

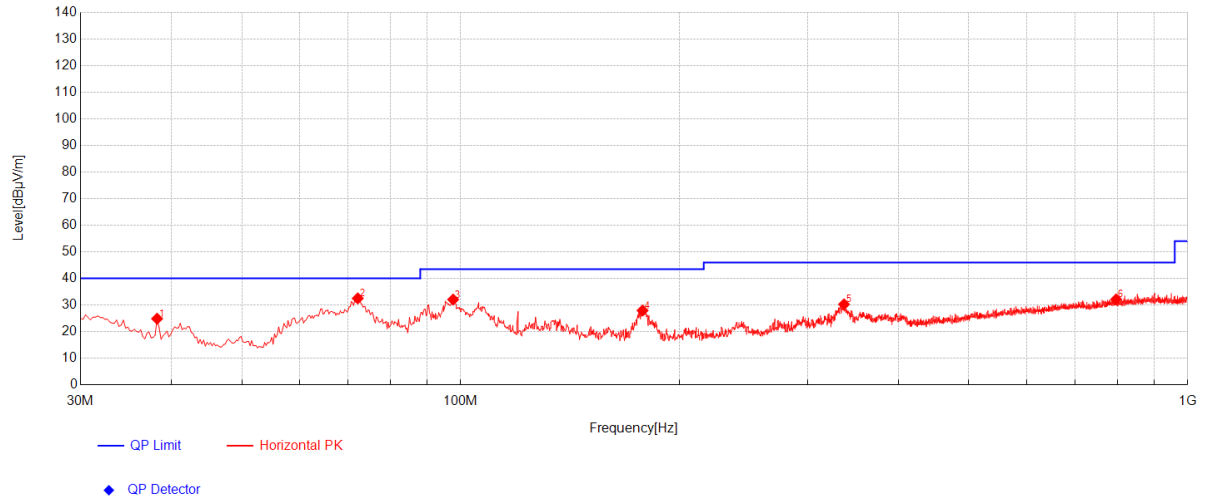
7.3.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

Test Mode: 00; Polarity: Horizontal



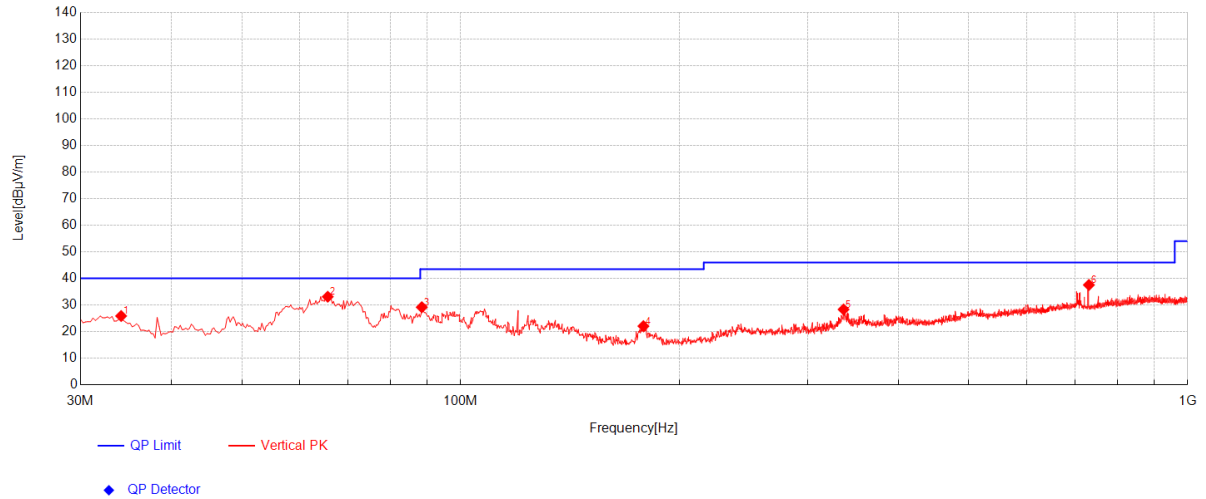
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	38.245	44.97	12.33	-32.43	24.87	40.00	15.13	Horizontal
2	72.195	56.81	7.74	-32.06	32.49	40.00	7.51	Horizontal
3	97.6575	52.13	11.80	-31.86	32.07	43.50	11.43	Horizontal
4	177.925	48.21	11.22	-31.48	27.95	43.50	15.55	Horizontal
5	336.7625	45.74	15.26	-30.72	30.28	46.00	15.72	Horizontal
6	797.27	39.01	22.42	-29.29	32.14	46.00	13.86	Horizontal



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Test Mode: 00; Polarity: Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	34.1225	41.89	16.48	-32.49	25.88	40.00	14.12	Vertical
2	65.6475	59.08	6.16	-32.11	33.13	40.00	6.87	Vertical
3	88.4425	50.47	10.63	-31.92	29.18	43.50	14.32	Vertical
4	178.41	42.44	11.12	-31.48	22.08	43.50	21.42	Vertical
5	336.2775	43.79	15.27	-30.72	28.34	46.00	17.66	Vertical
6	731.31	45.63	21.45	-29.53	37.55	46.00	8.45	Vertical

7.4 Radiated Spurious Emissions Above 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2020) Section 6.6

Measurement Distance: 3M

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
Above 1000	500	3

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 21.6 °C

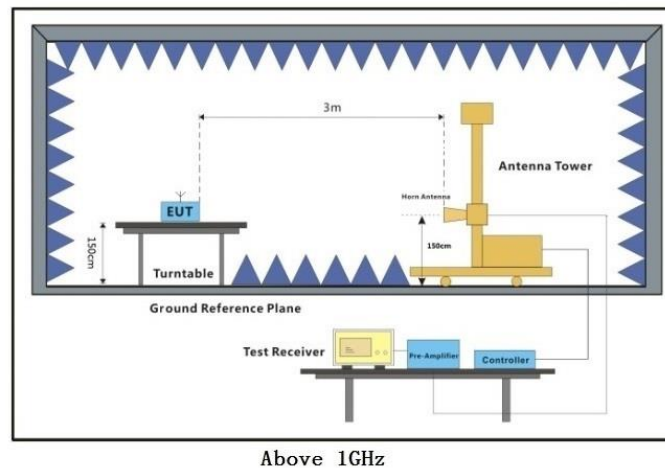
Humidity: 52.3 % RH

Atmospheric Pressure: 1010 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



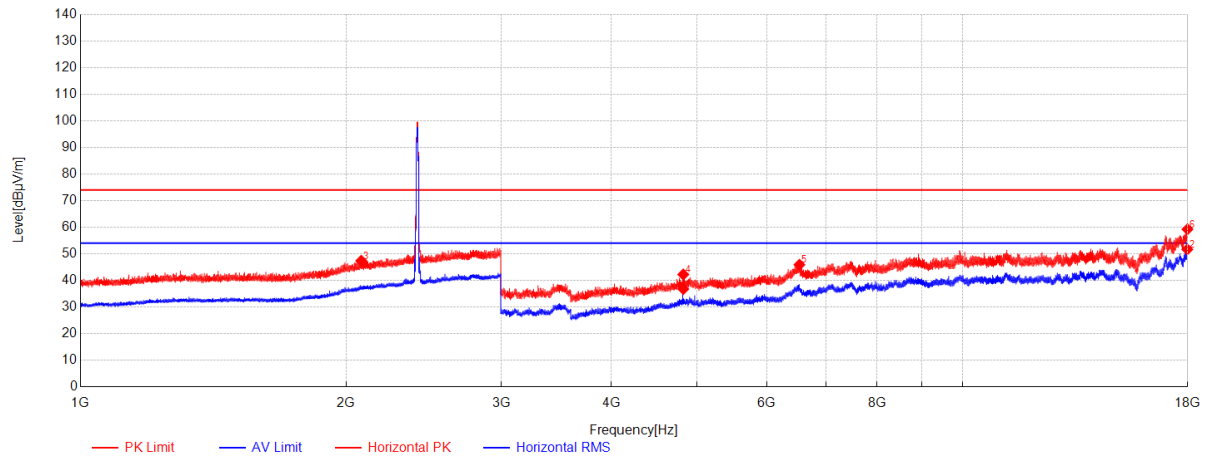
7.4.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

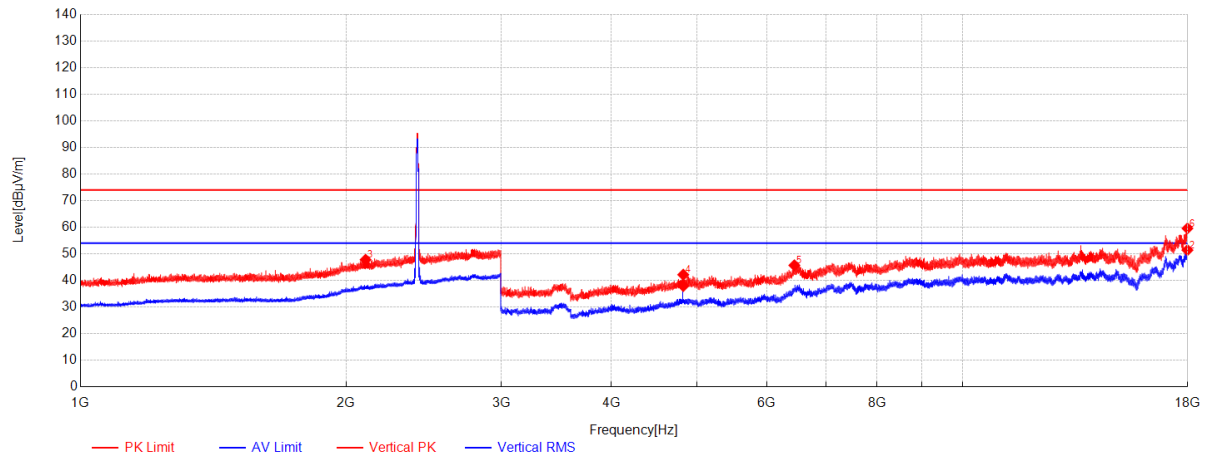
1. $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$
2. Scan from 1GHz to 25GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

11b_TX_CH_01_Horizontal



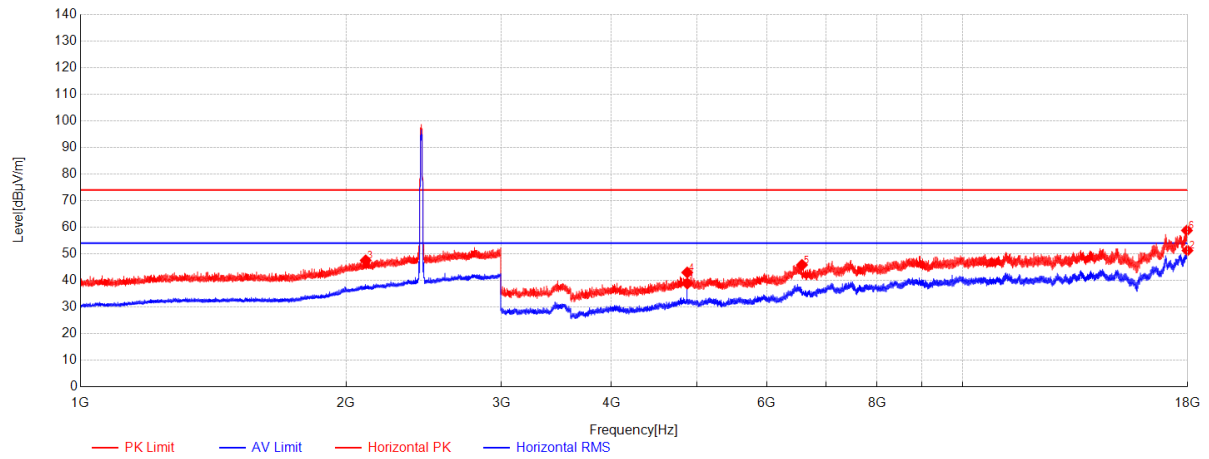
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824.5	55.52	31.45	-50.19	36.78	54.00	17.22	Horizontal
2	17983	49.90	43.20	-41.45	51.65	54.00	2.35	Horizontal
3	2081.3333	48.53	25.77	-26.93	47.37	74.00	26.63	Horizontal
4	4824	60.97	31.45	-50.19	42.23	74.00	31.77	Horizontal
5	6532.5	58.38	34.53	-47.02	45.89	74.00	28.11	Horizontal
6	17990	57.33	43.20	-41.33	59.20	74.00	14.80	Horizontal

11b_TX_CH_01_Vertical



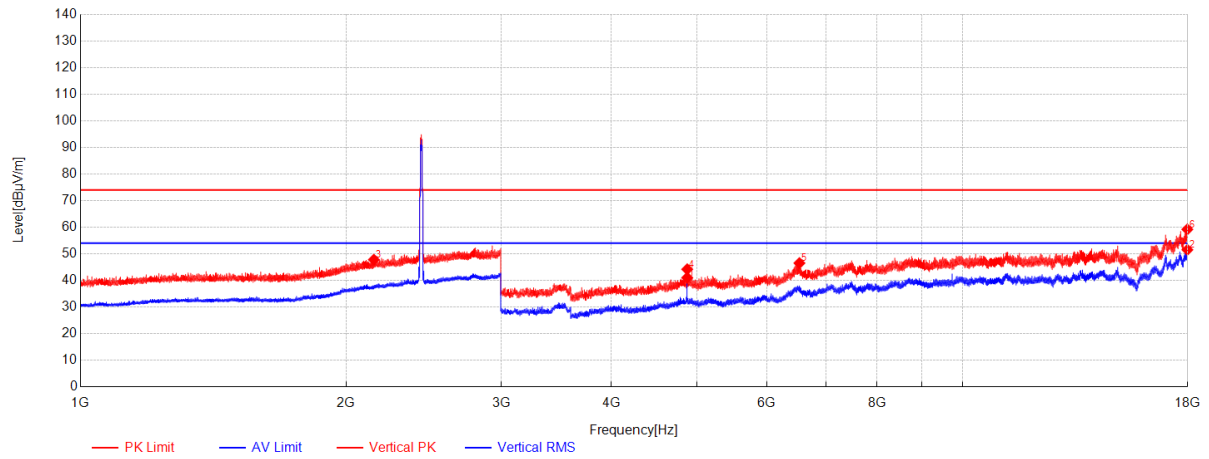
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824.5	56.64	31.45	-50.19	37.90	54.00	16.10	Vertical
2	17988.5	49.54	43.20	-41.36	51.38	54.00	2.62	Vertical
3	2105	48.83	25.80	-26.86	47.77	74.00	26.23	Vertical
4	4824	60.89	31.45	-50.19	42.15	74.00	31.85	Vertical
5	6446.5	58.51	34.18	-47.03	45.66	74.00	28.34	Vertical
6	17989	57.70	43.20	-41.35	59.55	74.00	14.45	Vertical

11b_TX_CH_06_Horizontal



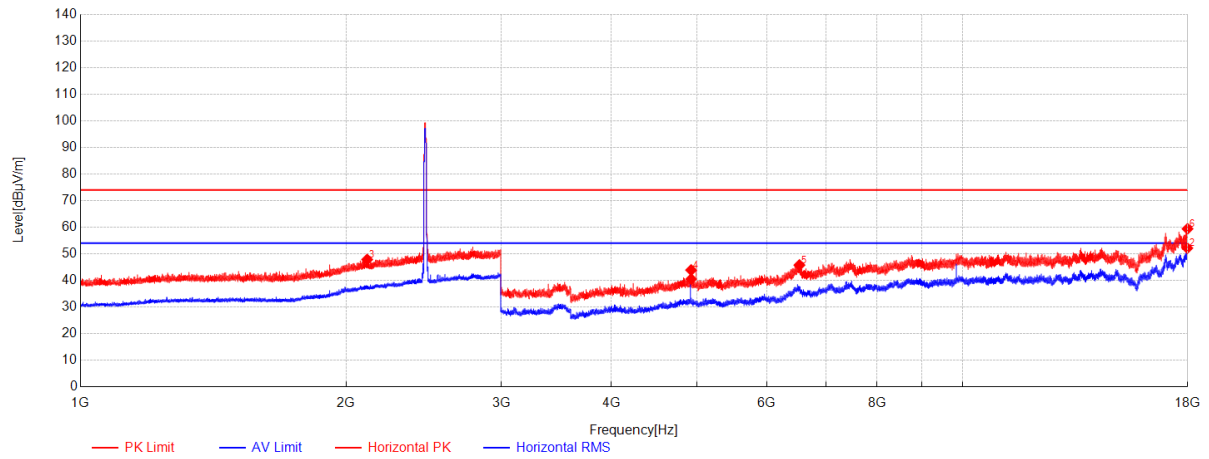
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874.5	57.93	31.45	-50.56	38.82	54.00	15.18	Horizontal
2	17991.5	49.32	43.20	-41.31	51.21	54.00	2.79	Horizontal
3	2105.5	48.59	25.80	-26.86	47.53	74.00	26.47	Horizontal
4	4874	62.08	31.45	-50.56	42.97	74.00	31.03	Horizontal
5	6576	59.23	34.75	-48.17	45.81	74.00	28.19	Horizontal
6	17965	57.31	43.20	-41.76	58.75	74.00	15.25	Horizontal

11b_TX_CH_06_Vertical



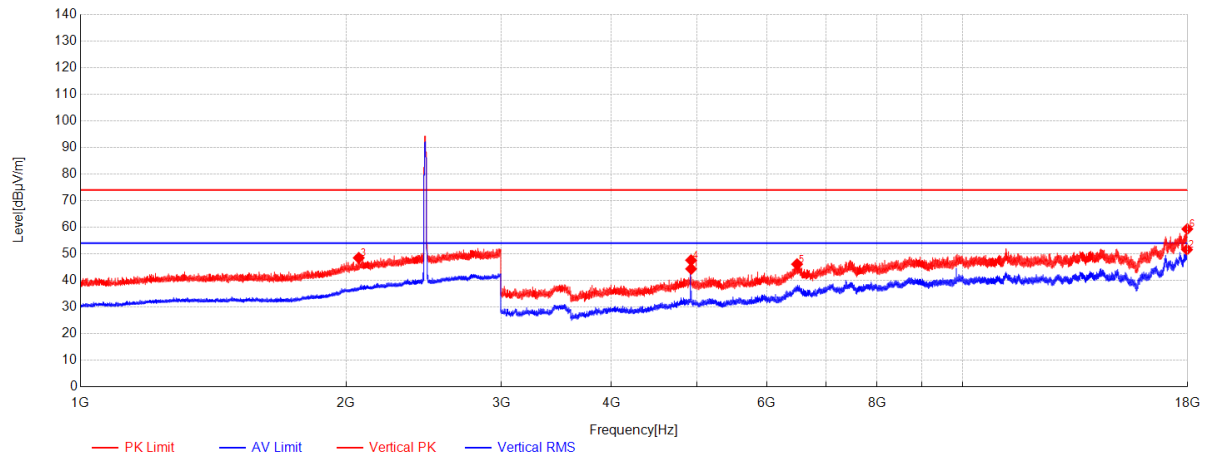
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874.5	60.13	31.45	-50.56	41.02	54.00	12.98	Vertical
2	17986.5	49.68	43.20	-41.39	51.49	54.00	2.51	Vertical
3	2151	48.76	25.63	-26.61	47.78	74.00	26.22	Vertical
4	4874	63.30	31.45	-50.56	44.19	74.00	29.81	Vertical
5	6533	59.01	34.53	-47.04	46.50	74.00	27.50	Vertical
6	17983	57.41	43.20	-41.45	59.16	74.00	14.84	Vertical

11b_TX_CH_11_Horizontal



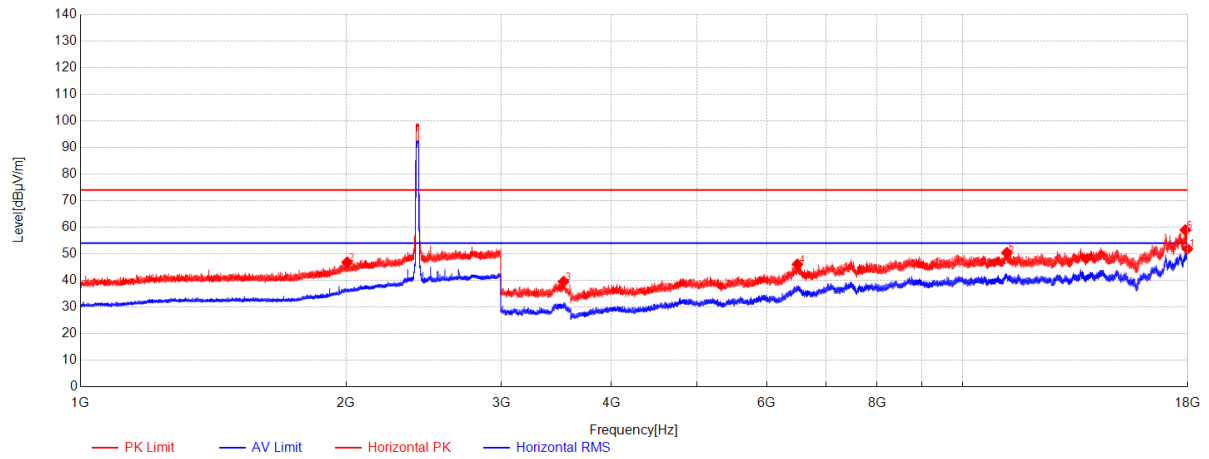
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924.5	59.71	31.50	-50.73	40.48	54.00	13.52	Horizontal
2	17984	50.37	43.20	-41.44	52.13	54.00	1.87	Horizontal
3	2113.6667	48.81	25.84	-26.82	47.83	74.00	26.17	Horizontal
4	4924	63.11	31.50	-50.73	43.88	74.00	30.12	Horizontal
5	6532	58.25	34.52	-47.01	45.76	74.00	28.24	Horizontal
6	17992.5	57.47	43.20	-41.29	59.38	74.00	14.62	Horizontal

11b_TX_CH_11_Vertical



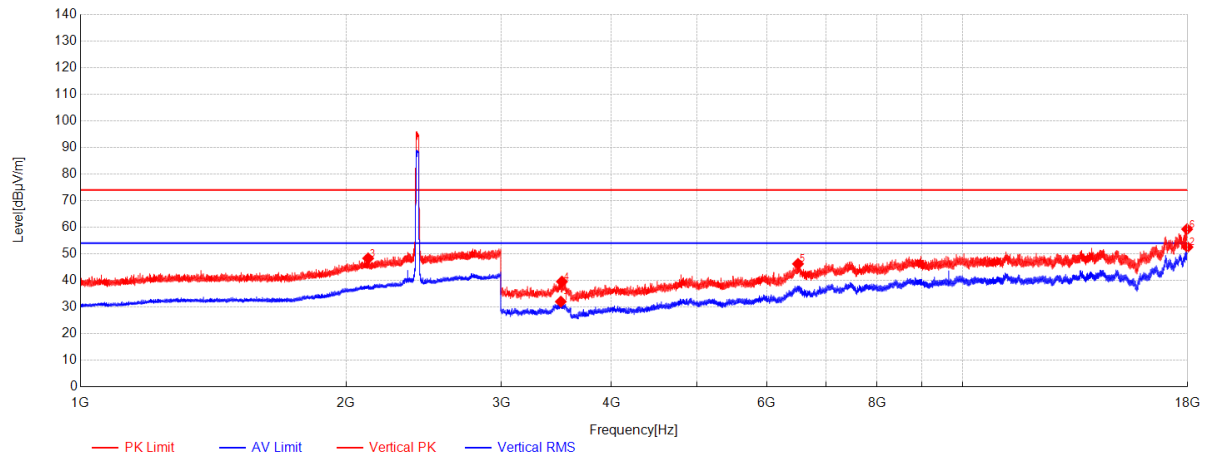
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924.5	63.56	31.50	-50.73	44.33	54.00	9.67	Vertical
2	17968.5	50.06	43.20	-41.70	51.56	54.00	2.44	Vertical
3	2067.8333	50.16	25.26	-26.95	48.47	74.00	25.53	Vertical
4	4924	66.81	31.50	-50.73	47.58	74.00	26.42	Vertical
5	6493	58.17	34.20	-46.28	46.09	74.00	27.91	Vertical
6	17982	57.57	43.20	-41.47	59.30	74.00	14.70	Vertical

11n(HT20)_TX_CH_01_Horizontal



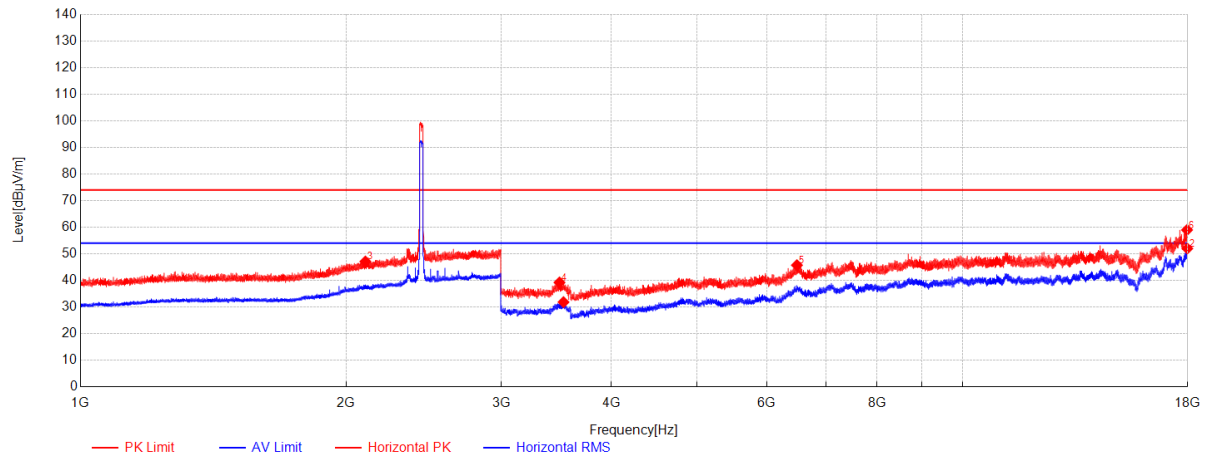
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17990	49.96	43.20	-41.33	51.83	54.00	2.17	Horizontal
2	2006.1667	48.65	25.20	-27.08	46.77	74.00	27.23	Horizontal
3	3529	62.41	28.57	-51.43	39.55	74.00	34.45	Horizontal
4	6498	58.04	34.20	-46.20	46.04	74.00	27.96	Horizontal
5	11231	55.08	39.56	-44.26	50.38	74.00	23.62	Horizontal
6	17891.5	59.13	42.72	-42.94	58.91	74.00	15.09	Horizontal

11n(HT20)_TX_CH_01_Vertical



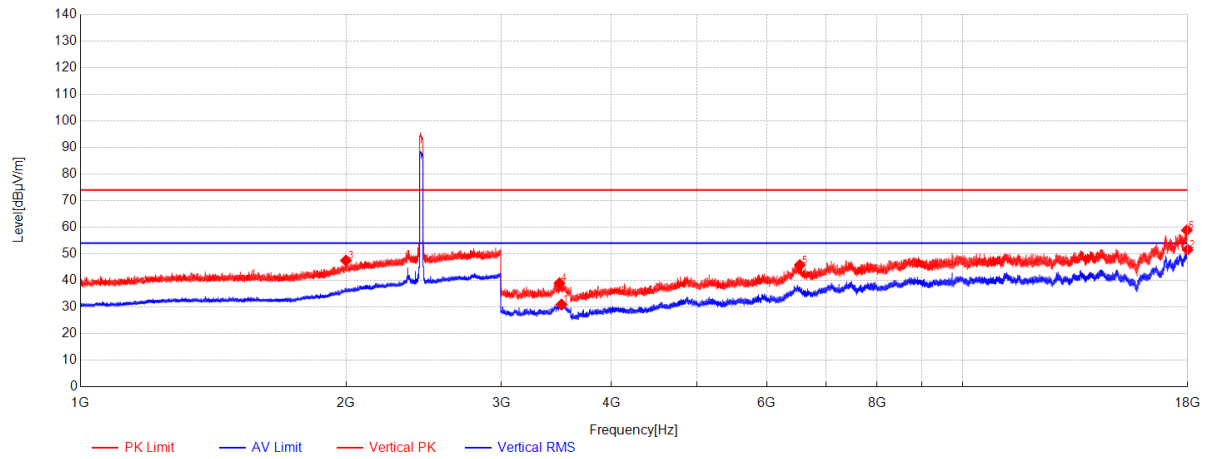
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	3504.5	54.48	28.43	-50.88	32.03	54.00	21.97	Vertical
2	17991	50.64	43.20	-41.31	52.53	54.00	1.47	Vertical
3	2119.1667	49.18	25.89	-26.79	48.28	74.00	25.72	Vertical
4	3514.5	62.17	28.49	-51.10	39.56	74.00	34.44	Vertical
5	6508.5	58.31	34.29	-46.39	46.21	74.00	27.79	Vertical
6	17972.5	57.67	43.20	-41.63	59.24	74.00	14.76	Vertical

11n(HT20)_TX_CH_06_Horizontal



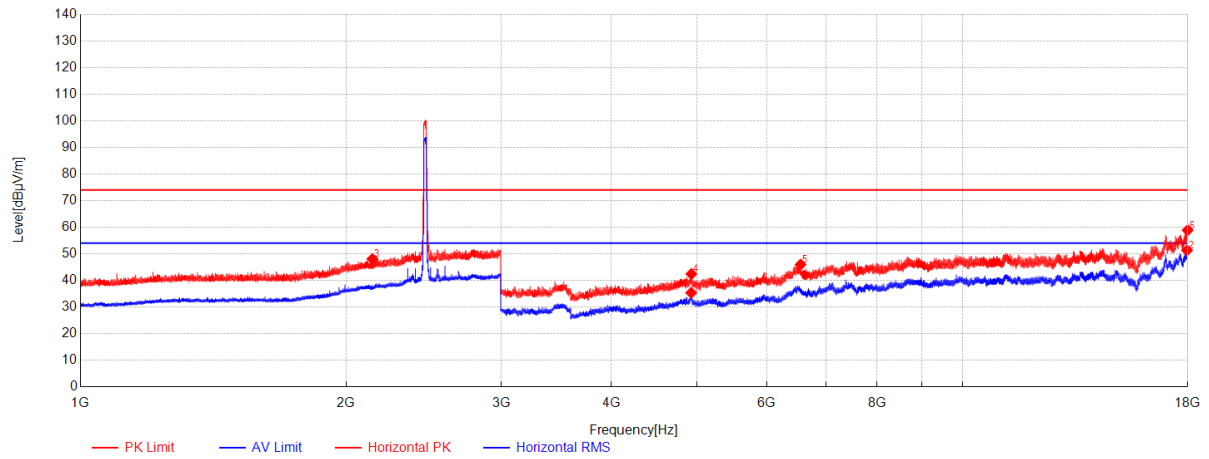
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	3529	54.71	28.57	-51.43	31.85	54.00	22.15	Horizontal
2	17984	50.22	43.20	-41.44	51.98	54.00	2.02	Horizontal
3	2103.8333	48.16	25.80	-26.87	47.09	74.00	26.91	Horizontal
4	3492	61.78	28.40	-50.96	39.22	74.00	34.78	Horizontal
5	6490	57.84	34.20	-46.33	45.71	74.00	28.29	Horizontal
6	17969.5	57.42	43.20	-41.68	58.94	74.00	15.06	Horizontal

11n(HT20)_TX_CH_06_Vertical



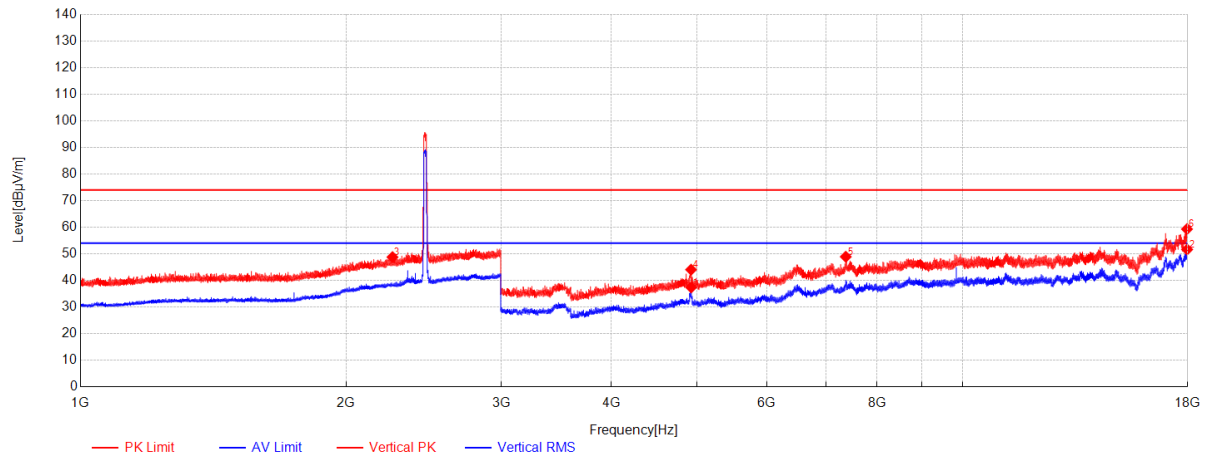
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	3510.5	53.48	28.46	-51.01	30.93	54.00	23.07	Vertical
2	17994.5	49.60	43.20	-41.25	51.55	54.00	2.45	Vertical
3	1999.6667	49.36	25.20	-27.09	47.47	74.00	26.53	Vertical
4	3492	61.54	28.40	-50.96	38.98	74.00	35.02	Vertical
5	6540	58.39	34.60	-47.22	45.77	74.00	28.23	Vertical
6	17963	57.44	43.20	-41.80	58.84	74.00	15.16	Vertical

11n(HT20)_TX_CH_11_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924.5	54.59	31.50	-50.73	35.36	54.00	18.64	Horizontal
2	17971	49.76	43.20	-41.66	51.30	54.00	2.70	Horizontal
3	2142.5	49.10	25.60	-26.66	48.04	74.00	25.96	Horizontal
4	4927.5	61.65	31.50	-50.73	42.42	74.00	31.58	Horizontal
5	6552.5	58.79	34.71	-47.55	45.95	74.00	28.05	Horizontal
6	17997	56.86	43.20	-41.21	58.85	74.00	15.15	Horizontal

11n(HT20)_TX_CH_11_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924.5	56.61	31.50	-50.73	37.38	54.00	16.62	Vertical
2	17975	50.00	43.20	-41.59	51.61	54.00	2.39	Vertical
3	2258.1667	48.71	26.50	-26.47	48.74	74.00	25.26	Vertical
4	4923.5	63.28	31.50	-50.73	44.05	74.00	29.95	Vertical
5	7373	60.63	36.35	-48.09	48.89	74.00	25.11	Vertical
6	17966.5	57.81	43.20	-41.74	59.27	74.00	14.73	Vertical

7.5 Conducted Average Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.247(b)(3)

Test Method: ANSI C63.10 (2020) Section 11.9.2

Limit:

Frequency range(MHz)	Output power of the intentional radiator(watt)
902-928	1 for ≥ 50 hopping channels
	0.25 for $25 \leq$ hopping channels < 50
	1 for digital modulation
2400-2483.5	1 for ≥ 75 non-overlapping hopping channels
	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 25.3 °C

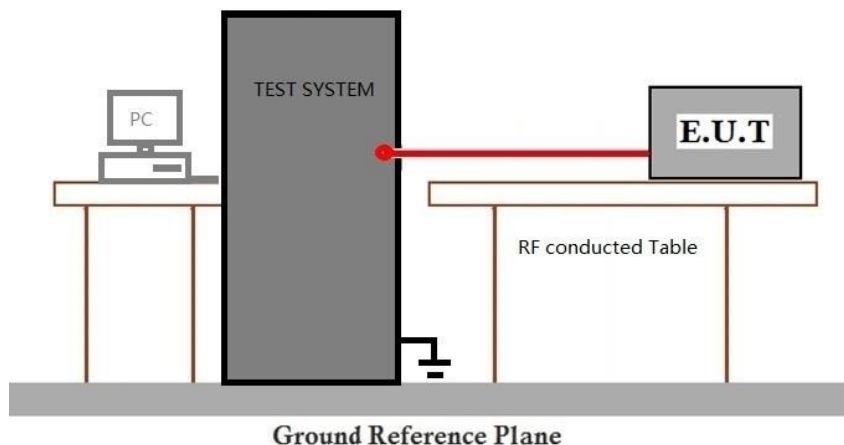
Humidity: 46.2 % RH

Atmospheric Pressure: 1010 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram





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7.5.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

Please Refer to Appendix for Details

7.6 Minimum 6dB Bandwidth

Test Requirement 47 CFR Part 15, Subpart C 15.247a(2)

Test Method: ANSI C63.10 (2020) Section 11.8.1

Limit:

≥500 kHz

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 25.3 °C

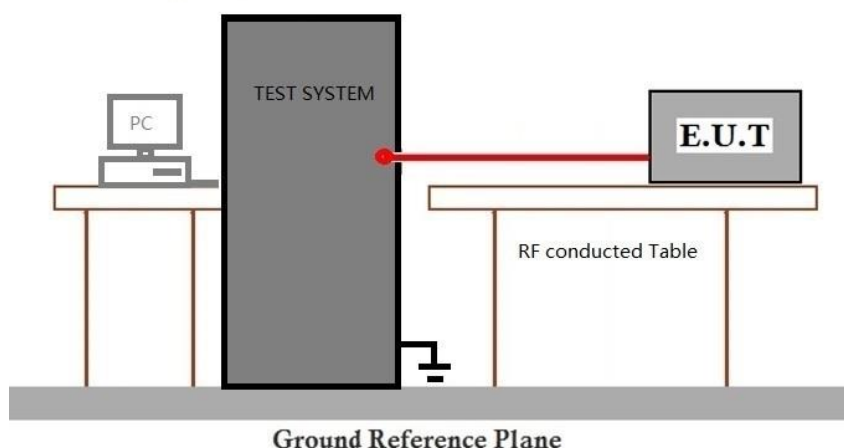
Humidity: 46.2 % RH

Atmospheric Pressure: 1010 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.7 Power Spectrum Density

Test Requirement 47 CFR Part 15, Subpart C 15.247(e)

Test Method: ANSI C63.10 (2020) Section 11.10.3

Limit:

≤8dBm in any 3 kHz band during any time interval of continuous transmission

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 25.3 °C

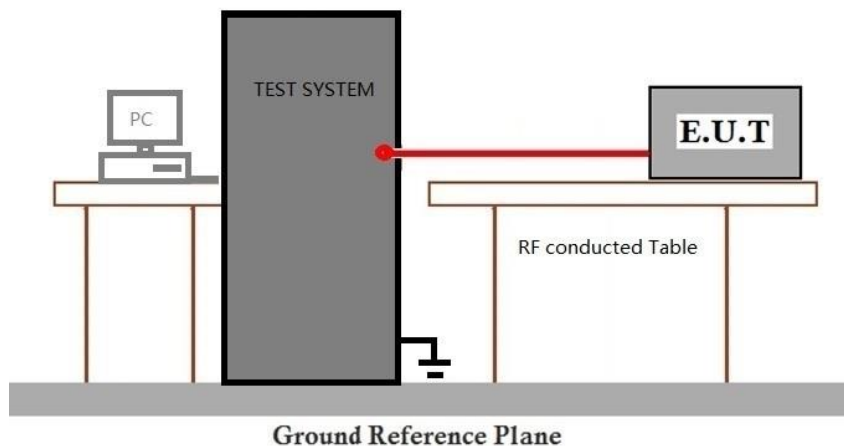
Humidity: 46.2 % RH

Atmospheric Pressure: 1010 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 Conducted Band Edges Measurement

Test Requirement 47 CFR Part 15, Subpart C 15.247(d)

Test Method: ANSI C63.10 (2020) Section 6.10.4

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 25.3 °C

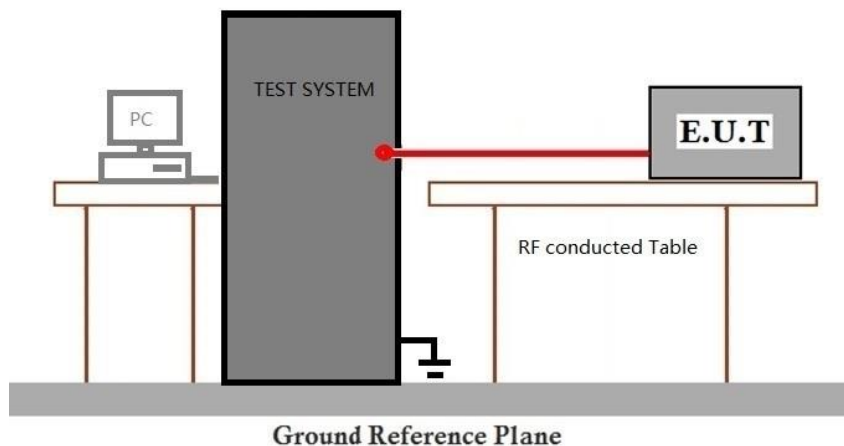
Humidity: 46.2 % RH

Atmospheric Pressure: 1010 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram





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7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.9 Conducted Spurious Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.247(d)

Test Method: ANSI C63.10 (2020) Section 11.11

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 25.3 °C

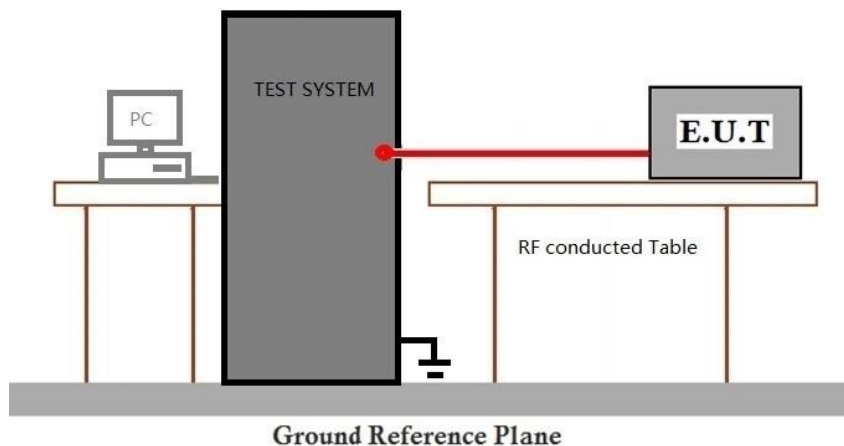
Humidity: 46.2 % RH

Atmospheric Pressure: 1010 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram





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7.9.4 Measurement Procedure and Data

Please Refer to Appendix for Details

8 Test Setup Photo

Refer to Appendix - Test Setup Photo for KSCR2512002784AT

9 EUT Constructional Details (EUT Photos)

Refer to Appendix_Photographs of EUT Constructional Details for KSCR2512002784AT

10 Appendix

1. Duty Cycle

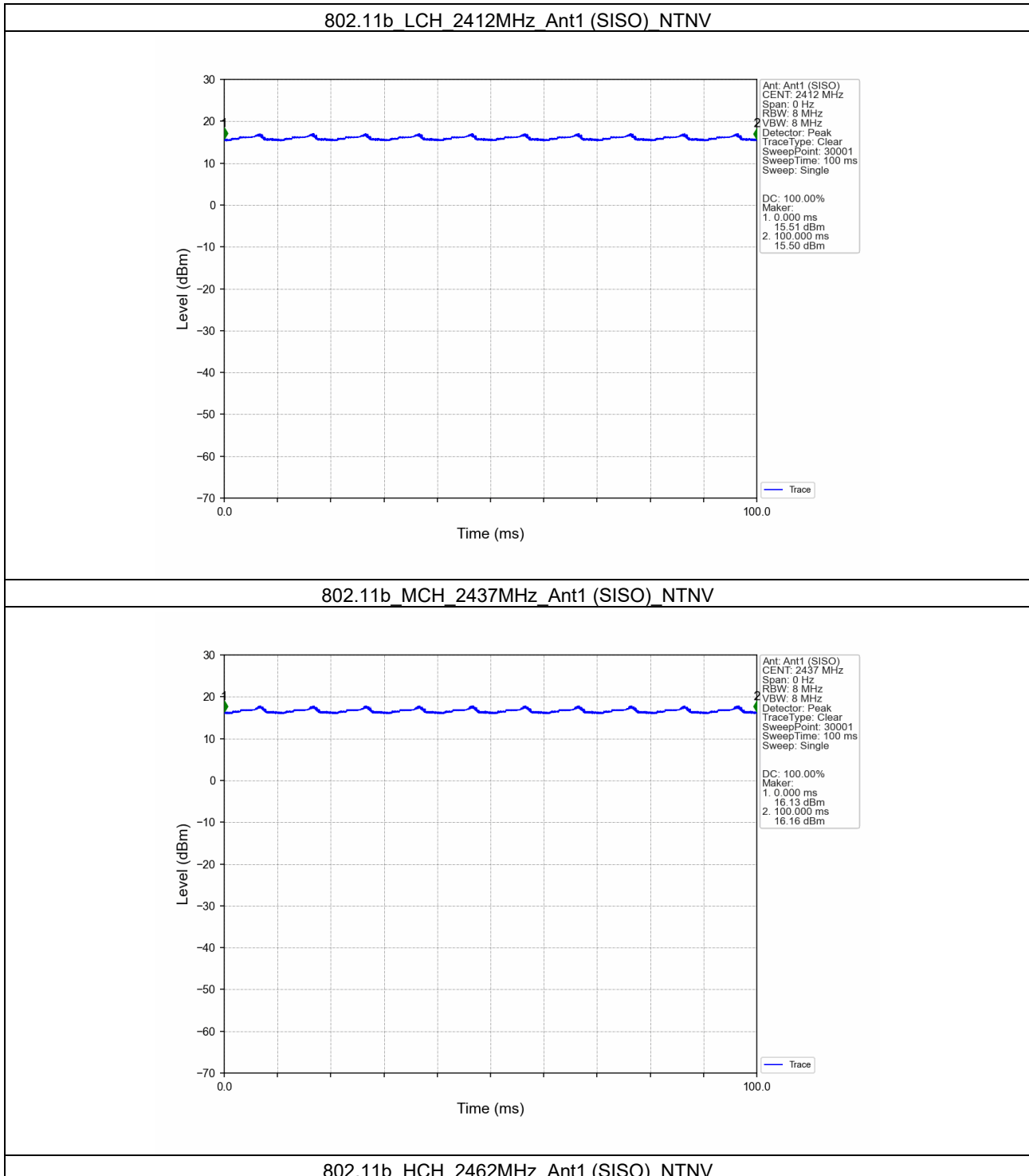
1.1 Test Result

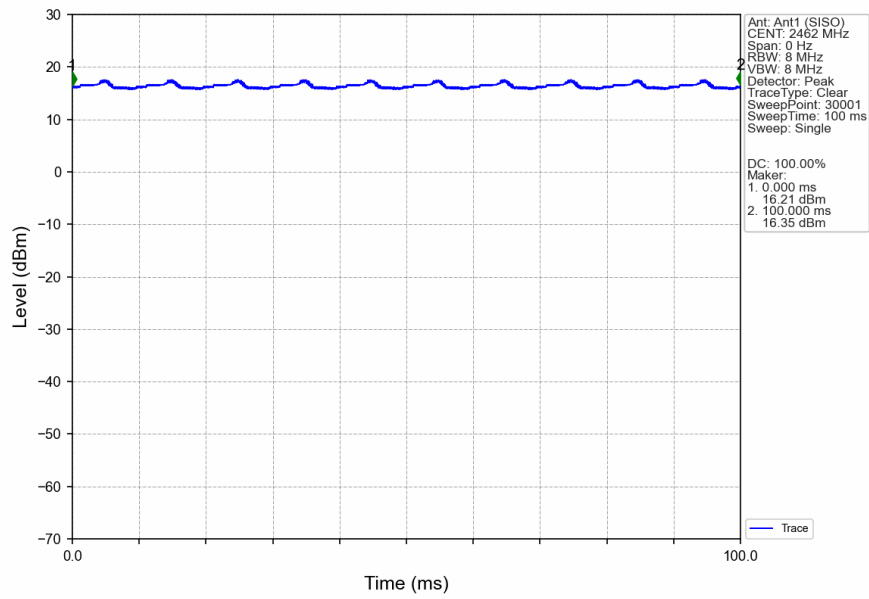
1.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	100.000	100.000	100.00	0.00	0.00
		2437	100.000	100.000	100.00	0.00	0.00
		2462	100.000	100.000	100.00	0.00	0.00
802.11g	SISO	2412	100.000	100.000	100.00	0.00	0.00
		2437	100.000	100.000	100.00	0.00	0.00
		2462	100.000	100.000	100.00	0.00	0.00
802.11n (HT20)	SISO	2412	100.000	100.000	100.00	0.00	0.00
		2437	100.000	100.000	100.00	0.00	0.00
		2462	100.000	100.000	100.00	0.00	0.00

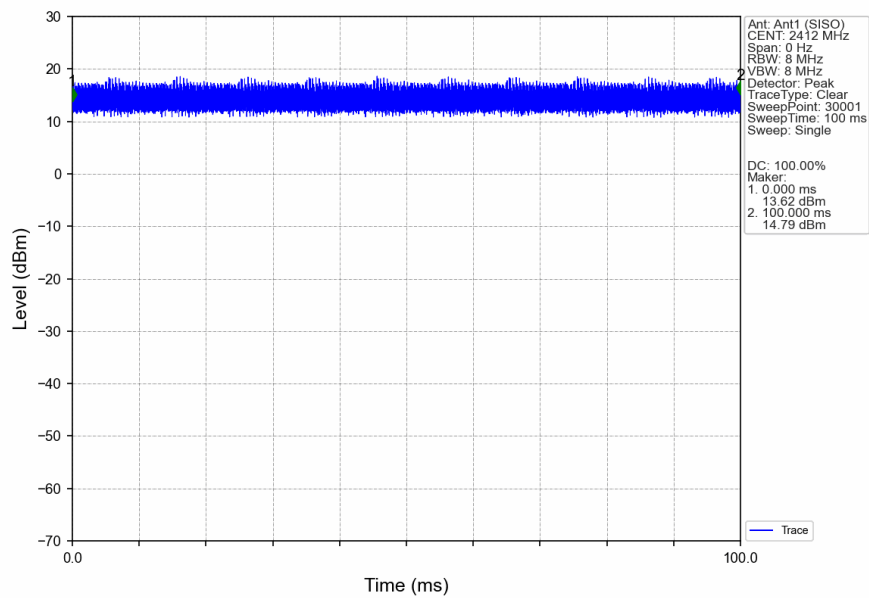
1.2 Test Graph

1.2.1 Ant1

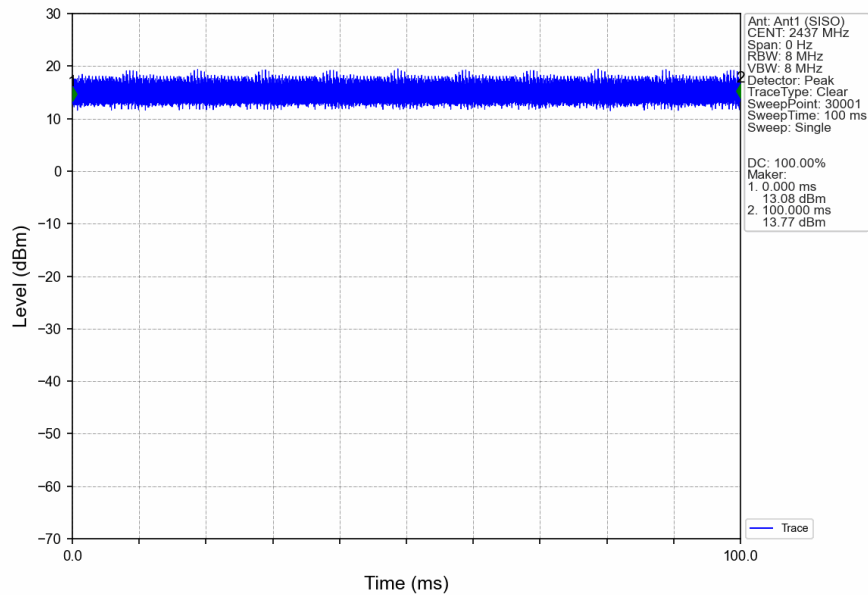




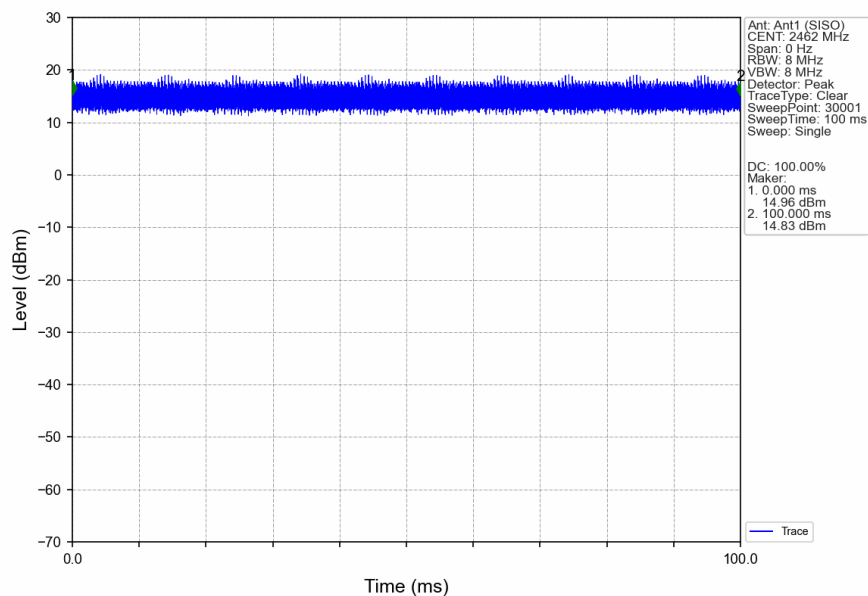
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV