

RF TX/RX performance table

SonicPoint ACe				
	Radio 1		Radio 2	
	2.4 GHz		5 GHz	
	Tx Power	Rx Sensitivity	Tx Power	Rx Sensitivity
	(dBm)	(dBm)	(dBm)	(dBm)
802.11b				
1 Mbps	20	-92	-	-
2 Mbps	20	-91	-	-
5 Mbps	20	-91	-	-
11 Mbps	20	-86	-	-
802.11a/g				
6 Mbps	20	-85	20	-89
9 Mbps	20	-83	20	-89
12 Mbps	20	-83	20	-88
18 Mbps	20	-83	20	-85
24 Mbps	20	-83	20	-82
36 Mbps	20	-79	20	-78
48 Mbps	19	-75	20	-74
54 Mbps	18	-70	20	-72
802.11n HT20				
MSC 0/8/16	20	-85	20	-89
MSC 1/9/17	20	-85	20	-86
MSC 2/10/18	20	-85	20	-84
MSC 3/11/19	20	-81	20	-79
MSC 4/12/20	19	-77	20	-76
MSC 5/13/21	19	-73	20	-72
MSC 6/14/22	18	-73	20	-70
MSC 7/15/23	18	-69	20	-69
802.11n HT40				
MSC 0/8/16	20	-83	20	-86
MSC 1/9/17	20	-83	20	-83
MSC 2/10/18	20	-83	20	-81
MSC 3/11/19	20	-79	20	-76
MSC 4/12/20	19	-75	20	-73
MSC 5/13/21	19	-71	20	-69
MSC 6/14/22	18	-69	20	-68
MSC 7/15/23	18	-65	20	-66

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	Radio 1		Radio 2	
	2.4 GHz		5 GHz	
	Tx Power	Rx Sensitivity	Tx Power	Rx Sensitivity
	(dBm)	(dBm)	(dBm)	(dBm)
802.11ac VHT20				
MSC 0 1SS/2SS/3SS	-	-	20	-89
MSC 1 1SS/2SS/3SS	-	-	20	-86
MSC 2 1SS/2SS/3SS	-	-	20	-84
MSC 3 1SS/2SS/3SS	-	-	20	-79
MSC 4 1SS/2SS/3SS	-	-	20	-76
MSC 5 1SS/2SS/3SS	-	-	20	-72
MSC 6 1SS/2SS/3SS	-	-	20	-70
MSC 7 1SS/2SS/3SS	-	-	20	-68
MSC 8 1SS/2SS/3SS	-	-	18	-64
802.11ac VHT40				
MSC 0 1SS/2SS/3SS	-	-	20	-86
MSC 1 1SS/2SS/3SS	-	-	20	-83
MSC 2 1SS/2SS/3SS	-	-	20	-81
MSC 3 1SS/2SS/3SS	-	-	20	-76
MSC 4 1SS/2SS/3SS	-	-	20	-73
MSC 5 1SS/2SS/3SS	-	-	20	-69
MSC 6 1SS/2SS/3SS	-	-	20	-67
MSC 7 1SS/2SS/3SS	-	-	20	-66
MSC 8 1SS/2SS/3SS	-	-	18	-62
MSC 9 1SS/2SS/3SS	-	-	18	-60
802.11ac VHT80				
MSC 0 1SS/2SS/3SS	-	-	20	-83
MSC 1 1SS/2SS/3SS	-	-	20	-80
MSC 2 1SS/2SS/3SS	-	-	20	-77
MSC 3 1SS/2SS/3SS	-	-	20	-73
MSC 4 1SS/2SS/3SS	-	-	20	-70
MSC 5 1SS/2SS/3SS	-	-	20	-66
MSC 6 1SS/2SS/3SS	-	-	20	-64
MSC 7 1SS/2SS/3SS	-	-	20	-63
MSC 8 1SS/2SS/3SS	-	-	18	-58
MSC 9 1SS/2SS/3SS	-	-	18	-56