

USA FCC Standalone MPE

FCC 1.1310

			Antenna		EIRP	EIRP	Distance D	PD	Limit	Margin
	Frequency	Power	Gain	EIRP						
	MHz	dBm	dBi	dBm	mW	cm	mW/m ²	mW/cm ²	dB	
2.4 GHz	2437	21.75	14	35.75	3758	35	0.24	1.00	6.12	
U-NII-1	5240	14.24	9.2	23.44	221	35	0.014	1.00	18.4	
U-NII-2A	5260	11.44	9.2	20.64	116	35	0.0075	1.00	21.2	
U-NII-2C	5580	12.73	9.2	21.93	156	35	0.010	1.00	19.9	
U-NII-3	5785	14.46	9.2	23.66	232	35	0.015	1.00	18.2	

PD=EIRP/(4xπxD²)

Canada ISED Standalone MPE

CANADA RSS-102 30 MHz to 6 GHz

			Antenna		EIRP	EIRP	Distance D	PD	PD	Limit	Margin
	Frequency	Power	Gain	EIRP							
	MHz	dBm	dBi	dBm	mW	cm	mW/m ²	W/m ²	PD W/m ²	dB	
2.4 GHz	2437	21.75	14	35.75	3758	35	0.24	2.4	5.40	3.45	
U-NII-1	5240	14.24	6	20.24	106	35	0.0069	0.069	9.12	21.2	
U-NII-2A	5320	11.40	6	17.40	55	35	0.0036	0.036	9.21	24.1	
U-NII-2C	5580	12.73	6	18.73	75	35	0.0048	0.048	9.52	22.9	
U-NII-3	5785	14.46	6	20.46	111	35	0.0072	0.072	9.76	21.3	

PD=EIRP/(4xπxD²)

USA FCC Co-location with FCC ID: N7NMC7355

NOTE: WWAN PD @ 35 cm = WWAN PD @ 20 cm X (20 / 35)²

	WLAN PD	WLAN Limit	850 MHz WWAN PD @ 35 cm*		WLAN / Limit	WWAN / Limit	WLAN + WWAN	Limit	Pass / Fail
			mW/m ²	mW/m ²					
2.4 GHz	0.24	1.00	0.24	0.065	0.549	0.12	0.36	1	Pass
U-NII-1	0.014	1.00	0.014	0.065	0.549	0.12	0.13	1	Pass
U-NII-2A	0.0075	1.00	0.0075	0.065	0.549	0.12	0.13	1	Pass
U-NII-2C	0.010	1.00	0.010	0.065	0.549	0.12	0.13	1	Pass
U-NII-3	0.015	1.00	0.015	0.065	0.549	0.12	0.13	1	Pass

	WLAN PD	WLAN Limit	1900 MHz WWAN PD @ 35 cm		WLAN / Limit	WWAN / Limit	WLAN + WWAN	Limit	Pass / Fail
			mW/m ²	mW/m ²					
2.4 GHz	0.24	1.00	0.24	0.041	1.00	0.041	0.29	1	Pass
U-NII-1	0.014	1.00	0.014	0.041	1.00	0.041	0.055	1	Pass
U-NII-2A	0.0075	1.00	0.0075	0.041	1.00	0.041	0.049	1	Pass
U-NII-2C	0.010	1.00	0.010	0.041	1.00	0.041	0.051	1	Pass
U-NII-3	0.015	1.00	0.015	0.041	1.00	0.041	0.056	1	Pass

	WLAN PD	WLAN Limit	700 MHz WWAN PD @ 35 cm		WLAN / Limit	WWAN / Limit	WLAN + WWAN	Limit	Pass / Fail
			mW/m ²	mW/m ²					
2.4 GHz	0.24	1.00	0.24	0.065	0.469	0.14	0.38	1	Pass
U-NII-1	0.014	1.00	0.014	0.065	0.469	0.14	0.15	1	Pass
U-NII-2A	0.0075	1.00	0.0075	0.065	0.469	0.14	0.15	1	Pass
U-NII-2C	0.010	1.00	0.010	0.065	0.469	0.14	0.15	1	Pass
U-NII-3	0.015	1.00	0.015	0.065	0.469	0.14	0.15	1	Pass

	WLAN PD	WLAN Limit	1700 MHz WWAN PD @ 35 cm		WLAN / Limit	WWAN / Limit	WLAN + WWAN	Limit	Pass / Fail
			mW/m ²	mW/m ²					
2.4 GHz	0.24	1.00	0.24	0.065	1.00	0.065	0.31	1	Pass
U-NII-1	0.014	1.00	0.014	0.065	1.00	0.065	0.079	1	Pass
U-NII-2A	0.0075	1.00	0.0075	0.065	1.00	0.065	0.073	1	Pass
U-NII-2C	0.010	1.00	0.010	0.065	1.00	0.065	0.075	1	Pass
U-NII-3	0.015	1.00	0.015	0.065	1.00	0.065	0.080	1	Pass

Canada ISED Co-location with IC: 2417C-MC7355

NOTE: WWAN PD @ 35 cm = [WWAN PD @ 20 cm X (20 / 35)²] X 10

	WLAN PD	WLAN Limit	850 MHz WWAN PD @ 35 cm		WLAN / Limit	WWAN / Limit	WLAN + WWAN	Limit	Pass / Fail
			W/m ²	W/m ²					
2.4 GHz	2.4	5.40	0.45	0.65	2.58	0.25	0.70	1	Pass
U-NII-1	0.069	9.12	0.0075	0.65	2.58	0.25	0.26	1	Pass
U-NII-2A	0.036	9.21	0.0039	0.65	2.58	0.25	0.25	1	Pass
U-NII-2C	0.048	9.52	0.0051	0.65	2.58	0.25	0.26	1	Pass
U-NII-3	0.072	9.76	0.0074	0.65	2.58	0.25	0.26	1	Pass

	WLAN PD	WLAN Limit	1900 MHz WWAN PD @ 35 cm		WLAN / Limit	WWAN / Limit	WLAN + WWAN	Limit	Pass / Fail
			W/m ²	W/m ²					

2.4 GHz	2.4	5.40	0.45	0.41	4.48	0.09	0.54	1	Pass
U-NII-1	0.069	9.12	0.0075	0.41	4.48	0.09	0.10	1	Pass
U-NII-2A	0.036	9.21	0.0039	0.41	4.48	0.09	0.10	1	Pass
U-NII-2C	0.048	9.52	0.0051	0.41	4.48	0.09	0.10	1	Pass
U-NII-3	0.072	9.76	0.0074	0.41	4.48	0.09	0.10	1	Pass

700 MHz
WWAN PD

	WLAN PD	WLAN Limit	WLAN / Limit	WWAN PD @ 35 cm	WWAN Limit	WWAN / Limit	WLAN + WWAN	Limit	Pass / Fail
2.4 GHz	2.4	5.40	0.45	0.65	2.31	0.28	0.73	1	Pass
U-NII-1	0.069	9.12	0.0075	0.65	2.31	0.28	0.29	1	Pass
U-NII-2A	0.036	9.21	0.0039	0.65	2.31	0.28	0.28	1	Pass
U-NII-2C	0.048	9.52	0.0051	0.65	2.31	0.28	0.29	1	Pass
U-NII-3	0.072	9.76	0.0074	0.65	2.31	0.28	0.29	1	Pass

1700 MHz
WWAN PD

	WLAN PD	WLAN Limit	WLAN / Limit	WWAN PD @ 35 cm	WWAN Limit	WWAN / Limit	WLAN + WWAN	Limit	Pass / Fail
2.4 GHz	2.4	5.40	0.45	0.65	4.24	0.15	0.60	1	Pass
U-NII-1	0.069	9.12	0.0075	0.65	4.24	0.15	0.16	1	Pass
U-NII-2A	0.036	9.21	0.00387	0.65	4.24	0.15	0.16	1	Pass
U-NII-2C	0.048	9.52	0.0051	0.65	4.24	0.15	0.16	1	Pass
U-NII-3	0.072	9.76	0.0074	0.65	4.24	0.15	0.16	1	Pass