

E.4.14.3 Top Antenna Cluster Summation

Table E-199

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant 3a 2.4 GHz WIFI	0.813 + 0.216	0.508 + 0.135	0.643
Ant 3b NR Band n77	Ant 3a 2.4 GHz WIFI	0.956 + 0.216	0.598 + 0.135	0.733
Ant 3b NR Band n12	Ant 3a 2.4 GHz WIFI	0.752 + 0.216	0.470 + 0.135	0.605
Ant 3b LTE Band 13	Ant 3a 2.4 GHz WIFI	0.698 + 0.216	0.436 + 0.135	0.571
Ant 3b LTE Band 14	Ant 3a 2.4 GHz WIFI	0.830 + 0.216	0.519 + 0.135	0.654
Ant 3b LTE Band 71	Ant 3a 2.4 GHz WIFI	0.831 + 0.216	0.519 + 0.135	0.654
Ant 3b LTE Band 5	Ant 3a 2.4 GHz WIFI	0.943 + 0.216	0.589 + 0.135	0.724
Ant 3b LTE Band 106	Ant 3a 2.4 GHz WIFI	0.961 + 0.216	0.601 + 0.135	0.736

Table E-200

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant WF5B NB U-NII 3	0.042 + 0.000	0.026 + 0.000	0.026
Ant 1a NR Band n77 DoD	Ant WF5B NB U-NII 3	0.043 + 0.000	0.027 + 0.000	0.027

E.4.14.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-201

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		a	b	a + b	D _{a-b}
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.643	0.026	0.669	19.32
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.643	0.027	0.670	19.32
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.733	0.026	0.759	19.32
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.733	0.027	0.760	19.32
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.605	0.026	0.631	19.32
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.605	0.027	0.632	19.32
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.571	0.026	0.597	19.32
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.571	0.027	0.598	19.32
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.654	0.026	0.680	19.32
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.654	0.027	0.681	19.32
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.654	0.026	0.680	19.32
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.654	0.027	0.681	19.32
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.724	0.026	0.750	19.32
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.724	0.027	0.751	19.32
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.736	0.026	0.762	19.32
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.736	0.027	0.763	19.32

When the combination sum is less than the TER limit, no further evaluation is required.

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E.4.14.5 Bottom Antenna Cluster Summation

Table E-202

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b LTE Band 48	Ant 3a 2.4 GHz WIFI	0.013 + 0.015	0.008 + 0.009	0.017
Ant 3b NR Band n77 DoD	Ant 3a 2.4 GHz WIFI	0.015 + 0.015	0.009 + 0.009	0.018
Ant 3b NR Band n12	Ant 3a 2.4 GHz WIFI	0.043 + 0.015	0.027 + 0.009	0.036
Ant 3b LTE Band 13	Ant 3a 2.4 GHz WIFI	0.035 + 0.015	0.022 + 0.009	0.031
Ant 3b LTE Band 14	Ant 3a 2.4 GHz WIFI	0.033 + 0.015	0.021 + 0.009	0.030
Ant 3b LTE Band 71	Ant 3a 2.4 GHz WIFI	0.039 + 0.015	0.024 + 0.009	0.033
Ant 3b NR Band n5	Ant 3a 2.4 GHz WIFI	0.058 + 0.015	0.036 + 0.009	0.045
Ant 3b LTE Band 106	Ant 3a 2.4 GHz WIFI	0.038 + 0.015	0.024 + 0.009	0.033

Table E-203

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant WF5B 6 GHz WIFI	0.315 + 0.024	0.197 + 0.015	0.212
Ant 1a NR Band n77 DoD	Ant WF5B 6 GHz WIFI	0.259 + 0.024	0.162 + 0.015	0.177

E.4.14.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-204

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		a	b	a + b	D _{a-b}
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.017	0.212	0.229	34.38
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.017	0.177	0.194	34.38
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.018	0.212	0.230	34.38
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.018	0.177	0.195	34.38
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.036	0.212	0.248	34.38
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.036	0.177	0.213	34.38
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.031	0.212	0.243	34.38
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.031	0.177	0.208	34.38
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.030	0.212	0.242	34.38
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.030	0.177	0.207	34.38
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.033	0.212	0.245	34.38
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.033	0.177	0.210	34.38
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.045	0.212	0.257	34.38
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.045	0.177	0.222	34.38
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.033	0.212	0.245	34.38
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.033	0.177	0.210	34.38

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E.4.14.7 Right Antenna Cluster Summation

Table E-205

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant 3a 2.4 GHz Bluetooth	0.023 + 0.331	0.014 + 0.207	0.221
Ant 3b NR Band n77 DoD	Ant 3a 2.4 GHz Bluetooth	0.055 + 0.331	0.034 + 0.207	0.241
Ant 3b NR Band n12	Ant 3a 2.4 GHz Bluetooth	0.142 + 0.331	0.089 + 0.207	0.296
Ant 3b LTE Band 13	Ant 3a 2.4 GHz Bluetooth	0.145 + 0.331	0.091 + 0.207	0.298
Ant 3b NR Band n14	Ant 3a 2.4 GHz Bluetooth	0.135 + 0.331	0.084 + 0.207	0.291
Ant 3b NR Band n71	Ant 3a 2.4 GHz Bluetooth	0.114 + 0.331	0.071 + 0.207	0.278
Ant 3b NR Band n5	Ant 3a 2.4 GHz Bluetooth	0.168 + 0.331	0.105 + 0.207	0.312
Ant 3b LTE Band 106	Ant 3a 2.4 GHz Bluetooth	0.135 + 0.331	0.084 + 0.207	0.291

Table E-206

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant WF5B 5 GHz WIFI	0.016 + 0.037	0.010 + 0.023	0.033
Ant 1a NR Band n77 DoD	Ant WF5B 5 GHz WIFI	0.008 + 0.037	0.005 + 0.023	0.028

E.4.14.8 Right Antenna Cluster 1 + 2 SPLSR

Table E-207

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		a	b	a + b	D _{a-b}
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.221	0.033	0.254	105.13
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.221	0.028	0.249	105.13
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.241	0.033	0.274	105.13
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.241	0.028	0.269	105.13
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.296	0.033	0.329	105.13
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.296	0.028	0.324	105.13
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.298	0.033	0.331	105.13
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.298	0.028	0.326	105.13
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.291	0.033	0.324	105.13
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.291	0.028	0.319	105.13
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.278	0.033	0.311	105.13
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.278	0.028	0.306	105.13
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.312	0.033	0.345	105.13
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.312	0.028	0.340	105.13
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.291	0.033	0.324	105.13
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.291	0.028	0.319	105.13

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E.4.14.9 Left Antenna Cluster Summation

Table E-208

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant 3a 2.4 GHz Bluetooth	0.042 + 0.004	0.026 + 0.003	0.029
Ant 3b NR Band n77 DoD	Ant 3a 2.4 GHz Bluetooth	0.072 + 0.004	0.045 + 0.003	0.048
Ant 3b LTE Band 12	Ant 3a 2.4 GHz Bluetooth	0.073 + 0.004	0.046 + 0.003	0.049
Ant 3b LTE Band 13	Ant 3a 2.4 GHz Bluetooth	0.071 + 0.004	0.044 + 0.003	0.047
Ant 3b LTE Band 14	Ant 3a 2.4 GHz Bluetooth	0.053 + 0.004	0.033 + 0.003	0.036
Ant 3b LTE Band 71	Ant 3a 2.4 GHz Bluetooth	0.049 + 0.004	0.031 + 0.003	0.034
Ant 3b NR Band n5	Ant 3a 2.4 GHz Bluetooth	0.074 + 0.004	0.046 + 0.003	0.049
Ant 3b LTE Band 106	Ant 3a 2.4 GHz Bluetooth	0.054 + 0.004	0.034 + 0.003	0.037

Table E-209

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant WF5B 5 GHz WIFI	1.179 + 0.400	0.737 + 0.250	0.987
Ant 1a NR Band n77 DoD	Ant WF5B 5 GHz WIFI	1.167 + 0.400	0.729 + 0.250	0.979

E.4.14.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-210

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)	SPLS Ratio	Aggregate 1g Reported SAR
		Exposure Ratio 1	Exposure Ratio 2				
		a	b	a + b	D_{a-b}	$(a+b)^{1.5}/D_{a-b}$	(W/kg)
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.029	0.987	1.016	18.39	0.06	1.250
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.029	0.979	1.008	18.39	0.06	1.220
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.048	0.987	1.035	18.39	0.06	1.260
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.048	0.979	1.027	18.39	0.06	1.230
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.049	0.987	1.036	18.39	0.06	1.260
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.049	0.979	1.028	18.39	0.06	1.240
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.047	0.987	1.034	18.39	0.06	1.260
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.047	0.979	1.026	18.39	0.06	1.240
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.036	0.987	1.023	18.39	0.06	1.260
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.036	0.979	1.015	18.39	0.06	1.240
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.034	0.987	1.021	18.39	0.06	1.260
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.034	0.979	1.013	18.39	0.06	1.240
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.049	0.987	1.036	18.39	0.06	1.260
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.049	0.979	1.028	18.39	0.06	1.240
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.037	0.987	1.024	18.39	0.06	1.260
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.037	0.979	1.016	18.39	0.06	1.240

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E.4.15 Combination 15: AC1 (Ant 3b + Ant WF5T) and AC2 (Ant 1a + Ant 1a,1b)

E.4.15.1 Back Antenna Cluster Summation

Table E-211

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant WF5T NB U-NII 3	1.073 + 0.068	0.671 + 0.043	0.714
Ant 3b NR Band n77 DoD	Ant WF5T NB U-NII 3	1.170 + 0.068	0.731 + 0.043	0.774
Ant 3b LTE Band 12	Ant WF5T NB U-NII 3	1.181 + 0.068	0.738 + 0.043	0.781
Ant 3b LTE Band 13	Ant WF5T NB U-NII 3	1.192 + 0.068	0.745 + 0.043	0.788
Ant 3b LTE Band 14	Ant WF5T NB U-NII 3	1.192 + 0.068	0.745 + 0.043	0.788
Ant 3b NR Band n71	Ant WF5T NB U-NII 3	1.187 + 0.068	0.742 + 0.043	0.785
Ant 3b NR Band n5	Ant WF5T NB U-NII 3	1.182 + 0.068	0.739 + 0.043	0.782
Ant 3b LTE Band 106	Ant WF5T NB U-NII 3	1.176 + 0.068	0.735 + 0.043	0.778

Table E-212

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant 1a 2.4 GHz WIFI	0.897 + 0.398	0.561 + 0.249	0.810
Ant 1a NR Band n77 DoD	Ant 1a 2.4 GHz WIFI	0.880 + 0.398	0.550 + 0.249	0.799

E.4.15.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-213

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)	SPLS Ratio
		Exposure Ratio 1	Exposure Ratio 2			
		a	b	a + b	D_{a-b}	$(a+b)^{1.5}/D_{a-b}$
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.714	0.810	1.524	120.73	0.02
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.714	0.799	1.513	120.73	0.02
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.774	0.810	1.584	120.73	0.02
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.774	0.799	1.573	120.73	0.02
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.781	0.810	1.591	120.73	0.02
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.781	0.799	1.580	120.73	0.02
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.788	0.810	1.598	120.73	0.02
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.788	0.799	1.587	120.73	0.02
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.788	0.810	1.598	120.73	0.02
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.788	0.799	1.587	120.73	0.02
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.785	0.810	1.595	120.73	0.02
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.785	0.799	1.584	120.73	0.02
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.782	0.810	1.592	120.73	0.02
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.782	0.799	1.581	120.73	0.02
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.778	0.810	1.588	120.73	0.02
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.778	0.799	1.577	120.73	0.02

E.4.15.3 Top Antenna Cluster Summation

Table E-214

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant WF5T 5 GHz WIFI	0.813 + 0.001	0.508 + 0.001	0.509
Ant 3b NR Band n77	Ant WF5T 5 GHz WIFI	0.956 + 0.001	0.598 + 0.001	0.599
Ant 3b NR Band n12	Ant WF5T 5 GHz WIFI	0.752 + 0.001	0.470 + 0.001	0.471
Ant 3b LTE Band 13	Ant WF5T 5 GHz WIFI	0.698 + 0.001	0.436 + 0.001	0.437
Ant 3b LTE Band 14	Ant WF5T 5 GHz WIFI	0.830 + 0.001	0.519 + 0.001	0.520
Ant 3b LTE Band 71	Ant WF5T 5 GHz WIFI	0.831 + 0.001	0.519 + 0.001	0.520
Ant 3b LTE Band 5	Ant WF5T 5 GHz WIFI	0.943 + 0.001	0.589 + 0.001	0.590
Ant 3b LTE Band 106	Ant WF5T 5 GHz WIFI	0.961 + 0.001	0.601 + 0.001	0.602

Table E-215

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant 1a 2.4 GHz WIFI	0.042 + 0.019	0.026 + 0.012	0.038
Ant 1a NR Band n77 DoD	Ant 1a 2.4 GHz WIFI	0.043 + 0.019	0.027 + 0.012	0.039

E.4.15.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-216

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		a	b	a + b	D _{a-b}
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.509	0.038	0.547	0.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.509	0.039	0.548	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.599	0.038	0.637	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.599	0.039	0.638	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.471	0.038	0.509	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.471	0.039	0.510	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.437	0.038	0.475	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.437	0.039	0.476	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.520	0.038	0.558	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.520	0.039	0.559	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.520	0.038	0.558	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.520	0.039	0.559	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.590	0.038	0.628	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.590	0.039	0.629	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.602	0.038	0.640	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.602	0.039	0.641	0.00

When the combination sum is less than the TER limit, no further evaluation is required.

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E.4.15.5 Bottom Antenna Cluster Summation

Table E-217

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b LTE Band 48	Ant WF5T NB U-NII 3	0.013 + 0.000	0.008 + 0.000	0.008
Ant 3b NR Band n77 DoD	Ant WF5T NB U-NII 3	0.015 + 0.000	0.009 + 0.000	0.009
Ant 3b NR Band n12	Ant WF5T NB U-NII 3	0.043 + 0.000	0.027 + 0.000	0.027
Ant 3b LTE Band 13	Ant WF5T NB U-NII 3	0.035 + 0.000	0.022 + 0.000	0.022
Ant 3b LTE Band 14	Ant WF5T NB U-NII 3	0.033 + 0.000	0.021 + 0.000	0.021
Ant 3b LTE Band 71	Ant WF5T NB U-NII 3	0.039 + 0.000	0.024 + 0.000	0.024
Ant 3b NR Band n5	Ant WF5T NB U-NII 3	0.058 + 0.000	0.036 + 0.000	0.036
Ant 3b LTE Band 106	Ant WF5T NB U-NII 3	0.038 + 0.000	0.024 + 0.000	0.024

Table E-218

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant 1b 5 GHz WIFI	0.315 + 0.392	0.197 + 0.245	0.442
Ant 1a NR Band n77 DoD	Ant 1b 5 GHz WIFI	0.259 + 0.392	0.162 + 0.245	0.407

E.4.15.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-219

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		a	b	a + b	D _{a-b}
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1b 5 GHz WIFI	0.008	0.442	0.450	12.07
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1b 5 GHz WIFI	0.008	0.407	0.415	12.07
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1b 5 GHz WIFI	0.009	0.442	0.451	12.07
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1b 5 GHz WIFI	0.009	0.407	0.416	12.07
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1b 5 GHz WIFI	0.027	0.442	0.469	12.07
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1b 5 GHz WIFI	0.027	0.407	0.434	12.07
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1b 5 GHz WIFI	0.022	0.442	0.464	12.07
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1b 5 GHz WIFI	0.022	0.407	0.429	12.07
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1b 5 GHz WIFI	0.021	0.442	0.463	12.07
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1b 5 GHz WIFI	0.021	0.407	0.428	12.07
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1b 5 GHz WIFI	0.024	0.442	0.466	12.07
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1b 5 GHz WIFI	0.024	0.407	0.431	12.07
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1b 5 GHz WIFI	0.036	0.442	0.478	12.07
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1b 5 GHz WIFI	0.036	0.407	0.443	12.07
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1b 5 GHz WIFI	0.024	0.442	0.466	12.07
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1b 5 GHz WIFI	0.024	0.407	0.431	12.07

When the combination sum is less than the TER limit, no further evaluation is required.

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E.4.15.7 Right Antenna Cluster Summation

Table E-220

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant WF5T 6 GHz WIFI	0.023 + 0.027	0.014 + 0.017	0.031
Ant 3b NR Band n77 DoD	Ant WF5T 6 GHz WIFI	0.055 + 0.027	0.034 + 0.017	0.051
Ant 3b NR Band n12	Ant WF5T 6 GHz WIFI	0.142 + 0.027	0.089 + 0.017	0.106
Ant 3b LTE Band 13	Ant WF5T 6 GHz WIFI	0.145 + 0.027	0.091 + 0.017	0.108
Ant 3b NR Band n14	Ant WF5T 6 GHz WIFI	0.135 + 0.027	0.084 + 0.017	0.101
Ant 3b NR Band n71	Ant WF5T 6 GHz WIFI	0.114 + 0.027	0.071 + 0.017	0.088
Ant 3b NR Band n5	Ant WF5T 6 GHz WIFI	0.168 + 0.027	0.105 + 0.017	0.122
Ant 3b LTE Band 106	Ant WF5T 6 GHz WIFI	0.135 + 0.027	0.084 + 0.017	0.101

Table E-221

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant 1b 6 GHz WIFI	0.016 + 0.028	0.010 + 0.018	0.028
Ant 1a NR Band n77 DoD	Ant 1b 6 GHz WIFI	0.008 + 0.028	0.005 + 0.018	0.023

E.4.15.8 Right Antenna Cluster 1 + 2 SPLSR

Table E-222

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		a	b	a + b	D _{a-b}
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant 1b 6 GHz WIFI	0.031	0.028	0.059	69.89
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1b 6 GHz WIFI	0.031	0.023	0.054	69.89
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant 1b 6 GHz WIFI	0.051	0.028	0.079	69.89
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1b 6 GHz WIFI	0.051	0.023	0.074	69.89
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant 1b 6 GHz WIFI	0.106	0.028	0.134	69.89
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1b 6 GHz WIFI	0.106	0.023	0.129	69.89
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant 1b 6 GHz WIFI	0.108	0.028	0.136	69.89
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1b 6 GHz WIFI	0.108	0.023	0.131	69.89
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant 1b 6 GHz WIFI	0.101	0.028	0.129	69.89
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1b 6 GHz WIFI	0.101	0.023	0.124	69.89
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant 1b 6 GHz WIFI	0.088	0.028	0.116	69.89
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1b 6 GHz WIFI	0.088	0.023	0.111	69.89
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant 1b 6 GHz WIFI	0.122	0.028	0.150	69.89
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1b 6 GHz WIFI	0.122	0.023	0.145	69.89
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant 1b 6 GHz WIFI	0.101	0.028	0.129	69.89
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant 1b 6 GHz WIFI	0.101	0.023	0.124	69.89

When the combination sum is less than the TER limit, no further evaluation is required.

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E.4.15.9 Left Antenna Cluster Summation

Table E-223

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant WF5T NB U-NII 3	0.042 + 0.399	0.026 + 0.249	0.275
Ant 3b NR Band n77 DoD	Ant WF5T NB U-NII 3	0.072 + 0.399	0.045 + 0.249	0.294
Ant 3b LTE Band 12	Ant WF5T NB U-NII 3	0.073 + 0.399	0.046 + 0.249	0.295
Ant 3b LTE Band 13	Ant WF5T NB U-NII 3	0.071 + 0.399	0.044 + 0.249	0.293
Ant 3b LTE Band 14	Ant WF5T NB U-NII 3	0.053 + 0.399	0.033 + 0.249	0.282
Ant 3b LTE Band 71	Ant WF5T NB U-NII 3	0.049 + 0.399	0.031 + 0.249	0.280
Ant 3b NR Band n5	Ant WF5T NB U-NII 3	0.074 + 0.399	0.046 + 0.249	0.295
Ant 3b LTE Band 106	Ant WF5T NB U-NII 3	0.054 + 0.399	0.034 + 0.249	0.283

Table E-224

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant 1a 2.4 GHz WIFI	1.179 + 0.371	0.737 + 0.232	0.969
Ant 1a NR Band n77 DoD	Ant 1a 2.4 GHz WIFI	1.167 + 0.371	0.729 + 0.232	0.961

E.4.15.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-225

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)	SPLS Ratio	Aggregate 1g Reported SAR
		Exposure Ratio 1	Exposure Ratio 2				
		a	b	a + b	D_{a-b}	$(a+b)^{1.5}/D_{a-b}$	(W/kg)
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.275	0.969	1.244	48.90	0.03	1.540
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.275	0.961	1.236	48.90	0.03	1.540
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.294	0.969	1.263	48.90	0.03	1.540
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.294	0.961	1.255	48.90	0.03	1.540
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.295	0.969	1.264	48.90	0.03	1.550
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.295	0.961	1.256	48.90	0.03	1.550
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.293	0.969	1.262	48.90	0.03	1.550
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.293	0.961	1.254	48.90	0.03	1.550
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.282	0.969	1.251	48.90	0.03	1.550
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.282	0.961	1.243	48.90	0.03	1.550
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.280	0.969	1.249	48.90	0.03	1.550
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.280	0.961	1.241	48.90	0.03	1.550
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.295	0.969	1.264	48.90	0.03	1.550
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.295	0.961	1.256	48.90	0.03	1.550
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant 1a 2.4 GHz WIFI	0.283	0.969	1.252	48.90	0.03	1.550
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.283	0.961	1.244	48.90	0.03	1.550

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E.4.16 Combination 16: AC1 (Ant 3b + Ant WF5T) and AC2 (Ant 1a + Ant WF5B)

E.4.16.1 Back Antenna Cluster Summation

Table E-226

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant WF5T NB U-NII 3	1.073 + 0.068	0.671 + 0.043	0.714
Ant 3b NR Band n77 DoD	Ant WF5T NB U-NII 3	1.170 + 0.068	0.731 + 0.043	0.774
Ant 3b LTE Band 12	Ant WF5T NB U-NII 3	1.181 + 0.068	0.738 + 0.043	0.781
Ant 3b LTE Band 13	Ant WF5T NB U-NII 3	1.192 + 0.068	0.745 + 0.043	0.788
Ant 3b LTE Band 14	Ant WF5T NB U-NII 3	1.192 + 0.068	0.745 + 0.043	0.788
Ant 3b NR Band n71	Ant WF5T NB U-NII 3	1.187 + 0.068	0.742 + 0.043	0.785
Ant 3b NR Band n5	Ant WF5T NB U-NII 3	1.182 + 0.068	0.739 + 0.043	0.782
Ant 3b LTE Band 106	Ant WF5T NB U-NII 3	1.176 + 0.068	0.735 + 0.043	0.778

Table E-227

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant WF5B 5 GHz WIFI	0.897 + 0.089	0.561 + 0.056	0.617
Ant 1a NR Band n77 DoD	Ant WF5B 5 GHz WIFI	0.880 + 0.089	0.550 + 0.056	0.606

E.4.16.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-228

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)	SPLS Ratio	Aggregate 1g Reported SAR
		Exposure Ratio 1	Exposure Ratio 2				
		a	b	a + b	D_{a-b}	$(a+b)^{1.5}/D_{a-b}$	(W/kg)
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.714	0.617	1.331	54.53	0.03	0.876
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.714	0.606	1.320	54.53	0.03	0.775
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.774	0.617	1.391	54.53	0.03	0.936
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.774	0.606	1.380	54.53	0.03	0.938
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.781	0.617	1.398	54.53	0.03	0.880
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.781	0.606	1.387	54.53	0.03	0.764
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.788	0.617	1.405	54.53	0.03	1.050
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.788	0.606	1.394	54.53	0.03	0.900
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.788	0.617	1.405	54.53	0.03	1.050
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.788	0.606	1.394	54.53	0.03	0.914
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.785	0.617	1.402	54.53	0.03	1.050
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.785	0.606	1.391	54.53	0.03	0.867
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.782	0.617	1.399	54.53	0.03	1.050
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.782	0.606	1.388	54.53	0.03	0.988
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.778	0.617	1.395	54.53	0.03	1.050
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.778	0.606	1.384	54.53	0.03	0.924

E.4.16.3 Top Antenna Cluster Summation

Table E-229

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant WF5T 5 GHz WIFI	0.813 + 0.001	0.508 + 0.001	0.509
Ant 3b NR Band n77	Ant WF5T 5 GHz WIFI	0.956 + 0.001	0.598 + 0.001	0.599
Ant 3b NR Band n12	Ant WF5T 5 GHz WIFI	0.752 + 0.001	0.470 + 0.001	0.471
Ant 3b LTE Band 13	Ant WF5T 5 GHz WIFI	0.698 + 0.001	0.436 + 0.001	0.437
Ant 3b LTE Band 14	Ant WF5T 5 GHz WIFI	0.830 + 0.001	0.519 + 0.001	0.520
Ant 3b LTE Band 71	Ant WF5T 5 GHz WIFI	0.831 + 0.001	0.519 + 0.001	0.520
Ant 3b LTE Band 5	Ant WF5T 5 GHz WIFI	0.943 + 0.001	0.589 + 0.001	0.590
Ant 3b LTE Band 106	Ant WF5T 5 GHz WIFI	0.961 + 0.001	0.601 + 0.001	0.602

Table E-230

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant WF5B NB U-NII 3	0.042 + 0.000	0.026 + 0.000	0.026
Ant 1a NR Band n77 DoD	Ant WF5B NB U-NII 3	0.043 + 0.000	0.027 + 0.000	0.027

E.4.16.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-231

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		<i>a</i>	<i>b</i>	<i>a + b</i>	<i>D_{a-b}</i>
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.509	0.026	0.535	4.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.509	0.027	0.536	4.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.599	0.026	0.625	4.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.599	0.027	0.626	4.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.471	0.026	0.497	4.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.471	0.027	0.498	4.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.437	0.026	0.463	4.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.437	0.027	0.464	4.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.520	0.026	0.546	4.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.520	0.027	0.547	4.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.520	0.026	0.546	4.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.520	0.027	0.547	4.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.590	0.026	0.616	4.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.590	0.027	0.617	4.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B NB U-NII 3	0.602	0.026	0.628	4.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B NB U-NII 3	0.602	0.027	0.629	4.00

When the combination sum is less than the TER limit, no further evaluation is required.

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DUT Type: Tablet Device			APPENDIX E: Page 117 of 366

E.4.16.5 Bottom Antenna Cluster Summation

Table E-232

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b LTE Band 48	Ant WF5T NB U-NII 3	0.013 + 0.000	0.008 + 0.000	0.008
Ant 3b NR Band n77 DoD	Ant WF5T NB U-NII 3	0.015 + 0.000	0.009 + 0.000	0.009
Ant 3b NR Band n12	Ant WF5T NB U-NII 3	0.043 + 0.000	0.027 + 0.000	0.027
Ant 3b LTE Band 13	Ant WF5T NB U-NII 3	0.035 + 0.000	0.022 + 0.000	0.022
Ant 3b LTE Band 14	Ant WF5T NB U-NII 3	0.033 + 0.000	0.021 + 0.000	0.021
Ant 3b LTE Band 71	Ant WF5T NB U-NII 3	0.039 + 0.000	0.024 + 0.000	0.024
Ant 3b NR Band n5	Ant WF5T NB U-NII 3	0.058 + 0.000	0.036 + 0.000	0.036
Ant 3b LTE Band 106	Ant WF5T NB U-NII 3	0.038 + 0.000	0.024 + 0.000	0.024

Table E-233

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant WF5B 6 GHz WIFI	0.315 + 0.024	0.197 + 0.015	0.212
Ant 1a NR Band n77 DoD	Ant WF5B 6 GHz WIFI	0.259 + 0.024	0.162 + 0.015	0.177

E.4.16.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-234

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		a	b	a + b	D _{a-b}
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.008	0.212	0.220	12.75
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.008	0.177	0.185	12.75
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.009	0.212	0.221	12.75
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.009	0.177	0.186	12.75
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.027	0.212	0.239	12.75
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.027	0.177	0.204	12.75
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.022	0.212	0.234	12.75
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.022	0.177	0.199	12.75
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.021	0.212	0.233	12.75
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.021	0.177	0.198	12.75
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.024	0.212	0.236	12.75
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.024	0.177	0.201	12.75
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.036	0.212	0.248	12.75
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.036	0.177	0.213	12.75
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 6 GHz WIFI	0.024	0.212	0.236	12.75
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 6 GHz WIFI	0.024	0.177	0.201	12.75

When the combination sum is less than the TER limit, no further evaluation is required.

E.4.16.7 Right Antenna Cluster Summation

Table E-235

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant WF5T 6 GHz WIFI	0.023 + 0.027	0.014 + 0.017	0.031
Ant 3b NR Band n77 DoD	Ant WF5T 6 GHz WIFI	0.055 + 0.027	0.034 + 0.017	0.051
Ant 3b NR Band n12	Ant WF5T 6 GHz WIFI	0.142 + 0.027	0.089 + 0.017	0.106
Ant 3b LTE Band 13	Ant WF5T 6 GHz WIFI	0.145 + 0.027	0.091 + 0.017	0.108
Ant 3b NR Band n14	Ant WF5T 6 GHz WIFI	0.135 + 0.027	0.084 + 0.017	0.101
Ant 3b NR Band n71	Ant WF5T 6 GHz WIFI	0.114 + 0.027	0.071 + 0.017	0.088
Ant 3b NR Band n5	Ant WF5T 6 GHz WIFI	0.168 + 0.027	0.105 + 0.017	0.122
Ant 3b LTE Band 106	Ant WF5T 6 GHz WIFI	0.135 + 0.027	0.084 + 0.017	0.101

Table E-236

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant WF5B 5 GHz WIFI	0.016 + 0.037	0.010 + 0.023	0.033
Ant 1a NR Band n77 DoD	Ant WF5B 5 GHz WIFI	0.008 + 0.037	0.005 + 0.023	0.028

E.4.16.8 Right Antenna Cluster 1 + 2 SPLSR

Table E-237

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		a	b	a + b	D _{a-b}
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.031	0.033	0.064	47.73
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.031	0.028	0.059	47.73
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.051	0.033	0.084	47.73
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.051	0.028	0.079	47.73
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.106	0.033	0.139	47.73
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.106	0.028	0.134	47.73
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.108	0.033	0.141	47.73
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.108	0.028	0.136	47.73
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.101	0.033	0.134	47.73
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.101	0.028	0.129	47.73
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.088	0.033	0.121	47.73
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.088	0.028	0.116	47.73
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.122	0.033	0.155	47.73
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.122	0.028	0.150	47.73
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.101	0.033	0.134	47.73
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.101	0.028	0.129	47.73

When the combination sum is less than the TER limit, no further evaluation is required.

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E.4.16.9 Left Antenna Cluster Summation

Table E-238

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant WF5T NB U-NII 3	0.042 + 0.399	0.026 + 0.249	0.275
Ant 3b NR Band n77 DoD	Ant WF5T NB U-NII 3	0.072 + 0.399	0.045 + 0.249	0.294
Ant 3b LTE Band 12	Ant WF5T NB U-NII 3	0.073 + 0.399	0.046 + 0.249	0.295
Ant 3b LTE Band 13	Ant WF5T NB U-NII 3	0.071 + 0.399	0.044 + 0.249	0.293
Ant 3b LTE Band 14	Ant WF5T NB U-NII 3	0.053 + 0.399	0.033 + 0.249	0.282
Ant 3b LTE Band 71	Ant WF5T NB U-NII 3	0.049 + 0.399	0.031 + 0.249	0.280
Ant 3b NR Band n5	Ant WF5T NB U-NII 3	0.074 + 0.399	0.046 + 0.249	0.295
Ant 3b LTE Band 106	Ant WF5T NB U-NII 3	0.054 + 0.399	0.034 + 0.249	0.283

Table E-239

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1a NR Band n48	Ant WF5B 5 GHz WIFI	1.179 + 0.400	0.737 + 0.250	0.987
Ant 1a NR Band n77 DoD	Ant WF5B 5 GHz WIFI	1.167 + 0.400	0.729 + 0.250	0.979

E.4.16.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-240

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)	SPLS Ratio	Aggregate 1g Reported SAR
		Exposure Ratio 1	Exposure Ratio 2				
		a	b	a + b	D_{a-b}	$(a+b)^{1.5}/D_{a-b}$	(W/kg)
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.275	0.987	1.262	18.39	0.08	1.240
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.275	0.979	1.254	18.39	0.08	1.220
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.294	0.987	1.281	18.39	0.08	1.250
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.294	0.979	1.273	18.39	0.08	1.220
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.295	0.987	1.282	18.39	0.08	1.250
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.295	0.979	1.274	18.39	0.08	1.230
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.293	0.987	1.280	18.39	0.08	1.250
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.293	0.979	1.272	18.39	0.08	1.230
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.282	0.987	1.269	18.39	0.08	1.250
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.282	0.979	1.261	18.39	0.08	1.230
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.280	0.987	1.267	18.39	0.08	1.250
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.280	0.979	1.259	18.39	0.08	1.230
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.295	0.987	1.282	18.39	0.08	1.250
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.295	0.979	1.274	18.39	0.08	1.230
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.283	0.987	1.270	18.39	0.08	1.250
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.283	0.979	1.262	18.39	0.08	1.230

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E.4.17 Combination 17: AC1 (Ant 3b + Ant 3a) and AC2 (Ant 1b + Ant 1a,1b)

E.4.17.1 Back Antenna Cluster Summation

Table E-241

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant 3a 2.4 GHz Bluetooth	1.073 + 0.394	0.671 + 0.246	0.917
Ant 3b NR Band n77 DoD	Ant 3a 2.4 GHz Bluetooth	1.170 + 0.394	0.731 + 0.246	0.977
Ant 3b LTE Band 12	Ant 3a 2.4 GHz Bluetooth	1.181 + 0.394	0.738 + 0.246	0.984
Ant 3b LTE Band 13	Ant 3a 2.4 GHz Bluetooth	1.192 + 0.394	0.745 + 0.246	0.991
Ant 3b LTE Band 14	Ant 3a 2.4 GHz Bluetooth	1.192 + 0.394	0.745 + 0.246	0.991
Ant 3b NR Band n71	Ant 3a 2.4 GHz Bluetooth	1.187 + 0.394	0.742 + 0.246	0.988
Ant 3b NR Band n5	Ant 3a 2.4 GHz Bluetooth	1.182 + 0.394	0.739 + 0.246	0.985
Ant 3b LTE Band 106	Ant 3a 2.4 GHz Bluetooth	1.176 + 0.394	0.735 + 0.246	0.981

Table E-242

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b UMTS 1750	Ant 1a 2.4 GHz WIFI	1.188 + 0.398	0.743 + 0.249	0.992
Ant 1b LTE Band 25	Ant 1a 2.4 GHz WIFI	1.153 + 0.398	0.721 + 0.249	0.970
Ant 1b NR Band n30	Ant 1a 2.4 GHz WIFI	1.103 + 0.398	0.689 + 0.249	0.938
Ant 1b LTE Band 7	Ant 1a 2.4 GHz WIFI	1.028 + 0.398	0.643 + 0.249	0.892
Ant 1b LTE Band 41	Ant 1a 2.4 GHz WIFI	1.156 + 0.398	0.723 + 0.249	0.972

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E.4.17.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-243

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)	SPLS Ratio
		Exposure Ratio 1	Exposure Ratio 2			
		a	b	$a + b$	D_{a-b}	$(a+b)^{1.5}/D_{a-b}$
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.917	0.992	1.909	188.13	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.917	0.970	1.887	188.13	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.917	0.938	1.855	188.13	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.917	0.892	1.809	188.13	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.917	0.972	1.889	188.13	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.977	0.992	1.969	188.13	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.977	0.970	1.947	188.13	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.977	0.938	1.915	188.13	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.977	0.892	1.869	188.13	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.977	0.972	1.949	188.13	0.01
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.984	0.992	1.976	188.13	0.01
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.984	0.970	1.954	188.13	0.01
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.984	0.938	1.922	188.13	0.01
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.984	0.892	1.876	188.13	0.01
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.984	0.972	1.956	188.13	0.01
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.991	0.992	1.983	188.13	0.01
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.991	0.970	1.961	188.13	0.01
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.991	0.938	1.929	188.13	0.01
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.991	0.892	1.883	188.13	0.01
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.991	0.972	1.963	188.13	0.01
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.991	0.992	1.983	188.13	0.01
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.991	0.970	1.961	188.13	0.01
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.991	0.938	1.929	188.13	0.01
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.991	0.892	1.883	188.13	0.01
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.991	0.972	1.963	188.13	0.01
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.988	0.992	1.980	188.13	0.01
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.988	0.970	1.958	188.13	0.01
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.988	0.938	1.926	188.13	0.01
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.988	0.892	1.880	188.13	0.01
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.988	0.972	1.960	188.13	0.01
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.985	0.992	1.977	188.13	0.01
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.985	0.970	1.955	188.13	0.01
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.985	0.938	1.923	188.13	0.01
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.985	0.892	1.877	188.13	0.01
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.985	0.972	1.957	188.13	0.01
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.981	0.992	1.973	188.13	0.01
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.981	0.970	1.951	188.13	0.01
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.981	0.938	1.919	188.13	0.01
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.981	0.892	1.873	188.13	0.01
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.981	0.972	1.953	188.13	0.01

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DUT Type: Tablet Device			APPENDIX E: Page 122 of 366

E.4.17.3 Top Antenna Cluster Summation

Table E-244

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant 3a 2.4 GHz WIFI	0.813 + 0.216	0.508 + 0.135	0.643
Ant 3b NR Band n77	Ant 3a 2.4 GHz WIFI	0.956 + 0.216	0.598 + 0.135	0.733
Ant 3b NR Band n12	Ant 3a 2.4 GHz WIFI	0.752 + 0.216	0.470 + 0.135	0.605
Ant 3b LTE Band 13	Ant 3a 2.4 GHz WIFI	0.698 + 0.216	0.436 + 0.135	0.571
Ant 3b LTE Band 14	Ant 3a 2.4 GHz WIFI	0.830 + 0.216	0.519 + 0.135	0.654
Ant 3b LTE Band 71	Ant 3a 2.4 GHz WIFI	0.831 + 0.216	0.519 + 0.135	0.654
Ant 3b LTE Band 5	Ant 3a 2.4 GHz WIFI	0.943 + 0.216	0.589 + 0.135	0.724
Ant 3b LTE Band 106	Ant 3a 2.4 GHz WIFI	0.961 + 0.216	0.601 + 0.135	0.736

Table E-245

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b NR Band n66	Ant 1a 2.4 GHz WIFI	0.017 + 0.019	0.011 + 0.012	0.023
Ant 1b LTE Band 25	Ant 1a 2.4 GHz WIFI	0.023 + 0.019	0.014 + 0.012	0.026
Ant 1b LTE Band 30	Ant 1a 2.4 GHz WIFI	0.004 + 0.019	0.003 + 0.012	0.015
Ant 1b NR Band n7	Ant 1a 2.4 GHz WIFI	0.007 + 0.019	0.004 + 0.012	0.016
Ant 1b NR Band n41	Ant 1a 2.4 GHz WIFI	0.007 + 0.019	0.004 + 0.012	0.016

E.4.17.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-246

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		<i>a</i>	<i>b</i>	<i>a + b</i>	<i>D_{a-b}</i>
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.643	0.023	0.666	13.05
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.643	0.026	0.669	13.05
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.643	0.015	0.658	13.05
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.643	0.016	0.659	13.05
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.643	0.016	0.659	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.733	0.023	0.756	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.733	0.026	0.759	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.733	0.015	0.748	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.733	0.016	0.749	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.733	0.016	0.749	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.605	0.023	0.628	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.605	0.026	0.631	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.605	0.015	0.620	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.605	0.016	0.621	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.605	0.016	0.621	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.571	0.023	0.594	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.571	0.026	0.597	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.571	0.015	0.586	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.571	0.016	0.587	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.571	0.016	0.587	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.654	0.023	0.677	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.654	0.026	0.680	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.654	0.015	0.669	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.654	0.016	0.670	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.654	0.016	0.670	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.654	0.023	0.677	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.654	0.026	0.680	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.654	0.015	0.669	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.654	0.016	0.670	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.654	0.016	0.670	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.724	0.023	0.747	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.724	0.026	0.750	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.724	0.015	0.739	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.724	0.016	0.740	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.724	0.016	0.740	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.736	0.023	0.759	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.736	0.026	0.762	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.736	0.015	0.751	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.736	0.016	0.752	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.736	0.016	0.752	13.05

When the combination sum is less than the TER limit, no further evaluation is required.

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DUT Type: Tablet Device			APPENDIX E: Page 124 of 366

E.4.17.5 Bottom Antenna Cluster Summation

Table E-247

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b LTE Band 48	Ant 3a 2.4 GHz WIFI	0.013 + 0.015	0.008 + 0.009	0.017
Ant 3b NR Band n77 DoD	Ant 3a 2.4 GHz WIFI	0.015 + 0.015	0.009 + 0.009	0.018
Ant 3b NR Band n12	Ant 3a 2.4 GHz WIFI	0.043 + 0.015	0.027 + 0.009	0.036
Ant 3b LTE Band 13	Ant 3a 2.4 GHz WIFI	0.035 + 0.015	0.022 + 0.009	0.031
Ant 3b LTE Band 14	Ant 3a 2.4 GHz WIFI	0.033 + 0.015	0.021 + 0.009	0.030
Ant 3b LTE Band 71	Ant 3a 2.4 GHz WIFI	0.039 + 0.015	0.024 + 0.009	0.033
Ant 3b NR Band n5	Ant 3a 2.4 GHz WIFI	0.058 + 0.015	0.036 + 0.009	0.045
Ant 3b LTE Band 106	Ant 3a 2.4 GHz WIFI	0.038 + 0.015	0.024 + 0.009	0.033

Table E-248

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b NR Band n70	Ant 1b 5 GHz WIFI	1.166 + 0.392	0.729 + 0.245	0.974
Ant 1b UMTS 1900	Ant 1b 5 GHz WIFI	1.183 + 0.392	0.739 + 0.245	0.984
Ant 1b LTE Band 30	Ant 1b 5 GHz WIFI	1.175 + 0.392	0.734 + 0.245	0.979
Ant 1b LTE Band 7	Ant 1b 5 GHz WIFI	1.164 + 0.392	0.728 + 0.245	0.973
Ant 1b LTE Band 41	Ant 1b 5 GHz WIFI	1.175 + 0.392	0.734 + 0.245	0.979

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E.4.17.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-249

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)	SPLS Ratio	Aggregate 1g Reported SAR
		Exposure Ratio 1	Exposure Ratio 2				
		<i>a</i>	<i>b</i>	<i>a + b</i>	<i>D_{a-b}</i>	$(a+b)^{1.5}/D_{a-b}$	(W/kg)
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.017	0.974	0.991	12.07	N/A	N/A
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.017	0.984	1.001	12.07	0.08	1.470
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.017	0.979	0.996	12.07	N/A	N/A
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.017	0.973	0.990	12.07	N/A	N/A
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.017	0.979	0.996	12.07	N/A	N/A
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.018	0.974	0.992	12.07	N/A	N/A
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.018	0.984	1.002	12.07	0.08	1.360
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.018	0.979	0.997	12.07	N/A	N/A
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.018	0.973	0.991	12.07	N/A	N/A
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.018	0.979	0.997	12.07	N/A	N/A
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.036	0.974	1.010	12.07	0.08	1.460
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.036	0.984	1.020	12.07	0.09	1.500
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.036	0.979	1.015	12.07	0.08	1.470
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.036	0.973	1.009	12.07	0.08	1.430
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.036	0.979	1.015	12.07	0.08	1.420
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.031	0.974	1.005	12.07	0.08	1.450
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.031	0.984	1.015	12.07	0.08	1.490
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.031	0.979	1.010	12.07	0.08	1.460
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.031	0.973	1.004	12.07	0.08	1.430
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.031	0.979	1.010	12.07	0.08	1.410
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.030	0.974	1.004	12.07	0.08	1.450
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.030	0.984	1.014	12.07	0.08	1.490
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.030	0.979	1.009	12.07	0.08	1.460
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.030	0.973	1.003	12.07	0.08	1.430
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.030	0.979	1.009	12.07	0.08	1.410
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.033	0.974	1.007	12.07	0.08	1.460
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.033	0.984	1.017	12.07	0.08	1.500
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.033	0.979	1.012	12.07	0.08	1.460
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.033	0.973	1.006	12.07	0.08	1.430
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.033	0.979	1.012	12.07	0.08	1.410
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.045	0.974	1.019	12.07	0.09	1.460
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.045	0.984	1.029	12.07	0.09	1.500
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.045	0.979	1.024	12.07	0.09	1.470
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.045	0.973	1.018	12.07	0.09	1.440
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.045	0.979	1.024	12.07	0.09	1.420
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.033	0.974	1.007	12.07	0.08	1.450
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.033	0.984	1.017	12.07	0.08	1.490
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.033	0.979	1.012	12.07	0.08	1.460
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.033	0.973	1.006	12.07	0.08	1.420
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.033	0.979	1.012	12.07	0.08	1.410

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E.4.17.7 Right Antenna Cluster Summation

Table E-250

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant 3a 2.4 GHz Bluetooth	0.023 + 0.331	0.014 + 0.207	0.221
Ant 3b NR Band n77 DoD	Ant 3a 2.4 GHz Bluetooth	0.055 + 0.331	0.034 + 0.207	0.241
Ant 3b NR Band n12	Ant 3a 2.4 GHz Bluetooth	0.142 + 0.331	0.089 + 0.207	0.296
Ant 3b LTE Band 13	Ant 3a 2.4 GHz Bluetooth	0.145 + 0.331	0.091 + 0.207	0.298
Ant 3b NR Band n14	Ant 3a 2.4 GHz Bluetooth	0.135 + 0.331	0.084 + 0.207	0.291
Ant 3b NR Band n71	Ant 3a 2.4 GHz Bluetooth	0.114 + 0.331	0.071 + 0.207	0.278
Ant 3b NR Band n5	Ant 3a 2.4 GHz Bluetooth	0.168 + 0.331	0.105 + 0.207	0.312
Ant 3b LTE Band 106	Ant 3a 2.4 GHz Bluetooth	0.135 + 0.331	0.084 + 0.207	0.291

Table E-251

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b LTE Band 66	Ant 1b 6 GHz WIFI	0.042 + 0.028	0.026 + 0.018	0.044
Ant 1b NR Band n25	Ant 1b 6 GHz WIFI	0.032 + 0.028	0.020 + 0.018	0.038
Ant 1b LTE Band 30	Ant 1b 6 GHz WIFI	0.029 + 0.028	0.018 + 0.018	0.036
Ant 1b LTE Band 7	Ant 1b 6 GHz WIFI	0.008 + 0.028	0.005 + 0.018	0.023
Ant 1b LTE Band 41	Ant 1b 6 GHz WIFI	0.036 + 0.028	0.023 + 0.018	0.041

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E.4.17.8 Right Antenna Cluster 1 + 2 SPLSR
Table E-252

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		<i>a</i>	<i>b</i>	<i>a + b</i>	<i>D_{a-b}</i>
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.221	0.044	0.265	112.70
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.221	0.038	0.259	112.70
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.221	0.036	0.257	112.70
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.221	0.023	0.244	112.70
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.221	0.041	0.262	112.70
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.241	0.044	0.285	112.70
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.241	0.038	0.279	112.70
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.241	0.036	0.277	112.70
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.241	0.023	0.264	112.70
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.241	0.041	0.282	112.70
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.296	0.044	0.340	112.70
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.296	0.038	0.334	112.70
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.296	0.036	0.332	112.70
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.296	0.023	0.319	112.70
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.296	0.041	0.337	112.70
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.298	0.044	0.342	112.70
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.298	0.038	0.336	112.70
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.298	0.036	0.334	112.70
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.298	0.023	0.321	112.70
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.298	0.041	0.339	112.70
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.291	0.044	0.335	112.70
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.291	0.038	0.329	112.70
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.291	0.036	0.327	112.70
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.291	0.023	0.314	112.70
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.291	0.041	0.332	112.70
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.278	0.044	0.322	112.70
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.278	0.038	0.316	112.70
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.278	0.036	0.314	112.70
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.278	0.023	0.301	112.70
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.278	0.041	0.319	112.70
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.312	0.044	0.356	112.70
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.312	0.038	0.350	112.70
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.312	0.036	0.348	112.70
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.312	0.023	0.335	112.70
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.312	0.041	0.353	112.70
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.291	0.044	0.335	112.70
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.291	0.038	0.329	112.70
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.291	0.036	0.327	112.70
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.291	0.023	0.314	112.70
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.291	0.041	0.332	112.70

When the combination sum is less than the TER limit, no further evaluation is required.

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E.4.17.9 Left Antenna Cluster Summation

Table E-253

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant 3a 2.4 GHz Bluetooth	0.042 + 0.004	0.026 + 0.003	0.029
Ant 3b NR Band n77 DoD	Ant 3a 2.4 GHz Bluetooth	0.072 + 0.004	0.045 + 0.003	0.048
Ant 3b LTE Band 12	Ant 3a 2.4 GHz Bluetooth	0.073 + 0.004	0.046 + 0.003	0.049
Ant 3b LTE Band 13	Ant 3a 2.4 GHz Bluetooth	0.071 + 0.004	0.044 + 0.003	0.047
Ant 3b LTE Band 14	Ant 3a 2.4 GHz Bluetooth	0.053 + 0.004	0.033 + 0.003	0.036
Ant 3b LTE Band 71	Ant 3a 2.4 GHz Bluetooth	0.049 + 0.004	0.031 + 0.003	0.034
Ant 3b NR Band n5	Ant 3a 2.4 GHz Bluetooth	0.074 + 0.004	0.046 + 0.003	0.049
Ant 3b LTE Band 106	Ant 3a 2.4 GHz Bluetooth	0.054 + 0.004	0.034 + 0.003	0.037

Table E-254

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b NR Band n66	Ant 1a 2.4 GHz WIFI	0.063 + 0.371	0.039 + 0.232	0.271
Ant 1b LTE Band 25	Ant 1a 2.4 GHz WIFI	0.062 + 0.371	0.039 + 0.232	0.271
Ant 1b NR Band n30	Ant 1a 2.4 GHz WIFI	0.033 + 0.371	0.021 + 0.232	0.253
Ant 1b NR Band n7	Ant 1a 2.4 GHz WIFI	0.071 + 0.371	0.044 + 0.232	0.276
Ant 1b LTE Band 41	Ant 1a 2.4 GHz WIFI	0.066 + 0.371	0.041 + 0.232	0.273

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E.4.17.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-255

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		<i>a</i>	<i>b</i>	<i>a + b</i>	<i>D_{a-b}</i>
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.029	0.271	0.300	48.90
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.029	0.271	0.300	48.90
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.029	0.253	0.282	48.90
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.029	0.276	0.305	48.90
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.029	0.273	0.302	48.90
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.048	0.271	0.319	48.90
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.048	0.271	0.319	48.90
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.048	0.253	0.301	48.90
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.048	0.276	0.324	48.90
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.048	0.273	0.321	48.90
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.049	0.271	0.320	48.90
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.049	0.271	0.320	48.90
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.049	0.253	0.302	48.90
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.049	0.276	0.325	48.90
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.049	0.273	0.322	48.90
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.047	0.271	0.318	48.90
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.047	0.271	0.318	48.90
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.047	0.253	0.300	48.90
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.047	0.276	0.323	48.90
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.047	0.273	0.320	48.90
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.036	0.271	0.307	48.90
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.036	0.271	0.307	48.90
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.036	0.253	0.289	48.90
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.036	0.276	0.312	48.90
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.036	0.273	0.309	48.90
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.034	0.271	0.305	48.90
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.034	0.271	0.305	48.90
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.034	0.253	0.287	48.90
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.034	0.276	0.310	48.90
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.034	0.273	0.307	48.90
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.049	0.271	0.320	48.90
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.049	0.271	0.320	48.90
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.049	0.253	0.302	48.90
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.049	0.276	0.325	48.90
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.049	0.273	0.322	48.90
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.037	0.271	0.308	48.90
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.037	0.271	0.308	48.90
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.037	0.253	0.290	48.90
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.037	0.276	0.313	48.90
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.037	0.273	0.310	48.90

When the combination sum is less than the TER limit, no further evaluation is required.

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DUT Type: Tablet Device			APPENDIX E: Page 130 of 366



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E.4.18 Combination 18: AC1 (Ant 3b + Ant 3a) and AC2 (Ant 1b + Ant WF5B)

E.4.18.1 Back Antenna Cluster Summation

Table E-256

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant 3a 2.4 GHz Bluetooth	1.073 + 0.394	0.671 + 0.246	0.917
Ant 3b NR Band n77 DoD	Ant 3a 2.4 GHz Bluetooth	1.170 + 0.394	0.731 + 0.246	0.977
Ant 3b LTE Band 12	Ant 3a 2.4 GHz Bluetooth	1.181 + 0.394	0.738 + 0.246	0.984
Ant 3b LTE Band 13	Ant 3a 2.4 GHz Bluetooth	1.192 + 0.394	0.745 + 0.246	0.991
Ant 3b LTE Band 14	Ant 3a 2.4 GHz Bluetooth	1.192 + 0.394	0.745 + 0.246	0.991
Ant 3b NR Band n71	Ant 3a 2.4 GHz Bluetooth	1.187 + 0.394	0.742 + 0.246	0.988
Ant 3b NR Band n5	Ant 3a 2.4 GHz Bluetooth	1.182 + 0.394	0.739 + 0.246	0.985
Ant 3b LTE Band 106	Ant 3a 2.4 GHz Bluetooth	1.176 + 0.394	0.735 + 0.246	0.981

Table E-257

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b UMTS 1750	Ant WF5B 5 GHz WIFI	1.188 + 0.089	0.743 + 0.056	0.799
Ant 1b LTE Band 25	Ant WF5B 5 GHz WIFI	1.153 + 0.089	0.721 + 0.056	0.777
Ant 1b NR Band n30	Ant WF5B 5 GHz WIFI	1.103 + 0.089	0.689 + 0.056	0.745
Ant 1b LTE Band 7	Ant WF5B 5 GHz WIFI	1.028 + 0.089	0.643 + 0.056	0.699
Ant 1b LTE Band 41	Ant WF5B 5 GHz WIFI	1.156 + 0.089	0.723 + 0.056	0.779

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E.4.18.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-258

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)	SPLS Ratio
		Exposure Ratio 1	Exposure Ratio 2			
		a	b	$a + b$	D_{a-b}	$(a+b)^{1.5}/D_{a-b}$
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.917	0.799	1.716	150.86	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.917	0.777	1.694	150.86	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.917	0.745	1.662	150.86	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.917	0.699	1.616	150.86	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.917	0.779	1.696	150.86	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.977	0.799	1.776	150.86	0.02
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.977	0.777	1.754	150.86	0.02
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.977	0.745	1.722	150.86	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.977	0.699	1.676	150.86	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.977	0.779	1.756	150.86	0.02
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.984	0.799	1.783	150.86	0.02
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.984	0.777	1.761	150.86	0.02
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.984	0.745	1.729	150.86	0.02
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.984	0.699	1.683	150.86	0.01
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.984	0.779	1.763	150.86	0.02
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.991	0.799	1.790	150.86	0.02
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.991	0.777	1.768	150.86	0.02
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.991	0.745	1.736	150.86	0.02
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.991	0.699	1.690	150.86	0.01
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.991	0.779	1.770	150.86	0.02
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.991	0.799	1.790	150.86	0.02
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.991	0.777	1.768	150.86	0.02
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.991	0.745	1.736	150.86	0.02
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.991	0.699	1.690	150.86	0.01
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.991	0.779	1.770	150.86	0.02
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.988	0.799	1.787	150.86	0.02
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.988	0.777	1.765	150.86	0.02
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.988	0.745	1.733	150.86	0.02
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.988	0.699	1.687	150.86	0.01
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.988	0.779	1.767	150.86	0.02
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.985	0.799	1.784	150.86	0.02
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.985	0.777	1.762	150.86	0.02
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.985	0.745	1.730	150.86	0.02
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.985	0.699	1.684	150.86	0.01
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.985	0.779	1.764	150.86	0.02
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.981	0.799	1.780	150.86	0.02
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.981	0.777	1.758	150.86	0.02
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.981	0.745	1.726	150.86	0.02
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.981	0.699	1.680	150.86	0.01
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.981	0.779	1.760	150.86	0.02

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DUT Type: Tablet Device			APPENDIX E: Page 132 of 366

E.4.18.3 Top Antenna Cluster Summation

Table E-259

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b NR Band n48	Ant 3a 2.4 GHz WIFI	0.813 + 0.216	0.508 + 0.135	0.643
Ant 3b NR Band n77	Ant 3a 2.4 GHz WIFI	0.956 + 0.216	0.598 + 0.135	0.733
Ant 3b NR Band n12	Ant 3a 2.4 GHz WIFI	0.752 + 0.216	0.470 + 0.135	0.605
Ant 3b LTE Band 13	Ant 3a 2.4 GHz WIFI	0.698 + 0.216	0.436 + 0.135	0.571
Ant 3b LTE Band 14	Ant 3a 2.4 GHz WIFI	0.830 + 0.216	0.519 + 0.135	0.654
Ant 3b LTE Band 71	Ant 3a 2.4 GHz WIFI	0.831 + 0.216	0.519 + 0.135	0.654
Ant 3b LTE Band 5	Ant 3a 2.4 GHz WIFI	0.943 + 0.216	0.589 + 0.135	0.724
Ant 3b LTE Band 106	Ant 3a 2.4 GHz WIFI	0.961 + 0.216	0.601 + 0.135	0.736

Table E-260

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b NR Band n66	Ant WF5B NB U-NII 3	0.017 + 0.000	0.011 + 0.000	0.011
Ant 1b LTE Band 25	Ant WF5B NB U-NII 3	0.023 + 0.000	0.014 + 0.000	0.014
Ant 1b LTE Band 30	Ant WF5B NB U-NII 3	0.004 + 0.000	0.003 + 0.000	0.003
Ant 1b NR Band n7	Ant WF5B NB U-NII 3	0.007 + 0.000	0.004 + 0.000	0.004
Ant 1b NR Band n41	Ant WF5B NB U-NII 3	0.007 + 0.000	0.004 + 0.000	0.004

E.4.18.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-261

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)
		Exposure Ratio 1	Exposure Ratio 2		
		<i>a</i>	<i>b</i>	<i>a + b</i>	<i>D_{a-b}</i>
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.643	0.011	0.654	13.05
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.643	0.014	0.657	13.05
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.643	0.003	0.646	13.05
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.643	0.004	0.647	13.05
Ant 3b NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.643	0.004	0.647	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.733	0.011	0.744	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.733	0.014	0.747	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.733	0.003	0.736	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.733	0.004	0.737	13.05
Ant 3b NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.733	0.004	0.737	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.605	0.011	0.616	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.605	0.014	0.619	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.605	0.003	0.608	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.605	0.004	0.609	13.05
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.605	0.004	0.609	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.571	0.011	0.582	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.571	0.014	0.585	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.571	0.003	0.574	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.571	0.004	0.575	13.05
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.571	0.004	0.575	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.654	0.011	0.665	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.654	0.014	0.668	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.654	0.003	0.657	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.654	0.004	0.658	13.05
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.654	0.004	0.658	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.654	0.011	0.665	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.654	0.014	0.668	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.654	0.003	0.657	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.654	0.004	0.658	13.05
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.654	0.004	0.658	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.724	0.011	0.735	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.724	0.014	0.738	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.724	0.003	0.727	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.724	0.004	0.728	13.05
Ant 3b LTE Band 5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.724	0.004	0.728	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.736	0.011	0.747	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.736	0.014	0.750	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.736	0.003	0.739	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.736	0.004	0.740	13.05
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.736	0.004	0.740	13.05

When the combination sum is less than the TER limit, no further evaluation is required.

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E.4.18.5 Bottom Antenna Cluster Summation

Table E-262

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3b LTE Band 48	Ant 3a 2.4 GHz WIFI	0.013 + 0.015	0.008 + 0.009	0.017
Ant 3b NR Band n77 DoD	Ant 3a 2.4 GHz WIFI	0.015 + 0.015	0.009 + 0.009	0.018
Ant 3b NR Band n12	Ant 3a 2.4 GHz WIFI	0.043 + 0.015	0.027 + 0.009	0.036
Ant 3b LTE Band 13	Ant 3a 2.4 GHz WIFI	0.035 + 0.015	0.022 + 0.009	0.031
Ant 3b LTE Band 14	Ant 3a 2.4 GHz WIFI	0.033 + 0.015	0.021 + 0.009	0.030
Ant 3b LTE Band 71	Ant 3a 2.4 GHz WIFI	0.039 + 0.015	0.024 + 0.009	0.033
Ant 3b NR Band n5	Ant 3a 2.4 GHz WIFI	0.058 + 0.015	0.036 + 0.009	0.045
Ant 3b LTE Band 106	Ant 3a 2.4 GHz WIFI	0.038 + 0.015	0.024 + 0.009	0.033

Table E-263

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b NR Band n70	Ant WF5B 6 GHz WIFI	1.166 + 0.024	0.729 + 0.015	0.744
Ant 1b UMTS 1900	Ant WF5B 6 GHz WIFI	1.183 + 0.024	0.739 + 0.015	0.754
Ant 1b LTE Band 30	Ant WF5B 6 GHz WIFI	1.175 + 0.024	0.734 + 0.015	0.749
Ant 1b LTE Band 7	Ant WF5B 6 GHz WIFI	1.164 + 0.024	0.728 + 0.015	0.743
Ant 1b LTE Band 41	Ant WF5B 6 GHz WIFI	1.175 + 0.024	0.734 + 0.015	0.749

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