

Substitution Data Calculation for CYBER BANK

Frequency (MHz)	V/H	OSA Reading (dBuV)	SG setting (dBm)	SA Reading (dBuV)	SA Reading (dBm)	Corrected SG Setting (dBm)	Ant Gain (dB)	Dipole Gain (dB)	Cable Los (dB)	Result (dBm)	ERP (W)
1673.04	V	64.4	-54	65.9	-41.1	-55.50	8.80	2.15	0.9	-49.75	0.00001059
1673.04	H	57	-68	56.6	-50.4	-67.60	8.80	2.15	0.9	-61.85	0.00000065
2509.56	H	52.9	-76	52.6	-54.4	-75.70	8.99	2.15	0.95	-69.81	0.00000010
2509.56	V	46	-76	46.6	-60.4	-76.60	8.99	2.15	0.95	-70.71	0.00000009
1651.74	H	46.4	-80	46.8	-60.2	-80.40	8.80	2.15	0.9	-74.65	0.00000003
2477.61	H	45	-86	44.4	-62.6	-85.40	8.99	2.15	0.95	-79.51	0.00000001
1696.74	V	44.6	-73	45	-62	-73.40	8.80	2.15	0.9	-67.65	0.00000017
1696.74	H	48.8	-78	48.9	-58.1	-78.10	8.80	2.15	0.9	-72.35	0.00000006
2545.11	H	46	-86	46.6	-60.4	-86.60	8.97	2.15	0.95	-80.73	0.00000001
2545.11	V	43.3	-82	44	-63	-82.70	8.97	2.15	0.95	-76.83	0.00000002