

KVY-1400M-DPL-B

OMNIDIRECTIONAL





VERSİYON: 1.1


TARİH: 30.07.2022

KUVAYI TECHNOLOGIES A.Ş

## PROPERTIES

| ELECTRICAL  |                  |
|--|------------------|
| Model  | KVY-1P4G-DPL-B   |
| Frequency  | 1400 MHz         |
| Pattern Type   | Omni Directional |
| Polarization   | Vertical         |
| Impedance  | 50 $\Omega$      |
| Gain   | 2 dBi            |
| VSWR   | < 1.5:1          |
| Bandwidth  | 1350-1450 MHz    |
| Maximum Input Power  | 50W              |

| MECHANIC  |                              |
|--|------------------------------|
| Connector Type   | SMA Plug (male) (0°,45°,90°) |
| Antenna Colour   | Black                        |
| Lenght   | 200 mm                       |
| Diameter   | 15 mm                        |
| Weight   | 25 gr                        |

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



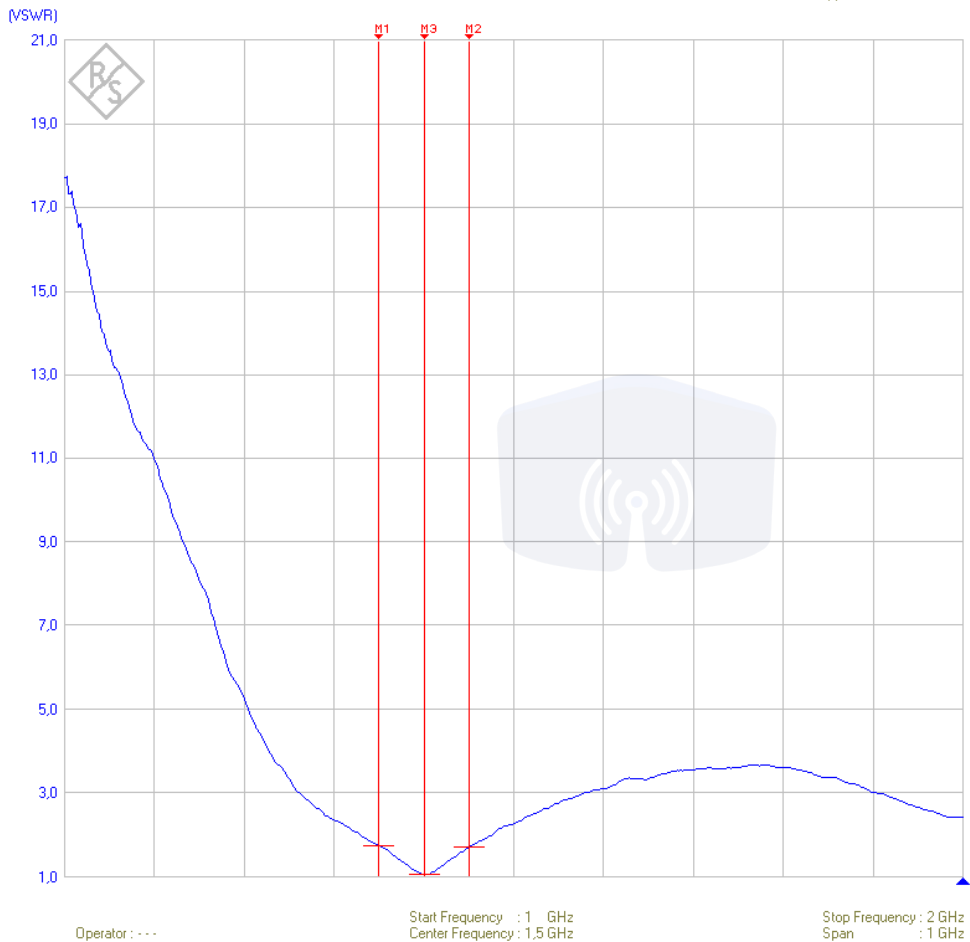
# VSWR

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

RBW : 10 kHz

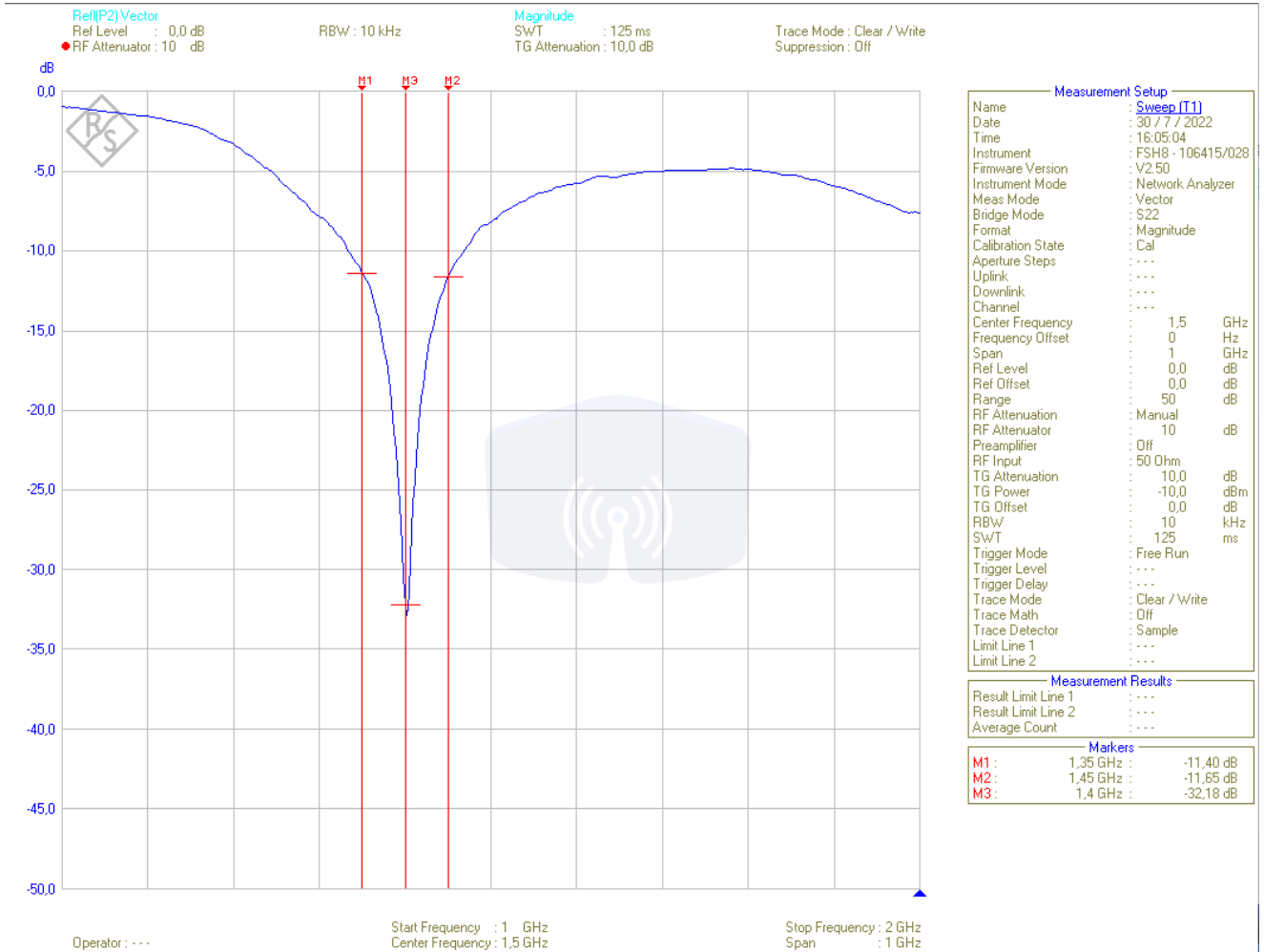
**VSWR**  
 SWT : 125 ms  
 TG Attenuation : 10,0 dB

Trace Mode : Clear / Write  
 Suppression : Off

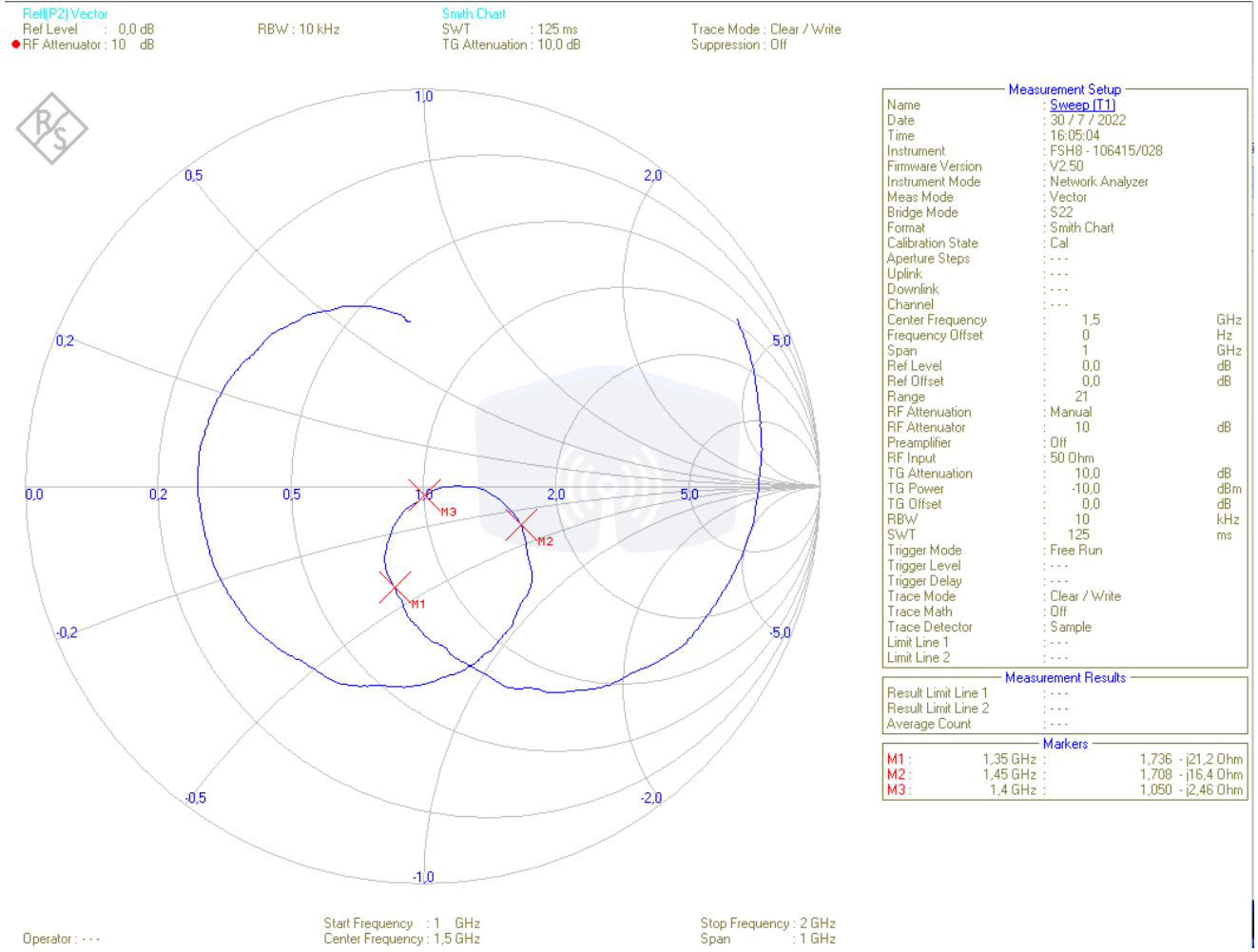


| Measurement Setup   |                   |
|---------------------|-------------------|
| Name                | Sweep [T1]        |
| Date                | 30 / 7 / 2022     |
| Time                | 16:05:04          |
| Instrument          | FSH8 - 106415/028 |
| Firmware Version    | V2.50             |
| Instrument Mode     | Network Analyzer  |
| Meas Mode           | Vector            |
| Bridge Mode         | S22               |
| Format              | VSWR              |
| Calibration State   | Cal               |
| Aperture Steps      | ...               |
| Uplink              | ...               |
| Downlink            | ...               |
| Channel             | ...               |
| Center Frequency    | 1,5 GHz           |
| Frequency Offset    | 0 Hz              |
| Span                | 1 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                 | 125 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:                 | 1,35 GHz : 1,736  |
| M2:                 | 1,45 GHz : 1,708  |
| M3:                 | 1,4 GHz : 1,050   |

# REFLECTION LOSS



# INPUT IMPEDANCE



## Order Details

Order Link:

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

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