

Appendix B. Maximum e.i.r.p. at any elevation angle above 30 degrees

1. Maximum e.i.r.p. at any elevation angle above 30 degrees

<Internal Antenna>

Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Elevation angle above 30° Max Turn	Elevation angle above 30° Max Horn	Elevation angle above 30° Max EIRP	EIRP Power Limit (dBm)	Test Result
					Table	height	Max EIRP		
					(°)	(cm)	(dBm) Total		
5180MHz	OFDM	Ch36	6Mbps	15 / 17	309	165	8.08	21	Complies
5200MHz	OFDM	Ch40	6Mbps	23 / 21	276	162	9.83	21	Complies
5240MHz	OFDM	Ch48	6Mbps	20 / 15	4	146	9.58	21	Complies
5180MHz	VHT20	Ch36	MCS0-Nss1	12/16	339	164	3.69	21	Complies
5200MHz	VHT20	Ch40	MCS0-Nss1	6/7	69	162	2.25	21	Complies
5240MHz	VHT20	Ch48	MCS0-Nss1	23 / 17	156	165	11.32	21	Complies
5190MHz	VHT40	Ch38	MCS0-Nss1	15 / 18	193	164	3.01	21	Complies
5230MHz	VHT40	Ch46	MCS0-Nss1	10/15	156	184	5.96	21	Complies
5210MHz	VHT80	Ch42	MCS0-Nss1	14/14	159	154	5.24	21	Complies

<External Antenna>

Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Elevation angle above 30° Max Turn	Elevation angle above 30° Max Horn	Elevation angle above 30° Max EIRP	EIRP Power Limit (dBm)	Test Result
					Table	height	Max EIRP		
					(°)	(cm)	(dBm) Total		
5180MHz	OFDM	Ch36	6Mbps	15 / 17	57	183	7.98	21	Complies
5200MHz	OFDM	Ch40	6Mbps	23 / 21	286	180	9.05	21	Complies
5240MHz	OFDM	Ch48	6Mbps	20 / 15	385	175	9.35	21	Complies
5180MHz	VHT20	Ch36	MCS0-Nss1	12/16	39	186	3.56	21	Complies
5200MHz	VHT20	Ch40	MCS0-Nss1	6/7	315	179	3.25	21	Complies
5240MHz	VHT20	Ch48	MCS0-Nss1	23 / 17	283	193	12.45	21	Complies
5190MHz	VHT40	Ch38	MCS0-Nss1	15 / 18	258	190	5.35	21	Complies
5230MHz	VHT40	Ch46	MCS0-Nss1	10/15	178	186	6.08	21	Complies
5210MHz	VHT80	Ch42	MCS0-Nss1	14 / 14	172	177	6.35	21	Complies