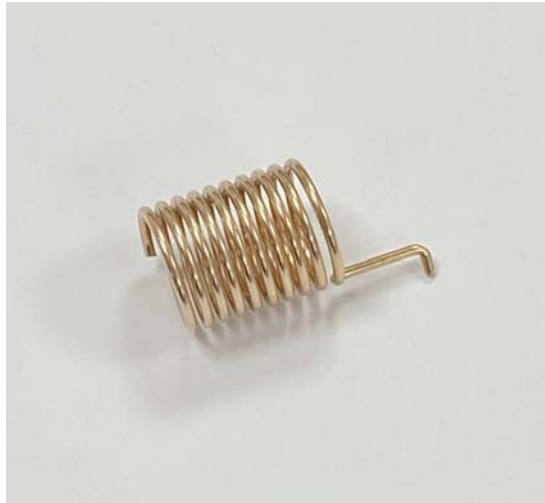


GPS Passive Antenna

MODEL: IA-1575B



1.. GENERAL DESCRIPTION

Model No	P/N
IA-1575B	IA-1575B

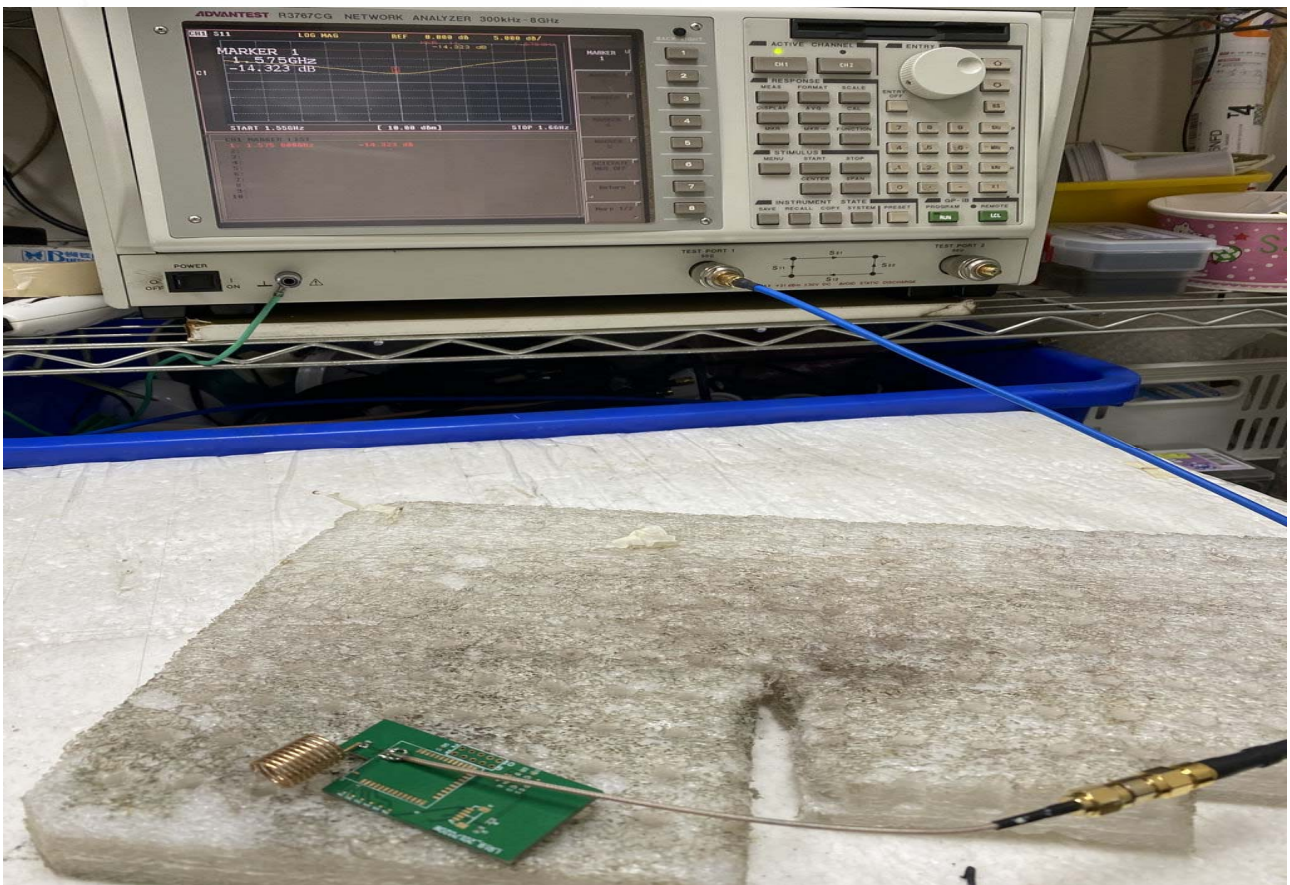
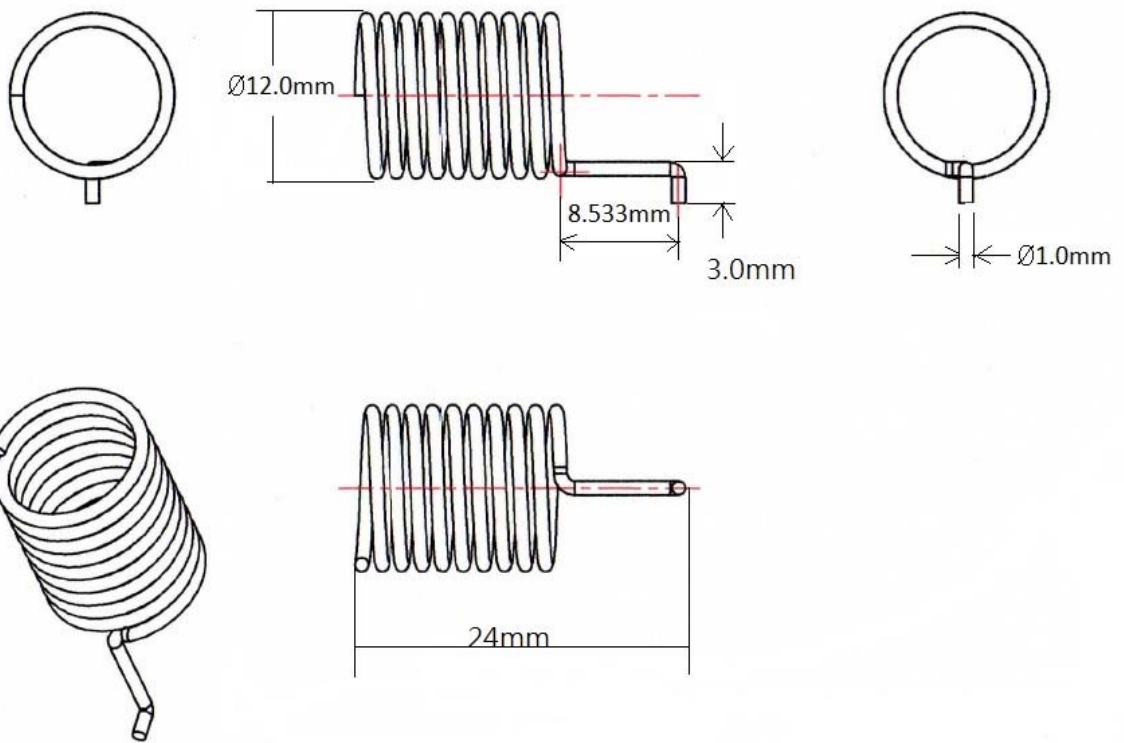
Below is a table summarizing the antenna design specification.

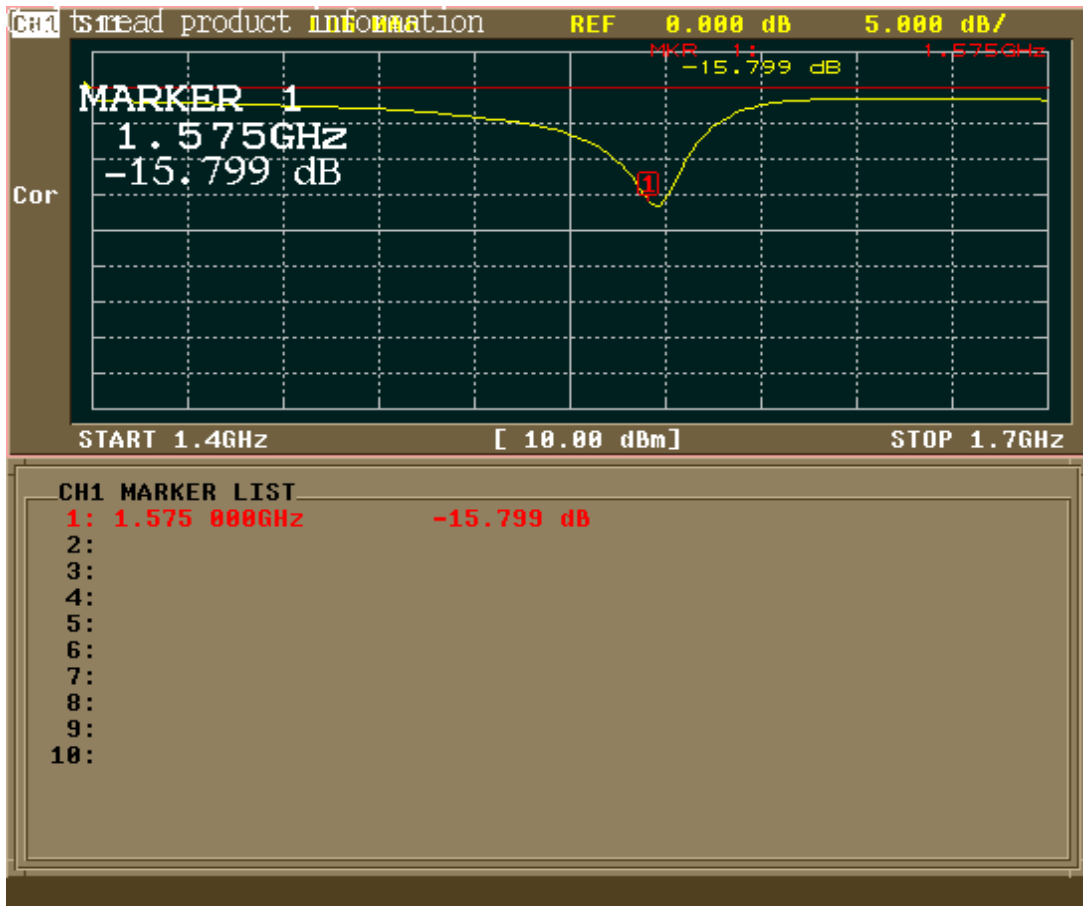
1.1 Electrical Properties

Parameter	Description
Frequency Band	1575MHz (on 29x60mm GND)
Nominal Impedance	50 ohm
Polarization	Linear
Admitted Power radiation	5W
V.S.W.R	2.0:1 Max
Antenna peak Gain	-0.84dBi

1.2 Mechanical Properties

Parameter	Description
Antenna Type	internal Antenna
Material	Copper wire
Touch Type	SMT Type
Antenna Dimensions	OD12 x 24.0mm±0.5
Antenna Color	copper
Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C





MKR

ACTIVATE MARKER
1

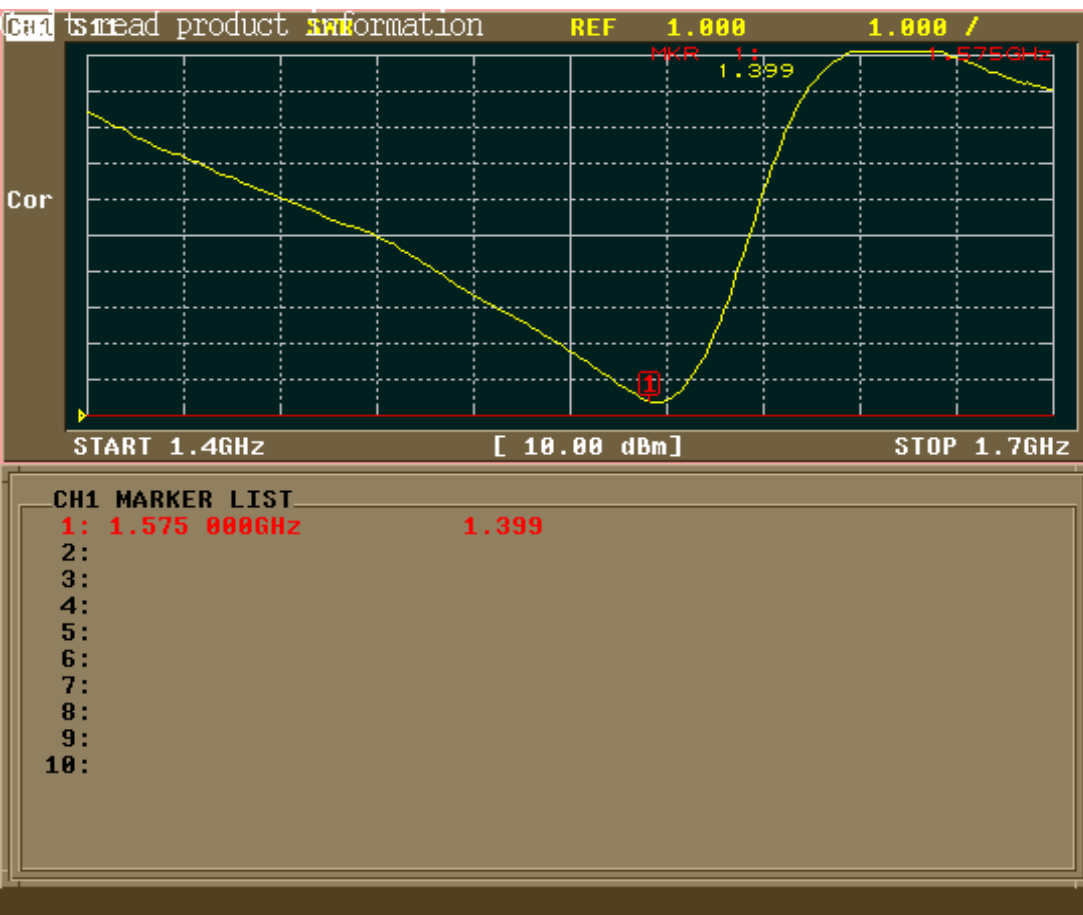
MARKER ALL OFF

MODE MENU

MKR LIST
ON OFF

SPLIT LIST
ON OFF

MARKER MODE MENU



FORMAT

SWR

REAL

IMAG

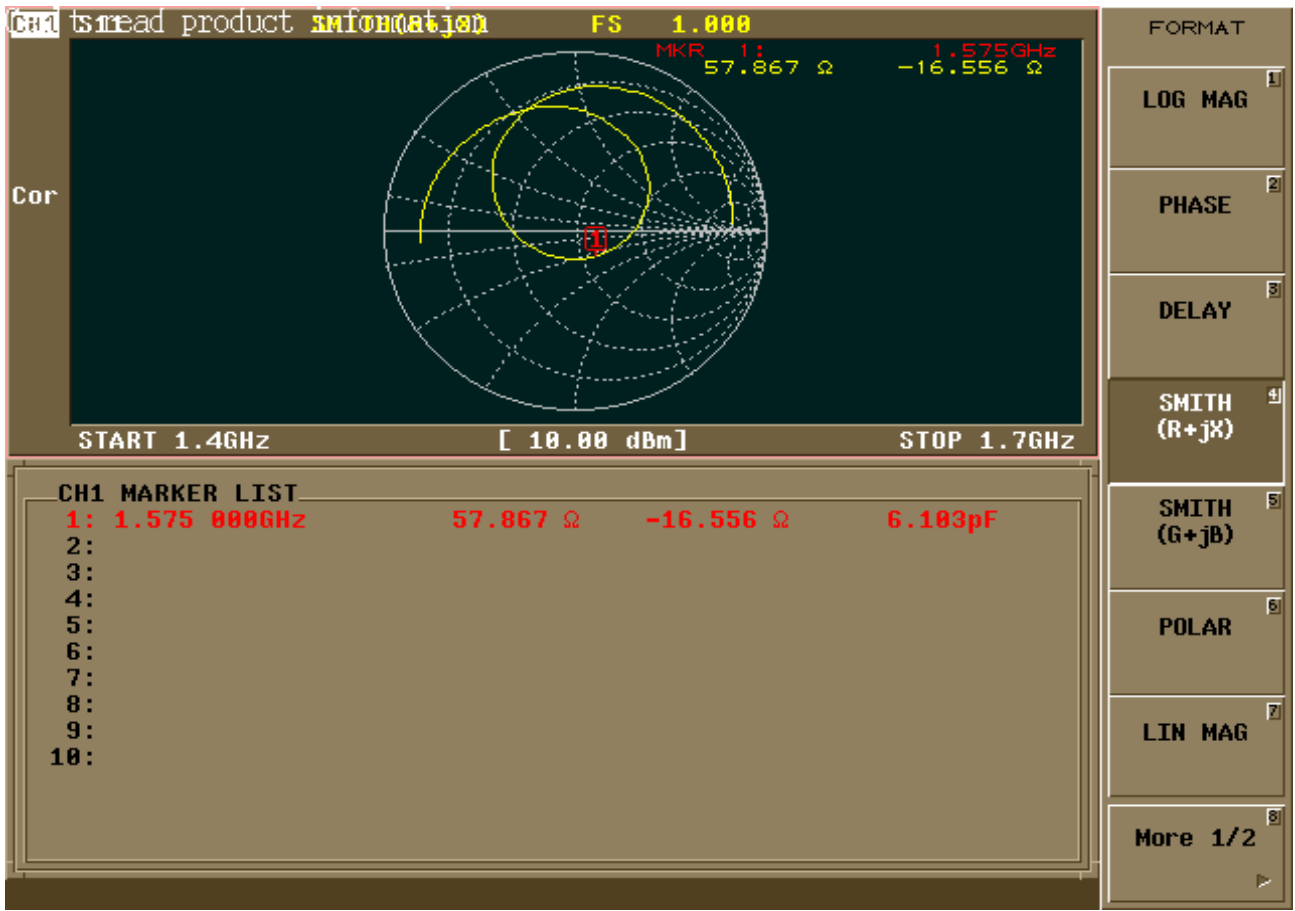
PHASE
-∞, +∞

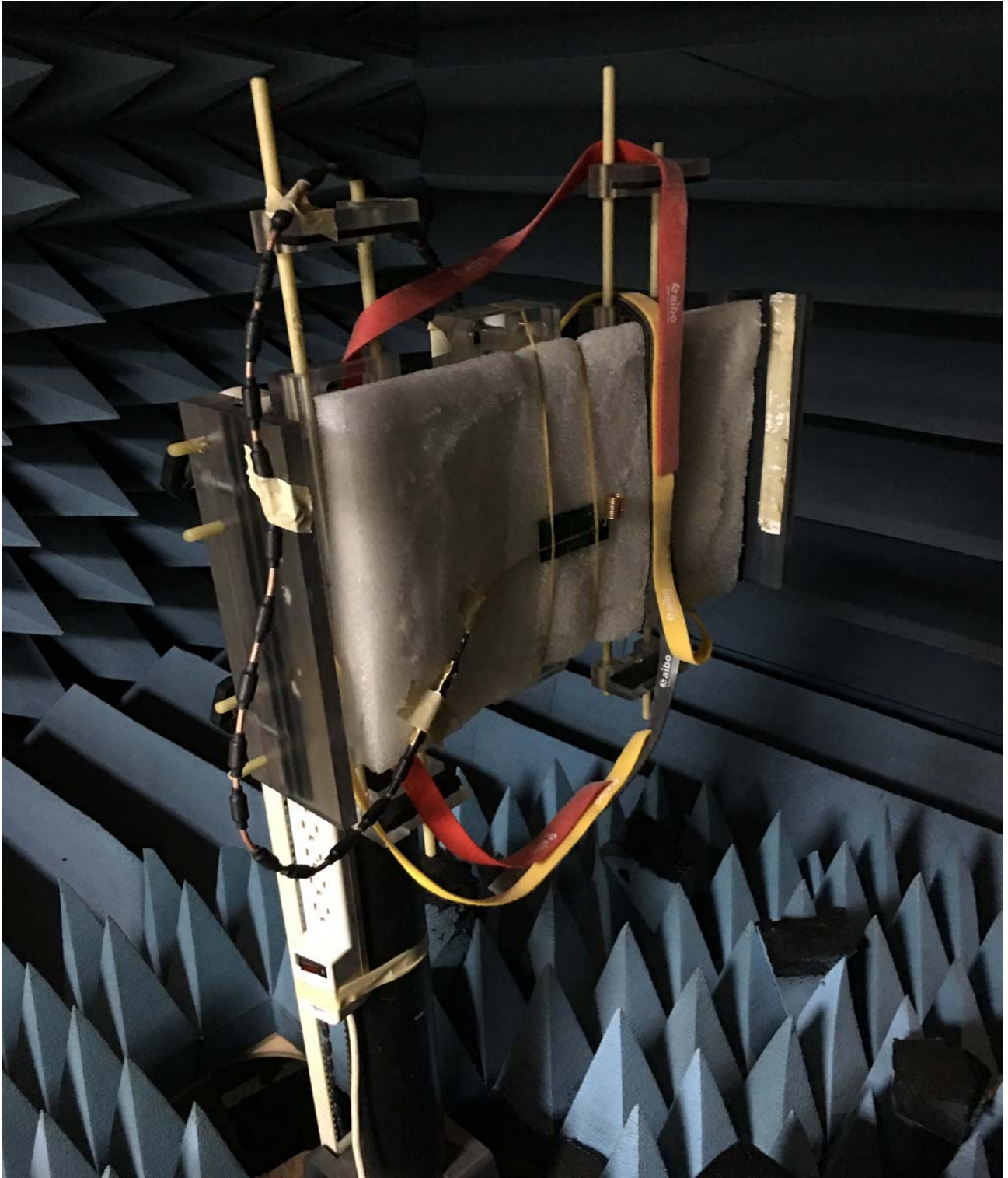
LOG MAG & PHASE

LOG MAG & DELAY

LIN MAG & PHASE

More 2/2





Frequency (MHz)	1559	1561	1575
Peak Gain (dBi)	-0.72	-0.83	-0.84
Efficiency (%)	28.01	28.42	29.58

1575Mhz:

