

11.13.4 Transmitter specification

Symbol	Description	Min.	Typ.	Max.	Units
$P_{RF,QFN}$	Maximum output power for QFN package		7		dBm
$P_{RF,CSP}$	Maximum output power for CSP package		8		dBm
P_{RFCR}	RF power accuracy	-2		2	dB
$P_{RF1,BLE1M,2MHZ}$	Adjacent Channel Transmit Power 2 MHz (1 Mbps Bluetooth LE mode)		-48		dBc
$P_{RF1,BLE1M,3MHZ}$	Adjacent Channel Transmit Power 3 MHz (1 Mbps Bluetooth LE mode)		-54		dBc
$P_{RF1,BLE2M,4MHZ}$	Adjacent Channel Transmit Power 4 MHz (2 Mbps Bluetooth LE mode)		-51		dBc
$P_{RF1,BLE2M,6MHZ}$	Adjacent Channel Transmit Power 6 MHz (2 Mbps Bluetooth LE mode)		-56		dBc
E_{vm}	Error vector magnitude in IEEE 802.15.4 mode		2		%rms
$P_{harm2nd, IEEE 802.15.4}$	2nd harmonics in IEEE 802.15.4 mode		-63		dBm
$P_{harm3rd, IEEE 802.15.4}$	3rd harmonics in IEEE 802.15.4 mode		-68		dBm

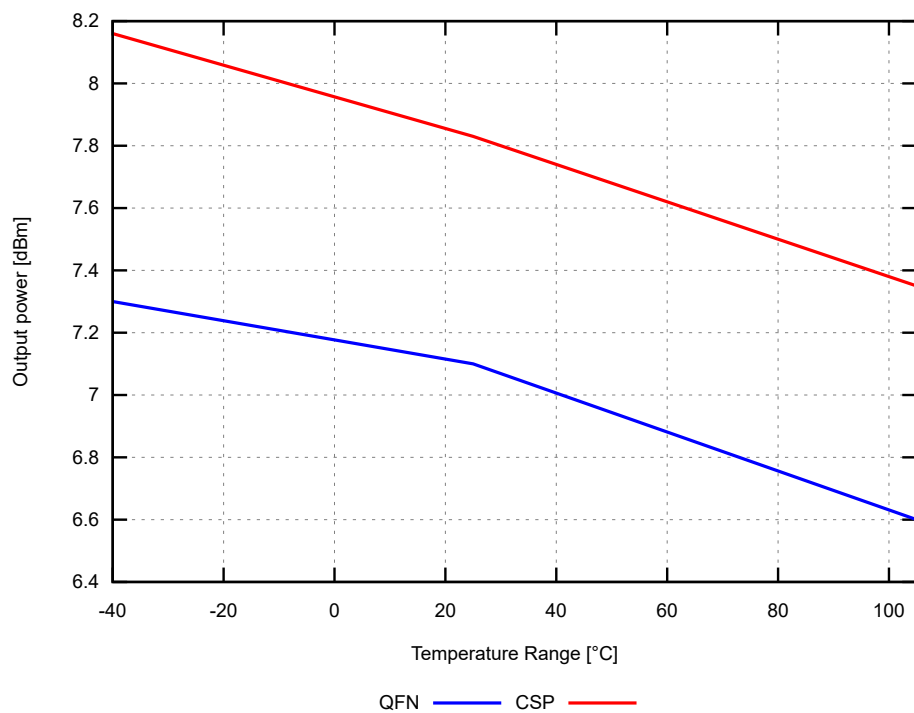


Figure 190: Output power, 1 Mbps Bluetooth low energy mode, at maximum TXPOWER setting (typical values)