



V66i and V66 TRP and 3D pattern

ASUSTek

RD9 RF

050818

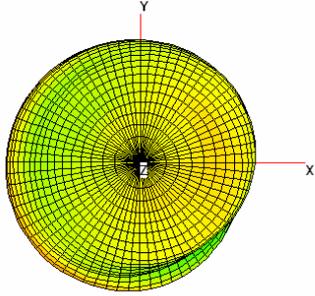


V66i and V66 PCS TRP Summary

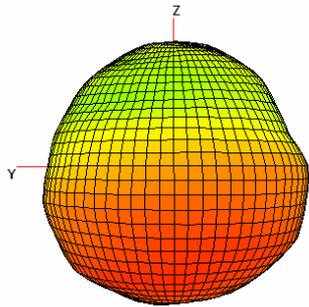
Model	V66i			V66		
Condition	MP			MP		
System						
Frequency	1850.2	1880	1909.8	1850.2	1880	1909.8
Channel	PCS 512	PCS 661	PCS 810	PCS 512	PCS 661	PCS 810
Ant. Port Input Pwr. (dBm)						
Tot. Rad. Pwr. (dBm)	24.5858	23.1481	21.5281	23.779	22.2614	20.6412
Peak EIRP (dBm)	30.054	28.7222	27.0365	29.0959	27.9912	26.4041
Directivity (dBi)	5.46821	5.57407	5.50833	5.3169	5.72971	5.76287
Efficiency (dB)	24.5858	23.1481	21.5281	23.779	22.2614	20.6412
Gain (dBi)	30.054	28.7222	27.0365	29.0959	27.9912	26.4041
NHPRP $\pm\pi/4$ (dBm)	22.9999	21.5378	19.9067	22.3576	20.5895	18.9515
NHPRP $\pm\pi/6$ (dBm)	21.1841	19.6835	18.0082	20.6533	18.6867	16.9956
NHPRP $\pm\pi/8$ (dBm)	19.8605	18.3384	16.621	19.3778	17.3171	15.5762
Front/Back Ratio (dB)	6.70455	6.32781	6.0876	7.16079	6.62889	6.48558
Phi BW (°)	117	114	113	120	110	110
+ Phi BW (°)	72	67	69	51	66	64
- Phi BW (°)	45	47	44	69	44	46
Theta BW (°)	74	74	73	74	74	72
+ Th. BW (°)	36	35	35	40	37	35
- Th. BW (°)	38	39	38	34	37	37
Boresight Phi (°)	166.8	172.2	164.8	195	163.4	167.8
Boresight Th. (°)	135	135	135	120	135	135
Maximum Power (dBm)	30.054	28.7222	27.0365	29.0959	27.9912	26.4041
Minimum Power (dBm)	14.701	13.814	11.982	13.2987	13.1205	11.5315
Average Power (dBm)	23.9927	22.6398	21.0031	22.9654	21.7803	20.1792

PCS ARFCN 661 3D pattern

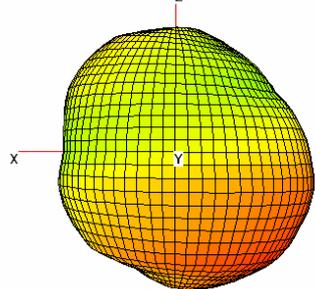
V66i



XY plane

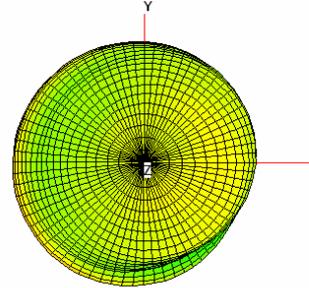


YZ plane

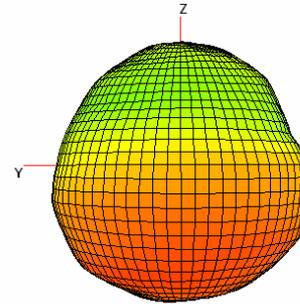


XZ plane

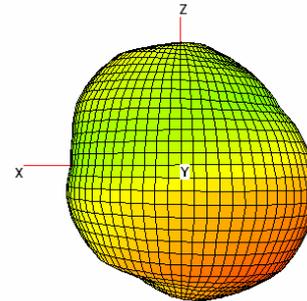
V66



XY plane



YZ plane



XZ plane

