

KVY-169M-ESHB

OMNIDIRECTIONAL





VERSİYON: 1.1


TARİH: 09.01.2022

KUVAYI TECHNOLOGIES A.Ş

PROPERTIES

ELECTRICAL 	
Model	KVY-169-ESHB
Frequency	169 MHz
Pattern Type	Omni Directional
Polarization	Vertical
Impedance	50 Ω
Gain	1.5 dBi
VSWR	< 1.5:1
Bandwidth	165-175 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	



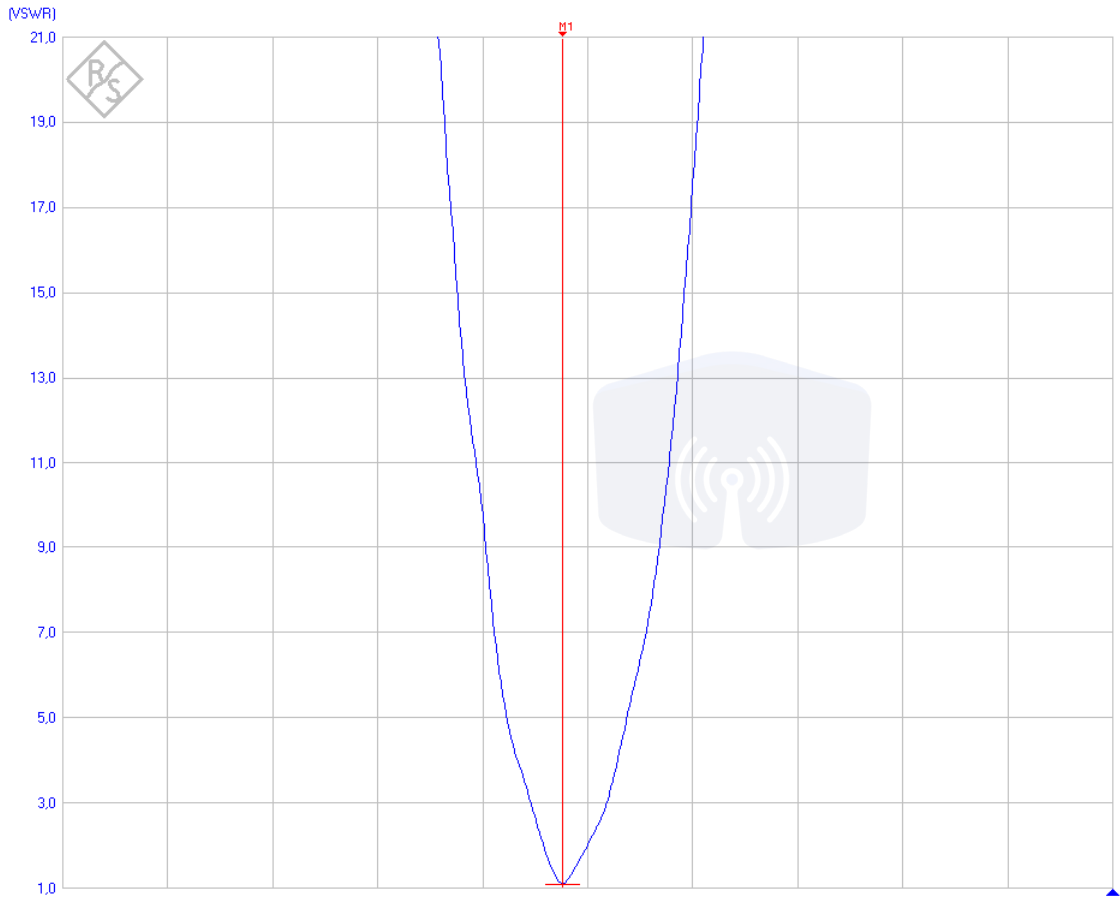
VSWR

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

RBW : 10 kHz

VSWR
 SWT : 38 ms
 TG Attenuation : 10,0 dB

Trace Mode : Clear / Write
 Suppression : Off



Measurement Setup	
Name	: Sweep [T1]
Date	: 07/07/2022
Time	: 11:18:05
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	: 175 MHz
Frequency Offset	: 0 Hz
Span	: 250 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	: 38 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	: ---

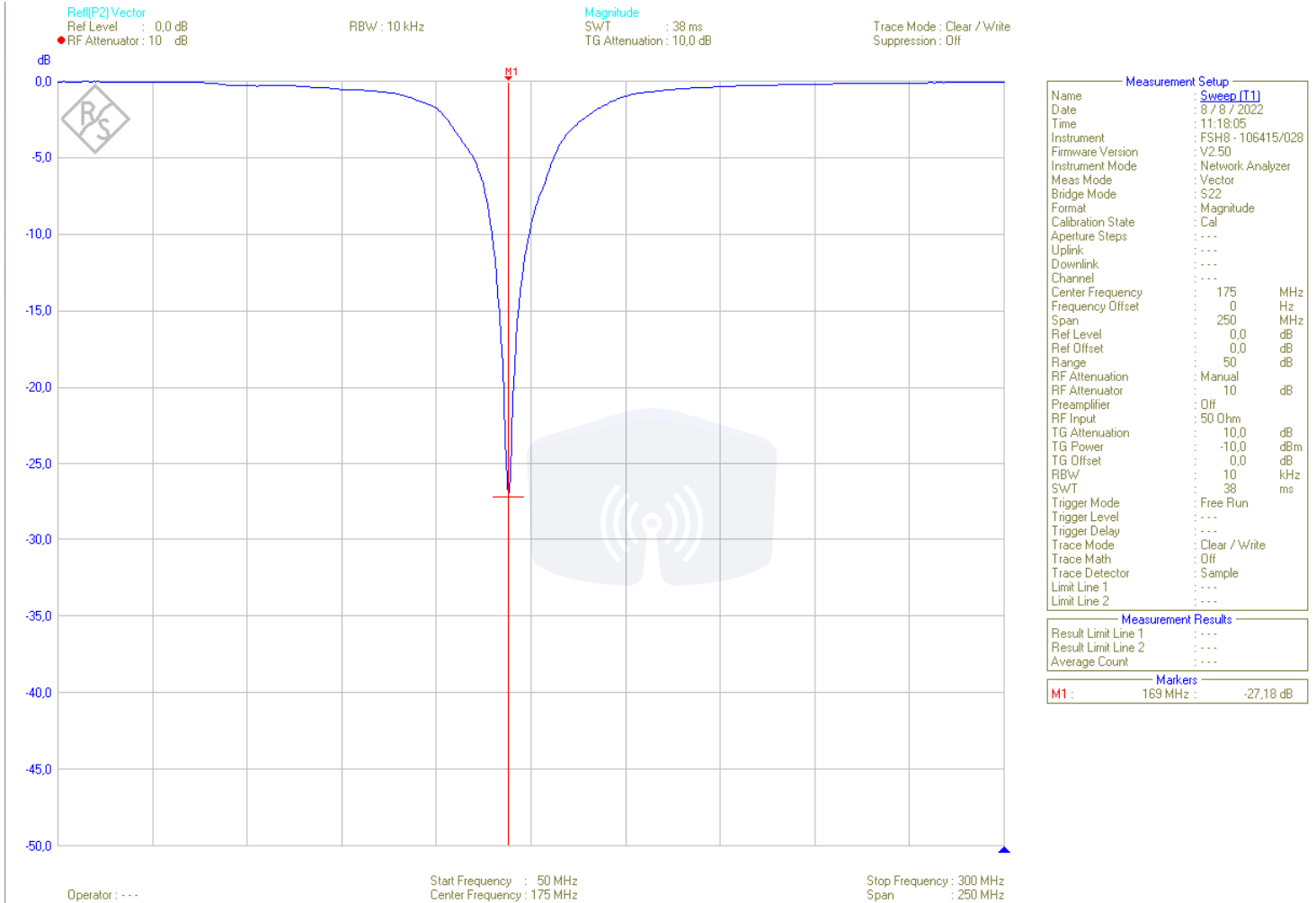
Markers		
M1	: 169 MHz	: 1,092

Operator : ---

Start Frequency : 50 MHz
 Center Frequency : 175 MHz

Stop Frequency : 300 MHz
 Span : 250 MHz

REFLECTION LOSS



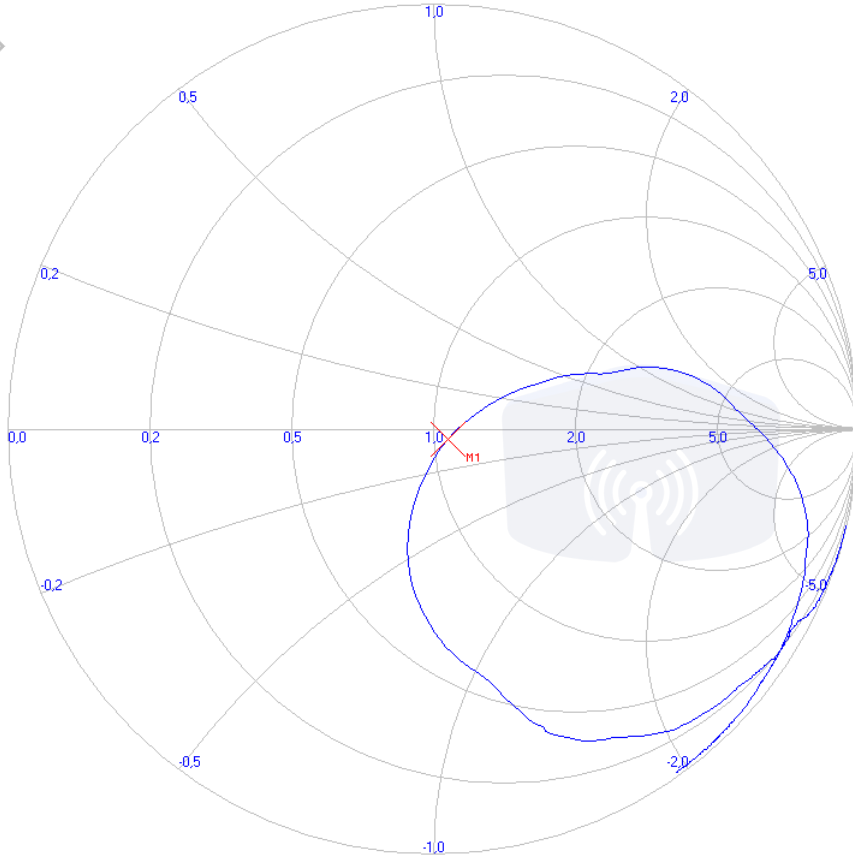
INPUT IMPEDANCE

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

RBW : 10 kHz

Smith Chart
SWT : 38 ms
TG Attenuation : 10,0 dB

Trace Mode : Clear / Write
Suppression : Off



Measurement Setup		
Name	Sweep [1]	
Date	8 / 8 / 2022	
Time	11:18:05	
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	175	MHz
Frequency Offset	0	Hz
Span	250	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	38	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 :	169 MHz :	1,092 - j3,07 Ohm

Operator : ---

Start Frequency : 50 MHz
Center Frequency : 175 MHz

Stop Frequency : 300 MHz
Span : 250 MHz

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Order Details

Order Link:

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

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