



NEKUDA – GLASSES FOR AUGMEDICS

02/01/2025

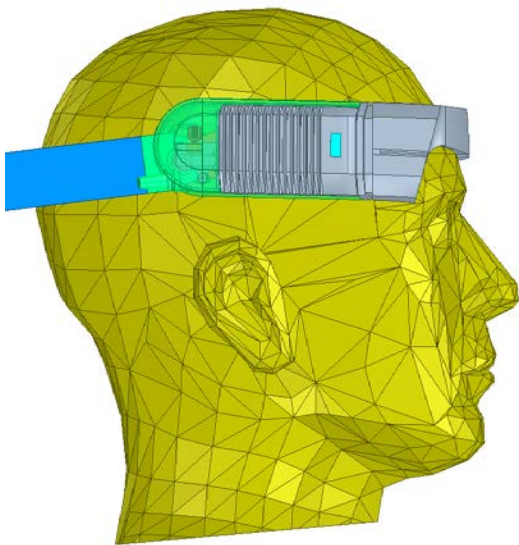




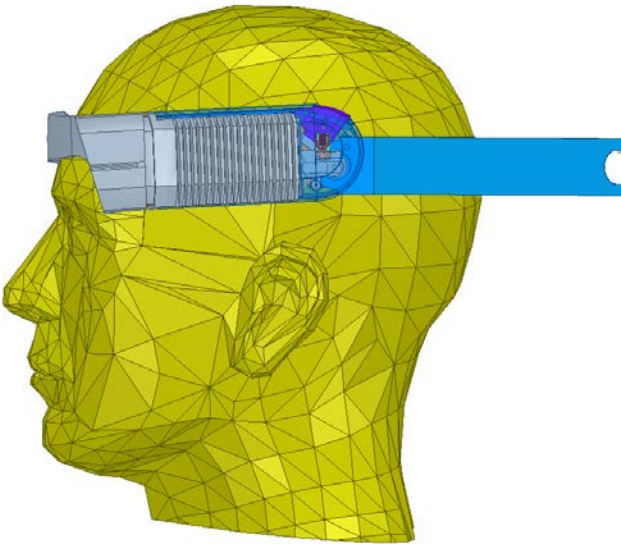
SIMULATED MODEL

SIMULATED MODEL

Right Temple Antenna

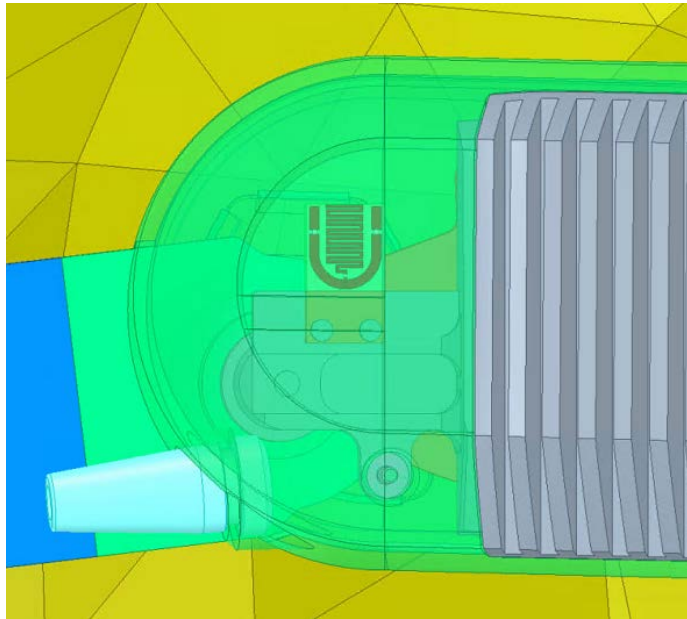


Left Temple Antenna

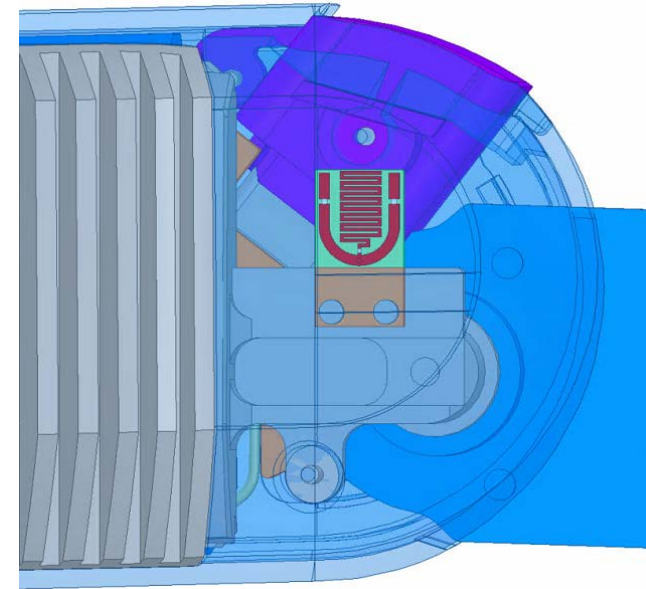


SIMULATED MODEL

Right Temple Antenna



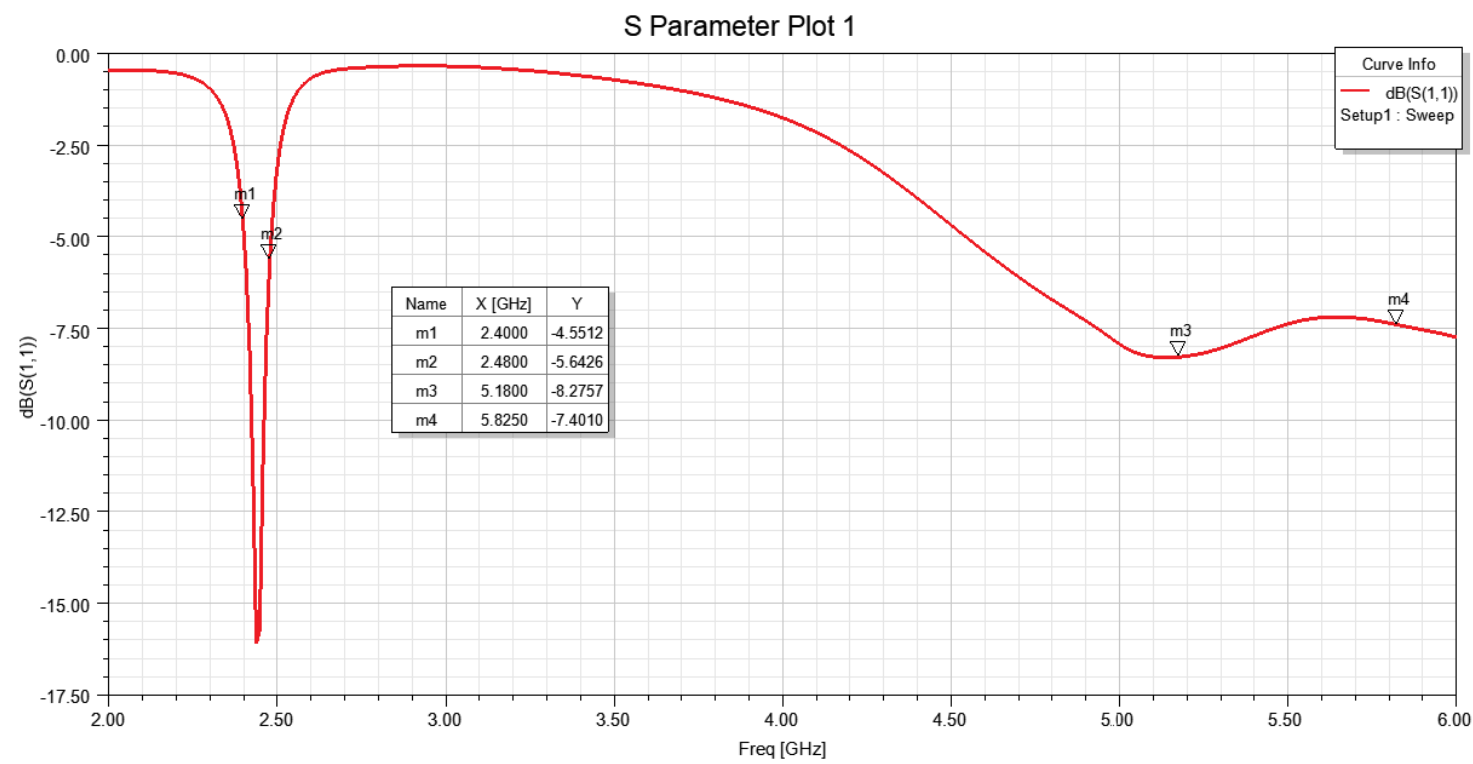
Left Temple Antenna



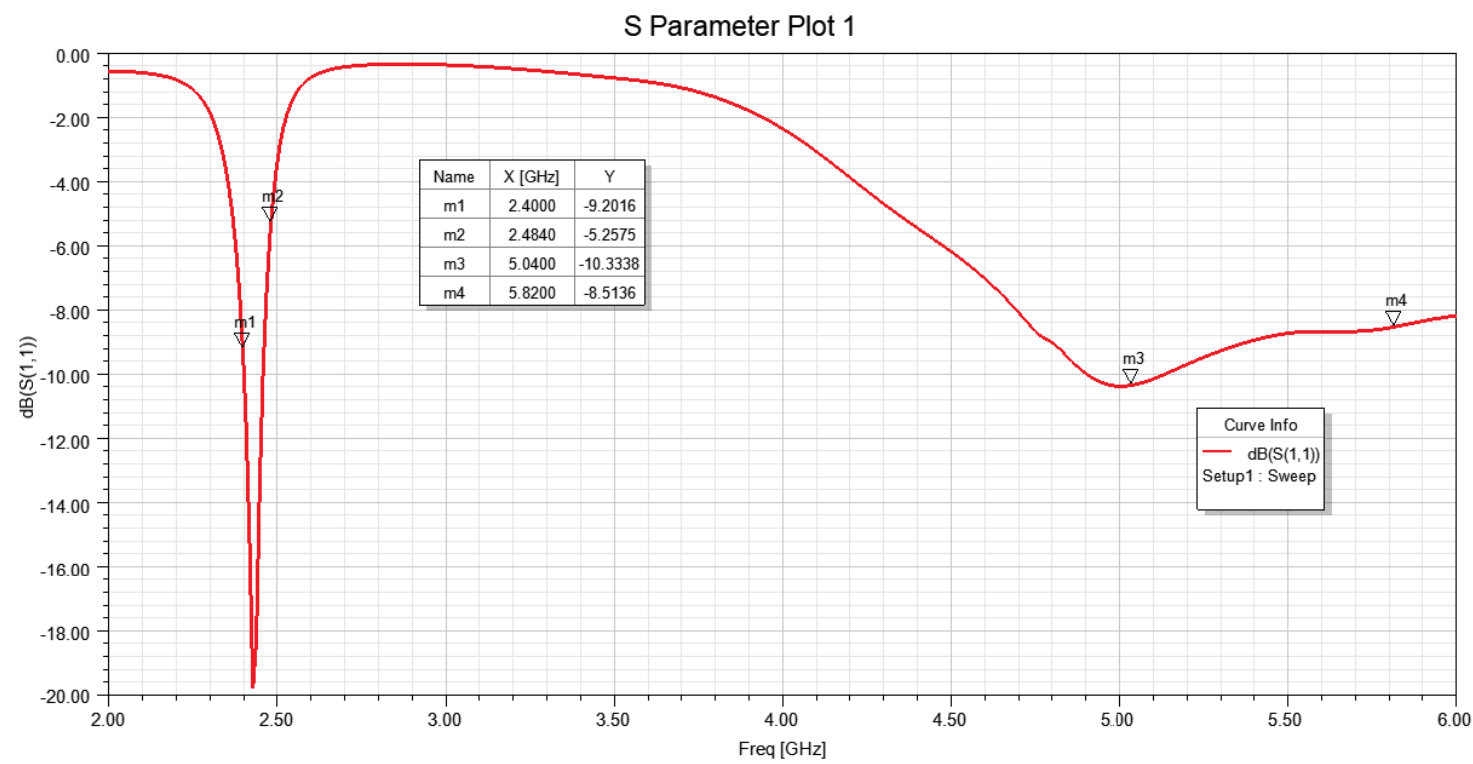


SIMULATED MODEL

RIGHT TEMPLE ANTENNA RETURN LOSS



LEFT TEMPLE ANTENNA RETURN LOSS



2.4 GHZ BAND

LEFT ANTENNA

Freq [GHz]	System Efficiency [%]	System Efficiency [dB]
2.412 GHz	15.9 %	-8.0 dB
2.437 GHz	15.2 %	-8.2 dB
2.472 GHz	9.7 %	-10.2 dB
2.484 GHz	7.4 %	-11.3 dB

RIGHT ANTENNA

Freq [GHz]	System Efficiency [%]	System Efficiency [dB]
2.412 GHz	12.1 %	-9.2 dB
2.437 GHz	12.4 %	-9.1 dB
2.472 GHz	6.8 %	-11.7 dB
2.484 GHz	4.7 %	-13.2 dB

5 GHZ BAND

LEFT ANTENNA

Freq [GHz]	System Efficiency [%]	System Efficiency [dB]
5.180 GHz	65.1 %	-1.9 dB
5.190 GHz	65.0 %	-1.9 dB
5.200 GHz	64.8 %	-1.9 dB
5.210 GHz	64.7 %	-1.9 dB
5.220 GHz	64.6 %	-1.9 dB
5.230 GHz	64.5 %	-1.9 dB
5.240 GHz	64.4 %	-1.9 dB
5.260 GHz	64.2 %	-1.9 dB
5.270 GHz	64.1 %	-1.9 dB
5.280 GHz	64.0 %	-1.9 dB
5.290 GHz	63.9 %	-1.9 dB
5.300 GHz	63.8 %	-2.0 dB
5.310 GHz	63.7 %	-2.0 dB
5.320 GHz	63.6 %	-2.0 dB
5.500 GHz	62.6 %	-2.0 dB
5.510 GHz	62.5 %	-2.0 dB
5.520 GHz	62.5 %	-2.0 dB
5.530 GHz	62.5 %	-2.0 dB
5.540 GHz	62.5 %	-2.0 dB
5.550 GHz	62.5 %	-2.0 dB
5.560 GHz	62.4 %	-2.0 dB
5.580 GHz	62.4 %	-2.0 dB
5.600 GHz	62.4 %	-2.1 dB

RIGHT ANTENNA

Freq [GHz]	System Efficiency [%]	System Efficiency [dB]
5.180 GHz	62.5 %	-2.0 dB
5.190 GHz	62.4 %	-2.1 dB
5.200 GHz	62.3 %	-2.1 dB
5.210 GHz	62.2 %	-2.1 dB
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5.530 GHz	59.5 %	-2.3 dB
5.540 GHz	59.5 %	-2.3 dB
5.550 GHz	59.5 %	-2.3 dB
5.560 GHz	59.6 %	-2.3 dB
5.580 GHz	59.6 %	-2.2 dB
5.600 GHz	59.7 %	-2.2 dB

5 GHZ BAND - CONTINUED

LEFT ANTENNA

5.610 GHz	62.4 %	-2.1 dB
5.620 GHz	62.3 %	-2.1 dB
5.640 GHz	62.3 %	-2.1 dB
5.660 GHz	62.3 %	-2.1 dB
5.670 GHz	62.3 %	-2.1 dB
5.680 GHz	62.3 %	-2.1 dB
5.690 GHz	62.3 %	-2.1 dB
5.700 GHz	62.3 %	-2.1 dB
5.745 GHz	62.3 %	-2.1 dB
5.750 GHz	62.3 %	-2.1 dB
5.755 GHz	62.3 %	-2.1 dB
5.765 GHz	62.3 %	-2.1 dB
5.775 GHz	62.3 %	-2.1 dB
5.785 GHz	62.3 %	-2.1 dB
5.795 GHz	62.2 %	-2.1 dB
5.805 GHz	62.2 %	-2.1 dB
5.825 GHz	62.1 %	-2.1 dB

RIGHT ANTENNA

5.610 GHz	59.7 %	-2.2 dB
5.620 GHz	59.8 %	-2.2 dB
5.640 GHz	60.0 %	-2.2 dB
5.660 GHz	60.1 %	-2.2 dB
5.670 GHz	60.2 %	-2.2 dB
5.680 GHz	60.3 %	-2.2 dB
5.690 GHz	60.4 %	-2.2 dB
5.700 GHz	60.5 %	-2.2 dB
5.745 GHz	61.1 %	-2.1 dB
5.750 GHz	61.1 %	-2.1 dB
5.755 GHz	61.2 %	-2.1 dB
5.765 GHz	61.3 %	-2.1 dB
5.775 GHz	61.4 %	-2.1 dB
5.785 GHz	61.5 %	-2.1 dB
5.795 GHz	61.7 %	-2.1 dB
5.805 GHz	61.8 %	-2.1 dB
5.825 GHz	62.0 %	-2.1 dB



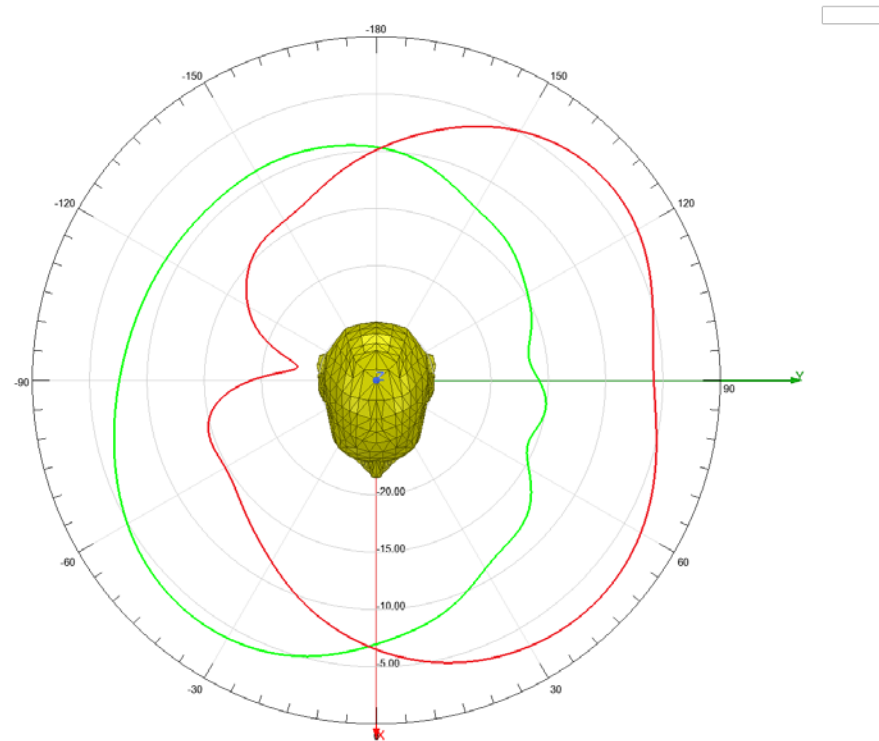
RADIATION PATTERN



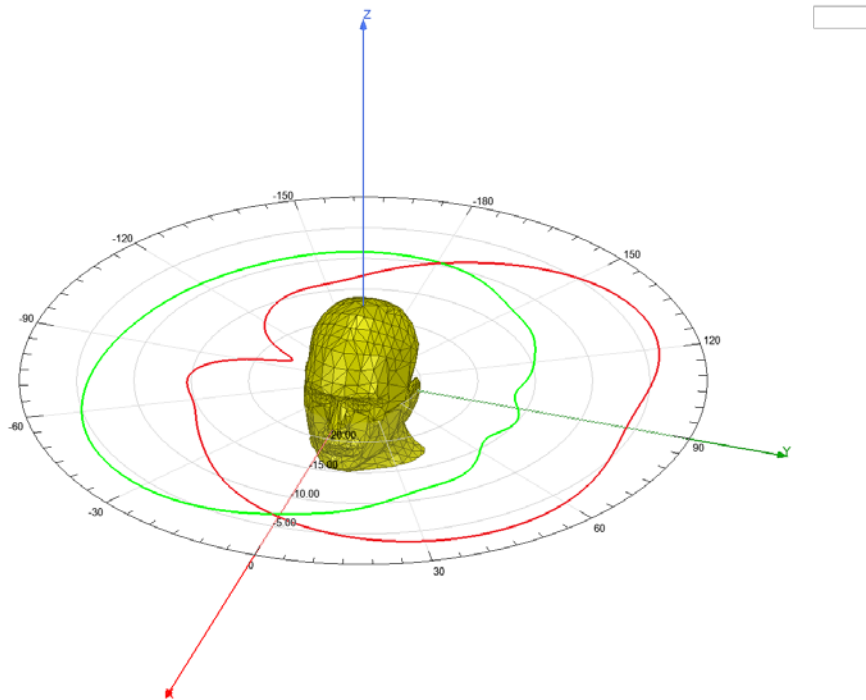
2.4 GHZ



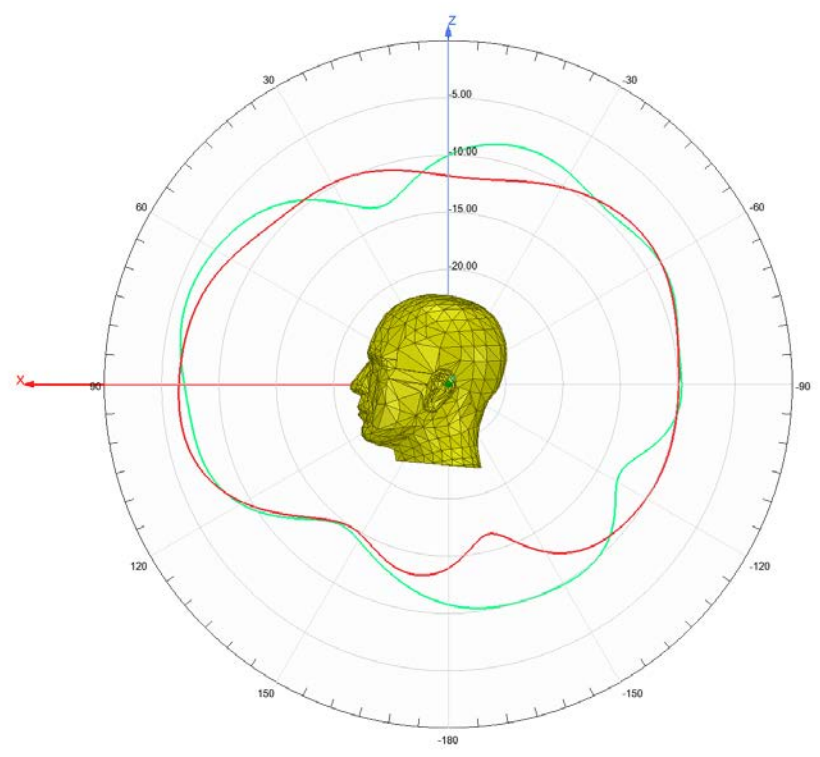
XY – REALIZED GAIN [Z-]



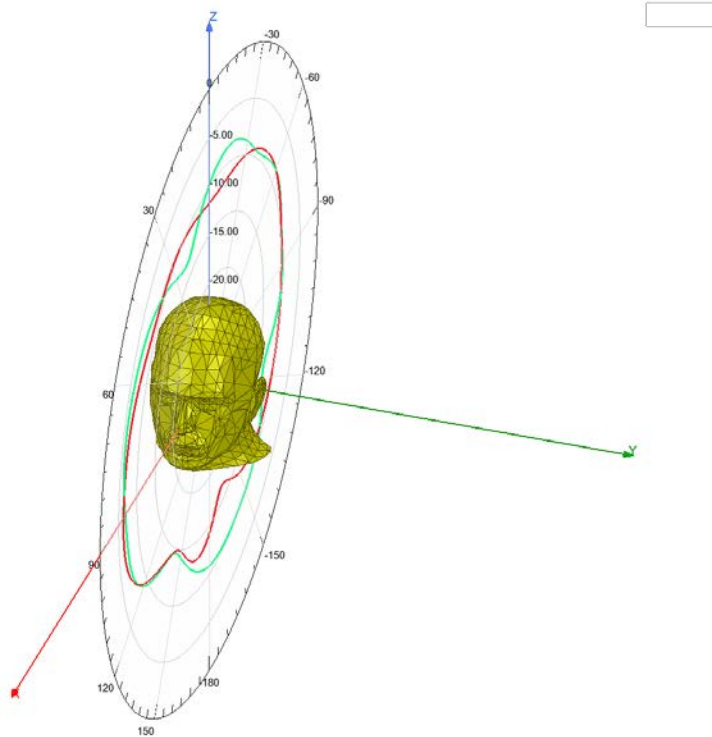
XY – REALIZED GAIN [ISOMETRIC]



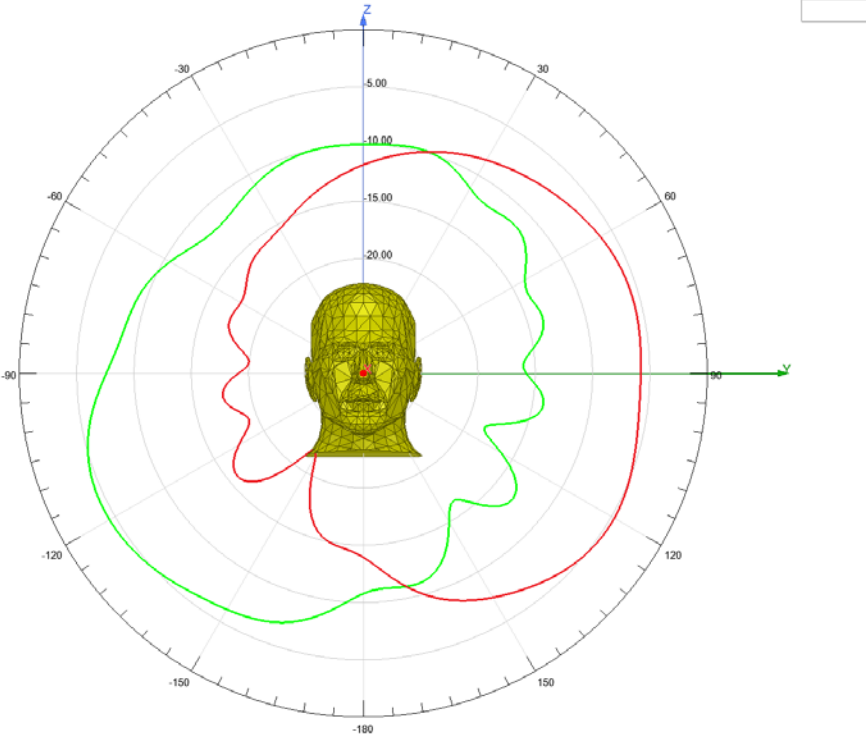
ZX – REALIZED GAIN [Y-]



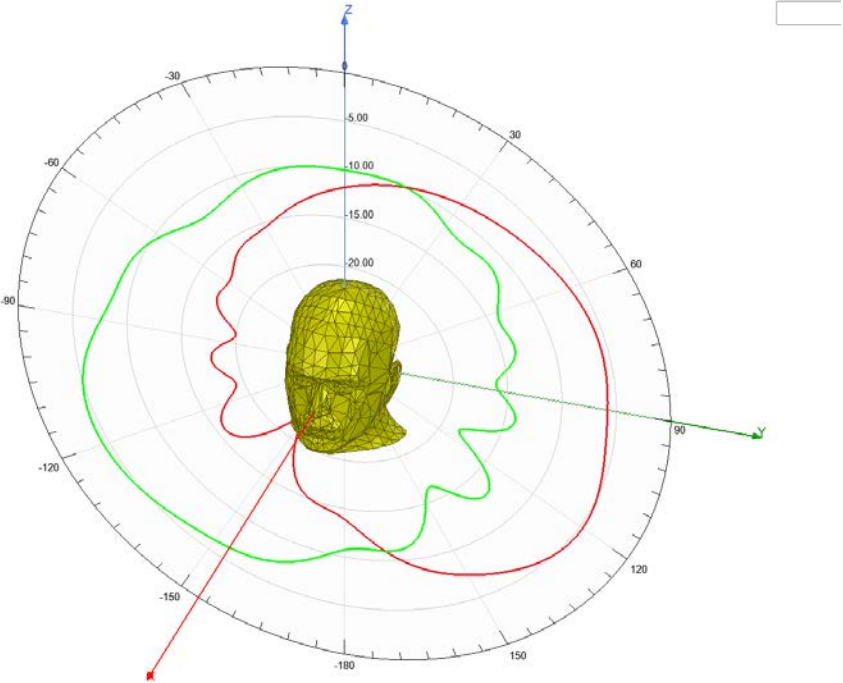
ZX – REALIZED GAIN [ISOMETRIC]



ZY – REALIZED GAIN [X+]



ZY – REALIZED GAIN [ISOMETRIC]

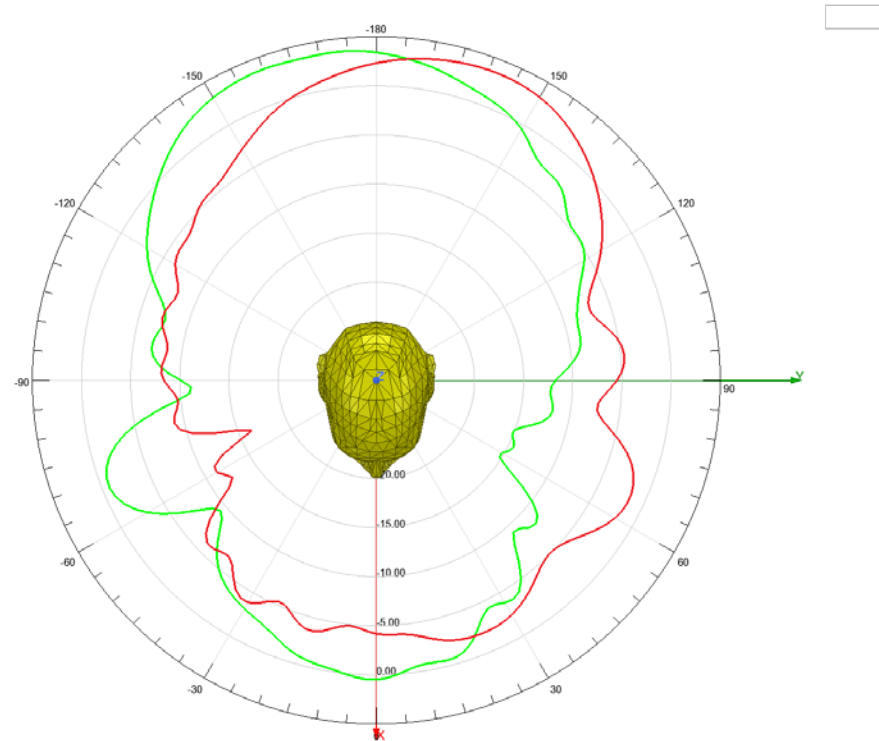




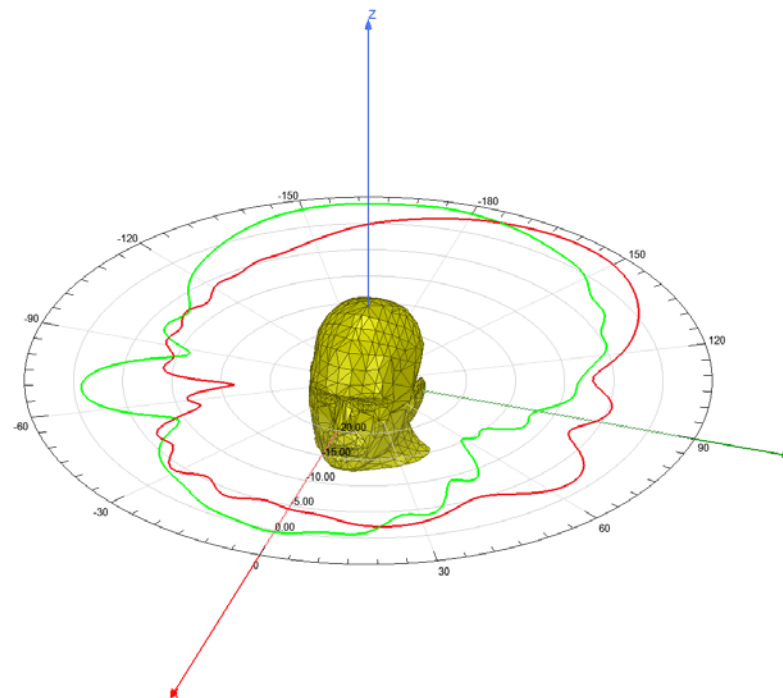
5.5 GHZ



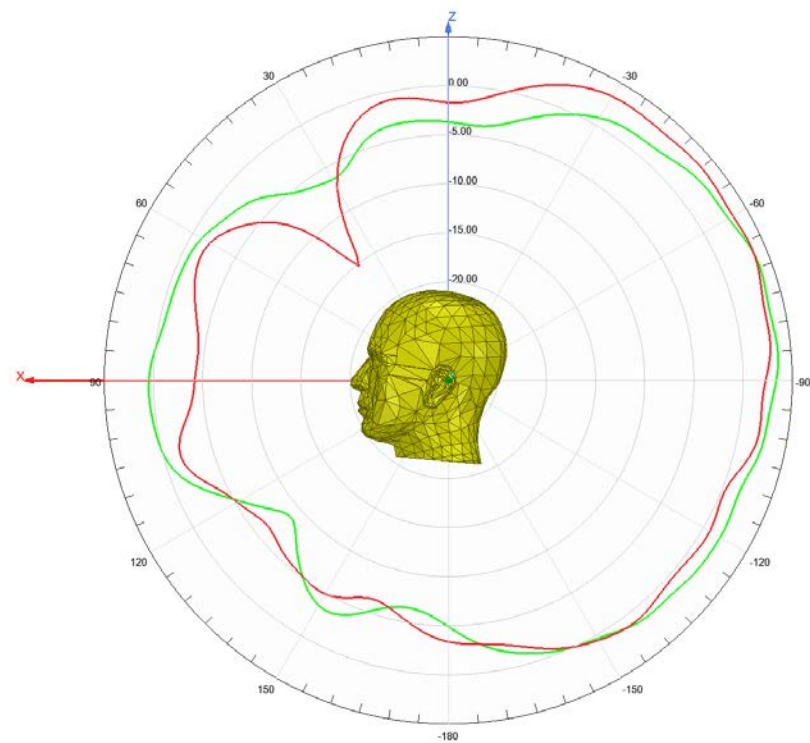
XY – REALIZED GAIN [Z-]



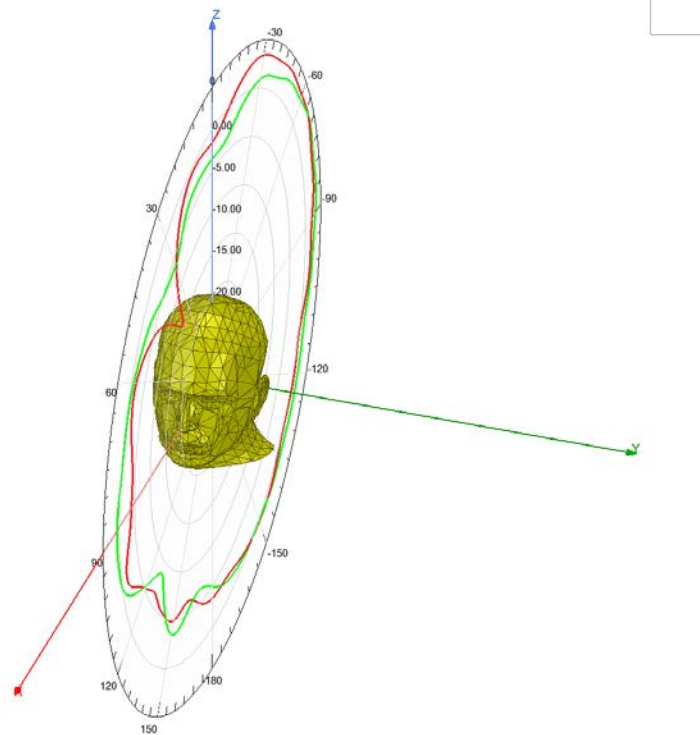
XY – REALIZED GAIN [ISOMETRIC]



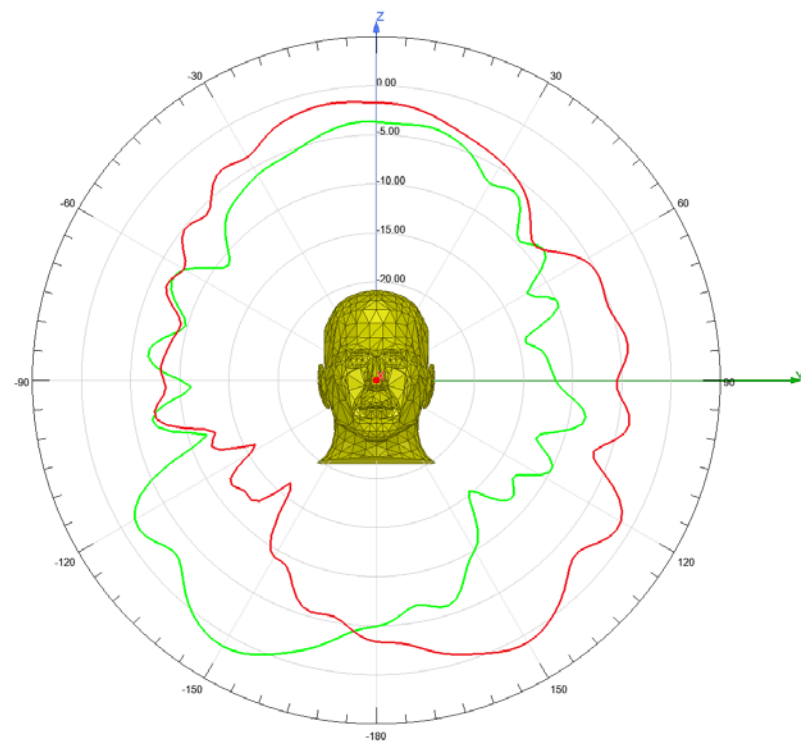
ZX – REALIZED GAIN [Y-]



ZX – REALIZED GAIN [ISOMETRIC]



ZY – REALIZED GAIN [X+]



ZY – REALIZED GAIN [ISOMETRIC]

