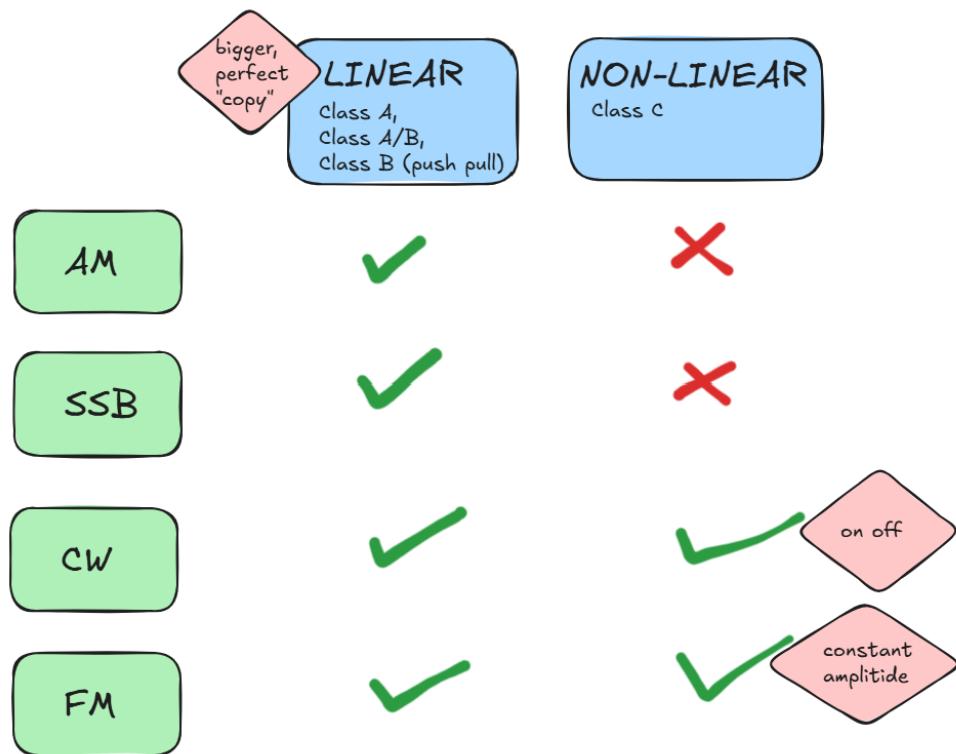
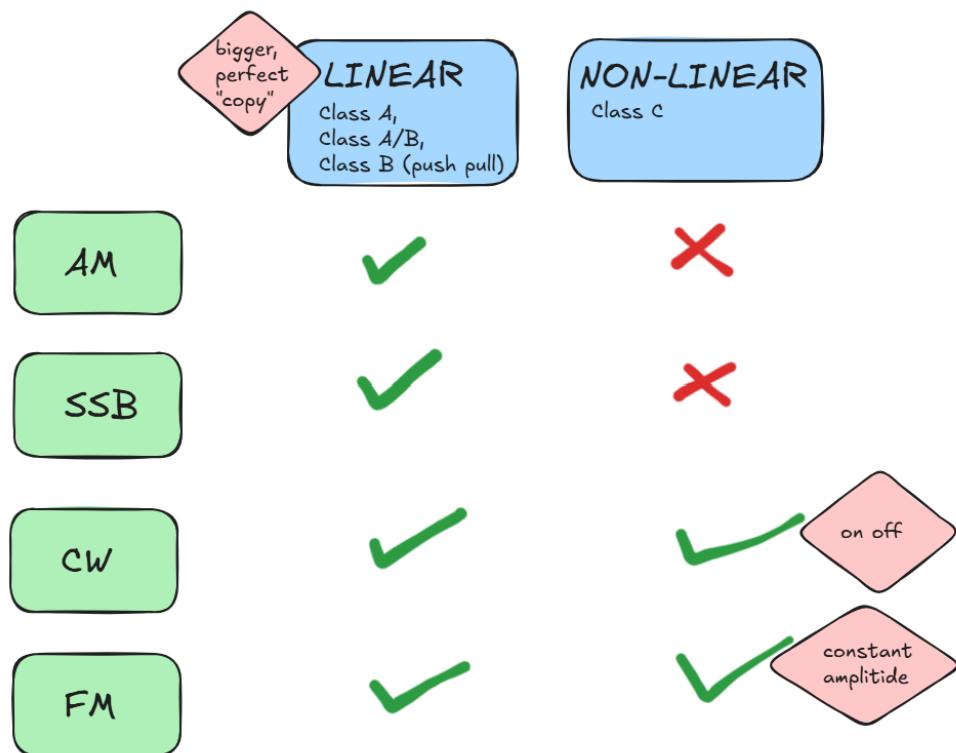


### 3f.2 • Modulation modes and Linear Amplifiers • 000 • fea529e6



### 3f.2 • Modulation modes and Linear Amplifiers • 010 • 540229e6



The output signal is a perfect copy of the input signal, with increased amplitude.

There is a 21MHz unwanted frequency on the DIFF worksheet.

- 1 Add fundamental frequencies to each grid
- 2 Add harmonic frequencies to each grid
- 3 Create SUM and DIFF on each grid
- 4 Inspect grids for unwanted frequency match

**SUM Grid:**

	Fundamental	Harmonic	Harmonic
Fundamental	9	18	27
Harmonic	2	11	20
Harmonic	4	13	22
Harmonic	6	15	24

**DIFF Grid:**

	Fundamental	Harmonic	Harmonic
Fundamental	9	18	27
Harmonic	2	7	16
Harmonic	4	5	14
Harmonic	6	3	12