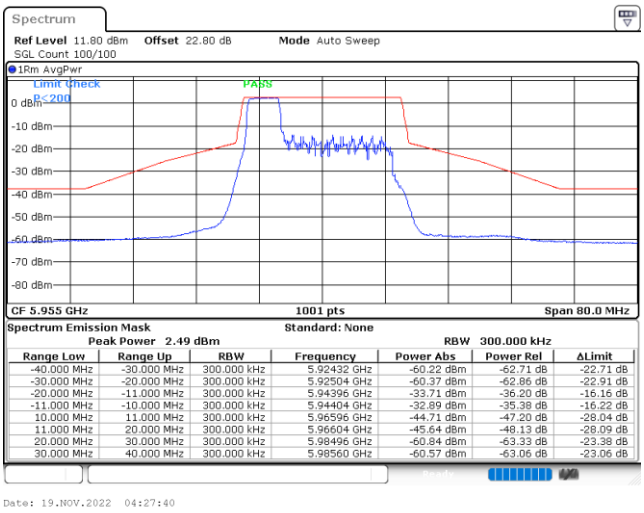
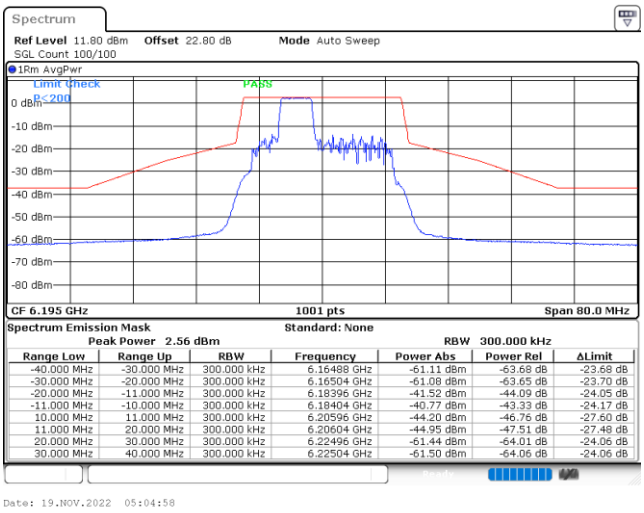
EUT Mode :	802.11ax HE20 52RU

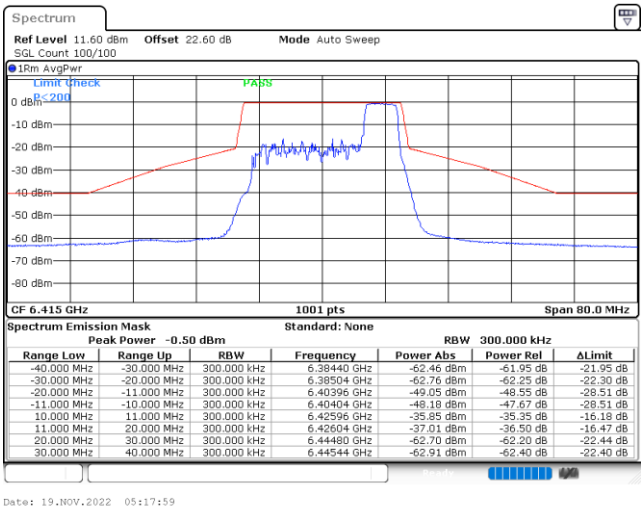
Plot on Channel 5955MHz



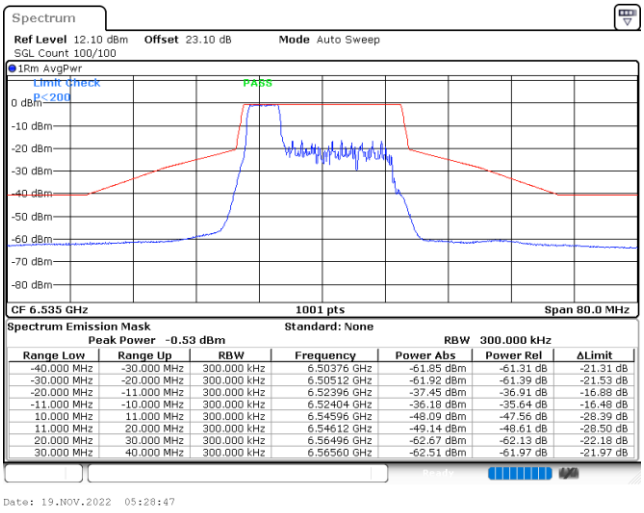
Plot on Channel 6195MHz



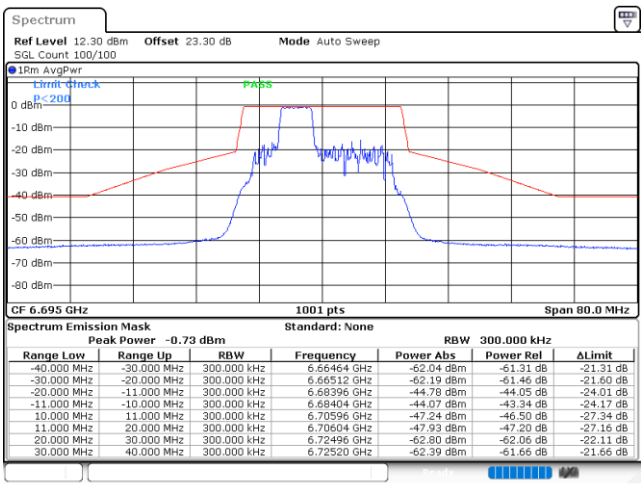
Plot on Channel 6415MHz



Plot on Channel 6535MHz



Plot on Channel 6695MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.66464 GHz	-62.04 dBm	-61.31 dB	-21.31 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.66512 GHz	-62.19 dBm	-61.46 dB	-21.60 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.68396 GHz	-44.78 dBm	-44.05 dB	-24.01 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.68404 GHz	-44.07 dBm	-43.34 dB	-24.17 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.70596 GHz	-47.24 dBm	-46.50 dB	-27.34 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.70604 GHz	-47.93 dBm	-47.20 dB	-27.16 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.72496 GHz	-62.80 dBm	-62.06 dB	-22.11 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.72520 GHz	-62.39 dBm	-61.66 dB	-21.66 dB

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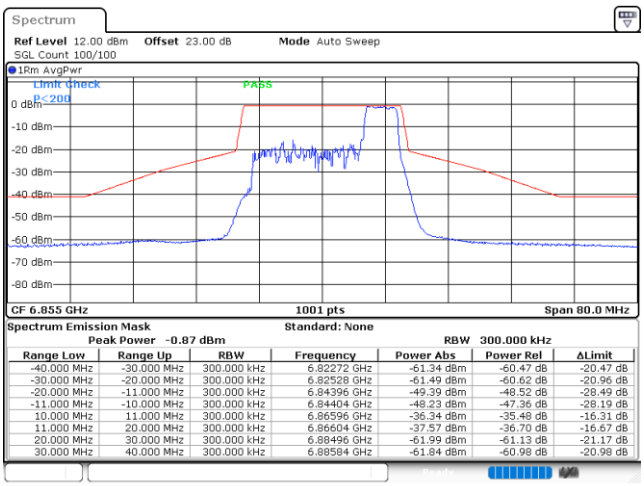
Plot on Channel 6855MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.82272 GHz	-61.34 dBm	-60.47 dB	-20.47 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.82528 GHz	-61.49 dBm	-60.62 dB	-20.96 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.84396 GHz	-49.39 dBm	-48.52 dB	-28.49 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.84404 GHz	-48.23 dBm	-47.36 dB	-28.19 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.86596 GHz	-36.34 dBm	-35.48 dB	-16.31 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.86604 GHz	-37.57 dBm	-36.70 dB	-16.67 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.88496 GHz	-61.99 dBm	-61.13 dB	-21.17 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.88584 GHz	-61.84 dBm	-60.98 dB	-20.98 dB

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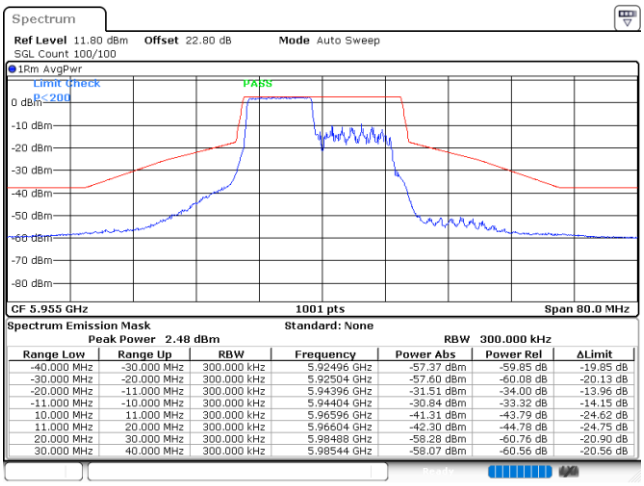
EUT Mode :	802.11ax HE20 106RU

Plot on Channel 5955MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	5.92496 GHz	-57.37 dBm	-59.85 dB	-19.85 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	5.92504 GHz	-57.60 dBm	-60.08 dB	-20.13 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	5.94396 GHz	-31.51 dBm	-34.00 dB	-13.96 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	5.94404 GHz	-30.84 dBm	-33.32 dB	-14.15 dB
10.000 MHz	11.000 MHz	300.000 kHz	5.96596 GHz	-41.31 dBm	-43.79 dB	-24.62 dB
11.000 MHz	20.000 MHz	300.000 kHz	5.96604 GHz	-42.30 dBm	-44.78 dB	-24.75 dB
20.000 MHz	30.000 MHz	300.000 kHz	5.98488 GHz	-58.28 dBm	-60.76 dB	-20.90 dB
30.000 MHz	40.000 MHz	300.000 kHz	5.98544 GHz	-58.07 dBm	-60.56 dB	-20.56 dB

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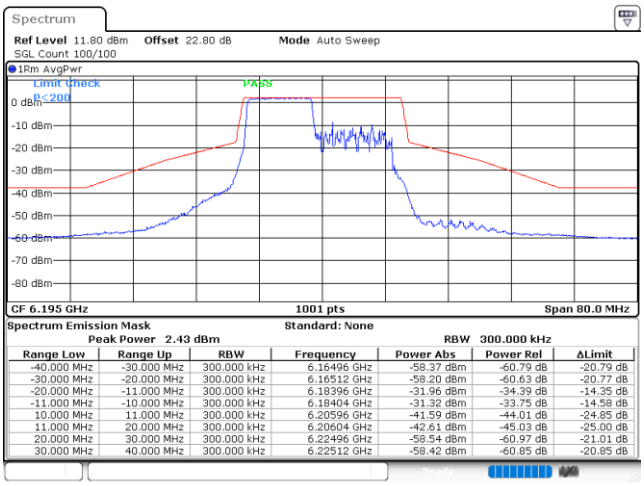
Plot on Channel 6195MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.16496 GHz	-58.37 dBm	-60.79 dB	-20.79 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.16512 GHz	-58.20 dBm	-60.63 dB	-20.77 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.18396 GHz	-31.96 dBm	-34.39 dB	-14.35 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.18404 GHz	-31.32 dBm	-33.75 dB	-14.58 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.20596 GHz	-41.59 dBm	-44.01 dB	-24.85 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.20604 GHz	-42.61 dBm	-45.03 dB	-25.00 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.22496 GHz	-58.54 dBm	-60.97 dB	-21.01 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.22512 GHz	-58.42 dBm	-60.85 dB	-20.85 dB

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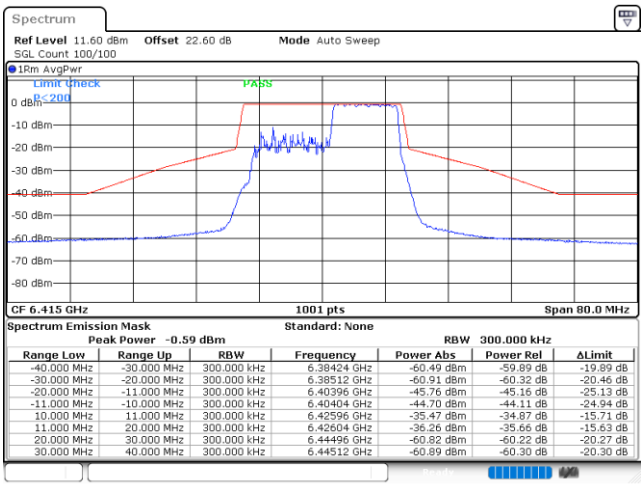
Plot on Channel 6415MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.38424 GHz	-60.49 dBm	-59.89 dB	-19.89 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.38512 GHz	-60.91 dBm	-60.32 dB	-20.46 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.40396 GHz	-45.76 dBm	-45.16 dB	-25.13 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.40404 GHz	-44.70 dBm	-44.11 dB	-24.94 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.42596 GHz	-35.47 dBm	-34.87 dB	-15.71 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.42604 GHz	-36.26 dBm	-35.66 dB	-15.63 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.44496 GHz	-60.82 dBm	-60.22 dB	-20.27 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.44512 GHz	-60.89 dBm	-60.30 dB	-20.30 dB

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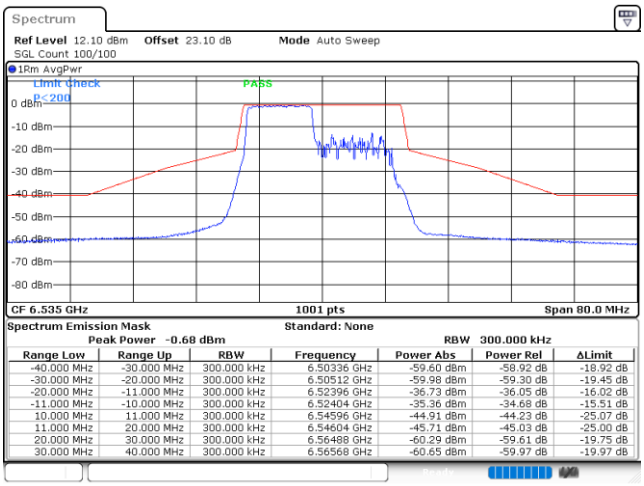
Plot on Channel 6535MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.50336 GHz	-59.60 dBm	-58.92 dB	-18.92 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.50512 GHz	-59.98 dBm	-59.30 dB	-19.45 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.52396 GHz	-36.73 dBm	-36.05 dB	-16.02 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.52404 GHz	-35.36 dBm	-34.68 dB	-15.51 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.54596 GHz	-44.91 dBm	-44.23 dB	-25.07 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.54604 GHz	-45.71 dBm	-45.03 dB	-25.00 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.56488 GHz	-60.29 dBm	-59.61 dB	-19.75 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.56568 GHz	-60.65 dBm	-59.97 dB	-19.97 dB

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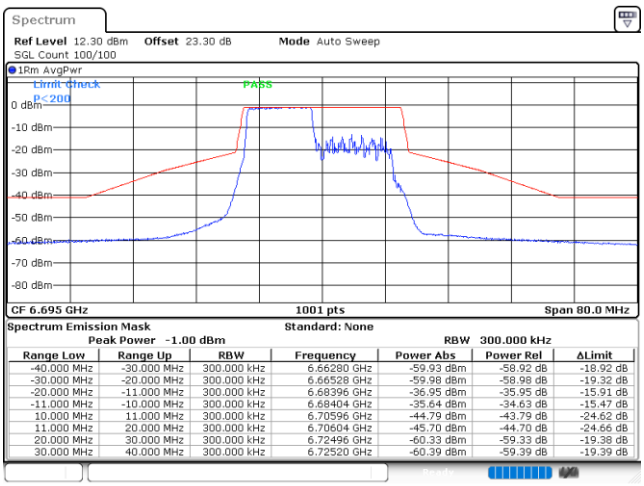
Plot on Channel 6695MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.66280 GHz	-59.93 dBm	-58.92 dB	-18.92 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.66528 GHz	-59.98 dBm	-58.98 dB	-19.32 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.68396 GHz	-36.95 dBm	-35.95 dB	-15.91 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.68404 GHz	-35.64 dBm	-34.63 dB	-15.47 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.70596 GHz	-44.79 dBm	-43.79 dB	-24.62 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.70604 GHz	-45.70 dBm	-44.70 dB	-24.66 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.72496 GHz	-60.33 dBm	-59.33 dB	-19.38 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.72520 GHz	-60.39 dBm	-59.39 dB	-19.39 dB

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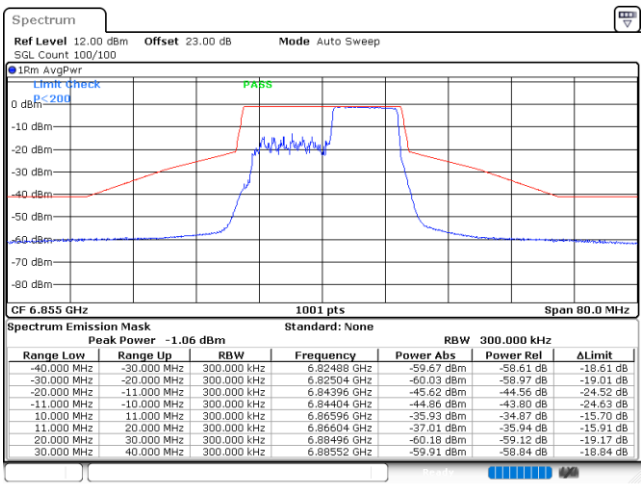
Plot on Channel 6855MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.82488 GHz	-59.67 dBm	-58.61 dB	-18.61 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.82504 GHz	-60.03 dBm	-58.97 dB	-19.01 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.84396 GHz	-45.62 dBm	-44.56 dB	-24.52 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.84404 GHz	-44.86 dBm	-43.80 dB	-24.63 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.86596 GHz	-35.93 dBm	-34.87 dB	-15.70 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.86604 GHz	-37.01 dBm	-35.94 dB	-15.91 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.88496 GHz	-60.18 dBm	-59.12 dB	-19.17 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.88552 GHz	-59.91 dBm	-58.84 dB	-18.84 dB

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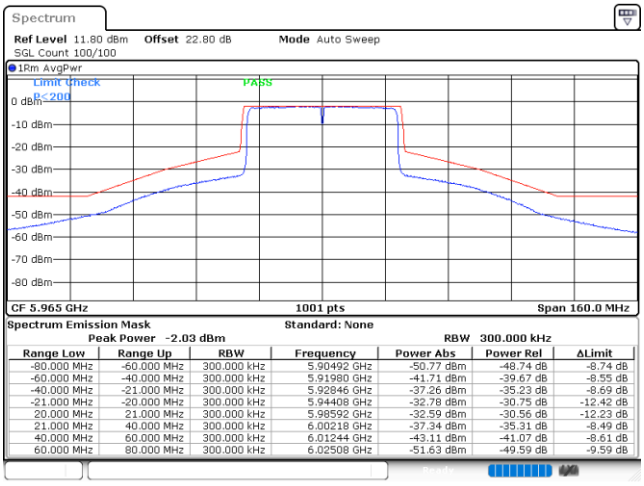
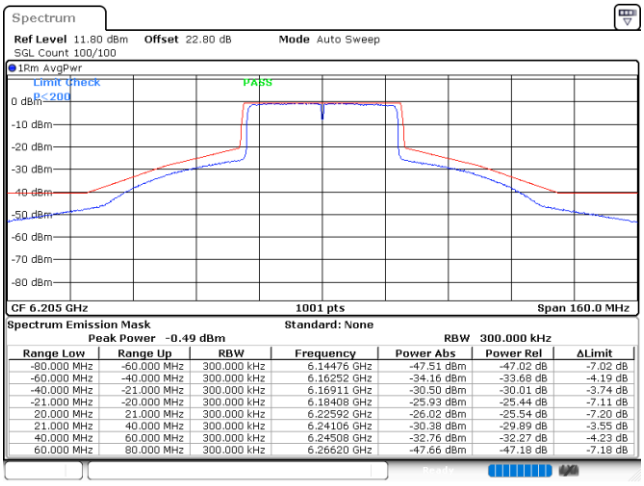
EUT Mode :	802.11ax HE40 Full RU

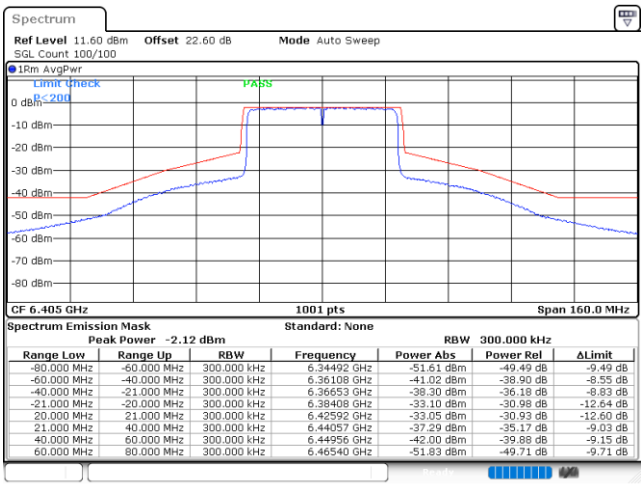
Plot on Channel 5965MHz



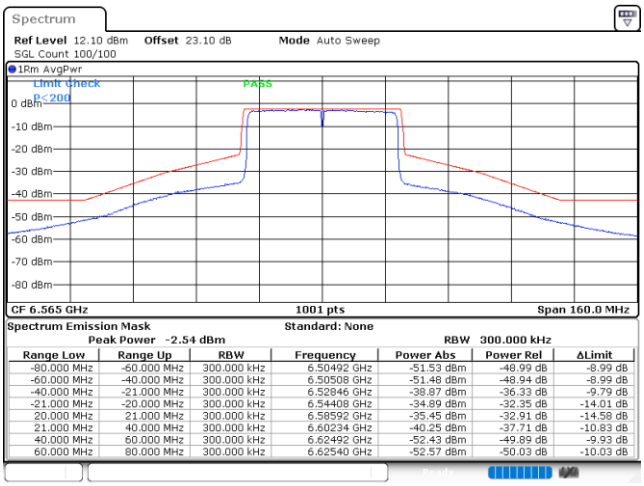
Plot on Channel 6205MHz



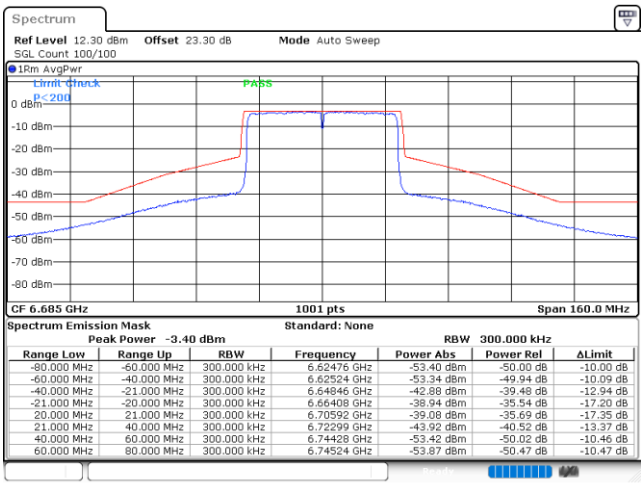
Plot on Channel 6405MHz



Plot on Channel 6565MHz



Plot on Channel 6685MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	300.000 kHz	6.62476 GHz	-53.40 dBm	-50.00 dB	-10.00 dB
-60.000 MHz	-40.000 MHz	300.000 kHz	6.62524 GHz	-53.34 dBm	-49.94 dB	-10.09 dB
-40.000 MHz	-21.000 MHz	300.000 kHz	6.64846 GHz	-42.88 dBm	-39.48 dB	-12.94 dB
-21.000 MHz	-20.000 MHz	300.000 kHz	6.66408 GHz	-38.94 dBm	-35.54 dB	-17.20 dB
20.000 MHz	21.000 MHz	300.000 kHz	6.70592 GHz	-39.08 dBm	-35.69 dB	-17.35 dB
21.000 MHz	40.000 MHz	300.000 kHz	6.72299 GHz	-43.92 dBm	-40.52 dB	-13.37 dB
40.000 MHz	60.000 MHz	300.000 kHz	6.74428 GHz	-53.42 dBm	-50.02 dB	-10.46 dB
60.000 MHz	80.000 MHz	300.000 kHz	6.74524 GHz	-53.87 dBm	-50.47 dB	-10.47 dB

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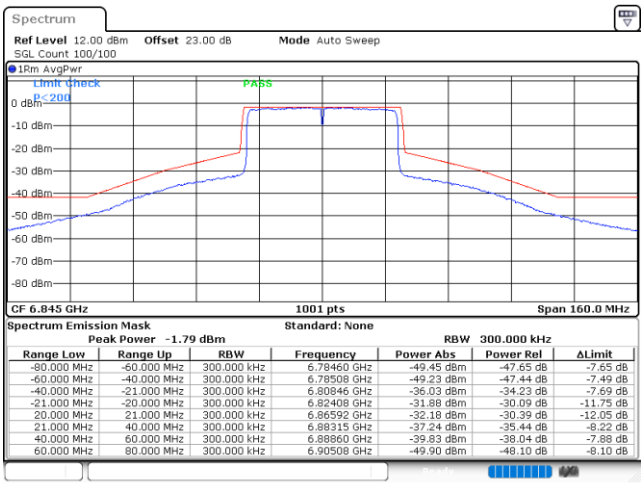
Plot on Channel 6845MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	300.000 kHz	6.78460 GHz	-49.45 dBm	-47.65 dB	-7.65 dB
-60.000 MHz	-40.000 MHz	300.000 kHz	6.78508 GHz	-49.23 dBm	-47.44 dB	-7.49 dB
-40.000 MHz	-21.000 MHz	300.000 kHz	6.80846 GHz	-36.03 dBm	-34.23 dB	-7.69 dB
-21.000 MHz	-20.000 MHz	300.000 kHz	6.82408 GHz	-31.88 dBm	-30.09 dB	-11.75 dB
20.000 MHz	21.000 MHz	300.000 kHz	6.86592 GHz	-32.18 dBm	-30.39 dB	-12.05 dB
21.000 MHz	40.000 MHz	300.000 kHz	6.88315 GHz	-37.24 dBm	-35.44 dB	-8.22 dB
40.000 MHz	60.000 MHz	300.000 kHz	6.88860 GHz	-39.83 dBm	-38.04 dB	-7.88 dB
60.000 MHz	80.000 MHz	300.000 kHz	6.90508 GHz	-49.90 dBm	-48.10 dB	-8.10 dB

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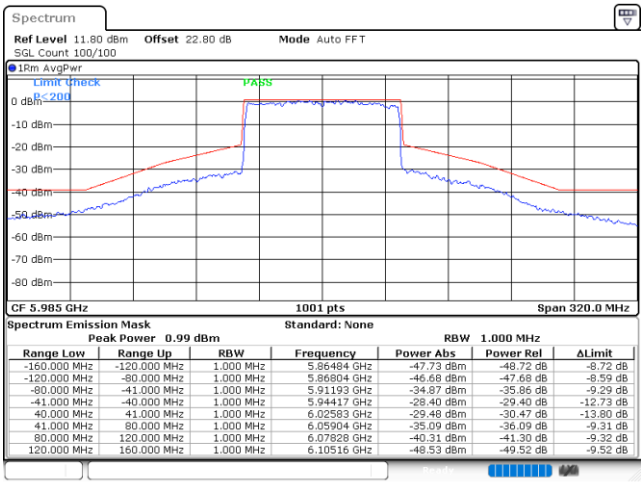
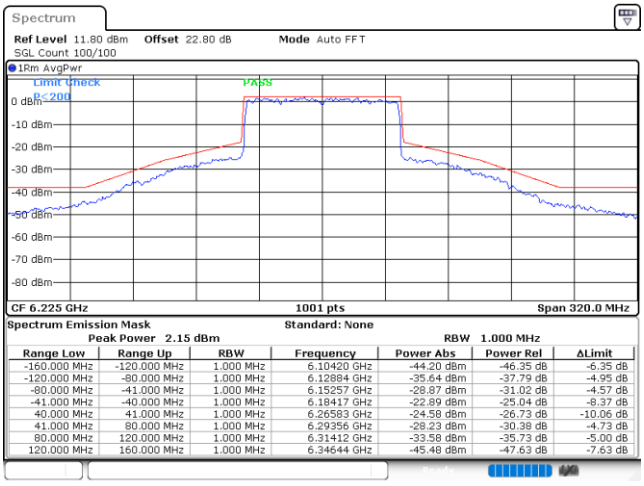
EUT Mode :	802.11ax HE80 Full RU

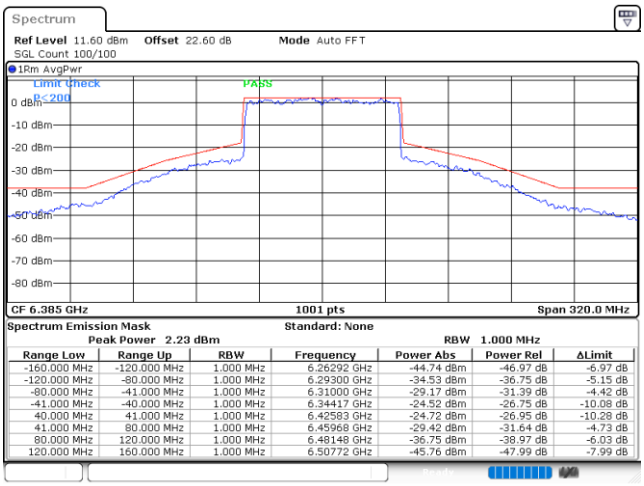
Plot on Channel 5985MHz



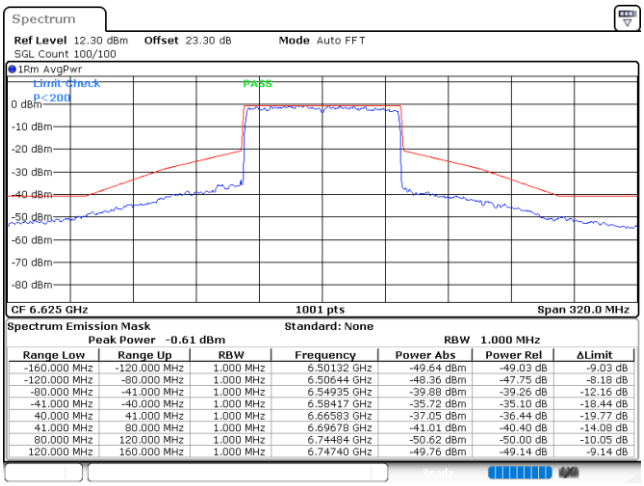
Plot on Channel 6225MHz



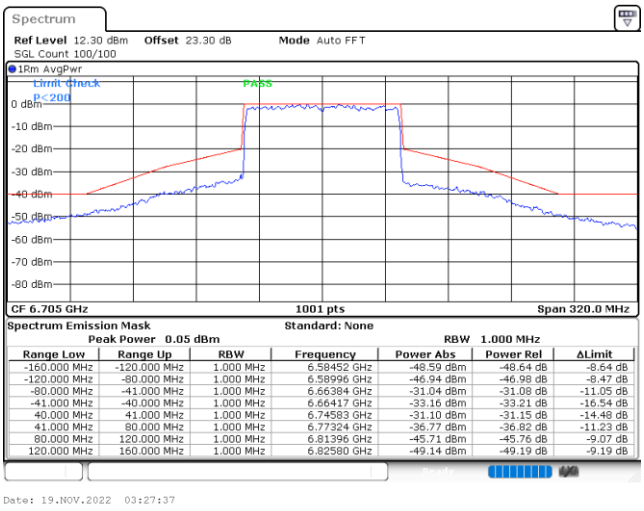
Plot on Channel 6385MHz



Plot on Channel 6625MHz



Plot on Channel 6705MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.58452 GHz	-48.59 dBm	-48.64 dB	-8.64 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.58996 GHz	-46.94 dBm	-46.98 dB	-8.47 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.66384 GHz	-31.04 dBm	-31.08 dB	-11.05 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.66417 GHz	-33.16 dBm	-33.21 dB	-16.54 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.74583 GHz	-31.10 dBm	-31.15 dB	-14.48 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.77324 GHz	-36.77 dBm	-36.82 dB	-11.23 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.81396 GHz	-45.71 dBm	-45.76 dB	-9.07 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.82580 GHz	-49.14 dBm	-49.19 dB	-9.19 dB

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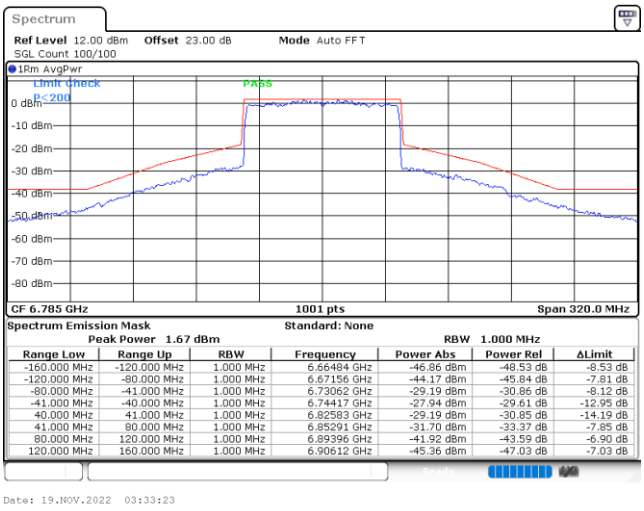
Plot on Channel 6785MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.66484 GHz	-46.86 dBm	-48.53 dB	-8.53 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.67156 GHz	-44.17 dBm	-45.84 dB	-7.81 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.73062 GHz	-29.19 dBm	-30.86 dB	-8.12 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.74417 GHz	-27.94 dBm	-29.61 dB	-12.95 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.82583 GHz	-29.19 dBm	-30.85 dB	-14.19 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.85291 GHz	-31.70 dBm	-33.37 dB	-7.85 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.89396 GHz	-41.92 dBm	-43.59 dB	-6.90 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.90612 GHz	-45.36 dBm	-47.03 dB	-7.03 dB

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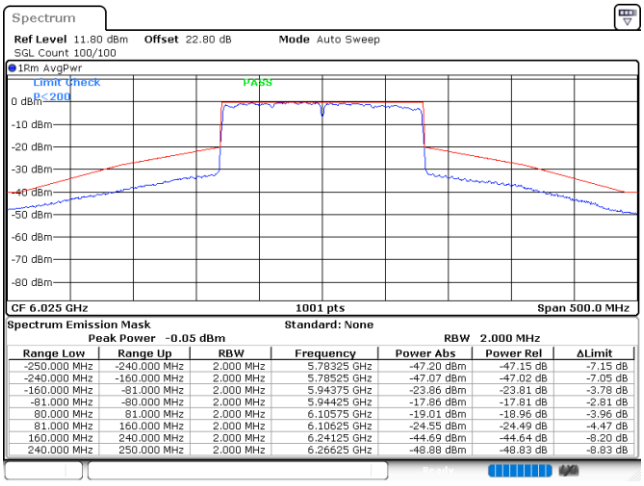
EUT Mode :	802.11ax HE160 Full RU

Plot on Channel 6025MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	5.78325 GHz	-47.20 dBm	-47.15 dB	-7.15 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	5.78525 GHz	-47.07 dBm	-47.02 dB	-7.05 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	5.94375 GHz	-23.86 dBm	-23.81 dB	-3.78 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	5.94425 GHz	-17.86 dBm	-17.81 dB	-2.81 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.10575 GHz	-19.01 dBm	-18.96 dB	-3.96 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.10625 GHz	-24.55 dBm	-24.49 dB	-4.47 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.24125 GHz	-44.69 dBm	-44.64 dB	-8.20 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.26625 GHz	-48.88 dBm	-48.83 dB	-8.83 dB

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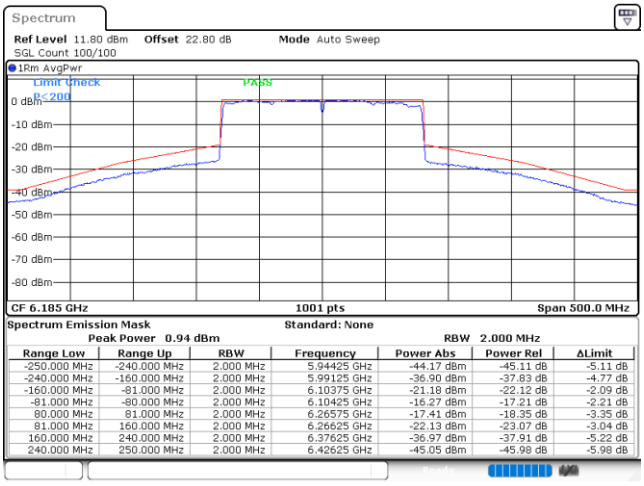
Plot on Channel 6185MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	5.94425 GHz	-44.17 dBm	-45.11 dB	-5.11 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	5.99125 GHz	-36.90 dBm	-37.83 dB	-4.77 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.10375 GHz	-21.18 dBm	-22.12 dB	-2.09 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.10425 GHz	-16.27 dBm	-17.21 dB	-2.21 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.26575 GHz	-17.41 dBm	-18.35 dB	-3.35 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.26625 GHz	-22.13 dBm	-23.07 dB	-3.04 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.37625 GHz	-36.97 dBm	-37.91 dB	-5.22 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.42625 GHz	-45.05 dBm	-45.98 dB	-5.98 dB

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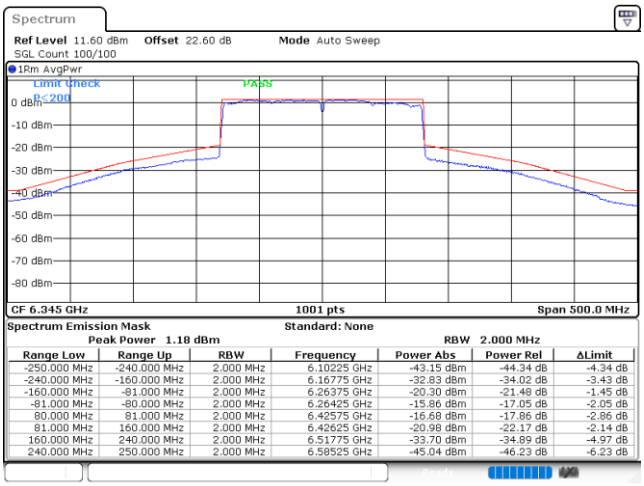
Plot on Channel 6345MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.10225 GHz	-43.15 dBm	-44.34 dB	-4.34 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.16775 GHz	-32.83 dBm	-34.02 dB	-3.43 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.26375 GHz	-20.30 dBm	-21.48 dB	-1.45 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.26425 GHz	-15.86 dBm	-17.05 dB	-2.05 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.42575 GHz	-16.68 dBm	-17.86 dB	-2.86 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.42625 GHz	-20.98 dBm	-22.17 dB	-2.14 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.51775 GHz	-33.70 dBm	-34.89 dB	-4.97 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.58525 GHz	-45.04 dBm	-46.23 dB	-6.23 dB

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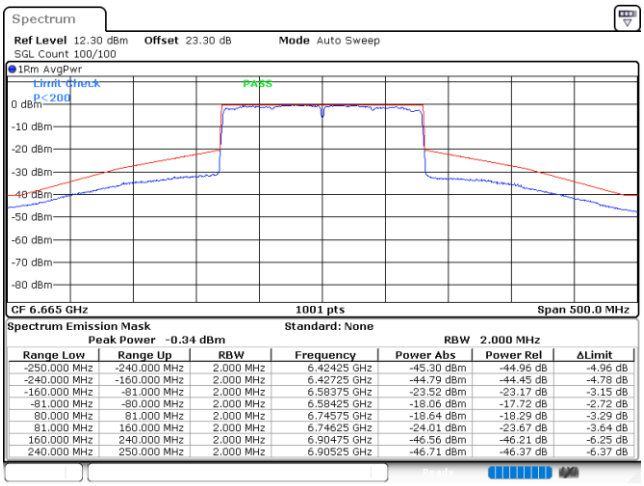
Plot on Channel 6665MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.42425 GHz	-45.30 dBm	-44.96 dB	-4.96 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.42725 GHz	-44.79 dBm	-44.45 dB	-4.78 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.58375 GHz	-23.52 dBm	-23.17 dB	-3.15 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.58425 GHz	-18.06 dBm	-17.72 dB	-2.72 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.74575 GHz	-18.64 dBm	-18.29 dB	-3.29 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.74625 GHz	-24.01 dBm	-23.67 dB	-3.64 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.90475 GHz	-46.56 dBm	-46.21 dB	-6.25 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.90525 GHz	-46.71 dBm	-46.37 dB	-6.37 dB

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3.5 Contention Based Protocol

3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

(d)(6) Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

where:

$BWEUT$: Transmission bandwidth of EUT signal

$BWInc$: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

$fc1$: Center frequency of EUT transmission

$fc2$: Center frequency of simulated incumbent signal

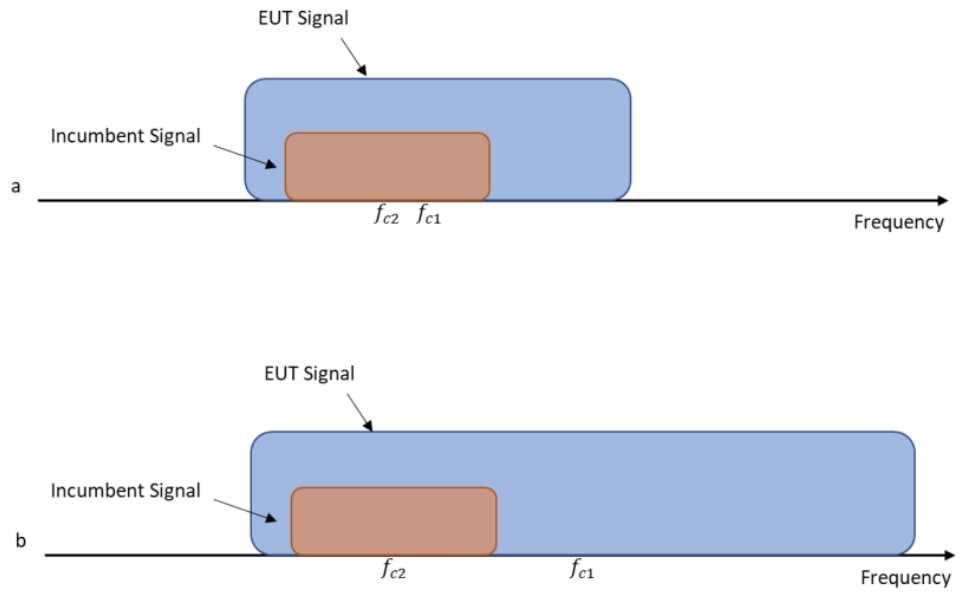


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01.
Section I) Contention Based Protocol
Conducted method Step-by-Step Procedure, Conducted Setup

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
4. Connect the output port of the EUT to the signal analyzer 2, as shown in test setup Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
5. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
6. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
7. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in test setup Figure 2.
8. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

9. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
10. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
11. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.
12. For the contention-based protocol test where only one channel in each supported sub-band needs to be tested. The narrowest and widest bandwidth in each channel shall be measured EUT was driven in MIMO mode, the interferer level was injected to both chains to monitor the performance, while the interferer level is determined according the lowest antenna gain among both antennas (i.e, lower interferer level).

3.5.4 Test Setup

Conducted Setup

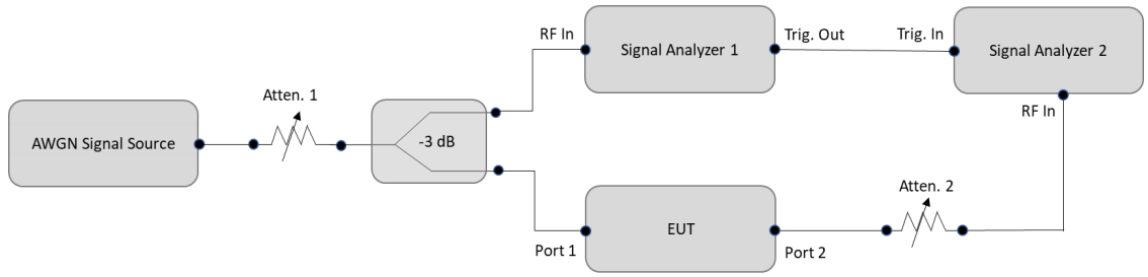


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

3.5.5 Support Unit used in test configuration and system

Instrument	Brand Name	Model No.	Characteristics
WLAN AP	ASUS	GT-AXE11000	Dual Band AP
Notebook	Acer	N15C1	LAN

3.5.6 Test Summary of Contention Based Protocol Test

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)
UNII Band 5	6135	20	6135	-66.55	100	-62	-63.05	1.05
					Result: Stop Transmission			
				-70.55	< 90	-62	-67.05	5.05
					Result: Minimal Operation			
				-71.55	0	-62	-68.05	6.05
					Result: Normal Operation			
	6185	160	6110	-69.8	100	-62	-66.3	4.3
					Result: Stop Transmission			
				-73.8	< 90	-62	-70.3	8.3
					Result: Minimal Operation			
				-74.8	0	-62	-71.3	9.3
					Result: Normal Operation			
			6185	-68.7	100	-62	-65.2	3.2
					Result: Stop Transmission			
				-72.7	< 90	-62	-69.2	7.2
					Result: Minimal Operation			
				-73.7	0	-62	-70.2	8.2
					Result: Normal Operation			
			6260	-71.53	100	-62	-68.03	6.03
					Result: Stop Transmission			
				-75.53	< 90	-62	-72.03	10.03
					Result: Minimal Operation			
				-76.53	0	-62	-73.03	11.03
					Result: Normal Operation			

Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain -3.5 dBi.

Note 2: Path Loss is negligible. (0 dB)

Note 3: Margin = Regulated Threshold level - Adjusted Power.

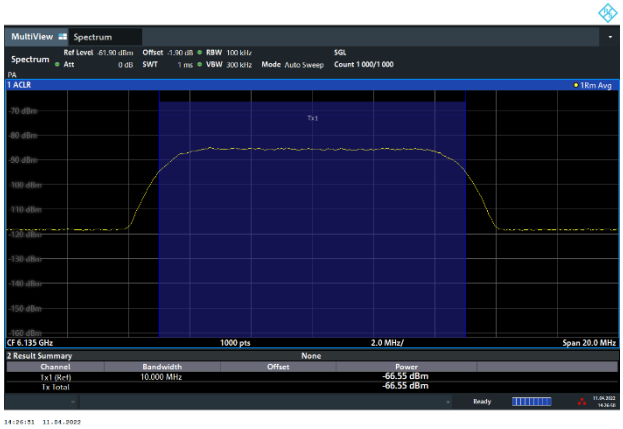
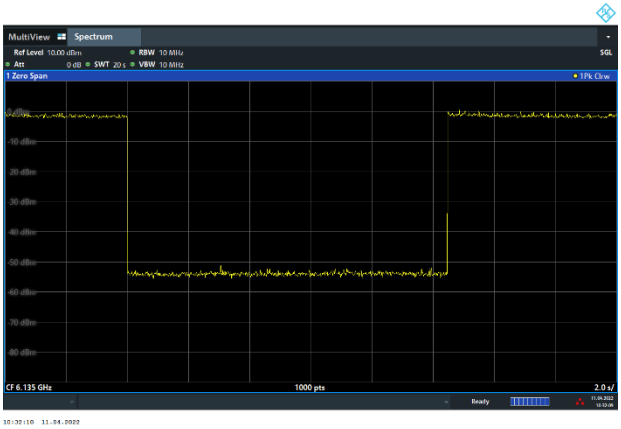
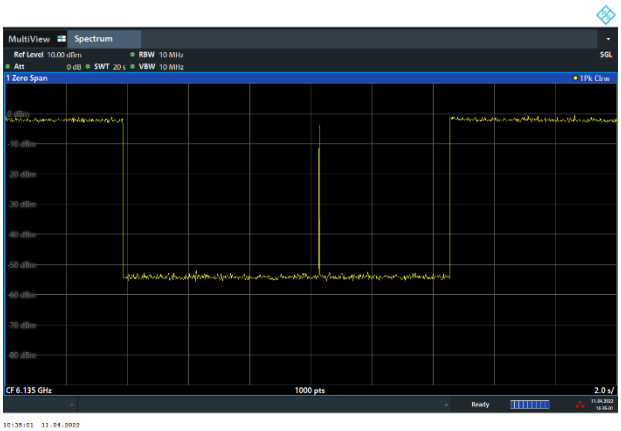
Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Injected AWGN Level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Margin (dB)
UNII Band 7	6695	20	6695	-66.9	100	-62	-63.4	1.4
					Result: Stop Transmission			
				-70.9	< 90	-62	-67.4	5.4
					Result: Minimal Operation			
				-71.9	0	-62	-68.4	6.4
					Result: Normal Operation			
	6665	160	6590	-71.67	100	-62	-68.17	6.17
					Result: Stop Transmission			
				-75.67	< 90	-62	-72.17	10.17
					Result: Minimal Operation			
				-76.67	0	-62	-73.17	11.17
					Result: Normal Operation			
			6665	-71.53	100	-62	-68.03	6.03
					Result: Stop Transmission			
				-75.53	< 90	-62	-72.03	10.03
					Result: Minimal Operation			
				-76.53	0	-62	-73.03	11.03
					Result: Normal Operation			
			6740	-71.71	100	-62	-68.21	6.21
					Result: Stop Transmission			
				-75.71	< 90	-62	-72.21	10.21
					Result: Minimal Operation			
				-76.71	0	-62	-73.21	11.21
					Result: Normal Operation			

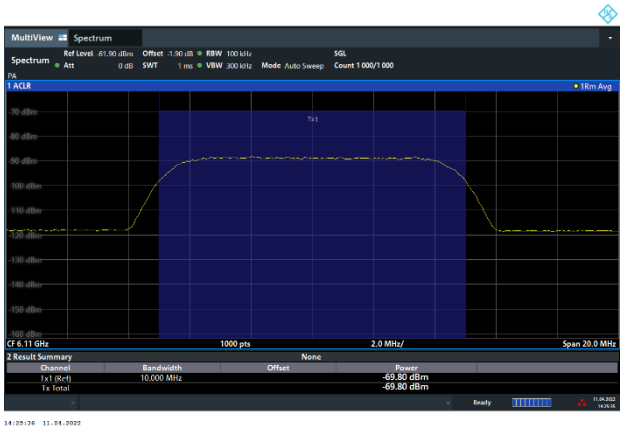
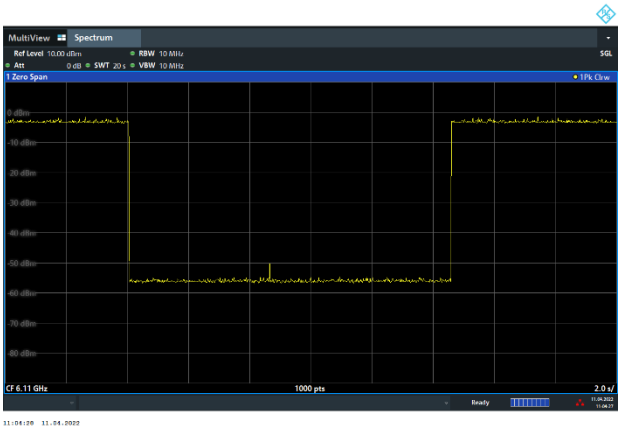
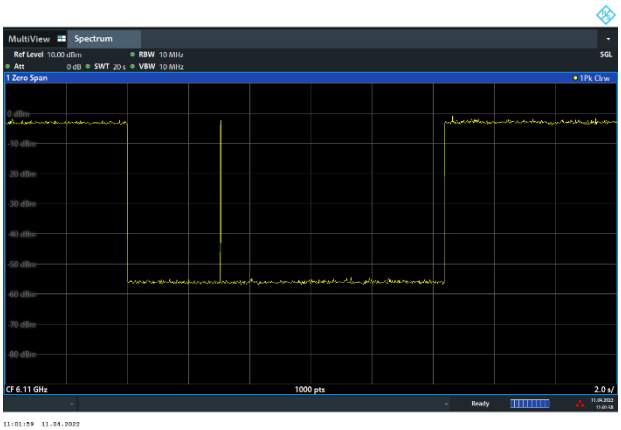
Note 1: Adjusted Power = Injected AWGN Level - minimum antenna gain -3.5 dBi.

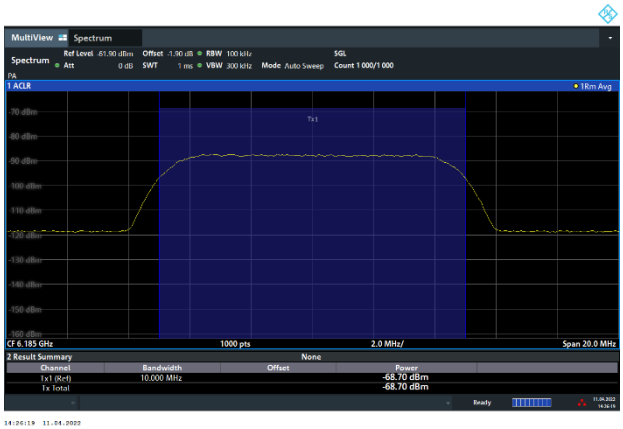
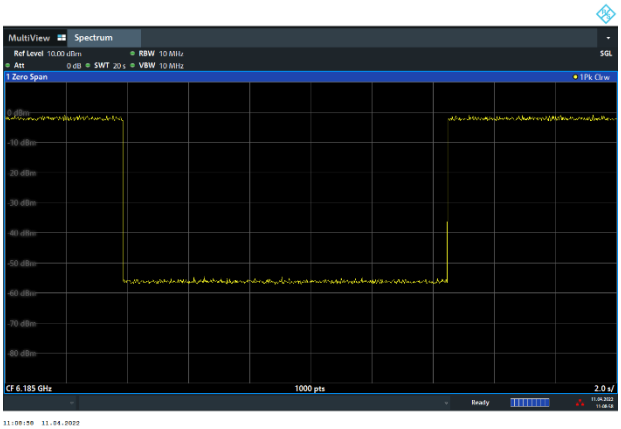
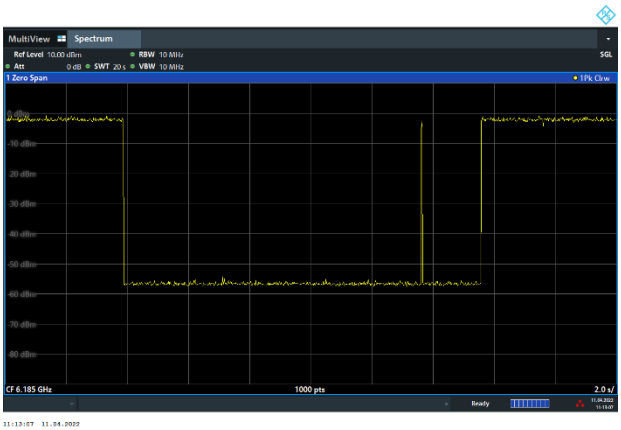
Note 2: Path Loss is negligible. (0 dB)

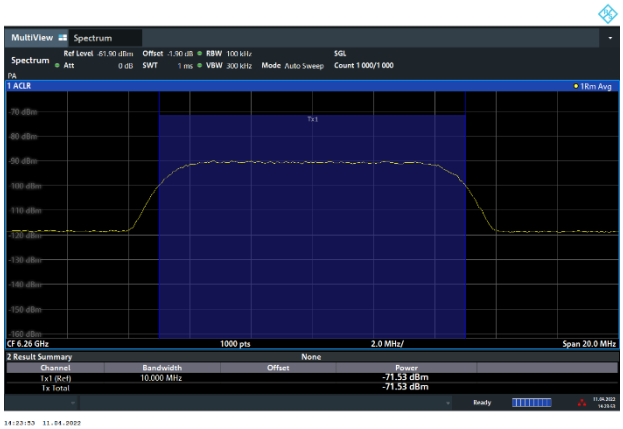
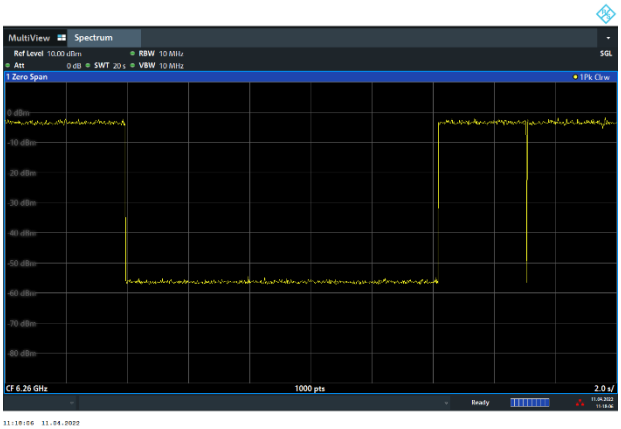
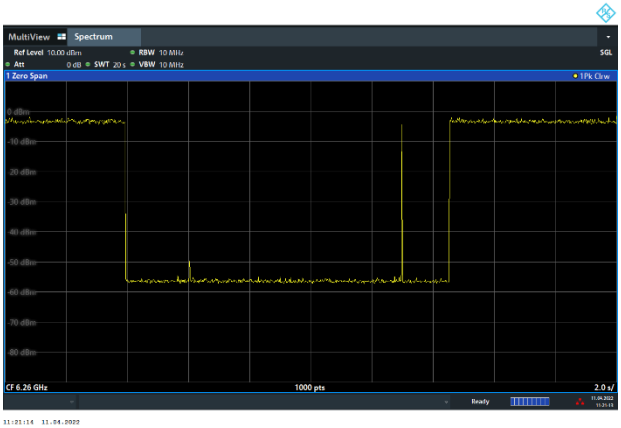
Note 3: Margin = Regulated Threshold level - Adjusted Power.

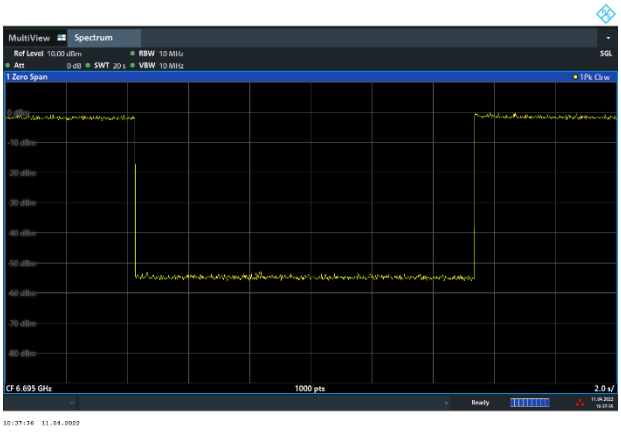
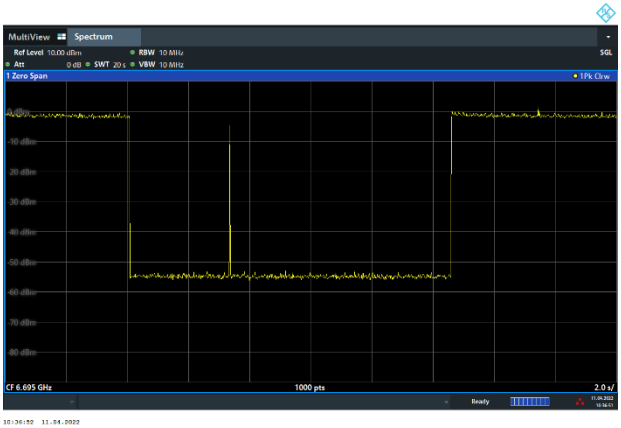
3.5.7 Test Plots of Contention Based Protocol Test

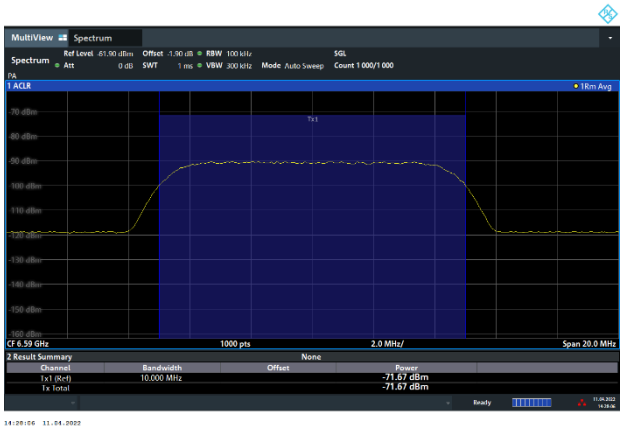
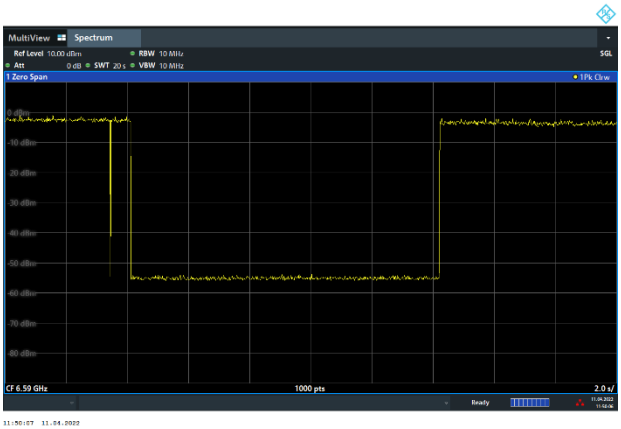
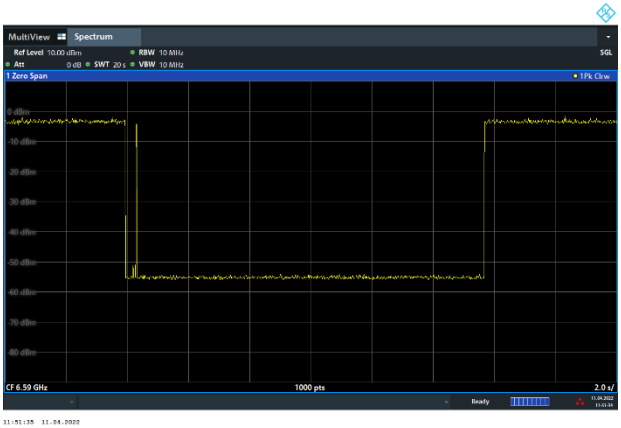
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE20) / 6135MHz Threshold Level (TL) = -66.55dBm	802.11ax (HE20) / CH37 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 6135MHz Threshold Level (TL) = -67.55dBm	802.11ax (HE20) / CH37 Transmit when the interferer is 1dB lower.
	

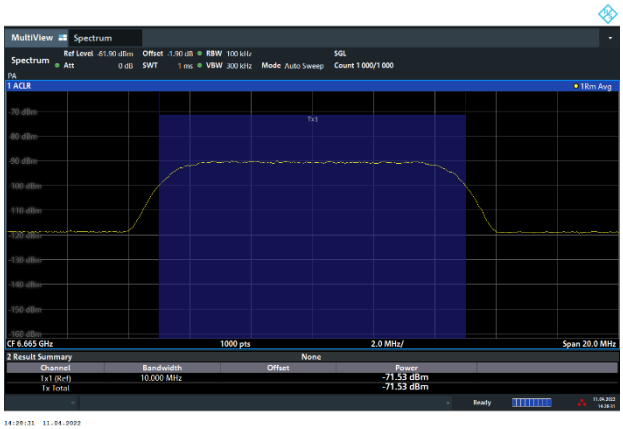
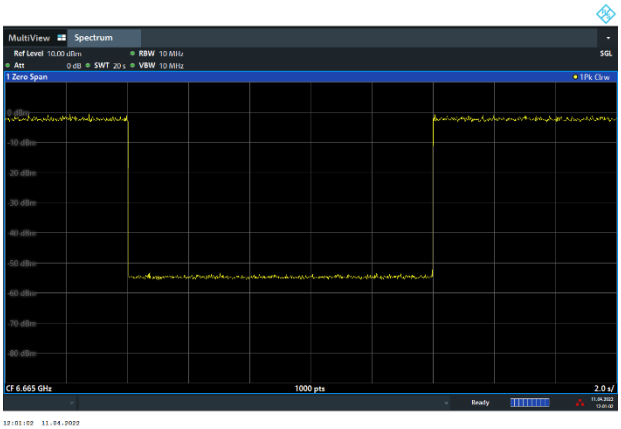
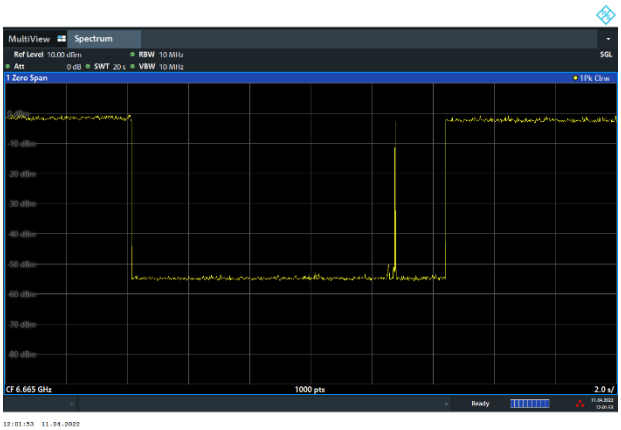
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -69.80dBm	802.11ax (HE160) / CH47 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -70.80dBm	802.11ax (HE160) / CH47 (Lower edge) Transmit when the interferer is 1dB lower.
	

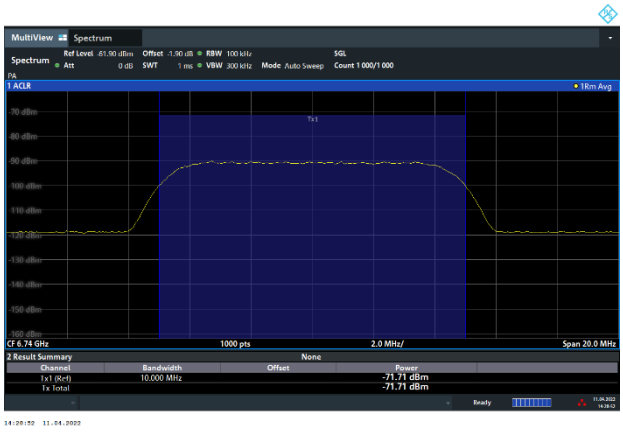
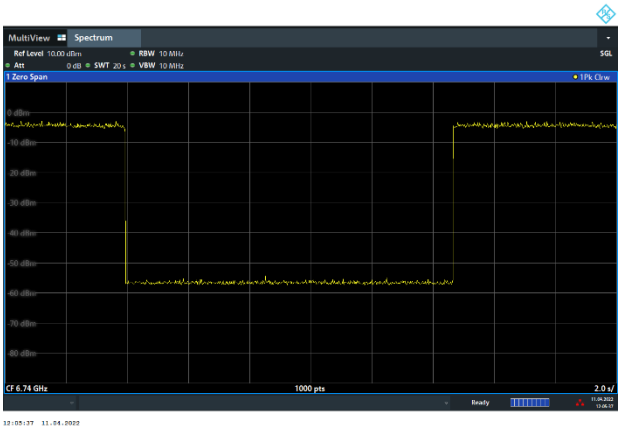
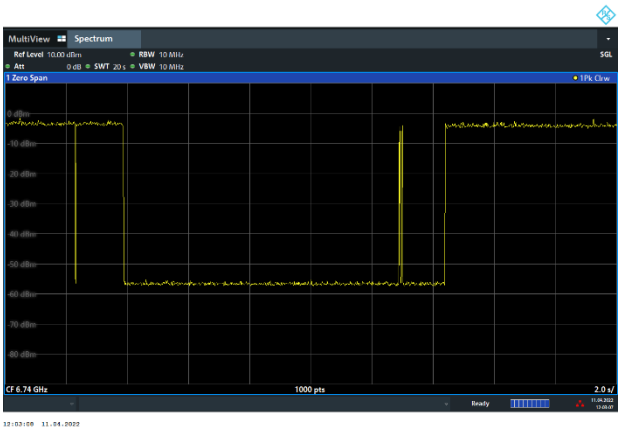
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -68.70dBm	802.11ax (HE160) / CH47 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -69.80dBm	802.11ax (HE160) / CH47 (Middle) Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE160) / 6260MHz (Upper edge) Threshold Level (TL) = -71.53dBm	802.11ax (HE160) / CH47 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6260MHz (Upper edge) Threshold Level (TL) = -72.53dBm	802.11ax (HE160) / CH47 (Upper edge) Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -66.90dBm	802.11ax (HE20) / CH149 Test result is pass due to no transmission occur.
	
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -67.90dBm	802.11ax (HE20) / CH149 Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE160) / 6590MHz (Lower edge) Threshold Level (TL) = -71.67dBm	802.11ax (HE160) / CH143 (Lower edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6590MHz (Lower edge) Threshold Level (TL) = -72.67dBm	802.11ax (HE160) / CH143 (Lower edge) Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE160) / 6665MHz (Middle) Threshold Level (TL) = -71.53dBm	802.11ax (HE160) / CH143 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6665MHz (Middle) Threshold Level (TL) = -72.53dBm	802.11ax (HE160) / CH143 (Middle) Transmit when the interferer is 1dB lower.
	

Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE160) / 6740MHz (Upper edge) Threshold Level (TL) = -71.71dBm	802.11ax (HE160) / CH143 (Upper edge) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6740MHz (Upper edge) Threshold Level (TL) = -72.71dBm	802.11ax (HE160) / CH143 (Upper edge) Transmit when the interferer is 1dB lower.
	

3.6 Unwanted Emissions Measurement

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

3.6.1 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)

3.6.2 Measuring Instruments

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

3.6.3 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

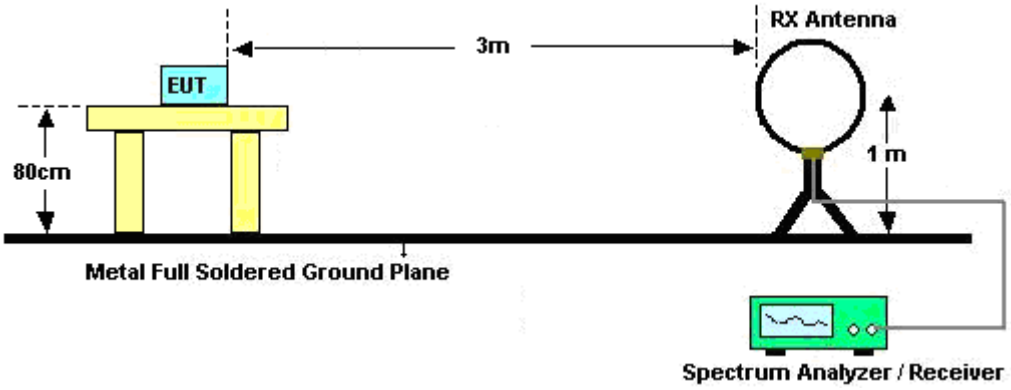
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

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.

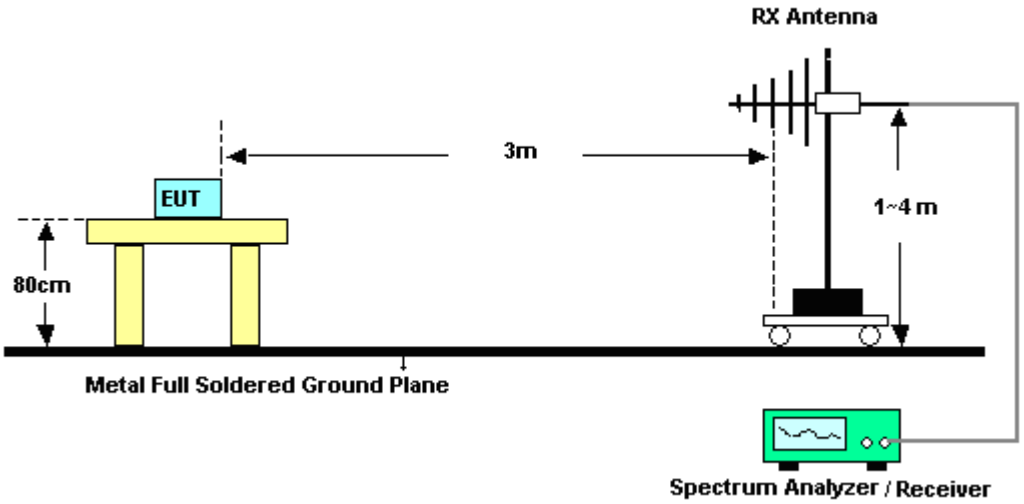
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit 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 "-"..

3.6.4 Test Setup

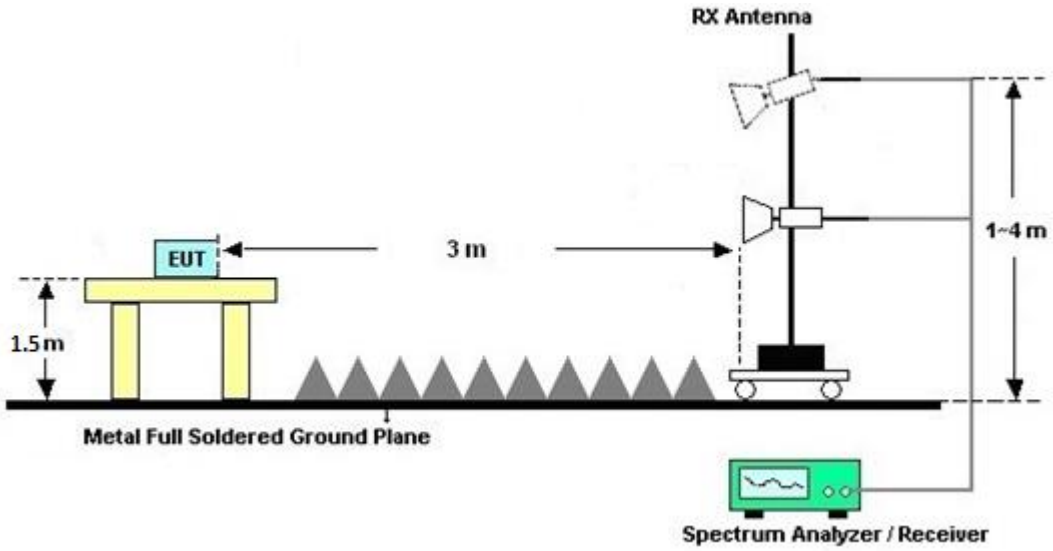
For radiated emissions below 30MHz



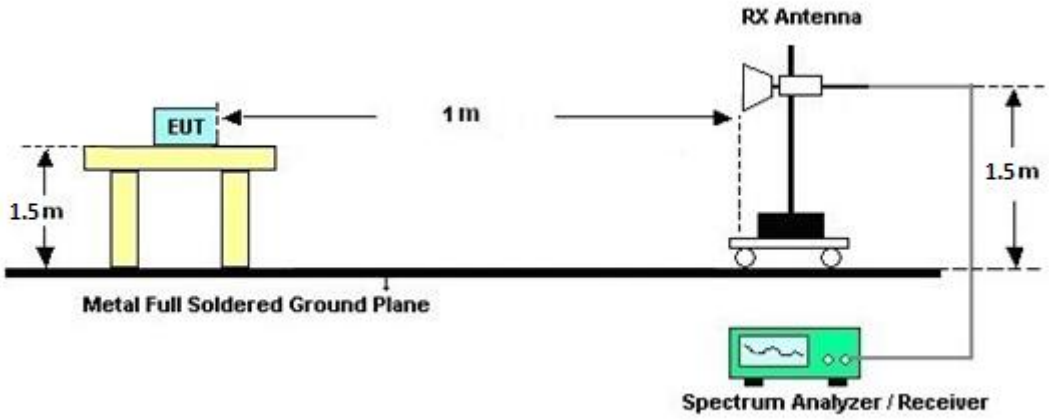
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.6.5 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.

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.7 AC Conducted Emission Measurement

3.7.1 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.

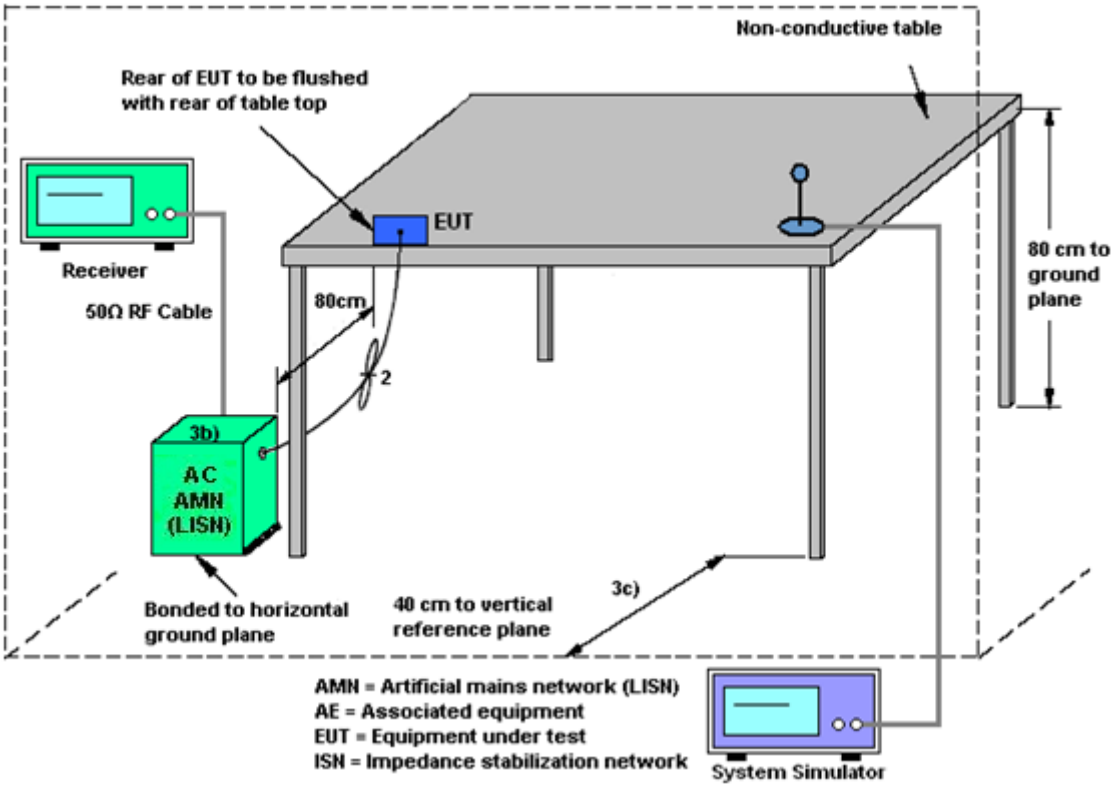
3.7.2 Measuring Instruments

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

3.7.3 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.

3.7.4 Test Setup



3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.8 Antenna Requirements

3.8.1 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.

3.8.2 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
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	May 13, 2022	Oct. 05, 2022~ Nov. 14, 2022	May 12, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 28, 2022	Oct. 05, 2022~ Nov. 14, 2022	Jun. 27, 2023	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 30, 2021	Oct. 05, 2022~ Nov. 14, 2022	Nov. 29, 2022	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1GHz~18GHz	Mar. 10, 2022	Oct. 05, 2022~ Nov. 14, 2022	Mar. 09, 2023	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz~1GHz	Oct. 08, 2022	Oct. 08, 2022~ Nov. 14, 2022	Oct. 07, 2023	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 15, 2021	Oct. 05, 2022~ Nov. 14, 2022	Dec. 14, 2022	Radiation (03CH16-HY)
Spectrum Analyzer	Keysigh	N9010A	MY55370526	10Hz~44GHz	Mar. 18, 2022	Oct. 05, 2022~ Nov. 14, 2022	Mar. 17, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	805935/4	N/A	Aug. 09, 2022	Oct. 05, 2022~ Nov. 14, 2022	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	802434/4	N/A	Aug. 09, 2022	Oct. 05, 2022~ Nov. 14, 2022	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5 757	N/A	Aug. 09, 2022	Oct. 05, 2022~ Nov. 14, 2022	Aug. 08, 2023	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 04, 2022	Oct. 05, 2022~ Nov. 14, 2022	Jul. 03, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 27, 2021	Oct. 05, 2022~ Nov. 14, 2022	Dec. 26, 2022	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 09, 2021	Oct. 05, 2022~ Nov. 14, 2022	Dec. 08, 2022	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 28, 2022	Oct. 05, 2022~ Nov. 14, 2022	Jun. 27, 2023	Radiation (03CH16-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Oct. 05, 2022~ Nov. 14, 2022	N/A	Radiation (03CH16-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Oct. 05, 2022~ Nov. 14, 2022	N/A	Radiation (03CH16-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Oct. 05, 2022~ Nov. 14, 2022	N/A	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Oct. 05, 2022~ Nov. 14, 2022	N/A	Radiation (03CH16-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 19, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Apr. 19, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Apr. 19, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Apr. 19, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Apr. 19, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 28, 2021	Apr. 19, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Apr. 19, 2022	Dec. 29, 2022	Conduction (CO05-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303B	TP200886	N/A	Mar. 21, 2022	Oct. 28, 2022~ Nov. 18, 2022	Mar. 20, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W #010	RPR6W-2101 002(NO:123)	10MHz~8GHz	Jan. 13, 2022	Oct. 28, 2022~ Nov. 18, 2022	Jan. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz	Aug. 03, 2022	Oct. 28, 2022~ Nov. 18, 2022	Aug. 02, 2023	Conducted (TH05-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Jan. 13,2022	Apr. 11, 2022	Jan. 12,2023	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Apr. 11, 2022	Apr. 19, 2022	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz-18GHz	Calibration from System	Apr. 11, 2022	Calibration from System	CBP (DF02-HY)
Power Divider	MVE	MVE8546	A702478	0.5GHz-6GHz	Calibration from System	Apr. 11, 2022	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A1	0.5-18GHz	Calibration from System	Apr. 11, 2022	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010(#2)	2GHz-8GHz	Calibration from System	Apr. 11, 2022	Calibration from System	CBP (DF02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.1 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.5 dB**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.8 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2022/10/28~11/18	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 4	Ant 8	Ant 4	Ant 8		
11a	6Mbps	2	001	5955	18.93	17.88	35.05	32.10	320.00	Pass
11a	6Mbps	2	049	6195	18.73	17.43	35.80	30.90	320.00	Pass
11a	6Mbps	2	093	6415	17.23	17.03	22.90	21.90	320.00	Pass

Report Number : FR1O2919-17

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 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
11a	6Mbps	2	001	5955	20.90	21.90	24.44	-0.60		23.84	30.00	Pass
11a	6Mbps	2	049	6195	19.90	21.10	23.55	-0.60		22.95	30.00	Pass
11a	6Mbps	2	093	6415	17.80	18.60	21.23	-0.60		20.63	30.00	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 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
11a	6Mbps	2	001	5955	0.30	0.30			11.30	1.08		12.38	17.00	Pass
11a	6Mbps	2	049	6195	0.30	0.30			10.88	1.08		11.96	17.00	Pass
11a	6Mbps	2	093	6415	0.30	0.30			8.53	1.08		9.61	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 4	Ant 8	Ant 4	Ant 8		
11a	6Mbps	2	117	6535	17.33	16.98	22.00	21.75	320.00	Pass
11a	6Mbps	2	149	6695	17.28	16.93	22.10	21.65	320.00	Pass
11a	6Mbps	2	181	6855	17.18	17.03	21.65	21.55	320.00	Pass

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 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
11a	6Mbps	2	117	6535	17.60	18.10	20.87	-1.90		18.97	30.00	Pass
11a	6Mbps	2	149	6695	17.40	17.40	20.41	-1.90		18.51	30.00	Pass
11a	6Mbps	2	181	6855	16.40	17.40	19.94	-1.90		18.04	30.00	Pass

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 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
11a	6Mbps	2	117	6535	0.30	0.30			8.30	0.35		8.64	17.00	Pass
11a	6Mbps	2	149	6695	0.30	0.30			8.07	0.35		8.42	17.00	Pass
11a	6Mbps	2	181	6855	0.30	0.30			7.34	0.35		7.69	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 4	Ant 8	Ant 4	Ant 8		
HE20	MCS0	2	001	5955	Full	19.68	19.53	41.20	37.45	320.00	Pass
HE20	MCS0	2	049	6195	Full	19.63	19.38	39.20	32.15	320.00	Pass
HE20	MCS0	2	093	6415	Full	19.18	19.13	23.55	21.95	320.00	Pass
HE40	MCS0	2	003	5965	Full	38.16	37.96	60.75	41.40	320.00	Pass
HE40	MCS0	2	051	6205	Full	39.16	38.16	73.98	49.05	320.00	Pass
HE40	MCS0	2	091	6405	Full	38.16	37.96	56.88	40.23	320.00	Pass
HE80	MCS0	2	007	5985	Full	77.32	77.08	102.08	81.92	320.00	Pass
HE80	MCS0	2	055	6225	Full	77.56	77.20	133.76	131.52	320.00	Pass
HE80	MCS0	2	087	6385	Full	77.56	77.32	143.20	106.24	320.00	Pass
HE160	MCS0	2	015	6025	Full	156.80	156.80	204.80	167.68	320.00	Pass
HE160	MCS0	2	047	6185	Full	157.52	156.80	281.60	209.28	320.00	Pass
HE160	MCS0	2	079	6345	Full	157.28	157.28	273.60	267.20	320.00	Pass

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 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	001	5955	Full	20.60	21.60	24.14	-0.60		23.54	30.00	Pass
HE20	MCS0	2	001	5955	26/0	11.00	12.30	14.71	-0.60		14.11	30.00	Pass
HE20	MCS0	2	001	5955	52/37	13.10	14.90	17.10	-0.60		16.50	30.00	Pass
HE20	MCS0	2	001	5955	106/53	16.30	17.90	20.18	-0.60		19.58	30.00	Pass
HE20	MCS0	2	049	6195	Full	20.40	21.50	24.00	-0.60		23.40	30.00	Pass
HE20	MCS0	2	049	6195	26/4	11.00	12.80	15.00	-0.60		14.40	30.00	Pass
HE20	MCS0	2	049	6195	52/38	13.80	15.30	17.62	-0.60		17.02	30.00	Pass
HE20	MCS0	2	049	6195	106/53	16.70	18.30	20.58	-0.60		19.98	30.00	Pass
HE20	MCS0	2	093	6415	Full	17.50	18.40	20.98	-0.60		20.38	30.00	Pass
HE20	MCS0	2	093	6415	26/8	7.90	9.40	11.72	-0.60		11.12	30.00	Pass
HE20	MCS0	2	093	6415	52/40	10.60	11.90	14.31	-0.60		13.71	30.00	Pass
HE20	MCS0	2	093	6415	106/54	13.50	15.00	17.32	-0.60		16.72	30.00	Pass
HE40	MCS0	2	003	5965	Full	19.10	19.50	22.31	-0.60		21.71	30.00	Pass
HE40	MCS0	2	051	6205	Full	20.10	20.80	23.47	-0.60		22.87	30.00	Pass
HE40	MCS0	2	091	6405	Full	18.70	19.20	21.97	-0.60		21.37	30.00	Pass
HE80	MCS0	2	007	5985	Full	18.60	19.40	22.03	-0.60		21.43	30.00	Pass
HE80	MCS0	2	055	6225	Full	19.60	20.70	23.20	-0.60		22.60	30.00	Pass
HE80	MCS0	2	087	6385	Full	19.70	20.60	23.18	-0.60		22.58	30.00	Pass
HE160	MCS0	2	015	6025	Full	18.00	18.80	21.43	-0.60		20.83	30.00	Pass
HE160	MCS0	2	047	6185	Full	19.30	20.40	22.90	-0.60		22.30	30.00	Pass
HE160	MCS0	2	079	6345	Full	19.60	20.50	23.08	-0.60		22.48	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 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	001	5955	Full	0.18	0.18			10.81	1.08		11.89	17.00	Pass
HE20	MCS0	2	001	5955	26/0	0.49	0.49			10.55	1.08		11.63	17.00	Pass
HE20	MCS0	2	001	5955	52/37	0.52	0.52			10.36	1.08		11.44	17.00	Pass
HE20	MCS0	2	001	5955	106/53	0.58	0.58			10.41	1.08		11.49	17.00	Pass
HE20	MCS0	2	049	6195	Full	0.18	0.18			10.37	1.08		11.45	17.00	Pass
HE20	MCS0	2	049	6195	26/4	0.49	0.49			10.21	1.08		11.29	17.00	Pass
HE20	MCS0	2	049	6195	52/38	0.52	0.52			10.24	1.08		11.32	17.00	Pass
HE20	MCS0	2	049	6195	106/53	0.58	0.58			10.33	1.08		11.41	17.00	Pass
HE20	MCS0	2	093	6415	Full	0.18	0.18			7.60	1.08		8.68	17.00	Pass
HE20	MCS0	2	093	6415	26/8	0.49	0.49			7.48	1.08		8.56	17.00	Pass
HE20	MCS0	2	093	6415	52/40	0.52	0.52			7.44	1.08		8.52	17.00	Pass
HE20	MCS0	2	093	6415	106/54	0.58	0.58			7.56	1.08		8.64	17.00	Pass
HE40	MCS0	2	003	5965	Full	0.41	0.41			6.39	1.08		7.47	17.00	Pass
HE40	MCS0	2	051	6205	Full	0.41	0.41			7.71	1.08		8.79	17.00	Pass
HE40	MCS0	2	091	6405	Full	0.41	0.41			5.95	1.08		7.03	17.00	Pass
HE80	MCS0	2	007	5985	Full	0.79	0.79			3.63	1.08		4.71	17.00	Pass
HE80	MCS0	2	055	6225	Full	0.79	0.79			4.69	1.08		5.77	17.00	Pass
HE80	MCS0	2	087	6385	Full	0.79	0.79			4.72	1.08		5.80	17.00	Pass
HE160	MCS0	2	015	6025	Full	0.69	0.71			-0.19	1.08		0.89	17.00	Pass
HE160	MCS0	2	047	6185	Full	0.69	0.71			1.02	1.08		2.10	17.00	Pass
HE160	MCS0	2	079	6345	Full	0.69	0.71			1.54	1.08		2.62	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 4	Ant 8	Ant 4	Ant 8		
HE20	MCS0	2	117	6535	Full	19.18	19.18	22.30	21.80	320.00	Pass
HE20	MCS0	2	149	6695	Full	19.18	19.18	23.70	21.65	320.00	Pass
HE20	MCS0	2	181	6855	Full	19.18	19.08	21.90	21.70	320.00	Pass
HE40	MCS0	2	123	6565	Full	38.16	37.96	49.41	40.05	320.00	Pass
HE40	MCS0	2	147	6685	Full	37.96	37.86	44.55	39.78	320.00	Pass
HE40	MCS0	2	179	6845	Full	38.06	37.96	52.02	43.92	320.00	Pass
HE80	MCS0	2	135	6625	Full	77.20	77.20	88.48	82.08	320.00	Pass
HE80	MCS0	2	151	6705	Full	77.20	76.96	98.24	81.76	320.00	Pass
HE80	MCS0	2	167	6785	Full	77.08	77.32	93.60	88.32	320.00	Pass
HE160	MCS0	2	143	6665	Full	157.28	156.80	261.12	245.44	320.00	Pass

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 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	117	6535	Full	17.80	18.40	21.12	-1.90		19.22	30.00	Pass
HE20	MCS0	2	117	6535	26/0	7.90	9.00	11.50	-1.90		9.60	30.00	Pass
HE20	MCS0	2	117	6535	52/37	10.30	11.70	14.07	-1.90		12.17	30.00	Pass
HE20	MCS0	2	117	6535	106/53	13.50	14.80	17.21	-1.90		15.31	30.00	Pass
HE20	MCS0	2	149	6695	Full	17.40	17.80	20.61	-1.90		18.71	30.00	Pass
HE20	MCS0	2	149	6695	26/4	8.70	9.50	12.13	-1.90		10.23	30.00	Pass
HE20	MCS0	2	149	6695	52/38	11.10	11.50	14.31	-1.90		12.41	30.00	Pass
HE20	MCS0	2	149	6695	106/53	14.00	14.60	17.32	-1.90		15.42	30.00	Pass
HE20	MCS0	2	181	6855	Full	16.60	17.90	20.31	-1.90		18.41	30.00	Pass
HE20	MCS0	2	181	6855	26/8	7.50	8.90	11.27	-1.90		9.37	30.00	Pass
HE20	MCS0	2	181	6855	52/40	10.00	11.50	13.82	-1.90		11.92	30.00	Pass
HE20	MCS0	2	181	6855	106/54	13.10	14.80	17.04	-1.90		15.14	30.00	Pass
HE40	MCS0	2	123	6565	Full	18.20	18.50	21.36	-1.90		19.46	30.00	Pass
HE40	MCS0	2	147	6685	Full	18.20	18.20	21.21	-1.90		19.31	30.00	Pass
HE40	MCS0	2	179	6845	Full	18.00	19.00	21.54	-1.90		19.64	30.00	Pass
HE80	MCS0	2	135	6625	Full	17.50	17.90	20.71	-1.90		18.81	30.00	Pass
HE80	MCS0	2	151	6705	Full	18.20	18.50	21.36	-1.90		19.46	30.00	Pass
HE80	MCS0	2	167	6785	Full	18.20	20.00	22.20	-1.90		20.30	30.00	Pass
HE160	MCS0	2	143	6665	Full	19.00	19.00	22.01	-1.90		20.11	30.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

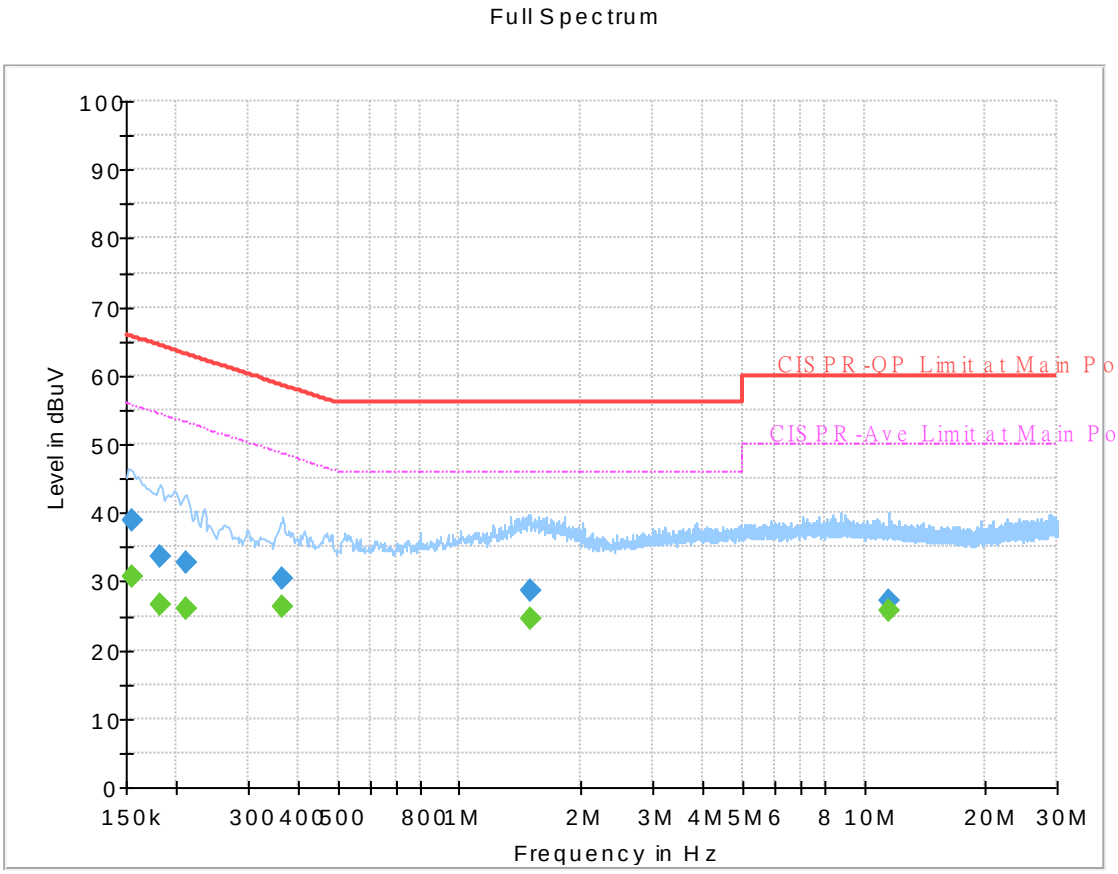
U-NII-7 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm/MHz)	Pass /Fail
						Ant 4	Ant 8	Ant 4	Ant 8	SUM	Ant 4	Ant 8	SUM		
HE20	MCS0	2	117	6535	Full	0.18	0.18			7.86	0.35		8.21	17.00	Pass
HE20	MCS0	2	117	6535	26/0	0.49	0.49			7.82	0.35		8.17	17.00	Pass
HE20	MCS0	2	117	6535	52/37	0.52	0.52			7.35	0.35		7.69	17.00	Pass
HE20	MCS0	2	117	6535	106/53	0.58	0.58			7.62	0.35		7.96	17.00	Pass
HE20	MCS0	2	149	6695	Full	0.18	0.18			7.58	0.35		7.93	17.00	Pass
HE20	MCS0	2	149	6695	26/4	0.49	0.49			7.36	0.35		7.71	17.00	Pass
HE20	MCS0	2	149	6695	52/38	0.52	0.52			7.56	0.35		7.91	17.00	Pass
HE20	MCS0	2	149	6695	106/53	0.58	0.58			7.53	0.35		7.87	17.00	Pass
HE20	MCS0	2	181	6855	Full	0.18	0.18			7.15	0.35		7.50	17.00	Pass
HE20	MCS0	2	181	6855	26/8	0.49	0.49			7.14	0.35		7.48	17.00	Pass
HE20	MCS0	2	181	6855	52/40	0.52	0.52			7.13	0.35		7.47	17.00	Pass
HE20	MCS0	2	181	6855	106/54	0.58	0.58			7.13	0.35		7.48	17.00	Pass
HE40	MCS0	2	123	6565	Full	0.41	0.41			5.75	0.35		6.10	17.00	Pass
HE40	MCS0	2	147	6685	Full	0.41	0.41			5.17	0.35		5.51	17.00	Pass
HE40	MCS0	2	179	6845	Full	0.41	0.41			5.94	0.35		6.29	17.00	Pass
HE80	MCS0	2	135	6625	Full	0.79	0.79			2.42	0.35		2.76	17.00	Pass
HE80	MCS0	2	151	6705	Full	0.79	0.79			2.87	0.35		3.22	17.00	Pass
HE80	MCS0	2	167	6785	Full	0.79	0.79			3.50	0.35		3.84	17.00	Pass
HE160	MCS0	2	143	6665	Full	0.69	0.71			0.21	0.35		0.55	17.00	Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line



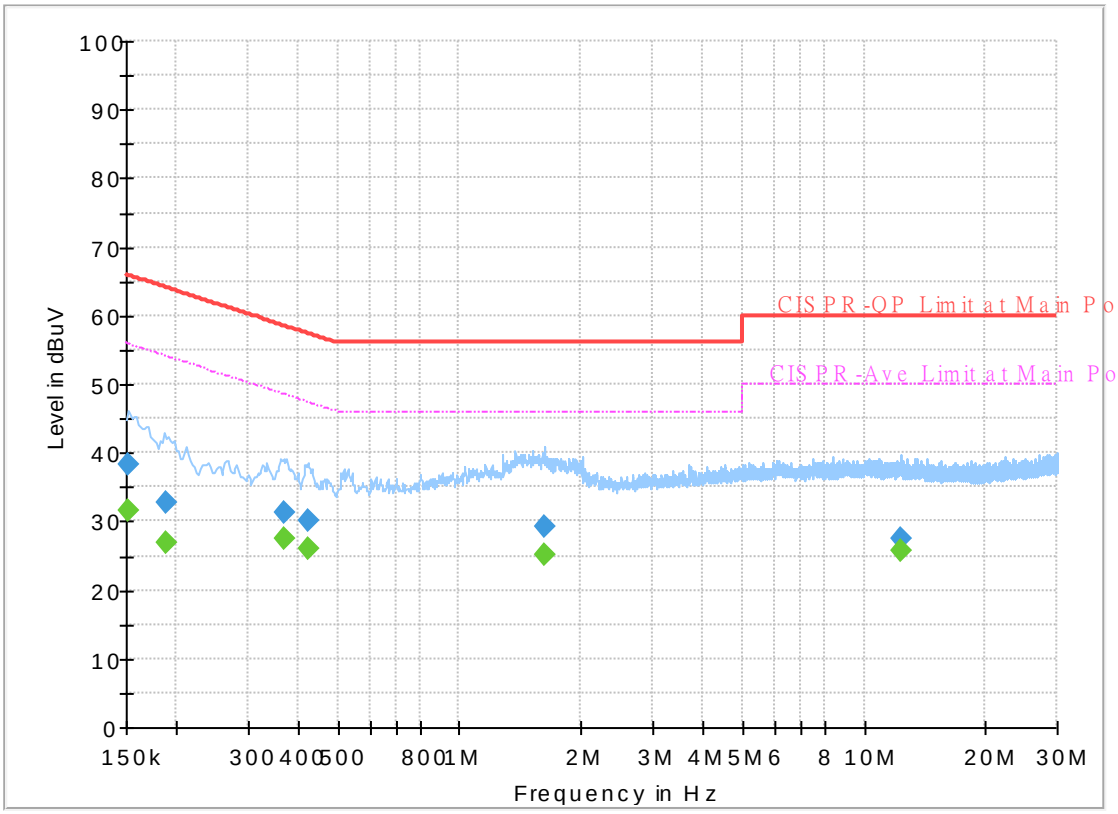
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	30.64	55.75	25.11	L1	OFF	19.6
0.154500	38.99	---	65.75	26.76	L1	OFF	19.6
0.181500	---	26.59	54.42	27.83	L1	OFF	19.6
0.181500	33.59	---	64.42	30.83	L1	OFF	19.6
0.210750	---	26.09	53.18	27.09	L1	OFF	19.6
0.210750	32.87	---	63.18	30.31	L1	OFF	19.6
0.366000	---	26.24	48.59	22.35	L1	OFF	19.6
0.366000	30.29	---	58.59	28.30	L1	OFF	19.6
1.493250	---	24.65	46.00	21.35	L1	OFF	19.7
1.493250	28.72	---	56.00	27.28	L1	OFF	19.7
11.474250	---	25.61	50.00	24.39	L1	OFF	20.1
11.474250	27.20	---	60.00	32.80	L1	OFF	20.1

EUT Information

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)
0.152250	---	31.65	55.88	24.23	N	OFF	19.6
0.152250	38.16	---	65.88	27.72	N	OFF	19.6
0.188250	---	26.86	54.11	27.25	N	OFF	19.6
0.188250	32.66	---	64.11	31.45	N	OFF	19.6
0.368250	---	27.60	48.54	20.94	N	OFF	19.6
0.368250	31.16	---	58.54	27.38	N	OFF	19.6
0.422250	---	26.01	47.40	21.39	N	OFF	19.6
0.422250	30.24	---	57.40	27.16	N	OFF	19.6
1.619250	---	25.17	46.00	20.83	N	OFF	19.7
1.619250	29.28	---	56.00	26.72	N	OFF	19.7
12.360750	---	25.87	50.00	24.13	N	OFF	20.2
12.360750	27.57	---	60.00	32.43	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	Karl Hou and Andy Yang	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

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.
4+8		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5916.52	66.67	-21.53	88.2	50.12	34.3	11.89	29.64	100	120	P	H
		5924.84	56.03	-12.17	68.2	39.49	34.3	11.89	29.65	100	120	A	H
	*	5955	112.02	-	-	95.47	34.28	11.92	29.65	100	120	P	H
	*	5955	104.29	-	-	87.74	34.28	11.92	29.65	100	120	A	H
													H
													H
		5924.52	60.84	-27.36	88.2	44.3	34.3	11.89	29.65	393	20	P	V
		5925	51.24	-16.96	68.2	34.7	34.3	11.89	29.65	393	20	A	V
	*	5955	108.94	-	-	92.39	34.28	11.92	29.65	393	20	P	V
	*	5955	101.23	-	-	84.68	34.28	11.92	29.65	393	20	A	V
													V
													V

802.11a CH 49 6195MHz		5876.8	54.86	-33.34	88.2	38.43	34.21	11.86	29.64	100	120	P	H
		5861.5	44.72	-23.48	68.2	28.36	34.15	11.85	29.64	100	120	A	H
	*	6195	110.85	-	-	94.24	34.2	12.19	29.78	100	120	P	H
	*	6195	102.92	-	-	86.31	34.2	12.19	29.78	100	120	A	H
													H
													H
		5827.5	55.66	-32.54	88.2	39.46	34.01	11.82	29.63	393	30	P	V
		5879.775	44.53	-23.67	68.2	28.09	34.22	11.86	29.64	393	30	A	V
	*	6195	107.59	-	-	90.98	34.2	12.19	29.78	393	30	P	V
	*	6195	99.84	-	-	83.23	34.2	12.19	29.78	393	30	A	V
													V
													V
802.11a CH 93 6415MHz		5844.985	54.6	-33.6	88.2	38.32	34.08	11.83	29.63	102	247	P	H
		5895.295	44.32	-23.88	68.2	27.81	34.28	11.87	29.64	102	247	A	H
	*	6415	107.78	-	-	90.54	34.86	12.31	29.93	102	247	P	H
	*	6415	100.26	-	-	83.02	34.86	12.31	29.93	102	247	A	H
													H
													H
		5864.335	54.53	-33.67	88.2	38.16	34.16	11.85	29.64	384	30	P	V
		5876.59	44.37	-23.83	68.2	27.94	34.21	11.86	29.64	384	30	A	V
	*	6415	103.71	-	-	86.47	34.86	12.31	29.93	384	30	P	V
	*	6415	96.12	-	-	78.88	34.86	12.31	29.93	384	30	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. 4+8	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)
802.11a CH 01 5955MHz		11910	47.07	-26.93	74	56.78	38.83	17.67	66.21	-	-	P	H
		17865	56.21	-17.79	74	57.89	41.85	21.78	65.31	-	-	P	H
		17865	44.66	-9.34	54	46.34	41.85	21.78	65.31	-	-	A	H
													H
													H
													H
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													H
													H
													H
		11910	47.4	-26.6	74	57.11	38.83	17.67	66.21	-	-	P	V
		17865	62.86	-11.14	74	64.54	41.85	21.78	65.31	-	-	P	V
		17865	49.55	-4.45	54	51.23	41.85	21.78	65.31	-	-	A	V
													V
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													V
													V

WIFI Ant. 4+8	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	53.59	-20.41	74	62.32	39.11	18.07	65.91	101	243	P	H
		12390	43.95	-10.05	54	52.68	39.11	18.07	65.91	101	243	A	H
		18585	63.03	-10.97	74	83.69	37.97	-3.08	55.55	100	308	P	H
		18585	49.77	-4.23	54	70.43	37.97	-3.08	55.55	100	308	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 49 6195MHz		12390	54.3	-19.7	74	63.03	39.11	18.07	65.91	100	135	P	V
		12390	43.51	-10.49	54	52.24	39.11	18.07	65.91	102	134	A	V
		18585	62.6	-11.4	74	83.26	37.97	-3.08	55.55	100	16	P	V
		18585	50.44	-3.56	54	71.1	37.97	-3.08	55.55	100	16	A	V
													V
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													V
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													V
													V

WIFI Ant. 4+8	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	50.89	-37.31	88.2	58.33	39.83	18.45	65.72	-	-	P	H
		19245	60.47	-13.53	74	80.4	38.1	-2.83	55.2	100	329	P	H
		19245	50.69	-3.31	54	70.62	38.1	-2.83	55.2	100	329	A	H
													H
													H
													H
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													H
													H
													H
802.11a CH 93 6415MHz		12830	54.04	-34.16	88.2	61.48	39.83	18.45	65.72	-	-	P	V
		19245	56.43	-17.57	74	76.36	38.1	-2.83	55.2	100	12	P	V
		19245	47.13	-6.87	54	67.06	38.1	-2.83	55.2	100	12	A	V
													V
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													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.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 5 5925~6425MHz

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

WIFI Ant. 4+8	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)
		5924.2	69.04	-19.16	88.2	52.5	34.3	11.89	29.65	100	120	P	H
		5925	58.02	-10.18	68.2	41.48	34.3	11.89	29.65	100	120	A	H
	*	5955	113.5	-	-	96.95	34.28	11.92	29.65	100	120	P	H
	*	5955	103.19	-	-	86.64	34.28	11.92	29.65	100	120	A	H
802.11ax													H
HE20 Full													H
CH 01		5925	62.76	-25.44	88.2	46.22	34.3	11.89	29.65	393	26	P	V
5955MHz		5925	52.74	-15.46	68.2	36.2	34.3	11.89	29.65	393	26	A	V
	*	5955	107.79	-	-	91.24	34.28	11.92	29.65	393	26	P	V
	*	5955	99.13	-	-	82.58	34.28	11.92	29.65	393	26	A	V
													V
													V

		5921.85	55.65	-32.55	88.2	39.11	34.3	11.89	29.65	100	117	P	H
		5921.425	44.81	-23.39	68.2	28.27	34.3	11.89	29.65	100	117	A	H
	*	6195	112.36	-	-	95.75	34.2	12.19	29.78	100	117	P	H
	*	6195	102.09	-	-	85.48	34.2	12.19	29.78	100	117	A	H
802.11ax													H
HE20 Full													H
CH 49		5811.35	56.17	-32.03	88.2	40.04	33.95	11.81	29.63	397	30	P	V
6195MHz		5923.975	44.37	-23.83	68.2	27.83	34.3	11.89	29.65	397	30	A	V
	*	6195	107.14	-	-	90.53	34.2	12.19	29.78	397	30	P	V
	*	6195	97.6	-	-	80.99	34.2	12.19	29.78	397	30	A	V
													V
													V
		5919.16	55.13	-33.07	88.2	38.59	34.3	11.89	29.65	102	345	P	H
		5920.45	44.42	-23.78	68.2	27.88	34.3	11.89	29.65	102	345	A	H
	*	6415	108.79	-	-	91.55	34.86	12.31	29.93	102	345	P	H
	*	6415	97.84	-	-	80.6	34.86	12.31	29.93	102	345	A	H
802.11ax													H
HE20 Full													H
CH 93		5914	55.53	-32.67	88.2	38.98	34.3	11.89	29.64	387	347	P	V
6415MHz		5866.915	44.26	-23.94	68.2	27.88	34.17	11.85	29.64	387	347	A	V
	*	6415	105.4	-	-	88.16	34.86	12.31	29.93	387	347	P	V
	*	6415	95.25	-	-	78.01	34.86	12.31	29.93	387	347	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. 4+8	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	47.27	-26.73	74	56.98	38.83	17.67	66.21	-	-	P	H
		17865	58.26	-15.74	74	59.94	41.85	21.78	65.31	-	-	P	H
		17865	45.11	-8.89	54	46.79	41.85	21.78	65.31	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 01		11910	47.74	-26.26	74	57.45	38.83	17.67	66.21	-	-	P	V
5955MHz		17865	62.03	-11.97	74	63.71	41.85	21.78	65.31	-	-	P	V
		17865	50.23	-3.77	54	51.91	41.85	21.78	65.31	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	47.78	-26.22	74	56.51	39.11	18.07	65.91	-	-	P	H
		18585	61.25	-12.75	74	81.91	37.97	-3.08	55.55	100	310	P	H
		18585	49.33	-4.67	54	69.99	37.97	-3.08	55.55	100	310	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 49		12390	52.49	-21.51	74	61.22	39.11	18.07	65.91	100	134	P	V
6195MHz		12390	42.66	-11.34	54	51.39	39.11	18.07	65.91	100	134	A	V
		18585	62.18	-11.82	74	82.84	37.97	-3.08	55.55	100	15	P	V
		18585	49.06	-4.94	54	69.72	37.97	-3.08	55.55	100	15	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	50.54	-37.66	88.2	57.98	39.83	18.45	65.72	-	-	P	H
		19245	64.96	-9.04	74	84.89	38.1	-2.83	55.2	100	115	P	H
		19245	50.85	-3.15	54	70.78	38.1	-2.83	55.2	100	115	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 93		12830	53.61	-34.59	88.2	61.05	39.83	18.45	65.72	-	-	P	V
6415MHz		19245	63.04	-10.96	74	82.97	38.1	-2.83	55.2	100	26	P	V
		19245	48	-6	54	67.93	38.1	-2.83	55.2	100	26	A	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.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 5 5925~6425MHz

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

WIFI Ant. 4+8	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)
		5924.52	74.83	-13.37	88.2	58.29	34.3	11.89	29.65	100	118	P	H
		5924.84	65.5	-2.7	68.2	48.96	34.3	11.89	29.65	100	118	A	H
	*	5965	109.8	-	-	93.29	34.24	11.92	29.65	100	118	P	H
	*	5965	99.03	-	-	82.52	34.24	11.92	29.65	100	118	A	H
802.11ax													H
HE40 Full													H
CH 03		5924.84	67.26	-20.94	88.2	50.72	34.3	11.89	29.65	397	22	P	V
5965MHz		5925	60.36	-7.84	68.2	43.82	34.3	11.89	29.65	397	22	A	V
	*	5965	104.05	-	-	87.54	34.24	11.92	29.65	397	22	P	V
	*	5965	94.93	-	-	78.42	34.24	11.92	29.65	397	22	A	V
													V
													V

		5904.85	56.55	-31.65	88.2	40.01	34.3	11.88	29.64	100	114	P	H
		5870.85	45.77	-22.43	68.2	29.38	34.18	11.85	29.64	100	114	A	H
	*	6205	110.72	-	-	94.09	34.22	12.2	29.79	100	114	P	H
	*	6205	100.58	-	-	83.95	34.22	12.2	29.79	100	114	A	H
802.11ax													H
HE40 Full													H
CH 51		5875.95	54.96	-33.24	88.2	38.54	34.2	11.86	29.64	100	92	P	V
6205MHz		5909.1	45.62	-22.58	68.2	29.08	34.3	11.88	29.64	100	92	A	V
	*	6205	107.76	-	-	91.13	34.22	12.2	29.79	100	92	P	V
	*	6205	97.91	-	-	81.28	34.22	12.2	29.79	100	92	A	V
													V
													V
		5886.91	55.79	-32.41	88.2	39.31	34.25	11.87	29.64	100	248	P	H
		5891.425	44.32	-23.88	68.2	27.82	34.27	11.87	29.64	100	248	A	H
	*	6405	106.46	-	-	89.27	34.82	12.29	29.92	100	248	P	H
	*	6405	96.41	-	-	79.22	34.82	12.29	29.92	100	248	A	H
802.11ax													H
HE40 Full													H
CH 91		5917.225	55.23	-32.97	88.2	38.69	34.3	11.89	29.65	100	298	P	V
6405MHz		5879.17	44.34	-23.86	68.2	27.9	34.22	11.86	29.64	100	298	A	V
	*	6405	104.86	-	-	87.67	34.82	12.29	29.92	100	298	P	V
	*	6405	95.56	-	-	78.37	34.82	12.29	29.92	100	298	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. 4+8	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	46.73	-27.27	74	56.37	38.89	17.68	66.21	-	-	P	H
		17895	53.7	-20.3	74	55.02	42.15	21.79	65.26	-	-	P	H
		17895	43.54	-10.46	54	44.86	42.15	21.79	65.26	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 03		11930	47.08	-26.92	74	56.72	38.89	17.68	66.21	-	-	P	V
5965MHz		17895	56.88	-17.12	74	58.2	42.15	21.79	65.26	-	-	P	V
		17895	44.77	-9.23	54	46.09	42.15	21.79	65.26	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	47.51	-26.49	74	56.22	39.1	18.09	65.9	-	-	P	H
		18615	57.77	-16.23	74	78.36	37.99	-3.05	55.53	100	312	P	H
		18615	49.26	-4.74	54	69.85	37.99	-3.05	55.53	100	312	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 51		12410	49.95	-24.05	74	58.66	39.1	18.09	65.9	100	134	P	V
6205MHz		12410	40.87	-13.13	54	49.58	39.1	18.09	65.9	100	134	A	V
		18615	59.4	-14.6	74	79.99	37.99	-3.05	55.53	100	14	P	V
		18615	49.11	-4.89	54	69.7	37.99	-3.05	55.53	100	14	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	49.64	-38.56	88.2	57.12	39.81	18.44	65.73	-	-	P	H
		19215	59.72	-14.28	74	79.65	38.09	-2.81	55.21	100	115	P	H
		19215	49.93	-4.07	54	69.86	38.09	-2.81	55.21	100	115	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 91		12810	49.91	-38.29	88.2	57.39	39.81	18.44	65.73	-	-	P	V
6405MHz		19215	57.61	-16.39	74	77.54	38.09	-2.81	55.21	100	25	P	V
		19215	48.03	-5.97	54	67.96	38.09	-2.81	55.21	100	25	A	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.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 5 5925~6425MHz

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

WIFI Ant. 4+8	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	74.19	-14.01	88.2	57.65	34.3	11.89	29.65	100	117	P	H
		5924.84	65.45	-2.75	68.2	48.91	34.3	11.89	29.65	100	117	A	H
	*	5985	105.81	-	-	89.37	34.16	11.94	29.66	100	117	P	H
	*	5985	95.6	-	-	79.16	34.16	11.94	29.66	100	117	A	H
802.11ax													H
HE80 Full													H
CH 07		5923.88	66.43	-21.77	88.2	49.89	34.3	11.89	29.65	100	97	P	V
5985MHz		5925	58.1	-10.1	68.2	41.56	34.3	11.89	29.65	100	97	A	V
	*	5985	101.15	-	-	84.71	34.16	11.94	29.66	100	97	P	V
	*	5985	91.07	-	-	74.63	34.16	11.94	29.66	100	97	A	V
													V
													V

		5903.15	55.36	-32.84	88.2	38.82	34.3	11.88	29.64	100	117	P	H
		5898.475	46.88	-21.32	68.2	30.36	34.29	11.87	29.64	100	117	A	H
	*	6225	106.56	-	-	89.85	34.3	12.21	29.8	100	117	P	H
	*	6225	96.97	-	-	80.26	34.3	12.21	29.8	100	117	A	H
802.11ax													H
HE80 Full													H
CH 55		5913.775	55.68	-32.52	88.2	39.13	34.3	11.89	29.64	100	90	P	V
6225MHz		5885.3	45.87	-22.33	68.2	29.41	34.24	11.86	29.64	100	90	A	V
	*	6225	105.22	-	-	88.51	34.3	12.21	29.8	100	90	P	V
	*	6225	94.96	-	-	78.25	34.3	12.21	29.8	100	90	A	V
													V
													V
		5807.575	54.85	-33.35	88.2	38.74	33.93	11.81	29.63	100	247	P	H
		5921.74	44.44	-23.76	68.2	27.9	34.3	11.89	29.65	100	247	A	H
	*	6385	105.87	-	-	88.8	34.71	12.27	29.91	100	247	P	H
	*	6385	94.63	-	-	77.56	34.71	12.27	29.91	100	247	A	H
802.11ax													H
HE80 Full													H
CH 87		5867.56	54.77	-33.43	88.2	38.39	34.17	11.85	29.64	100	258	P	V
6385MHz		5895.94	44.35	-23.85	68.2	27.84	34.28	11.87	29.64	100	258	A	V
	*	6385	103.88	-	-	86.81	34.71	12.27	29.91	100	258	P	V
	*	6385	93.35	-	-	76.28	34.71	12.27	29.91	100	258	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. 4+8	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	47.46	-26.54	74	56.94	39.01	17.72	66.21	-	-	P	H
		17955	53.38	-20.62	74	54.36	42.37	21.82	65.17	-	-	P	H
		17955	43.72	-10.28	54	44.7	42.37	21.82	65.17	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 07		11970	47.59	-26.41	74	57.07	39.01	17.72	66.21	-	-	P	V
5985MHz		17955	53.58	-20.42	74	54.56	42.37	21.82	65.17	-	-	P	V
		17955	43.28	-10.72	54	44.26	42.37	21.82	65.17	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	47.9	-26.1	74	56.54	39.1	18.13	65.87	-	-	P	H
		18675	56.67	-17.33	74	77.11	38.04	-2.99	55.49	100	313	P	H
		18675	49.24	-4.76	54	69.68	38.04	-2.99	55.49	100	313	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 55		12450	47.9	-26.1	74	56.54	39.1	18.13	65.87	-	-	P	V
6225MHz		18675	57.29	-16.71	74	77.73	38.04	-2.99	55.49	100	10	P	V
		18675	49.29	-4.71	54	69.73	38.04	-2.99	55.49	100	10	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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)
		12570	47.87	-26.13	74	56.21	39.24	18.23	65.81	-	-	P	H
		19155	60.01	-13.99	74	79.96	38.06	-2.77	55.24	150	119	P	H
		19155	50.12	-3.88	54	70.07	38.06	-2.77	55.24	150	119	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 87		12570	47.79	-26.21	74	56.13	39.24	18.23	65.81	-	-	P	V
6385MHz		19155	56.64	-17.36	74	76.59	38.06	-2.77	55.24	150	353	P	V
		19155	47.54	-6.46	54	67.49	38.06	-2.77	55.24	150	353	A	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.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 5 5925~6425MHz

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

WIFI Ant. 4+8	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)
		5908.84	76.6	-11.6	88.2	60.06	34.3	11.88	29.64	100	115	P	H
		5908.84	65.41	-2.79	68.2	48.87	34.3	11.88	29.64	100	115	A	H
	*	6025	102.85	-	-	86.4	34.15	11.98	29.68	100	115	P	H
	*	6025	92.85	-	-	76.4	34.15	11.98	29.68	100	115	A	H
802.11ax													H
HE160 Full													H
CH 15		5921	66.98	-21.22	88.2	50.44	34.3	11.89	29.65	100	159	P	V
6025MHz		5908.52	57.73	-10.47	68.2	41.19	34.3	11.88	29.64	100	159	A	V
	*	6025	99.44	-	-	82.99	34.15	11.98	29.68	100	159	P	V
	*	6025	89.59	-	-	73.14	34.15	11.98	29.68	100	159	A	V
													V
													V
		5924.825	61.2	-27	88.2	44.66	34.3	11.89	29.65	100	114	P	H
		5922.7	52.15	-16.05	68.2	35.61	34.3	11.89	29.65	100	114	A	H
	*	6185	104.57	-	-	87.97	34.2	12.18	29.78	100	114	P	H
	*	6185	94.54	-	-	77.94	34.2	12.18	29.78	100	114	A	H
802.11ax													H
HE160 Full													H
CH 47		5871.275	56.88	-31.32	88.2	40.48	34.19	11.85	29.64	100	88	P	V
6185MHz		5918.45	48	-20.2	68.2	31.46	34.3	11.89	29.65	100	88	A	V
	*	6185	101.64	-	-	85.04	34.2	12.18	29.78	100	88	P	V
	*	6185	92.44	-	-	75.84	34.2	12.18	29.78	100	88	A	V
													V
													V

		5844.34	54.9	-33.3	88.2	38.62	34.08	11.83	29.63	100	344	P	H
		5875.3	44.77	-23.43	68.2	28.35	34.2	11.86	29.64	100	344	A	H
	*	6345	102.26	-	-	85.39	34.49	12.26	29.88	100	344	P	H
	*	6345	92.65	-	-	75.78	34.49	12.26	29.88	100	344	A	H
802.11ax													H
HE160 Full													H
CH 79		5866.915	55.53	-32.67	88.2	39.15	34.17	11.85	29.64	100	252	P	V
6345MHz		5886.265	44.26	-23.94	68.2	27.79	34.25	11.86	29.64	100	252	A	V
	*	6345	101.98	-	-	85.11	34.49	12.26	29.88	100	252	P	V
	*	6345	91.16	-	-	74.29	34.49	12.26	29.88	100	252	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. 4+8	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)
		12048	47.68	-26.32	74	56.91	39.15	17.79	66.17	-	-	P	H
		18075	42.37	-31.63	74	64.07	37.62	-3.47	55.85	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 15		12048	47.92	-26.08	74	57.15	39.15	17.79	66.17	-	-	P	V
6025MHz		18075	41.81	-32.19	74	63.51	37.62	-3.47	55.85	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	47.62	-26.38	74	56.36	39.13	18.06	65.93	-	-	P	H
		18555	52.58	-21.42	74	73.32	37.94	-3.11	55.57	100	307	P	H
		18555	45.55	-8.45	54	66.29	37.94	-3.11	55.57	100	307	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 47		12370	47.22	-26.78	74	55.96	39.13	18.06	65.93	-	-	P	V
6185MHz		18555	53.62	-20.38	74	74.36	37.94	-3.11	55.57	100	12	P	V
		18555	47.56	-6.44	54	68.3	37.94	-3.11	55.57	100	12	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	47.9	-26.1	74	55.86	39.48	18.33	65.77	-	-	P	H
		19035	56.05	-17.95	74	76.02	38.01	-2.69	55.29	100	124	P	H
		19035	49.46	-4.54	54	69.43	38.01	-2.69	55.29	100	124	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 79		12690	47.89	-26.11	74	55.85	39.48	18.33	65.77	-	-	P	V
6345MHz		19035	56.28	-17.72	74	76.25	38.01	-2.69	55.29	100	352	P	V
		19035	48.74	-5.26	54	68.71	38.01	-2.69	55.29	100	352	A	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 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 117 6535MHz	*	6535	105.55	-	-	87.5	35.51	12.52	29.98	100	344	P	H
	*	6535	98.8	-	-	80.75	35.51	12.52	29.98	100	344	A	H
		7180.05	59.4	-28.8	88.2	39.5	36.92	13.08	30.1	100	344	P	H
		7217.75	49.37	-18.83	68.2	29.34	37.07	13.08	30.12	100	344	A	H
													H
													H
	*	6535	106.29	-	-	88.24	35.51	12.52	29.98	104	235	P	V
	*	6535	98.86	-	-	80.81	35.51	12.52	29.98	104	235	A	V
		7222.825	59.15	-29.05	88.2	39.11	37.09	13.07	30.12	104	235	P	V
		7214.125	49.15	-19.05	68.2	29.12	37.06	13.08	30.11	104	235	A	V
													V
													V
802.11a CH 149 6695MHz	*	6695	105.92	-	-	87.25	36	12.68	30.01	100	258	P	H
	*	6695	98.63	-	-	79.96	36	12.68	30.01	100	258	A	H
		7222.825	58.8	-29.4	88.2	38.76	37.09	13.07	30.12	100	258	P	H
		7223.55	49.04	-19.16	68.2	29	37.09	13.07	30.12	100	258	A	H
													H
													H
	*	6695	106.36	-	-	87.69	36	12.68	30.01	100	302	P	V
	*	6695	99.02	-	-	80.35	36	12.68	30.01	100	302	A	V
		7129.3	58.97	-29.23	88.2	39.32	36.68	13.06	30.09	100	302	P	V
		7217.025	49.05	-19.15	68.2	29.02	37.07	13.08	30.12	100	302	A	V
													V
													V

802.11a CH 181 6855MHz	*	6855	107.54	-	-	88.87	35.9	12.8	30.03	100	250	P	H
	*	6855	100.22	-	-	81.55	35.9	12.8	30.03	100	250	A	H
		7157.575	59.73	-28.47	88.2	39.93	36.83	13.07	30.1	100	250	P	H
		7219.925	48.47	-19.73	68.2	28.44	37.08	13.07	30.12	100	250	A	H
													H
													H
	*	6855	105.24	-	-	86.57	35.9	12.8	30.03	399	33	P	V
	*	6855	97.77	-	-	79.1	35.9	12.8	30.03	399	33	A	V
		7145.975	58.94	-29.26	88.2	39.18	36.78	13.07	30.09	399	33	P	V
		7185.85	48.42	-19.78	68.2	28.51	36.94	13.08	30.11	399	33	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 (Harmonic @ 3m)

WIFI Ant. 4+8	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)
802.11a CH 117 6535MHz		13070	50.62	-37.58	88.2	57.67	39.96	18.66	65.67	-	-	P	H
		19605	64.03	-9.97	74	84.31	37.74	-2.96	55.06	100	6	P	H
		19605	50.68	-3.32	54	70.96	37.74	-2.96	55.06	100	6	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13070	53.05	-35.15	88.2	60.1	39.96	18.66	65.67	-	-	P	V
		19605	61.71	-12.29	74	81.99	37.74	-2.96	55.06	100	321	P	V
		19605	47.69	-6.31	54	67.97	37.74	-2.96	55.06	100	321	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	50.97	-23.03	74	57.15	40.47	19	65.65	100	327	P	H
		13390	41.04	-12.96	54	47.22	40.47	19	65.65	100	327	A	H
		20085	64	-10	74	84.37	37.6	-3.07	54.9	100	360	P	H
		20085	49.14	-4.86	54	69.51	37.6	-3.07	54.9	100	360	A	H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 149 6695MHz													H
		13390	52.12	-21.88	74	58.3	40.47	19	65.65	100	91	P	V
		13390	41.96	-12.04	54	48.14	40.47	19	65.65	100	91	A	V
		20085	63.59	-10.41	74	83.96	37.6	-3.07	54.9	100	339	P	V
		20085	47.59	-6.41	54	67.96	37.6	-3.07	54.9	100	339	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	50.54	-37.66	88.2	56.31	40.6	19.32	65.69	-	-	P	H
		20565	61.45	-12.55	74	82.38	37.95	-3.99	54.89	100	61	P	H
		20565	49.83	-4.17	54	70.76	37.95	-3.99	54.89	100	61	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 181 6855MHz		13710	51.57	-36.63	88.2	57.34	40.6	19.32	65.69	-	-	P	V
		20565	58.88	-15.12	74	79.81	37.95	-3.99	54.89	100	9	P	V
		20565	46.03	-7.97	54	66.96	37.95	-3.99	54.89	100	9	A	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 HE20 Full (Band Edge @ 3m)

WIFI Ant. 4+8	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)
	*	6535	106.24	-	-	88.19	35.51	12.52	29.98	100	344	P	H
	*	6535	96.38	-	-	78.33	35.51	12.52	29.98	100	344	A	H
		7165.55	59.22	-28.98	88.2	39.39	36.86	13.07	30.1	100	344	P	H
		7215.575	48.59	-19.61	68.2	28.56	37.06	13.08	30.11	100	344	A	H
802.11ax													H
HE20 Full													H
CH 117	*	6535	104.74	-	-	86.69	35.51	12.52	29.98	386	27	P	V
6535MHz	*	6535	94.69	-	-	76.64	35.51	12.52	29.98	386	27	A	V
		7211.225	58.57	-29.63	88.2	38.56	37.04	13.08	30.11	386	27	P	V
		7220.65	48.66	-19.54	68.2	28.63	37.08	13.07	30.12	386	27	A	V
													V
													V
	*	6695	108.27	-	-	89.6	36	12.68	30.01	100	328	P	H
	*	6695	97.81	-	-	79.14	36	12.68	30.01	100	328	A	H
		7139.45	58.88	-29.32	88.2	39.17	36.74	13.06	30.09	100	328	P	H
		7213.4	48.7	-19.5	68.2	28.68	37.05	13.08	30.11	100	328	A	H
802.11ax													H
HE20 Full													H
CH 149	*	6695	105.6	-	-	86.93	36	12.68	30.01	100	146	P	V
6695MHz	*	6695	95.81	-	-	77.14	36	12.68	30.01	100	146	A	V
		7209.05	58.38	-29.82	88.2	38.37	37.04	13.08	30.11	100	146	P	V
		7203.975	48.88	-19.32	68.2	28.88	37.02	13.09	30.11	100	146	A	V
													V
													V

	*	6855	107.97	-	-	89.3	35.9	12.8	30.03	100	249	P	H
	*	6855	97.71	-	-	79.04	35.9	12.8	30.03	100	249	A	H
		7224.275	58.78	-29.42	88.2	38.73	37.1	13.07	30.12	100	249	P	H
		7217.025	48.71	-19.49	68.2	28.68	37.07	13.08	30.12	100	249	A	H
802.11ax													H
HE20 Full													H
CH 181	*	6855	108.89	-	-	90.22	35.9	12.8	30.03	100	304	P	V
6855MHz	*	6855	98.31	-	-	79.64	35.9	12.8	30.03	100	304	A	V
		7186.575	58.67	-29.53	88.2	38.75	36.95	13.08	30.11	100	304	P	V
		7192.375	48.66	-19.54	68.2	28.71	36.97	13.09	30.11	100	304	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 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+8	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	51.23	-36.97	88.2	58.28	39.96	18.66	65.67	-	-	P	H
		19605	60	-14	74	80.2	37.74	-2.96	54.98	150	10	P	H
		19605	50.15	-3.85	54	70.35	37.74	-2.96	54.98	150	10	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 117		13070	53.36	-34.84	88.2	60.41	39.96	18.66	65.67	-	-	P	V
6535MHz		19605	56.99	-17.01	74	77.19	37.74	-2.96	54.98	150	321	P	V
		19605	46.63	-7.37	54	66.83	37.74	-2.96	54.98	150	321	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	51.7	-22.3	74	57.88	40.47	19	65.65	100	106	P	H
		13390	41.06	-12.94	54	47.24	40.47	19	65.65	100	106	A	H
		20085	59.43	-14.57	74	79.8	37.6	-3.07	54.9	150	5	P	H
		20085	50.64	-3.36	54	71.01	37.6	-3.07	54.9	150	5	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 149		13390	52.02	-21.98	74	58.2	40.47	19	65.65	100	70	P	V
6695MHz		13390	41.83	-12.17	54	48.01	40.47	19	65.65	100	70	A	V
		20085	58.14	-15.86	74	78.51	37.6	-3.07	54.9	150	338	P	V
		20085	47.28	-6.72	54	67.65	37.6	-3.07	54.9	150	338	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	50.39	-37.81	88.2	56.16	40.6	19.32	65.69	-	-	P	H
		20565	58.63	-15.37	74	79.54	37.95	-3.99	54.87	150	339	P	H
		20565	49.54	-4.46	54	70.45	37.95	-3.99	54.87	150	339	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 181		13710	51.51	-36.69	88.2	57.28	40.6	19.32	65.69	-	-	P	V
6855MHz		20565	53.81	-20.19	74	74.72	37.95	-3.99	54.87	150	337	P	V
		20565	46.16	-7.84	54	67.07	37.95	-3.99	54.87	150	337	A	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 (Band Edge @ 3m)

WIFI Ant. 4+8	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)
	*	6565	105.1	-	-	86.82	35.69	12.58	29.99	100	344	P	H
	*	6565	94.77	-	-	76.49	35.69	12.58	29.99	100	344	A	H
		7201.075	58.4	-29.8	88.2	38.42	37	13.09	30.11	100	344	P	H
		7221.375	48.79	-19.41	68.2	28.75	37.09	13.07	30.12	100	344	A	H
802.11ax													H
HE40 Full													H
CH 123	*	6565	104.48	-	-	86.2	35.69	12.58	29.99	100	142	P	V
6565MHz	*	6565	94.26	-	-	75.98	35.69	12.58	29.99	100	142	A	V
		7196.725	58.48	-29.72	88.2	38.51	36.99	13.09	30.11	100	142	P	V
		7203.25	48.7	-19.5	68.2	28.71	37.01	13.09	30.11	100	142	A	V
													V
													V
	*	6685	105.65	-	-	86.99	36	12.67	30.01	100	327	P	H
	*	6685	95.46	-	-	76.8	36	12.67	30.01	100	327	A	H
		7213.4	58.17	-30.03	88.2	38.15	37.05	13.08	30.11	100	327	P	H
		7218.475	48.35	-19.85	68.2	28.32	37.07	13.08	30.12	100	327	A	H
802.11ax													H
HE40 Full													H
CH 147	*	6685	105.79	-	-	87.13	36	12.67	30.01	100	302	P	V
6685MHz	*	6685	94.78	-	-	76.12	36	12.67	30.01	100	302	A	V
		7144.525	58.58	-29.62	88.2	38.83	36.77	13.07	30.09	100	302	P	V
		7209.775	48.48	-19.72	68.2	28.47	37.04	13.08	30.11	100	302	A	V
													V
													V

	*	6845	106.28	-	-	87.62	35.91	12.78	30.03	100	250	P	H
	*	6845	96.34	-	-	77.68	35.91	12.78	30.03	100	250	A	H
		7204.7	58.72	-29.48	88.2	38.72	37.02	13.09	30.11	100	250	P	H
		7210.5	48.07	-20.13	68.2	28.06	37.04	13.08	30.11	100	250	A	H
802.11ax													H
HE40 Full													H
CH 179	*	6845	106.74	-	-	88.08	35.91	12.78	30.03	100	304	P	V
6845MHz	*	6845	97.05	-	-	78.39	35.91	12.78	30.03	100	304	A	V
		7183.675	58.67	-29.53	88.2	38.77	36.93	13.08	30.11	100	304	P	V
		7211.225	48.26	-19.94	68.2	28.25	37.04	13.08	30.11	100	304	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 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+8	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	49.73	-38.47	88.2	56.7	39.96	18.73	65.66	-	-	P	H
		19695	61.52	-12.48	74	81.64	37.78	-2.94	54.96	150	7	P	H
		19695	50.33	-3.67	54	70.45	37.78	-2.94	54.96	150	7	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 123		13130	50.21	-37.99	88.2	57.18	39.96	18.73	65.66	-	-	P	V
6565MHz		19695	58.01	-15.99	74	78.13	37.78	-2.94	54.96	150	319	P	V
		19695	47.94	-6.06	54	68.06	37.78	-2.94	54.96	150	319	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	51.29	-22.71	74	57.57	40.41	18.97	65.66	190	335	P	H
		13370	40.79	-13.21	54	47.07	40.41	18.97	65.66	190	335	A	H
		20055	60.48	-13.52	74	80.8	37.57	-2.99	54.9	150	4	P	H
		20055	49.79	-4.21	54	70.11	37.57	-2.99	54.9	150	4	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 147		13370	51.33	-22.67	74	57.61	40.41	18.97	65.66	100	70	P	V
6685MHz		13370	41.34	-12.66	54	47.62	40.41	18.97	65.66	100	70	A	V
		20055	60.26	-13.74	74	80.58	37.57	-2.99	54.9	150	337	P	V
		20055	47.89	-6.11	54	68.21	37.57	-2.99	54.9	150	337	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	49.6	-38.6	88.2	55.37	40.61	19.3	65.68	-	-	P	H
		20535	57.58	-16.42	74	78.55	37.97	-4.05	54.89	150	340	P	H
		20535	49.49	-4.51	54	70.46	37.97	-4.05	54.89	150	340	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 179		13690	50.22	-37.98	88.2	55.99	40.61	19.3	65.68	-	-	P	V
6845MHz		20535	56.35	-17.65	74	77.32	37.97	-4.05	54.89	150	337	P	V
		20535	46.89	-7.11	54	67.86	37.97	-4.05	54.89	150	337	A	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 (Band Edge @ 3m)

WIFI Ant. 4+8	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)
	*	6625	100.93	-	-	82.33	35.95	12.65	30	100	327	P	H
	*	6625	91.43	-	-	72.83	35.95	12.65	30	100	327	A	H
		7222.825	57.9	-30.3	88.2	37.86	37.09	13.07	30.12	100	327	P	H
		7221.375	48	-20.2	68.2	27.96	37.09	13.07	30.12	100	327	A	H
802.11ax													H
HE80 Full													H
CH 135	*	6625	101.73	-	-	83.13	35.95	12.65	30	100	302	P	V
6625MHz	*	6625	90.93	-	-	72.33	35.95	12.65	30	100	302	A	V
		7171.35	57.94	-30.26	88.2	38.07	36.89	13.08	30.1	100	302	P	V
		7219.2	48.05	-20.15	68.2	28.02	37.08	13.07	30.12	100	302	A	V
													V
													V
	*	6705	101.67	-	-	82.99	36.01	12.68	30.01	100	254	P	H
	*	6705	92.31	-	-	73.63	36.01	12.68	30.01	100	254	A	H
		7211.95	58	-30.2	88.2	37.98	37.05	13.08	30.11	100	254	P	H
		7204.7	48.87	-19.33	68.2	28.87	37.02	13.09	30.11	100	254	A	H
802.11ax													H
HE80 Full													H
CH 151	*	6705	101.78	-	-	83.1	36.01	12.68	30.01	100	302	P	V
6705MHz	*	6705	92.9	-	-	74.22	36.01	12.68	30.01	100	302	A	V
		7188.025	57.94	-30.26	88.2	38.02	36.95	13.08	30.11	100	302	P	V
		7212.675	48.92	-19.28	68.2	28.9	37.05	13.08	30.11	100	302	A	V
													V
													V

	*	6785	103.85	-	-	85.13	36.03	12.71	30.02	100	253	P	H
	*	6785	93.44	-	-	74.72	36.03	12.71	30.02	100	253	A	H
		7167	58.24	-29.96	88.2	38.39	36.87	13.08	30.1	100	253	P	H
		7219.925	47.98	-20.22	68.2	27.95	37.08	13.07	30.12	100	253	A	H
802.11ax													H
HE80 Full													H
CH 167	*	6785	104.85	-	-	86.13	36.03	12.71	30.02	100	304	P	V
6785MHz	*	6785	93.68	-	-	74.96	36.03	12.71	30.02	100	304	A	V
		7174.25	57.57	-30.63	88.2	37.69	36.9	13.08	30.1	100	304	P	V
		7217.025	47.93	-20.27	68.2	27.9	37.07	13.08	30.12	100	304	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 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+8	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	51.03	-22.97	74	57.69	40.15	18.85	65.66	100	321	P	H
		13250	41.24	-12.76	54	47.9	40.15	18.85	65.66	100	321	A	H
		19875	58.27	-15.73	74	78.43	37.65	-2.88	54.93	150	8	P	H
		19875	49.95	-4.05	54	70.11	37.65	-2.88	54.93	150	8	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 135		13250	51.27	-22.73	74	57.93	40.15	18.85	65.66	100	251	P	V
6625MHz		13250	42.06	-11.94	54	48.72	40.15	18.85	65.66	100	251	A	V
		19875	54.88	-19.12	74	75.04	37.65	-2.88	54.93	150	335	P	V
		19875	45.57	-8.43	54	65.73	37.65	-2.88	54.93	150	335	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	49.5	-38.7	88.2	55.62	40.51	19.02	65.65	-	-	P	H
		20115	60.34	-13.66	74	80.74	37.64	-3.14	54.9	150	5	P	H
		20115	49.61	-4.39	54	70.01	37.64	-3.14	54.9	150	5	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 151		13410	49.32	-38.88	88.2	55.44	40.51	19.02	65.65	-	-	P	V
6705MHz		20115	57.83	-16.17	74	78.23	37.64	-3.14	54.9	150	337	P	V
		20115	46.72	-7.28	54	67.12	37.64	-3.14	54.9	150	337	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+8	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	49.3	-38.9	88.2	55.12	40.67	19.17	65.66	-	-	P	H
		20355	60.72	-13.28	74	81.49	37.88	-3.75	54.9	150	4	P	H
		20355	50.64	-3.36	54	71.41	37.88	-3.75	54.9	150	4	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 167		13570	49.32	-38.88	88.2	55.14	40.67	19.17	65.66	-	-	P	V
6785MHz		20355	58.84	-15.16	74	79.61	37.88	-3.75	54.9	150	337	P	V
		20355	49.73	-4.27	54	70.5	37.88	-3.75	54.9	150	337	A	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 (Band Edge @ 3m)

WIFI Ant. 4+8	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)
	*	6665	100.11	-	-	81.44	36	12.67	30	100	326	P	H
	*	6665	90.51	-	-	71.84	36	12.67	30	100	326	A	H
		7194.55	57.48	-30.72	88.2	37.52	36.98	13.09	30.11	100	326	P	H
		7224.275	49.37	-18.83	68.2	29.32	37.1	13.07	30.12	100	326	A	H
802.11ax													H
HE160 Full													H
CH 143	*	6665	99.8	-	-	81.13	36	12.67	30	100	301	P	V
6665MHz	*	6665	89.96	-	-	71.29	36	12.67	30	100	301	A	V
		7195.275	58.29	-29.91	88.2	38.33	36.98	13.09	30.11	100	301	P	V
		7217.75	48.9	-19.3	68.2	28.87	37.07	13.08	30.12	100	301	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 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+8	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)
		13328	50.38	-23.62	74	56.83	40.28	18.93	65.66	200	244	P	H
		13328	40.48	-13.52	54	46.93	40.28	18.93	65.66	200	244	A	H
		19995	61.2	-12.8	74	81.44	37.51	-2.85	54.9	150	5	P	H
		19995	49.99	-4.01	54	70.23	37.51	-2.85	54.9	150	5	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 143		13330	49.61	-24.39	74	56.05	40.29	18.93	65.66	100	217	P	V
6665MHz		13330	40.25	-13.75	54	46.69	40.29	18.93	65.66	100	217	A	V
		19995	58.96	-15.04	74	79.2	37.51	-2.85	54.9	150	336	P	V
		19995	48.8	-5.2	54	69.04	37.51	-2.85	54.9	150	336	A	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.

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.	
4+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full LF		30.97	22.01	-17.99	40	29.73	23.91	0.55	32.18	-	-	P	H
		96.93	26.73	-16.77	43.5	41.94	15.52	1.52	32.25	-	-	P	H
		478.14	25.61	-20.39	46	31.26	23.51	3.36	32.52	-	-	P	H
		633.34	28.26	-17.74	46	30.95	26.02	3.9	32.61	-	-	P	H
		843.83	32.66	-13.34	46	31.65	28.6	4.54	32.13	-	-	P	H
		954.41	33.86	-12.14	46	30.11	30.24	4.81	31.3	-	-	P	H
													H
													H
													H
													H
													H
													H
		33.88	25.55	-14.45	40	34.56	22.58	0.61	32.2	-	-	P	V
		95.96	23.4	-20.1	43.5	38.79	15.35	1.51	32.25	-	-	P	V
		180.35	25.26	-18.24	43.5	40.43	15.04	2.11	32.32	-	-	P	V
		582.9	27.52	-18.48	46	31.05	25.32	3.76	32.61	-	-	P	V
		794.36	31.97	-14.03	46	32.5	27.51	4.38	32.42	-	-	P	V
		931.13	33.61	-12.39	46	30.83	29.52	4.75	31.49	-	-	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.	
4+8		(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) – 74(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) – 54(dBμV/m)

= -24.66(dB)

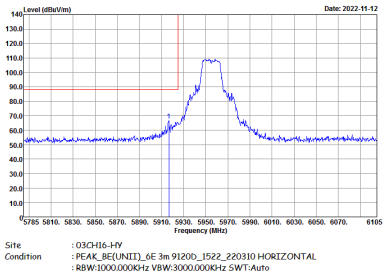
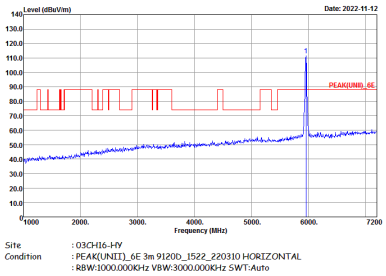
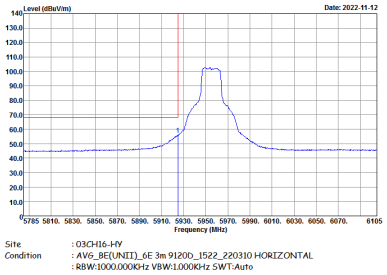
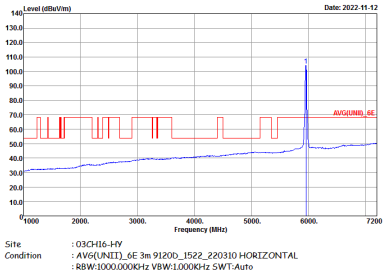
Both peak and average measured complies with the limit line, so test result is "PASS".

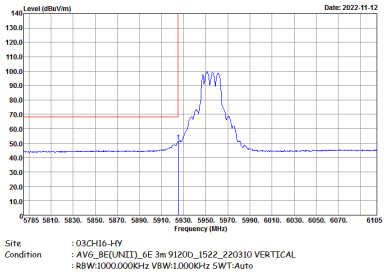
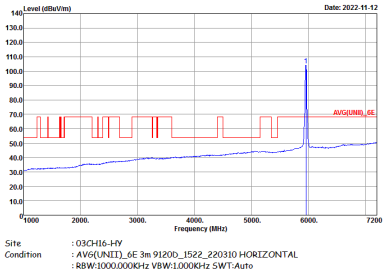
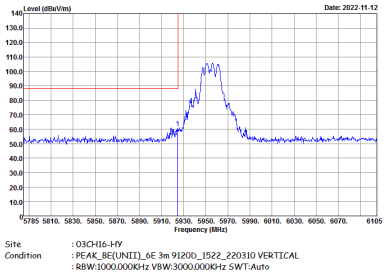
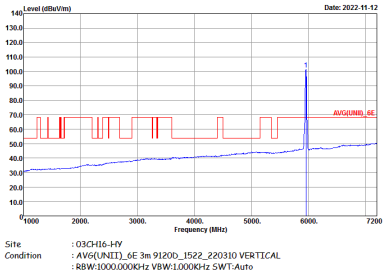
Appendix D. Radiated Spurious Emission Plots

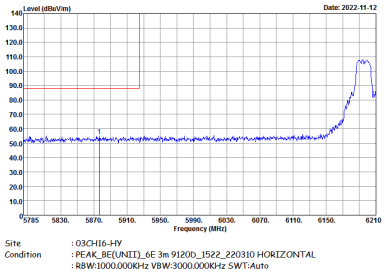
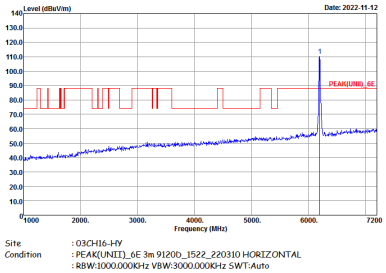
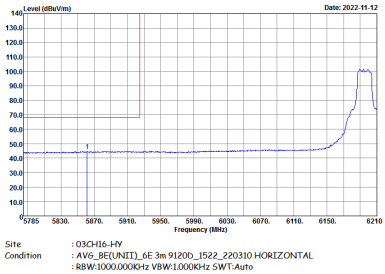
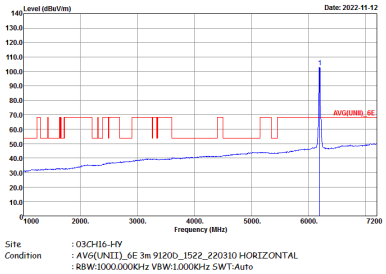
Test Engineer :	Karl Hou and Andy Yang	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

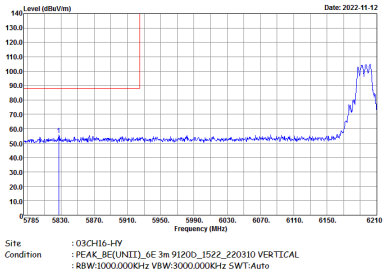
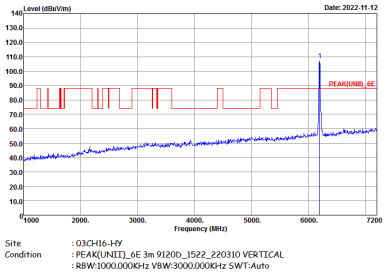
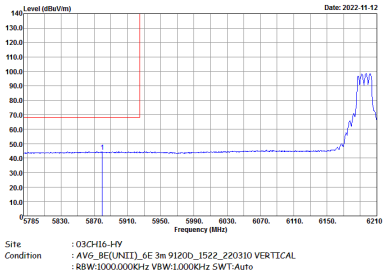
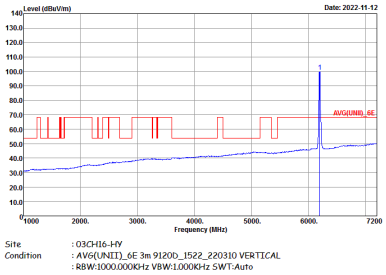
Band 5 - 5925~6425MHz

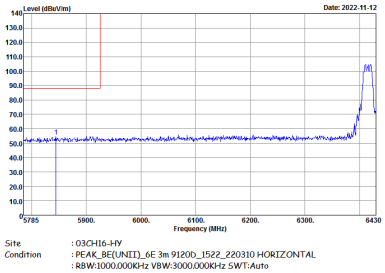
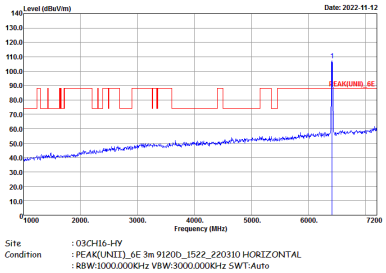
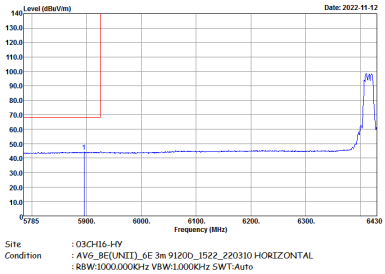
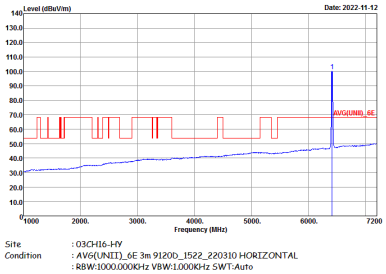
WIFI 802.11a (Band Edge @ 3m)

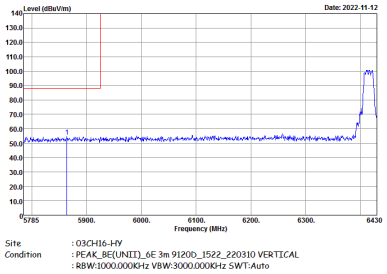
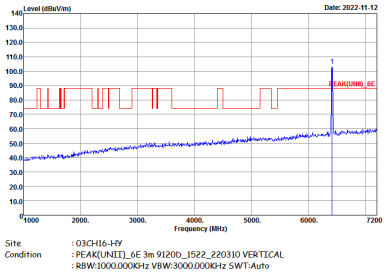
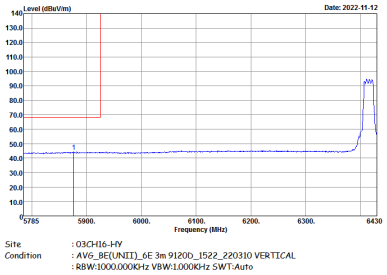
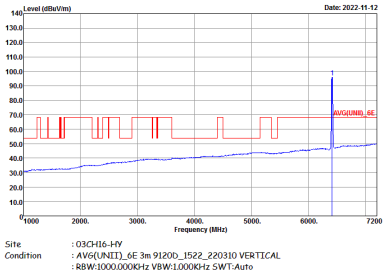
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

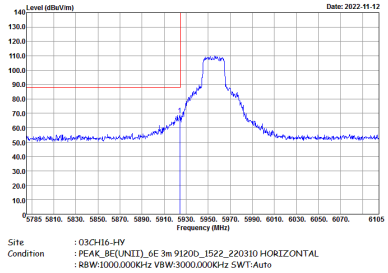
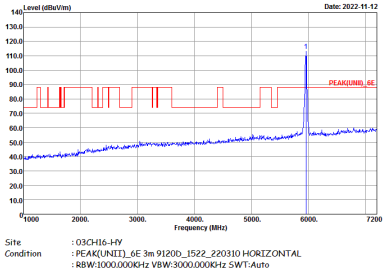
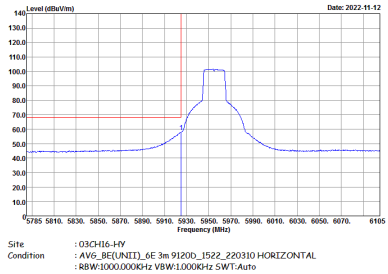
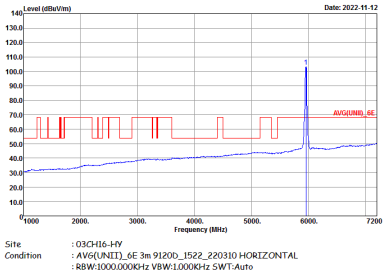
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH49 6195MHz	
4+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

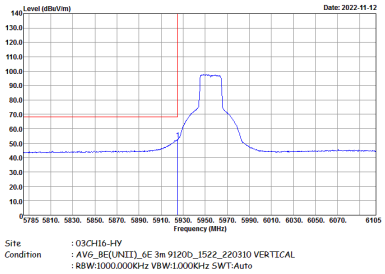
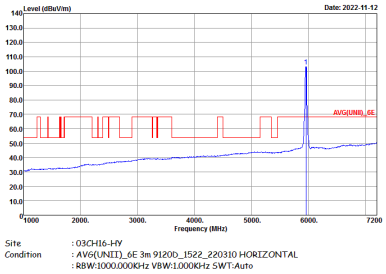
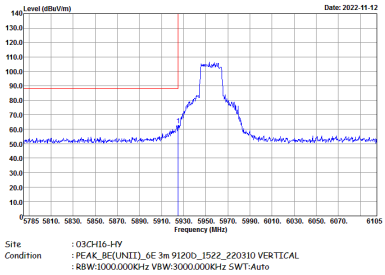
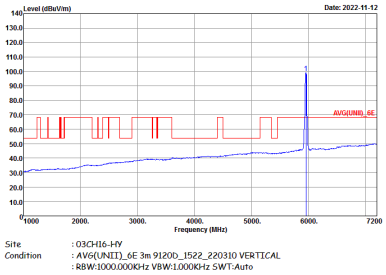
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH49 6195MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

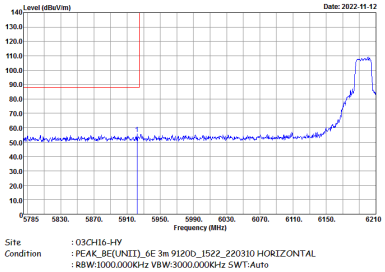
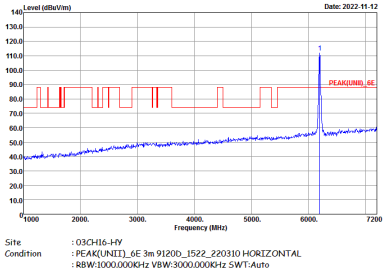
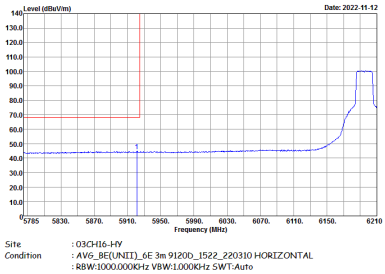
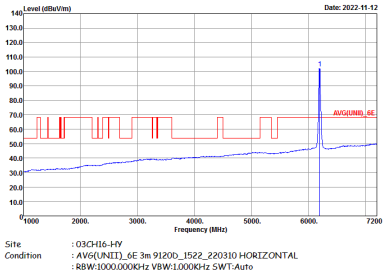
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH93 6415MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

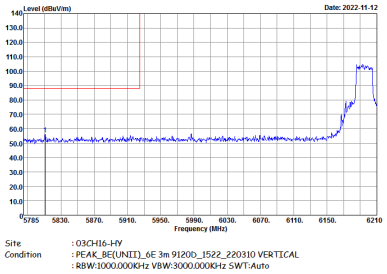
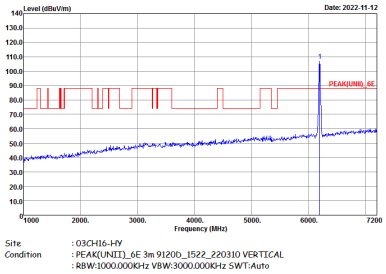
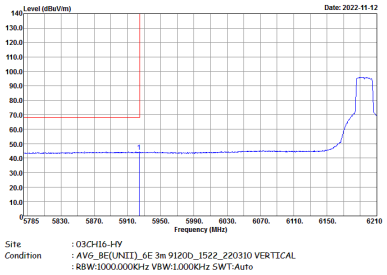
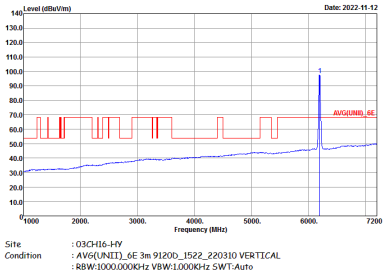
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH93 6415MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

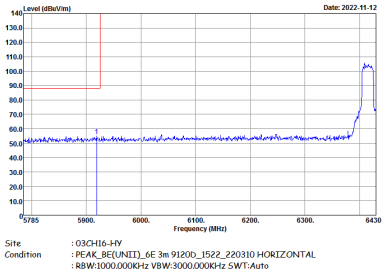
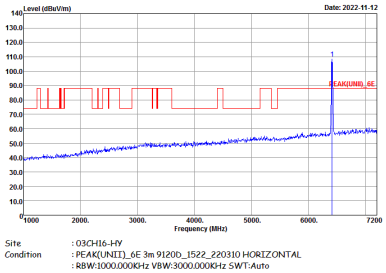
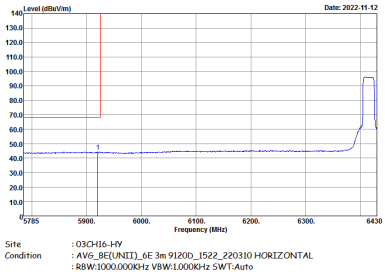
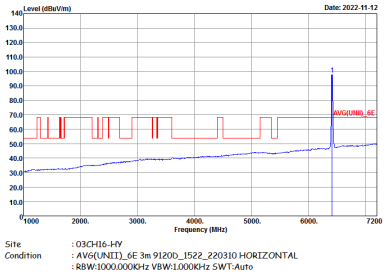
Band 5 5925~6425MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

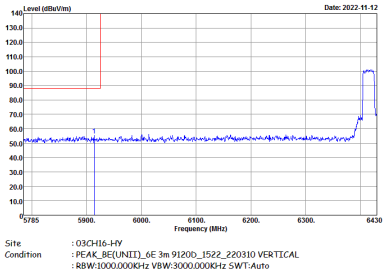
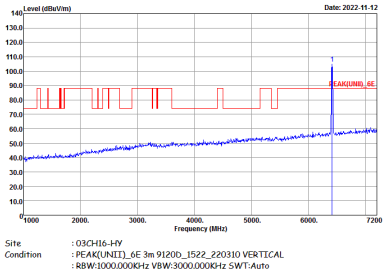
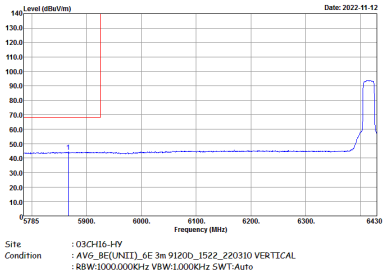
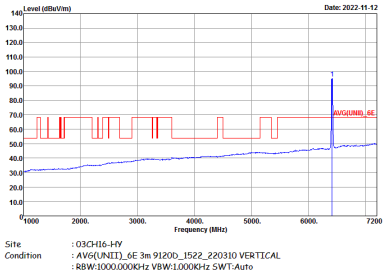
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : AVG_BE(UNII)_6E 3m 9120D_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNII)_6E 3m 9120D_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

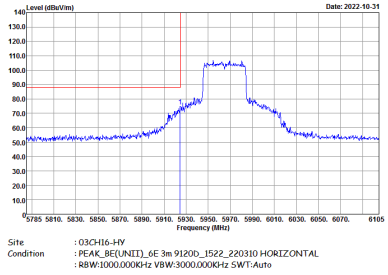
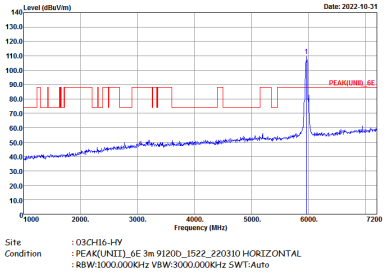
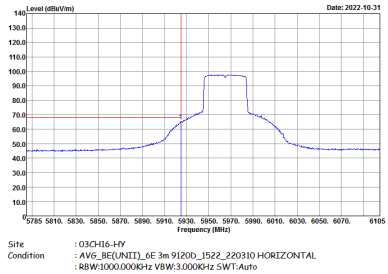
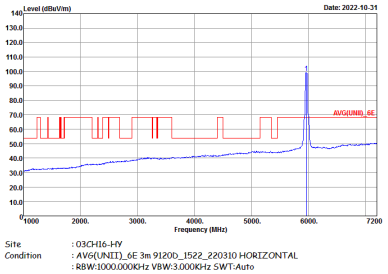
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

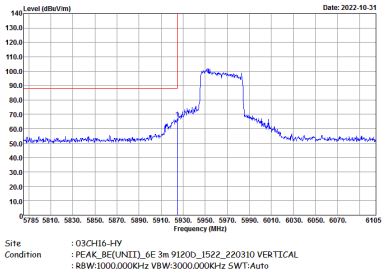
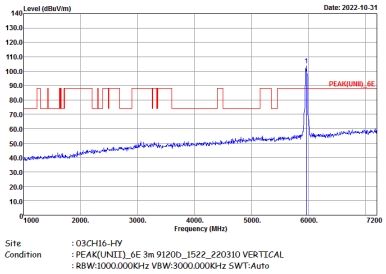
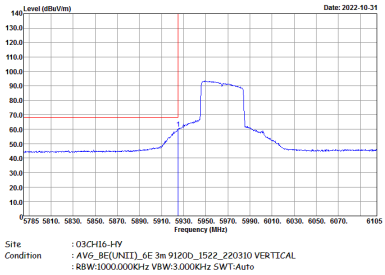
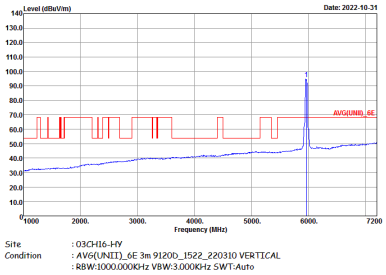
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

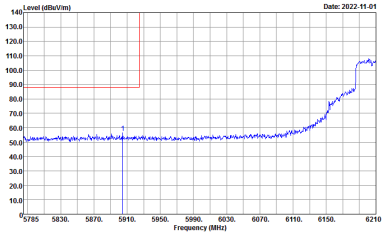
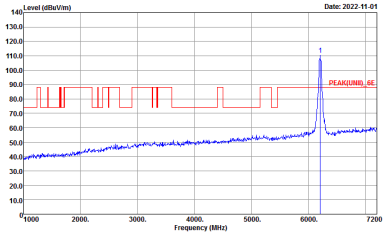
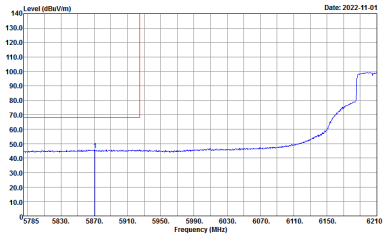
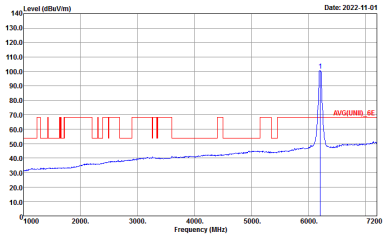
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

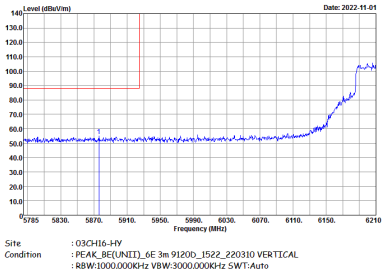
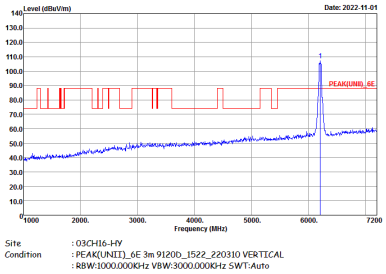
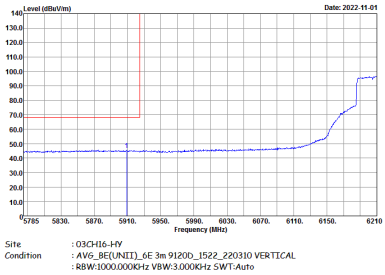
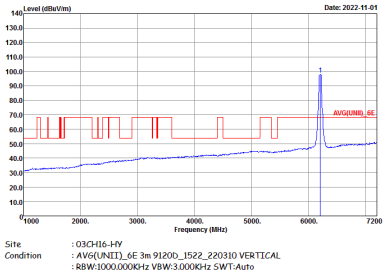
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

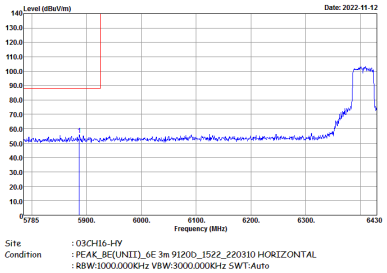
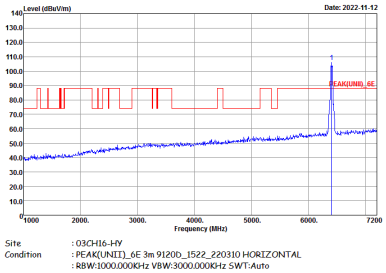
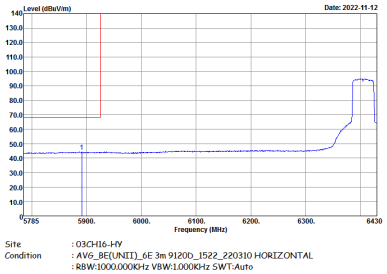
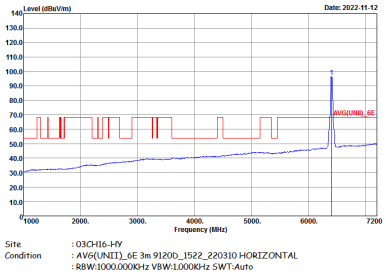
Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

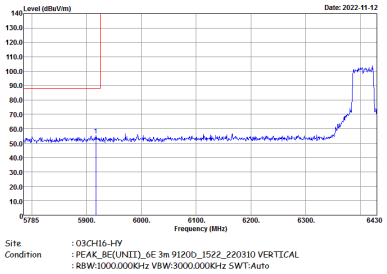
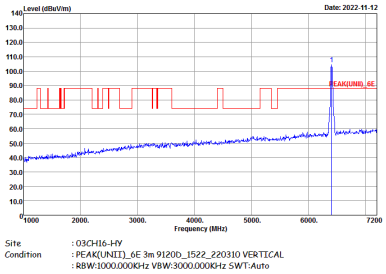
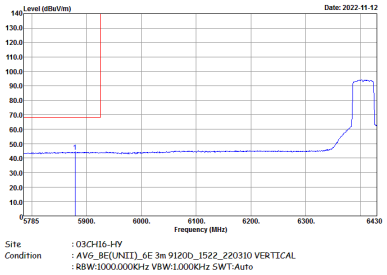
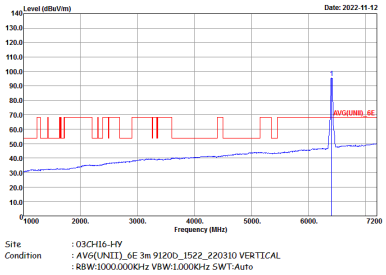
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

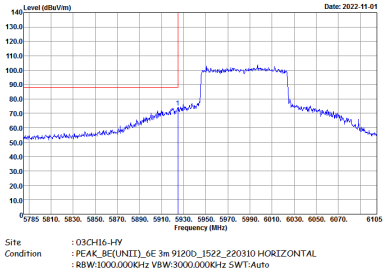
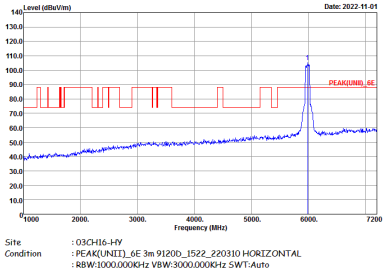
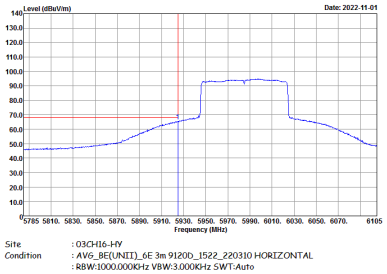
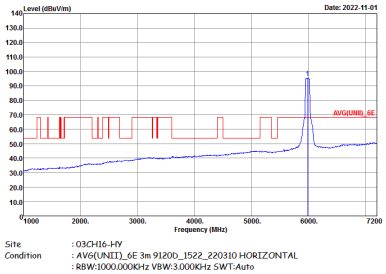
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto

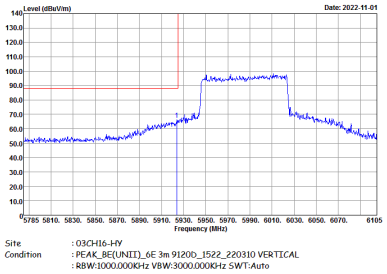
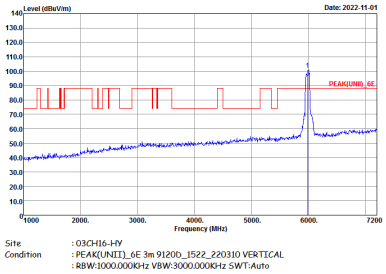
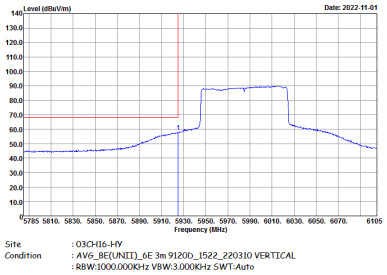
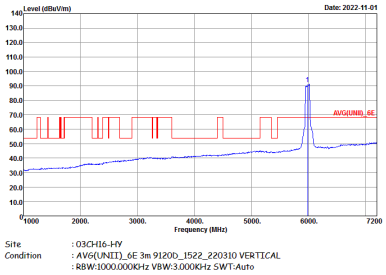
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

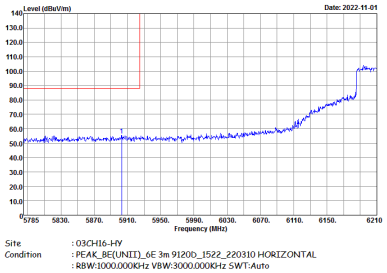
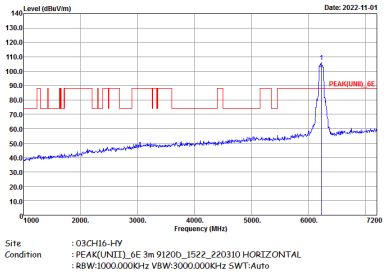
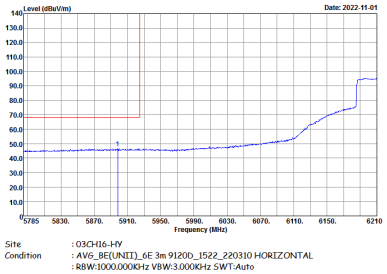
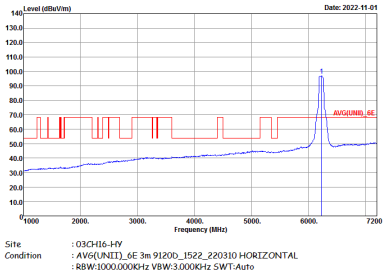
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

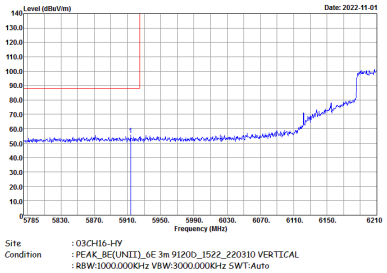
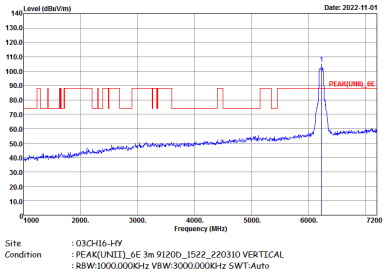
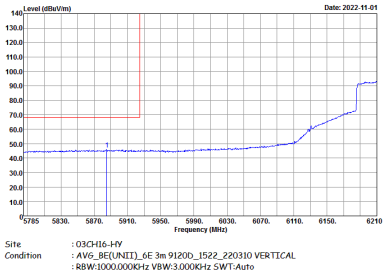
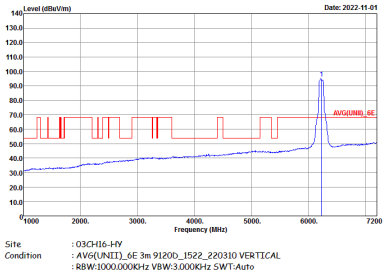
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

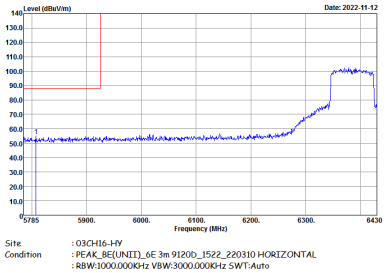
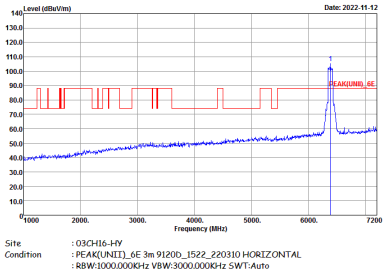
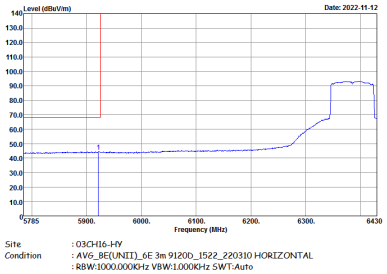
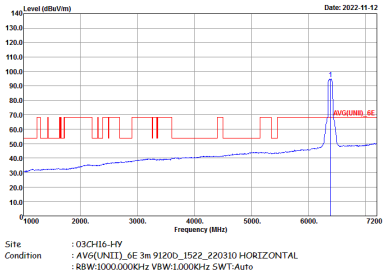
Band 5 5925~6425MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

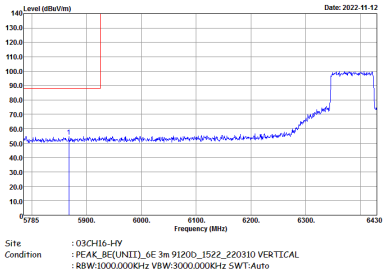
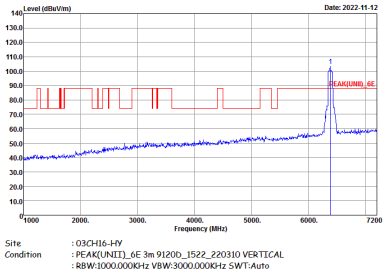
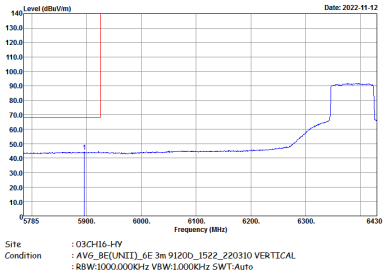
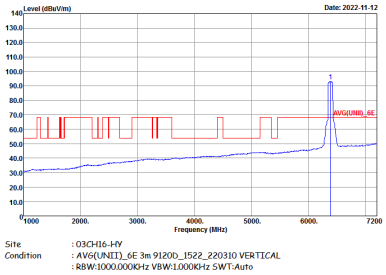
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

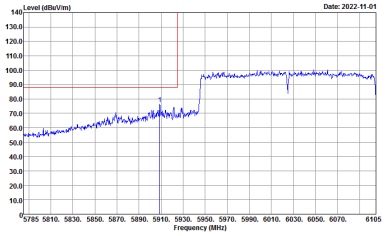
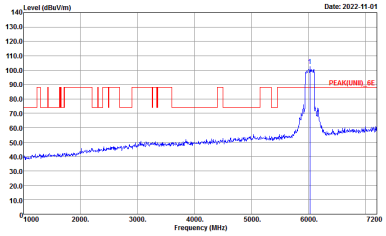
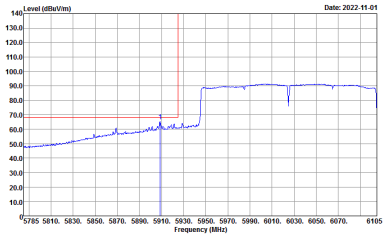
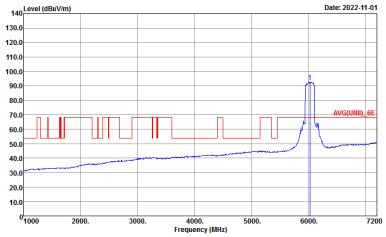
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG(UNII)_6E 3m 9120D_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto

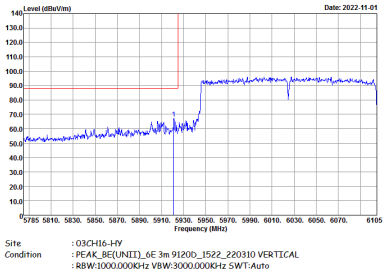
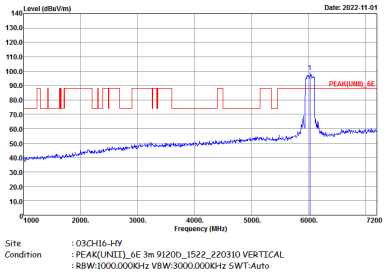
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
4+8	Vertical	Fundamental
Peak		
Avg.		

Band 5 5925~6425MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+8	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+8	Vertical	Fundamental
Peak		
Avg.