

Fountain Inn SC ch290 Spacing Report
Exhibit 12
Ted A McCall

ComStudy 2.2 search of channel 290 (105.9 MHz Class D)
at 34-42-28.0 N, 82-13-40.0 W. .019 Kwatts ERP 44 M AGL

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARAN
	CLYDE	NC	290	A	97.93	0.00	322.9	29.92
	WEAVERVILLE	NC	290	C2	133.75	0.00	336.2	36.62
	DUE WEST	SC	237	A	49.48	10.00	199.3	39
NEW	CASHIERS	NC	289	D	92.51	0.00	301.2	28.42
NEW	FRANKLIN	NC	289	D	117.00	0.00	302.3	31.88
NEW	SYLVA	NC	290	D	116.42	0.00	309.3	31.65
NEW	COLUMBIA	SC	290	D	135.81	0.00	121.8	32.99
NEW	COLUMBIA	SC	290	D	135.01	0.00	122.8	33.05
NEW	COLUMBIA	SC	290	D	135.94	0.00	116.8	34.67
NEW	DUE WEST	SC	237	A	47.75	10.00	202.3	37
NEW	BLOUNTVILLE	TN	290	D	196.24	0.00	353.0	36.97
NEW	BRISTOL	TN	289	D	191.39	0.00	2.4	36.92
W289AN	ARIAL	SC	289	D	40.43	0.00	291.4	22.06
W289AO	ANDERSON	SC	289	D	43.30	0.00	240.4	24.03
W289AU	FOUNTAIN INN	SC	289	D	0.15	0.00	270.0	-8.20
W290AE	LAURENS	SC	290	D	32.63	0.00	137.0	2.84
W290AY	SUMTER	SC	290	D	198.55	0.00	115.9	32.08
WEND	SALISBURY	NC	293	C1	175.66	0.00	55.5	36.18
WEND	SALISBURY	NC	293	C1	175.66	0.00	55.5	31.83
WGUC	SIMPSONVILLE	SC	292	C3	15.97	0.00	20.5	-17.66
WGUC*	SIMPSONVILLE	SC	292	C3	11.71	0.00	122.6	11.42
WIBL	AUGUSTA	GA	289	C	147.20	0.00	165.8	22.18
WNGC	TOCCOA	GA	291	C1	136.20	0.00	254.7	19.76
WNMX-FM	WAXHAW	NC	291	C2	132.69	0.00	81.1	29.44
WNMX-FM	WAXHAW	NC	291	C2	132.69	0.00	81.1	30.30
WNOV-FM	BESSEMER CITY	NC	287	C0	104.58	0.00	55.8	13.16
WNOV-FM	GAFFNEY	SC	287	C0	104.58	0.00	55.8	13.16
WNOV-FM	GAFFNEY	SC	287	C0	88.60	0.00	27.5	3.10
WTMT	WEAVERVILLE	NC	290	C2	123.63	0.00	333.8	20.45
WWOK-LP	GREENVILLE	SC	237	LP100	30.91	7.00	326.9	23
WZKQ-LP	HODGES	SC	287	LP100	48.07	6.00	180.7	34.06

Exhibit 12 (Compliance with CFR 74.1204)

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WGVC channel 292, Simpsonville, SC. The predicted F(50-50) field strength of WGVC at the proposed translator site is 76.5 dBu or greater; see attached Exhibits . Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 116.5 dBu. This interfering contour extends less than 46 meters from the proposed transmit antenna in the horizontal plane.

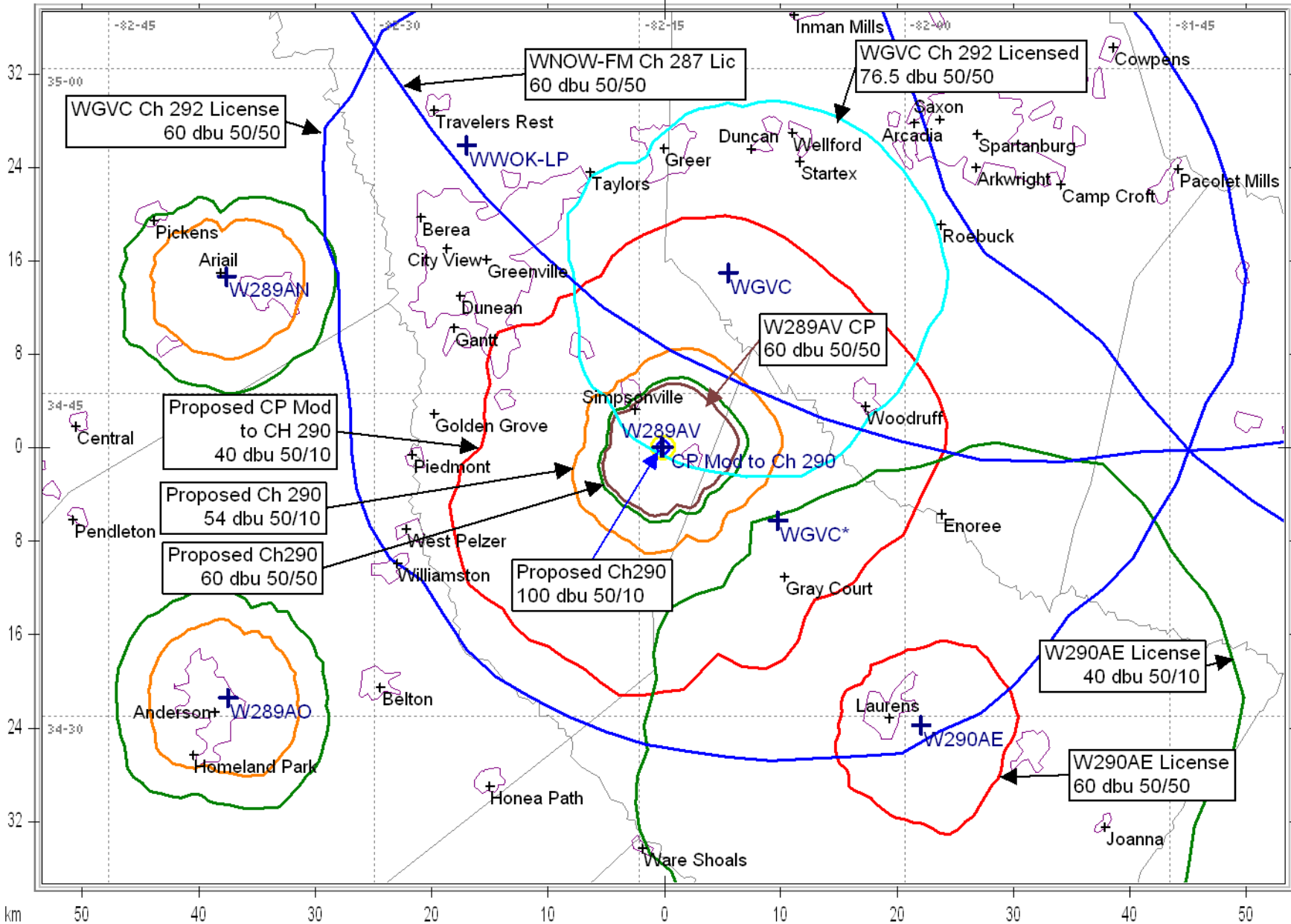
To reduce the possibility of this translator causing interference to WGVC, Ted A McCall proposes to use a Dielectric DCRL-2C75 two bay .75 wave spaced antenna to reduce signal levels in areas near the transmitter site. The attached table shows the predicted signal levels under the antenna. The translator has a maximum signal level 6 meters above ground level of 105 dbu, thus providing 11.5 db of extra protection to WGVC. The area of overlap does not reach the ground and is unpopulated.

On August 16, 2007 I, Ted A McCall, visited the proposed transmitter site for this application. The tower is the non-directional transmit tower of WFIS AM. The nearest building is the single story transmitter and studio building of WFIS about 30 meters from tower. The next close building is a one-story office building 52 meters from tower. The area is mostly undeveloped with no buildings over 2 stories tall within 200 meters of tower. Attached is a photo of the tower and surrounding area.

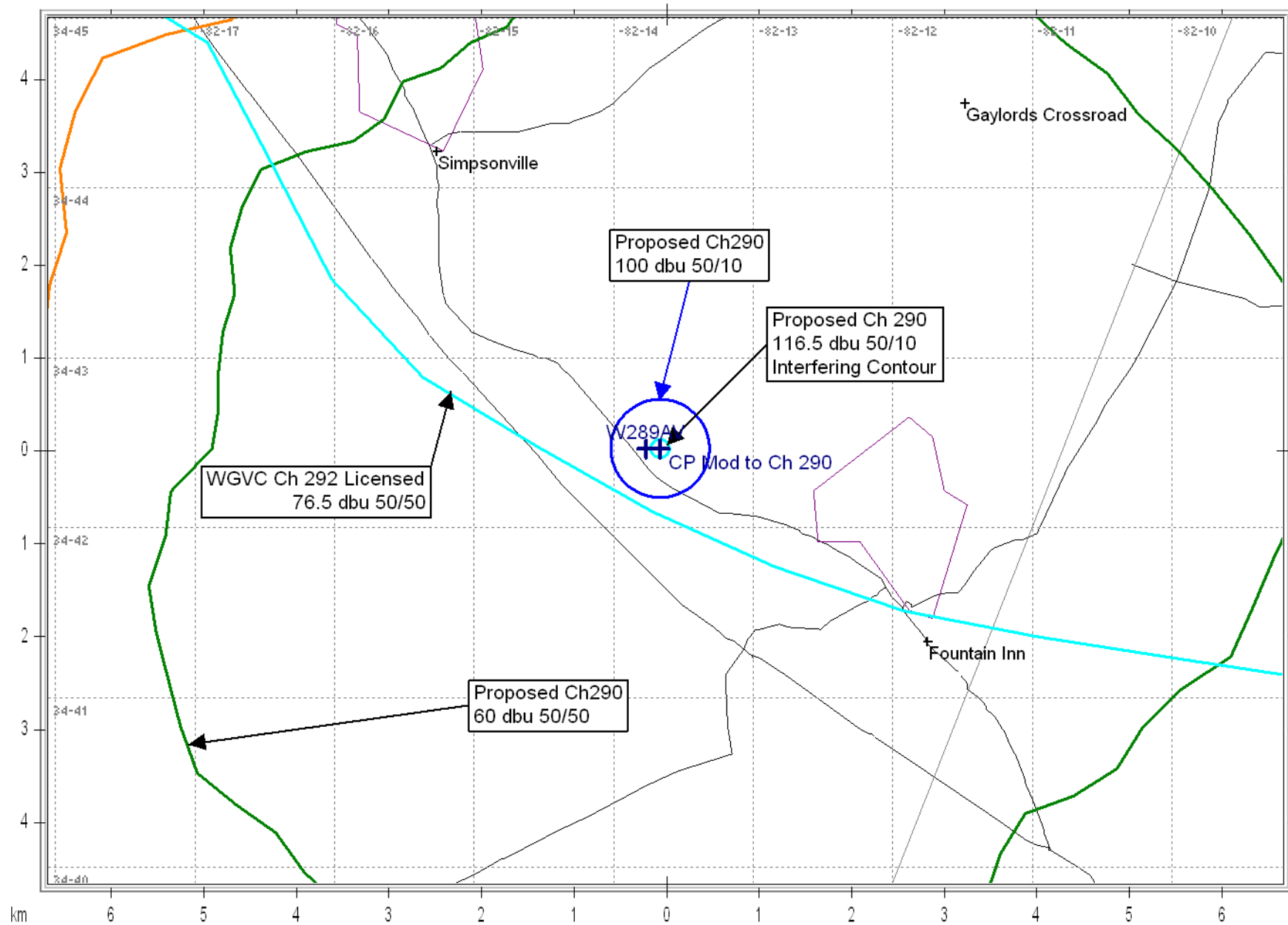
Should any actual interference occur, I will reduce power or suspended operation until the interference can be resolved.

Therefore, Ted A McCall respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.

W289AV CP mod to Ch 290 Fountain Inn SC



W289AV CP Mod to Ch 290 Fountain Inn SC





Fountain Inn SC tower site