



FCC SAR TEST REPORT

Report No. : FA092423

Case 27	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B30	Bottom Face	1.158	0mm	110	81.5	7.41	249.2	1.98	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B30	Bottom Face	1.158	0mm	110	81.5	7.41	134.6	2.67	0.03	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	4.6	165	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	311.0	2.33	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	4.6	165	1.05				
Case 28	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B41	Bottom of Laptop	0.308	0mm	-98.2	131.2	7.47	88.9	1.10	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B41	Bottom of Laptop	0.308	0mm	-98.2	131.2	7.47	287.9	0.97	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
Case 29	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B41	Bottom Face	0.915	0mm	105.8	135.2	7.58	104.2	2.10	0.03	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B41	Bottom Face	0.915	0mm	105.8	135.2	7.58	301.9	1.84	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B41	Bottom Face	0.915	0mm	105.8	135.2	7.58	297.7	1.73	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B41	Bottom Face	0.915	0mm	105.8	135.2	7.58	105.7	2.43	0.04	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	4.6	165	1.05				
Case 32	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B48_MIMO2	Bottom of Laptop	0.45	0mm	-65.6	-139.2	7.41	286.1	1.24	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B48_MIMO2	Bottom of Laptop	0.45	0mm	-65.6	-139.2	7.41	58.2	1.11	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	LTE B48_MIMO2	Bottom of Laptop	0.45	0mm	-65.6	-139.2	7.41	61.5	0.69	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B48_MIMO2	Bottom of Laptop	0.45	0mm	-65.6	-139.2	7.41	290.9	1.41	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 33	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B48_MIMO2	Bottom Face	1.18	0mm	75.4	-142.6	7.59	296.8	2.37	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B48_MIMO2	Bottom Face	1.18	0mm	75.4	-142.6	7.59	72.9	2.10	0.04	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B48_MIMO2	Bottom Face	1.18	0mm	75.4	-142.6	7.59	67.4	2.00	0.04	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B48_MIMO2	Bottom Face	1.18	0mm	75.4	-142.6	7.59	315.7	2.69	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	4.6	165	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	311.0	2.33	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	4.6	165	1.05				

	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 34	LTE B66	Bottom of Laptop	1.119	0mm	-96.7	134	7.47	87.1	1.91	0.03	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B66	Bottom of Laptop	1.119	0mm	-96.7	134	7.47	290.1	1.78	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.029				
	LTE B66	Bottom of Laptop	1.119	0mm	-96.7	134	7.47	296.4	1.36	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B66	Bottom of Laptop	1.119	0mm	-96.7	134	7.47	92.9	2.08	0.03	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 35	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	LTE B66	Bottom Face	1.132	0mm	99.5	135.5	7.48	97.9	2.32	0.04	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B66	Bottom Face	1.132	0mm	99.5	135.5	7.48	300.1	2.05	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B66	Bottom Face	1.132	0mm	99.5	135.5	7.48	295.9	1.95	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B66	Bottom Face	1.132	0mm	99.5	135.5	7.48	99.6	2.65	0.04	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	4.6	165	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	311.0	2.33	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	4.6	165	1.05				

Case 36	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 B66	Edge 2	0.678	0mm	-3.2	-103.8	7.14	92.6	1.94	0.03	Not required
	WLAN5GHz+BT_Ant1		1.263	0mm	0.4	-11.6	-0.57				
Case 37	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 B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	286.3	1.22	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	48.6	1.09	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	51.8	0.67	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	290.9	1.39	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 38	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 B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	299.2	1.87	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	62.6	1.60	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	57.3	1.50	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
Case 39	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 B71	Bottom of Laptop	0.408	0mm	-94.6	134	7.44	85.0	1.20	0.02	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B71	Bottom of Laptop	0.408	0mm	-94.6	134	7.44	289.4	1.07	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	LTE B71	Bottom of Laptop	0.408	0mm	-94.6	134	7.44	295.7	0.65	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B71	Bottom of Laptop	0.408	0mm	-94.6	134	7.44	90.8	1.37	0.02	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 40	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 B71	Bottom Face	1.136	0mm	110	81.5	7.36	125.2	2.33	0.03	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B71	Bottom Face	1.136	0mm	110	81.5	7.36	253.8	2.06	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B71	Bottom Face	1.136	0mm	110	81.5	7.36	249.2	1.96	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B71	Bottom Face	1.136	0mm	110	81.5	7.36	134.6	2.65	0.03	Not required

	WLAN5G_Ant 1+BT_Ant1	Bottom Face	1.514	0mm	4.6	165	1.05	311.0	2.33	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	4.6	165	1.05				
Case 87	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B5	Bottom of Laptop	0.937	0mm	-114.8	114.3	7.51	108.3	1.73	0.02	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B5	Bottom of Laptop	0.937	0mm	-114.8	114.3	7.51	277.9	1.60	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.029				
	LTE B5	Bottom of Laptop	0.937	0mm	-114.8	114.3	7.51	284.2	1.18	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B5	Bottom of Laptop	0.937	0mm	-114.8	114.3	7.51	114.5	1.90	0.02	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 88	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B5	Bottom Face	1.139	0mm	110.2	81.2	7.43	125.6	2.33	0.03	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B5	Bottom Face	1.139	0mm	110.2	81.2	7.43	253.6	2.06	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B5	Bottom Face	1.139	0mm	110.2	81.2	7.43	249.1	1.96	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B5	Bottom Face	1.139	0mm	110.2	81.2	7.43	135.0	2.65	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	4.6	165	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	311.0	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	4.6	165	1.05				



<When EN-DC is active>

	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 41	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	268.8	0.69	0.00	Not required
	FR1 n5		0.323	0mm	-111.6	121.9	7.37				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	286.3	1.16	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	48.5	1.03	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	103.5	1.11	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	283.7	0.98	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	BT_Ant1	Bottom of Laptop	0.365	0mm	-4.8	145.2	0.29	287.2	1.02	0.00	Not required
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	51.7	0.61	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	290.9	1.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	290.0	0.56	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	109.5	1.28	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 42	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	293.9	1.38	0.01	Not required
	FR1 n5		0.687	0mm	108.8	143.3	7.67				
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	62.7	1.61	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	106.8	1.88	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	310.5	1.61	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	BT_Ant1	Bottom Face	0.494	0mm	11.6	140.8	1.05	289.5	1.42	0.01	Not required
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	57.4	1.51	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	293.2	2.20	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	306.3	1.51	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	97.5	2.20	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 43	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	268.8	0.58	0.00	Not required
	FR1 n12		0.206	0mm	-111.6	121.9	7.37				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	286.3	1.16	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	48.5	1.03	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n12	Bottom of Laptop	0.206	0mm	-111.6	121.9	7.37	103.5	1.00	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				

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	FR1 n12	Bottom of Laptop	0.206	0mm	-111.6	121.9	7.37	283.7	0.87	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	51.7	0.61	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	290.9	1.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n12	Bottom of Laptop	0.206	0mm	-111.6	121.9	7.37	290.0	0.44	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n12	Bottom of Laptop	0.206	0mm	-111.6	121.9	7.37	109.5	1.17	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 44	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	230.4	1.31	0.01	Not required
	FR1 n12		0.618	0mm	111.6	78.3	7.58				
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	62.7	1.61	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n12	Bottom Face	0.618	0mm	111.6	78.3	7.58	128.3	1.81	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n12	Bottom Face	0.618	0mm	111.6	78.3	7.58	251.6	1.54	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	BT_Ant1	Bottom Face	0.494	0mm	11.6	140.8	1.05	289.5	1.42	0.01	Not required
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	57.4	1.51	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	293.2	2.20	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n12	Bottom Face	0.618	0mm	111.6	78.3	7.58	247.0	1.44	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n12	Bottom Face	0.618	0mm	111.6	78.3	7.58	118.1	2.13	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
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 B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	283.9	0.60	0.00	Not required
	FR1 n71		0.232	0mm	-95	140.1	7.33				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	286.3	1.16	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	48.5	1.03	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33	85.1	1.02	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33	295.4	0.89	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	BT_Ant1	Bottom of Laptop	0.365	0mm	-4.8	145.2	0.29	287.2	1.02	0.00	Not required
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	51.7	0.61	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	290.9	1.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n71	Bottom of	0.232	0mm	-95	140.1	7.33	301.7	0.47	0.00	Not required



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	WLAN5G_Ant2	Laptop	0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33	90.6	1.19	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 46	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 B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	230.4	1.32	0.01	Not required
	FR1 n71		0.632	0mm	111.6	78.3	7.6				
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B2 MIMO2	Bottom Face	0.689	0mm	65.4	-147.4	7.33	62.7	1.61	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	128.3	1.82	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	251.6	1.55	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	BT_Ant1	Bottom Face	0.494	0mm	11.6	140.8	1.05	289.5	1.42	0.01	Not required
	LTE B2 MIMO2		0.689	0mm	65.4	-147.4	7.33				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	57.4	1.51	0.03	Not required
	LTE B2 MIMO2		0.689	0mm	65.4	-147.4	7.33				
	WLAN5G_Ant 1+BT_Ant1	Bottom Face	1.514	0mm	11.6	140.8	1.05	293.2	2.20	0.01	Not required
	FR1 n71		0.632	0mm	111.6	78.3	7.6				
WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	247.0	1.45	0.01	Not required	
FR1 n71		0.632	0mm	111.6	78.3	7.6					
WLAN5G_Ant 1+BT_Ant1	Bottom Face	1.514	0mm	11.6	140.8	1.05	118.1	2.15	0.03	Not required	
WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81					
WLAN5G_Ant 1+BT_Ant1	Bottom Face	1.514	0mm	11.6	140.8	1.05	286.8	2.33	0.01	Not required	
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				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	262.3	0.96	0.00	Not required
	FR1 n2 MIMO2		0.37	0mm	-55.9	-141.1	7.31				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	108.1	1.38	0.02	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	278.0	1.25	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	286.3	1.16	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	48.5	1.03	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	BT_Ant1	Bottom of Laptop	0.365	0mm	-4.8	145.2	0.29	287.2	1.02	0.00	Not required
	LTE B5		0.591	0mm	-114.6	114.5	7.53				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	284.3	0.83	0.00	Not required
	LTE B5		0.591	0mm	-114.6	114.5	7.53				
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29	114.2	1.55	0.02	Not required
	FR1 n2 MIMO2		0.37	0mm	-55.9	-141.1	7.31				
WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	51.7	0.61	0.01	Not required	
FR1 n2 MIMO2		0.37	0mm	-55.9	-141.1	7.31					
WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29	290.9	1.33	0.01	Not required	
WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07					
WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29	293.0	1.20	0.00	Not required	
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				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	233.2	1.41	0.01	Not required
	FR1 n2 MIMO2		0.686	0mm	65.4	-147.4	7.32				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	125.2	1.91	0.02	Not required
WLAN2.4G_Ant1	1.189		0mm	2.2	145	1.81					

	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	253.8	1.64	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	62.7	1.61	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	249.2	1.54	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	115.1	2.23	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	57.4	1.51	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	293.2	2.20	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
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 B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	255.2	0.80	0.00	Not required
	FR1 n7 MIMO2		0.211	0mm	-65.8	-136	7.39				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	108.1	1.38	0.02	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	278.0	1.25	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n7 MIMO2	Bottom of Laptop	0.211	0mm	-65.8	-136	7.39	283.0	1.00	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n7 MIMO2	Bottom of Laptop	0.211	0mm	-65.8	-136	7.39	58.7	0.87	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	284.3	0.83	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	114.2	1.55	0.02	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n7 MIMO2	Bottom of Laptop	0.211	0mm	-65.8	-136	7.39	62.2	0.45	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n7 MIMO2	Bottom of Laptop	0.211	0mm	-65.8	-136	7.39	287.8	1.17	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 50	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	226.6	1.42	0.01	Not required
	FR1 n7 MIMO2		0.699	0mm	72.4	-142	7.34				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	125.2	1.91	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	253.8	1.64	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n7 MIMO2	Bottom Face	0.699	0mm	72.4	-142	7.34	295.5	1.89	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n7 MIMO2	Bottom Face	0.699	0mm	72.4	-142	7.34	69.9	1.62	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	249.2	1.54	0.01	Not required

	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	115.1	2.23	0.03	Not required
	LTE B5		0.719	0mm	110	81.5	7.41				
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n7 MIMO2	Bottom Face	0.699	0mm	72.4	-142	7.34	64.5	1.52	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n7 MIMO2	Bottom Face	0.699	0mm	72.4	-142	7.34	289.3	2.21	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 51	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	263.4	1.19	0.00	Not required
	FR1 n66 MIMO2		0.594	0mm	-51.1	-141.1	7.28				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	108.1	1.38	0.02	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	278.0	1.25	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	285.5	1.38	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	43.7	1.25	0.03	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	284.3	0.83	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B5	Bottom of Laptop	0.591	0mm	-114.6	114.5	7.53	114.2	1.55	0.02	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	47.0	0.83	0.02	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	290.1	1.55	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 52	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	233.2	1.41	0.01	Not required
	FR1 n66 MIMO2		0.695	0mm	65.3	-147.4	7.32				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	125.2	1.91	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	253.8	1.64	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	62.6	1.62	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	249.2	1.54	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B5	Bottom Face	0.719	0mm	110	81.5	7.41	115.1	2.23	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	57.3	1.51	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	293.2	2.21	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				



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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 53	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37	261.8	0.52	0.00	Not required
	FR1 n5		0.323	0mm	-111.6	121.9	7.37				
	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37	283.1	0.99	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37	59.3	0.86	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	103.5	1.11	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	283.7	0.98	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37	62.8	0.44	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37	288.0	1.16	0.00	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 54	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	290.0	0.56	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	109.5	1.28	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	287.6	1.32	0.01	Not required
	FR1 n5		0.687	0mm	108.8	143.3	7.67				
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	295.5	1.82	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	69.9	1.55	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	106.8	1.88	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	310.5	1.61	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
Case 55	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	64.5	1.45	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	289.3	2.15	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	306.3	1.51	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	97.5	2.20	0.03	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37	277.6	0.43	0.00	Not required
	FR1 n71		0.232	0mm	-95	140.1	7.33				
Case 55	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37	283.1	0.99	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37	59.3	0.86	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33	85.1	1.02	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33	295.4	0.89	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
Case 55	WLAN2.4G_Ant1	Bottom of	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required



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	WLAN2.4G_Ant2	Laptop	0.659	0mm	-7.6	-142	3.07	62.8	0.44	0.00	Not required
	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07				
	LTE B7 MIMO2	Bottom of Laptop	0.197	0mm	-66.4	-136	7.37	288.0	1.16	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	301.7	0.47	0.00	Not required
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33				
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
Case 56	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	223.8	1.26	0.01	Not required
	FR1 n71		0.632	0mm	111.6	78.3	7.6				
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	295.5	1.82	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	69.9	1.55	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	128.3	1.82	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	251.6	1.55	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	BT_Ant1	Bottom Face	0.494	0mm	11.6	140.8	1.05	289.5	1.42	0.01	Not required
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	64.5	1.45	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B7 MIMO2	Bottom Face	0.631	0mm	72.4	-142	7.36	289.3	2.15	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	247.0	1.45	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	118.1	2.15	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 57	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	278.7	0.60	0.00	Not required
	FR1 n2 MIMO2		0.37	0mm	-55.9	-141.1	7.31				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	86.4	1.02	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	290.5	0.89	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	286.3	1.16	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	48.5	1.03	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	BT_Ant1	Bottom of Laptop	0.365	0mm	-4.8	145.2	0.29	287.2	1.02	0.00	Not required
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	296.8	0.47	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	92.1	1.19	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	51.7	0.61	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	290.9	1.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				



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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 58	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	231.9	1.37	0.01	Not required
	FR1 n2 MIMO2		0.686	0mm	65.4	-147.4	7.32				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	127.4	1.88	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	253.1	1.61	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	62.7	1.61	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	BT_Ant1	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	248.4	1.51	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	117.2	2.20	0.03	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	57.4	1.51	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	293.2	2.20	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 59	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	272.4	0.44	0.00	Not required
	FR1 n7 MIMO2		0.211	0mm	-65.8	-136	7.39				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	86.4	1.02	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	290.5	0.89	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n7 MIMO2	Bottom of Laptop	0.211	0mm	-65.8	-136	7.39	283.0	1.00	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n7 MIMO2	Bottom of Laptop	0.211	0mm	-65.8	-136	7.39	58.7	0.87	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	296.8	0.47	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	92.1	1.19	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n7 MIMO2	Bottom of Laptop	0.211	0mm	-65.8	-136	7.39	62.2	0.45	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n7 MIMO2	Bottom of Laptop	0.211	0mm	-65.8	-136	7.39	287.8	1.17	0.00	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 60	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	225.3	1.39	0.01	Not required
	FR1 n7 MIMO2		0.699	0mm	72.4	-142	7.34				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	127.4	1.88	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	253.1	1.61	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n7 MIMO2	Bottom Face	0.699	0mm	72.4	-142	7.34	295.5	1.89	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n7 MIMO2	Bottom Face	0.699	0mm	72.4	-142	7.34	69.9	1.62	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required



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	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	248.4	1.51	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	117.2	2.20	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n7 MIMO2	Bottom Face	0.699	0mm	72.4	-142	7.34	64.5	1.52	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n7 MIMO2	Bottom Face	0.699	0mm	72.4	-142	7.34	289.3	2.21	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 61	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	279.4	0.82	0.00	Not required
	FR1 n66 MIMO2		0.594	0mm	-51.1	-141.1	7.28				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	86.4	1.02	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	290.5	0.89	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	285.5	1.38	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	43.7	1.25	0.03	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	296.8	0.47	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B12	Bottom of Laptop	0.23	0mm	-96	134.7	7.47	92.1	1.19	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	47.0	0.83	0.02	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
Case 62	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	232.0	1.38	0.01	Not required
	FR1 n66 MIMO2		0.695	0mm	65.3	-147.4	7.32				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	127.4	1.88	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	253.1	1.61	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	62.6	1.62	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	248.4	1.51	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B12	Bottom Face	0.687	0mm	111.6	79.9	7.2	117.2	2.20	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	57.3	1.51	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	293.2	2.21	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				



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	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 63	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 B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	262.1	0.84	0.00	Not required
	FR1 n2 MIMO2		0.37	0mm	-55.9	-141.1	7.31				
	LTE B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	106.9	1.26	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	277.6	1.13	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	286.3	1.16	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	48.5	1.03	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	283.9	0.71	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	113.1	1.43	0.02	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	51.7	0.61	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n2 MIMO2	Bottom of Laptop	0.37	0mm	-55.9	-141.1	7.31	290.9	1.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 64	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 B13	Bottom Face	0.735	0mm	110	81.5	7.45	233.2	1.42	0.01	Not required
	FR1 n2 MIMO2		0.686	0mm	65.4	-147.4	7.32				
	LTE B13	Bottom Face	0.735	0mm	110	81.5	7.45	125.2	1.92	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B13	Bottom Face	0.735	0mm	110	81.5	7.45	253.8	1.66	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	62.7	1.61	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B13	Bottom Face	0.735	0mm	110	81.5	7.45	249.2	1.55	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B13	Bottom Face	0.735	0mm	110	81.5	7.45	115.1	2.25	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	57.4	1.51	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n2 MIMO2	Bottom Face	0.686	0mm	65.4	-147.4	7.32	293.2	2.20	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 65	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 B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	263.2	1.06	0.00	Not required
	FR1 n66 MIMO2		0.594	0mm	-51.1	-141.1	7.28				
	LTE B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	106.9	1.26	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	277.6	1.13	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n66 MIMO2	Bottom of	0.594	0mm	-51.1	-141.1	7.28	285.5	1.38	0.01	Not required



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Case 66	WLAN2.4G_Ant1	Laptop	0.789	0mm	-10.2	141.4	0.21				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	43.7	1.25	0.03	Not required
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1	Bottom of Laptop	0.365	0mm	-4.8	145.2	0.29				
	LTE B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	283.9	0.71	0.00	Not required
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07				
	LTE B13	Bottom of Laptop	0.468	0mm	-113.4	114.6	7.52	113.1	1.43	0.02	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	47.0	0.83	0.02	Not required
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	290.1	1.55	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
Case 66	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B13	Bottom Face	0.735	0mm	110	81.5	7.45	233.2	1.43	0.01	Not required
	FR1 n66 MIMO2		0.695	0mm	65.3	-147.4	7.32				
	LTE B13	Bottom Face	0.735	0mm	110	81.5	7.45	125.2	1.92	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B13	Bottom Face	0.735	0mm	110	81.5	7.45	253.8	1.66	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	62.6	1.62	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B13	Bottom Face	0.735	0mm	110	81.5	7.45	249.2	1.55	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B13	Bottom Face	0.735	0mm	110	81.5	7.45	115.1	2.25	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	57.3	1.51	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
Case 67	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	293.2	2.21	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B25	Bottom of Laptop	0.651	0mm	-96.8	135.6	7.48	272.1	0.75	0.00	Not required
	FR1 n41 MIMO2		0.097	0mm	-69.8	-135.2	7.39				
	LTE B25	Bottom of Laptop	0.651	0mm	-96.8	135.6	7.48	87.1	1.44	0.02	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B25	Bottom of Laptop	0.651	0mm	-96.8	135.6	7.48	291.6	1.31	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	283.0	0.89	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	62.7	0.76	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B25	Bottom of Laptop	0.651	0mm	-96.8	135.6	7.48	297.9	0.89	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B25	Bottom of Laptop	0.651	0mm	-96.8	135.6	7.48	92.8	1.61	0.02	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				



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	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	66.2	0.34	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	287.9	1.06	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 68	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B25	Bottom Face	0.709	0mm	101	135.5	7.32	278.9	1.39	0.01	Not required
	FR1 n41 MIMO2		0.681	0mm	71.4	-141.8	7.34				
	LTE B25	Bottom Face	0.709	0mm	101	135.5	7.32	99.4	1.90	0.03	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B25	Bottom Face	0.709	0mm	101	135.5	7.32	300.6	1.63	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	295.1	1.87	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	69.0	1.60	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B25	Bottom Face	0.709	0mm	101	135.5	7.32	296.4	1.53	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B25	Bottom Face	0.709	0mm	101	135.5	7.32	89.8	2.22	0.04	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	63.5	1.50	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	288.9	2.20	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 69	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B26	Bottom of Laptop	0.613	0mm	-114.6	114.5	7.53	253.7	0.71	0.00	Not required
	FR1 n41 MIMO2		0.097	0mm	-69.8	-135.2	7.39				
	LTE B26	Bottom of Laptop	0.613	0mm	-114.6	114.5	7.53	108.1	1.40	0.02	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B26	Bottom of Laptop	0.613	0mm	-114.6	114.5	7.53	278.0	1.27	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	283.0	0.89	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	62.7	0.76	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	BT_Ant1	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	LTE B26		0.365	0mm	-4.8	145.2	0.29				
	LTE B26	Bottom of Laptop	0.613	0mm	-114.6	114.5	7.53	284.3	0.85	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B26	Bottom of Laptop	0.613	0mm	-114.6	114.5	7.53	114.2	1.57	0.02	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	66.2	0.34	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	287.9	1.06	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 70	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B26	Bottom Face	0.737	0mm	110	81.5	7.41	226.6	1.42	0.01	Not required
	FR1 n41 MIMO2		0.681	0mm	71.4	-141.8	7.34				
	LTE B26	Bottom Face	0.737	0mm	110	81.5	7.41	125.2	1.93	0.02	Not required



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	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	253.8	1.66	0.01	Not required
	LTE B26		0.737	0mm	110	81.5	7.41				
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	295.1	1.87	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	69.0	1.60	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B26	Bottom Face	0.737	0mm	110	81.5	7.41	249.2	1.56	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B26	Bottom Face	0.737	0mm	110	81.5	7.41	115.1	2.25	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	63.5	1.50	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	288.9	2.20	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 71	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	280.8	0.84	0.00	Not required
	FR1 n2		0.558	0mm	-95.3	140	7.34				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	286.1	1.07	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	58.2	0.94	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n2	Bottom of Laptop	0.558	0mm	-95.3	140	7.34	85.4	1.35	0.02	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n2	Bottom of Laptop	0.558	0mm	-95.3	140	7.34	295.4	1.22	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	61.5	0.52	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	290.9	1.24	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n2	Bottom of Laptop	0.558	0mm	-95.3	140	7.34	301.7	0.80	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n2	Bottom of Laptop	0.558	0mm	-95.3	140	7.34	90.9	1.52	0.02	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 72	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	282.5	1.44	0.01	Not required
	FR1 n2		0.698	0mm	101	138.7	7.63				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	296.8	1.93	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	72.9	1.67	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n2	Bottom Face	0.698	0mm	101	138.7	7.63	99.2	1.89	0.03	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n2	Bottom Face	0.698	0mm	101	138.7	7.63	303.6	1.62	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				

	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	67.4	1.56	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	290.6	2.26	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n2	Bottom Face	0.698	0mm	101	138.7	7.63	299.5	1.52	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n2	Bottom Face	0.698	0mm	101	138.7	7.63	89.7	2.21	0.04	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 73	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	265.1	0.61	0.00	Not required
	FR1 n5		0.323	0mm	-111.6	121.9	7.37				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	286.1	1.07	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	58.2	0.94	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	103.5	1.11	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	283.7	0.98	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	BT_Ant1	Bottom of Laptop	0.365	0mm	-4.8	145.2	0.29	287.2	1.02	0.00	Not required
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	61.5	0.52	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	290.9	1.24	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	290.0	0.56	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	109.5	1.28	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 74	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	287.8	1.43	0.01	Not required
	FR1 n5		0.687	0mm	108.8	143.3	7.67				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	296.8	1.93	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	72.9	1.67	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	106.8	1.88	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	310.5	1.61	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	67.4	1.56	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	290.6	2.26	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	306.3	1.51	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	97.5	2.20	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				



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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 75	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	280.9	0.78	0.00	Not required
	FR1 n66		0.491	0mm	-95.3	140.1	7.31				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	286.1	1.07	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	58.2	0.94	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n66	Bottom of Laptop	0.491	0mm	-95.3	140.1	7.31	85.4	1.28	0.02	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n66	Bottom of Laptop	0.491	0mm	-95.3	140.1	7.31	295.4	1.15	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	61.5	0.52	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B48_MIMO2	Bottom of Laptop	0.284	0mm	-65.6	-139.2	7.41	290.9	1.24	0.00	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 76	FR1 n66	Bottom of Laptop	0.491	0mm	-95.3	140.1	7.31	301.8	0.73	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n66	Bottom of Laptop	0.491	0mm	-95.3	140.1	7.31	90.9	1.45	0.02	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	277.8	1.40	0.01	Not required
	FR1 n66		0.656	0mm	101.1	134	7.62				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	296.8	1.93	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B48_MIMO2	Bottom Face	0.745	0mm	75.4	-142.6	7.59	72.9	1.67	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n66	Bottom Face	0.656	0mm	101.1	134	7.62	99.7	1.85	0.03	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n66	Bottom Face	0.656	0mm	101.1	134	7.62	299.2	1.58	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
Case 77	BT_Ant1	Bottom Face	0.494	0mm	11.6	140.8	1.05	289.5	1.42	0.01	Not required
	LTE B48_MIMO2		0.745	0mm	75.4	-142.6	7.59				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	67.4	1.56	0.03	Not required
	LTE B48_MIMO2		0.745	0mm	75.4	-142.6	7.59				
	WLAN5G_Ant1+BT_Ant1	Bottom Face	1.514	0mm	11.6	140.8	1.05	290.6	2.26	0.01	Not required
	FR1 n66		0.656	0mm	101.1	134	7.62				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	295.0	1.48	0.01	Not required
	FR1 n66		0.656	0mm	101.1	134	7.62				
	WLAN5G_Ant1+BT_Ant1	Bottom Face	1.514	0mm	11.6	140.8	1.05	90.0	2.17	0.04	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	WLAN5G_Ant1+BT_Ant1	Bottom Face	1.514	0mm	11.6	140.8	1.05	286.8	2.33	0.01	Not required
	LTE B66		0.706	0mm	-96.7	134	7.47				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	270.5	0.80	0.00	Not required
	LTE B66		0.706	0mm	-96.7	134	7.47				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	87.1	1.50	0.02	Not required
	LTE B66		0.706	0mm	-96.7	134	7.47				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	290.1	1.37	0.01	Not required
	FR1 n41 MIMO2		0.097	0mm	-69.8	-135.2	7.39				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.0	0.89	0.00	Not required
	FR1 n41 MIMO2		0.097	0mm	-69.8	-135.2	7.39				



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	WLAN2.4G_Ant2	Laptop	0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1	Bottom of Laptop	0.365	0mm	-4.8	145.2	0.29				
	LTE B66	Bottom of Laptop	0.706	0mm	-96.7	134	7.47	296.4	0.94	0.00	Not required
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07				
	LTE B66	Bottom of Laptop	0.706	0mm	-96.7	134	7.47	92.9	1.67	0.02	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	66.2	0.34	0.00	Not required
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n41 MIMO2	Bottom of Laptop	0.097	0mm	-69.8	-135.2	7.39	287.9	1.06	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
Case 78	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B66	Bottom Face	0.714	0mm	99.5	135.5	7.48	278.7	1.40	0.01	Not required
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34				
	LTE B66	Bottom Face	0.714	0mm	99.5	135.5	7.48	97.9	1.90	0.03	Not required
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81				
	LTE B66	Bottom Face	0.714	0mm	99.5	135.5	7.48	300.1	1.64	0.01	Not required
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	295.1	1.87	0.01	Not required
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	69.0	1.60	0.03	Not required
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84				
	BT_Ant1	Bottom Face	0.494	0mm	11.6	140.8	1.05	289.5	1.42	0.01	Not required
	LTE B66	Bottom Face	0.714	0mm	99.5	135.5	7.48	295.9	1.53	0.01	Not required
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81				
	LTE B66	Bottom Face	0.714	0mm	99.5	135.5	7.48	88.3	2.23	0.04	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom Face	1.514	0mm	11.6	140.8	1.05				
	FR1 n41 MIMO2	Bottom Face	0.681	0mm	71.4	-141.8	7.34	63.5	1.50	0.03	Not required
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81				
Case 79	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	268.8	0.75	0.00	Not required
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	286.3	1.22	0.00	Not required
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	48.6	1.09	0.02	Not required
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	103.5	1.11	0.01	Not required
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	283.7	0.98	0.00	Not required
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07				
	BT_Ant1	Bottom of Laptop	0.365	0mm	-4.8	145.2	0.29	287.2	1.02	0.00	Not required
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	51.8	0.67	0.01	Not required
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	290.9	1.39	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1	Bottom of Laptop	0.959	0mm	-4.8	145.2	0.29				
	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	290.0	0.56	0.00	Not required
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07				

	FR1 n5	Bottom of Laptop	0.323	0mm	-111.6	121.9	7.37	109.5	1.28	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 80	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	293.9	1.37	0.01	Not required
	FR1 n5		0.687	0mm	108.8	143.3	7.67				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	299.2	1.87	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	62.6	1.60	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	106.8	1.88	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	310.5	1.61	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	57.3	1.50	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	293.2	2.19	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	306.3	1.51	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n5	Bottom Face	0.687	0mm	108.8	143.3	7.67	97.5	2.20	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 81	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	268.8	0.63	0.00	Not required
	FR1 n12		0.206	0mm	-111.6	121.9	7.37				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	286.3	1.22	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	48.6	1.09	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n12	Bottom of Laptop	0.206	0mm	-111.6	121.9	7.37	103.5	1.00	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n12	Bottom of Laptop	0.206	0mm	-111.6	121.9	7.37	283.7	0.87	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	51.8	0.67	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	290.9	1.39	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n12	Bottom of Laptop	0.206	0mm	-111.6	121.9	7.37	290.0	0.44	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n12	Bottom of Laptop	0.206	0mm	-111.6	121.9	7.37	109.5	1.17	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 82	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	230.4	1.30	0.01	Not required
	FR1 n12		0.618	0mm	111.6	78.3	7.58				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	299.2	1.87	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	62.6	1.60	0.03	Not required



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Case 82	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	128.3	1.81	0.02	Not required
	FR1 n12		0.618	0mm	111.6	78.3	7.58				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	251.6	1.54	0.01	Not required
	FR1 n12		0.618	0mm	111.6	78.3	7.58				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	57.3	1.50	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	293.2	2.19	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n12	Bottom Face	0.618	0mm	111.6	78.3	7.58	247.0	1.44	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n12	Bottom Face	0.618	0mm	111.6	78.3	7.58	118.1	2.13	0.03	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 83	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	283.9	0.66	0.00	Not required
	FR1 n71		0.232	0mm	-95	140.1	7.33				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	286.3	1.22	0.00	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	48.6	1.09	0.02	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33	85.1	1.02	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33	295.4	0.89	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	51.8	0.67	0.01	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B66_MIMO2	Bottom of Laptop	0.427	0mm	-56	-141.1	7.3	290.9	1.39	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33	301.7	0.47	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n71	Bottom of Laptop	0.232	0mm	-95	140.1	7.33	90.6	1.19	0.01	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 84	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	230.4	1.31	0.01	Not required
	FR1 n71		0.632	0mm	111.6	78.3	7.6				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	299.2	1.87	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	62.6	1.60	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	128.3	1.82	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	251.6	1.55	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	57.3	1.50	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				



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	LTE B66_MIMO2	Bottom Face	0.679	0mm	65.3	-147.4	7.35	293.2	2.19	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	247.0	1.45	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n71	Bottom Face	0.632	0mm	111.6	78.3	7.6	118.1	2.15	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 85	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B71	Bottom of Laptop	0.257	0mm	-94.6	134	7.44	278.5	0.85	0.00	Not required
	FR1 n66 MIMO2		0.594	0mm	-51.1	-141.1	7.28				
	LTE B71	Bottom of Laptop	0.257	0mm	-94.6	134	7.44	85.0	1.05	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	LTE B71	Bottom of Laptop	0.257	0mm	-94.6	134	7.44	289.4	0.92	0.00	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	285.5	1.38	0.01	Not required
	WLAN2.4G_Ant1		0.789	0mm	-10.2	141.4	0.21				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	43.7	1.25	0.03	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant1	Bottom of Laptop	0.789	0mm	-10.2	141.4	0.21	283.4	1.45	0.01	Not required
	WLAN2.4G_Ant2		0.659	0mm	-7.6	-142	3.07				
	WLAN2.4G_Ant2	Bottom of Laptop	0.659	0mm	-7.6	-142	3.07	287.2	1.02	0.00	Not required
	BT_Ant1		0.365	0mm	-4.8	145.2	0.29				
	LTE B71	Bottom of Laptop	0.257	0mm	-94.6	134	7.44	295.7	0.50	0.00	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	LTE B71	Bottom of Laptop	0.257	0mm	-94.6	134	7.44	90.8	1.22	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	47.0	0.83	0.02	Not required
	WLAN5G_Ant2		0.238	0mm	-5.2	-147.8	-0.07				
	FR1 n66 MIMO2	Bottom of Laptop	0.594	0mm	-51.1	-141.1	7.28	290.1	1.55	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
	WLAN5G_Ant2	Bottom of Laptop	0.238	0mm	-5.2	-147.8	-0.07	293.0	1.20	0.00	Not required
	WLAN5G_Ant 1+BT_Ant1		0.959	0mm	-4.8	145.2	0.29				
Case 86	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B71	Bottom Face	0.717	0mm	110	81.5	7.36	233.2	1.41	0.01	Not required
	FR1 n66 MIMO2		0.695	0mm	65.3	-147.4	7.32				
	LTE B71	Bottom Face	0.717	0mm	110	81.5	7.36	125.2	1.91	0.02	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	LTE B71	Bottom Face	0.717	0mm	110	81.5	7.36	253.8	1.64	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	299.2	1.88	0.01	Not required
	WLAN2.4G_Ant1		1.189	0mm	2.2	145	1.81				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	62.6	1.62	0.03	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant1	Bottom Face	1.189	0mm	2.2	145	1.81	293.6	2.11	0.01	Not required
	WLAN2.4G_Ant2		0.921	0mm	3	-148.6	1.84				
	WLAN2.4G_Ant2	Bottom Face	0.921	0mm	3	-148.6	1.84	289.5	1.42	0.01	Not required
	BT_Ant1		0.494	0mm	11.6	140.8	1.05				
	LTE B71	Bottom Face	0.717	0mm	110	81.5	7.36	249.2	1.54	0.01	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	LTE B71	Bottom Face	0.717	0mm	110	81.5	7.36	115.1	2.23	0.03	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	57.3	1.51	0.03	Not required
	WLAN5G_Ant2		0.819	0mm	8.4	-146	0.81				
	FR1 n66 MIMO2	Bottom Face	0.695	0mm	65.3	-147.4	7.32	293.2	2.21	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
	WLAN5G_Ant2	Bottom Face	0.819	0mm	8.4	-146	0.81	286.8	2.33	0.01	Not required
	WLAN5G_Ant 1+BT_Ant1		1.514	0mm	11.6	140.8	1.05				
Case 87	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B66	Edge 2	0.428	0mm	-3.2	-103.8	7.14	92.6	1.69	0.02	Not required

WLAN5G_Ant1+BT_Ant1	1.263	0mm	0.4	-11.6	-0.57						
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MIMO2 Antenna

	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 2(MIMO)	WCDMA II	Bottom	1.107	0mm	101	137.1	7.49	100.2	1.60	0.02	Not required
	BT_Ant1	Face	0.494	0mm	1.2	143.8	1.71				
	WCDMA II	Bottom	1.107	0mm	101	137.1	7.49	301.0	1.88	0.01	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				
	BT_Ant1	Bottom	0.494	0mm	1.2	143.8	1.71	292.7	1.26	0.00	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				
Case 5(MIMO)	WCDMA IV	Bottom	1.189	0mm	99.5	135.5	7.53	98.8	1.68	0.02	Not required
	BT_Ant1	Face	0.494	0mm	1.2	143.8	1.71				
	WCDMA IV	Bottom	1.189	0mm	99.5	135.5	7.53	299.0	1.96	0.01	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				
	BT_Ant1	Bottom	0.494	0mm	1.2	143.8	1.71	292.7	1.26	0.00	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				
Case 12(MIMO)	LTE B7	Bottom	1.137	0mm	104.6	135.6	7.54	103.9	1.63	0.02	Not required
	BT_Ant1	Face	0.494	0mm	1.2	143.8	1.71				
	LTE B7	Bottom	1.137	0mm	104.6	135.6	7.54	300.8	1.91	0.01	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				
	BT_Ant1	Bottom	0.494	0mm	1.2	143.8	1.71	292.7	1.26	0.00	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				
Case 22(MIMO)	LTE B25	Bottom	1.124	0mm	101	135.5	7.32	100.3	1.62	0.02	Not required
	BT_Ant1	Face	0.494	0mm	1.2	143.8	1.71				
	LTE B25	Bottom	1.124	0mm	101	135.5	7.32	299.5	1.89	0.01	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				
	BT_Ant1	Bottom	0.494	0mm	1.2	143.8	1.71	292.7	1.26	0.00	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				
Case 35(MIMO)	LTE B66	Bottom	1.132	0mm	99.5	135.5	7.48	98.8	1.63	0.02	Not required
	BT_Ant1	Face	0.494	0mm	1.2	143.8	1.71				
	LTE B66	Bottom	1.132	0mm	99.5	135.5	7.48	299.0	1.90	0.01	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				
	BT_Ant1	Bottom	0.494	0mm	1.2	143.8	1.71	292.7	1.26	0.00	Not required
	WLAN5G_Ant1+2	Face	0.77	0mm	6.8	-148.8	4.23				

Test Engineer : Bob Cheng, Tom Jiang and Sing Lim

16. Uncertainty Assessment

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

17. References

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