

APPLICANT: MOTOROLA

TRANSCEIVER TYPE: IHET5BL1

Summary of Conducted RF Measurements

At Band Edges

SC4812T @ 800MHz

Per 22.901 (d) (2) and 22.917 (e) transmit port conducted spurious emissions at band edges are:

CHANNEL	FREQUENCY of band edge (MHz)	POWER	SPUR LEVEL MEASURED (dBm)	FCC MAX LIMIT dBm	PASS/FAIL
777	895.29	46 dBm	-29.68	- 13	PASS
777	895.29	23 dBm	-50.46	- 13	PASS
1013	867.72	46 dBm	-26.20	- 13	PASS
1013	867.72	23 dBm	-47.87	- 13	PASS

FCC Max. Limit Per 47 CFR:

“ =Transmitted Power ($10 \log_{10} (P_{\text{watt}})$) - ($43 + 10 \log_{10} (P_{\text{watt}})$)dBW

“ = $10 \log_{10} (P_{\text{watt}})$ - ($43 + 10 \log_{10} (P_{\text{watt}})$)dBW

“ =-43 dBW

“ =-13 dBm

Engineer: Francisco Avalos 10-16-01

Date

Francisco Avalos