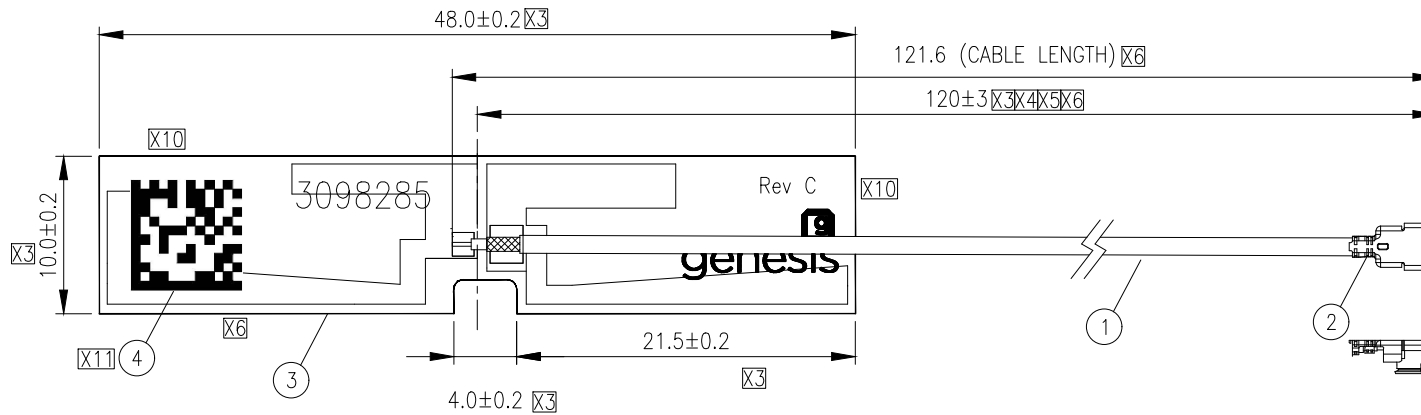


REV.	ECN. NO.	DESCRIPTION	ENG	DATE
X1		INITIAL	AXL	3/31/2021
X2		EDIT NOTES	AXL	4/5/2021
X3		CHANGE PCB AND WIRE POSITION	AXL	5/4/2021
X4		CHANGE DIMENSION WAS 73.8	AXL	5/5/2021
X5		ADD CABLE LENGTH	AXL	5/5/2021
X6		CHANGE PCB AND DIMENSION AND REMOVE PACKAGING	AXL	6/10/2021
X7		ADD NOTES 5 AND REPORT IN SHEET 2 AND 3	AXL	6/23/2021
X8		ADD AND EDIT NOTES AND SHEET 2, REMOVE SHEET 3	AXL	8/2/2021
X9		ADJUST NOTES 6	AXL	8/4/2021
X10		ADJUST TOP OVERLAY AND ADD CABLE OPTION -02	AXL	12/8/2021
X11		ADD LABEL	Bolin	12/14/2021



NOTES:

ANTENNA SPECIFICATION

1. FREQUENCY RANGE:

2.4GHz~2.5GHz.
5.15GHz~5.85GHz.

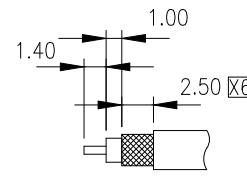
X2 2. RETURN LOSS: ≤ -10dB

X2 3. VSWR: ≤ 2.0

X8X2 4. GAIN: ≥ 2.0 dBi.

X7 5. PACKAGING: STACKED 20PCS AND PLACE IN PE BAG.

X8X9 6. PEAK GAIN CHART



RECOMMENDED CABLE STRIPPING DIMENSIONS

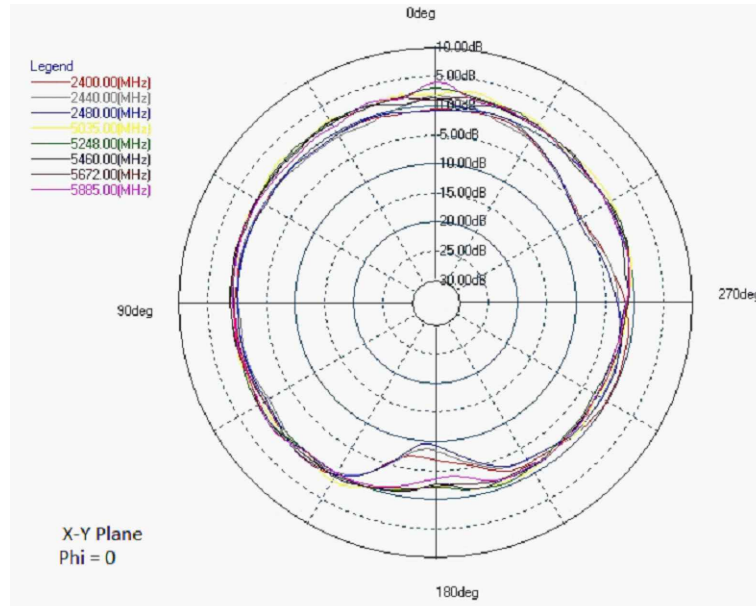
P/N	CABLE COLOR
650-10045-01	BLACK
650-10045-02	YELLOW

Peak Gain (dBi) including Cable Loss & Clip Mount

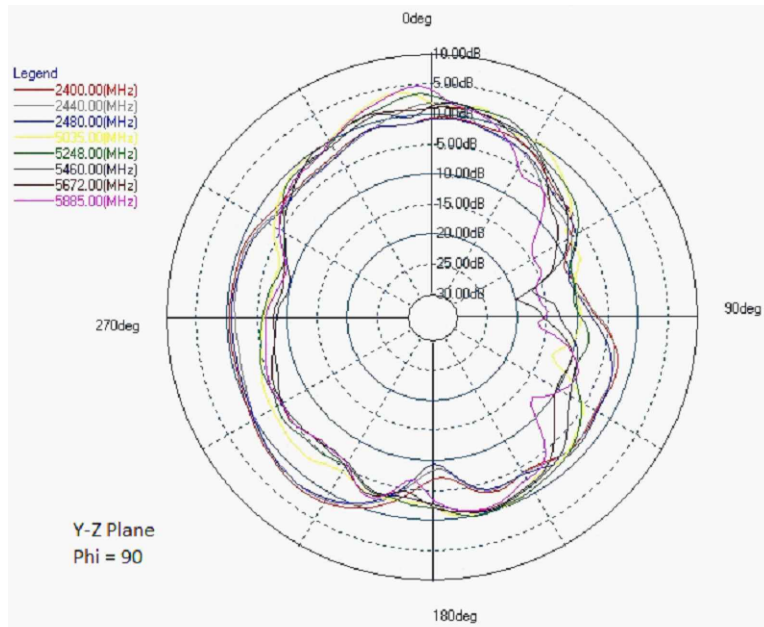
2.4-2.5 GHz	5.15-5.35 GHz	5.47-5.8 GHz	5.72-5.85 GHz
2.5 dBi	3.2 dBi	3.7 dBi	3.85 dBi

GENERAL TOLERANCE X.± .X± .XX±0.20 .XXX±0.10	ANGLE TOLERANCE X°± .X°± .XX°± .XXX°±	DRAWN AXL	DATE 8/4/2021	
MATERIAL SCALE N/A		DESIGN	DATE	
FINISH		CHECKED	DATE	PART NUMBER. 650-10045-XX
SHEET 1 OF 2		APPROVED	DATE	DRAWING NO. 650-10045
				SIZE A4 REV. X11

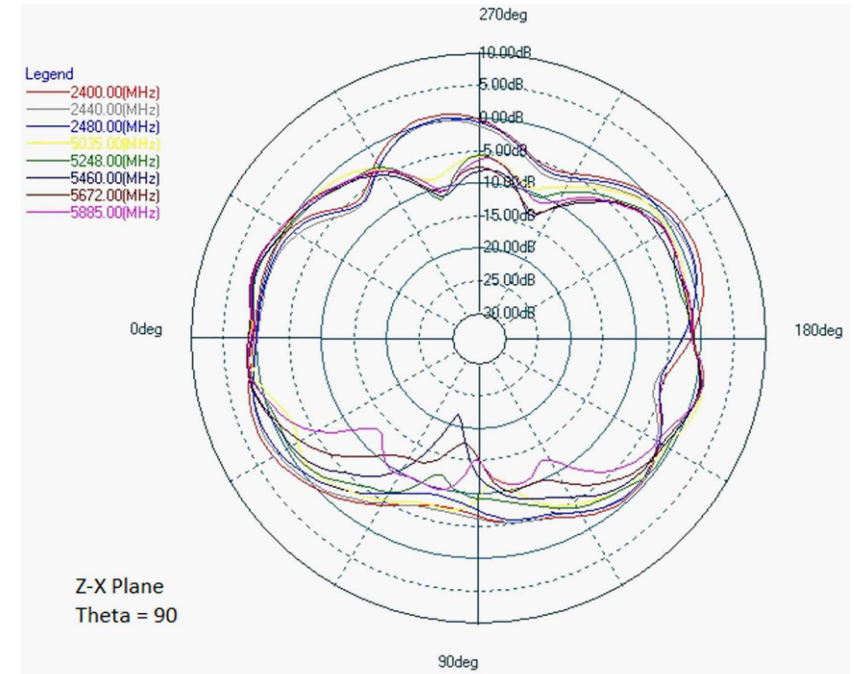
ITEM	NAME	QTY	DESCRIPTION	NOTE
4	LABEL	1	BARCODE LABEL 8*8mm	X11
3	PCB	1	THICKNESS 0.6mm, FR-4 OR EQUIVALENT BOARD MATERIAL	X10X3
2	CONNECTOR	1	IPEX-I PLUG OR EQUIVALENT, FOR CABLE DIAMETER: 1.13mm	X6
1	CABLE	1	CABLE- 1.13COAX, IMPEDANCE: 50ohm	X6



2D POLAR PLOTS: X-Y PLANE



2D POLAR PLOTS: Y-Z PLANE



2D POLAR PLOTS: Z-X PLANE

X7X8

GENERAL TOLERANCE X.± .X± .XX±0.20 .XXX±0.10	ANGLE TOLERANCE X°± .X°± .XX°± .XXX°±	DRAWN AXL	DATE 8/4/2021		TITLE DUAL BAND ANTENNA ASSY
MATL	FINISH	CHECKED	DATE		PART NUMBER. 650-10045-XX
SCALE N/A	UNIT mm	APPROVED	DATE	DRAWING NO. 650-10045	SIZE A4 REV. X11
SHEET 2 OF 2					