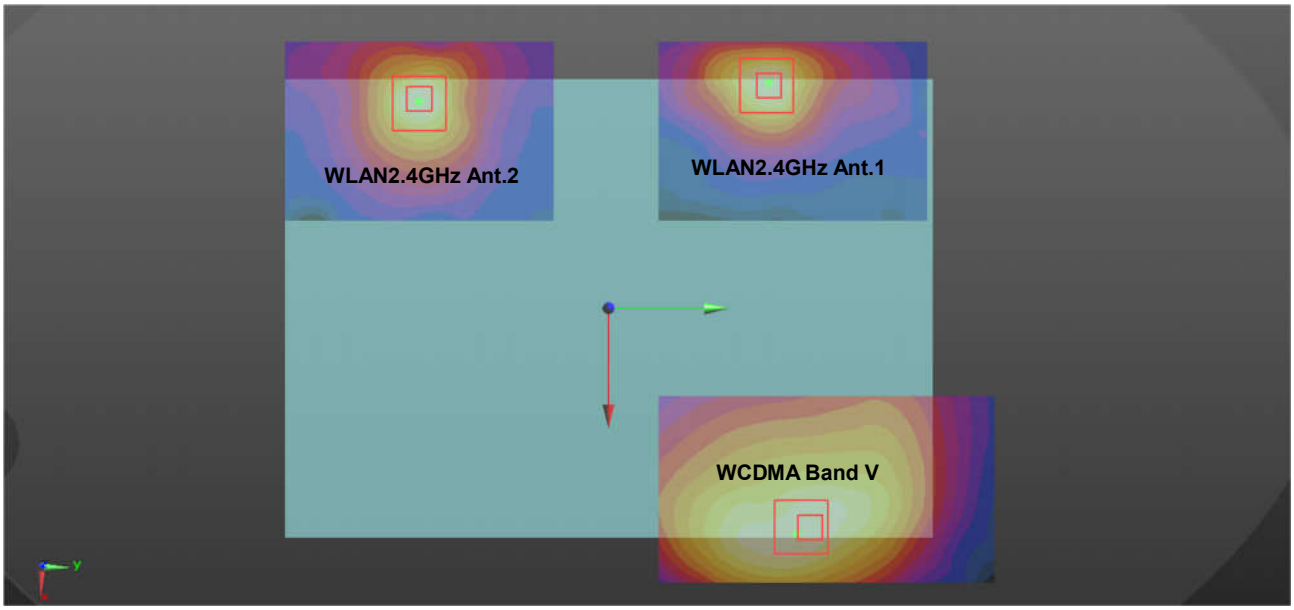
WWAN Band		Exposure Position	1	2	3	4	5	6	1+2+3			1+4+5			1+2+6			1+4+6		
			WWAN	2.4GHz WLAN Ant.1	2.4GHz WLAN Ant.2	5GHz WLAN Ant.1	5GHz WLAN Ant.2	Bluetooth Ant.2	Summed 1g SAR (W/kg)	SPLSR	Case No	Summed 1g SAR (W/kg)	SPLSR	Case No	Summed 1g SAR (W/kg)	SPLSR	Case No	Summed 1g SAR (W/kg)	SPLSR	Case No
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)												
LTE	Band 30	Bottom Face at 18mm	0.731	0.009	0.005	0.261	0.264	<0.001	0.75			1.26			0.74			0.99		
		Edge 1 at 18mm	0.614						0.61			0.61			0.61			0.61		
		Bottom at 0mm	1.014	1.180	1.124	1.194	0.952	0.420	**3.32**	**0.02**	**#69**	**3.16**	**0.02**	**#70**	**2.61**	**0.02**	**#71**	**2.63**	**0.02**	**#72**
		Bottom Face at 0mm	1.116	0.777	0.935	0.752	1.095	0.343	**2.83**	**0.02**	**#73**	**2.96**	**0.02**	**#74**	**2.24**	**0.01**	**#75**	**2.21**	**0.01**	**#76**
		Edge 1 at 0mm	0.382						0.38			0.38			0.38			0.38		
		Edge 4 at 0mm	0.070			0.089			0.07			0.16			0.07			0.16		
		Bottom Face at 10mm	0.375			0.493	0.693		0.38			1.56			0.38			0.87		
		Back of Display Screen at 25mm	N/A	0.009	0.010	0.017	0.038	N/A	0.02			0.06			0.01			0.02		
		Curved surface of Edge3		0.749	0.581	1.158	1.180	0.220	1.33			**2.34**	**0.02**	**#10**	0.97			1.38		
	Band 7	Bottom Face at 18mm	0.590	0.009	0.005	0.261	0.264	<0.001	0.60			1.12			0.60			0.85		
		Edge 1 at 18mm	0.922						0.92			0.92			0.92			0.92		
		Bottom at 0mm	1.010	1.180	1.124	1.194	0.952	0.420	**3.31**	**0.02**	**#77**	**3.16**	**0.02**	**#78**	**2.61**	**0.02**	**#79**	**2.62**	**0.02**	**#80**
		Bottom Face at 0mm	0.990	0.777	0.935	0.752	1.095	0.343	**2.70**	**0.02**	**#81**	**2.84**	**0.02**	**#82**	**2.11**	**0.01**	**#83**	**2.09**	**0.01**	**#84**
		Edge 1 at 0mm	0.338						0.34			0.34			0.34			0.34		
		Edge 4 at 0mm	0.072			0.089			0.07			0.16			0.07			0.16		
		Bottom Face at 10mm	0.418			0.493	0.693		0.42			**1.60**	**0.01**	**#85**	0.42			0.91		
		Back of Display Screen at 25mm	N/A	0.009	0.010	0.017	0.038	N/A	0.02			0.06			0.01			0.02		
		Curved surface of Edge3		0.749	0.581	1.158	1.180	0.220	1.33			**2.34**	**0.02**	**#10**	0.97			1.38		
	Band 41	Bottom Face at 18mm	0.491	0.009	0.005	0.261	0.264	<0.001	0.51			1.02			0.50			0.75		
		Edge 1 at 18mm	0.535						0.54			0.54			0.54			0.54		
		Bottom at 0mm	1.179	1.180	1.124	1.194	0.952	0.420	**3.48**	**0.02**	**#86**	**3.33**	**0.02**	**#87**	**2.78**	**0.02**	**#88**	**2.79**	**0.02**	**#89**
		Bottom Face at 0mm	0.964	0.777	0.935	0.752	1.095	0.343	**2.68**	**0.02**	**#90**	**2.81**	**0.02**	**#91**	**2.08**	**0.01**	**#92**	**2.06**	**0.01**	**#93**
		Edge 1 at 0mm	0.352						0.35			0.35			0.35			0.35		
		Edge 4 at 0mm	0.064			0.089			0.06			0.15			0.06			0.15		
		Bottom Face at 10mm	0.353			0.493	0.693		0.35			1.54			0.35			0.85		
		Back of Display Screen at 25mm	N/A	0.009	0.010	0.017	0.038	N/A	0.02			0.06			0.01			0.02		
		Curved surface of Edge3		0.749	0.581	1.158	1.180	0.220	1.33			**2.34**	**0.02**	**#10**	0.97			1.38		

16.2 SPLSR Evaluation and Analysis

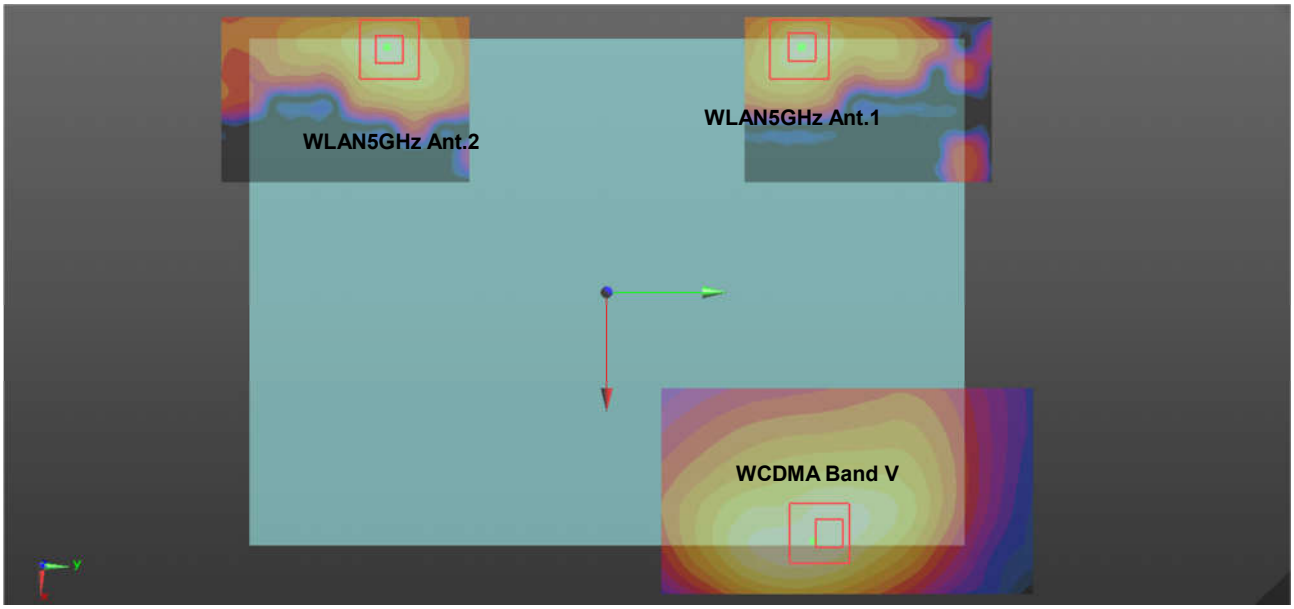
General Note:

1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of [(x1−x2)2 + (y1−y2)2 + (z1−z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. SPLSR = $(SAR_1 + SAR_2)^{1.5}$ / (*min. separation distance, mm*). If SPLSR ≤ 0.04, simultaneously transmission SAR measurement is not necessary.

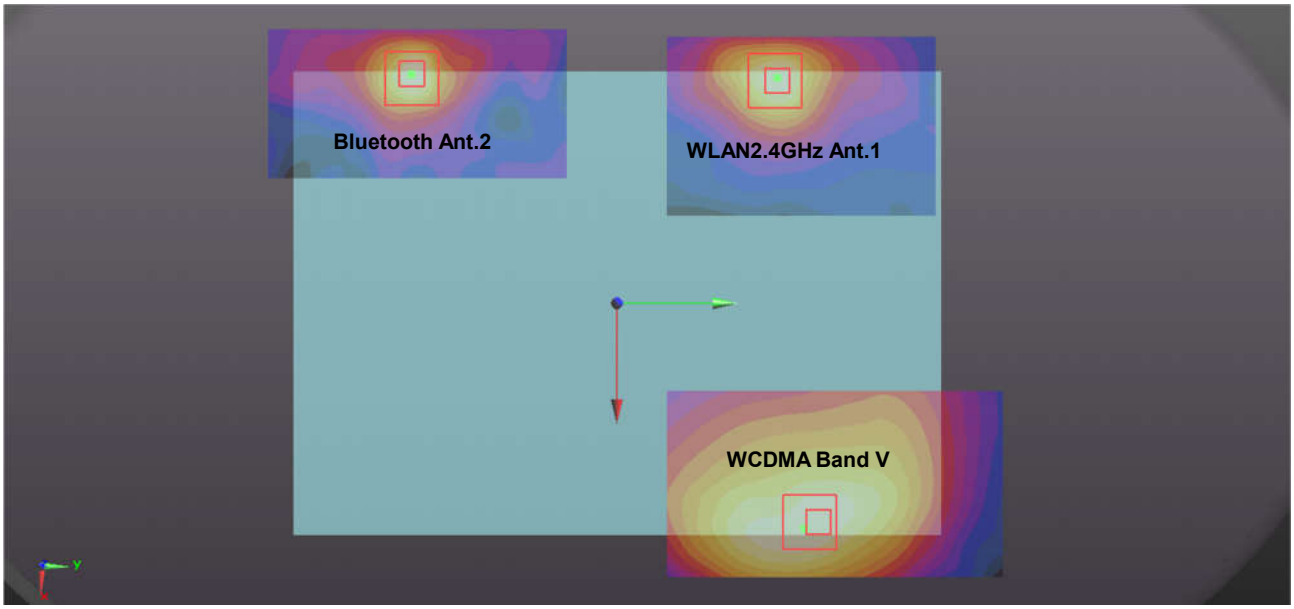
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #1	WCDMA Band V	Bottom	1.060	0	8.73	8.19	0.14	177.27	2.24	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	WCDMA Band V		1.060	0	8.73	8.19	0.14	235.12	2.18	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



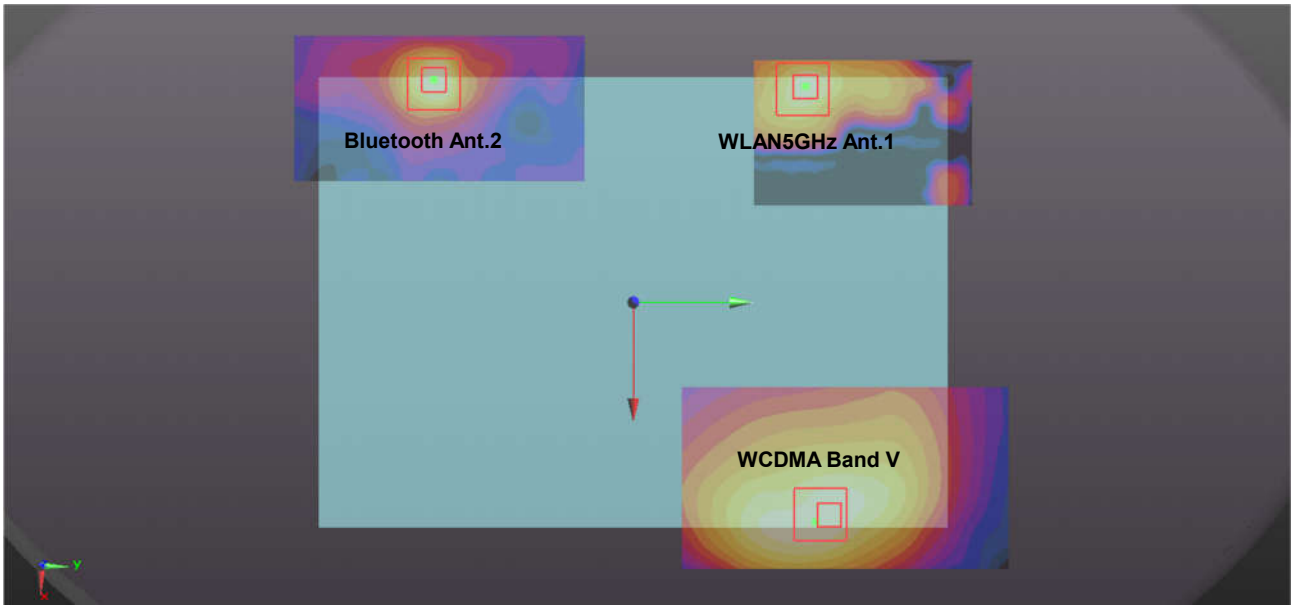
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #2	WCDMA Band V	Bottom	1.060	0	8.73	8.19	0.14	177.39	2.25	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	WCDMA Band V		1.060	0	8.73	8.19	0.14	238.23	2.01	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



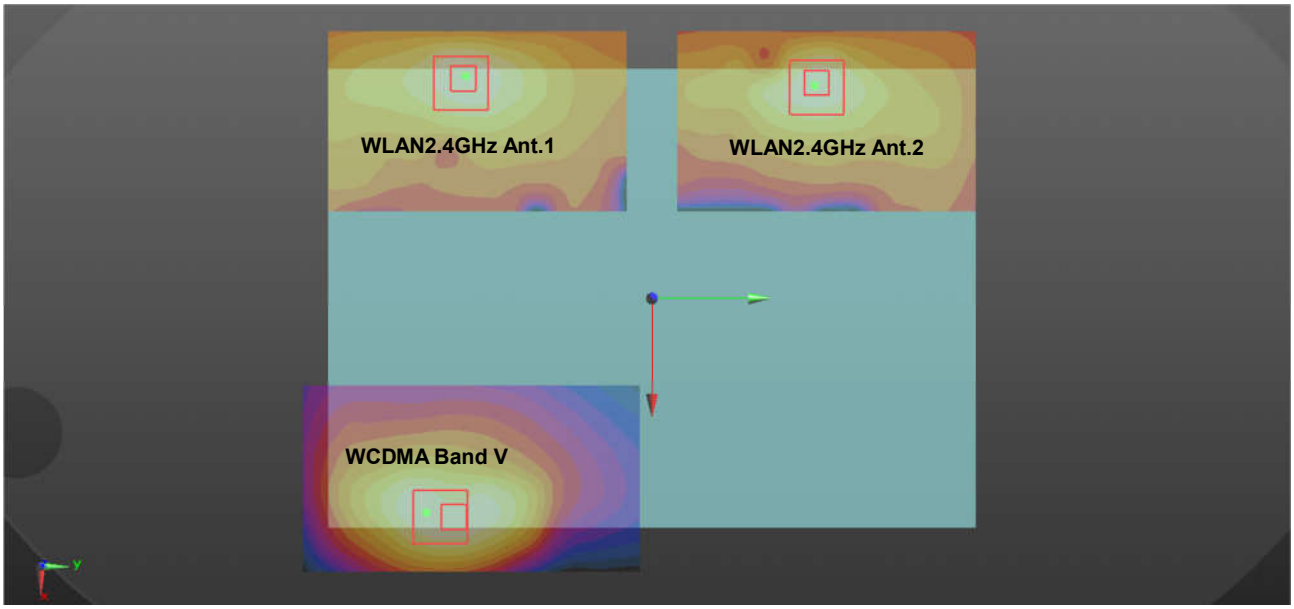
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #3	WCDMA Band V	Bottom	1.060	0	8.73	8.19	0.14	177.27	2.24	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	WCDMA Band V		1.060	0	8.73	8.19	0.14	245.30	1.48	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



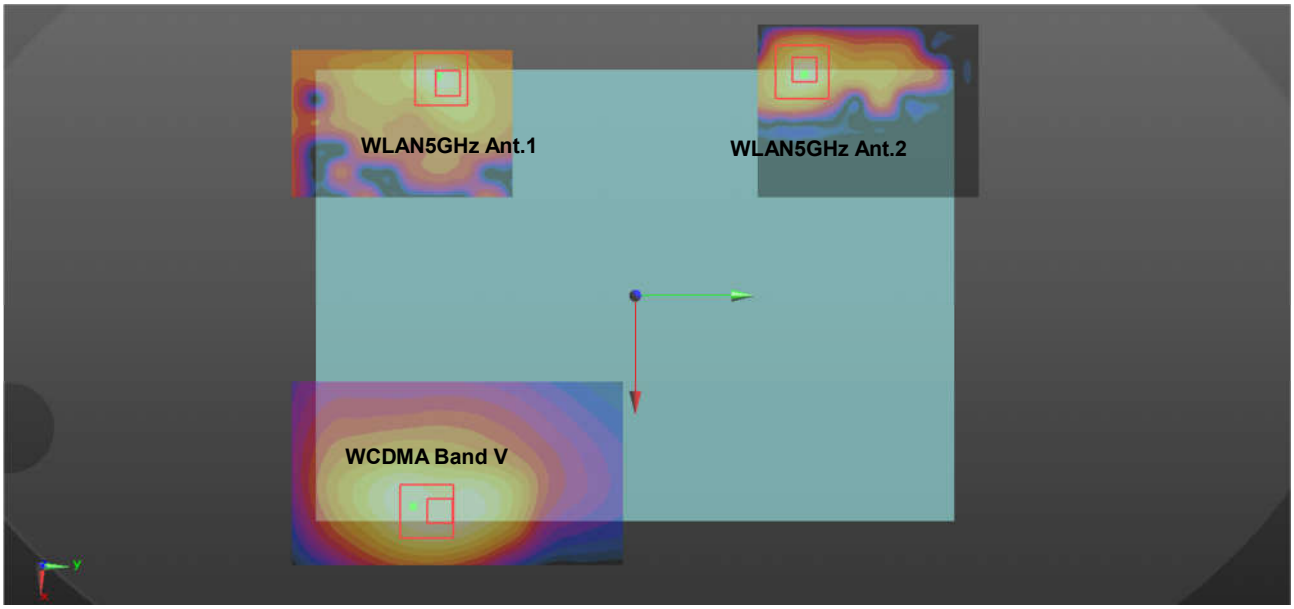
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #4	WCDMA Band V	Bottom	1.060	0	8.73	8.19	0.14	177.39	2.25	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	WCDMA Band V		1.060	0	8.73	8.19	0.14	245.30	1.48	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



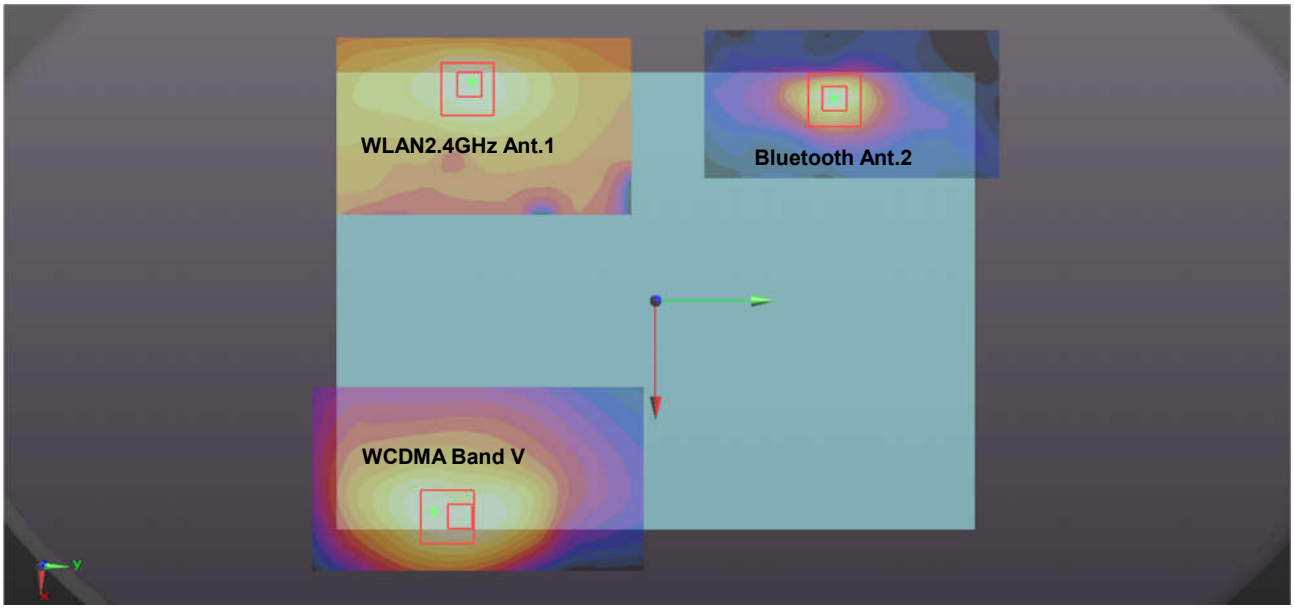
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #5	WCDMA Band V	Bottom Face	0.777	0	8.76	-7.45	0.12	176.60	1.55	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	WCDMA Band V		0.777	0	8.76	-7.45	0.12	218.30	1.71	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



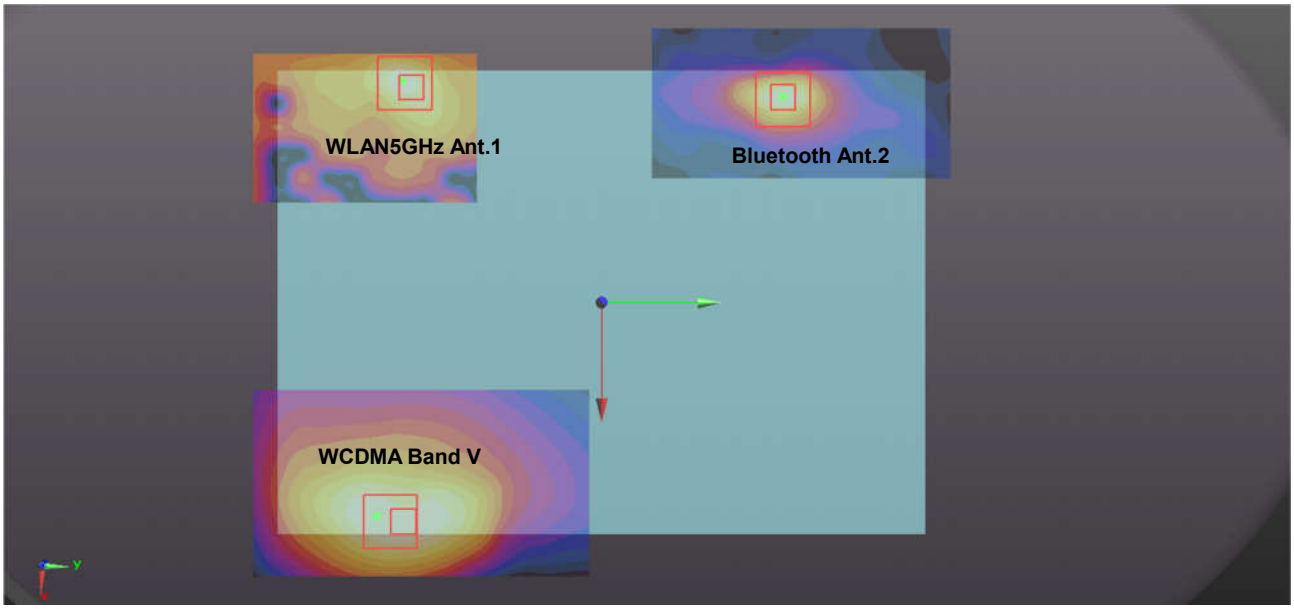
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #6	WCDMA Band V	Bottom Face	0.777	0	8.76	-7.45	0.12	174.21	1.53	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	WCDMA Band V		0.777	0	8.76	-7.45	0.12	229.58	1.87	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



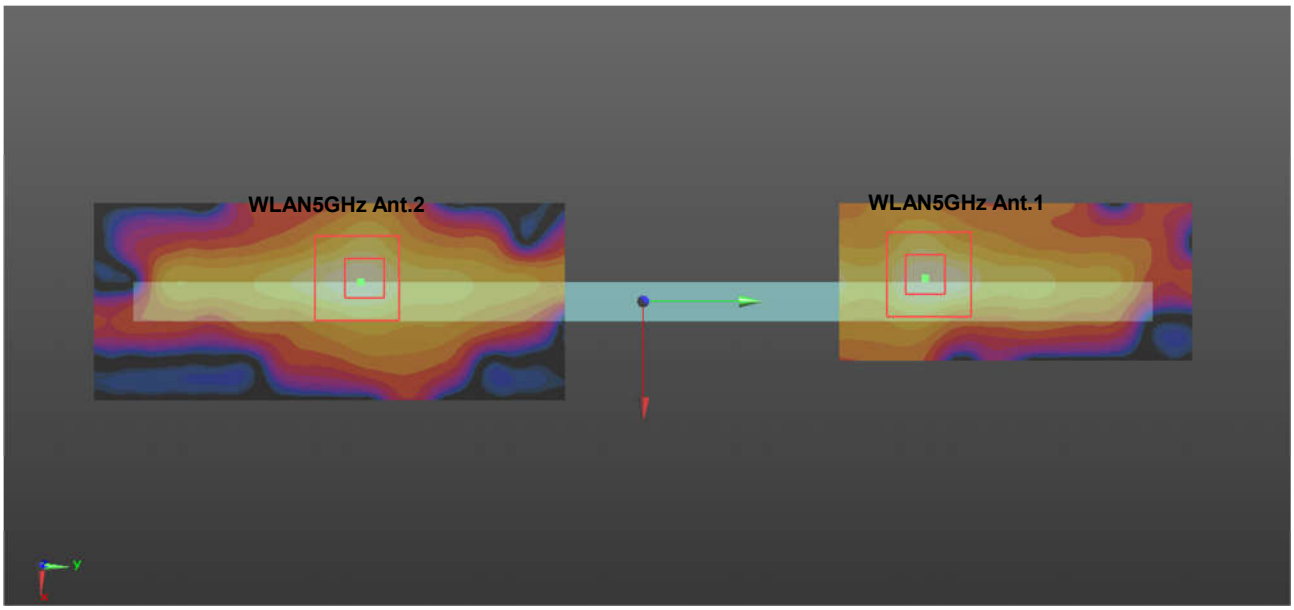
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #7	WCDMA Band V	Bottom Face	0.777	0	8.76	-7.45	0.12	176.60	1.55	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	WCDMA Band V		0.777	0	8.76	-7.45	0.12	224.53	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



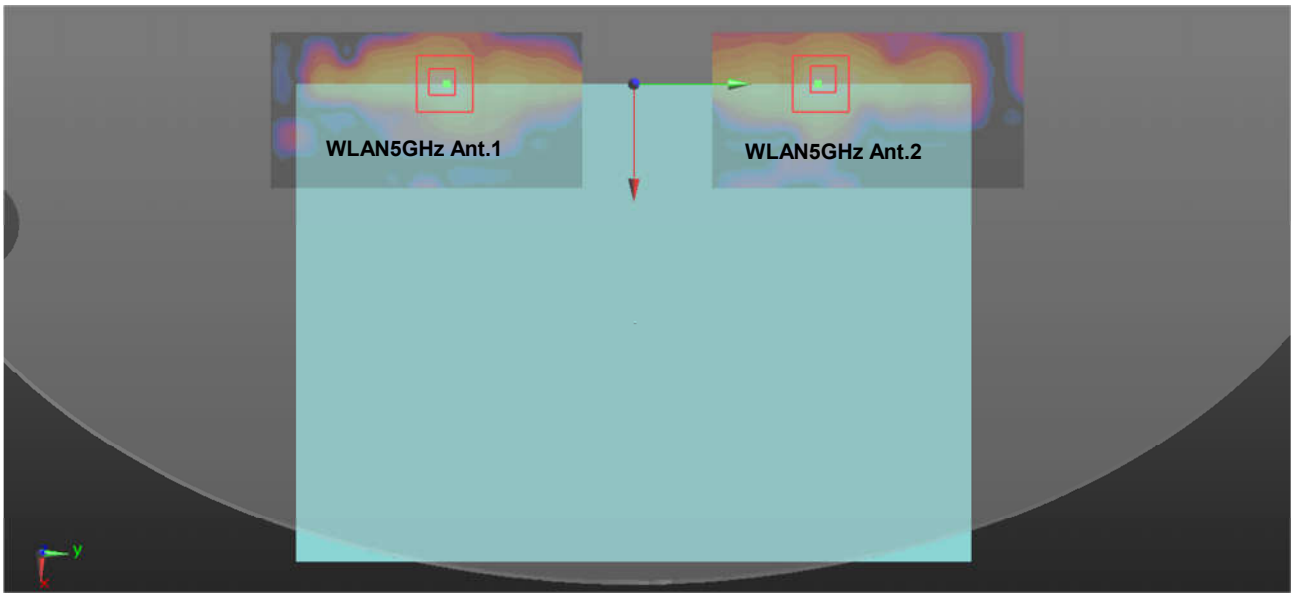
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #8	WCDMA Band V	Bottom Face	0.777	0	8.76	-7.45	0.12	174.21	1.53	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	WCDMA Band V		0.777	0	8.76	-7.45	0.12	224.53	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



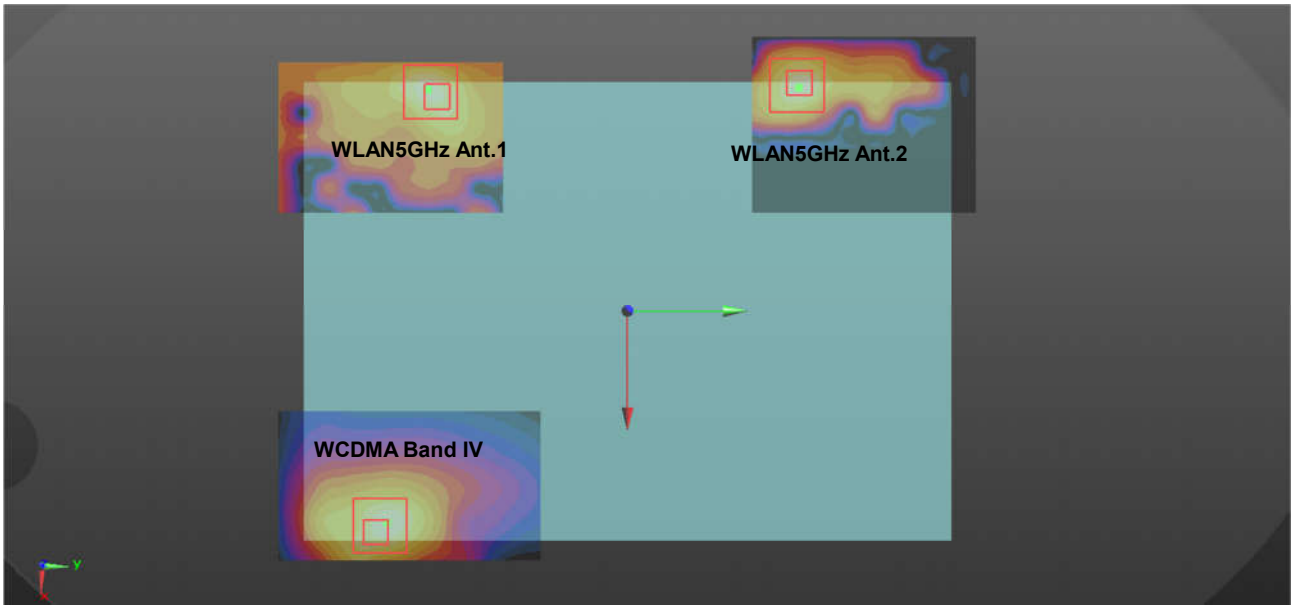
Case #9	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WLAN5GHz Ant.1	Edge 3	0.778	0	-0.68	7.20	0.04	144.00	1.72	0.02	Not required
	WLAN5GHz Ant.2		0.946	0	-0.58	-7.20	0.01				



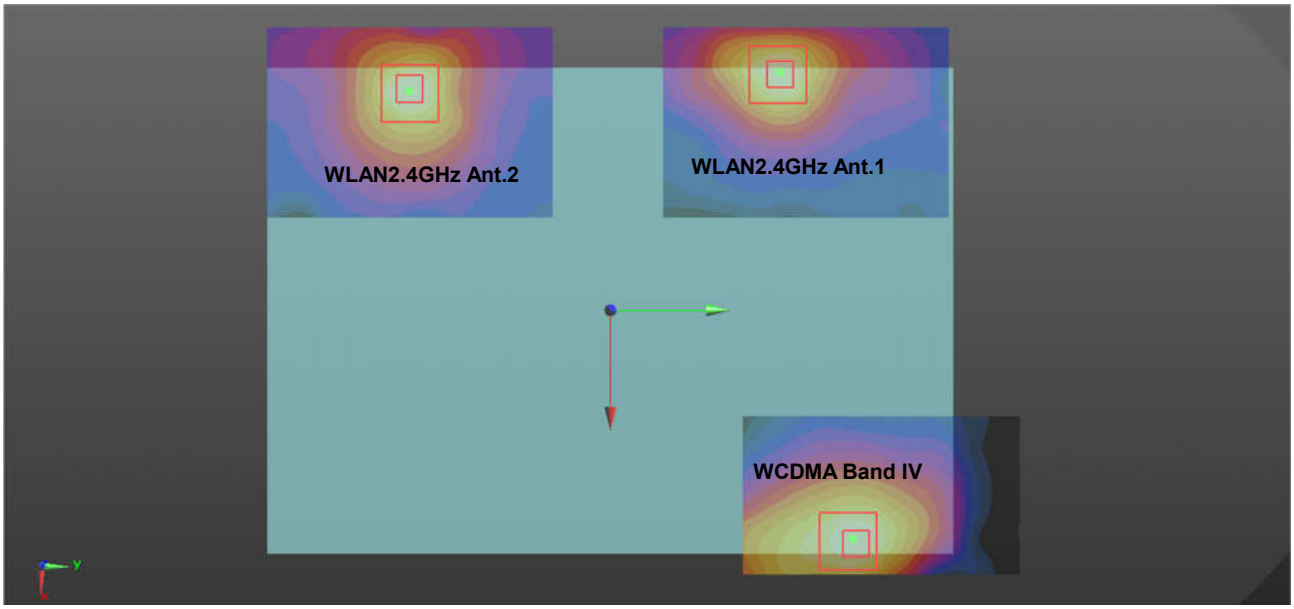
Case #10	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WLAN5GHz Ant.1	Curved surface of Edge3	1.158	0	-0.12	-7.51	-0.11	149.90	2.34	0.02	Not required
	WLAN5GHz Ant.2		1.180	0	-0.10	7.48	-0.02				



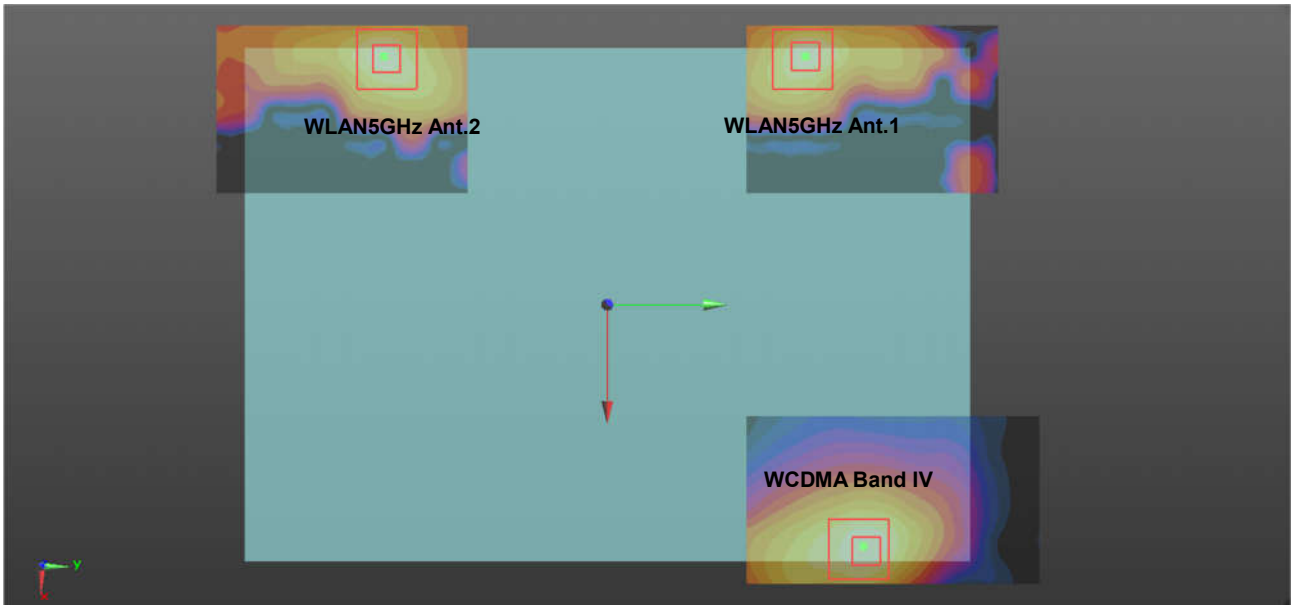
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #11	WCDMA Band IV	Bottom Face	1.088	18	9.15	-10.23	0.05	182.72	1.35	0.01	Not required
	WLAN5GHz Ant.1		0.261	18	-8.65	-6.11	-0.16				
	WCDMA Band IV		1.088	18	9.15	-10.23	0.05	247.00	0.50	0.00	Not required
	WLAN5GHz Ant.2		0.264	18	-8.36	7.18	-0.57				
	WLAN5GHz Ant.1		0.261	18	-8.65	-6.11	-0.16	132.99	0.53	0.00	Not required
	WLAN5GHz Ant.2		0.264	18	-8.36	7.18	-0.57				



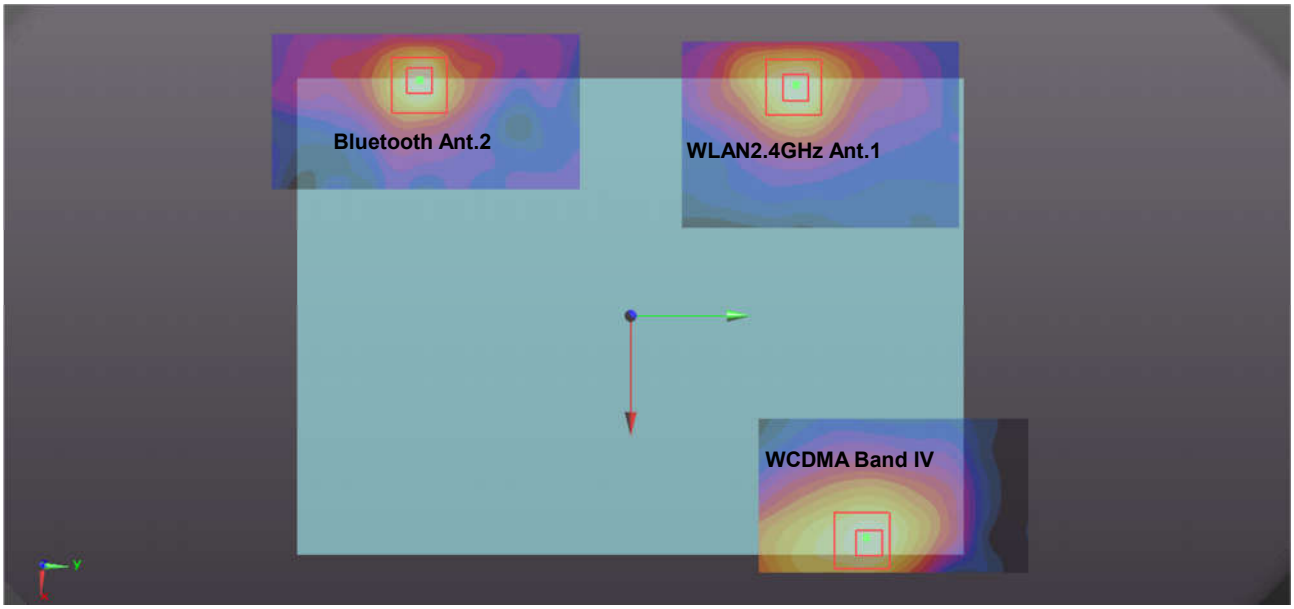
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #12	WCDMA Band IV	Bottom	1.173	0	8.81	9.52	0.12	179.79	2.35	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	WCDMA Band IV		1.173	0	8.81	9.52	0.12	244.88	2.30	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



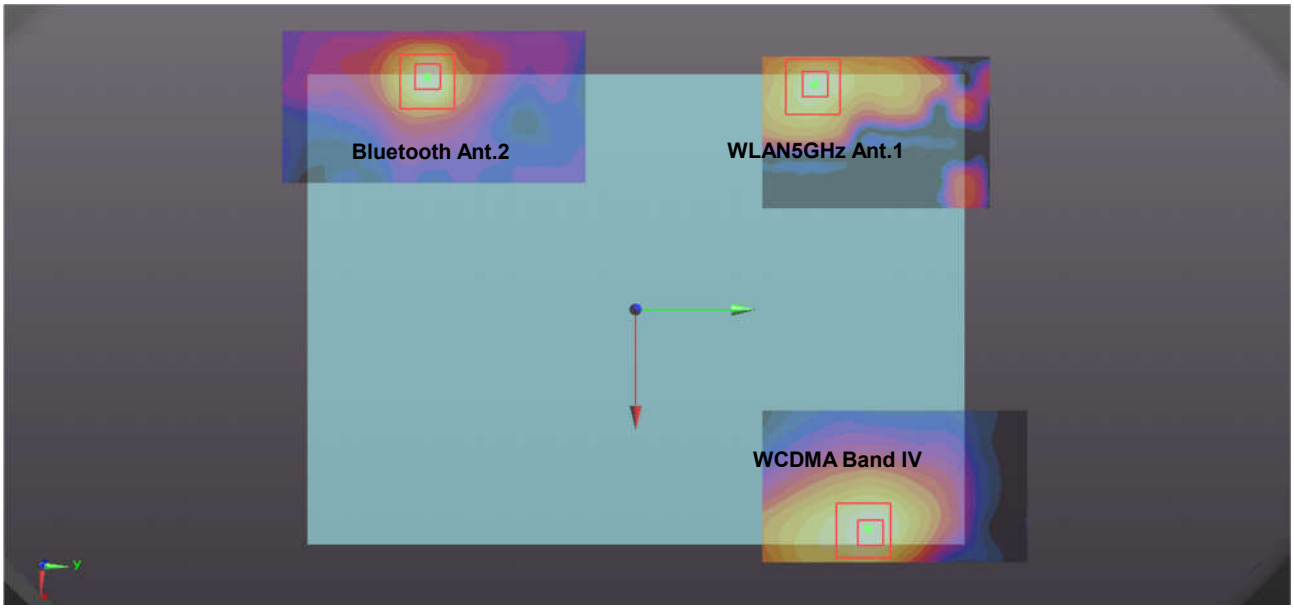
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #13	WCDMA Band IV	Bottom	1.173	0	8.81	9.52	0.12	179.43	2.37	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	WCDMA Band IV		1.173	0	8.81	9.52	0.12	247.99	2.13	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



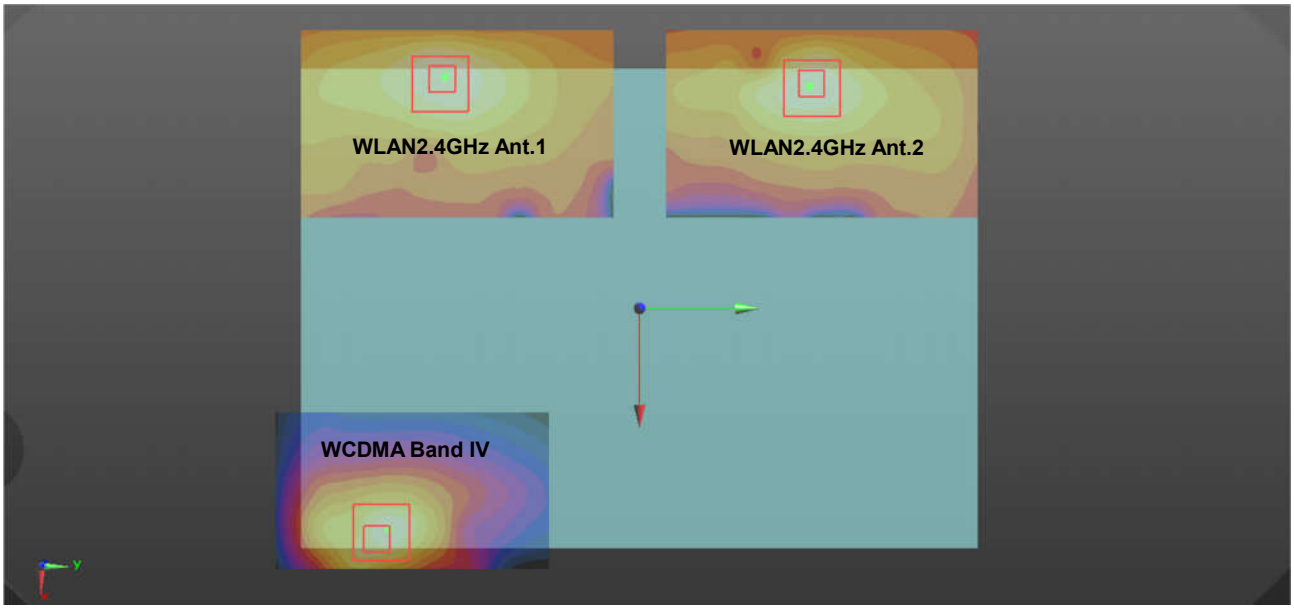
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #14	WCDMA Band IV	Bottom	1.173	0	8.81	9.52	0.12	179.79	2.35	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	WCDMA Band IV		1.173	0	8.81	9.52	0.12	255.07	1.59	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



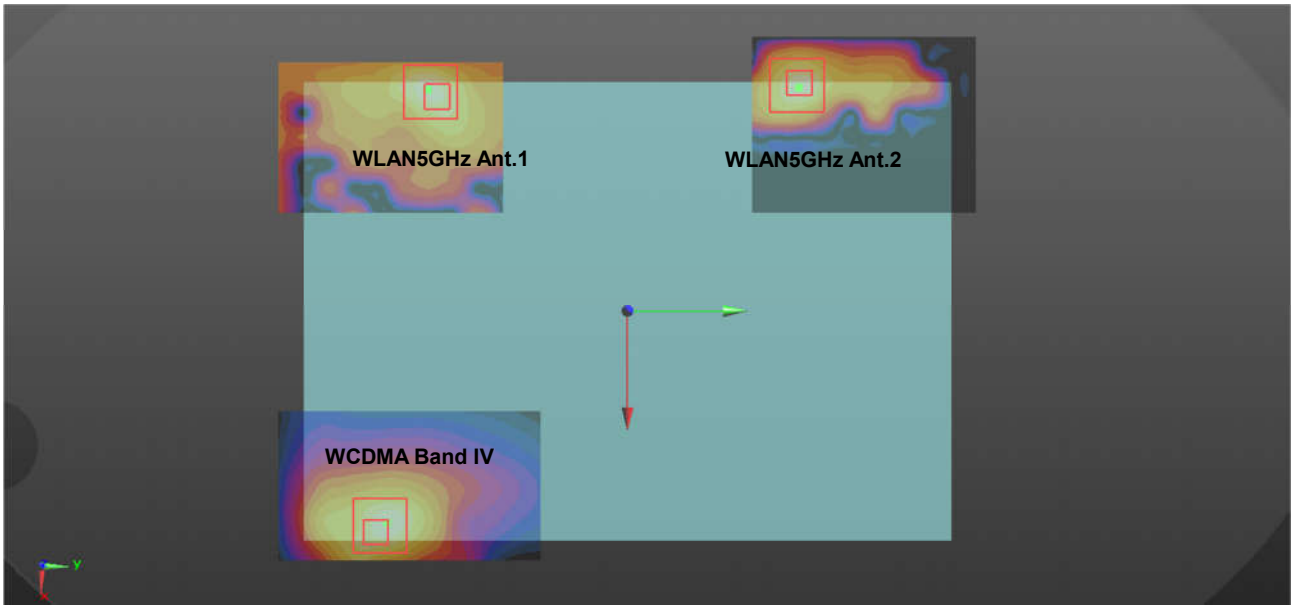
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #15	WCDMA Band IV	Bottom	1.173	0	8.81	9.52	0.12	179.43	2.37	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	WCDMA Band IV		1.173	0	8.81	9.52	0.12	255.07	1.59	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



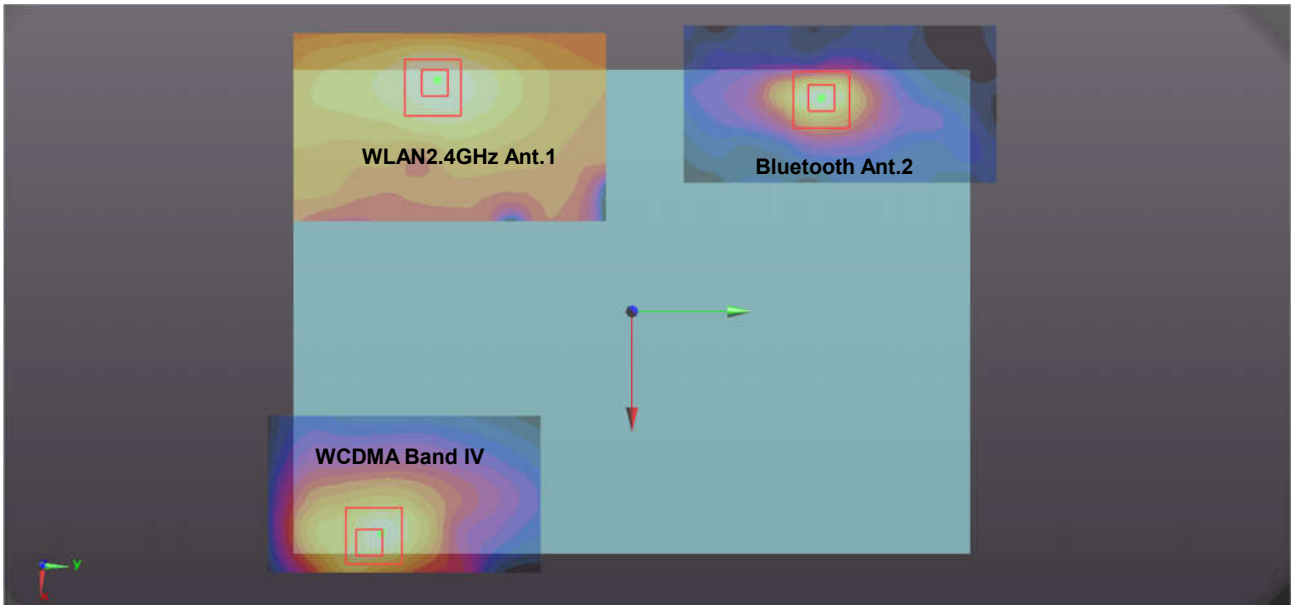
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #16	WCDMA Band IV	Bottom Face	1.080	0	9.14	-10.29	0.15	182.58	1.86	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	WCDMA Band IV		1.080	0	9.14	-10.29	0.15	239.76	2.02	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



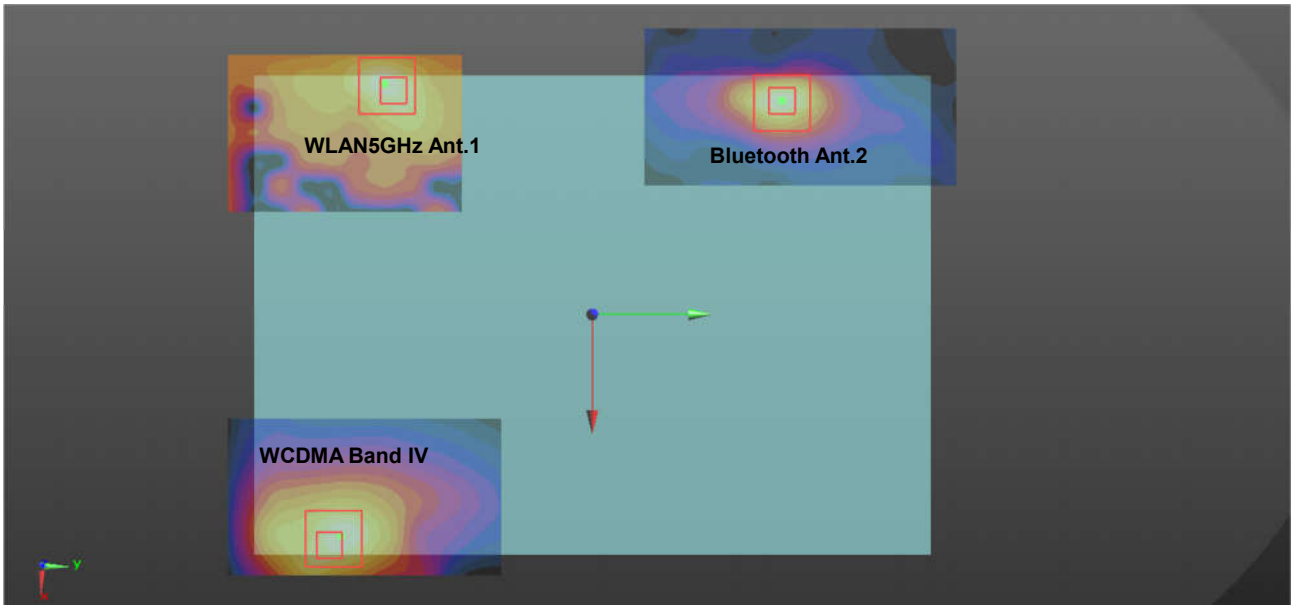
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #17	WCDMA Band IV	Bottom Face	1.080	0	9.14	-10.29	0.15	180.02	1.83	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	WCDMA Band IV		1.080	0	9.14	-10.29	0.15	251.08	2.18	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



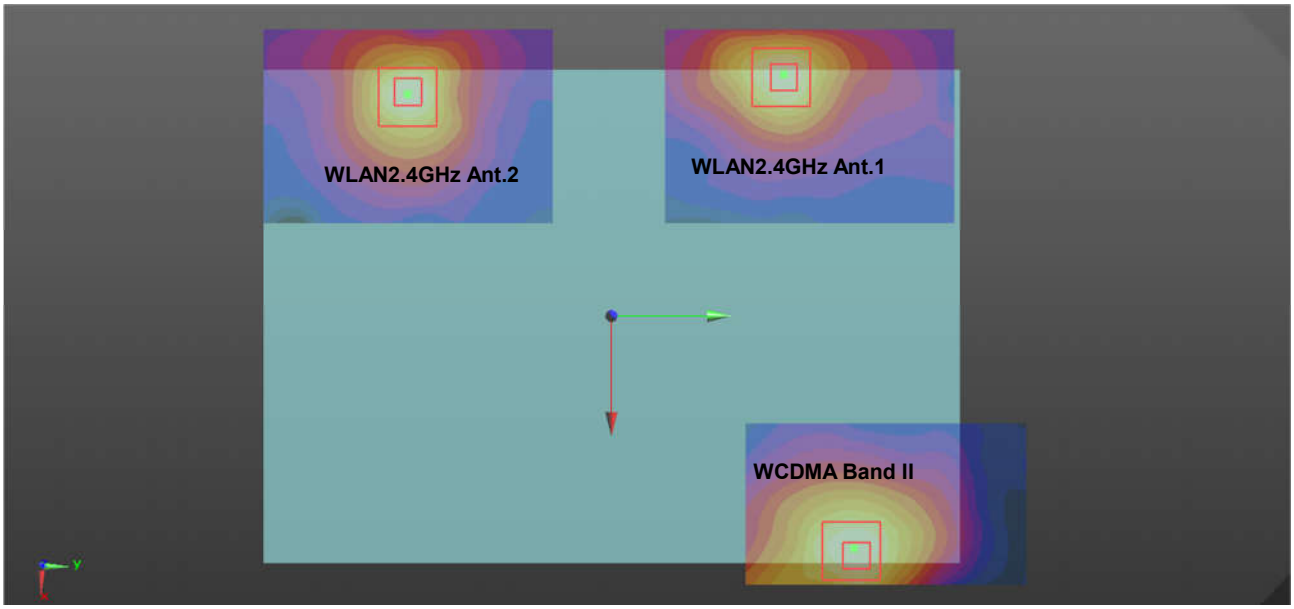
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #18	WCDMA Band IV	Bottom Face	1.080	0	9.14	-10.29	0.15	182.58	1.86	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	WCDMA Band IV		1.080	0	9.14	-10.29	0.15	246.45	1.42	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



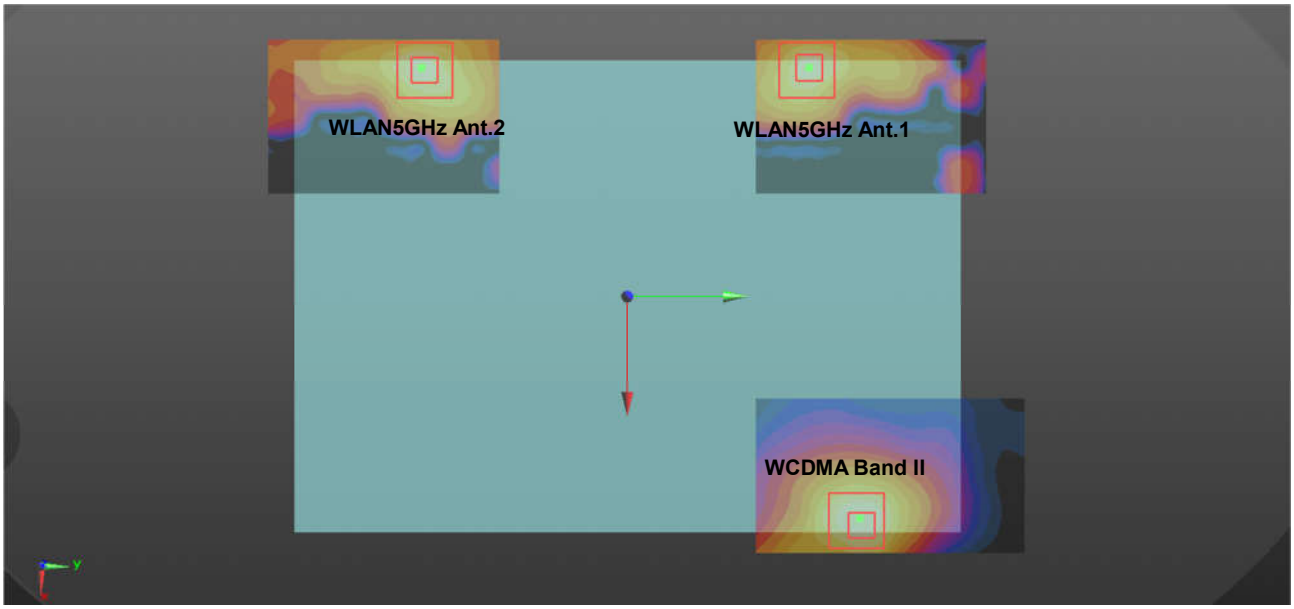
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #19	WCDMA Band IV	Bottom Face	1.080	0	9.14	-10.29	0.15	180.02	1.83	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	WCDMA Band IV		1.080	0	9.14	-10.29	0.15	246.45	1.42	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



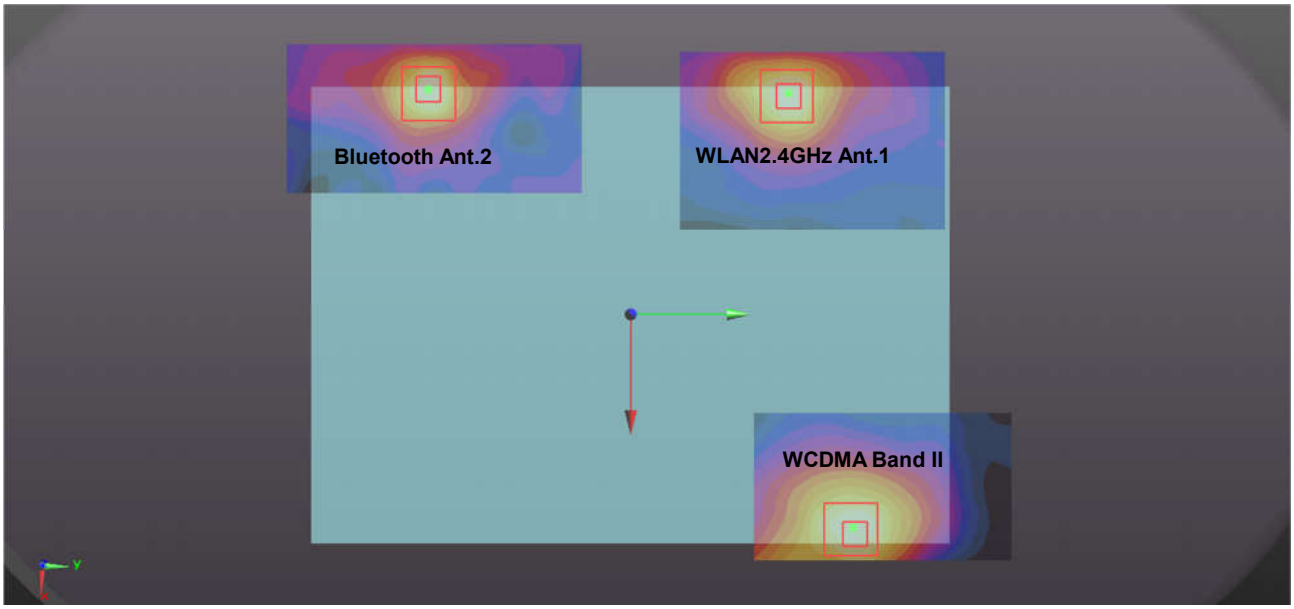
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #20	WCDMA Band II	Bottom	0.936	0	8.97	9.21	0.13	180.88	2.12	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	WCDMA Band II		0.936	0	8.97	9.21	0.13	243.86	2.06	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



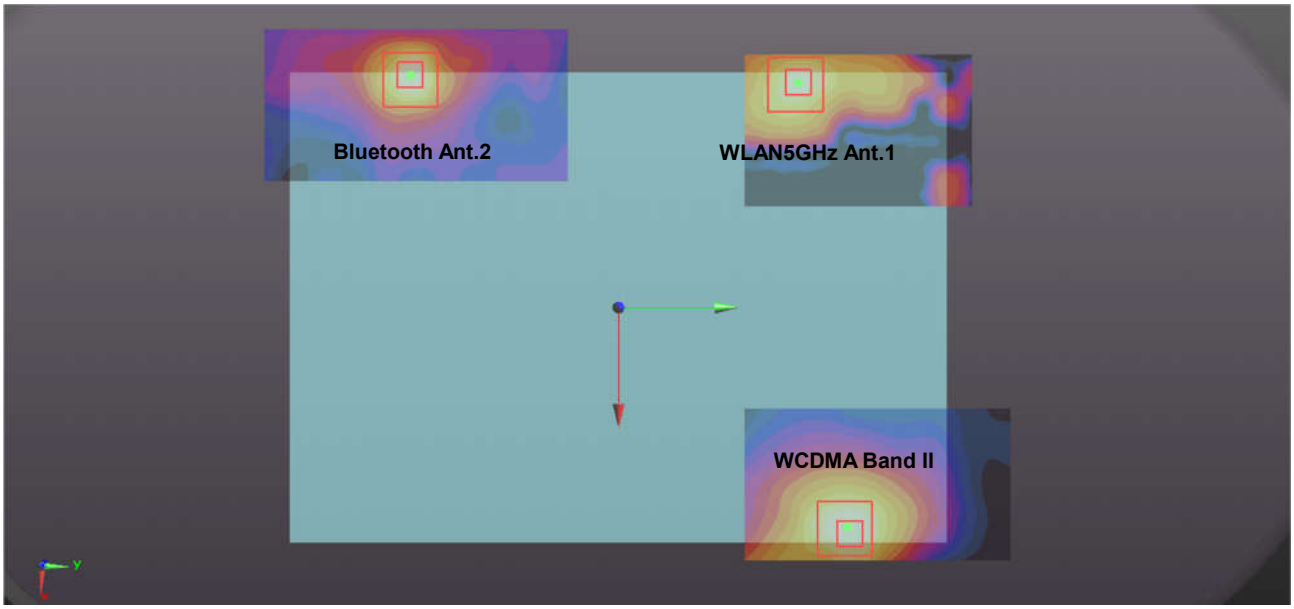
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #21	WCDMA Band II	Bottom	0.936	0	8.97	9.21	0.13	180.65	2.13	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	WCDMA Band II		0.936	0	8.97	9.21	0.13	246.97	1.89	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



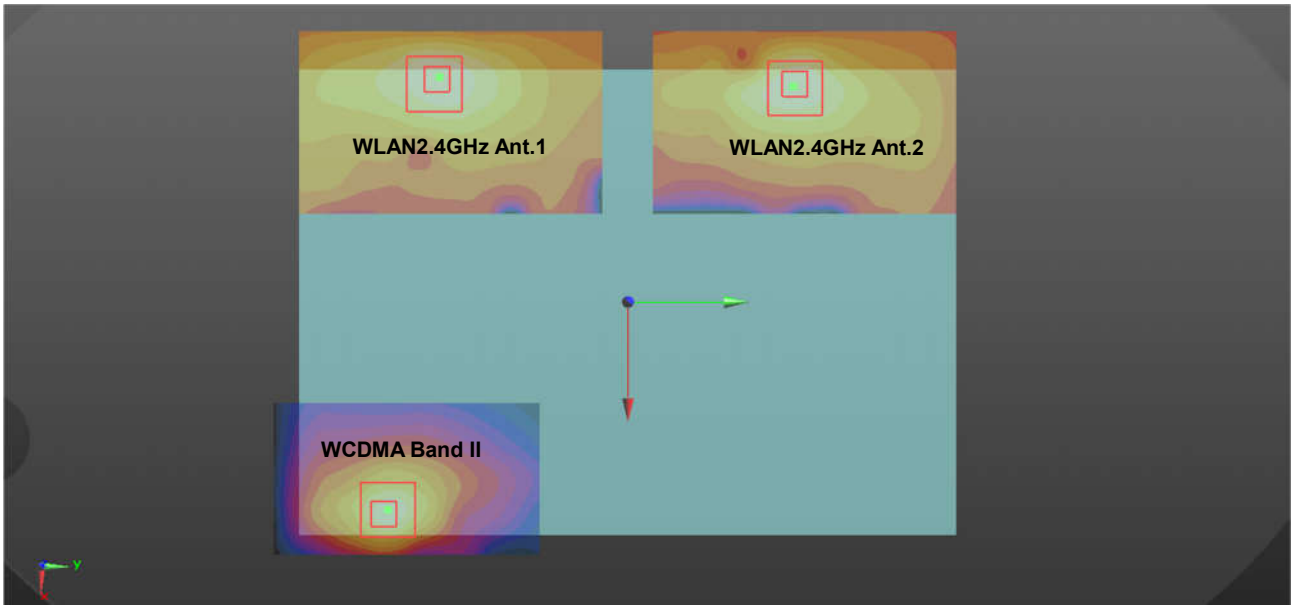
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #22	WCDMA Band II	Bottom	0.936	0	8.97	9.21	0.13	180.88	2.12	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	WCDMA Band II		0.936	0	8.97	9.21	0.13	254.04	1.36	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



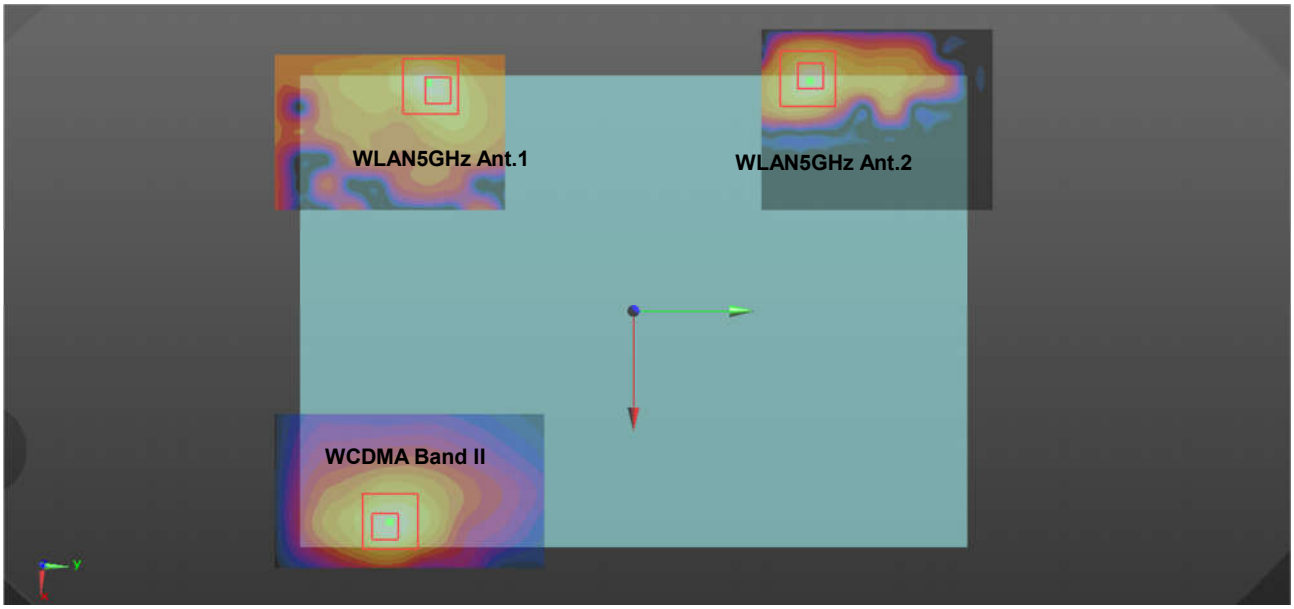
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #23	WCDMA Band II	Bottom	0.936	0	8.97	9.21	0.13	180.65	2.13	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	WCDMA Band II		0.936	0	8.97	9.21	0.13	254.04	1.36	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



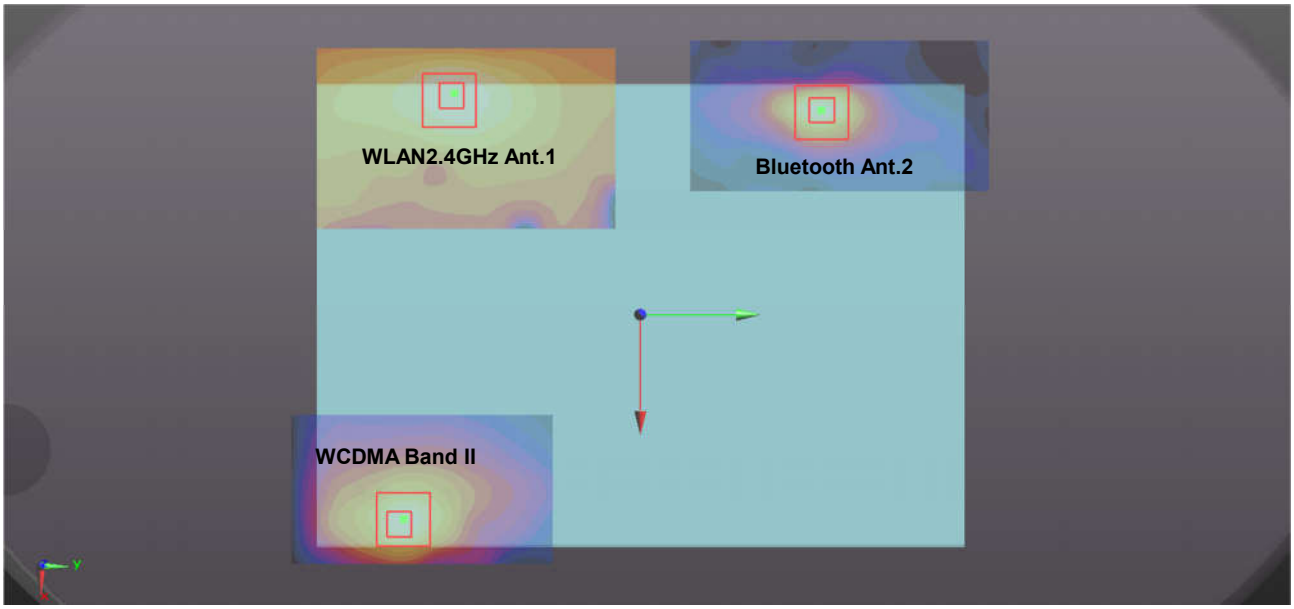
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #24	WCDMA Band II	Bottom Face	1.036	0	8.68	-9.82	0.13	177.35	1.81	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	WCDMA Band II		1.036	0	8.68	-9.82	0.13	233.19	1.97	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



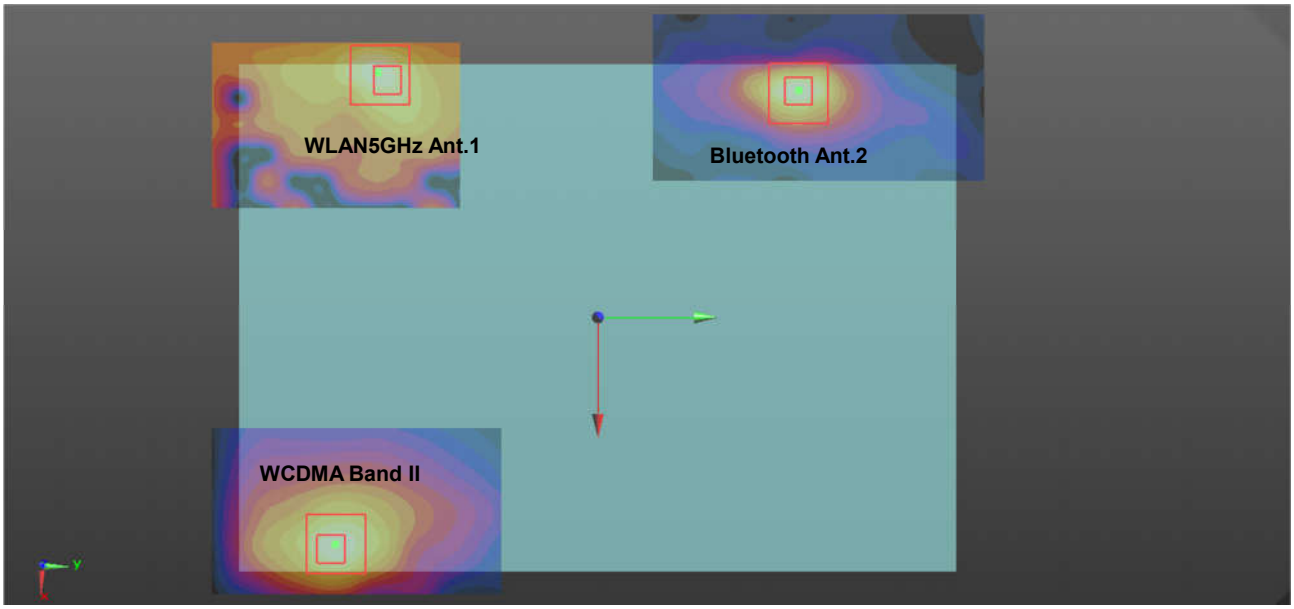
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #25	WCDMA Band II	Bottom Face	1.036	0	8.68	-9.82	0.13	174.82	1.79	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	WCDMA Band II		1.036	0	8.68	-9.82	0.13	244.51	2.13	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



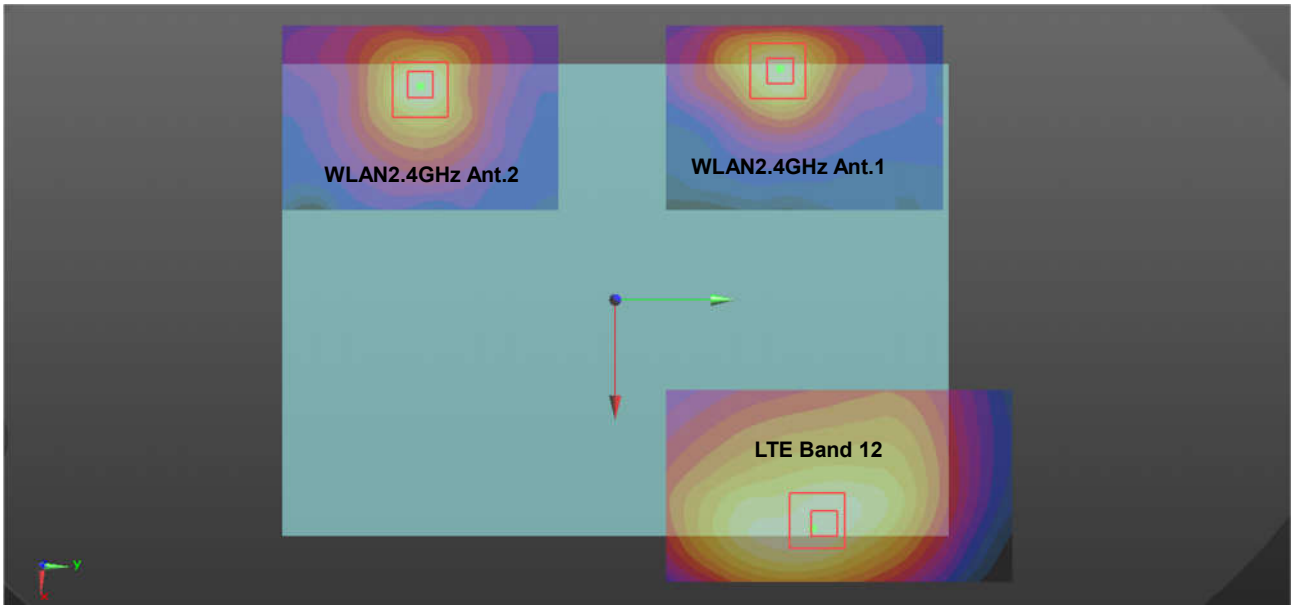
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #26	WCDMA Band II	Bottom Face	1.036	0	8.68	-9.82	0.13	177.35	1.81	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	WCDMA Band II		1.036	0	8.68	-9.82	0.13	239.88	1.38	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



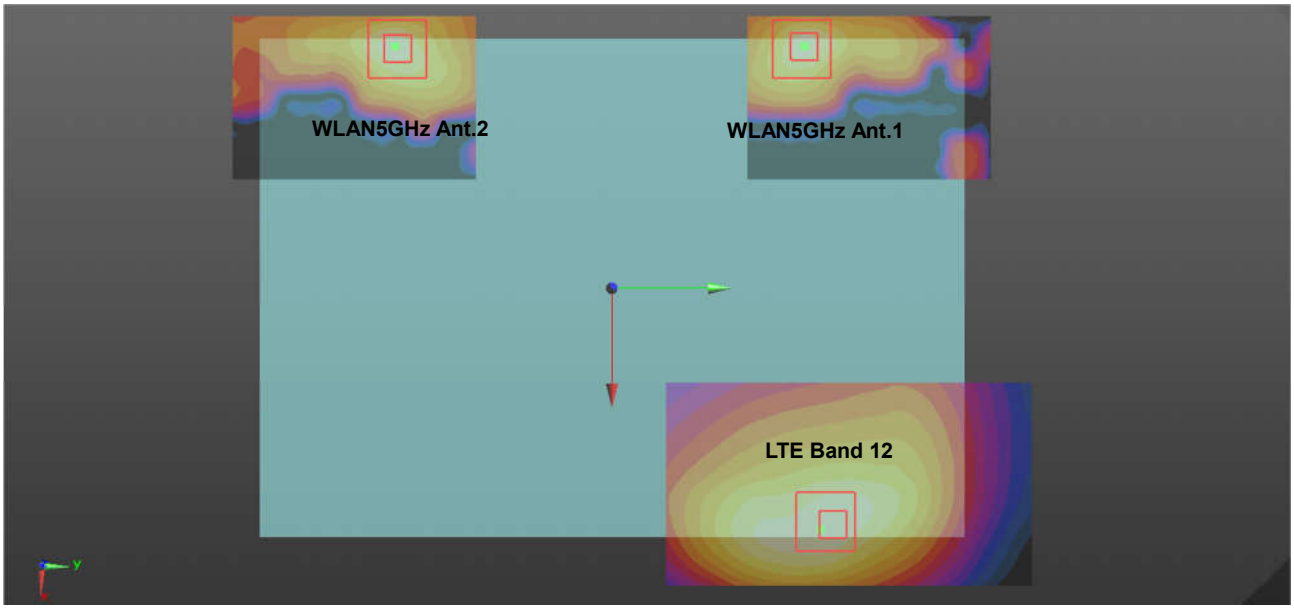
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #27	WCDMA Band II	Bottom Face	1.036	0	8.68	-9.82	0.13	174.82	1.79	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	WCDMA Band II		1.036	0	8.68	-9.82	0.13	239.88	1.38	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



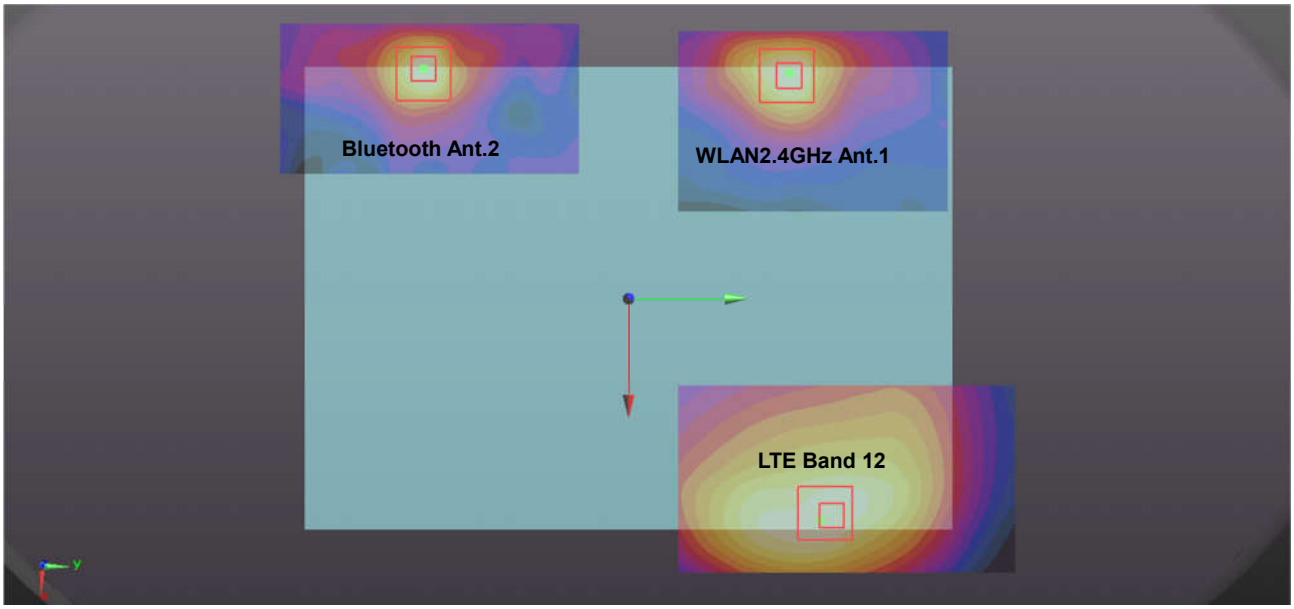
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #28	LTE Band 12	Bottom	1.139	0	8.74	8.34	0.14	177.52	2.32	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 12		1.139	0	8.74	8.34	0.14	236.21	2.26	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



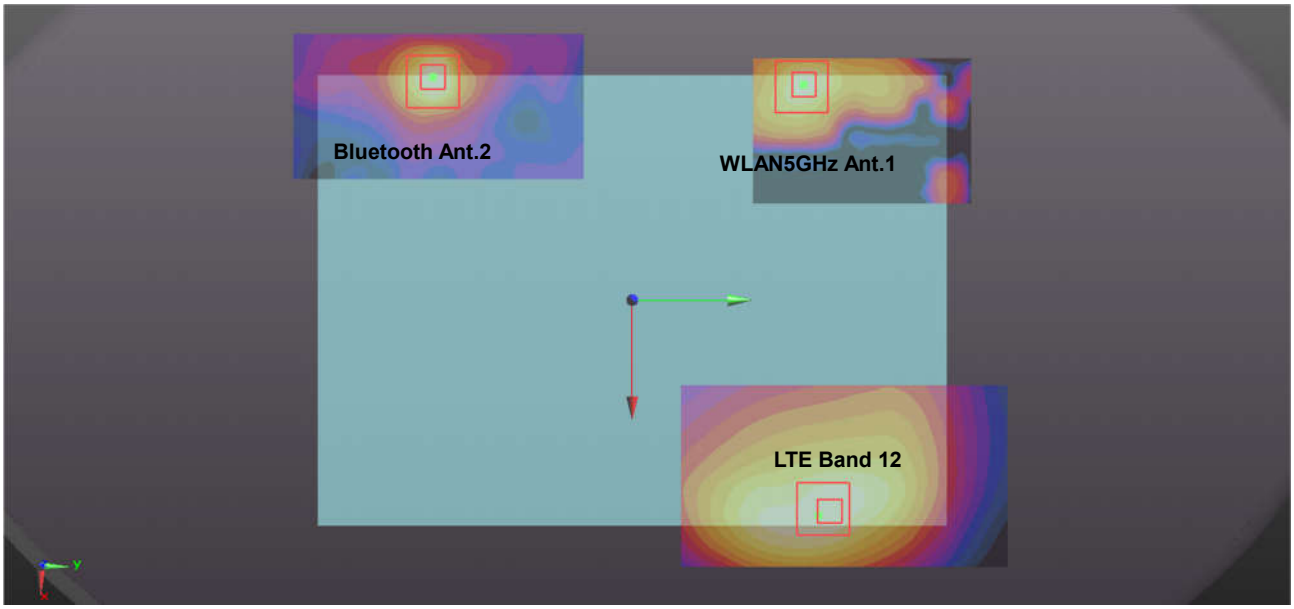
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #29	LTE Band 12	Bottom	1.139	0	8.74	8.34	0.14	177.58	2.33	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 12		1.139	0	8.74	8.34	0.14	239.32	2.09	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



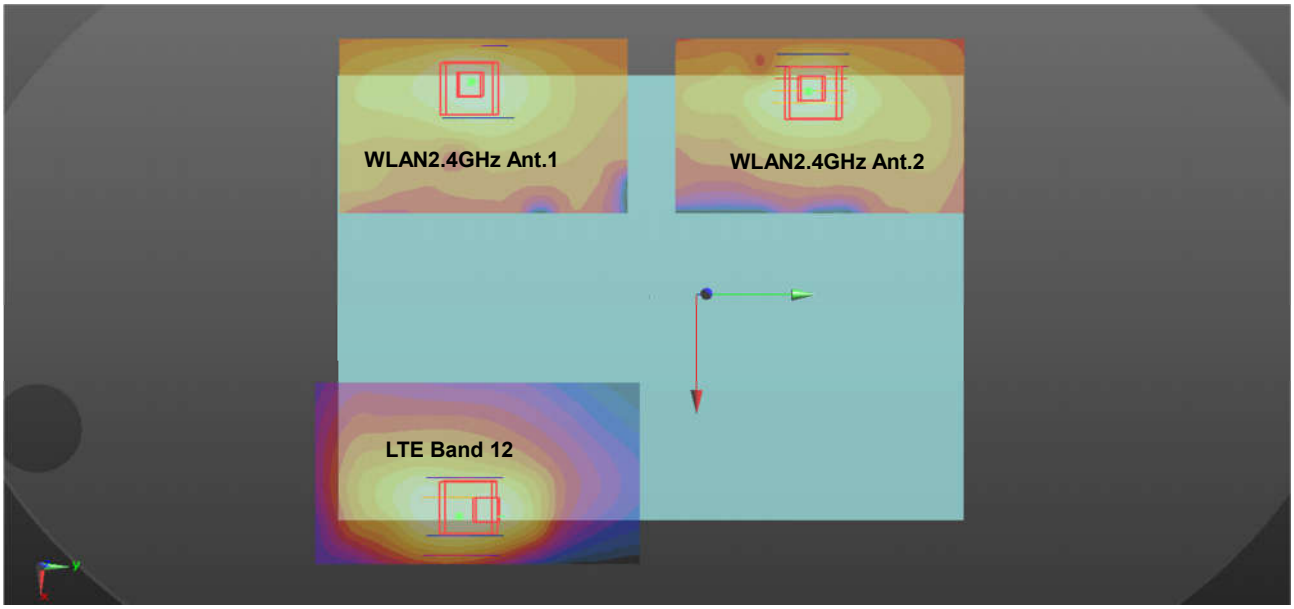
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #30	LTE Band 12	Bottom	1.139	0	8.74	8.34	0.14	177.52	2.32	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 12		1.139	0	8.74	8.34	0.14	246.39	1.56	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



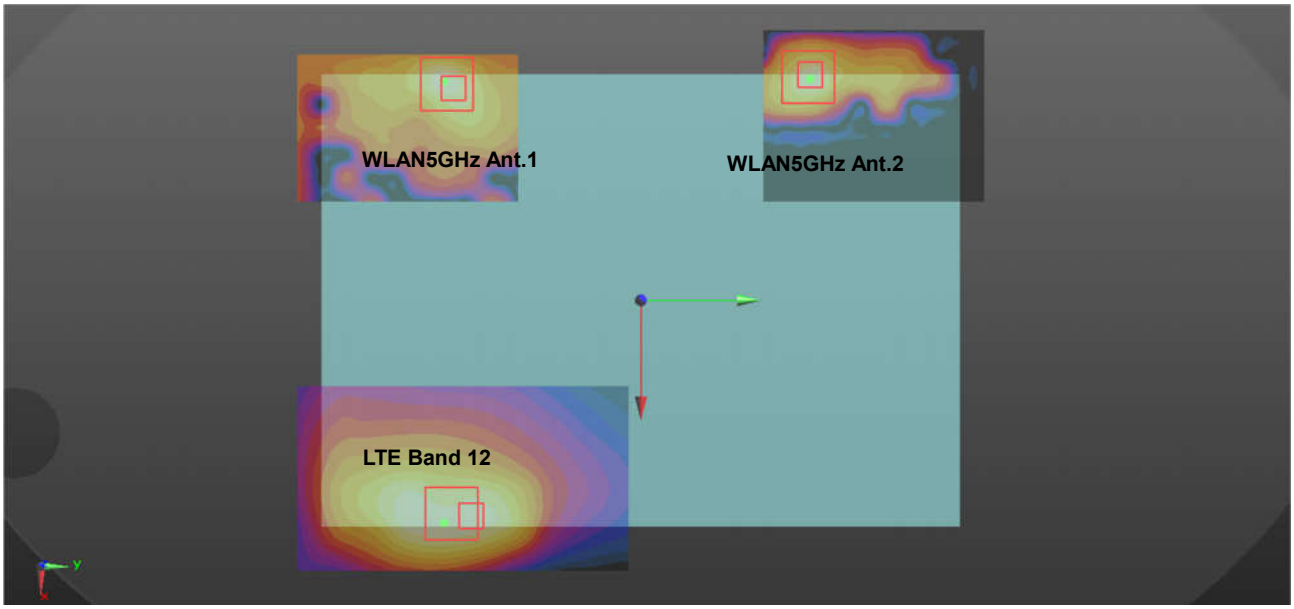
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #31	LTE Band 12	Bottom	1.139	0	8.74	8.34	0.14	177.58	2.33	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 12		1.139	0	8.74	8.34	0.14	246.39	1.56	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



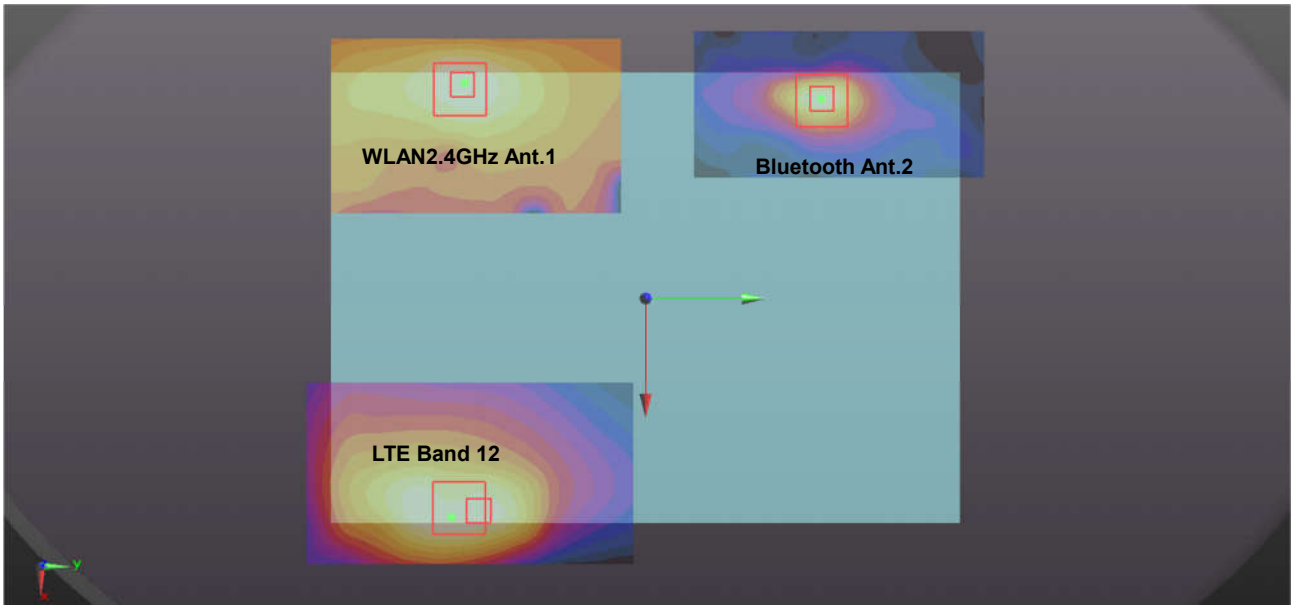
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #32	LTE Band 12	Bottom Face	0.539	0	8.88	-6.40	0.13	178.13	1.32	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 12		0.539	0	8.88	-6.40	0.13	212.91	1.47	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



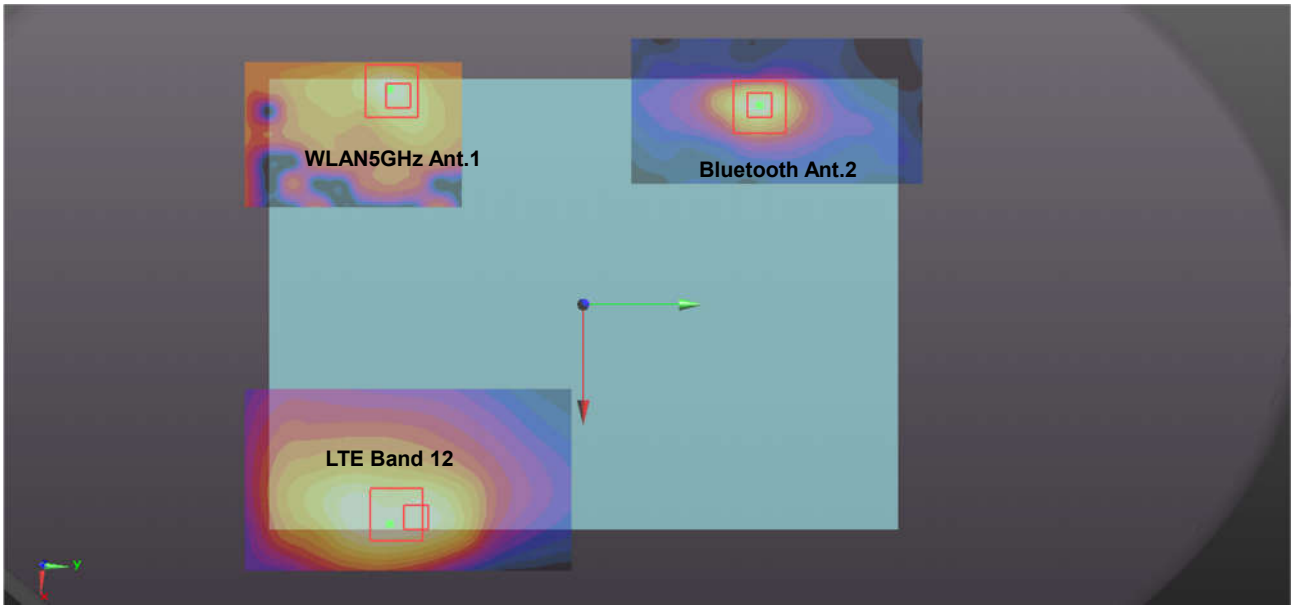
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #33	LTE Band 12	Bottom Face	0.539	0	8.88	-6.40	0.13	175.81	1.29	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 12		0.539	0	8.88	-6.40	0.13	224.13	1.63	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



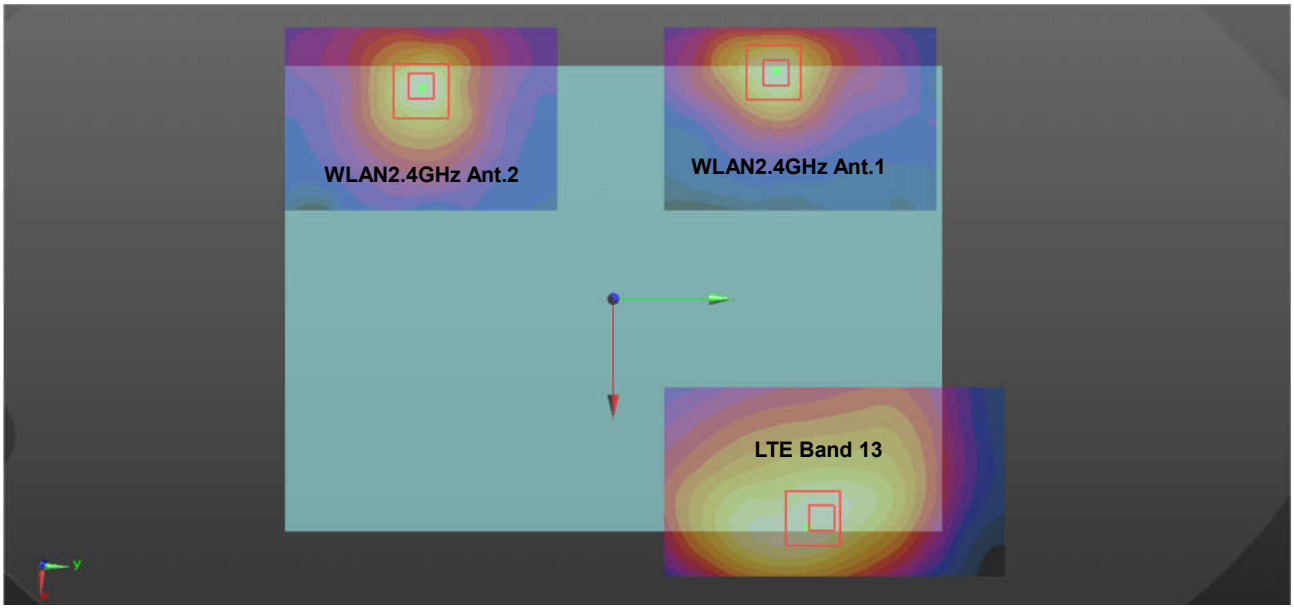
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #34	LTE Band 12	Bottom Face	0.539	0	8.88	-6.40	0.13	178.13	1.32	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 12		0.539	0	8.88	-6.40	0.13	218.88	0.88	0.00	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



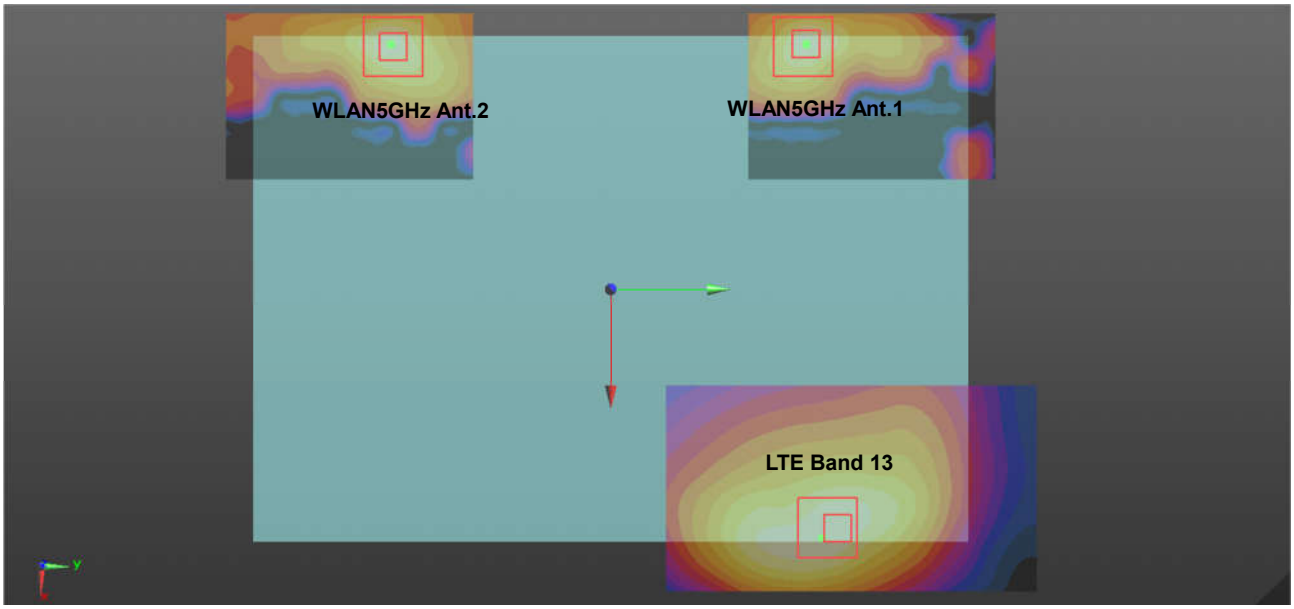
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #35	LTE Band 12	Bottom Face	0.539	0	8.88	-6.40	0.13	175.81	1.29	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 12		0.539	0	8.88	-6.40	0.13	218.88	0.88	0.00	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



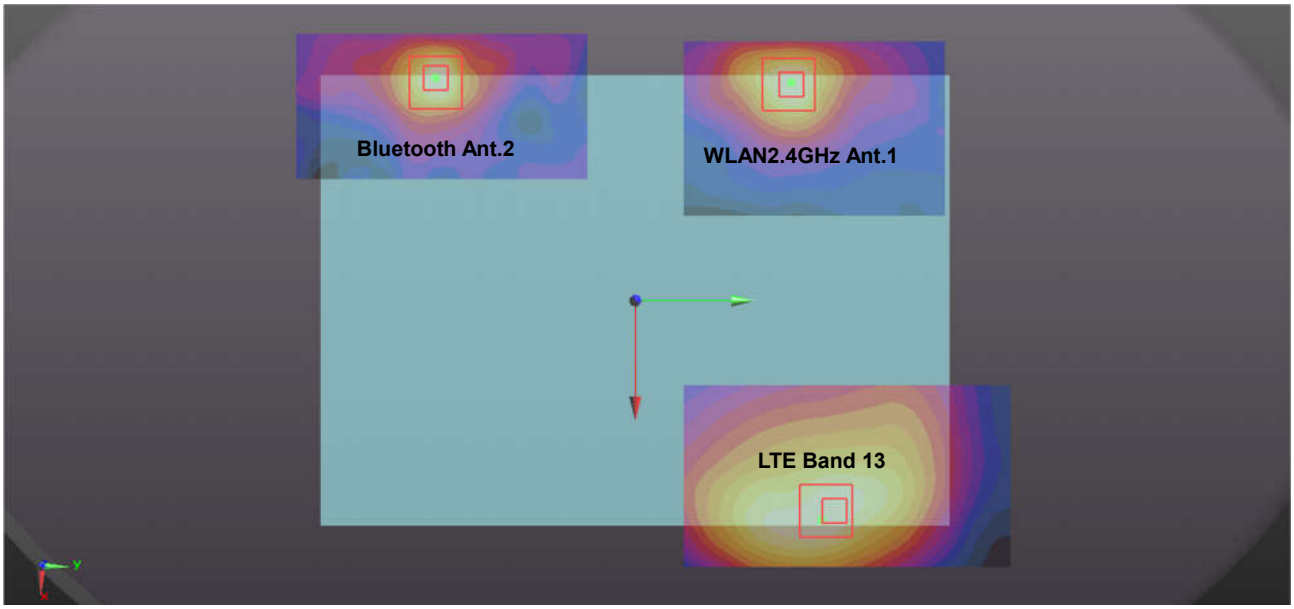
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #36	LTE Band 13	Bottom	1.072	0	8.73	8.34	0.14	177.42	2.25	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 13		1.072	0	8.73	8.34	0.14	236.14	2.20	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



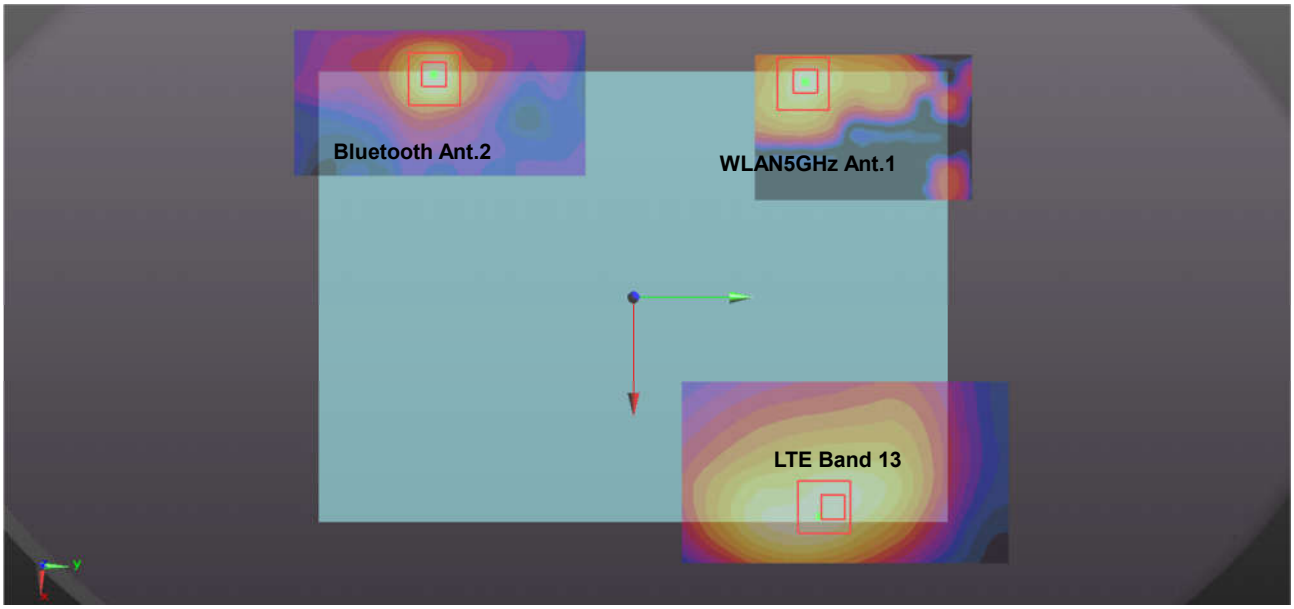
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #37	LTE Band 13	Bottom	1.072	0	8.73	8.34	0.14	177.48	2.27	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 13		1.072	0	8.73	8.34	0.14	239.25	2.02	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



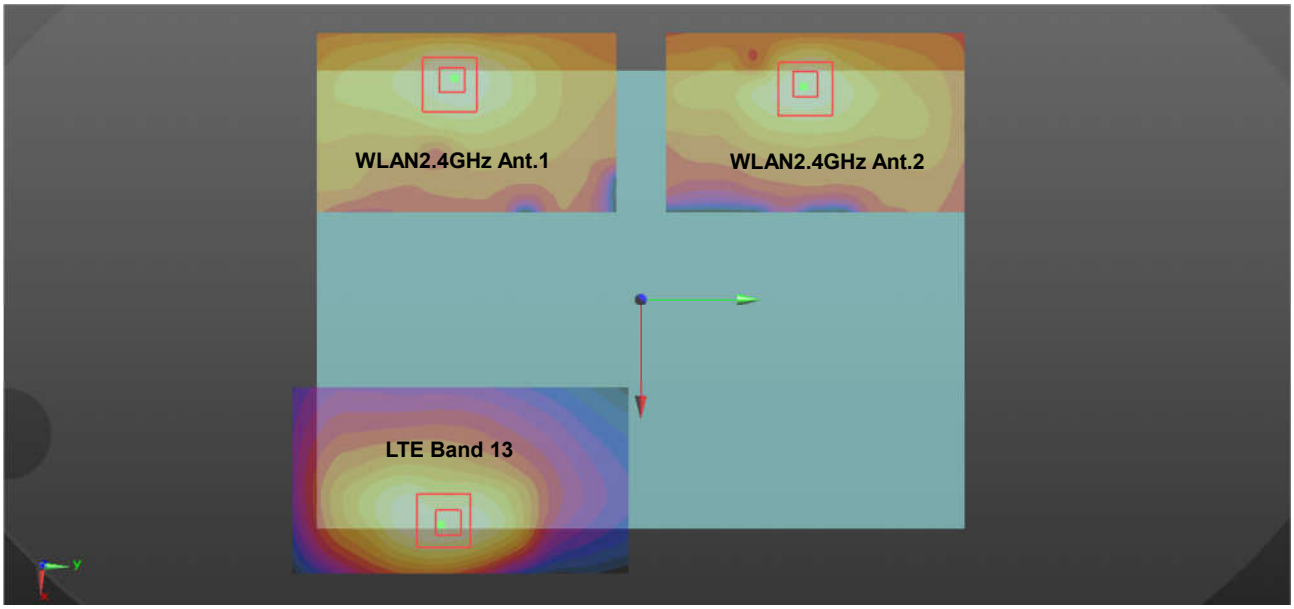
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #38	LTE Band 13	Bottom	1.072	0	8.73	8.34	0.14	177.42	2.25	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 13		1.072	0	8.73	8.34	0.14	246.32	1.49	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



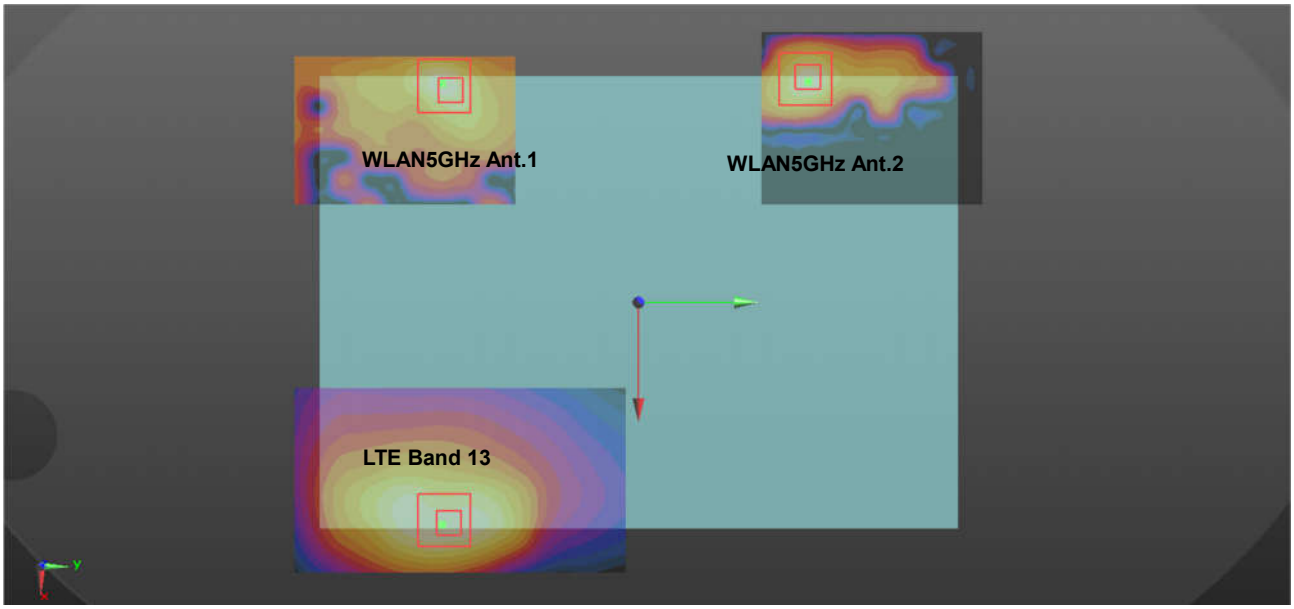
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #39	LTE Band 13	Bottom	1.072	0	8.73	8.34	0.14	177.48	2.27	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 13		1.072	0	8.73	8.34	0.14	246.32	1.49	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



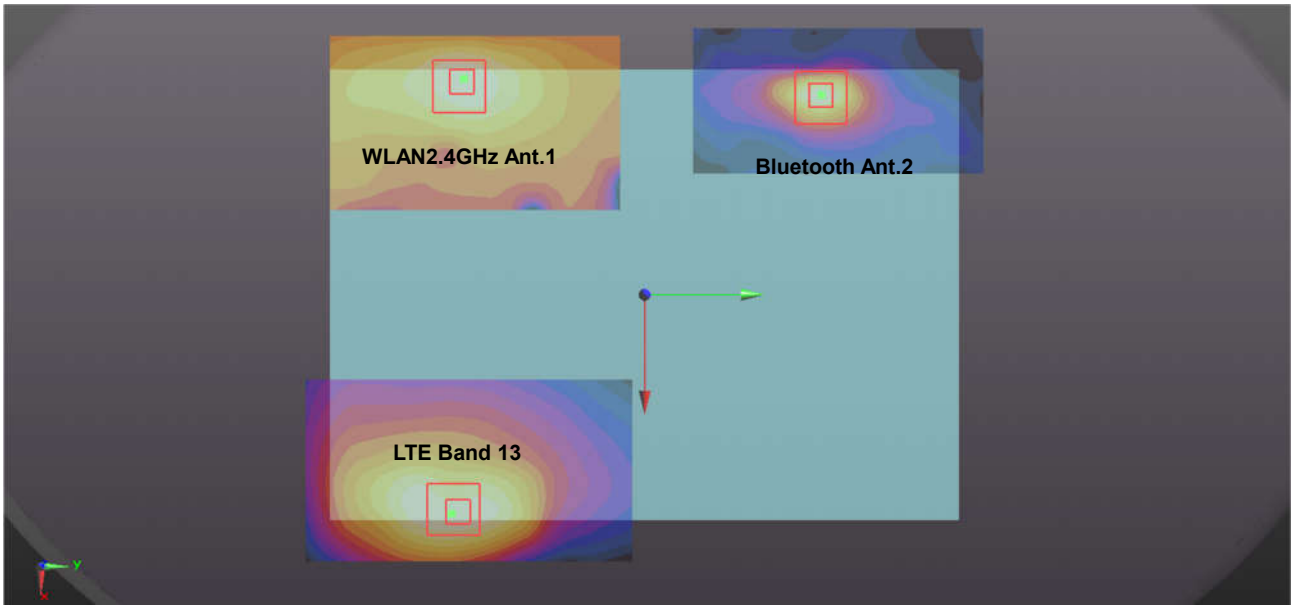
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #40	LTE Band 13	Bottom Face	0.748	0	8.89	-6.40	0.13	178.23	1.53	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 13		0.748	0	8.89	-6.40	0.13	212.99	1.68	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



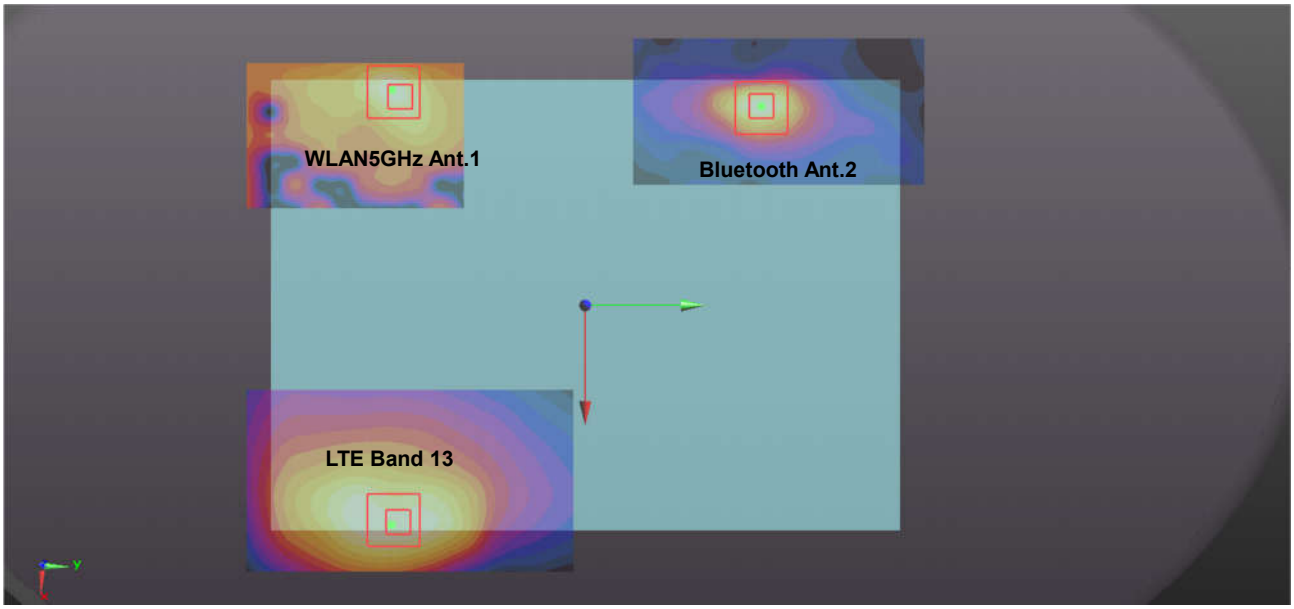
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #41	LTE Band 13	Bottom Face	0.748	0	8.89	-6.40	0.13	175.91	1.50	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 13		0.748	0	8.89	-6.40	0.13	224.21	1.84	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



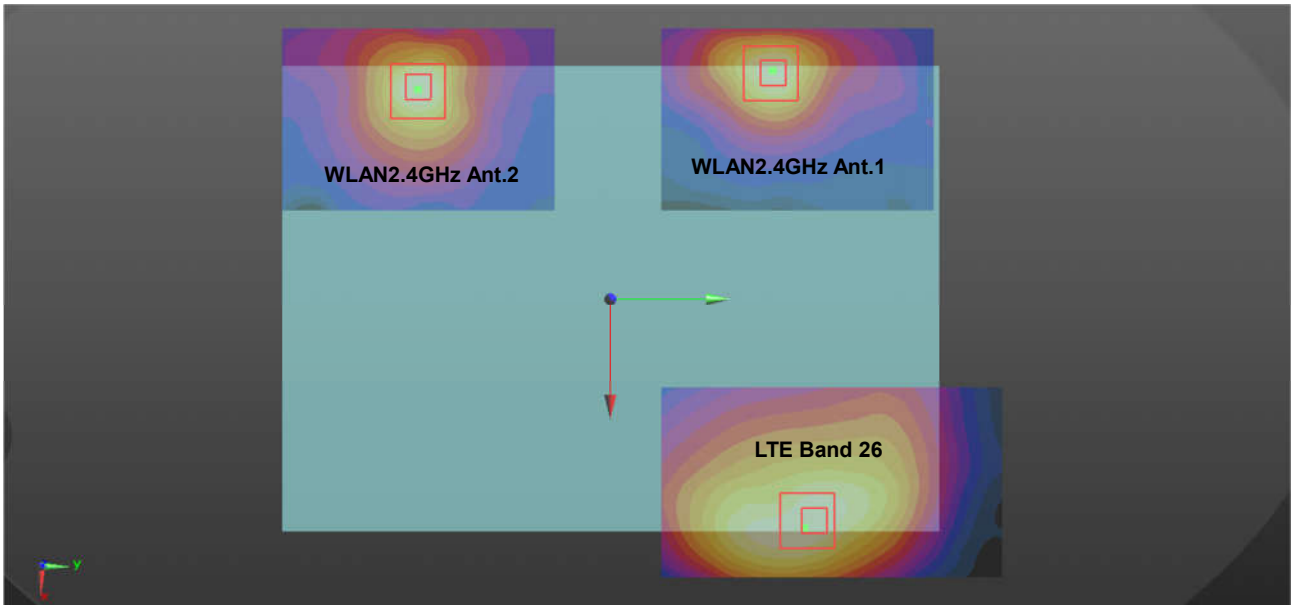
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #42	LTE Band 13	Bottom Face	0.748	0	8.89	-6.40	0.13	178.23	1.53	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 13		0.748	0	8.89	-6.40	0.13	218.96	1.09	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



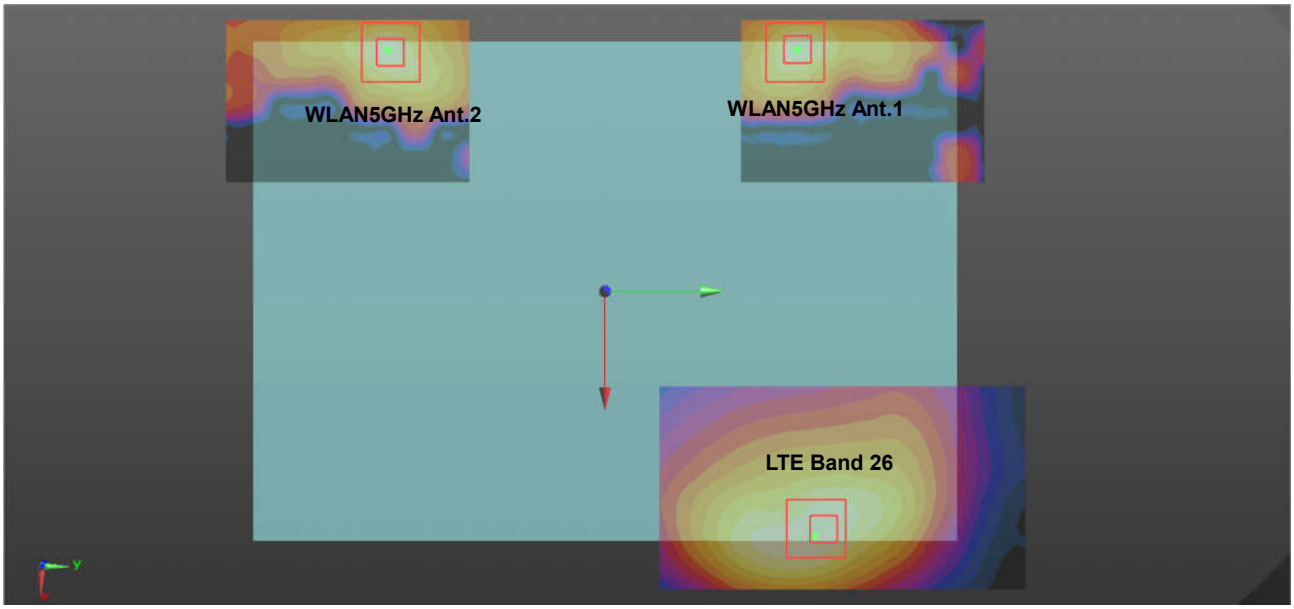
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #43	LTE Band 13	Bottom Face	0.748	0	8.89	-6.40	0.13	175.91	1.50	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 13		0.748	0	8.89	-6.40	0.13	218.96	1.09	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



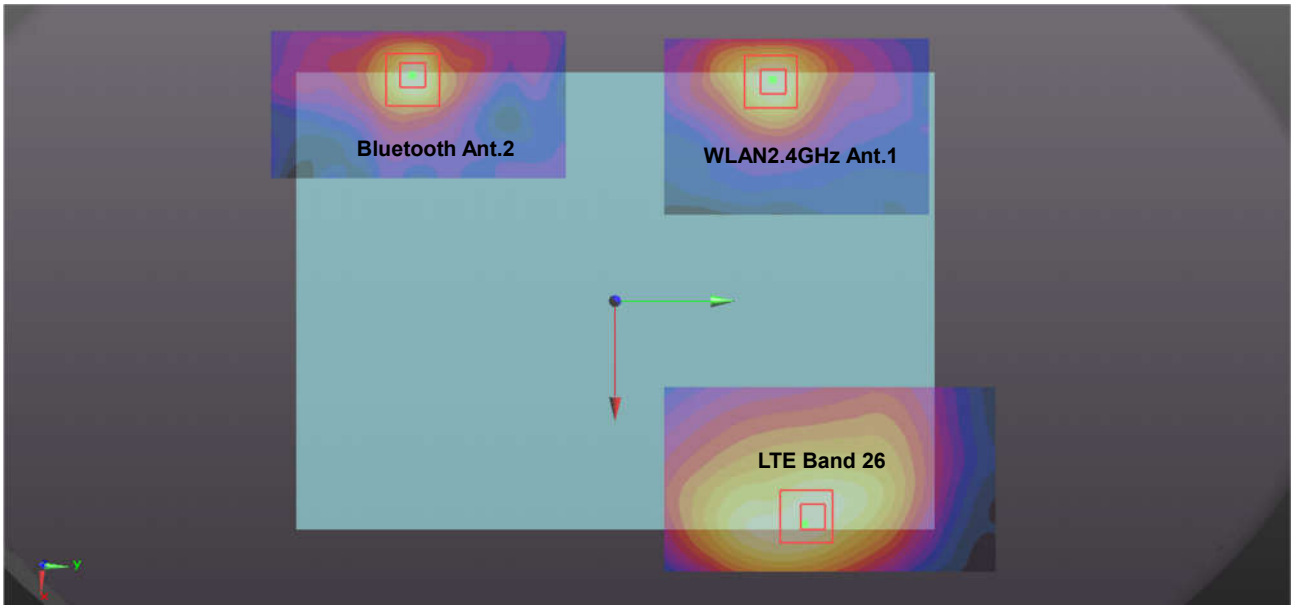
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #44	LTE Band 26	Bottom	1.020	0	8.72	8.34	0.14	177.32	2.20	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 26		1.020	0	8.72	8.34	0.14	236.07	2.14	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



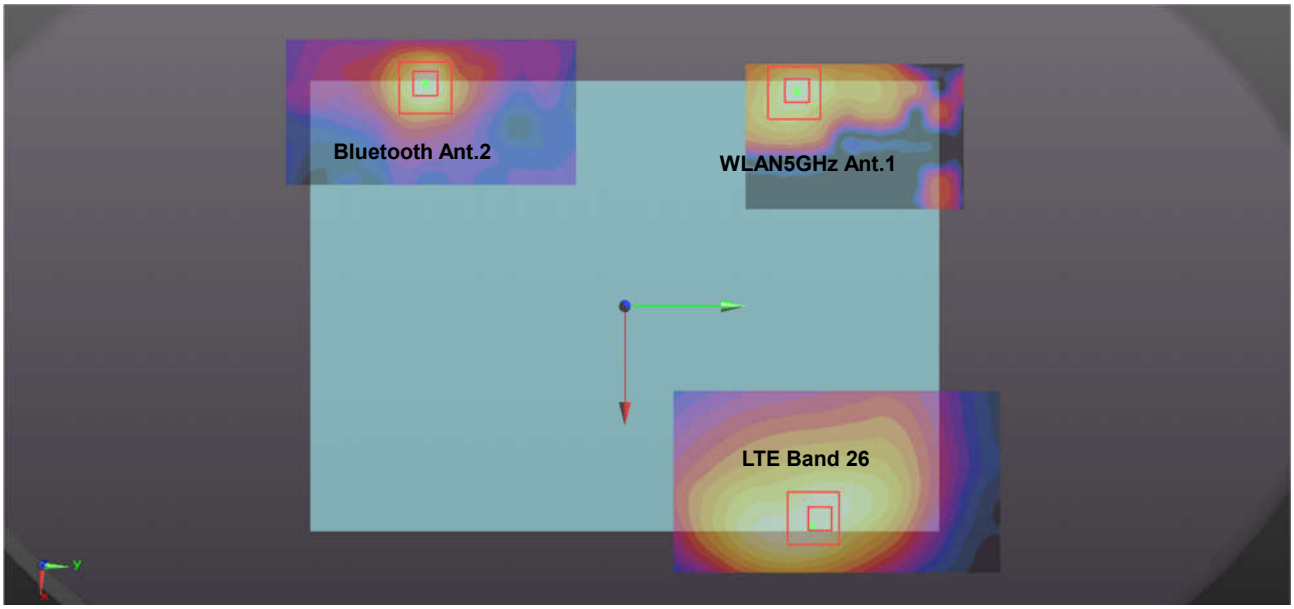
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #45	LTE Band 26	Bottom	1.020	0	8.72	8.34	0.14	177.38	2.21	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 26		1.020	0	8.72	8.34	0.14	239.18	1.97	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



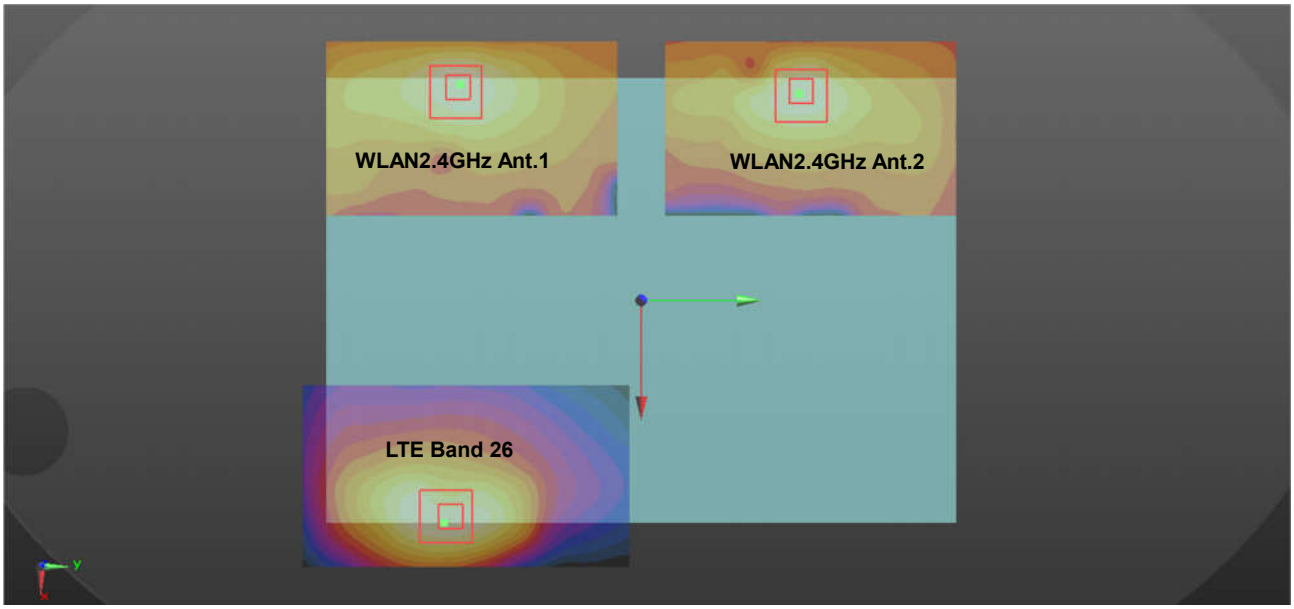
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #46	LTE Band 26	Bottom	1.020	0	8.72	8.34	0.14	177.32	2.20	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 26		1.020	0	8.72	8.34	0.14	246.24	1.44	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



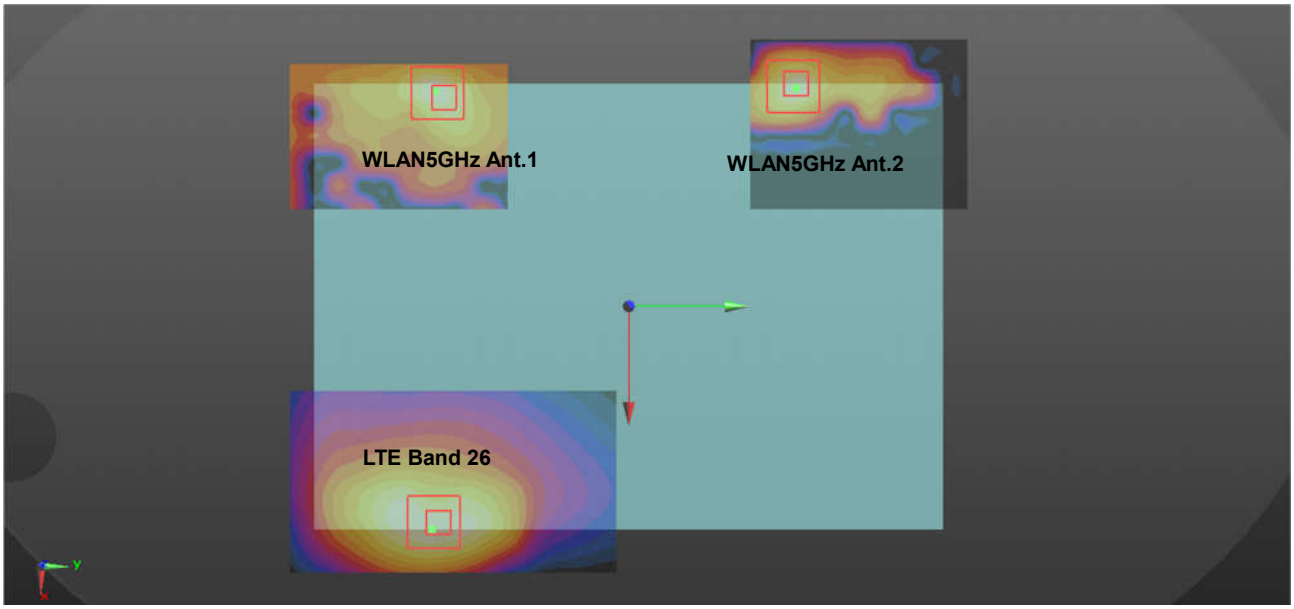
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #47	LTE Band 26	Bottom	1.020	0	8.72	8.34	0.14	177.38	2.21	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 26		1.020	0	8.72	8.34	0.14	246.24	1.44	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



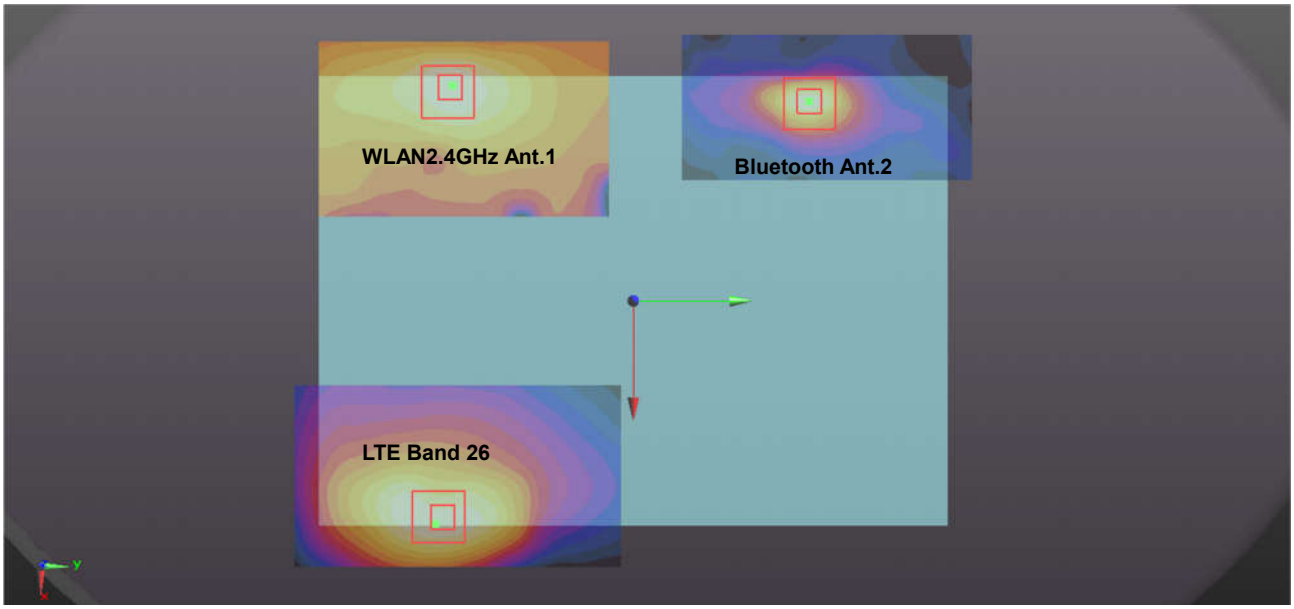
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #48	LTE Band 26	Bottom Face	0.676	0	8.88	-6.55	0.13	178.04	1.45	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 26		0.676	0	8.88	-6.55	0.13	213.79	1.61	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



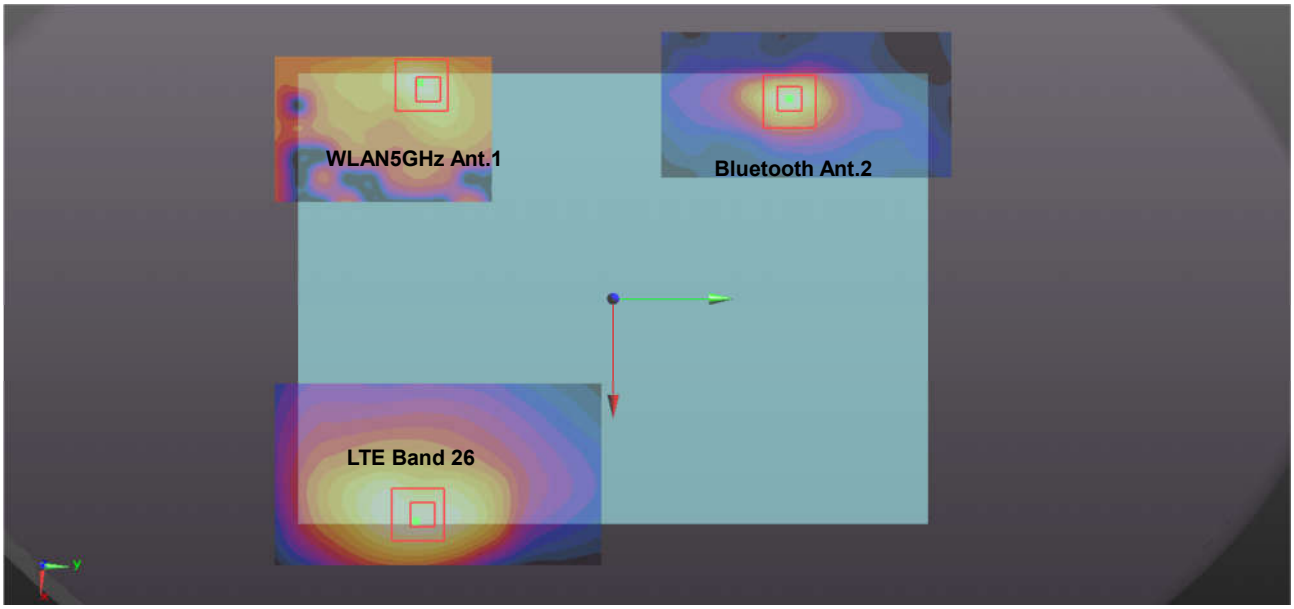
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #49	LTE Band 26	Bottom Face	0.676	0	8.88	-6.55	0.13	175.72	1.43	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 26		0.676	0	8.88	-6.55	0.13	225.02	1.77	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



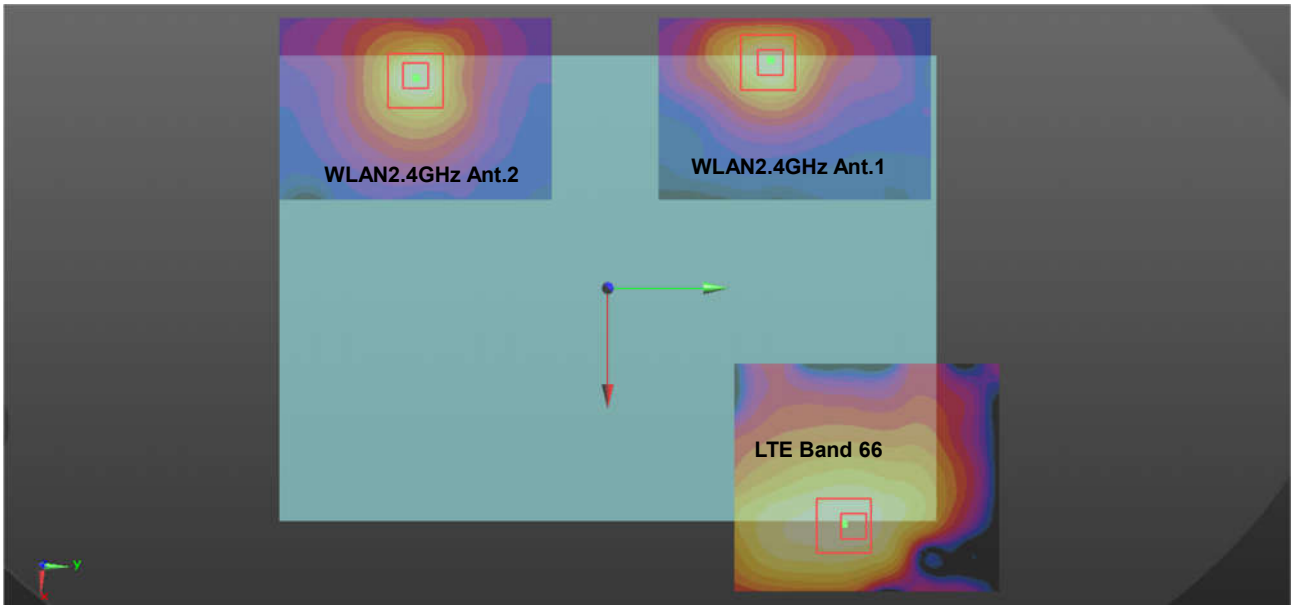
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #50	LTE Band 26	Bottom Face	0.676	0	8.88	-6.55	0.13	178.04	1.45	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 26		0.676	0	8.88	-6.55	0.13	219.80	1.02	0.00	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



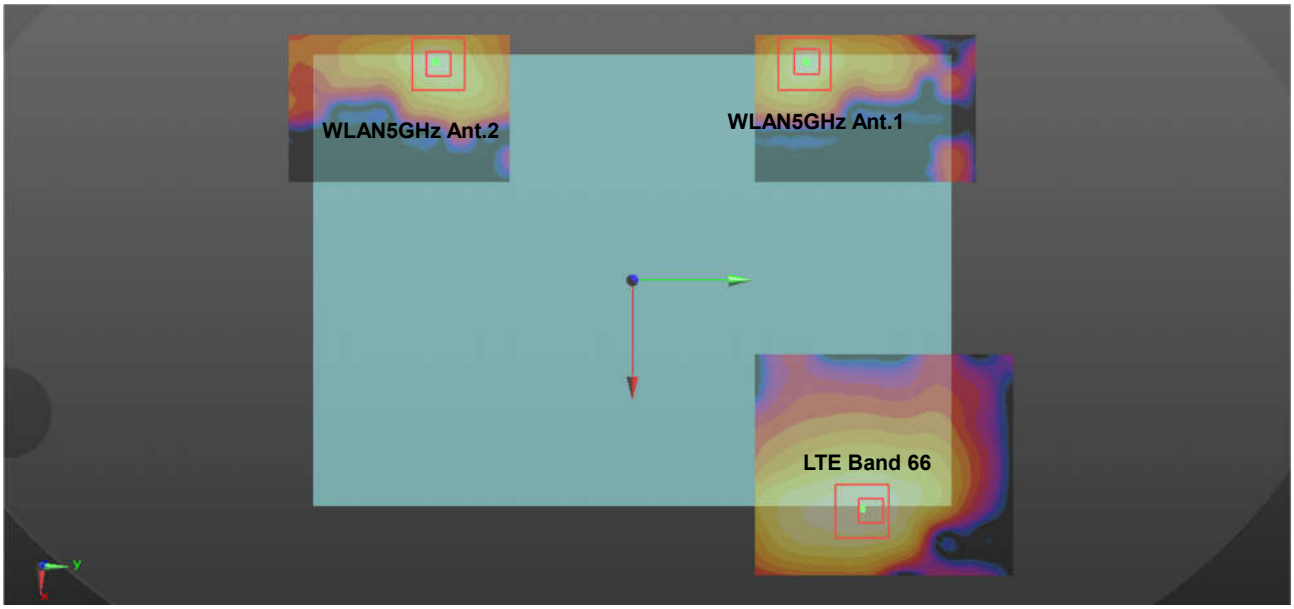
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #51	LTE Band 26	Bottom Face	0.676	0	8.88	-6.55	0.13	175.72	1.43	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 26		0.676	0	8.88	-6.55	0.13	219.80	1.02	0.00	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



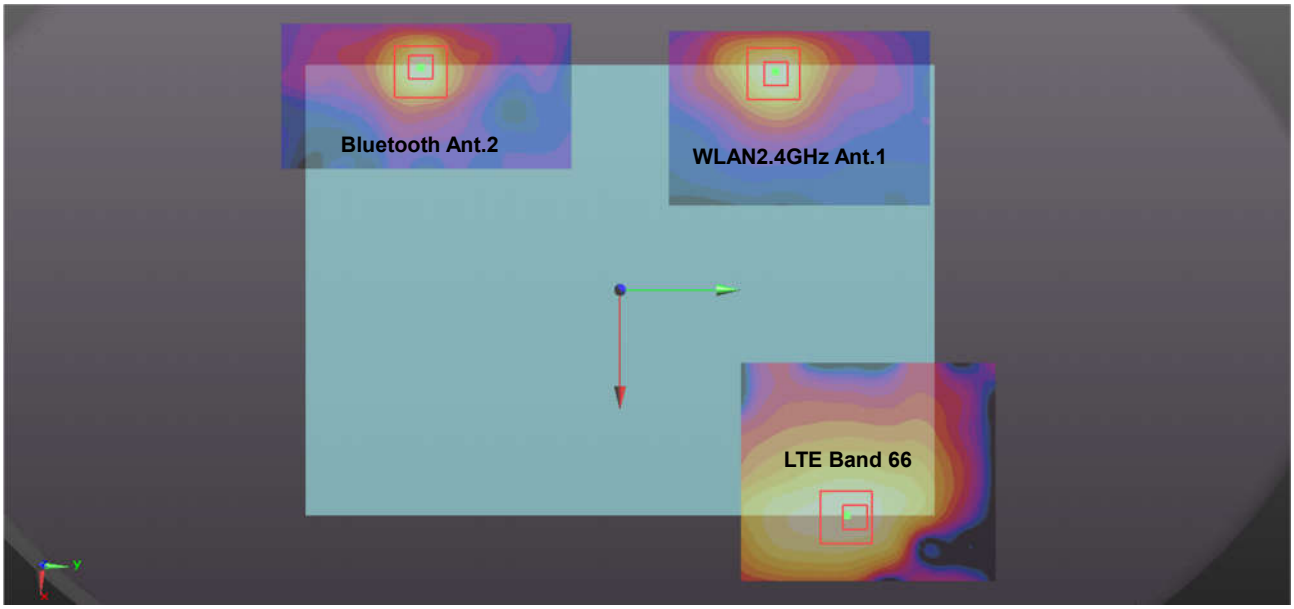
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #52	LTE Band 66	Bottom	1.010	0	9.30	9.83	0.05	185.15	2.19	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 66		1.010	0	9.30	9.83	0.05	250.54	2.13	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



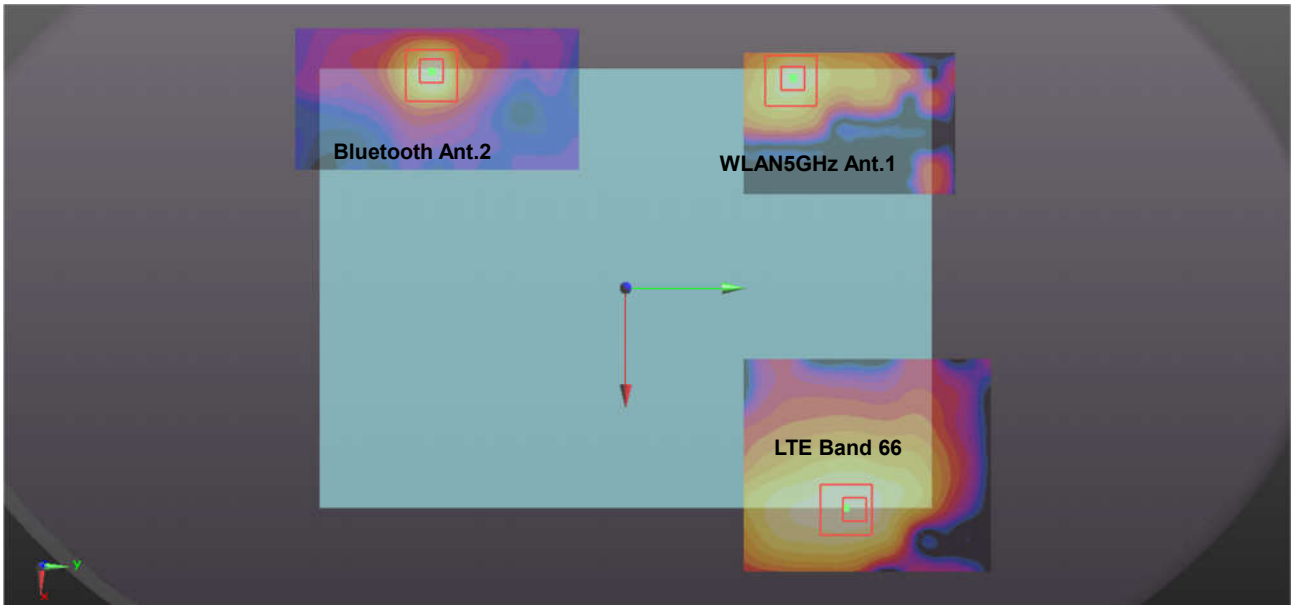
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #53	LTE Band 66	Bottom	1.010	0	9.30	9.83	0.05	184.71	2.20	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 66		1.010	0	9.30	9.83	0.05	253.65	1.96	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



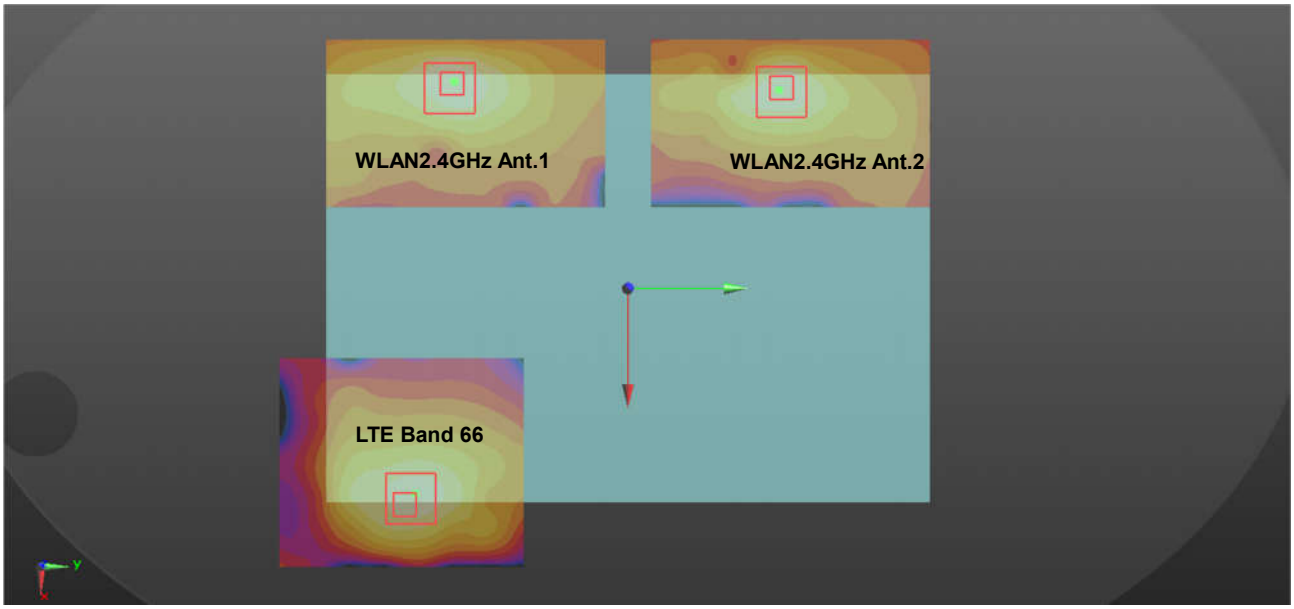
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #54	LTE Band 66	Bottom	1.010	0	9.30	9.83	0.05	185.15	2.19	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 66		1.010	0	9.30	9.83	0.05	260.73	1.43	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



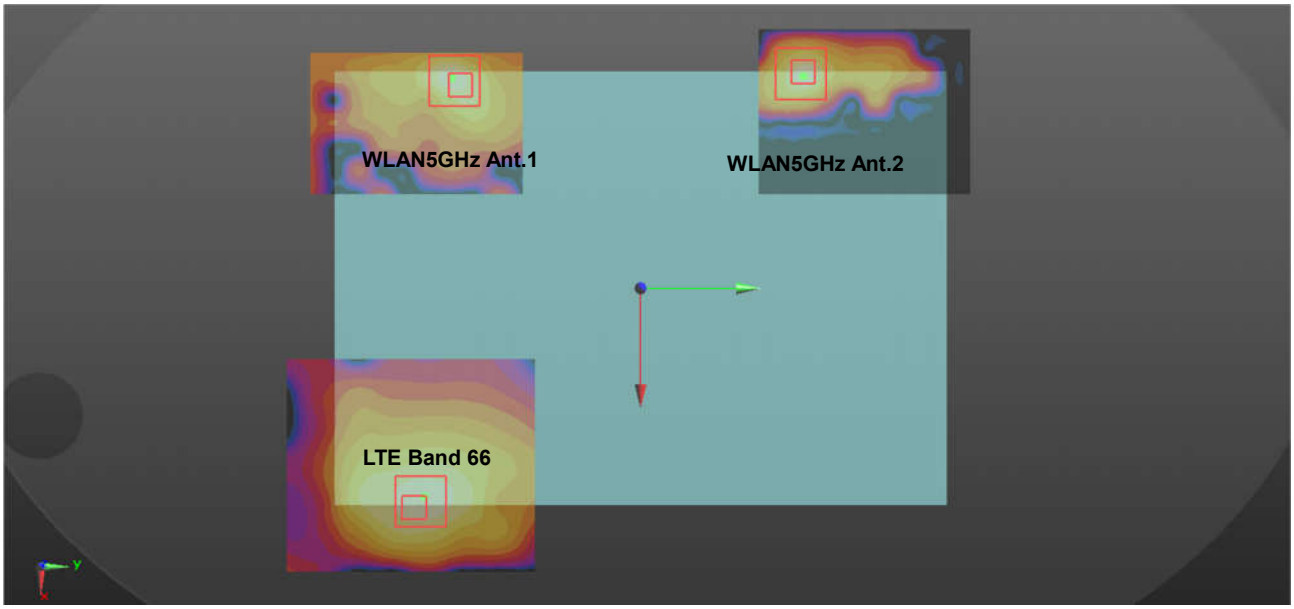
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #55	LTE Band 66	Bottom	1.010	0	9.30	9.83	0.05	184.71	2.20	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 66		1.010	0	9.30	9.83	0.05	260.73	1.43	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



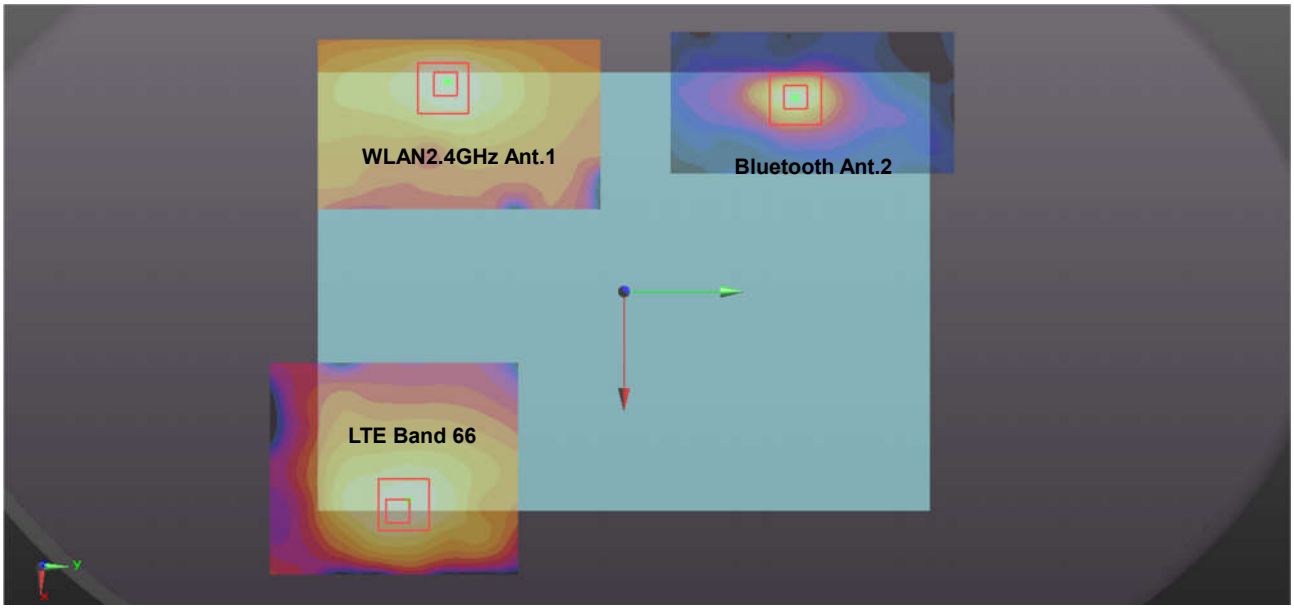
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #56	LTE Band 66	Bottom Face	1.011	0	9.49	-9.79	0.05	185.35	1.79	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 66		1.011	0	9.49	-9.79	0.05	238.96	1.95	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



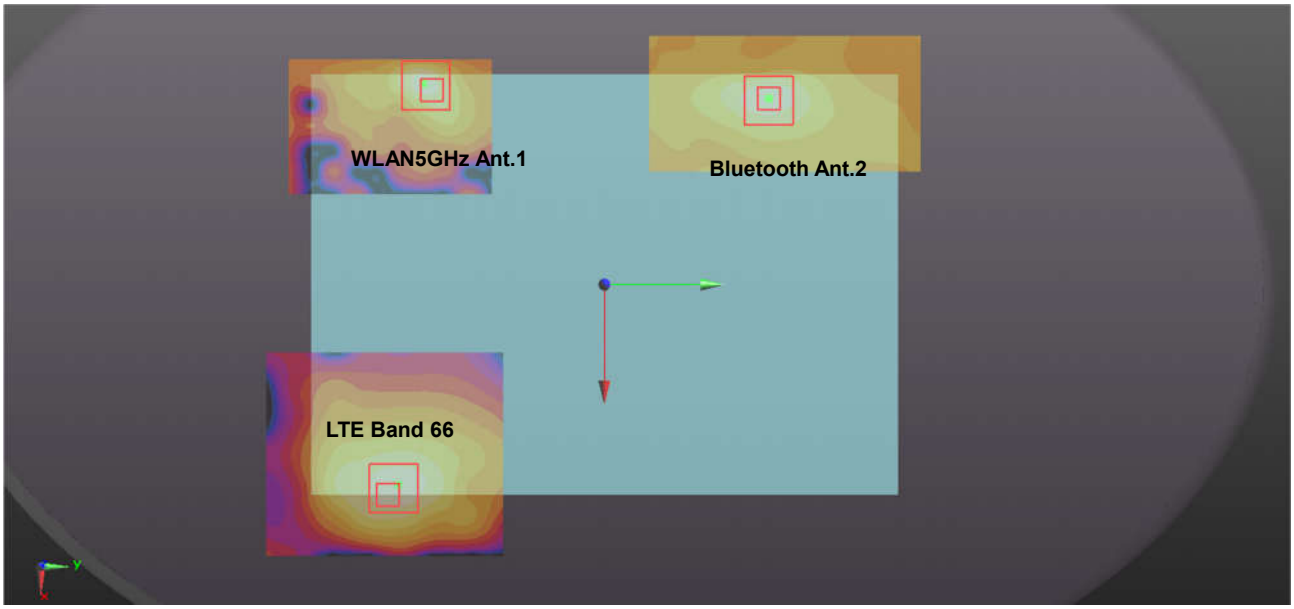
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #57	LTE Band 66	Bottom Face	1.011	0	9.49	-9.79	0.05	182.82	1.76	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 66		1.011	0	9.49	-9.79	0.05	250.28	2.11	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



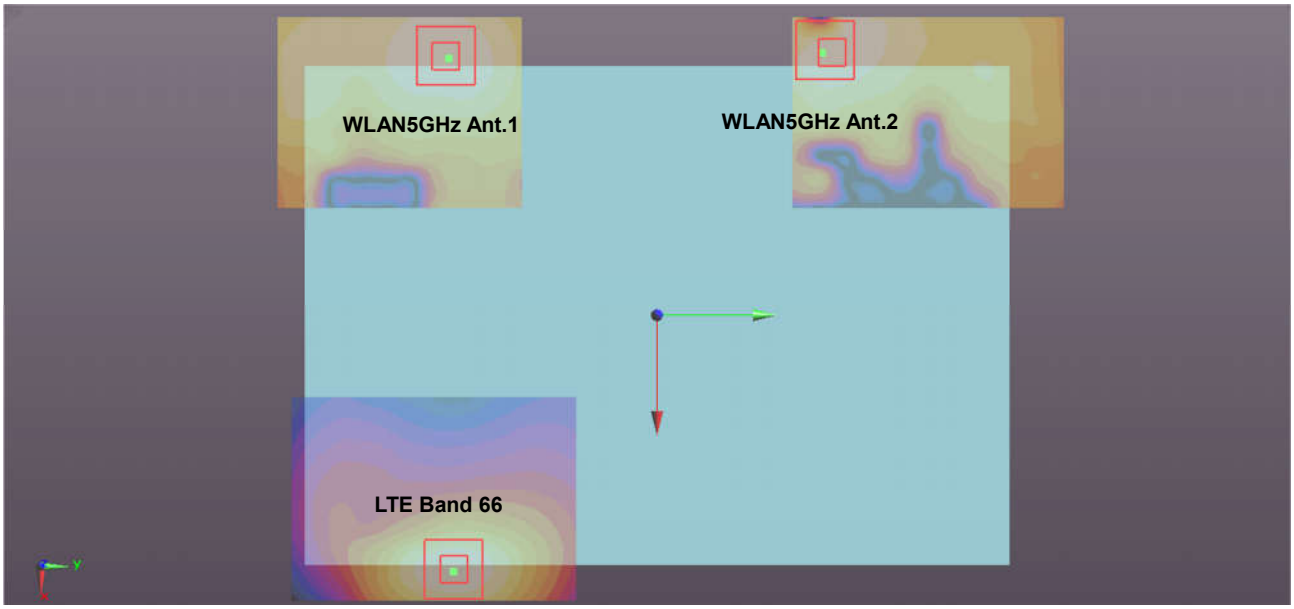
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #58	LTE Band 66	Bottom Face	1.011	0	9.49	-9.79	0.05	185.35	1.79	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 66		1.011	0	9.49	-9.79	0.05	245.51	1.35	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



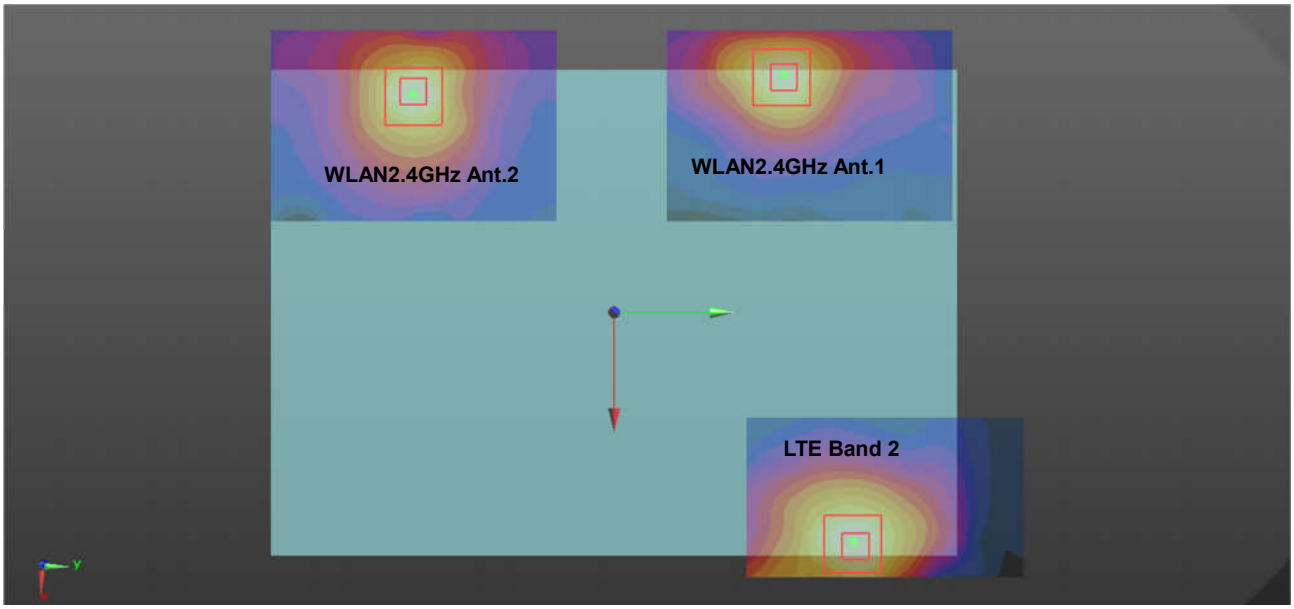
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #59	LTE Band 66	Bottom Face	1.011	0	9.49	-9.79	0.05	182.82	1.76	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 66		1.011	0	9.49	-9.79	0.05	245.51	1.35	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



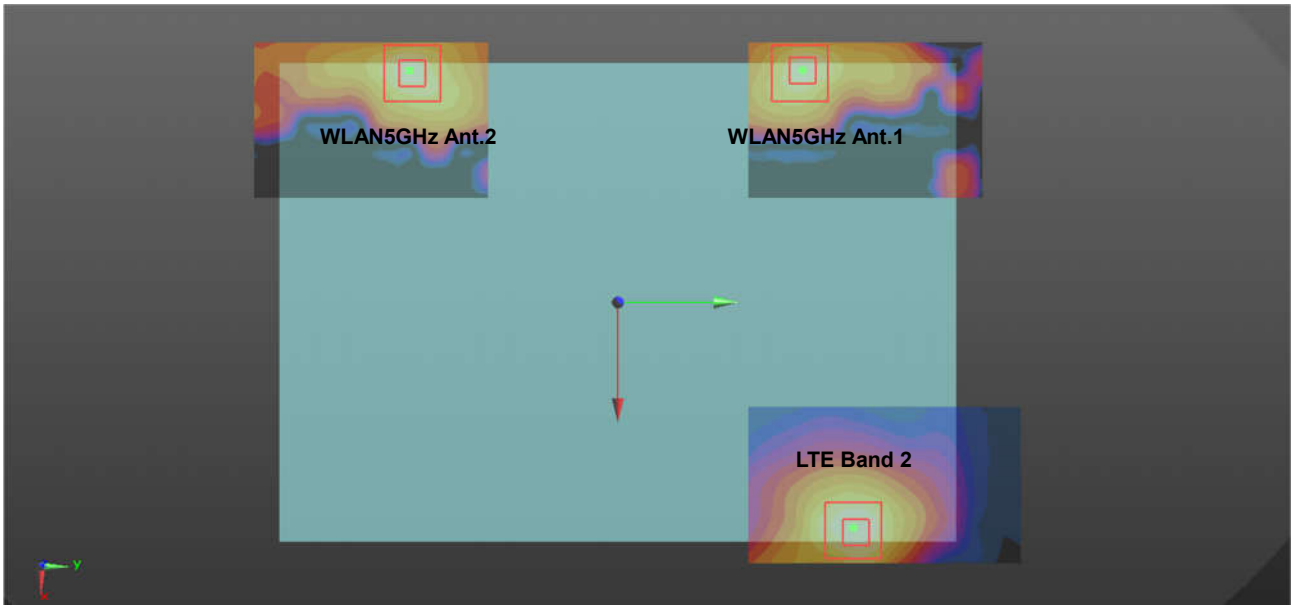
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #60	LTE Band 66	Bottom Face	0.416	10	9.29	-7.50	-0.24	189.94	0.91	0.00	Not required
	WLAN5GHz Ant.1		0.493	10	-9.70	-7.12	-0.26				
	LTE Band 66		0.416	10	9.29	-7.50	-0.24	235.08	1.11	0.00	Not required
	WLAN5GHz Ant.2		0.693	10	-9.46	6.68	-0.27				
	WLAN5GHz Ant.1		0.493	10	-9.70	-7.12	-0.26	138.02	1.19	0.01	Not required
	WLAN5GHz Ant.2		0.693	10	-9.46	6.68	-0.27				



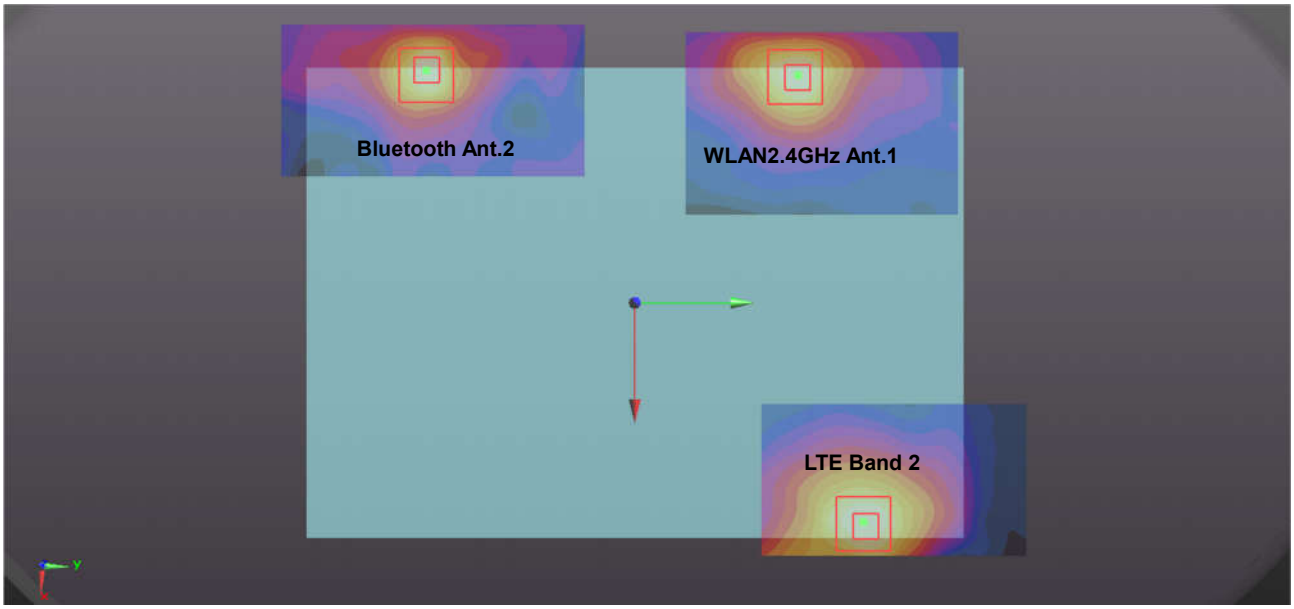
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #61	LTE Band 2	Bottom	0.984	0	8.97	9.21	0.13	180.88	2.16	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 2		0.984	0	8.97	9.21	0.13	243.86	2.11	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



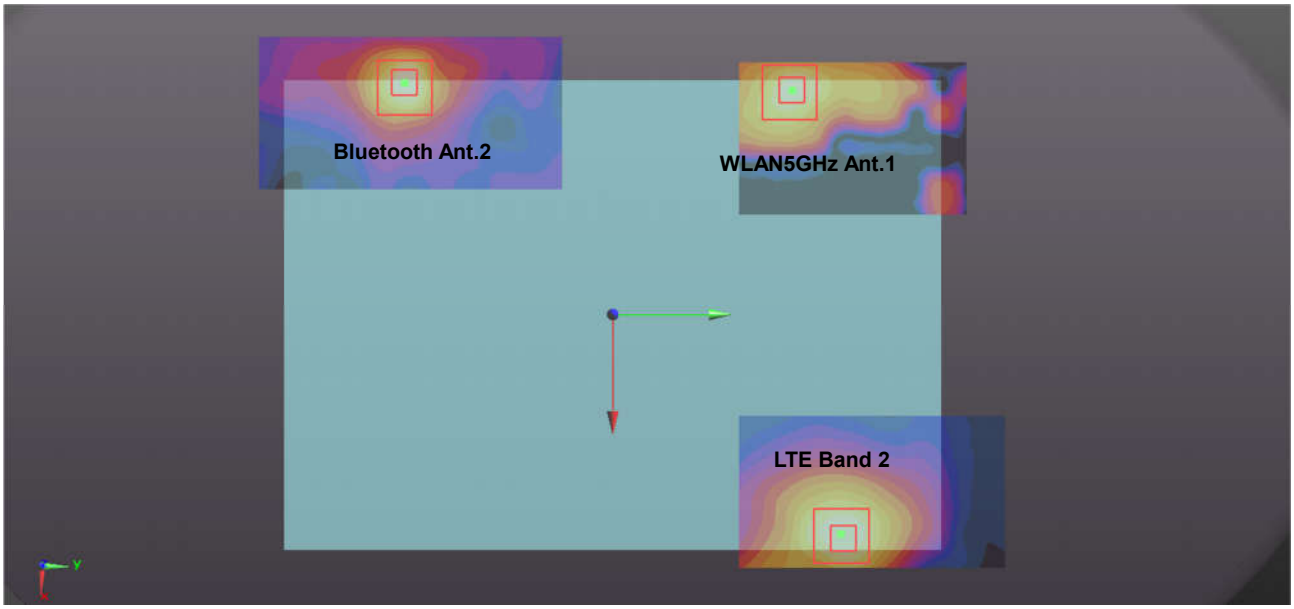
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #62	LTE Band 2	Bottom	0.984	0	8.97	9.21	0.13	180.65	2.18	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 2		0.984	0	8.97	9.21	0.13	246.97	1.94	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



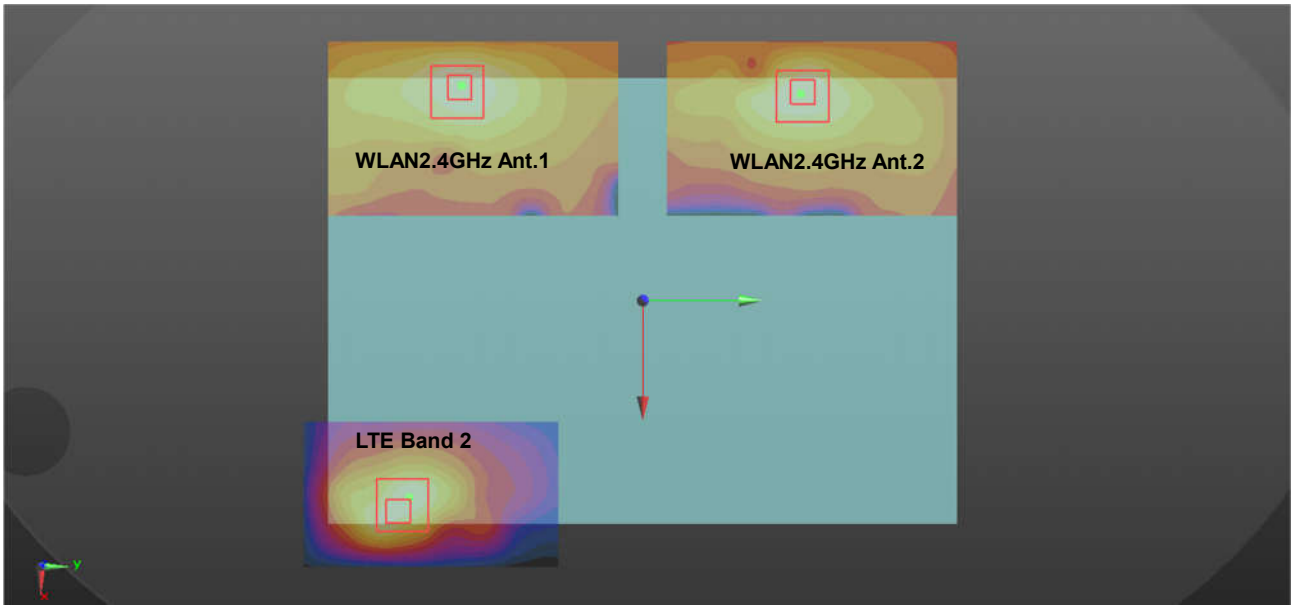
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #63	LTE Band 2	Bottom	0.984	0	8.97	9.21	0.13	180.88	2.16	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 2		0.984	0	8.97	9.21	0.13	254.04	1.40	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



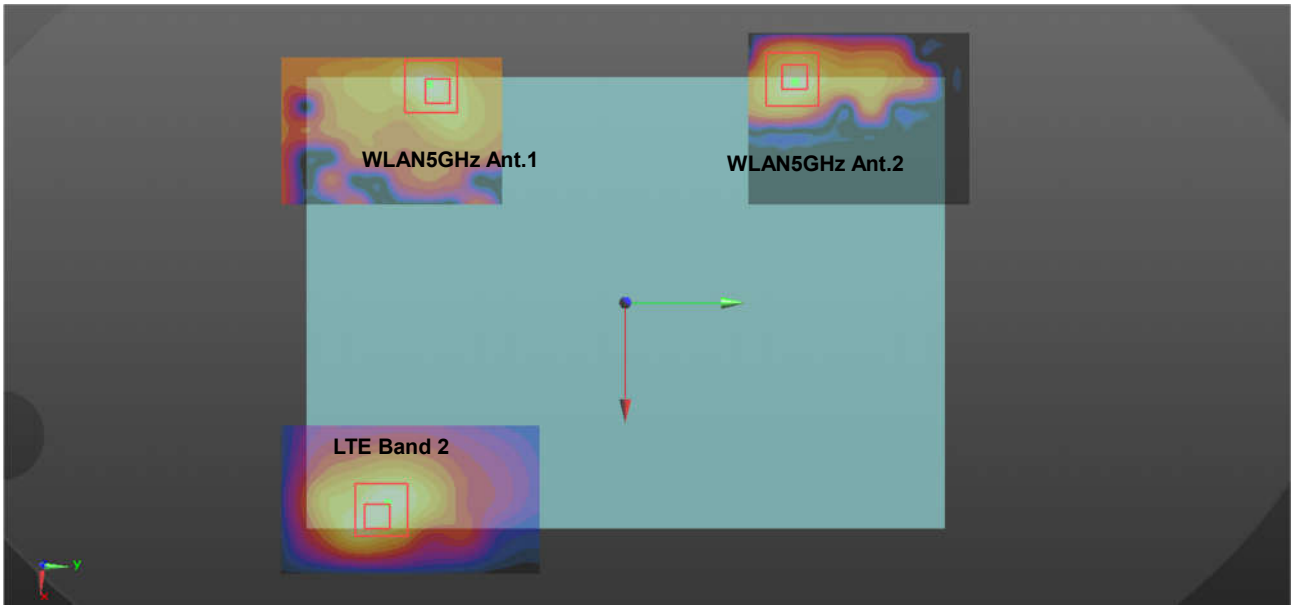
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #64	LTE Band 2	Bottom	0.984	0	8.97	9.21	0.13	180.65	2.18	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 2		0.984	0	8.97	9.21	0.13	254.04	1.40	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



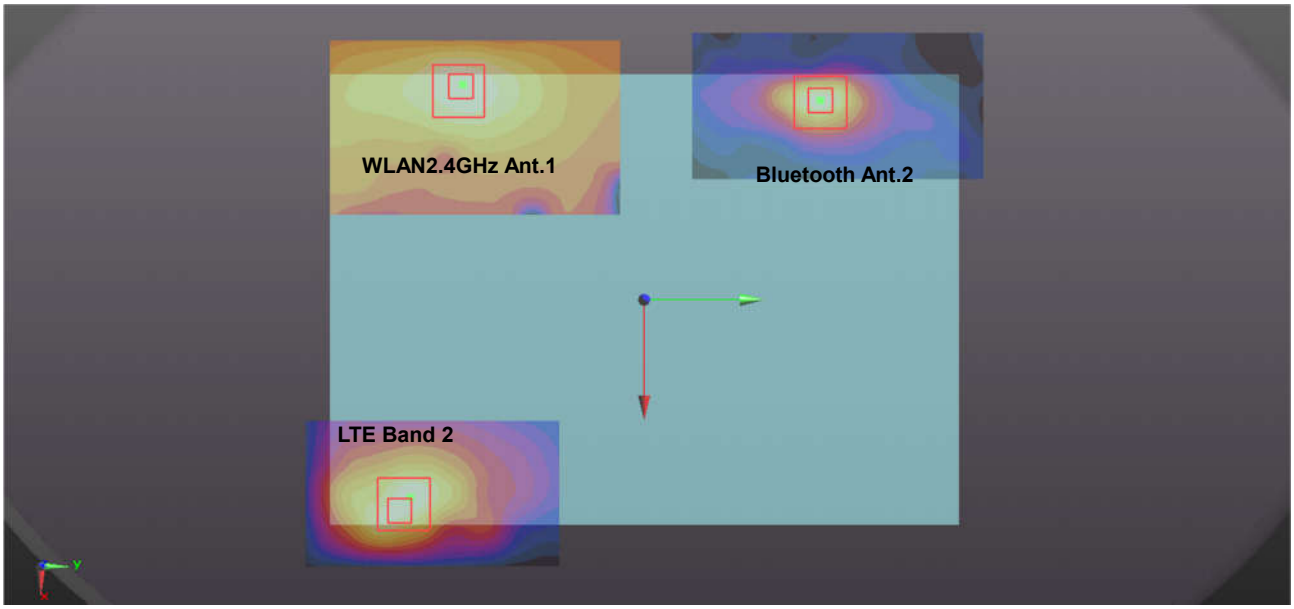
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #65	LTE Band 2	Bottom Face	1.126	0	8.79	-10.13	0.13	178.87	1.90	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 2		1.126	0	8.79	-10.13	0.13	236.12	2.06	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



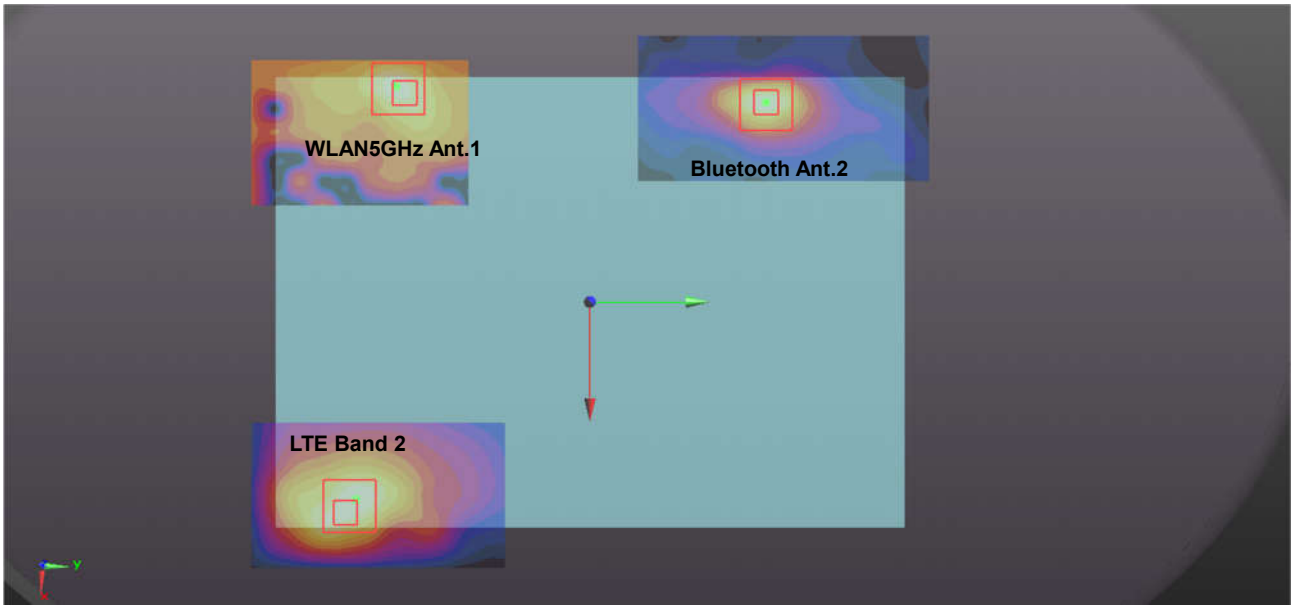
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #66	LTE Band 2	Bottom Face	1.126	0	8.79	-10.13	0.13	176.33	1.88	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 2		1.126	0	8.79	-10.13	0.13	247.43	2.22	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



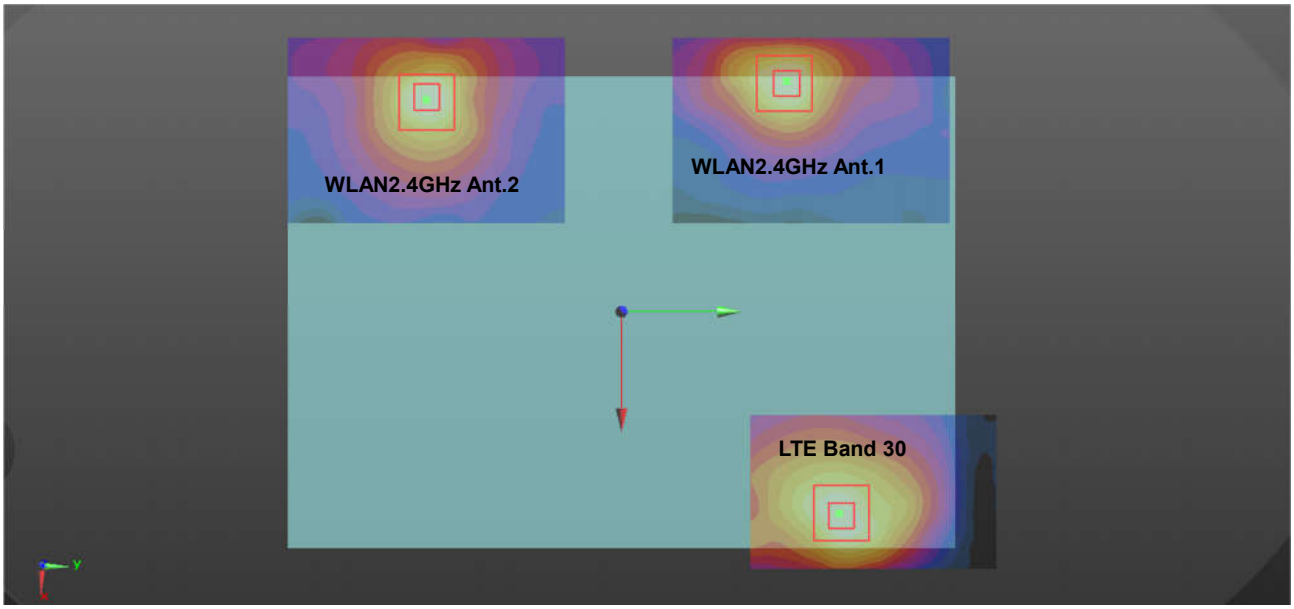
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #67	LTE Band 2	Bottom Face	1.126	0	8.79	-10.13	0.13	178.87	1.90	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 2		1.126	0	8.79	-10.13	0.13	242.84	1.47	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



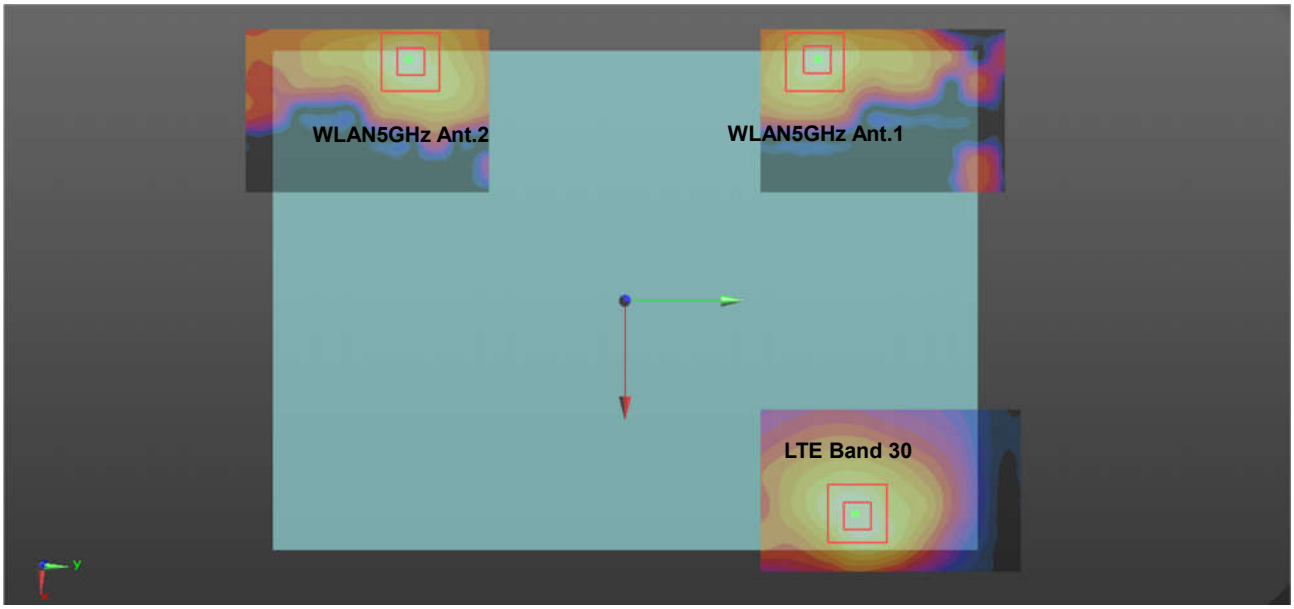
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #68	LTE Band 2	Bottom Face	1.126	0	8.79	-10.13	0.13	176.33	1.88	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 2		1.126	0	8.79	-10.13	0.13	242.84	1.47	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



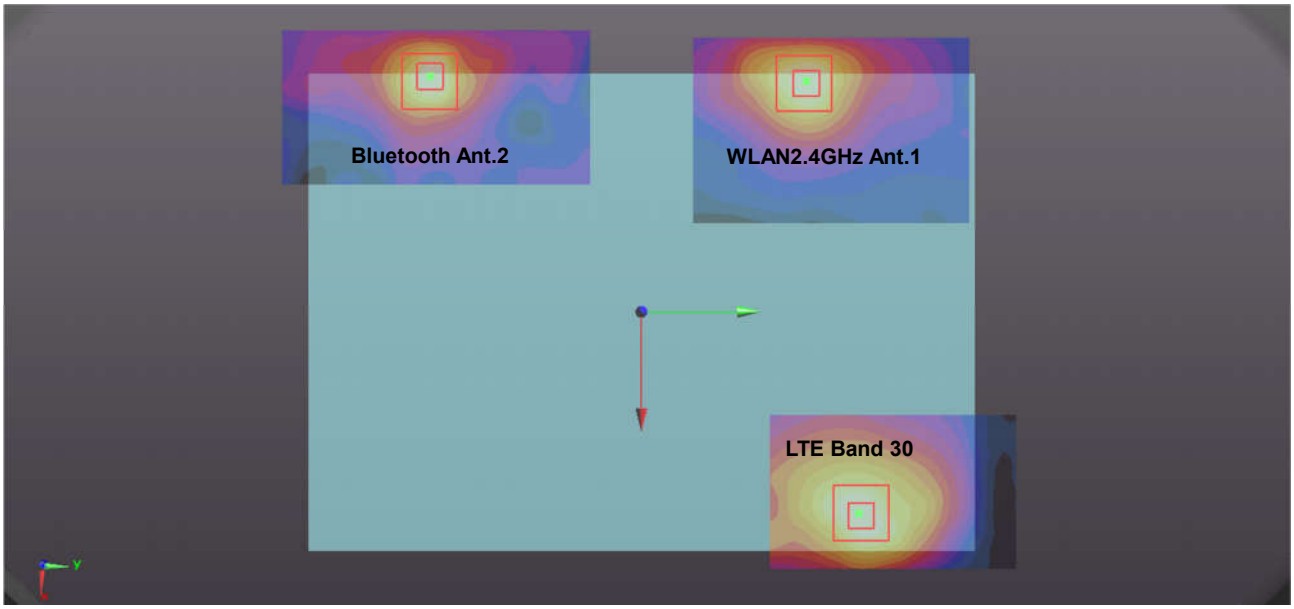
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #69	LTE Band 30	Bottom	1.014	0	8.04	8.58	0.12	170.82	2.19	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 30		1.014	0	8.04	8.58	0.12	232.79	2.14	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



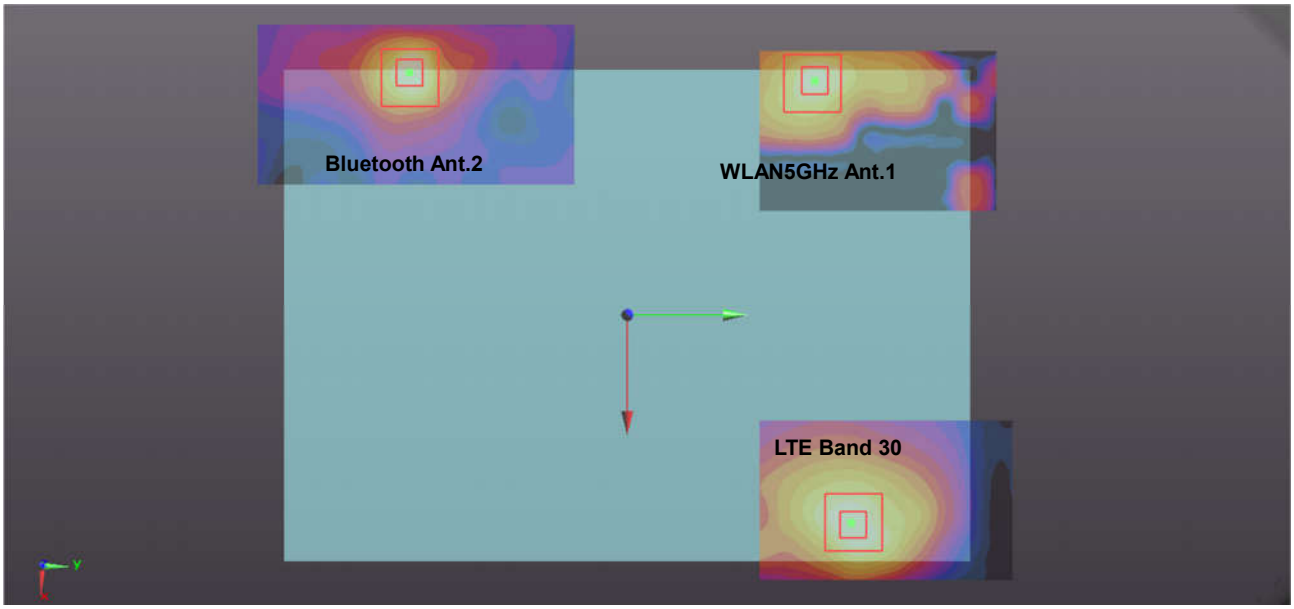
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #70	LTE Band 30	Bottom	1.014	0	8.04	8.58	0.12	170.78	2.21	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 30		1.014	0	8.04	8.58	0.12	235.91	1.97	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



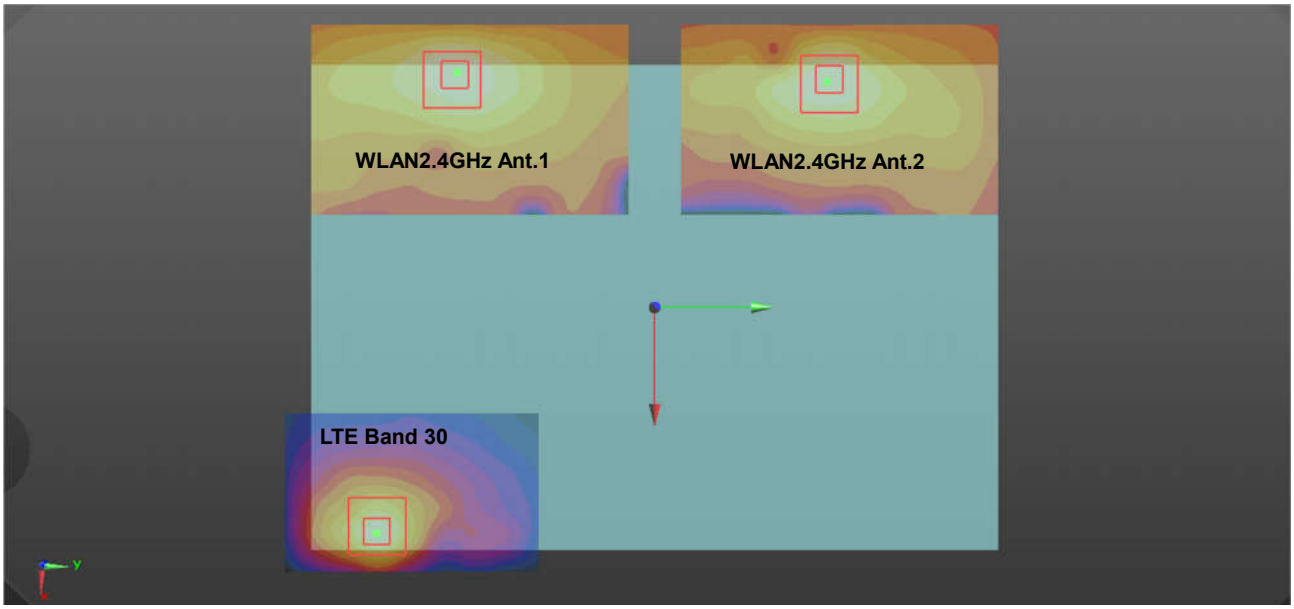
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #71	LTE Band 30	Bottom	1.014	0	8.04	8.58	0.12	170.82	2.19	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 30		1.014	0	8.04	8.58	0.12	242.98	1.43	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



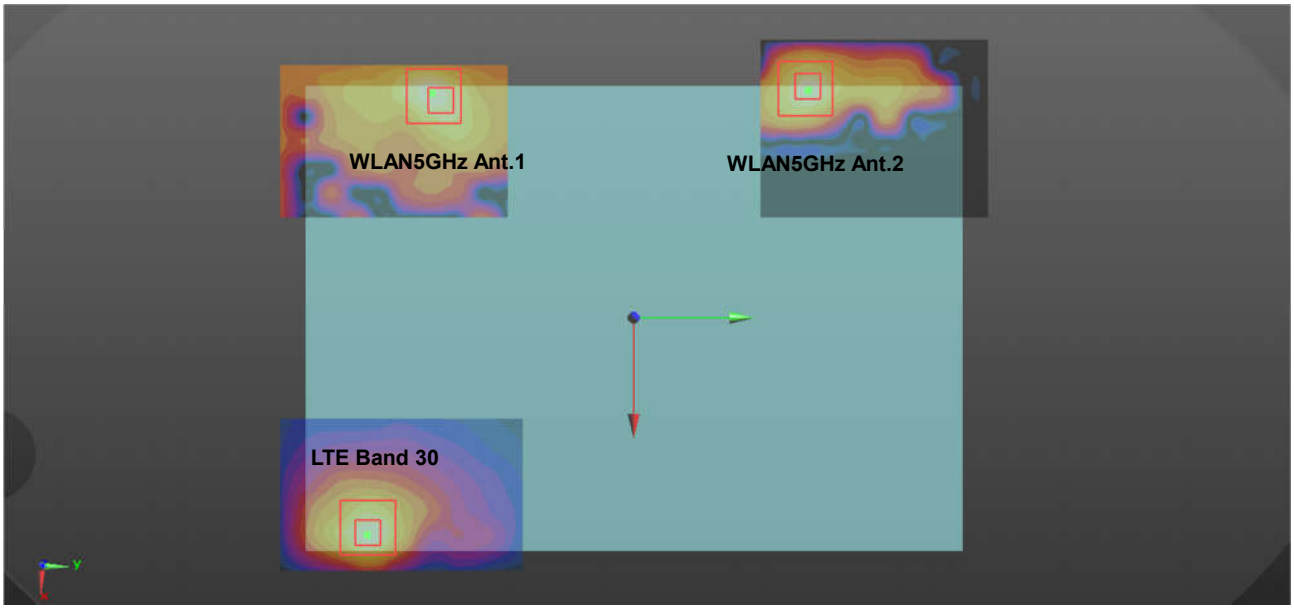
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #72	LTE Band 30	Bottom	1.014	0	8.04	8.58	0.12	170.78	2.21	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 30		1.014	0	8.04	8.58	0.12	242.98	1.43	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



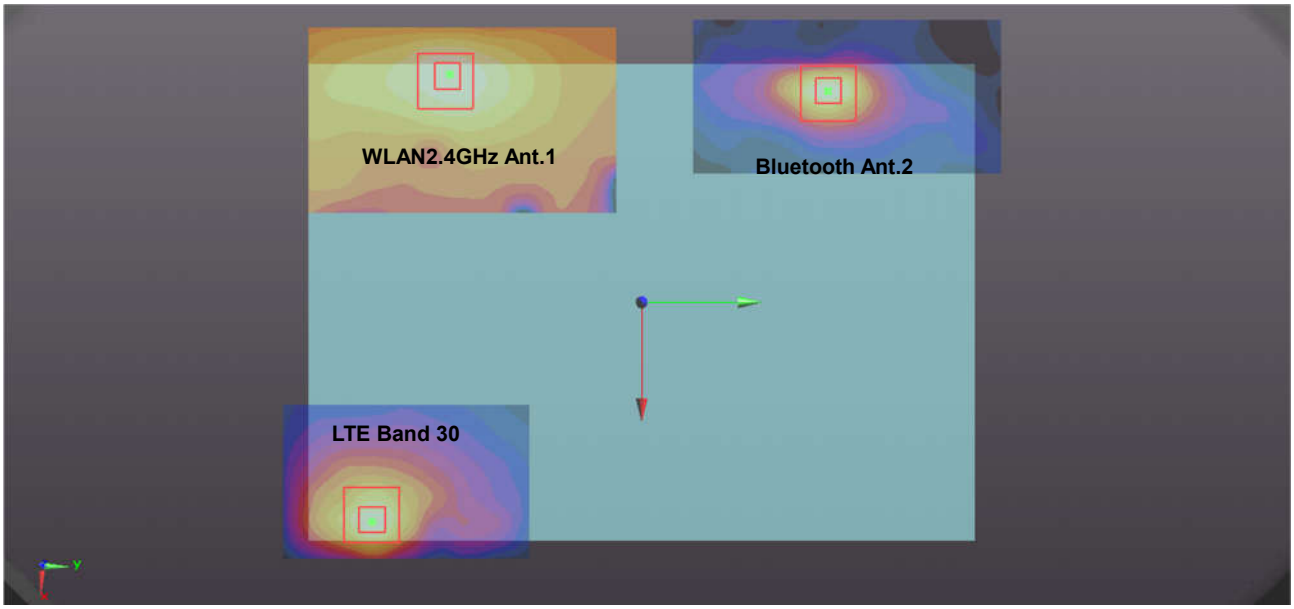
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #73	LTE Band 30	Bottom Face	1.116	0	8.66	-10.52	0.21	178.22	1.89	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 30		1.116	0	8.66	-10.52	0.21	237.89	2.05	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



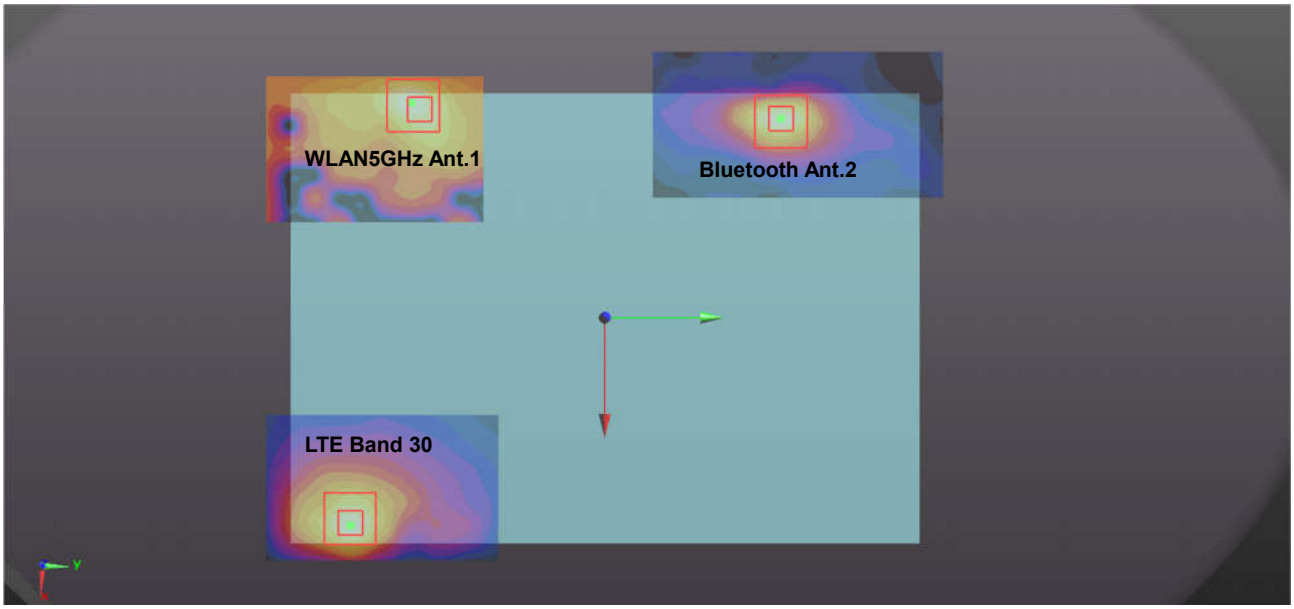
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #74	LTE Band 30	Bottom Face	1.116	0	8.66	-10.52	0.21	175.65	1.87	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 30		1.116	0	8.66	-10.52	0.21	249.21	2.21	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



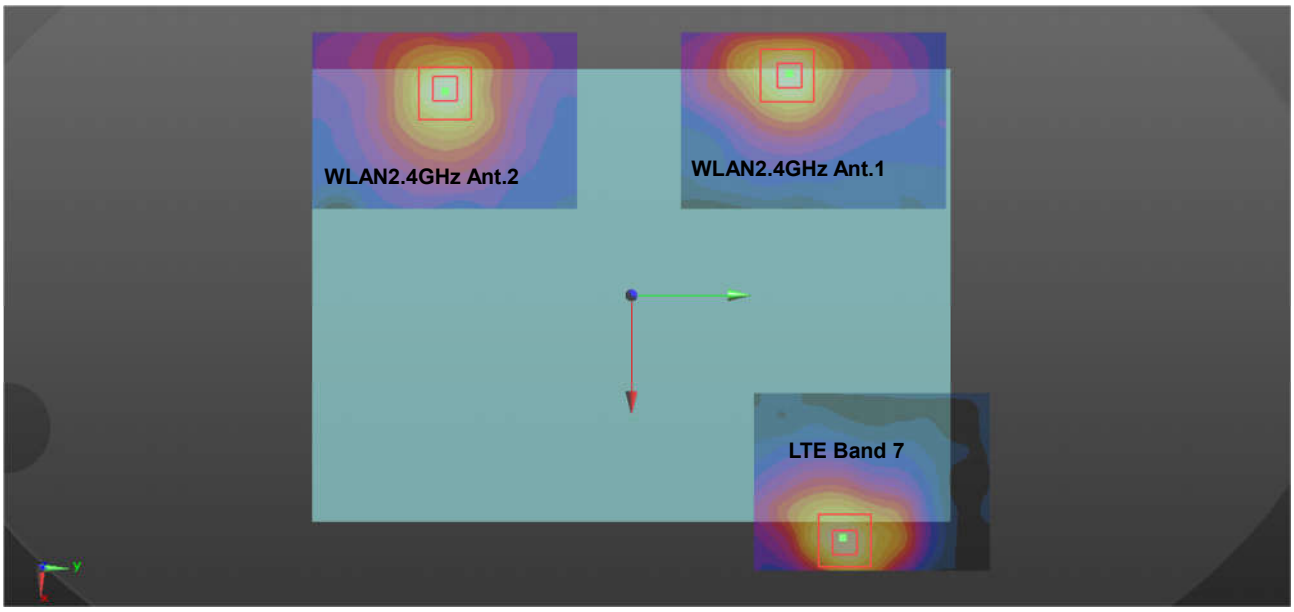
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #75	LTE Band 30	Bottom Face	1.116	0	8.66	-10.52	0.21	178.22	1.89	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 30		1.116	0	8.66	-10.52	0.21	244.70	1.46	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



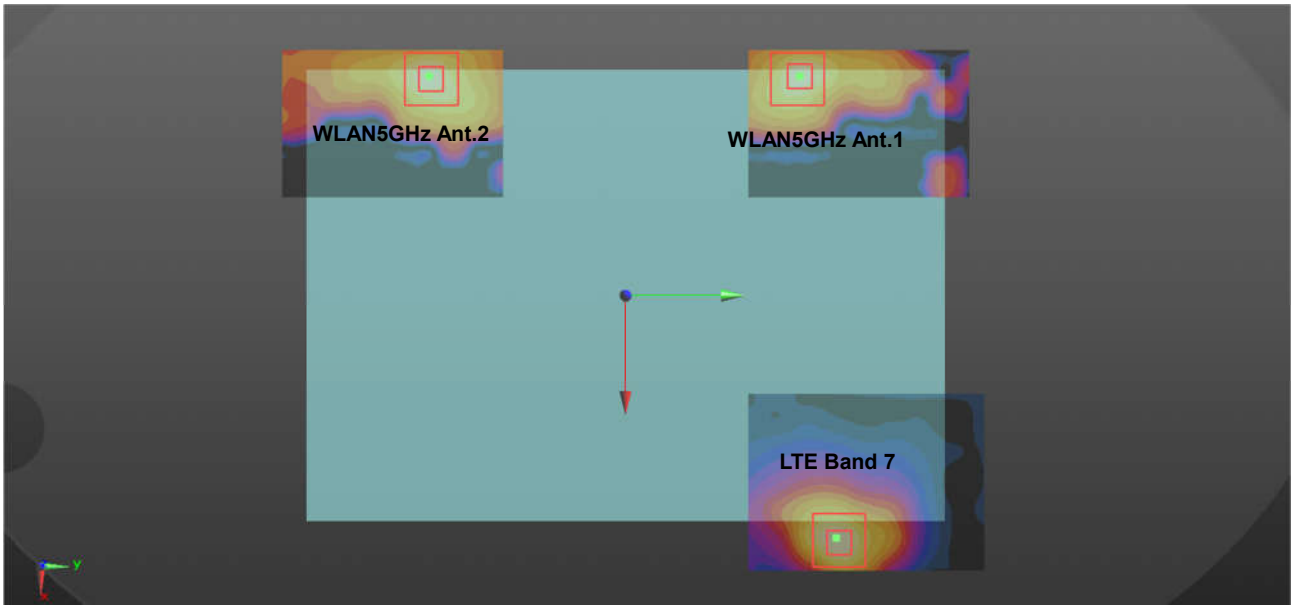
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #76	LTE Band 30	Bottom Face	1.116	0	8.66	-10.52	0.21	175.65	1.87	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 30		1.116	0	8.66	-10.52	0.21	244.70	1.46	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



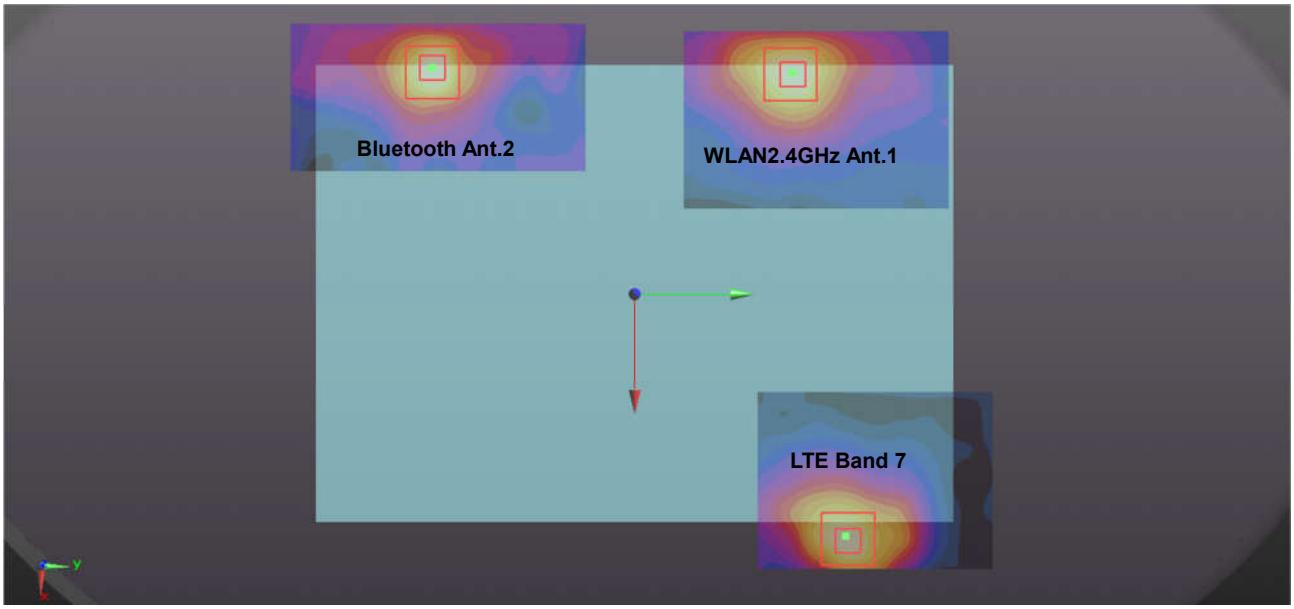
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #77	LTE Band 7	Bottom	1.010	0	10.18	8.70	0.18	192.22	2.19	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 7		1.010	0	10.18	8.70	0.18	249.33	2.13	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



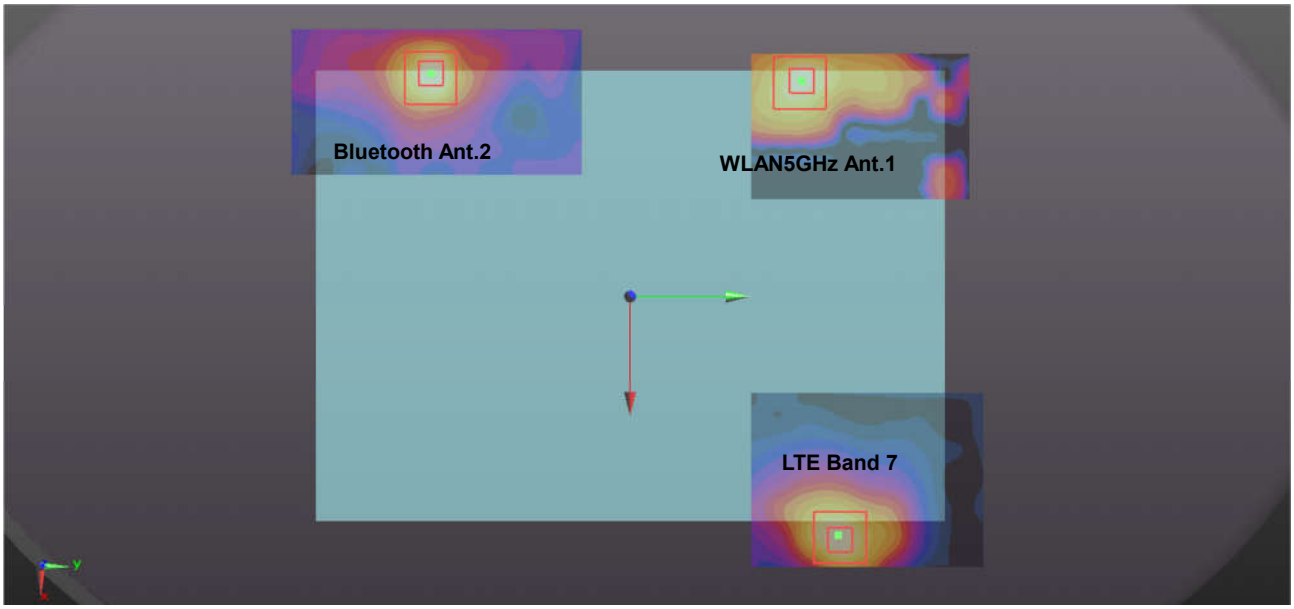
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #78	LTE Band 7	Bottom	1.010	0	10.18	8.70	0.18	192.21	2.20	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 7		1.010	0	10.18	8.70	0.18	252.44	1.96	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



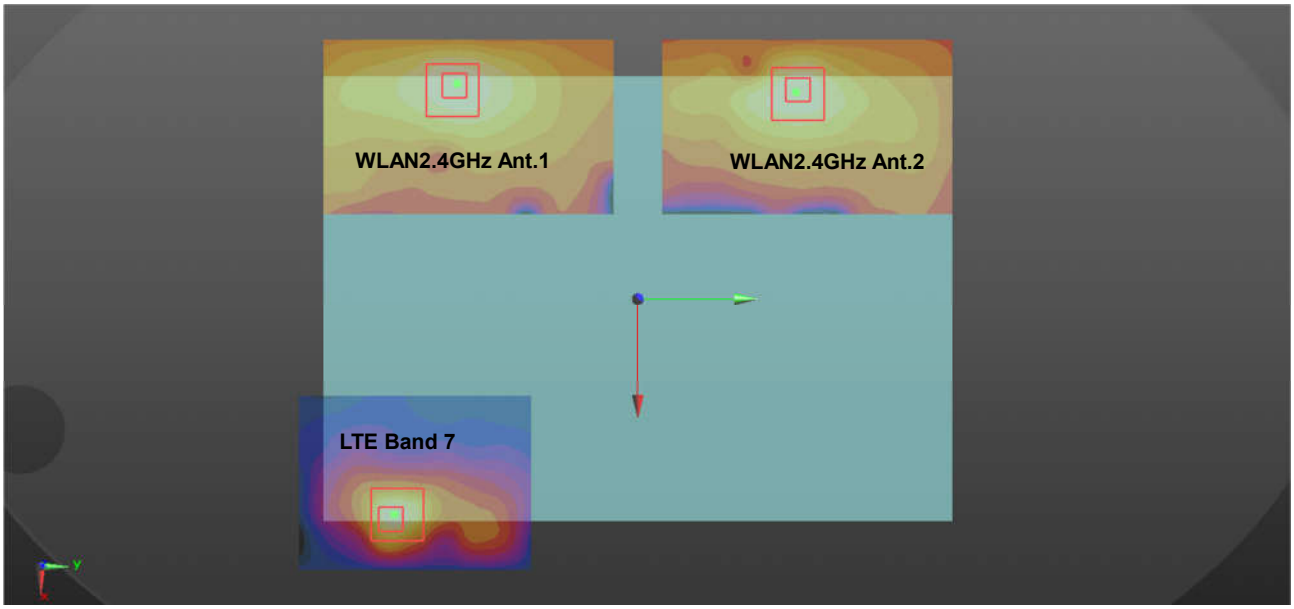
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #79	LTE Band 7	Bottom	1.010	0	10.18	8.70	0.18	192.22	2.19	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 7		1.010	0	10.18	8.70	0.18	259.49	1.43	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



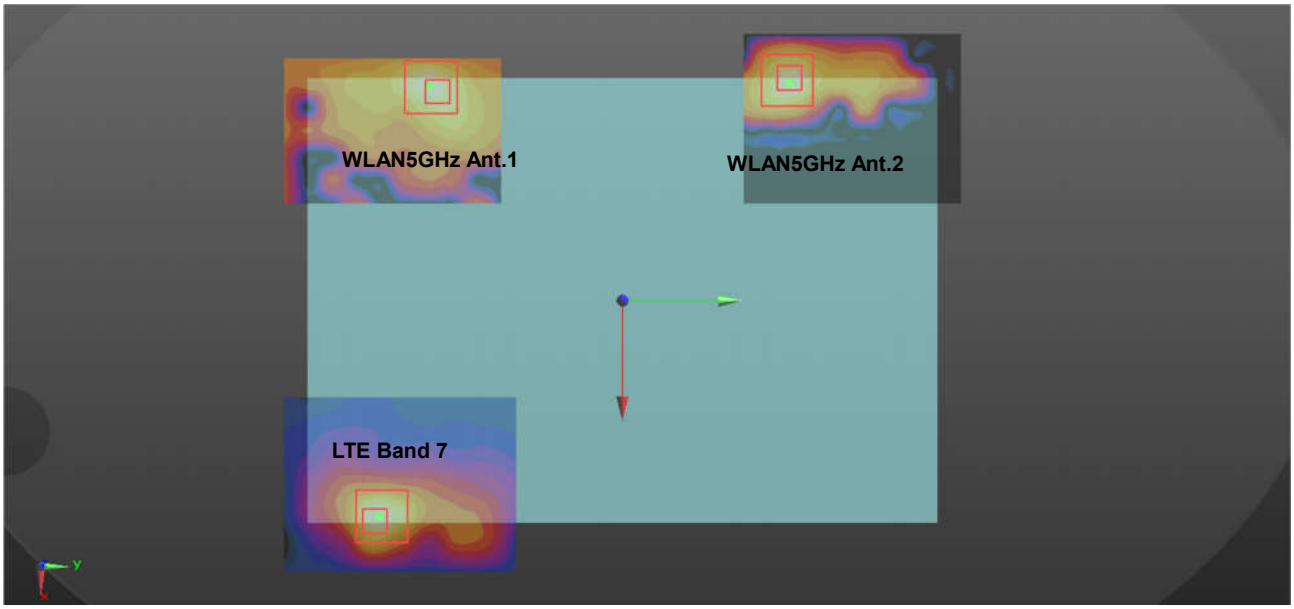
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #80	LTE Band 7	Bottom	1.010	0	10.18	8.70	0.18	192.21	2.20	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 7		1.010	0	10.18	8.70	0.18	259.49	1.43	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



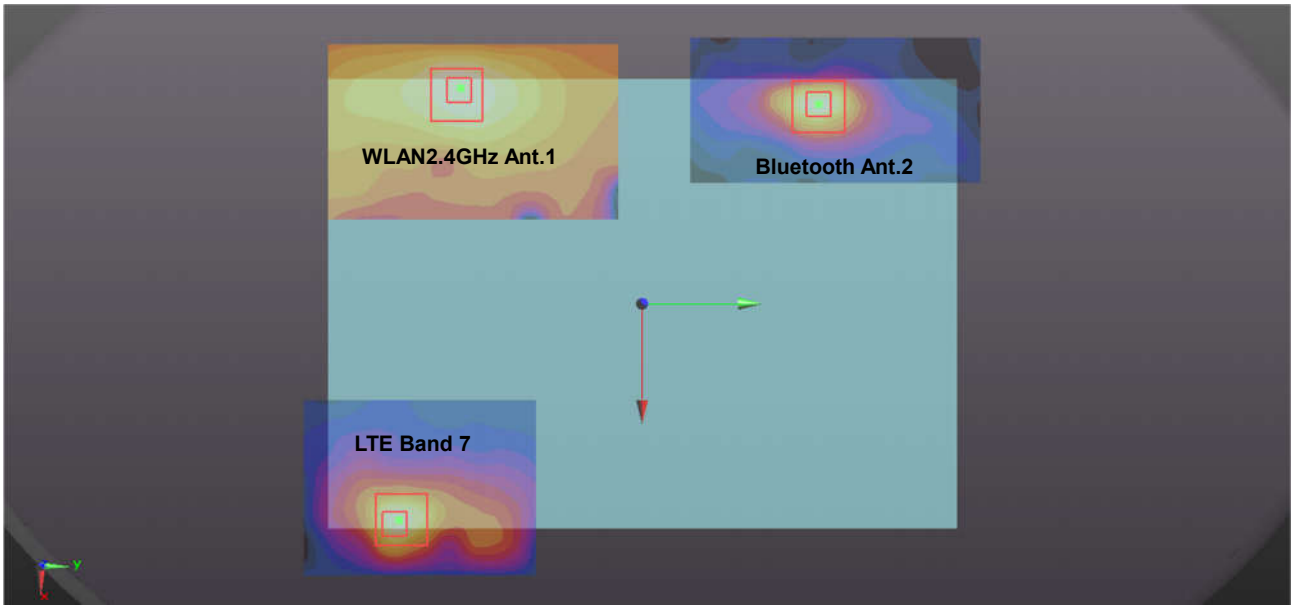
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #81	LTE Band 7	Bottom Face	0.990	0	9.12	-10.24	0.19	182.30	1.77	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 7		0.990	0	9.12	-10.24	0.19	239.28	1.93	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



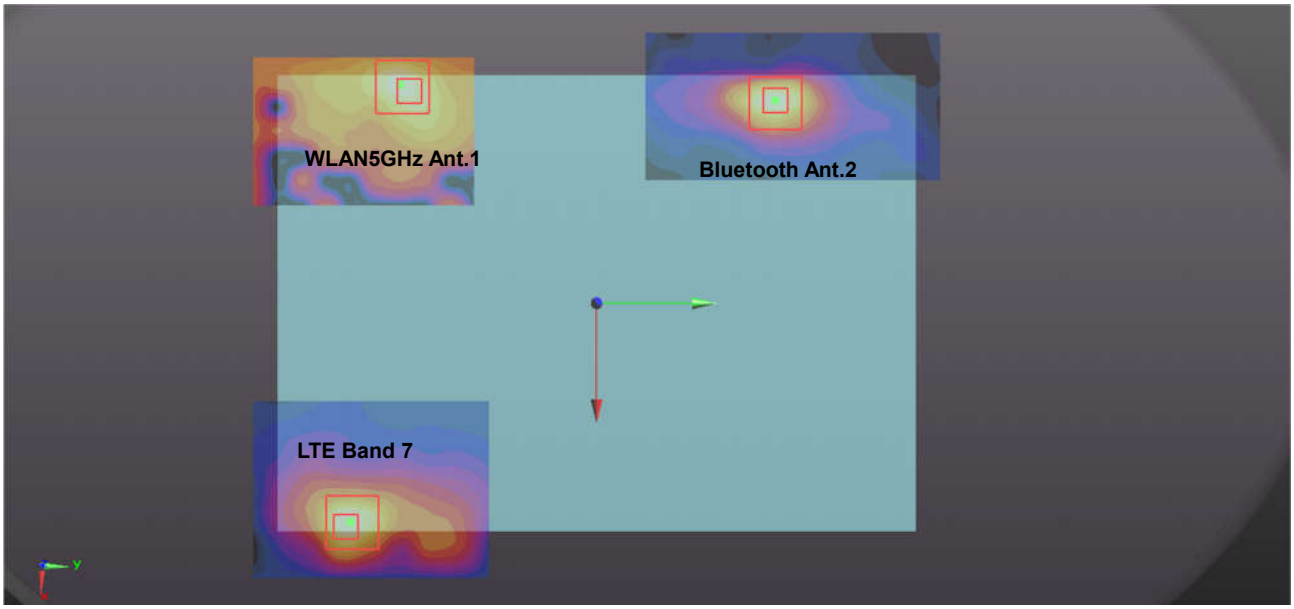
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #82	LTE Band 7	Bottom Face	0.990	0	9.12	-10.24	0.19	179.75	1.74	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 7		0.990	0	9.12	-10.24	0.19	250.59	2.09	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



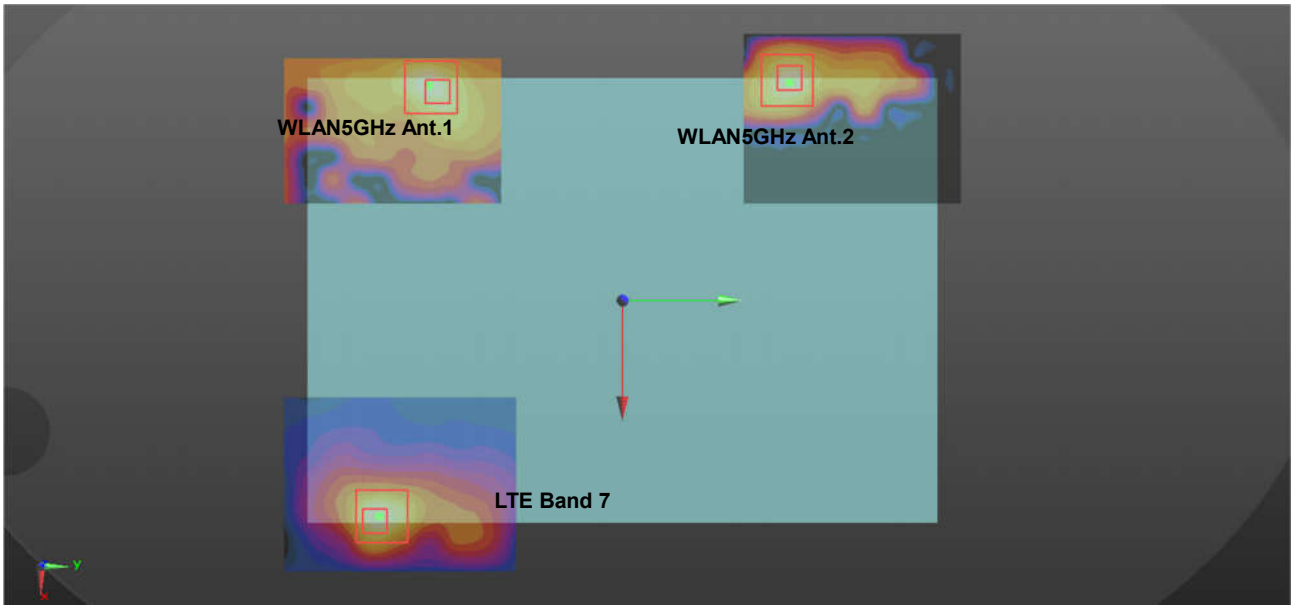
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #83	LTE Band 7	Bottom Face	0.990	0	9.12	-10.24	0.19	182.30	1.77	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 7		0.990	0	9.12	-10.24	0.19	245.97	1.33	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



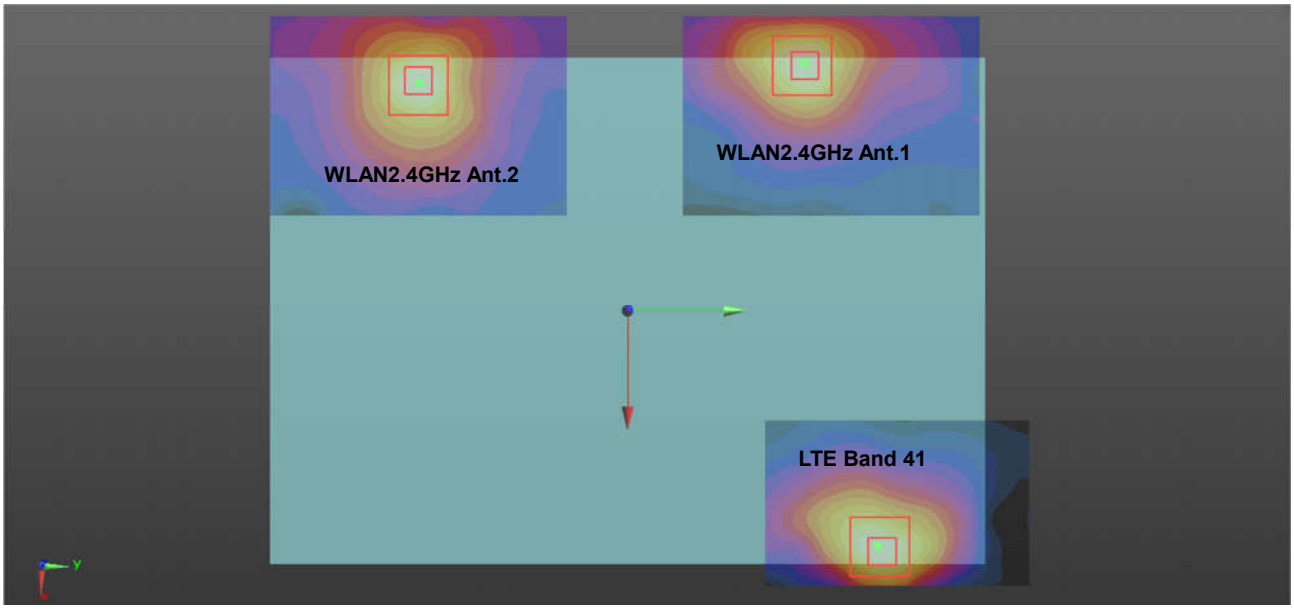
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #84	LTE Band 7	Bottom Face	0.990	0	9.12	-10.24	0.19	179.75	1.74	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 7		0.990	0	9.12	-10.24	0.19	245.97	1.33	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



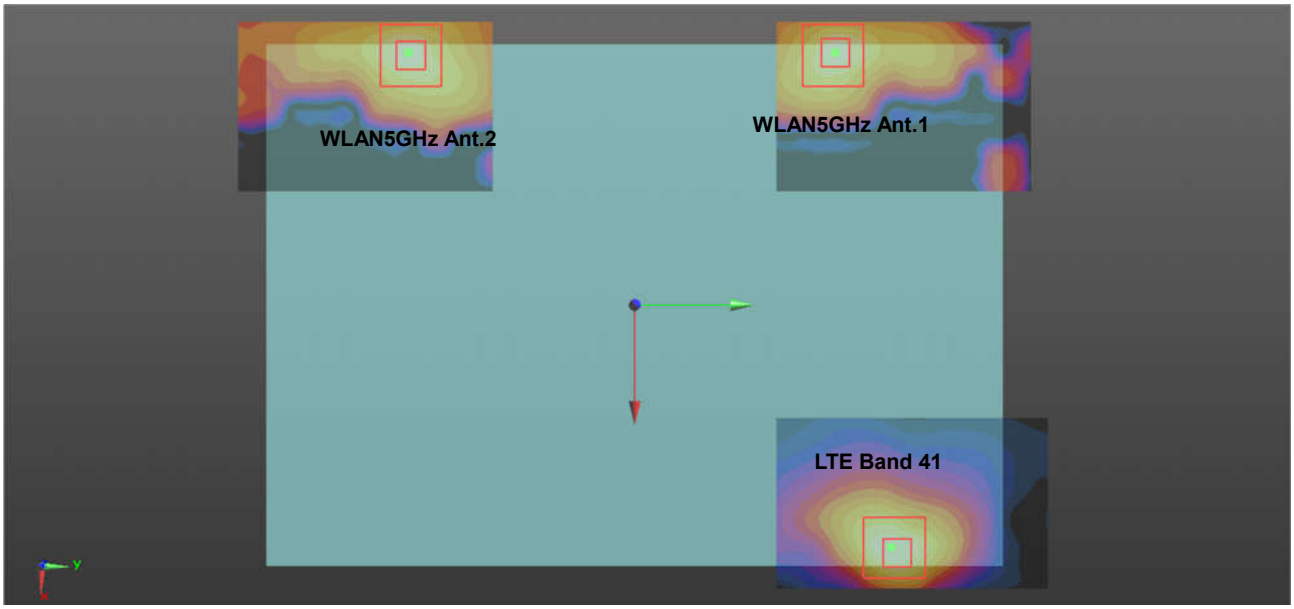
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #85	LTE Band 7	Bottom Face	0.418	10	9.12	-10.25	0.09	190.82	0.91	0.00	Not required
	WLAN5GHz Ant.1		0.493	10	-9.70	-7.12	-0.26				
	LTE Band 7		0.418	10	9.12	-10.25	0.09	251.39	1.11	0.00	Not required
	WLAN5GHz Ant.2		0.693	10	-9.46	6.68	-0.27				
	WLAN5GHz Ant.1		0.493	10	-9.70	-7.12	-0.26	138.02	1.19	0.01	Not required
	WLAN5GHz Ant.2		0.693	10	-9.46	6.68	-0.27				



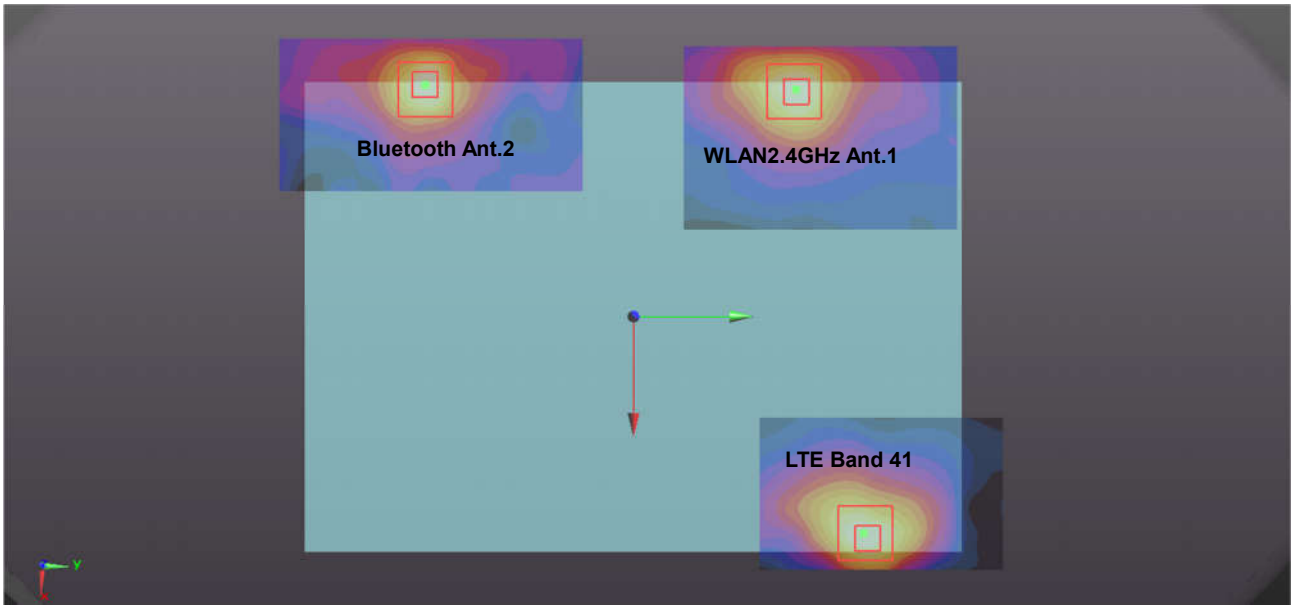
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #86	LTE Band 41	Bottom	1.179	0	8.86	9.28	0.15	179.90	2.36	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 41		1.179	0	8.86	9.28	0.15	243.55	2.30	0.01	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	142.44	2.30	0.02	Not required
	WLAN2.4GHz Ant.2		1.124	0	-8.60	-7.70	0.06				



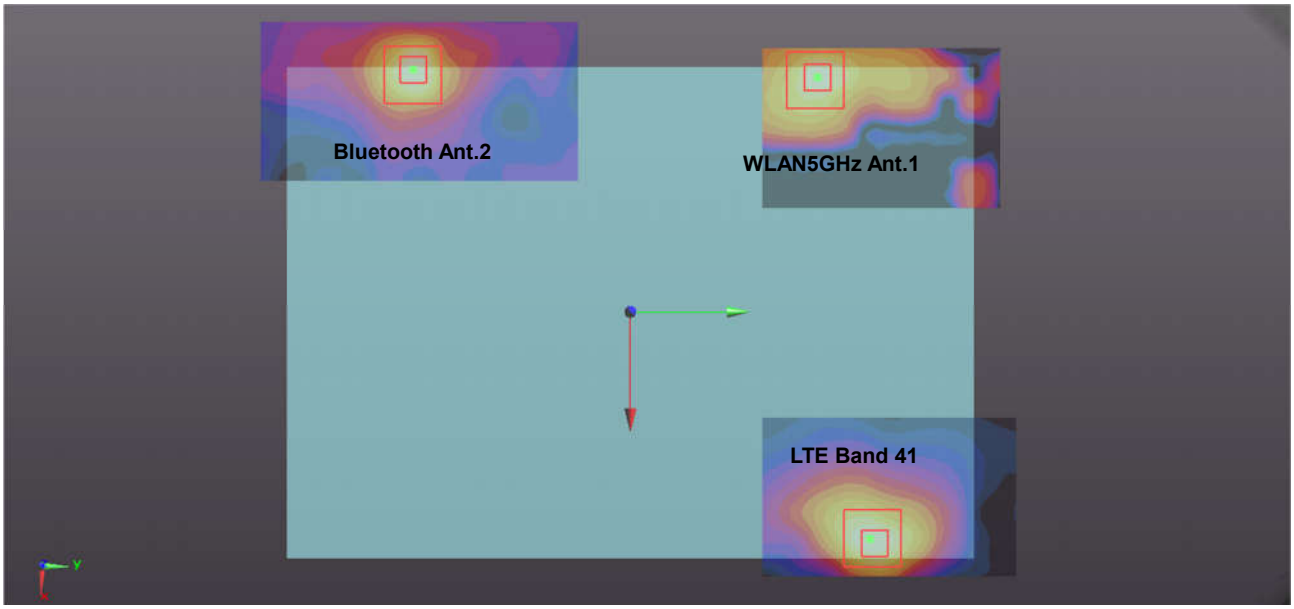
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #87	LTE Band 41	Bottom	1.179	0	8.86	9.28	0.15	179.63	2.37	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 41		1.179	0	8.86	9.28	0.15	246.66	2.13	0.01	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	151.01	2.15	0.02	Not required
	WLAN5GHz Ant.2		0.952	0	-8.82	-7.92	0.04				



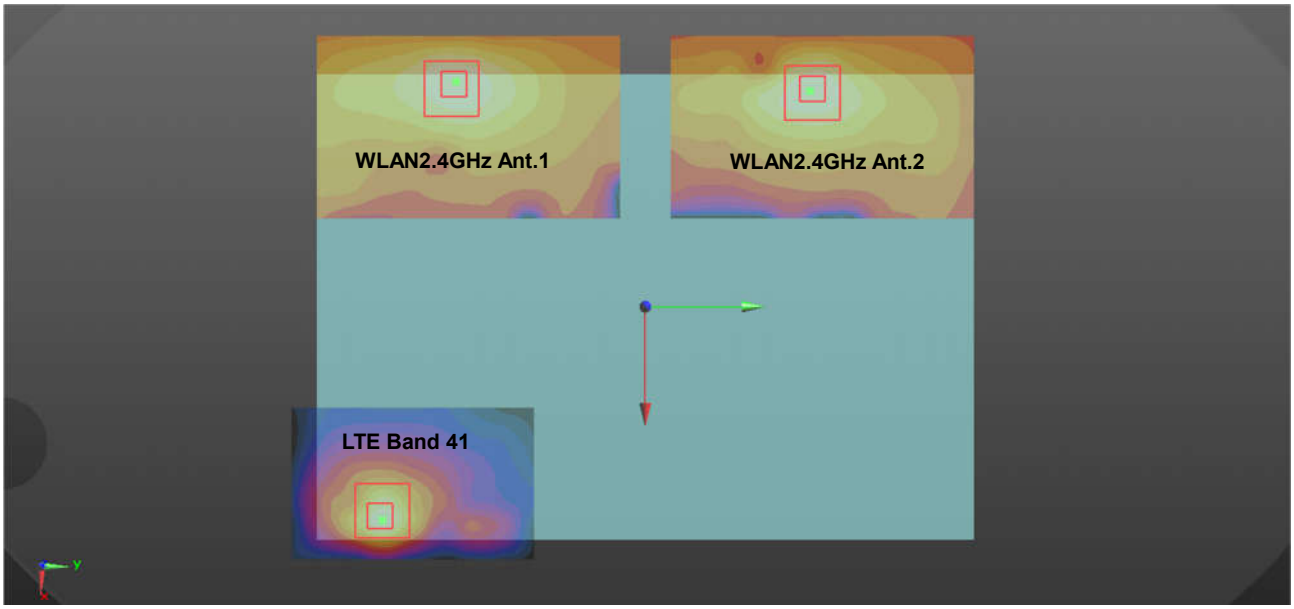
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #88	LTE Band 41	Bottom	1.179	0	8.86	9.28	0.15	179.90	2.36	0.02	Not required
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12				
	LTE Band 41		1.179	0	8.86	9.28	0.15	253.74	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN2.4GHz Ant.1		1.180	0	-8.92	6.54	0.12	149.87	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



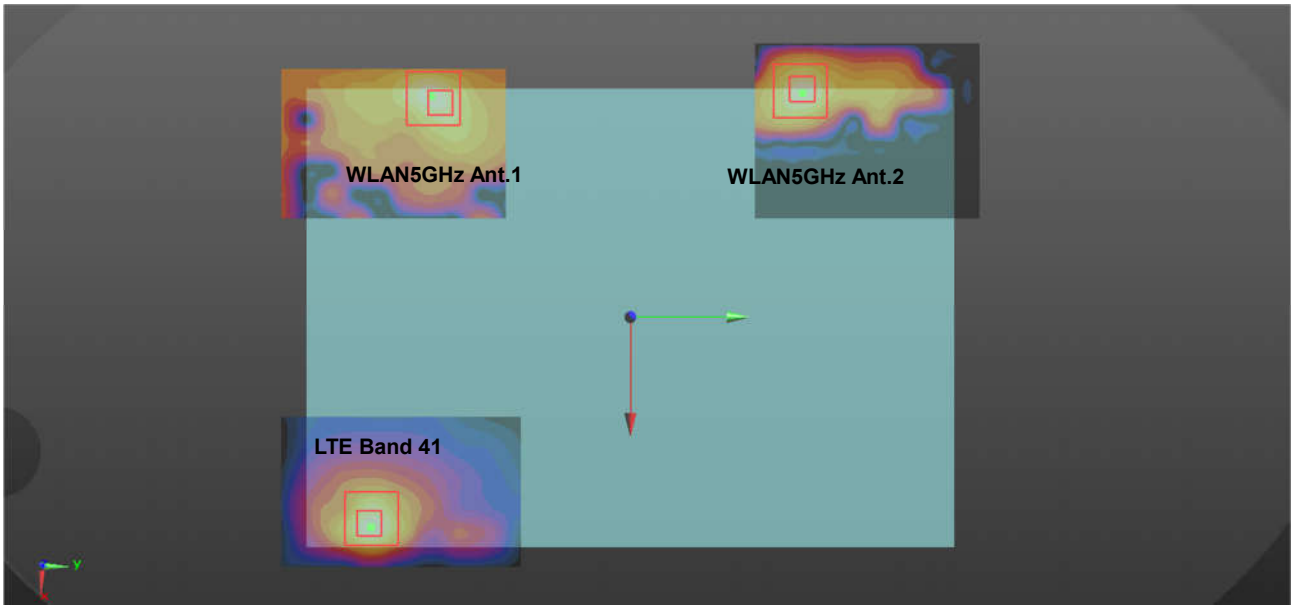
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #89	LTE Band 41	Bottom	1.179	0	8.86	9.28	0.15	179.63	2.37	0.02	Not required
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05				
	LTE Band 41		1.179	0	8.86	9.28	0.15	253.74	1.60	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				
	WLAN5GHz Ant.1		1.194	0	-8.98	7.18	0.05	156.24	1.61	0.01	Not required
	Bluetooth Ant.2		0.420	0	-9.30	-8.44	-0.11				



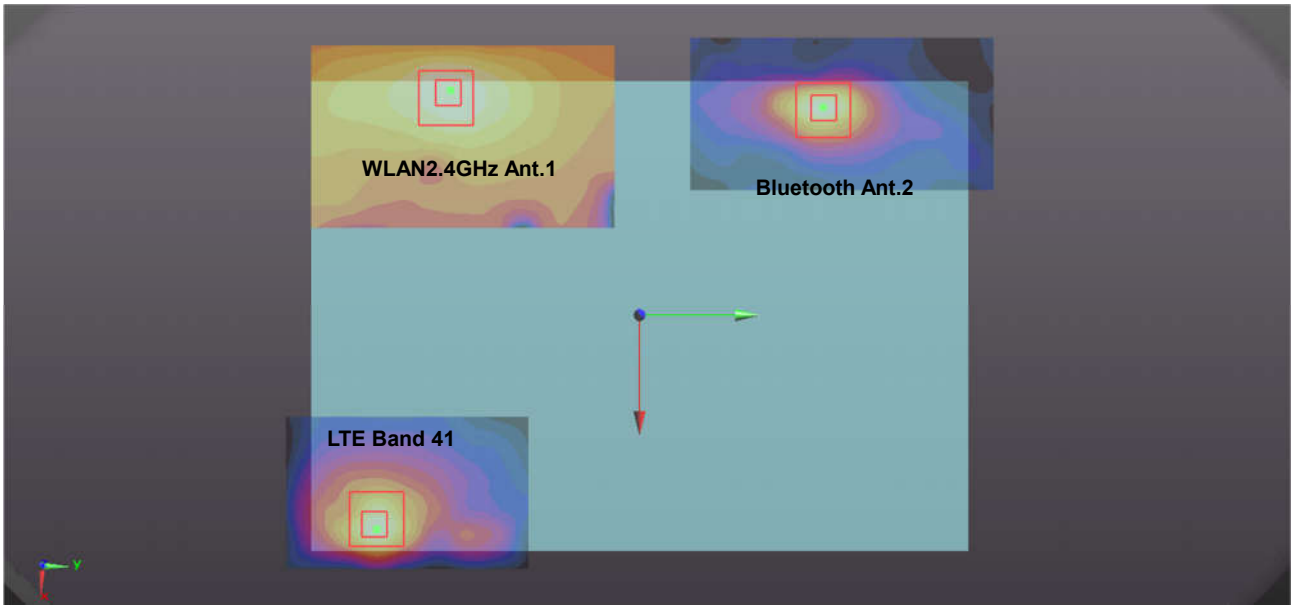
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #90	LTE Band 41	Bottom Face	0.964	0	8.44	-10.50	0.16	176.01	1.74	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 41		0.964	0	8.44	-10.50	0.16	236.18	1.90	0.01	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	136.12	1.71	0.02	Not required
	WLAN2.4GHz Ant.2		0.935	0	-8.34	6.12	0.02				



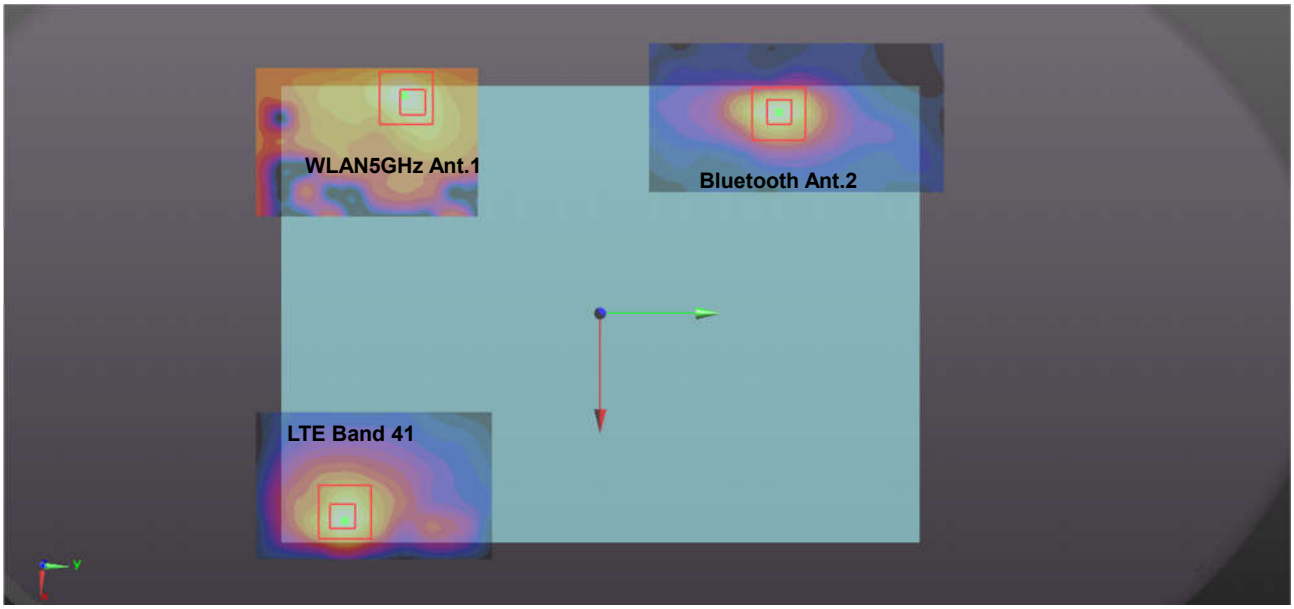
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #91	LTE Band 41	Bottom Face	0.964	0	8.44	-10.50	0.16	173.44	1.72	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 41		0.964	0	8.44	-10.50	0.16	247.49	2.06	0.01	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.09	1.85	0.02	Not required
	WLAN5GHz Ant.2		1.095	0	-9.16	6.90	0.05				



	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #92	LTE Band 41	Bottom Face	0.964	0	8.44	-10.50	0.16	176.01	1.74	0.01	Not required
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08				
	LTE Band 41		0.964	0	8.44	-10.50	0.16	243.02	1.31	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN2.4GHz Ant.1		0.777	0	-8.90	-7.48	0.08	144.69	1.12	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (cm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case #93	LTE Band 41	Bottom Face	0.964	0	8.44	-10.50	0.16	173.44	1.72	0.01	Not required
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06				
	LTE Band 41		0.964	0	8.44	-10.50	0.16	243.02	1.31	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				
	WLAN5GHz Ant.1		0.752	0	-8.66	-7.60	0.06	145.83	1.10	0.01	Not required
	Bluetooth Ant.2		0.343	0	-8.44	6.98	-0.14				



Test Engineer : Nick Hu

17. 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 ≤ 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.

18. References

[1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”

[2] ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992

[3] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013

[4] SPEAG DASY System Handbook

[5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.

[6] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015

[7] FCC KDB 447498 D01 v06, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Oct 2015

[8] FCC KDB 248227 D01 v02r02, “SAR Guidance for IEEE 802.11 (WiFi) Transmitters”, Oct 2015.

[9] FCC KDB 616217 D04 v01r02, “SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers”, Oct 2015

[10] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015

[11] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015

[12] FCC KDB 941225 D05A v01r02, “Rel. 10 LTE SAR Test Guidance and KDB Inquiries”, Oct 2015

Appendix A. Plots of System Performance Check

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.1

System Check_Body_750MHz

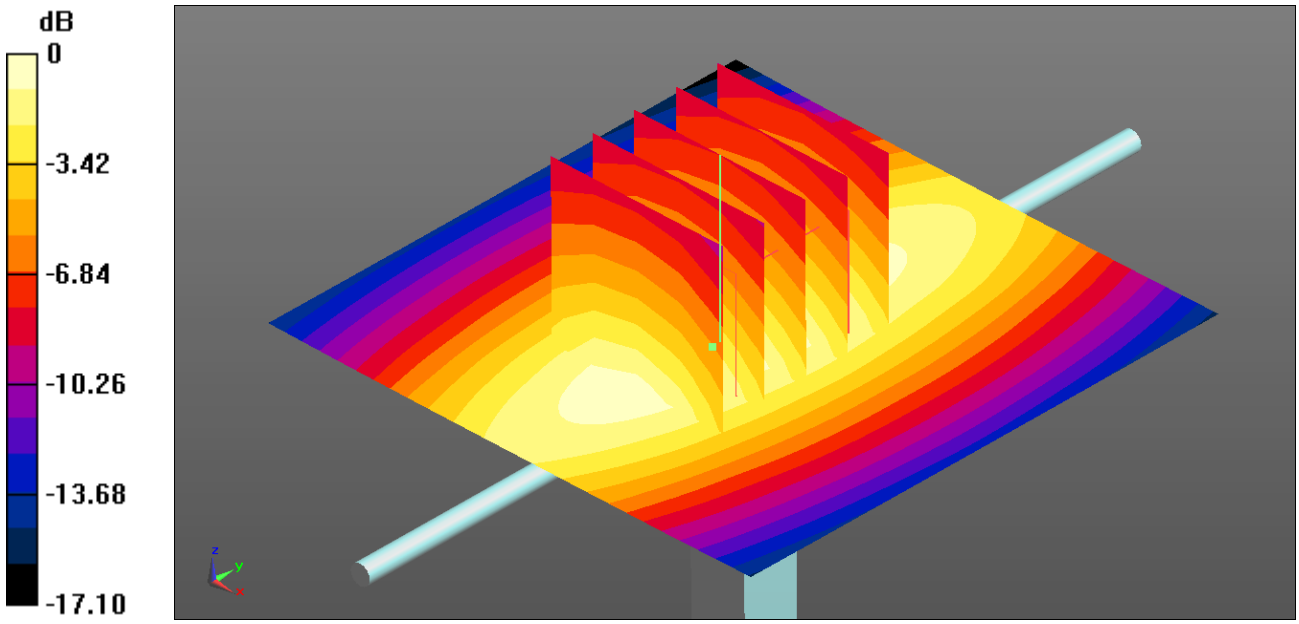
DUT: D750V3 - SN:1065

Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 750 MHz; σ = 0.972 S/m; ε_r = 56.473; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.45, 10.45, 10.45); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.75 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.85 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 4.26 W/kg
SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.43 W/kg
Maximum value of SAR (measured) = 3.74 W/kg



0 dB = 3.75 W/kg = 5.74 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.1

System Check_Body_835MHz

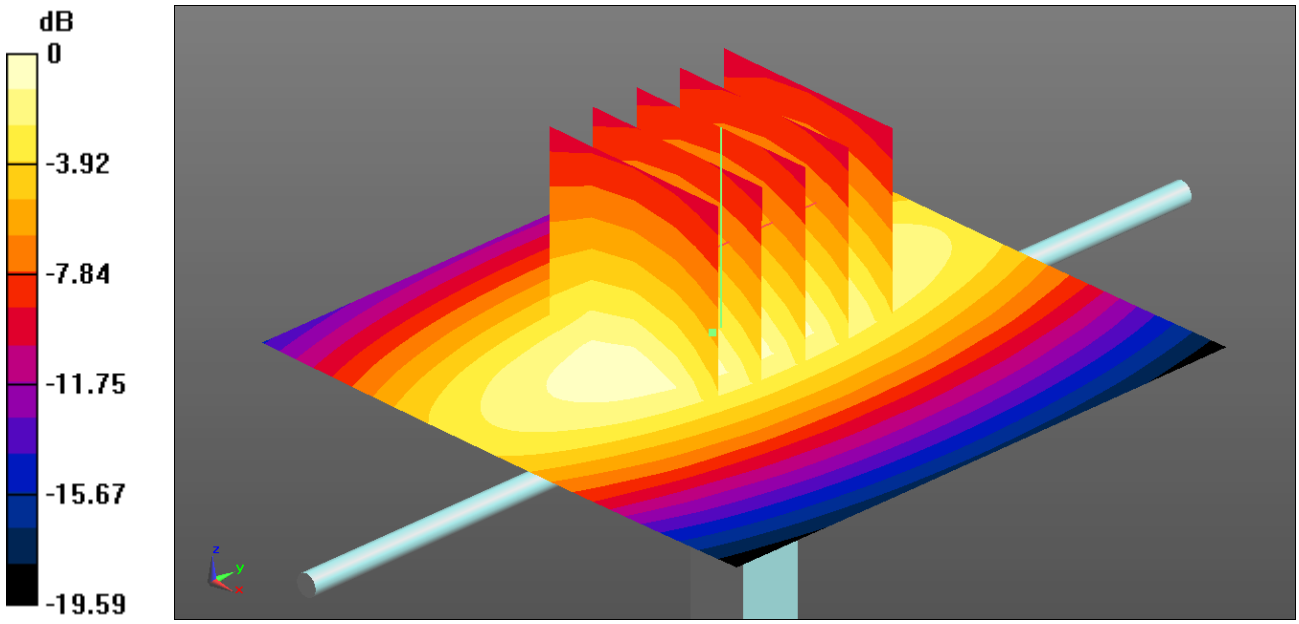
DUT: D835V2 - SN:4d091

Communication System: UID 0, CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 835 MHz; σ = 0.995 S/m; ε_r = 54.629; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.4, 10.4, 10.4); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.48 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.68 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.94 W/kg
SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.63 W/kg
Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.48 W/kg = 3.94 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.2

System Check_Body_1750MHz

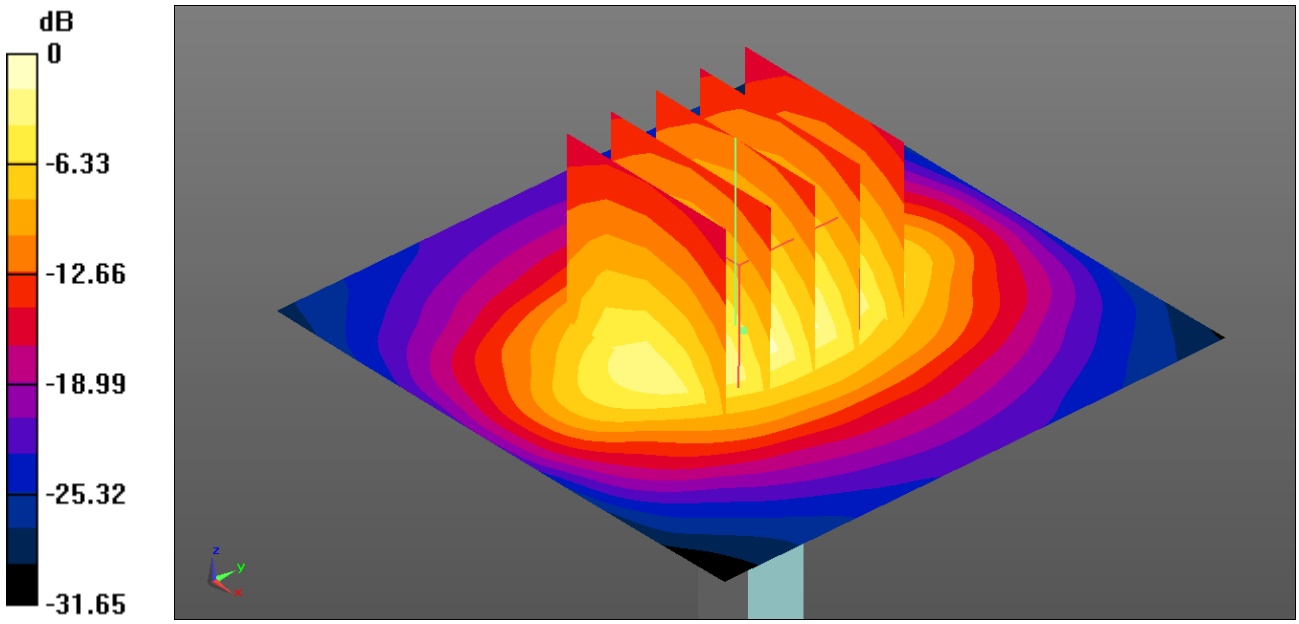
DUT: D1750V2 - SN:1069

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: f = 1750 MHz; σ = 1.459 S/m; ε_r = 54.103; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.5, 8.5, 8.5); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.5 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 86.21 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 9.94 W/kg; SAR(10 g) = 5.29 W/kg
Maximum value of SAR (measured) = 13.4 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.2

System Check_Body_1900MHz

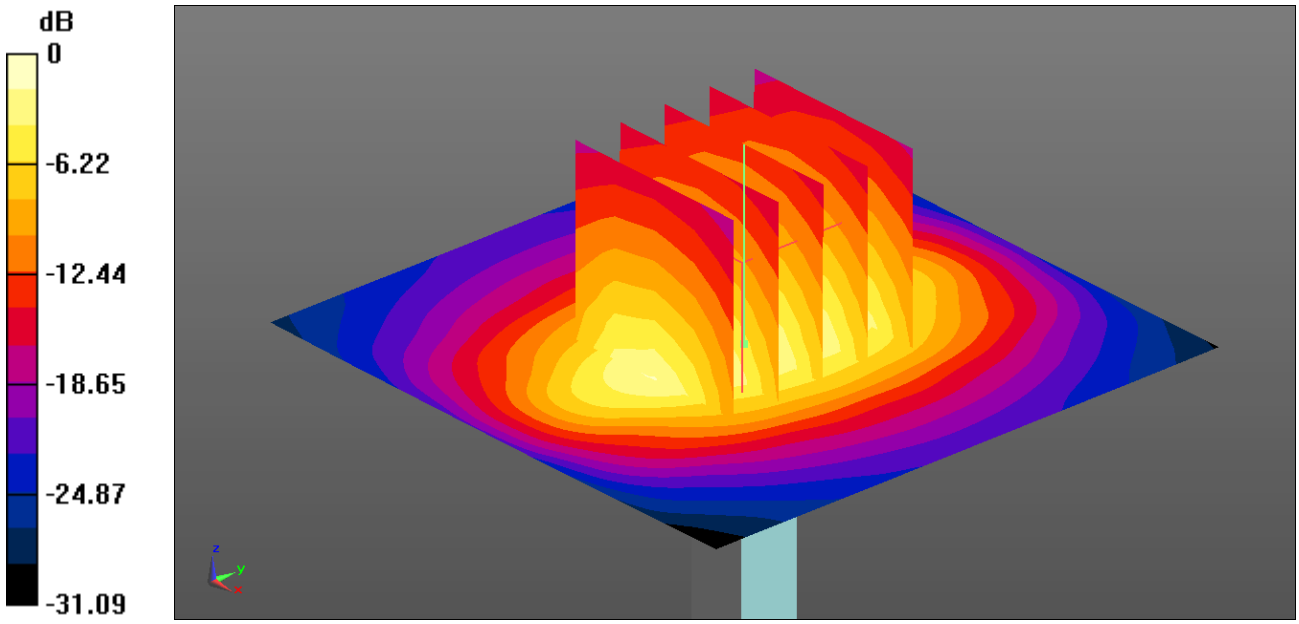
DUT: D1900V2 - SN:5d118

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1900 MHz; σ = 1.526 S/m; ε_r = 51.737; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.17, 8.17, 8.17); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.2 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 85.85 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 17.8 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.45 W/kg
Maximum value of SAR (measured) = 14.2 W/kg



0 dB = 14.2 W/kg = 11.52 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.1.31

System Check_Body_2300MHz

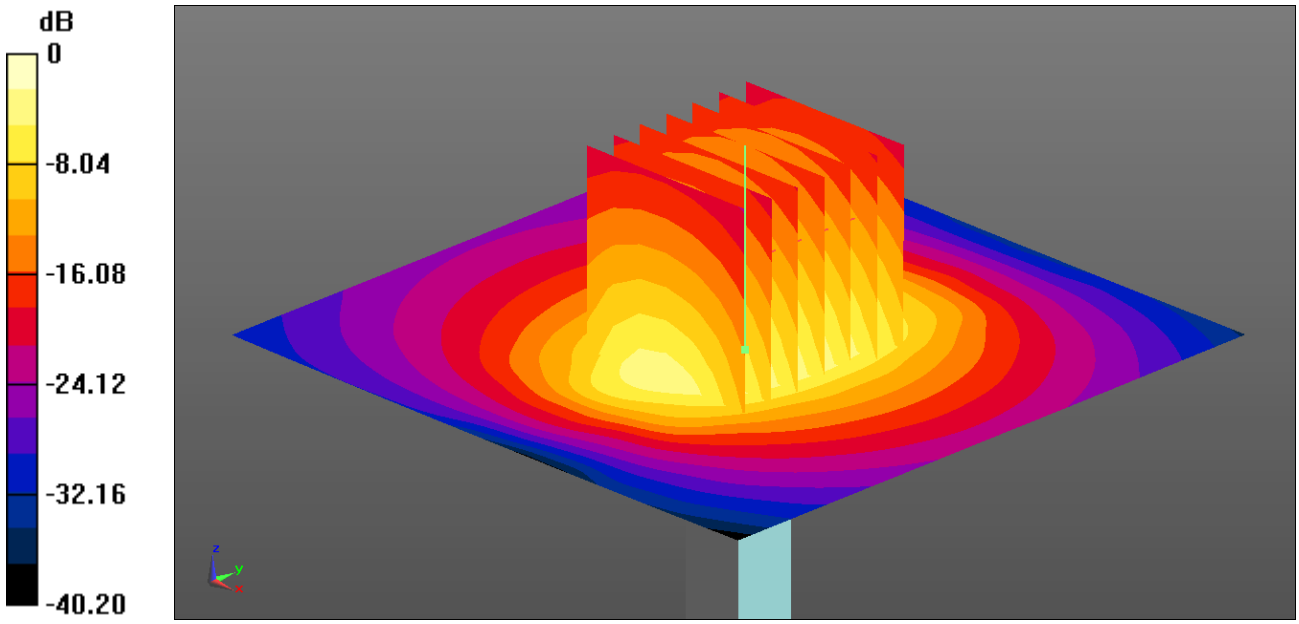
DUT: D2300V2 - SN:1055

Communication System: UID 0, CW (0); Frequency: 2300 MHz;Duty Cycle: 1:1
Medium: MSL_2300 Medium parameters used: f = 2300 MHz; σ = 1.805 S/m; ε_r = 54.167; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(7.95, 7.95, 7.95); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 16.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.22 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 22.5 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.87 W/kg
Maximum value of SAR (measured) = 17.1 W/kg



0 dB = 16.9 W/kg = 12.28 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.3.4

System Check_Body_2450MHz

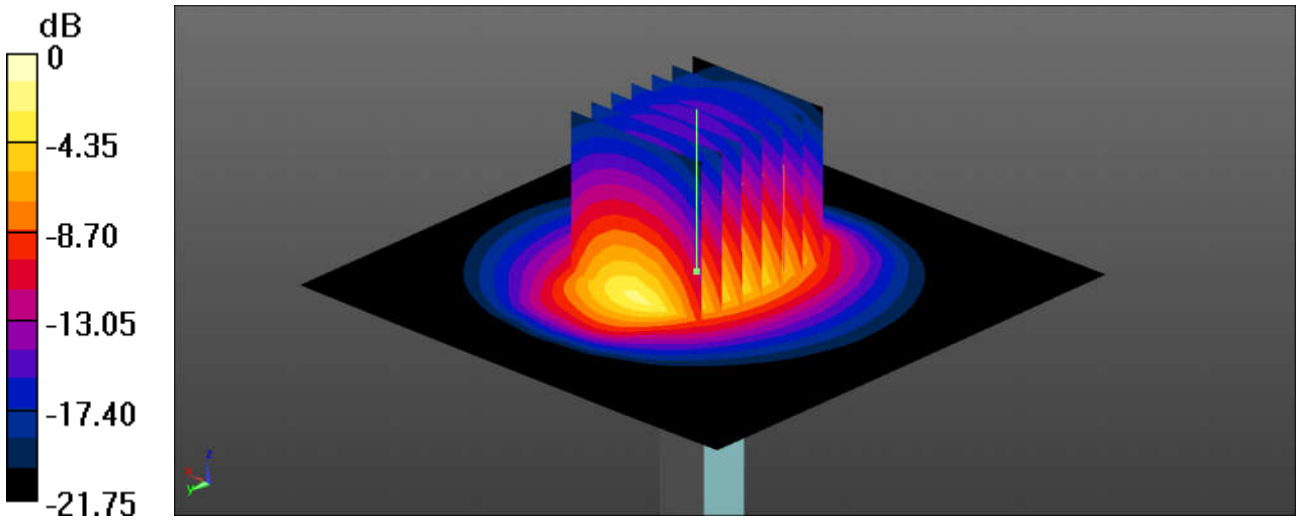
DUT: D2450V2 - SN:840

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2450 MHz; σ = 2.027 S/m; ε_r = 52.236; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(7.85, 7.85, 7.85); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 19.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.76 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 25.4 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.05 W/kg
Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.1.31

System Check_Body_2600MHz

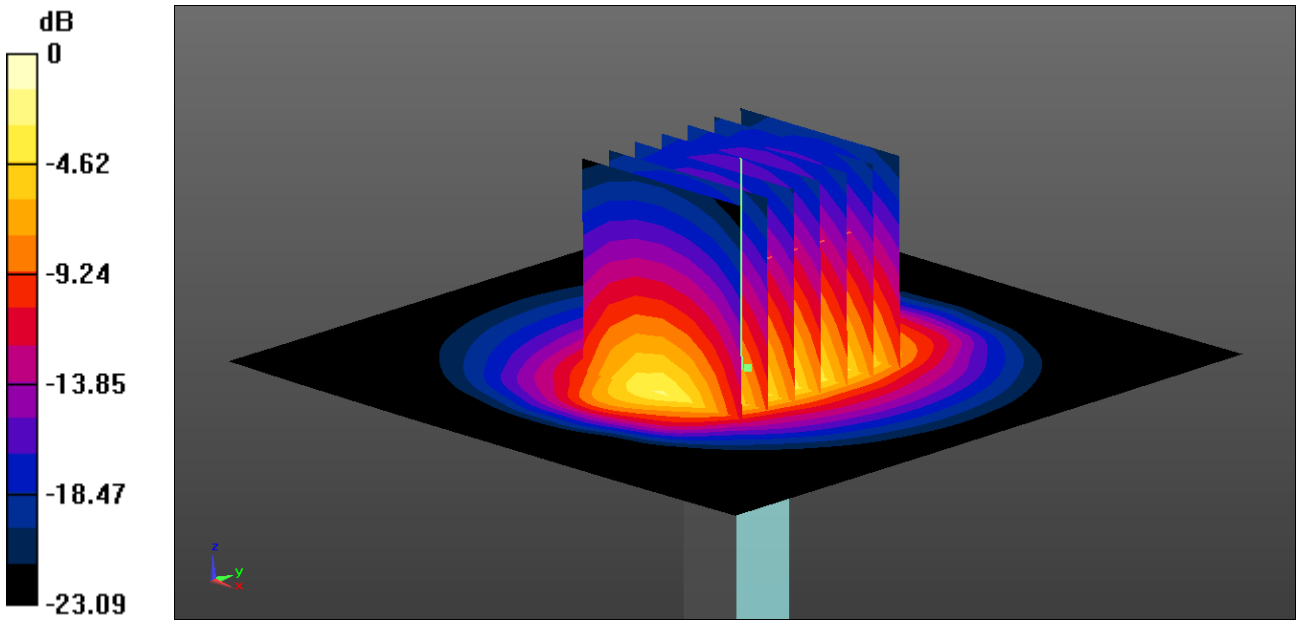
DUT: D2600V2 - SN:1061

Communication System: UID 0, CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: f = 2600 MHz; σ = 2.224 S/m; ε_r = 52.974; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3753; ConvF(7.14, 7.14, 7.14); Calibrated: 2017.5.5;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 23.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.12 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 32.2 W/kg
SAR(1 g) = 13.91 W/kg; SAR(10 g) = 6.35 W/kg
Maximum value of SAR (measured) = 24.4 W/kg



0 dB = 23.9 W/kg = 13.78 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.7

System Check_Body_5250MHz

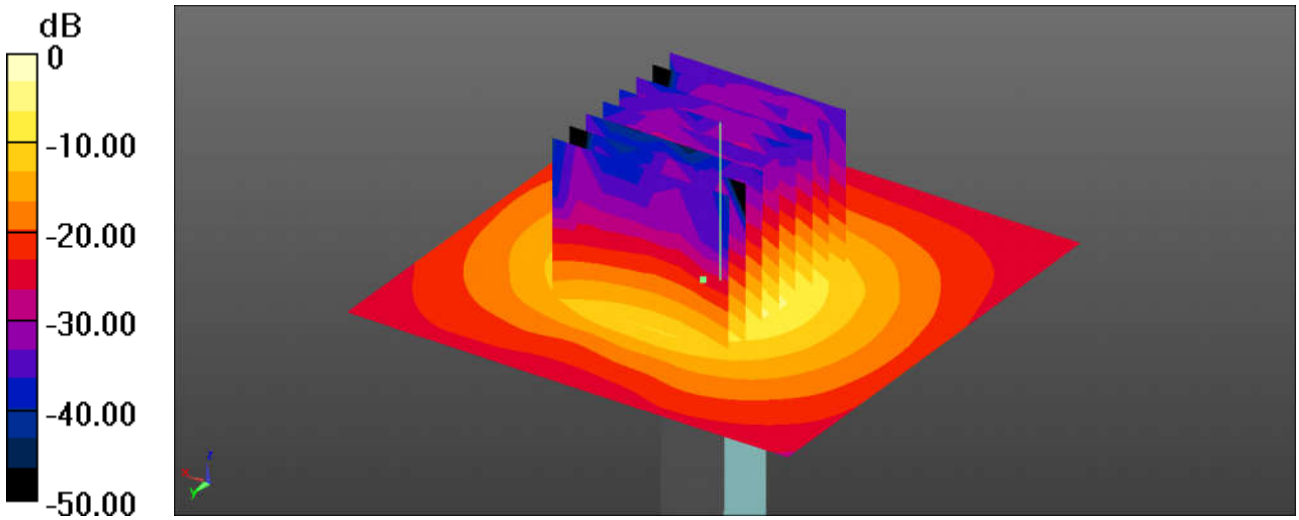
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: MSL_5000 Medium parameters used: f = 5250 MHz; σ = 5.503 S/m; ε_r = 47.804; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(5.13, 5.13, 5.13); Calibrated: 2017.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 13.0 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 33.66 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 22.8 W/kg
SAR(1 g) = 7.4 W/kg; SAR(10 g) = 2.14 W/kg
Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.8

System Check_Body_5600MHz

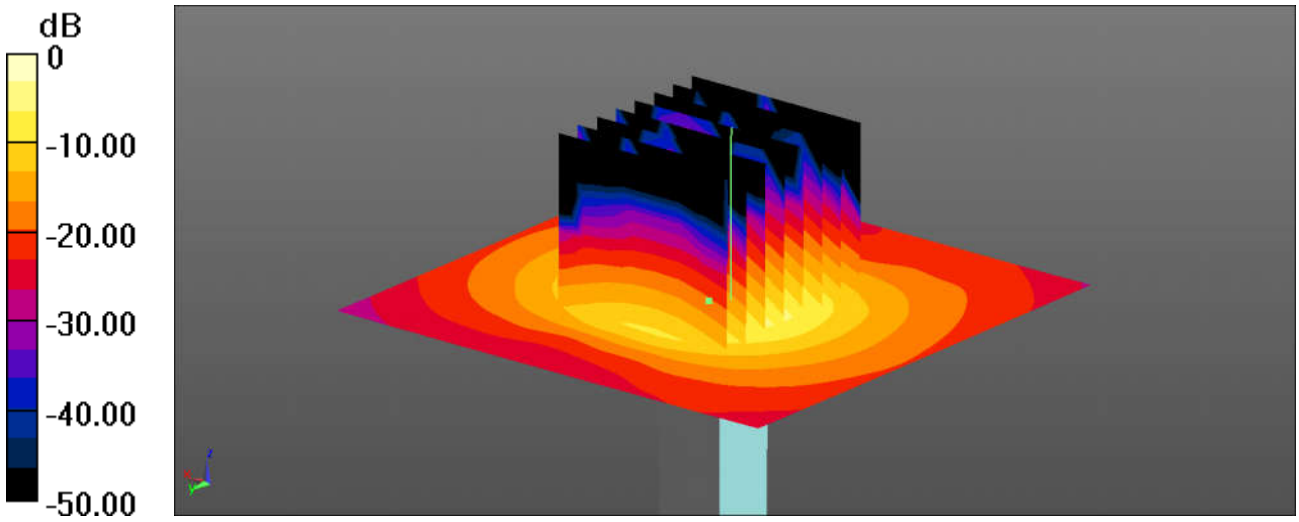
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: MSL_5000 Medium parameters used: f = 5600 MHz; σ = 5.961 S/m; ε_r = 47.214; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(4.14, 4.14, 4.14); Calibrated: 2017.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.5 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 37.99 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 29.9 W/kg
SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.23 W/kg
Maximum value of SAR (measured) = 16.8 W/kg



0 dB = 16.8 W/kg = 12.25 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.9

System Check_Body_5750MHz

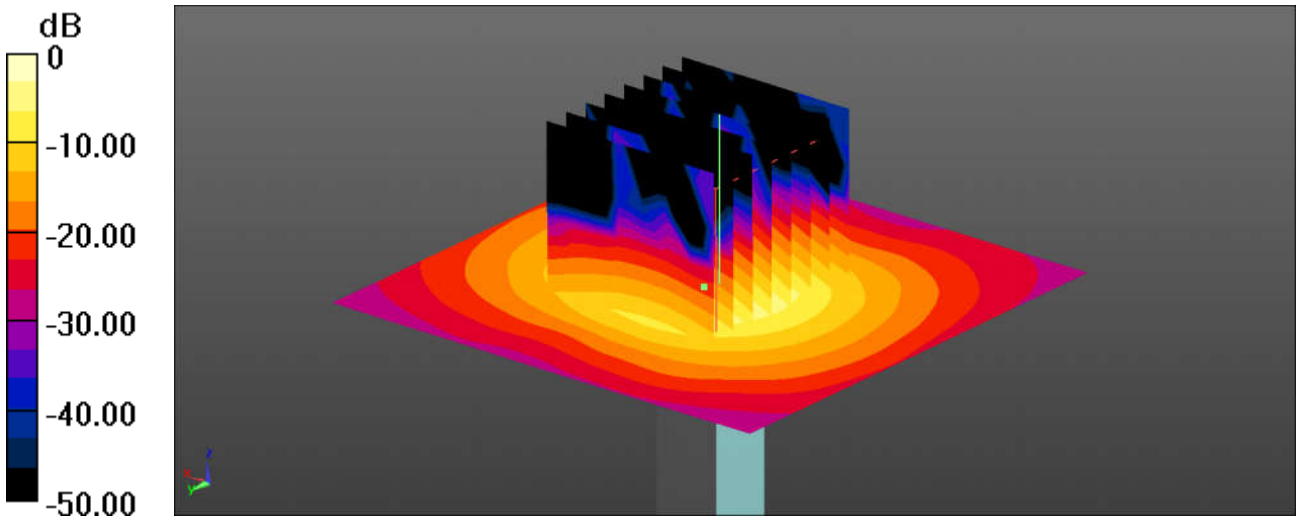
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: MSL_5000 Medium parameters used: f = 5750 MHz; σ = 6.17 S/m; ε_r = 46.927; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(4.5, 4.5, 4.5); Calibrated: 2017.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 14.5 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 32.62 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 27.8 W/kg
SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.27 W/kg
Maximum value of SAR (measured) = 14.7 W/kg



0 dB = 14.7 W/kg = 11.67 dBW/kg

Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

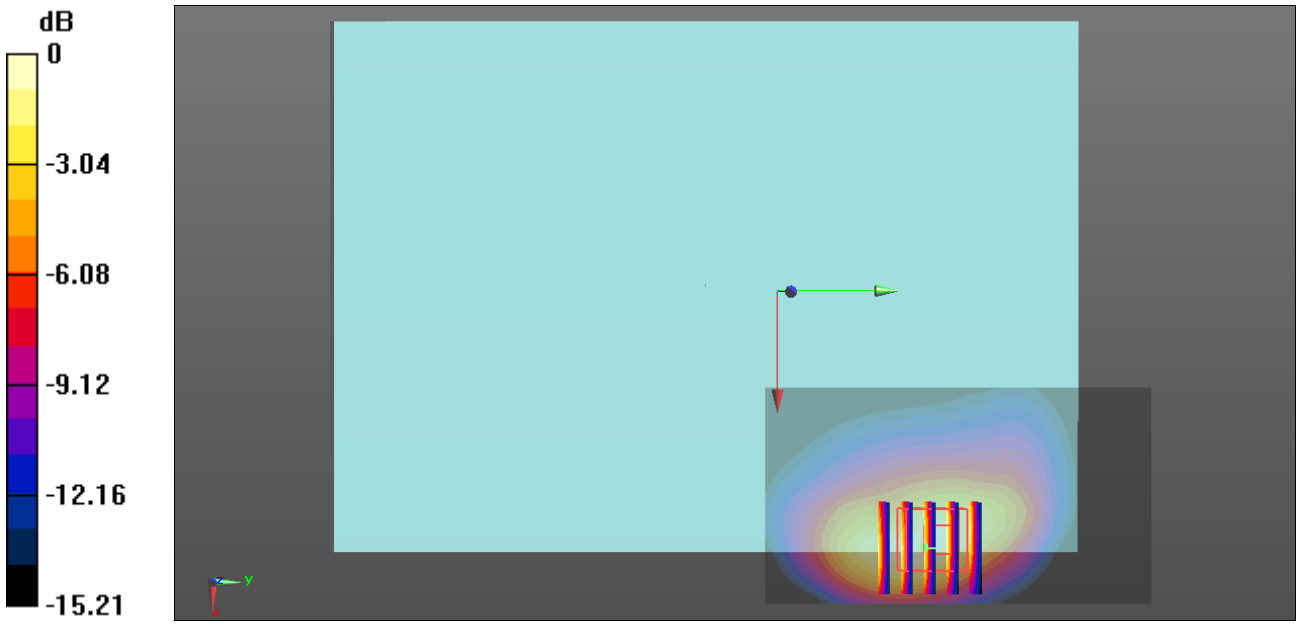
#01_WCDMA Band V_RMC 12.2Kbps_Bottom_0mm_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used : f = 826.4 MHz; σ = 0.986 S/m; ε_r = 54.724; $\rho = 1000 kg/m^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.4, 10.4, 10.4); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch4132/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.9090 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.517 W/kg
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.2

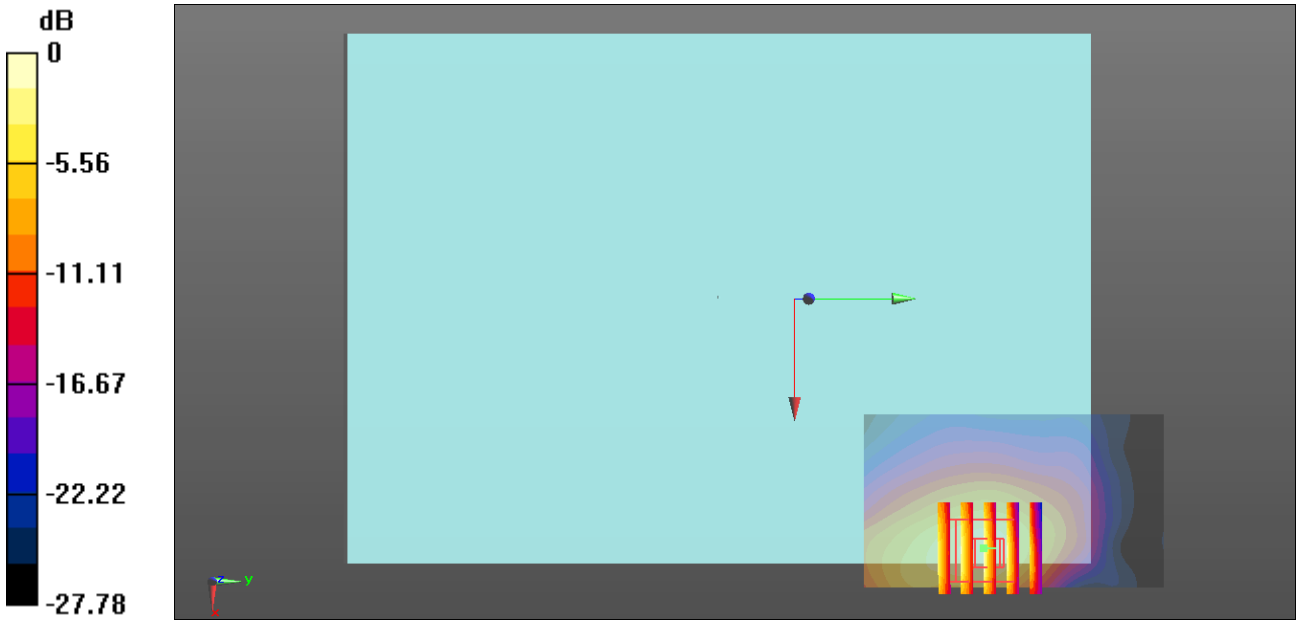
#02_WCDMA Band IV_RMC 12.2Kbps_Bottom_0mm_Ch1312

Communication System: UID 0, UMTS (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used : f = 1712.4 MHz; σ = 1.412 S/m; ε_r = 54.191;
ρ =1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.5, 8.5, 8.5); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1312/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.378 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

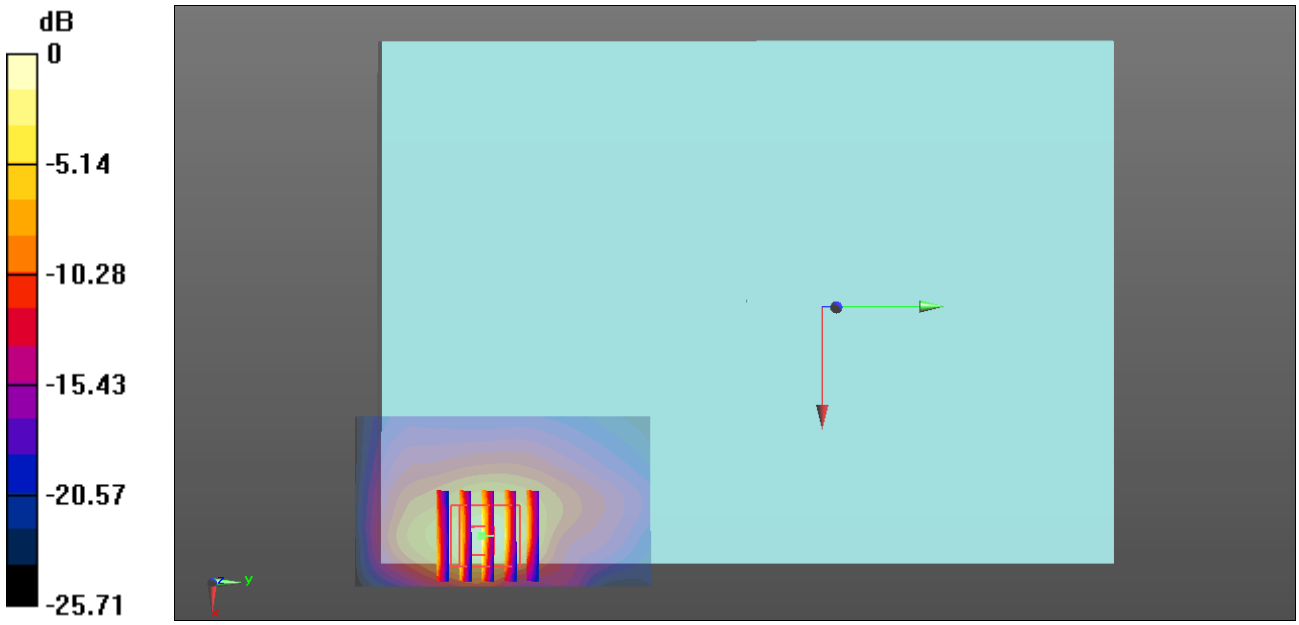
#03_WCDMA Band II_RMC 12.2Kbps_Bottom Face_0mm_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1907.6 MHz; σ = 1.535 S/m; ε_r = 51.698; $\rho = 1000 kg/m^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.17, 8.17, 8.17); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch9538/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.49 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.264 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.369 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

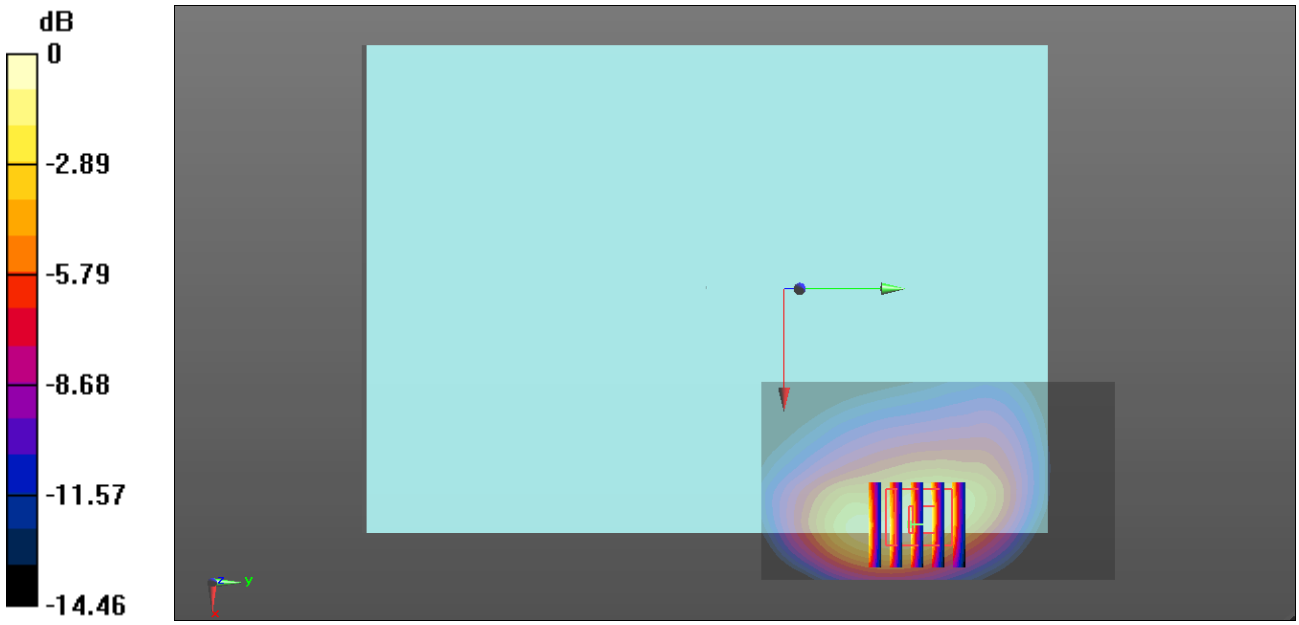
#04_LTE Band 12_10M_QPSK_1RB_0Offset_Bottom_0mm_Ch23095

Communication System: UID 0, FDD_LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used : f = 707.5 MHz; σ = 0.932 S/m; ε_r = 56.871;
ρ = 1000kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.45, 10.45, 10.45); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch23095/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.334 V/m; Power Drift = -0.02dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.520 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.1

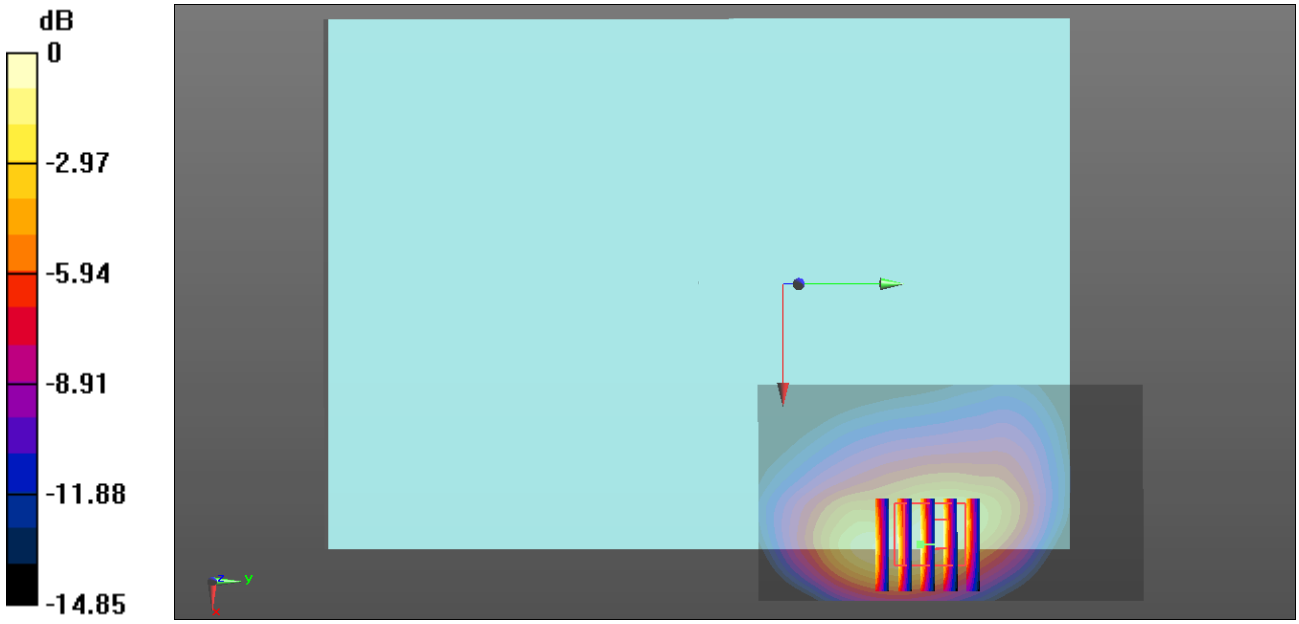
#05_LTE Band 13_10M_QPSK_1RB_0Offset_Bottom_0mm_Ch23230

Communication System: UID 0, FDD_LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 55.169;
$\rho = 1000 kg/m^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.45, 10.45, 10.45); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch23230/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.257 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.464 W/kg
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

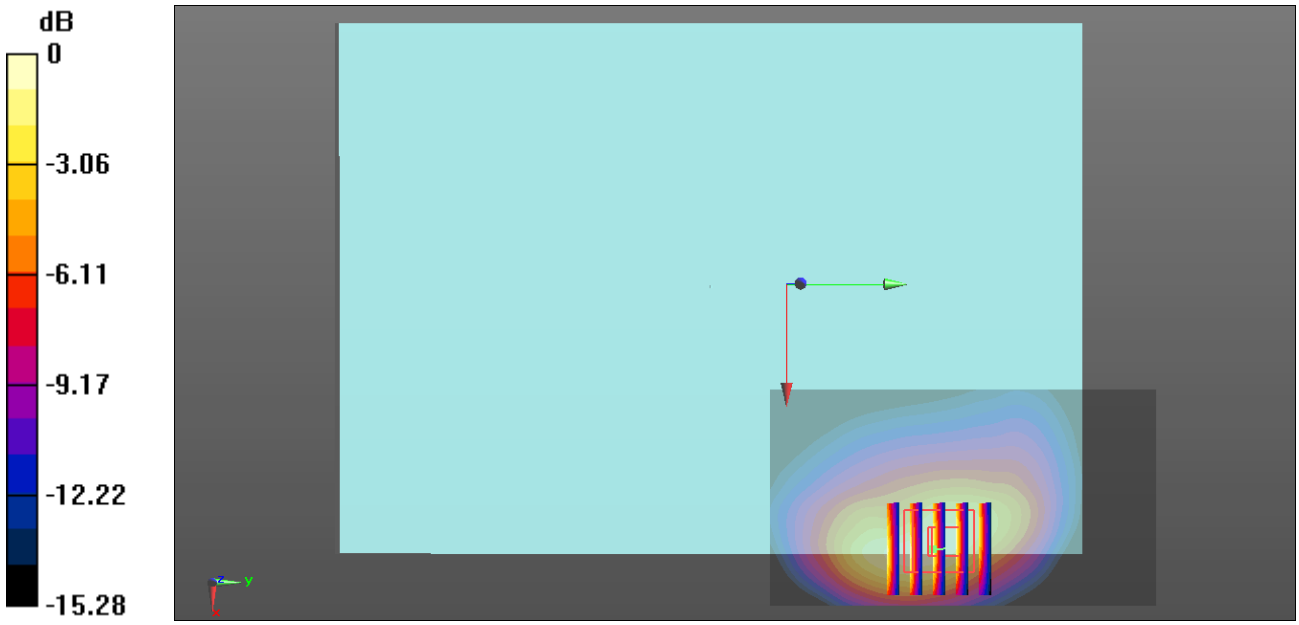
#06_LTE Band 26_15M_QPSK_1RB_0Offset_Bottom_Ch26865

Communication System: UID 0, FDD_LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 831.5 MHz; σ = 0.991 S/m; ε_r = 54.669; $\rho = 1000 kg/m^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(10.4, 10.4, 10.4); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch26865/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.028 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.452 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.2

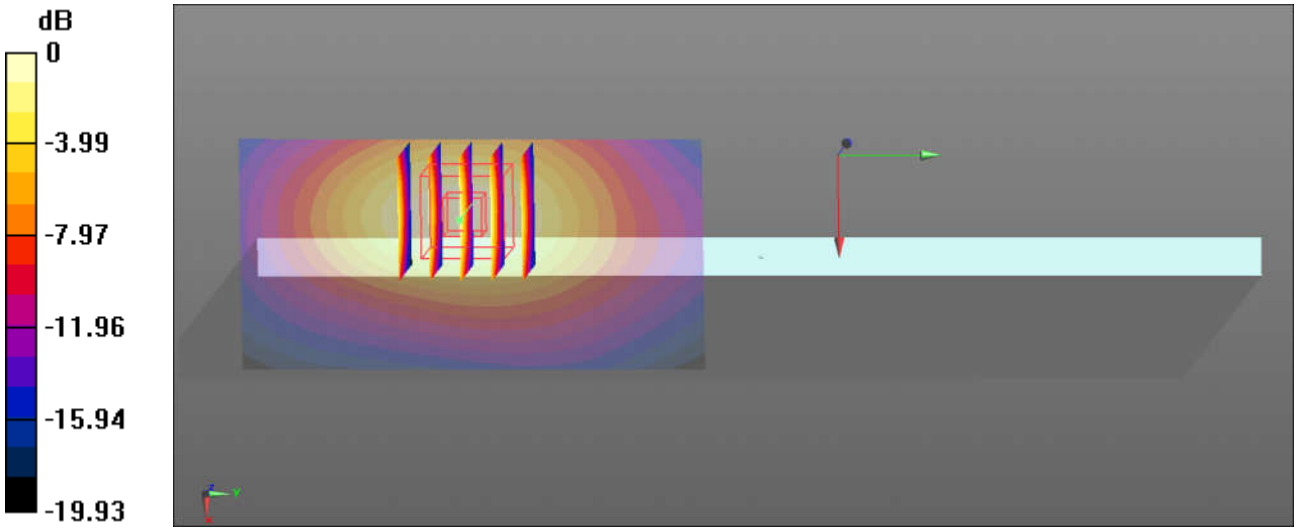
#07_LTE Band 66_20M_QPSK_1RB_0Offset_Edge1_18mm_Ch132072

Communication System: UID 0, FDD_LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: f = 1720 MHz; σ = 1.425 S/m; ε_r = 54.202;
$\rho = 1000 kg/m^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.5, 8.5, 8.5); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP-1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132072/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.858 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.555 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.2.2

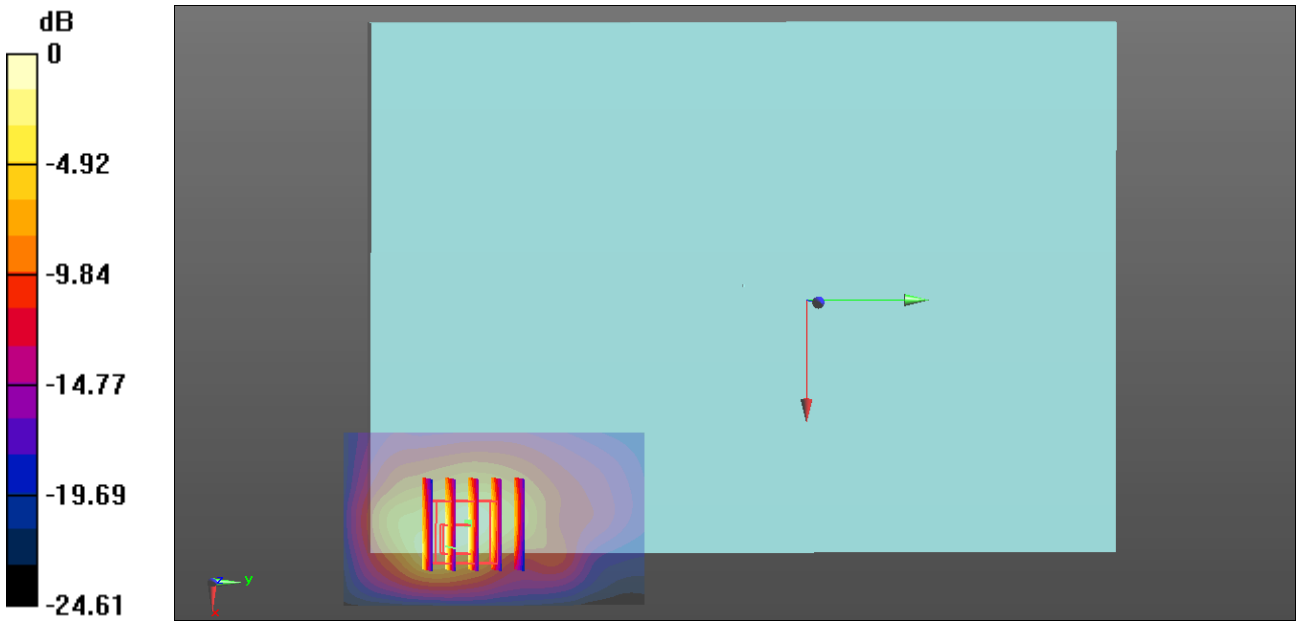
#08_LTE Band 2_20M_QPSK_1RB_0Offset_Bottom Face_0mm_Ch19100

Communication System: UID 0, FDD_LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1900 MHz; σ = 1.526 S/m; ε_r = 51.737;
ρ = 1000kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.17, 8.17, 8.17); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch19100/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.259 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.382 W/kg
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

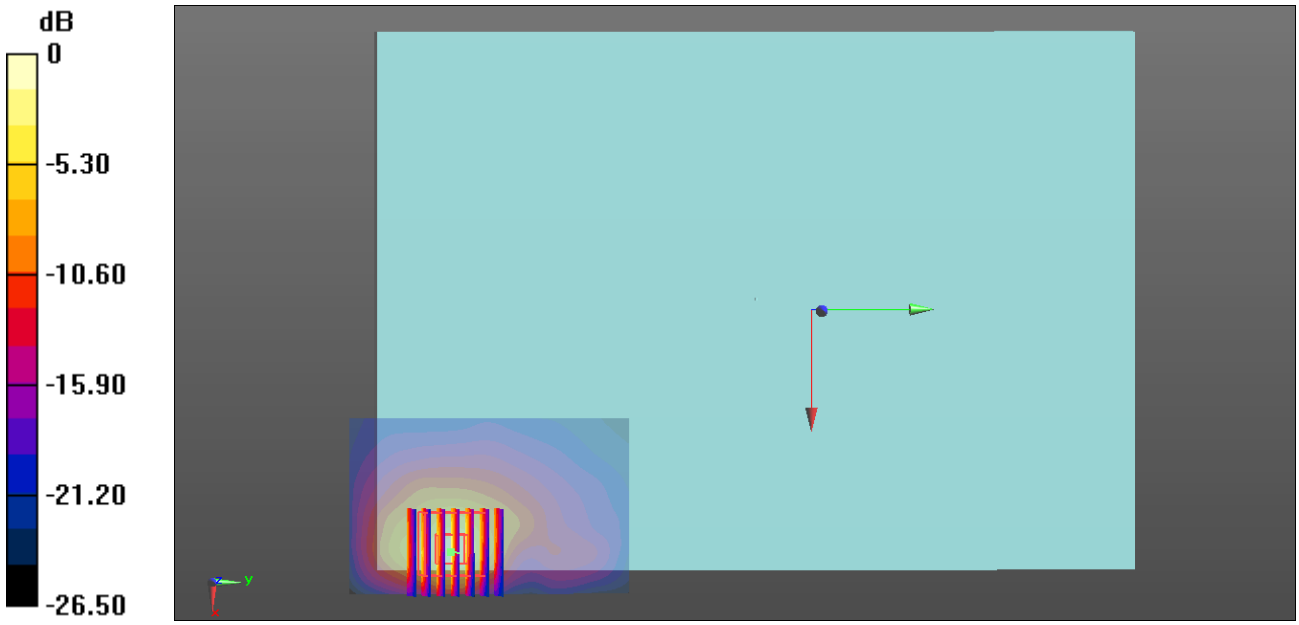
#09_LTE Band 30_10M_QPSK_1RB_0Offset_Bottom Face_0mm_Ch27710

Communication System: UID 0, FDD_LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: MSL_2300 Medium parameters used: f = 2310 MHz; σ = 1.819 S/m; ε_r = 54.129;
ρ = 1000kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(7.95, 7.95, 7.95); Calibrated: 2017.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch27710/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.03 W/kg

Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.841 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.369 W/kg
Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 2.03 W/kg = 3.07 dBW/kg

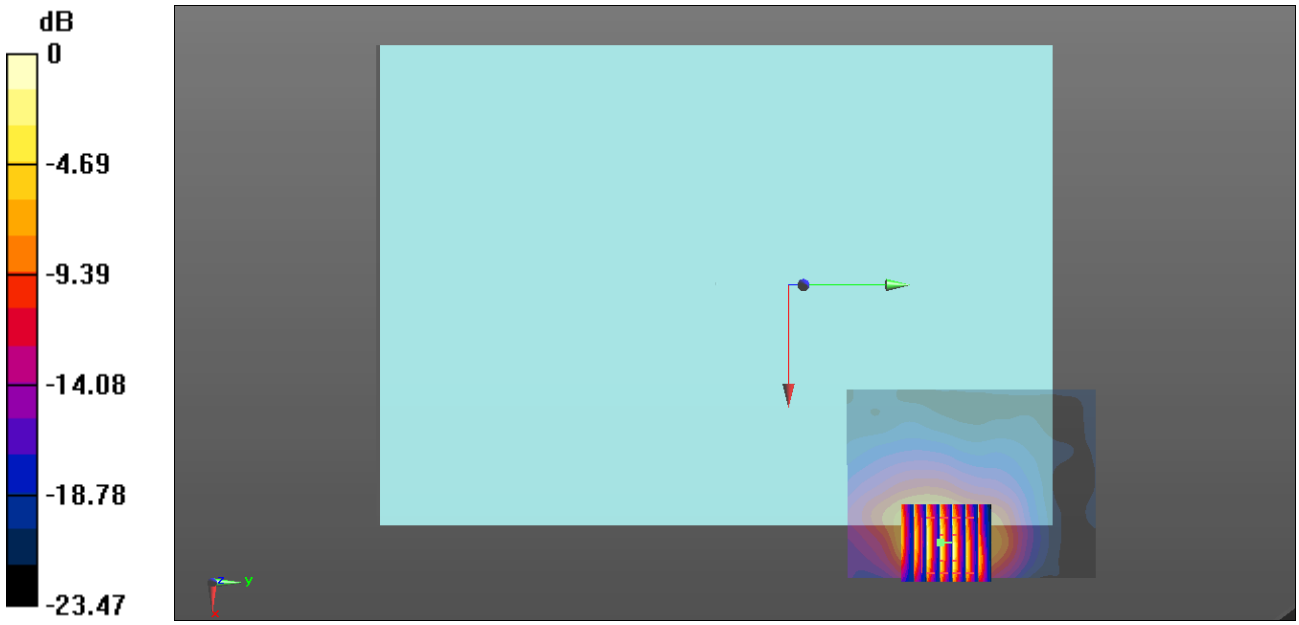
#10_LTE Band 7_20M_QPSK_1RB_0Offset_Bottom_0mm_Ch21350

Communication System: UID 0, FDD_LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: f = 2560 MHz; σ = 2.168 S/m; ε_r = 53.128; $\rho = 1000 kg/m^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3753; ConvF(7.14, 7.14, 7.14); Calibrated: 2017.5.5;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch21350/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.939 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.334 W/kg
Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

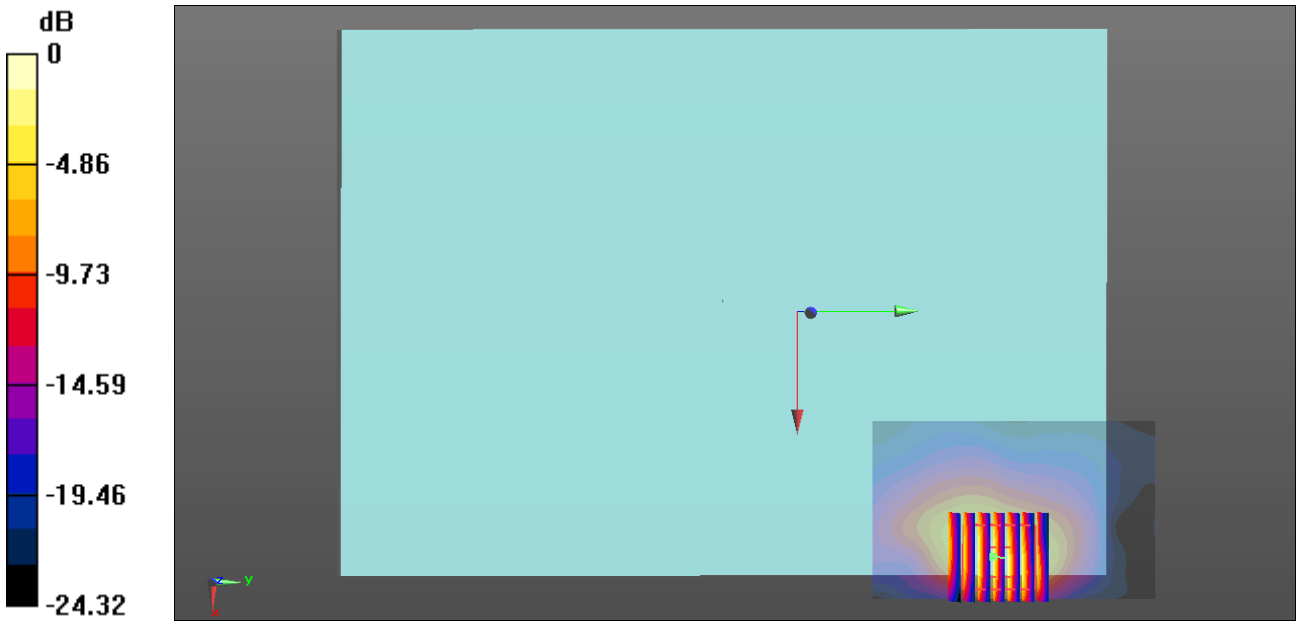
#11_LTE Band 41_20M_QPSK_1RB_0Offset_Bottom_0mm_Ch40620

Communication System: UID 0, TDD_LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: MSL_2600 Medium parameters used : f = 2593 MHz; σ = 2.214 S/m; ε_r = 52.992; $\rho = 1000 kg/m^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3753; ConvF(7.14, 7.14, 7.14); Calibrated: 2017.5.5;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2017.6.16
- Phantom: SAM2; Type: SAM; Serial: TP:1025
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch40620/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.701 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.358 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg