

## 15 GHz Band, Radio Frequency Allocation (SUB BAND) (STANDARD)

### 15GHz 4E1 1+0 Channel arrangement

Channel Separation for 4 E1: 7 MHz

Channel Separation for 1 E1: 1.75MHz

**Number of channels:** 60 pairs  
**Channel separation for 4E1 (1+0)** 7 MHz  
**Co-channel Tx/Rx spacing** 420 MHz

High Band (MHz)		
CH	TX (MHz)	RX (MHz)
1	14504.5	14924.5
2	14511.5	14931.5
3	14518.5	14938.5
4	14525.5	14945.5
5	14532.5	14952.5
6	14539.5	14959.5
7	14546.5	14966.5
8	14553.5	14973.5
9	14560.5	14980.5
10	14567.5	14987.5
11	14574.5	14994.5
12	14581.5	15001.5
13	14588.5	15008.5
14	14595.5	15015.5
15	14602.5	15022.5
16	14609.5	15029.5
17	14616.5	15036.5

Low Band (MHz)		
CH	TX (MHz)	RX (MHz)
1'	14924.5	14504.5
2'	14931.5	14511.5
3'	14938.5	14518.5
4'	14945.5	14525.5
5'	14952.5	14532.5
6'	14959.5	14539.5
7'	14966.5	14546.5
8'	14973.5	14553.5
9'	14980.5	14560.5
10'	14987.5	14567.5
11'	14994.5	14574.5
12'	15001.5	14581.5
13'	15008.5	14588.5
14'	15015.5	14595.5
15'	15022.5	14602.5
16'	15029.5	14609.5
17'	15036.5	14616.5

Sub-band 1

18	14623.5	15043.5
19	14630.5	15050.5
20	14637.5	15057.5
21	14644.5	15064.5
22	14651.5	15071.5
23	14658.5	15078.5
24	14665.5	15085.5
25	14672.5	15092.5
26	14679.5	15099.5
27	14686.5	15106.5
28	14693.5	15113.5
29	14700.5	15120.5
30	14707.5	15127.5
31	14714.5	15134.5
32	14721.5	15141.5
33	14728.5	15148.5
34	14735.5	15155.5
35	14742.5	15162.5
36	14749.5	15169.5
37	14756.5	15176.5
38	14763.5	15183.5
39	14770.5	15190.5

18'	15043.5	14623.5
19'	15050.5	14630.5
20'	15057.5	14637.5
21'	15064.5	14644.5
22'	15071.5	14651.5
23'	15078.5	14658.5
24'	15085.5	14665.5
25'	15092.5	14672.5
26'	15099.5	14679.5
27'	15106.5	14686.5
28'	15113.5	14693.5
29'	15120.5	14700.5
30'	15127.5	14707.5
31'	15134.5	14714.5
32'	15141.5	14721.5
33'	15148.5	14728.5
34'	15155.5	14735.5
35'	15162.5	14742.5
36'	15169.5	14749.5
37'	15176.5	14756.5
38'	15183.5	14763.5
39'	15190.5	14770.5

Sub-band 2

<b>40</b>	<b>14777.5</b>	<b>15197.5</b>	<b>40'</b>	<b>15197.5</b>	<b>14777.5</b>	<b>Sub-band 3</b>
<b>41</b>	<b>14784.5</b>	<b>15204.5</b>	<b>41'</b>	<b>15204.5</b>	<b>14784.5</b>	
<b>42</b>	<b>14791.5</b>	<b>15211.5</b>	<b>42'</b>	<b>15211.5</b>	<b>14791.5</b>	
<b>43</b>	<b>14798.5</b>	<b>15218.5</b>	<b>43'</b>	<b>15218.5</b>	<b>14798.5</b>	
<b>44</b>	<b>14805.5</b>	<b>15225.5</b>	<b>44'</b>	<b>15225.5</b>	<b>14805.5</b>	
<b>45</b>	<b>14812.5</b>	<b>15232.5</b>	<b>45'</b>	<b>15232.5</b>	<b>14812.5</b>	
<b>46</b>	<b>14819.5</b>	<b>15239.5</b>	<b>46'</b>	<b>15239.5</b>	<b>14819.5</b>	
<b>47</b>	<b>14826.5</b>	<b>15246.5</b>	<b>47'</b>	<b>15246.5</b>	<b>14826.5</b>	
<b>48</b>	<b>14833.5</b>	<b>15253.5</b>	<b>48'</b>	<b>15253.5</b>	<b>14833.5</b>	
<b>49</b>	<b>14840.5</b>	<b>15260.5</b>	<b>49'</b>	<b>15260.5</b>	<b>14840.5</b>	
<b>50</b>	<b>14847.5</b>	<b>15267.5</b>	<b>50'</b>	<b>15267.5</b>	<b>14847.5</b>	
<b>51</b>	<b>14854.5</b>	<b>15274.5</b>	<b>51'</b>	<b>15274.5</b>	<b>14854.5</b>	
<b>52</b>	<b>14861.5</b>	<b>15281.5</b>	<b>52'</b>	<b>15281.5</b>	<b>14861.5</b>	
<b>53</b>	<b>14868.5</b>	<b>15288.5</b>	<b>53'</b>	<b>15288.5</b>	<b>14868.5</b>	
<b>54</b>	<b>14875.5</b>	<b>15295.5</b>	<b>54'</b>	<b>15295.5</b>	<b>14875.5</b>	
<b>55</b>	<b>14882.5</b>	<b>15302.5</b>	<b>55'</b>	<b>15302.5</b>	<b>14882.5</b>	
<b>56</b>	<b>14889.5</b>	<b>15309.5</b>	<b>56'</b>	<b>15309.5</b>	<b>14889.5</b>	
<b>57</b>	<b>14896.5</b>	<b>15316.5</b>	<b>57'</b>	<b>15316.5</b>	<b>14896.5</b>	
<b>58</b>	<b>14903.5</b>	<b>15323.5</b>	<b>58'</b>	<b>15323.5</b>	<b>14903.5</b>	
<b>59</b>	<b>14910.5</b>	<b>15330.5</b>	<b>59'</b>	<b>15330.5</b>	<b>14910.5</b>	
<b>60</b>	<b>14917.5</b>	<b>15337.5</b>	<b>60'</b>	<b>15337.5</b>	<b>14917.5</b>	

**15GHz 8E1 1+0 Channel arrangement**

**Number of channels:** 30 pairs  
**Channel separation for 8E1 (1+0)** 14 MHz  
**Co-channel Tx/Rx spacing** 420 MHz

<b>High Band (MHz)</b>		
<b>CH</b>	<b>TX (MHz)</b>	<b>RX (MHz)</b>
1	14515	14935
2	14529	14949
3	14543	14963
4	14557	14977
5	14571	14991
6	14585	15005
7	14599	15019
8	14613	15033
9	14627	15047
10	14641	15061
11	14655	15075
12	14669	15089
13	14683	15103
14	14697	15117
15	14711	15131
16	14725	15145
17	14739	15159
18	14753	15173
19	14767	15187
20	14781	15201

<b>Low Band (MHz)</b>		
<b>CH</b>	<b>TX (MHz)</b>	<b>RX (MHz)</b>
1'	14935	14515
2'	14949	14529
3'	14963	14543
4'	14977	14557
5'	14991	14571
6'	15005	14585
7'	15019	14599
8'	15033	14613
9'	15047	14627
10'	15061	14641
11'	15075	14655
12'	15089	14669
13'	15103	14683
14'	15117	14697
15'	15131	14711
16'	15145	14725
17'	15159	14739
18'	15173	14753
19'	15187	14767
20'	15201	14781

Sub-band 1

Sub-band 2

21	14795	15215	21'	15215	14795	Sub-band 3
22	14809	15229	22'	15229	14809	
23	14823	15243	23'	15243	14823	
24	14837	15257	24'	15257	14837	
25	14851	15271	25'	15271	14851	
26	14865	15285	26'	15285	14865	
27	14879	15299	27'	15299	14879	
28	14893	15313	28'	15313	14893	
29	14907	15327	29'	15327	14907	
30	14921	15341	30'	15341	14921	

**15GHz 16E1 1+0 Standby Channel arrangement**

Number of channels **15 pairs**  
 Channel separation for 16E1 (1+0) **28 MHz**  
 Co-channel Tx/Rx spacing **420 MHz**

High Band (MHz)		
CH	TX (MHz)	RX (MHz)
1	14515	14935
2	14543	14963
3	14571	14991
4	14599	15019
5	14627	15047
6	14655	15075
7	14683	15103
8	14711	15131
9	14739	15159
10	14767	15187

Low Band (MHz)			
CH	TX (MHz)	RX (MHz)	
1'	14935	14515	Sub-band 1
2'	14963	14543	
3'	14991	14571	
4'	15019	14599	
5'	15047	14627	
6'	15075	14655	Sub-band 2
7'	15103	14683	
8'	15131	14711	
9'	15159	14739	
10'	15187	14767	

<b>11</b>	<b>14795</b>	<b>15215</b>	<b>11'</b>	<b>15215</b>	<b>14795</b>	<b>Sub-band 3</b>
<b>12</b>	<b>14823</b>	<b>15243</b>	<b>12'</b>	<b>15243</b>	<b>14823</b>	
<b>13</b>	<b>14851</b>	<b>15271</b>	<b>13'</b>	<b>15271</b>	<b>14851</b>	
<b>14</b>	<b>14879</b>	<b>15299</b>	<b>14'</b>	<b>15299</b>	<b>14879</b>	
<b>15</b>	<b>14907</b>	<b>15327</b>	<b>15'</b>	<b>15327</b>	<b>14907</b>	

<b>15GHz 16E1 1+1 Standby Channel arrangement</b>						
<b>Number of channels</b>			<b>6 pairs</b>			
<b>Channel separation for 16E1 (1+1)</b>			<b>28 MHz</b>			
<b>Co-channel Tx/Rx spacing</b>			<b>266 MHz</b>			
<b>High Band (MHz)</b>			<b>Low Band (MHz)</b>			
<b>CH</b>	<b>TX (MHz)</b>	<b>RX (MHz)</b>	<b>CH</b>	<b>TX (MHz)</b>	<b>RX (MHz)</b>	
<b>1</b>			<b>1'</b>			<b>Sub-band 1</b>
<b>2</b>	<b>14543</b>	<b>14963</b>	<b>2'</b>	<b>14963</b>	<b>14543</b>	
<b>3</b>	<b>14571</b>	<b>14991</b>	<b>3'</b>	<b>14991</b>	<b>14571</b>	
<b>4</b>	<b>14599</b>	<b>15019</b>	<b>4'</b>	<b>15019</b>	<b>14599</b>	
<b>5</b>			<b>5'</b>			<b>Sub-band 2</b>
<b>6</b>	<b>14655</b>	<b>15075</b>	<b>6'</b>	<b>15075</b>	<b>14655</b>	
<b>7</b>	<b>14683</b>	<b>15103</b>	<b>7'</b>	<b>15103</b>	<b>14683</b>	
<b>8</b>	<b>14711</b>	<b>15131</b>	<b>8'</b>	<b>15131</b>	<b>14711</b>	
<b>9</b>			<b>9'</b>			
<b>10</b>			<b>10'</b>			