

KVY-315-ESHB-IPEX

OMNIDIRECTIONAL





VERSİYON: 1.1


TARİH: 06.08.2022

KUVAYI TECHNOLOGIES A.Ş

PROPERTIES

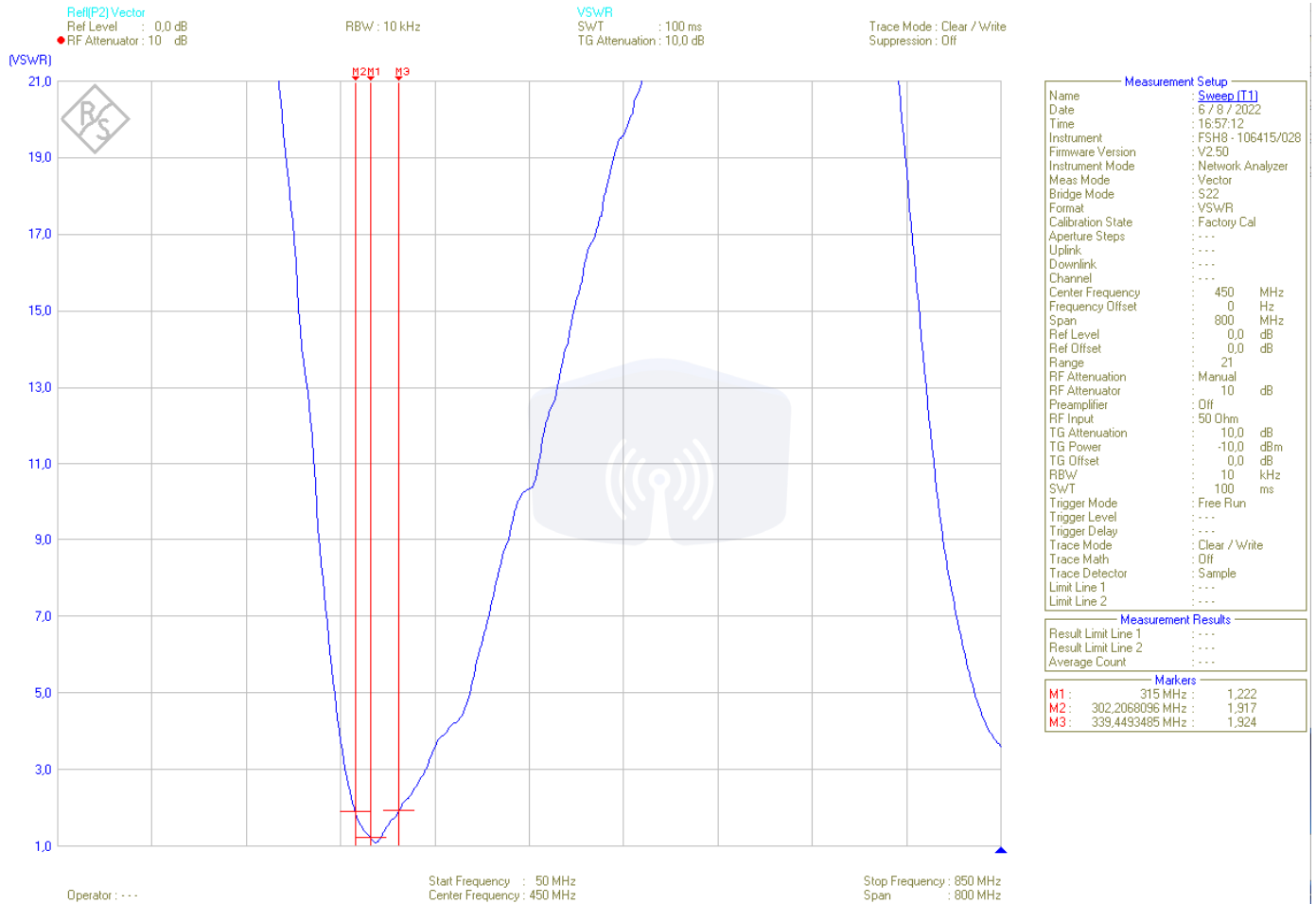
ELECTRICAL 	
Model	KVY-315-ESHB-IPEX
Frequency	315 MHz
Pattern Type	Omni Directional
Polarization	Vertical
Impedance	50 Ω
Gain	2 dBi
VSWR	< 1.5:1
Bandwidth	300-340 MHz
Maximum Input Power	50W

MECHANIC 	
Connector Type	IPEX
Antenna Colour	Black
Length	165 mm
Diameter	10 mm
Weight	14 gr

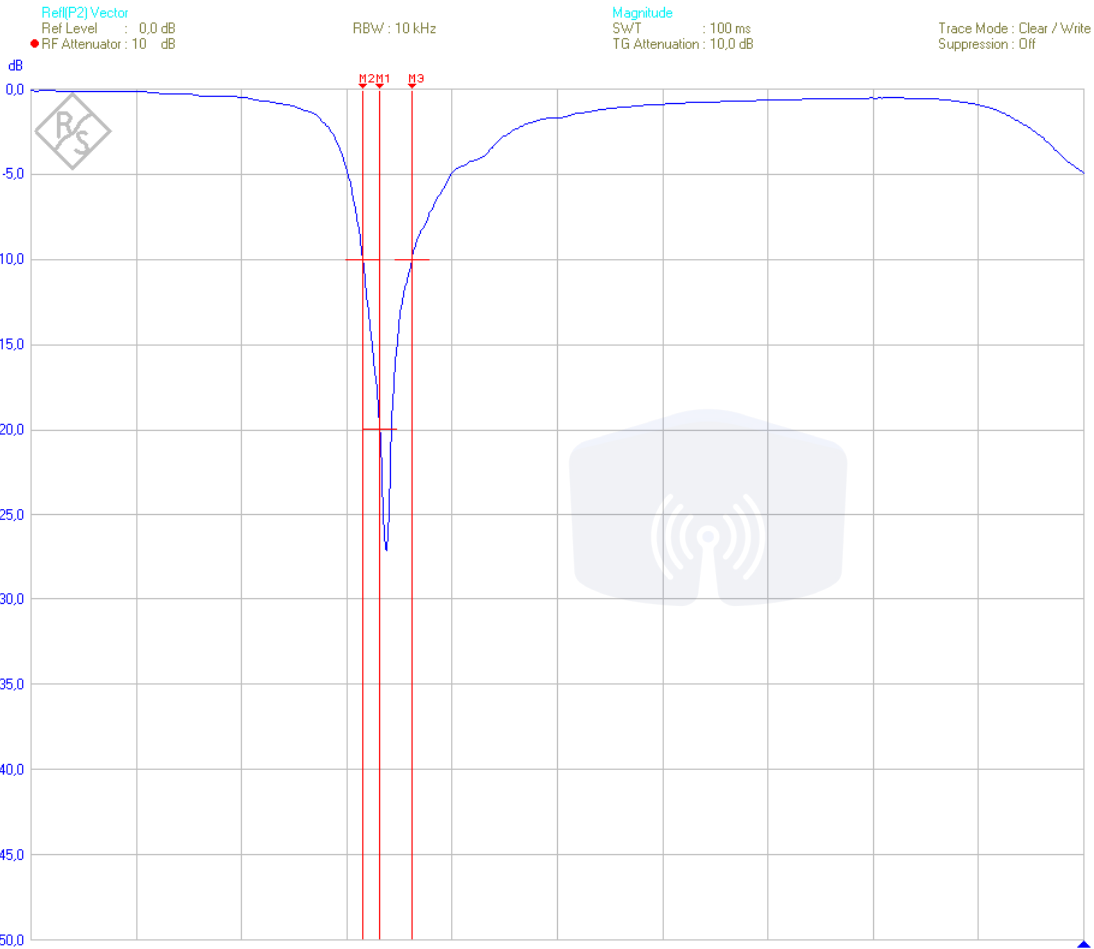
ENVIRONMENT CONDITION 	
Operational Working Temperature	-30° to +60°C
Storage Temperature	-30° to +75°C
IP Protection Class	-



VSWR



REFLECTION LOSS



Measurement Setup	
Name	Sweep (T1)
Date	6 / 8 / 2022
Time	16:57:12
Instrument	FSH8 - 106415/028
Firmware Version	V2.50
Instrument Mode	Network Analyzer
Meas Mode	Vector
Bridge Mode	S22
Format	Magnitude
Calibration State	Factory Cal
Aperture Steps	---
Uplink	---
Downlink	---
Channel	---
Center Frequency	450 MHz
Frequency Offset	0 Hz
Span	800 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	100 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	315 MHz : -20,02 dB
M2	302,2068096 MHz : -10,05 dB
M3	339,4493485 MHz : -10,00 dB

Operator : ...

Start Frequency : 50 MHz
 Center Frequency : 450 MHz

Stop Frequency : 850 MHz
 Span : 800 MHz

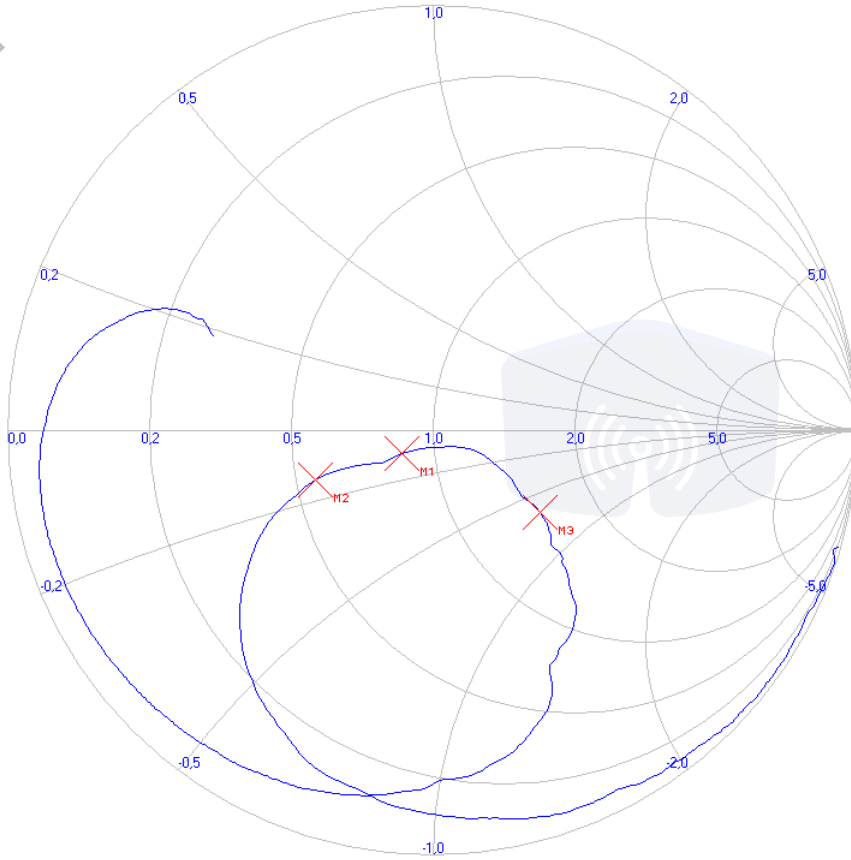
INPUT IMPEDANCE

Retl(P2) Vector
Ref Level : 0,0 dB
RF Attenuator: 10 dB

RBW : 10 kHz

Smith Chart
SWT : 100 ms
TG Attenuation: 10,0 dB

Trace Mode : Clear / Write
Suppression : Off



Measurement Setup		
Name	: Sweep [T1]	
Date	: 6 / 8 / 2022	
Time	: 16:57:12	
Instrument	: FSH8 - 106415/028	
Firmware Version	: V2.50	
Instrument Mode	: Network Analyzer	
Meas Mode	: Vector	
Bridge Mode	: S22	
Format	: Smith Chart	
Calibration State	: Factory Cal	
Aperture Steps	: ---	
Uplink	: ---	
Downlink	: ---	
Channel	: ---	
Center Frequency	: 450	MHz
Frequency Offset	: 0	Hz
Span	: 800	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	: 100	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	: 315 MHz	: 1,222 - j5,04 Ohm
M2	: 302,2068096 MHz	: 1,917 - j7,45 Ohm
M3	: 339,4493485 MHz	: 1,924 - j32,2 Ohm

Operator : ---

Start Frequency : 50 MHz
Center Frequency : 450 MHz

Stop Frequency : 850 MHz
Span : 800 MHz

Order Details

Order Link:

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

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