	3. Corrected Reading: Antenna Factor + Cable Loss + 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 ≥RBW; Sweep = auto; Detector function = peak; Trace = max hold; (3) Set RBW = 1 MHz, VBW= 3MHz for f 1 GHz for peak measurement. For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. VBW ≥ 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 C63.10-2013, 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.

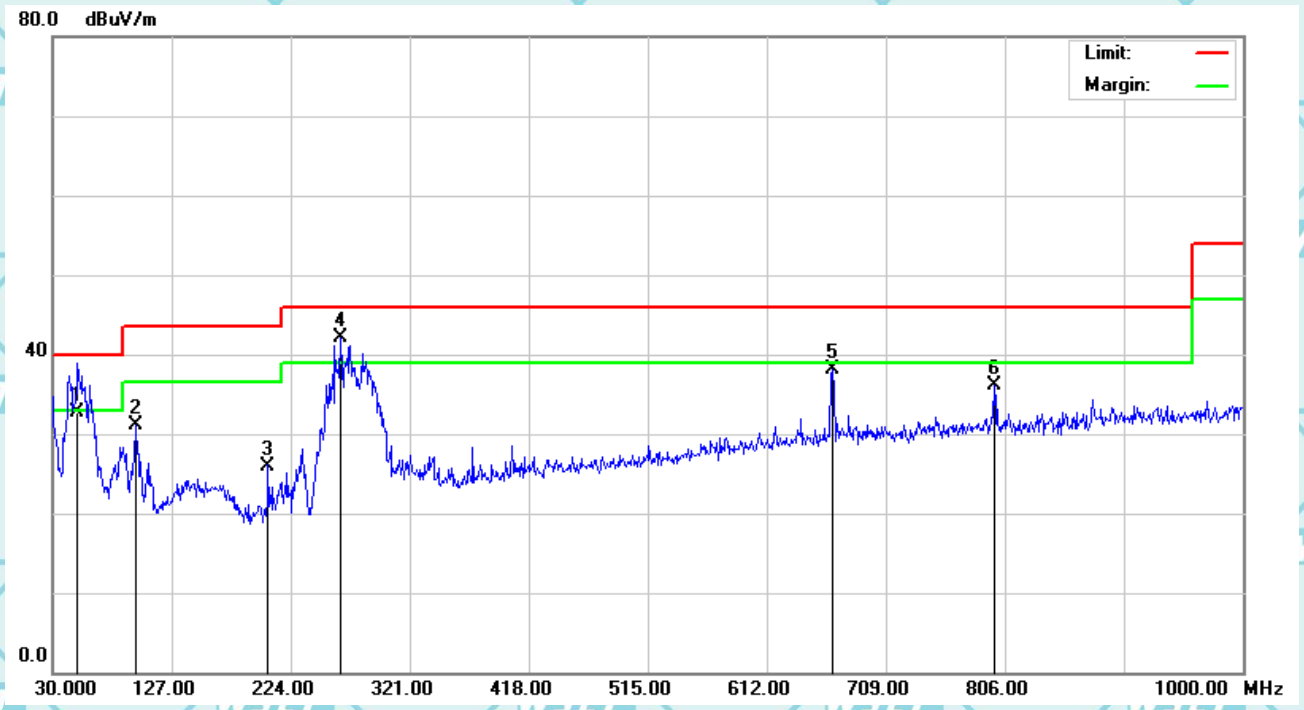
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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.

6.6.2. Test Data(worst)

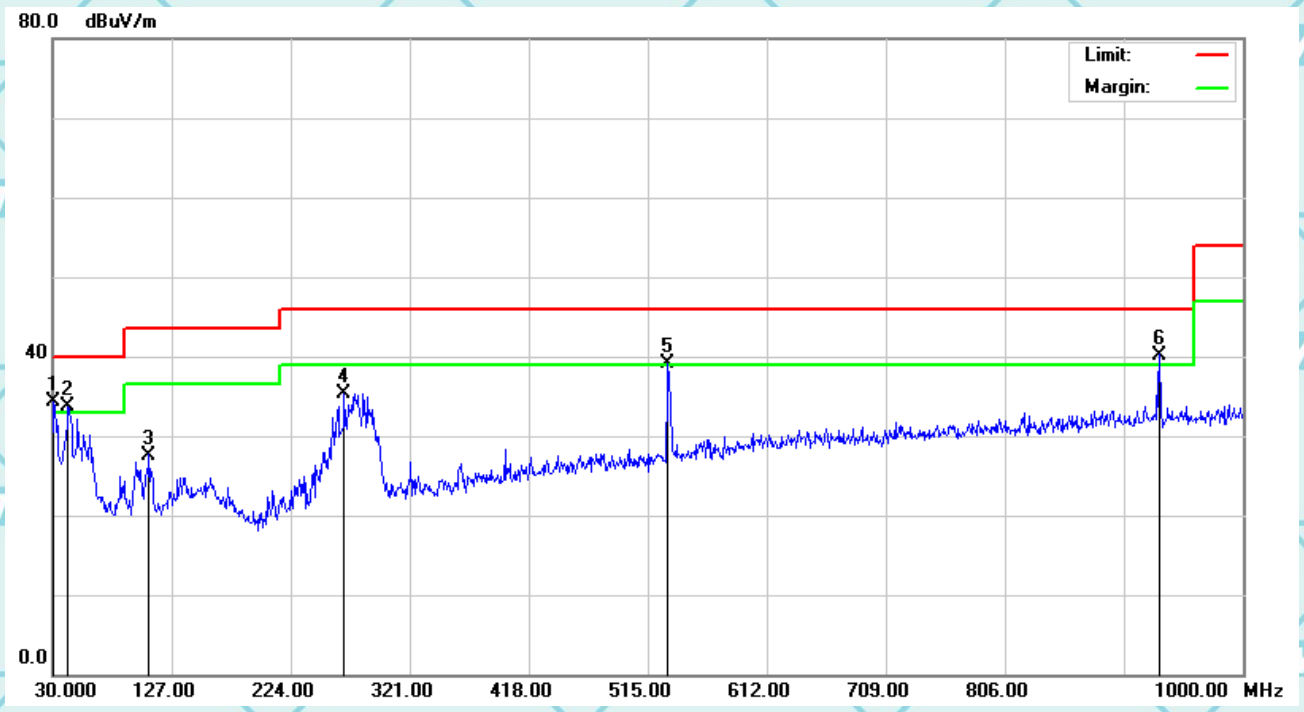
Please refer to following diagram for individual
Below 1GHz

Horizontal:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		50.3700	34.85	-2.14	32.71	40.00	-7.29	QP
2		97.9000	36.78	-5.68	31.10	43.50	-12.40	QP
3		205.5700	31.83	-5.83	26.00	43.50	-17.50	QP
4	*	264.7400	45.61	-3.59	42.02	46.00	-3.98	QP
5		665.3500	33.08	4.97	38.05	46.00	-7.95	QP
6		797.2700	29.72	6.40	36.12	46.00	-9.88	QP

Vertical:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	30.9700	36.83	-2.57	34.26	40.00	-5.74	QP
2	!	42.6100	35.53	-1.80	33.73	40.00	-6.27	QP
3		108.5700	32.34	-4.74	27.60	43.50	-15.90	QP
4		267.6500	38.68	-3.42	35.26	46.00	-10.74	QP
5	!	531.4900	36.85	2.24	39.09	46.00	-6.91	QP
6	!	932.1000	32.24	7.96	40.20	46.00	-5.80	QP

Note1:
Freq. = Emission frequency in MHz
Reading level (dBµV) = Receiver reading
Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.
Measurement (dBµV) = Reading level (dBµV) + Corr. Factor (dB)
Limit (dBµV) = Limit stated in standard
Margin (dB) = Measurement (dBµV) – Limits (dBµV)

Above 1GHz

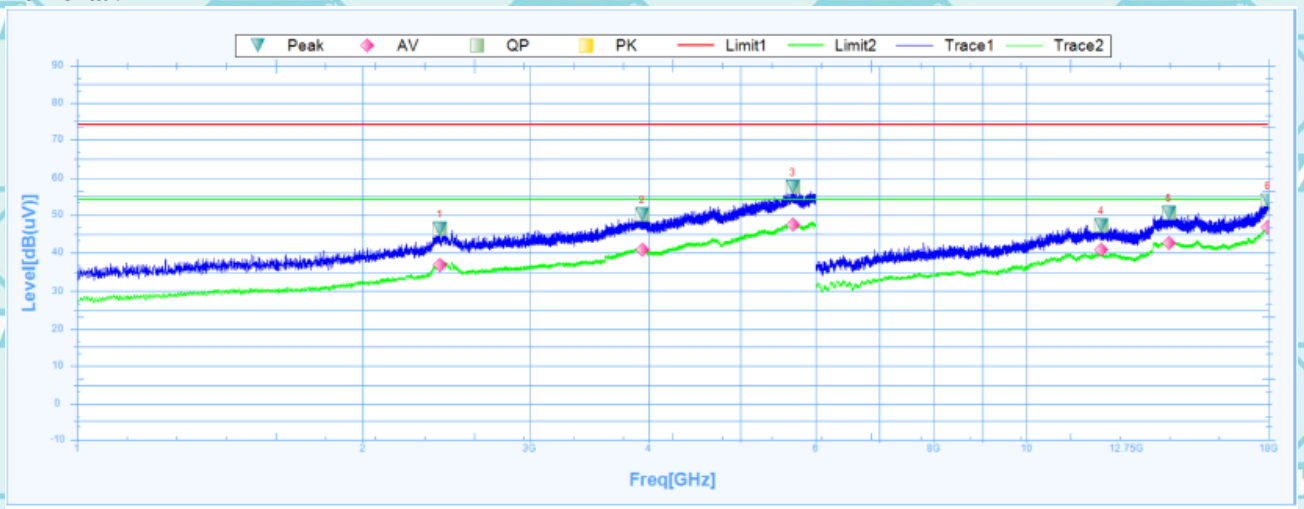
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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 H 802.11b Low Channel

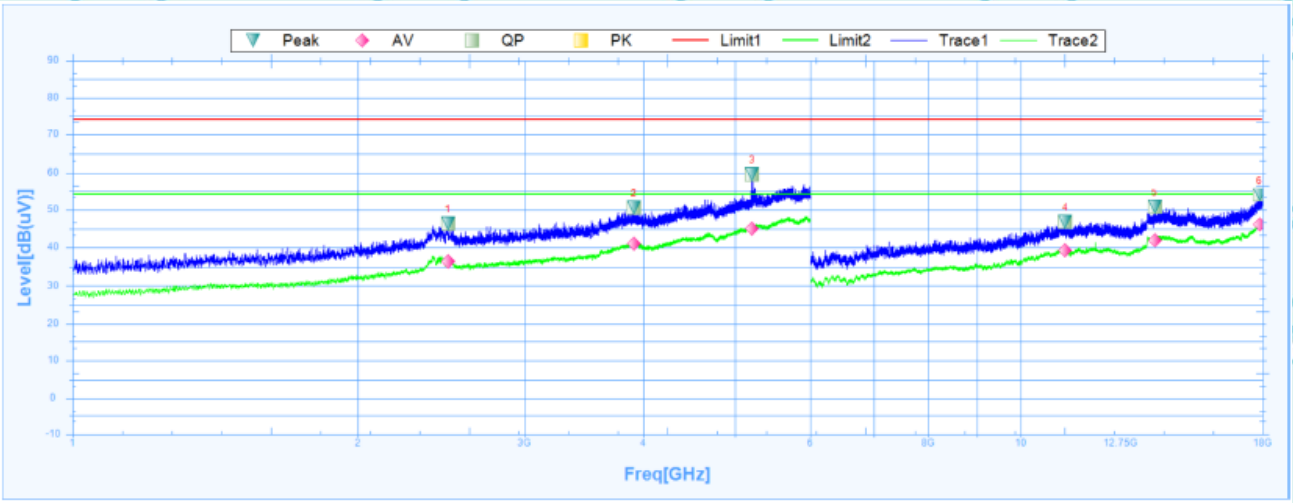
Horizontal:



Susputed Data List

NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2410.6250	46.38	27.3	19.08	74	-27.62	87.8	Horizontal	PK	Pass
1	2410.6250	36.82	27.3	9.52	54	-17.18	87.8	Horizontal	AV	Pass
2	3940.6250	50.05	29.56	20.49	74	-23.95	352.9	Horizontal	PK	Pass
2	3940.6250	40.8	29.56	11.24	54	-13.2	352.9	Horizontal	AV	Pass
3	5676.8750	57.54	32.28	25.26	74	-16.46	345.9	Horizontal	PK	Pass
3	5676.8750	47.4	32.28	15.12	54	-6.6	345.9	Horizontal	AV	Pass
4	11991.0000	47.15	16.81	30.34	74	-26.85	145.5	Horizontal	PK	Pass
4	11991.0000	40.82	16.81	24.01	54	-13.18	145.5	Horizontal	AV	Pass
5	14128.5000	50.57	19	31.57	74	-23.43	143.1	Horizontal	PK	Pass
5	14128.5000	42.53	19	23.53	54	-11.47	143.1	Horizontal	AV	Pass
6	17965.5000	54.1	23.68	30.42	74	-19.9	298.5	Horizontal	PK	Pass
6	17965.5000	46.81	23.68	23.13	54	-7.19	298.5	Horizontal	AV	Pass

Vertical :

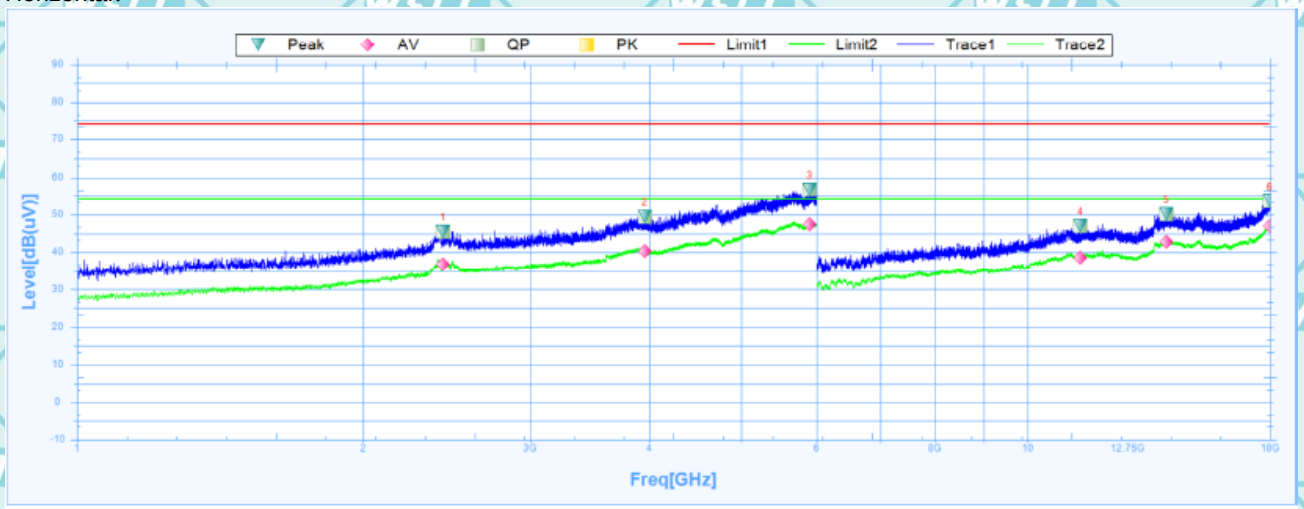


Susputed Data List

NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2488.1250	46.27	27.56	18.71	74	-27.73	211.9	Vertical	PK	Pass
1	2488.1250	36.45	27.56	8.89	54	-17.55	211.9	Vertical	AV	Pass
2	3911.2500	50.49	29.49	21	74	-23.51	359.9	Vertical	PK	Pass
2	3911.2500	41.13	29.49	11.64	54	-12.87	359.9	Vertical	AV	Pass
3	5213.7500	59.49	31.77	27.72	74	-14.51	12.1	Vertical	PK	Pass
3	5213.7500	45.01	31.77	13.24	54	-8.99	12.1	Vertical	AV	Pass
4	11149.5000	46.77	15.81	30.96	74	-27.23	303.3	Vertical	PK	Pass
4	11149.5000	39.22	15.81	23.41	54	-14.78	303.3	Vertical	AV	Pass
5	13851.0000	50.74	18.69	32.05	74	-23.26	354.7	Vertical	PK	Pass
5	13851.0000	42.01	18.69	23.32	54	-11.99	354.7	Vertical	AV	Pass
6	17865.0000	54.14	23.04	31.1	74	-19.86	101.3	Vertical	PK	Pass
6	17865.0000	46.1	23.04	23.06	54	-7.9	101.3	Vertical	AV	Pass

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

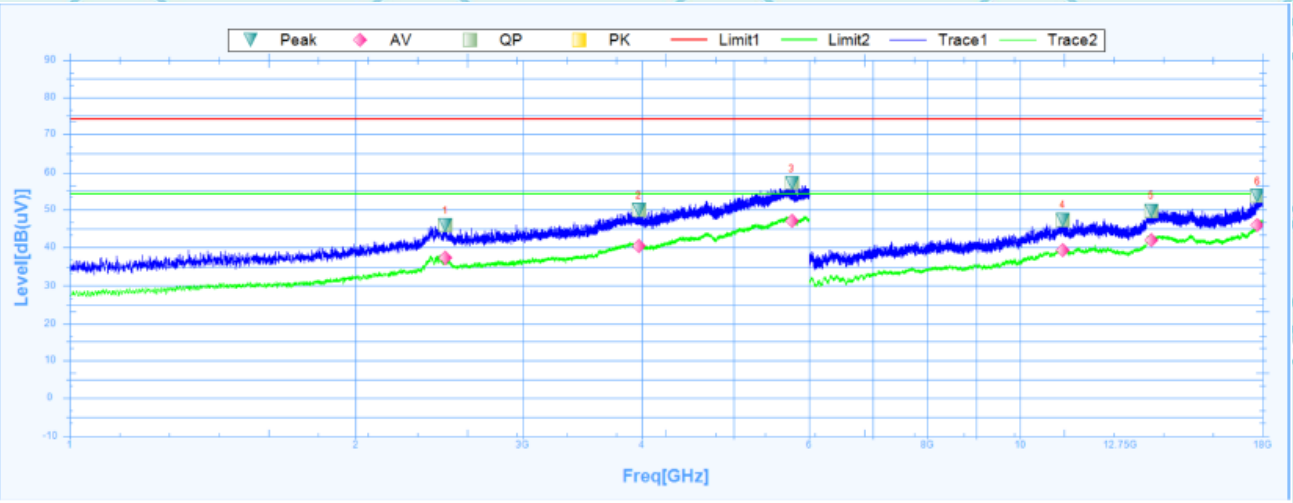
Horizontal:



Susputed Data List

NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2425.6250	45.48	27.35	18.13	74	-28.52	342.4	Horizontal	PK	Pass
1	2425.6250	36.78	27.35	9.43	54	-17.22	342.4	Horizontal	AV	Pass
2	3957.5000	49.47	29.6	19.87	74	-24.53	231.2	Horizontal	PK	Pass
2	3957.5000	40.33	29.6	10.73	54	-13.67	231.2	Horizontal	AV	Pass
3	5901.8750	56.64	32.64	24	74	-17.36	243.2	Horizontal	PK	Pass
3	5901.8750	47.41	32.64	14.77	54	-6.59	243.2	Horizontal	AV	Pass
4	11373.0000	47.02	15.77	31.25	74	-26.98	359.4	Horizontal	PK	Pass
4	11373.0000	38.52	15.77	22.75	54	-15.48	359.4	Horizontal	AV	Pass
5	14005.5000	50.08	19.11	30.97	74	-23.92	42.8	Horizontal	PK	Pass
5	14005.5000	42.77	19.11	23.66	54	-11.23	42.8	Horizontal	AV	Pass
6	17988.0000	53.59	23.84	29.75	74	-20.41	67.8	Horizontal	PK	Pass
6	17988.0000	47	23.84	23.16	54	-7	67.8	Horizontal	AV	Pass

Vertical :

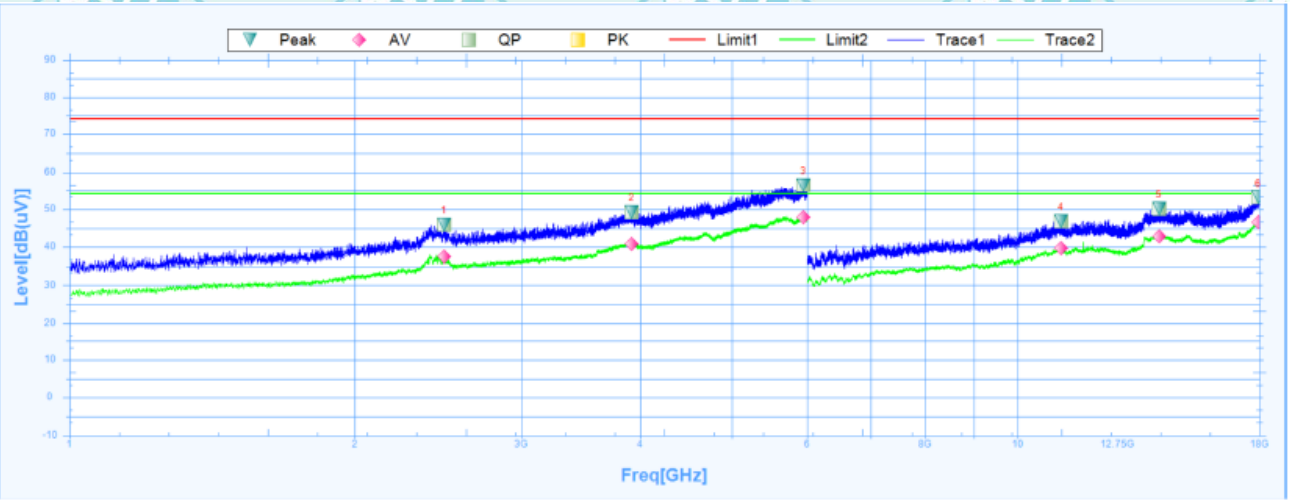


Susputed Data List

NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2484.3750	45.97	27.55	18.42	74	-28.03	264.6	Vertical	PK	Pass
1	2484.3750	37.25	27.55	9.7	54	-16.75	264.6	Vertical	AV	Pass
2	3971.2500	49.93	29.63	20.3	74	-24.07	352	Vertical	PK	Pass
2	3971.2500	40.33	29.63	10.7	54	-13.67	352	Vertical	AV	Pass
3	5752.5000	57.19	32.4	24.79	74	-16.81	148.7	Vertical	PK	Pass
3	5752.5000	47.11	32.4	14.71	54	-6.89	148.7	Vertical	AV	Pass
4	11092.5000	47.33	15.89	31.44	74	-26.67	260.3	Vertical	PK	Pass
4	11092.5000	39.34	15.89	23.45	54	-14.66	260.3	Vertical	AV	Pass
5	13746.0000	49.75	18.39	31.36	74	-24.25	155.2	Vertical	PK	Pass
5	13746.0000	41.88	18.39	23.49	54	-12.12	155.2	Vertical	AV	Pass
6	17787.0000	53.73	22.54	31.19	74	-20.27	358.5	Vertical	PK	Pass
6	17787.0000	45.93	22.54	23.39	54	-8.07	358.5	Vertical	AV	Pass

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

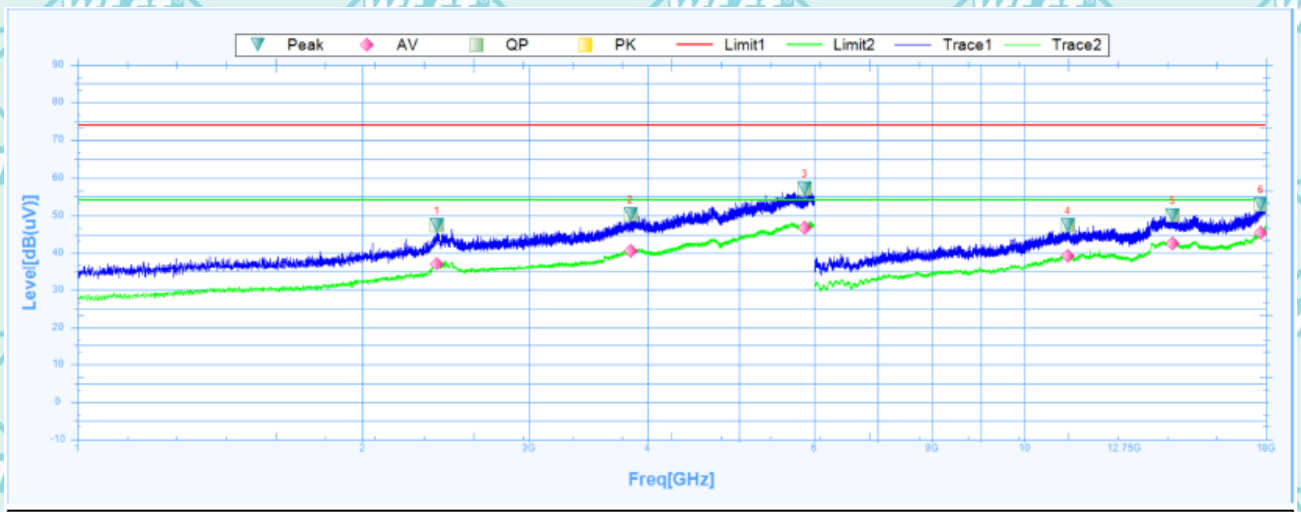
Horizontal:



Susputed Data List

NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2483.1250	45.87	27.54	18.33	74	-28.13	131.8	Horizontal	PK	Pass
1	2483.1250	37.57	27.54	10.03	54	-16.43	131.8	Horizontal	AV	Pass
2	3919.3750	49.27	29.51	19.76	74	-24.73	329.1	Horizontal	PK	Pass
2	3919.3750	40.71	29.51	11.2	54	-13.29	329.1	Horizontal	AV	Pass
3	5948.1250	56.47	32.72	23.75	74	-17.53	14.2	Horizontal	PK	Pass
3	5948.1250	47.97	32.72	15.25	54	-6.03	14.2	Horizontal	AV	Pass
4	11112.0000	46.86	15.86	31	74	-27.14	359.3	Horizontal	PK	Pass
4	11112.0000	39.65	15.86	23.79	54	-14.35	359.3	Horizontal	AV	Pass
5	14104.5000	50.08	19.02	31.06	74	-23.92	0.5	Horizontal	PK	Pass
5	14104.5000	42.77	19.02	23.75	54	-11.23	0.5	Horizontal	AV	Pass
6	17943.0000	53.25	23.53	29.72	74	-20.75	44	Horizontal	PK	Pass
6	17943.0000	46.61	23.53	23.08	54	-7.39	44	Horizontal	AV	Pass

Vertical :



Susputed Data List										
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2396.8750	47.37	27.25	20.12	74	-26.63	0.5	Vertical	PK	Pass
1	2396.8750	36.99	27.25	9.74	54	-17.01	0.5	Vertical	AV	Pass
2	3838.1250	50.25	29.31	20.94	74	-23.75	46	Vertical	PK	Pass
2	3838.1250	40.58	29.31	11.27	54	-13.42	46	Vertical	AV	Pass
3	5865.0000	57.18	32.58	24.6	74	-16.82	230.1	Vertical	PK	Pass
3	5865.0000	46.82	32.58	14.24	54	-7.18	230.1	Vertical	AV	Pass
4	11118.0000	47.42	15.85	31.57	74	-26.58	312.9	Vertical	PK	Pass
4	11118.0000	39.29	15.85	23.44	54	-14.71	312.9	Vertical	AV	Pass
5	14343.0000	50.18	18.77	31.41	74	-23.82	296.2	Vertical	PK	Pass
5	14343.0000	42.48	18.77	23.71	54	-11.52	296.2	Vertical	AV	Pass
6	17776.5000	52.98	22.47	30.51	74	-21.02	39.1	Vertical	PK	Pass
6	17776.5000	45.46	22.47	22.99	54	-8.54	39.1	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.

6.6.3. 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	62.87	-8.76	54.11	74	19.89	H	PK
2390	55.88	-8.76	47.12	54	6.88	H	AV
2390	60.94	-8.73	52.21	74	21.79	V	PK
2390	55.84	-8.73	47.11	54	6.89	V	AV
High Channel							
2483.5	64.61	-8.76	55.85	74	18.15	H	PK
2483.5	54.80	-8.76	46.04	54	7.96	H	AV
2483.5	60.09	-8.73	51.36	74	22.64	V	PK
2483.5	57.20	-8.73	48.47	54	5.53	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*******