
$\operatorname{SAR}(1 \mathrm{~g})=8.07 \mathrm{~W} / \mathrm{kg} ; \operatorname{SAR}(10 \mathrm{~g})=2.28 \mathrm{~W} / \mathrm{kg}$
Smallest distance from peaks to all points 3 dB below $=7.2 \mathrm{~mm}$
Ratio of SAR at M2 to SAR at M1 $=66.6 \%$
Maximum value of SAR $($ measured $)=19.3 \mathrm{~W} / \mathrm{kg}$
Dipole Calibration for Head Tissue/Pin $=100 \mathrm{~mW}$, dist $=10 \mathrm{~mm}, \mathrm{f}=5800 \mathrm{MHz} / \mathrm{Zoom}$ Scan,
dist $=1.4 \mathrm{~mm}(8 \times 8 \times 7) /$ Cube 0: Measurement grid: $d x=4 \mathrm{~mm}, \mathrm{dy}=4 \mathrm{~mm}, \mathrm{dz}=1.4 \mathrm{~mm}$
Reference Value $=74.09 \mathrm{~V} / \mathrm{m}$; Power Drift $=0.05 \mathrm{~dB}$
Peak SAR $($ extrapolated $)=31.5 \mathrm{~W} / \mathrm{kg}$
$\operatorname{SAR}(1 \mathrm{~g})=\mathbf{8 . 2 2} \mathbf{W} / \mathrm{kg} ; \operatorname{SAR}(10 \mathrm{~g})=\mathbf{2 . 3 2} \mathbf{W} / \mathrm{kg}$
Smallest distance from peaks to all points 3 dB below $=7.2 \mathrm{~mm}$
Ratio of SAR at M2 to SAR at M1 $=66.5 \%$
Maximum value of SAR (measured) $=19.6 \mathrm{~W} / \mathrm{kg}$


Impedance Measurement Plot for Head TSL (5200, 5300, 5500, 5800 MHz )


Impedance Measurement Plot for Head TSL (5250, 5600, 5750 MHz )


## ANNEX I Sensor Triggering Data Summary

The SAR sensor is connected to each antenna through a hardware circuit, so it obtains the antenna induction signal by itself, and the detection position is the sensor position. as the picture shows:


| 2G 3G 4G 5G and wifi all bands will reduce power when SAR sensor triger |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Grip sensor | Sub grip sensor | WIFI grip sensor |
|  | ANT0 $/ 1 / 5$ | ANT4 | ANT6 |
| Back | 25 mm | 25 mm | 26 mm |
| Top | 25 mm | 25 mm | 26 mm |
| Left | $/$ | 11 mm | $/$ |
| Right | 8 mm | $/$ | $/$ |

Per FCC KDB Publication 616217 D04v01r02, this device was tested by the manufacturer to determine the proximity sensor triggering distances for the rear and bottom edge of the device. The measured output power within $\pm 5 \mathrm{~mm}$ of the triggering points (or until touching the phantom) is included for rear and each applicable edge.

To ensure all production units are compliant it is necessary to test SAR at a distance 1 mm less than the smallest distance from the device and SAR phantom (determined from these triggering tests according to the KDB 616217 D04v01r02) with the device at maximum output power without power reduction. These SAR tests are included in addition to the SAR tests for the device touching the SAR phantom, with reduced power.

## ANT0/1/5:

## Rear Edge

Moving device toward the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{3 0}$ | $\mathbf{2 9}$ | $\mathbf{2 8}$ | $\mathbf{2 7}$ | $\mathbf{2 6}$ | $\mathbf{2 5}$ | $\mathbf{2 4}$ | $\mathbf{2 3}$ | $\mathbf{2 2}$ | $\mathbf{2 1}$ | $\mathbf{2 0}$ |
| Main antenna | Far | Far | Far | Far | Far | Near | Near | Near | Near | Near | Near |

Moving device away from the phantom:

| sensor near or far(KDB 616217 6.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{2 0}$ | $\mathbf{2 1}$ | $\mathbf{2 2}$ | $\mathbf{2 3}$ | $\mathbf{2 4}$ | $\mathbf{2 5}$ | $\mathbf{2 6}$ | $\mathbf{2 7}$ | $\mathbf{2 8}$ | $\mathbf{2 9}$ | $\mathbf{3 0}$ |
| Main antenna | Near | Near | Near | Near | Near | Near | Far | Far | Far | Far | Far |

## Top Edge

Moving device toward the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{3 0}$ | $\mathbf{2 9}$ | $\mathbf{2 8}$ | $\mathbf{2 7}$ | $\mathbf{2 6}$ | $\mathbf{2 5}$ | $\mathbf{2 4}$ | $\mathbf{2 3}$ | $\mathbf{2 2}$ | $\mathbf{2 1}$ | $\mathbf{2 0}$ |  |
| Main antenna | Far | Far | Far | Far | Far | Near | Near | Near | Near | Near | Near |  |

Moving device away from the phantom:

| sensor near or far(KDB 616217 6.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{2 0}$ | $\mathbf{2 1}$ | $\mathbf{2 2}$ | $\mathbf{2 3}$ | $\mathbf{2 4}$ | $\mathbf{2 5}$ | $\mathbf{2 6}$ | $\mathbf{2 7}$ | $\mathbf{2 8}$ | $\mathbf{2 9}$ | $\mathbf{3 0}$ |
| Main antenna | Near | Near | Near | Near | Near | Near | Far | Far | Far | Far | Far |

## Right Edge

Moving device toward the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{1 3}$ | $\mathbf{1 2}$ | $\mathbf{1 1}$ | $\mathbf{1 0}$ | $\mathbf{9}$ | $\mathbf{8}$ | $\mathbf{7}$ | $\mathbf{6}$ | $\mathbf{5}$ | $\mathbf{4}$ | $\mathbf{3}$ |  |  |  |  |  |  |
| Main antenna | Far | Far | Far | Far | Far | Near | Near | Near | Near | Near | Near |  |  |  |  |  |  |

Moving device away from the phantom:

| sensor near or far(KDB 616217 6.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Main antenna | Near | Near | Near | Near | Near | Near | Far | Far | Far | Far | Far |

## ANT4:

## Rear Edge

Moving device toward the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{3 0}$ | $\mathbf{2 9}$ | $\mathbf{2 8}$ | $\mathbf{2 7}$ | $\mathbf{2 6}$ | $\mathbf{2 5}$ | $\mathbf{2 4}$ | $\mathbf{2 3}$ | $\mathbf{2 2}$ | $\mathbf{2 1}$ | $\mathbf{2 0}$ |
| Main antenna | Far | Far | Far | Far | Far | Near | Near | Near | Near | Near | Near |

Moving device away from the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{2 0}$ | $\mathbf{2 1}$ | $\mathbf{2 2}$ | $\mathbf{2 3}$ | $\mathbf{2 4}$ | $\mathbf{2 5}$ | $\mathbf{2 6}$ | $\mathbf{2 7}$ | $\mathbf{2 8}$ | $\mathbf{2 9}$ | $\mathbf{3 0}$ |
| Main antenna | Near | Near | Near | Near | Near | Near | Far | Far | Far | Far | Far |

## Top Edge

Moving device toward the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{3 0}$ | $\mathbf{2 9}$ | $\mathbf{2 8}$ | $\mathbf{2 7}$ | $\mathbf{2 6}$ | $\mathbf{2 5}$ | $\mathbf{2 4}$ | $\mathbf{2 3}$ | $\mathbf{2 2}$ | $\mathbf{2 1}$ | $\mathbf{2 0}$ |  |
| Main antenna | Far | Far | Far | Far | Far | Near | Near | Near | Near | Near | Near |  |

Moving device away from the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{2 0}$ | $\mathbf{2 1}$ | $\mathbf{2 2}$ | $\mathbf{2 3}$ | $\mathbf{2 4}$ | $\mathbf{2 5}$ | $\mathbf{2 6}$ | $\mathbf{2 7}$ | $\mathbf{2 8}$ | $\mathbf{2 9}$ | $\mathbf{3 0}$ |
| Main antenna | Near | Near | Near | Near | Near | Near | Far | Far | Far | Far | Far |

## Left Edge

Moving device toward the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{1 6}$ | $\mathbf{1 5}$ | $\mathbf{1 4}$ | $\mathbf{1 3}$ | $\mathbf{1 2}$ | $\mathbf{1 1}$ | $\mathbf{1 0}$ | $\mathbf{9}$ | $\mathbf{8}$ | $\mathbf{7}$ | $\mathbf{6}$ |  |  |  |  |  |
| Main antenna | Far | Far | Far | Far | Far | Near | Near | Near | Near | Near | Near |  |  |  |  |  |

Moving device away from the phantom:

| sensor near or far(KDB 616217 6.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Main antenna | Near | Near | Near | Near | Near | Near | Far | Far | Far | Far | Far |

## ANT6:

## Rear Edge

Moving device toward the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{3 0}$ | $\mathbf{2 9}$ | $\mathbf{2 8}$ | $\mathbf{2 7}$ | $\mathbf{2 6}$ | $\mathbf{2 5}$ | $\mathbf{2 4}$ | $\mathbf{2 3}$ | $\mathbf{2 2}$ | $\mathbf{2 1}$ | $\mathbf{2 0}$ |
| Main antenna | Far | Far | Far | Far | Near | Near | Near | Near | Near | Near | Near |

Moving device away from the phantom:

| sensor near or far(KDB 616217 6.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{2 0}$ | $\mathbf{2 1}$ | $\mathbf{2 2}$ | $\mathbf{2 3}$ | $\mathbf{2 4}$ | $\mathbf{2 5}$ | $\mathbf{2 6}$ | $\mathbf{2 7}$ | $\mathbf{2 8}$ | $\mathbf{2 9}$ | $\mathbf{3 0}$ |
| Main antenna | Near | Near | Near | Near | Near | Near | Near | Far | Far | Far | Far |

## Top Edge

Moving device toward the phantom:

| sensor near or far(KDB 6162176.2.6) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{3 0}$ | $\mathbf{2 9}$ | $\mathbf{2 8}$ | $\mathbf{2 7}$ | $\mathbf{2 6}$ | $\mathbf{2 5}$ | $\mathbf{2 4}$ | $\mathbf{2 3}$ | $\mathbf{2 2}$ | $\mathbf{2 1}$ | $\mathbf{2 0}$ |  |
| Main antenna | Far | Far | Far | Far | Near | Near | Near | Near | Near | Near | Near |  |

Moving device away from the phantom:

| sensor near or far(KDB 616217 6.2.6) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance [mm] | $\mathbf{2 0}$ | $\mathbf{2 1}$ | $\mathbf{2 2}$ | $\mathbf{2 3}$ | $\mathbf{2 4}$ | $\mathbf{2 5}$ | $\mathbf{2 6}$ | $\mathbf{2 7}$ | $\mathbf{2 8}$ | $\mathbf{2 9}$ | $\mathbf{3 0}$ |
| Main antenna | Near | Near | Near | Near | Near | Near | Near | Far | Far | Far | Far |

Per FCC KDB Publication 616217 D04v01r02, the influence of table tilt angles to proximity sensor triggering is determined by positioning each edge that contains a transmitting antenna, perpendicular to the flat phantom, at the smallest sensor triggering test distance by rotating the device around the edge next to the phantom in $\leq 10^{\circ}$ increments until the tablet is $\pm 45^{\circ}$ or more from the vertical position at $0^{\circ}$.


The top/bottom edge evaluation


The right edge evaluation
Based on the above evaluation, we come to the conclusion that the sensor triggering is not released and normal maximum output power is not restored within the $\pm 45^{\circ}$ range at the smallest sensor triggering test distance declared by manufacturer.

## ANNEX J Accreditation Certificate



## Accredited Laboratory

A2LA has accredited

## TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, People's Republic of China
for technical competence in the field of

## Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).


Mr. Trace McInturff, Vice President, Accreditation Services For the Accreditation Council
Certificate Number 7049.01
Valid to July 31, 2024

