

CoreHW

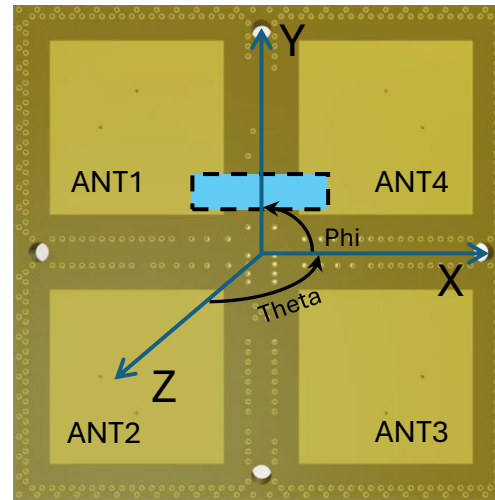
CoreHW ANT3 Antenna Array Performance Report

CoreHW ANT3 Antenna Array Elements, Theta 0°, Phi 0°

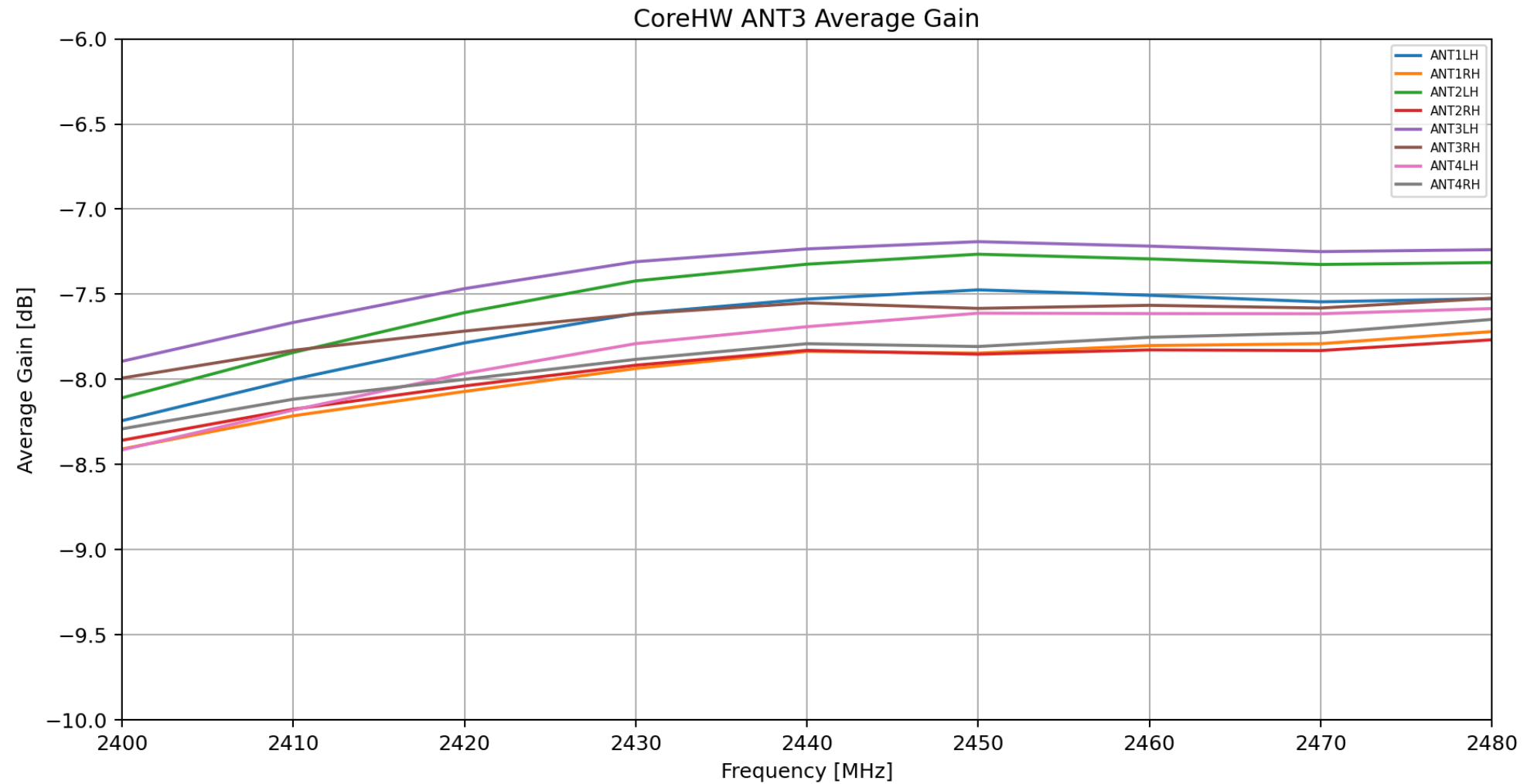


Size: 75mm*75mm

 = FPC connector on the backside of the PCB.



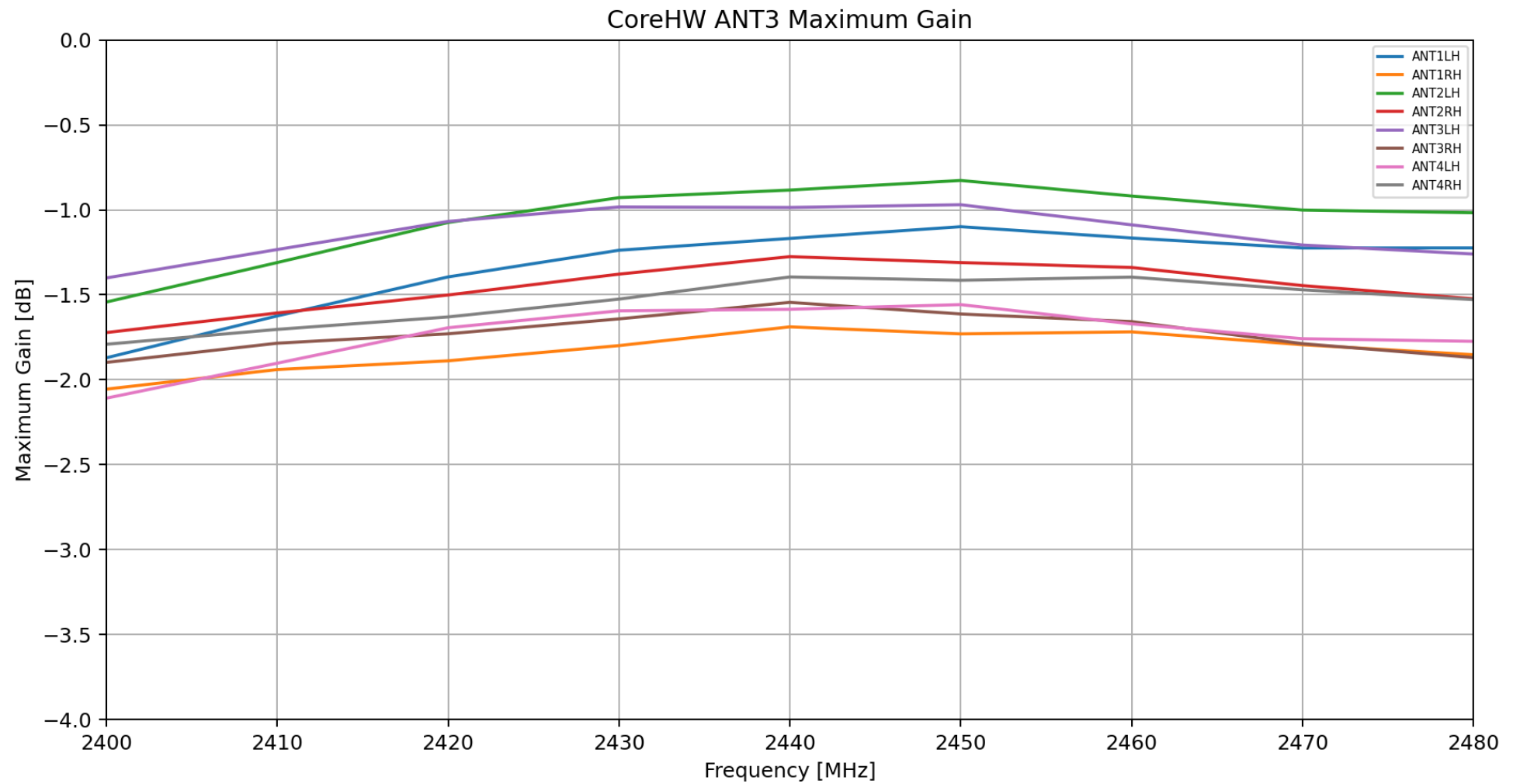
Selected ANT port	ANT polarizatoion	Patch element
ANT_1	RHCP	1
ANT_2	LHCP	1
ANT_5	RHCP	2
ANT_6	LHCP	2
ANT_11	RHCP	3
ANT_12	LHCP	3
ANT_15	RHCP	4
ANT_16	LHCP	4



Average Gain [dB]

	2400 [MHz]	2410 [MHz]	2420 [MHz]	2430 [MHz]	2440 [MHz]	2450 [MHz]	2460 [MHz]	2470 [MHz]	2480 [MHz]
ANT1RH	-8.41	-8.21	-8.07	-7.94	-7.84	-7.85	-7.80	-7.79	-7.72
ANT1LH	-8.24	-8.00	-7.79	-7.61	-7.53	-7.47	-7.51	-7.54	-7.53
ANT2RH	-8.36	-8.18	-8.04	-7.92	-7.83	-7.85	-7.83	-7.83	-7.77
ANT2LH	-8.11	-7.84	-7.61	-7.42	-7.32	-7.26	-7.29	-7.33	-7.31
ANT3RH	-7.99	-7.83	-7.72	-7.62	-7.55	-7.58	-7.56	-7.58	-7.52
ANT3LH	-7.89	-7.67	-7.47	-7.31	-7.23	-7.19	-7.22	-7.25	-7.24
ANT4RH	-8.29	-8.12	-8.00	-7.88	-7.79	-7.81	-7.75	-7.73	-7.65
ANT4LH	-8.41	-8.18	-7.97	-7.79	-7.69	-7.61	-7.61	-7.61	-7.58



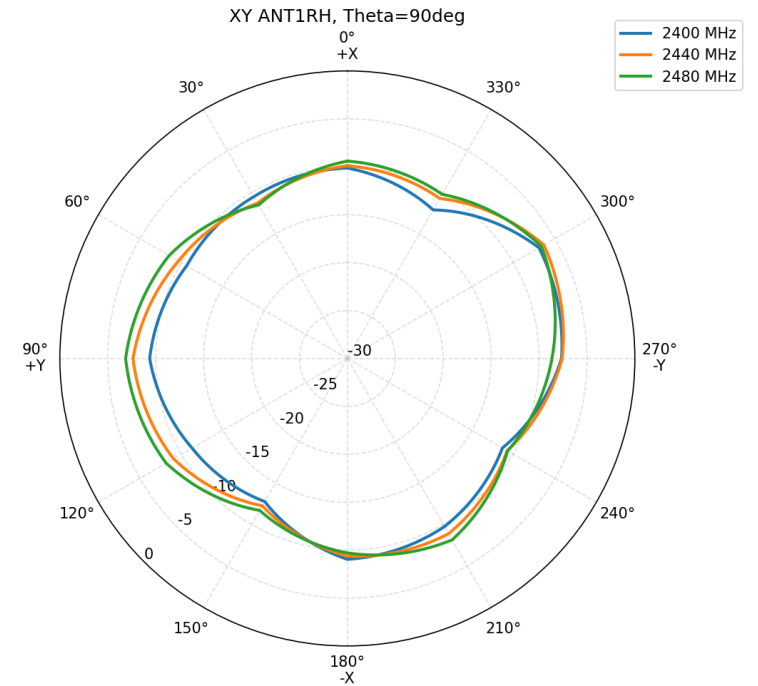
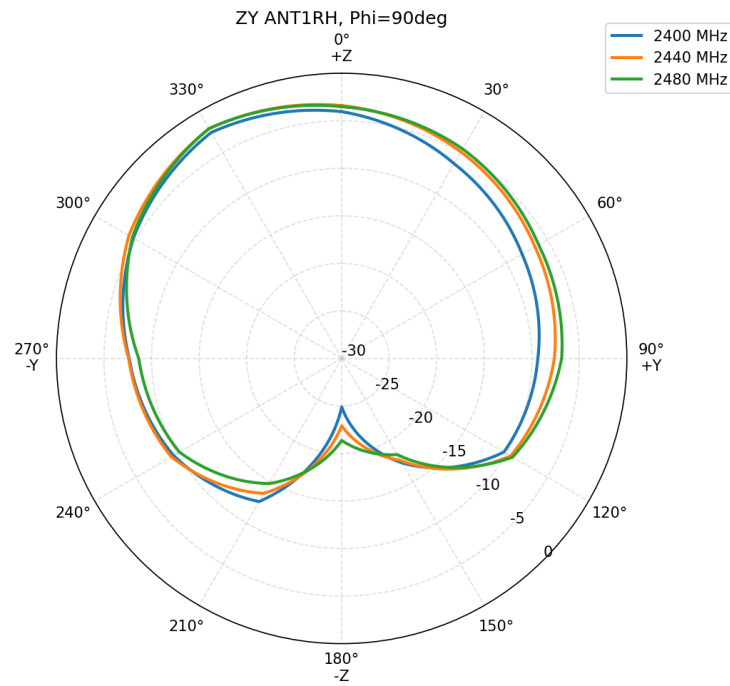
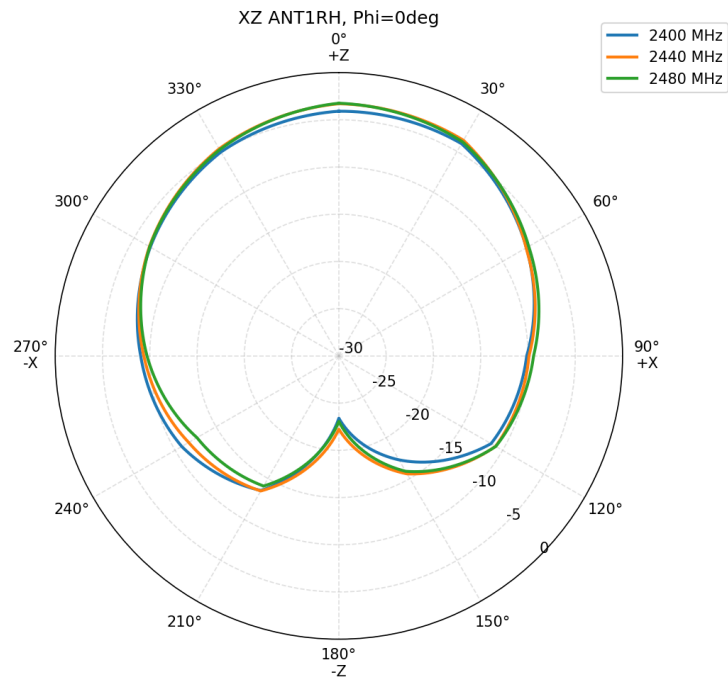


Maximum Gain [dB]

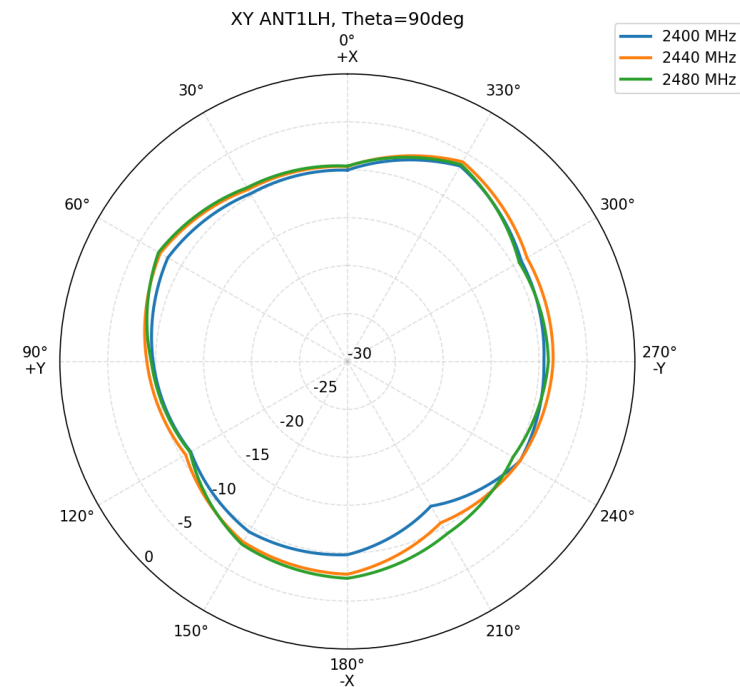
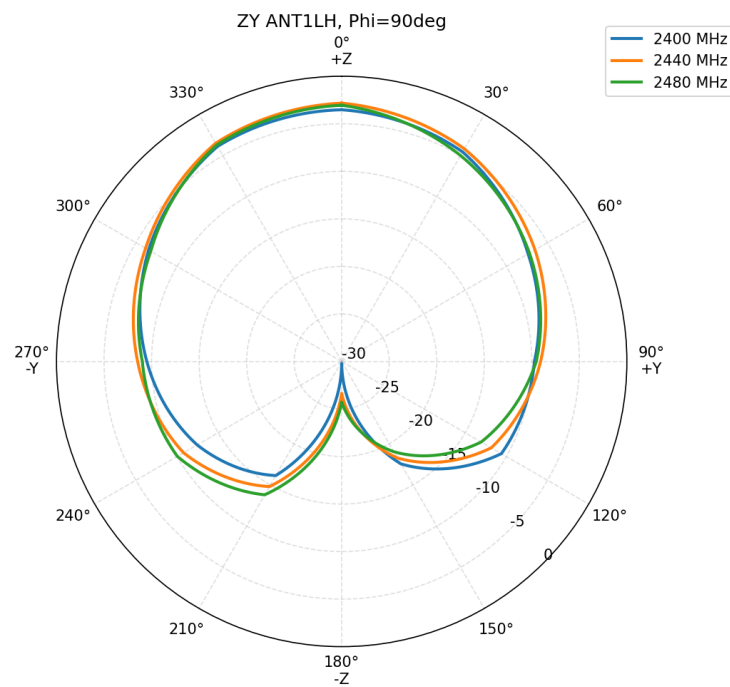
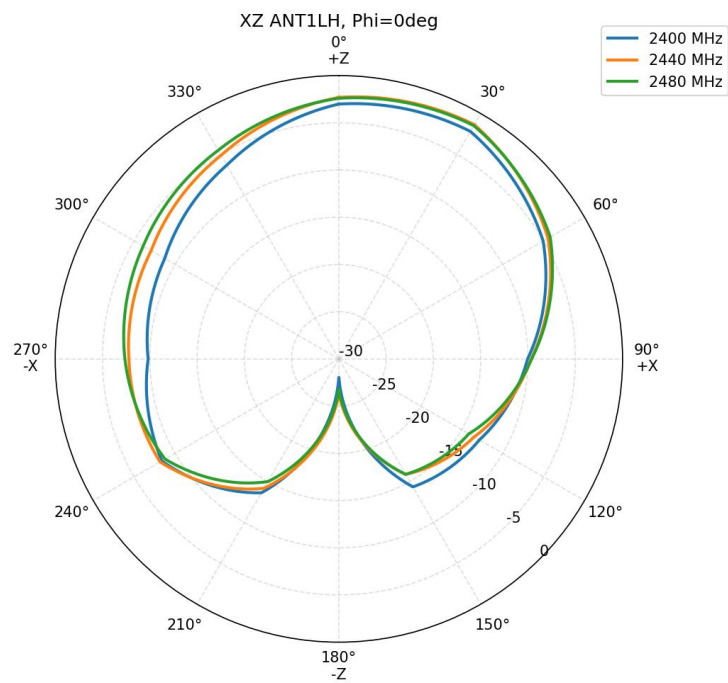
	2400 [MHz]	2410 [MHz]	2420 [MHz]	2430 [MHz]	2440 [MHz]	2450 [MHz]	2460 [MHz]	2470 [MHz]	2480 [MHz]
ANT1RH	-1.87	-1.62	-1.39	-1.24	-1.17	-1.10	-1.17	-1.22	-1.22
ANT1LH	-2.06	-1.94	-1.89	-1.80	-1.69	-1.73	-1.72	-1.79	-1.85
ANT2RH	-1.72	-1.61	-1.50	-1.38	-1.28	-1.31	-1.34	-1.45	-1.52
ANT2LH	-1.54	-1.31	-1.07	-0.93	-0.88	-0.83	-0.92	-1.00	-1.02
ANT3RH	-1.90	-1.79	-1.73	-1.64	-1.54	-1.61	-1.66	-1.79	-1.87
ANT3LH	-1.40	-1.23	-1.07	-0.98	-0.99	-0.97	-1.09	-1.21	-1.26
ANT4RH	-1.79	-1.70	-1.63	-1.53	-1.40	-1.41	-1.40	-1.47	-1.53
ANT4LH	-2.11	-1.90	-1.69	-1.59	-1.59	-1.56	-1.67	-1.76	-1.77



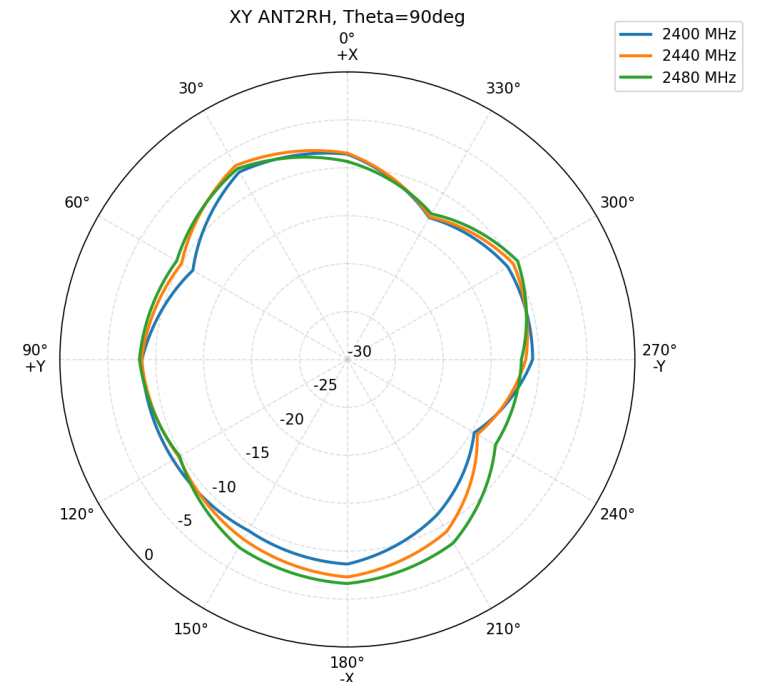
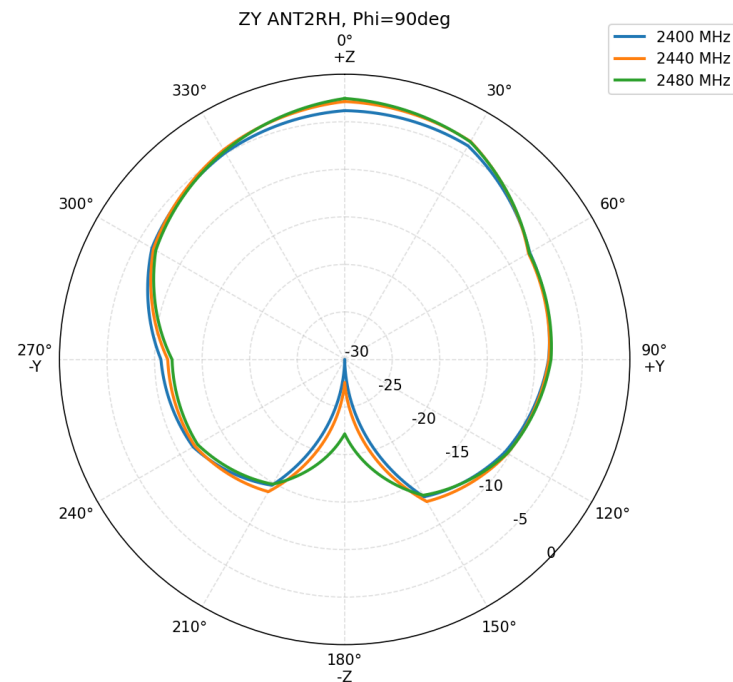
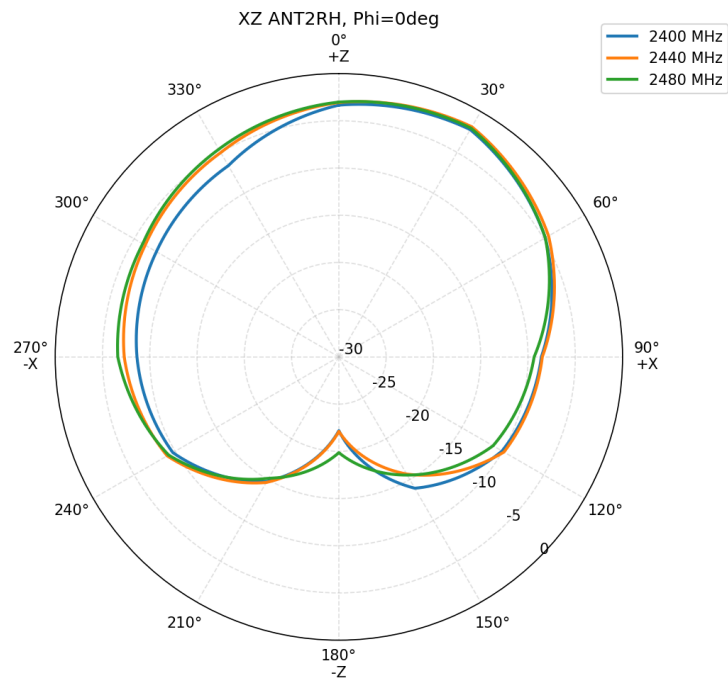
ANT1RH



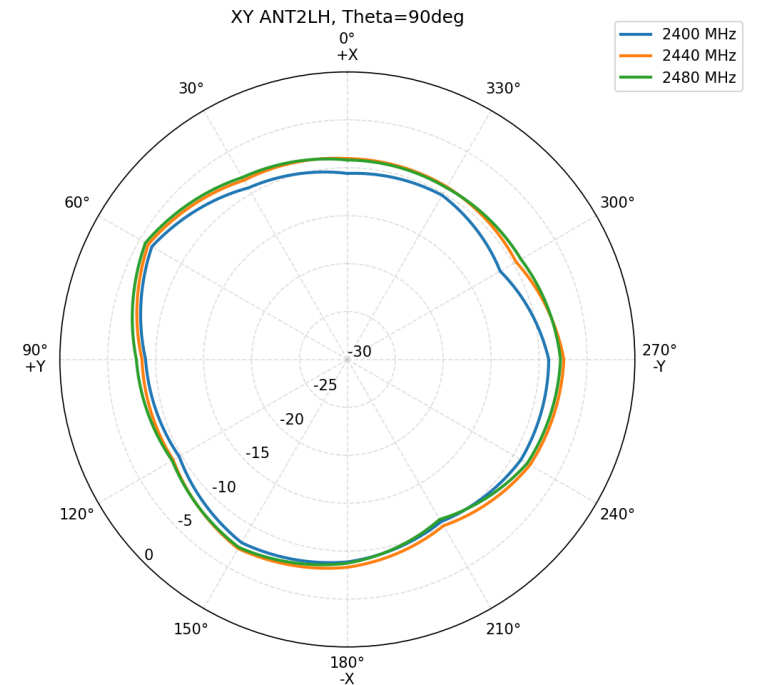
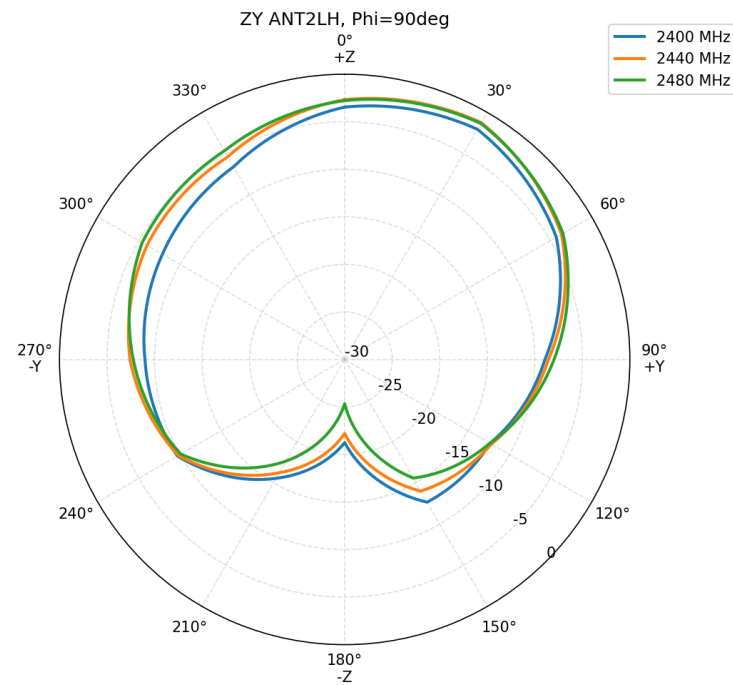
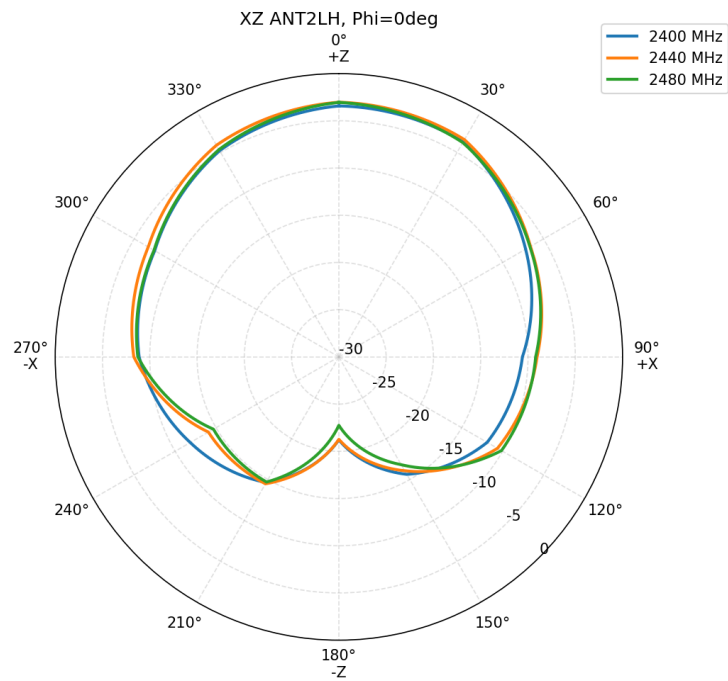
ANT1LH



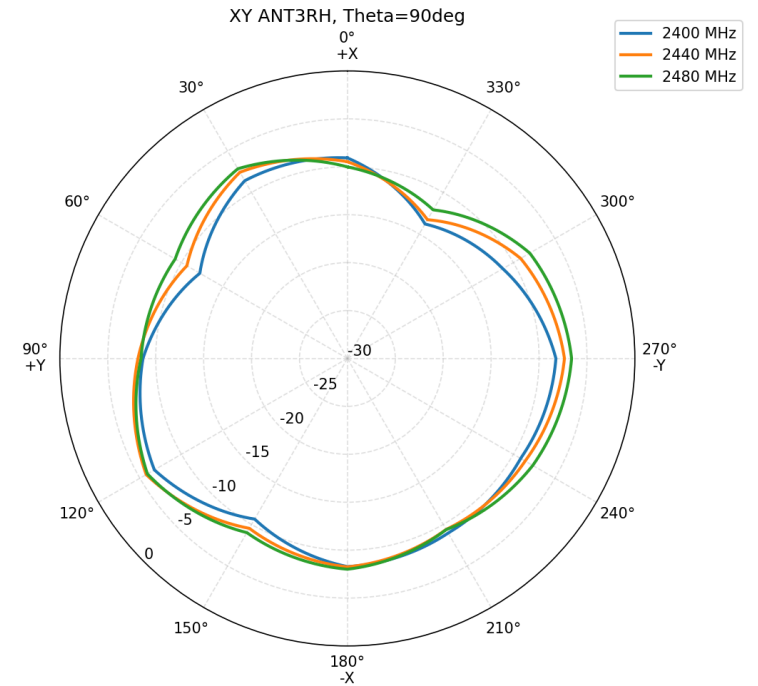
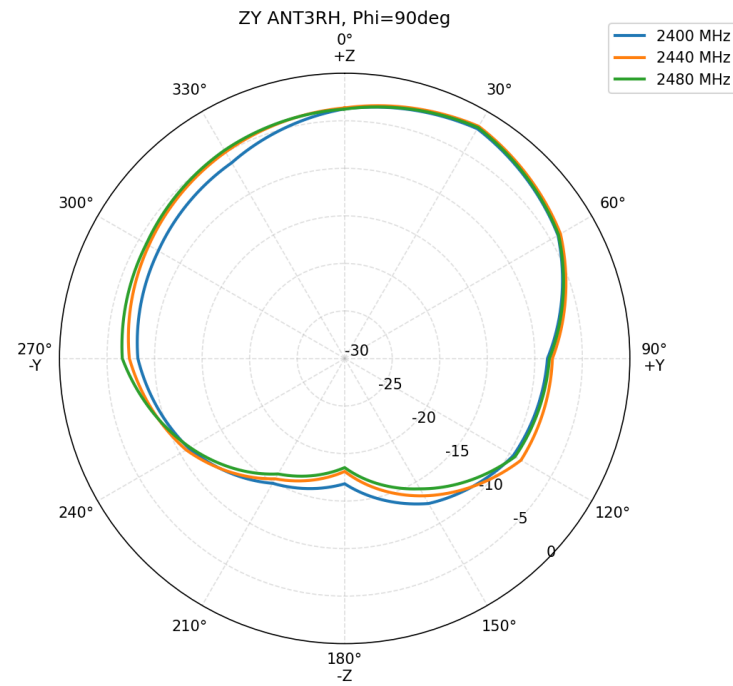
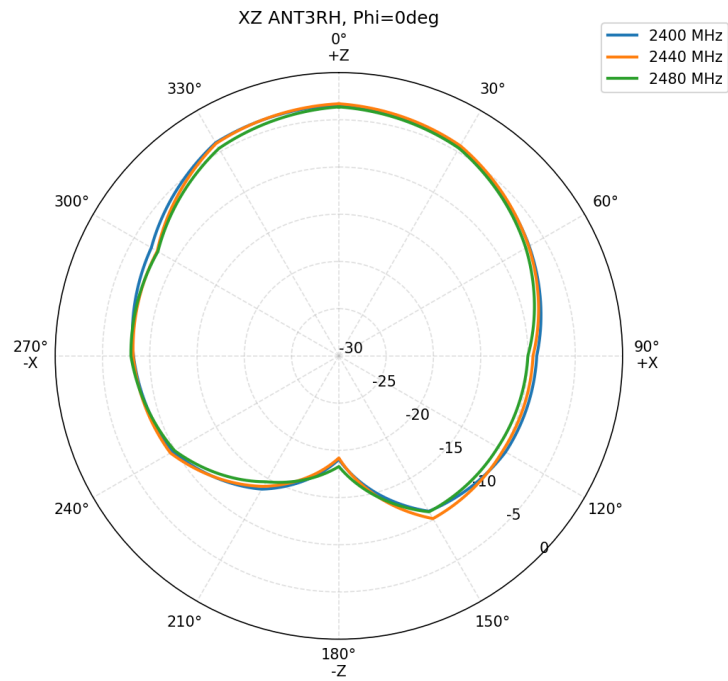
ANT2RH



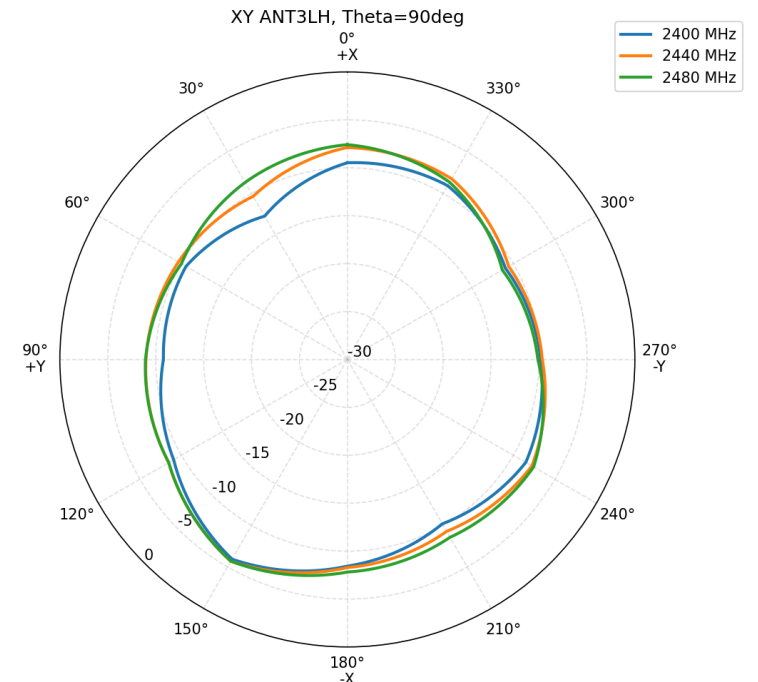
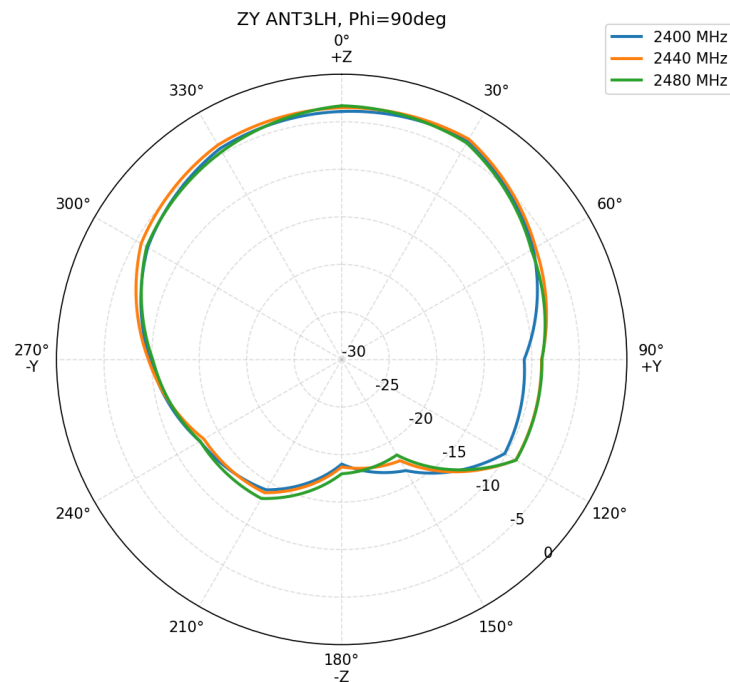
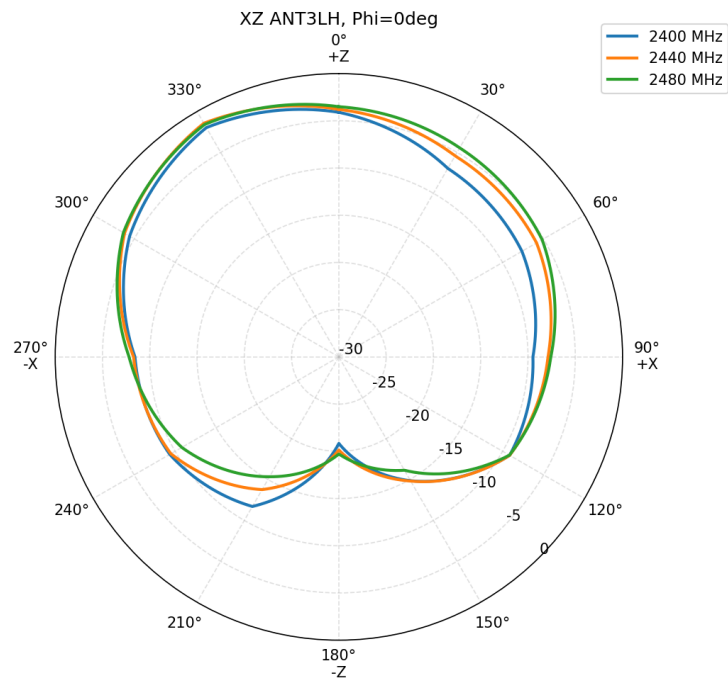
ANT2LH



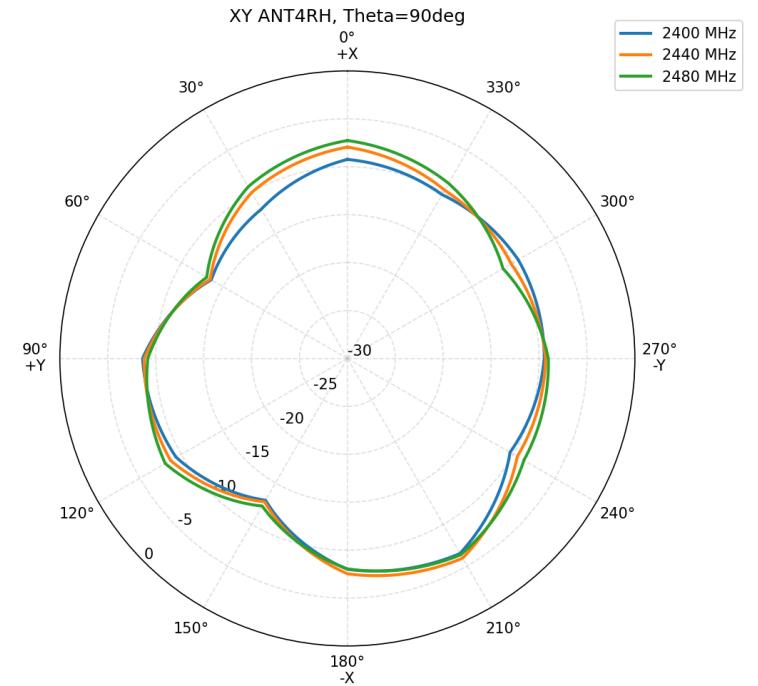
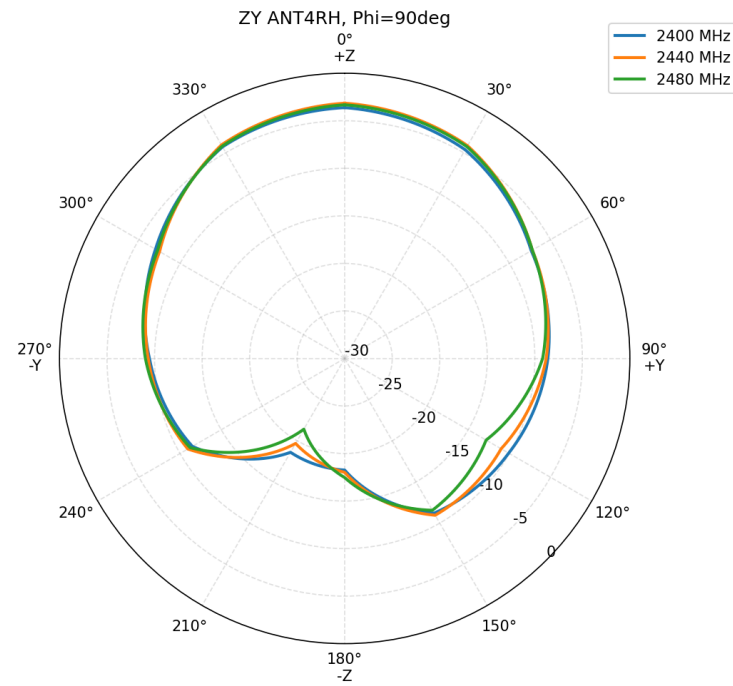
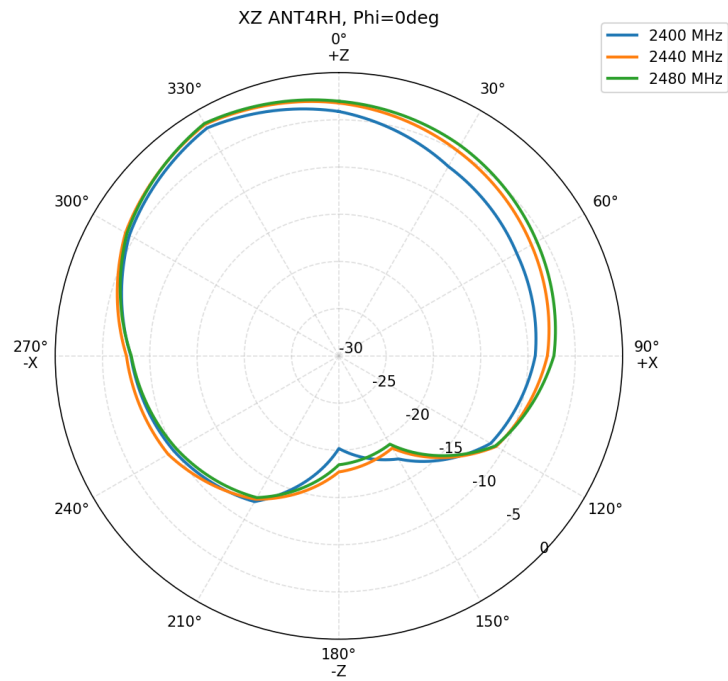
ANT3RH



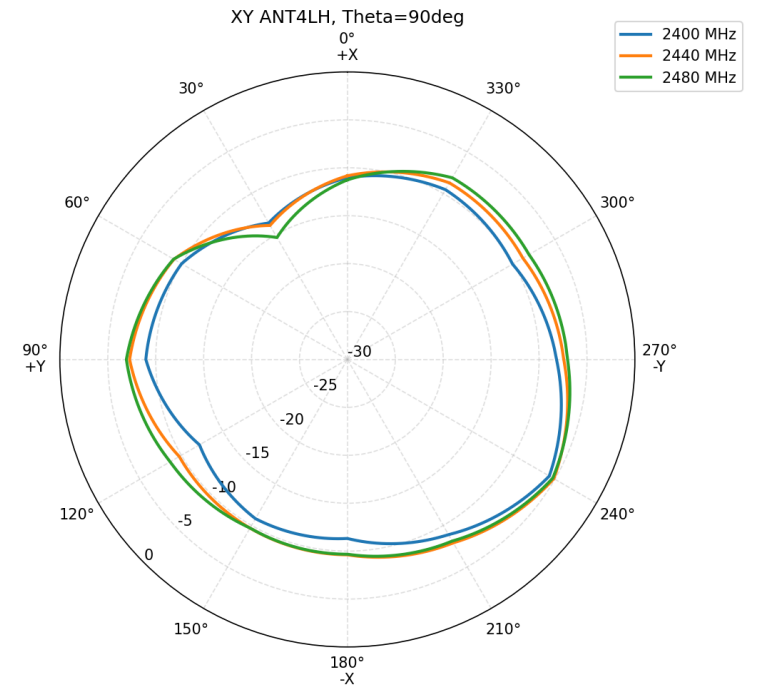
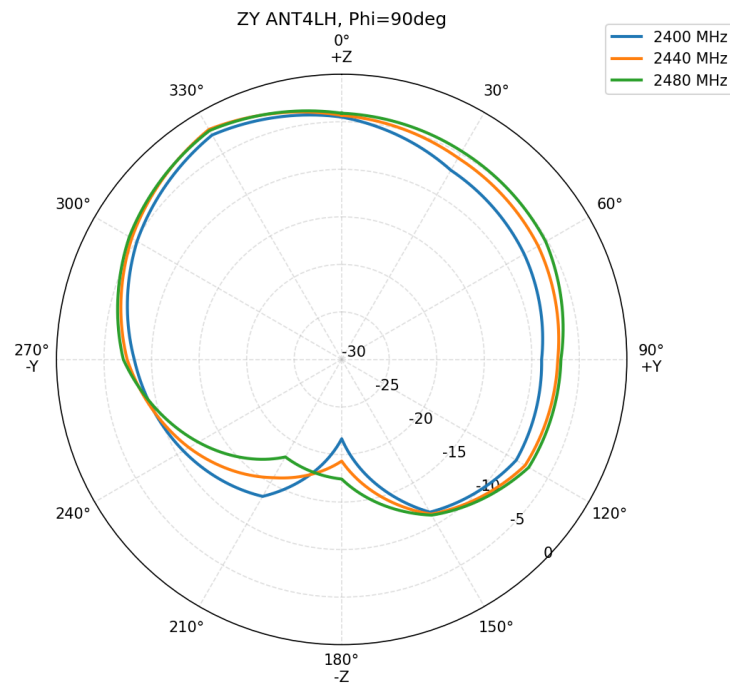
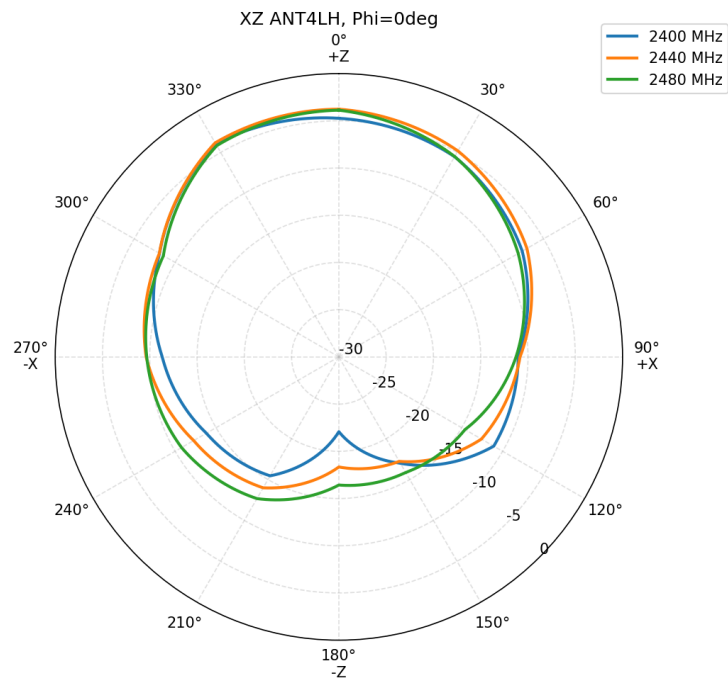
ANT3LH



ANT4RH



ANT4LH



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