

E.4.18.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-264

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 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.017	0.744	0.761	12.07
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.017	0.754	0.771	12.07
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.017	0.749	0.766	12.07
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.017	0.743	0.760	12.07
Ant 3b LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.017	0.749	0.766	12.07
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.018	0.744	0.762	12.07
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.018	0.754	0.772	12.07
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.018	0.749	0.767	12.07
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.018	0.743	0.761	12.07
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.018	0.749	0.767	12.07
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.036	0.744	0.780	12.07
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.036	0.754	0.790	12.07
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.036	0.749	0.785	12.07
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.036	0.743	0.779	12.07
Ant 3b NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.036	0.749	0.785	12.07
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.031	0.744	0.775	12.07
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.031	0.754	0.785	12.07
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.031	0.749	0.780	12.07
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.031	0.743	0.774	12.07
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.031	0.749	0.780	12.07
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.030	0.744	0.774	12.07
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.030	0.754	0.784	12.07
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.030	0.749	0.779	12.07
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.030	0.743	0.773	12.07
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.030	0.749	0.779	12.07
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.033	0.744	0.777	12.07
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.033	0.754	0.787	12.07
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.033	0.749	0.782	12.07
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.033	0.743	0.776	12.07
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.033	0.749	0.782	12.07
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.045	0.744	0.789	12.07
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.045	0.754	0.799	12.07
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.045	0.749	0.794	12.07
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.045	0.743	0.788	12.07
Ant 3b NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.045	0.749	0.794	12.07
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.033	0.744	0.777	12.07
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.033	0.754	0.787	12.07
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.033	0.749	0.782	12.07
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.033	0.743	0.776	12.07
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.033	0.749	0.782	12.07

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

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E.4.18.7 Right Antenna Cluster Summation

Table E-265

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-266

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b LTE Band 66	Ant WF5B 5 GHz WIFI	0.042 + 0.037	0.026 + 0.023	0.049
Ant 1b NR Band n25	Ant WF5B 5 GHz WIFI	0.032 + 0.037	0.020 + 0.023	0.043
Ant 1b LTE Band 30	Ant WF5B 5 GHz WIFI	0.029 + 0.037	0.018 + 0.023	0.041
Ant 1b LTE Band 7	Ant WF5B 5 GHz WIFI	0.008 + 0.037	0.005 + 0.023	0.028
Ant 1b LTE Band 41	Ant WF5B 5 GHz WIFI	0.036 + 0.037	0.023 + 0.023	0.046

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E.4.18.8 Right Antenna Cluster 1 + 2 SPLSR
Table E-267

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 WF5B 5 GHz WIFI	0.221	0.049	0.270	105.13
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.221	0.043	0.264	105.13
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.221	0.041	0.262	105.13
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.221	0.028	0.249	105.13
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.221	0.046	0.267	105.13
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.241	0.049	0.290	105.13
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.241	0.043	0.284	105.13
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.241	0.041	0.282	105.13
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.241	0.028	0.269	105.13
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.241	0.046	0.287	105.13
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.296	0.049	0.345	105.13
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.296	0.043	0.339	105.13
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.296	0.041	0.337	105.13
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.296	0.028	0.324	105.13
Ant 3b NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.296	0.046	0.342	105.13
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.298	0.049	0.347	105.13
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.298	0.043	0.341	105.13
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.298	0.041	0.339	105.13
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.298	0.028	0.326	105.13
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.298	0.046	0.344	105.13
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.291	0.049	0.340	105.13
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.291	0.043	0.334	105.13
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.291	0.041	0.332	105.13
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.291	0.028	0.319	105.13
Ant 3b NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.291	0.046	0.337	105.13
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.278	0.049	0.327	105.13
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.278	0.043	0.321	105.13
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.278	0.041	0.319	105.13
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.278	0.028	0.306	105.13
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.278	0.046	0.324	105.13
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.312	0.049	0.361	105.13
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.312	0.043	0.355	105.13
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.312	0.041	0.353	105.13
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.312	0.028	0.340	105.13
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.312	0.046	0.358	105.13
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.291	0.049	0.340	105.13
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.291	0.043	0.334	105.13
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.291	0.041	0.332	105.13
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.291	0.028	0.319	105.13
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.291	0.046	0.337	105.13

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

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E.4.18.9 Left Antenna Cluster Summation

Table E-268

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-269

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b NR Band n66	Ant WF5B 5 GHz WIFI	0.063 + 0.400	0.039 + 0.250	0.289
Ant 1b LTE Band 25	Ant WF5B 5 GHz WIFI	0.062 + 0.400	0.039 + 0.250	0.289
Ant 1b NR Band n30	Ant WF5B 5 GHz WIFI	0.033 + 0.400	0.021 + 0.250	0.271
Ant 1b NR Band n7	Ant WF5B 5 GHz WIFI	0.071 + 0.400	0.044 + 0.250	0.294
Ant 1b LTE Band 41	Ant WF5B 5 GHz WIFI	0.066 + 0.400	0.041 + 0.250	0.291

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E.4.18.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-270

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 WF5B 5 GHz WIFI	0.029	0.289	0.318	18.39
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.029	0.289	0.318	18.39
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.029	0.271	0.300	18.39
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.029	0.294	0.323	18.39
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.029	0.291	0.320	18.39
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.048	0.289	0.337	18.39
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.048	0.289	0.337	18.39
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.048	0.271	0.319	18.39
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.048	0.294	0.342	18.39
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.048	0.291	0.339	18.39
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.049	0.289	0.338	18.39
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.049	0.289	0.338	18.39
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.049	0.271	0.320	18.39
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.049	0.294	0.343	18.39
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.049	0.291	0.340	18.39
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.047	0.289	0.336	18.39
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.047	0.289	0.336	18.39
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.047	0.271	0.318	18.39
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.047	0.294	0.341	18.39
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.047	0.291	0.338	18.39
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.036	0.289	0.325	18.39
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.036	0.289	0.325	18.39
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.036	0.271	0.307	18.39
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.036	0.294	0.330	18.39
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.036	0.291	0.327	18.39
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.034	0.289	0.323	18.39
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.034	0.289	0.323	18.39
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.034	0.271	0.305	18.39
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.034	0.294	0.328	18.39
Ant 3b LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.034	0.291	0.325	18.39
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.049	0.289	0.338	18.39
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.049	0.289	0.338	18.39
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.049	0.271	0.320	18.39
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.049	0.294	0.343	18.39
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.049	0.291	0.340	18.39
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.037	0.289	0.326	18.39
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.037	0.289	0.326	18.39
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.037	0.271	0.308	18.39
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.037	0.294	0.331	18.39
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.037	0.291	0.328	18.39

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

FCC ID: BCGA3596	RF EXPOSURE REPORT 		Approved by: Technical Manager
DUT Type: Tablet Device			APPENDIX E: Page 140 of 366

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E.4.19 Combination 19: AC1 (Ant 3b + Ant WF5T) and AC2 (Ant 1b + Ant 1a,1b)

E.4.19.1 Back Antenna Cluster Summation

Table E-271

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-272

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.4.19.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-273

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 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.714	0.992	1.706	120.73	0.02
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.714	0.970	1.684	120.73	0.02
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.714	0.938	1.652	120.73	0.02
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.714	0.892	1.606	120.73	0.02
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.714	0.972	1.686	120.73	0.02
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.774	0.992	1.766	120.73	0.02
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.774	0.970	1.744	120.73	0.02
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.774	0.938	1.712	120.73	0.02
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.774	0.892	1.666	120.73	0.02
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.774	0.972	1.746	120.73	0.02
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.781	0.992	1.773	120.73	0.02
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.781	0.970	1.751	120.73	0.02
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.781	0.938	1.719	120.73	0.02
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.781	0.892	1.673	120.73	0.02
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.781	0.972	1.753	120.73	0.02
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.788	0.992	1.780	120.73	0.02
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.788	0.970	1.758	120.73	0.02
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.788	0.938	1.726	120.73	0.02
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.788	0.892	1.680	120.73	0.02
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.788	0.972	1.760	120.73	0.02
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.788	0.992	1.780	120.73	0.02
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.788	0.970	1.758	120.73	0.02
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.788	0.938	1.726	120.73	0.02
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.788	0.892	1.680	120.73	0.02
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.788	0.972	1.760	120.73	0.02
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.785	0.992	1.777	120.73	0.02
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.785	0.970	1.755	120.73	0.02
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.785	0.938	1.723	120.73	0.02
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.785	0.892	1.677	120.73	0.02
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.785	0.972	1.757	120.73	0.02
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.782	0.992	1.774	120.73	0.02
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.782	0.970	1.752	120.73	0.02
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.782	0.938	1.720	120.73	0.02
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.782	0.892	1.674	120.73	0.02
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.782	0.972	1.754	120.73	0.02
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.778	0.992	1.770	120.73	0.02
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.778	0.970	1.748	120.73	0.02
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.778	0.938	1.716	120.73	0.02
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.778	0.892	1.670	120.73	0.02
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.778	0.972	1.750	120.73	0.02

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DUT Type: Tablet Device			APPENDIX E: Page 142 of 366

E.4.19.3 Top Antenna Cluster Summation

Table E-274

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-275

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.4.19.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-276

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 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.509	0.023	0.532	0.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.509	0.026	0.535	0.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.509	0.015	0.524	0.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.509	0.016	0.525	0.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.509	0.016	0.525	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.599	0.023	0.622	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.599	0.026	0.625	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.599	0.015	0.614	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.599	0.016	0.615	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.599	0.016	0.615	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.471	0.023	0.494	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.471	0.026	0.497	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.471	0.015	0.486	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.471	0.016	0.487	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.471	0.016	0.487	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.437	0.023	0.460	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.437	0.026	0.463	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.437	0.015	0.452	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.437	0.016	0.453	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.437	0.016	0.453	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.520	0.023	0.543	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.520	0.026	0.546	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.520	0.015	0.535	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.520	0.016	0.536	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.520	0.016	0.536	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.520	0.023	0.543	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.520	0.026	0.546	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.520	0.015	0.535	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.520	0.016	0.536	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.520	0.016	0.536	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.590	0.023	0.613	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.590	0.026	0.616	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.590	0.015	0.605	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.590	0.016	0.606	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.590	0.016	0.606	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.602	0.023	0.625	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.602	0.026	0.628	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.602	0.015	0.617	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.602	0.016	0.618	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.602	0.016	0.618	0.00

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

FCC ID: BCGA3596	RF EXPOSURE REPORT 		Approved by: Technical Manager
DUT Type: Tablet Device			APPENDIX E: Page 144 of 366

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E.4.19.5 Bottom Antenna Cluster Summation

Table E-277

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-278

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

E.4.19.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-279

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 WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.008	0.974	0.982	12.07	N/A	N/A
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.008	0.984	0.992	12.07	N/A	N/A
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.008	0.979	0.987	12.07	N/A	N/A
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.008	0.973	0.981	12.07	N/A	N/A
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.008	0.979	0.987	12.07	N/A	N/A
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.009	0.974	0.983	12.07	N/A	N/A
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.009	0.984	0.993	12.07	N/A	N/A
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.009	0.979	0.988	12.07	N/A	N/A
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.009	0.973	0.982	12.07	N/A	N/A
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.009	0.979	0.988	12.07	N/A	N/A
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.027	0.974	1.001	12.07	0.08	1.440
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.027	0.984	1.011	12.07	0.08	1.480
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.027	0.979	1.006	12.07	0.08	1.450
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.027	0.973	1.000	12.07	N/A	N/A
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.027	0.979	1.006	12.07	0.08	1.400
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.022	0.974	0.996	12.07	N/A	N/A
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.022	0.984	1.006	12.07	0.08	1.470
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.022	0.979	1.001	12.07	0.08	1.440
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.022	0.973	0.995	12.07	N/A	N/A
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.022	0.979	1.001	12.07	0.08	1.390
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.021	0.974	0.995	12.07	N/A	N/A
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.021	0.984	1.005	12.07	0.08	1.470
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.021	0.979	1.000	12.07	N/A	N/A
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.021	0.973	0.994	12.07	N/A	N/A
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.021	0.979	1.000	12.07	N/A	N/A
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.024	0.974	0.998	12.07	N/A	N/A
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.024	0.984	1.008	12.07	0.08	1.480
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.024	0.979	1.003	12.07	0.08	1.440
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.024	0.973	0.997	12.07	N/A	N/A
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.024	0.979	1.003	12.07	0.08	1.390
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.036	0.974	1.010	12.07	0.08	1.440
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.036	0.984	1.020	12.07	0.09	1.480
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.036	0.979	1.015	12.07	0.08	1.450
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.036	0.973	1.009	12.07	0.08	1.420
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.036	0.979	1.015	12.07	0.08	1.400
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.024	0.974	0.998	12.07	N/A	N/A
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.024	0.984	1.008	12.07	0.08	1.470
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.024	0.979	1.003	12.07	0.08	1.430
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.024	0.973	0.997	12.07	N/A	N/A
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.024	0.979	1.003	12.07	0.08	1.380

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E.4.19.7 Right Antenna Cluster Summation

Table E-280

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-281

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

E.4.19.8 Right Antenna Cluster 1 + 2 SPLSR
Table E-282

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 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.031	0.044	0.075	69.89
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.031	0.038	0.069	69.89
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.031	0.036	0.067	69.89
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.031	0.023	0.054	69.89
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.031	0.041	0.072	69.89
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.051	0.044	0.095	69.89
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.051	0.038	0.089	69.89
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.051	0.036	0.087	69.89
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.051	0.023	0.074	69.89
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.051	0.041	0.092	69.89
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.106	0.044	0.150	69.89
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.106	0.038	0.144	69.89
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.106	0.036	0.142	69.89
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.106	0.023	0.129	69.89
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.106	0.041	0.147	69.89
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.108	0.044	0.152	69.89
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.108	0.038	0.146	69.89
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.108	0.036	0.144	69.89
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.108	0.023	0.131	69.89
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.108	0.041	0.149	69.89
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.101	0.044	0.145	69.89
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.101	0.038	0.139	69.89
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.101	0.036	0.137	69.89
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.101	0.023	0.124	69.89
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.101	0.041	0.142	69.89
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.088	0.044	0.132	69.89
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.088	0.038	0.126	69.89
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.088	0.036	0.124	69.89
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.088	0.023	0.111	69.89
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.088	0.041	0.129	69.89
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.122	0.044	0.166	69.89
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.122	0.038	0.160	69.89
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.122	0.036	0.158	69.89
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.122	0.023	0.145	69.89
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.122	0.041	0.163	69.89
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.101	0.044	0.145	69.89
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.101	0.038	0.139	69.89
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.101	0.036	0.137	69.89
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.101	0.023	0.124	69.89
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.101	0.041	0.142	69.89

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

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E.4.19.9 Left Antenna Cluster Summation

Table E-283

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-284

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

E.4.19.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-285

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 NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.275	0.271	0.546	48.90
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.275	0.271	0.546	48.90
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.275	0.253	0.528	48.90
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.275	0.276	0.551	48.90
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.275	0.273	0.548	48.90
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.294	0.271	0.565	48.90
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.294	0.271	0.565	48.90
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.294	0.253	0.547	48.90
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.294	0.276	0.570	48.90
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.294	0.273	0.567	48.90
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.295	0.271	0.566	48.90
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.295	0.271	0.566	48.90
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.295	0.253	0.548	48.90
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.295	0.276	0.571	48.90
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.295	0.273	0.568	48.90
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.293	0.271	0.564	48.90
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.293	0.271	0.564	48.90
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.293	0.253	0.546	48.90
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.293	0.276	0.569	48.90
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.293	0.273	0.566	48.90
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.282	0.271	0.553	48.90
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.282	0.271	0.553	48.90
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.282	0.253	0.535	48.90
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.282	0.276	0.558	48.90
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.282	0.273	0.555	48.90
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.280	0.271	0.551	48.90
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.280	0.271	0.551	48.90
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.280	0.253	0.533	48.90
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.280	0.276	0.556	48.90
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.280	0.273	0.553	48.90
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.295	0.271	0.566	48.90
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.295	0.271	0.566	48.90
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.295	0.253	0.548	48.90
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.295	0.276	0.571	48.90
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.295	0.273	0.568	48.90
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.283	0.271	0.554	48.90
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.283	0.271	0.554	48.90
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.283	0.253	0.536	48.90
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.283	0.276	0.559	48.90
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.283	0.273	0.556	48.90

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

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E.4.20 Combination 20: AC1 (Ant 3b + Ant WF5T) and AC2 (Ant 1b + Ant WF5B)

E.4.20.1 Back Antenna Cluster Summation

Table E-286

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-287

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.4.20.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-288

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>	$(a+b)^{1.5}/D_{a-b}$	<i>(W/kg)</i>
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.714	0.799	1.513	54.53	0.03	1.050
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.714	0.777	1.491	54.53	0.03	1.050
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.714	0.745	1.459	54.53	0.03	1.050
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.714	0.699	1.413	54.53	0.03	1.070
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.714	0.779	1.493	54.53	0.03	1.050
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.774	0.799	1.573	54.53	0.04	1.210
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.774	0.777	1.551	54.53	0.04	1.210
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.774	0.745	1.519	54.53	0.03	1.210
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.774	0.699	1.473	54.53	0.03	1.230
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.774	0.779	1.553	54.53	0.04	1.200
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.781	0.799	1.580	54.53	0.04	0.946
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.781	0.777	1.558	54.53	0.04	0.945
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.781	0.745	1.526	54.53	0.03	0.943
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.781	0.699	1.480	54.53	0.03	0.965
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.781	0.779	1.560	54.53	0.04	0.945
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.788	0.799	1.587	54.53	0.04	0.904
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.788	0.777	1.565	54.53	0.04	0.903
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.788	0.745	1.533	54.53	0.03	0.901
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.788	0.699	1.487	54.53	0.03	0.923
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.788	0.779	1.567	54.53	0.04	0.903
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.788	0.799	1.587	54.53	0.04	0.917
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.788	0.777	1.565	54.53	0.04	0.916
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.788	0.745	1.533	54.53	0.03	0.914
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.788	0.699	1.487	54.53	0.03	0.937
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.788	0.779	1.567	54.53	0.04	0.917
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.785	0.799	1.584	54.53	0.04	0.885
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.785	0.777	1.562	54.53	0.04	0.864
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.785	0.745	1.530	54.53	0.03	0.862
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.785	0.699	1.484	54.53	0.03	0.885
Ant 3b NR Band n71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.785	0.779	1.564	54.53	0.04	0.864
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.782	0.799	1.581	54.53	0.04	0.990
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.782	0.777	1.559	54.53	0.04	0.988
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.782	0.745	1.527	54.53	0.03	0.989
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.782	0.699	1.481	54.53	0.03	1.010
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.782	0.779	1.561	54.53	0.04	0.987
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.778	0.799	1.577	54.53	0.04	0.928
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.778	0.777	1.555	54.53	0.04	0.927
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.778	0.745	1.523	54.53	0.03	0.925
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.778	0.699	1.477	54.53	0.03	0.948
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.778	0.779	1.557	54.53	0.04	0.928

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E.4.20.3 Top Antenna Cluster Summation

Table E-289

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-290

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.4.20.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-291

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 1b NR Band n66 + Ant WF5B NB U-NII 3	0.509	0.011	0.520	0.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.509	0.014	0.523	0.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.509	0.003	0.512	0.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.509	0.004	0.513	0.00
Ant 3b NR Band n48 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.509	0.004	0.513	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.599	0.011	0.610	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.599	0.014	0.613	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.599	0.003	0.602	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.599	0.004	0.603	0.00
Ant 3b NR Band n77 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.599	0.004	0.603	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.471	0.011	0.482	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.471	0.014	0.485	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.471	0.003	0.474	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.471	0.004	0.475	0.00
Ant 3b NR Band n12 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.471	0.004	0.475	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.437	0.011	0.448	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.437	0.014	0.451	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.437	0.003	0.440	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.437	0.004	0.441	0.00
Ant 3b LTE Band 13 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.437	0.004	0.441	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.520	0.011	0.531	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.520	0.014	0.534	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.520	0.003	0.523	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.520	0.004	0.524	0.00
Ant 3b LTE Band 14 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.520	0.004	0.524	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.520	0.011	0.531	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.520	0.014	0.534	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.520	0.003	0.523	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.520	0.004	0.524	0.00
Ant 3b LTE Band 71 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.520	0.004	0.524	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.590	0.011	0.601	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.590	0.014	0.604	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.590	0.003	0.593	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.590	0.004	0.594	0.00
Ant 3b LTE Band 5 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.590	0.004	0.594	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.602	0.011	0.613	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.602	0.014	0.616	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.602	0.003	0.605	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.602	0.004	0.606	0.00
Ant 3b LTE Band 106 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.602	0.004	0.606	0.00

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

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E.4.20.5 Bottom Antenna Cluster Summation

Table E-292

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-293

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

E.4.20.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-294

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 LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.008	0.744	0.752	12.07
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.008	0.754	0.762	12.07
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.008	0.749	0.757	12.07
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.008	0.743	0.751	12.07
Ant 3b LTE Band 48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.008	0.749	0.757	12.07
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.009	0.744	0.753	12.07
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.009	0.754	0.763	12.07
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.009	0.749	0.758	12.07
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.009	0.743	0.752	12.07
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.009	0.749	0.758	12.07
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.027	0.744	0.771	12.07
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.027	0.754	0.781	12.07
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.027	0.749	0.776	12.07
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.027	0.743	0.770	12.07
Ant 3b NR Band n12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.027	0.749	0.776	12.07
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.022	0.744	0.766	12.07
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.022	0.754	0.776	12.07
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.022	0.749	0.771	12.07
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.022	0.743	0.765	12.07
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.022	0.749	0.771	12.07
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.021	0.744	0.765	12.07
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.021	0.754	0.775	12.07
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.021	0.749	0.770	12.07
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.021	0.743	0.764	12.07
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.021	0.749	0.770	12.07
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.024	0.744	0.768	12.07
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.024	0.754	0.778	12.07
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.024	0.749	0.773	12.07
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.024	0.743	0.767	12.07
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.024	0.749	0.773	12.07
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.036	0.744	0.780	12.07
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.036	0.754	0.790	12.07
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.036	0.749	0.785	12.07
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.036	0.743	0.779	12.07
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.036	0.749	0.785	12.07
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.024	0.744	0.768	12.07
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.024	0.754	0.778	12.07
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.024	0.749	0.773	12.07
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.024	0.743	0.767	12.07
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.024	0.749	0.773	12.07

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

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E.4.20.7 Right Antenna Cluster Summation

Table E-295

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-296

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b LTE Band 66	Ant WF5B 5 GHz WIFI	0.042 + 0.037	0.026 + 0.023	0.049
Ant 1b NR Band n25	Ant WF5B 5 GHz WIFI	0.032 + 0.037	0.020 + 0.023	0.043
Ant 1b LTE Band 30	Ant WF5B 5 GHz WIFI	0.029 + 0.037	0.018 + 0.023	0.041
Ant 1b LTE Band 7	Ant WF5B 5 GHz WIFI	0.008 + 0.037	0.005 + 0.023	0.028
Ant 1b LTE Band 41	Ant WF5B 5 GHz WIFI	0.036 + 0.037	0.023 + 0.023	0.046

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E.4.20.8 Right Antenna Cluster 1 + 2 SPLSR
Table E-297

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 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.031	0.049	0.080	47.73
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.031	0.043	0.074	47.73
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.031	0.041	0.072	47.73
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.031	0.028	0.059	47.73
Ant 3b NR Band n48 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.031	0.046	0.077	47.73
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.051	0.049	0.100	47.73
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.051	0.043	0.094	47.73
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.051	0.041	0.092	47.73
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.051	0.028	0.079	47.73
Ant 3b NR Band n77 DoD + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.051	0.046	0.097	47.73
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.106	0.049	0.155	47.73
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.106	0.043	0.149	47.73
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.106	0.041	0.147	47.73
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.106	0.028	0.134	47.73
Ant 3b NR Band n12 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.106	0.046	0.152	47.73
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.108	0.049	0.157	47.73
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.108	0.043	0.151	47.73
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.108	0.041	0.149	47.73
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.108	0.028	0.136	47.73
Ant 3b LTE Band 13 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.108	0.046	0.154	47.73
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.101	0.049	0.150	47.73
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.101	0.043	0.144	47.73
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.101	0.041	0.142	47.73
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.101	0.028	0.129	47.73
Ant 3b NR Band n14 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.101	0.046	0.147	47.73
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.088	0.049	0.137	47.73
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.088	0.043	0.131	47.73
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.088	0.041	0.129	47.73
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.088	0.028	0.116	47.73
Ant 3b NR Band n71 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.088	0.046	0.134	47.73
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.122	0.049	0.171	47.73
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.122	0.043	0.165	47.73
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.122	0.041	0.163	47.73
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.122	0.028	0.150	47.73
Ant 3b NR Band n5 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.122	0.046	0.168	47.73
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.101	0.049	0.150	47.73
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.101	0.043	0.144	47.73
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.101	0.041	0.142	47.73
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.101	0.028	0.129	47.73
Ant 3b LTE Band 106 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.101	0.046	0.147	47.73

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

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E.4.20.9 Left Antenna Cluster Summation

Table E-298

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-299

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 1b NR Band n66	Ant WF5B 5 GHz WIFI	0.063 + 0.400	0.039 + 0.250	0.289
Ant 1b LTE Band 25	Ant WF5B 5 GHz WIFI	0.062 + 0.400	0.039 + 0.250	0.289
Ant 1b NR Band n30	Ant WF5B 5 GHz WIFI	0.033 + 0.400	0.021 + 0.250	0.271
Ant 1b NR Band n7	Ant WF5B 5 GHz WIFI	0.071 + 0.400	0.044 + 0.250	0.294
Ant 1b LTE Band 41	Ant WF5B 5 GHz WIFI	0.066 + 0.400	0.041 + 0.250	0.291

E.4.20.10 Left Antenna Cluster 1 + 2 SPLSR
Table E-300

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 NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.275	0.289	0.564	18.39
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.275	0.289	0.564	18.39
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.275	0.271	0.546	18.39
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.275	0.294	0.569	18.39
Ant 3b NR Band n48 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.275	0.291	0.566	18.39
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.294	0.289	0.583	18.39
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.294	0.289	0.583	18.39
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.294	0.271	0.565	18.39
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.294	0.294	0.588	18.39
Ant 3b NR Band n77 DoD + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.294	0.291	0.585	18.39
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.295	0.289	0.584	18.39
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.295	0.289	0.584	18.39
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.295	0.271	0.566	18.39
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.295	0.294	0.589	18.39
Ant 3b LTE Band 12 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.295	0.291	0.586	18.39
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.293	0.289	0.582	18.39
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.293	0.289	0.582	18.39
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.293	0.271	0.564	18.39
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.293	0.294	0.587	18.39
Ant 3b LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.293	0.291	0.584	18.39
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.282	0.289	0.571	18.39
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.282	0.289	0.571	18.39
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.282	0.271	0.553	18.39
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.282	0.294	0.576	18.39
Ant 3b LTE Band 14 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.282	0.291	0.573	18.39
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.280	0.289	0.569	18.39
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.280	0.289	0.569	18.39
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.280	0.271	0.551	18.39
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.280	0.294	0.574	18.39
Ant 3b LTE Band 71 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.280	0.291	0.571	18.39
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.295	0.289	0.584	18.39
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.295	0.289	0.584	18.39
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.295	0.271	0.566	18.39
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.295	0.294	0.589	18.39
Ant 3b NR Band n5 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.295	0.291	0.586	18.39
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.283	0.289	0.572	18.39
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.283	0.289	0.572	18.39
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.283	0.271	0.554	18.39
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.283	0.294	0.577	18.39
Ant 3b LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.283	0.291	0.574	18.39

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

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E.4.21 Combination 21: AC1 (Ant 3b + Ant 3a) and AC2 (Ant 2 + Ant 1a,1b)

E.4.21.1 Back Antenna Cluster Summation

Table E-301

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-302

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 LTE Band 66	Ant 1a 2.4 GHz WIFI	1.187 + 0.398	0.742 + 0.249	0.991
Ant 2 UMTS 1900	Ant 1a 2.4 GHz WIFI	0.867 + 0.398	0.542 + 0.249	0.791
Ant 2 LTE Band 30	Ant 1a 2.4 GHz WIFI	0.870 + 0.398	0.544 + 0.249	0.793
Ant 2 LTE Band 7	Ant 1a 2.4 GHz WIFI	1.172 + 0.398	0.733 + 0.249	0.982
Ant 2 LTE Band 41	Ant 1a 2.4 GHz WIFI	1.194 + 0.398	0.746 + 0.249	0.995
Ant 2 NR Band n48	Ant 1a 2.4 GHz WIFI	1.177 + 0.398	0.736 + 0.249	0.985
Ant 2 NR Band n77 DoD	Ant 1a 2.4 GHz WIFI	1.186 + 0.398	0.741 + 0.249	0.990

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E.4.21.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-303

AC1	AC2	Standalone Values		Standalone ER Sum	Peak Separation Distance (mm)	SPLS Ratio
		Exposure Ratio 1	Exposure Ratio 2			
		<i>a</i>	<i>b</i>	<i>a + b</i>	<i>D_{a-b}</i>	$(a+b)^{1.5}/D_{a-b}$
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.917	0.991	1.908	172.44	0.02
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.917	0.791	1.708	172.44	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.917	0.793	1.710	172.44	0.01
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.917	0.982	1.899	172.44	0.02
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.917	0.995	1.912	172.44	0.02
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.917	0.985	1.902	172.44	0.02
Ant 3b NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.917	0.990	1.907	172.44	0.02
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.977	0.991	1.968	172.44	0.02
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.977	0.791	1.768	172.44	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.977	0.793	1.770	172.44	0.01
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.977	0.982	1.959	172.44	0.02
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.977	0.995	1.972	172.44	0.02
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.977	0.985	1.962	172.44	0.02
Ant 3b NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.977	0.990	1.967	172.44	0.02
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.984	0.991	1.975	172.44	0.02
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.984	0.791	1.775	172.44	0.01
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.984	0.793	1.777	172.44	0.01
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.984	0.982	1.966	172.44	0.02
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.984	0.995	1.979	172.44	0.02
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.984	0.985	1.969	172.44	0.02
Ant 3b LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.984	0.990	1.974	172.44	0.02
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.991	0.991	1.982	172.44	0.02
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.991	0.791	1.782	172.44	0.01
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.991	0.793	1.784	172.44	0.01
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.991	0.982	1.973	172.44	0.02
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.991	0.995	1.986	172.44	0.02
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.991	0.985	1.976	172.44	0.02
Ant 3b LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.991	0.990	1.981	172.44	0.02
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.991	0.991	1.982	172.44	0.02
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.991	0.791	1.782	172.44	0.01
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.991	0.793	1.784	172.44	0.01
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.991	0.982	1.973	172.44	0.02
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.991	0.995	1.986	172.44	0.02
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.991	0.985	1.976	172.44	0.02
Ant 3b LTE Band 14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.991	0.990	1.981	172.44	0.02
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.988	0.991	1.979	172.44	0.02
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.988	0.791	1.779	172.44	0.01
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.988	0.793	1.781	172.44	0.01
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.988	0.982	1.970	172.44	0.02
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.988	0.995	1.983	172.44	0.02

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Back Antenna Cluster 1 + 2 SPLSR (continued)

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 n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.988	0.985	1.973	172.44	0.02
Ant 3b NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.988	0.990	1.978	172.44	0.02
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.985	0.991	1.976	172.44	0.02
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.985	0.791	1.776	172.44	0.01
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.985	0.793	1.778	172.44	0.01
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.985	0.982	1.967	172.44	0.02
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.985	0.995	1.980	172.44	0.02
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.985	0.985	1.970	172.44	0.02
Ant 3b NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.985	0.990	1.975	172.44	0.02
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.981	0.991	1.972	172.44	0.02
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.981	0.791	1.772	172.44	0.01
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.981	0.793	1.774	172.44	0.01
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.981	0.982	1.963	172.44	0.02
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.981	0.995	1.976	172.44	0.02
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.981	0.985	1.966	172.44	0.02
Ant 3b LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.981	0.990	1.971	172.44	0.02

E.4.21.3 Top Antenna Cluster Summation

Table E-304

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-305

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 UMTS 1750	Ant 1a 2.4 GHz WIFI	0.051 + 0.019	0.032 + 0.012	0.044
Ant 2 NR Band n25	Ant 1a 2.4 GHz WIFI	0.017 + 0.019	0.011 + 0.012	0.023
Ant 2 NR Band n30	Ant 1a 2.4 GHz WIFI	0.007 + 0.019	0.004 + 0.012	0.016
Ant 2 NR Band n7	Ant 1a 2.4 GHz WIFI	0.048 + 0.019	0.030 + 0.012	0.042
Ant 2 NR Band n41	Ant 1a 2.4 GHz WIFI	0.069 + 0.019	0.043 + 0.012	0.055
Ant 2 LTE Band 48	Ant 1a 2.4 GHz WIFI	0.038 + 0.019	0.024 + 0.012	0.036
Ant 2 NR Band n77	Ant 1a 2.4 GHz WIFI	0.061 + 0.019	0.038 + 0.012	0.050

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DUT Type: Tablet Device			APPENDIX E: Page 163 of 366