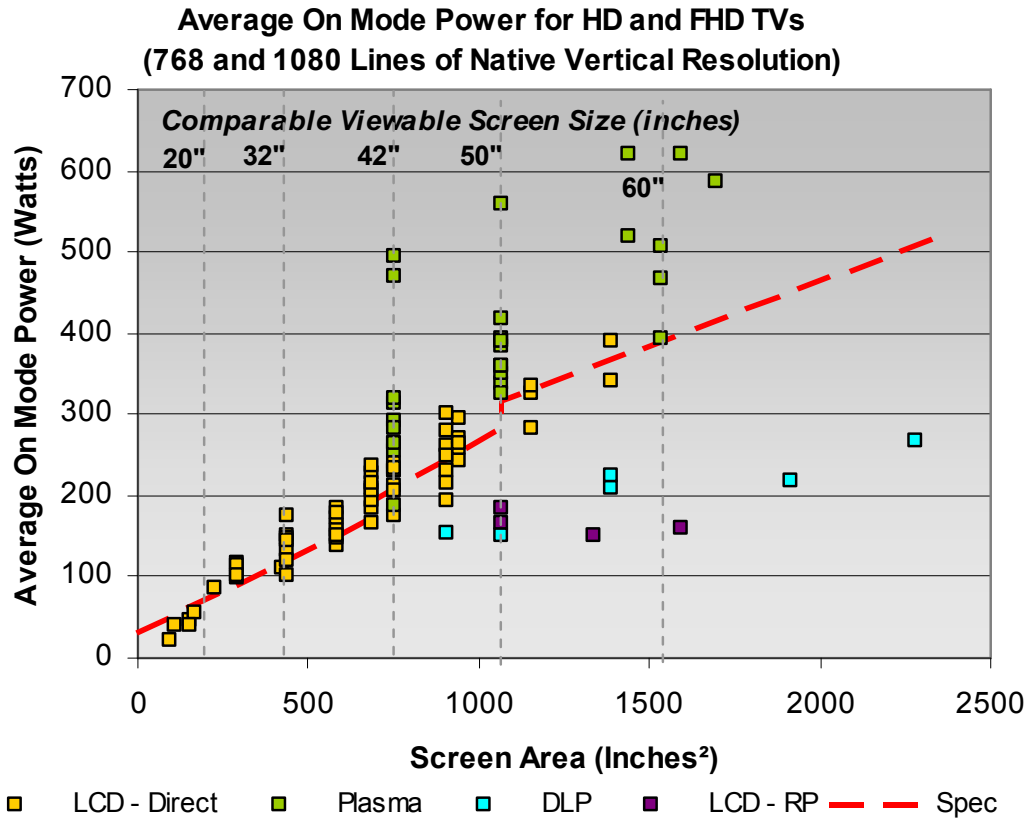
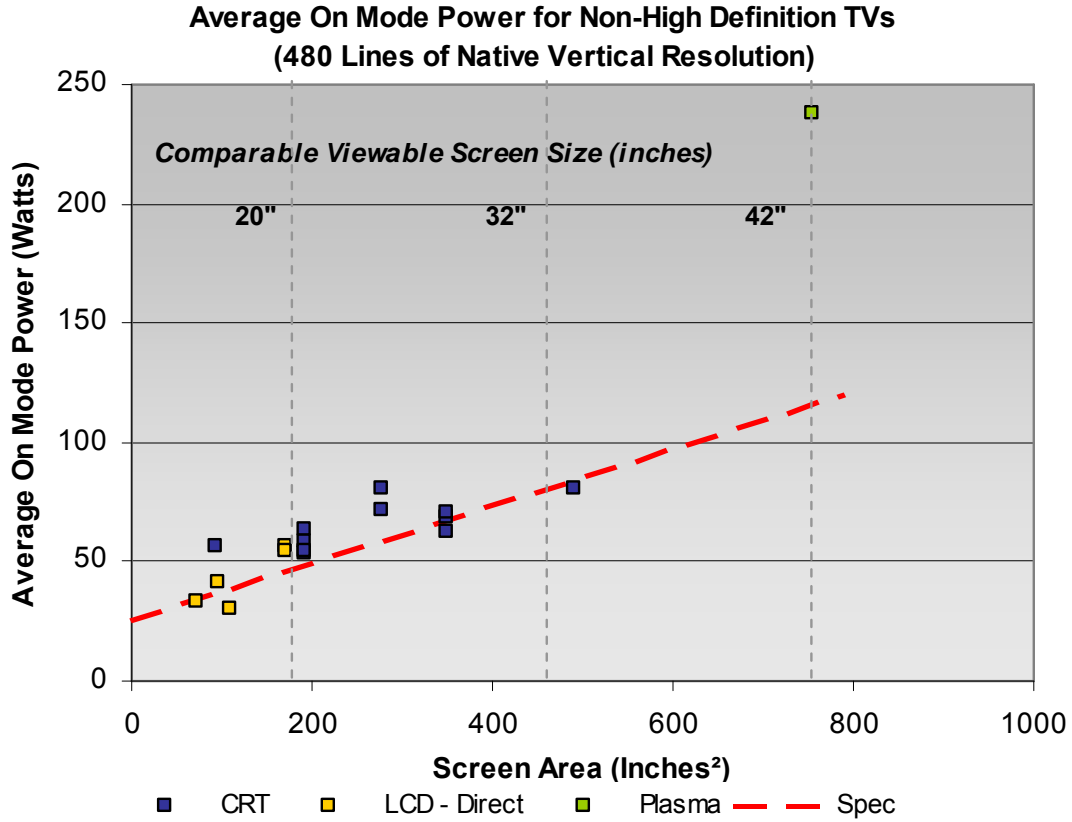
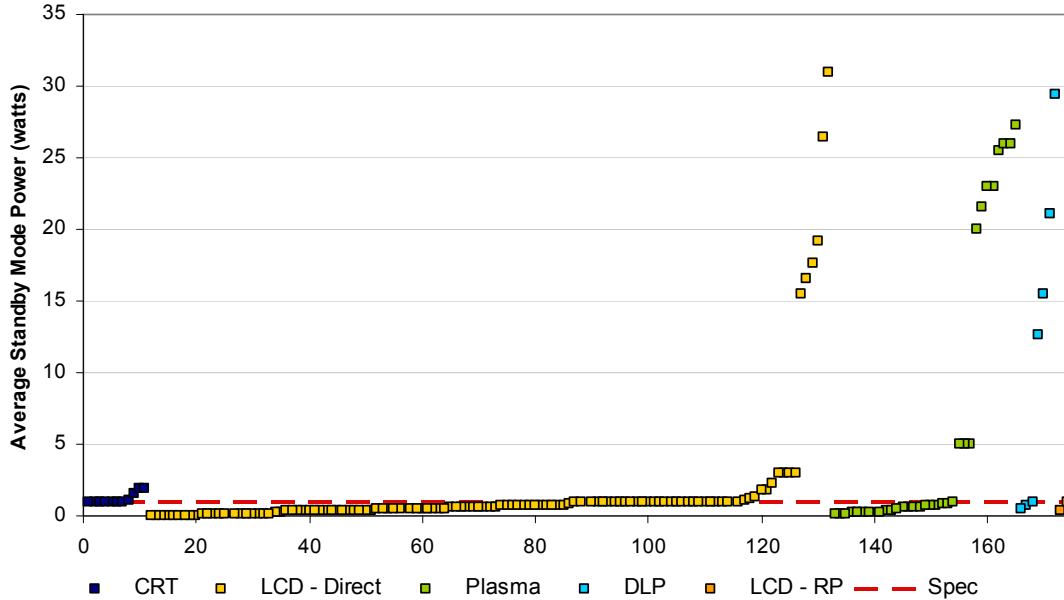


Charts Showing EPA's TV Dataset and Specification Lines for the Final Draft Version 3.0 ENERGY STAR® TV Products Specification



Standby Power at Factory Default Settings by Product Type



NOTE: The above charts include only one data point per model, i.e., where manufacturers provided data for multiple factory pre-set picture settings, EPA has only included measurements made at the factory default, as shipped, picture setting.

On Mode Power Level Equations

Non-High Definition TVs (i.e. ≤ 480 Native Vertical Resolution)

All Screen Areas $P_{\max} = .120 * A + 25$

High Definition and Full High Definition TVs (i.e. > 480 Native Vertical Resolution)

$A < 680 \text{ in}^2$ $P_{\max} = .20 * A + 32$

$680 \text{ in}^2 \leq A < 1068 \text{ in}^2$ $P_{\max} = .24 * A + 27$

$A \geq 1068 \text{ in}^2$ $P_{\max} = .156 * A + 151$

Power Levels and Qualification Rates for Typical Screen Sizes

Screen Size Inches	Screen Area Sq. Inches	On Mode Power Level for non-HD TVs	On Mode Power Level for HD and FHD	Pass (Active)	Pass (Both)
20"	187	47	69	7 (26.9%)	7 (26.9%)
32"	445	78	121	13 (28.3%)	11 (23.9%)
42"	754	115	208	25(39.1%)	22 (34.4%)
50"	1068	153	318	6 (25.0%)	6 (25.0%)
60"	1538	210	391	7 (46.7%)	2 (13.3%)
All				58 (33.1%)	48 (27.4%)