

APPLICATION FOR STATION LICENSE
CUMULUS LICENSING LLC
KYGA FM RADIO STATION
CH 248B - 97.5 MHZ - 16.0 KW
GOLETA, CALIFORNIA
March 2013

EXHIBIT A

KYGA Transmission System Calculations

Effective Radiated Power:	16.0 kilowatts (H&V) / H-Plane 17.5 kilowatts (H&V) / Beam
Antenna:	Shively 6810-4 4 bay full wavelength spaced circular
Power Gain:	2.12
Transmission Line:	(70 feet) Cablewave HCC300-50 3 inch air dielectric 98% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	8.4 kilowatts (8,400 watts)

Facilities Authorized:	Channel 248B - 97.5 MHZ
Effective Radiated Power:	16.0 kilowatts (H/V) / Horizontal Plane 17.5 kilowatts (H/V) / Maximum in Beam
Geographic Coordinates:	North Latitude 34° 31' 32" West Longitude 119° 57' 28"
Antenna Center of Radiation:	Above Ground 24.0 meters Above MSL 1,252.0 meters HAAT 890.0 meters
Antenna Structure Registration:	101410