

ММАНА-GAL C:\Program Files\ММАНА-GAL\ANTW\antennas\RW3DF-UA1CEG.maa

ФайлПравкаСервисИнструментыПомощь

ГеометрияВидВычисленияДиаграмма направленности

ИмяRW3DF-UA1CEGЧастота7.030МГц☐ в ламбдах

Проводов 1Автоsegmentация: DM1800DM280SC2.0EC1☐ Не разрывать

No.	X1(m)	Y1(m)	Z1(m)	X2(m)	Y2(m)	Z2(m)	R(mm)	Seg.
1	0.0	0.0	0.0	0.0	20.45	0.0	0.8	-1
след.								

Источников 1☒ Оди

No.	PULSE	Ph
1	W1C	0.0
след.		

Комментарий

F)	Q	F(MHz)

Frequency: 7.03 MHz
Antenna environment:
FINITE GROUND, SOMMERFELD SOLUTION
RELATIVE DIELECTRIC CONST. = 13.000
CONDUCTIVITY= 5.000E-03 MHOS/METER
Source in wire N 1: Z=63.025 -j2.704 SWR(50+j0)=1.27
Elevation angle: 20.0 deg
Max Gain: -0.37 dBi at azimuth: 0 deg, F/B: 0.00 dB
Azimuth angle: 0.0 deg
Max Gain: 6.07 dBi at elevation: 87 deg

N	Wire No	F, MHz	R, Ohm	X, Ohm	SwR	Gnd.	H, m.	El, deg	Gaz, dBi	at Az	Az, deg	Gain, dBi	at El	Diel
4	1	7.03	63.025	-j2.704	1.27	Som.	7	20.0	-0.37	0 deg	0.0	6.07	87 deg	-
3	1	7.03	59.866	-j31.463	1.81	Som.	7	20.0	-0.39	0 deg	0.0	6.05	86 deg	-
2	1	7.03	61.652	-j15.041	1.41	Som.	7	20.0	-0.38	0 deg	0.0	6.06	86 deg	-
1	1	7.03	65.117	+j47.946	2.35	Som.	7	20.0	-0.37	0 deg	0.0	6.07	87 deg	Diel

Calculate with dielectric coated wiresCalculate at original of MMANA file

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