



DOWNLINK		UPLINK	
Cell Site		Cell Site	
Antenna System		Antenna System	
Antenna Gain	12.15 dBi	Antenna Gain	12.15 dBi
Connector Losses	0.50 dB	Diversity Gain	1.50 dB
Jumper Cable Losses (top & bottom)	0.56 dB	Connector Losses	0.50 dB
TX Cable Loss	2.18 dB	Jumper Cable Loss (top & bottom)	0.56 dB
		TX Cable Loss	2.18 dB
		Pre-Amp Gain (top)	16.00 dB
Receiver Multicoupler		Receiver Multicoupler	
Duplexer Loss	1.00 dB	Duplexer Loss	1.00 dB
Spider Loss plus Cable Loss	0.2 dB	Variable Attenuator(?)	0.00 dB
Combiner Loss+Cable Loss	3.68 dB	Band Pass Filter Loss	0.50 dB
PA Out	46.02 dBm	LNA Variable Gain	19.00 dB
	40.00 Watts	LNA Adjust Knob Setting (0 - 9)	4
EIRP	50.05 dBm	3 dB Attenuator Pad	3.00 dB
	61.67 Watts	Splitter Loss	10.50 dB
		RF Bay	
		Cable Loss (RF Bay to RMC)	1.00 dB
		Splitter Loss	10.50 dB
		Cable Loss (Transceiver to Splitter)	1.00 dB
		Transceiver Receiver Sensitivity	-116.00 dBm
MU		MU	
MS Receiver Sensitivity	-113.00 dBm	EIRP (0.6 Watts)	29.93 dBi
Antenna Gain	2.15 dBi		
OTHERS		OTHERS	
In-Building	15.00 dB	In-Building	15.00 dB
In-Car Loss	10.00 dB	In-Car Loss	10.00 dB
Body Loss	3.00 dB	Body Loss	3.00 dB
Log Normal Margin from 50% to 80 % location probability	10.29 dB	Log Normal Margin from 50% to 80 % location probability	10.29 dB
MAPL (In-building Portable)	136.91 dB	MAPL (In-building Portable)	135.55 dB
Signal at Mobile	-85 dBm	Signal at Cell Site	-88 dBm
Min. RSL with Balanced Path	-113.00 dBm	Min. RSL with Balanced Path	-116.00 dBm
MAPL (In-vehicle Portable)	141.91 dB	MAPL (In-vehicle Portable)	140.55 dB
Signal at Mobile	-90 dBm	Signal at Cell Site	-93 dBm
Min. RSL with Balanced Path	-113.00 dBm	Min. RSL with Balanced Path	-116.00 dBm
MAPL (On-street Portable)	151.91 dB	MAPL (On-street Portable)	150.55 dB
Signal at Mobile	-100 dBm	Signal at Cell Site	-103 dBm
Min. RSL with Balanced Path	-111.64 dBm	Min. RSL with Balanced Path	-116.00 dBm

Legend for Colors:

input
results