

Gogo LLC

Attachment 1

File # 0747-EX-St-2015

▪ Radio MFR	DragonWave INC
▪ Radio Model	15QS40HiC043v04
▪ Radio File Name	15QS40HiC043v04
▪ Modulation	QPSK
▪ Channel BW:	40MHz
▪ Output Power/ERP, mean/peak	
	8749837.752274364mW, 8749.837752274365W (mean)
▪ Frequency tolerance	0.00100%
▪ Emission designator	37M0D7W
▪ Tx power	27.00 dBm
▪ ATPC (automatic power control)	NOT IN USE
▪ Tx Low Frequency	(15GHz channel 1) 14.417 GHz
▪ Tx High Frequency	(15GHz channel 1) 14.907 GHz
▪ Antenna Model	Andrews VHLPX4-15
▪ Antenna diameter	4ft
▪ Antenna Gain	43.0dBi
▪ Polarization	Horizontal
▪ Beamwidth	1.2 degrees
▪ Cross Polarization Discrimination (XPD)	30dB
▪ Radiation pattern envelope reference	7056c
▪ ETSI 302 217 Class 3	
▪ Return loss	17.7dB
▪ VSWR	1.30
▪ EIRP (dBm)	69.42 dBm