

KVY-5500M-DPL-B

OMNIDIRECTIONAL





VERSİYON: 1.1


TARİH: 06.08.2022

KUVAYI TECHNOLOGIES A.Ş

## PROPERTIES

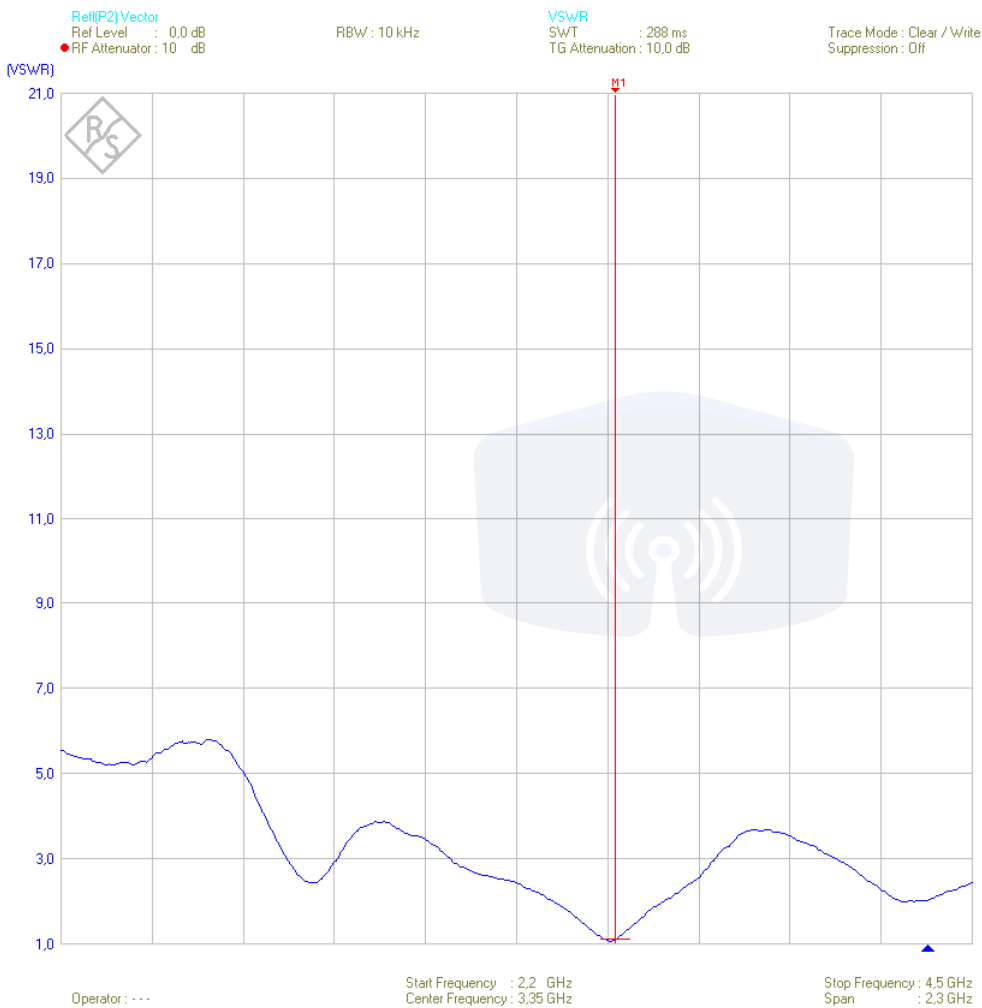
ELECTRICAL 	
Model	KVY-5500M-DPL-B
Frequency	5500 MHz
Pattern Type	Omni Directional
Polarization	Vertical
Impedance	50 $\Omega$
Gain	2 dBi
VSWR	< 1.5:1
Bandwidth	5100-6500 MHz
Maximum Input Power	50W

MECHANIC 	
Connector Type	SMA Plug (male) (0°,45°,90°)
Antenna Colour	Black
Lenght	130 mm
Diameter	15 mm
Weight	14 gr

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



# VSWR

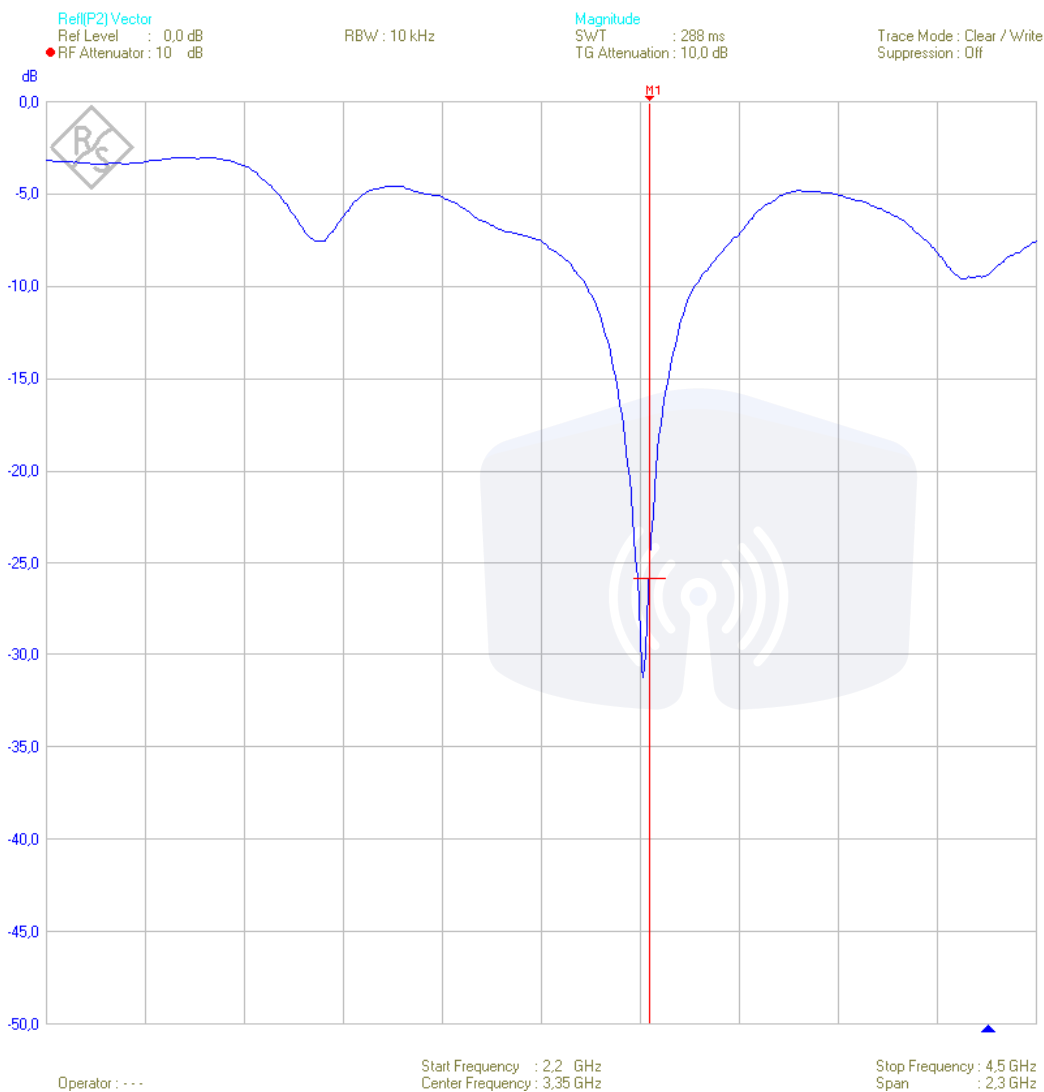


Measurement Setup	
Name	Sweep [T1]
Date	23 / 8 / 2022
Time	10:49:32
Instrument	FSH8 - 106415/028
Firmware Version	V2.50
Instrument Mode	Network Analyzer
Meas Mode	Vector
Bridge Mode	S22
Format	VSWR
Calibration State	Cal
Aperture Steps	---
Uplink	---
Downlink	---
Channel	---
Center Frequency	3,35 GHz
Frequency Offset	0 Hz
Span	2,3 GHz
Ref Level	0,0 dB
Ref Offset	0,0 dB
Range	21
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	288 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:	3,6 GHz : 1,108

# REFLECTION LOSS



Measurement Setup	
Name	Sweep (T1)
Date	23 / 8 / 2022
Time	10:49:32
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	3,35 GHz
Frequency Offset	0 Hz
Span	2,3 GHz
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	288 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 :	3,6 GHz : -25,85 dB

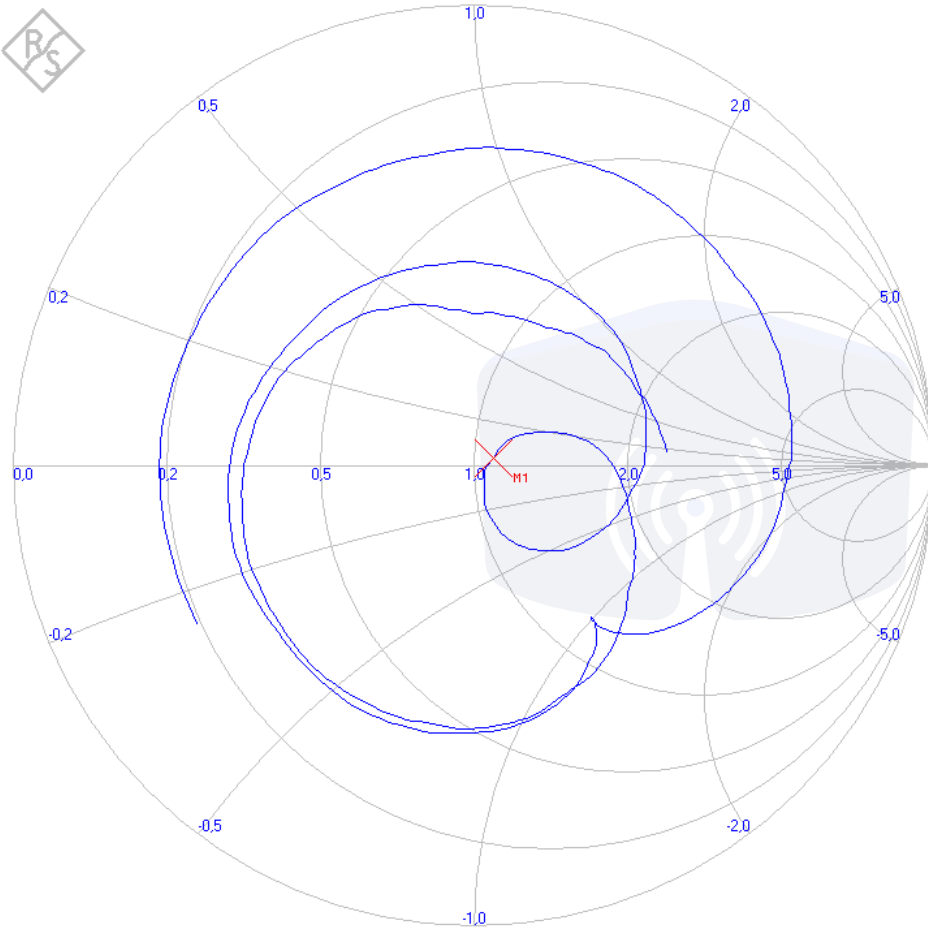
# INPUT IMPEDANCE

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

RBW : 10 kHz

Smith Chart  
SWT : 288 ms  
TG Attenuation : 10,0 dB

Trace Mode : Clear / Write  
Suppression : Off



Measurement Setup		
Name	Sweep [T1]	
Date	23 / 8 / 2022	
Time	10:49:32	
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	3,35	GHz
Frequency Offset	0	Hz
Span	2,3	GHz
Ref Level	0,0	dB
Ref Offset	0,0	dB
Range	21	
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	288	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 :	3,6 GHz :	1,108 + j2,38 Ohm

Operator : ---

Start Frequency : 2,2 GHz  
Center Frequency : 3,35 GHz

Stop Frequency : 4,5 GHz  
Span : 2,3 GHz

## Order Details

Order Link:

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

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