



FCC SAR Test Report

Report No. : FA510740

No.11 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	132	99.2	51.2	2.04	0.06	Not required
Ant 6		0.910	1.629	0mm	20.2	83.4	94.3				
WLAN 5G Ant6		0.398		0mm							
WLAN 5G Ant10		0.130		0mm							
BT Ant 3		0.191		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	132	99.2	48.0	2.04	0.06	Not required
Ant 6		0.910	1.629	0mm							
WLAN 5G Ant6		0.398		0mm	28.8	84.7	94.5				
WLAN 5G Ant10		0.130		0mm							
BT Ant 3		0.191		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	132	99.2	31.8	2.04	0.09	Not required
Ant 6		0.910	1.629	0mm							
WLAN 5G Ant6		0.398		0mm							
WLAN 5G Ant10		0.130		0mm	13.8	109.1	96				
BT Ant 3		0.191		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	132	99.2	50.3	2.04	0.06	Not required
Ant 6		0.910	1.629	0mm							
WLAN 5G Ant6		0.398		0mm							
WLAN 5G Ant10		0.130		0mm							
BT Ant 3		0.191		0mm	19.8	84.6	93.1				
No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	132	99.2	50.1	2.05	0.06	Not required
Ant 7		0.925	1.644	0mm	38.8	82.3	94				
WLAN 5G Ant6		0.398		0mm							
WLAN 5G Ant10		0.130		0mm							
BT Ant 3		0.191		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	132	99.2	48.0	2.05	0.06	Not required
Ant 7		0.925	1.644	0mm							
WLAN 5G Ant6		0.398		0mm	28.8	84.7	94.5				
WLAN 5G Ant10		0.130		0mm							
BT Ant 3		0.191		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	132	99.2	31.8	2.05	0.09	Not required
Ant 7		0.925	1.644	0mm							
WLAN 5G Ant6		0.398		0mm							
WLAN 5G Ant10		0.130		0mm	13.8	109.1	96				
BT Ant 3		0.191		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	132	99.2	50.3	2.05	0.06	Not required
Ant 7		0.925	1.644	0mm							
WLAN 5G Ant6		0.398		0mm							
WLAN 5G Ant10		0.130		0mm							
BT Ant 3		0.191		0mm	19.8	84.6	93.1				

No.13 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	62.0	1.69	0.04	Not required
Ant 1		0.647	1.237	0mm	65.3	72.5	88.4				
WLAN 5G Ant6		0.247		0mm							
WLAN 5G Ant10		0.219		0mm							
BT Ant 3		0.124		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	41.3	1.69	0.05	Not required
Ant 1		0.647	1.237	0mm							
WLAN 5G Ant6		0.247		0mm	31.3	82.2	94.2				
WLAN 5G Ant10		0.219		0mm							



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BT Ant 3		0.124		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	36.1	1.69	0.06	Not required
Ant 1		0.647	1.237	0mm							
WLAN 5G Ant6		0.247		0mm							
WLAN 5G Ant10		0.219		0mm	22.6	88.3	94.9				
BT Ant 3		0.124		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	42.0	1.69	0.05	Not required
Ant 1		0.647	1.237	0mm							
WLAN 5G Ant6		0.247		0mm							
WLAN 5G Ant10		0.219		0mm							
BT Ant 3		0.124		0mm	28.6	81.5	93.6				
No.14 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	48.1	1.87	0.05	Not required
Ant 6		0.825	1.415	0mm	23.9	75.9	93.6				
WLAN 5G Ant6		0.247		0mm							
WLAN 5G Ant10		0.219		0mm							
BT Ant 3		0.124		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	41.3	1.87	0.06	Not required
Ant 6		0.825	1.415	0mm							
WLAN 5G Ant6		0.247		0mm	31.3	82.2	94.2				
WLAN 5G Ant10		0.219		0mm							
BT Ant 3		0.124		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	36.1	1.87	0.07	Not required
Ant 6		0.825	1.415	0mm							
WLAN 5G Ant6		0.247		0mm							
WLAN 5G Ant10		0.219		0mm	22.6	88.3	94.9				
BT Ant 3		0.124		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	42.0	1.87	0.06	Not required
Ant 6		0.825	1.415	0mm							
WLAN 5G Ant6		0.247		0mm							
WLAN 5G Ant10		0.219		0mm							
BT Ant 3		0.124		0mm	28.6	81.5	93.6				
No.15 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	47.9	1.88	0.05	Not required
Ant 7		0.844	1.434	0mm	36.3	76	94.4				
WLAN 5G Ant6		0.247		0mm							
WLAN 5G Ant10		0.219		0mm							
BT Ant 3		0.124		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	41.3	1.88	0.06	Not required
Ant 7		0.844	1.434	0mm							
WLAN 5G Ant6		0.247		0mm	31.3	82.2	94.2				
WLAN 5G Ant10		0.219		0mm							
BT Ant 3		0.124		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	36.1	1.88	0.07	Not required
Ant 7		0.844	1.434	0mm							
WLAN 5G Ant6		0.247		0mm							
WLAN 5G Ant10		0.219		0mm	22.6	88.3	94.9				
BT Ant 3		0.124		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	123.5	93.5	42.0	1.88	0.06	Not required
Ant 7		0.844	1.434	0mm							
WLAN 5G Ant6		0.247		0mm							
WLAN 5G Ant10		0.219		0mm							
BT Ant 3		0.124		0mm	28.6	81.5	93.6				



<Hotspot>

No.1 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	142.3	2.02	0.02	Not required
Ant 1		0.495		5mm	83.5	53.5	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	2.02	0.02	Not required
Ant 1		0.495		5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	2.02	0.02	Not required
Ant 1		0.495		5mm							
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm	27.4	48.9	-10.8				
No.2 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	123.4	1.68	0.02	Not required
Ant 4		0.154		5mm	99.2	74	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	1.68	0.01	Not required
Ant 4		0.154		5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.68	0.01	Not required
Ant 4		0.154		5mm							
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm	27.4	48.9	-10.8				
No.3 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	138.3	1.71	0.02	Not required
Ant 5		0.189		5mm	15.4	72.9	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	1.71	0.01	Not required
Ant 5		0.189		5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.71	0.01	Not required
Ant 5		0.189		5mm							
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm	27.4	48.9	-10.8				
No.4 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	161.1	1.81	0.02	Not required
Ant 6		0.283		5mm	21.4	45.3	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	1.81	0.02	Not required
Ant 6		0.283		5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.81	0.02	Not required
Ant 6		0.283		5mm							
WLAN 2.4G		0.229	0.759	5mm							



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WLAN 5G		0.247		5mm	27.4	48.9	-10.8				
No.5 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	162.8	1.99	0.02	Not required
Ant 7		0.465	0.941	5mm	43.5	36.8	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	1.99	0.02	Not required
Ant 7		0.465	0.941	5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.99	0.02	Not required
Ant 7		0.465	0.941	5mm							
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm	27.4	48.9	-10.8				
No.6 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	164.8	1.95	0.02	Not required
Ant 1		0.495	0.971	5mm	83.5	53.5	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	154.9	1.95	0.02	Not required
Ant 1		0.495	0.971	5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	160.1	1.95	0.02	Not required
Ant 1		0.495	0.971	5mm							
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm	27.4	48.9	-10.8				
No.7 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	152.2	1.61	0.01	Not required
Ant 4		0.154	0.630	5mm	99.2	74	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	154.9	1.61	0.01	Not required
Ant 4		0.154	0.630	5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	160.1	1.61	0.01	Not required
Ant 4		0.154	0.630	5mm							
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm	27.4	48.9	-10.8				
No.8 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	136.8	1.64	0.02	Not required
Ant 5		0.189	0.665	5mm	15.4	72.9	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	154.9	1.64	0.01	Not required
Ant 5		0.189	0.665	5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	160.1	1.64	0.01	Not required
Ant 5		0.189	0.665	5mm							
WLAN 2.4G		0.229		5mm							



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WLAN 5G		0.247		5mm	27.4	48.9	-10.8				
No.9 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	163.9	1.74	0.01	Not required
Ant 6		0.283	0.759	5mm	21.4	45.3	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	154.9	1.74	0.01	Not required
Ant 6		0.283	0.759	5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	160.1	1.74	0.01	Not required
Ant 6		0.283	0.759	5mm							
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm	27.4	48.9	-10.8				
No.10 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	172.8	1.92	0.02	Not required
Ant 7		0.465	0.941	5mm	43.5	36.8	-10.8				
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	154.9	1.92	0.02	Not required
Ant 7		0.465	0.941	5mm							
WLAN 2.4G		0.229		5mm	13	54.9	-10.8				
WLAN 5G		0.247		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	160.1	1.92	0.02	Not required
Ant 7		0.465	0.941	5mm							
WLAN 2.4G		0.229		5mm							
WLAN 5G		0.247		5mm	27.4	48.9	-10.8				

No.11 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	130.5	2.75	0.03	Not required
Ant 1		0.753	1.458	5mm	35.7	47.7	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.75	0.04	Not required
Ant 1		0.753	1.458	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.75	0.04	Not required
Ant 1		0.753	1.458	5mm							
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	109.3	2.34	0.03	Not required
Ant 4		0.346	1.051	5mm	25	69.3	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.34	0.03	Not required
Ant 4		0.346	1.051	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.34	0.03	Not required
Ant 4		0.346	1.051	5mm							



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WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.13 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.2	2.36	0.03	Not required
Ant 5		0.363	1.068	5mm	94.4	69.3	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.36	0.03	Not required
Ant 5		0.363	1.068	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.36	0.03	Not required
Ant 5		0.363	1.068	5mm							
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.14 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	145.1	2.64	0.03	Not required
Ant 6		0.641	1.346	5mm	95.6	46.5	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.64	0.03	Not required
Ant 6		0.641	1.346	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.64	0.04	Not required
Ant 6		0.641	1.346	5mm							
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.15 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	144.6	2.65	0.03	Not required
Ant 7		0.652	1.357	5mm	78.8	40.5	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.65	0.03	Not required
Ant 7		0.652	1.357	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.65	0.04	Not required
Ant 7		0.652	1.357	5mm							
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.16 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	117.7	2.63	0.04	Not required
Ant 10		0.634	1.339	5mm	69.3	65.7	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.63	0.03	Not required
Ant 10		0.634	1.339	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.63	0.04	Not required
Ant 10		0.634	1.339	5mm							



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WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.17 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	155.2	2.73	0.03	Not required
Ant 1		0.753	1.458	5mm	35.7	47.7	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.73	0.03	Not required
Ant 1		0.753	1.458	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.73	0.03	Not required
Ant 1		0.753	1.458	5mm							
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.18 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	139.1	2.32	0.03	Not required
Ant 4		0.346	1.051	5mm	25	69.3	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.32	0.03	Not required
Ant 4		0.346	1.051	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.32	0.03	Not required
Ant 4		0.346	1.051	5mm							
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.19 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	126.0	2.34	0.03	Not required
Ant 5		0.363	1.068	5mm	94.4	69.3	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.34	0.03	Not required
Ant 5		0.363	1.068	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.34	0.03	Not required
Ant 5		0.363	1.068	5mm							
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.20 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	148.8	2.62	0.03	Not required
Ant 6		0.641	1.346	5mm	95.6	46.5	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.62	0.03	Not required
Ant 6		0.641	1.346	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.62	0.03	Not required
Ant 6		0.641	1.346	5mm							



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WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.21 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	154.5	2.63	0.03	Not required
Ant 7		0.652	1.357	5mm	78.8	40.5	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.63	0.03	Not required
Ant 7		0.652	1.357	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.63	0.03	Not required
Ant 7		0.652	1.357	5mm							
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				
No.22 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	130.1	2.61	0.03	Not required
Ant 10		0.634	1.339	5mm	69.3	65.7	-10.8				
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.61	0.03	Not required
Ant 10		0.634	1.339	5mm							
WLAN 2.4G		0.613		5mm	80	62.1	-10.8				
BT Ant 3		0.092		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.61	0.03	Not required
Ant 10		0.634	1.339	5mm							
WLAN 2.4G		0.613		5mm							
BT Ant 3		0.092		5mm	76	63.4	-10.8				

No.23 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Left Side	1.231	1.231	5mm	56.1	25.2	-10.8	136.8	1.90	0.02	Not required
Ant 4		0.627	0.668	5mm	69.3	161.4	-10.8				
WLAN 5G		0.041		5mm							
Ant 0	Left Side	1.231	1.231	5mm	56.1	25.2	-10.8	158.4	1.90	0.02	Not required
Ant 4		0.627	0.668	5mm							
WLAN 5G		0.041		5mm	53.7	183.6	-10.8				

No.24 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	110.7	1.84	0.02	Not required
Ant 4		0.165	0.753	5mm	63.4	40	-10.8				
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	80.4	1.84	0.03	Not required
Ant 4		0.165	0.753	5mm							
WLAN2.4GHz		0.293		5mm	34.6	75.2	-10.8				
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	1.84	0.02	Not required
Ant 4		0.165	0.753	5mm							
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm	46.5	51.3	-10.8				
No.25 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				



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Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	69.8	1.68	0.03	Not required
Ant 4		0.004	0.592	5mm	68.5	81.2	-10.8				
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	80.4	1.68	0.03	Not required
Ant 4		0.004	0.592	5mm							
WLAN2.4GHz		0.293		5mm	34.6	75.2	-10.8				
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	1.68	0.02	Not required
Ant 4		0.004	0.592	5mm							
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm	46.5	51.3	-10.8				
No.26 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	89.9	2.28	0.04	Not required
Ant 5		0.612	1.200	5mm	56.1	61	-10.8				
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	95.2	2.28	0.04	Not required
Ant 5		0.612	1.200	5mm							
WLAN2.4GHz		0.293		5mm	34.6	59.6	-10.8				
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	2.28	0.03	Not required
Ant 5		0.612	1.200	5mm							
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm	46.5	51.3	-10.8				
No.27 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	92.7	2.33	0.04	Not required
Ant 6		0.660	1.248	5mm	63.3	58	-10.8				
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	95.2	2.33	0.04	Not required
Ant 6		0.660	1.248	5mm							
WLAN2.4GHz		0.293		5mm	34.6	59.6	-10.8				
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	2.33	0.04	Not required
Ant 6		0.660	1.248	5mm							
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm	46.5	51.3	-10.8				
No.28 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	88.7	1.83	0.03	Not required
Ant 7		0.155	0.743	5mm	65.7	62.1	-10.8				
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	95.2	1.83	0.03	Not required
Ant 7		0.155	0.743	5mm							
WLAN2.4GHz		0.293		5mm	34.6	59.6	-10.8				
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	1.83	0.02	Not required
Ant 7		0.155	0.743	5mm							
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm	46.5	51.3	-10.8				
No.29 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				



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Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	75.5	1.72	0.03	Not required
Ant 10		0.049	0.637	5mm	62.4	75.2	-10.8				
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	95.2	1.72	0.02	Not required
Ant 10		0.049	0.637	5mm							
WLAN2.4GHz		0.293		5mm	34.6	59.6	-10.8				
WLAN5GHz		0.295		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	1.72	0.02	Not required
Ant 10		0.049	0.637	5mm							
WLAN2.4GHz		0.293		5mm							
WLAN5GHz		0.295		5mm	46.5	51.3	-10.8				

<Body-worn>

No.1 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	142.3	2.07	0.02	Not required
Ant 1		0.618	1.021	5mm	83.5	53.5	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	2.07	0.02	Not required
Ant 1		0.618	1.021	5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	2.07	0.02	Not required
Ant 1		0.618	1.021	5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				
No.2 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	123.4	1.85	0.02	Not required
Ant 4		0.395	0.798	5mm	99.2	74	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.85	0.02	Not required
Ant 4		0.395	0.798	5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	1.85	0.02	Not required
Ant 4		0.395	0.798	5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				
No.3 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	138.3	1.66	0.02	Not required
Ant 5		0.212	0.615	5mm	15.4	72.9	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.66	0.01	Not required
Ant 5		0.212	0.615	5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	1.66	0.01	Not required
Ant 5		0.212	0.615	5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				



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No.4 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	161.1	2.03	0.02	Not required
Ant 6		0.576		5mm	21.4	45.3	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	2.03	0.02	Not required
Ant 6		0.576		5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	2.03	0.02	Not required
Ant 6		0.576		5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				
No.5 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	162.8	2.34	0.02	Not required
Ant 7		0.885		5mm	43.5	36.8	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	2.34	0.02	Not required
Ant 7		0.885		5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	2.34	0.02	Not required
Ant 7		0.885		5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				
No.6 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	164.8	2.26	0.02	Not required
Ant 1		0.618		5mm	83.5	53.5	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	2.26	0.02	Not required
Ant 1		0.618		5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	2.26	0.02	Not required
Ant 1		0.618		5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				
No.7 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	152.2	2.03	0.02	Not required
Ant 4		0.395		5mm	99.2	74	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	2.03	0.02	Not required
Ant 4		0.395		5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	2.03	0.02	Not required
Ant 4		0.395		5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				



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No.8 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	136.8	1.85	0.02	Not required
Ant 5		0.212		5mm	15.4	72.9	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	1.85	0.02	Not required
Ant 5		0.212		5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	1.85	0.02	Not required
Ant 5		0.212		5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				
No.9 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	163.9	2.21	0.02	Not required
Ant 6		0.576		5mm	21.4	45.3	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	2.21	0.02	Not required
Ant 6		0.576		5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	2.21	0.02	Not required
Ant 6		0.576		5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				
No.10 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	172.8	2.52	0.02	Not required
Ant 7		0.885		5mm	43.5	36.8	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	2.52	0.03	Not required
Ant 7		0.885		5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	2.52	0.03	Not required
Ant 7		0.885		5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				
No.11 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	151.1	1.65	0.01	Not required
Ant 10		0.015		5mm	104.6	78.2	-10.8				
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	1.65	0.01	Not required
Ant 10		0.015		5mm							
WLAN 5G Ant 6+7		0.330		5mm	27.4	48.9	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	1.65	0.01	Not required
Ant 10		0.015		5mm							
WLAN 5G Ant 6+7		0.330		5mm							
BT Ant 3		0.073		5mm	15	53.6	-10.8				



No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.369	5mm	34.6	178.2	-10.8	130.5	2.66	0.03	Not required
Ant 1		0.889		5mm	35.7	47.7	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.369	5mm	34.6	178.2	-10.8	124.7	2.66	0.03	Not required
Ant 1		0.889		5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.369	5mm	34.6	178.2	-10.8	122.0	2.66	0.04	Not required
Ant 1		0.889		5mm							
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.13 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.365	5mm	34.6	178.2	-10.8	109.3	2.66	0.04	Not required
Ant 4		0.885		5mm	25	69.3	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.365	5mm	34.6	178.2	-10.8	124.7	2.66	0.03	Not required
Ant 4		0.885		5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.365	5mm	34.6	178.2	-10.8	122.0	2.66	0.04	Not required
Ant 4		0.885		5mm							
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.14 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	0.886	5mm	34.6	178.2	-10.8	124.2	2.18	0.03	Not required
Ant 5		0.406		5mm	94.4	69.3	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	0.886	5mm	34.6	178.2	-10.8	124.7	2.18	0.03	Not required
Ant 5		0.406		5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	0.886	5mm	34.6	178.2	-10.8	122.0	2.18	0.03	Not required
Ant 5		0.406		5mm							
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.15 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.367	5mm	34.6	178.2	-10.8	145.1	2.66	0.03	Not required
Ant 6		0.887		5mm	95.6	46.5	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.367	5mm	34.6	178.2	-10.8	124.7	2.66	0.03	Not required
Ant 6		0.887		5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.367	5mm	34.6	178.2	-10.8	122.0	2.66	0.04	Not required
Ant 6		0.887		5mm							
WLAN 2.4G		0.397		5mm							



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BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.16 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	144.6	2.65	0.03	Not required
Ant 7		0.879	1.359	5mm	78.8	40.5	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.65	0.03	Not required
Ant 7		0.879	1.359	5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.65	0.04	Not required
Ant 7		0.879	1.359	5mm							
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.17 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	117.7	2.72	0.04	Not required
Ant 10		0.952	1.432	5mm	69.3	65.7	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.72	0.04	Not required
Ant 10		0.952	1.432	5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.72	0.04	Not required
Ant 10		0.952	1.432	5mm							
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.18 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	155.2	2.66	0.03	Not required
Ant 1		0.889	1.369	5mm	35.7	47.7	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.66	0.03	Not required
Ant 1		0.889	1.369	5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.66	0.03	Not required
Ant 1		0.889	1.369	5mm							
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.19 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	139.1	2.66	0.03	Not required
Ant 4		0.885	1.365	5mm	25	69.3	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.66	0.03	Not required
Ant 4		0.885	1.365	5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.66	0.03	Not required
Ant 4		0.885	1.365	5mm							
WLAN 2.4G		0.397		5mm							



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BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.20 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	126.0	2.18	0.03	Not required
Ant 5		0.406	0.886	5mm	94.4	69.3	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.18	0.02	Not required
Ant 5		0.406	0.886	5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.18	0.02	Not required
Ant 5		0.406	0.886	5mm							
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.21 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	148.8	2.66	0.03	Not required
Ant 6		0.887	1.367	5mm	95.6	46.5	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.66	0.03	Not required
Ant 6		0.887	1.367	5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.66	0.03	Not required
Ant 6		0.887	1.367	5mm							
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.22 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	154.5	2.65	0.03	Not required
Ant 7		0.879	1.359	5mm	78.8	40.5	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.65	0.03	Not required
Ant 7		0.879	1.359	5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.65	0.03	Not required
Ant 7		0.879	1.359	5mm							
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm	76	63.4	-10.8				
No.23 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	130.1	2.73	0.03	Not required
Ant 10		0.952	1.432	5mm	69.3	65.7	-10.8				
WLAN 2.4G		0.397		5mm							
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.73	0.03	Not required
Ant 10		0.952	1.432	5mm							
WLAN 2.4G		0.397		5mm	80	62.1	-10.8				
BT Ant 3		0.083		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.73	0.03	Not required
Ant 10		0.952	1.432	5mm							
WLAN 2.4G		0.397		5mm							



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BT Ant 3		0.083		5mm	76	63.4	-10.8				
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<Sensor off>

No.1 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	0.791	1.275	15mm	77.21	197.86	-10.8	145.9	2.07	0.02	Not required
Ant 1		0.498		15mm	85.44	52.18	-10.8				
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	1.275	15mm	77.21	197.86	-10.8	156.7	2.07	0.02	Not required
Ant 1		0.498		15mm							
WLAN 2.4G		0.237		15mm	13	54.9	-10.8				
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	1.275	15mm	77.21	197.86	-10.8	157.1	2.07	0.02	Not required
Ant 1		0.498		15mm							
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm	27.4	48.9	-10.8				
No.2 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	0.791	1.160	15mm	77.21	197.86	-10.8	125.8	1.95	0.02	Not required
Ant 4		0.383		15mm	99.2	74	-10.8				
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	1.160	15mm	77.21	197.86	-10.8	156.7	1.95	0.02	Not required
Ant 4		0.383		15mm							
WLAN 2.4G		0.237		15mm	13	54.9	-10.8				
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	1.160	15mm	77.21	197.86	-10.8	157.1	1.95	0.02	Not required
Ant 4		0.383		15mm							
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm	27.4	48.9	-10.8				
No.3 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	0.791	0.935	15mm	77.21	197.86	-10.8	162.4	1.73	0.01	Not required
Ant 6		0.158		15mm	21.4	45.3	-10.8				
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	0.935	15mm	77.21	197.86	-10.8	156.7	1.73	0.01	Not required
Ant 6		0.158		15mm							
WLAN 2.4G		0.237		15mm	13	54.9	-10.8				
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	0.935	15mm	77.21	197.86	-10.8	157.1	1.73	0.01	Not required
Ant 6		0.158		15mm							
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm	27.4	48.9	-10.8				
No.4 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	0.791	1.232	15mm	77.21	197.86	-10.8	164.5	2.02	0.02	Not required
Ant 7		0.455		15mm	43.5	36.8	-10.8				
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	1.232	15mm	77.21	197.86	-10.8	156.7	2.02	0.02	Not required
Ant 7		0.455		15mm							
WLAN 2.4G		0.237		15mm	13	54.9	-10.8				
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	157.1	2.02	0.02	Not required



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Ant 7		0.455	1.232	15mm							
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm	27.4	48.9	-10.8				
No.5 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	122.8	1.89	0.02	Not required
Ant 10		0.320	1.097	15mm	104.6	78.2	-10.8				
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	156.7	1.89	0.02	Not required
Ant 10		0.320	1.097	15mm							
WLAN 2.4G		0.237		15mm	13	54.9	-10.8				
WLAN 5G		0.540		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	157.1	1.89	0.02	Not required
Ant 10		0.320	1.097	15mm							
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm	27.4	48.9	-10.8				
No.6 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	166.7	1.79	0.01	Not required
Ant 1		0.498	1.275	15mm	85.44	52.18	-10.8				
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	154.9	1.79	0.02	Not required
Ant 1		0.498	1.275	15mm							
WLAN 2.4G		0.237		15mm	13	54.9	-10.8				
WLAN 5G		0.540		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	160.1	1.79	0.02	Not required
Ant 1		0.498	1.275	15mm							
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm	27.4	48.9	-10.8				
No.7 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	152.2	1.68	0.01	Not required
Ant 4		0.383	1.160	15mm	99.2	74	-10.8				
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	154.9	1.68	0.01	Not required
Ant 4		0.383	1.160	15mm							
WLAN 2.4G		0.237		15mm	13	54.9	-10.8				
WLAN 5G		0.540		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	160.1	1.68	0.01	Not required
Ant 4		0.383	1.160	15mm							
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm	27.4	48.9	-10.8				
No.8 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	172.8	1.75	0.01	Not required
Ant 7		0.455	1.232	15mm	43.5	36.8	-10.8				
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	154.9	1.75	0.01	Not required
Ant 7		0.455	1.232	15mm							
WLAN 2.4G		0.237		15mm	13	54.9	-10.8				
WLAN 5G		0.540		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	160.1	1.75	0.01	Not required



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Ant 7		0.455	1.232	15mm							
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm	27.4	48.9	-10.8				
No.9 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	151.1	1.61	0.01	Not required
Ant 10		0.320	1.097	15mm	104.6	78.2	-10.8				
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	154.9	1.61	0.01	Not required
Ant 10		0.320	1.097	15mm							
WLAN 2.4G		0.237		15mm	13	54.9	-10.8				
WLAN 5G		0.540		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	160.1	1.61	0.01	Not required
Ant 10		0.320	1.097	15mm							
WLAN 2.4G		0.237		15mm							
WLAN 5G		0.540		15mm	27.4	48.9	-10.8				

No.10 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	139.1	2.05	0.02	Not required
Ant 1		0.537	1.298	15mm	36.9	39.1	-10.8				
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	2.05	0.02	Not required
Ant 1		0.537	1.298	15mm							
WLAN 2.4G		0.234		15mm	80	62.1	-10.8				
WLAN 5G		0.527		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	2.05	0.02	Not required
Ant 1		0.537	1.298	15mm							
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm	89.6	54.9	-10.8				
No.11 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	109.3	2.23	0.03	Not required
Ant 4		0.717	1.478	15mm	25	69.3	-10.8				
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	2.23	0.03	Not required
Ant 4		0.717	1.478	15mm							
WLAN 2.4G		0.234		15mm	80	62.1	-10.8				
WLAN 5G		0.527		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	2.23	0.02	Not required
Ant 4		0.717	1.478	15mm							
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm	89.6	54.9	-10.8				
No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	145.1	1.73	0.02	Not required
Ant 6		0.216	0.977	15mm	95.6	46.5	-10.8				
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	1.73	0.02	Not required
Ant 6		0.216	0.977	15mm							
WLAN 2.4G		0.234		15mm	80	62.1	-10.8				
WLAN 5G		0.527		15mm							



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Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	1.73	0.02	Not required
Ant 6		0.216	0.977	15mm							
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm	89.6	54.9	-10.8				
No.13 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	144.6	1.84	0.02	Not required
Ant 7		0.327	1.088	15mm	78.8	40.5	-10.8				
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	1.84	0.02	Not required
Ant 7		0.327	1.088	15mm							
WLAN 2.4G		0.234		15mm	80	62.1	-10.8				
WLAN 5G		0.527		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	1.84	0.02	Not required
Ant 7		0.327	1.088	15mm							
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm	89.6	54.9	-10.8				
No.14 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	117.7	1.87	0.02	Not required
Ant 10		0.351	1.112	15mm	69.3	65.7	-10.8				
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	1.87	0.02	Not required
Ant 10		0.351	1.112	15mm							
WLAN 2.4G		0.234		15mm	80	62.1	-10.8				
WLAN 5G		0.527		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	1.87	0.02	Not required
Ant 10		0.351	1.112	15mm							
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm	89.6	54.9	-10.8				
No.15 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	163.0	1.65	0.01	Not required
Ant 1		0.537	1.298	15mm	36.9	39.1	-10.8				
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm							
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	132.9	1.65	0.02	Not required
Ant 1		0.537	1.298	15mm							
WLAN 2.4G		0.234		15mm	80	62.1	-10.8				
WLAN 5G		0.527		15mm							
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	140.1	1.65	0.02	Not required
Ant 1		0.537	1.298	15mm							
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm	89.6	54.9	-10.8				
No.16 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	139.1	1.83	0.02	Not required
Ant 4		0.717	1.478	15mm	25	69.3	-10.8				
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm							
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	132.9	1.83	0.02	Not required
Ant 4		0.717	1.478	15mm							
WLAN 2.4G		0.234		15mm	80	62.1	-10.8				
WLAN 5G		0.527		15mm							



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Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	140.1	1.83	0.02	Not required
Ant 4		0.717	1.478	15mm							
WLAN 2.4G		0.234		15mm							
WLAN 5G		0.527		15mm	89.6	54.9	-10.8				

<Extremity>

No.1 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	174.9	6.59	0.10	Not required
Ant 1		2.424	3.414	0mm	90.8	31	-10.8				
WLAN 5G		0.989		0mm							
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	6.59	0.10	Not required
Ant 1		2.424	3.414	0mm							
WLAN 5G		0.989		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	6.59	0.10	Not required
Ant 1		2.424	3.414	0mm							
WLAN 5G		0.989		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.2 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	163.5	6.43	0.10	Not required
Ant 4		2.265	3.255	0mm	100.4	43.2	-10.8				
WLAN 5G		0.989		0mm							
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	6.43	0.10	Not required
Ant 4		2.265	3.255	0mm							
WLAN 5G		0.989		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	6.43	0.10	Not required
Ant 4		2.265	3.255	0mm							
WLAN 5G		0.989		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.3 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	4.16	0.05	Not required
WLAN 5G		0.989	0.990	0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	4.16	0.05	Not required
WLAN 5G		0.989	0.990	0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.4 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	175.7	5.41	0.07	Not required
Ant 6		1.249	2.239	0mm	22.6	40.5	-10.8				
WLAN 5G		0.989		0mm							
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	5.41	0.07	Not required
Ant 6		1.249	2.239	0mm							
WLAN 5G		0.989		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	5.41	0.07	Not required
Ant 6		1.249	2.239	0mm							
WLAN 5G		0.989		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				



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No.5 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	3.173	3.298	0mm	82.4	205.7	-10.8	170.1	6.47	0.10	Not required
Ant 7		2.308		0mm	41.7	40.5	-10.8				
WLAN 5G		0.989		0mm							
NFC		0.001		0mm							
Ant 0	Front	3.173	3.298	0mm	82.4	205.7	-10.8	169.7	6.47	0.10	Not required
Ant 7		2.308		0mm							
WLAN 5G		0.989		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.298	0mm	82.4	205.7	-10.8	169.1	6.47	0.10	Not required
Ant 7		2.308		0mm							
WLAN 5G		0.989		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.6 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	3.173	0.990	0mm	82.4	205.7	-10.8	169.7	4.16	0.05	Not required
WLAN 5G		0.989		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	0.990	0mm	82.4	205.7	-10.8	169.1	4.16	0.05	Not required
WLAN 5G		0.989		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.7 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	2.861	3.414	0mm	38.1	197.3	-10.8	174.5	6.28	0.09	Not required
Ant 1		2.424		0mm	90.8	31	-10.8				
WLAN 5G		0.989		0mm							
NFC		0.001		0mm							
Ant 2	Front	2.861	3.414	0mm	38.1	197.3	-10.8	158.4	6.28	0.10	Not required
Ant 1		2.424		0mm							
WLAN 5G		0.989		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 2	Front	2.861	3.414	0mm	38.1	197.3	-10.8	171.2	6.28	0.09	Not required
Ant 1		2.424		0mm							
WLAN 5G		0.989		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.8 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	2.861	3.255	0mm	38.1	197.3	-10.8	166.2	6.12	0.09	Not required
Ant 4		2.265		0mm	100.4	43.2	-10.8				
WLAN 5G		0.989		0mm							
NFC		0.001		0mm							
Ant 2	Front	2.861	3.255	0mm	38.1	197.3	-10.8	158.4	6.12	0.10	Not required
Ant 4		2.265		0mm							
WLAN 5G		0.989		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 2	Front	2.861	3.255	0mm	38.1	197.3	-10.8	171.2	6.12	0.09	Not required
Ant 4		2.265		0mm							
WLAN 5G		0.989		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.9 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	2.861	2.239	0mm	38.1	197.3	-10.8	157.6	5.10	0.07	Not required
Ant 6		1.249		0mm	22.6	40.5	-10.8				
WLAN 5G		0.989		0mm							
NFC		0.001		0mm							



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Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	158.4	5.10	0.07	Not required
Ant 6		1.249	2.239	0mm							
WLAN 5G		0.989		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	171.2	5.10	0.07	Not required
Ant 6		1.249	2.239	0mm							
WLAN 5G		0.989		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.10 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	158.7	6.16	0.10	Not required
Ant 7		2.308	3.298	0mm	41.2	38.6	-10.8				
WLAN 5G		0.989		0mm							
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	158.4	6.16	0.10	Not required
Ant 7		2.308	3.298	0mm							
WLAN 5G		0.989		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	171.2	6.16	0.09	Not required
Ant 7		2.308	3.298	0mm							
WLAN 5G		0.989		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				

No.11 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	180.9	6.37	0.09	Not required
Ant 1		2.256	3.177	0mm	28.6	24.9	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	6.37	0.09	Not required
Ant 1		2.256	3.177	0mm							
WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	6.37	0.09	Not required
Ant 1		2.256	3.177	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	6.37	0.09	Not required
Ant 1		2.256	3.177	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.12 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	167.7	6.17	0.09	Not required
Ant 4		2.057	2.978	0mm	26.2	38.2	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	6.17	0.09	Not required
Ant 4		2.057	2.978	0mm							
WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							



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NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	6.17	0.09	Not required
Ant 4		2.057	2.978	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	6.17	0.08	Not required
Ant 4		2.057	2.978	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.13 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	4.11	0.05	Not required
WLAN 2.4G		0.231	0.921	0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	4.11	0.05	Not required
WLAN 2.4G		0.231	0.921	0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	4.11	0.04	Not required
WLAN 2.4G		0.231	0.921	0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.14 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	168.0	4.98	0.07	Not required
Ant 6		0.875	1.796	0mm	77.6	44.1	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	4.98	0.06	Not required
Ant 6		0.875	1.796	0mm							
WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	4.98	0.06	Not required
Ant 6		0.875	1.796	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	4.98	0.06	Not required
Ant 6		0.875	1.796	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.15 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	169.9	4.96	0.07	Not required
Ant 7		0.855	1.776	0mm	74.2	41.2	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	4.96	0.06	Not required
Ant 7		0.855	1.776	0mm							



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WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	4.96	0.06	Not required
Ant 7		0.855	1.776	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	4.96	0.06	Not required
Ant 7		0.855	1.776	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.16 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	164.9	6.12	0.09	Not required
Ant 10		2.013	2.934	0mm	63.3	43.9	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	6.12	0.09	Not required
Ant 10		2.013	2.934	0mm							
WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	6.12	0.09	Not required
Ant 10		2.013	2.934	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	6.12	0.08	Not required
Ant 10		2.013	2.934	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.17 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	179.2	5.99	0.08	Not required
Ant 1		2.256	3.177	0mm	28.6	24.9	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	5.99	0.09	Not required
Ant 1		2.256	3.177	0mm							
WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	5.99	0.09	Not required
Ant 1		2.256	3.177	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	192.5	-10.8	182.6	5.99	0.08	Not required
Ant 1		2.256	3.177	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							



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NFC		0.020		0mm	22.4	20.5	-10.8				
No.18 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	167.4	5.79	0.08	Not required
Ant 4		2.057	2.978	0mm	26.2	38.2	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	5.79	0.09	Not required
Ant 4		2.057	2.978	0mm							
WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	5.79	0.09	Not required
Ant 4		2.057	2.978	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	185.4	5.79	0.08	Not required
Ant 4		2.057	2.978	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.19 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	151.5	4.61	0.07	Not required
Ant 6		0.875	1.796	0mm	77.6	44.1	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	4.61	0.06	Not required
Ant 6		0.875	1.796	0mm							
WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	4.61	0.06	Not required
Ant 6		0.875	1.796	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	185.4	4.61	0.05	Not required
Ant 6		0.875	1.796	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.20 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	154.6	4.59	0.06	Not required
Ant 7		0.855	1.776	0mm	74.2	41.2	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	4.59	0.06	Not required
Ant 7		0.855	1.776	0mm							
WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							



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NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	4.59	0.06	Not required
Ant 7		0.855	1.776	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	185.4	4.59	0.05	Not required
Ant 7		0.855	1.776	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.21 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	153.0	5.75	0.09	Not required
Ant 10		2.013	2.934	0mm	63.3	43.9	-10.8				
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	5.75	0.09	Not required
Ant 10		2.013	2.934	0mm							
WLAN 2.4G		0.231		0mm	74.8	36.2	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	5.75	0.09	Not required
Ant 10		2.013	2.934	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	185.4	5.75	0.07	Not required
Ant 10		2.013	2.934	0mm							
WLAN 2.4G		0.231		0mm							
WLAN 5G		0.670		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				

No.22 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Left Side	3.196	3.196	0mm	53.7	25.3	-10.8	160.4	5.06	0.07	Not required
Ant 1		1.765	1.863	0mm	58.5	185.6	-10.8				
WLAN 5G		0.097		0mm							
NFC		0.001		0mm							
Ant 0	Left Side	3.196	3.196	0mm	53.7	25.3	-10.8	160.5	5.06	0.07	Not required
Ant 1		1.765	1.863	0mm							
WLAN 5G		0.097		0mm	65.7	185.4	-10.8				
NFC		0.001		0mm							
Ant 0	Left Side	3.196	3.196	0mm	53.7	25.3	-10.8	148.8	5.06	0.08	Not required
Ant 1		1.765	1.863	0mm							
WLAN 2.4G		0.097		0mm							
NFC		0.001		0mm	68.1	173.4	-10.8				
No.23 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Left Side	3.196	3.196	0mm	53.7	35.3	-10.8	146.0	5.77	0.09	Not required
Ant 4		2.474	2.572	0mm	71.7	180.2	-10.8				
WLAN 5G		0.097		0mm							
NFC		0.001		0mm							
Ant 0	Left Side	3.196	3.196	0mm	53.7	35.3	-10.8	150.6	5.77	0.09	Not required
Ant 4		2.474	2.572	0mm							



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WLAN 5G		0.097		0mm	65.7	185.4	-10.8				
NFC		0.001		0mm							
Ant 0	Left Side	3.196	3.196	0mm	53.7	35.3	-10.8	138.8	5.77	0.10	Not required
Ant 4		2.474		0mm							
WLAN 5G		0.097	2.572	0mm							
NFC		0.001		0mm	68.1	173.4	-10.8				

No.24 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	173.5	4.06	0.05	Not required
WLAN 2.4G		0.440	1.111	0mm	69.3	30.6	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	177.9	4.06	0.05	Not required
WLAN 2.4G		0.440	1.111	0mm							
WLAN 5G		0.670		0mm	68.8	26.2	-10.8				
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.9	4.06	0.04	Not required
WLAN 2.4G		0.440	1.111	0mm							
WLAN 5G		0.670		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.25 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	173.5	4.06	0.05	Not required
WLAN 2.4G		0.440	1.111	0mm	69.3	30.6	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	177.9	4.06	0.05	Not required
WLAN 2.4G		0.440	1.111	0mm							
WLAN 5G		0.670		0mm	68.8	26.2	-10.8				
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.9	4.06	0.04	Not required
WLAN 2.4G		0.440	1.111	0mm							
WLAN 5G		0.670		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.26 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	173.5	4.06	0.05	Not required
WLAN 2.4G		0.440	1.111	0mm	69.3	30.6	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	177.9	4.06	0.05	Not required
WLAN 2.4G		0.440	1.111	0mm							
WLAN 5G		0.670		0mm	68.8	26.2	-10.8				
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.9	4.06	0.04	Not required
WLAN 2.4G		0.440	1.111	0mm							
WLAN 5G		0.670		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.27 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.3	6.70	0.09	Not required
Ant 6		2.635	3.746	0mm	70.5	20.9	-10.8				
WLAN 2.4G		0.440		0mm							
WLAN 5G		0.670		0mm							
NFC		0.001		0mm							



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Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.5	6.70	0.09	Not required
Ant 6		2.635	3.746	0mm							
WLAN 2.4G		0.440		0mm	69.3	20.6	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	177.9	6.70	0.10	Not required
Ant 6		2.635	3.746	0mm							
WLAN 2.4G		0.440		0mm							
WLAN 5G		0.670		0mm	68.8	26.2	-10.8				
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.9	6.70	0.09	Not required
Ant 6		2.635	3.746	0mm							
WLAN 2.4G		0.440		0mm							
WLAN 5G		0.670		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.28 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	177.8	4.38	0.05	Not required
Ant 7		0.319	1.430	0mm	68.7	26.3	-10.8				
WLAN 2.4G		0.440		0mm							
WLAN 5G		0.670		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	173.5	4.38	0.05	Not required
Ant 7		0.319	1.430	0mm							
WLAN 2.4G		0.440		0mm	69.3	30.6	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	172.9	4.38	0.05	Not required
Ant 7		0.319	1.430	0mm							
WLAN 2.4G		0.440		0mm							
WLAN 5G		0.670		0mm	68.8	31.2	-10.8				
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.9	4.38	0.05	Not required
Ant 7		0.319	1.430	0mm							
WLAN 2.4G		0.440		0mm							
WLAN 5G		0.670		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.29 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	173.5	4.06	0.05	Not required
WLAN 2.4G		0.440	1.111	0mm	69.3	30.6	-10.8				
WLAN 5G		0.670		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	172.9	4.06	0.05	Not required
WLAN 2.4G		0.440	1.111	0mm							
WLAN 5G		0.670		0mm	68.8	31.2	-10.8				
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.9	4.06	0.04	Not required
WLAN 2.4G		0.440	1.111	0mm							
WLAN 5G		0.670		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				

<Sensor off>

No.1 Band	Position	SAR 10g SAR (W/kg)	Summed	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				X	Y	Z				
Ant 0	Front	2.058	2.058	82.4	205.7	-10.8	174.9	4.04	0.05	Not required
Ant 1		1.254	1.980	90.8	31	-10.8				
WLAN 5G		0.726								
Ant 0	Front	2.058	2.058	82.4	205.7	-10.8	169.7	4.04	0.05	Not required
Ant 1		1.254	1.980							
WLAN 5G		0.726		48.9	39.3	-10.8				
No.2 Band	Position	SAR 10g SAR (W/kg)	Summed	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				X	Y	Z				
Ant 0	Front	2.058	2.058	82.4	205.7	-10.8	163.5	4.80	0.06	Not required
Ant 4		2.013	2.739	100.4	43.2	-10.8				
WLAN 5G		0.726								
Ant 0	Front	2.058	2.058	82.4	205.7	-10.8	169.7	4.80	0.06	Not required
Ant 4		2.013	2.739							
WLAN 5G		0.726		48.9	39.3	-10.8				



17.7 Maximum Reported SAR and SAR Peak Locations

General Note:

1. The maximum reported SAR and SAR Peak Locations corresponding to each position of each frequency band of each antenna in the below tables are as follows.
2. The unit of SAR evaluation is W/kg. The unit of x, y, z with Axis evaluation is mm.

<Head>

Right Cheek														
Band		Ant0			Ant2			Ant1			Ant4			Ant7
GSM850	SAR (W/kg)		0.255											
	Axis	42.6	151.2	93.1										
GSM1900	SAR (W/kg)		0.146											
	Axis	42.8	150.4	93.4										
WCDMA II	SAR (W/kg)		0.224						0.772					
	Axis	42.7	150.9	93.2				78.1	77.2	94.1				
WCDMA IV	SAR (W/kg)		0.195						0.56					
	Axis	42.5	150.8	93.5				78.6	77.9	93.5				
WCDMA V	SAR (W/kg)		0.138						0.71					
	Axis	42.8	151	93.3				78.1	78.3	93.2				
LTE Band 71	SAR (W/kg)		0.105						0.679					
	Axis	42.7	150.9	93.1				78.2	82.1	94.9				
LTE Band 12	SAR (W/kg)		0.168						0.84					
	Axis	42.2	151.2	92.7				74.1	75	94.8				
LTE Band 13	SAR (W/kg)		0.152						0.911					
	Axis	43	150.6	94.7				74.2	74	94.7				
LTE Band 14	SAR (W/kg)		0.198						0.937					
	Axis	30.8	152.6	95.6				74.3	73.6	94.7				
LTE Band 25	SAR (W/kg)		0.267						0.7					
	Axis	29.9	153.3	92.6				73.3	72.2	87.7				
LTE Band 26	SAR (W/kg)		0.197						0.951					
	Axis	30.1	151.7	94.8				73.5	73.5	87.5				
LTE Band 66	SAR (W/kg)		0.287						0.799					
	Axis	30.6	150.3	94.7				73.6	75.1	97.6				
LTE Band 41	SAR (W/kg)		0.013			0.169			0.594					
	Axis	29.6	152.3	94.5	27.3	150.7	93	80.7	79.6	88.8				
FR1 n71	SAR (W/kg)		0.001						0.919					
	Axis	42.4	148	92.5				80.4	78.1	88.6				
FR1 n12	SAR (W/kg)		0.063						0.5					
	Axis	30.7	151.1	93.8				80.3	75.9	88.7				
FR1 n14	SAR (W/kg)		0.001						0.815					
	Axis	30.5	150.4	93.6				80.5	74.2	88.2				
FR1 n25	SAR (W/kg)		0.148						0.789					
	Axis	29.8	149.6	92.9				80.4	75.6	88.3				
FR1 n26	SAR (W/kg)		0.106						0.82					
	Axis	30.1	151.2	93.1				80.1	75.8	88.1				
FR1 n66	SAR (W/kg)		0.127						0.843					
	Axis	30.4	151.3	94.5				80.2	77.4	88.5				



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FR1 n70	SAR (W/kg)		0.106						0.837							
	Axis	30.4	150.8	94.1					80.3	78.1	88.7					
FR1 n41 HPUE	SAR (W/kg)		0.068			0.251			0.73							
	Axis	29.4	152.8	94	27.5	148.1	92.5	80.4	76.9	88.5						
LTE Band 7	SAR (W/kg)					0.177										
	Axis				27.8	147.5	91.5									
LTE Band 30	SAR (W/kg)					0.181			0.754							
	Axis				27.9	147.3	91.6	80.1	73.4	88.3						
FR1 n7	SAR (W/kg)					0.175										
	Axis				28.1	147.8	91.7									
FR1 n30	SAR (W/kg)					0.176			0.751							
	Axis				28.2	148.6	92.2	80.2	74.6	88.5						
LTE Band 42 Part 27Q	SAR (W/kg)					0.558						0.704			0.483	
	Axis				29.8	146.7	92.6				94.3	105.6	90.1	37.3	82.6	84.9
LTE Band 48	SAR (W/kg)					0.265						0.912			0.455	
	Axis				27.6	149.2	91.8				94.2	102.3	90.2	37.6	81.5	83.5
FR1 n48	SAR (W/kg)					0.46						0.863			0.512	
	Axis				28.6	147.2	92.5				94.1	102.6	90.1	38	81.7	82.4
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.623						0.552			0.482	
	Axis				28.4	148.5	91.2				94.3	103.2	90.4	37.9	82.1	81.9
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.289						0.92			0.502	
	Axis				28.7	147.3	91.7				94.2	102.1	90.3	38.2	81.4	82.5
WLAN2.4GHz Ant3+5	SAR (W/kg)	0.162				WLAN5GHz Ant6	SAR (W/kg)	0.397				WLAN5GHz Ant10	SAR (W/kg)	0.072		
	Axis	44.6	84.8	84.1			Axis	30.1	80.5	88.6			Axis	42.2	70.1	83.8
WLAN6GHz Ant6	SAR (W/kg)	0.298				WLAN6GHz Ant10	SAR (W/kg)	0.017				BT Ant3	SAR (W/kg)	0.086		
	Axis	30.4	80.8	88.4			Axis	42.5	70.6	83.5			Axis	44.8	85.2	84.3

Right Tilted									
Band		Ant0			Ant1			Ant2	
GSM850	SAR (W/kg)		0.124						
	Axis	48.6	128.7	94.2					
GSM1900	SAR (W/kg)		0.061						
	Axis	48.1	126.9	94.5					
WCDMA II	SAR (W/kg)		0.114			0.841			
	Axis	47.8	127.4	94.2	72.4	74.8	93.4		
WCDMA IV	SAR (W/kg)		0.086			0.859			
	Axis	48.2	127.5	94.2	72.5	75.8	93.8		
WCDMA V	SAR (W/kg)		0.075			0.574			
	Axis	17.6	126.3	94.1	72.9	76.2	93.7		
LTE Band 71	SAR (W/kg)		0.05			0.635			
	Axis	48	125.6	93.8	72	74.6	93.7		
LTE Band 12	SAR (W/kg)		0.083			0.735			
	Axis	48.5	127.6	93.5	72.5	74.2	94.1		
LTE Band 13	SAR (W/kg)		0.067			0.813			
	Axis	47.2	128.6	94.8	73.5	75.8	94.3		
LTE Band 14	SAR (W/kg)		0.098			0.844			
	Axis	47.6	127.3	95.2	73.1	75.6	94.7		
LTE Band 25	SAR (W/kg)		0.112			0.868			
	Axis	48.3	126.3	93.6	72.6	75.2	94		



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WLAN2.4GHz Ant3+5	SAR (W/kg)	0.189		
	Axis	63.2	87	95.1
WLAN6GHz Ant6	SAR (W/kg)	0.228		
	Axis	63.2	87	95.1

WLAN5GHz Ant6	SAR (W/kg)	0.384		
	Axis	42.2	71.4	83.8
WLAN6GHz Ant10	SAR (W/kg)	0.021		
	Axis	42.2	71.4	83.8

WLAN5GHz Ant10	SAR (W/kg)	0.085		
	Axis	43.5	72.6	90.4
BT Ant3	SAR (W/kg)	0.11		
	Axis	42.6	80.6	89.3

Left Cheek														
Band		Ant0			Ant1			Ant2		Ant6			Ant7	
GSM850	SAR (W/kg)		0.316											
	Axis	71.6	151.1	88.7										
GSM1900	SAR (W/kg)		0.097											
	Axis	71.4	151.5	89.0										
WCDMA II	SAR (W/kg)		0.182			0.358								
	Axis	71.3	151.5	89.5	73.5	77.2	92.6							



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WCDMA IV	SAR (W/kg)		0.155			0.302											
	Axis	71.6	151.5	89.5	73.6	77.6	92.8										
WCDMA V	SAR (W/kg)		0.184			0.368											
	Axis	71.2	150.9	89.1	74.9	77.9	93.6										
LTE Band 71	SAR (W/kg)		0.121			0.358											
	Axis	71.7	150.9	92.5	69.5	77.1	88.2										
LTE Band 12	SAR (W/kg)		0.179			0.393											
	Axis	71.9	151.5	89.4	73.8	77.6	92.8										
LTE Band 13	SAR (W/kg)		0.184			0.491											
	Axis	71.1	151.5	88.7	73.3	78.9	94.1										
LTE Band 14	SAR (W/kg)		0.243			0.531											
	Axis	71.6	150.9	88.9	74.8	78.5	92.4										
LTE Band 25	SAR (W/kg)		0.166			0.388											
	Axis	71.49	151.27	90.5	70.5	78.9	88.6										
LTE Band 26	SAR (W/kg)		0.245			0.539											
	Axis	71.5	151.0	89.2	74.8	77.7	93.1										
LTE Band 66	SAR (W/kg)		0.167			0.373											
	Axis	71.8	151.0	89.4	74.4	77.3	92.8										
LTE Band 41	SAR (W/kg)		0.001			0.206		0.086									
	Axis	71.5	148.7	90.1	71.2	76.8	90.2	34.4	136	98.1							
FR1 n71	SAR (W/kg)		0.073			0.487											
	Axis	71.6	151.6	89.4	71.1	79.6	90.1										
FR1 n12	SAR (W/kg)		0.134			0.259											
	Axis	71.2	151.1	89.3	73.1	77.2	93.5										
FR1 n14	SAR (W/kg)		0.113			0.485											
	Axis	71.7	151.3	89.5	75.0	78.4	92.7										
FR1 n25	SAR (W/kg)		0.156			0.436											
	Axis	71.1	150.9	89.1	74.5	78.4	93.9										
FR1 n26	SAR (W/kg)		0.124			0.524											
	Axis	71.5	151.3	89.3	73.8	77.9	93.5										
FR1 n66	SAR (W/kg)		0.075			0.473											
	Axis	71.5	151.1	89.0	73.9	77.3	94.0										
FR1 n70	SAR (W/kg)		0.062			0.464											
	Axis	71.6	151.2	89.3	75.1	78.1	92.9										
FR1 n41 HPUE	SAR (W/kg)		0.053			0.158			0.164								
	Axis	71.7	151.4	89.0	73.5	77.2	93.7	33.4	134.9	95.7							
LTE Band 7	SAR (W/kg)								0.126								
	Axis							32.1	134.7	96.5							
LTE Band 30	SAR (W/kg)					0.253			0.141								
	Axis				74.8	77.4	92.8	32.5	134.7	96.1							
FR1 n7	SAR (W/kg)								0.112								
	Axis							33.6	135.6	95.3							
FR1 n30	SAR (W/kg)					0.26			0.128								
	Axis				74.4	77.1	94.0	33.4	134.8	97.0							
LTE Band 42 Part 27Q	SAR (W/kg)								0.362			0.91				0.832	
	Axis							35.6	132	99.2	20.2	83.4	94.3	38.8	82.3	94	
LTE Band 48	SAR								0.153			0.91				0.895	



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	(W/kg)																
	Axis							32.8	134.5	96.1	19.6	82.5	94.5	35.52	79.91	90.38	
FR1 n48	SAR (W/kg)								0.286			0.877			0.856		
	Axis							32.3	135.8	95.2	20.1	81.9	95.1	36.33	79.73	90.82	
FR1 n77 Part 27O HPUE	SAR (W/kg)								0.406			0.861			0.841		
	Axis							31.9	135.0	95.7	20	83	94.3	36.41	79.2	90.61	
FR1 n77 Part 27Q HPUE	SAR (W/kg)								0.169			0.893			0.925		
	Axis							32.8	135.0	96.0	19.5	80.9	95.6	36.19	78.8	91.2	
WLAN2.4GHz Ant3+5	SAR (W/kg)	0.349					WLAN5GHz Ant6	SAR (W/kg)	0.398				WLAN5GHz Ant10	SAR (W/kg)	0.13		
	Axis	26.3	85.9	88.9				Axis	28.8	84.7	94.5			Axis	13.8	109.1	96
WLAN6GHz Ant6	SAR (W/kg)	0.404					WLAN6GHz Ant10	SAR (W/kg)	0.019				BT Ant3	SAR (W/kg)	0.191		
	Axis	28.8	84.7	94.5				Axis	13.8	109.1	96			Axis	19.8	84.6	93.1

Left Tilted														
Band		Ant1			Ant2			Ant6			Ant7			
GSM850	SAR (W/kg)													
	Axis													
GSM1900	SAR (W/kg)													
	Axis													
WCDMA II	SAR (W/kg)		0.466											
	Axis	68.2	70.9	88.4										
WCDMA IV	SAR (W/kg)		0.393											
	Axis	68.5	71.3	88.8										
WCDMA V	SAR (W/kg)		0.353											
	Axis	68.9	71.3	88.9										
LTE Band 71	SAR (W/kg)		0.388											
	Axis	67.2	70.9	87.9										
LTE Band 12	SAR (W/kg)		0.44											
	Axis	68.1	71.3	88.3										
LTE Band 13	SAR (W/kg)		0.486											
	Axis	68.2	70.8	88.1										
LTE Band 14	SAR (W/kg)		0.51											
	Axis	68.6	70.8	88.1										
LTE Band 25	SAR (W/kg)		0.484											
	Axis	68.5	71.2	88.6										
LTE Band 26	SAR (W/kg)		0.547											
	Axis	68.7	71.0	88.9										
LTE Band 66	SAR (W/kg)		0.52											
	Axis	68.8	70.7	88.6										
LTE Band 41	SAR (W/kg)		0.286		0.074									
	Axis	65.3	72.5	88.4	31.3	127.1	94.8							
FR1 n71	SAR (W/kg)		0.504											
	Axis	68.3	71.6	89.0										
FR1 n12	SAR (W/kg)		0.266											
	Axis	68.9	71.5	88.4										
FR1 n14	SAR (W/kg)		0.465											
	Axis	68.4	71.0	88.3										
FR1 n25	SAR (W/kg)		0.554											
	Axis	68.9	71.7	88.8										
FR1 n26	SAR (W/kg)		0.498											
	Axis	68.0	70.7	88.8										
FR1 n66	SAR (W/kg)		0.599											



	Axis	68.1	70.9	88.2									
FR1 n70	SAR (W/kg)		0.647										
	Axis	68.5	71.1	88.8									
FR1 n41 HPUE	SAR (W/kg)		0.206			0.126							
	Axis	68.9	71.5	89.0	27.6	125.2	90.3						
LTE Band 7	SAR (W/kg)					0.098							
	Axis				26.8	125.1	90.0						
LTE Band 30	SAR (W/kg)		0.355			0.092							
	Axis	69.0	71.1	88.9	27.0	125.9	91.2						
FR1 n7	SAR (W/kg)					0.093							
	Axis				27.1	126.2	90.8						
FR1 n30	SAR (W/kg)		0.341			0.074							
	Axis	68.2	71.0	89.0	27.1	125.9	90.3						
LTE Band 42 Part 27Q	SAR (W/kg)					0.45			0.62			0.593	
	Axis				30.5	123.5	93.5	23.9	75.9	93.6	36.3	76.0	94.4
LTE Band 48	SAR (W/kg)					0.2			0.543			0.837	
	Axis				27.9	125.1	91.2	20.4	74.8	91.2	32.8	73.2	91.3
FR1 n48	SAR (W/kg)					0.346			0.618			0.811	
	Axis				27.3	125.5	90.0	20.7	73.8	90.1	33.1	73.2	91.3
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.423			0.515			0.829	
	Axis				27.5	125.1	90.3	21.1	73.7	89.9	33.6	73.0	91.2
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.184			0.825			0.844	
	Axis				28.2	126.2	91.0	20.9	75.0	90.6	32.8	73.2	90.8

BT Ant3	SAR (W/kg)	0.124		
	Axis	28.6	81.5	93.6

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SAR Test Report										Report Ref: R16-010												
Portion	Antenna	W/kg			W/kg			W/kg			W/kg			W/kg			W/kg			W/kg		
		Axis	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	W/kg	
LTE Band 26	SAR	84.6	200.1	-10.8						77.9	34.6	-10.8										
	Axis		0.379								0.47											
	Axis	83.4	202.0	-10.8						79.1	33.1	-10.8										
LTE Band 66	SAR		0.927							0.257												
	Axis	83.1	201.7	-10.8						79.5	33.4	-10.8										
LTE Band 41	SAR		0.199			0.554				0.207										0.01		
	Axis	76.8	211.2	-10.8	29	209	-10.8	83.5	40.1	-10.8									105.3	75.2	-10.8	
FR1 n71	SAR		0.227							0.215												
	Axis	77.1	196.9	-10.8						85.1	50.7	-10.8										
FR1 n12	SAR		0.266							0.152												
	Axis	76.2	198.4	-10.8						85.0	52.2	-10.8										
FR1 n14	SAR		0.339							0.374												
	Axis	77.3	197.1	-10.8						85.5	50.8	-10.8										
FR1 n25	SAR		0.808							0.225					0.189							
	Axis	82.8	201.2	-10.8						80.2	33.5	-10.8			15.4	72.9	-10.8					
FR1 n26	SAR		0.58							0.495												
	Axis	82.9	201.5	-10.8						79.3	32.7	-10.8										
FR1 n66	SAR		0.97							0.373					0.001							
	Axis	83.0	202.0	-10.8						79.7	32.4	-10.8			14.9	72.5	-10.8					
FR1 n70	SAR		0.871							0.173					0.001							
	Axis	82.3	202.4	-10.8						79.2	33.1	-10.8			14.8	72.4	-10.8					
FR1 n41 HPUE	SAR		0.285			0.979				0.218										0.01		
	Axis	75.2	212.3	-10.8	28.0	209.3	-10.8	85.1	37.6	-10.8									104.6	78.2	-10.8	
LTE Band 7	SAR					0.539																
	Axis				28.1	209.5	-10.8															
LTE Band 30	SAR					0.959				0.238												
	Axis				28.4	209.1	-10.8	86.2	38.2	-10.8												
FR1 n7	SAR					0.771																
	Axis				28.0	209.1	-10.8															
FR1 n30	SAR					0.624				0.211												
	Axis				28.0	210.1	-10.8	84.8	37.9	-10.8												
LTE Band 42 Part 27Q	SAR					0.809																



Back																		
Band		Ant0		Ant2		Ant1		Ant4		Ant5		Ant6		Ant7		Ant10		
GSM850	SAR (W/kg)	1.116																
	Axis	36.6	189.1	-10.8														
GSM1900	SAR (W/kg)	1.199																
	Axis	36.7	187.6	-10.8														
WCDMA II	SAR (W/kg)	1.292				0.519												
	Axis	36.7	189.4	-10.8		38.4	38.2	-10.8										
WCDMA IV	SAR (W/kg)	1.261				0.37												
	Axis	37.0	189.2	-10.8		38.3	37.9	-10.8										
WCDMA V	SAR (W/kg)	1.269				0.57												
	Axis	36.5	189.5	-10.8		38.0	38.4	-10.8										
LTE Band 71	SAR (W/kg)	0.844				0.617												
	Axis	39.3	190.1	-10.8		35.7	47.7	-10.8										
LTE Band 12	SAR (W/kg)	1.041				0.299												
	Axis	37.2	190.5	-10.8		38.4	38.3	-10.8										
LTE Band 13	SAR (W/kg)	0.894				0.49												
	Axis	37.0	189.7	-10.8		37.4	37.6	-10.8										
LTE Band 14	SAR (W/kg)	1.107				0.553												
	Axis	36.4	188.4	-10.8		37.5	38.3	-10.8										
LTE Band 25	SAR (W/kg)	1.125				0.535												
	Axis	35.8	194.9	-10.8		36.9	34.6	-10.8										
LTE Band 26	SAR (W/kg)	1.093				0.605												
	Axis	36.7	191.0	-10.8		37.5	38.4	-10.8										
LTE Band 66	SAR (W/kg)	1.287				0.37												
	Axis	36.8	191.4	-10.8		37.5	37.7	-10.8										
LTE Band 41	SAR (W/kg)	1.243		0.859		0.396										0.634		
	Axis	34.6	178.2	-10.8	34.8	194.9	-10.8	36.9	39.1	-10.8						69.3	65.7	-10.8
FR1 n71	SAR (W/kg)	0.698				0.453												
	Axis	37.2	190.3	-10.8		38.1	38.6	-10.8										
FR1 n12	SAR (W/kg)	0.697				0.325												
	Axis	36.6	191.4	-10.8		37.9	37.7	-10.8										
FR1 n14	SAR (W/kg)	0.902				0.613												
	Axis	36.7	190.7	-10.8		37.4	38.0	-10.8										
FR1 n25	SAR (W/kg)	1.272				0.36				0.363								
	Axis	36.4	190.7	-10.8		38.3	38.1	-10.8		94.4	69.3	-10.8						
FR1 n26	SAR (W/kg)	1.196				0.753												
	Axis	36.4	192.3	-10.8		38.4	38.5	-10.8										
FR1 n66	SAR (W/kg)	1.28				0.558				0.059								
	Axis	36.5	191.4	-10.8		38.3	38.5	-10.8		95.6	65.2	-10.8						
FR1 n70	SAR (W/kg)	1.253				0.295				0.072								
	Axis	36.7	189.7	-10.8		37.7	38.2	-10.8		96.2	66.2	-10.8						
FR1 n41 HPUE	SAR (W/kg)	1.274		1.271		0.421										0.627		
	Axis	36.8	190.4	-10.8	33.5	195.6	-10.8	37.5	38.1	-10.8						66.8	64.2	-10.8
LTE Band 7	SAR (W/kg)			1.158														
	Axis			34.1	195.9	-10.8												



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Left Side							
Band		Ant0			Ant4		
GSM850	SAR (W/kg)		0.452				
	Axis	52.2	21.9	-10.8			
GSM1900	SAR (W/kg)		0.99				
	Axis	53.7	20.4	-10.8			
WCDMA II	SAR (W/kg)		0.768				
	Axis	53.7	20.7	-10.8			
WCDMA IV	SAR (W/kg)		1.231				
	Axis	52.5	20.7	-10.8			
WCDMA V	SAR (W/kg)		0.428				
	Axis	53.2	20.6	-10.8			
LTE Band 71	SAR (W/kg)		0.53				
	Axis	62.1	19.2	-10.8			
LTE Band 12	SAR (W/kg)		0.792				
	Axis	52.7	20.3	-10.8			
LTE Band 13	SAR (W/kg)		0.488				
	Axis	52.6	20.4	-10.8			
LTE Band 14	SAR (W/kg)		0.646				
	Axis	53.6	20.3	-10.8			
LTE Band 25	SAR (W/kg)		0.75				
	Axis	56.1	25.2	-10.8			
LTE Band 26	SAR (W/kg)		0.443				
	Axis	53.0	20.5	-10.8			
LTE Band 66	SAR (W/kg)		1.131				
	Axis	52.4	20.4	-10.8			
LTE Band 41	SAR (W/kg)		0.079				
	Axis	50.1	19.4	-10.8			
FR1 n71	SAR (W/kg)		0.482				
	Axis	52.4	21.6	-10.8			
FR1 n12	SAR (W/kg)		0.569				
	Axis	53.7	20.3	-10.8			
FR1 n14	SAR (W/kg)		0.499				



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	Axis	53.2	21.0	-10.8			
FR1 n25	SAR (W/kg)		0.785				
	Axis	52.4	20.8	-10.8			
FR1 n26	SAR (W/kg)		0.692				
	Axis	53.9	22.3	-10.8			
FR1 n66	SAR (W/kg)		1.139				
	Axis	53.6	20.1	-10.8			
FR1 n70	SAR (W/kg)		1.161				
	Axis	53.4	21.5	-10.8			
FR1 n41 HPUE	SAR (W/kg)		0.118				
	Axis	53.2	20.2	-10.8			
LTE Band 42 Part 27Q	SAR (W/kg)					0.61	
	Axis				70.1	167.8	-10.8
LTE Band 48	SAR (W/kg)					0.604	
	Axis				70.5	165.3	-10.8
FR1 n48	SAR (W/kg)					0.627	
	Axis				69.3	161.4	-10.8
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.623	
	Axis				69.8	166.6	-10.8
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.587	
	Axis				71.2	162.4	-10.8
WLAN5GHz Ant6+7	SAR (W/kg)	0.041					
	Axis	53.7	183.6	-10.8			

Right Side													
Band		Ant2			Ant1			Ant4			Ant5		
WCDMA II	SAR (W/kg)				0.016								
	Axis			70.2	36.8	-10.8							
WCDMA IV	SAR (W/kg)				0.016								
	Axis			70.1	36.5	-10.8							
WCDMA V	SAR (W/kg)				0.092								
	Axis			69.1	36.7	-10.8							
LTE Band 71	SAR (W/kg)				0.117								
	Axis			69.3	36.4	-10.8							
LTE Band 12	SAR (W/kg)				0.091								
	Axis			68.4	36.1	-10.8							
LTE Band 13	SAR (W/kg)				0.139								
	Axis			62.3	37	-10.8							
LTE Band 14	SAR (W/kg)				0.127								
	Axis			65.2	36.5	-10.8							
LTE Band 25	SAR (W/kg)				0.02								
	Axis			69.5	37.8	-10.8							
LTE Band 26	SAR (W/kg)				0.153								
	Axis			68.2	33.4	-10.8							
LTE Band 66	SAR (W/kg)				0.016								
	Axis			67.4	34.7	-10.8							
LTE Band 41	SAR (W/kg)		0.633		0.001								0.049
	Axis	62.1	159	-10.8	62.6	32.3	-10.8					62.4	75.2
FR1 n71	SAR (W/kg)				0.099								
	Axis				65.2	36.7	-10.8						

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<Body-worn>

Front																					
Band		Ant0			Ant2			Ant1			Ant4			Ant5		Ant6		Ant7		Ant10	
GSM850	SAR (W/kg)	0.416																			
	Axis	82.8	197.0	-10.8																	
GSM1900	SAR (W/kg)	0.861																			
	Axis	83.0	201.5	-10.8																	
WCDMA II	SAR (W/kg)	1.03							0.51												
	Axis	82.0	202.8	-10.8					79.9	32.5	-10.8										
WCDMA IV	SAR (W/kg)	1.049							0.523												
	Axis	77.2	197.9	-10.8					85.4	52.2	-10.8										
WCDMA V	SAR (W/kg)	0.394							0.425												
	Axis	77.8	197.5	-10.8					85.2	50.6	-10.8										
LTE Band 71	SAR (W/kg)	0.145							0.324												
	Axis	79.0	195.7	-10.8					83.5	53.5	-10.8										
LTE Band 12	SAR (W/kg)	0.329							0.188												
	Axis	76.4	197.1	-10.8					85.0	51.8	-10.8										
LTE Band 13	SAR (W/kg)	0.351							0.339												
	Axis	77.0	198.3	-10.8					85.1	51.5	-10.8										
LTE Band 14	SAR (W/kg)	0.458							0.327												
	Axis	77.2	198.1	-10.8					86.1	51.9	-10.8										
LTE Band 25	SAR (W/kg)	0.664							0.584												
	Axis	84.6	200.1	-10.8					77.9	34.6	-10.8										
LTE Band 26	SAR (W/kg)	0.379							0.47												
	Axis	83.4	202.0	-10.8					79.1	33.1	-10.8										
LTE Band 66	SAR (W/kg)	0.927							0.618												
	Axis	83.1	201.7	-10.8					79.5	33.4	-10.8										
LTE Band 41	SAR (W/kg)	0.199			0.758				0.441										0.001		
	Axis	76.8	211.2	-10.8	29	209	-10.8	83.5	40.1	-10.8								105.3	75.2	-10.8	
FR1 n71	SAR (W/kg)	0.227							0.215												
	Axis	77.1	196.9	-10.8					85.1	50.7	-10.8										
FR1 n12	SAR (W/kg)	0.266							0.152												
	Axis	76.2	198.4	-10.8					85.0	52.2	-10.8										
FR1 n14	SAR (W/kg)	0.339							0.374												
	Axis	77.3	197.1	-10.8					85.5	50.8	-10.8										
FR1 n25	SAR (W/kg)	0.808							0.504					0.212							
	Axis	82.8	201.2	-10.8					80.2	33.5	-10.8			15.4	72.9	-10.8					
FR1 n26	SAR (W/kg)	0.58							0.495												
	Axis	82.9	201.5	-10.8					79.3	32.7	-10.8										
FR1 n66	SAR (W/kg)	0.97							0.543					0.001							
	Axis	83.0	202.0	-10.8					79.7	32.4	-10.8			14.9	72.5	-10.8					
FR1 n70	SAR (W/kg)	0.871							0.521					0.001							
	Axis	82.3	202.4	-10.8					79.2	33.1	-10.8			14.8	72.4	-10.8					
FR1 n41 HPUE	SAR (W/kg)	0.285			0.979				0.445										0.015		
	Axis	75.2	212.3	-10.8	28.0	209.3	-10.8	85.1	37.6	-10.8								104.6	78.2	-10.8	
LTE Band 7	SAR (W/kg)				0.539																
	Axis				28.1	209.5	-10.8														

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<Sensor off>

Front																			
Band		Ant0			Ant 2			Ant 1			Ant4			Ant6			Ant7		
GSM1900	SAR (W/kg)		0.791																
	Axis	83.0	201.5	-10.8															
WCDMA II	SAR (W/kg)		0.725						0.329										
	Axis	82.0	202.8	-10.8				79.9	32.5	-10.8									
WCDMA IV	SAR (W/kg)		0.428						0.162										
	Axis	77.2	197.9	-10.8				85.4	52.2	-10.8									
LTE Band 25	SAR (W/kg)		0.271						0.333										
	Axis	84.6	200.1	-10.8				77.9	34.6	-10.8									
LTE Band 66	SAR (W/kg)		0.427						0.309										
	Axis	83.1	201.7	-10.8				79.5	33.4	-10.8									
LTE Band 41	SAR (W/kg)		0.22			0.138			0.177									0.241	
	Axis	76.8	211.2	-10.8	29.0	209.0	-10.8	83.5	40.1	-10.8							105.3	75.2	-10.8
FR1 n25	SAR (W/kg)		0.294						0.383										
	Axis	82.8	201.2	-10.8				80.2	33.5	-10.8									
FR1 n66	SAR (W/kg)		0.417						0.327										
	Axis	83.0	202.0	-10.8				79.7	32.4	-10.8									
FR1 n70	SAR (W/kg)		0.402						0.306										
	Axis	82.3	202.4	-10.8				79.2	33.1	-10.8									
FR1 n41 HPUE	SAR (W/kg)		0.148			0.091			0.498									0.32	
	Axis	75.2	212.3	-10.8	28.0	209.3	-10.8	85.1	37.6	-10.8							104.6	78.2	-10.8
LTE Band 7	SAR (W/kg)					0.072													
	Axis				28.1	209.5	-10.8												
LTE Band 30	SAR (W/kg)					0.2			0.121										
	Axis				28.4	209.1	-10.8	86.2	38.2	-10.8									
FR1 n7	SAR (W/kg)					0.112													
	Axis				28.0	209.1	-10.8												
FR1 n30	SAR (W/kg)					0.195			0.416										
	Axis				28.0	210.1	-10.8	84.8	37.9	-10.8									
LTE Band 42 Part 27Q	SAR (W/kg)										0.383			0.152			0.253		
	Axis									99.2	74.0	-10.8	21.4	45.3	-10.8	43.5	36.8	-10.8	
LTE Band 48	SAR (W/kg)					0.173					0.259			0.157			0.36		
	Axis				44.6	211.9	-10.8			100.0	71.6	-10.8	20.2	44.4	-10.8	42.7	35.6	-10.8	
FR1 n48	SAR (W/kg)					0.243					0.265			0.158			0.378		
	Axis				44.7	211.8	-10.8			100.2	71.6	-10.8	20.7	44.7	-10.8	42.5	36.1	-10.8	
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.448					0.238			0.11			0.455		
	Axis				45.0	211.8	-10.8			100.1	72.6	-10.8	20.4	44.5	-10.8	42.2	36.1	-10.8	
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.516					0.177			0.149			0.354		
	Axis				44.6	212.0	-10.8			99.8	71.2	-10.8	20.3	44.0	-10.8	42.2	36.0	-10.8	
WLAN2.4GHz Ant3+5	SAR (W/kg)		0.237																
	Axis	13	54.9	-10.8															
WLAN5GHz Ant6+7	SAR (W/kg)							0.54											
	Axis							27.4	48.9	-10.8									
WLAN6GHz Ant6+7	SAR (W/kg)													0.16					
	Axis													48.9	38.1	-10.8			



Back																							
Band		Ant0			Ant 2			Ant 1			Ant4			Ant6			Ant7			Ant10			
GSM1900	SAR (W/kg)		0.756																				
	Axis	36.7	187.6	-10.8																			
WCDMA II	SAR (W/kg)		0.697						0.299														
	Axis	36.7	189.4	-10.8				38.39	38.24	-10.8													
WCDMA IV	SAR (W/kg)		0.346						0.149														
	Axis	37.0	189.2	-10.8				38.3	37.89	-10.8													
LTE Band 25	SAR (W/kg)		0.26						0.286														
	Axis	35.8	194.9	-10.8				36.9	34.6	-10.8													
LTE Band 26	SAR (W/kg)																						
	Axis																						
LTE Band 66	SAR (W/kg)		0.272						0.256														
	Axis	36.8	191.4	-10.8				37.5	37.69	-10.8													
LTE Band 41	SAR (W/kg)		0.163			0.148			0.141												0.271		
	Axis	34.6	178.2	-10.8	84.8	194.9	-10.8	36.9	39.1	-10.8										69.3	65.7	-10.8	
FR1 n25	SAR (W/kg)		0.274						0.447														
	Axis	36.4	190.7	-10.8				38.3	38.07	-10.8													
FR1 n66	SAR (W/kg)		0.265						0.33														
	Axis	36.5	191.4	-10.8				38.34	38.47	-10.8													
FR1 n70	SAR (W/kg)		0.251						0.309														
	Axis	36.7	189.7	-10.8				37.73	38.23	-10.8													
FR1 n41 HPUE	SAR (W/kg)		0.288			0.092			0.537												0.351		
	Axis	36.8	190.4	-10.8	83.5	195.6	-10.8	37.53	38.13	-10.8										66.8	64.2	-10.8	
LTE Band 7	SAR (W/kg)					0.077																	
	Axis				84.1	195.9	-10.8																
LTE Band 30	SAR (W/kg)					0.197			0.126														
	Axis				83.2	196.2	-10.8	38.17	37.92	-10.8													
FR1 n7	SAR (W/kg)					0.113																	
	Axis				82.1	196.4	-10.8																
FR1 n30	SAR (W/kg)					0.192			0.466														
	Axis				83.3	198.4	-10.8	38.2	38.43	-10.8													
LTE Band 42 Part 27Q	SAR (W/kg)										0.717			0.205			0.215						
	Axis									25	69.3	-10.8	95.6	46.5	-10.8	78.8	40.5	-10.8					
LTE Band 48	SAR (W/kg)					0.144					0.461			0.214			0.321						
	Axis				80.5	200.1	-10.8			24	67.5	-10.8	96.5	43.2	-10.8	80.2	38.6	-10.8					
FR1 n48	SAR (W/kg)					0.252					0.467			0.216			0.327						
	Axis				80.4	201.2	-10.8			23.5	66.5	-10.8	96.1	44.7	-10.8	79.6	39.4	-10.8					
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.304					0.405			0.142			0.326						
	Axis				80.6	199.8	-10.8			23.9	66.7	-10.8	96.7	43.8	-10.8	80.4	37.5	-10.8					
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.35					0.311			0.197			0.258						
	Axis				79.5	200.7	-10.8			23.4	64.8	-10.8	97	42.8	-10.8	81.5	38.1	-10.8					
WLAN2.4GHz Ant3+5	SAR (W/kg)	0.234				WLAN5GHz Ant6+7	SAR (W/kg)	0.527				WLAN6GHz Ant6+7	SAR (W/kg)	0.258									
	Axis	80	62.1	-10.8			Axis	89.6	54.9	-10.8			Axis	72.9	42.9	-10.8							



<Extremity>

Front																		
Band		Ant0			Ant2			Ant1			Ant4			Ant6			Ant7	
GSM1900	SAR (W/kg)		2.208															
	Axis	82.4	211.4	-10.8														
WCDMA II	SAR (W/kg)		3.173						1.958									
	Axis	82.6	212.2	-10.8				73.1	24.1	-10.8								
WCDMA IV	SAR (W/kg)		2.907						1.108									
	Axis	82.7	211.5	-10.8				73.5	23.8	-10.8								
LTE Band 25	SAR (W/kg)		2.526						2.424									
	Axis	82.4	205.7	-10.8				74	26.5	-10.8								
LTE Band 66	SAR (W/kg)		2.98						1.442									
	Axis	82.5	210.4	-10.8				73	25.4	-10.8								
FR1 n25	SAR (W/kg)		2.707						2.324									
	Axis	83.1	208.7	-10.8				89.1	30.2	-10.8								
FR1 n66	SAR (W/kg)		2.649						1.504									
	Axis	83.2	209.6	-10.8				88.7	30	-10.8								
FR1 n70	SAR (W/kg)		2.517						0.973									
	Axis	82.6	210.5	-10.8				89.6	30.8	-10.8								
FR1 n41 HPUE	SAR (W/kg)					2.861			1.782									
	Axis				30	198.2	-10.8	90.8	31	-10.8								
LTE Band 7	SAR (W/kg)					196.3												
	Axis				31	196.1	-10.8											
LTE Band 30	SAR (W/kg)					2.762			1.901									
	Axis				30.5	197.8	-10.8	87.5	30.5	-10.8								
FR1 n7	SAR (W/kg)					2.172												
	Axis				30.6	197.5	-10.8											
FR1 n30	SAR (W/kg)					2.475												
	Axis				30	197.4	-10.8											
LTE Band 42 Part 27Q	SAR (W/kg)					2.368					0.745							
	Axis				38.1	197.3	-10.8			100.4	43.2	-10.8						
LTE Band 48	SAR (W/kg)					0.995					2.265						2.308	
	Axis				38	198.6	-10.8			98.6	41.2	-10.8				41.2	38.6	-10.8
FR1 n48	SAR (W/kg)					1.284					0.937						1.674	
	Axis				37.5	199.9	-10.8			99.7	40.1	-10.8				40.1	37.9	-10.8
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.881					0.483			1.249			1.366	
	Axis				37.8	200	-10.8			100.1	41.9	-10.8	22.6	40.5	-10.8	41.7	40.5	-10.8
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.66					0.906			1.192			1.333	
	Axis				36	200.2	-10.8			100.3	42.1	-10.8	21.13	39.6	-10.8	40.5	38.1	-10.8

NFC	SAR (W/kg)	0.001		
	Axis	99.5	37.5	-10.8

WLAN5GHz Ant6+7	SAR (W/kg)	0.989		
	Axis	48.9	39.3	-10.8

WLAN6GHz Ant6+7	SAR (W/kg)	0.13		
	Axis	49.1	39.8	-10.8

Back																		
Band		Ant0			Ant2			Ant1			Ant4			Ant6			Ant7	
GSM1900	SAR (W/kg)		2.323															
	Axis	34.8	208.6	-10.8														
WCDMA II	SAR (W/kg)		3.188						1.907									

[illegible]

Left Side								
Band		Ant0			Ant4			Ant1
GSM1900	SAR (W/kg)	1.844						
	Axis	55	23.5	-10.8				
WCDMA II	SAR (W/kg)	2.732						
	Axis	54.6	22.1	-10.8				
WCDMA IV	SAR (W/kg)	3.084						
	Axis	55.2	23.4	-10.8				
LTE Band 25	SAR (W/kg)	1.8						
	Axis	53.7	25.3	-10.8				
LTE Band 66	SAR (W/kg)	3.11						
	Axis	54.2	21.4	-10.8				
LTE Band 41	SAR (W/kg)							1.169
	Axis						58.5	185.6 -10.8
FR1 n25	SAR (W/kg)	2.043						
	Axis	55.3	21.6	-10.8				
FR1 n66	SAR (W/kg)	3.196						
	Axis	55.1	21.7	-10.8				
FR1 n70	SAR (W/kg)	3.08						
	Axis	54.8	22.6	-10.8				
FR1 n41 HPUE	SAR (W/kg)							1.765
	Axis						58.6	188.6 -10.8
LTE Band 7	SAR (W/kg)							
	Axis							
LTE Band 30	SAR (W/kg)							1.124
	Axis						58.4	187.2 -10.8
LTE Band 42 Part 27Q	SAR (W/kg)				2.397			
	Axis				71.7	180.2	-10.8	
LTE Band 48	SAR (W/kg)				2.474			
	Axis				71.2	183.5	-10.8	
FR1 n48	SAR (W/kg)				2.418			
	Axis				70.9	184.6	-10.8	
FR1 n77 Part 27O HPUE	SAR (W/kg)				1.606			
	Axis				71.6	183.7	-10.8	
FR1 n77 Part 27Q HPUE	SAR (W/kg)				2.472			
	Axis				71	184.5	-10.8	
NFC	SAR (W/kg)	0.001			WLAN5GHz			SAR (W/kg) 0.097
	Axis	68.1	173.4	-10.8	Ant6+7			Axis 48.9 171 -10.8

Right Side									
Band		Ant2			Ant6			Ant7	
LTE Band 41	SAR (W/kg)		1.296						
	Axis	71.7	166.2	-10.8					
FR1 n41 HPUE	SAR (W/kg)		1.719						
	Axis	64.7	203.7	-10.8					
LTE Band 7	SAR (W/kg)		1.279						
	Axis	66.1	205.7	-10.8					
LTE Band 30	SAR (W/kg)		1.233						
	Axis	65.8	203.8	-10.8					
FR1 n7	SAR (W/kg)		1.532						
	Axis	67.9	204.2	-10.8					
FR1 n30	SAR (W/kg)		1.132						
	Axis	64.8	205.1	-10.8					
LTE Band 42 Part 27Q	SAR (W/kg)		2.952			2.073			
	Axis	65.7	204.1	-10.8	70.5	20.9	-10.8		
LTE Band 48	SAR (W/kg)		0.857			1.805			
	Axis	64.1	202.8	-10.8	71.2	19.1	-10.8		
FR1 n48	SAR (W/kg)		1.04			1.842			
	Axis	63.5	204.7	-10.8	71.5	18.2	-10.8		
FR1 n77 Part 27O HPUE	SAR (W/kg)					1.352		0.258	
	Axis				70.8	20.7	-10.8	68.7	26.3
FR1 n77 Part 27Q HPUE	SAR (W/kg)		1.027			2.635		0.319	
	Axis	63.2	203.5	-10.8	71.1	20.6	-10.8	68.1	25.3

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.44		
	Axis	69.3	20.6	-10.8

WLAN5GHz Ant6+7	SAR (W/kg)	0.67		
	Axis	68.8	26.2	-10.8

WLAN6GHz Ant6+7	SAR (W/kg)	0.158		
	Axis	68.8	26.2	-10.8

NFC	SAR (W/kg)	0.001		
	Axis	66.1	20.2	-10.8

<Sensor off>

Front									
Band		Ant0			Ant1			Ant4	
GSM850	SAR (W/kg)								
	Axis								
GSM1900	SAR (W/kg)								
	Axis								
WCDMA II	SAR (W/kg)		2.058			0.497			
	Axis	82.6	212.2	-10.8	73.1	24.1	-10.8		
WCDMA IV	SAR (W/kg)		1.971			0.435			
	Axis	82.7	211.5	-10.8	73.5	23.8	-10.8		
WCDMA V	SAR (W/kg)								
	Axis								
LTE Band 71	SAR (W/kg)								
	Axis								
LTE Band 12	SAR (W/kg)								
	Axis								
LTE Band 13	SAR (W/kg)								
	Axis								
LTE Band 14	SAR (W/kg)								
	Axis								
LTE Band 25	SAR (W/kg)		1.692			0.183			
	Axis	82.4	205.7	-10.8	74	26.5	-10.8		
LTE Band 26	SAR (W/kg)								



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WLAN5GHz Ant6+7	SAR (W/kg)	0.799		
	Axis	48.9	39.3	-10.8

18. Supplemental Tuner Tests Results

General Note:

1. This device implements impedance tuner antenna tuning techniques, and the number of supported tune codes is different for each frequency band as shown in the following table.

Antenna	Band	Number of tune states
Ant 0 (LB)	LTE Band 5/12/13/14/17/26/71 n5/12/14/26/71	465
Ant 0 (MB)	LTE Band 2/4/25/66 n2/25/66/70	459

2. LTE B17 / B5 / B4 / B2 SAR test was covered by LTE B12 / B26 / B66 / B25; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced.
3. 5GNR n2/ n5 SAR test was covered by 5GNR n25 / n26; according to April 2015 TCB workshop, SAR test for overlapping NR bands can be reduced.
4. SAR is measured according to required procedures for each mode of operation with the dynamic tuner active, allowing the DUT to automatically tune and find the best impedance match. The auto-tune state determined by device during normal SAR measurement shall be verified and listed in the reported SAR results. This process is based on single point SAR evaluations to verify that the conditions leading to the largest SAR have been captured. The SAR probe shall remain stationary for the entire series of measurements. The functionality of the tuner configurations is checked to ensure that the tuned state corresponds to the maximum SAR for that particular transmission configuration.
5. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
6. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).
7. Per 2024, October TCBC Workshop titled "RF Exposure Updates", the following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions.
 - 1) The auto-tune is turned off, a different tune state (randomly, at least one) is selected, and the single SAR variation is recorded.
 - 2) The new value is expected to be less or equal to previously recorded max. SAR, within applicable tolerance margin)
 - 3) If the new value is larger than the previously recorded max. SAR (beyond the documented tolerance), then the auto-tune feature is deemed not suitable for compliance. The procedure and/or system may need to be rechecked to yield consistent results.
 - 4) The auto-tune is turned back on, and the previous maximum SAR value shall be recovered (documented tolerance is acceptable)
8. The operational decryption contains more information about the design and implementation of the dynamic antenna tuning.

18.1 Supplemental Tuner Head & Body SAR Results

Please refer to Appendix G.

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19. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

20. References

- [1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"
- [2] ANSI/IEEE Std. C95.1-1992, "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz", September 1992
- [3] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
- [4] SPEAG DASY System Handbook
- [5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
- [7] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [8] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [9] FCC KDB 616217 D04 v01r02, "SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers", Oct 2015
- [10] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
- [11] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [12] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [13] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [14] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015

Appendixes

Please refer to separated files for the following appendixes

Appendix A. Plots of System Performance Check

Appendix B. Plots of High SAR Measurement

Appendix C. DASY Calibration Certificate

Appendix D. Test Setup Photos

Appendix E. Conducted RF Output Power Table

Appendix F. Power measurement connection diagram and CA Conducted RF Output Power Table

Appendix G. Supplemental Tuner SAR Results

Appendix H. Power reduction mechanism verification

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