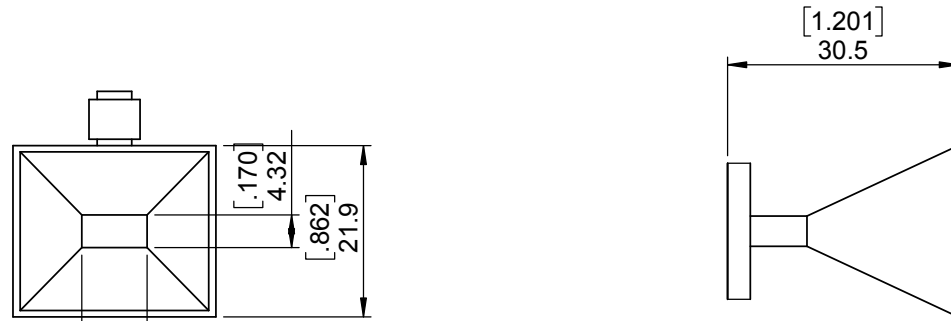
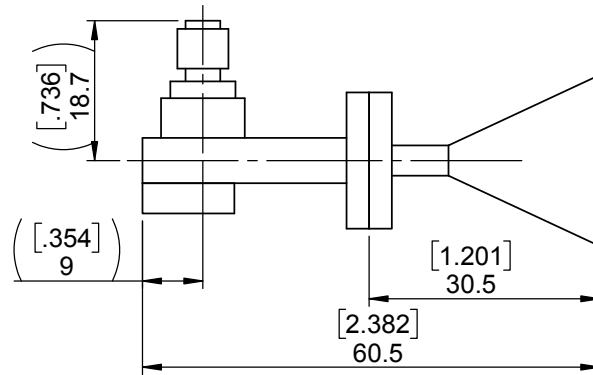


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Document No.	QR4-700-T-003	REV.	A/0	REV.	0	DESCRIPTION		REVISOR	Hu.Jiang	DATE	08.14.2020	APPROVED	HC.Qiu



GH-34-15A



GH-34-15C

Specifications		
	HA34-15A	HA34-15C
Freq.(GHz)	21.7~33	
Gain (dB)	15	
VSWR Typ.	≤1.25	≤1.5
Flange/Connector	FBP260(UBR260)	K-50K
Size	28.3x21.9x30.5 mm 1.11x0.86x1.2 inch	28.3x21.9x60.5 mm 1.11x0.86x2.38 inch
Weight (kg) (Estimated)	0.02	0.045

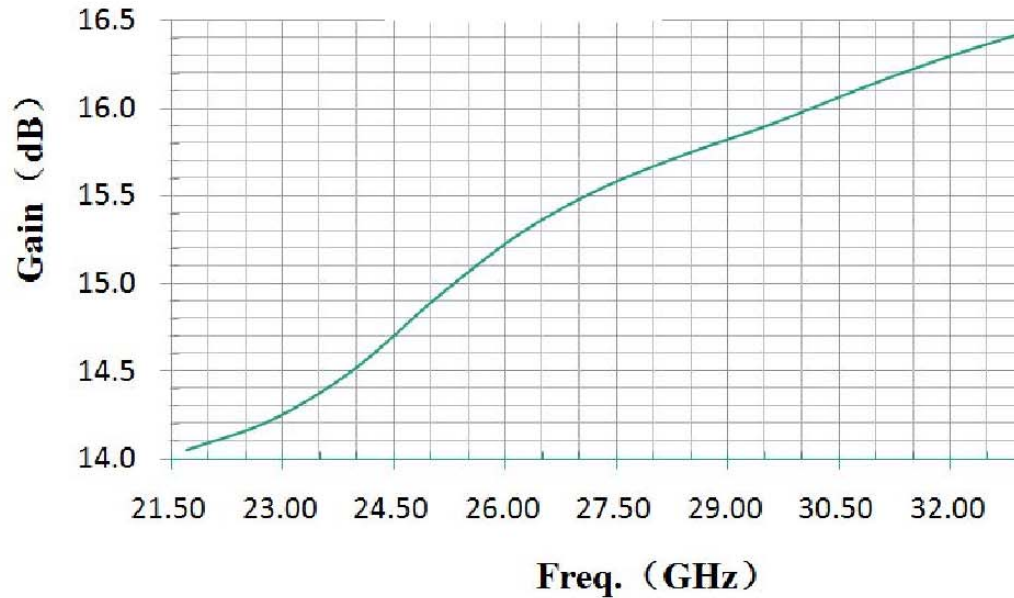
DORADO INTERNATIONAL **DORADO Millimeter Wave**

MATERIAL: Copper	DWG NO: HA34-15				
SURFACE TREATMENT: Gold plated, inner	DWG BY:	Hu.Jiang	08.14.2020	SCALE	
	CHK'D BY:			1:1	
DESCRIPTION: Standard Gain Horn Antenna	APP'VD BY:				The First:
	Unit: mm[inch]	Tolerance: Liner: ±0.25 Anguar: ±0.5°		A4	



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Document No.	QR4-700-T-003	REV.	DESCRIPTION	REVISOR	DATE	APPROVED					
REV.	A/0	0		Hu.Jiang	08.14.2020	HC.Qiu					



Freq.(GHz)	Gain(dB)
21.70	14.05
22.83	14.22
23.96	14.51
25.09	14.92
26.22	15.29
27.35	15.55
28.48	15.74
29.61	15.91
30.74	16.10
31.87	16.28
33.00	16.43

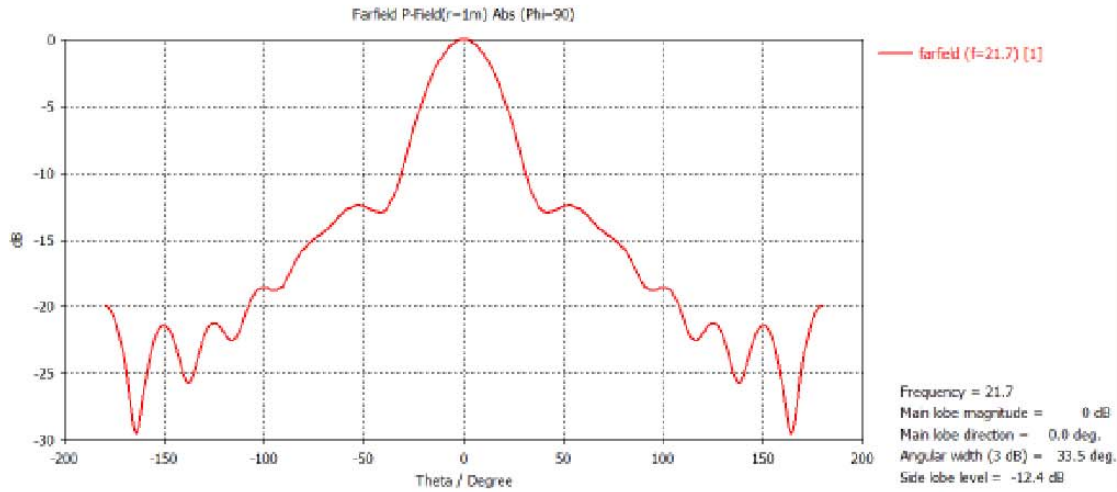
DORADO Millimeter Wave	
MATERIAL: Copper	DWG NO: HA34-15
SURFACE TREATMENT: Gold plated, inner	DWG BY: Hu.Jiang CHK'D BY: APPV'D BY:
DESCRIPTION: Standard Gain Horn Antenna	Unit: mm[inch] Tolerance: Liner: ±0.25 Anguar: ±0.5°
The First:	
SCALE: 1:1 A4	



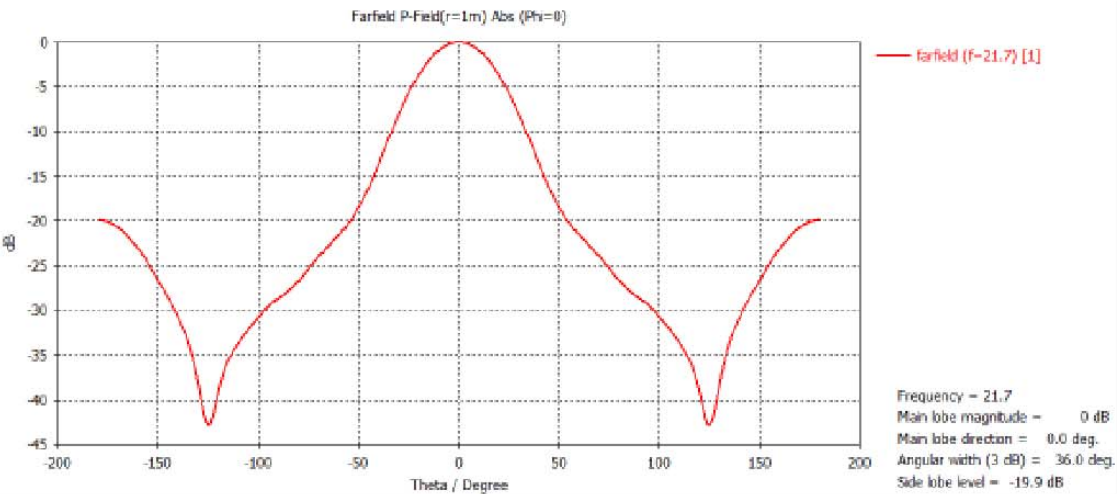
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Document No.	QR4-700-T-003	REV.	A/0	REV.	0	DESCRIPTION		REVISOR	Hu.Jiang	DATE	08.14.2020	APPROVED	HC.Qiu

21.7GHz-E



21.7GHz-H



Antenna Radiation Pattern

Freq. (GHz)	Angular With (3dB) (deg.)	Side lobe level (dB)	
21.7	E	33.5	-12.4
21.7	H	36.0	-19.9
26	E	30.1	-13.2
26	H	31.2	-21.8
33	E	24.5	-21.2
33	H	26.2	-21.2

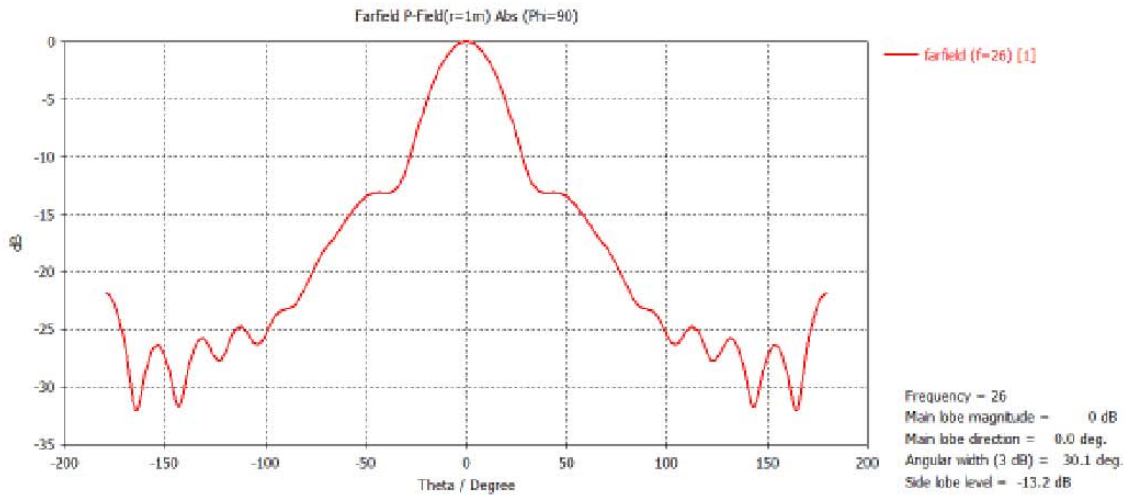
DORADO Millimeter Wave	
MATERIAL: Copper	DWG NO: HA34-15
SURFACE TREATMENT: Gold plated, inner	DWG BY: Hu.Jiang CHK'D BY: APP'VD BY:
DESCRIPTION: Standard Gain Horn Antenna	Unit: mm[inch] Tolerance: Liner: ±0.25 Anguar: ±0.5°
The First:	
SCALE: 1:1 A4	



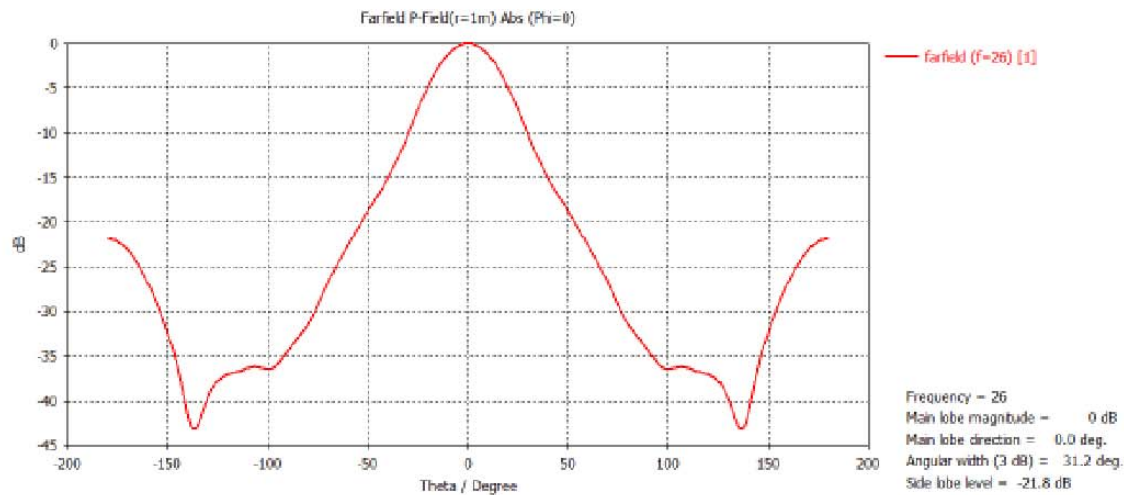
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26 GHz-E



26 GHz-H



Antenna Radiation Pattern

Freq. (GHz)	Angular With (3dB) (deg.)		Side lobe level (dB)
21.7	E	33.5	-12.4
21.7	H	36.0	-19.9
26	E	30.1	-13.2
26	H	31.2	-21.8
33	E	24.5	-21.2
33	H	26.2	-21.2

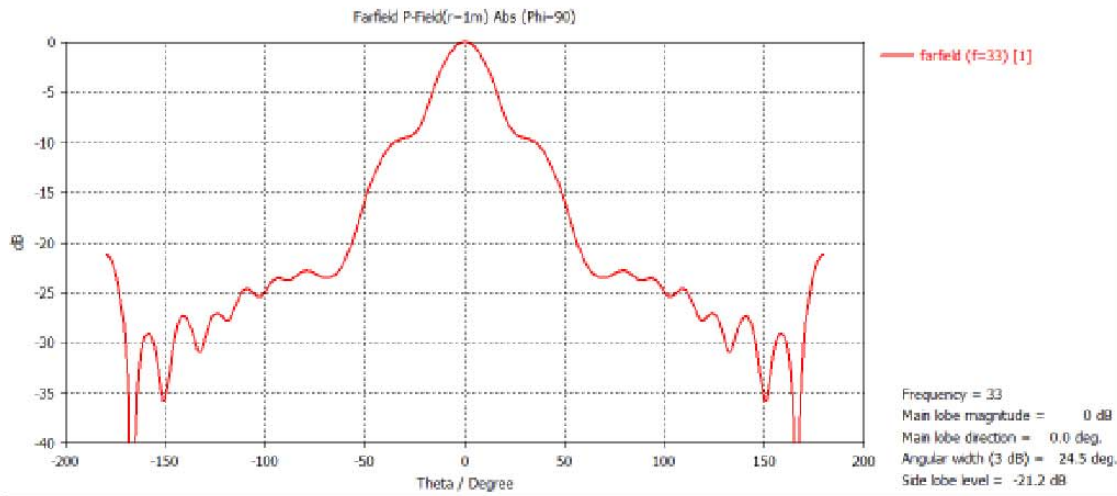
DORADO Millimeter Wave		MATERIAL:		DWG NO:	
		Copper		HA34-15	
SURFACE TREATMENT: Gold plated, inner		DWG BY:	Hu.Jiang	08.14.2020	SCALE
		CHK'D BY:			1:1
DESCRIPTION: Standard Gain Horn Antenna		APP'VD BY:			
		Unit:	mm[inch]	Tolerance:	The First:
				Liner: ±0.25	
				Anguar: ±0.5°	



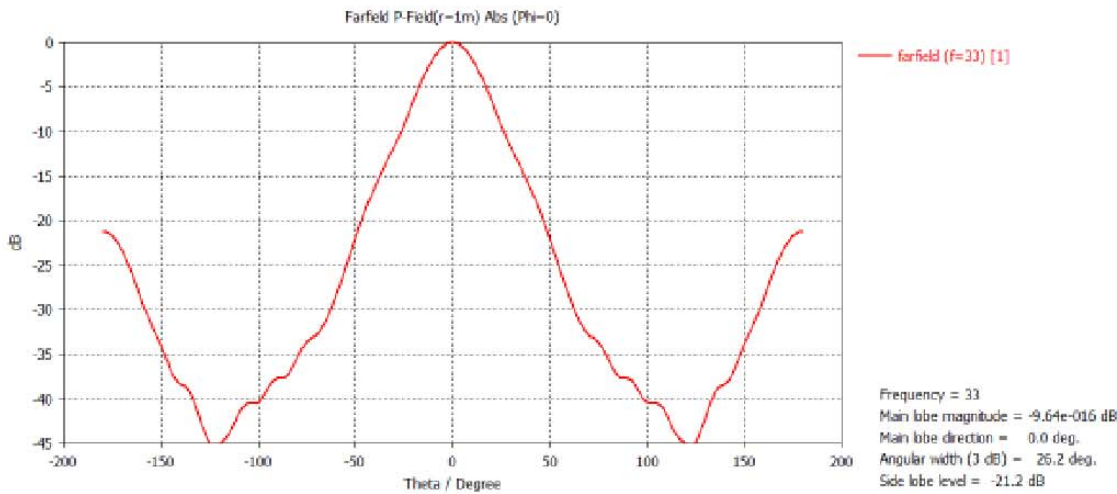
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Document No.	QR4-700-T-003	REV.	A/0	REV.	0	DESCRIPTION		REVISOR	Hu.Jiang	DATE	08.14.2020	APPROVED	HC.Qiu

33 GHz-E



33 GHz-H



Antenna Radiation Pattern

Freq. (GHz)	Angular With (3dB) (deg.)		Side lobe level (dB)
21.7	E	33.5	-12.4
21.7	H	36.0	-19.9
26	E	30.1	-13.2
26	H	31.2	-21.8
33	E	24.5	-21.2
33	H	26.2	-21.2



DORADO Millimeter Wave

MATERIAL:
Copper

DWG NO:
HA34-15

SURFACE TREATMENT:
Gold plated, inner

DWG BY: Hu.Jiang 08.14.2020 SCALE

CHK'D BY: APPV'D BY:

1:1

DESCRIPTION:
Standard Gain Horn
Antenna

Unit: mm[inch] Tolerance: Liner: ±0.25 The First: Angular: ±0.5° A4



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