

KVY-868M-ODP-6DBI

OMNIDIRECTIONAL





VERSION: 1.1


DATE: 24.04.2022

KUVAYI TECHNOLOGIES A.Ş

## PROPERTIES

ELECTRICAL 	
Model	KVY-868M-ODP-6DBI
Frequency	868 MHz
Pattern type	Omnidirectional
Polarization	vertical
Impedance	50 $\Omega$
Gain	6 dBi
VSWR	< 1.5:1
Bandwidth	25 MHz
Maximum Input Power	50W

MECHANICAL 	
Connector Type	N male RP
Antenna Colour	
Length	800 mm
Diameter	20 mm
Weight	303 gr

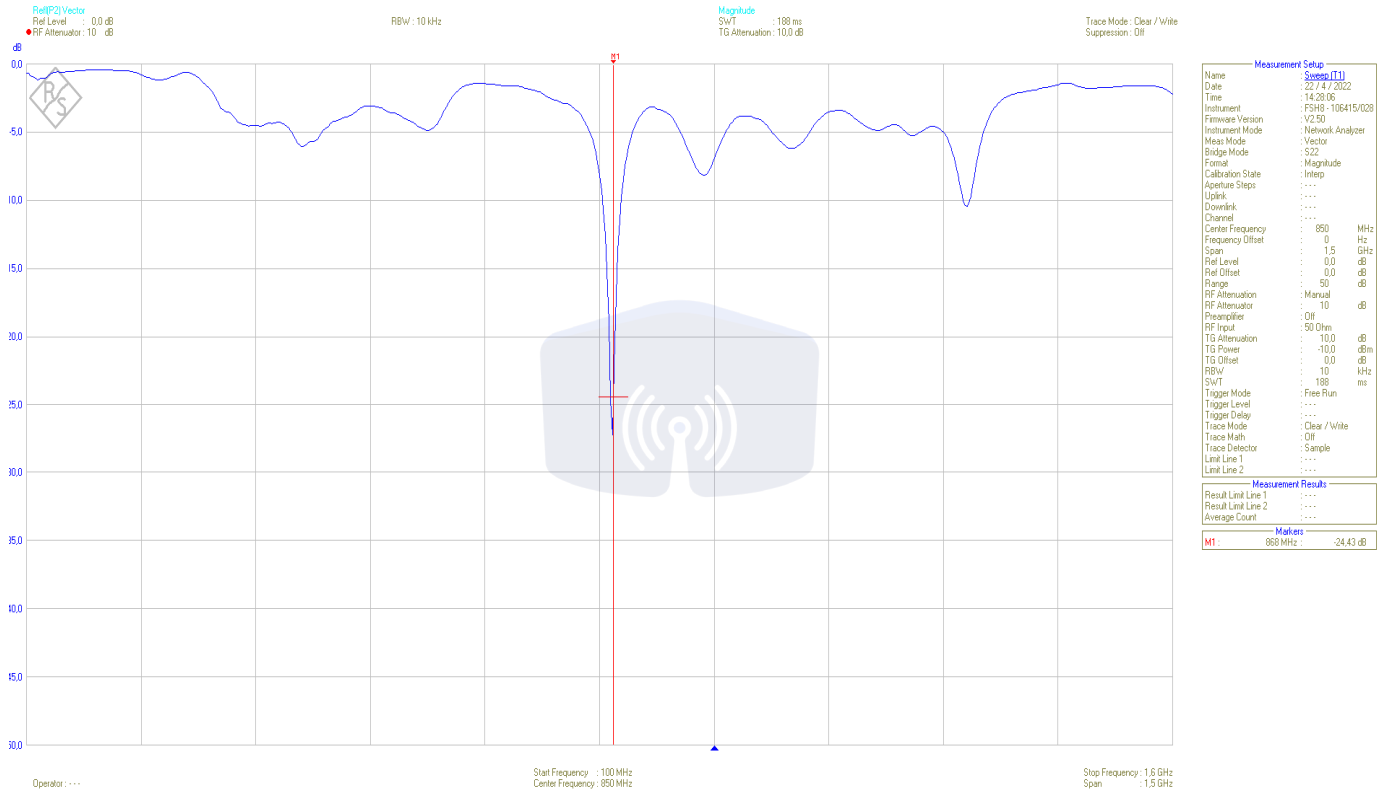
ENVIRONMENT CONDITION 	
Operational working temperature	-30° to +60°C
Storage temperature	-30° to +75°C
IP protection class	



# VSWR



# REFLECTION LOSS



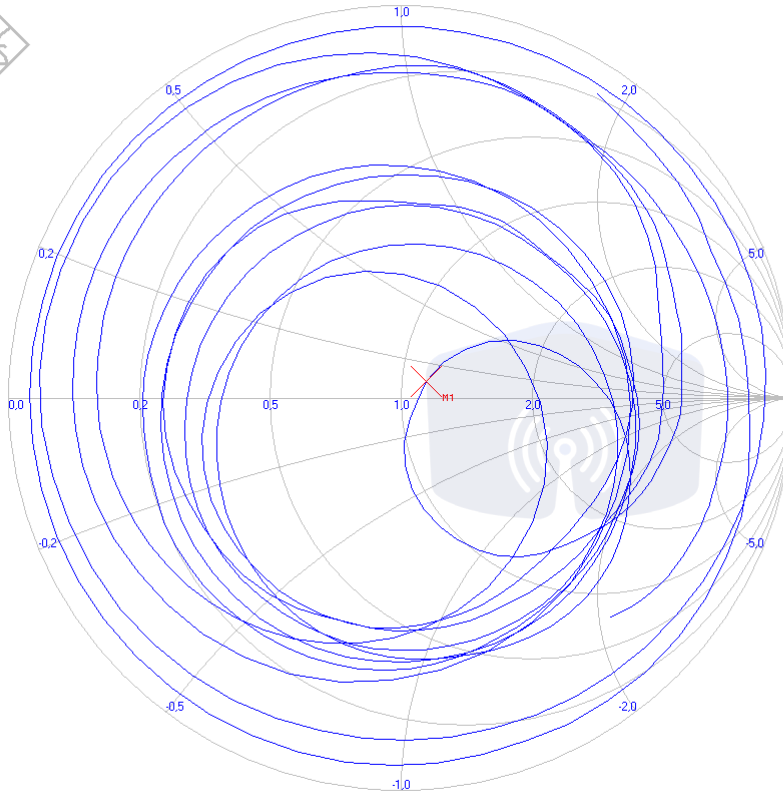
# INPUT IMPEDANCE

RefIP2] Vector  
 Ref Level : 0,0 dB  
 RF Attenuator: 10 dB

RBW: 10 kHz

Smith Chart  
 SWT : 188 ms  
 TG Attenuation: 10,0 dB

Trace Mode: Clear / Write  
 Suppression: Diff



Measurement Setup		
Sweep [T1]		
Name	:	
Date	:	22 / 4 / 2022
Time	:	14:28:06
Instrument	:	FSH8 - 106415/028
Firmware Version	:	V2.50
Instrument Mode	:	Network Analyzer
Meas Mode	:	Vector
Bridge Mode	:	S22
Format	:	Smith Chart
Calibration State	:	Interp
Aperture Steps	:	---
Uplink	:	---
Downlink	:	---
Channel	:	---
Center Frequency	:	850 MHz
Frequency Offset	:	0 Hz
Span	:	1,5 GHz
Ref Level	:	0,0 dB
Ref Offset	:	0,0 dB
Range	:	50 dB
RF Attenuation	:	Manual
RF Attenuator	:	10 dB
Preamplifier	:	Diff
RF Input	:	50 Ohm
TG Attenuation	:	10,0 dB
TG Power	:	-10,0 dBm
TG Offset	:	0,0 dB
RBW	:	10 kHz
SWT	:	188 ms
Trigger Mode	:	Free Run
Trigger Level	:	---
Trigger Delay	:	---
Trace Mode	:	Clear / Write
Trace Math	:	Diff
Trace Detector	:	Sample
Limit Line 1	:	---
Limit Line 2	:	---

Measurement Results		
Result Limit Line 1	:	---
Result Limit Line 2	:	---
Average Count	:	---

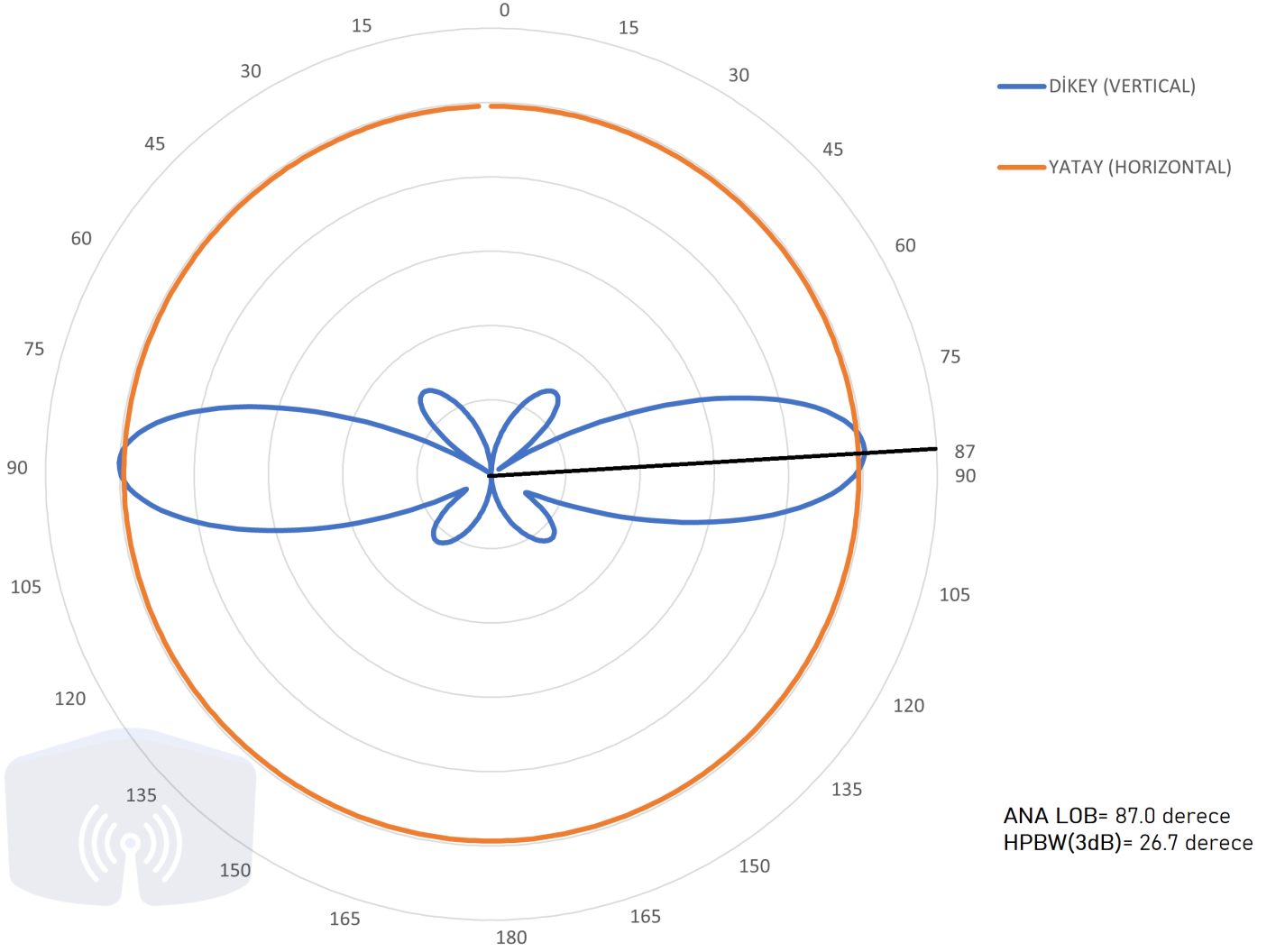
Markers		
M1	:	868 MHz : 56,2 Ohm + j1,43 Ohm

Operator : ---

Start Frequency : 100 MHz  
 Center Frequency : 850 MHz

Stop Frequency : 1,6 GHz  
 Span : 1,5 GHz

## FAR FIELD RADIATION GRAPH



### Order Details

Order Link:

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

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