

0146-136

PENTA BAND Dipole Antenna

5バンド対応ダイポールアンテナ

- TB-900/1900W-SMA -

仕様

E L E C T R I C A L	SPECIFICATIONS	COMMUNICATION
	FREQUENCY	824-960 MHz 1710-2170MHz
	V.S.W.R	Less than 3.5 (free space)
	GAIN	-3 dBi (Minimum)
	IMPEDANCE	50 Ω
	POLARIZATION	Vertical
	RADIATION	Omni-Directional
	MAX. INPUT POWER	10W

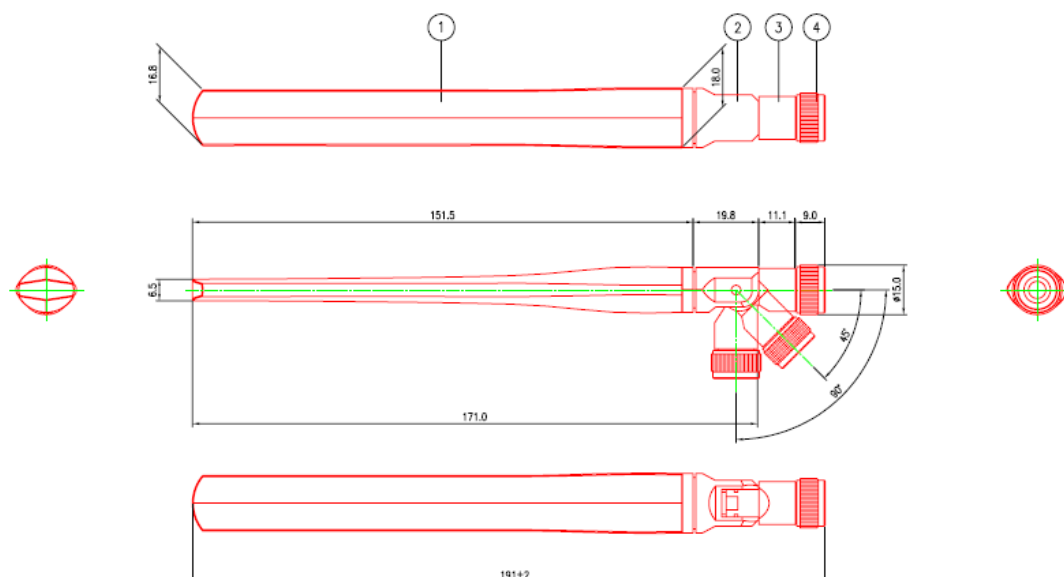
M E C H A N I C A L	SPECIFICATIONS	COMMUNICATION
	DIMENSION	191 mm $\times$ 18mm $\times$ 15mm
	CONNECTORS	SMA-Male (ZN ALLOY)
	CABLES	RG-316
	TILT ANGLE	0°, 45°, 90°

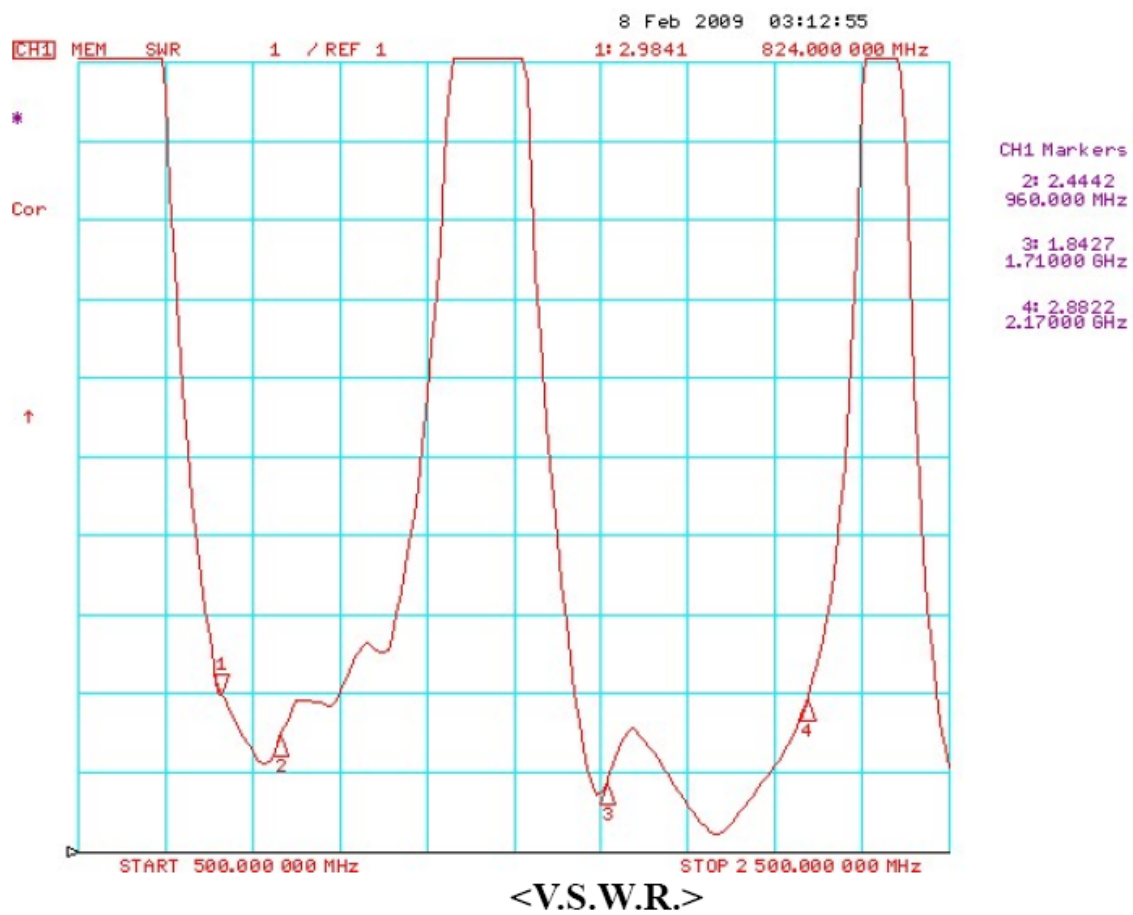
E N V I R O N M E N T	SPECIFICATIONS	COMMUNICATION
	OPERAT. TEMPERATURE	-30 °C ~ +60 °C
	STORAGE TEMPERATURE	-40 °C ~ +80 °C
	HUMIDITY	93% & 30°C IEC68-2-56Cb

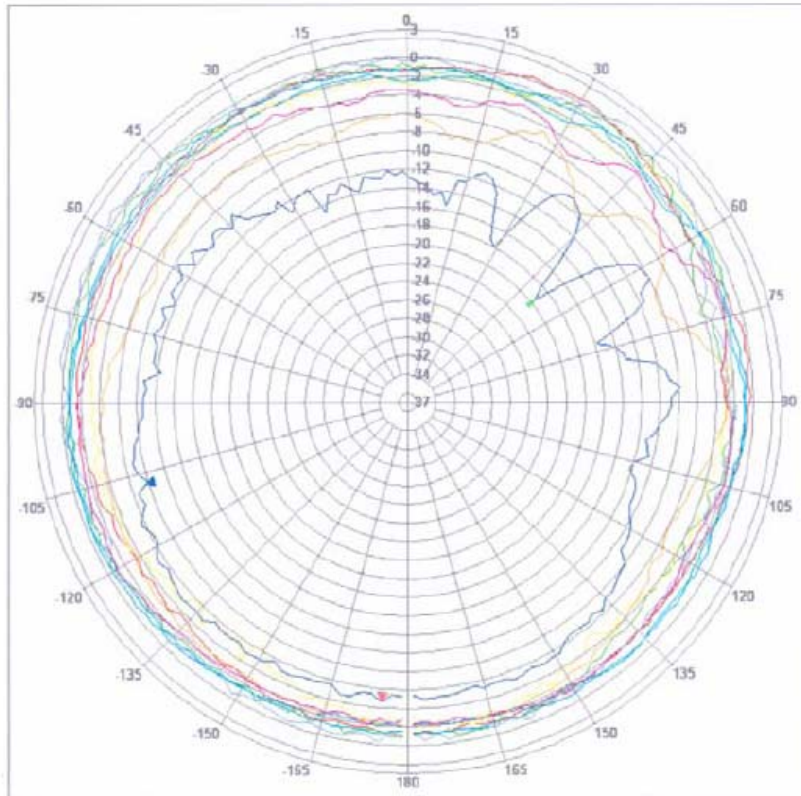
製品写真



寸法図







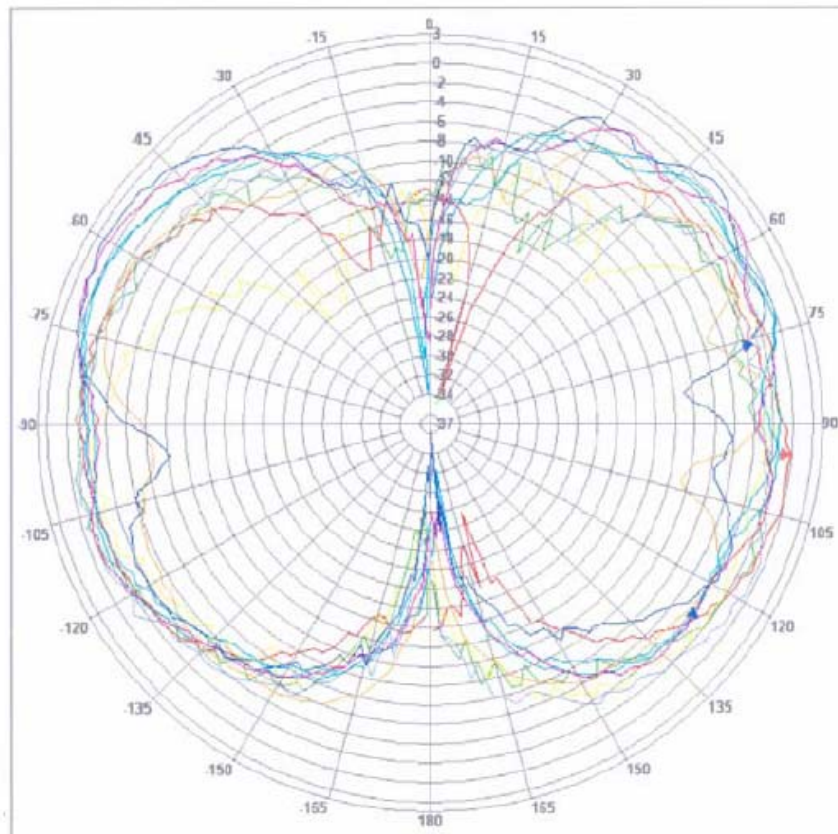
Analysis Table

			Freq.	Ch.	Beam Switch	Beam Peak [dB]	Beam Width [deg]	Null Depth [dB]	Avg. Dir.	Gain Norm	Phase						
File Name			MHz			Value	[deg]	Value	At dB	Value	[deg]						
test 2-CAL.nff			924.000 M	0.00	CHI	0.55	31.00	P	Inf	3.00	F	-3.72	-133.00	P	-1.48	0.00	-41.58
test 2-CAL.nff			980.000 M	0.00	CHI	0.17	41.00	P	Inf	3.00	P	-4.38	73.00	P	-1.42	0.00	-43.88
test 2-CAL.nff			994.000 M	0.00	CHI	1.18	49.00	P	178.92	3.00	P	-3.39	75.00	P	-0.65	0.00	-44.42
test 2-CAL.nff			960.000 M	0.00	CHI	-6.25	59.00	P	153.28	3.00	P	-6.70	-149.00	P	-2.76	0.00	-44.53
test 2-CAL.nff			710.000 M	0.00	CHI	-2.09	161.00	P	Inf	3.00	P	-9.81	41.00	P	-4.48	0.00	-37.72
test 2-CAL.nff			650.000 M	0.00	CHI	-6.31	-101.00	P	Inf	3.00	P	-1.74	51.00	P	-1.12	0.00	-38.74
test 2-CAL.nff			520.000 M	0.00	CHI	-6.43	-111.00	P	Inf	3.00	P	-2.60	51.00	P	-1.53	0.00	-38.95
test 2-CAL.nff			990.000 M	0.00	CHI	-1.07	-121.00	P	Inf	3.00	P	-5.47	30.00	P	-2.81	0.00	-39.69
test 2-CAL.nff			170.000 M	0.00	CHI	-4.62	-175.00	P	Inf	3.00	P	-19.54	51.00	P	-8.12	0.00	-43.12

Comments

-test 2-CAL.nff: H_PLANE

< Azimuth Radiation Pattern >



Analysis Table

			Freq.	Ch.	Beam	Switch	Beam Peak [dB]	Beam Width [deg]	Null Depth [dB]	Avg. Dir.	Gain Norm.	Phase
File Name			MHz				Value [deg]	Value At dB	Value [deg]			
test 3-CAL.nff			24.000 M	0.00	CH1		-0.14 95.00 P	59.23 3.00 P	-39.88 17.00 P	-4.70 0.00 0.00	-43.06	
test 3-CAL.nff			360.000 M	0.00	CH1		-0.45 -95.00 P	60.48 3.00 P	-28.50 -177.00 P	-4.75 0.00 0.00	-45.16	
test 3-CAL.nff			594.000 M	0.00	CH1		-0.35 119.00 P	52.63 3.00 P	-25.13 -177.00 P	-4.01 0.00 0.00	-45.50	
test 3-CAL.nff			860.000 M	0.00	CH1		-1.30 75.00 P	82.33 3.00 P	-26.18 -175.00 P	-6.02 0.00 0.00	-44.76	
test 3-CAL.nff			710.000 M	0.00	CH1		-1.36 59.00 P	17.85 3.00 P	-21.78 -3.00 P	-5.81 0.00 0.00	-37.72	
test 3-CAL.nff			850.000 M	0.00	CH1		-0.01 -65.00 P	80.62 3.00 P	-33.89 -5.00 P	-3.75 0.00 0.00	-38.74	
test 3-CAL.nff			920.000 M	0.00	CH1		-0.16 -89.00 P	84.38 3.00 P	-42.04 177.00 P	-3.78 0.00 0.00	-36.65	
test 3-CAL.nff			890.000 M	0.00	CH1		1.10 -67.00 P	43.75 3.00 P	-20.58 -1.00 P	-3.36 0.00 0.00	-26.60	
test 3-CAL.nff			170.000 M	0.00	CH1		1.32 -81.00 P	45.19 3.00 P	-43.44 177.00 P	-4.04 0.00 0.00	-43.12	

Comments

-test 3-CAL.nff : E_PLANE

< Elevation Radiation Pattern >