

Appendix M. WIFI6E SAR and PD Measurement of Result

Note.

1. WIFI6E operations support SISO and MIMO. SAR test condition for SISO and MIMO mode are following by KDB248227 D01v02r02.
2. The manufacturer has confirmed that the devices tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
3. Per FCC guidance, SAR was performed using 6.5GHz SAR probe calibration factors. Per October 2020 TCB Workshop notes. At least 5 channels were tested. Absorbed power density (APD) using a 4cm² averaging area is reported based on SAR measurements. Incident power density was evaluated at 2mm ensuring that the resolution is sufficient such that integrated power density (iPD) between $d=2\text{mm}$ and $d=\lambda/5\text{mm}$ varies by <1dB per equipment manufacturer guidance. Power density results are scaled up for uncertainty above 30%.
4. Per FCC guidance and equipment manufacturer guidance, power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty >30%. Total expanded uncertainty of 2.68dB (85.4%) was used to determine the psPD measurement scaling factor.

SAR Test Result

System & Position						SAR								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dbm)	Measured Conducted Power (dbm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
Head SAR Test														
1	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.17	0.05	0.05
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 6	99.00	1.01	14.50	14.47	1.01	0.17	0.038	0.04
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.08	0.013	0.01
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 6	99.00	1.01	14.50	14.47	1.01	0.04	0.012	0.01
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 6	99.00	1.01	14.50	14.5	1.00	0.03	0.04	0.04
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 6	99.00	1.01	14.50	14.42	1.02	-0.09	0.011	0.01
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 6	99.00	1.01	14.50	14.43	1.02	0.06	0.037	0.04
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 6	99.00	1.01	14.50	14.35	1.04	0.11	0.046	0.05
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 6	99.00	1.01	14.50	14.46	1.01	0.19	0.038	0.04
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 6	99.00	1.01	14.50	14.48	1.00	-0.04	0.038	0.04
2	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.02	0.286	0.29
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.18	0.215	0.22
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.07	0.072	0.07
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.19	0.066	0.07
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 3	99.00	1.01	14.50	14.5	1.00	-0.16	0.23	0.23
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 3	99.00	1.01	14.50	14.25	1.06	0.02	0.061	0.07
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 3	99.00	1.01	14.50	14.42	1.02	0.02	0.209	0.22
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 3	99.00	1.01	14.50	14.34	1.04	0	0.26	0.27
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 3	99.00	1.01	14.50	14.38	1.03	0.18	0.215	0.22
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 3	99.00	1.01	14.50	14.45	1.01	-0.03	0.22	0.22
3	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.03	0.172	0.18
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.19	0.152	0.16
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.1	0.125	0.13
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.01	0.107	0.11
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 4	99.00	1.01	14.50	14.5	1.00	0.01	0.107	0.11
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 4	99.00	1.01	14.50	14.25	1.06	-0.15	0.103	0.11
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 4	99.00	1.01	14.50	14.42	1.02	0.04	0.17	0.18
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 4	99.00	1.01	14.50	14.34	1.04	0.16	0.038	0.04
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 4	99.00	1.01	14.50	14.38	1.03	-0.08	0.148	0.15
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 4	99.00	1.01	14.50	14.45	1.01	0.12	0.129	0.13
4	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.11	0.253	0.28
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.01	0.189	0.21
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.14	0.063	0.07
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.04	0.058	0.07
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 6+3	99.00	1.01	15.00	14.5	1.12	-0.05	0.203	0.23
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 6+3	99.00	1.01	15.00	14.25	1.19	0.11	0.054	0.06
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 6+3	99.00	1.01	15.00	14.58	1.10	0.18	0.185	0.21
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 6+3	99.00	1.01	15.00	14.42	1.14	-0.16	0.231	0.27
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 6+3	99.00	1.01	15.00	14.42	1.14	-0.12	0.189	0.22
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 6+3	99.00	1.01	15.00	14.63	1.09	-0.16	0.194	0.21
							-	-	-	-			-	-
5	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.02	0.28	0.31
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.01	0.247	0.28
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.19	0.202	0.23
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.07	0.173	0.19
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 6+4	99.00	1.01	15.00	14.5	1.12	0.06	0.173	0.20
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 6+4	99.00	1.01	15.00	14.25	1.19	0.16	0.167	0.20
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 6+4	99.00	1.01	15.00	14.58	1.10	0.08	0.276	0.31
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 6+4	99.00	1.01	15.00	14.42	1.14	-0.19	0.061	0.07
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 6+4	99.00	1.01	15.00	14.42	1.14	0.02	0.241	0.28
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 6+4	99.00	1.01	15.00	14.63	1.09	0.05	0.209	0.23
							-	1.00	-	-	1		-	-

SAR Test Result

System & Position						SAR								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
Body-worn SAR Test														
6	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.14	0.02	0.02
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.11	0.047	0.05
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 6	99.00	1.01	14.50	14.5	1.00	-0.02	0.012	0.01
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 6	99.00	1.01	14.50	14.42	1.02	-0.1	0.017	0.02
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 6	99.00	1.01	14.50	14.43	1.02	0	0.00114	0.00
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 6	99.00	1.01	14.50	14.35	1.04	0	0.00101	0.00
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 6	99.00	1.01	14.50	14.46	1.01	0	0.00122	0.00
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 6	99.00	1.01	14.50	14.48	1.00	0	0.00103	0.00
							-	1.00	-	-				
7	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.03	0.00671	0.01
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.16	0.016	0.02
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 3	99.00	1.01	14.50	14.5	1.00	0.07	0.00413	0.00
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 3	99.00	1.01	14.50	14.25	1.06	0.07	0.00568	0.01
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 3	99.00	1.01	14.50	14.42	1.02	0	0.013	0.01
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 3	99.00	1.01	14.50	14.34	1.04	0	0.00987	0.01
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 3	99.00	1.01	14.50	14.38	1.03	0	0.014	0.01
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 3	99.00	1.01	14.50	14.45	1.01	0.01	0.015	0.02
							-	1.00	-	-				
8	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0	<0.001	0.00
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.12	0.028	0.03
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 4	99.00	1.01	14.50	14.5	1.00	0.13	0.02	0.02
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 4	99.00	1.01	14.50	14.25	1.06	0	0.011	0.01
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 4	99.00	1.01	14.50	14.42	1.02	0	0.01	0.01
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 4	99.00	1.01	14.50	14.34	1.04	0	0.014	0.01
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 4	99.00	1.01	14.50	14.38	1.03	0	0.016	0.02
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 4	99.00	1.01	14.50	14.45	1.01	0	0.017	0.02
							-	1.00	-	-				
9	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.11	0.011	0.01
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.12	0.059	0.07
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 6+3	99.00	1.01	15.00	14.5	1.12	-0.03	0.015	0.02
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 6+3	99.00	1.01	15.00	14.25	1.19	-0.04	0.021	0.03
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 6+3	99.00	1.01	15.00	14.58	1.10	0	0.016	0.02
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 6+3	99.00	1.01	15.00	14.42	1.14	0	0.012	0.01
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 6+3	99.00	1.01	15.00	14.42	1.14	0	0.019	0.02
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 6+3	99.00	1.01	15.00	14.63	1.09	0	0.023	0.03
							-	1.00	-	-				
10	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.02	0.016	0.02
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.12	0.024	0.03
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 6+4	99.00	1.01	15.00	14.5	1.12	0	0.014	0.02
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 6+4	99.00	1.01	15.00	14.25	1.19	0	0.011	0.01
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 6+4	99.00	1.01	15.00	14.58	1.10	0	0.017	0.02
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 6+4	99.00	1.01	15.00	14.42	1.14	0	0.016	0.02
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 6+4	99.00	1.01	15.00	14.42	1.14	0	0.019	0.02
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 6+4	99.00	1.01	15.00	14.63	1.09	0	0.017	0.02
							-	1.00	-	-				

SAR Test Result

System & Position						SAR								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-10g (W/kg)	Scaled SAR-10g (W/kg)
Phablet SAR Test														
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.15	0.226	0.23
	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	0.14	0.276	0.28
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.05	0.00838	0.01
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	0.08	0.142	0.14
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.16	0.05	0.05
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.08	0.013	0.01
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 6	99.00	1.01	14.50	14.50	1.00	-0.19	0.356	0.36
11	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 6	99.00	1.01	14.50	14.42	1.02	-0.15	0.377	0.39
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 6	99.00	1.01	14.50	14.43	1.02	0	0.121	0.12
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 6	99.00	1.01	14.50	14.35	1.04	-0.19	0.109	0.11
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 6	99.00	1.01	14.50	14.46	1.01	0.07	0.117	0.12
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 6	99.00	1.01	14.50	14.48	1.00	0.01	0.168	0.17
							-	1.00	-	-			-	-
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.06	0.058	0.06
	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.08	0.071	0.07
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.18	0.00216	0.00
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.06	0.037	0.04
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.07	0.013	0.01
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.06	0.00323	0.00
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 3	99.00	1.01	14.50	14.50	1.00	0.07	0.092	0.09
12	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 3	99.00	1.01	14.50	14.25	1.06	-0.18	0.097	0.10
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 3	99.00	1.01	14.50	14.42	1.02	0	0.031	0.03
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 3	99.00	1.01	14.50	14.34	1.04	-0.03	0.028	0.03
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 3	99.00	1.01	14.50	14.38	1.03	-0.03	0.03	0.03
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 3	99.00	1.01	14.50	14.45	1.01	-0.05	0.043	0.04
							-	1.00	-	-			-	-
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.1	0.02	0.02
	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.06	0.036	0.04
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.05	0	0.00
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.14	0.012	0.01
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.17	0.00611	0.01
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.18	0	0.00
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 4	99.00	1.01	14.50	14.50	1.00	0.06	0.035	0.04
13	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 4	99.00	1.01	14.50	14.25	1.06	-0.11	0.037	0.04
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 4	99.00	1.01	14.50	14.42	1.02	0.12	0.014	0.01
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 4	99.00	1.01	14.50	14.34	1.04	-0.12	0.013	0.01
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 4	99.00	1.01	14.50	14.38	1.03	0.05	0.015	0.02
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 4	99.00	1.01	14.50	14.45	1.01	0.08	0.021	0.02
							-	1.00	-	-			-	-
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	-0.05	0.114	0.13
	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	-0.06	0.14	0.16
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.09	0.004	0.00
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	-0.13	0.072	0.08
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	-0.19	0.025	0.03
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.03	0.00603	0.01
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 6+3	99.00	1.01	15.00	14.50	1.12	-0.09	0.182	0.21
14	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 6+3	99.00	1.01	15.00	14.25	1.19	-0.12	0.191	0.23
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 6+3	99.00	1.01	15.00	14.58	1.10	0.02	0.061	0.07
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 6+3	99.00	1.01	15.00	14.42	1.14	0.16	0.055	0.06
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 6+3	99.00	1.01	15.00	14.42	1.14	0.07	0.059	0.07
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 6+3	99.00	1.01	15.00	14.63	1.09	0.07	0.084	0.09
							-	1.00	-	-			-	-
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.14	0.136	0.15
15	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.12	0.14	0.16
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.13	0.00656	0.01
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.18	0.045	0.05
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.07	0.023	0.03
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.16	0.00788	0.01
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 6+4	99.00	1.01	15.00	14.50	1.12	0.01	0.136	0.15
	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 6+4	99.00	1.01	15.00	14.25	1.19	0.06	0.133	0.16
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 6+4	99.00	1.01	15.00	14.58	1.10	-0.02	0.053	0.06
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 6+4	99.00	1.01	15.00	14.42	1.14	0.09	0.051	0.06
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 6+4	99.00	1.01	15.00	14.42	1.14	-0.11	0.058	0.07
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 6+4	99.00	1.01	15.00	14.63	1.09	0.16	0.082	0.09
							-	1.00	-	-	1		-	-

Absorbed Power Density Test Result

System & Position						SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured APD W/m ² (4cm ²)
Head Absorbed Power Density Test													
1	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.17	0.362
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 6	99.00	1.01	14.50	14.47	1.01	0.17	0.274
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.08	0.091
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 6	99.00	1.01	14.50	14.47	1.01	0.04	0.088
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 6	99.00	1.01	14.50	14.5	1.00	0.03	0.290
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 6	99.00	1.01	14.50	14.42	1.02	-0.09	0.078
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 6	99.00	1.01	14.50	14.43	1.02	0.06	0.268
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 6	99.00	1.01	14.50	14.35	1.04	0.11	0.333
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 6	99.00	1.01	14.50	14.46	1.01	0.19	0.277
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 6	99.00	1.01	14.50	14.48	1.00	-0.04	0.275
2	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.02	1.910
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.18	1.440
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.07	0.478
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.19	0.443
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 3	99.00	1.01	14.50	14.5	1.00	-0.16	1.530
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 3	99.00	1.01	14.50	14.25	1.06	0.02	0.407
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 3	99.00	1.01	14.50	14.42	1.02	0.02	1.390
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 3	99.00	1.01	14.50	14.34	1.04	0	1.710
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 3	99.00	1.01	14.50	14.38	1.03	0.18	1.420
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 3	99.00	1.01	14.50	14.45	1.01	-0.03	1.440
3	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.03	1.400
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.19	1.220
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.1	1.010
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.01	0.873
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 4	99.00	1.01	14.50	14.5	1.00	0.01	0.870
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 4	99.00	1.01	14.50	14.25	1.06	-0.15	0.833
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 4	99.00	1.01	14.50	14.42	1.02	0.04	1.360
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 4	99.00	1.01	14.50	14.34	1.04	0.16	0.309
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 4	99.00	1.01	14.50	14.38	1.03	-0.08	1.170
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 4	99.00	1.01	14.50	14.45	1.01	0.12	1.040
4	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.11	1.620
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.01	1.210
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.14	0.406
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.04	0.377
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 6+3	99.00	1.01	15.00	14.5	1.12	-0.05	1.280
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 6+3	99.00	1.01	15.00	14.25	1.19	0.11	0.346
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 6+3	99.00	1.01	15.00	14.58	1.10	0.18	1.150
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 6+3	99.00	1.01	15.00	14.42	1.14	-0.16	1.390
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 6+3	99.00	1.01	15.00	14.42	1.14	-0.12	1.210
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 6+3	99.00	1.01	15.00	14.63	1.09	-0.16	1.240
5	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.02	1.790
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.01	1.570
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.19	1.280
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.07	1.090
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 6+4	99.00	1.01	15.00	14.5	1.12	0.06	1.080
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 6+4	99.00	1.01	15.00	14.25	1.19	0.16	1.090
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 6+4	99.00	1.01	15.00	14.58	1.10	0.08	1.770
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 6+4	99.00	1.01	15.00	14.42	1.14	-0.19	0.398
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 6+4	99.00	1.01	15.00	14.42	1.14	0.02	1.540
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 6+4	99.00	1.01	15.00	14.63	1.09	0.05	1.340
							-	1.00	-	-	1		

Absorbed Power Density Test Result

System & Position						SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured APD W/m ² (4cm ²)
Body-worn Absorbed Power Density Test													
6	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.14	0.199
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.11	0.460
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 6	99.00	1.01	14.50	14.5	1.00	-0.02	0.117
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 6	99.00	1.01	14.50	14.42	1.02	-0.1	0.156
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 6	99.00	1.01	14.50	14.43	1.02	0	0.012
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 6	99.00	1.01	14.50	14.35	1.04	0	0.010
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 6	99.00	1.01	14.50	14.46	1.01	0	0.012
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 6	99.00	1.01	14.50	14.48	1.00	0	0.011
							-	1.00	-	-			
7	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.03	0.075
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.16	0.191
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 3	99.00	1.01	14.50	14.5	1.00	0.07	0.049
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 3	99.00	1.01	14.50	14.25	1.06	0.07	0.068
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 3	99.00	1.01	14.50	14.42	1.02	0	0.155
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 3	99.00	1.01	14.50	14.34	1.04	0	0.118
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 3	99.00	1.01	14.50	14.38	1.03	0	0.167
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 3	99.00	1.01	14.50	14.45	1.01	0.01	0.179
							-	1.00	-	-			
8	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0	0.009
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.12	0.256
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 4	99.00	1.01	14.50	14.5	1.00	0.13	0.183
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 4	99.00	1.01	14.50	14.25	1.06	0	0.101
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 4	99.00	1.01	14.50	14.42	1.02	0	0.091
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 4	99.00	1.01	14.50	14.34	1.04	0	0.128
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 4	99.00	1.01	14.50	14.38	1.03	0	0.146
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 4	99.00	1.01	14.50	14.45	1.01	0	0.155
							-	1.00	-	-			
9	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.11	0.096
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.12	0.528
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 6+3	99.00	1.01	15.00	14.5	1.12	-0.03	0.133
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 6+3	99.00	1.01	15.00	14.25	1.19	-0.04	0.188
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 6+3	99.00	1.01	15.00	14.58	1.10	0	0.143
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 6+3	99.00	1.01	15.00	14.42	1.14	0	0.107
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 6+3	99.00	1.01	15.00	14.42	1.14	0	0.169
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 6+3	99.00	1.01	15.00	14.63	1.09	0	0.202
							-	1.00	-	-			
10	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.02	0.114
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.12	0.172
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 6+4	99.00	1.01	15.00	14.5	1.12	0	0.098
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 6+4	99.00	1.01	15.00	14.25	1.19	0	0.079
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 6+4	99.00	1.01	15.00	14.58	1.10	0	0.122
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 6+4	99.00	1.01	15.00	14.42	1.14	0	0.115
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 6+4	99.00	1.01	15.00	14.42	1.14	0	0.136
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 6+4	99.00	1.01	15.00	14.63	1.09	0	0.122
							-	1.00	-	-			

Absorbed Power Density Test Result

System & Position						SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured APD W/m ² (4cm ²)
Phablet Absorbed Power Density Test													
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.15	6.430
	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	0.14	7.590
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.05	0.321
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	0.08	4.370
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.16	1.290
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 6	99.00	1.01	14.50	14.47	1.01	-0.08	0.438
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 6	99.00	1.01	14.50	14.50	1.00	-0.19	8.810
11	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 6	99.00	1.01	14.50	14.42	1.02	-0.15	9.420
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 6	99.00	1.01	14.50	14.43	1.02	0	2.880
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 6	99.00	1.01	14.50	14.35	1.04	-0.19	2.440
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 6	99.00	1.01	14.50	14.46	1.01	0.07	2.690
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 6	99.00	1.01	14.50	14.48	1.00	0.01	3.550
							-	1.00	-	-			
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.06	1.680
	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.08	1.960
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.18	0.081
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.06	1.130
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	-0.07	0.335
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 3	99.00	1.01	14.50	14.44	1.01	0.06	0.115
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 3	99.00	1.01	14.50	14.50	1.00	0.07	2.210
12	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 3	99.00	1.01	14.50	14.25	1.06	-0.18	2.430
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 3	99.00	1.01	14.50	14.42	1.02	0	0.745
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 3	99.00	1.01	14.50	14.34	1.04	-0.03	0.622
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 3	99.00	1.01	14.50	14.38	1.03	-0.03	0.695
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 3	99.00	1.01	14.50	14.45	1.01	-0.05	0.913
							-	1.00	-	-			
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.1	0.615
	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.06	0.909
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.05	0.018
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	-0.14	0.372
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.17	0.144
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 4	99.00	1.01	14.50	14.44	1.01	0.18	0.028
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 4	99.00	1.01	14.50	14.50	1.00	0.06	0.823
13	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 4	99.00	1.01	14.50	14.25	1.06	-0.11	0.916
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 4	99.00	1.01	14.50	14.42	1.02	0.12	0.351
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 4	99.00	1.01	14.50	14.34	1.04	-0.12	0.322
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 4	99.00	1.01	14.50	14.38	1.03	0.05	0.415
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 4	99.00	1.01	14.50	14.45	1.01	0.08	0.573
							-	1.00	-	-			
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	-0.05	3.260
	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	-0.06	3.870
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.09	1.110
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	-0.13	2.200
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	-0.19	1.010
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 6+3	99.00	1.01	15.00	14.53	1.11	0.03	0.117
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 6+3	99.00	1.01	15.00	14.50	1.12	-0.09	4.440
14	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 6+3	99.00	1.01	15.00	14.25	1.19	-0.12	4.780
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 6+3	99.00	1.01	15.00	14.58	1.10	0.02	3.430
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 6+3	99.00	1.01	15.00	14.42	1.14	0.16	3.240
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 6+3	99.00	1.01	15.00	14.42	1.14	0.07	3.330
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 6+3	99.00	1.01	15.00	14.63	1.09	0.07	3.810
							-	1.00	-	-			
	WLAN UNII-5	802.11ax HE160	Front Face	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.14	2.670
15	WLAN UNII-5	802.11ax HE160	Rear Face	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.12	3.500
	WLAN UNII-5	802.11ax HE160	Left Side	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.13	0.065
	WLAN UNII-5	802.11ax HE160	Right Side	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	0.18	1.440
	WLAN UNII-5	802.11ax HE160	Top Side	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.07	0.566
	WLAN UNII-5	802.11ax HE160	Bottom Side	0	79	Ant 6+4	99.00	1.01	15.00	14.53	1.11	-0.16	0.108
	WLAN UNII-5	802.11ax HE160	Rear Face	0	15	Ant 6+4	99.00	1.01	15.00	14.50	1.12	0.01	3.110
	WLAN UNII-5	802.11ax HE160	Rear Face	0	47	Ant 6+4	99.00	1.01	15.00	14.25	1.19	0.06	3.220
	WLAN UNII-6	802.11ax HE160	Rear Face	0	111	Ant 6+4	99.00	1.01	15.00	14.58	1.10	-0.02	1.880
	WLAN UNII-7	802.11ax HE160	Rear Face	0	143	Ant 6+4	99.00	1.01	15.00	14.42	1.14	0.09	1.720
	WLAN UNII-7	802.11ax HE160	Rear Face	0	175	Ant 6+4	99.00	1.01	15.00	14.42	1.14	-0.11	2.090
	WLAN UNII-8	802.11ax HE160	Rear Face	0	207	Ant 6+4	99.00	1.01	15.00	14.63	1.09	0.16	2.760
							-	1.00	-	-	1		

Power Density Test Result

System & Position							Power Density												
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Test Duty Cycle [%]	Production Duty Cycle [%]	Duty Cycle Factor	Grid Step [λ]	iPD [W/m ²]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm ²]	Power Drift [dB]	Normal psPD [W/m ²]	Scaled Normal psPD [W/m ²]	Total psPD [W/m ²]	Scaled Total psPD [W/m ²]	
Head Power Density Test Result																			
1	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 6	100.00	100.00	1.01	0.25	3.88	1.545	4.00	0.12	0.615	0.950	0.817	1.262	
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 6	100.00	100.00	1.01	0.25	N/A	1.545	4.00	-0.19	0.461	0.712	0.613	0.947	
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 6	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.15	0.154	0.238	0.204	0.315	
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 6	100.00	100.00	1.01	0.25	N/A	1.545	4.00	-0.08	0.143	0.221	0.190	0.294	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 6	100.00	100.00	1.00	0.25	N/A	1.545	4.00	0.09	0.495	0.765	0.657	1.015	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 6	100.00	100.00	1.02	0.25	N/A	1.545	4.00	-0.1	0.132	0.204	0.175	0.270	
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 6	100.00	100.00	1.02	0.25	N/A	1.545	4.00	-0.01	0.451	0.697	0.599	0.925	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 6	100.00	100.00	1.04	0.25	N/A	1.545	4.00	-0.05	0.553	0.854	0.734	1.134	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 6	100.00	100.00	1.01	0.25	N/A	1.545	4.00	-0.19	0.458	0.708	0.609	0.941	
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 6	100.00	100.00	1.00	0.25	N/A	1.545	4.00	0.09	0.468	0.723	0.622	0.961	
2	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 3	100.00	100.00	1.01	0.25	5.22	1.545	4.00	-0.18	0.852	1.316	1.36	2.101	
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 3	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.18	0.633	0.978	1.01	1.560	
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 3	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.06	0.213	0.329	0.34	0.525	
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 3	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.06	0.198	0.306	0.316	0.488	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 3	100.00	100.00	1.00	0.25	N/A	1.545	4.00	0.13	0.683	1.055	1.09	1.684	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 3	100.00	100.00	1.06	0.25	N/A	1.545	4.00	-0.12	0.182	0.281	0.291	0.450	
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 3	100.00	100.00	1.02	0.25	N/A	1.545	4.00	0.07	0.625	0.966	0.997	1.540	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 3	100.00	100.00	1.04	0.25	N/A	1.545	4.00	-0.16	0.777	1.200	1.24	1.916	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 3	100.00	100.00	1.03	0.25	N/A	1.545	4.00	0.11	0.639	0.987	1.02	1.576	
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 3	100.00	100.00	1.01	0.25	N/A	1.545	4.00	-0.19	0.645	0.997	1.03	1.591	
3	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 4	100.00	100.00	1.01	0.25	4.68	1.545	4.00	-0.11	0.794	1.227	1.55	2.395	
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 4	100.00	100.00	1.01	0.25	N/A	1.545	4.00	-0.18	0.697	1.077	1.36	2.101	
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 4	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.17	0.569	0.879	1.11	1.715	
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 4	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.16	0.493	0.762	0.962	1.486	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 4	100.00	100.00	1.00	0.25	N/A	1.545	4.00	0.01	0.491	0.759	0.959	1.482	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 4	100.00	100.00	1.06	0.25	N/A	1.545	4.00	0.15	0.475	0.734	0.927	1.432	
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 4	100.00	100.00	1.02	0.25	N/A	1.545	4.00	0.08	0.768	1.187	1.5	2.318	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 4	100.00	100.00	1.04	0.25	N/A	1.545	4.00	0.13	0.174	0.269	0.339	0.524	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 4	100.00	100.00	1.03	0.25	N/A	1.545	4.00	0.07	0.681	1.052	1.33	2.055	
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 4	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.16	0.594	0.918	1.16	1.792	
4	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 6+3	100.00	100.00	1.11	0.25	4.35	1.545	4.00	-0.16	1.34	2.070	2.05	3.167	
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 6+3	100.00	100.00	1.11	0.25	N/A	1.545	4.00	-0.09	1.01	1.560	1.54	2.375	
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 6+3	100.00	100.00	1.11	0.25	N/A	1.545	4.00	-0.11	0.335	0.518	0.51	0.792	
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 6+3	100.00	100.00	1.11	0.25	N/A	1.545	4.00	-0.16	0.311	0.480	0.48	0.735	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 6+3	100.00	100.00	1.12	0.25	N/A	1.545	4.00	0.17	1.08	1.669	1.65	2.545	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 6+3	100.00	100.00	1.19	0.25	N/A	1.545	4.00	0.15	0.287	0.443	0.44	0.679	
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 6+3	100.00	100.00	1.10	0.25	N/A	1.545	4.00	0	0.981	1.516	1.50	2.319	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 6+3	100.00	100.00	1.14	0.25	N/A	1.545	4.00	-0.03	1.22	1.885	1.87	2.884	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 6+3	100.00	100.00	1.14	0.25	N/A	1.545	4.00	-0.18	1.01	1.560	1.54	2.375	
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 6+3	100.00	100.00	1.09	0.25	N/A	1.545	4.00	0.11	1.03	1.591	1.57	2.432	
5	WLAN UNII-5	802.11ax HE160	Right Cheek	-	79	Ant 6+4	100.00	100.00	1.11	0.25	4.02	1.545	4.00	-0.18	0.721	1.114	1.85	2.858	
	WLAN UNII-5	802.11ax HE160	Right Tilted	-	79	Ant 6+4	100.00	100.00	1.11	0.25	N/A	1.545	4.00	0.07	0.293	0.453	0.75	1.162	
	WLAN UNII-5	802.11ax HE160	Left Cheek	-	79	Ant 6+4	100.00	100.00	1.11	0.25	N/A	1.545	4.00	0.13	0.239	0.369	0.62	0.951	
	WLAN UNII-5	802.11ax HE160	Left Tilted	-	79	Ant 6+4	100.00	100.00	1.11	0.25	N/A	1.545	4.00	0.05	0.206	0.318	0.53	0.815	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	15	Ant 6+4	100.00	100.00	1.12	0.25	N/A	1.545	4.00	-0.19	0.206	0.318	0.53	0.815	
	WLAN UNII-5	802.11ax HE160	Right Cheek	-	47	Ant 6+4	100.00	100.00	1.19	0.25	N/A	1.545	4.00	-0.12	0.198	0.306	0.51	0.785	
	WLAN UNII-6	802.11ax HE160	Right Cheek	-	111	Ant 6+4	100.00	100.00	1.10	0.25	N/A	1.545	4.00	0.04	0.327	0.505	0.84	1.298	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	143	Ant 6+4	100.00	100.00	1.14	0.25	N/A	1.545	4.00	0.12	0.072	0.111	0.19	0.287	
	WLAN UNII-7	802.11ax HE160	Right Cheek	-	175	Ant 6+4	100.00	100.00	1.14	0.25	N/A	1.545	4.00	-0.04	0.286	0.442	0.73	1.132	
	WLAN UNII-8	802.11ax HE160	Right Cheek	-	207	Ant 6+4	100.00	100.00	1.09	0.25	N/A	1.545	4.00	0.08	0.248	0.383	0.64	0.981	

Power Density Test Result

System & Position							Power Density												
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Test Duty Cycle [%]	Production Duty Cycle [%]	Duty Cycle Factor	Grid Step [λ]	iPD [W/m ²]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm ²]	Power Drift [dB]	Normal psPD [W/m ²]	Scaled Normal psPD [W/m ²]	Total psPD [W/m ²]	Scaled Total psPD [W/m ²]	
Body-worn Power Density Test Result																			
6	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 6	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.08	0.507	0.783	0.545	0.842	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 6	100.00	100.00	1.01	0.25	4.11	1.545	4.00	-0.12	1.21	1.869	1.30	2.009	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 6	100.00	100.00	1.00	0.25	N/A	1.545	4.00	0.08	0.31	0.479	0.333	0.514	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 6	100.00	100.00	1.02	0.25	N/A	1.545	4.00	0.05	0.43	0.663	0.461	0.712	
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 6	100.00	100.00	1.02	0.25	N/A	1.545	4.00	0.18	0.22	0.343	0.239	0.369	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 6	100.00	100.00	1.04	0.25	N/A	1.545	4.00	0.03	0.14	0.213	0.148	0.229	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 6	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.12	0.232	0.358	0.247	0.382	
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 6	100.00	100.00	1.00	0.25	N/A	1.545	4.00	0.02	0.152	0.235	0.163	0.252	
7	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 3	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.02	0.082	0.127	0.088	0.136	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 3	100.00	100.00	1.01	0.25	3.58	1.545	4.00	0.11	0.194	0.300	0.210	0.324	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 3	100.00	100.00	1.00	0.25	N/A	1.545	4.00	-0.16	0.049	0.076	0.054	0.083	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 3	100.00	100.00	1.06	0.25	N/A	1.545	4.00	-0.12	0.069	0.107	0.075	0.116	
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 3	100.00	100.00	1.02	0.25	N/A	1.545	4.00	-0.03	0.022	0.034	0.023	0.036	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 3	100.00	100.00	1.04	0.25	N/A	1.545	4.00	-0.06	0.019	0.029	0.022	0.034	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 3	100.00	100.00	1.03	0.25	N/A	1.545	4.00	-0.18	0.026	0.040	0.028	0.043	
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 3	100.00	100.00	1.01	0.25	N/A	1.545	4.00	-0.19	0.048	0.074	0.054	0.083	
8	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 4	100.00	100.00	1.01	0.25	N/A	1.545	4.00	-0.16	0.116	0.179	0.129	0.199	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 4	100.00	100.00	1.01	0.25	2.25	1.545	4.00	-0.17	0.202	0.312	0.227	0.351	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 4	100.00	100.00	1.00	0.25	N/A	1.545	4.00	0.08	0.141	0.218	0.158	0.244	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 4	100.00	100.00	1.06	0.25	N/A	1.545	4.00	-0.11	0.113	0.175	0.127	0.196	
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 4	100.00	100.00	1.02	0.25	N/A	1.545	4.00	0.05	0.103	0.159	0.116	0.179	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 4	100.00	100.00	1.04	0.25	N/A	1.545	4.00	0.1	0.053	0.082	0.059	0.091	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 4	100.00	100.00	1.03	0.25	N/A	1.545	4.00	-0.15	0.152	0.235	0.171	0.264	
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 4	100.00	100.00	1.01	0.25	N/A	1.545	4.00	0.12	0.077	0.119	0.086	0.133	
9	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 6+3	100.00	100.00	1.11	0.25	N/A	1.545	4.00	-0.15	0.581	0.898	0.508	0.785	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 6+3	100.00	100.00	1.11	0.25	4.21	1.545	4.00	0.13	0.426	0.658	0.613	0.947	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 6+3	100.00	100.00	1.12	0.25	N/A	1.545	4.00	0.11	0.183	0.283	0.264	0.408	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 6+3	100.00	100.00	1.19	0.25	N/A	1.545	4.00	-0.03	0.218	0.337	0.313	0.484	
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 6+3	100.00	100.00	1.10	0.25	N/A	1.545	4.00	0.09	0.197	0.304	0.283	0.437	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 6+3	100.00	100.00	1.14	0.25	N/A	1.545	4.00	0.16	0.163	0.252	0.234	0.362	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 6+3	100.00	100.00	1.14	0.25	N/A	1.545	4.00	n/a	0.138	0.213	0.268	0.414	
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 6+3	100.00	100.00	1.09	0.25	N/A	1.545	4.00	0.08	0.318	0.491	0.429	0.663	
10	WLAN UNII-5	802.11ax HE160	Front Face	15	79	Ant 6+4	100.00	100.00	1.11	0.25	N/A	1.545	4.00	-0.11	0.477	0.737	0.565	0.873	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	79	Ant 6+4	100.00	100.00	1.11	0.25	3.22	1.545	4.00	0.18	0.577	0.891	0.610	0.942	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	15	Ant 6+4	100.00	100.00	1.12	0.25	N/A	1.545	4.00	0.12	0.363	0.561	0.387	0.598	
	WLAN UNII-5	802.11ax HE160	Rear Face	15	47	Ant 6+4	100.00	100.00	1.19	0.25	N/A	1.545	4.00	0.11	0.293	0.453	0.311	0.480	
	WLAN UNII-6	802.11ax HE160	Rear Face	15	111	Ant 6+4	100.00	100.00	1.10	0.25	N/A	1.545	4.00	n/a	0.563	0.870	0.586	0.905	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	143	Ant 6+4	100.00	100.00	1.14	0.25	N/A	1.545	4.00	0.07	0.412	0.637	0.438	0.677	
	WLAN UNII-7	802.11ax HE160	Rear Face	15	175	Ant 6+4	100.00	100.00	1.14	0.25	N/A	1.545	4.00	-0.03	0.477	0.737	0.503	0.777	
	WLAN UNII-8	802.11ax HE160	Rear Face	15	207	Ant 6+4	100.00	100.00	1.09	0.25	N/A	1.545	4.00	-0.16	0.412	0.637	0.421	0.650	

