

Project No.	SHT2505076901W		
Test sample No.	YPHT25050769002	Model No.	S10P Wireless
Start test date	2025/7/21	Finish date	2025/7/22
Temperature	23.4 °C	Humidity	56.20%
Test Engineer	Jiaxing Si	Auditor	<i>Xiaodong Zhu</i>

Appendix clause	Test Item	Result
A	Conducted Power Measurement Results	PASS
B	SAR Measurement Results	PASS
C	Simultaneous Transmission analysis	PASS

Appendix A: Conducted Power Measurement Results

WIFI 5G U-NII-1								
Bandwidth	Mode	Channel	Frequency (MHz)	ANT1		ANT2		Tune-up limit (dBm)
				Conducted Power (dBm)	Duty Cycle (%)	Conducted Power (dBm)	Duty Cycle (%)	
20	802.11ac (VHT20)	36	5180	13.20	92.43	13.19	92.34	13.50
		44	5220	12.95	92.43	13.05	92.43	13.50
		48	5240	13.07	92.43	13.04	92.43	13.50
	802.11ax (HE20)	36	5180	13.29	90.30	13.17	90.42	13.50
		44	5220	12.94	90.40	12.95	90.30	13.50
		48	5240	13.03	90.42	13.00	90.42	13.50
40	802.11ac (VHT40)	38	5190	13.02	85.95	13.16	85.95	13.50
		46	5230	13.02	85.95	13.07	85.95	13.50
	802.11ax (HE40)	38	5190	13.03	83.33	13.16	83.33	13.50
		46	5230	12.99	83.33	13.08	83.33	13.50
80	802.11ac (VHT80)	42	5210	12.80	75.34	12.78	75.19	13.50
	802.11ax (HE80)	42	5210	13.07	72.80	12.91	72.80	13.50

WIFI 5G U-NII-3								
Bandwidth	Mode	Channel	Frequency (MHz)	ANT1		ANT2		Tune-up limit (dBm)
				Conducted Power (dBm)	Duty Cycle (%)	Conducted Power (dBm)	Duty Cycle (%)	
20	802.11ac (VHT20)	149	5745	7.60	92.43	6.86	92.34	8.00
		157	5785	7.54	92.43	6.40	92.43	8.00
		165	5825	7.49	92.34	6.09	92.43	8.00
	802.11ax (HE20)	149	5745	7.58	90.42	6.82	90.42	8.00
		157	5785	7.46	90.42	6.35	90.42	8.00
		165	5825	7.45	90.40	6.17	90.42	8.00
40	802.11ac (VHT40)	151	5755	7.31	86.03	6.68	85.95	8.00
		159	5795	7.18	85.95	6.30	85.95	8.00
	802.11ax (HE40)	151	5755	7.40	83.33	6.81	83.33	8.00
		159	5795	7.32	83.33	6.39	83.33	8.00
80	802.11ac (VHT80)	155	5775	7.58	75.34	6.80	75.19	8.00
	802.11ax (HE80)	155	5775	7.81	72.80	6.95	72.97	8.00

Appendix B:SAR Measurement Results-Head

WIFI 5G U-NII-1												
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Scaling Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz							(W/kg)	(W/kg)	
802.11ax (HE20) ANT1	Front	36	5180	13.29	13.50	1.050	90.30%	1.107	0.02	0.422	0.490	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-	-	-	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
	Rear	36	5180	13.29	13.50	1.050	90.30%	1.107	-0.03	0.328	0.381	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-	-	-	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
	Left	36	5180	13.29	13.50	1.050	90.30%	1.107	-0.14	0.063	0.073	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-	-	-	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
	Right	36	5180	13.29	13.50	1.050	90.30%	1.107	0.07	0.777	0.903	1
		44	5220	12.94	13.50	1.138	90.40%	1.106	0.01	0.713	0.897	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	0.06	0.705	0.887	-
	Top	36	5180	13.29	13.50	1.050	90.30%	1.107	-	-	-	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-0.07	0.001	0.001	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
	Bottom	36	5180	13.29	13.50	1.050	90.30%	1.107	-0.05	0.113	0.131	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-	-	-	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
802.11ax (HE20) ANT2	Front	36	5180	13.17	13.50	1.079	92.34%	1.083	0.08	0.211	0.247	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Rear	36	5180	13.17	13.50	1.079	92.34%	1.083	-0.04	0.145	0.169	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Left	36	5180	13.17	13.50	1.079	92.34%	1.083	-0.06	0.310	0.362	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Right	36	5180	13.17	13.50	1.079	92.34%	1.083	-0.02	0.099	0.116	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Top	36	5180	13.17	13.50	1.079	92.34%	1.083	-	-	-	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-0.19	0.001	0.001	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Bottom	36	5180	13.17	13.50	1.079	92.34%	1.083	-0.07	0.075	0.088	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-

WIFI 5G U-NII-3												
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Scaling Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz							(W/kg)	(W/kg)	
802.11ax (HE80) ANT1	Front	155	5775	7.81	8.00	1.045	72.80%	1.374	0.06	0.078	0.112	-
	Rear	155	5775	7.81	8.00	1.045	72.80%	1.374	0.13	0.063	0.090	-
	Left	155	5775	7.81	8.00	1.045	72.80%	1.374	-0.15	0.028	0.040	-
	Right	155	5775	7.81	8.00	1.045	72.80%	1.374	-0.02	0.147	0.211	2
	Top	155	5775	7.81	8.00	1.045	72.80%	1.374	-0.06	0.001	0.001	-
	Bottom	155	5775	7.81	8.00	1.045	72.80%	1.374	-0.12	0.035	0.050	-
802.11ax (HE80) ANT2	Front	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.17	0.001	0.002	-
	Rear	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.15	0.001	0.002	-
	Left	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.05	0.006	0.010	-
	Right	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.20	0.001	0.002	-
	Top	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.09	0.001	0.002	-
	Bottom	155	5775	6.95	8.00	1.274	72.97%	1.370	0.00	0.001	0.002	-

Appendix B:SAR Measurement Results-Extremity

WIFI 5G U-NII-1												
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Scaling Factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz							(W/kg)	(W/kg)	
802.11ax (HE20) ANT1	Front	36	5180	13.29	13.50	1.050	90.30%	1.107	0.02	0.101	0.117	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-	-	-	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
	Rear	36	5180	13.29	13.50	1.050	90.30%	1.107	-0.03	0.089	0.103	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-	-	-	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
	Left	36	5180	13.29	13.50	1.050	90.30%	1.107	-0.14	0.024	0.028	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-	-	-	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
	Right	36	5180	13.29	13.50	1.050	90.30%	1.107	0.07	0.189	0.220	1
		44	5220	12.94	13.50	1.138	90.40%	1.106	-	-	-	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
	Top	36	5180	13.29	13.50	1.050	90.30%	1.107	-	-	-	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-0.07	0.001	0.001	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
	Bottom	36	5180	13.29	13.50	1.050	90.30%	1.107	-0.05	0.039	0.045	-
		44	5220	12.94	13.50	1.138	90.40%	1.106	-	-	-	-
		48	5240	12.94	13.50	1.138	90.42%	1.106	-	-	-	-
802.11ax (HE20) ANT2	Front	36	5180	13.17	13.50	1.079	92.34%	1.083	0.08	0.090	0.105	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Rear	36	5180	13.17	13.50	1.079	92.34%	1.083	-0.04	0.078	0.091	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Left	36	5180	13.17	13.50	1.079	92.34%	1.083	-0.06	0.101	0.118	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Right	36	5180	13.17	13.50	1.079	92.34%	1.083	-0.02	0.050	0.058	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Top	36	5180	13.17	13.50	1.079	92.34%	1.083	-	-	-	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-0.19	0.001	0.001	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-
	Bottom	36	5180	13.17	13.50	1.079	92.34%	1.083	-0.07	0.023	0.027	-
		44	5220	12.95	13.50	1.135	92.43%	1.082	-	-	-	-
		48	5240	13.00	13.50	1.122	92.43%	1.082	-	-	-	-

WIFI 5G U-NII-3												
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Scaling Factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz							(W/kg)	(W/kg)	
802.11ax (HE80) ANT1	Front	155	5775	7.81	8.00	1.045	72.80%	1.374	0.06	0.021	0.030	-
	Rear	155	5775	7.81	8.00	1.045	72.80%	1.374	0.13	0.017	0.024	-
	Left	155	5775	7.81	8.00	1.045	72.80%	1.374	-0.15	0.005	0.007	-
	Right	155	5775	7.81	8.00	1.045	72.80%	1.374	-0.02	0.031	0.044	2
	Top	155	5775	7.81	8.00	1.045	72.80%	1.374	-0.06	0.001	0.001	-
	Bottom	155	5775	7.81	8.00	1.045	72.80%	1.374	-0.12	0.009	0.013	-
802.11ax (HE80) ANT2	Front	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.17	0.001	0.002	-
	Rear	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.15	0.001	0.002	-
	Left	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.05	0.001	0.002	-
	Right	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.20	0.001	0.002	-
	Top	155	5775	6.95	8.00	1.274	72.97%	1.370	-0.09	0.001	0.002	-
	Bottom	155	5775	6.95	8.00	1.274	72.97%	1.370	0.00	0.001	0.002	-

Appendix C: Simultaneous Transmission analysis

WIFI-Head				
Band	Exposure Position	Max SAR (W/kg)		Summed SAR
		ANT1	ANT2	(W/kg)
U-NII-1	Front	0.490	0.247	0.737
	Rear	0.381	0.169	0.550
	Left	0.073	0.362	0.435
	Right	0.903	0.116	1.019
	Top	0.001	0.001	0.002
	Bottom	0.131	0.088	0.219
U-NII-3	Front	0.112	0.002	0.114
	Rear	0.090	0.002	0.092
	Left	0.040	0.010	0.050
	Right	0.211	0.002	0.213
	Top	0.001	0.002	0.003
	Bottom	0.050	0.002	0.052

WIFI-Extremity				
Band	Exposure Position	Max SAR (W/kg)		Summed SAR
		ANT1	ANT2	(W/kg)
U-NII-1	Front	0.117	0.105	0.222
	Rear	0.103	0.091	0.194
	Left	0.028	0.118	0.146
	Right	0.220	0.058	0.278
	Top	0.001	0.001	0.002
	Bottom	0.045	0.027	0.072
U-NII-3	Front	0.030	0.002	0.032
	Rear	0.024	0.002	0.026
	Left	0.007	0.002	0.009
	Right	0.044	0.002	0.046
	Top	0.001	0.002	0.003
	Bottom	0.013	0.002	0.015