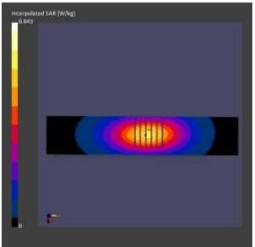




Appendix B. – SAR Test Plots

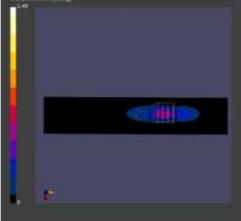


Exposure Conversion Phantom Section, TSL Distance ImmePosition, Test Distance ImmeBand UIDFrequency ImHzJ, Channel NUMBORConversion FactorTSL Conductivity ImmeTSL PermittivityFlat, Head SimulatingEDGE TOP, 19.00SSM SSM SSM DAS336.600, 1908.750.92442.7Hardware Setter PhantomImme 19.00Imme SSM DACDAE, Calibration Date0.92442.7Hardware Setter PhantomImme 19.00Imme SSM DACImme SSM DACImme SSM SSM SSM DACImme SSAR1g [W/Kg]Imme SSAR1g [W/Kg] <t< th=""><th>Test Laborato EUT Type: Ambient Tem Liquid Tempe Test Date: Plot No.: Band: Measuremen (836.600 MH</th><th>perature: erature: t Report for [</th><th></th><th>025 50 MAIN1</th><th>, GSM 850, GPR</th><th>S-FDD (TDMA</th><th>1, GMSK, TN 0-1-</th><th>-2-3), Channel 190</th></t<>	Test Laborato EUT Type: Ambient Tem Liquid Tempe Test Date: Plot No.: Band: Measuremen (836.600 MH	perature: erature: t Report for [025 50 MAIN1	, GSM 850, GPR	S-FDD (TDMA	1, GMSK, TN 0-1-	-2-3), Channel 190			
Simulating Liquid19.00850 10028- DAC10028- DACHardware SetupPhantomProbe, Calibration DateDAE, Calibration DateELI V5.0 (20deg probe tilt)EX3DV4 - SN7751, 2024-09-19DAE4ip Sn1866, 2024-05-02Scans SetupArea ScanZoom ScanGrid Extents [mm]42.0 x 210.030.0 x 30.0 x 30.0Grid Steps [mm]7.0 x 15.06.0 x 6.0 x 1.5Sensor Surface [mm]3.01.4Grading RatioN/A1.5Measurement ResultsZoom ScanpsSAR1g [W/Kg]0.5710.577psSAR10g [W/Kg]0.3730.388	Phantom	Position, Test Distance	Band		[MHz], Channel		Conductivity				
Hardware SetupProbe, Calibration DateDAE, Calibration DatePhantomProbe, Calibration DateDAE, Calibration DateELI V5.0 (20deg probe tilt)EX3DV4 - SN7751, 2024-09-19DAE4ip Sn1866, 2024-05-02Scans SetupArea ScanZoom ScanGrid Extents [mm]42.0 x 210.030.0 x 30.0 x 30.0Grid Steps [mm]42.0 x 210.030.0 x 30.0 x 30.0Grid Steps [mm]7.0 x 15.06.0 x 6.0 x 1.5Sensor Surface [mm]3.01.4Grading RatioN/A1.5Measurement ResultsArea ScanZoom ScanpsSAR1g [W/Kg]0.5710.577psSAR10g [W/Kg]0.3730.388	Simulating			10028-	836.600, 190	8.75	0.924	42.7			
ELI V5.0 (20deg probe tilt) EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 Scans Setup Area Scan Zoom Scan Grid Extents [mm] 42.0 x 210.0 30.0 x 30.0 x 30.0 Grid Steps [mm] 7.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Zoom Scan psSAR1g [W/Kg] 0.571 0.577 psSAR10g [W/Kg] 0.373 0.388	· ·										
Scans SetupArea ScanZoom ScanGrid Extents [mm]42.0 x 210.030.0 x 30.0 x 30.0Grid Steps [mm]7.0 x 15.0 $6.0 x 6.0 x 1.5$ Sensor Surface [mm]3.01.4Grading RatioN/A1.5Measurement ResultsArea ScanZoom ScanpsSAR1g [W/Kg]0.5710.577psSAR10g [W/Kg]0.3730.388	Phantom		Pro	obe, Calib	ration Date	DAE,	Calibration Date	9			
Area Scan Zoom Scan Grid Extents [mm] 42.0 x 210.0 30.0 x 30.0 x 30.0 Grid Steps [mm] 7.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 0.571 0.577 psSAR10g [W/Kg] 0.373 0.388	ELI V5.0 (20d	eg probe tilt)	EX	EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02							
Grid Extents [mm] 42.0 × 210.0 30.0 × 30.0 × 30.0 Grid Steps [mm] 7.0 × 15.0 6.0 × 6.0 × 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 0.571 0.577 psSAR10g [W/Kg] 0.373 0.388	Scans Setup										
Grid Steps [mm] 7.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Zoom Scan psSAR1g [W/Kg] 0.571 0.577 psSAR10g [W/Kg] 0.373 0.388					Area S	can	Zoom Scan				
Sensor Surface [mm]3.01.4Grading RatioN/A1.5Measurement ResultsArea ScanZoom ScanpsSAR1g [W/Kg]0.5710.577psSAR10g [W/Kg]0.3730.388	Grid Extents	[mm]			42.0 x 2	10.0	30.0 x 30	.0 x 30.0			
Grading RatioN/A1.5Measurement ResultsArea ScanZoom ScanpsSAR1g [W/Kg]0.5710.577psSAR10g [W/Kg]0.3730.388	Grid Steps [m	าm]			7.0 x ⁻	15.0	6.0 x	6.0 x 1.5			
Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 0.571 0.577 psSAR10g [W/Kg] 0.373 0.388	Sensor Surfac	ce [mm]				3.0		1.4			
Area Scan Zoom Scan psSAR1g [W/Kg] 0.571 0.577 psSAR10g [W/Kg] 0.373 0.388	Grading Ratio	C			1	N/A		1.5			
psSAR1g [W/Kg]0.5710.577psSAR10g [W/Kg]0.3730.388	Measuremen	t Results									
psSAR10g [W/Kg] 0.373 0.388	Area Scan Zoom Sc						om Scan				
	psSAR1g [W/Kg]			0.571				0.577			
Power Drift [dB] -0.14 -0.02	psSAR10g [W/Kg]					0.373		0.388			
	Power Drift [dB]				-0.14		-0.02			



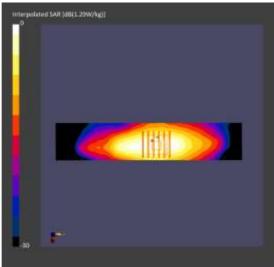


Test Laborato EUT Type: Ambient Tem Liquid Tempo Test Date: Plot No.: Band: Measuremen (1880.000 Mb	nperature: erature: t Report for		025 000 MAIN1		S-FDD (TDMA	, GMSK, TN 0-1-	-2-3), Channel 661			
Exposure Conditions										
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity			
Flat, Head Simulating Liquid	EDGE TOP, 0.00	PCS 1900	GSM, 10028- DAC	1880.000, 661	7.35	1.40	39.1			
Hardware Setup										
Phantom		-	oration Date		Calibration Date					
ELI V5.0 (20deg probe tilt) EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02							1-05-02			
Scans Setup										
				Area S	can	Zoo	om Scan			
Grid Extents	[mm]			42.0 x 210.0			0 x 30.0			
Grid Steps [m	nm]			7.0 x 1	15.0	6.0 x	6.0 x 1.5			
Sensor Surfac	ce [mm]				3.0		1.4			
Grading Ratio	С			١	N/A		1.5			
Measuremen	t Results				c	-	c			
				Ar	rea Scan	Zoo	om Scan			
psSAR1g [W/	0				0.444		0.455			
psSAR10g [W/Kg]					0.189		0.170			
Power Drift [dB]				0.02		0.16			
			nerpulated SAR (Wy)k 1-49	kt.						



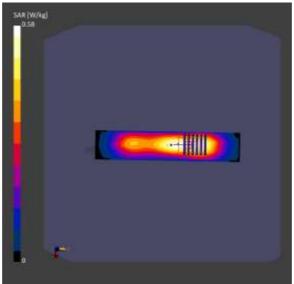


Test Laborato EUT Type: Ambient Ten Liquid Tempo Test Date: Plot No.: Band: Measuremen	nperature: erature:	Tablet 20.9 °(20.8 °(01/14/2 A3 UMTS	C C 2025 Band 5 MAII		FDD (WCDMA	A), Channel 4183	(836.600 MHz)		
Exposure Co	nditions								
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity		
Flat, Head Simulating Liquid	EDGE TOP, 0.00	Band 5	WCDMA, 10011-CAC	836.600, 4183	8.75	0.911	43.0		
Hardware Setup									
Phantom Probe, Calibra			ation Date	DAE,	Calibration Date	2			
ELI V5.0 (20deg probe tilt) EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02									
Scans Setup				Area So		7	om Scan		
Cuid Estante	[]								
Grid Extents				42.0 x 21		30.0 x 30.			
Grid Steps [n	-			7.0 x 1		6.0 x	6.0 x 1.5		
Sensor Surfa					3.0		1.4		
Grading Ratio				Ν	I/A		1.5		
Measuremen				Ar	ea Scan	Zoc	om Scan		
psSAR1g [W/	'Kal				0.750	200	0.596		
psSAR10g [W	0				0.418		0.307		
Power Drift [dB]				0.03 -0.13					
	~-1	10000			0.00		5.15		



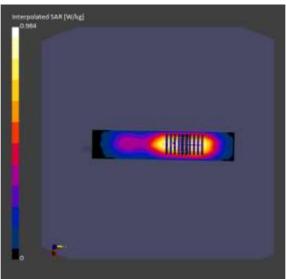


Exposure Conversion Phantom Section, TSL Distance ImmPosition, Test Distance ImmBand UIDFrequency (MHz), Channel NumberConversion Factor Factor Factor SectorTSL Conductivity [S/m]TSL Permittivity Permittivity Permittivity Permittivity ISUFlat, Head Simulating LiquidBoGE TOP, 19.00Band NOWCDMA, 10011-CAC7.551.3341.6Hardware Set LiquidDOGE, 19.00Band NOWCDMA, 10011-CAC7.551.3341.6Hardware Set LiquidDOGE, 19.00Band NO10011-CAC14121.3341.6Hardware Set LiquidEX3DV4 - SNT751, 2024-09DAE + Jentaton DateDAE + Jentaton DateDAE + Jentaton DateFactor Setor Scans SetupEX3DV4 - SNT751, 2024-09DAE + Jentaton Date30.0 x 3.0.2Grid Extents ImmEX3DV4 - SNT751, 2024-09DAE + Jentaton Date30.0 x 3.0.2Grid Extents ImmEX3DV4 - SNT751, 2024-09DAE + Jentaton Date30.0 x 3.0.2Grid Steps ImmEX3DV4 - SNT751, 2024-0930.0 x 3.0.21.4Grid Steps ImmFactor SON SaloSolo x 1.51.4Grid Steps ImmImmSolo x 1.51.4Grading Ratir PasaremetricSolo x 1.51.4Grading Ratir PSAR10 [W/K]ImmImmImmSAR102 [W/K]ImmImmImmImmFactor Power Drift [UImmImmImmImmPasaremetricImmImmImmImm	Test Laborati EUT Type: Ambient Ten Liquid Temp Test Date: Plot No.: Band: Measuremer	Tablet 20.9 °C 20.8 °C 01/14/2 A4 UMTS	C C 2025 Band 4 MAI	N1 Band 4, UMTS-	FDD (WCDMA), Channel 1412	(1732.400 MHz)				
Phantom Section, TSL Distance (mm]Band Group, UIDFrequency (MHz), Channel NumberConversion FactorTSL Conductivity (S/m]TSL PermittivityFlat, Head Simulating LiquidEDGE TOP, 19.00Band 4WCDMA, 10011-CAC1732.400, 14127.551.3341.6Hardware Seture PhantomToP, 19.00410011-CAC1/120.551.3341.6Hardware Seture PhantomProbe, Calibration DateDAE, Calibration Date0AE, Calibration Date0.20ELI V5.0 (20 grobe till)EX3DV4 - SNT751, 2024-09-190.26 Job motole0.2050.0Grid Extents Grid Steps (mm]EX3DV4 - SNT751, 2024-09-190.2030.0 x 30.030.0Grid Extents (mm]EX3DV4 - SNT751, 2024-09-190.2030.0 x 30.030.0Grid Extents (mm]EX3DV4 - SNT751, 2024-09-190.30.0 x 30.030.01.4Grid Extents (mm]EX3DV4 - SNT751, 2024-09-190.30.0 x 30.030.01.4Grid Extents (mm]EX3DV4 - SNT751, 2024-09-1930.0 x 30.0 x 30.01.4Grid Steps (mm]I1.51.41.5Grid Extents (mm]II1.41.5Grading RatioIN/A1.51.5Measurement ResultsIIIIFRATEIIIIGrading RatioIIIIpsSAR10g (W/Kg)IIIIIIIII	Exposure Co	nditions									
Simulating TOP, 19.00 4 10011-CAC 1412 Liquid Hardware Setup Phantom Probe, Calibration Date DAE, Calibration Date ELI V5.0 (20deg probe tilt) EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 Scans Setup	Phantom	Position, Test Distance	Band		[MHz], Channel		Conductivity				
Hardware Setup Probe, Calibration Date DAE, Calibration Date Phantom Probe, Calibration Date DAE, Calibration Date ELI V5.0 (20deg probe tilt) EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 Scans Setup Image: Calibration Date DAE4ip Sn1866, 2024-05-02 Grid Extents [mm] 42.0 x 210.0 30.0 x 30.0 x 30.0 Grid Steps [mm] 7.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 0.501 0.532 0.478 psSAR10g [W/Kg] 0.301 0.330 0.300	Simulating					7.55	1.33	41.6			
ELI V5.0 (20deg probe tilt) EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 Scans Setup Area Scan Zoom Scan Grid Extents [mm] 42.0 x 210.0 30.0 x 30.0 x 30.0 Grid Steps [mm] 7.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Zoom Scan1 Zoom Scan2 psSAR1g [W/Kg] 0.501 0.532 0.478 psSAR10g [W/Kg] 0.301 0.330 0.300											
Scans SetupArea ScanZoom ScanGrid Extents [mm] 42.0×210.0 $30.0 \times 30.0 \times 30.0$ Grid Steps [mm] 7.0×15.0 $6.0 \times 6.0 \times 1.5$ Sensor Surface [mm] 3.0 1.4 Grading RatioN/A 1.5 Measurement ResultsArea ScanZoom Scan1psSAR1g [W/Kg] 0.501 0.532 0.478 psSAR10g [W/Kg] 0.301 0.330 0.300	PhantomProbe, Calibration DateDAE, Calibration Date					e					
Area Scan Zoom Scan Grid Extents [mm] 42.0×210.0 $30.0 \times 30.0 \times 30.0$ Grid Steps [mm] 7.0×15.0 $6.0 \times 6.0 \times 1.5$ Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results $Area Scan$ $Zoom Scan1$ psSAR1g [W/Kg] 0.501 0.532 0.478 psSAR10g [W/Kg] 0.301 0.330 0.300	ELI V5.0 (20c	ELI V5.0 (20deg probe tilt) EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02									
Grid Extents [mm] 42.0 × 210.0 30.0 × 30.0 × 30.0 Grid Steps [mm] 7.0 × 15.0 6.0 × 6.0 × 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan1 psSAR1g [W/Kg] 0.501 0.532 0.478 psSAR10g [W/Kg] 0.301 0.330 0.300	Scans Setup										
Grid Steps [mm] 7.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan1 Zoom Scan2 psSAR1g [W/Kg] 0.501 0.532 0.478 psSAR10g [W/Kg] 0.301 0.330 0.300					Area So	can	Zoc	om Scan			
Sensor Surface [mm]3.01.4Grading RatioN/A1.5Measurement ResultsZoom Scan1Zoom Scan2psSAR1g [W/Kg]0.5010.5320.478psSAR10g [W/Kg]0.3010.3300.300	Grid Extents	[mm]			42.0 x 21	0.0	30.0 x 30.	0 x 30.0			
Grading RatioN/A1.5Measurement ResultsArea ScanZoom Scan1Zoom Scan2psSAR1g [W/Kg]0.5010.5320.478psSAR10g [W/Kg]0.3010.3300.300	Grid Steps [n	nm]			7.0 x 1	5.0	6.0 x	6.0 x 1.5			
Measurement Results Area Scan Zoom Scan1 Zoom Scan2 psSAR1g [W/Kg] 0.501 0.532 0.478 psSAR10g [W/Kg] 0.301 0.330 0.300	Sensor Surfa	ce [mm]				3.0		1.4			
Area Scan Zoom Scan1 Zoom Scan2 psSAR1g [W/Kg] 0.501 0.532 0.478 psSAR10g [W/Kg] 0.301 0.330 0.300	Grading Rati	0			Ν	I/A		1.5			
psSAR1g [W/Kg]0.5010.5320.478psSAR10g [W/Kg]0.3010.3300.300	Measuremer	nt Results			_						
psSAR10g [W/Kg] 0.301 0.330 0.300				Area	Scan	Zoom Scan1	Zoor	n Scan2			
	psSAR1g [W/Kg]			0.501		0.532		0.478			
Power Drift [dB] -0.10 -0.15 -0.04	psSAR10g [W		(0.301	0.330 0.3		0.300				
	Power Drift [dB]			-0.10	-0.15		-0.04			



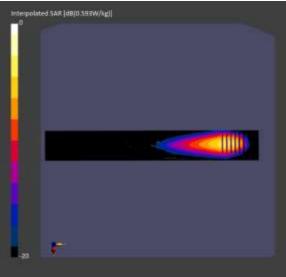


Test Laboratory:HCT CO., LTDEUT Type:TabletAmbient Temperature:20.3 °CLiquid Temperature:20.2 °CTest Date:01/13/2025Plot No.:A5Band:UMTS Band 2 MAIN1Measurement Report for Device, EDGE TOP, Band 2, UMTS-FDD (WCDMA), Channel 9400 (1880.000 N	1Hz)									
Exposure Conditions										
Phantom Position, Band Group, Frequency Conversion TSL TSL Section, TSL Test UID [MHz], Factor Conductivity Permittivity Distance Channel [S/m] [mm] Number	,									
Flat, Head EDGE Band WCDMA, 1880.000, 7.35 1.41 41.2 Simulating TOP, 19.00 2 10011-CAC 9400 Liquid										
Hardware Setup										
Phantom Probe, Calibration Date DAE, Calibration Date										
ELI V5.0 (20deg probe tilt) EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02										
Scans Setup										
Area Scan Zoom Scan										
Grid Extents [mm] 42.0 x 210.0 30.0 x 30.0 x 30.0										
Grid Steps [mm] 7.0 x 15.0 6.0 x 6.0 x 1.5										
Sensor Surface [mm]3.01.4										
Grading Ratio N/A 1.5										
Measurement Results										
Area ScanZoom Scan1Zoom Scan2										
psSAR1g [W/Kg] 0.587 0.614 0.553										
psSAR10g [W/Kg] 0.343 0.375 0.342										
Power Drift [dB] -0.07 -0.12 -0.07										



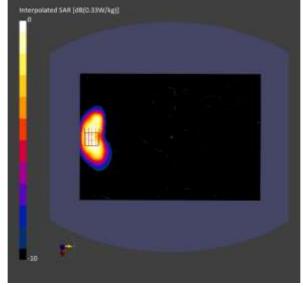


Test Laboratory: EUT Type: Ambient Temperature: Liquid Temperature: Test Date: Plot No.: Band: Measurement Report for AntennaCfg:SISO, Channe	Device, E)25 d 2 SUB1 DGE LEFT, Ba	ind 2, LTE-FE z))D (SC-FDMA	, 1 RB, 20 MHz, 0	QPSK)			
Exposure Conditions Phantom Position, Section, TSL Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity			
Flat, Head EDGE LEFT Simulating 0.00 Liquid	, Band 2	LTE-FDD, 10169-CAF	1880.000, 18900	7.35	1.39	39.2			
Hardware Setup									
Phantom	Pro	Probe, Calibration Date			Calibration Date	e			
ELI V5.0 (20deg probe tilt) EX	3DV4 - SN77	51, 2024-09-	19 DAE	4ip Sn1866, 2024	1-05-02			
Scans Setup					-	C			
			Area S	can	Zoo	om Scan			
Grid Extents [mm]			42.0 x 30	0.0	30.0 x 30.	0 x 30.0			
Grid Steps [mm]			7.0 x î	15.0	6.0 x	6.0 x 1.5			
Sensor Surface [mm]				3.0		1.4			
Grading Ratio Measurement Results			1	N/A		1.5			
		Area Scan				om Scan			
psSAR1g [W/Kg]		0.211 0							
psSAR10g [W/Kg]				0.10		0.098			
Power Drift [dB]				N/A		0.15			



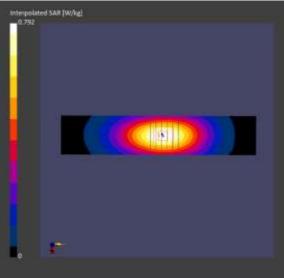


Test Laborato EUT Type: Ambient Tem Liquid Tempe Test Date: Plot No.: Band: Measurement RBPosition:Mi	perature: rature: t Report for [Device, B)25 d 12 MAIN1 ACK, Band 12	, LTE-FDD (S 5 (707.500 N	SC-FDMA, 509 ЛНz)	6 RB, 10 MHz, Q	PSK)
Exposure Cor Phantom Section, TSL	n ditions Position, Test	Band	Group, UID	Frequency [MHz],	Conversion Factor	TSL Conductivity	TSL Permittivity
Section, TSL	Distance [mm]		OID	Channel Number	ractor	[S/m]	remittivity
Flat, Head Simulating Liquid	BACK, 0.00	Band 12	LTE-FDD, 10154-CAH	707.500, 23095	8.91	0.861	42.1
Hardware Set	up						
Phantom		Probe, Calibration Date			DAE,	Calibration Date	e
ELI V5.0 (20deg probe tilt)		EX	3DV4 - SN77	51, 2024-09-	19 DAE4	4ip Sn1866, 2024	1-05-02
Scans Setup							_
				Area S	can	Zoo	om Scan
Grid Extents [mm]			210.0 x 30	0.00	30.0 x 30.	0 x 30.0
Grid Steps [m	m]			15.0 x	15.0	6.0 x	6.0 x 1.5
Sensor Surfac	e [mm]				3.0		1.4
Grading Ratic Measurement				I	N/A		1.5
Area Scan Zoom Scar					om Scan		
psSAR1g [W/Kg]		0.270 0.38					0.387
psSAR10g [W/Kg]			0.173 0.195				
Power Drift [c	IB]				-0.19		0.18



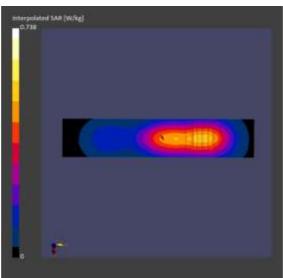


Test Laborato EUT Type: Ambient Tem Liquid Tempe Test Date: Plot No.: Band: Measurement RBPosition:Mi	perature: rature: t Report for D	Device, E)25 d 13 MAIN1 DGE TOP, Ba	nd 13, LTE-Fi 0 (782.000 N	DD (SC-FDMA MHz)	, 1 RB, 10 MHz, (QPSK)		
Exposure Cor	nditions								
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity		
Flat, Head Simulating Liquid	EDGE TOP, 19.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	8.91	0.890	42.8		
Hardware Setup									
Phantom		Probe, Calibration Dat		on Date	DAE,	Calibration Date	e		
ELI V5.0 (20deg probe tilt)		EX	EX3DV4 - SN7751, 2024-09-19 DAE			4ip Sn1866, 2024	1-05-02		
Scans Setup									
				Area So	can	Zoo	om Scan		
Grid Extents [mm]			42.0 x 21	0.0	30.0 x 30.	0 x 30.0		
Grid Steps [m	im]			7.0 x 1	5.0	6.0 x	6.0 x 1.5		
Sensor Surfac	e [mm]				3.0		1.4		
Grading Ratic Measurement			١	V/A		1.5			
Area Scan Zoom Scan						om Scan			
psSAR1g [W/ł	<q]< td=""><td colspan="5">0.539 0.547</td><td>0.547</td></q]<>	0.539 0.547					0.547		
psSAR10g [W/Kg]		0.358 0.373					0.373		
Power Drift [c	0				-0.11		-0.13		
			-0.13						



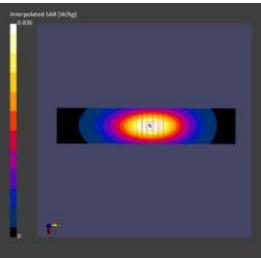


Test Laboratory: HCT CO., LTD EUT Type: Tablet Ambient Temperature: 20.7 °C Liquid Temperature: 20.6 °C Test Date: 01/17/2025 Plot No.: A9 Band: LTE Band 25 MAIN1 Measurement Report for Device, EDGE TOP, Band 25, LTE-FDD (SC-FDMA, 1 RB, 20 Mł RBPosition:Mid AntennaCfg:SISO, Channel 26500 (1896.000 MHz) Exposure Conditions	łz, QPSK)
PhantomPosition,BandGroup,FrequencyConversionTSLSection, TSLTestUID[MHz],FactorConductivitDistanceChannel[S/m]Number	TSL y Permittivity
Flat, Head EDGE TOP, Band LTE-FDD, 1896.000, 7.35 1.38 Simulating 0.00 25 10169-CAF 26500 Liquid	40.2
Hardware Setup	
Phantom Probe, Calibration Date DAE, Calibration D	ate
ELI V5.0 (20deg probe tilt) EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 20	24-05-02
Scans Setup	
Area Scan	loom Scan
Grid Extents [mm] 42.0 x 210.0 30.0 x	30.0 x 30.0
Grid Steps [mm] 7.0 x 15.0 6.0	x 6.0 x 1.5
Sensor Surface [mm] 3.0	1.4
Grading Ratio N/A	1.5
Measurement Results	
Area Scan Zoom Scan1 Zo	om Scan2
psSAR1g [W/Kg] 0.438 0.460	0.410
psSAR10g [W/Kg] 0.259 0.282	0.251
Power Drift [dB] -0.14 -0.12	-0.04



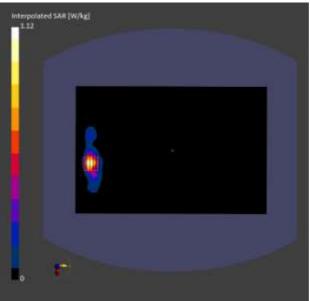


Test Laborato EUT Type: Ambient Tem Liquid Tempe Test Date: Plot No.: Band: Measuremen RBPosition:M Exposure Cor	perature: erature: t Report for D id AntennaCf	evice, E	025 d 26 MAIN1 DGE TOP, Ba	nd 26, LTE-F 55 (831.500 N	DD (SC-FDM/ /Hz)	4, 1 RB, 15 MHz,	QPSK)		
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity		
Flat, Head Simulating Liquid	EDGE TOP, 19.00	Band 26	LTE-FDD, 10181-CAF	831.500, 26865	8.75	0.932	42.5		
Hardware Setup									
Phantom		Pro	obe, Calibrati	on Date	DAE,	Calibration Dat	e		
ELI V5.0 (20deg probe tilt)		EX	EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02						
Scans Setup									
				Area So	can	Zoo	om Scan		
Grid Extents ([mm]			42.0 x 21	0.0	30.0 x 30	.0 x 30.0		
Grid Steps [m	nm]			7.0 x 1	5.0	6.0 x	6.0 x 6.0 x 1.5		
Sensor Surfac	ce [mm]				3.0		1.4		
Grading Ratio	D			Ν	N/A		1.5		
Measuremen	t Results								
				Ar	ea Scan	Zoo	om Scan		
psSAR1g [W/Kg]		0.556 0.571					0.571		
psSAR10g [W/Kg]			0.363 0.385						
Power Drift [d		-0.06 -0.04							





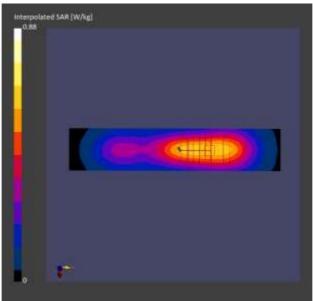
Test Laborato EUT Type: Ambient Tem Liquid Tempe Test Date: Plot No.: Band: Measuremen RBPosition:M Exposure Cor	perature: erature: t Report for D id AntennaCf	Device, B	025 d 41 MAIN1 ACK, Band 4'	1, LTE-TDD (\$ 20 (2593.000	SC-FDMA, 509 MHz)	% RB, 20 MHz, C	(PSK)
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Band 41	LTE-TDD, 10151-CAH	2593.000, 40620	6.64	1.96	38.6
Hardware Set	tup						
Phantom		Probe, Calibration Date DAE, Calibration			Calibration Dat	e	
ELI V5.0 (20deg probe tilt)		EX	EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866,				1-05-02
Scans Setup							
			Area Scan				om Scan
Grid Extents	[mm]			200.0 x 3	00.0	30.0 x 30.	0 x 30.0
Grid Steps [m	nm]			10.0 x	10.0	5.0 x	5.0 x 1.5
Sensor Surfac	ce [mm]				3.0		1.4
Grading Ratio)				N/A		1.5
Measuremen	t Results						
				Ar	ea Scan	Zoo	om Scan
psSAR1g [W/Kg]			0.340				0.408
psSAR10g [W/Kg]		0.136					0.142
Power Drift [d	dB]				-0.19		-0.08



F-TP22-03 (Rev. 06)



Test Laboratory: EUT Type: Ambient Temperature: Liquid Temperature: Test Date: Plot No.: Band: Measurement Report for E RBPosition:Mid AntennaCf Exposure Conditions		evice, E)25 d 66 MAIN1 DGE TOP, Ba	nd 66, LTE-F 72 (1770.000	DD (SC-FDMA MHz)	A, 1 RB, 20 MHz,	QPSK)
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE TOP, 19.00	Band 66	LTE-FDD, 10169-CAF	1770.000, 132572	7.55	1.36	40.6
Hardware Set	tup						
Phantom		Pro	obe, Calibrati	on Date	DAE,	Calibration Date	e
ELI V5.0 (20deg probe tilt)		ΕX	EX3DV4 - SN7751, 2024-09-19 DAE4ip				1-05-02
Scans Setup							
				Area So	Zoo	om Scan	
Grid Extents ([mm]			42.0 x 21	30.0 x 30.	.0 x 30.0	
Grid Steps [m	nm]			7.0 x 1	15.0	6.0 x	6.0 x 1.5
Sensor Surfac	ce [mm]				3.0		1.4
Grading Ratio)			١	√/A		1.5
Measuremen	t Results						
			Area Sc	an	Zoom Scan1	Zoor	m Scan2
psSAR1g [W/Kg]		0.543		43	0.544		0.497
psSAR10g [W/Kg]		0.327		27	7 0.345		0.309
Power Drift [d	dB]		-0	.12	-0.13		-0.02



F-TP22-03 (Rev. 06)



HCT CO., LTD
Tablet
23.0 °C
22.9 °C
01/22/2025
A13
NR Band n5 MAIN1

Communication System: UID 0, NR n5 (0); Frequency: 836.5 MHz;Duty Cycle: 1:1 Medium parametérs used (interpolated): f = 836.5 MHz; σ = 0.934 S/m; ϵ_r = 42.967; ρ = 1000 kg/m³ Phantom section: Flat Section

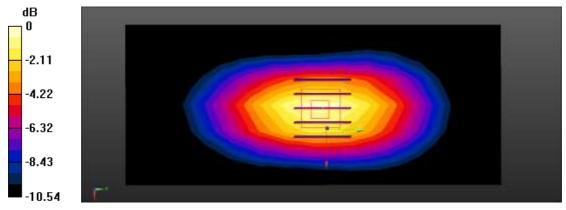
DASY5 Configuration:

- Probe: ES3DV3 SN3076; ConvF(5.51, 5.92, 5.91) @ 836.5 MHz; Calibrated: 2024-07-17 .
- Sensor-Surface: 3mm (Mechanical Surface Detection) •
- •
- •
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501) •

NR Band n5 Body Top DFT-s QPSK 20MHz 50RB 28offset 167300ch/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.599 W/kg

NR Band n5 Body Top DFT-s QPSK 20MHz 50RB 28offset 167300ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mmReference Value = 25.52 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 0.749 W/kg SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.349 W/kg Maximum value of SAR (measured) = 0.621 W/kg



0 dB = 0.621 W/kg = -2.07 dBW/kg



HCT CO., LTD
Tablet
23.1 °C
23.0 ℃
01/23/2025
A14
NR Band n66 MAIN1

Communication System: UID 0, n66 (0); Frequency: 1745 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): f = 1745 MHz; σ = 1.324 S/m; ϵ_r = 41.142; ρ = 1000 kg/m³ Phantom section: Flat Section

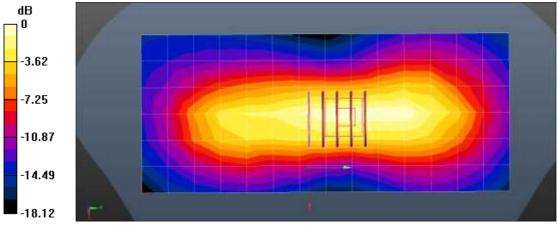
DASY5 Configuration:

- Probe: ES3DV3 SN3076; ConvF(4.8, 5.16, 5.15) @ 1745 MHz; Calibrated: 2024-07-17 Sensor-Surface: 3mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
- •
- •
- •
- .

NR Band n66 Body Top DFT-s QPSK 40MHz 1RB 108offset 349000ch/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.972 W/kg

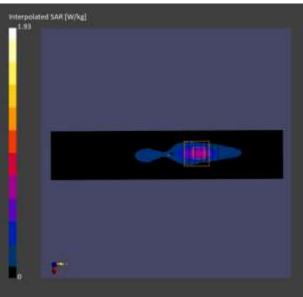
NR Band n66 Body Top DFT-s QPSK 40MHz 1RB 108offset 349000ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 25.11 V/m; Power Drift = 0.16 dB Peak SAR (extrapolated) = 1.31 W/kg SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.499 W/kg Maximum value of SAR (measured) = 1.01 W/kg



⁰ dB = 0.972 W/kg = -0.12 dBW/kg

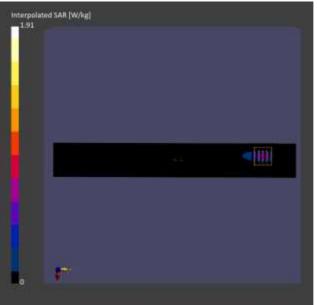


Test Laborate EUT Type: Ambient Ten Liquid Tempo Test Date: Plot No.: Band: Measuremen RBPosition:M Exposure Col	nperature: erature: It Report for I lid AntennaCl	Device, E	2025 nd n41 MAIN1	nd n41, 5G N 98 (2592.990	R (CP-OFDM, MHz)	1 RB, 100 MHz,	QPSK, 30 kHz)
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid Hardware Se	EDGE TOP, 0.00	Band n41	5G NR FR1 TDD, 10803- AAF	2592.990, 518598	6.64	1.98	38.7
Phantom	tup	Probe, Calibration Date		DAE,	Calibration Date	è	
ELI V5.0 (20deg probe tilt) Scans Setup		EΣ	(3DV4 - SN775	51, 2024-09-1	19 DAE4	ip Sn1866, 2024	-05-02
				Area Sc	an	Zoc	om Scan
Grid Extents [mm]				42.0 x 200	0.0	30.0 x 30.	0 x 30.0
Grid Steps [mm]			7.0 x 10	0.0	5.0 x	5.0 x 1.5	
Sensor Surface [mm]			3	3.0		1.4	
Grading Ratio				Ν	I/A		1.5
Measuremen	t Results			٨٢	ea Scan	700	om Scan
	'Kal			AIE	0.533	200	0.550
psSAR1g [W/Kg]					0.555		0.550
psSAR10g [W/Kg] Power Drift [dB]					0.201		0.195
rower Dillt [a boundarian (0.15		0.15





Test Laboratory: EUT Type: Ambient Temperature: Liquid Temperature: Test Date: Plot No.: Band: Measurement Report fr 30 kHz) AntennaCfg:SIS Exposure Conditions	HCT CO., LTD Tablet 20.8 °C 20.7 °C 01/24/2025 A16 NR Band n77 MAIN2 pr Device, EDGE RIGHT, Ba SO, Channel 633334 (3500	ind n77, 5G NR (DFT-s-O .010 MHz)	FDM, 100% RB, 100 MHz, QPSK,
Phantom Position, Section, TSL Test Distance [mm]	Band Group, UID	Frequency Conversior [MHz], Factor Channel Number	n TSL TSL Conductivity Permittivity [S/m]
Flat, Head EDGE Simulating RIGHT, Liquid 0.00 Hardware Setup	Band 5G NR FR1 n77 TDD, 10868- AAF	3500.010, 6.44 633334	2.92 38.2
Phantom	Probe, Calibratior	Date DAE,	Calibration Date
ELI V5.0 (20deg probe	tilt) EX3DV4 - SN7751	I, 2024-09-19 DAE4	ip Sn1866, 2024-05-02
Scans Setup		Area Scan	Zoom Scan
Grid Extents [mm]		42.0 x 300.0	28.0 x 28.0 x 28.0
Grid Steps [mm]		7.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm] 3.0			1.4
Grading Ratio		N/A	1.5
Measurement Results			
		Area Scan	Zoom Scan
psSAR1g [W/Kg]		0.486	0.489
psSAR10g [W/Kg]		0.140	0.137
Power Drift [dB]		-0.19	-0.14





HCT CO., LTD
Tablet
22.7 °C
22.6 ℃
01/13/2025
A17
WLAN 2.4 GHz WIFI1+2

Communication System: UID 0, 2450MHz FCC (0); Frequency: 2462 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): f = 2462 MHz; σ = 1.808 S/m; ϵ_r = 38.714; ρ = 1000 kg/m³ Phantom section: Flat Section

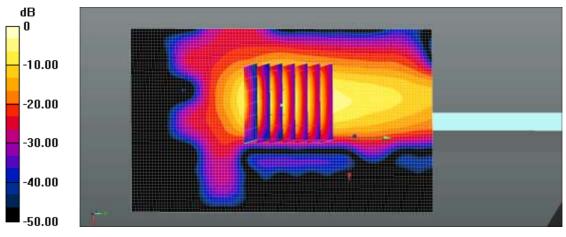
DASY5 Configuration:

- Probe: ES3DV3 SN3076; ConvF(4.46, 4.8, 4.79) @ 2462 MHz; Calibrated: 2024-07-17 Sensor-Surface: 3mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
- •
- •
- •
- .

802.11b Body Right 1Mbps 11ch/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm Maximum value of SAR (interpolated) = 0.756 W/kg

802.11b Body Right 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.05 V/m; Power Drift = 0.03 dB Peak SAR (extrapolated) = 1.67 W/kg SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.172 W/kg Maximum value of SAR (measured) = 0.750 W/kg



⁰ dB = 0.756 W/kg = -1.22 dBW/kg



Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	22.9 ℃
Liquid Temperature:	22.8 ℃
Test Date:	01/16/2025
Plot No.:	A18
Band:	WLAN 5 GHz WIFI1+2

Communication System: UID 0, WiFI5GHz ac80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): f = 5775 MHz; σ = 5.369 S/m; ϵ_r = 34.451; ρ = 1000 kg/m³ Phantom section: Flat Section

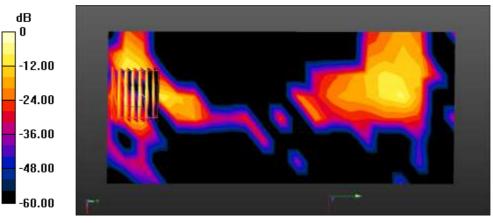
DASY5 Configuration:

- Probe: EX3DV4 SN7309; ConvF(5.04, 4.62, 5.33) @ 5775 MHz; Calibrated: 2024-06-19 .
- •
- •
- •
- Sensor-Surface: 1.4mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501) •

802.11ac80 Body Rear MCS0 155ch/Area Scan (8x21x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 1.36 W/kg

802.11ac80 Body Rear MCS0 155ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.8470 V/m; Power Drift = 0.16 dB Peak SAR (extrapolated) = 5.55 W/kg SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.110 W/kg Maximum value of SAR (measured) = 1.87 W/kg



0 dB = 1.87 W/kg = 2.72 dBW/kg



HCT CO., LTD
Tablet
22.8 °C
22.7 °C
01/20/2025
A19
Bluetooth WIFI1

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz;Duty Cycle: 1:1 Medium parameters used: f = 2480 MHz; $\sigma = 1.861 \text{ S/m}$; $\epsilon_r = 39.864$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section

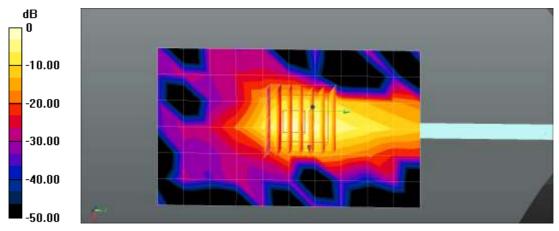
DASY5 Configuration:

- Probe: ES3DV3 SN3076; ConvF(4.46, 4.8, 4.79) @ 2480 MHz; Calibrated: 2024-07-17 Sensor-Surface: 3mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
- •
- •
- •
- .

Bluetooth Body Right DH5 78ch/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 0.569 W/kg

Bluetooth Body Right DH5 78ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.879 V/m; Power Drift = 0.11 dB Peak SAR (extrapolated) = 1.46 W/kg SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.130 W/kg Maximum value of SAR (measured) = 0.610 W/kg



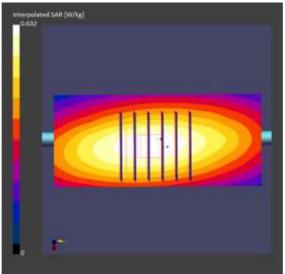
⁰ dB = 0.569 W/kg = -2.45 dBW/kg



Appendix C. – Dipole Verification Plots

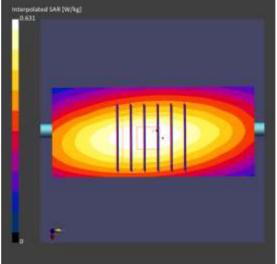


Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.9 °C Test Date: 01/16/2025 Band: LTE Band 12_MAIN1 Measurement Report for Device, , , CW, Channel 0 (750.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-750.000, 0 8.91 0.877 41.9 Liquid Hardware Setup Phantom Probe, Calibration Date DAE, Calibration Date EX3DV4 - SN7751, 2024-09-19 ELI V5.0 (20deg probe tilt) DAE4ip Sn1866, 2024-05-02 Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 0.439 0.438 psSAR10g [W/Kg] 0.294 0.298 Power Drift [dB] -0.01 -0.04



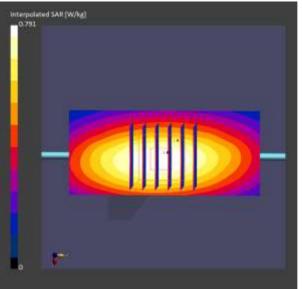


Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.6 °C Test Date: 01/17/2025 Band: LTE Band 13_MAIN1 Measurement Report for Device, , , CW, Channel 0 (750.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-750.000, 0 8.91 0.876 42.9 Liquid Hardware Setup Phantom Probe, Calibration Date DAE, Calibration Date EX3DV4 - SN7751, 2024-09-19 ELI V5.0 (20deg probe tilt) DAE4ip Sn1866, 2024-05-02 Scans Setup Area Scan Zoom Scan 30.0 x 30.0 x 30.0 Grid Extents [mm] 40.0 x 90.0 6.0 x 6.0 x 1.5 Grid Steps [mm] 10.0 x 15.0 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan 0.439 0.437 psSAR1g [W/Kg] psSAR10g [W/Kg] 0.294 0.298 Power Drift [dB] -0.01 -0.04



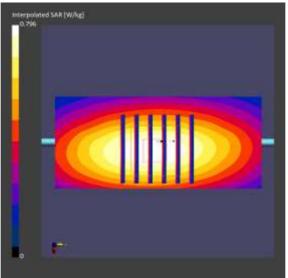


Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.7 °C Test Date: 01/15/2025 Band: GSM 850_MAIN1 Measurement Report for Device, , , CW, Channel 0 (835.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-835.000, 0 8.75 0.923 42.7 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 ELI V5.0 (20deg probe tilt) DAE4ip Sn1866, 2024-05-02 Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 0.527 0.524 psSAR10g [W/Kg] 0.350 0.348 Power Drift [dB] -0.04 -0.06



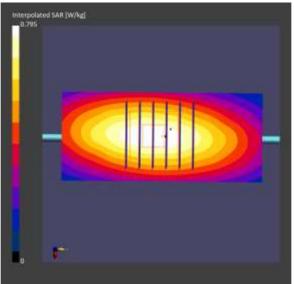


Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.5 ℃ Test Date: 01/20/2025 Band: LTE Band 26_MAIN1 Measurement Report for Device, , , CW, Channel 0 (835.000 MHz) Exposure Conditions Phantom Band Group, Conversion Position, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-835.000, 0 8.75 0.934 42.5 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 ELI V5.0 (20deg probe tilt) DAE4ip Sn1866, 2024-05-02 Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 0.524 0.528 psSAR10g [W/Kg] 0.348 0.350 Power Drift [dB] 0.00 -0.01





Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.8 °C Test Date: 01/14/2025 UMTS Band 5_MAIN1 Band: Measurement Report for Device, , , CW, Channel 0 (835.000 MHz) Exposure Conditions Phantom Band Group, Conversion Position, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-835.000, 0 8.75 0.911 43.0 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 0.516 0.522 psSAR10g [W/Kg] 0.338 0.348 Power Drift [dB] -0.11 -0.16



F-TP22-03 (Rev. 06)



Verification Data (835 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.9 ℃
Test Date:	01/22/2025
Band:	NR Band n5_MAIN1

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1 Medium parameters used (interpolated): f = 835 MHz; σ = 0.933 S/m; ϵ_r = 42.973; ρ = 1000 kg/m³ Phantom section: Flat Section

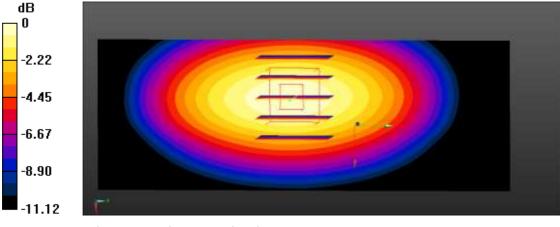
DASY5 Configuration:

- Probe: ES3DV3 SN3076; ConvF(5.51, 5.92, 5.91) @ 835 MHz; Calibrated: 2024-07-17 Sensor-Surface: 3mm (Mechanical Surface Detection)
- •
- •
- •
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501) •

Dipole/835MHz Head Verification/Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 0.552 W/kg

Dipole/835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

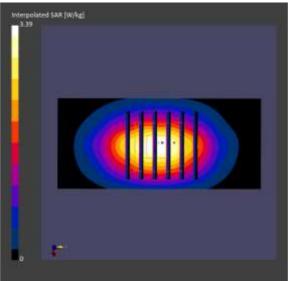
Reference Value = 23.70 V/m; Power Drift = 0.06 dB Peak SAR (extrapolated) = 0.712 W/kg SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.312 W/kg Maximum value of SAR (measured) = 0.567 W/kg



0 dB = 0.567 W/kg = -2.46 dBW/kg



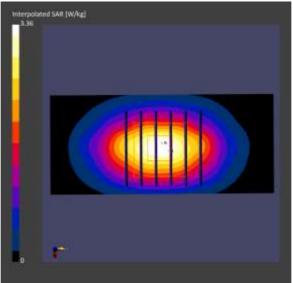
Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.4 °C Test Date: 01/21/2025 Band: LTE Band 66_MAIN1 Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz) Exposure Conditions Phantom Band Group, Conversion Position, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-1800.000, 0 7.55 1.39 40.6 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 1.98 1.97 psSAR10g [W/Kg] 1.05 1.07 Power Drift [dB] 0.02 -0.01



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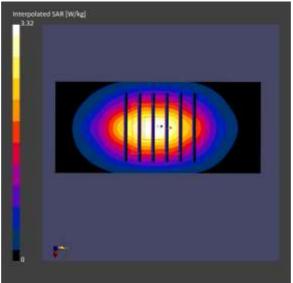
Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.3 °C Test Date: 01/22/2025 Band: LTE Band 66_SUB1 Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Conductivity Permittivity Section, TSL Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-1800.000, 0 7.55 1.36 40.6 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 1.95 1.95 psSAR10g [W/Kg] 1.03 1.06 Power Drift [dB] 0.02 -0.03



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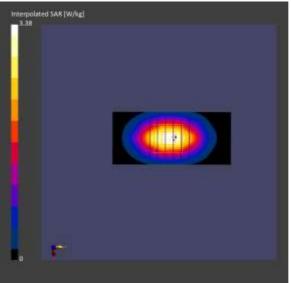


Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.6 °C 01/25/2025 Test Date: Band: NR Band n66_MAIN1, LTE Band 66 Cover Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Conductivity Permittivity Section, TSL Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-1800.000, 0 7.55 1.39 41.6 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 ELI V5.0 (20deg probe tilt) DAE4ip Sn1866, 2024-05-02 Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 1.95 1.93 psSAR10g [W/Kg] 1.02 1.04 Power Drift [dB] 0.00 -0.01





Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.8 °C Test Date: 01/14/2025 UMTS Band 4_MAIN1 Band: Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz) Exposure Conditions Phantom Band Group, Conversion Position, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-1800.000, 0 7.55 1.38 41.6 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 1.97 1.92 psSAR10g [W/Kg] 1.03 1.03 Power Drift [dB] -0.19 -0.14



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Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	23.0 ℃
Test Date:	01/23/2025
Band:	NR Band n66_MAIN1

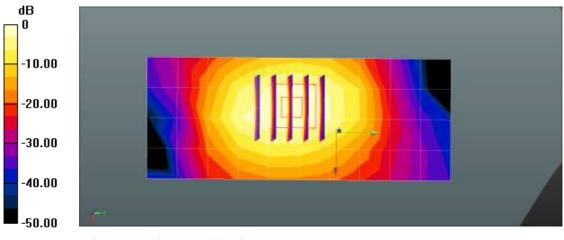
Communication System: UID 0, CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1 Medium parameters used: f = 1800 MHz; σ = 1.365 S/m; ϵ_r = 41.091; ρ = 1000 kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 SN3076; ConvF(4.8, 5.16, 5.15) @ 1800 MHz; Calibrated: 2024-07-17 Sensor-Surface: 3mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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1800MHz Head Verification/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 1.96 W/kg

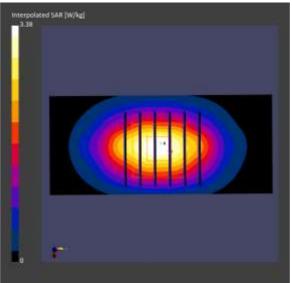
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 39.91 V/m; Power Drift = -0.03 dB Peak SAR (extrapolated) = 3.38 W/kg SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.08 W/kg Maximum value of SAR (measured) = 2.50 W/kg



⁰ dB = 1.96 W/kg = 2.93 dBW/kg



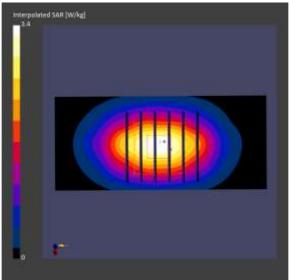
Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.6 °C Test Date: 01/17/2025 LTE Band 25_MAIN1 Band: Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-1900.000, 0 7.35 1.39 40.2 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 1.97 1.95 psSAR10g [W/Kg] 1.02 1.05 Power Drift [dB] -0.03 -0.04



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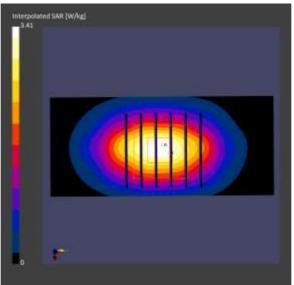


Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.9 °C Test Date: 01/16/2025 LTE Band 2_SUB1 Band: Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-1900.000, 0 7.35 1.40 39.2 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 1.97 1.96 psSAR10g [W/Kg] 1.03 1.06 Power Drift [dB] -0.01 -0.17





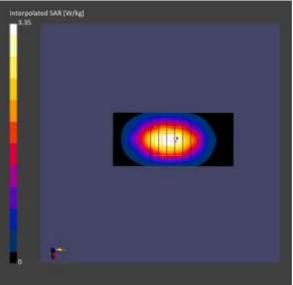
Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.7 ℃ Test Date: 01/15/2025 GSM1900_MAIN1 Band: Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz) Exposure Conditions Phantom Band Group, Conversion Position, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-1900.000, 0 7.35 1.41 39.0 Liquid Hardware Setup Phantom Probe, Calibration Date DAE, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 2.00 1.98 psSAR10g [W/Kg] 1.04 1.06 Power Drift [dB] 0.02 -0.02



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Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.2 ℃ Test Date: 01/13/2025 UMTS Band 2_MAIN1 Band: Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz) Exposure Conditions Phantom Band Group, Conversion Position, Frequency TSL TSL Conductivity Permittivity Section, TSL Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-1900.000, 0 7.35 1.42 41.2 Liquid Hardware Setup Phantom Probe, Calibration Date DAE, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 90.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 15.0 6.0 x 6.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 1.89 1.85 psSAR10g [W/Kg] 0.983 0.991 Power Drift [dB] -0.15 -0.16

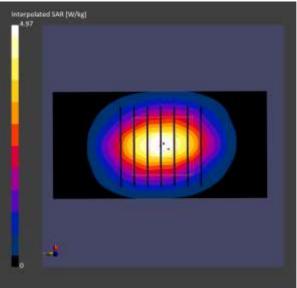


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■ Verification Data (2 450 MHz Head)

Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.6 °C 01/25/2025 Test Date: Band: WLAN 2.4 GHz_WIFI1+2 COVER Measurement Report for Device, , , CW, Channel 0 (2450.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-2450.000, 0 6.75 1.78 38.7 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 80.0 30.0 x 30.0 x 30.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 10.0 5.0 x 5.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 2.57 2.55 psSAR10g [W/Kg] 1.19 1.22 Power Drift [dB] 0.00 0.01



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Verification Data (2 450 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.7 °C
Test Date:	01/20/2025
Band:	Bluetooth WIFI1

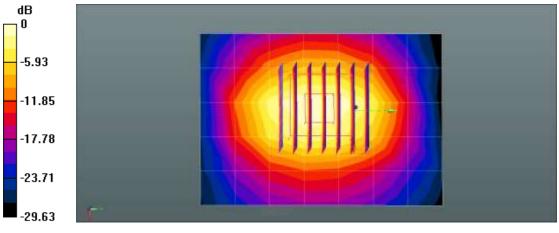
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1 Medium parameters used: f = 2450 MHz; σ = 1.827 S/m; ϵ_r = 39.958; ρ = 1000 kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 SN3076; ConvF(4.46, 4.8, 4.79) @ 2450 MHz; Calibrated: 2024-07-17 Sensor-Surface: 3mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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2450MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 3.22 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 44.63 V/m; Power Drift = 0.04 dB Peak SAR (extrapolated) = 5.88 W/kg SAR(1 g) = 2.79 W/kg; SAR(10 g) = 1.27 W/kg Maximum value of SAR (measured) = 3.71 W/kg



0 dB = 3.22 W/kg = 5.08 dBW/kg



Verification Data (2 450 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.6 ℃
Test Date:	01/13/2025
Band:	WLAN 2.4 GHz WIFI1, WIFI1+2

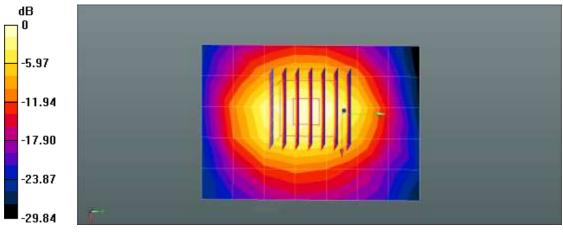
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1 Medium parameters used: f = 2450 MHz; σ = 1.794 S/m; ϵ_r = 38.753; ρ = 1000 kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 SN3076; ConvF(4.46, 4.8, 4.79) @ 2450 MHz; Calibrated: 2024-07-17 Sensor-Surface: 3mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
- •
- •
- •
- •

2450MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 2.92 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 41.41 V/m; Power Drift = -0.06 dB Peak SAR (extrapolated) = 4.96 W/kg SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.12 W/kg Maximum value of SAR (measured) = 3.18 W/kg

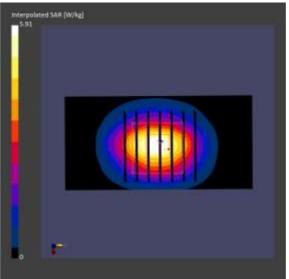


⁰ dB = 2.92 W/kg = 4.65 dBW/kg



■ Verification Data (2 600 MHz Head)

Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.5 ℃ Test Date: 01/20/2025 Band: LTE Band 41 MAIN1 Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-2600.000, 0 6.64 1.96 38.6 Liquid Hardware Setup Phantom Probe, Calibration Date DAE, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 80.0 30.0 x 30.0 x 30.0 Grid Extents [mm] 10.0 x 10.0 Grid Steps [mm] 5.0 x 5.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 2.97 2.96 psSAR10g [W/Kg] 1.34 1.37 Power Drift [dB] -0.02 -0.01

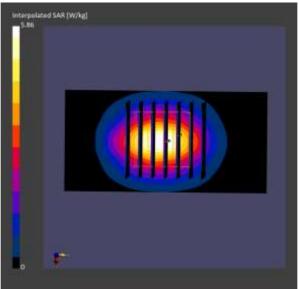


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■ Verification Data (2 600 WHz Head)

Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.7 ℃ Test Date: 01/24/2025 Band: NR Band n41 SRS Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Conductivity Permittivity Section, TSL Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-2600.000, 0 6.64 2.02 38.9 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 80.0 30.0 x 30.0 x 30.0 Grid Extents [mm] 10.0 x 10.0 Grid Steps [mm] 5.0 x 5.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 2.89 2.88 psSAR10g [W/Kg] 1.28 1.31 Power Drift [dB] 0.01 -0.01

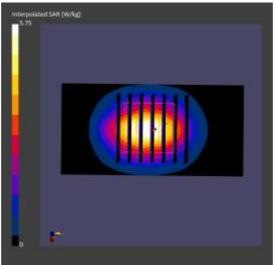


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■ Verification Data (2 600 WHz Head)

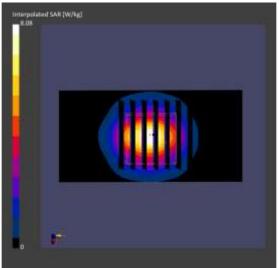
Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.6 °C Test Date: 01/23/2025 Band: NR Band n41 MAIN1 Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz) Exposure Conditions Phantom Conversion Position, Band Group, Frequency TSL TSL Conductivity Permittivity Section, TSL Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-2600.000, 0 6.64 1.99 38.6 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 80.0 30.0 x 30.0 x 30.0 Grid Extents [mm] 10.0 x 10.0 Grid Steps [mm] 5.0 x 5.0 x 1.5 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 2.84 2.82 psSAR10g [W/Kg] 1.26 1.29 Power Drift [dB] -0.00 -0.01





■ Verification Data (3 500 MHz Head)

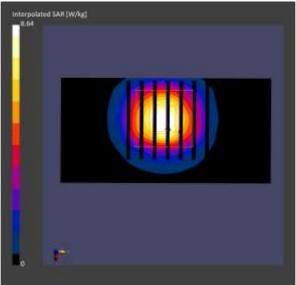
Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.7 ℃ Test Date: 01/24/2025 Band: NR Band n77 MAIN2 Measurement Report for Device, , , CW, Channel 0 (3500.000 MHz) Exposure Conditions Phantom Band Group, Conversion Position, Frequency TSL TSL Conductivity Permittivity Section, TSL Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-3500.000, 0 6.44 2.92 38.2 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 80.0 28.0 x 28.0 x 28.0 Grid Extents [mm] Grid Steps [mm] 10.0 x 10.0 5.0 x 5.0 x 1.4 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 3.28 3.28 psSAR10g [W/Kg] 1.24 1.27 Power Drift [dB] 0.00 0.00





■ Verification Data (3 700 MHz Head)

Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.7 ℃ Test Date: 01/24/2025 Band: NR Band n77 MAIN2 Measurement Report for Device, , , CW, Channel 0 (3700.000 MHz) Exposure Conditions Phantom Band Group, Conversion Position, Frequency TSL TSL Section, TSL Conductivity Permittivity Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-3700.000, 0 6.33 3.09 37.9 Liquid Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 80.0 28.0 x 28.0 x 28.0 Grid Extents [mm] 10.0 x 10.0 Grid Steps [mm] 5.0 x 5.0 x 1.4 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 3.05 3.27 psSAR10g [W/Kg] 1.20 1.22 Power Drift [dB] -0.01 -0.00

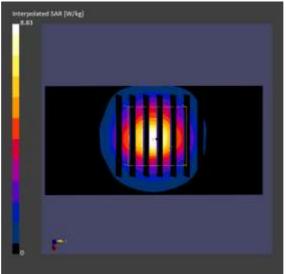


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■ Verification Data (3 900 MHz Head)

Test Laboratory: HCT CO., LTD Input Power 0.05 W Liquid Temp: 20.7 ℃ Test Date: 01/24/2025 Band: NR Band n77 MAIN2 Measurement Report for Device, , , CW, Channel 0 (3900.000 MHz) Exposure Conditions Phantom Band Group, Conversion Position, Frequency TSL TSL Conductivity Permittivity Section, TSL Test UID [MHz], Factor Distance Channel [S/m] Number [mm] Flat, Head Simulating CW, 0-3900.000, 0 6.25 3.24 37.7 Liquid Hardware Setup Phantom Probe, Calibration Date DAE, Calibration Date EX3DV4 - SN7751, 2024-09-19 DAE4ip Sn1866, 2024-05-02 ELI V5.0 (20deg probe tilt) Scans Setup Area Scan Zoom Scan 40.0 x 80.0 28.0 x 28.0 x 28.0 Grid Extents [mm] 10.0 x 10.0 Grid Steps [mm] 5.0 x 5.0 x 1.4 Sensor Surface [mm] 3.0 1.4 Grading Ratio N/A 1.5 Measurement Results Area Scan Zoom Scan psSAR1g [W/Kg] 3.05 3.13 psSAR10g [W/Kg] 1.09 1.12 Power Drift [dB] 0.01 0.01



F-TP22-03 (Rev. 06)



Verification Data (5 250 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.7 °C
Test Date:	01/15/2025
Band:	WLAN 5 GHz WIFI2

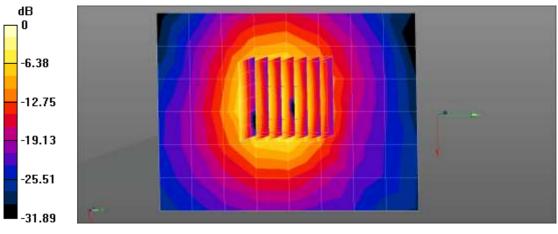
Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1 Medium parameters used: f = 5250 MHz; σ = 4.694 S/m; ϵ_r = 35.01; ρ = 1000 kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 SN7309; ConvF(5.54, 5.07, 5.86) @ 5250 MHz; Calibrated: 2024-06-19 Sensor-Surface: 1.4mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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5250MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 8.22 W/kg

5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 44.77 V/m; Power Drift = 0.05 dB Peak SAR (extrapolated) = 15.6 W/kg **SAR(1 g) = 4.04 W/kg; SAR(10 g) = 1.17 W/kg** Maximum value of SAR (measured) = 9.88 W/kg



0 dB = 8.22 W/kg = 9.15 dBW/kg



■ Verification Data (5 600 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.7 °C
Test Date:	01/15/2025
Band:	WLAN 5 GHz WIFI2

Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1 Medium parameters used: f = 5600 MHz; σ = 5.059 S/m; ϵ_r = 34.55; ρ = 1000 kg/m³ Phantom section: Flat Section

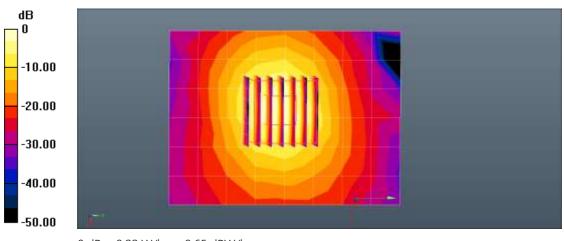
DASY5 Configuration:

- Probe: EX3DV4 SN7309; ConvF(5.04, 4.62, 5.33) @ 5600 MHz; Calibrated: 2024-06-19 Sensor-Surface: 1.4mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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5600MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 9.22 W/kg

5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.02 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 18.7 W/kg SAR(1 g) = 4.32 W/kg; SAR(10 g) = 1.23 W/kg Maximum value of SAR (measured) = 11.0 W/kg



⁰ dB = 9.22 W/kg = 9.65 dBW/kg



Verification Data (5 750 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.7 °C
Test Date:	01/15/2025
Band:	WLAN 5 GHz WIFI2

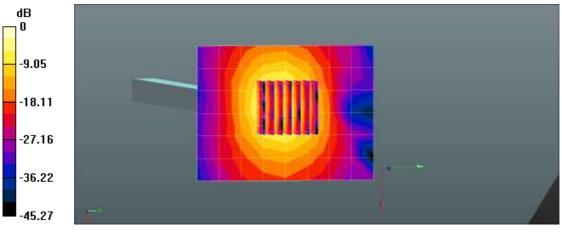
Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1 Medium parameters used: f = 5750 MHz; σ = 5.267 S/m; ϵ_r = 34.432; ρ = 1000 kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 SN7309; ConvF(5.04, 4.62, 5.33) @ 5750 MHz; Calibrated: 2024-06-19 Sensor-Surface: 1.4mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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5750MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 9.02 W/kg

5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 43.13 V/m; Power Drift = 0.11 dB Peak SAR (extrapolated) = 18.1 W/kg **SAR(1 g) = 4.09 W/kg; SAR(10 g) = 1.17 W/kg** Maximum value of SAR (measured) = 10.5 W/kg



⁰ dB = 9.02 W/kg = 9.55 dBW/kg



■ Verification Data (5 800 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.7 °C
Test Date:	01/15/2025
Band:	WLAN 5 GHz WIFI2

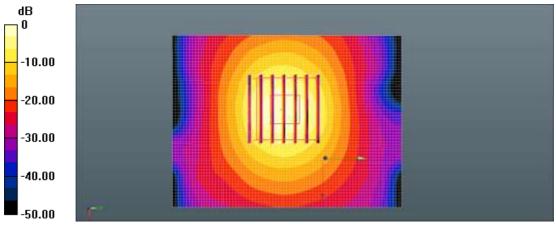
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1 Medium parameters used: f = 5800 MHz; σ = 5.198 S/m; ϵ_r = 34.432; ρ = 1000 kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 SN7309; ConvF(5.05, 4.62, 5.34) @ 5800 MHz; Calibrated: 2024-06-19 Sensor-Surface: 1.4mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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5800MHz Head Verification/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 10.4 W/kg

5800MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 42.02 V/m; Power Drift = 0.13 dB Peak SAR (extrapolated) = 20.3 W/kg **SAR(1 g) = 3.92 W/kg; SAR(10 g) = 1.09 W/kg** Maximum value of SAR (measured) = 10.4 W/kg



⁰ dB = 10.4 W/kg = 10.19 dBW/kg



Verification Data (5 250 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.8 ℃
Test Date:	01/16/2025
Band:	WLAN 5 GHz WIFI1+2

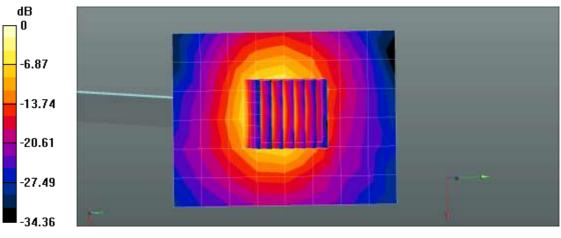
Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1 Medium parameters used: f = 5250 MHz; σ = 4.81 S/m; ϵ_r = 35.011; ρ = 1000 kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 SN7309; ConvF(5.54, 5.07, 5.86) @ 5250 MHz; Calibrated: 2024-06-19 Sensor-Surface: 1.4mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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5250MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 8.81 W/kg

5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 45.15 V/m; Power Drift = 0.05 dB Peak SAR (extrapolated) = 15.9 W/kg **SAR(1 g) = 4.15 W/kg; SAR(10 g) = 1.21 W/kg** Maximum value of SAR (measured) = 10.2 W/kg



⁰ dB = 8.81 W/kg = 9.45 dBW/kg



■ Verification Data (5 600 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.8 ℃
Test Date:	01/16/2025
Band:	WLAN 5 GHz WIFI1+2

Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1 Medium parameters used: f = 5600 MHz; σ = 5.183 S/m; ϵ_r = 34.55; ρ = 1000 kg/m³ Phantom section: Flat Section

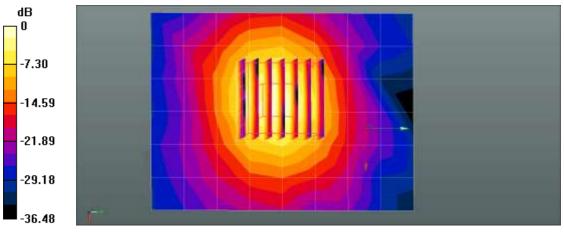
DASY5 Configuration:

- Probe: EX3DV4 SN7309; ConvF(5.04, 4.62, 5.33) @ 5600 MHz; Calibrated: 2024-06-19 Sensor-Surface: 1.4mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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5600MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 9.54 W/kg

5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 44.86 V/m; Power Drift = 0.09 dB Peak SAR (extrapolated) = 18.9 W/kg SAR(1 g) = 4.43 W/kg; SAR(10 g) = 1.27 W/kg Maximum value of SAR (measured) = 11.3 W/kg



⁰ dB = 9.54 W/kg = 9.79 dBW/kg



Verification Data (5 750 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.8 ℃
Test Date:	01/16/2025
Band:	WLAN 5 GHz WIFI1+2

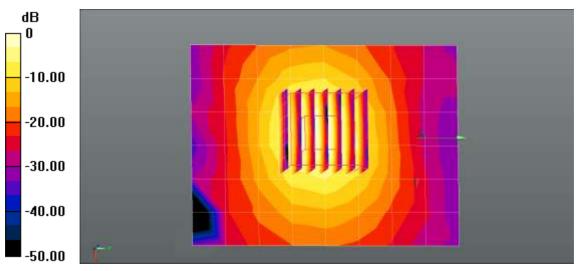
Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1 Medium parameters used: f = 5750 MHz; σ = 5.397 S/m; ϵ_r = 34.44; ρ = 1000 kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 SN7309; ConvF(5.04, 4.62, 5.33) @ 5750 MHz; Calibrated: 2024-06-19 Sensor-Surface: 1.4mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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5750MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 9.17 W/kg

5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 43.36 V/m; Power Drift = 0.07 dB Peak SAR (extrapolated) = 18.8 W/kg **SAR(1 g) = 4.21 W/kg; SAR(10 g) = 1.2 W/kg** Maximum value of SAR (measured) = 10.9 W/kg



⁰ dB = 9.17 W/kg = 9.62 dBW/kg



■ Verification Data (5 800 MHz Head)

Test Laboratory:	HCT CO., LTD
Input Power	0.05 W
Liquid Temp:	22.8 ℃
Test Date:	01/16/2025
Band:	WLAN 5 GHz WIFI1+2

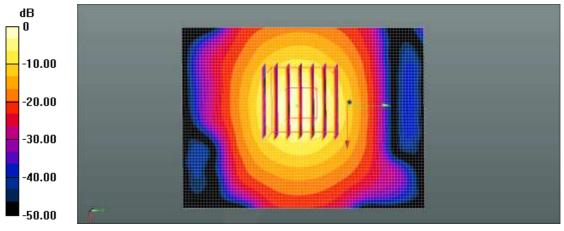
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1 Medium parameters used: f = 5800 MHz; σ = 5.33 S/m; ϵ_r = 34.441; ρ = 1000 kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 SN7309; ConvF(5.05, 4.62, 5.34) @ 5800 MHz; Calibrated: 2024-06-19 Sensor-Surface: 1.4mm (Mechanical Surface Detection) Electronics: DAE4 Sn868; Calibrated: 2024-09-19 Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514 Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)
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5800MHz Head Verification/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 10.7 W/kg

5800MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 42.05 V/m; Power Drift = 0.12 dB Peak SAR (extrapolated) = 21.2 W/kg SAR(1 g) = 4.04 W/kg; SAR(10 g) = 1.12 W/kg Maximum value of SAR (measured) = 10.8 W/kg



⁰ dB = 10.7 W/kg = 10.29 dBW/kg



Appendix D. – SAR Tissue Characterization

The brain and muscle mixtures consist of a viscous gel using hydrox-ethyl cellulose (HEC) gelling agent and saline solution (see Table 3.1). Preservation with a bacteriacide is added and visual inspection is made to make sure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the desired tissue. The mixture characterizations used for the brain and muscle tissue simulating liquids are according to the data by C. Gabriel and G. Harts grove.

Ingredients	Frequency (Mtz)									
(% by weight)	75	50	83	35	19	00	2 450 -	- 2 700	3500 -	5 800
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	41.1	51.7	40.45	53.06	54.9	70.17	71.88	73.2	65.52	78.66
Salt (NaCl)	1.4	0.9	1.45	0.94	0.18	0.39	0.16	0.1	0.0	0.0
Sugar	57.0	47.2	57.0	44.9	0.0	0	0.0	0.0	0.0	0.0
HEC	0.2	0	1.0	1.0	0.0	0	0.0	0.0	0.0	0.0
Bactericide	0.2	0.1	0.1	0.1	0.0	0	0.0	0.0	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0	19.97	0.0	17.24	10.67
DGBE	0.0	0.0	0.0	0.0	44.92	29.44	7.99	26.7	0.0	0.0
Diethylene glycol hexyl ether	-	-	-	-	-	-	-	-	-	-

Salt:	99 % Pure Sodium Chloride	Sugar:	98 % Pure Sucrose		
Water:	De-ionized, 16M resistivity	HEC:	Hydroxyethyl Cellulose		
DGBE:	99 % Di (ethylene glycol) butyl ether, [2-(2-butoxyethoxy) ethanol]				
Triton X-100(ultra-pure):	Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl) phenyl] ether				

Composition of the Tissue Equivalent Matter



Appendix E. – SAR System Validation

Per FCC KDB 865664 D02v01r02, SAR system validation status should be document to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in IEEE 1528-2013 and FCC KDB 865664 D01v01r04. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

SAR	Probe	Probe Type	Probe Calibration Point		Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation		
System No.							Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR
16	7751	EX3DV4	Head	750	1014	2024-10-01	42.1	0.88	PASS	PASS	PASS	N/A	N/A	N/A
16	7751	EX3DV4	Head	835	441	2024-10-01	41.6	0.91	PASS	PASS	PASS	N/A	N/A	N/A
16	7751	EX3DV4	Head	835	441	2024-10-01	41.6	0.91	PASS	PASS	PASS	GMSK	PASS	N/A
5	3076	ES3DV3	Head	835	441	2024-07-27	41.7	0.93	PASS	PASS	PASS	N/A	N/A	N/A
16	7751	EX3DV4	Head	1750	2d007	2024-10-01	40.2	1.37	PASS	PASS	PASS	N/A	N/A	N/A
16	7751	EX3DV4	Head	1750	2d007	2024-10-01	40.2	1.37	PASS	PASS	PASS	GMSK	PASS	N/A
5	3076	ES3DV3	Head	1750	2d007	2024-07-27	40.1	1.39	PASS	PASS	PASS	N/A	N/A	N/A
16	7751	EX3DV4	Head	1900	5d061	2025-01-23	40.1	1.43	PASS	PASS	PASS	N/A	N/A	N/A
16	7751	EX3DV4	Head	1900	5d061	2025-01-23	40.1	1.43	PASS	PASS	PASS	GMSK	PASS	N/A
16	7751	EX3DV4	Head	2450	743	2024-10-01	39.1	1.84	PASS	PASS	PASS	OFDM	N/A	PASS
5	3076	ES3DV3	Head	2450	743	2024-07-27	39.1	1.79	PASS	PASS	PASS	OFDM	N/A	PASS
16	7751	EX3DV4	Head	2600	1015	2024-10-01	38.7	1.93	PASS	PASS	PASS	N/A	N/A	N/A
16	7751	EX3DV4	Head	2600	1015	2024-10-01	38.7	1.93	PASS	PASS	PASS	TDD	PASS	N/A
16	7751	EX3DV4	Head	3500	1132	2025-01-19	38.2	2.94	PASS	PASS	PASS	TDD	PASS	N/A
16	7751	EX3DV4	Head	3700	1105	2024-10-01	37.9	3.15	PASS	PASS	PASS	TDD	PASS	N/A
16	7751	EX3DV4	Head	3900	1086	2024-10-01	37.7	3.30	PASS	PASS	PASS	TDD	PASS	N/A
9	7309	EX3DV4	Head	5250	1107	2024-06-30	35.8	4.72	PASS	PASS	PASS	OFDM	N/A	PASS
9	7309	EX3DV4	Head	5600	1107	2024-06-30	35.2	5.10	PASS	PASS	PASS	OFDM	N/A	PASS
9	7309	EX3DV4	Head	5750	1107	2024-06-30	35.4	5.22	PASS	PASS	PASS	OFDM	N/A	PASS
16	7751	EX3DV4	Head	5750	1107	2024-10-01	35.2	5.26	PASS	PASS	PASS	OFDM	N/A	PASS
9	7309	EX3DV4	Head	5800	1107	2024-06-30	35.3	5.26	PASS	PASS	PASS	OFDM	N/A	PASS

Note;

All measurement were performed using probes calibrated for CW signal only. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04. SAR system were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to KDB 865664 D01v01r04.

SAR System Validation Summary