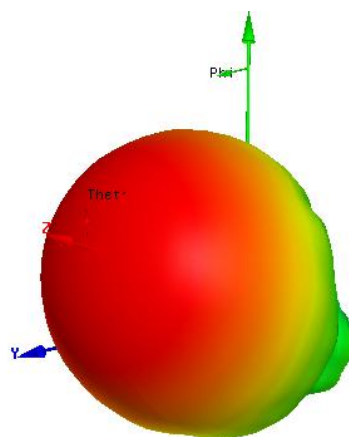
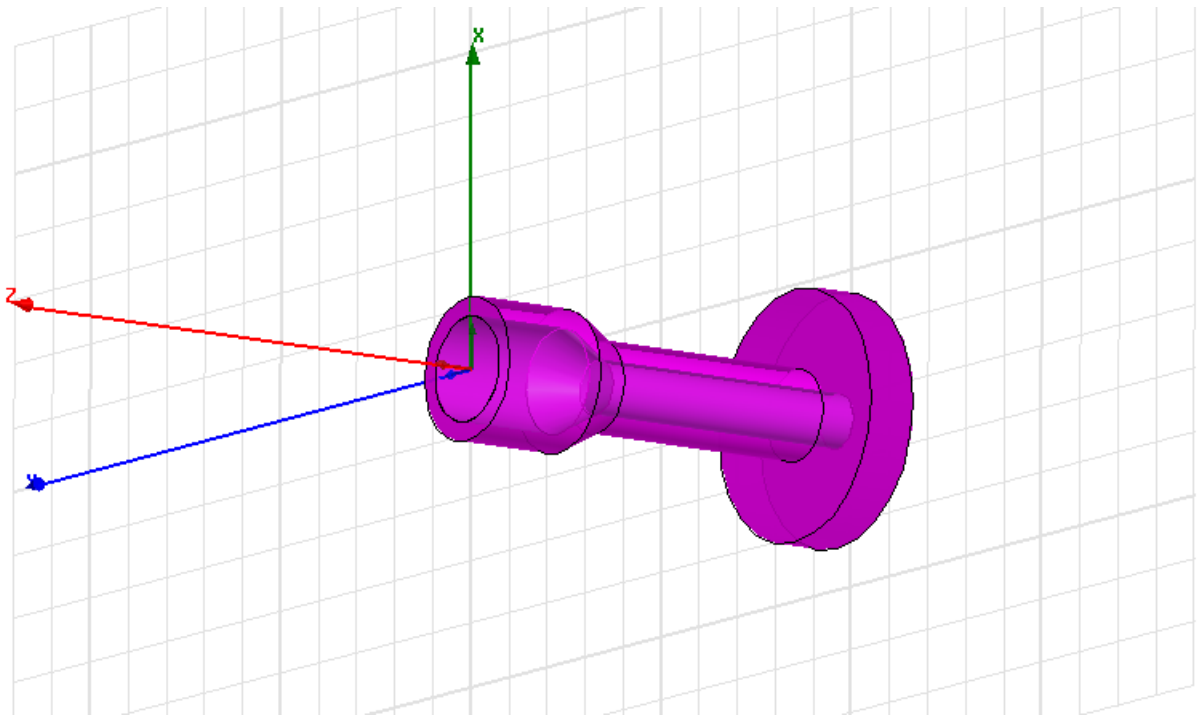


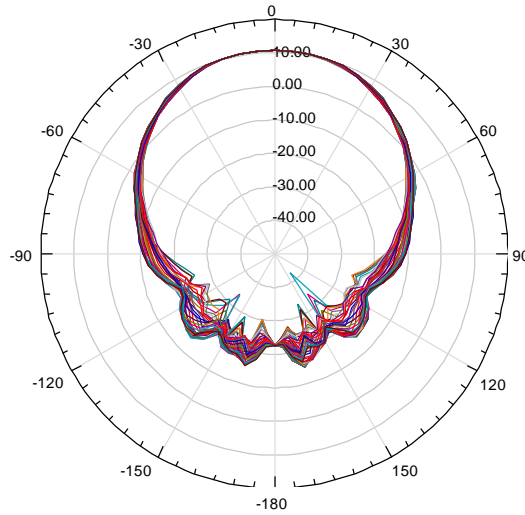
## Dual mode feed W2IMU

for offset dish  $f/d = 0,6$  OK1DFC on frequency 47 GHz

analyzed by Mirek Kasal OK2AQ

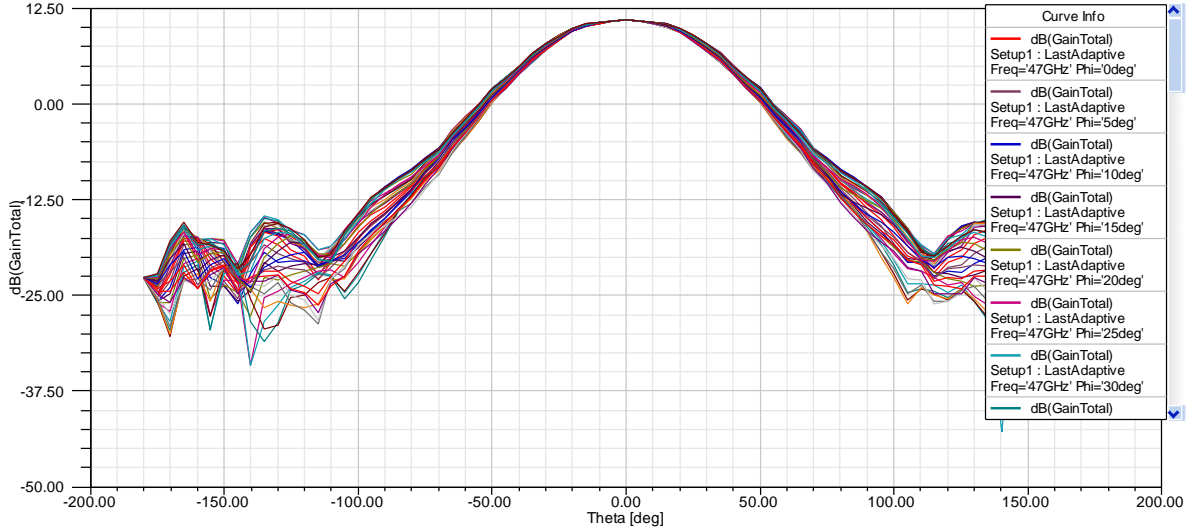


### Radiation Pattern 1



Curve Info	
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=0deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=5deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=10deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=15deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=20deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=25deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=30deg'
—	dB(GainTotal)

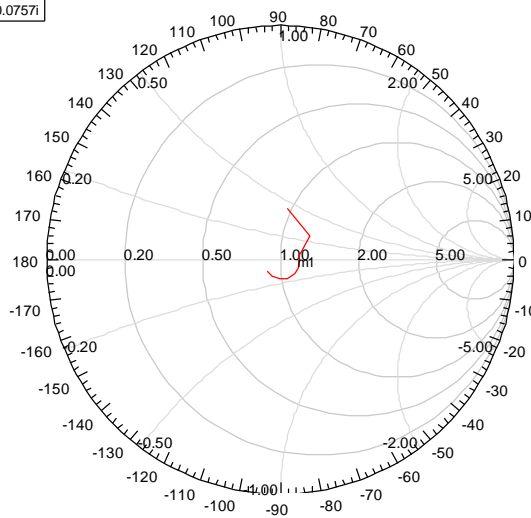
### XY Plot 1



Curve Info	
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=0deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=5deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=10deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=15deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=20deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=25deg'
—	dB(GainTotal) Setup1 : LastAdaptive Freq=47GHz' Phi=30deg'
—	dB(GainTotal)

Name	Freq	Ang	Mag	RX
m1	47.0000	-21.9087	0.0860	1.1709 - 0.0757i

### Smith Chart 1



Curve Info	
—	S(1,1) Setup1 : Sw eep1



Local Variables

Value     Optimization     Tuning     Sensitivity

	Name	Value	Unit	Evaluated Value	Type
	l	35	mm	35mm	Design
	d	10	mm	10mm	Design
	v	4	mm	4mm	Design
	d1	2.15	mm	2.15mm	Design
	s	1.5	mm	1.5mm	Design
	la	19	mm	19mm	Design
	d2	4.15	mm	4.15mm	Design
	lb	3.7	mm	3.7mm	Design
	lc	8.7	mm	8.7mm	Design

Add...    Add Array...    Edit...    Show H...    Remove

OK

Zrušit

MATERIÁL MOSAZ 106s

FEEDHORN 47 GHz

