

Daily RF Health Report for All Groups and Folders

10/5/2014 12:00 AM to 10/6/2014 12:00 AM
Generated on 10/6/2014 12:37 AM

Problem 2.4 GHz Radios

Device	Channel Changes	Transmit Power Changes	Mode Changes	Avg Noise (dBm)	Avg Channel Busy (%)	MAC/Phy Errors	Interfering Devices	Clients	Usage	Location	Controller	Folder	Group
IAP#1	50	99	0	-95.50	5.12	1724	Cordless Base Freq Hopper (4), Xbox Freq Hopper (4)	0	18 bps	-			
IAP#3	23	78	0	-95.00	4.33	1706	Cordless Base Freq Hopper (5), Xbox Freq Hopper (7)	0	12 bps	-			
IAP#2	36	64	0	-95.50	4.33	1647	Cordless Base Freq Hopper (5), Cordless Phone Freq Hopper, Xbox Freq Hopper (9)	0	31 bps	-			
IAP#4	47	101	0	-96.00	4.33	1421	Cordless Base Freq Hopper (3), Xbox Freq Hopper (3)	1	104 bps	-			
IAP#7	15	86	0	-94.50	3.94	1052	Cordless Base Freq Hopper (7), Xbox Freq Hopper (7)	1	49 bps	-			

Most Noise (5 GHz)

Rank	Device	Avg Noise (dBm)	Channel Changes	Avg Channel Busy (%)	Clients	Usage	Location	Controller	Folder	Group
1	IAP#6	-79.00	0	0.39	1	145 bps	-			
2	IAP#8	-90.00	0	0.39	2	137 bps	-			
3	IAP#5	-95.00	0	0.39	1	418 bps	-			
4	IAP#2	-96.00	0	0.39	3	321 bps	-			
5	IAP#3	-96.50	0	0.39	2	214 bps	-			
6	IAP#7	-97.00	0	0.79	1	216 bps	-			
7	IAP#4	-97.00	0	0.39	0	0 bps	-			
8	IAP#1	-97.00	0	0.39	2	37.58 Kbps	-			

Most Noise (2.4 GHz)

Rank	Device	Avg Noise (dBm)	Channel Changes	Avg Channel Busy (%)	Clients	Usage	Location	Controller	Folder	Group
1	IAP#5	-94.00	36	4.33	0	51 bps	-			
2	IAP#7	-94.50	15	3.94	1	49 bps	-			
3	IAP#8	-94.50	27	4.33	0	9 bps	-			
4	IAP#3	-95.00	23	4.33	0	12 bps	-			
5	IAP#2	-95.50	36	4.33	0	31 bps	-			
6	IAP#1	-95.50	50	5.12	0	18 bps	-			
7	IAP#4	-96.00	47	4.33	1	104 bps	-			
8	IAP#6	-96.00	36	4.33	0	28 bps	-			

Most Interfering Devices (2.4 GHz)

Rank	Device	Interfering Devices	Channel Changes	Avg Noise (dBm)	Avg Channel Busy (%)	Clients	Usage	Location	Controller	Folder	Group
1	IAP#6	Cordless Base Freq Hopper (6), Cordless Phone Freq Hopper (2), Microwave (2), Xbox Freq Hopper (24)	36	-96.00	4.33	0	28 bps	-			
2	IAP#2	Cordless Base Freq Hopper (5), Cordless Phone Freq Hopper, Xbox Freq Hopper (9)	36	-95.50	4.33	0	31 bps	-			
3	IAP#7	Cordless Base Freq Hopper (7), Xbox Freq Hopper (7)	15	-94.50	3.94	1	49 bps	-			
4	IAP#5	Cordless Base Freq Hopper (7), Xbox Freq Hopper (7)	36	-94.00	4.33	0	51 bps	-			
5	IAP#3	Cordless Base Freq Hopper (5), Xbox Freq Hopper (7)	23	-95.00	4.33	0	12 bps	-			
6	IAP#8	Cordless Base Freq Hopper (3), Cordless Phone Freq Hopper, Microwave, Xbox Freq Hopper (6)	27	-94.50	4.33	0	9 bps	-			
7	IAP#1	Cordless Base Freq Hopper (4), Xbox Freq Hopper (4)	50	-95.50	5.12	0	18 bps	-			
8	IAP#4	Cordless Base Freq Hopper (3), Xbox Freq Hopper (3)	47	-96.00	4.33	1	104 bps	-			

Most Utilized by Channel Usage (5 GHz)

Rank	Device	Channel Busy (%)	Interference (%)	Clients	Usage	Location	Controller	Folder	Group
1	IAP#7	0.79	0.00	1	216 bps	-			
2	IAP#3	0.39	-0.39	2	214 bps	-			
3	IAP#4	0.39	0.00	0	0 bps	-			
4	IAP#2	0.39	-0.39	3	321 bps	-			
5	IAP#8	0.39	0.00	2	137 bps	-			
6	IAP#5	0.39	0.00	1	418 bps	-			
7	IAP#6	0.39	0.00	1	145 bps	-			
8	IAP#1	0.39	0.00	2	37.58 Kbps	-			

Most Utilized by Channel Usage (2.4 GHz)

Rank	Device	Channel Busy (%)	Interference (%)	Clients	Usage	Location	Controller	Folder	Group
1	IAP#1	5.12	0.79	0	18 bps	-			
2	IAP#3	4.33	0.39	0	12 bps	-			
3	IAP#4	4.33	0.39	1	104 bps	-			
4	IAP#2	4.33	0.39	0	31 bps	-			
5	IAP#8	4.33	0.00	0	9 bps	-			
6	IAP#5	4.33	0.00	0	51 bps	-			
7	IAP#6	4.33	0.00	0	28 bps	-			
8	IAP#7	3.94	0.00	1	49 bps	-			

Least Utilized by Channel Usage (5 GHz)

Rank	Device	Channel Busy (%)	Interference (%)	Clients	Usage	Location	Controller	Folder	Group
1	IAP#3	0.39	-0.39	2	214 bps	-			
2	IAP#4	0.39	0.00	0	0 bps	-			
3	IAP#2	0.39	-0.39	3	321 bps	-			
4	IAP#8	0.39	0.00	2	137 bps	-			
5	IAP#5	0.39	0.00	1	418 bps	-			
6	IAP#6	0.39	0.00	1	145 bps	-			
7	IAP#1	0.39	0.00	2	37.58 Kbps	-			
8	IAP#7	0.79	0.00	1	216 bps	-			

Least Utilized by Channel Usage (2.4 GHz)

Rank	Device	Channel Busy (%)	Interference (%)	Clients	Usage	Location	Controller	Folder	Group
1	IAP#7	3.94	0.00	1	49 bps	-			
2	IAP#3	4.33	0.39	0	12 bps	-			
3	IAP#4	4.33	0.39	1	104 bps	-			
4	IAP#2	4.33	0.39	0	31 bps	-			
5	IAP#8	4.33	0.00	0	9 bps	-			
6	IAP#5	4.33	0.00	0	51 bps	-			
7	IAP#6	4.33	0.00	0	28 bps	-			
8	IAP#1	5.12	0.79	0	18 bps	-			

Most MAC/Phy Errors (5 GHz)

Rank	Device	MAC/Phy Errors	Channel Changes	Avg Noise (dBm)	Avg Channel Busy (%)	Clients	Usage	Location	Controller	Folder	Group
1	IAP#1	55	0	-97.00	0.39	2	37.58 Kbps	-			
2	IAP#2	28	0	-96.00	0.39	3	321 bps	-			
3	IAP#3	25	0	-96.50	0.39	2	214 bps	-			
4	IAP#7	24	0	-97.00	0.79	1	216 bps	-			
5	IAP#6	19	0	-79.00	0.39	1	145 bps	-			
6	IAP#8	4	0	-90.00	0.39	2	137 bps	-			
7	IAP#5	2	0	-95.00	0.39	1	418 bps	-			
8	IAP#4	1	0	-97.00	0.39	0	0 bps	-			

Most MAC/Phy Errors (2.4 GHz)

Rank	Device	MAC/Phy Errors	Channel Changes	Avg Noise (dBm)	Avg Channel Busy (%)	Clients	Usage	Location	Controller	Folder	Group
1	IAP#1	1724	50	-95.50	5.12	0	18 bps	-			
2	IAP#3	1706	23	-95.00	4.33	0	12 bps	-			
3	IAP#2	1647	36	-95.50	4.33	0	31 bps	-			
4	IAP#4	1421	47	-96.00	4.33	1	104 bps	-			
5	IAP#7	1052	15	-94.50	3.94	1	49 bps	-			
6	IAP#6	948	36	-96.00	4.33	0	28 bps	-			
7	IAP#5	935	36	-94.00	4.33	0	51 bps	-			
8	IAP#8	913	27	-94.50	4.33	0	9 bps	-			

Most Channel Changes (2.4 GHz)

Rank	Device	Channel Changes	Avg Noise (dBm)	Avg Channel Busy (%)	Clients	Usage	Location	Controller	Folder				Group
1	IAP#1	50	-95.50	5.12	0	18 bps	-						
2	IAP#4	47	-96.00	4.33	1	104 bps	-						
3	IAP#2	36	-95.50	4.33	0	31 bps	-						
4	IAP#5	36	-94.00	4.33	0	51 bps	-						
5	IAP#6	36	-96.00	4.33	0	28 bps	-						
6	IAP#8	27	-94.50	4.33	0	9 bps	-						
7	IAP#3	23	-95.00	4.33	0	12 bps	-						
8	IAP#7	15	-94.50	3.94	1	49 bps	-						

Most Transmit Power Changes (2.4 GHz)

Rank	Device	Transmit Power Changes	Channel Changes	Avg Noise (dBm)	Avg Channel Busy (%)	Clients	Usage	Location	Controller	Folder				Group
1	IAP#4	101	47	-96.00	4.33	1	104 bps	-						
2	IAP#1	99	50	-95.50	5.12	0	18 bps	-						
3	IAP#7	86	15	-94.50	3.94	1	49 bps	-						
4	IAP#5	79	36	-94.00	4.33	0	51 bps	-						
5	IAP#3	78	23	-95.00	4.33	0	12 bps	-						
6	IAP#6	70	36	-96.00	4.33	0	28 bps	-						
7	IAP#2	64	36	-95.50	4.33	0	31 bps	-						
8	IAP#8	49	27	-94.50	4.33	0	9 bps	-						

Clients with Least Goodput

Rank	Client	Goodput
1	D4:8F:33:C8:FE:4C	6.35 Mbps
2	60:33:4B:2A:A3:25	8.65 Mbps
3	28:CF:DA:E4:F7:12	11.16 Mbps
4	54:E4:3A:EF:A2:9F	14.08 Mbps
5	D4:C9:EF:5C:98:07	18.30 Mbps
6	6C:C2:17:80:81:84	20.12 Mbps

Clients with Least Speed

Rank	Client	Speed
1	D4:8F:33:C8:FE:4C	2 Mbps
2	54:E4:3A:EF:A2:9F	8.75 Mbps
3	28:CF:DA:E4:F7:12	9.37 Mbps
4	60:33:4B:2A:A3:25	19 Mbps
5	6C:C2:17:80:81:84	24 Mbps