

SPECIFICATION FOR APPROVAL

CUSTOMER	Accsoon
CUS. CODE	
CUS. MODEL	
HJ-Tech CODE	3N0301BK-073
PRO. NAME	External Antenna
SPECIFICATION DESCRIPTION	
DATE	2024/1/5

/ SUPPLIER		
PREPARER	CHECKER	APPROVER
S. He		

/ CUSTOMER		
TRANSCTOR	CHECKER	APPROVER



1

2

3

4

A

B

C

D

E

F

G

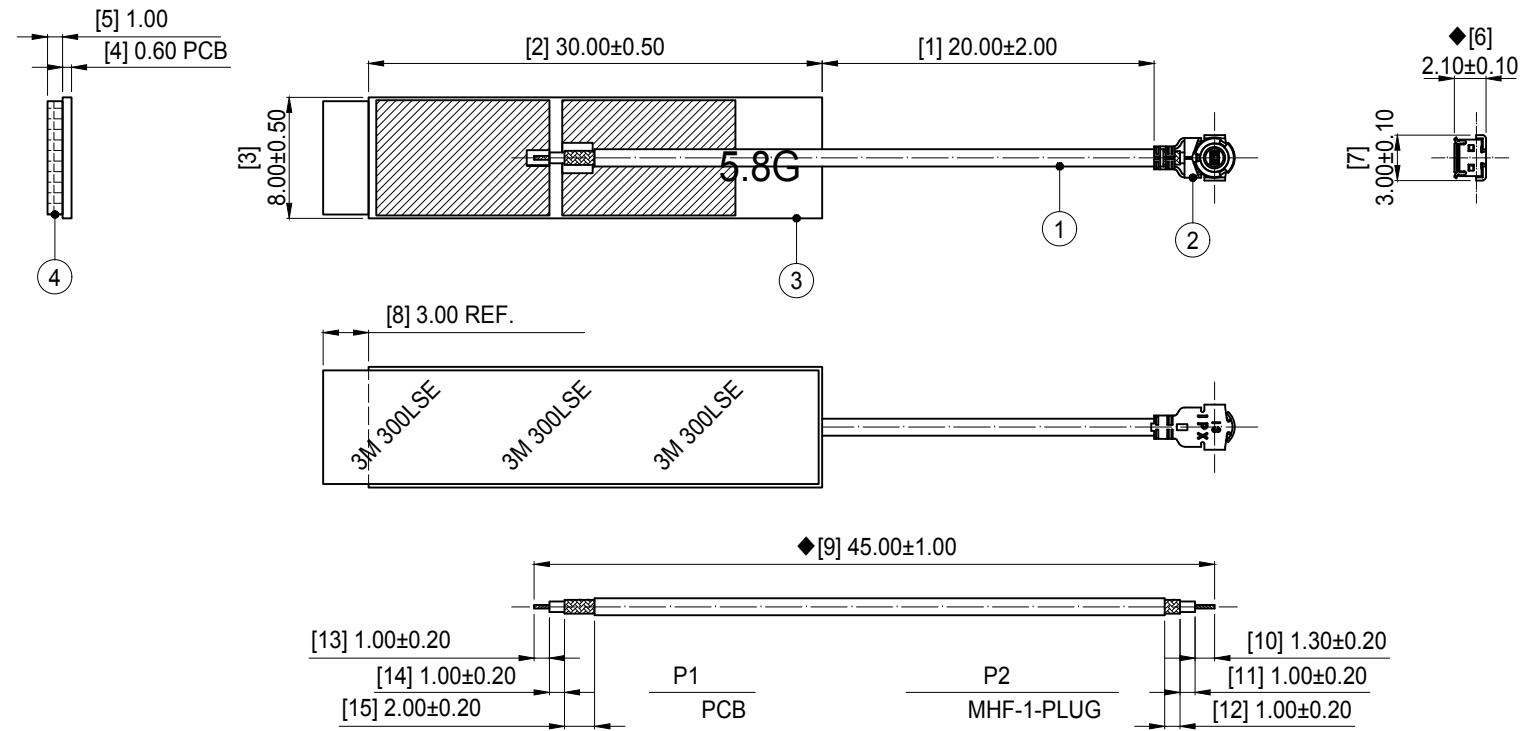
H

1

2

3

4

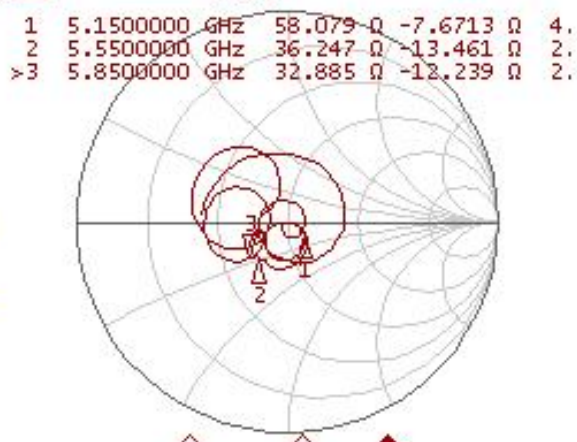


1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB



Tr2 S11 Smith (R+jX) Scale 1.000U



Tr3 S11 SWR 1.000/ Ref 1.000



1 Start 4.5 GHz IFBW 70 kHz Stop 6.5 GHz Off

System

Print

Abort Printing

Printer Setup...

Invert Image

ON

Dump
Screen Image...

Multipoint Test Set
Setup

Misc Setup

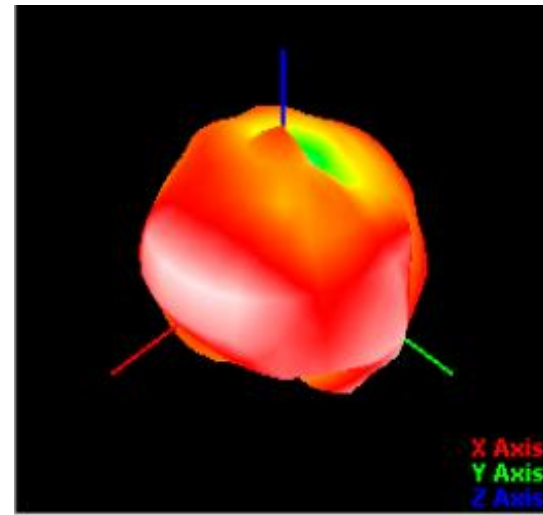
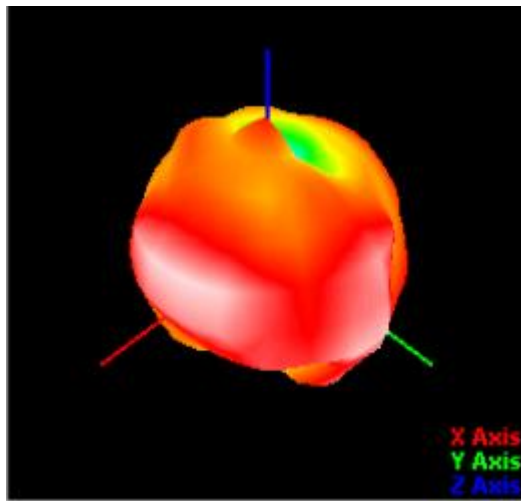
Backlight

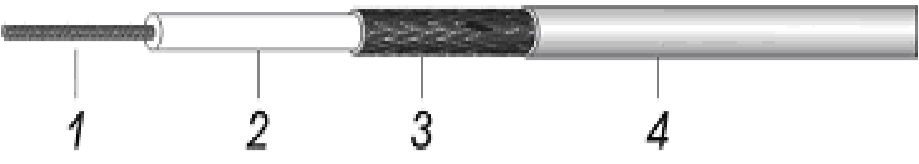
ON

Firmware

Revision

Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Frequency (MHz)	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
Point Values															
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-3.09	-2.69	-2.62	-2.87	-3.41	-1.91	-1.78	-2.10	-3.01	-2.49	-2.36	-2.71	-2.33	-1.96	-2.12
Peak EIRP (dBm)	2.54	2.56	2.62	2.53	1.96	2.54	2.77	2.51	2.13	2.14	2.66	2.40	1.88	1.86	2.51
Gain(dBi)	2.33	1.95	1.93	2.50	2.07	2.15	2.25	2.30	1.84	1.32	0.72	1.81	0.91	0.52	0.33
Efficiency (%)	59.10	63.80	64.70	61.60	65.60	64.40	66.40	61.70	60.00	66.40	58.00	63.60	58.50	63.70	61.40



Type	RF-1.13/50	P/N	2C5M11312BK1 (Black)	
Structure drawing				
Structure characteristics				
Structure	Item		Standard value	
Inner conductor	Material			
	Makeup:total / O.D. of every wire(mm)		7/0.08	
	(Intertwist)NOM.O.D.(mm)		0.24±0.02	
Insulation	Material		FEP	
	Color		Natural	
	NOM.O.D.(mm)		0.7±0.03	
Outer conductor	Material		Tinned copper wire	
	Makeup:total / O.D. of every wire(mm)		16/4/0.05	
	NOM.O.D.(mm)		0.92±0.05	
	Coverage ratio(%)		90±5	
Jacket	Material		FEP	
	Color		Black	
	NOM.O.D.(mm)		1.13±0.05	
Electrical characteristics				
Item	Standard value	Item	Frequency	Standard value Unit:dB/m
Capacitance(pF/m)	98	Attenuation	1GHz	≤2.32
Velocity(%)	70		2GHz	≤3.27
Impedance(Ω)	50±3		3GHz	≤4.01
Standing wave ratio	≤1.4@0~6GHz		4GHz	≤4.64
Max.operating voltage(V)	1000		5GHz	≤5.17
Max.operating frequency(GHz)	6		6GHz	≤5.70
Dependability				
Item	Unit	Standard value		
Min.bending radius static	mm	4		
Min.bending radius repeated	mm	—		
Operating temperature	℃	-55~+150		