

E.4.7.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-93

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 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.783	0.992	1.775	120.73	0.02
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.783	0.970	1.753	120.73	0.02
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.783	0.938	1.721	120.73	0.02
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.783	0.892	1.675	120.73	0.02
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.783	0.972	1.755	120.73	0.02
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.778	0.992	1.770	120.73	0.02
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.778	0.970	1.748	120.73	0.02
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.778	0.938	1.716	120.73	0.02
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.778	0.892	1.670	120.73	0.02
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.778	0.972	1.750	120.73	0.02
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.782	0.992	1.774	120.73	0.02
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.782	0.970	1.752	120.73	0.02
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.782	0.938	1.720	120.73	0.02
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.782	0.892	1.674	120.73	0.02
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.782	0.972	1.754	120.73	0.02
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.783	0.992	1.775	120.73	0.02
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.783	0.970	1.753	120.73	0.02
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.783	0.938	1.721	120.73	0.02
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.783	0.892	1.675	120.73	0.02
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.783	0.972	1.755	120.73	0.02
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.787	0.992	1.779	120.73	0.02
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.787	0.970	1.757	120.73	0.02
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.787	0.938	1.725	120.73	0.02
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.787	0.892	1.679	120.73	0.02
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.787	0.972	1.759	120.73	0.02

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E.4.7.3 Top Antenna Cluster Summation

Table E-94

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant WF5T 5 GHz WIFI	0.835 + 0.001	0.522 + 0.001	0.523
Ant 3a LTE Band 25	Ant WF5T 5 GHz WIFI	0.697 + 0.001	0.436 + 0.001	0.437
Ant 3a LTE Band 30	Ant WF5T 5 GHz WIFI	0.752 + 0.001	0.470 + 0.001	0.471
Ant 3a LTE Band 7	Ant WF5T 5 GHz WIFI	0.690 + 0.001	0.431 + 0.001	0.432
Ant 3a LTE Band 41	Ant WF5T 5 GHz WIFI	0.682 + 0.001	0.426 + 0.001	0.427

Table E-95

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.4.7.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-96

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 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.523	0.023	0.546	0.00
Ant 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.523	0.026	0.549	0.00
Ant 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.523	0.015	0.538	0.00
Ant 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.523	0.016	0.539	0.00
Ant 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.523	0.016	0.539	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.437	0.023	0.460	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.437	0.026	0.463	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.437	0.015	0.452	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.437	0.016	0.453	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.437	0.016	0.453	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.471	0.023	0.494	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.471	0.026	0.497	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.471	0.015	0.486	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.471	0.016	0.487	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.471	0.016	0.487	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.432	0.023	0.455	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.432	0.026	0.458	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.432	0.015	0.447	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.432	0.016	0.448	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.432	0.016	0.448	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.427	0.023	0.450	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.427	0.026	0.453	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.427	0.015	0.442	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.427	0.016	0.443	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant 1a 2.4 GHz WIFI	0.427	0.016	0.443	0.00

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

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E.4.7.5 Bottom Antenna Cluster Summation

Table E-97

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant WF5T NB U-NII 3	0.065 + 0.000	0.041 + 0.000	0.041
Ant 3a UMTS 1900	Ant WF5T NB U-NII 3	0.088 + 0.000	0.055 + 0.000	0.055
Ant 3a LTE Band 30	Ant WF5T NB U-NII 3	0.053 + 0.000	0.033 + 0.000	0.033
Ant 3a NR Band n7	Ant WF5T NB U-NII 3	0.033 + 0.000	0.021 + 0.000	0.021
Ant 3a NR Band n41	Ant WF5T NB U-NII 3	0.030 + 0.000	0.019 + 0.000	0.019

Table E-98

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

E.4.7.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-99

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 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.041	0.974	1.015	19.93	0.05	1.430
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.041	0.984	1.025	19.93	0.05	1.470
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.041	0.979	1.020	19.93	0.05	1.440
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.041	0.973	1.014	19.93	0.05	1.400
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.041	0.979	1.020	19.93	0.05	1.380
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.055	0.974	1.029	19.93	0.05	1.420
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.055	0.984	1.039	19.93	0.05	1.460
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.055	0.979	1.034	19.93	0.05	1.450
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.055	0.973	1.028	19.93	0.05	1.390
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.055	0.979	1.034	19.93	0.05	1.380
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.033	0.974	1.007	19.93	0.05	1.410
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.033	0.984	1.017	19.93	0.05	1.430
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.033	0.979	1.012	19.93	0.05	1.420
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.033	0.973	1.006	19.93	0.05	1.380
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.033	0.979	1.012	19.93	0.05	1.360
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.021	0.974	0.995	19.93	N/A	N/A
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.021	0.984	1.005	19.93	0.05	1.460
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.021	0.979	1.000	19.93	N/A	N/A
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.021	0.973	0.994	19.93	N/A	N/A
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.021	0.979	1.000	19.93	N/A	N/A
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant 1b 5 GHz WIFI	0.019	0.974	0.993	19.93	N/A	N/A
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant 1b 5 GHz WIFI	0.019	0.984	1.003	19.93	0.05	1.440
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant 1b 5 GHz WIFI	0.019	0.979	0.998	19.93	N/A	N/A
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant 1b 5 GHz WIFI	0.019	0.973	0.992	19.93	N/A	N/A
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1b 5 GHz WIFI	0.019	0.979	0.998	19.93	N/A	N/A

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E.4.7.7 Right Antenna Cluster Summation

Table E-100

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant WF5T 6 GHz WIFI	0.832 + 0.027	0.520 + 0.017	0.537
Ant 3a LTE Band 25	Ant WF5T 6 GHz WIFI	0.896 + 0.027	0.560 + 0.017	0.577
Ant 3a LTE Band 30	Ant WF5T 6 GHz WIFI	0.882 + 0.027	0.551 + 0.017	0.568
Ant 3a LTE Band 7	Ant WF5T 6 GHz WIFI	1.107 + 0.027	0.692 + 0.017	0.709
Ant 3a NR Band n41	Ant WF5T 6 GHz WIFI	1.134 + 0.027	0.709 + 0.017	0.726

Table E-101

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

E.4.7.8 Right Antenna Cluster 1 + 2 SPLSR

Table E-102

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 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.537	0.044	0.581	69.89
Ant 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.537	0.038	0.575	69.89
Ant 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.537	0.036	0.573	69.89
Ant 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.537	0.023	0.560	69.89
Ant 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.537	0.041	0.578	69.89
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.577	0.044	0.621	69.89
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.577	0.038	0.615	69.89
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.577	0.036	0.613	69.89
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.577	0.023	0.600	69.89
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.577	0.041	0.618	69.89
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.568	0.044	0.612	69.89
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.568	0.038	0.606	69.89
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.568	0.036	0.604	69.89
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.568	0.023	0.591	69.89
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.568	0.041	0.609	69.89
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.709	0.044	0.753	69.89
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.709	0.038	0.747	69.89
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.709	0.036	0.745	69.89
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.709	0.023	0.732	69.89
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.709	0.041	0.750	69.89
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant 1b 6 GHz WIFI	0.726	0.044	0.770	69.89
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant 1b 6 GHz WIFI	0.726	0.038	0.764	69.89
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant 1b 6 GHz WIFI	0.726	0.036	0.762	69.89
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant 1b 6 GHz WIFI	0.726	0.023	0.749	69.89
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant 1b 6 GHz WIFI	0.726	0.041	0.767	69.89

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

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E.4.7.9 Left Antenna Cluster Summation

Table E-103

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant WF5T NB U-NII 3	0.011 + 0.399	0.007 + 0.249	0.256
Ant 3a UMTS 1900	Ant WF5T NB U-NII 3	0.013 + 0.399	0.008 + 0.249	0.257
Ant 3a NR Band n30	Ant WF5T NB U-NII 3	0.013 + 0.399	0.008 + 0.249	0.257
Ant 3a NR Band n7	Ant WF5T NB U-NII 3	0.010 + 0.399	0.006 + 0.249	0.255
Ant 3a NR Band n41	Ant WF5T NB U-NII 3	0.017 + 0.399	0.011 + 0.249	0.260

Table E-104

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

E.4.7.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-105

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 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.256	0.271	0.527	84.11
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.256	0.271	0.527	84.11
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.256	0.253	0.509	84.11
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.256	0.276	0.532	84.11
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.256	0.273	0.529	84.11
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.257	0.271	0.528	84.11
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.257	0.271	0.528	84.11
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.257	0.253	0.510	84.11
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.257	0.276	0.533	84.11
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.257	0.273	0.530	84.11
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.257	0.271	0.528	84.11
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.257	0.271	0.528	84.11
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.257	0.253	0.510	84.11
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.257	0.276	0.533	84.11
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.257	0.273	0.530	84.11
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.255	0.271	0.526	84.11
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.255	0.271	0.526	84.11
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.255	0.253	0.508	84.11
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.255	0.276	0.531	84.11
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.255	0.273	0.528	84.11
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant 1a 2.4 GHz WIFI	0.260	0.271	0.531	84.11
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant 1a 2.4 GHz WIFI	0.260	0.271	0.531	84.11
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant 1a 2.4 GHz WIFI	0.260	0.253	0.513	84.11
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant 1a 2.4 GHz WIFI	0.260	0.276	0.536	84.11
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.260	0.273	0.533	84.11

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

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E.4.8 Combination 8: AC1 (Ant 3a + Ant WF5T) and AC2 (Ant 1b + Ant WF5B)

E.4.8.1 Back Antenna Cluster Summation

Table E-106

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant WF5T NB U-NII 3	1.184 + 0.068	0.740 + 0.043	0.783
Ant 3a NR Band n25	Ant WF5T NB U-NII 3	1.176 + 0.068	0.735 + 0.043	0.778
Ant 3a LTE Band 30	Ant WF5T NB U-NII 3	1.183 + 0.068	0.739 + 0.043	0.782
Ant 3a LTE Band 7	Ant WF5T NB U-NII 3	1.184 + 0.068	0.740 + 0.043	0.783
Ant 3a LTE Band 41	Ant WF5T NB U-NII 3	1.191 + 0.068	0.744 + 0.043	0.787

Table E-107

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.4.8.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-108

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 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.783	0.799	1.582	54.53	0.04	1.050
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.783	0.777	1.560	54.53	0.04	1.050
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.783	0.745	1.528	54.53	0.03	1.050
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.783	0.699	1.482	54.53	0.03	1.070
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.783	0.779	1.562	54.53	0.04	1.070
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.778	0.799	1.577	54.53	0.04	1.030
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.778	0.777	1.555	54.53	0.04	1.030
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.778	0.745	1.523	54.53	0.03	1.030
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.778	0.699	1.477	54.53	0.03	1.050
Ant 3a NR Band n25 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.778	0.779	1.557	54.53	0.04	1.050
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.782	0.799	1.581	54.53	0.04	1.210
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.782	0.777	1.559	54.53	0.04	1.210
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.782	0.745	1.527	54.53	0.03	1.200
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.782	0.699	1.481	54.53	0.03	1.230
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.782	0.779	1.561	54.53	0.04	1.220
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.783	0.799	1.582	54.53	0.04	1.340
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.783	0.777	1.560	54.53	0.04	1.340
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.783	0.745	1.528	54.53	0.03	1.330
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.783	0.699	1.482	54.53	0.03	1.360
Ant 3a LTE Band 7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.783	0.779	1.562	54.53	0.04	1.350
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1750 + Ant WF5B 5 GHz WIFI	0.787	0.799	1.586	54.53	0.04	1.030
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.787	0.777	1.564	54.53	0.04	1.030
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.787	0.745	1.532	54.53	0.03	1.030
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.787	0.699	1.486	54.53	0.03	1.050
Ant 3a LTE Band 41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.787	0.779	1.566	54.53	0.04	1.050

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E.4.8.3 Top Antenna Cluster Summation

Table E-109

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant WF5T 5 GHz WIFI	0.835 + 0.001	0.522 + 0.001	0.523
Ant 3a LTE Band 25	Ant WF5T 5 GHz WIFI	0.697 + 0.001	0.436 + 0.001	0.437
Ant 3a LTE Band 30	Ant WF5T 5 GHz WIFI	0.752 + 0.001	0.470 + 0.001	0.471
Ant 3a LTE Band 7	Ant WF5T 5 GHz WIFI	0.690 + 0.001	0.431 + 0.001	0.432
Ant 3a LTE Band 41	Ant WF5T 5 GHz WIFI	0.682 + 0.001	0.426 + 0.001	0.427

Table E-110

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

E.4.8.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-111

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 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.523	0.011	0.534	0.00
Ant 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.523	0.014	0.537	0.00
Ant 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.523	0.003	0.526	0.00
Ant 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.523	0.004	0.527	0.00
Ant 3a LTE Band 66 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.523	0.004	0.527	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.437	0.011	0.448	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.437	0.014	0.451	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.437	0.003	0.440	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.437	0.004	0.441	0.00
Ant 3a LTE Band 25 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.437	0.004	0.441	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.471	0.011	0.482	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.471	0.014	0.485	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.471	0.003	0.474	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.471	0.004	0.475	0.00
Ant 3a LTE Band 30 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.471	0.004	0.475	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.432	0.011	0.443	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.432	0.014	0.446	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.432	0.003	0.435	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.432	0.004	0.436	0.00
Ant 3a LTE Band 7 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.432	0.004	0.436	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n66 + Ant WF5B NB U-NII 3	0.427	0.011	0.438	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 25 + Ant WF5B NB U-NII 3	0.427	0.014	0.441	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B NB U-NII 3	0.427	0.003	0.430	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n7 + Ant WF5B NB U-NII 3	0.427	0.004	0.431	0.00
Ant 3a LTE Band 41 + Ant WF5T 5 GHz WIFI	Ant 1b NR Band n41 + Ant WF5B NB U-NII 3	0.427	0.004	0.431	0.00

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

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E.4.8.5 Bottom Antenna Cluster Summation

Table E-112

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant WF5T NB U-NII 3	0.065 + 0.000	0.041 + 0.000	0.041
Ant 3a UMTS 1900	Ant WF5T NB U-NII 3	0.088 + 0.000	0.055 + 0.000	0.055
Ant 3a LTE Band 30	Ant WF5T NB U-NII 3	0.053 + 0.000	0.033 + 0.000	0.033
Ant 3a NR Band n7	Ant WF5T NB U-NII 3	0.033 + 0.000	0.021 + 0.000	0.021
Ant 3a NR Band n41	Ant WF5T NB U-NII 3	0.030 + 0.000	0.019 + 0.000	0.019

Table E-113

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

E.4.8.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-114

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 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.041	0.744	0.785	12.75
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.041	0.754	0.795	12.75
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.041	0.749	0.790	12.75
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.041	0.743	0.784	12.75
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.041	0.749	0.790	12.75
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.055	0.744	0.799	12.75
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.055	0.754	0.809	12.75
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.055	0.749	0.804	12.75
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.055	0.743	0.798	12.75
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.055	0.749	0.804	12.75
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.033	0.744	0.777	12.75
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.033	0.754	0.787	12.75
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.033	0.749	0.782	12.75
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.033	0.743	0.776	12.75
Ant 3a LTE Band 30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.033	0.749	0.782	12.75
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.021	0.744	0.765	12.75
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.021	0.754	0.775	12.75
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.021	0.749	0.770	12.75
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.021	0.743	0.764	12.75
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.021	0.749	0.770	12.75
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n70 + Ant WF5B 6 GHz WIFI	0.019	0.744	0.763	12.75
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b UMTS 1900 + Ant WF5B 6 GHz WIFI	0.019	0.754	0.773	12.75
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 30 + Ant WF5B 6 GHz WIFI	0.019	0.749	0.768	12.75
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 7 + Ant WF5B 6 GHz WIFI	0.019	0.743	0.762	12.75
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 6 GHz WIFI	0.019	0.749	0.768	12.75

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

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E.4.8.7 Right Antenna Cluster Summation

Table E-115

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant WF5T 6 GHz WIFI	0.832 + 0.027	0.520 + 0.017	0.537
Ant 3a LTE Band 25	Ant WF5T 6 GHz WIFI	0.896 + 0.027	0.560 + 0.017	0.577
Ant 3a LTE Band 30	Ant WF5T 6 GHz WIFI	0.882 + 0.027	0.551 + 0.017	0.568
Ant 3a LTE Band 7	Ant WF5T 6 GHz WIFI	1.107 + 0.027	0.692 + 0.017	0.709
Ant 3a NR Band n41	Ant WF5T 6 GHz WIFI	1.134 + 0.027	0.709 + 0.017	0.726

Table E-116

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

E.4.8.8 Right Antenna Cluster 1 + 2 SPLSR

Table E-117

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 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.537	0.049	0.586	47.73
Ant 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.537	0.043	0.580	47.73
Ant 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.537	0.041	0.578	47.73
Ant 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.537	0.028	0.565	47.73
Ant 3a LTE Band 66 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.537	0.046	0.583	47.73
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.577	0.049	0.626	47.73
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.577	0.043	0.620	47.73
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.577	0.041	0.618	47.73
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.577	0.028	0.605	47.73
Ant 3a LTE Band 25 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.577	0.046	0.623	47.73
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.568	0.049	0.617	47.73
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.568	0.043	0.611	47.73
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.568	0.041	0.609	47.73
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.568	0.028	0.596	47.73
Ant 3a LTE Band 30 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.568	0.046	0.614	47.73
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.709	0.049	0.758	47.73
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.709	0.043	0.752	47.73
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.709	0.041	0.750	47.73
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.709	0.028	0.737	47.73
Ant 3a LTE Band 7 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.709	0.046	0.755	47.73
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 66 + Ant WF5B 5 GHz WIFI	0.726	0.049	0.775	47.73
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b NR Band n25 + Ant WF5B 5 GHz WIFI	0.726	0.043	0.769	47.73
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 30 + Ant WF5B 5 GHz WIFI	0.726	0.041	0.767	47.73
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 7 + Ant WF5B 5 GHz WIFI	0.726	0.028	0.754	47.73
Ant 3a NR Band n41 + Ant WF5T 6 GHz WIFI	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.726	0.046	0.772	47.73

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

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E.4.8.9 Left Antenna Cluster Summation

Table E-118

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant WF5T NB U-NII 3	0.011 + 0.399	0.007 + 0.249	0.256
Ant 3a UMTS 1900	Ant WF5T NB U-NII 3	0.013 + 0.399	0.008 + 0.249	0.257
Ant 3a NR Band n30	Ant WF5T NB U-NII 3	0.013 + 0.399	0.008 + 0.249	0.257
Ant 3a NR Band n7	Ant WF5T NB U-NII 3	0.010 + 0.399	0.006 + 0.249	0.255
Ant 3a NR Band n41	Ant WF5T NB U-NII 3	0.017 + 0.399	0.011 + 0.249	0.260

Table E-119

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

E.4.8.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-120

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 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.256	0.289	0.545	50.95
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.256	0.289	0.545	50.95
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.256	0.271	0.527	50.95
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.256	0.294	0.550	50.95
Ant 3a LTE Band 66 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.256	0.291	0.547	50.95
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.257	0.289	0.546	50.95
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.257	0.289	0.546	50.95
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.257	0.271	0.528	50.95
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.257	0.294	0.551	50.95
Ant 3a UMTS 1900 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.257	0.291	0.548	50.95
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.257	0.289	0.546	50.95
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.257	0.289	0.546	50.95
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.257	0.271	0.528	50.95
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.257	0.294	0.551	50.95
Ant 3a NR Band n30 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.257	0.291	0.548	50.95
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.255	0.289	0.544	50.95
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.255	0.289	0.544	50.95
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.255	0.271	0.526	50.95
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.255	0.294	0.549	50.95
Ant 3a NR Band n7 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.255	0.291	0.546	50.95
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n66 + Ant WF5B 5 GHz WIFI	0.260	0.289	0.549	50.95
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 25 + Ant WF5B 5 GHz WIFI	0.260	0.289	0.549	50.95
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n30 + Ant WF5B 5 GHz WIFI	0.260	0.271	0.531	50.95
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b NR Band n7 + Ant WF5B 5 GHz WIFI	0.260	0.294	0.554	50.95
Ant 3a NR Band n41 + Ant WF5T NB U-NII 3	Ant 1b LTE Band 41 + Ant WF5B 5 GHz WIFI	0.260	0.291	0.551	50.95

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

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E.4.9 Combination 9: AC1 (Ant 3a + Ant 3a) and AC2 (Ant 2 + Ant 1a,1b)

E.4.9.1 Back Antenna Cluster Summation

Table E-121

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant 3a 2.4 GHz Bluetooth	1.184 + 0.394	0.740 + 0.246	0.986
Ant 3a NR Band n25	Ant 3a 2.4 GHz Bluetooth	1.176 + 0.394	0.735 + 0.246	0.981
Ant 3a LTE Band 30	Ant 3a 2.4 GHz Bluetooth	1.183 + 0.394	0.739 + 0.246	0.985
Ant 3a LTE Band 7	Ant 3a 2.4 GHz Bluetooth	1.184 + 0.394	0.740 + 0.246	0.986
Ant 3a LTE Band 41	Ant 3a 2.4 GHz Bluetooth	1.191 + 0.394	0.744 + 0.246	0.990

Table E-122

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

E.4.9.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-123

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 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.986	0.991	1.977	174.44	0.02
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.986	0.791	1.777	174.44	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.986	0.793	1.779	174.44	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.986	0.982	1.968	174.44	0.02
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.986	0.995	1.981	174.44	0.02
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.986	0.985	1.971	174.44	0.02
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.986	0.990	1.976	174.44	0.02
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.981	0.991	1.972	174.44	0.02
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.981	0.791	1.772	174.44	0.01
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.981	0.793	1.774	174.44	0.01
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.981	0.982	1.963	174.44	0.02
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.981	0.995	1.976	174.44	0.02
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.981	0.985	1.966	174.44	0.02
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.981	0.990	1.971	174.44	0.02
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.985	0.991	1.976	174.44	0.02
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.985	0.791	1.776	174.44	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.985	0.793	1.778	174.44	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.985	0.982	1.967	174.44	0.02
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.985	0.995	1.980	174.44	0.02
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.985	0.985	1.970	174.44	0.02
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.985	0.990	1.975	174.44	0.02
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.986	0.991	1.977	174.44	0.02
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.986	0.791	1.777	174.44	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.986	0.793	1.779	174.44	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.986	0.982	1.968	174.44	0.02
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.986	0.995	1.981	174.44	0.02
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.986	0.985	1.971	174.44	0.02
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.986	0.990	1.976	174.44	0.02
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant 1a 2.4 GHz WIFI	0.990	0.991	1.981	174.44	0.02
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1a 2.4 GHz WIFI	0.990	0.791	1.781	174.44	0.01
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.990	0.793	1.783	174.44	0.01
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.990	0.982	1.972	174.44	0.02
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant 1a 2.4 GHz WIFI	0.990	0.995	1.985	174.44	0.02
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.990	0.985	1.975	174.44	0.02
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.990	0.990	1.980	174.44	0.02

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E.4.9.3 Top Antenna Cluster Summation

Table E-124

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant 3a 2.4 GHz WIFI	0.835 + 0.216	0.522 + 0.135	0.657
Ant 3a LTE Band 25	Ant 3a 2.4 GHz WIFI	0.697 + 0.216	0.436 + 0.135	0.571
Ant 3a LTE Band 30	Ant 3a 2.4 GHz WIFI	0.752 + 0.216	0.470 + 0.135	0.605
Ant 3a LTE Band 7	Ant 3a 2.4 GHz WIFI	0.690 + 0.216	0.431 + 0.135	0.566
Ant 3a LTE Band 41	Ant 3a 2.4 GHz WIFI	0.682 + 0.216	0.426 + 0.135	0.561

Table E-125

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

E.4.9.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-126

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 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.657	0.044	0.701	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.657	0.023	0.680	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1a 2.4 GHz WIFI	0.657	0.016	0.673	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1a 2.4 GHz WIFI	0.657	0.042	0.699	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.657	0.055	0.712	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant 1a 2.4 GHz WIFI	0.657	0.036	0.693	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1a 2.4 GHz WIFI	0.657	0.050	0.707	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.571	0.044	0.615	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.571	0.023	0.594	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1a 2.4 GHz WIFI	0.571	0.016	0.587	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1a 2.4 GHz WIFI	0.571	0.042	0.613	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.571	0.055	0.626	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant 1a 2.4 GHz WIFI	0.571	0.036	0.607	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1a 2.4 GHz WIFI	0.571	0.050	0.621	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.605	0.044	0.649	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.605	0.023	0.628	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1a 2.4 GHz WIFI	0.605	0.016	0.621	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1a 2.4 GHz WIFI	0.605	0.042	0.647	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.605	0.055	0.660	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant 1a 2.4 GHz WIFI	0.605	0.036	0.641	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1a 2.4 GHz WIFI	0.605	0.050	0.655	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.566	0.044	0.610	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.566	0.023	0.589	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1a 2.4 GHz WIFI	0.566	0.016	0.582	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1a 2.4 GHz WIFI	0.566	0.042	0.608	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.566	0.055	0.621	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant 1a 2.4 GHz WIFI	0.566	0.036	0.602	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1a 2.4 GHz WIFI	0.566	0.050	0.616	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.561	0.044	0.605	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.561	0.023	0.584	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1a 2.4 GHz WIFI	0.561	0.016	0.577	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1a 2.4 GHz WIFI	0.561	0.042	0.603	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.561	0.055	0.616	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant 1a 2.4 GHz WIFI	0.561	0.036	0.597	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1a 2.4 GHz WIFI	0.561	0.050	0.611	1.17

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

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E.4.9.5 Bottom Antenna Cluster Summation

Table E-127

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant 3a 2.4 GHz WIFI	0.065 + 0.015	0.041 + 0.009	0.050
Ant 3a UMTS 1900	Ant 3a 2.4 GHz WIFI	0.088 + 0.015	0.055 + 0.009	0.064
Ant 3a LTE Band 30	Ant 3a 2.4 GHz WIFI	0.053 + 0.015	0.033 + 0.009	0.042
Ant 3a NR Band n7	Ant 3a 2.4 GHz WIFI	0.033 + 0.015	0.021 + 0.009	0.030
Ant 3a NR Band n41	Ant 3a 2.4 GHz WIFI	0.030 + 0.015	0.019 + 0.009	0.028

Table E-128

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 NR Band n70	Ant 1b 5 GHz WIFI	1.182 + 0.392	0.739 + 0.245	0.984
Ant 2 NR Band n25	Ant 1b 5 GHz WIFI	1.186 + 0.392	0.741 + 0.245	0.986
Ant 2 NR Band n30	Ant 1b 5 GHz WIFI	1.194 + 0.392	0.746 + 0.245	0.991
Ant 2 NR Band n7	Ant 1b 5 GHz WIFI	0.615 + 0.392	0.384 + 0.245	0.629
Ant 2 NR Band n41	Ant 1b 5 GHz WIFI	0.466 + 0.392	0.291 + 0.245	0.536
Ant 2 NR Band n48	Ant 1b 5 GHz WIFI	0.311 + 0.392	0.194 + 0.245	0.439
Ant 2 NR Band n77	Ant 1b 5 GHz WIFI	1.033 + 0.392	0.646 + 0.245	0.891

E.4.9.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-129

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 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant 1b 5 GHz WIFI	0.050	0.984	1.034	0.00	0.00
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1b 5 GHz WIFI	0.050	0.986	1.036	0.00	0.00
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1b 5 GHz WIFI	0.050	0.991	1.041	0.00	0.00
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1b 5 GHz WIFI	0.050	0.629	0.679	0.00	N/A
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1b 5 GHz WIFI	0.050	0.536	0.586	0.00	N/A
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant 1b 5 GHz WIFI	0.050	0.439	0.489	0.00	N/A
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1b 5 GHz WIFI	0.050	0.891	0.941	0.00	N/A
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant 1b 5 GHz WIFI	0.064	0.984	1.048	0.00	0.00
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1b 5 GHz WIFI	0.064	0.986	1.050	0.00	0.00
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1b 5 GHz WIFI	0.064	0.991	1.055	0.00	0.00
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1b 5 GHz WIFI	0.064	0.629	0.693	0.00	N/A
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1b 5 GHz WIFI	0.064	0.536	0.600	0.00	N/A
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant 1b 5 GHz WIFI	0.064	0.439	0.503	0.00	N/A
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1b 5 GHz WIFI	0.064	0.891	0.955	0.00	N/A
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant 1b 5 GHz WIFI	0.042	0.984	1.026	0.00	0.00
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1b 5 GHz WIFI	0.042	0.986	1.028	0.00	0.00
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1b 5 GHz WIFI	0.042	0.991	1.033	0.00	0.00
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1b 5 GHz WIFI	0.042	0.629	0.671	0.00	N/A
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1b 5 GHz WIFI	0.042	0.536	0.578	0.00	N/A
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant 1b 5 GHz WIFI	0.042	0.439	0.481	0.00	N/A
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1b 5 GHz WIFI	0.042	0.891	0.933	0.00	N/A
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant 1b 5 GHz WIFI	0.030	0.984	1.014	0.00	0.00
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1b 5 GHz WIFI	0.030	0.986	1.016	0.00	0.00
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1b 5 GHz WIFI	0.030	0.991	1.021	0.00	0.00
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1b 5 GHz WIFI	0.030	0.629	0.659	0.00	N/A
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1b 5 GHz WIFI	0.030	0.536	0.566	0.00	N/A
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant 1b 5 GHz WIFI	0.030	0.439	0.469	0.00	N/A
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1b 5 GHz WIFI	0.030	0.891	0.921	0.00	N/A
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant 1b 5 GHz WIFI	0.028	0.984	1.012	0.00	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant 1b 5 GHz WIFI	0.028	0.986	1.014	0.00	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant 1b 5 GHz WIFI	0.028	0.991	1.019	0.00	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant 1b 5 GHz WIFI	0.028	0.629	0.657	0.00	N/A
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant 1b 5 GHz WIFI	0.028	0.536	0.564	0.00	N/A
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant 1b 5 GHz WIFI	0.028	0.439	0.467	0.00	N/A
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant 1b 5 GHz WIFI	0.028	0.891	0.919	0.00	N/A

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E.4.9.7 Right Antenna Cluster Summation

Table E-130

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant 3a 2.4 GHz Bluetooth	0.832 + 0.331	0.520 + 0.207	0.727
Ant 3a LTE Band 25	Ant 3a 2.4 GHz Bluetooth	0.896 + 0.331	0.560 + 0.207	0.767
Ant 3a LTE Band 30	Ant 3a 2.4 GHz Bluetooth	0.882 + 0.331	0.551 + 0.207	0.758
Ant 3a LTE Band 7	Ant 3a 2.4 GHz Bluetooth	1.107 + 0.331	0.692 + 0.207	0.899
Ant 3a NR Band n41	Ant 3a 2.4 GHz Bluetooth	1.134 + 0.331	0.709 + 0.207	0.916

Table E-131

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 NR Band n70	Ant 1b 6 GHz WIFI	0.218 + 0.028	0.136 + 0.018	0.154
Ant 2 UMTS 1900	Ant 1b 6 GHz WIFI	0.330 + 0.028	0.206 + 0.018	0.224
Ant 2 NR Band n30	Ant 1b 6 GHz WIFI	0.195 + 0.028	0.122 + 0.018	0.140
Ant 2 NR Band n7	Ant 1b 6 GHz WIFI	1.057 + 0.028	0.661 + 0.018	0.679
Ant 2 NR Band n41	Ant 1b 6 GHz WIFI	1.022 + 0.028	0.639 + 0.018	0.657
Ant 2 NR Band n48	Ant 1b 6 GHz WIFI	0.770 + 0.028	0.481 + 0.018	0.499
Ant 2 NR Band n77	Ant 1b 6 GHz WIFI	1.177 + 0.028	0.736 + 0.018	0.754

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E.4.9.8 Right Antenna Cluster 1 + 2 SPLSR

Table E-132

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 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant 1b 6 GHz WIFI	0.727	0.154	0.881	112.70	N/A
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1b 6 GHz WIFI	0.727	0.224	0.951	112.70	N/A
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant 1b 6 GHz WIFI	0.727	0.140	0.867	112.70	N/A
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant 1b 6 GHz WIFI	0.727	0.679	1.406	112.70	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1b 6 GHz WIFI	0.727	0.657	1.384	112.70	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1b 6 GHz WIFI	0.727	0.499	1.226	112.70	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant 1b 6 GHz WIFI	0.727	0.754	1.481	112.70	0.02
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant 1b 6 GHz WIFI	0.767	0.154	0.921	112.70	N/A
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1b 6 GHz WIFI	0.767	0.224	0.991	112.70	N/A
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant 1b 6 GHz WIFI	0.767	0.140	0.907	112.70	N/A
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant 1b 6 GHz WIFI	0.767	0.679	1.446	112.70	0.02
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1b 6 GHz WIFI	0.767	0.657	1.424	112.70	0.02
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1b 6 GHz WIFI	0.767	0.499	1.266	112.70	0.01
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant 1b 6 GHz WIFI	0.767	0.754	1.521	112.70	0.02
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant 1b 6 GHz WIFI	0.758	0.154	0.912	112.70	N/A
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1b 6 GHz WIFI	0.758	0.224	0.982	112.70	N/A
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant 1b 6 GHz WIFI	0.758	0.140	0.898	112.70	N/A
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant 1b 6 GHz WIFI	0.758	0.679	1.437	112.70	0.02
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1b 6 GHz WIFI	0.758	0.657	1.415	112.70	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1b 6 GHz WIFI	0.758	0.499	1.257	112.70	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant 1b 6 GHz WIFI	0.758	0.754	1.512	112.70	0.02
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant 1b 6 GHz WIFI	0.899	0.154	1.053	112.70	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1b 6 GHz WIFI	0.899	0.224	1.123	112.70	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant 1b 6 GHz WIFI	0.899	0.140	1.039	112.70	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant 1b 6 GHz WIFI	0.899	0.679	1.578	112.70	0.02
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1b 6 GHz WIFI	0.899	0.657	1.556	112.70	0.02
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1b 6 GHz WIFI	0.899	0.499	1.398	112.70	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant 1b 6 GHz WIFI	0.899	0.754	1.653	112.70	0.02
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n70 + Ant 1b 6 GHz WIFI	0.916	0.154	1.070	112.70	0.01
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant 1b 6 GHz WIFI	0.916	0.224	1.140	112.70	0.01
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n30 + Ant 1b 6 GHz WIFI	0.916	0.140	1.056	112.70	0.01
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n7 + Ant 1b 6 GHz WIFI	0.916	0.679	1.595	112.70	0.02
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1b 6 GHz WIFI	0.916	0.657	1.573	112.70	0.02
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1b 6 GHz WIFI	0.916	0.499	1.415	112.70	0.01
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 + Ant 1b 6 GHz WIFI	0.916	0.754	1.670	112.70	0.02

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E.4.9.9 Left Antenna Cluster Summation

Table E-133

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant 3a 2.4 GHz Bluetooth	0.011 + 0.004	0.007 + 0.003	0.010
Ant 3a UMTS 1900	Ant 3a 2.4 GHz Bluetooth	0.013 + 0.004	0.008 + 0.003	0.011
Ant 3a NR Band n30	Ant 3a 2.4 GHz Bluetooth	0.013 + 0.004	0.008 + 0.003	0.011
Ant 3a NR Band n7	Ant 3a 2.4 GHz Bluetooth	0.010 + 0.004	0.006 + 0.003	0.009
Ant 3a NR Band n41	Ant 3a 2.4 GHz Bluetooth	0.017 + 0.004	0.011 + 0.003	0.014

Table E-134

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC2 Sum (ER)
Ant 2 UMTS 1750	Ant 1a 2.4 GHz WIFI	0.039 + 0.371	0.024 + 0.232	0.256
Ant 2 NR Band n25	Ant 1a 2.4 GHz WIFI	0.025 + 0.371	0.016 + 0.232	0.248
Ant 2 LTE Band 30	Ant 1a 2.4 GHz WIFI	0.004 + 0.371	0.003 + 0.232	0.235
Ant 2 LTE Band 7	Ant 1a 2.4 GHz WIFI	0.018 + 0.371	0.011 + 0.232	0.243
Ant 2 NR Band n41	Ant 1a 2.4 GHz WIFI	0.007 + 0.371	0.004 + 0.232	0.236
Ant 2 NR Band n48	Ant 1a 2.4 GHz WIFI	0.006 + 0.371	0.004 + 0.232	0.236
Ant 2 NR Band n77 DoD	Ant 1a 2.4 GHz WIFI	0.014 + 0.371	0.009 + 0.232	0.241

E.4.9.10 Left Antenna Cluster 1 + 2 SPLSR

Table E-135

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 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.010	0.256	0.266	68.73
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.010	0.248	0.258	68.73
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.010	0.235	0.245	68.73
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.010	0.243	0.253	68.73
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.010	0.236	0.246	68.73
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.010	0.236	0.246	68.73
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.010	0.241	0.251	68.73
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.011	0.256	0.267	68.73
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.011	0.248	0.259	68.73
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.011	0.235	0.246	68.73
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.011	0.243	0.254	68.73
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.011	0.236	0.247	68.73
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.011	0.236	0.247	68.73
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.011	0.241	0.252	68.73
Ant 3a NR Band n30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.011	0.256	0.267	68.73
Ant 3a NR Band n30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.011	0.248	0.259	68.73
Ant 3a NR Band n30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.011	0.235	0.246	68.73
Ant 3a NR Band n30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.011	0.243	0.254	68.73
Ant 3a NR Band n30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.011	0.236	0.247	68.73
Ant 3a NR Band n30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.011	0.236	0.247	68.73
Ant 3a NR Band n30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.011	0.241	0.252	68.73
Ant 3a NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.009	0.256	0.265	68.73
Ant 3a NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.009	0.248	0.257	68.73
Ant 3a NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.009	0.235	0.244	68.73
Ant 3a NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.009	0.243	0.252	68.73
Ant 3a NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.009	0.236	0.245	68.73
Ant 3a NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.009	0.236	0.245	68.73
Ant 3a NR Band n7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.009	0.241	0.250	68.73
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1750 + Ant 1a 2.4 GHz WIFI	0.014	0.256	0.270	68.73
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n25 + Ant 1a 2.4 GHz WIFI	0.014	0.248	0.262	68.73
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant 1a 2.4 GHz WIFI	0.014	0.235	0.249	68.73
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant 1a 2.4 GHz WIFI	0.014	0.243	0.257	68.73
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n41 + Ant 1a 2.4 GHz WIFI	0.014	0.236	0.250	68.73
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant 1a 2.4 GHz WIFI	0.014	0.236	0.250	68.73
Ant 3a NR Band n41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant 1a 2.4 GHz WIFI	0.014	0.241	0.255	68.73

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

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E.4.10 Combination 10: AC1 (Ant 3a + Ant 3a) and AC2 (Ant 2 + Ant WF5B)

E.4.10.1 Back Antenna Cluster Summation

Table E-136

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant 3a 2.4 GHz Bluetooth	1.184 + 0.394	0.740 + 0.246	0.986
Ant 3a NR Band n25	Ant 3a 2.4 GHz Bluetooth	1.176 + 0.394	0.735 + 0.246	0.981
Ant 3a LTE Band 30	Ant 3a 2.4 GHz Bluetooth	1.183 + 0.394	0.739 + 0.246	0.985
Ant 3a LTE Band 7	Ant 3a 2.4 GHz Bluetooth	1.184 + 0.394	0.740 + 0.246	0.986
Ant 3a LTE Band 41	Ant 3a 2.4 GHz Bluetooth	1.191 + 0.394	0.744 + 0.246	0.990

Table E-137

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

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E.4.10.2 Back Antenna Cluster 1 + 2 SPLSR

Table E-138

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 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.986	0.798	1.784	171.82	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.986	0.598	1.584	171.82	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.986	0.600	1.586	171.82	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.986	0.789	1.775	171.82	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.986	0.802	1.788	171.82	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.986	0.792	1.778	171.82	0.01
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.986	0.797	1.783	171.82	0.01
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.981	0.798	1.779	171.82	0.01
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.981	0.598	1.579	171.82	0.01
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.981	0.600	1.581	171.82	0.01
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.981	0.789	1.770	171.82	0.01
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.981	0.802	1.783	171.82	0.01
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.981	0.792	1.773	171.82	0.01
Ant 3a NR Band n25 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.981	0.797	1.778	171.82	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.985	0.798	1.783	171.82	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.985	0.598	1.583	171.82	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.985	0.600	1.585	171.82	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.985	0.789	1.774	171.82	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.985	0.802	1.787	171.82	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.985	0.792	1.777	171.82	0.01
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.985	0.797	1.782	171.82	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.986	0.798	1.784	171.82	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.986	0.598	1.584	171.82	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.986	0.600	1.586	171.82	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.986	0.789	1.775	171.82	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.986	0.802	1.788	171.82	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.986	0.792	1.778	171.82	0.01
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.986	0.797	1.783	171.82	0.01
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 66 + Ant WF5B 5 GHz WIFI	0.990	0.798	1.788	171.82	0.01
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 UMTS 1900 + Ant WF5B 5 GHz WIFI	0.990	0.598	1.588	171.82	0.01
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 30 + Ant WF5B 5 GHz WIFI	0.990	0.600	1.590	171.82	0.01
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 7 + Ant WF5B 5 GHz WIFI	0.990	0.789	1.779	171.82	0.01
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 LTE Band 41 + Ant WF5B 5 GHz WIFI	0.990	0.802	1.792	171.82	0.01
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n48 + Ant WF5B 5 GHz WIFI	0.990	0.792	1.782	171.82	0.01
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz Bluetooth	Ant 2 NR Band n77 DoD + Ant WF5B 5 GHz WIFI	0.990	0.797	1.787	171.82	0.01

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E.4.10.3 Top Antenna Cluster Summation

Table E-139

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant 3a 2.4 GHz WIFI	0.835 + 0.216	0.522 + 0.135	0.657
Ant 3a LTE Band 25	Ant 3a 2.4 GHz WIFI	0.697 + 0.216	0.436 + 0.135	0.571
Ant 3a LTE Band 30	Ant 3a 2.4 GHz WIFI	0.752 + 0.216	0.470 + 0.135	0.605
Ant 3a LTE Band 7	Ant 3a 2.4 GHz WIFI	0.690 + 0.216	0.431 + 0.135	0.566
Ant 3a LTE Band 41	Ant 3a 2.4 GHz WIFI	0.682 + 0.216	0.426 + 0.135	0.561

Table E-140

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

E.4.10.4 Top Antenna Cluster 1 + 2 SPLSR

Table E-141

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 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.657	0.032	0.689	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.657	0.011	0.668	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.657	0.004	0.661	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.657	0.030	0.687	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.657	0.043	0.700	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.657	0.024	0.681	1.17
Ant 3a LTE Band 66 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.657	0.038	0.695	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.571	0.032	0.603	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.571	0.011	0.582	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.571	0.004	0.575	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.571	0.030	0.601	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.571	0.043	0.614	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.571	0.024	0.595	1.17
Ant 3a LTE Band 25 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.571	0.038	0.609	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.605	0.032	0.637	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.605	0.011	0.616	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.605	0.004	0.609	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.605	0.030	0.635	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.605	0.043	0.648	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.605	0.024	0.629	1.17
Ant 3a LTE Band 30 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.605	0.038	0.643	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.566	0.032	0.598	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.566	0.011	0.577	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.566	0.004	0.570	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.566	0.030	0.596	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.566	0.043	0.609	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.566	0.024	0.590	1.17
Ant 3a LTE Band 7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.566	0.038	0.604	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 UMTS 1750 + Ant WF5B NB U-NII 3	0.561	0.032	0.593	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B NB U-NII 3	0.561	0.011	0.572	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B NB U-NII 3	0.561	0.004	0.565	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B NB U-NII 3	0.561	0.030	0.591	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B NB U-NII 3	0.561	0.043	0.604	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 LTE Band 48 + Ant WF5B NB U-NII 3	0.561	0.024	0.585	1.17
Ant 3a LTE Band 41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B NB U-NII 3	0.561	0.038	0.599	1.17

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

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E.4.10.5 Bottom Antenna Cluster Summation

Table E-142

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant 3a 2.4 GHz WIFI	0.065 + 0.015	0.041 + 0.009	0.050
Ant 3a UMTS 1900	Ant 3a 2.4 GHz WIFI	0.088 + 0.015	0.055 + 0.009	0.064
Ant 3a LTE Band 30	Ant 3a 2.4 GHz WIFI	0.053 + 0.015	0.033 + 0.009	0.042
Ant 3a NR Band n7	Ant 3a 2.4 GHz WIFI	0.033 + 0.015	0.021 + 0.009	0.030
Ant 3a NR Band n41	Ant 3a 2.4 GHz WIFI	0.030 + 0.015	0.019 + 0.009	0.028

Table E-143

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

E.4.10.6 Bottom Antenna Cluster 1 + 2 SPLSR

Table E-144

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 3a LTE Band 66 + 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 3a LTE Band 66 + 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 3a LTE Band 66 + 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 3a LTE Band 66 + 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 3a LTE Band 66 + 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 3a LTE Band 66 + 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 3a LTE Band 66 + 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 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.064	0.754	0.818	0.00
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.064	0.756	0.820	0.00
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.064	0.761	0.825	0.00
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.064	0.399	0.463	0.00
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.064	0.306	0.370	0.00
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.064	0.209	0.273	0.00
Ant 3a UMTS 1900 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.064	0.661	0.725	0.00
Ant 3a LTE Band 30 + 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 3a LTE Band 30 + 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 3a LTE Band 30 + 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 3a LTE Band 30 + 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 3a LTE Band 30 + 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 3a LTE Band 30 + 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 3a LTE Band 30 + 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 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.030	0.754	0.784	0.00
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.030	0.756	0.786	0.00
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.030	0.761	0.791	0.00
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.030	0.399	0.429	0.00
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.030	0.306	0.336	0.00
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.030	0.209	0.239	0.00
Ant 3a NR Band n7 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.030	0.661	0.691	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n70 + Ant WF5B 6 GHz WIFI	0.028	0.754	0.782	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n25 + Ant WF5B 6 GHz WIFI	0.028	0.756	0.784	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n30 + Ant WF5B 6 GHz WIFI	0.028	0.761	0.789	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n7 + Ant WF5B 6 GHz WIFI	0.028	0.399	0.427	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n41 + Ant WF5B 6 GHz WIFI	0.028	0.306	0.334	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n48 + Ant WF5B 6 GHz WIFI	0.028	0.209	0.237	0.00
Ant 3a NR Band n41 + Ant 3a 2.4 GHz WIFI	Ant 2 NR Band n77 + Ant WF5B 6 GHz WIFI	0.028	0.661	0.689	0.00

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

FCC ID: BCGA3596	RF EXPOSURE REPORT  This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Approved by: Technical Manager
DUT Type: Tablet Device			APPENDIX E: Page 76 of 366

E.4.10.7 Right Antenna Cluster Summation

Table E-145

Ant "a"	Ant "b"	a + b (W/kg)	a + b (ER)	AC1 Sum (ER)
Ant 3a LTE Band 66	Ant 3a 2.4 GHz Bluetooth	0.832 + 0.331	0.520 + 0.207	0.727
Ant 3a LTE Band 25	Ant 3a 2.4 GHz Bluetooth	0.896 + 0.331	0.560 + 0.207	0.767
Ant 3a LTE Band 30	Ant 3a 2.4 GHz Bluetooth	0.882 + 0.331	0.551 + 0.207	0.758
Ant 3a LTE Band 7	Ant 3a 2.4 GHz Bluetooth	1.107 + 0.331	0.692 + 0.207	0.899
Ant 3a NR Band n41	Ant 3a 2.4 GHz Bluetooth	1.134 + 0.331	0.709 + 0.207	0.916

Table E-146

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