

KVY-1090M-DPL-6

OMNIDIRECTIONAL



VERSİYON: 1.2

TARİH: 07.08.2023

KUVAYI TECHNOLOGIES A.Ş





## SPECIFICATIONS

ELECTRICAL 	
Model	KVY-1090M-DPL-6
Frequency	1090 MHz
Pattern Type	Omni Directional
Polarization	Vertical
Impedance	50 $\Omega$
Gain	6 dBi
VSWR	< 1.5:1
Bandwidth	1040-1140 MHz
Max Input Power	50W /100 W

MECHANICAL 	
Connector Type	N Male / N Female (Customizable)
Colour	White / Customizable
Length	73 cm
Diameter	20 mm

ENVIRONMENTAL CONDITIONS 	
Working Temperature	-30° to +60°C
Storage Temperature	-40° to +80°C
IP Protection Class	IP65





KVY-1090M-DPL-6

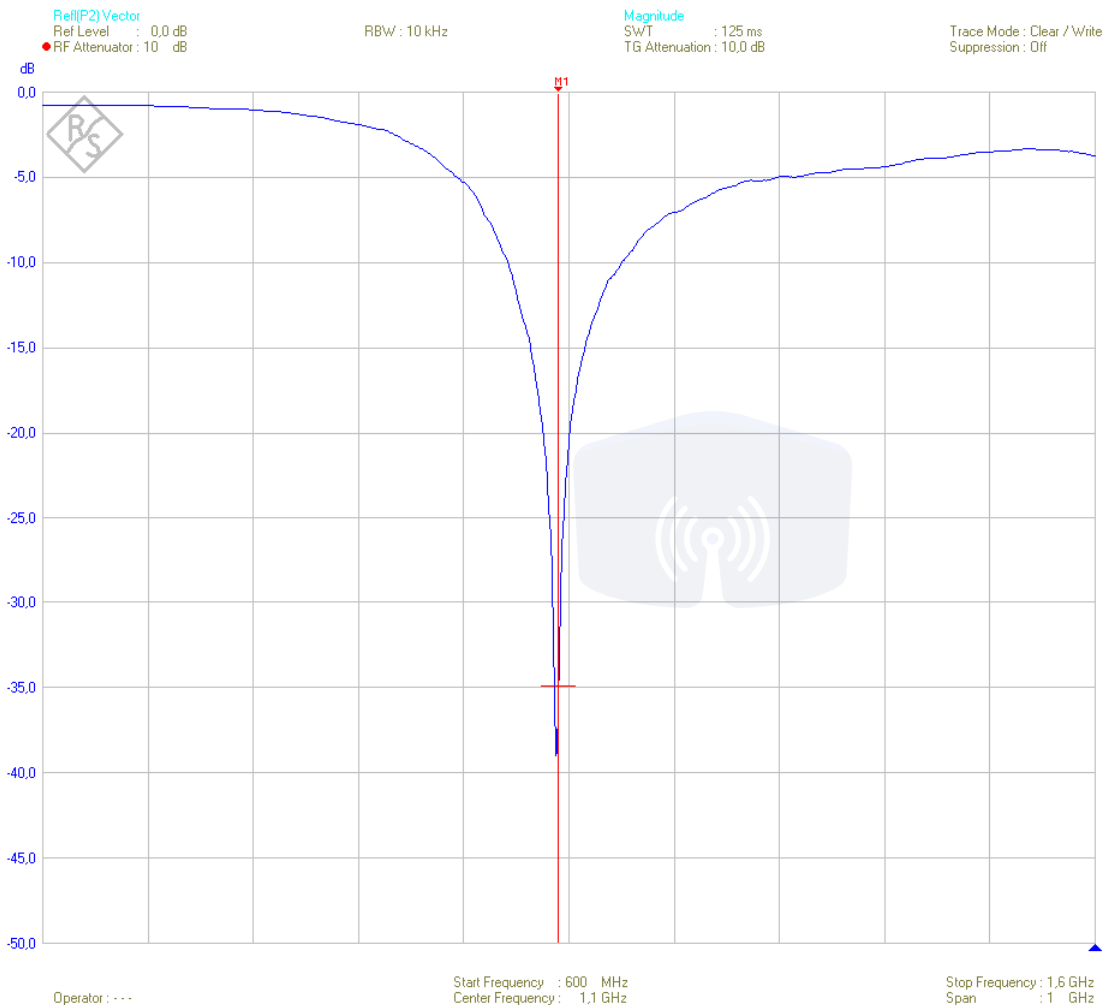


# VSWR



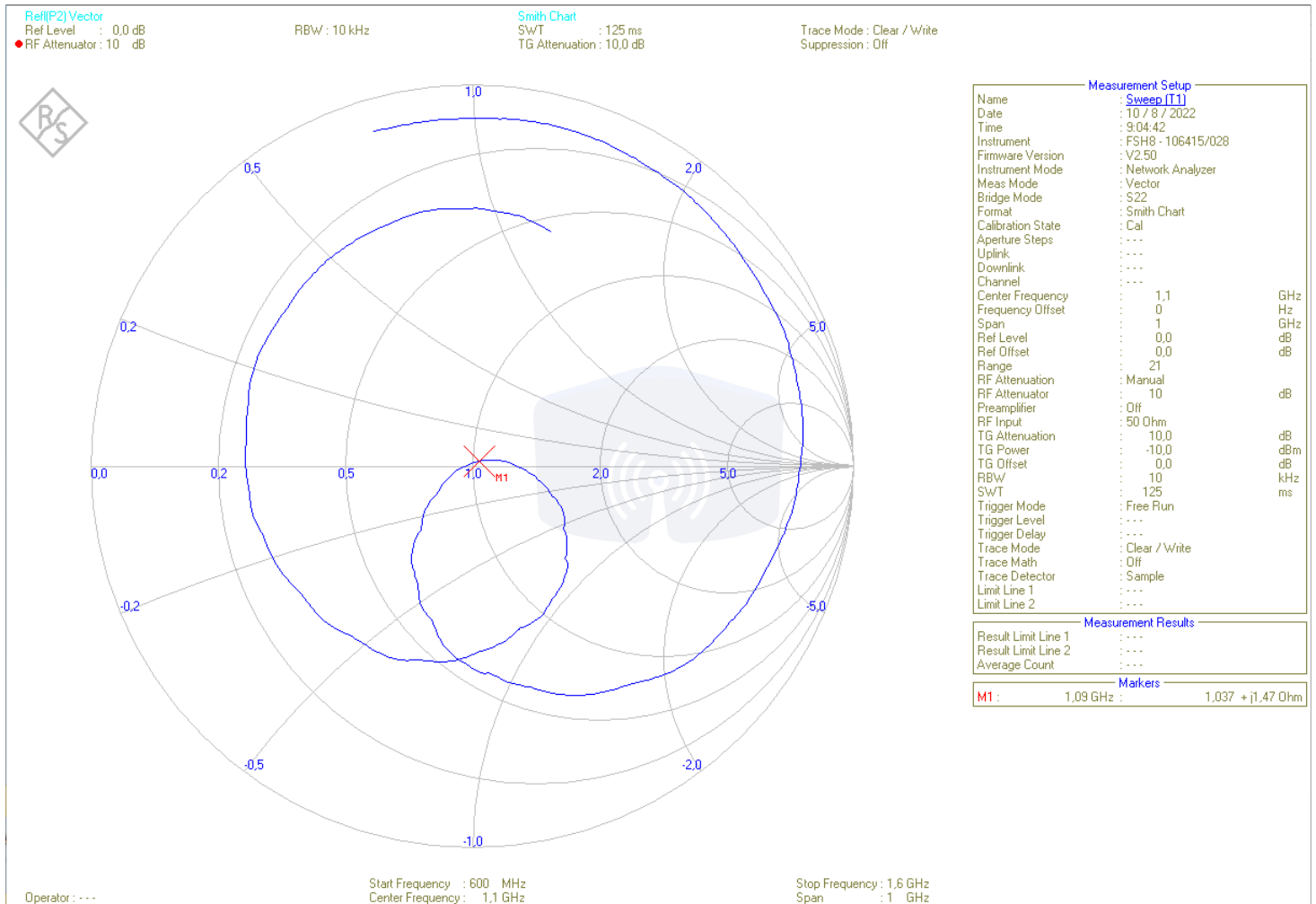
Measurement Setup	
Name	Sweep (T1)
Date	10 / 8 / 2022
Time	9:04:42
Instrument	FSH8 - 106415/028
Firmware Version	V2.50
Instrument Mode	Network Analyzer
Meas Mode	Vector
Bridge Mode	S22
Format	VSWR
Calibration State	Cal
Aperture Steps	---
Uplink	---
Downlink	---
Channel	---
Center Frequency	1,1 GHz
Frequency Offset	0 Hz
Span	1 GHz
Ref Level	0,0 dB
Ref Offset	0,0 dB
Range	21
RF Attenuation	Manual
RF Attenuator	10 dB
Preamplifier	Off
RF Input	50 Ohm
TG Attenuation	10,0 dB
TG Power	-10,0 dBm
TG Offset	0,0 dB
RBW	10 kHz
SWT	125 ms
Trigger Mode	Free Run
Trigger Level	---
Trigger Delay	---
Trace Mode	Clear / Write
Trace Math	Off
Trace Detector	Sample
Limit Line 1	---
Limit Line 2	---
Measurement Results	
Result Limit Line 1	---
Result Limit Line 2	---
Average Count	---
Markers	
M1:	1,09 GHz : 1,037

# RETURN LOSS

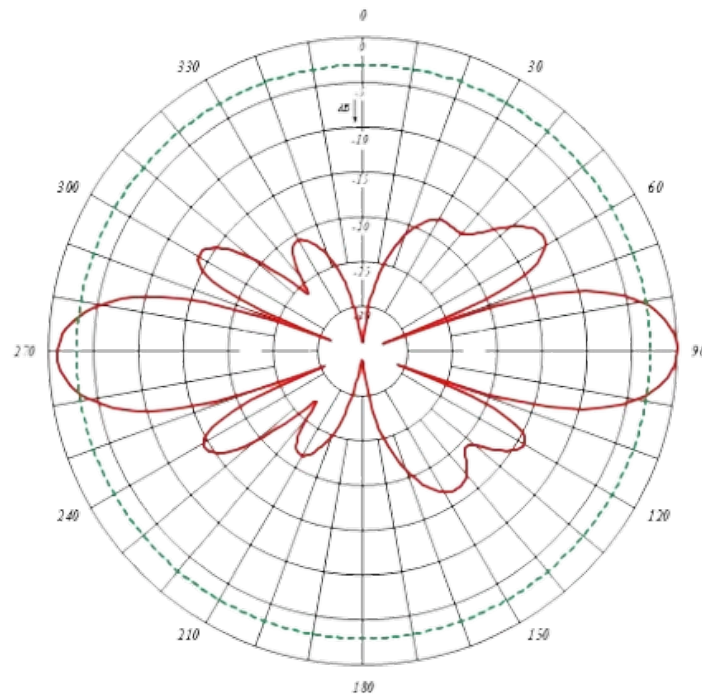





Measurement Setup	
Name	: Sweep [11]
Date	: 10 / 8 / 2022
Time	: 9:04:42
Instrument	: FSH8 - 106415/028
Firmware Version	: V2.50
Instrument Mode	: Network Analyzer
Meas Mode	: Vector
Bridge Mode	: S22
Format	: Magnitude
Calibration State	: Cal
Aperture Steps	: ---
Uplink	: ---
Downlink	: ---
Channel	: ---
Center Frequency	: 1,1 GHz
Frequency Offset	: 0 Hz
Span	: 1 GHz
Ref Level	: 0,0 dB
Ref Offset	: 0,0 dB
Range	: 50 dB
RF Attenuator	: Manual
RF Attenuator	: 10 dB
Preamplifier	: Off
RF Input	: 50 Ohm
TG Attenuation	: 10,0 dB
TG Power	: -10,0 dBm
TG Offset	: 0,0 dB
RBW	: 10 kHz
SWT	: 125 ms
Trigger Mode	: Free Run
Trigger Level	: ---
Trigger Delay	: ---
Trace Mode	: Clear / Write
Trace Math	: Off
Trace Detector	: Sample
Limit Line 1	: ---
Limit Line 2	: ---
Measurement Results	
Result Limit Line 1	: ---
Result Limit Line 2	: ---
Average Count	: ---
Markers	
M1:	1,09 GHz : -34,90 dB


# INPUT IMPEDANCE

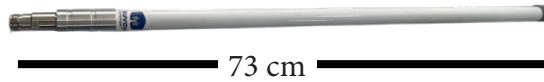


# Antenna Radiation Pattern



ORDER DETAILS		
1090M-DPL-6-001	Glass Fiber Antenna / N Female	
1090M-DPL-6-002	Glass Fiber Antenna / N Male	
Explanation	Please specify the connector you prefer when ordering the antenna. It is not a parameter that affects the antenna performance or quality. Choose the one that is compatible with the extension cable connector you will use.	

Packaging Information		
<b>Packaging Information</b>	Plastic	
<b>Cargo Dimensions</b>	Approximately 80 x 3 cm	



## Order Details

Order Link:

<http://www.kuvayitechnologies.com/>

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