

APPENDIX E: MULTI-TX AND ANTENNA SAR CONSIDERATIONS

E.1 Introduction

The following procedures adopted from FCC KDB Publication 447498 D04v01 are applicable to devices with built-in unlicensed transmitters such as 802.11 and Bluetooth devices which may simultaneously transmit with the licensed transmitter.

E.2 Simultaneous Transmission Procedures

This device contains transmitters that may operate simultaneously. Therefore, simultaneous transmission analysis is required. Per FCC KDB Publication 447498 D04v01 4.3.2 and IEEE 1528-2013 Section 6.3.4.1.2, simultaneous transmission SAR test exclusion may be applied when the sum of the 1g SAR for all the simultaneous transmitting antennas in a specific physical test configuration is ≤ 1.6 W/kg. The different test positions in an exposure condition may be considered collectively to determine SAR test exclusion according to the sum of 1g or 10g SAR.

Note:

SAR Summations for some scenarios when the output power levels are reduced, SAR values at the maximum output power level were used as the most conservative evaluation for simultaneous transmission analysis.

For each position, the highest SAR value across all modes for the applicable cellular band antenna was considered for summation to determine simultaneous SAR test exclusion.

*The SAR distributions for at least one of the antennas are spatially separated from the other antennas per FCC KDB Publication 248227 Section 6.1 procedures. Therefore, simultaneous transmission was treated independently for this configuration. See section E.4 for more information about the Spatial Separation Analysis.

Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G (including scenarios with inter-band ULCA active) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR and during inter-band ULCA active conditions to not exceed FCC limit. Therefore, simultaneous transmission compliance between 4G+5G operations (including scenarios with inter-band ULCA active) is demonstrated in the Part 2 Report during algorithm validation.

All 3G/4G/5G transmitting antennas are within one Smart Transmit Gen2 antenna group, therefore no additional simultaneous analysis is required.

In some cases where simultaneous transmission scenarios overlap with the same power level (for example, cellular band + 2.4 GHz WIFI SISO and cellular band + 2.4 GHz WIFI MIMO), the most conservative SAR summation scenario was evaluated.

E.3 Body SAR Simultaneous Transmission Analysis

Table E-1

Cellular Band Ant 1a Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.174	0.688	0.021	0.883*
	Top	0.002	0.666	0.149	0.000	0.817
	Bottom	0.187	0.004	0.004	0.000	0.195
	Right	0.000	0.009	0.557	0.001	0.567
	Left	0.618	0.063	0.002	0.000	0.683

Table E-2

Cellular Band Ant 1a Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.174	0.144	0.021	0.892
	Top	0.002	0.666	0.002	0.000	0.670
	Bottom	0.187	0.004	0.086	0.000	0.277
	Right	0.000	0.009	0.008	0.001	0.018
	Left	0.618	0.063	0.058	0.000	0.739

Table E-3

Cellular Band Ant 1a Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.688	0.144	0.021	0.718*
	Top	0.002	0.149	0.002	0.000	0.153
	Bottom	0.187	0.004	0.086	0.000	0.277
	Right	0.000	0.557	0.008	0.001	0.566
	Left	0.618	0.002	0.058	0.000	0.678

Table E-4

Cellular Band Ant 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.174	0.688	0.021	0.883*
	Top	0.005	0.666	0.149	0.000	0.820
	Bottom	0.616	0.004	0.004	0.000	0.624
	Right	0.008	0.009	0.557	0.001	0.575
	Left	0.042	0.063	0.002	0.000	0.107

Table E-5

Cellular Band Ant 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.174	0.144	0.021	0.958
	Top	0.005	0.666	0.002	0.000	0.673
	Bottom	0.616	0.004	0.086	0.000	0.706
	Right	0.008	0.009	0.008	0.001	0.026
	Left	0.042	0.063	0.058	0.000	0.163

Table E-6

Cellular Band Ant 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.688	0.144	0.021	0.784*
	Top	0.005	0.149	0.002	0.000	0.156
	Bottom	0.616	0.004	0.086	0.000	0.706
	Right	0.008	0.557	0.008	0.001	0.574
	Left	0.042	0.002	0.058	0.000	0.102

Table E-7

Cellular Band Ant 2a Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.174	0.688	0.021	0.883*
	Top	0.004	0.666	0.149	0.000	0.819
	Bottom	0.203	0.004	0.004	0.000	0.211
	Right	0.513	0.009	0.557	0.001	0.567*
	Left	0.000	0.063	0.002	0.000	0.065

Table E-8

Cellular Band Ant 2a Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.174	0.144	0.021	0.952
	Top	0.004	0.666	0.002	0.000	0.672
	Bottom	0.203	0.004	0.086	0.000	0.293
	Right	0.513	0.009	0.008	0.001	0.531
	Left	0.000	0.063	0.058	0.000	0.121

Table E-9

Cellular Band Ant 2a Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.688	0.144	0.021	0.853*
	Top	0.004	0.149	0.002	0.000	0.155
	Bottom	0.203	0.004	0.086	0.000	0.293
	Right	0.513	0.557	0.008	0.001	0.566*
	Left	0.000	0.002	0.058	0.000	0.060

Table E-10

Cellular Band Ant 2b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.174	0.688	0.021	0.883*
	Top	0.008	0.666	0.149	0.000	0.823
	Bottom	0.619	0.004	0.004	0.000	0.627
	Right	0.064	0.009	0.557	0.001	0.631
	Left	0.014	0.063	0.002	0.000	0.079

Table E-11

Cellular Band Ant 2b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.174	0.144	0.021	0.958
	Top	0.008	0.666	0.002	0.000	0.676
	Bottom	0.619	0.004	0.086	0.000	0.709
	Right	0.064	0.009	0.008	0.001	0.082
	Left	0.014	0.063	0.058	0.000	0.135

Table E-12

Cellular Band Ant 2b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.688	0.144	0.021	0.853*
	Top	0.008	0.149	0.002	0.000	0.159
	Bottom	0.619	0.004	0.086	0.000	0.709
	Right	0.064	0.557	0.008	0.001	0.630
	Left	0.014	0.002	0.058	0.000	0.074

Table E-13

Cellular Band Ant 3a Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.029	0.179	0.021	0.624
	Top	0.274	0.146	0.036	0.000	0.456
	Bottom	0.018	0.004	0.004	0.000	0.026
	Right	0.619	0.009	0.126	0.001	0.755
	Left	0.013	0.063	0.002	0.000	0.078

Table E-14

Cellular Band Ant 3a Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.029	0.661	0.021	0.682*
	Top	0.274	0.146	0.002	0.000	0.422
	Bottom	0.018	0.004	0.391	0.000	0.413
	Right	0.619	0.009	0.008	0.001	0.637
	Left	0.013	0.063	0.058	0.000	0.134

Table E-15

Cellular Band Ant 3a Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.179	0.661	0.021	0.682*
	Top	0.274	0.036	0.002	0.000	0.312
	Bottom	0.018	0.004	0.391	0.000	0.413
	Right	0.619	0.126	0.008	0.001	0.754
	Left	0.013	0.002	0.058	0.000	0.073

Table E-16

Cellular Band Ant 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.029	0.179	0.021	0.842
	Top	0.619	0.146	0.036	0.000	0.801
	Bottom	0.010	0.004	0.004	0.000	0.018
	Right	0.113	0.009	0.126	0.001	0.249
	Left	0.031	0.063	0.002	0.000	0.096

Table E-17

Cellular Band Ant 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.029	0.661	0.021	0.682*
	Top	0.619	0.146	0.002	0.000	0.767
	Bottom	0.010	0.004	0.391	0.000	0.405
	Right	0.113	0.009	0.008	0.001	0.131
	Left	0.031	0.063	0.058	0.000	0.152

Table E-18

Cellular Band Ant 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.179	0.661	0.021	0.813*
	Top	0.619	0.036	0.002	0.000	0.657
	Bottom	0.010	0.004	0.391	0.000	0.405
	Right	0.113	0.126	0.008	0.001	0.248
	Left	0.031	0.002	0.058	0.000	0.091

Table E-19

Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.029	0.688	0.021	0.738*
	Top	0.563	0.146	0.149	0.000	0.858
	Bottom	0.020	0.004	0.004	0.000	0.028
	Right	0.065	0.009	0.557	0.001	0.632
	Left	0.617	0.063	0.002	0.000	0.682

Table E-20

Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.029	0.661	0.021	0.711*
	Top	0.563	0.146	0.002	0.000	0.711
	Bottom	0.020	0.004	0.391	0.000	0.415
	Right	0.065	0.009	0.008	0.001	0.083
	Left	0.617	0.063	0.058	0.000	0.738

Table E-21

Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.688	0.661	0.021	0.709*
	Top	0.563	0.149	0.002	0.000	0.714
	Bottom	0.020	0.004	0.391	0.000	0.415
	Right	0.065	0.557	0.008	0.001	0.631
	Left	0.617	0.002	0.058	0.000	0.677

Table E-22

Cellular Band Ant 1a Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.056	0.686	0.021	0.763*
	Top	0.002	0.629	0.124	0.000	0.755
	Bottom	0.187	0.000	0.006	0.000	0.193
	Right	0.000	0.005	0.471	0.001	0.477
	Left	0.618	0.001	0.002	0.000	0.621

Table E-23

Cellular Band Ant 1a Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.056	0.221	0.021	0.851
	Top	0.002	0.629	0.000	0.000	0.631
	Bottom	0.187	0.000	0.206	0.000	0.393
	Right	0.000	0.005	0.000	0.001	0.006
	Left	0.618	0.001	0.049	0.000	0.668

Table E-24

Cellular Band Ant 1a Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.686	0.221	0.021	0.795*
	Top	0.002	0.124	0.000	0.000	0.126
	Bottom	0.187	0.006	0.206	0.000	0.399
	Right	0.000	0.471	0.000	0.001	0.472
	Left	0.618	0.002	0.049	0.000	0.669

Table E-25

Cellular Band Ant 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.056	0.686	0.021	0.763*
	Top	0.005	0.629	0.124	0.000	0.758
	Bottom	0.616	0.000	0.006	0.000	0.622
	Right	0.008	0.005	0.471	0.001	0.485
	Left	0.042	0.001	0.002	0.000	0.045

Table E-26

Cellular Band Ant 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.056	0.221	0.021	0.917
	Top	0.005	0.629	0.000	0.000	0.634
	Bottom	0.616	0.000	0.206	0.000	0.822
	Right	0.008	0.005	0.000	0.001	0.014
	Left	0.042	0.001	0.049	0.000	0.092

Table E-27

Cellular Band Ant 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.686	0.221	0.021	0.861*
	Top	0.005	0.124	0.000	0.000	0.129
	Bottom	0.616	0.006	0.206	0.000	0.828
	Right	0.008	0.471	0.000	0.001	0.480
	Left	0.042	0.002	0.049	0.000	0.093

Table E-28

Cellular Band Ant 2a Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.056	0.686	0.021	0.763*
	Top	0.004	0.629	0.124	0.000	0.757
	Bottom	0.203	0.000	0.006	0.000	0.209
	Right	0.513	0.005	0.471	0.001	0.990
	Left	0.000	0.001	0.002	0.000	0.003

Table E-29

Cellular Band Ant 2a Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.056	0.221	0.021	0.911
	Top	0.004	0.629	0.000	0.000	0.633
	Bottom	0.203	0.000	0.206	0.000	0.409
	Right	0.513	0.005	0.000	0.001	0.519
	Left	0.000	0.001	0.049	0.000	0.050

Table E-30

Cellular Band Ant 2a Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.686	0.221	0.021	0.928*
	Top	0.004	0.124	0.000	0.000	0.128
	Bottom	0.203	0.006	0.206	0.000	0.415
	Right	0.513	0.471	0.000	0.001	0.985
	Left	0.000	0.002	0.049	0.000	0.051

Table E-31

Cellular Band Ant 2b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.056	0.686	0.021	0.763*
	Top	0.008	0.629	0.124	0.000	0.761
	Bottom	0.619	0.000	0.006	0.000	0.625
	Right	0.064	0.005	0.471	0.001	0.541
	Left	0.014	0.001	0.002	0.000	0.017

Table E-32

Cellular Band Ant 2b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.056	0.221	0.021	0.917
	Top	0.008	0.629	0.000	0.000	0.637
	Bottom	0.619	0.000	0.206	0.000	0.825
	Right	0.064	0.005	0.000	0.001	0.070
	Left	0.014	0.001	0.049	0.000	0.064

Table E-33

Cellular Band Ant 2b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.686	0.221	0.021	0.928*
	Top	0.008	0.124	0.000	0.000	0.132
	Bottom	0.619	0.006	0.206	0.000	0.831
	Right	0.064	0.471	0.000	0.001	0.536
	Left	0.014	0.002	0.049	0.000	0.065

Table E-34

Cellular Band Ant 3a Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.056	0.141	0.021	0.613
	Top	0.274	0.166	0.013	0.000	0.453
	Bottom	0.018	0.000	0.006	0.000	0.024
	Right	0.619	0.005	0.098	0.001	0.723
	Left	0.013	0.001	0.002	0.000	0.016

Table E-35

Cellular Band Ant 3a Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.056	0.687	0.021	0.708*
	Top	0.274	0.166	0.000	0.000	0.440
	Bottom	0.018	0.000	0.458	0.000	0.476
	Right	0.619	0.005	0.000	0.001	0.625
	Left	0.013	0.001	0.049	0.000	0.063

Table E-36

Cellular Band Ant 3a Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.141	0.687	0.021	0.708*
	Top	0.274	0.013	0.000	0.000	0.287
	Bottom	0.018	0.006	0.458	0.000	0.482
	Right	0.619	0.098	0.000	0.001	0.718
	Left	0.013	0.002	0.049	0.000	0.064

Table E-37

Cellular Band Ant 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.056	0.141	0.021	0.831
	Top	0.619	0.166	0.013	0.000	0.798
	Bottom	0.010	0.000	0.006	0.000	0.016
	Right	0.113	0.005	0.098	0.001	0.217
	Left	0.031	0.001	0.002	0.000	0.034

Table E-38

Cellular Band Ant 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.056	0.687	0.021	0.708*
	Top	0.619	0.166	0.000	0.000	0.785
	Bottom	0.010	0.000	0.458	0.000	0.468
	Right	0.113	0.005	0.000	0.001	0.119
	Left	0.031	0.001	0.049	0.000	0.081

Table E-39

Cellular Band Ant 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.141	0.687	0.021	0.775*
	Top	0.619	0.013	0.000	0.000	0.632
	Bottom	0.010	0.006	0.458	0.000	0.474
	Right	0.113	0.098	0.000	0.001	0.212
	Left	0.031	0.002	0.049	0.000	0.082

Table E-40

Cellular Band Ant 4 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.056	0.686	0.021	0.763*
	Top	0.563	0.166	0.124	0.000	0.853
	Bottom	0.020	0.000	0.006	0.000	0.026
	Right	0.065	0.005	0.471	0.001	0.542
	Left	0.617	0.001	0.002	0.000	0.620

Table E-41

Cellular Band Ant 4 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.056	0.687	0.021	0.764*
	Top	0.563	0.166	0.000	0.000	0.729
	Bottom	0.020	0.000	0.458	0.000	0.478
	Right	0.065	0.005	0.000	0.001	0.071
	Left	0.617	0.001	0.049	0.000	0.667

Table E-42

Cellular Band Ant 4 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.686	0.687	0.021	0.708*
	Top	0.563	0.124	0.000	0.000	0.687
	Bottom	0.020	0.006	0.458	0.000	0.484
	Right	0.065	0.471	0.000	0.001	0.537
	Left	0.617	0.002	0.049	0.000	0.668

Table E-43

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.432	0.116	0.021	0.690*
	Top	0.002	0.274	0.008	0.000	0.284
	Bottom	0.187	0.012	0.053	0.000	0.252
	Right	0.000	0.661	0.000	0.001	0.662
	Left	0.618	0.000	0.153	0.000	0.771

Table E-44

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.432	0.116	0.021	0.756*
	Top	0.005	0.274	0.008	0.000	0.287
	Bottom	0.616	0.012	0.053	0.000	0.681
	Right	0.008	0.661	0.000	0.001	0.670
	Left	0.042	0.000	0.153	0.000	0.195

Table E-45

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.432	0.676	0.021	0.697*
	Top	0.004	0.274	0.008	0.000	0.286
	Bottom	0.203	0.012	0.199	0.000	0.414
	Right	0.513	0.661	0.000	0.001	0.662*
	Left	0.000	0.000	0.688	0.000	0.688

Table E-46

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.432	0.676	0.021	0.697*
	Top	0.008	0.274	0.008	0.000	0.290
	Bottom	0.619	0.012	0.199	0.000	0.830
	Right	0.064	0.661	0.000	0.001	0.726
	Left	0.014	0.000	0.688	0.000	0.702

Table E-47

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.066	0.676	0.021	0.697*
	Top	0.274	0.046	0.008	0.000	0.328
	Bottom	0.018	0.012	0.199	0.000	0.229
	Right	0.619	0.119	0.000	0.001	0.739
	Left	0.013	0.000	0.688	0.000	0.701

Table E-48

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.066	0.676	0.021	0.700*
	Top	0.619	0.046	0.008	0.000	0.673
	Bottom	0.010	0.012	0.199	0.000	0.221
	Right	0.113	0.119	0.000	0.001	0.233
	Left	0.031	0.000	0.688	0.000	0.719

Table E-49

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.432	0.676	0.021	0.697*
	Top	0.563	0.274	0.008	0.000	0.845
	Bottom	0.020	0.012	0.199	0.000	0.231
	Right	0.065	0.661	0.000	0.001	0.727
	Left	0.617	0.000	0.688	0.000	0.688*

Table E-50

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.344	0.280	0.021	0.854*
	Top	0.002	0.234	0.013	0.000	0.249
	Bottom	0.187	0.014	0.084	0.000	0.285
	Right	0.000	0.675	0.000	0.001	0.676
	Left	0.618	0.000	0.209	0.000	0.827

Table E-51

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.344	0.280	0.021	0.920*
	Top	0.005	0.234	0.013	0.000	0.252
	Bottom	0.616	0.014	0.084	0.000	0.714
	Right	0.008	0.675	0.000	0.001	0.684
	Left	0.042	0.000	0.209	0.000	0.251

Table E-52

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.344	0.644	0.021	0.988*
	Top	0.004	0.234	0.013	0.000	0.251
	Bottom	0.203	0.014	0.258	0.000	0.475
	Right	0.513	0.675	0.000	0.001	0.676*
	Left	0.000	0.000	0.632	0.000	0.632

Table E-53

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.344	0.644	0.021	0.988*
	Top	0.008	0.234	0.013	0.000	0.255
	Bottom	0.619	0.014	0.258	0.000	0.891
	Right	0.064	0.675	0.000	0.001	0.740
	Left	0.014	0.000	0.632	0.000	0.646

Table E-54

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.132	0.644	0.021	0.665*
	Top	0.274	0.098	0.013	0.000	0.385
	Bottom	0.018	0.014	0.258	0.000	0.290
	Right	0.619	0.199	0.000	0.001	0.819
	Left	0.013	0.000	0.632	0.000	0.645

Table E-55

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.132	0.644	0.021	0.766*
	Top	0.619	0.098	0.013	0.000	0.730
	Bottom	0.010	0.014	0.258	0.000	0.282
	Right	0.113	0.199	0.000	0.001	0.313
	Left	0.031	0.000	0.632	0.000	0.663

Table E-56

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.344	0.644	0.021	0.988*
	Top	0.563	0.234	0.013	0.000	0.810
	Bottom	0.020	0.014	0.258	0.000	0.292
	Right	0.065	0.675	0.000	0.001	0.741
	Left	0.617	0.000	0.632	0.000	0.632*

Table E-57

Cellular Band Ant 1a Simultaneous Transmission Scenario with NB U-NII TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.043	0.239	0.021	0.856
	Top	0.002	0.245	0.051	0.000	0.298
	Bottom	0.187	0.000	0.000	0.000	0.187
	Right	0.000	0.008	0.128	0.001	0.137
	Left	0.618	0.006	0.000	0.000	0.624

Table E-58

Cellular Band Ant 1b Simultaneous Transmission Scenario with NB U-NII TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.043	0.239	0.021	0.922
	Top	0.005	0.245	0.051	0.000	0.301
	Bottom	0.616	0.000	0.000	0.000	0.616
	Right	0.008	0.008	0.128	0.001	0.145
	Left	0.042	0.006	0.000	0.000	0.048

Table E-59

Cellular Band Ant 2a Simultaneous Transmission Scenario with NB U-NII TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.043	0.239	0.021	0.916
	Top	0.004	0.245	0.051	0.000	0.300
	Bottom	0.203	0.000	0.000	0.000	0.203
	Right	0.513	0.008	0.128	0.001	0.650
	Left	0.000	0.006	0.000	0.000	0.006

Table E-60

Cellular Band Ant 2b Simultaneous Transmission Scenario with NB U-NII TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.043	0.239	0.021	0.922
	Top	0.008	0.245	0.051	0.000	0.304
	Bottom	0.619	0.000	0.000	0.000	0.619
	Right	0.064	0.008	0.128	0.001	0.201
	Left	0.014	0.006	0.000	0.000	0.020

Table E-61

Cellular Band Ant 3a Simultaneous Transmission Scenario with NB U-NII TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.043	0.239	0.021	0.698
	Top	0.274	0.245	0.051	0.000	0.570
	Bottom	0.018	0.000	0.000	0.000	0.018
	Right	0.619	0.008	0.128	0.001	0.756
	Left	0.013	0.006	0.000	0.000	0.019

Table E-62

Cellular Band Ant 3b Simultaneous Transmission Scenario with NB U-NII TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.043	0.239	0.021	0.916
	Top	0.619	0.245	0.051	0.000	0.915
	Bottom	0.010	0.000	0.000	0.000	0.010
	Right	0.113	0.008	0.128	0.001	0.250
	Left	0.031	0.006	0.000	0.000	0.037

Table E-63

Cellular Band Ant 4 Simultaneous Transmission Scenario with NB U-NII TXBF and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.043	0.239	0.021	0.922
	Top	0.563	0.245	0.051	0.000	0.859
	Bottom	0.020	0.000	0.000	0.000	0.020
	Right	0.065	0.008	0.128	0.001	0.202
	Left	0.617	0.006	0.000	0.000	0.623

Table E-64

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.553	0.132	0.280	0.174	0.688	0.021	0.994*
	Top	0.002	0.098	0.013	0.666	0.149	0.000	0.928
	Bottom	0.187	0.014	0.084	0.004	0.004	0.000	0.293
	Right	0.000	0.199	0.000	0.009	0.557	0.001	0.766
	Left	0.618	0.000	0.209	0.063	0.002	0.000	0.892

Table E-65

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.280	0.174	0.688	0.021	0.994*
	Top	0.005	0.098	0.013	0.666	0.149	0.000	0.931
	Bottom	0.616	0.014	0.084	0.004	0.004	0.000	0.722
	Right	0.008	0.199	0.000	0.009	0.557	0.001	0.774
	Left	0.042	0.000	0.209	0.063	0.002	0.000	0.316

Table E-66

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.553	0.132	0.154	0.688	0.144	0.021	0.872*
	Top	0.002	0.098	0.013	0.149	0.002	0.000	0.264
	Bottom	0.187	0.014	0.049	0.004	0.086	0.000	0.340
	Right	0.000	0.199	0.000	0.557	0.008	0.001	0.765
	Left	0.618	0.000	0.122	0.002	0.058	0.000	0.800

Table E-67

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.154	0.688	0.144	0.021	0.938*
	Top	0.005	0.098	0.013	0.149	0.002	0.000	0.267
	Bottom	0.616	0.014	0.049	0.004	0.086	0.000	0.769
	Right	0.008	0.199	0.000	0.557	0.008	0.001	0.773
	Left	0.042	0.000	0.122	0.002	0.058	0.000	0.224

Table E-68

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.553	0.132	0.154	0.144	0.174	0.021	0.872*
	Top	0.002	0.098	0.013	0.002	0.666	0.000	0.781
	Bottom	0.187	0.014	0.049	0.086	0.004	0.000	0.340
	Right	0.000	0.199	0.000	0.008	0.009	0.001	0.217
	Left	0.618	0.000	0.122	0.058	0.063	0.000	0.861

Table E-69

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.154	0.144	0.174	0.021	0.938*
	Top	0.005	0.098	0.013	0.002	0.666	0.000	0.784
	Bottom	0.616	0.014	0.049	0.086	0.004	0.000	0.769
	Right	0.008	0.199	0.000	0.008	0.009	0.001	0.225
	Left	0.042	0.000	0.122	0.058	0.063	0.000	0.285

Table E-70

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	5 GHz WIFI Ant 1c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.132	0.644	0.174	0.688	0.021	0.994*
	Top	0.004	0.098	0.013	0.666	0.149	0.000	0.930
	Bottom	0.203	0.014	0.258	0.004	0.004	0.000	0.483
	Right	0.513	0.199	0.000	0.009	0.557	0.001	0.766*
	Left	0.000	0.000	0.632	0.063	0.002	0.000	0.697

Table E-71

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.644	0.174	0.688	0.021	0.994*
	Top	0.008	0.098	0.013	0.666	0.149	0.000	0.934
	Bottom	0.619	0.014	0.258	0.004	0.004	0.000	0.899
	Right	0.064	0.199	0.000	0.009	0.557	0.001	0.830
	Left	0.014	0.000	0.632	0.063	0.002	0.000	0.711

Table E-72

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.132	0.154	0.688	0.144	0.021	0.932*
	Top	0.004	0.098	0.013	0.149	0.002	0.000	0.266
	Bottom	0.203	0.014	0.049	0.004	0.086	0.000	0.356
	Right	0.513	0.199	0.000	0.557	0.008	0.001	0.765*
	Left	0.000	0.000	0.122	0.002	0.058	0.000	0.182

Table E-73

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.154	0.688	0.144	0.021	0.938*
	Top	0.008	0.098	0.013	0.149	0.002	0.000	0.270
	Bottom	0.619	0.014	0.049	0.004	0.086	0.000	0.772
	Right	0.064	0.199	0.000	0.557	0.008	0.001	0.829
	Left	0.014	0.000	0.122	0.002	0.058	0.000	0.196

Table E-74

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.132	0.154	0.144	0.174	0.021	0.940*
	Top	0.004	0.098	0.013	0.002	0.666	0.000	0.783
	Bottom	0.203	0.014	0.049	0.086	0.004	0.000	0.356
	Right	0.513	0.199	0.000	0.008	0.009	0.001	0.730
	Left	0.000	0.000	0.122	0.058	0.063	0.000	0.243

Table E-75

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.154	0.144	0.174	0.021	0.946*
	Top	0.008	0.098	0.013	0.002	0.666	0.000	0.787
	Bottom	0.619	0.014	0.049	0.086	0.004	0.000	0.772
	Right	0.064	0.199	0.000	0.008	0.009	0.001	0.281
	Left	0.014	0.000	0.122	0.058	0.063	0.000	0.257

Table E-76

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.395	0.072	0.644	0.029	0.179	0.021	0.696*
	Top	0.274	0.047	0.013	0.146	0.036	0.000	0.516
	Bottom	0.018	0.014	0.258	0.004	0.004	0.000	0.298
	Right	0.619	0.113	0.000	0.009	0.126	0.001	0.868
	Left	0.013	0.000	0.632	0.063	0.002	0.000	0.710

Table E-77

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.072	0.644	0.029	0.179	0.021	0.914*
	Top	0.619	0.047	0.013	0.146	0.036	0.000	0.861
	Bottom	0.010	0.014	0.258	0.004	0.004	0.000	0.290
	Right	0.113	0.113	0.000	0.009	0.126	0.001	0.362
	Left	0.031	0.000	0.632	0.063	0.002	0.000	0.728

Table E-78

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.395	0.072	0.280	0.179	0.661	0.021	0.962*
	Top	0.274	0.047	0.013	0.036	0.002	0.000	0.372
	Bottom	0.018	0.014	0.084	0.004	0.391	0.000	0.511
	Right	0.619	0.113	0.000	0.126	0.008	0.001	0.867
	Left	0.013	0.000	0.209	0.002	0.058	0.000	0.282

Table E-79

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.072	0.280	0.179	0.661	0.021	0.962*
	Top	0.619	0.047	0.013	0.036	0.002	0.000	0.717
	Bottom	0.010	0.014	0.084	0.004	0.391	0.000	0.503
	Right	0.113	0.113	0.000	0.126	0.008	0.001	0.361
	Left	0.031	0.000	0.209	0.002	0.058	0.000	0.300

Table E-80

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.395	0.072	0.280	0.661	0.029	0.021	0.962*
	Top	0.274	0.047	0.013	0.002	0.146	0.000	0.482
	Bottom	0.018	0.014	0.084	0.391	0.004	0.000	0.511
	Right	0.619	0.113	0.000	0.008	0.009	0.001	0.750
	Left	0.013	0.000	0.209	0.058	0.063	0.000	0.343

Table E-81

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.072	0.280	0.661	0.029	0.021	0.962*
	Top	0.619	0.047	0.013	0.002	0.146	0.000	0.827
	Bottom	0.010	0.014	0.084	0.391	0.004	0.000	0.503
	Right	0.113	0.113	0.000	0.008	0.009	0.001	0.244
	Left	0.031	0.000	0.209	0.058	0.063	0.000	0.361

Table E-82

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.072	0.644	0.029	0.688	0.021	0.810*
	Top	0.563	0.047	0.013	0.146	0.149	0.000	0.918
	Bottom	0.020	0.014	0.258	0.004	0.004	0.000	0.300
	Right	0.065	0.113	0.000	0.009	0.557	0.001	0.745
	Left	0.617	0.000	0.632	0.063	0.002	0.000	0.697*

Table E-83

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.072	0.280	0.688	0.661	0.021	0.962*
	Top	0.563	0.047	0.013	0.149	0.002	0.000	0.774
	Bottom	0.020	0.014	0.084	0.004	0.391	0.000	0.513
	Right	0.065	0.113	0.000	0.557	0.008	0.001	0.744
	Left	0.617	0.000	0.209	0.002	0.058	0.000	0.886

Table E-84

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.072	0.280	0.661	0.029	0.021	0.962*
	Top	0.563	0.047	0.013	0.002	0.146	0.000	0.771
	Bottom	0.020	0.014	0.084	0.391	0.004	0.000	0.513
	Right	0.065	0.113	0.000	0.008	0.009	0.001	0.196
	Left	0.617	0.000	0.209	0.058	0.063	0.000	0.947

Table E-85

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.553	0.132	0.280	0.056	0.686	0.021	0.895*
	Top	0.002	0.098	0.013	0.629	0.124	0.000	0.866
	Bottom	0.187	0.014	0.084	0.000	0.006	0.000	0.291
	Right	0.000	0.199	0.000	0.005	0.471	0.001	0.676
	Left	0.618	0.000	0.209	0.001	0.002	0.000	0.830

Table E-86

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.280	0.056	0.686	0.021	0.920*
	Top	0.005	0.098	0.013	0.629	0.124	0.000	0.869
	Bottom	0.616	0.014	0.084	0.000	0.006	0.000	0.720
	Right	0.008	0.199	0.000	0.005	0.471	0.001	0.684
	Left	0.042	0.000	0.209	0.001	0.002	0.000	0.254

Table E-87

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.553	0.132	0.154	0.686	0.221	0.021	0.949*
	Top	0.002	0.098	0.013	0.124	0.000	0.000	0.237
	Bottom	0.187	0.014	0.049	0.006	0.206	0.000	0.462
	Right	0.000	0.199	0.000	0.471	0.000	0.001	0.671
	Left	0.618	0.000	0.122	0.002	0.049	0.000	0.791

Table E-88

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.154	0.686	0.221	0.021	0.994*
	Top	0.005	0.098	0.013	0.124	0.000	0.000	0.240
	Bottom	0.616	0.014	0.049	0.006	0.206	0.000	0.891
	Right	0.008	0.199	0.000	0.471	0.000	0.001	0.679
	Left	0.042	0.000	0.122	0.002	0.049	0.000	0.215

Table E-89

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.553	0.132	0.154	0.221	0.056	0.021	0.949*
	Top	0.002	0.098	0.013	0.000	0.629	0.000	0.742
	Bottom	0.187	0.014	0.049	0.206	0.000	0.000	0.456
	Right	0.000	0.199	0.000	0.000	0.005	0.001	0.205
	Left	0.618	0.000	0.122	0.049	0.001	0.000	0.790

Table E-90

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.154	0.221	0.056	0.021	0.994*
	Top	0.005	0.098	0.013	0.000	0.629	0.000	0.745
	Bottom	0.616	0.014	0.049	0.206	0.000	0.000	0.885
	Right	0.008	0.199	0.000	0.000	0.005	0.001	0.213
	Left	0.042	0.000	0.122	0.049	0.001	0.000	0.214

Table E-91

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.132	0.644	0.056	0.686	0.021	0.895*
	Top	0.004	0.098	0.013	0.629	0.124	0.000	0.868
	Bottom	0.203	0.014	0.258	0.000	0.006	0.000	0.481
	Right	0.513	0.199	0.000	0.005	0.471	0.001	0.676*
	Left	0.000	0.000	0.632	0.001	0.002	0.000	0.635

Table E-92

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.644	0.056	0.686	0.021	0.895*
	Top	0.008	0.098	0.013	0.629	0.124	0.000	0.872
	Bottom	0.619	0.014	0.258	0.000	0.006	0.000	0.897
	Right	0.064	0.199	0.000	0.005	0.471	0.001	0.740
	Left	0.014	0.000	0.632	0.001	0.002	0.000	0.649

Table E-93

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.132	0.154	0.686	0.221	0.021	0.988*
	Top	0.004	0.098	0.013	0.124	0.000	0.000	0.239
	Bottom	0.203	0.014	0.049	0.006	0.206	0.000	0.478
	Right	0.513	0.199	0.000	0.471	0.000	0.001	0.671*
	Left	0.000	0.000	0.122	0.002	0.049	0.000	0.173

Table E-94

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.154	0.686	0.221	0.021	0.994*
	Top	0.008	0.098	0.013	0.124	0.000	0.000	0.243
	Bottom	0.619	0.014	0.049	0.006	0.206	0.000	0.894
	Right	0.064	0.199	0.000	0.471	0.000	0.001	0.735
	Left	0.014	0.000	0.122	0.002	0.049	0.000	0.187

Table E-95

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.132	0.154	0.221	0.056	0.021	0.988*
	Top	0.004	0.098	0.013	0.000	0.629	0.000	0.744
	Bottom	0.203	0.014	0.049	0.206	0.000	0.000	0.472
	Right	0.513	0.199	0.000	0.000	0.005	0.001	0.718
	Left	0.000	0.000	0.122	0.049	0.001	0.000	0.172

Table E-96

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.132	0.154	0.221	0.056	0.021	0.994*
	Top	0.008	0.098	0.013	0.000	0.629	0.000	0.748
	Bottom	0.619	0.014	0.049	0.206	0.000	0.000	0.888
	Right	0.064	0.199	0.000	0.000	0.005	0.001	0.269
	Left	0.014	0.000	0.122	0.049	0.001	0.000	0.186

Table E-97

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.395	0.072	0.644	0.056	0.141	0.021	0.685*
	Top	0.274	0.047	0.013	0.166	0.013	0.000	0.513
	Bottom	0.018	0.014	0.258	0.000	0.006	0.000	0.296
	Right	0.619	0.113	0.000	0.005	0.098	0.001	0.836
	Left	0.013	0.000	0.632	0.001	0.002	0.000	0.648

Table E-98

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.072	0.644	0.056	0.141	0.021	0.903*
	Top	0.619	0.047	0.013	0.166	0.013	0.000	0.858
	Bottom	0.010	0.014	0.258	0.000	0.006	0.000	0.288
	Right	0.113	0.113	0.000	0.005	0.098	0.001	0.330
	Left	0.031	0.000	0.632	0.001	0.002	0.000	0.666

Table E-99

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.395	0.072	0.280	0.141	0.687	0.021	0.988*
	Top	0.274	0.047	0.013	0.013	0.000	0.000	0.347
	Bottom	0.018	0.014	0.084	0.006	0.458	0.000	0.580
	Right	0.619	0.113	0.000	0.098	0.000	0.001	0.831
	Left	0.013	0.000	0.209	0.002	0.049	0.000	0.273

Table E-100

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.072	0.280	0.141	0.687	0.021	0.988*
	Top	0.619	0.047	0.013	0.013	0.000	0.000	0.692
	Bottom	0.010	0.014	0.084	0.006	0.458	0.000	0.572
	Right	0.113	0.113	0.000	0.098	0.000	0.001	0.325
	Left	0.031	0.000	0.209	0.002	0.049	0.000	0.291

Table E-101

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.395	0.072	0.280	0.687	0.056	0.021	0.988*
	Top	0.274	0.047	0.013	0.000	0.166	0.000	0.500
	Bottom	0.018	0.014	0.084	0.458	0.000	0.000	0.574
	Right	0.619	0.113	0.000	0.000	0.005	0.001	0.738
	Left	0.013	0.000	0.209	0.049	0.001	0.000	0.272

Table E-102

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.072	0.280	0.687	0.056	0.021	0.988*
	Top	0.619	0.047	0.013	0.000	0.166	0.000	0.845
	Bottom	0.010	0.014	0.084	0.458	0.000	0.000	0.566
	Right	0.113	0.113	0.000	0.000	0.005	0.001	0.232
	Left	0.031	0.000	0.209	0.049	0.001	0.000	0.290

Table E-103

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.072	0.644	0.056	0.686	0.021	0.835*
	Top	0.563	0.047	0.013	0.166	0.124	0.000	0.913
	Bottom	0.020	0.014	0.258	0.000	0.006	0.000	0.298
	Right	0.065	0.113	0.000	0.005	0.471	0.001	0.655
	Left	0.617	0.000	0.632	0.001	0.002	0.000	0.635*

Table E-104

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.072	0.280	0.686	0.687	0.021	0.988*
	Top	0.563	0.047	0.013	0.124	0.000	0.000	0.747
	Bottom	0.020	0.014	0.084	0.006	0.458	0.000	0.582
	Right	0.065	0.113	0.000	0.471	0.000	0.001	0.650
	Left	0.617	0.000	0.209	0.002	0.049	0.000	0.877

Table E-105

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a with 7 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.072	0.280	0.687	0.056	0.021	0.988*
	Top	0.563	0.047	0.013	0.000	0.166	0.000	0.789
	Bottom	0.020	0.014	0.084	0.458	0.000	0.000	0.576
	Right	0.065	0.113	0.000	0.000	0.005	0.001	0.184
	Left	0.617	0.000	0.209	0.049	0.001	0.000	0.876

Table E-106

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.344	0.154	0.144	0.021	0.872*
	Top	0.002	0.234	0.013	0.002	0.000	0.251
	Bottom	0.187	0.014	0.049	0.086	0.000	0.336
	Right	0.000	0.675	0.000	0.008	0.001	0.684
	Left	0.618	0.000	0.122	0.058	0.000	0.798

Table E-107

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.344	0.154	0.144	0.021	0.938*
	Top	0.005	0.234	0.013	0.002	0.000	0.254
	Bottom	0.616	0.014	0.049	0.086	0.000	0.765
	Right	0.008	0.675	0.000	0.008	0.001	0.692
	Left	0.042	0.000	0.122	0.058	0.000	0.222

Table E-108

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.344	0.154	0.144	0.021	0.978*
	Top	0.004	0.234	0.013	0.002	0.000	0.253
	Bottom	0.203	0.014	0.049	0.086	0.000	0.352
	Right	0.513	0.675	0.000	0.008	0.001	0.684*
	Left	0.000	0.000	0.122	0.058	0.000	0.180

Table E-109

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.344	0.154	0.144	0.021	0.984*
	Top	0.008	0.234	0.013	0.002	0.000	0.257
	Bottom	0.619	0.014	0.049	0.086	0.000	0.768
	Right	0.064	0.675	0.000	0.008	0.001	0.748
	Left	0.014	0.000	0.122	0.058	0.000	0.194

Table E-110

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.132	0.280	0.661	0.021	0.962*
	Top	0.274	0.098	0.013	0.002	0.000	0.387
	Bottom	0.018	0.014	0.084	0.391	0.000	0.507
	Right	0.619	0.199	0.000	0.008	0.001	0.827
	Left	0.013	0.000	0.209	0.058	0.000	0.280

Table E-111

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.132	0.280	0.661	0.021	0.962*
	Top	0.619	0.098	0.013	0.002	0.000	0.732
	Bottom	0.010	0.014	0.084	0.391	0.000	0.499
	Right	0.113	0.199	0.000	0.008	0.001	0.321
	Left	0.031	0.000	0.209	0.058	0.000	0.298

Table E-112

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.344	0.280	0.661	0.021	0.984*
	Top	0.563	0.234	0.013	0.002	0.000	0.812
	Bottom	0.020	0.014	0.084	0.391	0.000	0.509
	Right	0.065	0.675	0.000	0.008	0.001	0.749
	Left	0.617	0.000	0.209	0.058	0.000	0.884

Table E-113

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.344	0.154	0.221	0.021	0.949*
	Top	0.002	0.234	0.013	0.000	0.000	0.249
	Bottom	0.187	0.014	0.049	0.206	0.000	0.456
	Right	0.000	0.675	0.000	0.000	0.001	0.676
	Left	0.618	0.000	0.122	0.049	0.000	0.789

Table E-114

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.344	0.154	0.221	0.021	0.994*
	Top	0.005	0.234	0.013	0.000	0.000	0.252
	Bottom	0.616	0.014	0.049	0.206	0.000	0.885
	Right	0.008	0.675	0.000	0.000	0.001	0.684
	Left	0.042	0.000	0.122	0.049	0.000	0.213

Table E-115

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.344	0.154	0.221	0.021	0.988*
	Top	0.004	0.234	0.013	0.000	0.000	0.251
	Bottom	0.203	0.014	0.049	0.206	0.000	0.472
	Right	0.513	0.675	0.000	0.000	0.001	0.676*
	Left	0.000	0.000	0.122	0.049	0.000	0.171

Table E-116

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.344	0.154	0.221	0.021	0.994*
	Top	0.008	0.234	0.013	0.000	0.000	0.255
	Bottom	0.619	0.014	0.049	0.206	0.000	0.888
	Right	0.064	0.675	0.000	0.000	0.001	0.740
	Left	0.014	0.000	0.122	0.049	0.000	0.185

Table E-117

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.132	0.280	0.687	0.021	0.988*
	Top	0.274	0.098	0.013	0.000	0.000	0.385
	Bottom	0.018	0.014	0.084	0.458	0.000	0.574
	Right	0.619	0.199	0.000	0.000	0.001	0.819
	Left	0.013	0.000	0.209	0.049	0.000	0.271

Table E-118

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.132	0.280	0.687	0.021	0.988*
	Top	0.619	0.098	0.013	0.000	0.000	0.730
	Bottom	0.010	0.014	0.084	0.458	0.000	0.566
	Right	0.113	0.199	0.000	0.000	0.001	0.313
	Left	0.031	0.000	0.209	0.049	0.000	0.289

Table E-119

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.344	0.280	0.687	0.021	0.988*
	Top	0.563	0.234	0.013	0.000	0.000	0.810
	Bottom	0.020	0.014	0.084	0.458	0.000	0.576
	Right	0.065	0.675	0.000	0.000	0.001	0.741
	Left	0.617	0.000	0.209	0.049	0.000	0.875

Table E-120

Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.132	0.280	0.688	0.661	0.021	0.962*
	Top	0.098	0.013	0.149	0.002	0.000	0.262
	Bottom	0.014	0.084	0.004	0.391	0.000	0.493
	Right	0.199	0.000	0.557	0.008	0.001	0.765
	Left	0.000	0.209	0.002	0.058	0.000	0.269

Table E-121

Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.132	0.280	0.661	0.174	0.021	0.962*
	Top	0.098	0.013	0.002	0.666	0.000	0.779
	Bottom	0.014	0.084	0.391	0.004	0.000	0.493
	Right	0.199	0.000	0.008	0.009	0.001	0.217
	Left	0.000	0.209	0.058	0.063	0.000	0.330

Table E-122

Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.132	0.280	0.686	0.687	0.021	0.988*
	Top	0.098	0.013	0.124	0.000	0.000	0.235
	Bottom	0.014	0.084	0.006	0.458	0.000	0.562
	Right	0.199	0.000	0.471	0.000	0.001	0.671
	Left	0.000	0.209	0.002	0.049	0.000	0.260

Table E-123

Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TXBF, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	2.4 GHz Bluetooth Ant 3a with 4.5 dB backoff ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.132	0.280	0.687	0.056	0.021	0.988*
	Top	0.098	0.013	0.000	0.629	0.000	0.740
	Bottom	0.014	0.084	0.458	0.000	0.000	0.556
	Right	0.199	0.000	0.000	0.005	0.001	0.205
	Left	0.000	0.209	0.049	0.001	0.000	0.259

Table E-124

Cellular Band Ant 1a Simultaneous Transmission Scenario with NB U-NII TXBF, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.553	0.043	0.239	0.432	0.116	0.021	0.735*
	Top	0.002	0.245	0.051	0.274	0.008	0.000	0.580
	Bottom	0.187	0.000	0.000	0.012	0.053	0.000	0.252
	Right	0.000	0.008	0.128	0.661	0.000	0.001	0.798
	Left	0.618	0.006	0.000	0.000	0.153	0.000	0.777

Table E-125

Cellular Band Ant 1b Simultaneous Transmission Scenario with NB U-NII TXBF, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.043	0.239	0.432	0.116	0.021	0.756*
	Top	0.005	0.245	0.051	0.274	0.008	0.000	0.583
	Bottom	0.616	0.000	0.000	0.012	0.053	0.000	0.681
	Right	0.008	0.008	0.128	0.661	0.000	0.001	0.806
	Left	0.042	0.006	0.000	0.000	0.153	0.000	0.201

Table E-126

Cellular Band Ant 2a Simultaneous Transmission Scenario with NB U-NII TXBF, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.043	0.239	0.432	0.676	0.021	0.735*
	Top	0.004	0.245	0.051	0.274	0.008	0.000	0.582
	Bottom	0.203	0.000	0.000	0.012	0.199	0.000	0.414
	Right	0.513	0.008	0.128	0.661	0.000	0.001	0.798*
	Left	0.000	0.006	0.000	0.000	0.688	0.000	0.694

Table E-127

Cellular Band Ant 2b Simultaneous Transmission Scenario with NB U-NII TXBF, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.043	0.239	0.432	0.676	0.021	0.735*
	Top	0.008	0.245	0.051	0.274	0.008	0.000	0.586
	Bottom	0.619	0.000	0.000	0.012	0.199	0.000	0.830
	Right	0.064	0.008	0.128	0.661	0.000	0.001	0.862
	Left	0.014	0.006	0.000	0.000	0.688	0.000	0.708

Table E-128

Cellular Band Ant 3a Simultaneous Transmission Scenario with NB U-NII TXBF, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	NB U-NII Ant 3c with 7 dB backoff ER	NB U-NII Ant 3a with 7 dB backoff ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.395	0.031	0.112	0.066	0.676	0.021	0.697*
	Top	0.274	0.133	0.051	0.046	0.008	0.000	0.512
	Bottom	0.018	0.000	0.000	0.012	0.199	0.000	0.229
	Right	0.619	0.008	0.073	0.119	0.000	0.001	0.820
	Left	0.013	0.006	0.000	0.000	0.688	0.000	0.707

Table E-129

Cellular Band Ant 3b Simultaneous Transmission Scenario with NB U-NII TXBF, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	NB U-NII Ant 3c with 7 dB backoff ER	NB U-NII Ant 3a with 7 dB backoff ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.613	0.031	0.112	0.066	0.676	0.021	0.843*
	Top	0.619	0.133	0.051	0.046	0.008	0.000	0.857
	Bottom	0.010	0.000	0.000	0.012	0.199	0.000	0.221
	Right	0.113	0.008	0.073	0.119	0.000	0.001	0.314
	Left	0.031	0.006	0.000	0.000	0.688	0.000	0.725

Table E-130

Cellular Band Ant 4 Simultaneous Transmission Scenario with NB U-NII TXBF, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	NB U-NII Ant 3c with 7 dB backoff ER	NB U-NII Ant 3a with 7 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.619	0.031	0.112	0.432	0.676	0.021	0.697*
	Top	0.563	0.133	0.051	0.274	0.008	0.000	0.704*
	Bottom	0.020	0.000	0.000	0.012	0.199	0.000	0.231
	Right	0.065	0.008	0.073	0.661	0.000	0.001	0.808
	Left	0.617	0.006	0.000	0.000	0.688	0.000	0.694*

Table E-131

Cellular Band Ant 1a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	NB U-NII Ant 3c ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.076	0.116	0.021	0.766
	Top	0.002	0.412	0.008	0.000	0.422
	Bottom	0.187	0.000	0.053	0.000	0.240
	Right	0.000	0.008	0.000	0.001	0.009
	Left	0.618	0.006	0.153	0.000	0.777

Table E-132

Cellular Band Ant 1b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	NB U-NII Ant 3c ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.076	0.116	0.021	0.832
	Top	0.005	0.412	0.008	0.000	0.425
	Bottom	0.616	0.000	0.053	0.000	0.669
	Right	0.008	0.008	0.000	0.001	0.017
	Left	0.042	0.006	0.153	0.000	0.201

Table E-133

Cellular Band Ant 1a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	NB U-NII Ant 3a ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.659	0.116	0.021	0.690*
	Top	0.002	0.143	0.008	0.000	0.153
	Bottom	0.187	0.000	0.053	0.000	0.240
	Right	0.000	0.229	0.000	0.001	0.230
	Left	0.618	0.000	0.153	0.000	0.771

Table E-134

Cellular Band Ant 1b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	NB U-NII Ant 3a ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.659	0.116	0.021	0.756*
	Top	0.005	0.143	0.008	0.000	0.156
	Bottom	0.616	0.000	0.053	0.000	0.669
	Right	0.008	0.229	0.000	0.001	0.238
	Left	0.042	0.000	0.153	0.000	0.195

Table E-135

Cellular Band Ant 1a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	NB U-NII Ant 1b with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.186	0.432	0.021	0.760*
	Top	0.002	0.001	0.274	0.000	0.277
	Bottom	0.187	0.125	0.012	0.000	0.324
	Right	0.000	0.003	0.661	0.001	0.665
	Left	0.618	0.033	0.000	0.000	0.651

Table E-136

Cellular Band Ant 1b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	NB U-NII Ant 1b with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.186	0.432	0.021	0.826*
	Top	0.005	0.001	0.274	0.000	0.280
	Bottom	0.616	0.125	0.012	0.000	0.753
	Right	0.008	0.003	0.661	0.001	0.673
	Left	0.042	0.033	0.000	0.000	0.075

Table E-137

Cellular Band Ant 2a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	NB U-NII Ant 3c ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.076	0.676	0.021	0.773*
	Top	0.004	0.412	0.008	0.000	0.424
	Bottom	0.203	0.000	0.199	0.000	0.402
	Right	0.513	0.008	0.000	0.001	0.522
	Left	0.000	0.006	0.688	0.000	0.694

Table E-138

Cellular Band Ant 2b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	NB U-NII Ant 3c ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.076	0.676	0.021	0.773*
	Top	0.008	0.412	0.008	0.000	0.428
	Bottom	0.619	0.000	0.199	0.000	0.818
	Right	0.064	0.008	0.000	0.001	0.073
	Left	0.014	0.006	0.688	0.000	0.708

Table E-139

Cellular Band Ant 2a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	NB U-NII Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.659	0.676	0.021	0.697*
	Top	0.004	0.143	0.008	0.000	0.155
	Bottom	0.203	0.000	0.199	0.000	0.402
	Right	0.513	0.229	0.000	0.001	0.743
	Left	0.000	0.000	0.688	0.000	0.688

Table E-140

Cellular Band Ant 2b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	NB U-NII Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.659	0.676	0.021	0.697*
	Top	0.008	0.143	0.008	0.000	0.159
	Bottom	0.619	0.000	0.199	0.000	0.818
	Right	0.064	0.229	0.000	0.001	0.294
	Left	0.014	0.000	0.688	0.000	0.702

Table E-141

Cellular Band Ant 2a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	NB U-NII Ant 1b with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.186	0.432	0.021	0.820*
	Top	0.004	0.001	0.274	0.000	0.279
	Bottom	0.203	0.125	0.012	0.000	0.340
	Right	0.513	0.003	0.661	0.001	0.665*
	Left	0.000	0.033	0.000	0.000	0.033

Table E-142

Cellular Band Ant 2b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	NB U-NII Ant 1b with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.186	0.432	0.021	0.826*
	Top	0.008	0.001	0.274	0.000	0.283
	Bottom	0.619	0.125	0.012	0.000	0.756
	Right	0.064	0.003	0.661	0.001	0.729
	Left	0.014	0.033	0.000	0.000	0.047

Table E-143

Cellular Band Ant 3a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	NB U-NII Ant 1b ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.656	0.066	0.021	0.677*
	Top	0.274	0.001	0.046	0.000	0.321
	Bottom	0.018	0.423	0.012	0.000	0.453
	Right	0.619	0.003	0.119	0.001	0.742
	Left	0.013	0.033	0.000	0.000	0.046

Table E-144

Cellular Band Ant 3b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	NB U-NII Ant 1b ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.656	0.066	0.021	0.700*
	Top	0.619	0.001	0.046	0.000	0.666
	Bottom	0.010	0.423	0.012	0.000	0.445
	Right	0.113	0.003	0.119	0.001	0.236
	Left	0.031	0.033	0.000	0.000	0.064

Table E-145

Cellular Band Ant 4 Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	NB U-NII Ant 3c ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.076	0.676	0.021	0.773*
	Top	0.563	0.412	0.008	0.000	0.983
	Bottom	0.020	0.000	0.199	0.000	0.219
	Right	0.065	0.008	0.000	0.001	0.074
	Left	0.617	0.006	0.688	0.000	0.694*

Table E-146

Cellular Band Ant 4 Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	NB U-NII Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.659	0.676	0.021	0.697*
	Top	0.563	0.143	0.008	0.000	0.714
	Bottom	0.020	0.000	0.199	0.000	0.219
	Right	0.065	0.229	0.000	0.001	0.295
	Left	0.617	0.000	0.688	0.000	0.688*

Table E-147

Cellular Band Ant 4 Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	NB U-NII Ant 1b ER	2.4 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.656	0.432	0.021	0.677*
	Top	0.563	0.001	0.274	0.000	0.838
	Bottom	0.020	0.423	0.012	0.000	0.455
	Right	0.065	0.003	0.661	0.001	0.730
	Left	0.617	0.033	0.000	0.000	0.650

Table E-148

Cellular Band Ant 1a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	NB U-NII Ant 1b with 7 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.103	0.432	0.116	0.021	0.793*
	Top	0.002	0.001	0.274	0.008	0.000	0.285
	Bottom	0.187	0.064	0.012	0.053	0.000	0.316
	Right	0.000	0.003	0.661	0.000	0.001	0.665
	Left	0.618	0.033	0.000	0.153	0.000	0.804

Table E-149

Cellular Band Ant 1b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	NB U-NII Ant 1b with 7 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.103	0.432	0.116	0.021	0.859*
	Top	0.005	0.001	0.274	0.008	0.000	0.288
	Bottom	0.616	0.064	0.012	0.053	0.000	0.745
	Right	0.008	0.003	0.661	0.000	0.001	0.673
	Left	0.042	0.033	0.000	0.153	0.000	0.228

Table E-150

Cellular Band Ant 2a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	NB U-NII Ant 1b with 7 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.103	0.432	0.676	0.021	0.800*
	Top	0.004	0.001	0.274	0.008	0.000	0.287
	Bottom	0.203	0.064	0.012	0.199	0.000	0.478
	Right	0.513	0.003	0.661	0.000	0.001	0.665*
	Left	0.000	0.033	0.000	0.688	0.000	0.721

Table E-151

Cellular Band Ant 2b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	NB U-NII Ant 1b with 7 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.103	0.432	0.676	0.021	0.800*
	Top	0.008	0.001	0.274	0.008	0.000	0.291
	Bottom	0.619	0.064	0.012	0.199	0.000	0.894
	Right	0.064	0.003	0.661	0.000	0.001	0.729
	Left	0.014	0.033	0.000	0.688	0.000	0.735

Table E-152

Cellular Band Ant 3a Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	NB U-NII Ant 1b with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.186	0.066	0.676	0.021	0.883*
	Top	0.274	0.001	0.046	0.008	0.000	0.329
	Bottom	0.018	0.125	0.012	0.199	0.000	0.354
	Right	0.619	0.003	0.119	0.000	0.001	0.742
	Left	0.013	0.033	0.000	0.688	0.000	0.734

Table E-153

Cellular Band Ant 3b Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	NB U-NII Ant 1b with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.186	0.066	0.676	0.021	0.883*
	Top	0.619	0.001	0.046	0.008	0.000	0.674
	Bottom	0.010	0.125	0.012	0.199	0.000	0.346
	Right	0.113	0.003	0.119	0.000	0.001	0.236
	Left	0.031	0.033	0.000	0.688	0.000	0.752

Table E-154

Cellular Band Ant 4 Simultaneous Transmission Scenario with NB U-NII, 2.4 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	NB U-NII Ant 1b with 4.5 dB backoff ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.186	0.432	0.676	0.021	0.883*
	Top	0.563	0.001	0.274	0.008	0.000	0.846
	Bottom	0.020	0.125	0.012	0.199	0.000	0.356
	Right	0.065	0.003	0.661	0.000	0.001	0.730
	Left	0.617	0.033	0.000	0.688	0.000	0.721*

Table E-155

Cellular Band Ant 3a Simultaneous Transmission Scenario with NB U-NII TXBF, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.043	0.239	0.676	0.021	0.698*
	Top	0.274	0.245	0.051	0.008	0.000	0.578
	Bottom	0.018	0.000	0.000	0.199	0.000	0.217
	Right	0.619	0.008	0.128	0.000	0.001	0.756
	Left	0.013	0.006	0.000	0.688	0.000	0.707

Table E-156

Cellular Band Ant 3b Simultaneous Transmission Scenario with NB U-NII TXBF, 2.4 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	NB U-NII Ant 3c with 4.5 dB backoff ER	NB U-NII Ant 3a with 4.5 dB backoff ER	2.4 GHz WIFI Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.043	0.239	0.676	0.021	0.916*
	Top	0.619	0.245	0.051	0.008	0.000	0.923
	Bottom	0.010	0.000	0.000	0.199	0.000	0.209
	Right	0.113	0.008	0.128	0.000	0.001	0.250
	Left	0.031	0.006	0.000	0.688	0.000	0.725

Table E-157

Simultaneous Transmission Scenario with NB U-NII TXBF and wPT

Simult Tx	Configuration	NB U-NII Ant 3a ER	NB U-NII Ant 3c ER	wPT ER	Σ ER
		1	2	3	1+2+3
Body SAR	Back	0.659	0.076	0.021	0.756
	Top	0.143	0.412	0.000	0.555
	Bottom	0.000	0.000	0.000	0.000
	Right	0.229	0.008	0.001	0.238
	Left	0.000	0.006	0.000	0.006

Table E-158

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.432	0.280	0.021	0.854*
	Top	0.002	0.274	0.013	0.000	0.289
	Bottom	0.187	0.012	0.084	0.000	0.283
	Right	0.000	0.661	0.000	0.001	0.662
	Left	0.618	0.000	0.209	0.000	0.827

Table E-159

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz Bluetooth Ant 1a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.432	0.280	0.021	0.920*
	Top	0.005	0.274	0.013	0.000	0.292
	Bottom	0.616	0.012	0.084	0.000	0.712
	Right	0.008	0.661	0.000	0.001	0.670
	Left	0.042	0.000	0.209	0.000	0.251

Table E-160

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.432	0.644	0.021	0.665*
	Top	0.004	0.274	0.013	0.000	0.291
	Bottom	0.203	0.012	0.258	0.000	0.473
	Right	0.513	0.661	0.000	0.001	0.662*
	Left	0.000	0.000	0.632	0.000	0.632

Table E-161

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.432	0.644	0.021	0.665*
	Top	0.008	0.274	0.013	0.000	0.295
	Bottom	0.619	0.012	0.258	0.000	0.889
	Right	0.064	0.661	0.000	0.001	0.726
	Left	0.014	0.000	0.632	0.000	0.646

Table E-162

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.066	0.644	0.021	0.665*
	Top	0.274	0.046	0.013	0.000	0.333
	Bottom	0.018	0.012	0.258	0.000	0.288
	Right	0.619	0.119	0.000	0.001	0.739
	Left	0.013	0.000	0.632	0.000	0.645

Table E-163

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.066	0.644	0.021	0.700*
	Top	0.619	0.046	0.013	0.000	0.678
	Bottom	0.010	0.012	0.258	0.000	0.280
	Right	0.113	0.119	0.000	0.001	0.233
	Left	0.031	0.000	0.632	0.000	0.663

Table E-164

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz Bluetooth Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.432	0.644	0.021	0.665*
	Top	0.563	0.274	0.013	0.000	0.850
	Bottom	0.020	0.012	0.258	0.000	0.290
	Right	0.065	0.661	0.000	0.001	0.727
	Left	0.617	0.000	0.632	0.000	0.632*

Table E-165

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	2.4 GHz WIFI Ant 3a ER	802.15.4 Ant 1a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.432	0.134	0.021	0.708*
	Top	0.002	0.274	0.004	0.000	0.280
	Bottom	0.187	0.012	0.073	0.000	0.272
	Right	0.000	0.661	0.000	0.001	0.662
	Left	0.618	0.000	0.216	0.000	0.834

Table E-166

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a ER	802.15.4 Ant 1a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.432	0.134	0.021	0.774*
	Top	0.005	0.274	0.004	0.000	0.283
	Bottom	0.616	0.012	0.073	0.000	0.701
	Right	0.008	0.661	0.000	0.001	0.670
	Left	0.042	0.000	0.216	0.000	0.258

Table E-167

Cellular Band Ant 2a Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	2.4 GHz WIFI Ant 3a ER	802.15.4 Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.432	0.551	0.021	0.983*
	Top	0.004	0.274	0.004	0.000	0.282
	Bottom	0.203	0.012	0.146	0.000	0.361
	Right	0.513	0.661	0.000	0.001	0.662*
	Left	0.000	0.000	0.630	0.000	0.630

Table E-168

Cellular Band Ant 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	2.4 GHz WIFI Ant 3a ER	802.15.4 Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.432	0.551	0.021	0.983*
	Top	0.008	0.274	0.004	0.000	0.286
	Bottom	0.619	0.012	0.146	0.000	0.777
	Right	0.064	0.661	0.000	0.001	0.726
	Left	0.014	0.000	0.630	0.000	0.644

Table E-169

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	802.15.4 Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.066	0.551	0.021	0.572*
	Top	0.274	0.046	0.004	0.000	0.324
	Bottom	0.018	0.012	0.146	0.000	0.176
	Right	0.619	0.119	0.000	0.001	0.739
	Left	0.013	0.000	0.630	0.000	0.643

Table E-170

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a with 6 dB backoff ER	802.15.4 Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.066	0.551	0.021	0.700*
	Top	0.619	0.046	0.004	0.000	0.669
	Bottom	0.010	0.012	0.146	0.000	0.168
	Right	0.113	0.119	0.000	0.001	0.233
	Left	0.031	0.000	0.630	0.000	0.661

Table E-171

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a ER	802.15.4 Ant 1a ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.432	0.551	0.021	0.983*
	Top	0.563	0.274	0.004	0.000	0.841
	Bottom	0.020	0.012	0.146	0.000	0.178
	Right	0.065	0.661	0.000	0.001	0.727
	Left	0.617	0.000	0.630	0.000	0.630*

Table E-172

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 3a ER	wPT ER	Σ ER
		1	2	3	1+2+3
Body SAR	Back	0.553	0.224	0.021	0.798
	Top	0.002	0.165	0.000	0.167
	Bottom	0.187	0.013	0.000	0.200
	Right	0.000	0.681	0.001	0.682
	Left	0.618	0.000	0.000	0.618

Table E-173

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 3a ER	wPT ER	Σ ER
		1	2	3	1+2+3
Body SAR	Back	0.619	0.224	0.021	0.864
	Top	0.005	0.165	0.000	0.170
	Bottom	0.616	0.013	0.000	0.629
	Right	0.008	0.681	0.001	0.690
	Left	0.042	0.000	0.000	0.042

Table E-174

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 3a ER	wPT ER	Σ ER
		1	2	3	1+2+3
Body SAR	Back	0.613	0.224	0.021	0.858
	Top	0.004	0.165	0.000	0.169
	Bottom	0.203	0.013	0.000	0.216
	Right	0.513	0.681	0.001	0.682*
	Left	0.000	0.000	0.000	0.000

Table E-175

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 3a ER	wPT ER	Σ ER
		1	2	3	1+2+3
Body SAR	Back	0.619	0.224	0.021	0.864
	Top	0.008	0.165	0.000	0.173
	Bottom	0.619	0.013	0.000	0.632
	Right	0.064	0.681	0.001	0.746
	Left	0.014	0.000	0.000	0.014

Table E-176

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	1+2+3
Body SAR	Back	0.395	0.054	0.021	0.470
	Top	0.274	0.042	0.000	0.316
	Bottom	0.018	0.013	0.000	0.031
	Right	0.619	0.098	0.001	0.718
	Left	0.013	0.000	0.000	0.013

Table E-177

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	wPT ER	Σ ER
		1	2	3	1+2+3
Body SAR	Back	0.613	0.054	0.021	0.688
	Top	0.619	0.042	0.000	0.661
	Bottom	0.010	0.013	0.000	0.023
	Right	0.113	0.098	0.001	0.212
	Left	0.031	0.000	0.000	0.031

Table E-178

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4 and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 3a ER	wPT ER	Σ ER
		1	2	3	1+2+3
Body SAR	Back	0.619	0.224	0.021	0.864
	Top	0.563	0.165	0.000	0.728
	Bottom	0.020	0.013	0.000	0.033
	Right	0.065	0.681	0.001	0.747
	Left	0.617	0.000	0.000	0.617

Table E-179

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.054	0.174	0.688	0.021	0.937*
	Top	0.002	0.042	0.666	0.149	0.000	0.859
	Bottom	0.187	0.013	0.004	0.004	0.000	0.208
	Right	0.000	0.098	0.009	0.557	0.001	0.665
	Left	0.618	0.000	0.063	0.002	0.000	0.683

Table E-180

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.174	0.688	0.021	0.937*
	Top	0.005	0.042	0.666	0.149	0.000	0.862
	Bottom	0.616	0.013	0.004	0.004	0.000	0.637
	Right	0.008	0.098	0.009	0.557	0.001	0.673
	Left	0.042	0.000	0.063	0.002	0.000	0.107

Table E-181

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.134	0.174	0.688	0.021	0.883*
	Top	0.002	0.004	0.666	0.149	0.000	0.821
	Bottom	0.187	0.073	0.004	0.004	0.000	0.268
	Right	0.000	0.000	0.009	0.557	0.001	0.567
	Left	0.618	0.216	0.063	0.002	0.000	0.899

Table E-182

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.134	0.174	0.688	0.021	0.883*
	Top	0.005	0.004	0.666	0.149	0.000	0.824
	Bottom	0.616	0.073	0.004	0.004	0.000	0.697
	Right	0.008	0.000	0.009	0.557	0.001	0.575
	Left	0.042	0.216	0.063	0.002	0.000	0.323

Table E-183

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.054	0.688	0.144	0.021	0.763*
	Top	0.002	0.042	0.149	0.002	0.000	0.195
	Bottom	0.187	0.013	0.004	0.086	0.000	0.290
	Right	0.000	0.098	0.557	0.008	0.001	0.664
	Left	0.618	0.000	0.002	0.058	0.000	0.678

Table E-184

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.688	0.144	0.021	0.784*
	Top	0.005	0.042	0.149	0.002	0.000	0.198
	Bottom	0.616	0.013	0.004	0.086	0.000	0.719
	Right	0.008	0.098	0.557	0.008	0.001	0.672
	Left	0.042	0.000	0.002	0.058	0.000	0.102

Table E-185

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.064	0.688	0.144	0.021	0.782*
	Top	0.002	0.004	0.149	0.002	0.000	0.157
	Bottom	0.187	0.032	0.004	0.086	0.000	0.309
	Right	0.000	0.000	0.557	0.008	0.001	0.566
	Left	0.618	0.098	0.002	0.058	0.000	0.776

Table E-186

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.064	0.688	0.144	0.021	0.848*
	Top	0.005	0.004	0.149	0.002	0.000	0.160
	Bottom	0.616	0.032	0.004	0.086	0.000	0.738
	Right	0.008	0.000	0.557	0.008	0.001	0.574
	Left	0.042	0.098	0.002	0.058	0.000	0.200

Table E-187

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.054	0.144	0.174	0.021	0.946
	Top	0.002	0.042	0.002	0.666	0.000	0.712
	Bottom	0.187	0.013	0.086	0.004	0.000	0.290
	Right	0.000	0.098	0.008	0.009	0.001	0.116
	Left	0.618	0.000	0.058	0.063	0.000	0.739

Table E-188

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.144	0.174	0.021	0.991*
	Top	0.005	0.042	0.002	0.666	0.000	0.715
	Bottom	0.616	0.013	0.086	0.004	0.000	0.719
	Right	0.008	0.098	0.008	0.009	0.001	0.124
	Left	0.042	0.000	0.058	0.063	0.000	0.163

Table E-189

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.064	0.144	0.174	0.021	0.956
	Top	0.002	0.004	0.002	0.666	0.000	0.674
	Bottom	0.187	0.032	0.086	0.004	0.000	0.309
	Right	0.000	0.000	0.008	0.009	0.001	0.018
	Left	0.618	0.098	0.058	0.063	0.000	0.837

Table E-190

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.064	0.144	0.174	0.021	0.848*
	Top	0.005	0.004	0.002	0.666	0.000	0.677
	Bottom	0.616	0.032	0.086	0.004	0.000	0.738
	Right	0.008	0.000	0.008	0.009	0.001	0.026
	Left	0.042	0.098	0.058	0.063	0.000	0.261

Table E-191

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.054	0.174	0.688	0.021	0.937*
	Top	0.004	0.042	0.666	0.149	0.000	0.861
	Bottom	0.203	0.013	0.004	0.004	0.000	0.224
	Right	0.513	0.098	0.009	0.557	0.001	0.665*
	Left	0.000	0.000	0.063	0.002	0.000	0.065

Table E-192

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.174	0.688	0.021	0.937*
	Top	0.008	0.042	0.666	0.149	0.000	0.865
	Bottom	0.619	0.013	0.004	0.004	0.000	0.640
	Right	0.064	0.098	0.009	0.557	0.001	0.729
	Left	0.014	0.000	0.063	0.002	0.000	0.079

Table E-193

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 1a ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.551	0.174	0.688	0.021	0.883*
	Top	0.004	0.004	0.666	0.149	0.000	0.823
	Bottom	0.203	0.146	0.004	0.004	0.000	0.357
	Right	0.513	0.000	0.009	0.557	0.001	0.567*
	Left	0.000	0.630	0.063	0.002	0.000	0.695

Table E-194

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 1a ER	5 GHz WIFI Ant 3c ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.551	0.174	0.688	0.021	0.883*
	Top	0.008	0.004	0.666	0.149	0.000	0.827
	Bottom	0.619	0.146	0.004	0.004	0.000	0.773
	Right	0.064	0.000	0.009	0.557	0.001	0.631
	Left	0.014	0.630	0.063	0.002	0.000	0.709

Table E-195

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.054	0.688	0.144	0.021	0.907*
	Top	0.004	0.042	0.149	0.002	0.000	0.197
	Bottom	0.203	0.013	0.004	0.086	0.000	0.306
	Right	0.513	0.098	0.557	0.008	0.001	0.664*
	Left	0.000	0.000	0.002	0.058	0.000	0.060

Table E-196

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.688	0.144	0.021	0.907*
	Top	0.008	0.042	0.149	0.002	0.000	0.201
	Bottom	0.619	0.013	0.004	0.086	0.000	0.722
	Right	0.064	0.098	0.557	0.008	0.001	0.728
	Left	0.014	0.000	0.002	0.058	0.000	0.074

Table E-197

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.064	0.688	0.144	0.021	0.917*
	Top	0.004	0.004	0.149	0.002	0.000	0.159
	Bottom	0.203	0.032	0.004	0.086	0.000	0.325
	Right	0.513	0.000	0.557	0.008	0.001	0.566*
	Left	0.000	0.098	0.002	0.058	0.000	0.158

Table E-198

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.064	0.688	0.144	0.021	0.917*
	Top	0.008	0.004	0.149	0.002	0.000	0.163
	Bottom	0.619	0.032	0.004	0.086	0.000	0.741
	Right	0.064	0.000	0.557	0.008	0.001	0.630
	Left	0.014	0.098	0.002	0.058	0.000	0.172

Table E-199

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.054	0.144	0.174	0.021	0.985*
	Top	0.004	0.042	0.002	0.666	0.000	0.714
	Bottom	0.203	0.013	0.086	0.004	0.000	0.306
	Right	0.513	0.098	0.008	0.009	0.001	0.629
	Left	0.000	0.000	0.058	0.063	0.000	0.121

Table E-200

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.144	0.174	0.021	0.991*
	Top	0.008	0.042	0.002	0.666	0.000	0.718
	Bottom	0.619	0.013	0.086	0.004	0.000	0.722
	Right	0.064	0.098	0.008	0.009	0.001	0.180
	Left	0.014	0.000	0.058	0.063	0.000	0.135

Table E-201

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.064	0.144	0.174	0.021	0.995*
	Top	0.004	0.004	0.002	0.666	0.000	0.676
	Bottom	0.203	0.032	0.086	0.004	0.000	0.325
	Right	0.513	0.000	0.008	0.009	0.001	0.531
	Left	0.000	0.098	0.058	0.063	0.000	0.219

Table E-202

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 1a with 7 dB backoff ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.064	0.144	0.174	0.021	0.848*
	Top	0.008	0.004	0.002	0.666	0.000	0.680
	Bottom	0.619	0.032	0.086	0.004	0.000	0.741
	Right	0.064	0.000	0.008	0.009	0.001	0.082
	Left	0.014	0.098	0.058	0.063	0.000	0.233

Table E-203

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 3a with 7 dB backoff ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.027	0.029	0.179	0.021	0.651
	Top	0.274	0.020	0.146	0.036	0.000	0.476
	Bottom	0.018	0.013	0.004	0.004	0.000	0.039
	Right	0.619	0.049	0.009	0.126	0.001	0.804
	Left	0.013	0.000	0.063	0.002	0.000	0.078

Table E-204

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 3a with 7 dB backoff ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.027	0.029	0.179	0.021	0.869
	Top	0.619	0.020	0.146	0.036	0.000	0.821
	Bottom	0.010	0.013	0.004	0.004	0.000	0.031
	Right	0.113	0.049	0.009	0.126	0.001	0.298
	Left	0.031	0.000	0.063	0.002	0.000	0.096

Table E-205

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 1a ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.551	0.029	0.179	0.021	0.624*
	Top	0.274	0.004	0.146	0.036	0.000	0.460
	Bottom	0.018	0.146	0.004	0.004	0.000	0.172
	Right	0.619	0.000	0.009	0.126	0.001	0.755
	Left	0.013	0.630	0.063	0.002	0.000	0.708

Table E-206

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 1a ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.551	0.029	0.179	0.021	0.842*
	Top	0.619	0.004	0.146	0.036	0.000	0.805
	Bottom	0.010	0.146	0.004	0.004	0.000	0.164
	Right	0.113	0.000	0.009	0.126	0.001	0.249
	Left	0.031	0.630	0.063	0.002	0.000	0.726

Table E-207

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 3a with 7 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.027	0.179	0.661	0.021	0.682*
	Top	0.274	0.020	0.036	0.002	0.000	0.332
	Bottom	0.018	0.013	0.004	0.391	0.000	0.426
	Right	0.619	0.049	0.126	0.008	0.001	0.803
	Left	0.013	0.000	0.002	0.058	0.000	0.073

Table E-208

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 3a with 7 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.027	0.179	0.661	0.021	0.840*
	Top	0.619	0.020	0.036	0.002	0.000	0.677
	Bottom	0.010	0.013	0.004	0.391	0.000	0.418
	Right	0.113	0.049	0.126	0.008	0.001	0.297
	Left	0.031	0.000	0.002	0.058	0.000	0.091

Table E-209

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.134	0.179	0.661	0.021	0.816*
	Top	0.274	0.004	0.036	0.002	0.000	0.316
	Bottom	0.018	0.073	0.004	0.391	0.000	0.486
	Right	0.619	0.000	0.126	0.008	0.001	0.754
	Left	0.013	0.216	0.002	0.058	0.000	0.289

Table E-210

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a with 6 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.134	0.179	0.661	0.021	0.816*
	Top	0.619	0.004	0.036	0.002	0.000	0.661
	Bottom	0.010	0.073	0.004	0.391	0.000	0.478
	Right	0.113	0.000	0.126	0.008	0.001	0.248
	Left	0.031	0.216	0.002	0.058	0.000	0.307

Table E-211

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 3a with 7 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.027	0.661	0.029	0.021	0.682*
	Top	0.274	0.020	0.002	0.146	0.000	0.442
	Bottom	0.018	0.013	0.391	0.004	0.000	0.426
	Right	0.619	0.049	0.008	0.009	0.001	0.686
	Left	0.013	0.000	0.058	0.063	0.000	0.134

Table E-212

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 3a with 7 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.027	0.661	0.029	0.021	0.690*
	Top	0.619	0.020	0.002	0.146	0.000	0.787
	Bottom	0.010	0.013	0.391	0.004	0.000	0.418
	Right	0.113	0.049	0.008	0.009	0.001	0.180
	Left	0.031	0.000	0.058	0.063	0.000	0.152

Table E-213

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.134	0.661	0.029	0.021	0.816*
	Top	0.274	0.004	0.002	0.146	0.000	0.426
	Bottom	0.018	0.073	0.391	0.004	0.000	0.486
	Right	0.619	0.000	0.008	0.009	0.001	0.637
	Left	0.013	0.216	0.058	0.063	0.000	0.350

Table E-214

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.134	0.661	0.029	0.021	0.816*
	Top	0.619	0.004	0.002	0.146	0.000	0.771
	Bottom	0.010	0.073	0.391	0.004	0.000	0.478
	Right	0.113	0.000	0.008	0.009	0.001	0.131
	Left	0.031	0.216	0.058	0.063	0.000	0.368

Table E-215

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 3a with 7 dB backoff ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.027	0.029	0.688	0.021	0.765*
	Top	0.563	0.020	0.146	0.149	0.000	0.878
	Bottom	0.020	0.013	0.004	0.004	0.000	0.041
	Right	0.065	0.049	0.009	0.557	0.001	0.681
	Left	0.617	0.000	0.063	0.002	0.000	0.682

Table E-216

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 1a ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	5 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.551	0.029	0.688	0.021	0.738*
	Top	0.563	0.004	0.146	0.149	0.000	0.862
	Bottom	0.020	0.146	0.004	0.004	0.000	0.174
	Right	0.065	0.000	0.009	0.557	0.001	0.632
	Left	0.617	0.630	0.063	0.002	0.000	0.695*

Table E-217

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 3a with 7 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.027	0.688	0.661	0.021	0.736*
	Top	0.563	0.020	0.149	0.002	0.000	0.734
	Bottom	0.020	0.013	0.004	0.391	0.000	0.428
	Right	0.065	0.049	0.557	0.008	0.001	0.680
	Left	0.617	0.000	0.002	0.058	0.000	0.677

Table E-218

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.134	0.688	0.661	0.021	0.816*
	Top	0.563	0.004	0.149	0.002	0.000	0.718
	Bottom	0.020	0.073	0.004	0.391	0.000	0.488
	Right	0.065	0.000	0.557	0.008	0.001	0.631
	Left	0.617	0.216	0.002	0.058	0.000	0.893

Table E-219

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 3a with 7 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.027	0.661	0.029	0.021	0.738*
	Top	0.563	0.020	0.002	0.146	0.000	0.731
	Bottom	0.020	0.013	0.391	0.004	0.000	0.428
	Right	0.065	0.049	0.008	0.009	0.001	0.132
	Left	0.617	0.000	0.058	0.063	0.000	0.738

Table E-220

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.134	0.661	0.029	0.021	0.845*
	Top	0.563	0.004	0.002	0.146	0.000	0.715
	Bottom	0.020	0.073	0.391	0.004	0.000	0.488
	Right	0.065	0.000	0.008	0.009	0.001	0.083
	Left	0.617	0.216	0.058	0.063	0.000	0.954

Table E-221

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.054	0.056	0.686	0.021	0.817*
	Top	0.002	0.042	0.629	0.124	0.000	0.797
	Bottom	0.187	0.013	0.000	0.006	0.000	0.206
	Right	0.000	0.098	0.005	0.471	0.001	0.575
	Left	0.618	0.000	0.001	0.002	0.000	0.621

Table E-222

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.056	0.686	0.021	0.817*
	Top	0.005	0.042	0.629	0.124	0.000	0.800
	Bottom	0.616	0.013	0.000	0.006	0.000	0.635
	Right	0.008	0.098	0.005	0.471	0.001	0.583
	Left	0.042	0.000	0.001	0.002	0.000	0.045

Table E-223

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.134	0.056	0.686	0.021	0.763*
	Top	0.002	0.004	0.629	0.124	0.000	0.759
	Bottom	0.187	0.073	0.000	0.006	0.000	0.266
	Right	0.000	0.000	0.005	0.471	0.001	0.477
	Left	0.618	0.216	0.001	0.002	0.000	0.837

Table E-224

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.134	0.056	0.686	0.021	0.774*
	Top	0.005	0.004	0.629	0.124	0.000	0.762
	Bottom	0.616	0.073	0.000	0.006	0.000	0.695
	Right	0.008	0.000	0.005	0.471	0.001	0.485
	Left	0.042	0.216	0.001	0.002	0.000	0.261

Table E-225

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.054	0.686	0.221	0.021	0.795*
	Top	0.002	0.042	0.124	0.000	0.000	0.168
	Bottom	0.187	0.013	0.006	0.206	0.000	0.412
	Right	0.000	0.098	0.471	0.000	0.001	0.570
	Left	0.618	0.000	0.002	0.049	0.000	0.669

Table E-226

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.686	0.221	0.021	0.861*
	Top	0.005	0.042	0.124	0.000	0.000	0.171
	Bottom	0.616	0.013	0.006	0.206	0.000	0.841
	Right	0.008	0.098	0.471	0.000	0.001	0.578
	Left	0.042	0.000	0.002	0.049	0.000	0.093

Table E-227

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.064	0.686	0.221	0.021	0.859*
	Top	0.002	0.004	0.124	0.000	0.000	0.130
	Bottom	0.187	0.032	0.006	0.206	0.000	0.431
	Right	0.000	0.000	0.471	0.000	0.001	0.472
	Left	0.618	0.098	0.002	0.049	0.000	0.767

Table E-228

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.064	0.686	0.221	0.021	0.925*
	Top	0.005	0.004	0.124	0.000	0.000	0.133
	Bottom	0.616	0.032	0.006	0.206	0.000	0.860
	Right	0.008	0.000	0.471	0.000	0.001	0.480
	Left	0.042	0.098	0.002	0.049	0.000	0.191

Table E-229

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.054	0.221	0.056	0.021	0.905
	Top	0.002	0.042	0.000	0.629	0.000	0.673
	Bottom	0.187	0.013	0.206	0.000	0.000	0.406
	Right	0.000	0.098	0.000	0.005	0.001	0.104
	Left	0.618	0.000	0.049	0.001	0.000	0.668

Table E-230

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.221	0.056	0.021	0.971
	Top	0.005	0.042	0.000	0.629	0.000	0.676
	Bottom	0.616	0.013	0.206	0.000	0.000	0.835
	Right	0.008	0.098	0.000	0.005	0.001	0.112
	Left	0.042	0.000	0.049	0.001	0.000	0.092

Table E-231

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.553	0.064	0.221	0.056	0.021	0.915
	Top	0.002	0.004	0.000	0.629	0.000	0.635
	Bottom	0.187	0.032	0.206	0.000	0.000	0.425
	Right	0.000	0.000	0.000	0.005	0.001	0.006
	Left	0.618	0.098	0.049	0.001	0.000	0.766

Table E-232

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.064	0.221	0.056	0.021	0.981
	Top	0.005	0.004	0.000	0.629	0.000	0.638
	Bottom	0.616	0.032	0.206	0.000	0.000	0.854
	Right	0.008	0.000	0.000	0.005	0.001	0.014
	Left	0.042	0.098	0.049	0.001	0.000	0.190

Table E-233

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.054	0.056	0.686	0.021	0.817*
	Top	0.004	0.042	0.629	0.124	0.000	0.799
	Bottom	0.203	0.013	0.000	0.006	0.000	0.222
	Right	0.513	0.098	0.005	0.471	0.001	0.575*
	Left	0.000	0.000	0.001	0.002	0.000	0.003

Table E-234

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.056	0.686	0.021	0.817*
	Top	0.008	0.042	0.629	0.124	0.000	0.803
	Bottom	0.619	0.013	0.000	0.006	0.000	0.638
	Right	0.064	0.098	0.005	0.471	0.001	0.639
	Left	0.014	0.000	0.001	0.002	0.000	0.017

Table E-235

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 1a ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.551	0.056	0.686	0.021	0.763*
	Top	0.004	0.004	0.629	0.124	0.000	0.761
	Bottom	0.203	0.146	0.000	0.006	0.000	0.355
	Right	0.513	0.000	0.005	0.471	0.001	0.990
	Left	0.000	0.630	0.001	0.002	0.000	0.633

Table E-236

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 1a ER	6 GHz WIFI Ant 3c ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.551	0.056	0.686	0.021	0.763*
	Top	0.008	0.004	0.629	0.124	0.000	0.765
	Bottom	0.619	0.146	0.000	0.006	0.000	0.771
	Right	0.064	0.000	0.005	0.471	0.001	0.541
	Left	0.014	0.630	0.001	0.002	0.000	0.647

Table E-237

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.054	0.686	0.221	0.021	0.982*
	Top	0.004	0.042	0.124	0.000	0.000	0.170
	Bottom	0.203	0.013	0.006	0.206	0.000	0.428
	Right	0.513	0.098	0.471	0.000	0.001	0.570*
	Left	0.000	0.000	0.002	0.049	0.000	0.051

Table E-238

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.686	0.221	0.021	0.982*
	Top	0.008	0.042	0.124	0.000	0.000	0.174
	Bottom	0.619	0.013	0.006	0.206	0.000	0.844
	Right	0.064	0.098	0.471	0.000	0.001	0.634
	Left	0.014	0.000	0.002	0.049	0.000	0.065

Table E-239

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.064	0.686	0.221	0.021	0.992*
	Top	0.004	0.004	0.124	0.000	0.000	0.132
	Bottom	0.203	0.032	0.006	0.206	0.000	0.447
	Right	0.513	0.000	0.471	0.000	0.001	0.985
	Left	0.000	0.098	0.002	0.049	0.000	0.149

Table E-240

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.064	0.686	0.221	0.021	0.992*
	Top	0.008	0.004	0.124	0.000	0.000	0.136
	Bottom	0.619	0.032	0.006	0.206	0.000	0.863
	Right	0.064	0.000	0.471	0.000	0.001	0.536
	Left	0.014	0.098	0.002	0.049	0.000	0.163

Table E-241

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.054	0.221	0.056	0.021	0.965
	Top	0.004	0.042	0.000	0.629	0.000	0.675
	Bottom	0.203	0.013	0.206	0.000	0.000	0.422
	Right	0.513	0.098	0.000	0.005	0.001	0.617
	Left	0.000	0.000	0.049	0.001	0.000	0.050

Table E-242

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.054	0.221	0.056	0.021	0.971
	Top	0.008	0.042	0.000	0.629	0.000	0.679
	Bottom	0.619	0.013	0.206	0.000	0.000	0.838
	Right	0.064	0.098	0.000	0.005	0.001	0.168
	Left	0.014	0.000	0.049	0.001	0.000	0.064

Table E-243

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.064	0.221	0.056	0.021	0.975
	Top	0.004	0.004	0.000	0.629	0.000	0.637
	Bottom	0.203	0.032	0.206	0.000	0.000	0.441
	Right	0.513	0.000	0.000	0.005	0.001	0.519
	Left	0.000	0.098	0.049	0.001	0.000	0.148

Table E-244

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 1a with 7 dB backoff ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.064	0.221	0.056	0.021	0.981
	Top	0.008	0.004	0.000	0.629	0.000	0.641
	Bottom	0.619	0.032	0.206	0.000	0.000	0.857
	Right	0.064	0.000	0.000	0.005	0.001	0.070
	Left	0.014	0.098	0.049	0.001	0.000	0.162

Table E-245

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 3a with 7 dB backoff ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.027	0.056	0.141	0.021	0.640
	Top	0.274	0.020	0.166	0.013	0.000	0.473
	Bottom	0.018	0.013	0.000	0.006	0.000	0.037
	Right	0.619	0.049	0.005	0.098	0.001	0.772
	Left	0.013	0.000	0.001	0.002	0.000	0.016

Table E-246

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 3a with 7 dB backoff ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.027	0.056	0.141	0.021	0.858
	Top	0.619	0.020	0.166	0.013	0.000	0.818
	Bottom	0.010	0.013	0.000	0.006	0.000	0.029
	Right	0.113	0.049	0.005	0.098	0.001	0.266
	Left	0.031	0.000	0.001	0.002	0.000	0.034

Table E-247

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 1a ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.551	0.056	0.141	0.021	0.613*
	Top	0.274	0.004	0.166	0.013	0.000	0.457
	Bottom	0.018	0.146	0.000	0.006	0.000	0.170
	Right	0.619	0.000	0.005	0.098	0.001	0.723
	Left	0.013	0.630	0.001	0.002	0.000	0.646

Table E-248

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 1a ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.551	0.056	0.141	0.021	0.831*
	Top	0.619	0.004	0.166	0.013	0.000	0.802
	Bottom	0.010	0.146	0.000	0.006	0.000	0.162
	Right	0.113	0.000	0.005	0.098	0.001	0.217
	Left	0.031	0.630	0.001	0.002	0.000	0.664

Table E-249

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 3a with 7 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.027	0.141	0.687	0.021	0.708*
	Top	0.274	0.020	0.013	0.000	0.000	0.307
	Bottom	0.018	0.013	0.006	0.458	0.000	0.495
	Right	0.619	0.049	0.098	0.000	0.001	0.767
	Left	0.013	0.000	0.002	0.049	0.000	0.064

Table E-250

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 3a with 7 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.027	0.141	0.687	0.021	0.802*
	Top	0.619	0.020	0.013	0.000	0.000	0.652
	Bottom	0.010	0.013	0.006	0.458	0.000	0.487
	Right	0.113	0.049	0.098	0.000	0.001	0.261
	Left	0.031	0.000	0.002	0.049	0.000	0.082

Table E-251

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.134	0.141	0.687	0.021	0.842*
	Top	0.274	0.004	0.013	0.000	0.000	0.291
	Bottom	0.018	0.073	0.006	0.458	0.000	0.555
	Right	0.619	0.000	0.098	0.000	0.001	0.718
	Left	0.013	0.216	0.002	0.049	0.000	0.280

Table E-252

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a with 6 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.134	0.141	0.687	0.021	0.842*
	Top	0.619	0.004	0.013	0.000	0.000	0.636
	Bottom	0.010	0.073	0.006	0.458	0.000	0.547
	Right	0.113	0.000	0.098	0.000	0.001	0.212
	Left	0.031	0.216	0.002	0.049	0.000	0.298

Table E-253

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 3a with 7 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.027	0.687	0.056	0.021	0.708*
	Top	0.274	0.020	0.000	0.166	0.000	0.460
	Bottom	0.018	0.013	0.458	0.000	0.000	0.489
	Right	0.619	0.049	0.000	0.005	0.001	0.674
	Left	0.013	0.000	0.049	0.001	0.000	0.063

Table E-254

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 3a with 7 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.027	0.687	0.056	0.021	0.717*
	Top	0.619	0.020	0.000	0.166	0.000	0.805
	Bottom	0.010	0.013	0.458	0.000	0.000	0.481
	Right	0.113	0.049	0.000	0.005	0.001	0.168
	Left	0.031	0.000	0.049	0.001	0.000	0.081

Table E-255

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.395	0.134	0.687	0.056	0.021	0.842*
	Top	0.274	0.004	0.000	0.166	0.000	0.444
	Bottom	0.018	0.073	0.458	0.000	0.000	0.549
	Right	0.619	0.000	0.000	0.005	0.001	0.625
	Left	0.013	0.216	0.049	0.001	0.000	0.279

Table E-256

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.613	0.134	0.687	0.056	0.021	0.842*
	Top	0.619	0.004	0.000	0.166	0.000	0.789
	Bottom	0.010	0.073	0.458	0.000	0.000	0.541
	Right	0.113	0.000	0.000	0.005	0.001	0.119
	Left	0.031	0.216	0.049	0.001	0.000	0.297

Table E-257

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 3a with 7 dB backoff ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.027	0.056	0.686	0.021	0.790*
	Top	0.563	0.020	0.166	0.124	0.000	0.873
	Bottom	0.020	0.013	0.000	0.006	0.000	0.039
	Right	0.065	0.049	0.005	0.471	0.001	0.591
	Left	0.617	0.000	0.001	0.002	0.000	0.620

Table E-258

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 1a ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	6 GHz WIFI Ant 3a ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.551	0.056	0.686	0.021	0.763*
	Top	0.563	0.004	0.166	0.124	0.000	0.857
	Bottom	0.020	0.146	0.000	0.006	0.000	0.172
	Right	0.065	0.000	0.005	0.471	0.001	0.542
	Left	0.617	0.630	0.001	0.002	0.000	0.633*

Table E-259

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 3a with 7 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.027	0.686	0.687	0.021	0.734*
	Top	0.563	0.020	0.124	0.000	0.000	0.707
	Bottom	0.020	0.013	0.006	0.458	0.000	0.497
	Right	0.065	0.049	0.471	0.000	0.001	0.586
	Left	0.617	0.000	0.002	0.049	0.000	0.668

Table E-260

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.134	0.686	0.687	0.021	0.842*
	Top	0.563	0.004	0.124	0.000	0.000	0.691
	Bottom	0.020	0.073	0.006	0.458	0.000	0.557
	Right	0.065	0.000	0.471	0.000	0.001	0.537
	Left	0.617	0.216	0.002	0.049	0.000	0.884

Table E-261

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 3a with 7 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.027	0.687	0.056	0.021	0.791*
	Top	0.563	0.020	0.000	0.166	0.000	0.749
	Bottom	0.020	0.013	0.458	0.000	0.000	0.491
	Right	0.065	0.049	0.000	0.005	0.001	0.120
	Left	0.617	0.000	0.049	0.001	0.000	0.667

Table E-262

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	5	1+2+3+4+5
Body SAR	Back	0.619	0.134	0.687	0.056	0.021	0.898*
	Top	0.563	0.004	0.000	0.166	0.000	0.733
	Bottom	0.020	0.073	0.458	0.000	0.000	0.551
	Right	0.065	0.000	0.000	0.005	0.001	0.071
	Left	0.617	0.216	0.049	0.001	0.000	0.883

Table E-263

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.224	0.144	0.021	0.942
	Top	0.002	0.165	0.002	0.000	0.169
	Bottom	0.187	0.013	0.086	0.000	0.286
	Right	0.000	0.681	0.008	0.001	0.690
	Left	0.618	0.000	0.058	0.000	0.676

Table E-264

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.224	0.144	0.021	0.987*
	Top	0.005	0.165	0.002	0.000	0.172
	Bottom	0.616	0.013	0.086	0.000	0.715
	Right	0.008	0.681	0.008	0.001	0.698
	Left	0.042	0.000	0.058	0.000	0.100

Table E-265

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.224	0.144	0.021	0.981*
	Top	0.004	0.165	0.002	0.000	0.171
	Bottom	0.203	0.013	0.086	0.000	0.302
	Right	0.513	0.681	0.008	0.001	0.690*
	Left	0.000	0.000	0.058	0.000	0.058

Table E-266

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 3a ER	5 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.224	0.144	0.021	0.987*
	Top	0.008	0.165	0.002	0.000	0.175
	Bottom	0.619	0.013	0.086	0.000	0.718
	Right	0.064	0.681	0.008	0.001	0.754
	Left	0.014	0.000	0.058	0.000	0.072

Table E-267

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.054	0.661	0.021	0.682*
	Top	0.274	0.042	0.002	0.000	0.318
	Bottom	0.018	0.013	0.391	0.000	0.422
	Right	0.619	0.098	0.008	0.001	0.726
	Left	0.013	0.000	0.058	0.000	0.071

Table E-268

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.054	0.661	0.021	0.688*
	Top	0.619	0.042	0.002	0.000	0.663
	Bottom	0.010	0.013	0.391	0.000	0.414
	Right	0.113	0.098	0.008	0.001	0.220
	Left	0.031	0.000	0.058	0.000	0.089

Table E-269

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 3a ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.224	0.661	0.021	0.906*
	Top	0.563	0.165	0.002	0.000	0.730
	Bottom	0.020	0.013	0.391	0.000	0.424
	Right	0.065	0.681	0.008	0.001	0.755
	Left	0.617	0.000	0.058	0.000	0.675

Table E-270

Cellular Band Ant 1a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	802.15.4 Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.553	0.224	0.221	0.021	0.795*
	Top	0.002	0.165	0.000	0.000	0.167
	Bottom	0.187	0.013	0.206	0.000	0.406
	Right	0.000	0.681	0.000	0.001	0.682
	Left	0.618	0.000	0.049	0.000	0.667

Table E-271

Cellular Band Ant 1b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 1b ER	802.15.4 Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.224	0.221	0.021	0.861*
	Top	0.005	0.165	0.000	0.000	0.170
	Bottom	0.616	0.013	0.206	0.000	0.835
	Right	0.008	0.681	0.000	0.001	0.690
	Left	0.042	0.000	0.049	0.000	0.091

Table E-272

Cellular Band Ant 2a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2a ER	802.15.4 Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.224	0.221	0.021	0.858*
	Top	0.004	0.165	0.000	0.000	0.169
	Bottom	0.203	0.013	0.206	0.000	0.422
	Right	0.513	0.681	0.000	0.001	0.682*
	Left	0.000	0.000	0.049	0.000	0.049

Table E-273

Cellular Band Ant 2b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 2b ER	802.15.4 Ant 3a ER	6 GHz WIFI Ant 1b with 6 dB backoff ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.224	0.221	0.021	0.864*
	Top	0.008	0.165	0.000	0.000	0.173
	Bottom	0.619	0.013	0.206	0.000	0.838
	Right	0.064	0.681	0.000	0.001	0.746
	Left	0.014	0.000	0.049	0.000	0.063

Table E-274

Cellular Band Ant 3a Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.395	0.054	0.687	0.021	0.708*
	Top	0.274	0.042	0.000	0.000	0.316
	Bottom	0.018	0.013	0.458	0.000	0.489
	Right	0.619	0.098	0.000	0.001	0.718
	Left	0.013	0.000	0.049	0.000	0.062

Table E-275

Cellular Band Ant 3b Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 3b ER	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.613	0.054	0.687	0.021	0.708*
	Top	0.619	0.042	0.000	0.000	0.661
	Bottom	0.010	0.013	0.458	0.000	0.481
	Right	0.113	0.098	0.000	0.001	0.212
	Left	0.031	0.000	0.049	0.000	0.080

Table E-276

Cellular Band Ant 4 Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI and wPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	802.15.4 Ant 3a ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.619	0.224	0.687	0.021	0.932*
	Top	0.563	0.165	0.000	0.000	0.728
	Bottom	0.020	0.013	0.458	0.000	0.491
	Right	0.065	0.681	0.000	0.001	0.747
	Left	0.617	0.000	0.049	0.000	0.666

Table E-277

Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 3a ER	5 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.054	0.688	0.661	0.021	0.763*
	Top	0.042	0.149	0.002	0.000	0.193
	Bottom	0.013	0.004	0.391	0.000	0.408
	Right	0.098	0.557	0.008	0.001	0.664
	Left	0.000	0.002	0.058	0.000	0.060

Table E-278

Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	802.15.4 Ant 3a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.054	0.661	0.174	0.021	0.910
	Top	0.042	0.002	0.666	0.000	0.710
	Bottom	0.013	0.391	0.004	0.000	0.408
	Right	0.098	0.008	0.009	0.001	0.116
	Left	0.000	0.058	0.063	0.000	0.121

Table E-279

Simultaneous Transmission Scenario with 802.15.4, 5 GHz WIFI MIMO and wPT

Simult Tx	Configuration	802.15.4 Ant 1a with 4.5 dB backoff ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.134	0.661	0.174	0.021	0.990
	Top	0.004	0.002	0.666	0.000	0.672
	Bottom	0.073	0.391	0.004	0.000	0.468
	Right	0.000	0.008	0.009	0.001	0.018
	Left	0.216	0.058	0.063	0.000	0.337

Table E-280

Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 3a ER	6 GHz WIFI Ant 1b ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.054	0.686	0.687	0.021	0.761*
	Top	0.042	0.124	0.000	0.000	0.166
	Bottom	0.013	0.006	0.458	0.000	0.477
	Right	0.098	0.471	0.000	0.001	0.570
	Left	0.000	0.002	0.049	0.000	0.051

Table E-281

Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	802.15.4 Ant 3a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.054	0.687	0.056	0.021	0.818
	Top	0.042	0.000	0.629	0.000	0.671
	Bottom	0.013	0.458	0.000	0.000	0.471
	Right	0.098	0.000	0.005	0.001	0.104
	Left	0.000	0.049	0.001	0.000	0.050

Table E-282

Simultaneous Transmission Scenario with 802.15.4, 6 GHz WIFI MIMO and wPT

Simult Tx	Configuration	802.15.4 Ant 1a with 4.5 dB backoff ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant 3c ER	wPT ER	Σ ER
		1	2	3	4	1+2+3+4
Body SAR	Back	0.134	0.687	0.056	0.021	0.898
	Top	0.004	0.000	0.629	0.000	0.633
	Bottom	0.073	0.458	0.000	0.000	0.531
	Right	0.000	0.000	0.005	0.001	0.006
	Left	0.216	0.049	0.001	0.000	0.266

E.4 Spatial Separation Analysis

Per FCC KDB Publication 248227, antennas may be considered spatially separated when the aggregate SAR from multiple antennas at any location in the combined SAR distribution is either ≤ 1.2 W/kg where at least 90% of the SAR is attributed to a single SAR distribution or ≤ 0.4 W/kg where no more than one SAR distribution is contributing > 0.1 W/kg.

Spatial separation was determined by inspection of the area scan SAR distributions to confirm that at all locations, SAR was < 1.2 W/kg, where at least 90% of the SAR is attributed to a single SAR distribution. See below for illustrations of the spatial separated antennas considered.

E.4.1 Back Side Spatial Separation Analysis

Figure E-1
Back Side Spatial Separation for Antenna 1a and Antenna 2a

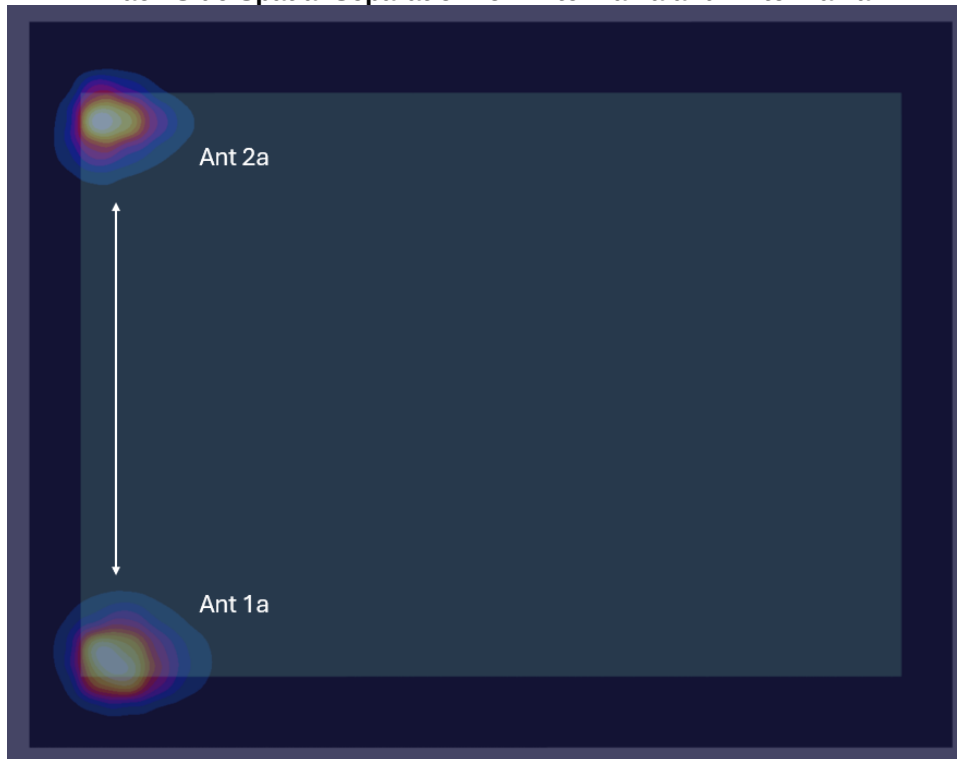


Figure E-2
Back Side Spatial Separation for Antenna 1a and Antenna 2b



Figure E-3
Back Side Spatial Separation for Antenna 1a and Antenna 3a

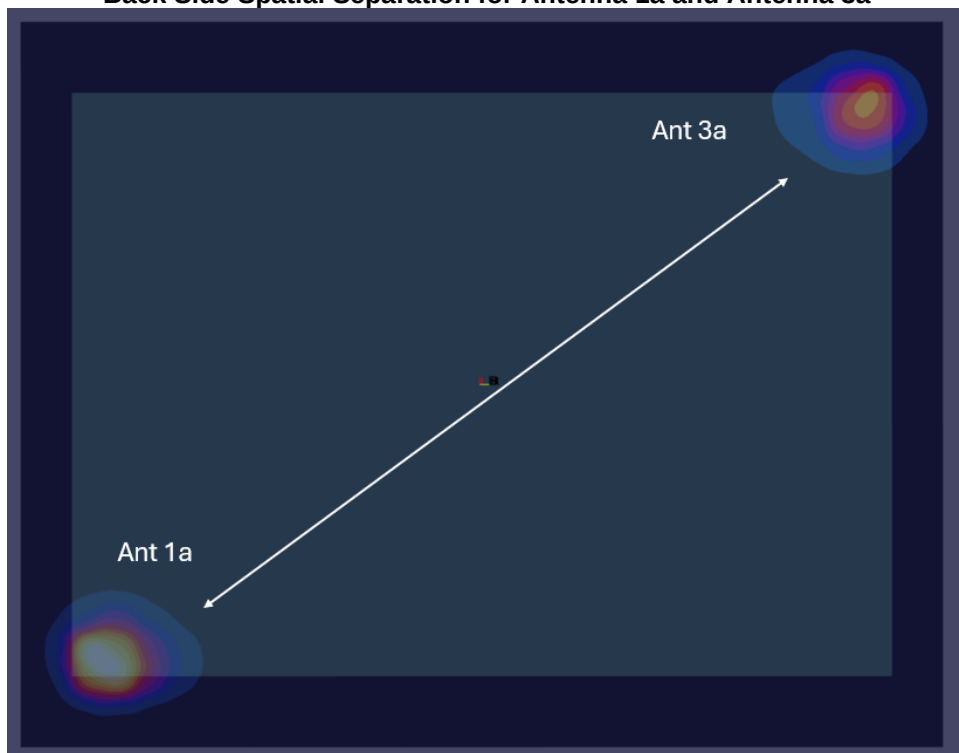


Figure E-4
Back Side Spatial Separation for Antenna 1a and Antenna 3b

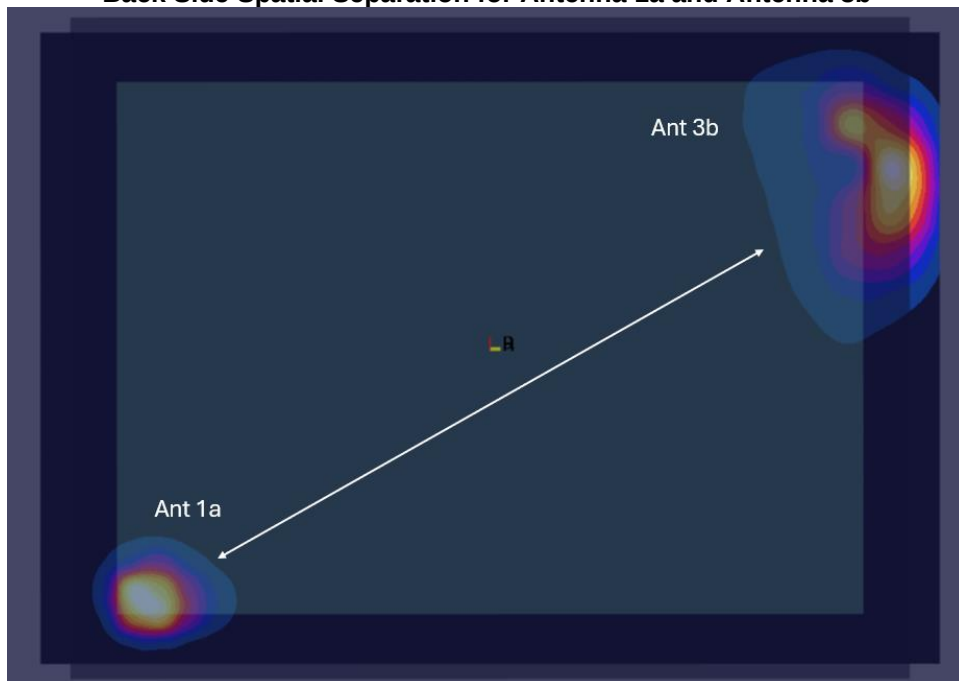


Figure E-5
Back Side Spatial Separation for Antenna 1a and Antenna 3c

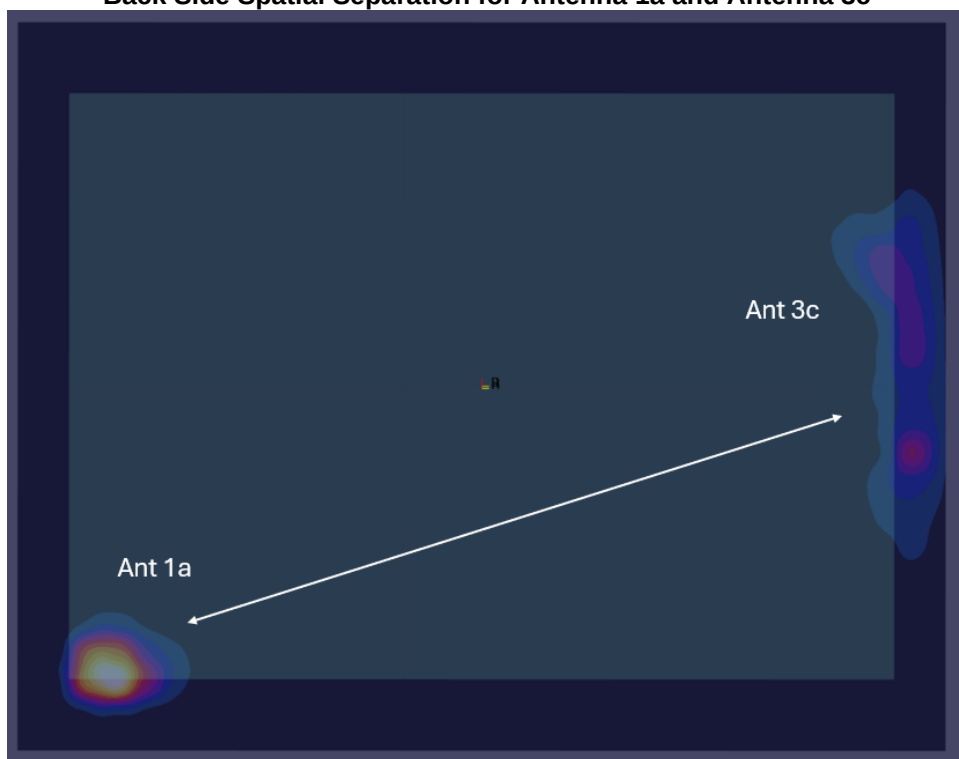


Figure E-6
Back Side Spatial Separation for Antenna 1a and Antenna 4

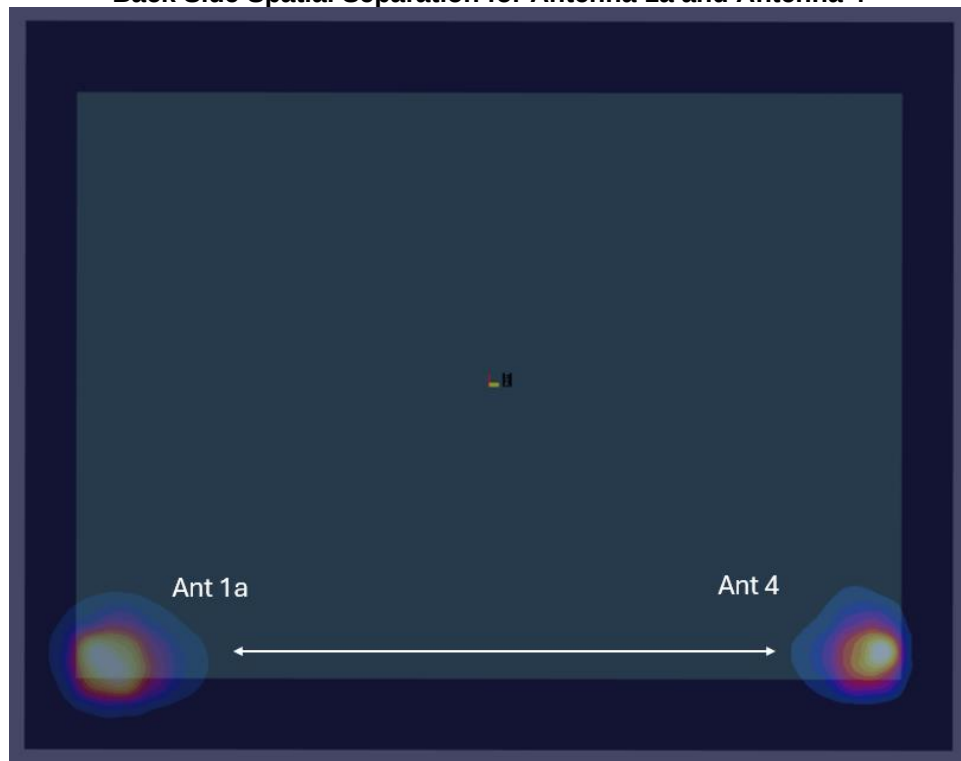


Figure E-7
Back Side Spatial Separation for Antenna 1a and Antenna wPT

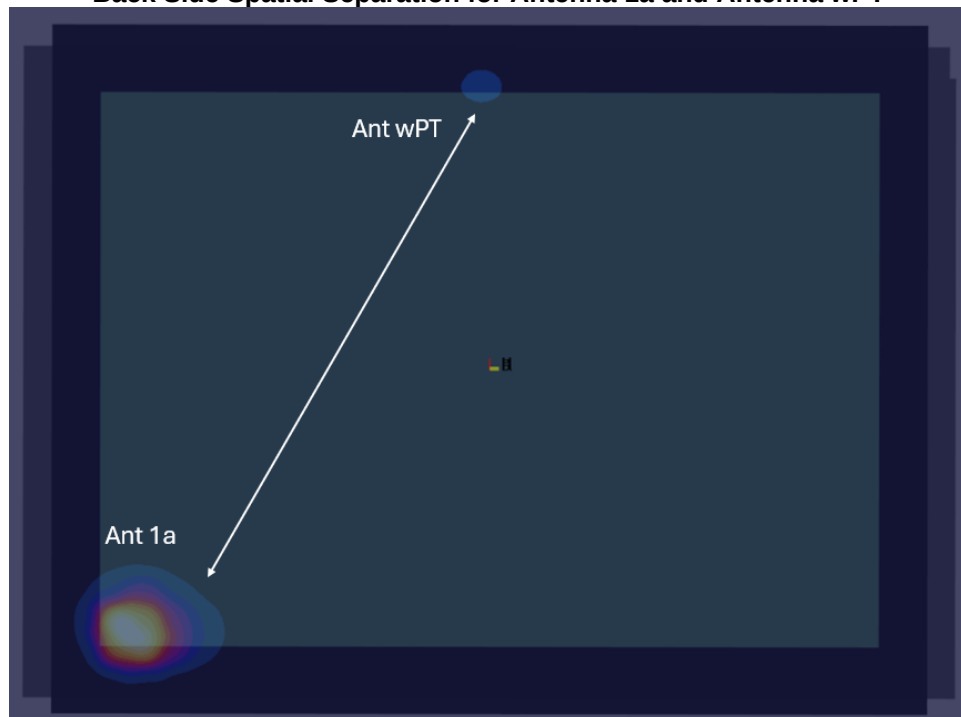


Figure E-8
Back Side Spatial Separation for Antenna 1b and Antenna 2a



Figure E-9
Back Side Spatial Separation for Antenna 1b and Antenna 2b

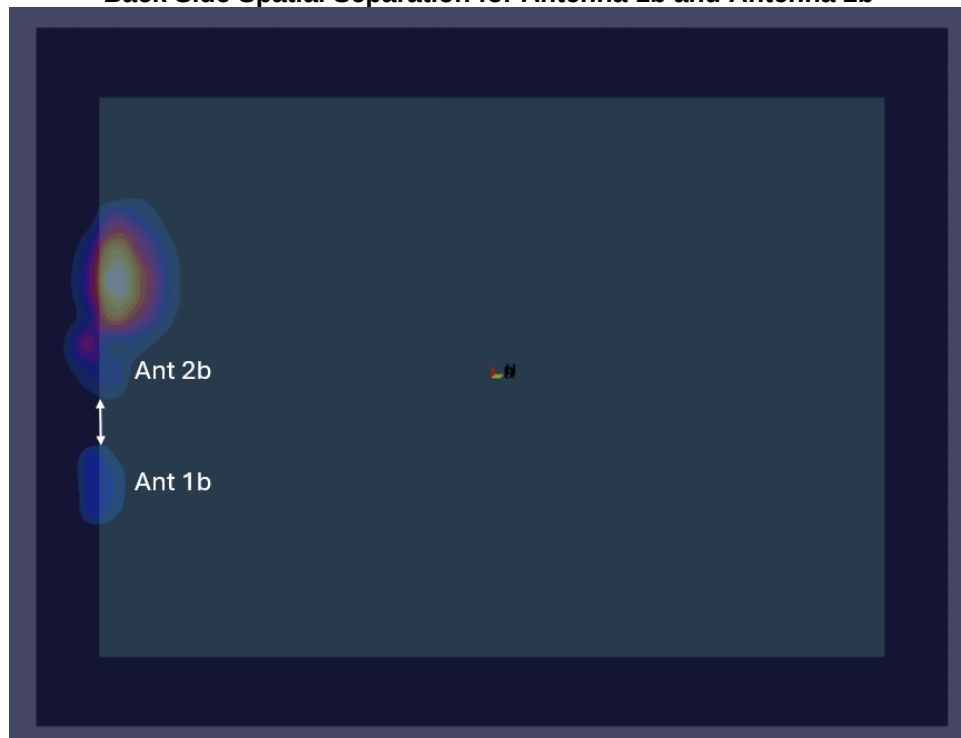


Figure E-10
Back Side Spatial Separation for Antenna 1b and Antenna 3a

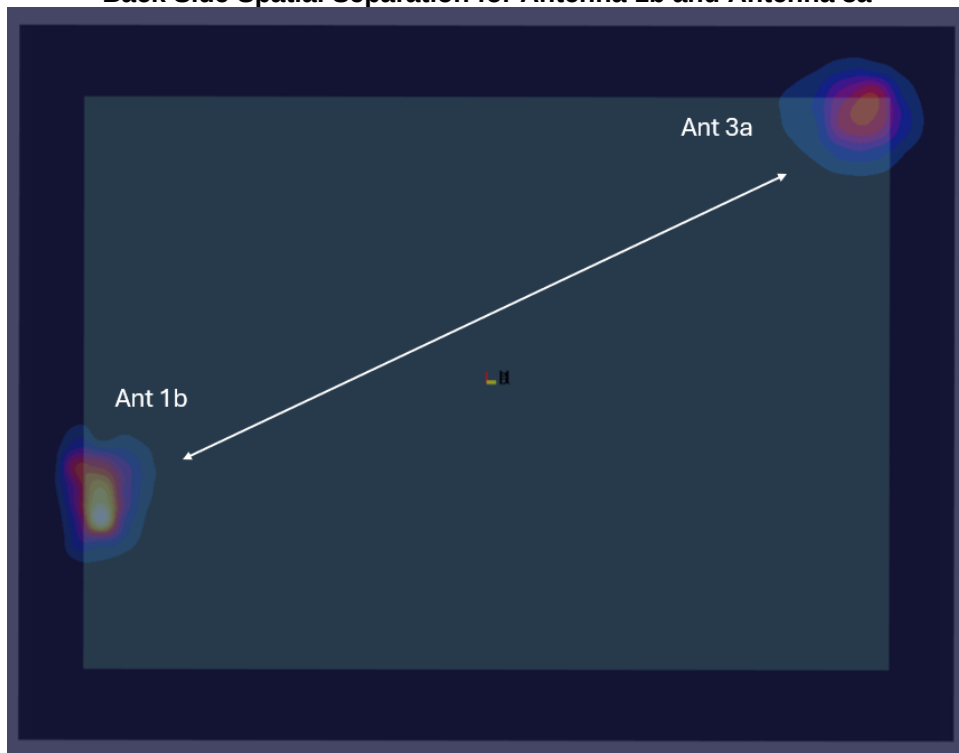


Figure E-11
Back Side Spatial Separation for Antenna 1b and Antenna 3b

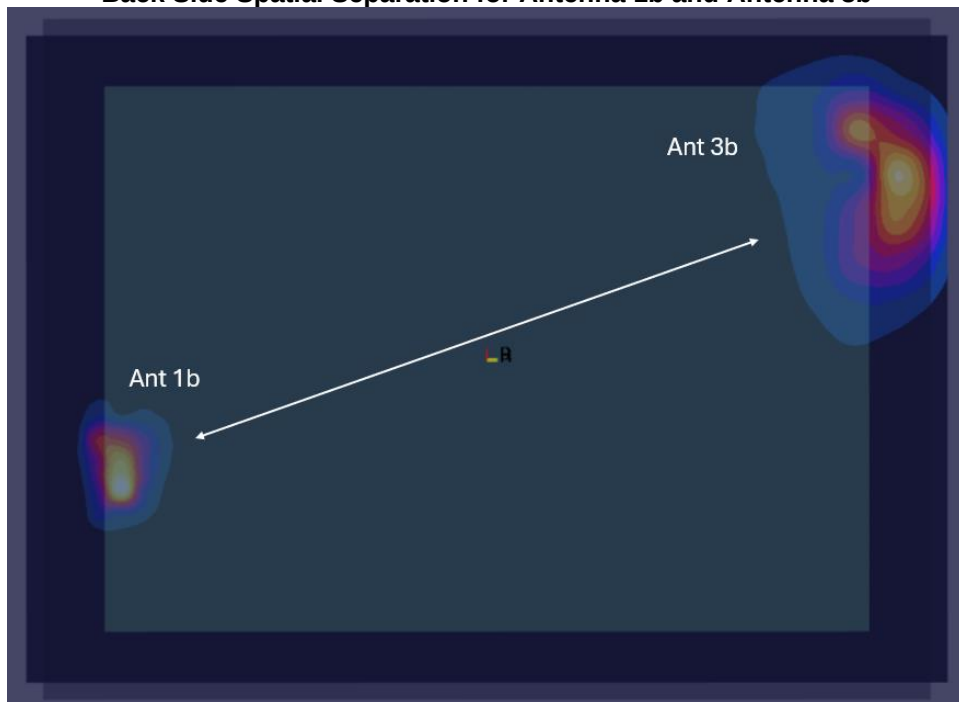


Figure E-12
Back Side Spatial Separation for Antenna 1b and Antenna 3c



Figure E-13
Back Side Spatial Separation for Antenna 1b and Antenna 4

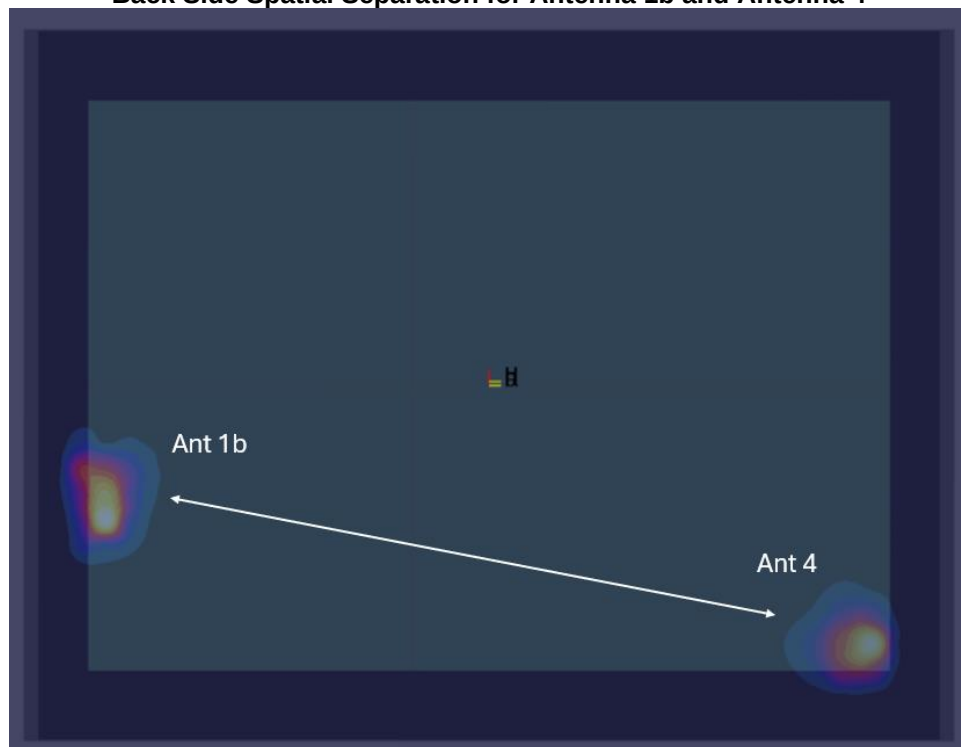


Figure E-14
Back Side Spatial Separation for Antenna 1b and Antenna wPT

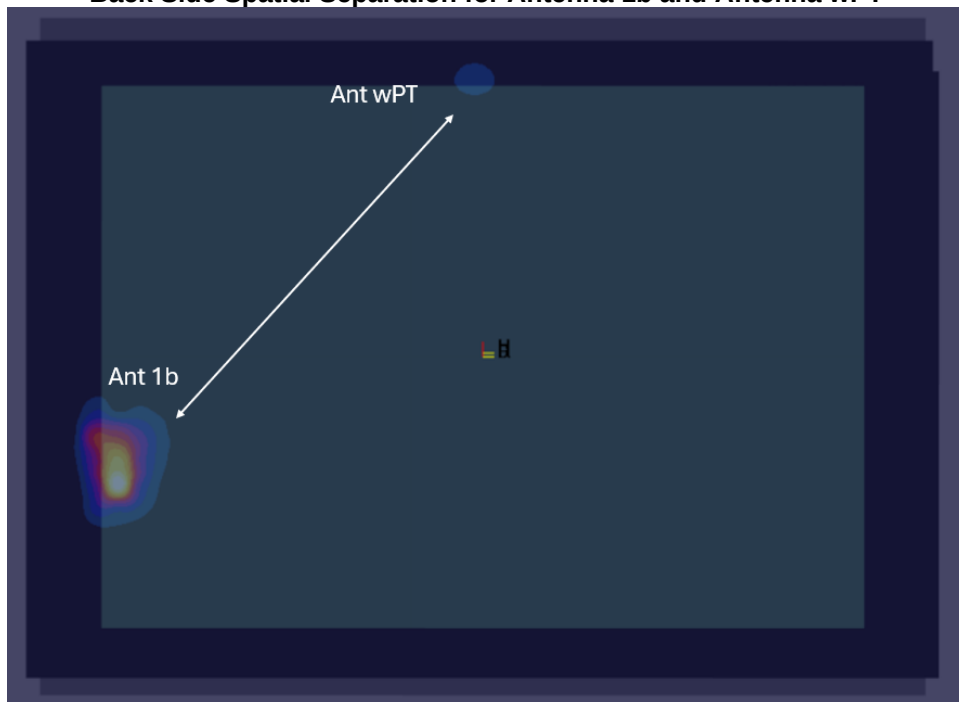


Figure E-15
Back Side Spatial Separation for Antenna 2a and Antenna 3a

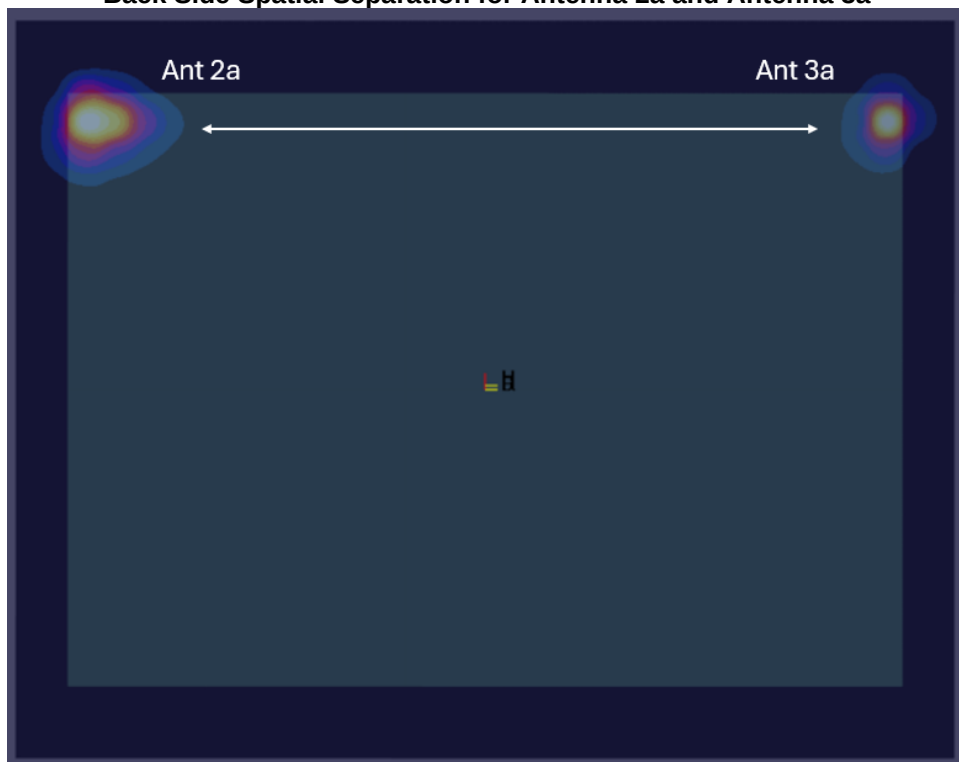


Figure E-16
Back Side Spatial Separation for Antenna 2a and Antenna 3c

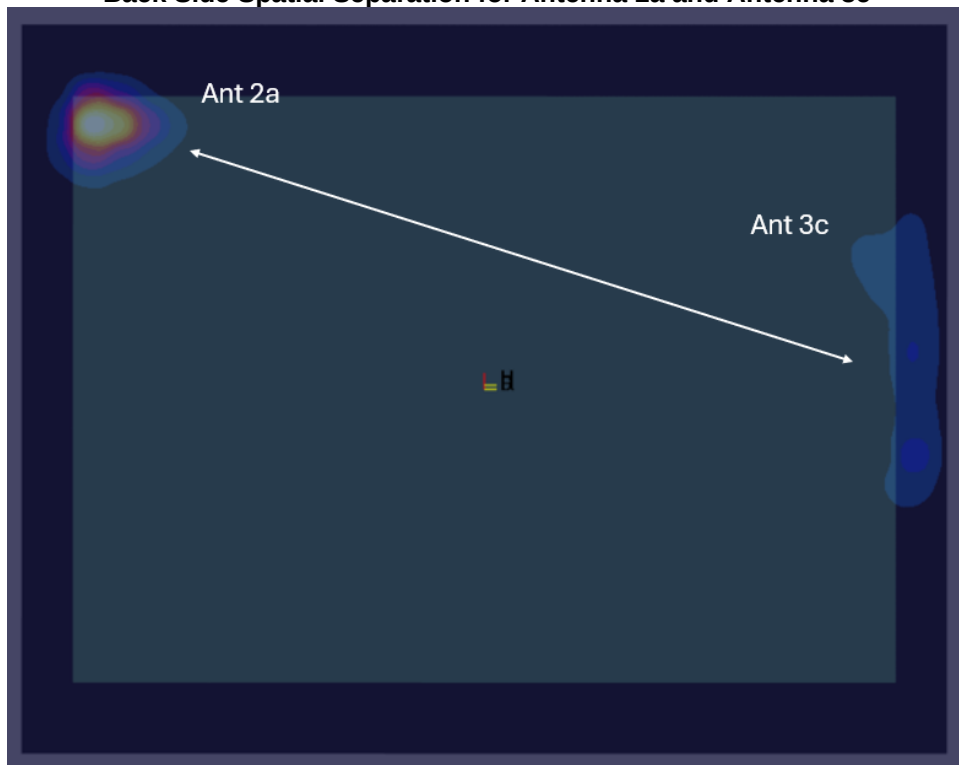


Figure E-17
Back Side Spatial Separation for Antenna 2a and Antenna wPT



Figure E-18
Back Side Spatial Separation for Antenna 2b and Antenna 3a

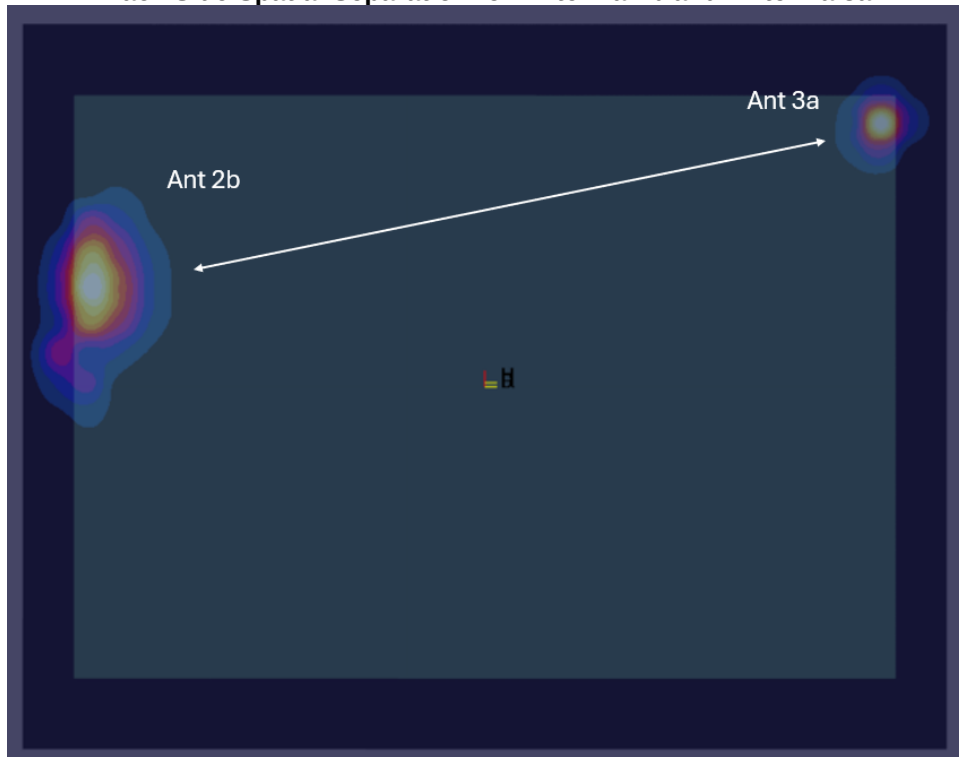


Figure E-19
Back Side Spatial Separation for Antenna 2b and Antenna 3c

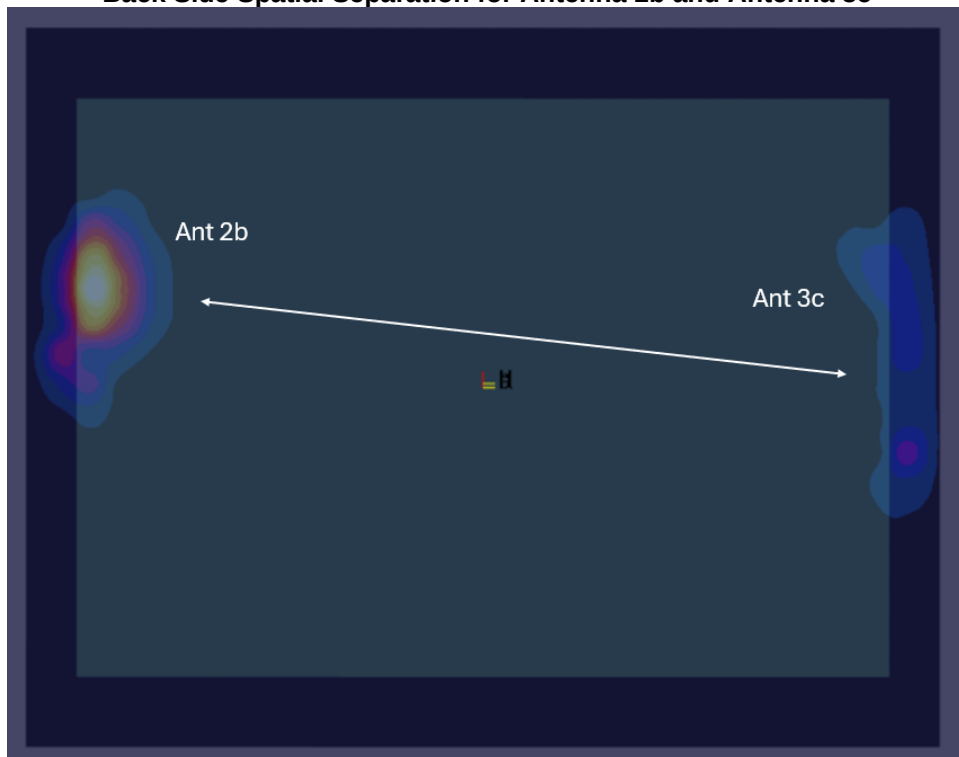


Figure E-20
Back Side Spatial Separation for Antenna 2b and Antenna wPT

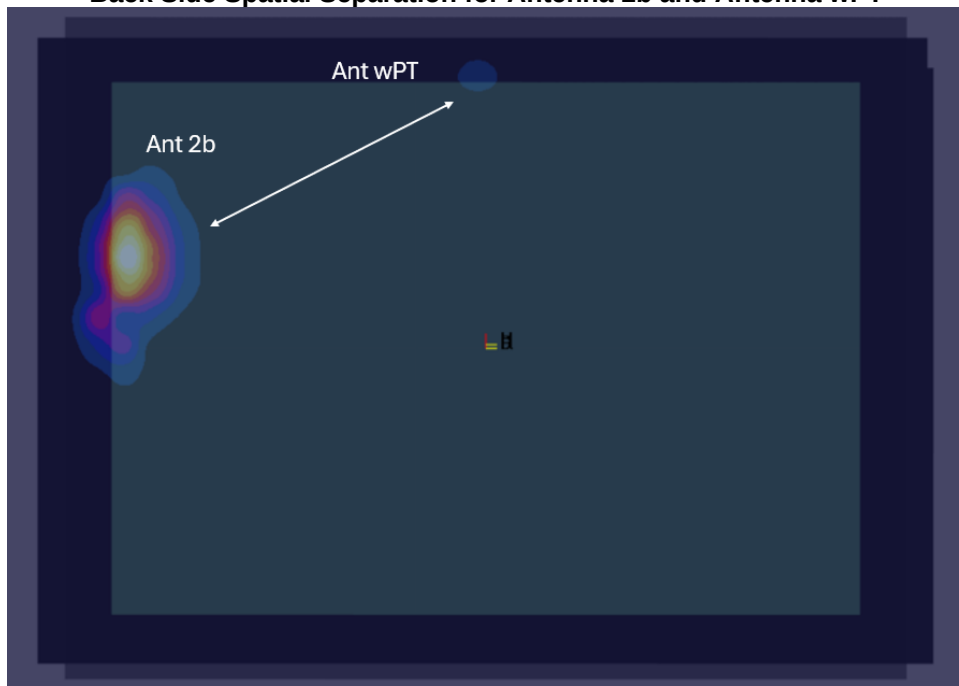


Figure E-21
Back Side Spatial Separation for Antenna 3a and Antenna 4

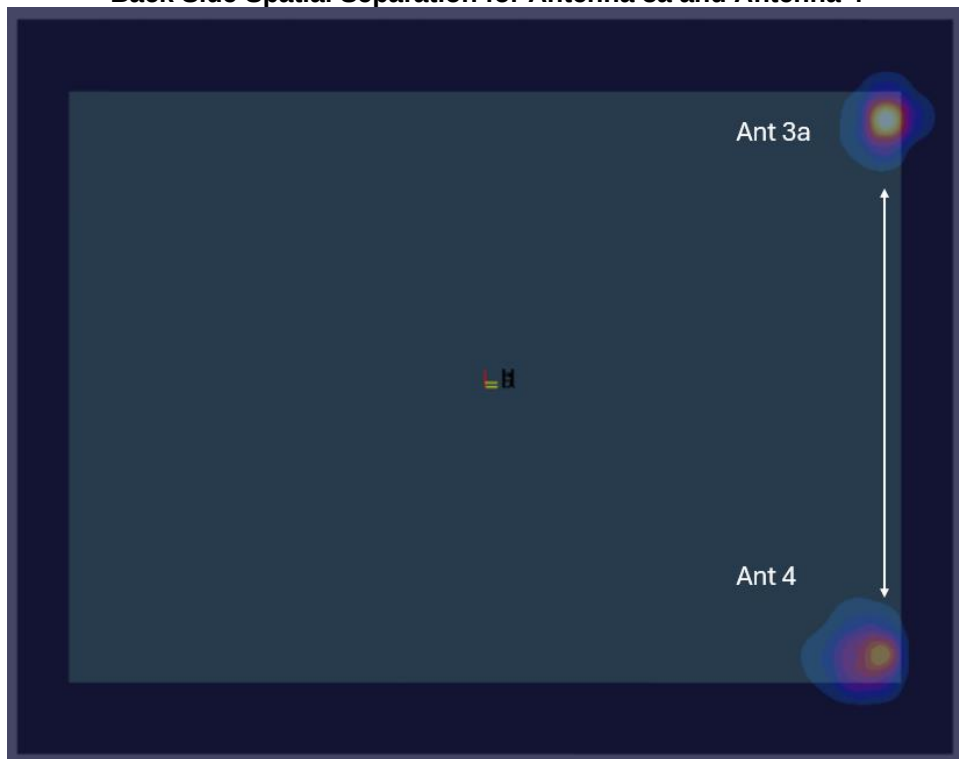


Figure E-22
Back Side Spatial Separation for Antenna 3a and Antenna wPT

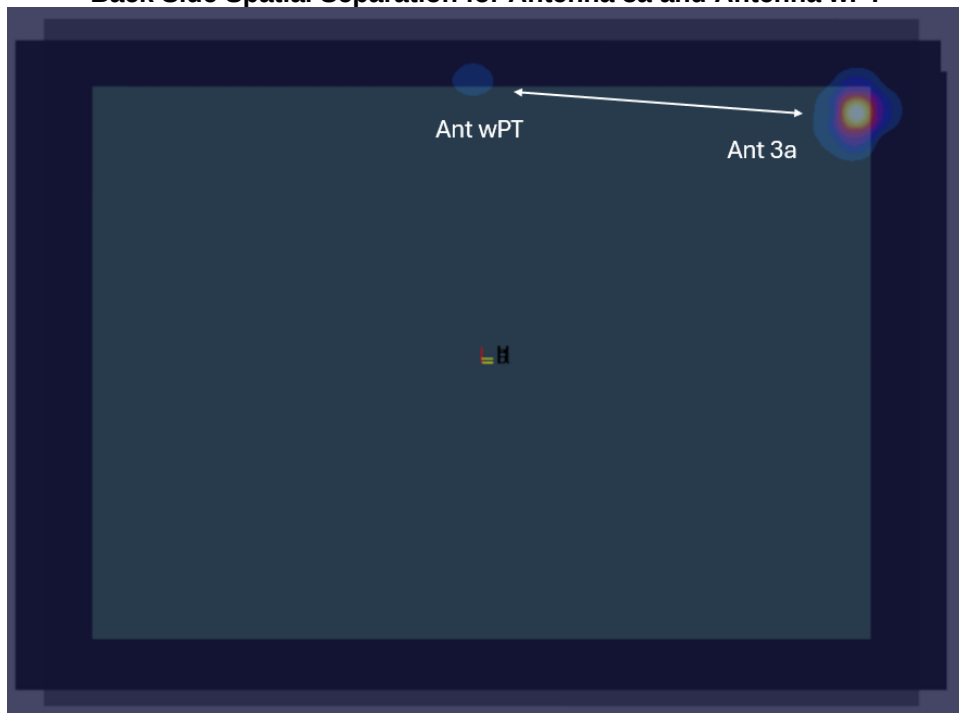


Figure E-23
Back Side Spatial Separation for Antenna 3b and Antenna wPT



Figure E-24
Back Side Spatial Separation for Antenna 3c and Antenna 4

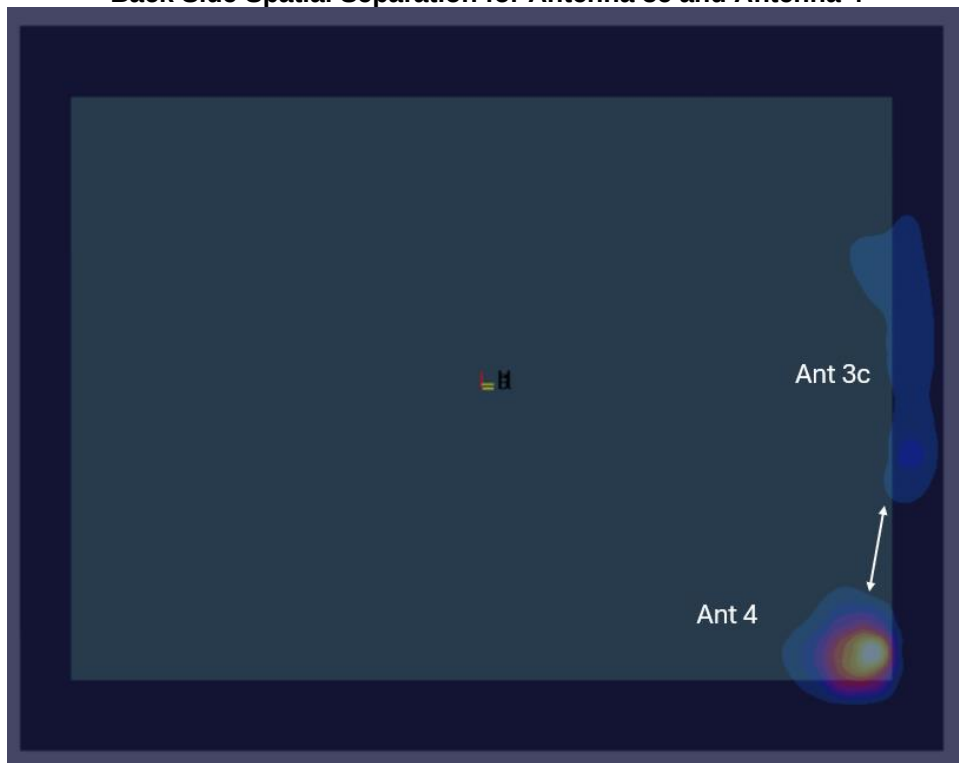


Figure E-25
Back Side Spatial Separation for Antenna 3c and Antenna wPT

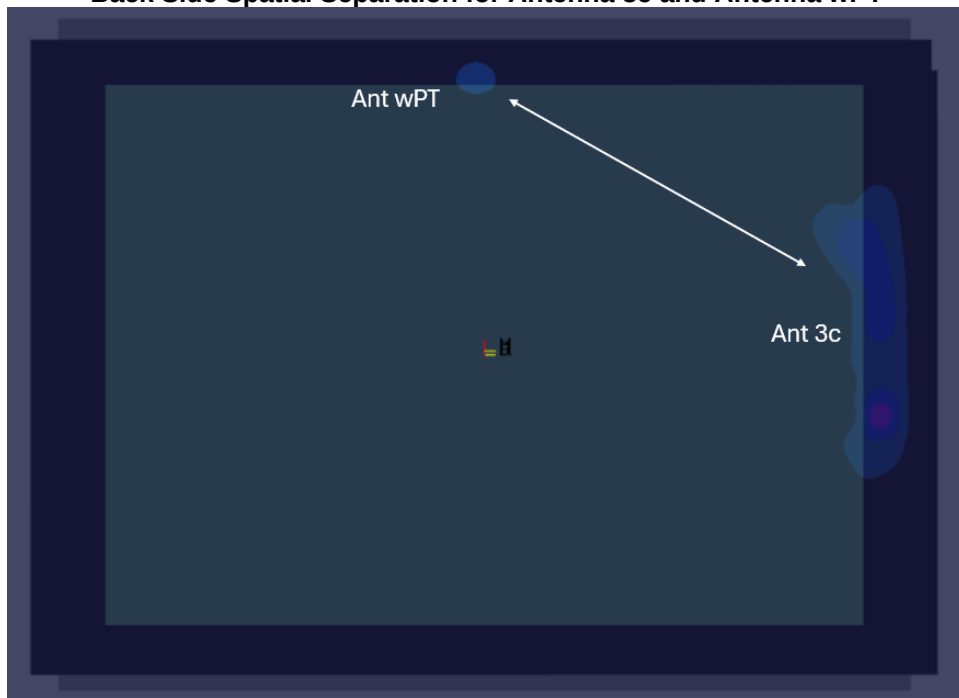
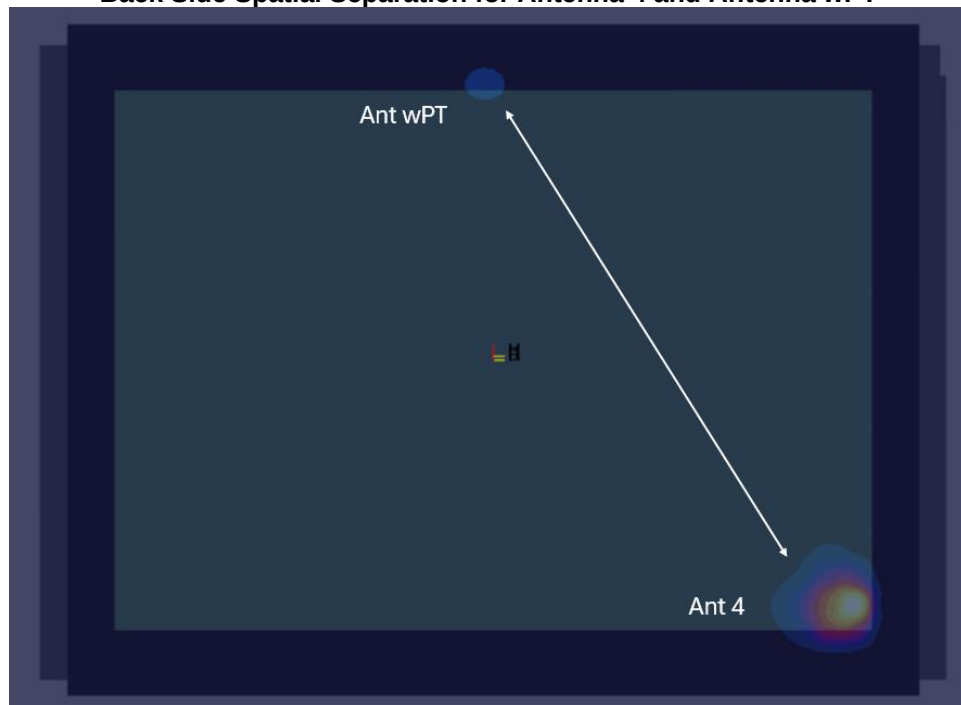


Figure E-26
Back Side Spatial Separation for Antenna 4 and Antenna wPT

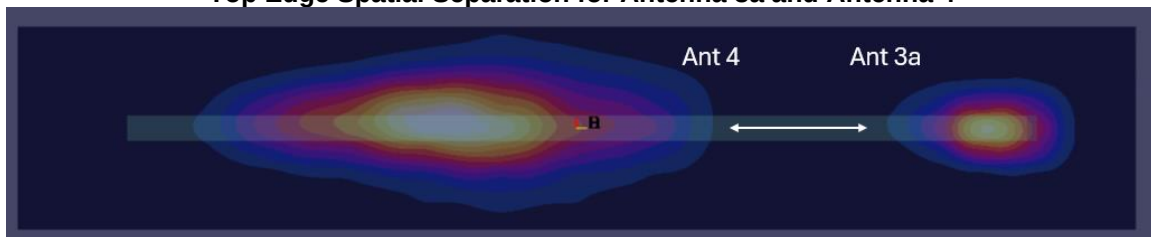


E.4.2 Top Edge Spatial Separation Analysis

Figure E-27
Top Edge Spatial Separation for Antenna 3a and Antenna 3c



Figure E-28
Top Edge Spatial Separation for Antenna 3a and Antenna 4



E.4.3 Right Edge Spatial Separation Analysis

Figure E-29
Right Edge Spatial Separation for Antenna 2a and Antenna 3a



E.4.4 Left Edge Spatial Separation Analysis

Figure E-30
Left Edge Spatial Separation for Antenna 1a and Antenna 4



E.5 Simultaneous Transmission Conclusion

The above numerical summed SAR results for all the worst-case simultaneous transmission conditions were below the SAR limit. Therefore, the above analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D04v01 and IEEE 1528-2013 Section 6.3.4.1.2.