This information provided here is of a generic nature for this card and actual features/results may differ. This depends on configurations, antennas, driver/firmware, and OS. New GPL firmware and drivers are available for free software operating systems such as Linux and Linux-libre. The new drivers and firmware add features and may improve results in some cases. Antennas are required and may need to be purchased separately.

Wireless Chip			CA	RMATION				
Wireless Chipset				Atheros AR9170 with DFS SUPPOR				
ladio Operat	ion					IEE	E 802.11a/b/g/	
Interface							USB 2	
Operation Vo							5.0VD	
Antenna Port					(2)	MMCX for 2x2	MIMO Operation	
Temperature	Range						-20C to +70	
Security				i with AES-CCM &				
Data Rates				Legacy 802.1	1a/b/g (1-54M	bps), 802.11n	(up to 300Mbp	
RoHS Compli	ance						YE	
			REGUL	NFORMATION				
Wireless Mod	ular Approvals	;			FCC , Industr	y Canada, CE	(100mW limite	
2.44			DPERATING FR	2412MHz-2462	Miz		ana a	
2.40	SHz TX POWE					PECIFICATION	JNS	
11b/g	DataRate	Avg. TX	Tolerance		DataRate	Sensitivity	Tolerance	
	1-24Mbps	24 dBm	+/-2dB	6	1-24Mbps	-97 dBm	+/-3dB	
	36Mbps	22 dBm	+/-2dB	11b/g	36Mbps	-90 dBm	+/-3dB	
	48Mbps	20 dBm	+/-2dB	7	48Mbps	-86 dBm	+/-3dB	
	54Mbps	19 dBm	+/-2dB		54Mbps	-84 dBm	+/-3dB	
	MCSO	24 dBm	+/-2dB	-	MCS0	-97 dBm	+/-3dB	
	MCS0	24 dBm 24 dBm	+/-2dB +/-2dB		MCS1	-97 dBm -96 dBm	+/-3dB +/-3dB	
	MCS1 MCS2	24 dBm 24 dBm	+/-2dB +/-2dB		MCS1 MCS2	-96 dBm -93 dBm	+/-3dB +/-3dB	
	MCS2 MCS3	22 dBm	+/-2dB +/-2dB		MCS2 MCS3	-93 dBm	+/-3dB +/-3dB	
6	MCS4	22 dBm	+/-2dB +/-2dB		MCS4	-91 dBm	+/-3dB +/-3dB	
2	MCS5	22 dBm	+/-2dB	8	MCS5	-84 dBm	+/-3dB	
2.4GHz 11n HT20	MCS6	18 dBm	+/-2dB +/-2dB	2.4GHz 11n HT20	MCS6	-78 dBm	+/-3dB	
	MCS7	15 dBm	+/-2dB +/-2dB		MCS7	-75 dBm	+/-3dB	
	MCS8	24 dBm	+/-2dB +/-2dB	7	MCS8	-96 dBm	+/-3dB	
7	MCS9	24 dBm	+/-2dB	ļ Ņ	MCS9	-94 dBm	+/-3dB	
2.4GF	MCS10	22 dBm	+/-2dB +/-2dB	5	MCS10	-91 dBm	+/-3dB	
	MCS11	20 dBm	+/-2dB	4.	MCS11	-88 dBm	+/-3dB	
	MCS12	20 dBm	+/-2dB +/-2dB	''	MCS12	-85 dBm	+/-3dB	
	MCS13	17 dBm	+/-2dB		MCS13	-80 dBm	+/-3dB	
	MCS14	17 dBm	+/-2dB		MCS14	-79 dBm	+/-3dB	
	MCS15	15 dBm	+/-2dB		MCS15	-76 dBm	+/-3dB	
			1.7 ===				17	
		0	PERATING FRE	5745MHz-582	5MHz			
			TIONS		5GHz RX SE	PECIFICATIO	NS	
5Gi	Hz TX POWE	R SPECIFICA	110113		JULIE IXX DI	ECTI TCA ITO		
5G	DataRate	Avg. TX	Tolerance		DataRate	Sensitivity	Tolerance	
5G			Tolerance +/-2dB					
	DataRate 1-24Mbps 36Mbps	Avg. TX 20 dBm 18 dBm	Tolerance +/-2dB +/-2dB	la la	DataRate 1-24Mbps 36Mbps	Sensitivity -96 dBm -95 dBm	Tolerance +/-3dB +/-3dB	
11 a	DataRate 1-24Mbps	Avg. TX 20 dBm	Tolerance +/-2dB	11a	DataRate 1-24Mbps	Sensitivity -96 dBm	Tolerance +/-3dB +/-3dB +/-3dB	
	DataRate 1-24Mbps 36Mbps	Avg. TX 20 dBm 18 dBm	Tolerance +/-2dB +/-2dB	11a	DataRate 1-24Mbps 36Mbps	Sensitivity -96 dBm -95 dBm	Tolerance +/-3dB +/-3dB	
	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB	
	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -96 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB	119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -96 dBm -95 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -96 dBm -95 dBm -95 dBm -92 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -96 dBm -95 dBm -95 dBm -92 dBm -90 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -96 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -96 dBm -92 dBm -95 dBm -98 dBm -98 dBm -98 dBm -98 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 18 dBm 18 dBm 18 dBm 18 dBm 18 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -96 dBm -95 dBm -96 dBm -95 dBm -98 dBm -97 dBm -86 dBm -81 dBm -83 dBm -77 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm 18 dBm 11 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -96 dBm -95 dBm -96 dBm -95 dBm -97 dBm -86 dBm -83 dBm -77 dBm -74 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm 18 dBm 11 dBm 20 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -96 dBm -95 dBm -95 dBm -95 dBm -97 dBm -86 dBm -86 dBm -77 dBm -74 dBm -95 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm 11 dBm 11 dBm 20 dBm	Tolerance +/-2dB	5GHz 11n 11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9	Sensitivity -96 dBm -95 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm -86 dBm -71 dBm -74 dBm -95 dBm -93 dBm	Tolerance +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 11 dBm 13 dBm 11 dBm 20 dBm 20 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10	Sensitivity -96 dBm -95 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -95 dBm -95 dBm -99 dBm	Tolerance +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm 11 dBm 11 dBm 20 dBm 11 dBm 12 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11	Sensitivity -96 dBm -95 dBm -91 dBm -91 dBm -95 dBm -95 dBm -92 dBm -90 dBm -90 dBm -77 dBm -74 dBm -95 dBm -95 dBm -97 dBm -78 dBm -97 dBm -98 dBm -98 dBm	Tolerance +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm 11 dBm 11 dBm 20 dBm 11 dBm 11 dBm 12 dBm 16 dBm 16 dBm 16 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12	Sensitivity -96 dBm -95 dBm -91 dBm -91 dBm -96 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -95 dBm -95 dBm -95 dBm -95 dBm -98 dBm -98 dBm	Tolerance +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm 11 dBm 11 dBm 20 dBm 11 dBm 11 dBm 11 dBm 11 dBm 12 dBm 13 dBm 11 dBm 13 dBm 11 dBm 13 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13	Sensitivity -96 dBm -95 dBm -91 dBm -91 dBm -96 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -93 dBm -93 dBm -93 dBm -93 dBm -97 dBm -98 dBm -99 dBm -99 dBm	Tolerance +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 11 dBm 13 dBm 11 dBm 20 dBm 11 dBm 11 dBm 20 dBm 11 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -95 dBm -95 dBm -95 dBm -95 dBm -95 dBm -97 dBm -77 dBm -77 dBm -77 dBm -77 dBm	Tolerance +/-3dB	
11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 11 dBm 13 dBm 11 dBm 20 dBm 11 dBm 21 dBm 11 dBm 12 dBm 11 dBm	Tolerance +/-2dB	5GHz 11n	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14 MCS15	Sensitivity -96 dBm -95 dBm -91 dBm -91 dBm -96 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -93 dBm -93 dBm -93 dBm -93 dBm -97 dBm -98 dBm -99 dBm -99 dBm	Tolerance +/-3dB	
5GHz 11n 11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14 MCS12	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 18 dBm 18 dBm 11 dBm 12 dBm 13 dBm 11 dBm 20 dBm 11 dBm	Tolerance +/-2dB	PTION INFORMA	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14 MCS15 MCS15 MCS15 MCS15 MCS15	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -96 dBm -97 dBm -86 dBm -83 dBm -77 dBm -74 dBm -95 dBm -90 dBm -93 dBm -90 dBm -90 dBm -91 dBm -71 dBm -71 dBm -71 dBm	Tolerance +/-3dB	
3 SGHz 11n 11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS11 MCS12 MCS12 MCS13 MCS12 MCS13 MCS14 MCS15	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 18 dBm 18 dBm 18 dBm 18 dBm 18 dBm 11 dBm 20 dBm 11 dBm 21 dBm 11 dBm 12 dBm 11 dBm	Tolerance +/-2dB -/-2dB	PTION INFORMA	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS11 MCS11 MCS12 MCS12 MCS13 MCS14 MCS15	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -95 dBm -96 dBm -86 dBm -86 dBm -77 dBm -74 dBm -95 dBm -75 dBm -75 dBm	Tolerance +/-3dB	
2GHz 11n 11a 2GHz 11n 11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS12 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14 MCS15 6Mbps 0.75A	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 18 dBm 18 dBm 18 dBm 18 dBm 11 dBm 20 dBm 11 dBm 21 dBm 21 dBm 22 dBm 23 dBm 24 dBm 25 dBm 26 dBm 26 dBm 27 dBm 28 dBm 29 dBm 20 dBm 2	Tolerance +/-2dB -/-2dB	PTION INFORMA MODE 100% TX	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS12 MCS13 MCS14 MCS15 MCS14 MCS15	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -96 dBm -95 dBm -95 dBm -92 dBm -92 dBm -93 dBm -74 dBm -74 dBm -95 dBm -95 dBm -75 dBm -75 dBm -77 dBm	Tolerance +/-3dB	
PGHZ 1110  SGHZ 1110  TX  Real-World*	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS11 MCS12 MCS12 MCS13 MCS14 MCS12 MCS13 MCS14 MCS15 6Mbps 0.75A 0.55A	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm 18 dBm 18 dBm 11 dBm	Tolerance +/-2dB -/-2dB	PTION INFORMA MODE 100% TX Strength	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14 MCS13 MCS14 MCS15	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -92 dBm -92 dBm -93 dBm -74 dBm -74 dBm -95 dBm -95 dBm -75 dBm -75 dBm -77 dBm	Tolerance +/-3dB -/-3dB	
3 SGHz 11n 11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS12 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14 MCS15 6Mbps 0.75A	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 18 dBm 18 dBm 18 dBm 18 dBm 11 dBm 20 dBm 11 dBm 21 dBm 21 dBm 22 dBm 23 dBm 24 dBm 25 dBm 26 dBm 26 dBm 27 dBm 28 dBm 29 dBm 20 dBm 2	Tolerance +/-2dB -/-2dB	PTION INFORMA MODE 100% TX Strength Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS12 MCS13 MCS14 MCS15 MCS14 MCS15	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -96 dBm -95 dBm -95 dBm -92 dBm -92 dBm -93 dBm -74 dBm -74 dBm -95 dBm -95 dBm -75 dBm -75 dBm -77 dBm	Tolerance +/-3dB	
PGHZ 1110  SGHZ 1110  TX  Real-World*	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS11 MCS12 MCS12 MCS13 MCS14 MCS12 MCS13 MCS14 MCS15 6Mbps 0.75A 0.55A	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm 18 dBm 18 dBm 11 dBm	Tolerance +/-2dB -/-2dB	PTION INFORMA MODE 100% TX Strength Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14 MCS15 MCS14 MCS15 MCS14 MCS15 MCS1 MCS1 MCS1 MCS1 MCS1	Sensitivity -96 dBm -95 dBm -91 dBm -91 dBm -96 dBm -95 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm -87 dBm -74 dBm -95 dBm -95 dBm -75 dBm	Tolerance +/-3dB -/-3dB +/-3dB -/-3dB	
MODE TX Real-World*	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS11 MCS12 MCS12 MCS13 MCS14 MCS12 MCS13 MCS14 MCS15 6Mbps 0.75A 0.55A	Avg. TX 20 dBm 18 dBm 16 dBm 15 dBm 20 dBm 20 dBm 20 dBm 18 dBm 18 dBm 18 dBm 18 dBm 11 dBm	Tolerance +/-2dB -/-2dB	PTION INFORMA MODE 100% TX Strength Idle ORMATION 5dBi M	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps  MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13 MCS14 MCS13 MCS14 MCS15	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -93 dBm -93 dBm -93 dBm -93 dBm -75 dBm -84 dBm -79 dBm -75 dBm	Tolerance +/-3dB -/-3dB +/-3dB	

Up to 300meters

Over 10km

Indoor (Antenna Dependent):

Outdoor (Antenna Dependent):