

Standard	Band / Frequency	Min (AVG / PEAK)	Typ (AVG / PEAK)	Max (AVG / PEAK)	Limit by the Standard (AVG / PEAK)	Unit
FCC part 15 transmitter spurious emissions	2nd harmonic		50 / 61		54 / 74	dBuV/m
	3rd harmonic		< 40 / 50		54 / 74	dBuV/m
	Band edge 2390MHz				54 / 74	dBuV/m
	Band edge 2483.5MHz				54 / 74	dBuV/m
	Band edge 2400MHz (conducted)				-20	dBc
	Band edge 2483.5MHz (conducted)				-20	dBc
ETSI EN 300 328 transmitter spurious emissions	Band edge 2400MHz				-30	dBm
	2nd harmonic		-35		-30	dBm
	3rd harmonic		<-40		-30	dBm
ETSI EN 300 328 receiver spurious emissions	(2400 - 2479) MHz				-47	dBm
	(1600 - 1653) MHz				-47	dBm

Table 11: WT32i-A spurious emissions

Note: All the emissions tested with maximum 8 dBm TX power

5.5.2 Antenna Characteristics

Note: Antenna characteristics may vary depending on the mother board layout. Following characteristics have been measured using DKWT32i

- Antenna efficiency -3.5 dB (45%)
- Peak gain 0 dBi

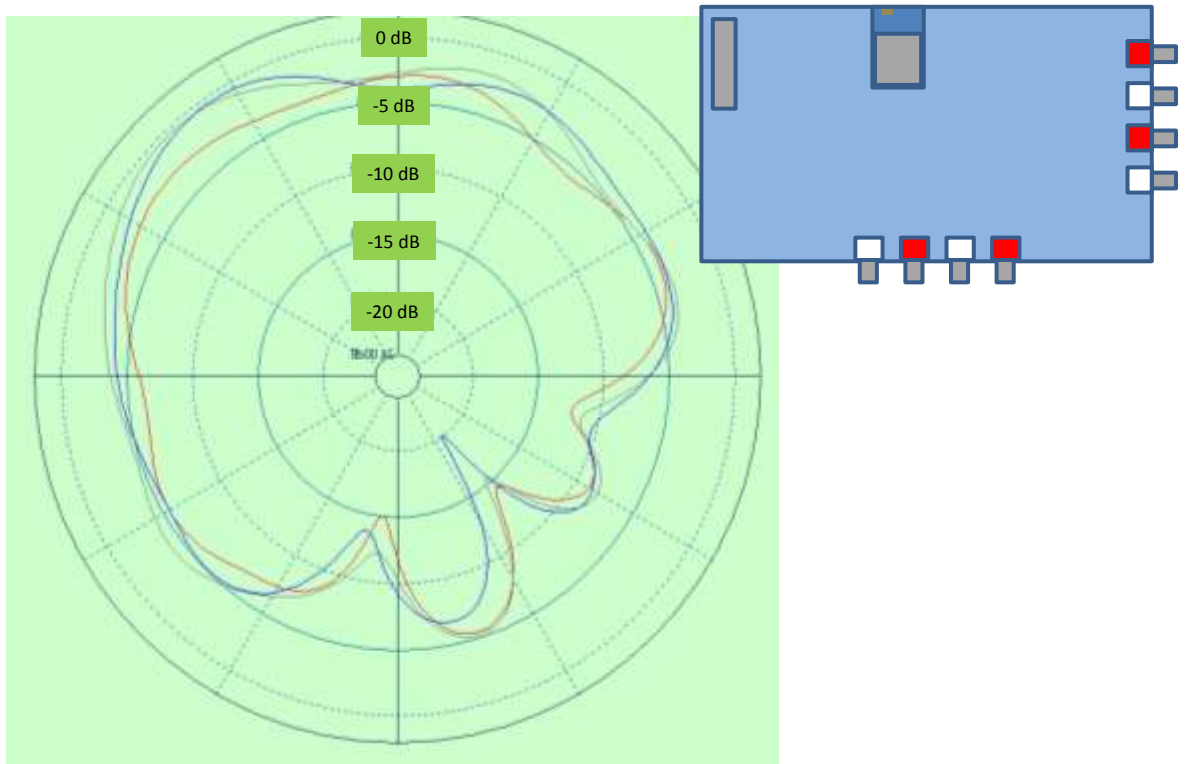


Figure 5: Top view radiation pattern of DKWT32i

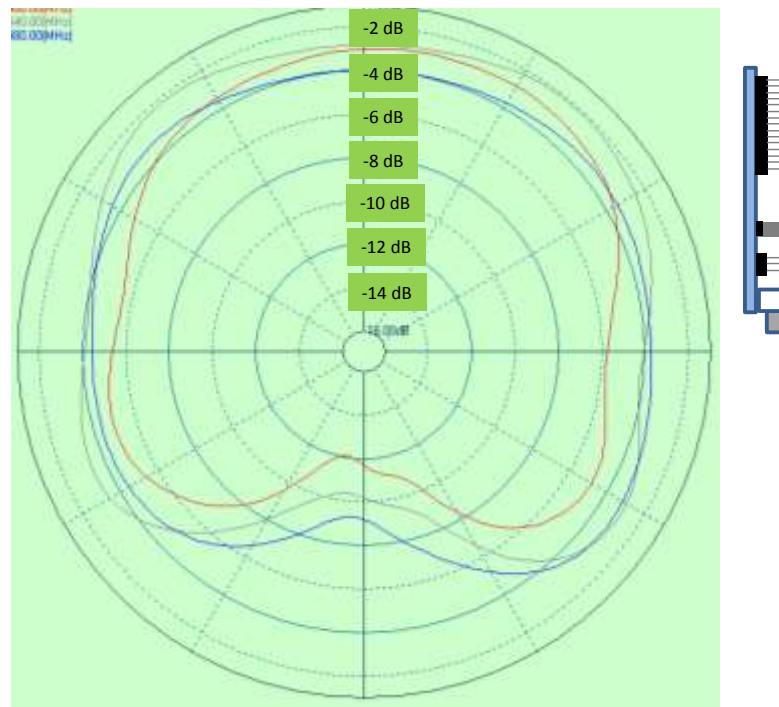


Figure 6: Side view radiation pattern of DKWT32i

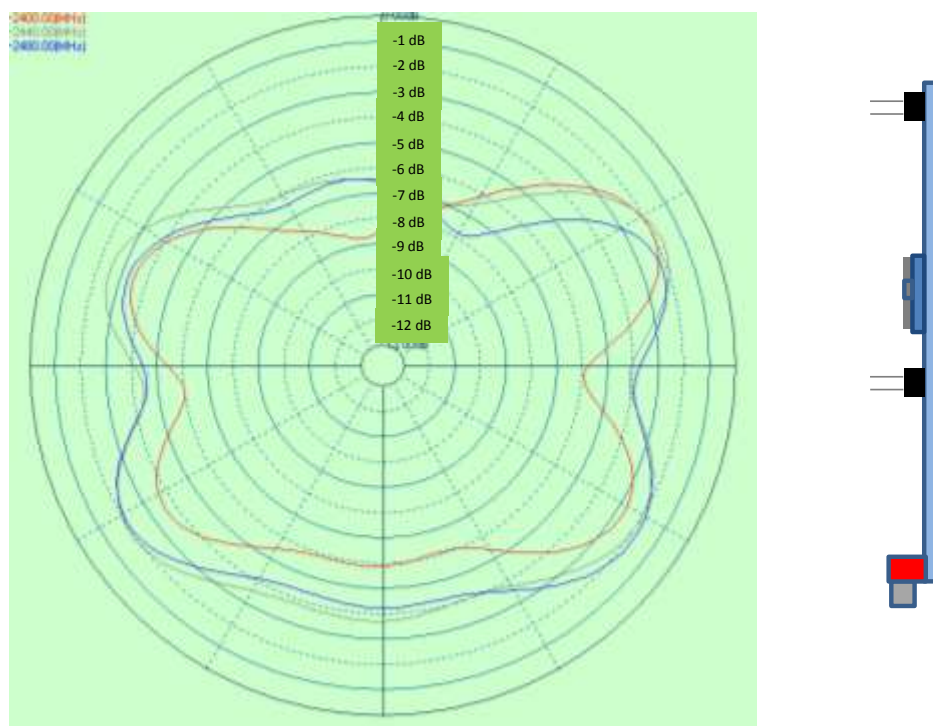


Figure 7: Front view radiation pattern