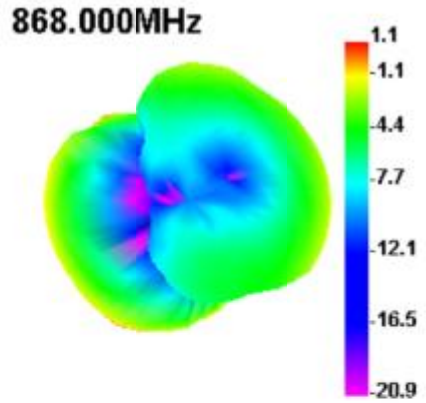
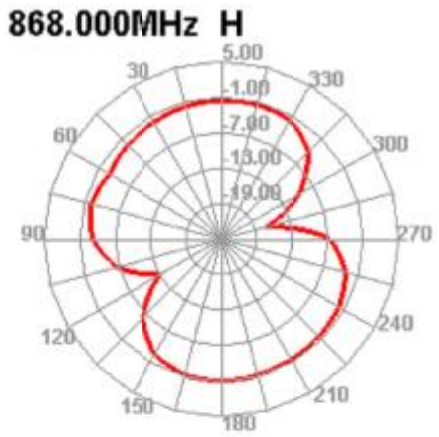
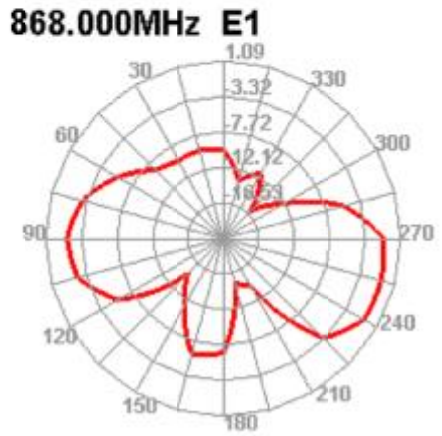
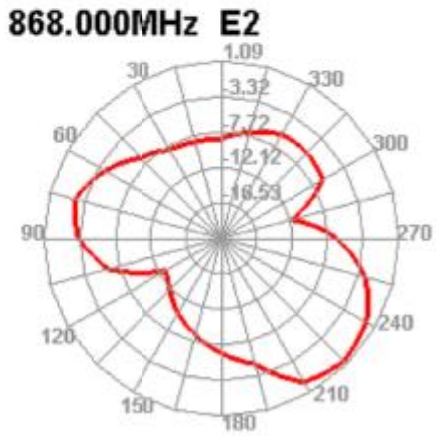
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)
860	32.86	-3.2	0.92	-1.23
861	33.23	-3.17	0.93	-1.22
862	33.64	-3.13	0.95	-1.2
863	33.99	-3.1	0.96	-1.19
864	34.2	-3.08	0.95	-1.2
865	34.26	-3.08	0.95	-1.2
866	33.99	-3.1	0.91	-1.24
867	33.7	-3.12	0.86	-1.29
868	33.52	-3.14	0.84	-1.31
869	33.46	-3.15	0.81	-1.34
870	33.48	-3.14	0.82	-1.33
871	33.92	-3.1	0.83	-1.32
872	34.33	-3.07	0.86	-1.29
873	34.66	-3.04	0.88	-1.27
874	34.86	-3.02	0.9	-1.25
875	34.97	-3.01	0.9	-1.25
876	34.63	-3.04	0.88	-1.27
877	34.3	-3.07	0.88	-1.27
878	34.02	-3.1	0.89	-1.25
879	33.83	-3.11	0.89	-1.25
880	33.75	-3.12	0.91	-1.24

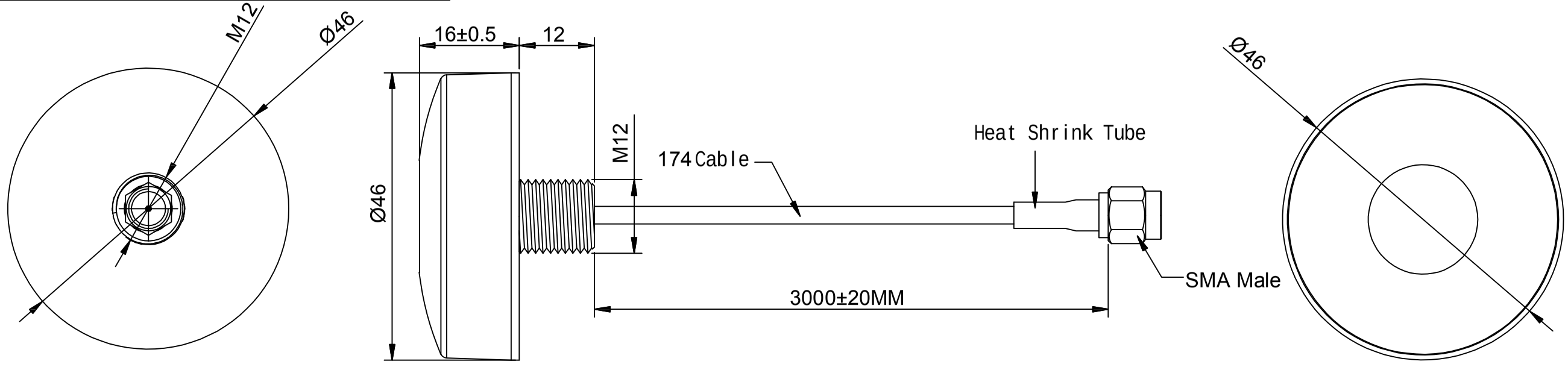








Performance parameters	
Frequency Range	868MHz
Band Width	±10 MHz
Vswr	≤2.0
Gain	-3DBi
Impedance	50 OHM
Polarization	Vertical
Radiation	OMNIDIRECTIONAL
Max power	10 W
Temperature	-35° -- +80°



ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES] Unit:mm

THIRD ANGLE PROJECTION		PART NAME 868MHZ SMA Antenna	ROHO COMMUNICATION TECHNOLOGY CO.,LTD
TOLERANCE UNLESS OTHERWISE SPECIFIED .x ±0.25 .xx ±0.20		DRAWN BY R.YU	PART NO. 868-SMA-174-L3000
UNIT mm	SCALE free	CHECKED BY JOSON	
REV.	A	APPROVED BY	CUSTOMER P/N
		DATE 2023-5-11	