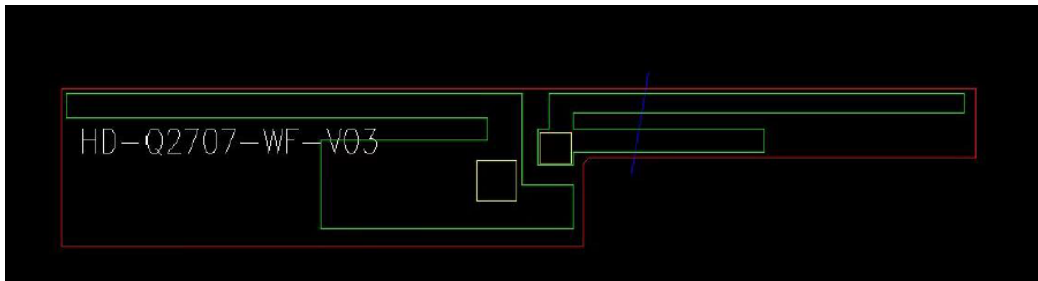

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WiFi Antenna Specification Document

Customer:		Project Name:	
Frequency band: WIFI/2.4G	Date: 2026.3.26	Version: R:A	
HDZX-Q2707-WF-V03 WIFI Antenna Black L = 105MM Length of the wire for one end connector			

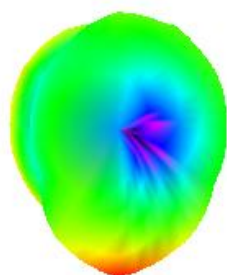
Antenna constructure:



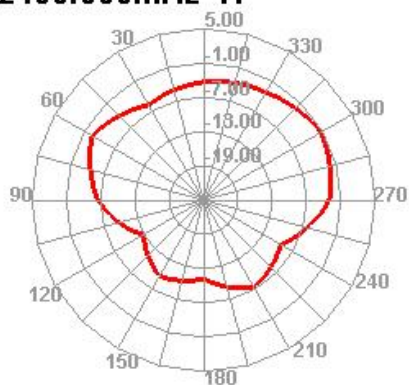
2-2 S11 parameter values

Frequency band (MHZ)	2400	2450	2480	2500
Standing wave	1.2	1.5	1.5	1.3

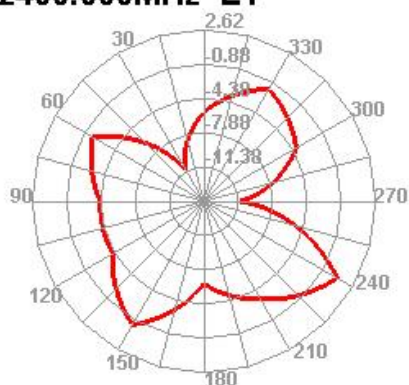
2400.000MHz



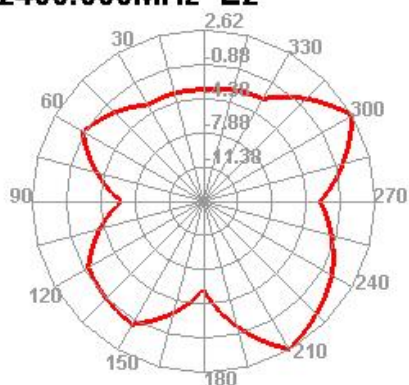
2400.000MHz H



2400.000MHz E1



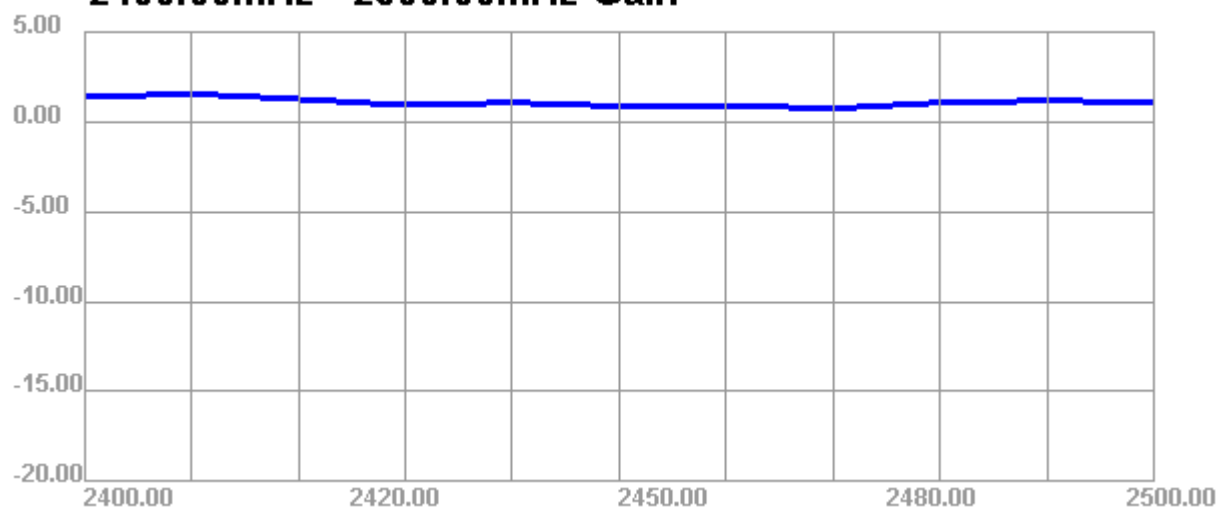
2400.000MHz E2



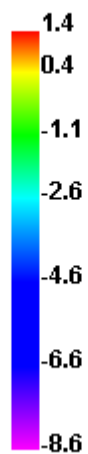
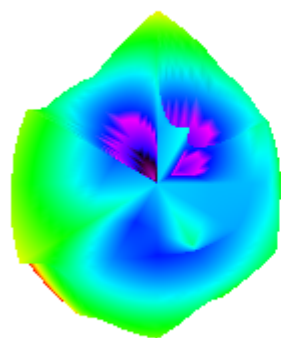
2. 4G

Passive Test For						
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)
2400	56.85	-2.45	1.6	-0.78	25.212	31.64
2410	55.52	-2.18	1.55	-0.6	26.983	33.54
2420	57.05	-2.44	1.26	-0.89	25.56	31.491
2430	57.82	-2.61	0.92	-1.23	24.707	30.109
2440	57.04	-2.44	1.06	-1.09	25.763	31.276
2450	56.51	-2.48	0.86	-1.29	25.667	30.84
2460	58	-2.37	0.91	-1.24	26.474	31.523
2470	56.03	-2.52	0.73	-1.42	25.757	30.276
2480	60.48	-2.18	1.07	-1.08	27.859	32.62
2490	60.58	-2.18	1.17	-0.98	28.028	32.548
2500	59.5	-2.25	1.08	-1.07	27.599	31.902

2400.00MHz - 2500.00MHz Gain



2400.000MHz



2400.000MHz H

