

KVY-195-ESHB

OMNIDIRECTIONAL





VERSİYON: 1.1


TARİH: 06.08.2022

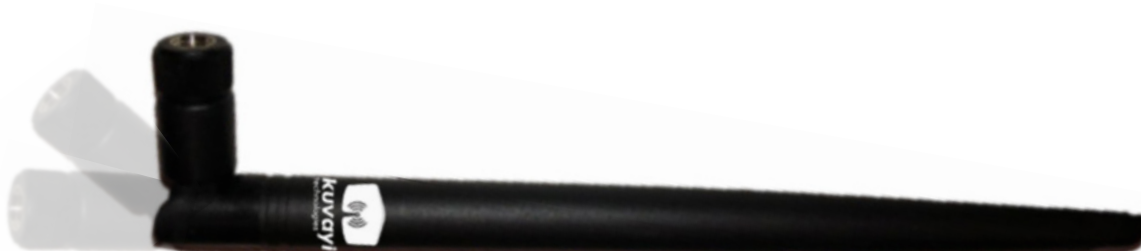
KUVAYI TECHNOLOGIES A.Ş

PROPERTIES

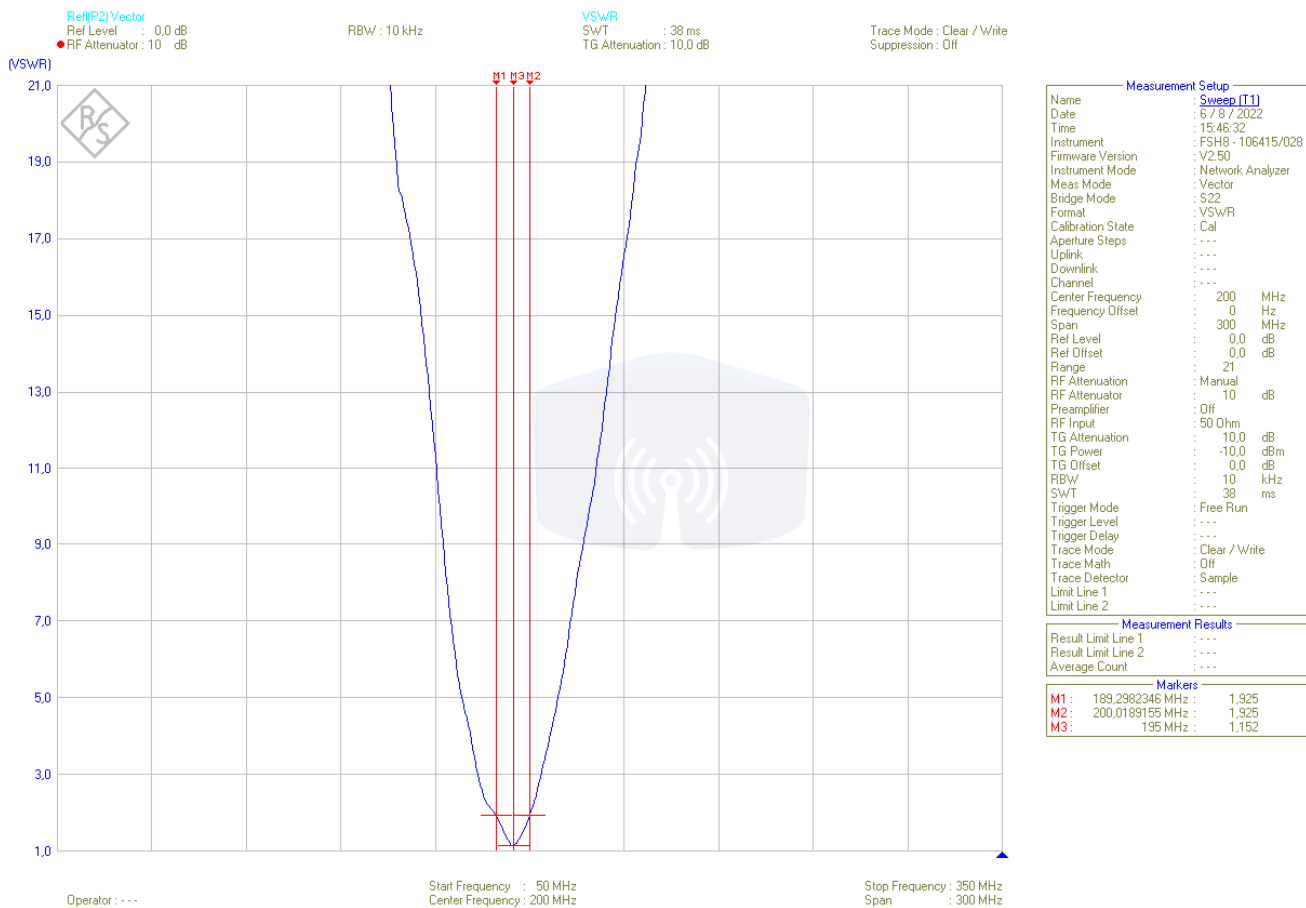
ELECTRICAL 	
Model	KVY-195-ESHB
Frequency	195 MHz
Pattern Type	Omni Directional
Polarization	Vertical
Impedance	50 Ω
Gain	2 dBi
VSWR	< 1.5:1
Bandwidth	190-200 MHz
Maximum Input Power	50W

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

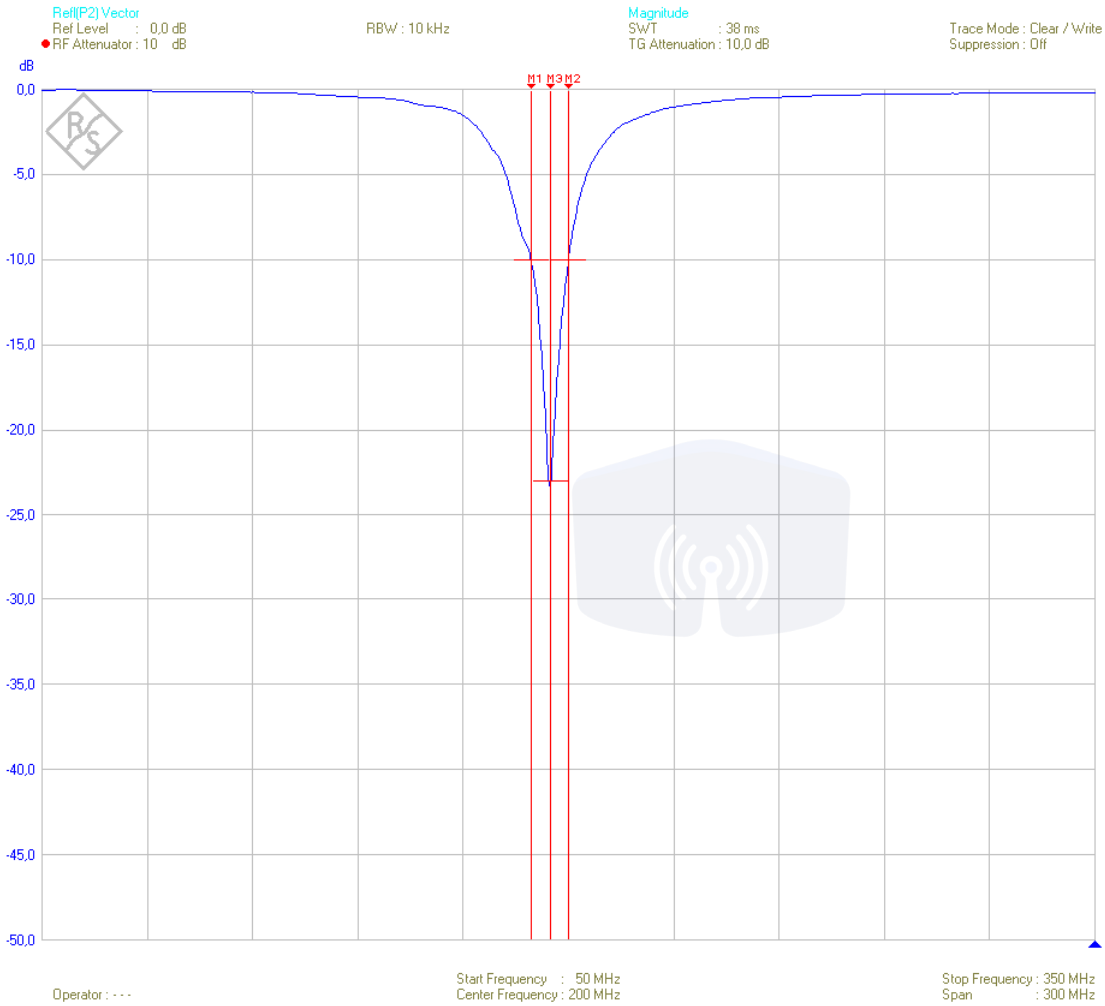
ENVIRONMENT CONDITION 	
Operational Working Temperature	-30° to +60°C
Storage Temperature	-30° to +75°C
IP Protection Class	



VSWR



REFLECTION LOSS



Measurement Setup	
Name	: Sweep (T1)
Date	: 6 / 8 / 2022
Time	: 15:46:32
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	: 200 MHz
Frequency Offset	: 0 Hz
Span	: 300 MHz
Ref Level	: 0,0 dB
Ref Offset	: 0,0 dB
Range	: 50 dB
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	: 189,2982346 MHz : -10,00 dB
M2	: 200,0189155 MHz : -10,00 dB
M3	: 195 MHz : -23,00 dB

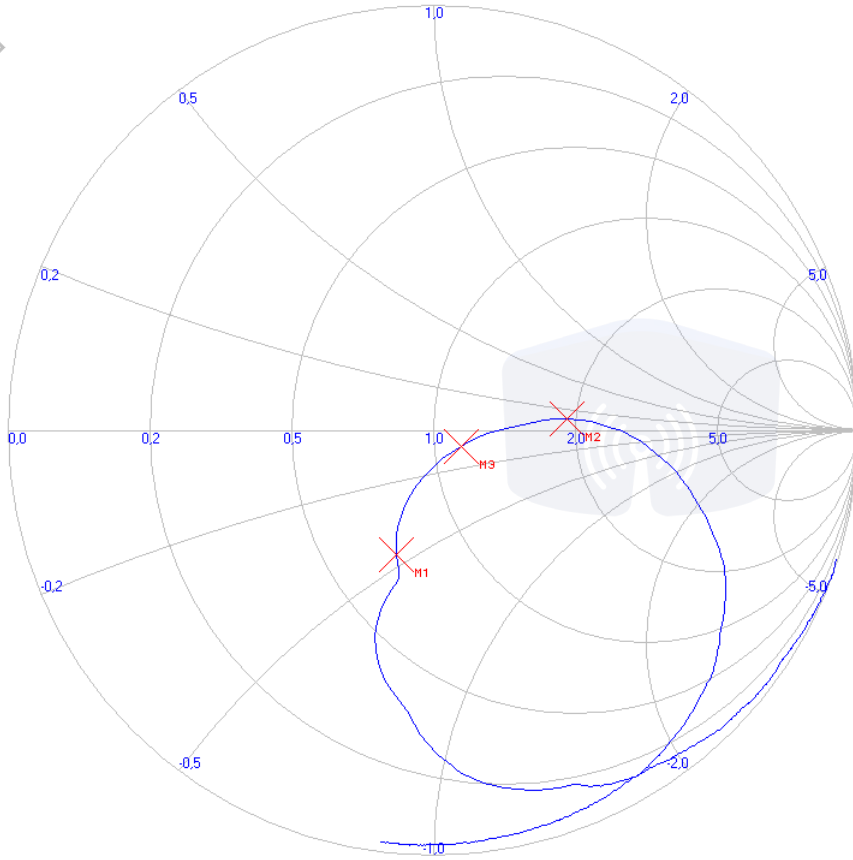
INPUT IMPEDANCE

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	: 6/7/2022
Time	: 15:46:32
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	: 200 MHz
Frequency Offset	: 0 Hz
Span	: 300 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	: 189.2982346 MHz : 1.925 - j23.7 Ohm
M2	: 200.0189155 MHz : 1.925 + j5.81 Ohm
M3	: 195 MHz : 1.152 - j5.24 Ohm

Operator : ---

Start Frequency : 50 MHz
Center Frequency : 200 MHz

Stop Frequency : 350 MHz
Span : 300 MHz



Order Details

Order Link:

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

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