Specialization Project - Weekly meeting

Fredrik Feyling

August 23, 2020

Specs

Specifications											
Parameter	Value	Unit	Comment								
Carrier frequency	5	MHz									
Bandwidth	5	MHz	2.5-7.5 MHz								
ENOB	>10	bits									
Noise density	<8	nV/rt(Hz)	NF=3dB								
Supply Voltage	<0.8	V									
Power consumption	<100	uW									
		<u> </u>									

Timeline

Activity\Week	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	Comments
Literature study																			Study system as well as individual blocks.
Specify problem description			х																
Architecture study																			Python simulations and analythical calculations for different architecures
Choice of architecture						x													
Implementation																			Do some kind of implementation to ge an estimate for current consumption
Final results ready														х					
Report writing																			
Report deadline	П																	х	19.12.202

Today