

Local Television Channels that overlap the UHF-R series (30 mile radius):

Call Letters	City, State	Channel	Distance
KBSV	CERES, CA	<a href="#">15</a> digital (476 to 482 MHz)	29 miles
KICU	SAN JOSE, CA	<a href="#">36</a> digital (602 to 608 MHz)	14 miles
KAXT	SANTA CLARA, CA	<a href="#">42</a> digital (638 to 644 MHz)	15 miles
KSTS	SAN JOSE, CA	<a href="#">49</a> digital (680 to 686 MHz)	15 miles
KTEH	SAN JOSE, CA	<a href="#">50</a> digital (686 to 692 MHz)	14 miles
KDTV	SAN FRANCISCO, CA	<a href="#">51</a> digital (692 to 698 MHz)	15 miles

Use these recommended Groups/Channels:

Band	Max # of transmitters	Recommended Group	Recommended Channels
G1 (TV Channels 14-23)	39	Group: 10	<a href="#">1</a> (470.375), <a href="#">2</a> (471), <a href="#">3</a> (471.9), <a href="#">4</a> (473.2), <a href="#">5</a> (474.15), <a href="#">6</a> (475.825), <a href="#">11</a> (483.6), <a href="#">12</a> (484.025), <a href="#">13</a> (484.7), <a href="#">14</a> (485.175), <a href="#">15</a> (489.575), <a href="#">16</a> (492), <a href="#">17</a> (494.225), <a href="#">18</a> (495.775), <a href="#">19</a> (496.7), <a href="#">20</a> (497.85), <a href="#">21</a> (498.575), <a href="#">22</a> (500.675), <a href="#">23</a> (501.075), <a href="#">24</a> (501.75), <a href="#">25</a> (504.025), <a href="#">26</a> (508.45), <a href="#">27</a> (510.4), <a href="#">28</a> (511.025), <a href="#">29</a> (511.975), <a href="#">30</a> (513.2), <a href="#">31</a> (514.225), <a href="#">32</a> (514.725), <a href="#">33</a> (518.8), <a href="#">34</a> (519.475), <a href="#">35</a> (520.55), <a href="#">36</a> (521.925), <a href="#">37</a> (522.675), <a href="#">38</a> (523.65), <a href="#">39</a> (526.175), <a href="#">40</a> (527.5), <a href="#">41</a> (528.15), <a href="#">42</a> (529.425), <a href="#">43</a> (529.875)
H4 (TV Channels 22-31)	40	Group: 10	<a href="#">1</a> (518.05), <a href="#">2</a> (518.55), <a href="#">3</a> (519.5), <a href="#">4</a> (519.9), <a href="#">5</a> (520.75), <a href="#">6</a> (523.75), <a href="#">7</a> (530.5), <a href="#">8</a> (532.6), <a href="#">9</a> (534.15), <a href="#">10</a> (538.925), <a href="#">11</a> (541.75), <a href="#">12</a> (545.5), <a href="#">13</a> (546.425), <a href="#">14</a> (547.875), <a href="#">15</a> (550.5), <a href="#">16</a> (551.725), <a href="#">17</a> (560.575), <a href="#">18</a> (562.45), <a href="#">19</a> (564.525), <a href="#">20</a> (564.95), <a href="#">21</a> (570.05), <a href="#">22</a> (572.85), <a href="#">23</a> (573.475), <a href="#">24</a> (574.825), <a href="#">25</a> (575.85), <a href="#">26</a> (576.375), <a href="#">27</a> (577.1), <a href="#">28</a> (522.45), <a href="#">29</a> (546.9), <a href="#">30</a> (571.35), <a href="#">31</a> (524.425), <a href="#">32</a> (528.625), <a href="#">33</a> (529.675), <a href="#">34</a> (533.25), <a href="#">35</a> (557.275), <a href="#">36</a> (561.25), <a href="#">37</a> (565.85), <a href="#">38</a> (525.775), <a href="#">39</a> (543.5), <a href="#">40</a> (559.45)
J5 (TV Channels 32-41)	35	Group: 10	<a href="#">1</a> (578.1), <a href="#">2</a> (579.125), <a href="#">3</a> (581.475), <a href="#">4</a> (582.35), <a href="#">5</a> (584.4), <a href="#">6</a> (587.075), <a href="#">7</a> (588.55), <a href="#">8</a> (588.95), <a href="#">9</a> (593.925), <a href="#">10</a> (594.45), <a href="#">11</a> (596.7), <a href="#">15</a> (615.925), <a href="#">16</a> (618.975), <a href="#">17</a> (620.325), <a href="#">18</a> (622.25), <a href="#">19</a> (628.375), <a href="#">20</a> (629.925), <a href="#">21</a> (630.9), <a href="#">22</a> (632.1), <a href="#">23</a> (632.6), <a href="#">24</a> (635.55), <a href="#">25</a> (636.625), <a href="#">26</a> (637.35), <a href="#">27</a> (580.925), <a href="#">28</a> (586.175), <a href="#">29</a> (592.45), <a href="#">30</a> (597.625), <a href="#">31</a> (598.325), <a href="#">34</a> (614.175), <a href="#">35</a> (615.325), <a href="#">36</a> (616.875), <a href="#">37</a> (619.9), <a href="#">38</a> (621.45), <a href="#">39</a> (623.575), <a href="#">40</a> (633.95)
L3 (TV Channels 42-51)	23	Group: 6	<a href="#">2</a> (644.375), <a href="#">3</a> (651.9), <a href="#">4</a> (654.15), <a href="#">5</a> (660.375), <a href="#">6</a> (661.125), <a href="#">7</a> (662.875), <a href="#">8</a> (664.3), <a href="#">9</a> (667.125), <a href="#">10</a> (669.5), <a href="#">11</a> (679), <a href="#">21</a> (649.125), <a href="#">22</a> (658.825), <a href="#">23</a> (662.2), <a href="#">24</a> (677.025), <a href="#">26</a> (650.05), <a href="#">27</a> (651.45), <a href="#">28</a> (671.075), <a href="#">29</a> (677.6), <a href="#">31</a> (647.45), <a href="#">32</a> (648.4), <a href="#">33</a> (666), <a href="#">34</a> (675.9), <a href="#">35</a> (679.525)
X1	11	<a href="#">Best Practices &amp; Channel Selection for X1 band</a>	

If using multiple bands together, contact [Shure Applications Engineering](#) for assistance in selecting frequencies.