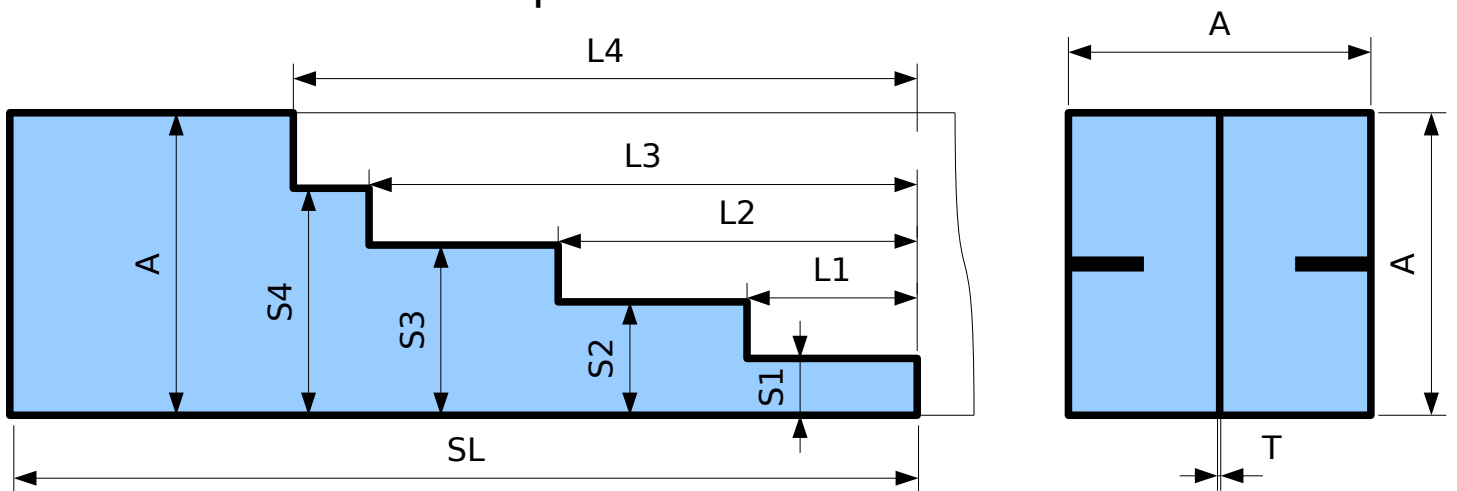


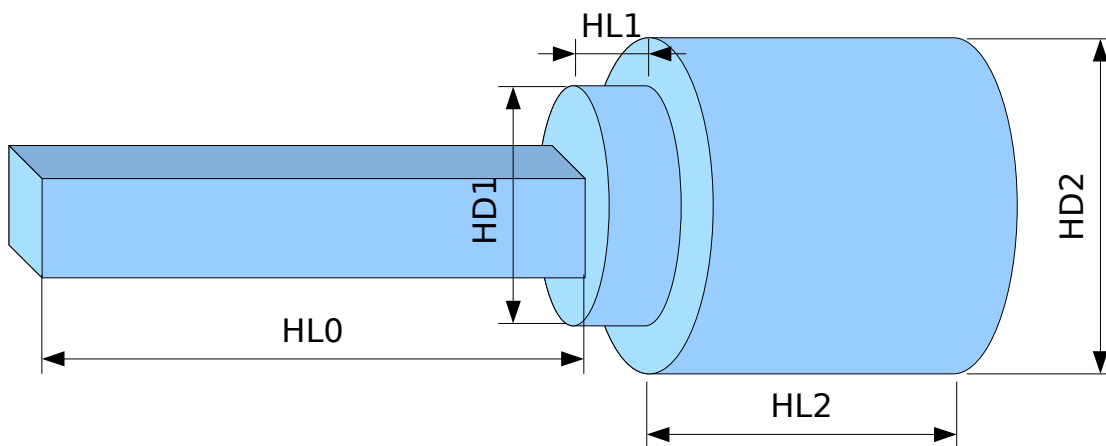
13cm IMPROVED SEPTUM WITH DUAL MODE HORN

Septum sizes

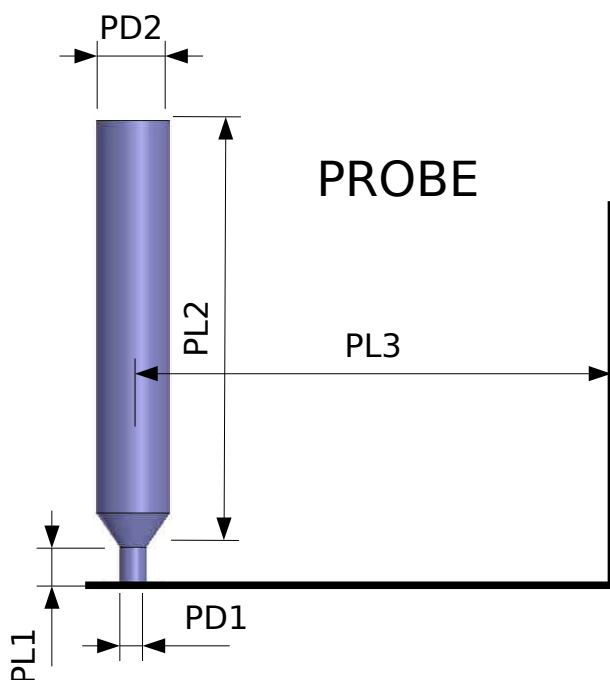


Sizes [mm]	A	T	SL	S1	S2	S3	S4	L1	L2	L3	L4
2320MHz	80,0	0.8	190,0	11,9	26,2	39,6	59,4	42,2	83,2	123,2	135,4

Horn sizes

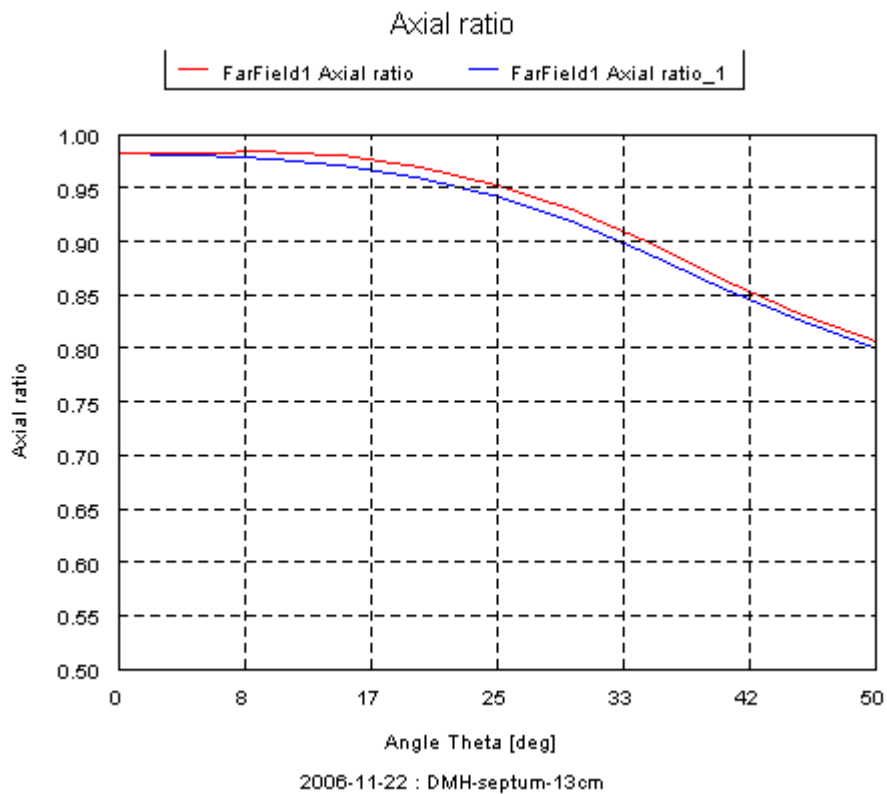
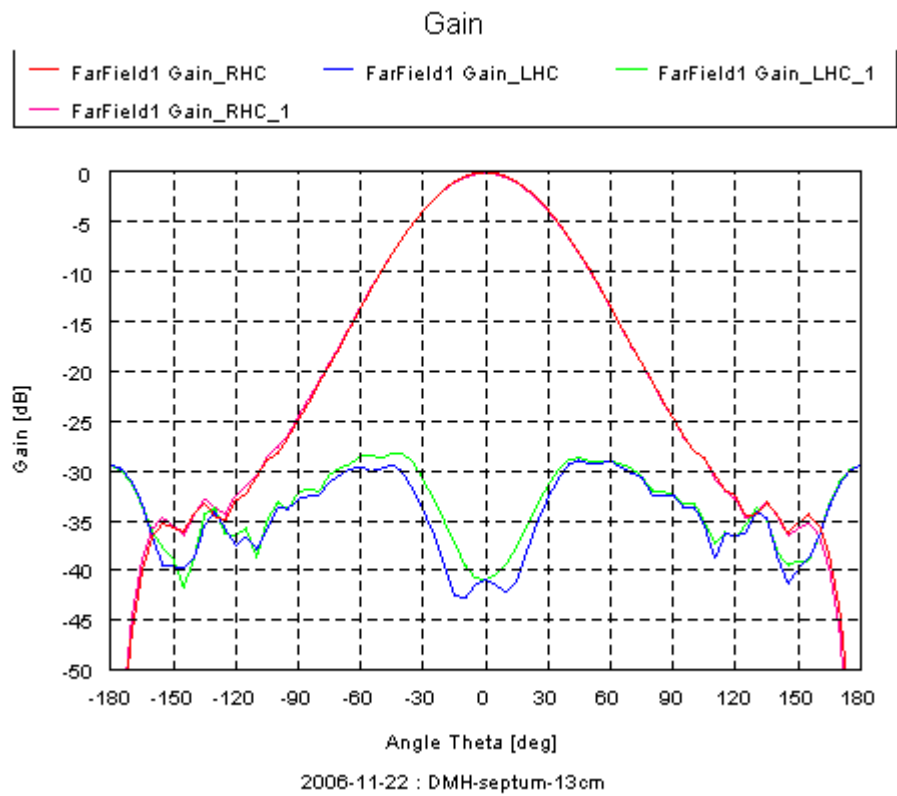


Sizes [mm]	HL0	HL1	HD1	HL2	HD2
2320MHz	300,0	32,0	142,0	185,0	170,0

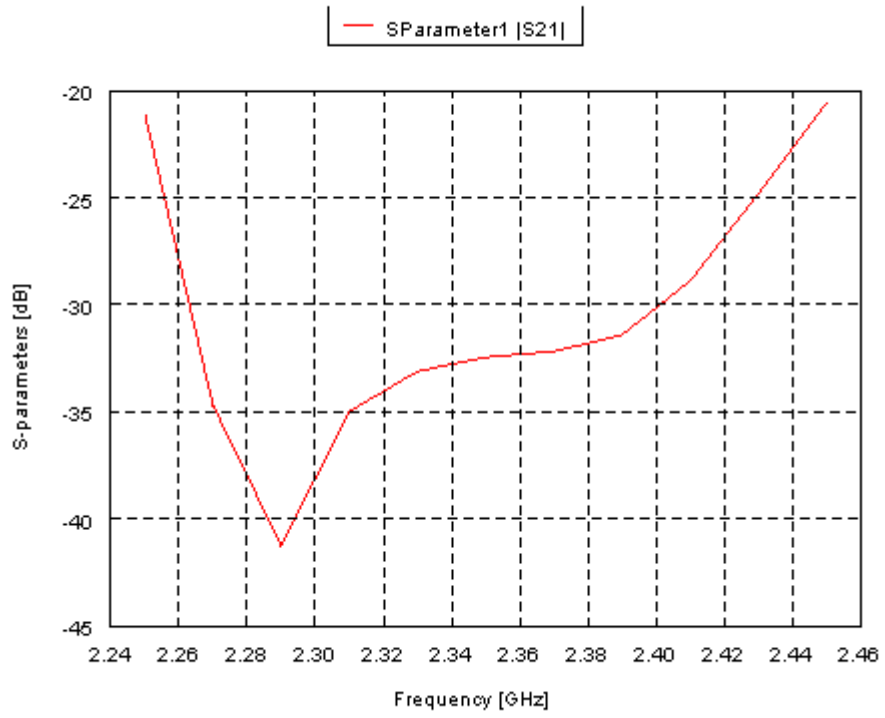


Sizes [mm]	PD1	PL1	PD2	PL2	PL3
2320MHz	1,3	2,0	3,5	22,1	24,2

MoM simulation results



S-parameters



2006-11-22 : DMH-septum-13cm

Surface current [A/m]

