

# RadioShack Guide To Scanners

## Band Allocation

To help you decide which frequency ranges to search, compare the following listing of typical services to the frequencies that your scanner receives. These frequencies are subject to change, and might vary from area to area. For a more complete listing, refer to the "Police-Call Radio Guide including Fire and Emergency Services", as well as "Beyond Police Call", "Aeronautical Directory", "Nautical Directory" and "Now you're Talking" texts available at your local RadioShack store.

## Frequency Bands

High Frequency (HF) - (3 - 30 MHz)

Very High Frequency (VHF) - (30 - 300 MHz)

Ultra High Frequency (UHF) - (300 MHz - 3 GHz)

High Band - (25.00 - 27.36 MHz)	
25.020 - 25.320	IND
25.870 - 26.470	RTV
26.62	CAP
26.966 - 27.405	CB
27.430 - 27.630	BUS

10-Meter Amateur Band - (28.0 - 29.7 MHz)	
28.000 - 29.700	HAM

Low Band - (29.7 - 50 MHz - in 5 kHz steps)	
29.700 - 29.790	IND
29.900 - 30.550	GOVT, MIL
30.580 - 31.980	IND, PUB
32.000 - 32.990	GOVT, MIL
33.020 - 33.980	BUS, IND, PUB
34.010 - 34.990	GOVT, MIL
35.020 - 35.980	BUS, PUB, IND, TELM
36.000 - 36.230	GOVT, MIL
36.250	Oil spill clean up
36.270 - 36.990	GOVT, MIL
37.020 - 37.980	PUB, IND
38.000 - 39.000	GOVT, MIL

39.020 - 39.980	PUB
40.000 - 42.000	GOVT, MIL, MARI
42.020 - 42.940	POL
42.960 - 43.180	IND
43.220 - 43.680	TELM, IND, PUB
43.700 - 44.600	TRAN
44.620 - 46.580	POL, PUB
46.600 - 46.990	GOVT, TELC
47.020 - 47.400	PUB
47.420	<b>American Red Cross</b>
47.440 - 49.580	IND, PUB
49.610 - 49.990	MIL, TELC

### 6-Meter Amateur Band (50 - 54 MHz)

50.00 - 54.00	HAM
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### FM-TV Audio Broadcast, Wide Band (54 - 72 MHz)

59.750	TV	Channel 2
65.750	TV	Channel 3
71.750	TV	Channel 4

### Land Mobile Service Band (72 - 76 MHz)

### FM-TV Audio Broadcast, Wide Band (76 - 88 MHz)

81.750	TV	Channel 5
87.750	TV	Channel 6

### FM Radio Broadcast, Wide Band (88 - 108 MHz)

### Aircraft Band (108 - 136 MHz)

108.000 - 121.490	AIR
121.500	AIREmergency
121.510 - 136.000	AIR

### U. S. Government Band (138 - 144 MHz)

137.000 - 144.000	GOVT, MIL
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**VHF-Hi Band (148 - 174 MHz)**

148.050 - 150.345	CAP, MARS, MIL
150.775 - 150.790	MED
150.815 - 150.965	TOW
150.980	Oil Spill Clean Up
150.995 - 151.130	ROAD
151.145 - 151.475	POL
151.490 - 151.955	IND, BUS
151.985	TELM
152.030 - 152.240	TELB
152.270 - 152.465	IND, TAXI
152.480	BUS
152.510 - 152.840	TELB
152.870 - 153.020	IND, MOV
153.035 - 153.175	IND, OIL, UTIL
153.740 - 154.445	PUB, FIRE
154.490 - 154.570	IND, BUS
154.585	Oil Spill Clean Up
154.600 - 154.625	BUS
154.665 - 156.240	MED, ROAD, POL, PUB
165.255	OIL
156.275 - 157.425	MARI
157.450	MED
157.470 - 157.515	TOW
157.530 - 157.725	IND, TAXI
157.740	BUS
157.770 - 158.100	TELB
158.130 - 158.460	BUS, IND, OIL, TELM, UTIL
158.490 - 158.700	TELB
158.730 - 159.465	POL, PUB, ROAD
159.480	OIL
159.495 - 161.565	TRAN
161.580	OIL
161.600 - 162.000	MARI, RTV
162.0125 - 162.35	GOVT, MIL, USXX
162.400 - 162.550	WTHR
162.5625 - 162.6375	GOVT, MIL, USXX
162.6625	MED
162.6875 - 163.225	GOVT, MIL, USXX

163.250	MED
163.275 - 166.225	GOVT, MIL, USXX
166.250	GOVT, RTV, FIRE
166.275 - 169.400	GOVT, BIFC
169.445	<b>Wireless Microphones</b>
169.500	GOVT
169.505	<b>Wireless Microphones</b>
169.55 - 169.9875	GOVT, MIL, USXX
170.000	BIFC
170.025 - 170.150	GOVT, RTV, FIRE
170.175 - 170.225	GOVT
170.245 - 170.305	<b>Wireless Microphones</b>
170.350 - 170.400	GOVT, MIL
170.425 - 170.450	BIFC
170.475	PUB
170.4875 - 173.175	GOVT, PUB, Wireless Microphones
173.225 - 173.375	MOV, NEWS, UTIL
173.3875 - 178.5375	MIL
173.5625 - 173.5875	MIL Medical/Crash Crews
173.60 - 173.9875	GOVT

### FM-TV Audio Broadcast, VHF Wide Band (174 - 216 MHz)

179.750	TV	Channel 7
185.750	TV	Channel 8
191.750	TV	Channel 9
197.750	TV	Channel 10
203.750	TV	Channel 11
209.750	TV	Channel 12
215.750	TV	Channel 13

### New Mobile Narrow Band (220 - 222 MHz)

220.000 - 222.000	NEW
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### 1.3-Meter Amateur Band (222 - 225 MHz)

222.000 - 225.000	HAM
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### Military Aircraft Band (237.9 - 287.8 MHz)

237.900	<b>Coast Guard Search &amp; Rescue</b>
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239.800	<b>FAA Weather</b>
241.000	<b>Army Aircraft</b>
243.000	<b>Military Aircraft Emergency</b>
255.400	<b>FAA Flight Service</b>
257.800	<b>Civilian Towers</b>
287.800	<b>Coast Guard Air/Sea Rescue</b>

### **Military Aircraft Band (319.1 - 383.9 MHz)**

319.100	<b>FAA Traffic Control</b>
321.000 - 336.600	<b>Air Force</b>
342.500 - 344.600	<b>FAA Weather</b>
346.400 - 364.200	<b>Air Force Traffic Control</b>
381.800 - 383.900	<b>Coast Guard</b>

### **U.S. Government Band (406 - 420 MHz)**

406.125 - 419.975	GOVT, USXX
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### **70-cm Amateur Band (420 - 450 MHz)**

420.000 - 450.000	HAM
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### **Low Band (450 - 470 MHz)**

450.050 - 450.925	RTV
451.025 - 452.025	IND, OIL, TELM, UTIL
452.0375 - 453.00	IND, TAXI, TRAN, TOW, NEWS
453.0125 - 453.9875	PUB
454.000	OIL
454.025 - 454.975	TELB
455.050 - 455.925	RTV
457.525 - 457.600	BUS
458.025 - 458.175	MED
460.0125 - 460.6375	FIRE, POL, PUB
460.650 - 462.175	BUS
462.1875 - 462.450	BUS, IND
462.4625 - 462.525	IND, OIL, TELM, UTIL
462.550 - 462.725	GMR
462.750 - 462.925	BUS
462.9375 - 463.1875	MED
463.200 - 467.925	BUS

**Family Radio Service (462.5625 - 467.7125 MHz)  
(Channels 1 - 14)**

462.5625	FRS	<b>Channel 1</b>
462.5875	FRS	Channel 2
462.6125	FRS	Channel 3
462.6375	FRS	Channel 4
462.6625	FRS	Channel 5
462.6875	FRS	Channel 6
462.7125	FRS	Channel 7
467.5625	FRS	Channel 8
467.5875	FRS	Channel 9
467.6125	FRS	Channel 10
467.6375	FRS	Channel 11
467.6625	FRS	Channel 12
467.6875	FRS	Channel 13
467.7125	FRS	Channel 14

**FM-TV Audio Broadcast, UHF Wide Band (470 - 805.750 MHz)  
(Channels 14 - 69 in 6 MHz steps)**

475.750	TV	Channel 14
481.750	TV	Channel 15
487.750	TV	Channel 16
493.750	TV	Channel 17
499.750	TV	Channel 18
505.750	TV	Channel 19
511.750	TV	Channel 20
517.750	TV	Channel 21
523.750	TV	Channel 22
529.750	TV	Channel 23
535.750	TV	Channel 24
541.750	TV	Channel 25
547.750	TV	Channel 26
553.750	TV	Channel 27
559.750	TV	Channel 28
565.750	TV	Channel 29
571.750	TV	Channel 30
577.750	TV	Channel 31
583.750	TV	Channel 32

589.750	TV	Channel 33
595.750	TV	Channel 34
601.750	TV	Channel 35
607.750	TV	Channel 36
613.750	TV	Channel 37
619.750	TV	Channel 38
625.750	TV	Channel 39
631.750	TV	Channel 40
637.750	TV	Channel 41
643.750	TV	Channel 42
649.750	TV	Channel 43
655.750	TV	Channel 44
661.750	TV	Channel 45
667.750	TV	Channel 46
673.750	TV	Channel 47
679.750	TV	Channel 48
685.750	TV	Channel 49
691.750	TV	Channel 50
697.750	TV	Channel 51
703.750	TV	Channel 52
709.750	TV	Channel 53
715.750	TV	Channel 54
721.750	TV	Channel 55
717.750	TV	Channel 56
733.750	TV	Channel 57
739.750	TV	Channel 58
745.750	TV	Channel 59
751.750	TV	Channel 60
757.750	TV	Channel 61
763.750	TV	Channel 62
769.750	TV	Channel 63
775.750	TV	Channel 64
781.750	TV	Channel 65
787.750	TV	Channel 66
793.750	TV	Channel 67
799.750	TV	Channel 68
805.750	TV	Channel 69

**Note:** Some cities use the 470 - 512 MHz band for land/mobile service.

**Conventional Systems Band - Locally Assigned**

851.0125 - 855.9875	CSB
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**Conventional/Trunked Systems Band - Locally Assigned**

856.0125 - 860.9875	CTSB
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**Trunked Systems Band - Locally Assigned**

861.0125 - 865.9875	TSB
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**Public Safety Band - Locally Assigned**

866.0125 - 868.9875	PSB
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**Common Carrier**

869.010 - 894.000	CCA
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**Private Trunked**

935.0125 - 939.9875	PTR
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**General Trunked**

940.0125 - 940.9875	GTR
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