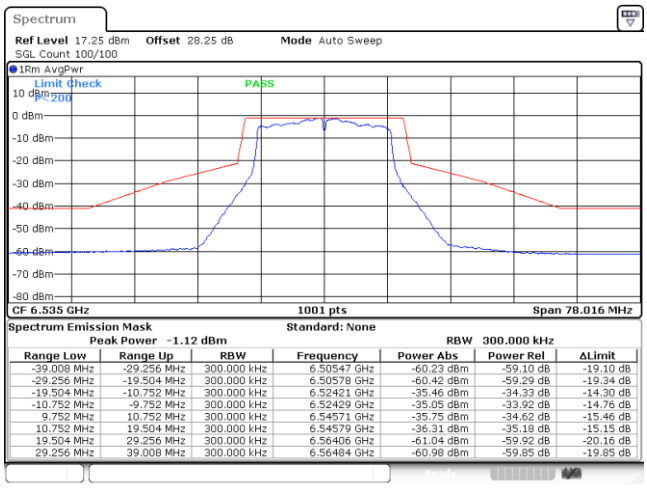
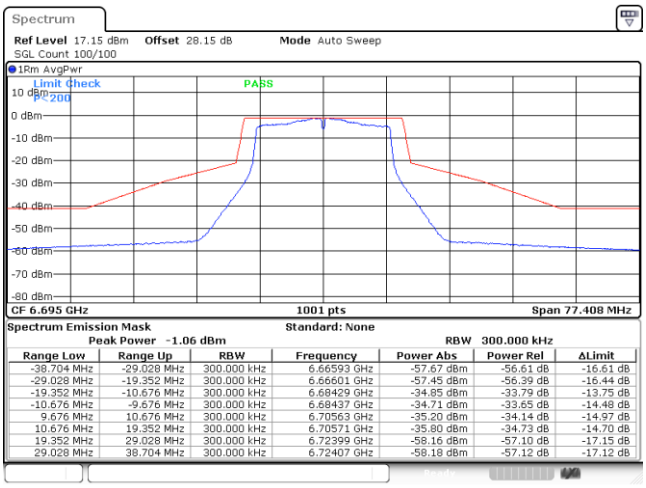
Plot on Channel 6535 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-39.008 MHz	-29.256 MHz	300.000 kHz	6.50547 GHz	-60.23 dBm	-59.10 dB	-19.10 dB
-29.256 MHz	-19.504 MHz	300.000 kHz	6.50578 GHz	-60.42 dBm	-59.29 dB	-19.34 dB
-19.504 MHz	-10.752 MHz	300.000 kHz	6.52421 GHz	-35.46 dBm	-34.33 dB	-14.30 dB
-10.752 MHz	-9.752 MHz	300.000 kHz	6.52429 GHz	-35.05 dBm	-33.92 dB	-14.76 dB
9.752 MHz	10.752 MHz	300.000 kHz	6.54571 GHz	-35.75 dBm	-34.62 dB	-15.46 dB
10.752 MHz	19.504 MHz	300.000 kHz	6.54579 GHz	-36.31 dBm	-35.18 dB	-15.15 dB
19.504 MHz	29.256 MHz	300.000 kHz	6.56406 GHz	-61.04 dBm	-59.92 dB	-20.16 dB
29.256 MHz	39.008 MHz	300.000 kHz	6.56484 GHz	-60.98 dBm	-59.85 dB	-19.85 dB

Date: 26.JAN.2024 13:19:01

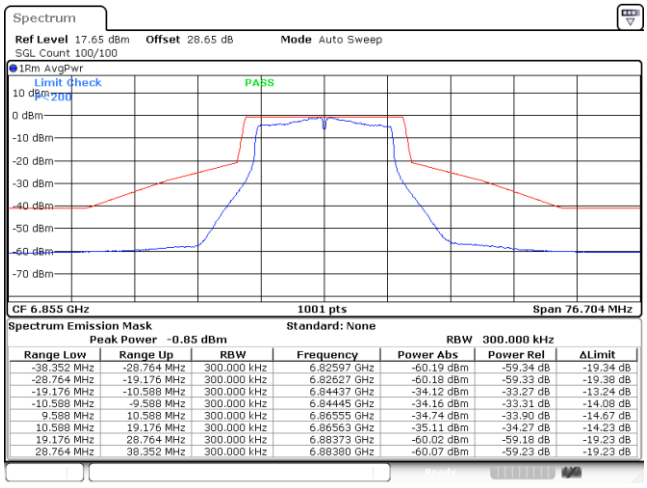
Plot on Channel 6695 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-38.704 MHz	-29.028 MHz	300.000 kHz	6.66593 GHz	-57.67 dBm	-56.61 dB	-16.61 dB
-29.028 MHz	-19.352 MHz	300.000 kHz	6.66601 GHz	-57.45 dBm	-56.39 dB	-16.44 dB
-19.352 MHz	-10.676 MHz	300.000 kHz	6.68429 GHz	-34.85 dBm	-33.79 dB	-13.75 dB
-10.676 MHz	-9.676 MHz	300.000 kHz	6.68437 GHz	-34.71 dBm	-33.65 dB	-14.48 dB
9.676 MHz	10.676 MHz	300.000 kHz	6.70563 GHz	-35.20 dBm	-34.14 dB	-14.97 dB
10.676 MHz	19.352 MHz	300.000 kHz	6.70571 GHz	-35.80 dBm	-34.73 dB	-14.70 dB
19.352 MHz	29.028 MHz	300.000 kHz	6.72399 GHz	-58.16 dBm	-57.10 dB	-17.15 dB
29.028 MHz	38.704 MHz	300.000 kHz	6.72407 GHz	-58.18 dBm	-57.12 dB	-17.12 dB

Date: 26.JAN.2024 13:22:48

Plot on Channel 6855 MHz

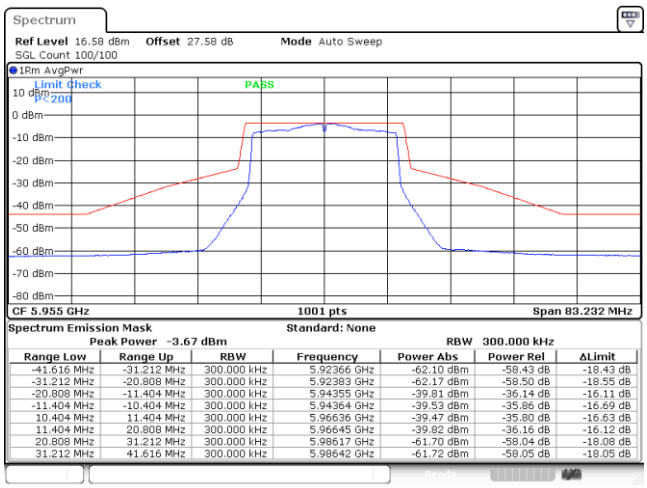


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-38.352 MHz	-28.764 MHz	300.000 kHz	6.82597 GHz	-60.19 dBm	-59.34 dB	-19.34 dB
-28.764 MHz	-19.176 MHz	300.000 kHz	6.82627 GHz	-60.18 dBm	-59.33 dB	-19.38 dB
-19.176 MHz	-10.588 MHz	300.000 kHz	6.84437 GHz	-34.12 dBm	-33.27 dB	-13.24 dB
-10.588 MHz	-9.588 MHz	300.000 kHz	6.84445 GHz	-34.16 dBm	-33.31 dB	-14.08 dB
9.588 MHz	10.588 MHz	300.000 kHz	6.86555 GHz	-34.74 dBm	-33.90 dB	-14.67 dB
10.588 MHz	19.176 MHz	300.000 kHz	6.86563 GHz	-35.11 dBm	-34.27 dB	-14.23 dB
19.176 MHz	28.764 MHz	300.000 kHz	6.88373 GHz	-60.02 dBm	-59.18 dB	-19.23 dB
28.764 MHz	38.352 MHz	300.000 kHz	6.88380 GHz	-60.07 dBm	-59.23 dB	-19.23 dB

Date: 26.JAN.2024 13:26:41

EUT Mode	802.11ax HE20 Full RU

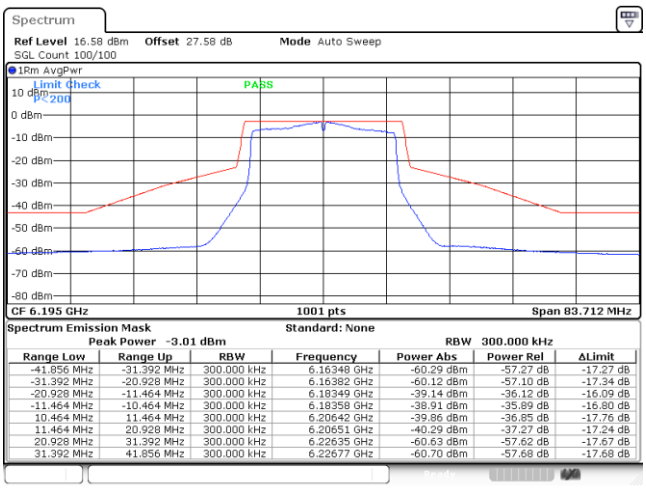
Plot on Channel 5955 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-41.616 MHz	-31.212 MHz	300.000 kHz	5.92366 GHz	-62.10 dBm	-58.43 dB	-18.43 dB
-31.212 MHz	-20.808 MHz	300.000 kHz	5.92383 GHz	-62.17 dBm	-58.50 dB	-18.55 dB
-20.808 MHz	-11.404 MHz	300.000 kHz	5.94355 GHz	-39.81 dBm	-36.14 dB	-16.11 dB
-11.404 MHz	-10.404 MHz	300.000 kHz	5.94364 GHz	-39.53 dBm	-35.86 dB	-16.69 dB
10.404 MHz	11.404 MHz	300.000 kHz	5.96636 GHz	-39.47 dBm	-35.80 dB	-16.63 dB
11.404 MHz	20.808 MHz	300.000 kHz	5.96645 GHz	-39.82 dBm	-36.16 dB	-16.12 dB
20.808 MHz	31.212 MHz	300.000 kHz	5.98617 GHz	-61.70 dBm	-58.04 dB	-18.08 dB
31.212 MHz	41.616 MHz	300.000 kHz	5.98642 GHz	-61.72 dBm	-58.05 dB	-18.05 dB

Date: 2.JAN.2024 09:00:35

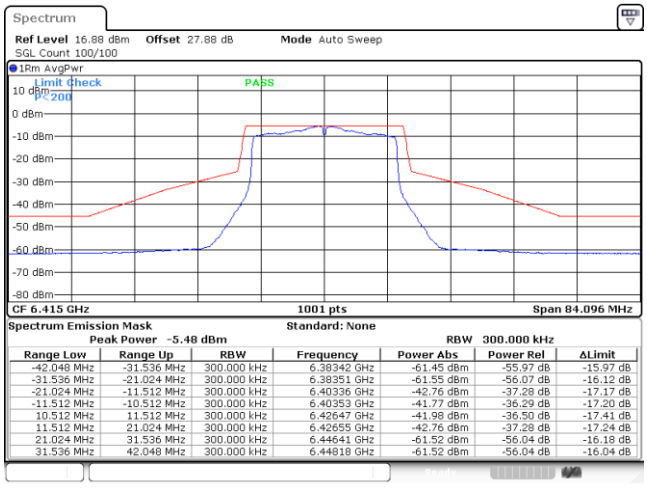
Plot on Channel 6195 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-41.856 MHz	-31.392 MHz	300.000 kHz	6.16348 GHz	-60.29 dBm	-57.27 dB	-17.27 dB
-31.392 MHz	-20.928 MHz	300.000 kHz	6.16382 GHz	-60.12 dBm	-57.10 dB	-17.34 dB
-20.928 MHz	-11.464 MHz	300.000 kHz	6.18349 GHz	-39.14 dBm	-36.12 dB	-16.09 dB
-11.464 MHz	-10.464 MHz	300.000 kHz	6.18358 GHz	-38.91 dBm	-35.89 dB	-16.80 dB
10.464 MHz	11.464 MHz	300.000 kHz	6.20642 GHz	-39.86 dBm	-36.85 dB	-17.76 dB
11.464 MHz	20.928 MHz	300.000 kHz	6.20651 GHz	-40.29 dBm	-37.27 dB	-17.24 dB
20.928 MHz	31.392 MHz	300.000 kHz	6.22635 GHz	-60.63 dBm	-57.62 dB	-17.67 dB
31.392 MHz	41.856 MHz	300.000 kHz	6.22677 GHz	-60.70 dBm	-57.68 dB	-17.68 dB

Date: 2.JAN.2024 09:07:12

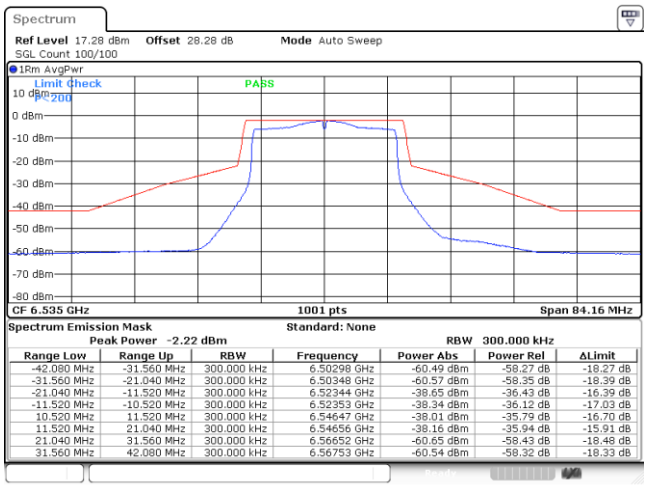
Plot on Channel 6415 MHz



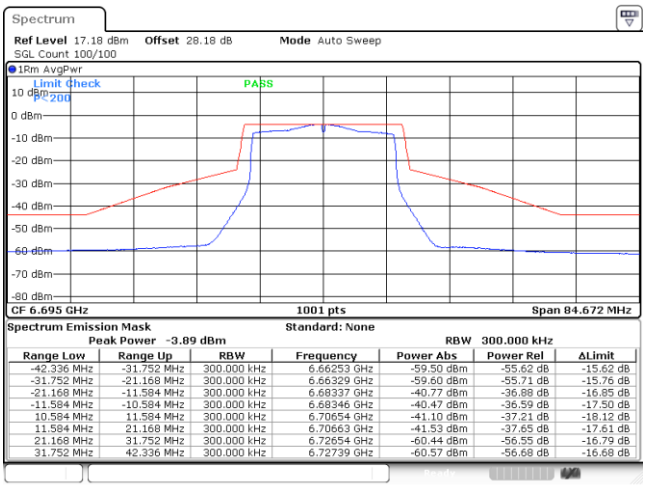
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-42.048 MHz	-31.536 MHz	300.000 kHz	6.38342 GHz	-61.45 dBm	-55.97 dB	-15.97 dB
-31.536 MHz	-21.024 MHz	300.000 kHz	6.38351 GHz	-61.55 dBm	-56.07 dB	-16.12 dB
-21.024 MHz	-11.512 MHz	300.000 kHz	6.40336 GHz	-42.76 dBm	-37.28 dB	-17.17 dB
-11.512 MHz	-10.512 MHz	300.000 kHz	6.40353 GHz	-41.77 dBm	-36.29 dB	-17.20 dB
10.512 MHz	11.512 MHz	300.000 kHz	6.42647 GHz	-41.98 dBm	-36.50 dB	-17.41 dB
11.512 MHz	21.024 MHz	300.000 kHz	6.42655 GHz	-42.76 dBm	-37.28 dB	-17.24 dB
21.024 MHz	31.536 MHz	300.000 kHz	6.44641 GHz	-61.52 dBm	-56.04 dB	-16.18 dB
31.536 MHz	42.048 MHz	300.000 kHz	6.44818 GHz	-61.52 dBm	-56.04 dB	-16.04 dB

Date: 2.JAN.2024 09:11:35

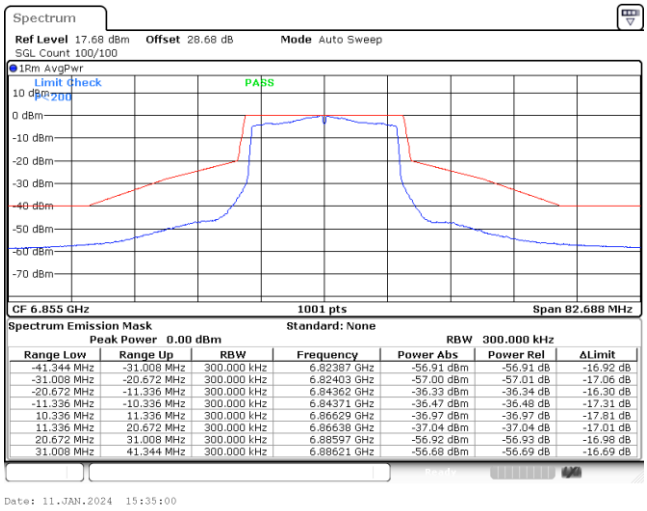
Plot on Channel 6535 MHz



Plot on Channel 6695 MHz

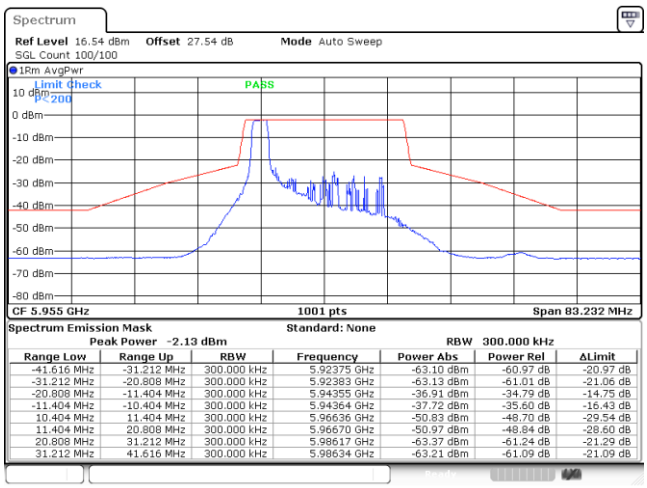


Plot on Channel 6855 MHz

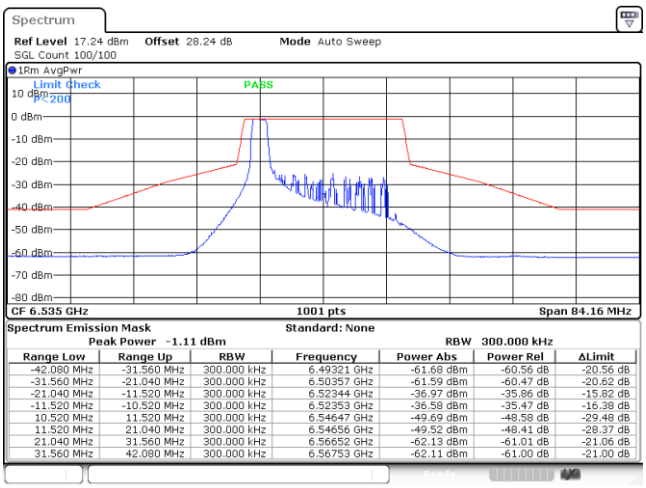


EUT Mode	802.11ax HE20 26RU0

Plot on Channel 5955 MHz

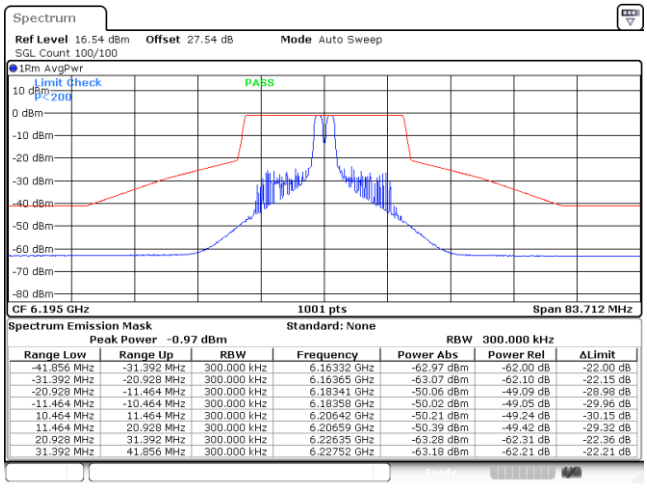


Plot on Channel 6535 MHz

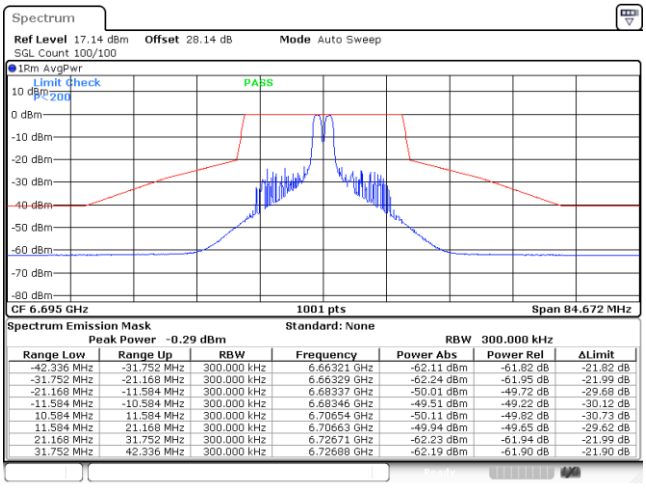


EUT Mode	802.11ax HE20 26RU4

Plot on Channel 6195 MHz

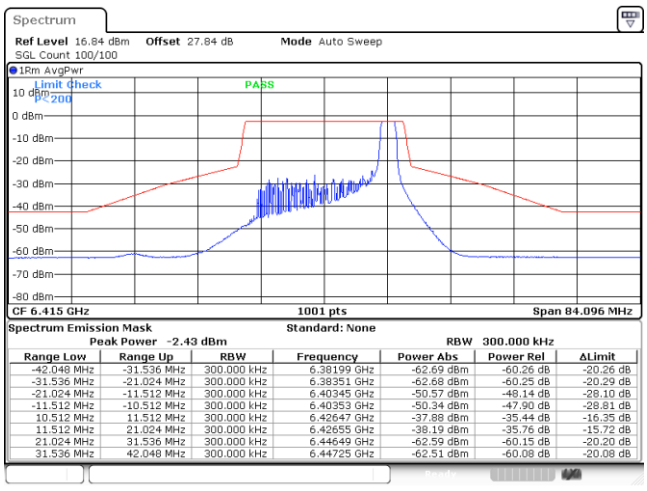


Plot on Channel 6695 MHz

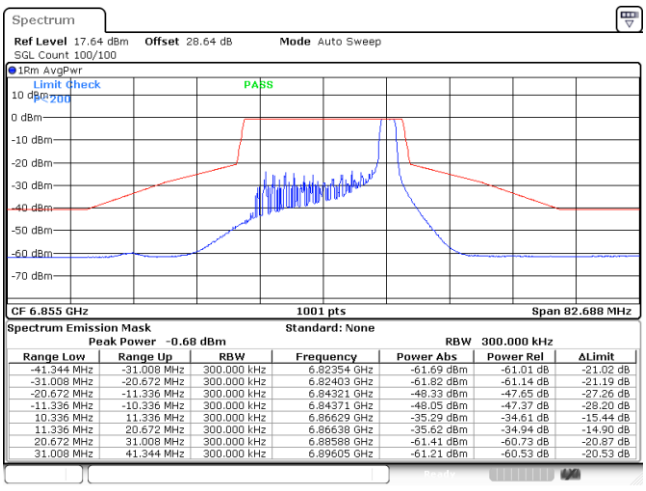


EUT Mode	802.11ax HE20 26RU8

Plot on Channel 6415 MHz

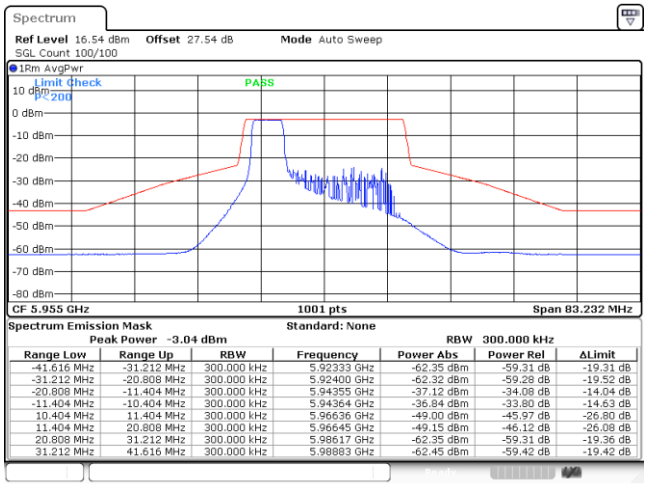


Plot on Channel 6855 MHz

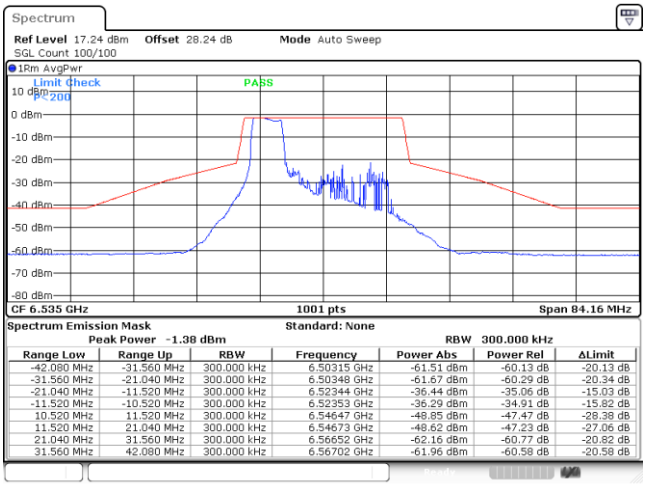


EUT Mode	802.11ax HE20 52RU37

Plot on Channel 5955 MHz

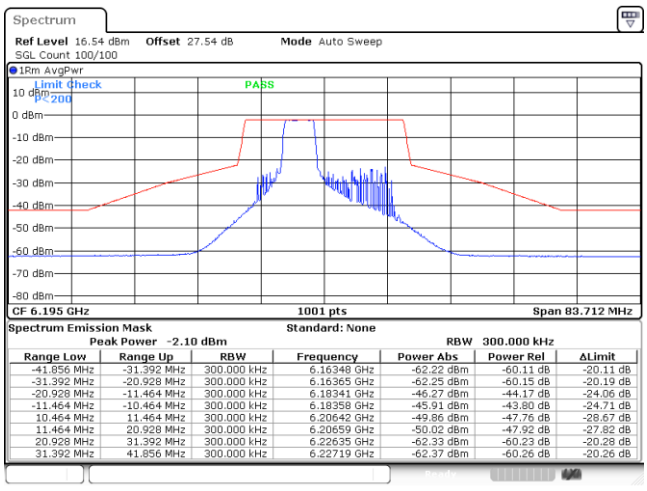


Plot on Channel 6535 MHz

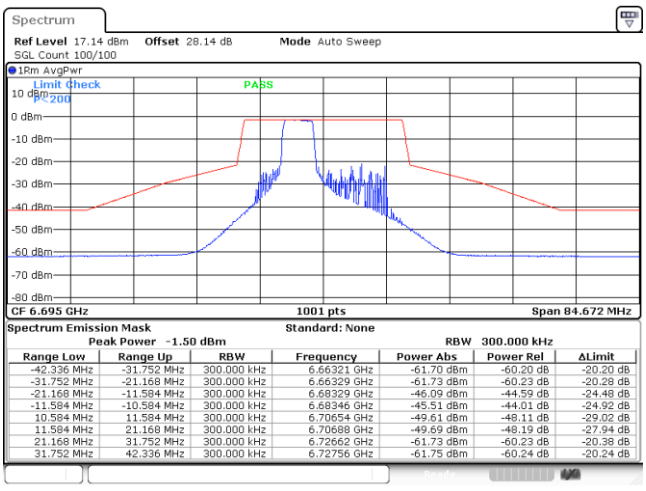


EUT Mode	802.11ax HE20 52RU38

Plot on Channel 6195 MHz

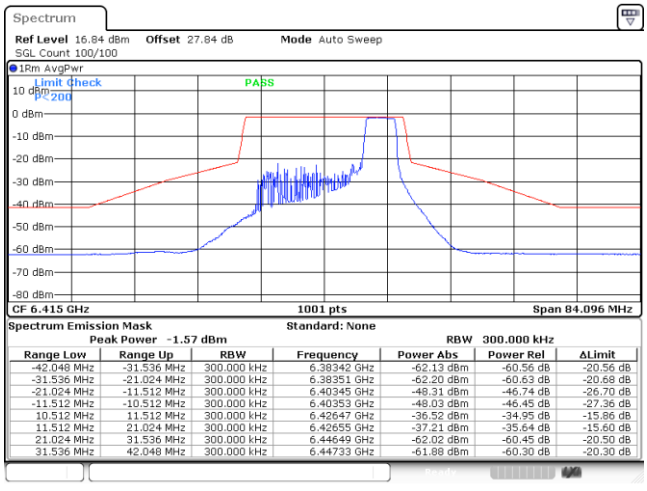


Plot on Channel 6695 MHz

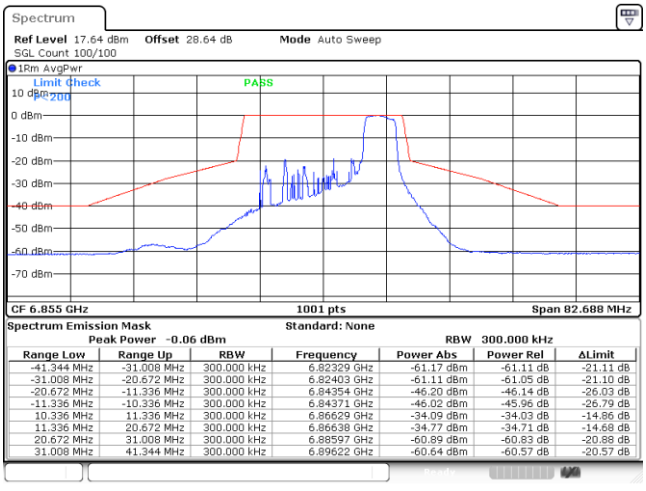


EUT Mode	802.11ax HE20 52RU40

Plot on Channel 6415 MHz

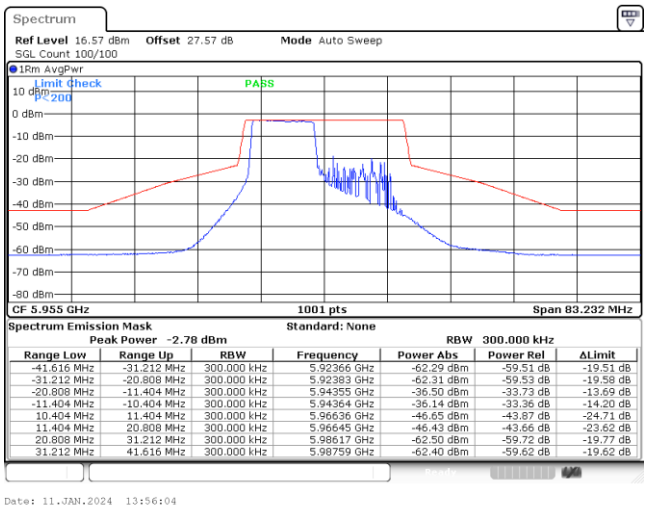


Plot on Channel 6855 MHz

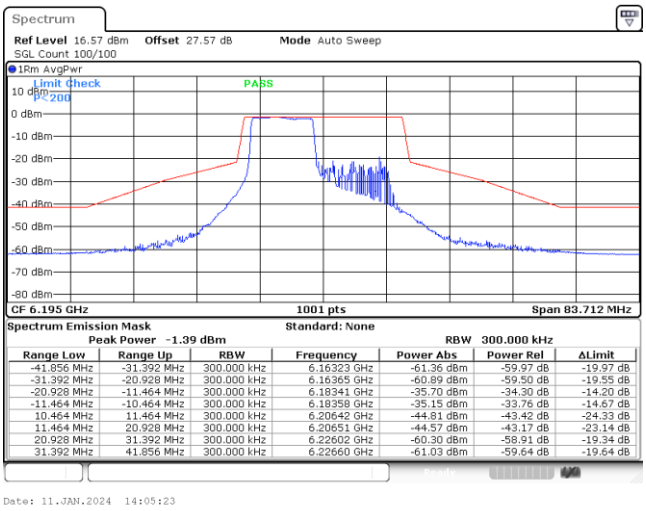


EUT Mode	802.11ax HE20 106RU53

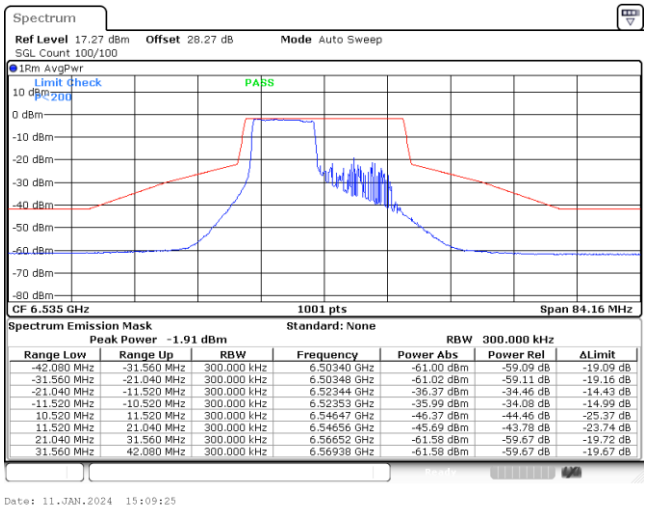
Plot on Channel 5955 MHz



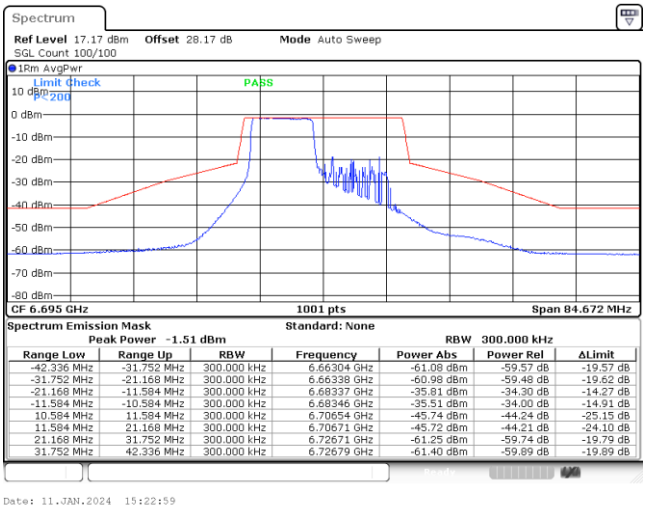
Plot on Channel 6195 MHz



Plot on Channel 6535 MHz

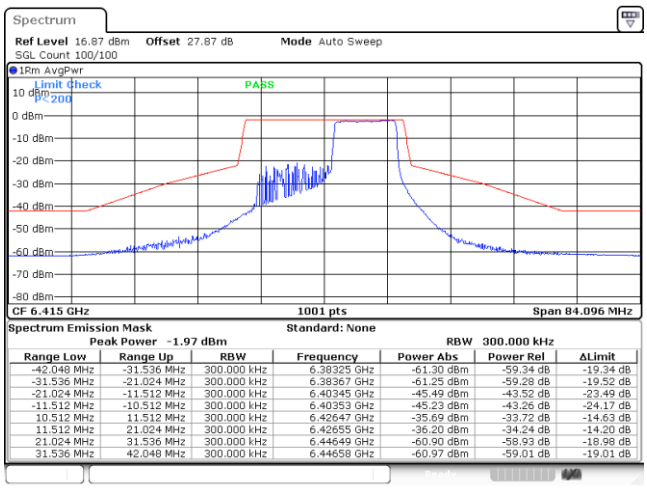


Plot on Channel 6695 MHz



EUT Mode	802.11ax HE20 106RU54

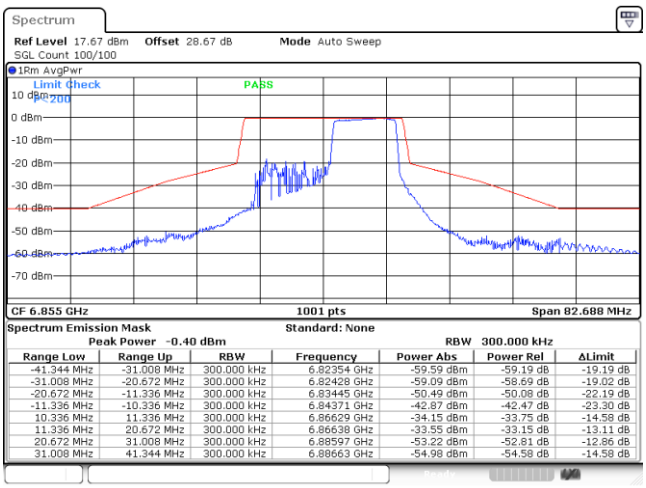
Plot on Channel 6415 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-42.048 MHz	-31.536 MHz	300.000 kHz	6.38325 GHz	-61.30 dBm	-59.34 dB	-19.34 dB
-31.536 MHz	-21.024 MHz	300.000 kHz	6.38367 GHz	-61.25 dBm	-59.28 dB	-19.52 dB
-21.024 MHz	-11.512 MHz	300.000 kHz	6.40345 GHz	-45.49 dBm	-43.52 dB	-23.49 dB
-11.512 MHz	-10.512 MHz	300.000 kHz	6.40353 GHz	-45.23 dBm	-43.26 dB	-24.17 dB
10.512 MHz	11.512 MHz	300.000 kHz	6.42647 GHz	-35.69 dBm	-33.72 dB	-14.63 dB
11.512 MHz	21.024 MHz	300.000 kHz	6.42655 GHz	-36.20 dBm	-34.24 dB	-14.20 dB
21.024 MHz	31.536 MHz	300.000 kHz	6.44649 GHz	-60.90 dBm	-58.93 dB	-18.98 dB
31.536 MHz	42.048 MHz	300.000 kHz	6.44658 GHz	-60.97 dBm	-59.01 dB	-19.01 dB

Date: 11.JAN.2024 14:13:25

Plot on Channel 6855 MHz

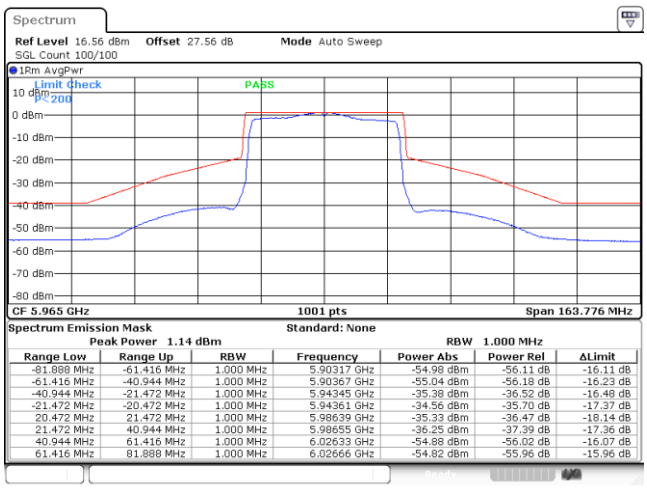


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-41.344 MHz	-31.008 MHz	300.000 kHz	6.82354 GHz	-59.59 dBm	-59.19 dB	-19.19 dB
-31.008 MHz	-20.672 MHz	300.000 kHz	6.82428 GHz	-59.09 dBm	-58.69 dB	-19.02 dB
-20.672 MHz	-11.336 MHz	300.000 kHz	6.83445 GHz	-50.49 dBm	-50.08 dB	-22.19 dB
-11.336 MHz	-10.336 MHz	300.000 kHz	6.84371 GHz	-42.87 dBm	-42.47 dB	-23.30 dB
10.336 MHz	11.336 MHz	300.000 kHz	6.86629 GHz	-34.15 dBm	-33.75 dB	-14.58 dB
11.336 MHz	20.672 MHz	300.000 kHz	6.86638 GHz	-33.55 dBm	-33.15 dB	-13.11 dB
20.672 MHz	31.008 MHz	300.000 kHz	6.88597 GHz	-53.22 dBm	-52.81 dB	-12.86 dB
31.008 MHz	41.344 MHz	300.000 kHz	6.88663 GHz	-54.98 dBm	-54.58 dB	-14.58 dB

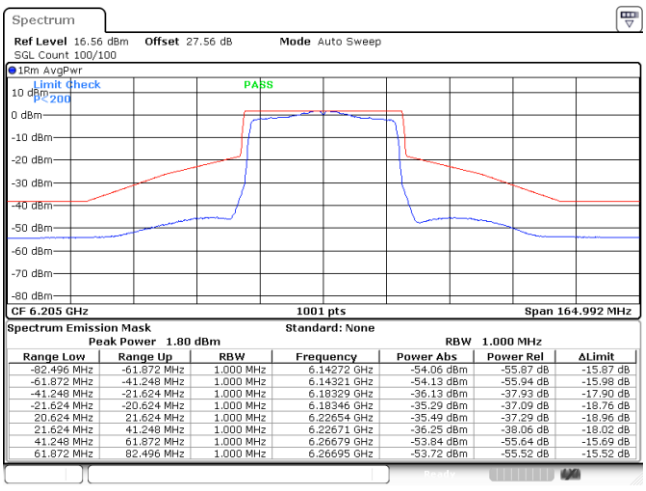
Date: 11.JAN.2024 15:31:39

EUT Mode	802.11ax HE40 Full RU

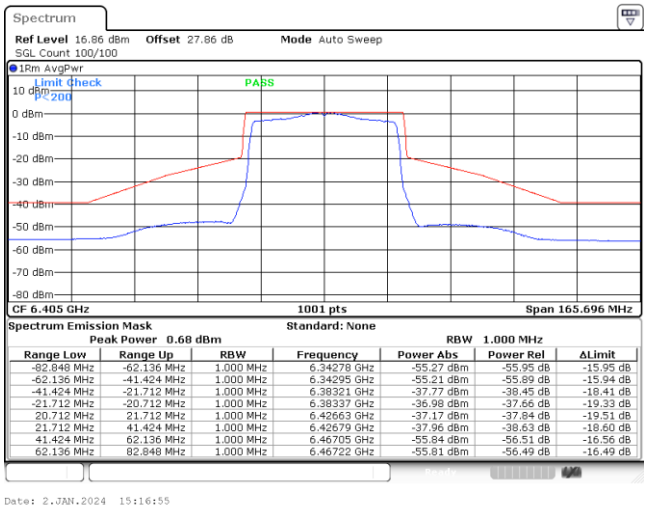
Plot on Channel 5965 MHz



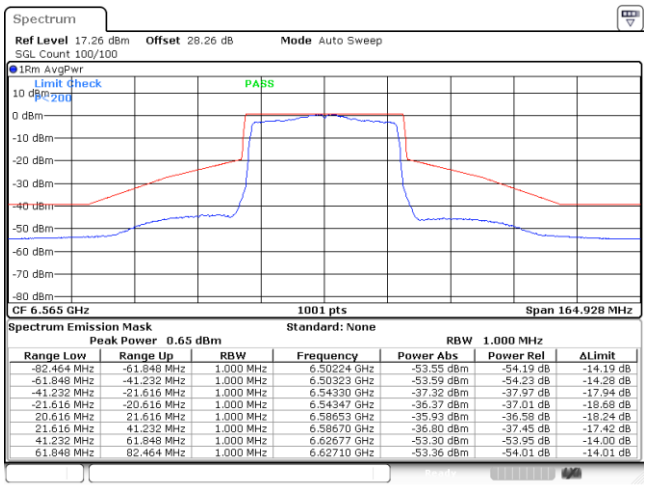
Plot on Channel 6205 MHz



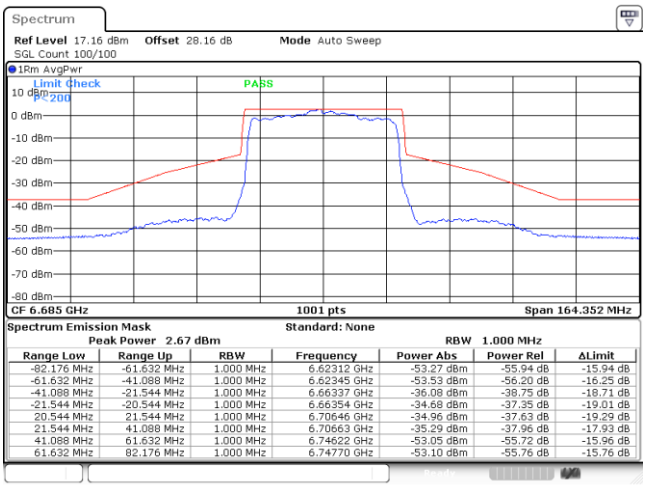
Plot on Channel 6405 MHz



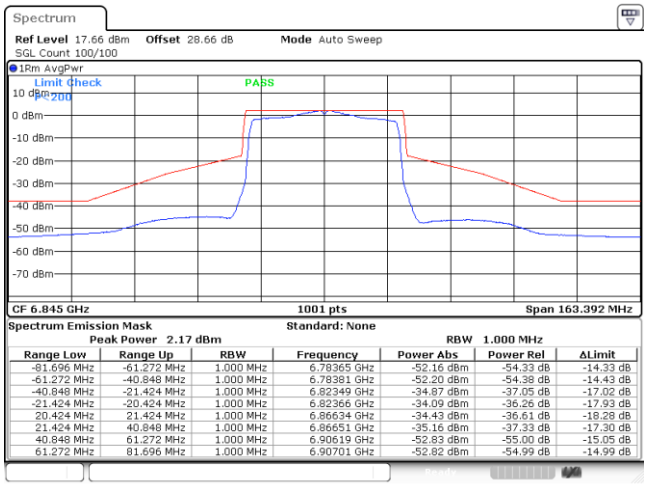
Plot on Channel 6565 MHz



Plot on Channel 6685 MHz

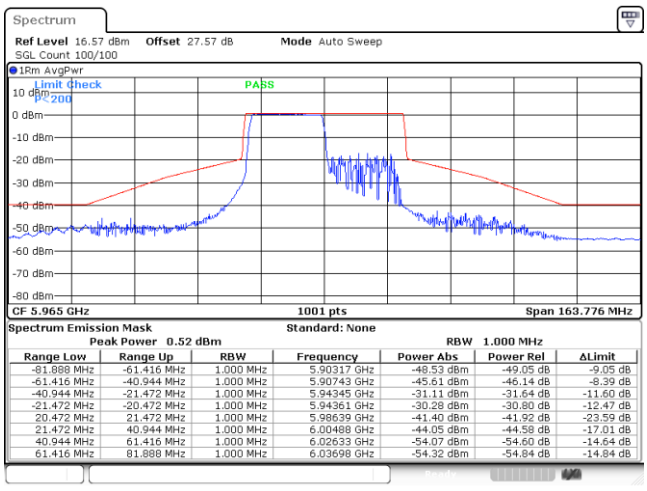


Plot on Channel 6845 MHz



EUT Mode	802.11ax HE40 242RU61

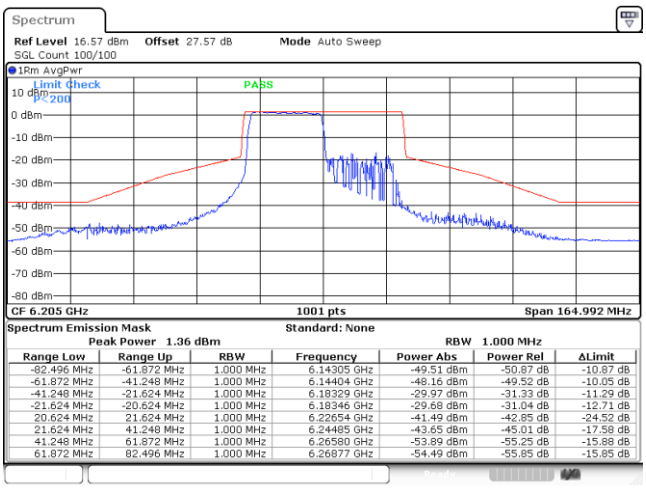
Plot on Channel 5965 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-81.888 MHz	-61.416 MHz	1.000 MHz	5.90317 GHz	-48.53 dBm	-49.05 dB	-9.05 dB
-61.416 MHz	-40.944 MHz	1.000 MHz	5.90743 GHz	-45.61 dBm	-46.14 dB	-8.39 dB
-40.944 MHz	-21.472 MHz	1.000 MHz	5.94345 GHz	-31.11 dBm	-31.64 dB	-11.60 dB
-21.472 MHz	-20.472 MHz	1.000 MHz	5.94361 GHz	-30.28 dBm	-30.80 dB	-12.47 dB
20.472 MHz	21.472 MHz	1.000 MHz	5.98639 GHz	-41.40 dBm	-41.92 dB	-23.59 dB
21.472 MHz	40.944 MHz	1.000 MHz	6.00488 GHz	-44.05 dBm	-44.58 dB	-17.01 dB
40.944 MHz	61.416 MHz	1.000 MHz	6.02633 GHz	-54.07 dBm	-54.60 dB	-14.64 dB
61.416 MHz	81.888 MHz	1.000 MHz	6.03698 GHz	-54.32 dBm	-54.84 dB	-14.84 dB

Date: 11.JAN.2024 15:39:23

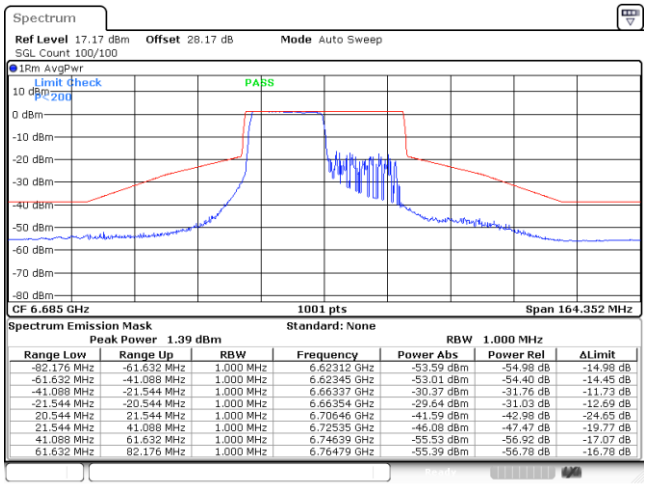
Plot on Channel 6205 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-82.496 MHz	-61.872 MHz	1.000 MHz	6.14305 GHz	-49.51 dBm	-50.87 dB	-10.87 dB
-61.872 MHz	-41.248 MHz	1.000 MHz	6.14404 GHz	-48.16 dBm	-49.52 dB	-10.05 dB
-41.248 MHz	-21.624 MHz	1.000 MHz	6.18329 GHz	-29.97 dBm	-31.33 dB	-11.29 dB
-21.624 MHz	-20.624 MHz	1.000 MHz	6.18346 GHz	-29.68 dBm	-31.04 dB	-12.71 dB
20.624 MHz	21.624 MHz	1.000 MHz	6.22654 GHz	-41.49 dBm	-42.85 dB	-24.52 dB
21.624 MHz	41.248 MHz	1.000 MHz	6.24485 GHz	-43.65 dBm	-45.01 dB	-17.58 dB
41.248 MHz	61.872 MHz	1.000 MHz	6.26580 GHz	-53.89 dBm	-55.25 dB	-15.88 dB
61.872 MHz	82.496 MHz	1.000 MHz	6.26877 GHz	-54.49 dBm	-55.85 dB	-15.85 dB

Date: 11.JAN.2024 15:40:48

Plot on Channel 6685 MHz

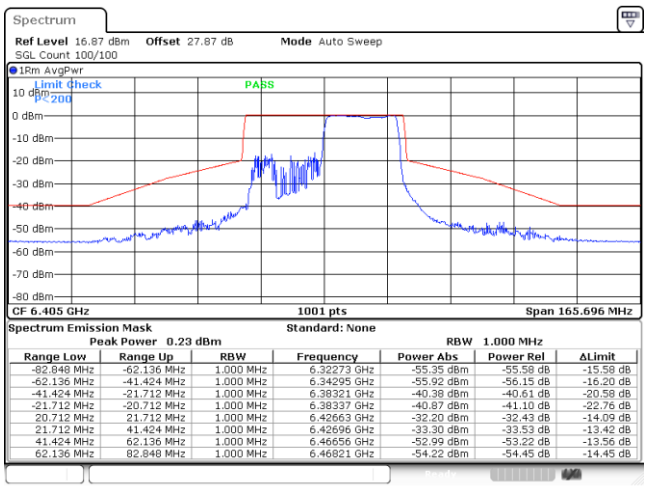


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-82.176 MHz	-61.632 MHz	1.000 MHz	6.62312 GHz	-53.59 dBm	-54.98 dB	-14.98 dB
-61.632 MHz	-41.088 MHz	1.000 MHz	6.62345 GHz	-53.01 dBm	-54.40 dB	-14.45 dB
-41.088 MHz	-21.544 MHz	1.000 MHz	6.66337 GHz	-30.37 dBm	-31.76 dB	-11.73 dB
-21.544 MHz	-20.544 MHz	1.000 MHz	6.66354 GHz	-29.64 dBm	-31.03 dB	-12.69 dB
20.544 MHz	21.544 MHz	1.000 MHz	6.70646 GHz	-41.59 dBm	-42.98 dB	-24.65 dB
21.544 MHz	41.088 MHz	1.000 MHz	6.72535 GHz	-46.08 dBm	-47.47 dB	-19.77 dB
41.088 MHz	61.632 MHz	1.000 MHz	6.74639 GHz	-55.53 dBm	-56.92 dB	-17.07 dB
61.632 MHz	82.176 MHz	1.000 MHz	6.76479 GHz	-55.39 dBm	-56.78 dB	-16.78 dB

Date: 11.JAN.2024 16:14:48

EUT Mode	802.11ax HE40 242RU62

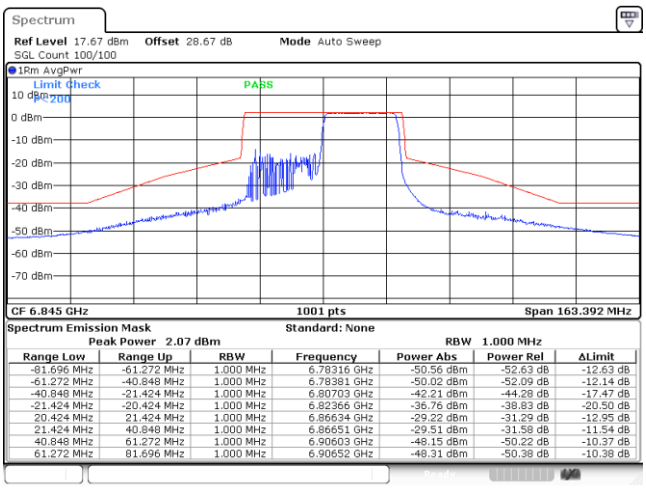
Plot on Channel 6405 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-82.848 MHz	-62.136 MHz	1.000 MHz	6.32273 GHz	-55.35 dBm	-55.58 dB	-15.58 dB
-62.136 MHz	-41.424 MHz	1.000 MHz	6.34295 GHz	-55.92 dBm	-56.15 dB	-16.20 dB
-41.424 MHz	-21.712 MHz	1.000 MHz	6.38321 GHz	-40.38 dBm	-40.61 dB	-20.58 dB
-21.712 MHz	-20.712 MHz	1.000 MHz	6.38337 GHz	-40.87 dBm	-41.10 dB	-22.76 dB
20.712 MHz	21.712 MHz	1.000 MHz	6.42663 GHz	-32.20 dBm	-32.43 dB	-14.09 dB
21.712 MHz	41.424 MHz	1.000 MHz	6.42696 GHz	-33.30 dBm	-33.53 dB	-13.42 dB
41.424 MHz	62.136 MHz	1.000 MHz	6.46656 GHz	-52.99 dBm	-53.22 dB	-13.56 dB
62.136 MHz	82.848 MHz	1.000 MHz	6.46821 GHz	-54.22 dBm	-54.45 dB	-14.45 dB

Date: 11.JAN.2024 15:45:31

Plot on Channel 6845 MHz

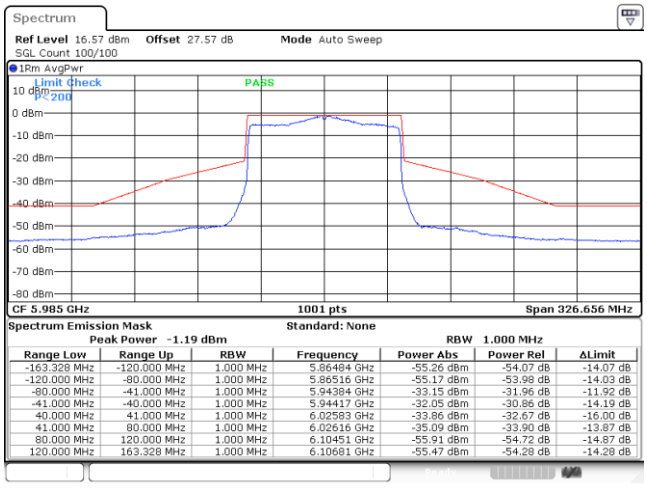


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-81.696 MHz	-61.272 MHz	1.000 MHz	6.78316 GHz	-50.56 dBm	-52.63 dB	-12.63 dB
-61.272 MHz	-40.848 MHz	1.000 MHz	6.78381 GHz	-50.02 dBm	-52.09 dB	-12.14 dB
-40.848 MHz	-21.424 MHz	1.000 MHz	6.80703 GHz	-42.21 dBm	-44.28 dB	-17.47 dB
-21.424 MHz	-20.424 MHz	1.000 MHz	6.82366 GHz	-36.76 dBm	-38.83 dB	-20.50 dB
20.424 MHz	21.424 MHz	1.000 MHz	6.86634 GHz	-29.22 dBm	-31.29 dB	-12.95 dB
21.424 MHz	40.848 MHz	1.000 MHz	6.86651 GHz	-29.51 dBm	-31.58 dB	-11.54 dB
40.848 MHz	61.272 MHz	1.000 MHz	6.90603 GHz	-48.15 dBm	-50.22 dB	-10.37 dB
61.272 MHz	81.696 MHz	1.000 MHz	6.90652 GHz	-48.31 dBm	-50.38 dB	-10.38 dB

Date: 11.JAN.2024 16:23:04

EUT Mode	802.11ax HE80 Full RU

Plot on Channel 5985 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-163.328 MHz	-120.000 MHz	1.000 MHz	5.86484 GHz	-55.26 dBm	-54.07 dB	-14.07 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	5.86516 GHz	-55.17 dBm	-53.98 dB	-14.03 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	5.94384 GHz	-33.15 dBm	-31.96 dB	-11.92 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	5.94417 GHz	-32.05 dBm	-30.86 dB	-14.19 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.02583 GHz	-33.86 dBm	-32.67 dB	-16.00 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.02616 GHz	-35.09 dBm	-33.90 dB	-13.87 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.10451 GHz	-55.91 dBm	-54.72 dB	-14.87 dB
120.000 MHz	163.328 MHz	1.000 MHz	6.10681 GHz	-55.47 dBm	-54.28 dB	-14.28 dB

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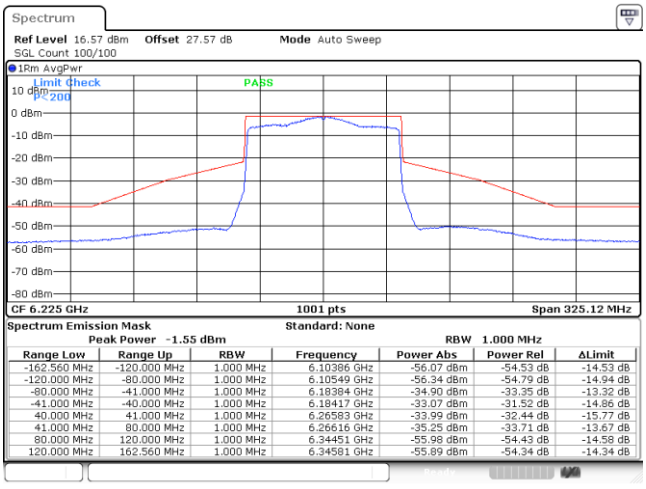
Plot on Channel 6225 MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-162.560 MHz	-120.000 MHz	1.000 MHz	6.10386 GHz	-56.07 dBm	-54.53 dB	-14.53 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.10549 GHz	-56.34 dBm	-54.79 dB	-14.94 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.18384 GHz	-34.90 dBm	-33.35 dB	-13.32 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.18417 GHz	-33.07 dBm	-31.52 dB	-14.86 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.26583 GHz	-33.99 dBm	-32.44 dB	-15.77 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.26616 GHz	-35.25 dBm	-33.71 dB	-13.67 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.34451 GHz	-55.98 dBm	-54.43 dB	-14.58 dB
120.000 MHz	162.560 MHz	1.000 MHz	6.34581 GHz	-55.89 dBm	-54.34 dB	-14.34 dB

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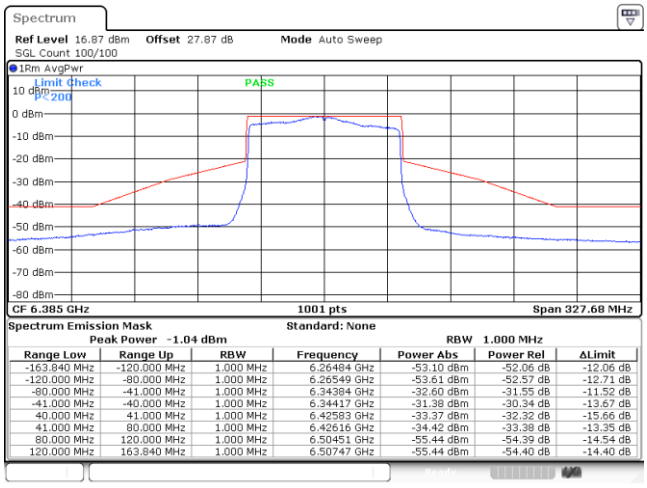
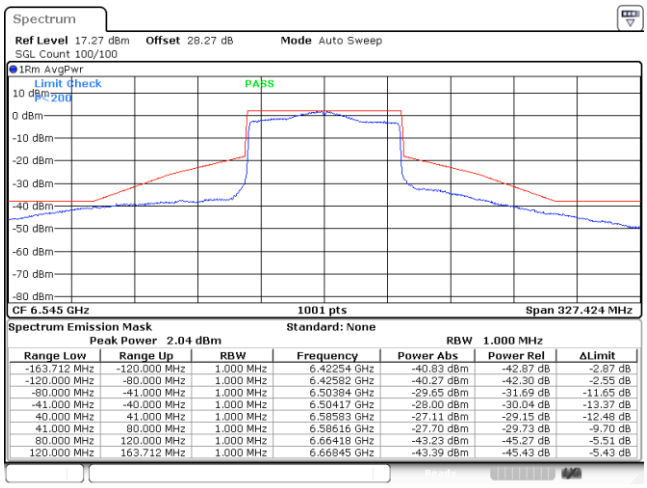
Plot on Channel 6385 MHz



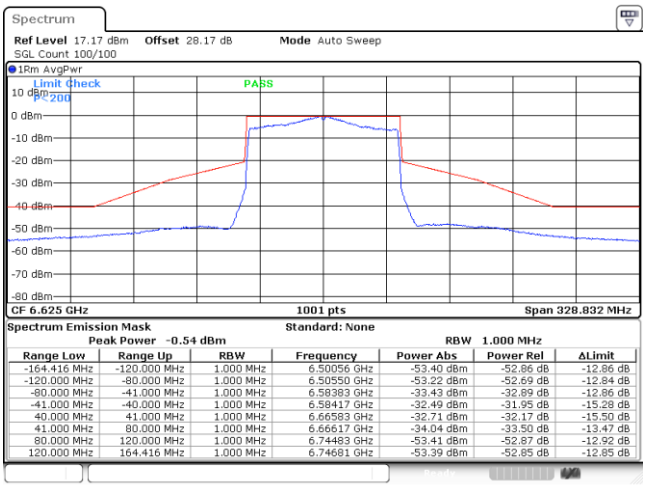
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-163.840 MHz	-120.000 MHz	1.000 MHz	6.26484 GHz	-53.10 dBm	-52.06 dB	-12.06 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.26549 GHz	-53.61 dBm	-52.57 dB	-12.71 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.34384 GHz	-32.60 dBm	-31.55 dB	-11.52 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.34417 GHz	-31.38 dBm	-30.34 dB	-13.67 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.42583 GHz	-33.37 dBm	-32.32 dB	-15.66 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.42616 GHz	-34.42 dBm	-33.38 dB	-13.35 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.50451 GHz	-55.44 dBm	-54.39 dB	-14.54 dB
120.000 MHz	163.840 MHz	1.000 MHz	6.50747 GHz	-55.44 dBm	-54.40 dB	-14.40 dB

Date: 2.JAN.2024 16:06:44

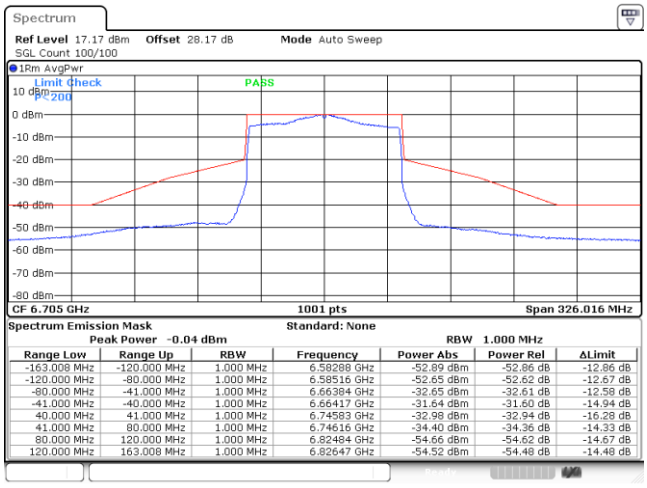
Plot on Channel 6545 MHz



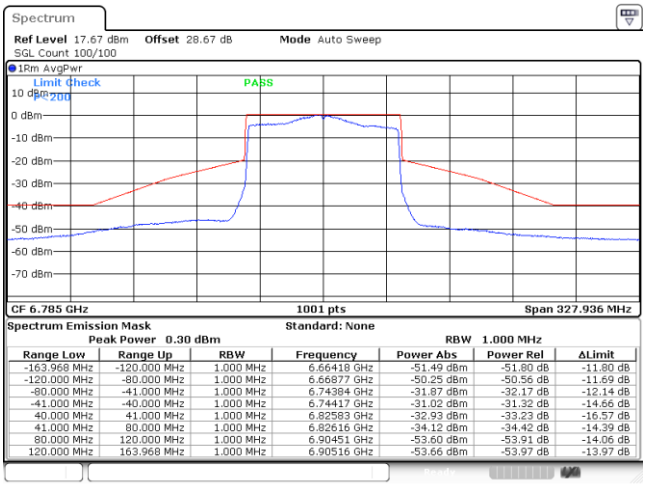
Plot on Channel 6625 MHz



Plot on Channel 6705 MHz

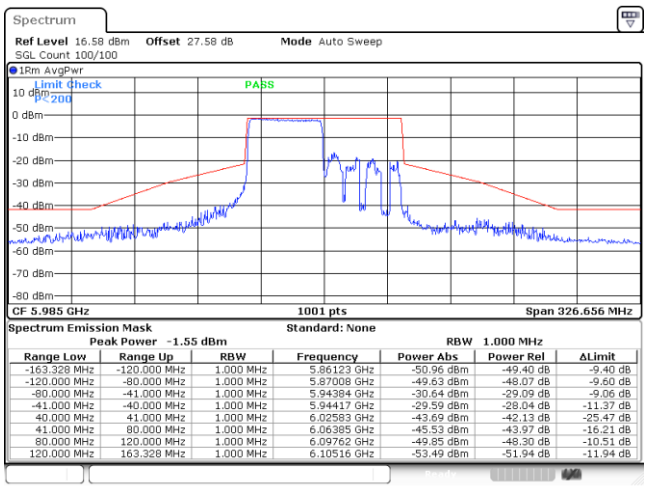


Plot on Channel 6785 MHz

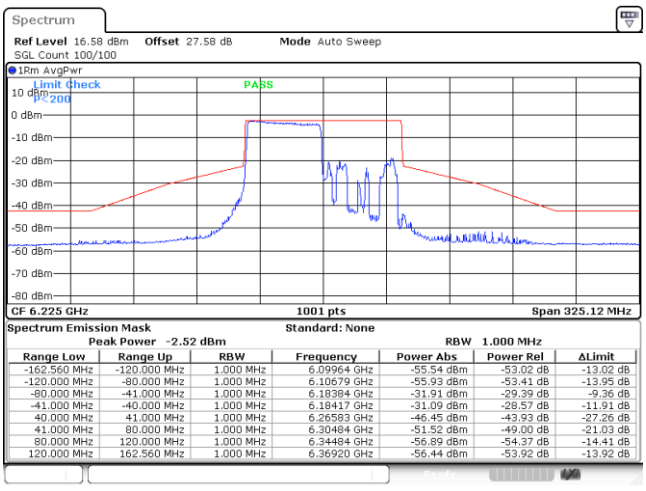


EUT Mode	802.11ax HE80 484RU65

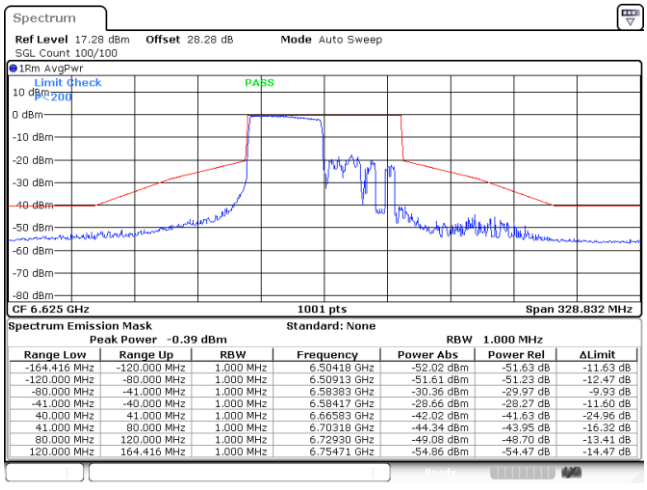
Plot on Channel 5985 MHz



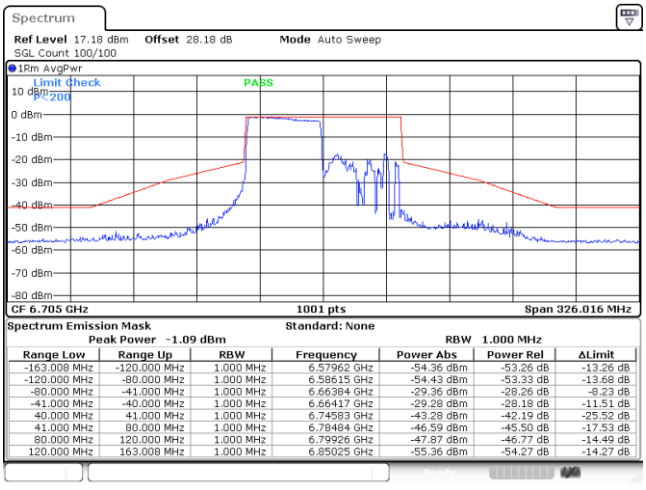
Plot on Channel 6225 MHz



Plot on Channel 6625 MHz

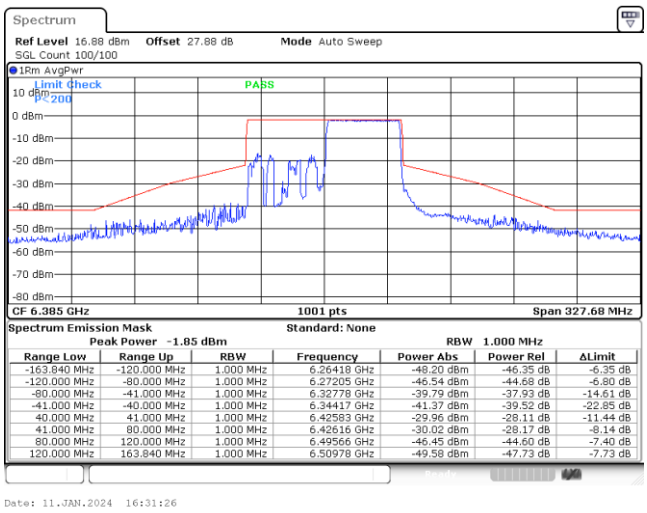


Plot on Channel 6705 MHz

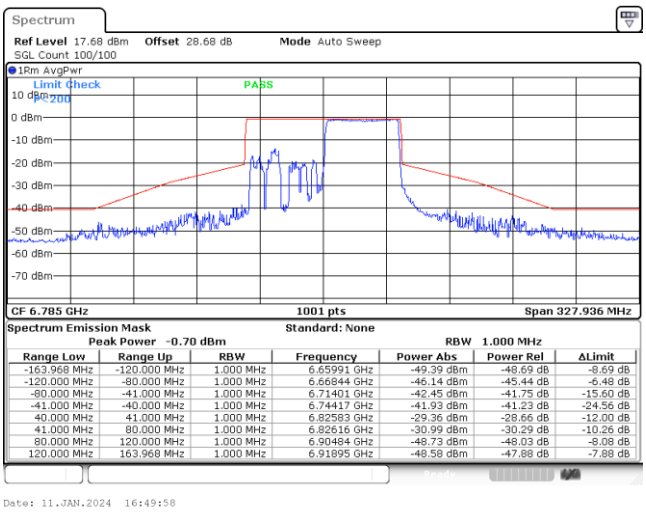


EUT Mode	802.11ax HE80 484RU66

Plot on Channel 6385 MHz

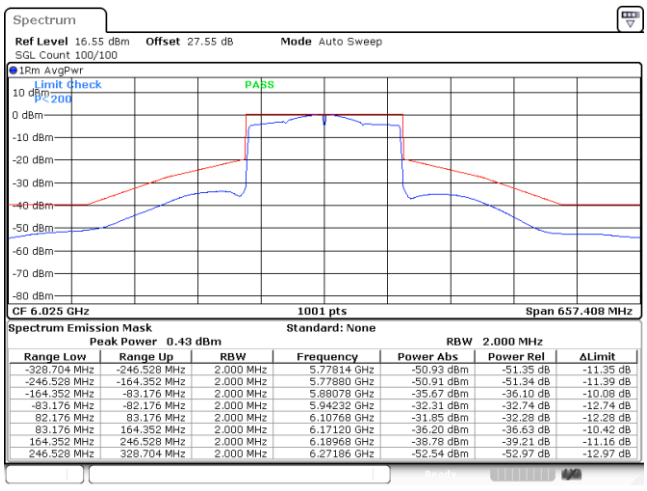


Plot on Channel 6785 MHz

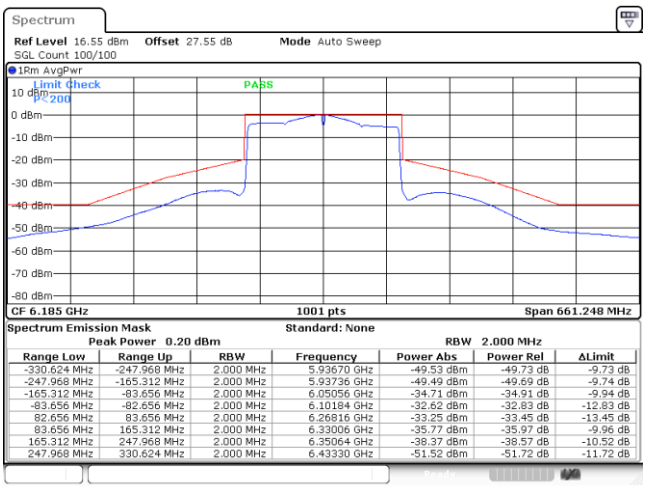


EUT Mode	802.11ax HE160 Full RU

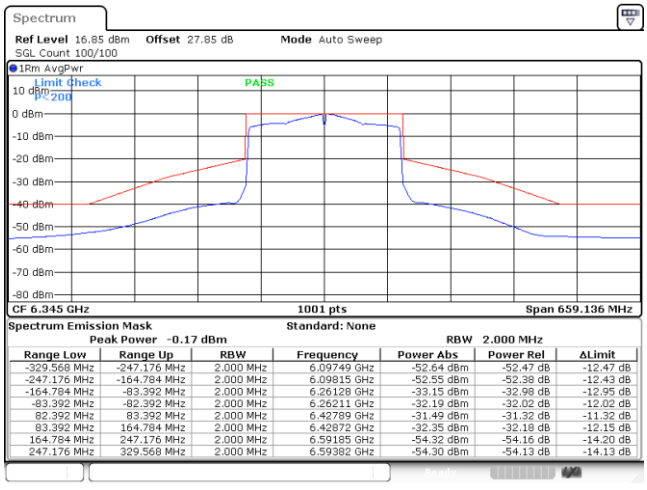
Plot on Channel 6025 MHz



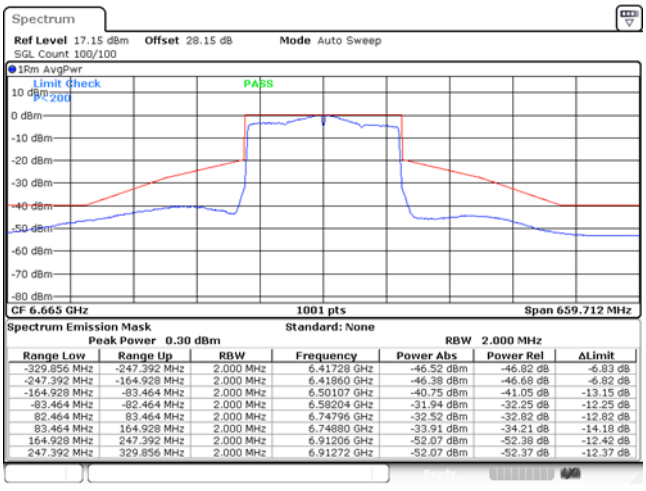
Plot on Channel 6185 MHz



Plot on Channel 6345 MHz

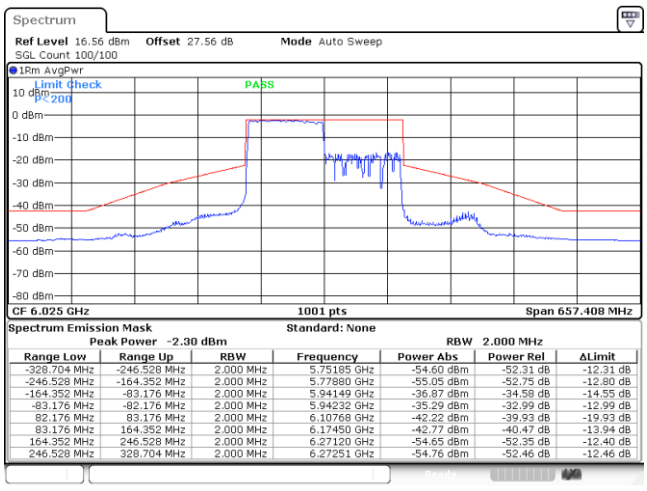


Plot on Channel 6665 MHz

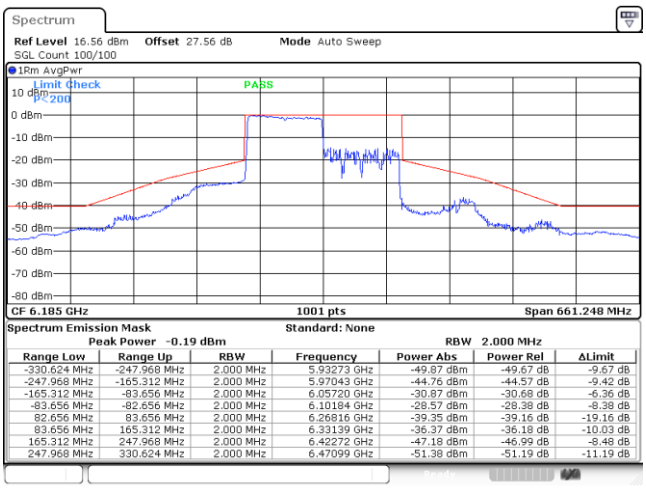


EUT Mode	802.11ax HE160 996RU67

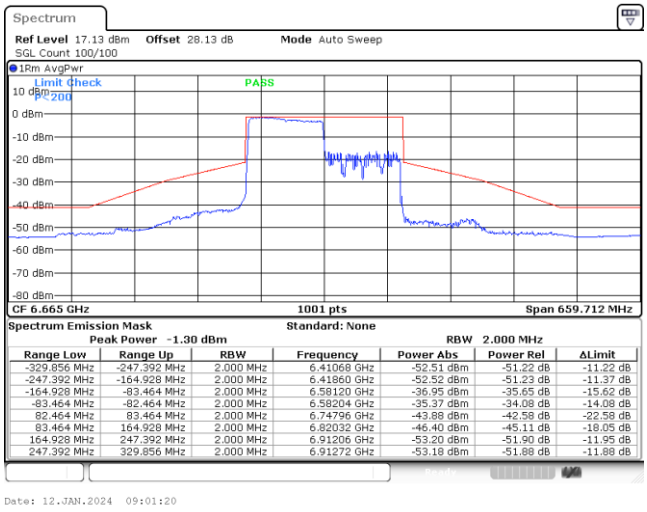
Plot on Channel 6025 MHz



Plot on Channel 6185 MHz

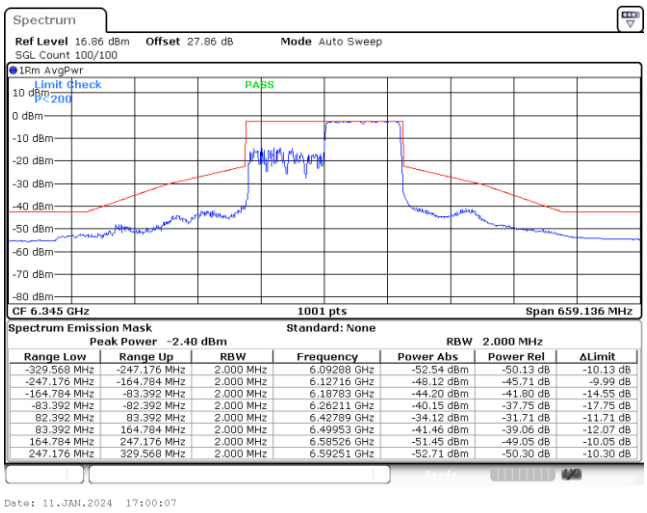


Plot on Channel 6665 MHz



EUT Mode	802.11ax HE160 996RUS67

Plot on Channel 6345 MHz



3.5 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.5.1 Limit of Unwanted Emissions

(1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27 (RMS)	68.3
- 7 (Peak)	88.3

According 987594 D02 U-NII 6GHz EMC Measurement v01 section G:
Unwanted emissions outside of restricted bands are measured with a RMS detector.
In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

(2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

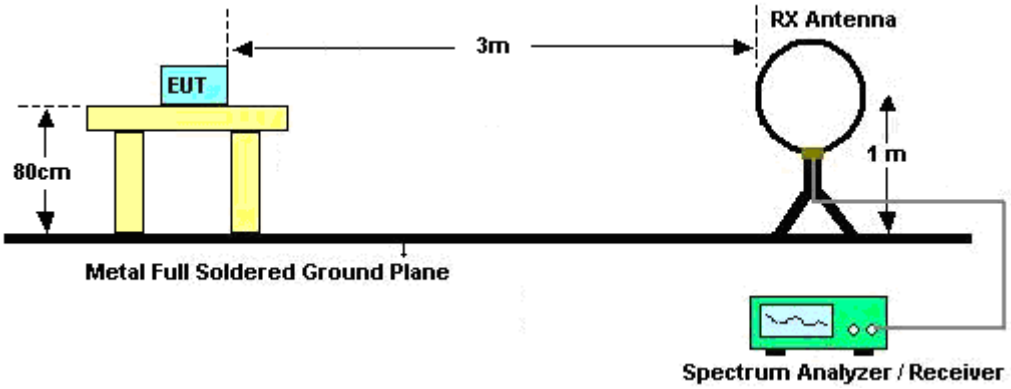
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

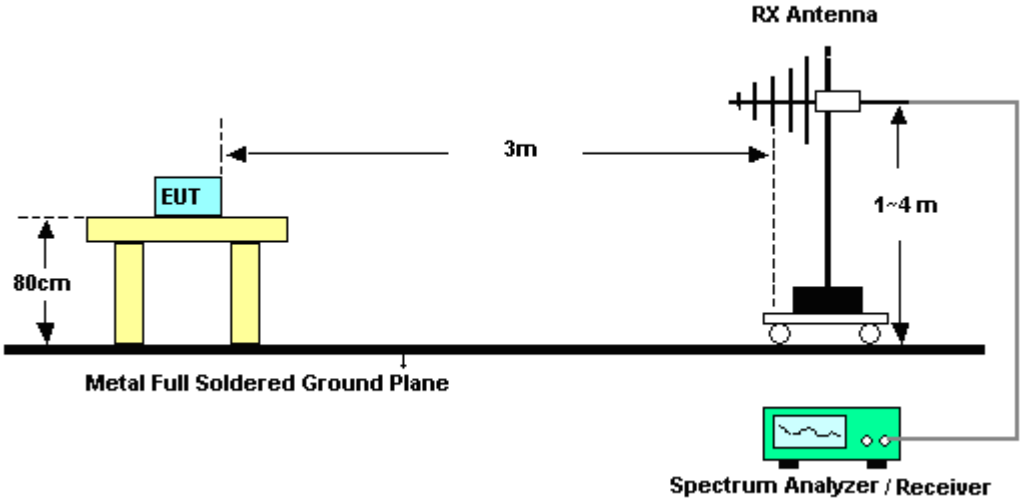
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-“.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-“..

3.5.4 Test Setup

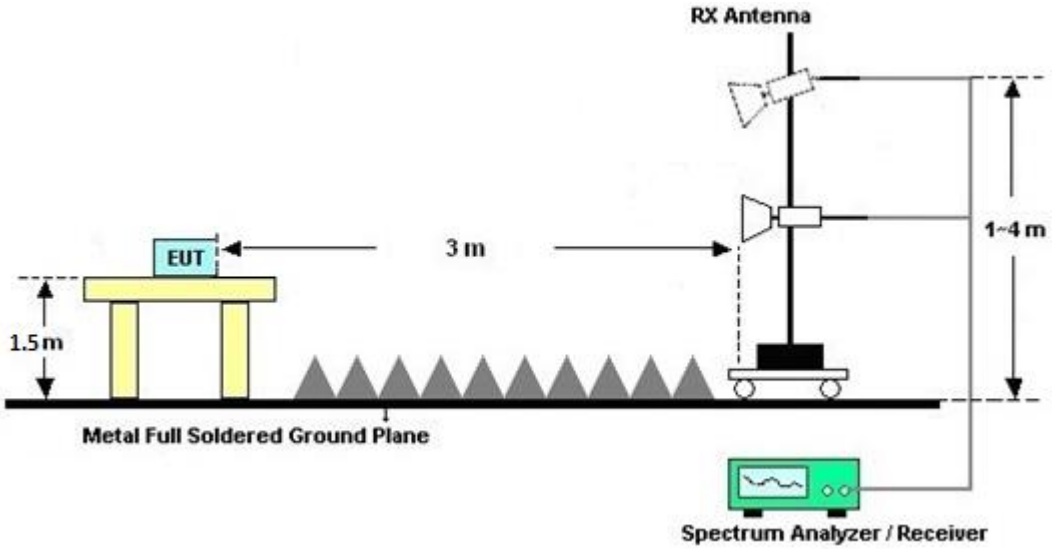
For radiated emissions below 30MHz



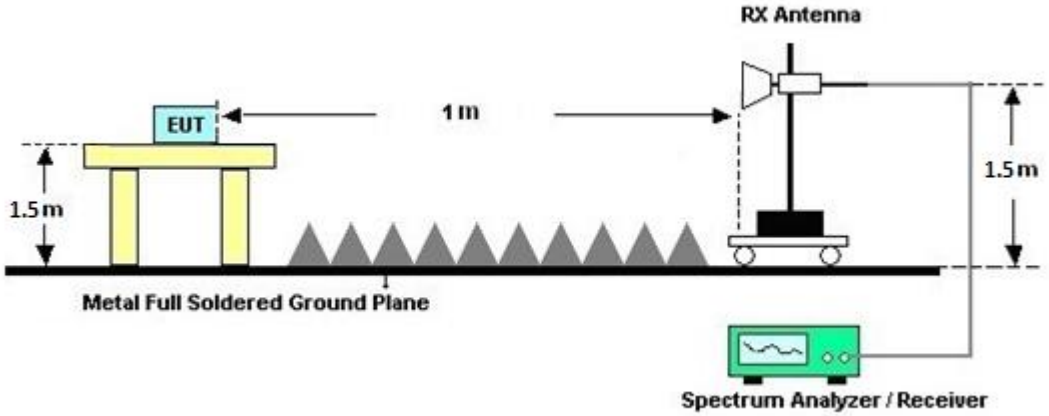
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.5.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.5.7 Duty Cycle

Please refer to Appendix E.

3.5.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

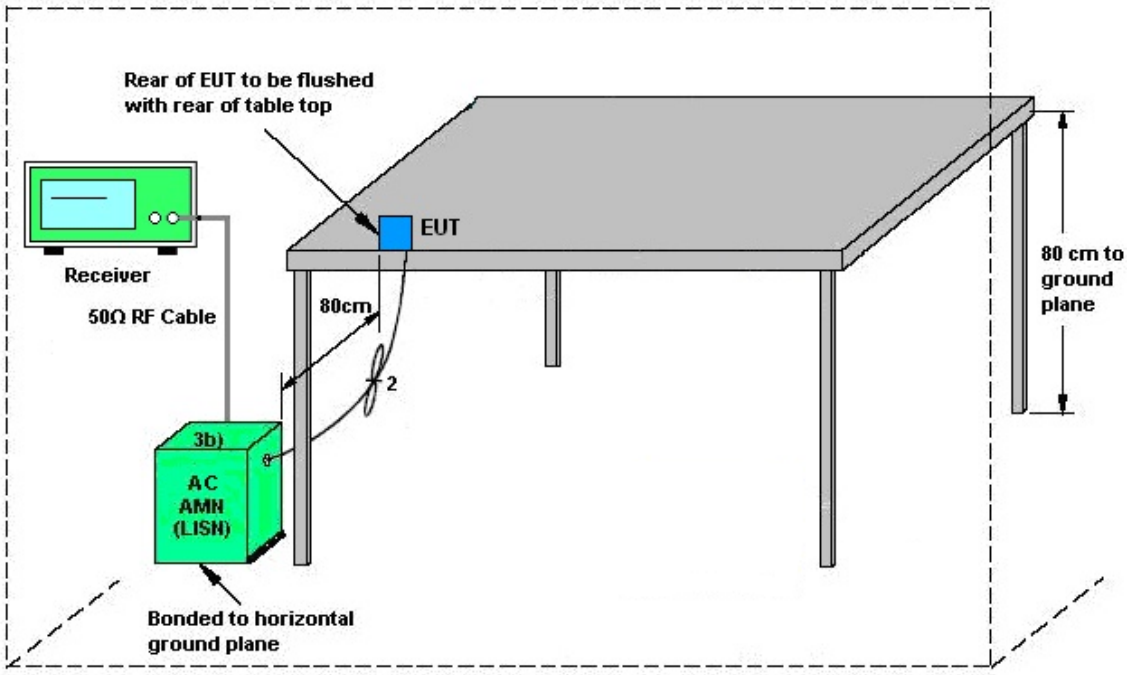
3.6.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.6.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.6.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Nov. 23, 2023~ Jan. 17, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3008W	RPR8W-2301 001(NO:146)	10MHz~8GHz	Feb. 07, 2023	Nov. 23, 2023~ Jan. 17, 2024	Feb. 06, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	Nov. 23, 2023~ Jan. 17, 2024	Sep. 11, 2024	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Dec. 15, 2023~ Jan. 29, 2024	Sep. 11, 2024	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1223	18GHz-40GHz	Jul. 10, 2023	Dec. 15, 2023~ Jan. 29, 2024	Jul. 09, 2024	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 04, 2023	Dec. 15, 2023~ Jan. 29, 2024	Dec. 03, 2024	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz to 1GHz	Oct. 07, 2023	Dec. 15, 2023~ Jan. 29, 2024	Oct. 06, 2024	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 23, 2023	Dec. 15, 2023~ Jan. 29, 2024	Mar. 22, 2024	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 03, 2023	Dec. 15, 2023~ Jan. 29, 2024	Jul. 02, 2024	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 07, 2023	Dec. 15, 2023~ Jan. 29, 2024	Dec. 06, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 26, 2022	Dec. 15, 2023~ Dec. 24, 2023	Dec. 25, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 25, 2023	Dec. 25, 2023~ Jan. 29, 2024	Dec. 24, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Dec. 15, 2023~ Jan. 29, 2024	Jun. 26, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 17, 2023	Dec. 15, 2023~ Jan. 14, 2024	Jan. 16, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 15, 2024	Jan. 15, 2024~ Jan. 29, 2024	Jan. 14, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-60ST	SN3	3GHz High Pass Filter	Jun. 29, 2023	Dec. 15, 2023~ Jan. 29, 2024	Jun. 28, 2024	Radiation (03CH16-HY)
Notch Filter	Wainwright	WRCQV14-5425-5825-6525-6925-60SS	SN1	N/A	Jan. 07, 2023	Dec. 15, 2023~ Jan. 04, 2024	Jan. 06, 2024	Radiation (03CH16-HY)
Notch Filter	Wainwright	WRCQV14-5425-5825-6525-6925-60SS	SN1	N/A	Jan. 05, 2024	Jan. 05, 2024~ Jan. 29, 2024	Jan. 04, 2025	Radiation (03CH16-HY)
Notch Filter	Wainwright	WRCQV14-6025-6425-7125-7525-60SS	SN2	N/A	Jan. 06, 2023	Dec. 15, 2023~ Jan. 04, 2024	Jan. 05, 2024	Radiation (03CH16-HY)
Notch Filter	Wainwright	WRCQV14-6025-6425-7125-7525-60SS	SN2	N/A	Jan. 05, 2024	Jan. 05, 2024~ Jan. 29, 2024	Jan. 04, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WHKX6-7268-9200-26500-40CD	SN4	9GHz High Pass Filter	May 23, 2023	Dec. 15, 2023~ Jan. 29, 2024	May 22, 2024	Radiation (03CH16-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Dec. 15, 2023~ Jan. 29, 2024	Mar. 06, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-5757,805935/4,802434/4	30MHz~18GHz	Aug. 08, 2023	Dec. 15, 2023~ Jan. 29, 2024	Aug. 07, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804012/2	18-40GHz	Jan. 03, 2023	Dec. 15, 2023~ Jan. 01, 2024	Jan. 02, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804012/2	18-40GHz	Jan. 02, 2024	Jan. 02, 2024~ Jan. 29, 2024	Jan. 01, 2025	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Dec. 15, 2023~ Jan. 29, 2024	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Dec. 15, 2023~ Jan. 29, 2024	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 15, 2023~ Jan. 29, 2024	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 15, 2023~ Jan. 29, 2024	N/A	Radiation (03CH16-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 12, 2023	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	Dec. 12, 2023	Sep. 19, 2024	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 26, 2023	Dec. 12, 2023	Oct. 25, 2024	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 22, 2023	Dec. 12, 2023	Nov. 21, 2024	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Dec. 12, 2023	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	9kHz-200MHz	Jul. 28, 2023	Dec. 12, 2023	Jul. 27, 2024	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 29, 2022	Dec. 12, 2023	Dec. 28, 2023	Conduction (CO05-HY)

5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.5 dB

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.50 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.50 dB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.50 dB

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.50 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Wei Shun Hung	Temperature:	21~25	°C
Test Date:	2023/11/27~2024/01/17	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	001	5955	16.38	16.33	19.44	19.38	320.00	Pass
11a	6Mbps	2	049	6195	16.38	16.33	19.34	19.47	320.00	Pass
11a	6Mbps	2	093	6415	16.33	16.33	19.47	19.32	320.00	Pass

Report Number : FR3N2802I

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
11a	6Mbps	2	001	5955	14.90	15.00	17.96	1.78		19.74	30dBm	Pass
11a	6Mbps	2	049	6195	15.00	14.90	17.96	1.78		19.74	30dBm	Pass
11a	6Mbps	2	093	6415	15.30	14.30	17.84	1.78		19.62	30dBm	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
11a	6Mbps	2	001	5955	0.65	0.65			7.21	4.73		11.93	17.00	Pass
11a	6Mbps	2	049	6195	0.65	0.65			6.93	4.73		11.66	17.00	Pass
11a	6Mbps	2	093	6415	0.65	0.65			7.15	4.73		11.88	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	117	6535	16.33	16.33	19.43	19.50	320.00	Pass
11a	6Mbps	2	149	6695	16.33	16.33	19.35	19.35	320.00	Pass
11a	6Mbps	2	181	6855	16.38	16.33	19.46	19.18	320.00	Pass

Report Number : FR3N2802I

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
11a	6Mbps	2	117	6535	15.00	14.50	17.77	1.85		19.62	30dBm	Pass
11a	6Mbps	2	149	6695	15.00	14.50	17.77	1.85		19.62	30dBm	Pass
11a	6Mbps	2	181	6855	14.60	15.00	17.81	1.85		19.66	30dBm	Pass

Report Number : FR3N2802I

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
11a	6Mbps	2	117	6535	0.65	0.65			6.67	4.58		11.25	17.00	Pass
11a	6Mbps	2	149	6695	0.65	0.65			6.72	4.58		11.30	17.00	Pass
11a	6Mbps	2	181	6855	0.65	0.65			6.14	4.58		10.72	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	001	5955	Full	18.83	18.83	20.94	20.81	320.00	Pass
HE20	MCS0	2	049	6195	Full	18.83	18.88	20.82	20.93	320.00	Pass
HE20	MCS0	2	093	6415	Full	18.83	18.88	20.88	21.02	320.00	Pass
HE40	MCS0	2	003	5965	Full	37.76	37.86	41.36	40.94	320.00	Pass
HE40	MCS0	2	051	6205	Full	37.66	37.76	41.17	41.25	320.00	Pass
HE40	MCS0	2	091	6405	Full	37.66	37.76	41.14	41.42	320.00	Pass
HE80	MCS0	2	007	5985	Full	76.72	76.84	81.70	81.66	320.00	Pass
HE80	MCS0	2	055	6225	Full	76.84	76.84	81.63	81.28	320.00	Pass
HE80	MCS0	2	087	6385	Full	77.08	76.96	81.82	81.92	320.00	Pass
HE160	MCS0	2	015	6025	Full	155.36	155.84	164.06	164.35	320.00	Pass
HE160	MCS0	2	047	6185	Full	155.84	156.32	164.59	165.31	320.00	Pass
HE160	MCS0	2	079	6345	Full	156.08	155.60	165.89	164.78	320.00	Pass

Report Number : FR3N2802I

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
HE20	MCS0	2	001	5955	Full	15.10	15.30	18.21	1.78		19.99	30.00	Pass
HE20	MCS0	2	001	5955	26/0	7.10	6.80	9.96	1.78		11.74	30.00	Pass
HE20	MCS0	2	001	5955	52/37	9.60	9.30	12.46	1.78		14.24	30.00	Pass
HE20	MCS0	2	001	5955	106/53	13.00	12.60	15.81	1.78		17.59	30.00	Pass
HE20	MCS0	2	049	6195	Full	15.20	14.90	18.06	1.78		19.84	30.00	Pass
HE20	MCS0	2	049	6195	26/4	8.30	8.20	11.26	1.78		13.04	30.00	Pass
HE20	MCS0	2	049	6195	52/38	10.50	10.20	13.36	1.78		15.14	30.00	Pass
HE20	MCS0	2	049	6195	106/53	13.50	13.50	16.51	1.78		18.29	30.00	Pass
HE20	MCS0	2	093	6415	Full	15.20	14.20	17.74	1.78		19.52	30.00	Pass
HE20	MCS0	2	093	6415	26/8	6.60	6.00	9.32	1.78		11.10	30.00	Pass
HE20	MCS0	2	093	6415	52/40	10.30	9.90	13.11	1.78		14.89	30.00	Pass
HE20	MCS0	2	093	6415	106/54	13.00	12.70	15.86	1.78		17.64	30.00	Pass
HE40	MCS0	2	003	5965	Full	15.10	15.10	18.11	1.78		19.89	30.00	Pass
HE40	MCS0	2	003	5965	242/61	14.40	14.10	17.26	1.78		19.04	30.00	Pass
HE40	MCS0	2	051	6205	Full	15.20	14.90	18.06	1.78		19.84	30.00	Pass
HE40	MCS0	2	051	6205	242/61	14.50	14.40	17.46	1.78		19.24	30.00	Pass
HE40	MCS0	2	091	6405	Full	14.60	14.10	17.37	1.78		19.15	30.00	Pass
HE40	MCS0	2	091	6405	242/62	13.60	13.20	16.41	1.78		18.19	30.00	Pass
HE80	MCS0	2	007	5985	Full	15.00	15.20	18.11	1.78		19.89	30.00	Pass
HE80	MCS0	2	007	5985	484/65	14.70	14.30	17.51	1.78		19.29	30.00	Pass
HE80	MCS0	2	055	6225	Full	14.90	14.30	17.62	1.78		19.40	30.00	Pass
HE80	MCS0	2	055	6225	484/65	13.80	13.00	16.43	1.78		18.21	30.00	Pass
HE80	MCS0	2	087	6385	Full	15.30	14.60	17.97	1.78		19.75	30.00	Pass
HE80	MCS0	2	087	6385	484/66	14.60	14.30	17.46	1.78		19.24	30.00	Pass
HE160	MCS0	2	015	6025	Full	15.00	15.00	18.01	1.78		19.79	30.00	Pass
HE160	MCS0	2	015	6025	996/67	13.90	13.60	16.76	1.78		18.54	30.00	Pass
HE160	MCS0	2	047	6185	Full	15.40	15.00	18.21	1.78		19.99	30.00	Pass
HE160	MCS0	2	047	6185	996/67	15.40	15.50	18.46	1.78		20.24	30.00	Pass
HE160	MCS0	2	079	6345	Full	15.00	14.40	17.72	1.78		19.50	30.00	Pass
HE160	MCS0	2	079	6345	996/S67	14.10	13.70	16.91	1.78		18.69	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
HE20	MCS0	2	001	5955	Full	0.66	0.68			6.79	4.73		11.51	17.00	Pass
HE20	MCS0	2	001	5955	26/0	0.63	0.64			6.31	4.73		11.04	17.00	Pass
HE20	MCS0	2	001	5955	52/37	0.64	0.64			5.97	4.73		10.70	17.00	Pass
HE20	MCS0	2	001	5955	106/53	0.67	0.67			6.29	4.73		11.02	17.00	Pass
HE20	MCS0	2	049	6195	Full	0.66	0.68			6.95	4.73		11.67	17.00	Pass
HE20	MCS0	2	049	6195	26/4	0.63	0.64			6.49	4.73		11.21	17.00	Pass
HE20	MCS0	2	049	6195	52/38	0.64	0.64			6.57	4.73		11.30	17.00	Pass
HE20	MCS0	2	049	6195	106/53	0.67	0.67			6.74	4.73		11.47	17.00	Pass
HE20	MCS0	2	093	6415	Full	0.66	0.68			6.72	4.73		11.45	17.00	Pass
HE20	MCS0	2	093	6415	26/8	0.63	0.64			6.00	4.73		10.72	17.00	Pass
HE20	MCS0	2	093	6415	52/40	0.64	0.64			6.64	4.73		11.37	17.00	Pass
HE20	MCS0	2	093	6415	106/54	0.67	0.67			6.35	4.73		11.07	17.00	Pass
HE40	MCS0	2	003	5965	Full	0.65	0.66			4.10	4.73		8.83	17.00	Pass
HE40	MCS0	2	003	5965	242/61	0.67	0.67			4.02	4.73		8.75	17.00	Pass
HE40	MCS0	2	051	6205	Full	0.65	0.66			4.47	4.73		9.20	17.00	Pass
HE40	MCS0	2	051	6205	242/61	0.67	0.67			4.31	4.73		9.04	17.00	Pass
HE40	MCS0	2	091	6405	Full	0.65	0.66			3.56	4.73		8.28	17.00	Pass
HE40	MCS0	2	091	6405	242/62	0.67	0.67			3.26	4.73		7.99	17.00	Pass
HE80	MCS0	2	007	5985	Full	0.67	0.67			2.05	4.73		6.78	17.00	Pass
HE80	MCS0	2	007	5985	484/65	0.68	0.68			1.64	4.73		6.36	17.00	Pass
HE80	MCS0	2	055	6225	Full	0.67	0.67			0.72	4.73		5.45	17.00	Pass
HE80	MCS0	2	055	6225	484/65	0.68	0.68			0.49	4.73		5.22	17.00	Pass
HE80	MCS0	2	087	6385	Full	0.67	0.67			1.60	4.73		6.32	17.00	Pass
HE80	MCS0	2	087	6385	484/66	0.68	0.68			1.49	4.73		6.22	17.00	Pass
HE160	MCS0	2	015	6025	Full	0.69	0.65			-1.68	4.73		3.04	17.00	Pass
HE160	MCS0	2	015	6025	996/67	0.66	0.66			-2.15	4.73		2.58	17.00	Pass
HE160	MCS0	2	047	6185	Full	0.69	0.65			0.45	4.73		5.18	17.00	Pass
HE160	MCS0	2	047	6185	996/67	0.66	0.66			-0.51	4.73		4.21	17.00	Pass
HE160	MCS0	2	079	6345	Full	0.69	0.65			-1.24	4.73		3.48	17.00	Pass
HE160	MCS0	2	079	6345	996/S67	0.66	0.66			-1.55	4.73		3.17	17.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Emission Bandwidth Limit (MHz)	Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	117	6535	Full	18.88	18.83	20.93	21.04	320.00	Pass
HE20	MCS0	2	149	6695	Full	18.83	18.88	20.86	21.17	320.00	Pass
HE20	MCS0	2	181	6855	Full	18.83	18.88	20.92	20.67	320.00	Pass
HE40	MCS0	2	123	6565	Full	37.66	37.76	41.07	41.23	320.00	Pass
HE40	MCS0	2	147	6685	Full	37.76	37.76	41.26	41.09	320.00	Pass
HE40	MCS0	2	179	6845	Full	37.76	37.86	40.94	40.85	320.00	Pass
HE80	MCS0	2	135	6625	Full	76.60	76.84	81.57	82.21	320.00	Pass
HE80	MCS0	2	151	6705	Full	76.60	76.72	81.54	81.50	320.00	Pass
HE80	MCS0	2	167	6785	Full	76.72	76.84	81.66	81.98	320.00	Pass
HE160	MCS0	2	143	6665	Full	155.60	156.08	164.02	164.93	320.00	Pass

Report Number : FR3N2802I

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
HE20	MCS0	2	117	6535	Full	15.00	14.80	17.91	1.85		19.76	30.00	Pass
HE20	MCS0	2	117	6535	26/0	7.50	9.50	11.62	1.85		13.47	30.00	Pass
HE20	MCS0	2	117	6535	52/37	10.20	9.80	13.01	1.85		14.86	30.00	Pass
HE20	MCS0	2	117	6535	106/53	13.00	12.50	15.77	1.85		17.62	30.00	Pass
HE20	MCS0	2	149	6695	Full	14.90	14.80	17.86	1.85		19.71	30.00	Pass
HE20	MCS0	2	149	6695	26/4	7.40	7.70	10.56	1.85		12.41	30.00	Pass
HE20	MCS0	2	149	6695	52/38	9.50	9.40	12.46	1.85		14.31	30.00	Pass
HE20	MCS0	2	149	6695	106/53	12.10	12.30	15.21	1.85		17.06	30.00	Pass
HE20	MCS0	2	181	6855	Full	14.70	15.00	17.86	1.85		19.71	30.00	Pass
HE20	MCS0	2	181	6855	26/8	6.00	7.50	9.82	1.85		11.67	30.00	Pass
HE20	MCS0	2	181	6855	52/40	9.20	10.50	12.91	1.85		14.76	30.00	Pass
HE20	MCS0	2	181	6855	106/54	12.10	13.40	15.81	1.85		17.66	30.00	Pass
HE40	MCS0	2	123	6565	Full	14.80	15.00	17.91	1.85		19.76	30.00	Pass
HE40	MCS0	2	123	6565	242/61	13.70	13.70	16.71	1.85		18.56	30.00	Pass
HE40	MCS0	2	147	6685	Full	15.00	14.90	17.96	1.85		19.81	30.00	Pass
HE40	MCS0	2	147	6685	242/61	14.00	14.20	17.11	1.85		18.96	30.00	Pass
HE40	MCS0	2	179	6845	Full	14.70	15.00	17.86	1.85		19.71	30.00	Pass
HE40	MCS0	2	179	6845	242/62	12.90	14.30	16.67	1.85		18.52	30.00	Pass
HE80	MCS0	2	135	6625	Full	14.90	15.00	17.96	1.85		19.81	30.00	Pass
HE80	MCS0	2	135	6625	484/65	14.70	15.00	17.86	1.85		19.71	30.00	Pass
HE80	MCS0	2	151	6705	Full	14.90	14.80	17.86	1.85		19.71	30.00	Pass
HE80	MCS0	2	151	6705	484/65	14.10	14.50	17.31	1.85		19.16	30.00	Pass
HE80	MCS0	2	167	6785	Full	15.00	14.80	17.91	1.85		19.76	30.00	Pass
HE80	MCS0	2	167	6785	484/66	13.80	13.70	16.76	1.85		18.61	30.00	Pass
HE160	MCS0	2	143	6665	Full	14.80	15.00	17.91	1.85		19.76	30.00	Pass
HE160	MCS0	2	143	6665	996/67	14.60	14.90	17.76	1.85		19.61	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	SUM		
HE20	MCS0	2	117	6535	Full	0.66	0.68			6.91	4.58		11.49	17.00	Pass
HE20	MCS0	2	117	6535	26/0	0.63	0.64			6.74	4.58		11.32	17.00	Pass
HE20	MCS0	2	117	6535	52/37	0.64	0.64			6.63	4.58		11.21	17.00	Pass
HE20	MCS0	2	117	6535	106/53	0.67	0.67			6.66	4.58		11.24	17.00	Pass
HE20	MCS0	2	149	6695	Full	0.66	0.68			6.59	4.58		11.17	17.00	Pass
HE20	MCS0	2	149	6695	26/4	0.63	0.64			6.16	4.58		10.74	17.00	Pass
HE20	MCS0	2	149	6695	52/38	0.64	0.64			6.21	4.58		10.79	17.00	Pass
HE20	MCS0	2	149	6695	106/53	0.67	0.67			6.43	4.58		11.01	17.00	Pass
HE20	MCS0	2	181	6855	Full	0.66	0.68			6.45	4.58		11.03	17.00	Pass
HE20	MCS0	2	181	6855	26/8	0.63	0.64			6.19	4.58		10.76	17.00	Pass
HE20	MCS0	2	181	6855	52/40	0.64	0.64			6.45	4.58		11.03	17.00	Pass
HE20	MCS0	2	181	6855	106/54	0.67	0.67			6.17	4.58		10.75	17.00	Pass
HE40	MCS0	2	123	6565	Full	0.65	0.66			3.83	4.58		8.41	17.00	Pass
HE40	MCS0	2	123	6565	242/61	0.67	0.67			3.65	4.58		8.23	17.00	Pass
HE40	MCS0	2	147	6685	Full	0.65	0.66			4.38	4.58		8.96	17.00	Pass
HE40	MCS0	2	147	6685	242/61	0.67	0.67			4.14	4.58		8.72	17.00	Pass
HE40	MCS0	2	179	6845	Full	0.65	0.66			3.54	4.58		8.12	17.00	Pass
HE40	MCS0	2	179	6845	242/62	0.67	0.67			3.29	4.58		7.87	17.00	Pass
HE80	MCS0	2	135	6625	Full	0.67	0.67			1.91	4.58		6.49	17.00	Pass
HE80	MCS0	2	135	6625	484/65	0.68	0.68			1.78	4.58		6.36	17.00	Pass
HE80	MCS0	2	151	6705	Full	0.67	0.67			1.49	4.58		6.07	17.00	Pass
HE80	MCS0	2	151	6705	484/65	0.68	0.68			1.46	4.58		6.04	17.00	Pass
HE80	MCS0	2	167	6785	Full	0.67	0.67			1.45	4.58		6.03	17.00	Pass
HE80	MCS0	2	167	6785	484/66	0.68	0.68			1.30	4.58		5.88	17.00	Pass
HE160	MCS0	2	143	6665	Full	0.69	0.65			-1.04	4.58		3.54	17.00	Pass
HE160	MCS0	2	143	6665	996/67	0.66	0.66			-1.45	4.58		3.13	17.00	Pass

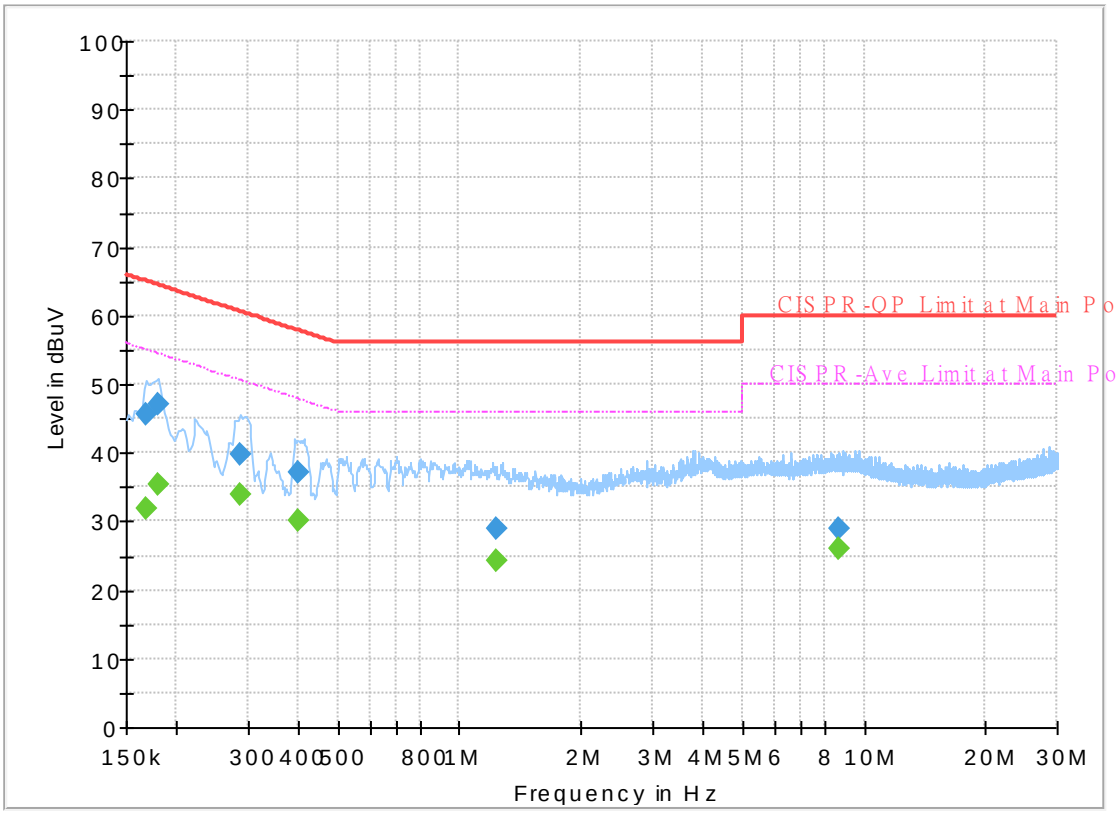
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :	3N2802
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



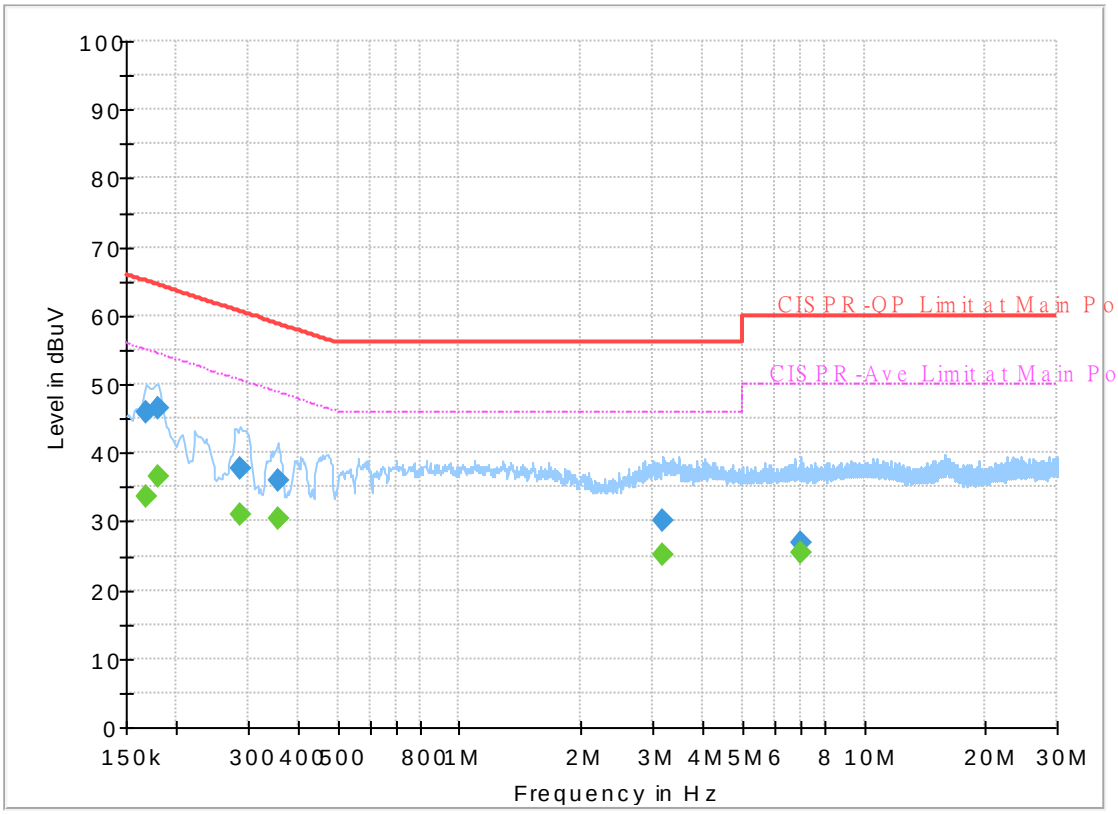
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	31.90	55.06	23.16	L1	OFF	19.9
0.168000	45.68	---	65.06	19.38	L1	OFF	19.9
0.179250	---	35.35	54.52	19.17	L1	OFF	19.9
0.179250	46.94	---	64.52	17.58	L1	OFF	19.9
0.287250	---	34.06	50.60	16.54	L1	OFF	19.9
0.287250	39.85	---	60.60	20.75	L1	OFF	19.9
0.399750	---	30.11	47.86	17.75	L1	OFF	19.9
0.399750	37.16	---	57.86	20.70	L1	OFF	19.9
1.234500	---	24.41	46.00	21.59	L1	OFF	19.9
1.234500	29.08	---	56.00	26.92	L1	OFF	19.9
8.621250	---	26.11	50.00	23.89	L1	OFF	20.1
8.621250	28.83	---	60.00	31.17	L1	OFF	20.1

EUT Information

Report NO :	3N2802
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	33.53	55.06	21.53	N	OFF	19.9
0.168000	45.87	---	65.06	19.19	N	OFF	19.9
0.179250	---	36.46	54.52	18.06	N	OFF	19.9
0.179250	46.48	---	64.52	18.04	N	OFF	19.9
0.287250	---	31.01	50.60	19.59	N	OFF	19.9
0.287250	37.64	---	60.60	22.96	N	OFF	19.9
0.354750	---	30.41	48.85	18.44	N	OFF	19.9
0.354750	36.04	---	58.85	22.81	N	OFF	19.9
3.185250	---	25.15	46.00	20.85	N	OFF	20.0
3.185250	30.12	---	56.00	25.88	N	OFF	20.0
7.010250	---	25.36	50.00	24.64	N	OFF	20.1
7.010250	26.98	---	60.00	33.02	N	OFF	20.1

Appendix C. Radiated Spurious Emission

Test Engineer :	Jack Tsai, Gary Guo and Steven Wu	Temperature :	18.2~20.2°C
		Relative Humidity :	54.2~56.1%

Band 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
6+7		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5916.84	57.9	-30.3	88.2	40.83	34.2	12.3	29.43	220	48	P	H
		5924.52	49.08	-19.12	68.2	31.99	34.2	12.32	29.43	220	48	A	H
	*	5955	113.18	-	-	96.05	34.18	12.39	29.44	220	48	P	H
	*	5955	107.22	-	-	90.09	34.18	12.39	29.44	220	48	A	H
													H
													H
		5867.56	56.19	-32.01	88.2	39.36	34.07	12.18	29.42	244	27	P	V
		5921	48.01	-20.19	68.2	30.93	34.2	12.31	29.43	244	27	A	V
	*	5955	109.63	-	-	92.5	34.18	12.39	29.44	244	27	P	V
	*	5955	102.85	-	-	85.72	34.18	12.39	29.44	244	27	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11910	47.5	-26.5	74	57	38.72	17.97	66.19	-	-	P	H
		17865	52.11	-21.89	74	53.41	41.31	22.24	64.85	100	160	P	H
		17865	43.23	-10.77	54	44.53	41.31	22.24	64.85	100	160	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 01 5955MHz		11910	46.88	-27.12	74	56.38	38.72	17.97	66.19	-	-	P	V
		17865	52.67	-21.33	74	53.97	41.31	22.24	64.85	100	259	P	V
		17865	43.1	-10.9	54	44.4	41.31	22.24	64.85	100	259	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12390	47.16	-26.84	74	56.08	38.9	18.23	66.05	-	-	P	H
		18585	36.38	-37.62	74	57.27	38.27	-3.51	55.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 49 6195MHz													H
		12390	47.7	-26.3	74	56.62	38.9	18.23	66.05	-	-	P	V
		18585	37.2	-36.8	74	58.09	38.27	-3.51	55.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12830	48.63	-39.57	88.2	56.27	39.8	18.46	65.9	-	-	P	H
		19245	37.21	-36.79	74	57.85	38	-3.34	55.3	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 93 6415MHz													H
		12830	48.74	-39.46	88.2	56.38	39.8	18.46	65.9	-	-	P	V
		19245	37.27	-36.73	74	57.91	38	-3.34	55.3	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 5 5925~6425MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 5955MHz		5865.96	57.07	-31.13	88.2	40.26	34.06	12.17	29.42	271	53	P	H
		5925	48.28	-19.92	68.2	31.2	34.2	12.32	29.44	271	53	A	H
		5761.6	59.46	-28.74	88.2	43.13	33.75	11.98	29.4	230	57	P	H
	*	5955	113.23	-	-	96.1	34.18	12.39	29.44	271	53	P	H
		5761.6	50.56	-17.64	68.2	34.23	33.75	11.98	29.4	230	57	A	H
	*	5955	106.49	-	-	89.36	34.18	12.39	29.44	271	53	A	H
		5909.8	56.9	-31.3	88.2	39.85	34.2	12.28	29.43	227	107	P	V
		5924.52	47.85	-20.35	68.2	30.76	34.2	12.32	29.43	227	107	A	V
	*	5955	108.75	-	-	91.62	34.18	12.39	29.44	227	107	P	V
	*	5955	103.08	-	-	85.95	34.18	12.39	29.44	227	107	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11910	46.73	-27.27	74	56.23	38.72	17.97	66.19	-	-	P	H
		17865	51.34	-22.66	74	52.64	41.31	22.24	64.85	100	211	P	H
		17865	41.85	-12.15	54	43.15	41.31	22.24	64.85	100	211	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 01		11910	47.25	-26.75	74	56.75	38.72	17.97	66.19	-	-	P	V
5955MHz		17865	51.28	-22.72	74	52.58	41.31	22.24	64.85	100	105	P	V
		17865	41.77	-12.23	54	43.07	41.31	22.24	64.85	100	105	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12390	47.48	-26.52	74	56.4	38.9	18.23	66.05	-	-	P	H
		18585	38.5	-35.5	74	59.39	38.27	-3.51	55.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 49		12390	47.32	-26.68	74	56.24	38.9	18.23	66.05	-	-	P	V
6195MHz		18585	36.56	-37.44	74	57.45	38.27	-3.51	55.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12830	48.93	-39.27	88.2	56.57	39.8	18.46	65.9	-	-	P	H
		19245	36.15	-37.85	74	56.79	38	-3.34	55.3	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 93		12830	48.85	-39.35	88.2	56.49	39.8	18.46	65.9	-	-	P	V
6415MHz		19245	37.36	-36.64	74	58	38	-3.34	55.3	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5916.84	68.31	-19.89	88.2	51.24	34.2	12.3	29.43	215	36	P	H
		5924.84	57.76	-10.44	68.2	40.67	34.2	12.32	29.43	215	36	A	H
	*	5955	114.17	-	-	97.04	34.18	12.39	29.44	215	36	P	H
802.11ax	*	5955	106.29	-	-	89.16	34.18	12.39	29.44	215	36	A	H
HE20													H
Partial													H
106/53		5919.4	69.38	-18.82	88.2	52.31	34.2	12.3	29.43	283	101	P	V
CH 01		5925	57.09	-11.11	68.2	40.01	34.2	12.32	29.44	283	101	A	V
5955MHz	*	5955	109.85	-	-	92.72	34.18	12.39	29.44	283	101	P	V
	*	5955	104.72	-	-	87.59	34.18	12.39	29.44	283	101	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5924.84	60.96	-27.24	88.2	43.87	34.2	12.32	29.43	239	54	P	H
		5923.24	52.4	-15.8	68.2	35.32	34.2	12.31	29.43	239	54	A	H
		5761.6	59.39	-28.81	88.2	43.06	33.75	11.98	29.4	236	53	P	H
	*	5965	110.53	-	-	93.42	34.14	12.41	29.44	239	54	P	H
802.11ax	*	5965	104.1	-	-	86.99	34.14	12.41	29.44	239	54	A	H
HE40 Full													H
CH 03		5924.2	57.55	-30.65	88.2	40.47	34.2	12.31	29.43	225	111	P	V
5965MHz		5925	50.12	-18.08	68.2	33.04	34.2	12.32	29.44	225	111	A	V
	*	5965	106.97	-	-	89.86	34.14	12.41	29.44	225	111	P	V
	*	5965	100.52	-	-	83.41	34.14	12.41	29.44	225	111	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11930	47.88	-26.12	74	57.31	38.76	17.99	66.18	-	-	P	H
		17895	51.55	-22.45	74	52.34	41.73	22.25	64.77	100	236	P	H
		17895	42.05	-11.95	54	42.84	41.73	22.25	64.77	100	236	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 03		11930	47.38	-26.62	74	56.81	38.76	17.99	66.18	-	-	P	V
5965MHz		17895	52.22	-21.78	74	53.01	41.73	22.25	64.77	100	121	P	V
		17895	42.72	-11.28	54	43.51	41.73	22.25	64.77	100	121	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12410	47.82	-26.18	74	56.73	38.9	18.24	66.05	-	-	P	H
		18615	36.52	-37.48	74	57.41	38.24	-3.5	55.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 51		12410	47.62	-26.38	74	56.53	38.9	18.24	66.05	-	-	P	V
6205MHz		18615	36.54	-37.46	74	57.43	38.24	-3.5	55.63	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12810	48.97	-39.23	88.2	56.62	39.8	18.46	65.91	-	-	P	H
		19215	35.97	-38.03	74	56.63	38	-3.35	55.31	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 91		12810	49.27	-38.93	88.2	56.92	39.8	18.46	65.91	-	-	P	V
6405MHz		19215	36.45	-37.55	74	57.11	38	-3.35	55.31	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 5 5925~6425MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5920.36	75.51	-12.69	88.2	58.44	34.2	12.3	29.43	100	115	P	H
		5920.36	56.91	-11.29	68.2	39.84	34.2	12.3	29.43	100	115	A	H
	*	5965	112.25	-	-	95.14	34.14	12.41	29.44	100	115	P	H
802.11ax	*	5965	103.54	-	-	86.43	34.14	12.41	29.44	100	115	A	H
HE40													H
Partial													H
242/61		5916.2	71.03	-17.17	88.2	53.97	34.2	12.29	29.43	283	101	P	V
CH 03		5920.36	54.97	-13.23	68.2	37.9	34.2	12.3	29.43	283	101	A	V
5965MHz	*	5965	108.73	-	-	91.62	34.14	12.41	29.44	283	101	P	V
	*	5965	101.11	-	-	84	34.14	12.41	29.44	283	101	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5894.44	57.87	-30.33	88.2	40.88	34.18	12.24	29.43	262	56	P	H
		5924.2	50.82	-17.38	68.2	33.74	34.2	12.31	29.43	262	56	A	H
	*	5985	109.58	-	-	92.51	34.06	12.46	29.45	262	56	P	H
	*	5985	100.77	-	-	83.7	34.06	12.46	29.45	262	56	A	H
802.11ax													H
HE80 Full													H
CH 07		5921.64	56.93	-31.27	88.2	39.85	34.2	12.31	29.43	262	105	P	V
5985MHz		5925	48.85	-19.35	68.2	31.77	34.2	12.32	29.44	262	105	A	V
	*	5985	104.6	-	-	87.53	34.06	12.46	29.45	262	105	P	V
	*	5985	97.98	-	-	80.91	34.06	12.46	29.45	262	105	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11970	47.91	-26.09	74	57.17	38.88	18.01	66.15	-	-	P	H
		17955	53.81	-20.19	74	54.03	42.12	22.28	64.62	100	209	P	H
		17955	44.34	-9.66	54	44.56	42.12	22.28	64.62	100	209	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 07		11970	47.89	-26.11	74	57.15	38.88	18.01	66.15	-	-	P	V
5985MHz		17955	54.07	-19.93	74	54.29	42.12	22.28	64.62	100	108	P	V
		17955	44.25	-9.75	54	44.47	42.12	22.28	64.62	100	108	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12450	47.86	-26.14	74	56.73	38.9	18.27	66.04	-	-	P	H
		18675	36.5	-37.5	74	57.64	37.95	-3.49	55.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 55		12450	46.73	-27.27	74	55.6	38.9	18.27	66.04	-	-	P	V
6225MHz		18675	36.92	-37.08	74	58.06	37.95	-3.49	55.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12770	49.1	-39.1	88.2	56.96	39.62	18.44	65.92	-	-	P	H
		19155	37.06	-36.94	74	57.33	38.45	-3.38	55.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 87		12770	48.65	-39.55	88.2	56.51	39.62	18.44	65.92	-	-	P	V
6385MHz		19155	37.21	-36.79	74	57.48	38.45	-3.38	55.34	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5922.28	78.83	-9.37	88.2	61.75	34.2	12.31	29.43	100	119	P	H
		5920.68	60.78	-7.42	68.2	43.7	34.2	12.31	29.43	100	119	A	H
	*	5985	109.24	-	-	92.17	34.06	12.46	29.45	100	119	P	H
802.11ax	*	5985	101.21	-	-	84.14	34.06	12.46	29.45	100	119	A	H
HE80													H
Partial													H
484/65		5915.56	76.2	-12	88.2	59.14	34.2	12.29	29.43	308	102	P	V
CH 07		5920.68	59.08	-9.12	68.2	42	34.2	12.31	29.43	308	102	A	V
5985MHz	*	5985	105.78	-	-	88.71	34.06	12.46	29.45	308	102	P	V
	*	5985	99.23	-	-	82.16	34.06	12.46	29.45	308	102	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5898.6	63.98	-24.22	88.2	46.97	34.19	12.25	29.43	220	122	P	H
		5898.28	53.91	-14.29	68.2	36.9	34.19	12.25	29.43	220	122	A	H
	*	6025	105.71	-	-	88.66	34.05	12.47	29.47	220	122	P	H
	*	6025	98.35	-	-	81.3	34.05	12.47	29.47	220	122	A	H
802.11ax													H
HE160 Full													H
CH 15		5898.6	59.8	-28.4	88.2	42.79	34.19	12.25	29.43	283	102	P	V
6025MHz		5902.76	51.76	-16.44	68.2	34.73	34.2	12.26	29.43	283	102	A	V
	*	6025	103.23	-	-	86.18	34.05	12.47	29.47	283	102	P	V
	*	6025	94.9	-	-	77.85	34.05	12.47	29.47	283	102	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12050	49.26	-24.74	74	58.33	39	18.05	66.12	196	34	P	H
		12050	39.5	-14.5	54	48.57	39	18.05	66.12	196	34	A	H
		18075	35.27	-38.73	74	57.35	37.6	-3.72	55.96	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 15		12050	49.91	-24.09	74	58.98	39	18.05	66.12	313	352	P	V
6025MHz		12050	39.37	-14.63	54	48.44	39	18.05	66.12	313	352	A	V
		18075	36.37	-37.63	74	58.45	37.6	-3.72	55.96	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12370	46.86	-27.14	74	55.8	38.9	18.22	66.06	-	-	P	H
		18555	38.29	-35.71	74	59.26	38.21	-3.51	55.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 47		12370	47.83	-26.17	74	56.77	38.9	18.22	66.06	-	-	P	V
6185MHz		18555	36.18	-37.82	74	57.15	38.21	-3.51	55.67	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		12690	49.29	-24.71	74	57.47	39.38	18.39	65.95	315	86	P	H
		12690	40.05	-13.95	54	48.23	39.38	18.39	65.95	315	86	A	H
		19035	37.66	-36.34	74	58.01	38.47	-3.43	55.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 79		12690	48.84	-25.16	74	57.02	39.38	18.39	65.95	100	305	P	V
6345MHz		12690	39.98	-14.02	54	48.16	39.38	18.39	65.95	100	305	A	V
		19035	36.02	-37.98	74	56.37	38.47	-3.43	55.39	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5907.24	82.75	-5.45	88.2	65.71	34.2	12.27	29.43	222	56	P	H
		5898.92	64.7	-3.5	68.2	47.68	34.2	12.25	29.43	222	56	A	H
	*	6025	108.02	-	-	90.97	34.05	12.47	29.47	222	56	P	H
802.11ax	*	6025	99.32	-	-	82.27	34.05	12.47	29.47	222	56	A	H
HE160													H
Partial													H
996/67		5907.24	78.52	-9.68	88.2	61.48	34.2	12.27	29.43	300	98	P	V
CH 15		5898.92	61.35	-6.85	68.2	44.33	34.2	12.25	29.43	300	98	A	V
6025MHz	*	6025	104.85	-	-	87.8	34.05	12.47	29.47	300	98	P	V
	*	6025	95.85	-	-	78.8	34.05	12.47	29.47	300	98	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 7 - 6525~6875MHz

WIFI 802.11a Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		13070	49.03	-39.17	88.2	56.4	39.86	18.63	65.86	-	-	P	H
		19605	35.03	-38.97	74	55.19	38.27	-3.27	55.16	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 117		13070	48.98	-39.22	88.2	56.35	39.86	18.63	65.86	-	-	P	V
6535MHz		19605	35.53	-38.47	74	55.69	38.27	-3.27	55.16	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13390	49.4	-24.6	74	56.14	40.3	18.95	65.99	-	-	P	H
		13390	40.48	-13.52	54	47.22	40.3	18.95	65.99	-	-	A	H
		20085	34.27	-39.73	74	54.59	38.03	-3.35	55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 149 6695MHz													H
		13390	49.2	-24.8	74	55.94	40.3	18.95	65.99	-	-	P	V
		13390	40.62	-13.38	54	47.36	40.3	18.95	65.99	-	-	A	V
		20085	34.33	-39.67	74	54.65	38.03	-3.35	55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13710	48.71	-39.49	88.2	54.49	40.54	19.27	65.59	-	-	P	H
		20565	36.91	-37.09	74	57.24	37.94	-3.28	54.99	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 181 6855MHz													H
		13710	48.42	-39.78	88.2	54.2	40.54	19.27	65.59	-	-	P	V
		20565	36.97	-37.03	74	57.3	37.94	-3.28	54.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13070	48.49	-39.71	88.2	55.86	39.86	18.63	65.86	-	-	P	H
		19605	35.35	-38.65	74	55.51	38.27	-3.27	55.16	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 117		13070	48.93	-39.27	88.2	56.3	39.86	18.63	65.86	-	-	P	V
6535MHz		19605	35.39	-38.61	74	55.55	38.27	-3.27	55.16	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13390	49.04	-24.96	74	55.78	40.3	18.95	65.99	-	-	P	H
		13390	39.7	-14.3	54	46.44	40.3	18.95	65.99	-	-	A	H
		20085	34.2	-39.8	74	54.52	38.03	-3.35	55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 149		13390	49.25	-24.75	74	55.99	40.3	18.95	65.99	-	-	P	V
6695MHz		13390	39.83	-14.17	54	46.57	40.3	18.95	65.99	-	-	A	V
		20085	33.4	-40.6	74	53.72	38.03	-3.35	55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13710	48.83	-39.37	88.2	54.61	40.54	19.27	65.59	-	-	P	H
		20565	35.42	-38.58	74	55.75	37.94	-3.28	54.99	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
i802.11ax													H
HE20 Full													H
CH 181		13710	48.98	-39.22	88.2	54.76	40.54	19.27	65.59	-	-	P	V
6855MHz		20565	35.06	-38.94	74	55.39	37.94	-3.28	54.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 7 - 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13130	49.3	-38.9	88.2	56.63	39.86	18.69	65.88	-	-	P	H
		19695	36.83	-37.17	74	57.06	38.18	-3.29	55.12	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 123		13130	49.04	-39.16	88.2	56.37	39.86	18.69	65.88	-	-	P	V
6565MHz		19695	35.52	-38.48	74	55.75	38.18	-3.29	55.12	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13370	50.16	-23.84	74	56.91	40.3	18.93	65.98	400	60	P	H
		13370	40.37	-13.63	54	47.12	40.3	18.93	65.98	400	60	A	H
		20055	34.02	-39.98	74	54.28	38.09	-3.35	55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 147		13370	49.37	-24.63	74	56.12	40.3	18.93	65.98	141	331	P	V
6685MHz		13370	40.18	-13.82	54	46.93	40.3	18.93	65.98	141	331	A	V
		20055	33.59	-40.41	74	53.85	38.09	-3.35	55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13690	48.89	-39.31	88.2	54.76	40.48	19.25	65.6	-	-	P	H
		20535	36.27	-37.73	74	56.53	38	-3.27	54.99	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 179		13690	48.63	-39.57	88.2	54.5	40.48	19.25	65.6	-	-	P	V
6845MHz		20535	34.38	-39.62	74	54.64	38	-3.27	54.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 7 - 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13250	50.09	-23.91	74	57.41	39.8	18.81	65.93	357	161	P	H
		13250	40.48	-13.52	54	47.8	39.8	18.81	65.93	357	161	A	H
		19875	34.2	-39.8	74	54.48	38.1	-3.33	55.05	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 135		13250	49.59	-24.41	74	56.91	39.8	18.81	65.93	181	216	P	V
6625MHz		13250	40.28	-13.72	54	47.6	39.8	18.81	65.93	181	216	A	V
		19875	35	-39	74	55.28	38.1	-3.33	55.05	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13410	50.98	-37.22	88.2	57.7	40.3	18.97	65.99	238	210	P	H
		13410	40.3	-27.9	68.2	47.02	40.3	18.97	65.99	238	210	A	H
		20115	34.79	-39.21	74	55.1	38.03	-3.34	55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 151		13410	49.59	-38.61	88.2	56.31	40.3	18.97	65.99	371	230	P	V
6705MHz		13410	40.55	-27.65	68.2	47.27	40.3	18.97	65.99	371	230	A	V
		20115	35.42	-38.58	74	55.73	38.03	-3.34	55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13570	50.51	-37.69	88.2	56.36	40.66	19.13	65.64	-	-	P	H
		20355	35.69	-38.31	74	56.09	37.91	-3.31	55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 167		13570	50.53	-37.67	88.2	56.38	40.66	19.13	65.64	-	-	P	V
6785MHz		20355	34.96	-39.04	74	55.36	37.91	-3.31	55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 7 - 6525~6875MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		13330	48.95	-25.05	74	55.88	40.14	18.89	65.96	-	-	P	H
		19995	35.08	-38.92	74	55.63	37.81	-3.36	55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 143		13330	48.78	-25.22	74	55.71	40.14	18.89	65.96	-	-	P	V
6665MHz		19995	34.84	-39.16	74	55.39	37.81	-3.36	55	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full LF		32.43	22.76	-17.24	40	31.04	23.42	0.75	32.45	-	-	P	H
		187.95	22.17	-21.33	43.5	37.67	14.91	1.95	32.36	-	-	P	H
		266.25	20.56	-25.44	46	31	19.58	2.4	32.42	-	-	P	H
		421.8	26.27	-19.73	46	32.95	22.73	3.1	32.51	-	-	P	H
		773.9	30.73	-15.27	46	30.81	28.16	4.27	32.51	-	-	P	H
		951.7	34.02	-11.98	46	29.99	30.76	4.77	31.5	-	-	P	H
													H
													H
													H
													H
													H
													H
		33.24	30.74	-9.26	40	39.48	22.94	0.77	32.45	-	-	P	V
		129.09	26.48	-17.02	43.5	39.75	17.5	1.63	32.4	-	-	P	V
		264.36	20.2	-25.8	46	30.3	19.93	2.39	32.42	-	-	P	V
		423.9	25.47	-20.53	46	32.06	22.81	3.11	32.51	-	-	P	V
		739.6	30.58	-15.42	46	30.94	27.99	4.21	32.56	-	-	P	V
		944.7	34.88	-11.12	46	31.12	30.57	4.75	31.56	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **Margin** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5925	55.45	-32.75	88.2	54.51	32.22	4.58	35.86	103	308	P	H
		5925	43.54	-24.66	68.2	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5925MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 88.2(dBμV/m)

= -32.75(dB)

For Average Limit @ 5925MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54(dBμV/m)

2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54 (dBμV/m) – 68.2(dBμV/m)

= -24.66(dB)

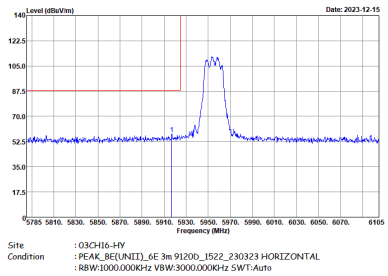
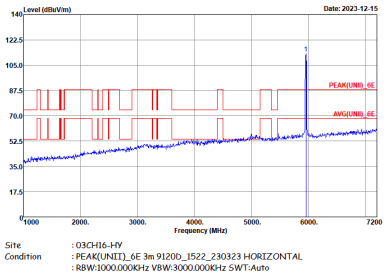
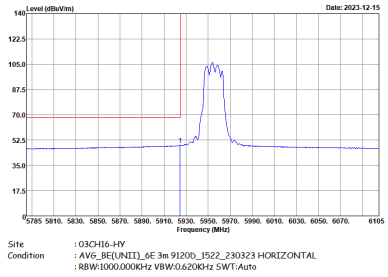
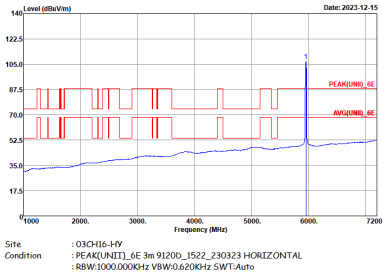
Both peak and average measured complies with the limit line, so test result is “PASS”.

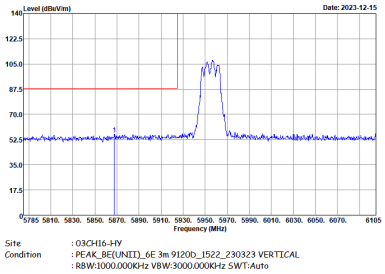
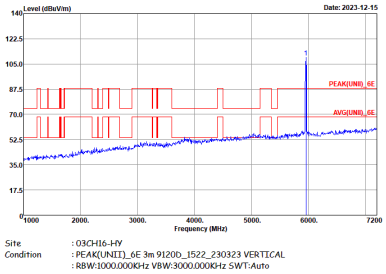
Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Jack Tsai, Gary Guo and Steven Wu	**Temperature :**	18.2~20.2°C
		Relative Humidity :	54.2~56.1%

Band 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
6+7	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
6+7	Vertical	Fundamental
Peak		
Avg.