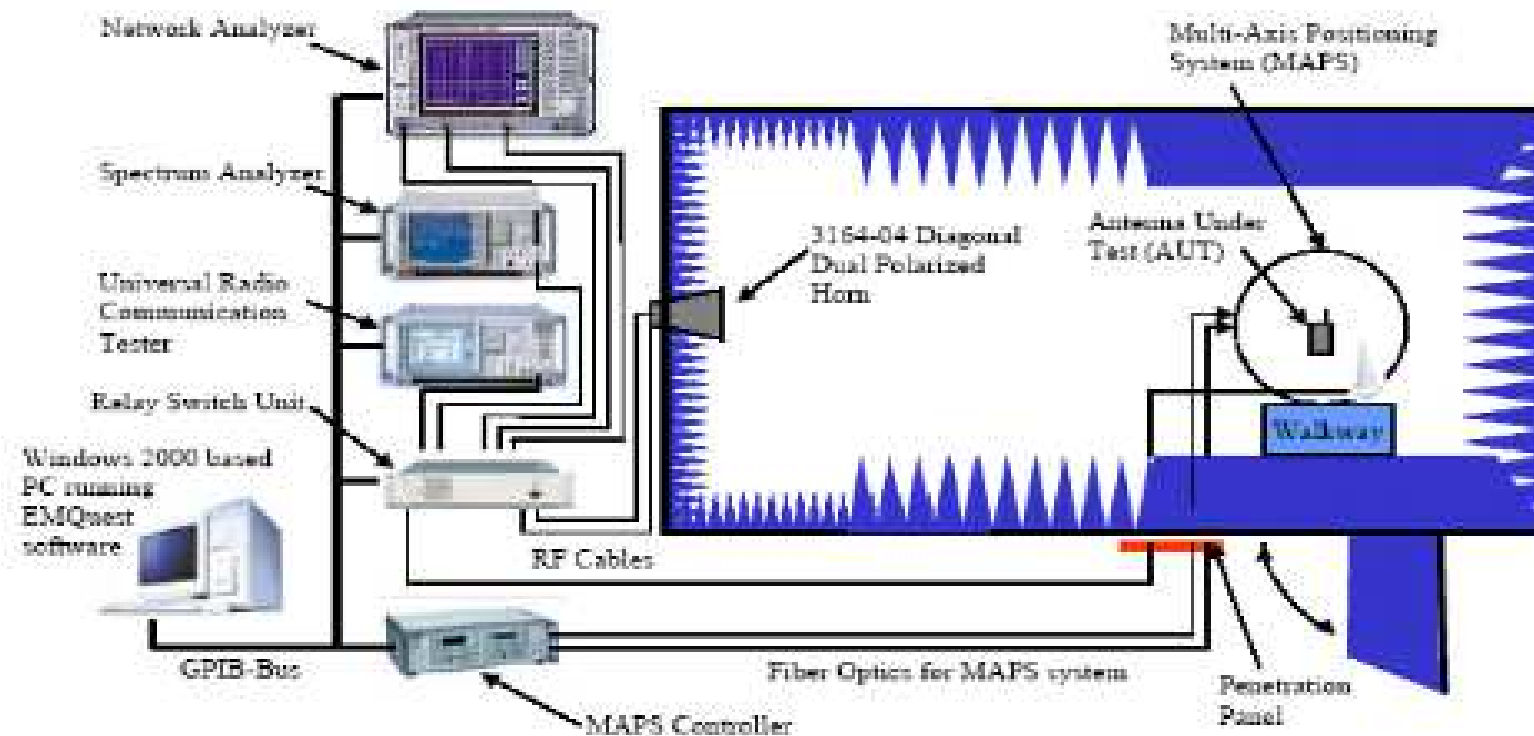


Smart Sensor Mini Antenna Test Report

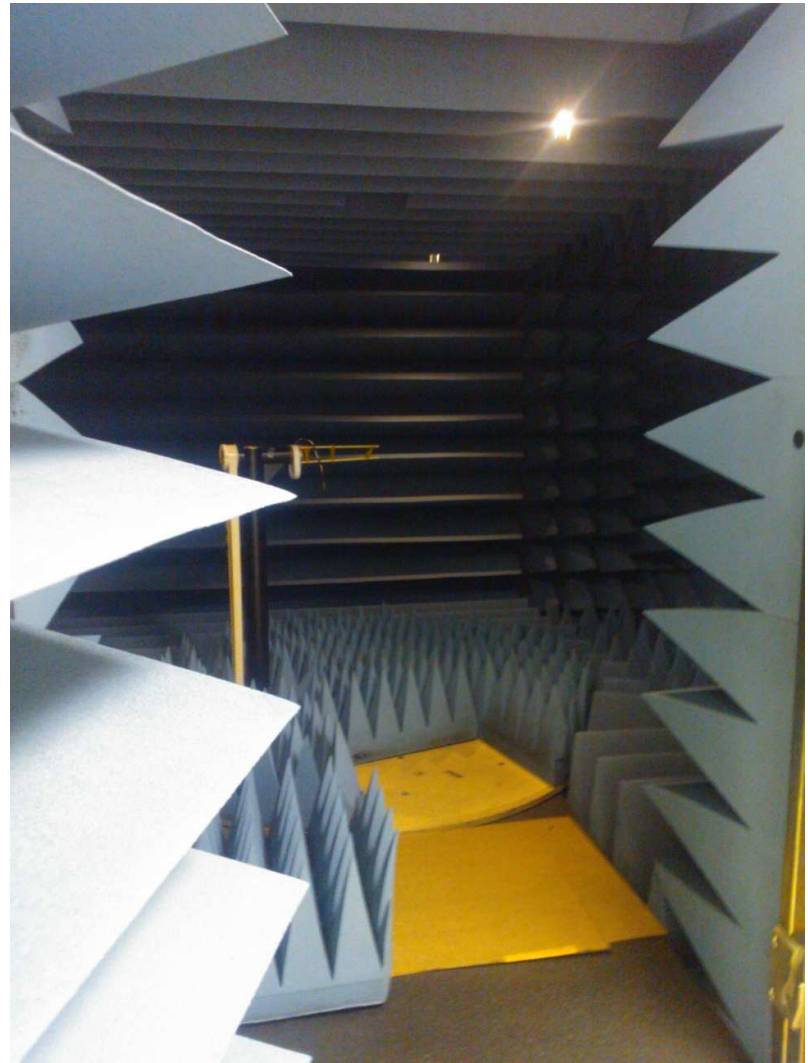
2015.6.29

CW Cheng

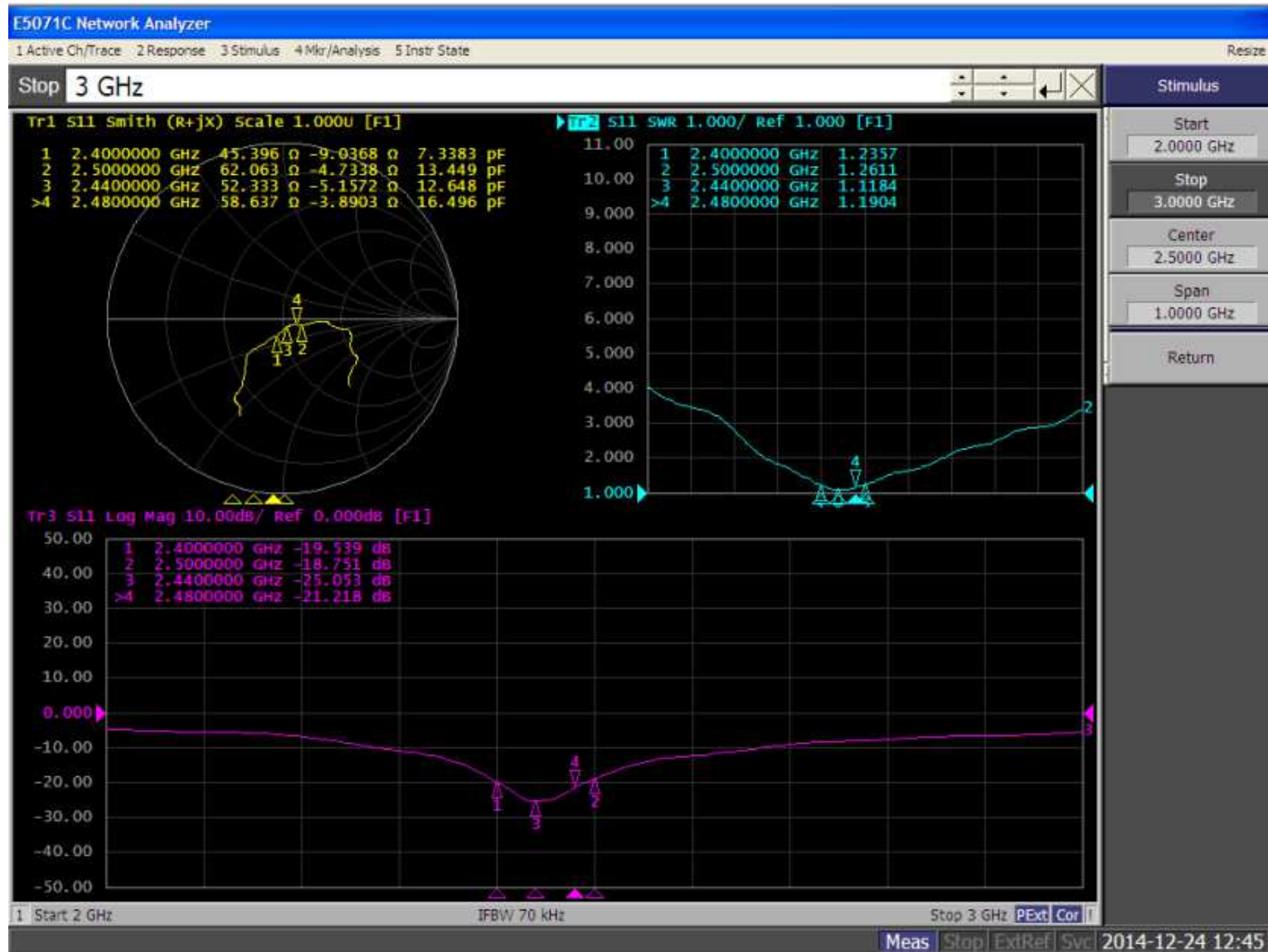
Typical AMS-8500 System Schematic



Laboratory Equipment

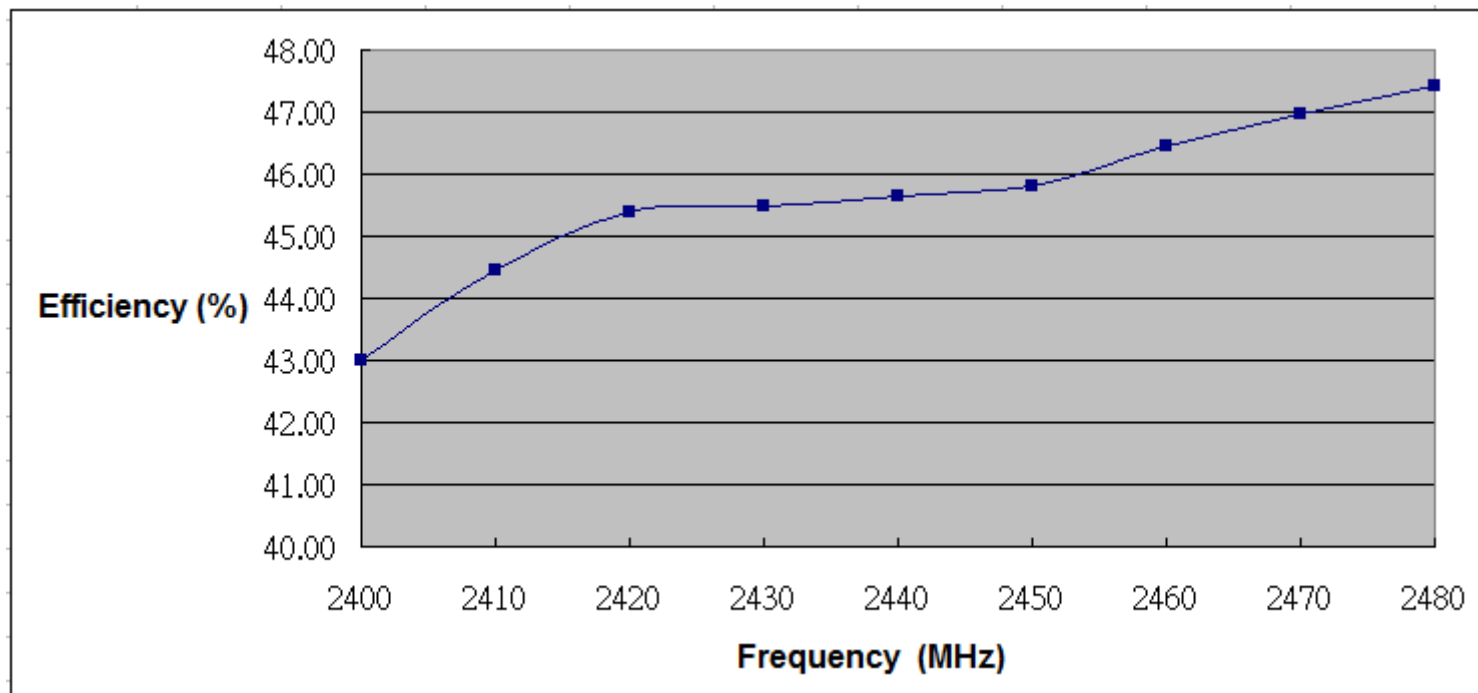


S11 Log Mag



Antenna Efficiency

Nordic	Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480
	Tot. Rad. Pwr. (dBm)	-3.66	-3.52	-3.43	-3.42	-3.41	-3.39	-3.33	-3.28	-3.24
	Gain (dBi)	-0.23	-0.05	0.12	0.18	0.17	0.18	0.19	0.27	0.36
	Efficiency (%)	43.01	44.46	45.40	45.47	45.64	45.80	46.45	46.96	47.43
	Average Efficiency (%)	45.62								



Radiation pattern

