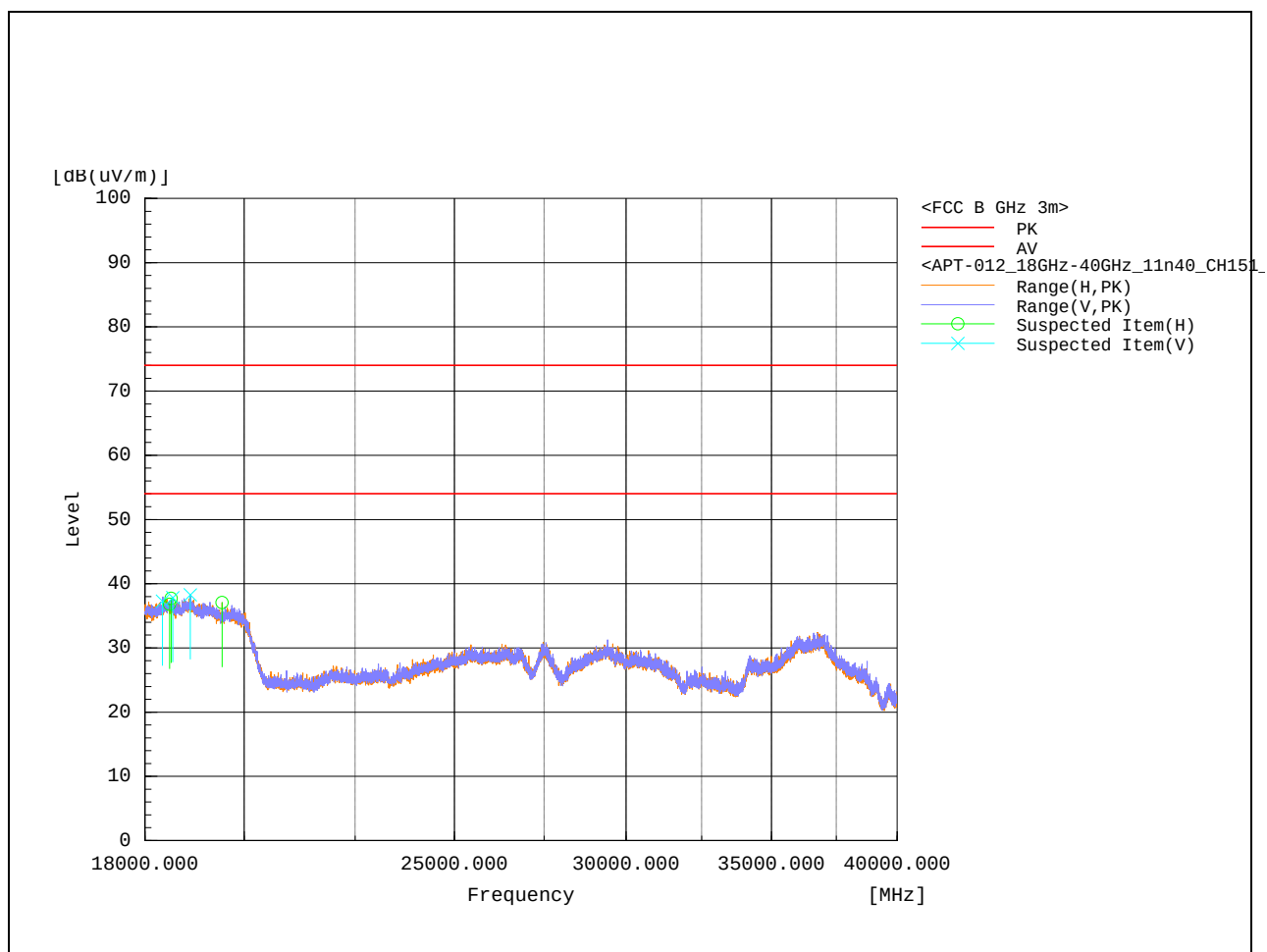


18-40GHz – 802.11n40 Channel 151

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No .	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18886.6	V	34.1	4.2	38.3	54	74	15.7	35.7	350	1.4	Pass
2	18338.8	V	32.5	4.8	37.3	54	74	16.7	36.7	150	16.1	Pass
3	19535.6	H	33.6	3.5	37.1	54	74	16.9	36.9	150	352	Pass
4	18510.4	H	32.8	4.9	37.7	54	74	16.3	36.3	250	181	Pass
5	18539	V	33.2	4.6	37.8	54	74	16.2	36.2	100	55.4	Pass
6	18477.4	H	32.1	4.7	36.8	54	74	17.2	37.2	400	0.9	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

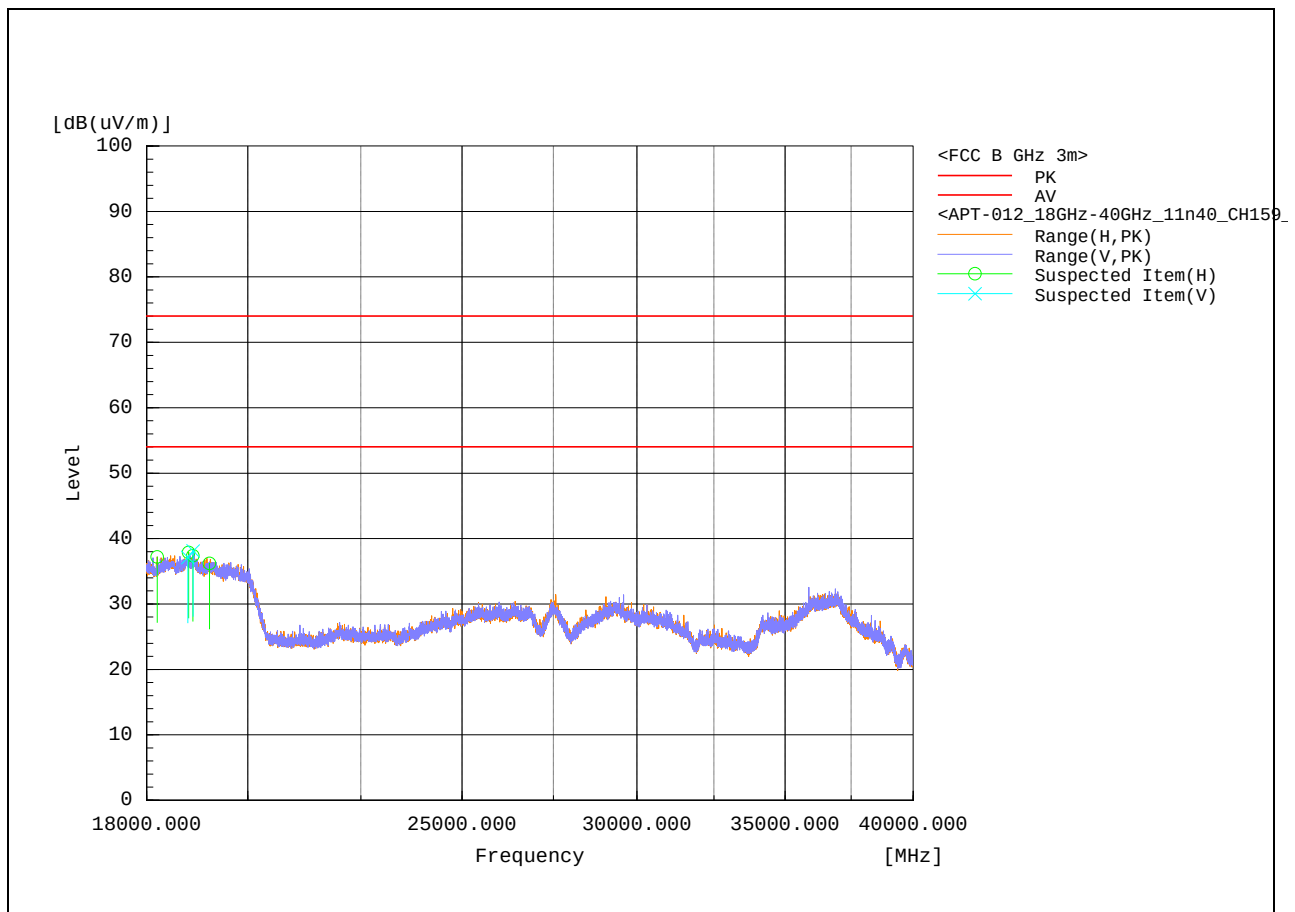


18-40GHz – 802.11n40 Channel 159

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No.	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK dB(uV/m)	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18789.8	V	32.8	4.3	37.1	54	74	16.9	36.9	250	346	Pass
2	18893.2	V	33.9	4.2	38.1	54	74	15.9	35.9	100	6.1	Pass
3	18805.2	H	33.6	4.3	37.9	54	74	16.1	36.1	100	354	Pass
4	18886.6	H	33.2	4.2	37.4	54	74	16.6	36.6	400	3	Pass
5	18200.2	H	32.2	5	37.2	54	74	16.8	36.8	200	115.6	Pass
6	19218.8	H	32.5	3.7	36.2	54	74	17.8	37.8	200	358.7	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

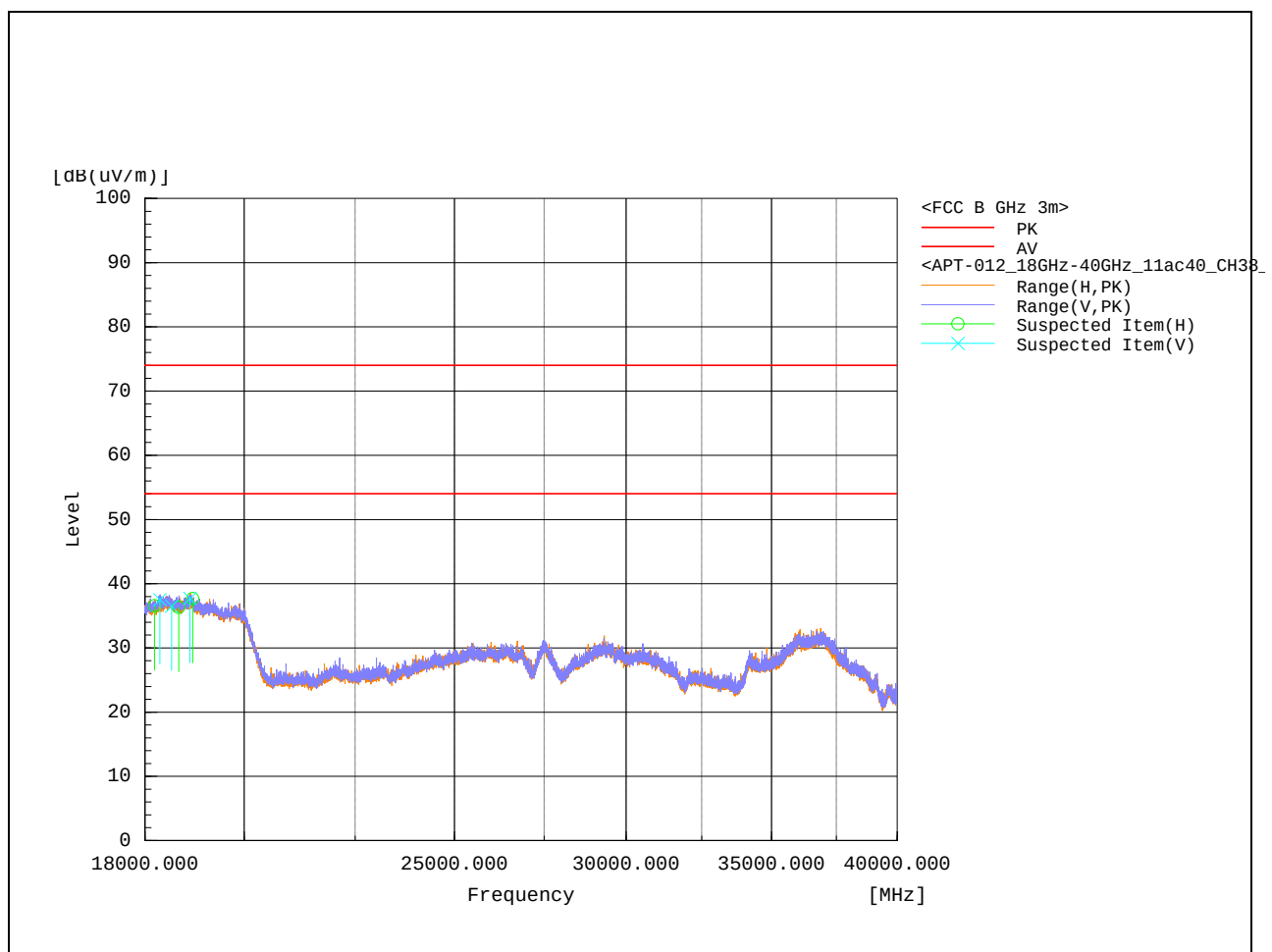


18-40GHz – 802.11ac40 Channel 38

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No .	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18877.8	V	33.5	4.2	37.7	54	74	16.3	36.3	100	28.4	Pass
2	18288.2	V	32.7	4.8	37.5	54	74	16.5	36.5	300	129.3	Pass
3	18514.8	V	31.6	4.9	36.5	54	74	17.5	37.5	200	36.5	Pass
4	18657.8	H	31.8	4.5	36.3	54	74	17.7	37.7	200	16.5	Pass
5	18182.6	H	31.8	4.8	36.6	54	74	17.4	37.4	350	40.5	Pass
6	18935	H	33.4	4.3	37.7	54	74	16.3	36.3	200	11.5	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

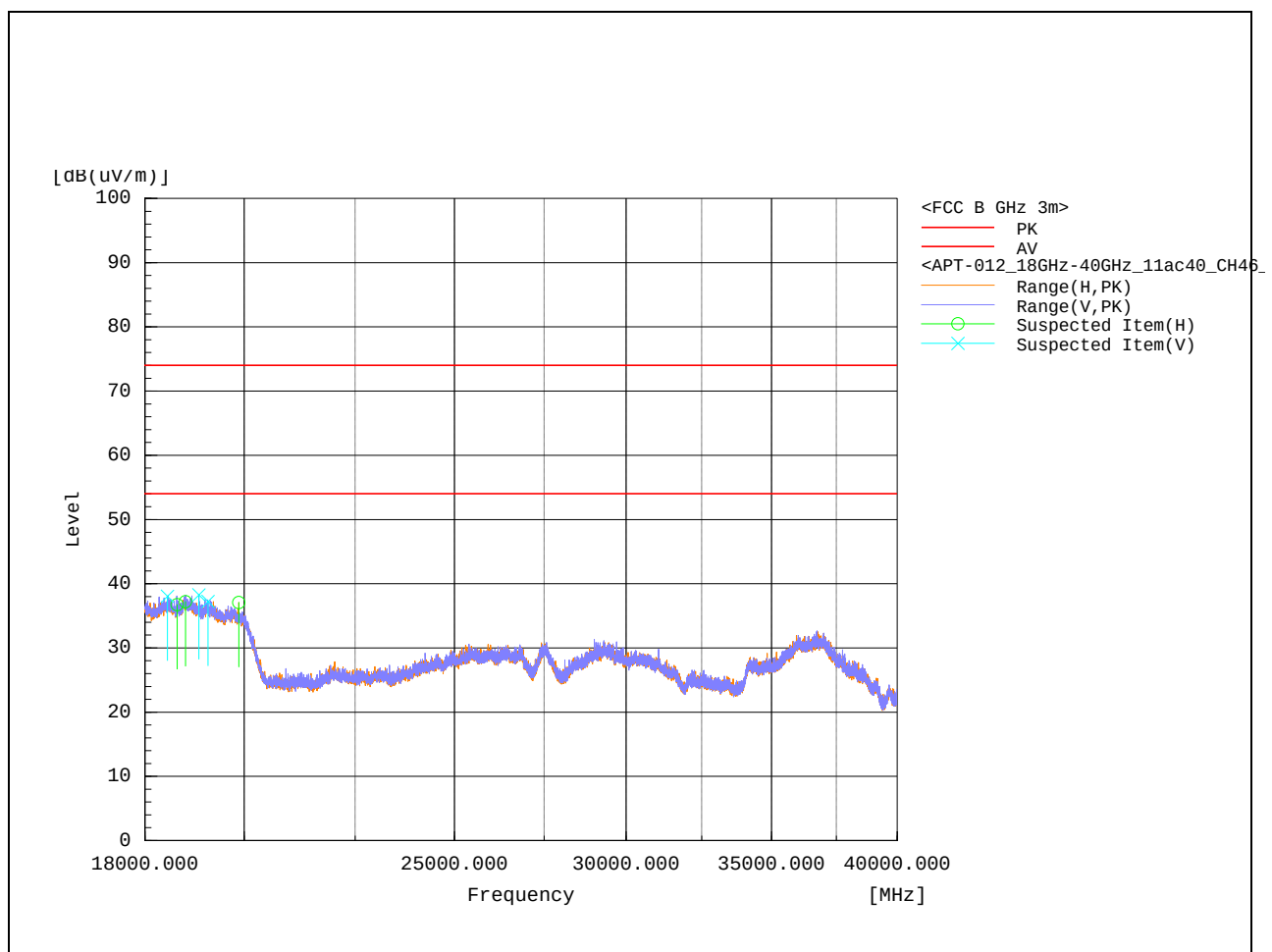


18-40GHz – 802.11ac40 Channel 46

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No .	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	19058.2	V	34.3	4	38.3	54	74	15.7	35.7	100	99.9	Pass
2	18435.6	V	33.4	4.7	38.1	54	74	15.9	35.9	250	165.3	Pass
3	19245.2	V	33.7	3.6	37.3	54	74	16.7	36.7	350	18.2	Pass
4	19887.6	H	33.7	3.4	37.1	54	74	16.9	36.9	100	112.8	Pass
5	18624.8	H	32.1	4.6	36.7	54	74	17.3	37.3	150	358.4	Pass
6	18794.2	H	32.9	4.3	37.2	54	74	16.8	36.8	300	250	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

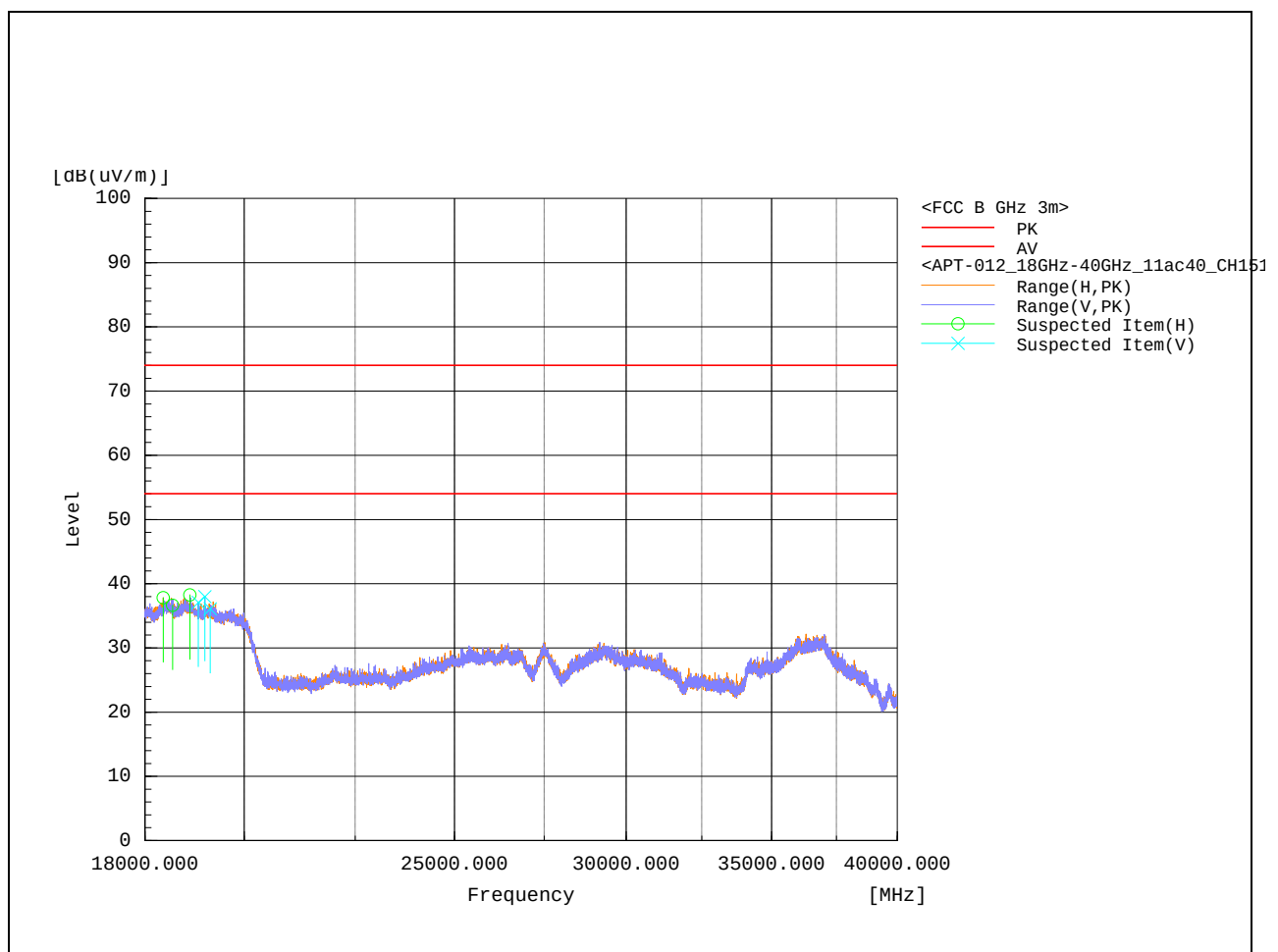


18-40GHz – 802.11ac40 Channel 151

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No .	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK dB(uV/m)	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18352	H	33.1	4.7	37.8	54	74	16.2	36.2	150	346.8	Pass
2	18880	H	34	4.2	38.2	54	74	15.8	35.8	200	189.8	Pass
3	18534.6	H	31.9	4.7	36.6	54	74	17.4	37.4	250	126.2	Pass
4	19179.2	V	34.2	3.8	38	54	74	16	36	300	0.9	Pass
5	19049.4	V	33.2	3.9	37.1	54	74	16.9	36.9	150	359.6	Pass
6	19289.2	V	32.5	3.6	36.1	54	74	17.9	37.9	250	6.4	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

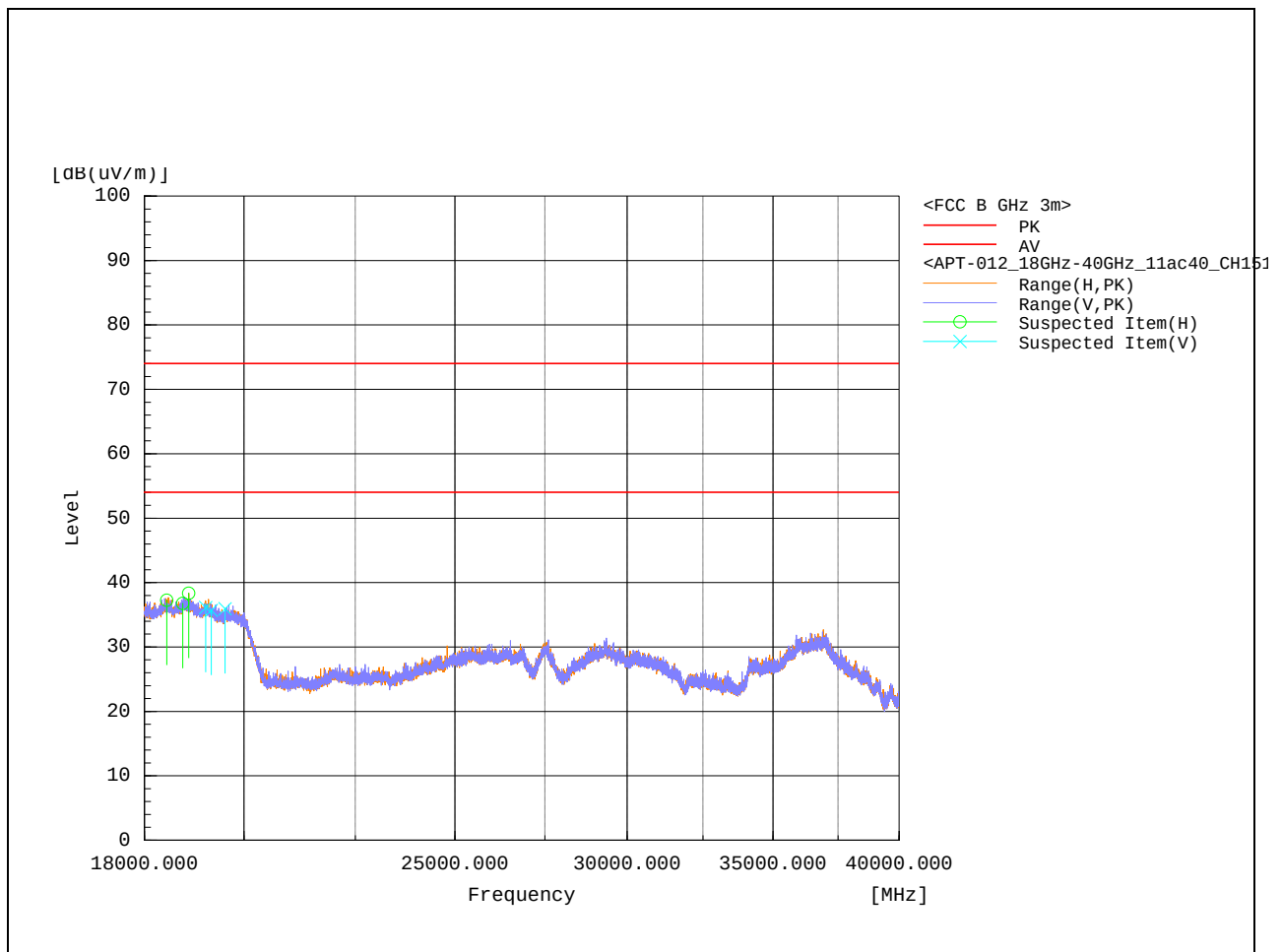


18-40GHz – 802.11ac40 Channel 159

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No .	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18745.8	H	32.3	4.4	36.7	54	74	17.3	37.3	300	216.2	Pass
2	18864.6	H	34.1	4.2	38.3	54	74	15.7	35.7	400	127.3	Pass
3	18429	H	32.6	4.7	37.3	54	74	16.7	36.7	100	3.2	Pass
4	19203.4	V	32.5	3.6	36.1	54	74	17.9	37.9	350	339.2	Pass
5	19601.6	V	32.4	3.5	35.9	54	74	18.1	38.1	400	351.1	Pass
6	19317.8	V	32.2	3.5	35.7	54	74	18.3	38.3	300	348.7	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

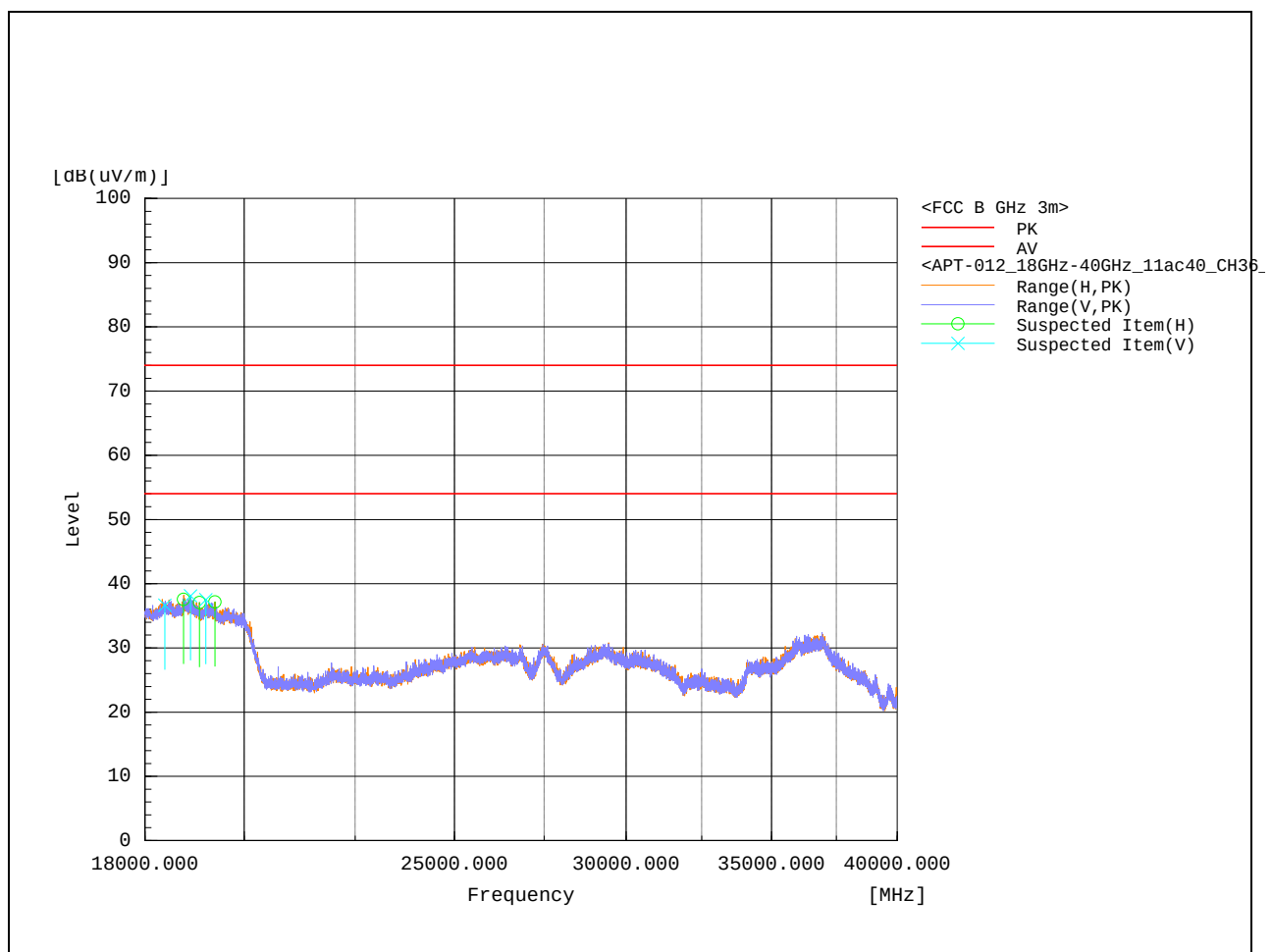


18-40GHz – 802.11ax40 Channel 38

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No .	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18752.4	H	33.1	4.5	37.6	54	74	16.4	36.4	100	86	Pass
2	19071.4	H	33.1	4	37.1	54	74	16.9	36.9	150	356.2	Pass
3	19388.2	H	33.8	3.4	37.2	54	74	16.8	36.8	300	2.9	Pass
4	18891	V	33.9	4.2	38.1	54	74	15.9	35.9	150	160.2	Pass
5	19201.2	V	33.9	3.6	37.5	54	74	16.5	36.5	350	24.1	Pass
6	18385	V	31.8	4.9	36.7	54	74	17.3	37.3	250	110.5	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

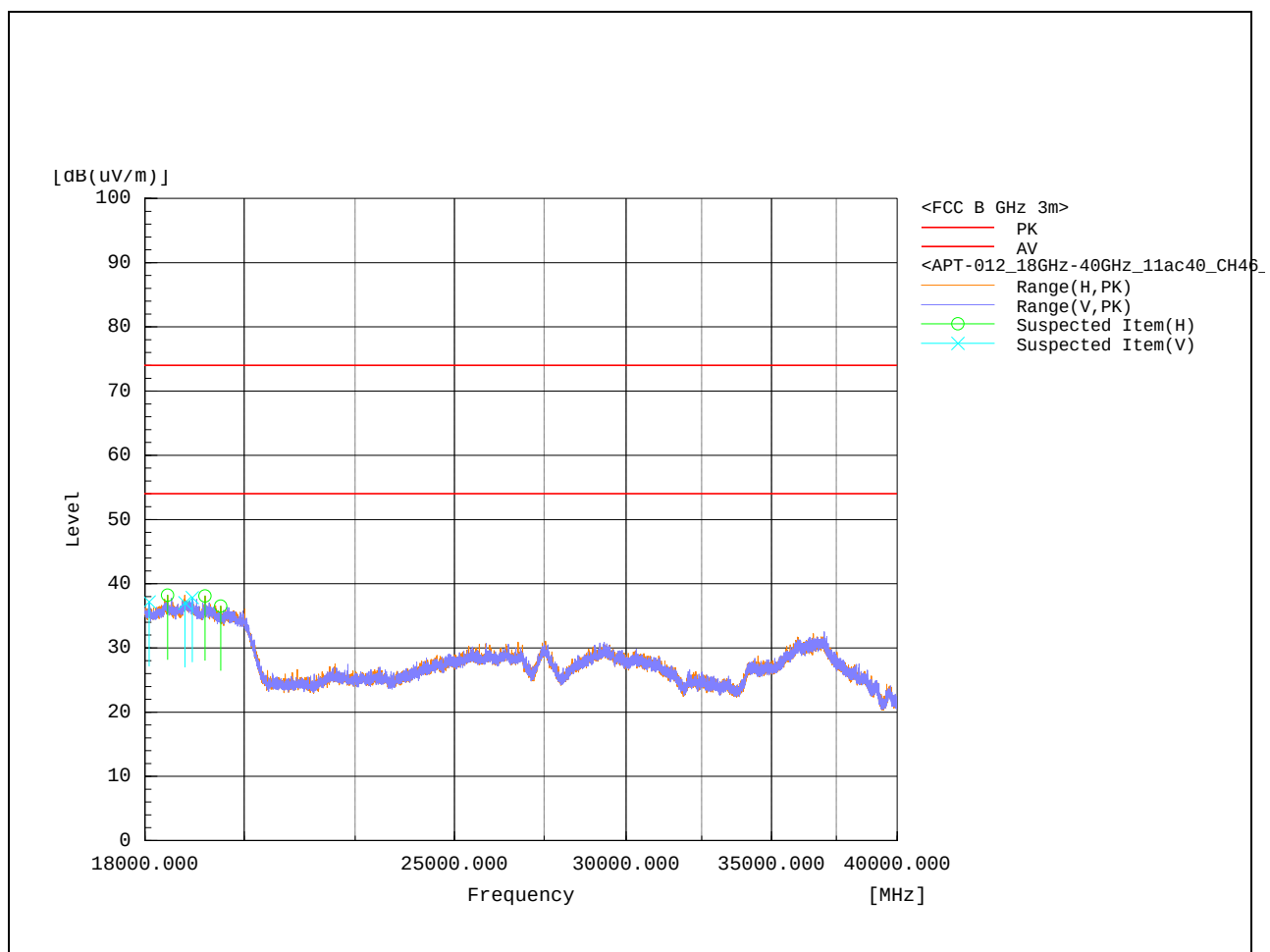


18-40GHz – 802.11ax40 Channel 46

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No .	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	19185.8	H	34.2	3.9	38.1	54	74	15.9	35.9	150	227.1	Pass
2	19509.2	H	33.1	3.4	36.5	54	74	17.5	37.5	350	103.6	Pass
3	18440	H	33.5	4.7	38.2	54	74	15.8	35.8	250	358.9	Pass
4	18781	V	32.8	4.2	37	54	74	17	37	350	7.5	Pass
5	18928.4	V	33.6	4.2	37.8	54	74	16.2	36.2	100	146.5	Pass
6	18081.4	V	32.5	4.7	37.2	54	74	16.8	36.8	400	352.1	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

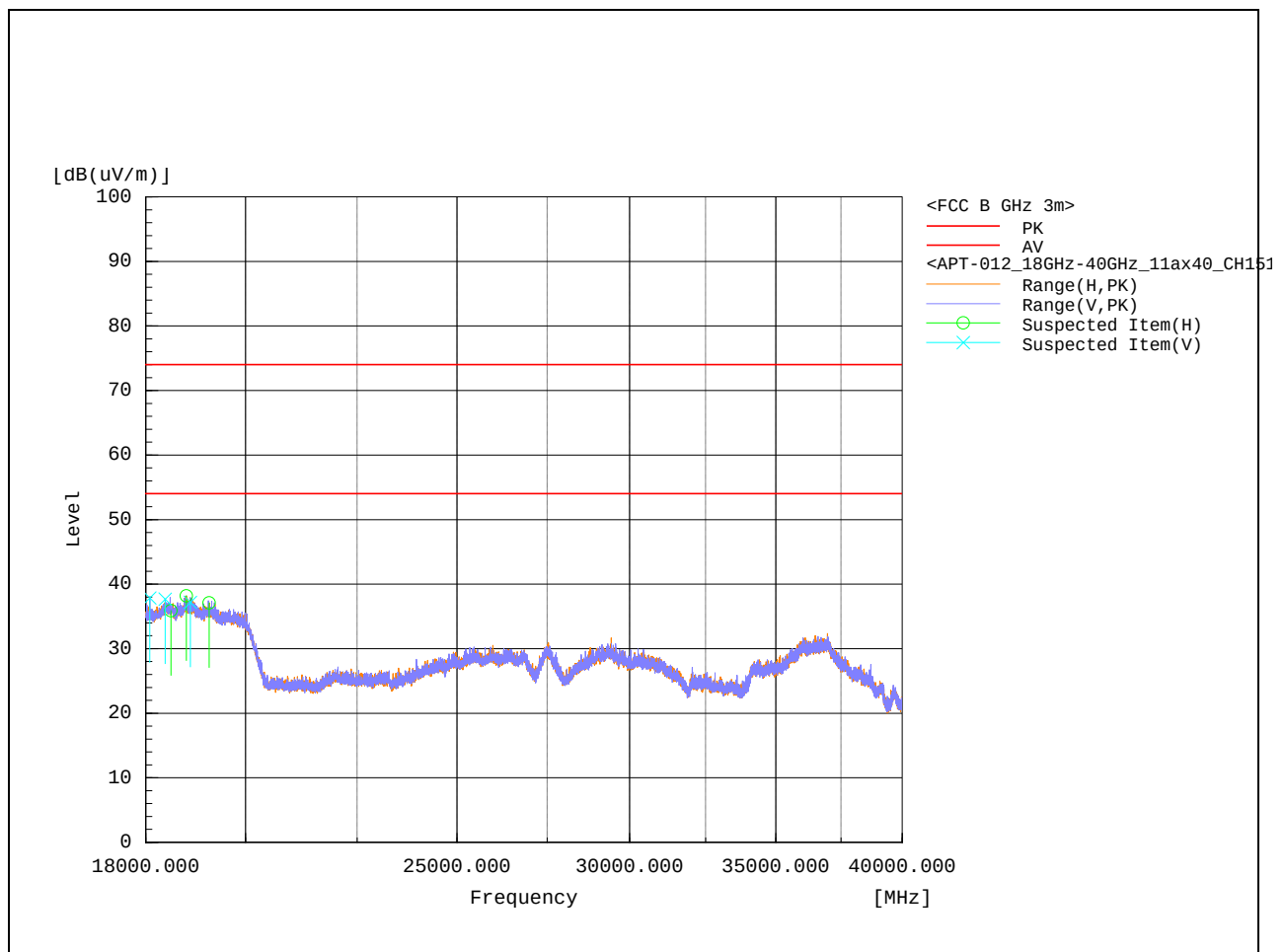


18-40GHz – 802.11ax40 Channel 151

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK dB(uV/m)	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18077	V	33.2	4.7	37.9	54	74	16.1	36.1	300	201.7	Pass
2	18374	V	32.9	4.8	37.7	54	74	16.3	36.3	150	6.4	Pass
3	18866.8	V	33	4.2	37.2	54	74	16.8	36.8	400	11.9	Pass
4	19245.2	H	33.5	3.6	37.1	54	74	16.9	36.9	200	251.1	Pass
5	18789.8	H	33.9	4.3	38.2	54	74	15.8	35.8	200	117.8	Pass
6	18484	H	31.3	4.6	35.9	54	74	18.1	38.1	100	101.6	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

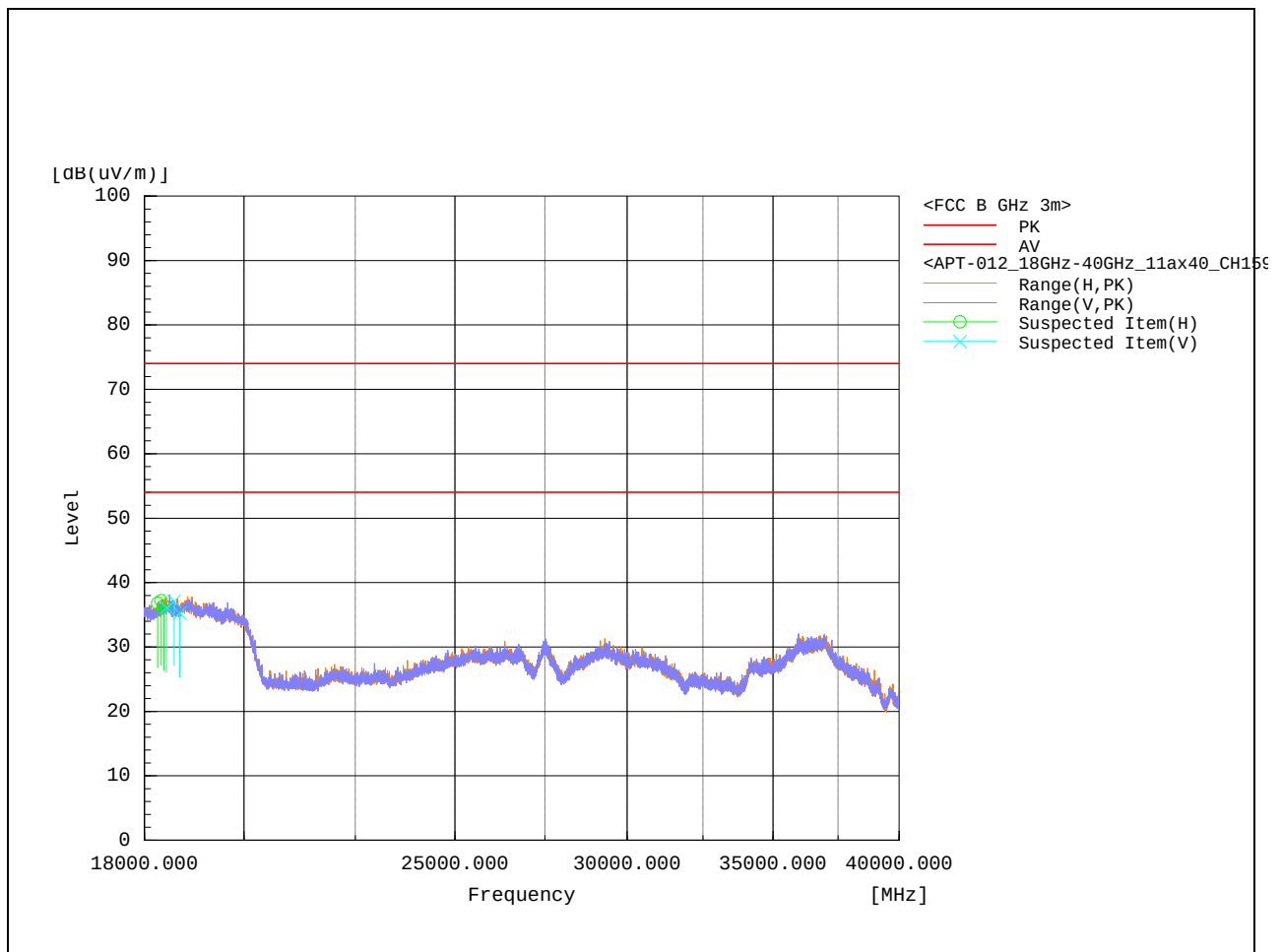


18-40GHz – 802.11ax40 Channel 159

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No.	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18426.8	V	31.4	4.7	36.1	54	74	17.9	37.9	400	26.5	Pass
2	18574.2	V	32.4	4.7	37.1	54	74	16.9	36.9	200	233	Pass
3	18684.2	V	30.8	4.5	35.3	54	74	18.7	38.7	300	353.9	Pass
4	18323.4	H	32.4	4.8	37.2	54	74	16.8	36.8	100	265.6	Pass
5	18253	H	31.9	4.9	36.8	54	74	17.2	37.2	200	52.4	Pass
6	18371.8	H	31.6	4.8	36.4	54	74	17.6	37.6	100	192.9	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

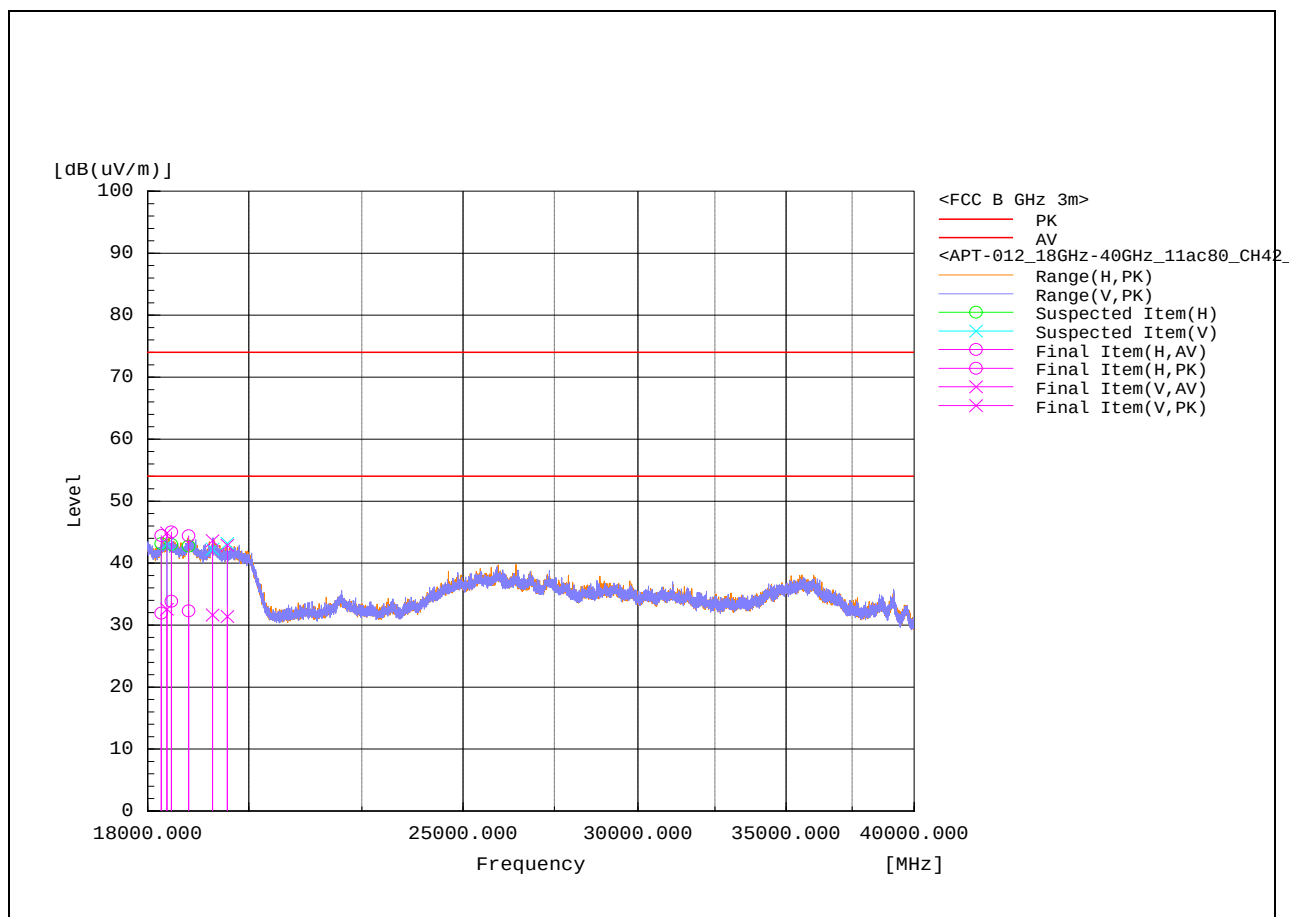


18-40GHz – 802.11ax80 Channel 42

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No.	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18255.35	H	39.5	4.9	44.4	54	74	22.1	29.6	117	9.7	Pass
2	18363.37	V	40.2	4.7	44.9	54	74	21.4	29.1	389	147.2	Pass
3	18449.88	H	40.1	4.9	45	54	74	20.2	29	382	0	Pass
4	18784.03	H	40.2	4.2	44.4	54	74	21.7	29.6	352	145.3	Pass
5	19258.73	V	40.1	3.6	43.6	54	74	22.4	30.4	306	128.1	Pass
6	19558.03	V	39.3	3.5	42.9	54	74	22.6	31.1	125	112.7	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

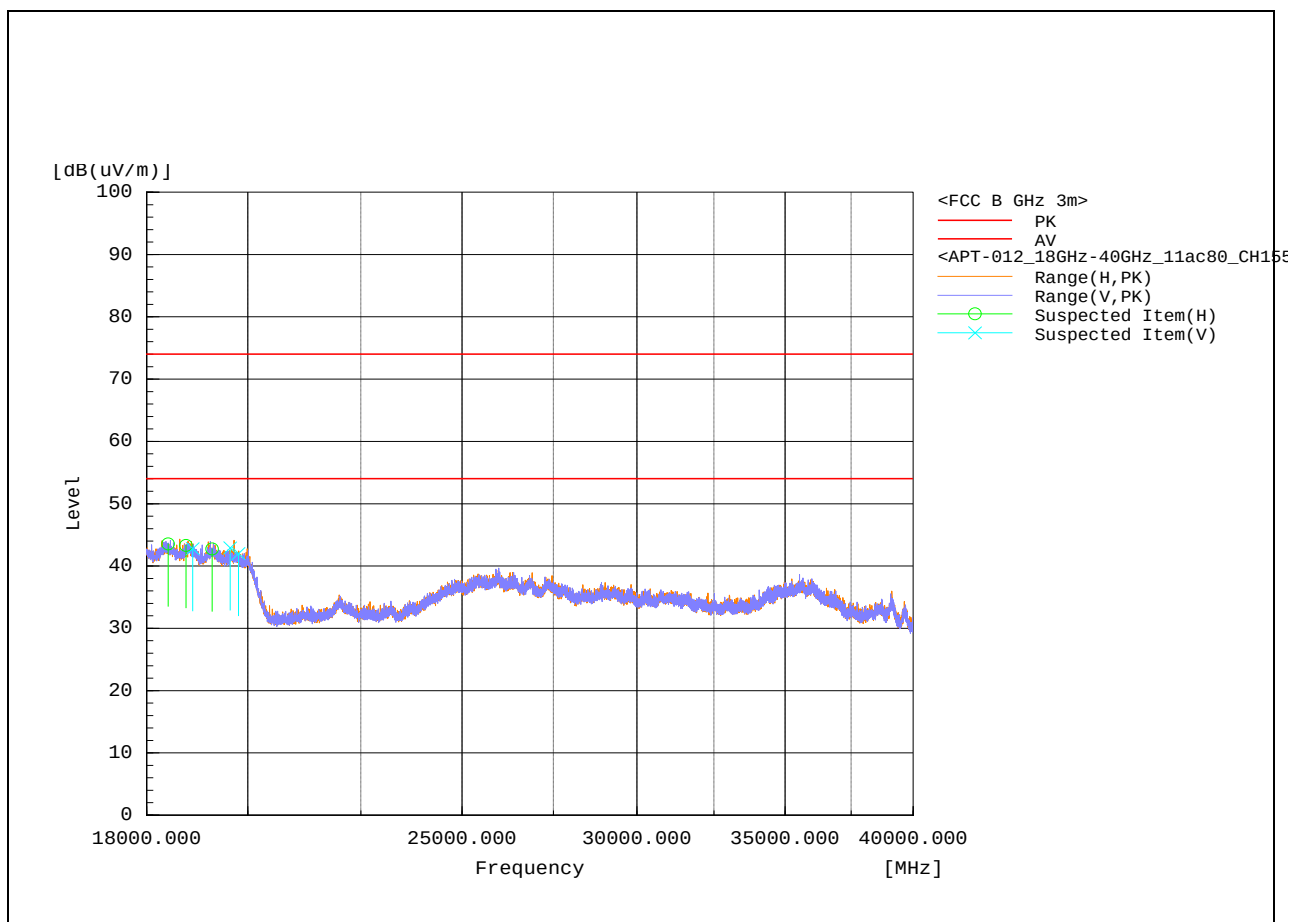


18-40GHz – 802.11ax80 Channel 155

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No.	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18407	H	38.8	4.7	43.5	54	74	10.5	30.5	200	4.5	Pass
2	18752.4	H	38.8	4.5	43.3	54	74	10.7	30.7	250	140.2	Pass
3	19271.6	H	39.1	3.6	42.7	54	74	11.3	31.3	150	10.4	Pass
4	19636.8	V	39.6	3.3	42.9	54	74	11.1	31.1	150	5.5	Pass
5	18882.2	V	38.6	4.2	42.8	54	74	11.2	31.2	300	151.4	Pass
6	19806.2	V	38.6	3.4	42	54	74	12	32	350	77.5	Pass

REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.

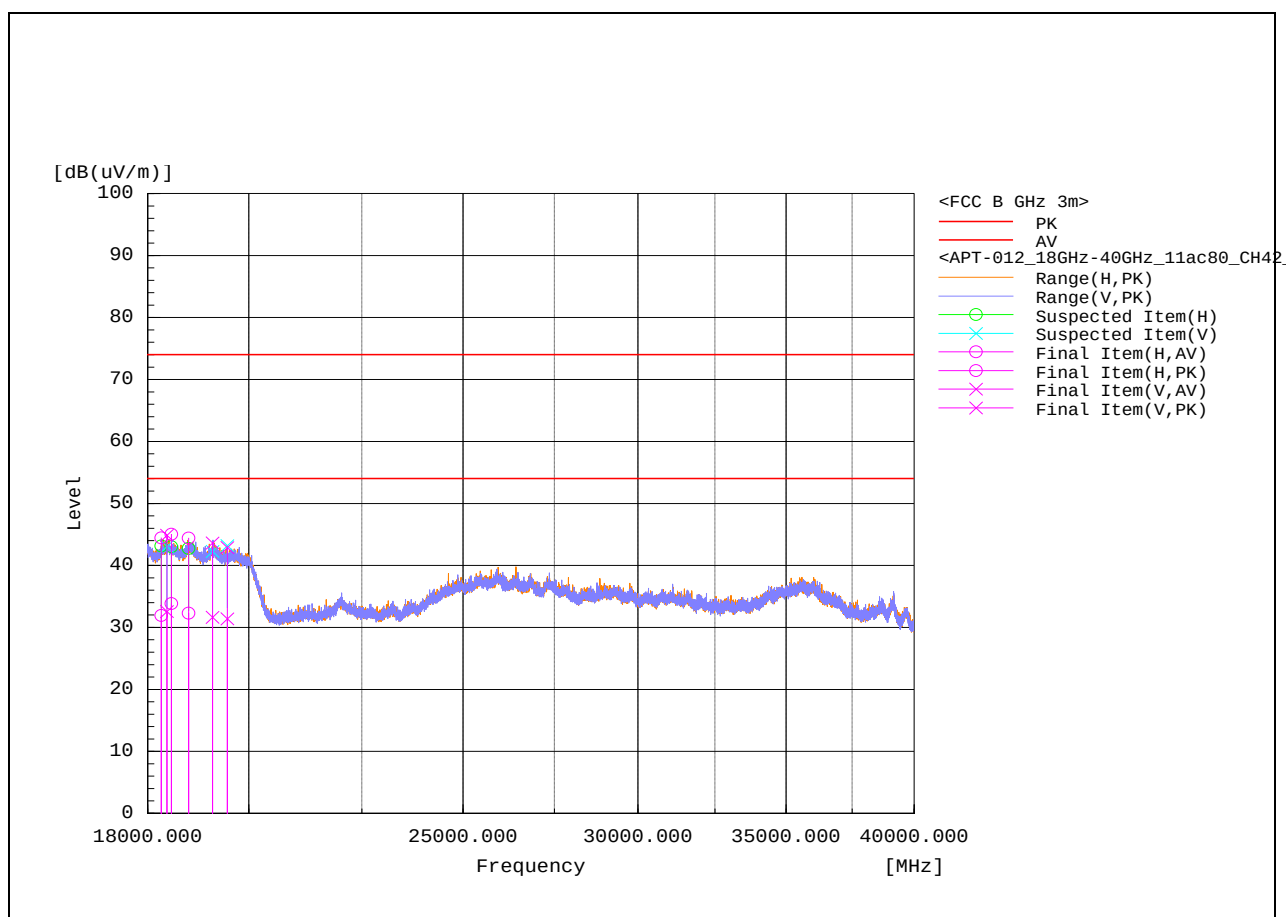


18-40GHz – 802.11ac80 Channel 42

		Antenna Polarity & Test Distance: Vertical and Horizontal at 3m											
No .	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Level AVdB(uV/m)	Limit AV dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18255.35	H	39.5	4.9	31.9	31.9	54	74	22.1	29.6	117	9.7	Pass
2	18363.37	V	40.2	4.7	32.6	32.6	54	74	21.4	29.1	389	147.2	Pass
3	18449.88	H	40.1	4.9	33.8	33.8	54	74	20.2	29	382	0	Pass
4	18784.03	H	40.2	4.2	32.3	32.3	54	74	21.7	29.6	352	145.3	Pass
5	19258.73	V	40.1	3.6	31.6	31.6	54	74	22.4	30.4	306	128.1	Pass
6	19558.03	V	39.3	3.5	31.4	31.4	54	74	22.6	31.1	125	112.7	Pass

REMARKS:

- Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
- AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
- Margin value = Emission level – Limit value.

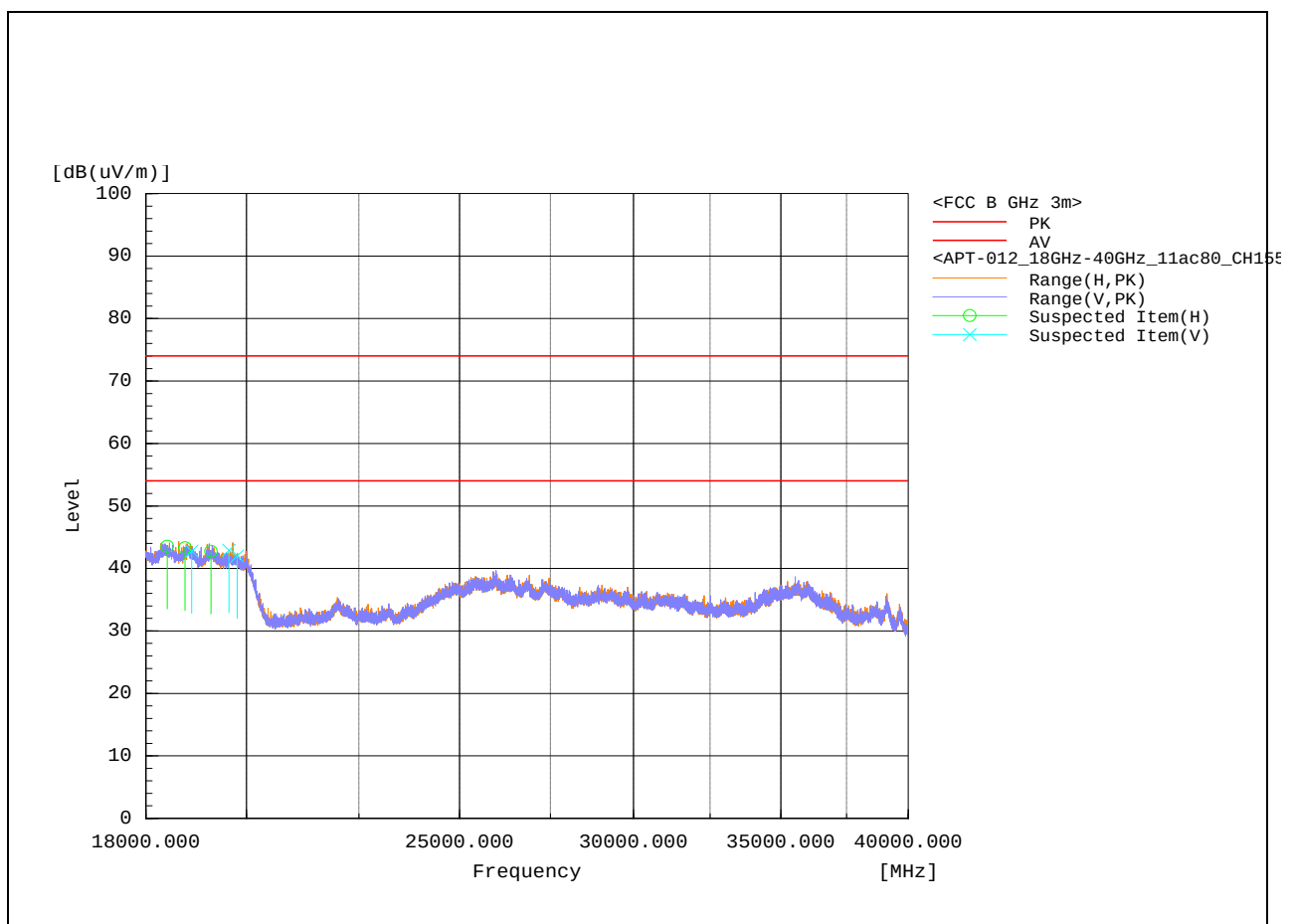


18-40GHz – 802.11ac80 Channel 155

Antenna Polarity & Test Distance: Vertical and Horizontal at 3m												
No .	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level PK dB(uV/m)	Limit AV dB(uV/m)	Limit PK dB(uV/m)	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	18407	H	38.8	4.7	43.5	54	74	10.5	30.5	200	4.5	Pass
2	18752.4	H	38.8	4.5	43.3	54	74	10.7	30.7	250	140.2	Pass
3	19271.6	H	39.1	3.6	42.7	54	74	11.3	31.3	150	10.4	Pass
4	19636.8	V	39.6	3.3	42.9	54	74	11.1	31.1	150	5.5	Pass
5	18882.2	V	38.6	4.2	42.8	54	74	11.2	31.2	300	151.4	Pass
6	19806.2	V	38.6	3.4	42	54	74	12	32	350	77.5	Pass

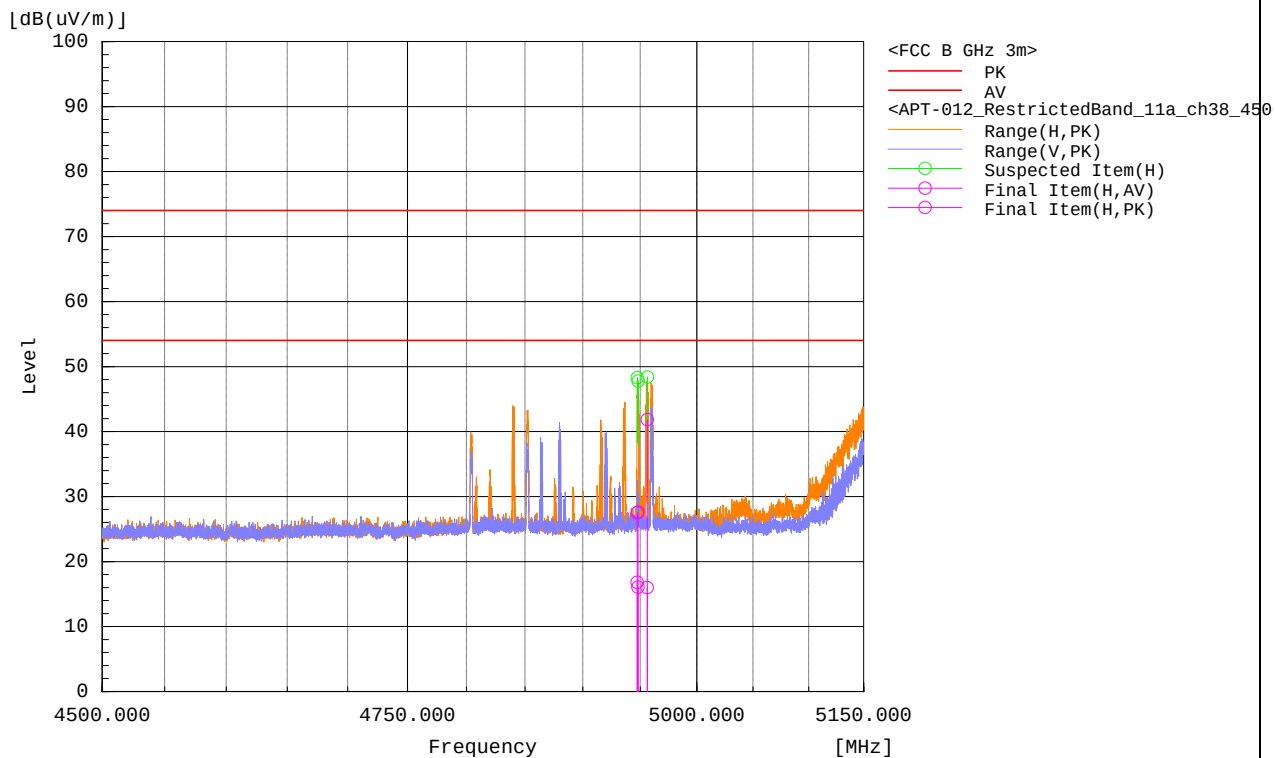
REMARKS:

1. Emission level (dBuV/m) = Reading Value (dBuV) + Factor (dB)
2. AF (dB/m) = Antenna Factor (dB/m) – Preamplifier Gain (dB).
3. Margin value = Emission level – Limit value.



RESTRICTED BAND Test Plots

802.11n20; Ch36

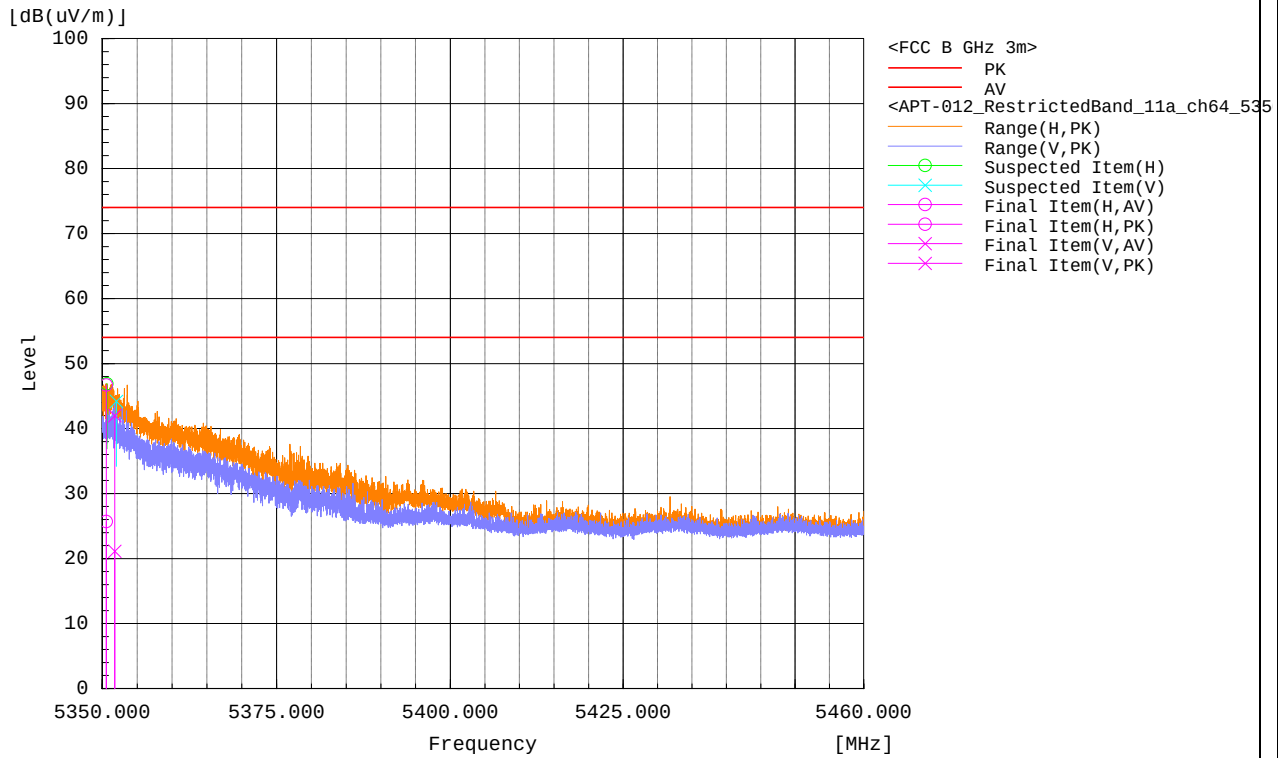


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	4947.359	H	22.7	33.4	-5.9	16.8	27.5	54	74	37.2	46.5	238	160.3	Pass
2	4948.092	H	21.9	33.5	-5.9	16	27.6	54	74	38	46.4	234	173.1	Pass
3	4956.248	H	21.9	47.7	-5.9	16	41.8	54	74	38	32.2	117	359.9	Pass

RESTRICTED BAND

802.11n20; ch 64

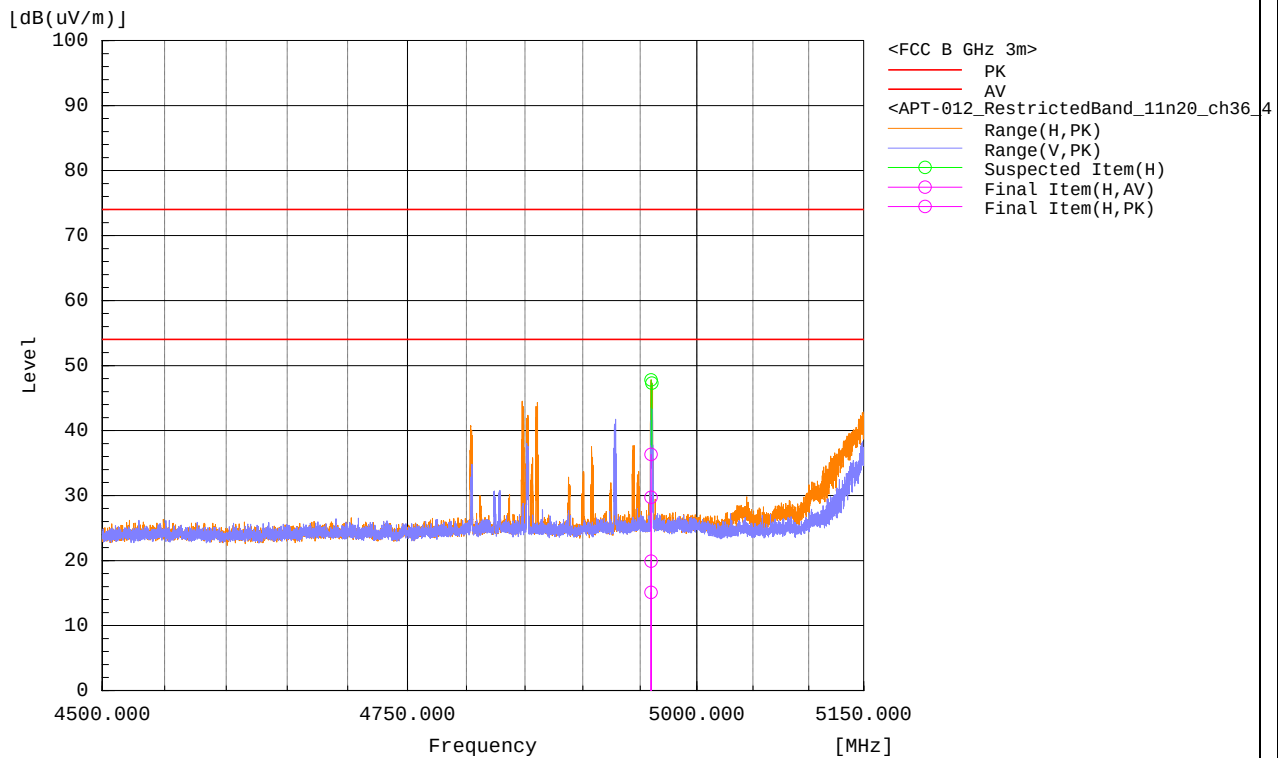


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5350.573	H	31.6	52.6	-5.9	25.7	46.7	54	74	28.3	27.3	103	353.3	Pass
2	5351.787	V	27	47.9	-5.9	21.1	42	54	74	32.9	32	238	318	Pass

RESTRICTED BAND Test Plots

802.11ac20; Ch36

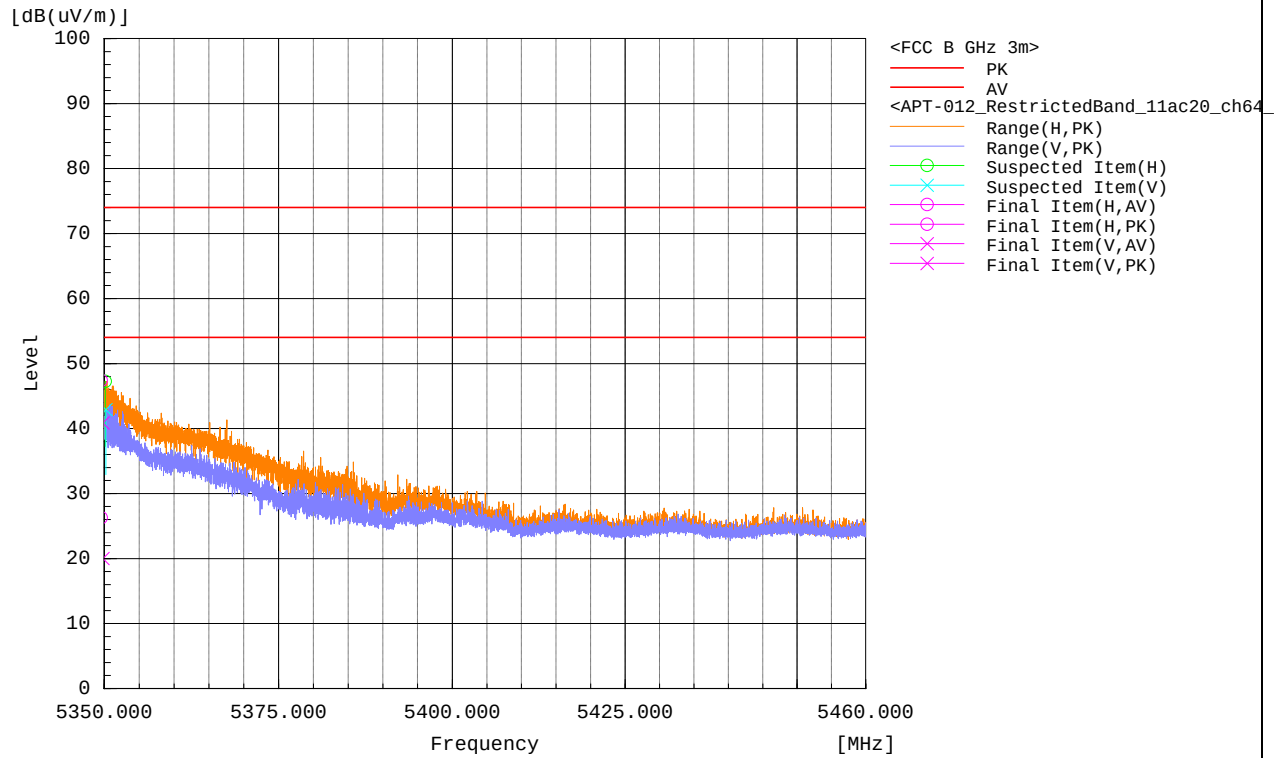


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	4959.519	H	21	35.6	-5.9	15.1	29.7	54	74	38.9	44.3	359	17.4	Pass
2	4959.59	H	25.8	42.2	-5.9	19.9	36.3	54	74	34.1	37.7	253	49	Pass

RESTRICTED BAND

802.11ac20; ch 64

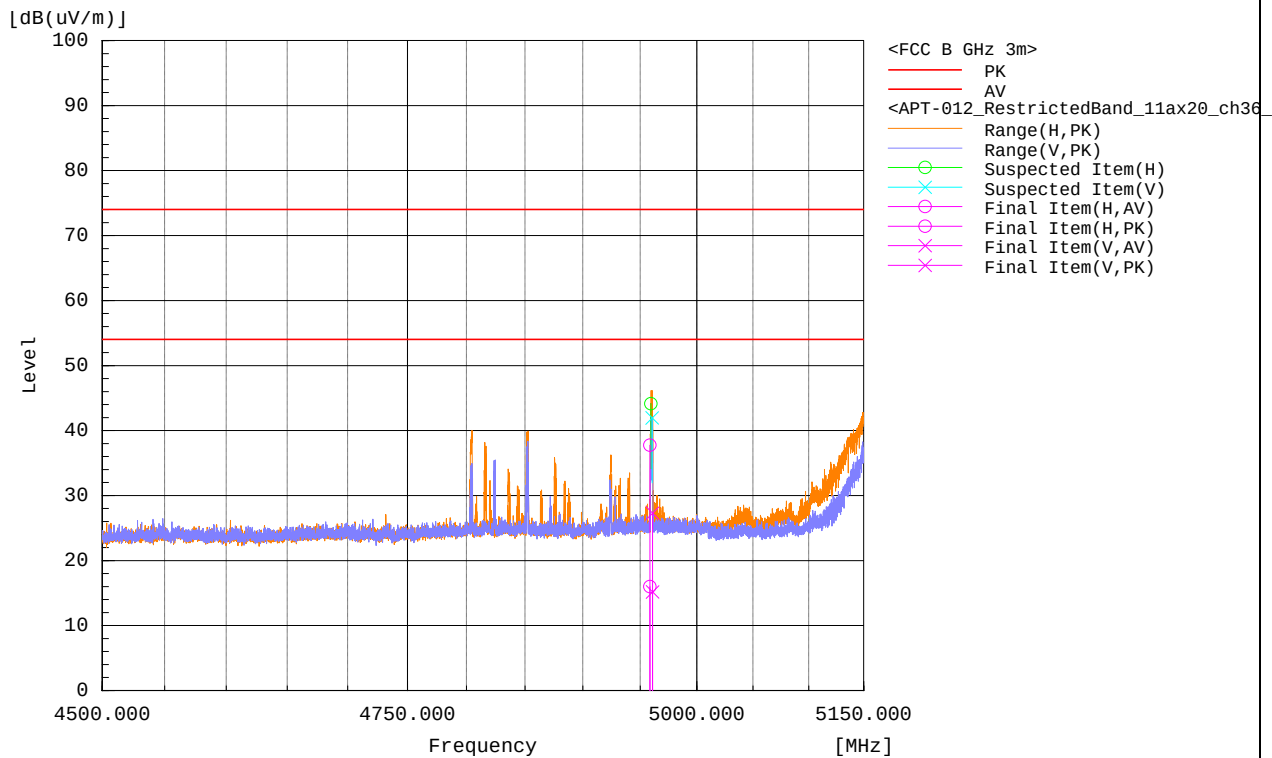


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5349.559	H	32.2	53.3	-5.9	26.3	47.4	54	74	27.7	26.6	132	342.4	Pass
2	5349.794	V	25.9	46.8	-5.9	20	40.9	54	74	34	33.1	117	230.6	Pass

RESTRICTED BAND Test Plots

802.11ax20; Ch36

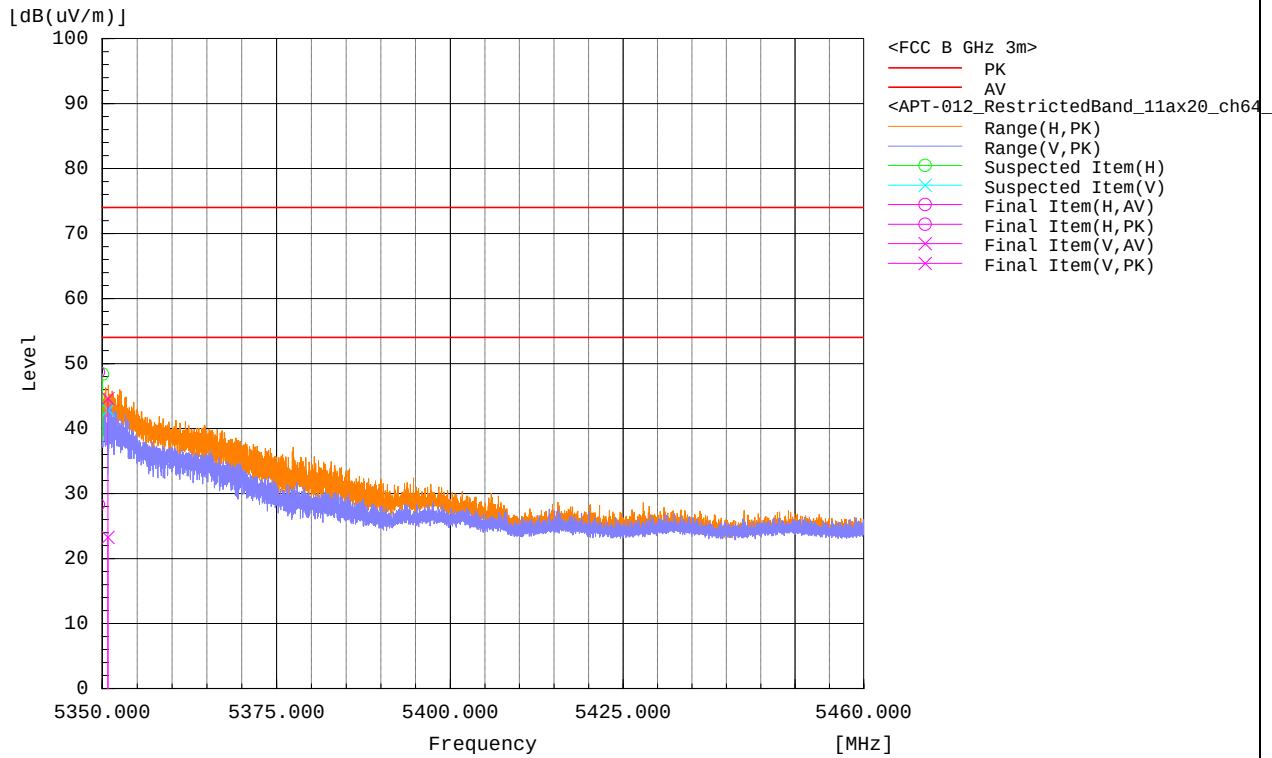


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	4958.524	H	21.9	43.6	-5.9	16	37.7	54	74	38	36.3	132	40.6	Pass
2	4960.897	V	21.1	33.2	-5.9	15.2	27.3	54	74	38.8	46.7	400	230.3	Pass

RESTRICTED BAND

802.11ax20; ch 64

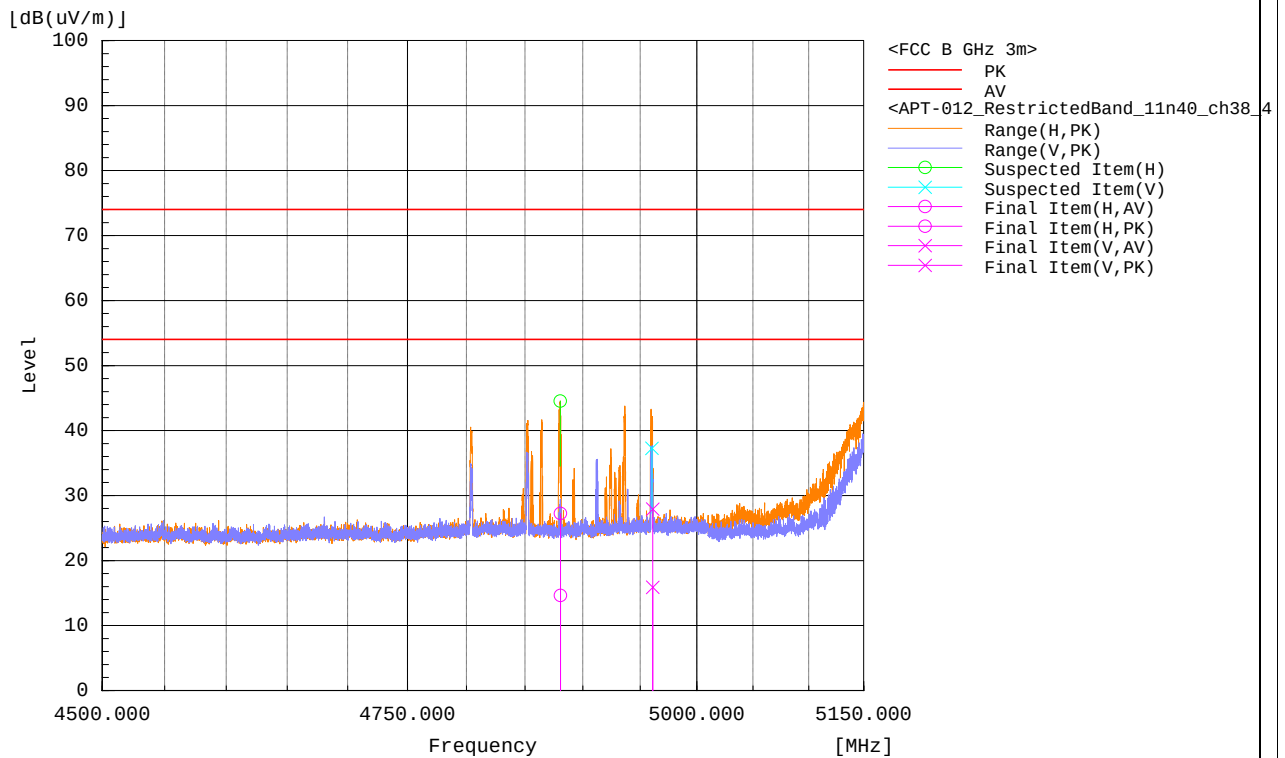


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5349.446	H	34.2	54.6	-5.9	28.3	48.7	54	74	25.7	25.3	117	318.6	Pass
2	5350.804	V	29.2	50.5	-5.9	23.3	44.6	54	74	30.7	29.4	103	43.2	Pass

RESTRICTED BAND Test Plots

802.11n40; Ch38

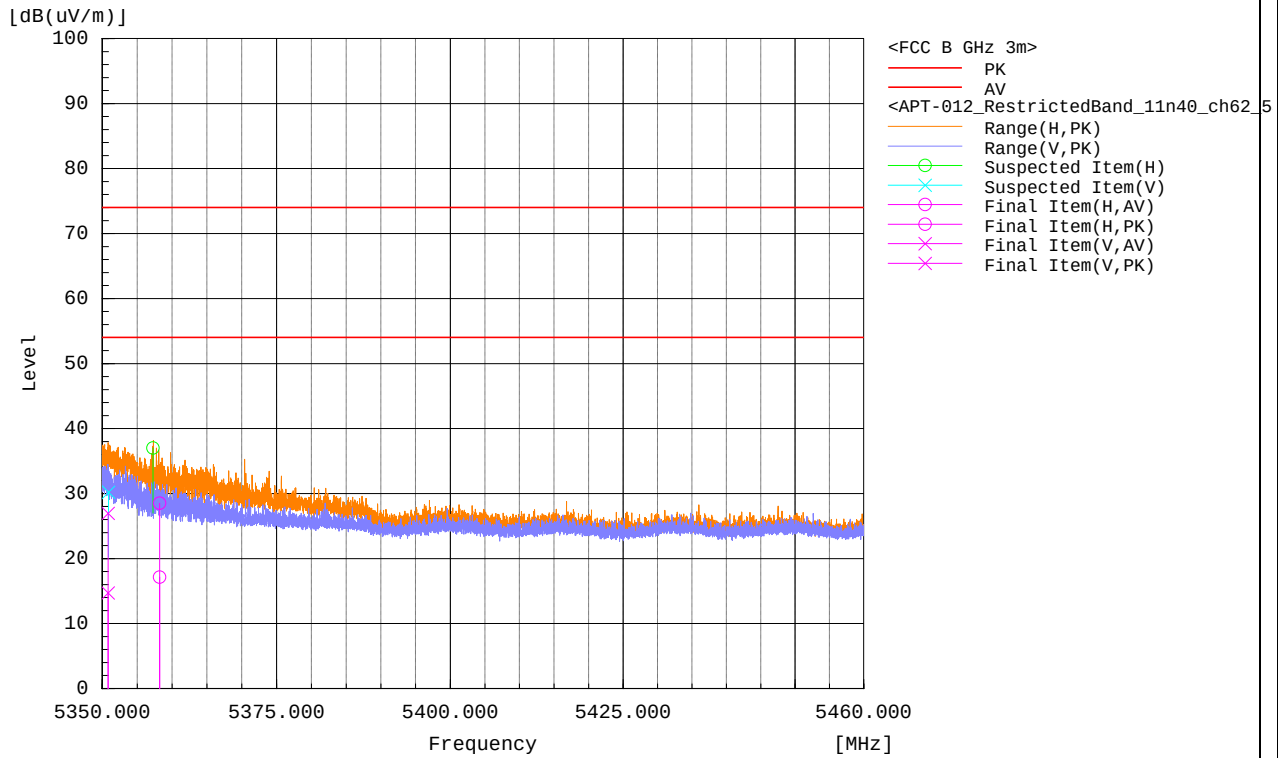


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	4880.618	H	20.6	33.3	-6	14.6	27.3	54	74	39.4	46.7	103	183.8	Pass
2	4961.084	V	21.8	33.8	-5.9	15.9	27.9	54	74	38.1	46.1	268	3	Pass

RESTRICTED BAND

802.11n40; ch 62

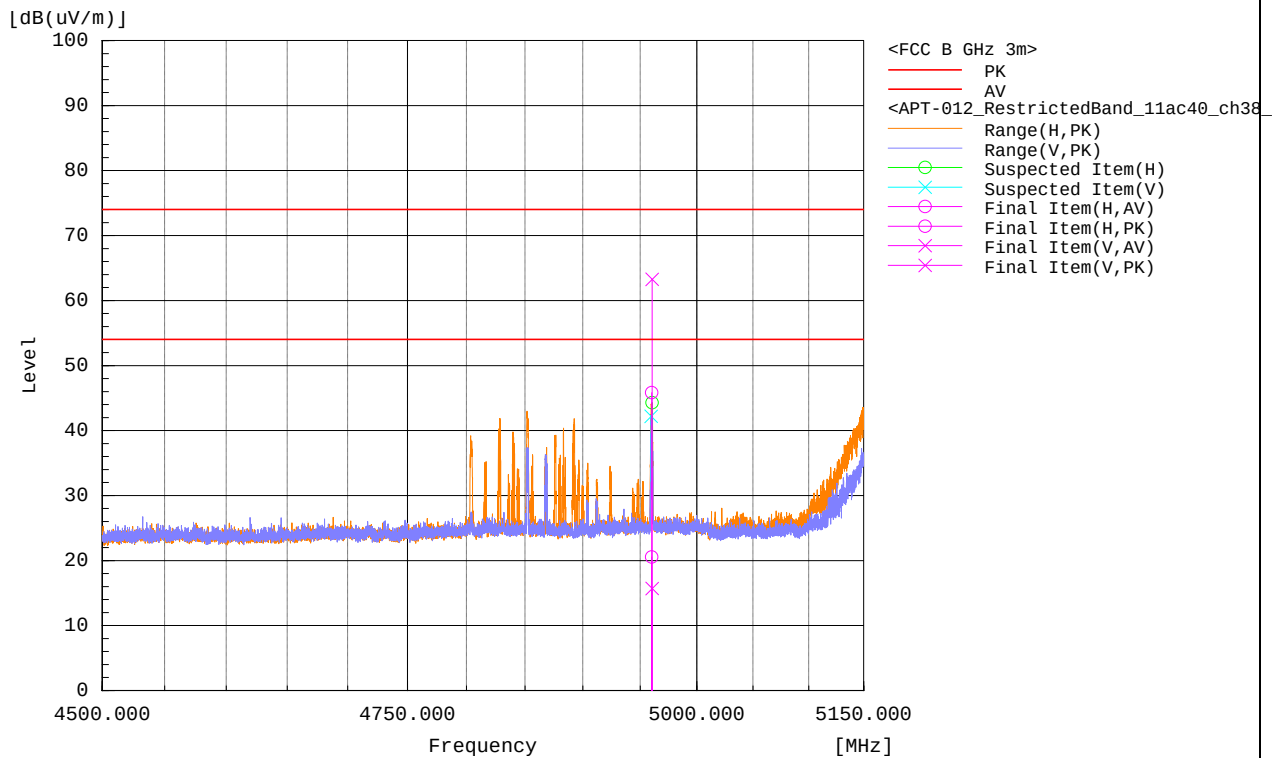


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5350.849	V	20.6	32.9	-5.9	14.7	27	54	74	39.3	47	359	332.1	Pass
2	5358.202	H	22.9	34.3	-5.8	17.1	28.5	54	74	36.9	45.5	117	185.4	Pass

RESTRICTED BAND Test Plots

802.11ac40; Ch38

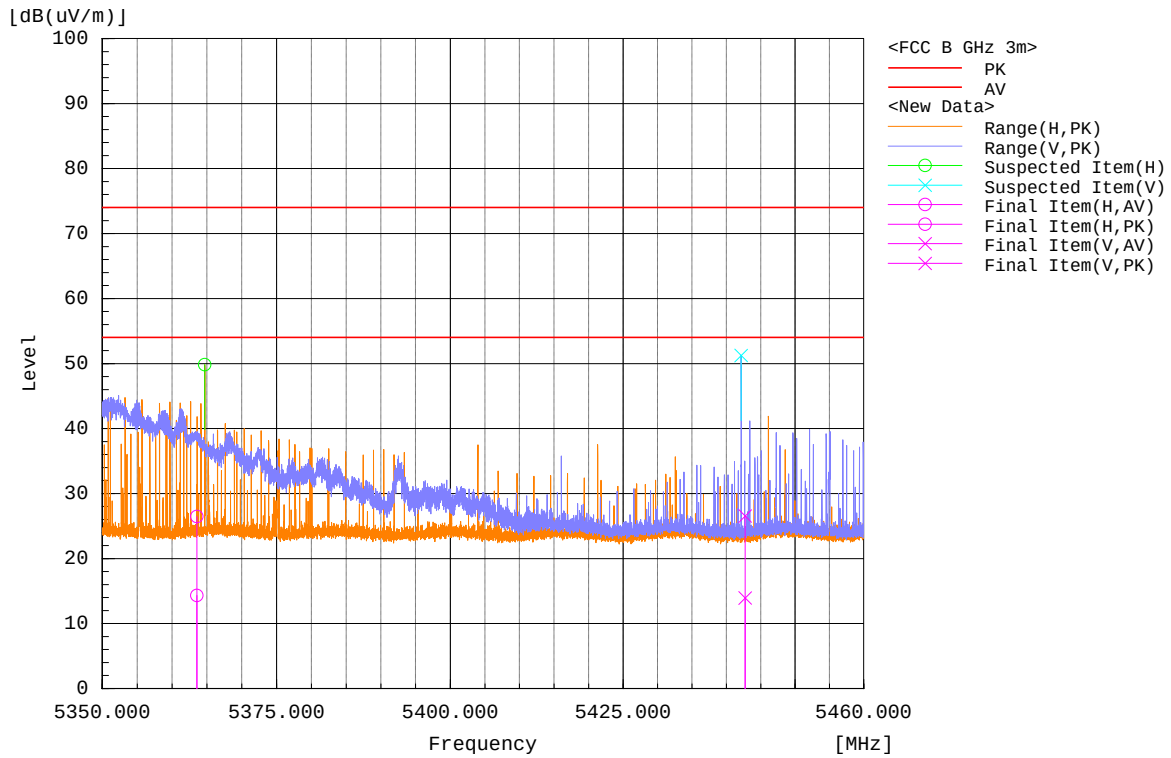


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	4960.498	V	21.6	69.2	-5.9	15.7	63.3	54	74	38.3	10.7	223	238.8	Pass
2	4960.209	H	26.4	51.7	-5.9	20.5	45.8	54	74	33.5	28.2	147	50.4	Pass

RESTRICTED BAND

802.11ac40; ch 62

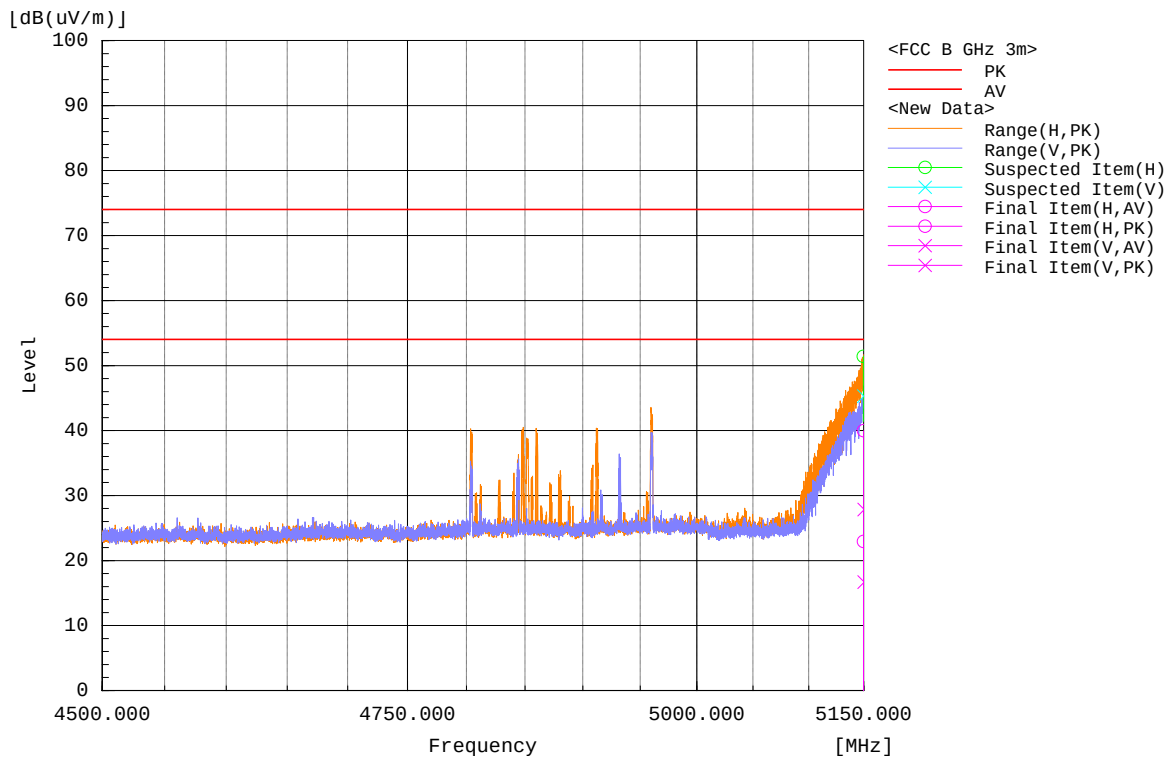


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5363.537	H	20.1	32.3	-5.8	14.3	26.5	54	74	39.7	47.5	177	115.2	Pass
2	5442.729	V	19.6	32.3	-5.7	13.9	26.6	54	74	40.1	47.4	117	0	Pass

RESTRICTED BAND Test Plots

802.11ax40; Ch38

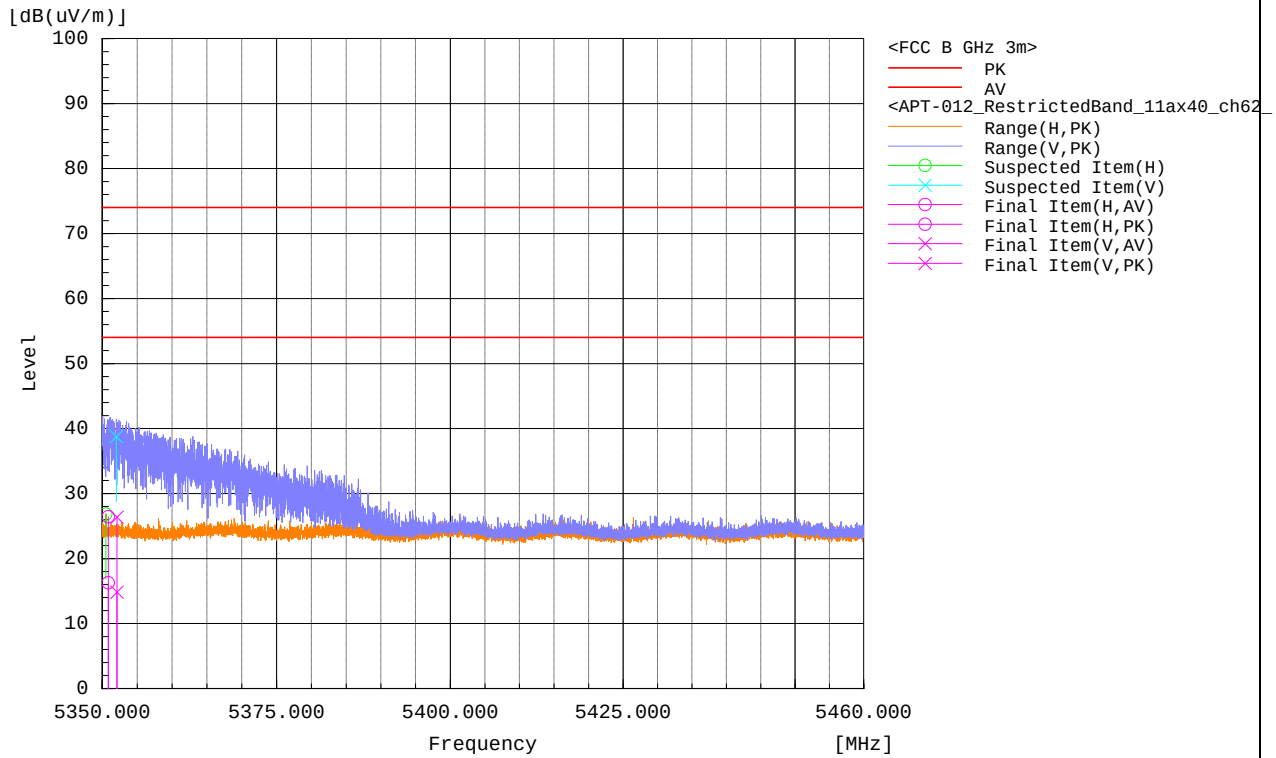


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No .	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5149.867	H	28.6	45.7	-5.7	22.9	40	54	74	31.1	34	208	342.7	Pass
2	5150.44	V	22.4	33.5	-5.7	16.7	27.8	54	74	37.3	46.2	132	33.3	Pass

RESTRICTED BAND

802.11ax40; ch 62

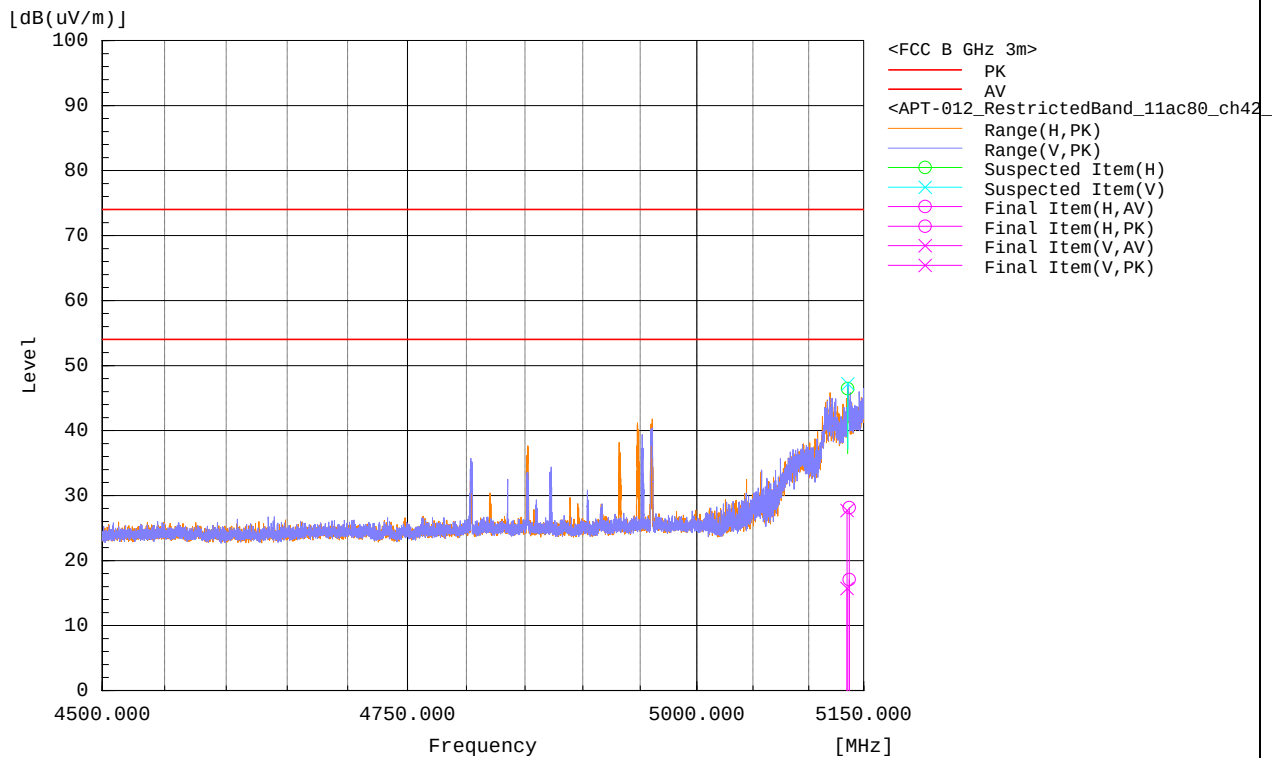


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5350.862	H	22.2	32.3	-5.9	16.3	26.4	54	74	37.7	47.6	253	105.8	Pass
2	5352.1	V	20.8	32.3	-5.9	14.9	26.4	54	74	39.1	47.6	268	135.4	Pass

RESTRICTED BAND Test Plots

802.11ac80; Ch42

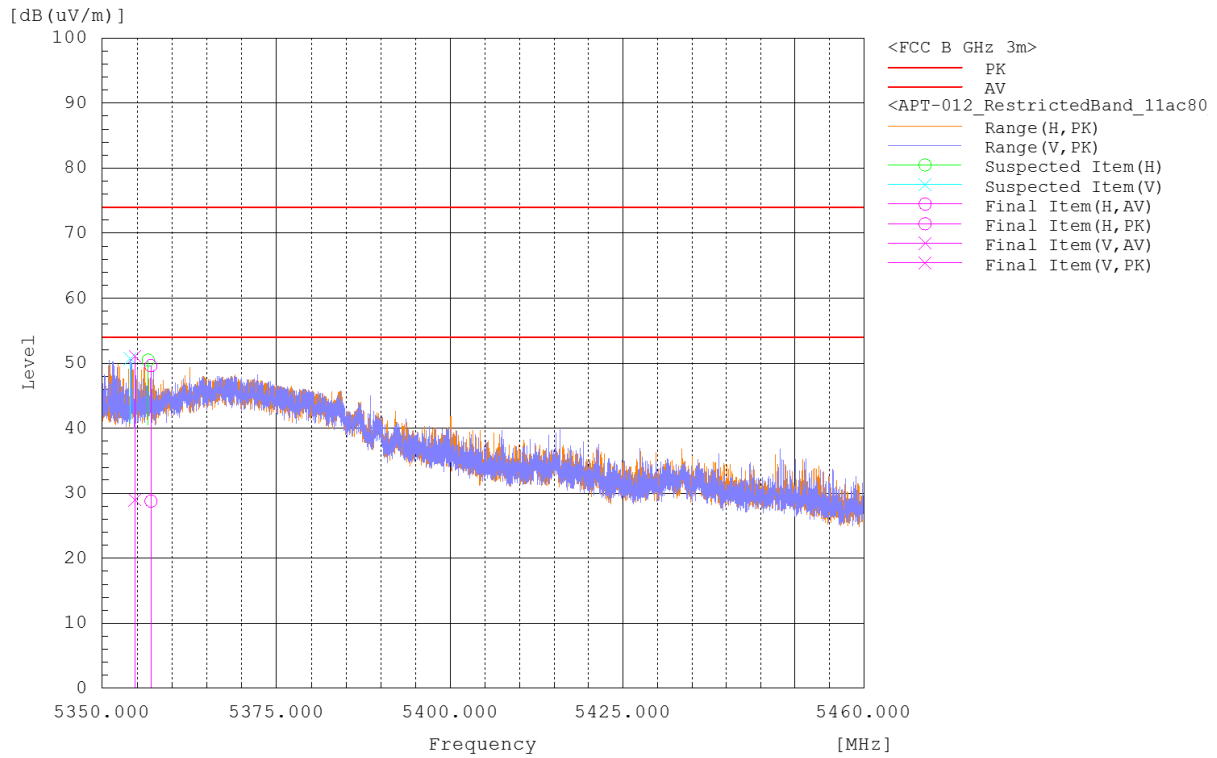


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5136.734	H	22.9	33.9	-5.8	17.1	28.1	54	74	36.9	45.9	223	287.2	Pass
2	5134.771	V	21.5	33.5	-5.8	15.7	27.7	54	74	38.3	46.3	314	264.2	Pass

RESTRICTED BAND

802.11ac80; ch 58

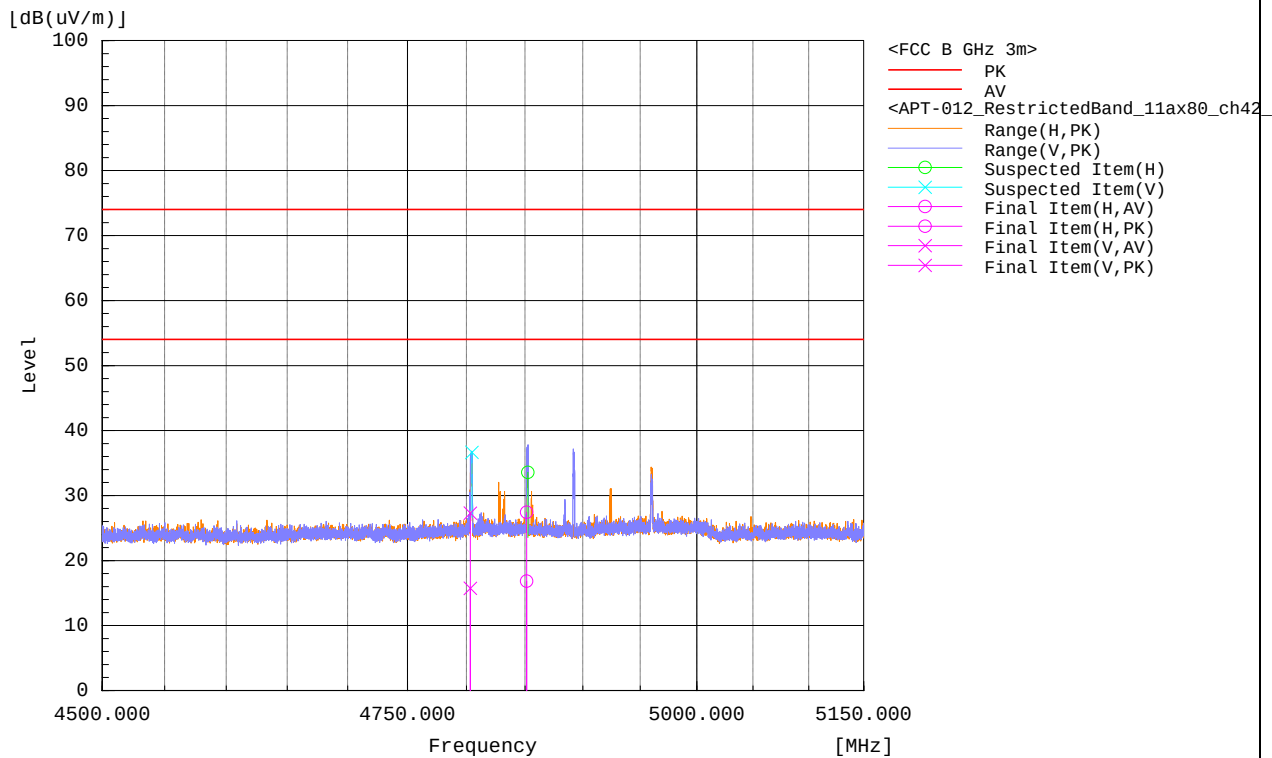


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5354.695	V	34.7	56.9	-5.8	28.9	51.1	54	74	25.1	22.9	192	287.2	Pass
2	5356.977	H	34.6	55.4	-5.8	28.8	49.6	54	74	25.2	24.4	100	244.9	Pass

RESTRICTED BAND Test Plots

802.11ax80; Ch42

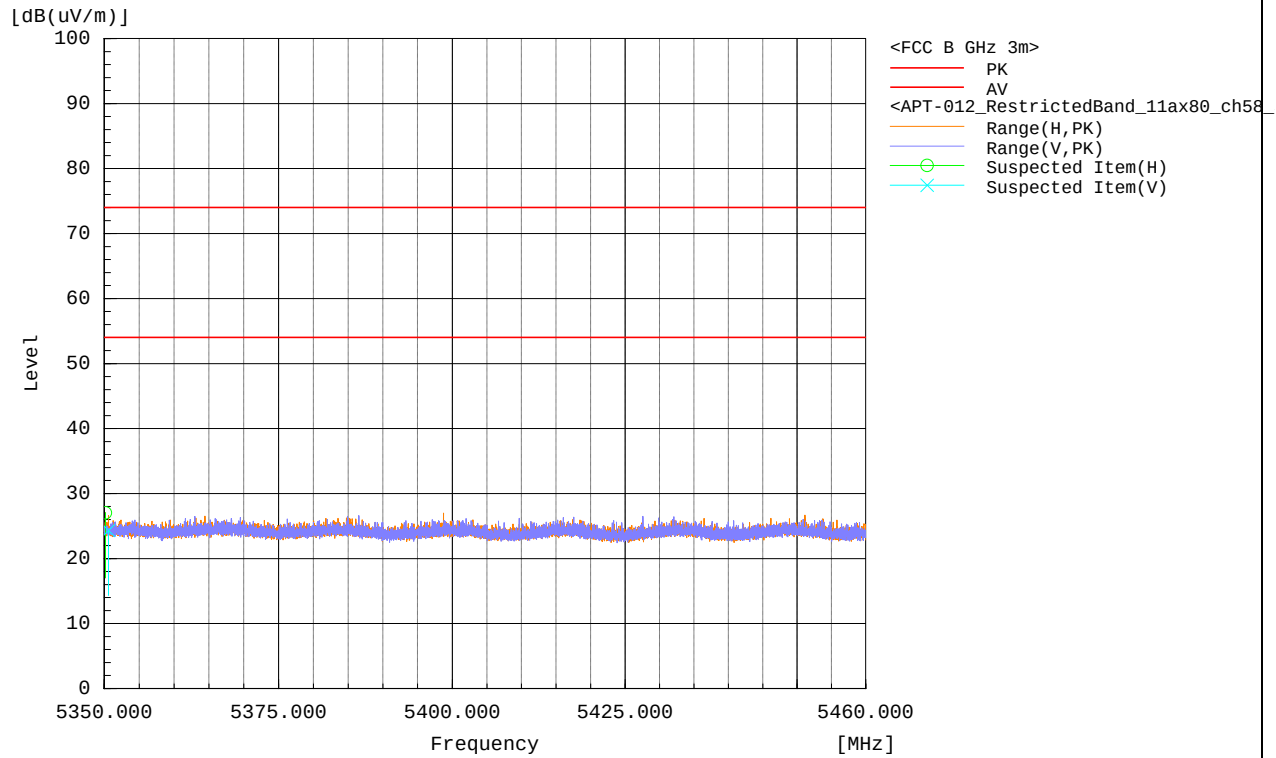


Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading AV [dB(uV)]	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	4803.171	V	21.7	33.3	-6	15.7	27.3	54	74	38.3	46.7	329	167.2	Pass
2	4851.475	H	22.8	33.4	-6	16.8	27.4	54	74	37.2	46.6	329	300.9	Pass

RESTRICTED BAND

802.11ax80; ch 58



Antenna Polarity & Test Distance: Vertical and Horizontal at 3m

No.	Frequency (MHz)	Polarization (H/V)	Reading PK [dB(uV)]	Factor [dB(1/m)]	Level AV [dB(uV/m)]	Level PK dB(uV/m)	Limit PK [dB(uV/m)]	Margin AV [dB]	Margin PK [dB]	Height (cm)	Angle (Deg)	Pass/Fail
1	5350.176	H	32.9	-5.9	27	54	74	27	47	100	331.2	Pass
2	5350.605	V	30.2	-5.9	24.3	54	74	29.7	49.7	200	135.7	Pass

4.3 Conducted Emission Measurement

4.3.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies.

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.3.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Date Of Calibration	Due Date Of Calibration
EMI Test Receiver ROHDE & SCHWARZ	ESIB 40	100179	08/28/2020	08/28/2021
Transient Limiter ELECTRO-METRICS	EM-7600-5	106	12/31/2020	12/31/2021
LISN EMCO	3816/2NM	214372	03/10/2020	03/10/2021

4.3.3 Test Procedure

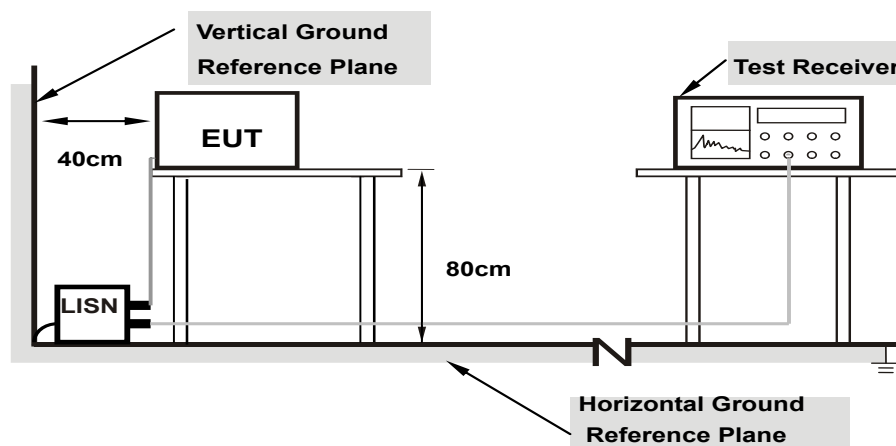
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: All modes of operation were investigated and the worst-case emissions are reported.

4.3.4 Deviation from Test Standard

No deviation.

4.3.5 Test Setup



Note: 1. Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).
2. Support units were connected to the LISN at least 80cm from other units and other metal planes

4.3.6 EUT Operating Condition

Same as 4.1.6.

4.3.7 Test Results

N/A

4.4 Transmit Power Measurement

4.4.1 Limits of Transmit Power Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Client device	250mW (24 dBm)
U-NII-2A	---		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	---		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	---		1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

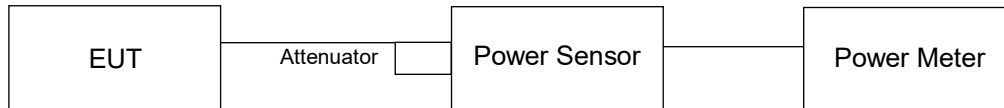
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

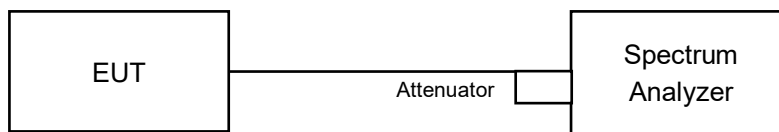
For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

4.4.2 Test Setup FOR POWER OUTPUT MEASUREMENT

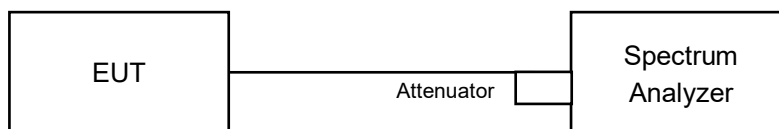
◆ Power Meter Measurement



◆ Spectrum Measurement



FOR 26dB OCCUPIED BANDWIDTH



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test Procedure

For Average Power Measurement

For 802.11a, 802.11n (HT20), 802.11n (HT40)

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst and set the detector to AVERAGE. Duty factor is not added to measured value.

For 802.11ac (VHT80)

- 1) Set span to encompass the entire 26 dB EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
- 2) Set sweep trigger to "free run".
- 3) Set RBW = 1 MHz.
- 4) Set VBW $\geq$ 3 MHz
- 5) Number of points in sweep $\geq$ 2 Span / RBW.
- 6) Sweep time $\leq$ (number of points in sweep) * T
- 7) Using emission bandwidth to determine the frequency span for integration the channel bandwidth.
- 8) Detector = RMS.
- 9) Trace mode = max hold.
- 10) Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

◆ Power Meter Measurement

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

◆ Spectrum Measurement

Follow FCC KDB 789033 UNII test procedure:

Method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1MHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Number of points in sweep ≥ 2 Span / RBW.
5. Sweep time = auto.
6. Set trigger to free run (duty cycle ≥ 98 percent)
7. Detector = RMS.
8. Trace average at least 100 traces in power averaging mode
9. Compute power by integrating the spectrum across the 26 dB EBW of the signal.

Follow FCC KDB 789033 UNII test procedure:

Method SA-2

1. Set span to encompass the emission bandwidth (EBW) of the signal.
2. Set RBW = 1MHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Number of points in sweep ≥ 2 Span / RBW.
5. Sweep time = auto.
6. Detector = RMS.
7. Trace average at least 100 traces in power averaging mode
8. Compute power by integrating the spectrum across the 26 dB EBW of the signal.
9. Duty factor need added to measured value (duty cycle < 98 percent).

FOR 26dB OCCUPIED BANDWIDTH

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW $>$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

4.4.5 Deviation from Test Standard

No deviation.

4.4.6 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.4.7 All conducted test Results

Path B: Internal Antenna, Output Power measurement result for UNII-1 Band

Mode	Channel	Frequency MHz	Conducted power (average) dBm	Conducted power Limit dBm
802.11a	36	5180	8.41	24
	40	5200	8.10	24
	48	5240	8.01	24
	149	5745	6.91	30
	157	5785	6.02	30
	165	5825	5.71	30
802.11n 20	36	5180	8.60	24
	40	5200	8.28	24
	48	5240	8.71	24
	149	5745	7.00	30
	157	5785	6.54	30
	165	5825	5.82	30
802.11ac 20	36	5180	8.27	24
	40	5200	8.28	24
	48	5240	8.57	24
	149	5745	7.01	30
	157	5785	6.47	30
	165	5825	5.80	30
802.11ax 20	36	5180	6.71	24
	40	5200	6.68	24
	48	5240	6.53	24
	149	5745	5.44	30
	157	5785	4.71	30
	165	5825	5.80	30
802.11n 40	38	5180	8.53	24
	46	5200	8.41	24
	151	5755	7.29	24
	159	5795	6.31	24
802.11ac 40	38	5180	8.51	24
	46	5200	8.39	24
	151	5755	7.22	24
	159	5795	6.27	24
802.11ax 40	38	5180	6.79	24
	46	5200	6.75	24
	151	5755	5.70	24

	159	5795	4.78	24
802.11ax 80	42	5210	8.44	24
	155	5775	6.79	24
802.11ac 80	42	5210	8.75	24
	155	5775	7.04	24

Path A: External Antenna, Output Power measurement result for UNII-1 Band

Mode	Channel	Frequency MHz	Conducted power (average) dBm	Conducted power Limit dBm
802.11a	36	5180	9.86	24
	40	5200	10.23	24
	48	5240	10.3	24
	149	5745	9.44	30
	157	5785	9.45	30
	165	5825	9.45	30
6802.11n 20	36	5180	9.80	24
	40	5200	10.34	24
	48	5240	9.06	24
	149	5745	9.06	30
	157	5785	11.20	30
	165	5825	11.16	30
802.11ac 20	36	5180	9.23	24
	40	5200	9.83	24
	48	5240	8.93	24
	149	5745	10.97	30
	157	5785	10.66	30
	165	5825	10.68	30
802.11ax 20	36	5180	9.41	24
	40	5200	10.11	24
	48	5240	9.01	24
	149	5745	11.15	30
	157	5785	10.85	30
	165	5825	10.81	30
802.11n 40	38	5190	9.41	24
	46	5230	8.83	24
	151	5755	10.34	24
	159	5795	10.51	24
802.11ac 40	38	5190	9.54	24
	46	5230	9.23	24
	151	5755	10.79	24
	159	5795	10.57	24
	38	5190	8.9	24

802.11ax 40	46	5230	9.41	24
	151	5755	11.12	24
	159	5795	10.87	24
802.11ax 80	42	5210	9.49	24
	155	5775	10.86	24
802.11ac 80	42	5210	9.17	24
	155	5775	10.5	24

Path A+B, Output Power measurement

Mode	Channel	Frequency MHz	Path A	Path B	Path A Conducted power Linear(mW)	Path B	Path A+B
			Conducted power (average) dBm	Conducted power (average) dBm		Conducted power Linear(mW)	Conducted power Linear(mW)
802.11a	36	5180	9.86	8.41	9.682779	6.934258	16.61704
	40	5200	10.23	8.1	10.54387	6.456542	17.00041
	48	5240	10.3	8.01	10.71519	6.324119	17.03931
	149	5745	9.44	6.91	8.790225	4.909079	13.6993
	157	5785	9.45	6.02	8.810489	3.999447	12.80994
	165	5825	9.45	5.71	8.810489	3.723917	12.53441
6802.11n 20	36	5180	9.8	8.6	9.549926	7.24436	16.79429
	40	5200	10.34	8.28	10.81434	6.729767	17.54411
	48	5240	9.06	8.71	8.053784	7.430191	15.48398
	149	5745	9.06	7	8.053784	5.011872	13.06566
	157	5785	11.2	6.54	13.18257	4.508167	17.69073
	165	5825	11.16	5.82	13.06171	3.819443	16.88115
802.11ac 20	36	5180	9.23	8.27	8.375293	6.714289	15.08958
	40	5200	9.83	8.28	9.616123	6.729767	16.34589
	48	5240	8.93	8.57	7.816278	7.19449	15.01077
	149	5745	10.97	7.01	12.50259	5.023426	17.52602
	157	5785	10.66	6.47	11.64126	4.436086	16.07735
	165	5825	10.68	5.8	11.69499	3.801894	15.49689
802.11ax 20	36	5180	9.41	6.71	8.729714	4.688134	13.41785
	40	5200	10.11	6.68	10.25652	4.655861	14.91238
	48	5240	9.01	6.53	7.961594	4.497799	12.45939
	149	5745	11.15	5.44	13.03167	3.499452	16.53112
	157	5785	10.85	4.71	12.16186	2.958012	15.11987
	165	5825	10.81	5.8	12.05036	3.801894	15.85225
802.11n 40	38	5190	9.41	8.53	8.729714	7.12853	15.85824
	46	5230	8.83	8.41	7.638358	6.934258	14.57262
	151	5755	10.34	7.29	10.81434	5.357967	16.17231
	159	5795	10.51	6.31	11.24605	4.275629	15.52168
802.11ac 40	38	5190	9.54	8.51	8.994976	7.095778	16.09075
	46	5230	9.23	8.39	8.375293	6.902398	15.27769

	151	5755	10.79	7.22	11.99499	5.272299	17.26729
	159	5795	10.57	6.27	11.4025	4.23643	15.63893
802.11ax 40	38	5190	8.9	6.79	7.762471	4.775293	12.53776
	46	5230	9.41	6.75	8.729714	4.731513	13.46123
	151	5755	11.12	5.7	12.94196	3.715352	16.65731
	159	5795	10.87	4.78	12.218	3.006076	15.22407
802.11ax 80	42	5210	9.49	8.44	8.892011	6.982324	15.87434
	155	5775	10.86	6.79	12.1899	4.775293	16.96519
802.11ac 80	42	5210	9.17	8.75	8.260379	7.498942	15.75932
	155	5775	10.5	7.04	11.22018	5.058247	16.27843

4.4.8 TEST RESULT OBW, 6DB AND 26DB BANDWIDTH

Path B

Mode	Channel	Frequency MHz	26-dB Bandwidth,	Occupied Bandwidth,
			MHz	MHz
802.11a	36	5180	19.72	16.536
	40	5200	20.06	16.718
	48	5240	19.79	16.635
	149	5745	20.02	16.688
	157	5785	19.84	16.691
	165	5825	20.02	16.668
802.11n 20	36	5180	20.08	17.711
	40	5200	20.38	17.720
	48	5240	20.26	17.690
	149	5745	20.20	17.696
	157	5785	20.20	17.702
	165	5825	20.50	17.670
802.11ac 20	36	5180	20.38	17.686
	40	5200	20.68	17.686
	48	5240	20.38	17.688
	149	5745	20.68	17.680
	157	5785	20.14	17.716
	165	5825	20.50	17.685
802.11ax 20	36	5180	19.54	16.550
	40	5200	19.66	16.550
	48	5240	19.60	16.553
	149	5745	19.54	16.557
	157	5785	19.66	16.551
	165	5825	19.66	16.548

802.11n 40	38	5180	40.80	36.230
	46	5200	40.80	36.301
	151	5755	40.80	36.304
	159	5795	41.12	36.257
802.11ac 40	38	5180	40.58	36.226
	46	5200	40.80	36.264
	151	5755	40.69	36.292
	159	5795	40.80	36.279
802.11ax 40	38	5180	40.80	37.613
	46	5200	40.58	37.605
	151	5755	41.23	37.616
	159	5795	41.23	37.614
802.11ax 80	42	5210	81.84	77.723
	155	5775	81.84	78.059
802.11ac 80	42	5210	82.52	76.156
	155	5775	82.74	76.661

Note: It was observed that 6dB bandwidth exceeds 500KHz, no specific measurements were made for 6dB BW. The device is DTS, by protocol it meets 6dB BW requirements.

Path A

Mode	Channel	Frequency MHz	26-dB Bandwidth	Occupied Bandwidth
			MHz	MHz
802.11a	36	5180	20.03	16.63
	40	5200	20.05	16.62
	48	5240	20.05	16.63
	149	5745	20.26	16.66
	157	5785	20.56	16.64
	165	5825	20.18	16.67
802.11n 20	36	5180	20.67	17.76
	40	5200	20.56	17.73
	48	5240	20.69	17.73
	149	5745	20.46	17.69
	157	5785	20.44	17.72
	165	5825	20.80	17.72
802.11ac 20	36	5180	20.23	17.70
	40	5200	20.13	17.68
	48	5240	20.48	17.72
	149	5745	20.29	17.69
	157	5785	20.29	17.67
	165	5825	20.42	17.70
802.11ax 20	36	5180	20.86	18.83
	40	5200	20.88	18.82
	48	5240	20.86	18.83

	149	5745	20.67	18.84
	157	5785	21.24	18.82
	165	5825	20.94	18.84
802.11n 40	38	5190	40.95	36.30
	46	5230	40.46	36.25
	151	5755	40.90	36.25
	159	5795	40.27	36.24
802.11ac 40	38	5190	41.72	36.29
	46	5230	41.29	36.33
	151	5755	41.86	36.36
	159	5795	41.39	36.21
802.11ax 40	38	5190	42.14	37.55
	46	5230	41.34	37.58
	151	5755	41.24	37.60
	159	5795	41.76	37.57
802.11ax 80	42	5210	82.57	77.72
	155	5775	81.89	77.68
802.11ac 80	42	5210	82.68	76.71
	155	5775	83.27	76.59

6dB Path B

Mode	Channel	Frequency MHz	6dB
			MHz
802.11a	36	5180	-
	40	5200	-
	48	5240	-
	149	5745	16.37
	157	5785	16.42
	165	5825	16.48
802.11n 20	36	5180	-
	40	5200	-
	48	5240	-
	149	5745	17.62
	157	5785	17.71
	165	5825	17.71
802.11ac 20	36	5180	-
	40	5200	-
	48	5240	-
	149	5745	17.56
	157	5785	17.57
	165	5825	17.59
802.11ax 20	36	5180	-
	40	5200	-
	48	5240	-

	149	5745	17.86
	157	5785	18.48
	165	5825	18.56
802.11n 40	38	5190	-
	46	5230	-
	151	5755	36.02
	159	5795	36.04
802.11ac 40	38	5190	-
	46	5230	-
	151	5755	35.61
	159	5795	36.25
802.11ax 40	38	5190	-
	46	5230	-
	151	5755	37.36
	159	5795	36.94
802.11ax 80	42	5210	-
	155	5775	77.99
802.11ac 80	42	5210	-
	155	5775	78.09

6dB Path A

Mode	Channel	Frequency MHz	6dB
			MHz
802.11a	36	5180	-
	40	5200	-
	48	5240	-
	149	5745	18.08
	157	5785	18.36
	165	5825	18.45
802.11n 20	36	5180	-
	40	5200	-
	48	5240	-
	149	5745	17.72
	157	5785	17.61
	165	5825	17.60
802.11ac 20	36	5180	-
	40	5200	-
	48	5240	-
	149	5745	17.53
	157	5785	17.60
	165	5825	17.66
802.11ax 20	36	5180	-
	40	5200	-