

Antenna specification



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Professional design and supplier of 4G/3G/GPS/WIFI antenna solutions



Customer: Oianhai Xhuo neuq

project name: **DM-RK3566**

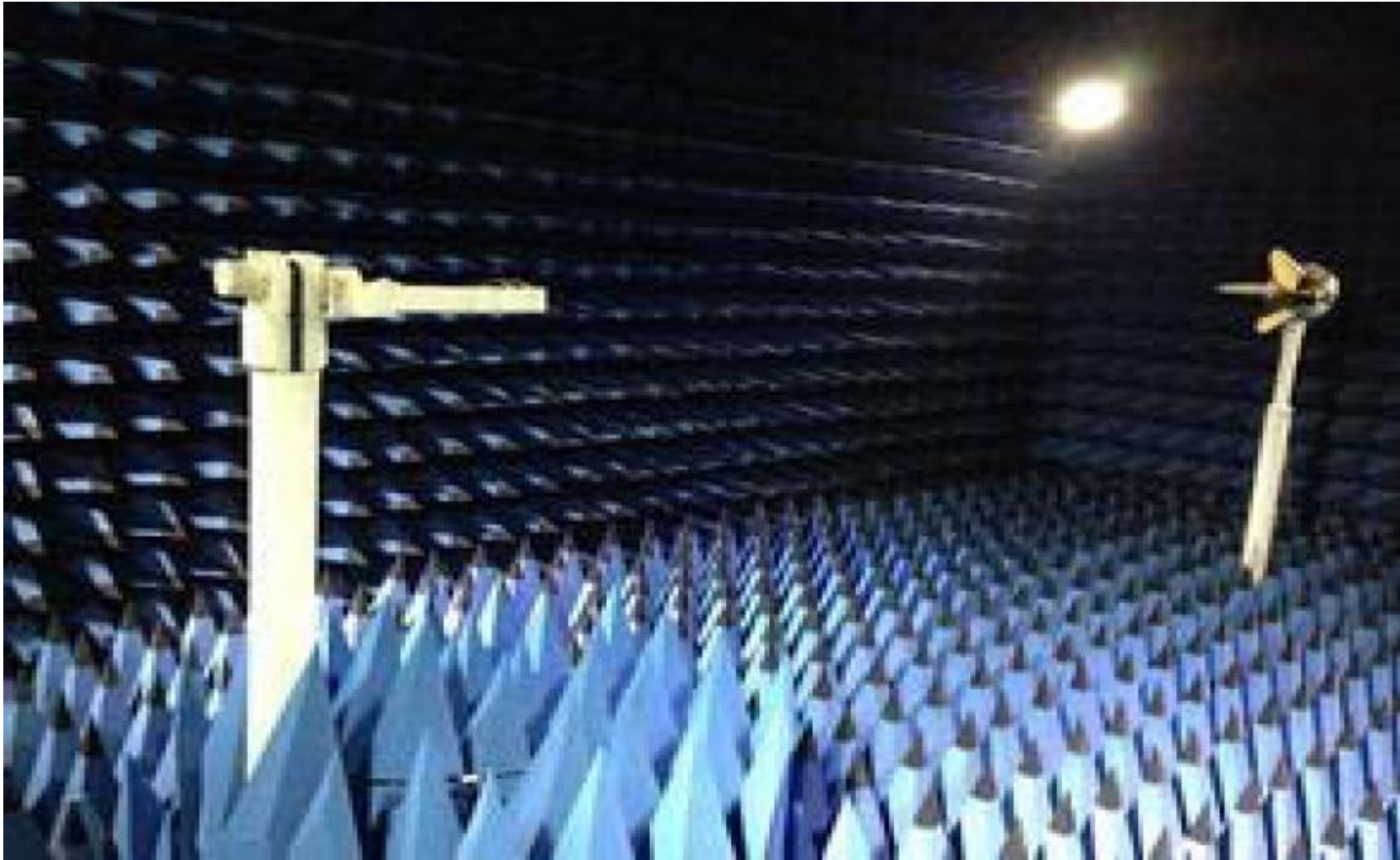
frequency band: **WIFI2. 4G/5.8G**

manufacture date: Dec. 25, 2024

Verversions: **A**

Guangzhou Golden Diamond Electric Appliance Co., Ltd

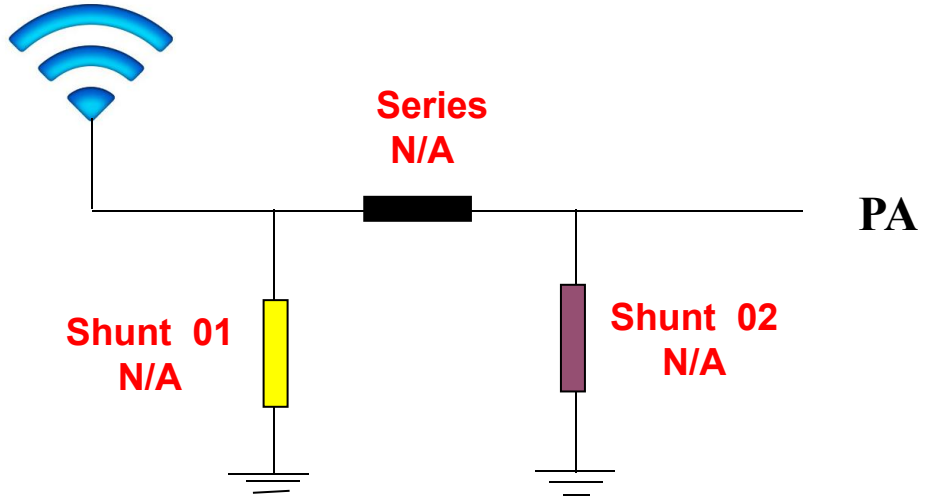
Address: 43 Lianglong South Street, Oversea Chinese Science and Technology Industrial Park, Huashan Town, Huadu District, Guangzhou, China 510800



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Antenna



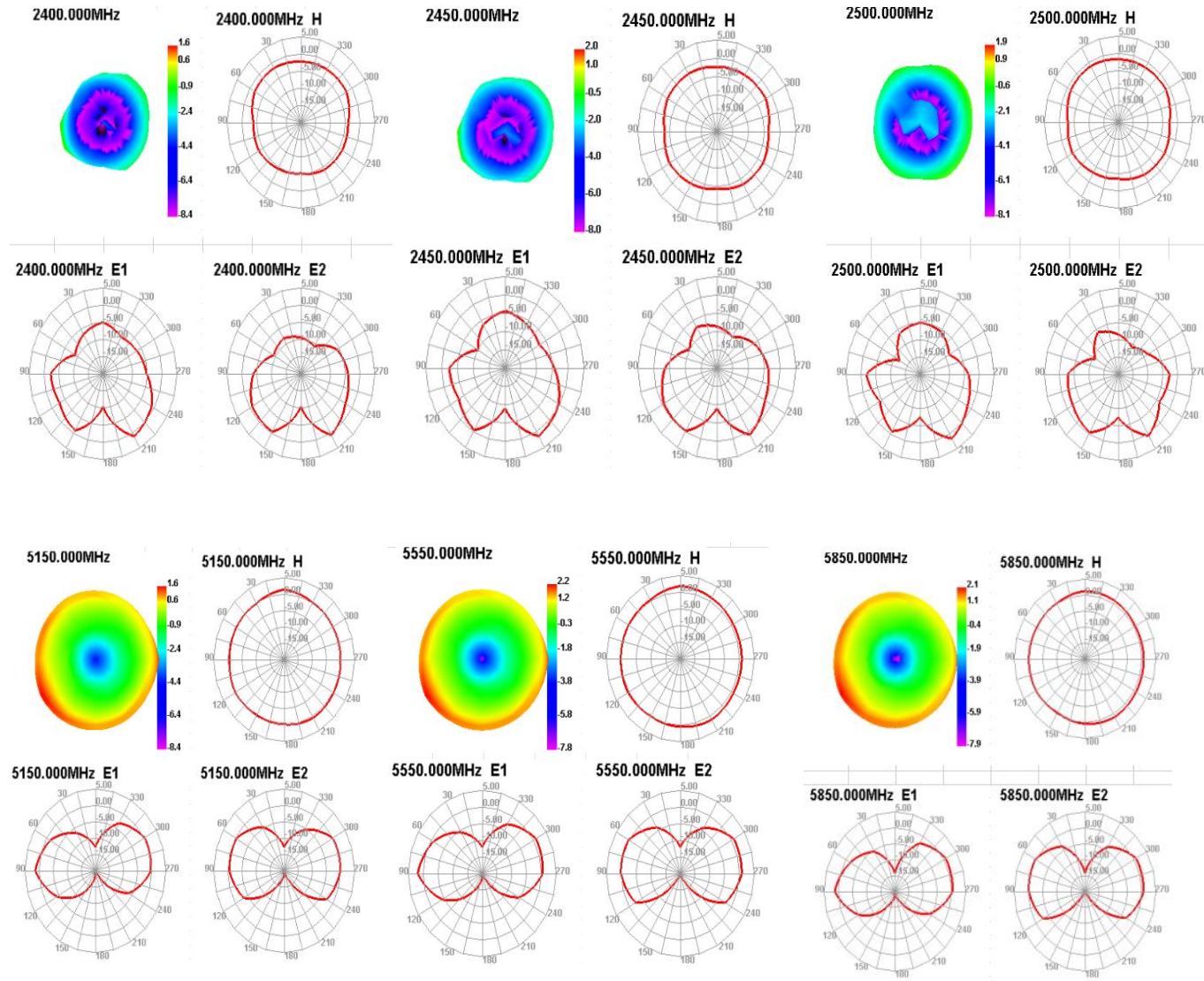
Location	Description
Shunt 01	N/A
Series	N/A
Shunt 02	N/A



Gain and efficiency

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Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	43.64	1.64
2450	43.27	2.05
2500	42.56	1.94
5150	40.27	1.55
5550	39.63	2.23
5850	38.26	2.12



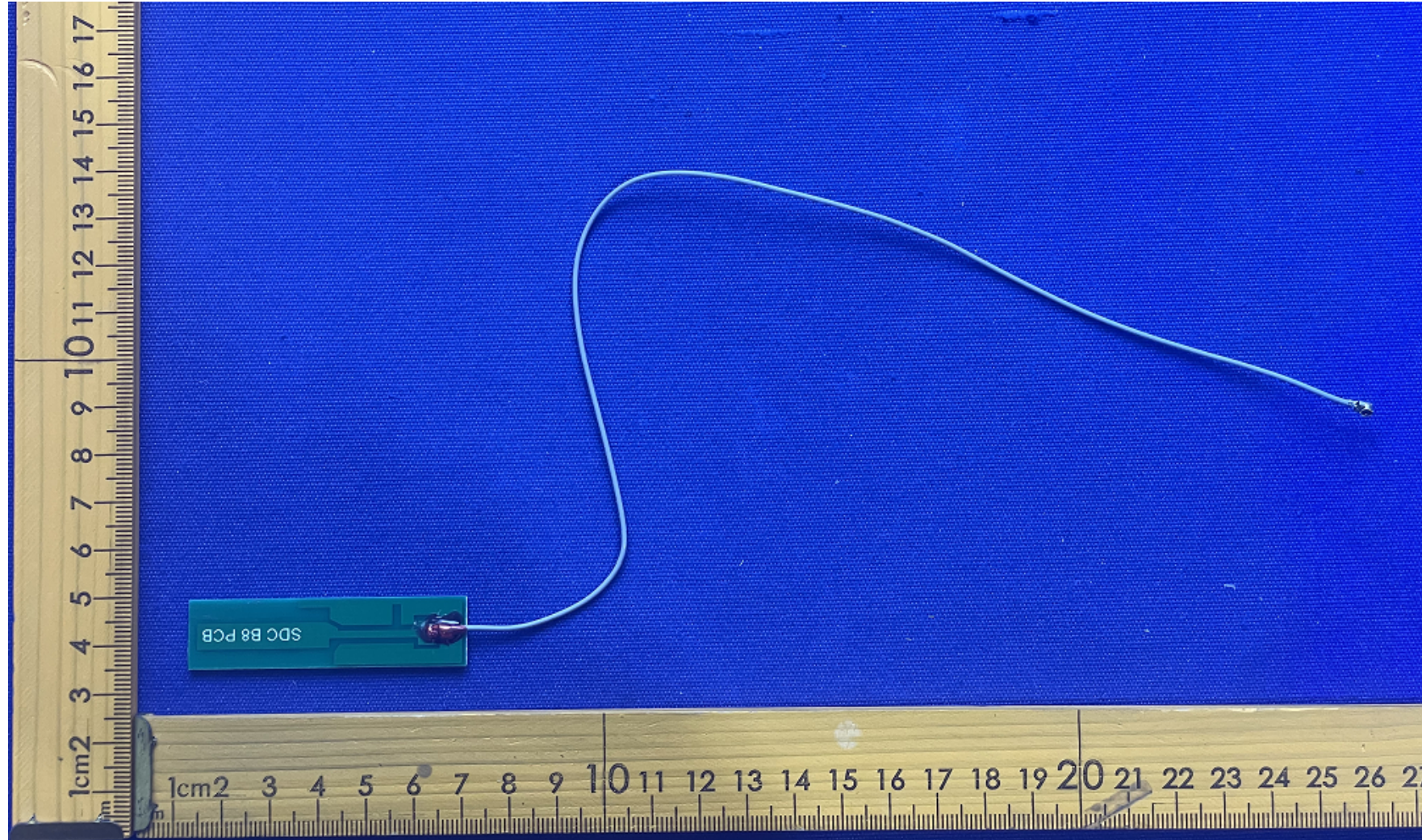


WIFI OTA Data

2.4G WIFI	TRP			TIS		
Channel	CH1	CH6	CH11	CH1	CH6	CH11
802.11 b , 11M	14.17	14.88	14.26	-82.23	-81.74	-82.17
802.11 g , 54M	13.43	13.57	13.21	-70.35	-69.39	-69.49
802.11 n , MCS7 (65M)	12.11	12.41	12.04	-66.17	-67.75	-67.52

5.8G WIFI	TRP			TIS		
Channel	CH36	CH60	CH161	CH36	CH60	CH161
802.11 a , 54M	12.45	12.38	12.57	-72.63	-70.52	-70.39

Antenna size





Thanks