

Wi-Fi Top 20 Checklist

Site _____

Date ____ / ____ / ____

Checklist to be used to quickly evaluate a Wi-Fi installation to a level of best practices. There will ALWAYS be situations where different metrics should be used. Please update green boxes for variable metrics for your specific requirements - Enter a 1 in the box for each item if it meets requirements, and a 0 if it does not.

Notes

*** - indicates some discussion in the community



Positive Response or should be turned ON



Not Required or should be turned OFF



This category may use a variable for the metric



Metric used to measure this category - should be discussed and planned to meet site requirements

Items to Review and Report			2.4GHz	5GHz	6GHz
1	Captive Web Portal Use		Use only if required	Use only if required	Use only if required
2	1, 6, 11 Only		Ch 1, 6, 11 Only	Not Applicable in 5GHz	Not Applicable in 6GHz
3	20 MHz Channels		20MHz Channels Only	Use	Use
4	40 MHz Channels		No 40MHz Ch	Check CCC	Use
5	80 MHz Channels		Not Available in 2.4GHz	Not Recommended	Check CCC
6	Interference - Co-Channel		>-85dBm	>-85dBm	>-85dBm
7	OBSS - Consistent Channel Bonding		Do NOT bond channels!	High Side Consistent	High Side Consistent
8	Channels - DFS in Use		Not Applicable	Use & Review	Not Applicable in 6GHz
9	Minimum Basic Rates - Trim		MBR>=12Mbps, No b	MBR>=12Mbps	MBR>=12Mbps
10	SSID's - Across Bands		Have 2.4GHz-only SSIDs	Use w/RNR	Use w/RNR
11	Signal - Primary RSSI		-67dBm	-65dBm	-65dBm
12	Signal - Secondary RSSI ***		-67dBm	-65dBm	-65dBm
13	AP Transmit Power ***		7dBm Target	13dBm Target	16dBm Target
14	WPA 2/3 Transition ***		Not Recommended	Not Recommended	Not Allowed
15	WPA 3		Recommended	Recommended	Required
16	802.11 k - Neighbor Report		Recommended	Recommended	Recommended
17	802.11 r - Fast Transition ***		Recommended	Recommended	Recommended
18	802.11 v - Transition Management		Recommended	Recommended	Recommended
19	Channels - Utilization/BSS Load ***		Target <40%	Target <20%	Target <20%
20	Clients per Radio - BSS Load		<40	<40	<40

2.4 GHz Results 0%

5 GHz Results 0%

6 GHz Results 0%