

APPENDIX F: MULTI-TX AND ANTENNA RF EXPOSURE CONSIDERATIONS

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F.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.

F.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. Alternatively, simultaneous transmission SAR test exclusion may be evaluated using Total Exposure Ratio (TER).

Note:

This device is enabled with the manufacturer's time-averaged method of Tx power control for cellular and connectivity radios (WiFi, Bluetooth, NB U-NII and 802.15.4). Co-located connectivity cellular and connectivity antennas with significant overlap of RF exposure hotspots are grouped into a single cluster. There are two predefined cellular antenna clusters (AC): AC1 (Ant 3a and Ant 3b), AC2 (Ant 1a and Ant 1b). Also, there are two pre-defined connectivity antenna clusters: AC1 (Ant 3a and Ant WF5T), and AC2 (Ant 1a, Ant 1b, and Ant WF5B).

This device also supports a dynamic budget sharing algorithm. It enables separate budget caps for the power state 1 and power state 2 use conditions. In power state 1 operation, the cellular radio is active; in cellular simultaneous operation, other radios (i.e. connectivity antennas) are operational concurrently. Additionally, connectivity radios have two different budget conditions depending on the cellular budget caps. When the cellular budget is 1.0 W/kg, the connectivity budget is 0.6 W/kg. However, when the cellular budget is 1.2 W/kg, the connectivity budget is 0.4 W/kg. Both cellular and connectivity antenna budgets were evaluated for simultaneous scenarios compliance.

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

When operating in the same antenna cluster, the compliance under dynamic transmission conditions, including all supported simultaneous transmission scenarios, should be assessed and demonstrated in the Time-Averaged SAR Validation FCC Licensed TAS and the FCC TAS Connectivity Validation Report during algorithm validation. This applies to multiple antennas in the same antenna cluster or different modes transmitting simultaneously in the same antenna cluster. For the evaluation of simultaneous transmission analysis in this report, the highest SAR value across all modes in the same antenna cluster was considered for summation and most conservative to determine simultaneous SAR test exclusions.

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 were treated independently for this configuration. See section E.4 for more information about the Spatial Separation Analysis

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.

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F.3 Body SAR Simultaneous Transmission Analysis

Table F-1

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.249	0.056	0.039	0.000	0.810*	0.992*
	Top	0.027	0.014	0.135	0.012	0.000	0.001	0.000	0.175	0.162
	Bottom	0.197	0.739	0.009	0.121	0.001	0.000	0.000	0.327	0.869
	Right	0.010	0.026	0.197	0.002	0.023	0.013	0.000	0.243	0.259
	Left	0.737	0.044	0.002	0.232	0.250	0.248	0.000	0.987*	0.544

Table F-2

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.360	0.072	0.124	0.000	0.828*	0.984*
	Top	0.023	0.012	0.379	0.018	0.000	0.007	0.000	0.427	0.416
	Bottom	0.164	0.621	0.047	0.174	0.001	0.000	0.000	0.385	0.842
	Right	0.008	0.023	0.593	0.003	0.030	0.042	0.000	0.673	0.688
	Left	0.621	0.039	0.009	0.335	0.371	0.744	0.000	0.992*	0.753*

Table F-3

Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.249	0.056	0.039	0.000	0.746*
	Top	0.043	0.135	0.012	0.000	0.001	0.000	0.191
	Bottom	0.746	0.009	0.121	0.001	0.000	0.000	0.876
	Right	0.736	0.197	0.002	0.023	0.013	0.000	0.969
	Left	0.024	0.002	0.232	0.250	0.248	0.000	0.524

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Table F-4
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.360	0.072	0.124	0.000	0.744*
	Top	0.037	0.379	0.018	0.000	0.007	0.000	0.441
	Bottom	0.624	0.047	0.174	0.001	0.000	0.000	0.845
	Right	0.612	0.593	0.003	0.030	0.042	0.000	0.642*
	Left	0.021	0.009	0.335	0.371	0.744	0.000	0.753*

Table F-5
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.249	0.056	0.039	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.012	0.000	0.001	0.000	0.670	0.749
	Bottom	0.055	0.036	0.009	0.121	0.001	0.000	0.000	0.185	0.166
	Right	0.709	0.105	0.197	0.002	0.023	0.013	0.000	0.942	0.338
	Left	0.011	0.046	0.002	0.232	0.250	0.248	0.000	0.511	0.546

Table F-6
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	5 GHz WIFI Ant WF5B ER	5 GHz WIFI Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.713	0.078	0.124	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.034	0.000	0.007	0.000	0.670	0.745
	Bottom	0.047	0.030	0.014	0.305	0.009	0.000	0.000	0.366	0.349
	Right	0.589	0.088	0.284	0.004	0.049	0.042	0.000	0.964	0.463
	Left	0.009	0.039	0.003	0.651	0.539	0.744	0.000	0.744*	0.744*

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Table F-7
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.249	0.056	0.039	0.000	0.745*
	Top	0.743	0.135	0.012	0.000	0.001	0.000	0.891
	Bottom	0.079	0.009	0.121	0.001	0.000	0.000	0.209
	Right	0.088	0.197	0.002	0.023	0.013	0.000	0.321
	Left	0.726	0.002	0.232	0.250	0.248	0.000	0.728*

Table F-8
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	5 GHz WIFI Ant WF5B ER	5 GHz WIFI Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.713	0.078	0.056	0.000	0.713*
	Top	0.624	0.195	0.034	0.000	0.001	0.000	0.854
	Bottom	0.066	0.014	0.305	0.009	0.000	0.000	0.385
	Right	0.073	0.284	0.004	0.049	0.018	0.000	0.424
	Left	0.618	0.003	0.651	0.539	0.370	0.000	0.651*

Table F-9
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.249	0.247	0.039	0.000	0.810*	0.992*
	Top	0.027	0.014	0.135	0.012	0.000	0.001	0.000	0.175	0.162
	Bottom	0.197	0.739	0.009	0.121	0.245	0.000	0.000	0.451	0.993
	Right	0.010	0.026	0.197	0.002	0.010	0.013	0.000	0.230	0.246
	Left	0.737	0.044	0.002	0.232	0.018	0.248	0.000	0.969*	0.526

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Table F-10
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	5 GHz WIFI Ant 1b Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.360	0.366	0.124	0.000	0.834*	0.990*
	Top	0.023	0.012	0.379	0.018	0.000	0.007	0.000	0.427	0.416
	Bottom	0.164	0.621	0.047	0.174	0.371	0.000	0.000	0.582	0.992*
	Right	0.008	0.023	0.593	0.003	0.015	0.042	0.000	0.658	0.673
	Left	0.621	0.039	0.009	0.335	0.026	0.744	0.000	0.956*	0.753*

Table F-11
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.249	0.247	0.039	0.000	0.746*
	Top	0.043	0.135	0.012	0.000	0.001	0.000	0.191
	Bottom	0.746	0.009	0.121	0.245	0.000	0.000	0.755*
	Right	0.736	0.197	0.002	0.010	0.013	0.000	0.956
	Left	0.024	0.002	0.232	0.018	0.248	0.000	0.506

Table F-12
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	5 GHz WIFI Ant 1b Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.360	0.366	0.124	0.000	0.744*
	Top	0.037	0.379	0.018	0.000	0.007	0.000	0.441
	Bottom	0.624	0.047	0.174	0.371	0.000	0.000	0.671*
	Right	0.612	0.593	0.003	0.015	0.042	0.000	0.627*
	Left	0.021	0.009	0.335	0.026	0.744	0.000	0.753*

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Table F-13
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.249	0.247	0.039	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.012	0.000	0.001	0.000	0.670	0.749
	Bottom	0.055	0.036	0.009	0.121	0.245	0.000	0.000	0.309	0.290
	Right	0.709	0.105	0.197	0.002	0.010	0.013	0.000	0.929	0.325
	Left	0.011	0.046	0.002	0.232	0.018	0.248	0.000	0.493	0.528

Table F-14
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.713	0.742	0.124	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.034	0.006	0.007	0.000	0.670	0.745
	Bottom	0.047	0.030	0.014	0.305	0.527	0.000	0.000	0.588	0.571
	Right	0.589	0.088	0.284	0.004	0.024	0.042	0.000	0.939	0.438
	Left	0.009	0.039	0.003	0.651	0.056	0.744	0.000	0.744*	0.744*

Table F-15
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.249	0.247	0.039	0.000	0.745*
	Top	0.743	0.135	0.012	0.000	0.001	0.000	0.891
	Bottom	0.079	0.009	0.121	0.245	0.000	0.000	0.333
	Right	0.088	0.197	0.002	0.010	0.013	0.000	0.308
	Left	0.726	0.002	0.232	0.018	0.248	0.000	0.728*

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Table F-16
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.713	0.742	0.056	0.000	0.742*
	Top	0.624	0.195	0.034	0.006	0.001	0.000	0.854
	Bottom	0.066	0.014	0.305	0.527	0.000	0.000	0.607
	Right	0.073	0.284	0.004	0.024	0.018	0.000	0.399
	Left	0.618	0.003	0.651	0.056	0.370	0.000	0.651*

Table F-17
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.249	0.024	0.021	0.000	0.810*	0.992*
	Top	0.027	0.014	0.135	0.012	0.000	0.000	0.000	0.174	0.161
	Bottom	0.197	0.739	0.009	0.121	0.015	0.000	0.000	0.327	0.869
	Right	0.010	0.026	0.197	0.002	0.011	0.017	0.000	0.235	0.251
	Left	0.737	0.044	0.002	0.232	0.249	0.248	0.000	0.986*	0.543

Table F-18
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	6 GHz WIFI Ant WF5B Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.360	0.028	0.028	0.000	0.828*	0.984*
	Top	0.023	0.012	0.379	0.018	0.000	0.000	0.000	0.420	0.409
	Bottom	0.164	0.621	0.047	0.174	0.017	0.000	0.000	0.385	0.842
	Right	0.008	0.023	0.593	0.003	0.013	0.023	0.000	0.637	0.652
	Left	0.621	0.039	0.009	0.335	0.279	0.334	0.000	0.956*	0.717

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Table F-19
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.249	0.024	0.021	0.000	0.746*
	Top	0.043	0.135	0.012	0.000	0.000	0.000	0.190
	Bottom	0.746	0.009	0.121	0.015	0.000	0.000	0.876
	Right	0.736	0.197	0.002	0.011	0.017	0.000	0.961
	Left	0.024	0.002	0.232	0.249	0.248	0.000	0.523

Table F-20
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	6 GHz WIFI Ant WF5B Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.360	0.028	0.028	0.000	0.744*
	Top	0.037	0.379	0.018	0.000	0.000	0.000	0.434
	Bottom	0.624	0.047	0.174	0.017	0.000	0.000	0.845
	Right	0.612	0.593	0.003	0.013	0.023	0.000	0.625*
	Left	0.021	0.009	0.335	0.279	0.334	0.000	0.699

Table F-21
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.249	0.024	0.021	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.012	0.000	0.000	0.000	0.669	0.748
	Bottom	0.055	0.036	0.009	0.121	0.015	0.000	0.000	0.185	0.166
	Right	0.709	0.105	0.197	0.002	0.011	0.017	0.000	0.934	0.330
	Left	0.011	0.046	0.002	0.232	0.249	0.248	0.000	0.510	0.545

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Table F-22
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	6 GHz WIFI Ant WF5B ER	6 GHz WIFI Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.713	0.028	0.028	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.034	0.000	0.000	0.000	0.663	0.738
	Bottom	0.047	0.030	0.014	0.305	0.017	0.000	0.000	0.366	0.349
	Right	0.589	0.088	0.284	0.004	0.013	0.023	0.000	0.909	0.408
	Left	0.009	0.039	0.003	0.651	0.279	0.334	0.000	0.651*	0.651*

Table F-23
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.249	0.024	0.021	0.000	0.745*
	Top	0.743	0.135	0.012	0.000	0.000	0.000	0.890
	Bottom	0.079	0.009	0.121	0.015	0.000	0.000	0.209
	Right	0.088	0.197	0.002	0.011	0.017	0.000	0.313
	Left	0.726	0.002	0.232	0.249	0.248	0.000	0.728*

Table F-24
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	6 GHz WIFI Ant WF5B ER	6 GHz WIFI Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.713	0.028	0.028	0.000	0.713*
	Top	0.624	0.195	0.034	0.000	0.000	0.000	0.853
	Bottom	0.066	0.014	0.305	0.017	0.000	0.000	0.385
	Right	0.073	0.284	0.004	0.013	0.023	0.000	0.393
	Left	0.618	0.003	0.651	0.279	0.334	0.000	0.651*

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Table F-25
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.249	0.248	0.021	0.000	0.810*	0.992*
	Top	0.027	0.014	0.135	0.012	0.003	0.000	0.000	0.174	0.161
	Bottom	0.197	0.739	0.009	0.121	0.168	0.000	0.000	0.374	0.916
	Right	0.010	0.026	0.197	0.002	0.018	0.017	0.000	0.242	0.258
	Left	0.737	0.044	0.002	0.232	0.051	0.248	0.000	0.969*	0.526

Table F-26
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	6 GHz WIFI Ant 1b Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.360	0.351	0.028	0.000	0.828*	0.984*
	Top	0.023	0.012	0.379	0.018	0.003	0.000	0.000	0.420	0.409
	Bottom	0.164	0.621	0.047	0.174	0.236	0.000	0.000	0.447	0.904
	Right	0.008	0.023	0.593	0.003	0.024	0.023	0.000	0.648	0.663
	Left	0.621	0.039	0.009	0.335	0.073	0.334	0.000	0.956*	0.717

Table F-27
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.249	0.248	0.021	0.000	0.746*
	Top	0.043	0.135	0.012	0.003	0.000	0.000	0.190
	Bottom	0.746	0.009	0.121	0.168	0.000	0.000	0.923
	Right	0.736	0.197	0.002	0.018	0.017	0.000	0.968
	Left	0.024	0.002	0.232	0.051	0.248	0.000	0.506

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Table F-28
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	6 GHz WIFI Ant 1b Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.360	0.351	0.028	0.000	0.744*
	Top	0.037	0.379	0.018	0.003	0.000	0.000	0.434
	Bottom	0.624	0.047	0.174	0.236	0.000	0.000	0.907
	Right	0.612	0.593	0.003	0.024	0.023	0.000	0.636*
	Left	0.021	0.009	0.335	0.073	0.334	0.000	0.699

Table F-29
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.249	0.248	0.021	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.012	0.003	0.000	0.000	0.669	0.748
	Bottom	0.055	0.036	0.009	0.121	0.168	0.000	0.000	0.232	0.213
	Right	0.709	0.105	0.197	0.002	0.018	0.017	0.000	0.941	0.337
	Left	0.011	0.046	0.002	0.232	0.051	0.248	0.000	0.493	0.528

Table F-30
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.713	0.351	0.028	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.034	0.003	0.000	0.000	0.663	0.738
	Bottom	0.047	0.030	0.014	0.305	0.236	0.000	0.000	0.366	0.349
	Right	0.589	0.088	0.284	0.004	0.024	0.023	0.000	0.920	0.419
	Left	0.009	0.039	0.003	0.651	0.073	0.334	0.000	0.651*	0.651*

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Table F-31
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.249	0.248	0.021	0.000	0.745*
	Top	0.743	0.135	0.012	0.003	0.000	0.000	0.890
	Bottom	0.079	0.009	0.121	0.168	0.000	0.000	0.256
	Right	0.088	0.197	0.002	0.018	0.017	0.000	0.320
	Left	0.726	0.002	0.232	0.051	0.248	0.000	0.728*

Table F-32
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.713	0.351	0.028	0.000	0.713*
	Top	0.624	0.195	0.034	0.003	0.000	0.000	0.853
	Bottom	0.066	0.014	0.305	0.236	0.000	0.000	0.385
	Right	0.073	0.284	0.004	0.024	0.023	0.000	0.404
	Left	0.618	0.003	0.651	0.073	0.334	0.000	0.651*

Table F-33
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.246	0.031	0.043	0.000	0.807*	0.989*
	Top	0.027	0.014	0.106	0.010	0.000	0.000	0.000	0.143	0.130
	Bottom	0.197	0.739	0.005	0.131	0.004	0.000	0.000	0.333	0.875
	Right	0.010	0.026	0.207	0.002	0.005	0.005	0.000	0.227	0.243
	Left	0.737	0.044	0.003	0.227	0.248	0.249	0.000	0.985*	0.544

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Table F-34
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	NB UNII Ant WF5B Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.663	0.356	0.044	0.086	0.000	0.824*	0.980*
	Top	0.023	0.012	0.261	0.014	0.000	0.005	0.000	0.303	0.292
	Bottom	0.164	0.621	0.013	0.189	0.006	0.000	0.000	0.366	0.823
	Right	0.008	0.023	0.566	0.003	0.008	0.029	0.000	0.611	0.626
	Left	0.621	0.039	0.007	0.328	0.358	0.741	0.000	0.979*	0.748*

Table F-35
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.246	0.031	0.043	0.000	0.746*
	Top	0.043	0.106	0.010	0.000	0.000	0.000	0.159
	Bottom	0.746	0.005	0.131	0.004	0.000	0.000	0.882
	Right	0.736	0.207	0.002	0.005	0.005	0.000	0.953
	Left	0.024	0.003	0.227	0.248	0.249	0.000	0.524

Table F-36
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	NB UNII Ant WF5B Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.663	0.356	0.044	0.086	0.000	0.663*
	Top	0.037	0.261	0.014	0.000	0.005	0.000	0.317
	Bottom	0.624	0.013	0.189	0.006	0.000	0.000	0.826
	Right	0.612	0.566	0.003	0.008	0.029	0.000	0.620*
	Left	0.021	0.007	0.328	0.358	0.741	0.000	0.748*

Table F-37
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.246	0.031	0.043	0.000	0.990*	0.991*
	Top	0.522	0.601	0.106	0.010	0.000	0.000	0.000	0.638	0.717
	Bottom	0.055	0.036	0.005	0.131	0.004	0.000	0.000	0.191	0.172
	Right	0.709	0.105	0.207	0.002	0.005	0.005	0.000	0.926	0.322
	Left	0.011	0.046	0.003	0.227	0.248	0.249	0.000	0.511	0.546

Table F-38
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a ER	NB UNII Ant WF5B ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.348	0.712	0.051	0.086	0.000	0.972*	0.972*
	Top	0.434	0.509	0.150	0.029	0.000	0.005	0.000	0.618	0.693
	Bottom	0.047	0.030	0.007	0.358	0.011	0.000	0.000	0.412	0.395
	Right	0.589	0.088	0.293	0.004	0.019	0.029	0.000	0.930	0.429
	Left	0.009	0.039	0.003	0.647	0.548	0.741	0.000	0.741*	0.741*

Table F-39
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.246	0.031	0.043	0.000	0.745*
	Top	0.743	0.106	0.010	0.000	0.000	0.000	0.859
	Bottom	0.079	0.005	0.131	0.004	0.000	0.000	0.215
	Right	0.088	0.207	0.002	0.005	0.005	0.000	0.305
	Left	0.726	0.003	0.227	0.248	0.249	0.000	0.729*

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Table F-40
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a ER	NB UNII Ant WF5B ER	NB UNII Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.348	0.712	0.051	0.055	0.000	0.712*
	Top	0.624	0.150	0.029	0.000	0.000	0.000	0.803
	Bottom	0.066	0.007	0.358	0.011	0.000	0.000	0.431
	Right	0.073	0.293	0.004	0.019	0.006	0.000	0.391
	Left	0.618	0.003	0.647	0.548	0.321	0.000	0.647*

Table F-41
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.246	0.245	0.043	0.000	0.807*	0.989*
	Top	0.027	0.014	0.106	0.010	0.000	0.000	0.000	0.143	0.130
	Bottom	0.197	0.739	0.005	0.131	0.148	0.000	0.000	0.350	0.892
	Right	0.010	0.026	0.207	0.002	0.006	0.005	0.000	0.228	0.244
	Left	0.737	0.044	0.003	0.227	0.007	0.249	0.000	0.964*	0.523

Table F-42
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	NB UNII Ant 1b Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.663	0.356	0.371	0.086	0.000	0.839*	0.995*
	Top	0.023	0.012	0.261	0.014	0.000	0.005	0.000	0.303	0.292
	Bottom	0.164	0.621	0.013	0.189	0.224	0.000	0.000	0.401	0.858
	Right	0.008	0.023	0.566	0.003	0.008	0.029	0.000	0.611	0.626
	Left	0.621	0.039	0.007	0.328	0.011	0.741	0.000	0.949*	0.748*

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Table F-43
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.246	0.245	0.043	0.000	0.746*
	Top	0.043	0.106	0.010	0.000	0.000	0.000	0.159
	Bottom	0.746	0.005	0.131	0.148	0.000	0.000	0.899
	Right	0.736	0.207	0.002	0.006	0.005	0.000	0.954
	Left	0.024	0.003	0.227	0.007	0.249	0.000	0.503

Table F-44
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz Bluetooth Ant 3a ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	NB UNII Ant 1b Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.663	0.356	0.371	0.086	0.000	0.663*
	Top	0.037	0.261	0.014	0.000	0.005	0.000	0.317
	Bottom	0.624	0.013	0.189	0.224	0.000	0.000	0.861
	Right	0.612	0.566	0.003	0.008	0.029	0.000	0.620*
	Left	0.021	0.007	0.328	0.011	0.741	0.000	0.748*

Table F-45
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.246	0.245	0.043	0.000	0.990*	0.991*
	Top	0.522	0.601	0.106	0.010	0.000	0.000	0.000	0.638	0.717
	Bottom	0.055	0.036	0.005	0.131	0.148	0.000	0.000	0.208	0.189
	Right	0.709	0.105	0.207	0.002	0.006	0.005	0.000	0.927	0.323
	Left	0.011	0.046	0.003	0.227	0.007	0.249	0.000	0.490	0.525

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Table F-46
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a ER	NB UNII Ant 1b ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.348	0.712	0.746	0.086	0.000	0.972*	0.972*
	Top	0.434	0.509	0.150	0.029	0.000	0.005	0.000	0.618	0.693
	Bottom	0.047	0.030	0.007	0.358	0.464	0.000	0.000	0.518	0.501
	Right	0.589	0.088	0.293	0.004	0.033	0.029	0.000	0.944	0.443
	Left	0.009	0.039	0.003	0.647	0.034	0.741	0.000	0.741*	0.741*

Table F-47
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.246	0.245	0.043	0.000	0.745*
	Top	0.743	0.106	0.010	0.000	0.000	0.000	0.859
	Bottom	0.079	0.005	0.131	0.148	0.000	0.000	0.232
	Right	0.088	0.207	0.002	0.006	0.005	0.000	0.306
	Left	0.726	0.003	0.227	0.007	0.249	0.000	0.729*

Table F-48
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a ER	NB UNII Ant 1b ER	NB UNII Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.348	0.712	0.746	0.055	0.000	0.746*
	Top	0.624	0.150	0.029	0.000	0.000	0.000	0.803
	Bottom	0.066	0.007	0.358	0.464	0.000	0.000	0.537
	Right	0.073	0.293	0.004	0.033	0.006	0.000	0.405
	Left	0.618	0.003	0.647	0.034	0.321	0.000	0.647*

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Table F-49
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.249	0.031	0.043	0.000	0.810*	0.992*
	Top	0.027	0.014	0.135	0.012	0.000	0.000	0.000	0.174	0.161
	Bottom	0.197	0.739	0.009	0.121	0.004	0.000	0.000	0.327	0.869
	Right	0.010	0.026	0.197	0.002	0.005	0.005	0.000	0.217	0.233
	Left	0.737	0.044	0.002	0.232	0.248	0.249	0.000	0.985*	0.543

Table F-50
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	NB UNII Ant WF5B Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.360	0.044	0.086	0.000	0.828*	0.984*
	Top	0.023	0.012	0.379	0.018	0.000	0.005	0.000	0.425	0.414
	Bottom	0.164	0.621	0.047	0.174	0.006	0.000	0.000	0.385	0.842
	Right	0.008	0.023	0.593	0.003	0.008	0.029	0.000	0.638	0.653
	Left	0.621	0.039	0.009	0.335	0.358	0.741	0.000	0.979*	0.750*

Table F-51
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.249	0.031	0.043	0.000	0.746*
	Top	0.043	0.135	0.012	0.000	0.000	0.000	0.190
	Bottom	0.746	0.009	0.121	0.004	0.000	0.000	0.876
	Right	0.736	0.197	0.002	0.005	0.005	0.000	0.943
	Left	0.024	0.002	0.232	0.248	0.249	0.000	0.523

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Table F-52
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	NB UNII Ant WF5B Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.360	0.044	0.086	0.000	0.744*
	Top	0.037	0.379	0.018	0.000	0.005	0.000	0.439
	Bottom	0.624	0.047	0.174	0.006	0.000	0.000	0.845
	Right	0.612	0.593	0.003	0.008	0.029	0.000	0.620*
	Left	0.021	0.009	0.335	0.358	0.741	0.000	0.750*

Table F-53
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.249	0.031	0.043	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.012	0.000	0.000	0.000	0.669	0.748
	Bottom	0.055	0.036	0.009	0.121	0.004	0.000	0.000	0.185	0.166
	Right	0.709	0.105	0.197	0.002	0.005	0.005	0.000	0.916	0.312
	Left	0.011	0.046	0.002	0.232	0.248	0.249	0.000	0.510	0.545

Table F-54
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	NB UNII Ant WF5B ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.713	0.051	0.086	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.034	0.000	0.005	0.000	0.668	0.743
	Bottom	0.047	0.030	0.014	0.305	0.011	0.000	0.000	0.366	0.349
	Right	0.589	0.088	0.284	0.004	0.019	0.029	0.000	0.921	0.420
	Left	0.009	0.039	0.003	0.651	0.548	0.741	0.000	0.741*	0.741*

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Table F-55
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.249	0.031	0.043	0.000	0.745*
	Top	0.743	0.135	0.012	0.000	0.000	0.000	0.890
	Bottom	0.079	0.009	0.121	0.004	0.000	0.000	0.209
	Right	0.088	0.197	0.002	0.005	0.005	0.000	0.295
	Left	0.726	0.002	0.232	0.248	0.249	0.000	0.728*

Table F-56
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	NB UNII Ant WF5B ER	NB UNII Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.713	0.051	0.055	0.000	0.713*
	Top	0.624	0.195	0.034	0.000	0.000	0.000	0.853
	Bottom	0.066	0.014	0.305	0.011	0.000	0.000	0.385
	Right	0.073	0.284	0.004	0.019	0.006	0.000	0.382
	Left	0.618	0.003	0.651	0.548	0.321	0.000	0.651*

Table F-57
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.249	0.245	0.043	0.000	0.810*	0.992*
	Top	0.027	0.014	0.135	0.012	0.000	0.000	0.000	0.174	0.161
	Bottom	0.197	0.739	0.009	0.121	0.148	0.000	0.000	0.354	0.896
	Right	0.010	0.026	0.197	0.002	0.006	0.005	0.000	0.218	0.234
	Left	0.737	0.044	0.002	0.232	0.007	0.249	0.000	0.969*	0.527

Table F-58
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	NB UNII Ant 1b Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.360	0.371	0.086	0.000	0.839*	0.995*
	Top	0.023	0.012	0.379	0.018	0.000	0.005	0.000	0.425	0.414
	Bottom	0.164	0.621	0.047	0.174	0.224	0.000	0.000	0.435	0.892
	Right	0.008	0.023	0.593	0.003	0.008	0.029	0.000	0.638	0.653
	Left	0.621	0.039	0.009	0.335	0.011	0.741	0.000	0.956*	0.750*

Table F-59
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.249	0.245	0.043	0.000	0.746*
	Top	0.043	0.135	0.012	0.000	0.000	0.000	0.190
	Bottom	0.746	0.009	0.121	0.148	0.000	0.000	0.903
	Right	0.736	0.197	0.002	0.006	0.005	0.000	0.944
	Left	0.024	0.002	0.232	0.007	0.249	0.000	0.507

Table F-60
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	NB UNII Ant 1b Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.360	0.371	0.086	0.000	0.744*
	Top	0.037	0.379	0.018	0.000	0.005	0.000	0.439
	Bottom	0.624	0.047	0.174	0.224	0.000	0.000	0.895
	Right	0.612	0.593	0.003	0.008	0.029	0.000	0.620*
	Left	0.021	0.009	0.335	0.011	0.741	0.000	0.750*

Table F-61
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.249	0.245	0.043	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.012	0.000	0.000	0.000	0.669	0.748
	Bottom	0.055	0.036	0.009	0.121	0.148	0.000	0.000	0.212	0.193
	Right	0.709	0.105	0.197	0.002	0.006	0.005	0.000	0.917	0.313
	Left	0.011	0.046	0.002	0.232	0.007	0.249	0.000	0.494	0.529

Table F-62
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	NB UNII Ant 1b ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.713	0.746	0.086	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.034	0.000	0.005	0.000	0.668	0.743
	Bottom	0.047	0.030	0.014	0.305	0.464	0.000	0.000	0.525	0.508
	Right	0.589	0.088	0.284	0.004	0.033	0.029	0.000	0.935	0.434
	Left	0.009	0.039	0.003	0.651	0.034	0.741	0.000	0.741*	0.741*

Table F-63
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.249	0.245	0.043	0.000	0.745*
	Top	0.743	0.135	0.012	0.000	0.000	0.000	0.890
	Bottom	0.079	0.009	0.121	0.148	0.000	0.000	0.236
	Right	0.088	0.197	0.002	0.006	0.005	0.000	0.296
	Left	0.726	0.002	0.232	0.007	0.249	0.000	0.728*

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Table F-64
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz WIFI Ant 1a ER	NB UNII Ant 1b ER	NB UNII Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.713	0.746	0.055	0.000	0.746*
	Top	0.624	0.195	0.034	0.000	0.000	0.000	0.853
	Bottom	0.066	0.014	0.305	0.464	0.000	0.000	0.544
	Right	0.073	0.284	0.004	0.033	0.006	0.000	0.396
	Left	0.618	0.003	0.651	0.034	0.321	0.000	0.651*

Table F-65
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.039	0.056	0.246	0.246	0.000	0.807*	0.989*
	Top	0.027	0.014	0.001	0.000	0.010	0.106	0.000	0.144	0.131
	Bottom	0.197	0.739	0.000	0.001	0.131	0.005	0.000	0.333	0.875
	Right	0.010	0.026	0.013	0.023	0.002	0.207	0.000	0.253	0.269
	Left	0.737	0.044	0.248	0.250	0.227	0.003	0.000	0.987*	0.545

Table F-66
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.124	0.072	0.356	0.663	0.000	0.824*	0.980*
	Top	0.023	0.012	0.007	0.000	0.014	0.261	0.000	0.305	0.294
	Bottom	0.164	0.621	0.000	0.001	0.189	0.013	0.000	0.366	0.823
	Right	0.008	0.023	0.042	0.030	0.003	0.566	0.000	0.646	0.661
	Left	0.621	0.039	0.744	0.371	0.328	0.007	0.000	0.992*	0.751*

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Table F-67
Cellular Band Ant 2 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.039	0.056	0.246	0.246	0.000	0.746*
	Top	0.043	0.001	0.000	0.010	0.106	0.000	0.160
	Bottom	0.746	0.000	0.001	0.131	0.005	0.000	0.882
	Right	0.736	0.013	0.023	0.002	0.207	0.000	0.979
	Left	0.024	0.248	0.250	0.227	0.003	0.000	0.525

Table F-68
Cellular Band Ant 2 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.124	0.072	0.356	0.663	0.000	0.663*
	Top	0.037	0.007	0.000	0.014	0.261	0.000	0.319
	Bottom	0.624	0.000	0.001	0.189	0.013	0.000	0.826
	Right	0.612	0.042	0.030	0.003	0.566	0.000	0.642*
	Left	0.021	0.744	0.371	0.328	0.007	0.000	0.751*

Table F-69
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.039	0.056	0.246	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.001	0.000	0.010	0.106	0.000	0.639	0.718
	Bottom	0.055	0.036	0.000	0.001	0.131	0.005	0.000	0.191	0.172
	Right	0.709	0.105	0.013	0.023	0.002	0.207	0.000	0.952	0.348
	Left	0.011	0.046	0.248	0.250	0.227	0.003	0.000	0.512	0.547

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Table F-70
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant WF5B ER	2.4 GHz Bluetooth Ant 1a ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.124	0.078	0.712	0.348	0.000	0.972*	0.972*
	Top	0.434	0.509	0.007	0.000	0.029	0.150	0.000	0.620	0.695
	Bottom	0.047	0.030	0.000	0.009	0.358	0.007	0.000	0.412	0.395
	Right	0.589	0.088	0.042	0.049	0.004	0.293	0.000	0.973	0.472
	Left	0.009	0.039	0.744	0.539	0.647	0.003	0.000	0.744*	0.744*

Table F-71
Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.039	0.056	0.246	0.246	0.000	0.745*
	Top	0.743	0.001	0.000	0.010	0.106	0.000	0.860
	Bottom	0.079	0.000	0.001	0.131	0.005	0.000	0.215
	Right	0.088	0.013	0.023	0.002	0.207	0.000	0.331
	Left	0.726	0.248	0.250	0.227	0.003	0.000	0.729*

Table F-72
Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	5 GHz WIFI Ant WF5T Reduced to 0.375 ER	5 GHz WIFI Ant WF5B ER	2.4 GHz Bluetooth Ant 1a ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.056	0.078	0.712	0.348	0.000	0.712*
	Top	0.624	0.001	0.000	0.029	0.150	0.000	0.804
	Bottom	0.066	0.000	0.009	0.358	0.007	0.000	0.431
	Right	0.073	0.018	0.049	0.004	0.293	0.000	0.433
	Left	0.618	0.370	0.539	0.647	0.003	0.000	0.647*

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Table F-73

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.021	0.024	0.246	0.246	0.000	0.807*	0.989*
	Top	0.027	0.014	0.000	0.000	0.010	0.106	0.000	0.143	0.130
	Bottom	0.197	0.739	0.000	0.015	0.131	0.005	0.000	0.333	0.875
	Right	0.010	0.026	0.017	0.011	0.002	0.207	0.000	0.245	0.261
	Left	0.737	0.044	0.248	0.249	0.227	0.003	0.000	0.986*	0.544

Table F-74

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.028	0.028	0.356	0.663	0.000	0.824*	0.980*
	Top	0.023	0.012	0.000	0.000	0.014	0.261	0.000	0.298	0.287
	Bottom	0.164	0.621	0.000	0.017	0.189	0.013	0.000	0.366	0.823
	Right	0.008	0.023	0.023	0.013	0.003	0.566	0.000	0.610	0.625
	Left	0.621	0.039	0.334	0.279	0.328	0.007	0.000	0.949*	0.708

Table F-75

Cellular Band Ant 2 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.021	0.024	0.246	0.246	0.000	0.746*
	Top	0.043	0.000	0.000	0.010	0.106	0.000	0.159
	Bottom	0.746	0.000	0.015	0.131	0.005	0.000	0.882
	Right	0.736	0.017	0.011	0.002	0.207	0.000	0.971
	Left	0.024	0.248	0.249	0.227	0.003	0.000	0.524

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Table F-76
Cellular Band Ant 2 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.028	0.028	0.356	0.663	0.000	0.663*
	Top	0.037	0.000	0.000	0.014	0.261	0.000	0.312
	Bottom	0.624	0.000	0.017	0.189	0.013	0.000	0.826
	Right	0.612	0.023	0.013	0.003	0.566	0.000	0.625*
	Left	0.021	0.334	0.279	0.328	0.007	0.000	0.690

Table F-77
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.021	0.024	0.246	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.000	0.000	0.010	0.106	0.000	0.638	0.717
	Bottom	0.055	0.036	0.000	0.015	0.131	0.005	0.000	0.191	0.172
	Right	0.709	0.105	0.017	0.011	0.002	0.207	0.000	0.944	0.340
	Left	0.011	0.046	0.248	0.249	0.227	0.003	0.000	0.511	0.546

Table F-78
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant WF5B ER	2.4 GHz Bluetooth Ant 1a ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.028	0.028	0.712	0.348	0.000	0.972*	0.972*
	Top	0.434	0.509	0.000	0.000	0.029	0.150	0.000	0.613	0.688
	Bottom	0.047	0.030	0.000	0.017	0.358	0.007	0.000	0.412	0.395
	Right	0.589	0.088	0.023	0.013	0.004	0.293	0.000	0.918	0.417
	Left	0.009	0.039	0.334	0.279	0.647	0.003	0.000	0.993	0.647*

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Table F-79
Cellular Band Ant 4 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.021	0.024	0.246	0.246	0.000	0.745*
	Top	0.743	0.000	0.000	0.010	0.106	0.000	0.859
	Bottom	0.079	0.000	0.015	0.131	0.005	0.000	0.215
	Right	0.088	0.017	0.011	0.002	0.207	0.000	0.323
	Left	0.726	0.248	0.249	0.227	0.003	0.000	0.729*

Table F-80
Cellular Band Ant 4 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	6 GHz WIFI Ant WF5T Reduced to 0.375 ER	6 GHz WIFI Ant WF5B ER	2.4 GHz Bluetooth Ant 1a ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.028	0.028	0.712	0.348	0.000	0.712*
	Top	0.624	0.000	0.000	0.029	0.150	0.000	0.803
	Bottom	0.066	0.000	0.017	0.358	0.007	0.000	0.431
	Right	0.073	0.023	0.013	0.004	0.293	0.000	0.402
	Left	0.618	0.334	0.279	0.647	0.003	0.000	0.647*

Table F-81
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.039	0.247	0.246	0.246	0.000	0.808*	0.990*
	Top	0.027	0.014	0.001	0.000	0.010	0.106	0.000	0.144	0.131
	Bottom	0.197	0.739	0.000	0.245	0.131	0.005	0.000	0.447	0.989
	Right	0.010	0.026	0.013	0.010	0.002	0.207	0.000	0.240	0.256
	Left	0.737	0.044	0.248	0.018	0.227	0.003	0.000	0.964*	0.522

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Table F-82
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.124	0.366	0.356	0.663	0.000	0.834*	0.990*
	Top	0.023	0.012	0.007	0.000	0.014	0.261	0.000	0.305	0.294
	Bottom	0.164	0.621	0.000	0.371	0.189	0.013	0.000	0.548	0.992*
	Right	0.008	0.023	0.042	0.015	0.003	0.566	0.000	0.631	0.646
	Left	0.621	0.039	0.744	0.026	0.328	0.007	0.000	0.949*	0.751*

Table F-83
Cellular Band Ant 2 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.039	0.247	0.246	0.246	0.000	0.746*
	Top	0.043	0.001	0.000	0.010	0.106	0.000	0.160
	Bottom	0.746	0.000	0.245	0.131	0.005	0.000	0.996
	Right	0.736	0.013	0.010	0.002	0.207	0.000	0.966
	Left	0.024	0.248	0.018	0.227	0.003	0.000	0.502

Table F-84
Cellular Band Ant 2 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.124	0.366	0.356	0.663	0.000	0.663*
	Top	0.037	0.007	0.000	0.014	0.261	0.000	0.319
	Bottom	0.624	0.000	0.371	0.189	0.013	0.000	0.637*
	Right	0.612	0.042	0.015	0.003	0.566	0.000	0.627*
	Left	0.021	0.744	0.026	0.328	0.007	0.000	0.751*

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Table F-85

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.039	0.247	0.246	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.001	0.000	0.010	0.106	0.000	0.639	0.718
	Bottom	0.055	0.036	0.000	0.245	0.131	0.005	0.000	0.305	0.286
	Right	0.709	0.105	0.013	0.010	0.002	0.207	0.000	0.939	0.335
	Left	0.011	0.046	0.248	0.018	0.227	0.003	0.000	0.489	0.524

Table F-86

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant 1b ER	2.4 GHz Bluetooth Ant 1a ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.124	0.742	0.712	0.348	0.000	0.972*	0.972*
	Top	0.434	0.509	0.007	0.006	0.029	0.150	0.000	0.620	0.695
	Bottom	0.047	0.030	0.000	0.527	0.358	0.007	0.000	0.581	0.564
	Right	0.589	0.088	0.042	0.024	0.004	0.293	0.000	0.948	0.447
	Left	0.009	0.039	0.744	0.056	0.647	0.003	0.000	0.744*	0.744*

Table F-87

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.039	0.247	0.246	0.246	0.000	0.745*
	Top	0.743	0.001	0.000	0.010	0.106	0.000	0.860
	Bottom	0.079	0.000	0.245	0.131	0.005	0.000	0.329
	Right	0.088	0.013	0.010	0.002	0.207	0.000	0.318
	Left	0.726	0.248	0.018	0.227	0.003	0.000	0.729*

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Table F-88
Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	5 GHz WIFI Ant WF5T Reduced to 0.375 ER	5 GHz WIFI Ant 1b ER	2.4 GHz Bluetooth Ant 1a ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.056	0.742	0.712	0.348	0.000	0.742*
	Top	0.624	0.001	0.006	0.029	0.150	0.000	0.804
	Bottom	0.066	0.000	0.527	0.358	0.007	0.000	0.600
	Right	0.073	0.018	0.024	0.004	0.293	0.000	0.408
	Left	0.618	0.370	0.056	0.647	0.003	0.000	0.647*

Table F-89
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.021	0.248	0.246	0.246	0.000	0.809*	0.991*
	Top	0.027	0.014	0.000	0.003	0.010	0.106	0.000	0.143	0.130
	Bottom	0.197	0.739	0.000	0.168	0.131	0.005	0.000	0.370	0.912
	Right	0.010	0.026	0.017	0.018	0.002	0.207	0.000	0.252	0.268
	Left	0.737	0.044	0.248	0.051	0.227	0.003	0.000	0.964*	0.522

Table F-90
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.028	0.351	0.356	0.663	0.000	0.824*	0.980*
	Top	0.023	0.012	0.000	0.003	0.014	0.261	0.000	0.298	0.287
	Bottom	0.164	0.621	0.000	0.236	0.189	0.013	0.000	0.413	0.870
	Right	0.008	0.023	0.023	0.024	0.003	0.566	0.000	0.621	0.636
	Left	0.621	0.039	0.334	0.073	0.328	0.007	0.000	0.949*	0.708

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Table F-91
Cellular Band Ant 2 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.021	0.248	0.246	0.246	0.000	0.746*
	Top	0.043	0.000	0.003	0.010	0.106	0.000	0.159
	Bottom	0.746	0.000	0.168	0.131	0.005	0.000	0.919
	Right	0.736	0.017	0.018	0.002	0.207	0.000	0.978
	Left	0.024	0.248	0.051	0.227	0.003	0.000	0.502

Table F-92
Cellular Band Ant 2 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.028	0.351	0.356	0.663	0.000	0.663*
	Top	0.037	0.000	0.003	0.014	0.261	0.000	0.312
	Bottom	0.624	0.000	0.236	0.189	0.013	0.000	0.873
	Right	0.612	0.023	0.024	0.003	0.566	0.000	0.636*
	Left	0.021	0.334	0.073	0.328	0.007	0.000	0.690

Table F-93
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.021	0.248	0.246	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.000	0.003	0.010	0.106	0.000	0.638	0.717
	Bottom	0.055	0.036	0.000	0.168	0.131	0.005	0.000	0.228	0.209
	Right	0.709	0.105	0.017	0.018	0.002	0.207	0.000	0.951	0.347
	Left	0.011	0.046	0.248	0.051	0.227	0.003	0.000	0.489	0.524

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Table F-94

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant 1b ER	2.4 GHz Bluetooth Ant 1a ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.028	0.351	0.712	0.348	0.000	0.972*	0.972*
	Top	0.434	0.509	0.000	0.003	0.029	0.150	0.000	0.613	0.688
	Bottom	0.047	0.030	0.000	0.236	0.358	0.007	0.000	0.412	0.395
	Right	0.589	0.088	0.023	0.024	0.004	0.293	0.000	0.929	0.428
	Left	0.009	0.039	0.334	0.073	0.647	0.003	0.000	0.993	0.647*

Table F-95

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.021	0.248	0.246	0.246	0.000	0.745*
	Top	0.743	0.000	0.003	0.010	0.106	0.000	0.859
	Bottom	0.079	0.000	0.168	0.131	0.005	0.000	0.252
	Right	0.088	0.017	0.018	0.002	0.207	0.000	0.330
	Left	0.726	0.248	0.051	0.227	0.003	0.000	0.729*

Table F-96

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

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	6 GHz WIFI Ant WF5T Reduced to 0.375 ER	6 GHz WIFI Ant 1b ER	2.4 GHz Bluetooth Ant 1a ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.028	0.351	0.712	0.348	0.000	0.712*
	Top	0.624	0.000	0.003	0.029	0.150	0.000	0.803
	Bottom	0.066	0.000	0.236	0.358	0.007	0.000	0.431
	Right	0.073	0.023	0.024	0.004	0.293	0.000	0.413
	Left	0.618	0.334	0.073	0.647	0.003	0.000	0.647*

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Table F-97

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.039	0.056	0.246	0.000	0.807*	0.989*
	Top	0.027	0.014	0.135	0.001	0.000	0.010	0.000	0.173	0.160
	Bottom	0.197	0.739	0.009	0.000	0.001	0.131	0.000	0.337	0.879
	Right	0.010	0.026	0.197	0.013	0.023	0.002	0.000	0.243	0.259
	Left	0.737	0.044	0.002	0.248	0.250	0.227	0.000	0.987*	0.544

Table F-98

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.124	0.072	0.356	0.000	0.824*	0.980*
	Top	0.023	0.012	0.379	0.007	0.000	0.014	0.000	0.423	0.412
	Bottom	0.164	0.621	0.047	0.000	0.001	0.189	0.000	0.400	0.857
	Right	0.008	0.023	0.593	0.042	0.030	0.003	0.000	0.673	0.688
	Left	0.621	0.039	0.009	0.744	0.371	0.328	0.000	0.992*	0.753*

Table F-99

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

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.039	0.056	0.246	0.000	0.746*
	Top	0.043	0.135	0.001	0.000	0.010	0.000	0.189
	Bottom	0.746	0.009	0.000	0.001	0.131	0.000	0.886
	Right	0.736	0.197	0.013	0.023	0.002	0.000	0.969
	Left	0.024	0.002	0.248	0.250	0.227	0.000	0.524

Table F-100

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

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.124	0.072	0.356	0.000	0.744*
	Top	0.037	0.379	0.007	0.000	0.014	0.000	0.437
	Bottom	0.624	0.047	0.000	0.001	0.189	0.000	0.860
	Right	0.612	0.593	0.042	0.030	0.003	0.000	0.642*
	Left	0.021	0.009	0.744	0.371	0.328	0.000	0.753*

Table F-101

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.039	0.056	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.001	0.000	0.010	0.000	0.668	0.747
	Bottom	0.055	0.036	0.009	0.000	0.001	0.131	0.000	0.195	0.176
	Right	0.709	0.105	0.197	0.013	0.023	0.002	0.000	0.942	0.338
	Left	0.011	0.046	0.002	0.248	0.250	0.227	0.000	0.511	0.546

Table F-102

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant WF5B ER	2.4 GHz Bluetooth Ant 1a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.124	0.078	0.712	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.007	0.000	0.029	0.000	0.665	0.740
	Bottom	0.047	0.030	0.014	0.000	0.009	0.358	0.000	0.419	0.402
	Right	0.589	0.088	0.284	0.042	0.049	0.004	0.000	0.964	0.463
	Left	0.009	0.039	0.003	0.744	0.539	0.647	0.000	0.744*	0.744*

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Table F-103

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.039	0.056	0.246	0.000	0.745*
	Top	0.743	0.135	0.001	0.000	0.010	0.000	0.889
	Bottom	0.079	0.009	0.000	0.001	0.131	0.000	0.219
	Right	0.088	0.197	0.013	0.023	0.002	0.000	0.321
	Left	0.726	0.002	0.248	0.250	0.227	0.000	0.728*

Table F-104

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

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	5 GHz WIFI Ant WF5T Reduced to 0.375 ER	5 GHz WIFI Ant WF5B ER	2.4 GHz Bluetooth Ant 1a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.056	0.078	0.712	0.000	0.712*
	Top	0.624	0.195	0.001	0.000	0.029	0.000	0.849
	Bottom	0.066	0.014	0.000	0.009	0.358	0.000	0.438
	Right	0.073	0.284	0.018	0.049	0.004	0.000	0.424
	Left	0.618	0.003	0.370	0.539	0.647	0.000	0.647*

Table F-105

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.021	0.024	0.246	0.000	0.807*	0.989*
	Top	0.027	0.014	0.135	0.000	0.000	0.010	0.000	0.172	0.159
	Bottom	0.197	0.739	0.009	0.000	0.015	0.131	0.000	0.337	0.879
	Right	0.010	0.026	0.197	0.017	0.011	0.002	0.000	0.235	0.251
	Left	0.737	0.044	0.002	0.248	0.249	0.227	0.000	0.986*	0.543

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Table F-106

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.028	0.028	0.356	0.000	0.824*	0.980*
	Top	0.023	0.012	0.379	0.000	0.000	0.014	0.000	0.416	0.405
	Bottom	0.164	0.621	0.047	0.000	0.017	0.189	0.000	0.400	0.857
	Right	0.008	0.023	0.593	0.023	0.013	0.003	0.000	0.637	0.652
	Left	0.621	0.039	0.009	0.334	0.279	0.328	0.000	0.949*	0.710

Table F-107

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

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.021	0.024	0.246	0.000	0.746*
	Top	0.043	0.135	0.000	0.000	0.010	0.000	0.188
	Bottom	0.746	0.009	0.000	0.015	0.131	0.000	0.886
	Right	0.736	0.197	0.017	0.011	0.002	0.000	0.961
	Left	0.024	0.002	0.248	0.249	0.227	0.000	0.523

Table F-108

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

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.028	0.028	0.356	0.000	0.744*
	Top	0.037	0.379	0.000	0.000	0.014	0.000	0.430
	Bottom	0.624	0.047	0.000	0.017	0.189	0.000	0.860
	Right	0.612	0.593	0.023	0.013	0.003	0.000	0.625*
	Left	0.021	0.009	0.334	0.279	0.328	0.000	0.692

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Table F-109

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.021	0.024	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.000	0.000	0.010	0.000	0.667	0.746
	Bottom	0.055	0.036	0.009	0.000	0.015	0.131	0.000	0.195	0.176
	Right	0.709	0.105	0.197	0.017	0.011	0.002	0.000	0.934	0.330
	Left	0.011	0.046	0.002	0.248	0.249	0.227	0.000	0.510	0.545

Table F-110

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant WF5B ER	2.4 GHz Bluetooth Ant 1a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.028	0.028	0.712	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.000	0.000	0.029	0.000	0.658	0.733
	Bottom	0.047	0.030	0.014	0.000	0.017	0.358	0.000	0.419	0.402
	Right	0.589	0.088	0.284	0.023	0.013	0.004	0.000	0.909	0.408
	Left	0.009	0.039	0.003	0.334	0.279	0.647	0.000	0.993	0.647*

Table F-111

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.021	0.024	0.246	0.000	0.745*
	Top	0.743	0.135	0.000	0.000	0.010	0.000	0.888
	Bottom	0.079	0.009	0.000	0.015	0.131	0.000	0.219
	Right	0.088	0.197	0.017	0.011	0.002	0.000	0.313
	Left	0.726	0.002	0.248	0.249	0.227	0.000	0.728*

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Table F-112
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	6 GHz WIFI Ant WF5T Reduced to 0.375 ER	6 GHz WIFI Ant WF5B ER	2.4 GHz Bluetooth Ant 1a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.028	0.028	0.712	0.000	0.712*
	Top	0.624	0.195	0.000	0.000	0.029	0.000	0.848
	Bottom	0.066	0.014	0.000	0.017	0.358	0.000	0.438
	Right	0.073	0.284	0.023	0.013	0.004	0.000	0.393
	Left	0.618	0.003	0.334	0.279	0.647	0.000	0.647*

Table F-113
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.039	0.247	0.246	0.000	0.808*	0.990*
	Top	0.027	0.014	0.135	0.001	0.000	0.010	0.000	0.173	0.160
	Bottom	0.197	0.739	0.009	0.000	0.245	0.131	0.000	0.451	0.993
	Right	0.010	0.026	0.197	0.013	0.010	0.002	0.000	0.230	0.246
	Left	0.737	0.044	0.002	0.248	0.018	0.227	0.000	0.964*	0.521

Table F-114
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.124	0.366	0.356	0.000	0.834*	0.990*
	Top	0.023	0.012	0.379	0.007	0.000	0.014	0.000	0.423	0.412
	Bottom	0.164	0.621	0.047	0.000	0.371	0.189	0.000	0.582	0.992*
	Right	0.008	0.023	0.593	0.042	0.015	0.003	0.000	0.658	0.673
	Left	0.621	0.039	0.009	0.744	0.026	0.328	0.000	0.949*	0.753*

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Table F-115

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

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.039	0.247	0.246	0.000	0.746*
	Top	0.043	0.135	0.001	0.000	0.010	0.000	0.189
	Bottom	0.746	0.009	0.000	0.245	0.131	0.000	0.755*
	Right	0.736	0.197	0.013	0.010	0.002	0.000	0.956
	Left	0.024	0.002	0.248	0.018	0.227	0.000	0.501

Table F-116

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

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.124	0.366	0.356	0.000	0.744*
	Top	0.037	0.379	0.007	0.000	0.014	0.000	0.437
	Bottom	0.624	0.047	0.000	0.371	0.189	0.000	0.671*
	Right	0.612	0.593	0.042	0.015	0.003	0.000	0.627*
	Left	0.021	0.009	0.744	0.026	0.328	0.000	0.753*

Table F-117

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.039	0.247	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.001	0.000	0.010	0.000	0.668	0.747
	Bottom	0.055	0.036	0.009	0.000	0.245	0.131	0.000	0.309	0.290
	Right	0.709	0.105	0.197	0.013	0.010	0.002	0.000	0.929	0.325
	Left	0.011	0.046	0.002	0.248	0.018	0.227	0.000	0.488	0.523

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Table F-118

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant 1b ER	2.4 GHz Bluetooth Ant 1a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.124	0.742	0.712	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.007	0.006	0.029	0.000	0.665	0.740
	Bottom	0.047	0.030	0.014	0.000	0.527	0.358	0.000	0.588	0.571
	Right	0.589	0.088	0.284	0.042	0.024	0.004	0.000	0.939	0.438
	Left	0.009	0.039	0.003	0.744	0.056	0.647	0.000	0.744*	0.744*

Table F-119

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.039	0.247	0.246	0.000	0.745*
	Top	0.743	0.135	0.001	0.000	0.010	0.000	0.889
	Bottom	0.079	0.009	0.000	0.245	0.131	0.000	0.333
	Right	0.088	0.197	0.013	0.010	0.002	0.000	0.308
	Left	0.726	0.002	0.248	0.018	0.227	0.000	0.728*

Table F-120

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

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	5 GHz WIFI Ant WF5T Reduced to 0.375 ER	5 GHz WIFI Ant 1b ER	2.4 GHz Bluetooth Ant 1a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.056	0.742	0.712	0.000	0.742*
	Top	0.624	0.195	0.001	0.006	0.029	0.000	0.849
	Bottom	0.066	0.014	0.000	0.527	0.358	0.000	0.607
	Right	0.073	0.284	0.018	0.024	0.004	0.000	0.399
	Left	0.618	0.003	0.370	0.056	0.647	0.000	0.647*

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Table F-121

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.021	0.248	0.246	0.000	0.809*	0.991*
	Top	0.027	0.014	0.135	0.000	0.003	0.010	0.000	0.172	0.159
	Bottom	0.197	0.739	0.009	0.000	0.168	0.131	0.000	0.374	0.916
	Right	0.010	0.026	0.197	0.017	0.018	0.002	0.000	0.242	0.258
	Left	0.737	0.044	0.002	0.248	0.051	0.227	0.000	0.964*	0.521

Table F-122

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.028	0.351	0.356	0.000	0.824*	0.980*
	Top	0.023	0.012	0.379	0.000	0.003	0.014	0.000	0.416	0.405
	Bottom	0.164	0.621	0.047	0.000	0.236	0.189	0.000	0.447	0.904
	Right	0.008	0.023	0.593	0.023	0.024	0.003	0.000	0.648	0.663
	Left	0.621	0.039	0.009	0.334	0.073	0.328	0.000	0.949*	0.710

Table F-123

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

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.021	0.248	0.246	0.000	0.746*
	Top	0.043	0.135	0.000	0.003	0.010	0.000	0.188
	Bottom	0.746	0.009	0.000	0.168	0.131	0.000	0.923
	Right	0.736	0.197	0.017	0.018	0.002	0.000	0.968
	Left	0.024	0.002	0.248	0.051	0.227	0.000	0.501

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Table F-124
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.028	0.351	0.356	0.000	0.744*
	Top	0.037	0.379	0.000	0.003	0.014	0.000	0.430
	Bottom	0.624	0.047	0.000	0.236	0.189	0.000	0.907
	Right	0.612	0.593	0.023	0.024	0.003	0.000	0.636*
	Left	0.021	0.009	0.334	0.073	0.328	0.000	0.692

Table F-125
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.021	0.248	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.000	0.003	0.010	0.000	0.667	0.746
	Bottom	0.055	0.036	0.009	0.000	0.168	0.131	0.000	0.232	0.213
	Right	0.709	0.105	0.197	0.017	0.018	0.002	0.000	0.941	0.337
	Left	0.011	0.046	0.002	0.248	0.051	0.227	0.000	0.488	0.523

Table F-126
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	6 GHz WIFI Ant 1b ER	2.4 GHz Bluetooth Ant 1a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.028	0.351	0.712	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.000	0.003	0.029	0.000	0.658	0.733
	Bottom	0.047	0.030	0.014	0.000	0.236	0.358	0.000	0.419	0.402
	Right	0.589	0.088	0.284	0.023	0.024	0.004	0.000	0.920	0.419
	Left	0.009	0.039	0.003	0.334	0.073	0.647	0.000	0.993	0.647*

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Table F-127

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.021	0.248	0.246	0.000	0.745*
	Top	0.743	0.135	0.000	0.003	0.010	0.000	0.888
	Bottom	0.079	0.009	0.000	0.168	0.131	0.000	0.256
	Right	0.088	0.197	0.017	0.018	0.002	0.000	0.320
	Left	0.726	0.002	0.248	0.051	0.227	0.000	0.728*

Table F-128

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

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	6 GHz WIFI Ant WF5T Reduced to 0.375 ER	6 GHz WIFI Ant 1b ER	2.4 GHz Bluetooth Ant 1a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.028	0.351	0.712	0.000	0.712*
	Top	0.624	0.195	0.000	0.003	0.029	0.000	0.848
	Bottom	0.066	0.014	0.000	0.236	0.358	0.000	0.438
	Right	0.073	0.284	0.023	0.024	0.004	0.000	0.404
	Left	0.618	0.003	0.334	0.073	0.647	0.000	0.647*

Table F-129

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.249	0.056	0.039	0.246	0.000	0.810*	0.992*
	Top	0.027	0.014	0.012	0.000	0.001	0.106	0.000	0.146	0.133
	Bottom	0.197	0.739	0.121	0.001	0.000	0.005	0.000	0.323	0.865
	Right	0.010	0.026	0.002	0.023	0.013	0.207	0.000	0.253	0.269
	Left	0.737	0.044	0.232	0.250	0.248	0.003	0.000	0.987*	0.545

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Table F-130

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.360	0.072	0.124	0.663	0.000	0.828*	0.984*
	Top	0.023	0.012	0.018	0.000	0.007	0.261	0.000	0.309	0.298
	Bottom	0.164	0.621	0.174	0.001	0.000	0.013	0.000	0.351	0.808
	Right	0.008	0.023	0.003	0.030	0.042	0.566	0.000	0.646	0.661
	Left	0.621	0.039	0.335	0.371	0.744	0.007	0.000	0.992*	0.751*

Table F-131

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

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.249	0.056	0.039	0.246	0.000	0.746*
	Top	0.043	0.012	0.000	0.001	0.106	0.000	0.162
	Bottom	0.746	0.121	0.001	0.000	0.005	0.000	0.872
	Right	0.736	0.002	0.023	0.013	0.207	0.000	0.979
	Left	0.024	0.232	0.250	0.248	0.003	0.000	0.525

Table F-132

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

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.360	0.072	0.124	0.663	0.000	0.663*
	Top	0.037	0.018	0.000	0.007	0.261	0.000	0.323
	Bottom	0.624	0.174	0.001	0.000	0.013	0.000	0.811
	Right	0.612	0.003	0.030	0.042	0.566	0.000	0.642*
	Left	0.021	0.335	0.371	0.744	0.007	0.000	0.751*

Table F-133

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.249	0.056	0.039	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.012	0.000	0.001	0.106	0.000	0.641	0.720
	Bottom	0.055	0.036	0.121	0.001	0.000	0.005	0.000	0.181	0.162
	Right	0.709	0.105	0.002	0.023	0.013	0.207	0.000	0.952	0.348
	Left	0.011	0.046	0.232	0.250	0.248	0.003	0.000	0.512	0.547

Table F-134

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	5 GHz WIFI Ant WF5B ER	5 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.713	0.078	0.124	0.348	0.000	0.972*	0.972*
	Top	0.434	0.509	0.034	0.000	0.007	0.150	0.000	0.625	0.700
	Bottom	0.047	0.030	0.305	0.009	0.000	0.007	0.000	0.359	0.342
	Right	0.589	0.088	0.004	0.049	0.042	0.293	0.000	0.973	0.472
	Left	0.009	0.039	0.651	0.539	0.744	0.003	0.000	0.744*	0.744*

Table F-135

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.249	0.056	0.039	0.246	0.000	0.745*
	Top	0.743	0.012	0.000	0.001	0.106	0.000	0.862
	Bottom	0.079	0.121	0.001	0.000	0.005	0.000	0.205
	Right	0.088	0.002	0.023	0.013	0.207	0.000	0.331
	Left	0.726	0.232	0.250	0.248	0.003	0.000	0.729*

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Table F-136

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

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	5 GHz WIFI Ant WF5B ER	5 GHz WIFI Ant WF5T Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.713	0.078	0.056	0.348	0.000	0.713*
	Top	0.624	0.034	0.000	0.001	0.150	0.000	0.809
	Bottom	0.066	0.305	0.009	0.000	0.007	0.000	0.378
	Right	0.073	0.004	0.049	0.018	0.293	0.000	0.433
	Left	0.618	0.651	0.539	0.370	0.003	0.000	0.651*

Table F-137

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.249	0.024	0.021	0.246	0.000	0.810*	0.992*
	Top	0.027	0.014	0.012	0.000	0.000	0.106	0.000	0.145	0.132
	Bottom	0.197	0.739	0.121	0.015	0.000	0.005	0.000	0.323	0.865
	Right	0.010	0.026	0.002	0.011	0.017	0.207	0.000	0.245	0.261
	Left	0.737	0.044	0.232	0.249	0.248	0.003	0.000	0.986*	0.544

Table F-138

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	6 GHz WIFI Ant WF5B Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.360	0.028	0.028	0.663	0.000	0.828*	0.984*
	Top	0.023	0.012	0.018	0.000	0.000	0.261	0.000	0.302	0.291
	Bottom	0.164	0.621	0.174	0.017	0.000	0.013	0.000	0.351	0.808
	Right	0.008	0.023	0.003	0.013	0.023	0.566	0.000	0.610	0.625
	Left	0.621	0.039	0.335	0.279	0.334	0.007	0.000	0.956*	0.715

Table F-139

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

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.249	0.024	0.021	0.246	0.000	0.746*
	Top	0.043	0.012	0.000	0.000	0.106	0.000	0.161
	Bottom	0.746	0.121	0.015	0.000	0.005	0.000	0.872
	Right	0.736	0.002	0.011	0.017	0.207	0.000	0.971
	Left	0.024	0.232	0.249	0.248	0.003	0.000	0.524

Table F-140

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

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	6 GHz WIFI Ant WF5B Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.360	0.028	0.028	0.663	0.000	0.663*
	Top	0.037	0.018	0.000	0.000	0.261	0.000	0.316
	Bottom	0.624	0.174	0.017	0.000	0.013	0.000	0.811
	Right	0.612	0.003	0.013	0.023	0.566	0.000	0.625*
	Left	0.021	0.335	0.279	0.334	0.007	0.000	0.697

Table F-141

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.249	0.024	0.021	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.012	0.000	0.000	0.106	0.000	0.640	0.719
	Bottom	0.055	0.036	0.121	0.015	0.000	0.005	0.000	0.181	0.162
	Right	0.709	0.105	0.002	0.011	0.017	0.207	0.000	0.944	0.340
	Left	0.011	0.046	0.232	0.249	0.248	0.003	0.000	0.511	0.546

Table F-142

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	6 GHz WIFI Ant WF5B ER	6 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.713	0.028	0.028	0.348	0.000	0.972*	0.972*
	Top	0.434	0.509	0.034	0.000	0.000	0.150	0.000	0.618	0.693
	Bottom	0.047	0.030	0.305	0.017	0.000	0.007	0.000	0.359	0.342
	Right	0.589	0.088	0.004	0.013	0.023	0.293	0.000	0.918	0.417
	Left	0.009	0.039	0.651	0.279	0.334	0.003	0.000	0.651*	0.651*

Table F-143

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.249	0.024	0.021	0.246	0.000	0.745*
	Top	0.743	0.012	0.000	0.000	0.106	0.000	0.861
	Bottom	0.079	0.121	0.015	0.000	0.005	0.000	0.205
	Right	0.088	0.002	0.011	0.017	0.207	0.000	0.323
	Left	0.726	0.232	0.249	0.248	0.003	0.000	0.729*

Table F-144

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

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	6 GHz WIFI Ant WF5B ER	6 GHz WIFI Ant WF5T Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.713	0.028	0.028	0.348	0.000	0.713*
	Top	0.624	0.034	0.000	0.000	0.150	0.000	0.808
	Bottom	0.066	0.305	0.017	0.000	0.007	0.000	0.378
	Right	0.073	0.004	0.013	0.023	0.293	0.000	0.402
	Left	0.618	0.651	0.279	0.334	0.003	0.000	0.651*

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Table F-145

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.249	0.247	0.039	0.246	0.000	0.810*	0.992*
	Top	0.027	0.014	0.012	0.000	0.001	0.106	0.000	0.146	0.133
	Bottom	0.197	0.739	0.121	0.245	0.000	0.005	0.000	0.447	0.989
	Right	0.010	0.026	0.002	0.010	0.013	0.207	0.000	0.240	0.256
	Left	0.737	0.044	0.232	0.018	0.248	0.003	0.000	0.969*	0.527

Table F-146

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	5 GHz WIFI Ant 1b Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.360	0.366	0.124	0.663	0.000	0.834*	0.990*
	Top	0.023	0.012	0.018	0.000	0.007	0.261	0.000	0.309	0.298
	Bottom	0.164	0.621	0.174	0.371	0.000	0.013	0.000	0.548	0.992*
	Right	0.008	0.023	0.003	0.015	0.042	0.566	0.000	0.631	0.646
	Left	0.621	0.039	0.335	0.026	0.744	0.007	0.000	0.956*	0.751*

Table F-147

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

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.249	0.247	0.039	0.246	0.000	0.746*
	Top	0.043	0.012	0.000	0.001	0.106	0.000	0.162
	Bottom	0.746	0.121	0.245	0.000	0.005	0.000	0.996
	Right	0.736	0.002	0.010	0.013	0.207	0.000	0.966
	Left	0.024	0.232	0.018	0.248	0.003	0.000	0.507

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Table F-148
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	5 GHz WIFI Ant 1b Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.360	0.366	0.124	0.663	0.000	0.663*
	Top	0.037	0.018	0.000	0.007	0.261	0.000	0.323
	Bottom	0.624	0.174	0.371	0.000	0.013	0.000	0.637*
	Right	0.612	0.003	0.015	0.042	0.566	0.000	0.627*
	Left	0.021	0.335	0.026	0.744	0.007	0.000	0.751*

Table F-149
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.249	0.247	0.039	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.012	0.000	0.001	0.106	0.000	0.641	0.720
	Bottom	0.055	0.036	0.121	0.245	0.000	0.005	0.000	0.305	0.286
	Right	0.709	0.105	0.002	0.010	0.013	0.207	0.000	0.939	0.335
	Left	0.011	0.046	0.232	0.018	0.248	0.003	0.000	0.494	0.529

Table F-150
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.713	0.742	0.124	0.348	0.000	0.972*	0.972*
	Top	0.434	0.509	0.034	0.006	0.007	0.150	0.000	0.625	0.700
	Bottom	0.047	0.030	0.305	0.527	0.000	0.007	0.000	0.581	0.564
	Right	0.589	0.088	0.004	0.024	0.042	0.293	0.000	0.948	0.447
	Left	0.009	0.039	0.651	0.056	0.744	0.003	0.000	0.744*	0.744*

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Table F-151

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	5 GHz WIFI Ant 1b Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.249	0.247	0.039	0.246	0.000	0.745*
	Top	0.743	0.012	0.000	0.001	0.106	0.000	0.862
	Bottom	0.079	0.121	0.245	0.000	0.005	0.000	0.329
	Right	0.088	0.002	0.010	0.013	0.207	0.000	0.318
	Left	0.726	0.232	0.018	0.248	0.003	0.000	0.729*

Table F-152

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

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	5 GHz WIFI Ant 1b ER	5 GHz WIFI Ant WF5T Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.713	0.742	0.056	0.348	0.000	0.742*
	Top	0.624	0.034	0.006	0.001	0.150	0.000	0.809
	Bottom	0.066	0.305	0.527	0.000	0.007	0.000	0.600
	Right	0.073	0.004	0.024	0.018	0.293	0.000	0.408
	Left	0.618	0.651	0.056	0.370	0.003	0.000	0.651*

Table F-153

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.249	0.248	0.021	0.246	0.000	0.810*	0.992*
	Top	0.027	0.014	0.012	0.003	0.000	0.106	0.000	0.145	0.132
	Bottom	0.197	0.739	0.121	0.168	0.000	0.005	0.000	0.370	0.912
	Right	0.010	0.026	0.002	0.018	0.017	0.207	0.000	0.252	0.268
	Left	0.737	0.044	0.232	0.051	0.248	0.003	0.000	0.969*	0.527

Table F-154

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	6 GHz WIFI Ant 1b Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.360	0.351	0.028	0.663	0.000	0.828*	0.984*
	Top	0.023	0.012	0.018	0.003	0.000	0.261	0.000	0.302	0.291
	Bottom	0.164	0.621	0.174	0.236	0.000	0.013	0.000	0.413	0.870
	Right	0.008	0.023	0.003	0.024	0.023	0.566	0.000	0.621	0.636
	Left	0.621	0.039	0.335	0.073	0.334	0.007	0.000	0.956*	0.715

Table F-155

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

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.249	0.248	0.021	0.246	0.000	0.746*
	Top	0.043	0.012	0.003	0.000	0.106	0.000	0.161
	Bottom	0.746	0.121	0.168	0.000	0.005	0.000	0.919
	Right	0.736	0.002	0.018	0.017	0.207	0.000	0.978
	Left	0.024	0.232	0.051	0.248	0.003	0.000	0.507

Table F-156

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

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	6 GHz WIFI Ant 1b Reduced to 0.375 ER	6 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.360	0.351	0.028	0.663	0.000	0.663*
	Top	0.037	0.018	0.003	0.000	0.261	0.000	0.316
	Bottom	0.624	0.174	0.236	0.000	0.013	0.000	0.873
	Right	0.612	0.003	0.024	0.023	0.566	0.000	0.636*
	Left	0.021	0.335	0.073	0.334	0.007	0.000	0.697

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Table F-157

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.249	0.248	0.021	0.246	0.000	0.990*	0.991*
	Top	0.522	0.601	0.012	0.003	0.000	0.106	0.000	0.640	0.719
	Bottom	0.055	0.036	0.121	0.168	0.000	0.005	0.000	0.228	0.209
	Right	0.709	0.105	0.002	0.018	0.017	0.207	0.000	0.951	0.347
	Left	0.011	0.046	0.232	0.051	0.248	0.003	0.000	0.494	0.529

Table F-158

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant WF5T ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.713	0.351	0.028	0.348	0.000	0.972*	0.972*
	Top	0.434	0.509	0.034	0.003	0.000	0.150	0.000	0.618	0.693
	Bottom	0.047	0.030	0.305	0.236	0.000	0.007	0.000	0.359	0.342
	Right	0.589	0.088	0.004	0.024	0.023	0.293	0.000	0.929	0.428
	Left	0.009	0.039	0.651	0.073	0.334	0.003	0.000	0.651*	0.651*

Table F-159

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

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	6 GHz WIFI Ant 1b Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.249	0.248	0.021	0.246	0.000	0.745*
	Top	0.743	0.012	0.003	0.000	0.106	0.000	0.861
	Bottom	0.079	0.121	0.168	0.000	0.005	0.000	0.252
	Right	0.088	0.002	0.018	0.017	0.207	0.000	0.330
	Left	0.726	0.232	0.051	0.248	0.003	0.000	0.729*

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Table F-160
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	6 GHz WIFI Ant 1b ER	6 GHz WIFI Ant WF5T Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.713	0.351	0.028	0.348	0.000	0.713*
	Top	0.624	0.034	0.003	0.000	0.150	0.000	0.808
	Bottom	0.066	0.305	0.236	0.000	0.007	0.000	0.378
	Right	0.073	0.004	0.024	0.023	0.293	0.000	0.413
	Left	0.618	0.651	0.073	0.334	0.003	0.000	0.651*

Table F-161
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.246	0.031	0.043	0.000	0.807*	0.989*
	Top	0.027	0.014	0.135	0.010	0.000	0.000	0.000	0.172	0.159
	Bottom	0.197	0.739	0.009	0.131	0.004	0.000	0.000	0.337	0.879
	Right	0.010	0.026	0.197	0.002	0.005	0.005	0.000	0.217	0.233
	Left	0.737	0.044	0.002	0.227	0.248	0.249	0.000	0.985*	0.543

Table F-162
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	NB UNII Ant WF5B Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.356	0.044	0.086	0.000	0.824*	0.980*
	Top	0.023	0.012	0.379	0.014	0.000	0.005	0.000	0.421	0.410
	Bottom	0.164	0.621	0.047	0.189	0.006	0.000	0.000	0.400	0.857
	Right	0.008	0.023	0.593	0.003	0.008	0.029	0.000	0.638	0.653
	Left	0.621	0.039	0.009	0.328	0.358	0.741	0.000	0.979*	0.750*

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Table F-163

Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.246	0.031	0.043	0.000	0.746*
	Top	0.043	0.135	0.010	0.000	0.000	0.000	0.188
	Bottom	0.746	0.009	0.131	0.004	0.000	0.000	0.886
	Right	0.736	0.197	0.002	0.005	0.005	0.000	0.943
	Left	0.024	0.002	0.227	0.248	0.249	0.000	0.523

Table F-164

Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	NB UNII Ant WF5B Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.356	0.044	0.086	0.000	0.744*
	Top	0.037	0.379	0.014	0.000	0.005	0.000	0.435
	Bottom	0.624	0.047	0.189	0.006	0.000	0.000	0.860
	Right	0.612	0.593	0.003	0.008	0.029	0.000	0.620*
	Left	0.021	0.009	0.328	0.358	0.741	0.000	0.750*

Table F-165

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.246	0.031	0.043	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.010	0.000	0.000	0.000	0.667	0.746
	Bottom	0.055	0.036	0.009	0.131	0.004	0.000	0.000	0.195	0.176
	Right	0.709	0.105	0.197	0.002	0.005	0.005	0.000	0.916	0.312
	Left	0.011	0.046	0.002	0.227	0.248	0.249	0.000	0.510	0.545

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Table F-166

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a ER	NB UNII Ant WF5B ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.712	0.051	0.086	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.029	0.000	0.005	0.000	0.663	0.738
	Bottom	0.047	0.030	0.014	0.358	0.011	0.000	0.000	0.419	0.402
	Right	0.589	0.088	0.284	0.004	0.019	0.029	0.000	0.921	0.420
	Left	0.009	0.039	0.003	0.647	0.548	0.741	0.000	0.741*	0.741*

Table F-167

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.246	0.031	0.043	0.000	0.745*
	Top	0.743	0.135	0.010	0.000	0.000	0.000	0.888
	Bottom	0.079	0.009	0.131	0.004	0.000	0.000	0.219
	Right	0.088	0.197	0.002	0.005	0.005	0.000	0.295
	Left	0.726	0.002	0.227	0.248	0.249	0.000	0.728*

Table F-168

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a ER	NB UNII Ant WF5B ER	NB UNII Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.712	0.051	0.055	0.000	0.712*
	Top	0.624	0.195	0.029	0.000	0.000	0.000	0.848
	Bottom	0.066	0.014	0.358	0.011	0.000	0.000	0.438
	Right	0.073	0.284	0.004	0.019	0.006	0.000	0.382
	Left	0.618	0.003	0.647	0.548	0.321	0.000	0.647*

Table F-169

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.246	0.245	0.043	0.000	0.807*	0.989*
	Top	0.027	0.014	0.135	0.010	0.000	0.000	0.000	0.172	0.159
	Bottom	0.197	0.739	0.009	0.131	0.148	0.000	0.000	0.354	0.896
	Right	0.010	0.026	0.197	0.002	0.006	0.005	0.000	0.218	0.234
	Left	0.737	0.044	0.002	0.227	0.007	0.249	0.000	0.964*	0.522

Table F-170

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	NB UNII Ant 1b Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.356	0.371	0.086	0.000	0.839*	0.995*
	Top	0.023	0.012	0.379	0.014	0.000	0.005	0.000	0.421	0.410
	Bottom	0.164	0.621	0.047	0.189	0.224	0.000	0.000	0.435	0.892
	Right	0.008	0.023	0.593	0.003	0.008	0.029	0.000	0.638	0.653
	Left	0.621	0.039	0.009	0.328	0.011	0.741	0.000	0.949*	0.750*

Table F-171

Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.246	0.245	0.043	0.000	0.746*
	Top	0.043	0.135	0.010	0.000	0.000	0.000	0.188
	Bottom	0.746	0.009	0.131	0.148	0.000	0.000	0.903
	Right	0.736	0.197	0.002	0.006	0.005	0.000	0.944
	Left	0.024	0.002	0.227	0.007	0.249	0.000	0.502

Table F-172

Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER	NB UNII Ant 1b Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.356	0.371	0.086	0.000	0.744*
	Top	0.037	0.379	0.014	0.000	0.005	0.000	0.435
	Bottom	0.624	0.047	0.189	0.224	0.000	0.000	0.895
	Right	0.612	0.593	0.003	0.008	0.029	0.000	0.620*
	Left	0.021	0.009	0.328	0.011	0.741	0.000	0.750*

Table F-173

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.246	0.245	0.043	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.010	0.000	0.000	0.000	0.667	0.746
	Bottom	0.055	0.036	0.009	0.131	0.148	0.000	0.000	0.212	0.193
	Right	0.709	0.105	0.197	0.002	0.006	0.005	0.000	0.917	0.313
	Left	0.011	0.046	0.002	0.227	0.007	0.249	0.000	0.489	0.524

Table F-174

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a ER	NB UNII Ant 1b ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.712	0.746	0.086	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.029	0.000	0.005	0.000	0.663	0.738
	Bottom	0.047	0.030	0.014	0.358	0.464	0.000	0.000	0.525	0.508
	Right	0.589	0.088	0.284	0.004	0.033	0.029	0.000	0.935	0.434
	Left	0.009	0.039	0.003	0.647	0.034	0.741	0.000	0.741*	0.741*

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Table F-175
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.246	0.245	0.043	0.000	0.745*
	Top	0.743	0.135	0.010	0.000	0.000	0.000	0.888
	Bottom	0.079	0.009	0.131	0.148	0.000	0.000	0.236
	Right	0.088	0.197	0.002	0.006	0.005	0.000	0.296
	Left	0.726	0.002	0.227	0.007	0.249	0.000	0.728*

Table F-176
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB UNII TxBF and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 1a ER	NB UNII Ant 1b ER	NB UNII Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.712	0.746	0.055	0.000	0.746*
	Top	0.624	0.195	0.029	0.000	0.000	0.000	0.848
	Bottom	0.066	0.014	0.358	0.464	0.000	0.000	0.544
	Right	0.073	0.284	0.004	0.033	0.006	0.000	0.396
	Left	0.618	0.003	0.647	0.034	0.321	0.000	0.647*

Table F-177
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.249	0.031	0.246	0.043	0.000	0.810*	0.992*
	Top	0.027	0.014	0.012	0.000	0.106	0.000	0.000	0.145	0.132
	Bottom	0.197	0.739	0.121	0.004	0.005	0.000	0.000	0.323	0.865
	Right	0.010	0.026	0.002	0.005	0.207	0.005	0.000	0.227	0.243
	Left	0.737	0.044	0.232	0.248	0.003	0.249	0.000	0.985*	0.544

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Table F-178

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	NB UNII Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.360	0.044	0.663	0.086	0.000	0.828*	0.984*
	Top	0.023	0.012	0.018	0.000	0.261	0.005	0.000	0.307	0.296
	Bottom	0.164	0.621	0.174	0.006	0.013	0.000	0.000	0.351	0.808
	Right	0.008	0.023	0.003	0.008	0.566	0.029	0.000	0.611	0.626
	Left	0.621	0.039	0.335	0.358	0.007	0.741	0.000	0.979*	0.748*

Table F-179

Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.249	0.031	0.246	0.043	0.000	0.746*
	Top	0.043	0.012	0.000	0.106	0.000	0.000	0.161
	Bottom	0.746	0.121	0.004	0.005	0.000	0.000	0.872
	Right	0.736	0.002	0.005	0.207	0.005	0.000	0.953
	Left	0.024	0.232	0.248	0.003	0.249	0.000	0.524

Table F-180

Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	NB UNII Ant WF5B Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	NB UNII Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.360	0.044	0.663	0.086	0.000	0.663*
	Top	0.037	0.018	0.000	0.261	0.005	0.000	0.321
	Bottom	0.624	0.174	0.006	0.013	0.000	0.000	0.811
	Right	0.612	0.003	0.008	0.566	0.029	0.000	0.620*
	Left	0.021	0.335	0.358	0.007	0.741	0.000	0.748*

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Table F-181

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.249	0.031	0.246	0.043	0.000	0.990*	0.991*
	Top	0.522	0.601	0.012	0.000	0.106	0.000	0.000	0.640	0.719
	Bottom	0.055	0.036	0.121	0.004	0.005	0.000	0.000	0.181	0.162
	Right	0.709	0.105	0.002	0.005	0.207	0.005	0.000	0.926	0.322
	Left	0.011	0.046	0.232	0.248	0.003	0.249	0.000	0.511	0.546

Table F-182

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	NB UNII Ant WF5B ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.713	0.051	0.348	0.086	0.000	0.972*	0.972*
	Top	0.434	0.509	0.034	0.000	0.150	0.005	0.000	0.623	0.698
	Bottom	0.047	0.030	0.305	0.011	0.007	0.000	0.000	0.359	0.342
	Right	0.589	0.088	0.004	0.019	0.293	0.029	0.000	0.930	0.429
	Left	0.009	0.039	0.651	0.548	0.003	0.741	0.000	0.741*	0.741*

Table F-183

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant WF5B Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.249	0.031	0.246	0.043	0.000	0.745*
	Top	0.743	0.012	0.000	0.106	0.000	0.000	0.861
	Bottom	0.079	0.121	0.004	0.005	0.000	0.000	0.205
	Right	0.088	0.002	0.005	0.207	0.005	0.000	0.305
	Left	0.726	0.232	0.248	0.003	0.249	0.000	0.729*

Table F-184
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	NB UNII Ant WF5B ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	NB UNII Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.713	0.051	0.348	0.055	0.000	0.713*
	Top	0.624	0.034	0.000	0.150	0.000	0.000	0.808
	Bottom	0.066	0.305	0.011	0.007	0.000	0.000	0.378
	Right	0.073	0.004	0.019	0.293	0.006	0.000	0.391
	Left	0.618	0.651	0.548	0.003	0.321	0.000	0.651*

Table F-185
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.249	0.245	0.246	0.043	0.000	0.810*	0.992*
	Top	0.027	0.014	0.012	0.000	0.106	0.000	0.000	0.145	0.132
	Bottom	0.197	0.739	0.121	0.148	0.005	0.000	0.000	0.350	0.892
	Right	0.010	0.026	0.002	0.006	0.207	0.005	0.000	0.228	0.244
	Left	0.737	0.044	0.232	0.007	0.003	0.249	0.000	0.969*	0.528

Table F-186
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	NB UNII Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.360	0.371	0.663	0.086	0.000	0.839*	0.995*
	Top	0.023	0.012	0.018	0.000	0.261	0.005	0.000	0.307	0.296
	Bottom	0.164	0.621	0.174	0.224	0.013	0.000	0.000	0.401	0.858
	Right	0.008	0.023	0.003	0.008	0.566	0.029	0.000	0.611	0.626
	Left	0.621	0.039	0.335	0.011	0.007	0.741	0.000	0.956*	0.748*

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Table F-187
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.249	0.245	0.246	0.043	0.000	0.746*
	Top	0.043	0.012	0.000	0.106	0.000	0.000	0.161
	Bottom	0.746	0.121	0.148	0.005	0.000	0.000	0.899
	Right	0.736	0.002	0.006	0.207	0.005	0.000	0.954
	Left	0.024	0.232	0.007	0.003	0.249	0.000	0.508

Table F-188
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a Reduced to 0.375 ER	NB UNII Ant 1b Reduced to 0.375 ER	2.4 GHz Bluetooth Ant 3a ER	NB UNII Ant WF5T ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.360	0.371	0.663	0.086	0.000	0.663*
	Top	0.037	0.018	0.000	0.261	0.005	0.000	0.321
	Bottom	0.624	0.174	0.224	0.013	0.000	0.000	0.861
	Right	0.612	0.003	0.008	0.566	0.029	0.000	0.620*
	Left	0.021	0.335	0.011	0.007	0.741	0.000	0.748*

Table F-189
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.249	0.245	0.246	0.043	0.000	0.990*	0.991*
	Top	0.522	0.601	0.012	0.000	0.106	0.000	0.000	0.640	0.719
	Bottom	0.055	0.036	0.121	0.148	0.005	0.000	0.000	0.208	0.189
	Right	0.709	0.105	0.002	0.006	0.207	0.005	0.000	0.927	0.323
	Left	0.011	0.046	0.232	0.007	0.003	0.249	0.000	0.495	0.530

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Table F-190

Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	NB UNII Ant 1b ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	NB UNII Ant WF5T ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.713	0.746	0.348	0.086	0.000	0.972*	0.972*
	Top	0.434	0.509	0.034	0.000	0.150	0.005	0.000	0.623	0.698
	Bottom	0.047	0.030	0.305	0.464	0.007	0.000	0.000	0.518	0.501
	Right	0.589	0.088	0.004	0.033	0.293	0.029	0.000	0.944	0.443
	Left	0.009	0.039	0.651	0.034	0.003	0.741	0.000	0.741*	0.741*

Table F-191

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 1a Reduced to 0.25 ER	NB UNII Ant 1b Reduced to 0.25 ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER	NB UNII Ant WF5T Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.249	0.245	0.246	0.043	0.000	0.745*
	Top	0.743	0.012	0.000	0.106	0.000	0.000	0.861
	Bottom	0.079	0.121	0.148	0.005	0.000	0.000	0.232
	Right	0.088	0.002	0.006	0.207	0.005	0.000	0.306
	Left	0.726	0.232	0.007	0.003	0.249	0.000	0.729*

Table F-192

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB UNII TxBF, 2.4 GHz Bluetooth and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 1a ER	NB UNII Ant 1b ER	2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER	NB UNII Ant WF5T Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.713	0.746	0.348	0.055	0.000	0.746*
	Top	0.624	0.034	0.000	0.150	0.000	0.000	0.808
	Bottom	0.066	0.305	0.464	0.007	0.000	0.000	0.537
	Right	0.073	0.004	0.033	0.293	0.006	0.000	0.405
	Left	0.618	0.651	0.034	0.003	0.321	0.000	0.651*

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Table F-193

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	802.15.4 Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.039	0.056	0.248	0.000	0.809*	0.991*
	Top	0.027	0.014	0.135	0.001	0.000	0.009	0.000	0.172	0.159
	Bottom	0.197	0.739	0.009	0.000	0.001	0.124	0.000	0.330	0.872
	Right	0.010	0.026	0.197	0.013	0.023	0.002	0.000	0.243	0.259
	Left	0.737	0.044	0.002	0.248	0.250	0.199	0.000	0.987*	0.544

Table F-194

Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT

Simult Tx	Configuration	Cellular Band Ant 1a Reduced to 0.625 ER	Cellular Band Ant 1b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	802.15.4 Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.468	0.624	0.744	0.124	0.072	0.358	0.000	0.826*	0.982*
	Top	0.023	0.012	0.379	0.007	0.000	0.014	0.000	0.423	0.412
	Bottom	0.164	0.621	0.047	0.000	0.001	0.179	0.000	0.390	0.847
	Right	0.008	0.023	0.593	0.042	0.030	0.003	0.000	0.673	0.688
	Left	0.621	0.039	0.009	0.744	0.371	0.288	0.000	0.992*	0.753*

Table F-195

Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT

Simult Tx	Configuration	Cellular Band Ant 2 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	802.15.4 Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.746	0.246	0.039	0.056	0.248	0.000	0.746*
	Top	0.043	0.135	0.001	0.000	0.009	0.000	0.188
	Bottom	0.746	0.009	0.000	0.001	0.124	0.000	0.879
	Right	0.736	0.197	0.013	0.023	0.002	0.000	0.969
	Left	0.024	0.002	0.248	0.250	0.199	0.000	0.524

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Table F-196
Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT

Simult Tx	Configuration	Cellular Band Ant 2 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant WF5B Reduced to 0.375 ER	802.15.4 Ant 1a Reduced to 0.375 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.744	0.124	0.072	0.358	0.000	0.744*
	Top	0.037	0.379	0.007	0.000	0.014	0.000	0.437
	Bottom	0.624	0.047	0.000	0.001	0.179	0.000	0.850
	Right	0.612	0.593	0.042	0.030	0.003	0.000	0.642*
	Left	0.021	0.009	0.744	0.371	0.288	0.000	0.753*

Table F-197
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT

Simult Tx	Configuration	Cellular Band Ant 3a ER	Cellular Band Ant 3b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	802.15.4 Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.744	0.745	0.246	0.039	0.056	0.248	0.000	0.990*	0.991*
	Top	0.522	0.601	0.135	0.001	0.000	0.009	0.000	0.667	0.746
	Bottom	0.055	0.036	0.009	0.000	0.001	0.124	0.000	0.188	0.169
	Right	0.709	0.105	0.197	0.013	0.023	0.002	0.000	0.942	0.338
	Left	0.011	0.046	0.002	0.248	0.250	0.199	0.000	0.511	0.546

Table F-198
Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT

Simult Tx	Configuration	Cellular Band Ant 3a Reduced to 0.625 ER	Cellular Band Ant 3b Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	5 GHz WIFI Ant WF5T ER	5 GHz WIFI Ant WF5B ER	802.15.4 Ant 1a ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.624	0.624	0.356	0.124	0.078	0.721	0.000	0.980*	0.980*
	Top	0.434	0.509	0.195	0.007	0.000	0.026	0.000	0.662	0.737
	Bottom	0.047	0.030	0.014	0.000	0.009	0.329	0.000	0.390	0.373
	Right	0.589	0.088	0.284	0.042	0.049	0.006	0.000	0.964	0.463
	Left	0.009	0.039	0.003	0.744	0.539	0.638	0.000	0.744*	0.744*

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Table F-199
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT

Simult Tx	Configuration	Cellular Band Ant 4 ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	5 GHz WIFI Ant WF5T Reduced to 0.25 ER	5 GHz WIFI Ant WF5B Reduced to 0.25 ER	802.15.4 Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.745	0.246	0.039	0.056	0.248	0.000	0.745*
	Top	0.743	0.135	0.001	0.000	0.009	0.000	0.888
	Bottom	0.079	0.009	0.000	0.001	0.124	0.000	0.212
	Right	0.088	0.197	0.013	0.023	0.002	0.000	0.321
	Left	0.726	0.002	0.248	0.250	0.199	0.000	0.728*

Table F-200
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT

Simult Tx	Configuration	Cellular Band Ant 4 Reduced to 0.625 ER	2.4 GHz WIFI Ant 3a Reduced to 0.375 ER	5 GHz WIFI Ant WF5T Reduced to 0.375 ER	5 GHz WIFI Ant WF5B ER	802.15.4 Ant 1a ER	WPT ER	Σ ER
		1	2	3	4	5	6	1+2+3+4+5+6
Body SAR	Back	0.624	0.356	0.056	0.078	0.721	0.000	0.721*
	Top	0.624	0.195	0.001	0.000	0.026	0.000	0.846
	Bottom	0.066	0.014	0.000	0.009	0.329	0.000	0.409
	Right	0.073	0.284	0.018	0.049	0.006	0.000	0.424
	Left	0.618	0.003	0.370	0.539	0.638	0.000	0.638*

Table F-201
Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 802.15.4 and WPT

Simult Tx	Configuration	Cellular Band Ant 1a ER	Cellular Band Ant 1b ER	2.4 GHz WIFI Ant 3a Reduced to 0.25 ER	6 GHz WIFI Ant WF5T Reduced to 0.25 ER	6 GHz WIFI Ant WF5B Reduced to 0.25 ER	802.15.4 Ant 1a Reduced to 0.25 ER	WPT ER	Σ ER	
		1	2	3	4	5	6	7	1+3+4+5+6+7	2+3+4+5+6+7
Body SAR	Back	0.561	0.743	0.246	0.021	0.024	0.248	0.000	0.809*	0.991*
	Top	0.027	0.014	0.135	0.000	0.000	0.009	0.000	0.171	0.158
	Bottom	0.197	0.739	0.009	0.000	0.015	0.124	0.000	0.330	0.872
	Right	0.010	0.026	0.197	0.017	0.011	0.002	0.000	0.235	0.251
	Left	0.737	0.044	0.002	0.248	0.249	0.199	0.000	0.986*	0.543

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