

Report No.: WSCT-ANAB-R&E260100009A-Wi-Fi

Issued Date: 28 January 2026

Above 1GHz

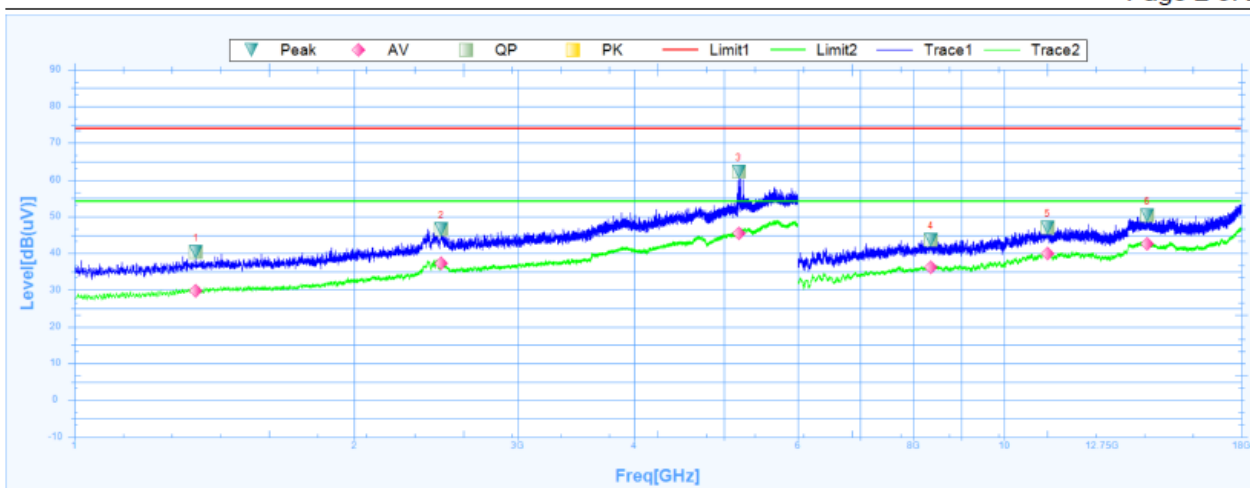
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3: Report and only recorded the worst-case scenario 802.11b.

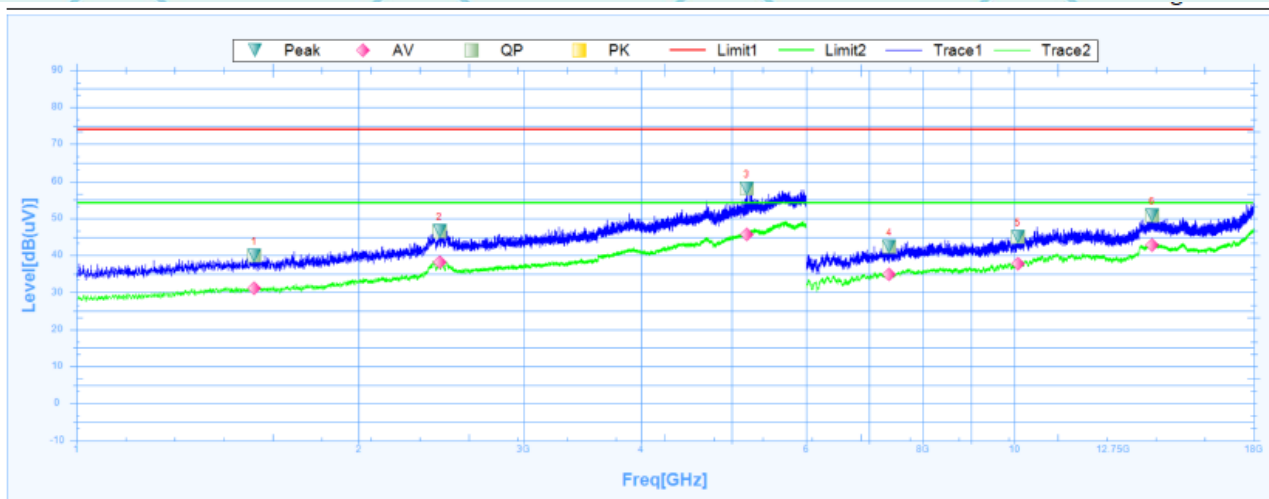
1 GHz to 18 GHz, ANT 1 802.11b Low Channel

Horizontal:

**Susputed Data List**

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1351.2500	40.28	24.93	15.35	74	-33.72	145.2	Horizontal	PK	Pass
1	1351.2500	29.75	24.93	4.82	54	-24.25	145.2	Horizontal	AV	Pass
2	2481.2500	46.61	27.54	19.07	74	-27.39	350.2	Horizontal	PK	Pass
2	2481.2500	37.31	27.54	9.77	54	-16.69	350.2	Horizontal	AV	Pass
3	5184.3750	62.28	31.75	30.53	74	-11.72	89	Horizontal	PK	Pass
3	5184.3750	45.52	31.75	13.77	54	-8.48	89	Horizontal	AV	Pass
4	8343.0000	43.72	9.01	34.71	74	-30.28	0	Horizontal	PK	Pass
4	8343.0000	36.28	9.01	27.27	54	-17.72	0	Horizontal	AV	Pass
5	11134.5000	47.07	15.83	31.24	74	-26.93	317.7	Horizontal	PK	Pass
5	11134.5000	39.84	15.83	24.01	54	-14.16	317.7	Horizontal	AV	Pass
6	14254.5000	50.3	18.87	31.43	74	-23.7	358.5	Horizontal	PK	Pass
6	14254.5000	42.57	18.87	23.7	54	-11.43	358.5	Horizontal	AV	Pass

Vertical :



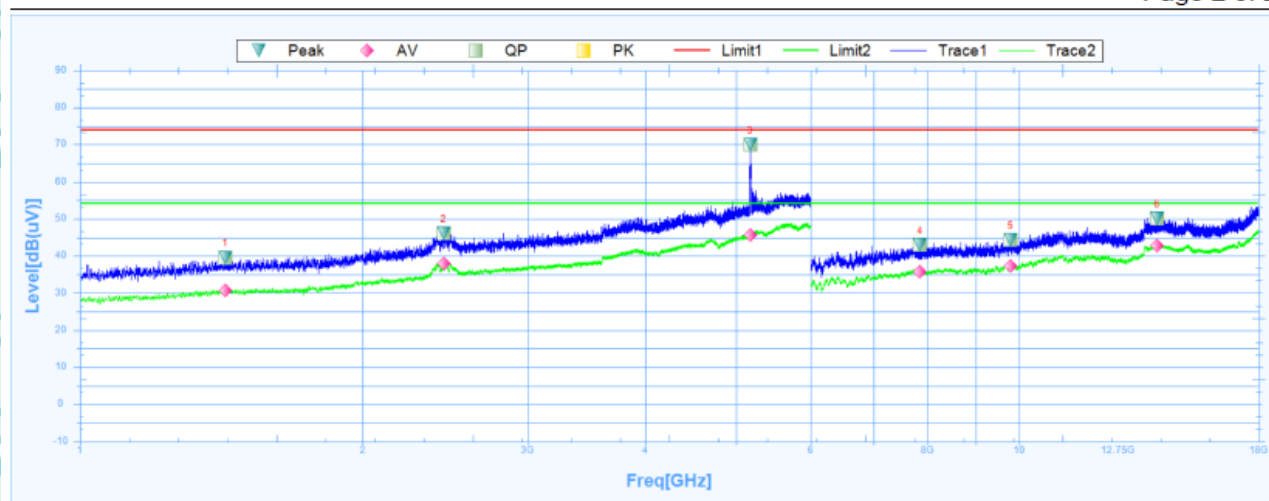
Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1547.5000	39.99	24.95	15.04	74	-34.01	1.2	Vertical	PK	Pass
1	1547.5000	31.12	24.95	6.17	54	-22.88	1.2	Vertical	AV	Pass
2	2438.1250	46.55	27.39	19.16	74	-27.45	308.9	Vertical	PK	Pass
2	2438.1250	38.25	27.39	10.86	54	-15.75	308.9	Vertical	AV	Pass
3	5187.5000	57.95	31.75	26.2	74	-16.05	178.6	Vertical	PK	Pass
3	5187.5000	45.75	31.75	14	54	-8.25	178.6	Vertical	AV	Pass
4	7360.5000	42.37	7.02	35.35	74	-31.63	348.4	Vertical	PK	Pass
4	7360.5000	34.86	7.02	27.84	54	-19.14	348.4	Vertical	AV	Pass
5	10089.0000	45.06	12.62	32.44	74	-28.94	358.1	Vertical	PK	Pass
5	10089.0000	37.69	12.62	25.07	54	-16.31	358.1	Vertical	AV	Pass
6	14023.5000	50.79	19.1	31.69	74	-23.21	210.1	Vertical	PK	Pass
6	14023.5000	42.81	19.1	23.71	54	-11.19	210.1	Vertical	AV	Pass

1 GHz to 18 GHz, ANT H 802.11b Middle Channel

Horizontal:

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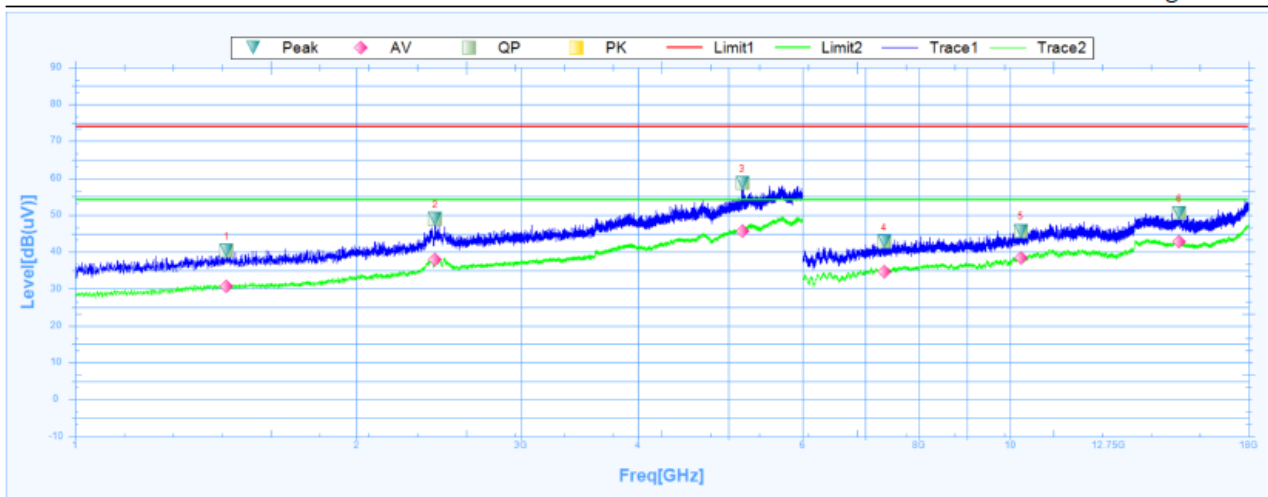
Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1427.5000	39.59	25.07	14.52	74	-34.41	137.9	Horizontal	PK	Pass
1	1427.5000	30.59	25.07	5.52	54	-23.41	137.9	Horizontal	AV	Pass
2	2438.7500	46.02	27.39	18.63	74	-27.98	224	Horizontal	PK	Pass
2	2438.7500	37.91	27.39	10.52	54	-16.09	224	Horizontal	AV	Pass
3	5176.2500	69.94	31.74	38.2	74	-4.06	128.3	Horizontal	PK	Pass
3	5176.2500	45.64	31.74	13.9	54	-8.36	128.3	Horizontal	AV	Pass
4	7848.0000	43.05	8	35.05	74	-30.95	165.9	Horizontal	PK	Pass
4	7848.0000	35.65	8	27.65	54	-18.35	165.9	Horizontal	AV	Pass
5	9798.0000	44.39	11.89	32.5	74	-29.61	332	Horizontal	PK	Pass
5	9798.0000	37.21	11.89	25.32	54	-16.79	332	Horizontal	AV	Pass
6	14034.0000	50.12	19.09	31.03	74	-23.88	-0.1	Horizontal	PK	Pass
6	14034.0000	42.82	19.09	23.73	54	-11.18	-0.1	Horizontal	AV	Pass

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Vertical :



Susputed Data List

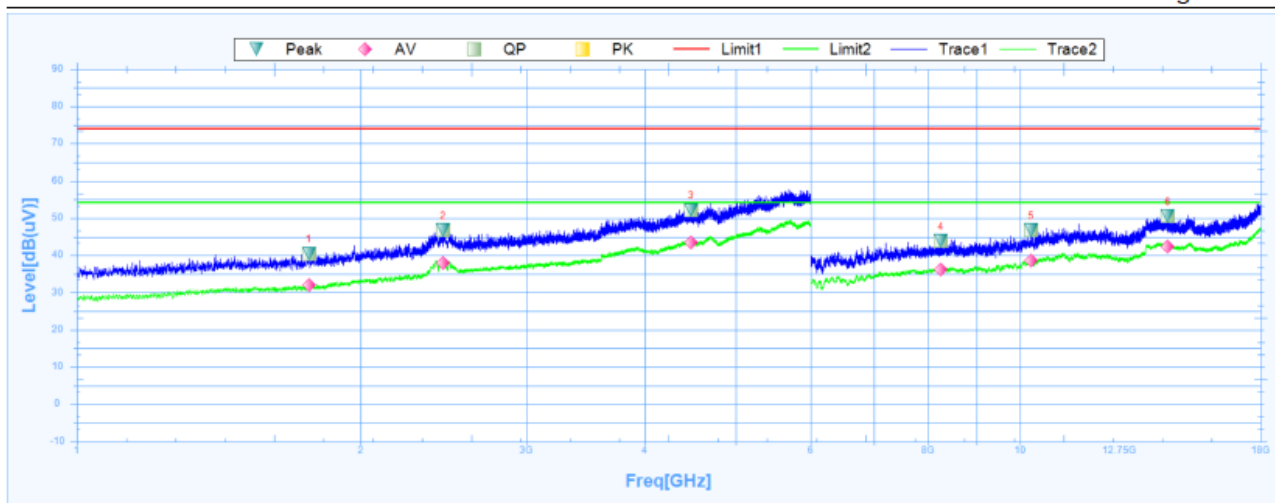
NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1452.5000	40.27	25.05	15.22	74	-33.73	1.7	Vertical	PK	Pass
1	1452.5000	30.58	25.05	5.53	54	-23.42	1.7	Vertical	AV	Pass
2	2428.1250	48.94	27.36	21.58	74	-25.06	313.8	Vertical	PK	Pass
2	2428.1250	37.98	27.36	10.62	54	-16.02	313.8	Vertical	AV	Pass
3	5172.5000	58.67	31.74	26.93	74	-15.33	225.2	Vertical	PK	Pass
3	5172.5000	45.73	31.74	13.99	54	-8.27	225.2	Vertical	AV	Pass
4	7333.5000	42.77	6.92	35.85	74	-31.23	138.4	Vertical	PK	Pass
4	7333.5000	34.73	6.92	27.81	54	-19.27	138.4	Vertical	AV	Pass
5	10270.5000	45.79	13.2	32.59	74	-28.21	0	Vertical	PK	Pass
5	10270.5000	38.33	13.2	25.13	54	-15.67	0	Vertical	AV	Pass
6	15175.5000	50.43	19.34	31.09	74	-23.57	359.5	Vertical	PK	Pass
6	15175.5000	42.8	19.34	23.46	54	-11.2	359.5	Vertical	AV	Pass

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1 GHz to 18 GHz, ANT H 802.11b High Channel

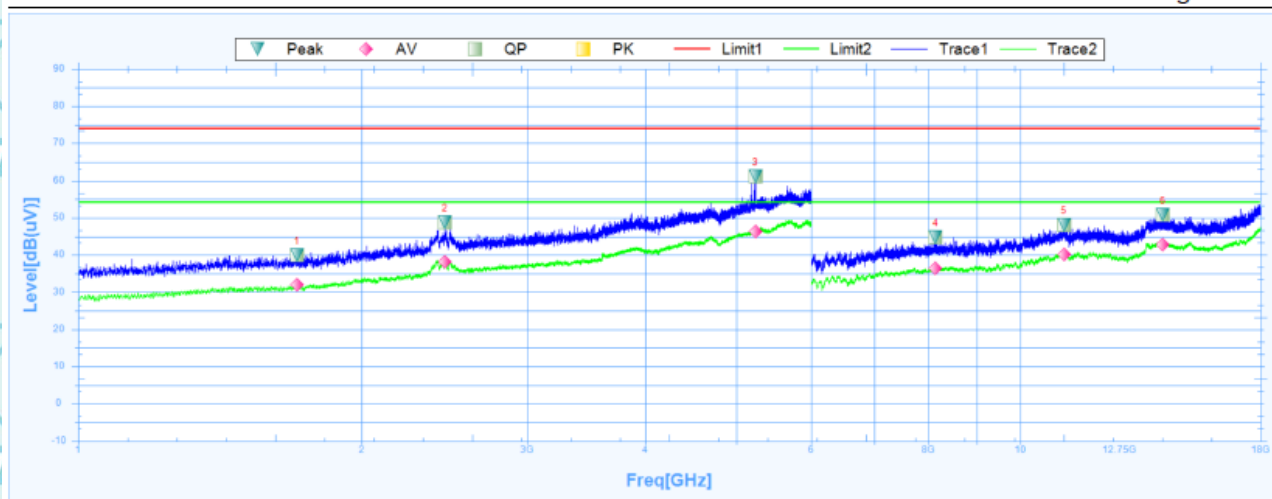
Horizontal:



Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1761.8750	40.48	24.98	15.5	74	-33.52	360.1	Horizontal	PK	Pass
1	1761.8750	31.93	24.98	6.95	54	-22.07	360.1	Horizontal	AV	Pass
2	2446.8750	46.81	27.42	19.39	74	-27.19	123.7	Horizontal	PK	Pass
2	2446.8750	37.85	27.42	10.43	54	-16.15	123.7	Horizontal	AV	Pass
3	4484.3750	52.19	30.57	21.62	74	-21.81	349.2	Horizontal	PK	Pass
3	4484.3750	43.38	30.57	12.81	54	-10.62	349.2	Horizontal	AV	Pass
4	8247.0000	43.83	8.86	34.97	74	-30.17	322.6	Horizontal	PK	Pass
4	8247.0000	36.08	8.86	27.22	54	-17.92	322.6	Horizontal	AV	Pass
5	10285.5000	46.73	13.24	33.49	74	-27.27	341	Horizontal	PK	Pass
5	10285.5000	38.57	13.24	25.33	54	-15.43	341	Horizontal	AV	Pass
6	14356.5000	50.45	18.77	31.68	74	-23.55	3.1	Horizontal	PK	Pass
6	14356.5000	42.38	18.77	23.61	54	-11.62	3.1	Horizontal	AV	Pass

Vertical :



Susputed Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1706.8750	39.86	24.95	14.91	74	-34.14	360	Vertical	PK	Pass
1	1706.8750	31.9	24.95	6.95	54	-22.1	360	Vertical	AV	Pass
2	2451.8750	48.83	27.44	21.39	74	-25.17	360	Vertical	PK	Pass
2	2451.8750	38.17	27.44	10.73	54	-15.83	360	Vertical	AV	Pass
3	5238.1250	61.04	31.79	29.25	74	-12.96	294.6	Vertical	PK	Pass
3	5238.1250	46.34	31.79	14.55	54	-7.66	294.6	Vertical	AV	Pass
4	8137.5000	44.75	8.59	36.16	74	-29.25	330.4	Vertical	PK	Pass
4	8137.5000	36.44	8.59	27.85	54	-17.56	330.4	Vertical	AV	Pass
5	11130.0000	48.14	15.83	32.31	74	-25.86	320.9	Vertical	PK	Pass
5	11130.0000	40.11	15.83	24.28	54	-13.89	320.9	Vertical	AV	Pass
6	14179.5000	50.77	18.95	31.82	74	-23.23	187	Vertical	PK	Pass
6	14179.5000	42.78	18.95	23.83	54	-11.22	187	Vertical	AV	Pass

Note:

1. All emissions not reported were more than 20dB below the specified limit or in the noise floor.
2. Emission Level= Reading Level+ Probe Factor +Cable Loss.
3. Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Note: Freq. = Emission frequency in MHz

Reading level (dBμV) = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss

Level (dBμV) = Reading level (dBμV) + Corr. Factor (dB)

Limit (dBμV) = Limit stated in standard

Margin (dB) = Level (dBμV) – Limits (dBμV)

6.7.3. Restricted Bands Requirements

Test result for 802.11b Mode (the worst case)

Frequency	Reading	Correct Factor	Emission Level	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel							
2390	65.36	40.81	74	54	-8.64	H	PK
2390	63.35	39.11	74	54	-10.65	H	AV
2390	63.98	40.72	74	54	-10.02	V	PK
2390	56.84	40.84	74	54	-17.16	V	AV
High Channel							
2483.5	60.72	-8.76	51.96	74	22.04	H	PK
2483.5	53.03	-8.76	44.27	54	9.73	H	AV
2483.5	61.89	-8.73	53.16	74	20.84	V	PK
2483.5	55.50	-8.73	46.77	54	7.23	V	AV

Note: Freq. = Emission frequency in MHz

Reading level (dBμV) = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss

Level (dBμV) = Reading level (dBμV) + Corr. Factor (dB)

Limit (dBμV) = Limit stated in standard

Margin (dB) = Level (dBμV) – Limits (dBμV)

7. Test Setup Photographs

Please refer to Annex "Set Up Photos-15C" for test setup photos

*******END OF REPORT*******