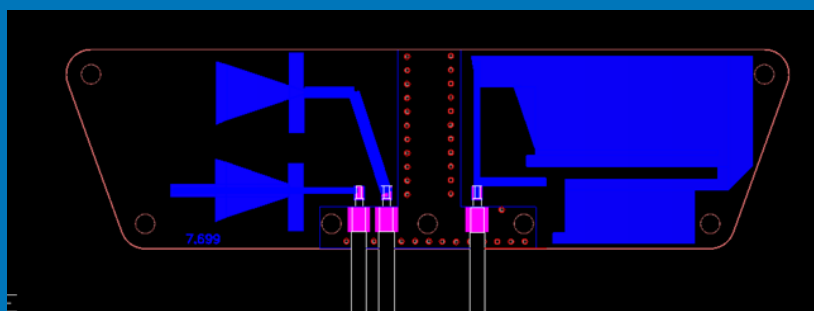




OEM MULTIFUNCTION ANTENNA BOARD

MAIN FEATURES:

- LTE (700-960, 1710-2170, 2500-2700 MHz)
- 802.11 (2400-2480, 5000-5800 MHz)
- CABLE LENGTH: 1000mm
- CONNECTOR: SMA MALE RP
- CABLE TYPE RG316



Frequency Band (LTE Channel)

(MHz)	700	900	1710	1900	2500
Gain (dBi)(*)	1.3	2.8	0.3	2.9	0.3
Average Gain (dBi) (*)	-1.6	-2.8	-3.9	>-3.2	-4.2
S11 (dB)	<-12	<-10	<-8	<-8	<10
Polarization	Linear	Linear	Linear	Linear	Linear

Frequency Band (802.11 blue Channel)

(MHz)	2440	5400
Gain (dBi)(*)	2.1	1.6
Average Gain (dBi) (*)	-2.5	-3.2
S11 (dB)	<-10	<-10
Polarization	Linear	Linear

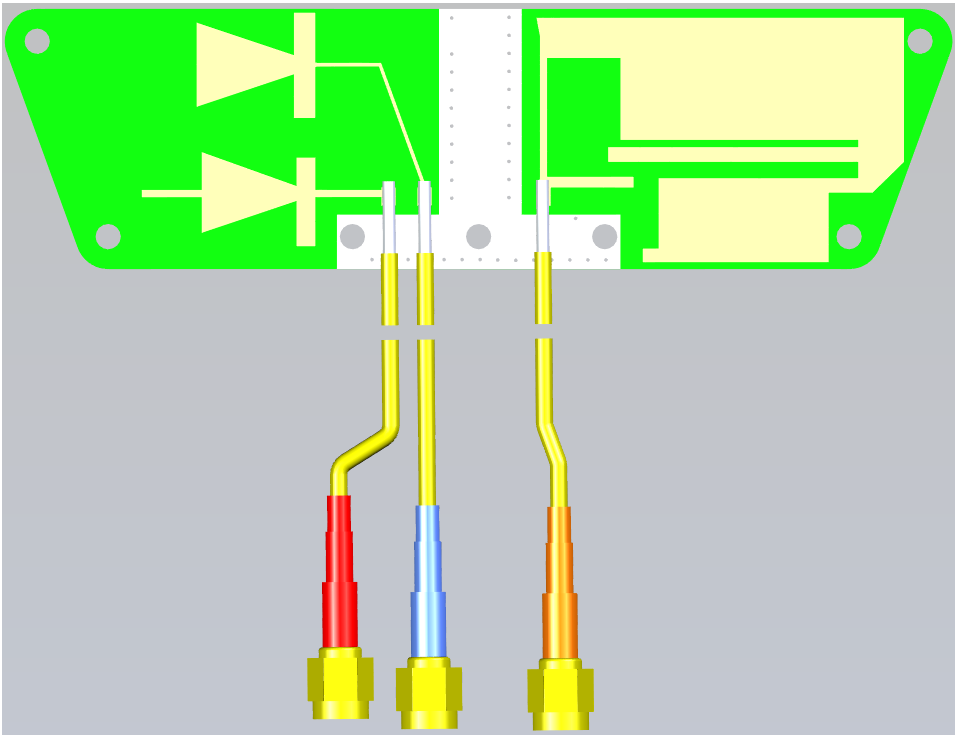
Frequency Band (802.11 red Channel)

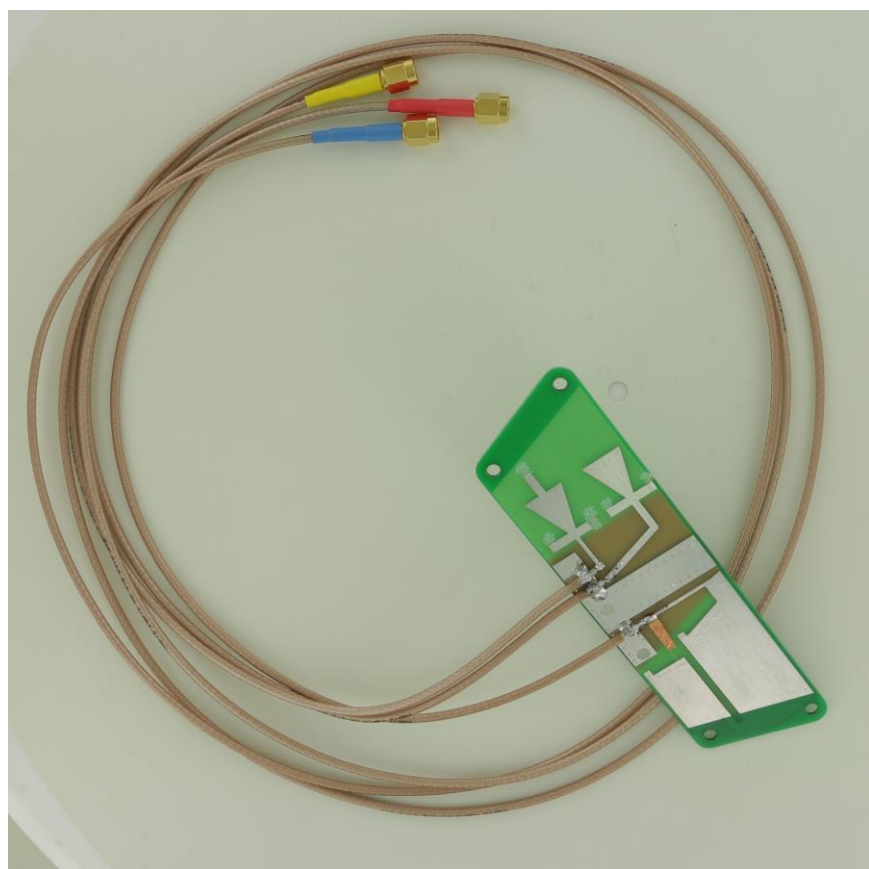
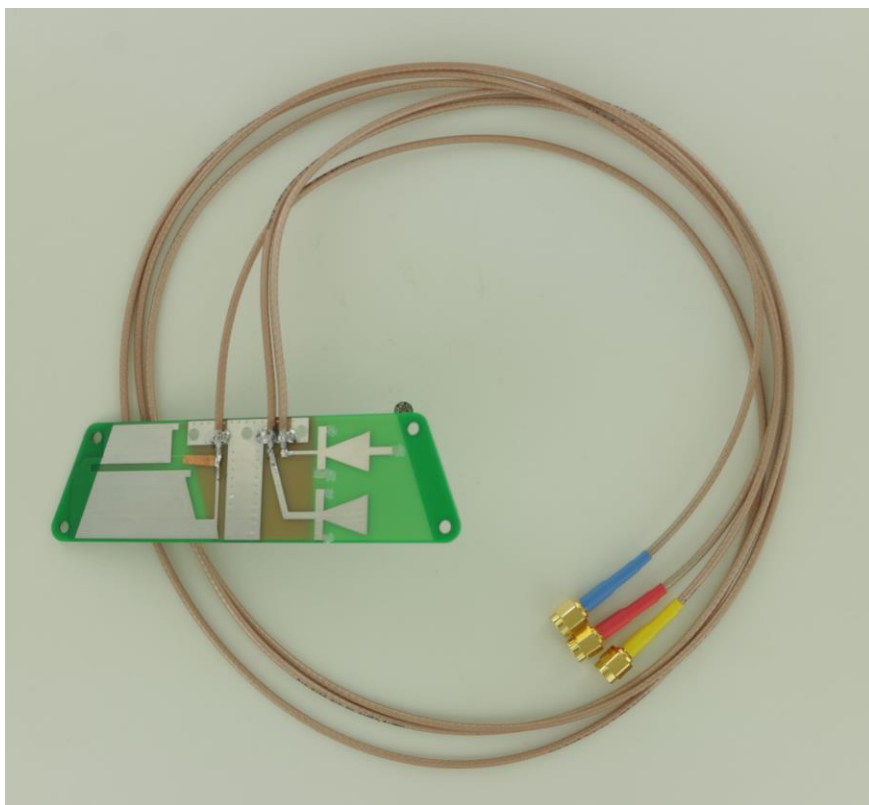
(MHz)	2440	5400
Gain (dBi)(*)	2.7	0.7
Average Gain (dBi) (*)	-2.4	-3.2
S11 (dB)	<-10	<-10
Polarization	Linear	Linear

(*) azimuthal plane

Parameter

Dimension	131,4X36,1X1.0
Operating Temperature	-40/85 °C
Cable type	rg316
Connector (all channels)	SMA MALE RP
Cable length	1000mm

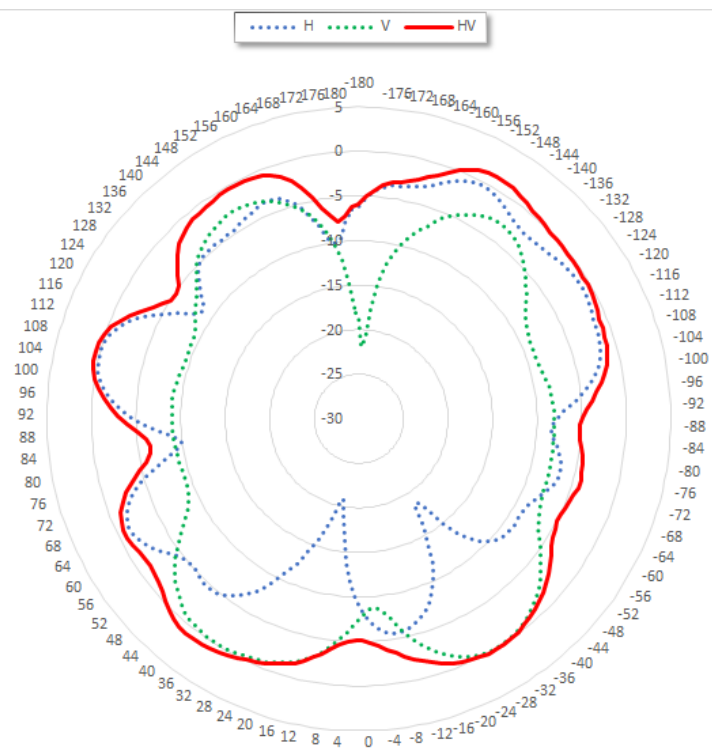




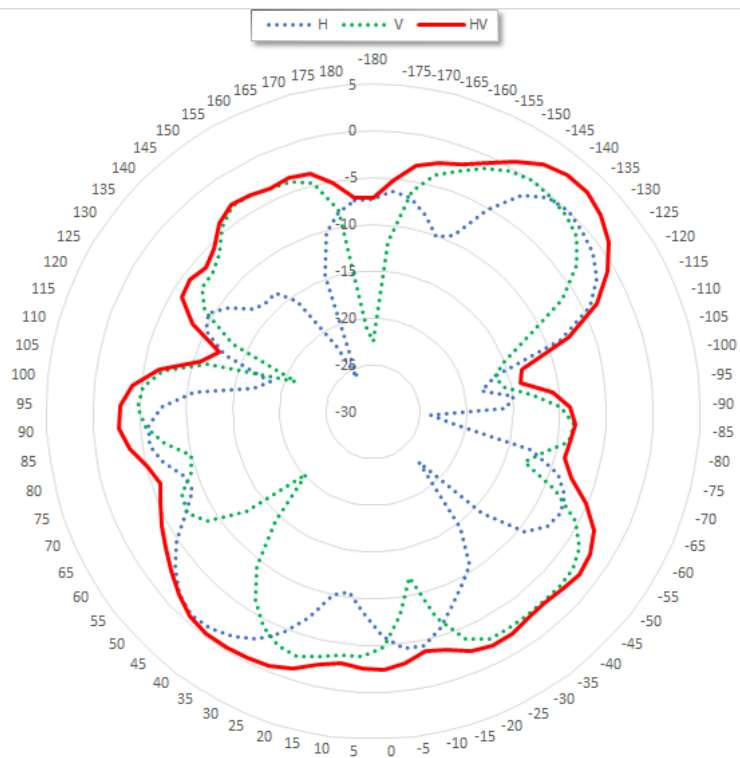
Pattern azimuthal plane

LTE

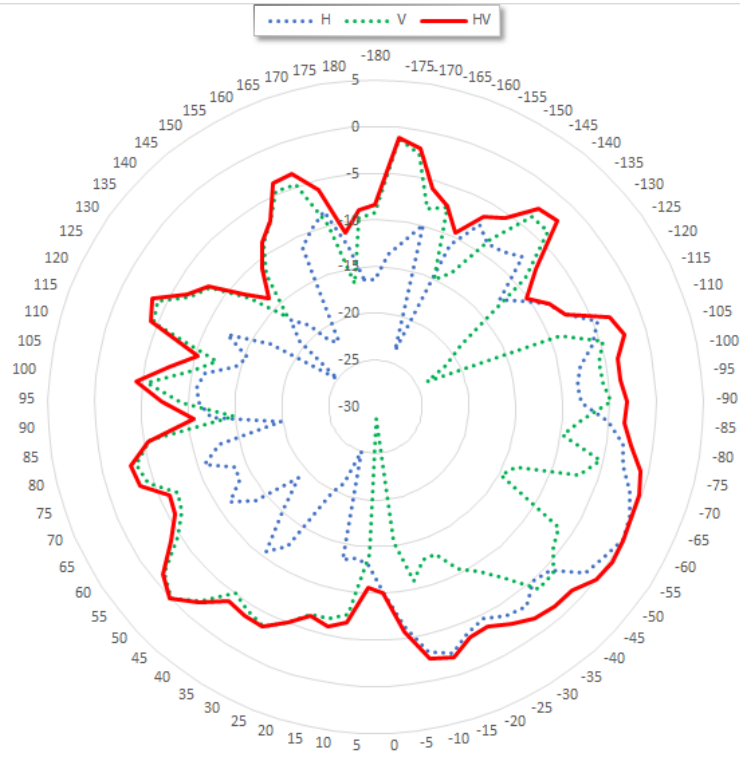
700 MHz



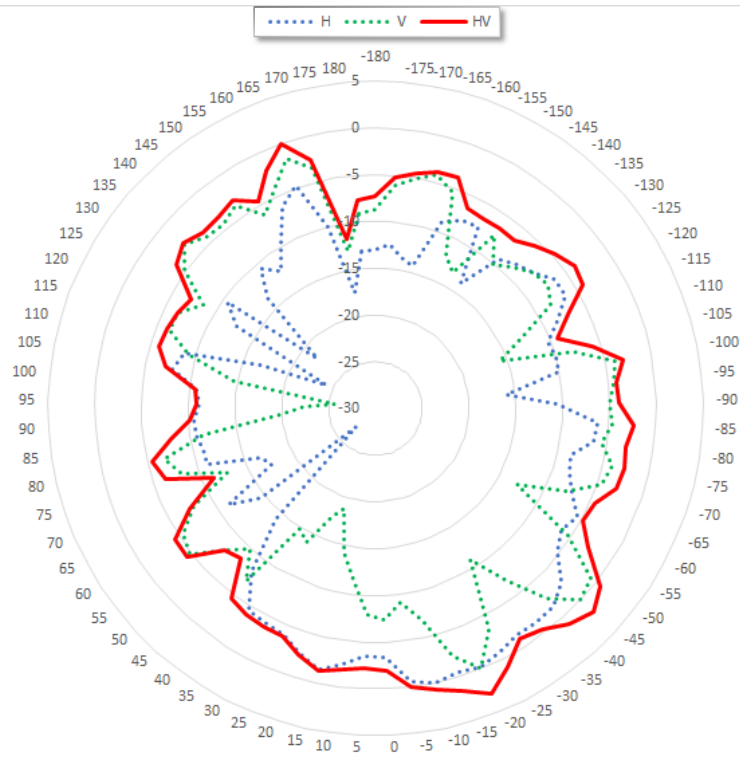
900 MHz



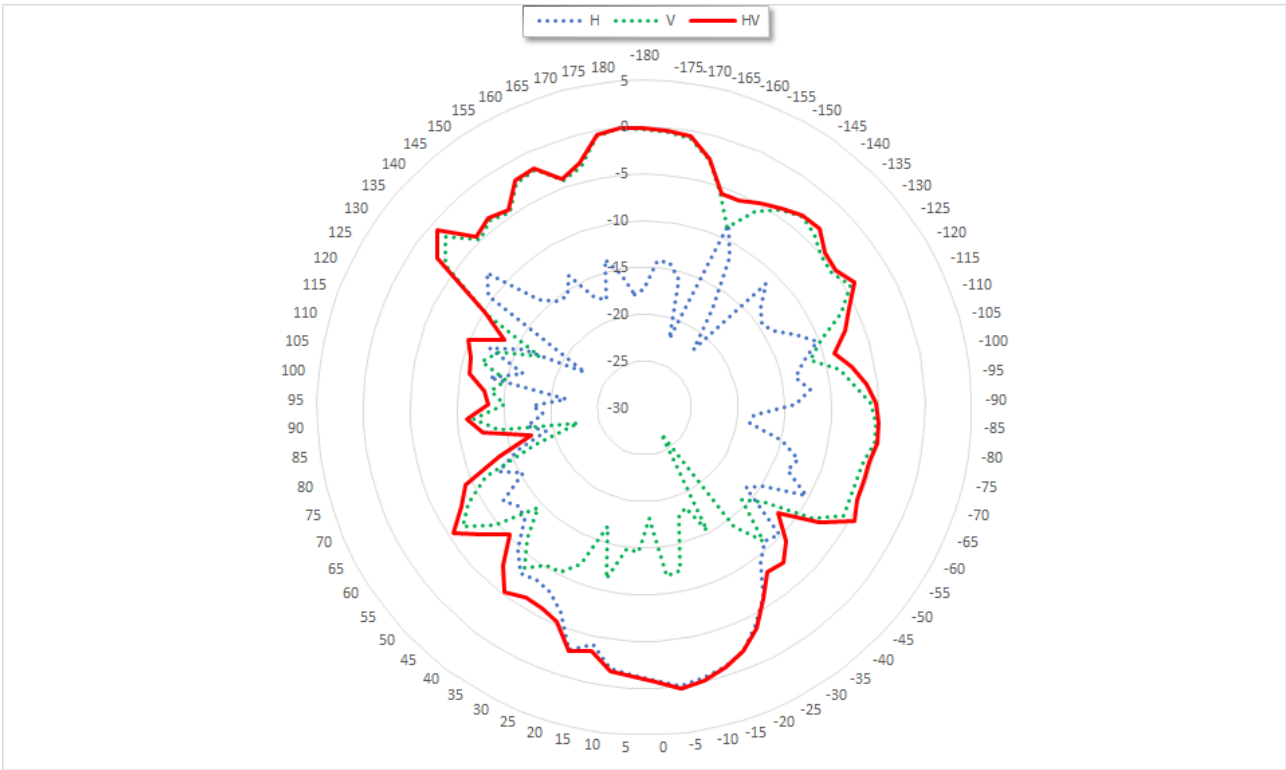
1710 MHz



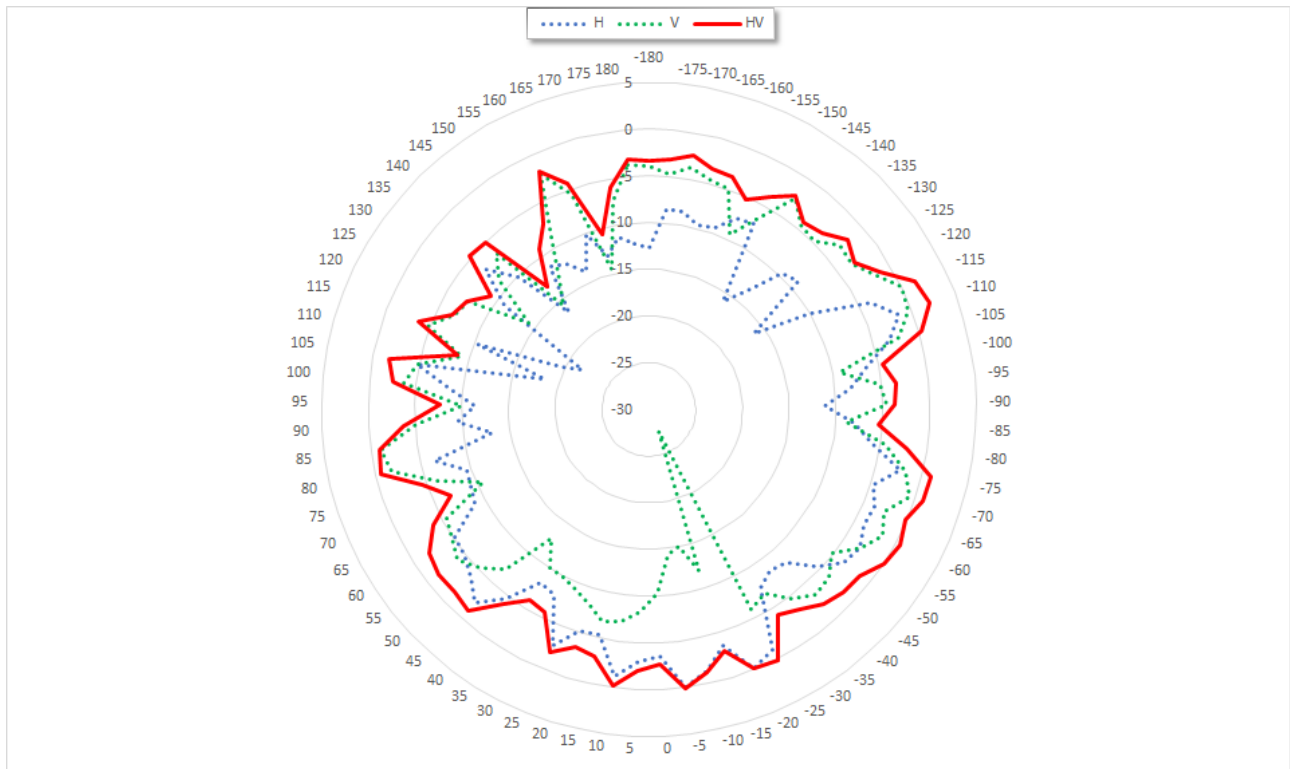
1900 MHz



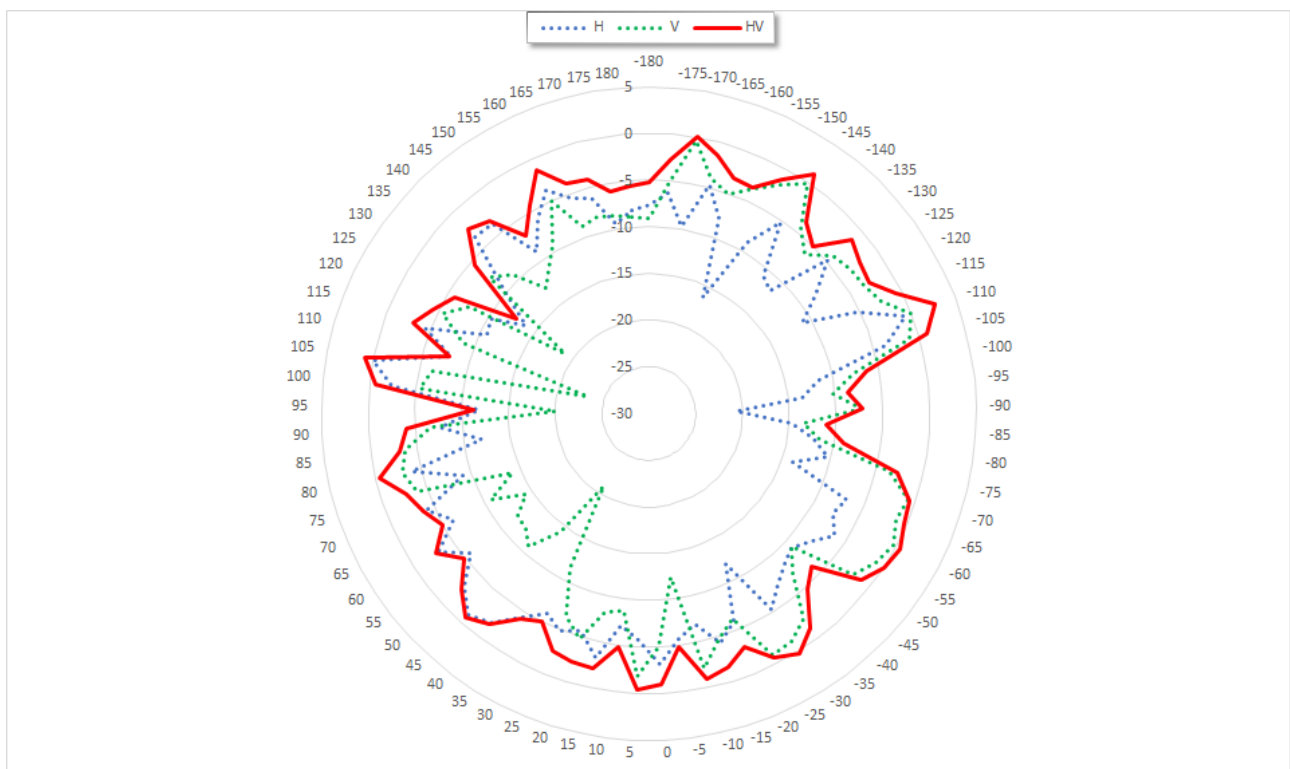
2500 MHz



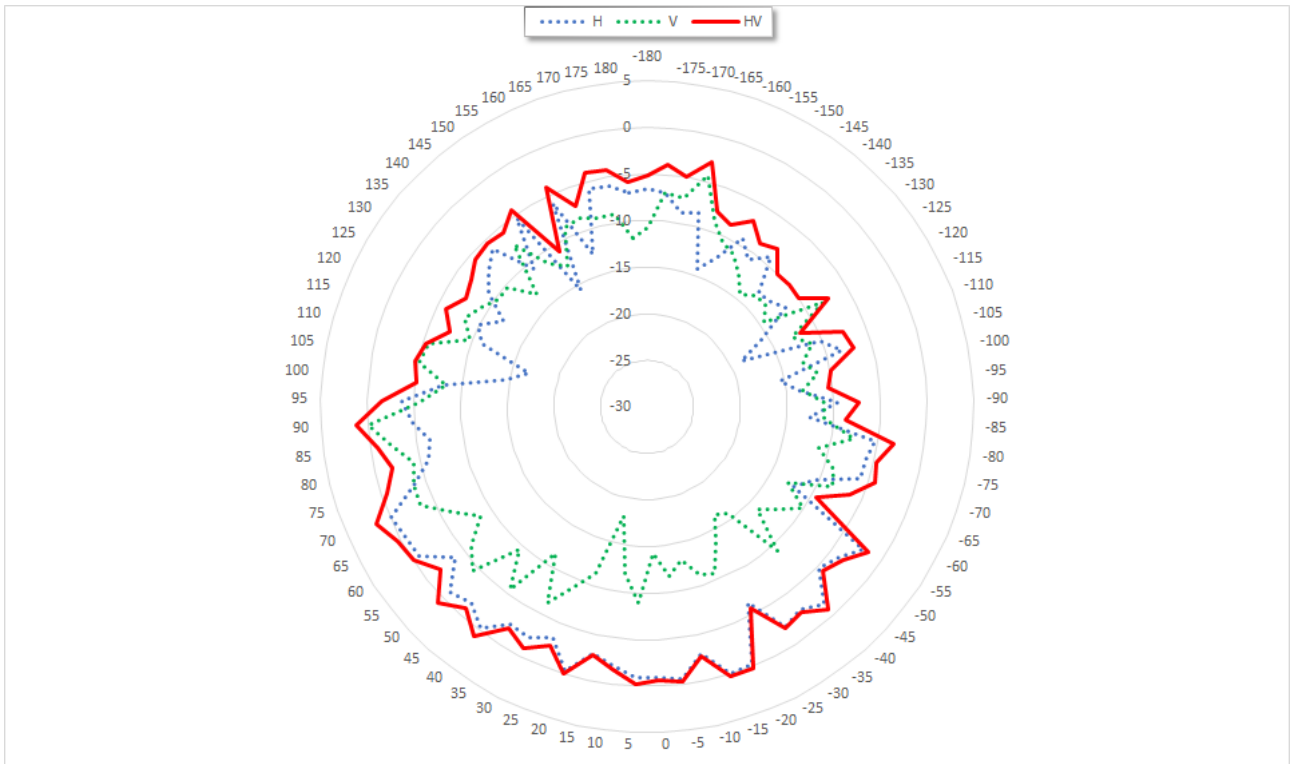
Pattern azimuthal plane
802.11 2440 MHz Blue channel



802.11 2440 MHz Red channel



802.11 5400 MHz Blue channel



802.11 Red Channel 5400 MHz Red Channel

