

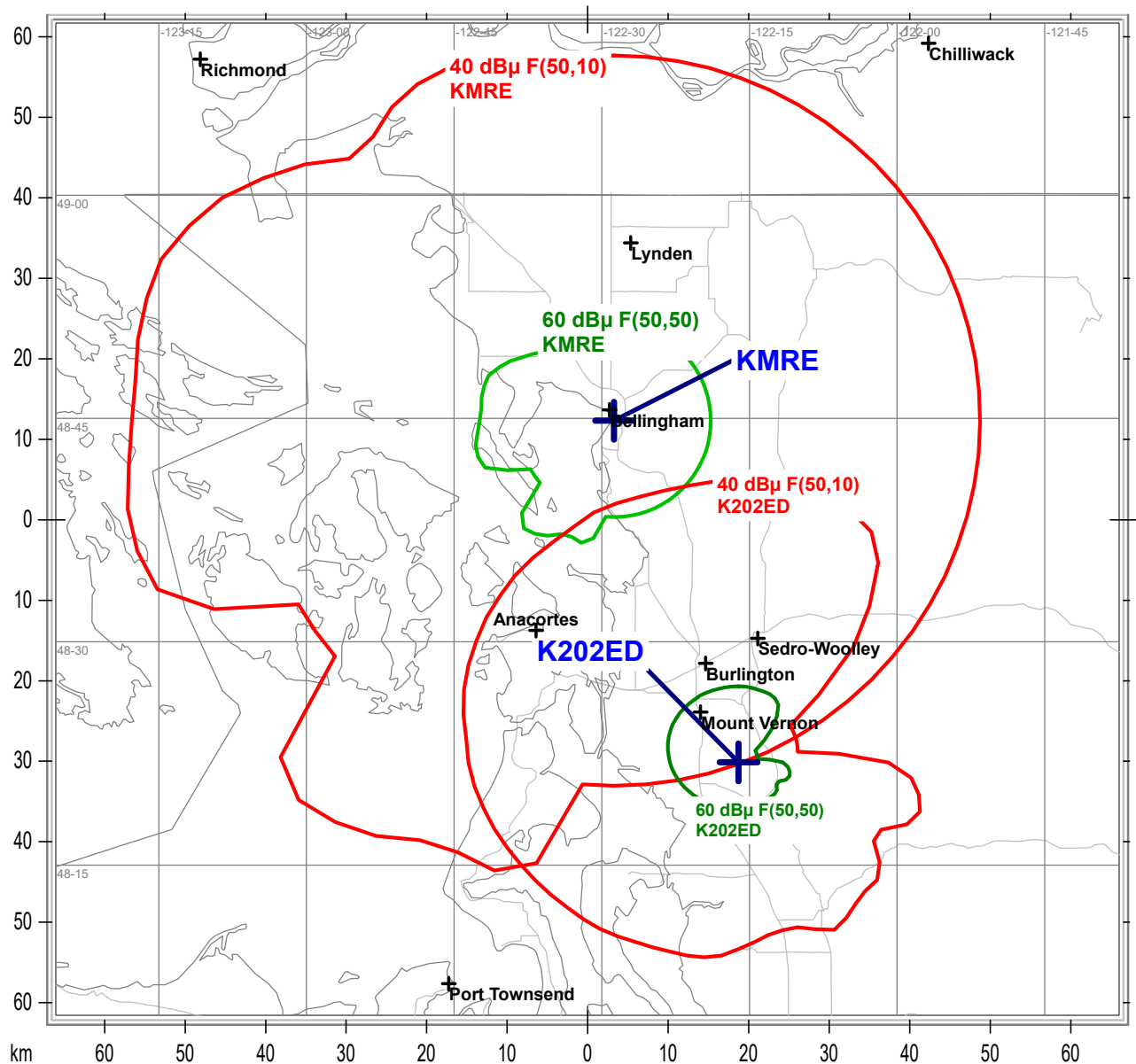
Request for Non-Adjacent Channel Change

Applicant is requesting a change to non-adjacent channel 212 as a minor modification to the existing license. Currently K202ED operates on channel 202 which is a co-channel to KMRE, Bellingham, WA FAC# 762145. As demonstrated on the attached contour interference map, the interfering 40 dB μ F(50,10) of KMRE encompasses much of the protected 60 dB μ F(50,50) contour of K202ED, which results in received interference.

The interfering 40 dB μ F(50,10) contour of K202ED also causes prohibited overlap with the 60 dB μ F(50,50) contour of KMRE. Please refer to the attached adjacent channel study and interference map.

The interference to and from KMRE is completely eliminated by moving to non-adjacent channel 212.

KMRE Interference Contour Map



48-21-545.3N, 122-16-7.5W, 4W, channel 202, ANT90D @ 0°, KAWZ

State Borders Highways Lat/Lon Grid

Map Scale: 1:832034 1 cm = 8.32 km V|H Size: 123.40 x 132.22 km

CSN Scott Spencer

Adjacent Channel Study
K202ED, Mount Vernon, WA FAC# 86755
8/3/2023

Callsign	State	City	Channel	ERP (W)	Class	Status	Distance (km)	Clr
KPLK	WA	SEDRO-WOOLLEY	205	4200	A	LIC	19.72	-9.12 dB
KMRE	WA	BELLINGHAM	202	2000	A	LIC	45.27	-4.33 dB
KMRE	WA	BELLINGHAM	202	2000	A	CP	45.27	-4.33 dB
KNKX	WA	TACOMA	203	68000	C	LIC	98.24	0.02 dB
CBU-2-FM	BC	VANCOUVER	201	97600	C		120.97	1.77 dB
KMRE	WA	BELLINGHAM	202	120	A	APP	50.52	1.59 dB
CBU-2-FM	BC	VANCOUVER	201	99432	C		120.99	1.96 dB
KNKX	WA	TACOMA	203	50000	C	LIC	92.2	2.90 dB
NCE-MXG-221	WA	BAINBRIDGE ISLAND	201	50000	C	DEL	89.66	8.15 dB
NCE-MXG-221	WA	BAINBRIDGE ISLAND	202	50000	C	DEL	89.66	11.10 dB
NEW	BC	VICTORIA	205	6700	C1		97.74	14.12 dB
	BC	ABBOTSFORD	203	6000	B1		78.74	14.76 dB
	BC	ABBOTSFORD	203	7400	B1		79.25	15.36 dB
KNKX	WA	TACOMA	203	30000	C	LIC	100.35	16.13 dB
K201EN	WA	EVERETT	201	5	D	LIC	46.18	17.23 dB
CIVL-FM	BC	ABBOTSFORD	203	300	A		77.72	18.94 dB
K202DS	WA	PORT ANGELES	202	205	D	APP	96.7	18.77 dB
K202DS	WA	PORT ANGELES	202	45	D	LIC	94.01	19.60 dB
KWAO	WA	VASHON	201	65000	C	LIC	143.23	20.41 dB
NCE-MXG-221	WA	BAINBRIDGE ISLAND	204	100000	C	DEL	89.66	21.00 dB
K204BI	WA	BELLINGHAM	204	30	D	LIC	50.53	28.91 dB
	BC	SATURNA ISLAND	201	0	C		80.64	29.91 dB
	BC	ABBOTSFORD	203	0	B1		78.74	29.99 dB
NEW	BC	CHILLIWACK	201	10	D		88.43	30.12 dB
	BC	CHILLIWACK	203	0	A		88.43	33.65 dB
	BC	CHILLIWACK	203	0	A		88.43	33.65 dB
990603TC*	BC	VICTORIA	205	0	C1		97.74	39.83 dB
	BC	HARRISON HOT SPRING	203	0	A		109.39	39.83 dB
KWAO	WA	VASHON	201	4600	C	CP	167.79	39.33 dB
	BC	VANCOUVER	201	0	C		120.91	39.50 dB