

### FM Translator Spacing Study

Channel 269 (101.7 MHz) at 37°32'14" N - 77°26'11" W

<u>CALL</u>	<u>CITY</u>	<u>ST</u>	<u>CHN</u>	<u>CL</u>	<u>DIST</u>	<u>REQ</u>	<u>BRNG</u>	<u>CLEARANCE</u>
WRXL	RICHMOND	VA	271	B	11.04	0.00	320.8	-38.87 dB <sup>1</sup>
W267CB	RICHMOND	VA	267	D	6.81	0.00	247.9	-15.99 dB <sup>1</sup>
WHCE	HIGHLAND SPRINGS	VA	216	A	9.92	10.00	89.4	-0.1
WBQB	FREDERICKSBURG	VA	268	B	88.32	0.00	2.4	0.21 dB
WRXL	RICHMOND	VA	271	B	10.93	0.00	321.5	1.92 dB
WLQM-FM	FRANKLIN	VA	269	A	101.43	0.00	158.4	8.52 dB
WKWI	KILMARNOCK	VA	269	A	94.53	0.00	77.0	11.74 dB
WLQM-FM	FRANKLIN	VA	269	A	97.80	0.00	157.4	15.66 dB
WJSR	CHESTER	VA	266	A	17.19	0.00	177.5	18.03 dB
WBQB	FREDERICKSBURG	VA	268	B1	82.47	0.00	0.0	19.73 dB
WKWI	KILMARNOCK	VA	269	A	94.58	0.00	77.0	19.01 dB
WSNZ	LYNCHBURG	VA	269	A	149.76	0.00	265.8	22.03 dB
WWDE-FM	HAMPTON	VA	267	B	131.42	0.00	126.6	22.83 dB
WSNZ	LYNCHBURG	VA	269	C3	131.50	0.00	265.1	23.57 dB
W269BQ	VIRGINIA BEACH	VA	269	D	138.93	0.00	123.5	24.10 dB
WBQB	FREDERICKSBURG	VA	268	B	88.32	0.00	2.4	25.99 dB
WXJK	FARMVILLE	VA	267	A	87.67	0.00	254.5	26.56 dB
WYSK-FM	SOUTH HILL	VA	270	A	109.11	0.00	216.3	27.12 dB
WHTE-FM	RUCKERSVILLE	VA	270	A	128.37	0.00	311.8	28.54 dB
WWDE-FM	HAMPTON	VA	267	B	115.79	0.00	134.2	30.51 dB
W270DA	HAMPTON	VA	270	D	109.63	0.00	120.7	30.21 dB
W270DA	HAMPTON	VA	270	D	109.63	0.00	120.7	30.21 dB
WWDC	WASHINGTON	DC	266	B	165.66	0.00	11.4	31.09 dB
W269DH	LEESBURG	VA	269	D	167.54	0.00	355.3	31.56 dB
WWDC	WASHINGTON	DC	266	B	165.69	0.00	11.4	31.65 dB
WCWM	WILLIAMSBURG	VA	215	B1	43.68	12.00	117.7	31.7
WELD-FM	MOOREFIELD	WV	269	A	205.75	0.00	321.8	33.77 dB
WKSK-FM*	SOUTH HILL	VA	270	A	110.93	0.00	220.8	33.70 dB
WRAL	RALEIGH	NC	268	C	228.74	0.00	205.7	33.40 dB
WZGN	CROZET	VA	272	A	129.57	0.00	298.2	35.55 dB
WHTE-FM	RUCKERSVILLE	VA	270	A	116.50	0.00	313.1	35.81 dB
WZEB	OCEAN VIEW	DE	269	A	217.26	0.00	59.0	37.75 dB
WLIF	BALTIMORE	MD	270	B	222.53	0.00	19.9	37.28 dB
WPTM	ROANOKE RAPIDS	NC	272	A	117.85	0.00	193.2	37.08 dB
WWDC	WASHINGTON	DC	266	B	165.69	0.00	11.4	38.82 dB
WWDC	WASHINGTON	DC	266	B	165.69	0.00	11.4	38.82 dB
WLIF	BALTIMORE	MD	270	B	222.53	0.00	19.9	38.02 dB
W272EJ	GLOUCESTER	VA	272	D	79.86	0.00	100.0	39.12 dB
W268AC	WAYNESBORO	VA	268	D	145.16	0.00	296.8	39.04 dB
WRAL	RALEIGH	NC	268	C	228.74	0.00	205.7	39.02 dB

<sup>1</sup> Fully protected second-adjacent station, see exhibit 13