

IMPORTANT: READ PRIOR TO USING

Public Safety Restrictions

The following table indicates Public Safety frequency restrictions by United States regions that must be avoided when selecting operational frequencies:

Urban Region	Bands Affected (Mhz)	TV Channels
Boston, MA	470-476, 482-488	14, 16
Chicago, IL -North Western Indiana	470-476, 476-482	14, 15
Cleveland, OH	470-476, 476-482	14, 15
Dallas-Fort Worth, TX	482-488	16
Detroit, MI	476-482, 482-488	15, 16
Houston, TX	488-494	17
Los Angeles, CA	470-476, 482-488, 506-512	14, 16, 20
Miami, FL	470-476	14
New York, NY-Northeastern New Jersey	470-476, 476-482, 482-488	14, 15, 16
Philadelphia, PA-New Jersey	500-506, 506-512	19, 20
Pittsburgh, PA	470-476, 494-500	14, 18
San Francisco-Oakland, CA	482-488, 488-494	16, 17
Washington, D.C.-Maryland-Virginia	488-494, 494-500	17, 18

This supplement contains information affecting the Document Number and Title shown below:

Document Number	Title	Supplemental Information
27*8849C (NS) (EU, AS unaffected)	UHF-R Wireless User Guide	Public Safety Restrictions
27*8849C (NS) (EU, AS unaffected)	UHF-R Wireless User Guide	New Operational Frequency Bands: X1, G1

UHF-R: G1 Frequency Band 470MHz-530MHz

Group	1	2	3	4	5	6	7	8	9	10
Channel	TV 14 & 19 present	TV 15 & 20 present	TV 16 & 21 present	TV 17 & 22 present	TV 18 & 23 present	G1, H4, J5 and L3 bands completely available	G1, H4, J5 and L3 bands completely available	full G1 spectrum	full G1 spectrum	full G1 spectrum
1	470.35	476.35	482.35	488.35	494.35	471.5	470.025	470.1	470.9	470.05
2	470.85	476.85	482.85	488.85	494.85	471.9	471.025	470.825	471.625	470.55
3	471.575	477.575	483.575	489.575	495.575	473.025	471.825	471.35	472.15	471.5
4	472.5	478.5	484.5	490.5	496.5	473.8	473.075	472.375	473.175	471.9
5	473.625	479.625	485.625	491.625	497.625	475.15	473.9	473.725	474.525	472.75
6	474.45	480.45	486.45	492.45	498.45	475.9	476.325	474.35	475.15	475.75
7	475.075	481.075	487.075	493.075	499.075	477.075	477.5	477.15	477.95	482.5
8	475.475	481.475	487.475	493.475	499.475	477.6	478.1	482.25	483.05	484.6
9	500.125	506.125	512.125	518.125	524.125	480.725	479.15	482.675	483.475	486.15
10	500.65	506.65	512.65	518.65	524.65	481.975	484.725	484.75	485.55	490.925
11	501.675	507.675	513.675	519.675	525.675	482.95	485.975	486.625	487.425	493.75
12	503.025	509.025	515.025	521.025	527.025	484.825	486.925	495.475	496.275	497.5
13	503.75	509.75	515.75	521.75	527.75	487.35	488.9	496.7	497.5	498.425
14	504.15	510.15	516.15	522.15	528.15	489.35	489.425	499.325	500.125	499.875
15	504.975	510.975	516.975	522.975	528.975	491.55	490.55	500.775	501.575	502.5
16	505.6	511.6	517.6	523.6	529.6	493.075	492.525	501.7	502.5	503.725
17						493.475	493.425	505.45	506.25	512.575
18						495.1	496.75	508.275	509.075	514.45
19						496.05	500.525	513.05	513.85	516.525
20						497.375	503.775	514.6	515.4	516.95
21						499.225	504.8	516.7	517.5	522.05
22						500.35	505.575	523.45	524.25	524.85
23						501.9	506.025	526.45	527.25	525.475
24						503.675	506.8	527.3	528.1	526.825
25						505.175	509.525	527.7	528.5	527.85
26						506.05	510.1	528.65	529.45	528.375
27						509.575	511.3	529.15	529.95	529.1
28						515.05	511.925	475.85	476.65	474.45
29								500.3	501.1	498.9
30								524.75	525.55	523.35
31								481.35	482.15	476.425
32								485.95	486.75	480.625
33								489.925	490.725	481.675
34								513.95	514.75	485.25
35								517.525	518.325	509.275
36								518.575	519.375	513.25
37								522.775	523.575	517.85
38								487.75	488.55	477.775
39								503.7	504.5	495.5
40								521.425	522.225	511.45

UHF-R: X1 Frequency Band 944MHz-952MHz

Group	1	2	3	4	5	6	7	8	9	10
Channel	Full band, Robust Compatibility, 9 channels	Full band, Robust Compatibility, 9 channels	Full band, Robust Compatibility, 9 channels	Full band, Max frequencies, 12 channels	Full band, Max frequencies, 12 channels	Full band, Max frequencies, 12 channels	Full band, Max frequencies, 12 channels	Full band, Max frequencies, 12 channels	Full band, Max frequencies, 12 channels	Full band, Max frequencies, 12 channels
1	944.075	944	944.225	944.025	944.15	944.2	944	944.3	944.1	944.075
2	945.125	945.025	944.775	944.675	944.675	944.625	944.475	944.75	944.55	944.725
3	945.875	945.825	946.2	945.1	945.65	945.3	945.425	945.4	945.2	945.15
4	947.425	946.4	947.225	945.95	946.15	945.75	946.15	945.8	945.6	946
5	948.375	947.325	947.875	946.525	946.85	946.6	946.575	947.05	946.85	946.575
6	950.05	948.025	949.1	947.525	947.85	947.1	948.1	947.65	947.45	947.575
7	950.525	949.975	949.975	948.175	948.4	948.1	948.875	948.5	948.3	948.225
8	951.375	951.25	951.3	949.3	949.275	949.3	949.425	949.1	948.9	949.35
9	951.95	951.7	951.75	950.175	949.75	949.8	950.3	950.35	950.15	950.225
10				950.7	950.45	950.7	950.975	950.75	950.55	950.75
11				951.475	951.35	951.125	951.375	951.4	951.2	951.525
12				951.875	951.925	951.8	951.975	951.85	951.65	951.925