

**March 2016
New FM Channel 278C3
Dove Creek, Colorado
Allocation Study**

The instant application is being filed to modify the construction permit for Channel 278C3 at Dove Creek, to specify operation with a directional antenna. The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class C3 stations as prescribed in §73.207 of the Commission's Rules.

Hatfield & Dawson Consulting Engineers

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SEARCH PARAMETERS                               FM Database Date: 160307
Channel: 278C3 103.5 MHz                        Page 1
Latitude: 37 48 32
Longitude: 109 1 1
Safety Zone: 32 km
Job Title: DOVE CREEK 278C3

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KBDX LIC	BLANDING UT	BLH-50303ADB	224C2 92.7	0.600 1070.0	37-50-25 109-27-40	275.2	39.26 22.26	17 CLEAR
KPRU LIC	DELTA CO	BLED-10411AAF	277C2 103.3	12.000 301.0	38-52-40 108-13-32	29.9	137.35 20.35	117 CLEAR
K277CR CP	DURANGO CO	BNPFT-30830ACH	277D 103.3	0.250 411.0	37-15-41 107-54-11	121.5	115.69 0.00	0 TRANS
NEW CP	DOVE CREEK CO	BNPH-21119AGS	278C3 103.5	6.100 -16.0	37-48-32 109-01-01	0.0	0.00 -153.00	153 SHORT
K278AD LIC	MANCOS CO	BLFT-20925ADL	278D 103.5	0.010 DA 872.0	37-21-52 108-08-50	122.6	91.29 0.00	0 TRANS
K279BT CP	DURANGO CO	BNPFT-30325AJF	279D 103.7	0.120 383.0	37-15-43 107-54-19	121.5	115.49 0.00	0 TRANS
KSNN LIC	RIDGWAY CO	BLH-30521ABD	279C2 103.7	4.100 480.0	38-23-15 107-40-31	60.9	134.07 17.07	117 CLEAR
KAAJ-LP LIC	MONTICELLO UT	BLL-60731AAG	280L1 103.9	0.100 -55.0	37-52-43 109-20-25	285.4	29.49 0.00	0 LPFM

===== END OF FM SPACING STUDY FOR CHANNEL 278 =====