

TECHNICAL STATEMENT
MINOR MODIFICATION OF CP
KONK(FM), ATLANTIC CITY, WYOMING, CH. 298C1
MICHAEL RADIO COMPANY, LLC
APRIL 2022

This Technical Statement is made in support of a minor change of Construction Permit (“CP”) application being filed by Michael Radio Company, LLC (“MRC”) for KONK(FM), file number 0000159323, at Atlantic City, Wyoming, Channel 298C1.

This modification of CP is being made to simple correct the tower site coordinates by one second in Longitude. The original Longitude seconds are being changed from 46.8 to 45.8. This was a typographical error. No other changes in antenna heights or power are being proposed. This will not have any material impact from the original application or the CP since the change is distance is only 0.02 kilometers.

Figure 1 shows a channel spacing study conducted from the proposed transmitter site of N. 42°- 34’- 42.4”, W 108°- 42’- 45.8” for channel 298C1.

Figure 2 is the predicted 70 dB μ city grade service contour for the proposed operation of KONK(FM). It shows the contour will completely encompass the entire community of Atlantic City without terrain obstruction.

It was determined that the proposed operation of KONK(FM)(CP) at Atlantic City, Wyoming on channel 298C1 from its proposed transmitter will meet all of the requirements for a commercial FM broadcast station under the current technical rules of the commission.

FIGURE 1 - CHANNEL SPACING STUDY
 KONK (CP) ATLANTIC CITY, WY, CH. 298C1

REFERENCE		DISPLAY DATES
42 34 42.40 N.	CLASS = C1	DATA 04-05-22
108 42 45.80 W.	Current Spacings to 3rd Adj.	SEARCH 04-06-22
----- Channel 298 - 107.5 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
NEW/KONK_CP	298C1	Atlantic City	WY 270.0	0.02	244.5	-244.5
DKTDM [*]	VAC 298C2	Rawlins	WY 118.6	163.79	223.5	-59.7 [*]
DKIIQ	VAC 299C1	Basin	WY 19.2	193.34	176.5	16.8
KKLV	LIC 298C	Kaysville	UT 234.8	360.55	269.5	91.1
KASS	LIC 295C	Casper	WY 83.8	197.91	104.5	93.4
KQZR	LIC 297C2	Hayden	CO 152.3	257.23	157.5	99.7
KRPM	LIC 298C1	Billings	MT 3.2	354.47	244.5	110.0
KRVK	LIC-N 300C1	Vista West	WY 83.9	198.07	81.5	116.6

 All separation margins include rounding

* Original Auction allotment point relocated to Atlantic City, WY.

FIGURE 2 - PREDICTED 70 DBU CONTOUR
KONK ATLANTIC CITY, WY, CH. 298C1

Coverage Study - GLOBE 30 Sec
04-06-2022

NEW! CH298 C1, 7.0 kW, 393.6m HAAT, 2763.0m COR AMSL
Service Contour = 70 dBu.

