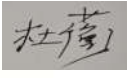


1. Test Laboratory

Test Site: Speed OTA Test Laboratory
Location: No. 99 Weixin Road, Suzhou, People's Republic of China

Test engineer: Speed employee 

2. Test Equipment

Equipment	Manufacturer	Calibration Date	Calibration Due Date
AMS-8500 OTA Performance Test System	ETS	2025/6/22	2026/6/21
E5071C	Agilent	2025/5/17	2026/5/16

Note: Test software is from ETS EMquest Libra, Version 1.1.2.

3. Antenna Information

Antenna Manufacturer	Huizhou SPEED Wireless Technology Co., Ltd
Manufacturer Address	No. 99 Weixin Road, Suzhou, People's Republic of China
Antenna Type	nRF -Loop, WiFi/BT – Coupling Feed&Loop
Antenna Model	WiFi1 –319000242818 WiFi2 –319000242819 WiFi3 –319000242817 nRF - 319000242820

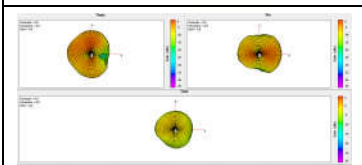
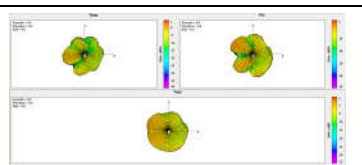
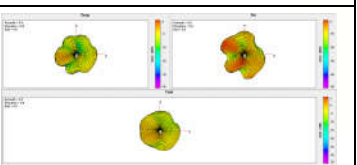
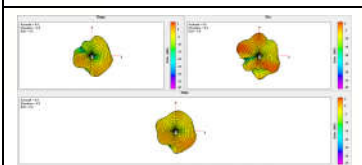
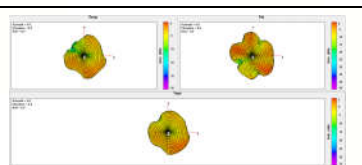
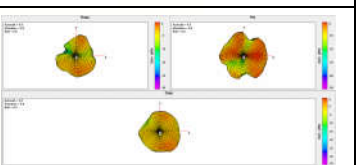
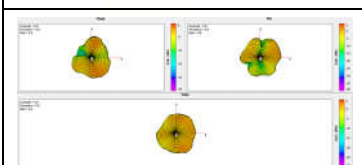
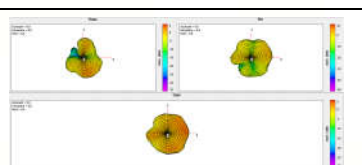
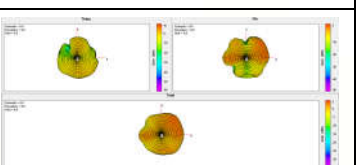
4. Test Setup Photographs

5. Antenna Gain Results and Plots

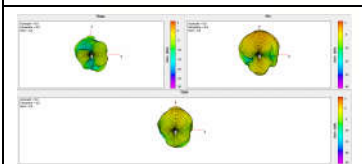
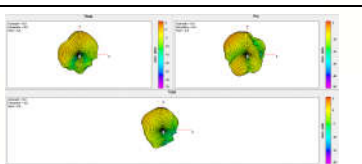
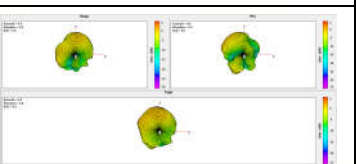
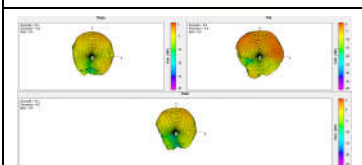
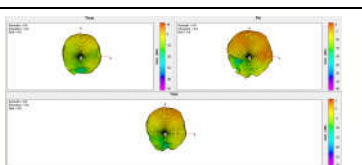
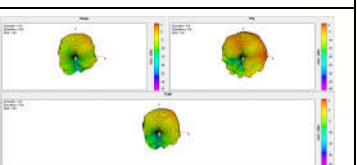
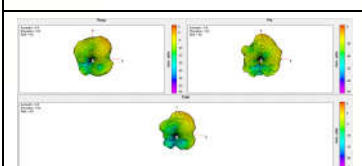
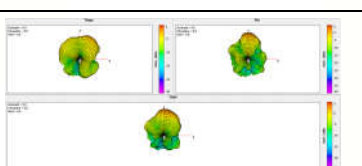
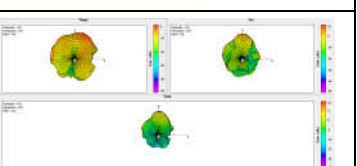
Technology	Frequency (MHz)	FreeSpace Tx Peak Max Gain of H & V					
		BOX					HMD
		WiFi1	WiFi2	WiFi3	MIMO(1+2)	MIMO(2+3)	nRF
nRF 2.4GHz	2400-2483.5	N/A	N/A	N/A	N/A	N/A	0.8
BT 2.4GHz	2400-2483.5	-0.23	1.21	N/A	1.05	N/A	N/A
Wifi 2.4GHz	2400-2483.5	-0.23	1.21	N/A	1.05	N/A	N/A
Wifi UNII-1	5150-5250	0.71	1.57	0.31	2.88	2.12	N/A
Wifi UNII-2A	5250-5350	0.49	0.42	0.03	2.11	2.2	N/A
Wifi UNII-2C	5470-5725	1.07	0.32	0.99	1.99	2.1	N/A
Wifi UNII-3	5725-5850	2.14	1.75	0.59	3.38	3.06	N/A
Wifi UNII-4	5845-5895	2.14	1.75	0.59	3.38	3.06	N/A
Wifi UNII-5	5945-6425	2.62	2.13	0.6	2.86	2.61	N/A
Wifi UNII-6	6425-6525	2.27	1.42	0.64	2.18	2.18	N/A
Wifi UNII-7	6525-6875	3.39	4.4	1.62	2.68	3.65	N/A
Wifi UNII-8	6875-7125	3.11	5.25	2.59	3.5	4.48	N/A

Antenna 2D/3D Plots:

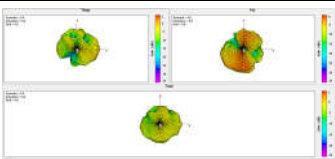
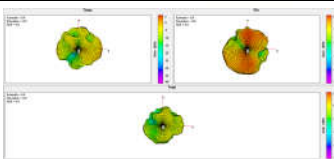
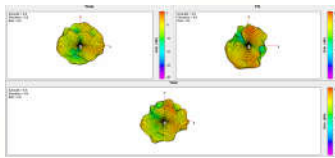
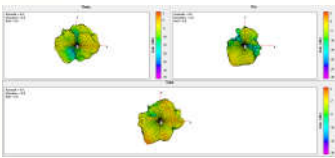
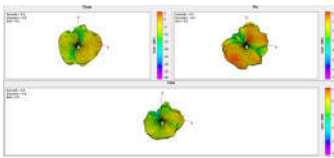
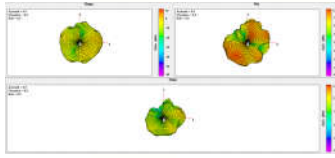
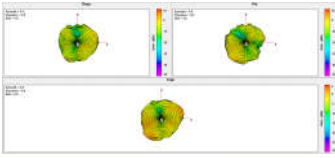
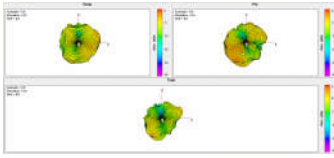
WiFi1

Wi-Fi 2.4GHz/BT 2.4G	Wi-Fi UNII-1	Wi-Fi UNII-2A
		
Wi-Fi UNII-2C	Wi-Fi UNII-3	Wi-Fi UNII-5
		
Wi-Fi UNII-6	Wi-Fi UNII-7	Wi-Fi UNII-8
		

WiFi2

Wi-Fi 2.4GHz/BT 2.4G	Wi-Fi UNII-1	Wi-Fi UNII-2A
		
Wi-Fi UNII-2C	Wi-Fi UNII-3	Wi-Fi UNII-5
		
Wi-Fi UNII-6	Wi-Fi UNII-7	Wi-Fi UNII-8
		

WiFi3

	Wi-Fi UNII-1	Wi-Fi UNII-2A
		
Wi-Fi UNII-2C	Wi-Fi UNII-3	Wi-Fi UNII-5
		
Wi-Fi UNII-6	Wi-Fi UNII-7	Wi-Fi UNII-8
		

nRF

nRF 2.4GHz		
