

RFR EXPOSURE CALCULATIONS FOR PROPOSED K15CH-DT (15) Lewiston, ID

Site information:

Latitude: 46-27-04 N

Longitude: 117-02-46 W

Call	Channel	Owner	Frequency	ERP	COR	Status	Pwr Dens mW/cm ²
K15CH-DT	15	KWSU	479	180	6	TX LIC	0.0962
K21CC	21		518	180	10	TX LIC	0.0240
K35BW	35+	KHQ	602	174	8	TX LIC	0.0413
K45FZ	45-	KXLY	662	634	8.2	TX LIC	0.1410
K53GN	53	KSPS	710	1,320	10	TX LIC	0.1764
							0.4790 mW/cm ²

$$S = 33.4 (F^2) [0.4ERP] / R^2$$

$$R = COR - 2m$$

$$F = 0.8$$

Limit for Occupational/Controlled Exposure = $479/300 = 1.5967$ Mw at 479 mHz (worst case)

Limit for Occupational/Controlled Exposure = $710/300 = 2.3667$ Mw at 710 mHz (best case)

The site is remote and not accessible by the general public. The site is located at the end of a long private unimproved dirt access road through several wheat fields that requires four wheel drive most of the year. There are several gates on this road, one of which is locked and is approximately 1/2 mile from the site.