



fit function

$$a - b \cdot 10 \cdot \log(10^{(\text{Pin_dBm}/10)} + 10^{(c/10)})$$

11MHz

$$a = -0.35381 \pm 0.00767$$

$$b = -0.024658 \pm 0.000179$$

$$c = -70.949 \pm 0.303$$

29.5MHz

$$a = -0.36061 \pm 0.00925$$

$$b = -0.024697 \pm 0.000215$$

$$c = -70.957 \pm 0.364$$

55MHz

$$a = -0.36198 \pm 0.0151$$

$$b = -0.024277 \pm 0.000344$$

$$c = -72.062 \pm 0.607$$

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$$\text{Pin_mW} = 10^{((a-V)/b/10)} - 10^{(c/10)}$$

$$\text{Pin_Vpk} = \sqrt{((10^{((a-V)/b/10)} - 10^{(c/10)}) / 1000 \cdot 100)}$$