

How important are these evaluation criteria?

5: Extremely Important
 4: Very Important
 3: Important
 2: Moderately Important
 1: Least Important
 0: Not Important

How good are these concepts?

5: Very Good
 4: Good
 3: Moderate
 2: Satisfactory
 1: Acceptable
 0: Out of concern

Objective (Criteria)	Target Value	Importance (Weight)		CV 1 (Figure 1)		CV 2 (Figure 2)		CV3 (Figure 3)		CV4 (Figure 4)		CV5 (Figure 5)		CV6 (Figure 6)		CV7 (Figure 7)		CV8 (Figure 8)		CV9 (Figure 9)		CV10 (Figure 10)	
				Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted
Safe	No Able to be Shocked	5	29%	3	0.88	4	1.18	1	0.29	3	0.88	2	0.59	4	1.18	4	1.18	4	1.18	1	0.29	4	1.18
Easily Operated	Separate Electrodes up to 1.5"	4	24%	4	0.94	4	0.94	3	0.71	3	0.71	0	0.00	4	0.94	3	0.71	5	1.18	0	0.00	5	1.18
Abide by FCC Laws	Block AM Waves	3	18%	4	0.71	3	0.53	4	0.71	0	0.00	0	0.00	4	0.71	3	0.53	3	0.53	0	0.00	3	0.53
Low Cost	<\$100	1	6%	4	0.24	3	0.18	4	0.24	5	0.29	5	0.29	5	0.29	4	0.24	5	0.29	5	0.29	3	0.18
Easy to Develop	Simple Design	3	18%	5	0.88	2	0.35	4	0.71	4	0.71	5	0.88	3	0.53	2	0.35	3	0.53	5	0.88	2	0.35
Aesthetics	Awesomeness	1	6%	4	0.24	3	0.18	3	0.18	3	0.18	4	0.24	2	0.12	3	0.18	4	0.24	3	0.18	3	0.18
Total		17	100%	3.882353		3.4		2.8		2.8		2.0		3.8		3.2		3.9		1.6		3.6	

Constraints				CV 1 (Figure 1)		CV 2 (Figure 2)		CV3 (Figure 3)		CV4 (Figure 4)		CV5 (Figure 5)		CV6 (Figure 6)		CV7 (Figure 7)		CV8 (Figure 8)		CV9 (Figure 9)		CV10 (Figure 10)	
Constraints	Target Value			Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted
				Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted	Raw	Weighted
Budget	\$150			1		1		1		1		1		1		1		1		1		1	
Electrode Separation Distance	0" to 1.5"			1		1		1		1		0		1		1		1		0		1	
Overall Constraints				1		1		1		1		0		1		1		1		0		1	
Overall				3.882353		3.4		2.8		2.8		0.0		3.8		3.2		3.9		0.0		3.6	

Will the concept satisfy constraints?

1: Yes
 0: No