



EMC Test Data

	E EROTREER DOODEDD		
Client:	TopCon Positioning Systems	Job Number:	J93450
Model:		T-Log Number:	-
	FGC ID. WR4-1F3W141	Account Manager:	-
Contact:	Ferdinand Riodique		
Standard:	-	Class:	N/A

Total EIRP calculation - BT + HSPA combination

Band	Mode	Output Power		Antenna	EIRP		Channels	Channels	Total EIRP	
		Peak	Average	gain (Max)	dBm	W	Available	Used	W	dBm
824.2	-	-	30.5	3.0	33.5	2.234	Varies	1	2.234	33.49
1900	-	-	27.3	3.0	30.3	1.072	Varies	0	0.000	-
2400-2483	BT	-	16.1	2.3	18.4	0.070	79	1	0.070	18.43
Totals:							2	2.303	33.62	

	EU	Т	Cable	Ant	Power		Power Density (S)	MPE Limit
Freq.	Pow	/er	Loss	Gain	at Ant	EIRP	at 20 cm	at 20 cm
MHz	dBm	mW*	dB	dBi	dBm	mW	mW/cm^2	mW/cm^2
824.5	-	-	-	-	-	2233.57	0.444	0.550
2400	-	-	-	-	-	70.00	0.014	1.000
						Total [.]	0 458	

	Power Density	MPE Limit*	Distance where
Freq.	at 20 cm	at 20 cm	S <= MPE Limit
MHz	mW/cm^2	mW/cm^2	cm
824.5	0.458	0.550	18.3

* - worse case limit applied