

Appendix C. 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

Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Elevation	Elevation	Elevation	EIRP Power Limit (dBm)	Test Result
					angle above 30° Max Turn	angle above 30° Max Horn height	angle above 30° Max EIRP		
					Table (°)	(cm)	(dBm) Total		
5180MHz	OFDM	Ch36	6Mbps	19.5	344.9	1.36	20.62	21.00	Complies
5200MHz	OFDM	Ch40	6Mbps	19.5	346.1	1.65	20.90	21.00	Complies
5240MHz	OFDM	Ch48	6Mbps	19.5	346.1	1.64	20.74	21.00	Complies
5180MHz	VHT20	Ch36	MCS0-Nss1	19.5	344.4	1.36	20.81	21.00	Complies
5200MHz	VHT20	Ch40	MCS0-Nss1	19.5	347.5	1.61	20.78	21.00	Complies
5240MHz	VHT20	Ch48	MCS0-Nss1	19.5	345.3	1.62	20.68	21.00	Complies
5190MHz	VHT40	Ch38	MCS0-Nss1	17	343.2	1.66	17.65	21.00	Complies
5230MHz	VHT40	Ch46	MCS0-Nss1	20	345.6	1.64	20.72	21.00	Complies
5210MHz	VHT80	Ch42	MCS0-Nss1	15.5	343.4	1.66	15.78	21.00	Complies

Mode	11A CH36	Setting	19.5
Horn	Vertical	Horizontal	
EUT	Z		
Horn height (cm)	1.47	1.36	
Turn Table (°)	226.6	21.6	
EIRP Power (dBm)	18.44	20.94	
Horn	Horizontal		
EUT	Z		
Horn height (cm)	1.36		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
21.6	20.94	21.6	20.94
Turn Table (°) 範圍	MaxTurn Table (°) 344.9		
51.6~351.6	20.62		
Horn	Vertical		
EUT	Z		
Horn height (cm)	1.47		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
226.6	18.44	226.6	18.44
Turn Table (°) 範圍	MaxTurn Table (°) 256.6		
0~196.6&256.6~360	14.77		

Mode	11A CH40	Setting	19.5
Horn	Vertical	Horizontal	
EUT	Z		
Horn height (cm)	1.46	1.65	
Turn Table (°)	227.5	22.9	
EIRP Power (dBm)	18.26	21.24	
Horn	Horizontal		
EUT	Z		
Horn height (cm)	1.65		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
22.9	21.24	22.9	21.24
Turn Table (°) 範圍	MaxTurn Table (°) 346.1		
52.9~352.9	20.9		
Horn	Vertical		
EUT	Z		
Horn height (cm)	1.46		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
227.5	18.26	227.5	18.26
Turn Table (°) 範圍	MaxTurn Table (°) 197.5		
0~197.5&257.5~360	13.92		

Mode	11A CH48	Setting	19.5
Horn	Vertical	Horizontal	
EUT	Z		
Horn height (cm)	1.43	1.64	
Turn Table (°)	227	25.2	
EIRP Power (dBm)	18.01	20.86	
Horizontal			
Horn	Horizontal		
EUT	Z		
Horn height (cm)	1.64		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
25.2	20.86	25.2	20.86
Turn Table (°) 範圍	MaxTurn Table (°) 346.1		
55.2~355.2	20.74		
Vertical			
Horn	Vertical		
EUT	Z		
Horn height (cm)	1.43		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
227	18.01	227	18.01
Turn Table (°) 範圍	MaxTurn Table (°) 197		
0~197&257~360	14.34		

Mode	11AC20 CH36	Setting	19.5	
Horn	Vertical	Horizontal		
EUT	Z			
Horn height (cm)	1.49	1.36		
Turn Table (°)	227	21.3		
EIRP Power (dBm)	18.62	21.04		
Horn	Horizontal			
EUT	Z			
Horn height (cm)	1.36			
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)		EIRP Power (dBm)
21.3	21.04	21.3		21.04
Turn Table (°) 範囲	MaxTurn Table (°) 344.4			
51.3~351.3	20.81			
Horn	Vertical			
EUT	Z			
Horn height (cm)	1.49			
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)		EIRP Power (dBm)
227	18.62	227		18.62
Turn Table (°) 範囲	MaxTurn Table (°) 257			
0~197&257~360	14.87			

Mode	11AC20 CH40		Setting	19.5
Horn	Vertical		Horizontal	
EUT	Z			
Horn height (cm)	1.46	1.61		
Turn Table (°)	227.2	20.7		
EIRP Power (dBm)	18.05	21.18		
Horn	Horizontal			
EUT	Z			
Horn height (cm)	1.61			
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)	
20.7	21.18	20.7	21.18	
Turn Table (°) 範囲	MaxTurn Table (°) 347.5			
50.7~350.7	20.78			
Horn	Vertical			
EUT	Z			
Horn height (cm)	1.46			
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)	
227.2	18.05	227.2	18.05	
Turn Table (°) 範囲	MaxTurn Table (°) 197.2			
0~197.2&257.2~360	13.75			

Mode	11AC20 CH48		Setting	19.5
Horn	Vertical	Horizontal		
EUT	Z			
Horn height (cm)	1.44	1.62		
Turn Table (°)	226.4	24.3		
EIRP Power (dBm)	18.24	21.17		
Horn				
Horizontal				
EUT	Z			
Horn height (cm)	1.62			
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)	
24.3	21.17	24.3	21.17	
Turn Table (°) 範囲	MaxTurn Table (°) 345.3			
54.3~354.3	20.68			
Horn				
Vertical				
EUT	Z			
Horn height (cm)	1.44			
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)	
226.4	18.24	226.4	18.24	
Turn Table (°) 範囲	MaxTurn Table (°) 256.4			
0~196.4&256.4~360	15.09			

Mode	11AC40 CH38	Setting	17
Horn	Vertical	Horizontal	
EUT	Z		
Horn height (cm)	1.47	1.66	
Turn Table (°)	227.2	24.3	
EIRP Power (dBm)	17.85	17.8	
Horn	Horizontal		
EUT	Z		
Horn height (cm)	1.66		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
24.3	17.8	24.3	17.8
Turn Table (°) 範圍	MaxTurn Table (°)343.2		
54.3~354.3	17.65		
Horn	Vertical		
EUT	Z		
Horn height (cm)	1.47		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
227.2	17.8	227.2	17.8
Turn Table (°) 範圍	MaxTurn Table (°)		
0~197.2&257.2~360	14.35		

Mode	11AC40 CH46	Setting	20
Horn	Vertical	Horizontal	
EUT	Z		
Horn height (cm)	1.44	1.64	
Turn Table (°)	226.3	25.6	
EIRP Power (dBm)	17.89	20.83	
Horn	Horizontal		
EUT	Z		
Horn height (cm)	1.64		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
25.6	20.83	25.6	20.83
Turn Table (°) 範圍	MaxTurn Table (°)345.6		
55.6~355.6	20.72		
Horn	Vertical		
EUT	Z		
Horn height (cm)	1.44		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
226.3	17.89	226.3	17.89
Turn Table (°) 範圍	MaxTurn Table (°)256.3		
0~196.3&256.3~360	14.65		

Mode	11AC80 CH42	Setting	15.5
Horn	Vertical	Horizontal	
EUT	Z		
Horn height (cm)	1.45	1.66	
Turn Table (°)	227.1	24.4	
EIRP Power (dBm)	13.32	15.95	
Horn	Horizontal		
EUT	Z		
Horn height (cm)	1.66		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
24.4	15.95	24.4	15.95
Turn Table (°) 範圍	MaxTurn Table (°)343.4		
54.4~354.4	15.78		
Horn	Vertical		
EUT	Z		
Horn height (cm)	1.45		
Turn Table (°)	EIRP Power (dBm)	Turn Table (°)	EIRP Power (dBm)
227.1	13.32	227.1	13.32
Turn Table (°) 範圍	MaxTurn Table (°)257.1		
0~197.1&257.1~360	9.3		