

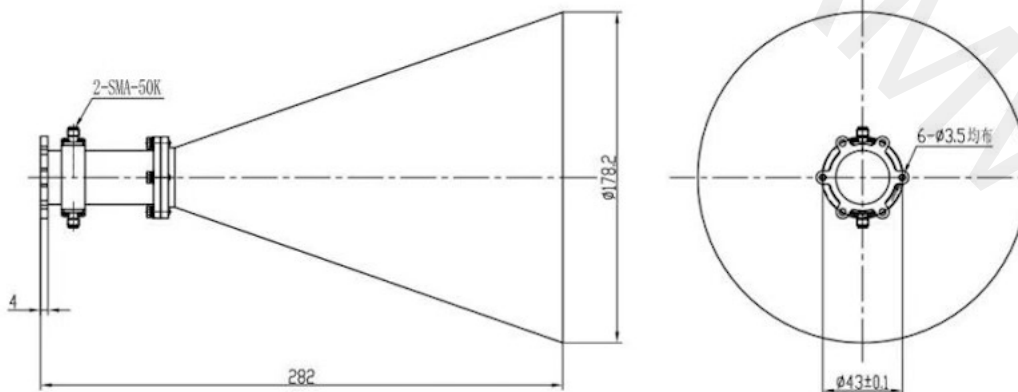


P/N: AMT-CP8085-D02-20S

Technique Specification

	Frequency Range(GHz)	8.0-8.5
	Gain(dBi)	20 Typ.
	Polarization	Dual Circular
	Axial Ratio(dB)	0.9 Max.
	Impedance (Ω)	50
	Connector	SMA-Female
	VSWR	1.2 Max.
	Material	Al
	Size(mm)	180 x 285 approx.
	Weight(g)	400

Outline(mm):





Test Result

Gain

LHCP		
Beam#	Frequency	Gain
1	8.00	20.2
2	8.05	20.4
3	8.10	20.4
4	8.15	20.6
5	8.20	20.5
6	8.25	20.6
7	8.30	20.6
8	8.35	20.6
9	8.40	20.6
10	8.45	20.8
11	8.50	20.9
RHCP		
Beam#	Frequency	Gain
1	8.00	20.2
2	8.05	20.3
3	8.10	20.3
4	8.15	20.5
5	8.20	20.5
6	8.25	20.5
7	8.30	20.5
8	8.35	20.5
9	8.40	20.5
10	8.45	20.7
11	8.50	20.8



LHCP Beamwidth

L-AZ			
Beam#	Frequency	3 dB BW	6 dB BW
1	8.00	15.20	22.24
2	8.05	15.06	21.95
3	8.10	14.97	21.76
4	8.15	14.84	21.58
5	8.20	14.78	21.48
6	8.25	14.74	21.46
7	8.30	14.74	21.56
8	8.35	14.62	21.55
9	8.40	14.59	21.48
10	8.45	14.43	21.28
11	8.50	14.39	21.20
L-EL			
Beam#	Frequency	3 dB BW	6 dB BW
1	8.00	14.94	21.78
2	8.05	14.84	21.68
3	8.10	14.80	21.53
4	8.15	14.57	21.18
5	8.20	14.47	20.97
6	8.25	14.40	20.84
7	8.30	14.29	20.77
8	8.35	14.14	20.76
9	8.40	14.13	20.72
10	8.45	14.15	20.70
11	8.50	14.17	20.62



RHCP Beamwidth

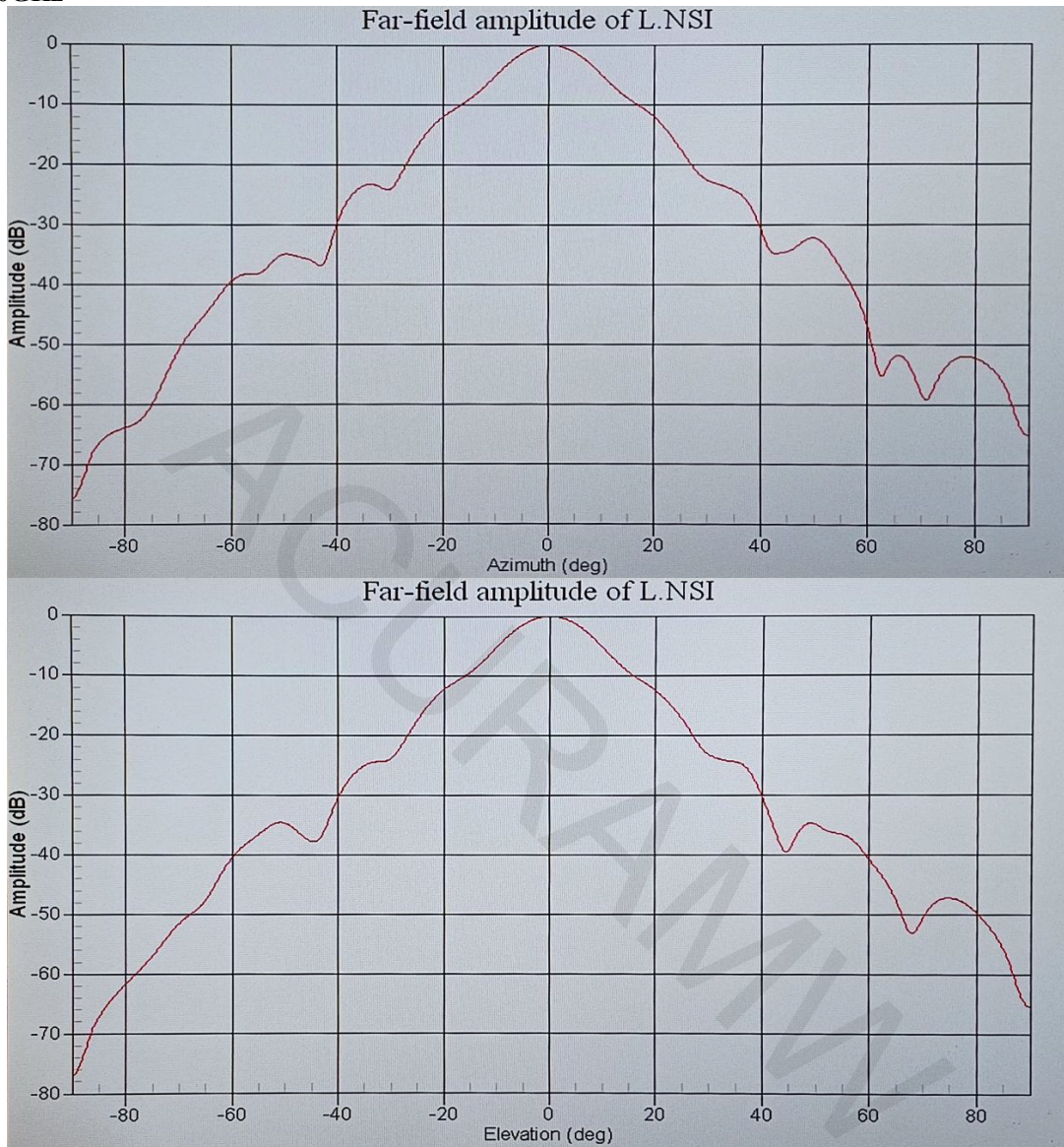
R-AZ			
Beam#	Frequency	3 dB BW	6 dB BW
1	8.00	15.14	22.23
2	8.05	14.98	22.01
3	8.10	15.02	21.96
4	8.15	14.97	21.81
5	8.20	14.85	21.66
6	8.25	14.84	21.62
7	8.30	14.88	21.74
8	8.35	14.81	21.76
9	8.40	14.80	21.76
10	8.45	14.70	21.54
11	8.50	14.60	21.34
R -EL			
Beam#	Frequency	3 dB BW	6 dB BW
1	8.00	14.85	21.65
2	8.05	14.77	21.56
3	8.10	14.78	21.46
4	8.15	14.63	21.24
5	8.20	14.50	21.03
6	8.25	14.46	20.91
7	8.30	14.38	20.93
8	8.35	14.28	20.92
9	8.40	14.28	20.93
1C	8.45	14.29	20.90
11	8.50	14.27	20.74



Pattern

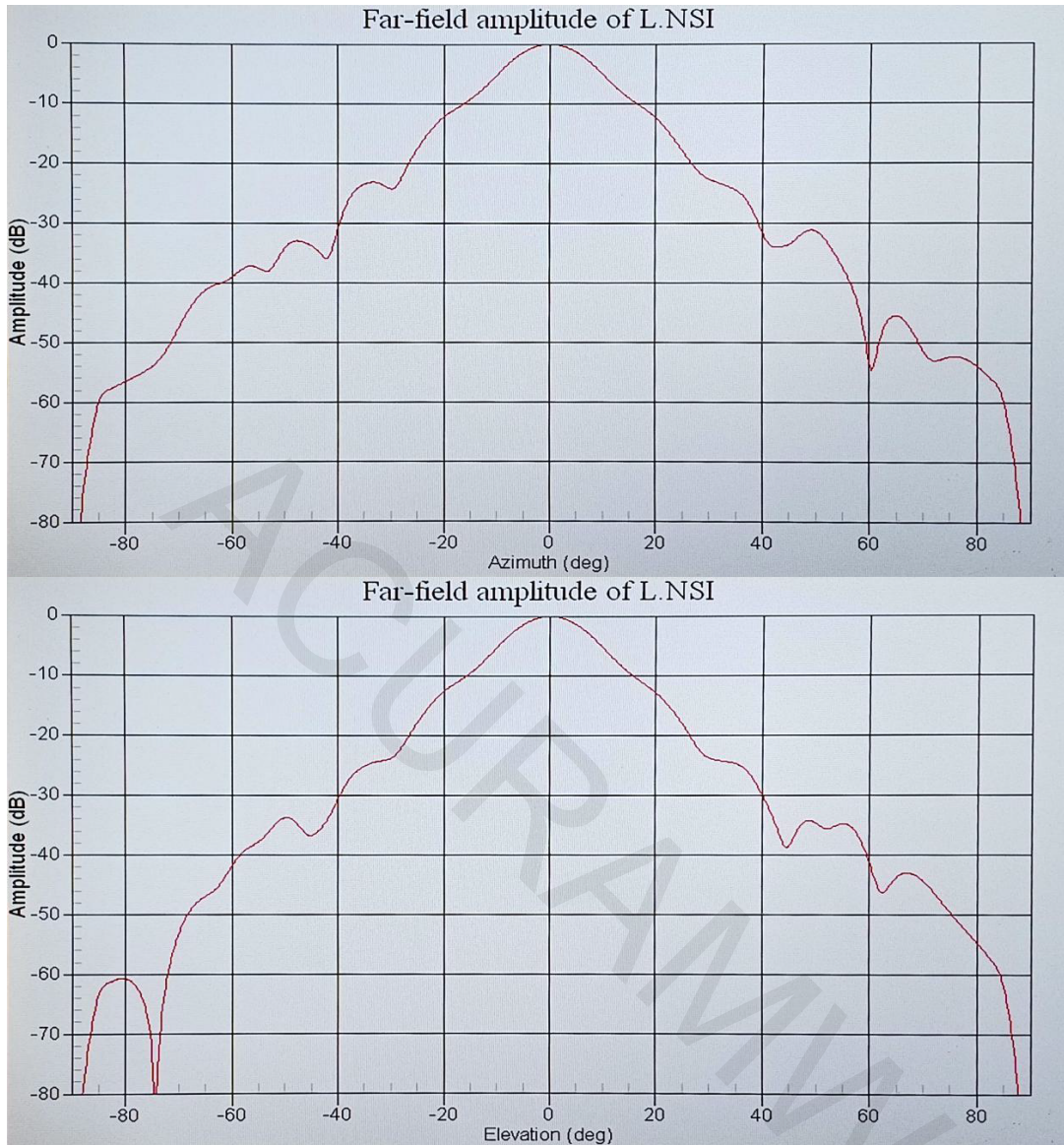
LHCP

8.00GHz



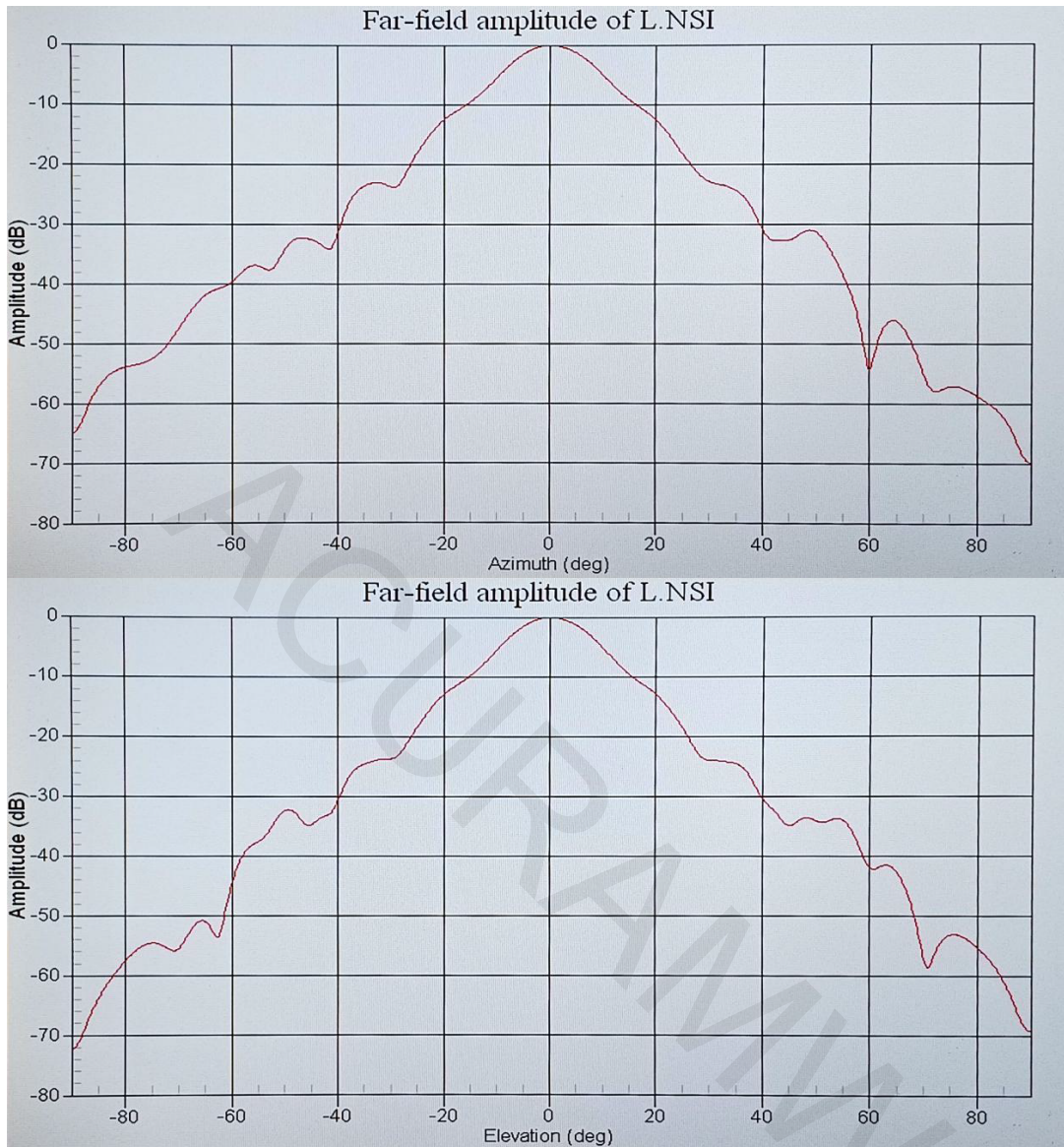


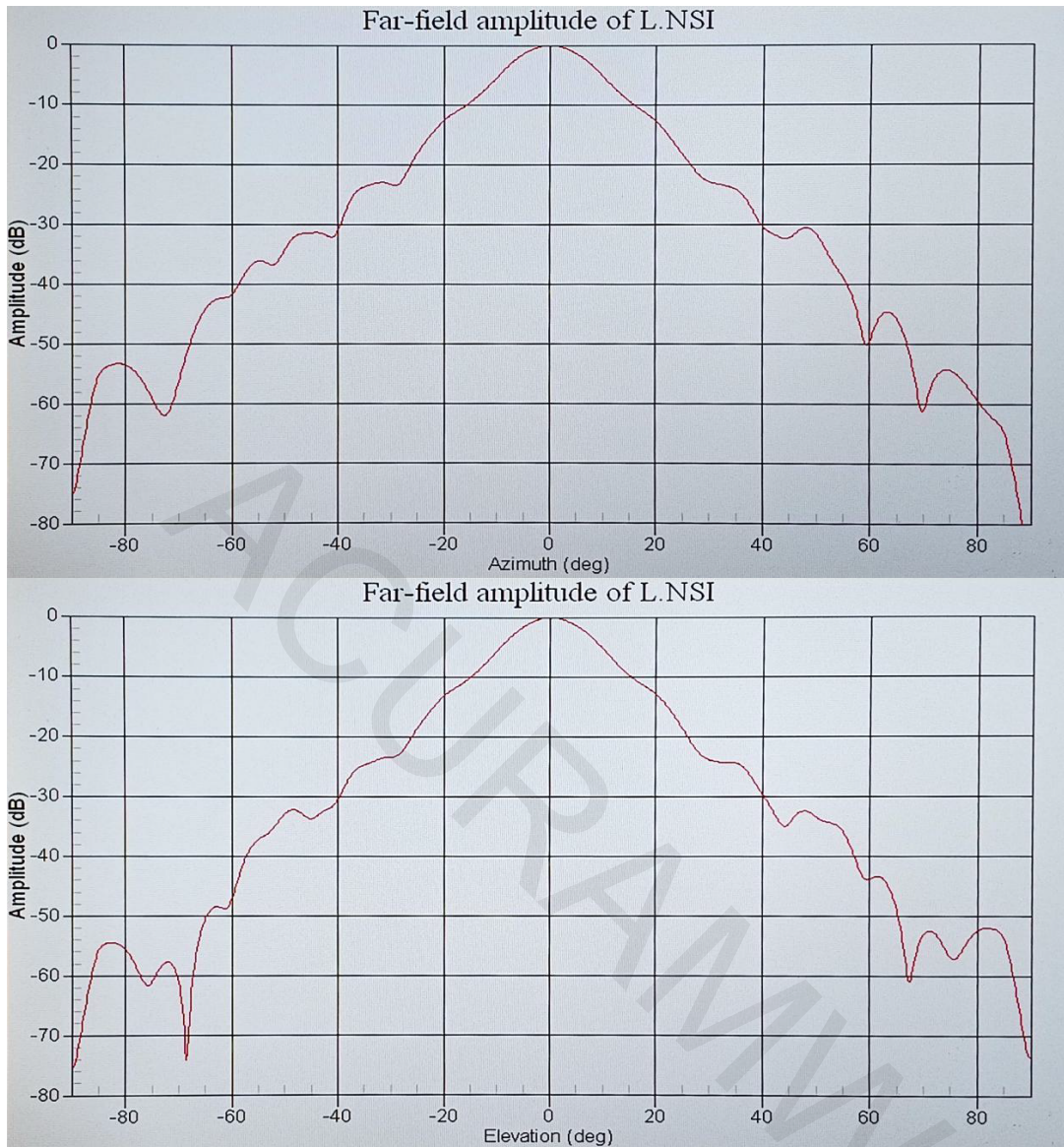
8.05 GHz





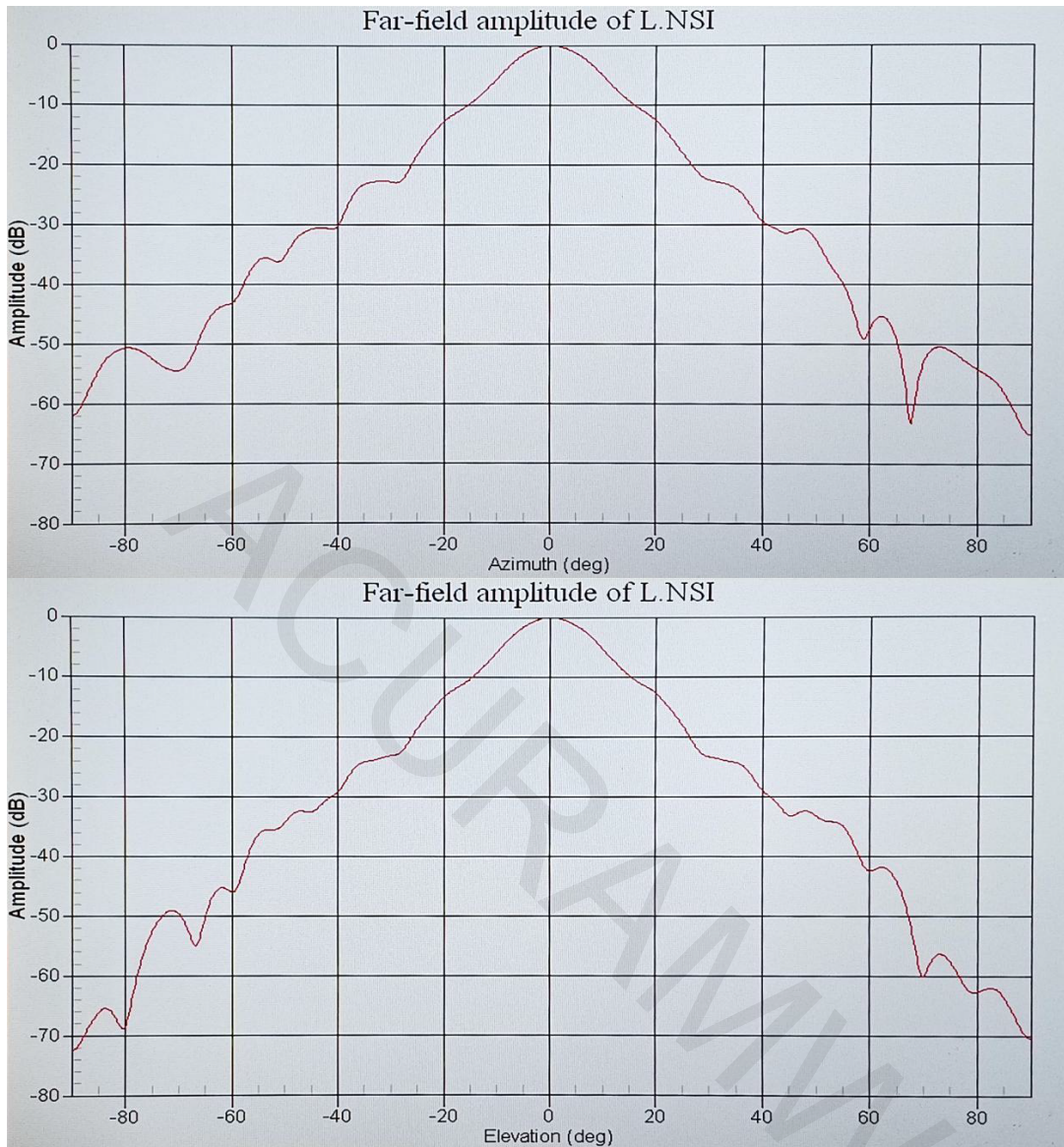
8.10 GHz

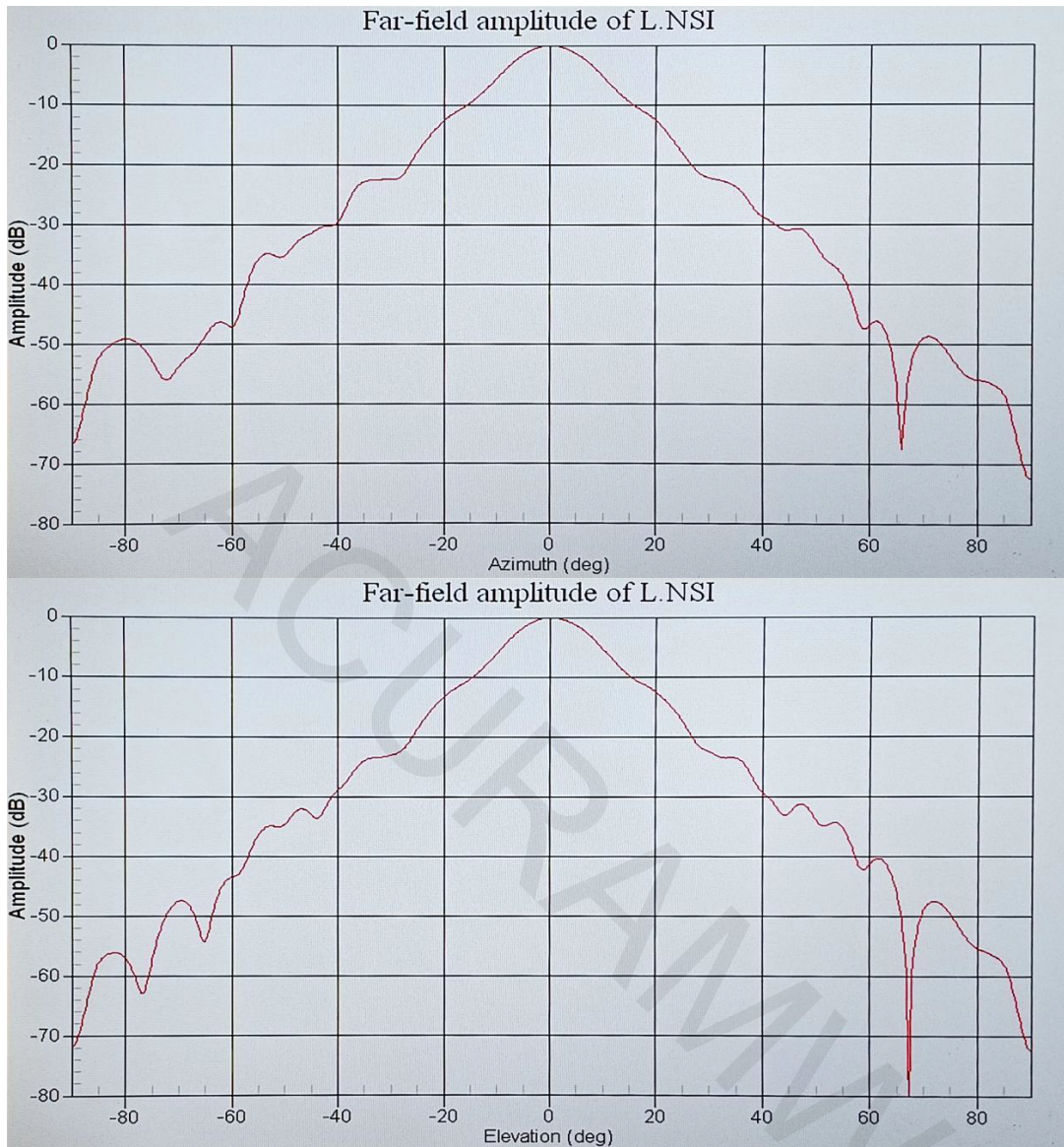


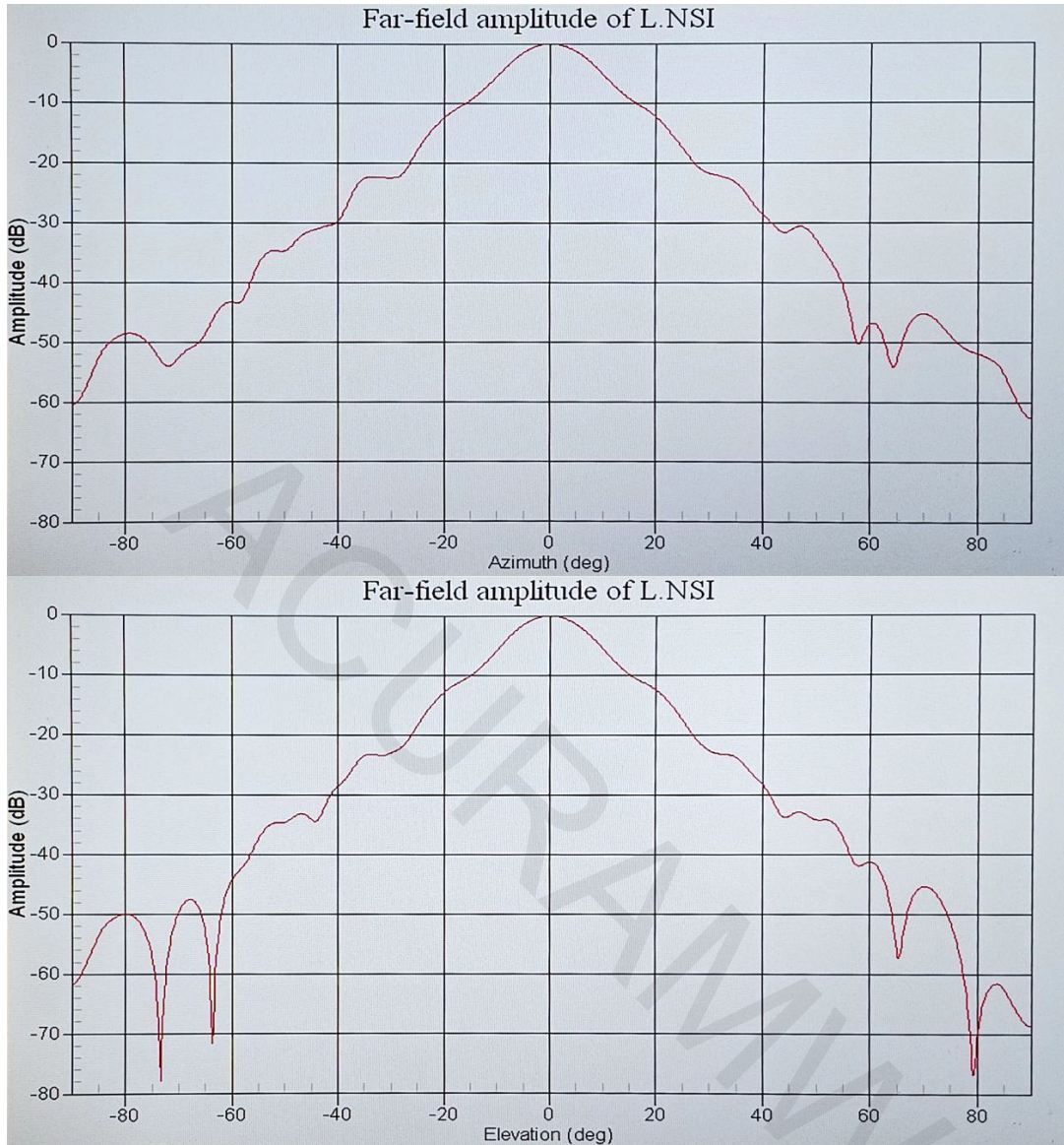


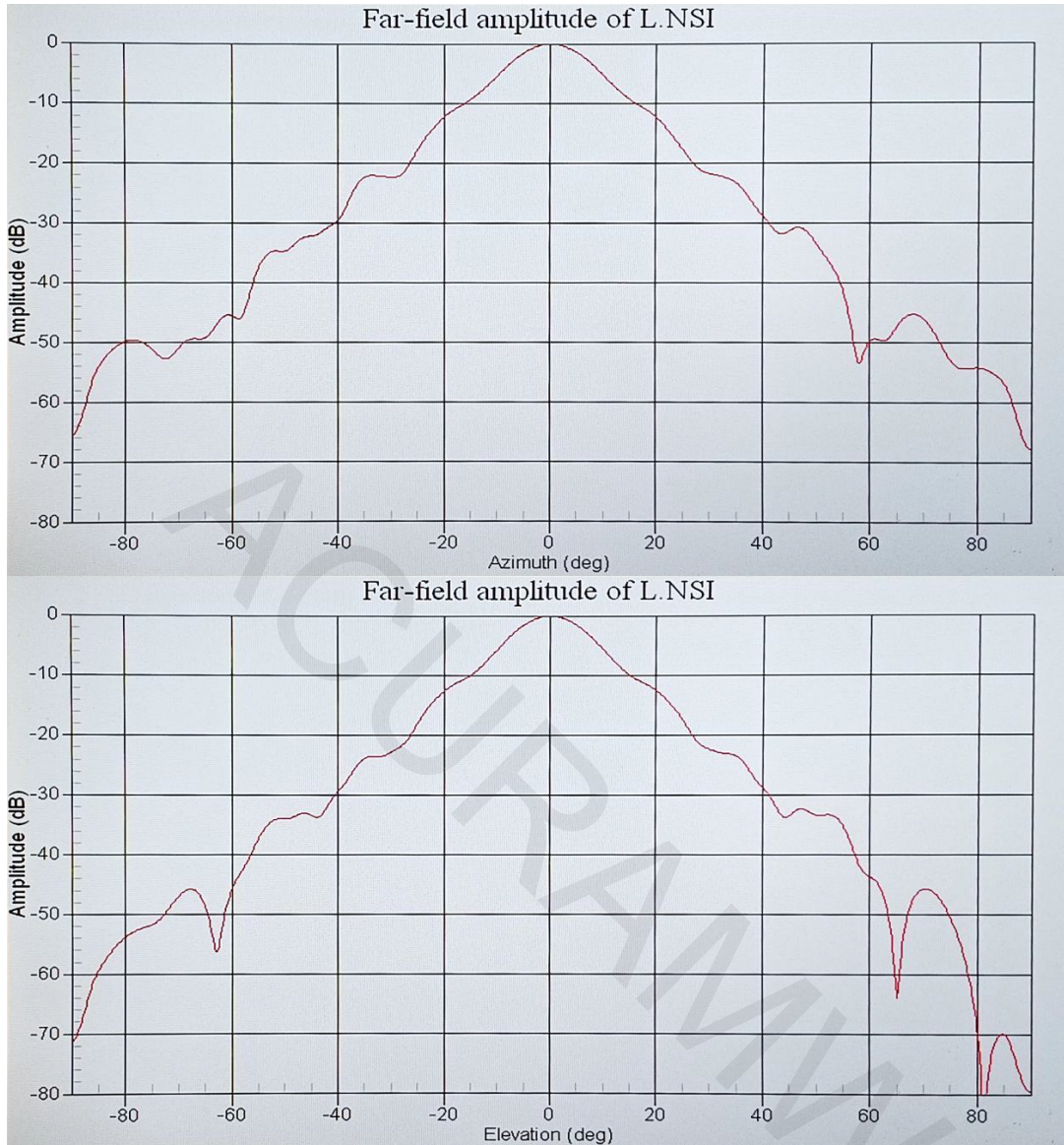


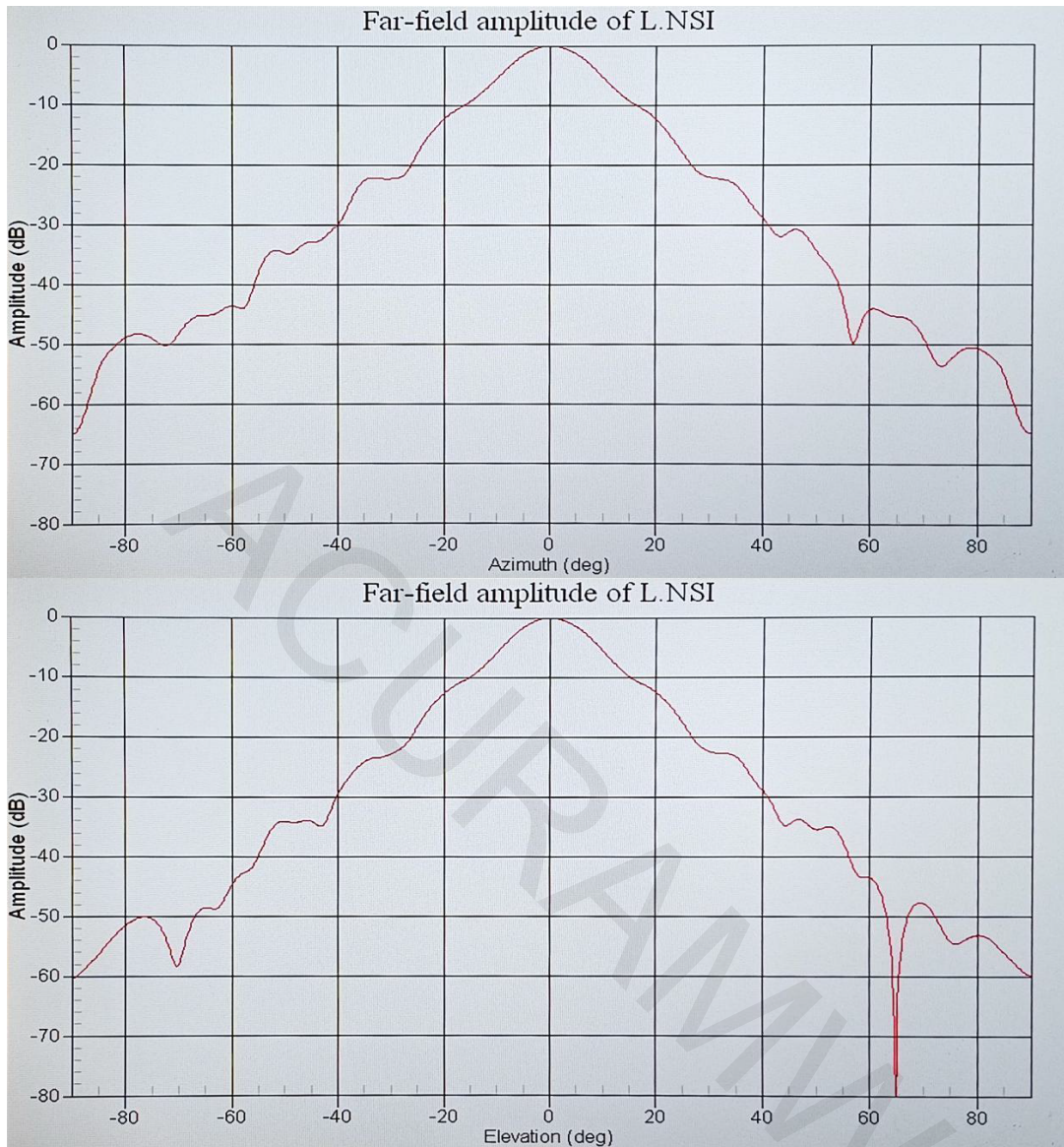
8.20 GHz

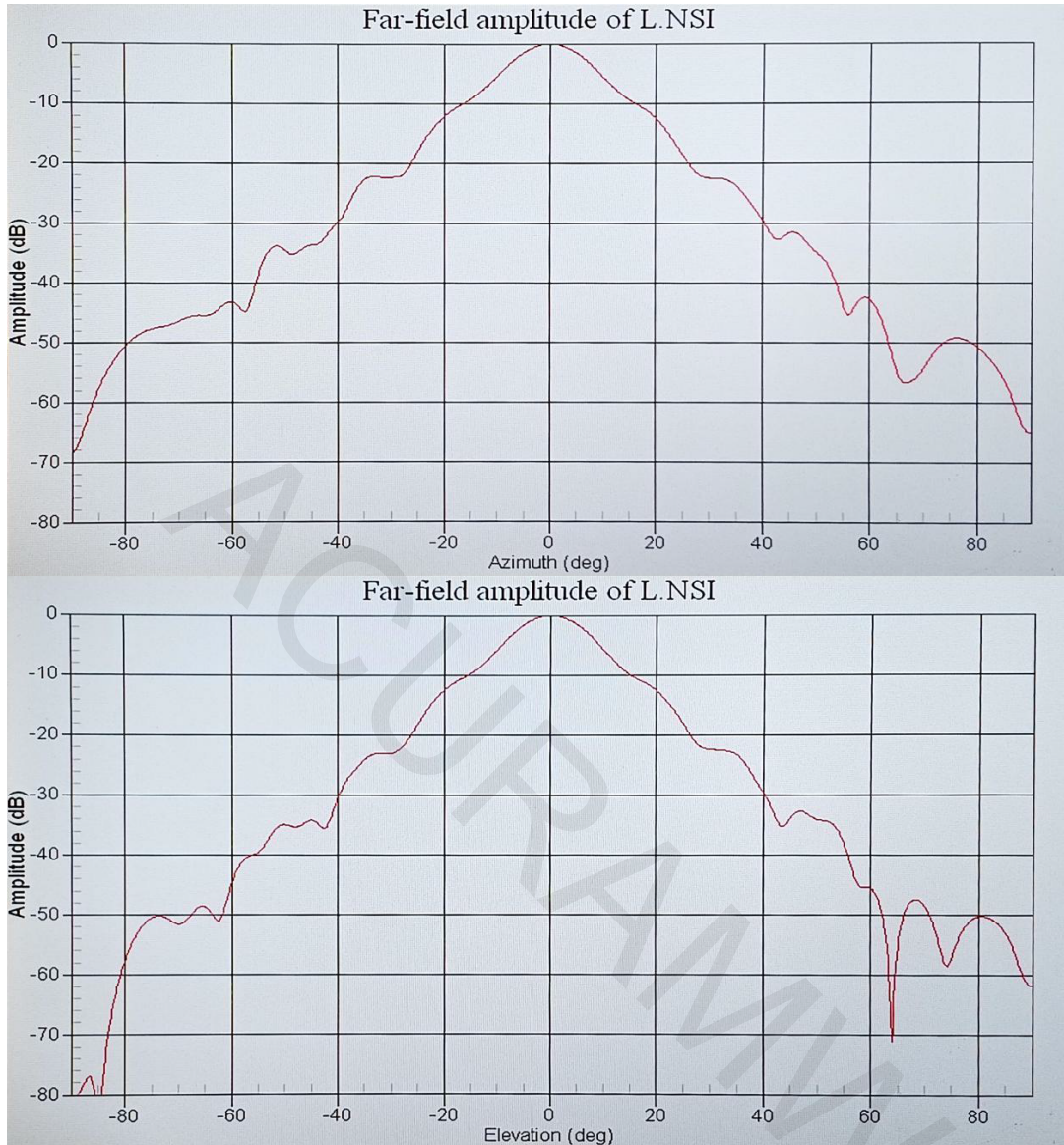














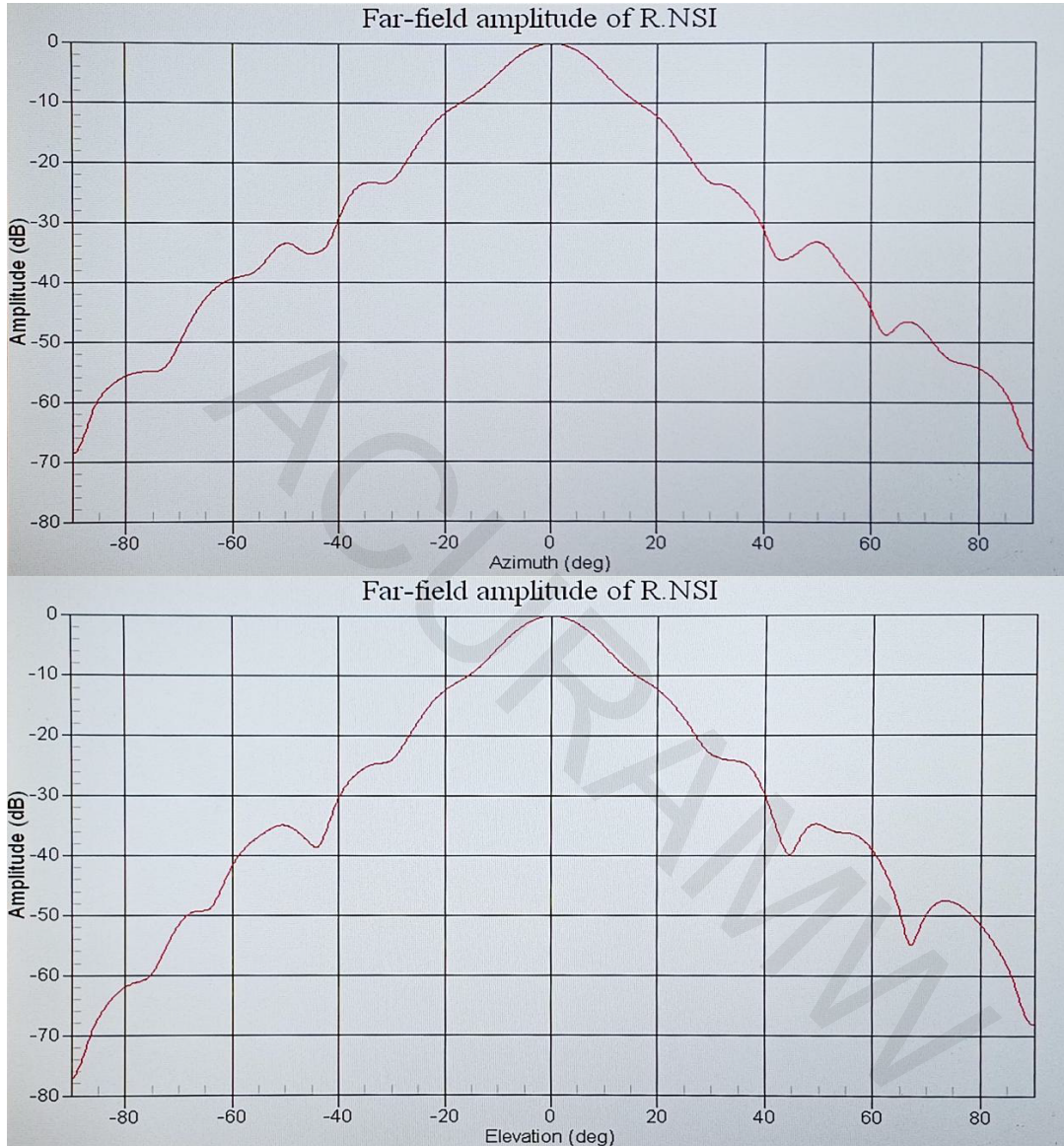
8.50 GHz





RHCP

8.00 GHz





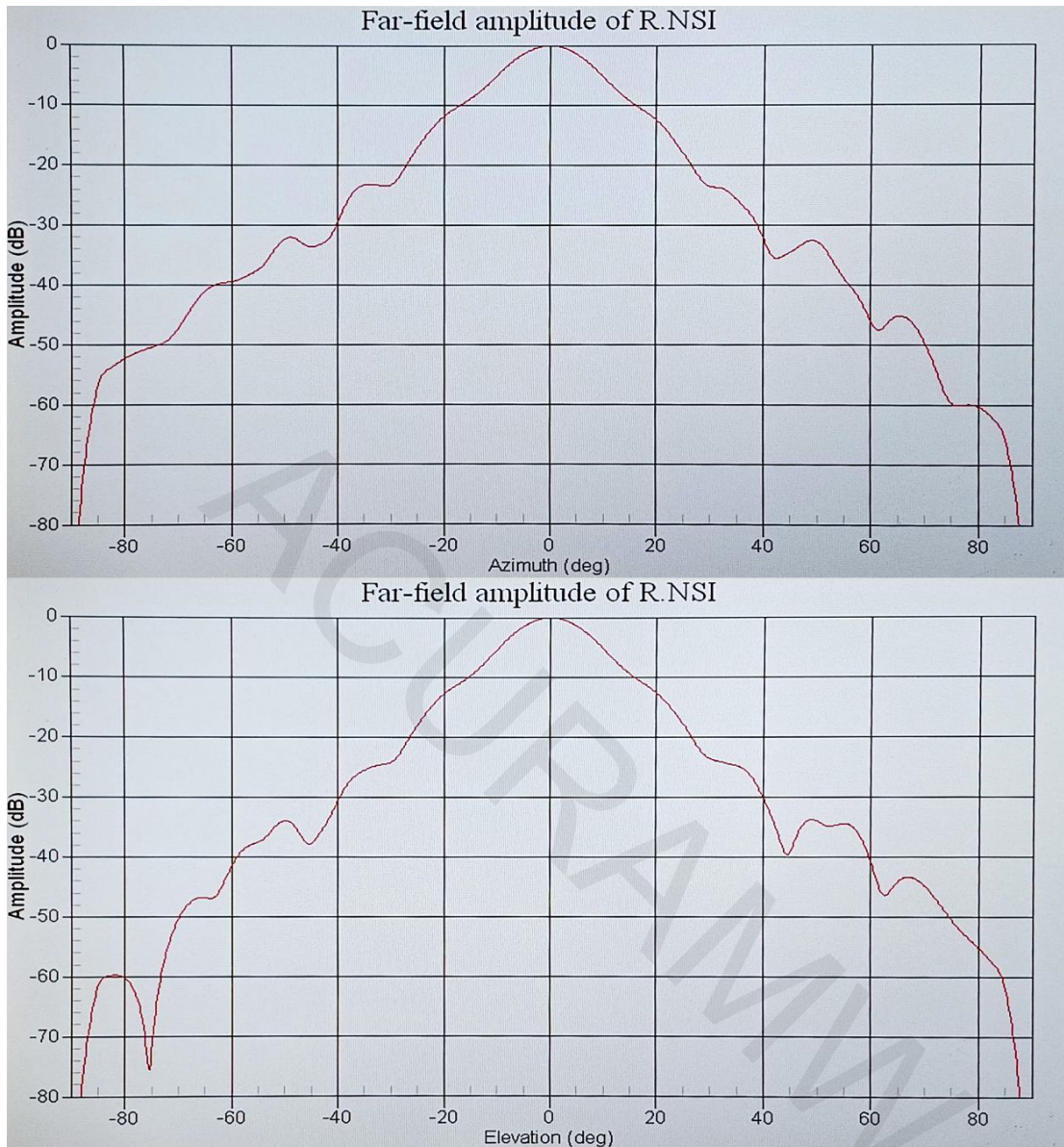
Acura Microwave Tech

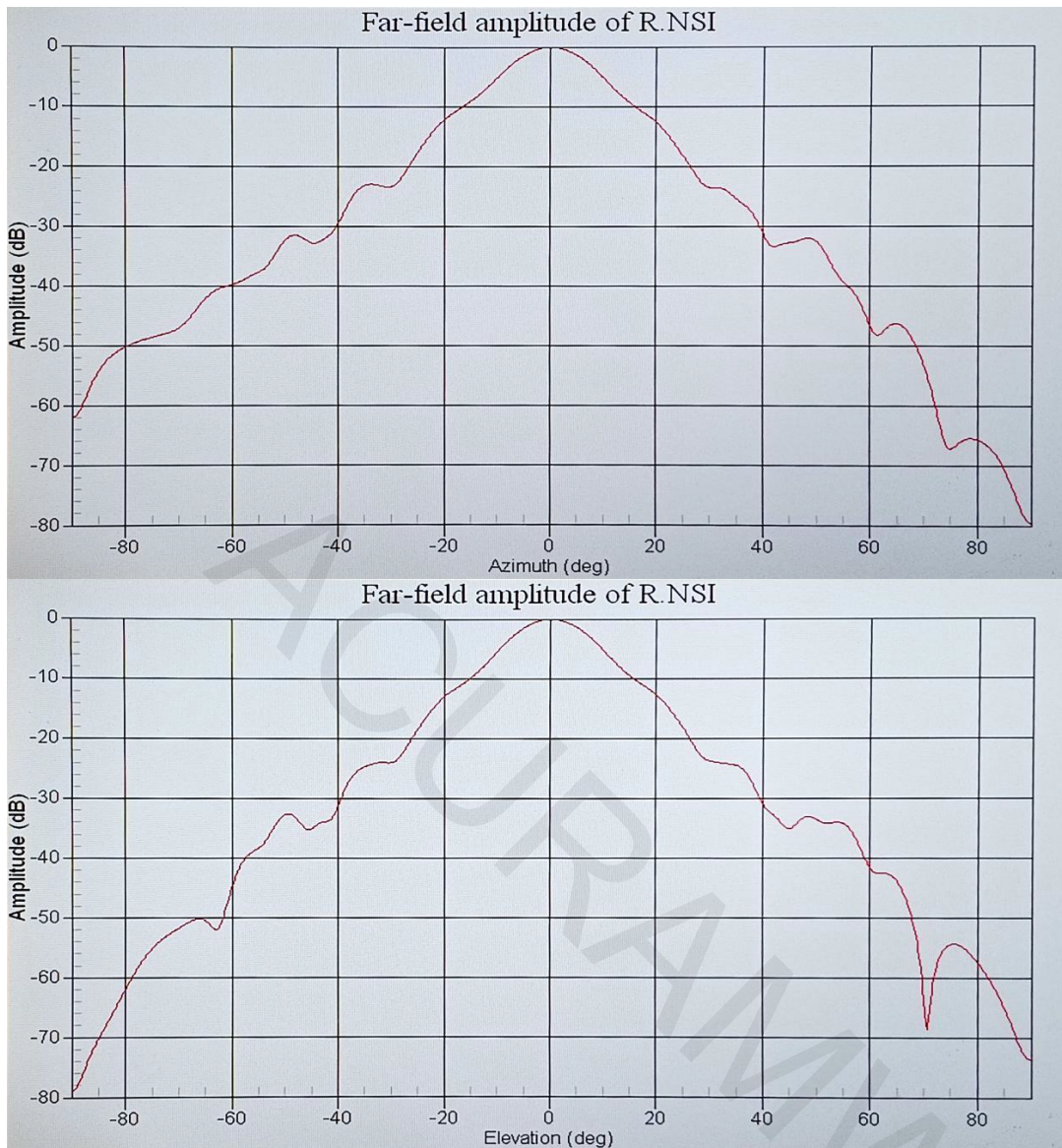
Dual Circular Polarization Horn Antenna

8.0-8.5GHz , SMA-female

S/N : 200028223/224

ACURAMW





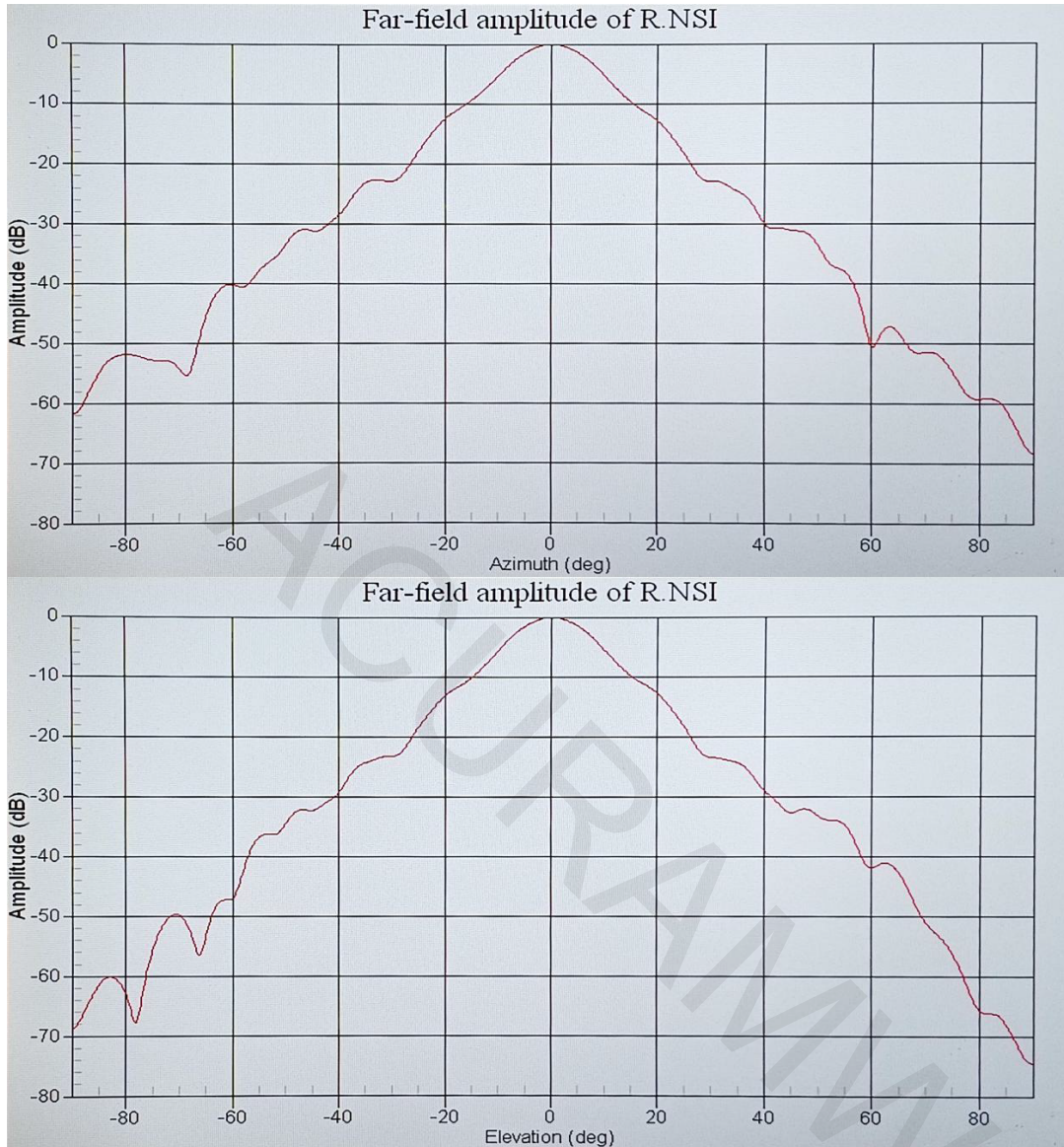


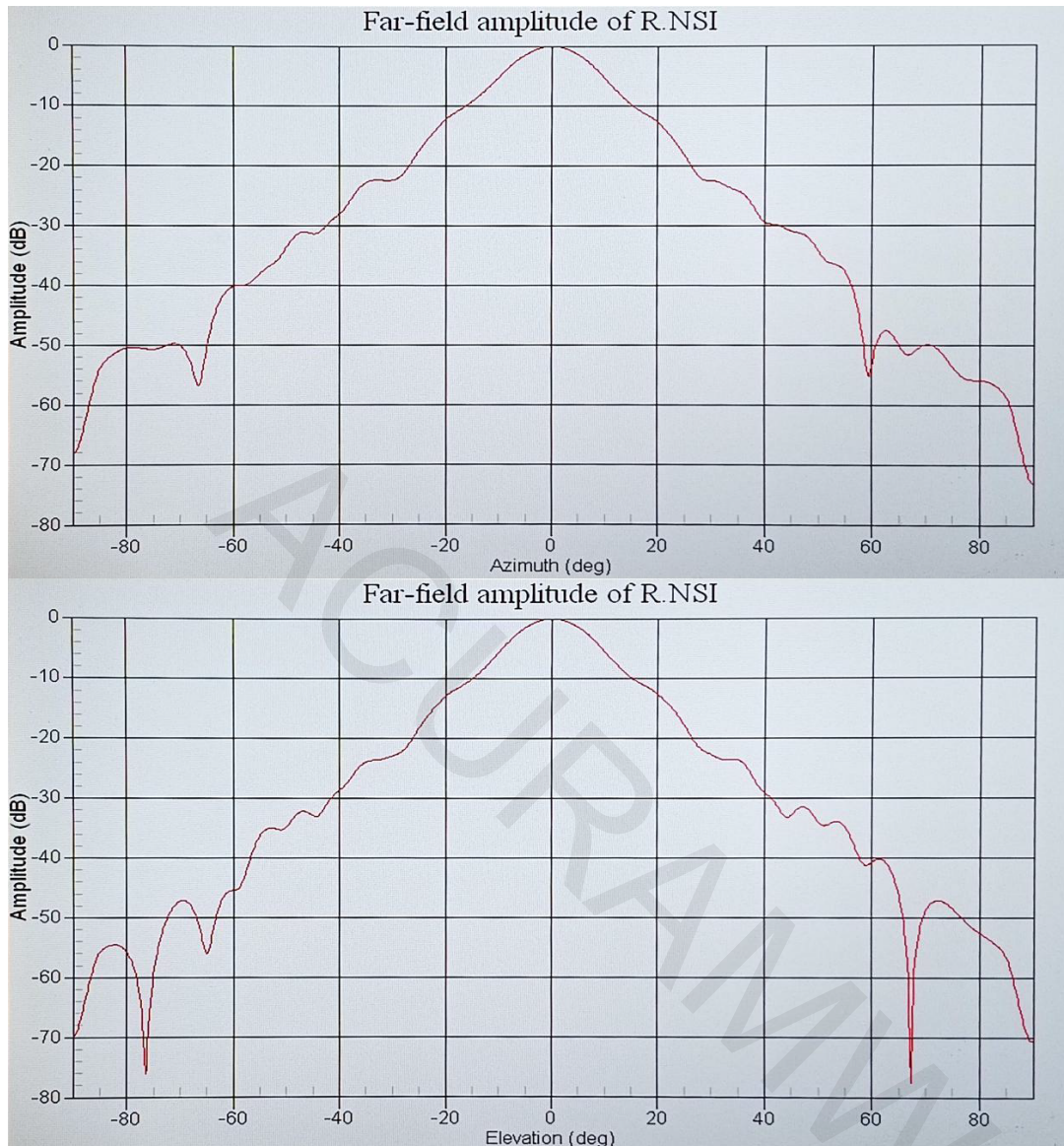
8.15 GHz

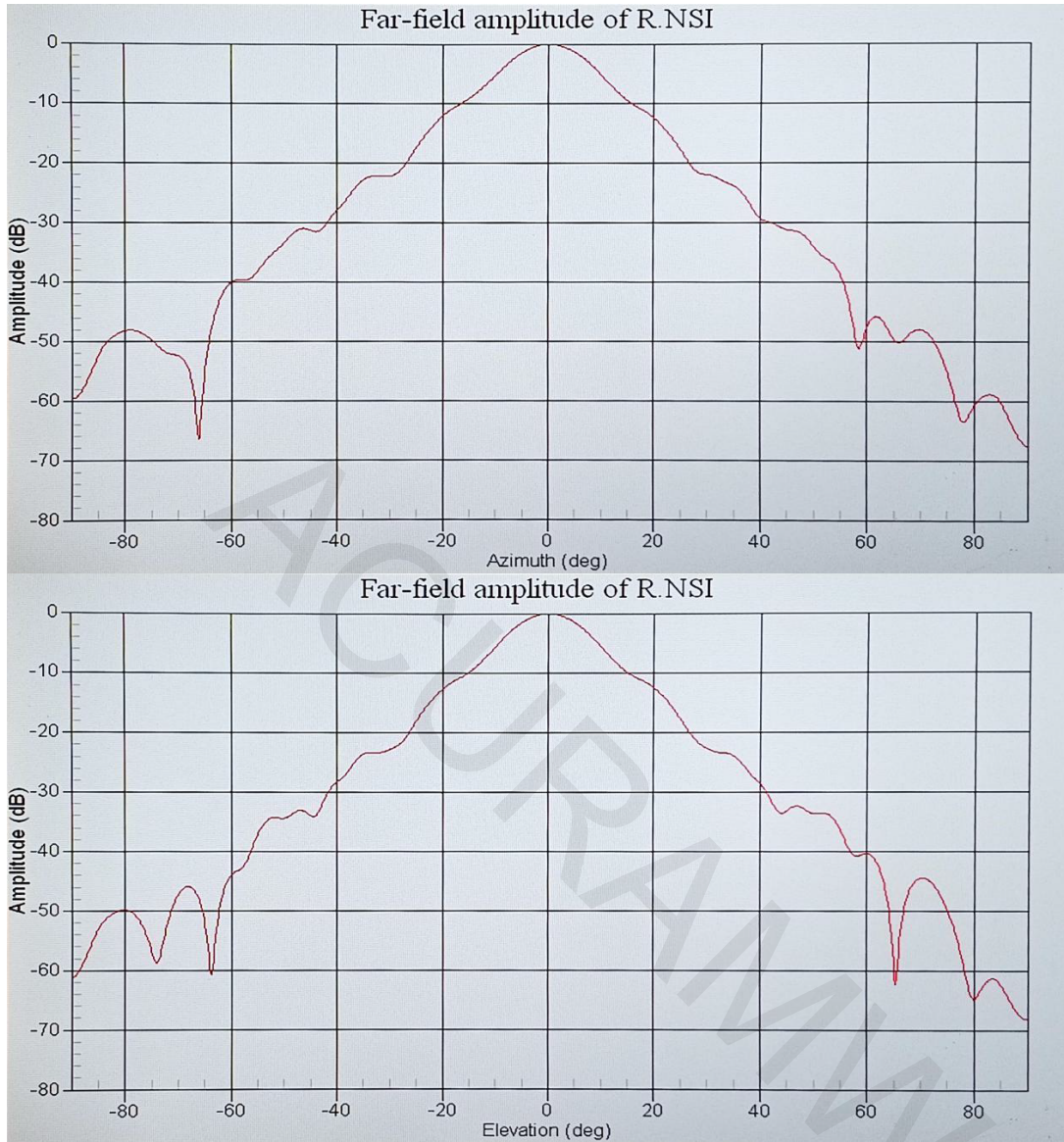


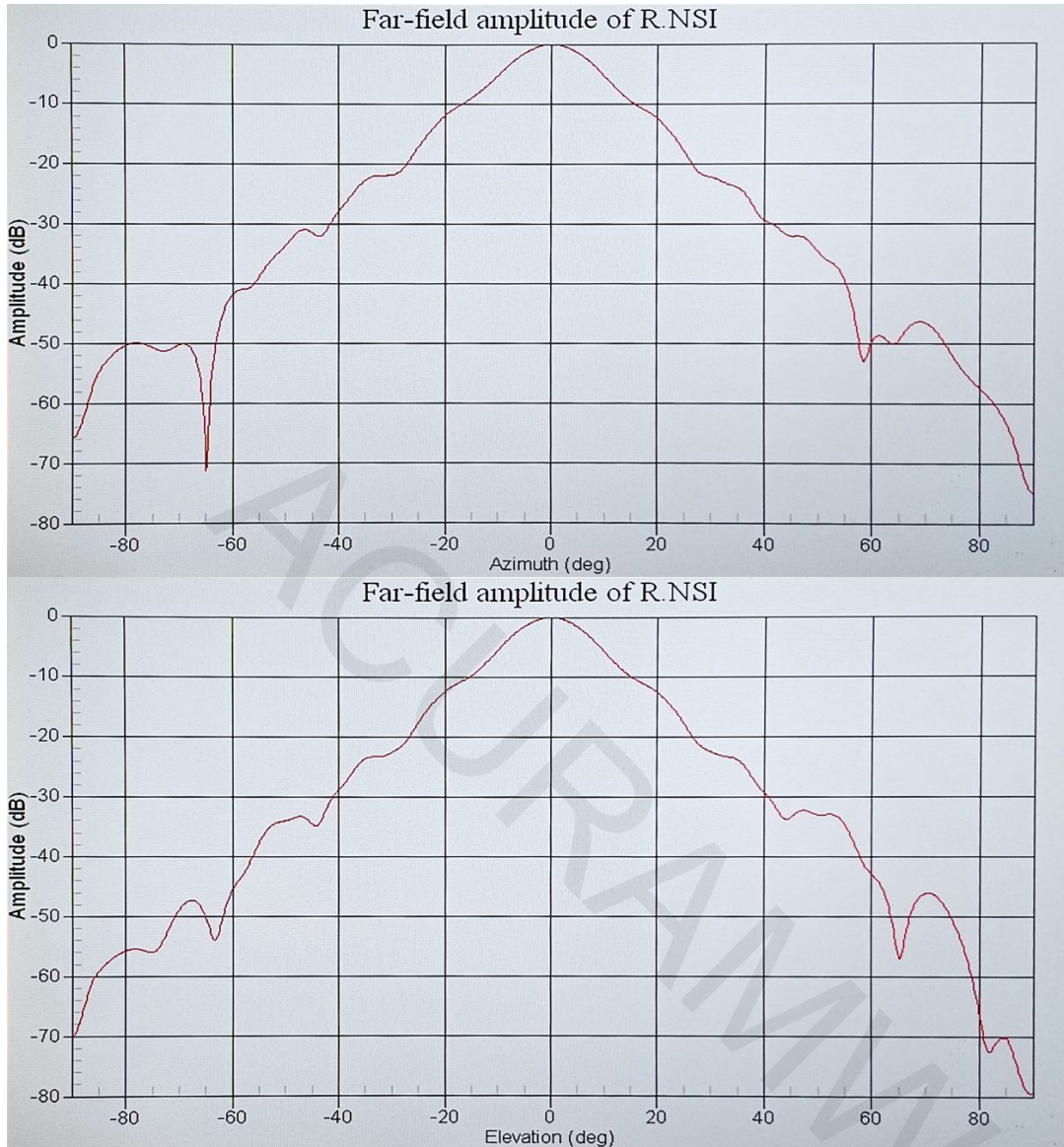


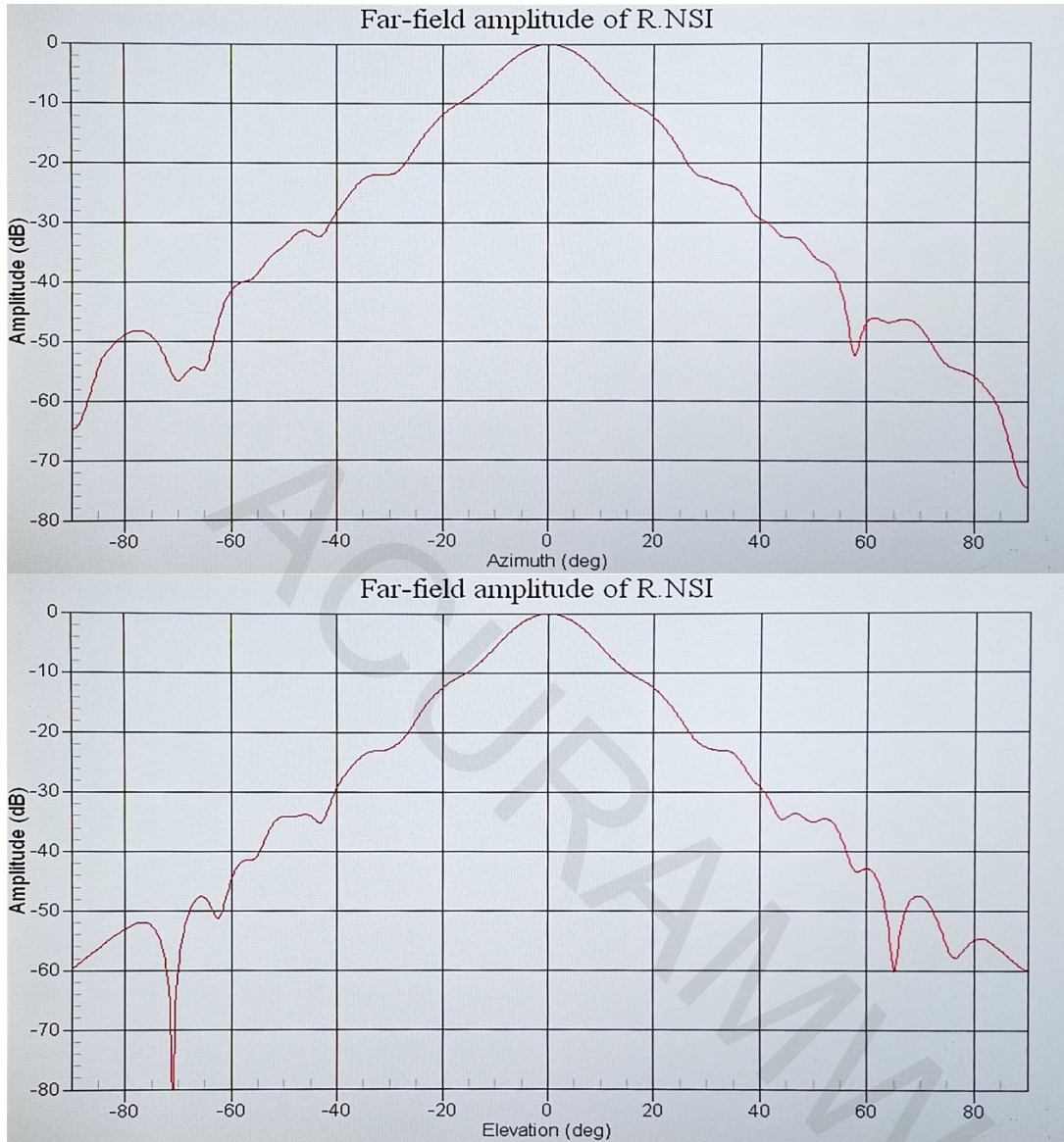
8.20 GHz

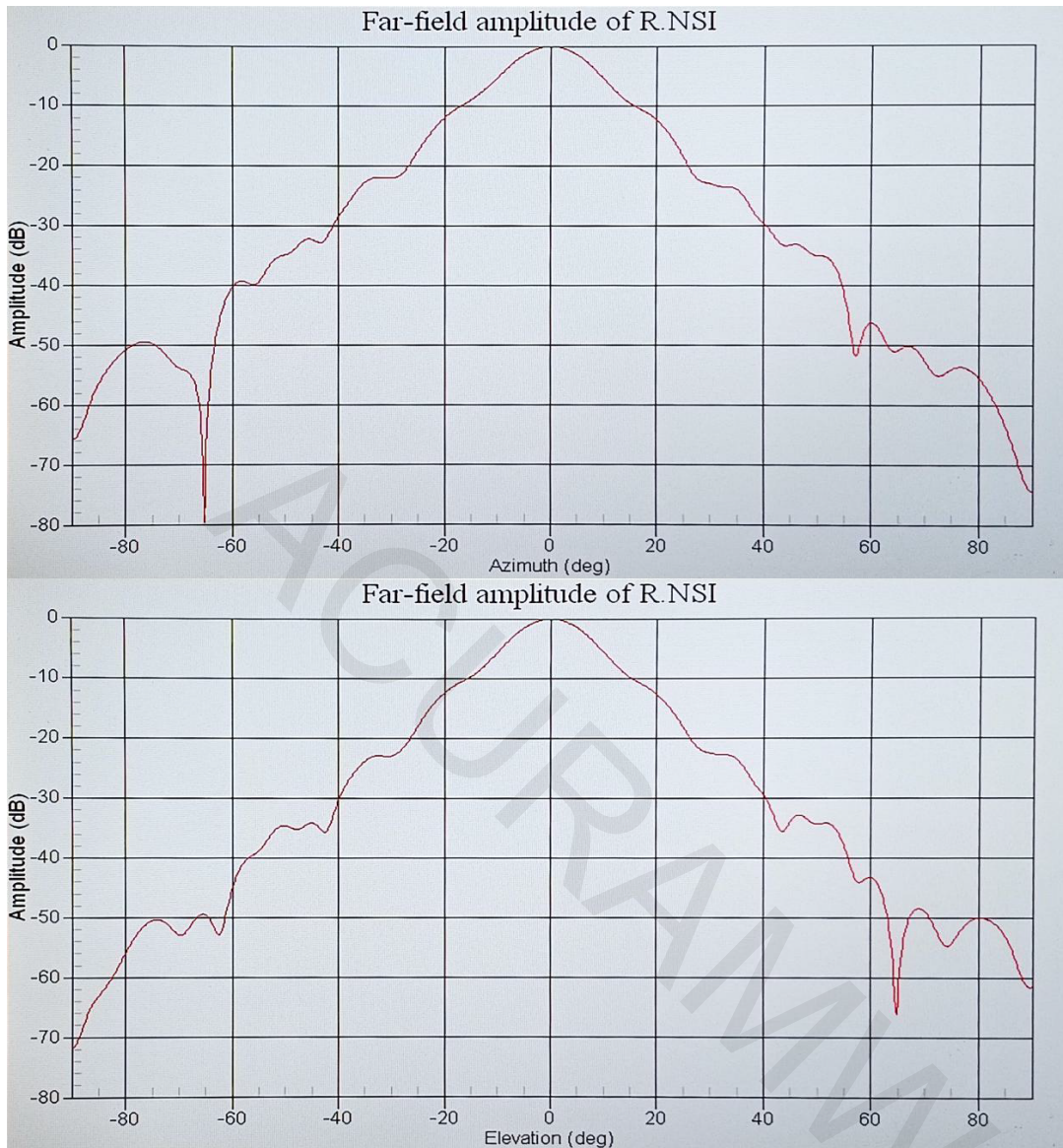






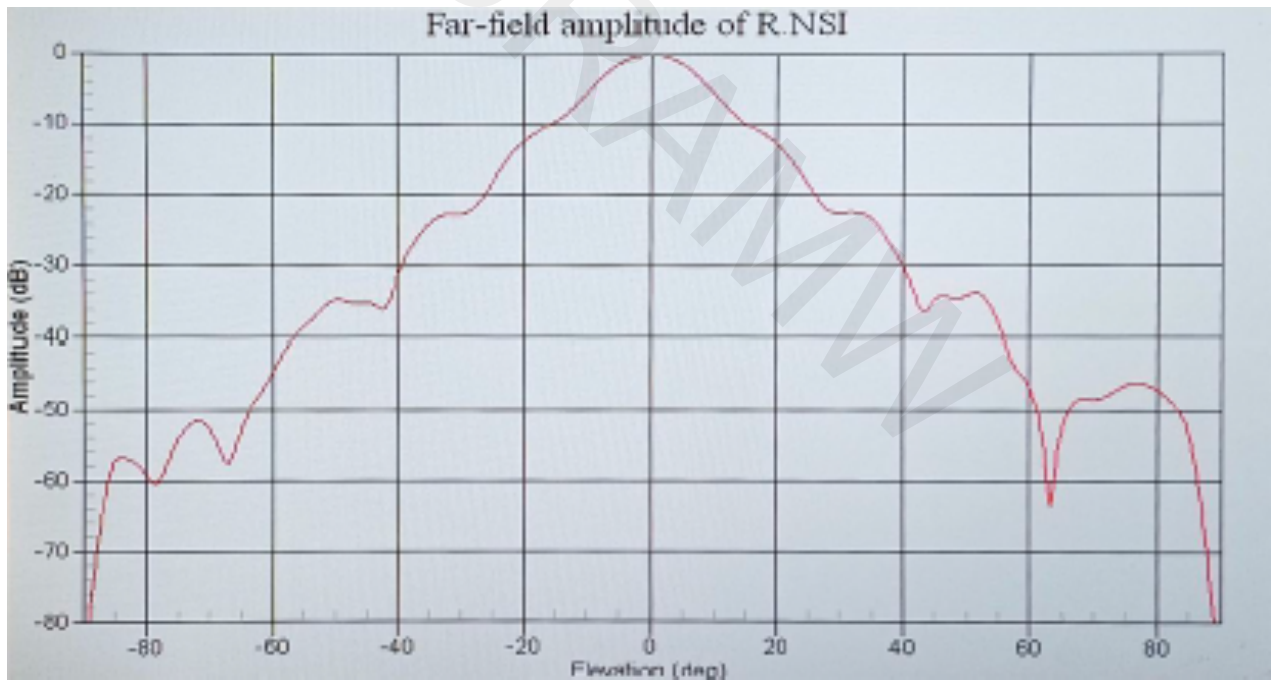
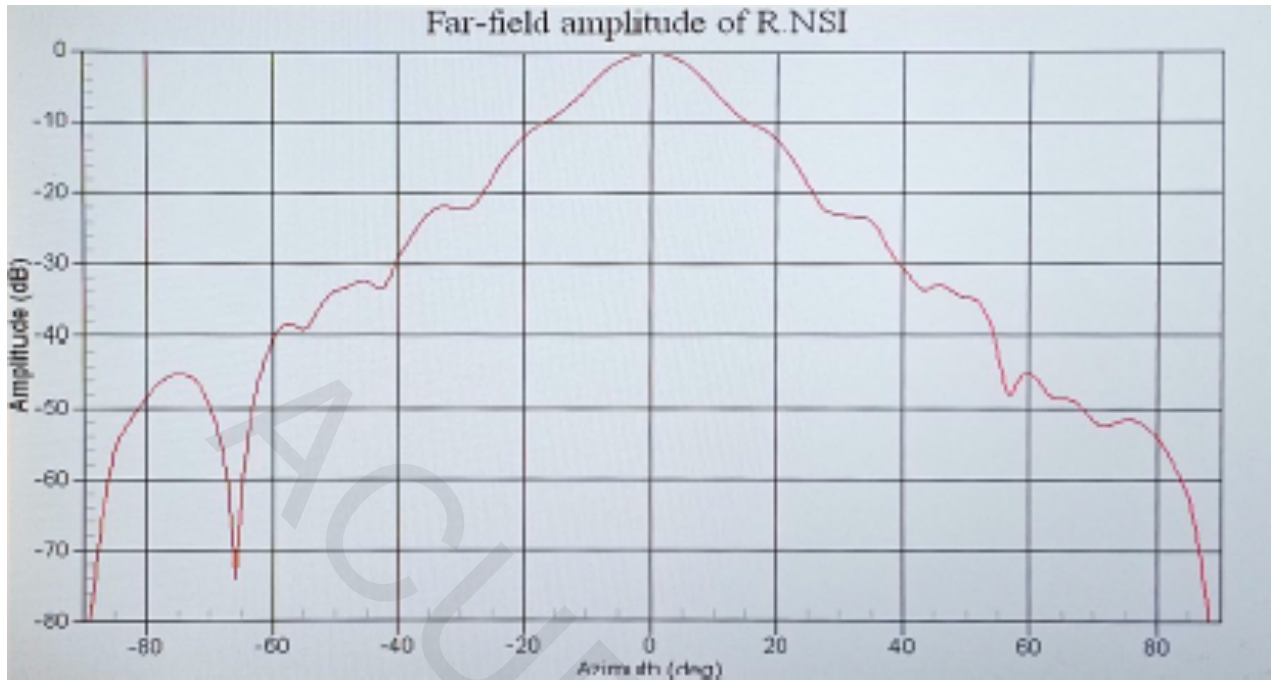








8.50 GHz

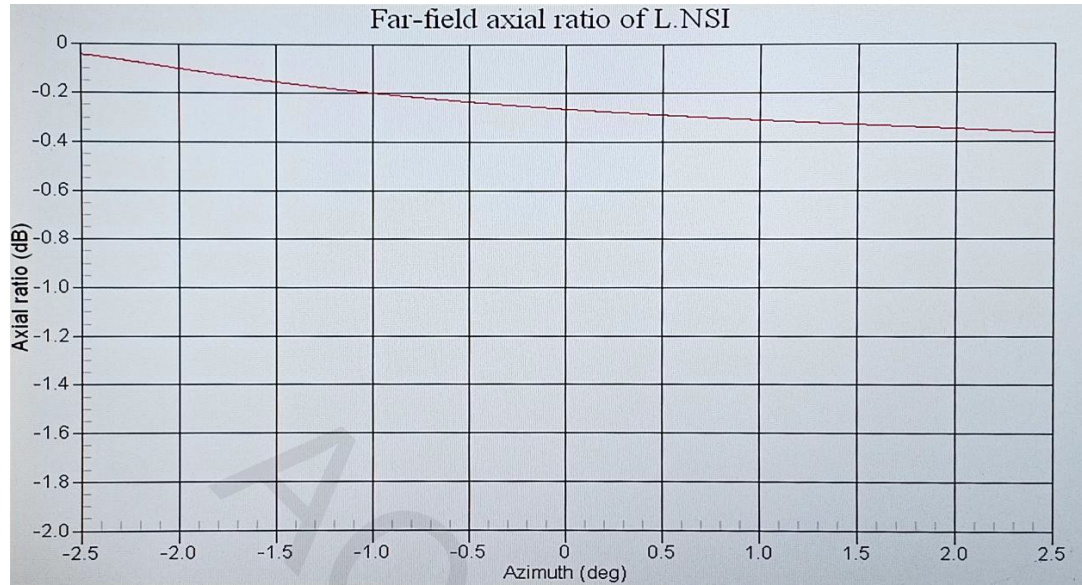


4

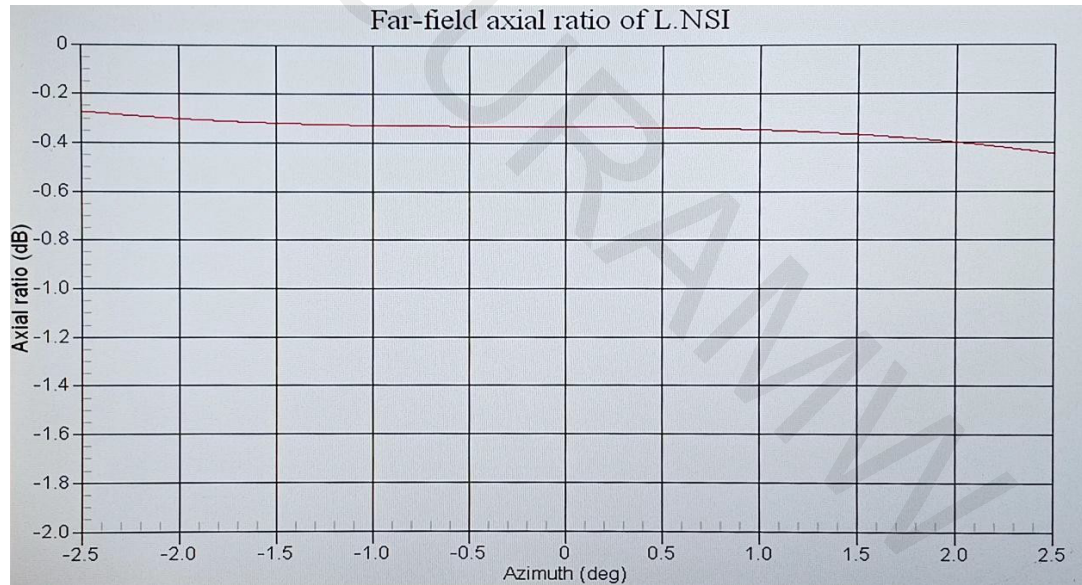


Axial Ratio

8.00 GHz

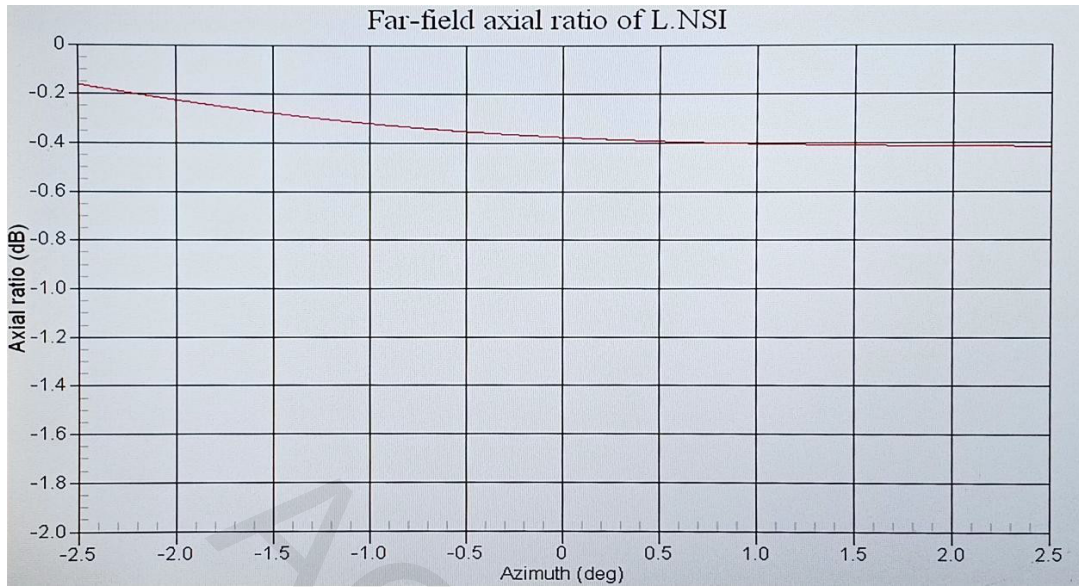


8.05 GHz

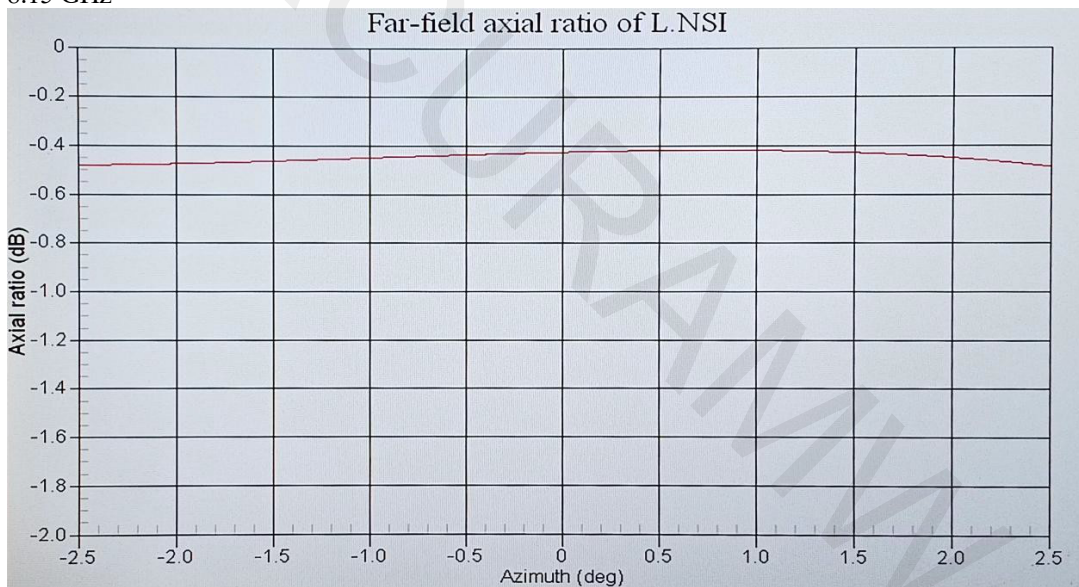




8.10 GHz

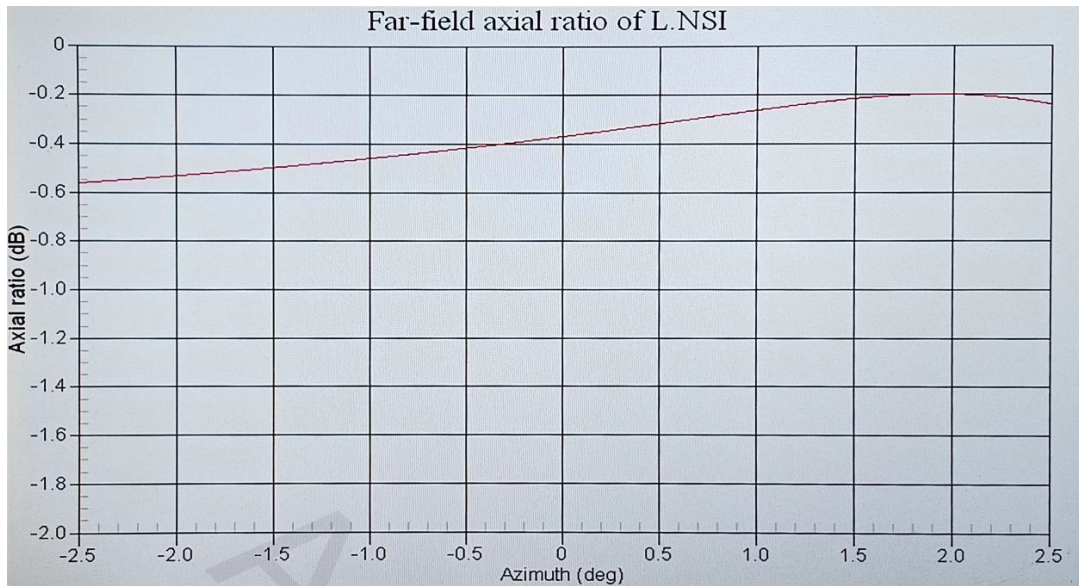


8.15 GHz

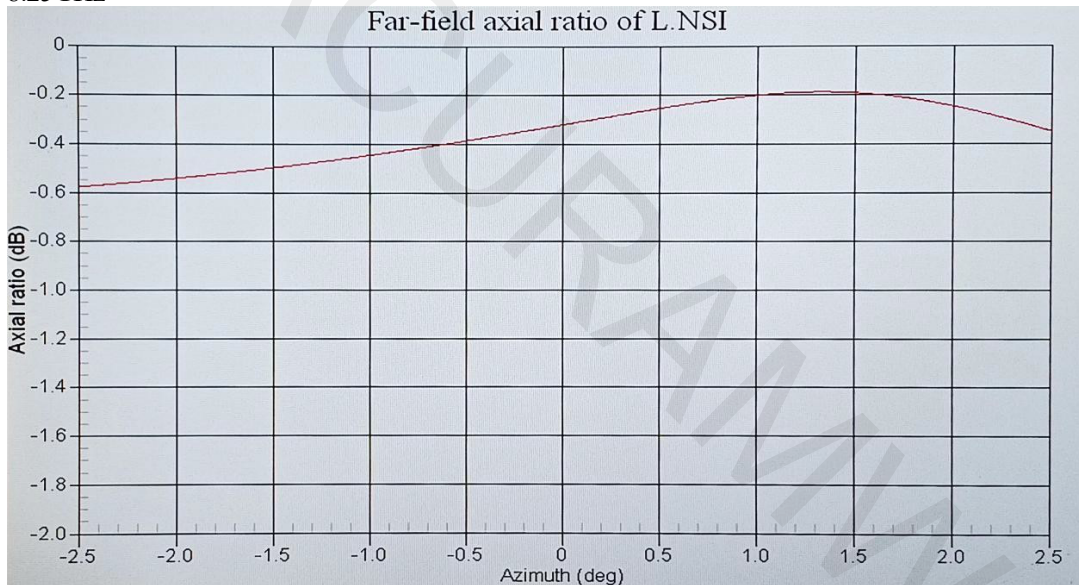




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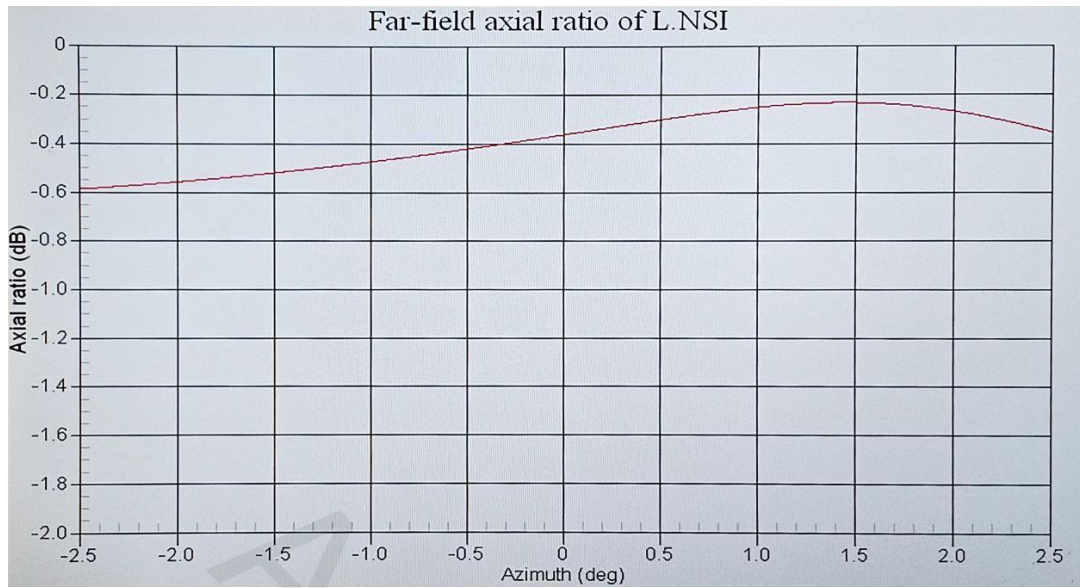


8.25GHz

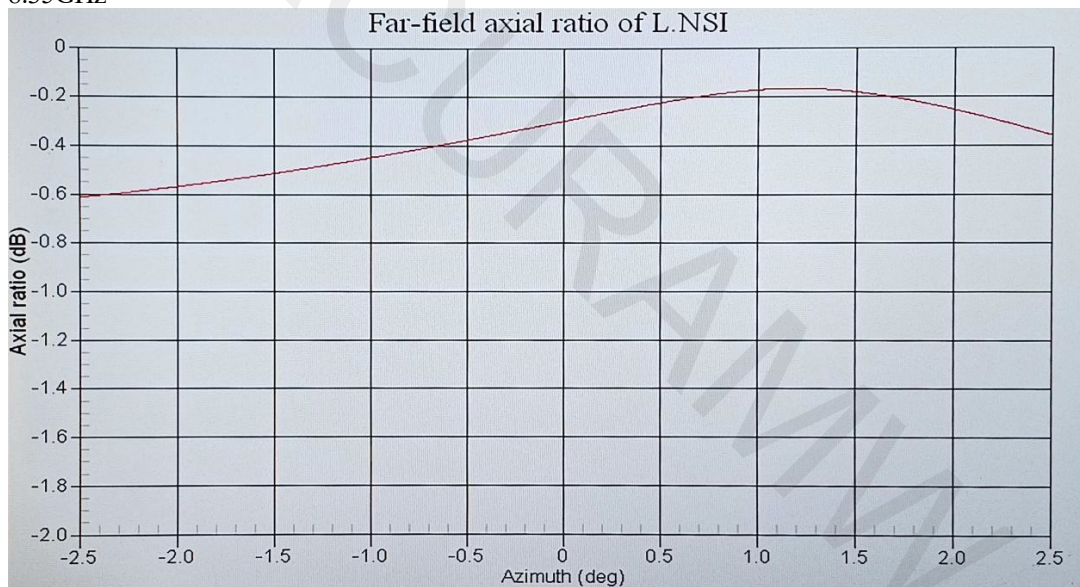




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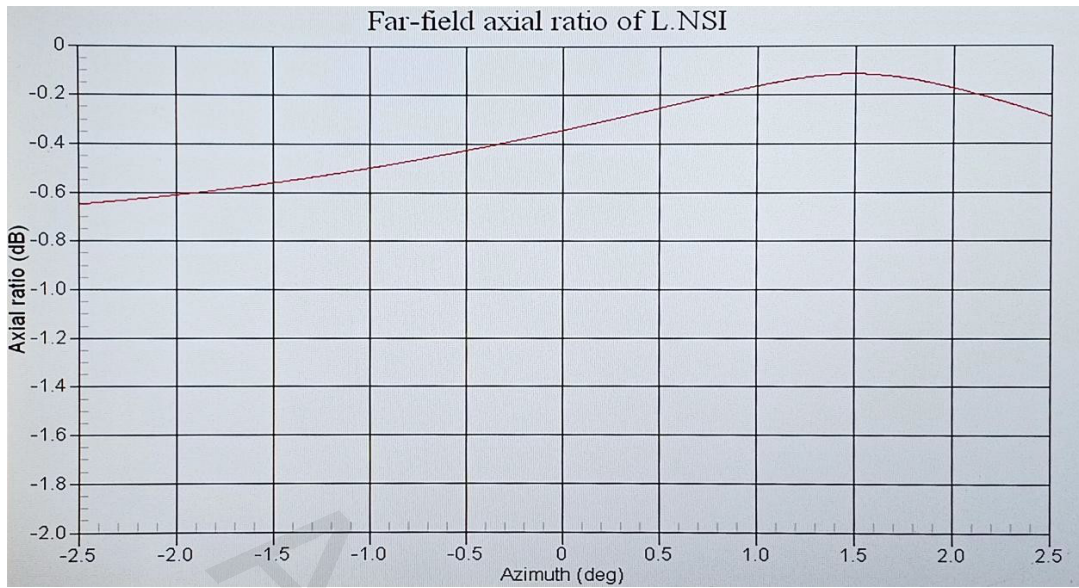


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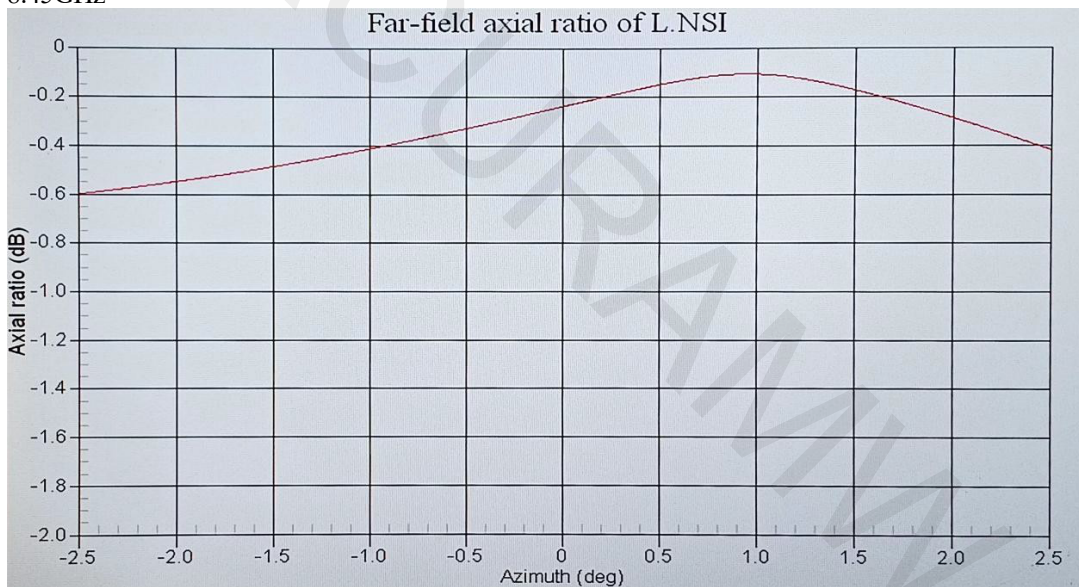




8.40 GHz

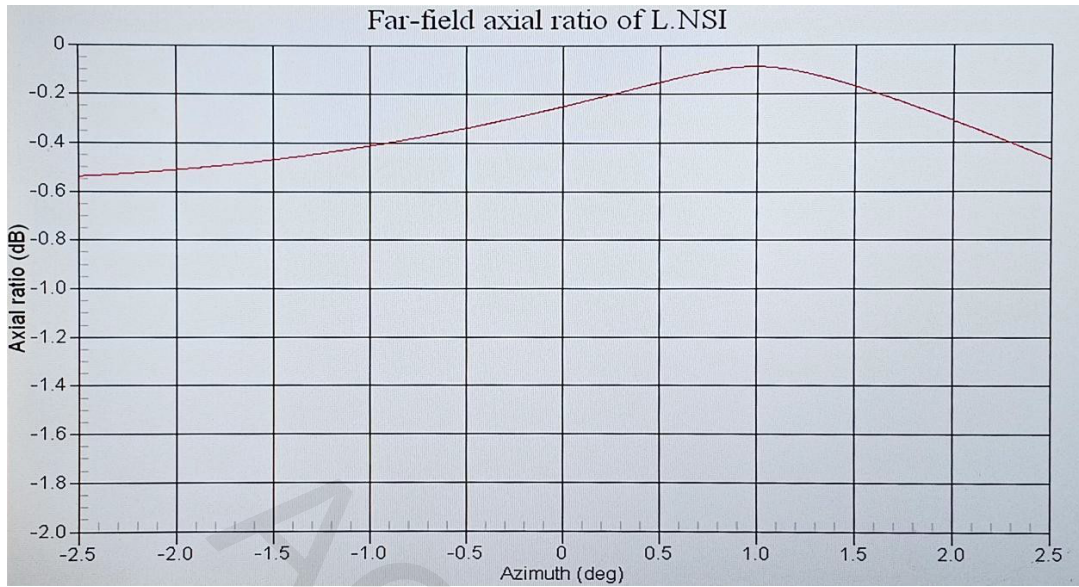


8.45GHz

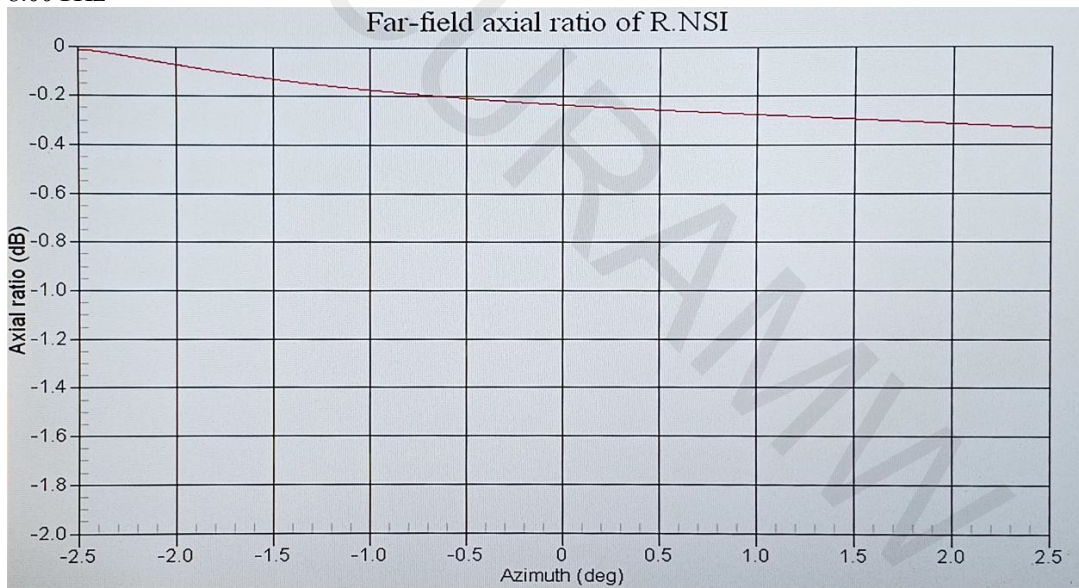




8.50GHz

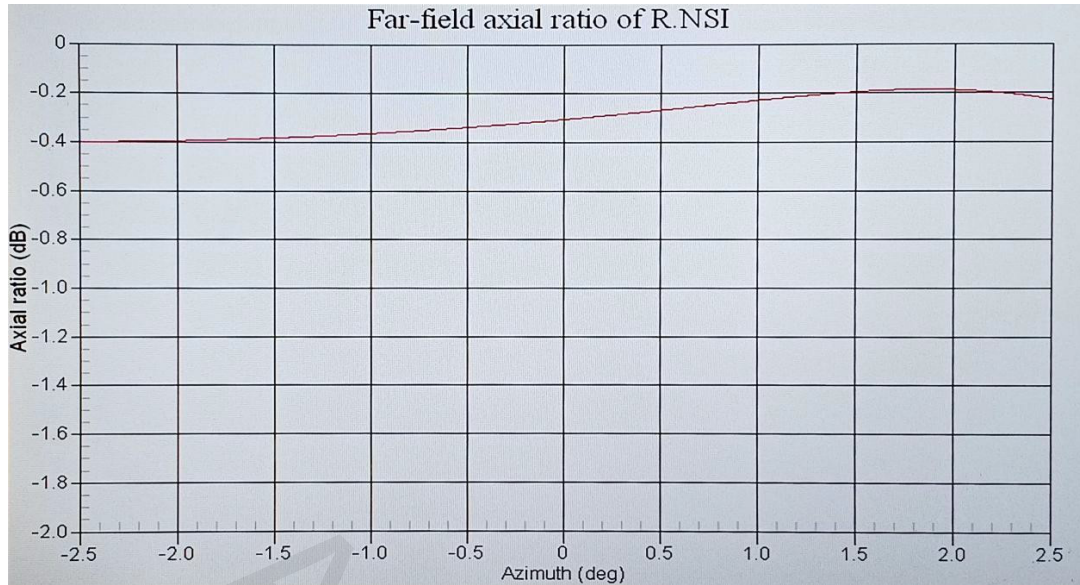


8.00GHz

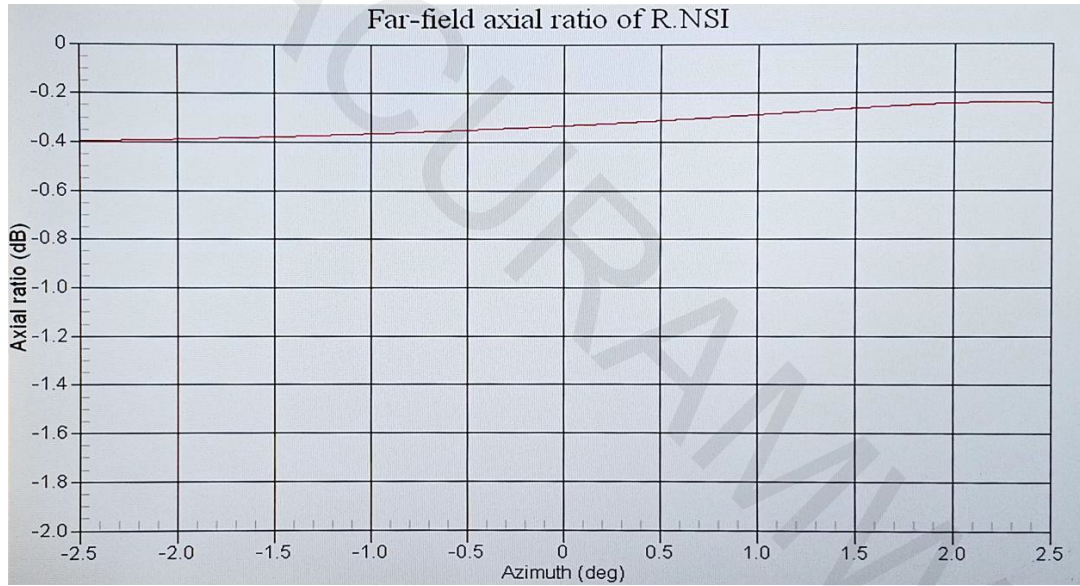




8.05GHz

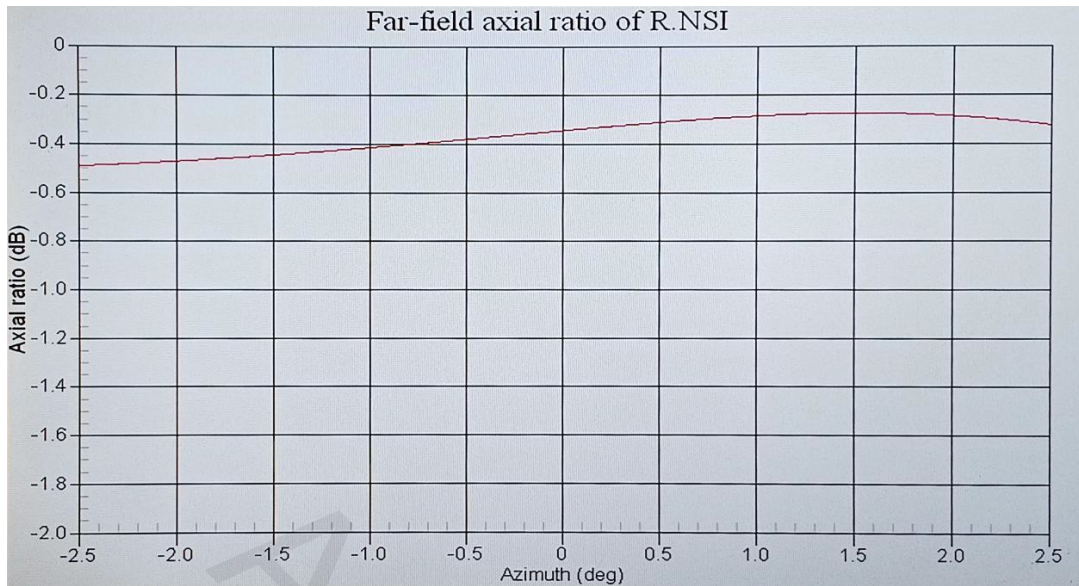


8.10GHz

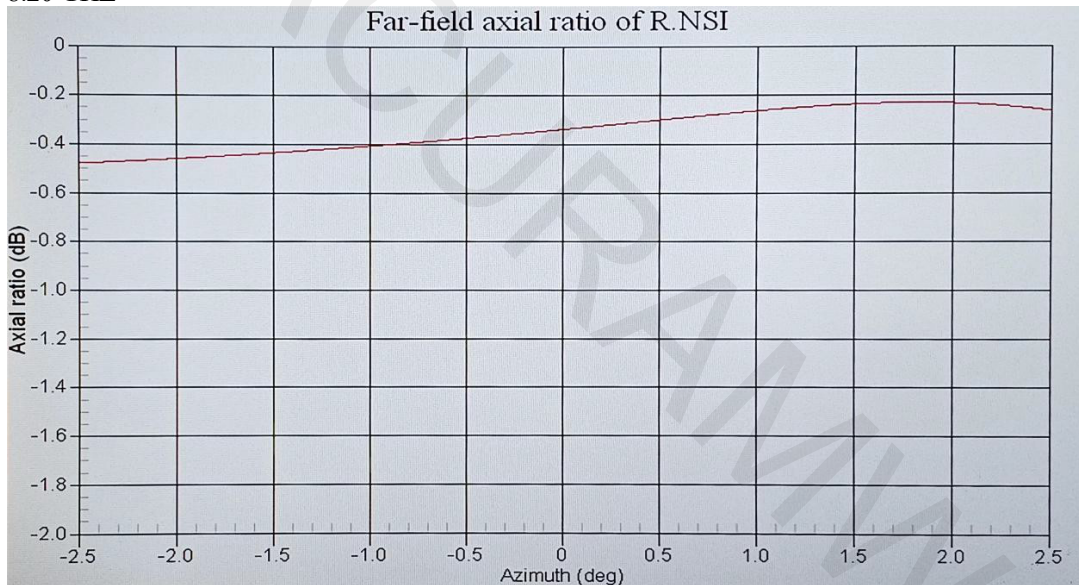




8.15 GHz

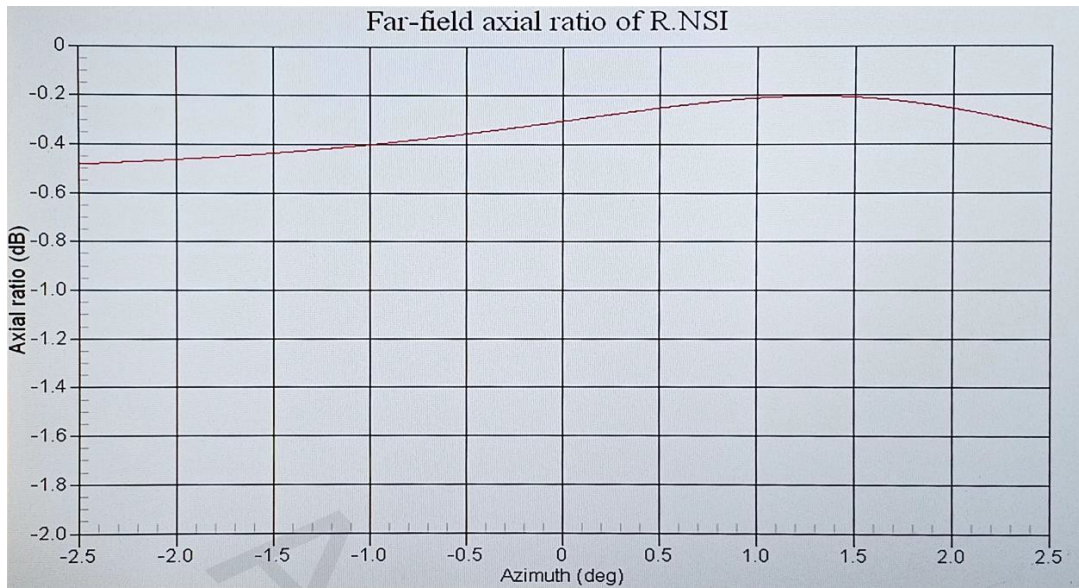


8.20 GHz

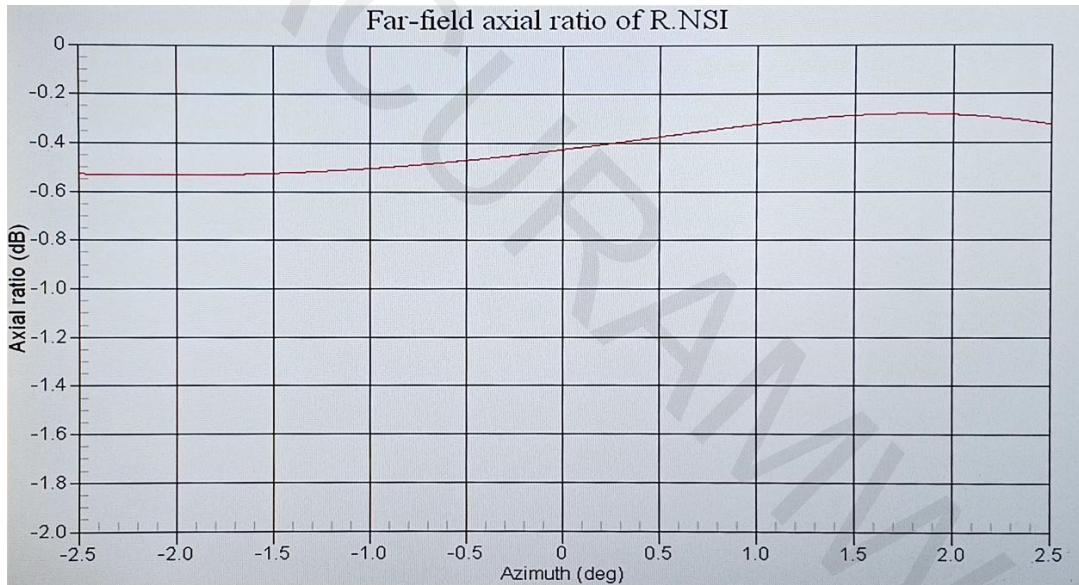




8.25 GHz

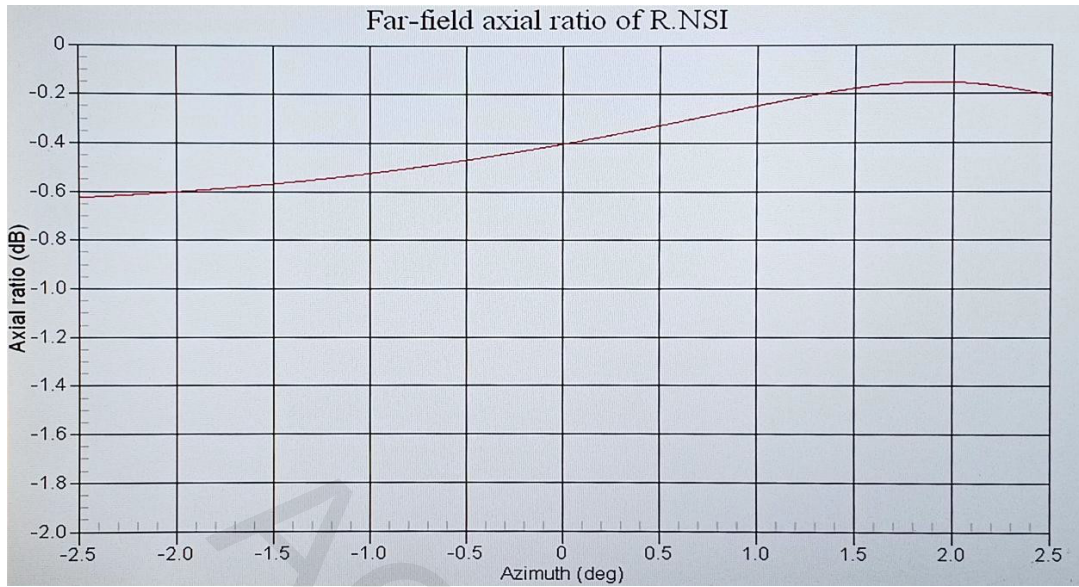


8.30GHz

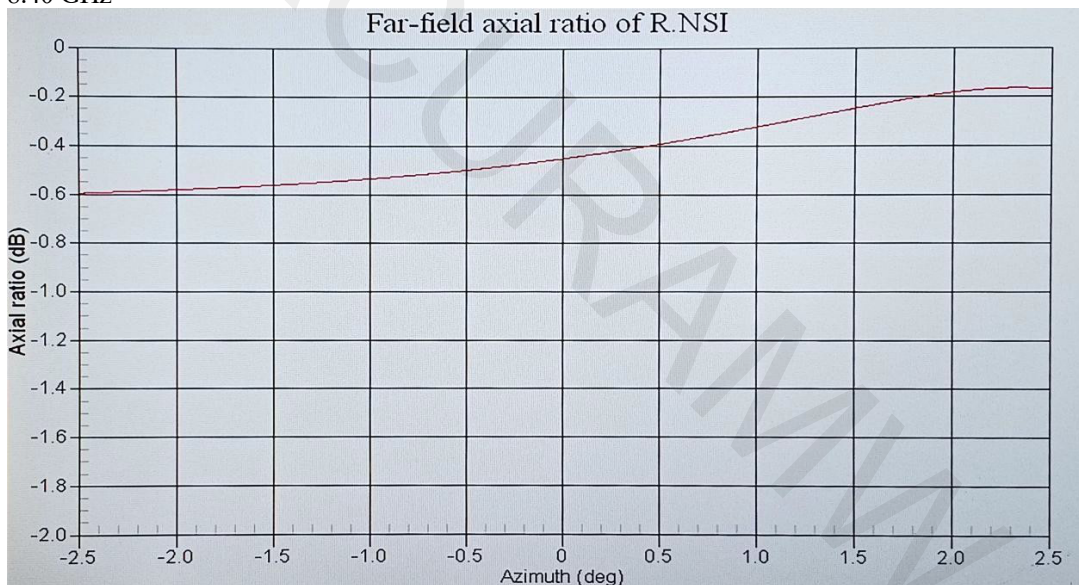




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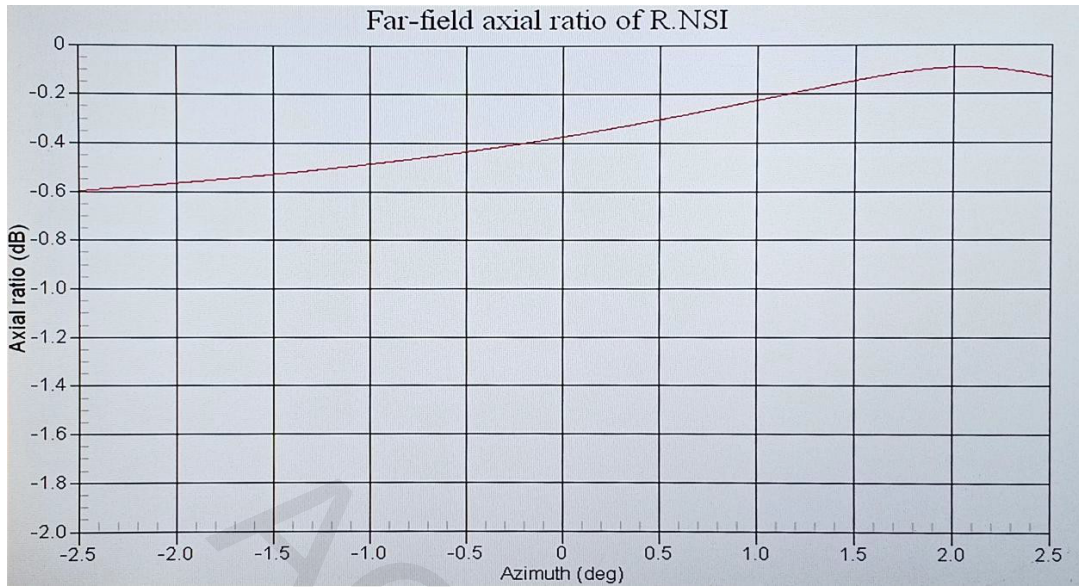


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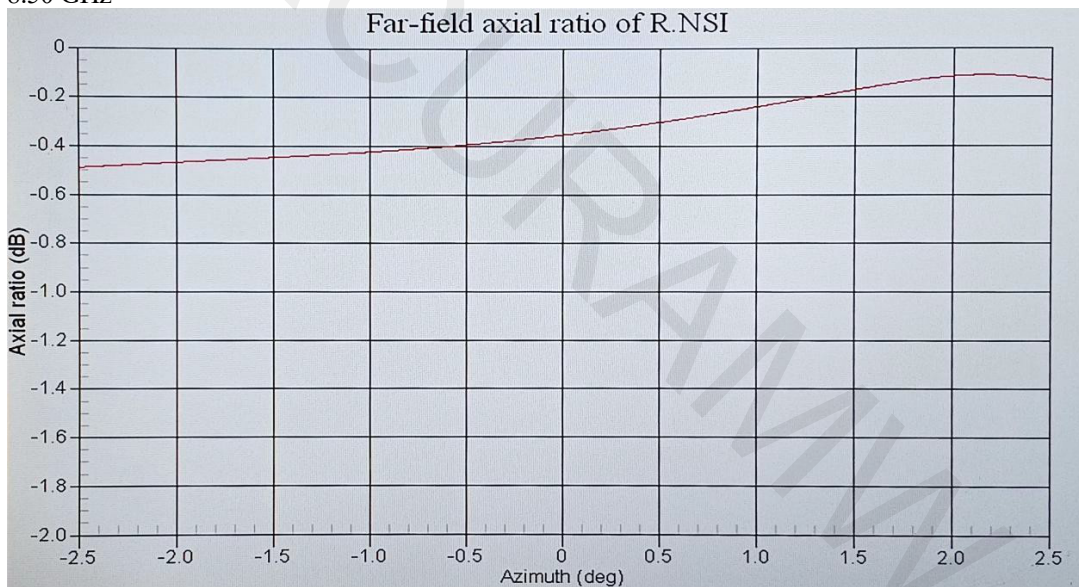




8.45GHz



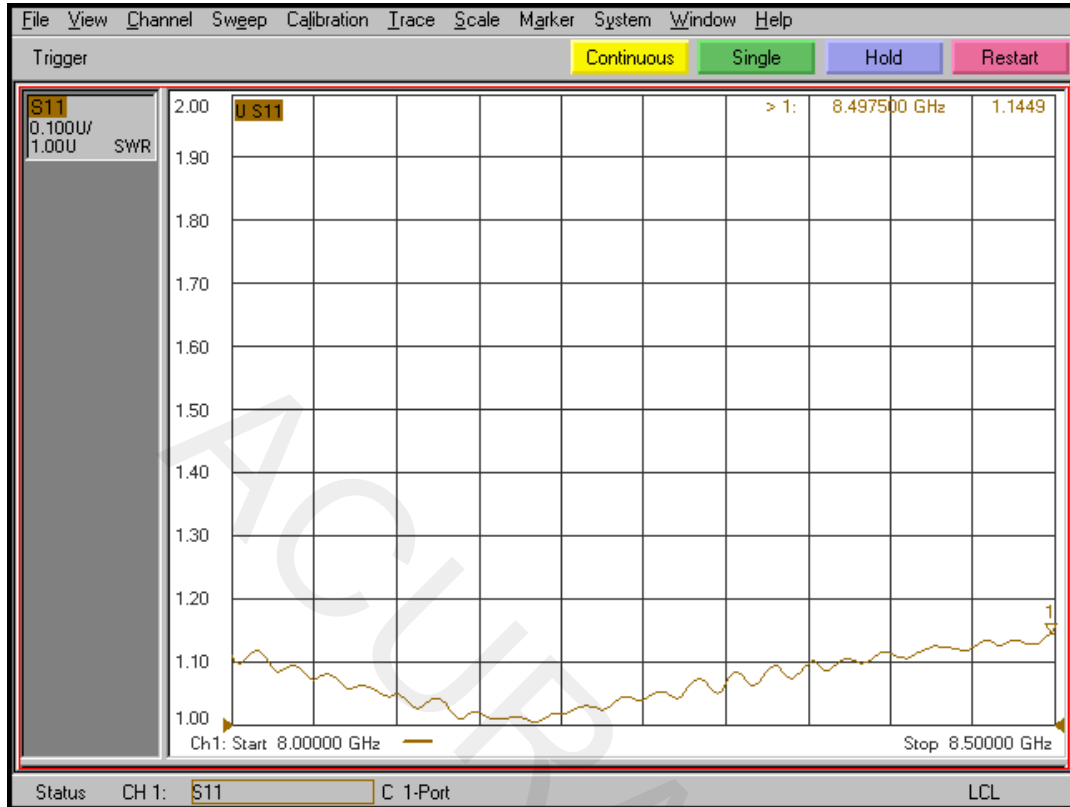
8.50 GHz



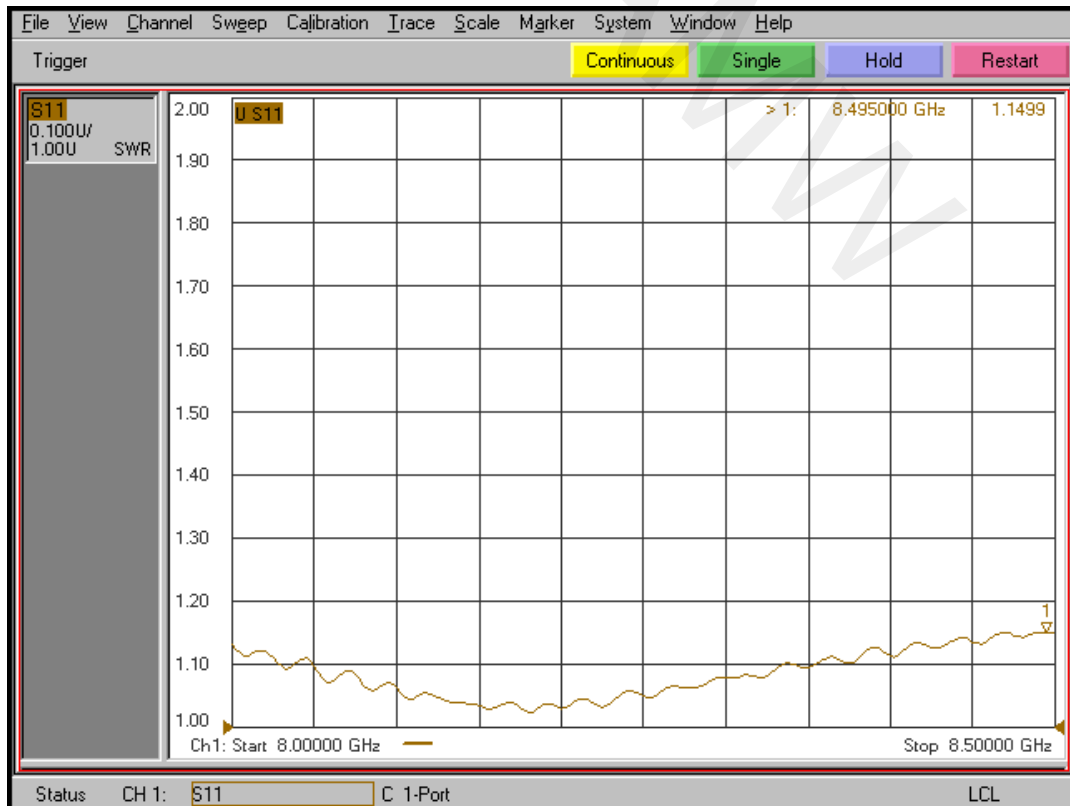


VSWR

LHCP

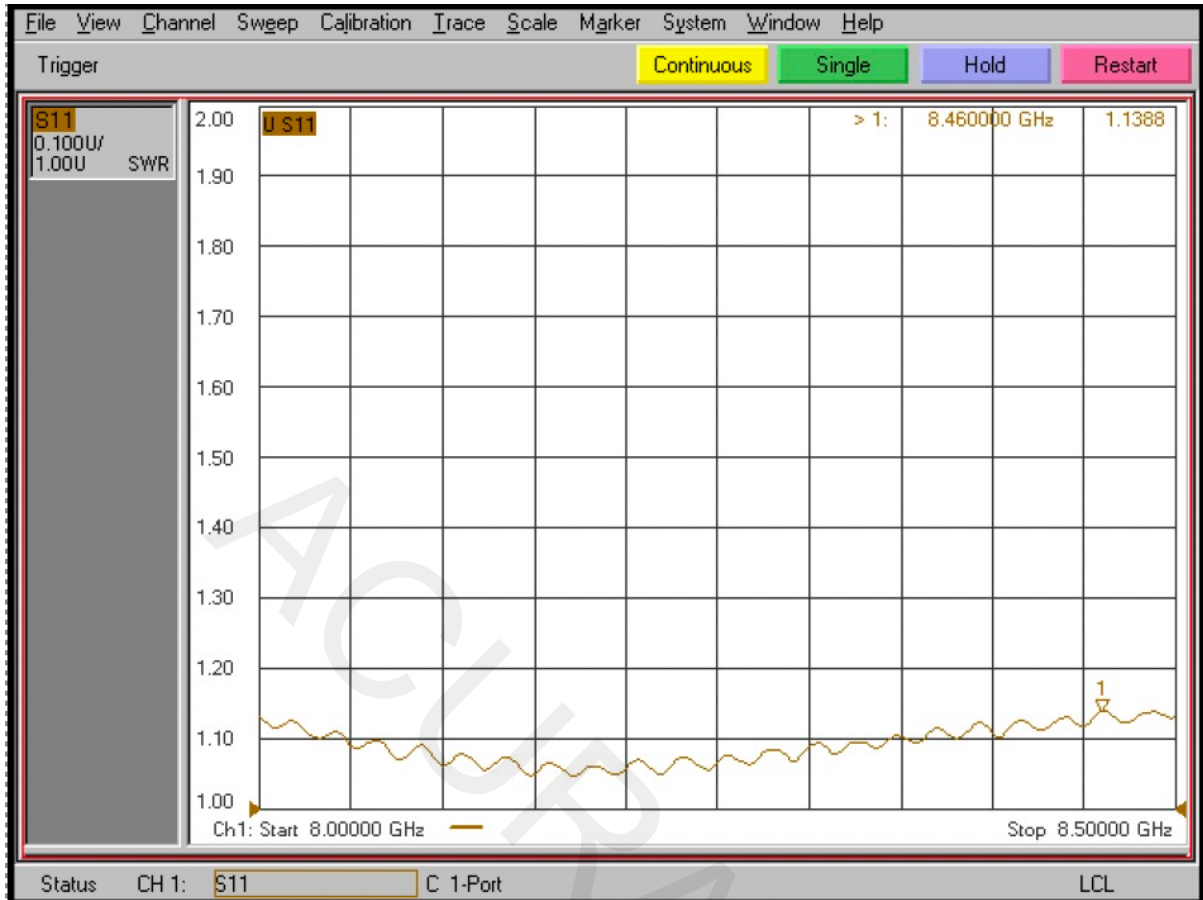


RHCP





LHCP



RHCP

