

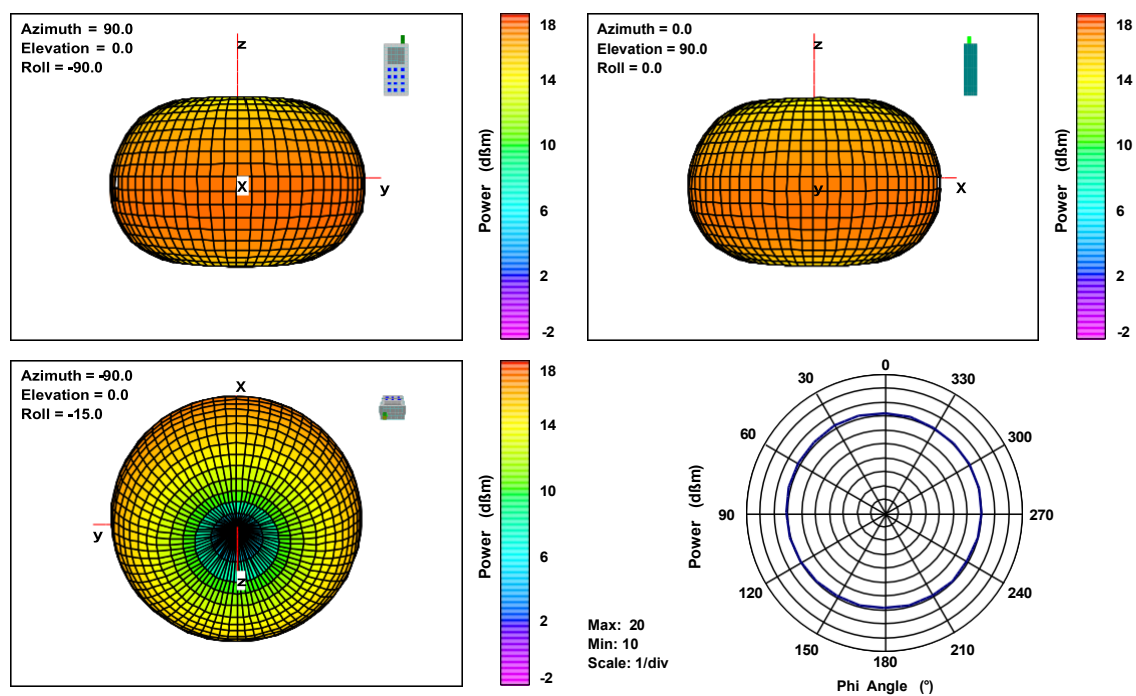
Antenna Pattern SPECTERA SKM



1. Radiated Pattern

1.1 SPECTERA SKM UHF, 474 MHz

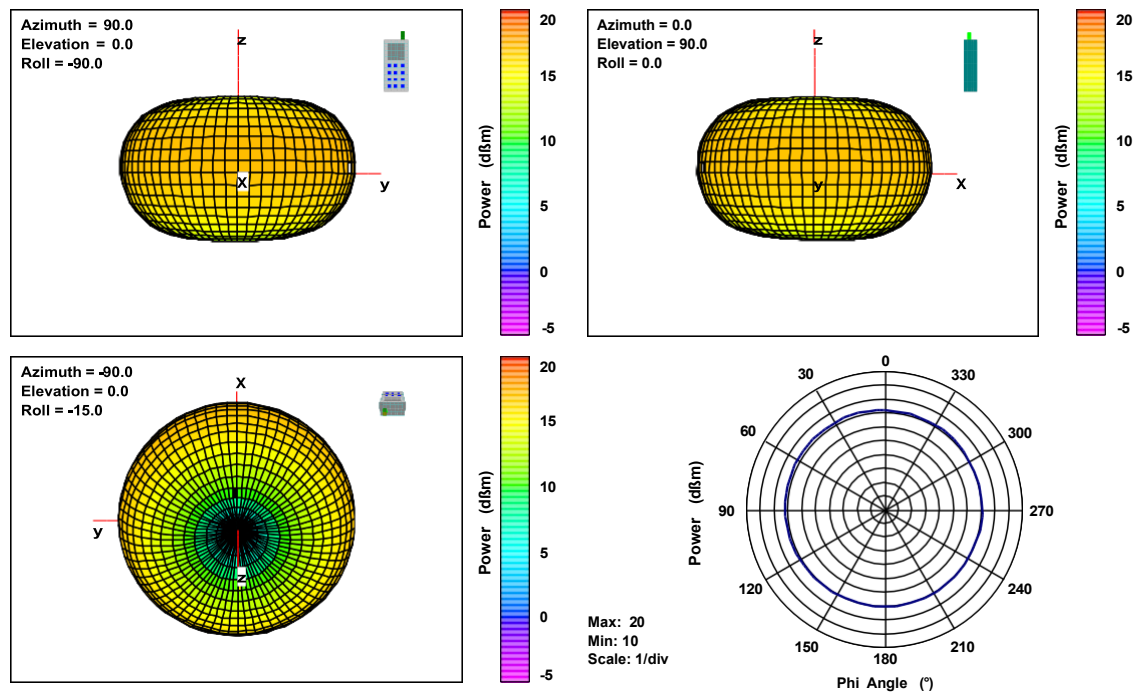
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
474	15.3	2.1	14.7	13.6	17.4



Theta = 90°

1.2 SPECTERA SKM UHF, 534 MHz

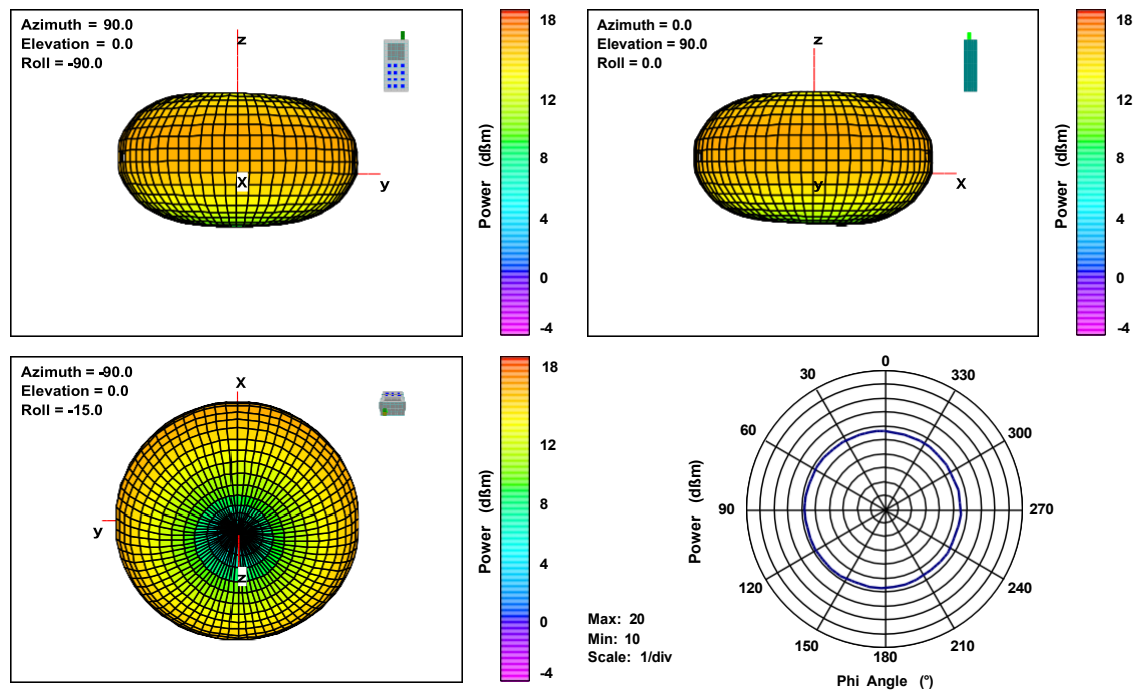
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
534	14.8	2.5	14.4	13.4	17.3



Theta = 90°

1.3 SPECTERA SKM UHF, 584 MHz

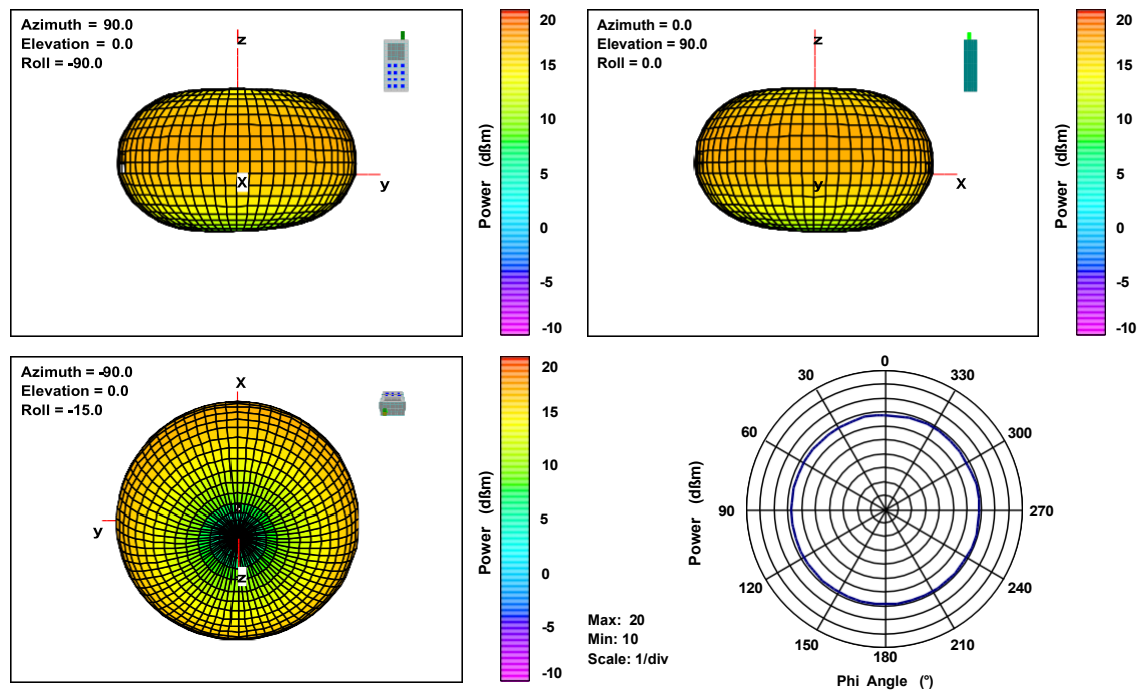
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
584	13.2	3.1	12.7	11.8	16.3



Theta = 90°

1.4 SPECTERA SKM UHF, 604 MHz

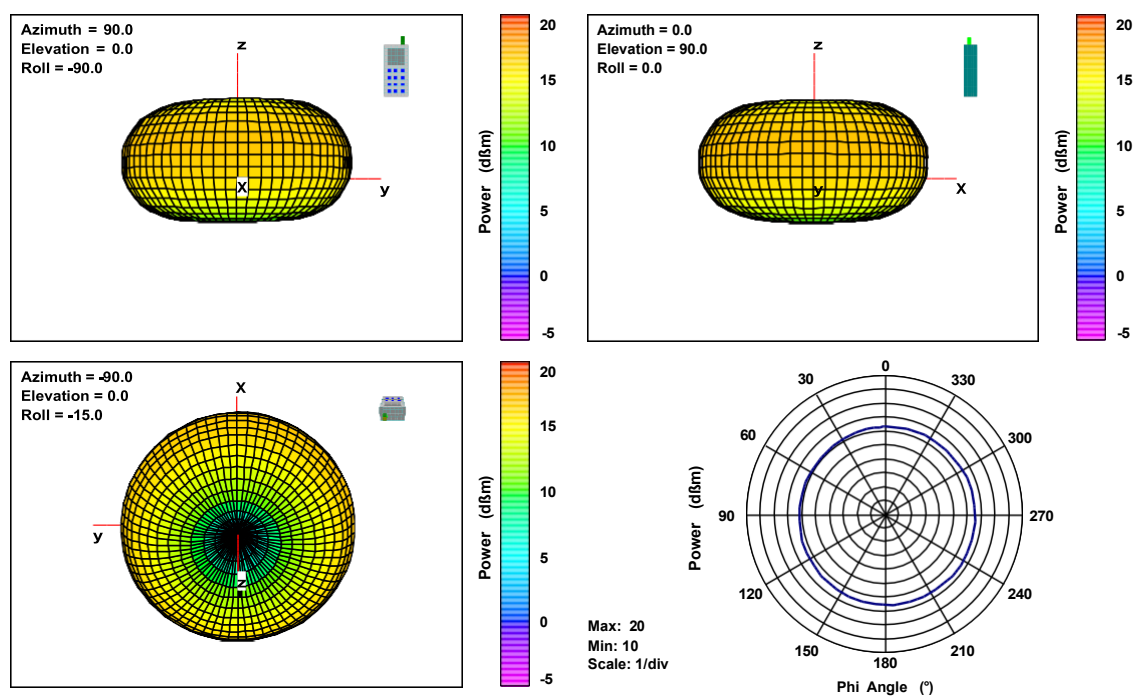
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
604	14.2	3.3	13.8	12.9	17.5



Theta = 90°

1.5 SPECTERA SKM UHF, 634 MHz

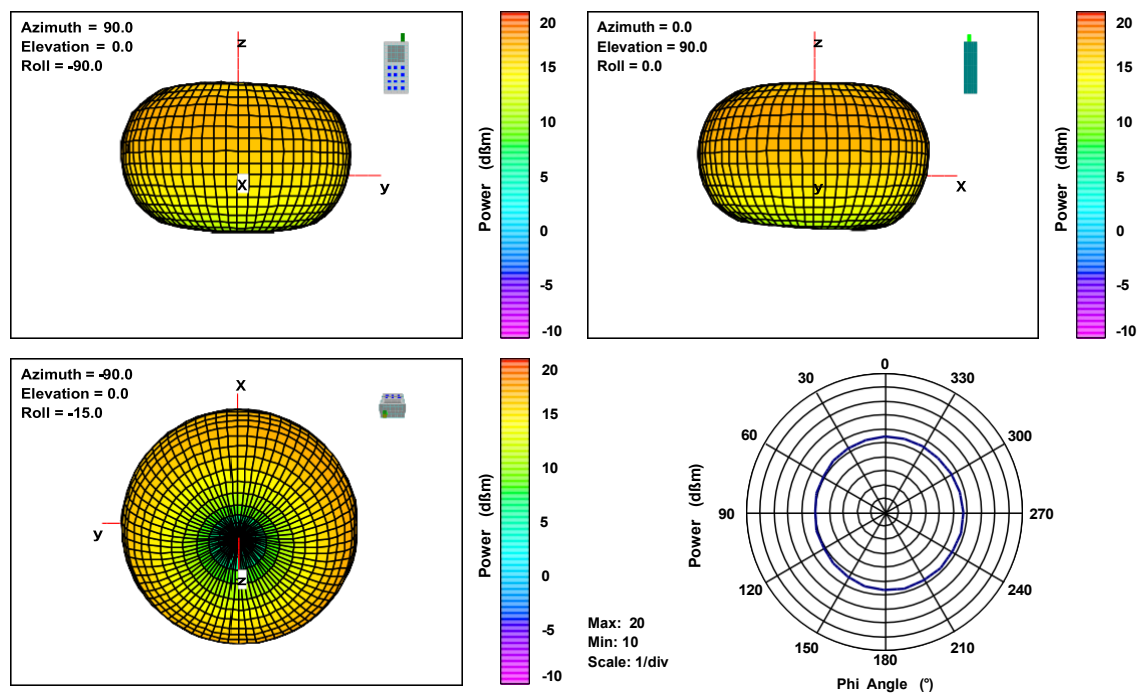
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
634	13.9	3.3	13.5	12.6	17.2



Theta = 90°

1.6 SPECTERA SKM UHF, 694 MHz

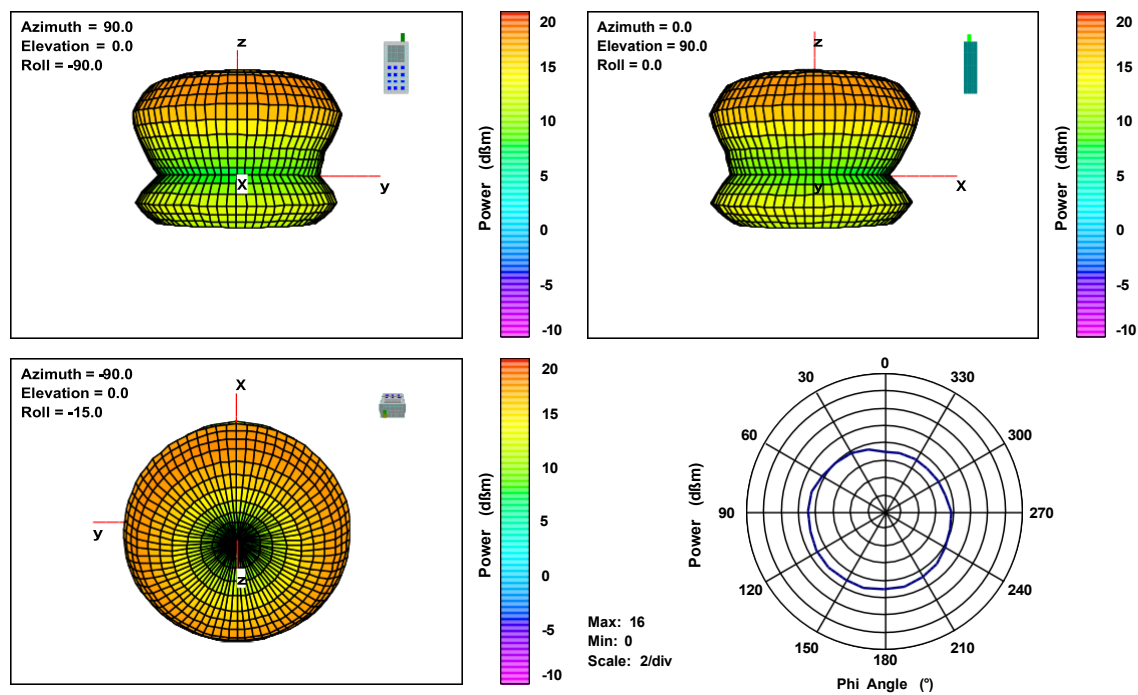
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
694	14.1	3.4	13.5	12.3	17.5



Theta = 90°

1.7 SPECTERA SKM 1G4, 1354 MHz

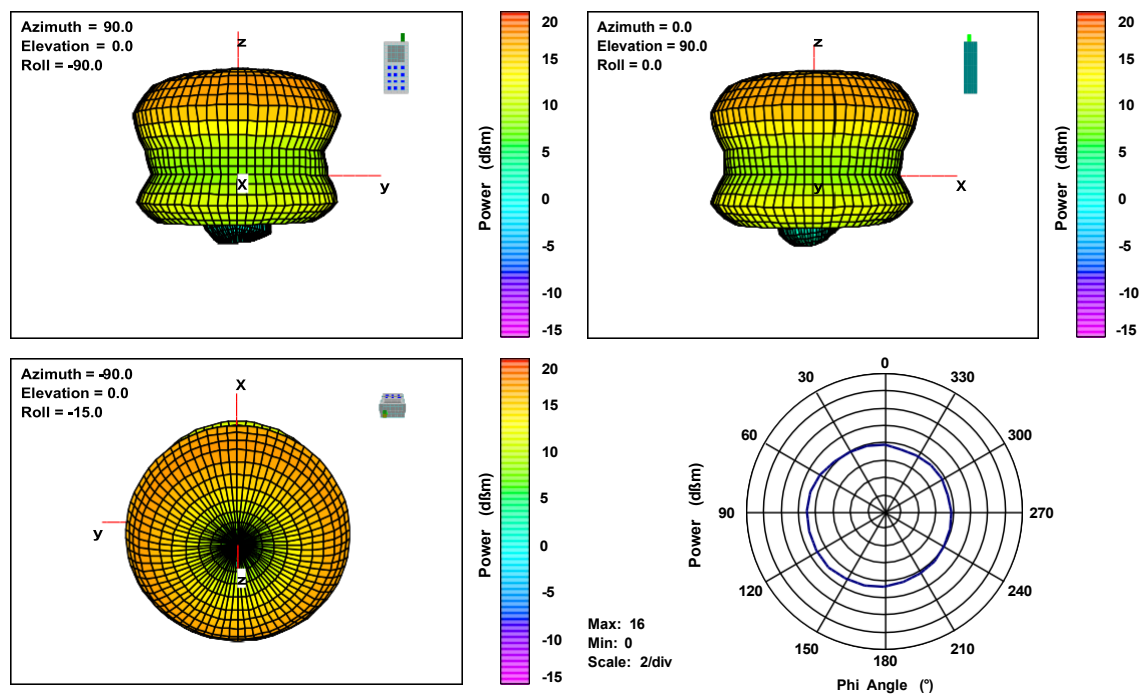
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
1354	13.4	4.9	12.0	9.6	18.3



Theta = 90°

1.8 SPECTERA SKM 1G4, 1394 MHz

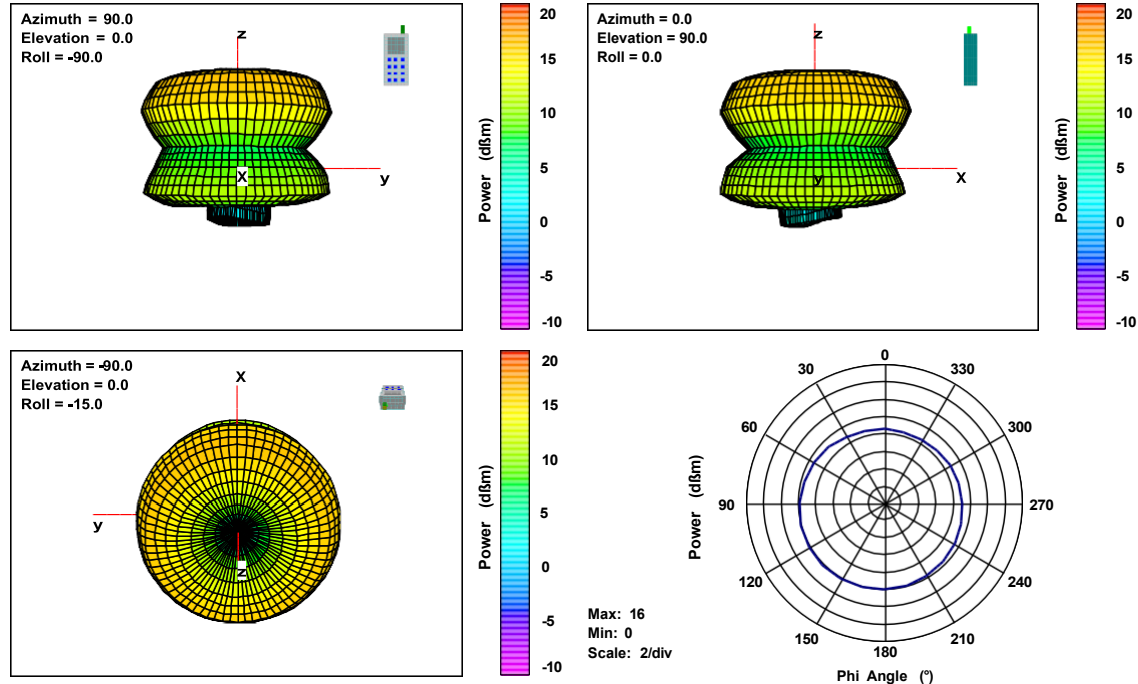
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
1394	12.5	5.1	11.1	8.7	17.6



Theta = 90°

1.9 SPECTERA SKM 1G4, 1448 MHz

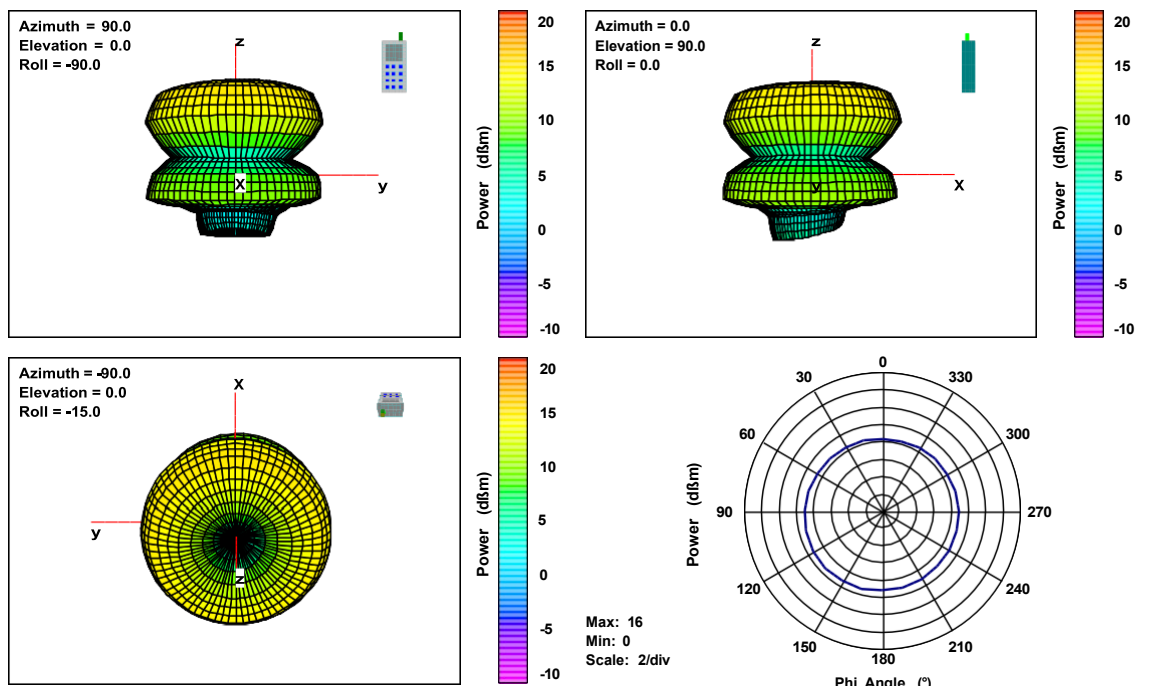
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
1448	11.4	5.3	9.9	7.5	16.7



Theta = 90°

1.10 SPECTERA SKM 1G4, 1496 MHz

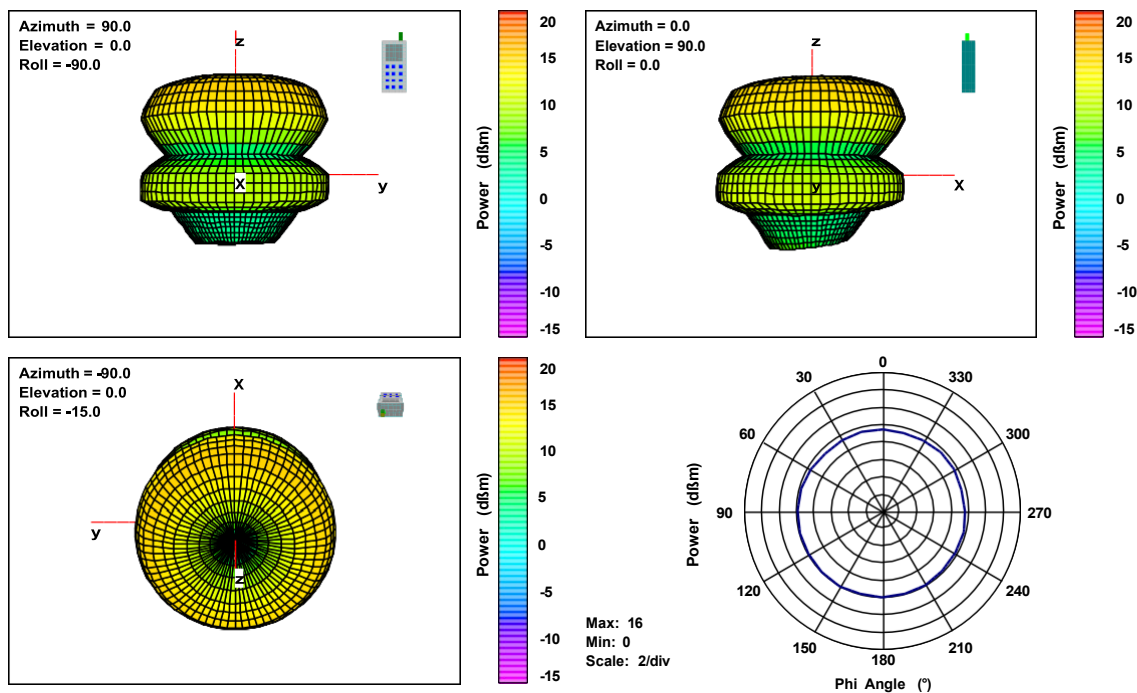
TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
1496	10.1	5.2	8.4	6.1	15.3



Theta = 90°

1.11 SPECTERA SKM 1G4, 1521 MHz

TX freq. (MHz)	TRP (dBm)	Directivity (dBi)	NH45 (dBm)	NH30 (dBm)	EIRP (dBm)
1521	10.4	5.2	8.8	6.4	15.6



2. Results Summary

SPECTERA SKM UHF:

Freq / MHz	474	534	584	604	634	694
Tot. Rad. Pwr. (dBm)	15.3	14.8	13.2	14.2	13.9	14.1
Peak EIRP (dBm)	17.4	17.3	16.3	17.5	17.2	17.5
Directivity (dBi)	2.1	2.5	3.1	3.3	3.3	3.4

SPECTERA SKM 1G4:

Freq / MHz	1354	1394	1448	1496	1521
Tot. Rad. Pwr. (dBm)	13.4	12.5	11.4	10.1	10.4
Peak EIRP (dBm)	18.3	17.6	16.7	15.3	15.6
Directivity (dBi)	4.9	5.1	5.3	5.2	5.2