

KVY-860M-DPL-B

OMNIDIRECTIONAL





VERSİYON: 1.1


TARİH: 09.08.2022

KUVAYI TECHNOLOGIES A.Ş

## PROPERTIES

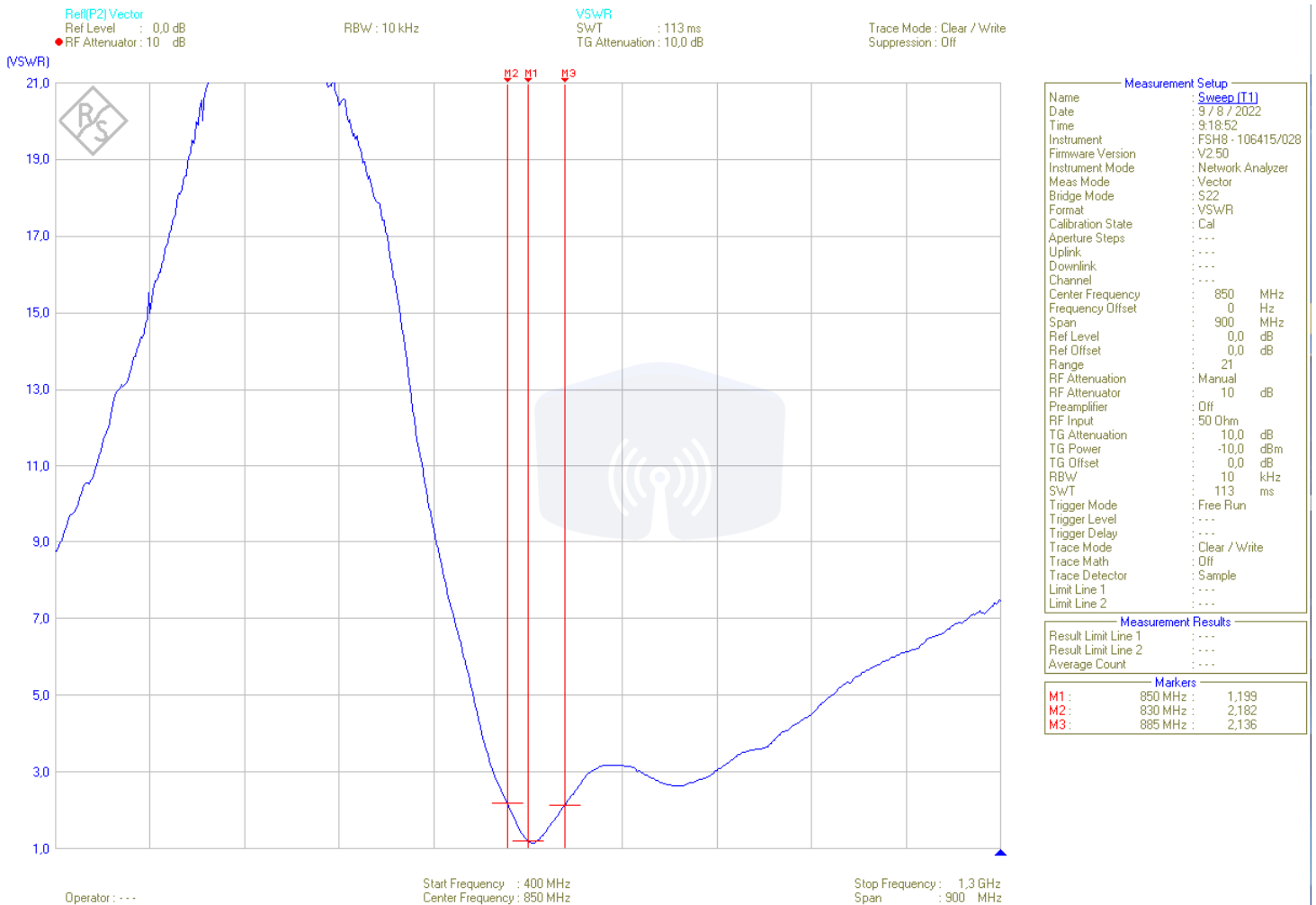
ELECTRICAL 	
Model	KVY-860M-DPL-B
Frequency	860 MHz
Pattern Type	Omni Directional
Polarization	Vertical
Impedance	50 $\Omega$
Gain	2 dBi
VSWR	< 1.5:1
Bandwidth	830-885 MHz
Maximum Input Power	50W

MECHANIC 	
Connector Type	SMA Plug (male) (0°,45°,90°)
Antenna Colour	Black
Lenght	200 mm
Diameter	15 mm
Weight	20 gr

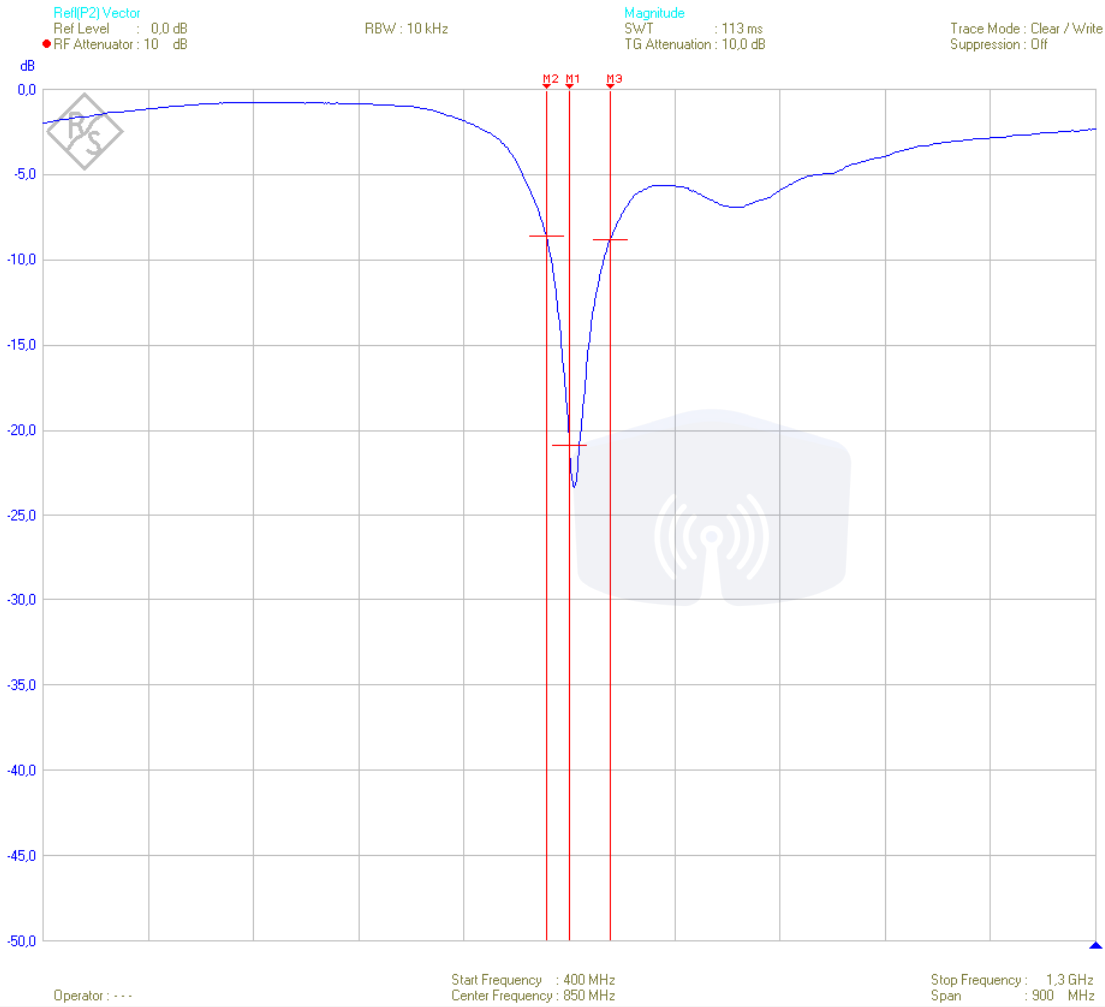
ENVIRONMENT CONDITION 	
Operational Working Temperature	-30° to +60°C
Storage Temperature	-30° to +75°C
IP Protection Class	



# VSWR



# REFLECTION LOSS



Measurement Setup	
Name	: Sweep (T1)
Date	: 9 / 8 / 2022
Time	: 9:18:52
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	: 850 MHz
Frequency Offset	: 0 Hz
Span	: 900 MHz
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	: 113 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	: 850 MHz : -20.87 dB
M2	: 830 MHz : -8.60 dB
M3	: 885 MHz : -8.82 dB

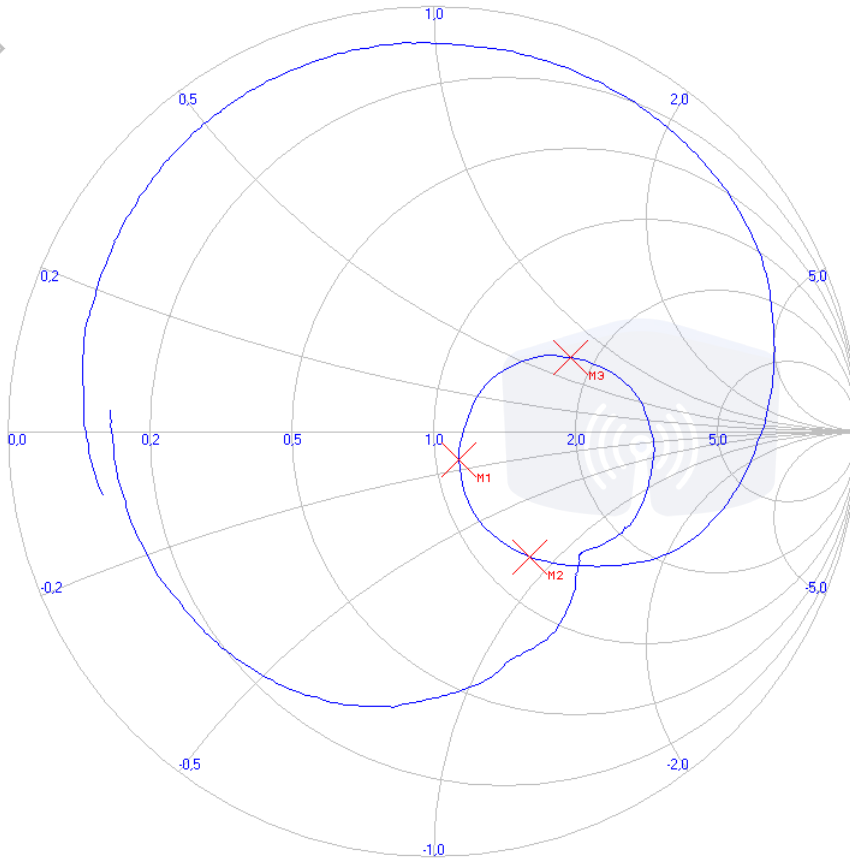
# INPUT IMPEDANCE

Ref[P2] Vector  
Ref Level : 0,0 dB  
RF Attenuator : 10 dB

RBW : 10 kHz

Smith Chart  
SWT : 113 ms  
TG Attenuation : 10,0 dB

Trace Mode : Clear / Write  
Suppression : Off



Operator : ...

Start Frequency : 400 MHz  
Center Frequency : 850 MHz

Stop Frequency : 1,3 GHz  
Span : 900 MHz

## Measurement Setup

Name	Sweep [T1]	
Date	3/7/2022	
Time	9:18:52	
Instrument	FSH8 - 106415/028	
Firmware Version	V2.50	
Instrument Mode	Network Analyzer	
Meas Mode	Vector	
Bridge Mode	S22	
Format	Smith Chart	
Calibration State	Cal	
Aperture Steps	---	
Uplink	---	
Downlink	---	
Channel	---	
Center Frequency	850	MHz
Frequency Offset	0	Hz
Span	900	MHz
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	113	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 :	850 MHz :	1,199 - j7,65 Ohm
M2 :	830 MHz :	2,182 - j43,0 Ohm
M3 :	885 MHz :	2,136 + j35,2 Ohm

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## Order Details

Order Link:

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

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