

KVY-1570M-DPL-B

OMNIDIRECTIONAL





VERSİYON: 1.1


TARİH: 06.08.2022

KUVAYI TECHNOLOGIES A.Ş

PROPERTIES

ELECTRICAL 	
Model	KVY-1570M-DPL-B
Frequency	1570 MHz
Pattern Type	Omni Directional
Polarization	Vertical
Impedance	50 Ω
Gain	2 dBi
VSWR	< 1.5:1
Bandwidth	1510-1630 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	



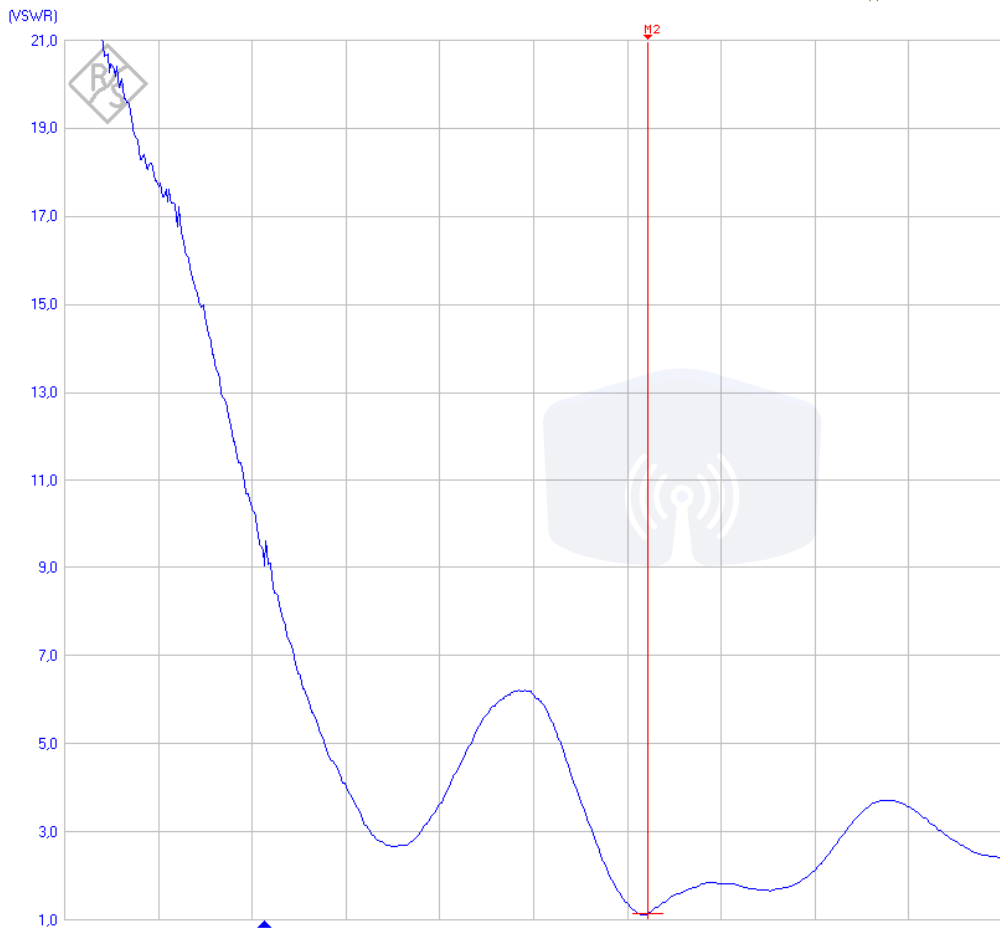
VSWR

Ref(IP2) Vector
 Ref Level : 0.0 dB
 RF Attenuator: 10 dB

RBW: 10 kHz

VSWR
 SWT : 175 ms
 TG Attenuation: 10.0 dB

Trace Mode: Clear / Write
 Suppression: Off



Measurement Setup	
Name	: Sweep (T1)
Date	: 19 / 8 / 2022
Time	: 13:48:09
Instrument	: FSH8 - 106415/028
Firmware Version	: V2.50
Instrument Mode	: Network Analyzer
Meas Mode	: Vector
Bridge Mode	: S22
Format	: VSWR
Calibration State	: Interp
Aperture Steps	: ---
Uplink	: ---
Downlink	: ---
Channel	: ---
Center Frequency	: 1.4 GHz
Frequency Offset	: 0 Hz
Span	: 1.4 GHz
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	: 175 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	: ---

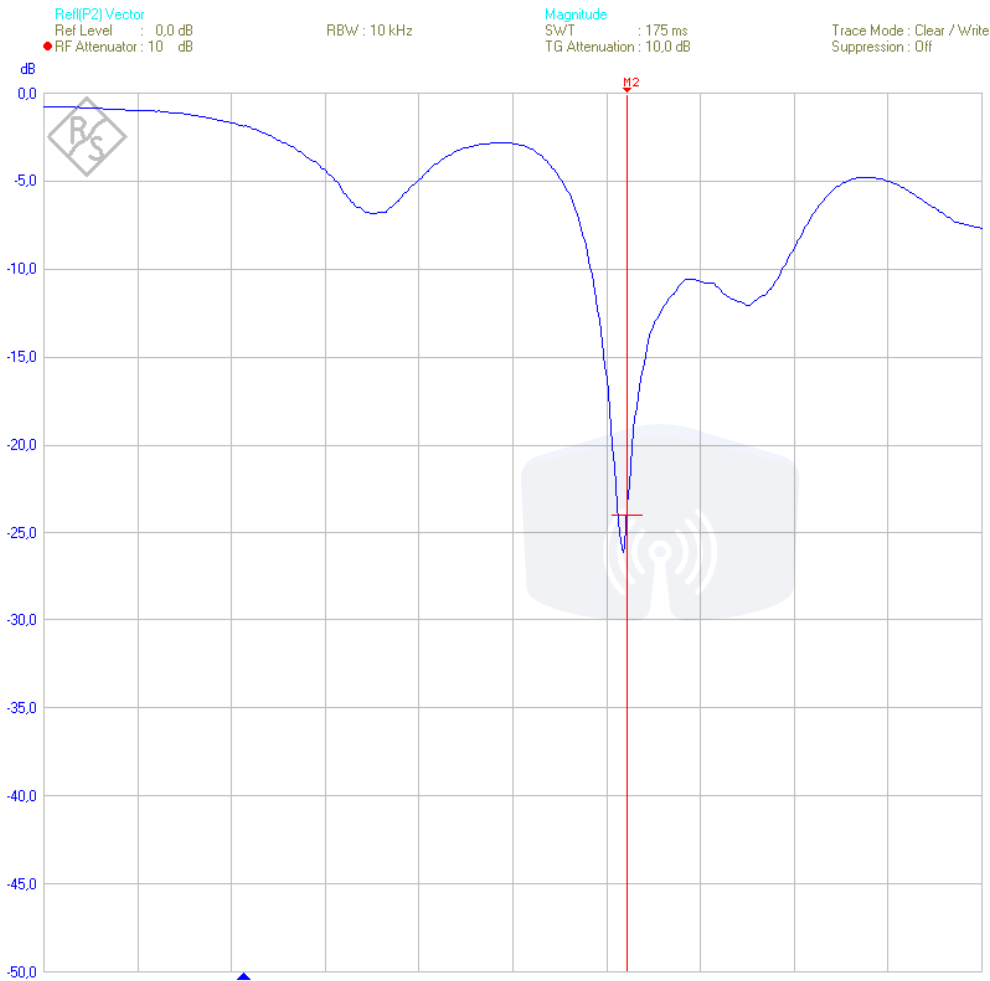
Markers	
M2:	1.57 GHz : 1.135

Operator: ---

Start Frequency : 700 MHz
 Center Frequency : 1.4 GHz

Stop Frequency : 2.1 GHz
 Span : 1.4 GHz

REFLECTION LOSS



Measurement Setup

Name	Sweep [1]	
Date	19 / 8 / 2022	
Time	13:48:09	
Instrument	FSH8 - 106415/028	
Firmware Version	V2.50	
Instrument Mode	Network Analyzer	
Meas Mode	Vector	
Bridge Mode	S22	
Format	Magnitude	
Calibration State	Interp	
Aperture Steps	---	
Uplink	---	
Downlink	---	
Channel	---	
Center Frequency	1.4	GHz
Frequency Offset	0	Hz
Span	1.4	GHz
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	175	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

M2:	1.57 GHz	-24.01 dB
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Operator: ---

Start Frequency : 700 MHz
 Center Frequency : 1.4 GHz

Stop Frequency : 2.1 GHz
 Span : 1.4 GHz

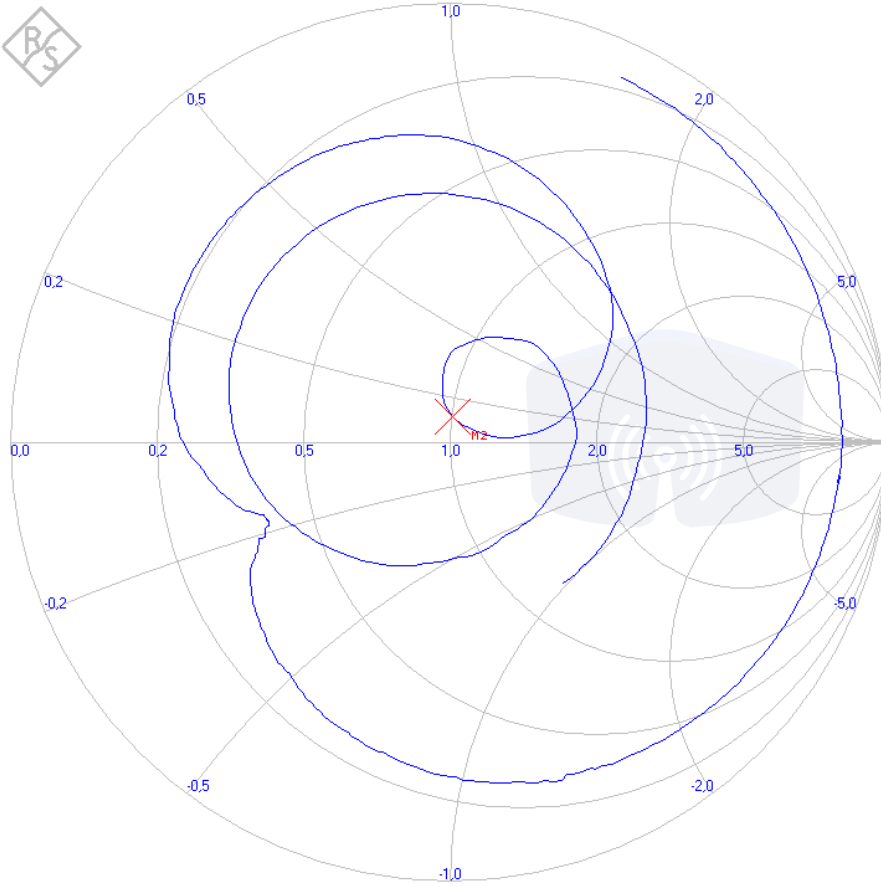
INPUT IMPEDANCE

Ref[P2] Vector
Ref Level : 0.0 dB
RF Attenuator : 10 dB

RBW : 10 kHz

Smith Chart
SWT : 175 ms
TG Attenuation : 10.0 dB

Trace Mode : Clear / Write
Suppression : Off



Measurement Setup		
Name	Sweep [I1]	
Date	19 / 8 / 2022	
Time	13:48:09	
Instrument	FSH8 - 106415/028	
Firmware Version	V2.50	
Instrument Mode	Network Analyzer	
Meas Mode	Vector	
Bridge Mode	S22	
Format	Smith Chart	
Calibration State	Interp	
Aperture Steps	----	
Uplink	----	
Downlink	----	
Channel	----	
Center Frequency	1.4	GHz
Frequency Offset	0	Hz
Span	1.4	GHz
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	175	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		
M2:	1.57 GHz	1,135 + j6,31 Ohm

Operator : ---

Start Frequency : 700 MHz
Center Frequency : 1.4 GHz

Stop Frequency : 2.1 GHz
Span : 1.4 GHz

Order Details

Order Link:

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

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