Change city/zip code **Hide Frequencies**

UHFR

City: **INDIANAPOLIS**
Series: **UHF-R**

Local Television Channels that overlap the UHF-R series (50 mile radius):

Call Letters	City, State	Channel	Distance
WTIU	BLOOMINGTON, IN	14 digital (470 to 476 MHz)	45 miles
WHMB	INDIANAPOLIS, IN	20 digital (506 to 512 MHz)	10 miles
WFYI	INDIANAPOLIS, IN	21 digital (512 to 518 MHz)	11 miles
WIPB	MUNCIE, IN	23 digital (524 to 530 MHz)	47 miles
WRTV	INDIANAPOLIS, IN	25 digital (536 to 542 MHz)	11 miles
WIPX	BLOOMINGTON, IN	27 digital (548 to 554 MHz)	23 miles
WTTK	KOKOMO, IN	29 digital (560 to 566 MHz)	10 miles
WNDY	MARION, IN	32 digital (578 to 584 MHz)	30 miles
WCLJ	BLOOMINGTON, IN	42 digital (638 to 644 MHz)	23 miles
WDTI	INDIANAPOLIS, IN	44 digital (650 to 656 MHz)	10 miles
WXIN	INDIANAPOLIS, IN	45 digital (656 to 662 MHz)	10 miles
WTTV	BLOOMINGTON, IN	48 digital (674 to 680 MHz)	23 miles

Use these recommended Groups/Channels:

Band	Max # of transmitters	Recommended Group	Recommended Channels
G1 (TV Channels 14-23)	25	Group: 10	**7** (476.65), **8** (477.1), **9** (478.725), **10** (479.55), **11** (483.6), **12** (484.025), **13** (484.7), **14** (485.175), **15** (489.575), **16** (492), **17** (494.225), **18** (495.775), **19** (496.7), **20** (497.85), **21** (498.575), **22** (500.675), **23** (501.075), **24** (501.75), **25** (504.025), **33** (518.8), **34** (519.475), **35** (520.55), **36** (521.925), **37** (522.675), **38** (523.65)
H4 (TV Channels 22-31)	27	Group: 8	**1** (518.1), **2** (518.825), **3** (519.35), **4** (520.375), **5** (521.725), **6** (522.35), **8** (530.25), **9** (530.675), **10** (532.75), **11** (534.625), **12** (543.475), **13** (544.7), **14** (547.325), **18** (556.275), **22** (571.45), **23** (574.45), **24** (575.3), **25** (575.7), **26** (576.65), **27** (577.15), **28** (523.85), **30** (572.75), **32** (533.95), **36** (566.575), **37** (570.775), **38** (535.75), **40** (569.425)
J5 (TV Channels 32-41)	35	Group: 10	**5** (584.4), **6** (587.075), **7** (588.55), **8** (588.95), **9** (593.925), **10** (594.45), **11** (596.7), **12** (603.2), **13** (605.775), **14** (607.45), **15** (615.925), **16** (618.975), **17** (620.325), **18** (622.25), **19** (628.375), **20** (629.925), **21** (630.9), **22** (632.1), **23** (632.6), **24** (635.55), **25** (636.625), **26** (637.35), **28** (586.175), **29** (592.45), **30** (597.625), **31** (598.325), **32** (603.725), **33** (605.075), **34** (614.175), **35** (615.325), **36** (616.875), **37** (619.9), **38** (621.45), **39** (623.575), **40** (633.95)
L3 (TV Channels	25	Group: 10	**12** (665.5), **13** (666.425), **14** (667.875), **15** (670.5), **16** (671.725), **17** (680.575), **18** (682.45), **19** (684.525), **20** (684.95), **21** (690.05), **22** (692.85), **23** (693.475), **24** (694.825), **25** (695.85), **26** (696.375), **27**

42-51)		(697.1), **29** (666.9), **30** (691.35), **31** (644.425), **32** (648.625), **33** (649.675), **36** (681.25), **37** (685.85), **38** (645.775), **39** (663.5)
X1	11	Best Practices & Channel Selection for X1 band

If using multiple bands together, contact Shure Applications Engineering for assistance in selecting frequencies.

Search INDIANAPOLIS for a different Shure wireless product:

Select One:

This program calculates a simple best group based on active and scheduled TV stations. It might be possible to use other frequencies that are not listed or to use a larger number of frequencies by combining groups or accessing Master Lists. Call Shure Applications at 800-516-2525 or 847-600-8440 for assistance.

NOTE: This Frequency Finder tool should be used as a guideline and planning tool. Recommended frequencies are calculated by avoiding conflicts with local television broadcast - the primary source of interference to wireless microphone systems. It cannot predict every possible source of local interference that can affect a wireless audio system. Using the Frequency Finder tool does not guarantee freedom from interference. Other local sources of interference (such as low power TV stations) may be present and can adversely affect the performance of the wireless system.

HELP
Partial city names are allowed. An asterisk (*) wildcard is allowed at the beginning or end but is not necessary. Thus, searching for 'Angeles' or '*Angeles' will both return 'Los Angeles'.

Shure wireless microphones and personal monitor systems designed for use in the United States operate on standard VHF TV channels 7-13 (174-216 MHz) and UHF TV channels 14-51 (470-698 MHz). Most U.S. cities have multiple local television stations, whose operating frequencies must be taken into account before choosing a frequency band of wireless system.

As a rule, a wireless system should NOT operate properly in the same 6 MHz frequency range as a local TV station. The signal strength of a television transmission is many times stronger than that of a wireless system and will interfere with the operation of the wireless system. Use only recommended unoccupied frequencies.

Suggested frequencies for Group/Channel settings reflect a worst case scenario, assuming all TV channels within the specified search radius are active and of sufficient strength to cause interference. Additional compatible frequencies may be possible when working indoors and as the distance from the TV transmitter antenna increases. Utilizing the Automatic Frequency Scan feature found on most Shure wireless systems may also yield a larger number of clear channels.

Note: Only TV channels that interfere with the selected wireless system are listed.

For more information on how Shure wireless products operate, please see our Introduction To Wireless Systems publication.

For further assistance in the selection and compatibility of wireless frequencies and products, please contact Shure Applications Engineering

Also available are detailed frequency compatibility charts for Shure wireless systems, which provide a cross-listing of Shure frequency codes with actual broadcast frequencies.