

n78(3450-3550)	30	90	633000	223@0	DFT_QPSK	22.50	22.3
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	22.50	22.38
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	22.50	22.11
n78(3450-3550)	30	90	633000	1@223	DFT_QPSK	22.50	22.22
n78(3450-3550)	30	90	633000	223@0	DFT_16QAM	23.50	23.28
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	22.50	22.38
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	22.50	22.22
n78(3450-3550)	30	90	633000	1@223	DFT_16QAM	23.50	23.48
n78(3450-3550)	30	90	633000	223@0	DFT_64QAM	23.00	22.77
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	23.00	22.88
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	23.00	22.58
n78(3450-3550)	30	90	633000	1@223	DFT_64QAM	22.00	21.72
n78(3450-3550)	30	90	633000	223@0	DFT_226QAM	18.50	18.26
n78(3450-3550)	30	90	633000	120@60	DFT_226QAM	18.50	18.27
n78(3450-3550)	30	90	633000	1@1	DFT_226QAM	18.50	18.26
n78(3450-3550)	30	90	633000	1@223	DFT_226QAM	18.50	18.27
n78(3450-3550)	30	90	633000	225@0	CP_QPSK	18.50	18.26
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	18.50	18.27
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	18.50	18.26
n78(3450-3550)	30	90	633000	1@223	CP_QPSK	18.50	18.26
n78(3450-3550)	30	90	633000	225@0	CP_16QAM	22.50	22.31
n78(3450-3550)	30	90	633000	123@61	CP_16QAM	23.50	23.42
n78(3450-3550)	30	90	633000	1@1	CP_16QAM	23.50	23.11
n78(3450-3550)	30	90	633000	1@223	CP_16QAM	22.50	22.21
n78(3450-3550)	30	90	633000	225@0	CP_64QAM	22.00	21.79
n78(3450-3550)	30	90	633000	123@61	CP_64QAM	22.00	21.85
n78(3450-3550)	30	90	633000	1@1	CP_64QAM	22.00	21.94
n78(3450-3550)	30	90	633000	1@223	CP_64QAM	21.50	21.06
n78(3450-3550)	30	90	633000	225@0	CP_226QAM	19.00	18.78
n78(3450-3550)	30	90	633000	123@61	CP_226QAM	19.00	18.87

n78(3450-3550)	30	90	633000	1@1	CP_226QAM	19.00	18.67
n78(3450-3550)	30	90	633000	1@223	CP_226QAM	18.00	17.8
n78(3450-3550)	30	90	633334	223@0	DFT_BPSK	18.50	18.29
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	22.50	22.34
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.50	22.17
n78(3450-3550)	30	90	633334	1@223	DFT_BPSK	22.50	22.38
n78(3450-3550)	30	90	633334	223@0	DFT_QPSK	22.50	22.28
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	22.50	22.33
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.50	22.05
n78(3450-3550)	30	90	633334	1@223	DFT_QPSK	22.50	22.22
n78(3450-3550)	30	90	633334	223@0	DFT_16QAM	23.50	23.26
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	22.50	22.3
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	22.50	22.19
n78(3450-3550)	30	90	633334	1@223	DFT_16QAM	23.50	23.48
n78(3450-3550)	30	90	633334	223@0	DFT_64QAM	23.00	22.76
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	23.00	22.84
n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	23.00	22.51
n78(3450-3550)	30	90	633334	1@223	DFT_64QAM	22.00	21.76
n78(3450-3550)	30	90	633334	223@0	DFT_226QAM	21.00	20.82
n78(3450-3550)	30	90	633334	120@60	DFT_226QAM	21.00	20.82
n78(3450-3550)	30	90	633334	1@1	DFT_226QAM	21.00	20.59
n78(3450-3550)	30	90	633334	1@223	DFT_226QAM	20.00	19.88
n78(3450-3550)	30	90	633334	225@0	CP_QPSK	18.50	18.28
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	18.50	18.28
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	18.50	18.28
n78(3450-3550)	30	90	633334	1@223	CP_QPSK	18.50	18.29
n78(3450-3550)	30	90	633334	225@0	CP_16QAM	22.50	22.27
n78(3450-3550)	30	90	633334	123@61	CP_16QAM	23.50	23.33
n78(3450-3550)	30	90	633334	1@1	CP_16QAM	23.50	23.04
n78(3450-3550)	30	90	633334	1@223	CP_16QAM	22.50	22.27

n78(3450-3550)	30	90	633334	225@0	CP_64QAM	22.00	21.77
n78(3450-3550)	30	90	633334	123@61	CP_64QAM	22.00	21.77
n78(3450-3550)	30	90	633334	1@1	CP_64QAM	22.00	21.84
n78(3450-3550)	30	90	633334	1@223	CP_64QAM	21.50	21.02
n78(3450-3550)	30	90	633334	225@0	CP_226QAM	19.00	18.76
n78(3450-3550)	30	90	633334	123@61	CP_226QAM	19.00	18.81
n78(3450-3550)	30	90	633334	1@1	CP_226QAM	19.00	18.6
n78(3450-3550)	30	90	633334	1@223	CP_226QAM	18.00	17.82
n78(3450-3550)	30	90	633666	223@0	DFT_BPSK	18.50	18.32
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	22.50	22.26
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.50	22.2
n78(3450-3550)	30	90	633666	1@223	DFT_BPSK	22.50	22.34
n78(3450-3550)	30	90	633666	223@0	DFT_QPSK	22.50	22.29
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	22.50	22.27
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.50	22.06
n78(3450-3550)	30	90	633666	1@223	DFT_QPSK	22.50	22.17
n78(3450-3550)	30	90	633666	223@0	DFT_16QAM	23.50	23.28
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	22.50	22.22
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	22.50	22.19
n78(3450-3550)	30	90	633666	1@223	DFT_16QAM	23.50	23.37
n78(3450-3550)	30	90	633666	223@0	DFT_64QAM	23.00	22.77
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	23.00	22.77
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	23.00	22.57
n78(3450-3550)	30	90	633666	1@223	DFT_64QAM	22.00	21.69
n78(3450-3550)	30	90	633666	223@0	DFT_226QAM	18.50	18.3
n78(3450-3550)	30	90	633666	120@60	DFT_226QAM	18.50	18.3
n78(3450-3550)	30	90	633666	1@1	DFT_226QAM	18.50	18.3
n78(3450-3550)	30	90	633666	1@223	DFT_226QAM	18.50	18.3
n78(3450-3550)	30	90	633666	225@0	CP_QPSK	18.50	18.3
n78(3450-3550)	30	90	633666	123@61	CP_QPSK	18.50	18.31

n78(3450-3550)	30	90	633666	1@1	CP_QPSK	18.50	18.29
n78(3450-3550)	30	90	633666	1@223	CP_QPSK	18.50	18.3
n78(3450-3550)	30	90	633666	225@0	CP_16QAM	18.50	18.31
n78(3450-3550)	30	90	633666	123@61	CP_16QAM	23.50	23.28
n78(3450-3550)	30	90	633666	1@1	CP_16QAM	23.50	23.08
n78(3450-3550)	30	90	633666	1@223	CP_16QAM	22.50	22.26
n78(3450-3550)	30	90	633666	225@0	CP_64QAM	22.00	21.8
n78(3450-3550)	30	90	633666	123@61	CP_64QAM	22.00	21.72
n78(3450-3550)	30	90	633666	1@1	CP_64QAM	22.00	21.87
n78(3450-3550)	30	90	633666	1@223	CP_64QAM	21.50	21.09
n78(3450-3550)	30	90	633666	225@0	CP_226QAM	19.00	18.78
n78(3450-3550)	30	90	633666	123@61	CP_226QAM	19.00	18.76
n78(3450-3550)	30	90	633666	1@1	CP_226QAM	19.00	18.63
n78(3450-3550)	30	90	633666	1@223	CP_226QAM	18.00	17.85
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	19.00	18.83
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	22.50	22.33
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	22.50	22.08
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	22.50	22.14
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	23.00	22.99
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	24.00	23.99
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	22.50	22.22
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	22.50	22.31
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	23.50	23.21
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	22.50	22.28
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	22.50	22.17
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	23.50	23.22
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	23.00	22.74
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	23.00	22.86
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	22.50	22.45
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	21.50	21.45

n78(3450-3550)	30	100	633334	270@0	DFT_226QAM	19.00	18.83
n78(3450-3550)	30	100	633334	135@67	DFT_226QAM	19.00	18.84
n78(3450-3550)	30	100	633334	1@1	DFT_226QAM	19.00	18.84
n78(3450-3550)	30	100	633334	1@271	DFT_226QAM	19.00	18.85
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	19.00	18.83
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	19.00	18.82
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	19.00	18.82
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	19.00	18.83
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	22.50	22.22
n78(3450-3550)	30	100	633334	137@68	CP_16QAM	23.50	23.31
n78(3450-3550)	30	100	633334	1@1	CP_16QAM	23.50	23.06
n78(3450-3550)	30	100	633334	1@271	CP_16QAM	22.50	22.06
n78(3450-3550)	30	100	633334	273@0	CP_64QAM	22.00	21.71
n78(3450-3550)	30	100	633334	137@68	CP_64QAM	22.00	21.83
n78(3450-3550)	30	100	633334	1@1	CP_64QAM	22.00	21.79
n78(3450-3550)	30	100	633334	1@271	CP_64QAM	21.00	20.83
n78(3450-3550)	30	100	633334	273@0	CP_226QAM	19.00	18.74
n78(3450-3550)	30	100	633334	137@68	CP_226QAM	19.00	18.81
n78(3450-3550)	30	100	633334	1@1	CP_226QAM	19.00	18.52
n78(3450-3550)	30	100	633334	1@271	CP_226QAM	18.00	17.54

7.5. WLAN & Bluetooth Output Power

Mode	Channel	Frequency (MHz)	Tune-up (dBm)	Output Power (dBm)
802.11b	1	2412	16.00	15.41
	6	2437	16.00	15.77
	11	2462	16.00	15.55
802.11g	1	2412	14.00	13.64
	6	2437	14.00	13.68
	11	2462	14.00	13.70
802.11n HT20	1	2412	14.00	13.52
	6	2437	14.00	13.50
	11	2462	14.00	13.68
802.11n HT40	3	2422	14.00	13.85

	6	2437	14.00	13.89
	9	2452	14.00	13.91

NOTE: Power measurement results of WLAN 2.4G.

Mode	Channel	Frequency (MHz)	Tune-up (dBm)	Output Power (dBm)
802.11a	36	5180	11.50	10.83
	40	5200	11.50	11.05
	48	5240	11.50	10.83
802.11n HT20	36	5180	11.00	10.61
	40	5200	11.00	10.59
	48	5240	11.00	10.73
802.11n HT40	38	5190	10.00	9.86
	46	5230	10.00	9.81
802.11ac VHT20	36	5180	12.00	11.86
	40	5200	12.00	11.79
	48	5240	12.00	11.76
802.11ac VHT40	38	5190	10.50	10.27
	46	5230	10.50	9.75
802.11ac VHT80	42	5210	8.00	7.64

NOTE: Power measurement results of WLAN 5.2G.

Mode	Channel	Frequency (MHz)	Tune-up (dBm)	Output Power (dBm)
802.11a	149	5745	11.00	10.62
	157	5785	11.00	10.29
	165	5825	11.00	10.05
802.11n HT20	149	5745	11.00	10.61
	157	5785	11.00	10.46
	165	5825	11.00	10.04
802.11n HT40	151	5755	12.50	12.25
	159	5795	12.50	12.44
802.11ac VHT20	149	5745	10.50	10.30
	157	5785	10.50	10.08
	165	5825	10.50	10.33
802.11ac VHT40	151	5755	11.00	10.83
	159	5795	11.00	10.61
802.11ac VHT80	155	5775	10.50	10.12

NOTE: Power measurement results of WLAN 5.8G.

BR+EDR	Output Power (dBm)		
	Data Rates	Tune-up	Channel

		(dBm)	0CH	39CH	78CH
	1M	5.50	4.46	4.80	5.08
	2M	4.50	3.55	3.95	4.20
	3M	4.50	3.41	3.78	4.06

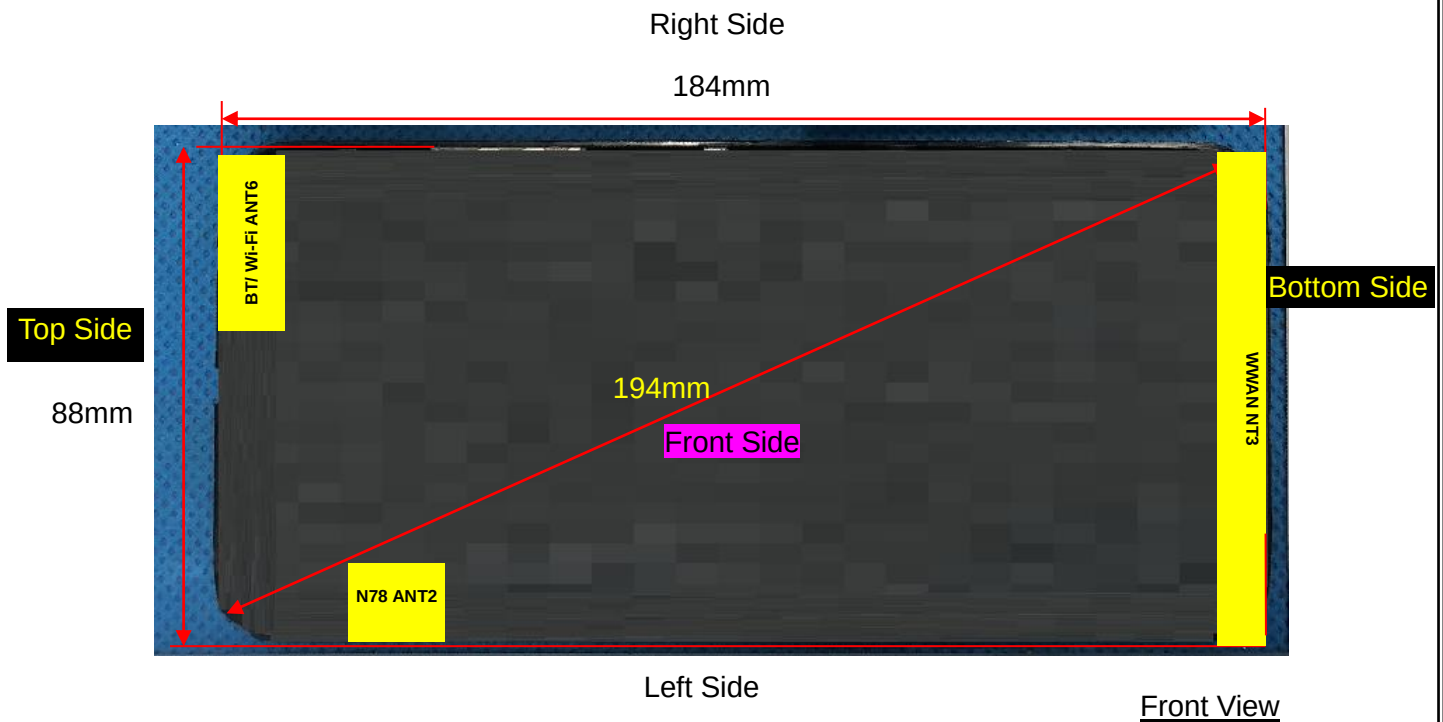
BLE	Output Power (dBm)				
	Data Rates	Tune-up (dBm)	Channe		
			0CH	19CH	39CH
	1M	-1.50	-2.45	-2.20	-1.96
	2M	-2.00	-2.63	-2.29	-2.04

NOTE: Power measurement results of Bluetooth.

7.6. NFC

Channel Freq (MHz)	Min Distance (mm)	Max power (dBm)	tune-up power (dBm)	Max power (mW)	Limits (mW)	SAR Test Exclusion
13.56	10	-25.28	-25.28 ± 1	0.00373	443	Yes

8. Antenna Location



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

Distance of the Antenna to the EUT surface/edge						
Antennas	Front Side	Back Side	Left Side	Right Side	Top Side	Bottom Side
WWAN ANT0	≤ 25mm	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm
WWAN ANT2	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	>25mm
WLAN & Bluetooth ANT6	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm	>25mm
Positions for SAR tests						
Antennas	Front Side	Back Side	Left Side	Right Side	Top Side	Bottom Side
WWAN ANT0	Yes	Yes	Yes	Yes	NO	Yes
WWAN ANT2	Yes	Yes	Yes	NO	NO	NO
WLAN & Bluetooth ANT6	Yes	Yes	NO	Yes	Yes	NO

9. Stand-alone SAR test exclusion

Refer to FCC KDB 447498D01, the 1-g SAR and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f_{(\text{GHz})}}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where:}$$

- $f_{(GHz)}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

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

Mode	P_{max} (dBm)	P_{max} (mW)	Distance (mm)	f (GHz)	Calculation Result	SAR Exclusion threshold	SAR test exclusion
Bluetooth	5.50	3.548	5	2.480	1.118	3	Yes

NOTE: Standalone SAR test exclusion for Bluetooth.

When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f_{(GHz)}} / x] \text{ W/kg}$$
 for test separation distances $\leq 50\text{mm}$, where $x = 7.5$ for 1-g SAR and $x = 18.75$ for 10-g SAR.

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

Mode	Position	P_{max} (dBm)	P_{max} (mW)	Distance (mm)	f (GHz)	x	Estimated SAR (W/Kg)
Bluetooth	Head	5.50	3.548	5	2.48	7.5	0.149
Bluetooth	Body	5.50	3.548	10	2.48	7.5	0.074
Bluetooth	Hotspot	5.50	3.548	10	2.48	7.5	0.074

NOTE: Estimated SAR calculation for Bluetooth

1. SAR Results

1.1. SAR measurement Result

1.1.1. SAR measurement Result of GSM850

Test Position of Head	Test channel /Freq.	Mode	SAR Value (W/kg)		Power Drift(±5%)	Conducted Power (dBm)	Tune-up Power (dBm)	Scaled SAR 1-g (W/Kg)	Date	Plot
			1-g	10-g						
Right Cheek	189/836.4	GPRS(GMSK 2TS)	0.251	0.178	-1.64	31.22	31.50	0.268	2025/8/09	1#
Right Tilt 15 Degree	189/836.4	GPRS(GMSK 2TS)	0.135	0.094	-3.79	31.22	31.50	0.144	2025/8/09	
Left Cheek	189/836.4	GPRS(GMSK 2TS)	0.220	0.150	1.78	31.22	31.50	0.235	2025/8/09	
Left Tilt 15 Degree	189/836.4	GPRS(GMSK 2TS)	0.108	0.076	-1.92	31.22	31.50	0.115	2025/8/09	

NOTE: Head SAR test results of GSM850.

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1g	10g						
Front Side	189/836.4	GPRS(GMSK 2TS)	0.962	0.476	1.16	31.22	31.50	1.026	2025/8/09	
Front Side	128/824.2	GPRS(GMSK 2TS)	0.908	0.437	0.52	31.34	31.50	0.942	2025/8/09	
Front Side	251/848.8	GPRS(GMSK 2TS)	0.875	0.408	-1.47	31.08	31.50	0.964	2025/8/09	
Back Side	189/836.4	GPRS(GMSK 2TS)	1.060	0.555	-3.91	31.22	31.50	1.131	2025/8/09	2#
Back Side	128/824.2	GPRS(GMSK 2TS)	0.958	0.517	-2.61	31.34	31.50	0.994	2025/8/09	
Back Side	251/848.8	GPRS(GMSK 2TS)	0.912	0.504	-1.31	31.08	31.50	1.005	2025/8/09	

NOTE: Body-Worn SAR test results of GSM850

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	189/836.4	GPRS(GMSK 2TS)	0.962	0.476	1.16	31.22	31.50	1.026	2025/8/09	
Front Side	128/824.2	GPRS(GMSK 2TS)	0.908	0.437	0.52	31.34	31.50	0.942	2025/8/09	
Front Side	251/848.8	GPRS(GMSK 2TS)	0.875	0.408	-1.47	31.08	31.50	0.964	2025/8/09	
Back Side	189/836.4	GPRS(GMSK 2TS)	1.060	0.555	-3.91	31.22	31.50	1.131	2025/8/09	2#
Back Side	128/824.2	GPRS(GMSK 2TS)	0.958	0.517	-2.61	31.34	31.50	0.994	2025/8/09	
Back Side	251/848.8	GPRS(GMSK 2TS)	0.912	0.504	-1.31	31.08	31.50	1.005	2025/8/09	
Left Side	189/836.4	GPRS(GMSK 2TS)	0.600	0.339	2.49	31.22	31.50	0.640	2025/8/09	
Right Side	189/836.4	GPRS(GMSK 2TS)	0.761	0.421	1.39	31.22	31.50	0.812	2025/8/09	
Bottom Side	189/836.4	GPRS(GMSK 2TS)	0.619	0.332	-3.41	31.22	31.50	0.660	2025/8/09	
BackSide Repeated	189/836.4	GPRS(GMSK 2TS)	1.037	0.542	-2.62	31.22	31.50	1.106	2025/8/09	

NOTE: 1.Hotspot SAR test results of GSM850

2. Tested by : Max Zhou

1.1.2. SAR measurement Result of GSM1900

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Right Cheek	661/1880	GPRS(GMSK 2TS)	0.075	0.047	-2.91	28.67	29.50	0.091	2025/8/10	3#
Right Tilt 15 Degree	661/1880	GPRS(GMSK 2TS)	0.044	0.039	-1.10	28.67	29.50	0.053	2025/8/10	
Left Cheek	661/1880	GPRS(GMSK 2TS)	0.064	0.057	2.38	28.67	29.50	0.077	2025/8/10	
Left Tilt	661/1880	GPRS(GMSK	0.035	0.031	-0.05	28.67	29.50	0.042	2025/8/10	

15 Degree		2TS)								
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NOTE: Head SAR test results of GSM1900

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1g	10g						
Front Side	661/1880	GPRS(GMSK 2TS)	0.149	0.086	0.27	28.67	29.50	0.180	2025/8/10	
Back Side	661/1880	GPRS(GMSK 2TS)	0.303	0.185	0.80	28.67	29.50	0.367	2025/8/10	4#

NOTE: Body-Worn SAR test results of GSM1900

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducte d power (dBm)	Tune-up power (dBm)	Scale d SAR 1g (W/K g)	Date	Plot
			1-g	10-g						
Front Side	661/1880	GPRS(GMSK 2TS)	0.149	0.086	0.27	28.67	29.50	0.180	2025/8/10	
Back Side	661/1880	GPRS(GMSK 2TS)	0.303	0.185	0.80	28.67	29.50	0.367	2025/8/10	4#
Left Side	661/1880	GPRS(GMSK 2TS)	0.048	0.028	2.18	28.67	29.50	0.058	2025/8/10	
Right Side	661/1880	GPRS(GMSK 2TS)	0.075	0.046	-3.19	28.67	29.50	0.091	2025/8/10	
Bottom Side	661/1880	GPRS(GMSK 2TS)	0.238	0.145	-2.63	28.67	29.50	0.288	2025/8/10	

NOTE: 1.Hotspot SAR test results of GSM1900

2.Tested by : Jack Peng

1.1.3. SAR measurement Result of WCDMA Band 2

Test Position of Head	Test channel /Freq	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Right Cheek	9400/1880	RMC12.2K	0.078	0.052	-4.92	22.64	23.50	0.095	2025/8/10	5#

Right Tilt 15 Degree	9400/1880	RMC12.2K	0.043	0.028	-0.76	22.64	23.50	0.052	2025/8/10	
Left Cheek	9400/1880	RMC12.2K	0.073	0.049	-2.61	22.64	23.50	0.089	2025/8/10	
Left Tilt 15 Degree	9400/1880	RMC12.2K	0.034	0.022	-1.41	22.64	23.50	0.041	2025/8/10	

NOTE: Head SAR test results of WCDMA Band 2

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1g	10g						
Front Side	9400/1880	RMC12.2K	0.180	0.110	0.24	22.64	23.50	0.219	2025/8/10	
Back Side	9400/1880	RMC12.2K	0.358	0.218	2.85	22.64	23.50	0.436	2025/8/10	6#

NOTE: Body-Worn SAR test results of WCDMA Band 2

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducte d power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plo t
			1-g	10-g						
Front Side	9400/1880	RMC12.2K	0.180	0.110	0.24	22.64	23.50	0.219	2025/8/10	
Back Side	9400/1880	RMC12.2K	0.358	0.218	2.85	22.64	23.50	0.436	2025/8/10	6#
Left Side	9400/1880	RMC12.2K	0.057	0.034	-3.21	22.64	23.50	0.069	2025/8/10	
Right Side	9400/1880	RMC12.2K	0.079	0.047	-0.54	22.64	23.50	0.096	2025/8/10	
Bottom Side	9400/1880	RMC12.2K	0.266	0.155	-3.29	22.64	23.50	0.324	2025/8/10	

NOTE: 1.Hotspot SAR test results of WCDMA Band 2

2. Tested by : Jack Peng

1.1.4. SAR measurement Result of WCDMA Band 4

Test Position of Head	Test channel /Freq	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Right Cheek	1413/1732.6	RMC12.2K	0.041	0.028	0.00	24.00	24.50	0.046	2025/8/08	7#
Right Tilt 15 Degree	1413/1732.6	RMC12.2K	0.022	0.014	1.70	24.00	24.50	0.025	2025/8/08	
Left Cheek	1413/1732.6	RMC12.2K	0.037	0.025	-3.52	24.00	24.50	0.042	2025/8/08	
Left Tilt 15	1413/1732.6	RMC12.2K	0.020	0.018	3.48	24.00	24.50	0.022	2025/8/08	

Degree

NOTE: Head SAR test results of WCDMA Band 4

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1g	10g						
Front Side	1413/1732.6	RMC12.2K	0.086	0.050	3.29	24.00	24.50	0.096	2025/8/08	
Back Side	1413/1732.6	RMC12.2K	0.169	0.102	3.54	24.00	24.50	0.190	2025/8/08	8#

NOTE: Body-Worn SAR test results of WCDMA Band 4

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	1413/1732.6	RMC12.2K	0.086	0.050	3.29	24.00	24.50	0.096	2025/8/08	
Back Side	1413/1732.6	RMC12.2K	0.169	0.102	3.54	24.00	24.50	0.190	2025/8/08	8#
Left Side	1413/1732.6	RMC12.2K	0.029	0.017	3.47	24.00	24.50	0.033	2025/8/08	
Right Side	1413/1732.6	RMC12.2K	0.040	0.024	0.85	24.00	24.50	0.045	2025/8/08	
Bottom Side	1413/1732.6	RMC12.2K	0.126	0.075	1.73	24.00	24.50	0.141	2025/8/08	

NOTE: Hotspot SAR test results of WCDMA Band 4

Test Position of Extremity with 0mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 10g (W/Kg)	Date	Plot
			1-g	10-g						
Back Side	1413/1732.6	RMC12.2K	4.081	1.698	-1.69	21.73	22.00	1.807	2025/6/28	
Back Side	1312/1712.4	RMC12.2K	4.210	1.887	-2.68	21.72	22.00	2.013	2025/6/28	41#
Back Side	1513/1752.6	RMC12.2K	4.124	1.729	-3.51	21.75	22.00	1.831	2025/6/28	
Back Side Repeated	1312/1712.4	RMC12.2K	4.165	1.828	1.27	21.72	22.00	1.950	2025/6/28	

NOTE: 1.Extremity SAR test results of WCDMA Band 4

2. Tested by : Jack Peng

1.1.5. SAR measurement Result of WCDMA Band 5

Test Position of Head	Test channel /Freq	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Right Cheek	4182/836.4	RMC12.2K	0.101	0.078	2.16	22.10	22.50	0.111	2025/8/09	9#
Right Tilt 15 Degree	4182/836.4	RMC12.2K	0.056	0.041	-3.02	22.10	22.50	0.061	2025/8/09	
Left Cheek	4182/836.4	RMC12.2K	0.095	0.070	-3.64	22.10	22.50	0.104	2025/8/09	
Left Tilt 15 Degree	4182/836.4	RMC12.2K	0.049	0.037	3.40	22.10	22.50	0.054	2025/8/09	

NOTE: Head SAR test results of WCDMA Band 5

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1g	10g						
Front Side	4182/836.4	RMC12.2K	0.450	0.247	-1.08	22.10	22.50	0.493	2025/8/09	
Back Side	4182/836.4	RMC12.2K	0.462	0.264	0.17	22.10	22.50	0.507	2025/8/09	10#

NOTE: Body-Worn SAR test results of WCDMA Band 5

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	4182/836.4	RMC12.2K	0.450	0.247	-1.08	22.10	22.50	0.493	2025/8/09	
Back Side	4182/836.4	RMC12.2K	0.462	0.264	0.17	22.10	22.50	0.507	2025/8/09	10#
Left Side	4182/836.4	RMC12.2K	0.245	0.139	-2.70	22.10	22.50	0.269	2025/8/09	
Right Side	4182/836.4	RMC12.2K	0.306	0.166	2.29	22.10	22.50	0.336	2025/8/09	
Bottom Side	4182/836.4	RMC12.2K	0.265	0.148	2.30	22.10	22.50	0.291	2025/8/09	

NOTE: 1.Hotspot SAR test results of WCDMA Band 5

2.Tested by : Max Zhou

1.1.6. SAR measurement Result of LTE Band 2

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Left Cheek	18900/1880	20M QPSK(1,49)	0.038	0.026	0.37	22.88	23.50	0.044	2025/8/10	17#
Left Tilt 15 Degree	18900/1880	20M QPSK(1,49)	0.023	0.016	2.92	22.88	23.50	0.027	2025/8/10	
Right Cheek	18900/1880	20M QPSK(1,49)	0.034	0.023	2.75	22.88	23.50	0.039	2025/8/10	
Right Tilt 15 Degree	18900/1880	20M QPSK(1,49)	0.018	0.016	-0.60	22.88	23.50	0.021	2025/8/10	
50%RB										
Left Cheek	18900/1880	20M QPSK(50,24)	0.021	0.015	-3.94	22.43	23.50	0.027	2025/8/10	
Left Tilt 15 Degree	18900/1880	20M QPSK(50,24)	0.013	0.009	4.72	22.43	23.50	0.017	2025/8/10	
Right Cheek	18900/1880	20M QPSK(50,24)	0.017	0.012	-3.58	22.43	23.50	0.022	2025/8/10	
Right Tilt 15 Degree	18900/1880	20M QPSK(50,24)	0.010	0.008	3.02	22.43	23.50	0.013	2025/8/10	

NOTE: Head SAR test results of LTE Band 2

Test Position of Body- Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1g	10g						
1RB										
Front Side	18900/1880	20M QPSK(1,49)	0.216	0.124	-0.41	22.88	23.50	0.249	2025/8/10	
Back Side	18900/1880	20M	0.440	0.258	0.03	22.88	23.50	0.508	2025/8/10	18#

		QPSK(1,49)								
50%RB										
Front Side	18900/1880	20M QPSK(50,24)	0.118	0.063	-0.82	22.43	23.50	0.151	2025/8/10	
Back Side	18900/1880	20M QPSK(50,24)	0.262	0.132	0.81	22.43	23.50	0.335	2025/8/10	

NOTE: Body-Worn SAR test results of LTE Band 2

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	18900/1880	20M QPSK(1,49)	0.216	0.124	-0.41	22.88	23.50	0.249	2025/8/10	
Back Side	18900/1880	20M QPSK(1,49)	0.440	0.258	0.03	22.88	23.50	0.508	2025/8/10	18#
Left Side	18900/1880	20M QPSK(1,49)	0.068	0.040	-2.51	22.88	23.50	0.078	2025/8/10	
Right Side	18900/1880	20M QPSK(1,49)	0.106	0.061	3.50	22.88	23.50	0.122	2025/8/10	
Bottom Side	18900/1880	20M QPSK(1,49)	0.322	0.181	2.51	22.88	23.50	0.371	2025/8/10	
50%RB										
Front Side	18900/1880	20M QPSK(50,24)	0.118	0.063	-0.82	22.43	23.50	0.151	2025/8/10	
Back Side	18900/1880	20M QPSK(50,24)	0.262	0.132	0.81	22.43	23.50	0.335	2025/8/10	
Left Side	18900/1880	20M QPSK(50,24)	0.038	0.022	2.19	22.43	23.50	0.049	2025/8/10	
Right Side	18900/1880	20M QPSK(50,24)	0.062	0.031	-1.48	22.43	23.50	0.079	2025/8/10	
Bottom Side	18900/1880	20M QPSK(50,24)	0.171	0.094	-1.46	22.43	23.50	0.219	2025/8/10	

1.1.7. SAR measurement Result of LTE Band 4

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Left Cheek	20175/1732.5	20M QPSK(1,49)	0.035	0.023	0.06	23.06	23.50	0.039	2025/8/08	19#
Left Tilt 15 Degree	20175/1732.5	20M QPSK(1,49)	0.020	0.018	-1.56	23.06	23.50	0.022	2025/8/08	
Right Cheek	20175/1732.5	20M QPSK(1,49)	0.032	0.021	-3.24	23.06	23.50	0.035	2025/8/08	
Right Tilt 15 Degree	20175/1732.5	20M QPSK(1,49)	0.017	0.015	-1.20	23.06	23.50	0.019	2025/8/08	
50%RB										
Left Cheek	20175/1732.5	20M QPSK(50,49)	0.019	0.012	-3.12	22.61	23.00	0.021	2025/8/08	
Left Tilt 15 Degree	20175/1732.5	20M QPSK(50,49)	0.010	0.010	3.27	22.61	23.00	0.011	2025/8/08	
Right Cheek	20175/1732.5	20M QPSK(50,49)	0.018	0.012	-2.21	22.61	23.00	0.020	2025/8/08	
Right Tilt 15 Degree	20175/1732.5	20M QPSK(50,49)	0.009	0.009	-1.14	22.61	23.00	0.010	2025/8/08	

NOTE: Head SAR test results of LTE Band 4

Test Position of Body- Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1g	10g						
1RB										
Front Side	20175/1732.5	20M QPSK(1,49)	0.090	0.053	3.07	23.06	23.50	0.100	2025/8/08	
Back Side	20175/1732.5	20M QPSK(1,49)	0.173	0.106	4.02	23.06	23.50	0.191	2025/8/08	20#

50%RB										
Front Side	20175/1732.5	20M QPSK(50,49)	0.048	0.029	0.02	22.61	23.00	0.053	2025/8/08	
Back Side	20175/1732.5	20M QPSK(50,49)	0.095	0.054	0.53	22.61	23.00	0.104	2025/8/08	

NOTE: Body-Worn SAR test results of LTE Band 4

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	20175/1732.5	20M QPSK(1,49)	0.090	0.053	3.07	23.06	23.50	0.100	2025/8/08	
Back Side	20175/1732.5	20M QPSK(1,49)	0.173	0.106	4.02	23.06	23.50	0.191	2025/8/08	20#
Left Side	20175/1732.5	20M QPSK(1,49)	0.033	0.020	2.11	23.06	23.50	0.037	2025/8/08	
Right Side	20175/1732.5	20M QPSK(1,49)	0.046	0.027	3.68	23.06	23.50	0.051	2025/8/08	
Bottom Side	20175/1732.5	20M QPSK(1,49)	0.126	0.075	2.63	23.06	23.50	0.139	2025/8/08	
50%RB										
Front Side	20175/1732.5	20M QPSK(50,49)	0.048	0.029	0.02	22.61	23.00	0.053	2025/8/08	
Back Side	20175/1732.5	20M QPSK(50,49)	0.095	0.054	0.53	22.61	23.00	0.104	2025/8/08	
Left Side	20175/1732.5	20M QPSK(50,49)	0.017	0.012	1.82	22.61	23.00	0.019	2025/8/08	
Right Side	20175/1732.5	20M QPSK(50,49)	0.023	0.014	3.54	22.61	23.00	0.025	2025/8/08	
Bottom Side	20175/1732.5	20M QPSK(50,49)	0.074	0.041	-3.11	22.61	23.00	0.081	2025/8/08	

1.1.8. SAR measurement Result of LTE Band 5

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Left Cheek	20525/836.5	10M QPSK(1,24)	0.100	0.064	-4.73	22.73	23.00	0.106	2025/8/09	21#
Left Tilt 15 Degree	20525/836.5	10M QPSK(1,24)	0.058	0.036	-0.84	22.73	23.00	0.062	2025/8/09	
Right Cheek	20525/836.5	10M QPSK(1,24)	0.094	0.060	-3.51	22.73	23.00	0.100	2025/8/09	
Right Tilt 15 Degree	20525/836.5	10M QPSK(1,24)	0.048	0.029	0.52	22.73	23.00	0.051	2025/8/09	
50%RB										
Left Cheek	20525/836.5	10M QPSK(25,0)	0.056	0.037	1.98	22.31	22.50	0.059	2025/8/09	
Left Tilt 15 Degree	20525/836.5	10M QPSK(25,0)	0.034	0.019	-2.26	22.31	22.50	0.036	2025/8/09	
Right Cheek	20525/836.5	10M QPSK(25,0)	0.054	0.034	2.18	22.31	22.50	0.056	2025/8/09	
Right Tilt 15 Degree	20525/836.5	10M QPSK(25,0)	0.024	0.017	2.28	22.31	22.50	0.025	2025/8/09	

NOTE: Head SAR test results of LTE Band 5

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1g	10g						
1RB										
Front Side	20525/836.5	10M QPSK(1,24)	0.567	0.316	-3.74	22.73	23.00	0.603	2025/8/09	

Back Side	20525/836.5	10M QPSK(1,24)	0.609	0.346	-0.24	22.73	23.00	0.648	2025/8/09	22#
50%RB										
Front Side	20525/836.5	10M QPSK(25,0)	0.337	0.170	1.57	22.31	22.50	0.352	2025/8/09	
Back Side	20525/836.5	10M QPSK(25,0)	0.363	0.185	-2.66	22.31	22.50	0.379	2025/8/09	

NOTE: Body-Worn SAR test results of LTE Band 5

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	20525/836.5	10M QPSK(1,24)	0.567	0.316	-3.74	22.73	23.00	0.603	2025/8/09	
Back Side	20525/836.5	10M QPSK(1,24)	0.609	0.346	-0.24	22.73	23.00	0.648	2025/8/09	22#
Left Side	20525/836.5	10M QPSK(1,24)	0.310	0.167	-3.14	22.73	23.00	0.330	2025/8/09	
Right Side	20525/836.5	10M QPSK(1,24)	0.410	0.233	-3.81	22.73	23.00	0.436	2025/8/09	
Bottom Side	20525/836.5	10M QPSK(1,24)	0.338	0.182	3.24	22.73	23.00	0.360	2025/8/09	
50%RB										
Front Side	20525/836.5	10M QPSK(25,0)	0.337	0.170	1.57	22.31	22.50	0.352	2025/8/09	
Back Side	20525/836.5	10M QPSK(25,0)	0.363	0.185	-2.66	22.31	22.50	0.379	2025/8/09	
Left Side	20525/836.5	10M QPSK(25,0)	0.158	0.096	-3.79	22.31	22.50	0.165	2025/8/09	
Right Side	20525/836.5	10M QPSK(25,0)	0.208	0.123	-0.83	22.31	22.50	0.217	2025/8/09	
Bottom Side	20525/836.5	10M QPSK(25,0)	0.191	0.093	0.08	22.31	22.50	0.200	2025/8/09	

NOTE: 1.Hotspot SAR test results of LTE Band 5

2. Tested by : Max Zhou

1.1.9. SAR measurement Result of LTE Band 7

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Left Cheek	21100/2535	20M QPSK(1,49)	0.291	0.150	-0.29	23.15	23.50	0.315	2025/8/18	23#
Left Tilt 15 Degree	21100/2535	20M QPSK(1,49)	0.151	0.076	-0.20	23.15	23.50	0.164	2025/8/18	
Right Cheek	21100/2535	20M QPSK(1,49)	0.273	0.139	1.56	23.15	23.50	0.296	2025/8/18	
Right Tilt 15 Degree	21100/2535	20M QPSK(1,49)	0.141	0.073	-2.90	23.15	23.50	0.153	2025/8/18	
50%RB										
Left Cheek	21100/2535	20M QPSK(50,0)	0.147	0.080	0.58	22.73	23.00	0.156	2025/8/18	
Left Tilt 15 Degree	21100/2535	20M QPSK(50,0)	0.084	0.039	4.03	22.73	23.00	0.089	2025/8/18	
Right Cheek	21100/2535	20M QPSK(50,0)	0.142	0.080	-0.05	22.73	23.00	0.151	2025/8/18	
Right Tilt 15 Degree	21100/2535	20M QPSK(50,0)	0.071	0.037	4.79	22.73	23.00	0.076	2025/8/18	

NOTE: Head SAR test results of LTE Band 7

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1g	10g						
1RB										
Front Side	21100/2535	20M QPSK(1,49)	0.158	0.067	-3.89	23.15	23.50	0.171	2025/8/18	
Back Side	21100/2535	20M	0.748	0.333	1.56	23.15	23.50	0.811	2025/8/18	24#

		QPSK(1,49)								
50%RB										
Front Side	21100/2535	20M QPSK(50,0)	0.092	0.037	3.77	22.73	23.00	0.098	2025/8/18	
Back Side	21100/2535	20M QPSK(50,0)	0.384	0.189	2.84	22.73	23.00	0.409	2025/8/18	

NOTE: Body-Worn SAR test results of LTE Band 7

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	21100/2535	20M QPSK(1,49)	0.158	0.067	-3.89	23.15	23.50	0.171	2025/8/18	
Back Side	21100/2535	20M QPSK(1,49)	0.748	0.333	1.56	23.15	23.50	0.811	2025/8/18	24#
Left Side	21100/2535	20M QPSK(1,49)	0.117	0.051	-2.77	23.15	23.50	0.127	2025/8/18	
Right Side	21100/2535	20M QPSK(1,49)	0.038	0.017	-0.26	23.15	23.50	0.041	2025/8/18	
Top Side	21100/2535	20M QPSK(1,49)	0.474	0.205	-1.06	23.15	23.50	0.514	2025/8/18	
Back Side	20850/2510	20M QPSK(1,49)	0.738	0.326	-0.96	23.14	23.50	0.802	2025/8/18	
Back Side	21350/2560	20M QPSK(1,49)	0.725	0.315	1.15	23.10	23.50	0.795	2025/8/18	
Back Side Repeated	21100/2535	20M QPSK(1,49)	0.741	0.329	0.68	23.15	23.50	0.803	2025/8/18	
50%RB										
Front Side	21100/2535	20M QPSK(50,0)	0.092	0.037	3.77	22.73	23.00	0.098	2025/8/18	
Back Side	21100/2535	20M QPSK(50,0)	0.384	0.189	2.84	22.73	23.00	0.409	2025/8/18	
Left Side	21100/2535	20M QPSK(50,0)	0.059	0.026	-4.46	22.73	23.00	0.063	2025/8/18	
Right	21100/2535	20M	0.019	0.010	-0.49	22.73	23.00	0.020	2025/8/18	

Side		QPSK(50,0)								
Top Side	21100/2535	20M QPSK(50,0)	0.248	0.120	3.34	22.73	23.00	0.264	2025/8/18	
100%RB										
Back Side	21100/2535	20M QPSK(100,0)	0.314	0.159	-1.65	22.64	23.00	0.341	2025/8/18	

NOTE: 1.Hotspot SAR test results of LTE Band 7

2. Tested by : Max Zhou

1.1.10. SAR measurement Result of LTE Band 12

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Left Cheek	23095/707.5	10M QPSK(1,49)	0.078	0.064	-4.26	21.57	22.00	0.086	2025/8/11	25#
Left Tilt 15 Degree	23095/707.5	10M QPSK(1,49)	0.045	0.037	1.74	21.57	22.00	0.050	2025/8/11	
Right Cheek	23095/707.5	10M QPSK(1,49)	0.071	0.058	2.47	21.57	22.00	0.078	2025/8/11	
Right Tilt 15 Degree	23095/707.5	10M QPSK(1,49)	0.037	0.030	0.62	21.57	22.00	0.041	2025/8/11	
50%RB										
Left Cheek	23095/707.5	10M QPSK(25,0)	0.044	0.038	-4.12	21.13	21.00	0.043	2025/8/11	
Left Tilt 15 Degree	23095/707.5	10M QPSK(25,0)	0.025	0.020	-4.62	21.13	21.50	0.027	2025/8/11	
Right Cheek	23095/707.5	10M QPSK(25,0)	0.040	0.034	-1.85	21.13	21.00	0.039	2025/8/11	
Right Tilt 15 Degree	23095/707.5	10M QPSK(25,0)	0.020	0.016	0.50	21.13	21.00	0.019	2025/8/11	

NOTE: Head SAR test results of LTE Band 12

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	23095/707.5	10M QPSK(1,49)	0.300	0.172	3.02	21.57	22.00	0.331	2025/8/11	
Back Side	23095/707.5	10M QPSK(1,49)	0.302	0.174	-0.04	21.57	22.00	0.333	2025/8/11	26#
50%RB										
Front Side	23095/707.5	10M QPSK(25,0)	0.164	0.095	-3.63	21.13	21.00	0.159	2025/8/11	
Back Side	23095/707.5	10M QPSK(25,0)	0.156	0.103	-0.57	21.13	21.00	0.151	2025/8/11	

NOTE: Body-Worn SAR test results of LTE Band 12

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	23095/707.5	10M QPSK(1,49)	0.300	0.172	3.02	21.57	22.00	0.331	2025/8/11	
Back Side	23095/707.5	10M QPSK(1,49)	0.302	0.174	-0.04	21.57	22.00	0.333	2025/8/11	26#
Left Side	23095/707.5	10M QPSK(1,49)	0.165	0.094	-0.67	21.57	22.00	0.182	2025/8/11	
Right Side	23095/707.5	10M QPSK(1,49)	0.202	0.116	1.26	21.57	22.00	0.223	2025/8/11	
Bottom Side	23095/707.5	10M QPSK(1,49)	0.166	0.093	-3.32	21.57	22.00	0.183	2025/8/11	
50%RB										
Front Side	23095/707.5	10M QPSK(25,0)	0.164	0.095	-3.63	21.13	21.00	0.159	2025/8/11	
Back Side	23095/707.5	10M QPSK(25,0)	0.156	0.103	-0.57	21.13	21.00	0.151	2025/8/11	
Left Side	23095/707.5	10M	0.094	0.052	-1.09	21.13	21.00	0.091	2025/8/11	

with 10mm								(W/Kg)		
1RB										
Front Side	23790/710	10M QPSK(1,49)	0.324	0.185	-3.48	21.88	22.00	0.333	2025/8/11	
Back Side	23790/710	10M QPSK(1,49)	0.325	0.187	-0.35	21.88	22.00	0.334	2025/8/11	28#
50%RB										
Front Side	23790/710	10M QPSK(25,12)	0.170	0.105	2.96	21.24	21.50	0.180	2025/8/11	
Back Side	23790/710	10M QPSK(25,12)	0.178	0.094	-1.48	21.24	21.50	0.189	2025/8/11	

NOTE: Body-Worn SAR test results of LTE Band 17

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	23790/710	10M QPSK(1,49)	0.324	0.185	-3.48	21.88	22.00	0.333	2025/8/11	
Back Side	23790/710	10M QPSK(1,49)	0.325	0.187	-0.35	21.88	22.00	0.334	2025/8/11	28#
Left Side	23790/710	10M QPSK(1,49)	0.170	0.096	3.49	21.88	22.00	0.175	2025/8/11	
Right Side	23790/710	10M QPSK(1,49)	0.221	0.125	3.31	21.88	22.00	0.227	2025/8/11	
Bottom Side	23790/710	10M QPSK(1,49)	0.177	0.099	3.49	21.88	22.00	0.182	2025/8/11	
50%RB										
Front Side	23790/710	10M QPSK(25,12)	0.170	0.105	2.96	21.24	21.50	0.180	2025/8/11	
Back Side	23790/710	10M QPSK(25,12)	0.178	0.094	-1.48	21.24	21.50	0.189	2025/8/11	
Left Side	23790/710	10M QPSK(25,12)	0.093	0.051	2.35	21.24	21.50	0.099	2025/8/11	
Right Side	23790/710	10M QPSK(25,12)	0.120	0.068	0.47	21.24	21.50	0.127	2025/8/11	
Bottom Side	23790/710	10M QPSK(25,12)	0.095	0.058	2.97	21.24	21.50	0.101	2025/8/11	

NOTE: 1.Hotspot SAR test results of LTE Band 17

2. Tested by : Jack Peng

1.1.12. SAR measurement Result of LTE Band 25

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Left Cheek	26365/1882.5	20M QPSK(1,49)	0.039	0.026	2.94	22.86	23.50	0.045	2025/8/17	29#
Left Tilt 15 Degree	26365/1882.5	20M QPSK(1,49)	0.022	0.014	2.27	22.86	23.50	0.025	2025/8/17	
Right Cheek	26365/1882.5	20M QPSK(1,49)	0.034	0.023	1.95	22.86	23.50	0.039	2025/8/17	
Right Tilt 15 Degree	26365/1882.5	20M QPSK(1,49)	0.018	0.016	0.46	22.86	23.50	0.021	2025/8/17	
50%RB										
Left Cheek	26365/1882.5	20M QPSK(25,0)	0.022	0.014	-1.91	22.55	23.00	0.024	2025/8/17	
Left Tilt 15 Degree	26365/1882.5	20M QPSK(25,0)	0.012	0.008	-2.27	22.55	23.00	0.013	2025/8/17	
Right Cheek	26365/1882.5	20M QPSK(25,0)	0.020	0.013	3.03	22.55	23.00	0.022	2025/8/17	
Right Tilt 15 Degree	26365/1882.5	20M QPSK(25,0)	0.010	0.008	0.91	22.55	23.00	0.011	2025/8/17	

NOTE: Head SAR test results of LTE Band 25

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	26365/1882.5	20M QPSK(1,49)	0.189	0.110	-0.91	22.86	23.50	0.219	2025/8/17	
Back Side	26365/1882.5	20M QPSK(1,49)	0.404	0.237	2.64	22.86	23.50	0.468	2025/8/17	30#
50%RB										
Front Side	26365/1882.5	20M QPSK(25,0)	0.108	0.057	-3.88	22.55	23.00	0.120	2025/8/17	
Back Side	26365/1882.5	20M QPSK(25,0)	0.210	0.135	2.39	22.55	23.00	0.233	2025/8/17	

NOTE: Body-Worn SAR test results of LTE Band 25

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	26365/1882.5	20M QPSK(1,49)	0.189	0.110	-0.91	22.86	23.50	0.219	2025/8/17	
Back Side	26365/1882.5	20M QPSK(1,49)	0.404	0.237	2.64	22.86	23.50	0.468	2025/8/17	30#
Left Side	26365/1882.5	20M QPSK(1,49)	0.065	0.036	0.26	22.86	23.50	0.075	2025/8/17	
Right Side	26365/1882.5	20M QPSK(1,49)	0.092	0.052	-0.83	22.86	23.50	0.107	2025/8/17	
Bottom Side	26365/1882.5	20M QPSK(1,49)	0.294	0.169	0.89	22.86	23.50	0.341	2025/8/17	
50%RB										
Front Side	26365/1882.5	20M QPSK(25,0)	0.108	0.057	-3.88	22.55	23.00	0.120	2025/8/17	
Back Side	26365/1882.5	20M QPSK(25,0)	0.210	0.135	2.39	22.55	23.00	0.233	2025/8/17	
Left Side	26365/1882.5	20M QPSK(25,0)	0.036	0.019	-2.83	22.55	23.00	0.040	2025/8/17	
Right Side	26365/1882.5	20M	0.053	0.027	3.15	22.55	23.00	0.059	2025/8/17	

		QPSK(25,0)							
Bottom Side	26365/1882.5	20M QPSK(25,0)	0.147	0.100	1.77	22.55	23.00	0.163	2025/8/17

NOTE: 1. Hotspot SAR test results of LTE Band 25

2. Tested by : Jack Peng

1.1.13. SAR measurement Result of LTE Band 26a

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Left Cheek	26740/819	10M QPSK(1,0)	0.126	0.099	1.00	22.48	22.50	0.127	2025/8/16	31#
Left Tilt 15 Degree	26740/819	10M QPSK(1,0)	0.072	0.055	-2.69	22.48	22.50	0.072	2025/8/16	
Right Cheek	26740/820	10M QPSK(1,0)	0.110	0.084	-1.93	22.48	22.50	0.111	2025/8/16	
Right Tilt 15 Degree	26740/821	10M QPSK(1,0)	0.053	0.040	3.23	22.48	22.50	0.053	2025/8/16	
50%RB										
Left Cheek	26740/819	10M QPSK(25,24)	0.064	0.059	4.93	21.92	22.00	0.065	2025/8/16	
Left Tilt 15 Degree	26740/819	10M QPSK(25,24)	0.039	0.029	-1.71	21.92	22.00	0.040	2025/8/16	
Right Cheek	26740/819	10M QPSK(25,24)	0.061	0.047	-1.99	21.92	22.00	0.062	2025/8/16	
Right Tilt 15 Degree	26740/819	10M QPSK(25,24)	0.029	0.023	-0.71	21.92	22.00	0.030	2025/8/16	

NOTE: Head SAR test results of LTE Band 26b

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	26740/819	10M	0.630	0.356	1.05	22.48	22.50	0.633	2025/8/16	

		QPSK(1,0)								
Back Side	26740/819	10M QPSK(1,0)	0.652	0.372	-0.17	22.48	22.50	0.655	2025/8/16	32#
50%RB										
Front Side	26740/819	10M QPSK(25,24)	0.376	0.204	2.21	21.92	22.00	0.383	2025/8/16	
Back Side	26740/819	10M QPSK(25,24)	0.379	0.190	2.31	21.92	22.00	0.386	2025/8/16	

NOTE: Body-Worn SAR test results of LTE Band 26b

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	26740/819	10M QPSK(1,0)	0.630	0.356	1.05	22.48	22.50	0.633	2025/8/16	
Back Side	26740/819	10M QPSK(1,0)	0.652	0.372	-0.17	22.48	22.50	0.655	2025/8/16	32#
Left Side	26740/819	10M QPSK(1,0)	0.330	0.186	-0.85	22.48	22.50	0.332	2025/8/16	
Right Side	26740/819	10M QPSK(1,0)	0.449	0.248	-3.55	22.48	22.50	0.451	2025/8/16	
Bottom Side	26740/819	10M QPSK(1,0)	0.364	0.201	3.97	22.48	22.50	0.366	2025/8/16	
50%RB										
Front Side	26740/819	10M QPSK(25,24)	0.376	0.204	2.21	21.92	22.00	0.383	2025/8/16	
Back Side	26740/819	10M QPSK(25,24)	0.379	0.190	2.31	21.92	22.00	0.386	2025/8/16	
Left Side	26740/819	10M QPSK(25,24)	0.175	0.105	-0.73	21.92	22.00	0.178	2025/8/16	
Right Side	26740/819	10M QPSK(25,24)	0.232	0.141	2.26	21.92	22.00	0.236	2025/8/16	
Bottom Side	26740/819	10M QPSK(25,24)	0.187	0.108	4.06	21.92	22.00	0.190	2025/8/16	

NOTE: 1.Hotspot SAR test results of LTE Band 26a

2.Tested by : Jack Peng

1.1.14. SAR measurement Result of LTE Band 26b

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Left Cheek	26865/831.5	15M QPSK(1,37)	0.097	0.077	3.43	22.70	23.00	0.104	2025/8/16	33#
Left Tilt 15 Degree	26865/831.5	15M QPSK(1,37)	0.052	0.040	-1.41	22.70	23.00	0.056	2025/8/16	
Right Cheek	26865/831.5	15M QPSK(1,37)	0.085	0.067	-0.41	22.70	23.00	0.091	2025/8/16	
Right Tilt 15 Degree	26865/831.5	15M QPSK(1,37)	0.040	0.030	2.22	22.70	23.00	0.043	2025/8/16	
50%RB										
Left Cheek	26865/831.5	15M QPSK(36,0)	0.053	0.042	3.86	22.19	22.50	0.057	2025/8/16	
Left Tilt 15 Degree	26865/831.5	15M QPSK(36,0)	0.030	0.024	-3.90	22.19	22.50	0.032	2025/8/16	
Right Cheek	26865/831.5	15M QPSK(36,0)	0.050	0.039	0.26	22.19	22.50	0.054	2025/8/16	
Right Tilt 15 Degree	26865/831.5	15M QPSK(36,0)	0.023	0.016	3.08	22.19	22.50	0.025	2025/8/16	

NOTE: Head SAR test results of LTE Band 26b

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	26865/831.5	15M QPSK(1,37)	0.621	0.344	-1.50	22.70	23.00	0.665	2025/8/16	
Back Side	26865/831.5	15M QPSK(1,37)	0.646	0.369	-0.96	22.70	23.00	0.692	2025/8/16	34#
50%RB										
Front Side	26865/831.5	15M	0.312	0.188	1.17	22.19	22.50	0.335	2025/8/16	

		QPSK(36,0)								
Back Side	26865/831.5	15M QPSK(36,0)	0.370	0.204	-0.79	22.19	22.50	0.397	2025/8/16	

NOTE: Body-Worn SAR test results of LTE Band 26b

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	26865/831.5	15M QPSK(1,37)	0.621	0.344	-1.50	22.70	23.00	0.665	2025/8/16	
Back Side	26865/831.5	15M QPSK(1,37)	0.646	0.369	-0.96	22.70	23.00	0.692	2025/8/16	34#
Left Side	26865/831.5	15M QPSK(1,37)	0.340	0.192	-1.67	22.70	23.00	0.364	2025/8/16	
Right Side	26865/831.5	15M QPSK(1,37)	0.449	0.254	-1.34	22.70	23.00	0.481	2025/8/16	
Bottom Side	26865/831.5	15M QPSK(1,37)	0.359	0.201	3.25	22.70	23.00	0.385	2025/8/16	
50%RB										
Front Side	26865/831.5	15M QPSK(36,0)	0.312	0.188	1.17	22.19	22.50	0.335	2025/8/16	
Back Side	26865/831.5	15M QPSK(36,0)	0.370	0.204	-0.79	22.19	22.50	0.397	2025/8/16	
Left Side	26865/831.5	15M QPSK(36,0)	0.196	0.104	2.35	22.19	22.50	0.211	2025/8/16	
Right Side	26865/831.5	15M QPSK(36,0)	0.267	0.127	-2.52	22.19	22.50	0.287	2025/8/16	
Bottom Side	26865/831.5	15M QPSK(36,0)	0.199	0.113	-4.47	22.19	22.50	0.214	2025/8/16	

NOTE: 1.Hotspot SAR test results of LTE Band 26b

2.Tested by : Jack Peng

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	636666/3549.99	100M QPSK(1,1)	0.200	0.086	2.80	23.99	24.00	0.200	2025/8/19	
Back Side	636666/3549.99	100M QPSK(1,1)	0.351	0.158	4.45	23.99	24.00	0.352	2025/8/19	36#
50%RB										

Front Side	636666/3549.99	100M QPSK(1,1)	0.039	0.017	3.44	23.99	24.00	0.039	2025/8/19	
Back Side	636666/3549.99	100M QPSK(1,1)	0.117	0.052	-3.52	23.99	24.00	0.117	2025/8/19	

NOTE: Body-Worn SAR test results of LTE Band 71

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
1RB										
Front Side	636666/3549.99	100M QPSK(1,1)	0.200	0.086	2.80	23.99	24.00	0.200	2025/8/19	
Back Side	636666/3549.99	100M QPSK(1,1)	0.351	0.158	4.45	23.99	24.00	0.352	2025/8/19	36#
Left Side	636666/3549.99	100M QPSK(1,1)	0.280	0.121	-1.96	23.99	24.00	0.281	2025/8/19	
Right Side	636666/3549.99	100M QPSK(1,1)	0.039	0.017	3.44	23.99	24.00	0.039	2025/8/19	
Top Side	636666/3549.99	100M QPSK(1,1)	0.117	0.052	-3.52	23.99	24.00	0.117	2025/8/19	
50%RB										
Front Side	636666/3549.99	100M QPSK(135,67)	0.106	0.045	-4.78	22.99	23.00	0.106	2025/8/19	
Back Side	636666/3549.99	100M QPSK(135,67)	0.201	0.084	2.14	22.99	23.00	0.201	2025/8/19	
Left Side	636666/3549.99	100M QPSK(135,67)	0.166	0.062	-4.39	22.99	23.00	0.166	2025/8/19	
Right Side	636666/3549.99	100M QPSK(135,67)	0.021	0.010	2.26	22.99	23.00	0.021	2025/8/19	
Top Side	636666/3549.99	100M QPSK(135,67)	0.069	0.028	3.84	22.99	23.00	0.069	2025/8/19	

NOTE: 1.Hotspot SAR test results of LTE Band 71

2. Tested by : Jack Peng

1.1.16. SAR measurement Result of WLAN2.4G

Test Position of Head	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Left Cheek	6/2437	802.11b	0.048	0.025	2.93	15.77	16.00	0.051	2025/8/12	15#
Left Tilt 15 Degree	6/2437	802.11b	0.024	0.012	2.66	15.77	16.00	0.025	2025/8/12	
Right Cheek	6/2437	802.11b	0.045	0.023	-3.44	15.77	16.00	0.047	2025/8/12	
Right Tilt 15 Degree	6/2437	802.11b	0.023	0.012	-0.88	15.77	16.00	0.024	2025/8/12	

NOTE: Head SAR test results of WLAN 2.4G

Test Position of Body-Worn with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.066	0.035	0.18	15.77	16.00	0.070	2025/8/12	
Back Side	6/2437	802.11b	0.073	0.039	4.62	15.77	16.00	0.077	2025/8/12	16#

NOTE: Body-worn SAR test results of WLAN 2.4G

Test Position of Hotspot with 10mm	Test channel /Freq.	Test Mode	SAR Value (W/kg)		Power Drift (±5%)	Conducted power (dBm)	Tune-up power (dBm)	Scaled SAR 1g (W/Kg)	Date	Plot
			1-g	10-g						
Front Side	6/2437	802.11b	0.066	0.035	0.18	15.77	16.00	0.070	2025/8/12	
Back Side	6/2437	802.11b	0.073	0.039	4.62	15.77	16.00	0.077	2025/8/12	16#
Right Side	6/2437	802.11b	0.033	0.017	3.06	15.77	16.00	0.035	2025/8/12	
Top Side	6/2437	802.11b	0.033	0.017	-0.52	15.77	16.00	0.035	2025/8/12	

NOTE: 1.Hotspot SAR test results of WLAN2.4G

2. Tested by : Max Zhou

1.1.17. SAR measurement Result of WLAN5.2G

Test Position of Head	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						
Left Cheek	40/5200	802.11ac VHT20	0.589	0.211	-4.38	11.79	12.00	0.618	2025/8/13	11#
Left Tilt 15 Degree	40/5200	802.11ac VHT20	0.353	0.124	2.14	11.79	12.00	0.370	2025/8/13	
Left Cheek	40/5200	802.11ac VHT20	0.589	0.211	-4.38	11.79	12.00	0.618	2025/8/13	
Left Tilt 15 Degree	40/5200	802.11ac VHT20	0.353	0.124	2.14	11.79	12.00	0.370	2025/8/13	

NOTE: Head SAR test results of WLAN5.2G

Test Position of Body-Worn 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	40/5200	802.11ac VHT20	0.189	0.076	1.59	11.79	12.00	0.198	2025/8/13	
Back Side	40/5200	802.11ac VHT20	0.237	0.097	-2.47	11.79	12.00	0.249	2025/8/13	

NOTE: Body-worn SAR test results of WLAN5.2G

Test Position of Hotspot 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	40/5200	802.11ac VHT20	0.189	0.076	1.59	11.79	12.00	0.198	2025/8/13	
Back Side	40/5200	802.11ac VHT20	0.237	0.097	-2.47	11.79	12.00	0.249	2025/8/13	
Right Side	40/5200	802.11ac VHT20	0.129	0.053	2.52	11.79	12.00	0.135	2025/8/13	
Top Side	40/5200	802.11ac VHT20	0.381	0.160	-0.86	11.79	12.00	0.400	2025/8/13	12#

NOTE: 1.Hotspot SAR test results of WLAN5.2G

2. Tested by : Jack Peng

1.1.18. SAR measurement Result of WLAN5.8G

Test Position of Head	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						
Left Cheek	157/5785	802.11n HT40	0.370	0.124	-1.90	12.44	12.50	0.375	2025/8/14	13#
Left Tilt 15 Degree	157/5785	802.11n HT40	0.209	0.069	1.01	12.44	12.50	0.212	2025/8/14	
Right Cheek	157/5785	802.11n HT40	0.336	0.111	2.11	12.44	12.50	0.341	2025/8/14	
Right Tilt 15 Degree	157/5785	802.11n HT40	0.169	0.054	-3.45	12.44	12.50	0.171	2025/8/14	

NOTE: Head SAR test results of WLAN5.8G

Test Position of Body-Worn 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	157/5785	802.11n HT40	0.059	0.027	2.21	12.44	12.50	0.060	2025/8/14	
Back Side	157/5785	802.11n HT40	0.061	0.027	1.78	12.44	12.50	0.062	2025/8/14	

NOTE: Body-worn SAR test results of WLAN5.8G

Test Position of Hotspot 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	157/5785	802.11n HT40	0.059	0.027	2.21	12.44	12.50	0.060	2025/8/14	
Back Side	157/5785	802.11n HT40	0.061	0.027	1.78	12.44	12.50	0.062	2025/8/14	
Right Side	157/5785	802.11n HT40	0.036	0.016	-1.60	12.44	12.50	0.037	2025/8/14	

Top Side	157/5785	802.11n HT40	0.109	0.051	3.26	12.44	12.50	0.111	2025/8/14	14#
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NOTE: 1.Hotspot SAR test results of WLAN5.8G

2. Tested by : Max Zhou

1.2. Simultaneous Transmission Analysis

Per KDB 447498 D01, simultaneous transmission SAR is compliant if,

- 1) Scalar SAR summation $< 1.6\text{W/kg}$.
- 2) $\text{SPLSR} = (\text{SAR}_1 + \text{SAR}_2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates of the extrapolated peak SAR locations in the zoom scan. If $\text{SPLSR} \leq 0.04$, simultaneously transmission SAR measurement is not necessary.

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DTS			
Head	Left Cheek	0.315	0.051	0.366	N/A	N/A
	Left Tilt 15 Degree	0.164	0.025	0.189	N/A	N/A
	Right Cheek	0.296	0.047	0.343	N/A	N/A
	Right Tilt 15 Degree	0.153	0.024	0.177	N/A	N/A
Body-Worn	Front Side	1.026	0.07	1.096	N/A	N/A
	Back Side	1.131	0.077	1.208	N/A	N/A
Hotspot	Front Side	1.026	0.07	1.096	N/A	N/A
	Back Side	1.131	0.077	1.208	N/A	N/A
	Left Side	0.64	N/A	0.64	N/A	N/A
	Right Side	0.812	0.035	0.847	N/A	N/A
	Top Side	0.514	0.035	0.549	N/A	N/A
	Bottom Side	0.66	N/A	0.66	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	NII			
Head	Left Cheek	0.315	0.618	0.933	N/A	N/A
	Left Tilt 15 Degree	0.164	0.37	0.534	N/A	N/A
	Right Cheek	0.296	0.565	0.861	N/A	N/A
	Right Tilt 15 Degree	0.153	0.264	0.417	N/A	N/A

Body-Worn	Front Side	1.026	0.198	1.224	N/A	N/A
	Back Side	1.131	0.249	1.38	N/A	N/A
Hotspot	Front Side	1.026	0.198	1.224	N/A	N/A
	Back Side	1.131	0.249	1.38	N/A	N/A
	Left Side	0.64	N/A	0.64	N/A	N/A
	Right Side	0.812	0.135	0.947	N/A	N/A
	Top Side	0.514	0.4	0.914	N/A	N/A
	Bottom Side	0.66	N/A	0.66	N/A	N/A

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		WWAN	DSS			
Head	Left Cheek	0.315	0.149	0.464	N/A	N/A
	Left Tilt 15 Degree	0.164	0.149	0.313	N/A	N/A
	Right Cheek	0.296	0.149	0.445	N/A	N/A
	Right Tilt 15 Degree	0.153	0.149	0.302	N/A	N/A
Body-Worn	Front Side	1.026	0.074	1.1	N/A	N/A
	Back Side	1.131	0.074	1.205	N/A	N/A
Hotspot	Front Side	1.026	0.074	1.1	N/A	N/A
	Back Side	1.131	0.074	1.205	N/A	N/A
	Left Side	0.64	N/A	0.64	N/A	N/A
	Right Side	0.812	0.074	0.886	N/A	N/A
	Top Side	0.514	0.074	0.588	N/A	N/A
	Bottom Side	0.66	N/A	0.66	N/A	N/A

NSA+ NII

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		N78+LTE Band2	NII			
Head	Left Cheek	0.172	0.618	0.79	N/A	N/A
	Left Tilt 15 Degree	0.097	0.37	0.467	N/A	N/A
	Right Cheek	0.159	0.565	0.724	N/A	N/A

	Right Tilt 15 Degree	0.077	0.264	0.341	N/A	N/A
Body-Worn	Front Side	0.449	0.198	0.647	N/A	N/A
	Back Side	0.86	0.249	1.109	N/A	N/A
Hotspot	Front Side	0.449	0.198	0.647	N/A	N/A
	Back Side	0.86	0.249	1.109	N/A	N/A
	Left Side	0.359	N/A	0.359	N/A	N/A
	Right Side	0.161	0.135	0.296	N/A	N/A
	Top Side	0.117	0.4	0.517	N/A	N/A
	Bottom Side	0.371	N/A	0.371	N/A	N/A

NSA+ DSS

Test Position		Scaled SAR _{MAX}		Σ 1-g SAR (W/Kg)	SPLSR	Remark
		N78+LTE Band2	DSS			
Head	Left Cheek	0.172	0.149	0.321	N/A	N/A
	Left Tilt 15 Degree	0.097	0.149	0.246	N/A	N/A
	Right Cheek	0.159	0.149	0.308	N/A	N/A
	Right Tilt 15 Degree	0.077	0.149	0.226	N/A	N/A
Body-Worn	Front Side	0.449	0.074	0.523	N/A	N/A
	Back Side	0.86	0.074	0.934	N/A	N/A
Hotspot	Front Side	0.449	0.074	0.523	N/A	N/A
	Back Side	0.86	0.074	0.934	N/A	N/A
	Left Side	0.359	N/A	0.359	N/A	N/A
	Right Side	0.161	0.074	0.235	N/A	N/A
	Top Side	0.117	0.074	0.191	N/A	N/A
	Bottom Side	0.371	N/A	0.371	N/A	N/A

2. Appendix A. Photo documentation

Refer to appendix Test Setup photo---SAR

3. Appendix B. System Check Plots

Table of contents
MEASUREMENT 1 System Performance Check - 750MHz
MEASUREMENT 2 System Performance Check - 835MHz
MEASUREMENT 3 System Performance Check - 835MHz
MEASUREMENT 4 System Performance Check - 1800MHz
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MEASUREMENT 6 System Performance Check - 1900MHz
MEASUREMENT 7 System Performance Check - 2450MHz
MEASUREMENT 8 System Performance Check - 2600MHz
MEASUREMENT 9 System Performance Check - 3500MHz
MEASUREMENT 10 System Performance Check - 5200MHz
MEASUREMENT 11 System Performance Check - 5800MHz

1# System check at 750 MHz

Date of measurement: 11/8/2025

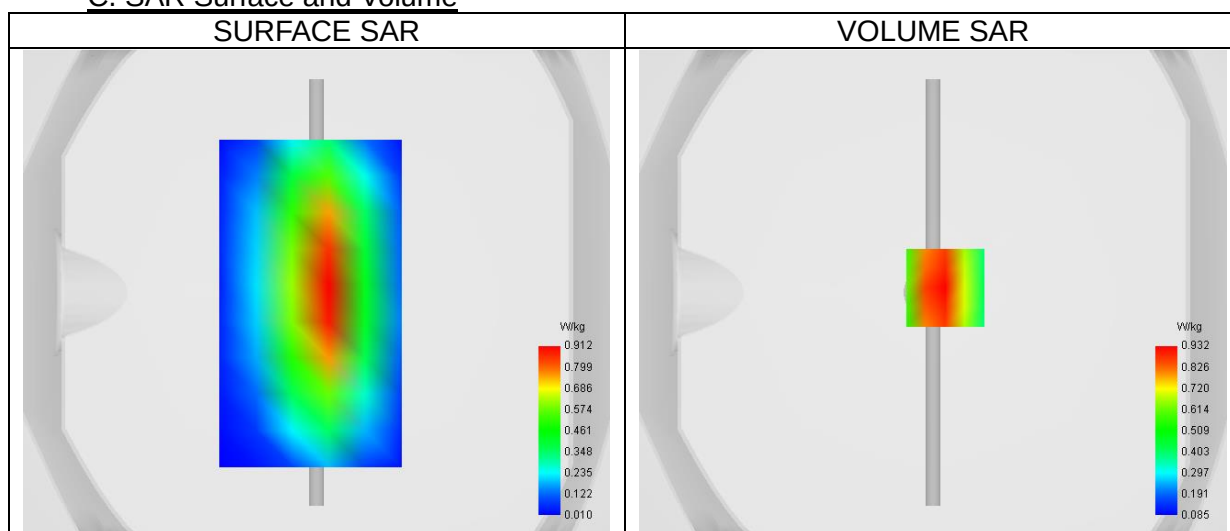
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.39
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	750.00
Relative permittivity (real part)	40.72
Relative permittivity (imaginary part)	21.41
Conductivity (S/m)	0.89

C. SAR Surface and Volume



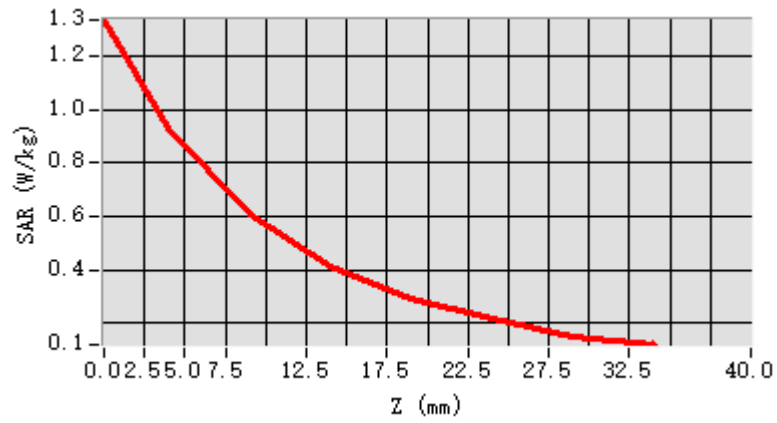
Maximum location: X=5.00, Y=2.00 ; SAR Peak: 1.35 W/kg

D. SAR 1g & 10g

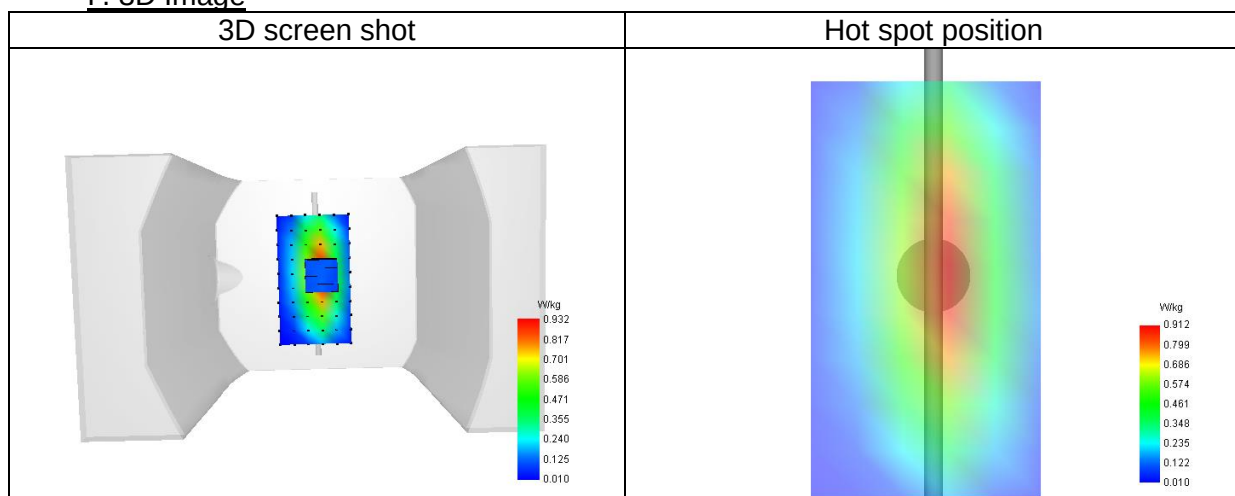
SAR 10g (W/Kg)	0.560
SAR 1g (W/Kg)	0.902
Variation (%)	-0.40
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	65.65

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.337	0.932	0.610	0.415	0.294	0.214	0.148



F. 3D Image



2# System check at 835 MHz
Date of measurement: 9/8/2025

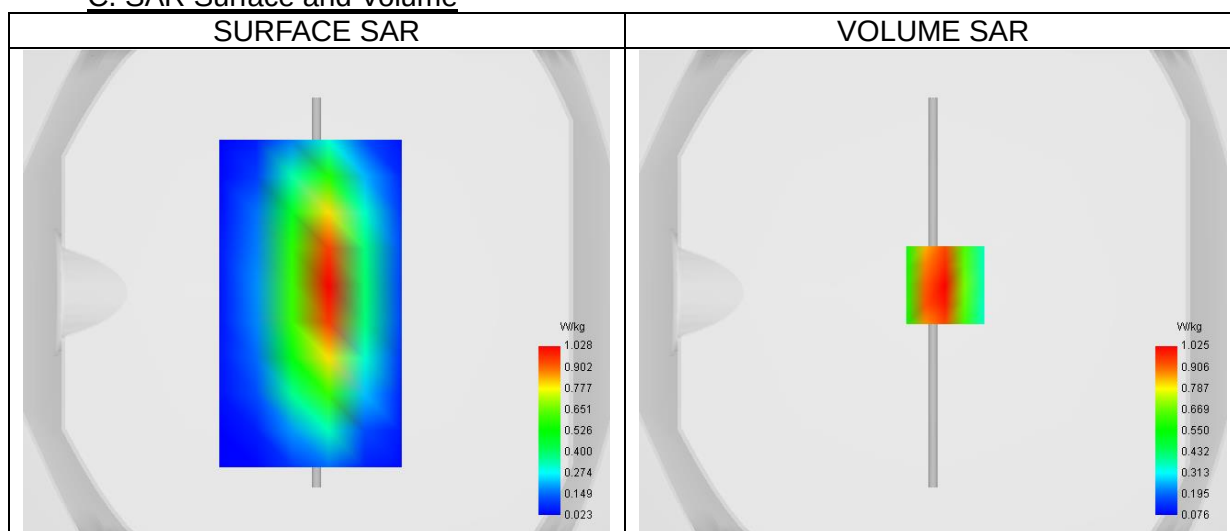
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	835.00
Relative permittivity (real part)	42.06
Relative permittivity (imaginary part)	19.85
Conductivity (S/m)	0.92

C. SAR Surface and Volume



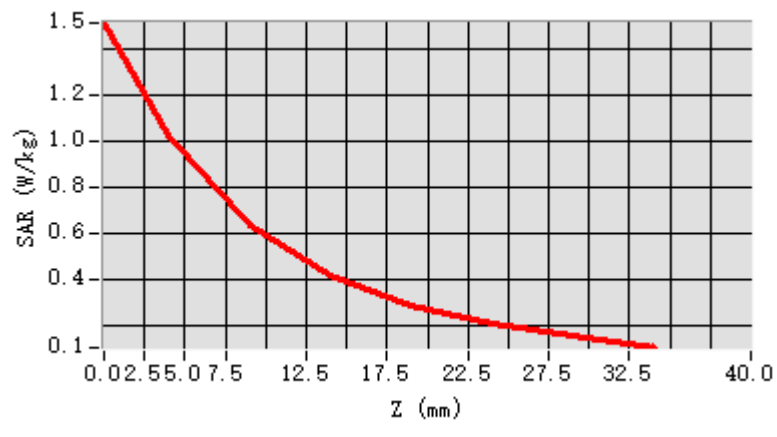
Maximum location: X=5.00, Y=3.00 ; SAR Peak: 1.56 W/kg

D. SAR 1g & 10g

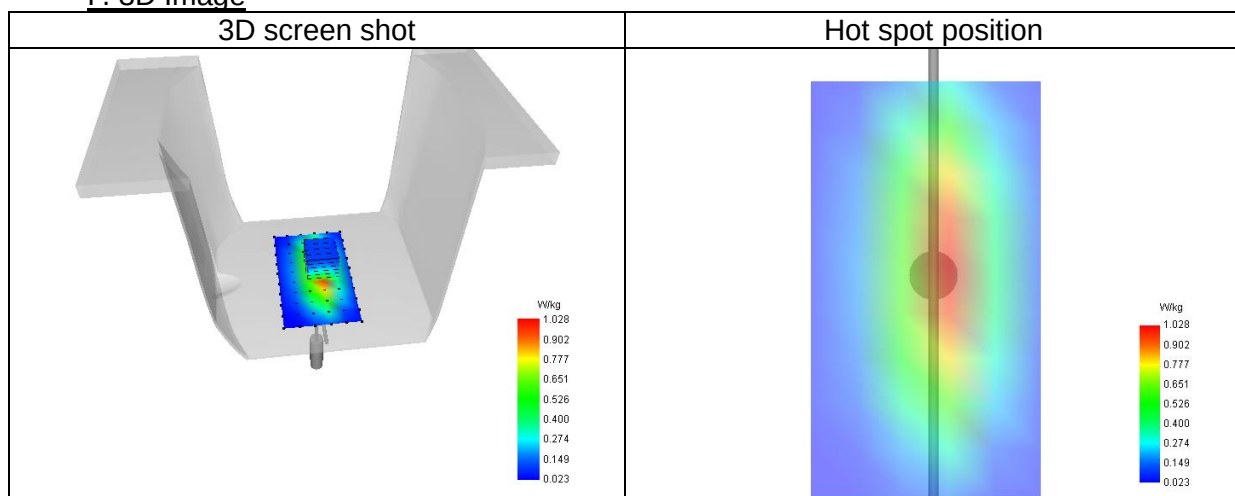
SAR 10g (W/Kg)	0.581
SAR 1g (W/Kg)	0.995
Variation (%)	-0.05
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	61.74

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.508	1.025	0.633	0.422	0.287	0.207	0.157



F. 3D Image



3# System check at 835 MHz

Date of measurement: 16/8/2025

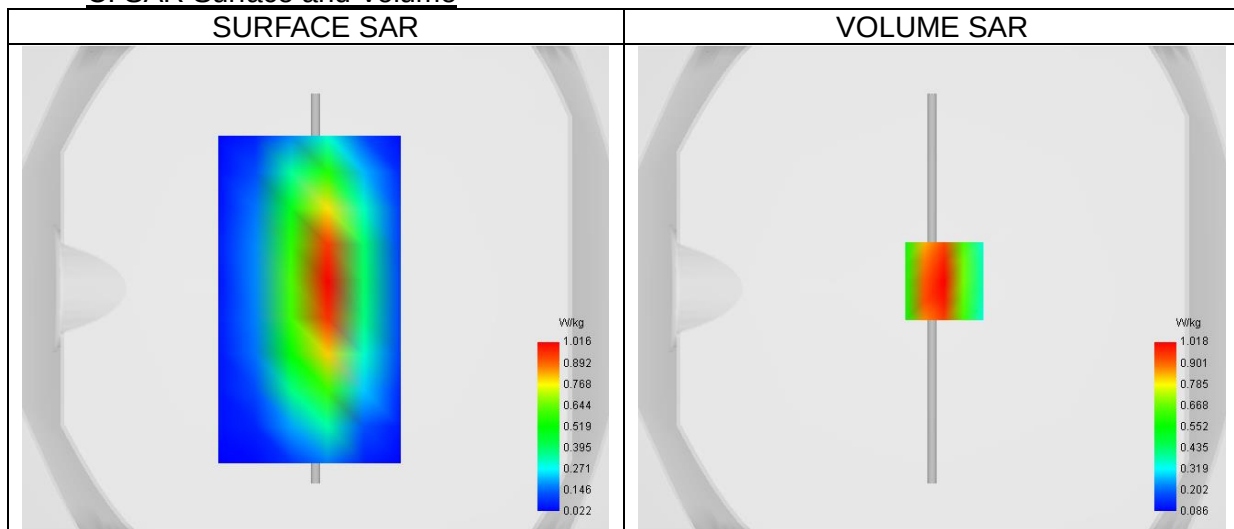
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	835.00
Relative permittivity (real part)	41.92
Relative permittivity (imaginary part)	19.73
Conductivity (S/m)	0.92

C. SAR Surface and Volume



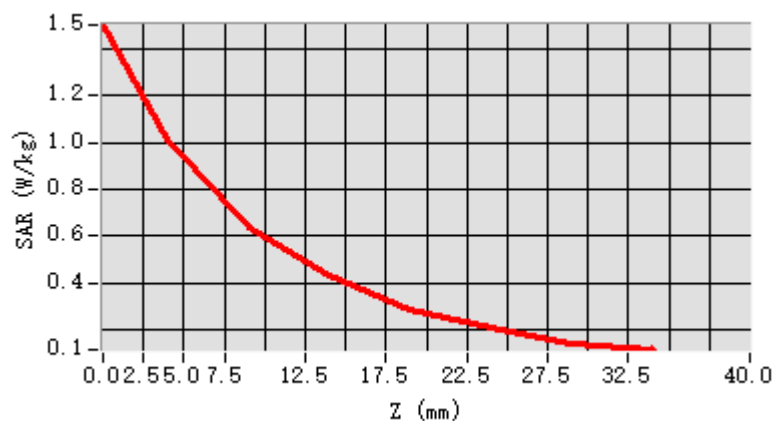
Maximum location: X=5.00, Y=3.00 ; SAR Peak: 1.54 W/kg

D. SAR 1g & 10g

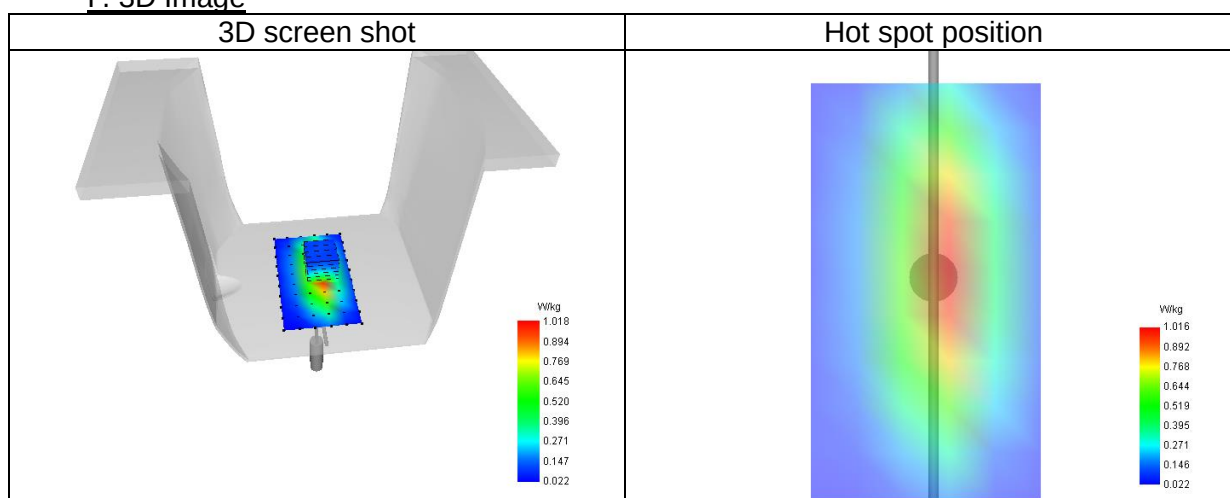
SAR 10g (W/Kg)	0.587
SAR 1g (W/Kg)	0.993
Variation (%)	-0.55
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	62.31

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.502	1.018	0.634	0.429	0.285	0.211	0.146



F. 3D Image



4# System check at 1800 MHz
Date of measurement: 8/8/2025

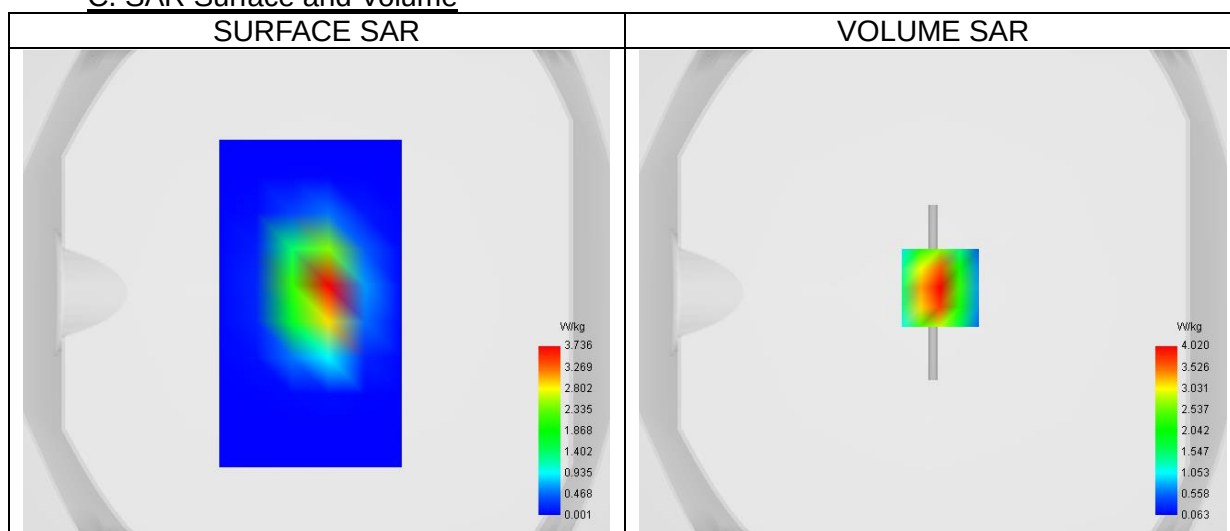
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.50
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	1800.00
Relative permittivity (real part)	38.79
Relative permittivity (imaginary part)	13.81
Conductivity (S/m)	1.38

C. SAR Surface and Volume



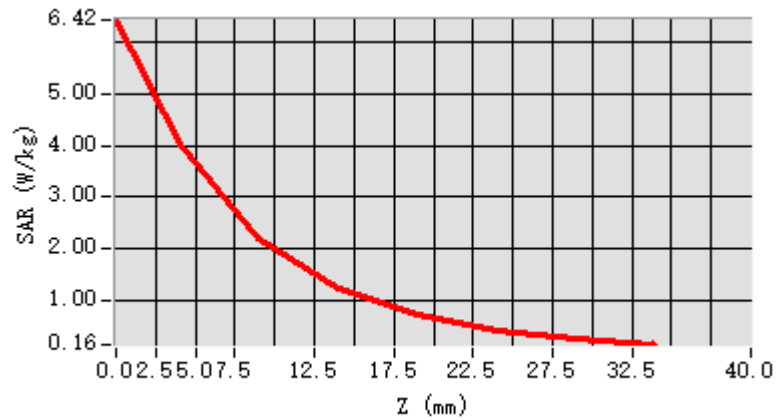
Maximum location: X=3.00, Y=2.00 ; SAR Peak: 6.50 W/kg

D. SAR 1g & 10g

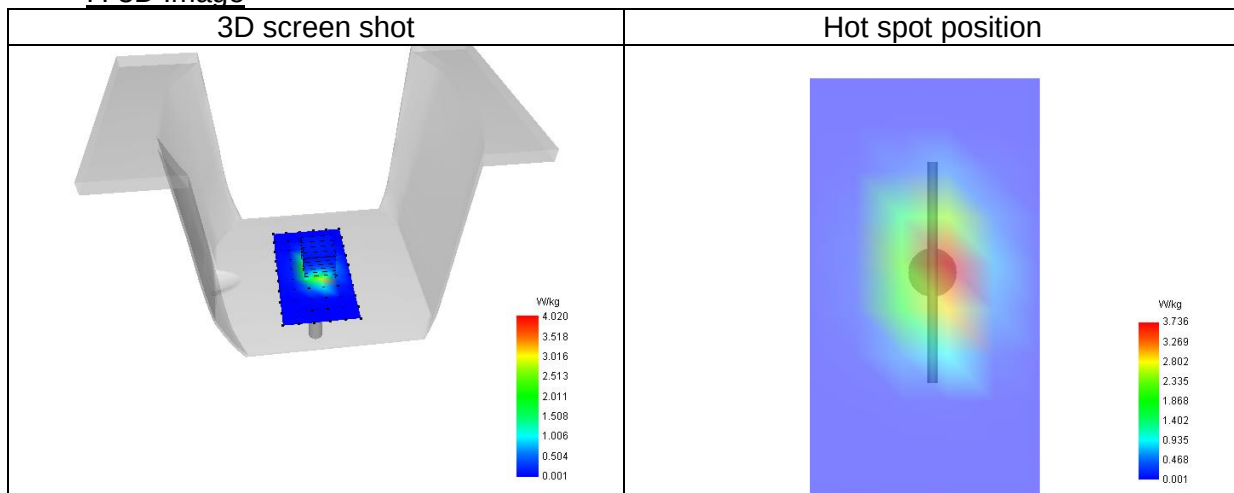
SAR 10g (W/Kg)	1.927
SAR 1g (W/Kg)	3.819
Variation (%)	-0.14
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	54.58

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.417	4.020	2.194	1.258	0.736	0.439	0.263



F. 3D Image



5# System check at 1900 MHz
Date of measurement: 10/8/2025

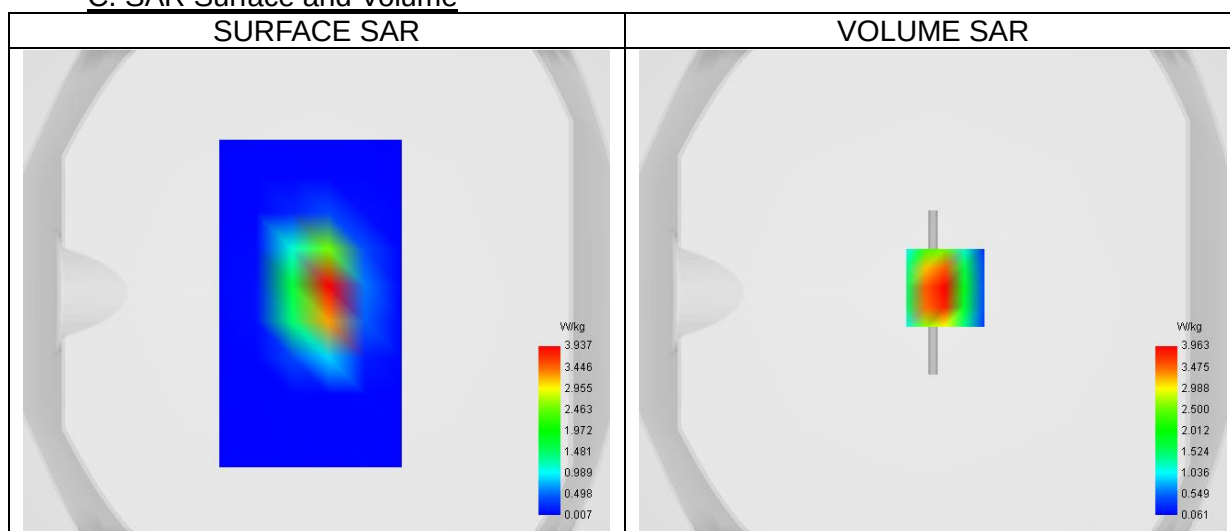
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.58
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	1900.00
Relative permittivity (real part)	38.18
Relative permittivity (imaginary part)	13.58
Conductivity (S/m)	1.43

C. SAR Surface and Volume



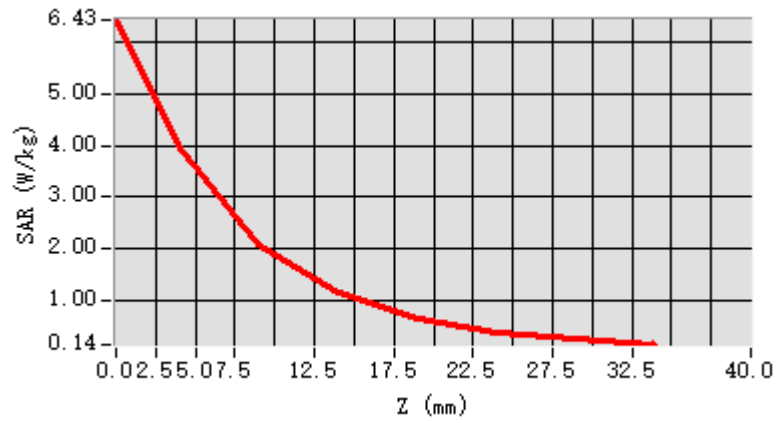
Maximum location: X=5.00, Y=2.00 ; SAR Peak: 6.84 W/kg

D. SAR 1g & 10g

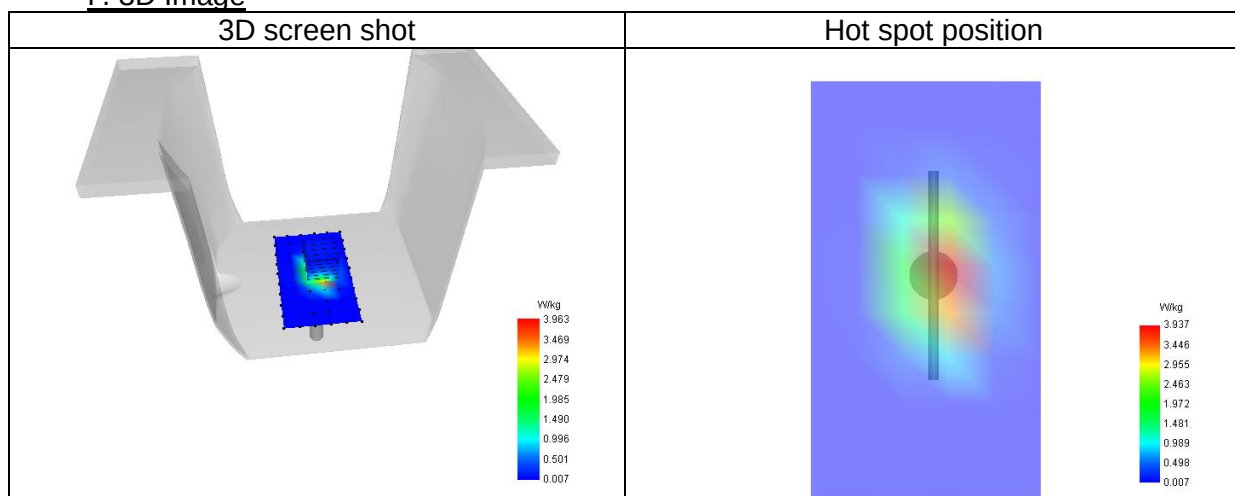
SAR 10g (W/Kg)	1.914
SAR 1g (W/Kg)	4.009
Variation (%)	-0.14
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	52.77

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.434	3.963	2.091	1.166	0.663	0.382	0.244



F. 3D Image



6# System check at 1900 MHz
Date of measurement: 17/8/2025

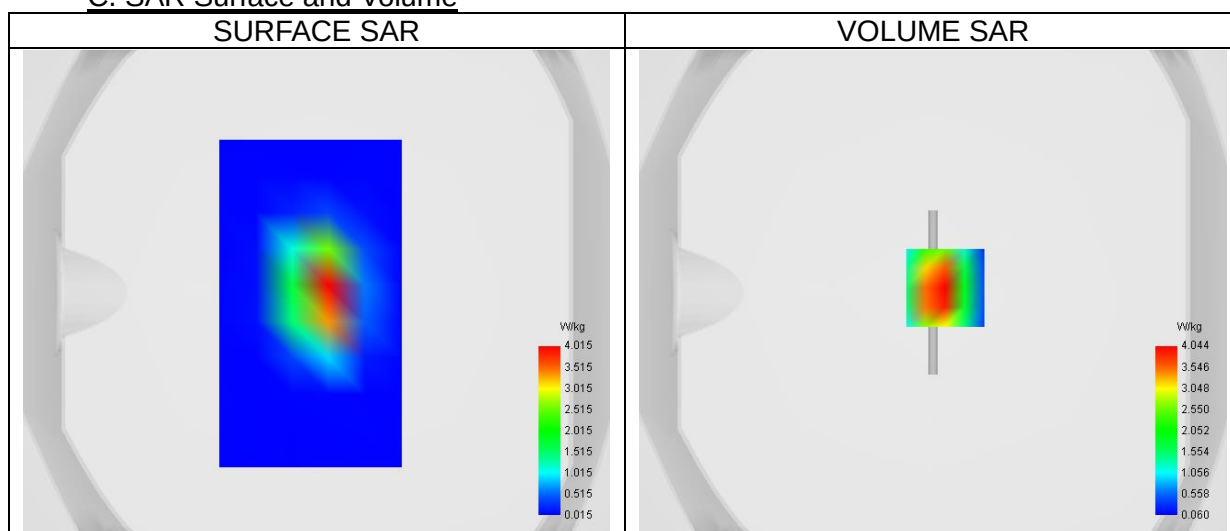
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.58
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	1900.00
Relative permittivity (real part)	38.23
Relative permittivity (imaginary part)	13.46
Conductivity (S/m)	1.42

C. SAR Surface and Volume



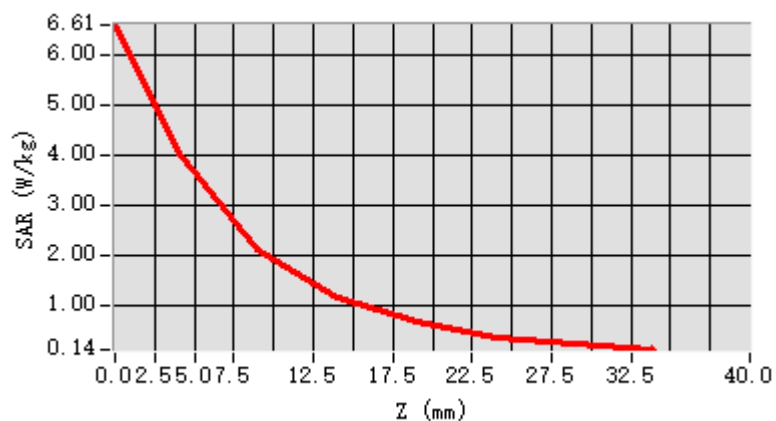
Maximum location: X=5.00, Y=2.00 ; SAR Peak: 6.96 W/kg

D. SAR 1g & 10g

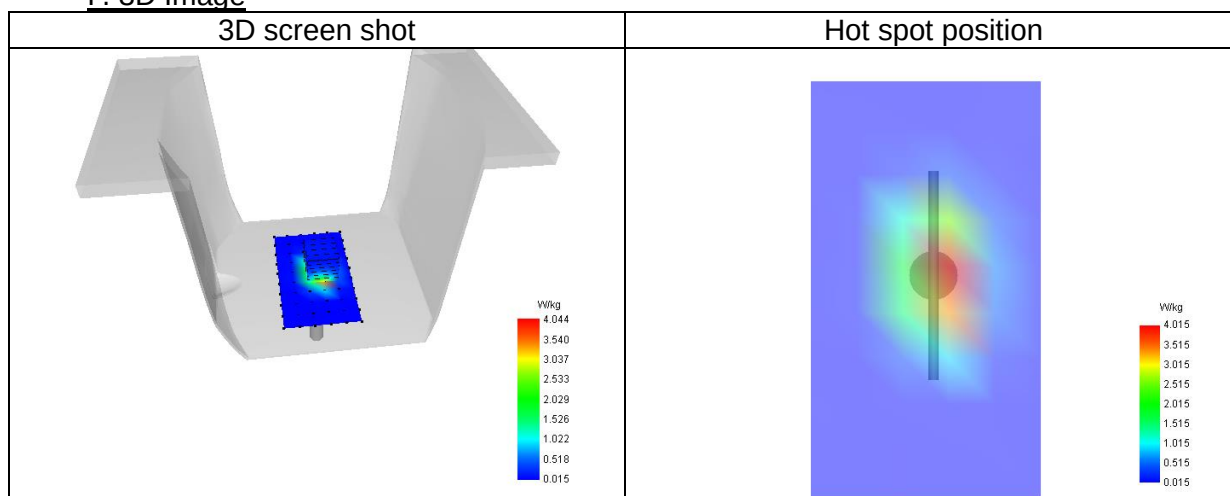
SAR 10g (W/Kg)	1.945
SAR 1g (W/Kg)	4.075
Variation (%)	0.10
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	52.36

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.609	4.044	2.118	1.181	0.688	0.388	0.259



F. 3D Image



7# System check at 2450 MHz
Date of measurement: 12/8/2025

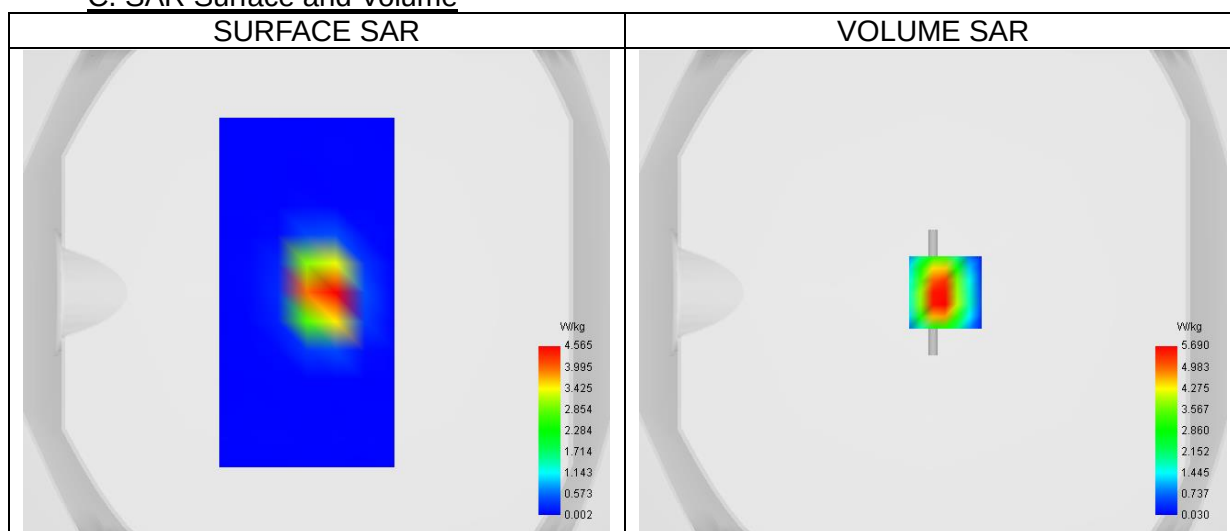
A. Experimental conditions.

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)	38.19
Relative permittivity (imaginary part)	13.33
Conductivity (S/m)	1.81

C. SAR Surface and Volume



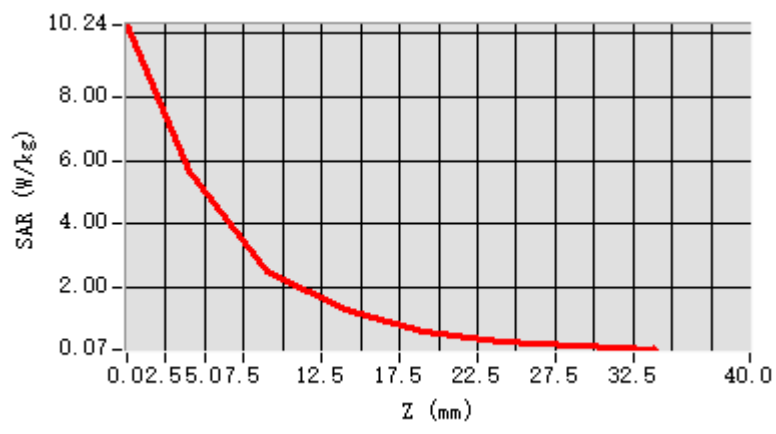
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 10.16 W/kg

D. SAR 1g & 10g

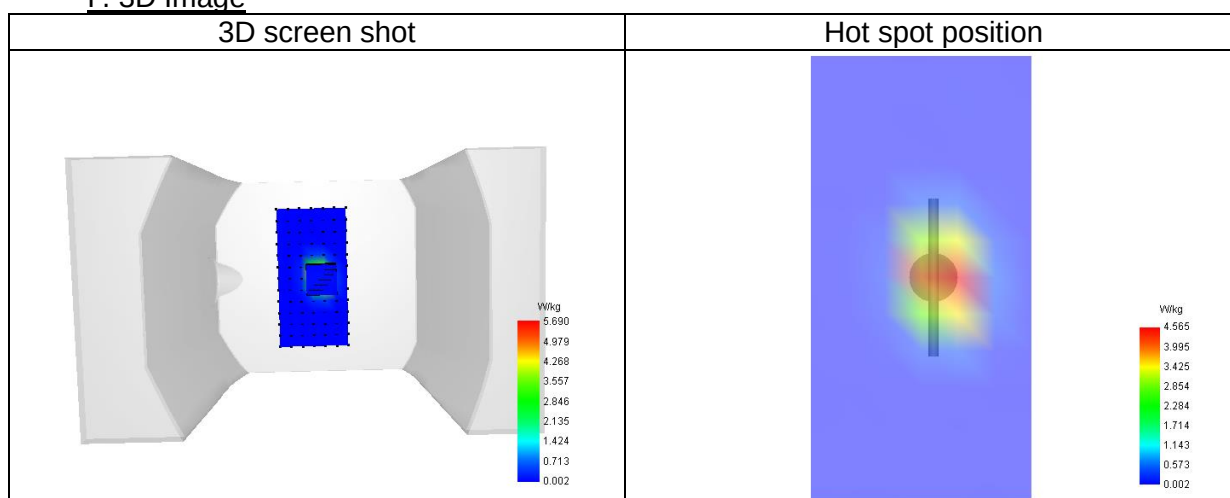
SAR 10g (W/Kg)	2.312
SAR 1g (W/Kg)	5.396
Variation (%)	0.64
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	48.20

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	10.240	5.690	2.519	1.298	0.657	0.338	0.199



F. 3D Image



8# System check at 2600 MHz
Date of measurement: 18/8/2025

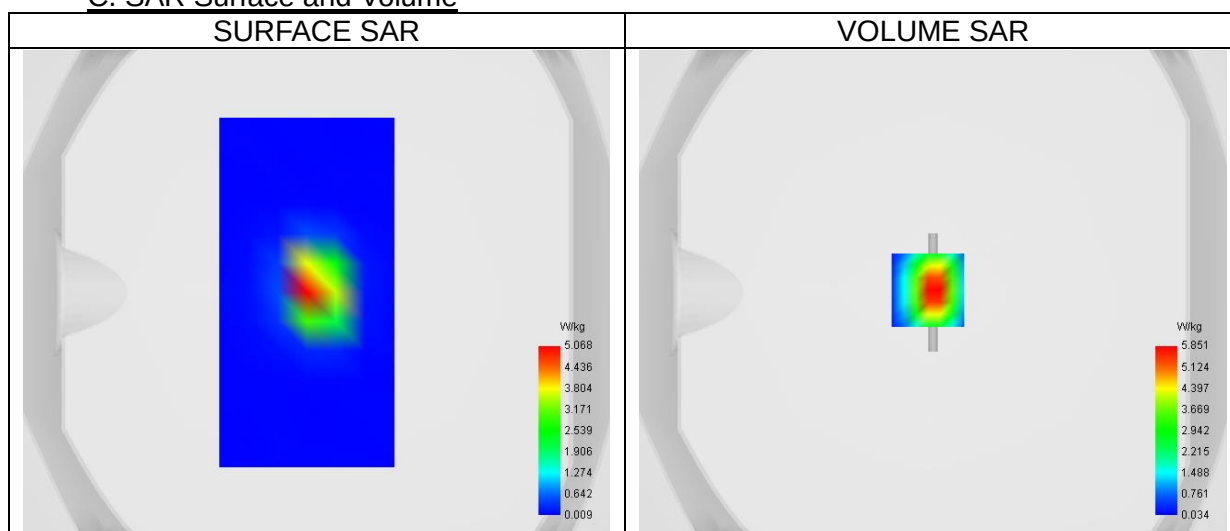
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.52
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	CW2600
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	2600.00
Relative permittivity (real part)	39.47
Relative permittivity (imaginary part)	13.32
Conductivity (S/m)	1.92

C. SAR Surface and Volume



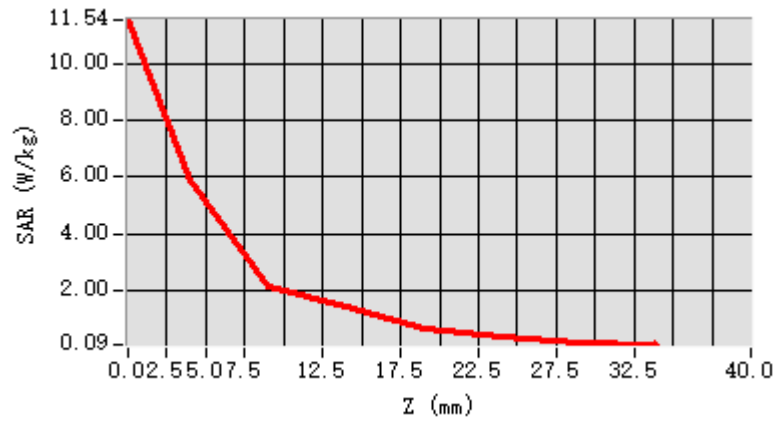
Maximum location: X=-2.00, Y=1.00 ; SAR Peak: 10.41 W/kg

D. SAR 1g & 10g

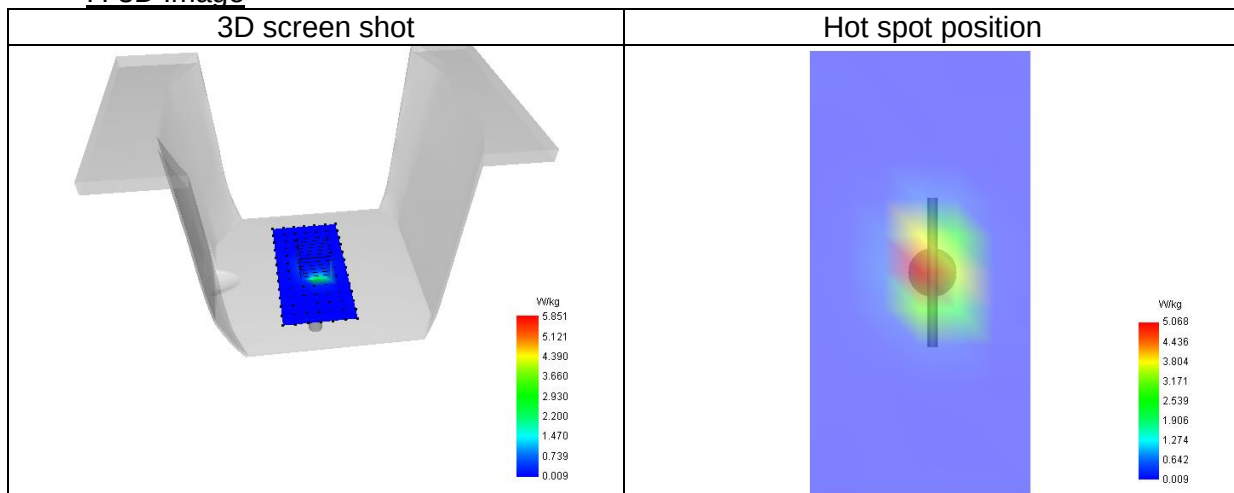
SAR 10g (W/Kg)	2.322
SAR 1g (W/Kg)	5.430
Variation (%)	1.88
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	48.95

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	11.538	5.851	2.171	1.398	0.619	0.383	0.173



F. 3D Image



9# System check at 3500 MHz
Date of measurement: 19/8/2025

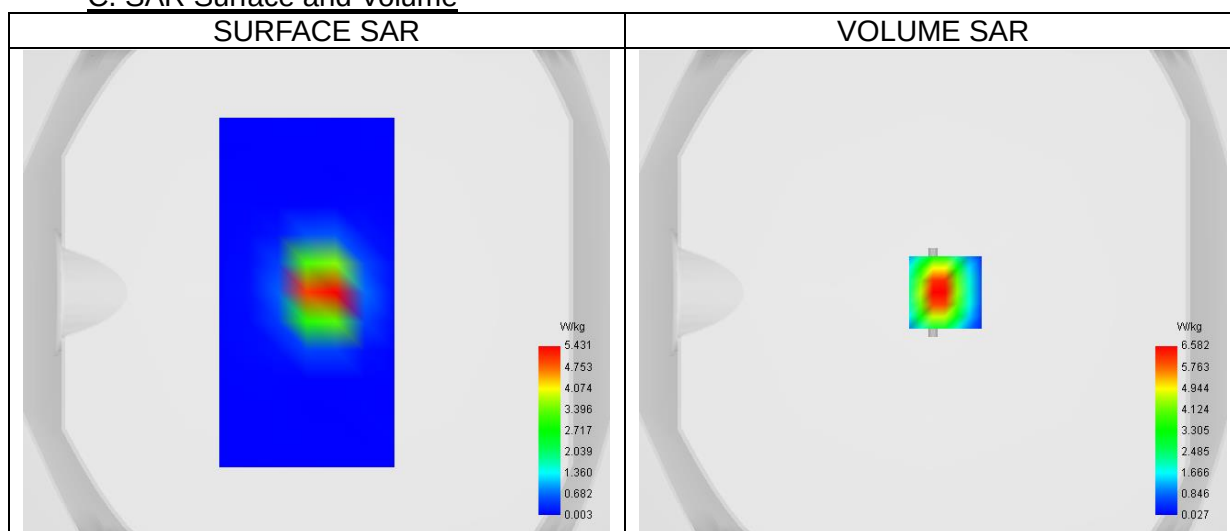
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.39
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	CW3500
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	3500.00
Relative permittivity (real part)	37.58
Relative permittivity (imaginary part)	14.44
Conductivity (S/m)	2.81

C. SAR Surface and Volume



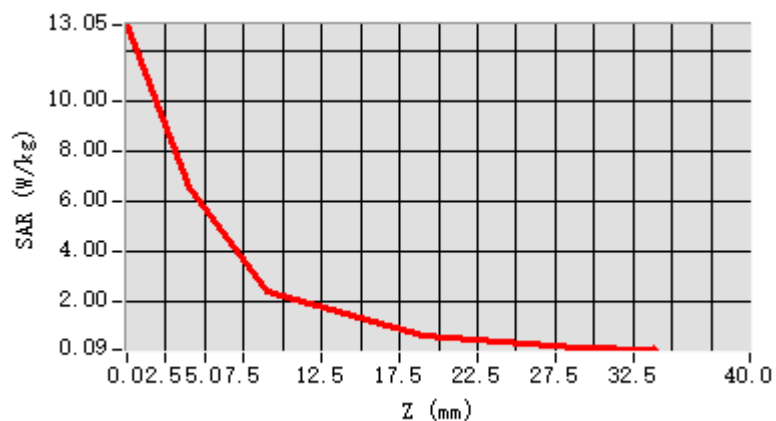
Maximum location: X=5.00, Y=0.00 ; SAR Peak: 11.73 W/kg

D. SAR 1g & 10g

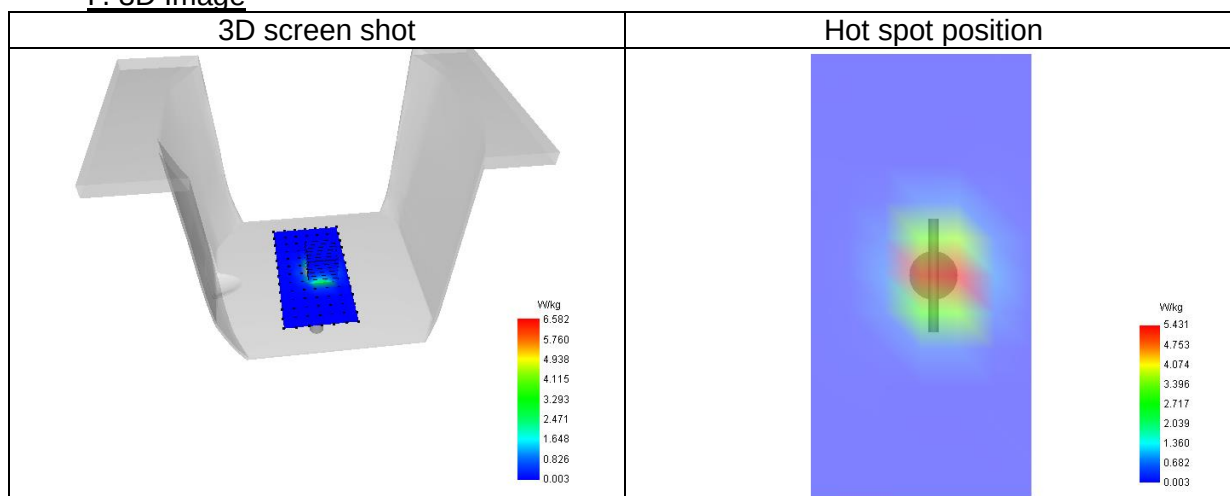
SAR 10g (W/Kg)	2.659
SAR 1g (W/Kg)	6.171
Variation (%)	-0.55
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	47.92

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	13.053	6.582	2.388	1.546	0.643	0.385	0.171



F. 3D Image



10# System check at 5200 MHz
Date of measurement: 13/8/2025

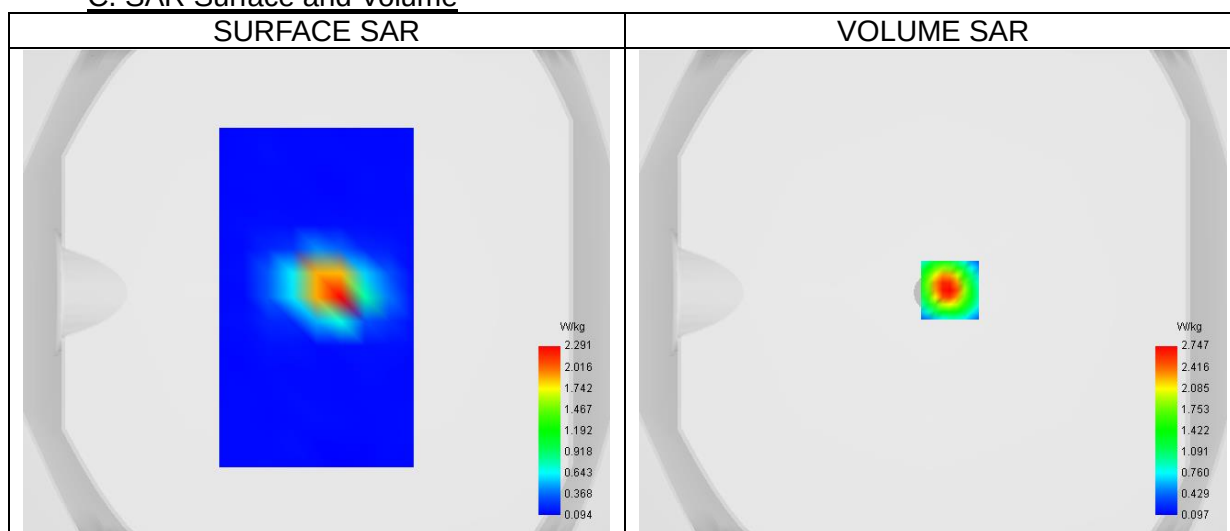
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.37
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	9x9x16,dx=3mm dy=3mm dz=1.5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	CW5200
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	5200.000
Relative permittivity (real part)	37.02
Relative permittivity (imaginary part)	15.54
Conductivity (S/m)	4.49

C. SAR Surface and Volume



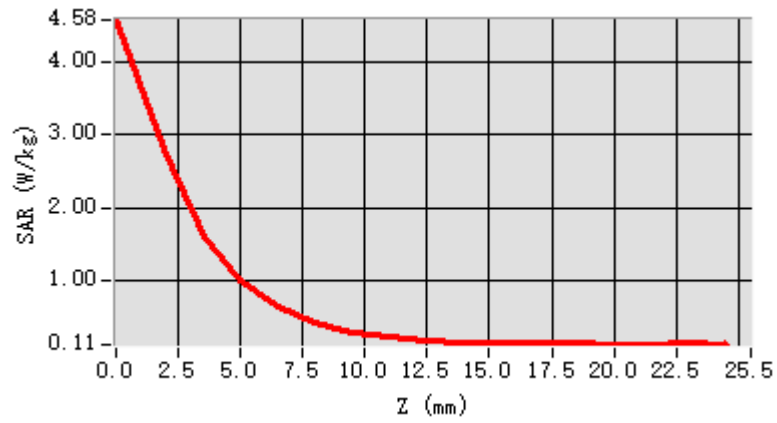
Maximum location: X=7.00, Y=1.00 ; SAR Peak: 4.92 W/kg

D. SAR 1g & 10g

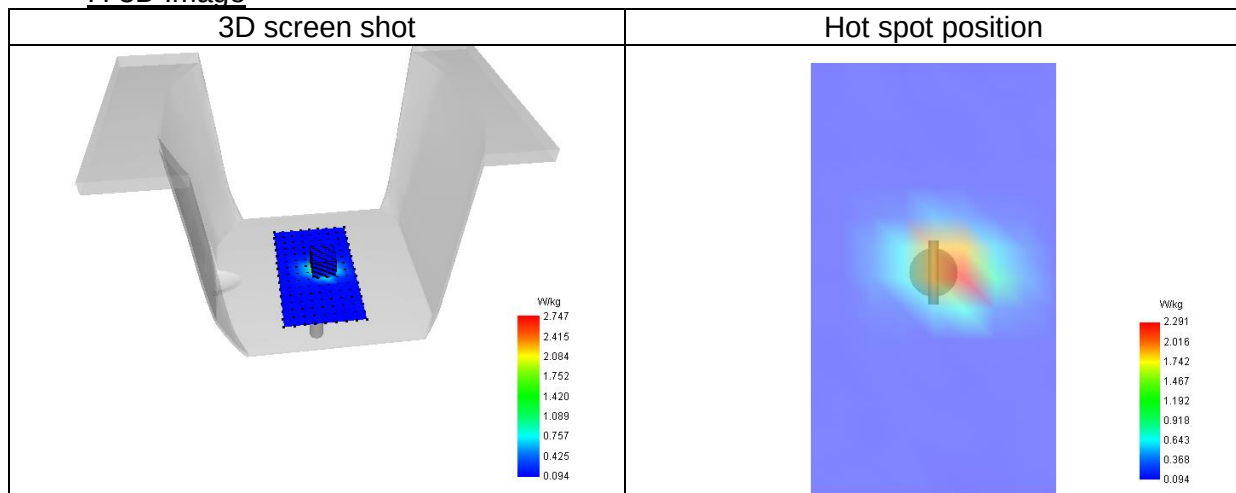
SAR 10g (W/Kg)	0.590
SAR 1g (W/Kg)	1.599
Variation (%)	1.20
Horizontal validation criteria: minimum distance (mm)	9.00
Vertical validation criteria: SAR ratio M2/M1 (%)	58.66

E. Z Axis Scan

Z (mm)	0.0	2.0	3.5	5.0	6.5	8.0	9.5	11.	12.	14.	15.	17.	18.	20.	21.	23.
	0	0	0	0	0	0	0	00	50	00	50	00	50	00	50	00
SAR (W/Kg)	4.5	2.7	1.6	0.9	0.6	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	85	47	11	94	24	10	81	20	70	39	39	31	27	08	18	28



F. 3D Image



11# System check at 5800 MHz
Date of measurement: 14/8/2025

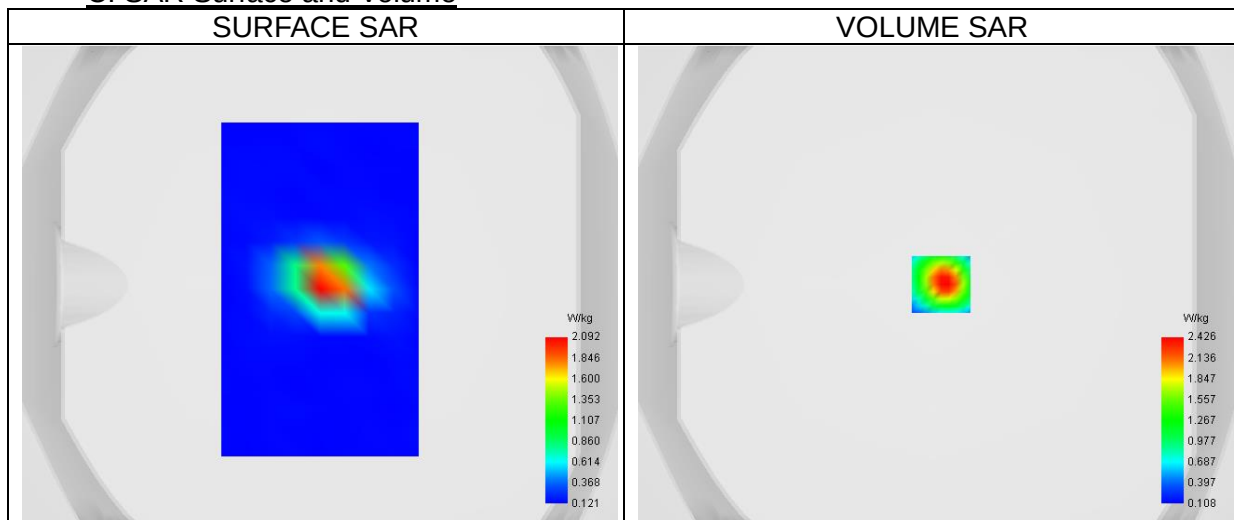
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.35
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	9x9x16,dx=3mm dy=3mm dz=1.5mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Channels/Frequency	Middle
Signal	CW

B. Permittivity

Middle TX Frequency (MHz)	5800.000
Relative permittivity (real part)	35.62
Relative permittivity (imaginary part)	15.78
Conductivity (S/m)	5.08

C. SAR Surface and Volume



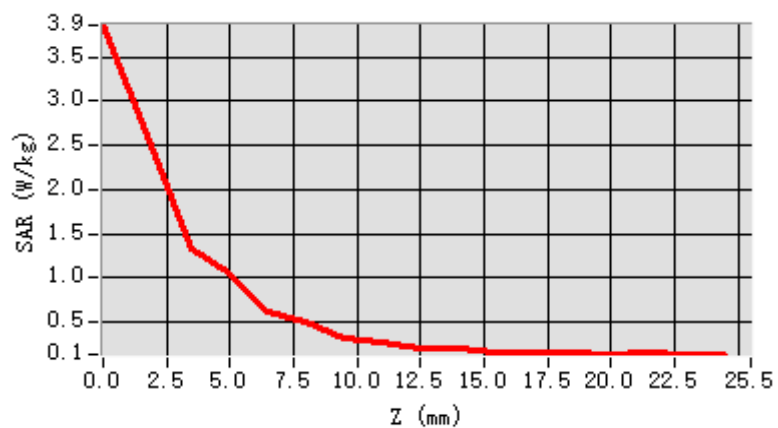
Maximum location: X=2.00, Y=0.00 ; SAR Peak: 4.14 W/kg

D. SAR 1g & 10g

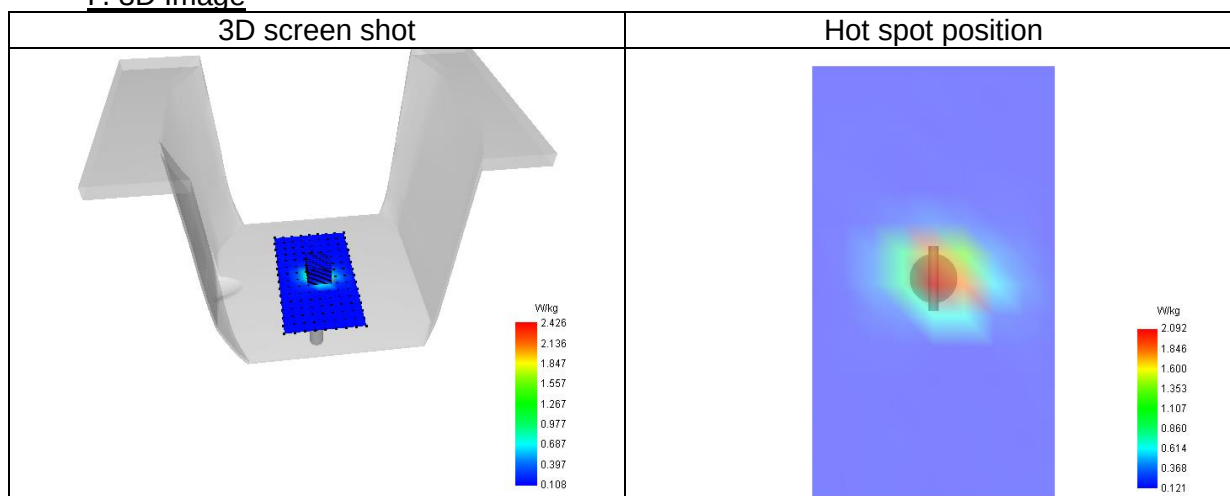
SAR 10g (W/Kg)	0.612
SAR 1g (W/Kg)	1.698
Variation (%)	0.23
Horizontal validation criteria: minimum distance (mm)	9.00
Vertical validation criteria: SAR ratio M2/M1 (%)	63.57

E. Z Axis Scan

Z (mm)	0.0	2.0	3.5	5.0	6.5	8.0	9.5	11.	12.	14.	15.	17.	18.	20.	21.	23.
	0	0	0	0	0	0	0	00	50	00	50	00	50	00	50	00
SAR (W/Kg)	3.8	2.4	1.3	1.0	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	60	26	19	46	07	99	21	61	10	98	66	53	47	42	45	33



F. 3D Image



4. Appendix C. Plots of High SAR Measurement

- 1# SAR Measurement at GPRS850 (Cheek, Right)
- 2# SAR Measurement at GPRS850 (Body, Validation Plane)
- 3# SAR Measurement at GPRS1900 (Cheek, Right)
- 4# SAR Measurement at GPRS1900 (Body, Validation Plane)
- 5# SAR Measurement at Band 2 (1900) (Cheek, Right)
- 6# SAR Measurement at Band 2 (1900) (Body, Validation Plane)
- 7# SAR Measurement at Band 4 (1700) (Cheek, Right)
- 8# SAR Measurement at Band 4 (1700) (Body, Validation Plane)
- 9# SAR Measurement at Band 5 (850) (Cheek, Right)
- 10# SAR Measurement at Band 5 (850) (Body, Validation Plane)
- 11# SAR Measurement at U-NII-1 (Cheek, Left)
- 12# SAR Measurement at U-NII-1 (Body, Validation Plane)
- 13# SAR Measurement at U-NII-3 (Cheek, Left)
- 14# SAR Measurement at U-NII-3 (Body, Validation Plane)
- 15# SAR Measurement at ISM (Cheek, Left)
- 16# SAR Measurement at ISM (Body, Validation Plane)
- 17# SAR Measurement at LTE band 2 (Cheek, Left)
- 18# SAR Measurement at LTE band 2 (Body, Validation Plane)
- 19# SAR Measurement at LTE band 4 (Cheek, Left)
- 20# SAR Measurement at LTE band 4 (Body, Validation Plane)
- 21# SAR Measurement at LTE band 5 (Cheek, Left)
- 22# SAR Measurement at LTE band 5 (Body, Validation Plane)
- 23# SAR Measurement at LTE band 7 (Cheek, Left)
- 24# SAR Measurement at LTE band 7 (Body, Validation Plane)
- 25# SAR Measurement at LTE band 12 (Cheek, Left)
- 26# SAR Measurement at LTE band 12 (Body, Validation Plane)
- 27# SAR Measurement at LTE band 17 (Cheek, Left)
- 28# SAR Measurement at LTE band 17 (Body, Validation Plane)
- 29# SAR Measurement at LTE band 25 (Cheek, Left)
- 30# SAR Measurement at LTE band 25 (Body, Validation Plane)
- 31# SAR Measurement at LTE band 26 (Cheek, Left)
- 32# SAR Measurement at LTE band 26 (Cheek, Left)
- 33# SAR Measurement at LTE band 26 (Body, Validation Plane)
- 34# SAR Measurement at LTE band 26 (Body, Validation Plane)
- 35# SAR Measurement at NR band 78 (Body, Left)
- 36# SAR Measurement at NR band 78 (Body, Validation Plane)

1# SAR Measurement at GPRS850 (Cheek, Right)

Date of measurement: 9/8/2025

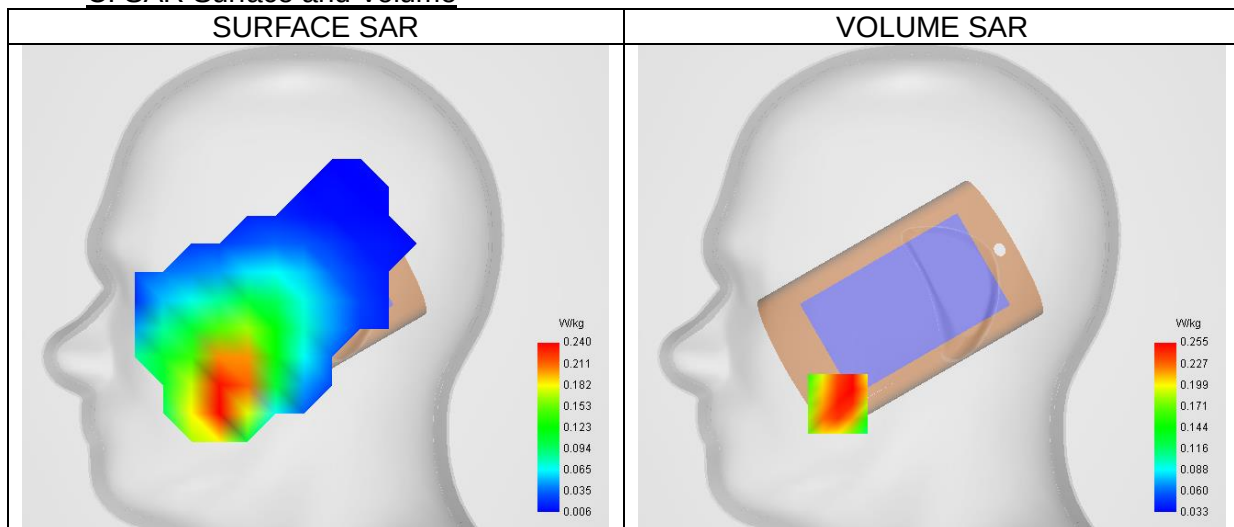
A. Experimental conditions.

Probe	0725-EPGO-448
ConvF	1.32
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	GPRS850
Signal	TDMA (GPRS)
Channels/Frequency	Middle (189)/ frequency 836.40 Mhz
Modulation	GMSK (CS-4)
TX-slots	4

B. Permittivity

Middle TX Frequency (MHz)	836.40
Relative permittivity (real part)	41.98
Relative permittivity (imaginary part)	19.88
Conductivity (S/m)	0.92

C. SAR Surface and Volume



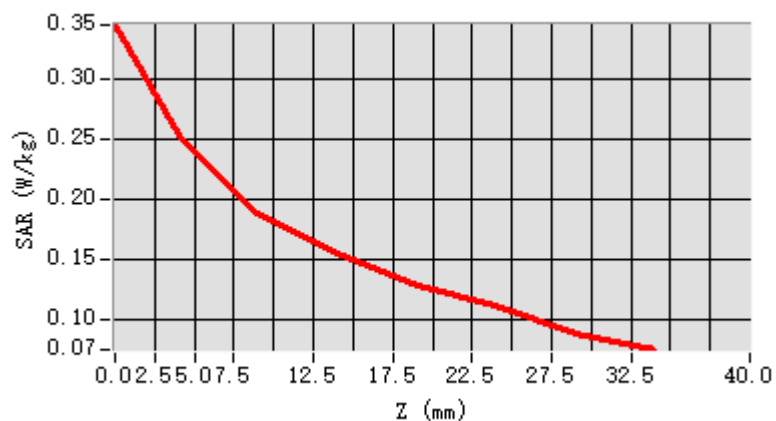
Maximum location: X=-50.00, Y=-61.00 ; SAR Peak: 0.32 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.178
SAR 1g (W/Kg)	0.251
Variation (%)	-1.64
Horizontal validation criteria: minimum distance (mm)	25.30
Vertical validation criteria: SAR ratio M2/M1 (%)	82.75

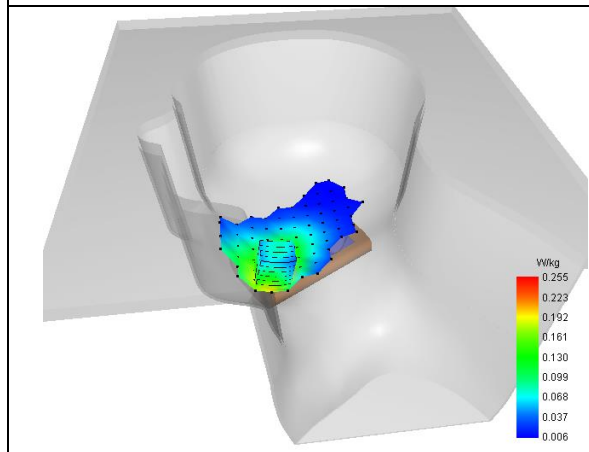
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.346	0.255	0.188	0.155	0.127	0.111	0.088



F. 3D Image

3D screen shot



Hot spot position

