

Appendix E

Conducted power

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1. Conducted power

BT

Test Mode	Antenna	Frequency [MHz]	Average conducted power [dBm]	Max. Tune-up Power (dBm)	SAR Test	duty cycle [%]
DH5	Ant1	2402	9.45	10.0	Excluded	/
		2441	9.18	10.0		
		2480	8.96	10.0		
2DH5	Ant1	2402	11.39	12.0		
		2441	11.32	12.0		
		2480	11.12	12.0		
3DH5	Ant1	2402	11.69	12.0	Required	0.5749
		2441	11.39	12.0		0.5768
		2480	11.03	12.0		0.5780

BLE

Test Mode	Antenna	Frequency [MHz]	Average conducted power [dBm]	Max. Tune-up Power (dBm)	SAR Test	duty cycle [%]
BLE_1M	Ant1	2402	9.93	10.0	Excluded	/
		2440	9.82	10.0		
		2480	9.58	10.0		
BLE_2M	Ant1	2404	9.8	10.0		
		2440	9.69	10.0		
		2478	9.56	10.0		

2.4G WIFI

Test Mode	Antenna	Channel	Average conducted power [dBm]	Max. Tune-up Power (dBm)	SAR Test	duty cycle [%]
11B	Ant1	2412	12.03	13	Required	0.9964
	Ant2	2412	12.85	13		0.9964
	Ant1	2437	12.09	13		0.9964
	Ant2	2437	12.79	13		0.9964
	Ant1	2462	12.04	13		0.9964
	Ant2	2462	12.76	13		0.9964
11G	Ant1	2412	13.34	14	Required	0.972
	Ant2	2412	14.23	15		0.972
	Ant1	2437	13.36	14		0.972
	Ant2	2437	14.18	15		0.972
	Ant1	2462	13.36	14		0.972
	Ant2	2462	14.22	15		0.972
11N20MIMO	Ant1	2412	12.47	13	Excluded	/
	Ant2	2412	13.55	14		
	Ant1	2437	12.53	13		
	Ant2	2437	13.53	14		

	Ant1	2462	12.56	13	
	Ant2	2462	13.61	14	
11N40MIMO	Ant1	2422	10.51	11	
	Ant2	2422	11.16	12	
	Ant1	2437	10.46	11	
	Ant2	2437	11.08	12	
	Ant1	2452	10.46	11	
	Ant2	2452	11.11	12	
11AX20MIMO	Ant1	2412	12.76	13	
	Ant2	2412	13.61	14	
	Ant1	2437	12.85	13	
	Ant2	2437	13.39	14	
	Ant1	2462	12.60	13	
	Ant2	2462	13.43	14	
11AX40MIMO	Ant1	2422	10.85	11	
	Ant2	2422	11.51	12	
	Ant1	2437	10.85	11	
	Ant2	2437	11.45	12	
	Ant1	2452	10.83	11	
	Ant2	2452	11.45	12	

5G WIFI

Test Mode	Antenna	Channel	Conducted Output Power [dBm]	Max. Tune-up Power(dBm)	SAR Test	duty cycle[%]
11A	Ant1	5180	15.61	16	Required	97.89
	Ant2	5180	15.79	16		97.20
	Ant1	5200	15.18	16		97.90
	Ant2	5200	15.81	16		97.20
	Ant1	5240	15.54	16		97.20
	Ant2	5240	15.75	16		97.20
	Ant1	5260	16.31	17		97.89
	Ant2	5260	16.65	17		97.90
	Ant1	5280	16.38	17		97.89
	Ant2	5280	16.64	17		97.89
	Ant1	5320	16.24	17		97.89
	Ant2	5320	17.02	17.5		97.20
	Ant1	5500	15.20	16		97.89
	Ant2	5500	15.83	16		97.20
	Ant1	5580	15.78	16		97.89
	Ant2	5580	16.26	17		97.89
	Ant1	5700	15.98	16		97.89
	Ant2	5700	16.13	16.5		97.20
	Ant1	5720	15.53	16		97.89
	Ant2	5720	15.69	16		97.89
	Ant1	5745	14.45	15		97.89
	Ant2	5745	15.08	16		97.89
	Ant1	5785	14.57	15		97.89
	Ant2	5785	14.98	15		97.89
	Ant1	5825	14.45	15		97.89
	Ant2	5825	14.41	15		97.89
11N20MIMO	Ant1	5180	13.42	14	Excluded	/
	Ant2	5180	13.29	14		
	Ant1	5200	13.57	14		
	Ant2	5200	13.45	14		
	Ant1	5240	13.70	14		
	Ant2	5240	13.45	14		
	Ant1	5260	13.70	14		
	Ant2	5260	13.38	14		
	Ant1	5280	13.65	14		
	Ant2	5280	13.43	14		
	Ant1	5320	13.55	14		
	Ant2	5320	13.49	14		
	Ant1	5500	13.31	14		
	Ant2	5500	12.31	13		
	Ant1	5580	13.21	14		
	Ant2	5580	13.39	14		
	Ant1	5700	12.77	13		

	Ant2	5700	12.77	13
	Ant1	5720	12.56	13
	Ant2	5720	12.63	13
	Ant1	5745	12.58	13
	Ant2	5745	12.53	13
	Ant1	5785	12.49	13
	Ant2	5785	12.61	13
	Ant1	5825	12.39	13
	Ant2	5825	12.38	13
11N40MIMO	Ant1	5190	14.03	15
	Ant2	5190	14.43	15
	Ant1	5230	14.09	15
	Ant2	5230	14.62	15
	Ant1	5270	14.20	15
	Ant2	5270	14.39	15
	Ant1	5310	14.17	15
	Ant2	5310	14.46	15
	Ant1	5510	13.87	14
	Ant2	5510	13.48	14
	Ant1	5550	13.93	14
	Ant2	5550	13.61	14
	Ant1	5670	13.28	14
	Ant2	5670	13.60	14
	Ant1	5710	13.26	14
	Ant2	5710	13.53	14
	Ant1	5755	13.07	14
	Ant2	5755	13.59	14
	Ant1	5795	12.77	13
	Ant2	5795	13.41	14
11AC20MIMO	Ant1	5180	13.30	14
	Ant2	5180	13.49	14
	Ant1	5200	13.48	14
	Ant2	5200	13.57	14
	Ant1	5240	13.62	14
	Ant2	5240	13.58	14
	Ant1	5260	13.67	14
	Ant2	5260	13.60	14
	Ant1	5280	13.68	14
	Ant2	5280	13.64	14
	Ant1	5320	13.55	14
	Ant2	5320	13.73	14
	Ant1	5500	13.29	14
	Ant2	5500	12.51	13
	Ant1	5580	13.38	14
	Ant2	5580	13.70	14
	Ant1	5700	12.78	13
	Ant2	5700	12.85	13

	Ant1	5720	12.68	13
	Ant2	5720	12.81	13
	Ant1	5745	12.58	13
	Ant2	5745	12.72	13
	Ant1	5785	12.45	13
	Ant2	5785	12.83	13
	Ant1	5825	12.43	13
	Ant2	5825	12.49	13
11AC40MIMO	Ant1	5190	14.03	15
	Ant2	5190	14.41	15
	Ant1	5230	14.28	15
	Ant2	5230	14.59	15
	Ant1	5270	14.25	15
	Ant2	5270	14.54	15
	Ant1	5310	14.17	15
	Ant2	5310	14.65	15
	Ant1	5510	13.83	14
	Ant2	5510	13.51	14
	Ant1	5550	14.10	14
	Ant2	5550	13.79	14
	Ant1	5670	13.32	14
	Ant2	5670	13.57	14
	Ant1	5710	13.31	14
	Ant2	5710	13.66	14
	Ant1	5755	13.10	14
	Ant2	5755	13.55	14
	Ant1	5795	12.95	14
	Ant2	5795	13.56	14
11AC80MIMO	Ant1	5210	11.99	13
	Ant2	5210	12.16	13
	Ant1	5290	12.18	13
	Ant2	5290	12.19	13
	Ant1	5530	11.83	12
	Ant2	5530	11.29	12
	Ant1	5610	11.97	13
	Ant2	5610	12.47	13
	Ant1	5690	11.41	12
	Ant2	5690	11.45	12
	Ant1	5775	11.10	12
	Ant2	5775	11.45	12
11AX20MIMO	Ant1	5180	12.45	13
	Ant2	5180	12.89	13
	Ant1	5200	12.46	13
	Ant2	5200	13.01	14
	Ant1	5240	12.81	13
	Ant2	5240	13.04	14
	Ant1	5260	12.78	13

	Ant2	5260	12.97	13
	Ant1	5280	12.67	13
	Ant2	5280	12.99	13
	Ant1	5320	12.80	13
	Ant2	5320	12.89	13
	Ant1	5500	12.48	13
	Ant2	5500	11.77	13
	Ant1	5580	12.47	13
	Ant2	5580	12.93	13
	Ant1	5700	12.03	13
	Ant2	5700	12.30	13
	Ant1	5720	11.96	13
	Ant2	5720	12.23	13
	Ant1	5745	11.76	13
	Ant2	5745	12.24	13
	Ant1	5785	11.62	13
	Ant2	5785	12.26	13
	Ant1	5825	11.60	13
	Ant2	5825	12.03	13
11AX40MIMO	Ant1	5190	11.64	13
	Ant2	5190	12.22	13
	Ant1	5230	11.94	13
	Ant2	5230	12.64	13
	Ant1	5270	11.76	13
	Ant2	5270	12.57	13
	Ant1	5310	11.83	13
	Ant2	5310	12.57	13
	Ant1	5510	11.65	12
	Ant2	5510	11.41	12
	Ant1	5550	11.75	12
	Ant2	5550	11.85	12
	Ant1	5670	11.08	12
	Ant2	5670	11.86	12
	Ant1	5710	11.16	12
	Ant2	5710	11.82	12
	Ant1	5755	10.85	12
	Ant2	5755	11.86	12
	Ant1	5795	10.84	12
	Ant2	5795	11.73	12
11AX80MIMO	Ant1	5210	12.83	13
	Ant2	5210	11.99	13
	Ant1	5290	13.03	14
	Ant2	5290	11.98	13
	Ant1	5530	12.38	13
	Ant2	5530	11.05	13
	Ant1	5610	12.48	13
	Ant2	5610	12.42	13

Ant1	5690	11.93	13
Ant2	5690	11.45	13
Ant1	5775	11.72	13
Ant2	5775	11.24	13

2.4G RU and 5G RU Power is excluded, no need for SAR.