

Calvary Chapel of Twin Falls, Inc.

Moscow, ID Minor Site Change K278AR
Calvary Chapel Of Twin Falls, Inc.
Average Protected F(50-50)= 10.33 km
Omni-directional

REFERENCE
46 48 41.0 N.
116 54 49.0 W.

CH# 278D - 103.5 MHz, Pwr= 0.005 kW, HAAT= 515.0 M, COR= 1405 M

DISPLAY DATES
DATA 10-03-11
SEARCH 10-11-11

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
278D Potlatch	K278AR	LIC_V_	ID	312.1 132.0	16.6 BLFT20051103AAR	46 54 41.0 117 04 33.0	0.190 -8	22.1 802	6.6 Calvary Chapel	-15.8*	-28.0 Of Twin Fal
278C1 Pendleton	KWHT	LIC_CX	OR	225.5 44.5	159.1 BLH20050112ADB	45 48 02.0 118 22 36.0	100.000 219	166.5 934	67.6 Ksrv, Inc.	-18.1*	49.9
279D Genesee	649803	APP_C_	ID	184.2 4.2	33.0 BNPFT20030317I SD	46 30 56.0 116 56 43.0	0.011 230	7.8 940	5.6 Educational Media Foundati	14.7	11.3
276C1 Post Falls	KCDA	LIC_ZCX	ID	341.5 161.2	90.4 BLH20030908ACL	47 34 52.0 117 17 47.0	18.500 531	7.2 1251	68.7 Capstar Tx Lic	72.5	21.5
279D Clarkston	635058	APP_V_	WA	213.1 32.9	49.3 BNPFT20030312AHG	46 26 24.0 117 15 54.0	0.010 258	12.5 882	8.9 Calvary Chapel	25.9	23.2 Of Twin Fal
280C1 Spokane	KBBB	LIC_NCX	WA	341.8 161.6	92.5 BLH20020802AAS	47 36 04.0 117 17 53.0	39.000 432	8.5 1129	67.4 Mapleton License Of Spokan	73.4	25.0
275A Clarkston	KVAB	LIC_CN	WA	200.0 19.9	41.9 BLH19970627KA	46 27 27.0 117 06 03.0	0.440 357	1.5 951	15.8 Paci fic Empire Radi o Corpo	29.8	25.9
280D Lewiston	633829	APP_C_	ID	192.9 12.8	40.2 BNPFT20030312AED	46 27 33.6 117 01 50.6	0.250 278	1.1 871	7.1 Radi o Pal ouse, Inc.	28.5	32.9
278D Spokane	648315	APP_C_	WA	341.7 161.4	91.8 BNPFT20030317MPQ	47 35 41.4 117 17 53.3	0.010 651	50.0 1352	13.6 Edgewater Broadcasting, In	31.2	37.5
278D Dishman	650093	APP_C_	WA	341.4 161.1	90.2 BNPFT20030317I QA	47 34 45.0 117 17 48.0	0.006 466	36.4 1179	10.3 Lyle Dodge	43.1	39.1
278D Coeur D' Alene	650146	APP_C_	ID	357.7 177.7	94.4 BNPFT20030317I TB	47 39 34.0 116 57 48.0	0.010 560	39.5 1349	11.5 Your Christian Companion N	44.2	41.7
278D Post Falls	637093	APP_C_	ID	358.2 178.2	94.4 BNPFT20030313AJW	47 39 35.0 116 57 12.0	0.004 571	33.7 1361	9.3 Csn International	49.9	43.9
278D Coeur D' Alene	637448	APP_C_	ID	6.8 187.0	99.1 BNPFT20030317AHC	47 41 47.0 116 45 21.0	0.062 105	43.2 888	13.0 Spokane Public Radi o	45.4	46.0
278D Spokane	633424	APP_C_	WA	342.3 162.0	103.2 BNPFT20030314BMF	47 41 41.0 117 20 00.0	0.050 165	17.3 810	5.3 Educational Media Foundati	75.3	57.2
279D Kami ah	K215AB	CP_C_	ID	136.4 317.0	97.9 BPFT20100429AAA	46 10 17.0 116 02 15.0	0.133 206	23.5 964	15.5 Alacca Bible Conference	64.0	66.4

Terrain database is USGS 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference zone= , Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.

Contour.out

Canadian Compliance
 Terrain and Contour
 October 2011
 K278AR Moscow, ID
 Calvary Chapel of Twin Falls, Inc.
 N. Lat. = 464841.0 W. Lng. = 1165449.0
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - USGS 03 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	Field	34-F1
000	832.4	572.6	0.0050	-23.01	1.000	57.74
030	890.9	514.1	0.0050	-23.01	1.000	54.39
060	949.2	455.8	0.0050	-23.01	1.000	50.56
090	1118.1	286.9	0.0050	-23.01	1.000	39.21
120	911.5	493.5	0.0050	-23.01	1.000	53.01
150	866.2	538.8	0.0050	-23.01	1.000	56.04
180	870.4	534.6	0.0050	-23.01	1.000	55.77
210	815.3	589.7	0.0050	-23.01	1.000	58.37
240	813.5	591.5	0.0050	-23.01	1.000	58.43
270	864.7	540.3	0.0050	-23.01	1.000	56.13
300	864.3	540.7	0.0050	-23.01	1.000	56.16
330	856.6	548.4	0.0050	-23.01	1.000	56.61

Ave EI = 887.75 M HAAT= 517.25 M AMSL= 1405



Antenna Structure Registration

[FCC](#) > [WTB](#) > [ASR](#) > [Online Systems](#) > TOWAIR[FCC Site Map](#)

TOWAIR Determination Results

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*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.

Your Specifications

NAD83 Coordinates

Latitude	46-48-40.1 north
Longitude	116-54-52.3 west

Measurements (Meters)

Overall Structure Height (AGL)	30.5
Support Structure Height (AGL)	30.5
Site Elevation (AMSL)	1375

Structure Type

TOWER - Free standing or Guyed Structure used for Communications Purposes

[Tower Construction Notifications](#)

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

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