

3-Jul-23

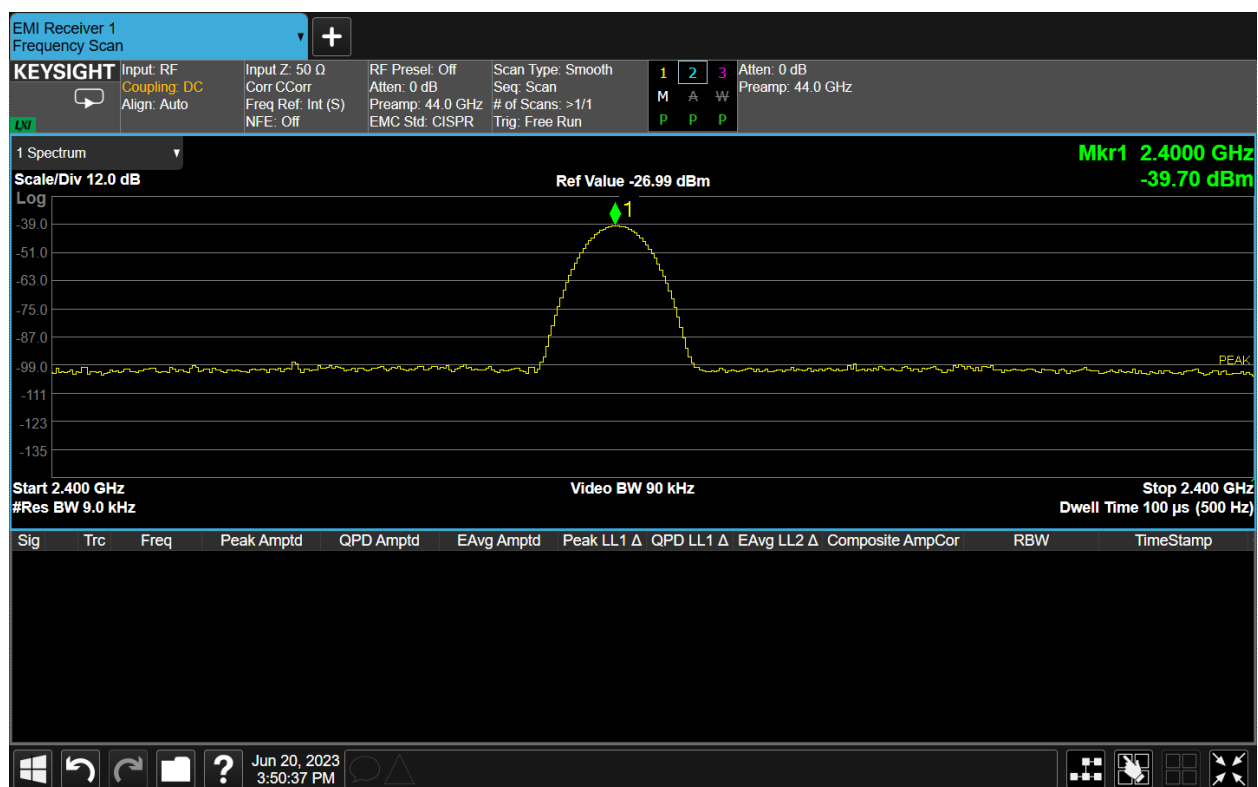
Tested by: Eng. Alexander Konkov

Date	20.06.23
Temp	23°
Humidity	44%
Atm. pressure	1009 mbar

Test	Antenna Gain measurement
Test method	Substitution
Project No	7112322441
Company	CardiacSense Ltd.
EUT	PCB Antenna

Reference Horn Antenna SII3117 s/n 139055

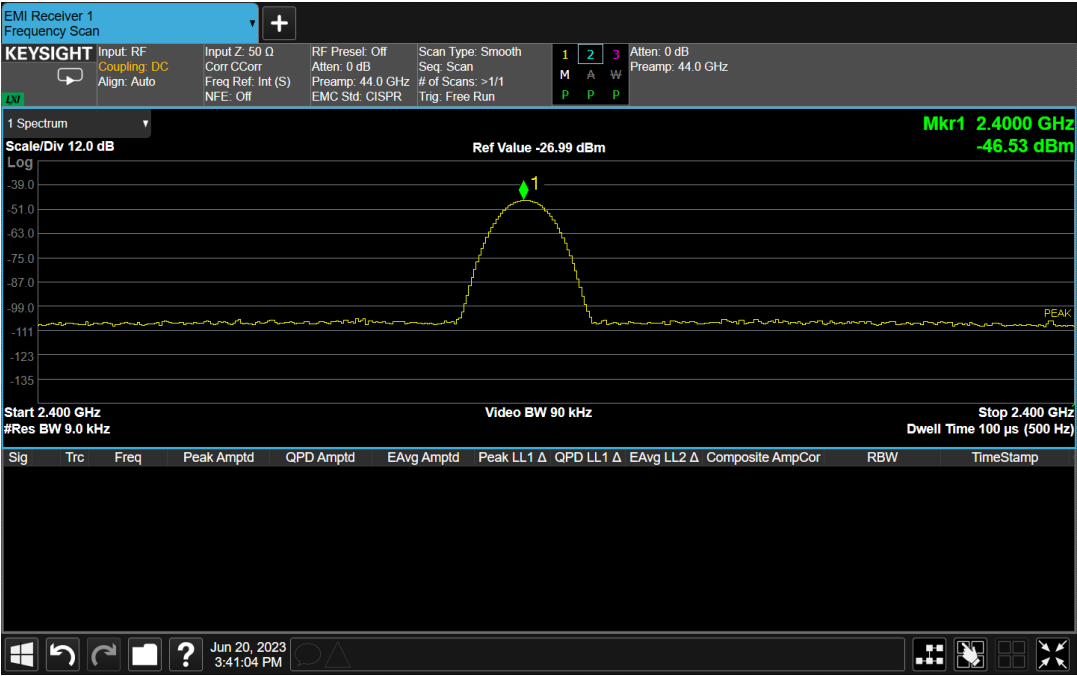
Freq	Gain	Generator	Rad. Meas
GHz	dBi	dBm	dBm
2.4	5.76	0	-39.70



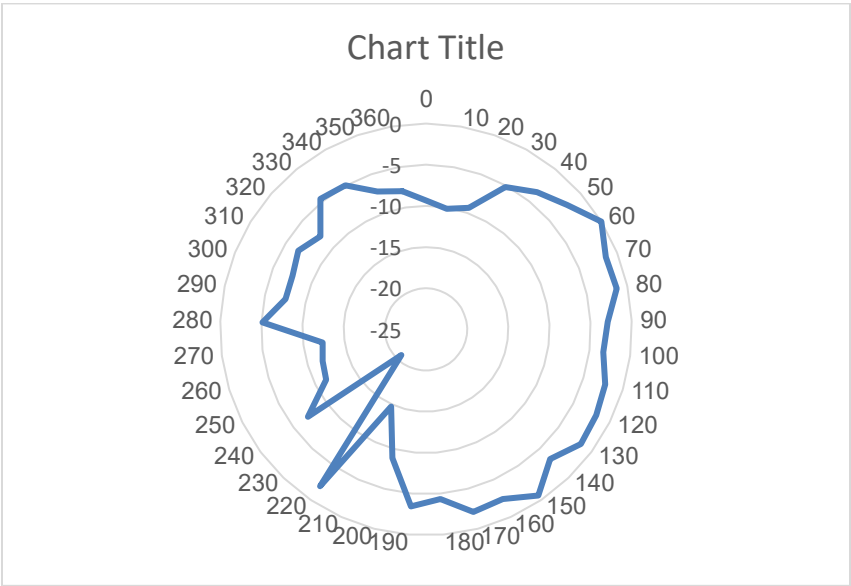
Double Ridged Waveguide Antenna 1-18 GHz	ETS Lindgren	3115	00143138	07/21	07/23
MXG Analog Microwave Signal generator 100 kHz - 40 GHz	Agilent	N5183A	MY50141773	12/22	12/23
EMI RECEIVER-MXE 3Hz-44GHz	Keysight	N9038B	MY60180020	09/22	09/23

Tested Antenna
PCB Antenna printed
Manufacturer: CardiacSense Ltd.

Freq	Gain	Polarization	Generator	Rad. Meas
GHz	dBi	-	dBm	dBm
2.4	-1	H	0	-46.53

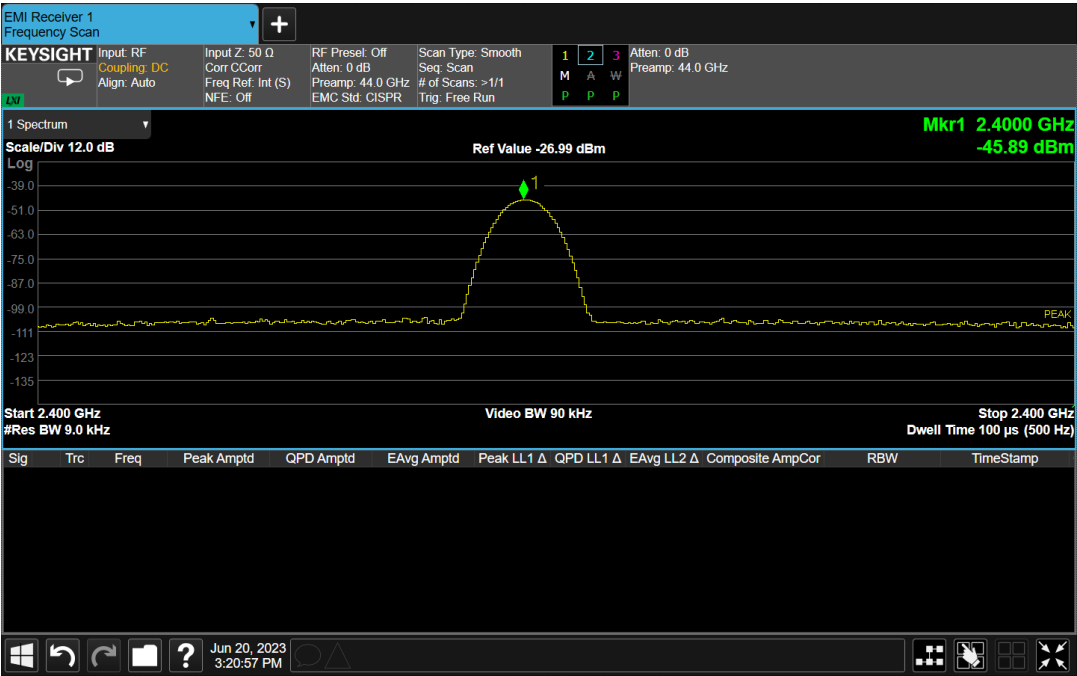


Gain measurements results

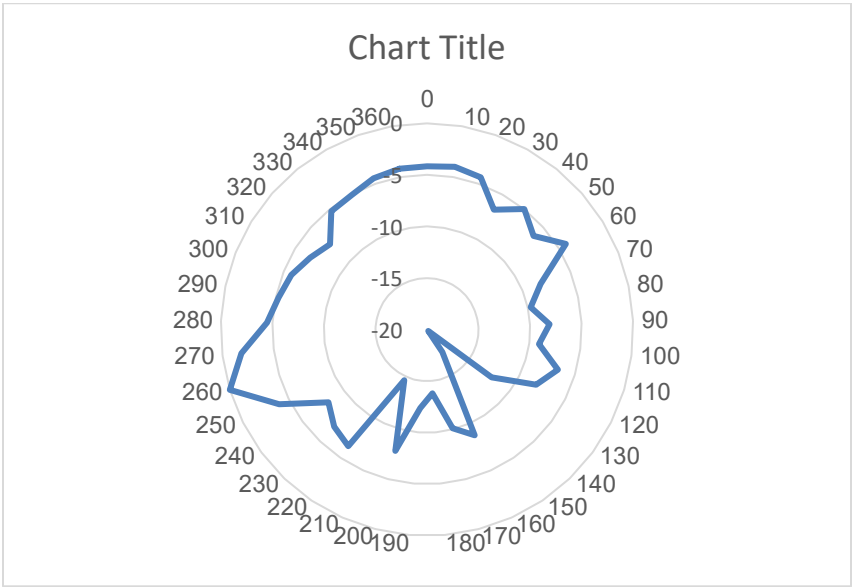


Antenna radiation pattern

Freq	Gain	Polarization	Generator	Rad. Meas
GHz	dBi	-	dBm	dBm
2.4	-0.4	V	0	-45.89



Gain measurements results



Antenna radiation pattern