

Left Antenna Cluster 1 + 2 SPLSR (continued)

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 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.661	0.236	0.897	68.73
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.661	0.241	0.902	68.73
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.729	0.256	0.985	68.73
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.729	0.248	0.977	68.73
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.729	0.235	0.964	68.73
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.729	0.243	0.972	68.73
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.729	0.236	0.965	68.73
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.729	0.236	0.965	68.73
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.729	0.241	0.970	68.73
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.169	0.256	0.425	68.73
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.169	0.248	0.417	68.73
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.169	0.235	0.404	68.73
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.169	0.243	0.412	68.73
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.169	0.236	0.405	68.73
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.169	0.236	0.405	68.73
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.169	0.241	0.410	68.73
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.192	0.256	0.448	68.73
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.192	0.248	0.440	68.73
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.192	0.235	0.427	68.73
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.192	0.243	0.435	68.73
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.192	0.236	0.428	68.73
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.192	0.236	0.428	68.73
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.192	0.241	0.433	68.73
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.209	0.256	0.465	68.73
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.209	0.248	0.457	68.73
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.209	0.235	0.444	68.73
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.209	0.243	0.452	68.73
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.209	0.236	0.445	68.73
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.209	0.236	0.445	68.73
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.209	0.241	0.450	68.73
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.163	0.256	0.419	68.73
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.163	0.248	0.411	68.73
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.163	0.235	0.398	68.73
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.163	0.243	0.406	68.73
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.163	0.236	0.399	68.73
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.163	0.236	0.399	68.73
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.163	0.241	0.404	68.73
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.298	0.256	0.554	68.73
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.298	0.248	0.546	68.73
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.298	0.235	0.533	68.73

Left Antenna Cluster 1 + 2 SPLSR (continued)

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 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.298	0.243	0.541	68.73
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.298	0.236	0.534	68.73
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.298	0.236	0.534	68.73
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.298	0.241	0.539	68.73
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.263	0.256	0.519	68.73
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.263	0.248	0.511	68.73
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.263	0.235	0.498	68.73
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.263	0.243	0.506	68.73
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.263	0.236	0.499	68.73
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.263	0.236	0.499	68.73
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.263	0.241	0.504	68.73

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

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DUT Type: Tablet Device		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.	APPENDIX E: Page 320 of 366

E.4.34 Combination 34: AC1 (Ant 4 + Ant 3a) and AC2 (Ant 2 + Ant WF5B)

E.4.34.1 Back Antenna Cluster Summation

Table E-496

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 4 UMTS 1750	Ant 3a 2.4 GHz Bluetooth	1.182 + 0.394	0.739 + 0.246	0.985
Ant 4 UMTS 1900	Ant 3a 2.4 GHz Bluetooth	0.788 + 0.394	0.493 + 0.246	0.739
Ant 4 LTE Band 30	Ant 3a 2.4 GHz Bluetooth	0.994 + 0.394	0.621 + 0.246	0.867
Ant 4 NR Band n7	Ant 3a 2.4 GHz Bluetooth	0.985 + 0.394	0.616 + 0.246	0.862
Ant 4 NR Band n41	Ant 3a 2.4 GHz Bluetooth	1.184 + 0.394	0.740 + 0.246	0.986
Ant 4 NR Band n48	Ant 3a 2.4 GHz Bluetooth	1.082 + 0.394	0.676 + 0.246	0.922
Ant 4 NR Band n77 DoD	Ant 3a 2.4 GHz Bluetooth	1.172 + 0.394	0.733 + 0.246	0.979
Ant 4 NR Band n12	Ant 3a 2.4 GHz Bluetooth	1.187 + 0.394	0.742 + 0.246	0.988
Ant 4 LTE Band 13	Ant 3a 2.4 GHz Bluetooth	1.183 + 0.394	0.739 + 0.246	0.985
Ant 4 NR Band n14	Ant 3a 2.4 GHz Bluetooth	1.192 + 0.394	0.745 + 0.246	0.991
Ant 4 LTE Band 71	Ant 3a 2.4 GHz Bluetooth	1.184 + 0.394	0.740 + 0.246	0.986
Ant 4 UMTS 850	Ant 3a 2.4 GHz Bluetooth	1.078 + 0.394	0.674 + 0.246	0.920
Ant 4 LTE Band 106	Ant 3a 2.4 GHz Bluetooth	1.152 + 0.394	0.720 + 0.246	0.966

Table E-497

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 LTE Band 66	Ant WF5B 5 GHz WIFI	1.187 + 0.089	0.742 + 0.056	0.798
Ant 2 UMTS 1900	Ant WF5B 5 GHz WIFI	0.867 + 0.089	0.542 + 0.056	0.598
Ant 2 LTE Band 30	Ant WF5B 5 GHz WIFI	0.870 + 0.089	0.544 + 0.056	0.600
Ant 2 LTE Band 7	Ant WF5B 5 GHz WIFI	1.172 + 0.089	0.733 + 0.056	0.789
Ant 2 LTE Band 41	Ant WF5B 5 GHz WIFI	1.194 + 0.089	0.746 + 0.056	0.802
Ant 2 NR Band n48	Ant WF5B 5 GHz WIFI	1.177 + 0.089	0.736 + 0.056	0.792
Ant 2 NR Band n77 DoD	Ant WF5B 5 GHz WIFI	1.186 + 0.089	0.741 + 0.056	0.797

FCC ID: BCGA3596	RF EXPOSURE REPORT		Approved by: Technical Manager
DUT Type: Tablet Device		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.	APPENDIX E: Page 321 of 366

E.4.34.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-498

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 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.985	0.798	1.783	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.985	0.598	1.583	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.985	0.600	1.585	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.985	0.789	1.774	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.985	0.802	1.787	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.985	0.792	1.777	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.985	0.797	1.782	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.739	0.798	1.537	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.739	0.598	1.337	104.74	0.01
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.739	0.600	1.339	104.74	0.01
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.739	0.789	1.528	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.739	0.802	1.541	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.739	0.792	1.531	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.739	0.797	1.536	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.867	0.798	1.665	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.867	0.598	1.465	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.867	0.600	1.467	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.867	0.789	1.656	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.867	0.802	1.669	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.867	0.792	1.659	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.867	0.797	1.664	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.862	0.798	1.660	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.862	0.598	1.460	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.862	0.600	1.462	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.862	0.789	1.651	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.862	0.802	1.664	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.862	0.792	1.654	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.862	0.797	1.659	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.986	0.798	1.784	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.986	0.598	1.584	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.986	0.600	1.586	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.986	0.789	1.775	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.986	0.802	1.788	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.986	0.792	1.778	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.986	0.797	1.783	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.922	0.798	1.720	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.922	0.598	1.520	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.922	0.600	1.522	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.922	0.789	1.711	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.922	0.802	1.724	104.74	0.02

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DUT Type: Tablet Device			APPENDIX E: Page 322 of 366

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 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.922	0.792	1.714	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.922	0.797	1.719	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.979	0.798	1.777	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.979	0.598	1.577	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.979	0.600	1.579	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.979	0.789	1.768	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.979	0.802	1.781	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.979	0.792	1.771	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.979	0.797	1.776	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.988	0.798	1.786	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.988	0.598	1.586	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.988	0.600	1.588	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.988	0.789	1.777	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.988	0.802	1.790	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.988	0.792	1.780	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.988	0.797	1.785	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.985	0.798	1.783	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.985	0.598	1.583	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.985	0.600	1.585	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.985	0.789	1.774	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.985	0.802	1.787	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.985	0.792	1.777	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.985	0.797	1.782	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.991	0.798	1.789	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.991	0.598	1.589	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.991	0.600	1.591	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.991	0.789	1.780	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.991	0.802	1.793	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.991	0.792	1.783	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.991	0.797	1.788	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.986	0.798	1.784	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.986	0.598	1.584	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.986	0.600	1.586	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.986	0.789	1.775	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.986	0.802	1.788	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.986	0.792	1.778	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.986	0.797	1.783	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.920	0.798	1.718	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.920	0.598	1.518	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.920	0.600	1.520	104.74	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 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.920	0.789	1.709	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.920	0.802	1.722	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.920	0.792	1.712	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.920	0.797	1.717	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.966	0.798	1.764	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.966	0.598	1.564	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.966	0.600	1.566	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.966	0.789	1.755	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.966	0.802	1.768	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.966	0.792	1.758	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.966	0.797	1.763	104.74	0.02

E.4.34.3 Top Antenna Cluster Summation

Table E-499

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 4 NR Band n66	Ant 3a 2.4 GHz WIFI	0.643 + 0.216	0.402 + 0.135	0.537
Ant 4 LTE Band 25	Ant 3a 2.4 GHz WIFI	1.182 + 0.216	0.739 + 0.135	0.874
Ant 4 NR Band n30	Ant 3a 2.4 GHz WIFI	1.189 + 0.216	0.743 + 0.135	0.878
Ant 4 LTE Band 7	Ant 3a 2.4 GHz WIFI	1.163 + 0.216	0.727 + 0.135	0.862
Ant 4 LTE Band 41	Ant 3a 2.4 GHz WIFI	1.163 + 0.216	0.727 + 0.135	0.862
Ant 4 NR Band n48	Ant 3a 2.4 GHz WIFI	0.311 + 0.216	0.194 + 0.135	0.329
Ant 4 NR Band n77 DoD	Ant 3a 2.4 GHz WIFI	0.683 + 0.216	0.427 + 0.135	0.562
Ant 4 NR Band n12	Ant 3a 2.4 GHz WIFI	0.808 + 0.216	0.505 + 0.135	0.640
Ant 4 LTE Band 13	Ant 3a 2.4 GHz WIFI	0.582 + 0.216	0.364 + 0.135	0.499
Ant 4 LTE Band 14	Ant 3a 2.4 GHz WIFI	0.886 + 0.216	0.554 + 0.135	0.689
Ant 4 LTE Band 71	Ant 3a 2.4 GHz WIFI	0.781 + 0.216	0.488 + 0.135	0.623
Ant 4 NR Band n5	Ant 3a 2.4 GHz WIFI	1.189 + 0.216	0.743 + 0.135	0.878
Ant 4 LTE Band 106	Ant 3a 2.4 GHz WIFI	0.812 + 0.216	0.508 + 0.135	0.643

Table E-500

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 UMTS 1750	Ant WF5B NB U-NII 3	0.051 + 0.000	0.032 + 0.000	0.032
Ant 2 NR Band n25	Ant WF5B NB U-NII 3	0.017 + 0.000	0.011 + 0.000	0.011
Ant 2 NR Band n30	Ant WF5B NB U-NII 3	0.007 + 0.000	0.004 + 0.000	0.004
Ant 2 NR Band n7	Ant WF5B NB U-NII 3	0.048 + 0.000	0.030 + 0.000	0.030
Ant 2 NR Band n41	Ant WF5B NB U-NII 3	0.069 + 0.000	0.043 + 0.000	0.043
Ant 2 LTE Band 48	Ant WF5B NB U-NII 3	0.038 + 0.000	0.024 + 0.000	0.024
Ant 2 NR Band n77	Ant WF5B NB U-NII 3	0.061 + 0.000	0.038 + 0.000	0.038

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E.4.34.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-501

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 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.537	0.032	0.569	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.537	0.011	0.548	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.537	0.004	0.541	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.537	0.030	0.567	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.537	0.043	0.580	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.537	0.024	0.561	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.537	0.038	0.575	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.874	0.032	0.906	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.874	0.011	0.885	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.874	0.004	0.878	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.874	0.030	0.904	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.874	0.043	0.917	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.874	0.024	0.898	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.874	0.038	0.912	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.878	0.032	0.910	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.878	0.011	0.889	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.878	0.004	0.882	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.878	0.030	0.908	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.878	0.043	0.921	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.878	0.024	0.902	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.878	0.038	0.916	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.862	0.032	0.894	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.862	0.011	0.873	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.862	0.004	0.866	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.862	0.030	0.892	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.862	0.043	0.905	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.862	0.024	0.886	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.862	0.038	0.900	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.862	0.032	0.894	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.862	0.011	0.873	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.862	0.004	0.866	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.862	0.030	0.892	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.862	0.043	0.905	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.862	0.024	0.886	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.862	0.038	0.900	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.329	0.032	0.361	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.329	0.011	0.340	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.329	0.004	0.333	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.329	0.030	0.359	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.329	0.043	0.372	1.17

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Top Antenna Cluster 1 + 2 SPLSR (continued)

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 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.329	0.024	0.353	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.329	0.038	0.367	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.562	0.032	0.594	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.562	0.011	0.573	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.562	0.004	0.566	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.562	0.030	0.592	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.562	0.043	0.605	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.562	0.024	0.586	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.562	0.038	0.600	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.640	0.032	0.672	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.640	0.011	0.651	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.640	0.004	0.644	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.640	0.030	0.670	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.640	0.043	0.683	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.640	0.024	0.664	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.640	0.038	0.678	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.499	0.032	0.531	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.499	0.011	0.510	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.499	0.004	0.503	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.499	0.030	0.529	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.499	0.043	0.542	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.499	0.024	0.523	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.499	0.038	0.537	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.689	0.032	0.721	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.689	0.011	0.700	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.689	0.004	0.693	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.689	0.030	0.719	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.689	0.043	0.732	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.689	0.024	0.713	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.689	0.038	0.727	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.623	0.032	0.655	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.623	0.011	0.634	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.623	0.004	0.627	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.623	0.030	0.653	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.623	0.043	0.666	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.623	0.024	0.647	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.623	0.038	0.661	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.878	0.032	0.910	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.878	0.011	0.889	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.878	0.004	0.882	1.17

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Top Antenna Cluster 1 + 2 SPLSR (continued)

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 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.878	0.030	0.908	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.878	0.043	0.921	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.878	0.024	0.902	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.878	0.038	0.916	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.643	0.032	0.675	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.643	0.011	0.654	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.643	0.004	0.647	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.643	0.030	0.673	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.643	0.043	0.686	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.643	0.024	0.667	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.643	0.038	0.681	1.17

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

E.4.34.5 Bottom Antenna Cluster Summation

Table E-502

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 4 NR Band n70	Ant 3a 2.4 GHz WIFI	0.065 + 0.015	0.041 + 0.009	0.050
Ant 4 UMTS 1900	Ant 3a 2.4 GHz WIFI	0.023 + 0.015	0.014 + 0.009	0.023
Ant 4 LTE Band 30	Ant 3a 2.4 GHz WIFI	0.035 + 0.015	0.022 + 0.009	0.031
Ant 4 NR Band n7	Ant 3a 2.4 GHz WIFI	0.024 + 0.015	0.015 + 0.009	0.024
Ant 4 LTE Band 41	Ant 3a 2.4 GHz WIFI	0.032 + 0.015	0.020 + 0.009	0.029
Ant 4 LTE Band 48	Ant 3a 2.4 GHz WIFI	0.042 + 0.015	0.026 + 0.009	0.035
Ant 4 NR Band n77	Ant 3a 2.4 GHz WIFI	0.049 + 0.015	0.031 + 0.009	0.040
Ant 4 NR Band n12	Ant 3a 2.4 GHz WIFI	0.032 + 0.015	0.020 + 0.009	0.029
Ant 4 LTE Band 13	Ant 3a 2.4 GHz WIFI	0.037 + 0.015	0.023 + 0.009	0.032
Ant 4 NR Band n14	Ant 3a 2.4 GHz WIFI	0.050 + 0.015	0.031 + 0.009	0.040
Ant 4 LTE Band 71	Ant 3a 2.4 GHz WIFI	0.052 + 0.015	0.033 + 0.009	0.042
Ant 4 NR Band n26	Ant 3a 2.4 GHz WIFI	0.127 + 0.015	0.079 + 0.009	0.088
Ant 4 LTE Band 106	Ant 3a 2.4 GHz WIFI	0.080 + 0.015	0.050 + 0.009	0.059

Table E-503

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 NR Band n70	Ant WF5B 6 GHz WIFI	1.182 + 0.024	0.739 + 0.015	0.754
Ant 2 NR Band n25	Ant WF5B 6 GHz WIFI	1.186 + 0.024	0.741 + 0.015	0.756
Ant 2 NR Band n30	Ant WF5B 6 GHz WIFI	1.194 + 0.024	0.746 + 0.015	0.761
Ant 2 NR Band n7	Ant WF5B 6 GHz WIFI	0.615 + 0.024	0.384 + 0.015	0.399
Ant 2 NR Band n41	Ant WF5B 6 GHz WIFI	0.466 + 0.024	0.291 + 0.015	0.306
Ant 2 NR Band n48	Ant WF5B 6 GHz WIFI	0.311 + 0.024	0.194 + 0.015	0.209
Ant 2 NR Band n77	Ant WF5B 6 GHz WIFI	1.033 + 0.024	0.646 + 0.015	0.661

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E.4.34.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-504

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 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.050	0.754	0.804	0.00
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.050	0.756	0.806	0.00
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.050	0.761	0.811	0.00
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.050	0.399	0.449	0.00
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.050	0.306	0.356	0.00
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.050	0.209	0.259	0.00
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.050	0.661	0.711	0.00
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.023	0.754	0.777	0.00
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.023	0.756	0.779	0.00
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.023	0.761	0.784	0.00
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.023	0.399	0.422	0.00
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.023	0.306	0.329	0.00
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.023	0.209	0.232	0.00
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.023	0.661	0.684	0.00
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.031	0.754	0.785	0.00
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.031	0.756	0.787	0.00
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.031	0.761	0.792	0.00
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.031	0.399	0.430	0.00
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.031	0.306	0.337	0.00
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.031	0.209	0.240	0.00
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.031	0.661	0.692	0.00
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.024	0.754	0.778	0.00
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.024	0.756	0.780	0.00
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.024	0.761	0.785	0.00
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.024	0.399	0.423	0.00
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.024	0.306	0.330	0.00
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.024	0.209	0.233	0.00
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.024	0.661	0.685	0.00
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.029	0.754	0.783	0.00
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.029	0.756	0.785	0.00
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.029	0.761	0.790	0.00
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.029	0.399	0.428	0.00
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.029	0.306	0.335	0.00
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.029	0.209	0.238	0.00
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.029	0.661	0.690	0.00
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.035	0.754	0.789	0.00
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.035	0.756	0.791	0.00
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.035	0.761	0.796	0.00
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.035	0.399	0.434	0.00
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.035	0.306	0.341	0.00

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Bottom Antenna Cluster 1 + 2 SPLSR (continued)

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 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.035	0.209	0.244	0.00
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.035	0.661	0.696	0.00
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.040	0.754	0.794	0.00
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.040	0.756	0.796	0.00
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.040	0.761	0.801	0.00
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.040	0.399	0.439	0.00
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.040	0.306	0.346	0.00
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.040	0.209	0.249	0.00
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.040	0.661	0.701	0.00
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.029	0.754	0.783	0.00
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.029	0.756	0.785	0.00
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.029	0.761	0.790	0.00
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.029	0.399	0.428	0.00
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.029	0.306	0.335	0.00
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.029	0.209	0.238	0.00
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.029	0.661	0.690	0.00
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.032	0.754	0.786	0.00
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.032	0.756	0.788	0.00
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.032	0.761	0.793	0.00
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.032	0.399	0.431	0.00
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.032	0.306	0.338	0.00
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.032	0.209	0.241	0.00
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.032	0.661	0.693	0.00
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.040	0.754	0.794	0.00
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.040	0.756	0.796	0.00
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.040	0.761	0.801	0.00
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.040	0.399	0.439	0.00
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.040	0.306	0.346	0.00
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.040	0.209	0.249	0.00
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.040	0.661	0.701	0.00
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.042	0.754	0.796	0.00
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.042	0.756	0.798	0.00
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.042	0.761	0.803	0.00
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.042	0.399	0.441	0.00
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.042	0.306	0.348	0.00
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.042	0.209	0.251	0.00
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.042	0.661	0.703	0.00
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.088	0.754	0.842	0.00
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.088	0.756	0.844	0.00
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.088	0.761	0.849	0.00

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Bottom Antenna Cluster 1 + 2 SPLSR (continued)

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 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.088	0.399	0.487	0.00
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.088	0.306	0.394	0.00
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.088	0.209	0.297	0.00
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.088	0.661	0.749	0.00
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.059	0.754	0.813	0.00
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.059	0.756	0.815	0.00
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.059	0.761	0.820	0.00
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.059	0.399	0.458	0.00
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.059	0.306	0.365	0.00
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.059	0.209	0.268	0.00
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.059	0.661	0.720	0.00

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

E.4.34.7 Right Antenna Cluster Summation

Table E-505

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 4 NR Band n70	Ant 3a 2.4 GHz Bluetooth	0.035 + 0.331	0.022 + 0.207	0.229
Ant 4 LTE Band 25	Ant 3a 2.4 GHz Bluetooth	0.009 + 0.331	0.006 + 0.207	0.213
Ant 4 LTE Band 30	Ant 3a 2.4 GHz Bluetooth	0.004 + 0.331	0.003 + 0.207	0.210
Ant 4 NR Band n7	Ant 3a 2.4 GHz Bluetooth	0.006 + 0.331	0.004 + 0.207	0.211
Ant 4 NR Band n41	Ant 3a 2.4 GHz Bluetooth	0.018 + 0.331	0.011 + 0.207	0.218
Ant 4 LTE Band 48	Ant 3a 2.4 GHz Bluetooth	0.014 + 0.331	0.009 + 0.207	0.216
Ant 4 NR Band n77	Ant 3a 2.4 GHz Bluetooth	0.017 + 0.331	0.011 + 0.207	0.218
Ant 4 LTE Band 12	Ant 3a 2.4 GHz Bluetooth	0.063 + 0.331	0.039 + 0.207	0.246
Ant 4 LTE Band 13	Ant 3a 2.4 GHz Bluetooth	0.074 + 0.331	0.046 + 0.207	0.253
Ant 4 NR Band n14	Ant 3a 2.4 GHz Bluetooth	0.121 + 0.331	0.076 + 0.207	0.283
Ant 4 NR Band n71	Ant 3a 2.4 GHz Bluetooth	0.103 + 0.331	0.064 + 0.207	0.271
Ant 4 NR Band n5	Ant 3a 2.4 GHz Bluetooth	0.141 + 0.331	0.088 + 0.207	0.295
Ant 4 LTE Band 106	Ant 3a 2.4 GHz Bluetooth	0.111 + 0.331	0.069 + 0.207	0.276

Table E-506

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 NR Band n70	Ant WF5B 5 GHz WIFI	0.218 + 0.037	0.136 + 0.023	0.159
Ant 2 UMTS 1900	Ant WF5B 5 GHz WIFI	0.330 + 0.037	0.206 + 0.023	0.229
Ant 2 NR Band n30	Ant WF5B 5 GHz WIFI	0.195 + 0.037	0.122 + 0.023	0.145
Ant 2 NR Band n7	Ant WF5B 5 GHz WIFI	1.057 + 0.037	0.661 + 0.023	0.684
Ant 2 NR Band n41	Ant WF5B 5 GHz WIFI	1.022 + 0.037	0.639 + 0.023	0.662
Ant 2 NR Band n48	Ant WF5B 5 GHz WIFI	0.770 + 0.037	0.481 + 0.023	0.504
Ant 2 NR Band n77	Ant WF5B 5 GHz WIFI	1.177 + 0.037	0.736 + 0.023	0.759

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E.4.34.8 Right Antenna Cluster 1 + 2 SPLSR
Table E-507

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 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.229	0.159	0.388	30.28	N/A	N/A
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.229	0.229	0.458	30.28	N/A	N/A
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.229	0.145	0.374	30.28	N/A	N/A
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.229	0.684	0.913	30.28	N/A	N/A
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.229	0.662	0.891	30.28	N/A	N/A
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.229	0.504	0.733	30.28	N/A	N/A
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.229	0.759	0.988	30.28	N/A	N/A
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.213	0.159	0.372	30.28	N/A	N/A
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.213	0.229	0.442	30.28	N/A	N/A
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.213	0.145	0.358	30.28	N/A	N/A
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.213	0.684	0.897	30.28	N/A	N/A
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.213	0.662	0.875	30.28	N/A	N/A
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.213	0.504	0.717	30.28	N/A	N/A
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.213	0.759	0.972	30.28	N/A	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.210	0.159	0.369	30.28	N/A	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.210	0.229	0.439	30.28	N/A	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.210	0.145	0.355	30.28	N/A	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.210	0.684	0.894	30.28	N/A	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.210	0.662	0.872	30.28	N/A	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.210	0.504	0.714	30.28	N/A	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.210	0.759	0.969	30.28	N/A	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.211	0.159	0.370	30.28	N/A	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.211	0.229	0.440	30.28	N/A	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.211	0.145	0.356	30.28	N/A	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.211	0.684	0.895	30.28	N/A	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.211	0.662	0.873	30.28	N/A	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.211	0.504	0.715	30.28	N/A	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.211	0.759	0.970	30.28	N/A	N/A
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.218	0.159	0.377	30.28	N/A	N/A
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.218	0.229	0.447	30.28	N/A	N/A
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.218	0.145	0.363	30.28	N/A	N/A
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.218	0.684	0.902	30.28	N/A	N/A
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.218	0.662	0.880	30.28	N/A	N/A
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.218	0.504	0.722	30.28	N/A	N/A
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.218	0.759	0.977	30.28	N/A	N/A
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.216	0.159	0.375	30.28	N/A	N/A
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.216	0.229	0.445	30.28	N/A	N/A
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.216	0.145	0.361	30.28	N/A	N/A
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.216	0.684	0.900	30.28	N/A	N/A
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.216	0.662	0.878	30.28	N/A	N/A

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Right Antenna Cluster 1 + 2 SPLSR (continued)

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 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.216	0.504	0.720	30.28	N/A	N/A
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.216	0.759	0.975	30.28	N/A	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.218	0.159	0.377	30.28	N/A	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.218	0.229	0.447	30.28	N/A	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.218	0.145	0.363	30.28	N/A	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.218	0.684	0.902	30.28	N/A	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.218	0.662	0.880	30.28	N/A	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.218	0.504	0.722	30.28	N/A	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.218	0.759	0.977	30.28	N/A	N/A
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.246	0.159	0.405	30.28	N/A	N/A
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.246	0.229	0.475	30.28	N/A	N/A
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.246	0.145	0.391	30.28	N/A	N/A
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.246	0.684	0.930	30.28	N/A	N/A
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.246	0.662	0.908	30.28	N/A	N/A
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.246	0.504	0.750	30.28	N/A	N/A
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.246	0.759	1.005	30.28	0.03	1.280
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.253	0.159	0.412	30.28	N/A	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.253	0.229	0.482	30.28	N/A	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.253	0.145	0.398	30.28	N/A	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.253	0.684	0.937	30.28	N/A	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.253	0.662	0.915	30.28	N/A	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.253	0.504	0.757	30.28	N/A	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.253	0.759	1.012	30.28	0.03	1.280
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.283	0.159	0.442	30.28	N/A	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.283	0.229	0.512	30.28	N/A	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.283	0.145	0.428	30.28	N/A	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.283	0.684	0.967	30.28	N/A	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.283	0.662	0.945	30.28	N/A	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.283	0.504	0.787	30.28	N/A	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.283	0.759	1.042	30.28	0.04	1.300
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.271	0.159	0.430	30.28	N/A	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.271	0.229	0.500	30.28	N/A	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.271	0.145	0.416	30.28	N/A	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.271	0.684	0.955	30.28	N/A	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.271	0.662	0.933	30.28	N/A	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.271	0.504	0.775	30.28	N/A	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.271	0.759	1.030	30.28	0.03	1.290
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.295	0.159	0.454	30.28	N/A	N/A
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.295	0.229	0.524	30.28	N/A	N/A
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.295	0.145	0.440	30.28	N/A	N/A

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Right Antenna Cluster 1 + 2 SPLSR (continued)

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 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.295	0.684	0.979	30.28	N/A	N/A
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.295	0.662	0.957	30.28	N/A	N/A
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.295	0.504	0.799	30.28	N/A	N/A
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.295	0.759	1.054	30.28	0.04	1.310
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant WF5B 5 GHz WIFI	0.276	0.159	0.435	30.28	N/A	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.276	0.229	0.505	30.28	N/A	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant WF5B 5 GHz WIFI	0.276	0.145	0.421	30.28	N/A	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant WF5B 5 GHz WIFI	0.276	0.684	0.960	30.28	N/A	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.276	0.662	0.938	30.28	N/A	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.276	0.504	0.780	30.28	N/A	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant WF5B 5 GHz WIFI	0.276	0.759	1.035	30.28	0.03	1.290

E.4.34.9 Left Antenna Cluster Summation

Table E-508

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 4 NR Band n66	Ant 3a 2.4 GHz Bluetooth	0.576 + 0.004	0.360 + 0.003	0.363
Ant 4 NR Band n25	Ant 3a 2.4 GHz Bluetooth	0.387 + 0.004	0.242 + 0.003	0.245
Ant 4 LTE Band 30	Ant 3a 2.4 GHz Bluetooth	0.620 + 0.004	0.388 + 0.003	0.391
Ant 4 NR Band n7	Ant 3a 2.4 GHz Bluetooth	0.494 + 0.004	0.309 + 0.003	0.312
Ant 4 LTE Band 41	Ant 3a 2.4 GHz Bluetooth	1.019 + 0.004	0.637 + 0.003	0.640
Ant 4 NR Band n48	Ant 3a 2.4 GHz Bluetooth	1.053 + 0.004	0.658 + 0.003	0.661
Ant 4 NR Band n77	Ant 3a 2.4 GHz Bluetooth	1.162 + 0.004	0.726 + 0.003	0.729
Ant 4 NR Band n12	Ant 3a 2.4 GHz Bluetooth	0.266 + 0.004	0.166 + 0.003	0.169
Ant 4 LTE Band 13	Ant 3a 2.4 GHz Bluetooth	0.302 + 0.004	0.189 + 0.003	0.192
Ant 4 NR Band n14	Ant 3a 2.4 GHz Bluetooth	0.329 + 0.004	0.206 + 0.003	0.209
Ant 4 NR Band n71	Ant 3a 2.4 GHz Bluetooth	0.256 + 0.004	0.160 + 0.003	0.163
Ant 4 LTE Band 5	Ant 3a 2.4 GHz Bluetooth	0.472 + 0.004	0.295 + 0.003	0.298
Ant 4 LTE Band 106	Ant 3a 2.4 GHz Bluetooth	0.416 + 0.004	0.260 + 0.003	0.263

Table E-509

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 UMTS 1750	Ant WF5B 5 GHz WIFI	0.039 + 0.400	0.024 + 0.250	0.274
Ant 2 NR Band n25	Ant WF5B 5 GHz WIFI	0.025 + 0.400	0.016 + 0.250	0.266
Ant 2 LTE Band 30	Ant WF5B 5 GHz WIFI	0.004 + 0.400	0.003 + 0.250	0.253
Ant 2 LTE Band 7	Ant WF5B 5 GHz WIFI	0.018 + 0.400	0.011 + 0.250	0.261
Ant 2 NR Band n41	Ant WF5B 5 GHz WIFI	0.007 + 0.400	0.004 + 0.250	0.254
Ant 2 NR Band n48	Ant WF5B 5 GHz WIFI	0.006 + 0.400	0.004 + 0.250	0.254
Ant 2 NR Band n77 DoD	Ant WF5B 5 GHz WIFI	0.014 + 0.400	0.009 + 0.250	0.259

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E.4.34.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-510

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 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.363	0.274	0.637	61.32	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.363	0.266	0.629	61.32	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.363	0.253	0.616	61.32	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.363	0.261	0.624	61.32	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.363	0.254	0.617	61.32	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.363	0.254	0.617	61.32	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.363	0.259	0.622	61.32	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.245	0.274	0.519	61.32	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.245	0.266	0.511	61.32	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.245	0.253	0.498	61.32	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.245	0.261	0.506	61.32	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.245	0.254	0.499	61.32	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.245	0.254	0.499	61.32	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.245	0.259	0.504	61.32	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.391	0.274	0.665	61.32	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.391	0.266	0.657	61.32	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.391	0.253	0.644	61.32	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.391	0.261	0.652	61.32	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.391	0.254	0.645	61.32	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.391	0.254	0.645	61.32	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.391	0.259	0.650	61.32	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.312	0.274	0.586	61.32	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.312	0.266	0.578	61.32	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.312	0.253	0.565	61.32	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.312	0.261	0.573	61.32	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.312	0.254	0.566	61.32	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.312	0.254	0.566	61.32	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.312	0.259	0.571	61.32	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.640	0.274	0.914	61.32	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.640	0.266	0.906	61.32	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.640	0.253	0.893	61.32	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.640	0.261	0.901	61.32	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.640	0.254	0.894	61.32	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.640	0.254	0.894	61.32	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.640	0.259	0.899	61.32	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.661	0.274	0.935	61.32	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.661	0.266	0.927	61.32	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.661	0.253	0.914	61.32	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.661	0.261	0.922	61.32	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.661	0.254	0.915	61.32	N/A

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Left 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 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.661	0.254	0.915	61.32	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.661	0.259	0.920	61.32	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.729	0.274	1.003	61.32	0.02
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.729	0.266	0.995	61.32	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.729	0.253	0.982	61.32	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.729	0.261	0.990	61.32	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.729	0.254	0.983	61.32	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.729	0.254	0.983	61.32	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.729	0.259	0.988	61.32	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.169	0.274	0.443	61.32	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.169	0.266	0.435	61.32	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.169	0.253	0.422	61.32	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.169	0.261	0.430	61.32	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.169	0.254	0.423	61.32	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.169	0.254	0.423	61.32	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.169	0.259	0.428	61.32	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.192	0.274	0.466	61.32	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.192	0.266	0.458	61.32	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.192	0.253	0.445	61.32	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.192	0.261	0.453	61.32	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.192	0.254	0.446	61.32	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.192	0.254	0.446	61.32	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.192	0.259	0.451	61.32	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.209	0.274	0.483	61.32	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.209	0.266	0.475	61.32	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.209	0.253	0.462	61.32	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.209	0.261	0.470	61.32	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.209	0.254	0.463	61.32	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.209	0.254	0.463	61.32	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.209	0.259	0.468	61.32	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.163	0.274	0.437	61.32	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.163	0.266	0.429	61.32	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.163	0.253	0.416	61.32	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.163	0.261	0.424	61.32	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.163	0.254	0.417	61.32	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.163	0.254	0.417	61.32	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.163	0.259	0.422	61.32	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.298	0.274	0.572	61.32	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.298	0.266	0.564	61.32	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.298	0.253	0.551	61.32	N/A

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Left 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 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.298	0.261	0.559	61.32	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.298	0.254	0.552	61.32	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.298	0.254	0.552	61.32	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.298	0.259	0.557	61.32	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant WF5B 5 GHz WIFI	0.263	0.274	0.537	61.32	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant WF5B 5 GHz WIFI	0.263	0.266	0.529	61.32	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.263	0.253	0.516	61.32	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.263	0.261	0.524	61.32	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant WF5B 5 GHz WIFI	0.263	0.254	0.517	61.32	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.263	0.254	0.517	61.32	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.263	0.259	0.522	61.32	N/A

E.4.35 Combination 35: AC1 (Ant 4 + Ant WF5T) and AC2 (Ant 2 + Ant 1a,1b)

E.4.35.1 Back Antenna Cluster Summation

Table E-511

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 4 UMTS 1750	Ant WF5T NB U-NII 3	1.182 + 0.068	0.739 + 0.043	0.782
Ant 4 UMTS 1900	Ant WF5T NB U-NII 3	0.788 + 0.068	0.493 + 0.043	0.536
Ant 4 LTE Band 30	Ant WF5T NB U-NII 3	0.994 + 0.068	0.621 + 0.043	0.664
Ant 4 NR Band n7	Ant WF5T NB U-NII 3	0.985 + 0.068	0.616 + 0.043	0.659
Ant 4 NR Band n41	Ant WF5T NB U-NII 3	1.184 + 0.068	0.740 + 0.043	0.783
Ant 4 NR Band n48	Ant WF5T NB U-NII 3	1.082 + 0.068	0.676 + 0.043	0.719
Ant 4 NR Band n77 DoD	Ant WF5T NB U-NII 3	1.172 + 0.068	0.733 + 0.043	0.776
Ant 4 NR Band n12	Ant WF5T NB U-NII 3	1.187 + 0.068	0.742 + 0.043	0.785
Ant 4 LTE Band 13	Ant WF5T NB U-NII 3	1.183 + 0.068	0.739 + 0.043	0.782
Ant 4 NR Band n14	Ant WF5T NB U-NII 3	1.192 + 0.068	0.745 + 0.043	0.788
Ant 4 LTE Band 71	Ant WF5T NB U-NII 3	1.184 + 0.068	0.740 + 0.043	0.783
Ant 4 UMTS 850	Ant WF5T NB U-NII 3	1.078 + 0.068	0.674 + 0.043	0.717
Ant 4 LTE Band 106	Ant WF5T NB U-NII 3	1.152 + 0.068	0.720 + 0.043	0.763

Table E-512

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.4.35.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-513

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 4 UMTS 1750 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.782	0.991	1.773	120.73	0.02
Ant 4 UMTS 1750 + Ant WF5T NB U-NII 3	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.782	0.791	1.573	120.73	0.02
Ant 4 UMTS 1750 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.782	0.793	1.575	120.73	0.02
Ant 4 UMTS 1750 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.782	0.982	1.764	120.73	0.02
Ant 4 UMTS 1750 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.782	0.995	1.777	120.73	0.02
Ant 4 UMTS 1750 + Ant WF5T NB U-NII 3	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.782	0.985	1.767	120.73	0.02
Ant 4 UMTS 1750 + Ant WF5T NB U-NII 3	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.782	0.990	1.772	120.73	0.02
Ant 4 UMTS 1900 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.536	0.991	1.527	120.73	0.02
Ant 4 UMTS 1900 + Ant WF5T NB U-NII 3	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.536	0.791	1.327	120.73	0.01
Ant 4 UMTS 1900 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.536	0.793	1.329	120.73	0.01
Ant 4 UMTS 1900 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.536	0.982	1.518	120.73	0.02
Ant 4 UMTS 1900 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.536	0.995	1.531	120.73	0.02
Ant 4 UMTS 1900 + Ant WF5T NB U-NII 3	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.536	0.985	1.521	120.73	0.02
Ant 4 UMTS 1900 + Ant WF5T NB U-NII 3	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.536	0.990	1.526	120.73	0.02
Ant 4 LTE Band 30 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.664	0.991	1.655	120.73	0.02
Ant 4 LTE Band 30 + Ant WF5T NB U-NII 3	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.664	0.791	1.455	120.73	0.01
Ant 4 LTE Band 30 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.664	0.793	1.457	120.73	0.01
Ant 4 LTE Band 30 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.664	0.982	1.646	120.73	0.02
Ant 4 LTE Band 30 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.664	0.995	1.659	120.73	0.02
Ant 4 LTE Band 30 + Ant WF5T NB U-NII 3	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.664	0.985	1.649	120.73	0.02
Ant 4 LTE Band 30 + Ant WF5T NB U-NII 3	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.664	0.990	1.654	120.73	0.02
Ant 4 NR Band n7 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.659	0.991	1.650	120.73	0.02
Ant 4 NR Band n7 + Ant WF5T NB U-NII 3	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.659	0.791	1.450	120.73	0.01
Ant 4 NR Band n7 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.659	0.793	1.452	120.73	0.01
Ant 4 NR Band n7 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.659	0.982	1.641	120.73	0.02
Ant 4 NR Band n7 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.659	0.995	1.654	120.73	0.02
Ant 4 NR Band n7 + Ant WF5T NB U-NII 3	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.659	0.985	1.644	120.73	0.02
Ant 4 NR Band n7 + Ant WF5T NB U-NII 3	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.659	0.990	1.649	120.73	0.02
Ant 4 NR Band n41 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.783	0.991	1.774	120.73	0.02
Ant 4 NR Band n41 + Ant WF5T NB U-NII 3	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.783	0.791	1.574	120.73	0.02
Ant 4 NR Band n41 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.783	0.793	1.576	120.73	0.02
Ant 4 NR Band n41 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.783	0.982	1.765	120.73	0.02
Ant 4 NR Band n41 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.783	0.995	1.778	120.73	0.02
Ant 4 NR Band n41 + Ant WF5T NB U-NII 3	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.783	0.985	1.768	120.73	0.02
Ant 4 NR Band n41 + Ant WF5T NB U-NII 3	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.783	0.990	1.773	120.73	0.02
Ant 4 NR Band n48 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.719	0.991	1.710	120.73	0.02
Ant 4 NR Band n48 + Ant WF5T NB U-NII 3	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.719	0.791	1.510	120.73	0.02
Ant 4 NR Band n48 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.719	0.793	1.512	120.73	0.02
Ant 4 NR Band n48 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.719	0.982	1.701	120.73	0.02
Ant 4 NR Band n48 + Ant WF5T NB U-NII 3	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.719	0.995	1.714	120.73	0.02

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DUT Type: Tablet Device		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.	APPENDIX E: Page 337 of 366