



Etheta Communication Technology
(ShenZhen) Co.,Ltd.

Specifications

Customer Name: Beijing Honor The UnknownTechnology Co., Ltd.

Product Mode: Voyager

Customer P/N : 30850005

SouthstarP/N: RD207001-F1-0

Production date: 2026-03-10

Sample Version: V1

ETHETA		
FICTION	DQE	R&D
Customer		
PUR	QC	R&D

Manufacturer: Shenzhen Etheta Communication Technology Co., Ltd.

ADD: Factory 401, No. 6 Zhangfeng Road, Dongfang Community, Songgang Subdistrict, Bao'an District, Shenzhen

Telephone: 0755-26625028

Website URL: www.myetheta.com



Etheta Communication Technology
(ShenZhen) Co.,Ltd.

Change History

[illegible]



Etheta Communication Technology (ShenZhen) Co.,Ltd.

Index

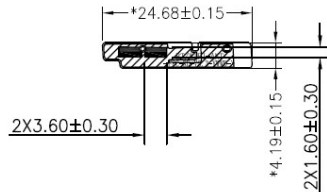
1、 Cover	1
2、 Change History.....	2
3、 Index	3
4、 The basic parameters.....	4
5、 Product Drawing.....	5
6、 Test Report.....	6



Etheta Communication Technology (ShenZhen) Co.,Ltd.

4、 Basic Parameters

Sample Photo



1. Electrical Characteristics

Frequency	2400-2500MHz 5150-5825MHz
SWR	<2.0
GAIN(FS)	2400-2500 MHz > -0.5DBi 5150-5825MHz >2.1 DBi
Polarization	vertical
Impedance	50 Ohm

2. Material & Mechanical Characteristics

Material of Radiator	FPC
Material of Plastic	FPC

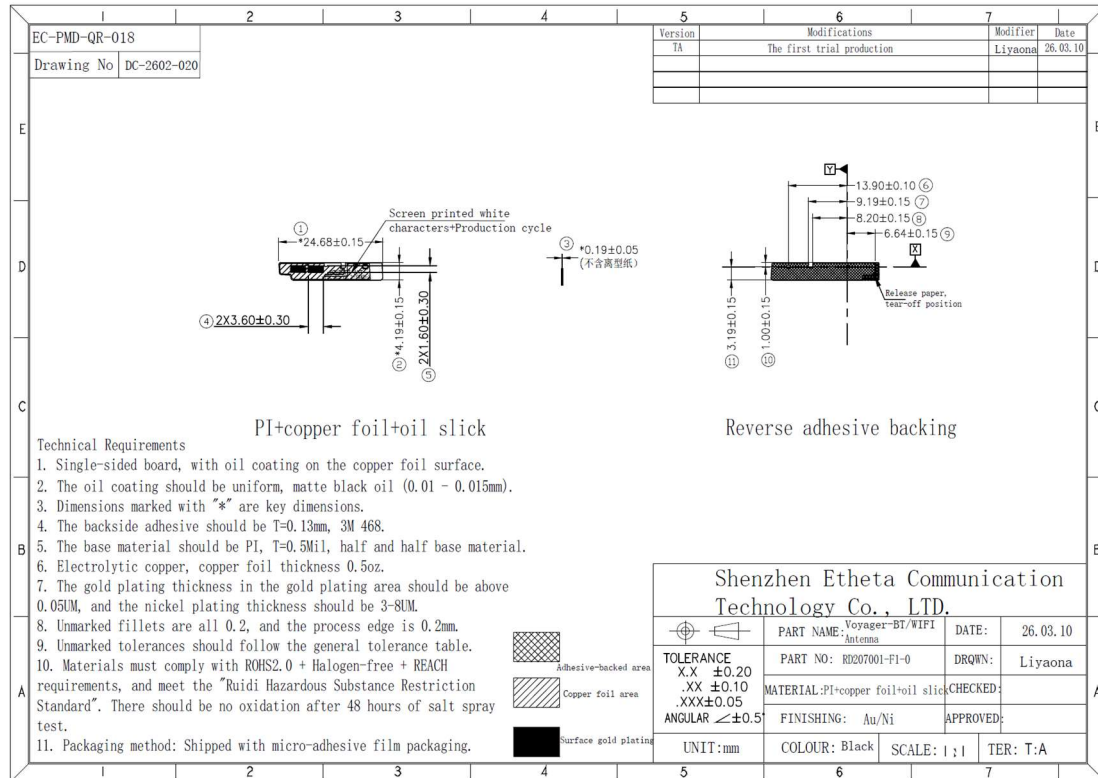
3. Environmental

Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C
Antenna Color Storage life	< 2 year



Etheta Communication Technology (ShenZhen) Co.,Ltd.

5、Antenna Drawing





Etheta Communication Technology (ShenZhen) Co.,Ltd.

6、OTA Test Report

Test devices: GTS 2800

Antenna efficiency and gain:

FS				Head			
Freq	Efficiency_dB	Gain	Efficiency(%)	Freq	Efficiency_dB	Gain	Efficiency(%)
2400	-3.84	-0.39	41.31	2400	-5.28	2.1	29.62
2410	-3.82	-0.27	41.45	2410	-5.29	2.07	29.58
2420	-3.86	-0.46	41.15	2420	-5.36	2.12	29.11
2430	-3.74	-0.29	42.23	2430	-5.24	2.19	29.94
2440	-3.72	-0.13	42.47	2440	-5.15	2.14	30.55
2450	-3.67	0.02	42.93	2450	-5.06	2.2	31.19
2460	-3.76	-0.28	42.06	2460	-5.15	2.16	30.53
2470	-3.88	-0.32	40.97	2470	-5.26	1.88	29.81
2480	-3.94	-0.31	40.35	2480	-5.22	1.88	30.07
2490	-4.05	-0.36	39.33	2490	-5.3	1.89	29.55
2500	-4.06	-0.52	39.27	2500	-5.32	1.88	29.39
5000	-5.3	-0.71	29.54	5000	-7.54	- 0.92	17.6
5025	-4.96	-0.02	31.91	5025	-7.29	- 0.63	18.68
5050	-4.78	0.43	33.27	5050	-7.16	- 0.53	19.21
5075	-4.38	1.06	36.52	5075	-6.81	- 0.23	20.86
5100	-4.37	1.14	36.6	5100	-6.8	- 0.32	20.89
5125	-3.89	1.68	40.83	5125	-6.34	0.05	23.24
5150	-3.59	2.12	43.74	5150	-6.05	0.58	24.82
5175	-3.23	2.56	47.48	5175	-5.74	1.12	26.69
5200	-3.06	2.8	49.41	5200	-5.65	1.5	27.24
5225	-2.78	3.18	52.75	5225	-5.39	1.93	28.91
5250	-2.75	3.28	53.11	5250	-5.42	2.1	28.7
5275	-2.92	3.3	51.11	5275	-5.66	1.94	27.16
5300	-3.01	3.34	50.05	5300	-5.75	2	26.61
5325	-3.01	3.47	50.02	5325	-5.7	2.17	26.93
5350	-3.04	3.49	49.69	5350	-5.56	2.41	27.79



Etheta Communication Technology (ShenZhen) Co.,Ltd.

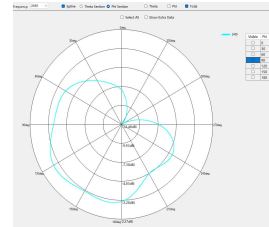
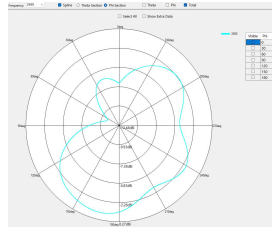
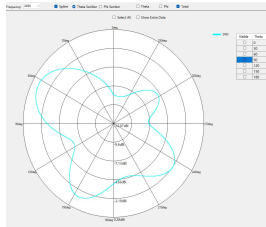
5375	-2.69	3.87	53.89	5375	-5.1	2.96	30.89
5400	-2.41	4.11	57.45	5400	-4.8	3.33	33.13
5425	-2.23	4.17	59.84	5425	-4.6	3.58	34.68
5450	-2.5	3.95	56.28	5450	-4.78	3.38	33.23
5475	-2.38	4.02	57.79	5475	-4.66	3.49	34.23
5500	-2.66	3.81	54.22	5500	-4.9	3.35	32.36
5525	-2.66	3.83	54.17	5525	-4.92	3.19	32.21
5550	-2.71	3.94	53.61	5550	-4.95	3.13	32
5575	-2.53	4.15	55.79	5575	-4.71	3.18	33.77
5600	-2.79	3.97	52.62	5600	-4.89	2.74	32.44
5625	-2.91	3.82	51.23	5625	-4.95	2.47	32
5650	-2.72	3.95	53.41	5650	-4.71	2.68	33.8
5675	-2.78	3.99	52.77	5675	-4.78	2.48	33.23
5700	-2.82	3.86	52.3	5700	-4.81	2.46	33.02
5725	-2.73	3.85	53.38	5725	-4.7	2.55	33.85
5750	-2.79	3.77	52.64	5750	-4.81	2.4	33.01
5775	-2.88	3.72	51.56	5775	-4.9	2.37	32.39
5800	-2.97	3.6	50.5	5800	-5.03	2.21	31.39
5825	-2.88	3.74	51.49	5825	-4.93	2.48	32.11
5850	-3.06	3.49	49.47	5850	-5.1	2.47	30.91
5875	-3.02	3.47	49.94	5875	-4.99	2.79	31.69
5900	-3.11	3.26	48.83	5900	-5.09	2.85	30.99
5925	-2.87	3.47	51.63	5925	-4.88	3.29	32.52
5950	-3.04	3.14	49.66	5950	-5.16	3.16	30.48
5975	-2.71	3.4	53.6	5975	-4.9	3.66	32.36
6000	-2.88	3.01	51.57	6000	-5.15	3.55	30.52



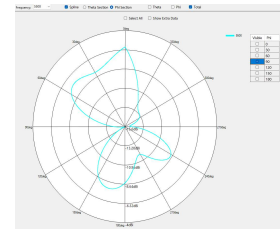
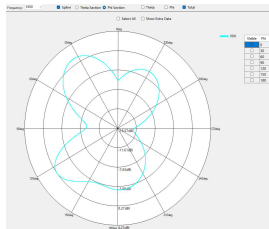
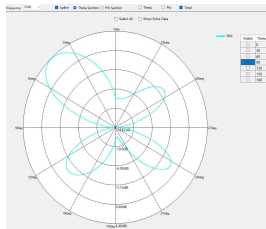
Etheta Communication Technology (ShenZhen) Co.,Ltd.

2D Radiation Patterns:

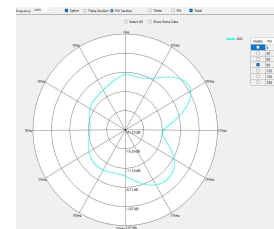
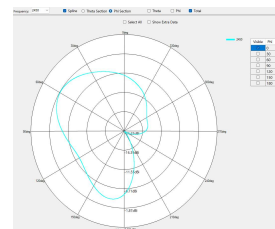
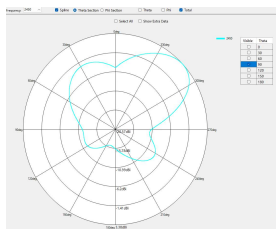
2.45GHZ-FS



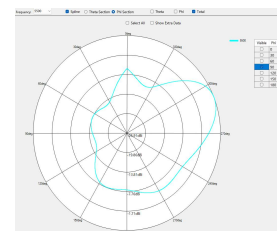
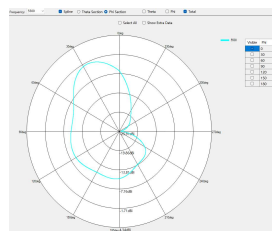
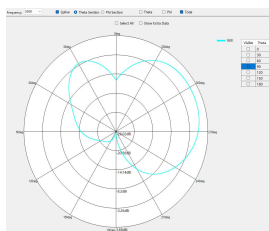
5.5GHZ-FS



2.45GHZ-Head



5.5GHZ-Head





Etheta Communication Technology (ShenZhen) Co.,Ltd.

Active Antenna Data:

chNO	TRP	TIS
36	14. 59	-70. 78
chNO	TRP	TIS
157	14. 25	-71. 12
chNO	TRP	TIS
165	14. 03	-71. 28