

# Broadcast Towers, Inc.

## Exhibit 12-1 – Compliance with CFR 74.1204

New-T, 102.3 MHz, Overton, NV

36-35-07 N, 114-36-01 W, 0.010 kW, 1018m RCAMSL

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**Full Service Contour Overlap Statement** – An interference study was prepared to determine the closest full-service authorizations and applications to the proposed FM translator facilities. The full-service broadcast FM radio stations within 50 km of the service contour of any full-service radio station or within 30 km of the pertinent service or interfering contours of any FM translator application or authorization. Exhibit 12-2 is a map of the service and interfering contours of the proposal and the service contours of the pertinent authorizations to study and prove compliance with CFR Title 47, Section 74.1204 with respect to interference to full service broadcast radio stations. The pertinent stations, applications and frequency range are:

There are no pertinent authorizations within the study area.

**Translator Contour Overlap Statement** – An interference study was prepared to determine the closest FM translator authorizations and applications to the proposed FM translator facilities. The FM translator stations within the appropriate study and frequency range are:

There are no existing FM Translator authorizations or applications within the affected area.

**LPFM Contour Overlap Statement** - All LPFM Stations, permits and applications under consideration have been studied using the maximum facilities unless otherwise specified as set forth in 74.1204(a)(4). The LPFM stations within the appropriate study and frequency range are:

There are no LPFM stations within the affected area.

**IF Separations Statement** – The applicant is categorically exempt from protecting IF stations (53 or 54 channels removed from the proposed). This is due to the translator's ERP being proposed at a power level under 100 watts, pursuant to 74.1204(g).

**Mexican Separations Statement** – This application is more than 320 km from the Mexican Border. Therefore, it categorically complies with the provisions of 74.1204(h).

**Canadian Separations Statement** – This application is more than 320 km from the Canadian Border. Therefore it categorically complies with the provisions of 74.1204(h).

**Radial Tabulation of Proposed Service Contour** – Below is a tabulation of the 12 cardinal radials for the proposed application, showing ERP, Radial HAAT and Distance-to-Contour.

Site: NEW

Coordinates: 36-35-07.0 N, 114-36-01.0 W

Freq: 102.30000 MHz

ERP: 10.00 W

Bearing	ERP W	HAAT	DH	Distance	Lat	Lon
0	10.00	490	370	12.50	36-41-51.6 N	114-36-01.0 W
30	10.00	437	610	12.01	36-40-43.6 N	114-31-58.6 W
60	10.00	475	110	12.43	36-38-27.9 N	114-28-46.7 W
90	10.00	495	1400	12.54	36-35-06.7 N	114-27-35.4 W
120	10.00	438	600	12.01	36-31-52.4 N	114-29-02.0 W

150	10.00	357	260	11.0336-29-57.7 N	114-32-18.9 W
180	10.00	218	410	8.62 36-30-28.0 N	114-36-01.0 W
210	10.00	351	360	10.9236-30-00.6 N	114-39-40.9 W
240	10.00	407	490	11.6536-31-58.2 N	114-42-47.5 W
270	10.00	410	1300	11.6936-35-06.7 N	114-43-52.1 W
300	10.00	424	790	11.8636-38-18.7 N	114-42-55.3 W
330	10.00	480	610	12.4236-40-55.1 N	114-40-11.6 W