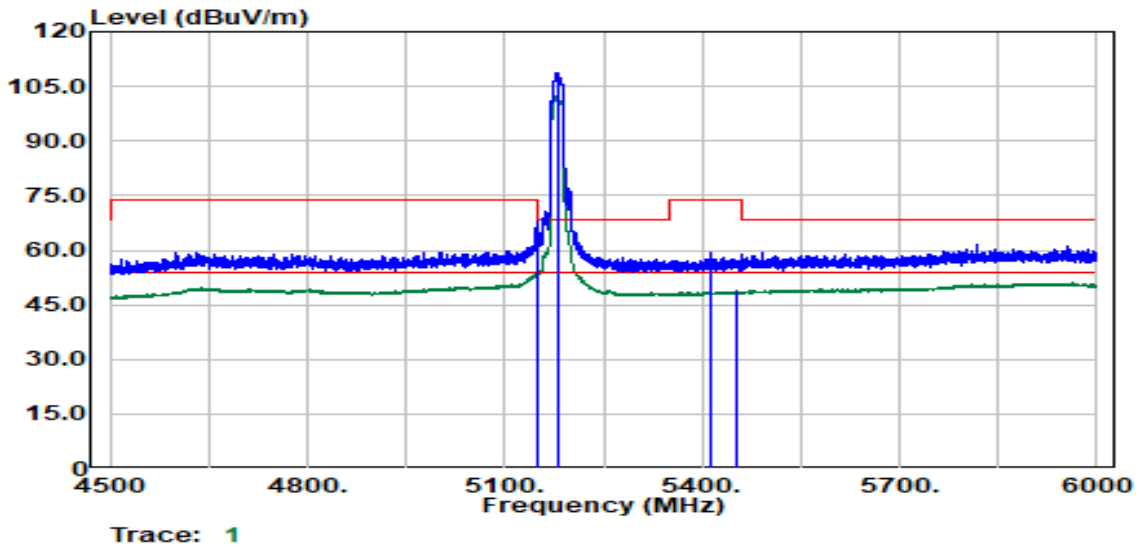


### 4.5.4 Test Result

**Band Edge Test Data:**

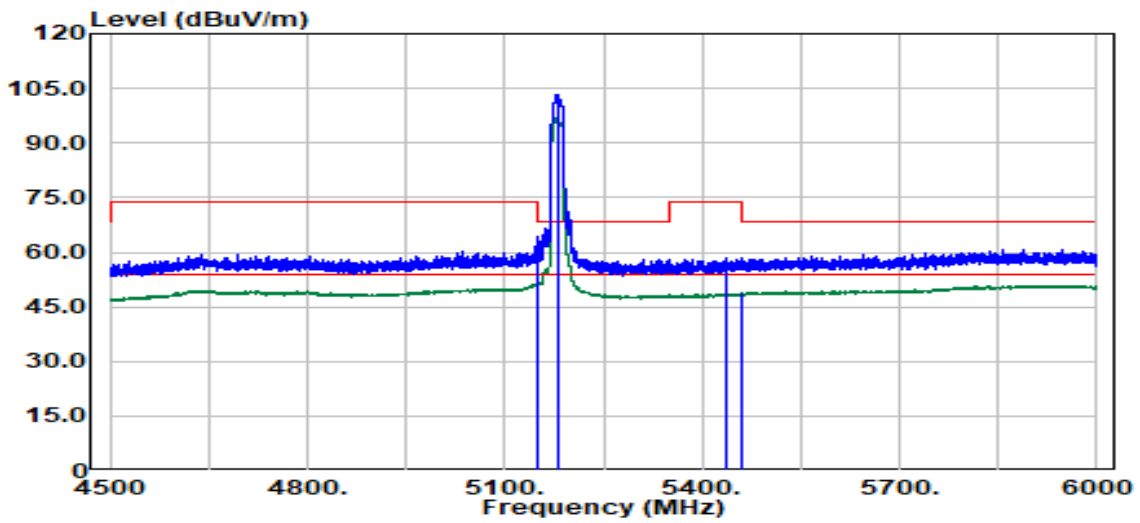
**Test Data for UNII-1**

Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
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)
5148.11	Peak	56.93	10.89	67.82	74.00	-6.18
5149.61	Average	42.52	10.89	53.42	54.00	-0.58
5180.00	Peak	98.00	10.81	108.80	--	--
5180.00	Average	91.70	10.81	102.50	--	--
5414.90	Peak	48.47	10.70	59.17	74.00	-14.83
5451.91	Average	37.88	10.85	48.73	54.00	-5.27

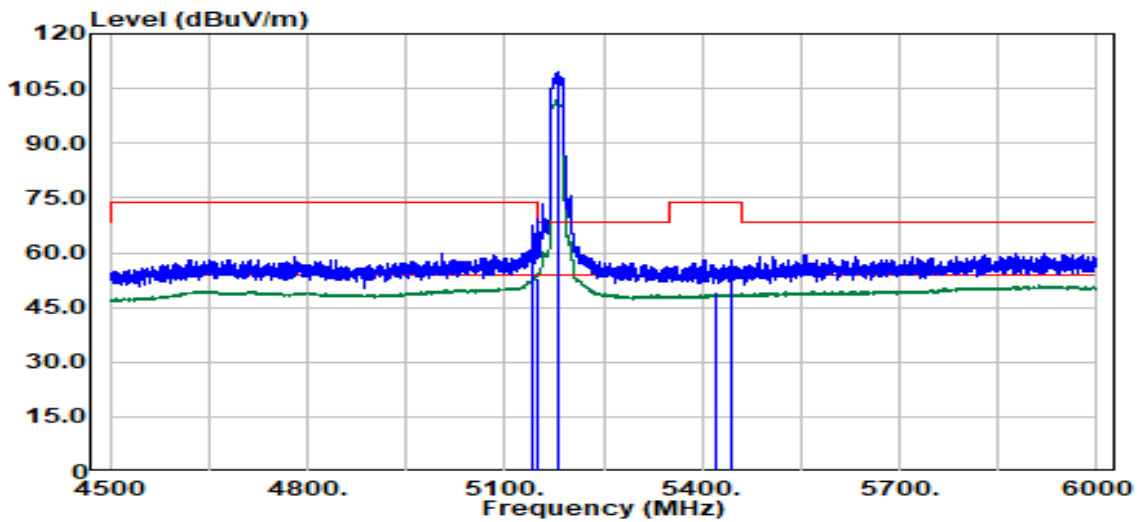
Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Trace: 1

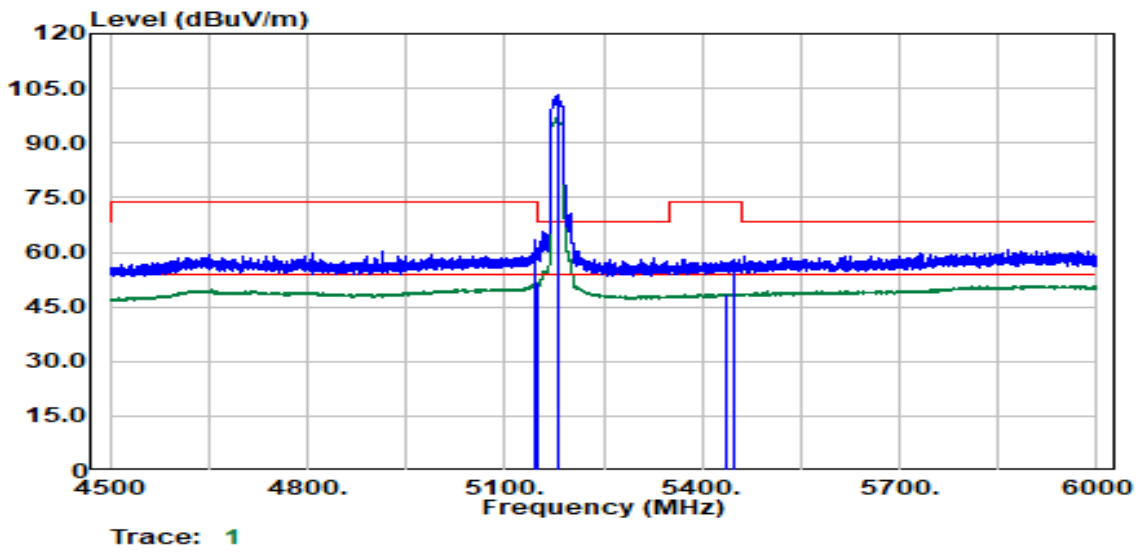
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5148.36	Average	40.39	10.89	51.28	54.00	-2.72
5148.86	Peak	53.19	10.89	64.08	74.00	-9.92
5180.00	Peak	92.35	10.81	103.15	--	--
5180.00	Average	86.26	10.81	97.06	--	--
5435.66	Peak	47.52	10.79	58.30	74.00	-15.70
5459.91	Average	37.92	10.86	48.78	54.00	-5.22

Test Mode	IEEE 802.11n HT20 / 5180 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



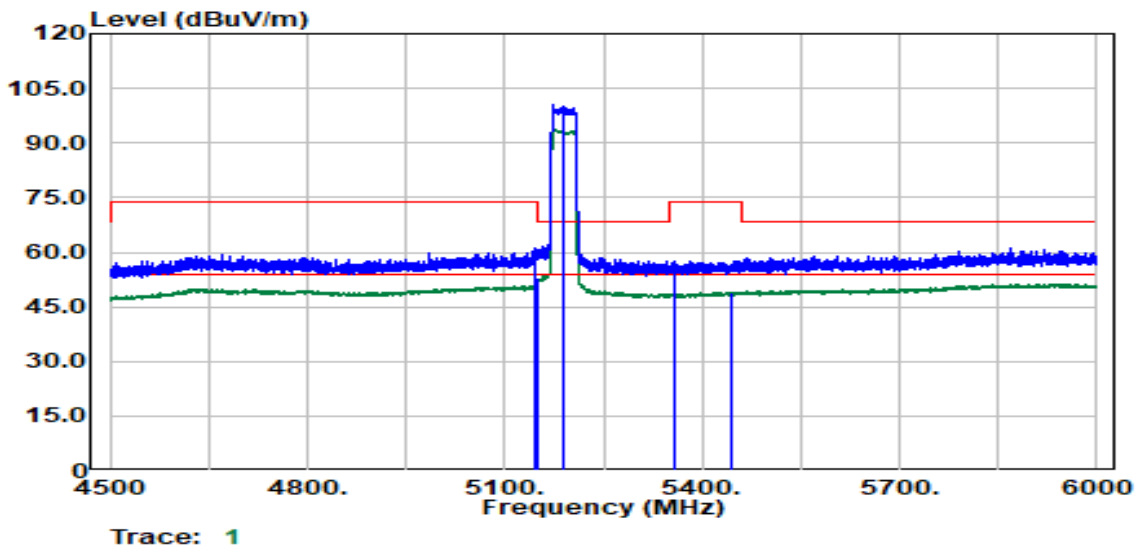
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5143.61	Peak	56.84	10.90	67.73	74.00	-6.27
5148.36	Average	42.02	10.89	52.91	54.00	-1.09
5180.00	Peak	97.19	10.81	108.00	--	--
5180.00	Average	91.35	10.81	102.16	--	--
5422.15	Average	37.96	10.73	48.69	54.00	-5.31
5443.91	Peak	47.42	10.82	58.24	74.00	-15.76

Test Mode	IEEE 802.11n HT20 / 5180 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



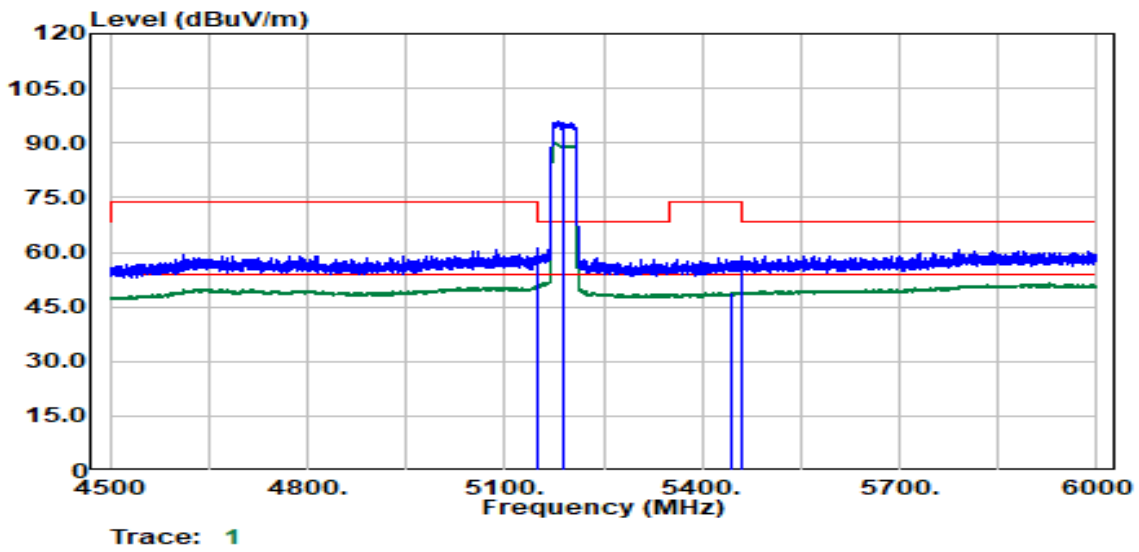
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5146.11	Peak	52.59	10.89	63.48	74.00	-10.52
5148.11	Average	40.51	10.89	51.41	54.00	-2.59
5180.00	Peak	92.27	10.81	103.08	--	--
5180.00	Average	86.08	10.81	96.89	--	--
5436.66	Average	37.86	10.79	48.65	54.00	-5.35
5447.41	Peak	47.16	10.84	58.00	74.00	-16.00

Test Mode	IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	23.5(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



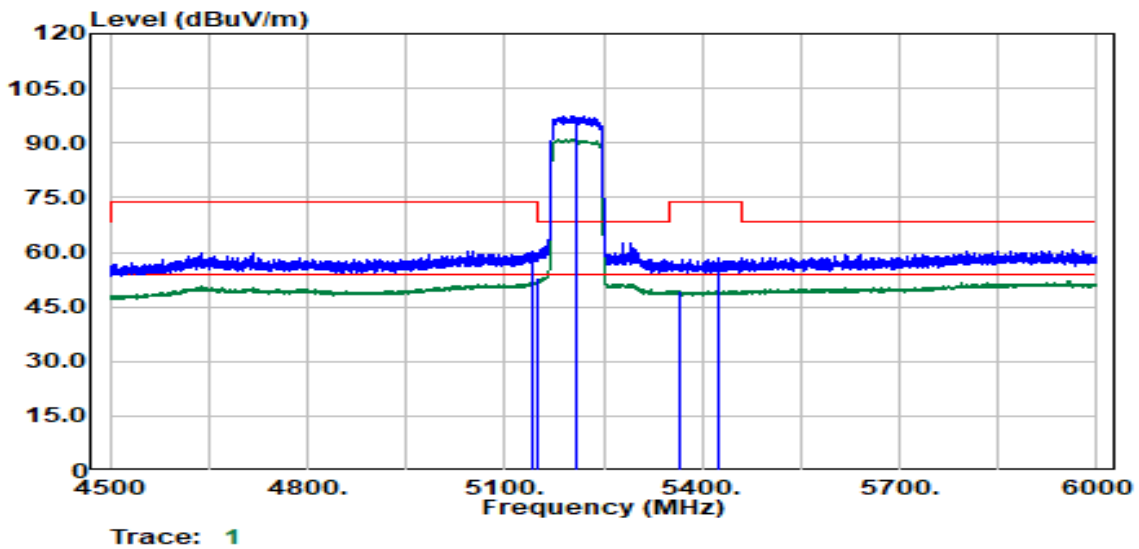
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5144.86	Peak	50.23	10.90	61.12	74.00	-12.88
5150.11	Average	42.07	10.89	52.96	54.00	-1.04
5190.00	Peak	89.85	10.78	100.63	--	--
5190.00	Average	82.87	10.78	93.65	--	--
5358.39	Peak	46.99	10.74	57.73	74.00	-16.27
5445.16	Average	38.13	10.83	48.96	54.00	-5.04

Test Mode	IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	23.5(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



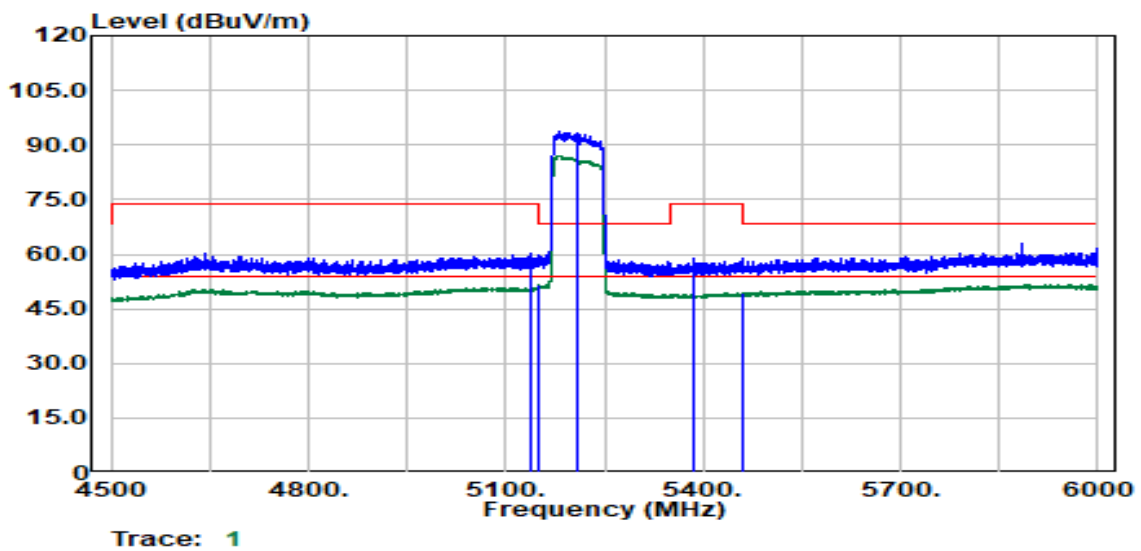
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
5148.11	Average	39.83	10.89	50.72	54.00	-3.28
5148.86	Peak	50.17	10.89	61.06	74.00	-12.94
5190.00	Peak	85.35	10.78	96.13	--	--
5190.00	Average	79.32	10.78	90.10	--	--
5443.41	Average	38.05	10.82	48.87	54.00	-5.13
5459.91	Peak	47.83	10.86	58.69	74.00	-15.31

Test Mode	IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	23.5(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
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)
5142.86	Peak	49.51	10.90	60.41	74.00	-13.59
5150.11	Average	42.20	10.89	53.09	54.00	-0.91
5210.00	Peak	86.81	10.73	97.55	--	--
5210.00	Average	80.37	10.73	91.10	--	--
5364.14	Average	38.68	10.72	49.41	54.00	-4.59
5422.90	Peak	47.63	10.73	58.36	74.00	-15.64

Test Mode	IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	23.5(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

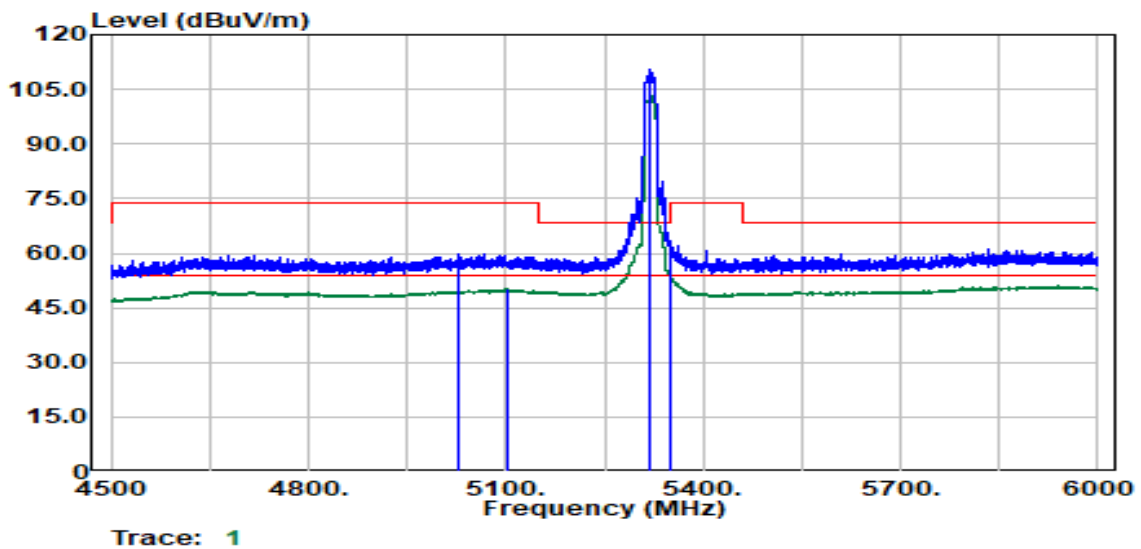


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
5139.61	Peak	49.41	10.90	60.31	74.00	-13.69
5148.36	Average	40.59	10.89	51.48	54.00	-2.52
5210.00	Peak	82.85	10.73	93.58	--	--
5210.00	Average	76.42	10.73	87.15	--	--
5387.15	Peak	48.04	10.66	58.71	74.00	-15.29
5459.41	Average	38.37	10.86	49.23	54.00	-4.77



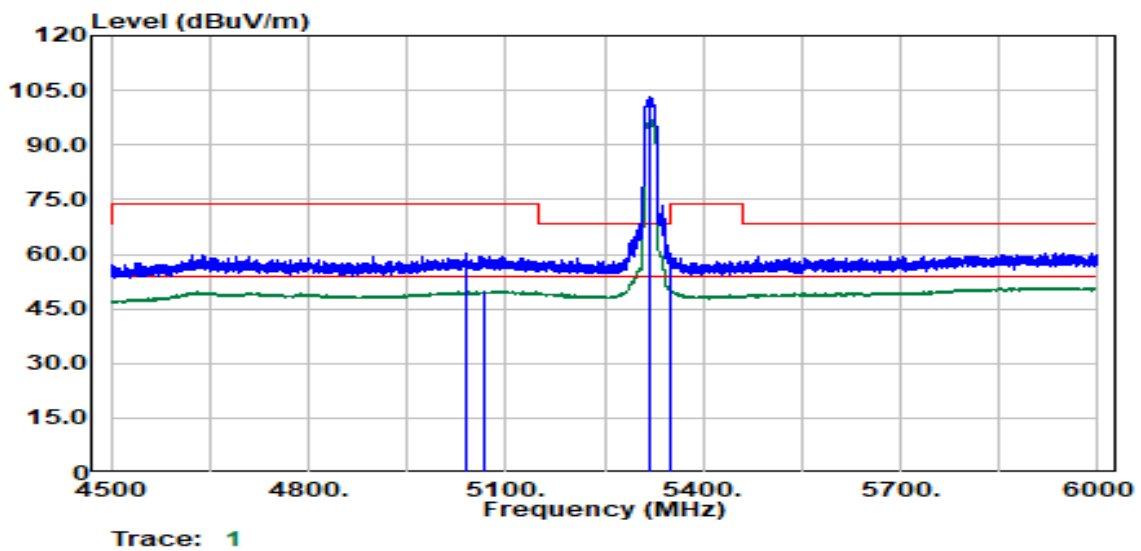
**Test Data for UNII-2a**

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



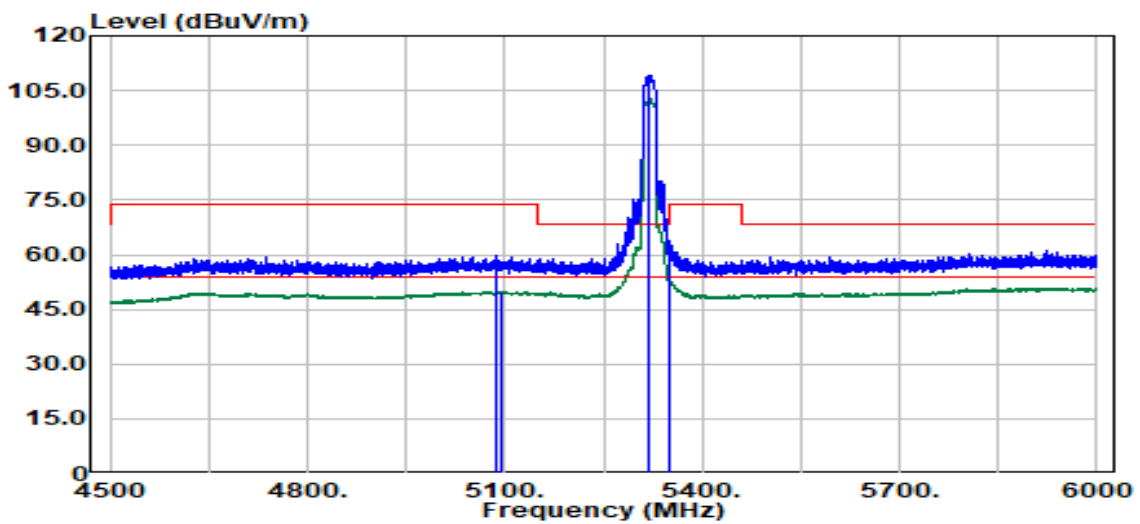
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5027.09	Peak	49.14	10.86	60.00	74.00	-14.00
5102.85	Average	39.13	10.95	50.08	54.00	-3.92
5320.00	Peak	99.63	10.69	110.32	--	--
5320.00	Average	92.65	10.69	103.34	--	--
5350.89	Average	42.57	10.76	53.33	54.00	-0.67
5352.14	Peak	52.40	10.75	63.16	74.00	-10.84

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
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)
5038.34	Peak	49.19	10.87	60.06	74.00	-13.94
5067.35	Average	38.88	10.90	49.79	54.00	-4.21
5320.00	Peak	92.47	10.69	103.16	--	--
5320.00	Average	86.26	10.69	96.95	--	--
5349.89	Average	39.70	10.76	50.46	54.00	-3.54
5351.14	Peak	48.14	10.76	58.89	74.00	-15.11

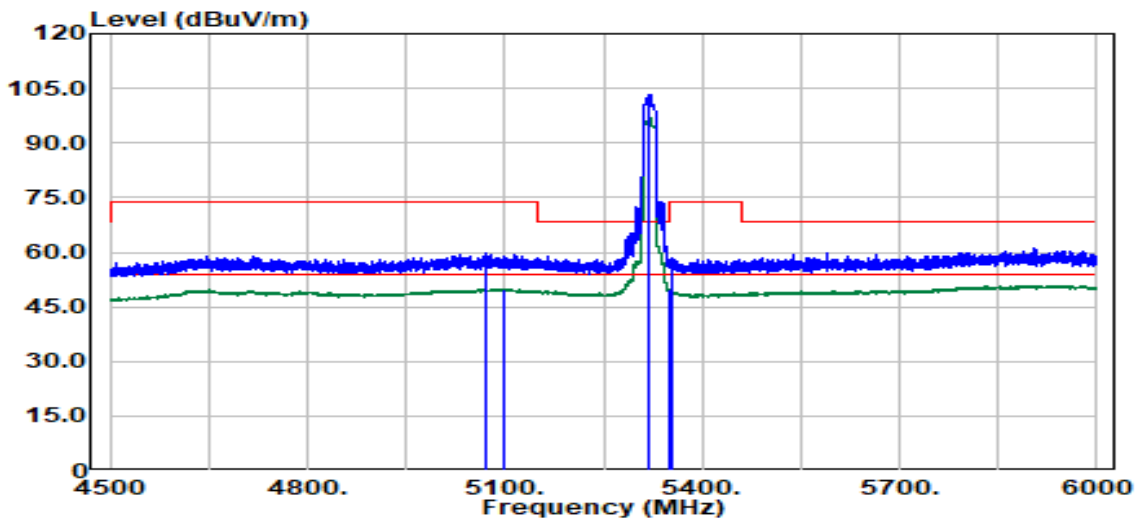
Test Mode	IEEE 802.11n HT20 / 5320 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



Trace: 1

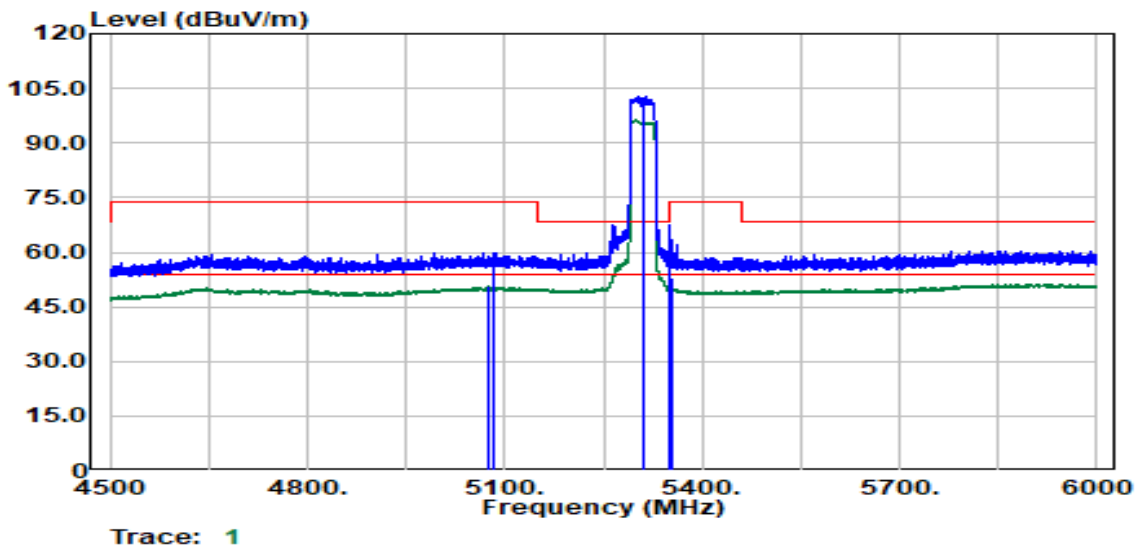
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
5088.60	Peak	48.72	10.93	59.65	74.00	-14.35
5094.60	Average	39.01	10.94	49.95	54.00	-4.05
5320.00	Peak	98.56	10.69	109.25	--	--
5320.00	Average	92.07	10.69	102.76	--	--
5349.89	Average	42.30	10.76	53.06	54.00	-0.94
5352.14	Peak	53.20	10.75	63.96	74.00	-10.04

Test Mode	IEEE 802.11n HT20 / 5320 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



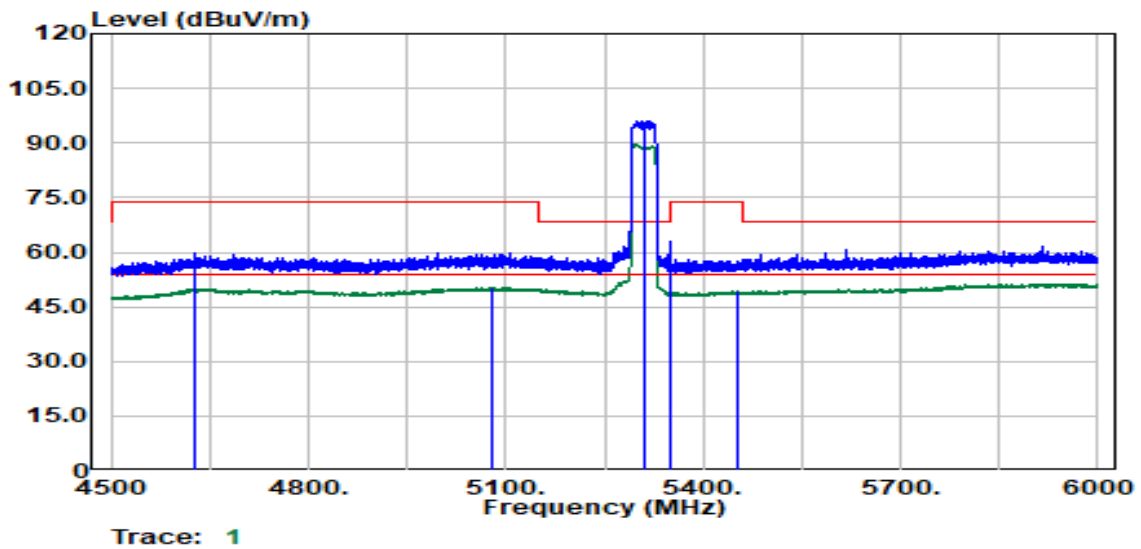
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5071.85	Peak	48.70	10.91	59.61	74.00	-14.39
5097.35	Average	38.97	10.95	49.91	54.00	-4.09
5320.00	Peak	92.77	10.69	103.46	--	--
5320.00	Average	86.17	10.69	96.86	--	--
5349.89	Average	39.01	10.76	49.77	54.00	-4.23
5353.14	Peak	47.63	10.75	58.39	74.00	-15.61

Test Mode	IEEE 802.11n HT40 / 5310 MHz	Temp/Hum	23.5(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



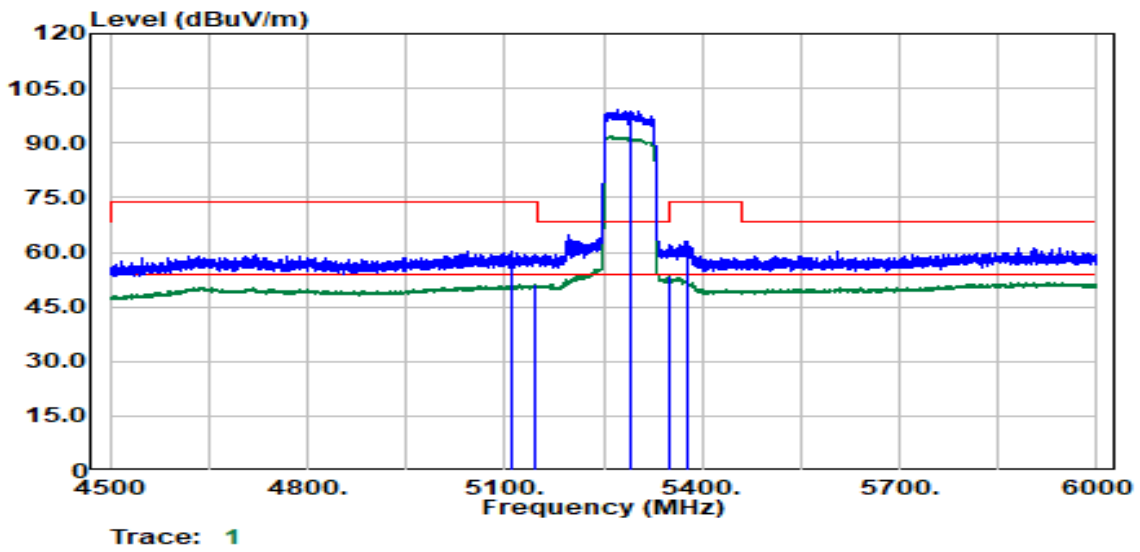
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5074.85	Average	39.61	10.91	50.52	54.00	-3.48
5081.60	Peak	48.75	10.92	59.67	74.00	-14.33
5310.00	Peak	92.32	10.66	102.99	--	--
5310.00	Average	85.58	10.66	96.25	--	--
5350.64	Peak	56.77	10.76	67.53	74.00	-6.47
5354.39	Average	42.38	10.75	53.13	54.00	-0.87

Test Mode	IEEE 802.11n HT40 / 5310 MHz	Temp/Hum	23.5(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



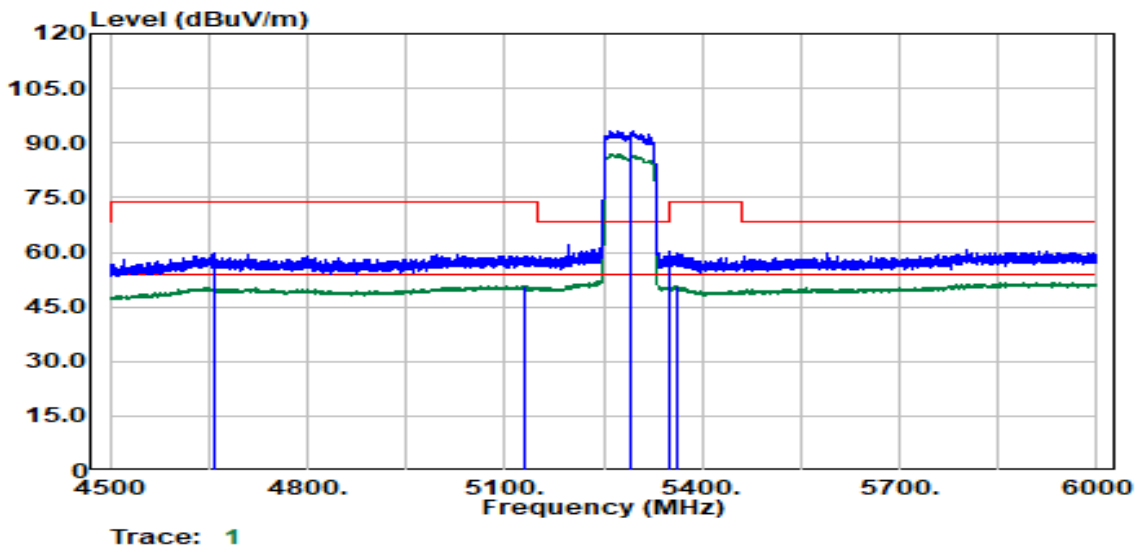
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4628.77	Peak	49.68	10.29	59.96	74.00	-14.04
5077.60	Average	39.23	10.92	50.15	54.00	-3.85
5310.00	Peak	85.48	10.66	96.14	--	--
5310.00	Average	79.04	10.66	89.70	--	--
5350.14	Peak	52.23	10.76	62.99	74.00	-11.01
5450.91	Average	38.33	10.85	49.18	54.00	-4.82

Test Mode	IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	23.5(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
5112.10	Peak	49.20	10.94	60.14	74.00	-13.86
5147.36	Average	40.23	10.89	51.12	54.00	-2.88
5290.00	Peak	88.45	10.64	99.09	--	--
5290.00	Average	81.30	10.64	91.95	--	--
5351.39	Average	42.61	10.76	53.37	54.00	-0.63
5379.15	Peak	52.30	10.68	62.98	74.00	-11.02

Test Mode	IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	23.5(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

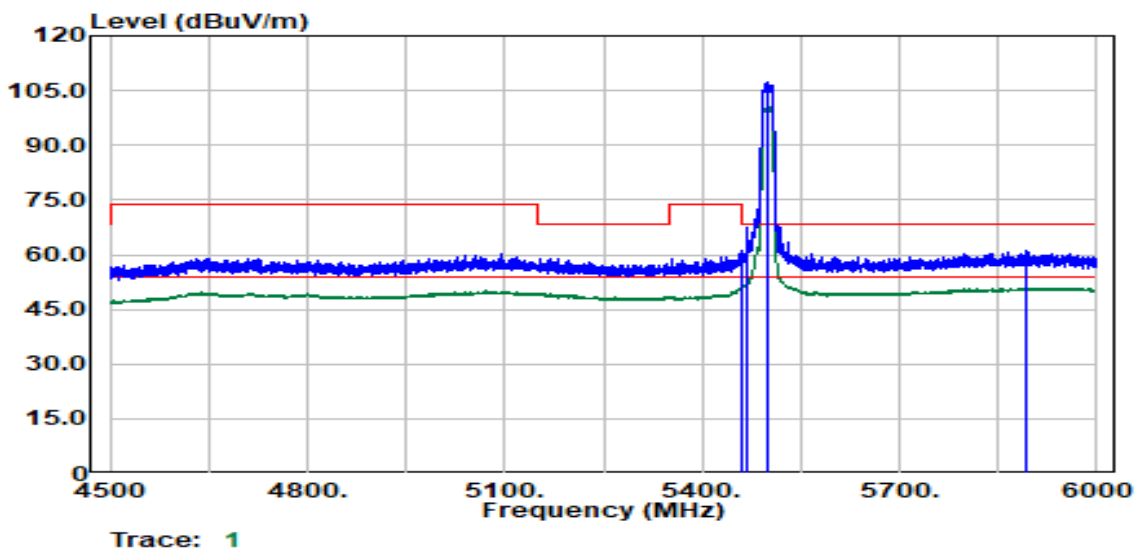


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4657.53	Peak	49.38	10.32	59.70	74.00	-14.30
5129.11	Average	40.00	10.92	50.92	54.00	-3.08
5290.00	Peak	82.79	10.64	93.43	--	--
5290.00	Average	76.17	10.64	86.81	--	--
5349.89	Peak	49.65	10.76	60.41	68.20	-7.79
5362.39	Average	40.01	10.73	50.74	54.00	-3.26



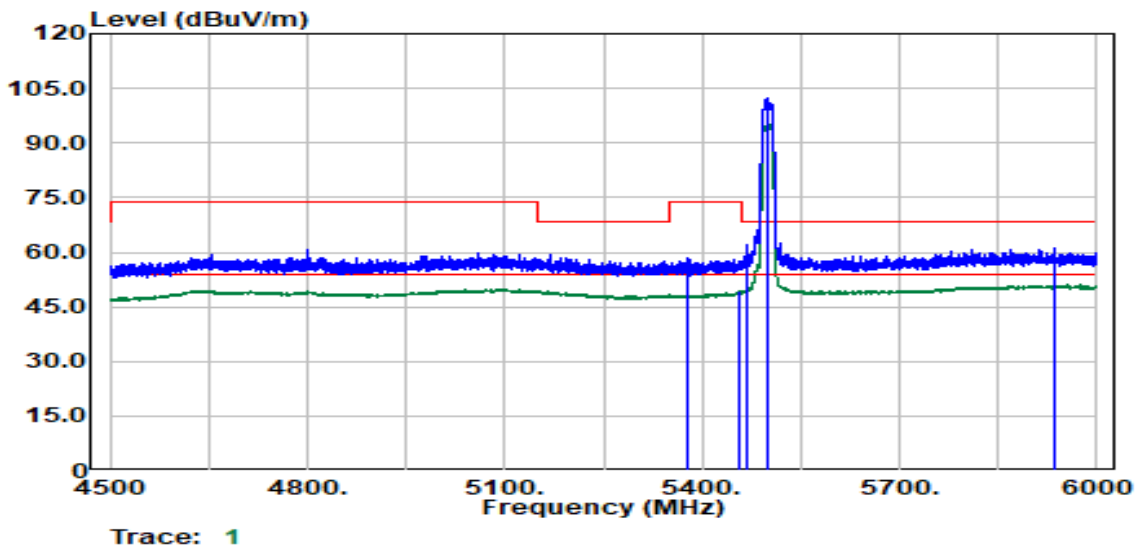
**Test Data for UNII-2c**

Test Mode	IEEE 802.11a / 5500 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



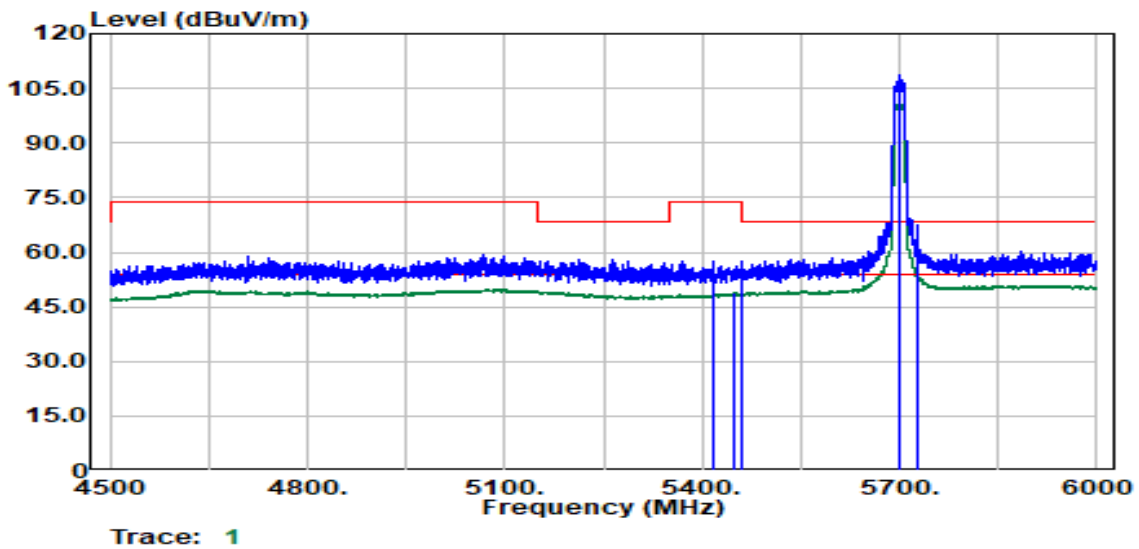
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5458.41	Average	40.30	10.86	51.16	54.00	-2.84
5459.16	Peak	50.26	10.86	61.11	74.00	-12.89
5469.41	Peak	57.04	10.87	67.91	68.20	-0.29
5500.00	Peak	96.29	10.90	107.19	--	--
5500.00	Average	89.93	10.90	100.83	--	--
5891.48	Peak	48.71	12.38	61.09	68.20	-7.11

Test Mode	IEEE 802.11a / 5500 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



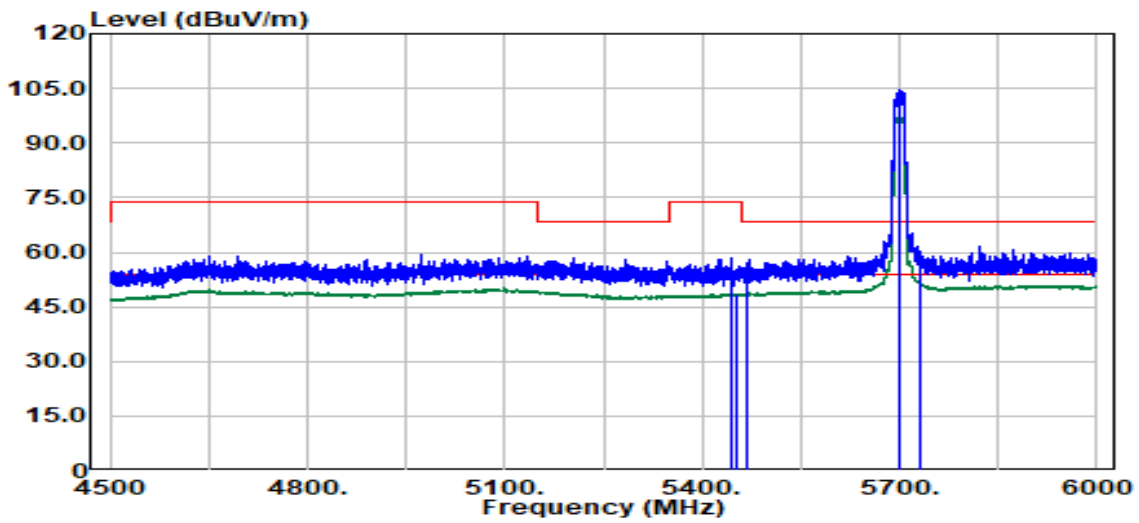
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5378.40	Peak	47.57	10.69	58.26	74.00	-15.74
5456.66	Average	38.28	10.86	49.14	54.00	-4.86
5467.91	Peak	51.74	10.87	62.61	68.20	-5.59
5500.00	Peak	91.22	10.90	102.12	--	--
5500.00	Average	84.74	10.90	95.64	--	--
5937.24	Peak	48.64	12.35	60.99	68.20	-7.21

Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
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)
5415.65	Peak	47.30	10.70	57.99	74.00	-16.01
5450.16	Average	37.97	10.85	48.82	54.00	-5.18
5461.41	Peak	46.94	10.86	57.80	68.20	-10.40
5700.00	Peak	95.09	12.16	107.25	--	--
5700.00	Average	89.17	12.16	101.33	--	--
5726.96	Peak	55.50	12.31	67.81	68.20	-0.39

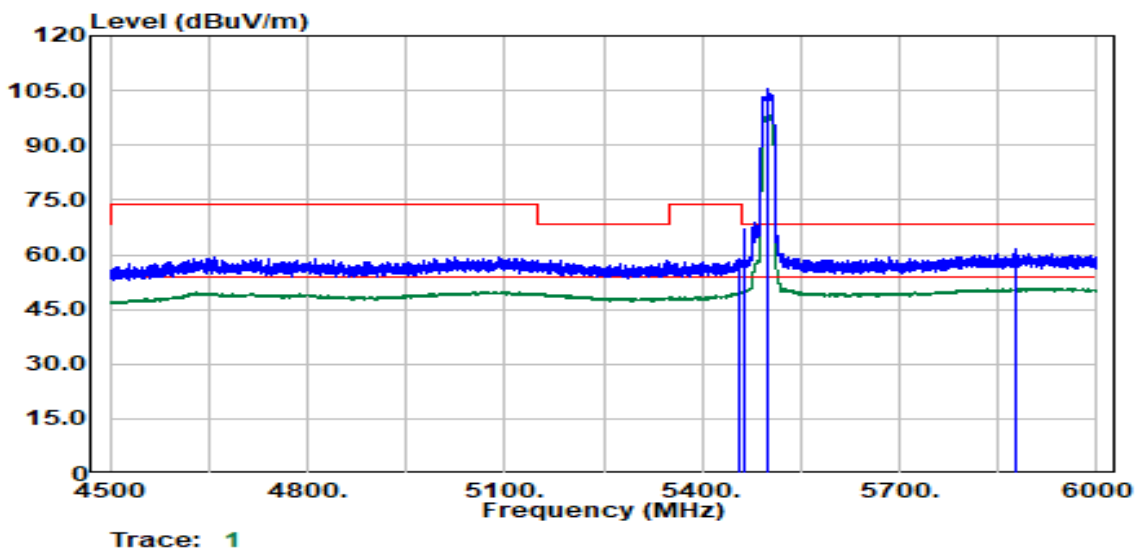
Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Trace: 1

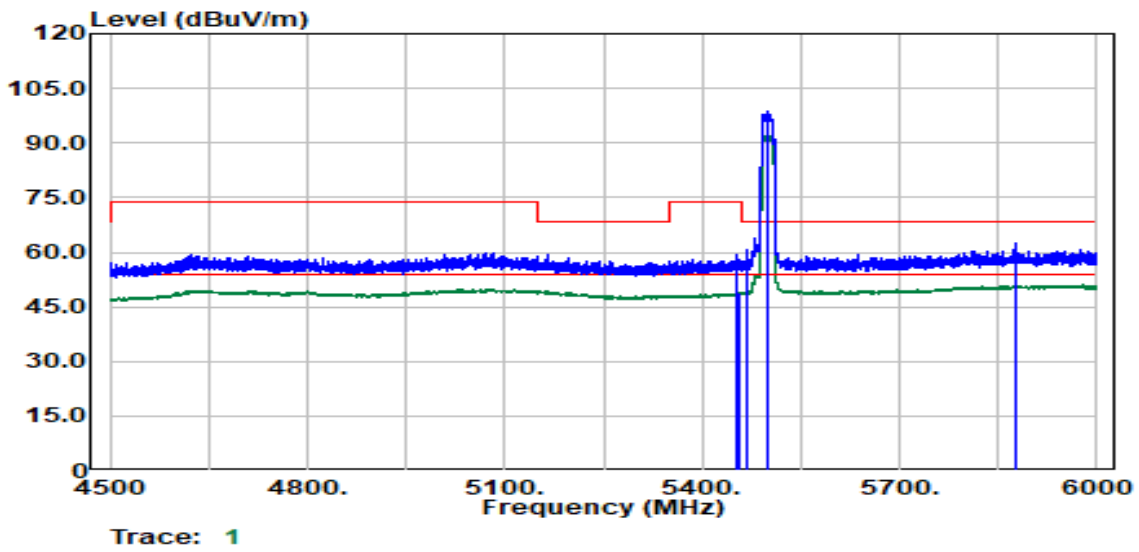
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5443.16	Peak	48.09	10.82	58.91	74.00	-15.09
5450.41	Average	37.78	10.85	48.63	54.00	-5.37
5466.66	Peak	46.50	10.87	57.37	68.20	-10.83
5700.00	Peak	91.23	12.16	103.39	--	--
5700.00	Average	85.42	12.16	97.58	--	--
5731.71	Peak	48.14	12.33	60.47	68.20	-7.73

Test Mode	IEEE 802.11n HT20 / 5500 MHz	Temp/Hum	23.6(°C) / 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



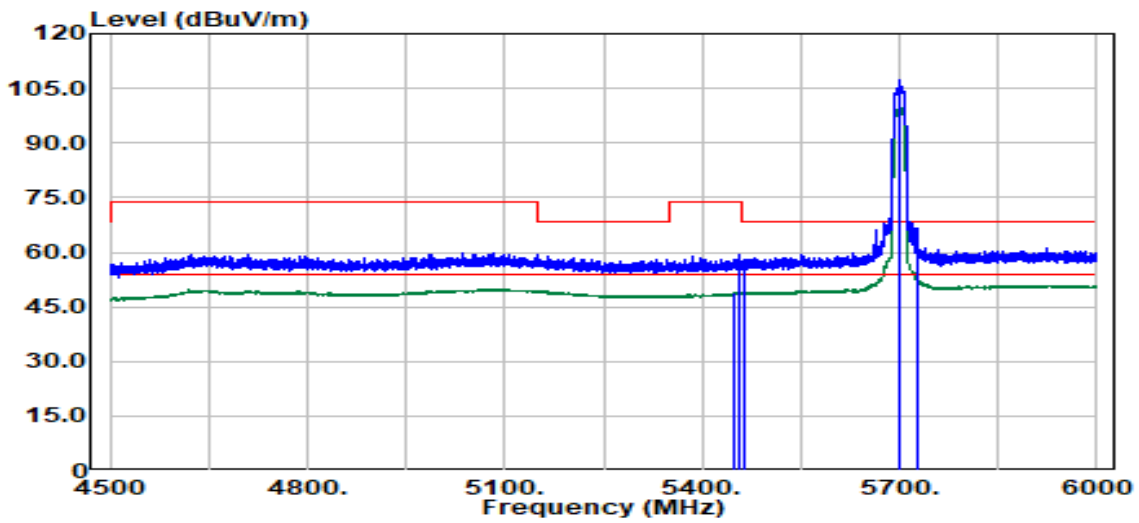
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5454.41	Peak	48.04	10.85	58.89	74.00	-15.11
5456.91	Average	38.96	10.86	49.82	54.00	-4.18
5463.66	Peak	56.59	10.86	67.46	68.20	-0.74
5500.00	Peak	94.84	10.90	105.74	--	--
5500.00	Average	87.85	10.90	98.75	--	--
5876.73	Peak	49.35	12.41	61.76	68.20	-6.44

Test Mode	IEEE 802.11n HT20 / 5500 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



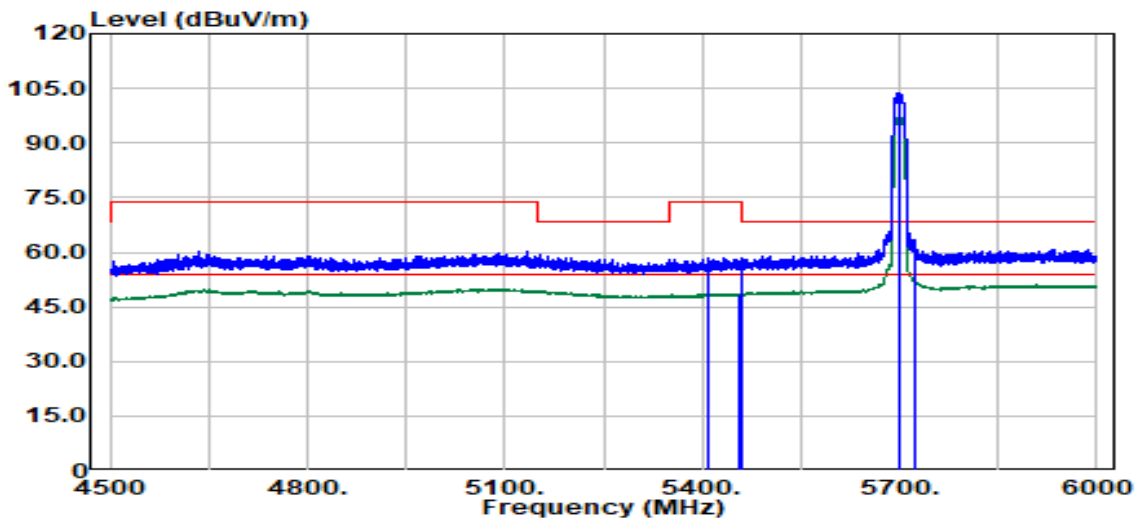
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5450.91	Peak	48.36	10.85	59.21	74.00	-14.79
5458.16	Average	38.11	10.86	48.97	54.00	-5.03
5466.41	Peak	50.45	10.87	61.32	68.20	-6.88
5500.00	Peak	87.80	10.90	98.70	--	--
5500.00	Average	81.54	10.90	92.44	--	--
5874.98	Peak	50.22	12.42	62.63	68.20	-5.57

Test Mode	IEEE 802.11n HT20 / 5700 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
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)
5447.41	Average	38.00	10.84	48.84	54.00	-5.16
5455.91	Peak	48.37	10.86	59.22	74.00	-14.78
5464.66	Peak	47.05	10.86	57.92	68.20	-10.28
5700.00	Peak	94.96	12.16	107.12	--	--
5700.00	Average	87.67	12.16	99.83	--	--
5726.71	Peak	54.83	12.30	67.13	68.20	-1.07

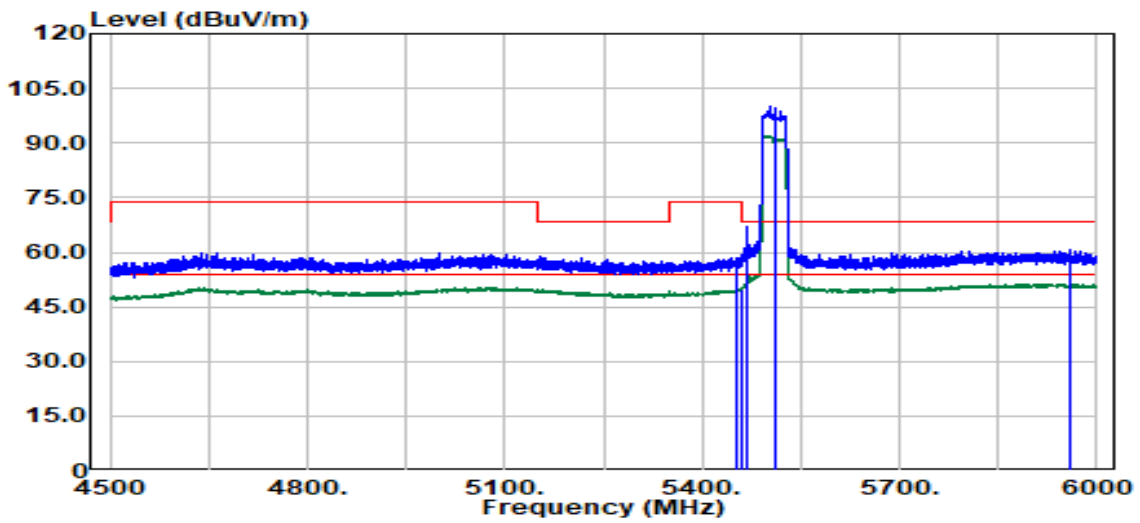
Test Mode	IEEE 802.11n HT20 / 5700 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5409.40	Peak	47.67	10.67	58.34	74.00	-15.66
5456.16	Average	37.81	10.86	48.67	54.00	-5.33
5460.91	Peak	47.43	10.86	58.29	68.20	-9.91
5700.00	Peak	91.67	12.16	103.83	--	--
5700.00	Average	85.21	12.16	97.37	--	--
5724.95	Peak	51.61	12.29	63.90	68.20	-4.30

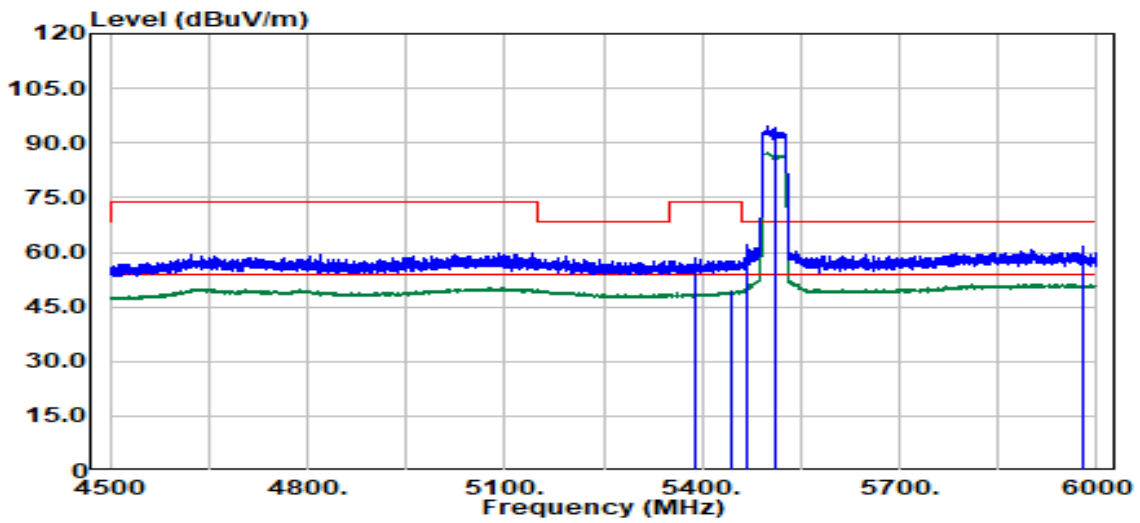


Test Mode	IEEE 802.11n HT40 / 5510 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



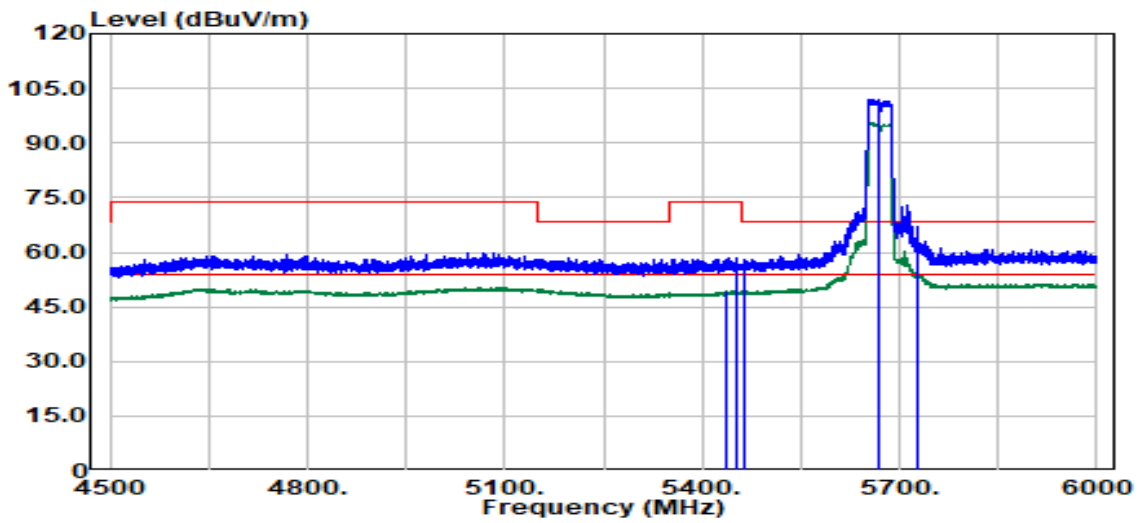
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5451.16	Peak	47.79	10.85	58.64	74.00	-15.36
5459.91	Average	39.14	10.86	50.00	54.00	-4.00
5469.66	Peak	56.67	10.87	67.53	68.20	-0.67
5510.00	Peak	89.14	10.96	100.10	--	--
5510.00	Average	81.01	10.96	91.97	--	--
5959.24	Peak	48.10	12.36	60.45	68.20	-7.75

Test Mode	IEEE 802.11n HT40 / 5510 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



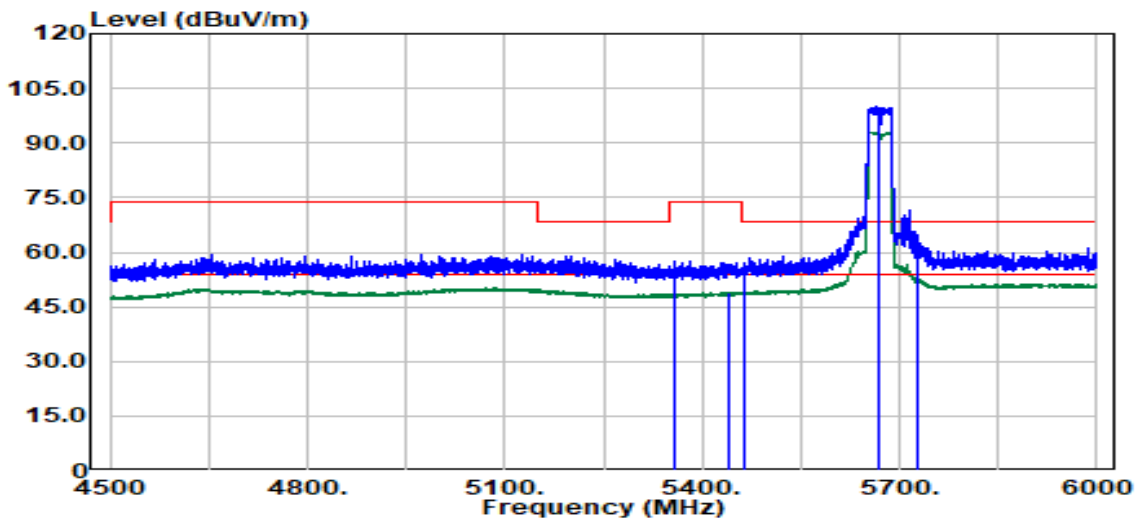
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5388.40	Peak	47.58	10.66	58.24	74.00	-15.76
5444.91	Average	38.47	10.83	49.30	54.00	-4.70
5466.41	Peak	51.70	10.87	62.57	68.20	-5.63
5510.00	Peak	83.55	10.96	94.51	--	--
5510.00	Average	76.25	10.96	87.21	--	--
5980.25	Peak	49.19	12.37	61.56	68.20	-6.64

Test Mode	IEEE 802.11n HT40 / 5670 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



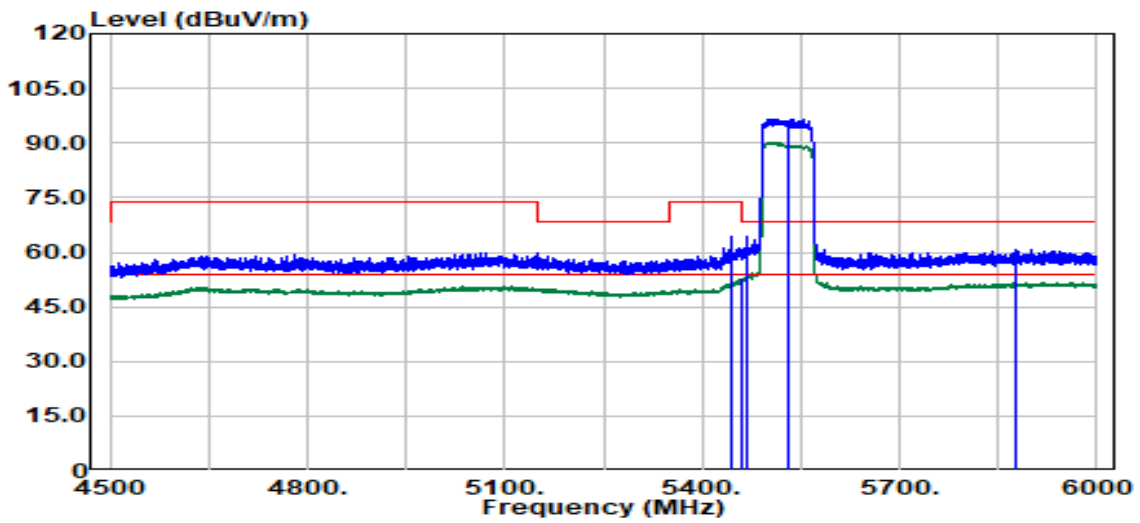
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5435.91	Average	38.41	10.79	49.19	54.00	-4.81
5453.91	Peak	47.41	10.85	58.27	74.00	-15.73
5465.16	Peak	47.05	10.87	57.91	68.20	-10.29
5670.00	Peak	90.07	11.89	101.96	--	--
5670.00	Average	83.69	11.89	95.58	--	--
5728.21	Peak	54.96	12.31	67.27	68.20	-0.93

Test Mode	IEEE 802.11n HT40 / 5670 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



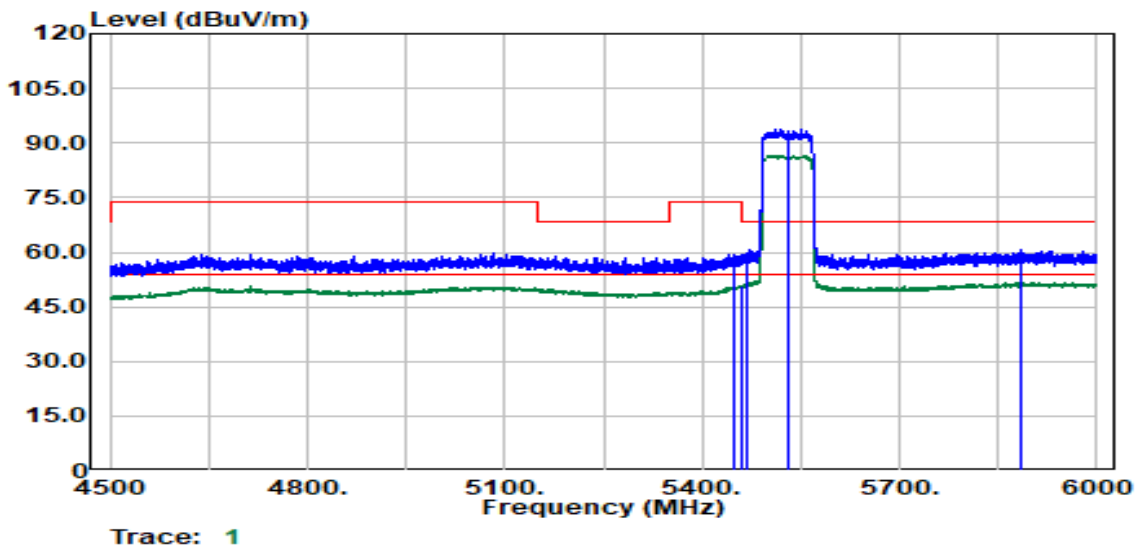
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5358.39	Peak	47.38	10.74	58.12	74.00	-15.88
5441.41	Average	38.25	10.81	49.06	54.00	-4.94
5465.91	Peak	46.76	10.87	57.63	68.20	-10.57
5670.00	Peak	88.06	11.89	99.95	--	--
5670.00	Average	81.12	11.89	93.01	--	--
5728.46	Peak	53.05	12.31	65.36	68.20	-2.84

Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



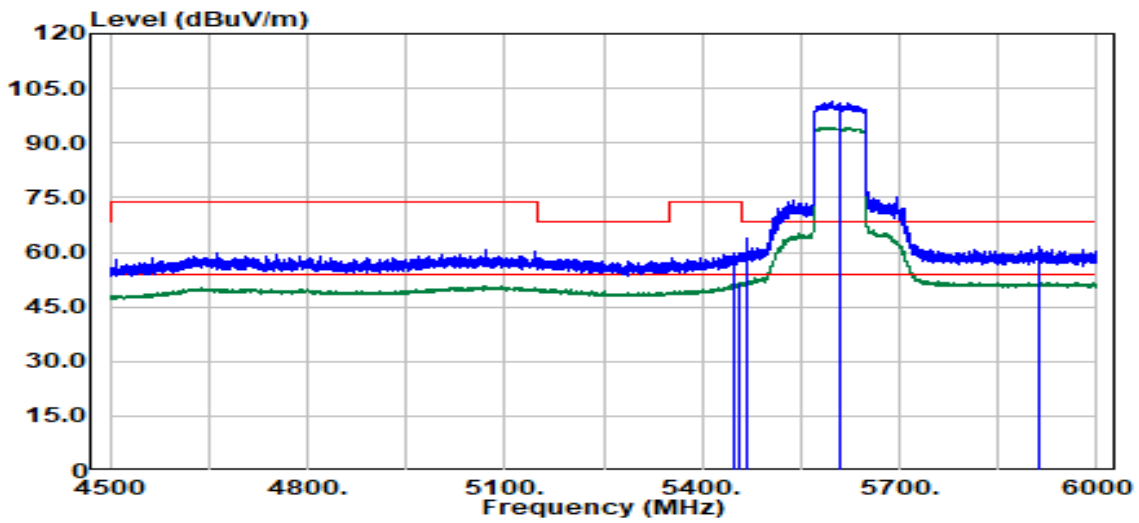
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5442.91	Peak	53.59	10.82	64.41	74.00	-9.59
5459.16	Average	42.15	10.86	53.01	54.00	-0.99
5467.91	Peak	53.77	10.87	64.63	68.20	-3.57
5530.00	Peak	85.56	11.07	96.63	--	--
5530.00	Average	79.07	11.07	90.14	--	--
5875.48	Peak	48.41	12.41	60.82	68.20	-7.38

Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



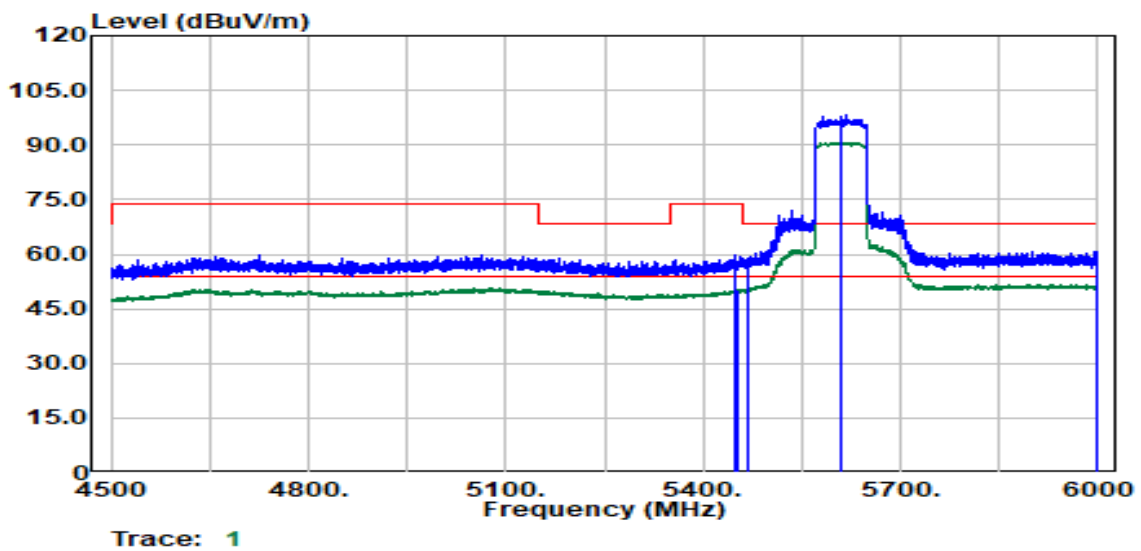
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5446.91	Peak	48.54	10.84	59.38	74.00	-14.62
5459.16	Average	40.02	10.86	50.88	54.00	-3.12
5467.41	Peak	49.08	10.87	59.95	68.20	-8.25
5530.00	Peak	82.85	11.07	93.92	--	--
5530.00	Average	75.59	11.07	86.66	--	--
5886.23	Peak	48.24	12.39	60.63	68.20	-7.57

Test Mode	IEEE 802.11ac VHT80 / 5610 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
5448.66	Peak	49.03	10.84	59.87	74.00	-14.13
5457.16	Average	40.55	10.86	51.40	54.00	-2.60
5466.16	Peak	53.35	10.87	64.21	68.20	-3.99
5610.00	Peak	90.04	11.50	101.54	--	--
5610.00	Average	82.87	11.50	94.37	--	--
5911.49	Peak	49.21	12.36	61.57	68.20	-6.63

Test Mode	IEEE 802.11ac VHT80 / 5610 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

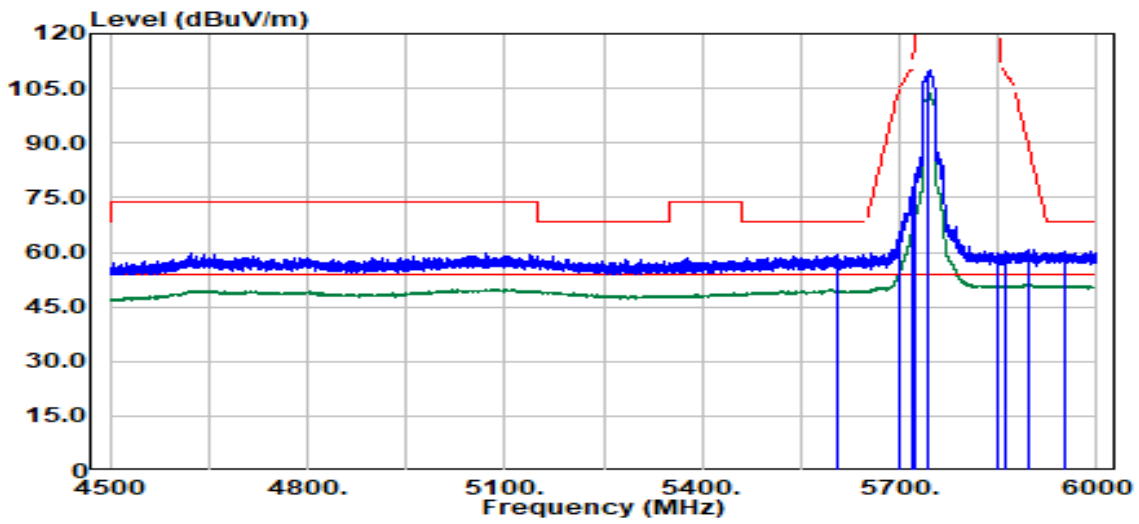


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5448.66	Peak	48.75	10.84	59.60	74.00	-14.40
5450.66	Average	39.58	10.85	50.43	54.00	-3.57
5468.16	Peak	48.00	10.87	58.86	68.20	-9.34
5610.00	Peak	86.60	11.50	98.10	--	--
5610.00	Average	79.12	11.50	90.62	--	--
5998.75	Peak	48.19	12.39	60.58	68.20	-7.62



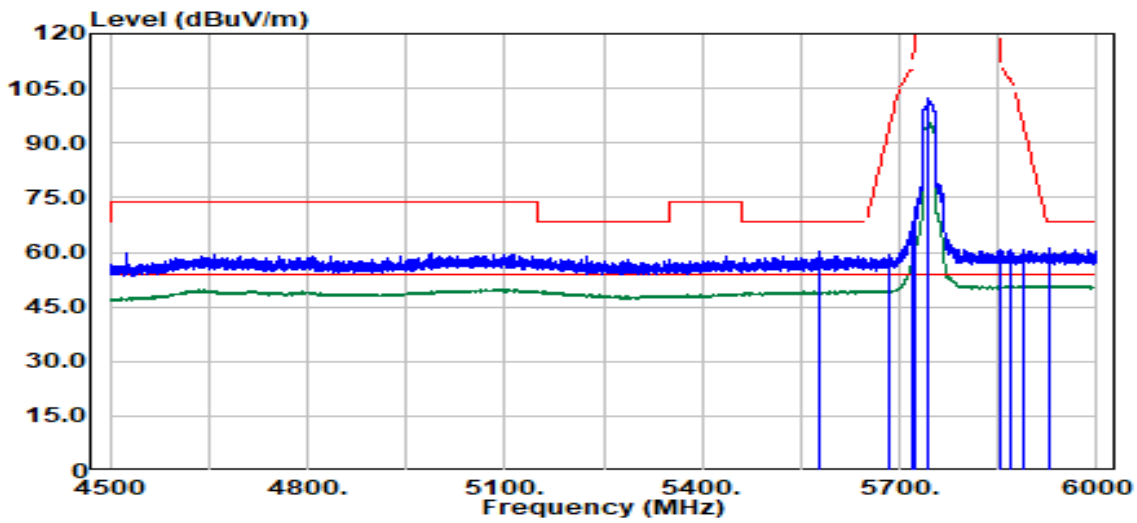
**Test Data for UNII-3**

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	23.6(°C) / 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
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)
5606.69	Peak	47.98	11.48	59.47	68.20	-8.73
5699.95	Peak	52.07	12.16	64.23	105.16	-40.93
5718.70	Peak	63.13	12.26	75.39	110.44	-35.04
5723.20	Peak	67.43	12.29	79.71	118.11	-38.39
5745.00	Peak	97.43	12.40	109.83	--	--
5745.00	Average	91.20	12.40	103.60	--	--
5850.73	Peak	47.48	12.47	59.95	120.55	-60.60
5862.23	Peak	47.57	12.44	60.02	108.77	-48.76
5895.23	Peak	48.22	12.37	60.59	90.19	-29.60
5952.24	Peak	47.86	12.35	60.21	68.20	-7.99

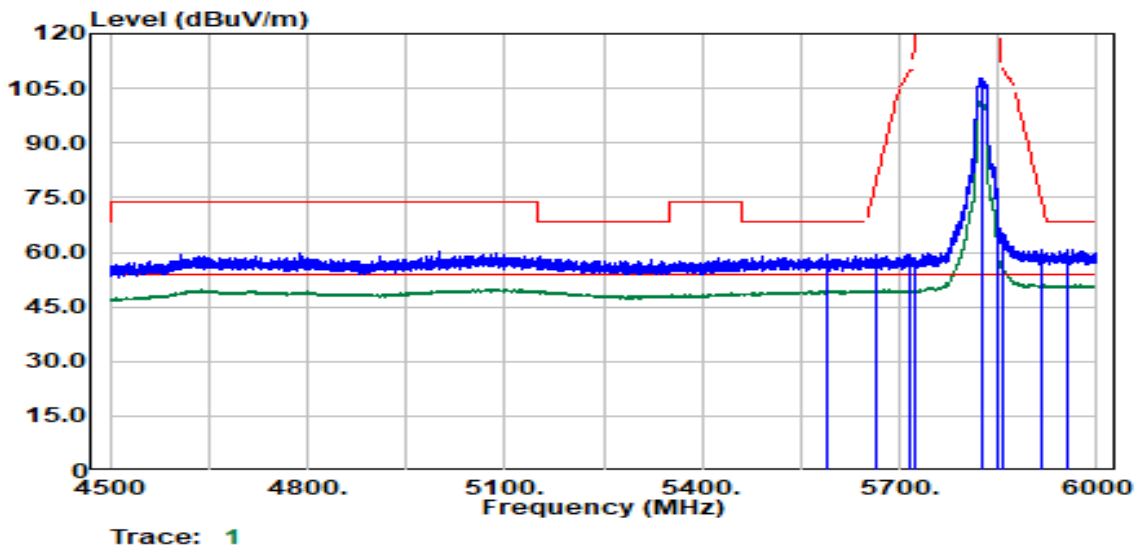
Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Trace: 1

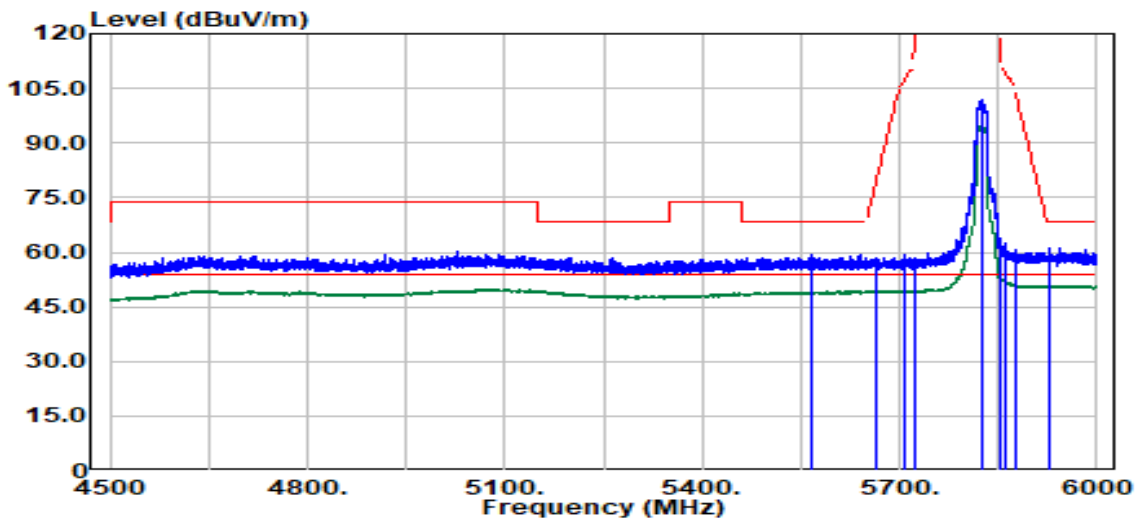
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5578.18	Peak	48.81	11.34	60.15	68.20	-8.05
5682.95	Peak	47.29	12.01	59.30	92.62	-33.32
5719.95	Peak	54.97	12.27	67.24	110.79	-43.55
5723.70	Peak	60.21	12.29	72.50	119.25	-46.75
5745.00	Peak	90.03	12.40	102.43	--	--
5745.00	Average	83.29	12.40	95.69	--	--
5854.73	Peak	48.43	12.46	60.89	111.42	-50.54
5870.73	Peak	48.13	12.42	60.55	106.39	-45.84
5887.98	Peak	48.14	12.39	60.53	95.56	-35.04
5926.74	Peak	48.72	12.35	61.08	68.20	-7.12

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



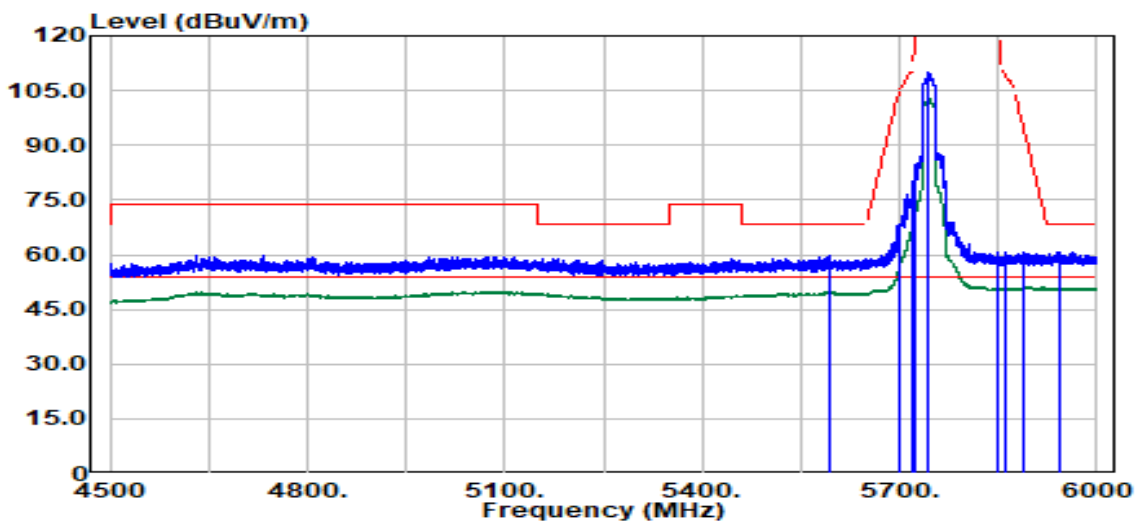
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5591.43	Peak	47.89	11.41	59.30	68.20	-8.90
5664.19	Peak	47.34	11.84	59.18	78.74	-19.56
5715.45	Peak	47.24	12.24	59.49	109.53	-50.04
5722.20	Peak	45.96	12.28	58.24	115.83	-57.58
5825.00	Peak	95.42	12.57	107.99	--	--
5825.00	Average	88.93	12.57	101.50	--	--
5850.00	Peak	54.49	12.47	66.96	122.20	-55.24
5858.73	Peak	52.74	12.45	65.19	109.76	-44.56
5914.74	Peak	48.18	12.36	60.53	75.77	-15.24
5954.74	Peak	48.49	12.35	60.84	68.20	-7.36

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



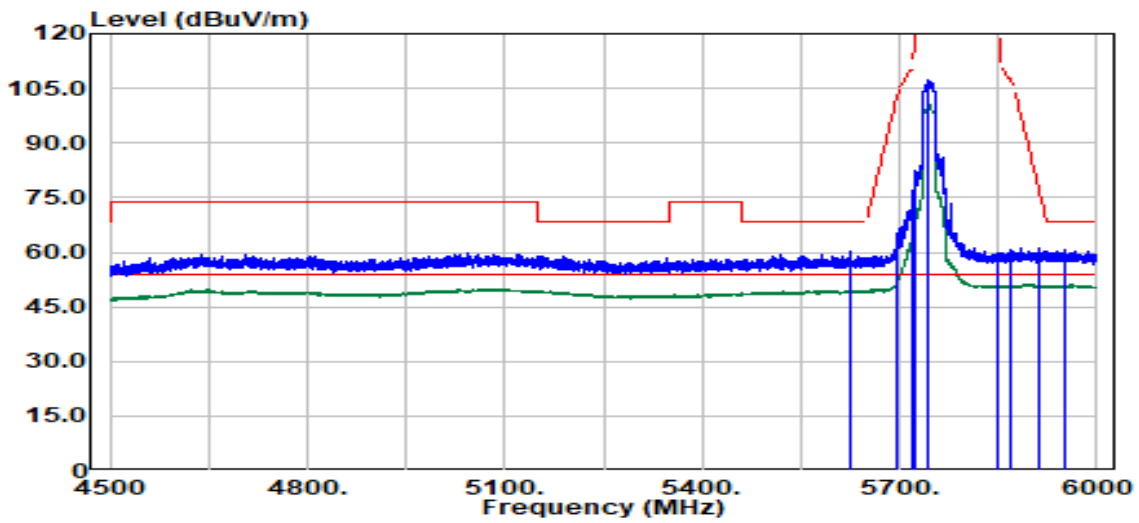
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
5564.93	Peak	48.09	11.27	59.36	68.20	-8.84
5664.69	Peak	46.69	11.84	58.54	79.11	-20.57
5707.70	Peak	47.08	12.20	59.28	107.36	-48.08
5722.20	Peak	45.90	12.28	58.18	115.83	-57.64
5825.00	Peak	89.09	12.57	101.66	--	--
5825.00	Average	82.60	12.57	95.17	--	--
5851.73	Peak	51.24	12.47	63.71	118.27	-54.56
5861.73	Peak	49.93	12.44	62.38	108.91	-46.54
5877.98	Peak	48.19	12.41	60.60	102.99	-42.39
5926.74	Peak	48.66	12.35	61.02	68.20	-7.18

Test Mode	IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



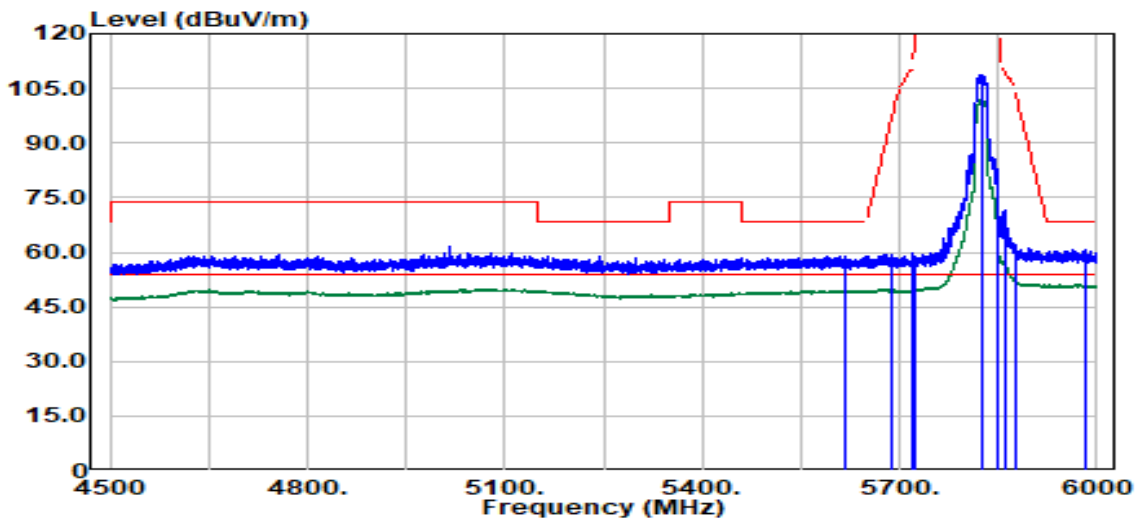
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5593.68	Peak	48.17	11.42	59.58	68.20	-8.62
5698.95	Peak	56.40	12.15	68.55	104.43	-35.88
5719.95	Peak	65.10	12.27	77.37	110.79	-33.42
5724.45	Peak	71.56	12.29	83.85	120.96	-37.11
5745.00	Peak	97.43	12.40	109.84	--	--
5745.00	Average	90.73	12.40	103.13	--	--
5850.48	Peak	47.13	12.47	59.60	121.12	-61.52
5860.98	Peak	48.08	12.45	60.53	109.12	-48.60
5886.73	Peak	48.08	12.39	60.47	96.49	-36.02
5943.99	Peak	48.54	12.35	60.89	68.20	-7.31

Test Mode	IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



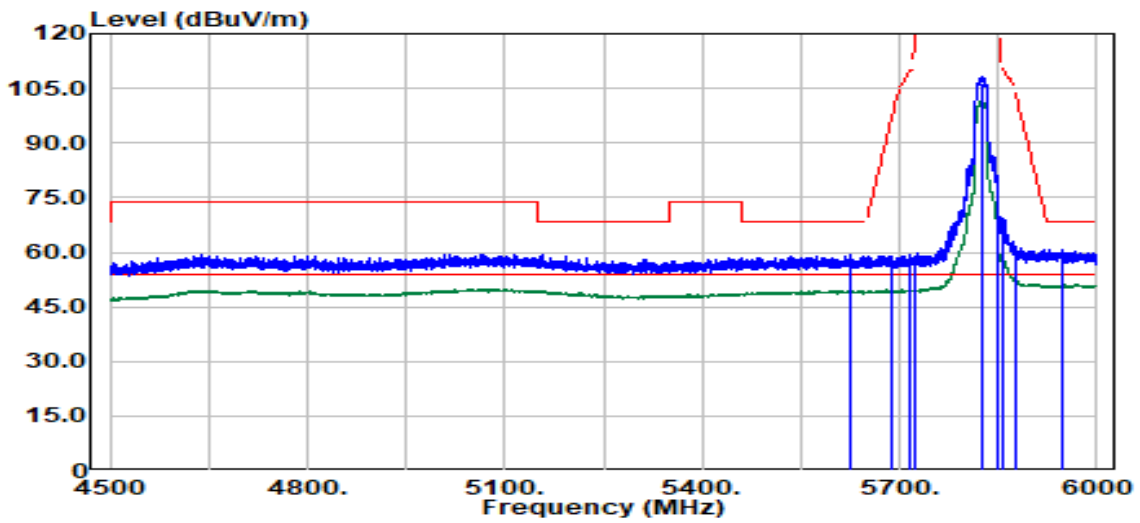
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5625.44	Peak	48.58	11.58	60.16	68.20	-8.04
5697.20	Peak	53.16	12.13	65.29	103.14	-37.84
5719.70	Peak	60.87	12.27	73.14	110.72	-37.58
5724.20	Peak	70.31	12.29	82.60	120.39	-37.78
5745.00	Peak	94.80	12.40	107.20	--	--
5745.00	Average	88.07	12.40	100.47	--	--
5850.73	Peak	47.46	12.47	59.93	120.55	-60.62
5869.98	Peak	48.37	12.43	60.80	106.60	-45.81
5912.74	Peak	48.92	12.36	61.28	77.25	-15.97
5950.49	Peak	48.15	12.35	60.50	68.20	-7.70

Test Mode	IEEE 802.11n HT20 / 5825 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
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)
5618.19	Peak	47.42	11.54	58.96	68.20	-9.24
5689.70	Peak	47.23	12.07	59.29	97.60	-38.31
5718.95	Peak	47.29	12.26	59.55	110.51	-50.96
5723.70	Peak	46.56	12.29	58.85	119.25	-60.40
5825.00	Peak	96.07	12.57	108.64	--	--
5825.00	Average	89.62	12.57	102.19	--	--
5850.00	Peak	61.44	12.47	73.91	122.20	-48.29
5861.98	Peak	59.21	12.44	71.66	108.84	-37.19
5875.23	Peak	49.74	12.41	62.15	105.03	-42.88
5983.00	Peak	48.15	12.38	60.53	68.20	-7.67

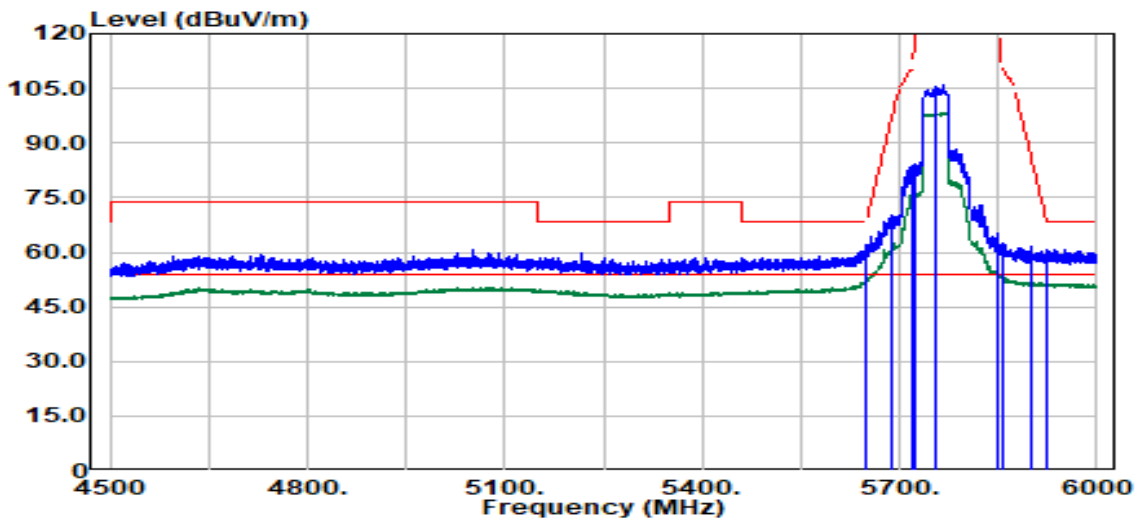
Test Mode	IEEE 802.11n HT20 / 5825 MHz	Temp/Hum	23.6(°C)/ 63%RH
Test Item	Band Edge	Test Date	June 15, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5625.94	Peak	47.66	11.58	59.24	68.20	-8.96
5688.20	Peak	46.94	12.05	58.99	96.50	-37.50
5714.95	Peak	47.20	12.24	59.44	109.39	-49.95
5724.20	Peak	46.60	12.29	58.89	120.39	-61.49
5825.00	Peak	93.88	12.57	106.45	--	--
5825.00	Average	89.27	12.57	101.84	--	--
5850.00	Peak	59.46	12.47	71.93	122.20	-50.27
5858.98	Peak	56.89	12.45	69.34	109.69	-40.34
5875.73	Peak	49.01	12.41	61.42	104.66	-43.24
5947.74	Peak	48.49	12.35	60.84	68.20	-7.36

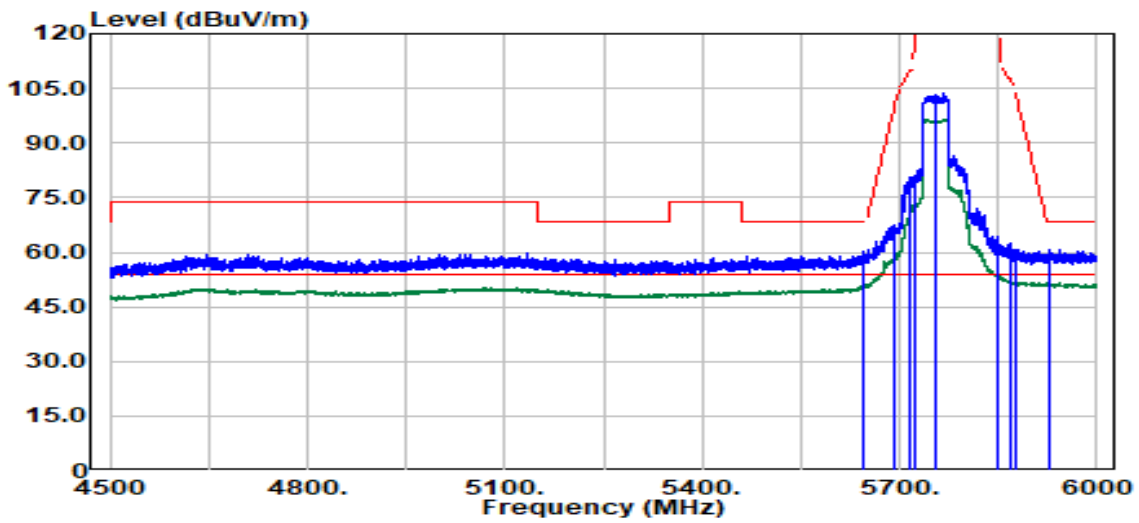


Test Mode	IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



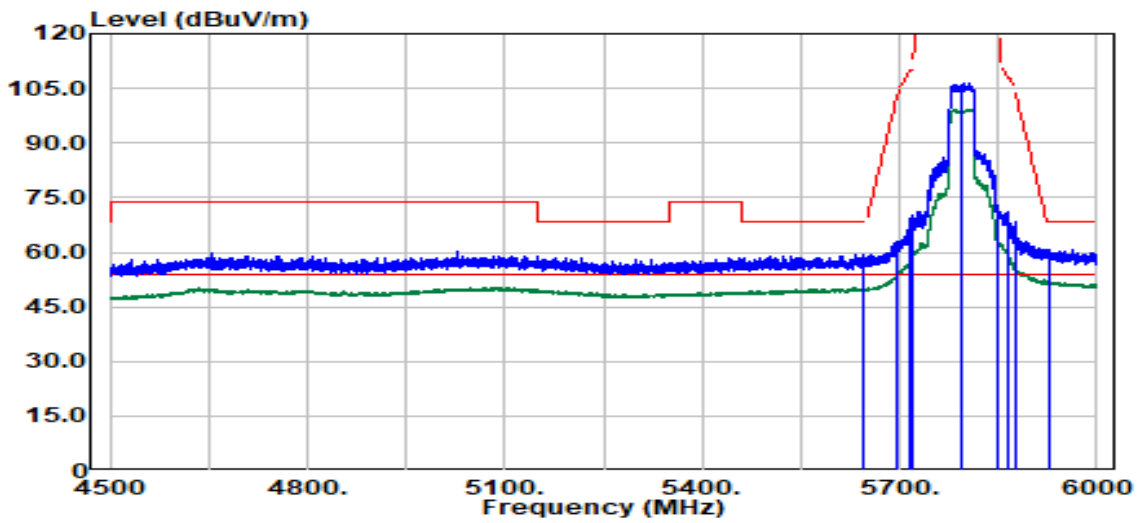
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5647.94	Peak	50.41	11.70	62.11	68.20	-6.09
5688.45	Peak	58.07	12.06	70.13	96.68	-26.56
5719.20	Peak	71.52	12.26	83.78	110.58	-26.79
5724.95	Peak	72.06	12.29	84.36	122.10	-37.74
5755.00	Peak	93.54	12.45	106.00	--	--
5755.00	Average	85.75	12.45	98.20	--	--
5850.48	Peak	49.58	12.47	62.05	121.12	-59.06
5855.98	Peak	50.15	12.46	62.60	110.53	-47.92
5899.48	Peak	49.02	12.36	61.39	87.04	-25.66
5925.49	Peak	48.51	12.35	60.87	68.20	-7.33

Test Mode	IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



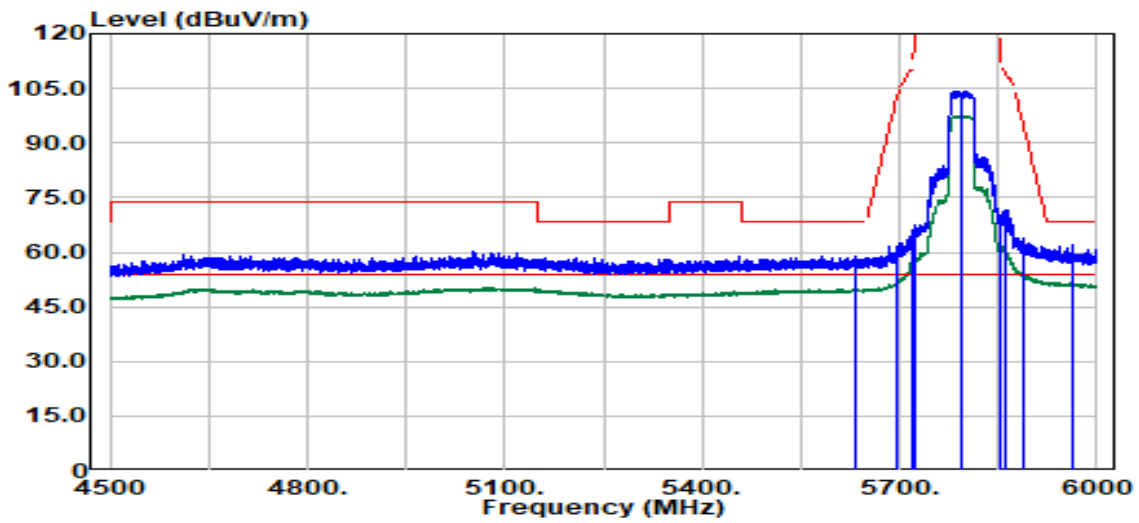
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5644.44	Peak	48.41	11.68	60.09	68.20	-8.11
5690.95	Peak	55.44	12.08	67.52	98.53	-31.00
5713.95	Peak	68.40	12.24	80.64	109.11	-28.47
5724.45	Peak	68.84	12.29	81.13	120.96	-39.82
5755.00	Peak	91.09	12.45	103.54	--	--
5755.00	Average	83.90	12.45	96.35	--	--
5850.00	Peak	51.84	12.47	64.31	122.20	-57.89
5867.23	Peak	49.97	12.43	62.40	107.37	-44.98
5876.73	Peak	48.24	12.41	60.65	103.91	-43.26
5929.49	Peak	48.46	12.35	60.82	68.20	-7.38

Test Mode	IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
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)
5644.19	Peak	47.44	11.68	59.12	68.20	-9.08
5697.45	Peak	50.76	12.14	62.90	103.32	-40.42
5716.45	Peak	57.12	12.25	69.37	109.81	-40.44
5720.70	Peak	57.87	12.27	70.14	112.41	-42.26
5795.00	Peak	93.64	12.65	106.29	--	--
5795.00	Average	86.70	12.65	99.35	--	--
5850.98	Peak	59.33	12.47	71.80	119.98	-48.17
5865.98	Peak	58.55	12.43	70.99	107.72	-36.73
5876.23	Peak	56.04	12.41	68.45	104.29	-35.83
5929.49	Peak	48.44	12.35	60.79	68.20	-7.41

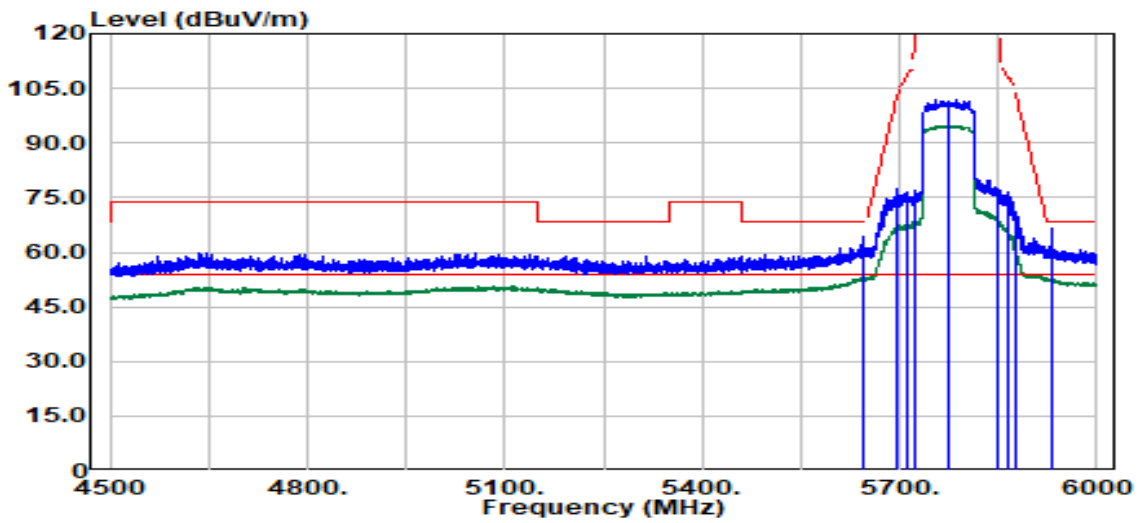
Test Mode	IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Trace: 1

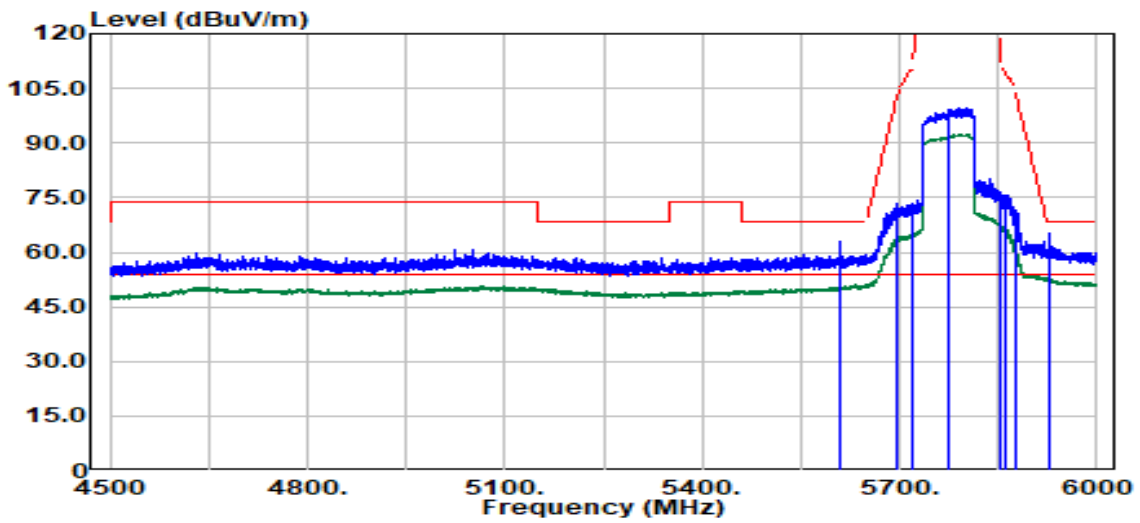
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5632.69	Peak	47.29	11.62	58.91	68.20	-9.29
5696.95	Peak	49.45	12.13	61.58	102.95	-41.37
5718.95	Peak	53.82	12.26	66.08	110.51	-44.43
5722.95	Peak	54.57	12.28	66.86	117.54	-50.68
5795.00	Peak	91.59	12.65	104.23	--	--
5795.00	Average	84.67	12.65	97.31	--	--
5852.23	Peak	57.71	12.47	70.18	117.12	-46.95
5860.73	Peak	59.25	12.45	71.70	109.19	-37.49
5890.48	Peak	51.66	12.38	64.04	93.71	-29.67
5963.24	Peak	49.72	12.36	62.08	68.20	-6.12

Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
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)
5644.44	Peak	52.93	11.68	64.61	68.20	-3.59
5694.95	Peak	65.10	12.11	77.21	101.48	-24.27
5712.20	Peak	64.12	12.23	76.35	108.62	-32.27
5724.45	Peak	64.48	12.29	76.77	120.96	-44.19
5775.00	Peak	89.29	12.55	101.84	--	--
5775.00	Average	82.27	12.55	94.82	--	--
5850.23	Peak	64.78	12.47	77.25	121.69	-44.44
5865.23	Peak	63.96	12.44	76.39	107.93	-31.54
5874.98	Peak	58.47	12.42	70.88	105.21	-34.32
5930.99	Peak	54.76	12.35	67.11	68.20	-1.09

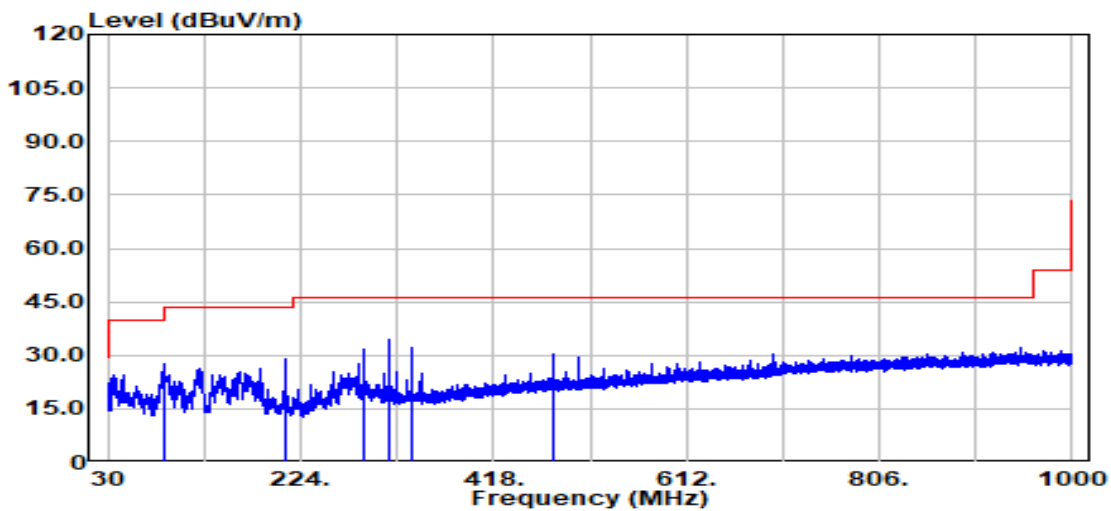
Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Band Edge	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5609.19	Peak	51.89	11.50	63.39	68.20	-4.81
5696.45	Peak	61.17	12.13	73.30	102.58	-29.28
5719.70	Peak	61.17	12.27	73.43	110.72	-37.28
5720.95	Peak	60.86	12.27	73.13	112.98	-39.85
5775.00	Peak	87.03	12.55	99.58	--	--
5775.00	Average	79.95	12.55	92.50	--	--
5853.48	Peak	64.09	12.46	76.56	114.27	-37.72
5859.73	Peak	63.18	12.45	75.63	109.47	-33.85
5874.98	Peak	59.05	12.42	71.46	105.21	-33.74
5929.49	Peak	53.09	12.35	65.45	68.20	-2.75

**Below 1G Test Data:**

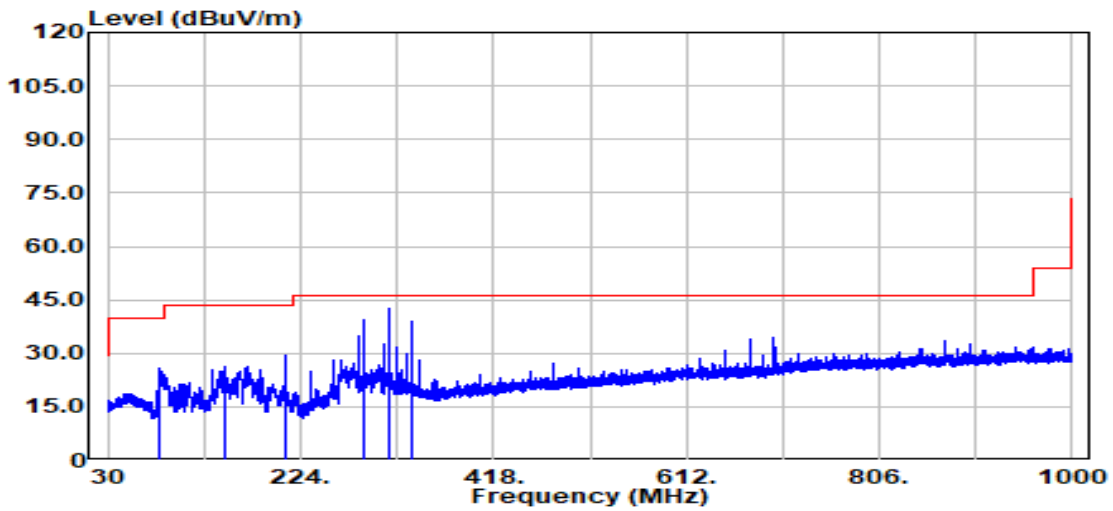
Test Mode	Mode 2 IEEE 802.11a / 5500 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	30MHz-1GHz	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
86.55	Peak	46.42	-18.85	27.57	40.00	-12.43
208.87	Peak	44.90	-16.07	28.83	43.50	-14.67
288.02	Peak	44.06	-12.54	31.53	46.00	-14.47
311.98	Peak	46.55	-11.92	34.63	46.00	-11.37
336.04	Peak	43.37	-11.23	32.14	46.00	-13.86
479.21	Peak	38.17	-7.84	30.33	46.00	-15.67

**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.

Test Mode	Mode 2 IEEE 802.11a / 5500 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	30MHz-1GHz	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
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)
82.67	Peak	44.04	-18.29	25.76	40.00	-14.24
146.98	Peak	39.20	-12.97	26.23	43.50	-17.27
208.87	Peak	45.69	-16.07	29.62	43.50	-13.88
288.02	Peak	52.06	-12.54	39.53	46.00	-6.47
311.98	Peak	54.46	-11.92	42.54	46.00	-3.46
336.04	Peak	50.33	-11.23	39.10	46.00	-6.90

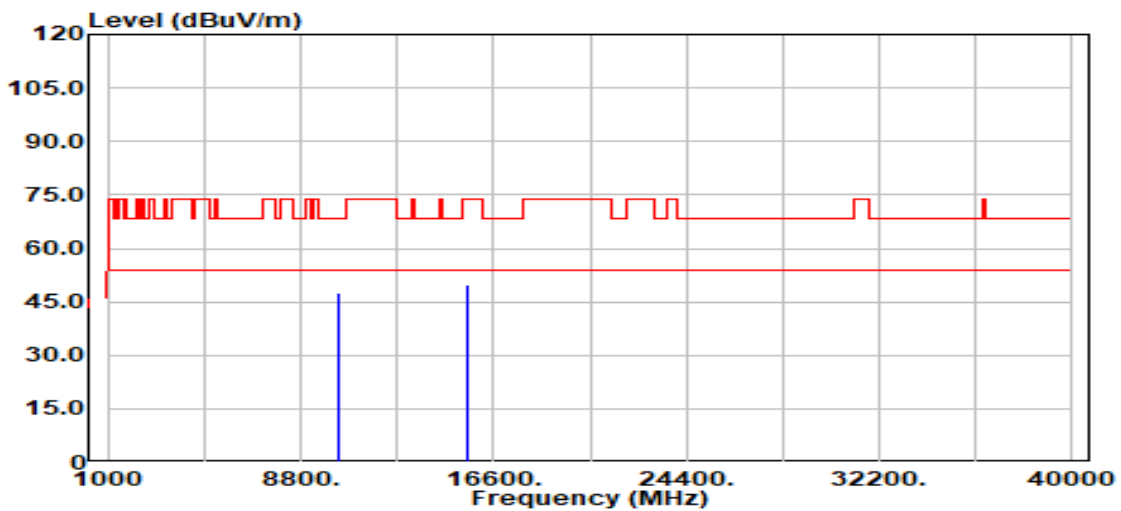
**Note:** 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)  
 2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.



**Above 1G Test Data:**

**Test Data for UNII-1**

Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

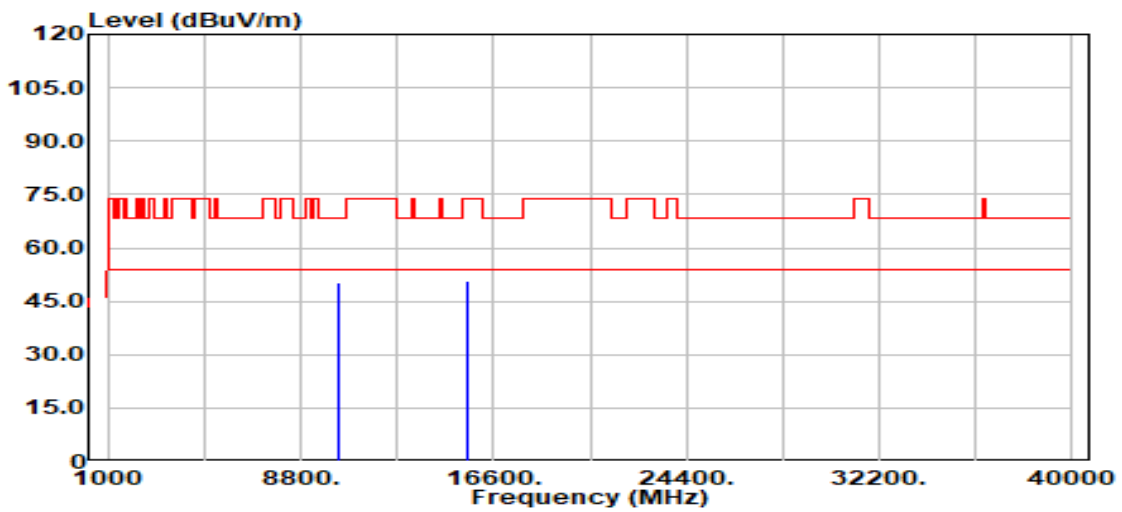


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10360.00	Peak	43.18	4.45	47.63	68.20	-20.57
15540.00	Peak	42.91	7.11	50.02	74.00	-23.98
15540.00	Average	32.88	7.11	40.00	54.00	-14.00
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
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)
10360.00	Peak	45.71	4.45	50.16	68.20	-18.04
15540.00	Peak	43.38	7.11	50.50	74.00	-23.50
15540.00	Average	32.59	7.11	39.70	54.00	-14.30
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5220 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonics	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
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)
10440.00	Peak	43.68	4.15	47.83	68.20	-20.37
15660.00	Peak	44.05	7.33	51.38	74.00	-22.62
15660.00	Average	32.87	7.33	40.20	54.00	-13.80
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5220 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

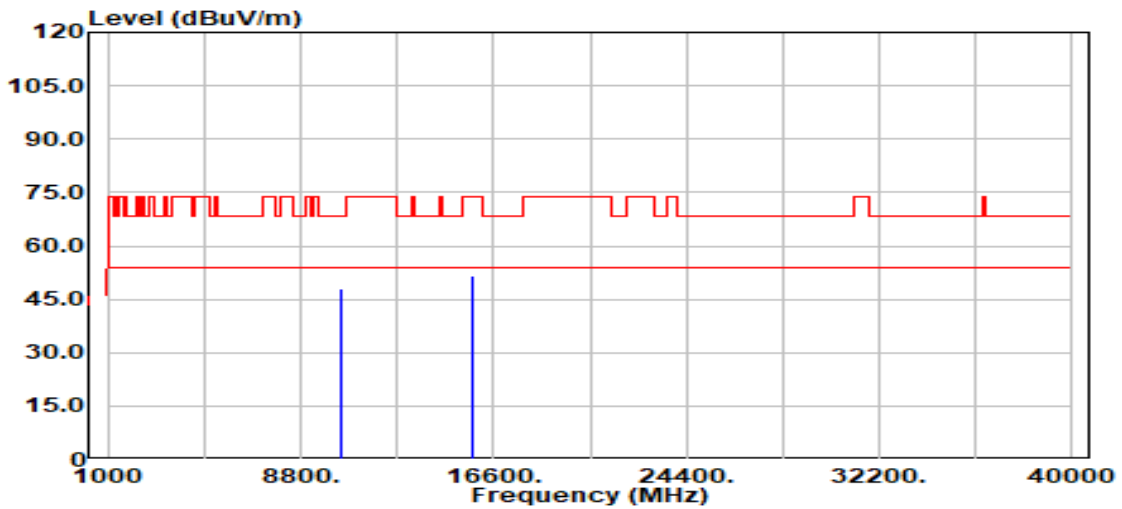


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10440.00	Peak	46.46	4.15	50.61	68.20	-17.59
15660.00	Peak	43.76	7.33	51.09	74.00	-22.91
15660.00	Average	33.22	7.33	40.55	54.00	-13.45
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5240 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

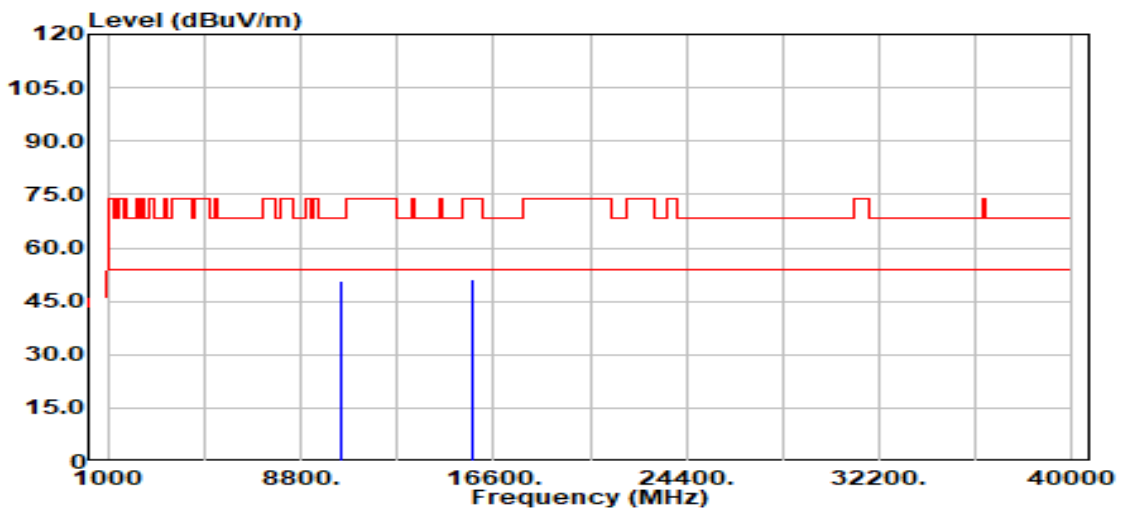


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10480.00	Peak	43.94	4.05	47.99	68.20	-20.21
15720.00	Peak	43.98	7.53	51.52	74.00	-22.48
15720.00	Average	32.68	7.53	40.21	54.00	-13.79
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5240 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

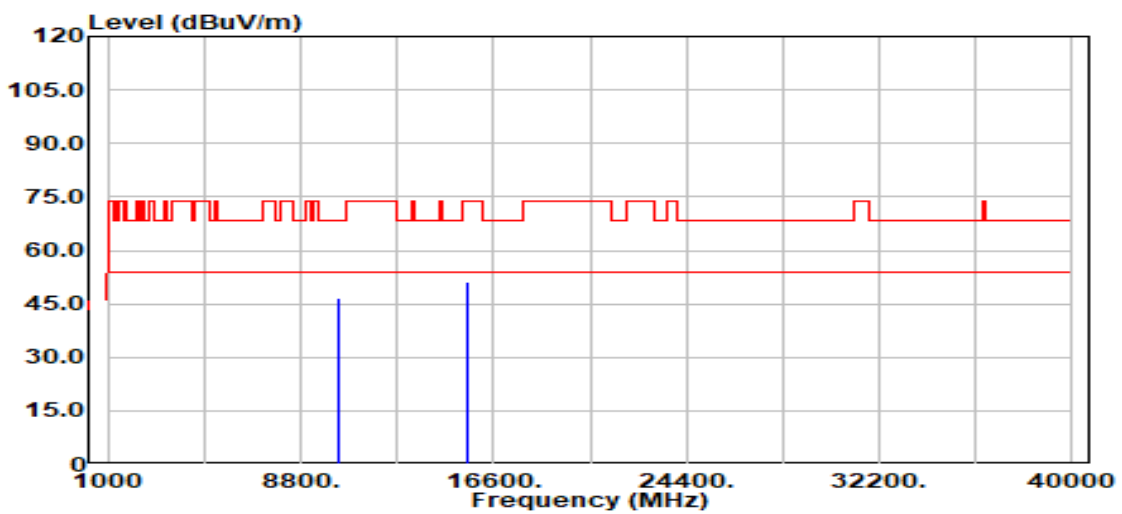


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10480.00	Peak	46.87	4.05	50.92	68.20	-17.28
15720.00	Peak	43.59	7.53	51.12	74.00	-22.88
15720.00	Average	34.21	7.53	41.75	54.00	-12.25
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5180 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

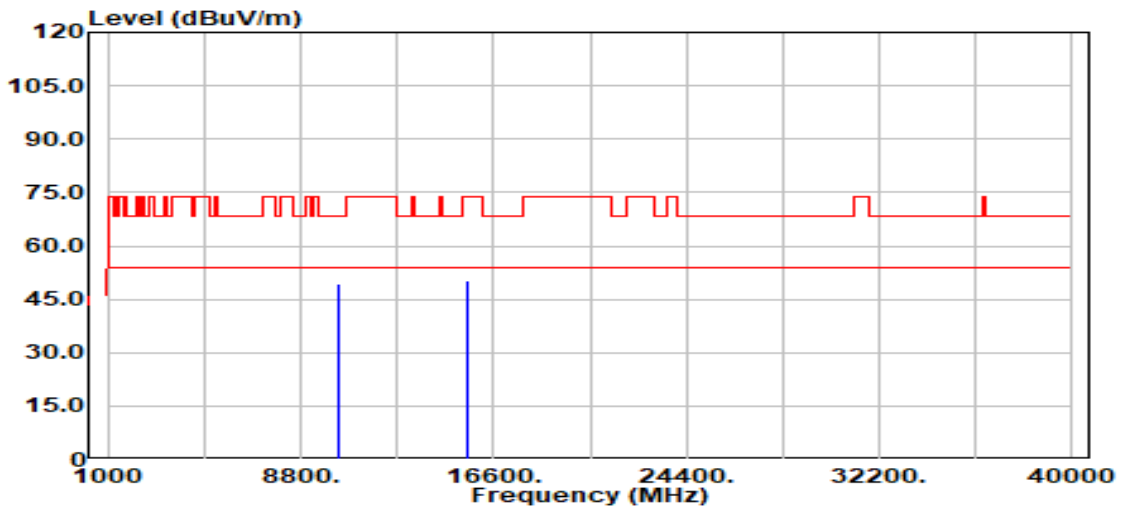


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10360.00	Peak	42.35	4.45	46.80	68.20	-21.40
15540.00	Peak	44.11	7.11	51.22	74.00	-22.78
15540.00	Average	32.43	7.11	39.55	54.00	-14.45
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5180 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



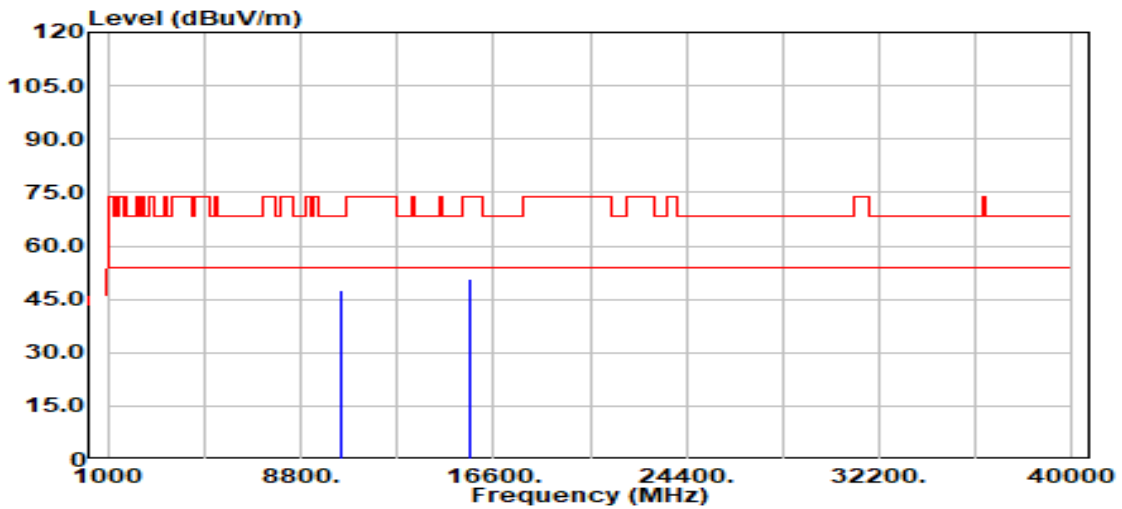
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10360.00	Peak	44.75	4.45	49.20	68.20	-19.00
15540.00	Peak	43.07	7.11	50.18	74.00	-23.82
15540.00	Average	32.13	7.11	39.24	54.00	-14.76
N/A						

**Remark:**

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



Test Mode	IEEE 802.11n HT20 / 5220 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

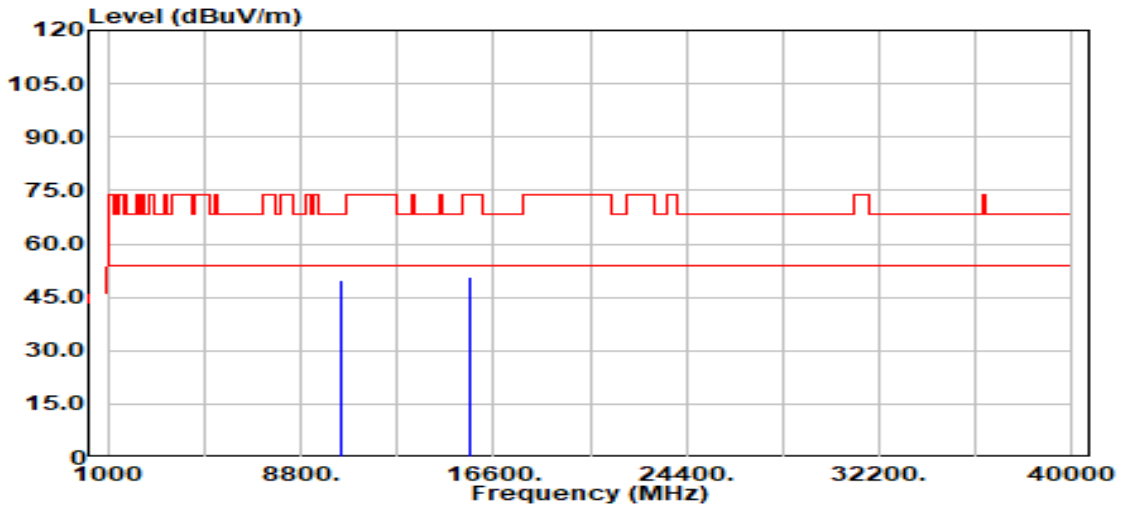


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10440.00	Peak	43.29	4.15	47.44	68.20	-20.76
15660.00	Peak	43.45	7.33	50.79	74.00	-23.21
15660.00	Average	33.15	7.33	40.49	54.00	-13.51
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5220 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

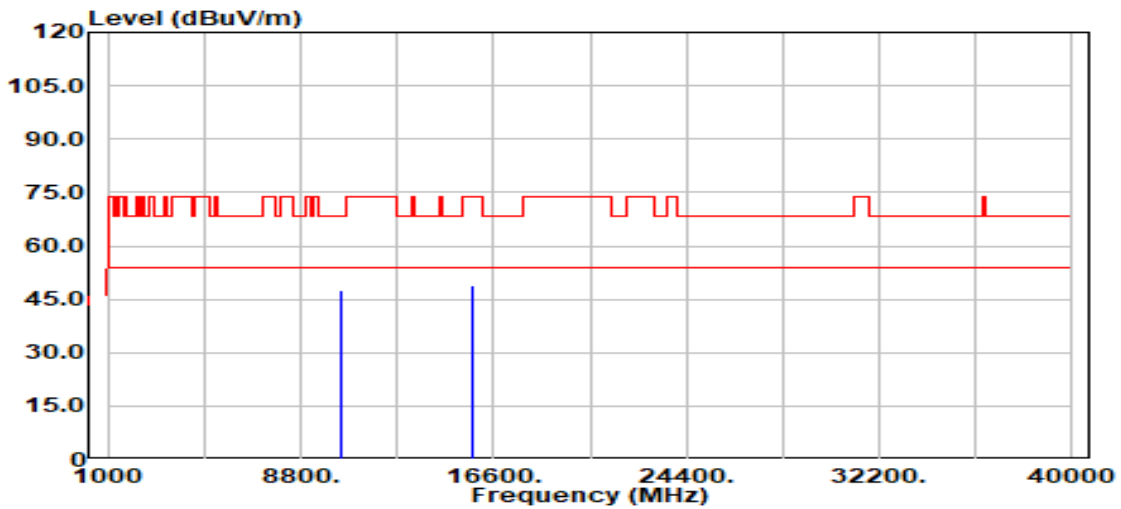


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10440.00	Peak	45.73	4.15	49.88	68.20	-18.32
15660.00	Peak	43.23	7.33	50.56	74.00	-23.44
15660.00	Average	32.90	7.33	40.23	54.00	-13.77
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5240 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

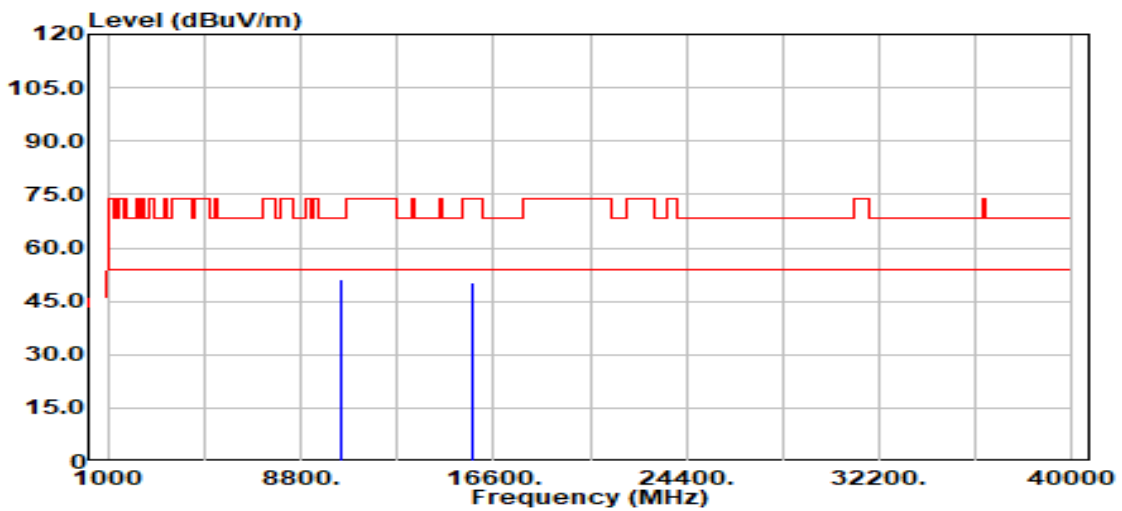


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10480.00	Peak	43.41	4.05	47.46	68.20	-20.74
15720.00	Peak	41.60	7.53	49.13	74.00	-24.87
15720.00	Average	32.66	7.53	40.19	54.00	-13.81
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5240 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

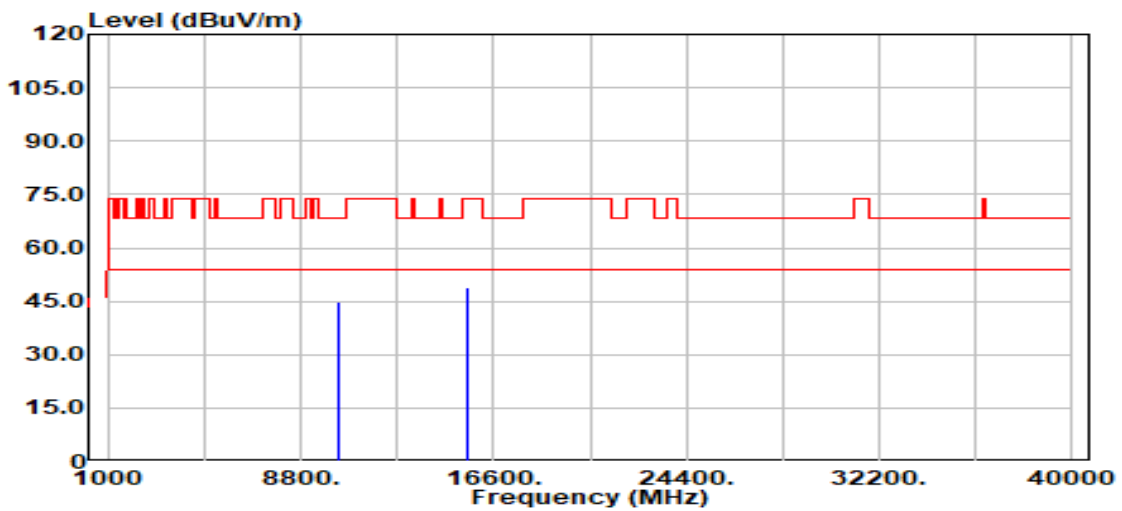


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10480.00	Peak	47.03	4.05	51.08	68.20	-17.12
15720.00	Peak	42.58	7.53	50.11	74.00	-23.89
15720.00	Average	33.62	7.53	41.15	54.00	-12.85
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

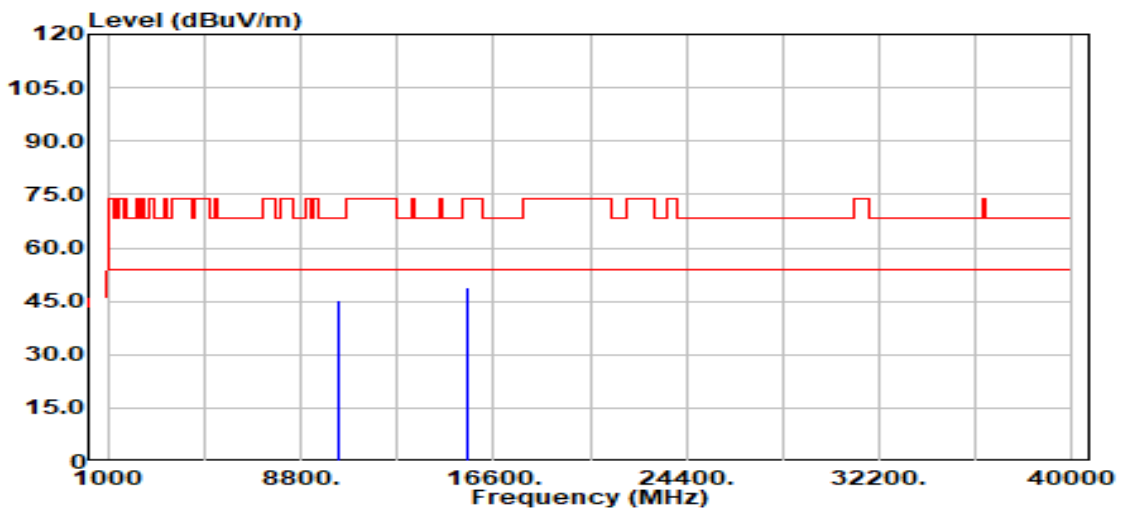


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10380.00	Peak	40.58	4.44	45.02	68.20	-23.18
15570.00	Peak	41.85	7.11	48.97	74.00	-25.03
15570.00	Average	32.86	7.11	39.97	54.00	-14.03
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

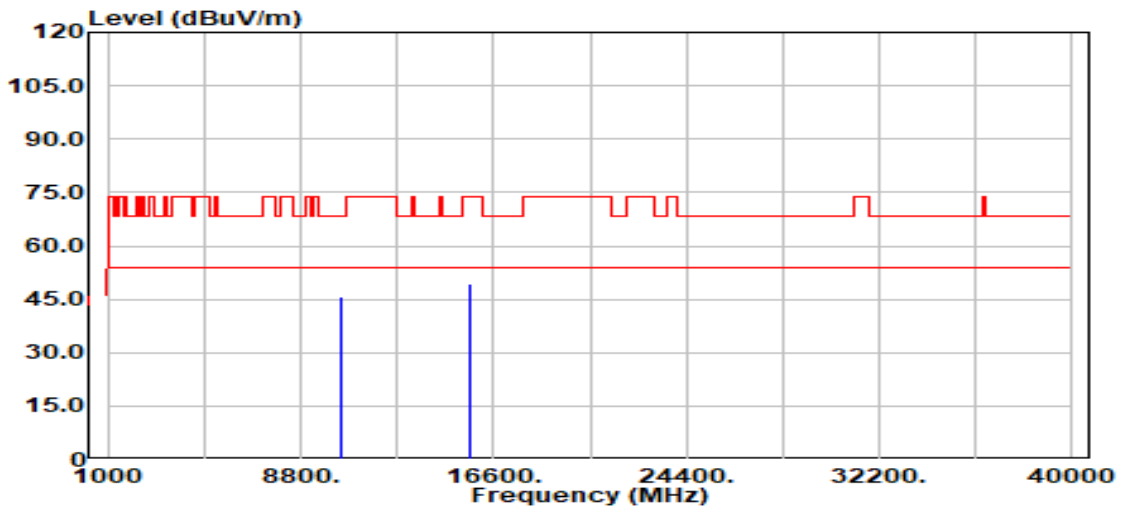


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10380.00	Peak	40.65	4.44	45.09	68.20	-23.11
15570.00	Peak	41.83	7.11	48.94	74.00	-25.06
15570.00	Average	33.10	7.11	40.21	54.00	-13.79
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5230 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

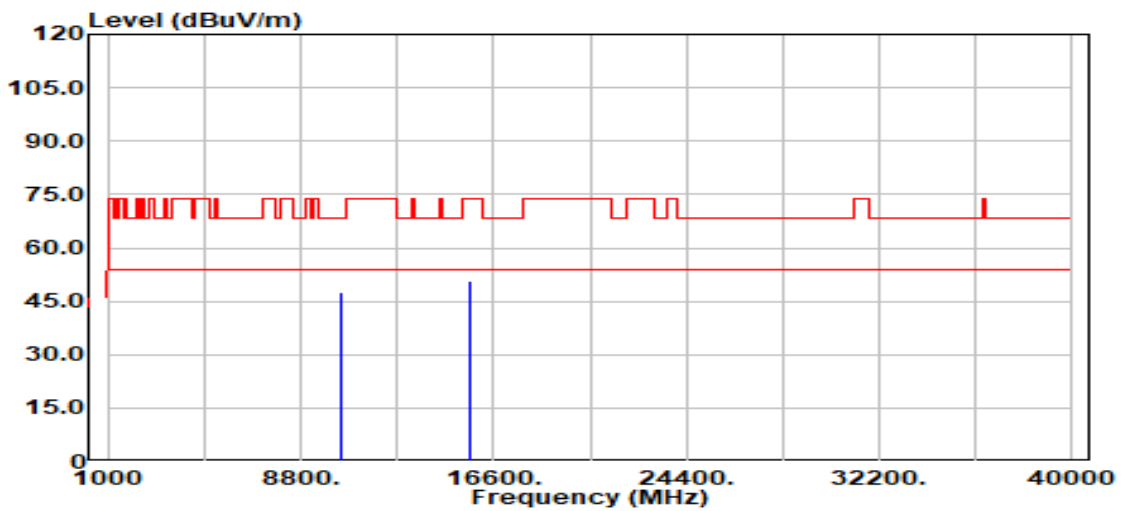


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10460.00	Peak	41.70	4.07	45.77	68.20	-22.43
15690.00	Peak	42.27	7.29	49.56	74.00	-24.44
15690.00	Average	33.63	7.29	40.91	54.00	-13.09
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5230 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



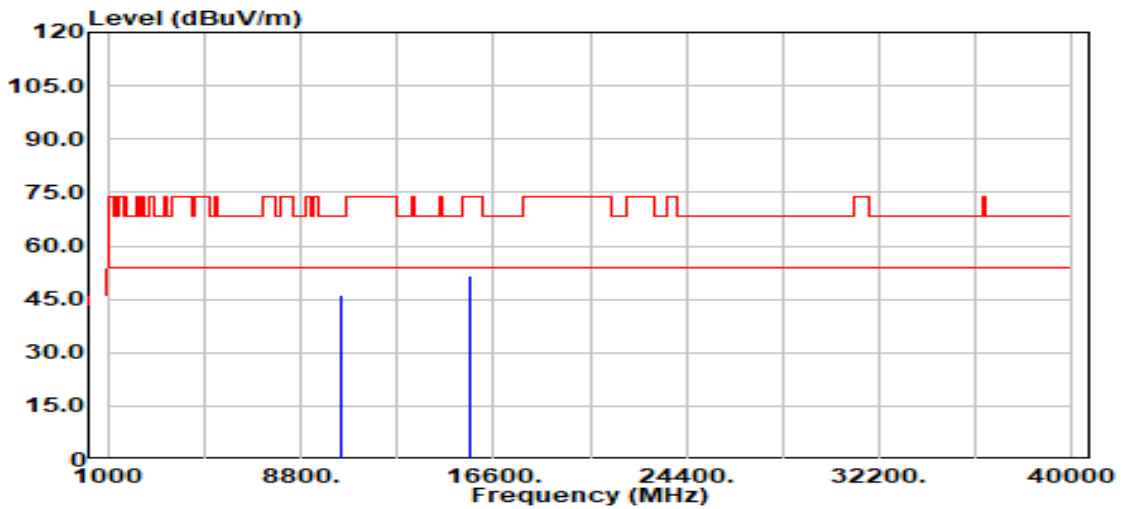
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10460.00	Peak	43.51	4.07	47.58	68.20	-20.62
15690.00	Peak	43.40	7.29	50.69	74.00	-23.31
15690.00	Average	33.51	7.29	40.79	54.00	-13.21
N/A						

**Remark:**

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



Test Mode	IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

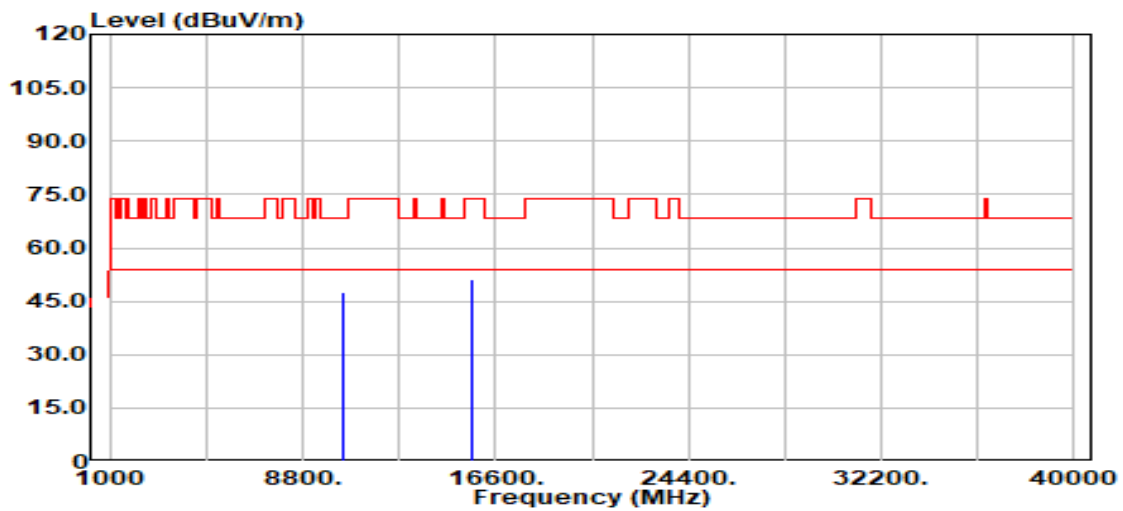


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10420.00	Peak	42.04	4.29	46.33	68.20	-21.87
15630.00	Peak	44.41	7.27	51.68	74.00	-22.32
15630.00	Average	34.21	7.27	41.48	54.00	-12.52
N/A						

**Remark:**

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

Test Mode	IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



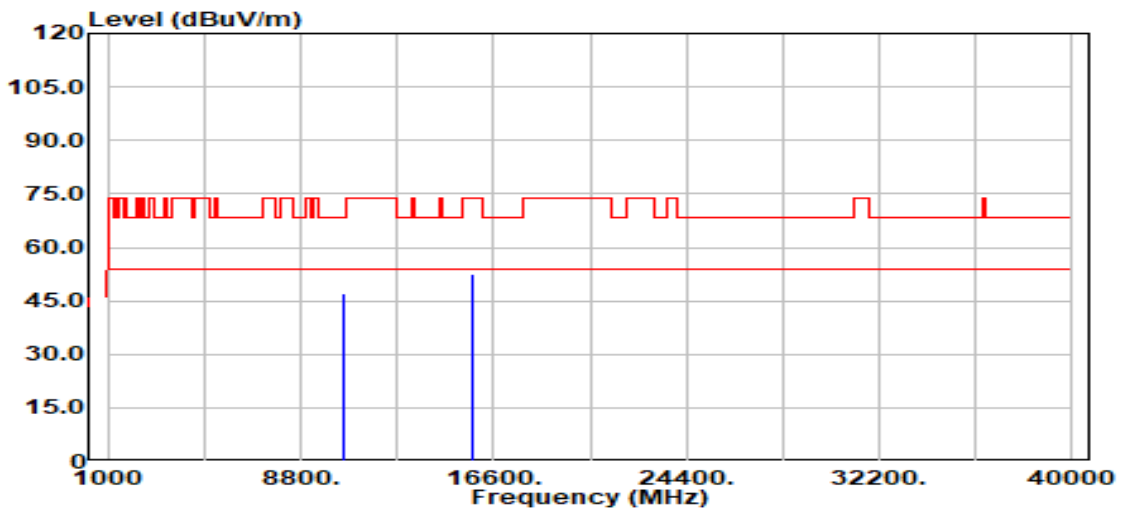
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10420.00	Peak	43.08	4.29	47.37	68.20	-20.83
15630.00	Peak	44.09	7.27	51.36	74.00	-22.64
15630.00	Average	34.66	7.27	41.93	54.00	-12.07
N/A						

**Remark:**

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

**Test Data for UNII-2a**

Test Mode	IEEE 802.11a / 5260 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

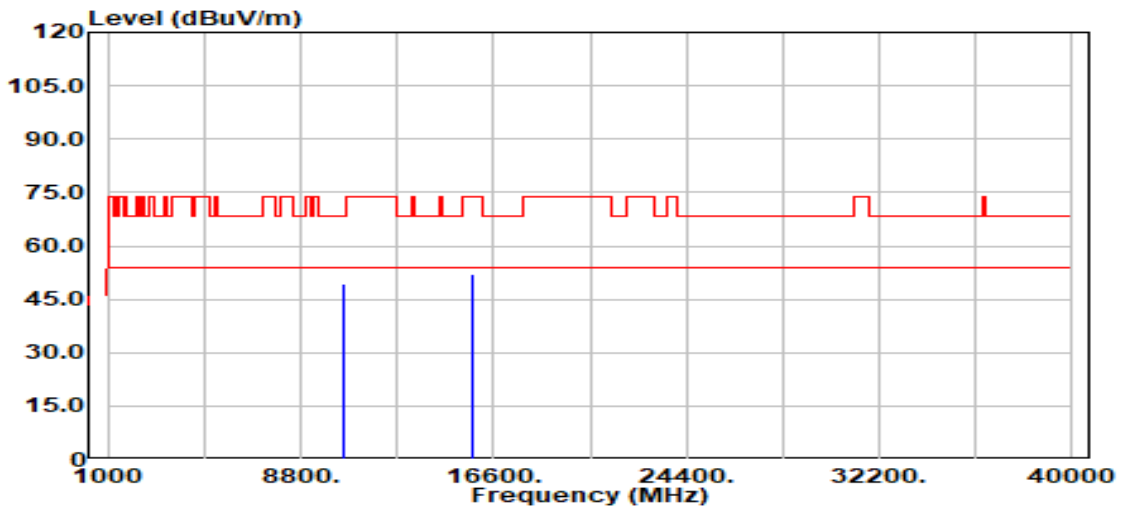


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10520.00	Peak	43.06	4.04	47.10	68.20	-21.10
15780.00	Peak	44.45	7.89	52.34	74.00	-21.66
15780.00	Average	33.89	7.89	41.77	54.00	-12.23
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5260 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

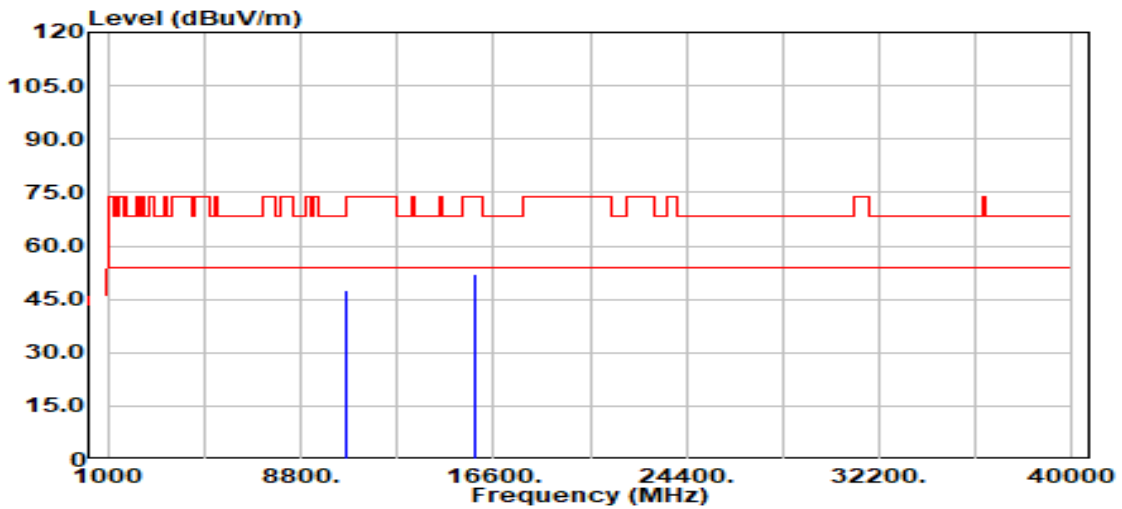


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10520.00	Peak	45.35	4.04	49.40	68.20	-18.80
15780.00	Peak	43.98	7.89	51.87	74.00	-22.13
15780.00	Average	34.31	7.89	42.19	54.00	-11.81
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5300 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonics	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

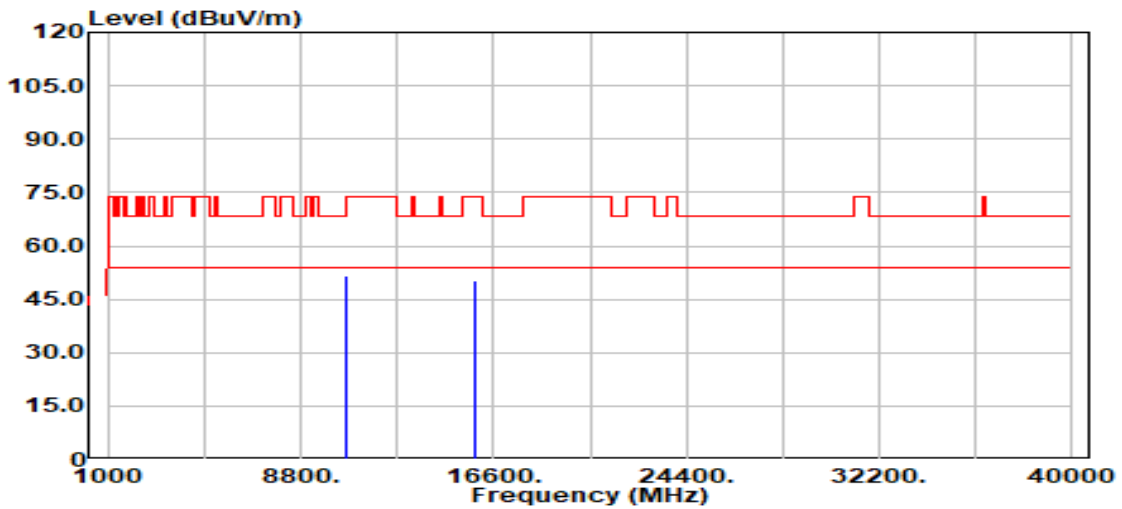


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10600.00	Peak	43.24	4.12	47.36	74.00	-26.64
10600.00	Average	35.56	4.12	39.68	54.00	-14.32
15900.00	Peak	44.22	7.99	52.21	74.00	-21.79
15900.00	Average	34.18	7.99	42.17	54.00	-11.83

**Remark:**

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

Test Mode	IEEE 802.11a / 5300 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

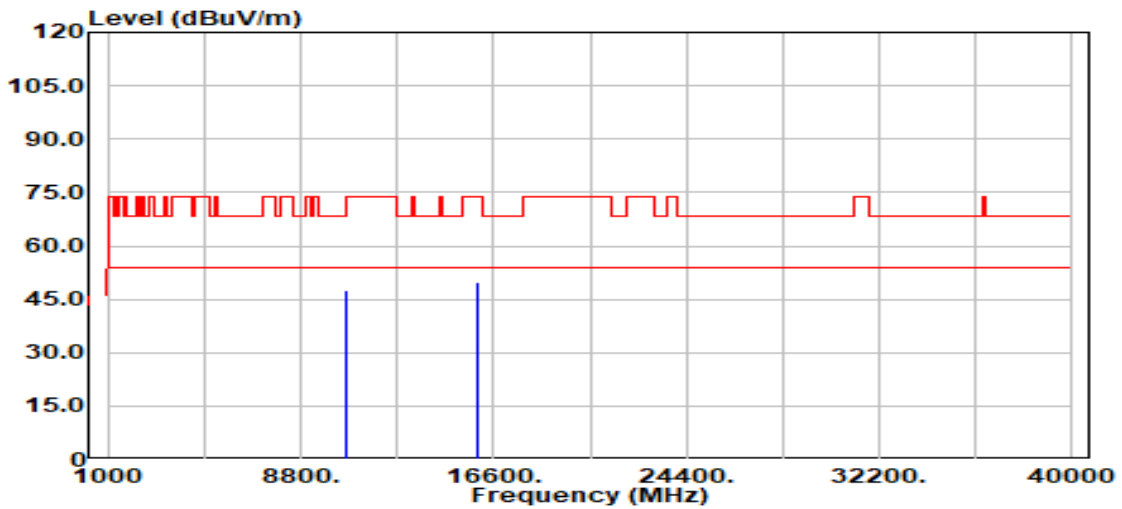


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10600.00	Peak	47.35	4.12	51.47	74.00	-22.53
10600.00	Average	39.77	4.12	43.89	54.00	-10.11
15900.00	Peak	42.10	7.99	50.09	74.00	-23.91
15900.00	Average	33.82	7.99	41.81	54.00	-12.19

**Remark:**

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

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10640.00	Peak	43.64	4.10	47.74	74.00	-26.26
10640.00	Average	34.55	4.10	38.65	54.00	-15.35
15960.00	Peak	42.00	7.59	49.59	74.00	-24.41
15960.00	Average	33.74	7.59	41.33	54.00	-12.67

**Remark:**

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

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



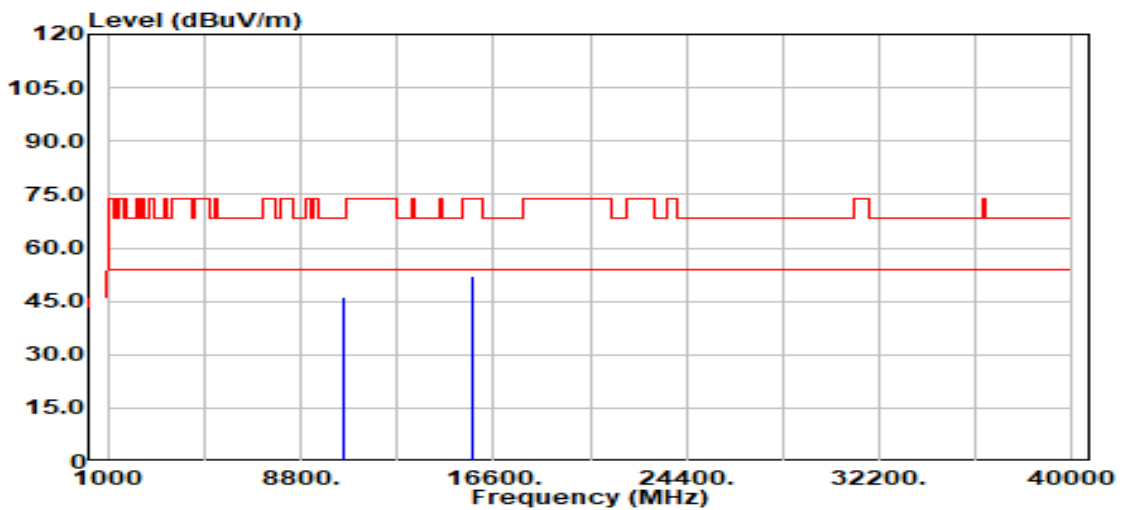
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBµV/m)	Margin (dB)
10640.00	Peak	47.20	4.10	51.30	74.00	-22.70
10640.00	Average	38.64	4.10	42.74	54.00	-11.26
15960.00	Peak	42.33	7.59	49.92	74.00	-24.08
15960.00	Average	33.03	7.59	40.62	54.00	-13.38

**Remark:**

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



Test Mode	IEEE 802.11n HT20 / 5260 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

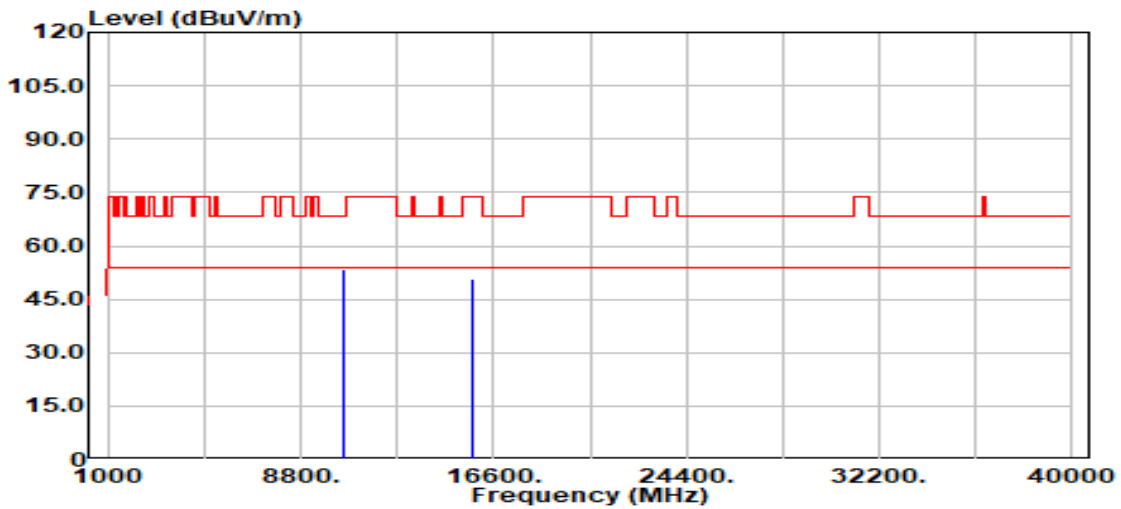


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
10520.00	Peak	42.00	4.04	46.04	68.20	-22.16
15780.00	Peak	43.97	7.89	51.86	74.00	-22.14
15780.00	Average	33.22	7.89	41.10	54.00	-12.90
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5260 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

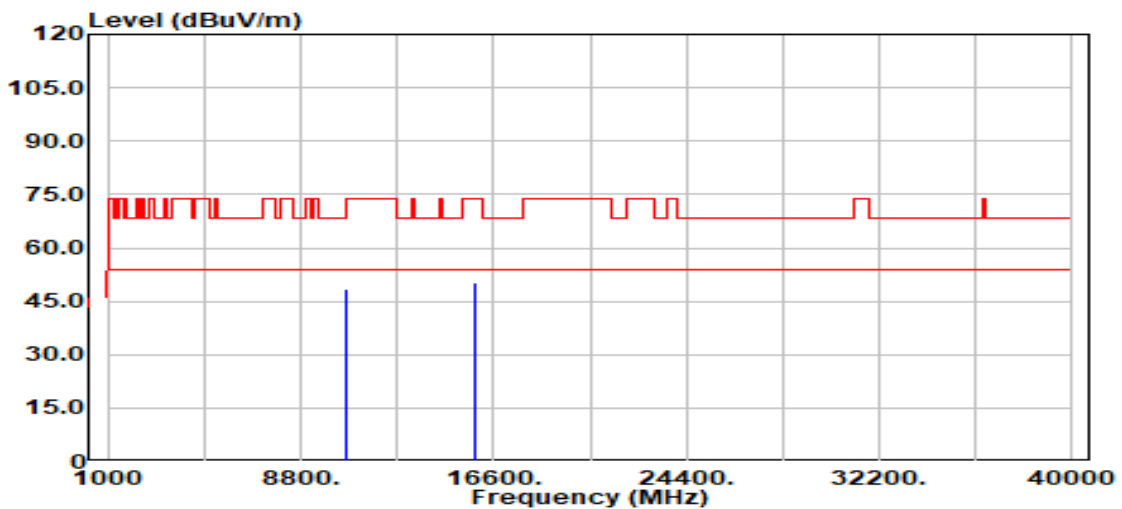


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10520.00	Peak	49.38	4.04	53.42	68.20	-14.78
15780.00	Peak	42.92	7.89	50.81	74.00	-23.19
15780.00	Average	31.65	7.89	39.54	54.00	-14.46
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5300 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

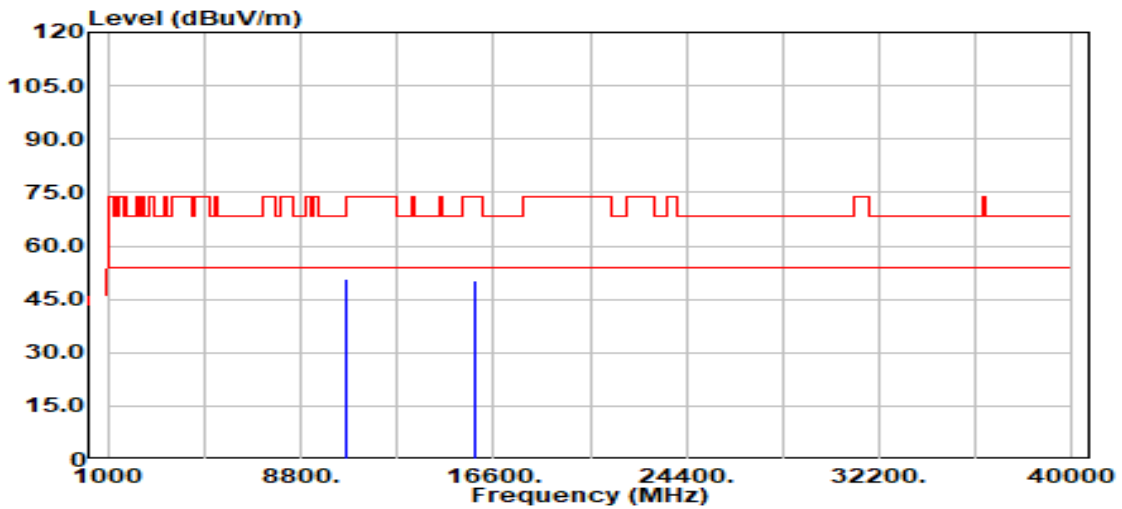


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10600.00	Peak	44.24	4.12	48.36	74.00	-25.64
10600.00	Average	35.98	4.12	40.10	54.00	-13.90
15900.00	Peak	42.37	7.99	50.36	74.00	-23.64
15900.00	Average	33.42	7.99	41.41	54.00	-12.59

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5300 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

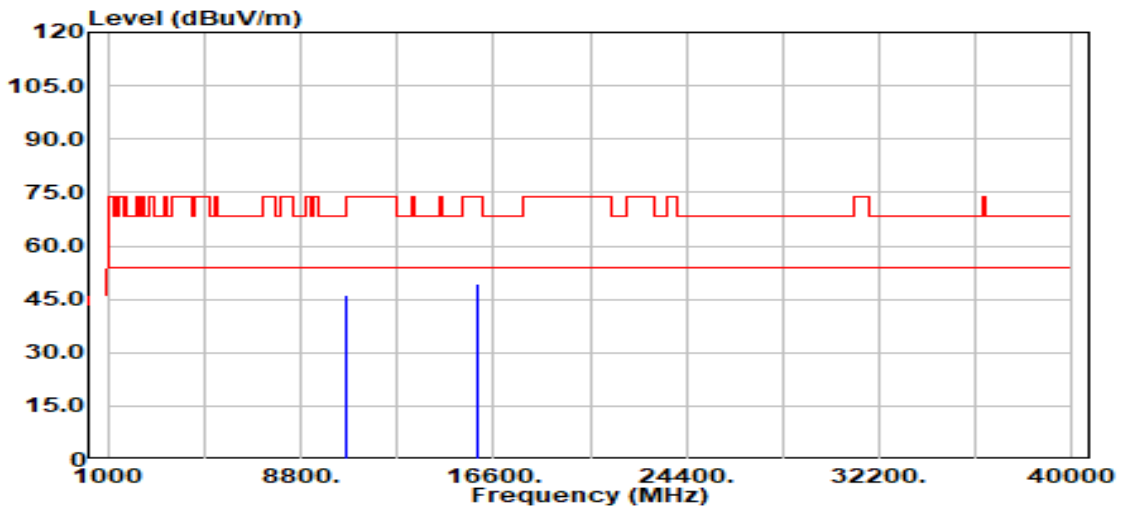


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10600.00	Peak	46.49	4.12	50.61	74.00	-23.39
10600.00	Average	39.59	4.12	43.71	54.00	-10.29
15900.00	Peak	42.37	7.99	50.36	74.00	-23.64
15900.00	Average	33.42	7.99	41.41	54.00	-12.60

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5320 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

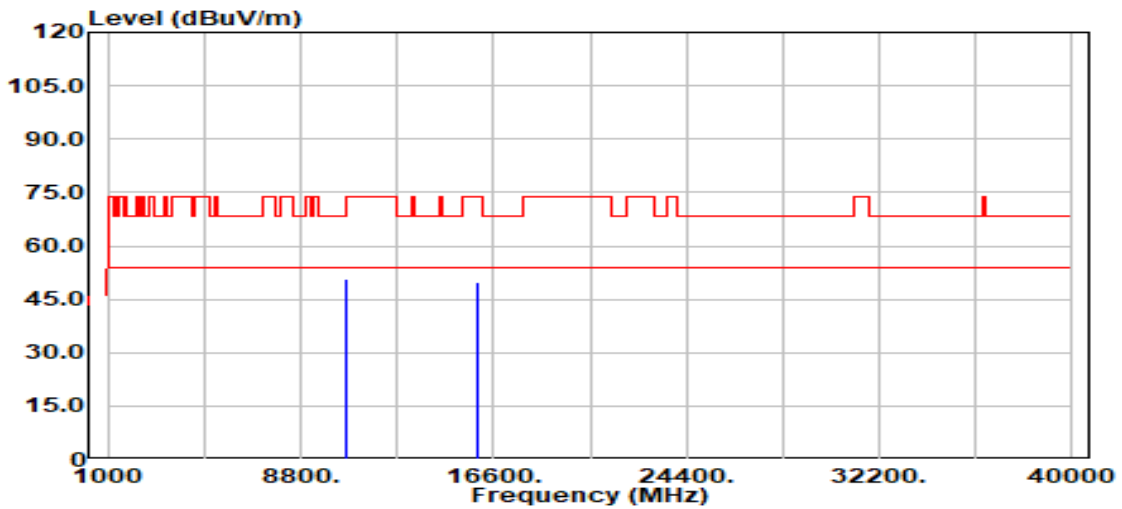


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10640.00	Peak	42.11	4.10	46.22	74.00	-27.78
10640.00	Average	34.92	4.10	39.02	54.00	-14.98
15960.00	Peak	41.79	7.59	49.38	74.00	-24.62
15960.00	Average	32.78	7.59	40.37	54.00	-13.63

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5320 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

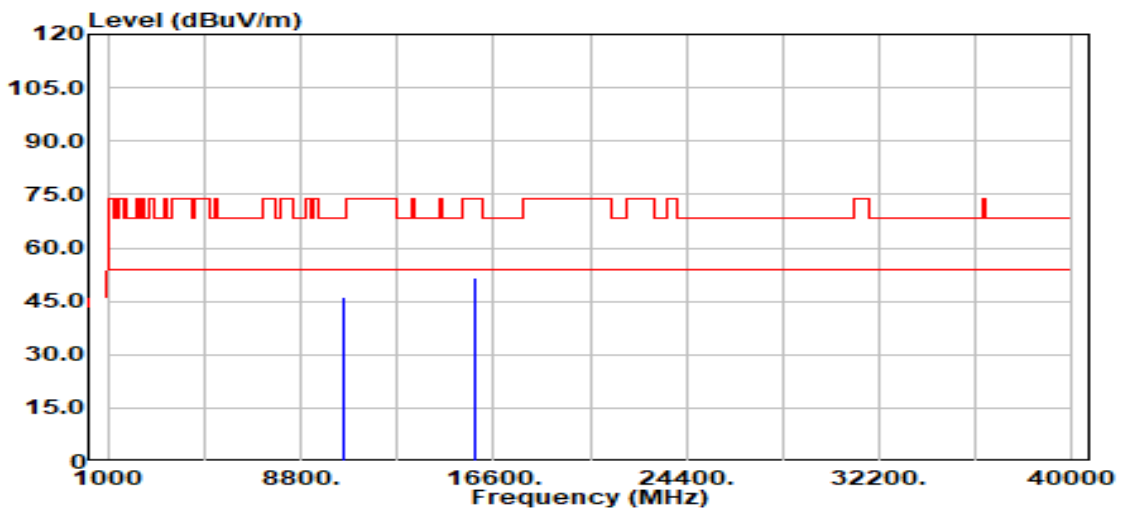


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10640.00	Peak	46.81	4.10	50.91	74.00	-23.09
10640.00	Average	38.92	4.10	43.02	54.00	-10.98
15960.00	Peak	42.03	7.59	49.62	74.00	-24.38
15960.00	Average	33.94	7.59	41.53	54.00	-12.47

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5270 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

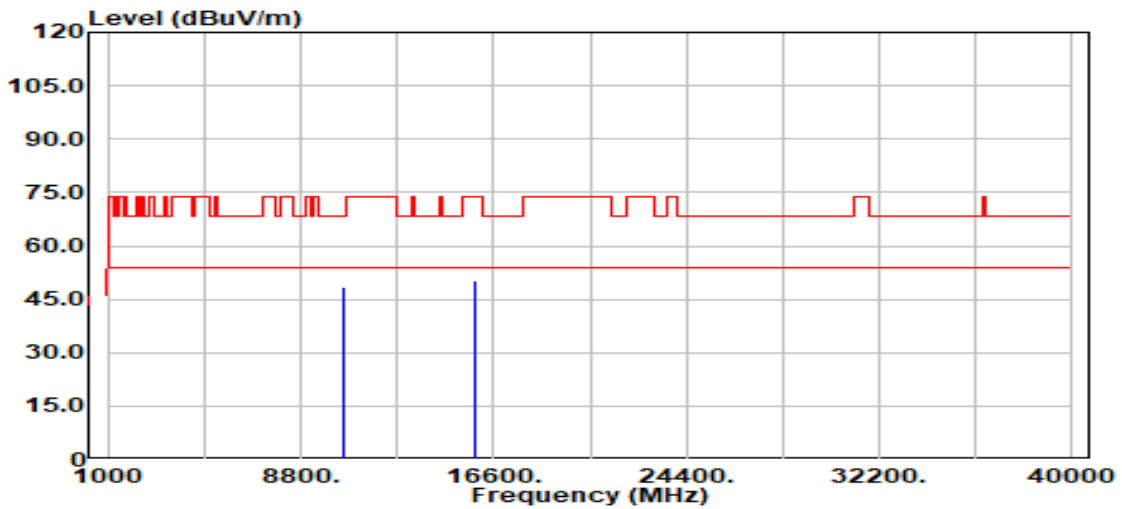


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10540.00	Peak	42.10	4.05	46.16	68.20	-22.04
15810.00	Peak	43.54	7.91	51.45	74.00	-22.55
15810.00	Average	31.13	7.91	39.04	54.00	-14.96
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5270 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



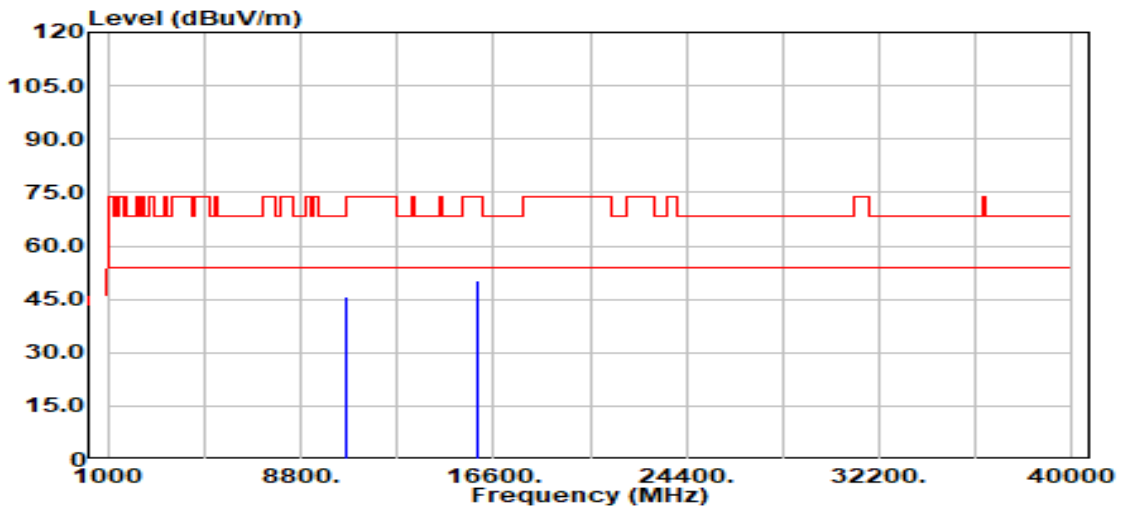
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10540.00	Peak	44.44	4.05	48.49	68.20	-19.71
15810.00	Peak	42.50	7.91	50.41	74.00	-23.59
15810.00	Average	34.63	7.91	42.54	54.00	-11.46
N/A						

**Remark:**

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



Test Mode	IEEE 802.11n HT40 / 5310 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

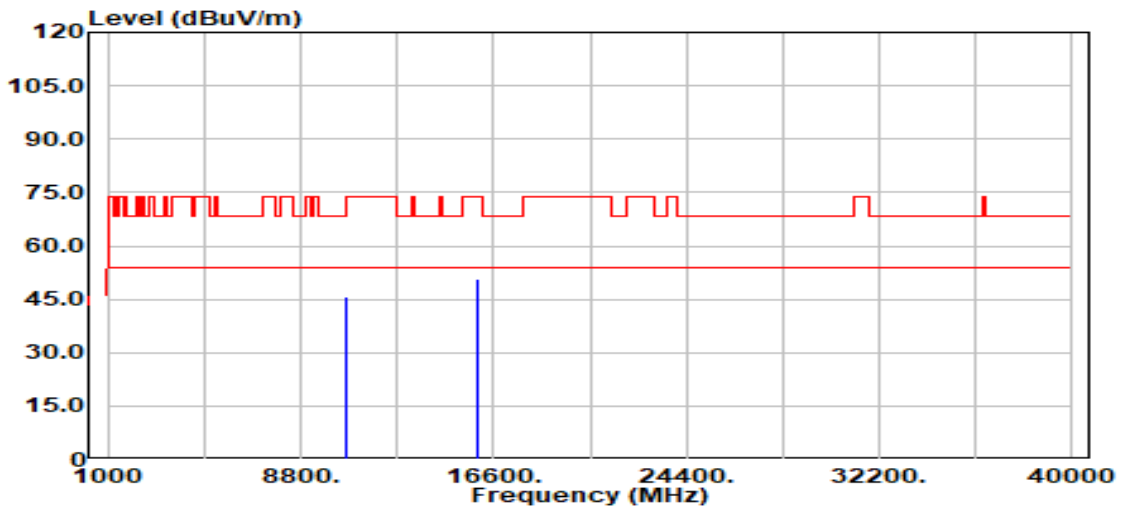


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10620.00	Peak	41.48	4.11	45.59	74.00	-28.41
10620.00	Average	33.96	4.11	38.07	54.00	-15.93
15930.00	Peak	42.39	7.75	50.14	74.00	-23.86
15930.00	Average	32.62	7.75	40.37	54.00	-13.63

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5310 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

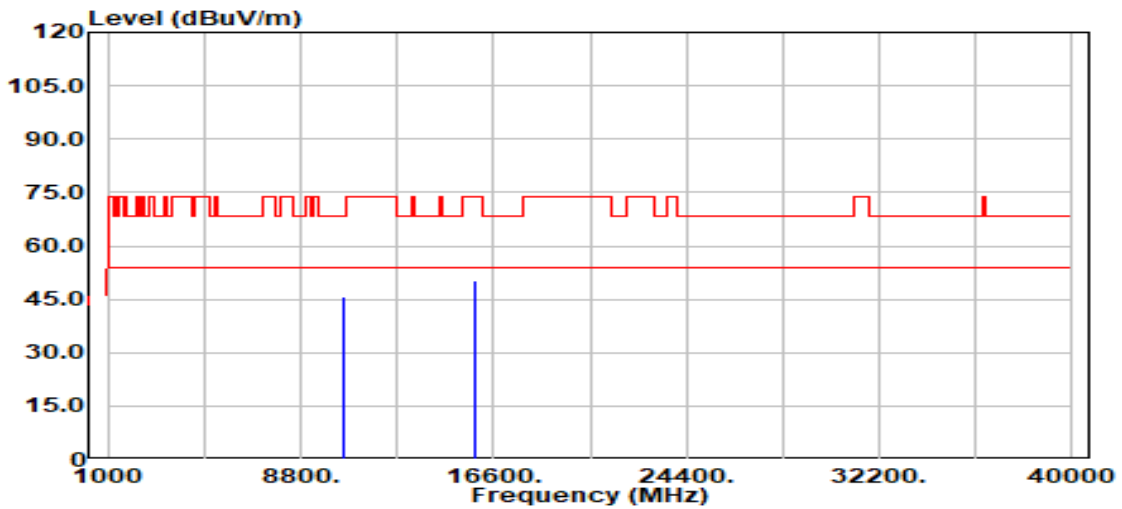


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
10620.00	Peak	41.54	4.11	45.66	74.00	-28.34
10620.00	Average	33.18	4.11	37.29	54.00	-16.71
15930.00	Peak	43.18	7.75	50.93	74.00	-23.07
15930.00	Average	34.58	7.75	42.33	54.00	-11.67

**Remark:**

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

Test Mode	IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

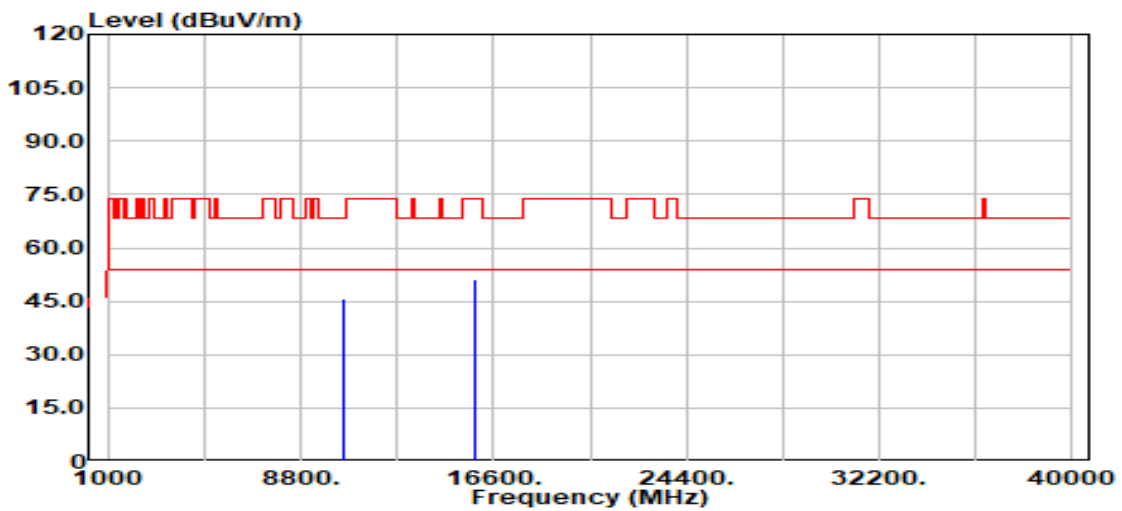


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
10580.00	Peak	41.45	4.10	45.54	68.20	-22.66
15870.00	Peak	42.35	8.06	50.41	74.00	-23.59
15870.00	Average	33.51	8.06	41.57	54.00	-12.43
N/A						

**Remark:**

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

Test Mode	IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



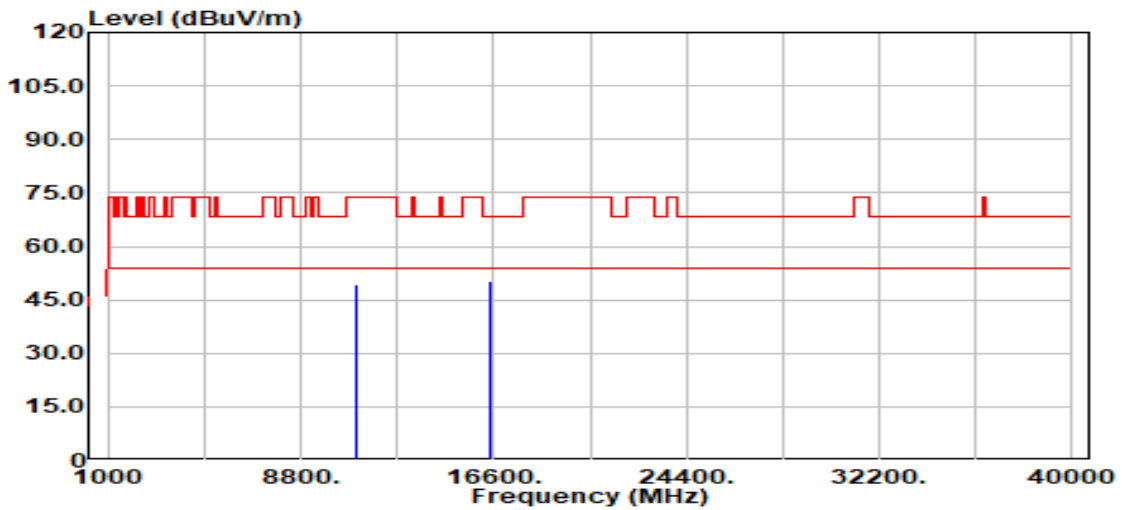
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBUV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
10580.00	Peak	41.83	4.10	45.92	68.20	-22.28
15870.00	Peak	42.93	8.06	51.00	74.00	-23.00
15870.00	Average	33.86	8.06	41.92	54.00	-12.08
N/A						

**Remark:**

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

**Test Data for UNII-2c**

Test Mode	IEEE 802.11a / 5500 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

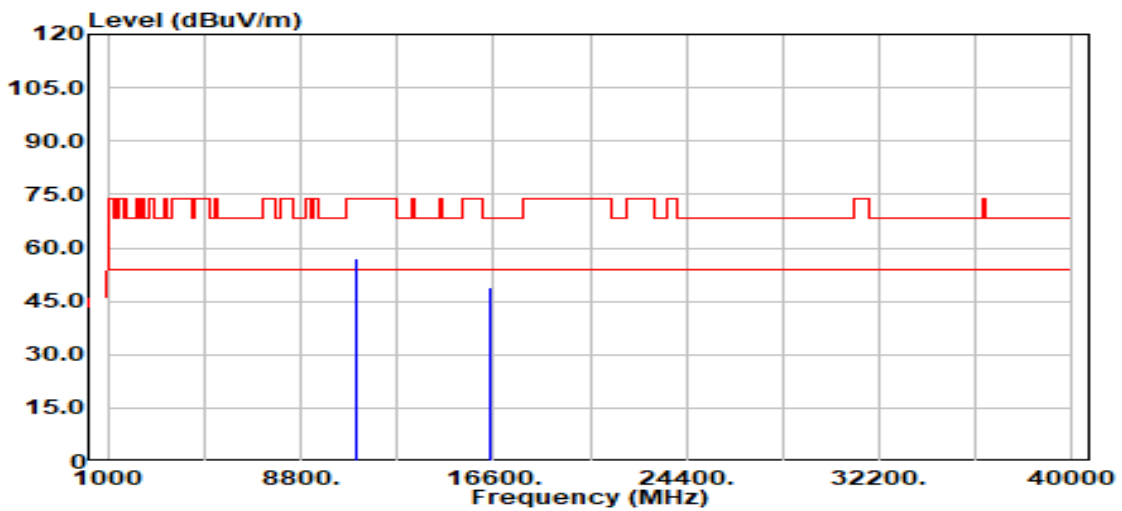


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11000.00	Peak	45.04	4.50	49.54	74.00	-24.46
11000.00	Average	38.50	4.50	43.00	54.00	-11.00
16500.00	Peak	43.80	6.45	50.25	68.20	-17.95
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5500 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

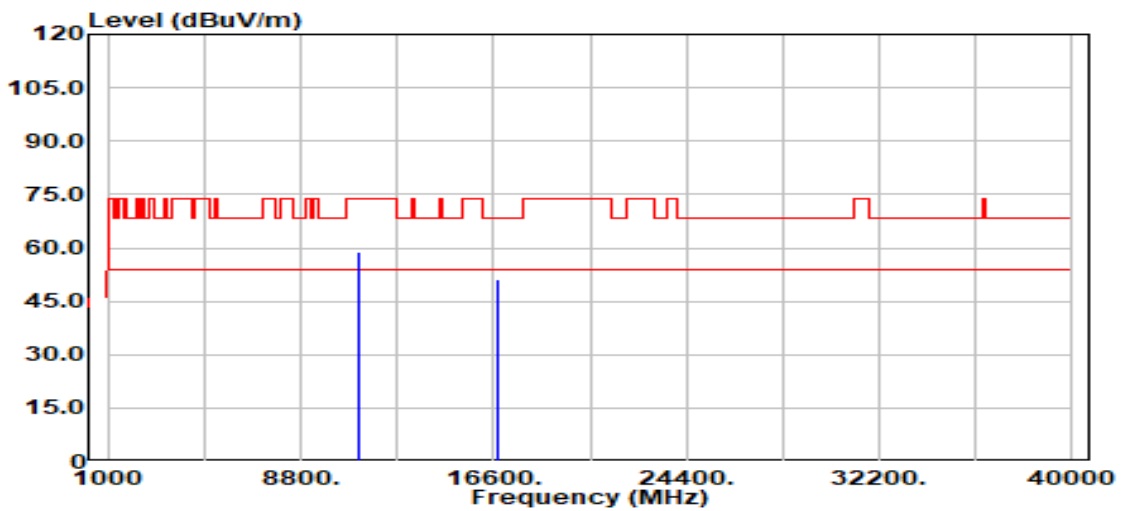


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11000.00	Peak	52.43	4.50	56.93	74.00	-17.07
11000.00	Average	44.77	4.50	49.27	54.00	-4.73
16500.00	Peak	42.67	6.45	49.12	68.20	-19.08
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5580 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonics	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

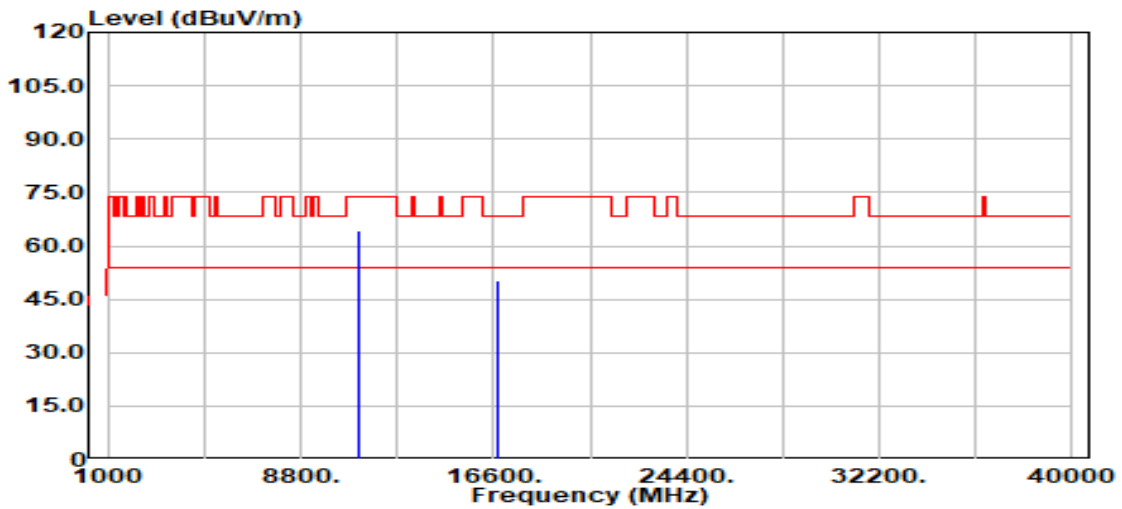


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11160.00	Peak	54.21	4.78	58.99	74.00	-15.01
11160.00	Average	45.34	4.78	50.12	54.00	-3.88
16740.00	Peak	45.45	5.74	51.19	68.20	-17.01
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5580 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



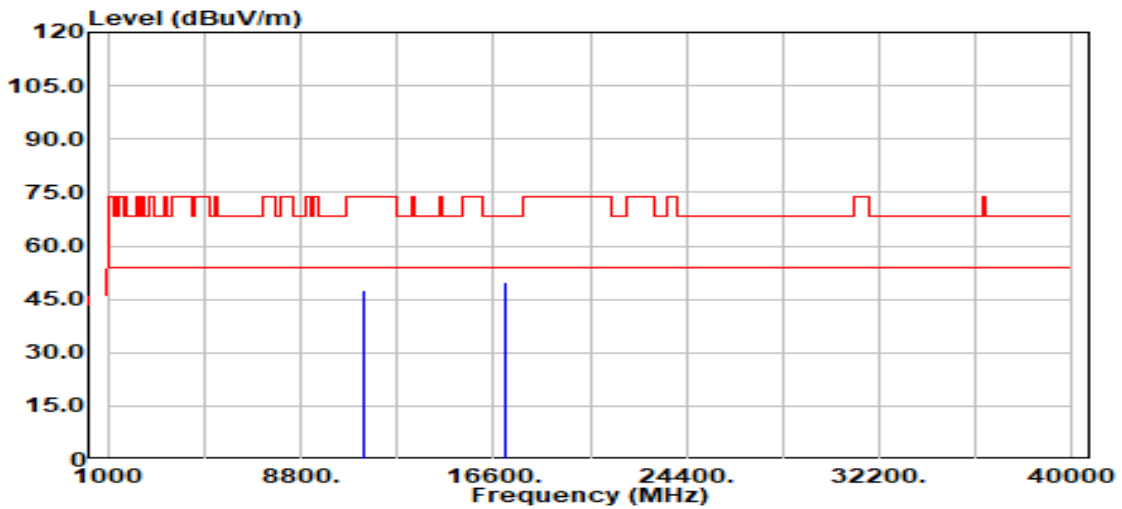
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11160.00	Peak	59.74	4.78	64.51	74.00	-9.49
11160.00	Average	48.38	4.78	53.16	54.00	-0.84
16740.00	Peak	44.58	5.74	50.33	68.20	-17.87
N/A						

**Remark:**

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



Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

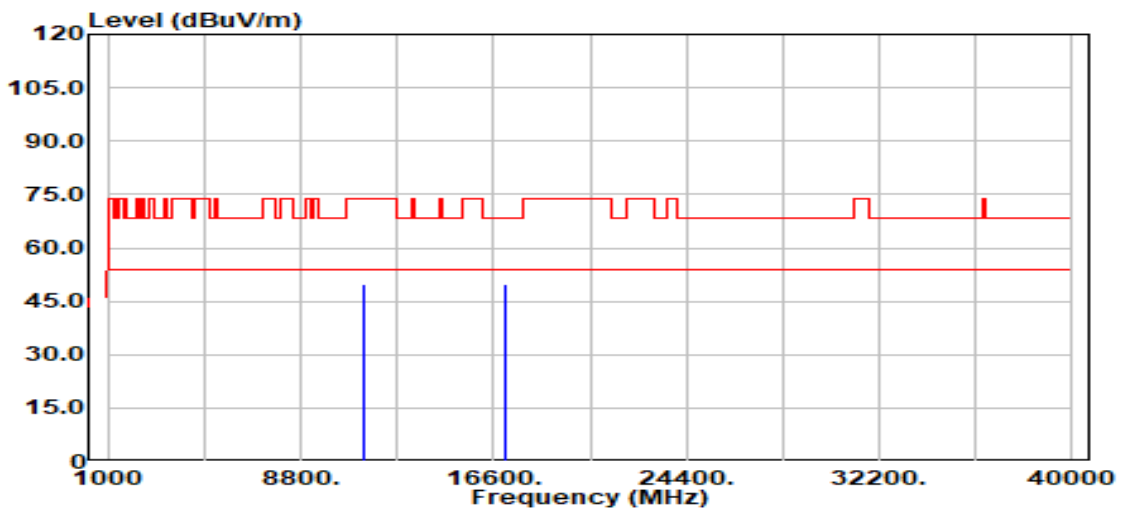


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11400.00	Peak	42.60	4.97	47.57	74.00	-26.43
11400.00	Average	32.29	4.97	37.26	54.00	-16.74
17100.00	Peak	45.27	4.69	49.96	68.20	-18.24
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
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	44.62	4.97	49.59	74.00	-24.41
11400.00	Average	37.87	4.97	42.84	54.00	-11.16
17100.00	Peak	45.05	4.69	49.74	68.20	-18.46
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5500 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

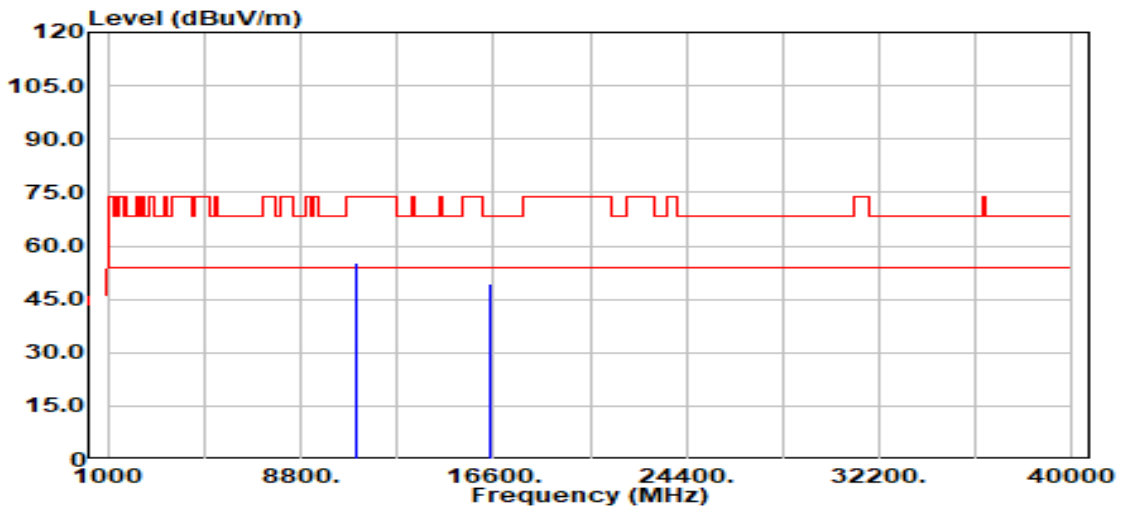


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11000.00	Peak	45.95	4.50	50.45	74.00	-23.55
11000.00	Average	36.31	4.50	40.81	54.00	-13.19
16500.00	Peak	42.64	6.45	49.09	68.20	-19.11
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5500 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

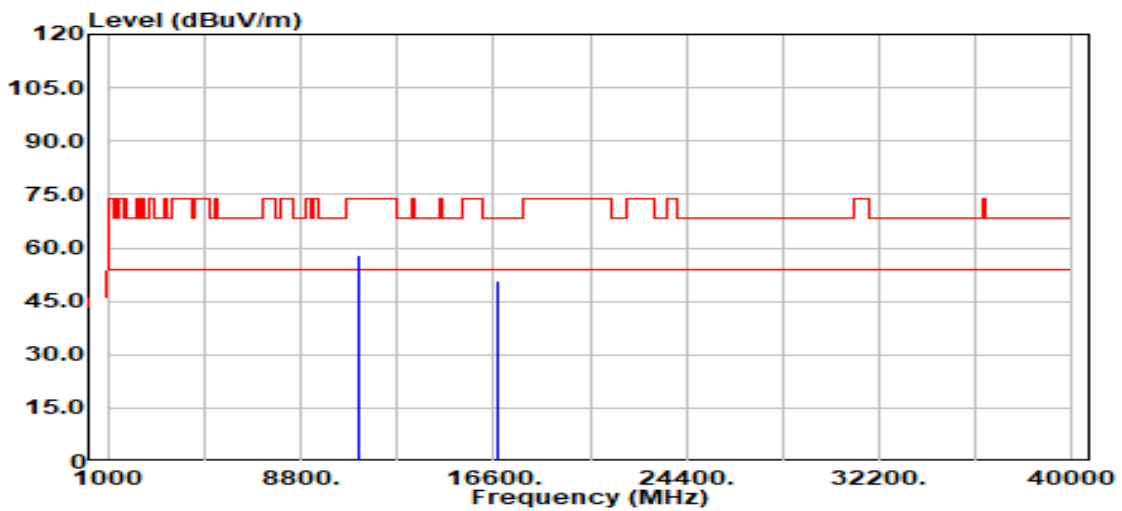


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11000.00	Peak	50.87	4.50	55.37	74.00	-18.63
11000.00	Average	41.92	4.50	46.42	54.00	-7.58
16500.00	Peak	42.77	6.45	49.22	68.20	-18.98
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5580 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

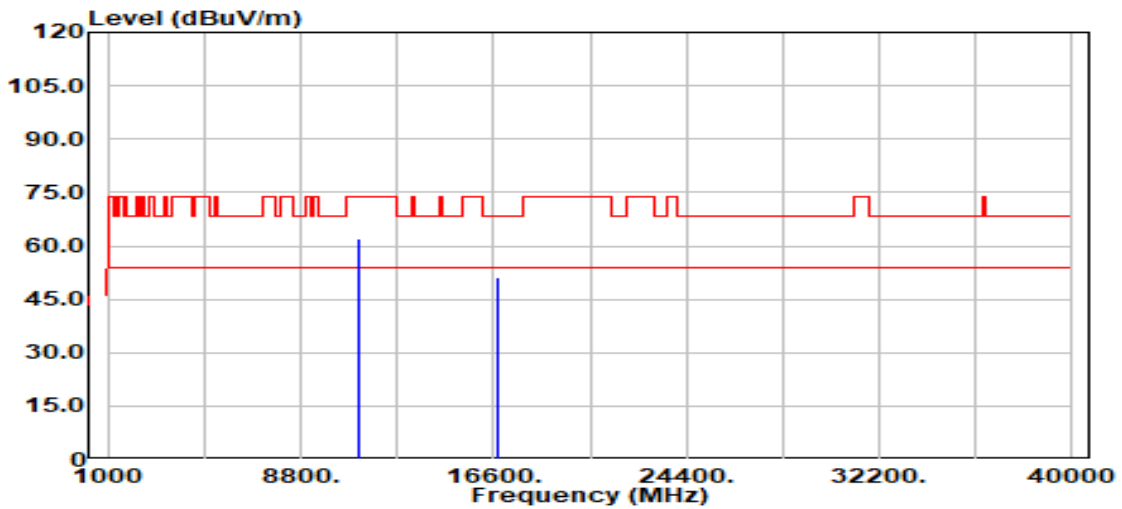


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11160.00	Peak	53.06	4.78	57.84	74.00	-16.16
11160.00	Average	44.61	4.78	49.38	54.00	-4.62
16740.00	Peak	45.13	5.74	50.88	68.20	-17.32
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5580 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

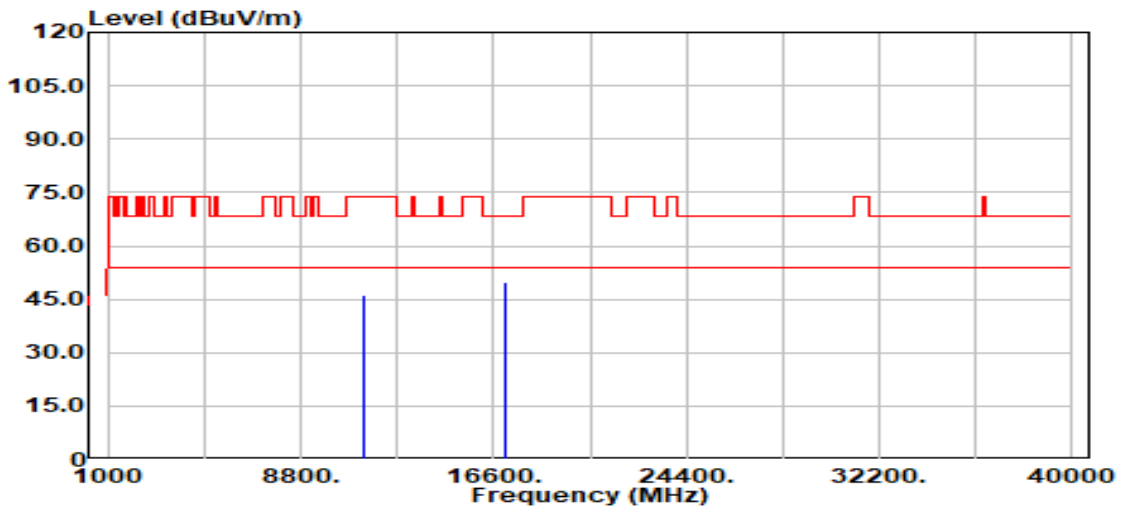


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11160.00	Peak	57.15	4.78	61.92	74.00	-12.08
11160.00	Average	47.87	4.78	52.65	54.00	-1.36
16740.00	Peak	45.32	5.74	51.06	68.20	-17.14
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5700 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

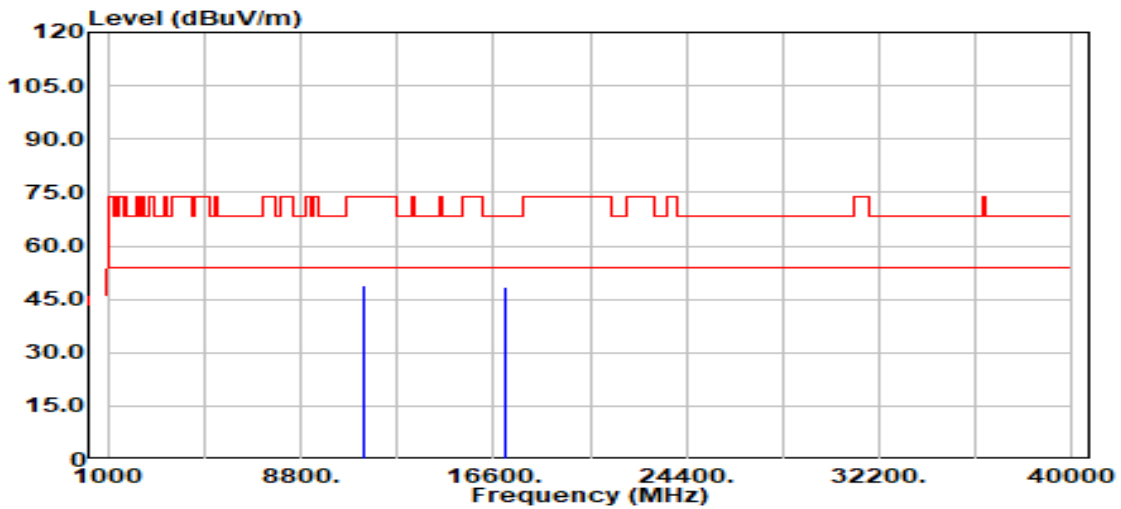


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11400.00	Peak	41.08	4.97	46.05	74.00	-27.95
11400.00	Average	32.93	4.97	37.90	54.00	-16.10
17100.00	Peak	44.90	4.69	49.59	68.20	-18.61
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5700 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



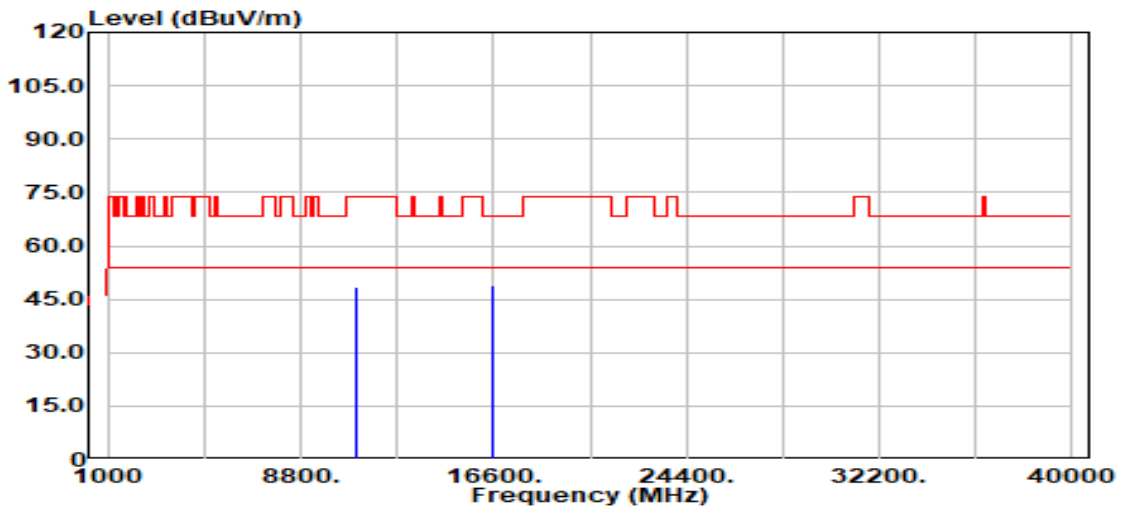
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11400.00	Peak	43.72	4.97	48.69	74.00	-25.31
11400.00	Average	36.01	4.97	40.98	54.00	-13.02
17100.00	Peak	43.59	4.69	48.28	68.20	-19.92
N/A						

**Remark:**

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



Test Mode	IEEE 802.11n HT40 / 5510 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

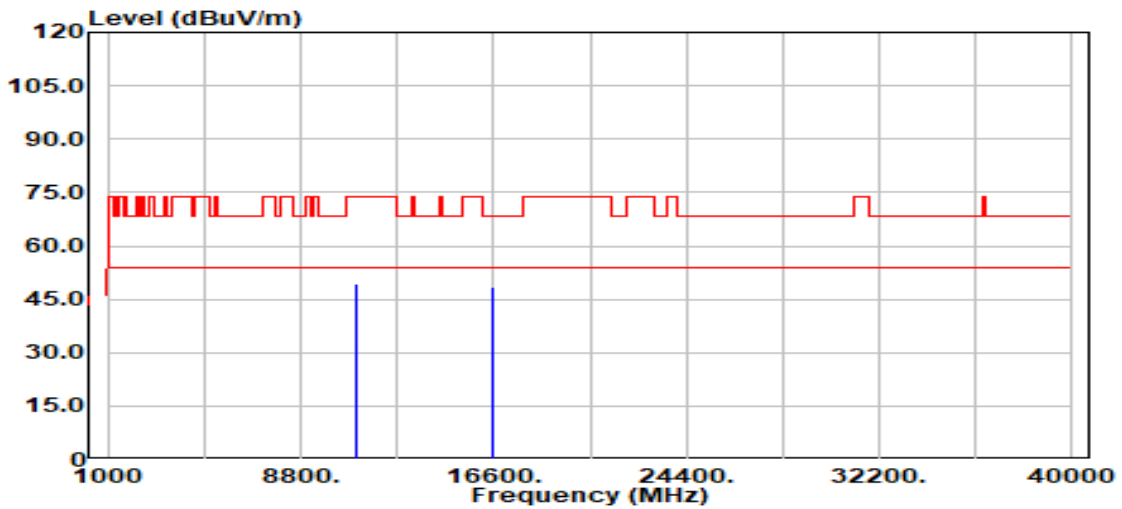


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11020.00	Peak	43.87	4.54	48.41	74.00	-25.59
11020.00	Average	34.63	4.54	39.17	54.00	-14.83
16530.00	Peak	42.57	6.24	48.81	68.20	-19.39
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5510 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

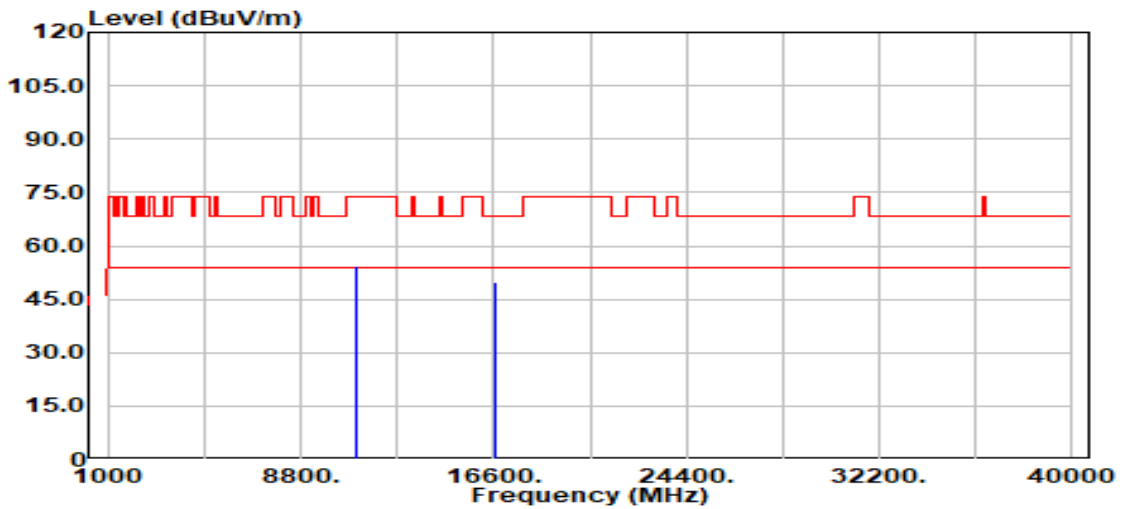


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11020.00	Peak	44.89	4.54	49.44	74.00	-24.56
11020.00	Average	37.38	4.54	41.92	54.00	-12.08
16530.00	Peak	42.24	6.24	48.48	68.20	-19.72
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5550 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

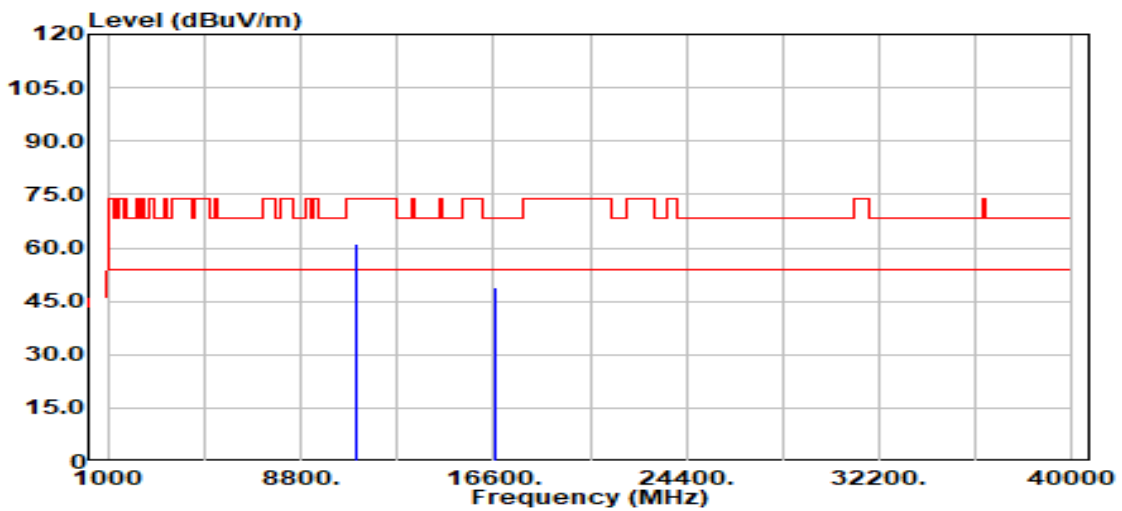


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11100.00	Peak	49.74	4.54	54.28	74.00	-19.72
11100.00	Average	42.83	4.54	47.37	54.00	-6.63
16650.00	Peak	44.07	5.92	49.99	68.20	-18.21
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5550 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

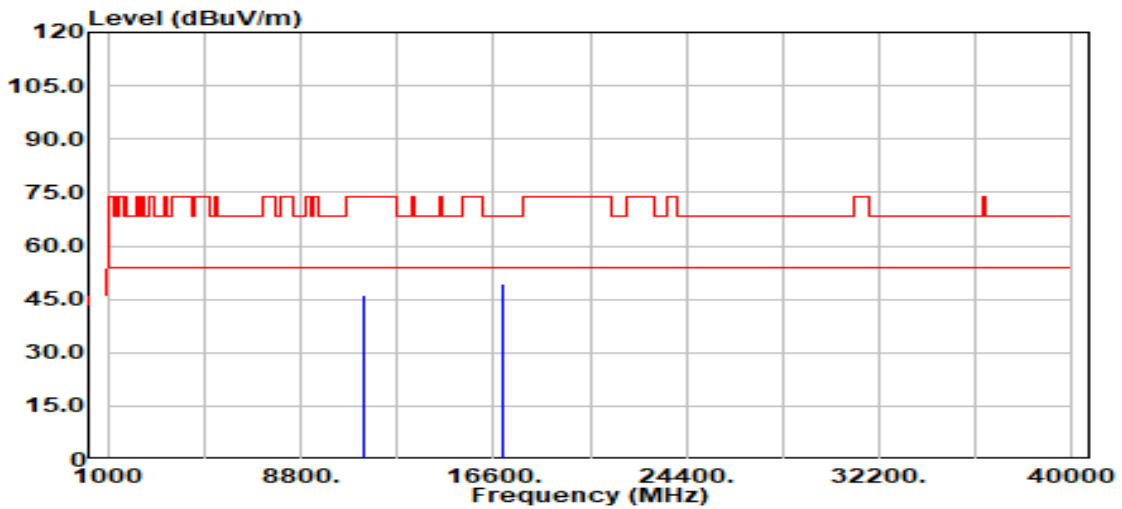


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11100.00	Peak	56.75	4.54	61.29	74.00	-12.71
11100.00	Average	46.88	4.54	51.42	54.00	-2.58
16650.00	Peak	43.13	5.92	49.05	68.20	-19.15
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5670 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

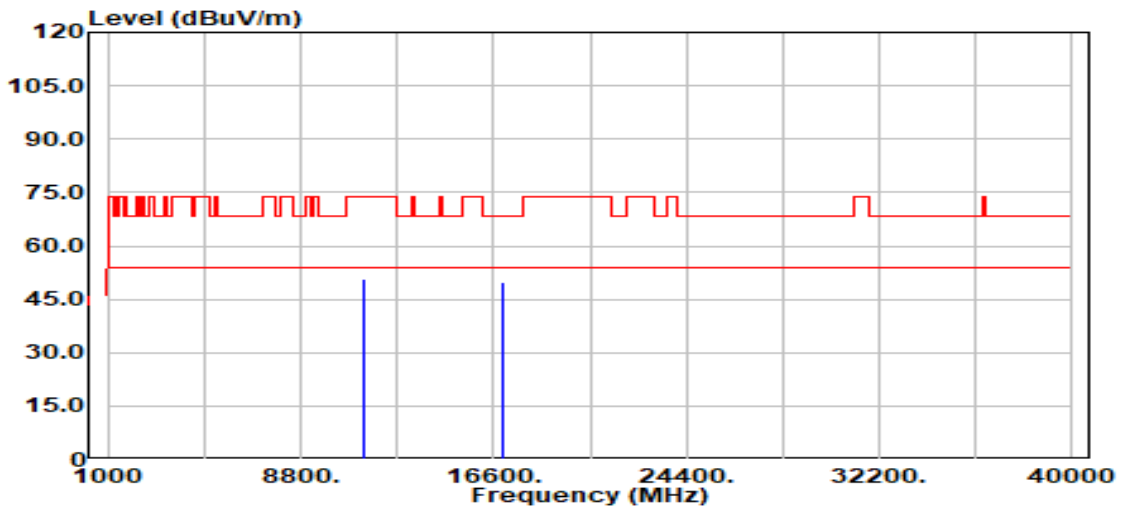


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11340.00	Peak	41.63	4.68	46.31	74.00	-27.69
11340.00	Average	33.91	4.68	38.59	54.00	-15.41
17010.00	Peak	44.15	5.33	49.49	68.20	-18.71
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5670 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

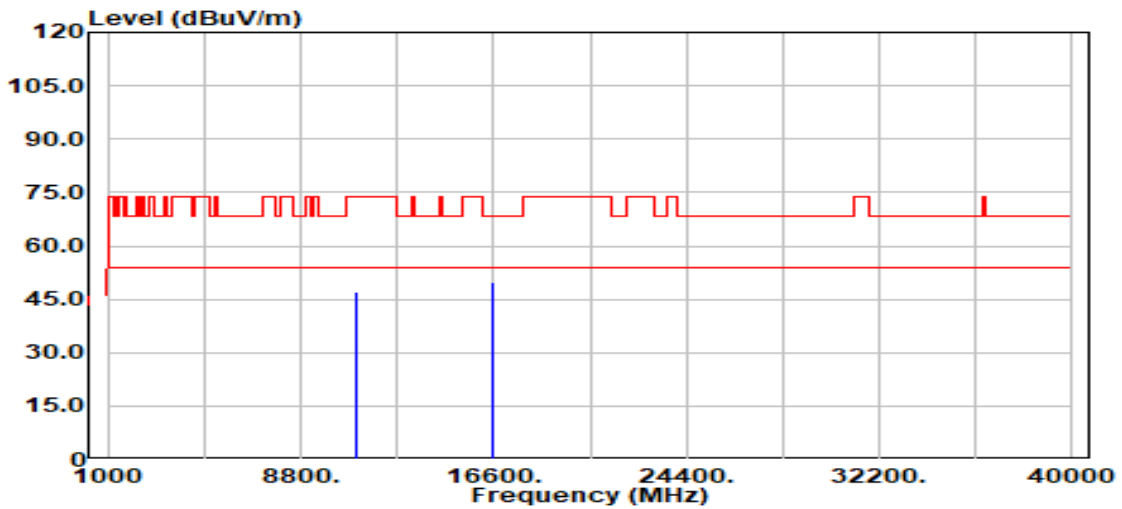


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11340.00	Peak	46.21	4.68	50.89	74.00	-23.11
11340.00	Average	37.23	4.68	41.91	54.00	-12.09
17010.00	Peak	44.41	5.33	49.75	68.20	-18.45
N/A						

**Remark:**

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

Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

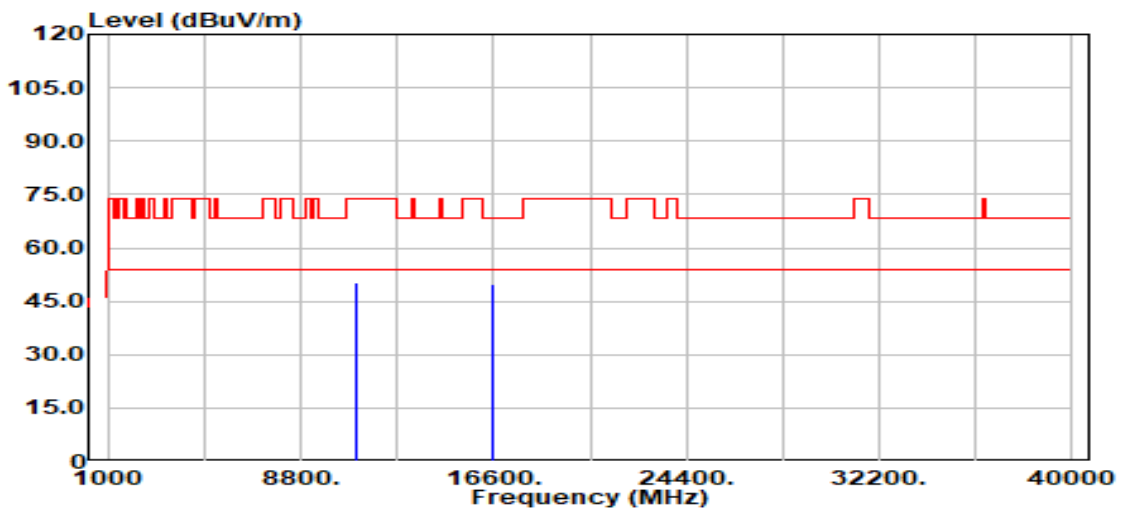


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11060.00	Peak	42.50	4.60	47.10	74.00	-26.90
11060.00	Average	34.23	4.60	38.83	54.00	-15.17
16590.00	Peak	43.65	6.28	49.94	68.20	-18.26
N/A						

**Remark:**

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

Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



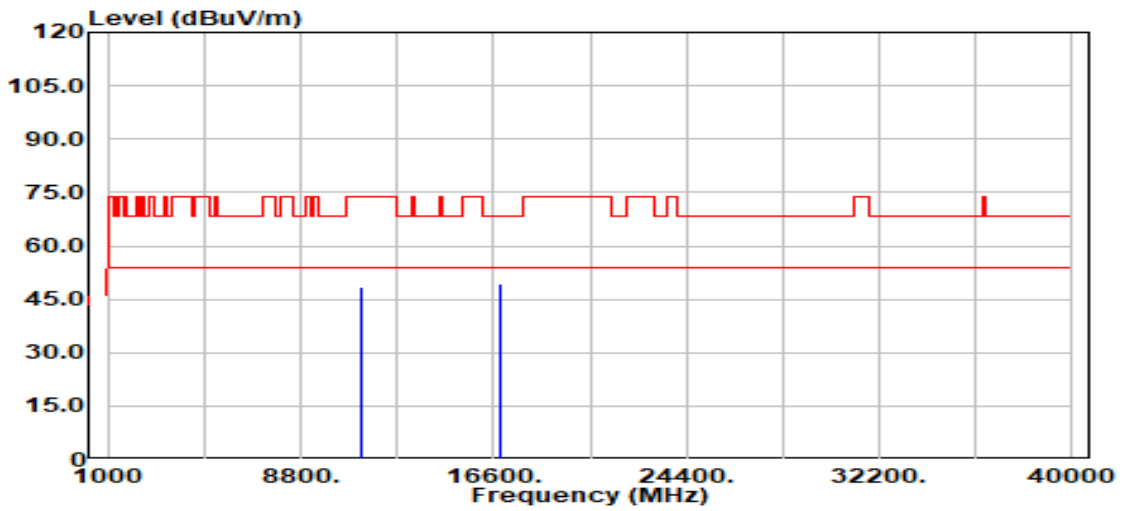
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11060.00	Peak	45.57	4.60	50.16	74.00	-23.84
11060.00	Average	37.44	4.60	42.04	54.00	-11.96
16590.00	Peak	43.34	6.28	49.62	68.20	-18.58
N/A						

**Remark:**

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



Test Mode	IEEE 802.11ac VHT80 / 5610 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

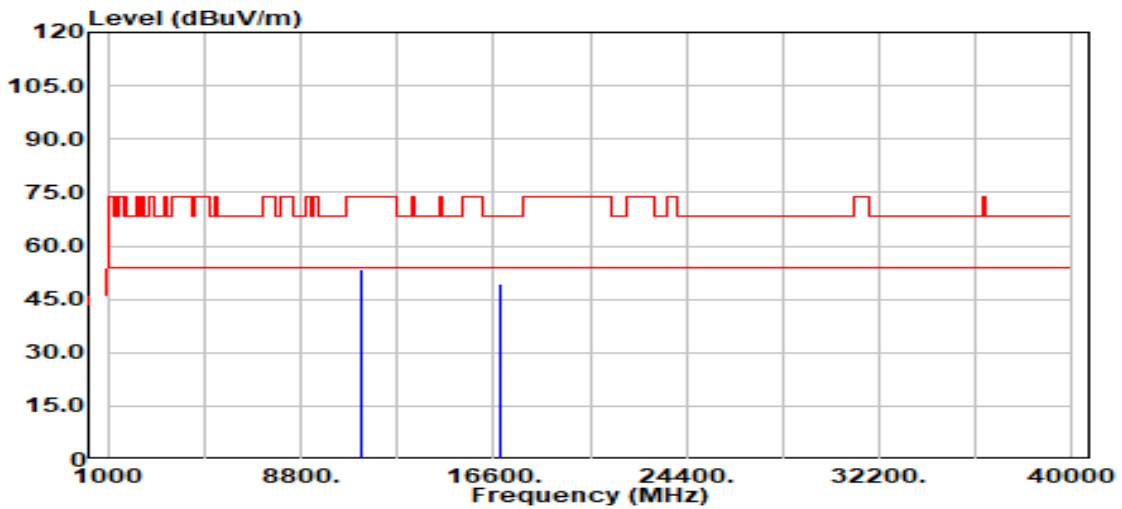


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11220.00	Peak	44.05	4.56	48.62	74.00	-25.38
11220.00	Average	35.77	4.56	40.34	54.00	-13.67
16830.00	Peak	43.95	5.47	49.42	68.20	-18.78
N/A						

**Remark:**

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

Test Mode	IEEE 802.11ac VHT80 / 5610 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



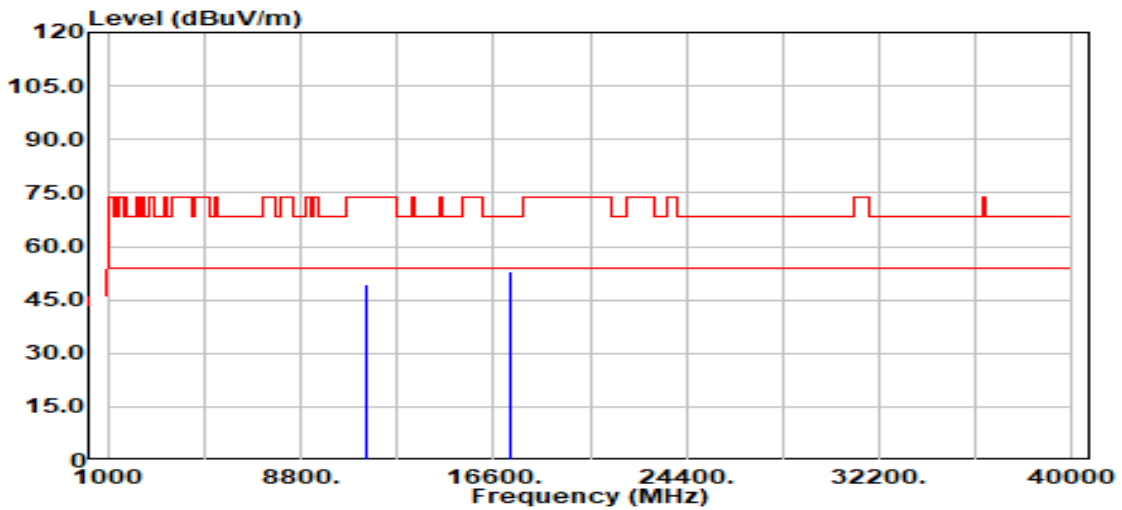
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11220.00	Peak	48.97	4.56	53.54	74.00	-20.46
11220.00	Average	39.33	4.56	43.90	54.00	-10.10
16830.00	Peak	43.76	5.47	49.23	68.20	-18.97
N/A						

**Remark:**

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

**Test Data for UNII-3**

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

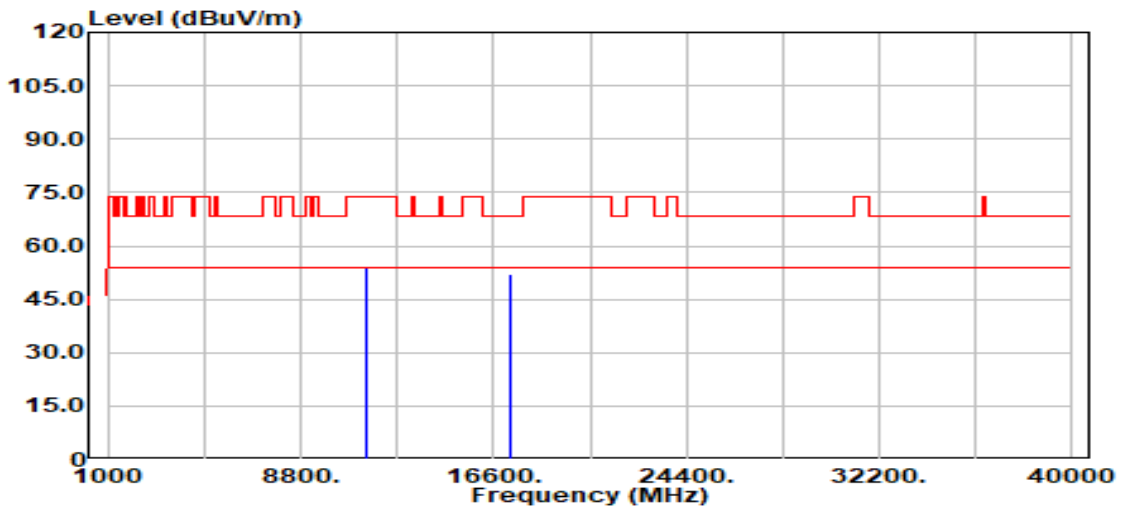


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
11490.00	Peak	44.16	4.99	49.16	74.00	-24.84
11490.00	Average	35.86	4.99	40.86	54.00	-13.14
17235.00	Peak	48.56	4.52	53.08	68.20	-15.12
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

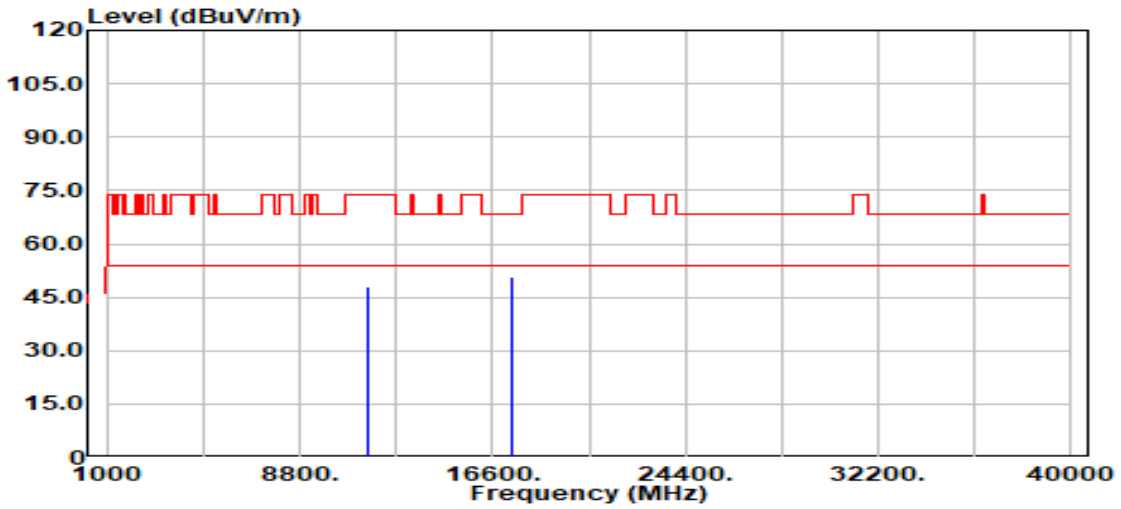


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11490.00	Peak	49.05	4.99	54.04	74.00	-19.96
11490.00	Average	41.79	4.99	46.78	54.00	-7.22
17235.00	Peak	47.44	4.52	51.96	68.20	-16.24
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5785 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonics	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

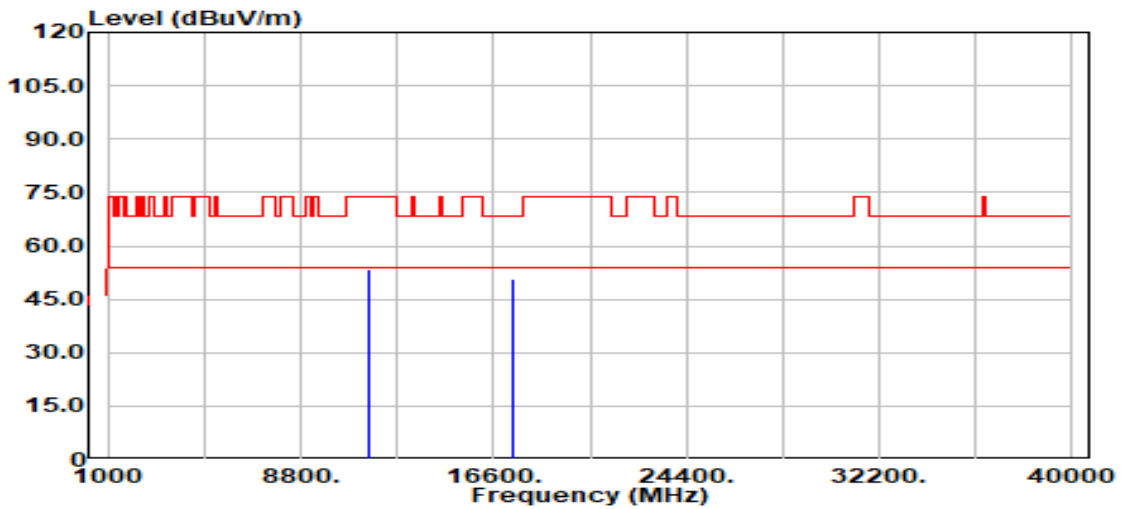


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11570.00	Peak	43.10	5.05	48.15	74.00	-25.85
11570.00	Average	36.55	5.05	41.59	54.00	-12.41
17355.00	Peak	45.97	4.61	50.57	68.20	-17.63
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5785 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

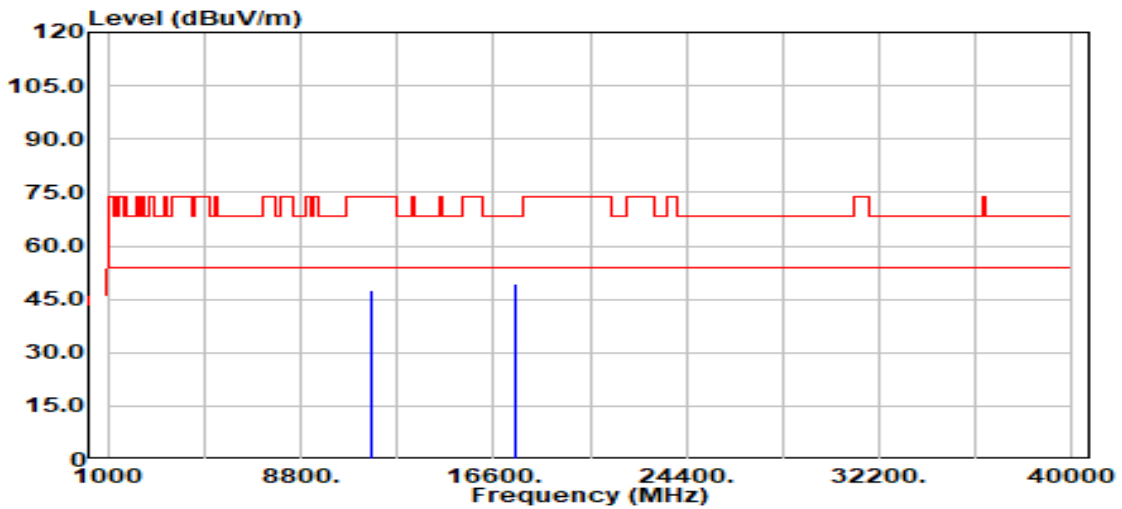


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11570.00	Peak	48.18	5.05	53.23	74.00	-20.77
11570.00	Average	40.63	5.05	45.68	54.00	-8.32
17355.00	Peak	46.21	4.61	50.82	68.20	-17.38
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

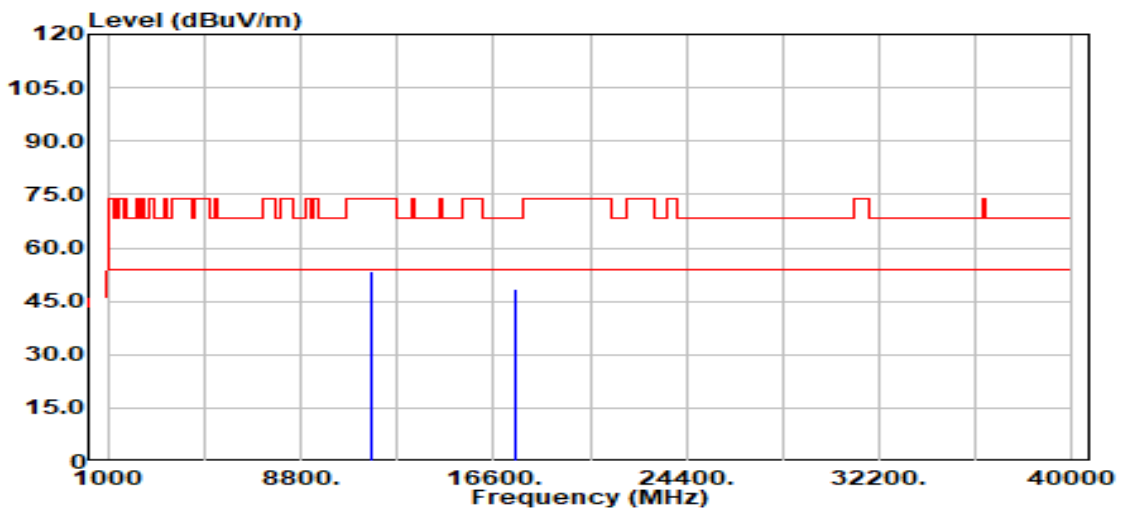


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11650.00	Peak	42.74	5.03	47.77	74.00	-26.23
11650.00	Average	35.61	5.03	40.64	54.00	-13.36
17475.00	Peak	44.82	4.37	49.19	68.20	-19.01
N/A						

**Remark:**

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

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



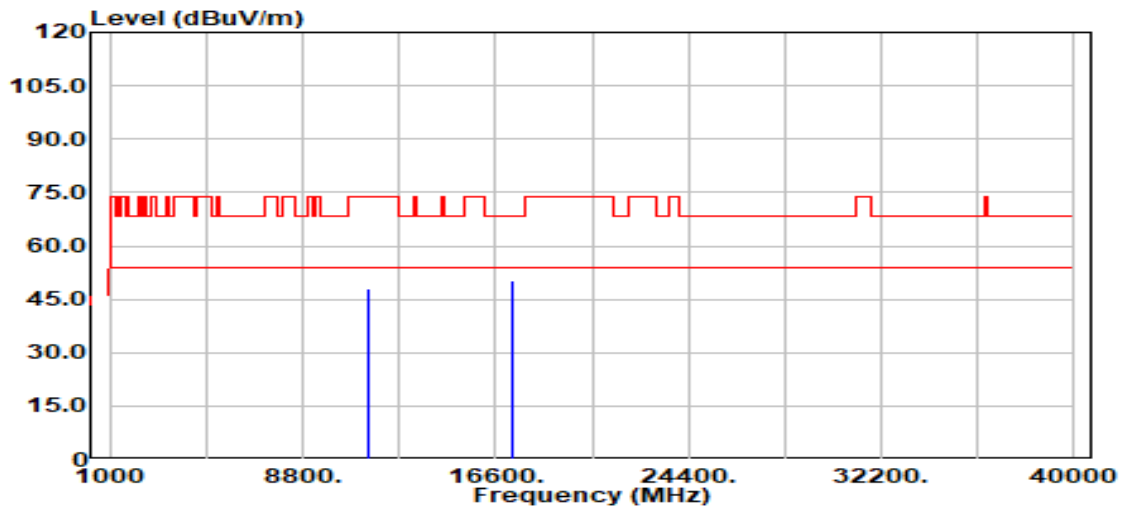
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11650.00	Peak	48.31	5.03	53.34	74.00	-20.66
11650.00	Average	39.16	5.03	44.19	54.00	-9.81
17475.00	Peak	44.23	4.37	48.60	68.20	-19.60
N/A						

**Remark:**

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



Test Mode	IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

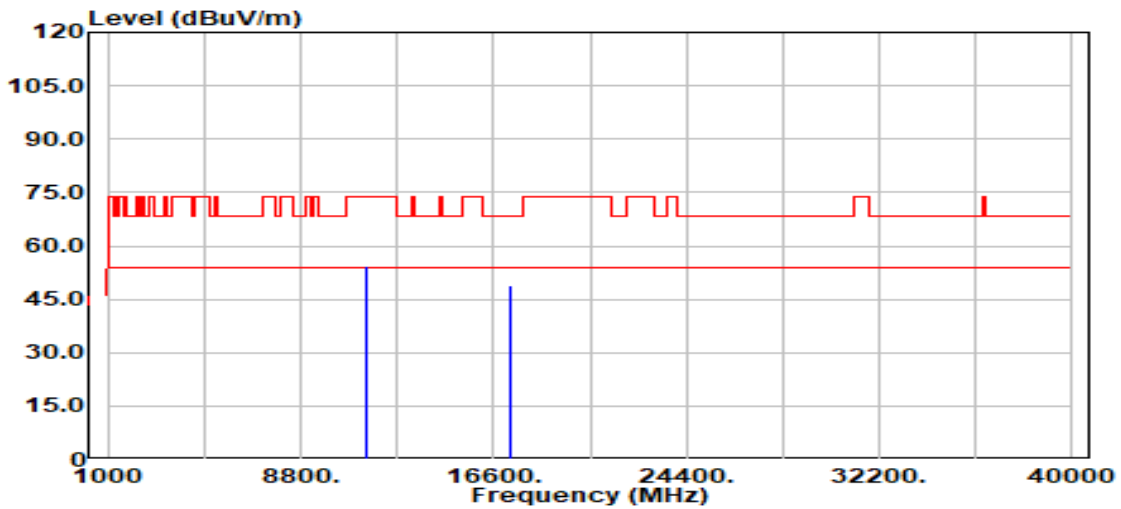


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11490.00	Peak	42.99	4.99	47.99	74.00	-26.01
11490.00	Average	36.53	4.99	41.52	54.00	-12.48
17235.00	Peak	45.70	4.52	50.22	68.20	-17.98
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

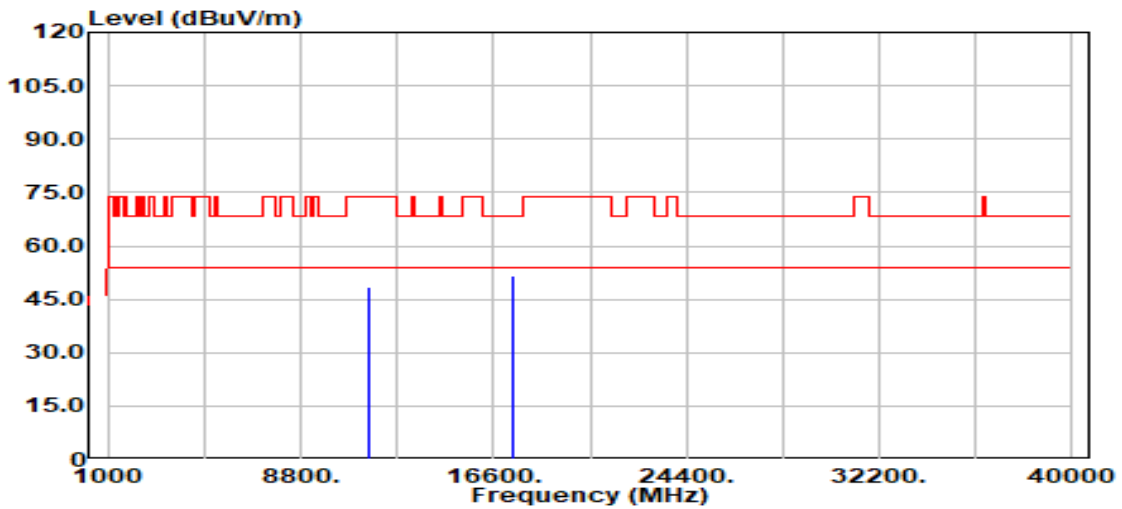


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11490.00	Peak	49.16	4.99	54.15	74.00	-19.85
11490.00	Average	41.55	4.99	46.55	54.00	-7.45
17235.00	Peak	44.33	4.52	48.85	68.20	-19.35
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5785 MHz	Temp/Hum	25.3(°C) / 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

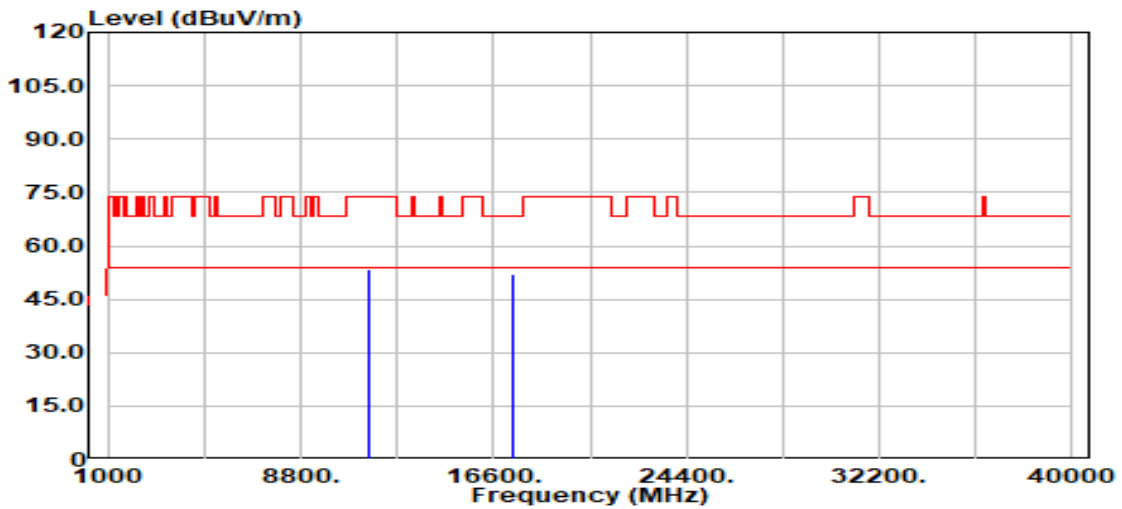


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11570.00	Peak	43.46	5.05	48.51	74.00	-25.49
11570.00	Average	34.24	5.05	39.29	54.00	-14.71
17355.00	Peak	46.93	4.61	51.53	68.20	-16.67
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5785 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

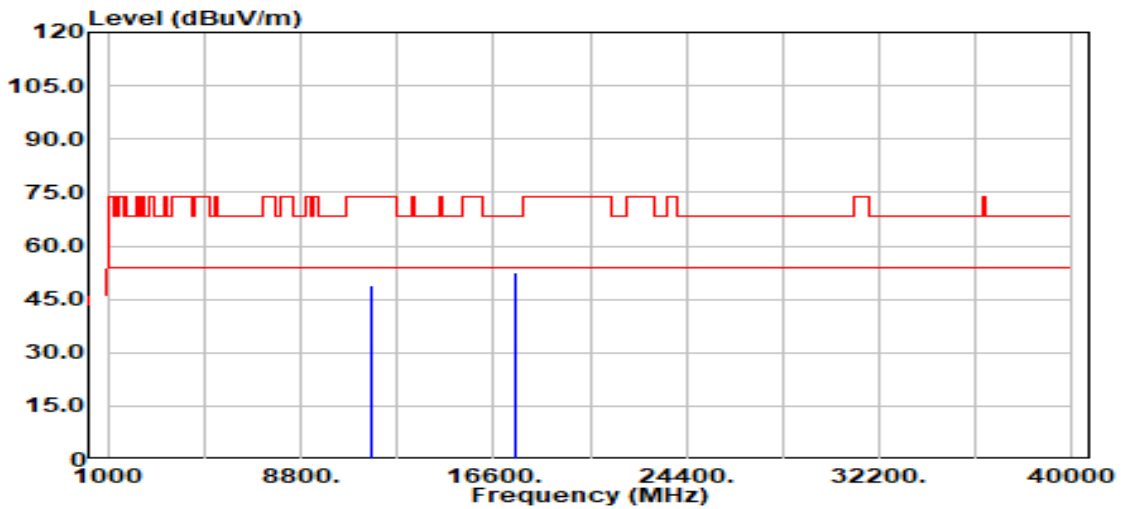


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11570.00	Peak	48.30	5.05	53.35	74.00	-20.65
11570.00	Average	40.81	5.05	45.86	54.00	-8.15
17355.00	Peak	47.58	4.61	52.18	68.20	-16.02
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5825 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

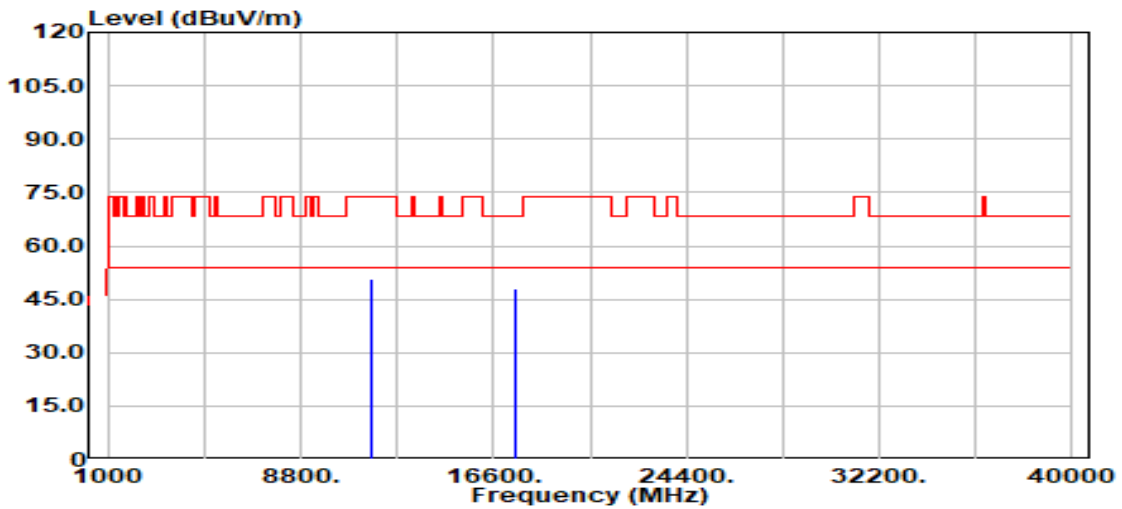


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11650.00	Peak	43.83	5.03	48.86	74.00	-25.14
11650.00	Average	36.34	5.03	41.37	54.00	-12.63
17475.00	Peak	48.24	4.37	52.61	68.20	-15.59
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT20 / 5825 MHz	Temp/Hum	25.3(°C)/ 57%RH
Test Item	Harmonic	Test Date	June 16, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

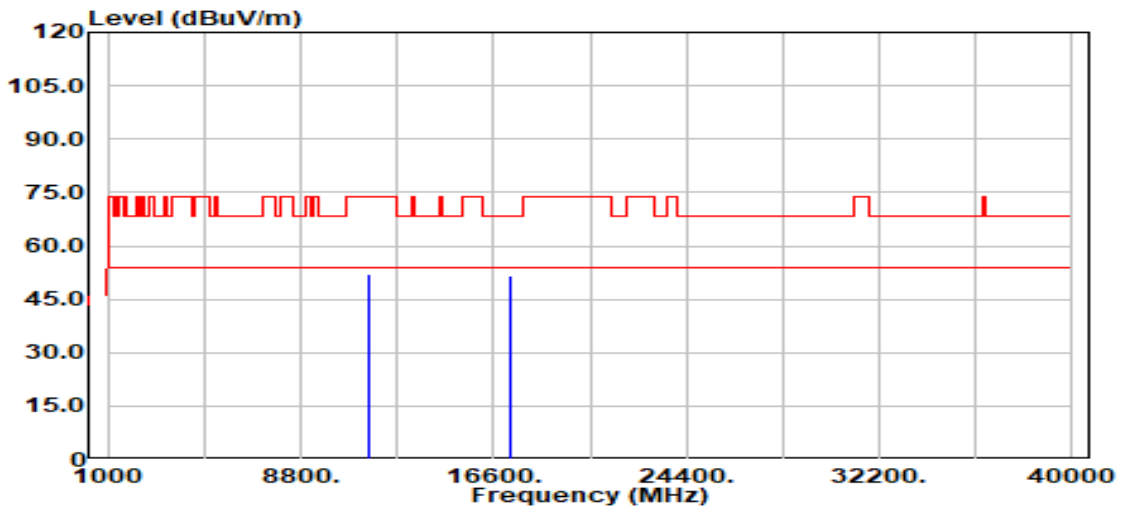


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11650.00	Peak	45.83	5.03	50.86	74.00	-23.14
11650.00	Average	39.12	5.03	44.15	54.00	-9.86
17475.00	Peak	43.80	4.37	48.17	68.20	-20.03
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11510.00	Peak	46.95	5.00	51.95	74.00	-22.05
11510.00	Average	38.84	5.00	43.84	54.00	-10.16
17265.00	Peak	47.02	4.53	51.55	68.20	-16.65
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



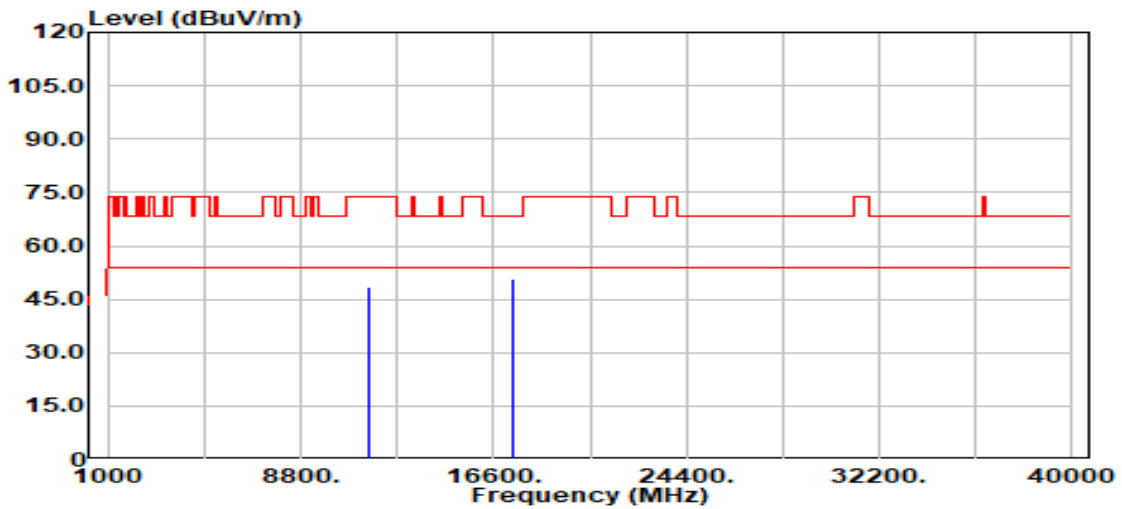
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11510.00	Peak	49.05	5.00	54.05	74.00	-19.95
11510.00	Average	40.68	5.00	45.68	54.00	-8.32
17265.00	Peak	46.36	4.53	50.89	68.20	-17.31
N/A						

**Remark:**

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



Test Mode	IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

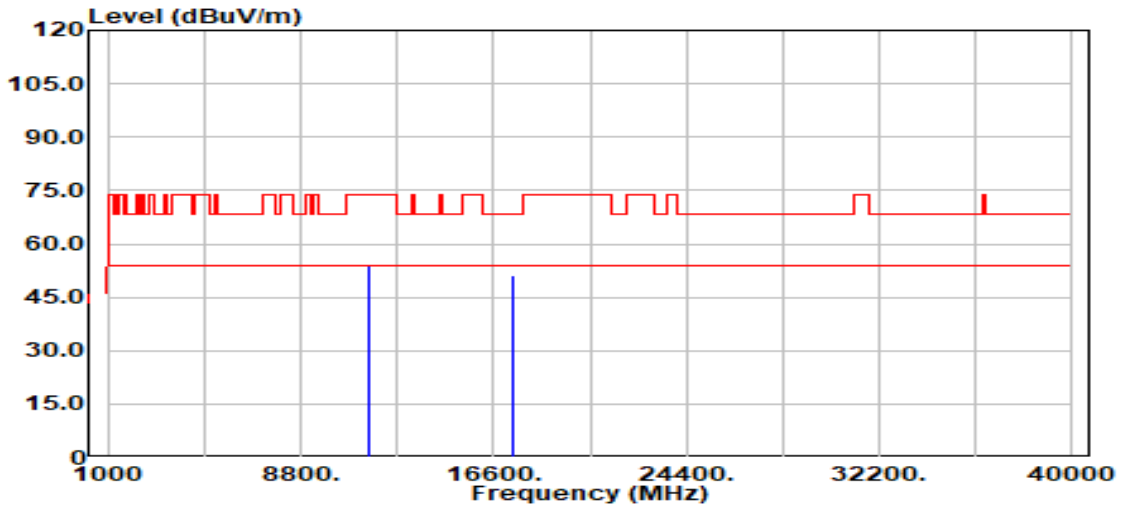


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11590.00	Peak	43.58	5.10	48.68	74.00	-25.32
11590.00	Average	35.83	5.10	40.93	54.00	-13.07
17385.00	Peak	46.22	4.54	50.75	68.20	-17.45
N/A						

**Remark:**

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

Test Mode	IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		

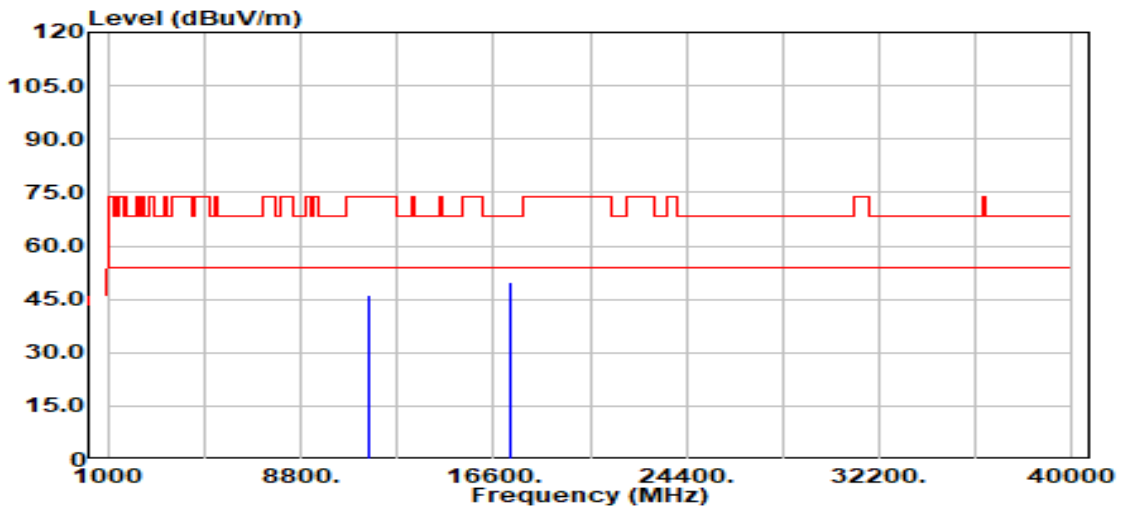


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11590.00	Peak	48.86	5.10	53.95	74.00	-20.05
11590.00	Average	40.09	5.10	45.18	54.00	-8.82
17385.00	Peak	46.47	4.54	51.01	68.20	-17.19
N/A						

**Remark:**

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

Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak & Average		

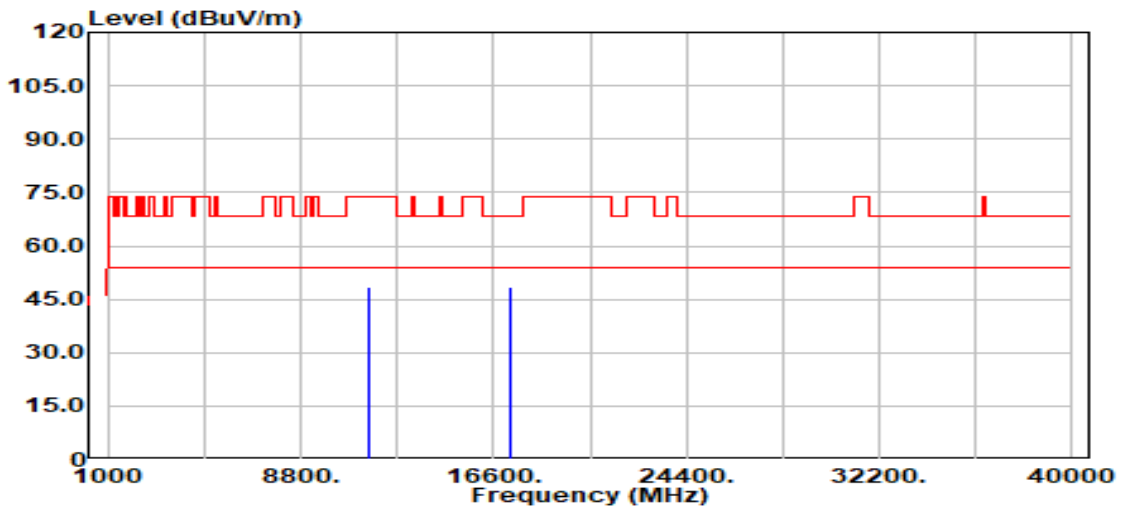


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
11550.00	Peak	41.31	5.00	46.31	74.00	-27.69
11550.00	Average	33.63	5.00	38.63	54.00	-15.37
17325.00	Peak	45.26	4.52	49.78	68.20	-18.42
N/A						

**Remark:**

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

Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	24.5(°C)/ 61%RH
Test Item	Harmonic	Test Date	June 17, 2023
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
11550.00	Peak	43.44	5.00	48.44	74.00	-25.56
11550.00	Average	35.47	5.00	40.47	54.00	-13.53
17325.00	Peak	43.85	4.52	48.37	68.20	-19.83
N/A						

**Remark:**

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

## 4.6 FREQUENCY STABILITY

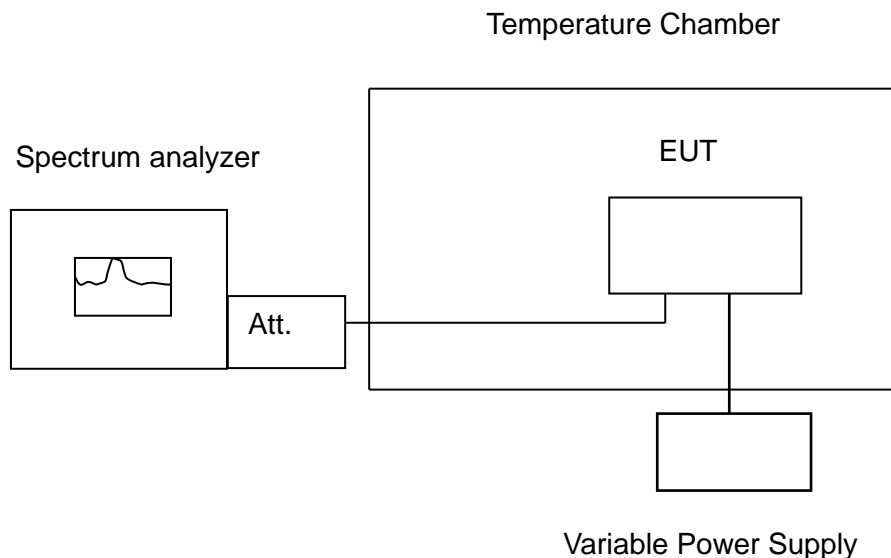
### 4.6.1 Test Limit

According to §15.407(g) manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the operational description.

### 4.6.2 Test Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +45°C reached.

### 4.6.3 Test Setup



Report No.: TMWK2305001706KR

### 4.6.4 Test Result

**Temperature:** 23.2 ~ 25.4°C

**Test date:** June 9 ~ August 16, 2023

**Humidity:** 57 ~ 61% RH

**Tested by:** Allen Shen

#### Startup

Operation Mode		802.11 a		Test Date	08/16/2023
Test Temp.(°C)	Test Voltage(V)	Channel	Frequency (MHz)	Measured Frequency (MHz)	ΔFrequency (ppm)
-20	132	36	5180	5,179.98100	-3.67
	108	36	5180	5,179.98120	-3.63
25	120	36	5180	5,179.98740	-2.43
45	132	36	5180	5,179.97230	-5.35
	108	36	5180	5,179.97850	-4.15

#### 2 minutes

Operation Mode		802.11 a		Test Date	8/16/2023
Test Temp.(°C)	Test Voltage(V)	Channel	Frequency (MHz)	Measured Frequency (MHz)	ΔFrequency (ppm)
-20	132	36	5180	5,179.97910	-4.03
	108	36	5180	5,179.98190	-3.49
25	120	36	5180	5,179.98020	-3.82
45	132	36	5180	5,179.97910	-4.03
	108	36	5180	5,179.98790	-2.34

**5 minutes**

Operation Mode		802.11 a		Test Date	8/16/2023
Test Temp.(°C)	Test Voltage(V)	Channel	Frequency (MHz)	Measured Frequency (MHz)	ΔFrequency (ppm)
-20	132	36	5180	5,179.97560	-4.71
	108	36	5180	5,179.98510	-2.88
25	120	36	5180	5,179.97170	-5.46
45	132	36	5180	5,179.97200	-5.41
	108	36	5180	5,179.97810	-4.23

**10 minutes**

Operation Mode		802.11 a		Test Date	8/16/2023
Test Temp.(°C)	Test Voltage(V)	Channel	Frequency (MHz)	Measured Frequency (MHz)	ΔFrequency (ppm)
-20	132	36	5180	5,179.97770	-4.31
	108	36	5180	5,179.98450	-2.99
25	120	36	5180	5,179.98560	-2.78
45	132	36	5180	5,179.97150	-5.50
	108	36	5180	5,179.98920	-2.08

**--End of Test Report--**