EXHIBIT 13. CHANNEL PLAN AND SEPARATION

THIS TEST IS NOT REQUIRED FOR DTS SYSTEMS

EXHIBIT 14. MPE CALCULATIONS

The following MPE calculations are based on a Johanson Technology 2.45 GHz ceramic chip antenna, with a measured ERP of 113.9 dBµV/m at 1 meter, and conducted RF power of +18.9 dBm as presented to the antenna. The gain of the antenna is +0.5 dB

Prediction of MPE limit at a given distance

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S = \frac{PG}{4\pi R^2}$$

where: S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna

Maximum peak output power at antenna input terminal:	18.90	(dBm)
Maximum peak output power at antenna input terminal:	77.625	(mW)
Antenna gain(typical):	0.5	(dBi)
Maximum antenna gain:	1.122	(numeric)
Prediction distance:	20	(cm)
Prediction frequency:	2400	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1	(mW/cm^2)
Power density at prediction frequency:	0.017327	(mW/cm^2)
Maximum allowable antenna gain:	18.1	(dBi)
Margin of Compliance at 20 cm =	17.6	dB