

W246DG Channel Study 07022019

ComStudy 2.2 search of channel 246 (97.1 MHz Class D) at 35-29-31.0 N, 85-02-59.0 W.

Site Elevation: 532 m COR: 59 m HAAT: 219.44 m ERP: 200 watts Pattern: Directional

Date: July 2019

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
W246DG	DAYTON		TN	246 D	0.00	0.00	90.0	-31.10 dB (*1)
WDOD-FM	CHATTANOOGA		TN	243 C0	44.05	0.00	213.6	-8.13 dB (*2)
WUUQ	SOUTH PITTSBURG		TN	247 C2	78.32	0.00	222.7	-0.00 dB (*3)
WEOZ-LP	LOUDON		TN	246 LP100	68.48	24.00	66.4	0.00 dB(*4)
WTNG-LP	CLEVELAND		TN	245 LP100	39.87	13.00	156.4	4.58 dB
WJXB-FM	KNOXVILLE		TN	248 C	116.25	0.00	59.9	14.68 dB
WSRV	GAINESVILLE		GA	246 C	186.68	0.00	144.1	14.99 dB
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W245BJ	CROSSVILLE		TN	245 D	50.87	0.00	1.4	17.60 dB
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W246DH	SEYMOUR		TN	246 D	130.26	0.00	73.6	17.61 dB
W249BR	LOOKOUT MOUNTAIN		TN	249 D	76.43	0.00	204.2	20.98 dB
WJQQ	SOMERSET		KY	246 C2	168.66	0.00	14.7	25.81 dB
WSRV	GAINESVILLE		GA	246 C	208.45	0.00	145.9	26.20 dB
WDOD-FM	CHATTANOOGA		TN	243 C0	44.18	0.00	213.7	26.41 dB
WLUV	BELLE MEADE		TN	246 C2	177.86	0.00	300.8	28.63 dB
WRSB-FM	HOLLY POND		AL	245 C0	181.95	0.00	232.7	29.08 dB
WLUV	BELLE MEADE		TN	246 C2	179.30	0.00	299.1	30.59 dB
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WUUQ	SOUTH PITTSBURG		TN	247 C2	76.60	0.00	228.7	30.58 dB
W249DA	CROSSVILLE		TN	249 D	50.87	0.00	1.4	31.97 dB
W246DB	ANNISTON		AL	246 D	212.82	0.00	199.4	32.21 dB
WSRV	GAINESVILLE		GA	246 C	186.69	0.00	144.1	32.71 dB
WJNU-LP	COOKEVILLE		TN	245 LP100	87.20	13.00	335.3	33.82 dB
WJQQ	SOMERSET		KY	246 C2	184.70	0.00	12.1	33.37 dB
WOGT	EAST RIDGE		TN	300 C3	46.13	12.00	208.3	34.1
WMYL	HALLS CROSSROADS		TN	244 A	113.09	0.00	54.9	34.98 dB
WJQQ	SOMERSET		KY	246 C2	169.30	0.00	14.7	36.34 dB
861216MD	GOODLETTSVILLE		TN	246 C2	163.76	0.00	305.2	36.16 dB
WENV-LP	GAINESBORO		TN	247 LP100	111.41	13.00	322.3	38.06 dB
WLUV*	BELLE MEADE		TN	246 C2	177.86	0.00	300.8	38.27 dB
WXBQ-FM	BRISTOL		VA	245 C	282.79	0.00	67.4	39.89 dB
WGPB	ROME		GA	249 C3	140.44	0.00	186.8	39.58 dB
WLLX	LAWRENCEBURG		TN	248 C2	188.18	0.00	263.5	39.34 dB

NOTES:

(*1) Licensed W246DG being modified with this application

(*2) No population, occupied structures of public roadways inside WDOD-FM interference area.
See Exhibit

(*3) No overlap to WUUQ. See contour map in Exhibit.

(*4) No overlap to WEOZ-LP. See contour map in Exhibit