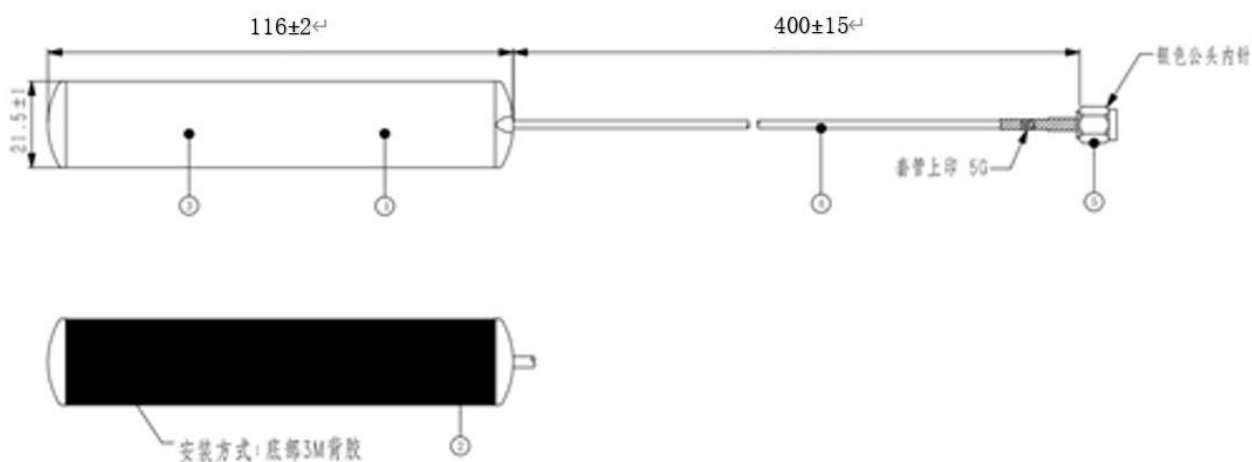
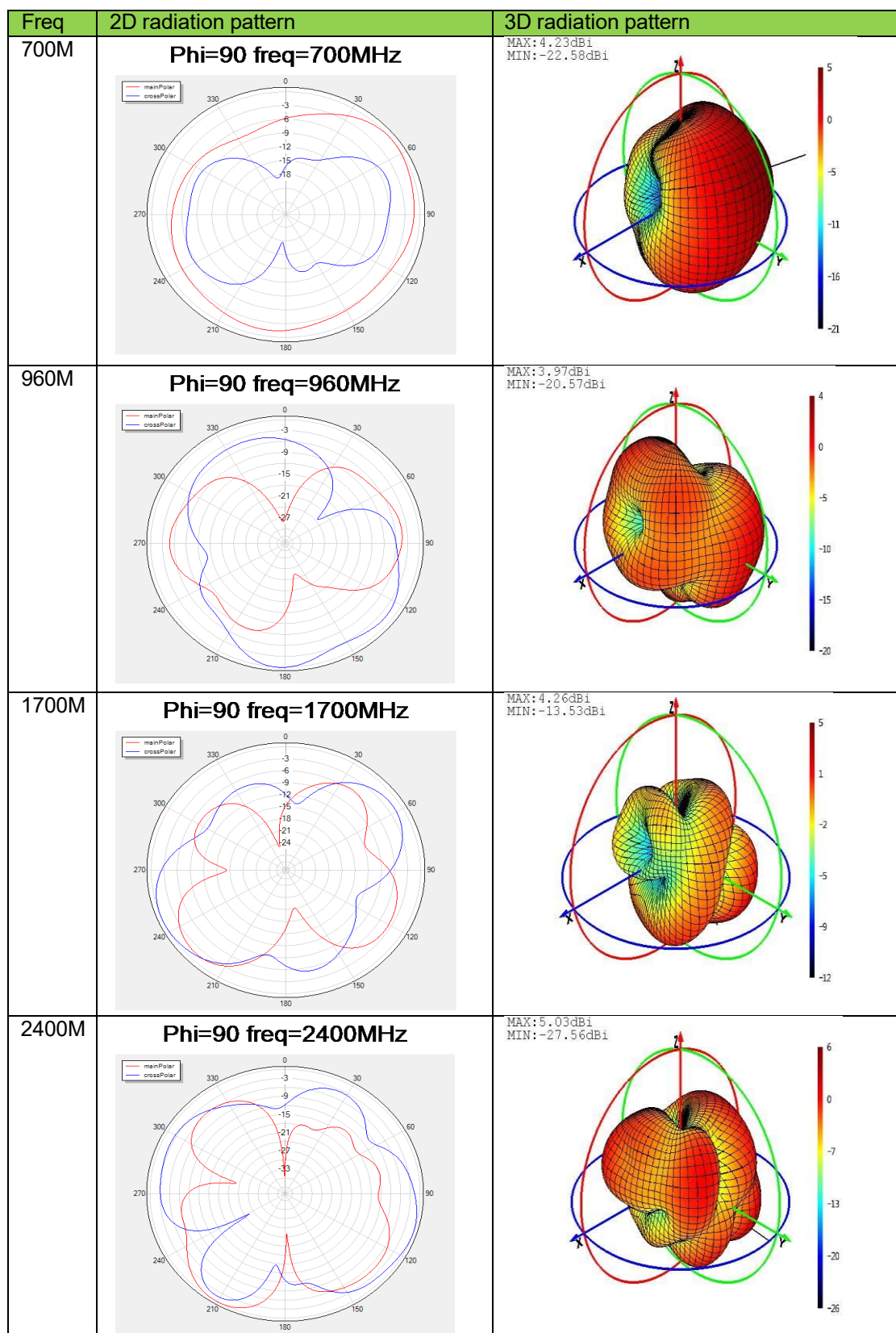




All dimensions are in mm; tolerances according to ISO 2768 c

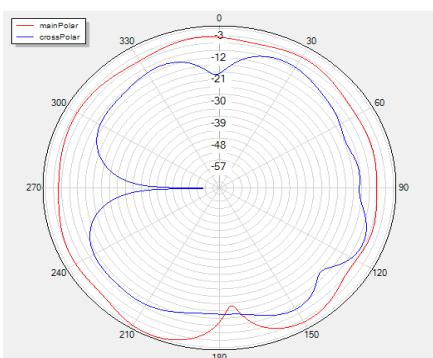
Antenna characteristics

Frequency (MHz)									
5G NR Band71	LTE 700	GSM 850/900	DCS	PCS	UMTS	LTE2600 WIFI 2400	5G NR	5G NR	LTE 5200 WIFI 5G
617-698	698-824	824-960	1710-1880	1850-1990	1920-2170	2300-2690	3300-3500	3600-4600	5150-5925
Efficiency (%)									
42.46	45.19	53.21	57.68	65.61	56.89	70.47	47.64	45.39	53.58
Peak Gain(dBi)									
0.84	1.89	2.1	2.55	3.61	2.11	2.39	1.33	0.91	2.36

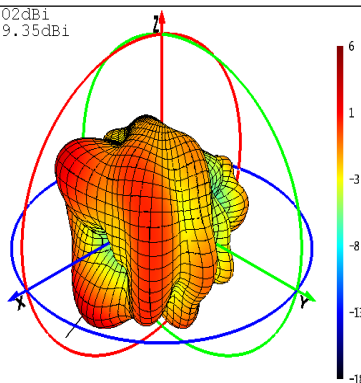


5000M

Phi=90 freq=5000MHZ

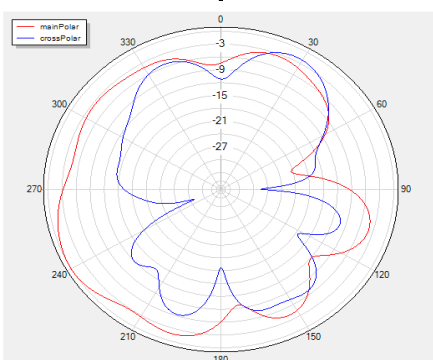


MAX: 5.02dBi
MIN: -19.35dBi

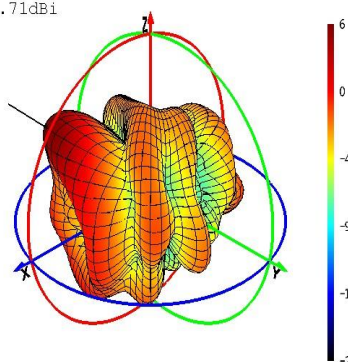


5800M

Phi=90 freq=5800MHZ



MAX: 5.6dBi
MIN: -20.71dBi



Electrical data

Frequency	600MHz-6GHz
Polarization	Linear Vertical
Nominal Impedance	50Ω
VSWR	3.0 max
Mac input power	2W

Mechanical data

Planner Dimension	116±3*21.5±1mm and customized cable length
Casing	PC+ABS
Connector	SMA(M/F)
Appearance Color	Black
Cable type	low loss RG174

Environmental data

Temperature Range	-40°C to 85°C
Humidity	Non-condensing 65°C 95% RH
RoHS	Compliant

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Checker	Approved	Date	Rev	Engineering change number	Name	Date
Anson M	11/11/24	Jack	Mark	11/11/24	200	25-e002	Nia He	24/12/25

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