

E.4.28.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-420

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 n66 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.609	0.987	1.596	50.95	0.04	1.140
Ant 4 NR Band n66 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.609	0.979	1.588	50.95	0.04	1.320
Ant 4 NR Band n25 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.491	0.987	1.478	50.95	0.04	1.300
Ant 4 NR Band n25 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.491	0.979	1.470	50.95	0.03	1.200
Ant 4 LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.637	0.987	1.624	50.95	0.04	1.310
Ant 4 LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.637	0.979	1.616	50.95	0.04	1.230
Ant 4 NR Band n7 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.558	0.987	1.545	50.95	0.04	1.280
Ant 4 NR Band n7 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.558	0.979	1.537	50.95	0.04	1.170
Ant 4 LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.886	0.987	1.873	50.95	0.05	1.360
Ant 4 LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.886	0.979	1.865	50.95	0.05	1.270
Ant 4 NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.907	0.987	1.894	50.95	0.05	1.300
Ant 4 NR Band n48 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.907	0.979	1.886	50.95	0.05	1.220
Ant 4 NR Band n77 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.975	0.987	1.962	50.95	0.05	1.340
Ant 4 NR Band n77 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.975	0.979	1.954	50.95	0.05	1.360
Ant 4 NR Band n12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.415	0.987	1.402	50.95	0.03	1.260
Ant 4 NR Band n12 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.415	0.979	1.394	50.95	0.03	1.120
Ant 4 LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.438	0.987	1.425	50.95	0.03	1.260
Ant 4 LTE Band 13 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.438	0.979	1.417	50.95	0.03	1.130
Ant 4 NR Band n14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.455	0.987	1.442	50.95	0.03	1.270
Ant 4 NR Band n14 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.455	0.979	1.434	50.95	0.03	1.140
Ant 4 NR Band n71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.409	0.987	1.396	50.95	0.03	1.260
Ant 4 NR Band n71 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.409	0.979	1.388	50.95	0.03	1.120
Ant 4 LTE Band 5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.544	0.987	1.531	50.95	0.04	1.280
Ant 4 LTE Band 5 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.544	0.979	1.523	50.95	0.04	1.160
Ant 4 LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n48 + Ant WF5B 5 GHz WIFI	0.509	0.987	1.496	50.95	0.04	1.300
Ant 4 LTE Band 106 + Ant WF5T NB U-NII 3	Ant 1a NR Band n77 DoD + Ant WF5B 5 GHz W	0.509	0.979	1.488	50.95	0.04	1.190

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E.4.29 Combination 29: AC1 (Ant 4 + Ant 3a) and AC2 (Ant 1b + Ant 1a,1b)

E.4.29.1 Back Antenna Cluster Summation

Table E-421

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-422

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.4.29.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-423

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 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.985	0.992	1.977	166.21	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.985	0.970	1.955	166.21	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.985	0.938	1.923	166.21	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.985	0.892	1.877	166.21	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.985	0.972	1.957	166.21	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.739	0.992	1.731	166.21	0.01
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.739	0.970	1.709	166.21	0.01
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.739	0.938	1.677	166.21	0.01
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.739	0.892	1.631	166.21	0.01
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.739	0.972	1.711	166.21	0.01
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.867	0.992	1.859	166.21	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.867	0.970	1.837	166.21	0.01
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.867	0.938	1.805	166.21	0.01
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.867	0.892	1.759	166.21	0.01
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.867	0.972	1.839	166.21	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.862	0.992	1.854	166.21	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.862	0.970	1.832	166.21	0.01
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.862	0.938	1.800	166.21	0.01
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.862	0.892	1.754	166.21	0.01
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.862	0.972	1.834	166.21	0.01
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.986	0.992	1.978	166.21	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.986	0.970	1.956	166.21	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.986	0.938	1.924	166.21	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.986	0.892	1.878	166.21	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.986	0.972	1.958	166.21	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.922	0.992	1.914	166.21	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.922	0.970	1.892	166.21	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.922	0.938	1.860	166.21	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.922	0.892	1.814	166.21	0.01
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.922	0.972	1.894	166.21	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.979	0.992	1.971	166.21	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.979	0.970	1.949	166.21	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.979	0.938	1.917	166.21	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.979	0.892	1.871	166.21	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.979	0.972	1.951	166.21	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.988	0.992	1.980	166.21	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.988	0.970	1.958	166.21	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.988	0.938	1.926	166.21	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.988	0.892	1.880	166.21	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.988	0.972	1.960	166.21	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 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.985	0.992	1.977	166.21	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.985	0.970	1.955	166.21	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.985	0.938	1.923	166.21	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.985	0.892	1.877	166.21	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.985	0.972	1.957	166.21	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.991	0.992	1.983	166.21	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.991	0.970	1.961	166.21	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.991	0.938	1.929	166.21	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.991	0.892	1.883	166.21	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.991	0.972	1.963	166.21	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.986	0.992	1.978	166.21	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.986	0.970	1.956	166.21	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.986	0.938	1.924	166.21	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.986	0.892	1.878	166.21	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.986	0.972	1.958	166.21	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.920	0.992	1.912	166.21	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.920	0.970	1.890	166.21	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.920	0.938	1.858	166.21	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.920	0.892	1.812	166.21	0.01
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.920	0.972	1.892	166.21	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.966	0.992	1.958	166.21	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.966	0.970	1.936	166.21	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.966	0.938	1.904	166.21	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.966	0.892	1.858	166.21	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.966	0.972	1.938	166.21	0.02

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E.4.29.3 Top Antenna Cluster Summation

Table E-424

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-425

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.4.29.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-426

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 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.537	0.023	0.560	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.537	0.026	0.563	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.537	0.015	0.552	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.537	0.016	0.553	1.17
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.537	0.016	0.553	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.874	0.023	0.897	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.874	0.026	0.900	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.874	0.015	0.889	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.874	0.016	0.890	1.17
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.874	0.016	0.890	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.878	0.023	0.901	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.878	0.026	0.904	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.878	0.015	0.893	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.878	0.016	0.894	1.17
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.878	0.016	0.894	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.862	0.023	0.885	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.862	0.026	0.888	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.862	0.015	0.877	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.862	0.016	0.878	1.17
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.862	0.016	0.878	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.862	0.023	0.885	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.862	0.026	0.888	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.862	0.015	0.877	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.862	0.016	0.878	1.17
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.862	0.016	0.878	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.329	0.023	0.352	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.329	0.026	0.355	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.329	0.015	0.344	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.329	0.016	0.345	1.17
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.329	0.016	0.345	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.562	0.023	0.585	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.562	0.026	0.588	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.562	0.015	0.577	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.562	0.016	0.578	1.17
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.562	0.016	0.578	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.640	0.023	0.663	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.640	0.026	0.666	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.640	0.015	0.655	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.640	0.016	0.656	1.17
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.640	0.016	0.656	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 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.499	0.023	0.522	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.499	0.026	0.525	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.499	0.015	0.514	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.499	0.016	0.515	1.17
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.499	0.016	0.515	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.689	0.023	0.712	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.689	0.026	0.715	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.689	0.015	0.704	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.689	0.016	0.705	1.17
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.689	0.016	0.705	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.623	0.023	0.646	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.623	0.026	0.649	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.623	0.015	0.638	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.623	0.016	0.639	1.17
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.623	0.016	0.639	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.878	0.023	0.901	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.878	0.026	0.904	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.878	0.015	0.893	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.878	0.016	0.894	1.17
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.878	0.016	0.894	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.643	0.023	0.666	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.643	0.026	0.669	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.643	0.015	0.658	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.643	0.016	0.659	1.17
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.643	0.016	0.659	1.17

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

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E.4.29.5 Bottom Antenna Cluster Summation

Table E-427

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-428

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

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E.4.29.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-429

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 n70 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.050	0.974	1.024	1.10	0.94	1.340
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.050	0.984	1.034	1.10	0.96	1.510
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.050	0.979	1.029	1.10	0.95	1.480
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.050	0.973	1.023	1.10	0.94	1.440
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.050	0.979	1.029	1.10	0.95	1.290
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.023	0.974	0.997	1.10	N/A	N/A
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.023	0.984	1.007	1.10	0.92	1.490
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.023	0.979	1.002	1.10	0.91	1.460
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.023	0.973	0.996	1.10	N/A	N/A
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.023	0.979	1.002	1.10	0.91	1.270
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.031	0.974	1.005	1.10	0.92	1.330
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.031	0.984	1.015	1.10	0.93	1.500
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.031	0.979	1.010	1.10	0.92	1.470
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.031	0.973	1.004	1.10	0.91	1.430
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.031	0.979	1.010	1.10	0.92	1.280
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.024	0.974	0.998	1.10	N/A	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.024	0.984	1.008	1.10	0.92	1.480
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.024	0.979	1.003	1.10	0.91	1.450
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.024	0.973	0.997	1.10	N/A	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.024	0.979	1.003	1.10	0.91	1.260
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.029	0.974	1.003	1.10	0.91	1.320
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.029	0.984	1.013	1.10	0.93	1.490
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.029	0.979	1.008	1.10	0.92	1.460
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.029	0.973	1.002	1.10	0.91	1.420
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.029	0.979	1.008	1.10	0.92	1.270
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.035	0.974	1.009	1.10	0.92	1.330
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.035	0.984	1.019	1.10	0.94	1.500
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.035	0.979	1.014	1.10	0.93	1.470
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.035	0.973	1.008	1.10	0.92	1.430
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.035	0.979	1.014	1.10	0.93	1.280
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.040	0.974	1.014	1.10	0.93	1.320
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.040	0.984	1.024	1.10	0.94	1.490
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.040	0.979	1.019	1.10	0.94	1.470
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.040	0.973	1.013	1.10	0.93	1.430
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.040	0.979	1.019	1.10	0.94	1.270
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.029	0.974	1.003	1.10	0.91	1.320
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.029	0.984	1.013	1.10	0.93	1.490
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.029	0.979	1.008	1.10	0.92	1.460
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.029	0.973	1.002	1.10	0.91	1.430
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.029	0.979	1.008	1.10	0.92	1.280

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Bottom 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				
		a	b	$a + b$	D_{a-b}	$(a+b)^{1.5}/D_{a-b}$	(W/kg)
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.032	0.974	1.006	1.10	0.92	1.330
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.032	0.984	1.016	1.10	0.93	1.500
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.032	0.979	1.011	1.10	0.92	1.470
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.032	0.973	1.005	1.10	0.92	1.430
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.032	0.979	1.011	1.10	0.92	1.280
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.040	0.974	1.014	1.10	0.93	1.340
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.040	0.984	1.024	1.10	0.94	1.510
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.040	0.979	1.019	1.10	0.94	1.480
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.040	0.973	1.013	1.10	0.93	1.450
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.040	0.979	1.019	1.10	0.94	1.300
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.042	0.974	1.016	1.10	0.93	1.340
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.042	0.984	1.026	1.10	0.94	1.510
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.042	0.979	1.021	1.10	0.94	1.480
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.042	0.973	1.015	1.10	0.93	1.440
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.042	0.979	1.021	1.10	0.94	1.290
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.088	0.974	1.062	1.10	0.99	1.390
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.088	0.984	1.072	1.10	1.01	1.550
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.088	0.979	1.067	1.10	1.00	1.530
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.088	0.973	1.061	1.10	0.99	1.490
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.088	0.979	1.067	1.10	1.00	1.340
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.059	0.974	1.033	1.10	0.95	1.360
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.059	0.984	1.043	1.10	0.97	1.530
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.059	0.979	1.038	1.10	0.96	1.500
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.059	0.973	1.032	1.10	0.95	1.460
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.059	0.979	1.038	1.10	0.96	1.320

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E.4.29.7 Right Antenna Cluster Summation

Table E-430

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-431

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

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E.4.29.8 Right Antenna Cluster 1 + 2 SPLSR
Table E-432

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 Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.229	0.044	0.273	36.36
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.229	0.038	0.267	36.36
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.229	0.036	0.265	36.36
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.229	0.023	0.252	36.36
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.229	0.041	0.270	36.36
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.213	0.044	0.257	36.36
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.213	0.038	0.251	36.36
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.213	0.036	0.249	36.36
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.213	0.023	0.236	36.36
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.213	0.041	0.254	36.36
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.210	0.044	0.254	36.36
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.210	0.038	0.248	36.36
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.210	0.036	0.246	36.36
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.210	0.023	0.233	36.36
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.210	0.041	0.251	36.36
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.211	0.044	0.255	36.36
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.211	0.038	0.249	36.36
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.211	0.036	0.247	36.36
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.211	0.023	0.234	36.36
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.211	0.041	0.252	36.36
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.218	0.044	0.262	36.36
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.218	0.038	0.256	36.36
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.218	0.036	0.254	36.36
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.218	0.023	0.241	36.36
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.218	0.041	0.259	36.36
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.216	0.044	0.260	36.36
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.216	0.038	0.254	36.36
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.216	0.036	0.252	36.36
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.216	0.023	0.239	36.36
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.216	0.041	0.257	36.36
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.218	0.044	0.262	36.36
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.218	0.038	0.256	36.36
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.218	0.036	0.254	36.36
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.218	0.023	0.241	36.36
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.218	0.041	0.259	36.36
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.246	0.044	0.290	36.36
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.246	0.038	0.284	36.36
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.246	0.036	0.282	36.36
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.246	0.023	0.269	36.36
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.246	0.041	0.287	36.36

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Right 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 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.253	0.044	0.297	36.36
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.253	0.038	0.291	36.36
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.253	0.036	0.289	36.36
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.253	0.023	0.276	36.36
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.253	0.041	0.294	36.36
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.283	0.044	0.327	36.36
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.283	0.038	0.321	36.36
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.283	0.036	0.319	36.36
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.283	0.023	0.306	36.36
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.283	0.041	0.324	36.36
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.271	0.044	0.315	36.36
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.271	0.038	0.309	36.36
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.271	0.036	0.307	36.36
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.271	0.023	0.294	36.36
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.271	0.041	0.312	36.36
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.295	0.044	0.339	36.36
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.295	0.038	0.333	36.36
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.295	0.036	0.331	36.36
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.295	0.023	0.318	36.36
Ant 4 NR Band n5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.295	0.041	0.336	36.36
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.276	0.044	0.320	36.36
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.276	0.038	0.314	36.36
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.276	0.036	0.312	36.36
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.276	0.023	0.299	36.36
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.276	0.041	0.317	36.36

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

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E.4.29.9 Left Antenna Cluster Summation

Table E-433

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-434

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

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E.4.29.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-435

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 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.363	0.271	0.634	94.23	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.363	0.271	0.634	94.23	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.363	0.253	0.616	94.23	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.363	0.276	0.639	94.23	N/A
Ant 4 NR Band n66 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.363	0.273	0.636	94.23	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.245	0.271	0.516	94.23	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.245	0.271	0.516	94.23	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.245	0.253	0.498	94.23	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.245	0.276	0.521	94.23	N/A
Ant 4 NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.245	0.273	0.518	94.23	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.391	0.271	0.662	94.23	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.391	0.271	0.662	94.23	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.391	0.253	0.644	94.23	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.391	0.276	0.667	94.23	N/A
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.391	0.273	0.664	94.23	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.312	0.271	0.583	94.23	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.312	0.271	0.583	94.23	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.312	0.253	0.565	94.23	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.312	0.276	0.588	94.23	N/A
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.312	0.273	0.585	94.23	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.640	0.271	0.911	94.23	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.640	0.271	0.911	94.23	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.640	0.253	0.893	94.23	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.640	0.276	0.916	94.23	N/A
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.640	0.273	0.913	94.23	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.661	0.271	0.932	94.23	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.661	0.271	0.932	94.23	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.661	0.253	0.914	94.23	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.661	0.276	0.937	94.23	N/A
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.661	0.273	0.934	94.23	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.729	0.271	1.000	94.23	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.729	0.271	1.000	94.23	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.729	0.253	0.982	94.23	N/A
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.729	0.276	1.005	94.23	0.01
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.729	0.273	1.002	94.23	0.01
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.169	0.271	0.440	94.23	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.169	0.271	0.440	94.23	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.169	0.253	0.422	94.23	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.169	0.276	0.445	94.23	N/A
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.169	0.273	0.442	94.23	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 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.192	0.271	0.463	94.23	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.192	0.271	0.463	94.23	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.192	0.253	0.445	94.23	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.192	0.276	0.468	94.23	N/A
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.192	0.273	0.465	94.23	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.209	0.271	0.480	94.23	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.209	0.271	0.480	94.23	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.209	0.253	0.462	94.23	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.209	0.276	0.485	94.23	N/A
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.209	0.273	0.482	94.23	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.163	0.271	0.434	94.23	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.163	0.271	0.434	94.23	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.163	0.253	0.416	94.23	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.163	0.276	0.439	94.23	N/A
Ant 4 NR Band n71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.163	0.273	0.436	94.23	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.298	0.271	0.569	94.23	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.298	0.271	0.569	94.23	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.298	0.253	0.551	94.23	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.298	0.276	0.574	94.23	N/A
Ant 4 LTE Band 5 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.298	0.273	0.571	94.23	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.263	0.271	0.534	94.23	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.263	0.271	0.534	94.23	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.263	0.253	0.516	94.23	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.263	0.276	0.539	94.23	N/A
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.263	0.273	0.536	94.23	N/A

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E.4.30 Combination 30: AC1 (Ant 4 + Ant 3a) and AC2 (Ant 1b + Ant WF5B)

E.4.30.1 Back Antenna Cluster Summation

Table E-436

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-437

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.4.30.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-438

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 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.985	0.799	1.784	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.985	0.777	1.762	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.985	0.745	1.730	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.985	0.699	1.684	104.74	0.02
Ant 4 UMTS 1750 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.985	0.779	1.764	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.739	0.799	1.538	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.739	0.777	1.516	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.739	0.745	1.484	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.739	0.699	1.438	104.74	0.02
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.739	0.779	1.518	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.867	0.799	1.666	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.867	0.777	1.644	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.867	0.745	1.612	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.867	0.699	1.566	104.74	0.02
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.867	0.779	1.646	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.862	0.799	1.661	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.862	0.777	1.639	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.862	0.745	1.607	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.862	0.699	1.561	104.74	0.02
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.862	0.779	1.641	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.986	0.799	1.785	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.986	0.777	1.763	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.986	0.745	1.731	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.986	0.699	1.685	104.74	0.02
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.986	0.779	1.765	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.922	0.799	1.721	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.922	0.777	1.699	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.922	0.745	1.667	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.922	0.699	1.621	104.74	0.02
Ant 4 NR Band n48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.922	0.779	1.701	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.979	0.799	1.778	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.979	0.777	1.756	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.979	0.745	1.724	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.979	0.699	1.678	104.74	0.02
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.979	0.779	1.758	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.988	0.799	1.787	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.988	0.777	1.765	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.988	0.745	1.733	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.988	0.699	1.687	104.74	0.02
Ant 4 NR Band n12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.988	0.779	1.767	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 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.985	0.799	1.784	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.985	0.777	1.762	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.985	0.745	1.730	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.985	0.699	1.684	104.74	0.02
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.985	0.779	1.764	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.991	0.799	1.790	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.991	0.777	1.768	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.991	0.745	1.736	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.991	0.699	1.690	104.74	0.02
Ant 4 NR Band n14 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.991	0.779	1.770	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.986	0.799	1.785	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.986	0.777	1.763	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.986	0.745	1.731	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.986	0.699	1.685	104.74	0.02
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.986	0.779	1.765	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.920	0.799	1.719	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.920	0.777	1.697	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.920	0.745	1.665	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.920	0.699	1.619	104.74	0.02
Ant 4 UMTS 850 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.920	0.779	1.699	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.966	0.799	1.765	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.966	0.777	1.743	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.966	0.745	1.711	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.966	0.699	1.665	104.74	0.02
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.966	0.779	1.745	104.74	0.02

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E.4.30.3 Top Antenna Cluster Summation

Table E-439

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-440

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

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E.4.30.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-441

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 1b NR Band n66 + Ant WF5B NB U-NII 3	0.537	0.011	0.548	1.20
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.537	0.014	0.551	1.20
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.537	0.003	0.540	1.20
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.537	0.004	0.541	1.20
Ant 4 NR Band n66 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.537	0.004	0.541	1.20
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.874	0.011	0.885	1.20
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.874	0.014	0.888	1.20
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.874	0.003	0.877	1.20
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.874	0.004	0.878	1.20
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.874	0.004	0.878	1.20
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.878	0.011	0.889	1.20
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.878	0.014	0.892	1.20
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.878	0.003	0.881	1.20
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.878	0.004	0.882	1.20
Ant 4 NR Band n30 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.878	0.004	0.882	1.20
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.862	0.011	0.873	1.20
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.862	0.014	0.876	1.20
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.862	0.003	0.865	1.20
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.862	0.004	0.866	1.20
Ant 4 LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.862	0.004	0.866	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.862	0.011	0.873	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.862	0.014	0.876	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.862	0.003	0.865	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.862	0.004	0.866	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.862	0.004	0.866	1.20
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.329	0.011	0.340	1.20
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.329	0.014	0.343	1.20
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.329	0.003	0.332	1.20
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.329	0.004	0.333	1.20
Ant 4 NR Band n48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.329	0.004	0.333	1.20
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.562	0.011	0.573	1.20
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.562	0.014	0.576	1.20
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.562	0.003	0.565	1.20
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.562	0.004	0.566	1.20
Ant 4 NR Band n77 DoD + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.562	0.004	0.566	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.640	0.011	0.651	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.640	0.014	0.654	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.640	0.003	0.643	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.640	0.004	0.644	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.640	0.004	0.644	1.20

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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 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.499	0.011	0.510	1.20
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.499	0.014	0.513	1.20
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.499	0.003	0.502	1.20
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.499	0.004	0.503	1.20
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.499	0.004	0.503	1.20
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.689	0.011	0.700	1.20
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.689	0.014	0.703	1.20
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.689	0.003	0.692	1.20
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.689	0.004	0.693	1.20
Ant 4 LTE Band 14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.689	0.004	0.693	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.623	0.011	0.634	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.623	0.014	0.637	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.623	0.003	0.626	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.623	0.004	0.627	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.623	0.004	0.627	1.20
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.878	0.011	0.889	1.20
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.878	0.014	0.892	1.20
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.878	0.003	0.881	1.20
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.878	0.004	0.882	1.20
Ant 4 NR Band n5 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.878	0.004	0.882	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.643	0.011	0.654	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.643	0.014	0.657	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.643	0.003	0.646	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.643	0.004	0.647	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.643	0.004	0.647	1.20

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

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E.4.30.5 Bottom Antenna Cluster Summation

Table E-442

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-443

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

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E.4.30.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-444

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 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.050	0.744	0.794	1.20
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.050	0.754	0.804	1.20
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.050	0.749	0.799	1.20
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.050	0.743	0.793	1.20
Ant 4 NR Band n70 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.050	0.749	0.799	1.20
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.023	0.744	0.767	1.20
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.023	0.754	0.777	1.20
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.023	0.749	0.772	1.20
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.023	0.743	0.766	1.20
Ant 4 UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.023	0.749	0.772	1.20
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.031	0.744	0.775	1.20
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.031	0.754	0.785	1.20
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.031	0.749	0.780	1.20
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.031	0.743	0.774	1.20
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.031	0.749	0.780	1.20
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.024	0.744	0.768	1.20
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.024	0.754	0.778	1.20
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.024	0.749	0.773	1.20
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.024	0.743	0.767	1.20
Ant 4 NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.024	0.749	0.773	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.029	0.744	0.773	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.029	0.754	0.783	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.029	0.749	0.778	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.029	0.743	0.772	1.20
Ant 4 LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.029	0.749	0.778	1.20
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.035	0.744	0.779	1.20
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.035	0.754	0.789	1.20
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.035	0.749	0.784	1.20
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.035	0.743	0.778	1.20
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.035	0.749	0.784	1.20
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.040	0.744	0.784	1.20
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.040	0.754	0.794	1.20
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.040	0.749	0.789	1.20
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.040	0.743	0.783	1.20
Ant 4 NR Band n77 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.040	0.749	0.789	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.029	0.744	0.773	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.029	0.754	0.783	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.029	0.749	0.778	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.029	0.743	0.772	1.20
Ant 4 NR Band n12 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.029	0.749	0.778	1.20

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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 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.032	0.744	0.776	1.20
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.032	0.754	0.786	1.20
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.032	0.749	0.781	1.20
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.032	0.743	0.775	1.20
Ant 4 LTE Band 13 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.032	0.749	0.781	1.20
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.040	0.744	0.784	1.20
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.040	0.754	0.794	1.20
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.040	0.749	0.789	1.20
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.040	0.743	0.783	1.20
Ant 4 NR Band n14 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.040	0.749	0.789	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.042	0.744	0.786	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.042	0.754	0.796	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.042	0.749	0.791	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.042	0.743	0.785	1.20
Ant 4 LTE Band 71 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.042	0.749	0.791	1.20
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.088	0.744	0.832	1.20
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.088	0.754	0.842	1.20
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.088	0.749	0.837	1.20
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.088	0.743	0.831	1.20
Ant 4 NR Band n26 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.088	0.749	0.837	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.059	0.744	0.803	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.059	0.754	0.813	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.059	0.749	0.808	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.059	0.743	0.802	1.20
Ant 4 LTE Band 106 + Ant 3a 2.4 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.059	0.749	0.808	1.20

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

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E.4.30.7 Right Antenna Cluster Summation

Table E-445

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-446

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.4.30.8 Right Antenna Cluster 1 + 2 SPLSR
Table E-447

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 Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.229	0.049	0.278	30.28
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.229	0.043	0.272	30.28
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.229	0.041	0.270	30.28
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.229	0.028	0.257	30.28
Ant 4 NR Band n70 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.229	0.046	0.275	30.28
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.213	0.049	0.262	30.28
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.213	0.043	0.256	30.28
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.213	0.041	0.254	30.28
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.213	0.028	0.241	30.28
Ant 4 LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.213	0.046	0.259	30.28
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.210	0.049	0.259	30.28
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.210	0.043	0.253	30.28
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.210	0.041	0.251	30.28
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.210	0.028	0.238	30.28
Ant 4 LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.210	0.046	0.256	30.28
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.211	0.049	0.260	30.28
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.211	0.043	0.254	30.28
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.211	0.041	0.252	30.28
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.211	0.028	0.239	30.28
Ant 4 NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.211	0.046	0.257	30.28
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.218	0.049	0.267	30.28
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.218	0.043	0.261	30.28
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.218	0.041	0.259	30.28
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.218	0.028	0.246	30.28
Ant 4 NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.218	0.046	0.264	30.28
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.216	0.049	0.265	30.28
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.216	0.043	0.259	30.28
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.216	0.041	0.257	30.28
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.216	0.028	0.244	30.28
Ant 4 LTE Band 48 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.216	0.046	0.262	30.28
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.218	0.049	0.267	30.28
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.218	0.043	0.261	30.28
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.218	0.041	0.259	30.28
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.218	0.028	0.246	30.28
Ant 4 NR Band n77 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.218	0.046	0.264	30.28
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.246	0.049	0.295	30.28
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.246	0.043	0.289	30.28
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.246	0.041	0.287	30.28
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.246	0.028	0.274	30.28
Ant 4 LTE Band 12 + Ant 3a 2.4 GHz Bluetooth	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.246	0.046	0.292	30.28

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