

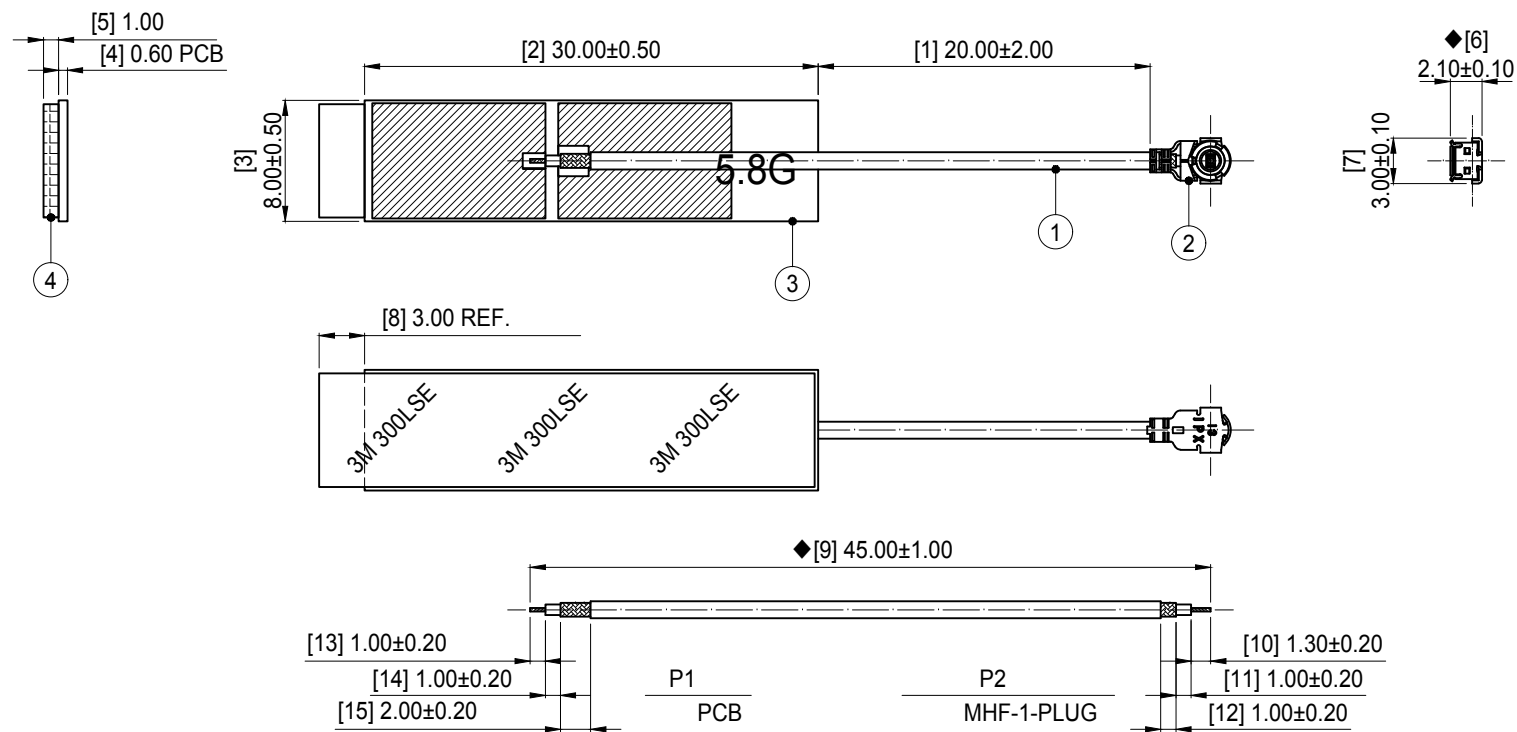
SPECIFICATION FOR APPROVAL

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



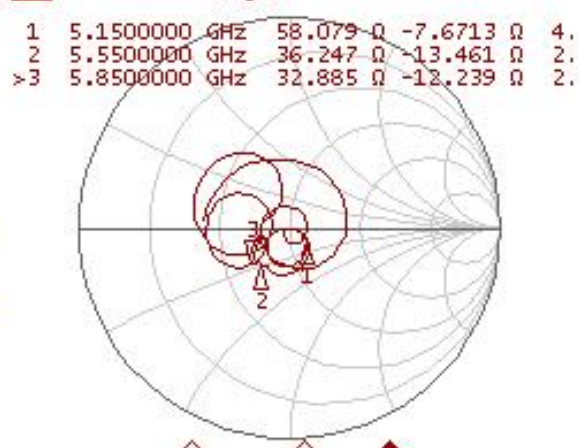


1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

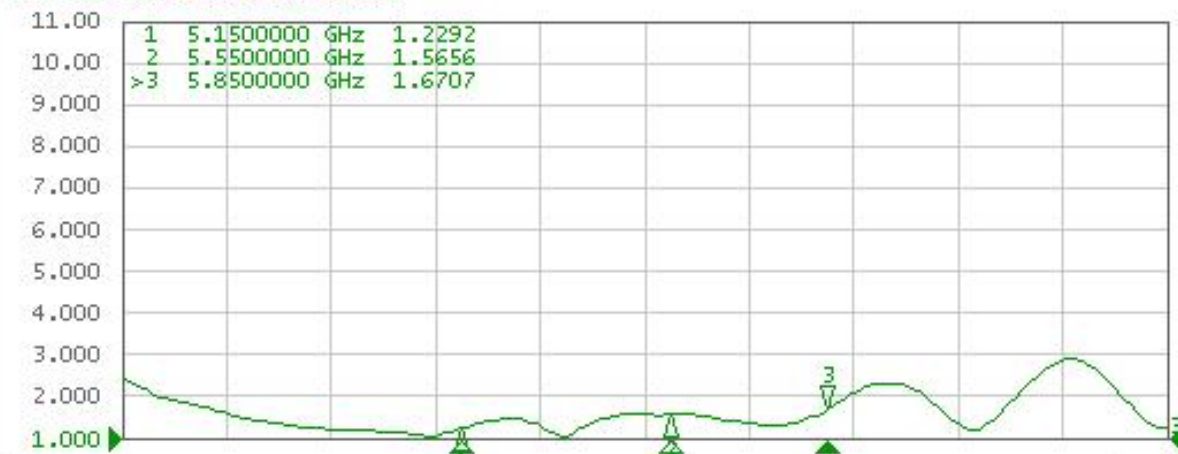
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB



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...

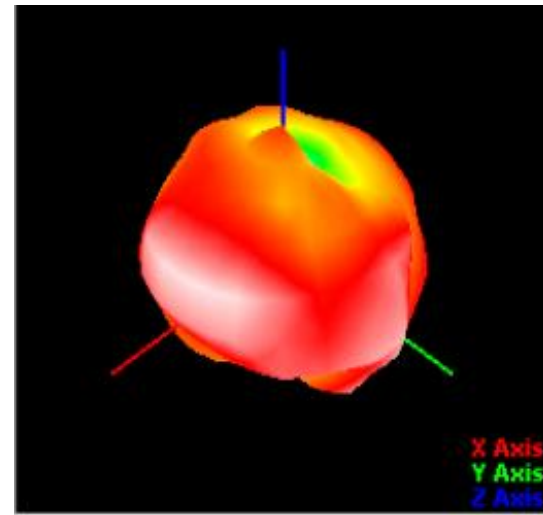
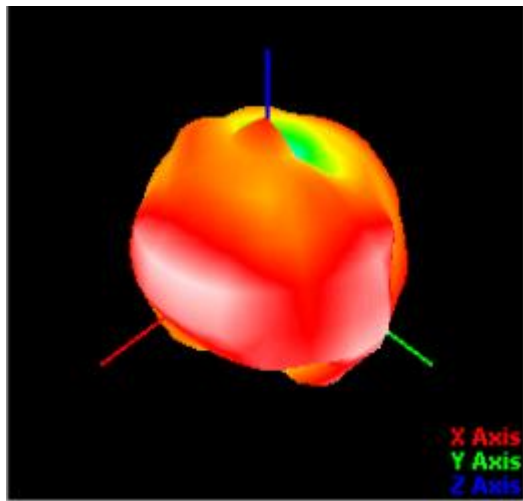
Multiport Test Set
Setup

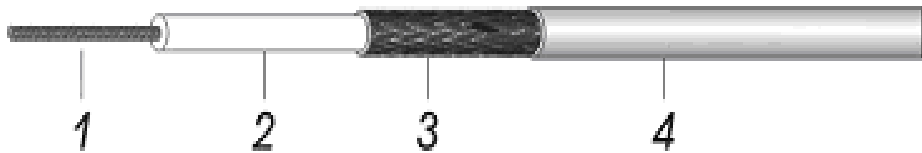
Misc Setup

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	