

KVY-TRBND-ELT

OMNIDIRECTIONAL





VERSION: 1.1


DATE: 24.04.2022

KUVAYI TECHNOLOGIES A.Ş

PROPERTIES

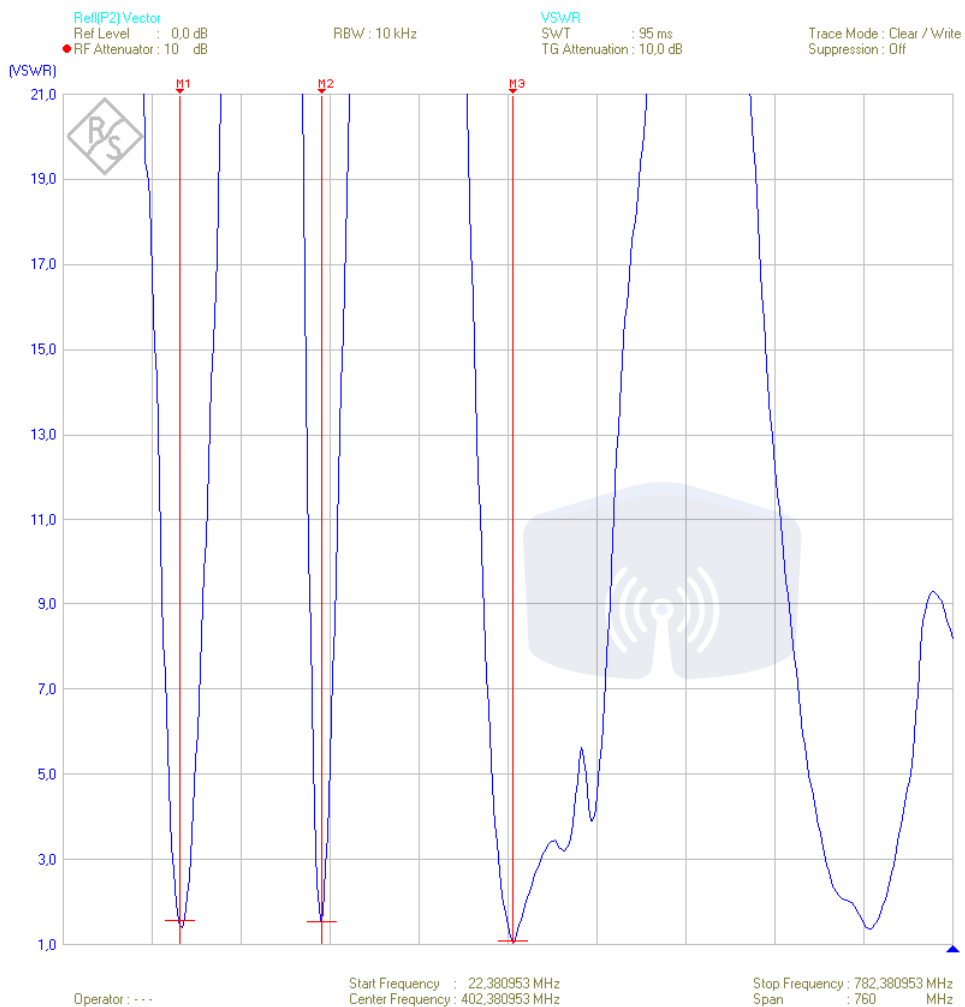
ELECTRICAL 	
Model	KVY-TRBND-ELT
Frequency	121.5 / 243 /406 MHz
Pattern type	Omnidirectional
Polarization	vertical
Impedance	50 Ω
Gain	1.4 (121.5 MHz) 1.5 (243 MHz) 1.5 (406 MHz)
VSWR	1.5 (121.5 MHz) 1.5 (243 MHz) 1.2 (406 MHz)
Bandwidth	121.5 MHz / 9MHz 243 mhZ / 5 MHz 406 MHz / 19 MHz
Maximum Input Power	50W

MECHANICAL 	
Connector Type	N male RP
Antenna Colour	Black
Length	400 mm
Diameter	10 mm
Weight	

ENVIRONMENT CONDITION 	
Operational working temprature	-30° to +60°C
Storage temperature	-30° to +75°C
IP protection class	

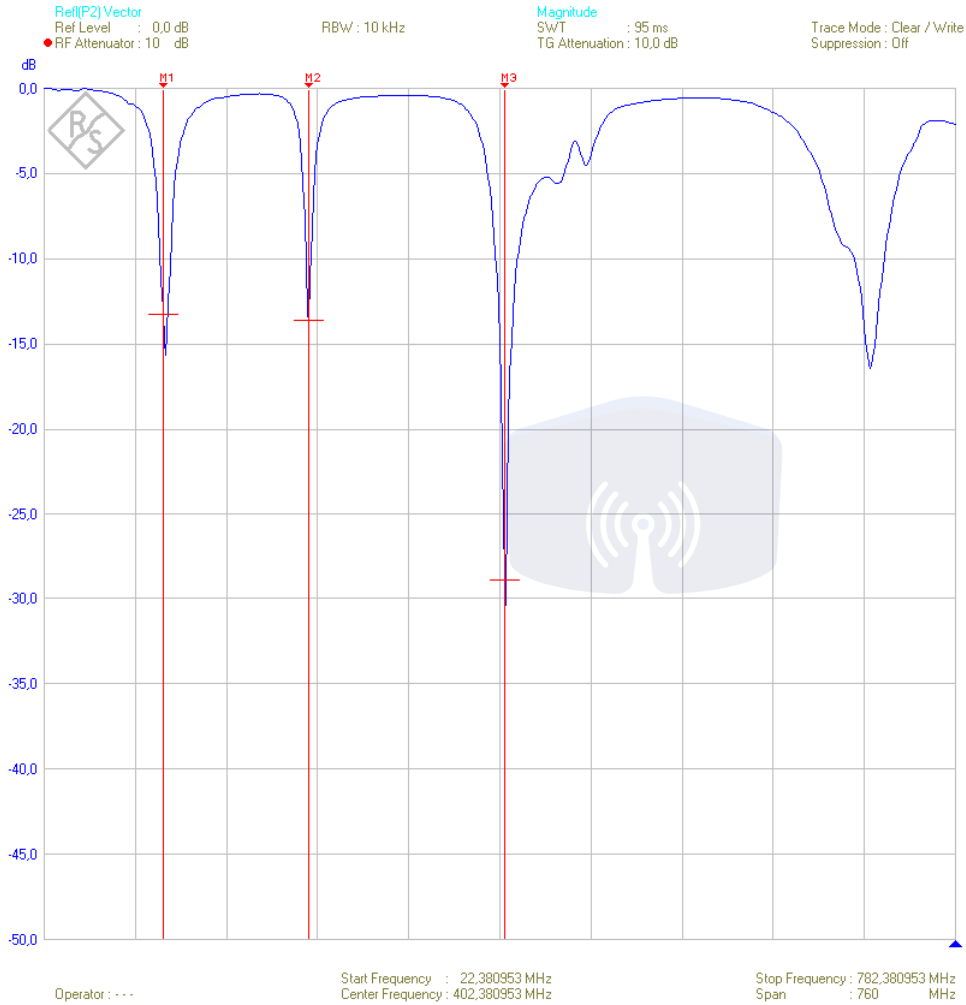


VSWR



Measurement Setup	
Name	Sweep [11]
Date	15/10/2022
Time	10:21:15
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	402,380,953 MHz
Frequency Offset	0 Hz
Span	760 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	95 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 :	121,5 MHz : 1,551
M2 :	243 MHz : 1,527
M3 :	406 MHz : 1,075

REFLECTION LOSS

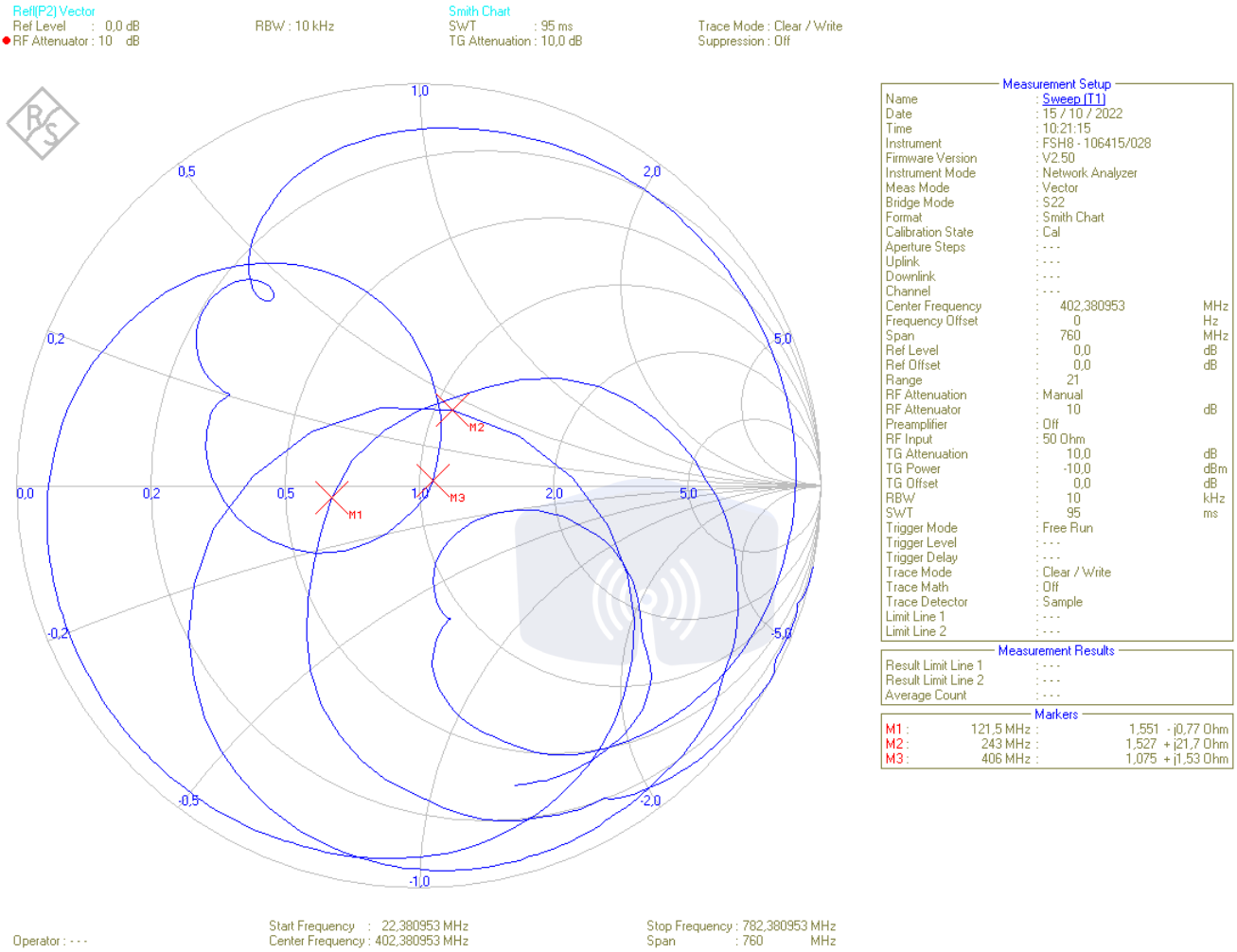


Measurement Setup	
Name	Sweep (T1)
Date	15 / 10 / 2022
Time	10:21:15
Instrument	FSH8 - 106415/028
Firmware Version	V2.50
Instrument Mode	Network Analyzer
Meas Mode	Vector
Bridge Mode	S22
Format	Magnitude
Calibration State	Cal
Aperture Steps	---
Uplink	---
Downlink	---
Channel	---
Center Frequency	402.380953 MHz
Frequency Offset	0 Hz
Span	760 MHz
Ref Level	0.0 dB
Ref Offset	0.0 dB
Range	50 dB
RF Attenuation	Manual dB
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	95 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 :	121.5 MHz : -13.31 dB
M2 :	243 MHz : -13.61 dB
M3 :	406 MHz : -28.85 dB

INPUT IMPEDANCE



Order Details

Order Link:

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

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