



# WIRELESS MICROPHONE FREQUENCY CHART (U.S.)

*Applies to wireless microphones and personal monitors*

- Available for unlicensed use
- Available for unlicensed use (max power 20 mW)
- Available for licensed use only
- Not available

<sup>1</sup> TV channel 37 is reserved for radio astronomy & wireless medical telemetry devices

<sup>2</sup> Not available for wireless microphone use after July 2020

TV Channel	7	8	9	10	11	12	13
Frequency Range	174 – 180 MHz	180 – 186 MHz	186 – 192 MHz	192 – 198 MHz	198 – 204 MHz	204 – 210 MHz	210 – 216 MHz

TV Channel	14	15	16	17	18	19	20
Frequency Range	470 – 476 MHz	476 – 482 MHz	482 – 488 MHz	488 – 494 MHz	494 – 500 MHz	500 – 506 MHz	506 – 512 MHz

TV Channel	21	22	23	24	25	26	27
Frequency Range	512 – 518 MHz	518 – 524 MHz	524 – 530 MHz	530 – 536 MHz	536 – 542 MHz	542 – 548 MHz	548 – 554 MHz

TV Channel	28	29	30	31	32	33	34
Frequency Range	554 – 560 MHz	560 – 566 MHz	566 – 572 MHz	572 – 578 MHz	578 – 584 MHz	584 – 590 MHz	590 – 596 MHz

TV Channel	35	36	37 <sup>1</sup>
Frequency Range	596 – 602 MHz	602 – 608 MHz	608 – 614 MHz

600 MHz Guard Band	Mobile Broadband <sup>2</sup>	600 MHz Duplex Gap		Mobile Broadband <sup>2</sup>
614 – 616 MHz	616 – 653 MHz	653 – 657 MHz	657 – 663 MHz	663 – 698 MHz

900 MHz	1.9 GHz DECT	2.4 GHz	5 GHz	
902 – 928 MHz	1920 – 1930 MHz	2400 – 2483 MHz	5150 – 5350 MHz	5470 – 5850 MHz

For assistance with wireless system frequency selection, contact the Shure Applications Engineering group in your region:

[www.shure.com/contact](http://www.shure.com/contact)