

(Preliminary)

APPROVAL SHEET

Antenna TYPE : Press + Carrier Assembly Antenna
Model : OCU 3.5 EVO
Application : LTE & Sub6
Amotech P/No. : AMO-MHA-LG003
LGE P/No. :

LG Electronics	Checked	Checked	Approved
	/	/	/



Amotech	Written	Checked		Approved
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Date	25. 04. 28			25. 04. 28

2025. 04. 28

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1. Revision History

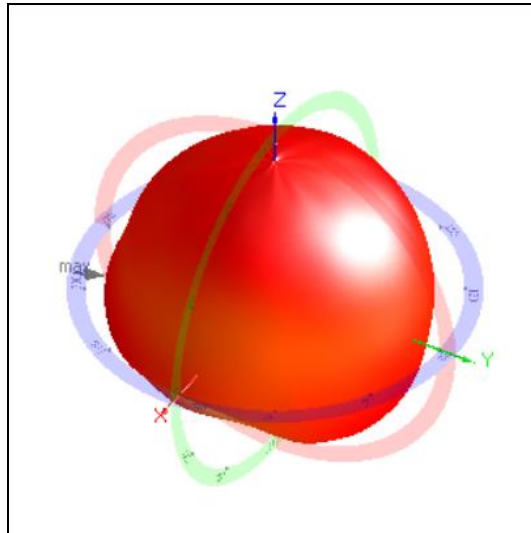
Rev No	Date	Content	Approver

2. Specifications

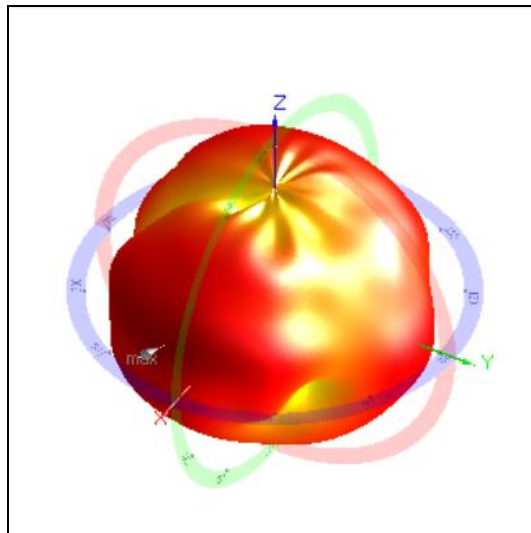
2.1 Electrical Specification on SET

No	ITEM	Spec			Remark
1	Radiation Gain	Average [dBi]	617 MHz	Typical -4.80	
			652 MHz	Typical -2.42	
			663 MHz	Typical -1.76	
			698 MHz	Typical -2.10	
			700 MHz	Typical -2.09	
			824 MHz	Typical -3.80	
			845 MHz	Typical -3.32	
			894 MHz	Typical -2.30	
			960 MHz	Typical -2.59	
			1710 MHz	Typical -2.30	
			1990 MHz	Typical -2.11	
			2170 MHz	Typical -4.40	
			2300 MHz	Typical -2.09	
			2400 MHz	Typical -3.64	
			2500 MHz	Typical -4.83	
			2690 MHz	Typical -4.71	
			3300 MHz	Typical -2.04	
			3800 MHz	Typical -4.93	
			4200 MHz	Typical -3.73	
		Peak [dBi]	617 MHz	Typical -2.16	
			652 MHz	Typical 0.21	
			663 MHz	Typical 0.84	
			698 MHz	Typical 0.42	
			700 MHz	Typical 0.56	
			824 MHz	Typical 0.04	
			845 MHz	Typical 0.19	
			894 MHz	Typical 1.02	
			960 MHz	Typical 0.80	
			1710 MHz	Typical 2.40	
			1990 MHz	Typical 1.62	
			2170 MHz	Typical 1.51	
			2300 MHz	Typical 3.04	
			2400 MHz	Typical 2.07	
			2500 MHz	Typical 1.12	
			2690 MHz	Typical 0.41	
			3300 MHz	Typical 3.25	
			3800 MHz	Typical -0.95	
			4200 MHz	Typical 0.92	
2	Radiation Pattern	Omni-directional			
3	Impedance	Nominal 50 Ω			

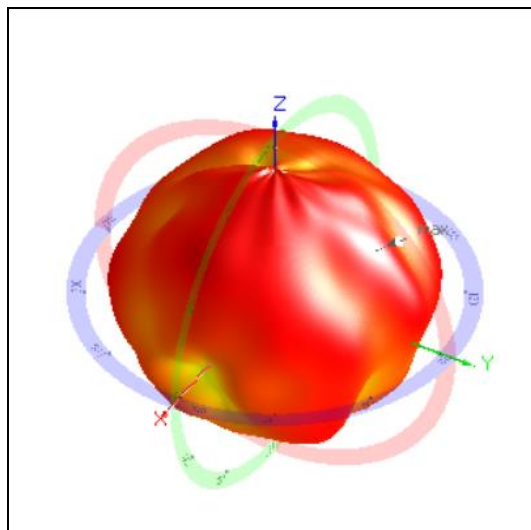
2.2 3D Radiation Pattern



824MHz



2170MHz



3800MHz

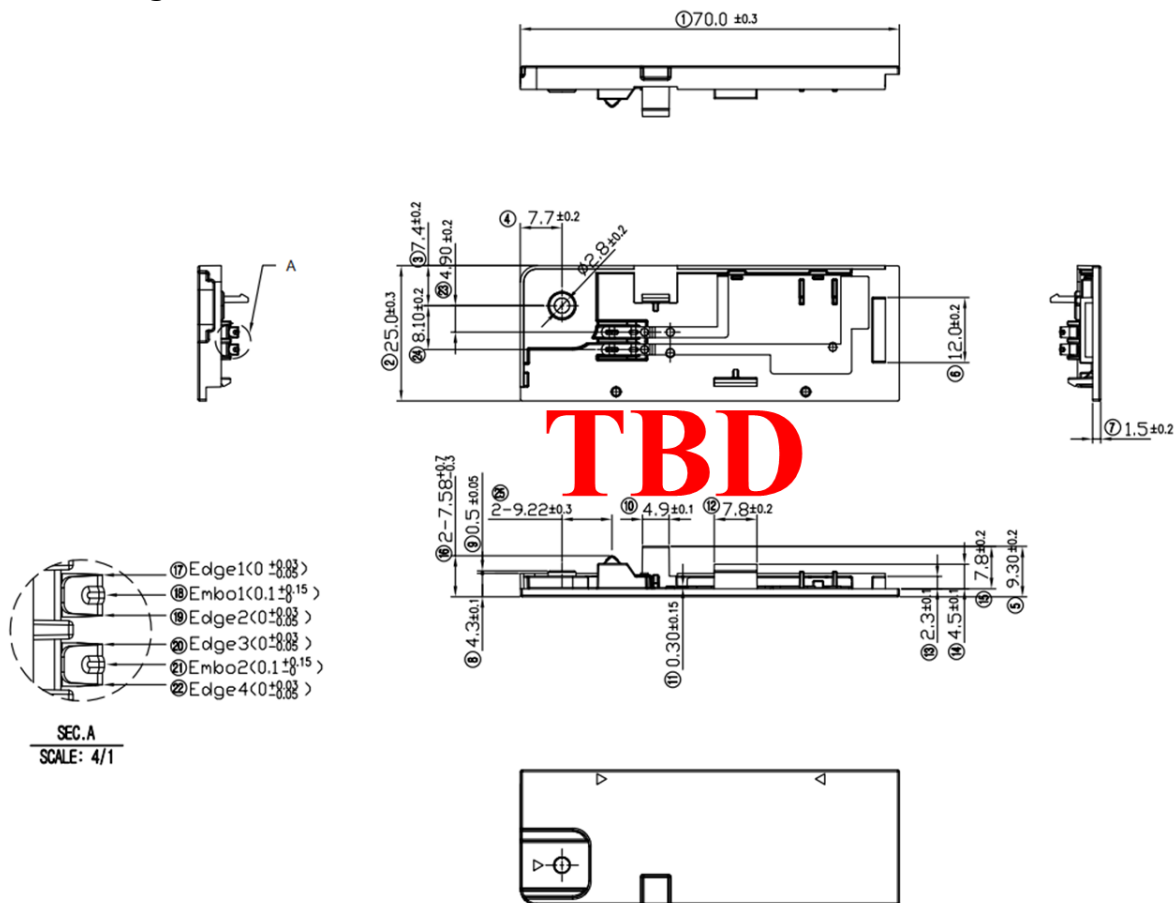
2.3 VSWR [Measurement jig]

TBD

2.4 Mechanical Specification

TBD

2.5 Drawing



2.6 Part No.

Part No. AMO – MH A – LG 003

(1) (2) (3) (4) (5)

- (1) : Amotech
- (2) : Press Antenna + Carrier
- (3) : Antenna
- (4) : Customer name
- (5) : Product serial number