

	Read Level - Preamp Factor = Level 4. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported. 5. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold; (3) Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Test results:	PASS

Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

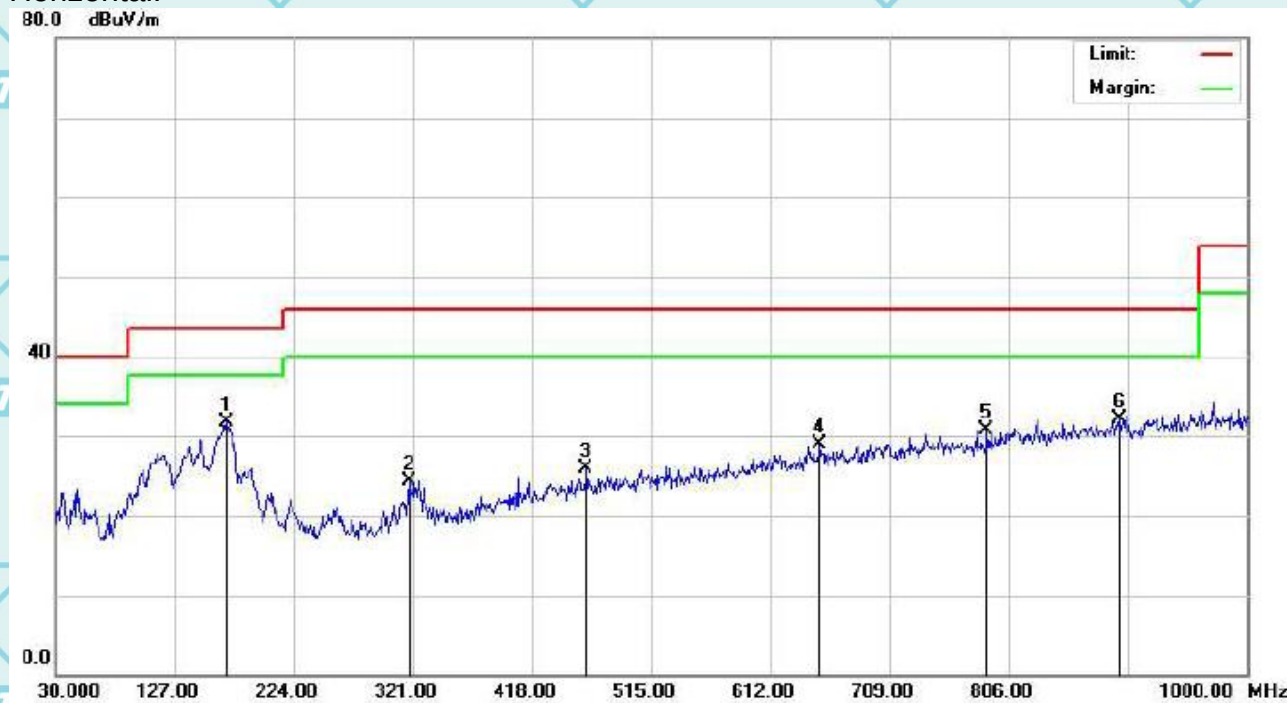
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

6.7.2. Test Data(worst case)

Please refer to following diagram for individual
Below 1GHz

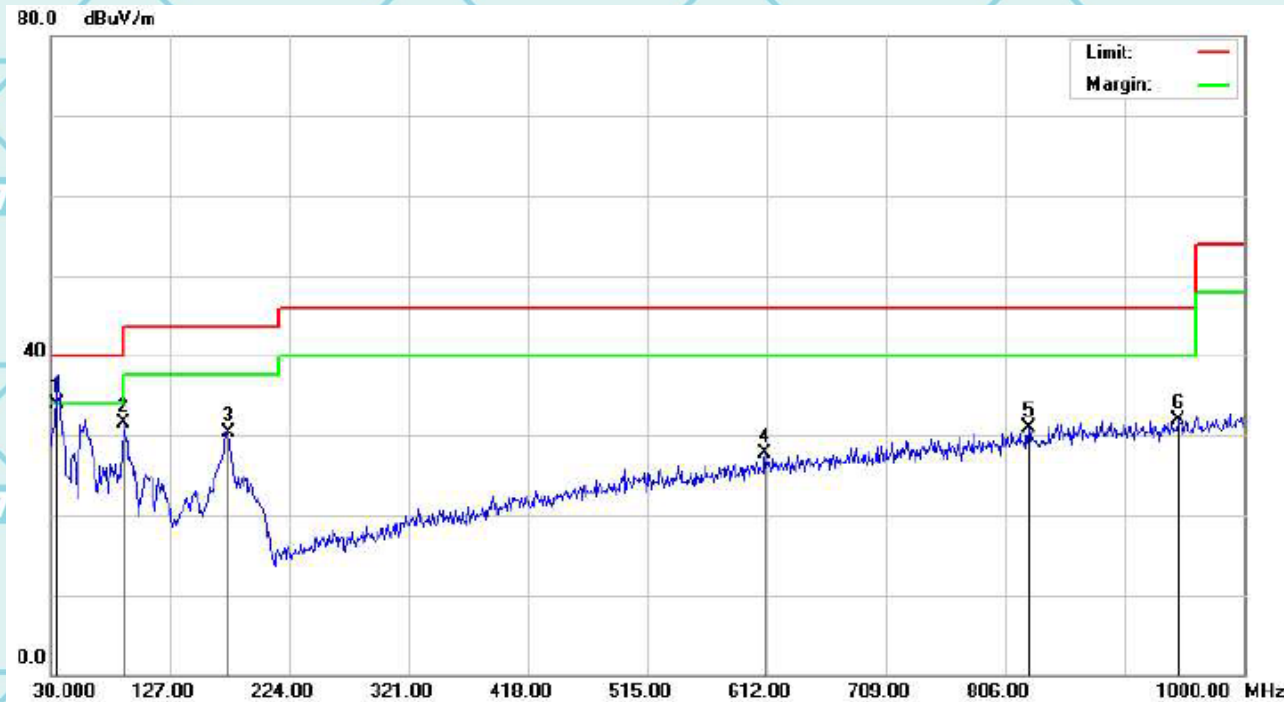
Horizontal:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	168.7100	39.06	-7.40	31.66	43.50	-11.84	QP
2		317.1200	30.29	-6.00	24.29	46.00	-21.71	QP
3		461.6500	27.65	-1.82	25.83	46.00	-20.17	QP
4		651.7700	26.63	2.35	28.98	46.00	-17.02	QP
5		787.5700	26.10	4.57	30.67	46.00	-15.33	QP
6		895.2400	25.43	6.60	32.03	46.00	-13.97	QP

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Vertical:

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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	34.6800	54.41	-20.52	33.89	40.00	-6.11	QP
2		89.1700	51.62	-20.20	31.42	43.50	-12.08	QP
3		174.5300	50.12	-19.81	30.31	43.50	-13.19	QP
4		610.0600	45.32	-17.67	27.65	46.00	-18.35	QP
5		824.4300	47.33	-16.49	30.84	46.00	-15.16	QP
6		946.6500	47.49	-15.65	31.84	46.00	-14.16	QP

Note1:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Over(dB) = Measurement (dBuV) – Limits (dBuV)

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Above 1GHz(worst case)

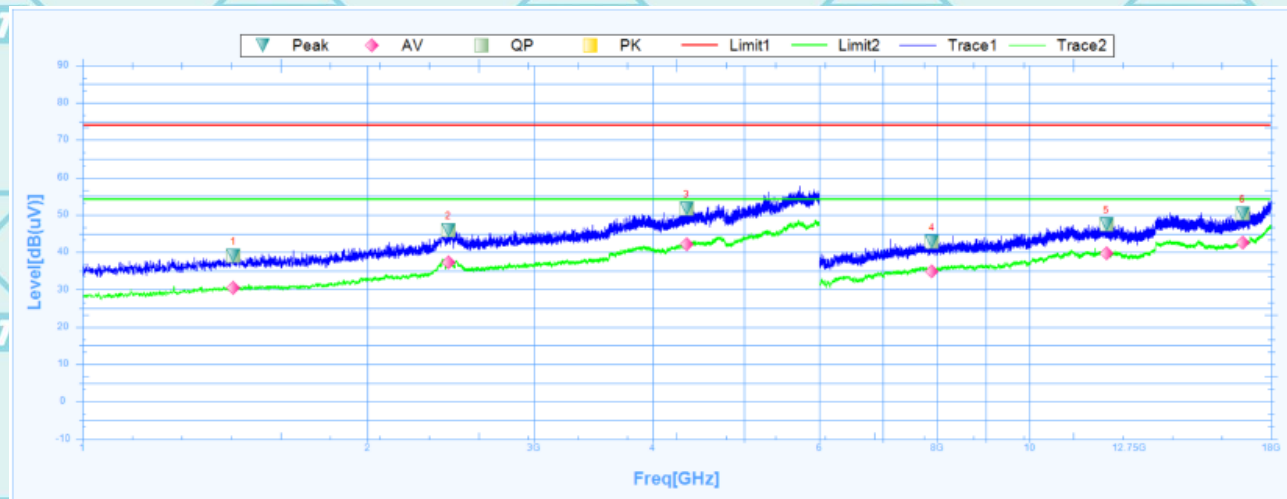
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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

Note 3: The report only recorded the worst-case scenario of ANT 1 802.11b.

1 GHz to 18 GHz Low Channel

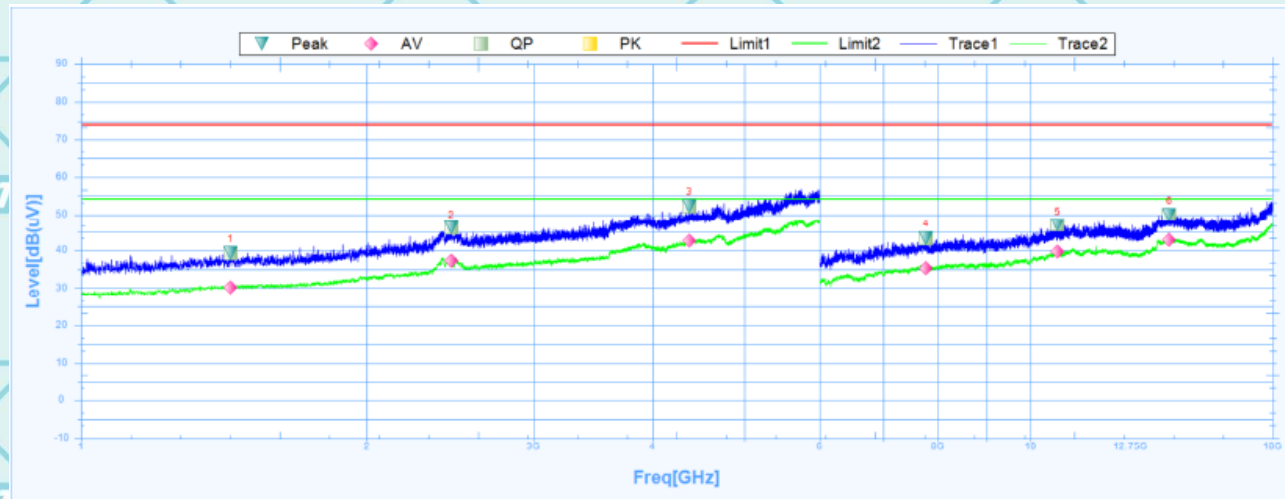
Horizontal:



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1443.1250	39.06	25.06	14	74	-34.94	230	Horizontal	PK	Pass
1	1443.1250	30.53	25.06	5.47	54	-23.47	230	Horizontal	AV	Pass
2	2434.3750	45.95	27.38	18.57	74	-28.05	341.2	Horizontal	PK	Pass
2	2434.3750	37.39	27.38	10.01	54	-16.61	341.2	Horizontal	AV	Pass
3	4346.8750	51.6	30.32	21.28	74	-22.4	97.4	Horizontal	PK	Pass
3	4346.8750	42.14	30.32	11.82	54	-11.86	97.4	Horizontal	AV	Pass
4	7894.5000	42.89	8.02	34.87	74	-31.11	18.8	Horizontal	PK	Pass
4	7894.5000	34.9	8.02	26.88	54	-19.1	18.8	Horizontal	AV	Pass
5	12063.0000	47.34	16.74	30.6	74	-26.66	235.2	Horizontal	PK	Pass
5	12063.0000	39.82	16.74	23.08	54	-14.18	235.2	Horizontal	AV	Pass
6	16789.5000	50.41	19.69	30.72	74	-23.59	327.2	Horizontal	PK	Pass
6	16789.5000	42.67	19.69	22.98	54	-11.33	327.2	Horizontal	AV	Pass

Vertical :



Susputed Data List

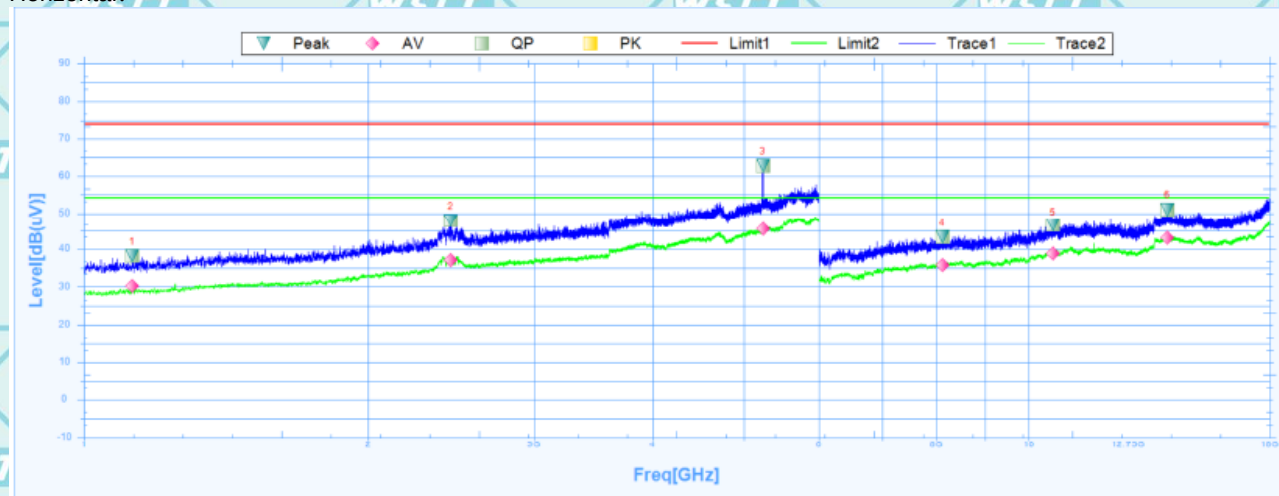
NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1436.8750	39.27	25.06	14.21	74	-34.73	150	Vertical	PK	Pass
1	1436.8750	30.28	25.06	5.22	54	-23.72	150	Vertical	AV	Pass
2	2455.6250	46.14	27.45	18.69	74	-27.86	188.2	Vertical	PK	Pass
2	2455.6250	37.27	27.45	9.82	54	-16.73	188.2	Vertical	AV	Pass
3	4376.2500	52.35	30.38	21.97	74	-21.65	154.7	Vertical	PK	Pass
3	4376.2500	42.5	30.38	12.12	54	-11.5	154.7	Vertical	AV	Pass
4	7768.5000	43.35	7.96	35.39	74	-30.65	139.6	Vertical	PK	Pass
4	7768.5000	35.36	7.96	27.4	54	-18.64	139.6	Vertical	AV	Pass
5	10686.0000	47.05	14.58	32.47	74	-26.95	13	Vertical	PK	Pass
5	10686.0000	39.71	14.58	25.13	54	-14.29	13	Vertical	AV	Pass
6	14013.0000	49.92	19.11	30.81	74	-24.08	170.7	Vertical	PK	Pass
6	14013.0000	42.71	19.11	23.6	54	-11.29	170.7	Vertical	AV	Pass

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

Horizontal:



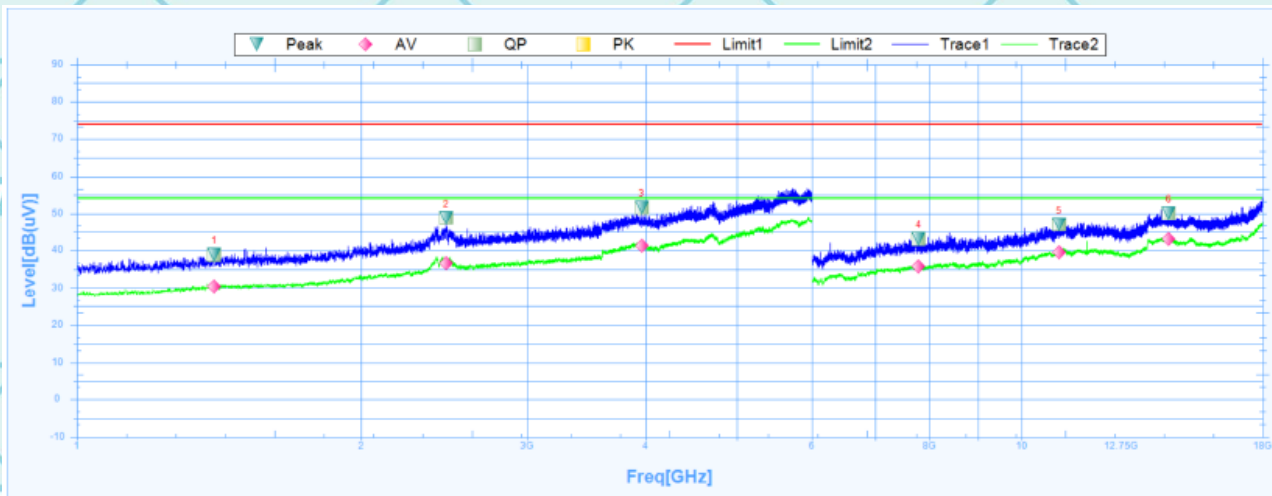
Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1125.0000	38.26	24.36	13.9	74	-35.74	360	Horizontal	PK	Pass
1	1125.0000	30.11	24.36	5.75	54	-23.89	360	Horizontal	AV	Pass
2	2445.6250	47.99	27.42	20.57	74	-26.01	154.6	Horizontal	PK	Pass
2	2445.6250	37.13	27.42	9.71	54	-16.87	154.6	Horizontal	AV	Pass
3	5235.0000	62.73	31.79	30.94	74	-11.27	39.9	Horizontal	PK	Pass
3	5235.0000	45.47	31.79	13.68	54	-8.53	39.9	Horizontal	AV	Pass
4	8107.5000	43.14	8.5	34.64	74	-30.86	289	Horizontal	PK	Pass
4	8107.5000	35.72	8.5	27.22	54	-18.28	289	Horizontal	AV	Pass
5	10611.0000	46.58	14.36	32.22	74	-27.42	6.3	Horizontal	PK	Pass
5	10611.0000	38.92	14.36	24.56	54	-15.08	6.3	Horizontal	AV	Pass
6	14025.0000	51.08	19.1	31.98	74	-22.92	33.2	Horizontal	PK	Pass
6	14025.0000	43.02	19.1	23.92	54	-10.98	33.2	Horizontal	AV	Pass

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Vertical :



Suspected Data List

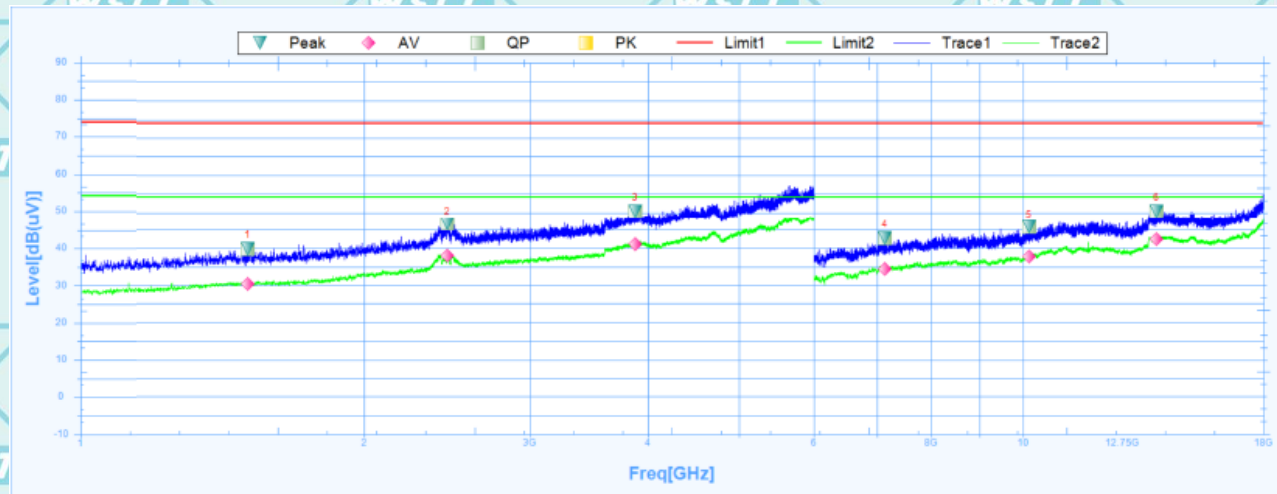
NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1398.1250	38.85	25.09	13.76	74	-35.15	169.1	Vertical	PK	Pass
1	1398.1250	30.36	25.09	5.27	54	-23.64	169.1	Vertical	AV	Pass
2	2461.2500	48.83	27.47	21.36	74	-25.17	300.6	Vertical	PK	Pass
2	2461.2500	36.71	27.47	9.24	54	-17.29	300.6	Vertical	AV	Pass
3	3964.3750	51.59	29.61	21.98	74	-22.41	292.2	Vertical	PK	Pass
3	3964.3750	41.23	29.61	11.62	54	-12.77	292.2	Vertical	AV	Pass
4	7786.5000	43.1	7.97	35.13	74	-30.9	0	Vertical	PK	Pass
4	7786.5000	35.77	7.97	27.8	54	-18.23	0	Vertical	AV	Pass
5	10963.5000	47.07	15.41	31.66	74	-26.93	268.7	Vertical	PK	Pass
5	10963.5000	39.48	15.41	24.07	54	-14.52	268.7	Vertical	AV	Pass
6	14326.5000	50.09	18.8	31.29	74	-23.91	338.9	Vertical	PK	Pass
6	14326.5000	43.02	18.8	24.22	54	-10.98	338.9	Vertical	AV	Pass

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

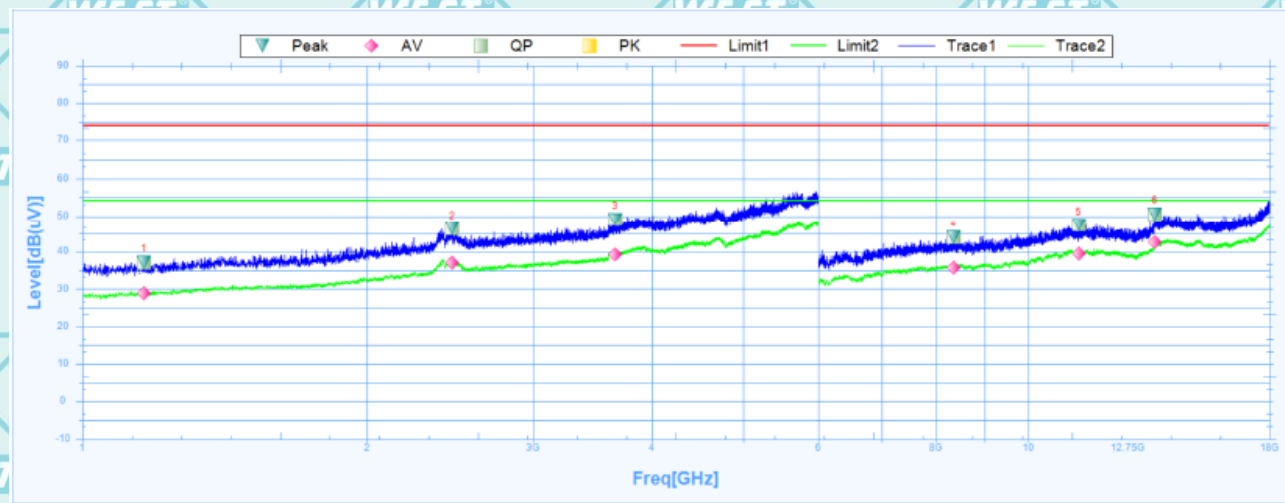
Horizontal:



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1504.3750	39.61	25	14.61	74	-34.39	170.3	Horizontal	PK	Pass
1	1504.3750	30.48	25	5.48	54	-23.52	170.3	Horizontal	AV	Pass
2	2450.0000	46.59	27.43	19.16	74	-27.41	264.7	Horizontal	PK	Pass
2	2450.0000	38.04	27.43	10.61	54	-15.96	264.7	Horizontal	AV	Pass
3	3878.7500	50.32	29.41	20.91	74	-23.68	288.6	Horizontal	PK	Pass
3	3878.7500	41.15	29.41	11.74	54	-12.85	288.6	Horizontal	AV	Pass
4	7137.0000	42.59	6.9	35.69	74	-31.41	279.4	Horizontal	PK	Pass
4	7137.0000	34.47	6.9	27.57	54	-19.53	279.4	Horizontal	AV	Pass
5	10153.5000	45.77	12.82	32.95	74	-28.23	359	Horizontal	PK	Pass
5	10153.5000	37.8	12.82	24.98	54	-16.2	359	Horizontal	AV	Pass
6	13861.5000	50.34	18.72	31.62	74	-23.66	194.6	Horizontal	PK	Pass
6	13861.5000	42.44	18.72	23.72	54	-11.56	194.6	Horizontal	AV	Pass

Vertical :



Suspected Data List

NO.	Freq. [MHz]	Level [dB(uV)]	Factor [dB]	Reading [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1161.8750	37.03	24.38	12.65	74	-36.97	360.1	Vertical	PK	Pass
1	1161.8750	28.89	24.38	4.51	54	-25.11	360.1	Vertical	AV	Pass
2	2461.8750	46.36	27.47	18.89	74	-27.64	31.6	Vertical	PK	Pass
2	2461.8750	37.1	27.47	9.63	54	-16.9	31.6	Vertical	AV	Pass
3	3661.8750	48.92	28.89	20.03	74	-25.08	360.1	Vertical	PK	Pass
3	3661.8750	39.22	28.89	10.33	54	-14.78	360.1	Vertical	AV	Pass
4	8341.5000	43.85	9	34.85	74	-30.15	109.7	Vertical	PK	Pass
4	8341.5000	35.72	9	26.72	54	-18.28	109.7	Vertical	AV	Pass
5	11308.5000	47.49	15.59	31.9	74	-26.51	334.4	Vertical	PK	Pass
5	11308.5000	39.39	15.59	23.8	54	-14.61	334.4	Vertical	AV	Pass
6	13615.5000	50.54	18.01	32.53	74	-23.46	359.6	Vertical	PK	Pass
6	13615.5000	42.69	18.01	24.68	54	-11.31	359.6	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 ANT1 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	62.16	-8.76	53.40	74	20.60	H	PK
2390	53.36	-8.76	44.60	54	9.40	H	AV
2390	60.97	-8.73	52.24	74	21.76	V	PK
2390	54.23	-8.73	45.50	54	8.50	V	AV
High Channel							
2483.5	62.17	-8.17	54.00	74	20.00	H	PK
2483.5	53.31	-8.17	45.14	54	8.86	H	AV
2483.5	61.73	-8.17	53.56	74	20.44	V	PK
2483.5	54.51	-8.17	46.34	54	7.66	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*******