



SR71-A





Wireless Chipset Radio Operation Interface				Atheros AR9160 with DFS SUPPORT IEEE 802.11a/b/g/n 32-bit mini-PCI Type IIIA				
Operation Vo				3.3VDC				
Antenna Port							MIMO Operation	
Temperature	Range			-20C to +70C (extended temp version up to +95C) 802.11i with AES-CCM & TKIP Encryption, 802.1x, 64/128/152bit WEP				
Security Data Bates							128/152bit WEP (up to 300Mbps)	
Data Rates RoHS Compli	2000			Legacy 802.1.	1a/b/g (1-54M	pps), 802.11n	(up to 300Mbps) YES	
Koris Compi	ance						ILS	
			REGUI	ATORY INFORMATION				
Wireless Mod	ular Approval	S			FCC , Industr	ry Canada, CE ((100mW limited)	
	• •		•		·	•	,	
				QUENCY 2412MHz-2462				
2.40	_	<u>ER SPECIFIC</u>				SPECIFICATION		
	DataRate	Avg. TX	Tolerance	<u> </u>	DataRate	Sensitivity	Tolerance	
11b/g	1-24Mbps	24 dBm	+/-2dB	11b/9	1-24Mbps	-97 dBm	+/-3dB	
' q	36Mbps 48Mbps	22 dBm 20 dBm	+/-2dB +/-2dB	- <u>-</u>	36Mbps 48Mbps	-90 dBm -86 dBm	+/-3dB +/-3dB	
H	54Mbps	19 dBm	+/-2dB	-	54Mbps	-84 dBm	+/-3dB	
	3411005	19 abiii	+/-Zub	1	3411005	-04 UDIII	+/-3ub	
2.4GHz 11n HT20 / HT40	MCS0	24 dBm	+/-2dB	1	MCS0	-97 dBm	+/-3dB	
	MCS1	24 dBm	+/-2dB	1	MCS1	-96 dBm	+/-3dB	
	MCS2	24 dBm	+/-2dB	1 6	MCS2	-93 dBm	+/-3dB	
	MCS3	22 dBm	+/-2dB	/ HT40	MCS3	-91 dBm	+/-3dB	
	MCS4	22 dBm	+/-2dB] \frac{\fir}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac}{\fint}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}{\frac}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}{\frac{\frac{\f{\f{	MCS4	-87 dBm	+/-3dB	
	MCS5	22 dBm	+/-2dB] `	MCS5	-84 dBm	+/-3dB	
	MCS6	18 dBm	+/-2dB] 0	MCS6	-78 dBm	+/-3dB	
	MCS7	15 dBm	+/-2dB]	MCS7	-75 dBm	+/-3dB	
	MCS8	24 dBm	+/-2dB	2.4GHz 11n HT20	MCS8	-96 dBm	+/-3dB	
	MCS9	24 dBm	+/-2dB] [MCS9	-94 dBm	+/-3dB	
	MCS10	22 dBm	+/-2dB		MCS10	-91 dBm	+/-3dB	
	MCS11	20 dBm	+/-2dB	5	MCS11	-88 dBm	+/-3dB	
	MCS12	20 dBm	+/-2dB	4	MCS12	-85 dBm	+/-3dB	
	MCS13	17 dBm	+/-2dB	'	MCS13	-80 dBm	+/-3dB	
	MCS14	17 dBm	+/-2dB	4	MCS14	-79 dBm	+/-3dB	
	MCS15	15 dBm	+/-2dB		MCS15	-76 dBm	+/-3dB	
		0	PERATING ER	OUENCY 5745MHz-5825	SMHz			
56	Hz TX POWE			QUENCY 5745MHz-5825		PECIFICATION	NS	
5G	_	R SPECIFICA	TIONS	QUENCY 5745MHz-5825	5GHz RX SI	PECIFICATION Sensitivity		
5G	Hz TX POWE DataRate 1-24Mbps	Avg. TX 24 dBm	Tolerance	QUENCY 5745MHz-5825		Sensitivity -96 dBm	Tolerance +/-3dB	
	DataRate	R SPECIFICA Avg. TX	TIONS		5GHz RX SI DataRate	Sensitivity	Tolerance	
5G 11	DataRate 1-24Mbps	Avg. TX 24 dBm	Tolerance +/-2dB	QUENCY 5745MHz-5825	5GHz RX SI DataRate 1-24Mbps	Sensitivity -96 dBm	Tolerance +/-3dB	
	DataRate 1-24Mbps 36Mbps	Avg. TX 24 dBm 22 dBm	Tolerance +/-2dB +/-2dB		5GHz RX SI DataRate 1-24Mbps 36Mbps	Sensitivity -96 dBm -95 dBm	Tolerance +/-3dB +/-3dB	
	DataRate 1-24Mbps 36Mbps 48Mbps	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm	Tolerance		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	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm	Tolerance		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps	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	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB		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	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 24 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB		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 +/-3dB	
	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 24 dBm 22 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB		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	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 24 dBm 22 dBm 22 dBm	Tolerance +/-2dB		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	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 24 dBm 22 dBm 22 dBm 22 dBm	Tolerance +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -95 dBm -95 dBm -95 dBm -90 dBm -86 dBm -83 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6	R SPECIFICA Avg. TX 24 dBm 22 dBm 19 dBm 19 dBm 24 dBm 24 dBm 24 dBm 22 dBm 22 dBm 18 dBm	Tolerance +/-2dB	11a	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 -95 dBm -90 dBm -86 dBm -83 dBm -77 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 24 dBm 22 dBm 22 dBm 22 dBm 15 dBm	Tolerance +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -95 dBm -95 dBm -95 dBm -95 dBm -90 dBm -86 dBm -86 dBm -77 dBm -74 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 24 dBm 22 dBm 22 dBm 15 dBm 15 dBm 24 dBm	Tolerance +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS5 MCS5 MCS5 MCS6 MCS7 MCS8	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -95 dBm -95 dBm -95 dBm -95 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -95 dBm	Tolerance +/-3dB +/-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 MCS6 MCS7 MCS8 MCS9	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 22 dBm 22 dBm 18 dBm 22 dBm	Tolerance +/-2dB		DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS5 MCS6 MCS7 MCS8 MCS9	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	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS6 MCS7 MCS8 MCS9 MCS10	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 22 dBm 22 dBm 15 dBm 24 dBm 22 dBm	Tolerance +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10	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 -99 dBm	Tolerance +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB +/-3dB	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 18 dBm 15 dBm 24 dBm 24 dBm 20 dBm	Tolerance	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -95 dBm -95 dBm	Tolerance +/-3dB	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12	R SPECIFICA Avg. TX 24 dBm 22 dBm 19 dBm 24 dBm 24 dBm 24 dBm 22 dBm 18 dBm 15 dBm 24 dBm 24 dBm 20 dBm 20 dBm	Tolerance +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12	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 -99 dBm	Tolerance +/-3dB	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11	R SPECIFICA Avg. TX 24 dBm 22 dBm 19 dBm 24 dBm 24 dBm 22 dBm 24 dBm 24 dBm 22 dBm 18 dBm 15 dBm 24 dBm 24 dBm 20 dBm 20 dBm 20 dBm	Tolerance	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11	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 -91 dBm -91 dBm	Tolerance +/-3dB	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS12 MCS13	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 22 dBm 24 dBm 24 dBm 22 dBm 22 dBm 22 dBm 22 dBm 22 dBm 20 dBm 15 dBm 24 dBm 21 dBm	Tolerance +/-2dB	5GHz 11n 11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS11 MCS11 MCS12 MCS11	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 -90 dBm -91 dBm	Tolerance +/-3dB	
119	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS11 MCS12 MCS13 MCS14 MCS13 MCS14 MCS15	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 21 dBm 22 dBm 17 dBm 17 dBm 17 dBm	Tolerance +/-2dB	11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS11 MCS12 MCS11 MCS11 MCS12 MCS13 MCS14 MCS13 MCS14 MCS15	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -96 dBm -95 dBm -92 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -93 dBm -93 dBm -93 dBm -93 dBm -93 dBm -74 dBm -75 dBm -77 dBm -77 dBm -78 dBm -78 dBm -79 dBm	Tolerance +/-3dB	
BD SGHz 11n 11a	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS14 MCS12 MCS13 MCS14 MCS15	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 18 dBm 15 dBm 24 dBm 24 dBm 17 dBm 17 dBm 17 dBm 17 dBm	Tolerance +/-2dB -/-2dB	CONSUMPTION INFORMA	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS11 MCS11 MCS12 MCS11 MCS11 MCS12 MCS13 MCS14 MCS13 MCS14 MCS15 MCS14 MCS15 MCS15 MCS15 MCS15 MCS15 MCS16 MCS11	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 -93 dBm -93 dBm -90 dBm -93 dBm -91 dBm -93 dBm -91 dBm -95 dBm -95 dBm -95 dBm -95 dBm -95 dBm -95 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 MCS13 MCS14 MCS12 MCS13 MCS14 MCS15 6Mbps 1.25A	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 21 dBm 22 dBm 17 dBm 17 dBm 17 dBm	Tolerance +/-2dB	CONSUMPTION INFORMA MODE 100% TX	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS11 MCS10 MCS11 MCS12 MCS13 MCS11 MCS12 MCS13 MCS14 MCS15 MCS13 MCS14 MCS15 TION 6Mbps 1.25A	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -96 dBm -95 dBm -92 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -93 dBm -93 dBm -93 dBm -93 dBm -93 dBm -74 dBm -75 dBm -77 dBm -77 dBm -78 dBm -78 dBm -79 dBm	Tolerance +/-3dB	
MODE 100% TX Real-World	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS14 MCS12 MCS13 MCS14 MCS15 6Mbps 1.25A 0.75A	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 15 dBm 15 dBm 24 dBm 24 dBm 15 dBm 15 dBm 15 dBm 16 dBm 17 dBm 17 dBm 17 dBm 17 dBm 17 dBm 17 dBm 18 dBm 18 dBm	Tolerance	CONSUMPTION INFORMA MODE 100% TX Real-World	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps 64Mbps 64Mbps	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -90 dBm -86 dBm -81 dBm -71 dBm -74 dBm -75 dBm -91 dBm -75 dBm -75 dBm -75 dBm -91 dBm -71 dBm	Tolerance +/-3dB	
MODE 1100% TX	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS14 MCS12 MCS13 MCS14 MCS15 6Mbps 1.25A	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 18 dBm 15 dBm 24 dBm 24 dBm 17 dBm	Tolerance +/-2dB	CONSUMPTION INFORMA MODE 100% TX	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS11 MCS10 MCS11 MCS12 MCS13 MCS11 MCS12 MCS13 MCS14 MCS15 MCS13 MCS14 MCS15 TION 6Mbps 1.25A	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -96 dBm -95 dBm -92 dBm -90 dBm -86 dBm -81 dBm -77 dBm -74 dBm -93 dBm -93 dBm -90 dBm -93 dBm -91 dBm -91 dBm -91 dBm -92 dBm -93 dBm -95 dBm -95 dBm -95 dBm -95 dBm -95 dBm -75 dBm -75 dBm -75 dBm -75 dBm	Tolerance +/-3dB	
MODE 100% TX Real-World	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS14 MCS12 MCS13 MCS14 MCS15 6Mbps 1.25A 0.75A	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 15 dBm 15 dBm 24 dBm 24 dBm 15 dBm 15 dBm 15 dBm 16 dBm 17 dBm 17 dBm 17 dBm 17 dBm 17 dBm 17 dBm 18 dBm 18 dBm	Tolerance	CONSUMPTION INFORMA MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps 64Mbps 64Mbps	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -90 dBm -86 dBm -81 dBm -71 dBm -74 dBm -75 dBm -91 dBm -75 dBm -75 dBm -75 dBm -91 dBm -71 dBm	Tolerance +/-3dB	
MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS14 MCS12 MCS13 MCS14 DS12 MCS13 MCS14 DS15	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 22 dBm 22 dBm 22 dBm 22 dBm 22 dBm 15 dBm 24 dBm 15 dBm 15 dBm 15 dBm 24 dBm 24 dBm 25 dBm 16 dBm 17 dBm 18 dBm	Tolerance	CONSUMPTION INFORMA MODE 100% TX Real-World	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps 64Mbps 64Mbps	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -92 dBm -90 dBm -86 dBm -77 dBm -74 dBm -95 dBm -91 dBm -75 dBm -75 dBm -75 dBm -75 dBm -78 dBm	Tolerance +/-3dB -/-3dB	
MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS14 MCS15 6Mbps 1.25A 0.75A 0.30A	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 22 dBm 24 dBm 22 dBm 22 dBm 22 dBm 22 dBm 15 dBm 24 dBm 15 dBm 15 dBm 15 dBm 15 dBm 24 dBm 20 dBm 17 dBm	Tolerance	CONSUMPTION INFORMA MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps 64Mbps 64Mbps	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 -91 dBm -91 dBm -91 dBm -91 dBm -92 dBm -91 dBm -92 dBm -93 dBm -95 dBm -95 dBm -95 dBm -95 dBm -91 dBm -91 dBm -81 dBm -71 dBm -71 dBm -72 dBm -73 dBm -73 dBm -73 dBm -73 dBm -73 dBm -75 dBm -75 dBm	Tolerance +/-3dB -/-3dB	
MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS14 MCS12 MCS13 MCS14 DS12 MCS13 MCS14 DS15	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 22 dBm 24 dBm 22 dBm 22 dBm 22 dBm 22 dBm 15 dBm 24 dBm 15 dBm 15 dBm 15 dBm 15 dBm 24 dBm 20 dBm 17 dBm	Tolerance	CONSUMPTION INFORMA MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps 64Mbps 64Mbps	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 -91 dBm -91 dBm -91 dBm -91 dBm -92 dBm -91 dBm -92 dBm -93 dBm -95 dBm -95 dBm -95 dBm -95 dBm -91 dBm -91 dBm -81 dBm -71 dBm -71 dBm -72 dBm -73 dBm -73 dBm -73 dBm -73 dBm -73 dBm -75 dBm -75 dBm	Tolerance +/-3dB -/-3dB	
MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS14 MCS15 6Mbps 1.25A 0.75A 0.30A	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 22 dBm 24 dBm 22 dBm 22 dBm 22 dBm 22 dBm 15 dBm 24 dBm 15 dBm 15 dBm 15 dBm 15 dBm 24 dBm 20 dBm 17 dBm	Tolerance +/-2dB -/-2dB	CONSUMPTION INFORMA MODE 100% TX Real-World Idle GE PERFORMANCE	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps 64Mbps 64Mbps	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 -91 dBm -91 dBm -91 dBm -91 dBm -92 dBm -91 dBm -92 dBm -93 dBm -95 dBm -95 dBm -95 dBm -95 dBm -91 dBm -91 dBm -81 dBm -71 dBm -71 dBm -72 dBm -73 dBm -73 dBm -73 dBm -73 dBm -73 dBm -75 dBm -75 dBm	Tolerance +/-3dB -/-3dB	
MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS11 MCS12 MCS13 MCS14 MCS15 6Mbps 1.25A 0.75A 0.30A	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 15 dBm 24 dBm 24 dBm 15 dBm 15 dBm 16 dBm 17 dBm 18 dBm 19 dBm 10 dBm 10 dBm 10 dBm 11 dBm	Tolerance +/-2dB -/-2dB	CONSUMPTION INFORMA MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps 54Mbps 64Mbps 64Mbps	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -90 dBm -86 dBm -77 dBm -74 dBm -93 dBm -93 dBm -93 dBm -93 dBm -75 dBm -75 dBm -75 dBm -78 dBm -79 dBm	Tolerance +/-3dB -/-3dB	
MODE 100% TX Real-World Idle	DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS11 MCS12 MCS13 MCS14 MCS15 6Mbps 1.25A 0.75A 0.30A	R SPECIFICA Avg. TX 24 dBm 22 dBm 20 dBm 19 dBm 24 dBm 24 dBm 22 dBm 15 dBm 15 dBm 24 dBm 15 dBm 15 dBm 16 dBm 17 dBm 17 dBm 17 dBm 17 dBm 17 dBm 17 dBm 18 dBm 19 dBm 10 dBm 10 dBm 10 dBm 11	Tolerance +/-2dB -/-2dB	CONSUMPTION INFORMA MODE 100% TX Real-World Idle GE PERFORMANCE	5GHz RX SI DataRate 1-24Mbps 36Mbps 48Mbps 54Mbps MCS0 MCS1 MCS2 MCS3 MCS4 MCS5 MCS6 MCS7 MCS8 MCS9 MCS10 MCS11 MCS12 MCS13 MCS14 MCS15 TION 6Mbps 1.25A 0.75A 0.30A	Sensitivity -96 dBm -95 dBm -94 dBm -91 dBm -91 dBm -95 dBm -95 dBm -95 dBm -90 dBm -86 dBm -83 dBm -77 dBm -74 dBm -95 dBm -95 dBm -95 dBm -95 dBm -95 dBm -95 dBm -97 dBm -75 dBm -91 dBm -91 dBm -91 dBm -92 dBm -93 dBm -93 dBm -93 dBm -90 dBm -87 dBm -75 dBm	Tolerance +/-3dB -/-3dB	

COMPLIANCE INFORMATION

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to pro-vide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

The antennas used for this transmitter must be installed to provide a separation distance of at least 194.09cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

INDUSTRY CANADA

This Class A digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

FCCID: SWX-SR71
IMPORTANT NOTE: EQUIPMENT MANUFACTURERS ARE
RESPONSIBLE FOR DISPLAYING SR71 MODULAR FCC ID ON
FINAL INTEGRATED EQUIPMENT

IMPORTANT NOTE REGARDING ANTENNA USE

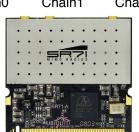
Antenna Use (Point to Multipoint)

Antenna Use (Point to Point)

1x1 Operation

3x3 Operation

Chain0 Chain1 Chain2











UBIQUITI PANEL24-17



Pacific Wireless HDDA5W-32