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## Sum of the SAR for GSM 1900 &Wi-Fi & BT:

DE Evnesure	Toot	Simultane	ous Transmissic	on Scenario	71 a CAD	SPLSR
RF Exposure Conditions	Test Position	GSM 1900	2.4GHz WI-Fi DTS Band	Bluetooth	Σ1-g SAR (W/kg)	(Yes/No)
	D	0.616	0.509		1.125	No
Body-worn	Rear	0.616		0.082	0.698	No
(voice)	C	0.446	0.265		0.711	No
	Front	0.446		0.082	0.528	No
0		0.786		0.082	0.868	No
Body-worn	Rear	0.786	0.509		1.295	No
(Data)	Frant	0.556		0.082	0.638	No
	Front	0.556	0.265		0.821	No
Body-worn	Edge 1	0.460	0.179		0.639	No
(Hotspot)	Edge 1	0.460		0.082	0.542	No
DE E	•	Simultane	ous Transmission	on Scenario	Σ1-g SAR (W/kg)	CDI CD
RF Exposure Conditions	Test Position	GSM 1900	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band		SPLSR (Yes/No)
(8)	Rear	0.616	0.400		1.016	No
Body-worn	Rear	0.616		0.191	0.807	No
(voice)	Front	0.446	0.177		0.623	No
	FIORI	0.446		0.077	0.523	No
8	Door	0.786		0.191	0.977	No
Body-worn	Rear	0.786	0.400		1.186	No
(Data)	Front	0.556		0.077	0.633	No
	FIOIIL	0.556	0.177		0.733	No
Body-worn	Edge 1	0.460	0.612		1.072	No
(Hotspot)	Edge 1	0.460		0.281	0.741	No
RF Exposure	Test	Simultane	ous Transmissic		Σ1-g SAR	SPLSR
Conditions	Position	GSM 1900		z Wi-Fi Band	(W/kg)	(Yes/No)
Body-worn	Rear	0.616	0.1	87	0.803	No
(voice)	Front	0.446	0.1	06	0.552	No
Body-worn	Rear	0.786	0.1	87	0.973	No
(Data)	Front	0.556	0.1	06	0.662	No
Body-worn (Hotspot)	Edge 1	0.460	0.3	368	0.828	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.

-SPLSR mean is "The SAR to Peak Location Separation Ratio"



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# Sum of the SAR for WCDMA Band II &Wi-Fi & BT:

		Simultaneo	ous Transmissi	on Scenario		SPLSR (Yes/No)
RF Exposure Conditions	Test Position	WCDMA Band II	2.4GHz Wi-Fi DTS Band	Bluetooth	Σ1-g SAR (W/kg)	
0	Rear	0.687	0.509		1.196	No
-60	Front	0.530	0.265		0.795	No
	Edge1	0.415	0.179		0.594	No
Body-worn	Rear	0.687		0.082	0.769	No
- 0	Front	0.530		0.082	0.612	No
	Edge1	0.415		0.082	0.497	No
RF Exposure Conditions		Simultaneo	ous Transmissi	on Scenario	Σ1-g SAR (W/kg)	(4)
	Test Position	WCDMA Band II	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band		SPLSR (Yes/No)
	Rear	0.687	0.400		1.087	No
	Front	0.530	0.177		0.707	No
Dody worn	Edge 1	0.415	0.612		1.027	No
Body-worn	Rear	0.687		0.191	0.878	No
	Front	0.530		0.077	0.607	No
	Edge 1	0.415		0.281	0.696	No
DE Evnocuro	Test	Simultaneo	ous Transmissi	on Scenario	F4 ~ C4D	SPLSR
RF Exposure Conditions	Position	WCDMA Band II	5.8GHz Wi-Fi DTS Band		Σ1-g SAR (W/kg)	(Yes/No)
8	Rear	0.687	0	.187	0.874	No
Body-worn	Front	0.530	0	.106	0.636	No
-C	Edge 1	0.415	0	.368	0.783	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.

·SPLSR mean is "The SAR to Peak Location Separation Ratio "



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## Sum of the SAR for WCDMA Band IV &Wi-Fi & BT:

		Simultane	ous Transmissi	on Scenario		SPLSR (Yes/No)
RF Exposure Conditions	Test Position	WCDMA Band IV	2.4GHz Wi-Fi DTS Band	Bluetooth	Σ1-g SAR (W/kg)	
(0)	Rear	0.762	0.509		1.271	No
- 60	Front	0.735	0.265		1.000	No
D	Edge1	0.158	0.179		0.337	No
Body-worn	Rear	0.762		0.082	0.844	No
- C	Front	0.735		0.082	0.817	No
	Edge1	0.158		0.082	0.240	No
	<del>-</del>	Simultane	ous Transmissi	on Scenario	Σ1-g SAR (W/kg)	(47)
RF Exposure Conditions	Test Position	WCDMA Band IV	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band		SPLSR (Yes/No)
	Rear	0.762	0.400		1.162	No
	Front	0.735	0.177		0.912	No
Pody worm	Edge 1	0.158	0.612		0.770	No
Body-worn	Rear	0.762		0.191	0.953	No
	Front	0.735		0.077	0.812	No
	Edge 1	0.158		0.281	0.439	No
RF Exposure	Test	Simultane	ous Transmissi	on Scenario	Σ1-g SAR	SPLSR
Conditions	Position	WCDMA Band IV	5.8GHz Wi-Fi DTS Band		(W/kg)	(Yes/No)
@	Rear	0.762	0	.187	0.949	No
Body-worn	Front	0.735	0	.106	0.841	No
-C	Edge 1	0.158	0.	.368	0.526	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.

·SPLSR mean is "The SAR to Peak Location Separation Ratio "



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## Sum of the SAR for WCDMA Band V &Wi-Fi & BT:

		Simultaneo	ous Transmissi	on Scenario		SPLSR (Yes/No)
RF Exposure Conditions	Test Position	WCDMA Band V	2.4GHz Wi-Fi DTS Band	Bluetooth	Σ1-g SAR (W/kg)	
. GC -	Rear	0.138	0.509		0.647	No
	Front	0.514	0.265		0.779	No
D	Edge1	0.076	0.179		0.255	No
Body-worn	Rear	0.138		0.082	0.220	No
- C	Front	0.514		0.082	0.596	No
	Edge1	0.076		0.082	0.158	No
	<del>-</del>	Simultaneo	ous Transmissi	on Scenario	Σ1-g SAR (W/kg)	No.
RF Exposure Conditions	Test Position	WCDMA Band V	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band		SPLSR (Yes/No)
	Rear	0.138	0.400		0.538	No
	Front	0.514	0.177		0.691	No
Dedy were	Edge 1	0.076	0.612		0.688	No
Body-worn	Rear	0.138		0.191	0.329	No
	Front	0.514		0.077	0.591	No
	Edge 1	0.076		0.281	0.357	No
RF Exposure	Test	Simultaneo	ous Transmissi	on Scenario	Σ1-g SAR	SPLSR
Conditions	Position	WCDMA Band V	5.8GHz Wi-Fi DTS Band		(W/kg)	(Yes/No)
0	Rear	0.138	0.	.187	0.325	No
Body-worn	Front	0.514	0	.106	0.620	No
-6	Edge 1	0.076	0	.368	0.444	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.

·SPLSR mean is "The SAR to Peak Location Separation Ratio "



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## Sum of the SAR for LTE Band 2 &Wi-Fi & BT:

RF Exposure	Test	Simultane	Simultaneous Transmission Scenario			SPLSR
Conditions	Position	LTE Band 2	2.4GHz Wi-Fi DTS Band	Bluetooth	Σ1-g SAR (W/kg)	(Yes/No)
	Rear	0.822	0.509		1.331	No
(8)	Front	0.686	0.265		0.951	No
	Edge1	0.410	0.179		0.589	No
Body-worn	Rear	0.822		0.082	0.904	No
· ·	Front	0.686		0.082	0.768	No
C	Edge1	0.410		0.082	0.492	No
RF Exposure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR (Yes/No)
Conditions	Position	LTE Band 2	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band	(W/kg)	
	Rear	0.822	0.400		1.222	No
-60	Front	0.686	0.177		0.863	o No
Dody worn	Edge1	0.410	0.612		1.022	No
Body-worn	Rear	0.822		0.191	1.013	No
	Front	0.686		0.077	0.763	No
	Edge1	0.410		0.281	0.691	No
RF Exposure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR
Conditions	Position	E OCU = \N/i Ei			(W/kg)	(Yes/No)
9 (	Rear	0.822	0.1	87	1.009	No
Body-worn	Front	0.686	0.1	06	0.792	No
8	Edge1	0.410	0.3	368	0.778	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
•SPLSR mean is "The SAR to Peak Location Separation Ratio"



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## Sum of the SAR for LTE Band 4 &Wi-Fi & BT:

RF Exposure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR (Yes/No)
	Position	LTE Band 4	2.4GHz Wi-Fi DTS Band	Bluetooth	(W/kg)	
	Rear	0.675	0.509		1.184	No
	Front	0.737	0.265		1.002	No
Dadwysan	Edge1	0.113	0.179		0.292	No No
Body-worn	Rear	0.675		0.082	0.757	No
©	Front	0.737		0.082	0.819	No
C	Edge1	0.113		0.082	0.195	No
DE Evaceure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR (Yes/No)
RF Exposure Conditions	Position	LTE Band 4	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band	(W/kg)	
	Rear	0.675	0.400		1.075	No
-60	Front	0.737	0.177		0.914	<sub>o</sub> No
Pody worn	Edge1	0.113	0.612		0.725	No
Body-worn	Rear	0.675		0.191	0.866	No
- 0	Front	0.737		0.077	0.814	No
	Edge1	0.113		0.281	0.394	No
RF Exposure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR
Conditions	Position	on ITE Band 4 5.8G		z Wi-Fi Band	(W/kg)	(Yes/No)
	Rear	0.675	0.1	87	0.862	No
Body-worn	Front	0.737	◎ 0.1	06	0.843	No
8	Edge1	0.113	0.3	368	0.481	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
•SPLSR mean is "The SAR to Peak Location Separation Ratio"



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## Sum of the SAR for LTE Band 5 &Wi-Fi & BT:

RF Exposure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR (Yes/No)
Conditions	Position	LTE Band 5	2.4GHz Wi-Fi DTS Band	Bluetooth	(W/kg)	
	Rear	0.116	0.509		0.625	No
(8)	Front	0.433	0.265		0.698	No
	Edge1	0.064	0.179		0.243	No
Body-worn	Rear	0.116		0.082	0.198	No
©	Front	0.433		0.082	0.515	No
C	Edge1	0.064		0.082	0.146	No
DE Evaceure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR (W/kg)	SPLSR (Yes/No)
RF Exposure Conditions	Position	LTE Band 5	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band		
8	Rear	0.116	0.400		0.516	No
60	Front	0.433	0.177		0.610	No
Dody worn	Edge1	0.064	0.612		0.676	No
Body-worn	Rear	0.116		0.191	0.307	No
	Front	0.433		0.077	0.510	No
	Edge1	0.064		0.281	0.345	No
RF Exposure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR
Conditions	Position	LTE Band 5	5.8GHz Wi-Fi DTS Band		(W/kg)	(Yes/No)
	Rear	0.116	0.1	87	0.303	No
Body-worn	Front	0.433	◎ 0.1	06	0.539	No
0	Edge1	0.064	0.3	368	0.432	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
•SPLSR mean is "The SAR to Peak Location Separation Ratio"



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## Sum of the SAR for LTE Band 7 &Wi-Fi & BT:

RF Exposure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR (Yes/No)
	Position	LTE Band 7	2.4GHz Wi-Fi DTS Band	Bluetooth	(W/kg)	
	Rear	0.563	0.509		1.072	No
	Front	0.258	0.265		0.523	No
Dedumen	Edge1	0.141	0.179		0.320	No
Body-worn	Rear	0.563		0.082	0.645	No
0	Front	0.258		0.082	0.340	No
C	Edge1	0.141		0.082	0.223	No
DE Exposuro	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR (Yes/No)
RF Exposure Conditions	Position	LTE Band 7	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band	(W/kg)	
8	Rear	0.563	0.400		0.963	No
60	Front	0.258	0.177		0.435	No
Dady warn	Edge1	0.141	0.612		0.753	No
Body-worn	Rear	0.563		0.191	0.754	No
	Front	0.258		0.077	0.335	No
	Edge1	0.141		0.281	0.422	No
RF Exposure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR
Conditions	Position	LTE Band 7	5.8GHz Wi-Fi DTS Band		(W/kg)	(Yes/No)
	Rear	0.563	0.1	87	0.750	No
Body-worn	Front	0.258	⊚ 0.1	06	0.364	No
8	Edge1	0.141	0.3	368	0.509	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
•SPLSR mean is "The SAR to Peak Location Separation Ratio"



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## Sum of the SAR for LTE Band 12 &Wi-Fi & BT:

RF Exposure	Test	Simultaneo	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR
Conditions	Position	LTE Band 12	2.4GHz Wi-Fi DTS Band	Bluetooth	(W/kg)	(Yes/No)
	Rear	0.061	0.509		0.570	No
	Front	0.519	0.265		0.784	No
Dadyyyyana	Edge1	0.049	0.179		0.228	No No
Body-worn	Rear	0.061		0.082	0.143	No
0	Front	0.519		0.082	0.601	No
C	Edge1	0.049		0.082	0.131	No
DE Evacoure	Test	Simultaneo	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR (Yes/No)
RF Exposure Conditions	Position	LTE Band 12	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band	(W/kg)	
9	Rear	0.061	0.400		0.461	No
-60	Front	0.519	0.177		0.696	<sub>o</sub> No
Dody worn	Edge1	0.049	0.612		0.661	No
Body-worn	Rear	0.061		0.191	0.252	No
	Front	0.519		0.077	0.596	No
	Edge1	0.049		0.281	0.330	No
RF Exposure	Test	Simultaneo	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR
Conditions	Position	LTE Band 12	5.8GHz Wi-Fi DTS Band		(W/kg)	(Yes/No)
	Rear	0.061	0.1	87	0.248	No
Body-worn	Front	0.519	0.1	06	0.625	No
0	Edge1	0.049	0.3	368	0.417	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
•SPLSR mean is "The SAR to Peak Location Separation Ratio"



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## Sum of the SAR for LTE Band 17 &Wi-Fi & BT:

RF Exposure	Test	Simultaneo	ous Transmissio	n Scenario	74 ~ CAD	SPLSR (Yes/No)
	Position	LTE Band 17	2.4GHz Wi-Fi DTS Band	Bluetooth	Σ1-g SAR (W/kg)	
0	Rear	0.564	0.509		1.073	No
-60	Front	0.070	0.265		0.335	No
	Edge1	0.043	0.179		0.222	No
Body-worn	Rear	0.564		0.082	0.646	No
- C	Front	0.070		0.082	0.152	No
	Edge1	0.043		0.082	0.125	No
DE Evenenura	Toot	Simultaneo	ous Transmissio	n Scenario	74 ~ CAD	SPLSR (Yes/No)
RF Exposure Conditions	Test Position	LTE Band 17	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band	Σ1-g SAR (W/kg)	
-0	Rear	0.564	0.400		0.964	No
	Front	0.070	0.177		0.247	No
Dody worn	Edge1	0.043	0.612		0.655	No
Body-worn	Rear	0.564		0.191	0.755	No
<b>100</b>	Front	0.070		0.077	0.147	No
	Edge1	0.043		0.281	0.324	No
RF Exposure	Test	Simultaneo	ous Transmissio	n Scenario	Σ1-α SAP	SPLSR
Conditions	Position	LTE Band 17	LTE Band 17 5.8GHz Wi-Fi DTS Band		Σ1-g SAR (W/kg)	(Yes/No)
	Rear	0.564	0.1	87	0.751	No
Body-worn	Front	0.070	0.1	06	0.176	No
0	Edge1	0.043	0.3	868	0.411	No

## Note:

·According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.

-SPLSR mean is "The SAR to Peak Location Separation Ratio"



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## Sum of the SAR for LTE Band 25 &Wi-Fi & BT:

RF Exposure	Test	Simultaneo	Simultaneous Transmission Scenario			SPLSR
	Position	LTE Band 25	2.4GHz Wi-Fi DTS Band	Bluetooth	Σ1-g SAR (W/kg)	(Yes/No)
	Rear	0.745	0.509		1.254	No
	Front	0.676	0.265		0.941	No
	Edge1	0.398	0.179		0.577	No
Body-worn	Rear	0.745		0.082	0.827	No
©	Front	0.676		0.082	0.758	No
C	Edge1	0.398		0.082	0.480	No
DE Evaceure	Test	Simultaneo	ous Transmissio	n Scenario	71 a 84D	SPLSR (Yes/No)
RF Exposure Conditions	Position	LTE Band 25	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band	Σ1-g SAR (W/kg)	
8	Rear	0.745	0.400		1.145	No
60	Front	0.676	0.177		0.853	₀ No
Pody worn	Edge1	0.398	0.612		1.010	No
Body-worn	Rear	0.745		0.191	0.936	No
	Front	0.676		0.077	0.753	No
	Edge1	0.398		0.281	0.679	No
RF Exposure	Test	Simultaneo	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR
Conditions	Position	LTE Band 25	5.8GHz Wi-Fi DTS Band		(W/kg)	(Yes/No)
	Rear	0.745	0.1	187	0.932	No
Body-worn	Front	0.676	0.1	106	0.782	No
8	Edge1	0.398	0.3	368	0.766	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
•SPLSR mean is "The SAR to Peak Location Separation Ratio"



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## Sum of the SAR for LTE Band 26B &Wi-Fi & BT:

DE Exposuro	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR (Yes/No)
RF Exposure Conditions	Position	LTE Band 26B	2.4GHz Wi-Fi DTS Band	Bluetooth	(W/kg)	
	Rear	0.118	0.509		0.627	No
	Front	0.389	0.265		0.654	No
D	Edge1	0.068	0.179		0.247	No
Body-worn	Rear	0.118		0.082	0.200	No
0	Front	0.389		0.082	0.471	No
C	Edge1	0.068		0.082	0.150	No
DE Exposuro	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR (W/kg)	SPLSR (Yes/No)
RF Exposure Conditions	Position	LTE Band 26B	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band		
8	Rear	0.118	0.400		0.518	No
- 60	Front	0.389	0.177		0.566	No
Dadywan	Edge1	0.068	0.612		0.680	No
Body-worn	Rear	0.118		0.191	0.309	No
	Front	0.389		0.077	0.466	No
	Edge1	0.068		0.281	0.349	No
RF Exposure	Test	Simultane	ous Transmissio	n Scenario	Σ1-g SAR	SPLSR
Conditions	Position	LTE Band 26B	5.8GHz Wi-Fi DTS Band		(W/kg)	(Yes/No)
9	Rear	0.118	0.1	187	0.305	No
Body-worn	Front	0.389	0.1	106	0.495	No
8	Edge1	0.068	0.3	368	0.436	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
•SPLSR mean is "The SAR to Peak Location Separation Ratio"



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## Sum of the SAR for LTE Band 38 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			74 ~ CAD	CDI CD
		LTE Band 38	2.4GHz Wi-Fi DTS Band	Bluetooth	Σ1-g SAR (W/kg)	SPLSR (Yes/No)
Body-worn	Rear	0.449	0.509		0.958	No
	Front	0.113	0.265		0.378	No
	Edge1	0.070	0.179		0.249	No
	Rear	0.449		0.082	0.531	No
	Front	0.113		0.082	0.195	No
	Edge1	0.070		0.082	0.152	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			74 ~ CAD	eni en
		LTE Band 38	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band	Σ1-g SAR (W/kg)	SPLSR (Yes/No)
Body-worn	Rear	0.449	0.400		0.849	No
	Front	0.113	0.177		0.290	No
	Edge1	0.070	0.612		0.682	No
	Rear	0.449		0.191	0.640	No
	Front	0.113		0.077	0.190	No
	Edge1	0.070		0.281	0.351	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR	SPLSR
		LTE Band 38	5.8GHz Wi-Fi DTS Band		(W/kg)	(Yes/No)
Body-worn	Rear	0.449	0.187		0.636	No
	Front	0.113	0.106		0.219	No
	Edge1	0.070	0.368		0.438	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
•SPLSR mean is "The SAR to Peak Location Separation Ratio"



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/Inspection he test results

## Sum of the SAR for LTE Band 41 &Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			71 a 64D	CDI CD
		LTE Band 41	2.4GHz Wi-Fi DTS Band	Bluetooth	Σ1-g SAR (W/kg)	SPLSR (Yes/No)
Body-worn	Rear	0.450	0.509		0.959	No
	Front	0.120	0.265		0.385	No
	Edge1	0.025	0.179		0.204	No
	Rear	0.450		0.082	0.532	No
	Front	0.120		0.082	0.202	No
	Edge1	0.025		0.082	0.107	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			E4 = C4D	CDI CD
		LTE Band 41	5.2GHz Wi-Fi DTS Band	5.3GHz Wi-Fi DTS Band	Σ1-g SAR (W/kg)	SPLSR (Yes/No)
Body-worn	Rear	0.450	0.400		0.850	No
	Front	0.120	0.177		0.297	No
	Edge1	0.025	0.612		0.637	No
	Rear	0.450		0.191	0.641	No
	Front	0.120		0.077	0.197	No
	Edge1	0.025		0.281	0.306	No
RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR	SPLSR
		LTE Band 41	5.8GHz Wi-Fi DTS Band		(W/kg)	(Yes/No)
Body-worn	Rear	0.450	0.187		0.637	No
	Front	0.120	0.106		0.226	No
	Edge1	0.025	0.368		0.393	No

#### Note:

-According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than1.6 W/kg, SPLSR assessment is not required.
•SPLSR mean is "The SAR to Peak Location Separation Ratio"



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# APPENDIX A. SAR SYSTEM CHECK DATA

Test Laboratory: AGC Lab Date: Sep. 18,2021

System Check Head 750MHz

DUT: Dipole 750 MHz Type: SID 750

Communication System: CW; Communication System Band: D750 (750.0 MHz); Duty Cycle: 1:1;

Frequency: 750 MHz; Medium parameters used: f = 750MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 42.51$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C): 22.1, Liquid temperature ( $^{\circ}$ C): 21.9

# **DASY Configuration:**

Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 SN1398; Calibrated: May 17,2021

• Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

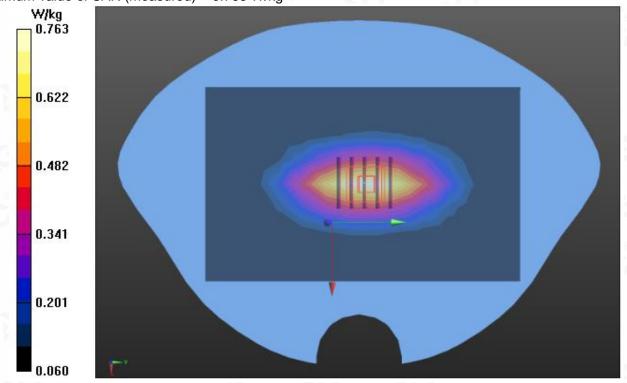
Configuration/System Check Head 750MHz/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.758 W/kg

#### Configuration/System Check Head 750MHz/Zoom Scan (5x5x7)/Cube

**0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 27.578 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.352 W/kg Maximum value of SAR (measured) = 0.763 W/kg





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Date: Sep. 16,2021

Test Laboratory: AGC Lab System Check Head 835 MHz

DUT: Dipole 835 MHz Type: SID 835

Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1;

Frequency: 835 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.91$  mho/m;  $\epsilon r = 41.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C):21.7, Liquid temperature ( $^{\circ}$ C): 21.5

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

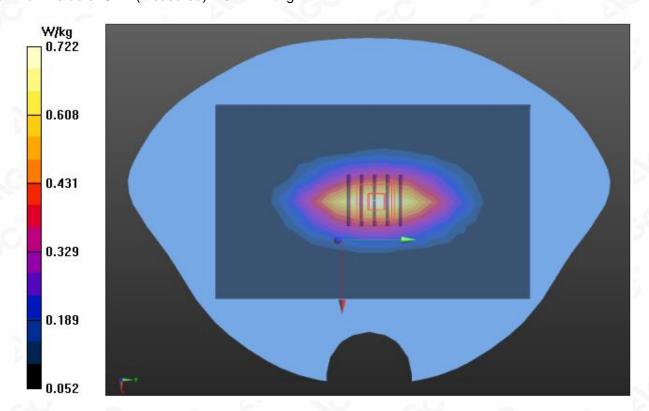
Configuration/System Check Head 835MHz/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.719 W/kg

Configuration/System Check Head 835MHzVZoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.356 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.394 W/kg Maximum value of SAR (measured) = 0.722 W/kg





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Date: Sep. 17,2021

Test Laboratory: AGC Lab System Check Head 835 MHz

DUT: Dipole 835 MHz Type: SID 835

Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1;

Frequency: 835 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.89$  mho/m;  $\epsilon r = 41.17$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.7

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

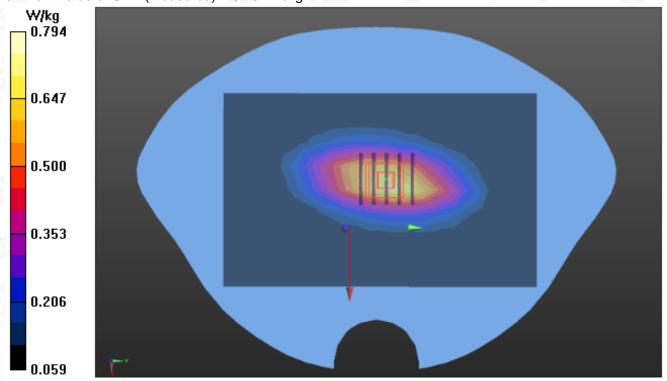
Configuration/System Check Head 835MHz/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.721 W/kg

# Configuration/System Check Head 835MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.747 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.401 W/kg Maximum value of SAR (measured) = 0.794 W/kg





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Date: Sep. 19,2021

Test Laboratory: AGC Lab System Check Head 1750MHz

DUT: Dipole 1800 MHz; Type: SID 1800

Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle: 1:1;

Frequency: 1750 MHz; Medium parameters used: f = 1750 MHz;  $\sigma = 1.39$  mho/m;  $\epsilon r = 39.72$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 20.8

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check Head 1750 MHz/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

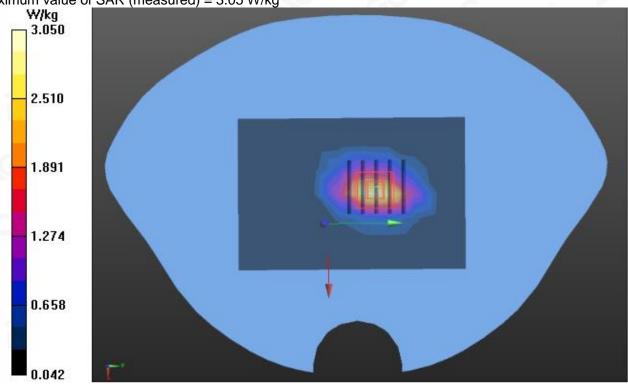
Maximum value of SAR (measured) = 2.98 W/kg

Configuration/System Check Head 1750 MHz /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.267 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.52 W/kg

**SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.26 W/kg** Maximum value of SAR (measured) = 3.05 W/kg





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Date: Sep. 20,2021

**Test Laboratory: AGC Lab** System Check Head 1900MHz

DUT: Dipole 1900 MHz; Type: SID 1900

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1;

Frequency: 1900 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.38$  mho/m;  $\epsilon r = 39.51$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ ):21.8, Liquid temperature ( $^{\circ}$ ): 21.5

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

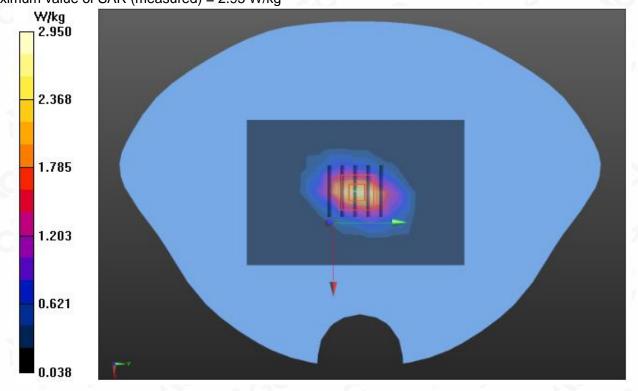
Configuration/System Check Head 1900MHz/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 2.86 W/kg

Configuration/System Check Head 1900MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.432 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.29 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.22 W/kgMaximum value of SAR (measured) = 2.95 W/kg





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Date: Sep. 22,2021

Test Laboratory: AGC Lab System Check Head 1900MHz

DUT: Dipole 1900 MHz; Type: SID 1900

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1;

Frequency: 1900 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.42$  mho/m;  $\epsilon r = 40.32$ ;;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C): 21.6, Liquid temperature ( $^{\circ}$ C): 21.4

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check Head 1900MHz/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 3.03 W/kg

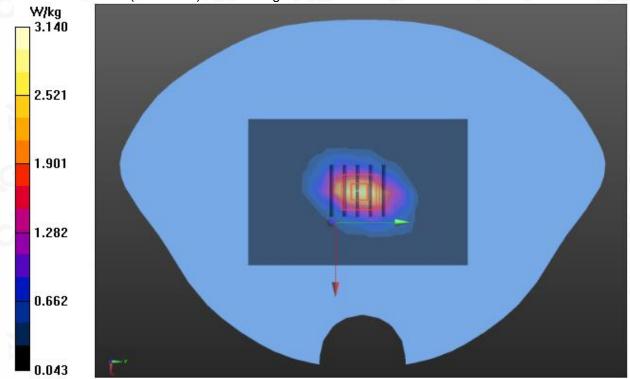
Configuration/System Check Head 1900MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 48.918 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.75 W/kg

SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.33 W/kg Maximum value of SAR (measured) = 3.14 W/kg





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Date: Sep. 23,2021

Test Laboratory: AGC Lab System Check Head 2450 MHz

DUT: Dipole 2450 MHz Type: SID 2450

Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1;

Frequency: 2450 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.82$  mho/m;  $\epsilon r = 38.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C): 21.7, Liquid temperature ( $^{\circ}$ C): 21.5

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(7.60, 7.60, 7.60); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

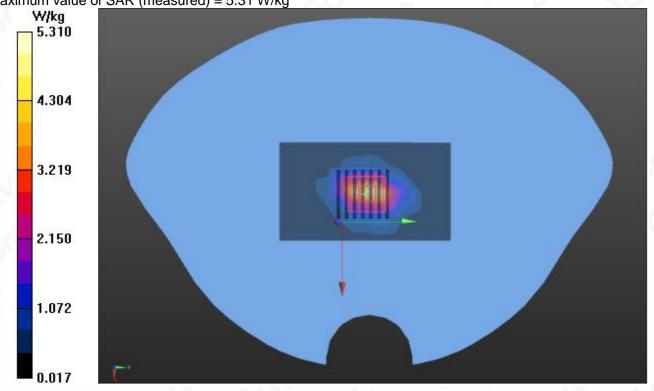
Configuration/System Check Head 2450Hz/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) =5.25 W/kg

Configuration/System Check Head 2450Hz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.081 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 7.39 W/kg

**SAR(1 g) = 3.46 W/kg; SAR(10 g) = 1.57 W/kg** Maximum value of SAR (measured) = 5.31 W/kg





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Date: Sep. 24,2021

Test Laboratory: AGC Lab System Check Head 2600 MHz

DUT: Dipole 2600 MHz; Type: SID 2600

Communication System: CW; Communication System Band: D2600 (2600.0 MHz); Duty Cycle: 1:1;

Frequency: 2600 MHz; Medium parameters used: f = 2600 MHz;  $\sigma = 1.94$  mho/m;  $\epsilon r = 39.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C): 21.5, Liquid temperature ( $^{\circ}$ C): 21.3

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(7.42, 7.42, 7.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

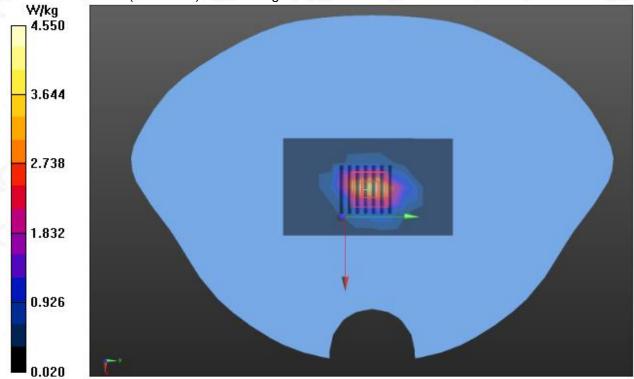
Configuration/System Check Head 2600Hz/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 4.71 W/kg

Configuration/System Check Head 2600Hz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.558 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 6.12 W/kg

SAR(1 g) = 3.51 W/kg; SAR(10 g) = 1.58 W/kg Maximum value of SAR (measured) = 4.55 W/kg





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Date: Sep. 11,2021

Test Laboratory: AGC Lab System Check Head 5200 MHz

DUT: Dipole 5000MHz Type: SWG5500

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;

Frequency: 5200 MHz; Medium parameters used: f = 5250 MHz;  $\sigma = 4.56$ mho/m;  $\epsilon r = 35.64$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section; Input Power=15dBm

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.6

#### **DASY Configuration:**

- Probe: EX3DV4 SN3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

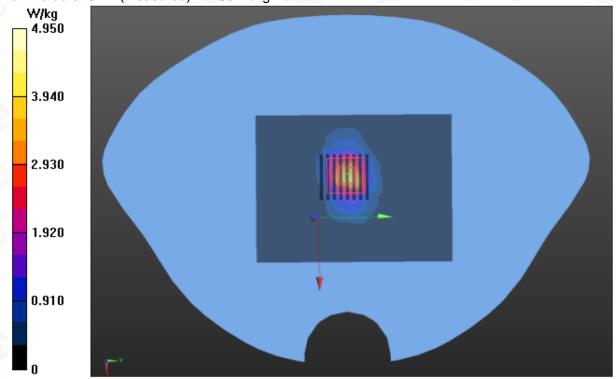
Configuration/System Check 5200MHz Head/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 4.85 W/kg

Configuration/System Check 5200MHz Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.064 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 31.9 W/kg

SAR(1 g) = 5.21 W/kg; SAR(10 g) = 1.68 W/kg Maximum value of SAR (measured) = 4.95 W/kg





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Date: Sep. 12,2021

Test Laboratory: AGC Lab System Check Head 5200 MHz

DUT: Dipole 5000MHz Type: SWG5500

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;

Frequency: 5200 MHz; Medium parameters used: f = 5250 MHz;  $\sigma = 4.71$ mho/m;  $\epsilon r = 35.27$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=15dBm

Ambient temperature ( $^{\circ}$ C): 22.2, Liquid temperature ( $^{\circ}$ C): 21.9

# **DASY Configuration:**

- Probe: EX3DV4 SN3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: Apr. 23,2020
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

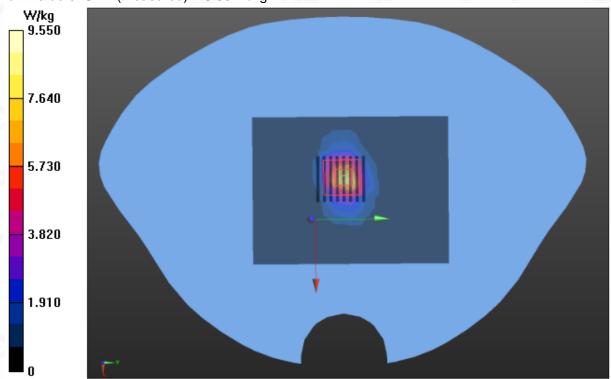
Configuration/System Check 5200MHz Head/Area Scan (10x13x1):Measurement grid:dx=10mm, dy=10mm Maximum value of SAR (measured) = 9.57 W/kg

Configuration/System Check 5200MHz Head/Zoom Scan (8x8x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 49.278 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 20.1 W/kg

SAR(1 g) = 5.15 W/kg; SAR(10 g) = 1.74 W/kg Maximum value of SAR (measured) = 9.55 W/kg





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Date: Sep. 13,2021

Test Laboratory: AGC Lab System Check Head 5800 MHz

DUT: Dipole 5000MHz Type: SWG5500

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;

Frequency: 5800 MHz; Medium parameters used: f = 5750 MHz;  $\sigma = 5.17$  mho/m;  $\epsilon r = 34.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=15dBm

Ambient temperature ( $^{\circ}$ C): 21.6, Liquid temperature ( $^{\circ}$ C): 21.3

# **DASY Configuration:**

- Probe: EX3DV4 SN3953; ConvF(4.96, 4.96, 4.96); Calibrated: Aug. 27,2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check 5800MHz Head/Area Scan (10x13x1): Measurement grid:dx=10mm, dy=10mm Maximum value of SAR (measured) = 11.34 W/kg

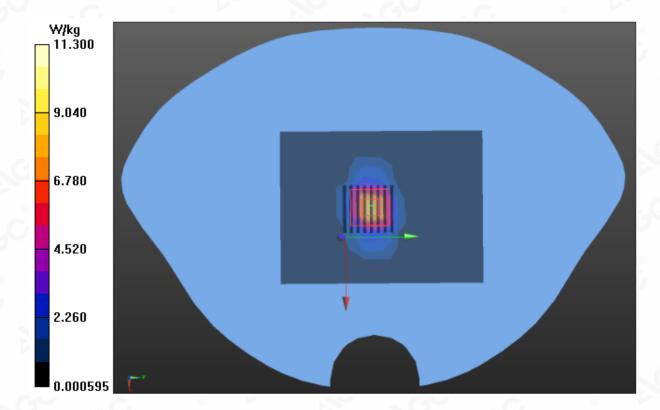
Configuration/System Check 5800MHz Head/Zoom Scan (8x8x13)/Cube 0: Measurement grid: dx=4mm,

dy=4mm, dz=2mm

Reference Value = 37.667 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 5.83 W/kg; SAR(10 g) = 1.82 W/kg Maximum value of SAR (measured) = 11.3 W/kg





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# APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab Date: Sep. 16,2021

GSM 850 Mid- Body- Front(MS)<SIM 1> DUT: POS terminal; Type: P3

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.93$  mho/m;  $\epsilon = 40.68$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ):21.7, Liquid temperature ( $^{\circ}$ ): 21.5

#### **DASY Configuration:**

• Probe: EX3DV4 - SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

Electronics: DAE4 SN1398; Calibrated: May 17,2021

• Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QDOVA002AA;

DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/FRONT/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

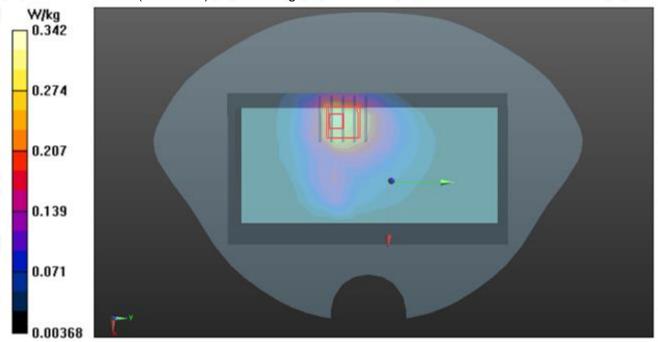
Maximum value of SAR (measured) = 0.328 W/kg

BODY/FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.257 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.187 W/kg Maximum value of SAR (measured) = 0.342 W/kg





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Date: Sep. 16,2021

**Test Laboratory: AGC Lab** 

GPRS 850 Mid- Body- Front (2up) < SIM 1>

DUT: POS terminal; Type: P3

Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2;

Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.93$  mho/m;  $\epsilon r = 40.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):21.7, Liquid temperature ( $^{\circ}$ C): 21.5

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QDOVA002AA;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

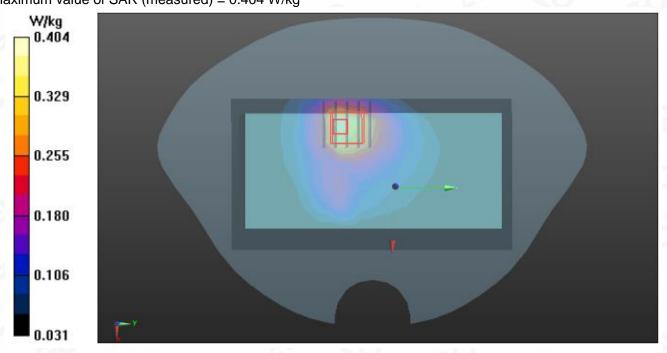
**BODY/2ST-FRONT/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.395 W/kg

BODY/2ST-FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

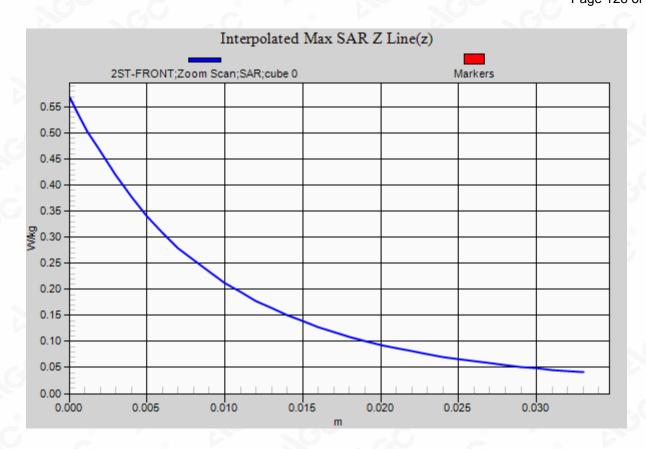
Reference Value = 12.694 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.219 W/kg Maximum value of SAR (measured) = 0.404 W/kg









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Date: Sep. 20,2021

**Test Laboratory: AGC Lab** 

PCS 1900 Mid-Body back 1(MS)<SIM 1>

DUT: POS terminal; Type: P3

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3;

Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.36$  mho/m;  $\epsilon r = 40.26$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):21.8, Liquid temperature ( $^{\circ}$ C): 21.5

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/BACK/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

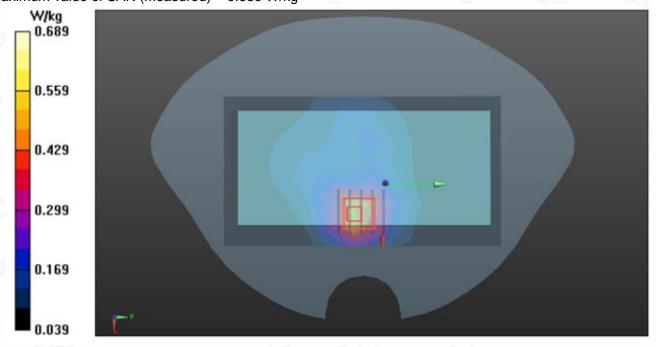
Maximum value of SAR (measured) = 0.647 W/kg

BODY/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.128 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.365 W/kg Maximum value of SAR (measured) = 0.689 W/kg





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Date: Sep. 20,2021

**Test Laboratory: AGC Lab** 

GPRS 1900 Mid-Body back 1 (3up) < SIM 1>

DUT: POS terminal; Type: P3

Communication System: GPRS-3 Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.7;

Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.36 \text{ mho/m}$ ;  $\epsilon r = 40.26$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):21.8, Liquid temperature ( $^{\circ}$ C): 21.5

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

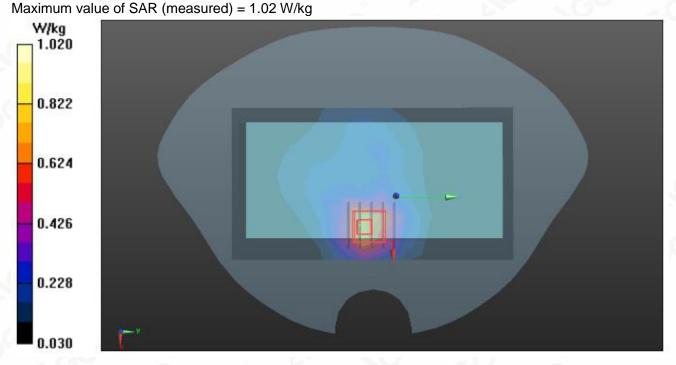
**BODY/3ST-BACK/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.810 W/kg

BODY/3ST-BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.397 V/m; Power Drift = -0.05 dB

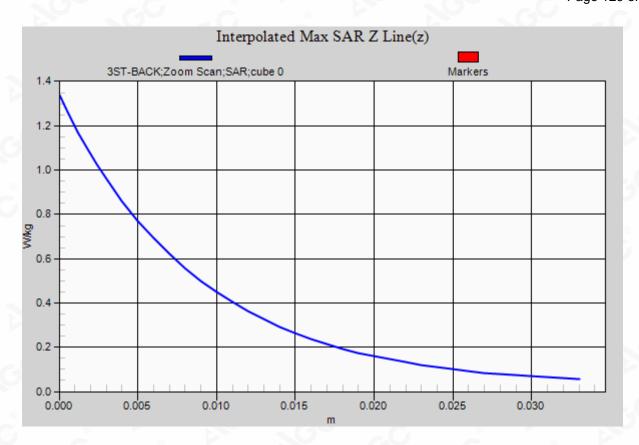
Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.406 W/kg











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Test Laboratory: AGC Lab

Date: Sep. 20,2021

WCDMA Band II High-Edge 2 DUT: POS terminal; Type: P3

Communication System: UMTS; Communication System Band: Band II UTRA/FDD; Duty Cycle:1:1;

Frequency: 1907.6 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.40$  mho/m;  $\epsilon r = 38.62$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):21.8, Liquid temperature ( $^{\circ}$ C): 21.5

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

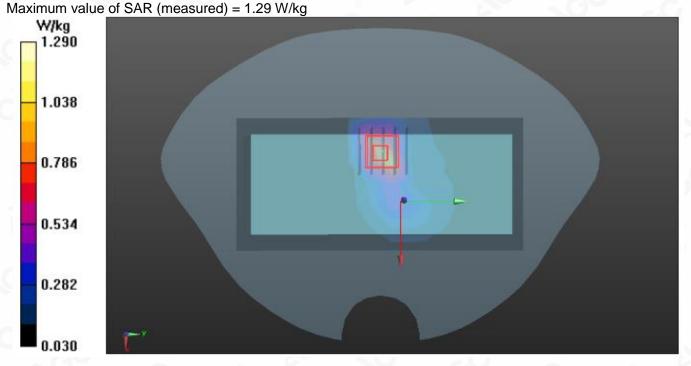
**BODY/EDGE2-H/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.958 W/kg

BODY/EDGE2-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.601 V/m; Power Drift = 0.14 dB

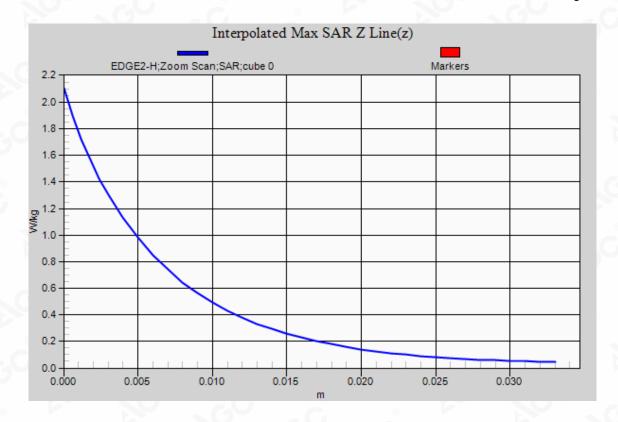
Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.465 W/kg











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Date: Sep. 19,2021

Test Laboratory: AGC Lab

WCDMA Band IV Mid- Edge 2(Right) DUT: POS terminal; Type: P3

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1:1;

Frequency: 1732.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.32 \text{ mho/m}$ ;  $\epsilon = 41.36$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 20.8

#### **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

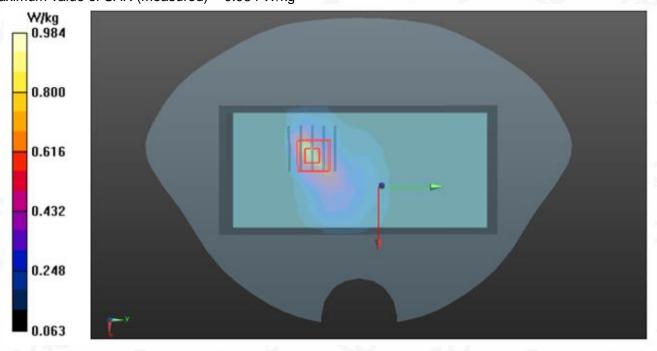
**BODY/EDGE2 EAR-Repeat1/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.968 W/kg

BODY/EDGE2 EAR-Repeat1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.874 V/m; Power Drift = -0.13 dB

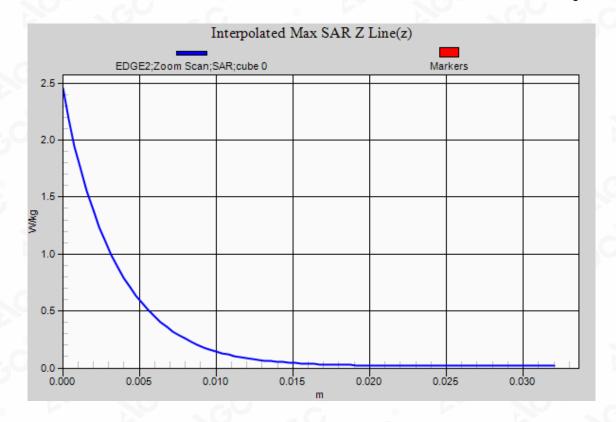
Peak SAR (extrapolated) = 2.55 W/kg SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.439 W/kg

Maximum value of SAR (measured) = 0.984 W/kg











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Date: Sep. 16,2021

Test Laboratory: AGC Lab

WCDMA Band V Mid-Body - Towards Phantom

DUT: POS terminal; Type: P3

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD;Duty Cycle:1:1; Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.93$  mho/m;  $\epsilon r = 40.68$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ):21.7, Liquid temperature ( $^{\circ}$ ): 21.5

# **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

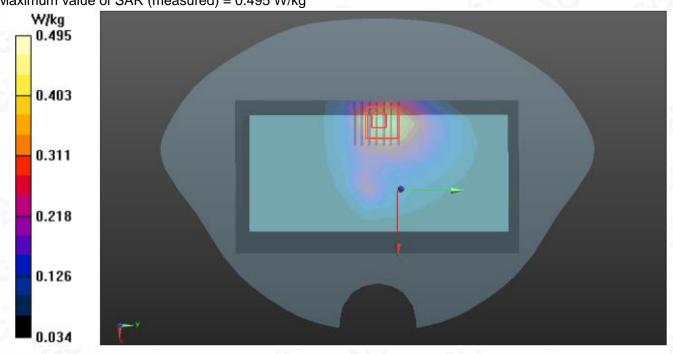
**BODY/FRONT/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.454 W/kg

BODY/FRONT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.073 V/m; Power Drift = -0.19 dB

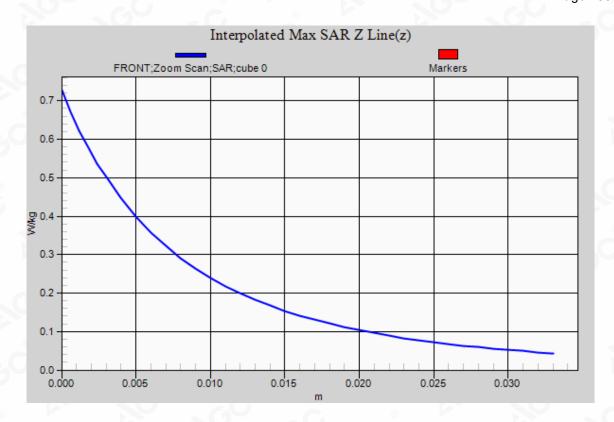
Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.254 W/kg Maximum value of SAR (measured) = 0.495 W/kg









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Date: Sep. 22,2021

Test Laboratory: AGC Lab

LTE Band 2 Low- Edge 2(Right) (1 RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle: 1:1;

Frequency: 1860 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.33$  mho/m;  $\epsilon r = 43.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.6, Liquid temperature ( $^{\circ}$ C): 21.4

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/EDGE2 LOW/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.13 W/kg

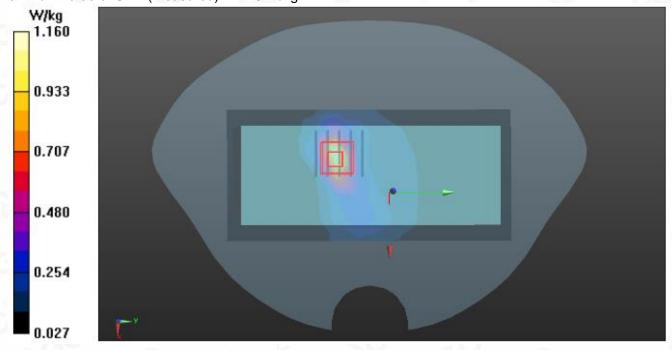
BODY/EDGE2 LOW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.956 V/m; Power Drift = -0.14 dB

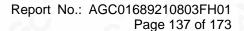
Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.427 W/kg

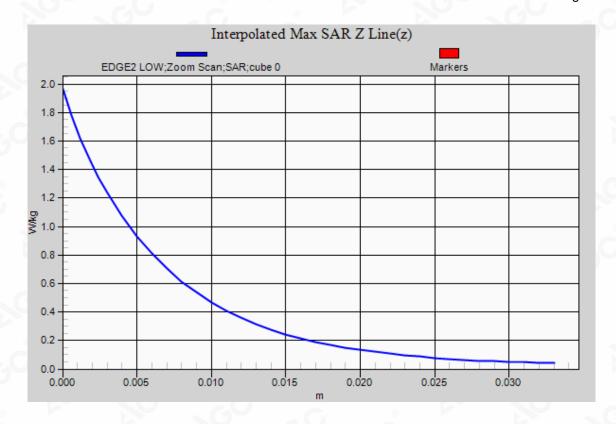
Maximum value of SAR (measured) = 1.16 W/kg



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Date: Sep. 19,2021

**Test Laboratory: AGC Lab** 

LTE Band 4 High- Edge 2(Right) (1 RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1;

Frequency:1745 MHz; Medium parameters used: f = 1750 MHz;  $\sigma = 1.36$  mho/m;  $\epsilon r = 40.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 20.8

### **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/EDGE2-H/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

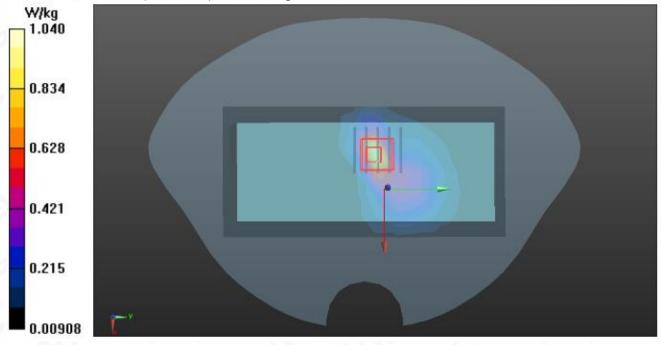
Maximum value of SAR (measured) = 0.999 W/kg

BODY/EDGE2-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.766 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.79 W/kg

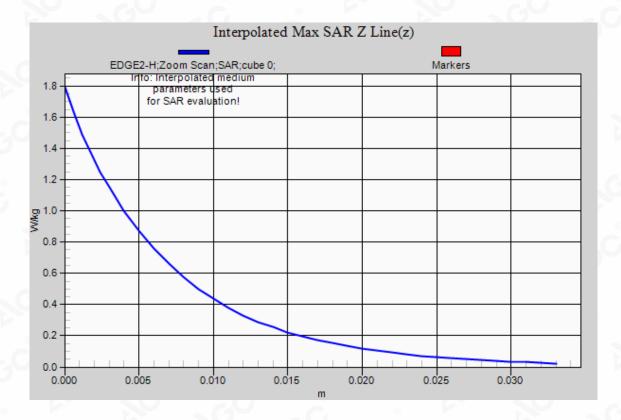
SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.381 W/kg Maximum value of SAR (measured) = 1.04 W/kg



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Date: Sep. 17,2021

**Test Laboratory: AGC Lab** 

LTE Band 5 Mid-Body- Front (1 RB#0) DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1;

Frequency:836.5 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.92$ mho/m;  $\epsilon r = 40.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.9, Liquid temperature ( $^{\circ}$ ): 21.7

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/FRONT/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.383 W/kg

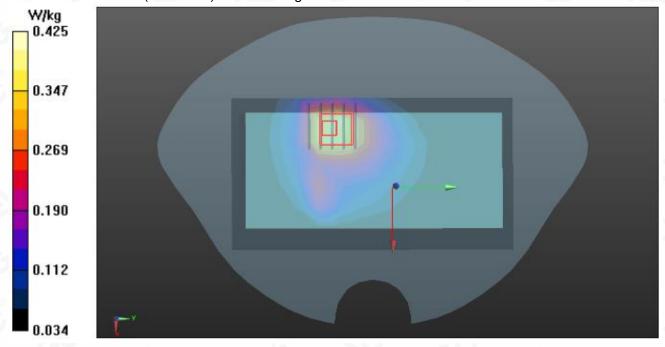
BODY/FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.979 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.608 W/kg

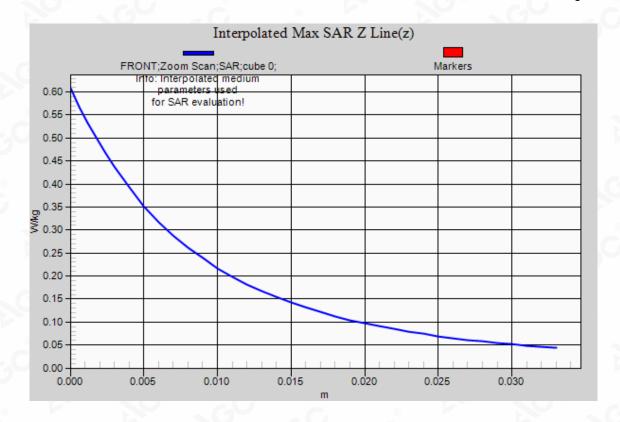
SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.425 W/kg



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Date: Sep. 24,2021

**Test Laboratory: AGC Lab** 

LTE Band 7 Mid- Edge 2(Right) (1RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1;

Frequency: 2535MHz; Medium parameters used: f =2600 MHz;  $\sigma$ =1.87 mho/m;  $\epsilon$ r =41.76;  $\rho$ = 1000 kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.5, Liquid temperature ( $^{\circ}$ ): 21.3

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(7.42, 7.42, 7.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/EDGE2/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.767 W/kg

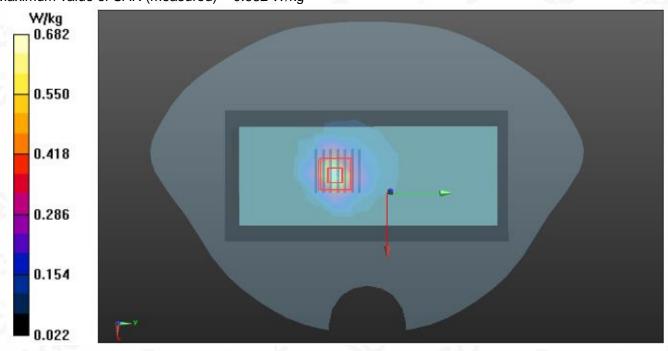
BODY/EDGE2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.301 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.264 W/kg

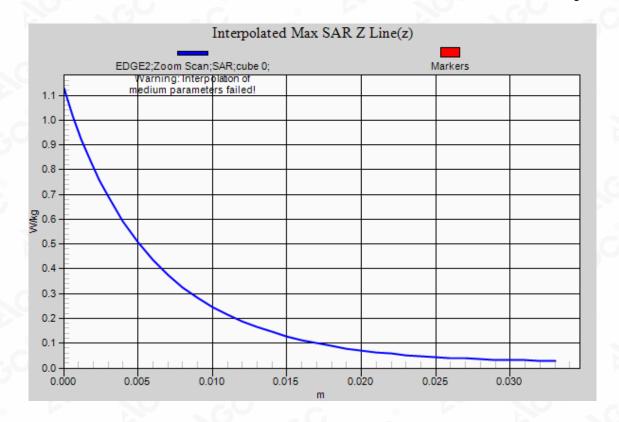
Maximum value of SAR (measured) = 0.682 W/kg



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Date: Sep. 18,2021

Test Laboratory: AGC Lab

LTE Band 12 Mid-Body- Front (1 RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1;

Frequency: 707.5 MHz; Medium parameters used: f = 750 MHz;  $\sigma = 0.85$  mho/m;  $\epsilon r = 44.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.1, Liquid temperature ( $^{\circ}$ ): 21.9

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

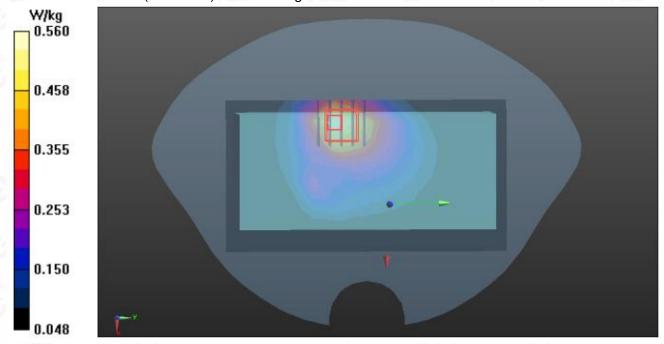
**BODY/FRONT/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.563 W/kg

BODY/FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.552 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.752 W/kg

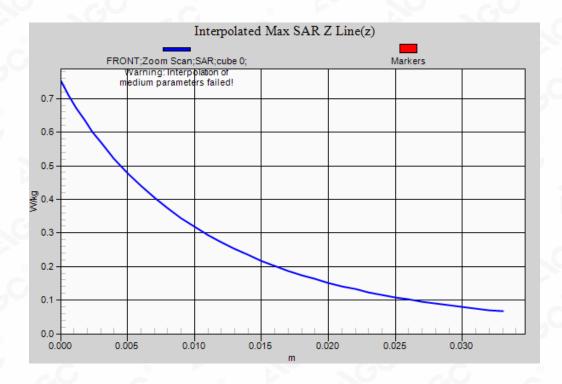
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.325 W/kg Maximum value of SAR (measured) = 0.560 W/kg



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Date: Sep. 18,2021

**Test Laboratory: AGC Lab** 

LTE Band 17 Mid-Body-Back 1 (1 RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1;

Frequency: 710 MHz; Medium parameters used: f = 750 MHz;  $\sigma = 0.88$  mho/m;  $\epsilon r = 43.06$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.1, Liquid temperature ( $^{\circ}$ ): 21.9

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/BACK/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

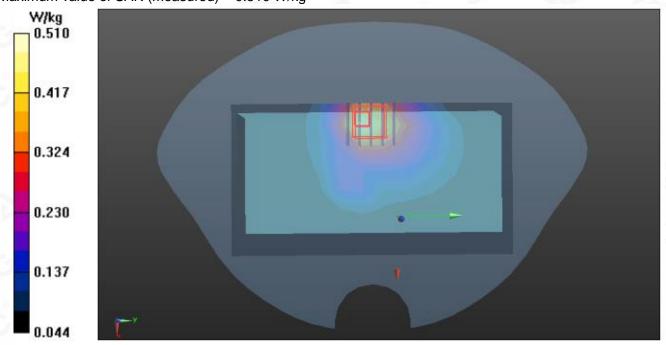
Maximum value of SAR (measured) = 0.498 W/kg

BODY/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.618 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.686 W/kg

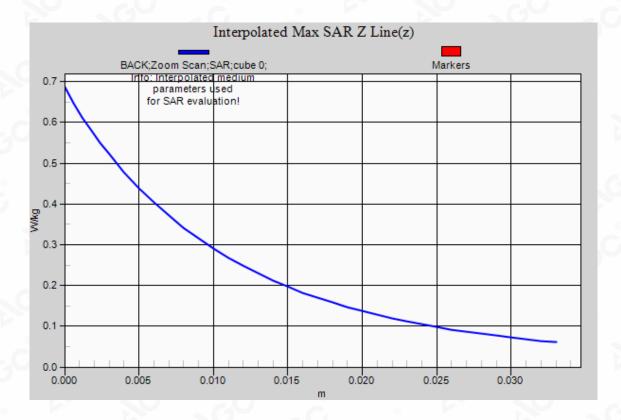
SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.293 W/kg Maximum value of SAR (measured) = 0.510 W/kg



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Date: Sep. 22,2021

**Test Laboratory: AGC Lab** 

LTE Band 25 Mid- Edge 2(Right) (1 RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 25; Duty Cycle: 1:1;

Frequency: 1882.5 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.40$  mho/m;  $\epsilon r = 41.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.6, Liquid temperature ( $^{\circ}$ C): 21.4

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**BODY/EDGE2/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.741 W/kg

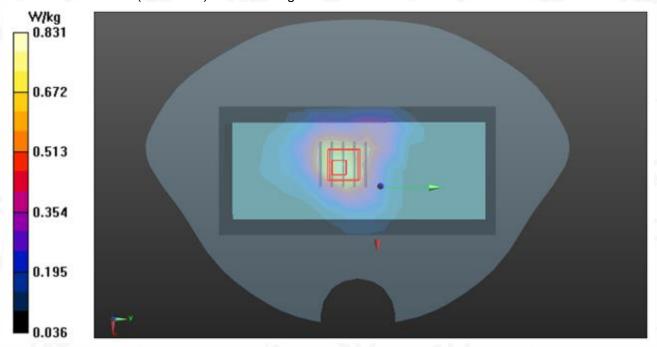
BODY/EDGE2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.914 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.405 W/kg

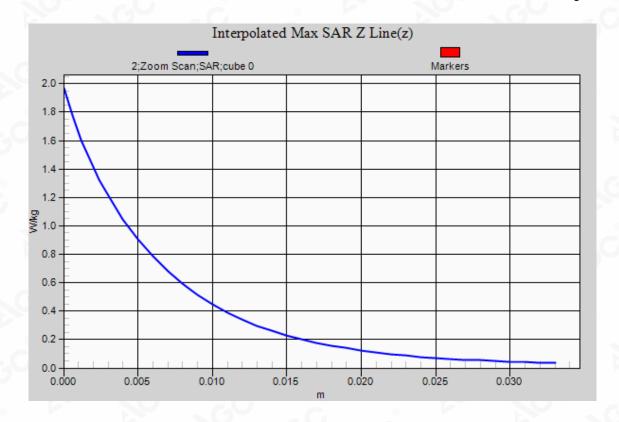
Maximum value of SAR (measured) = 0.831 W/kg



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Date: Sep. 17,2021

**Test Laboratory: AGC Lab** 

LTE Band 26B Mid-Body- Front (1 RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 26; Duty Cycle:1:1;

Frequency: 831.5 MHz; Medium parameters used: f = 835 MHz;  $\sigma = 0.85$  mho/m;  $\epsilon r = 42.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.9, Liquid temperature ( $^{\circ}$ ): 21.7

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/FRONT/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.423 W/kg

BODY/FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.210 V/m; Power Drift = 0.18 dB

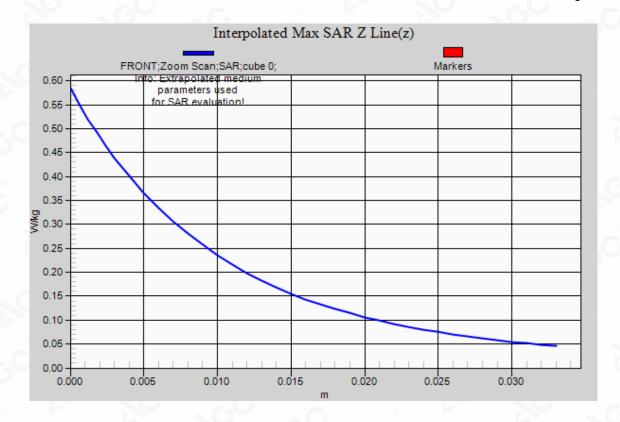
Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.243 W/kg Maximum value of SAR (measured) = 0.432 W/kg

0.432 0.353 0.274 0.194 0.115

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Date: Sep. 24,2021

**Test Laboratory: AGC Lab** 

LTE Band 38 Mid-Body-Back 1 (1RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 38; Duty Cycle:1:1.58;

Frequency: 2595MHz; Medium parameters used: f = 2600 MHz;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon r = 40.38$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.5, Liquid temperature ( $^{\circ}$ ): 21.3

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(7.42, 7.42, 7.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/BACK/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.372 W/kg

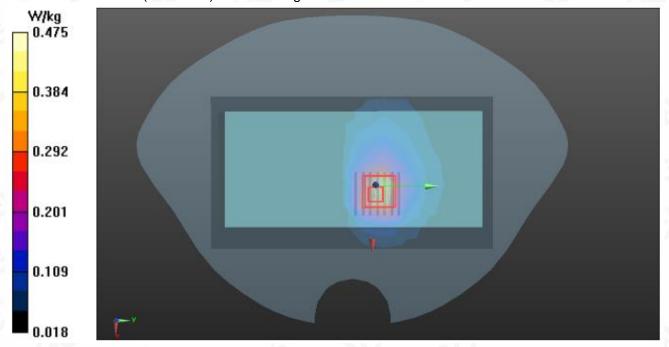
BODY/BACK/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.662 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.182 W/kg

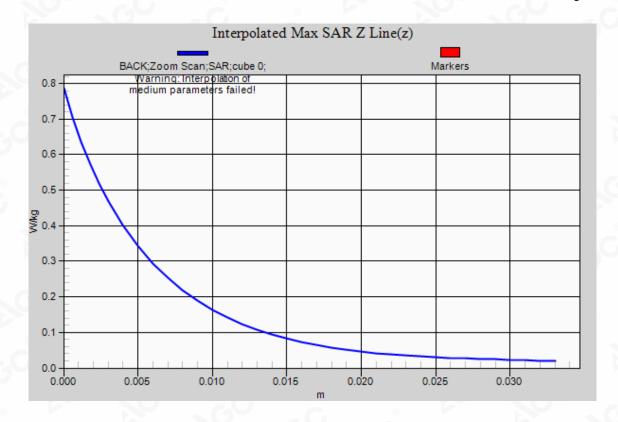
Maximum value of SAR (measured) = 0.475 W/kg



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Date: Sep. 24,2021

Test Laboratory: AGC Lab

LTE Band 41 Mid-Body-Back 1 (1RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58;

Frequency: 2593MHz; Medium parameters used: f = 2600 MHz;  $\sigma = 1.89 \text{ mho/m}$ ;  $\epsilon r = 41.68$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.5, Liquid temperature ( $^{\circ}$ ): 21.3

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(7.42, 7.42, 7.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/BACK/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

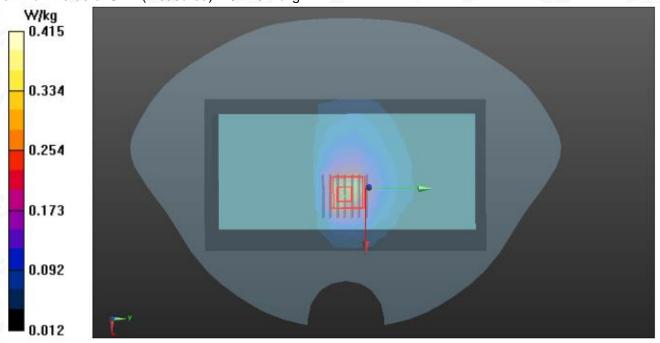
Maximum value of SAR (measured) = 0.312 W/kg

BODY/BACK/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.611 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.710 W/kg

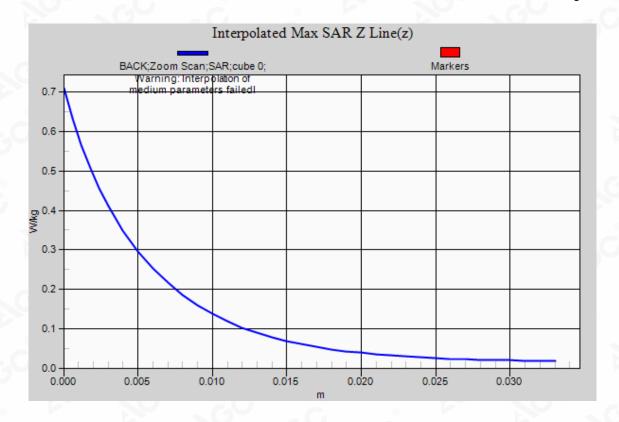
SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.159 W/kg Maximum value of SAR (measured) = 0.415 W/kg



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**WIFI MODE** 

Test Laboratory: AGC Lab Date: Sep. 23,2021

802.11b Mid- Edge 4 (DTS) DUT: POS terminal; Type: P3

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2437 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.80 \text{ mho/m}$ ;  $\epsilon r = 39.68$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.7, Liquid temperature ( $^{\circ}$ C): 21.5

### **DASY Configuration:**

• Probe: EX3DV4 – SN:3953; ConvF(7.60, 7.60, 7.60); Calibrated: Aug. 27,2021;

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 SN1398; Calibrated: May 17,2021

• Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

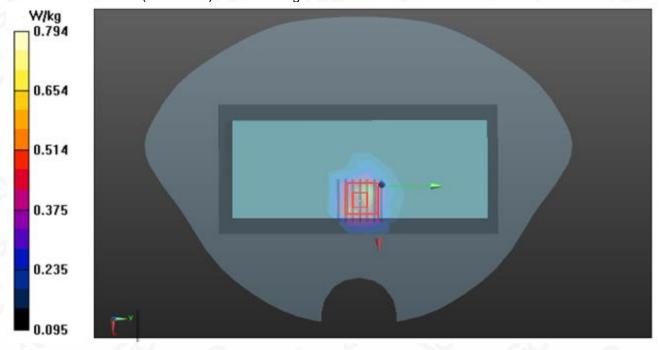
**BODY/EDGE4/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.781 W/kg

BODY/EDGE4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.358 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.979 W/kg

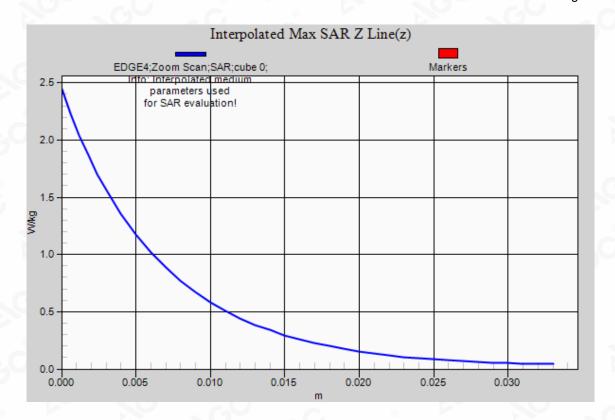
SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.488 W/kg Maximum value of SAR (measured) = 0.794 W/kg



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Test Laboratory: AGC Lab Date: Sep. 11,2021

5.2GHz -802.11a CH40- Edge 4(Left) DUT: POS terminal; Type: P3

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1

Frequency: 5200 MHz; Medium parameters used: f = 5250MHz;  $\sigma = 4.56$  mho/m;  $\epsilon r = 35.64$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.6

#### **DASY Configuration:**

Probe: EX3DV4 – SN3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021

• Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 SN1398; Calibrated: May 17,2021

• Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**BODY/EDGE4/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 1.01 W/kg

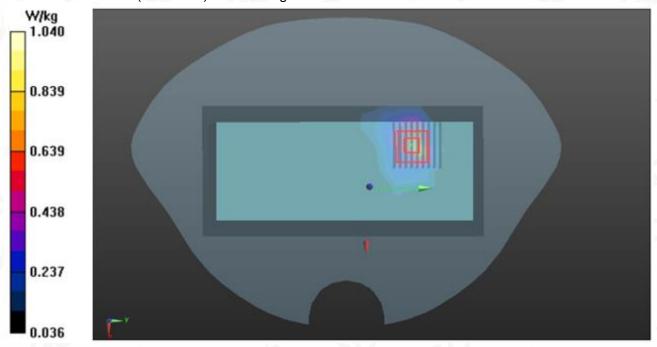
BODY/EDGE4/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 22.488 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.326 W/kg

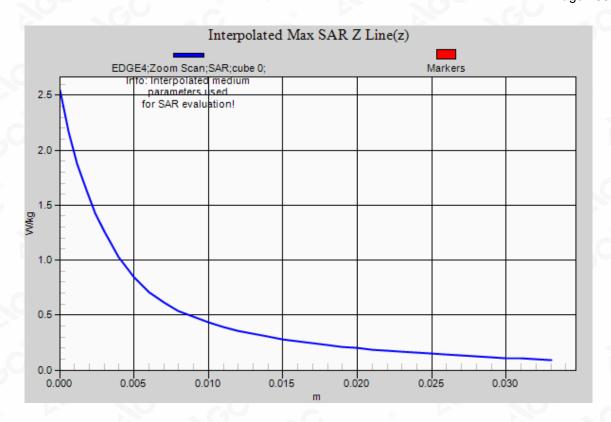
Maximum value of SAR (measured) = 1.04 W/kg



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Test Laboratory: AGC Lab Date: Sep. 12,2021

5.3GHz -802.11a CH60- Edge 4(Left) DUT: POS terminal; Type: P3

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1

Frequency: 5300 MHz; Medium parameters used: f = 5250MHz;  $\sigma = 4.71$  mho/m;  $\epsilon r = 35.27$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 22.2, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

- Probe: EX3DV4 SN3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: Apr. 23,2020
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/EDGE4/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

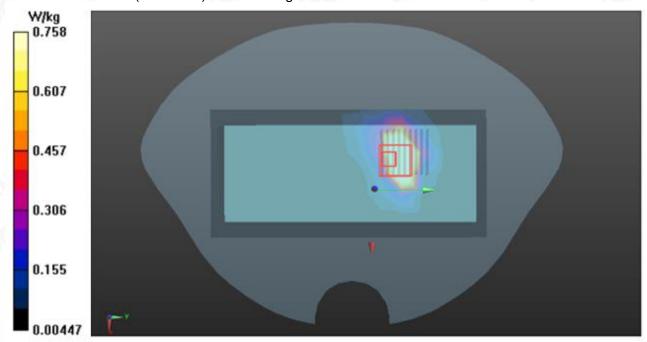
Maximum value of SAR (measured) = 0.751 W/kg

BODY/EDGE4/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.151 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.025 W/kg

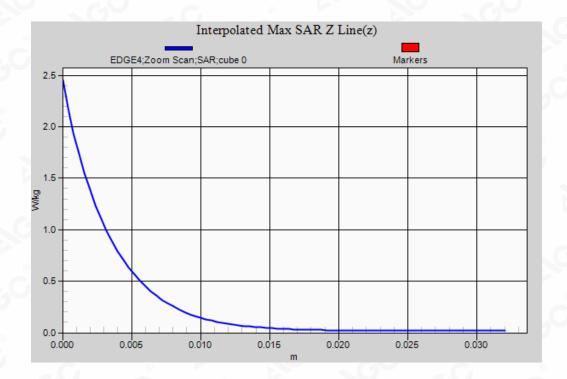
SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.231 W/kg Maximum value of SAR (measured) = 0.758 W/kg



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Date: Sep. 13,2021

Test Laboratory: AGC Lab

5.8GHz -802.11a CH157- Edge 4(Left) DUT: POS terminal; Type: P3

Communication System: Wi-Fi; Communication System Band: 802.11n-HT20; Duty Cycle: 1:1

Frequency: 5785 MHz; Medium parameters used: f = 5750 MHz;  $\sigma = 5.15$  mho/m;  $\epsilon r = 35.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.6, Liquid temperature ( $^{\circ}$ ): 21.3

## **DASY Configuration:**

- Probe: EX3DV4 SN3953; ConvF(4.96, 4.96, 4.96); Calibrated: Aug. 27,2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**BODY/EDGE4/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 1.15 W/kg

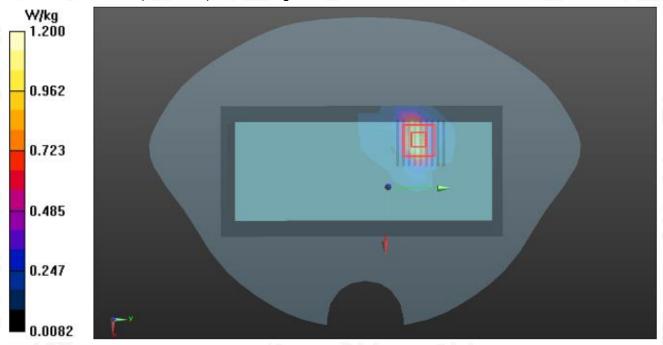
BODY/EDGE4/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.270 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.29 W/kg

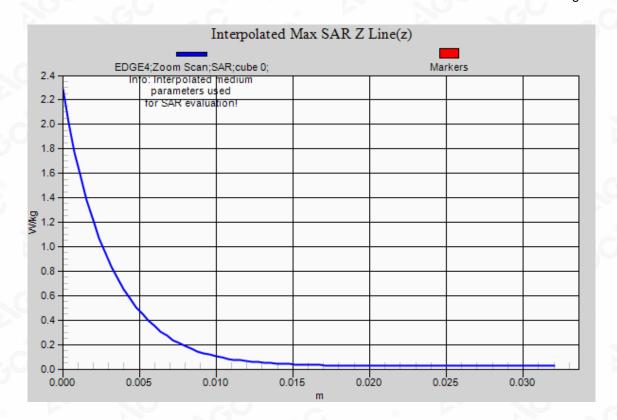
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.231 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



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Repeated SAR

Test Laboratory: AGC Lab Date: Sep. 20,2021

WCDMA Band II High-Edge 2 DUT: POS terminal; Type: P3

Communication System: UMTS; Communication System Band: Band II UTRA/FDD; Duty Cycle:1:1;

Frequency: 1907.6 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.40$  mho/m;  $\epsilon r = 38.62$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature (°C):21.8, Liquid temperature (°C): 21.5

#### **DASY Configuration:**

• Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 SN1398; Calibrated: May 17,2021

• Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

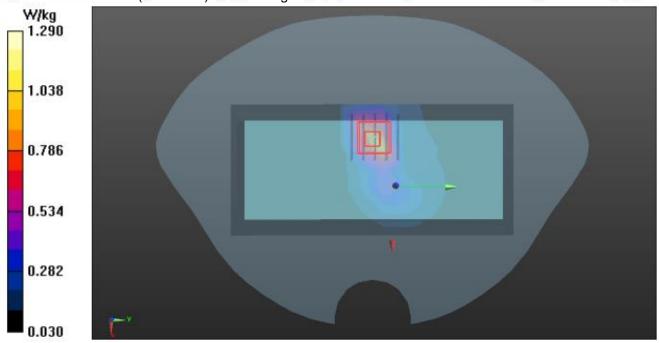
**BODY/EDGE2-H Repeat/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.959 W/kg

BODY/EDGE2-H Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.725 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.464 W/kg Maximum value of SAR (measured) = 1.29 W/kg



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Date: Sep. 22,2021

Test Laboratory: AGC Lab

LTE Band 2 Low- Edge 2(Right) (1 RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle: 1:1;

Frequency: 1860 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.33$  mho/m;  $\epsilon r = 43.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.6, Liquid temperature ( $^{\circ}$ C): 21.4

## **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/EDGE2 LOW Repeat/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.987 W/kg

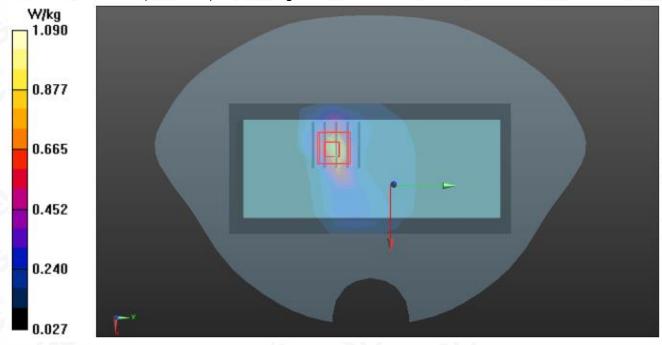
BODY/EDGE2 LOW Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.741 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.408 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



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Date: Sep. 19,2021

Test Laboratory: AGC Lab

LTE Band 4 High- Edge 2(Right) (1 RB#0)

DUT: POS terminal; Type: P3

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1;

Frequency:1745 MHz; Medium parameters used: f = 1750 MHz;  $\sigma = 1.36$  mho/m;  $\epsilon r = 40.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.0, Liquid temperature ( $^{\circ}$ C): 20.8

### **DASY Configuration:**

- Probe: EX3DV4 SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/EDGE2-H-REPEATED/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

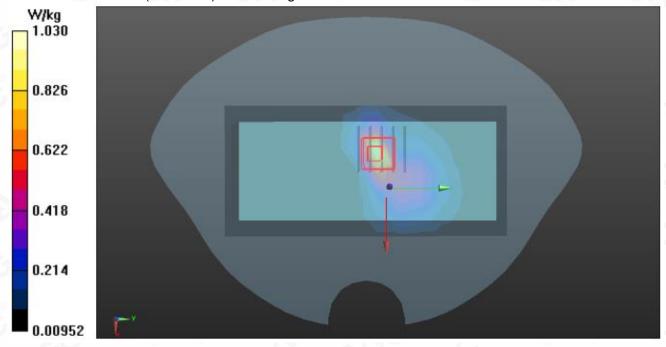
Maximum value of SAR (measured) = 0.999 W/kg

BODY/EDGE2-H-REPEATED/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.752 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.379 W/kg Maximum value of SAR (measured) = 1.03 W/kg



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# **APPENDIX C. TEST SETUP PHOTOGRAPHS**

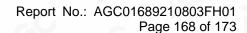
Body Back 1 (0mm)



Body Back 2 (0mm)



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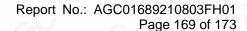
Body Front 0mm



Edge 1(Top) 0mm

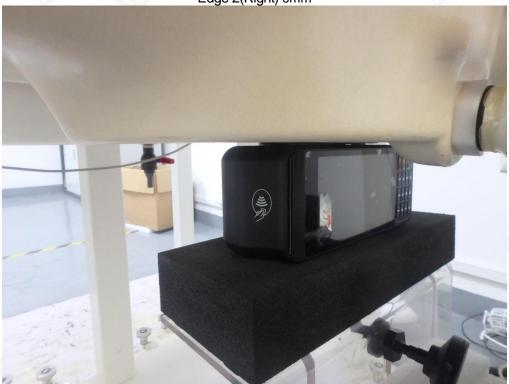


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Edge 2(Right) 0mm



Edge 3(Bottom) 0mm



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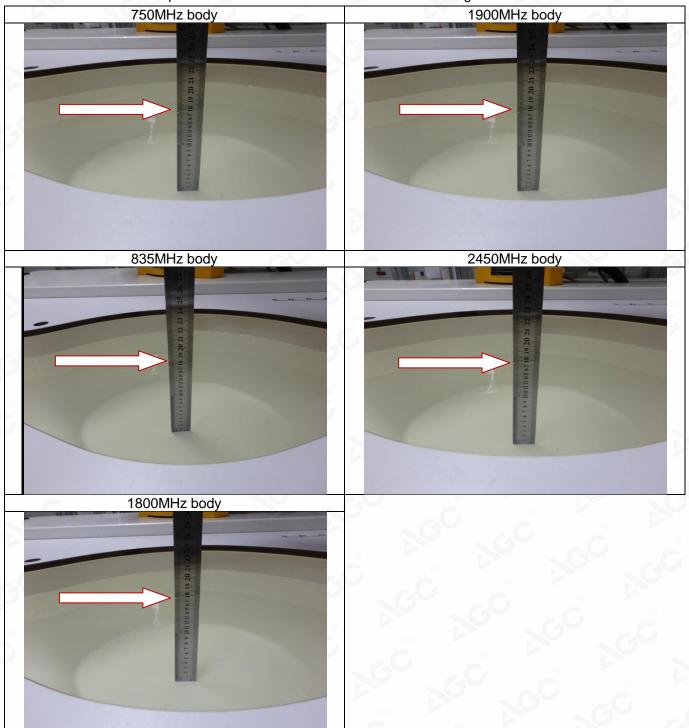
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## DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

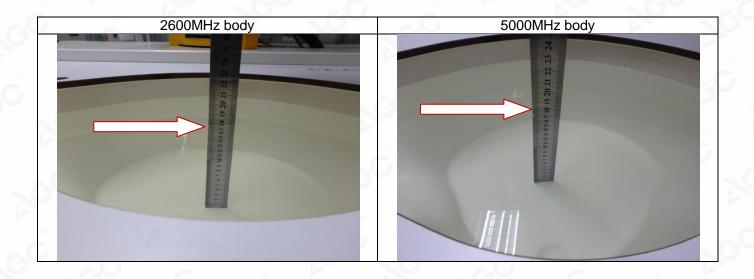
Note: The position used in the measurement were according to IEEE 1528-2013



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# **APPENDIX D. CALIBRATION DATA**

Refer to Attached files.

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- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
- 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

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