



SAR Exclusion Threshold

- Approximate SAR Test Exclusion power thresholds at selected frequencies and distances are illustrated

MHz	5	10	15	20	25	mm
150	39	77	116	155	194	SAR Test Exclusion Threshold (mW)
300	27	55	82	110	137	
450	22	45	67	89	112	
835	16	33	49	66	82	
900	16	32	47	63	79	
1500	12	24	37	49	61	
1900	11	22	33	44	54	
2450	10	19	29	38	48	
3600	8	16	24	32	40	
5200	7	13	20	26	33	
5400	6	13	19	26	32	
5800	6	12	19	25	31	

This SAR
Exclusion
Threshold
applies to the
subject device
for certification.
Reference
TIMCO Job
#2088UC14



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- The exclusion threshold is based on
 - $\left[\frac{\text{max. power of channel, including tolerance, mW}}{(60/\sqrt{f_{\text{(GHz)}}}, \text{ mW})} \right] \cdot \left[\frac{20 \text{ mm}}{\text{min. separation distance, mm}} \right] \leq 1.0$
- The threshold is configured to limit the estimated SAR to $\leq$ approximately 0.4 W/kg, based on substantially conservative exposure conditions