

EIRP Calculation of FCC ID : ABZ89FT7632

BW 3.5MHz	Chan.	Frequency (MHz)	Conducted power (dBm)		Conducted power(mW)		Conducted power (dBm)		Ant gain	EIRP (dBm)	EIRP (W)
			ANT. 0	ANT. 1	ANT. 0	ANT. 1	ANT 0 + ANT 1	ANT 0 + ANT 1			
	Low	3651.75	15.29	15.22	33.81	33.27	67.07	18.27	16.5	34.77	2.999
	Middle	3660	15.28	15.35	33.73	34.28	68.01	18.33	16.5	34.83	3.041
	High	3673.25	15.29	15.31	33.81	33.96	67.77	18.31	16.5	34.81	3.027

BW 5MHz	Chan.	Frequency (MHz)	Conducted power (dBm)		Conducted power(mW)		Conducted power (dBm)		Ant gain	EIRP (dBm)	EIRP (W)
			ANT. 0	ANT. 1	ANT. 0	ANT. 1	ANT 0 + ANT 1	ANT 0 + ANT 1			
	Low	3652.5	16.76	16.84	47.42	48.31	95.73	19.81	16.5	36.31	4.276
	Middle	3660	16.73	16.83	47.10	48.19	95.29	19.79	16.5	36.29	4.256
	High	3672.5	16.71	16.8	46.88	47.86	94.74	19.77	16.5	36.27	4.236

BW 7MHz	Chan.	Frequency (MHz)	Conducted power (dBm)		Conducted power(mW)		Conducted power (dBm)		Ant gain	EIRP (dBm)	EIRP (W)
			ANT. 0	ANT. 1	ANT. 0	ANT. 1	ANT 0 + ANT 1	ANT 0 + ANT 1			
	Low	3653.5	18.34	18.33	68.23	68.08	136.31	21.35	16.5	37.85	6.095
	Middle	3660	18.28	18.33	67.30	68.08	135.37	21.32	16.5	37.82	6.053
	High	3671.5	18.32	18.34	67.92	68.23	136.15	21.34	16.5	37.84	6.081

BW 10MHz	Chan.	Frequency (MHz)	Conducted power (dBm)		Conducted power(mW)		Conducted power (dBm)		Ant gain	EIRP (dBm)	EIRP (W)
			ANT. 0	ANT. 1	ANT. 0	ANT. 1	ANT 0 + ANT 1	ANT 0 + ANT 1			
	Low	3655	19.82	19.95	95.94	98.86	194.80	22.90	16.5	39.40	8.710
	Middle	3660	19.89	19.9	97.50	97.72	195.22	22.91	16.5	39.41	8.730
	High	3670	19.91	19.83	97.95	96.16	194.11	22.88	16.5	39.38	8.670