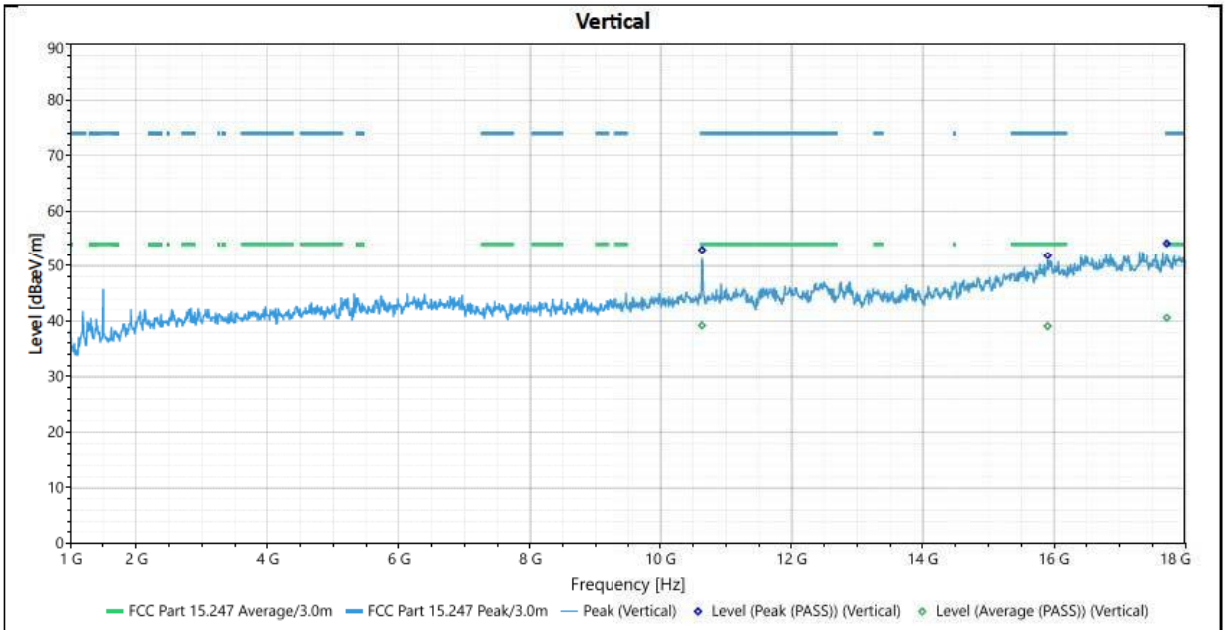
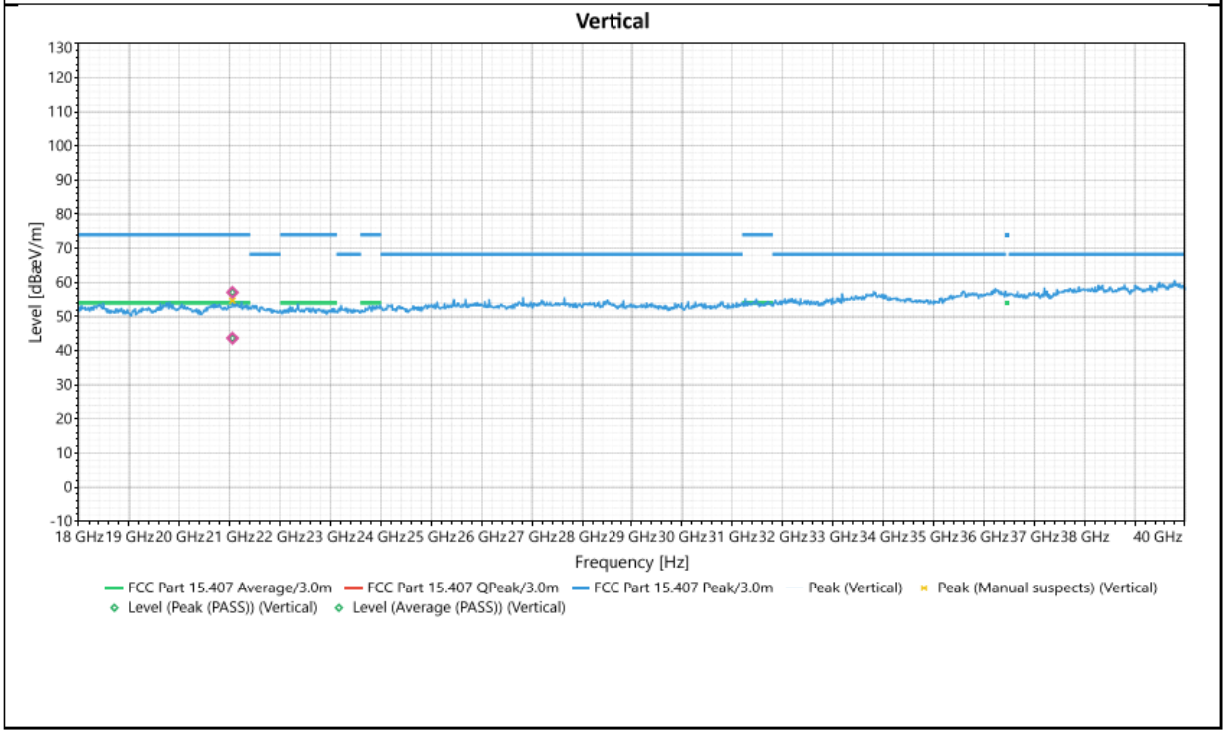
Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	11715.07	Horizontal	46.818	74	-27.182	1.99	75	6.98	Peak (PASS)
2	11715.07	Horizontal	33.929	54	-20.071	1.99	75	6.98	Average (PASS)
3	12502.24	Horizontal	47.367	74	-26.633	2.99	0	7.58	Peak (PASS)
4	12502.24	Horizontal	34.426	54	-19.574	2.99	0	7.58	Average (PASS)
5	15880.11	Horizontal	51.664	74	-22.336	1.49	0	8.74	Peak (PASS)
6	15880.11	Horizontal	38.401	54	-15.599	1.49	0	8.74	Average (PASS)
7	17884.39	Horizontal	53.286	74	-20.714	2.99	140	6.72	Peak (PASS)
8	17884.39	Horizontal	39.974	54	-14.026	2.99	140	6.72	Average (PASS)
9	21060.1	Horizontal	55.637	74	-18.363	1.79	172	8.5	Peak (PASS)
10	21060.1	Horizontal	43.007	54	-10.993	1.79	172	8.5	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

CHANNEL	802.11N HT20 5320 MHz	DETECTOR FUNCTION	Prak/Average
FREQUENCY RANGE	1GHz-40GHz		



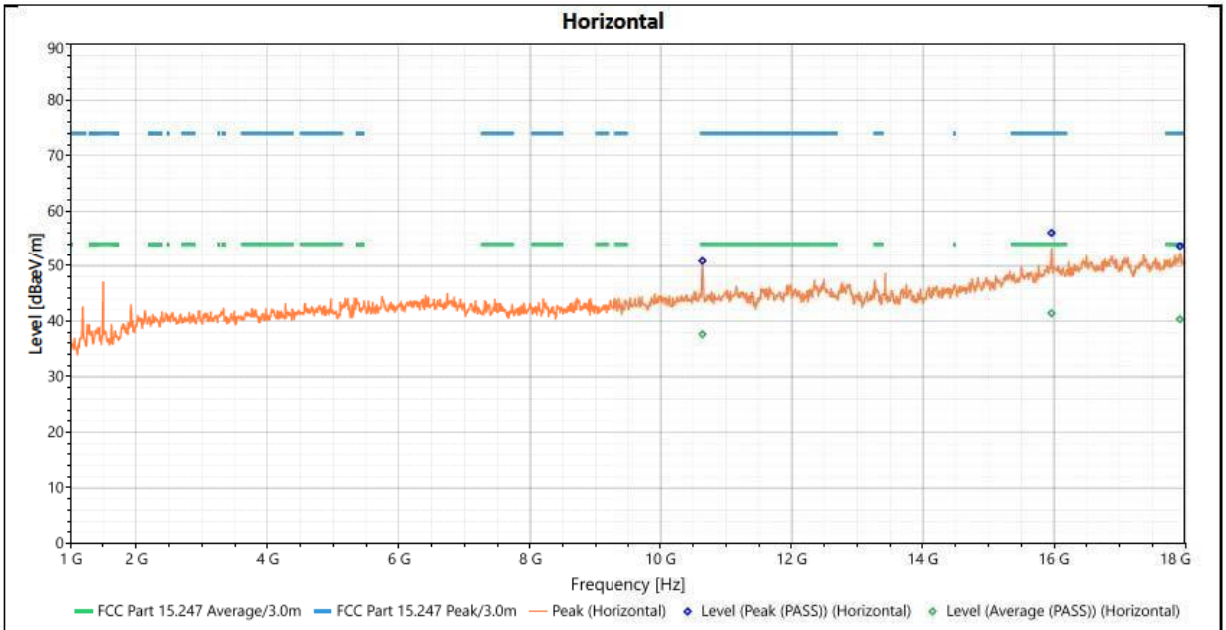


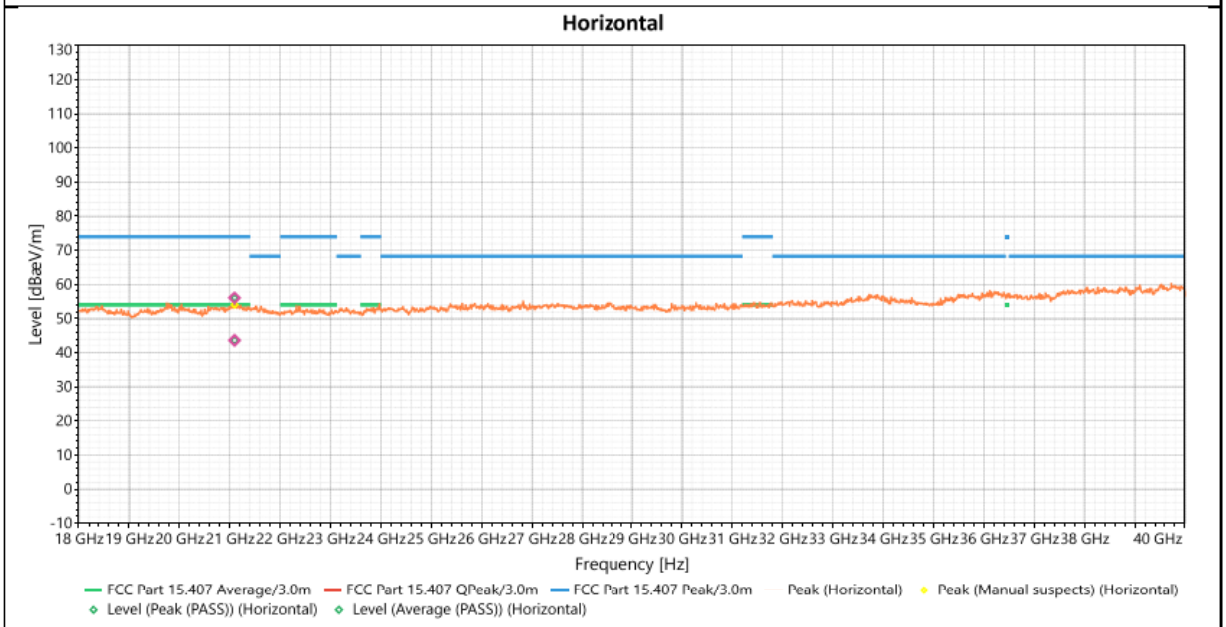
Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	10635.65	Vertical	52.975	74	-21.025	1.99	64	6.43	Peak (PASS)
2	10635.65	Vertical	39.196	54	-14.804	1.99	64	6.43	Average (PASS)
3	15905.64	Vertical	51.847	74	-22.153	1.99	284	8.91	Peak (PASS)
4	15905.64	Vertical	39.075	54	-14.925	1.99	284	8.91	Average (PASS)
5	17719.49	Vertical	54.159	74	-19.841	1.99	5	6.94	Peak (PASS)
6	17719.49	Vertical	40.594	54	-13.406	1.99	5	6.94	Average (PASS)
7	21053.64	Vertical	57.078	74	-16.922	1.61	168	8.64	Peak (PASS)
8	21053.64	Vertical	43.637	54	-10.363	1.61	168	8.64	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

Frequency	802.11N HT20 5320 MHz	DETECTOR FUNCTION	Prak/Average
FREQUENCY RANGE	1GHz-40GHz		



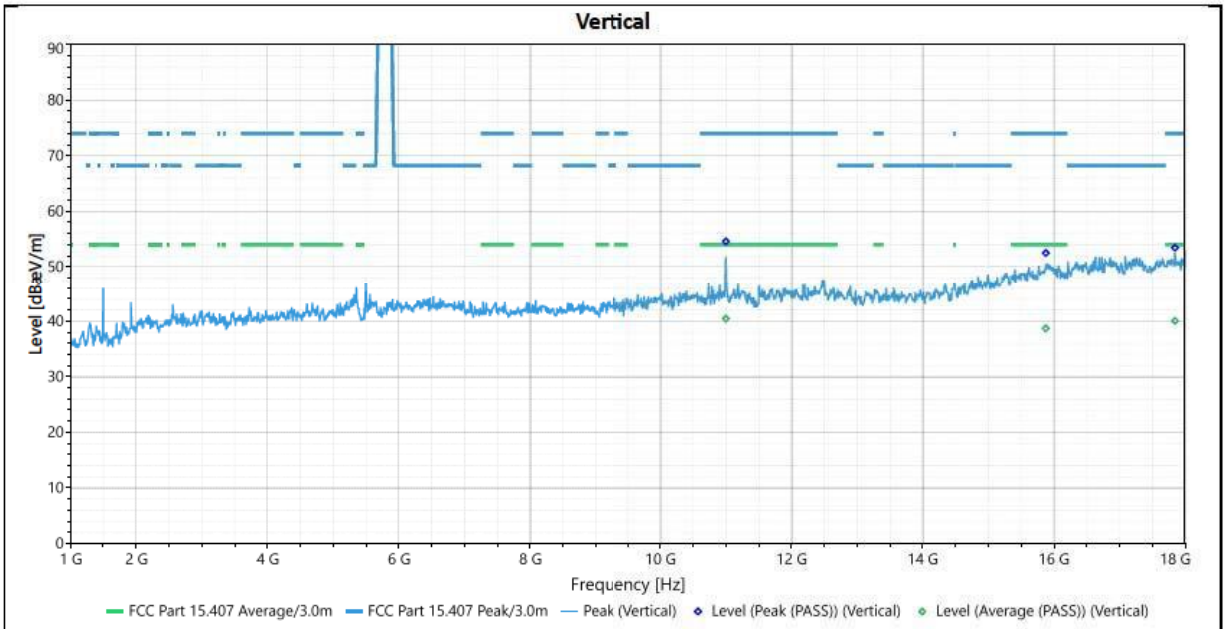


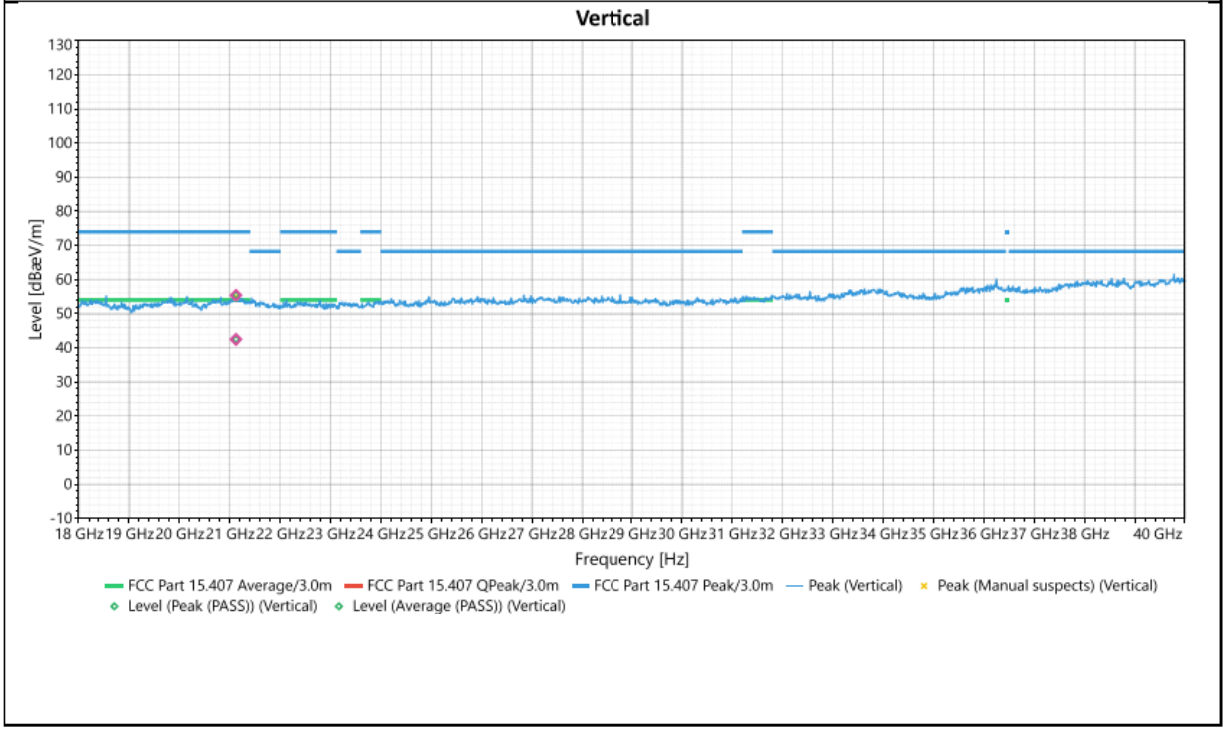
Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	10640.71	Horizontal	50.823	74	-23.177	1.99	327	6.56	Peak (PASS)
2	10640.71	Horizontal	37.609	54	-16.391	1.99	327	6.56	Average (PASS)
3	15963.36	Horizontal	56.103	74	-17.897	1.99	355	8.78	Peak (PASS)
4	15963.36	Horizontal	41.392	54	-12.608	1.99	355	8.78	Average (PASS)
5	17921.77	Horizontal	53.715	74	-20.285	1	138	6.75	Peak (PASS)
6	17921.77	Horizontal	40.309	54	-13.691	1	138	6.75	Average (PASS)
7	21093.1	Horizontal	56.05	74	-17.95	1.6	270	8.49	Peak (PASS)
8	21093.1	Horizontal	43.617	54	-10.383	1.6	270	8.49	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

CHANNEL	802.11N HT20 5500 MHz	DETECTOR FUNCTION	Prak/Average
FREQUENCY RANGE	1GHz-40GHz		



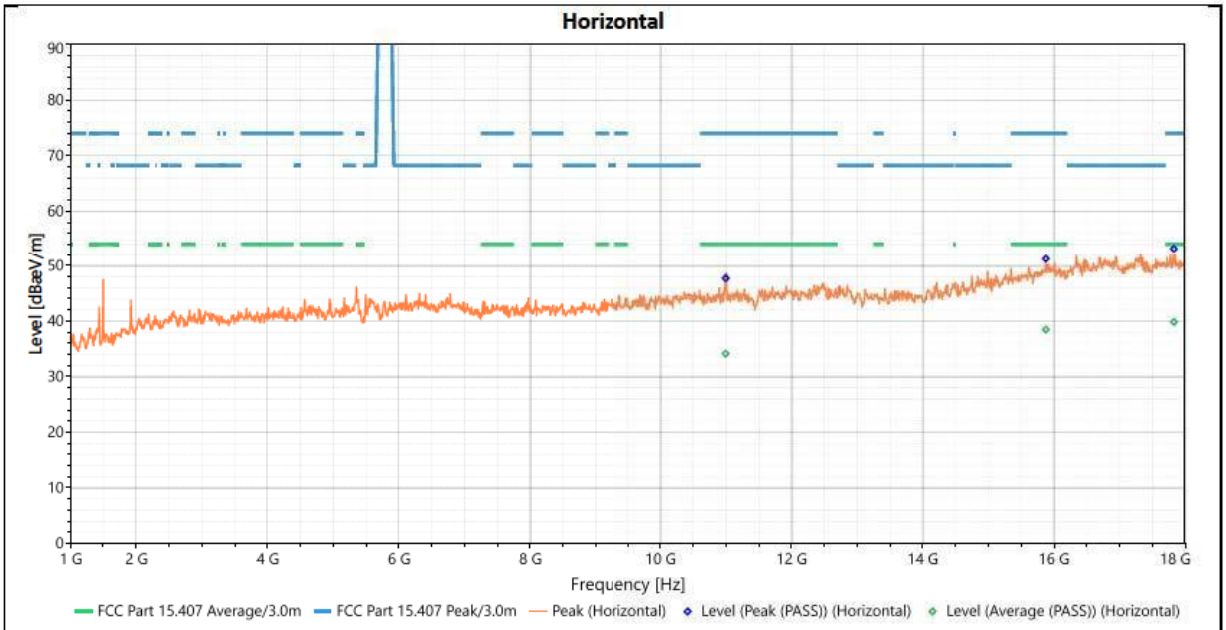


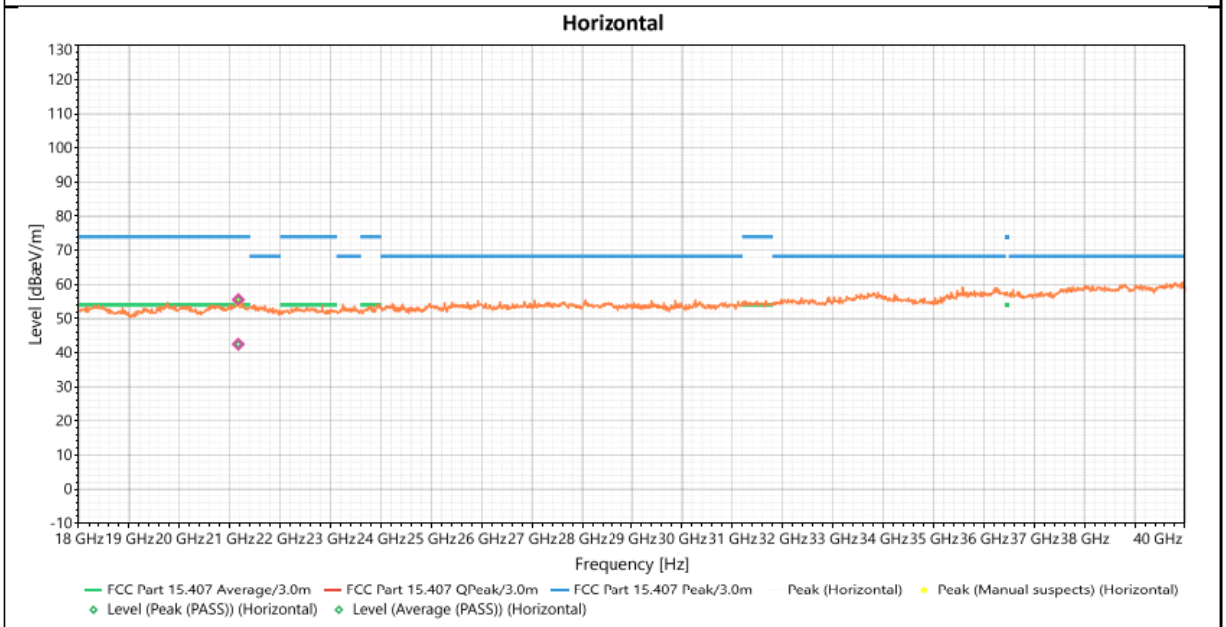
Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	10999.36	Vertical	54.571	74	-19.429	2	297	5.52	Peak (PASS)
2	10999.36	Vertical	40.453	54	-13.547	2	297	5.52	Average (PASS)
3	15876.74	Vertical	52.514	74	-21.486	2.5	0	8.02	Peak (PASS)
4	15876.74	Vertical	38.683	54	-15.317	2.5	0	8.02	Average (PASS)
5	17846.99	Vertical	53.447	74	-20.553	3	16	6.23	Peak (PASS)
6	17846.99	Vertical	40.038	54	-13.962	3	16	6.23	Average (PASS)
7	21121.84	Vertical	55.369	74	-18.631	1.7	238	8.59	Peak (PASS)
8	21121.84	Vertical	42.454	54	-11.546	1.7	238	8.59	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

Frequency	802.11N HT20 5500 MHz	DETECTOR FUNCTION	Prak/Average
FREQUENCY RANGE	1GHz-40GHz		



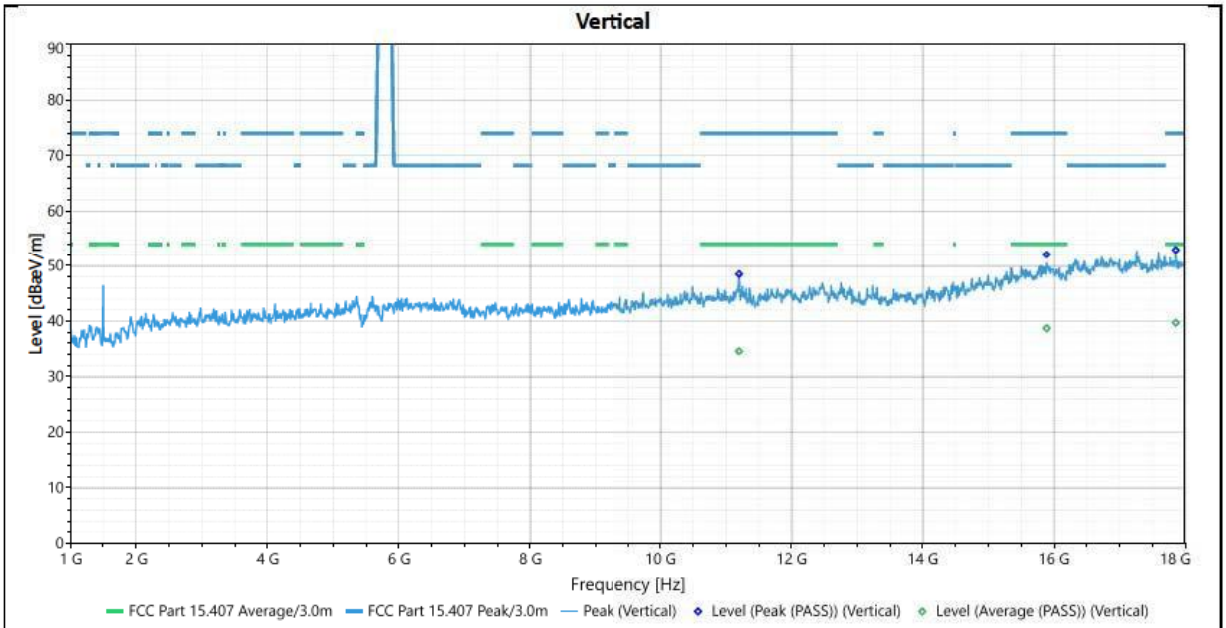


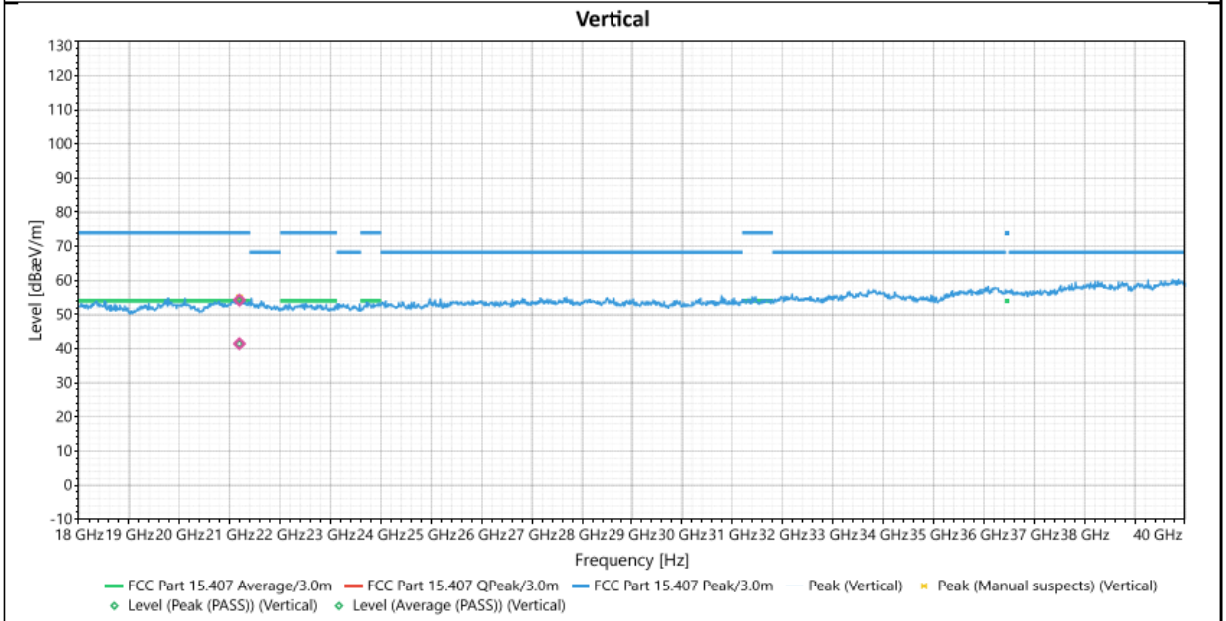
Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	10994.26	Horizontal	47.705	74	-26.295	1.5	0	5.6	Peak (PASS)
2	10994.26	Horizontal	34.131	54	-19.869	1.5	0	5.6	Average (PASS)
3	15876.72	Horizontal	51.251	74	-22.749	2.5	0	7.86	Peak (PASS)
4	15876.72	Horizontal	38.455	54	-15.545	2.5	0	7.86	Average (PASS)
5	17830	Horizontal	53.209	74	-20.791	3	284	5.81	Peak (PASS)
6	17830	Horizontal	39.828	54	-14.172	3	284	5.81	Average (PASS)
7	21167.9	Horizontal	55.522	74	-18.478	1.63	356	8.4	Peak (PASS)
8	21167.9	Horizontal	42.469	54	-11.531	1.63	356	8.4	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

CHANNEL	802.11N HT20 5580 MHz	DETECTOR FUNCTION	Prak/Average
FREQUENCY RANGE	1GHz-40GHz		



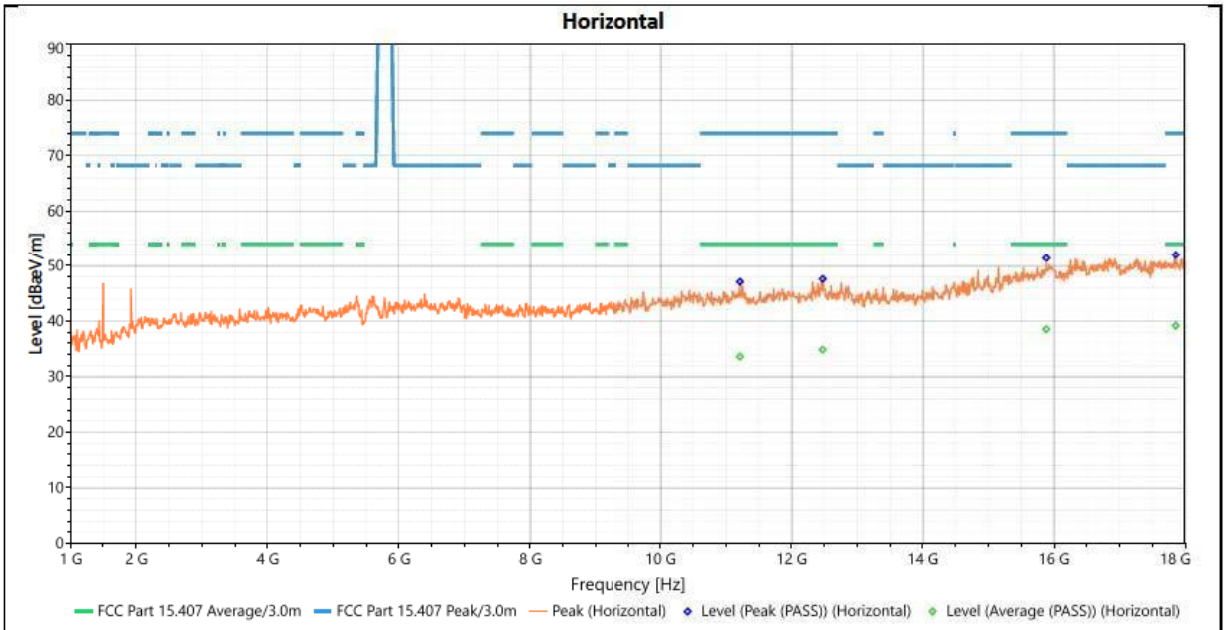


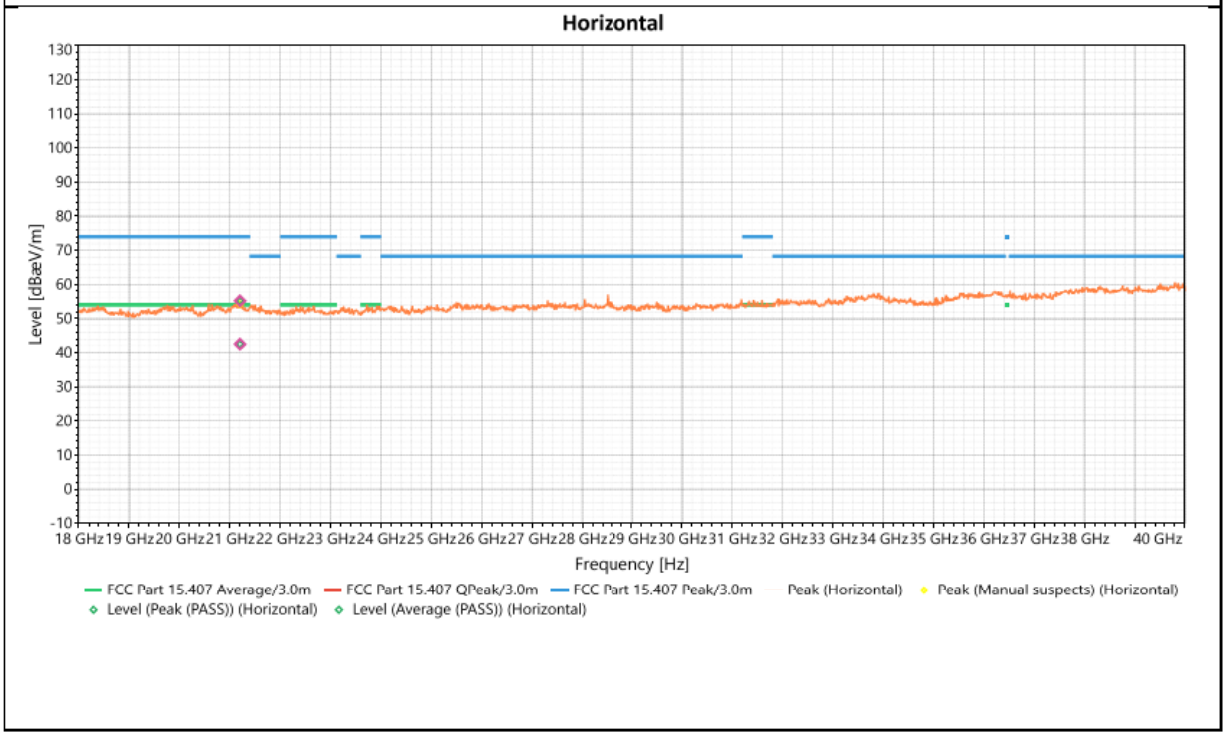
Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	11198.26	Vertical	48.48	74	-25.52	2.5	233	5.47	Peak (PASS)
2	11198.26	Vertical	34.554	54	-19.446	2.5	233	5.47	Average (PASS)
3	15888.57	Vertical	52.087	74	-21.913	3	234	8.02	Peak (PASS)
4	15888.57	Vertical	38.695	54	-15.305	3	234	8.02	Average (PASS)
5	17858.95	Vertical	52.983	74	-21.017	1.5	0	6.24	Peak (PASS)
6	17858.95	Vertical	39.694	54	-14.306	1.5	0	6.24	Average (PASS)
7	21190.03	Vertical	54.225	74	-19.775	1	203	8.47	Peak (PASS)
8	21190.03	Vertical	41.452	54	-12.548	1	203	8.47	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

Frequency	802.11N HT20 5580 MHz	DETECTOR FUNCTION	Prak/Average
FREQUENCY RANGE	1GHz-40GHz		



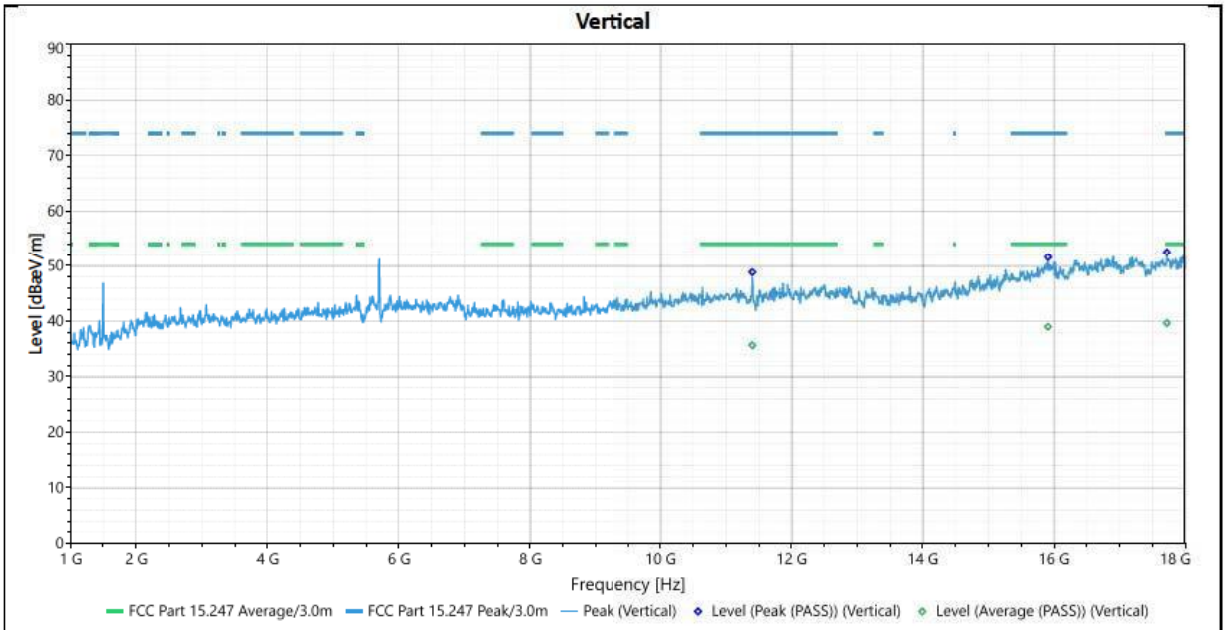


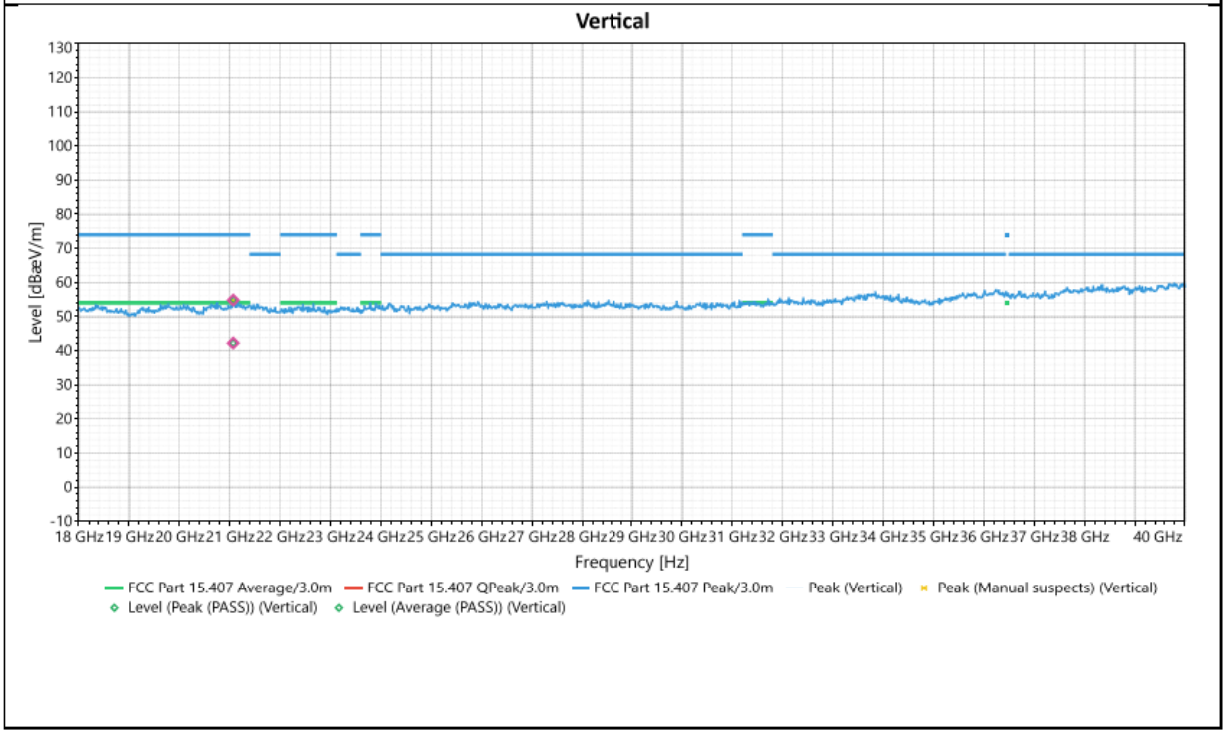
Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	11211.9	Horizontal	47.076	74	-26.924	2.5	189	5.48	Peak (PASS)
2	11211.9	Horizontal	33.579	54	-20.421	2.5	189	5.48	Average (PASS)
3	12474.96	Horizontal	47.593	74	-26.407	3.49	33	6.61	Peak (PASS)
4	12474.96	Horizontal	34.854	54	-19.146	3.49	33	6.61	Average (PASS)
5	15883.55	Horizontal	51.387	74	-22.613	3	96	7.86	Peak (PASS)
6	15883.55	Horizontal	38.533	54	-15.467	3	96	7.86	Average (PASS)
7	17858.88	Horizontal	52.007	74	-21.993	1.5	0	5.83	Peak (PASS)
8	17858.88	Horizontal	39.15	54	-14.85	1.5	0	5.83	Average (PASS)
9	21203.1	Horizontal	55.171	74	-18.829	2	116	8.36	Peak (PASS)
10	21203.1	Horizontal	42.509	54	-11.491	2	116	8.36	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

CHANNEL	802.11N HT20 5700 MHz	DETECTOR FUNCTION	Prak/Average
FREQUENCY RANGE	1GHz-40GHz		



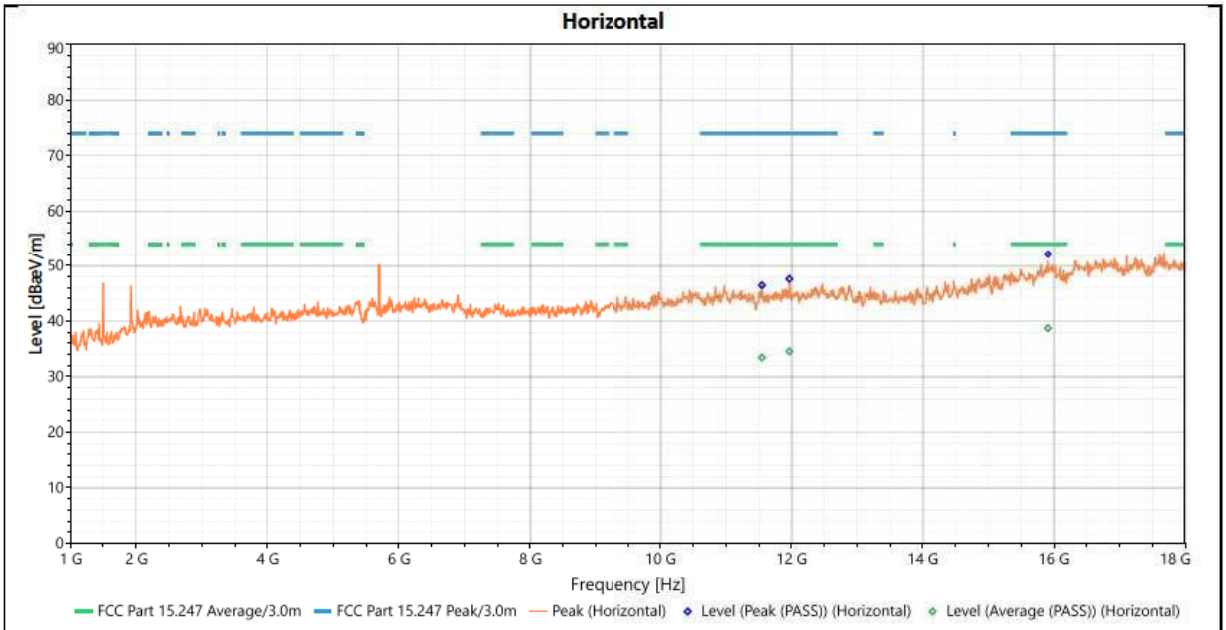


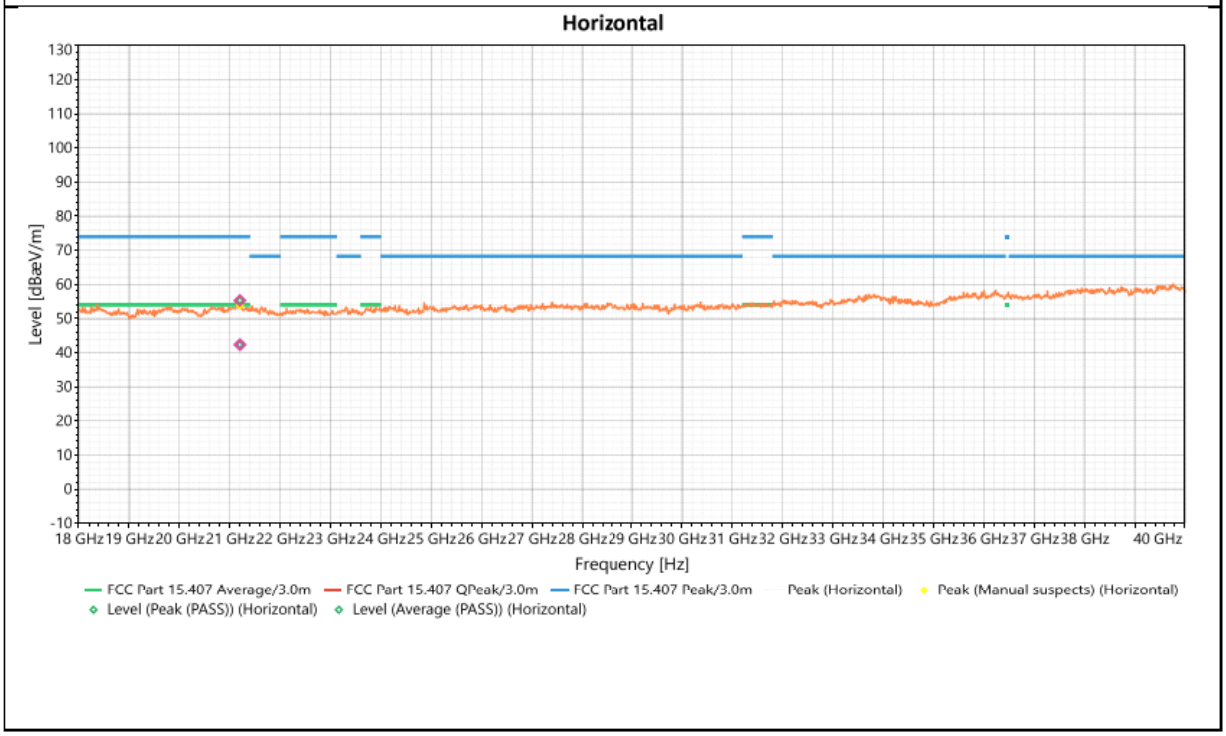
Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	11400.61	Vertical	48.831	74	-25.169	1	45	5.49	Peak (PASS)
2	11400.61	Vertical	35.632	54	-18.368	1	45	5.49	Average (PASS)
3	15910.67	Vertical	51.592	74	-22.408	1.5	0	8.03	Peak (PASS)
4	15910.67	Vertical	38.988	54	-15.012	1.5	0	8.03	Average (PASS)
5	17722.88	Vertical	52.529	74	-21.471	1.5	295	6.09	Peak (PASS)
6	17722.88	Vertical	39.651	54	-14.349	1.5	295	6.09	Average (PASS)
7	21066.8	Vertical	54.824	74	-19.176	1.69	237	8.64	Peak (PASS)
8	21066.8	Vertical	42.207	54	-11.793	1.69	237	8.64	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

Frequency	802.11N HT20 5700 MHz	DETECTOR FUNCTION	Prak/Average
FREQUENCY RANGE	1GHz-40GHz		



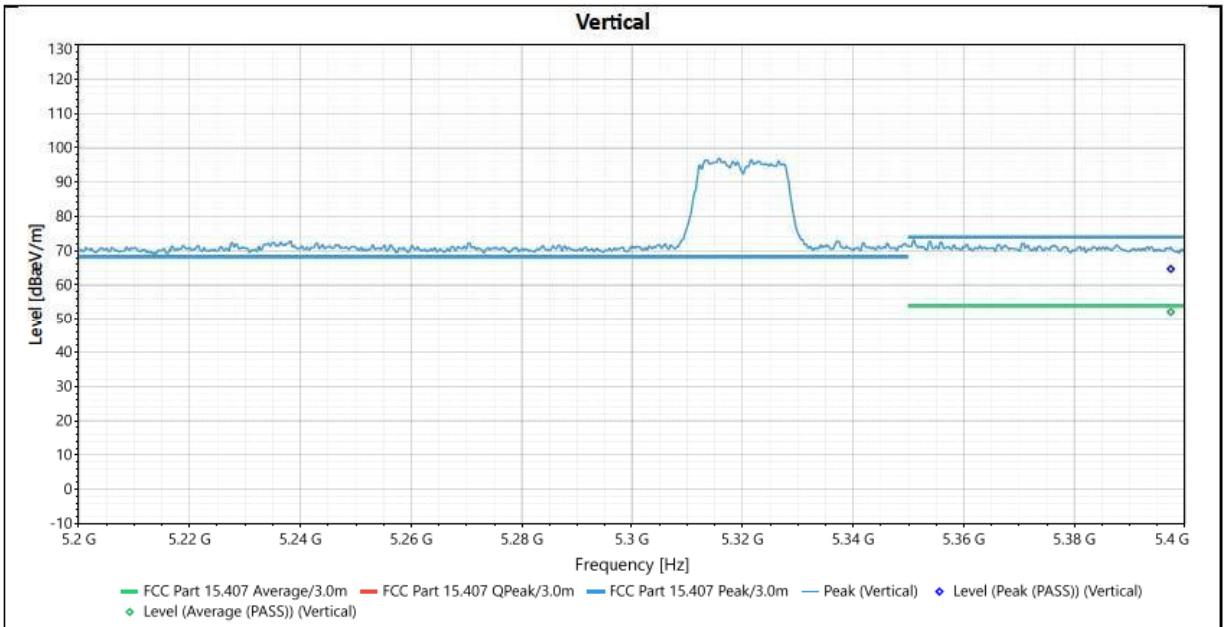


Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	11548.53	Horizontal	46.453	74	-27.547	2	285	5.74	Peak (PASS)
2	11548.53	Horizontal	33.427	54	-20.573	2	285	5.74	Average (PASS)
3	11966.68	Horizontal	47.6	74	-26.4	3.5	95	6.32	Peak (PASS)
4	11966.68	Horizontal	34.528	54	-19.472	3.5	95	6.32	Average (PASS)
5	15910.71	Horizontal	52.16	74	-21.84	1	0	7.87	Peak (PASS)
6	15910.71	Horizontal	38.727	54	-15.273	1	0	7.87	Average (PASS)
7	21200.9	Horizontal	55.292	74	-18.708	1.25	263	8.36	Peak (PASS)
8	21200.9	Horizontal	42.351	54	-11.649	1.25	263	8.36	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots
802.11a – 5320MHz

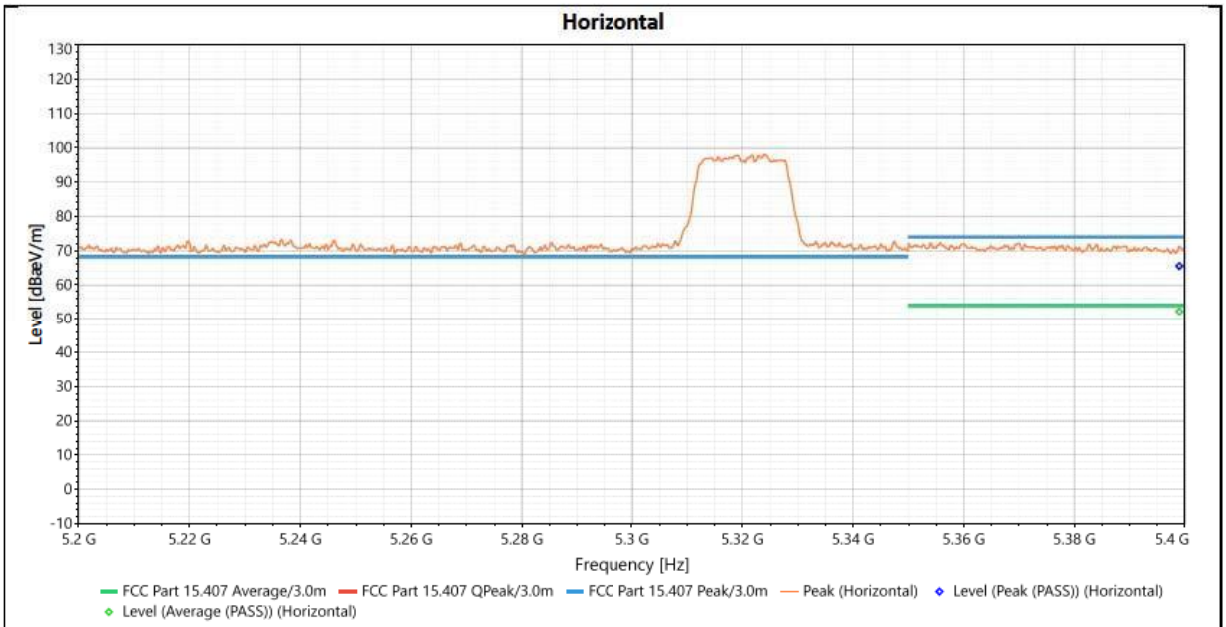


Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	5397.423	Vertical	64.696	74	-9.304	1.08	293	43.17	Peak (PASS)
2	5397.423	Vertical	52.109	54	-1.891	1.08	293	43.17	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots
802.11a – 5320MHz

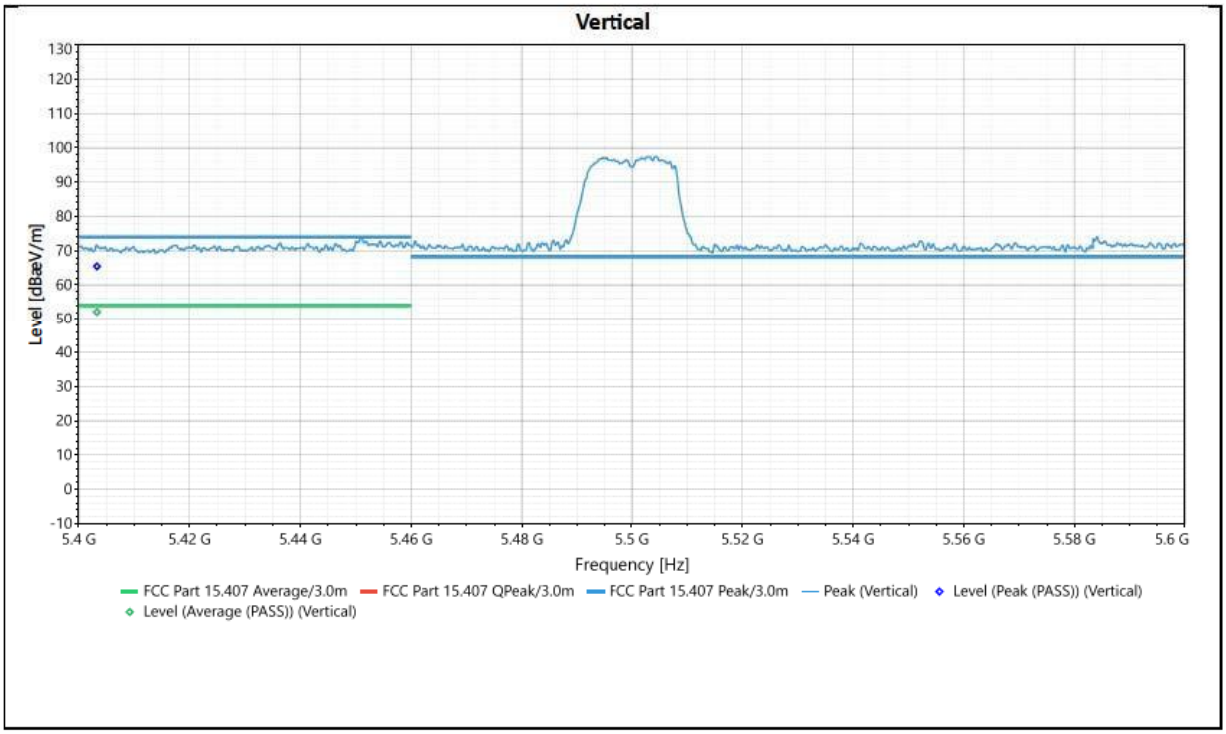


Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	5398.96	Horizontal	65.505	74	-8.495	3.48	230	43.25	Peak (PASS)
2	5398.96	Horizontal	52.211	54	-1.789	3.48	230	43.25	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots
802.11a – 5500MHz

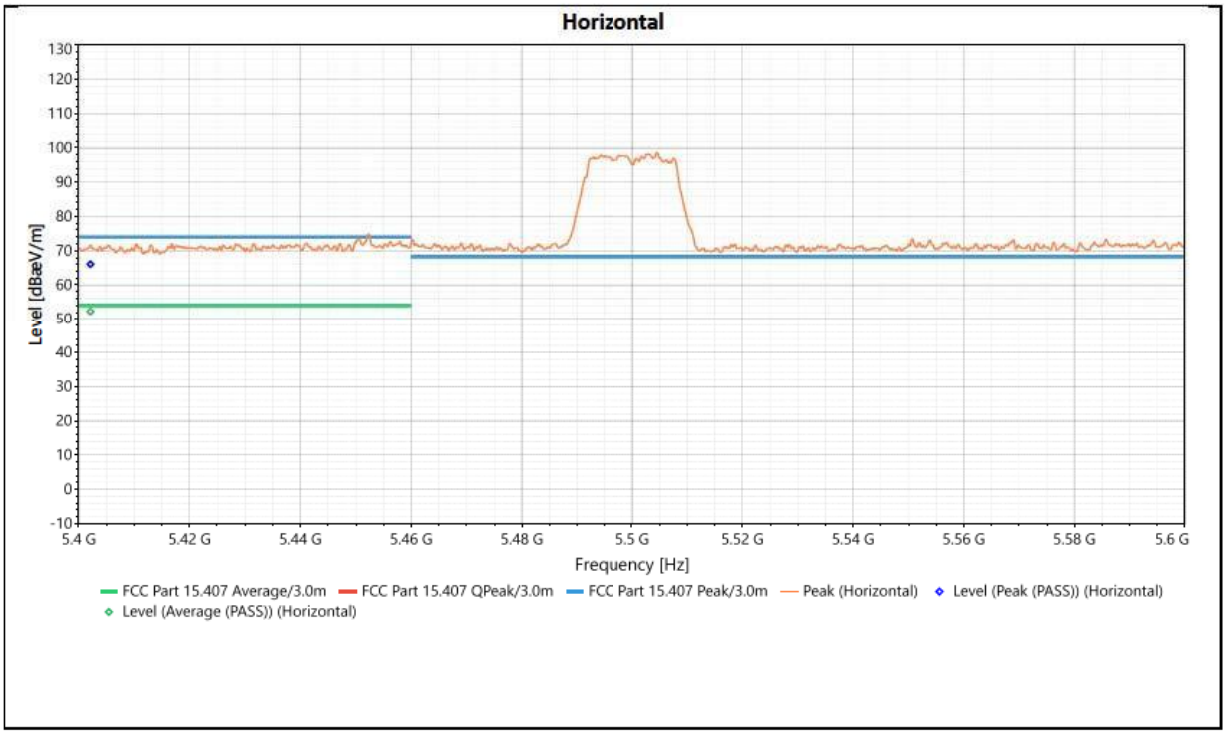


Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	5403.29	Vertical	65.434	74	-8.566	2	137	43.17	Peak (PASS)
2	5403.29	Vertical	52.118	54	-1.882	2	137	43.17	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots
802.11a – 5500MHz

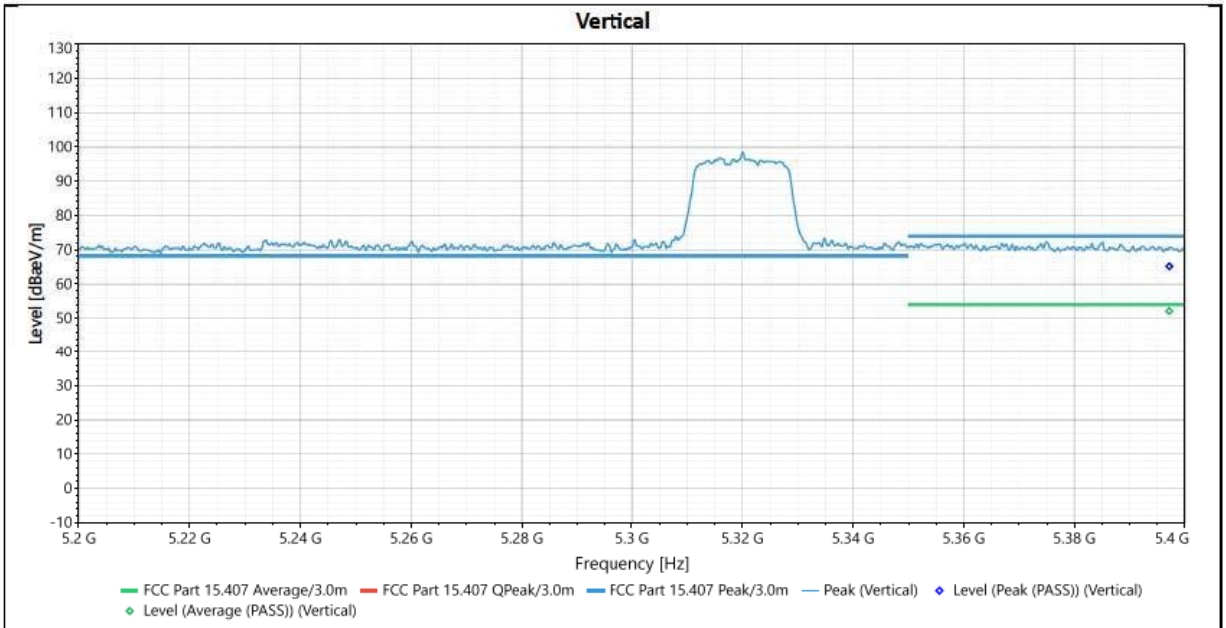


Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	5402.123	Horizontal	66.067	74	-7.933	1.5	144	43.25	Peak (PASS)
2	5402.123	Horizontal	52.223	54	-1.777	1.5	144	43.25	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots
802.11n HT20 – 5320MHz

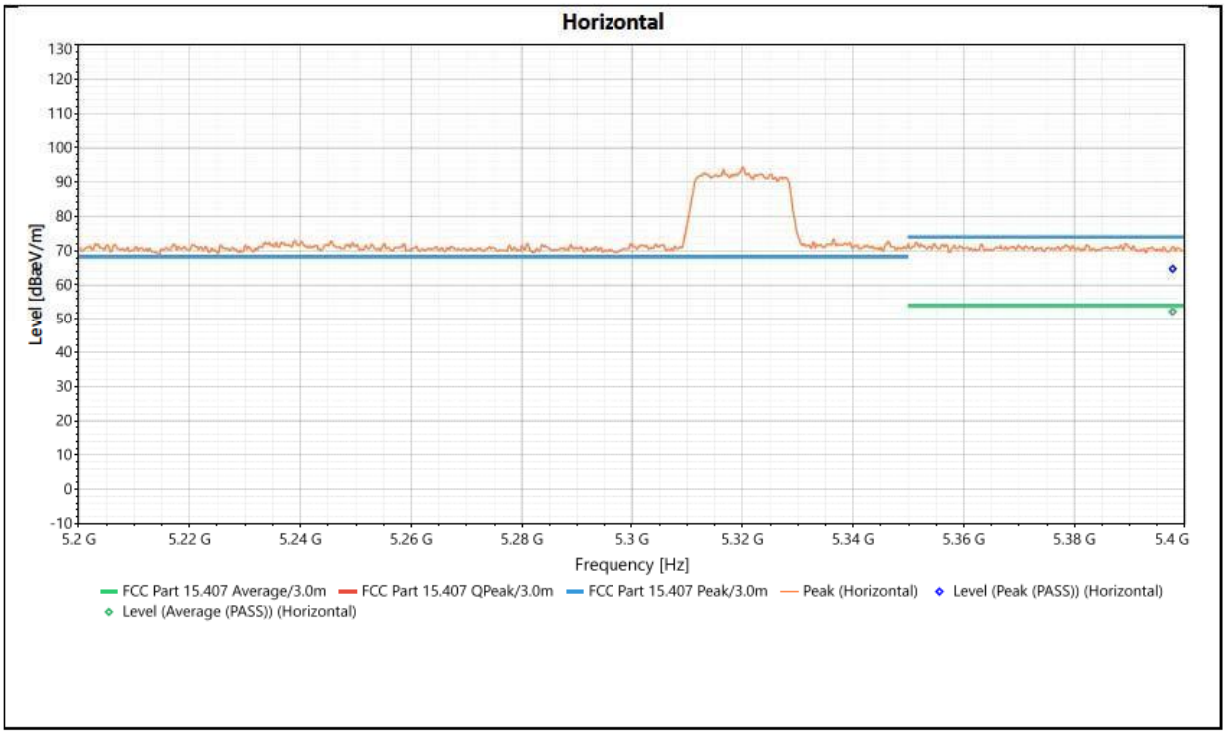


Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	5397.15	Vertical	65.204	74	-8.796	1.49	335	43.17	Peak (PASS)
2	5397.15	Vertical	52.114	54	-1.886	1.49	335	43.17	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots
802.11n HT20 – 5320MHz

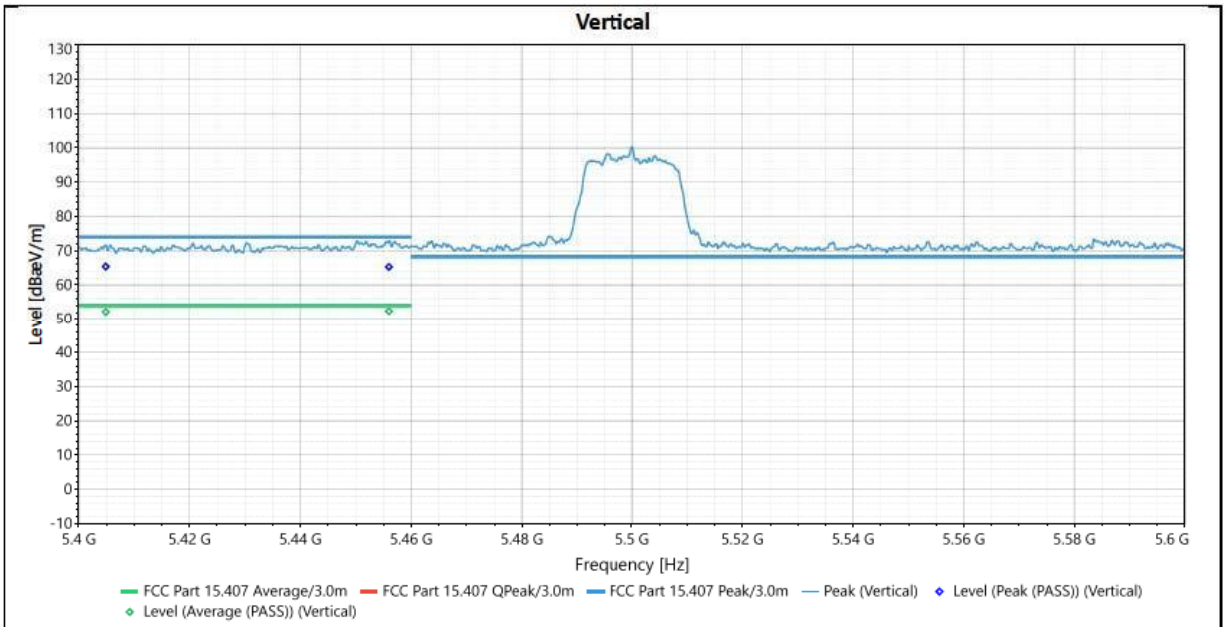


Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	5397.771	Horizontal	64.729	74	-9.271	1	186	43.25	Peak (PASS)
2	5397.771	Horizontal	52.191	54	-1.809	1	186	43.25	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots
802.11n HT20 – 5500MHz

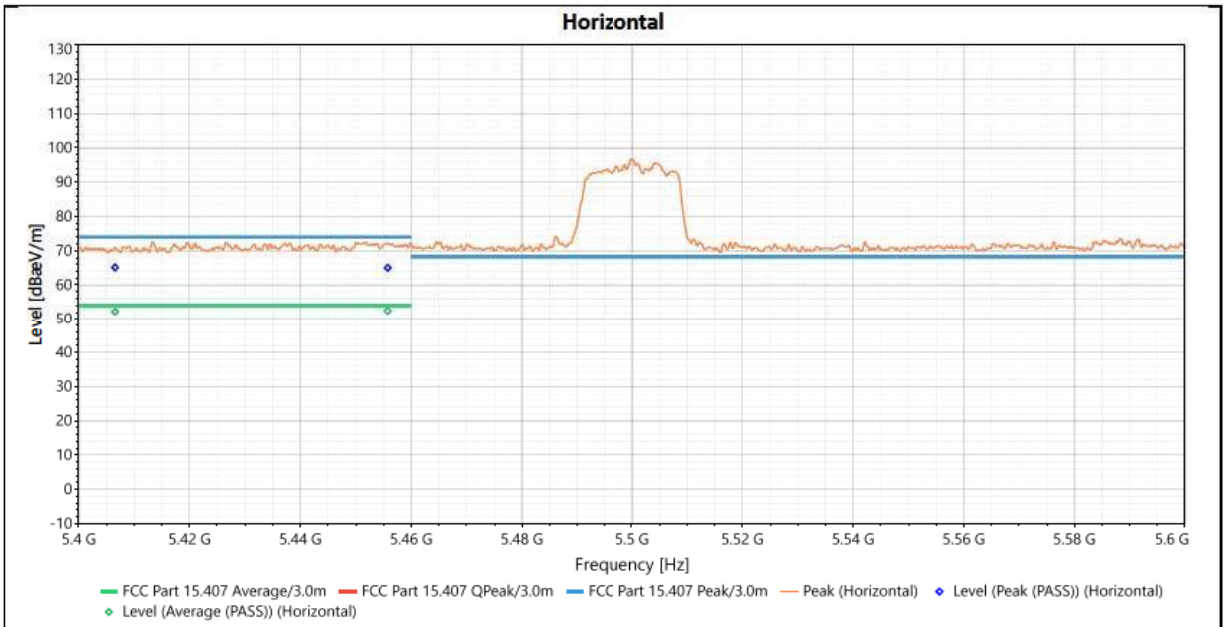


Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	5404.873	Vertical	65.388	74	-8.612	2.99	0	43.17	Peak (PASS)
2	5404.873	Vertical	52.117	54	-1.883	2.99	0	43.17	Average (PASS)
3	5456.001	Vertical	65.295	74	-8.705	2.99	130	43.22	Peak (PASS)
4	5456.001	Vertical	52.344	54	-1.656	2.99	130	43.22	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains

RESTRICTED BAND Test Plots
802.11n HT20 – 5500MHz



Antenna Polarity & Test Distance: Vertical at 3m									
No.	Frequency (MHz)	Polarization	Level [dB(uV/m)]	Limit dB(uV/m)	Margin [dB]	Height (m)	Angle (Deg)	Factor [dB(1/m)]	Measure Type/ Result
1	5406.562	Horizontal	65.119	74	-8.881	1.99	119	43.25	Peak (PASS)
2	5406.562	Horizontal	52.198	54	-1.802	1.99	119	43.25	Average (PASS)
3	5455.762	Horizontal	65.042	74	-8.958	1.49	208	43.24	Peak (PASS)
4	5455.762	Horizontal	52.379	54	-1.621	1.49	208	43.24	Average (PASS)

REMARKS:

1. Level (dBuV) = Reading (dBuV) + Factor (dB(1/m)).
2. Factor (dB(1/m)) = Antenna Factor(AF) (dB(1/m)) + Cable Loss (dB) +Preamplifier
3. Margin value = Emission level – Limit value.
4. The emission levels of other frequencies were less than 20dB margin agains