



POINTER

RFTESTFORMVAC3.5REV.C

Revision	Prepared by	Approvedby	Date	Remarks
1.0	Rafael Yakobov		3/09/2023	Basedonallpreviousdocuments, meetings and development group sessions
1.1	Itamar Gohary		26/12/2023	SRDantennaGainaadAntennapattern

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1. **Document purpose:**

RF test (VSWR) for MVAC LTE, BLE, 433 MHz, GPS antennas. TRP, TIS test.

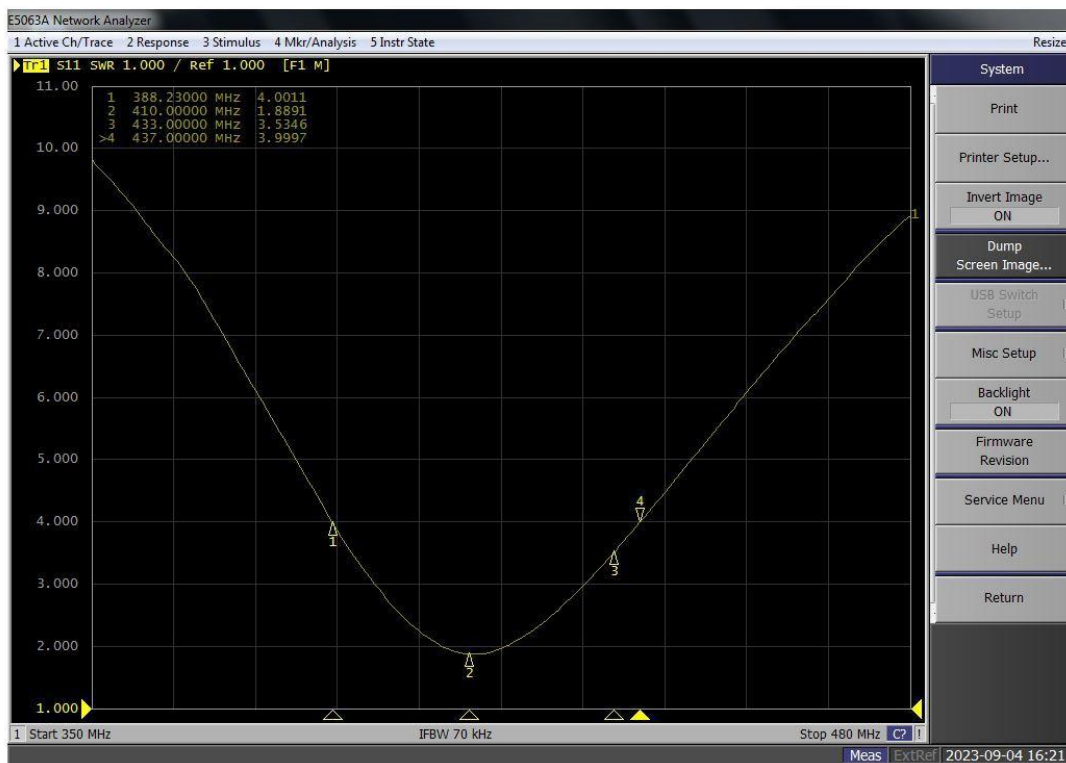
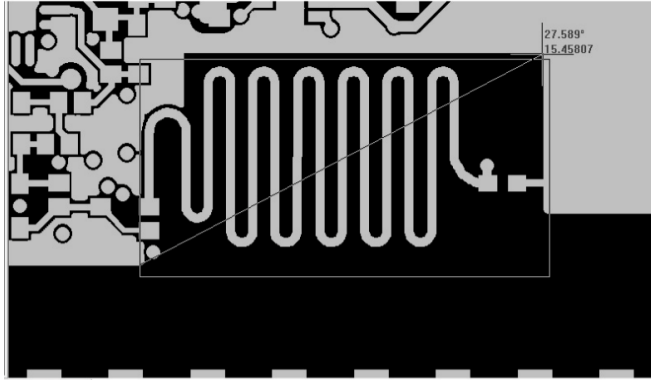
Confirm MVAC 3.5.

2. **Test Equipment and devices under test:**

- HP Network analyzer.
- MVAC 3.5.
- HP Network analyzer.
- Base station.
- Chamber.

1. 433MHz antenna for MVAC

Antenna dimensions: 13.70038mm x 7.15901 mm



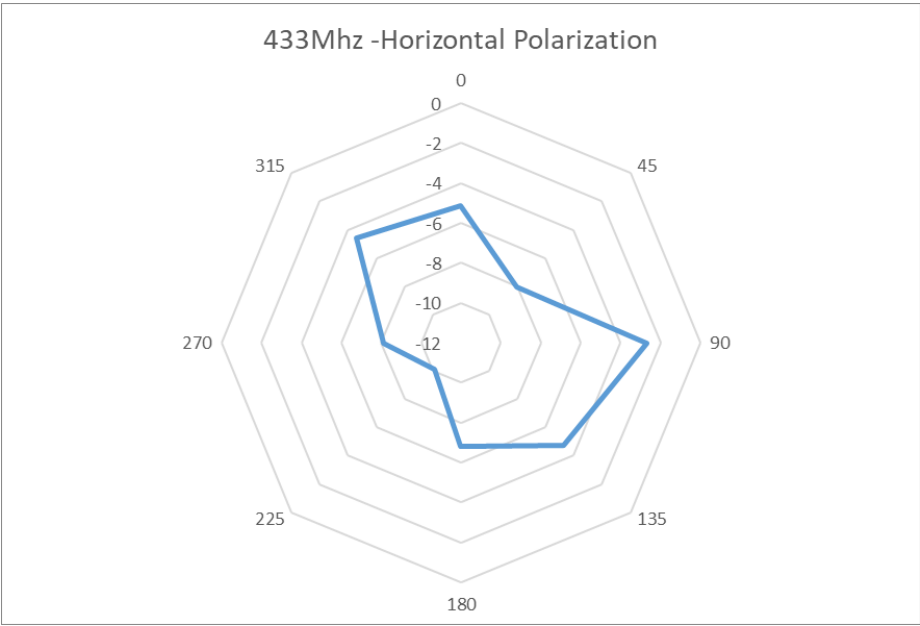
Frequency(MHz)	VSWR
388	4
410	1.88
433	3.53
437	4

SDRAntennaGainAndPattern:

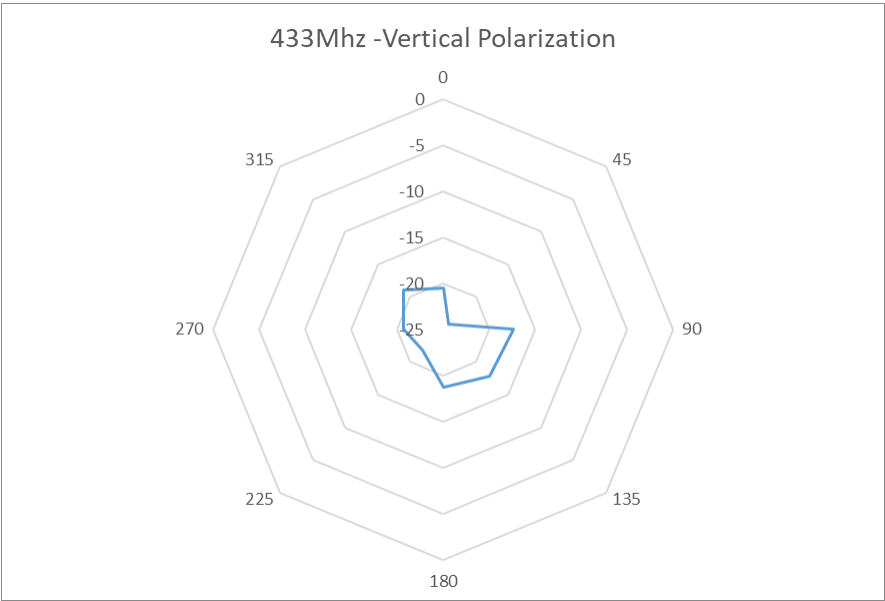
	433Mhz	315Mhz
MaxANT Gain	-2.67dBi	-27.8dBi

433Mhz:

Horizontal

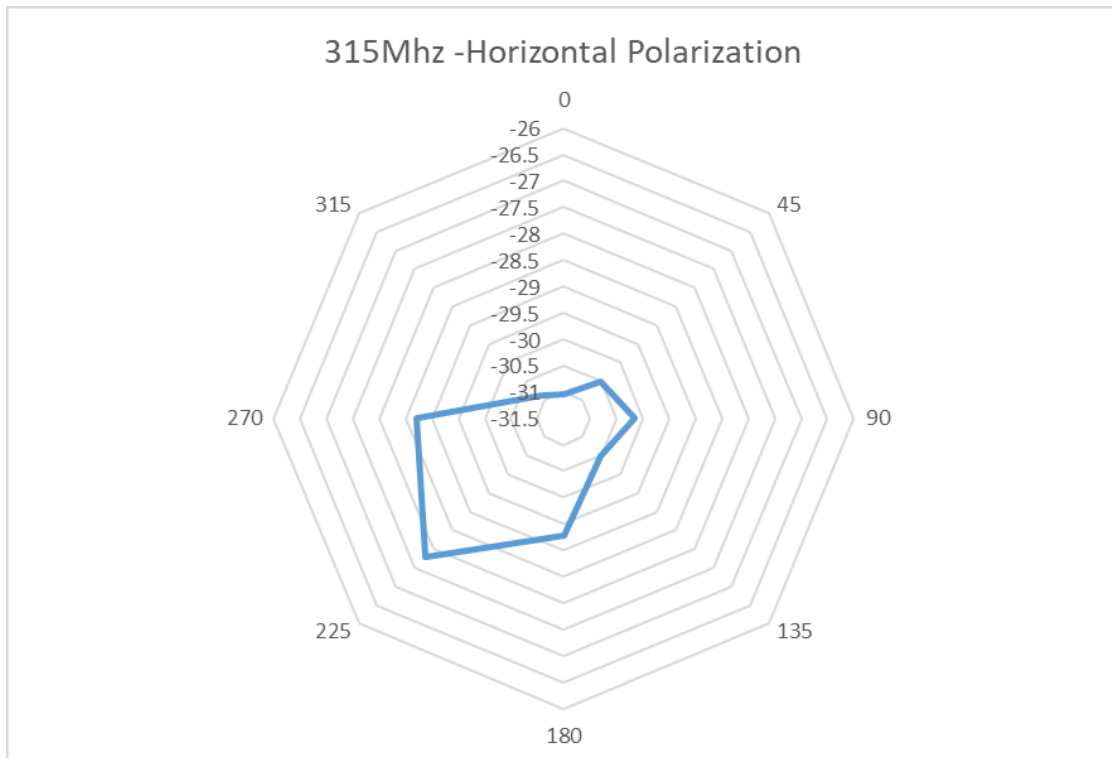


Vertical



315Mhz:

Horizontal:



Vertical:

