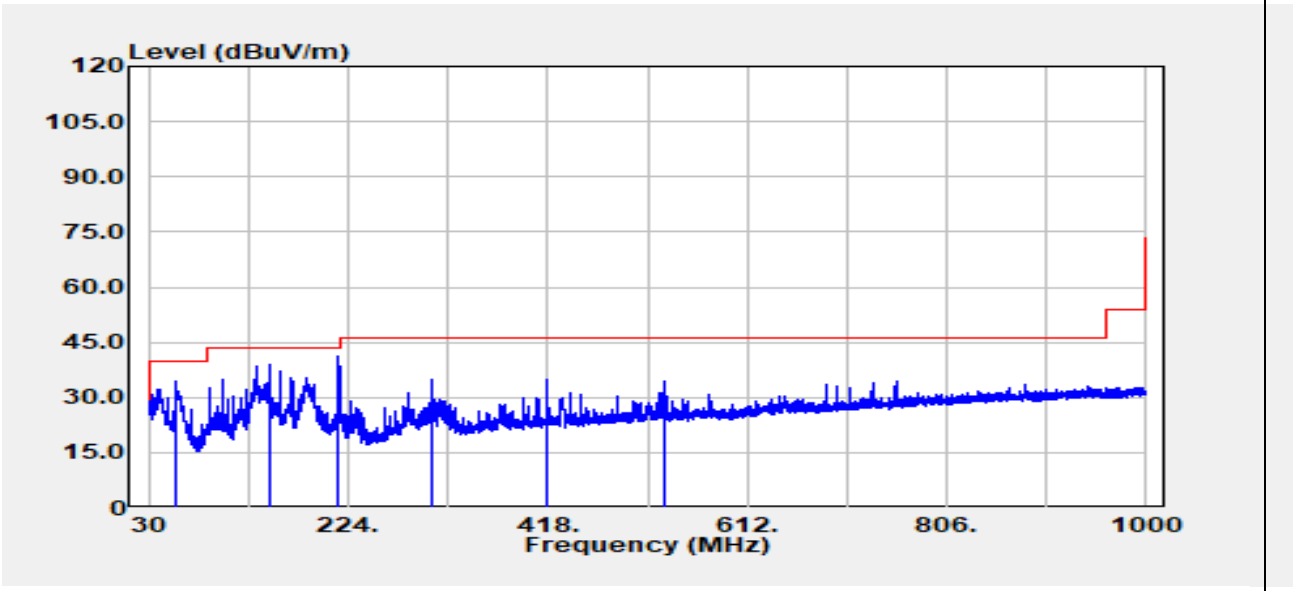
Test Mode	Mode 2 IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.4(℃)/ 57%RH
Test Item	30MHz-1GHz	Test Date	June 30, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
56.43	Peak	50.67	-16.19	34.48	40.00	-5.52
146.76	Peak	49.21	-10.22	38.99	43.50	-4.51
214.54	Peak	53.14	-11.88	41.26	43.50	-2.24
304.87	Peak	43.31	-8.43	34.87	46.00	-11.13
417.76	Peak	40.20	-5.19	35.00	46.00	-11.00
531.01	Peak	37.41	-3.04	34.37	46.00	-11.63

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

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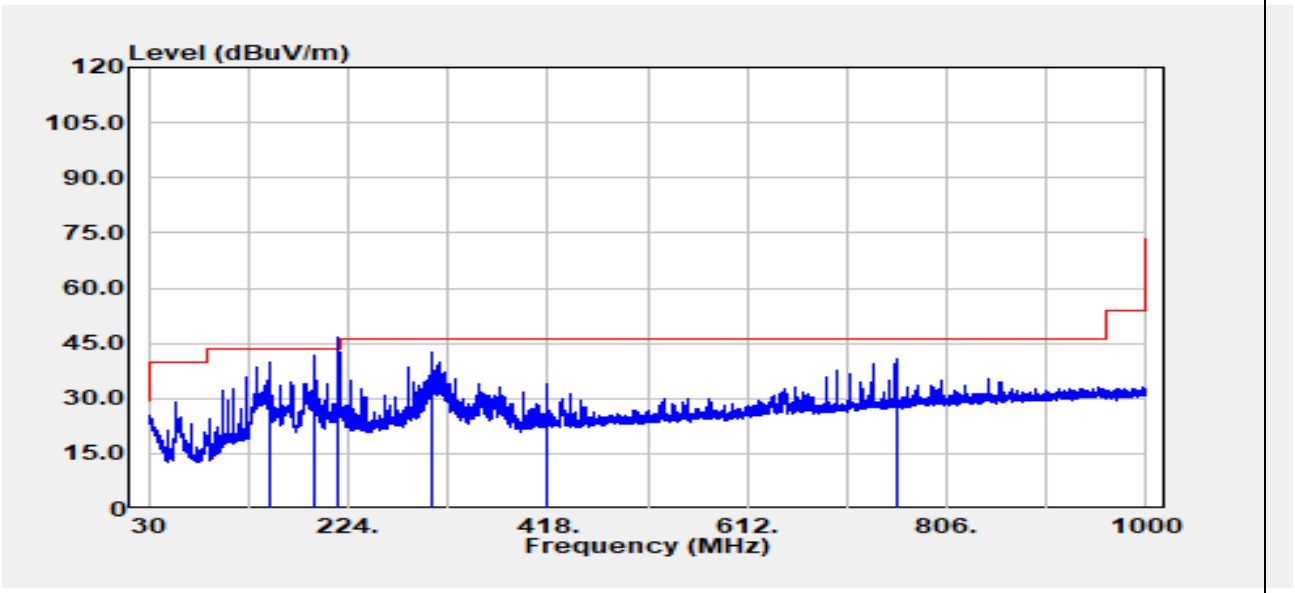
Test Mode	Mode 2 IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.4(℃)/ 57%RH
Test Item	30MHz-1GHz	Test Date	June 30, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
146.76	Peak	49.94	-10.22	39.72	43.50	-3.78
191.87	Peak	52.90	-11.10	41.80	43.50	-1.70
214.54	QP	54.36	-11.88	42.48	43.50	-1.02
304.87	Peak	50.98	-8.43	42.55	46.00	-3.45
417.76	Peak	38.96	-5.19	33.77	46.00	-12.23
756.41	Peak	39.84	0.76	40.61	46.00	-5.39

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

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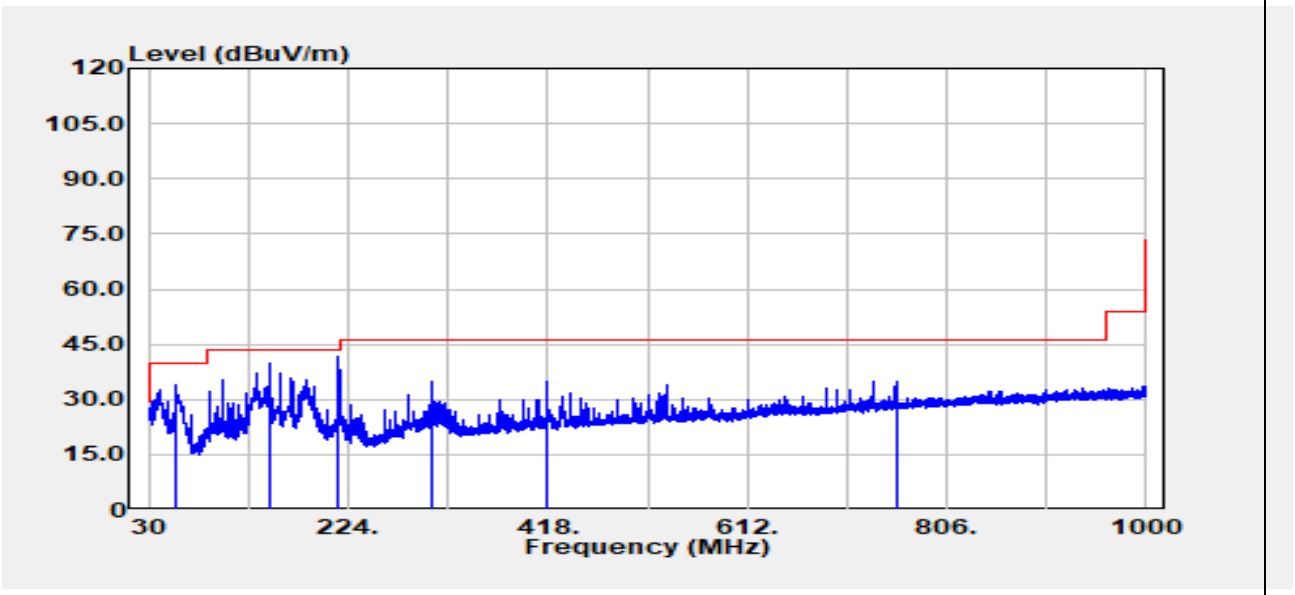
Test Mode	Mode 2 IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	24.4(℃)/ 57%RH
Test Item	30MHz-1GHz	Test Date	June 30, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
56.43	Peak	49.94	-16.19	33.74	40.00	-6.26
146.76	Peak	50.14	-10.22	39.91	43.50	-3.59
214.54	Peak	53.51	-11.88	41.62	43.50	-1.88
304.87	Peak	43.20	-8.43	34.77	46.00	-11.23
417.76	Peak	40.03	-5.19	34.84	46.00	-11.16
756.41	Peak	34.04	0.76	34.80	46.00	-11.20

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

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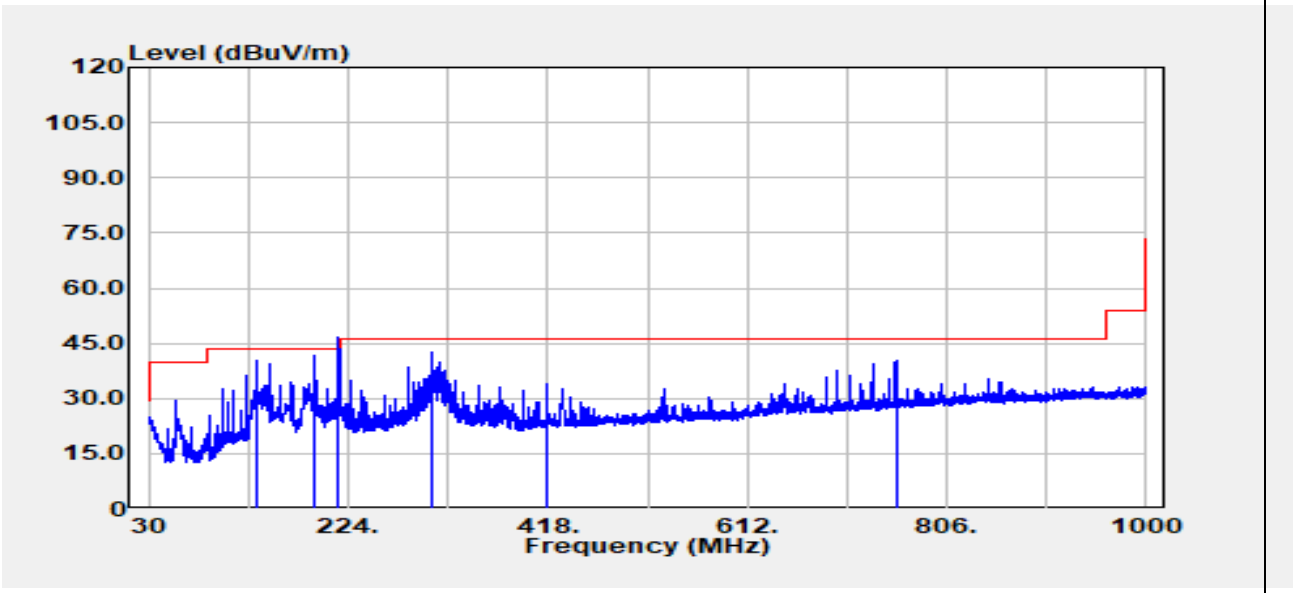
Test Mode	Mode 2 IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	24.4(℃)/ 57%RH
Test Item	30MHz-1GHz	Test Date	June 30, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
135.49	Peak	50.03	-9.74	40.29	43.50	-3.21
191.99	Peak	52.87	-11.08	41.79	43.50	-1.71
214.54	QP	54.43	-11.88	42.55	43.50	-0.95
304.87	Peak	51.12	-8.43	42.68	46.00	-3.32
417.76	Peak	38.93	-5.19	33.74	46.00	-12.26
756.53	Peak	39.52	0.77	40.29	46.00	-5.71

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

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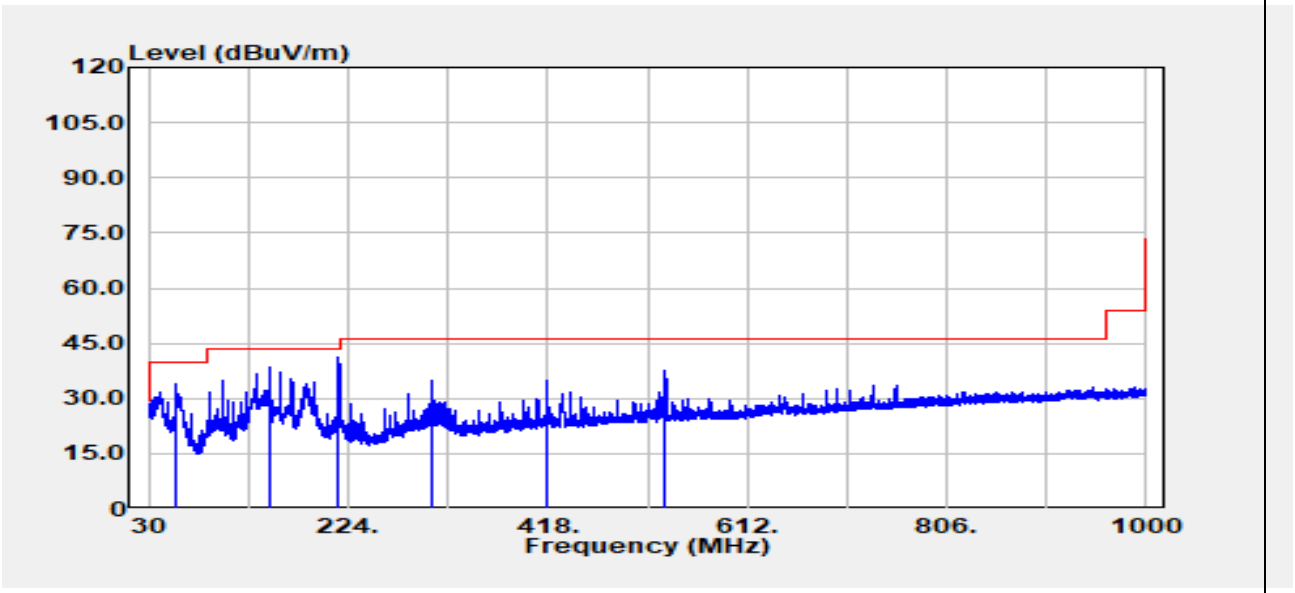
Test Mode	Mode 2 IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	24.4(℃)/ 57%RH
Test Item	30MHz-1GHz	Test Date	June 30, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
56.43	Peak	50.04	-16.19	33.85	40.00	-6.15
146.76	Peak	48.93	-10.22	38.70	43.50	-4.80
214.54	Peak	53.12	-11.88	41.24	43.50	-2.26
304.87	Peak	43.10	-8.43	34.67	46.00	-11.33
417.76	Peak	40.07	-5.19	34.88	46.00	-11.12
531.01	Peak	40.85	-3.04	37.81	46.00	-8.19

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

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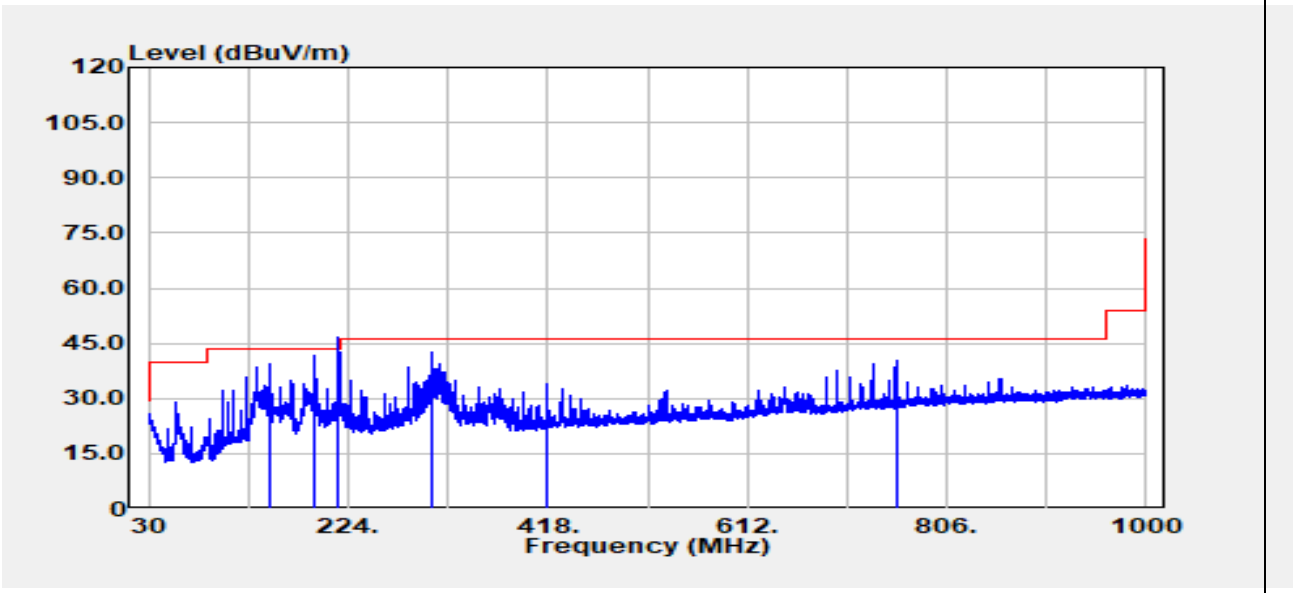
Test Mode	Mode 2 IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	24.4(℃)/ 57%RH
Test Item	30MHz-1GHz	Test Date	June 30, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
146.76	Peak	49.54	-10.22	39.32	43.50	-4.18
191.87	Peak	52.94	-11.10	41.84	43.50	-1.66
214.54	QP	54.36	-11.88	42.47	43.50	-1.03
304.75	Peak	50.91	-8.44	42.47	46.00	-3.53
417.76	Peak	38.98	-5.19	33.78	46.00	-12.22
756.41	Peak	39.65	0.76	40.42	46.00	-5.58

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

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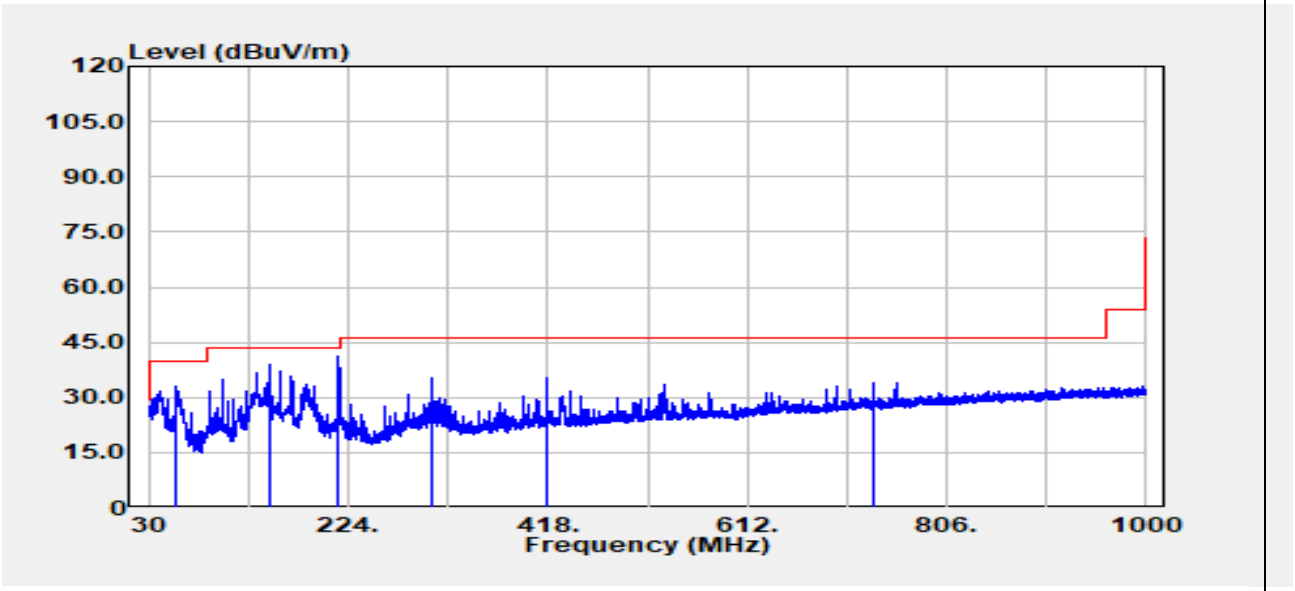
Test Mode	Mode 2 IEEE 802.11ac VHT80 / 5745 MHz	Temp/Hum	24.4(℃)/ 57%RH
Test Item	30MHz-1GHz	Test Date	June 30, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
56.43	Peak	49.33	-16.19	33.14	40.00	-6.86
146.76	Peak	48.99	-10.22	38.77	43.50	-4.73
214.54	Peak	52.98	-11.88	41.10	43.50	-2.40
304.87	Peak	43.62	-8.43	35.18	46.00	-10.82
417.76	Peak	40.34	-5.19	35.15	46.00	-10.85
733.86	Peak	33.49	0.60	34.09	46.00	-11.91

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

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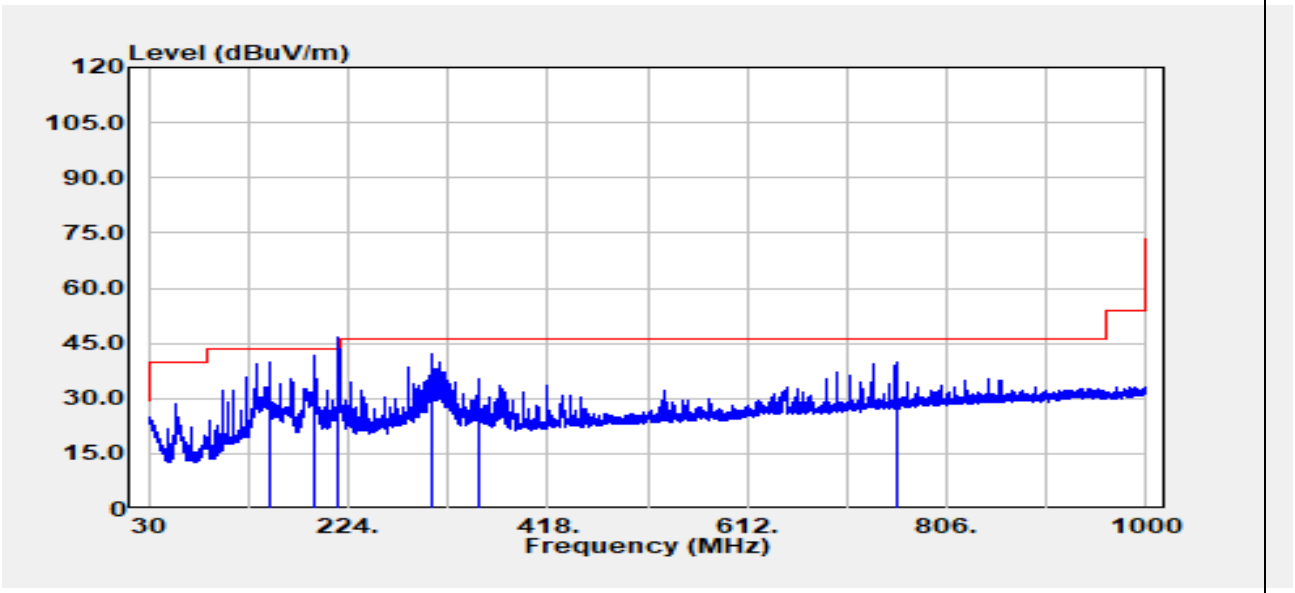
Test Mode	Mode 2 IEEE 802.11ac VHT80 / 5745 MHz	Temp/Hum	24.4(℃)/ 57%RH
Test Item	30MHz-1GHz	Test Date	June 30, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
146.76	Peak	49.94	-10.22	39.72	43.50	-3.78
191.87	Peak	52.59	-11.10	41.49	43.50	-2.01
214.54	QP	54.47	-11.88	42.58	43.50	-0.92
304.87	Peak	50.67	-8.43	42.24	46.00	-3.76
349.98	Peak	42.81	-7.46	35.34	46.00	-10.66
756.41	Peak	39.27	0.76	40.04	46.00	-5.96

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

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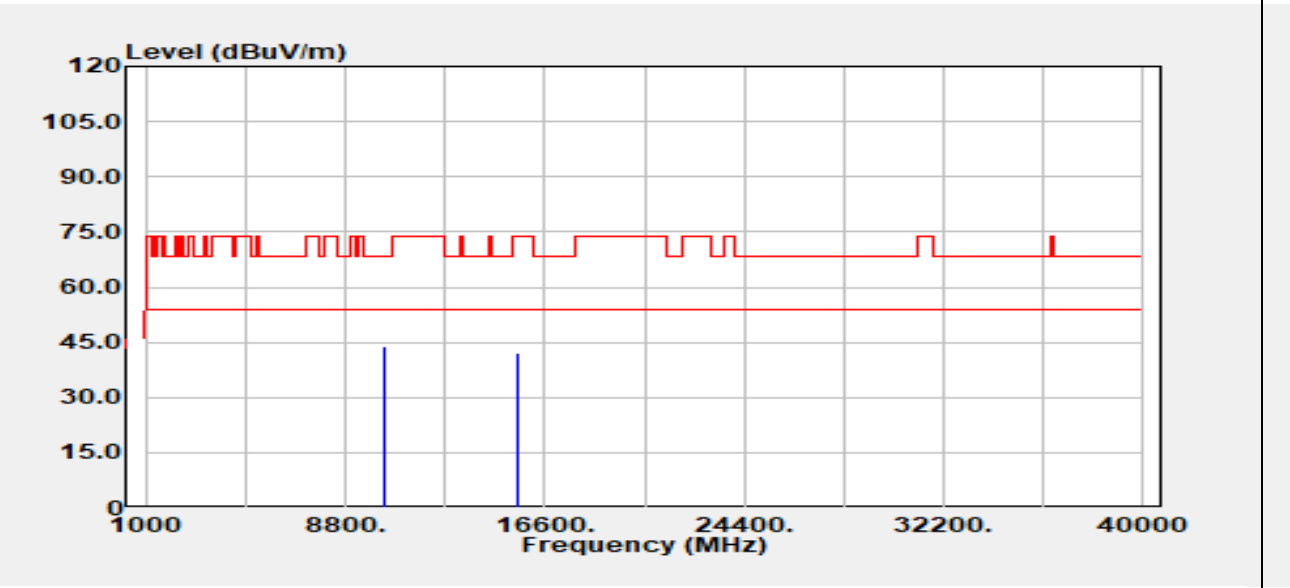
Above 1G Test Data:

Test Data for UNII-1

Test Mode	Mode 1 IEEE 802.11a / 5180 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10360.000	Peak	32.44	11.26	43.70	68.20	-24.50
15540.000	Peak	29.80	12.38	42.18	74.00	-31.82
15540.000	Average	21.14	12.38	33.52	54.00	-20.48
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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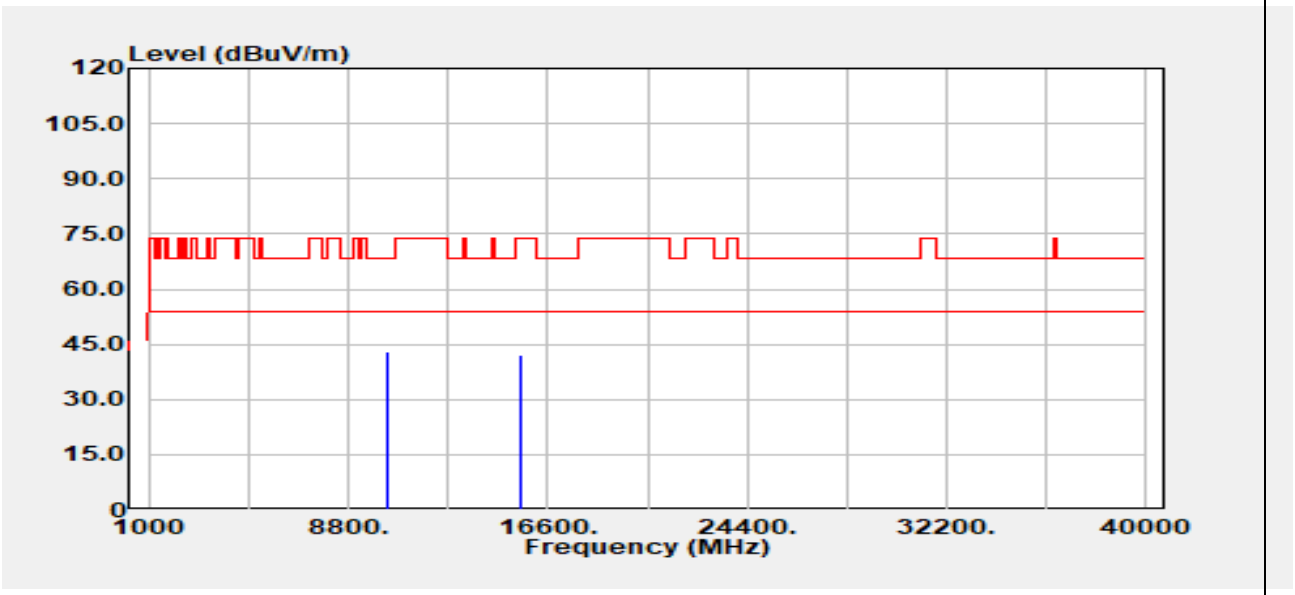
Test Mode	Mode 1 IEEE 802.11a / 5180 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10360.000	Peak	31.56	11.26	42.83	68.20	-25.37
15540.000	Peak	29.80	12.38	42.18	74.00	-31.82
15540.000	Average	21.94	12.38	34.32	54.00	-19.68
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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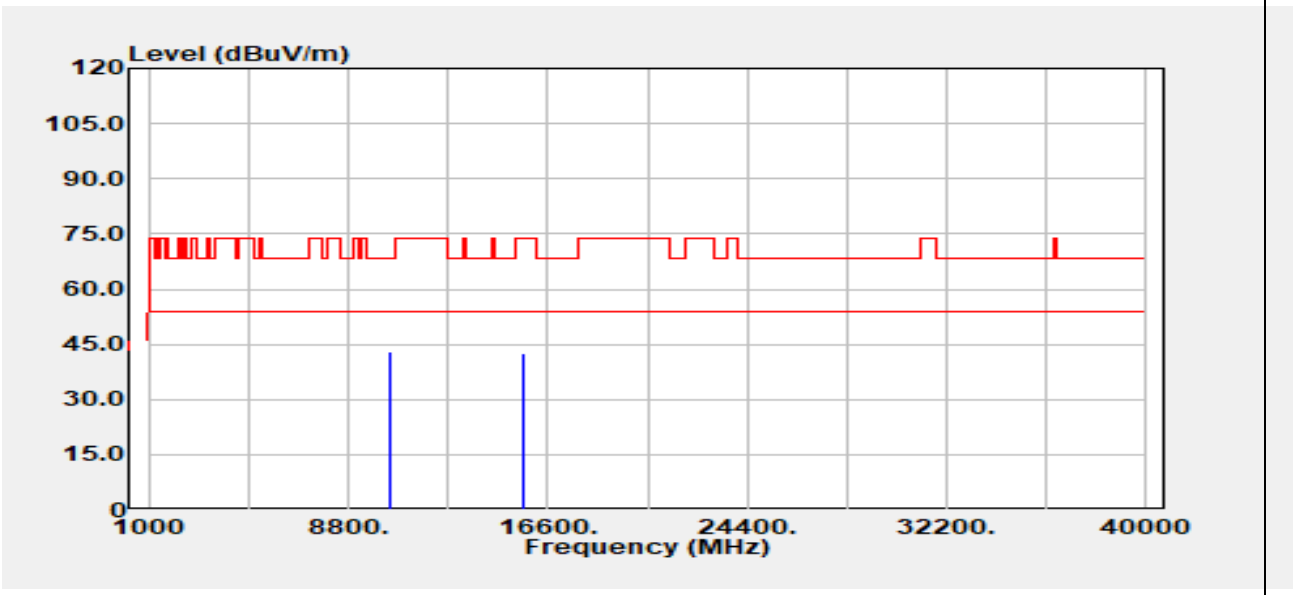
Test Mode	Mode 1 IEEE 802.11a / 5220 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonics	Test Date	June 20, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10440.000	Peak	31.94	11.25	43.19	68.20	-25.01
15660.000	Peak	29.06	13.53	42.59	74.00	-31.41
15660.000	Average	20.83	13.53	34.36	54.00	-19.64
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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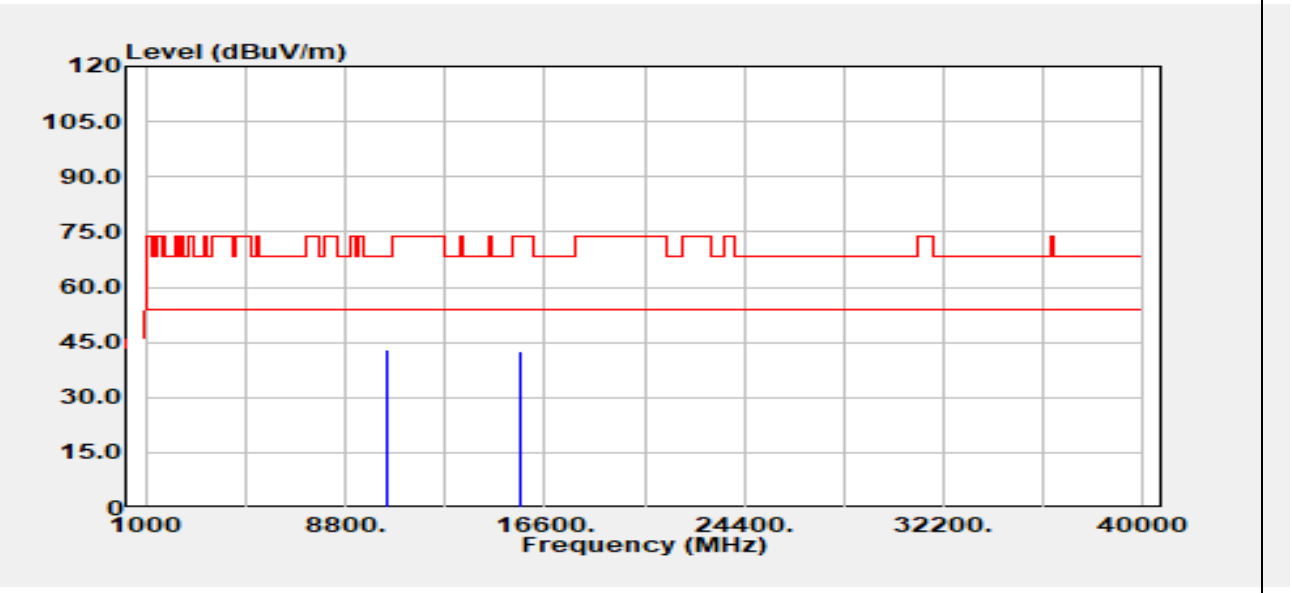
Test Mode	Mode 1 IEEE 802.11a / 5220 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10440.000	Peak	31.91	11.25	43.16	68.20	-25.04
15660.000	Peak	28.87	13.53	42.40	74.00	-31.60
15660.000	Average	21.58	13.53	35.11	54.00	-18.89
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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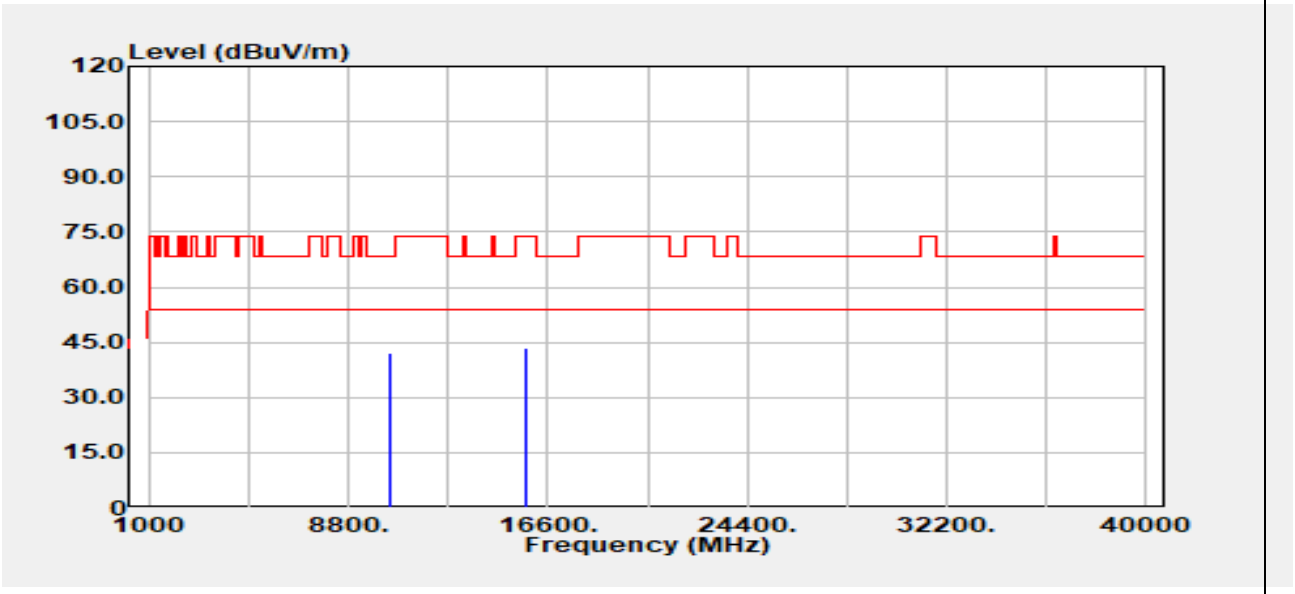
Test Mode	Mode 1 IEEE 802.11a / 5240 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10480.000	Peak	30.95	11.35	42.30	68.20	-25.90
15720.000	Peak	29.53	14.11	43.64	74.00	-30.36
15720.000	Average	21.08	14.11	35.19	54.00	-18.81
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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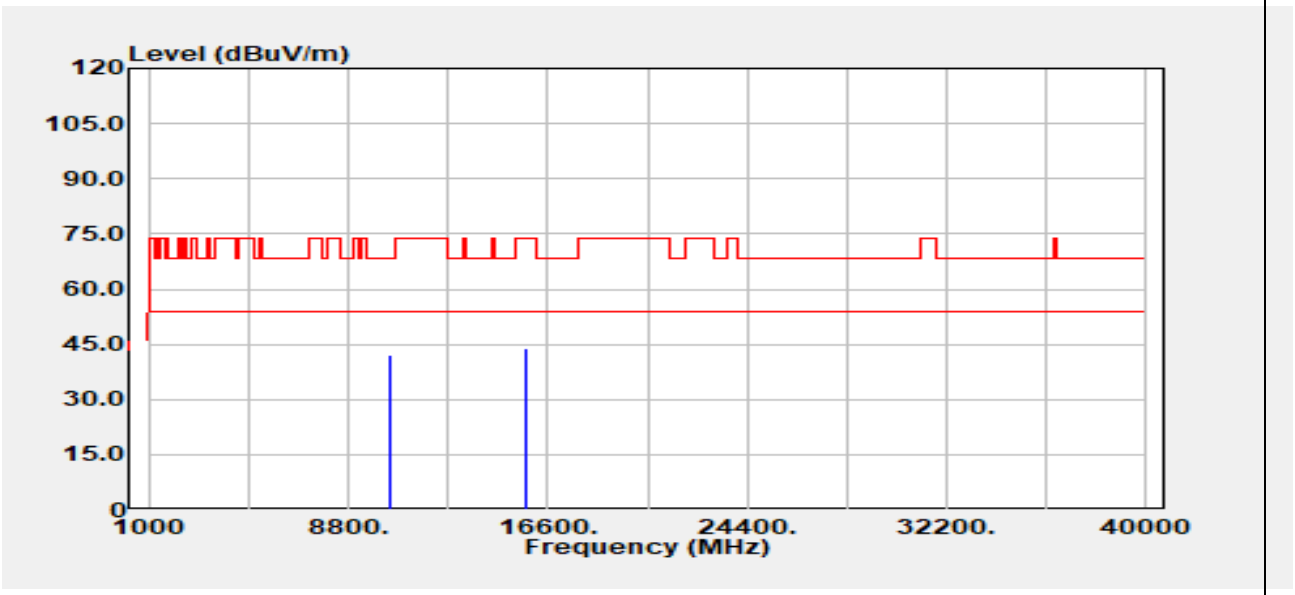
Test Mode	Mode 1 IEEE 802.11a / 5240 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10480.000	Peak	30.84	11.35	42.20	68.20	-26.00
15720.000	Peak	29.61	14.11	43.71	74.00	-30.29
15720.000	Average	20.71	14.11	34.82	54.00	-19.18
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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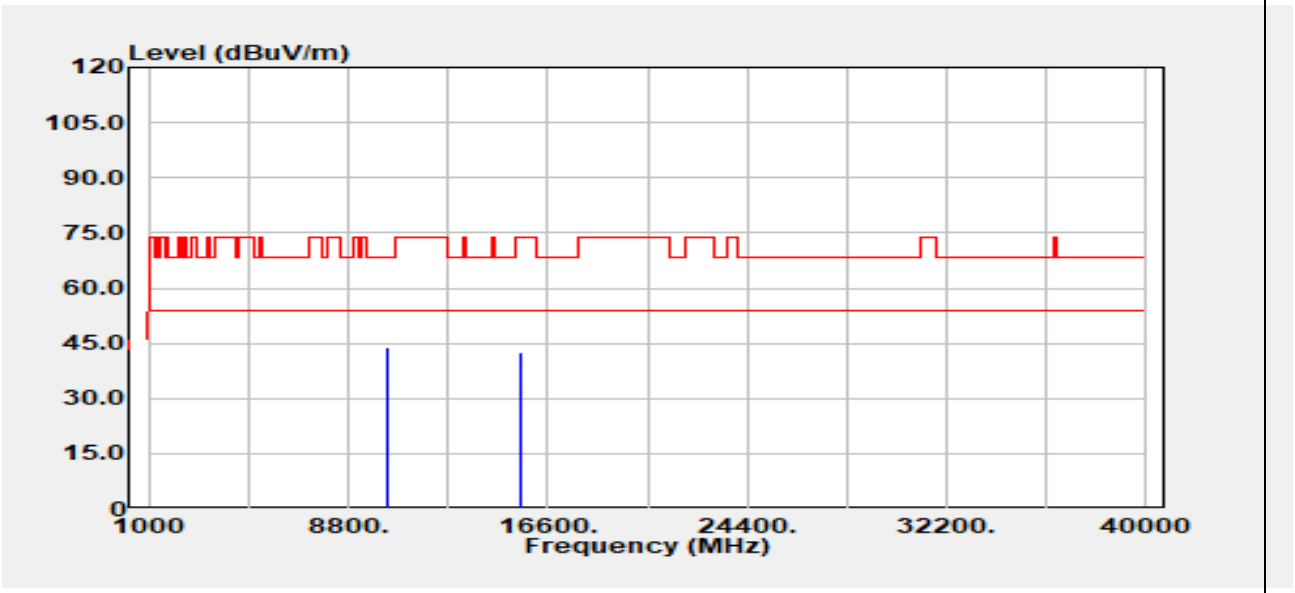
Test Mode	Mode 1 IEEE 802.11n HT20 / 5180 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10360.000	Peak	32.81	11.26	44.07	68.20	-24.13
15540.000	Peak	30.08	12.38	42.46	74.00	-31.54
15540.000	Average	21.04	12.38	33.42	54.00	-20.58
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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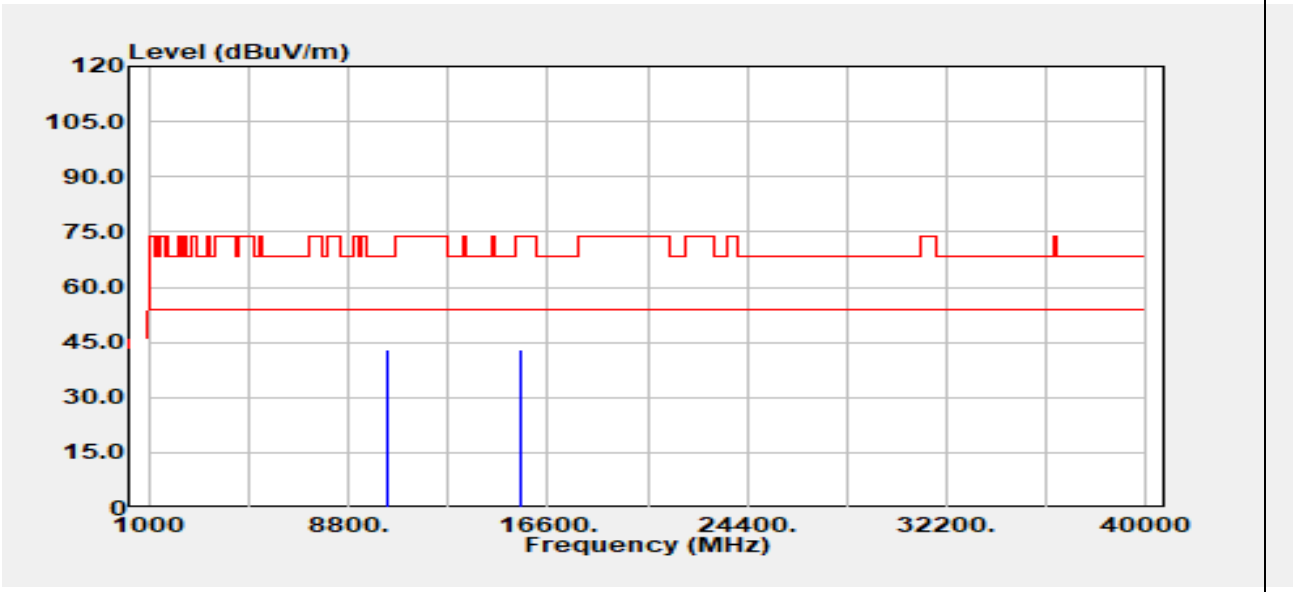
Test Mode	Mode 1 IEEE 802.11n HT20 / 5180 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10360.000	Peak	31.70	11.26	42.96	68.20	-25.24
15540.000	Peak	30.86	12.38	43.24	74.00	-30.76
15540.000	Average	20.92	12.38	33.30	54.00	-20.70
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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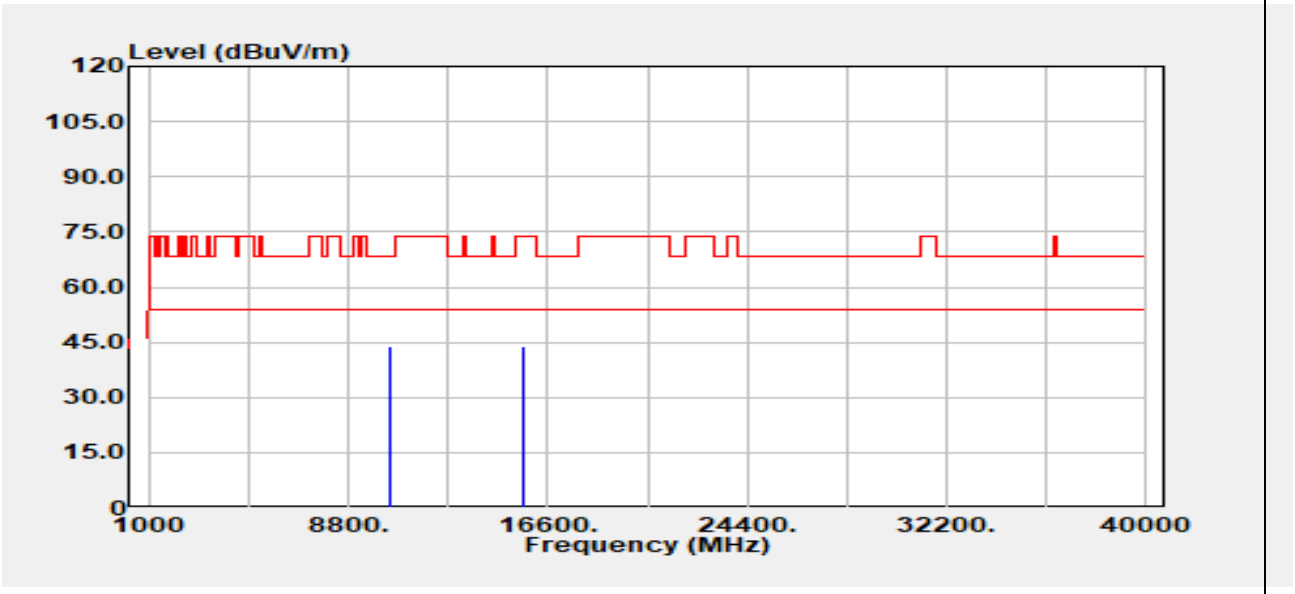
Test Mode	Mode 1 IEEE 802.11n HT20 / 5220 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10440.000	Peak	32.46	11.25	43.71	68.20	-24.49
15660.000	Peak	30.51	13.53	44.03	74.00	-29.97
15660.000	Average	20.42	13.53	33.95	54.00	-20.05
N/A						

Remark:

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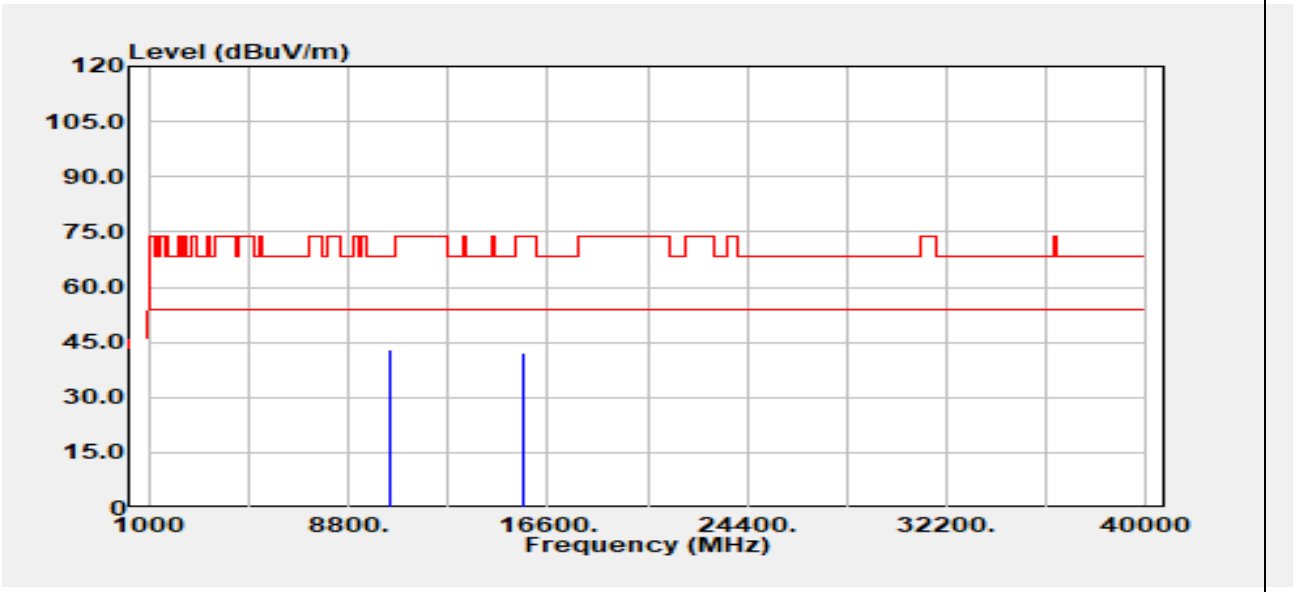
Test Mode	Mode 1 IEEE 802.11n HT20 / 5220 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10440.000	Peak	31.80	11.25	43.05	68.20	-25.15
15660.000	Peak	28.52	13.53	42.05	74.00	-31.95
15660.000	Average	21.01	13.53	34.54	54.00	-19.46
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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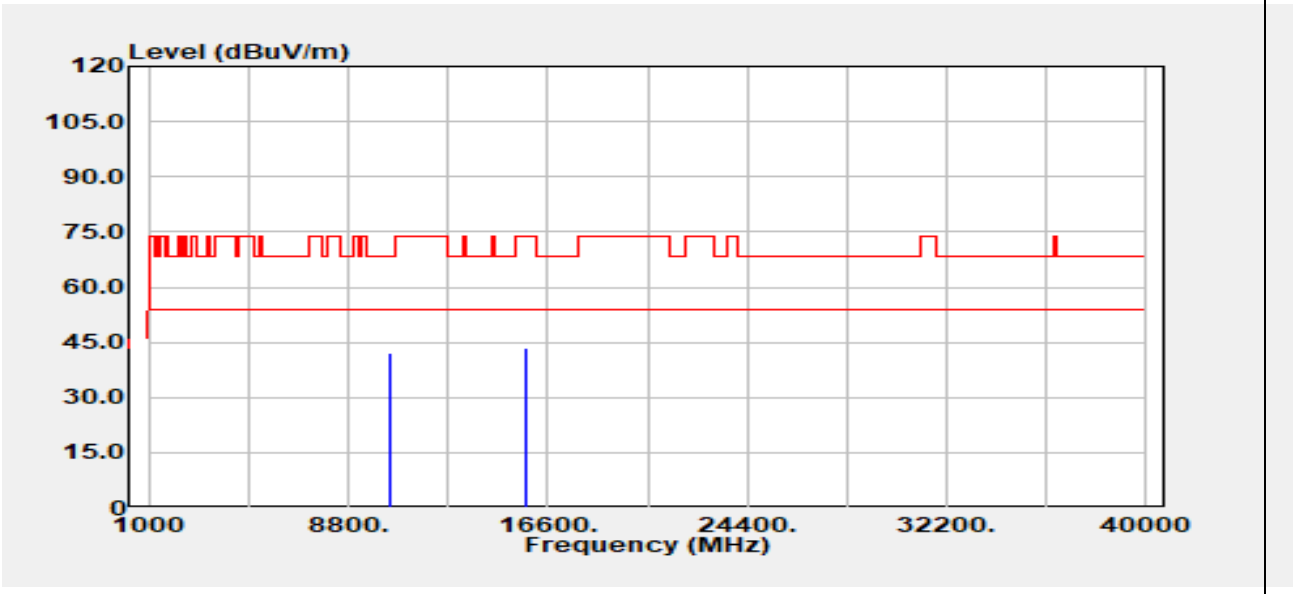
Test Mode	Mode 1 IEEE 802.11n HT20 / 5240 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10480.000	Peak	30.74	11.35	42.10	68.20	-26.10
15720.000	Peak	29.29	14.11	43.40	74.00	-30.60
15720.000	Average	21.06	14.11	35.17	54.00	-18.83
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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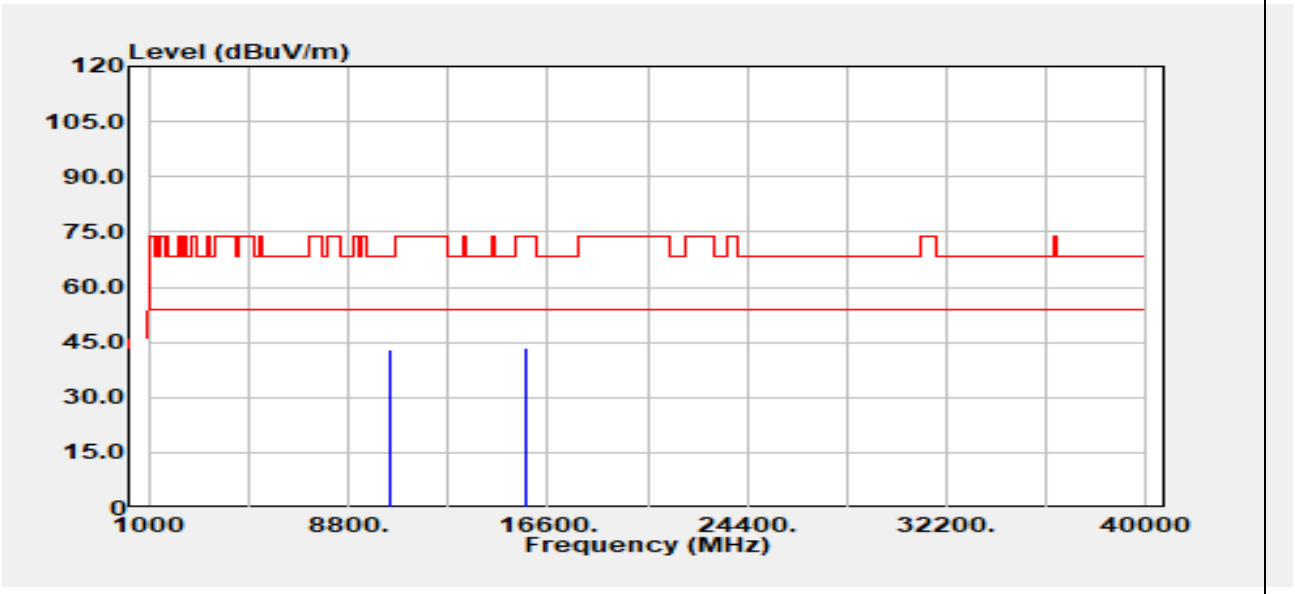
Test Mode	Mode 1 IEEE 802.11n HT20 / 5240 MHz	Temp/Hum	24.6(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 20, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10480.000	Peak	31.75	11.35	43.10	68.20	-25.10
15720.000	Peak	29.23	14.11	43.33	74.00	-30.67
15720.000	Average	20.91	14.11	35.02	54.00	-18.98
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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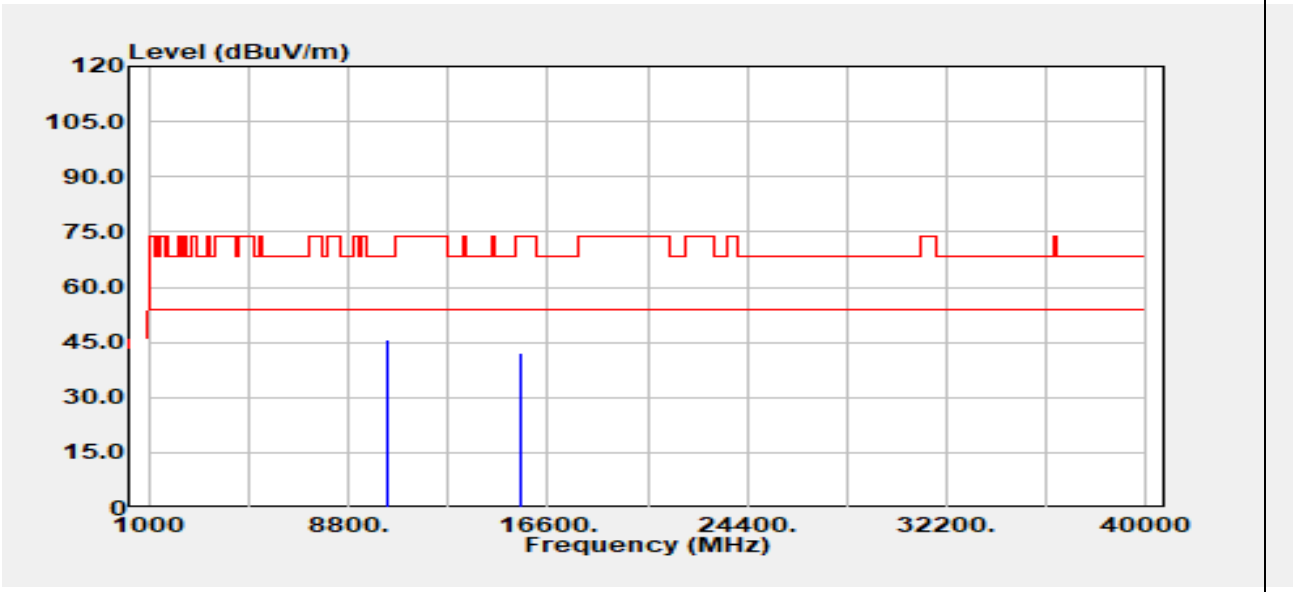
Test Mode	Mode 1 IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10380.00	Peak	34.40	11.22	45.61	68.20	-22.59
15570.00	Peak	29.57	12.41	41.99	74.00	-32.01
15570.00	Average	22.96	12.41	35.38	54.00	-18.62
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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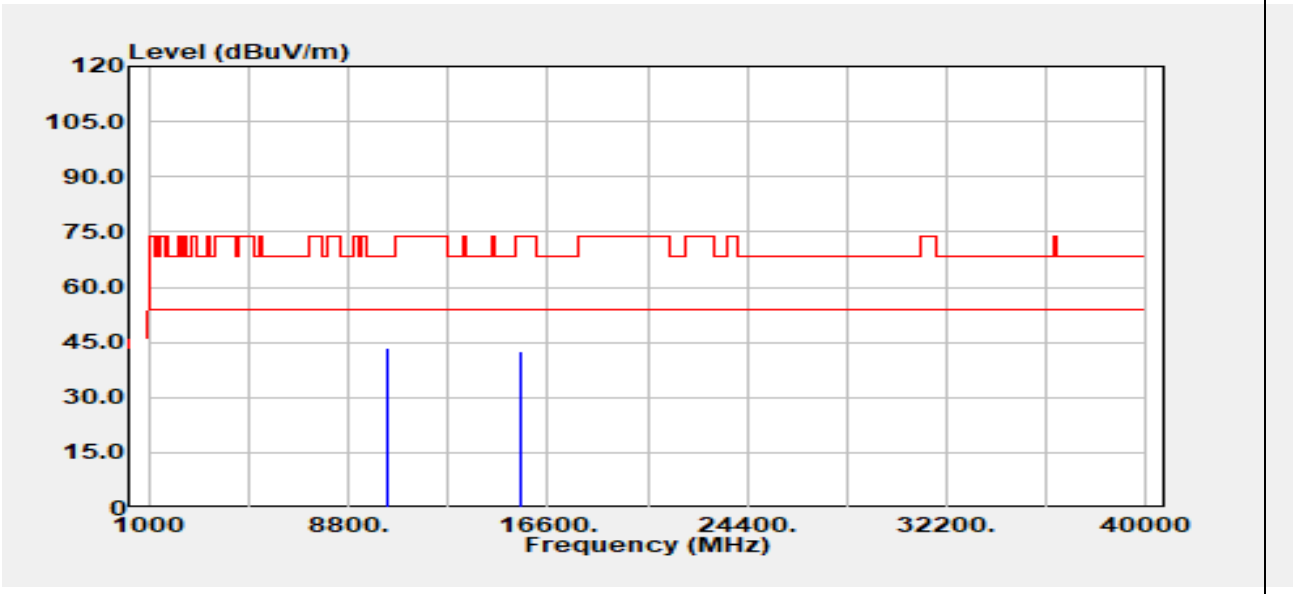
Test Mode	Mode 1 IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10380.00	Peak	32.35	11.22	43.56	68.20	-24.64
15570.00	Peak	29.98	12.41	42.39	74.00	-31.61
15570.00	Average	23.02	12.41	35.43	54.00	-18.57
N/A						

Remark:

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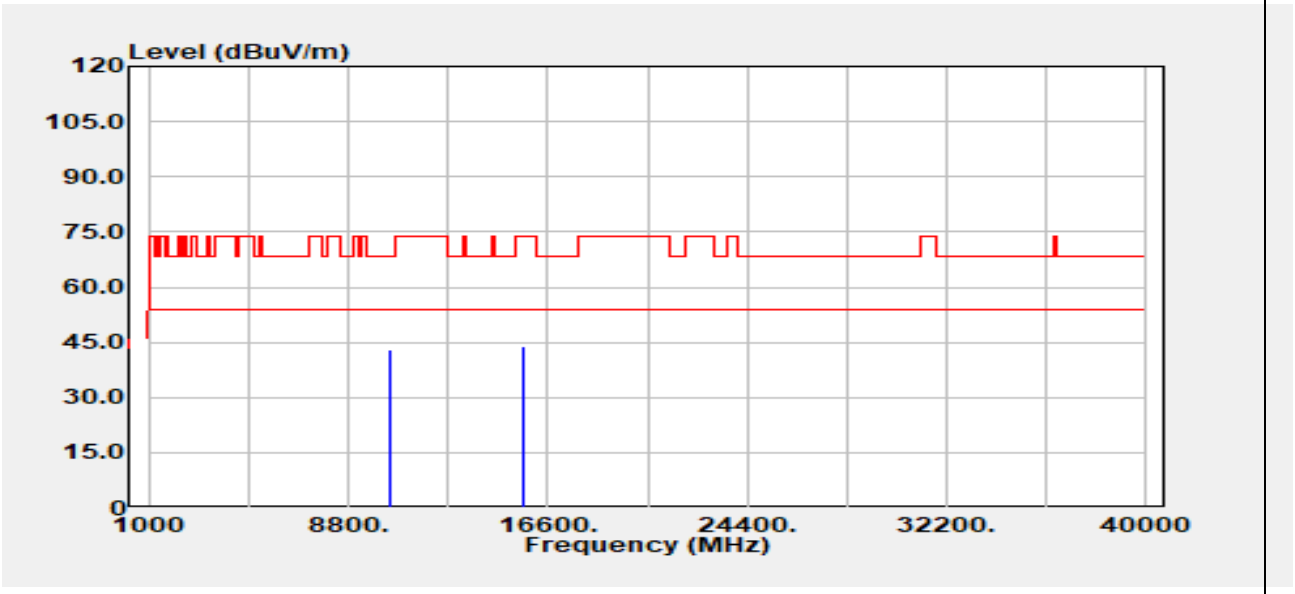
Test Mode	Mode 1 IEEE 802.11n HT40 / 5230 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10460.00	Peak	31.60	11.30	42.90	68.20	-25.30
15690.00	Peak	30.08	13.90	43.98	74.00	-30.02
15690.00	Average	22.93	13.90	36.84	54.00	-17.16
N/A						

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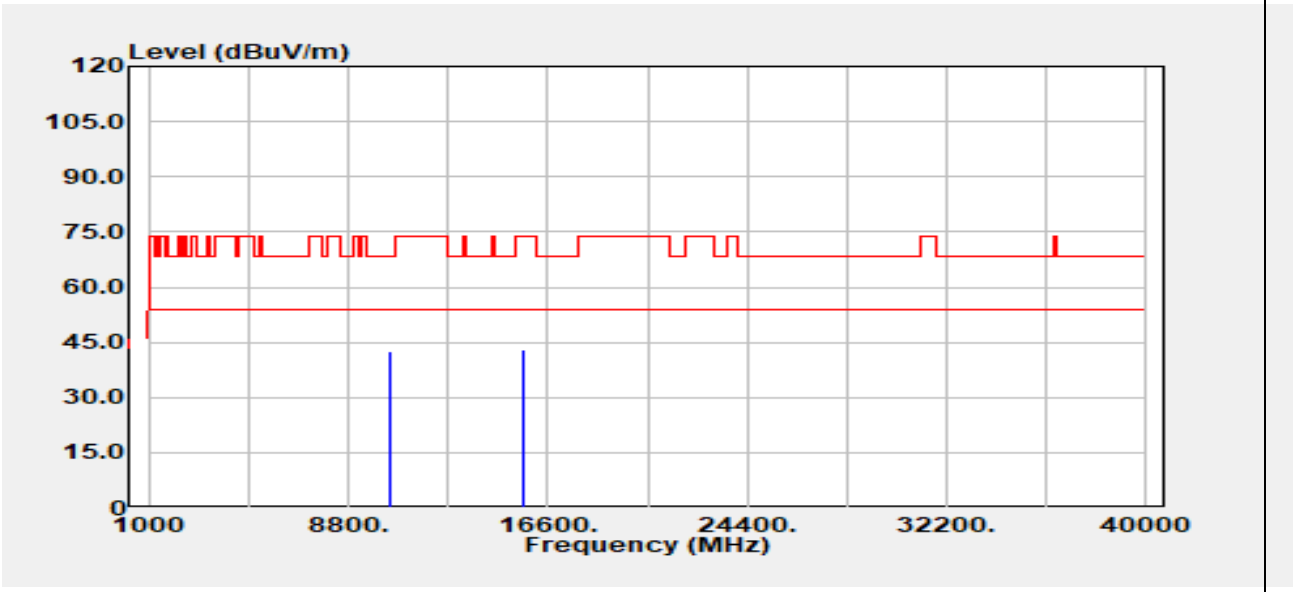
Test Mode	Mode 1 IEEE 802.11n HT40 / 5230 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10460.00	Peak	31.47	11.30	42.77	68.20	-25.43
15690.00	Peak	29.34	13.90	43.24	74.00	-30.76
15690.00	Average	22.76	13.90	36.66	54.00	-17.34
N/A						

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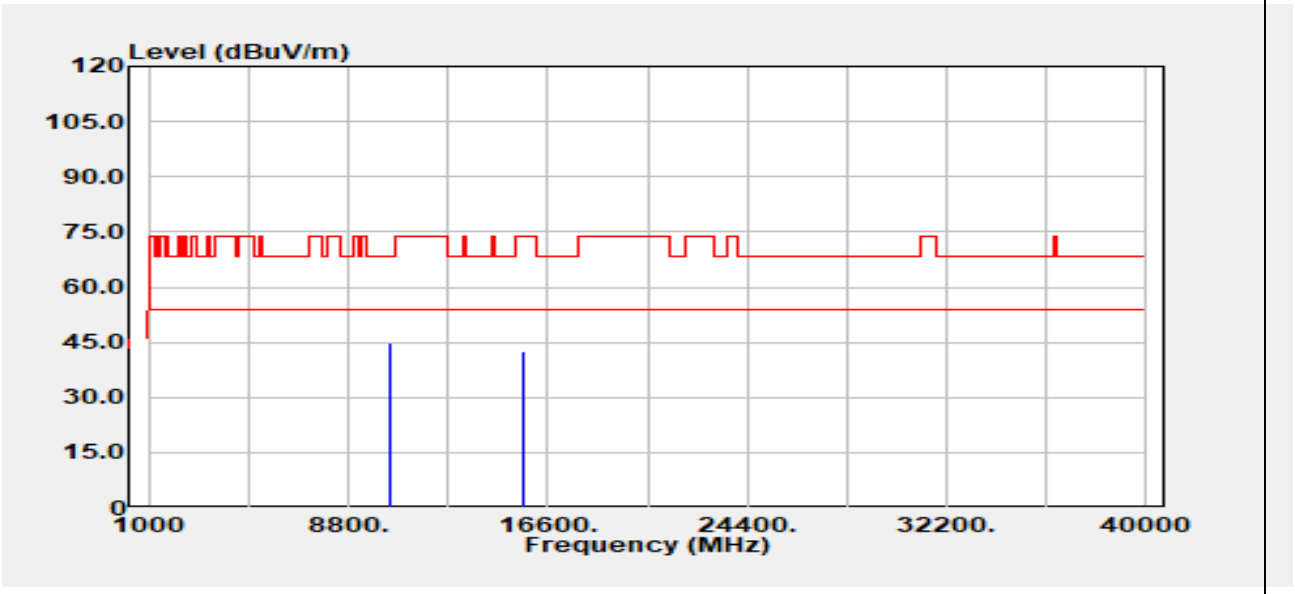
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10420.00	Peak	33.80	11.21	45.01	68.20	-23.19
15630.00	Peak	29.39	13.06	42.45	74.00	-31.55
15630.00	Average	23.50	13.06	36.55	54.00	-17.45
N/A						

Remark:

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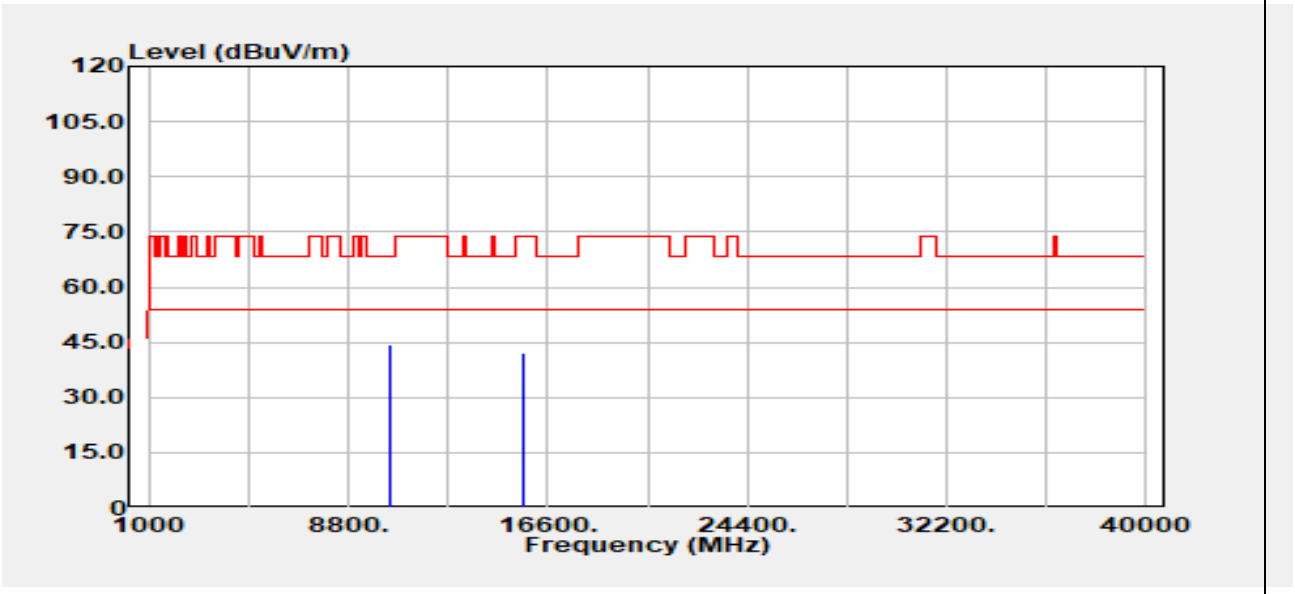
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10420.00	Peak	32.98	11.21	44.19	68.20	-24.01
15630.00	Peak	28.94	13.06	42.00	74.00	-32.00
15630.00	Average	23.33	13.06	36.39	54.00	-17.61
N/A						

Remark:

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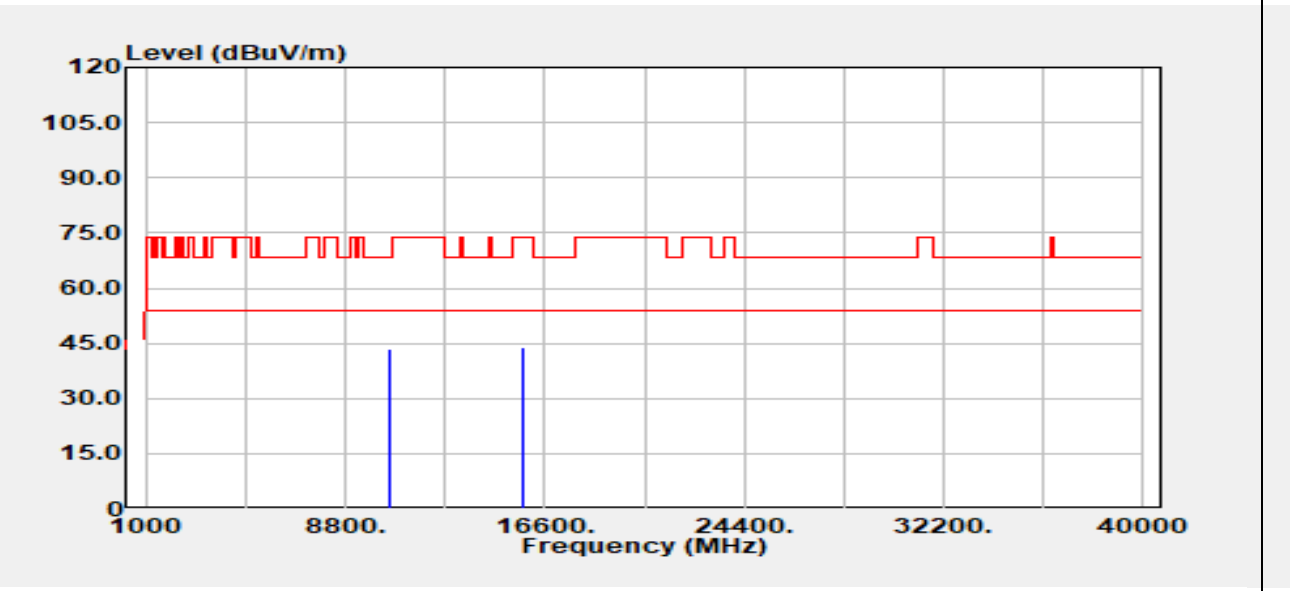
Test Data for UNII-2a

Test Mode	Mode 1 IEEE 802.11a / 5260 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10520.00	Peak	31.91	11.41	43.32	68.20	-24.88
15780.00	Peak	29.99	14.08	44.06	74.00	-29.94
15780.00	Average	24.15	14.08	38.22	54.00	-15.78
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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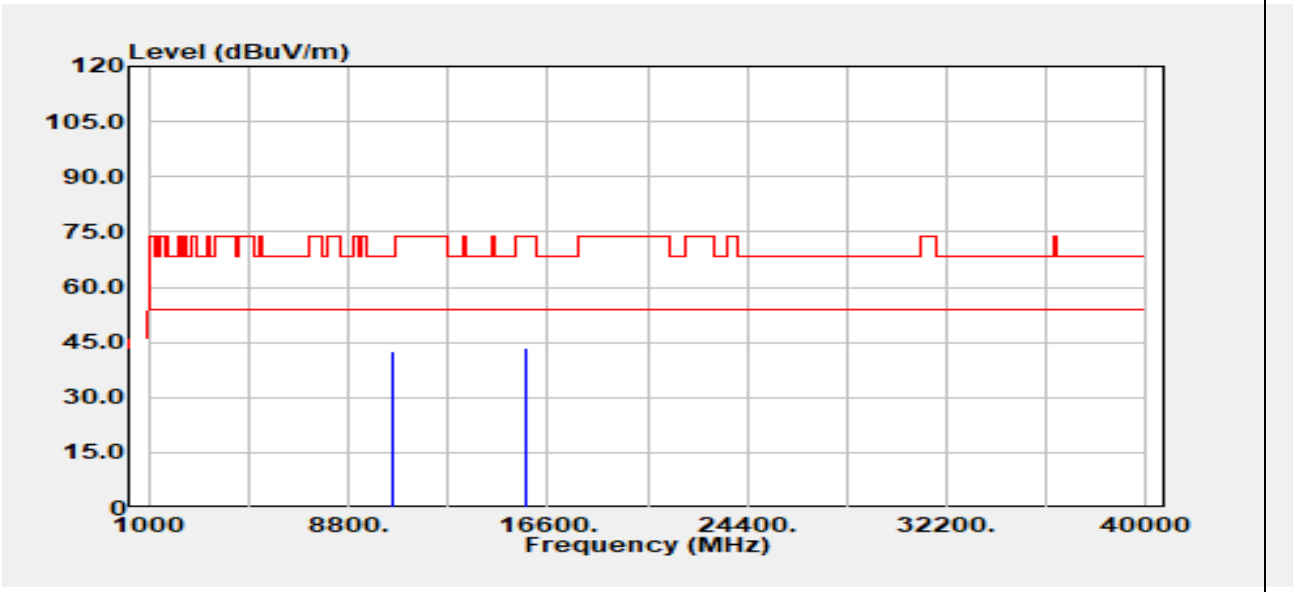
Test Mode	Mode 1 IEEE 802.11a / 5260 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10520.00	Peak	31.21	11.41	42.62	68.20	-25.58
15780.00	Peak	29.18	14.08	43.26	74.00	-30.74
15780.00	Average	23.96	14.08	38.04	54.00	-15.96
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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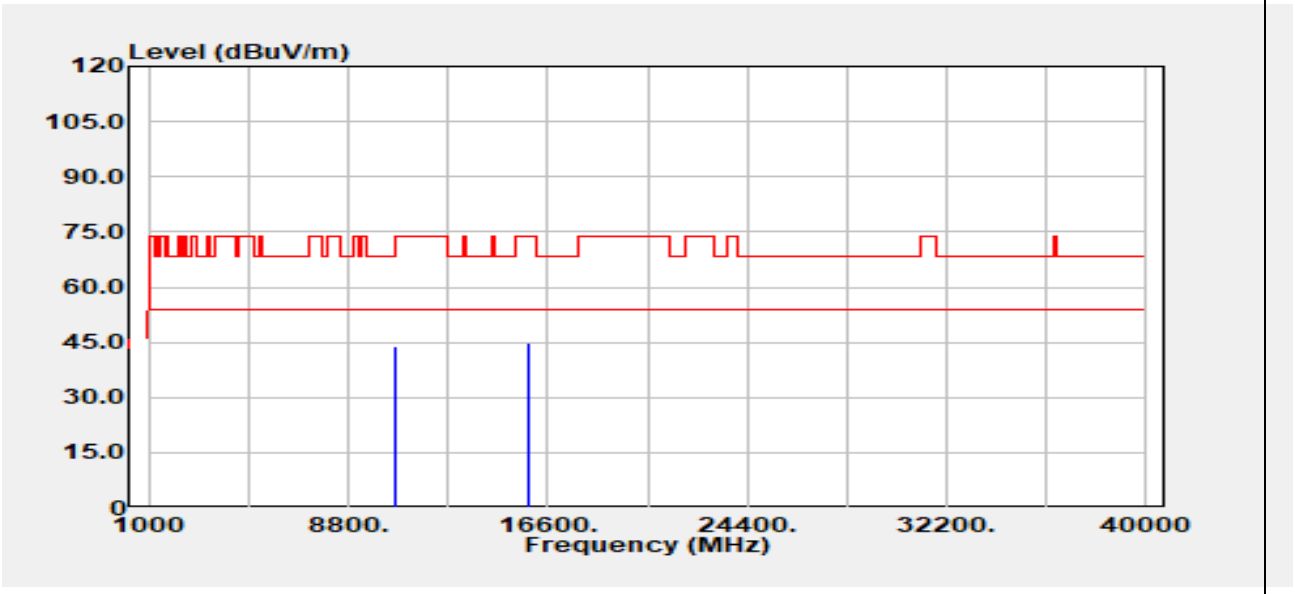
Test Mode	Mode 1 IEEE 802.11a / 5300 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonics	Test Date	June 13, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10600.00	Peak	32.29	11.53	43.82	68.20	-24.38
15900.00	Peak	30.31	14.45	44.76	74.00	-29.24
15900.00	Average	24.07	14.45	38.52	54.00	-15.48
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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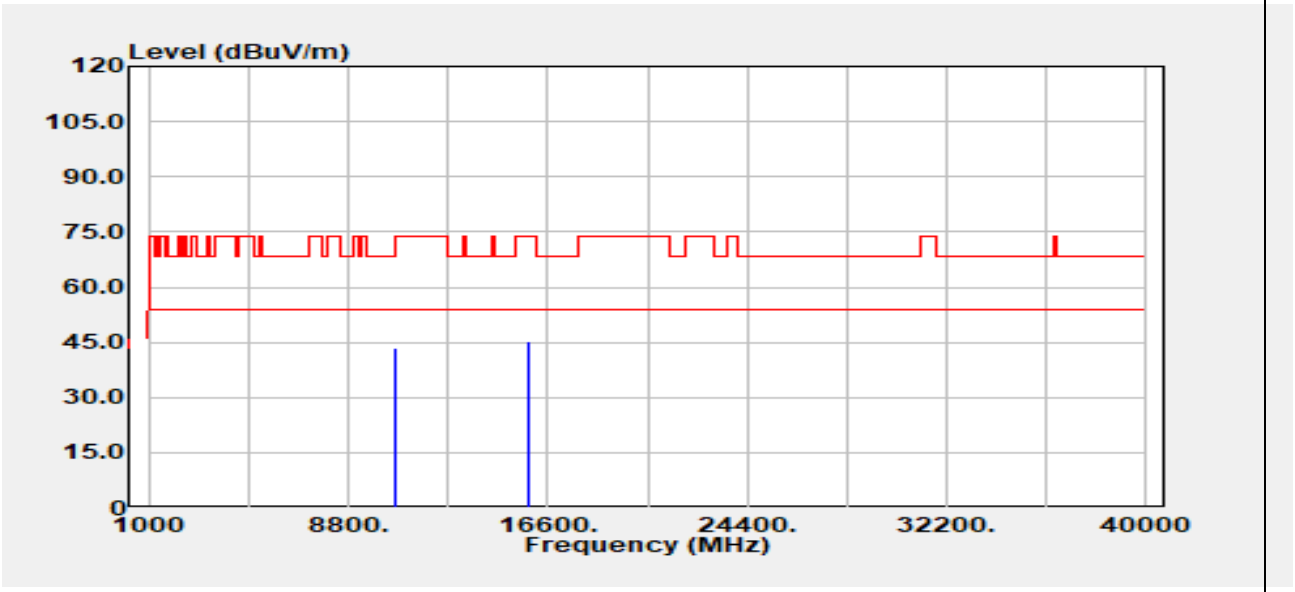
Test Mode	Mode 1 IEEE 802.11a / 5300 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10600.00	Peak	32.11	11.53	43.64	68.20	-24.56
15900.00	Peak	30.89	14.45	45.34	74.00	-28.66
15900.00	Average	24.23	14.45	38.68	54.00	-15.32
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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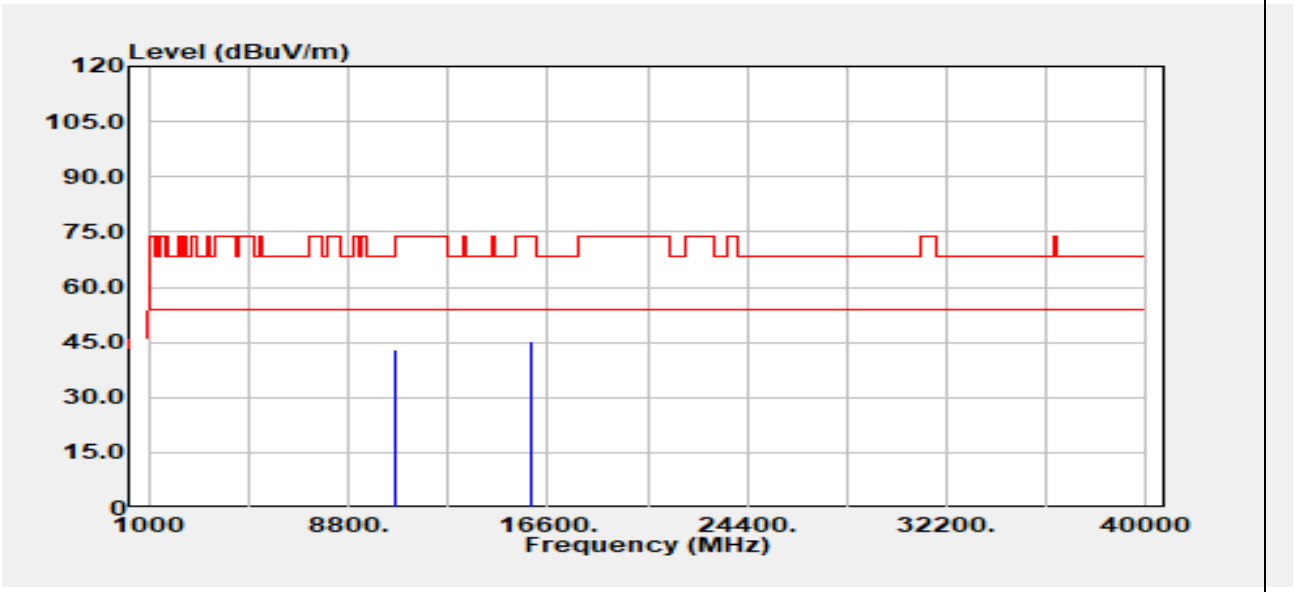
Test Mode	Mode 1 IEEE 802.11a / 5320 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10640.00	Peak	31.62	11.50	43.12	74.00	-30.88
10640.00	Average	26.29	11.50	37.79	54.00	-16.21
15960.00	Peak	30.20	15.09	45.29	74.00	-28.71
15960.00	Average	24.17	15.09	39.26	54.00	-14.74

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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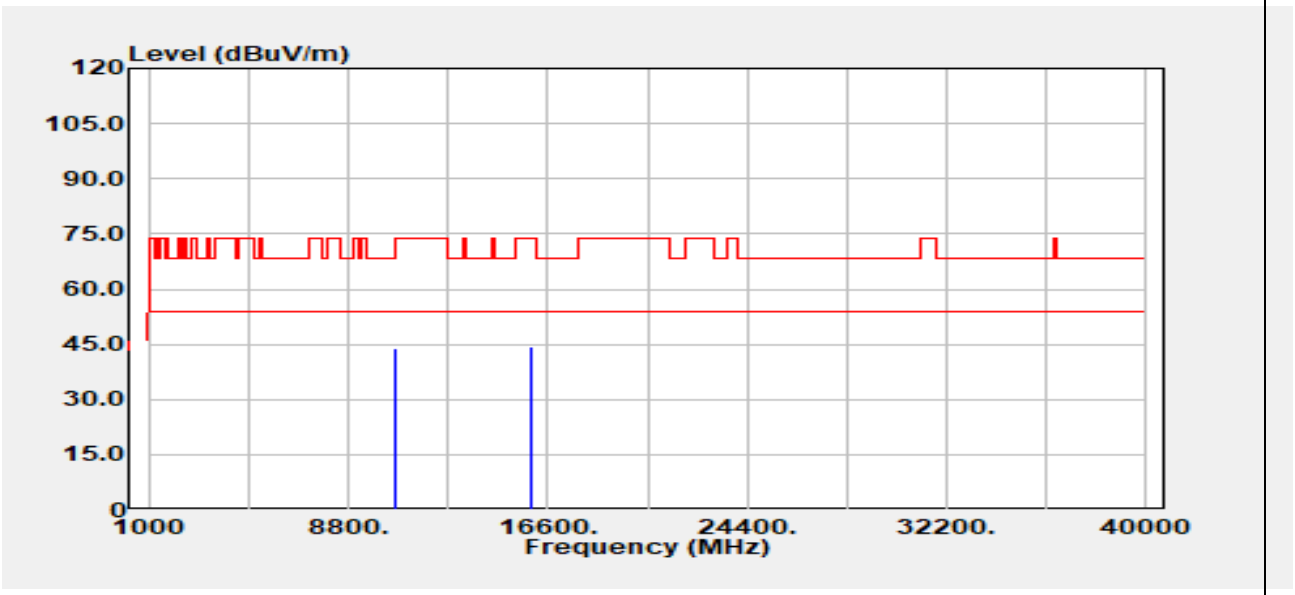
Test Mode	Mode 1 IEEE 802.11a / 5320 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10640.00	Peak	32.64	11.50	44.14	74.00	-29.86
10640.00	Average	26.31	11.50	37.82	54.00	-16.18
15960.00	Peak	29.48	15.09	44.57	74.00	-29.43
15960.00	Average	24.08	15.09	39.17	54.00	-14.83

Remark:

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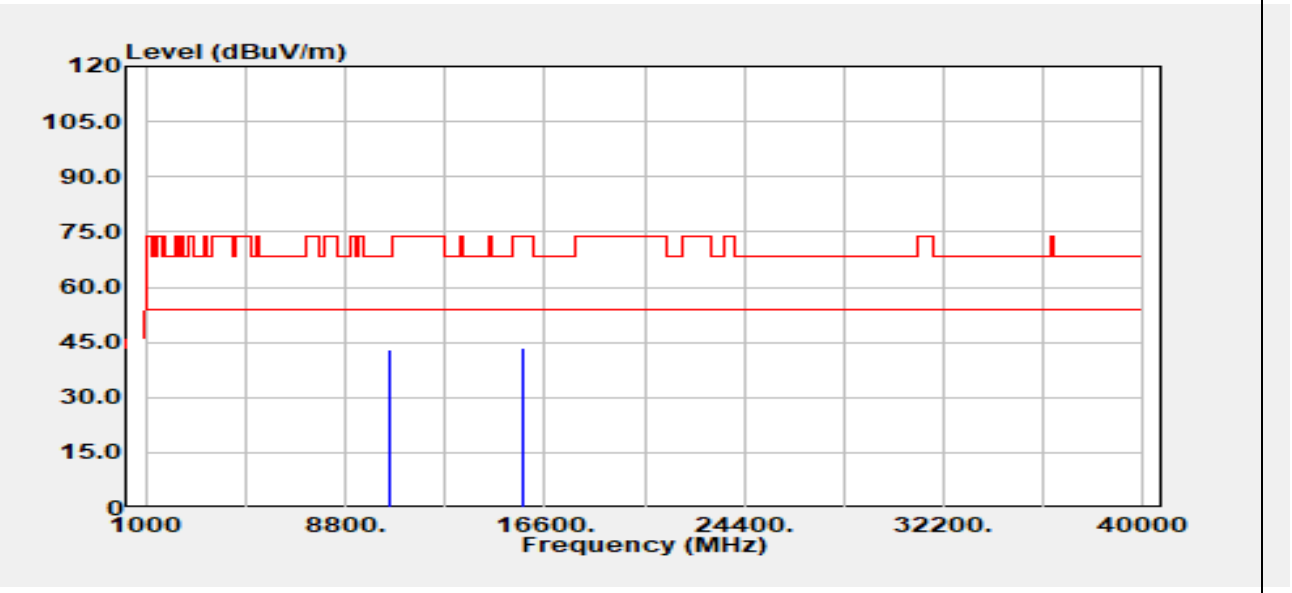
Test Mode	Mode 1 IEEE 802.11n HT20 / 5260 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10520.00	Peak	31.52	11.41	42.93	68.20	-25.27
15780.00	Peak	29.55	14.08	43.62	74.00	-30.38
15780.00	Average	21.62	14.08	35.70	54.00	-18.30
N/A						

Remark:

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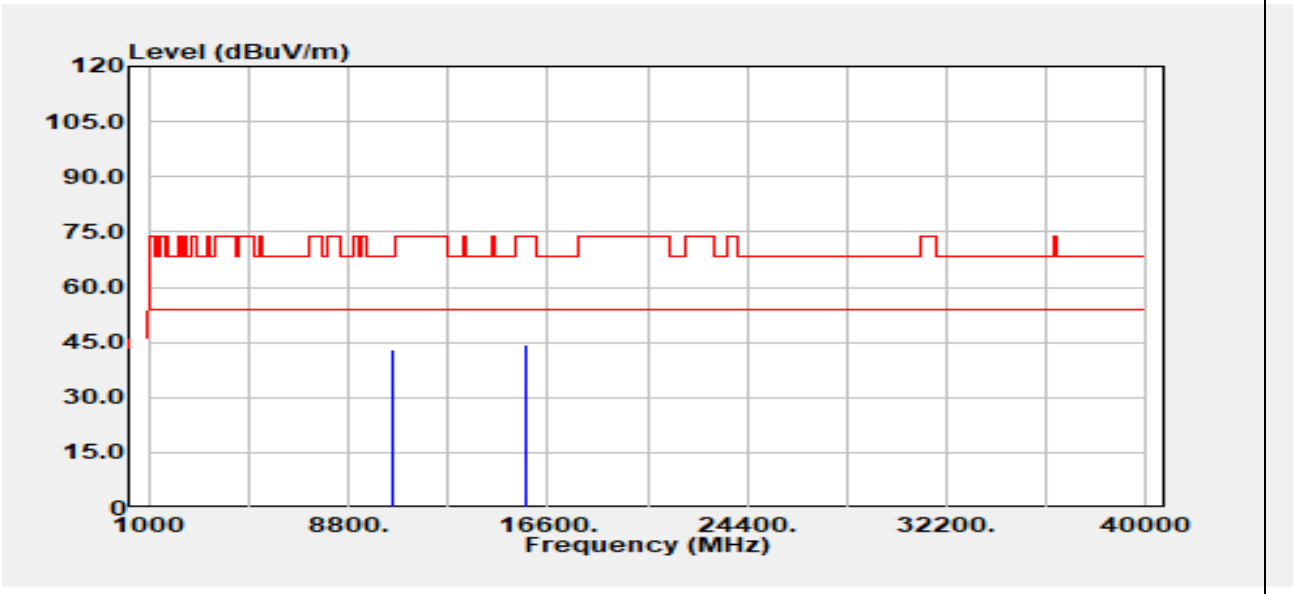
Test Mode	Mode 1 IEEE 802.11n HT20 / 5260 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10520.00	Peak	31.60	11.41	43.01	68.20	-25.19
15780.00	Peak	30.44	14.08	44.51	74.00	-29.49
15780.00	Average	21.58	14.08	35.66	54.00	-18.34
N/A						

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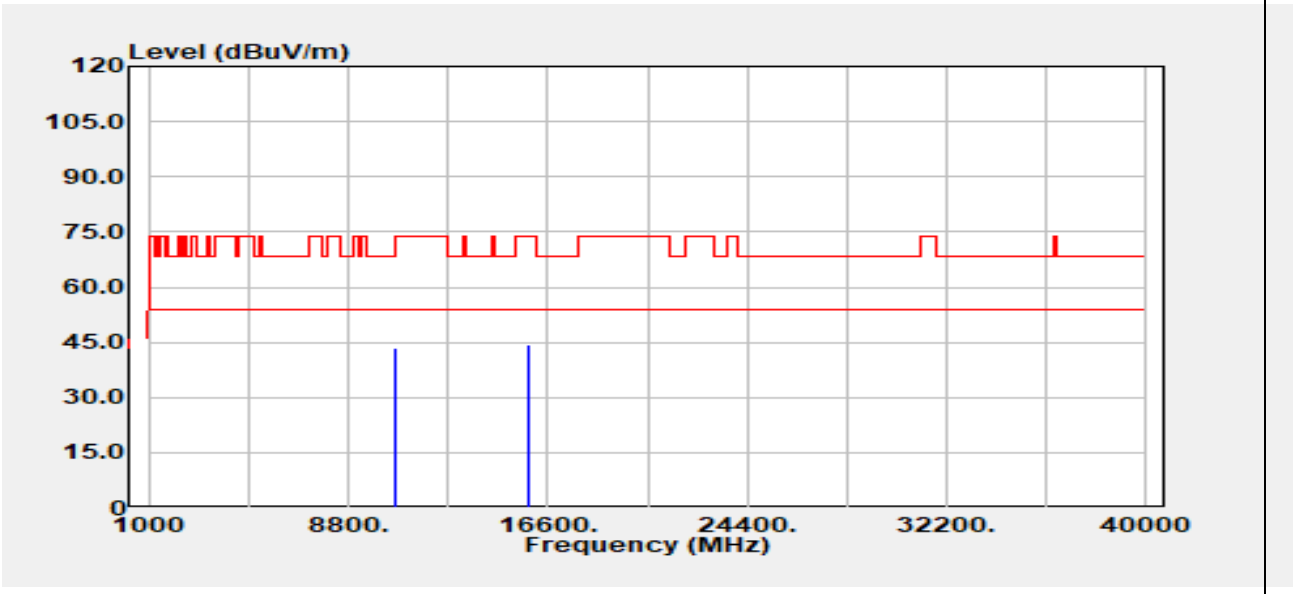
Test Mode	Mode 1 IEEE 802.11n HT20 / 5300 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10600.00	Peak	32.07	11.53	43.60	68.20	-24.60
15900.00	Peak	29.98	14.45	44.43	74.00	-29.57
15900.00	Average	21.07	14.45	35.52	54.00	-18.48
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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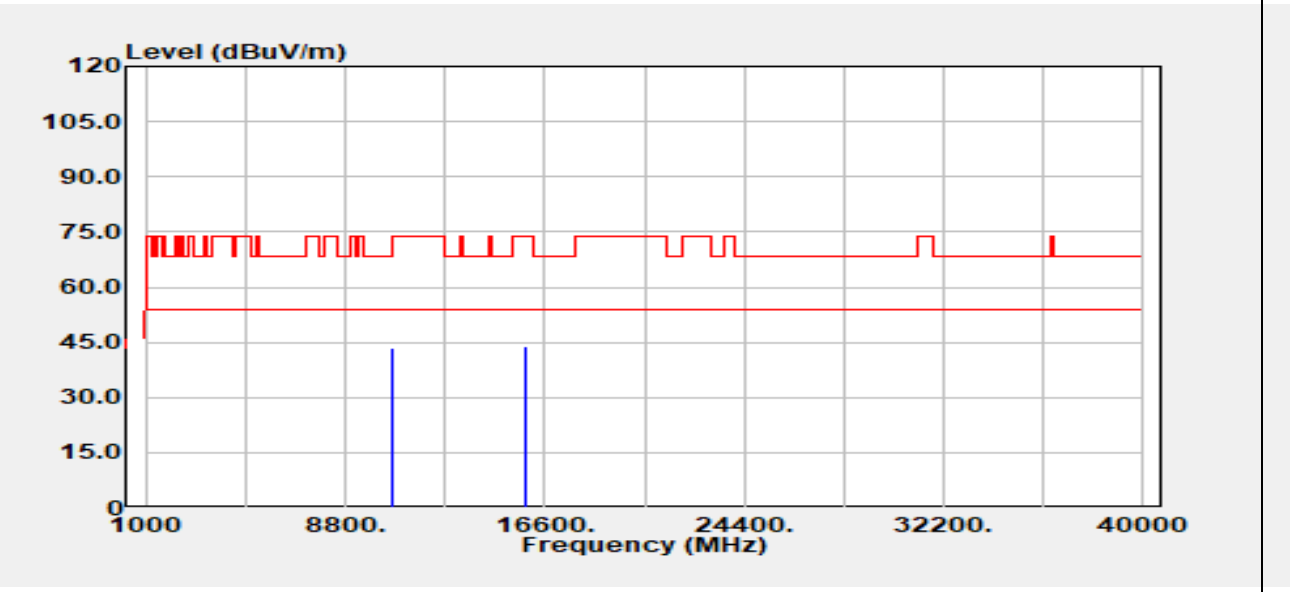
Test Mode	Mode 1 IEEE 802.11n HT20 / 5300 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10600.00	Peak	31.86	11.53	43.39	68.20	-24.81
15900.00	Peak	29.38	14.45	43.83	74.00	-30.17
15900.00	Average	21.26	14.45	35.71	54.00	-18.29
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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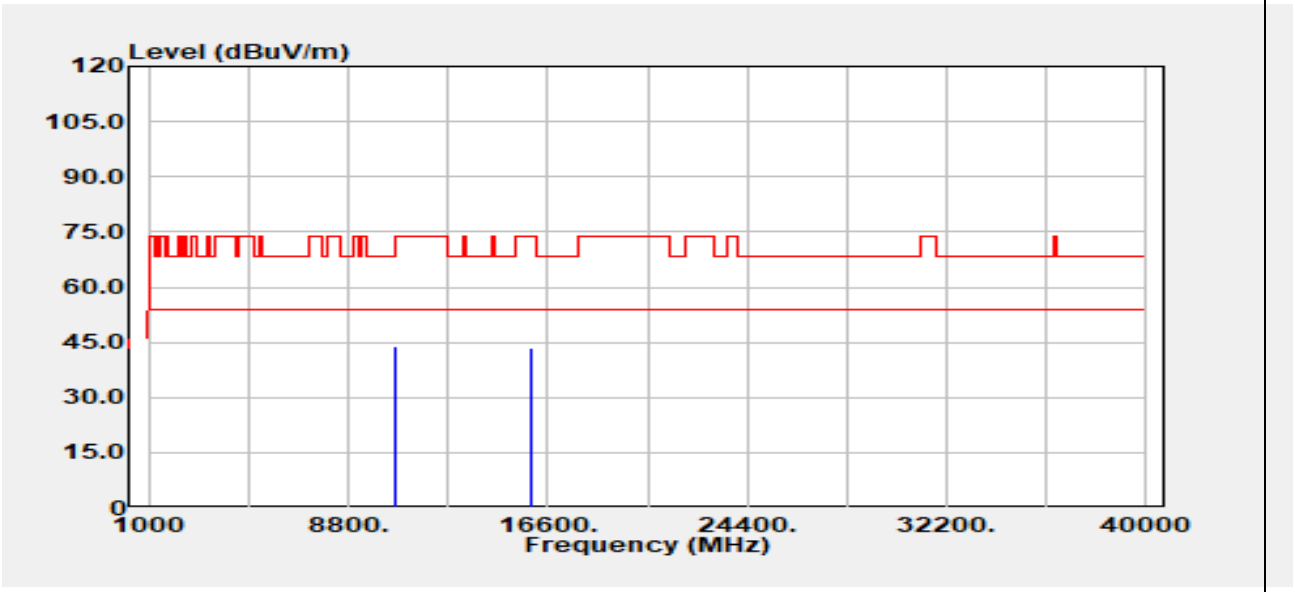
Test Mode	Mode 1 IEEE 802.11n HT20 / 5320 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10640.00	Peak	32.24	11.50	43.75	74.00	-30.25
15960.00	Peak	28.58	15.09	43.67	74.00	-30.33
15960.00	Average	20.37	15.09	35.46	54.00	-18.54
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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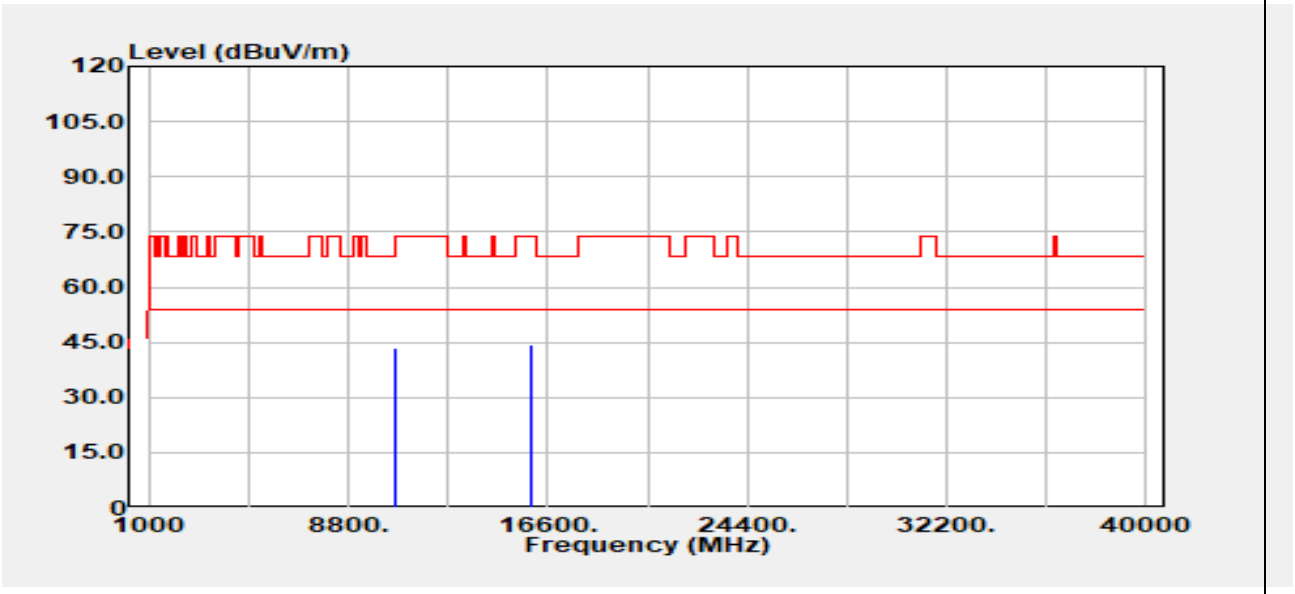
Test Mode	Mode 1 IEEE 802.11n HT20 / 5320 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10640.00	Peak	31.88	11.50	43.38	74.00	-30.62
15960.00	Peak	29.40	15.09	44.48	74.00	-29.52
15960.00	Average	20.40	15.09	35.49	54.00	-18.51
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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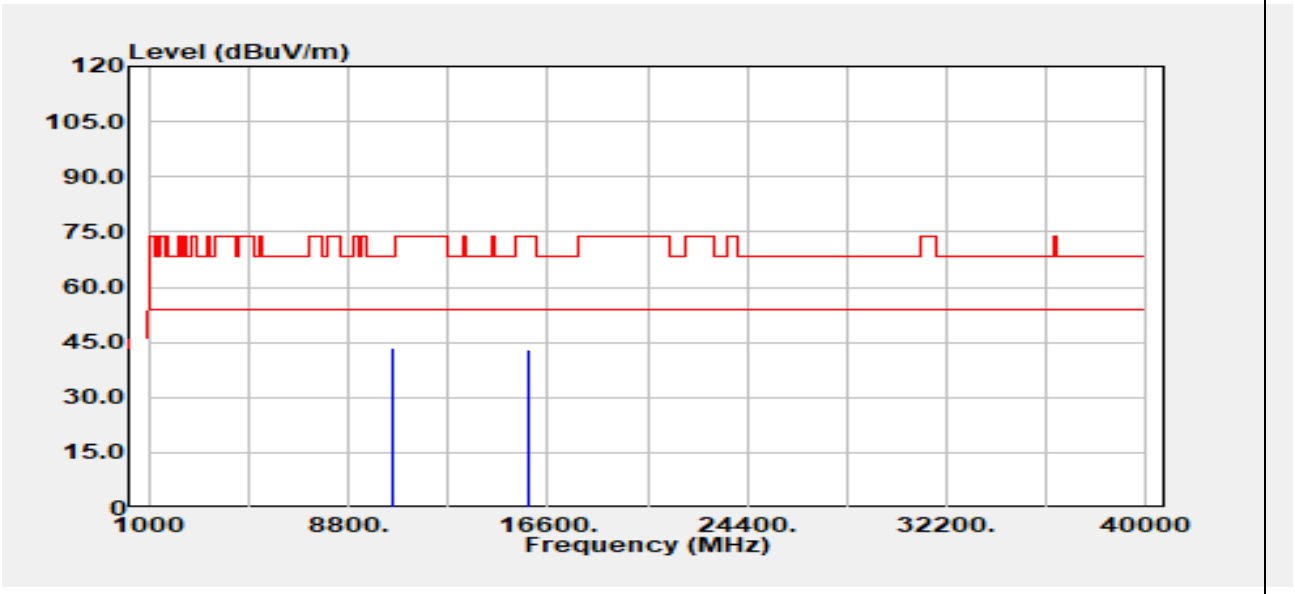
Test Mode	Mode 1 IEEE 802.11n HT40 / 5270 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10540.00	Peak	32.17	11.41	43.58	68.20	-24.62
15810.00	Peak	29.19	14.04	43.22	74.00	-30.78
15810.00	Average	22.88	14.04	36.92	54.00	-17.08
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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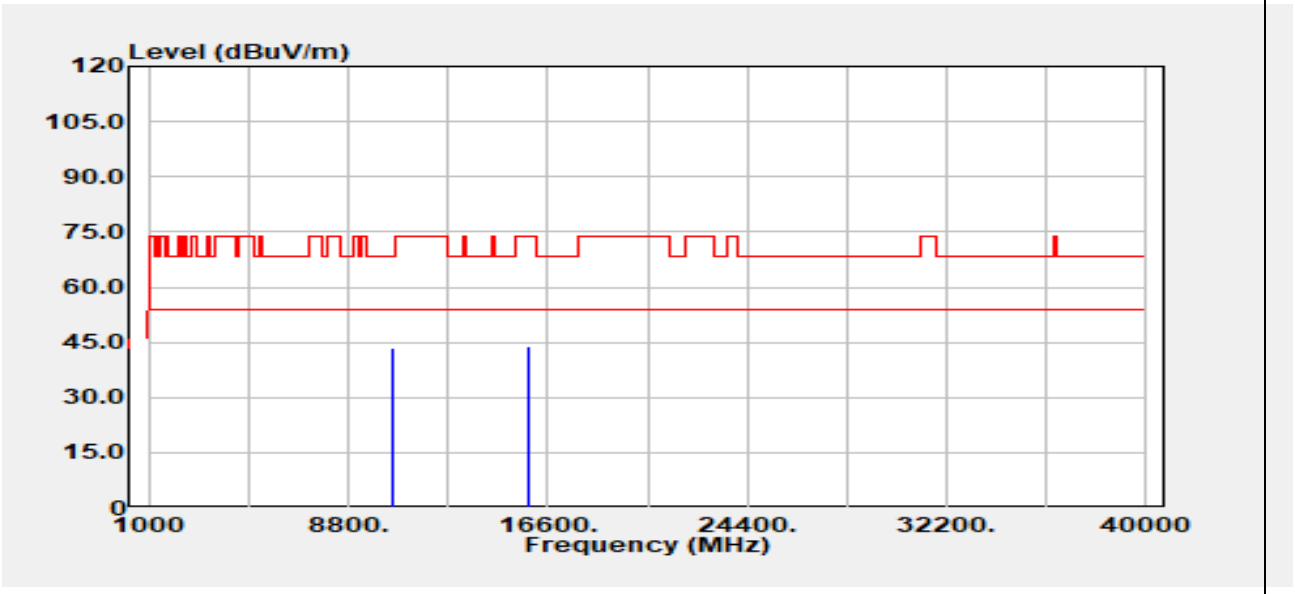
Test Mode	Mode 1 IEEE 802.11n HT40 / 5270 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10540.00	Peak	32.07	11.41	43.48	68.20	-24.72
15810.00	Peak	29.93	14.04	43.97	74.00	-30.03
15810.00	Average	22.62	14.04	36.66	54.00	-17.34
N/A						

Remark:

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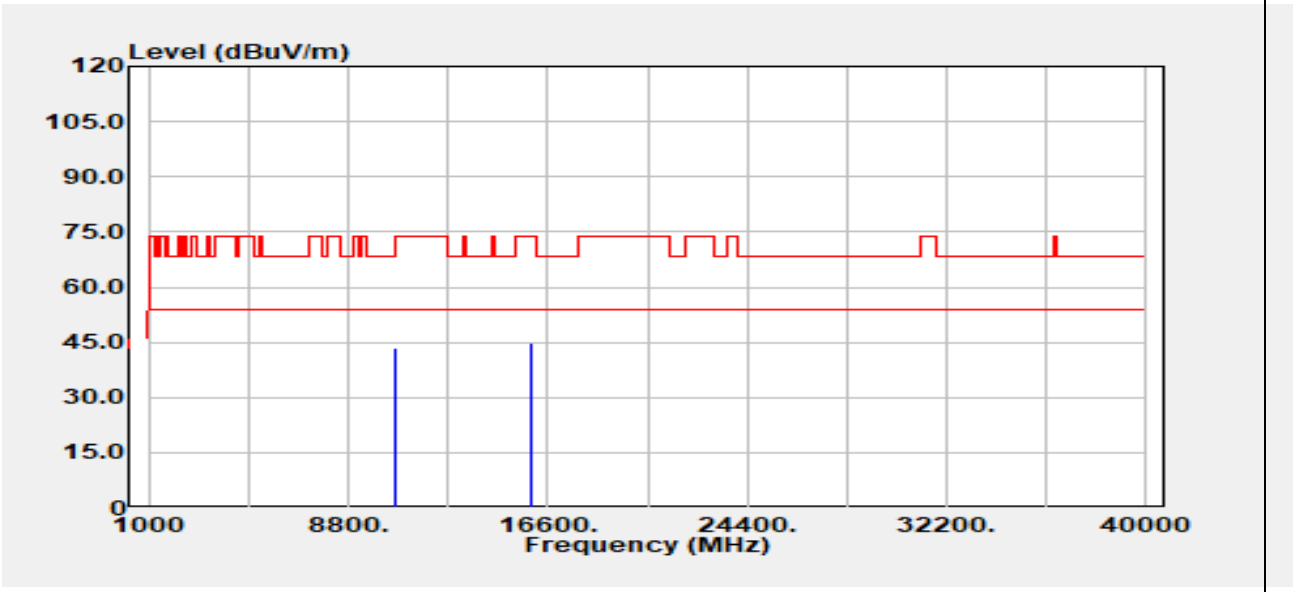
Test Mode	Mode 1 IEEE 802.11n HT40 / 5310 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10620.00	Peak	32.16	11.52	43.68	74.00	-30.32
10620.00	Average	24.86	11.52	36.38	54.00	-17.62
15930.00	Peak	29.99	14.81	44.81	74.00	-29.19
15930.00	Average	22.61	14.81	37.42	54.00	-16.58

Remark:

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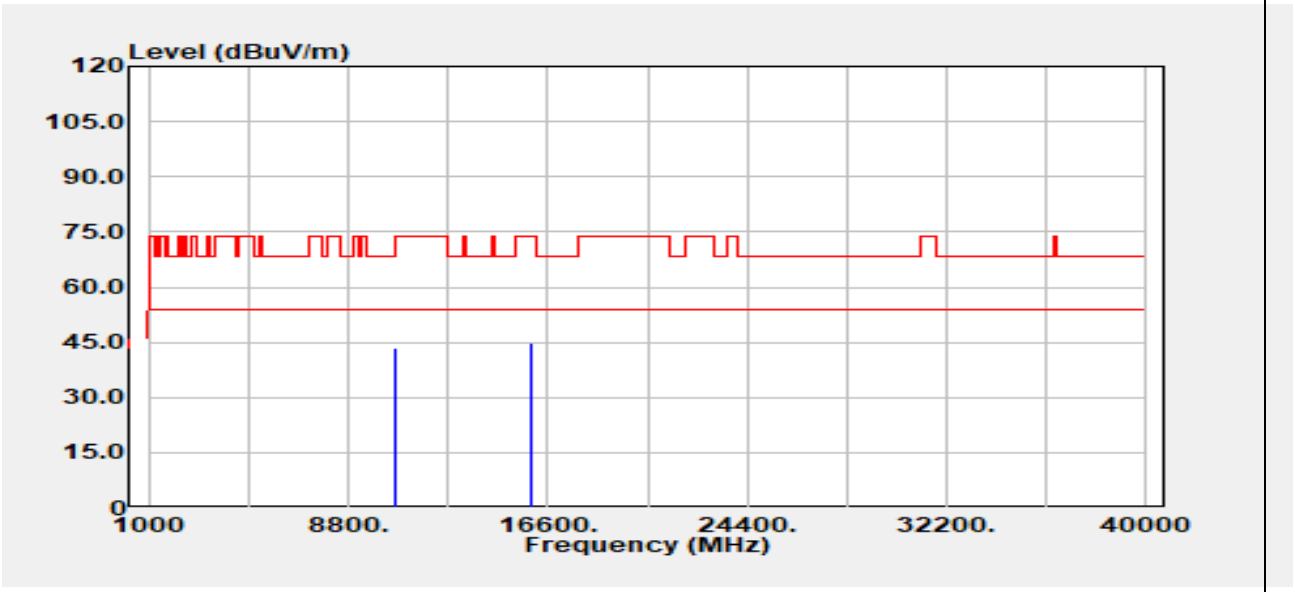
Test Mode	Mode 1 IEEE 802.11n HT40 / 5310 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10620.00	Peak	31.77	11.52	43.29	74.00	-30.71
10620.00	Average	24.40	11.52	35.92	54.00	-18.08
15930.00	Peak	29.91	14.81	44.73	74.00	-29.27
15930.00	Average	22.68	14.81	37.49	54.00	-16.51

Remark:

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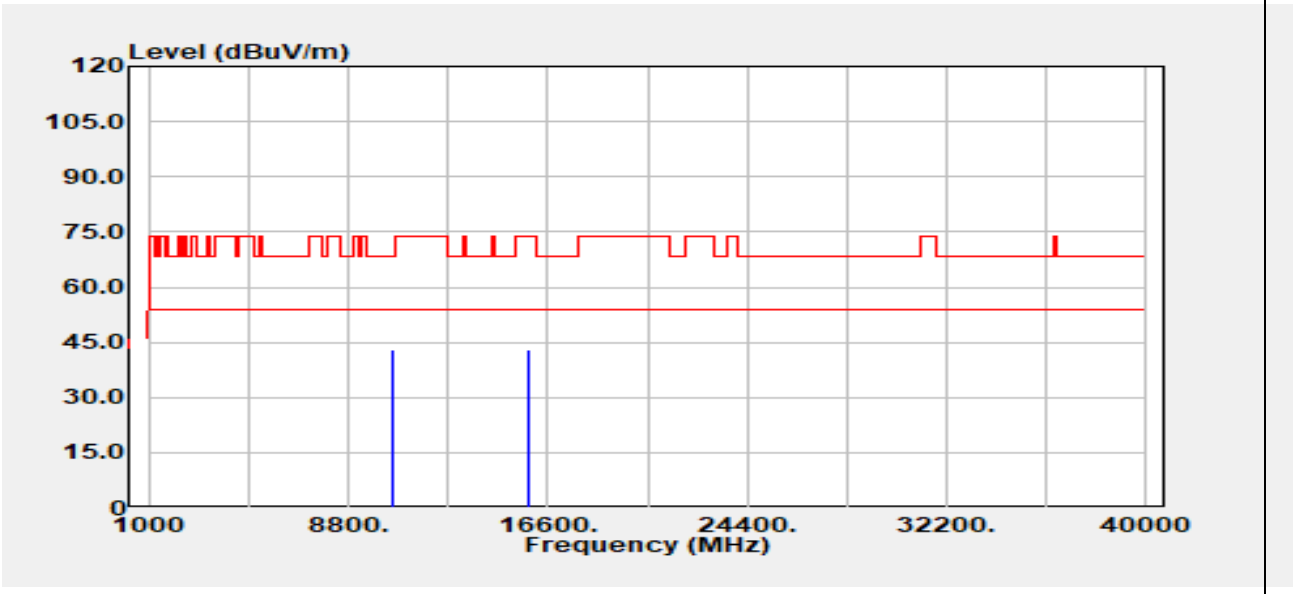
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10580.00	Peak	31.62	11.48	43.10	68.20	-25.10
15870.00	Peak	28.76	14.34	43.10	74.00	-30.90
15870.00	Average	23.08	14.34	37.42	54.00	-16.58
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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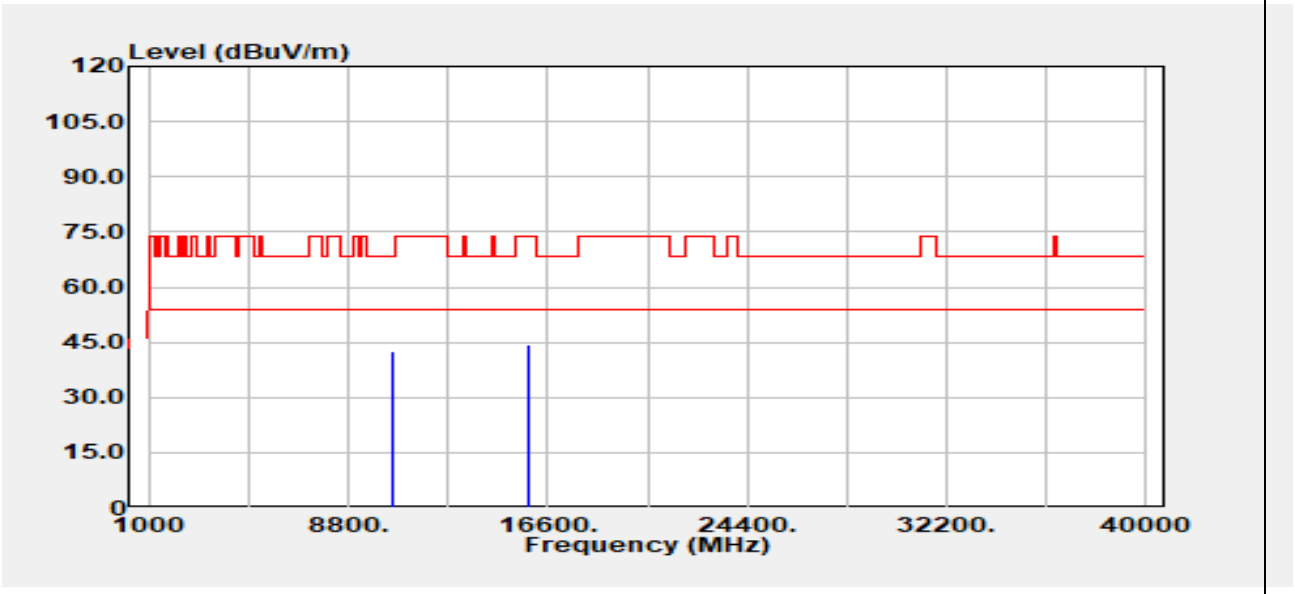
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10580.00	Peak	31.02	11.48	42.50	68.20	-25.70
15870.00	Peak	30.03	14.34	44.37	74.00	-29.63
15870.00	Average	23.17	14.34	37.51	54.00	-16.49
N/A						

Remark:

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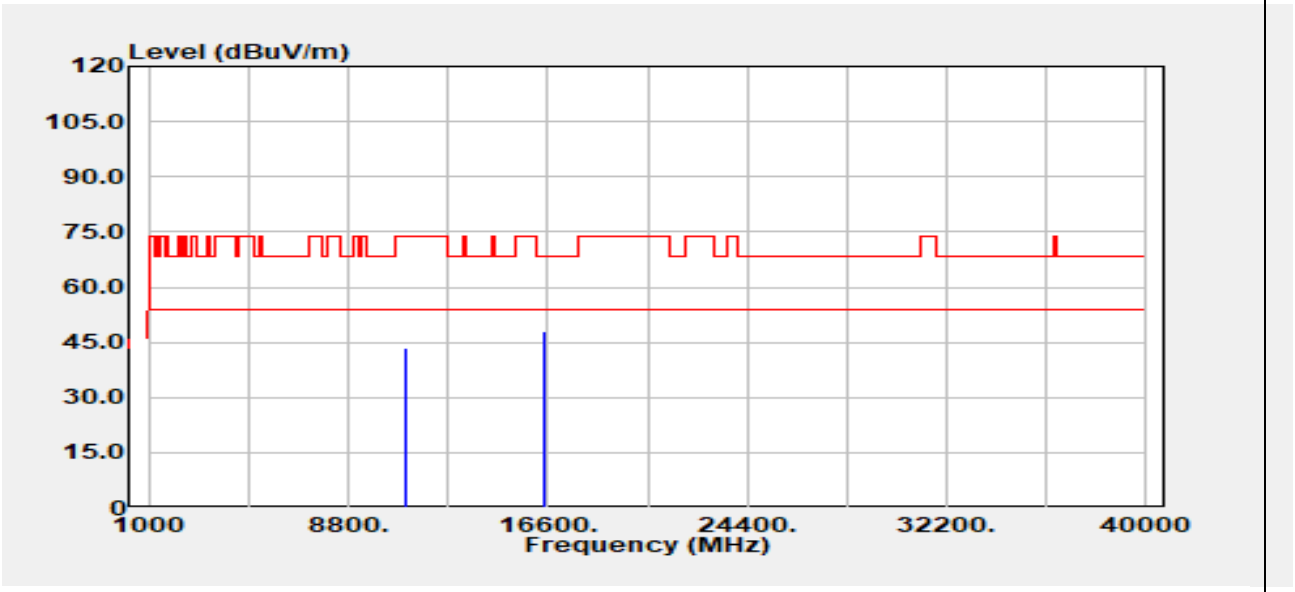
Test Data for UNII-2c

Test Mode	Mode 1 IEEE 802.11a / 5500 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11000.00	Peak	31.04	12.42	43.46	74.00	-30.54
11000.00	Average	25.69	12.42	38.11	54.00	-15.89
16500.00	Peak	29.14	18.70	47.84	68.20	-20.36
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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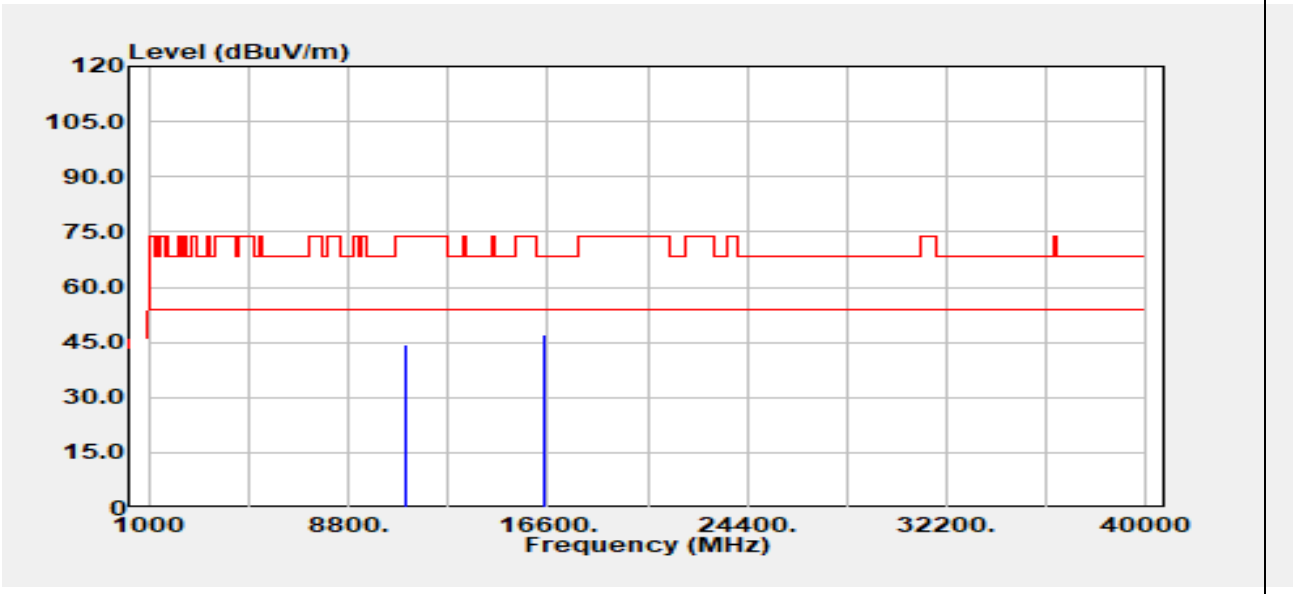
Test Mode	Mode 1 IEEE 802.11a / 5500 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11000.00	Peak	31.92	12.42	44.34	74.00	-29.66
11000.00	Average	24.86	12.42	37.28	54.00	-16.72
16500.00	Peak	28.59	18.70	47.29	68.20	-20.91
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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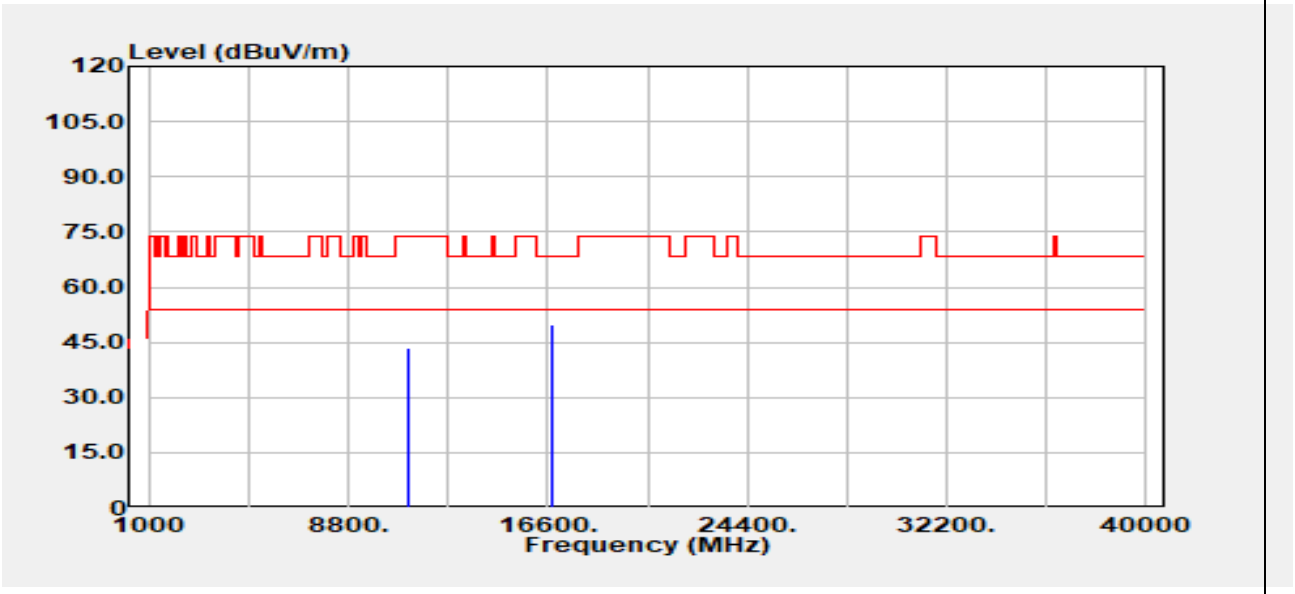
Test Mode	Mode 1 IEEE 802.11a / 5580 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonics	Test Date	June 13, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11160.00	Peak	30.82	12.48	43.29	74.00	-30.71
11160.00	Average	25.02	12.48	37.49	54.00	-16.51
16740.00	Peak	28.99	20.88	49.86	68.20	-18.34
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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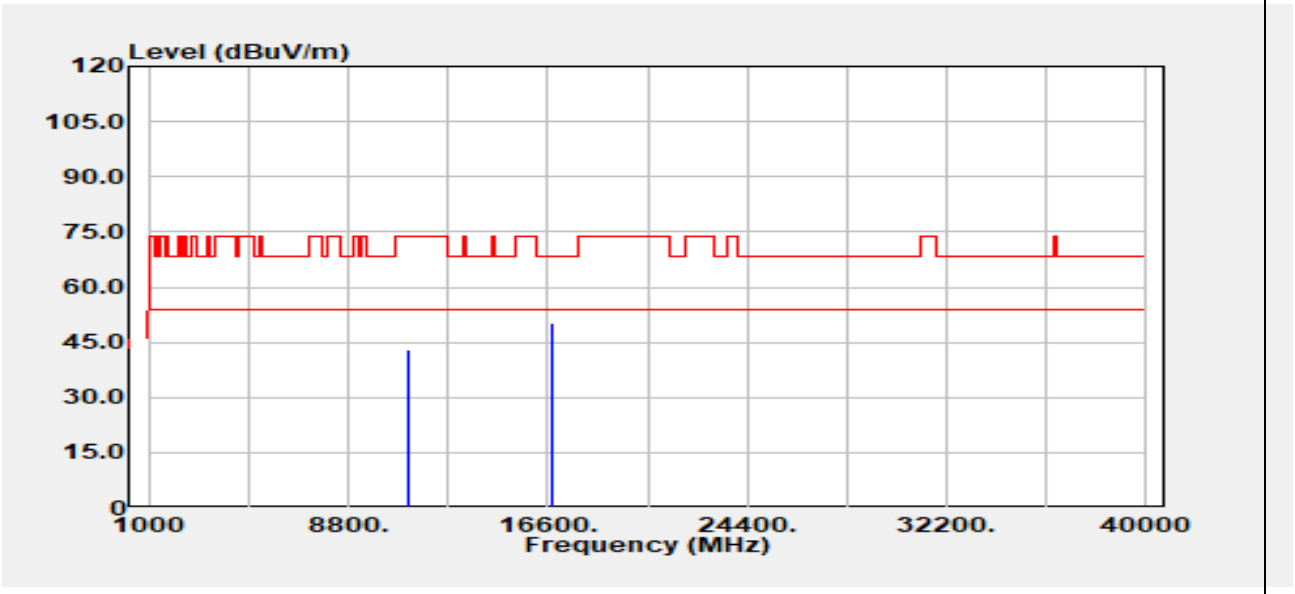
Test Mode	Mode 1 IEEE 802.11a / 5580 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11160.00	Peak	30.55	12.48	43.03	74.00	-30.97
11160.00	Average	25.17	12.48	37.65	54.00	-16.35
16740.00	Peak	29.23	20.88	50.11	68.20	-18.09
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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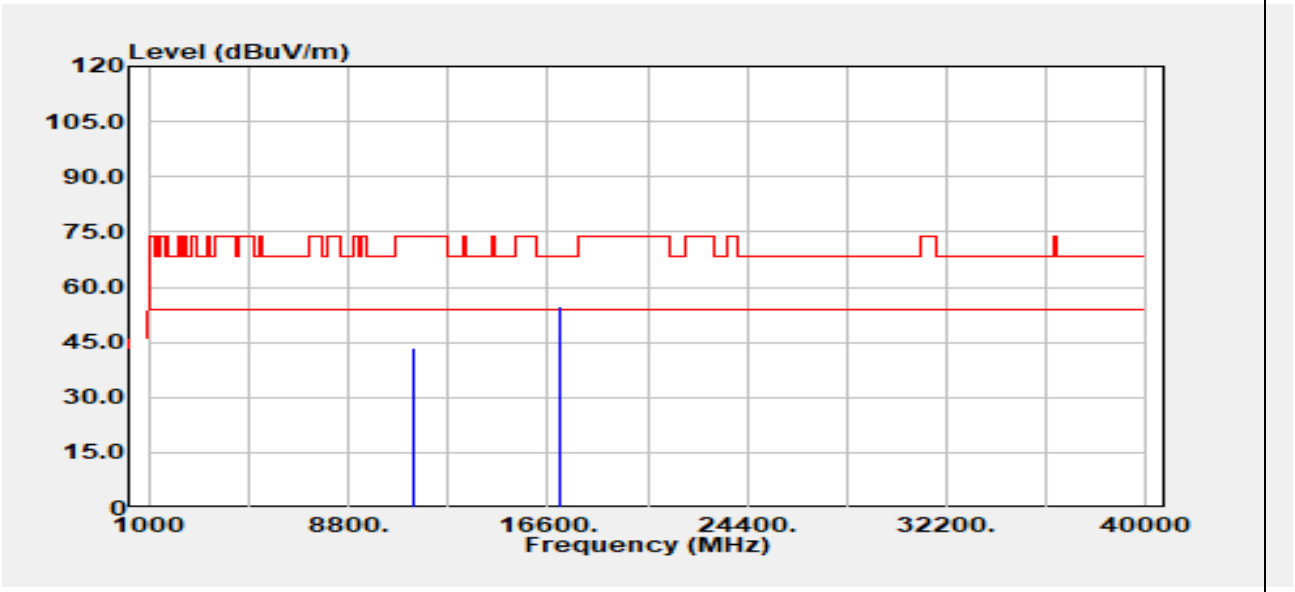
Test Mode	Mode 1 IEEE 802.11a / 5700 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11400.00	Peak	31.17	12.39	43.56	74.00	-30.44
11400.00	Average	25.73	12.39	38.12	54.00	-15.88
17100.00	Peak	29.07	25.62	54.69	68.20	-13.51
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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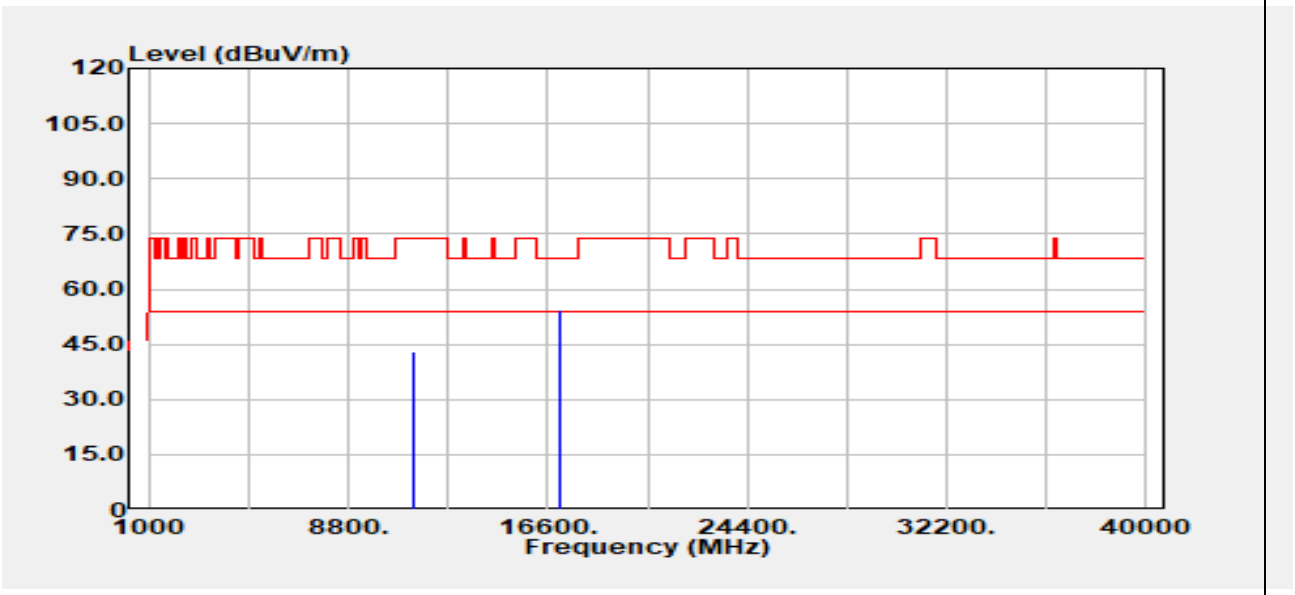
Test Mode	Mode 1 IEEE 802.11a / 5700 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11400.00	Peak	30.46	12.39	42.85	74.00	-31.15
11400.00	Average	25.77	12.39	38.16	54.00	-15.84
17100.00	Peak	28.76	25.62	54.38	68.20	-13.82
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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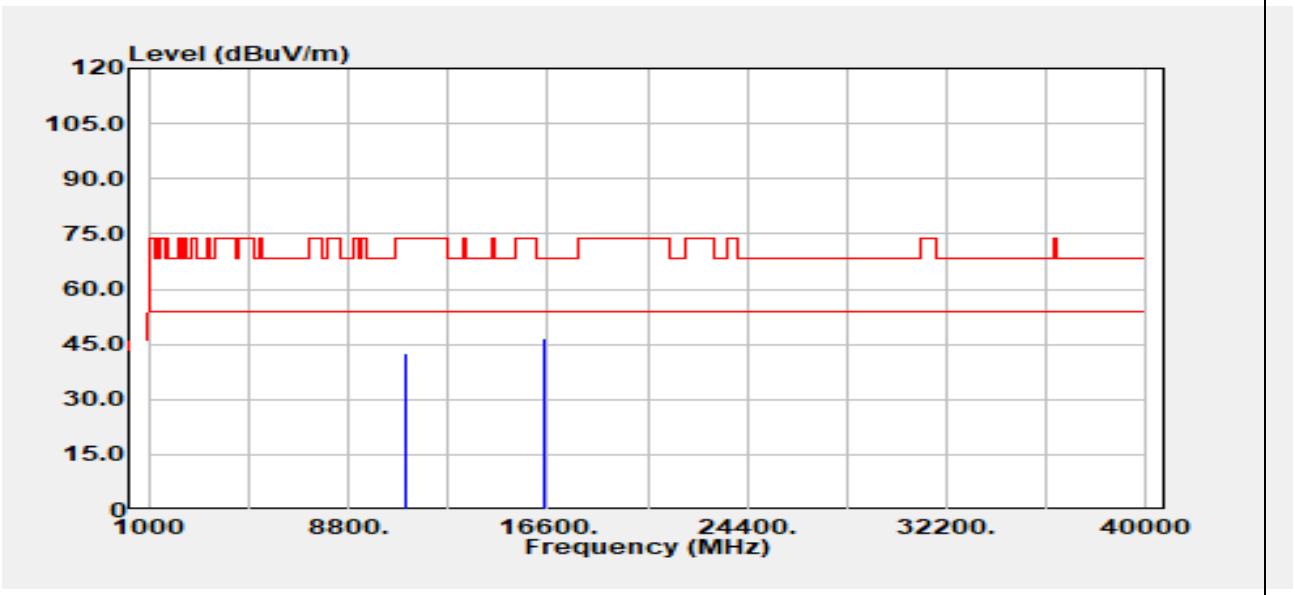
Test Mode	Mode 1 IEEE 802.11n HT20 / 5500 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11000.00	Peak	30.09	12.42	42.51	74.00	-31.49
11000.00	Average	22.13	12.42	34.55	54.00	-19.45
16500.00	Peak	27.75	18.70	46.45	68.20	-21.75
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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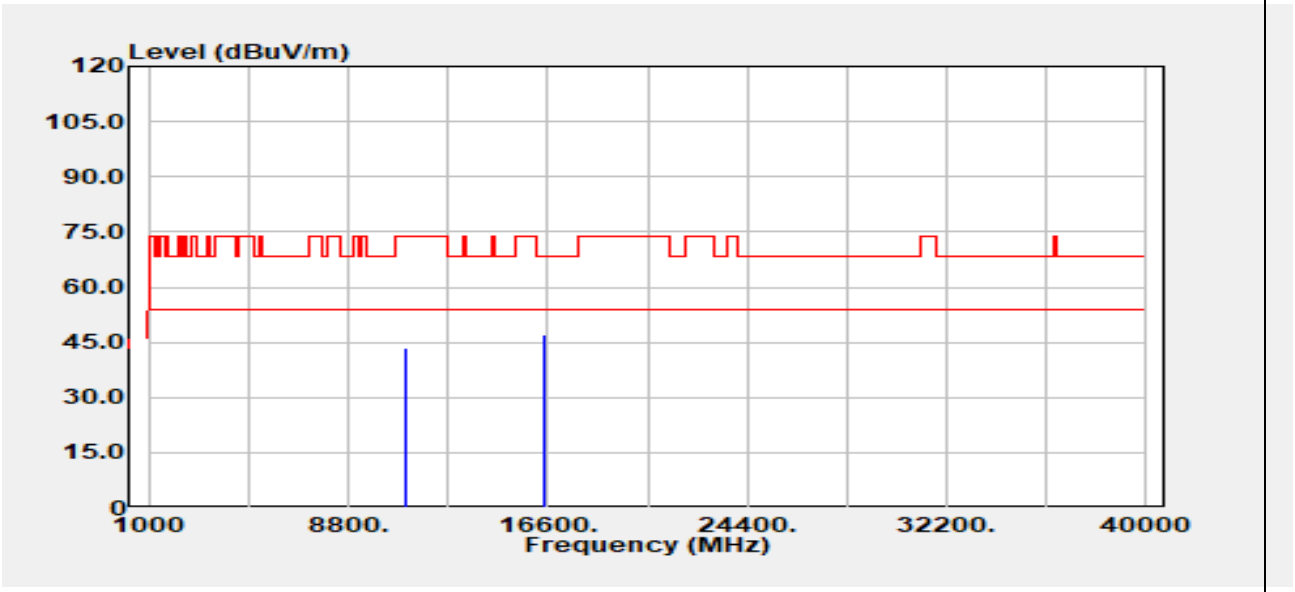
Test Mode	Mode 1 IEEE 802.11n HT20 / 5500 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11000.00	Peak	31.02	12.42	43.44	74.00	-30.56
11000.00	Average	22.57	12.42	34.99	54.00	-19.01
16500.00	Peak	28.24	18.70	46.94	68.20	-21.26
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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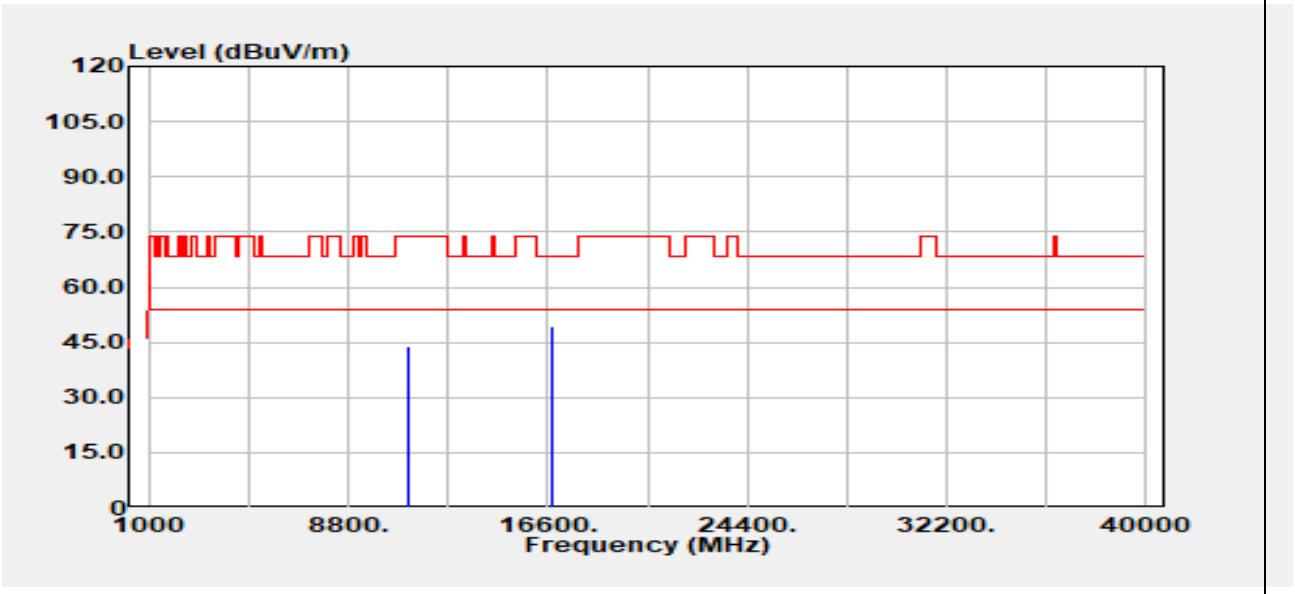
Test Mode	Mode 1 IEEE 802.11n HT20 / 5580 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11160.00	Peak	31.51	12.48	43.99	74.00	-30.01
11160.00	Average	22.29	12.48	34.77	54.00	-19.23
16740.00	Peak	28.43	20.88	49.31	68.20	-18.89
N/A						

Remark:

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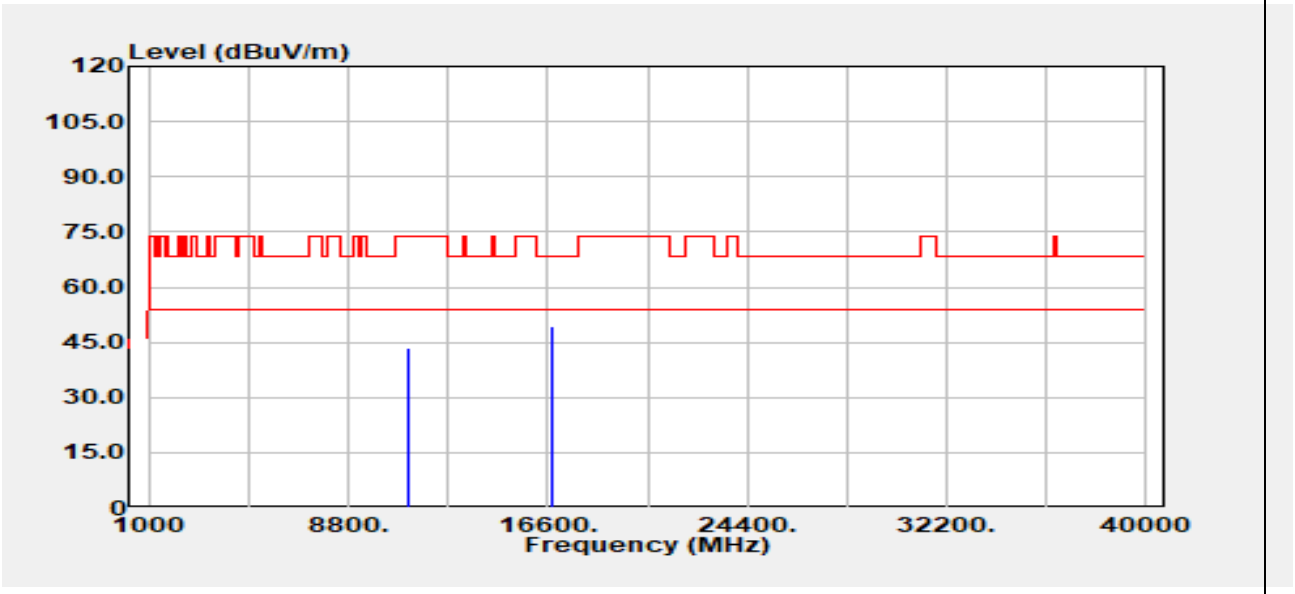
Test Mode	Mode 1 IEEE 802.11n HT20 / 5580 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11160.00	Peak	30.91	12.48	43.39	74.00	-30.61
11160.00	Average	22.75	12.48	35.23	54.00	-18.77
16740.00	Peak	28.71	20.88	49.58	68.20	-18.62
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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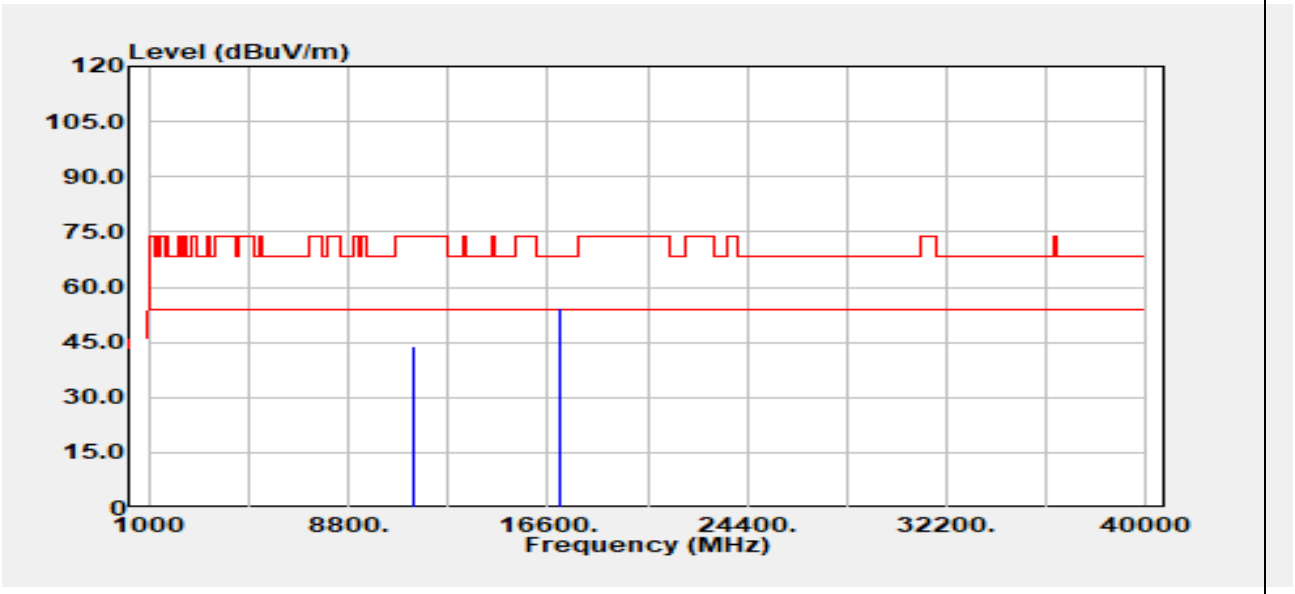
Test Mode	Mode 1 IEEE 802.11n HT20 / 5700 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11400.00	Peak	31.64	12.39	44.03	74.00	-29.97
11400.00	Average	26.78	12.39	39.17	54.00	-14.83
17100.00	Peak	28.83	25.62	54.45	68.20	-13.75
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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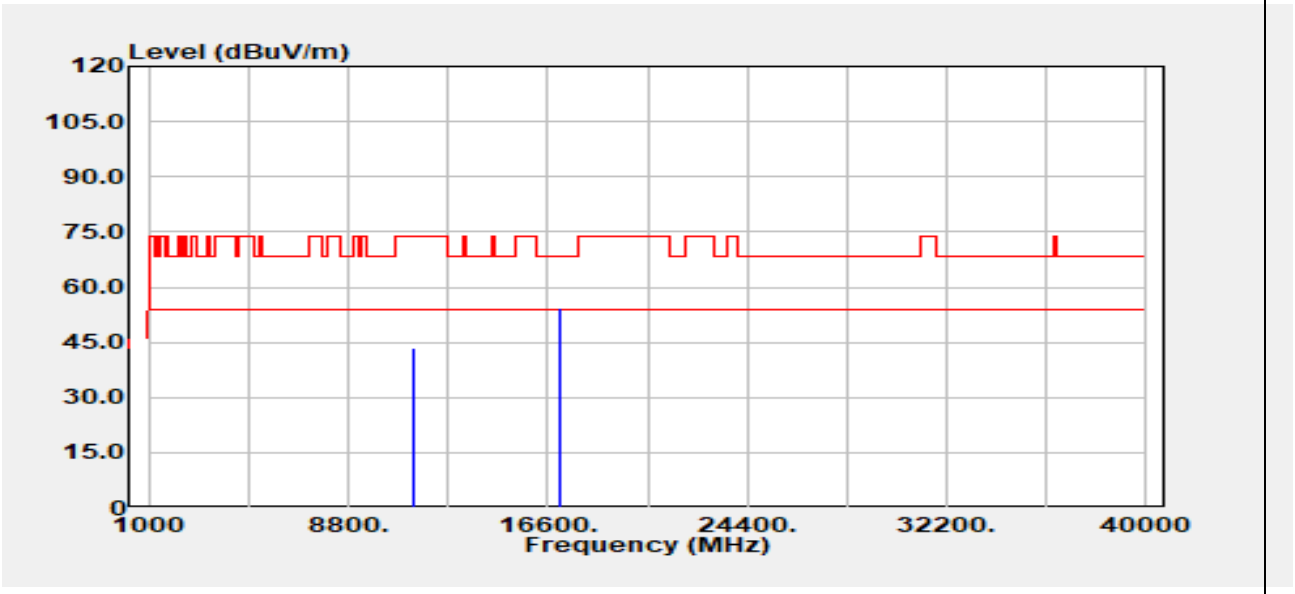
Test Mode	Mode 1 IEEE 802.11n HT20 / 5700 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11400.00	Peak	31.21	12.39	43.60	74.00	-30.40
11400.00	Average	26.29	12.39	38.68	54.00	-15.32
17100.00	Peak	28.55	25.62	54.17	68.20	-14.03
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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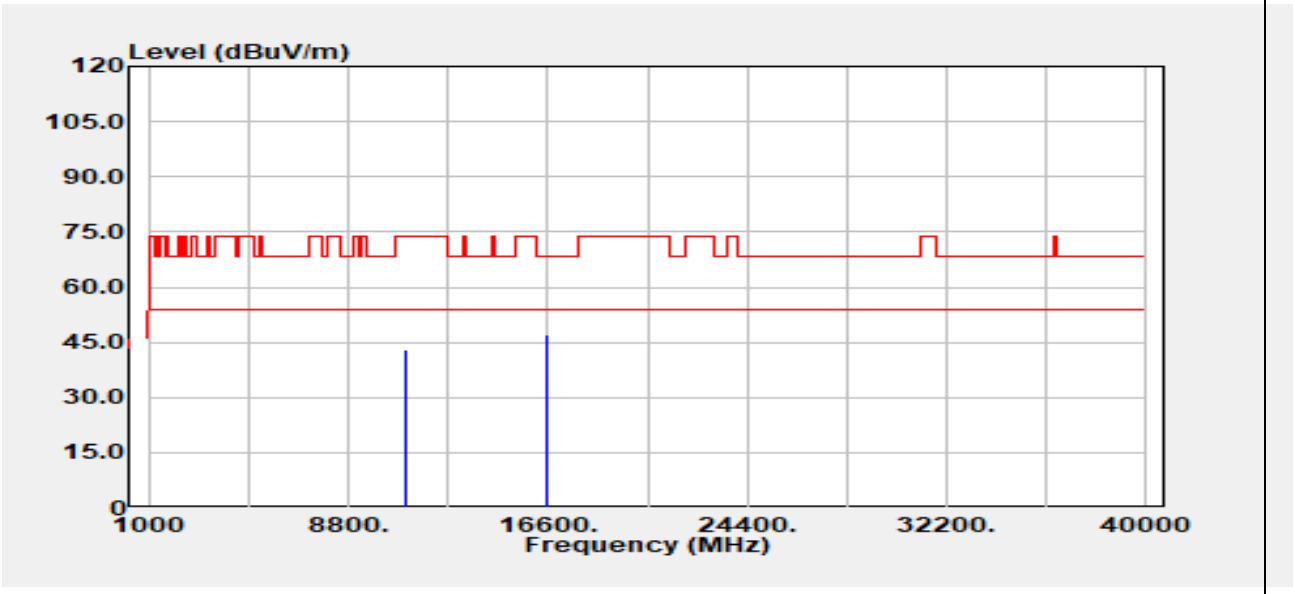
Test Mode	Mode 1 IEEE 802.11n HT40 / 5510 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11020.00	Peak	30.70	12.39	43.09	74.00	-30.91
11020.00	Average	23.19	12.39	35.58	54.00	-18.42
16530.00	Peak	28.35	18.66	47.01	68.20	-21.19
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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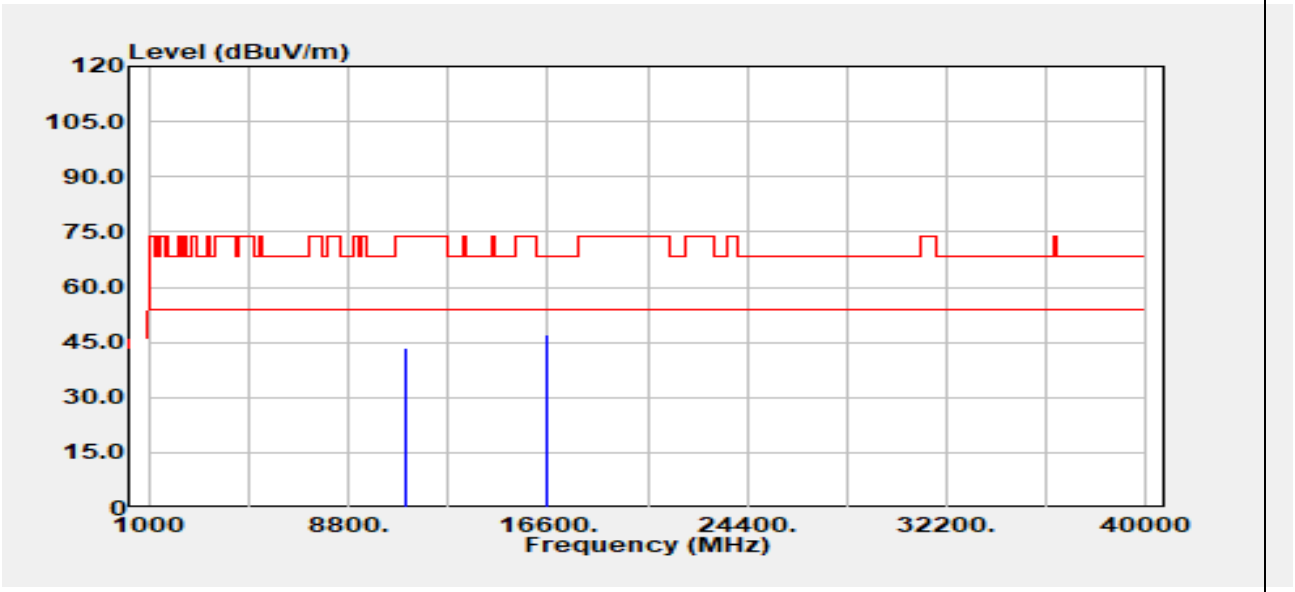
Test Mode	Mode 1 IEEE 802.11n HT40 / 5510 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11020.00	Peak	30.93	12.39	43.32	74.00	-30.68
11020.00	Average	23.37	12.39	35.76	54.00	-18.24
16530.00	Peak	28.36	18.66	47.02	68.20	-21.18
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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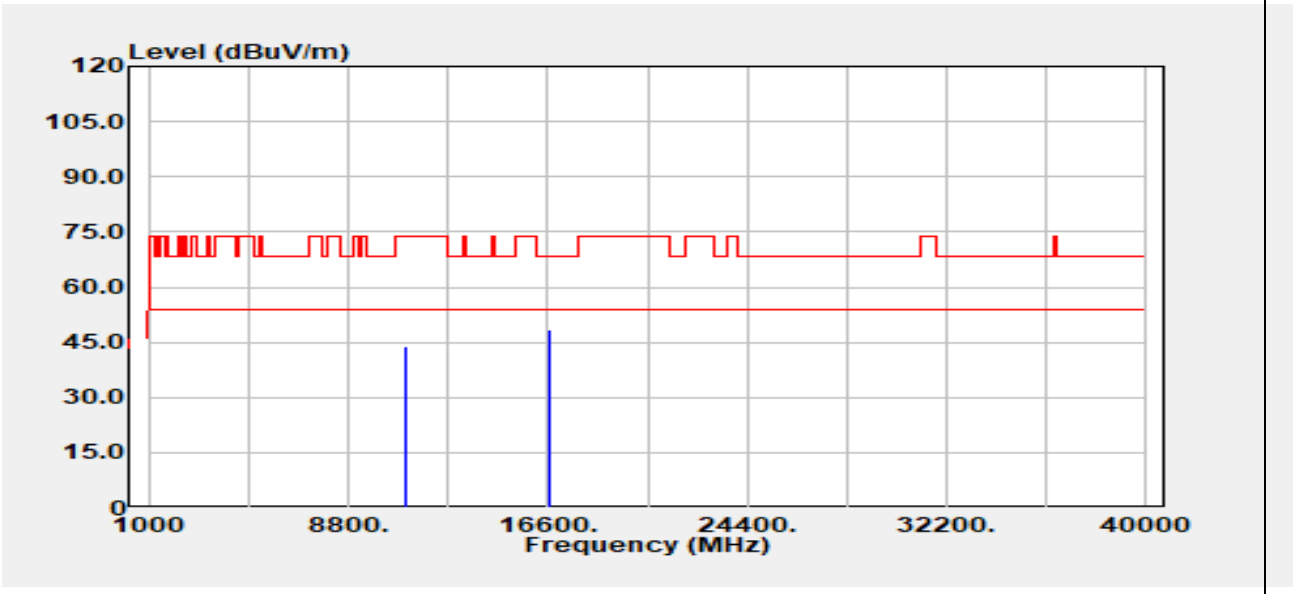
Test Mode	Mode 1 IEEE 802.11n HT40 / 5550 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11100.00	Peak	31.15	12.60	43.75	74.00	-30.25
11100.00	Average	23.16	12.60	35.76	54.00	-18.24
16650.00	Peak	28.41	19.99	48.39	68.20	-19.81
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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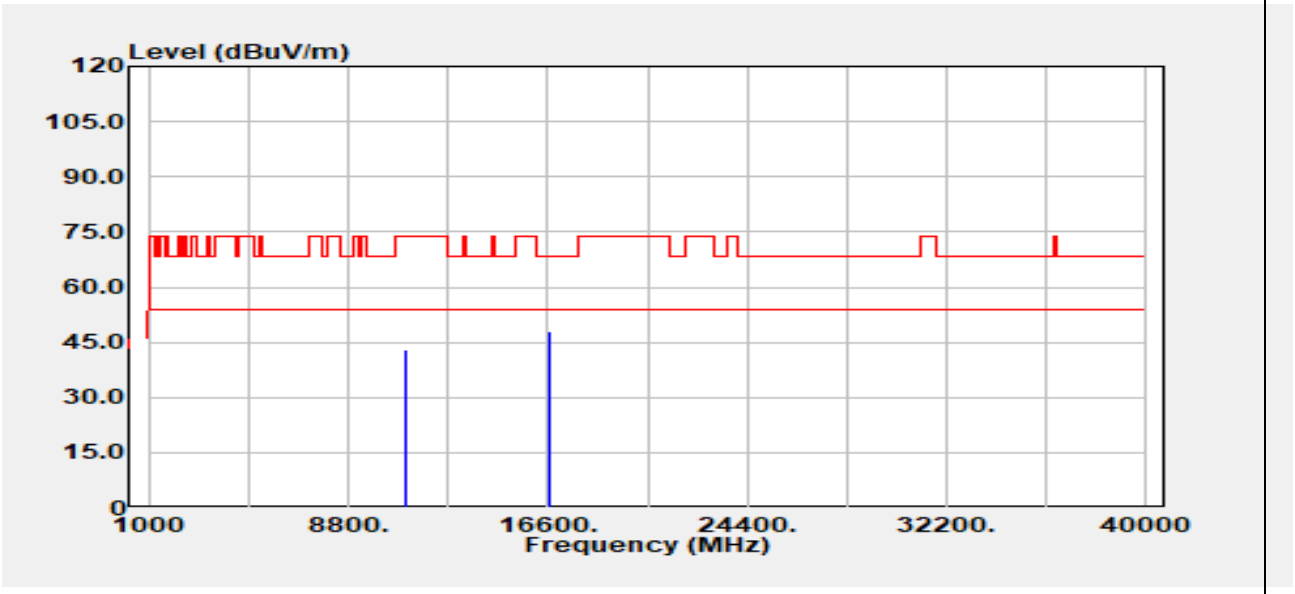
Test Mode	Mode 1 IEEE 802.11n HT40 / 5550 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11100.00	Peak	30.21	12.60	42.81	74.00	-31.19
11100.00	Average	23.51	12.60	36.11	54.00	-17.89
16650.00	Peak	28.09	19.99	48.08	68.20	-20.12
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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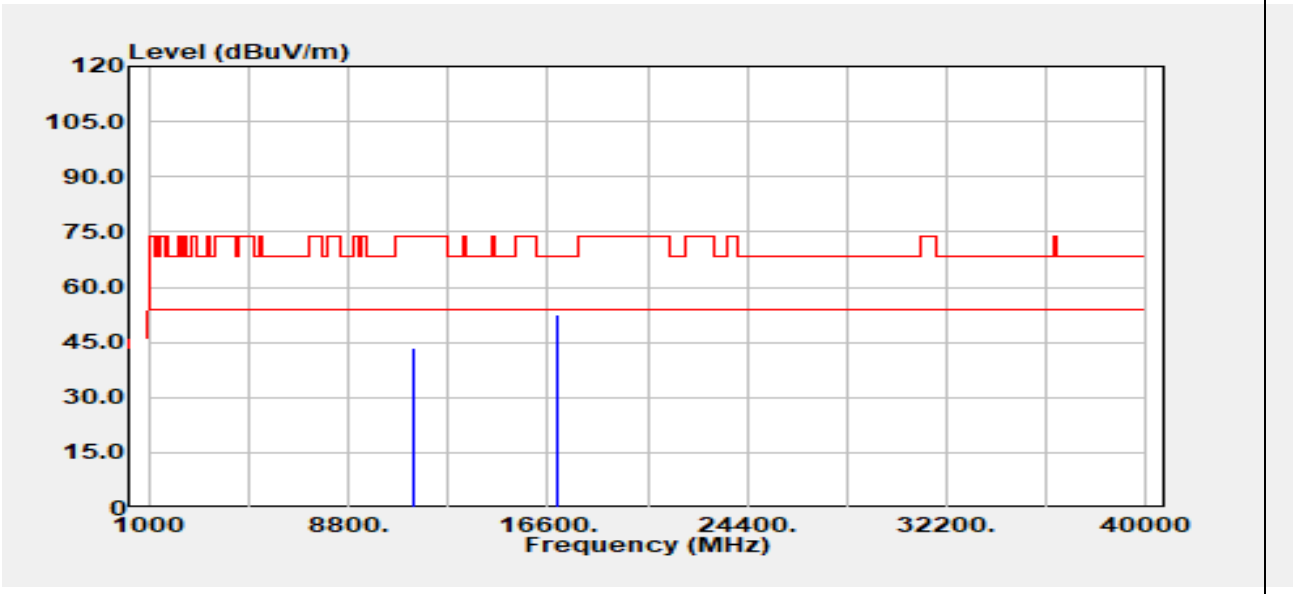
Test Mode	Mode 1 IEEE 802.11n HT40 / 5670 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11340.00	Peak	30.77	12.55	43.33	74.00	-30.67
11340.00	Average	23.10	12.55	35.65	54.00	-18.35
17010.00	Peak	27.20	25.32	52.52	68.20	-15.68
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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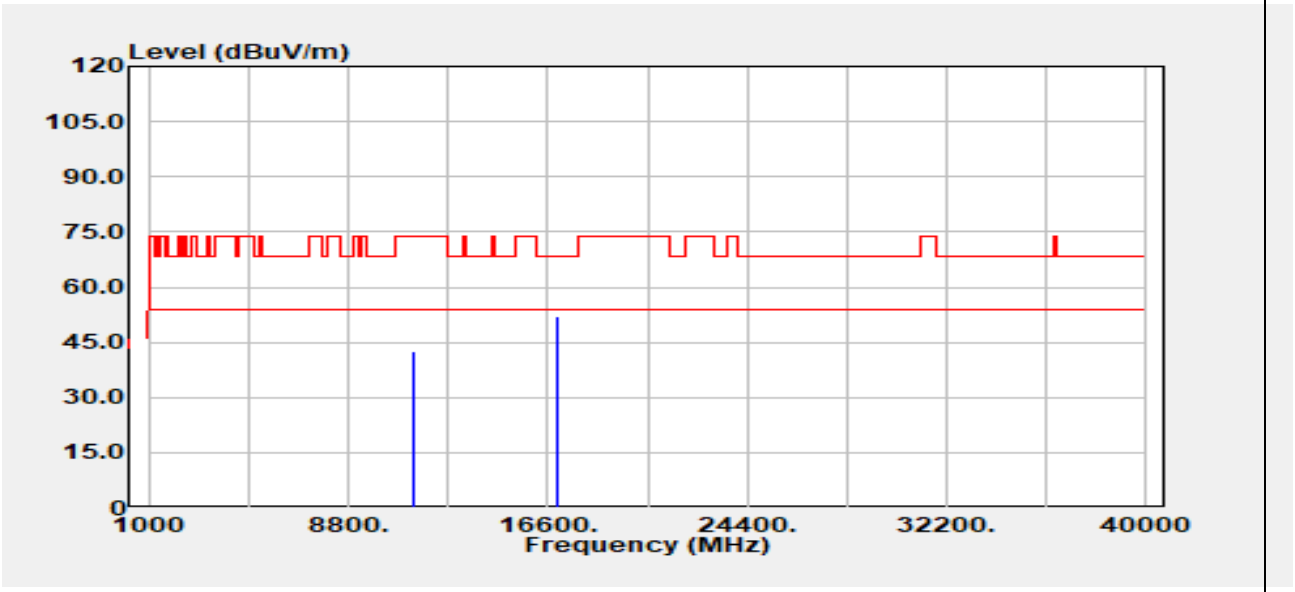
Test Mode	Mode 1 IEEE 802.11n HT40 / 5670 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11340.00	Peak	30.11	12.55	42.66	74.00	-31.34
11340.00	Average	23.05	12.55	35.60	54.00	-18.40
17010.00	Peak	26.95	25.32	52.27	68.20	-15.93
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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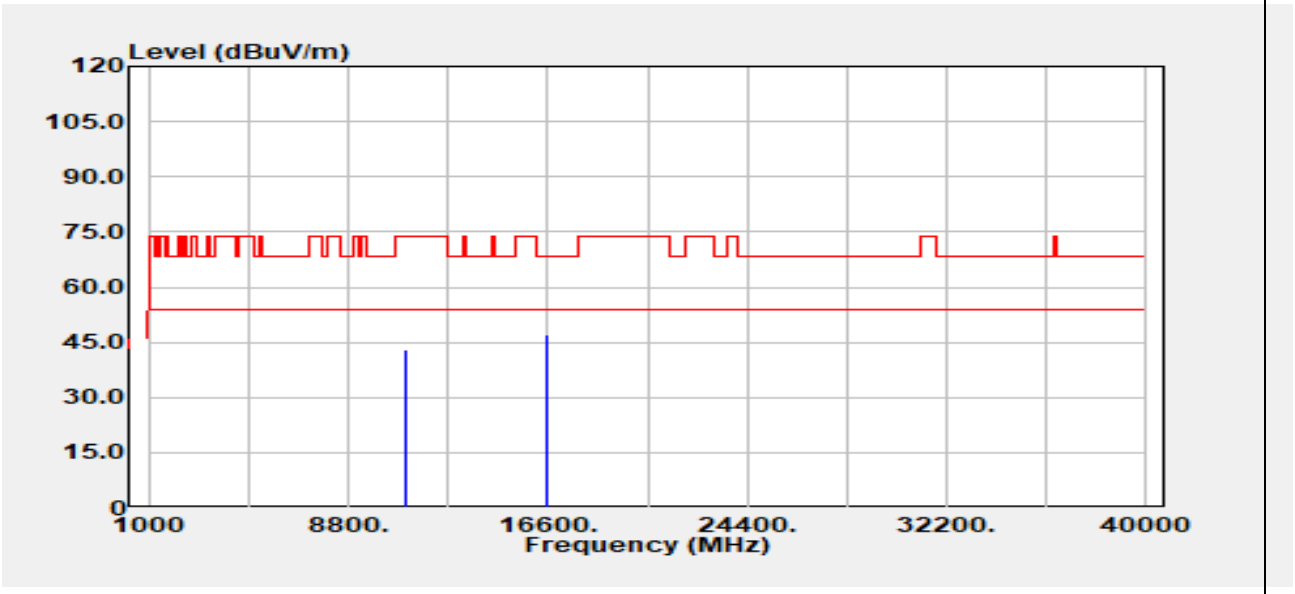
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11060.00	Peak	30.54	12.40	42.94	74.00	-31.06
11060.00	Average	23.67	12.40	36.07	54.00	-17.93
16590.00	Peak	27.79	19.22	47.01	68.20	-21.19
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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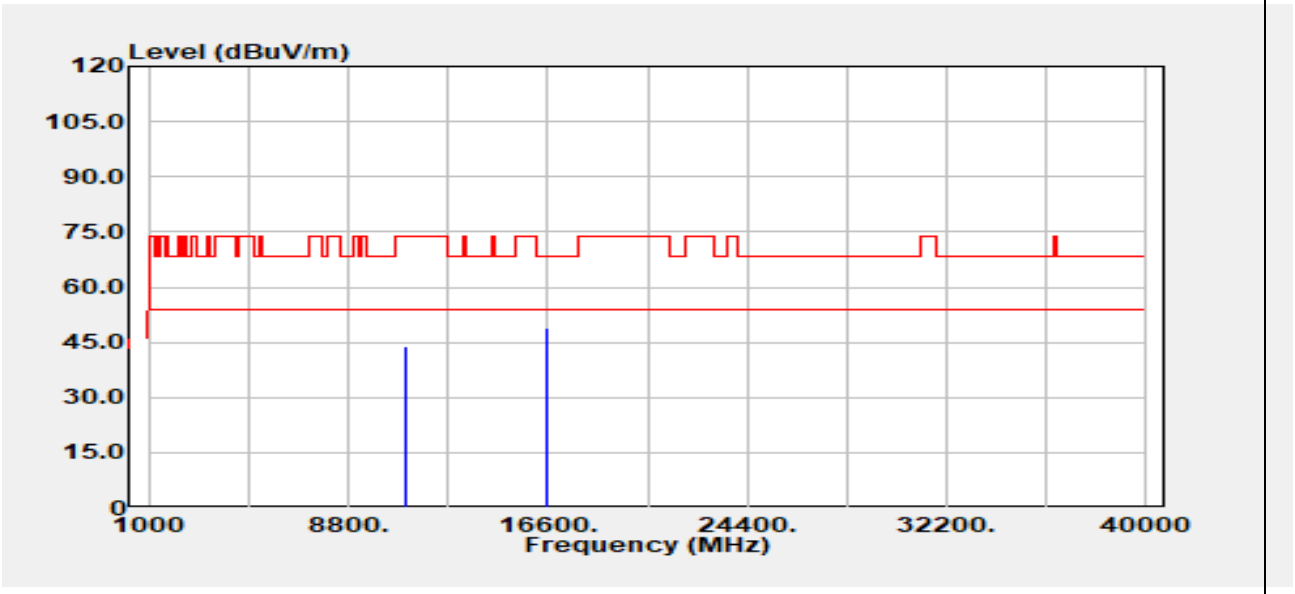
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11060.00	Peak	31.52	12.40	43.92	74.00	-30.08
11060.00	Average	23.66	12.40	36.05	54.00	-17.95
16590.00	Peak	29.62	19.22	48.84	68.20	-19.36
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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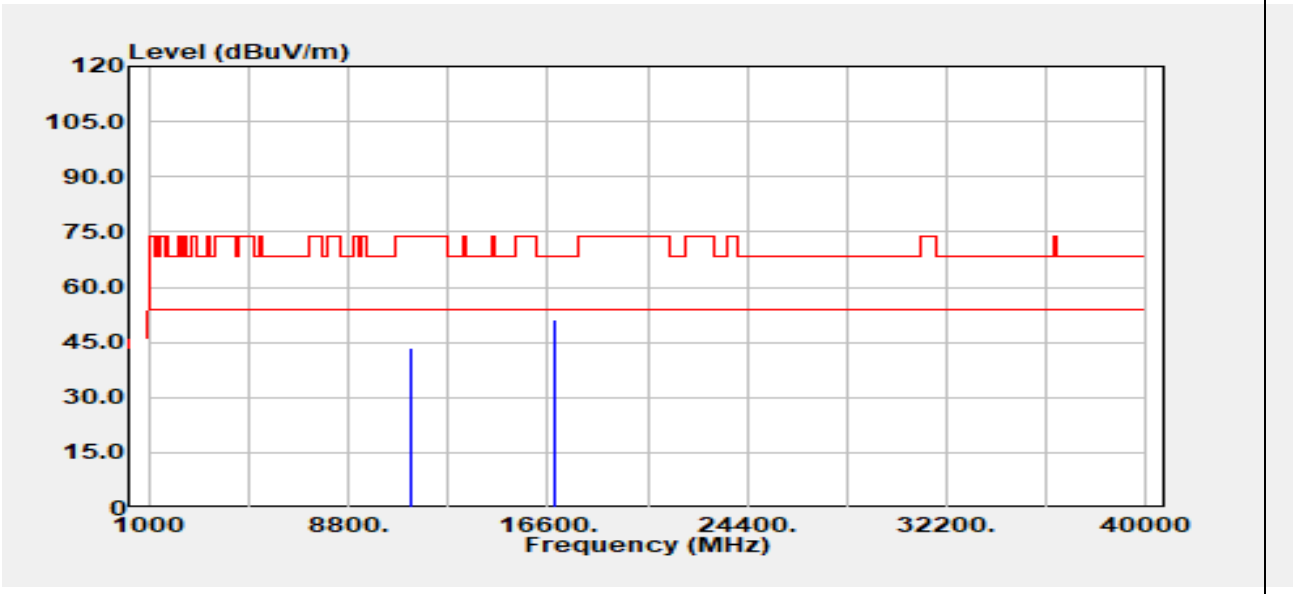
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5610 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11220.00	Peak	30.79	12.60	43.40	74.00	-30.60
11220.00	Average	23.56	12.60	36.16	54.00	-17.84
16830.00	Peak	28.94	22.01	50.95	68.20	-17.25
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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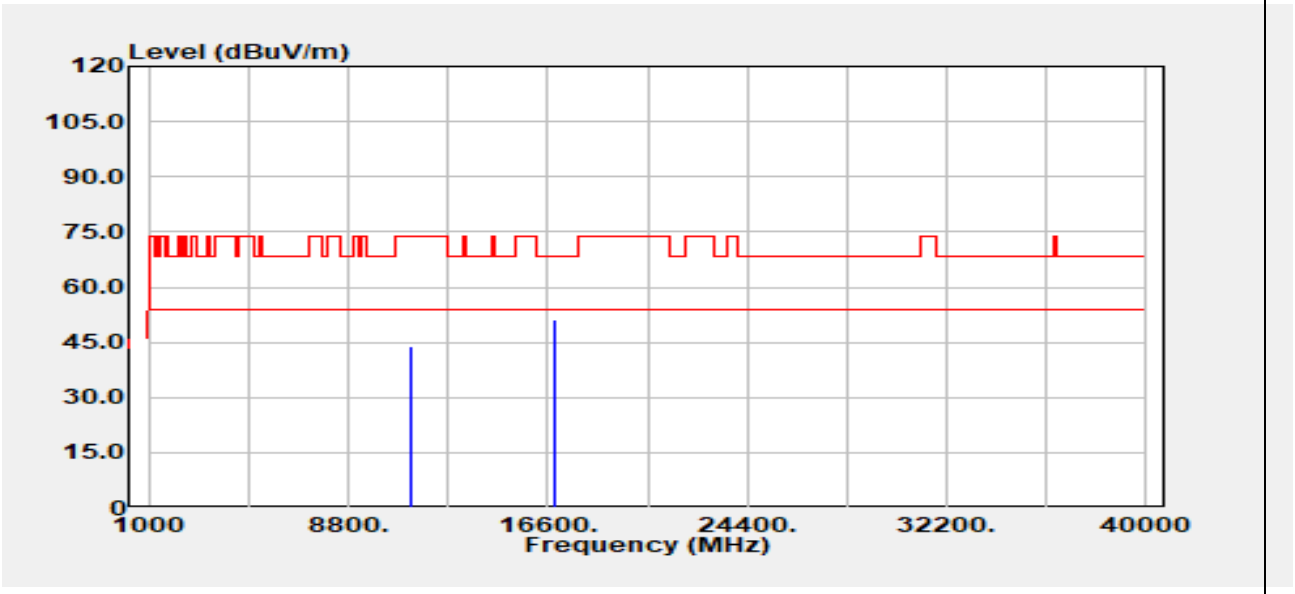
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5610 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11220.00	Peak	31.29	12.60	43.90	74.00	-30.10
11220.00	Average	23.46	12.60	36.06	54.00	-17.94
16830.00	Peak	29.36	22.01	51.37	68.20	-16.83
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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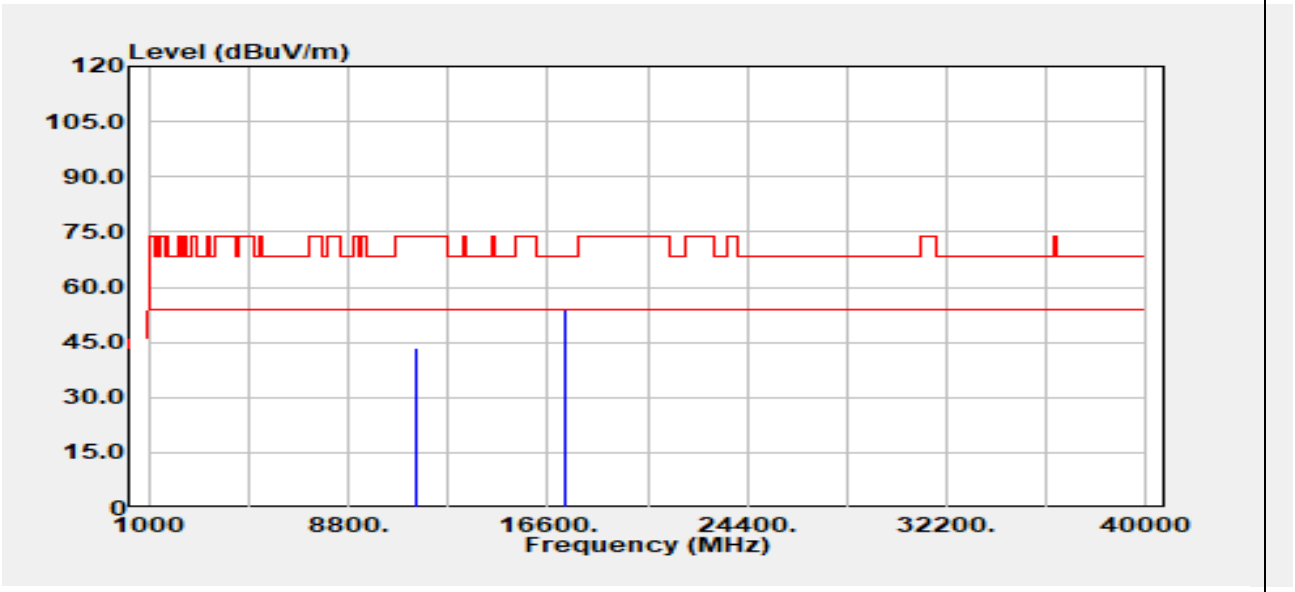
Test Data for UNII-3

Test Mode	Mode 1 IEEE 802.11a / 5745 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11490.00	Peak	31.11	12.39	43.50	74.00	-30.50
11490.00	Average	25.50	12.39	37.89	54.00	-16.11
17235.00	Peak	27.78	26.10	53.88	68.20	-14.32
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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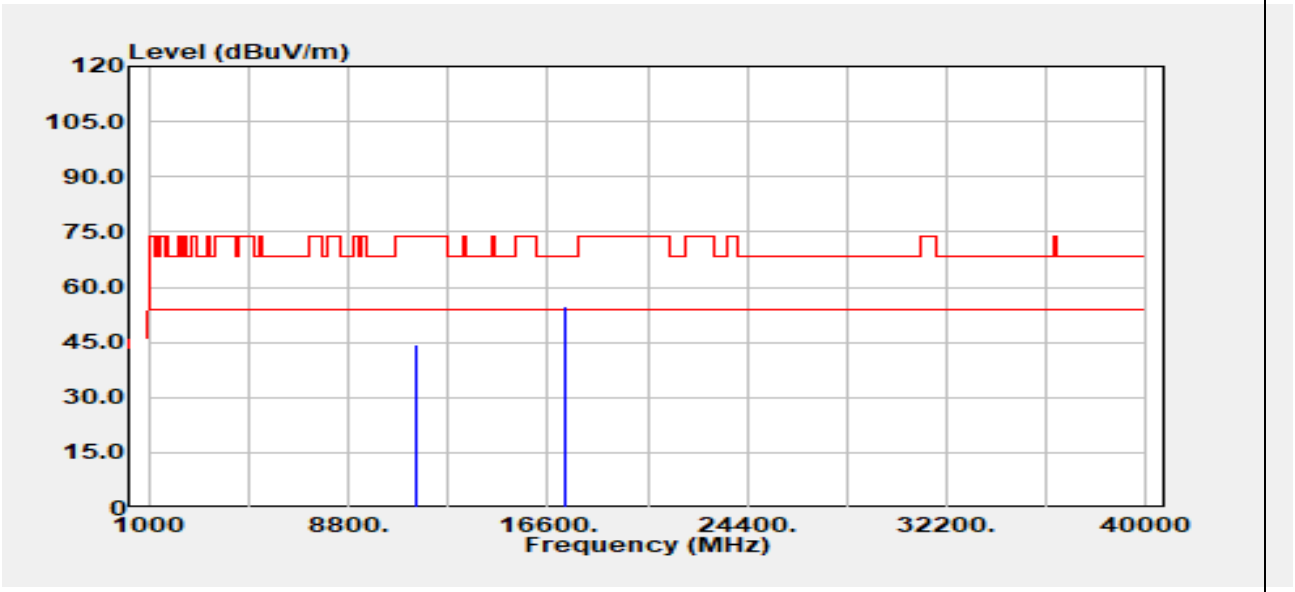
Test Mode	Mode 1 IEEE 802.11a / 5745 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11490.00	Peak	31.94	12.39	44.33	74.00	-29.67
11490.00	Average	25.33	12.39	37.72	54.00	-16.28
17235.00	Peak	28.54	26.10	54.64	68.20	-13.56
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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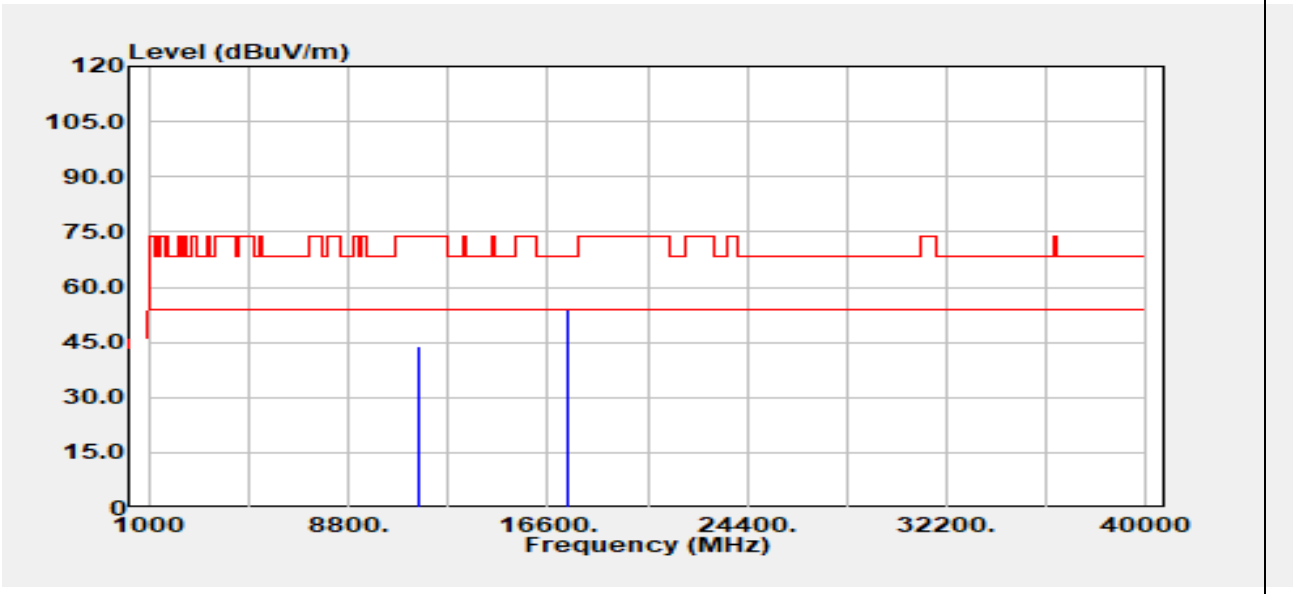
Test Mode	Mode 1 IEEE 802.11a / 5785 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonics	Test Date	June 13, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11570.00	Peak	31.61	12.49	44.10	74.00	-29.90
11570.00	Average	25.28	12.49	37.77	54.00	-16.23
17355.00	Peak	28.60	25.47	54.07	68.20	-14.13
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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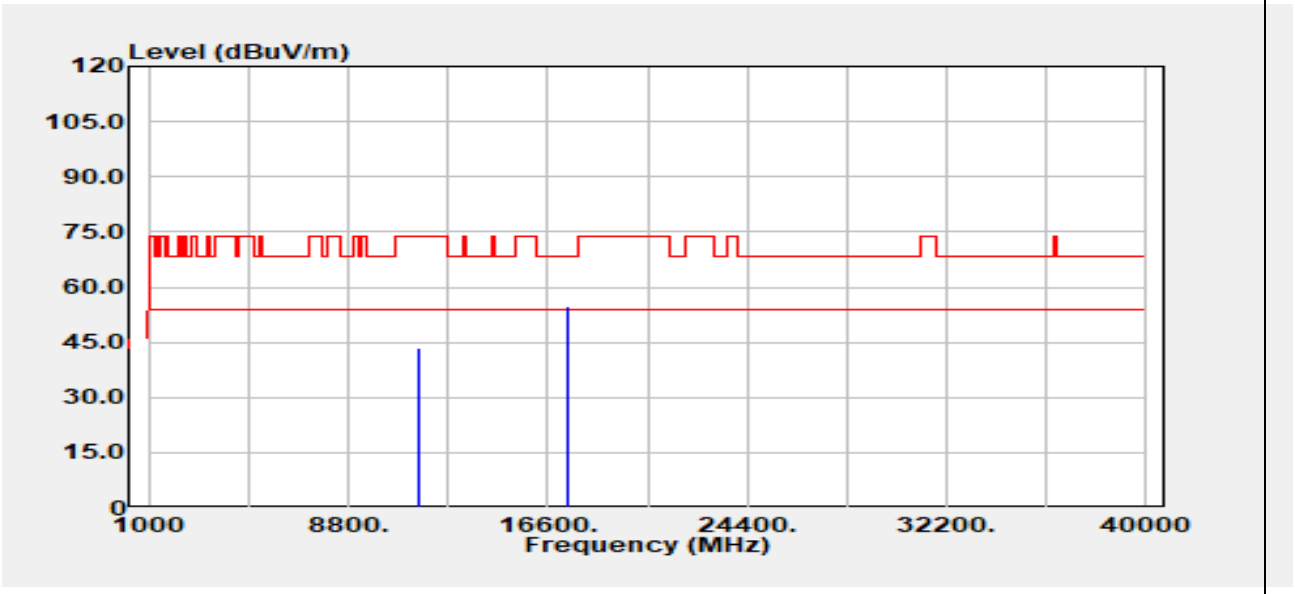
Test Mode	Mode 1 IEEE 802.11a / 5785 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11570.00	Peak	31.20	12.49	43.69	74.00	-30.31
11570.00	Average	25.40	12.49	37.89	54.00	-16.11
17355.00	Peak	29.41	25.47	54.88	68.20	-13.32
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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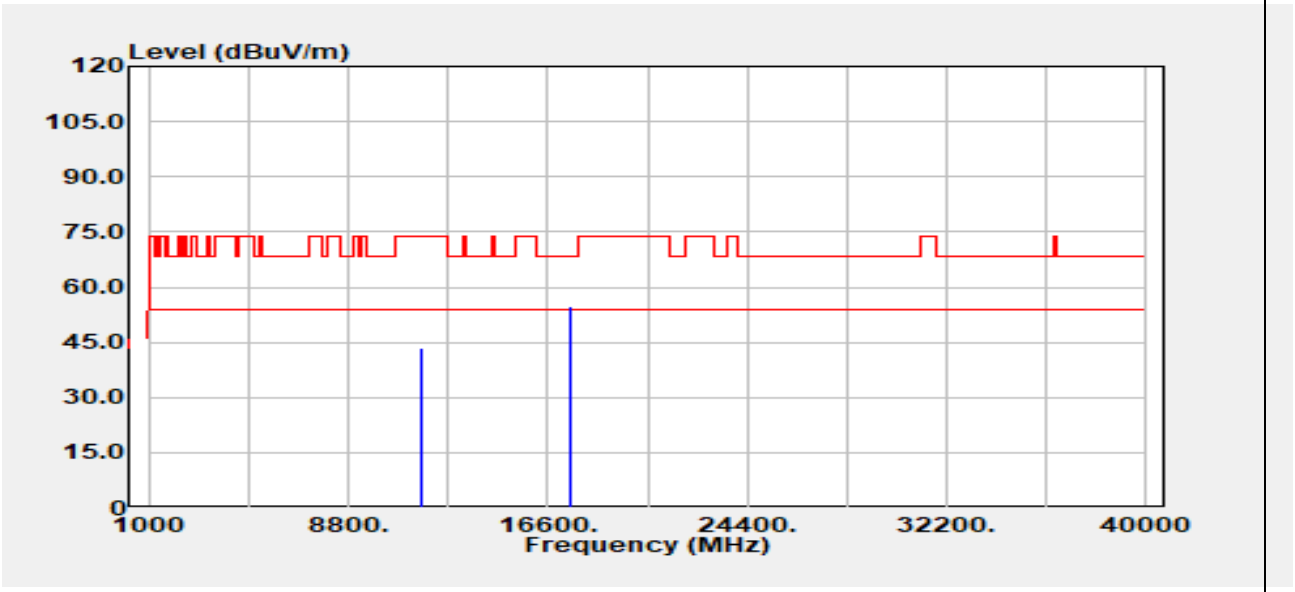
Test Mode	Mode 1 IEEE 802.11a / 5825 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11650.00	Peak	31.04	12.43	43.46	74.00	-30.54
11650.00	Average	25.39	12.43	37.81	54.00	-16.19
17475.00	Peak	29.67	25.06	54.73	68.20	-13.47
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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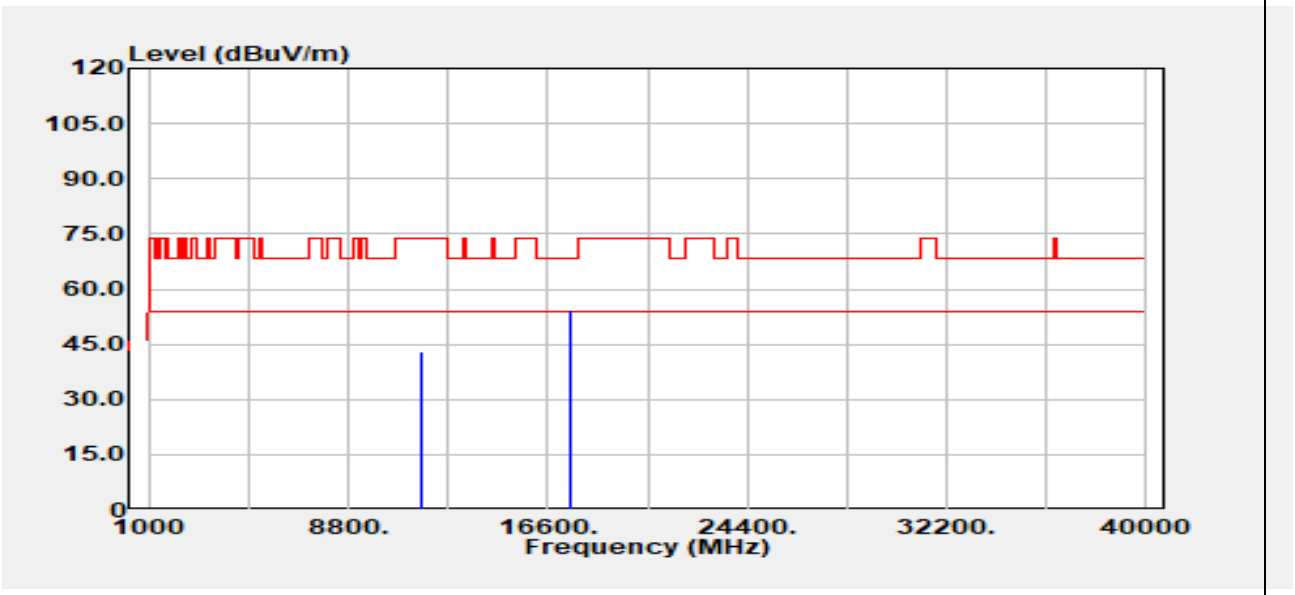
Test Mode	Mode 1 IEEE 802.11a / 5825 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 13, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11650.00	Peak	30.64	12.43	43.06	74.00	-30.94
11650.00	Average	25.55	12.43	37.98	54.00	-16.02
17475.00	Peak	29.46	25.06	54.52	68.20	-13.68
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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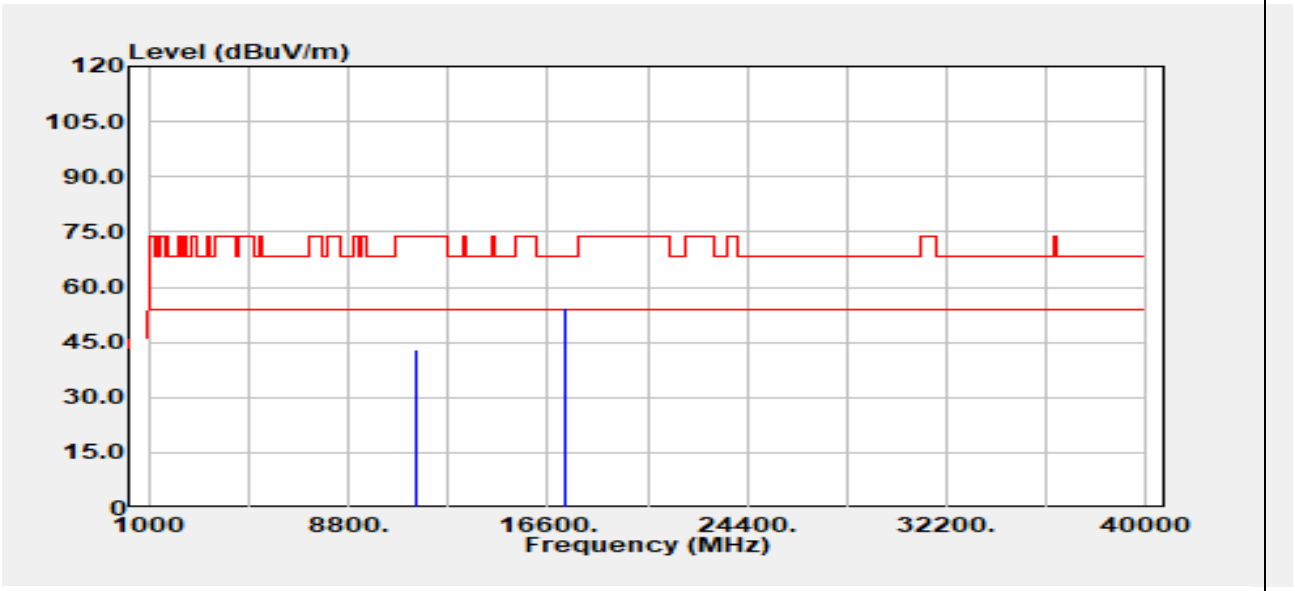
Test Mode	Mode 1 IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11490.00	Peak	30.53	12.39	42.92	74.00	-31.08
11490.00	Average	25.19	12.39	37.58	54.00	-16.42
17235.00	Peak	28.10	26.10	54.21	68.20	-13.99
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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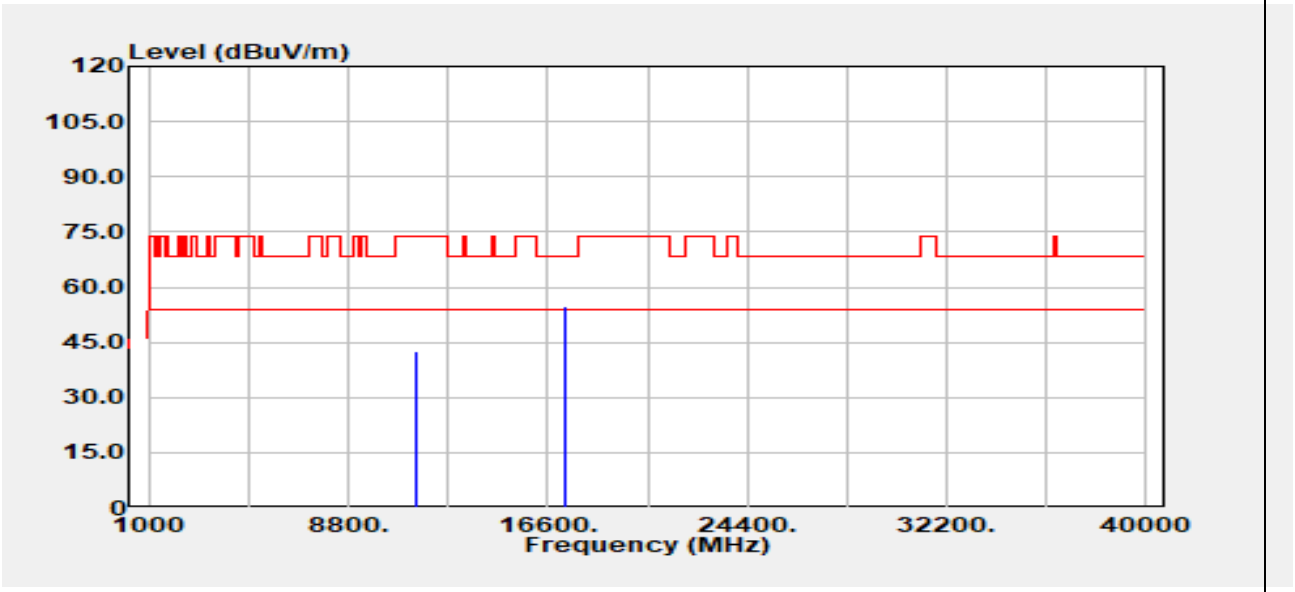
Test Mode	Mode 1 IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11490.00	Peak	30.38	12.39	42.77	74.00	-31.23
11490.00	Average	24.65	12.39	37.04	54.00	-16.96
17235.00	Peak	28.62	26.10	54.72	68.20	-13.48
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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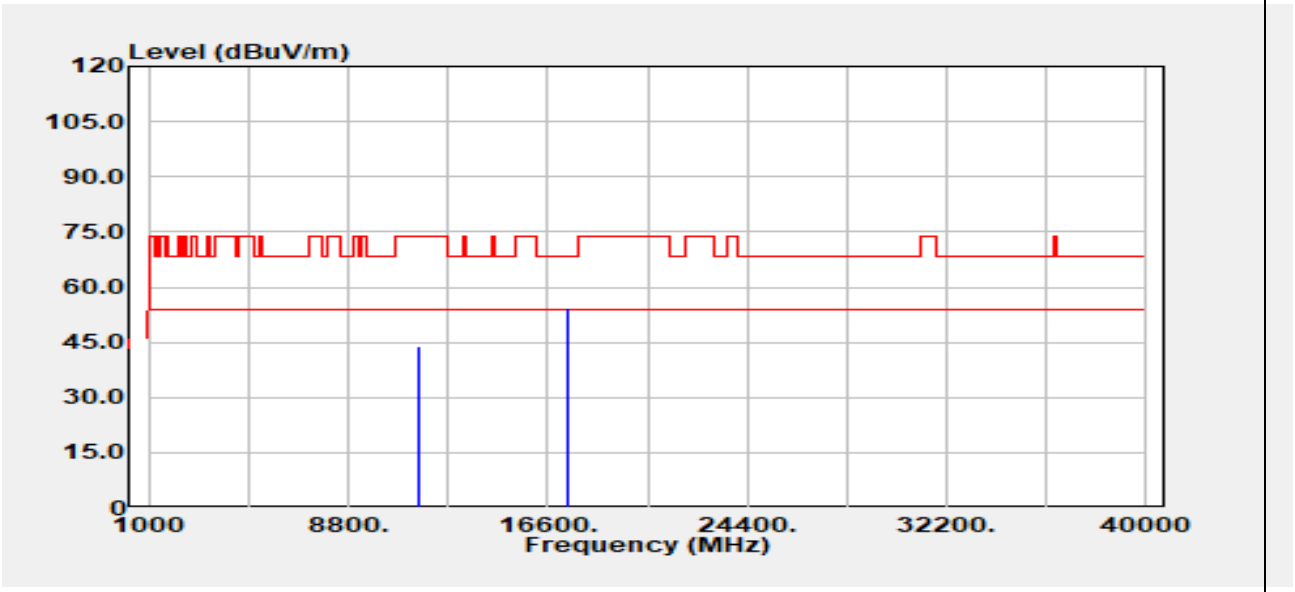
Test Mode	Mode 1 IEEE 802.11n HT20 / 5785 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11570.00	Peak	31.56	12.49	44.06	74.00	-29.94
11570.00	Average	24.94	12.49	37.43	54.00	-16.57
17355.00	Peak	28.87	25.47	54.34	68.20	-13.86
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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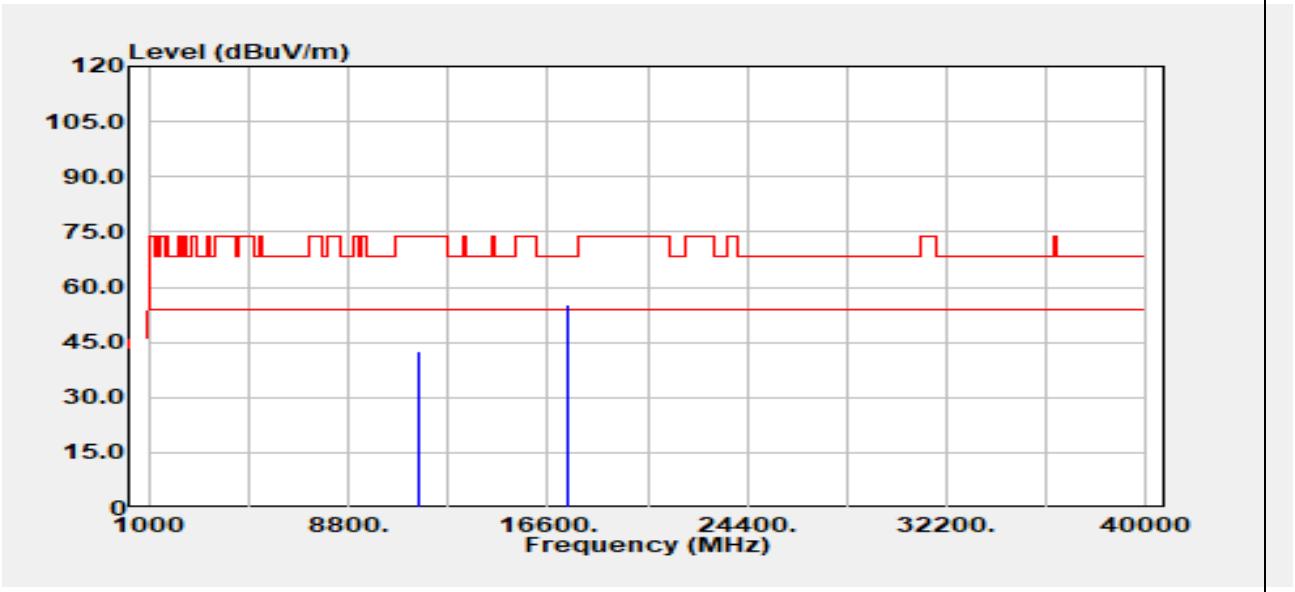
Test Mode	Mode 1 IEEE 802.11n HT20 / 5785 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11570.00	Peak	30.21	12.49	42.70	74.00	-31.30
11570.00	Average	24.62	12.49	37.11	54.00	-16.89
17355.00	Peak	29.74	25.47	55.21	68.20	-12.99
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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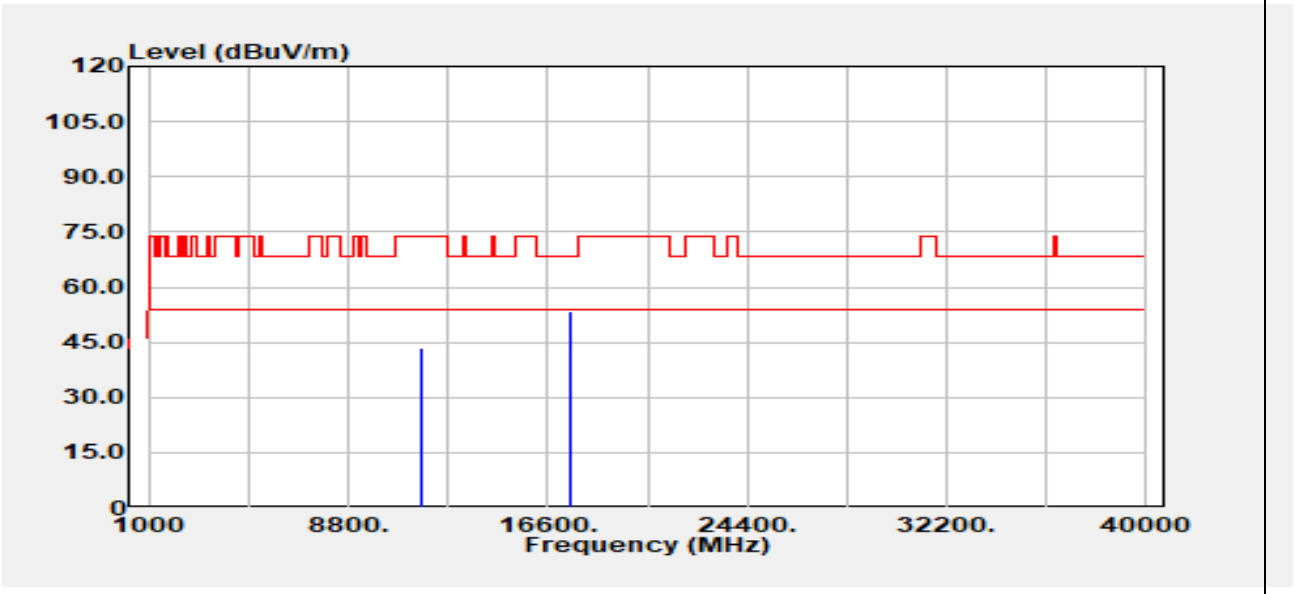
Test Mode	Mode 1 IEEE 802.11n HT20 / 5825 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11650.00	Peak	31.04	12.43	43.46	74.00	-30.54
11650.00	Average	25.73	12.43	38.16	54.00	-15.84
17475.00	Peak	28.58	25.06	53.64	68.20	-14.56
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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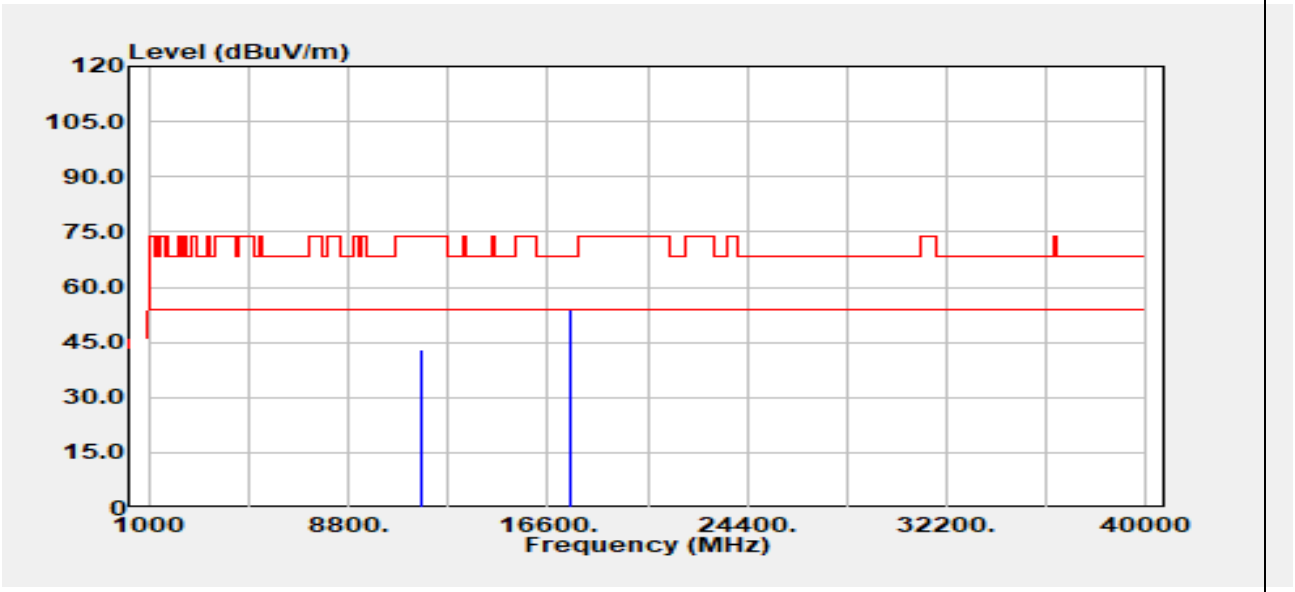
Test Mode	Mode 1 IEEE 802.11n HT20 / 5825 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11650.00	Peak	30.72	12.43	43.15	74.00	-30.85
11650.00	Average	24.82	12.43	37.24	54.00	-16.76
17475.00	Peak	28.71	25.06	53.77	68.20	-14.43
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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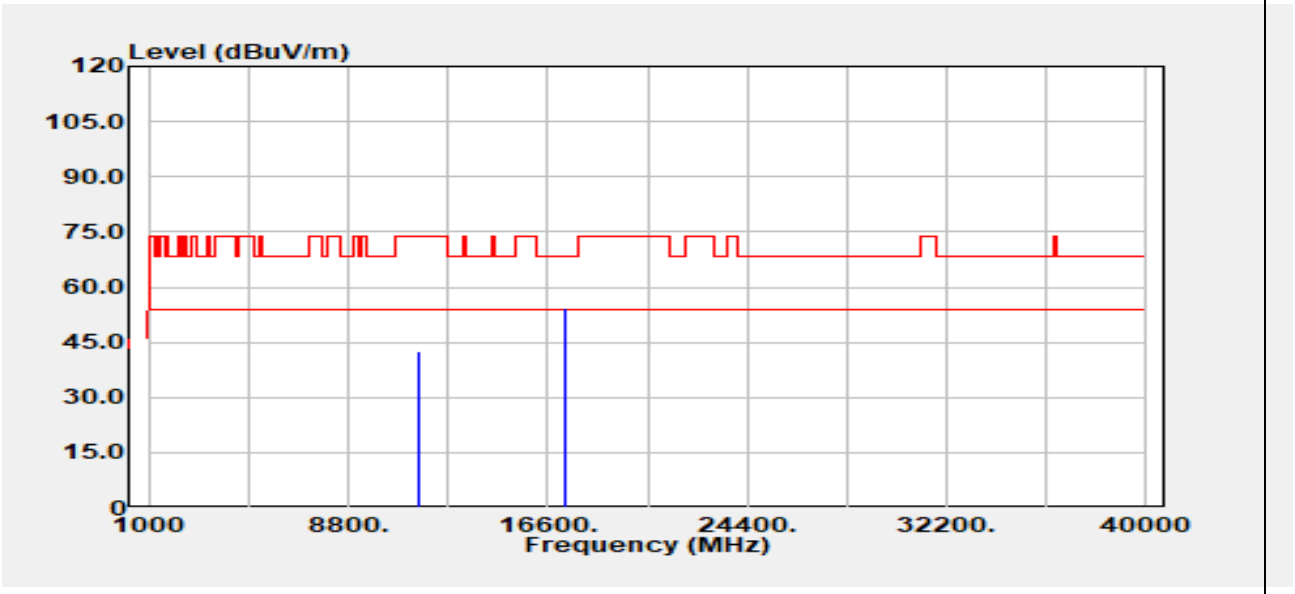
Test Mode	Mode 1 IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11510.00	Peak	30.18	12.43	42.61	74.00	-31.39
11510.00	Average	23.68	12.43	36.10	54.00	-17.90
17265.00	Peak	28.24	26.14	54.38	68.20	-13.82
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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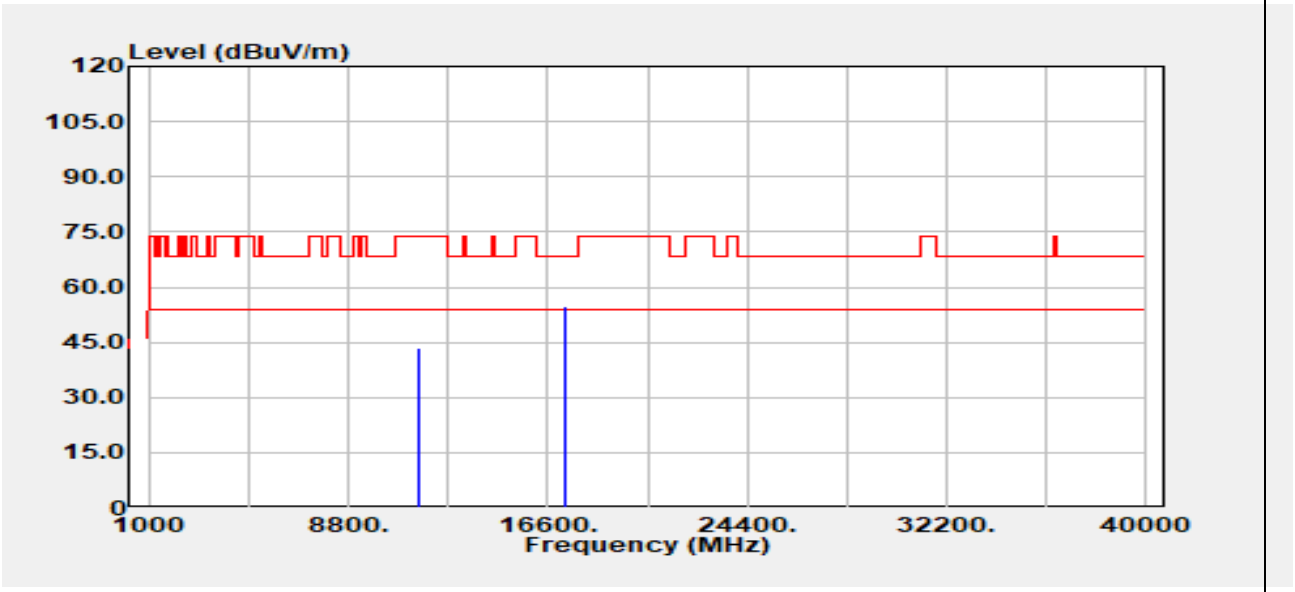
Test Mode	Mode 1 IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11510.00	Peak	30.87	12.43	43.30	74.00	-30.70
11510.00	Average	23.05	12.43	35.48	54.00	-18.52
17265.00	Peak	28.54	26.14	54.68	68.20	-13.52
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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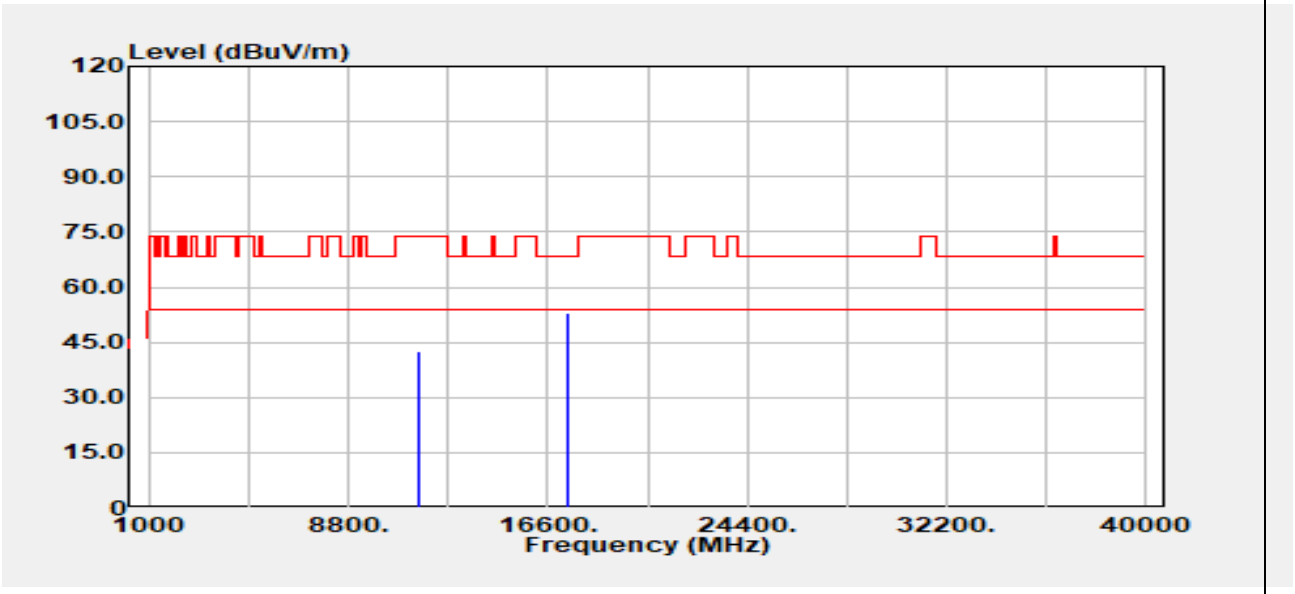
Test Mode	Mode 1 IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11590.00	Peak	29.91	12.48	42.39	74.00	-31.61
11590.00	Average	23.97	12.48	36.45	54.00	-17.55
17385.00	Peak	27.92	25.27	53.19	68.20	-15.01
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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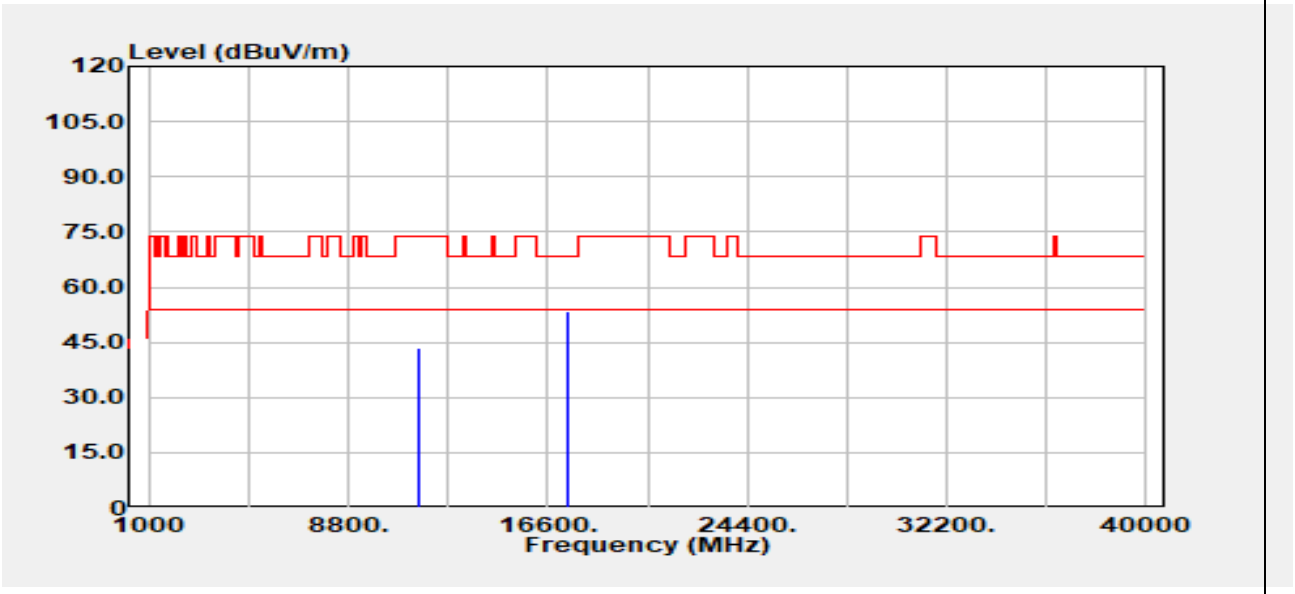
Test Mode	Mode 1 IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11590.00	Peak	30.88	12.48	43.35	74.00	-30.65
11590.00	Average	23.04	12.48	35.51	54.00	-18.49
17385.00	Peak	28.26	25.27	53.53	68.20	-14.67
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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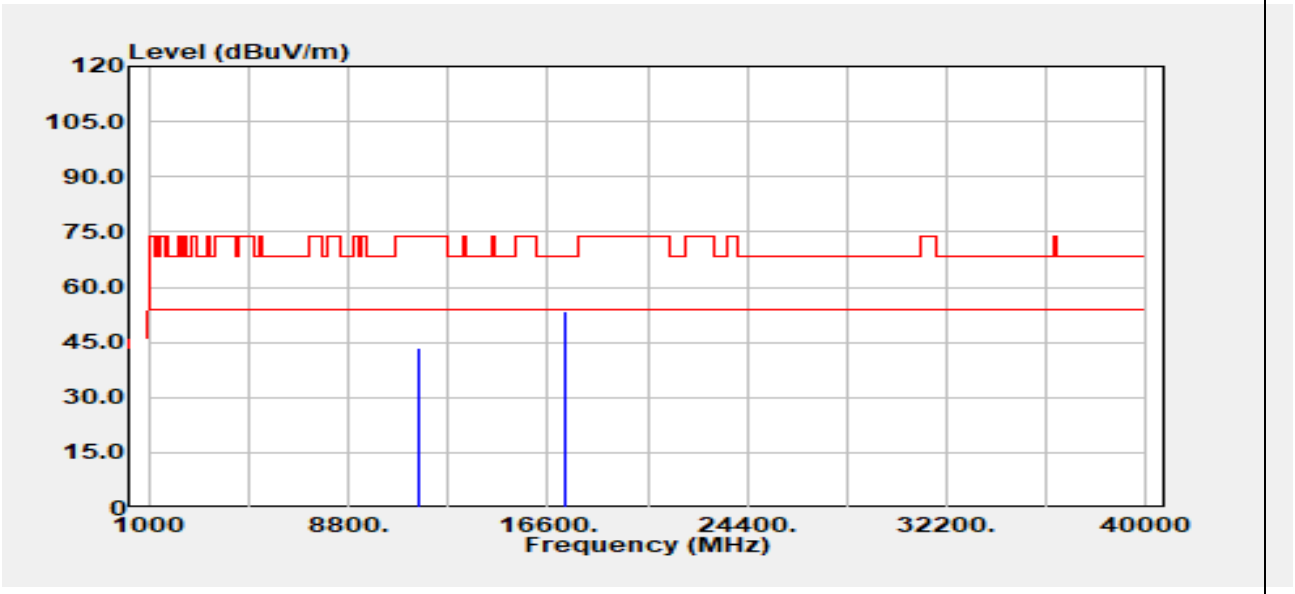
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11550.00	Peak	30.75	12.51	43.25	74.00	-30.75
11550.00	Average	23.30	12.51	35.81	54.00	-18.19
17325.00	Peak	27.48	25.79	53.27	68.20	-14.93
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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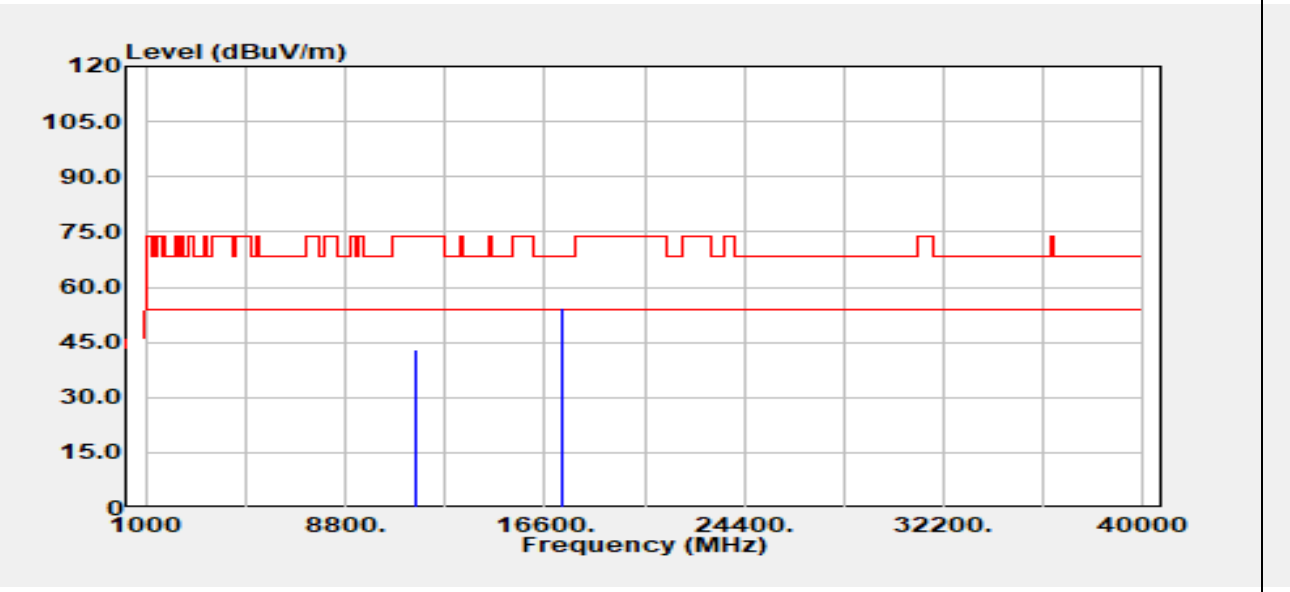
Test Mode	Mode 1 IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	24.3(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 14, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11550.00	Peak	30.55	12.51	43.06	74.00	-30.94
11550.00	Average	23.44	12.51	35.94	54.00	-18.06
17325.00	Peak	28.44	25.79	54.23	68.20	-13.97
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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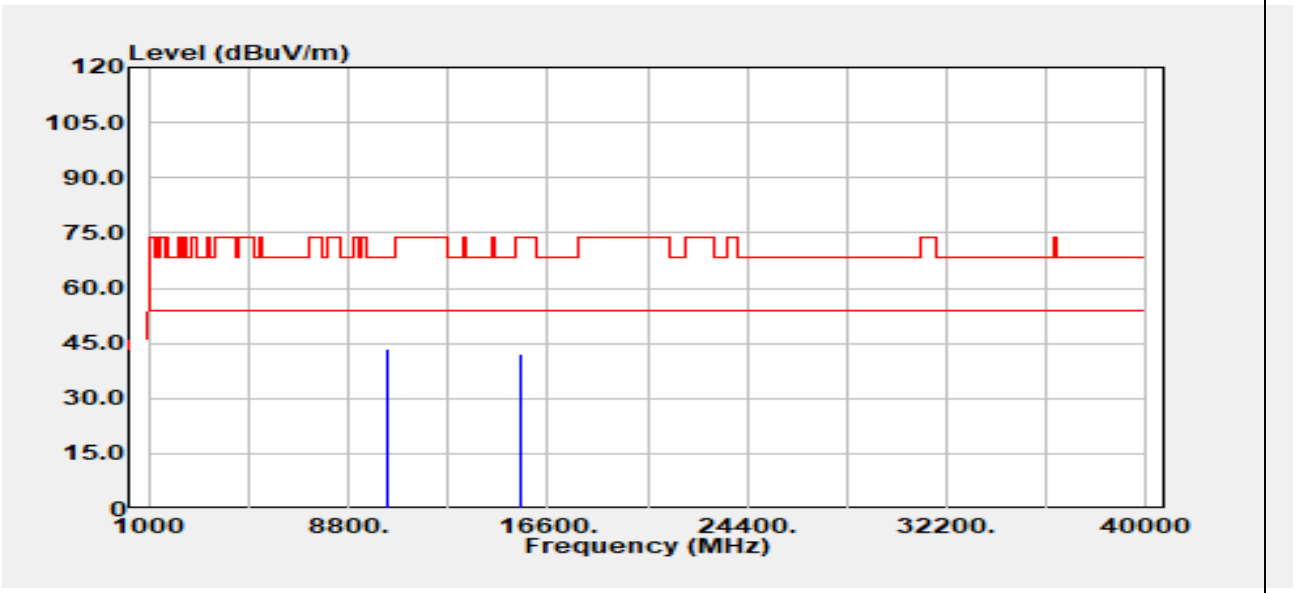
Test Data for UNII-1

Test Mode	Mode 2 IEEE 802.11a / 5180 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10360.000	Peak	32.14	11.26	43.41	68.20	-24.79
15540.000	Peak	29.64	12.38	42.02	74.00	-31.98
15540.000	Average	23.61	12.38	35.99	54.00	-18.01
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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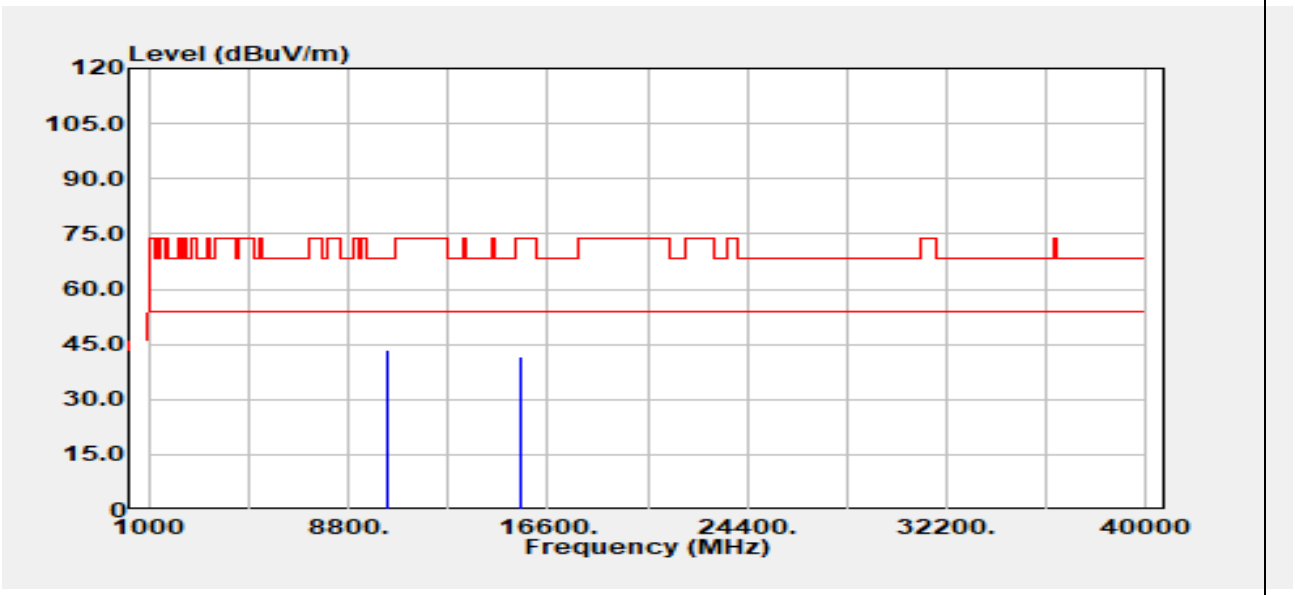
Test Mode	Mode 2 IEEE 802.11a / 5180 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10360.000	Peak	31.99	11.26	43.25	68.20	-24.95
15540.000	Peak	29.43	12.38	41.81	74.00	-32.19
15540.000	Average	23.85	12.38	36.22	54.00	-17.78
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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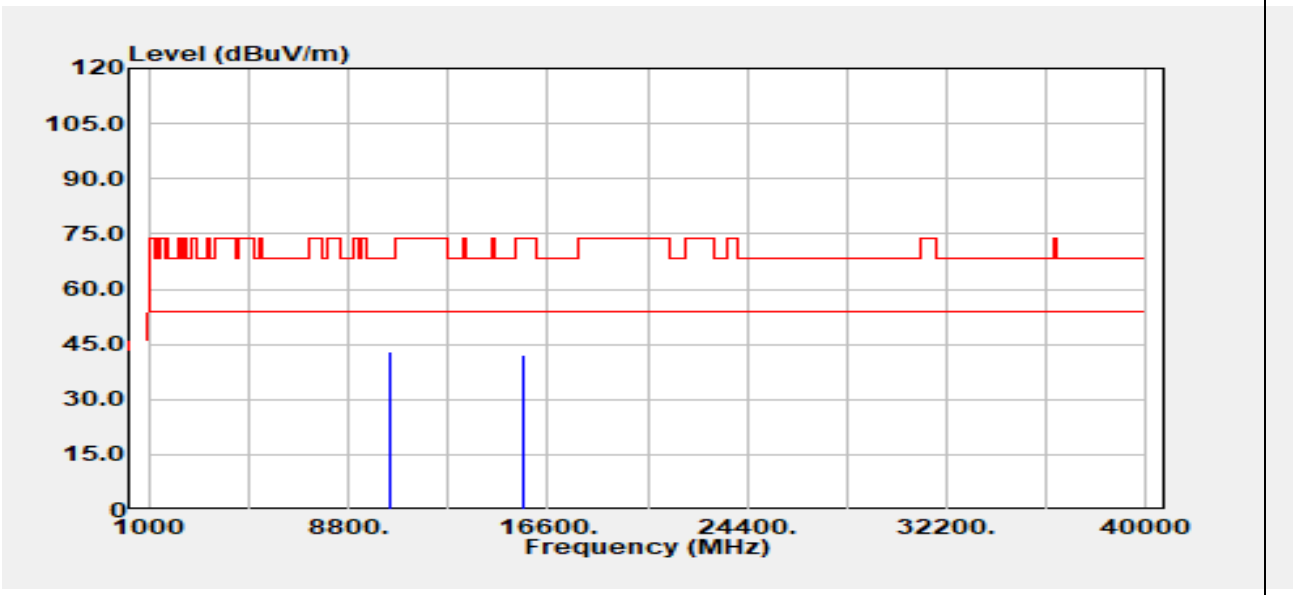
Test Mode	Mode 2 IEEE 802.11a / 5220 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonics	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10440.000	Peak	31.97	11.25	43.22	68.20	-24.98
15660.000	Peak	28.64	13.53	42.16	74.00	-31.84
15660.000	Average	23.84	13.53	37.37	54.00	-16.63
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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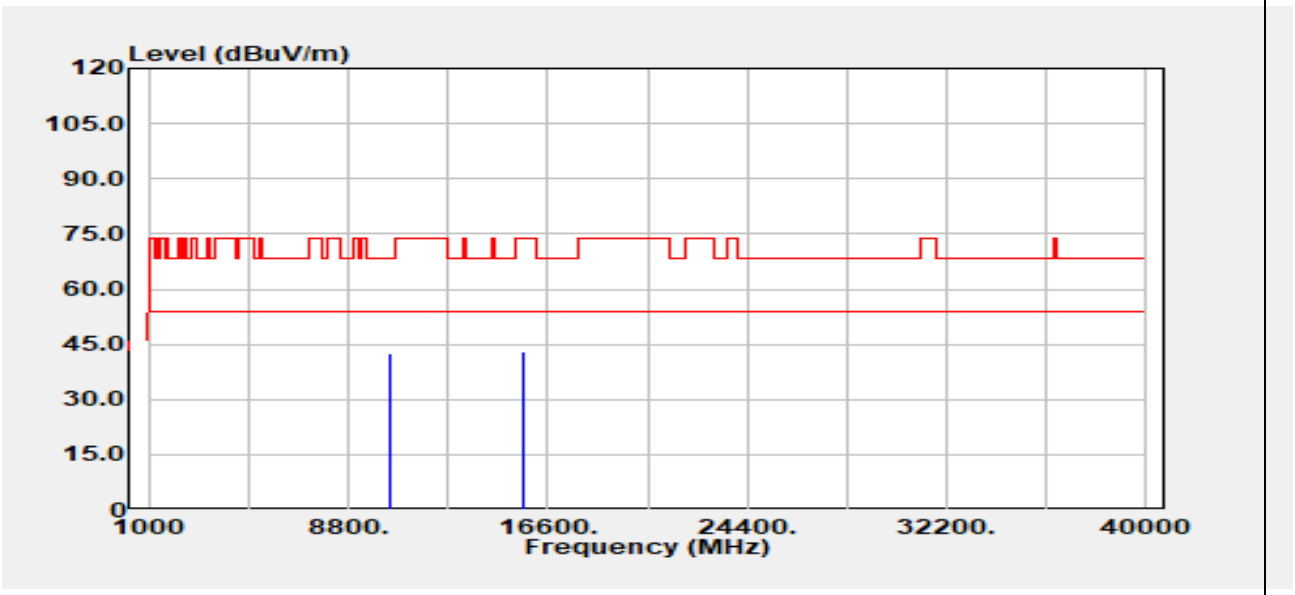
Test Mode	Mode 2 IEEE 802.11a / 5220 MHz	Temp/Hum	24.5(℃)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10440.000	Peak	31.26	11.25	42.51	68.20	-25.69
15660.000	Peak	29.32	13.53	42.85	74.00	-31.15
15660.000	Average	23.66	13.53	37.19	54.00	-16.81
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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