

4.1.1. Tissue Dielectric Parameter Check Results

The simulating liquids should be checked at the beginning of a series of SAR measurements to determine if the dielectric parameters are within the tolerances of the specified target values. The measured conductivity and relative permittivity should be within $\pm 5\%$ of the target values.

Tissue Type	Measured Frequency (MHz)	Target Tissue		Measured Tissue		Delta(%)		Liquid Temp.	Test Date
		ϵ_r	σ (S/m)	ϵ_r	σ (S/m)	ϵ_r	σ (S/m)		
Head 2450	2450	39.20	1.80	40.85	1.80	4.21	0.00	21.5 °C	Mar. 17, 2026
Head 5200	5200	36.00	4.66	36.31	4.68	0.86	0.43	21.4 °C	Mar. 18, 2026
Head 5800	5800	35.30	5.27	36.51	5.13	3.43	-2.66	21.7 °C	Mar. 19, 2026

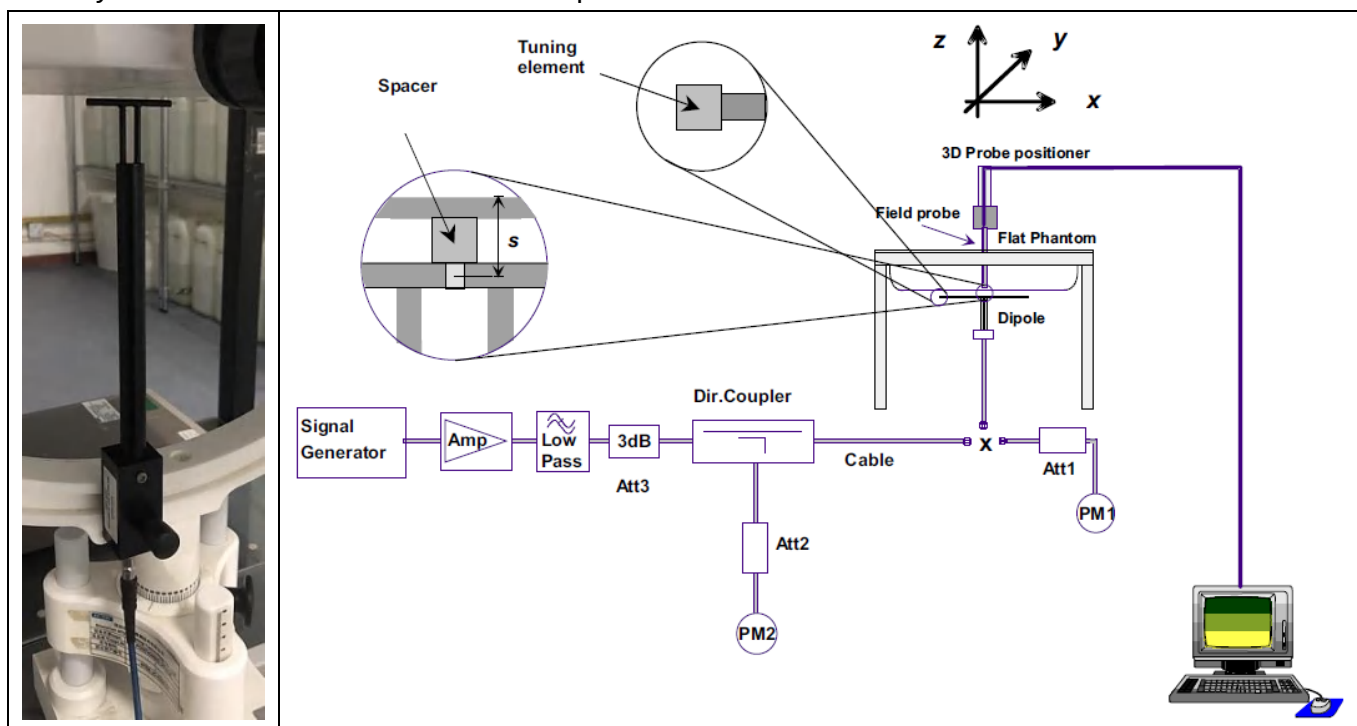
NOTE: 1. The dielectric parameters of the tissue-equivalent liquid should be measured under similar ambient conditions and within 2 °C of the conditions expected during the SAR evaluation to satisfy protocol requirements.

NOTE: 2. Tested by : Max Zhou, Jack Peng

4.2. System Verification Procedure

The system verification is performed for verifying the accuracy of the complete measurement system and performance of the software. The dipole is connected to the signal source consisting of signal generator and amplifier via a directional coupler, N-connector cable and adaption to SMA. It is fed with a power of 100mW (below 5GHz) or 10mW (above 5GHz). To adjust this power a power meter is used. The power sensor is connected to the cable before the system verification to measure the power at this point and do adjustments at the signal generator. At the outputs of the directional coupler both return loss as well as forward power are controlled during the system verification to make sure that emitted power at the dipole is kept constant. This can also be checked by the power drift measurement after the test (result on plot).

The system verification is shown as below picture:



4.2.1. System Verification Results

Comparing to the original SAR value provided by SATIMO, the verification data should be within its specification of $\pm 10\%$. Below table shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance verification can meet the variation criterion and the plots can be referred to Appendix B of this report.

System Verification	Target SAR (1W)		Measured SAR			Measured SAR		Delta (%)		Liquid Temp.	Test Date
						(Normalized to 1W)					
	1-g (W/Kg)	10-g (W/Kg)	Input Power (mW)	1-g (W/Kg)	10-g (W/Kg)	1-g (W/Kg)	10-g (W/Kg)	1-g (%)	10-g (%)		
2450MHz	50.05	23.80	100.00	4.78	2.24	47.83	22.35	-4.44	-6.09	21.5 °C	Mar. 17, 2026
5200MHz	162.59	56.21	10.00	1.74	0.60	174.20	60.20	7.14	7.10	21.4 °C	Mar. 18, 2026
5800MHz	182.20	61.32	10.00	1.75	0.58	174.60	58.00	-4.17	-5.41	21.7 °C	Mar. 19, 2026

NOTE: Tested by : Max Zhou, Jack Peng

5. SAR Measurement variability and uncertainty

5.1. SAR measurement variability

Per IEC/IEEE 62209-1528 SAR measurement 4 MHz to 10 GHz, SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. The additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

5.2. Uncertainty Evaluation For System Performance Check

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in IEC/IEEE 62209-1528. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Uncertainty Component	Tol. (±%)	Prob. Dist.	Div.	Ci (1 g)	Ci (10 g)	1 g Ui (±%)	10 g Ui (±%)	Vi
Measurement System								
Probe Calibration	7	N	1	1	1	7	7	∞
Axial Isotropy	3.5	R	$\sqrt{3}$	1	1	2.02	2.02	∞
Hemispherical Isotropy	5.9	R	$\sqrt{3}$	0	0	0	0	∞
Boundary Effect	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Linearity	4.7	R	$\sqrt{3}$	1	1	2.71	2.71	∞
System Detection Limits	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Modulation response	0	R	$\sqrt{3}$	0	0	0	0	∞
Readout Electronics	0.5	N	1	1	1	0.5	0.5	∞
Response Time	0	R	$\sqrt{3}$	0	0	0	0	∞
Integration Time	1.4	R	$\sqrt{3}$	0	0	0	0	∞
RF Ambient Conditions - Noise	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞

RF Ambient Conditions - Reflections	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Probe Positioner Mechanical Tolerance	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Probe Positioning with respect to Phantom Shell	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Extrapolation, interpolation and Integration Algorithms for Max. SAR Evaluation	2.3	R	$\sqrt{3}$	1	1	1.33	1.33	∞
Dipole								
Deviation of experimental source from numerical source	5	N	1	1	1	5	5	∞
Input power and SAR drift measurement	0.5	N	1	1	1	0.5	0.5	∞
Dipole axis to liquid Distance	2	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Phantom and Tissue Parameters								
Phantom Uncertainty (shape and thickness tolerances)	4	R	$\sqrt{3}$	1	1	2.31	2.31	∞
Uncertainty in SAR correction for deviation (in permittivity and conductivity)	2	N	1	1	0.84	2	1.68	∞
Liquid Conductivity (temperature uncertainty)	2.5	R	$\sqrt{3}$	0.78	0.71	1.13	1.02	∞
Liquid conductivity - measurement uncertainty	1.59	N	1	0.23	0.26	0.37	0.41	99
Liquid permittivity (temperature uncertainty)	2.5	R	$\sqrt{3}$	0.23	0.26	0.33	0.38	∞
Liquid permittivity - measurement uncertainty	1.65	N	1	0.23	0.26	0.38	0.43	99
Combined Standard Uncertainty		RSS				10.35	10.24	
Expanded Uncertainty (95% Confidence interval)		k				20.70	20.48	

5.3. Uncertainty Evaluation For EUT SAR Test

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in IEC/IEEE 62209-1528. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Uncertainty Component	Tol. ($\pm\%$)	Prob. Dist.	Div.	Ci (1 g)	Ci (10 g)	1 g U_i ($\pm\%$)	10 g U_i ($\pm\%$)	V_i
Measurement System								
Probe Calibration	7	N	1	1	1	7	7	∞
Axial Isotropy	3.5	R	$\sqrt{3}$	0.71	0.71	1.43	1.43	∞
Hemispherical Isotropy	5.9	R	$\sqrt{3}$	0.71	0.71	2.41	2.41	∞
Boundary Effect	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞

Linearity	4.7	R	$\sqrt{3}$	1	1	2.71	2.71	∞
System Detection Limits	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Modulation response	10	R	$\sqrt{3}$	1	1	5.77	5.77	∞
Readout Electronics	0.5	N	1	1	1	0.5	0.5	∞
Response Time	0	R	$\sqrt{3}$	1	1	0	0	∞
Integration Time	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
RF Ambient Conditions - Noise	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
RF Ambient Conditions - Reflections	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Probe Positioner Mechanical Tolerance	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Probe Positioning with respect to Phantom Shell	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Extrapolation, interpolation and Integration Algorithms for Max. SAR Evaluation	2.3	R	$\sqrt{3}$	1	1	1.33	1.33	∞
Test sample Related								
Test Sample Positioning	2.6	N	1	1	1	2.6	2.6	11
Device Holder Uncertainty	3	N	1	1	1	3	3	7
Output Power Variation - SAR drift measurement	5	N	1	1	1	5	5	∞
SAR scaling	2	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Phantom and Tissue Parameters								
Phantom Uncertainty (shape and thickness tolerances)	4	R	$\sqrt{3}$	1	1	2.31	2.31	∞
Uncertainty in SAR correction for deviation (in permittivity and conductivity)	2	N	1	1	0.84	2	1.68	∞
Liquid Conductivity (temperature uncertainty)	2.5	R	$\sqrt{3}$	0.78	0.71	1.13	1.02	∞
Liquid conductivity - measurement uncertainty	1.59	N	1	0.23	0.26	0.37	0.41	99
Liquid permittivity (temperature uncertainty)	2.5	R	$\sqrt{3}$	0.23	0.26	0.33	0.38	∞
Liquid permittivity - measurement uncertainty	1.65	N	1	0.23	0.26	0.38	0.43	99
Combined Standard Uncertainty		RSS				12.51	12.42	
Expanded Uncertainty (95% Confidence interval)		k				25.02	24.84	

6. RF Exposure Positions

6.1. Generic device

The SAR evaluation shall be performed for surface of the DUT that are accessible during intended use, as indicated in Figure 6.1. Adjust the distance between the device surface and the flat phantom to 0mm.

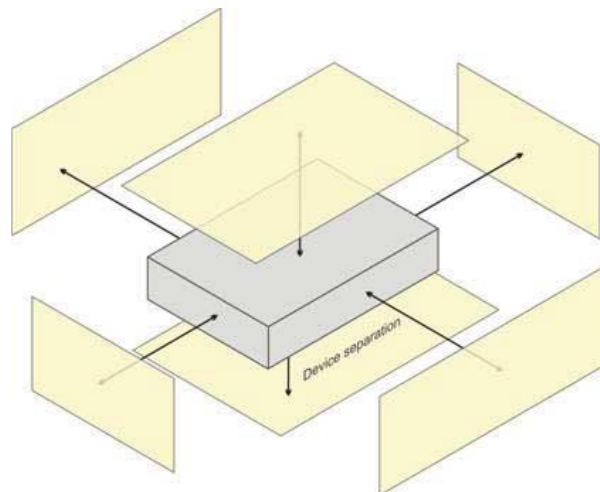


Figure 6.1 – Test positions for generic device

7. RF Output Power

7.1. Output Power

7.1.1. Output Power Results Of User-defined

Mode	Channel	Frequency (MHz)	Tune-up (dBm)	Output Power (dBm)
10M	1	2411	19.50	18.34
	4	2444	19.50	19.05
	7	2477	19.50	19.12
2.5M	1	2411	20.00	19.15
	4	2444	20.00	19.44
	7	2477	20.00	19.70

NOTE: Power measurement results of 2.4G.

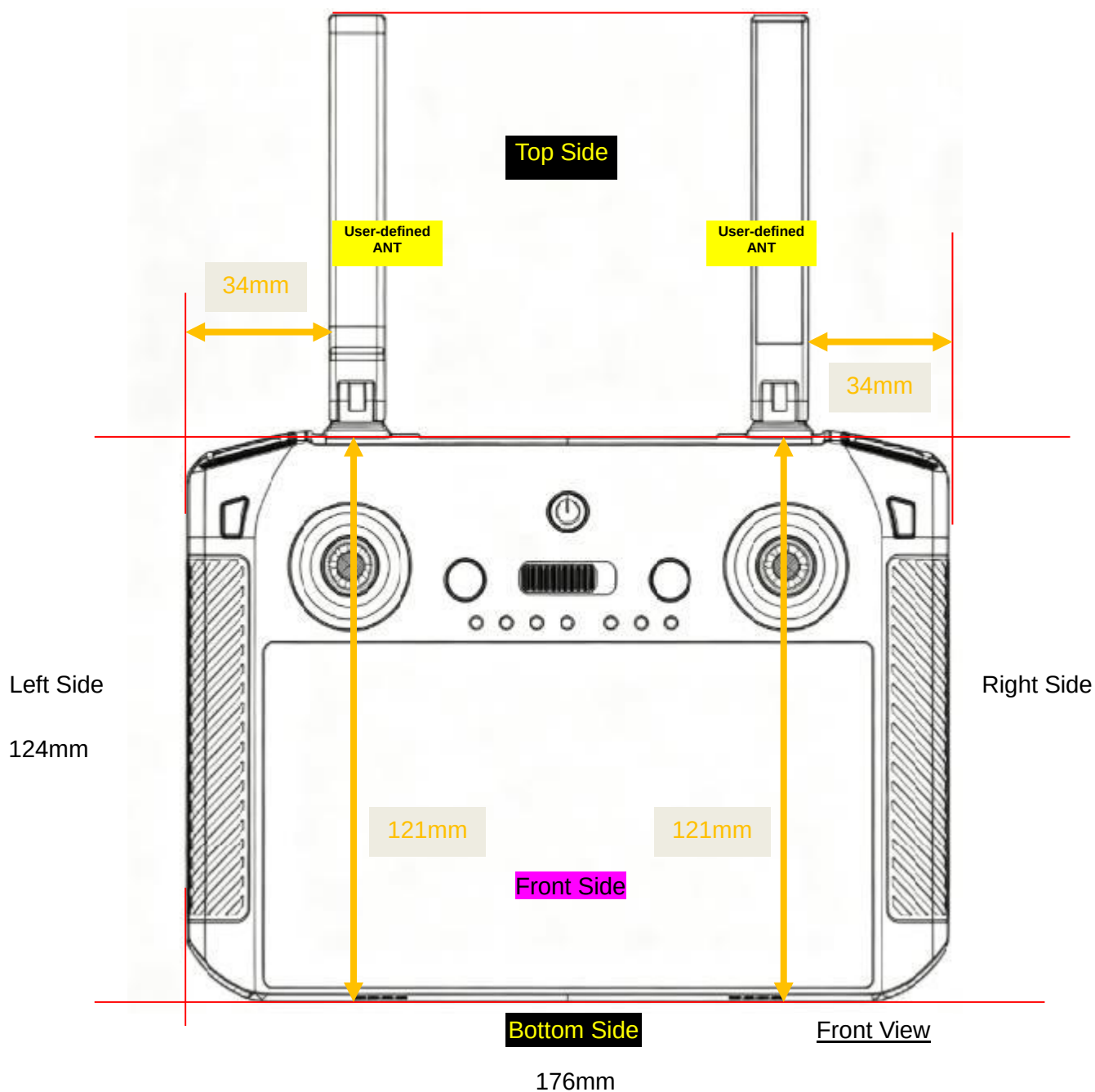
Mode	Channel	Frequency (MHz)	Tune-up (dBm)	Output Power (dBm)
10M	10	5180	17.50	17.18
	11	5225	17.50	17.23
2.5M	10	5180	11.50	11.43
	11	5225	13.50	13.08

NOTE: Power measurement results of 5.2G.

Mode	Channel	Frequency (MHz)	Tune-up (dBm)	Output Power (dBm)
10M	26	5730	17.50	17.18
	28	5780	17.50	17.10
	31	5840	17.50	17.06
2.5M	26	5730	18.00	17.62
	28	5780	18.00	17.34
	31	5840	18.00	17.59

NOTE: Power measurement results of 5.8G.

8. Antenna Location



Note: 1. Since the confidentiality request of EUT, the antenna location example diagram see as above.

2. This device only supports MIMO mode.

Distance of the Antenna to the EUT surface/edge						
Antennas	Front Side	Back Side	Left Side	Right Side	Top Side	Bottom Side
User-defined	8	18	34	34	5	121

Note: When the minimum separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Positions for User-defined Ant SAR tests		
Test separation distances $\leq$ 50 mm		
Exposure Positions	Tune-up Maximum power of User-defined 2.4G	
	20.00dBm	100.00mW
Front Side	Antenna to user(mm)	8
	SAR exclusion threshold (mW)	10
	SAR testing required?	YES
Back Side	Antenna to user(mm)	18
	SAR exclusion threshold (mW)	29
	SAR testing required?	YES
Left Side	Antenna to user(mm)	34
	SAR exclusion threshold (mW)	57
	SAR testing required?	NO
Right Side	Antenna to user(mm)	34
	SAR exclusion threshold (mW)	57
	SAR testing required?	NO
Top Side	Antenna to user(mm)	5
	SAR exclusion threshold (mW)	10
	SAR testing required?	YES
Exposure Positions	Tune-up Maximum power of User-defined 5.2G	
	17.50dBm	56.23mW
Front Side	Antenna to user(mm)	8
	SAR exclusion threshold (mW)	7
	SAR testing required?	YES
Back Side	Antenna to user(mm)	18
	SAR exclusion threshold (mW)	20
	SAR testing required?	YES
Left Side	Antenna to user(mm)	34
	SAR exclusion threshold (mW)	39
	SAR testing required?	YES
Right Side	Antenna to user(mm)	34
	SAR exclusion threshold (mW)	39
	SAR testing required?	YES

Top Side	Antenna to user(mm)	5
	SAR exclusion threshold (mW)	7
	SAR testing required?	YES
Exposure Positions	Tune-up Maximum power of User-defined 5.8G	
	18.00dBm	63.10mW
Front Side	Antenna to user(mm)	8
	SAR exclusion threshold (mW)	6
	SAR testing required?	YES
Back Side	Antenna to user(mm)	18
	SAR exclusion threshold (mW)	19
	SAR testing required?	YES
Left Side	Antenna to user(mm)	34
	SAR exclusion threshold (mW)	37
	SAR testing required?	YES
Right Side	Antenna to user(mm)	34
	SAR exclusion threshold (mW)	37
	SAR testing required?	YES
Top Side	Antenna to user(mm)	5
	SAR exclusion threshold (mW)	6
	SAR testing required?	YES

Positions for User-defined SAR tests		
Test separation distances > 50 mm		
Exposure Positions	Tune-up Maximum power of User-defined 2.4G	
	20.00dBm	100.00mW
Bottom Side	Antenna to user(mm)	121
	SAR exclusion threshold (mW)	806
	SAR testing required?	NO
Exposure Positions	Tune-up Maximum power of User-defined 5.2G	
	17.50dBm	56.23mW
Bottom Side	Antenna to user(mm)	121
	SAR exclusion threshold (mW)	776
	SAR testing required?	NO
Exposure Positions	Tune-up Maximum power of User-defined 5.8G	
	18.00dBm	63.10mW
Bottom Side	Antenna to user(mm)	121
	SAR exclusion threshold (mW)	772
	SAR testing required?	NO

9. SAR Results

9.1. SAR measurement results

1.1.1. SAR measurement Result of 2.4G

Test Position of Body-Worn Horizontal 180° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	4/2444	QPSK	0.781	0.196	-1.69	19.44	20.00	0.223	2026/3/17	
Back Side	4/2444	QPSK	1.028	0.331	-1.57	19.44	20.00	0.377	2026/3/17	6#
Left Side	4/2444	QPSK	0.061	0.033	1.84	19.44	20.00	0.038	2026/3/17	
Right Side	4/2444	QPSK	0.041	0.020	-1.52	19.44	20.00	0.023	2026/3/17	
Top Side	4/2444	QPSK	0.080	0.043	0.78	19.44	20.00	0.049	2026/3/17	
Back Side	1/2411	QPSK	0.954	0.302	-1.57	19.15	20.00	0.367	2026/3/17	
Back Side	7/2477	QPSK	0.914	0.294	-2.65	19.70	20.00	0.315	2026/3/17	

NOTE: 1. Extremity SAR test results of User-defined 2.4G

NOTE: 2. Tested by : Max Zhou

Test Position of Body-Worn Horizontal 180° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	4/2444	QPSK	0.681	0.196	-1.69	19.44	20.00	0.775	2026/3/17	
Back Side	4/2444	QPSK	1.028	0.331	-0.74	19.44	20.00	1.169	2026/3/17	6#
Left Side	4/2444	QPSK	0.061	0.033	1.84	19.44	20.00	0.069	2026/3/17	
Right Side	4/2444	QPSK	0.041	0.020	-1.52	19.44	20.00	0.047	2026/3/17	
Top Side	4/2444	QPSK	0.080	0.043	0.78	19.44	20.00	0.091	2026/3/17	
Back Side	1/2411	QPSK	0.954	0.302	-1.57	19.15	20.00	1.160	2026/3/17	
Back Side	7/2477	QPSK	0.914	0.294	-2.65	19.70	20.00	0.979	2026/3/17	
Back Side Repeated	4/2444	QPSK	0.995	0.328	-1.25	19.44	20.00	1.132	2026/3/17	
Back Side Repeated	1/2411	QPSK	0.952	0.294	-2.87	19.15	20.00	1.158	2026/3/17	
Back Side Repeated	7/2477	QPSK	0.908	0.282	-1.36	19.70	20.00	0.973	2026/3/17	

NOTE: 1. Body SAR test results of User-defined 2.4G

NOTE: 2. Tested by : Max Zhou

Test Position of Body-Worn Vertical 90° with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	4/2444	QPSK	0.039	0.016	-2.22	19.44	20.00	0.018	2026/3/17	
Back Side	4/2444	QPSK	0.654	0.318	-1.74	19.44	20.00	0.362	2026/3/17	
Left Side	4/2444	QPSK	0.050	0.020	0.08	19.44	20.00	0.023	2026/3/17	
Right Side	4/2444	QPSK	0.031	0.015	-2.91	19.44	20.00	0.017	2026/3/17	
Top Side	4/2444	QPSK	1.212	0.521	4.97	19.44	20.00	0.593	2026/3/17	5#
Top Side	1/2411	QPSK	1.167	0.468	-3.44	19.15	20.00	0.569	2026/3/17	
Top Side	7/2477	QPSK	1.200	0.506	2.81	19.70	20.00	0.542	2026/3/17	

NOTE: 1. Extremity SAR test results of User-defined 2.4G

NOTE: 2. Tested by : Max Zhou

Test Position of Body-Worn Vertical 90° with 10mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	4/2444	QPSK	0.039	0.016	-2.22	19.44	20.00	0.044	2026/3/19	
Back Side	4/2444	QPSK	0.654	0.318	-1.74	19.44	20.00	0.744	2026/3/17	
Left Side	4/2444	QPSK	0.050	0.020	0.08	19.44	20.00	0.057	2026/3/17	
Right Side	4/2444	QPSK	0.031	0.015	-2.91	19.44	20.00	0.035	2026/3/17	
Top Side	4/2444	QPSK	1.212	0.521	4.97	19.44	20.00	1.379	2026/3/17	5#
Top Side	1/2411	QPSK	1.067	0.468	-3.44	19.15	20.00	1.298	2026/3/17	
Top Side	7/2477	QPSK	1.200	0.506	2.81	19.70	20.00	1.286	2026/3/17	
Top Side Repeated	4/2444	QPSK	1.185	0.514	3.54	19.44	20.00	1.348	2026/3/17	
Top Side Repeated	1/2411	QPSK	1.026	0.448	-2.84	19.15	20.00	1.248	2026/3/17	
Top Side Repeated	7/2477	QPSK	1.174	0.483	1.36	19.70	20.00	1.258	2026/3/17	

NOTE: 1. Body SAR test results of User-defined 2.4G

NOTE: 2. Tested by : Max Zhou

1.1.2. SAR measurement Result of 5.2G

Test Position of Body-Worn Horizontal 180° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	11/5225	QPSK	0.698	0.241	1.96	17.23	17.50	0.256	2026/3/18	
Back Side	11/5225	QPSK	1.181	0.342	0.18	17.23	17.50	0.364	2026/3/18	1#
Left Side	11/5225	QPSK	0.060	0.027	-0.38	17.23	17.50	0.029	2026/3/18	
Right Side	11/5225	QPSK	0.047	0.022	-1.42	17.23	17.50	0.023	2026/3/18	
Top Side	11/5225	QPSK	0.076	0.035	-2.80	17.23	17.50	0.037	2026/3/18	
Back Side	10/5180	QPSK	0.974	0.287	-1.24	17.18	17.50	0.309	2026/3/18	

NOTE: 1. Extremity SAR test results of User-defined 5.2G

NOTE: 2. Tested by : Max Zhou

Test Position of Body-Worn Horizontal 180° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	11/5225	QPSK	0.698	0.241	1.96	17.23	17.50	0.743	1900/1/0	
Back Side	11/5225	QPSK	1.181	0.342	0.18	17.23	17.50	1.257	2026/3/18	1#
Left Side	11/5225	QPSK	0.060	0.027	-0.38	17.23	17.50	0.064	2026/3/18	
Right Side	11/5225	QPSK	0.047	0.022	-1.42	17.23	17.50	0.050	2026/3/18	
Top Side	11/5225	QPSK	0.076	0.035	-2.80	17.23	17.50	0.081	2026/3/18	
Back Side	10/5180	QPSK	0.974	0.287	-1.24	17.18	17.50	1.048	2026/3/18	
Back Side Repeated	11/5225	QPSK	1.163	0.332	1.24	17.23	17.50	1.238	2026/3/18	
Back Side Repeated	10/5180	QPSK	0.958	0.267	-1.62	17.18	17.50	1.031	2026/3/18	

NOTE: 1. Body SAR test results of User-defined 5.2G

NOTE: 2. Tested by : Max Zhou

Test Position of Body-Worn Vertical 90° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	11/5225	QPSK	0.048	0.014	0.59	17.23	17.50	0.015	2026/3/18	
Back Side	11/5225	QPSK	0.705	0.287	-2.94	17.23	17.50	0.305	2026/3/18	
Left Side	11/5225	QPSK	0.035	0.010	0.40	17.23	17.50	0.011	2026/3/18	
Right Side	11/5225	QPSK	0.021	0.004	-1.54	17.23	17.50	0.004	2026/3/18	
Top Side	11/5225	QPSK	1.266	0.401	3.73	17.23	17.50	0.427	2026/3/18	2#
Top Side	10/5180	QPSK	1.218	0.363	-1.99	17.18	17.50	0.391	2026/3/18	

NOTE: 1. Extremity SAR test results of User-defined 5.2G

NOTE: 2. Tested by : Max Zhou

Test Position of Body-Worn Vertical 90° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	11/5225	QPSK	0.048	0.014	0.59	17.23	17.50	0.051	2026/3/18	
Back Side	11/5225	QPSK	0.705	0.287	-2.94	17.23	17.50	0.750	2026/3/18	
Left Side	11/5225	QPSK	0.035	0.010	0.40	17.23	17.50	0.037	2026/3/18	
Right Side	11/5225	QPSK	0.021	0.004	-1.54	17.23	17.50	0.022	2026/3/18	
Top Side	11/5225	QPSK	1.266	0.401	3.73	17.23	17.50	1.347	2026/3/18	2#
Top Side	10/5180	QPSK	1.218	0.363	-1.99	17.18	17.50	1.311	2026/3/18	
Top Side Repeated	11/5225	QPSK	1.247	0.384	3.14	17.23	17.50	1.327	2026/3/18	
Top Side Repeated	10/5180	QPSK	1.203	0.358	-2.94	17.18	17.50	1.295	2026/3/18	

NOTE: 1. Body SAR test results of User-defined 5.2G

NOTE: 2. Tested by : Max Zhou

1.1.3. SAR measurement Result of 5.8G

Test Position of Body-Worn Horizontal 180° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	28/5780	QPSK	0.694	0.207	-1.36	17.34	18.00	0.241	2026/3/19	
Back Side	28/5780	QPSK	0.912	0.241	-1.52	17.34	18.00	0.281	2026/3/19	4#
Left Side	28/5780	QPSK	0.024	0.006	-2.71	17.34	18.00	0.007	2026/3/19	
Right Side	28/5780	QPSK	0.057	0.022	-2.69	17.34	18.00	0.026	2026/3/19	
Top Side	28/5780	QPSK	0.088	0.034	3.21	17.34	18.00	0.040	2026/3/19	
Back Side	26/5730	QPSK	0.876	0.231	-5.41	17.62	18.00	0.252	2026/3/19	
Back Side	31/5840	QPSK	0.839	0.242	-1.63	17.59	18.00	0.266	2026/3/19	

NOTE: 1. Extremity SAR test results of User-defined 5.8G

NOTE: 2. Tested by : Max Zhou

Test Position of Body-Worn Horizontal 180° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	28/5780	QPSK	0.654	0.207	-1.36	17.34	18.00	0.761	2026/3/19	
Back Side	28/5780	QPSK	0.912	0.241	-1.52	17.34	18.00	1.062	2026/3/19	4#
Left Side	28/5780	QPSK	0.024	0.006	-2.71	17.34	18.00	0.028	2026/3/19	
Right Side	28/5780	QPSK	0.057	0.022	-2.69	17.34	18.00	0.066	2026/3/19	
Top Side	28/5780	QPSK	0.088	0.034	3.21	17.34	18.00	0.102	2026/3/19	
Back Side	26/5730	QPSK	0.876	0.231	-1.41	17.62	18.00	0.956	2026/3/19	
Back Side	31/5840	QPSK	0.839	0.242	-1.63	17.59	18.00	0.922	2026/3/19	
Back Side Repeated	28/5780	QPSK	0.905	0.234	-2.63	17.34	18.00	1.054	2026/3/19	
Back Side Repeated	26/5730	QPSK	0.857	0.221	-1.32	17.62	18.00	0.935	2026/3/19	
Back Side Repeated	31/5840	QPSK	0.816	0.205	-2.74	17.59	18.00	0.897	2026/3/19	

NOTE: 1. Body SAR test results of User-defined 5.8G

NOTE: 2. Tested by : Max Zhou

Test Position of Body-Worn Vertical 90° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 10-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	28/5780	QPSK	0.047	0.012	-3.37	17.34	18.00	0.014	2026/3/19	
Back Side	28/5780	QPSK	0.698	0.224	-1.84	17.34	18.00	0.261	2026/3/19	
Left Side	28/5780	QPSK	0.021	0.002	-1.95	17.34	18.00	0.002	2026/3/19	
Right Side	28/5780	QPSK	0.033	0.008	-2.86	17.34	18.00	0.009	2026/3/19	
Top Side	28/5780	QPSK	1.193	0.352	3.00	17.34	18.00	0.410	2026/3/19	3#
Top Side	26/5730	QPSK	1.174	0.353	3.66	17.62	18.00	0.385	2026/3/19	
Top Side	31/5840	QPSK	1.160	0.359	4.77	17.59	18.00	0.395	2026/3/19	

NOTE: 1. Extremity SAR test results of User-defined 5.8G

NOTE: 2. Tested by : Max Zhou

Test Position of Body-Worn Vertical 90° with 0mm	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	28/5780	QPSK	0.047	0.012	-3.37	17.34	18.00	0.055	2026/3/19	
Back Side	28/5780	QPSK	0.618	0.224	-1.84	17.34	18.00	0.719	2026/3/19	
Left Side	28/5780	QPSK	0.021	0.002	-1.95	17.34	18.00	0.024	2026/3/19	
Right Side	28/5780	QPSK	0.033	0.008	-2.86	17.34	18.00	0.038	2026/3/19	
Top Side	28/5780	QPSK	1.193	0.352	3.00	17.34	18.00	1.389	2026/3/19	3#
Top Side	26/5730	QPSK	1.174	0.353	3.66	17.62	18.00	1.281	2026/3/19	
Top Side	31/5840	QPSK	1.160	0.359	4.77	17.59	18.00	1.275	2026/3/19	
Top Side Repeated	28/5780	QPSK	1.141	0.342	2.54	17.34	18.00	1.328	2026/3/19	
Top Side Repeated	26/5730	QPSK	1.139	0.339	1.69	17.62	18.00	1.243	2026/3/19	
Top Side Repeated	31/5840	QPSK	1.087	0.324	3.51	17.59	18.00	1.195	2026/3/19	

NOTE: 1. Body SAR test results of User-defined 5.8G

NOTE: 2. Tested by : Max Zhou

9.2. Simultaneous Transmission Analysis

NO simultaneous transmissions are possible for this device of User-defined 2.4G/5G.

10. Appendix A. Photo documentation

Refer to appendix Test Setup photo---SAR

11. Appendix B. System Check Plots

Table of contents
MEASUREMENT 1 System Performance Check - 2450MHz
MEASUREMENT 2 System Performance Check - 5200MHz
MEASUREMENT 3 System Performance Check - 5800MHz

1# System check at 2450 MHz
Date of measurement: 17/3/2026

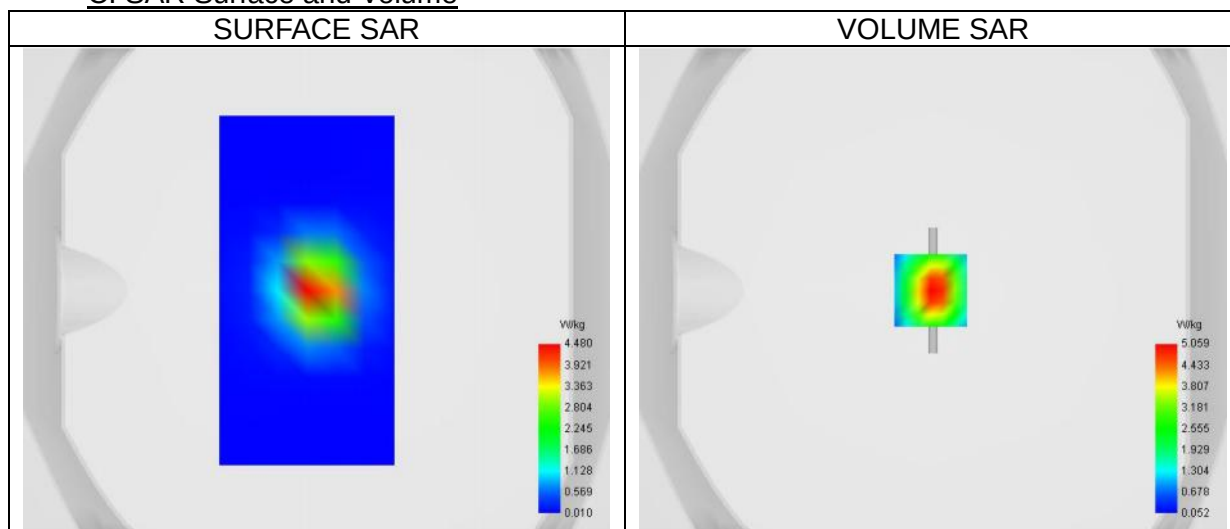
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.63
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	2450.00
Relative permittivity (real part)	40.85
Relative permittivity (imaginary part)	13.19
Conductivity (S/m)	1.80

C. SAR Surface and Volume



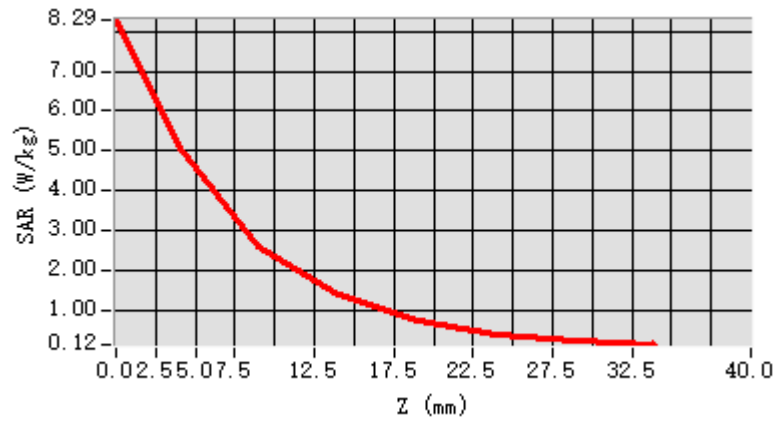
Maximum location: X=-1.00, Y=0.00 ; SAR Peak: 8.34 W/kg

D. SAR 1g & 10g

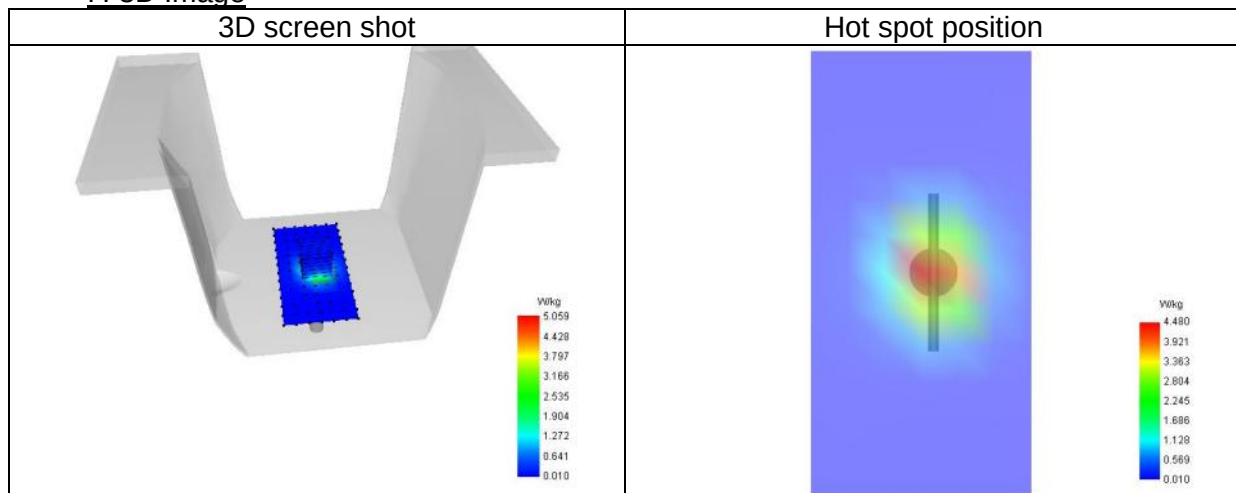
SAR 10g (W/Kg)	2.235
SAR 1g (W/Kg)	4.783
Variation (%)	-0.14
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	51.62

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	8.286	5.059	2.612	1.364	0.716	0.388	0.211



F. 3D Image



2# System check at 5200 MHz
Date of measurement: 18/3/2026

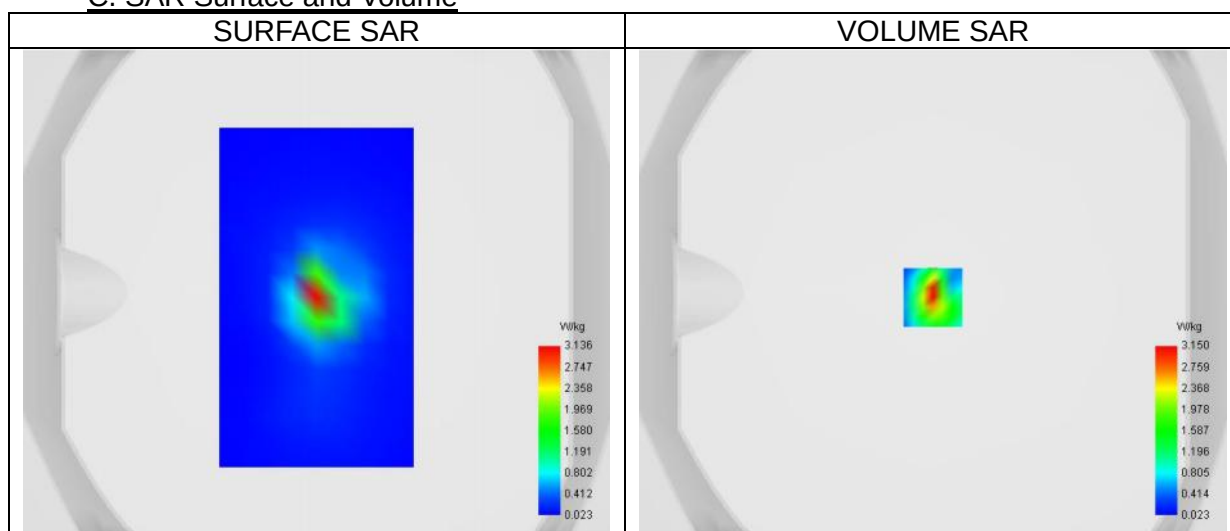
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.37
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	5200.00
Relative permittivity (real part)	36.31
Relative permittivity (imaginary part)	16.20
Conductivity (S/m)	4.68

C. SAR Surface and Volume



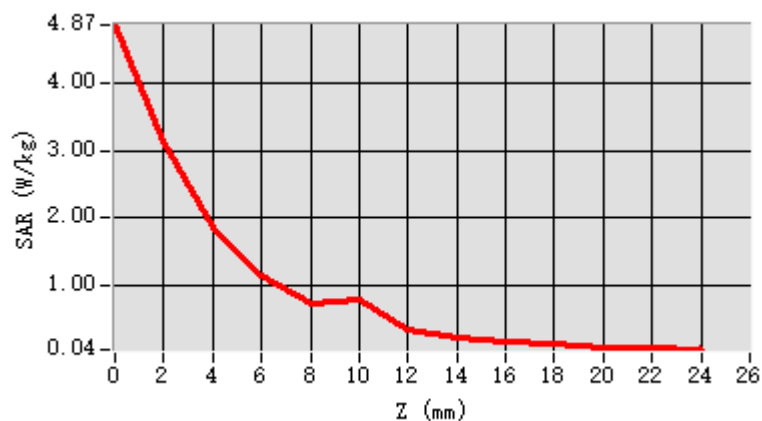
Maximum location: X=0.00, Y=-2.00 ; SAR Peak: 5.45 W/kg

D. SAR 1g & 10g

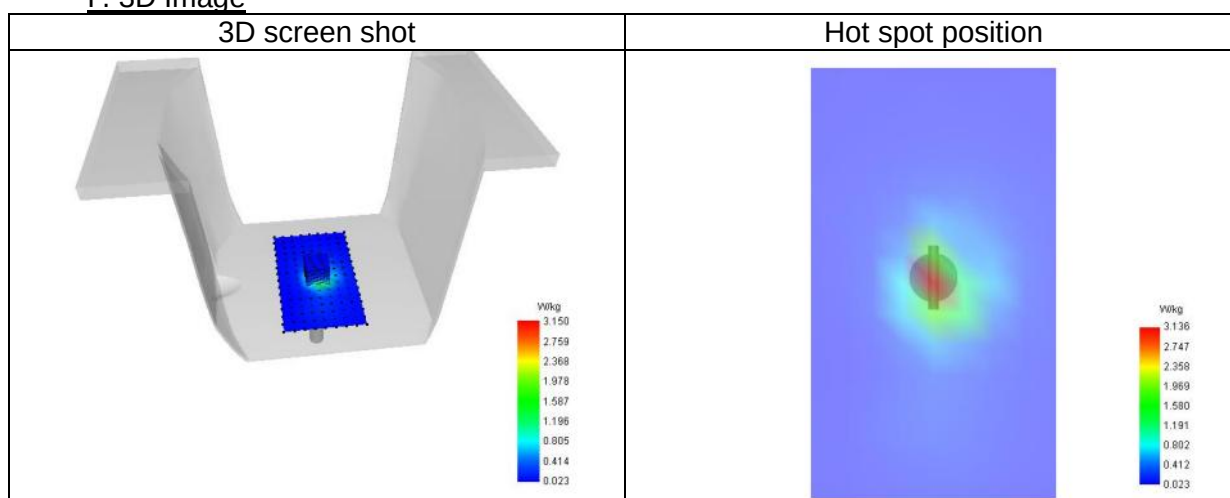
SAR 10g (W/Kg)	0.602
SAR 1g (W/Kg)	1.742
Variation (%)	0.43
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	59.37

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	4.86 6	3.15 0	1.87 0	1.15 3	0.73 8	0.79 0	0.33 9	0.22 2	0.16 7	0.12 2	0.07 9	0.06 8



F. 3D Image



3# System check at 5800 MHz
Date of measurement: 19/3/2026

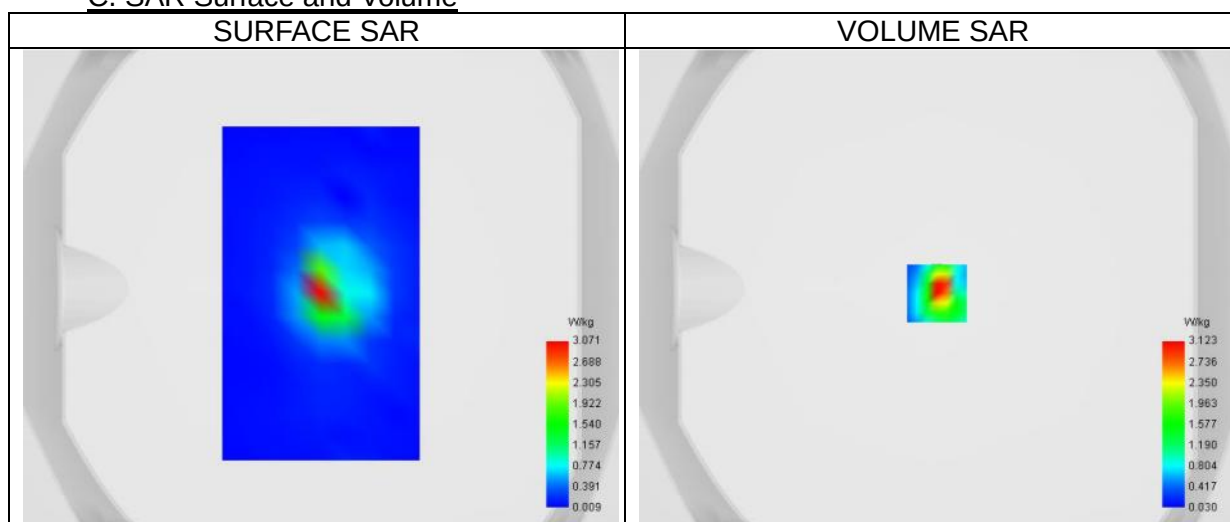
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.35
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	5800.00
Relative permittivity (real part)	36.51
Relative permittivity (imaginary part)	15.92
Conductivity (S/m)	5.13

C. SAR Surface and Volume



Maximum location: X=0.00, Y=-2.00 ; SAR Peak: 5.60 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.580
SAR 1g (W/Kg)	1.746
Variation (%)	-0.51
Horizontal validation criteria: minimum distance (mm)	5.66
Vertical validation criteria: SAR ratio M2/M1 (%)	63.02

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
						0	0	0	0	0	0	0
SAR (W/Kg)	4.67	3.12	1.96	1.27	0.84	0.54	0.36	0.25	0.18	0.13	0.10	0.06
	5	3	8	1	8	8	7	6	4	8	1	7