

ENGINEERING STATEMENT

This technical statement supports this application to modify Class A television station WOPI-CA, Channel 9, Kingsport, Tennessee & Bristol, Virginia, FCC File No. BLTVA-20100415ABW, Facility ID 27490.

This application is minor in nature because there is no change in the output channel, the proposed transmitter location is within 30 miles of the reference coordinates of the existing station's antenna location, and the purpose of this application is to obtain authority to "flash cut" from an analog to a digital facility where the digital F(50,90) 51 dBu contour would be fully contained within the licensed analog F(50,90) 51 dBu contour.

It is believed that the proposed facility complies with the requirements 47.C.F.R Sections 73.6011, 73.6012, 73.6013, 73.6014, 73.6020, 73.1030, 74.709 and other applicable parts of the Rules and Regulations of the Federal Communications Commission. However, to the degree that it is deemed necessary, the Applicant requests a waiver of these other applicable Commission rules in order to allow for the grant of this instant application.

WOPI-CA, KINGSPORT, TN/BRISTOL, VA

CLASS A TV FLASH CUT ALLOCATION STUDY

Stations Considered:

Call Letters	City	State	Dist	Bear
W09CQ (09Z)	Jamestown	KY	277.2	285.9
W0BZ-LD-D (09)	East Bernstadt	KY	199.2	296.3
W08BF (08N)	Spruce Pine, Etc.	NC	61.3	177.2
W08AX (08N)	Marshall	NC	86.0	216.1
W08AO-D.C (08)	Canton	NC	118.3	216.2
W08BF-D.C (08)	Spruce Pine	NC	61.3	177.2
W08BP-D.C (08)	Beaver Dam	NC	105.4	197.9
W08BP (08+)	Beaver Dam	NC	105.4	197.9
W09AF (09N)	Sylva, Etc.	NC	153.4	220.0
W09AR (09N)	Weaverville	NC	93.6	204.9
W09AG (09N)	Franklin	NC	191.2	223.5
W09AD (09N)	Waynesville	NC	132.7	217.9
W09AS (09N)	Burnsville	NC	56.6	194.7
W09AS-D.C (09)	Burnsville	NC	56.6	194.7
W09AR-D.C (09)	Weaverville	NC	93.6	204.9
W09AF-D.C (09)	Sylva	NC	153.4	220.0
W09AG-D.C (09)	Franklin	NC	191.1	223.5
W10AD (10N)	Montreat, Etc.	NC	91.0	192.0
W10AP (10N)	Marion, Etc.	NC	85.4	172.0
W10AK (10N)	Spruce Pine	NC	61.3	177.2
W10AD-D.C (10)	Montreat	NC	91.0	192.0
WHMC-TV-D.P (09)	Conway	SC	389.7	134.1
WHMC-D (09)	Conway	SC	389.7	134.1
WNTV-D (09)	Greenville	SC	167.2	188.6
WTVC.C (09)	Chattanooga	TN	320.2	244.8
WTVC.A (09)	Chattanooga	TN	320.2	244.8

WTVC.A (09)	Chattanooga	TN	320.2	244.8
WTVC-D (09)	Chattanooga	TN	320.2	244.8
WBIR-TV-D (10)	Knoxville	TN	168.8	254.3
WVNS-D.P (08)	Lewisburg	WV	195.7	40.1
WVNS-TV-D (08)	Lewisburg	WV	195.7	40.1
WSWP-TV-D (10)	Grandview	WV	191.9	31.8

Call	Area	HUnits	Contour	Masked	Ix	Unmasked	Ix	%
W09CQ (09Z)	0.0	0	5,759		0		0	0.0
W08BZ-LD-D (09)	0.0	0	44,695		0		0	0.0
W08BF (08N)	0.0	0	14,890		0		0	0.0
W08AX (08N)	0.0	0	1,278		0		0	0.0
W08AO-D.C (08)	0.0	0	110,515		0		0	0.0
W08BF-D.C (08)	0.0	0	50,316		0		0	0.0
W08BP-D.C (08)	0.0	0	283,524		0		0	0.0
W08BP (08+)	0.0	0	135,540		0		0	0.0
W09AF (09N)	0.0	0	8,128		0		0	0.0
W09AR (09N)	0.0	0	16,070		0		0	0.0
W09AG (09N)	0.0	0	23,768		0		0	0.0
W09AD (09N)	0.0	0	22,240		0		0	0.0
W09AS (09N)	0.0	0	3,750		0		0	0.0
W09AS-D.C (09)	0.0	0	25,334		0		0	0.0
W09AR-D.C (09)	0.0	0	106,951		0		0	0.0
W09AF-D.C (09)	0.0	0	22,860		0		0	0.0
W09AG-D.C (09)	0.0	0	78,083		0		0	0.0
W10AD (10N)	0.0	0	19,073		0		0	0.0
W10AP (10N)	0.0	0	9,751		0		0	0.0
W10AK (10N)	0.0	0	3,414		0		0	0.0
W10AD-D.C (10)	0.0	0	106,540		0		0	0.0
WHMC-TV-D.P (09)	0.0	0	796,383		0		0	0.0
WHMC-D (09)	0.0	0	827,422		0		0	0.0
WNTV-D (09)	1.0	0	2,185,431		0		0	0.0
WTVC.C (09)	0.0	0	652,660		0		0	0.0
WTVC.A (09)	0.0	0	652,660		0		0	0.0
WTVC.A (09)	0.0	0	652,660		0		0	0.0
WTVC-D (09)	0.0	0	1,417,383		0		0	0.0
WBIR-TV-D (10)	6.9	110	1,781,423	1,785			243	0.0
WVNS-D.P (08)	0.0	0	818,352		0		0	0.0
WVNS-TV-D (08)	0.0	0	906,301		0		0	0.0
WSWP-TV-D (10)	0.0	0	882,290		0		0	0.0