



FCC SAR Test Report

Report No. : FA230408

	Edge 3	0.785	0.707		1.225		0.002		1.49	2.01	66
	Edge 4		0.758	0.282	0.668	0.181	0.002		1.04	0.85	
FR1 n77 Part27Q Ant 4	Bottom Face	0.815	0.667	0.610	0.650	0.664	0.007	0.023	2.12	2.16	67/68
	Edge 1			0.333		0.632	0.002	0.006	0.34	0.64	
	Edge 2	0.028					0.004	0.001	0.03	0.03	
	Edge 3	0.763	0.707		1.225		0.002		1.47	1.99	69
	Edge 4		0.758	0.282	0.668	0.181	0.002		1.04	0.85	
FR1 n77 Part27O Ant 5	Bottom Face	0.284	0.667	0.610	0.650	0.664	0.007	0.023	1.58	1.63	70
	Edge 1			0.333		0.632	0.002	0.006	0.34	0.64	
	Edge 2						0.004	0.001	0.00	0.01	
	Edge 3	0.270	0.707		1.225		0.002		0.98	1.50	
	Edge 4	0.016	0.758	0.282	0.668	0.181	0.002		1.06	0.87	
FR1 n77 Part27Q Ant 5	Bottom Face	0.285	0.667	0.610	0.650	0.664	0.007	0.023	1.59	1.63	71
	Edge 1			0.333		0.632	0.002	0.006	0.34	0.64	
	Edge 2						0.004	0.001	0.00	0.01	
	Edge 3	0.342	0.707		1.225		0.002		1.05	1.57	
	Edge 4	0.008	0.758	0.282	0.668	0.181	0.002		1.05	0.86	



WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2+3+7	1+4+5+6+7
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN5GHz Ant 6	WLAN5GHz Ant 7	Bluetooth Ant 6	NFC Ant 9	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
750MHz Ant 0	Bottom Face at 18mm	0.477	0.242	0.100	0.111	0.192	0.007	0.023	0.84	0.81
	Edge 1 at 2mm	0.567		0.353		0.495	0.002	0.006	0.93	1.07
	Edge 4 at 20mm	0.150	0.127	0.022	0.154	0.010	0.002		0.30	0.32
835MHz Ant 0	Bottom Face at 18mm	0.468	0.242	0.100	0.111	0.192	0.007	0.023	0.83	0.80
	Edge 1 at 2mm	0.596		0.353		0.495	0.002	0.006	0.96	1.10
	Edge 4 at 20mm	0.165	0.127	0.022	0.154	0.010	0.002		0.31	0.33
835MHz Ant 2	Bottom Face at 17mm	0.246	0.337	0.123	0.121	0.236	0.007	0.023	0.73	0.63
	Edge 4 at 17mm	0.098	0.222	0.059	0.168	0.021	0.002		0.38	0.29
1750MHz Ant 0	Bottom Face at 18mm	0.695	0.242	0.100	0.111	0.192	0.007	0.023	1.06	1.03
	Edge 1 at 2mm	0.590		0.353		0.495	0.002	0.006	0.95	1.09
	Edge 4 at 20mm	0.171	0.127	0.022	0.154	0.010	0.002		0.32	0.34
1750MHz Ant 2	Bottom Face at 17mm	0.672	0.337	0.123	0.121	0.236	0.007	0.023	1.16	1.06
	Edge 4 at 17mm	0.443	0.222	0.059	0.168	0.021	0.002		0.72	0.63
1900MHz Ant 0	Bottom Face at 18mm	0.645	0.242	0.100	0.111	0.192	0.007	0.023	1.01	0.98
	Edge 1 at 2mm	0.623		0.353		0.495	0.002	0.006	0.98	1.13
	Edge 4 at 20mm	0.185	0.127	0.022	0.154	0.010	0.002		0.33	0.35
1900MHz Ant 2	Bottom Face at 17mm	0.621	0.337	0.123	0.121	0.236	0.007	0.023	1.10	1.01
	Edge 4 at 17mm	0.797	0.222	0.059	0.168	0.021	0.002		1.08	0.99
2600MHz Ant 0	Bottom Face at 18mm	0.584	0.242	0.100	0.111	0.192	0.007	0.023	0.95	0.92
	Edge 1 at 2mm	0.558		0.353		0.495	0.002	0.006	0.92	1.06
	Edge 4 at 20mm	0.892	0.127	0.022	0.154	0.010	0.002		1.04	1.06
2600MHz Ant 2	Bottom Face at 17mm	0.934	0.337	0.123	0.121	0.236	0.007	0.023	1.42	1.32
	Edge 4 at 17mm	0.957	0.222	0.059	0.168	0.021	0.002		1.24	1.15
3500MHz-3900MHz Ant 3	Edge 1 at 2mm	0.005		0.353		0.124	0.002	0.006	0.36	0.14
	Bottom Face at 18mm	1.104	0.242	0.100	0.111	0.192	0.007	0.023	1.47	1.44
	Edge 4 at 20mm	0.956	0.127	0.022	0.154	0.010	0.002		1.11	1.12

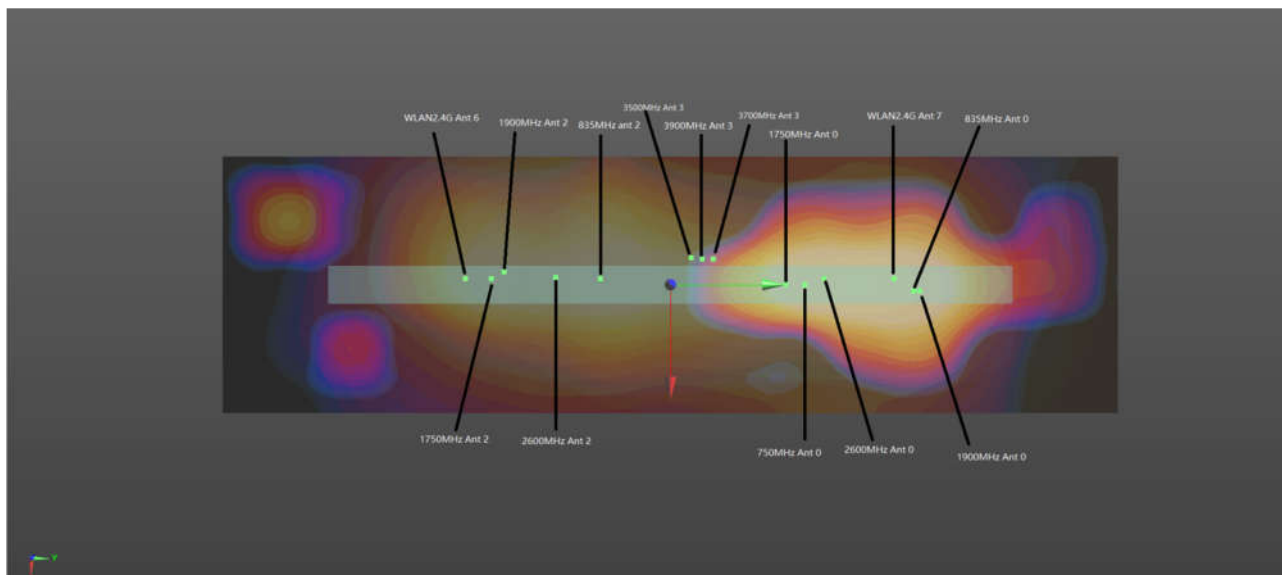
WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2+3+7	1+4+5+6+7
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN5GHz Ant 6	WLAN5GHz Ant 7	Bluetooth Ant 6	NFC Ant 9	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
750MHz Ant 0	Bottom Face at 17mm	0.368	0.337	0.123	0.121	0.236	0.007	0.023	0.85	0.76
	Edge 4 at 13mm	0.148	0.557	0.119	0.214	0.063	0.002		0.82	0.43
835MHz Ant 0	Bottom Face at 17mm	0.353	0.337	0.123	0.121	0.236	0.007	0.023	0.84	0.74
	Edge 4 at 13mm	0.100	0.557	0.119	0.214	0.063	0.002		0.78	0.38
835MHz Ant 2	Bottom Face at 17mm	0.246	0.337	0.123	0.121	0.236	0.007	0.023	0.73	0.63
	Edge 4 at 13mm	0.073	0.557	0.119	0.214	0.063	0.002		0.75	0.35
1750MHz Ant 0	Bottom Face at 17mm	0.397	0.337	0.123	0.121	0.236	0.007	0.023	0.88	0.78
	Edge 4 at 13mm	0.125	0.557	0.119	0.214	0.063	0.002		0.80	0.40
1750MHz Ant 2	Bottom Face at 17mm	0.672	0.337	0.123	0.121	0.236	0.007	0.023	1.16	1.06
	Edge 4 at 13mm	0.295	0.557	0.119	0.214	0.063	0.002		0.97	0.57
1900MHz Ant 0	Bottom Face at 17mm	0.317	0.337	0.123	0.121	0.236	0.007	0.023	0.80	0.70
	Edge 4 at 13mm	0.091	0.557	0.119	0.214	0.063	0.002		0.77	0.37
1900MHz Ant 2	Bottom Face at 17mm	0.621	0.337	0.123	0.121	0.236	0.007	0.023	1.10	1.01
	Edge 4 at 13mm	0.437	0.557	0.119	0.214	0.063	0.002		1.11	0.72
2600MHz Ant 0	Bottom Face at 17mm	0.275	0.337	0.123	0.121	0.236	0.007	0.023	0.76	0.66
	Edge 4 at 13mm	0.506	0.557	0.119	0.214	0.063	0.002		1.18	0.79
2600MHz Ant 2	Bottom Face at 17mm	0.934	0.337	0.123	0.121	0.236	0.007	0.023	1.42	1.32
	Edge 4 at 13mm	0.402	0.557	0.119	0.214	0.063	0.002		1.08	0.68
3500MHz-3900MHz Ant 3	Bottom Face at 17mm	0.268	0.337	0.123	0.121	0.236	0.007	0.023	0.75	0.66
	Edge 4 at 13mm	0.417	0.557	0.119	0.214	0.063	0.002		1.09	0.70

WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2+3+7	1+4+5+6+7
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN5GHz Ant 6	WLAN5GHz Ant 7	Bluetooth Ant 6	NFC Ant 9	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
750MHz Ant 0	Bottom Face at 16mm	0.402	0.301	0.707	0.212	0.249	0.007	0.023	1.43	0.89
	Edge 1 at 10mm	0.159		0.614		0.750	0.002	0.006	0.78	0.92
835MHz Ant 0	Bottom Face at 16mm	0.385	0.301	0.707	0.212	0.249	0.007	0.023	1.42	0.88
	Edge 1 at 10mm	0.165		0.614		0.750	0.002	0.006	0.79	0.92
835MHz Ant 2	Bottom Face at 16mm	0.211	0.301	0.707	0.212	0.249	0.007	0.023	1.24	0.70
	Edge 1 at 10mm			0.614		0.750	0.002	0.006	0.62	0.76
1750MHz Ant 0	Bottom Face at 16mm	0.434	0.301	0.707	0.212	0.249	0.007	0.023	1.47	0.93
	Edge 1 at 10mm	0.319		0.614		0.750	0.002	0.006	0.94	1.08
1750MHz Ant 2	Bottom Face at 16mm	0.369	0.301	0.707	0.212	0.249	0.007	0.023	1.40	0.86
	Edge 1 at 10mm			0.614		0.750	0.002	0.006	0.62	0.76
1900MHz Ant 0	Bottom Face at 16mm	0.331	0.301	0.707	0.212	0.249	0.007	0.023	1.36	0.82
	Edge 1 at 10mm	0.330		0.614		0.750	0.002	0.006	0.95	1.09
1900MHz Ant 2	Bottom Face at 16mm	0.337	0.301	0.707	0.212	0.249	0.007	0.023	1.37	0.83
	Edge 1 at 10mm			0.614		0.750	0.002	0.006	0.62	0.76
2600MHz Ant 0	Bottom Face at 16mm	0.293	0.301	0.707	0.212	0.249	0.007	0.023	1.32	0.78
	Edge 1 at 10mm	0.504		0.614		0.750	0.002	0.006	1.12	1.26
2600MHz Ant 2	Bottom Face at 16mm	0.493	0.301	0.707	0.212	0.249	0.007	0.023	1.52	0.98
	Edge 1 at 10mm			0.614		0.750	0.002	0.006	0.62	0.76
3500MHz-3900MHz Ant 3	Bottom Face at 16mm	0.294	0.301	0.707	0.212	0.249	0.007	0.023	1.33	0.79
	Edge 1 at 10mm	0.001		0.614		0.750	0.002	0.006	0.62	0.76

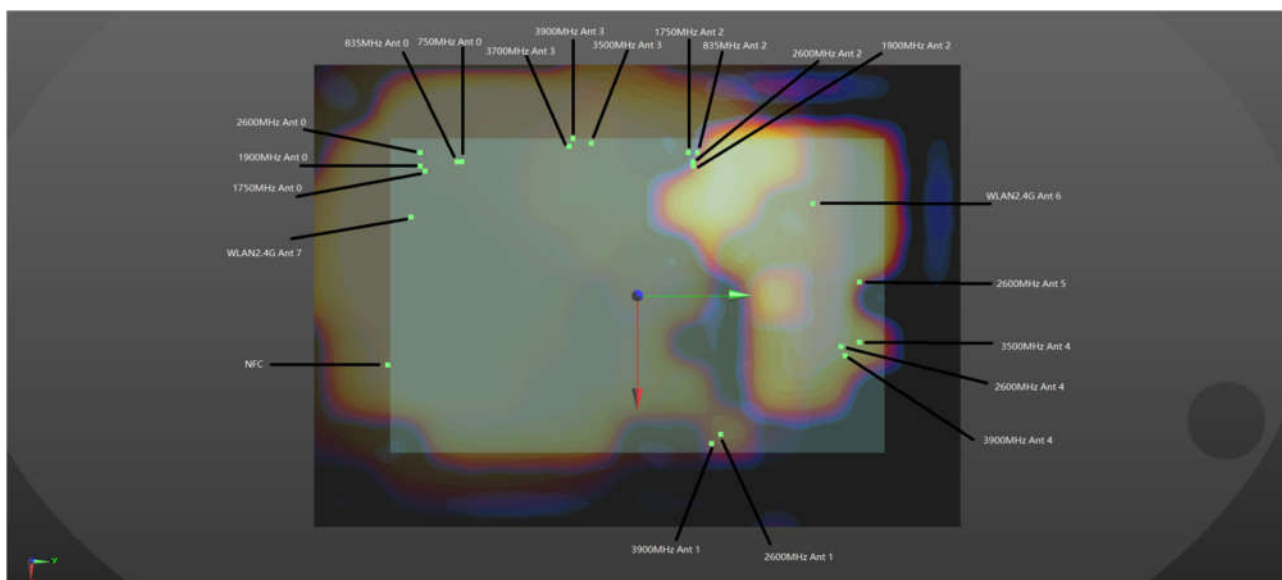
17.3 SPLSR Evaluation and Analysis

General Note:

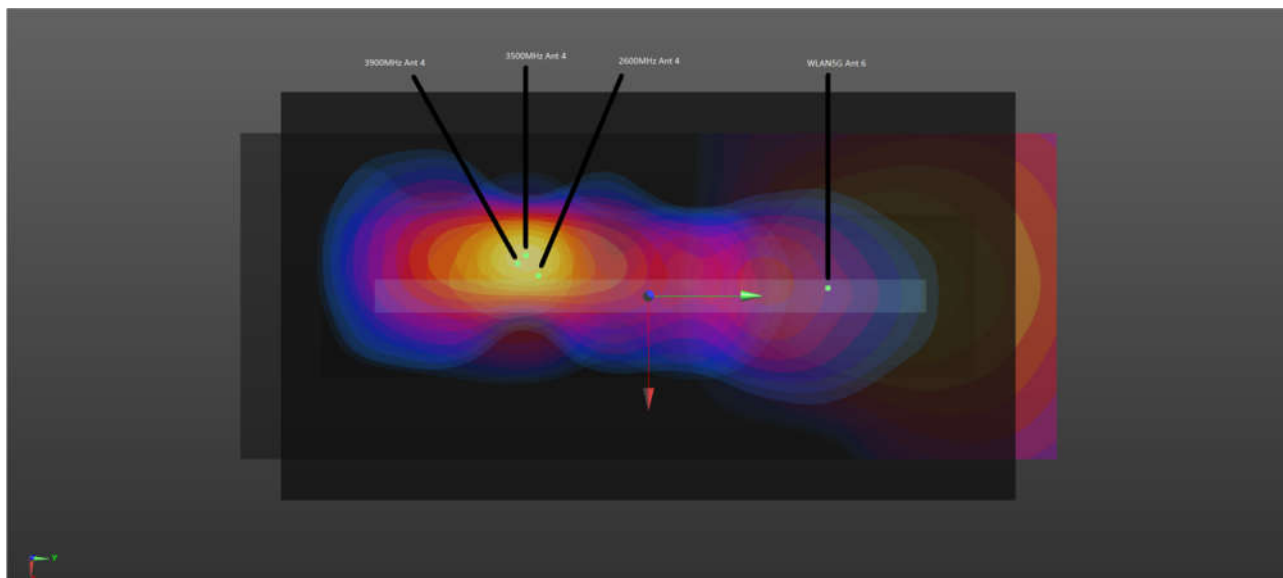
1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of $[(x_1-x_2)^2 + (y_1-y_2)^2 + (z_1-z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. $SPLSR = (SAR_1 + SAR_2)1.5 / (\text{min. separation distance, mm})$. If $SPLSR \leq 0.04$ for 1g SAR, simultaneously transmission SAR measurement is not necessary.



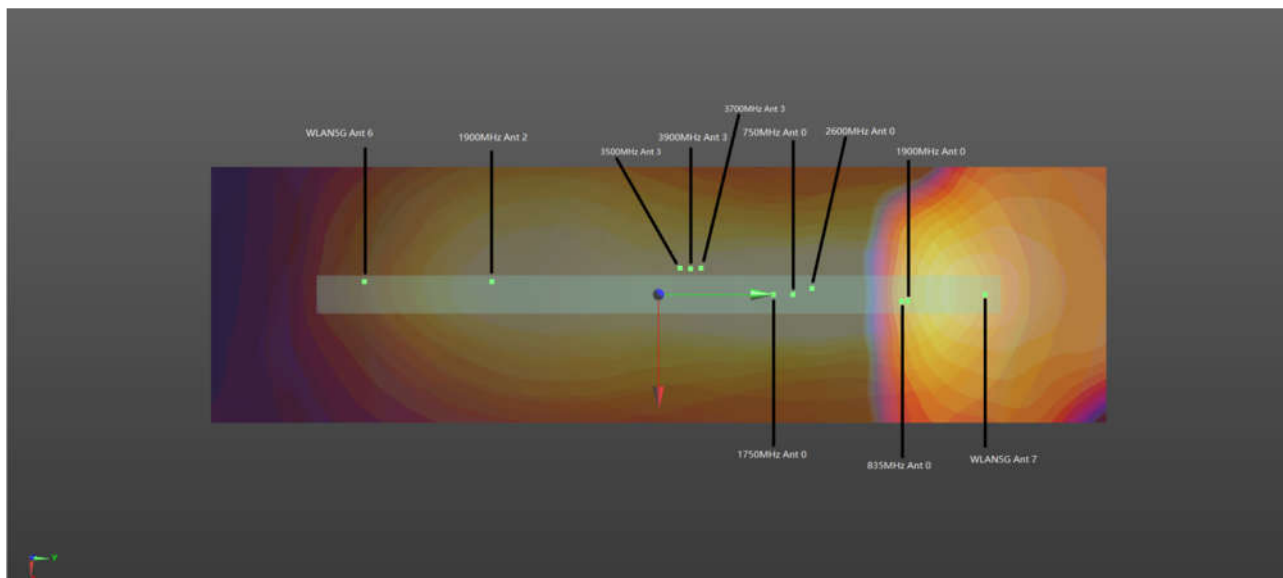
WWAN+WLAN2.4G Ant6+WLAN2.4G Ant7_Edge 4 0mm



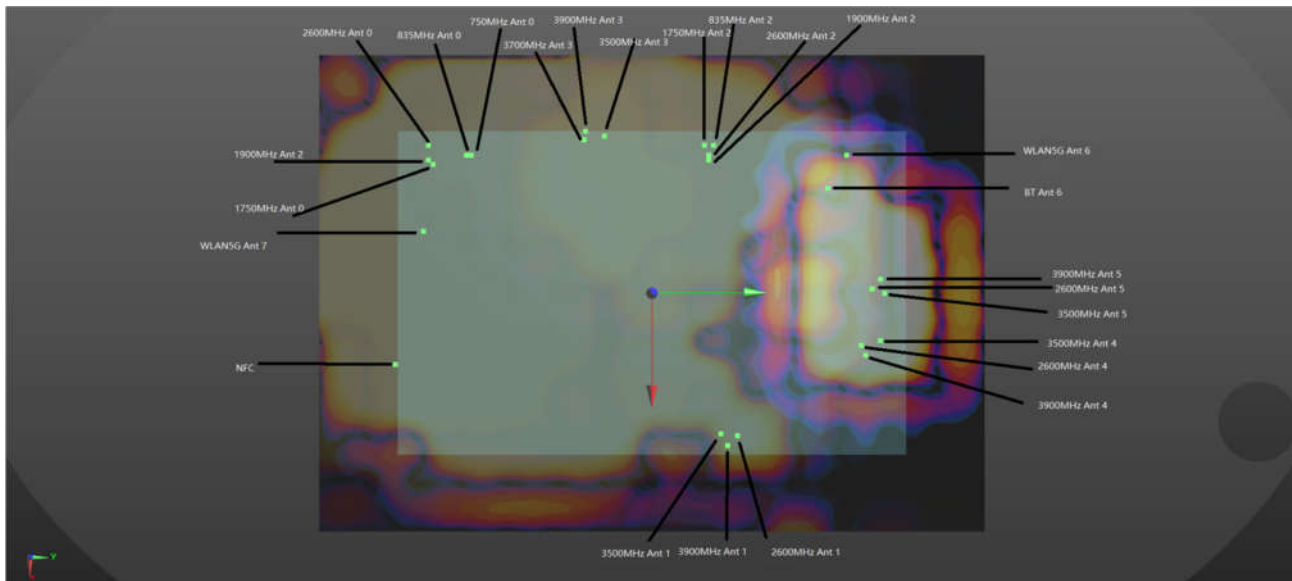
WWAN+WLAN2.4G Ant6+WLAN2.4G Ant7+NFC_Bottom Face 0mm



WWAN+WLAN5G Ant6+BT_Edge 3 0mm



WWAN+WLAN5G Ant6+WLAN5G Ant7+BT_Edge 4 0mm


WWAN+WLAN5G Ant6+WLAN5G Ant7+NFC+BT_Bottom Face 0mm

	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case 1	LTE Band 2 Ant 2	Bottom Face	1.234	0	-80.22	6.45	-1.16	92.2	1.90	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 2 Ant 2	Bottom Face	1.234	0	-80.22	6.45	-1.16	121.9	1.84	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 2 Ant 2	Bottom Face	1.234	0	-80.22	6.45	-1.16	111.0	1.26	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 2	LTE Band 2 Ant 2	Bottom Face	1.234	0	-80.22	6.45	-1.16	75.3	1.89	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 2 Ant 2	Bottom Face	1.234	0	-80.22	6.45	-1.16	121.1	1.90	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	LTE Band 2 Ant 2	Bottom Face	1.234	0	-80.22	6.45	-1.16	111.0	1.26	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 3	LTE Band 2 Ant 2	Edge 4	1.022	0	-4.83	-22.06	0.28	68.2	1.78	0.03	Not required



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	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	92.2	1.30	0.02	Not required
	LTE Band 2 Ant 2		1.022	0	-4.83	-22.06	0.28				
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 4	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 2 Ant 2	Edge 4	1.022	0	-4.83	-22.06	0.28	73.7	1.69	0.03	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	LTE Band 2 Ant 2	Edge 4	1.022	0	-4.83	-22.06	0.28	129.3	1.20	0.01	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 5	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 5 Ant 2	Bottom Face	1.176	0	-56	6	0.21	87.6	1.84	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 5 Ant 2	Bottom Face	1.176	0	-56	6	0.21	113.8	1.79	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 5 Ant 2	Bottom Face	1.176	0	-56	6	0.21	93.5	1.20	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 6	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 5 Ant 2	Bottom Face	1.176	0	-56	6	0.21	71.0	1.83	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 5 Ant 2	Bottom Face	1.176	0	-56	6	0.21	112.0	1.84	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	LTE Band 5 Ant 2	Bottom Face	1.176	0	-56	6	0.21	93.5	1.20	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 7	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 5 Ant 2	Edge 4	0.654	0	-4	-5.11	0.21	85.0	1.41	0.02	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	LTE Band 5 Ant 2	Edge 4	0.654	0	-4	-5.11	0.21	75.3	0.94	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 8	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR



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	LTE Band 7 Ant 0	Bottom Face	0.48	0	-60.53	-71.9	1.03	165.6	1.15	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 7 Ant 0	Bottom Face	0.48	0	-60.53	-71.9	1.03	44.5	1.09	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 7 Ant 0	Bottom Face	0.48	0	-60.53	-71.9	1.03	65.2	0.50	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 9	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 7 Ant 0	Bottom Face	0.48	0	-60.53	-71.9	1.03	149.0	1.14	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 7 Ant 0	Bottom Face	0.48	0	-60.53	-71.9	1.03	62.9	1.14	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-125	1.4				
	LTE Band 7 Ant 0		0.48	0	-60.53	-71.9	1.03	65.2	0.50	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 10	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 7 Ant 0	Edge 4	0.601	0	-0.55	50.76	0.39	140.7	1.64	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 11	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 7 Ant 2	Bottom Face	1.255	0	-81.3	6	0.24	92.9	1.92	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 7 Ant 2	Bottom Face	1.255	0	-81.3	6	0.24	121.9	1.87	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 7 Ant 2	Bottom Face	1.255	0	-81.3	6	0.24	111.5	1.28	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 12	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 7 Ant 2	Bottom Face	1.255	0	-81.3	6	0.24	76.1	1.91	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 7 Ant 2	Bottom Face	1.255	0	-81.3	6	0.24	141.9	1.92	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-125	1.4				
	LTE Band 7 Ant 2		1.255	0	-81.3	6	0.24	111.5	1.28	0.01	Not required



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	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 13	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 7 Ant 2	Edge 4	0.663	0	-4	-5.11	0.21	85.0	1.42	0.02	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	LTE Band 7 Ant 2	Edge 4	0.663	0	-4	-5.11	0.21	75.3	0.95	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 14	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 12 Ant 0	Bottom Face	0.596	0	-64.79	-69.84	2.14	163.9	1.26	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 12 Ant 0	Bottom Face	0.596	0	-64.79	-69.84	2.14	49.0	1.21	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 12 Ant 0	Bottom Face	0.596	0	-64.79	-69.84	2.14	69.3	0.62	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 15	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 12 Ant 0	Bottom Face	0.596	0	-64.79	-69.84	2.14	147.2	1.25	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 12 Ant 0	Bottom Face	0.596	0	-64.79	-69.84	2.14	49.9	1.26	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	LTE Band 12 Ant 0	Bottom Face	0.596	0	-64.79	-69.84	2.14	69.3	0.62	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 16	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 12 Ant 0	Edge 4	0.814	0	0.78	49.72	2.21	139.6	1.85	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 17	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 12 Ant 0	Edge 4	0.814	0	0.78	49.72	2.21	145.5	1.48	0.01	Not required



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	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	LTE Band 12 Ant 0	Edge 4	0.814	0	0.78	49.72	2.21	57.4	1.00	0.02	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 18	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 13 Ant 0	Bottom Face	0.594	0	-64.31	-70.73	3.42	164.7	1.26	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 13 Ant 0	Bottom Face	0.594	0	-64.31	-70.73	3.42	48.1	1.20	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 13 Ant 0	Bottom Face	0.594	0	-64.31	-70.73	3.42	68.9	0.62	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 19	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 13 Ant 0	Bottom Face	0.594	0	-64.31	-70.73	3.42	148.1	1.25	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 13 Ant 0	Bottom Face	0.594	0	-64.31	-70.73	3.42	66.0	1.26	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-125	1.4				
	LTE Band 13 Ant 0	Bottom Face	0.594	0	-64.31	-70.73	3.42	68.9	0.62	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 20	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 13 Ant 0	Edge 4	0.666	0	1.8	49.82	1.51	139.7	1.71	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 21	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 14 Ant 0	Bottom Face	0.617	0	-64.5	-71.55	-0.12	165.6	1.28	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 14 Ant 0	Bottom Face	0.617	0	-64.5	-71.55	-0.12	47.5	1.23	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 14 Ant 0	Bottom Face	0.617	0	-64.5	-71.55	-0.12	69.1	0.64	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required



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	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 22	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 14 Ant 0	Bottom Face	0.617	0	-64.5	-71.55	-0.12	148.9	1.27	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 14 Ant 0	Bottom Face	0.617	0	-64.5	-71.55	-0.12	65.4	1.28	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-125	1.4				
	LTE Band 14 Ant 0	Bottom Face	0.617	0	-64.5	-71.55	-0.12	69.1	0.64	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 23	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 14 Ant 0	Edge 4	0.686	0	0.48	52.48	0.75	142.4	1.73	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 24	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 71 Ant 0	Bottom Face	0.608	0	-65.88	-69.56	0.03	163.7	1.28	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 71 Ant 0	Bottom Face	0.608	0	-65.88	-69.56	0.03	49.9	1.22	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 71 Ant 0	Bottom Face	0.608	0	-65.88	-69.56	0.03	70.3	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 25	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 71 Ant 0	Bottom Face	0.608	0	-65.88	-69.56	0.03	147.0	1.27	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 71 Ant 0	Bottom Face	0.608	0	-65.88	-69.56	0.03	50.9	1.27	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	LTE Band 71 Ant 0	Bottom Face	0.608	0	-65.88	-69.56	0.03	70.3	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 26	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR



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	LTE Band 71 Ant 0	Edge 4	1.073	0	-0.15	53.82	-0.7	143.8	2.11	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 27	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 71 Ant 0	Edge 4	1.073	0	-0.15	53.82	-0.7	149.6	1.74	0.02	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	LTE Band 71 Ant 0	Edge 4	1.073	0	-0.15	53.82	-0.7	53.3	1.25	0.03	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
Case 28	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 26 Ant 0	Bottom Face	0.547	0	-67.38	-74.69	2.48	169.0	1.21	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 26 Ant 0	Bottom Face	0.547	0	-67.38	-74.69	2.48	47.6	1.16	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 26 Ant 0	Bottom Face	0.547	0	-67.38	-74.69	2.48	72.3	0.57	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 29	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 26 Ant 0	Bottom Face	0.547	0	-67.38	-74.69	2.48	152.3	1.20	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 26 Ant 0	Bottom Face	0.547	0	-67.38	-74.69	2.48	64.7	1.21	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-125	1.4				
	LTE Band 26 Ant 0	Bottom Face	0.547	0	-67.38	-74.69	2.48	72.3	0.57	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 30	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 26 Ant 0	Edge 4	0.568	0	0.67	43.95	-0.22	133.9	1.33	0.01	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	LTE Band 26 Ant 0	Edge 4	0.568	0	0.67	43.95	-0.22	26.3	0.85	0.03	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 31	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 66 Ant 0	Bottom Face	0.602	0	-62.21	-71.88	0.1	165.7	1.27	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				



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	LTE Band 66 Ant 0	Bottom Face	0.602	0	-62.21	-71.88	0.1	45.6	1.21	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 66 Ant 0	Bottom Face	0.602	0	-62.21	-71.88	0.1	66.8	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 32	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 66 Ant 0	Bottom Face	0.602	0	-62.21	-71.88	0.1	149.1	1.26	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 66 Ant 0	Bottom Face	0.602	0	-62.21	-71.88	0.1	63.9	1.27	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-125	1.4				
	LTE Band 66 Ant 0	Bottom Face	0.602	0	-62.21	-71.88	0.1	66.8	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 33	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 66 Ant 2	Bottom Face	1.257	0	-74.6	4.16	2.41	92.6	1.92	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 66 Ant 2	Bottom Face	1.257	0	-74.6	4.16	2.41	117.6	1.87	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 66 Ant 2	Bottom Face	1.257	0	-74.6	4.16	2.41	105.3	1.28	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 34	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 66 Ant 2	Bottom Face	1.257	0	-74.6	4.16	2.41	75.8	1.91	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 66 Ant 2	Bottom Face	1.257	0	-74.6	4.16	2.41	116.6	1.92	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	LTE Band 66 Ant 2	Bottom Face	1.257	0	-74.6	4.16	2.41	105.3	1.28	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				



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	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 35	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 66 Ant 2	Edge 4	0.774	0	-1.67	-31	0.21	59.1	1.53	0.03	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	LTE Band 66 Ant 2	Edge 4	0.774	0	-1.67	-31	0.21	101.1	1.06	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 36	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 66 Ant 2	Edge 4	0.774	0	-1.67	-31	0.21	64.8	1.44	0.03	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	LTE Band 66 Ant 2	Edge 4	0.774	0	-1.67	-31	0.21	138.1	0.96	0.01	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 37	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 25 Ant 0	Bottom Face	0.651	0	-61.53	-66.94	-1.13	160.7	1.32	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 25 Ant 0	Bottom Face	0.651	0	-61.53	-66.94	-1.13	48.9	1.26	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 25 Ant 0	Bottom Face	0.651	0	-61.53	-66.94	-1.13	65.8	0.67	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 38	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 25 Ant 0	Bottom Face	0.651	0	-61.53	-66.94	-1.13	144.1	1.31	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 25 Ant 0	Bottom Face	0.651	0	-61.53	-66.94	-1.13	49.5	1.32	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	LTE Band 25 Ant 0	Bottom Face	0.651	0	-61.53	-66.94	-1.13	65.8	0.67	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 39	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 25 Ant 0	Edge 4	1.028	0	0.64	34.48	-0.11	124.4	2.07	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				



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	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case 40	LTE Band 25 Ant 0	Edge 4	1.028	0	0.64	34.48	-0.11	130.3	1.70	0.02	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	LTE Band 25 Ant 0	Edge 4	1.028	0	0.64	34.48	-0.11	72.6	1.21	0.02	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 41	LTE Band 38 Ant 0	Bottom Face	0.567	0	-59.02	-81.5	1.75	175.1	1.23	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 38 Ant 0	Bottom Face	0.567	0	-59.02	-81.5	1.75	36.8	1.18	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 38 Ant 0	Bottom Face	0.567	0	-59.02	-81.5	1.75	65.4	0.59	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 42	LTE Band 38 Ant 0	Bottom Face	0.567	0	-59.02	-81.5	1.75	158.5	1.22	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 38 Ant 0	Bottom Face	0.567	0	-59.02	-81.5	1.75	54.1	1.23	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-125	1.4				
	LTE Band 38 Ant 0	Bottom Face	0.567	0	-59.02	-81.5	1.75	65.4	0.59	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 43	LTE Band 38 Ant 0	Edge 4	0.58	0	-1.88	50.16	0.43	139.2	1.62	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-2	70	0.56				
	WLAN2.4GHz Ant 6		0.758	0	2	-89	0.31				
Case 44	LTE Band 41 Ant 2	Bottom Face	1.257	0	-76.54	4.38	2	93.0	1.92	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 41 Ant 2	Bottom Face	1.257	0	-76.54	4.38	2	118.5	1.87	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 41 Ant 2	Bottom Face	1.257	0	-76.54	4.38	2	106.9	1.28	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				

	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 45	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 41 Ant 2	Bottom Face	1.257	0	-76.54	4.38	2	76.1	1.91	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 41 Ant 2	Bottom Face	1.257	0	-76.54	4.38	2	117.6	1.92	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	LTE Band 41 Ant 2	Bottom Face	1.257	0	-76.54	4.38	2	106.9	1.28	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 46	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 41 Ant 2	Edge 4	0.903	0	0.41	-39.12	2.08	109.3	1.94	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 47	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 41 Ant 2	Edge 4	0.903	0	0.41	-39.12	2.08	56.7	1.57	0.03	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	LTE Band 41 Ant 2	Edge 4	0.903	0	0.41	-39.12	2.08	146.2	1.08	0.01	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 48	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 48 Ant 3	Bottom Face	0.559	0	-37.82	-24	-1.67	117.9	1.23	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 48 Ant 3	Bottom Face	0.559	0	-37.82	-24	-1.67	81.2	1.17	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 48 Ant 3	Bottom Face	0.559	0	-37.82	-24	-1.67	59.1	0.58	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 49	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 48 Ant 3	Bottom Face	0.559	0	-37.82	-24	-1.67	102.2	1.22	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 48 Ant 3	Bottom Face	0.559	0	-37.82	-24	-1.67	79.0	1.22	0.02	Not required



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	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	59.1	0.58	0.01	Not required
	LTE Band 48 Ant 3		0.559	0	-37.82	-24	-1.67				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 50	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 48 Ant 3	Edge 4	1.253	0	-0.32	12.52	4	102.5	2.01	0.03	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	LTE Band 48 Ant 3	Edge 4	1.253	0	-0.32	12.52	4	57.7	1.54	0.03	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 51	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 48 Ant 3	Edge 4	1.253	0	-0.32	12.52	4	108.3	1.92	0.02	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	LTE Band 48 Ant 3	Edge 4	1.253	0	-0.32	12.52	4	94.6	1.43	0.02	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				

Case 52	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 5 Ant 0	Bottom Face	0.639	0	-58	-76	2.33	169.5	1.31	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	LTE Band 5 Ant 0	Bottom Face	0.639	0	-58	-76	2.33	39.9	1.25	0.04	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	LTE Band 5 Ant 0	Bottom Face	0.639	0	-58	-76	2.33	63.3	0.66	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 53	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 5 Ant 0	Bottom Face	0.639	0	-58	-76	2.33	163.9	1.29	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	LTE Band 5 Ant 0	Bottom Face	0.639	0	-58	-76	2.33	40.7	1.30	0.04	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	LTE Band 5 Ant 0	Bottom Face	0.639	0	-58	-76	2.33	153.0	0.65	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	LTE Band 5 Ant 0	Bottom Face	0.639	0	-58	-76	2.33	63.3	0.66	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				

	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	192.3	1.31	0.01	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	164.9	0.67	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	181.1	0.67	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	Bluetooth Ant 6	Bottom Face	0.007	0	-53.72	76.93	-0.34	153.8	0.03	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 54	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 5 Ant 0	Edge 4	0.669	0	0.69	44	-0.2	133.9	1.43	0.01	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	LTE Band 5 Ant 0	Edge 4	0.669	0	0.69	44	-0.2	26.3	0.95	0.04	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				

<5G NR>

	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case 1	FR1 n12 Ant 0	Bottom Face	0.649	0	-66.72	-70.14	0.77	164.4	1.32	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n12 Ant 0	Bottom Face	0.649	0	-66.72	-70.14	0.77	50.1	1.26	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n12 Ant 0	Bottom Face	0.649	0	-66.72	-70.14	0.77	71.2	0.67	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 2	FR1 n12 Ant 0	Bottom Face	0.649	0	-66.72	-70.14	0.77	147.6	1.31	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n12 Ant 0	Bottom Face	0.649	0	-66.72	-70.14	0.77	51.2	1.31	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n12 Ant 0	Bottom Face	0.649	0	-66.72	-70.14	0.77	71.2	0.67	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 3	FR1 n12 Ant 0	Edge 4	1.059	0	-0.98	47.14	4.04	137.1	2.10	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 4	FR1 n12 Ant 0	Edge 4	1.059	0	-0.98	47.14	4.04	142.9	1.73	0.02	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	FR1 n12 Ant 0	Edge 4	1.059	0	-0.98	47.14	4.04	60.0	1.24	0.02	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 5	FR1 n13 Ant 0	Bottom Face	0.673	0	-61.94	-70.29	2.11	164.1	1.34	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n13 Ant 0	Bottom Face	0.673	0	-61.94	-70.29	2.11	46.7	1.28	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n13 Ant 0	Bottom Face	0.673	0	-61.94	-70.29	2.11	66.5	0.70	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				



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	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 6	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n13 Ant 0	Bottom Face	0.673	0	-61.94	-70.29	2.11	147.5	1.33	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n13 Ant 0	Bottom Face	0.673	0	-61.94	-70.29	2.11	47.4	1.34	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n13 Ant 0	Bottom Face	0.673	0	-61.94	-70.29	2.11	66.5	0.70	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 7	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n13 Ant 0	Edge 4	0.696	0	-1.2	47.49	3.39	137.5	1.74	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 8	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n14 Ant 0	Bottom Face	0.675	0	-61.81	-74.81	0.3	168.6	1.34	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n14 Ant 0	Bottom Face	0.675	0	-61.81	-74.81	0.3	43.3	1.29	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n14 Ant 0	Bottom Face	0.675	0	-61.81	-74.81	0.3	66.8	0.70	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 9	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n14 Ant 0	Bottom Face	0.675	0	-61.81	-74.81	0.3	152.0	1.33	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n14 Ant 0	Bottom Face	0.675	0	-61.81	-74.81	0.3	44.4	1.34	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n14 Ant 0	Bottom Face	0.675	0	-61.81	-74.81	0.3	66.8	0.70	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				



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	NFC Ant 9	Bottom Face	0.023	0	4.28	-65.49	-1.13	48.1	0.69	0.01	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 10	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n14 Ant 0	Edge 4	0.743	0	1.02	51.91	1.48	141.8	1.78	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 11	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n71 Ant 0	Bottom Face	0.669	0	-65.07	-70.02	-2.11	164.1	1.34	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n71 Ant 0	Bottom Face	0.669	0	-65.07	-70.02	-2.11	49.0	1.28	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n71 Ant 0	Bottom Face	0.669	0	-65.07	-70.02	-2.11	69.5	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 12	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n71 Ant 0	Bottom Face	0.669	0	-65.07	-70.02	-2.11	147.4	1.33	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n71 Ant 0	Bottom Face	0.669	0	-65.07	-70.02	-2.11	50.1	1.33	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n71 Ant 0	Bottom Face	0.669	0	-65.07	-70.02	-2.11	69.5	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 13	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n71 Ant 0	Edge 4	0.89	0	2.44	54.07	0.89	144.0	1.93	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 14	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n71 Ant 0	Edge 4	0.89	0	2.44	54.07	0.89	149.9	1.56	0.01	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	FR1 n71 Ant 0	Edge 4	0.89	0	2.44	54.07	0.89	53.0	1.07	0.02	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 15	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR

	FR1 n5 Ant 0	Bottom Face	0.637	0	-66.45	-73.81	1.8	168.0	1.30	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n5 Ant 0	Bottom Face	0.637	0	-66.45	-73.81	1.8	47.4	1.25	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n5 Ant 0	Bottom Face	0.637	0	-66.45	-73.81	1.8	71.3	0.66	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 16	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n5 Ant 0	Bottom Face	0.637	0	-66.45	-73.81	1.8	151.3	1.29	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n5 Ant 0	Bottom Face	0.637	0	-66.45	-73.81	1.8	48.7	1.30	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n5 Ant 0	Bottom Face	0.637	0	-66.45	-73.81	1.8	71.3	0.66	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 17	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n5 Ant 0	Edge 4	0.571	0	-0.45	43.93	-1.24	133.9	1.33	0.01	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	FR1 n5 Ant 0	Edge 4	0.571	0	-0.45	43.93	-1.24	26.3	0.85	0.03	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 18	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n5 Ant 2	Bottom Face	1.258	0	-72	3.04	0.21	93.0	1.93	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n5 Ant 2	Bottom Face	1.258	0	-72	3.04	0.21	115.6	1.87	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n5 Ant 2	Bottom Face	1.258	0	-72	3.04	0.21	102.6	1.28	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 19	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n5 Ant 2	Bottom Face	1.258	0	-72	3.04	0.21	76.1	1.92	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				



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	FR1 n5 Ant 2	Bottom Face	1.258	0	-72	3.04	0.21	114.5	1.92	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n5 Ant 2	Bottom Face	1.258	0	-72	3.04	0.21	102.6	1.28	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 20	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n5 Ant 2	Edge 4	0.766	0	-6	2	0.11	92.3	1.52	0.02	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	FR1 n5 Ant 2	Edge 4	0.766	0	-6	2	0.11	68.3	1.05	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 21	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n5 Ant 2	Edge 4	0.766	0	-6	2	0.11	97.8	1.44	0.02	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	FR1 n5 Ant 2	Edge 4	0.766	0	-6	2	0.11	105.3	0.95	0.01	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 22	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n66 Ant 0	Bottom Face	0.688	0	-61.11	-71.48	1.46	165.2	1.36	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n66 Ant 0	Bottom Face	0.688	0	-61.11	-71.48	1.46	45.2	1.30	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n66 Ant 0	Bottom Face	0.688	0	-61.11	-71.48	1.46	65.7	0.71	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 23	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n66 Ant 0	Bottom Face	0.688	0	-61.11	-71.48	1.46	148.6	1.35	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n66 Ant 0	Bottom Face	0.688	0	-61.11	-71.48	1.46	46.0	1.35	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n66 Ant 0	Bottom Face	0.688	0	-61.11	-71.48	1.46	65.7	0.71	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				



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	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 24	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n66 Ant 0	Edge 4	0.637	0	1.77	73.62	0.04	160.1	1.68	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 25	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n66 Ant 2	Bottom Face	1.254	0	-74.6	4.06	1.31	92.7	1.92	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n66 Ant 2	Bottom Face	1.254	0	-74.6	4.06	1.31	117.5	1.86	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n66 Ant 2	Bottom Face	1.254	0	-74.6	4.06	1.31	105.2	1.28	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 26	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n66 Ant 2	Bottom Face	1.254	0	-74.6	4.06	1.31	75.8	1.91	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n66 Ant 2	Bottom Face	1.254	0	-74.6	4.06	1.31	116.5	1.92	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n66 Ant 2	Bottom Face	1.254	0	-74.6	4.06	1.31	105.2	1.28	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 27	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n66 Ant 2	Edge 4	0.769	0	-2	-22	0.34	68.1	1.53	0.03	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	FR1 n66 Ant 2	Edge 4	0.769	0	-2	-22	0.34	92.1	1.05	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 28	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n66 Ant 2	Edge 4	0.769	0	-2	-22	0.34	73.8	1.44	0.02	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	FR1 n66 Ant 2	Edge 4	0.769	0	-2	-22	0.34	129.1	0.95	0.01	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				



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	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 29	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n25 Ant 0	Bottom Face	0.657	0	-59.92	-68.55	-0.96	162.2	1.32	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n25 Ant 0	Bottom Face	0.657	0	-59.92	-68.55	-0.96	46.6	1.27	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n25 Ant 0	Bottom Face	0.657	0	-59.92	-68.55	-0.96	64.3	0.68	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 30	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n25 Ant 0	Bottom Face	0.657	0	-59.92	-68.55	-0.96	145.6	1.31	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n25 Ant 0	Bottom Face	0.657	0	-59.92	-68.55	-0.96	47.2	1.32	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n25 Ant 0	Bottom Face	0.657	0	-59.92	-68.55	-0.96	64.3	0.68	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 31	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n25 Ant 2	Bottom Face	1.236	0	-80.06	7.25	-1.2	91.4	1.90	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n25 Ant 2	Bottom Face	1.236	0	-80.06	7.25	-1.2	122.5	1.85	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n25 Ant 2	Bottom Face	1.236	0	-80.06	7.25	-1.2	111.4	1.26	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 32	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n25 Ant 2	Bottom Face	1.236	0	-80.06	7.25	-1.2	74.5	1.89	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n25 Ant 2	Bottom Face	1.236	0	-80.06	7.25	-1.2	121.7	1.90	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n25 Ant 2	Bottom Face	1.236	0	-80.06	7.25	-1.2	111.4	1.26	0.01	Not required



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	NFC Ant 9	Bottom Face	0.023	0	4.28	-65.49	-1.13	181.1	1.32	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 33	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n25 Ant 2	Edge 4	1.063	0	-5.76	-21.35	1.41	91.6	2.10	0.03	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 34	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n25 Ant 2	Edge 4	1.063	0	-5.76	-21.35	1.41	74.4	1.73	0.03	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	FR1 n25 Ant 2	Edge 4	1.063	0	-5.76	-21.35	1.41	128.6	1.24	0.01	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 35	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n7 Ant 0	Bottom Face	0.566	0	-62.13	-84.26	0.25	178.0	1.84	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n7 Ant 0	Bottom Face	0.566	0	-62.13	-84.26	0.25	52.7	0.59	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 36	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n7 Ant 0	Bottom Face	0.566	0	-62.13	-84.26	0.25	161.4	1.22	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n7 Ant 0	Bottom Face	0.566	0	-62.13	-84.26	0.25	39.6	1.23	0.03	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n7 Ant 0	Bottom Face	0.566	0	-62.13	-84.26	0.25	69.0	0.59	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 37	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n7 Ant 0	Edge 4	0.669	0	-1.11	50.46	0.69	140.4	1.71	0.02	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				



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	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Case 38	FR1 n7 Ant 2	Bottom Face	1.1	0	-79.33	3.51	2.04	94.6	1.77	0.02	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n7 Ant 2	Bottom Face	1.1	0	-79.33	3.51	2.04	118.8	1.71	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n7 Ant 2	Bottom Face	1.1	0	-79.33	3.51	2.04	108.5	1.12	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 39	FR1 n7 Ant 2	Bottom Face	1.1	0	-79.33	3.51	2.04	77.8	1.76	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6	Bottom Face	0.007	0	-53.72	76.93	-0.34	118.0	1.76	0.02	Not required
	FR1 n7 Ant 2		1.1	0	-79.33	3.51	2.04				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	108.5	1.12	0.01	Not required
	FR1 n7 Ant 2		1.1	0	-79.33	3.51	2.04				
	NFC Ant 9	Bottom Face	0.023	0	4.28	-65.49	-1.13	181.1	1.32	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6	Bottom Face	0.007	0	-53.72	76.93	-0.34	153.8	0.68	0.00	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	48.1	0.69	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9	Bottom Face	0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
Case 40	FR1 n7 Ant 2	Edge 4	0.842	0	-2.85	-31.35	1.52	58.8	1.60	0.03	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	FR1 n7 Ant 2	Edge 4	0.842	0	-2.85	-31.35	1.52	101.5	1.12	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 41	FR1 n7 Ant 2	Edge 4	0.842	0	-2.85	-31.35	1.52	64.4	1.51	0.03	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	138.5	1.02	0.01	Not required
	FR1 n7 Ant 2		0.842	0	-2.85	-31.35	1.52				
	WLAN5GHz Ant 7	Edge 4	0.181	0	1.43	107.07	1.77	202.9	0.85	0.00	Not required
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	Bluetooth Ant 6	Edge 4	0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 42	FR1 n41 Ant 1	Bottom Face	0.606	0	57.46	30.55	1.24	124.0	1.27	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n41 Ant 1	Bottom Face	0.606	0	57.46	30.55	1.24	161.6	1.22	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n41 Ant 1	Bottom Face	0.606	0	57.46	30.55	1.24	109.8	0.63	0.00	Not required



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	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 43	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n41 Ant 1	Bottom Face	0.606	0	57.46	30.55	1.24	120.5	1.26	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n41 Ant 1	Bottom Face	0.606	0	57.46	30.55	1.24	157.2	1.27	0.01	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n41 Ant 1	Bottom Face	0.606	0	57.46	30.55	1.24	109.8	0.63	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 44	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n41 HPUE Ant 2	Bottom Face	1.25	0	-77.71	3.66	0.32	94.0	1.92	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n41 HPUE Ant 2	Bottom Face	1.25	0	-77.71	3.66	0.32	118.3	1.86	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n41 HPUE Ant 2	Bottom Face	1.25	0	-77.71	3.66	0.32	107.3	1.27	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 45	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n41 HPUE Ant 2	Bottom Face	1.25	0	-77.71	3.66	0.32	77.1	1.91	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n41 HPUE Ant 2	Bottom Face	1.25	0	-77.71	3.66	0.32	117.4	1.91	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n41 HPUE Ant 2	Bottom Face	1.25	0	-77.71	3.66	0.32	107.3	1.27	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D	Summed	SPLSR	Simultaneous



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46	FR1 n41 HPUE Ant 2	Edge 4	0.851	(mm)	X	Y	Z	distance (mm)	SAR (W/kg)		
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53	112.5	1.89	0.02	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
Case 47	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n41 HPUE Ant 2	Edge 4	0.851	0	3.38	-42.23	2.38	53.9	1.52	0.03	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	FR1 n41 HPUE Ant 2	Edge 4	0.851	0	3.38	-42.23	2.38	149.3	1.03	0.01	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
Case 48	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n41 Ant 4	Bottom Face	1.241	0	21.22	71.4	1.32	183.8	2.52	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n41 Ant 4	Bottom Face	1.241	0	21.22	71.4	1.32	52.7	1.26	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 49	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n41 Ant 4	Bottom Face	1.241	0	21.22	71.4	1.32	75.2	1.90	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n41 Ant 4	Bottom Face	1.241	0	21.22	71.4	1.32	180.1	1.91	0.01	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 50	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n41 Ant 4	Edge 3	0.835	0	-11.33	-50.02	2.01	105.9	2.06	0.03	Not required
	Bluetooth Ant 6		0.002	0	-0.13	56.49	1.24				
	WLAN5GHz Ant 6		1.225	0	-7.42	55.83	1.69				
	FR1 n41 Ant 4	Bottom Face	0.553	0	-3.39	91.19	1.74	46.1	1.22	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n41 Ant 5		0.553	0	-3.39	91.19	1.74	198.0	1.16	0.01	Not required
Case 51	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	FR1 n41 Ant 5	Bottom Face	0.553	0	-3.39	91.19	1.74	156.9	0.58	0.00	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required



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	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	167.7	0.69	0.00	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 52	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n41 Ant 5	Bottom Face	0.553	0	-3.39	91.19	1.74	52.4	1.21	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n41 Ant 5	Bottom Face	0.553	0	-3.39	91.19	1.74	194.7	1.22	0.01	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n41 Ant 5	Bottom Face	0.553	0	-3.39	91.19	1.74	156.9	0.58	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 53	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n48 Ant 3	Bottom Face	0.771	0	-37.37	-22.46	-0.76	116.4	1.44	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n48 Ant 3	Bottom Face	0.771	0	-37.37	-22.46	-0.76	82.7	1.38	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n48 Ant 3	Bottom Face	0.771	0	-37.37	-22.46	-0.76	59.9	0.79	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 54	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n48 Ant 3	Bottom Face	0.771	0	-37.37	-22.46	-0.76	100.7	1.43	0.02	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n48 Ant 3	Bottom Face	0.771	0	-37.37	-22.46	-0.76	80.4	1.44	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n48 Ant 3	Bottom Face	0.771	0	-37.37	-22.46	-0.76	59.9	0.79	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 55	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n48 Ant 3	Edge 4	1.257	0	-1.96	11.29	2.63	101.3	2.02	0.03	Not required



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	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	58.9	1.54	0.03	Not required
	FR1 n48 Ant 3		1.257	0	-1.96	11.29	2.63				
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 56	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n48 Ant 3	Edge 4	1.257	0	-1.96	11.29	2.63	107.0	1.93	0.02	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	FR1 n48 Ant 3	Edge 4	1.257	0	-1.96	11.29	2.63	95.8	1.44	0.02	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
Case 57	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part270 Ant 1	Bottom Face	0.581	0	62.92	33.58	1.31	127.3	1.25	0.01	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n77 Part270 Ant 1	Bottom Face	0.581	0	62.92	33.58	1.31	167.2	1.19	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n77 Part270 Ant 1	Bottom Face	0.581	0	62.92	33.58	1.31	115.1	0.60	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 58	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part270 Ant 1	Bottom Face	0.581	0	62.92	33.58	1.31	124.4	1.24	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n77 Part270 Ant 1	Bottom Face	0.581	0	62.92	33.58	1.31	162.7	1.25	0.01	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n77 Part270 Ant 1	Bottom Face	0.581	0	62.92	33.58	1.31	115.1	0.60	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 59	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part27Q Ant 1	Bottom Face	0.292	0	56.66	28.03	-0.76	120.7	0.95	0.01	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n77 Part27Q Ant 1	Bottom Face	0.292	0	56.66	28.03	-0.76	154.6	0.96	0.01	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n77 Part27Q Ant 1	Bottom Face	0.292	0	56.66	28.03	-0.76	107.2	0.32	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required



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	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6	Bottom Face	0.007	0	-53.72	76.93	-0.34	153.8	0.68	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 60	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part270 Ant 3	Bottom Face	0.837	0	-68.35	-27.71	2.25	122.5	1.50	0.02	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n77 Part270 Ant 3	Bottom Face	0.837	0	-68.35	-27.71	2.25	85.9	1.45	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n77 Part270 Ant 3	Bottom Face	0.837	0	-68.35	-27.71	2.25	81.9	0.86	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 61	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part270 Ant 3	Bottom Face	0.837	0	-68.35	-27.71	2.25	105.7	1.49	0.02	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n77 Part270 Ant 3	Bottom Face	0.837	0	-68.35	-27.71	2.25	85.3	1.50	0.02	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n77 Part270 Ant 3	Bottom Face	0.837	0	-68.35	-27.71	2.25	81.9	0.86	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 62	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part270 Ant 3	Edge 4	1.246	0	-3.1	14	0.23	104.1	2.00	0.03	Not required
	WLAN2.4GHz Ant 6		0.758	0	2.65	-89.89	1.28				
	FR1 n77 Part270 Ant 3	Edge 4	1.246	0	-3.1	14	0.23	56.2	1.53	0.03	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
	WLAN2.4GHz Ant 6	Edge 4	0.758	0	2.65	-89.89	1.28	160.1	1.04	0.01	Not required
	WLAN2.4GHz Ant 7		0.282	0	-1.81	70.14	0.53				
Case 63	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part270 Ant 3	Edge 4	1.246	0	-3.1	14	0.23	109.7	1.92	0.02	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 6		0.668	0	-4.24	-99.74	-1.26				
	FR1 n77 Part270 Ant 3	Edge 4	1.246	0	-3.1	14	0.23	93.2	1.43	0.02	Not required
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				
	WLAN5GHz Ant 6	Edge 4	0.668	0	-4.24	-99.74	-1.26	202.9	0.85	0.00	Not required
	Bluetooth Ant 6		0.002	0	-3.2	-95.73	1.65				
	WLAN5GHz Ant 7		0.181	0	1.43	107.07	1.77				



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	Band	Position	SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				(mm)	X	Y	Z				
Case 64	FR1 n77 Part270 Ant 4	Bottom Face	1.251	0	17.85	104.88	2.1	199.1	2.53	0.02	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n77 Part270 Ant 4	Bottom Face	1.251	0	17.85	104.88	2.1	52.7	1.27	0.03	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
NFC Ant 9	0.023		0	4.28	-65.49	-1.13					
Case 65	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part270 Ant 4	Bottom Face	1.251	0	17.85	104.88	2.1	75.9	1.91	0.03	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n77 Part270 Ant 4	Bottom Face	1.251	0	17.85	104.88	2.1	211.8	1.92	0.01	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n77 Part270 Ant 4	Bottom Face	1.251	0	17.85	104.88	2.1	170.9	1.27	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	Case 66	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results
FR1 n77 Part270 Ant 4		Edge 3	0.785	0	-11.33	-50.02	2.01	105.9	2.01	0.03	Not required
Bluetooth Ant 6			0.002	0	-0.13	56.49	1.24				
WLAN5GHz Ant 6			1.225	0	-7.42	55.83	1.69				
Case 67	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part27Q Ant 4	Bottom Face	0.815	0	18.71	92.03	0.88	68.2	1.48	0.03	Not required
	WLAN2.4GHz Ant 6		0.667	0	-49.46	93.31	1.27				
	FR1 n77 Part27Q Ant 4	Bottom Face	0.815	0	18.71	92.03	0.88	203.0	1.43	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	FR1 n77 Part27Q Ant 4	Bottom Face	0.815	0	18.71	92.03	0.88	158.2	0.84	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	199.1	1.28	0.01	Not required
	WLAN2.4GHz Ant 7		0.61	0	-30.71	-104.9	-0.62				
	WLAN2.4GHz Ant 6	Bottom Face	0.667	0	-49.46	93.31	1.27	167.7	0.69	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN2.4GHz Ant 7	Bottom Face	0.61	0	-30.71	-104.9	-0.62	52.7	0.63	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 68	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part27Q Ant 4	Bottom Face	0.815	0	18.71	92.03	0.88	74.0	1.47	0.02	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n77 Part27Q Ant 4	Bottom Face	0.815	0	18.71	92.03	0.88	199.4	1.48	0.01	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n77 Part27Q Ant 4	Bottom Face	0.815	0	18.71	92.03	0.88	158.2	0.84	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required	

	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6	Bottom Face	0.007	0	-53.72	76.93	-0.34	153.8	0.68	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 69	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part27Q Ant 4	Edge 3	0.763	0	-3.36	-63.93	-1	119.9	1.99	0.02	Not required
	Bluetooth Ant 6		0.002	0	-0.13	56.49	1.24				
	WLAN5GHz Ant 6		1.225	0	-7.42	55.83	1.69				
Case 70	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part27O Ant 5	Bottom Face	0.284	0	-3.95	94.74	-0.1	52.6	0.94	0.02	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n77 Part27O Ant 5	Bottom Face	0.284	0	-3.95	94.74	-0.1	198.2	0.95	0.00	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n77 Part27O Ant 5	Bottom Face	0.284	0	-3.95	94.74	-0.1	160.4	0.31	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
Case 71	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	FR1 n77 Part27Q Ant 5	Bottom Face	0.285	0	-3.94	117.75	-0.49	60.1	0.94	0.02	Not required
	WLAN5GHz Ant 6		0.65	0	-56.13	87.9	0.57				
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	FR1 n77 Part27Q Ant 5	Bottom Face	0.285	0	-3.94	117.75	-0.49	221.1	0.95	0.00	Not required
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	FR1 n77 Part27Q Ant 5	Bottom Face	0.285	0	-3.94	117.75	-0.49	183.4	0.31	0.00	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	181.1	1.32	0.01	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	WLAN5GHz Ant 7		0.664	0	-26.79	-102.14	1.4				
	WLAN5GHz Ant 6	Bottom Face	0.65	0	-56.13	87.9	0.57	153.8	0.68	0.00	Not required
	Bluetooth Ant 6		0.007	0	-53.72	76.93	-0.34				
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				
	WLAN5GHz Ant 7	Bottom Face	0.664	0	-26.79	-102.14	1.4	48.1	0.69	0.01	Not required
	NFC Ant 9		0.023	0	4.28	-65.49	-1.13				

Note: *Instead of doing a small volume scan over a co-located antenna pair, used summing the SAR values of the co-located pair and using that value in SPLSR calculation. In the calculation used the minimum distance between the spatially separated antenna and the closest antenna of the co-located antenna pair to be conservative.

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18. 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. 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. Therefore, the measurement uncertainty table is not required in this report.

Declaration of Conformity:

The test results with all measurement uncertainty excluded is presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

The component of uncertainty may generally be categorized according to the methods used to evaluate them. The evaluation of uncertainty by the statistical analysis of a series of observations is termed a Type A evaluation of uncertainty. The evaluation of uncertainty by means other than the statistical analysis of a series of observation is termed a Type B evaluation of uncertainty. Each component of uncertainty, however evaluated, is represented by an estimated standard deviation, termed standard uncertainty, which is determined by the positive square root of the estimated variance.

A Type A evaluation of standard uncertainty may be based on any valid statistical method for treating data. This includes calculating the standard deviation of the mean of a series of independent observations; using the method of least squares to fit a curve to the data in order to estimate the parameter of the curve and their standard deviations; or carrying out an analysis of variance in order to identify and quantify random effects in certain kinds of measurement.

A type B evaluation of standard uncertainty is typically based on scientific judgment using all of the relevant information available. These may include previous measurement data, experience, and knowledge of the behavior and properties of relevant materials and instruments, manufacture's specification, data provided in calibration reports and uncertainties assigned to reference data taken from handbooks. Broadly speaking, the uncertainty is either obtained from an outdoor source or obtained from an assumed distribution, such as the normal distribution, rectangular or triangular distributions indicated in table below.

Uncertainty Distributions	Normal	Rectangular	Triangular	U-Shape
Multi-plying Factor ^(a)	$1/k^{(b)}$	$1/\sqrt{3}$	$1/\sqrt{6}$	$1/\sqrt{2}$

(a) standard uncertainty is determined as the product of the multiplying factor and the estimated range of variations in the measured quantity

(b) k is the coverage factor

Standard Uncertainty for Assumed Distribution

The combined standard uncertainty of the measurement result represents the estimated standard deviation of the result. It is obtained by combining the individual standard uncertainties of both Type A and Type B evaluation using the usual "root-sum-squares" (RSS) methods of combining standard deviations by taking the positive square root of the estimated variances.

Expanded uncertainty is a measure of uncertainty that defines an interval about the measurement result within which the measured value is confidently believed to lie. It is obtained by multiplying the combined standard uncertainty by a coverage factor. Typically, the coverage factor ranges from 2 to 3. Using a coverage factor allows the true value of a measured quantity to be specified with a defined probability within the specified uncertainty range. For purpose of this document, a coverage factor two is used, which corresponds to confidence interval of about 95 %. The DASY uncertainty Budget is shown in the following tables.

The judgment of conformity in the report is based on the measurement results excluding the measurement uncertainty.

Uncertainty Budget (Frequency band: 4 MHz - 10 GHz range)							
Error Description	Uncertainty Value (±%)	Probability	Divisor	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g) (±%)	Standard Uncertainty (10g) (±%)
Measurement System							
Probe Calibration	18.6	N	2	1	1	9.3	9.3
Probe Calibration Drift	1.7	R	1.732	1	1	1.0	1.0
Probe Linearity	4.7	R	1.732	1	1	2.7	2.7
Broadband Signal	2.8	R	1.732	1	1	1.6	1.6
Probe Isotropy	7.6	R	1.732	1	1	4.4	4.4
Data Acquisition	0.3	N	1	1	1	0.3	0.3
RF Ambient	1.8	N	1	1	1	1.8	1.8
Probe Positioning	0.2	N	1	0.67	0.67	0.1	0.1
Data Processing	3.5	N	1	1	1	3.5	3.5
Phantom and Device Errors							
Conductivity (meas.)	2.8	N	1	0.78	0.71	2.2	2.0
Conductivity (temp.)	3.7	R	1.732	0.78	0.71	1.7	1.5
Phantom Permittivity	14.0	R	1.732	0.5	0.5	4.0	4.0
Distance DUT - TSL	2.0	N	1	2	2	4.0	4.0
Device Positioning (±0.5mm)	3.0	N	1	1	1	3.0	3.0
Device Holder	3.6	N	1	1	1	3.6	3.6
DUT Modulation	4.6	R	1.732	1	1	2.7	2.7
Time-average SAR	2.6	R	1.732	1	1	1.5	1.5
DUT drift	2.5	N	1	1	1	2.5	2.5
Val Antenna Unc.	0.0	N	1	1	1	0.0	0.0
Unc. Input Power	0.0	N	1	1	1	0.0	0.0
Correction to the SAR results							
Deviation to Target	1.9	N	1	1	0.84	1.9	1.6
SAR scaling	0.0	R	1.732	1	1	0.0	0.0
Combined Std. Uncertainty						14.6%	14.5%
Coverage Factor for 95 %						K=2	K=2
Expanded STD Uncertainty						29.2%	29.0%

SAR Uncertainty Budget for frequency range 4MHz to 10GHz according to IEC/IEEE

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19. References

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