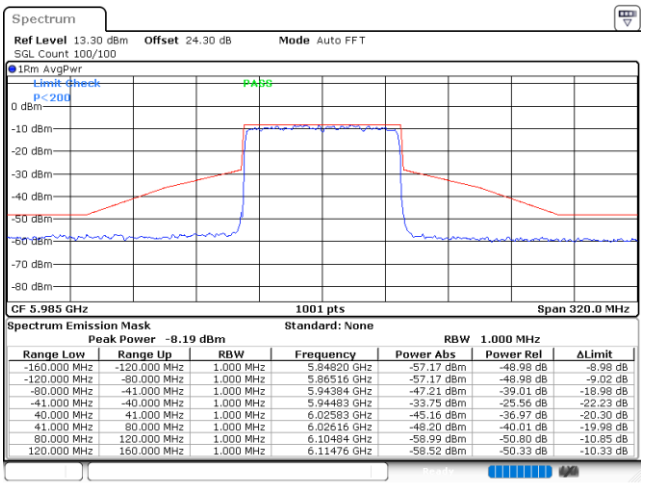
EUT Mode :	802.11ax HE80

Plot on Channel 5985MHz

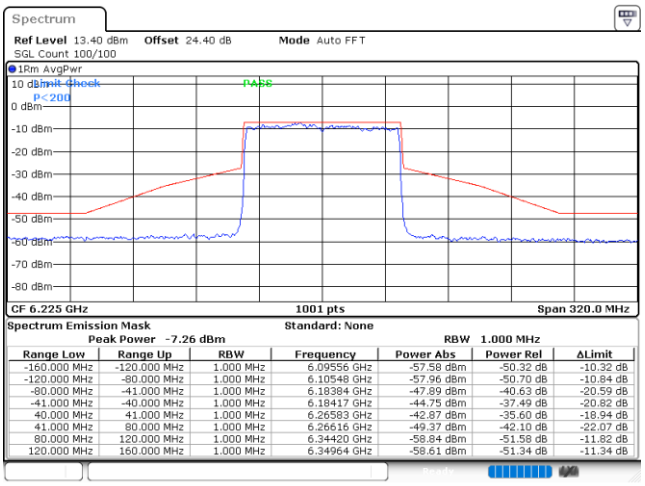


Spectrum Emission Mask Standard: None
Peak Power -8.19 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	5.84820 GHz	-57.17 dBm	-48.98 dB	-8.98 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	5.86516 GHz	-57.17 dBm	-48.98 dB	-9.02 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	5.94384 GHz	-47.21 dBm	-39.01 dB	-18.98 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	5.94483 GHz	-33.75 dBm	-25.56 dB	-22.23 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.02583 GHz	-45.16 dBm	-36.97 dB	-20.30 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.02616 GHz	-48.20 dBm	-40.01 dB	-19.98 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.10484 GHz	-58.99 dBm	-50.80 dB	-10.85 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.11476 GHz	-58.52 dBm	-50.33 dB	-10.33 dB

Date: 26.JUN.2021 14:42:06

Plot on Channel 6225MHz

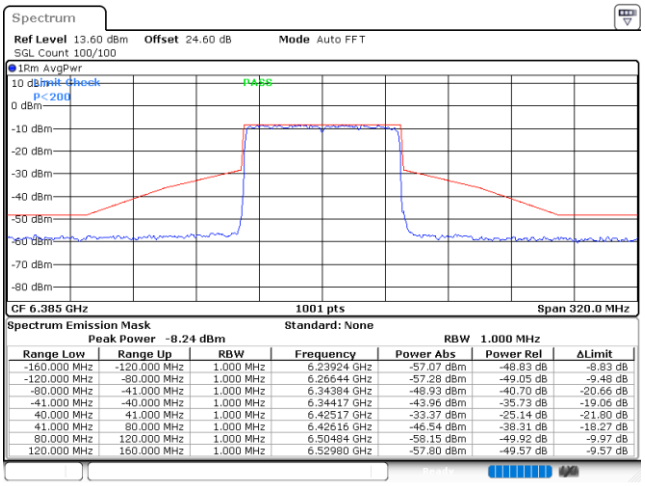


Spectrum Emission Mask Standard: None
Peak Power -7.26 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.09556 GHz	-57.58 dBm	-50.32 dB	-10.32 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.10548 GHz	-57.96 dBm	-50.70 dB	-10.84 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.18384 GHz	-47.89 dBm	-40.63 dB	-20.59 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.18417 GHz	-44.75 dBm	-37.49 dB	-20.82 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.26583 GHz	-42.87 dBm	-35.60 dB	-18.94 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.26616 GHz	-49.37 dBm	-42.10 dB	-22.07 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.34420 GHz	-58.84 dBm	-51.58 dB	-11.82 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.34964 GHz	-58.61 dBm	-51.34 dB	-11.34 dB

Date: 26.JUN.2021 14:40:40

Plot on Channel 6385MHz



Spectrum Emission Mask Standard: None
Peak Power -8.24 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.23924 GHz	-57.07 dBm	-48.83 dB	-8.83 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.26644 GHz	-57.28 dBm	-49.05 dB	-9.48 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.34384 GHz	-48.93 dBm	-40.70 dB	-20.66 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.34417 GHz	-43.96 dBm	-35.73 dB	-19.06 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.42517 GHz	-33.37 dBm	-25.14 dB	-21.80 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.42616 GHz	-46.54 dBm	-38.31 dB	-18.27 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.50484 GHz	-58.15 dBm	-49.92 dB	-9.97 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.52980 GHz	-57.80 dBm	-49.57 dB	-9.57 dB

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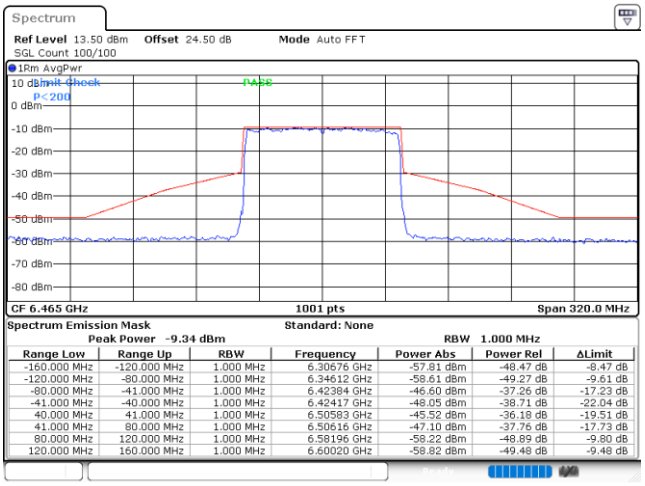
Plot on Channel 6465MHz



Spectrum Emission Mask Standard: None
Peak Power -9.34 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.30676 GHz	-57.81 dBm	-48.47 dB	-8.47 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.34612 GHz	-58.61 dBm	-49.27 dB	-9.61 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.42384 GHz	-46.60 dBm	-37.26 dB	-17.23 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.42417 GHz	-48.05 dBm	-38.71 dB	-22.04 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.50583 GHz	-45.52 dBm	-36.18 dB	-19.51 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.50616 GHz	-47.10 dBm	-37.76 dB	-17.73 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.58196 GHz	-58.22 dBm	-48.89 dB	-9.80 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.60020 GHz	-58.82 dBm	-49.48 dB	-9.48 dB

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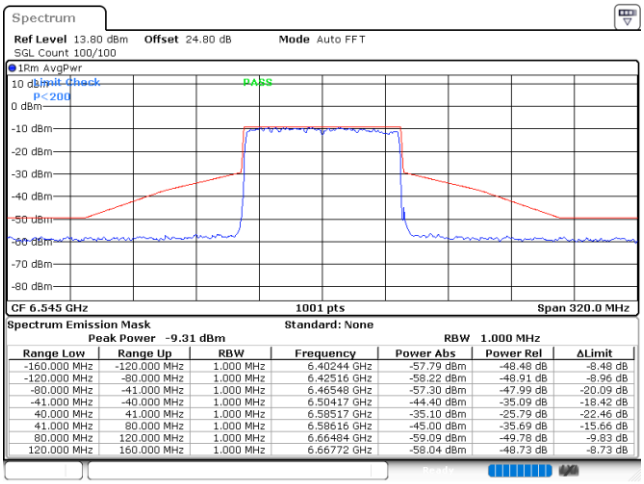
Plot on Channel 6545MHz

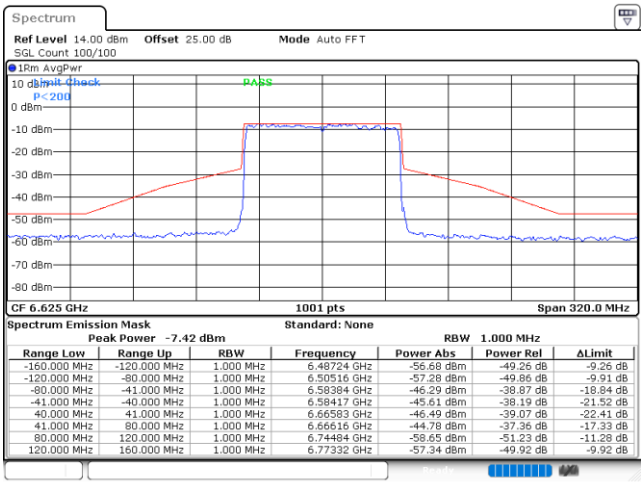


Spectrum Emission Mask Standard: None
Peak Power -9.31 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.40244 GHz	-57.79 dBm	-48.48 dB	-8.48 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.42516 GHz	-58.22 dBm	-48.91 dB	-8.96 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.46548 GHz	-57.30 dBm	-47.99 dB	-20.09 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.50417 GHz	-44.40 dBm	-35.09 dB	-18.42 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.58517 GHz	-35.10 dBm	-25.79 dB	-22.46 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.58616 GHz	-45.00 dBm	-35.69 dB	-15.66 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.66484 GHz	-59.09 dBm	-49.78 dB	-9.83 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.66772 GHz	-58.04 dBm	-48.73 dB	-8.73 dB

Date: 26.JUN.2021 14:36:44

Plot on Channel 6625MHz

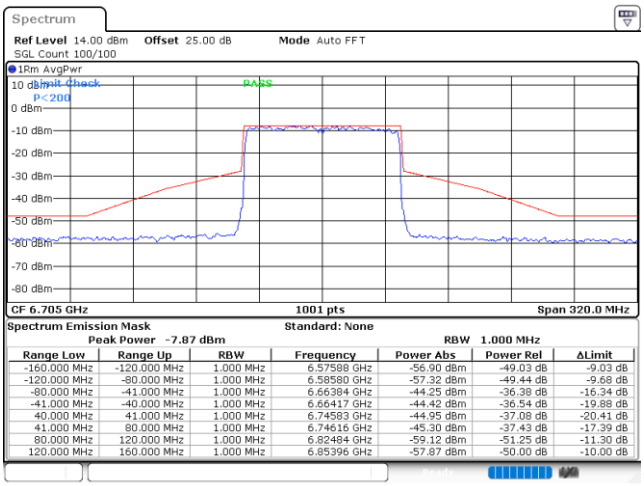


Spectrum Emission Mask Standard: None
Peak Power -7.42 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.48724 GHz	-56.68 dBm	-49.26 dB	-9.26 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.50516 GHz	-57.28 dBm	-49.86 dB	-9.91 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.58384 GHz	-46.29 dBm	-38.87 dB	-18.84 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.58417 GHz	-45.61 dBm	-38.19 dB	-21.52 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.66583 GHz	-46.49 dBm	-39.07 dB	-22.41 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.66616 GHz	-44.78 dBm	-37.36 dB	-17.33 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.74484 GHz	-58.65 dBm	-51.23 dB	-11.28 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.77332 GHz	-57.34 dBm	-49.92 dB	-9.92 dB

Date: 26.JUN.2021 14:34:46

Plot on Channel 6705MHz



Spectrum Emission Mask Standard: None
Peak Power -7.87 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.57588 GHz	-56.90 dBm	-49.03 dB	-9.03 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.58580 GHz	-57.32 dBm	-49.44 dB	-9.68 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.66384 GHz	-44.25 dBm	-36.38 dB	-16.34 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.66417 GHz	-44.42 dBm	-36.54 dB	-19.88 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.74583 GHz	-44.95 dBm	-37.08 dB	-20.41 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.74616 GHz	-45.30 dBm	-37.43 dB	-17.39 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.82484 GHz	-59.12 dBm	-51.25 dB	-11.30 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.85396 GHz	-57.87 dBm	-50.00 dB	-10.00 dB

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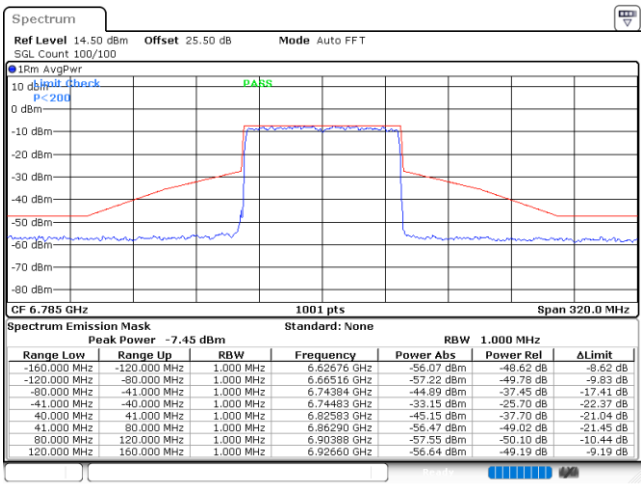
Plot on Channel 6785MHz

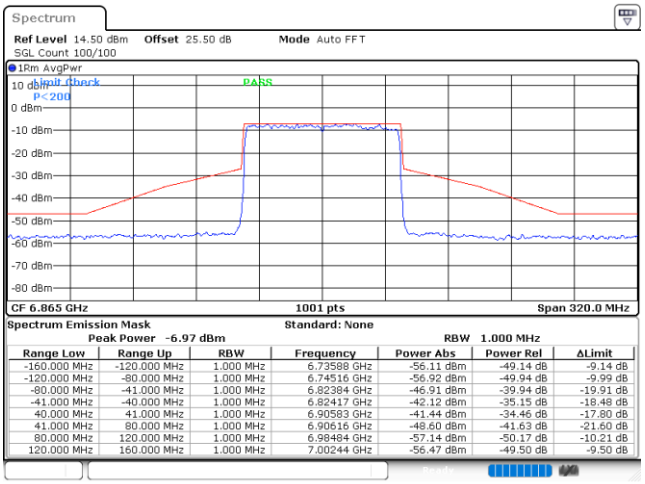


Spectrum Emission Mask Standard: None
Peak Power -7.45 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.62676 GHz	-56.07 dBm	-48.62 dB	-8.62 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.66516 GHz	-57.22 dBm	-49.78 dB	-9.83 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.74384 GHz	-44.89 dBm	-37.45 dB	-17.41 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.74483 GHz	-33.15 dBm	-25.70 dB	-22.37 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.82583 GHz	-45.15 dBm	-37.70 dB	-21.04 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.86290 GHz	-56.47 dBm	-49.02 dB	-21.45 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.90388 GHz	-57.55 dBm	-50.10 dB	-10.44 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.92660 GHz	-56.64 dBm	-49.19 dB	-9.19 dB

Date: 26.JUN.2021 14:30:06

Plot on Channel 6865MHz

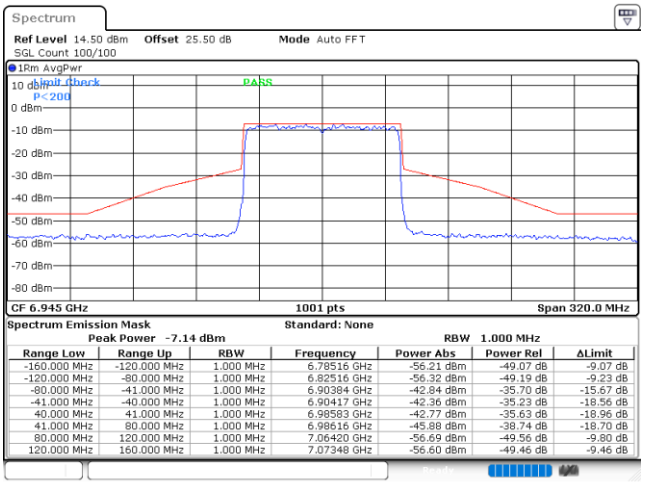


Spectrum Emission Mask Standard: None
Peak Power -6.97 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.73588 GHz	-56.11 dBm	-49.14 dB	-9.14 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.74516 GHz	-56.92 dBm	-49.94 dB	-9.99 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.82384 GHz	-46.91 dBm	-39.94 dB	-19.91 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.82417 GHz	-42.12 dBm	-35.15 dB	-18.48 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.90583 GHz	-41.44 dBm	-34.46 dB	-17.80 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.90616 GHz	-48.60 dBm	-41.63 dB	-21.60 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.98484 GHz	-57.14 dBm	-50.17 dB	-10.21 dB
120.000 MHz	160.000 MHz	1.000 MHz	7.00244 GHz	-56.47 dBm	-49.50 dB	-9.50 dB

Date: 26.JUN.2021 14:29:01

Plot on Channel 6945MHz

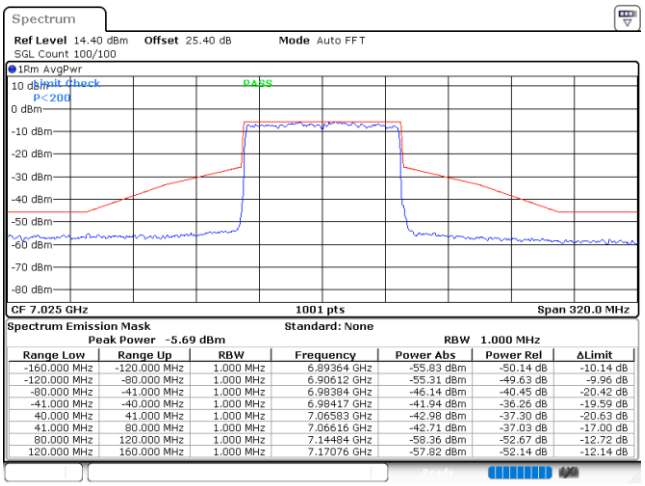


Spectrum Emission Mask Standard: None
Peak Power -7.14 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.78516 GHz	-56.21 dBm	-49.07 dB	-9.07 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.82516 GHz	-56.32 dBm	-49.19 dB	-9.23 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.90384 GHz	-42.84 dBm	-35.70 dB	-15.67 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.90417 GHz	-42.36 dBm	-35.23 dB	-18.56 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.98583 GHz	-42.77 dBm	-35.63 dB	-18.96 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.98616 GHz	-45.88 dBm	-38.74 dB	-18.70 dB
80.000 MHz	120.000 MHz	1.000 MHz	7.06420 GHz	-56.69 dBm	-49.56 dB	-9.80 dB
120.000 MHz	160.000 MHz	1.000 MHz	7.07348 GHz	-56.60 dBm	-49.46 dB	-9.46 dB

Date: 26.JUN.2021 14:25:29

Plot on Channel 7025MHz



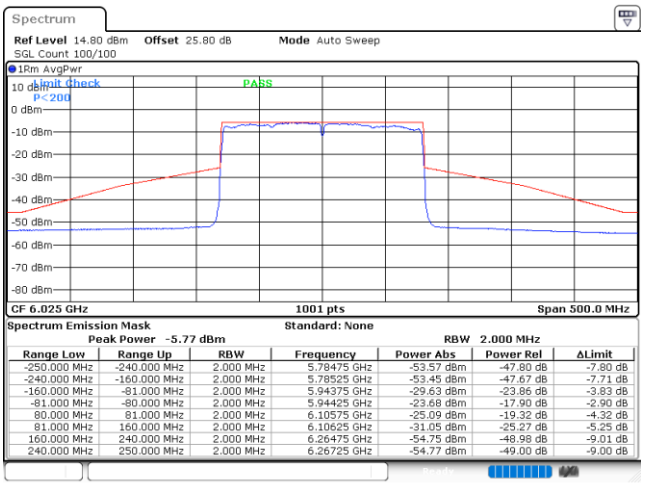
Spectrum Emission Mask Standard: None
Peak Power -5.69 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.89364 GHz	-55.83 dBm	-50.14 dB	-10.14 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.90612 GHz	-55.31 dBm	-49.63 dB	-9.96 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.98384 GHz	-46.14 dBm	-40.45 dB	-20.42 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.98417 GHz	-41.94 dBm	-36.26 dB	-19.59 dB
40.000 MHz	41.000 MHz	1.000 MHz	7.06583 GHz	-42.98 dBm	-37.30 dB	-20.63 dB
41.000 MHz	80.000 MHz	1.000 MHz	7.06616 GHz	-42.71 dBm	-37.03 dB	-17.00 dB
80.000 MHz	120.000 MHz	1.000 MHz	7.14484 GHz	-58.36 dBm	-52.67 dB	-12.72 dB
120.000 MHz	160.000 MHz	1.000 MHz	7.17076 GHz	-57.82 dBm	-52.14 dB	-12.14 dB

Date: 26.JUN.2021 14:21:58

EUT Mode :	802.11ax HE160

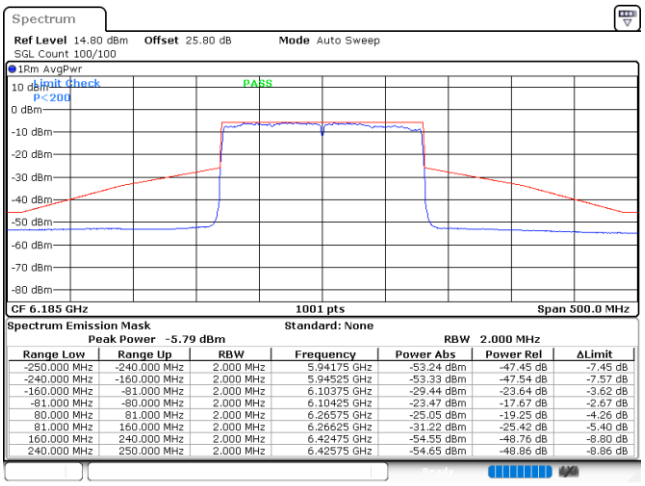
Plot on Channel 6025MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	5.78475 GHz	-53.57 dBm	-47.80 dB	-7.80 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	5.78525 GHz	-53.45 dBm	-47.67 dB	-7.71 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	5.94375 GHz	-29.63 dBm	-23.86 dB	-3.83 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	5.94425 GHz	-23.68 dBm	-17.90 dB	-2.90 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.10575 GHz	-25.09 dBm	-19.32 dB	-4.32 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.10625 GHz	-31.05 dBm	-25.27 dB	-5.25 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.26475 GHz	-54.75 dBm	-48.98 dB	-9.01 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.26725 GHz	-54.77 dBm	-49.00 dB	-9.00 dB

Date: 23.AUG.2021 18:01:56

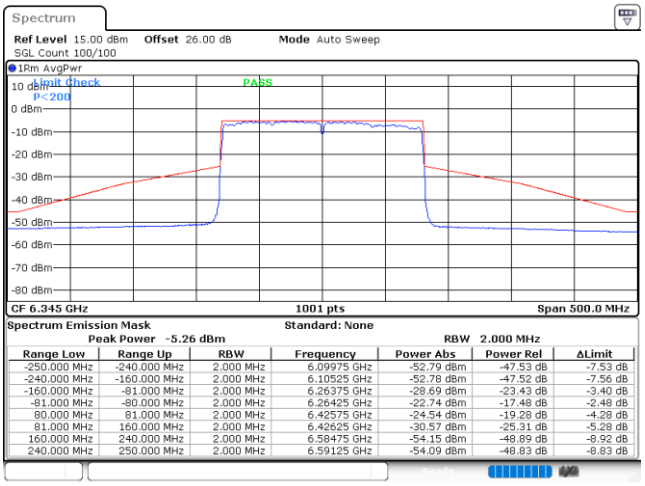
Plot on Channel 6185MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	5.94175 GHz	-53.24 dBm	-47.45 dB	-7.45 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	5.94525 GHz	-53.33 dBm	-47.54 dB	-7.57 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.10375 GHz	-29.44 dBm	-23.64 dB	-3.62 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.10425 GHz	-23.47 dBm	-17.67 dB	-2.67 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.26575 GHz	-25.05 dBm	-19.25 dB	-4.26 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.26625 GHz	-31.22 dBm	-25.42 dB	-5.40 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.42475 GHz	-54.55 dBm	-48.76 dB	-8.80 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.42575 GHz	-54.65 dBm	-48.86 dB	-8.86 dB

Date: 23.AUG.2021 18:13:29

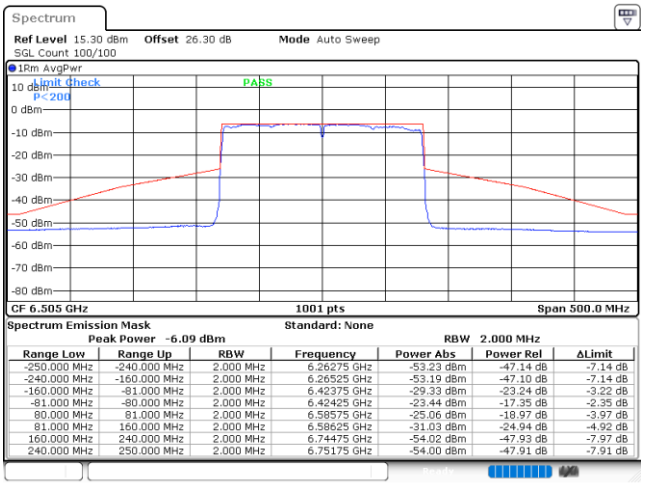
Plot on Channel 6345MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.09975 GHz	-52.79 dBm	-47.53 dB	-7.53 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.10525 GHz	-52.78 dBm	-47.52 dB	-7.56 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.26375 GHz	-28.69 dBm	-23.43 dB	-3.40 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.26425 GHz	-22.74 dBm	-17.48 dB	-2.48 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.42575 GHz	-24.54 dBm	-19.28 dB	-4.28 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.42625 GHz	-30.57 dBm	-25.31 dB	-5.28 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.58475 GHz	-54.15 dBm	-48.89 dB	-8.92 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.59125 GHz	-54.09 dBm	-48.83 dB	-8.83 dB

Date: 23.AUG.2021 18:25:02

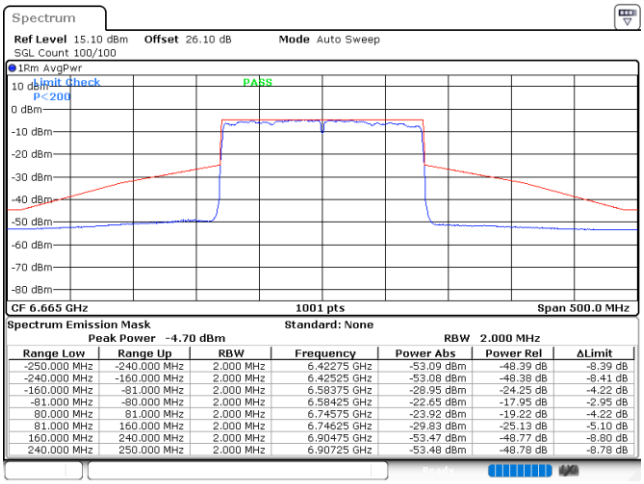
Plot on Channel 6505MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.26275 GHz	-53.23 dBm	-47.14 dB	-7.14 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.26525 GHz	-53.19 dBm	-47.10 dB	-7.14 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.42375 GHz	-29.33 dBm	-23.24 dB	-3.22 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.42425 GHz	-23.44 dBm	-17.35 dB	-2.35 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.58575 GHz	-25.06 dBm	-18.97 dB	-3.97 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.58625 GHz	-31.03 dBm	-24.94 dB	-4.92 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.74475 GHz	-54.02 dBm	-47.93 dB	-7.97 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.75175 GHz	-54.00 dBm	-47.91 dB	-7.91 dB

Date: 23.AUG.2021 18:35:25

Plot on Channel 6665MHz



Spectrum Emission Mask Standard: None
Peak Power -4.70 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.42275 GHz	-53.09 dBm	-48.39 dB	-8.39 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.42525 GHz	-53.08 dBm	-48.38 dB	-8.41 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.58375 GHz	-28.95 dBm	-24.25 dB	-4.22 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.58425 GHz	-22.65 dBm	-17.95 dB	-2.95 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.74575 GHz	-23.92 dBm	-19.22 dB	-4.22 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.74625 GHz	-29.83 dBm	-25.13 dB	-5.10 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.90475 GHz	-53.47 dBm	-48.77 dB	-8.80 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.90725 GHz	-53.48 dBm	-48.78 dB	-8.78 dB

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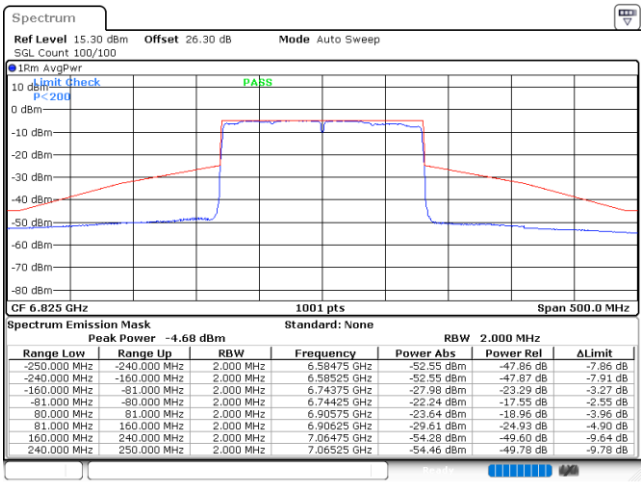
Plot on Channel 6825MHz



Spectrum Emission Mask Standard: None
Peak Power -4.68 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.58475 GHz	-52.55 dBm	-47.86 dB	-7.86 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.58525 GHz	-52.55 dBm	-47.87 dB	-7.91 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.74375 GHz	-27.98 dBm	-23.29 dB	-3.27 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.74425 GHz	-22.24 dBm	-17.55 dB	-2.55 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.90575 GHz	-23.64 dBm	-18.96 dB	-3.96 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.90625 GHz	-29.61 dBm	-24.93 dB	-4.90 dB
160.000 MHz	240.000 MHz	2.000 MHz	7.06475 GHz	-54.28 dBm	-49.60 dB	-9.64 dB
240.000 MHz	250.000 MHz	2.000 MHz	7.06525 GHz	-54.46 dBm	-49.78 dB	-9.78 dB

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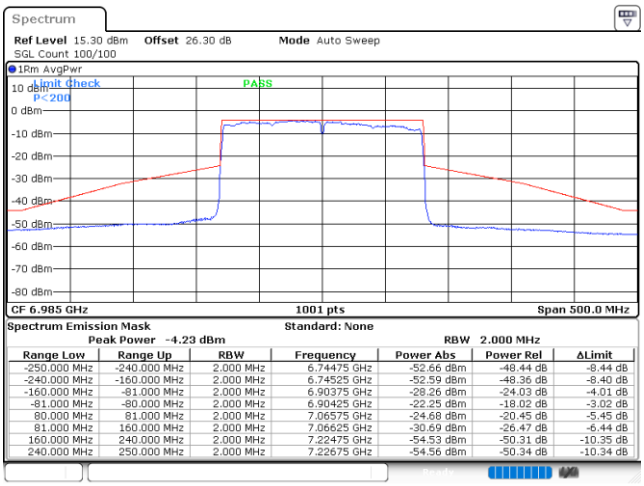
Plot on Channel 6985MHz



Spectrum Emission Mask Standard: None
Peak Power -4.23 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.74475 GHz	-52.66 dBm	-48.44 dB	-8.44 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.74525 GHz	-52.59 dBm	-48.36 dB	-8.40 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.90375 GHz	-28.26 dBm	-24.03 dB	-4.01 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.90425 GHz	-22.25 dBm	-18.02 dB	-3.02 dB
80.000 MHz	81.000 MHz	2.000 MHz	7.06575 GHz	-24.68 dBm	-20.45 dB	-5.45 dB
81.000 MHz	160.000 MHz	2.000 MHz	7.06625 GHz	-30.69 dBm	-26.47 dB	-6.44 dB
160.000 MHz	240.000 MHz	2.000 MHz	7.22475 GHz	-54.53 dBm	-50.31 dB	-10.35 dB
240.000 MHz	250.000 MHz	2.000 MHz	7.22675 GHz	-54.56 dBm	-50.34 dB	-10.34 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

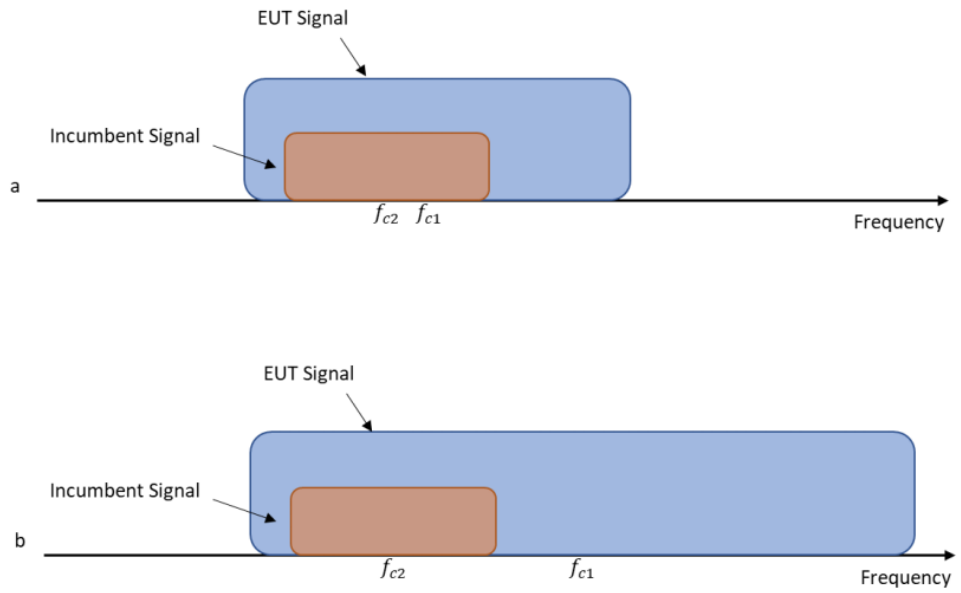


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

3.5.2 Measuring Instruments

See list of measuring equipment of 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

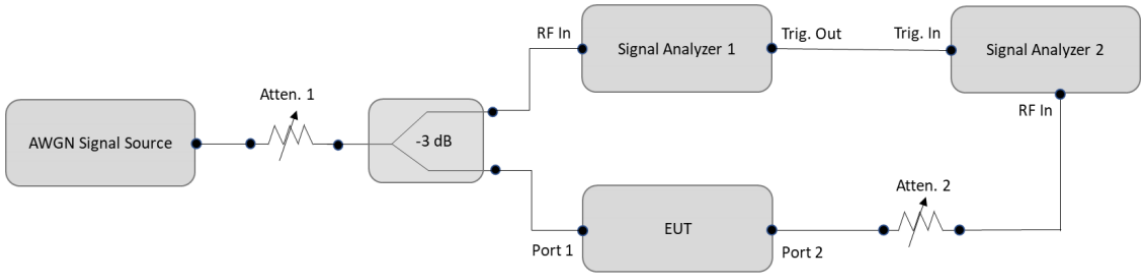


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

3.5.5 Support Unit used in test configuration and system

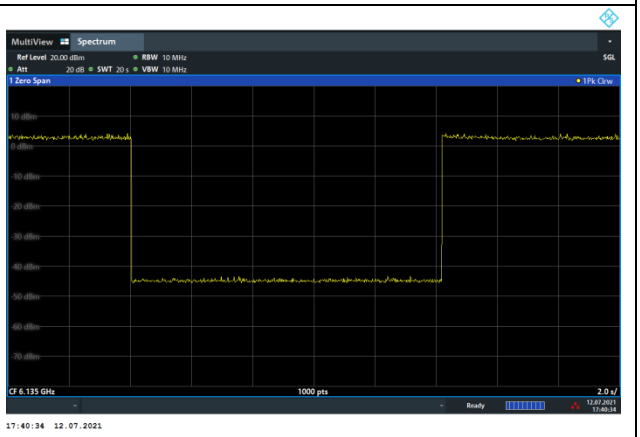
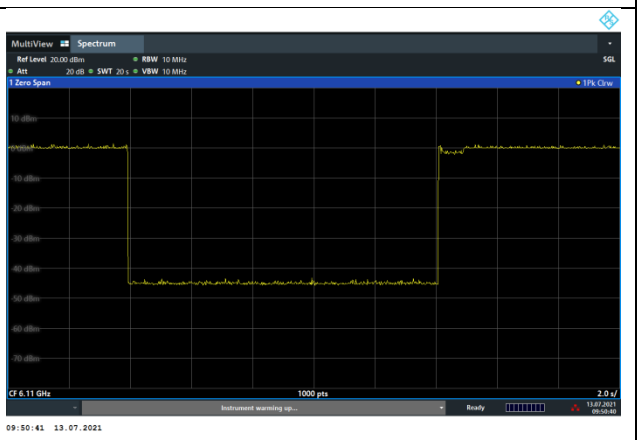
Instrument	Brand Name	Model No.	Characteristics
WLAN AP	ASUS	GT-AXE11000	Dual Band AP
Notebook	Acer	N15C1	LAN

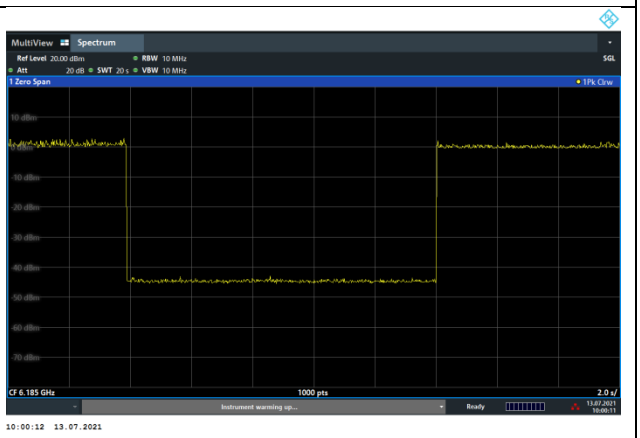
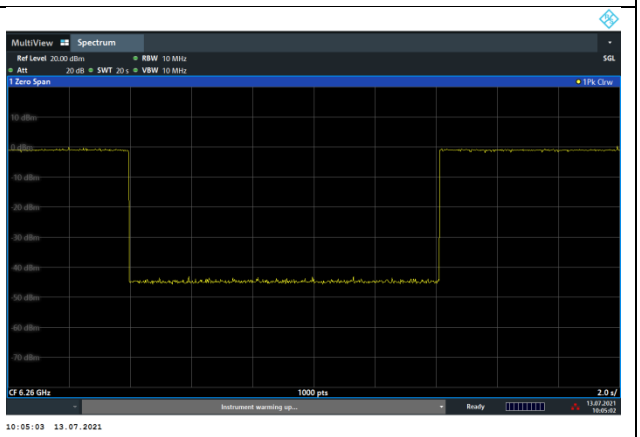
3.5.6 Test Summary of Contention Based Protocol Test

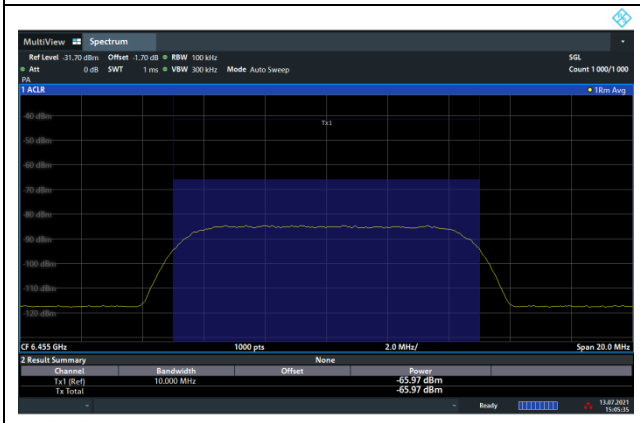
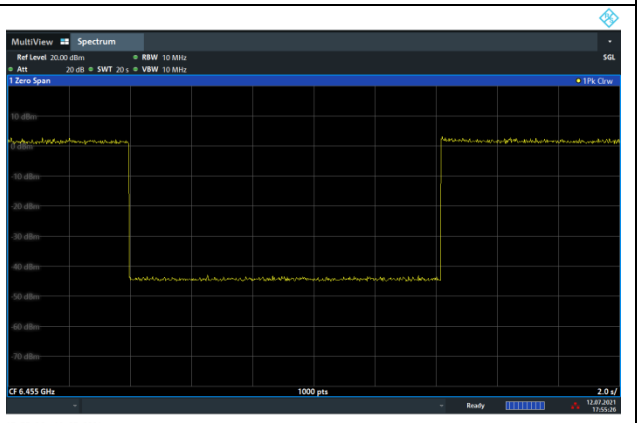
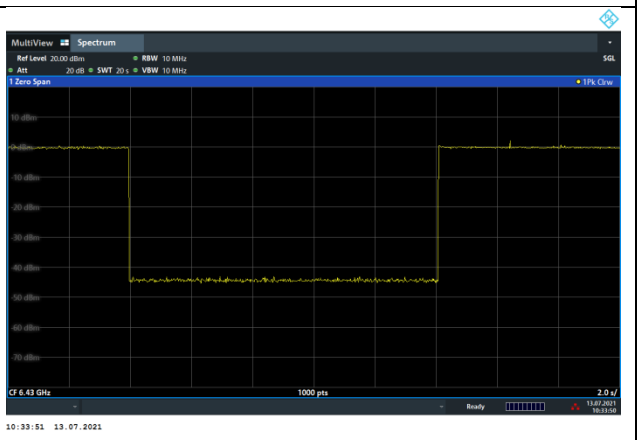
Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Measured Detection level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Margin (dB)
UNII Band 5	6135	20	6135	-64.32	100	-63	1.32
	6185	160	6110	-67.02	100	-63	4.02
			6185	-66.87	100	-63	3.87
			6260	-67	100	-63	4
UNII Band 6	6455	20	6455	-65.97	100	-61.9	4.07
	6505	160	6430	-66.7	100	-61.9	4.8
			6505	-66.6	100	-61.9	4.7
			6580	-66.8	100	-61.9	4.9
UNII Band 7	6695	20	6695	-64.94	100	-63.5	1.44
	6665	160	6590	-67.23	100	-63.5	3.73
			6665	-67.36	100	-63.5	3.86
			6740	-68.29	100	-63.5	4.79
UNII Band 8	7015	20	7015	-66.45	100	-64.8	1.65
	6985	160	6910	-68.51	100	-64.8	3.71
			6985	-67.47	100	-64.8	2.67
			7060	-67.55	100	-64.8	2.75

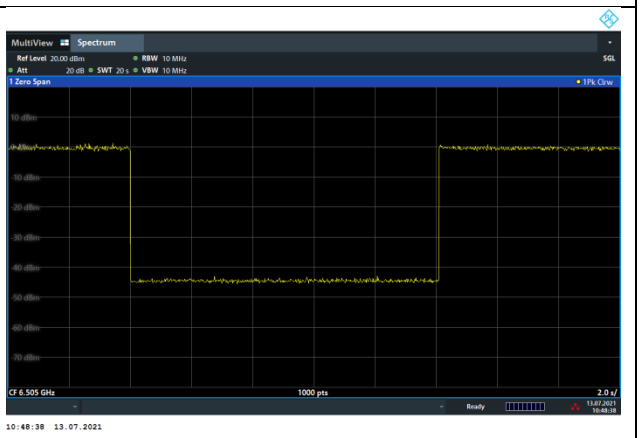
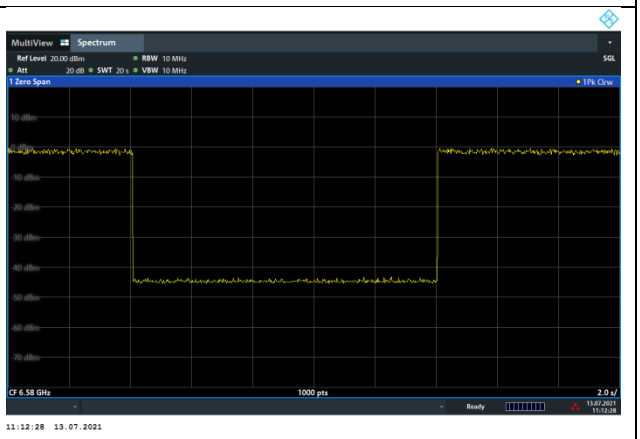
Note: Threshold Level (TL) = -62dBm + minimum antenna gain

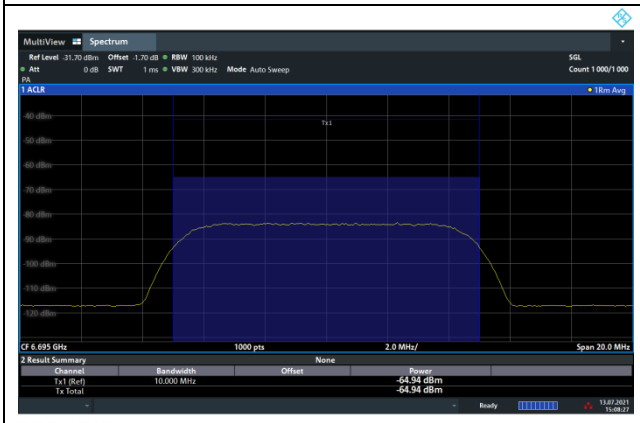
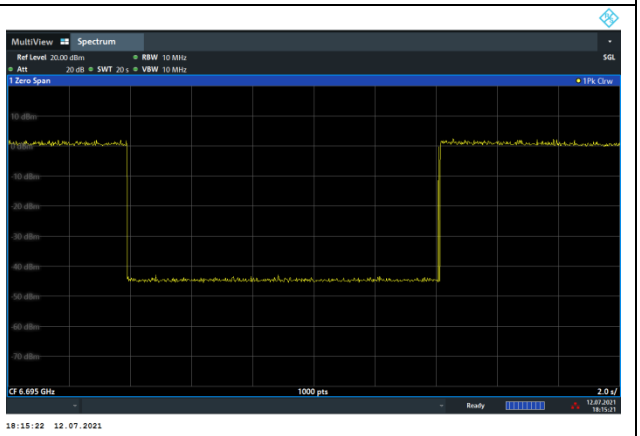
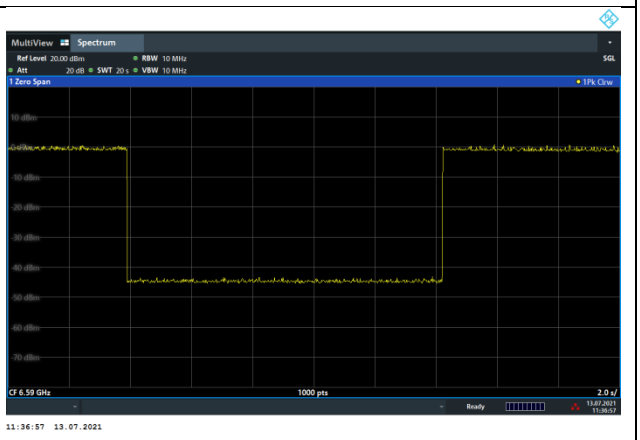
3.5.7 Test Plots of Contention Based Protocol Test

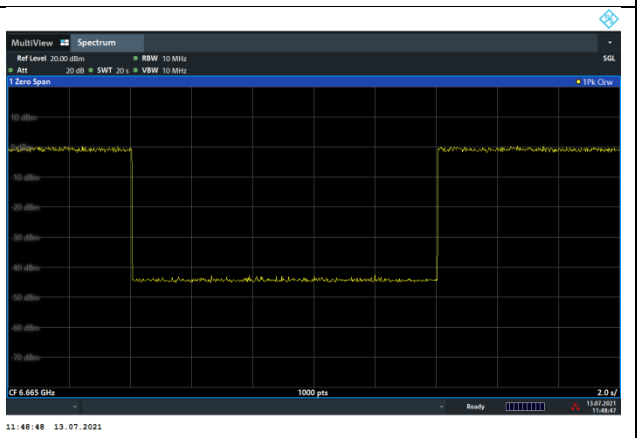
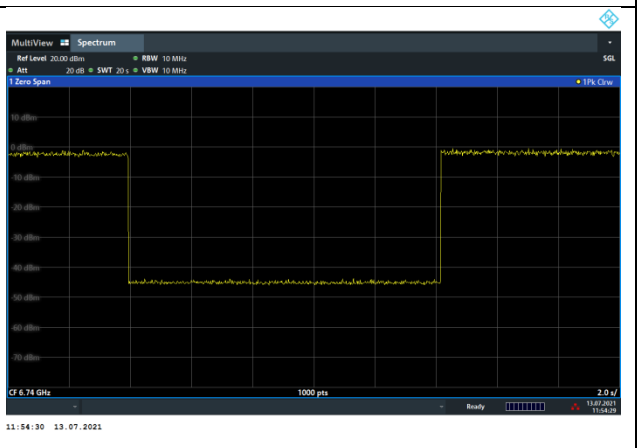
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE20) / 6135MHz Threshold Level (TL) = -64.32dBm/MHz	802.11ax (HE20) / CH37 Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -67.02dBm/MHz	802.11ax (HE160) / CH47 (Lower edge) Test result is pass due to no transmission occur.
	

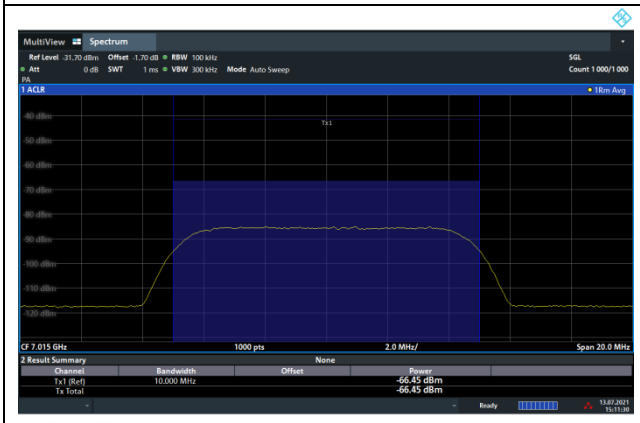
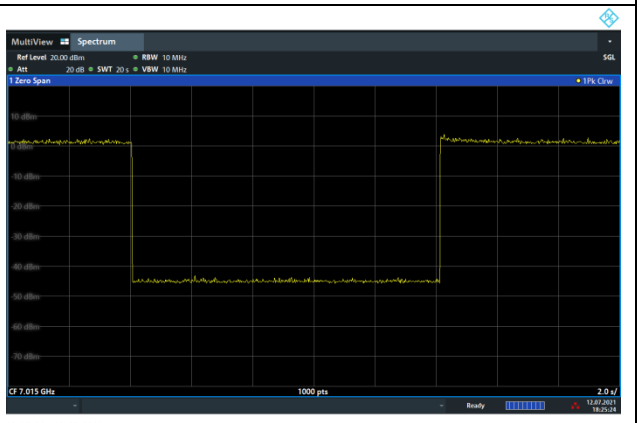
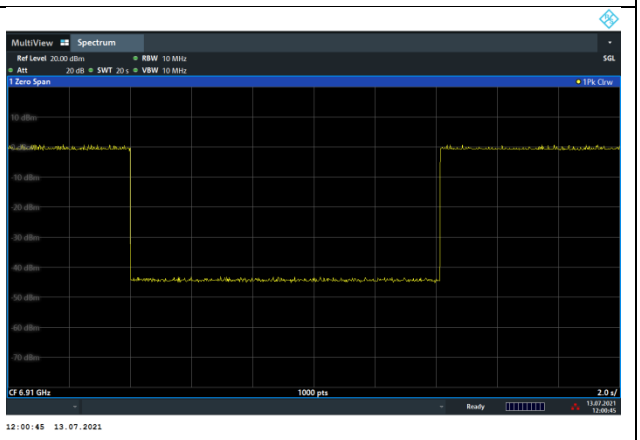
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -66.87dBm/MHz	802.11ax (HE160) / CH47 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6260MHz (Upper edge) Threshold Level (TL) = -67dBm/MHz	802.11ax (HE160) / CH47 (Upper edge) Test result is pass due to no transmission occur.
	

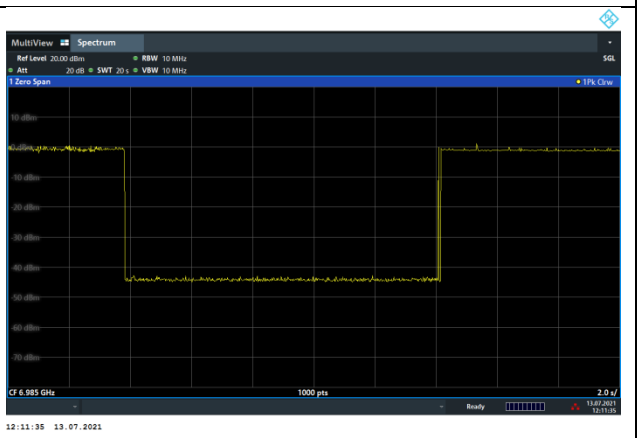
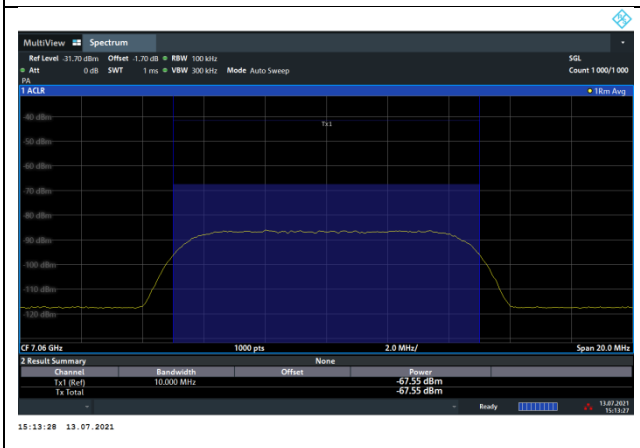
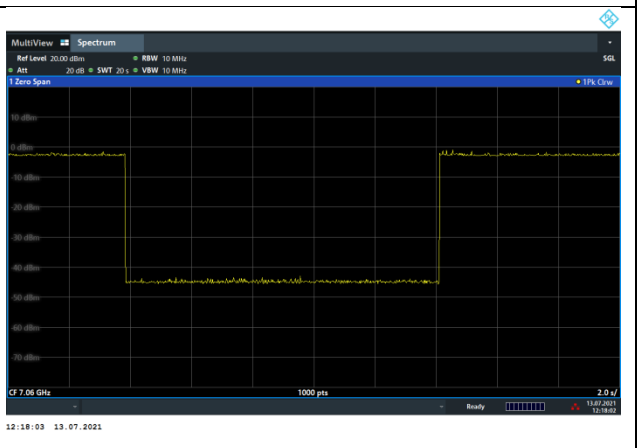
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE20) / 6455MHz Threshold Level (TL) = -65.97dBm/MHz	802.11ax (HE20) / CH101 Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6430MHz (Lower edge) Threshold Level (TL) = -66.7dBm/MHz	802.11ax (HE160) / CH111 (Lower edge) Test result is pass due to no transmission occur.
	

802.11ax (HE160) / 6505MHz (Middle) Threshold Level (TL) = -66.6dBm/MHz	802.11ax (HE160) / CH111 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6580MHz (Upper edge) Threshold Level (TL) = -66.8dBm/MHz	802.11ax (HE160) / CH111 (Upper edge) Test result is pass due to no transmission occur.
	

Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)	
802.11ax (HE20) / 6695MHz Threshold Level (TL) = -64.94dBm/MHz	802.11ax (HE20) / CH149 Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6590MHz (Lower edge) Threshold Level (TL) = -67.23dBm/MHz	802.11ax (HE160) / CH143 (Lower edge) Test result is pass due to no transmission occur.
	

802.11ax (HE160) / 6665MHz (Middle) Threshold Level (TL) = -67.36dBm/MHz	802.11ax (HE160) / CH143 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6740MHz (Upper edge) Threshold Level (TL) = -68.29dBm/MHz	802.11ax (HE160) / CH143 (Upper edge) Test result is pass due to no transmission occur.
	

Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)	
802.11ax (HE20) / 7015MHz Threshold Level (TL) = -66.45dBm/MHz	802.11ax (HE20) / CH213 Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6910MHz (Lower edge) Threshold Level (TL) = -68.51dBm/MHz	802.11ax (HE160) / CH207 (Lower edge) Test result is pass due to no transmission occur.
	

802.11ax (HE160) / 6985MHz (Middle) Threshold Level (TL) = -67.47dBm/MHz	802.11ax (HE160) / CH207 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 7060MHz (Upper edge) Threshold Level (TL) = -67.55dBm/MHz	802.11ax (HE160) / CH207 (Upper edge) Test result is pass due to no transmission occur.
	

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

See list of measuring equipment of 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

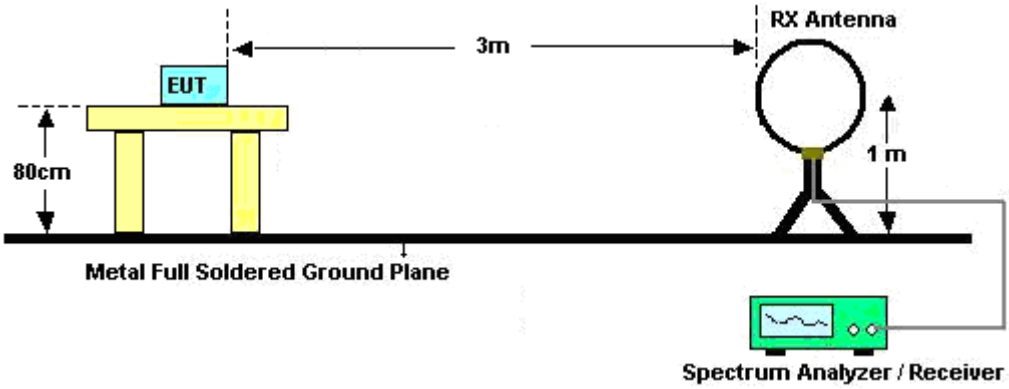
   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

   (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 was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was 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 was 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 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0degree to 360 degree to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6dB margin against QP limit line, the position is marked as “-“.

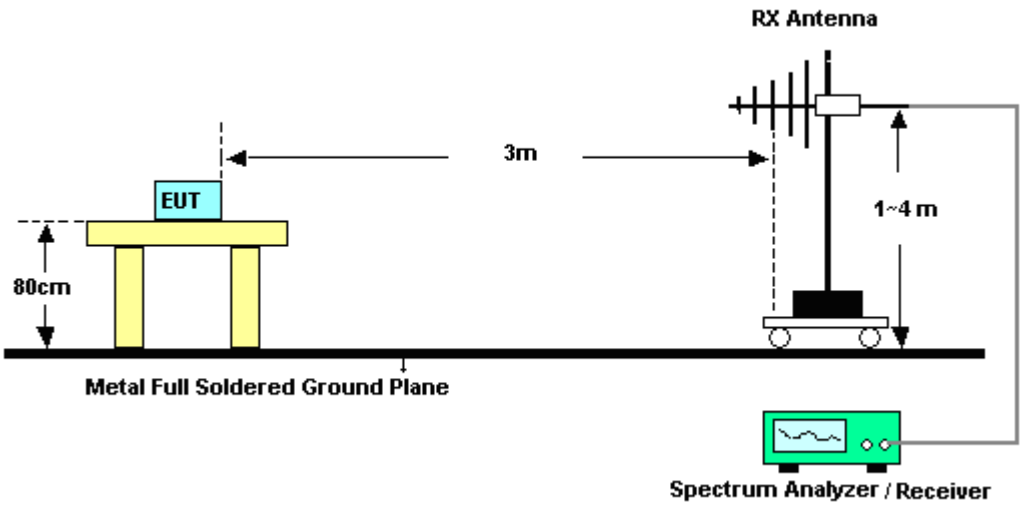
7. Radiated testing above 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0degree to 360 degree to find the peak maximum hold reading for scanning all frequencies.
   When there is no suspected emission found and the harmonic emission level is with at least 6dB margin against average limit line, the position is marked as "-".

3.6.4 Test Setup

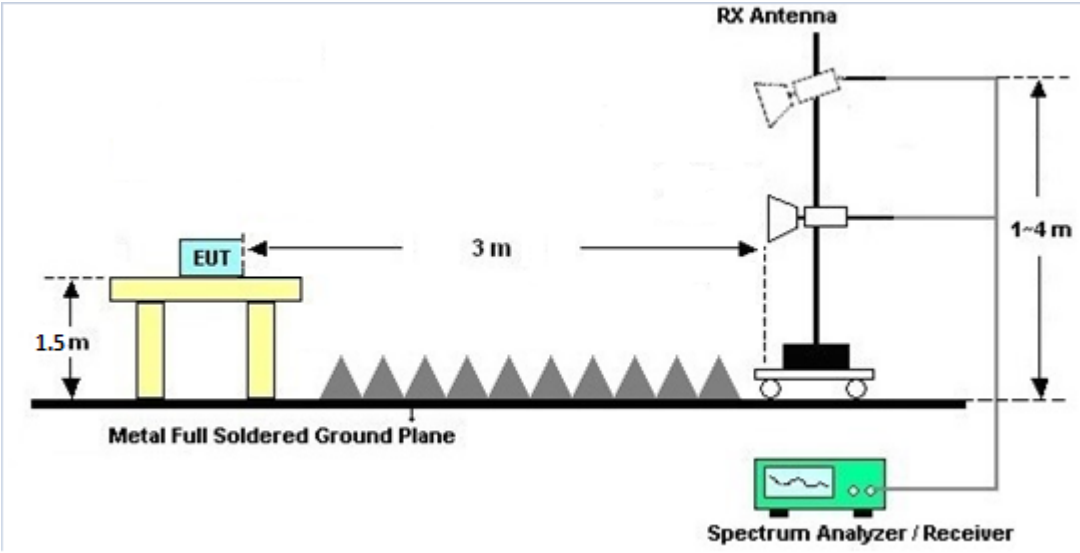
For radiated emissions below 30MHz



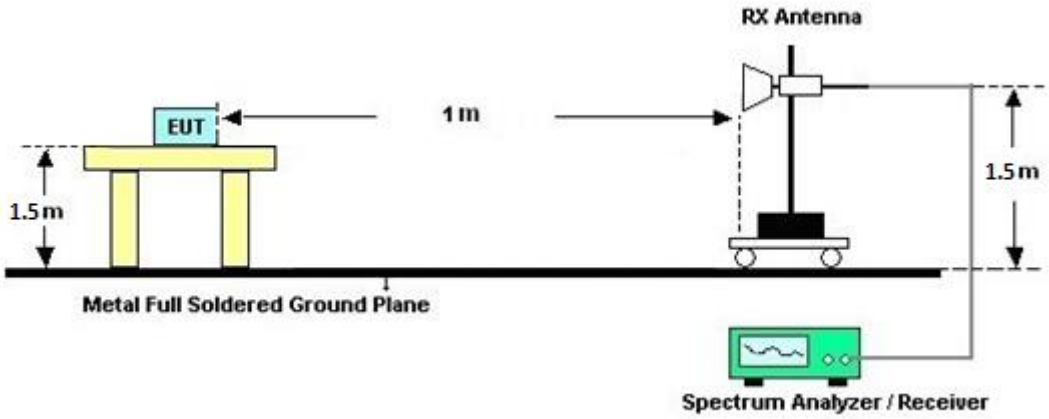
For radiated emissions from 30MHz to 1GHz



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 started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was 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.

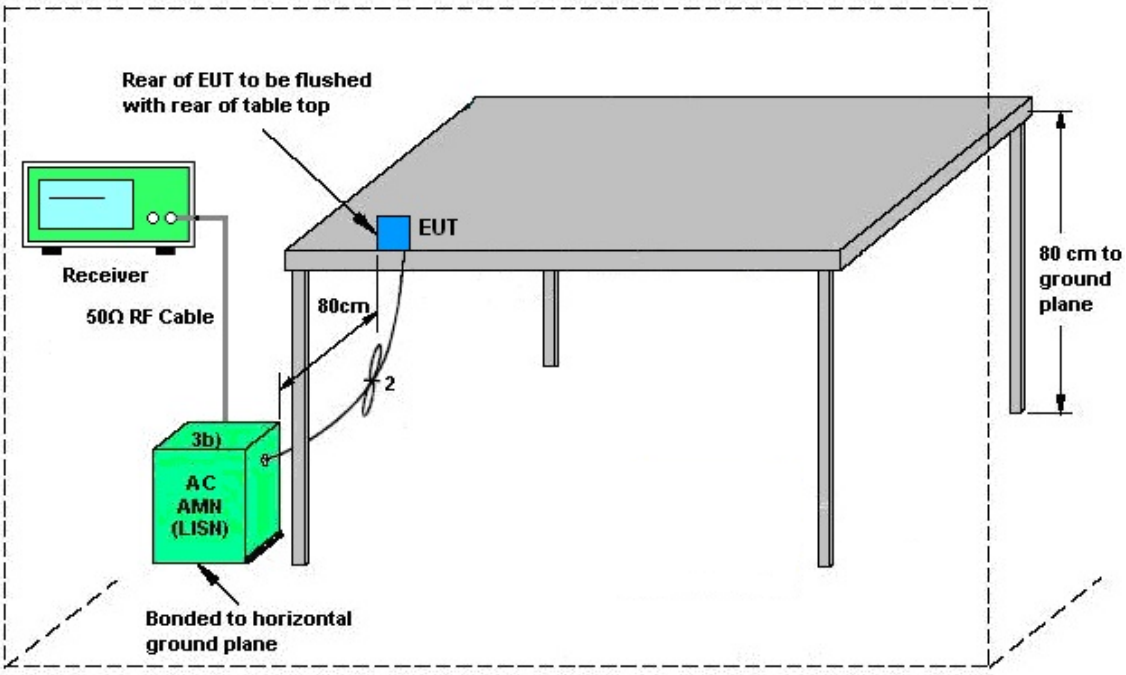
3.7.2 Measuring Instruments

See list of measuring equipment of this test report.

3.7.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was 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 sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.7.4 Test Setup



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

3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.8 Antenna Requirements

3.8.1 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.8.2 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(N_{ANT}/N_{SS}=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The directional gain "DG" is calculated as following table.

$$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

	Ant. 4 (dBi)	Ant. 3 (dBi)	DG for Power (dBi)	DG for PSD (dBi)
5925 MHz ~ 6425 MHz	-1.00	-0.10	-0.10	2.47
6425 MHz ~ 6525 MHz	0.50	0.10	0.50	3.31
6525 MHz ~ 6875 MHz	-1.50	-1.40	-1.40	1.56
6875 MHz ~ 7125 MHz	-0.80	-2.80	-0.80	1.27

Calculation example:

For the band 5925~6425MHz, the DG for PSD is derived from formula is

10 x log { { [10^ (-1.0 dBi / 20) + 10^ (-0.1 dBi / 20)] ^ 2 } / 2 }

= 2.47 dBi

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	Jul. 14, 2020	Jun. 11, 2021~ Jul. 07, 2021	Jul. 13, 2021	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01 N-06	47020 & 06	30MHz to 1GHz	Oct. 11, 2020	Jun. 11, 2021~ Jul. 07, 2021	Oct. 10, 2021	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-152 2	1G~18GHz	Sep. 29, 2020	Jun. 11, 2021~ Jul. 07, 2021	Sep. 28, 2021	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00993	18GHz ~40GHz	Nov. 19, 2020	Jun. 11, 2021~ Jul. 07, 2021	Nov. 18, 2021	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1G	Sep. 30, 2020	Jun. 11, 2021~ Jul. 07, 2021	Sep. 29, 2021	Radiation (03CH16-HY)
Amplifier	EMCI	EMC051845S E	980729	1-18GHz	Jul. 10, 2020	Jun. 11, 2021~ Jun. 30, 2021	Jul. 09, 2021	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0054001	1-18GHz	Jun. 16, 2021	Jul. 01, 2021~ Jul. 07, 2021	Jun. 15, 2022	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY532702 64	1GHz~26.5GHz	Dec. 10, 2020	Jun. 11, 2021~ Jul. 07, 2021	Dec. 09, 2021	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 11, 2020	Jun. 11, 2021~ Jul. 07, 2021	Dec. 10, 2021	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY572901 11	3Hz~26.5GHz	Dec. 11, 2020	Jun. 11, 2021~ Jul. 07, 2021	Dec. 10, 2021	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9010B	MY602405 20	3Hz ~40GHz	Dec. 02, 2020	Jun. 11, 2021~ Jul. 07, 2021	Dec. 01, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/ 4PE	NA	Aug. 29, 2020	Jun. 11, 2021~ Jul. 07, 2021	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/ 4PE	NA	Aug. 29, 2020	Jun. 11, 2021~ Jul. 07, 2021	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300 -5757	NA	Aug. 29, 2020	Jun. 11, 2021~ Jul. 07, 2021	Aug. 28, 2021	Radiation (03CH16-HY)
Hygrometer	TECPEL	DTM-303B	TP200881	QA-3-031	Oct. 22, 2020	Jun. 11, 2021~ Jul. 07, 2021	Oct. 21, 2021	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Jun. 11, 2021~ Jul. 07, 2021	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jun. 11, 2021~ Jul. 07, 2021	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jun. 11, 2021~ Jul. 07, 2021	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jun. 11, 2021~ Jul. 07, 2021	N/A	Radiation (03CH16-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 03, 2021	Jun. 25, 2021~ Aug. 23, 2021	Mar. 02, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO10	10MHz~6GHz	Dec. 09, 2020	Jun. 25, 2021~ Aug. 23, 2021	Dec. 08, 2021	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Jun. 25, 2021~ Jul. 06, 2021	Jul. 21, 2021	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101565	10Hz ~ 40GHz	Nov. 13, 2020	Aug. 23, 2021	Nov. 12, 2021	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Jun. 25, 2021~ Aug. 23, 2021	Mar. 16, 2022	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jun. 29, 2021	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 29, 2021	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Nov. 02, 2020	Jun. 29, 2021	Nov. 01, 2021	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 17, 2021	Jun. 29, 2021	Mar. 16, 2022	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Feb. 01, 2021	Jun. 29, 2021	Jan. 31, 2022	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 11, 2020	Jun. 29, 2021	Sep. 10, 2021	Conduction (CO07-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz	Jan. 11, 2021	Jul. 12, 2021~ Jul. 13, 2021	Jan. 10, 2022	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Jul. 12, 2021~ Jul. 13, 2021	Apr. 19, 2022	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz-18GHz	Calibration from System	Jul. 12, 2021~ Jul. 13, 2021	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A2	0.5GHz-18GHz	Calibration from System	Jul. 12, 2021~ Jul. 13, 2021	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A1	0.5-18GHz	Calibration from System	Jul. 12, 2021~ Jul. 13, 2021	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010(#2)	2GHz-8GHz	Calibration from System	Jul. 12, 2021~ Jul. 13, 2021	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))	2.2 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.1 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.8 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.6 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Richard Qiu	Temperature:	23.9~25.2	°C
Test Date:	2021/6/25~2021/8/23	Relative Humidity:	50.5~58.7	%

TEST RESULTS DATA
26dB and 99% OBW

Band V MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	5955	Full	19.13	19.18	21.80	21.80	
HE20	MCS0	2	6195	Full	19.13	19.08	21.75	21.75	
HE20	MCS0	2	6415	Full	19.13	19.13	21.90	21.95	
HE40	MCS0	2	5965	Full	37.66	37.76	40.41	39.78	
HE40	MCS0	2	6205	Full	37.76	37.86	39.69	40.05	
HE40	MCS0	2	6405	Full	37.86	37.76	39.87	39.60	
HE80	MCS0	2	5985	Full	77.32	77.20	82.08	81.44	
HE80	MCS0	2	6225	Full	77.20	77.20	81.76	81.28	
HE80	MCS0	2	6385	Full	77.20	77.08	81.92	81.60	
HE160	MCS0	2	6025	Full	156.56	156.56	165.76	165.12	
HE160	MCS0	2	6185	Full	156.80	156.56	165.44	165.12	
HE160	MCS0	2	6345	Full	156.56	156.56	165.76	168.31	

TEST RESULTS DATA
EIRP Power Table

FCC Band V MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	5955	Full	4.70	3.10	6.98	-0.10		6.88	24.00	Pass
HE20	MCS0	2	5955	26/0	-5.30	-6.10	-2.67	-0.10		-2.77	24.00	Pass
HE20	MCS0	2	5955	52/37	-2.10	-3.00	0.48	-0.10		0.38	24.00	Pass
HE20	MCS0	2	5955	106/53	0.20	-0.20	3.01	-0.10		2.91	24.00	Pass
HE20	MCS0	2	6195	Full	5.00	3.90	7.50	-0.10		7.40	24.00	Pass
HE20	MCS0	2	6195	26/4	-4.40	-5.00	-1.68	-0.10		-1.78	24.00	Pass
HE20	MCS0	2	6195	52/39	-2.70	-3.00	0.16	-0.10		0.06	24.00	Pass
HE20	MCS0	2	6195	106/53	0.30	0.20	3.26	-0.10		3.16	24.00	Pass
HE20	MCS0	2	6415	Full	4.40	3.80	7.12	-0.10		7.02	24.00	Pass
HE20	MCS0	2	6415	26/8	-5.60	-6.40	-2.97	-0.10		-3.07	24.00	Pass
HE20	MCS0	2	6415	52/40	-3.00	-3.80	-0.37	-0.10		-0.47	24.00	Pass
HE20	MCS0	2	6415	106/54	0.40	-0.40	3.03	-0.10		2.93	24.00	Pass
HE40	MCS0	2	5965	Full	7.60	6.20	9.97	-0.10		9.87	24.00	Pass
HE40	MCS0	2	6205	Full	6.90	6.40	9.67	-0.10		9.57	24.00	Pass
HE40	MCS0	2	6405	Full	6.90	6.00	9.48	-0.10		9.38	24.00	Pass
HE80	MCS0	2	5985	Full	9.80	9.00	12.43	-0.10		12.33	24.00	Pass
HE80	MCS0	2	6225	Full	9.50	9.70	12.61	-0.10		12.51	24.00	Pass
HE80	MCS0	2	6385	Full	9.60	9.90	12.76	-0.10		12.66	24.00	Pass
HE160	MCS0	2	6025	Full	13.10	12.30	15.73	-0.10		15.63	24.00	Pass
HE160	MCS0	2	6185	Full	12.80	12.40	15.61	-0.10		15.51	24.00	Pass
HE160	MCS0	2	6345	Full	12.20	12.60	15.41	-0.10		15.31	24.00	Pass

Report Number : FR0D2942-05G

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band V MIMO												
Mod.	Data Rate	N_{TX}	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	5955	Full			-3.86	2.47		-1.38	-1.00	Pass
HE20	MCS0	2	5955	26/0			-3.96	2.47		-1.49	-1.00	Pass
HE20	MCS0	2	5955	52/37			-3.93	2.47		-1.46	-1.00	Pass
HE20	MCS0	2	5955	106/53			-3.95	2.47		-1.48	-1.00	Pass
HE20	MCS0	2	6195	Full			-3.58	2.47		-1.11	-1.00	Pass
HE20	MCS0	2	6195	26/4			-3.61	2.47		-1.14	-1.00	Pass
HE20	MCS0	2	6195	52/39			-3.74	2.47		-1.27	-1.00	Pass
HE20	MCS0	2	6195	106/53			-3.70	2.47		-1.23	-1.00	Pass
HE20	MCS0	2	6415	Full			-3.68	2.47		-1.21	-1.00	Pass
HE20	MCS0	2	6415	26/8			-3.78	2.47		-1.31	-1.00	Pass
HE20	MCS0	2	6415	52/40			-4.02	2.47		-1.55	-1.00	Pass
HE20	MCS0	2	6415	106/54			-3.83	2.47		-1.35	-1.00	Pass
HE40	MCS0	2	5965	Full			-3.64	2.47		-1.17	-1.00	Pass
HE40	MCS0	2	6205	Full			-3.82	2.47		-1.35	-1.00	Pass
HE40	MCS0	2	6405	Full			-3.71	2.47		-1.23	-1.00	Pass
HE80	MCS0	2	5985	Full			-3.58	2.47		-1.11	-1.00	Pass
HE80	MCS0	2	6225	Full			-3.49	2.47		-1.02	-1.00	Pass
HE80	MCS0	2	6385	Full			-3.61	2.47		-1.14	-1.00	Pass
HE160	MCS0	2	6025	Full			-3.57	2.47		-1.10	-1.00	Pass
HE160	MCS0	2	6185	Full			-3.49	2.47		-1.02	-1.00	Pass
HE160	MCS0	2	6345	Full			-3.59	2.47		-1.12	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VI MIMO									
Mod.	Data Rate	N_{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	6435	Full	19.08	19.13	21.90	21.95	
HE20	MCS0	2	6475	Full	19.08	19.08	21.75	21.90	
HE20	MCS0	2	6515	Full	19.18	19.13	21.90	22.10	
HE40	MCS0	2	6445	Full	37.86	37.76	39.96	39.96	
HE40	MCS0	2	6485	Full	37.76	37.76	39.96	39.60	
HE40	MCS0	2	6525	Full	37.86	37.66	40.05	39.96	Straddle CH
HE80	MCS0	2	6465	Full	77.20	77.08	81.76	82.08	
HE80	MCS0	2	6545	Full	77.32	77.32	82.08	81.92	Straddle CH
HE160	MCS0	2	6505	Full	156.56	156.56	166.40	164.48	Straddle CH

TEST RESULTS DATA
EIRP Power Table

FCC Band VI MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	6435	Full	3.40	2.40	5.94	0.50		6.44	24.00	Pass
HE20	MCS0	2	6435	26/0	-6.80	-7.60	-4.17	0.50		-3.67	24.00	Pass
HE20	MCS0	2	6435	52/37	-3.60	-4.30	-0.93	0.50		-0.43	24.00	Pass
HE20	MCS0	2	6435	106/53	-0.60	-1.00	2.21	0.50		2.71	24.00	Pass
HE20	MCS0	2	6475	Full	3.70	2.90	6.33	0.50		6.83	24.00	Pass
HE20	MCS0	2	6475	26/4	-5.60	-5.80	-2.69	0.50		-2.19	24.00	Pass
HE20	MCS0	2	6475	52/39	-3.50	-3.90	-0.69	0.50		-0.19	24.00	Pass
HE20	MCS0	2	6475	106/54	-0.20	-1.00	2.43	0.50		2.93	24.00	Pass
HE20	MCS0	2	6515	Full	3.40	2.40	5.94	0.50		6.44	24.00	Pass
HE20	MCS0	2	6515	26/8	-6.10	-6.80	-3.43	0.50		-2.93	24.00	Pass
HE20	MCS0	2	6515	52/40	-3.40	-4.00	-0.68	0.50		-0.18	24.00	Pass
HE20	MCS0	2	6515	106/54	-0.10	-0.70	2.62	0.50		3.12	24.00	Pass
HE40	MCS0	2	6445	Full	6.00	5.60	8.81	0.50		9.31	24.00	Pass
HE40	MCS0	2	6485	Full	5.60	5.50	8.56	0.50		9.06	24.00	Pass
HE80	MCS0	2	6465	Full	9.50	8.30	11.95	0.50		12.45	24.00	Pass

FCC Band VI straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE40	MCS0	2	6525	Full	7.80	7.50	10.66	0.50		11.16	24.00	Pass
HE80	MCS0	2	6545	Full	9.40	8.50	11.98	0.50		12.48	24.00	Pass
HE160	MCS0	2	6505	Full	11.50	11.50	14.51	0.50		15.01	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VI MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	6435	Full			-4.66	3.31		-1.35	-1.00	Pass
HE20	MCS0	2	6435	26/0			-4.81	3.31		-1.50	-1.00	Pass
HE20	MCS0	2	6435	52/37			-4.68	3.31		-1.37	-1.00	Pass
HE20	MCS0	2	6435	106/53			-4.83	3.31		-1.52	-1.00	Pass
HE20	MCS0	2	6475	Full			-4.68	3.31		-1.36	-1.00	Pass
HE20	MCS0	2	6475	26/4			-4.73	3.31		-1.42	-1.00	Pass
HE20	MCS0	2	6475	52/39			-4.74	3.31		-1.43	-1.00	Pass
HE20	MCS0	2	6475	106/54			-4.74	3.31		-1.42	-1.00	Pass
HE20	MCS0	2	6515	Full			-4.36	3.31		-1.05	-1.00	Pass
HE20	MCS0	2	6515	26/8			-4.52	3.31		-1.20	-1.00	Pass
HE20	MCS0	2	6515	52/40			-4.54	3.31		-1.23	-1.00	Pass
HE20	MCS0	2	6515	106/54			-4.40	3.31		-1.09	-1.00	Pass
HE40	MCS0	2	6445	Full			-4.60	3.31		-1.29	-1.00	Pass
HE40	MCS0	2	6485	Full			-4.66	3.31		-1.35	-1.00	Pass
HE80	MCS0	2	6465	Full			-4.39	3.31		-1.07	-1.00	Pass

FCC Band VI straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE40	MCS0	2	6525	Full			-4.33	3.31		-1.02	-1.00	Pass
HE80	MCS0	2	6545	Full			-4.37	3.31		-1.05	-1.00	Pass
HE160	MCS0	2	6505	Full			-4.47	3.31		-1.16	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VII MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	6535	Full	19.13	19.08	21.65	21.60	
HE20	MCS0	2	6695	Full	19.13	19.08	21.89	21.80	
HE20	MCS0	2	6855	Full	19.13	19.18	21.80	21.65	
HE20	MCS0	2	6875	Full	19.08	19.13	21.90	21.70	Straddle CH
HE40	MCS0	2	6565	Full	37.76	37.76	39.87	40.05	
HE40	MCS0	2	6685	Full	37.76	37.86	39.78	39.60	
HE40	MCS0	2	6845	Full	37.76	37.86	39.78	39.87	
HE40	MCS0	2	6885	Full	37.96	37.86	39.87	39.60	Straddle CH
HE80	MCS0	2	6625	Full	77.20	77.08	82.40	81.60	
HE80	MCS0	2	6705	Full	77.08	77.08	81.92	81.28	
HE80	MCS0	2	6785	Full	77.08	77.08	81.92	81.60	
HE80	MCS0	2	6865	Full	77.08	77.20	82.24	81.60	Straddle CH
HE160	MCS0	2	6665	Full	156.32	156.32	165.44	165.76	
HE160	MCS0	2	6825	Full	156.32	156.80	164.80	187.18	Straddle CH

TEST RESULTS DATA
EIRP Power Table

FCC Band VII MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	6535	Full	5.60	4.90	8.27	-1.40		6.87	24.00	Pass
HE20	MCS0	2	6535	26/0	-4.40	-4.80	-1.59	-1.40		-2.99	24.00	Pass
HE20	MCS0	2	6535	52/37	-1.90	-1.60	1.26	-1.40		-0.14	24.00	Pass
HE20	MCS0	2	6535	106/53	1.40	1.10	4.26	-1.40		2.86	24.00	Pass
HE20	MCS0	2	6695	Full	5.30	5.20	8.26	-1.40		6.86	24.00	Pass
HE20	MCS0	2	6695	26/4	-3.40	-4.20	-0.77	-1.40		-2.17	24.00	Pass
HE20	MCS0	2	6695	52/38	-1.70	-2.00	1.16	-1.40		-0.24	24.00	Pass
HE20	MCS0	2	6695	106/53	1.50	1.00	4.27	-1.40		2.87	24.00	Pass
HE20	MCS0	2	6855	Full	5.50	4.50	8.04	-1.40		6.64	24.00	Pass
HE20	MCS0	2	6855	26/8	-4.40	-5.00	-1.68	-1.40		-3.08	24.00	Pass
HE20	MCS0	2	6855	52/40	-1.80	-2.10	1.06	-1.40		-0.34	24.00	Pass
HE20	MCS0	2	6855	106/54	1.20	0.60	3.92	-1.40		2.52	24.00	Pass
HE40	MCS0	2	6565	Full	7.60	7.50	10.56	-1.40		9.16	24.00	Pass
HE40	MCS0	2	6685	Full	7.40	6.90	10.17	-1.40		8.77	24.00	Pass
HE40	MCS0	2	6845	Full	7.90	7.30	10.62	-1.40		9.22	24.00	Pass
HE80	MCS0	2	6625	Full	11.20	10.00	13.65	-1.40		12.25	24.00	Pass
HE80	MCS0	2	6705	Full	11.00	10.10	13.58	-1.40		12.18	24.00	Pass
HE80	MCS0	2	6785	Full	11.20	10.40	13.83	-1.40		12.43	24.00	Pass
HE160	MCS0	2	6665	Full	13.50	13.00	16.27	-1.40		14.87	24.00	Pass

FCC Band VII straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	6875	Full	6.00	4.60	8.37	-1.40		6.97	24.00	Pass
HE20	MCS0	2	6875	26/8	-4.00	-4.80	-1.37	-1.40		-2.77	24.00	Pass
HE20	MCS0	2	6875	52/40	-1.50	-1.90	1.31	-1.40		-0.09	24.00	Pass
HE20	MCS0	2	6875	106/54	1.90	1.20	4.57	-1.40		3.17	24.00	Pass
HE40	MCS0	2	6885	Full	8.50	8.00	11.27	-1.40		9.87	24.00	Pass
HE80	MCS0	2	6865	Full	11.00	10.40	13.72	-1.40		12.32	24.00	Pass
HE160	MCS0	2	6825	Full	13.60	13.10	16.37	-1.40		14.97	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band VII MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	6535	Full			-2.75	1.56		-1.19	-1.00	Pass
HE20	MCS0	2	6535	26/0			-2.79	1.56		-1.23	-1.00	Pass
HE20	MCS0	2	6535	52/37			-2.95	1.56		-1.39	-1.00	Pass
HE20	MCS0	2	6535	106/53			-2.98	1.56		-1.41	-1.00	Pass
HE20	MCS0	2	6695	Full			-2.77	1.56		-1.21	-1.00	Pass
HE20	MCS0	2	6695	26/4			-2.85	1.56		-1.29	-1.00	Pass
HE20	MCS0	2	6695	52/38			-3.07	1.56		-1.51	-1.00	Pass
HE20	MCS0	2	6695	106/53			-3.05	1.56		-1.48	-1.00	Pass
HE20	MCS0	2	6855	Full			-2.78	1.56		-1.22	-1.00	Pass
HE20	MCS0	2	6855	26/8			-2.79	1.56		-1.23	-1.00	Pass
HE20	MCS0	2	6855	52/40			-2.92	1.56		-1.36	-1.00	Pass
HE20	MCS0	2	6855	106/54			-2.99	1.56		-1.42	-1.00	Pass
HE40	MCS0	2	6565	Full			-2.61	1.56		-1.05	-1.00	Pass
HE40	MCS0	2	6685	Full			-2.80	1.56		-1.24	-1.00	Pass
HE40	MCS0	2	6845	Full			-2.84	1.56		-1.28	-1.00	Pass
HE80	MCS0	2	6625	Full			-2.59	1.56		-1.03	-1.00	Pass
HE80	MCS0	2	6705	Full			-2.66	1.56		-1.10	-1.00	Pass
HE80	MCS0	2	6785	Full			-2.61	1.56		-1.05	-1.00	Pass
HE160	MCS0	2	6665	Full			-2.64	1.56		-1.08	-1.00	Pass

FCC Band VII straddle channel MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	6875	Full			-2.66	1.56		-1.10	-1.00	Pass
HE20	MCS0	2	6875	26/8			-2.85	1.56		-1.29	-1.00	Pass
HE20	MCS0	2	6875	52/40			-2.96	1.56		-1.40	-1.00	Pass
HE20	MCS0	2	6875	106/54			-2.79	1.56		-1.23	-1.00	Pass
HE40	MCS0	2	6885	Full			-2.76	1.56		-1.20	-1.00	Pass
HE80	MCS0	2	6865	Full			-2.65	1.56		-1.09	-1.00	Pass
HE160	MCS0	2	6825	Full			-2.64	1.56		-1.08	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

Band VIII MIMO									
Mod.	Data Rate	N_{TX}	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	6895	Full	19.08	19.13	21.70	21.90	
HE20	MCS0	2	6995	Full	19.03	19.08	21.65	21.70	
HE20	MCS0	2	7095	Full	19.08	19.13	21.80	21.85	
HE40	MCS0	2	6925	Full	37.86	37.76	40.05	39.69	
HE40	MCS0	2	7005	Full	37.76	37.96	39.69	39.87	
HE40	MCS0	2	7085	Full	37.86	37.96	39.78	39.69	
HE80	MCS0	2	6945	Full	77.08	77.08	82.24	81.60	
HE80	MCS0	2	7025	Full	77.20	77.20	81.76	81.12	
HE160	MCS0	2	6985	Full	156.32	156.32	165.44	178.23	

TEST RESULTS DATA
EIRP Power Table

Band VIII MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	6895	Full	6.10	5.40	8.77	-0.80		7.97	24.00	Pass
HE20	MCS0	2	6895	26/0	-3.50	-4.50	-0.96	-0.80		-1.76	24.00	Pass
HE20	MCS0	2	6895	52/37	-1.10	-1.50	1.71	-0.80		0.91	24.00	Pass
HE20	MCS0	2	6895	106/53	2.30	1.70	5.02	-0.80		4.22	24.00	Pass
HE20	MCS0	2	6995	Full	6.60	5.20	8.97	-0.80		8.17	24.00	Pass
HE20	MCS0	2	6995	26/4	-3.40	-4.40	-0.86	-0.80		-1.66	24.00	Pass
HE20	MCS0	2	6995	52/38	-1.40	-1.90	1.37	-0.80		0.57	24.00	Pass
HE20	MCS0	2	6995	106/53	1.80	1.60	4.71	-0.80		3.91	24.00	Pass
HE20	MCS0	2	7095	Full	6.50	4.70	8.70	-0.80		7.90	24.00	Pass
HE20	MCS0	2	7095	26/8	-3.20	-4.10	-0.62	-0.80		-1.42	24.00	Pass
HE20	MCS0	2	7095	52/40	-0.70	-1.60	1.88	-0.80		1.08	24.00	Pass
HE20	MCS0	2	7095	106/54	2.60	1.60	5.14	-0.80		4.34	24.00	Pass
HE40	MCS0	2	6925	Full	8.80	8.10	11.47	-0.80		10.67	24.00	Pass
HE40	MCS0	2	7005	Full	8.50	7.20	10.91	-0.80		10.11	24.00	Pass
HE40	MCS0	2	7085	Full	9.00	8.00	11.54	-0.80		10.74	24.00	Pass
HE80	MCS0	2	6945	Full	11.40	10.40	13.94	-0.80		13.14	24.00	Pass
HE80	MCS0	2	7025	Full	11.50	10.20	13.91	-0.80		13.11	24.00	Pass
HE160	MCS0	2	6985	Full	13.90	13.10	16.53	-0.80		15.73	24.00	Pass

Report Number : FR0D2942-05G

TEST RESULTS DATA
EIRP Power Spectral Density

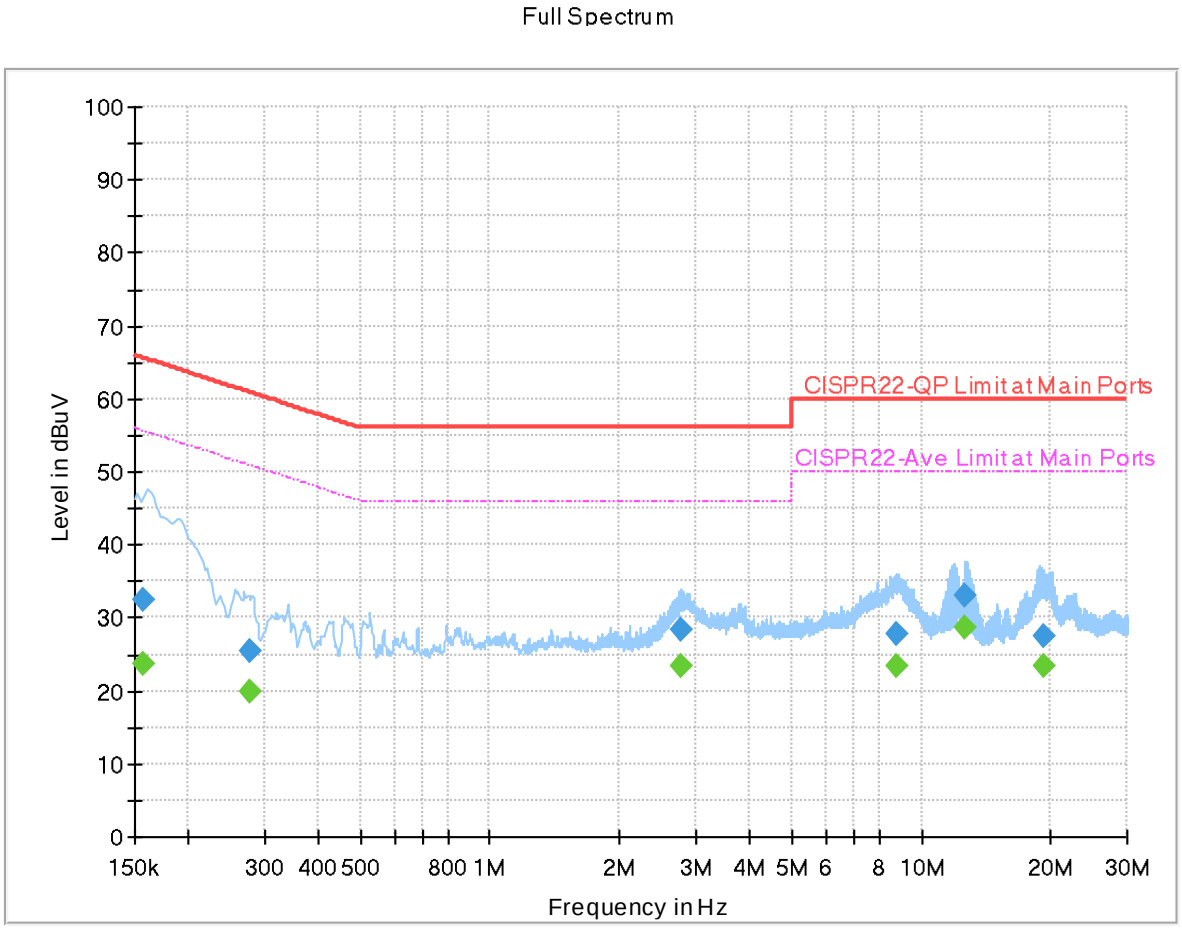
FCC Band VIII MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	SUM		
HE20	MCS0	2	6895	Full			-2.60	1.27		-1.33	-1.00	Pass
HE20	MCS0	2	6895	26/0			-2.67	1.27		-1.40	-1.00	Pass
HE20	MCS0	2	6895	52/37			-2.93	1.27		-1.66	-1.00	Pass
HE20	MCS0	2	6895	106/53			-2.74	1.27		-1.47	-1.00	Pass
HE20	MCS0	2	6995	Full			-2.70	1.27		-1.43	-1.00	Pass
HE20	MCS0	2	6995	26/4			-2.73	1.27		-1.46	-1.00	Pass
HE20	MCS0	2	6995	52/38			-2.92	1.27		-1.66	-1.00	Pass
HE20	MCS0	2	6995	106/53			-2.75	1.27		-1.49	-1.00	Pass
HE20	MCS0	2	7095	Full			-2.81	1.27		-1.55	-1.00	Pass
HE20	MCS0	2	7095	26/8			-3.02	1.27		-1.76	-1.00	Pass
HE20	MCS0	2	7095	52/40			-3.06	1.27		-1.79	-1.00	Pass
HE20	MCS0	2	7095	106/54			-2.87	1.27		-1.60	-1.00	Pass
HE40	MCS0	2	6925	Full			-2.31	1.27		-1.04	-1.00	Pass
HE40	MCS0	2	7005	Full			-2.35	1.27		-1.08	-1.00	Pass
HE40	MCS0	2	7085	Full			-2.41	1.27		-1.14	-1.00	Pass
HE80	MCS0	2	6945	Full			-2.48	1.27		-1.22	-1.00	Pass
HE80	MCS0	2	7025	Full			-2.35	1.27		-1.08	-1.00	Pass
HE160	MCS0	2	6985	Full			-2.52	1.27		-1.26	-1.00	Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	**Temperature :**	23~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO :	0D2942-05
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

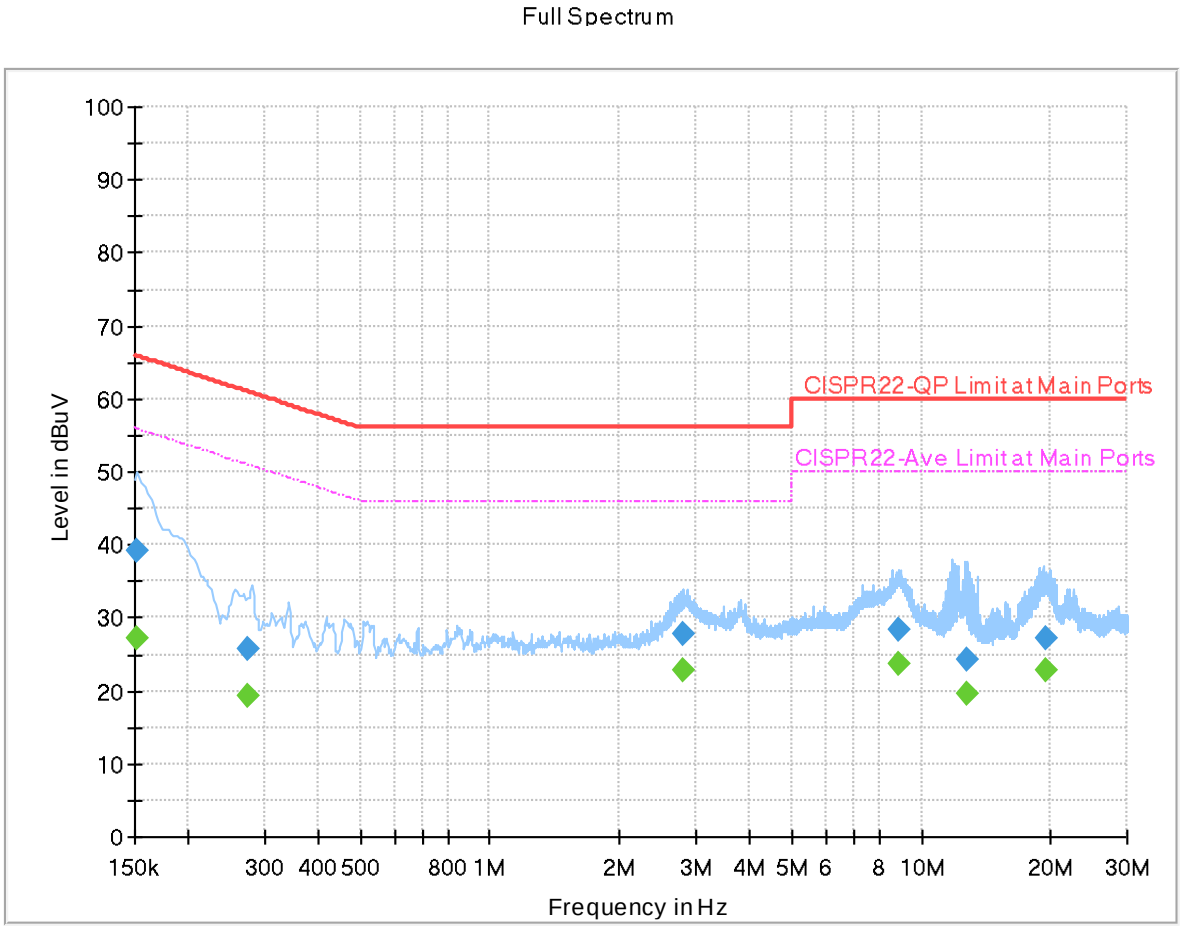


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	32.54	---	65.63	33.09	L1	OFF	20.0
0.156750	---	23.54	55.63	32.09	L1	OFF	20.0
0.277080	25.56	---	60.90	35.34	L1	OFF	20.0
0.277080	---	19.83	50.90	31.07	L1	OFF	20.0
2.763330	28.24	---	56.00	27.76	L1	OFF	20.1
2.763330	---	23.48	46.00	22.52	L1	OFF	20.1
8.800350	27.85	---	60.00	32.15	L1	OFF	20.1
8.800350	---	23.42	50.00	26.58	L1	OFF	20.1
12.682680	32.95	---	60.00	27.05	L1	OFF	20.2
12.682680	---	28.55	50.00	21.45	L1	OFF	20.2
19.239000	27.45	---	60.00	32.55	L1	OFF	20.2
19.239000	---	23.25	50.00	26.75	L1	OFF	20.2

EUT Information

Report NO :	0D2942-05
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152363	---	27.11	55.87	28.76	N	OFF	20.0
0.152363	39.14	---	65.87	26.73	N	OFF	20.0
0.275640	---	19.30	50.95	31.65	N	OFF	20.0
0.275640	25.65	---	60.95	35.30	N	OFF	20.0
2.810400	---	22.79	46.00	23.21	N	OFF	20.1
2.810400	27.84	---	56.00	28.16	N	OFF	20.1
8.855250	---	23.73	50.00	26.27	N	OFF	20.1
8.855250	28.42	---	60.00	31.58	N	OFF	20.1
12.754500	---	19.56	50.00	30.44	N	OFF	20.2
12.754500	24.29	---	60.00	35.71	N	OFF	20.2
19.452570	---	22.94	50.00	27.06	N	OFF	20.3
19.452570	27.24	---	60.00	32.76	N	OFF	20.3

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 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 CH 1 5955MHz		5882.92	55.86	-32.34	88.2	39.76	32.17	13.81	29.88	267	65	P	H
		5919.08	44.66	-23.54	68.2	28.5	32.24	13.81	29.89	267	65	A	H
		5067.2	56.34	-17.66	74	41.39	31.67	12.94	29.66	267	65	P	H
		5067.2	44.86	-9.14	54	29.91	31.67	12.94	29.66	267	65	A	H
	*	5955	103.13	-	-	86.92	32.31	13.8	29.9	267	65	P	H
	*	5955	92.27	-	-	76.06	32.31	13.8	29.9	267	65	A	H
		5875.56	55.83	-32.37	88.2	39.74	32.15	13.81	29.87	364	133	P	V
		5924.52	44.54	-23.66	68.2	28.37	32.25	13.81	29.89	364	133	A	V
		5085.8	54.03	-19.97	74	38.98	31.74	12.97	29.66	364	133	P	V
		5085.8	44.46	-9.54	54	29.41	31.74	12.97	29.66	364	133	A	V
	*	5955	103.5	-	-	87.29	32.31	13.8	29.9	364	133	P	V
	*	5955	92.38	-	-	76.17	32.31	13.8	29.9	364	133	A	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+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 1 5955MHz		11910	47.25	-26.75	74	43.66	38.79	19.97	55.17	-	-	P	H
		17865	56.34	-17.66	74	41.83	46.53	25.23	57.25	-	-	P	H
		17865	47.8	-6.2	54	33.29	46.53	25.23	57.25	-	-	A	H
													H
		11910	47.51	-26.49	74	43.92	38.79	19.97	55.17	-	-	P	V
		17865	56.96	-17.04	74	42.45	46.53	25.23	57.25	-	-	P	V
		17865	47.77	-6.23	54	33.26	46.53	25.23	57.25	-	-	A	V
													V
802.11ax HE20 Full CH 49 6195MHz		12390	46.14	-27.86	74	42.61	38.31	20.24	55.02	-	-	P	H
		17944	59.2	-14.8	74	43.09	48.12	25.27	57.28	-	-	P	H
		17944	47.58	-6.42	54	31.47	48.12	25.27	57.28	-	-	A	H
		18585	36.1	-37.9	74	56.65	38.4	-3.6	55.35	-	-	P	H
		12390	46.23	-27.77	74	42.7	38.31	20.24	55.02	-	-	P	V
		17992	58.75	-15.25	74	41.62	49.13	25.3	57.3	-	-	P	V
		17992	47.62	-6.38	54	30.49	49.13	25.3	57.3	-	-	A	V
		18585	35.07	-38.93	74	55.62	38.4	-3.6	55.35	-	-	P	V
802.11ax HE20 Full CH 93 6415MHz		12830	47.46	-40.74	88.2	43.1	38.69	20.47	54.8	-	-	P	H
		17992	58.69	-15.31	74	41.56	49.13	25.3	57.3	-	-	P	H
		17992	47.77	-6.23	54	30.64	49.13	25.3	57.3	-	-	A	H
		19245	34.29	-39.71	74	54.58	38.41	-3.65	55.05	-	-	P	H
		12830	46.38	-41.82	88.2	42.02	38.69	20.47	54.8	-	-	P	V
		17992	58.95	-15.05	74	41.82	49.13	25.3	57.3	-	-	P	V
		17992	47.55	-6.45	54	30.42	49.13	25.3	57.3	-	-	A	V
		19245	34.7	-39.3	74	54.99	38.41	-3.65	55.05	-	-	P	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 5955~6425MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 3 5965MHz		5898.28	55.36	-32.84	88.2	39.23	32.2	13.81	29.88	267	66	P	H
		5924.84	45.06	-23.14	68.2	28.89	32.25	13.81	29.89	267	66	A	H
		5135.4	55.67	-18.33	74	40.51	31.8	13.03	29.67	267	66	P	H
		5135.4	44.84	-9.16	54	29.68	31.8	13.03	29.67	267	66	A	H
	*	5965	103.64	-	-	87.42	32.33	13.8	29.91	267	66	P	H
	*	5965	92.79	-	-	76.57	32.33	13.8	29.91	267	66	A	H
		5785	55.71	-32.49	88.2	39.74	32	13.81	29.84	351	129	P	V
		5919.4	45.31	-22.89	68.2	29.15	32.24	13.81	29.89	351	129	A	V
		4974.2	55.23	-18.77	74	40.62	31.4	12.86	29.65	351	129	P	V
		4974.2	44.49	-9.51	54	29.88	31.4	12.86	29.65	351	129	A	V
	*	5965	103.53	-	-	87.31	32.33	13.8	29.91	351	129	P	V
	*	5965	92.74	-	-	76.52	32.33	13.8	29.91	351	129	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5955~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 3 55965MHz		11930	47.46	-26.54	74	43.86	38.77	19.99	55.16	-	-	P	H
		17895	57.16	-16.84	74	42.08	47.1	25.24	57.26	-	-	P	H
		17895	47.52	-6.48	54	32.44	47.1	25.24	57.26	-	-	A	H
													H
		11930	47.69	-26.31	74	44.09	38.77	19.99	55.16	-	-	P	V
		17895	57.92	-16.08	74	42.84	47.1	25.24	57.26	-	-	P	V
		17895	47.61	-6.39	54	32.53	47.1	25.24	57.26	-	-	A	V
													V
802.11ax HE40 Full CH 51 6205MHz		12410	46.14	-27.86	74	42.64	38.27	20.25	55.02	-	-	P	H
		17984	59.27	-14.73	74	42.31	48.96	25.29	57.29	-	-	P	H
		17984	47.38	-6.62	54	30.42	48.96	25.29	57.29	-	-	A	H
		18615	34.8	-39.2	74	55.38	38.36	-3.61	55.33	-	-	P	H
		12410	46.43	-27.57	74	42.93	38.27	20.25	55.02	-	-	P	V
		17984	59.2	-14.8	74	42.24	48.96	25.29	57.29	-	-	P	V
		17984	47.63	-6.37	54	30.67	48.96	25.29	57.29	-	-	A	V
		18615	35.64	-38.36	74	56.22	38.36	-3.61	55.33	-	-	P	V
802.11ax HE40 Full CH 91 6405MHz		12810	47.06	-41.14	88.2	42.78	38.63	20.46	54.81	-	-	P	H
		17976	59.01	-14.99	74	42.21	48.8	25.29	57.29	-	-	P	H
		17976	47.21	-6.79	54	30.41	48.8	25.29	57.29	-	-	A	H
		19215	33.29	-40.71	74	53.56	38.44	-3.65	55.06	-	-	P	H
		12810	47.08	-41.12	88.2	42.8	38.63	20.46	54.81	-	-	P	V
		17920	58.72	-15.28	74	43.11	47.62	25.26	57.27	-	-	P	V
		17920	47.43	-6.57	54	31.82	47.62	25.26	57.27	-	-	A	V
		19215	34.12	-39.88	74	54.39	38.44	-3.65	55.06	-	-	P	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 5955~6425MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 7 5985MHz		5917.16	56.91	-31.29	88.2	40.76	32.23	13.81	29.89	302	62	P	H
		5923.24	47.78	-20.42	68.2	31.61	32.25	13.81	29.89	302	62	A	H
		5030	55.93	-18.07	74	41.12	31.56	12.9	29.65	302	62	P	H
		5030	45.46	-8.54	54	30.65	31.56	12.9	29.65	302	62	A	H
	*	5985	103.96	-	-	87.7	32.37	13.8	29.91	302	62	P	H
	*	5985	93.56	-	-	77.3	32.37	13.8	29.91	302	62	A	H
		5925	56.98	-31.22	88.2	40.81	32.25	13.81	29.89	360	139	P	V
		5924.84	47.65	-20.55	68.2	31.48	32.25	13.81	29.89	360	139	A	V
		4713.8	54.88	-19.12	74	40.66	31.13	12.69	29.6	360	139	P	V
		4713.8	44.73	-9.27	54	30.51	31.13	12.69	29.6	360	139	A	V
	*	5985	103.72	-	-	87.46	32.37	13.8	29.91	360	139	P	V
	*	5985	94.31	-	-	78.05	32.37	13.8	29.91	360	139	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5955~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 7 5985MHz		11970	47.51	-26.49	74	43.89	38.73	20.01	55.12	-	-	P	H
		17955	57.96	-16.04	74	41.62	48.35	25.27	57.28	-	-	P	H
		17955	47.64	-6.36	54	31.3	48.35	25.27	57.28	-	-	A	H
		11970	46.74	-27.26	74	43.12	38.73	20.01	55.12	-	-	P	V
		17955	58.38	-15.62	74	42.04	48.35	25.27	57.28	-	-	P	V
		17955	47.71	-6.29	54	31.37	48.35	25.27	57.28	-	-	A	V
802.11ax HE80 Full CH 55 6225MHz		12450	45.65	-28.35	74	42.25	38.15	20.26	55.01	-	-	P	H
		17992	58.71	-15.29	74	41.58	49.13	25.3	57.3	-	-	P	H
		17992	47.83	-6.17	54	30.7	49.13	25.3	57.3	-	-	A	H
		18675	35.56	-38.44	74	56.19	38.29	-3.62	55.3	-	-	P	H
		12450	46.34	-27.66	74	42.94	38.15	20.26	55.01	-	-	P	V
		17992	59.03	-14.97	74	41.9	49.13	25.3	57.3	-	-	P	V
		17992	47.62	-6.38	54	30.49	49.13	25.3	57.3	-	-	A	V
		18675	35.56	-38.44	74	56.19	38.29	-3.62	55.3	-	-	P	V
802.11ax HE80 Full CH 87 6285MHz		12570	45.69	-28.31	74	42.25	38.07	20.33	54.96	-	-	P	H
		17984	59.35	-14.65	74	42.39	48.96	25.29	57.29	-	-	P	H
		17984	47.73	-6.27	54	30.77	48.96	25.29	57.29	-	-	A	H
		18855	32.94	-41.06	74	53.37	38.41	-3.65	55.19	-	-	P	H
		12570	46.45	-27.55	74	43.01	38.07	20.33	54.96	-	-	P	V
		17992	59.42	-14.58	74	42.29	49.13	25.3	57.3	-	-	P	V
		17992	47.98	-6.02	54	30.85	49.13	25.3	57.3	-	-	A	V
		18855	33.18	-40.82	74	53.61	38.41	-3.65	55.19	-	-	P	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 5955~6425MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		5916.84	75.23	-12.97	88.2	59.08	32.23	13.81	29.89	268	64	P	H
		5907.56	64.03	-4.17	68.2	47.88	32.22	13.81	29.88	268	64	A	H
		4968	55.02	-18.98	74	40.43	31.37	12.86	29.64	268	64	P	H
		4968	45.1	-8.9	54	30.51	31.37	12.86	29.64	268	64	A	H
	*	6025	104.11	-	-	87.82	32.35	13.87	29.93	268	64	P	H
	*	6025	94.89	-	-	78.6	32.35	13.87	29.93	268	64	A	H
		5913.64	73.99	-14.21	88.2	57.84	32.23	13.81	29.89	379	123	P	V
		5907.56	63.6	-4.6	68.2	47.45	32.22	13.81	29.88	379	123	A	V
		5135.4	55.15	-18.85	74	39.99	31.8	13.03	29.67	379	123	P	V
		5135.4	45.8	-8.2	54	30.64	31.8	13.03	29.67	379	123	A	V
	*	6025	104.89	-	-	88.6	32.35	13.87	29.93	379	123	P	V
	*	6025	95.21	-	-	78.92	32.35	13.87	29.93	379	123	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5955~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz		12050	47.33	-26.67	74	43.51	38.85	20.06	55.09	-	-	P	H
		17992	59.36	-14.64	74	42.23	49.13	25.3	57.3	-	-	P	H
		17992	47.58	-6.42	54	30.45	49.13	25.3	57.3	-	-	A	H
		18075	34.09	-39.91	74	55.68	37.96	-3.72	55.83	-	-	P	H
		12050	48.05	-25.95	74	44.23	38.85	20.06	55.09	-	-	P	V
		17992	59.77	-14.23	74	42.64	49.13	25.3	57.3	-	-	P	V
		17992	47.51	-6.49	54	30.38	49.13	25.3	57.3	-	-	A	V
		18075	39.4	-34.6	74	60.99	37.96	-3.72	55.83	-	-	P	V
802.11ax HE160 Full CH 47 6185MHz		12370	47.11	-26.89	74	43.59	38.33	20.22	55.03	-	-	P	H
		17992	60.27	-13.73	74	43.14	49.13	25.3	57.3	-	-	P	H
		17992	47.46	-6.54	54	30.33	49.13	25.3	57.3	-	-	A	H
		18555	35.7	-38.3	74	56.24	38.43	-3.6	55.37	-	-	P	H
		12370	46.53	-27.47	74	43.01	38.33	20.22	55.03	-	-	P	V
		18000	61.03	-12.97	74	43.73	49.3	25.3	57.3	-	-	P	V
		18000	47.42	-6.58	54	30.12	49.3	25.3	57.3	-	-	A	V
		18555	37.48	-36.52	74	58.02	38.43	-3.6	55.37	-	-	P	V
802.11ax HE160 Full CH 79 6345MHz		12690	46.55	-27.45	74	42.59	38.46	20.39	54.89	-	-	P	H
		17976	60.43	-13.57	74	43.63	48.8	25.29	57.29	-	-	P	H
		17976	47.52	-6.48	54	30.72	48.8	25.29	57.29	-	-	A	H
		19035	35.78	-38.22	74	55.88	38.66	-3.67	55.09	-	-	P	H
		12690	47.43	-26.57	74	43.47	38.46	20.39	54.89	-	-	P	V
		18000	59.11	-14.89	74	41.81	49.3	25.3	57.3	-	-	P	V
		18000	47.43	-6.57	54	30.13	49.3	25.3	57.3	-	-	A	V
		19035	34.21	-39.79	74	54.31	38.66	-3.67	55.09	-	-	P	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 6 6425~6525MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE20 Full CH 97 6435MHz		12870	47.68	-40.52	88.2	43.16	38.81	20.49	54.78	-	-	P	H
		18000	59.4	-14.6	74	42.1	49.3	25.3	57.3	-	-	P	H
		18000	47.65	-6.35	54	30.35	49.3	25.3	57.3	-	-	A	H
		19305	34.6	-39.4	74	54.96	38.33	-3.65	55.04	-	-	P	H
		12870	46.82	-41.38	88.2	42.3	38.81	20.49	54.78	-	-	P	V
		17920	59.66	-14.34	74	44.05	47.62	25.26	57.27	-	-	P	V
		17920	47.27	-6.73	54	31.66	47.62	25.26	57.27	-	-	A	V
		19305	35.21	-38.79	74	55.57	38.33	-3.65	55.04	-	-	P	V
802.11a HE20 Full CH 105 6475MHz		12950	47.85	-40.35	88.2	43.15	38.9	20.53	54.73	-	-	P	H
		17984	59.89	-14.11	74	42.93	48.96	25.29	57.29	-	-	P	H
		17984	47.48	-6.52	54	30.52	48.96	25.29	57.29	-	-	A	H
		19425	34.28	-39.72	74	54.74	38.19	-3.64	55.01	-	-	P	H
		12950	47.33	-40.87	88.2	42.63	38.9	20.53	54.73	-	-	P	V
		18000	59.4	-14.6	74	42.1	49.3	25.3	57.3	-	-	P	V
		18000	47.53	-6.47	54	30.23	49.3	25.3	57.3	-	-	A	V
		19425	35.43	-38.57	74	55.89	38.19	-3.64	55.01	-	-	P	V
802.11a HE20 Full CH 113 6515MHz		13030	46.71	-41.49	88.2	41.95	38.87	20.59	54.7	-	-	P	H
		18000	59.83	-14.17	74	42.53	49.3	25.3	57.3	-	-	P	H
		18000	47.55	-6.45	54	30.25	49.3	25.3	57.3	-	-	A	H
		19545	32.05	-41.95	74	52.51	38.15	-3.62	54.99	-	-	P	H
		13030	48.09	-40.11	88.2	43.33	38.87	20.59	54.7	-	-	P	V
		17992	59.57	-14.43	74	42.44	49.13	25.3	57.3	-	-	P	V
		17992	47.54	-6.46	54	30.41	49.13	25.3	57.3	-	-	A	V
		19545	32.39	-41.61	74	52.85	38.15	-3.62	54.99	-	-	P	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 6 6425~6525MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 99 6445MHz		12890	47.59	-40.61	88.2	42.99	38.87	20.5	54.77	-	-	P	H
		18000	60.67	-13.33	74	43.37	49.3	25.3	57.3	-	-	P	H
		18000	47.46	-6.54	54	30.16	49.3	25.3	57.3	-	-	A	H
		19335	36.33	-37.67	74	56.7	38.3	-3.64	55.03	-	-	P	H
		12890	47.03	-41.17	88.2	42.43	38.87	20.5	54.77	-	-	P	V
		17928	59.71	-14.29	74	43.92	47.79	25.27	57.27	-	-	P	V
		17928	47.24	-6.76	54	31.45	47.79	25.27	57.27	-	-	A	V
		19335	34.67	-39.33	74	55.04	38.3	-3.64	55.03	-	-	P	V
802.11ax HE40 Full CH 107 6485MHz		12970	48.11	-40.09	88.2	43.38	38.9	20.55	54.72	-	-	P	H
		18000	60.67	-13.33	74	43.37	49.3	25.3	57.3	-	-	P	H
		18000	47.51	-6.49	54	30.21	49.3	25.3	57.3	-	-	A	H
		19455	34.86	-39.14	74	55.35	38.15	-3.63	55.01	-	-	P	H
		12970	47.12	-41.08	88.2	42.39	38.9	20.55	54.72	-	-	P	V
		17928	59.71	-14.29	74	43.92	47.79	25.27	57.27	-	-	P	V
		17928	47.27	-6.73	54	31.48	47.79	25.27	57.27	-	-	A	V
		19455	34.14	-39.86	74	54.63	38.15	-3.63	55.01	-	-	P	V
802.11ax HE40 Full CH 115 6525MHz		13050	47.73	-40.47	88.2	42.96	38.85	20.62	54.7	-	-	P	H
		18000	60.67	-13.33	74	43.37	49.3	25.3	57.3	-	-	P	H
		18000	47.58	-6.42	54	30.28	49.3	25.3	57.3	-	-	A	H
		19575	31.97	-42.03	74	52.39	38.19	-3.62	54.99	-	-	P	H
		13050	46.77	-41.43	88.2	42	38.85	20.62	54.7	-	-	P	V
		17928	59.71	-14.29	74	43.92	47.79	25.27	57.27	-	-	P	V
		17928	47.38	-6.62	54	31.59	47.79	25.27	57.27	-	-	A	V
		19575	34.13	-39.87	74	54.55	38.19	-3.62	54.99	-	-	P	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 6 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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)
02.11ax HE80 Full CH 103 6465MHz		12930	47.06	-41.14	88.2	42.38	38.9	20.52	54.74	-	-	P	H
		17992	59.45	-14.55	74	42.32	49.13	25.3	57.3	-	-	P	H
		17992	47.43	-6.57	54	30.3	49.13	25.3	57.3	-	-	A	H
		19395	34.01	-39.99	74	54.44	38.23	-3.64	55.02	-	-	P	H
		12930	47.43	-40.77	88.2	42.75	38.9	20.52	54.74	-	-	P	V
		18000	60.03	-13.97	74	42.73	49.3	25.3	57.3	-	-	P	V
		18000	47.64	-6.36	54	30.34	49.3	25.3	57.3	-	-	A	V
		19395	34.25	-39.75	74	54.68	38.23	-3.64	55.02	-	-	P	V
802.11ax HE80 Full CH 119 6545MHz		13090	47.58	-40.62	88.2	42.81	38.81	20.66	54.7	-	-	P	H
		17992	59.45	-14.55	74	42.32	49.13	25.3	57.3	-	-	P	H
		17992	47.54	-6.46	54	30.41	49.13	25.3	57.3	-	-	A	H
		19635	32.79	-41.21	74	53.1	38.26	-3.6	54.97	-	-	P	H
		13090	48.34	-39.86	88.2	43.57	38.81	20.66	54.7	-	-	P	V
		18000	60.03	-13.97	74	42.73	49.3	25.3	57.3	-	-	P	V
		18000	47.58	-6.42	54	30.28	49.3	25.3	57.3	-	-	A	V
		19635	33.26	-40.74	74	53.57	38.26	-3.6	54.97	-	-	P	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 6 6425~6525MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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)
02.11ax HE160 Full CH 111 6505MHz		13010	47.23	-40.97	88.2	42.47	38.89	20.57	54.7	-	-	P	H
		18000	60.08	-13.92	74	42.78	49.3	25.3	57.3	-	-	P	H
		18000	47.66	-6.34	54	30.36	49.3	25.3	57.3	-	-	A	H
		19515	34.76	-39.24	74	55.27	38.12	-3.63	55	-	-	P	H
		13010	48.09	-40.11	88.2	43.33	38.89	20.57	54.7	-	-	P	V
		18000	59.42	-14.58	74	42.12	49.3	25.3	57.3	-	-	P	V
		18000	47.54	-6.46	54	30.24	49.3	25.3	57.3	-	-	A	V
		19515	34.78	-39.22	74	55.29	38.12	-3.63	55	-	-	P	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 7 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 117 6535MHz		13070	47.93	-40.27	88.2	43.16	38.83	20.64	54.7	-	-	P	H
		17920	59.82	-14.18	74	44.21	47.62	25.26	57.27	-	-	P	H
		17920	47.17	-6.83	54	31.56	47.62	25.26	57.27	-	-	A	H
		19605	34.44	-39.56	74	54.8	38.23	-3.61	54.98	-	-	P	H
		13070	47.72	-40.48	88.2	42.95	38.83	20.64	54.7	-	-	P	V
		18000	59.28	-14.72	74	41.98	49.3	25.3	57.3	-	-	P	V
		18000	47.52	-6.48	54	30.22	49.3	25.3	57.3	-	-	A	V
		19605	36.37	-37.63	74	56.73	38.23	-3.61	54.98	-	-	P	V
802.11ax HE20 Full CH 149 6695MHz		13390	48.06	-25.94	74	42.13	39.64	20.99	54.7	-	-	P	H
		17992	59.63	-14.37	74	42.5	49.13	25.3	57.3	-	-	P	H
		17992	47.59	-6.41	54	30.46	49.13	25.3	57.3	-	-	A	H
		20085	33.9	-40.1	74	54.15	38.17	-3.52	54.9	-	-	P	H
		13390	47.75	-26.25	74	41.82	39.64	20.99	54.7	-	-	P	V
		18000	60.17	-13.83	74	42.87	49.3	25.3	57.3	-	-	P	V
		18000	47.52	-6.48	54	30.22	49.3	25.3	57.3	-	-	A	V
		20085	34.01	-39.99	74	54.26	38.17	-3.52	54.9	-	-	P	V
802.11ax HE20 Full CH 181 6855MHz		13710	49.06	-39.14	88.2	41.95	40.31	21.33	54.53	-	-	P	H
		17936	59.7	-14.3	74	43.74	47.96	25.27	57.27	-	-	P	H
		17936	47.32	-6.68	54	31.36	47.96	25.27	57.27	-	-	A	H
		20565	34.58	-39.42	74	54.78	38.15	-3.48	54.87	-	-	P	H
		13710	49.66	-38.54	88.2	42.55	40.31	21.33	54.53	-	-	P	V
		17944	59.53	-14.47	74	43.42	48.12	25.27	57.28	-	-	P	V
		17944	47.56	-6.44	54	31.45	48.12	25.27	57.28	-	-	A	V
		20565	33.95	-40.05	74	54.15	38.15	-3.48	54.87	-	-	P	V

802.11ax HE20 Full CH 185 6875MHz		13750	49.03	-39.17	88.2	48.55	40.35	21.38	61.25	-	-	P	H
		18000	58.64	-15.36	74	40.84	49.3	25.3	56.8	-	-	P	H
		18000	47.75	-6.25	54	29.95	49.3	25.3	56.8	-	-	A	H
		20625	34.16	-39.84	74	54.27	38.2	-3.46	54.85	-	-	P	H
		13750	48.56	-39.64	88.2	48.08	40.35	21.38	61.25	-	-	P	V
		17992	58.41	-15.59	74	40.79	49.13	25.3	56.81	-	-	P	V
		17992	47.68	-6.32	54	30.06	49.13	25.3	56.81	-	-	A	V
		20625	33.32	-40.68	74	53.43	38.2	-3.46	54.85	-	-	P	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 7 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 123 6565MHz		13130	47.22	-40.98	88.2	42.36	38.86	20.7	54.7	-	-	P	H
		18000	59.18	-14.82	74	41.88	49.3	25.3	57.3	-	-	P	H
		18000	47.48	-6.52	54	30.18	49.3	25.3	57.3	-	-	A	H
		19695	35	-39	74	55.22	38.33	-3.59	54.96	-	-	P	H
		13130	47.56	-40.64	88.2	42.7	38.86	20.7	54.7	-	-	P	V
		17936	59.44	-14.56	74	43.48	47.96	25.27	57.27	-	-	P	V
		17936	47.52	-6.48	54	31.56	47.96	25.27	57.27	-	-	A	V
		19695	34.88	-39.12	74	55.1	38.33	-3.59	54.96	-	-	P	V
802.11ax HE40 Full CH 147 6685MHz		13370	47.98	-26.02	74	42.19	39.52	20.97	54.7	-	-	P	H
		18000	59.6	-14.4	74	42.3	49.3	25.3	57.3	-	-	P	H
		18000	47.59	-6.41	54	30.29	49.3	25.3	57.3	-	-	A	H
		20055	35.16	-38.84	74	55.41	38.18	-3.53	54.9	-	-	P	H
		13370	47.4	-26.6	74	41.61	39.52	20.97	54.7	-	-	P	V
		18000	59.61	-14.39	74	42.31	49.3	25.3	57.3	-	-	P	V
		18000	47.57	-6.43	54	30.27	49.3	25.3	57.3	-	-	A	V
		20055	34.15	-39.85	74	54.4	38.18	-3.53	54.9	-	-	P	V
802.11ax HE40 Full CH 179 6845MHz		13690	48.96	-39.24	88.2	41.91	40.29	21.31	54.55	-	-	P	H
		17984	59.36	-14.64	74	42.4	48.96	25.29	57.29	-	-	P	H
		17984	47.47	-6.53	54	30.51	48.96	25.29	57.29	-	-	A	H
		20535	35.16	-38.84	74	55.41	38.13	-3.49	54.89	-	-	P	H
		13690	48.54	-39.66	88.2	41.49	40.29	21.31	54.55	-	-	P	V
		17992	59.49	-14.51	74	42.36	49.13	25.3	57.3	-	-	P	V
		17992	47.55	-6.45	54	30.42	49.13	25.3	57.3	-	-	A	V
		20535	34.97	-39.03	74	55.22	38.13	-3.49	54.89	-	-	P	V

802.11ax HE40 Full CH 187 66885MHz		13770	49.01	-39.19	88.2	48.49	40.37	21.4	61.25	-	-	P	H
		17992	58.71	-15.29	74	41.09	49.13	25.3	56.81	-	-	P	H
		17992	47.7	-6.3	54	30.08	49.13	25.3	56.81	-	-	A	H
		20655	32.71	-41.29	74	52.78	38.22	-3.45	54.84	-	-	P	H
		13770	48.68	-39.52	88.2	48.16	40.37	21.4	61.25	-	-	P	V
		18000	59.07	-14.93	74	41.27	49.3	25.3	56.8	-	-	P	V
		18000	47.81	-6.19	54	30.01	49.3	25.3	56.8	-	-	A	V
		20655	32.6	-41.4	74	52.67	38.22	-3.45	54.84	-	-	P	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 7 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 135 6625MHz		13250	48.98	-25.02	74	43.8	39.05	20.83	54.7	-	-	P	H
		17992	59.67	-14.33	74	42.54	49.13	25.3	57.3	-	-	P	H
		17992	47.56	-6.44	54	30.43	49.13	25.3	57.3	-	-	A	H
		19875	33.88	-40.12	74	54.06	38.3	-3.55	54.93	-	-	P	H
		13250	46.99	-27.01	74	41.81	39.05	20.83	54.7	-	-	P	V
		17928	58.77	-15.23	74	42.98	47.79	25.27	57.27	-	-	P	V
		17928	47.25	-6.75	54	31.46	47.79	25.27	57.27	-	-	A	V
		19875	33.1	-40.9	74	53.28	38.3	-3.55	54.93	-	-	P	V
802.11ax HE80 Full CH 151 6705MHz		13410	47.58	-40.62	88.2	41.54	39.73	21.01	54.7	-	-	P	H
		17960	59.08	-14.92	74	42.62	48.46	25.28	57.28	-	-	P	H
		17960	47.22	-6.78	54	30.76	48.46	25.28	57.28	-	-	A	H
		20115	35.12	-38.88	74	55.39	38.15	-3.52	54.9	-	-	P	H
		13410	47.08	-41.12	88.2	41.04	39.73	21.01	54.7	-	-	P	V
		17976	59.11	-14.89	74	42.31	48.8	25.29	57.29	-	-	P	V
		17976	47.42	-6.58	54	30.62	48.8	25.29	57.29	-	-	A	V
		20115	35.53	-38.47	74	55.8	38.15	-3.52	54.9	-	-	P	V
802.11ax HE80 Full CH 167 6785MHz		13570	47.7	-40.5	88.2	41.02	40.14	21.18	54.64	-	-	P	H
		17976	60.06	-13.94	74	43.26	48.8	25.29	57.29	-	-	P	H
		17976	47.51	-6.49	54	30.71	48.8	25.29	57.29	-	-	A	H
		20355	33.24	-40.76	74	53.55	38.1	-3.51	54.9	-	-	P	H
		13570	47.77	-40.43	88.2	41.09	40.14	21.18	54.64	-	-	P	V
		18000	59.31	-14.69	74	42.01	49.3	25.3	57.3	-	-	P	V
		18000	47.54	-6.46	54	30.24	49.3	25.3	57.3	-	-	A	V
		20355	34.46	-39.54	74	54.77	38.1	-3.51	54.9	-	-	P	V

802.11ax HE80 Full CH 183 6865MHz		13730	48.56	-39.64	88.2	48.13	40.33	21.35	61.25	-	-	P	H
		17936	58.46	-15.54	74	42.11	47.96	25.27	56.88	-	-	P	H
		17936	47.5	-6.5	54	31.15	47.96	25.27	56.88	-	-	A	H
		20595	34.29	-39.71	74	54.44	38.18	-3.47	54.86	-	-	P	H
		13730	48.89	-39.31	88.2	48.46	40.33	21.35	61.25	-	-	P	V
		17992	58.43	-15.57	74	40.81	49.13	25.3	56.81	-	-	P	V
		17992	47.76	-6.24	54	30.14	49.13	25.3	56.81	-	-	A	V
		20595	33.68	-40.32	74	53.83	38.18	-3.47	54.86	-	-	P	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 7 6525~6875MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 143 6665MHz		13330	47	-27	74	41.5	39.28	20.92	54.7	-	-	P	H
		18000	59.85	-14.15	74	42.55	49.3	25.3	57.3	-	-	P	H
		18000	47.61	-6.39	54	30.31	49.3	25.3	57.3	-	-	A	H
		19995	33.67	-40.33	74	53.9	38.2	-3.53	54.9	-	-	P	H
		13330	47.88	-26.12	74	42.38	39.28	20.92	54.7	-	-	P	V
		18000	59.45	-14.55	74	42.15	49.3	25.3	57.3	-	-	P	V
		18000	47.54	-6.46	54	30.24	49.3	25.3	57.3	-	-	A	V
		19995	33.79	-40.21	74	54.02	38.2	-3.53	54.9	-	-	P	V
802.11ax HE160 Full CH 175 6825MHz		13650	49.24	-38.96	88.2	42.3	40.25	21.27	54.58	-	-	P	H
		17992	58.94	-15.06	74	41.81	49.13	25.3	57.3	-	-	P	H
		17992	47.52	-6.48	54	30.39	49.13	25.3	57.3	-	-	A	H
		20475	34.87	-39.13	74	55.17	38.1	-3.5	54.9	-	-	P	H
		13650	49	-39.2	88.2	42.06	40.25	21.27	54.58	-	-	P	V
		17920	58.97	-15.03	74	43.36	47.62	25.26	57.27	-	-	P	V
		17920	47.15	-6.85	54	31.54	47.62	25.26	57.27	-	-	A	V
		20475	34.83	-39.17	74	55.13	38.1	-3.5	54.9	-	-	P	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 8 - 6875~7125MHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 CH 229 7095MHz		5023.8	54.89	-19.11	74	40.1	31.55	12.89	29.65	237	299	P	H
		5023.8	44.59	-9.41	54	29.8	31.55	12.89	29.65	237	299	A	H
	*	7095	102.38	-	-	81.81	35.76	15.43	30.62	237	299	P	H
	*	7095	91.97	-	-	71.4	35.76	15.43	30.62	237	299	A	H
		7127.4	61.02	-27.18	88.2	40.37	35.85	15.43	30.63	237	299	P	H
		7130.6	49.77	-18.43	68.2	29.11	35.86	15.43	30.63	237	299	A	H
		4937	55.4	-18.6	74	40.93	31.25	12.86	29.64	100	149	P	V
		4937	44.39	-9.61	54	29.92	31.25	12.86	29.64	100	149	A	V
	*	7095	100.45	-	-	79.88	35.76	15.43	30.62	100	149	P	V
	*	7095	90.89	-	-	70.32	35.76	15.43	30.62	100	149	A	V
		7222.76	59.62	-28.58	88.2	38.71	36.09	15.5	30.68	100	149	P	V
		7161.64	49.77	-18.43	68.2	29.06	35.92	15.44	30.65	100	149	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE20 Full CH 189 6895MHz		13790	48.72	-39.48	88.2	41.38	40.39	21.42	54.47	-	-	P	H
		18000	58.87	-15.13	74	41.57	49.3	25.3	57.3	-	-	P	H
		18000	47.62	-6.38	54	30.32	49.3	25.3	57.3	-	-	A	H
		20685	34.11	-39.89	74	54.13	38.25	-3.44	54.83	-	-	P	H
		13790	49.28	-38.92	88.2	41.94	40.39	21.42	54.47	-	-	P	V
		17992	59.63	-14.37	74	42.5	49.13	25.3	57.3	-	-	P	V
		17992	47.59	-6.41	54	30.46	49.13	25.3	57.3	-	-	A	V
		20685	33.94	-40.06	74	53.96	38.25	-3.44	54.83	-	-	P	V
802.11a HE20 Full CH 209 6995MHz		13990	50.29	-37.91	88.2	42.07	40.89	21.64	54.31	-	-	P	H
		17992	59.39	-14.61	74	42.26	49.13	25.3	57.3	-	-	P	H
		17992	47.62	-6.38	54	30.49	49.13	25.3	57.3	-	-	A	H
		20985	34.32	-39.68	74	54.46	37.92	-3.35	54.71	-	-	P	H
		13990	50.04	-38.16	88.2	41.82	40.89	21.64	54.31	-	-	P	V
		17992	59.04	-14.96	74	41.91	49.13	25.3	57.3	-	-	P	V
		17992	47.58	-6.42	54	30.45	49.13	25.3	57.3	-	-	A	V
		20985	34.37	-39.63	74	54.51	37.92	-3.35	54.71	-	-	P	V
802.11a HE20 Full CH 229 7095MHz		14190	50.76	-37.44	88.2	41.98	41.48	21.75	54.45	-	-	P	H
		17992	59.61	-14.39	74	42.48	49.13	25.3	57.3	-	-	P	H
		17992	47.51	-6.49	54	30.38	49.13	25.3	57.3	-	-	A	H
		21285	34.5	-39.5	74	54.09	38.4	-3.29	54.7	-	-	P	H
		14190	49.98	-38.22	88.2	41.2	41.48	21.75	54.45	-	-	P	V
		18000	58.4	-15.6	74	41.1	49.3	25.3	57.3	-	-	P	V
		18000	47.59	-6.41	54	30.29	49.3	25.3	57.3	-	-	A	V
		21285	33.63	-40.37	74	53.22	38.4	-3.29	54.7	-	-	P	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 8 - 6875~7125MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 227 7085MHz		5098.2	55.44	-18.56	74	40.34	31.79	12.98	29.67	239	307	P	H
		5098.2	44.97	-9.03	54	29.87	31.79	12.98	29.67	239	307	A	H
	*	7085	103.14	-	-	82.64	35.68	15.43	30.61	239	307	P	H
	*	7085	93.01	-	-	72.51	35.68	15.43	30.61	239	307	A	H
		7160.36	60.97	-27.23	88.2	40.26	35.92	15.44	30.65	239	307	P	H
		7143.08	49.82	-18.38	68.2	29.14	35.89	15.43	30.64	239	307	A	H
		4645.6	54.78	-19.22	74	40.84	30.98	12.55	29.59	100	149	P	V
		4645.6	44.17	-9.83	54	30.23	30.98	12.55	29.59	100	149	A	V
	*	7085	101.44	-	-	80.94	35.68	15.43	30.61	100	149	P	V
	*	7085	91.24	-	-	70.74	35.68	15.43	30.61	100	149	A	V
		7156.52	59.24	-28.96	88.2	38.54	35.91	15.44	30.65	100	149	P	V
		7141.48	49.68	-18.52	68.2	29.01	35.88	15.43	30.64	100	149	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 195 6925MHz		13850	48.75	-39.45	88.2	41.09	40.6	21.48	54.42	-	-	P	H
		17992	58.65	-15.35	74	41.52	49.13	25.3	57.3	-	-	P	H
		17992	47.58	-6.42	54	30.45	49.13	25.3	57.3	-	-	A	H
		20775	34.08	-39.92	74	54.03	38.26	-3.42	54.79	-	-	P	H
		13850	48.82	-39.38	88.2	41.16	40.6	21.48	54.42	-	-	P	V
		18000	59.01	-14.99	74	41.71	49.3	25.3	57.3	-	-	P	V
		18000	47.49	-6.51	54	30.19	49.3	25.3	57.3	-	-	A	V
		20775	33.71	-40.29	74	53.66	38.26	-3.42	54.79	-	-	P	V
802.11ax HE40 Full CH 211 7005MHz		14010	49.43	-38.77	88.2	41.14	40.94	21.66	54.31	-	-	P	H
		17992	58.99	-15.01	74	41.86	49.13	25.3	57.3	-	-	P	H
		17992	47.54	-6.46	54	30.41	49.13	25.3	57.3	-	-	A	H
		21015	33.61	-40.39	74	53.73	37.93	-3.35	54.7	-	-	P	H
		14010	49.11	-39.09	88.2	40.82	40.94	21.66	54.31	-	-	P	V
		18000	58.42	-15.58	74	41.12	49.3	25.3	57.3	-	-	P	V
		18000	47.55	-6.45	54	30.25	49.3	25.3	57.3	-	-	A	V
		21015	34.18	-39.82	74	54.3	37.93	-3.35	54.7	-	-	P	V
802.11ax HE40 Full CH 227 7085MHz		14170	50.22	-37.98	88.2	41.48	41.44	21.74	54.44	-	-	P	H
		17984	58.31	-15.69	74	41.35	48.96	25.29	57.29	-	-	P	H
		17984	47.65	-6.35	54	30.69	48.96	25.29	57.29	-	-	A	H
		21255	34.15	-39.85	74	53.74	38.4	-3.29	54.7	-	-	P	H
		14170	49.22	-38.98	88.2	40.48	41.44	21.74	54.44	-	-	P	V
		18000	58.72	-15.28	74	41.42	49.3	25.3	57.3	-	-	P	V
		18000	47.52	-6.48	54	30.22	49.3	25.3	57.3	-	-	A	V
		21255	34.25	-39.75	74	53.84	38.4	-3.29	54.7	-	-	P	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 8 - 6875~7125MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 215 7025MHz		5005.2	54.65	-19.35	74	39.92	31.51	12.87	29.65	241	306	P	H
		5005.2	45.34	-8.66	54	30.61	31.51	12.87	29.65	241	306	A	H
	*	7025	103.35	-	-	83.21	35.3	15.42	30.58	241	306	P	H
	*	7025	93.63	-	-	73.49	35.3	15.42	30.58	241	306	A	H
		7159.4	61.39	-26.81	88.2	40.68	35.92	15.44	30.65	241	306	P	H
		7148.2	51.01	-17.19	68.2	30.32	35.9	15.43	30.64	241	306	A	H
		5054.8	54.74	-19.26	74	39.85	31.62	12.93	29.66	100	153	P	V
		5054.8	45.4	-8.6	54	30.51	31.62	12.93	29.66	100	153	A	V
	*	7025	101.38	-	-	81.24	35.3	15.42	30.58	100	153	P	V
	*	7025	91.45	-	-	71.31	35.3	15.42	30.58	100	153	A	V
		7202.6	60.09	-28.11	88.2	39.3	36.01	15.45	30.67	100	153	P	V
		7139.24	50.74	-17.46	68.2	30.07	35.88	15.43	30.64	100	153	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 8 - 6875~7125MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 199 6945MHz		13890	49.36	-38.84	88.2	41.46	40.76	21.53	54.39	-	-	P	H
		18000	58.8	-15.2	74	41.5	49.3	25.3	57.3	-	-	P	H
		18000	47.57	-6.43	54	30.27	49.3	25.3	57.3	-	-	A	H
		20835	33.44	-40.56	74	53.45	38.16	-3.4	54.77	-	-	P	H
		13890	48.83	-39.37	88.2	40.93	40.76	21.53	54.39	-	-	P	V
		18000	58.87	-15.13	74	41.57	49.3	25.3	57.3	-	-	P	V
		18000	47.47	-6.53	54	30.17	49.3	25.3	57.3	-	-	A	V
		20835	33.66	-40.34	74	53.67	38.16	-3.4	54.77	-	-	P	V
802.11ax HE80 Full CH 215 7025MHz		14050	49.13	-39.07	88.2	40.7	41.1	21.67	54.34	-	-	P	H
		17992	58.72	-15.28	74	41.59	49.13	25.3	57.3	-	-	P	H
		17992	47.59	-6.41	54	30.46	49.13	25.3	57.3	-	-	A	H
		21075	34.25	-39.75	74	54.23	38.05	-3.33	54.7	-	-	P	H
		14050	49.32	-38.88	88.2	40.89	41.1	21.67	54.34	-	-	P	V
		18000	58.44	-15.56	74	41.14	49.3	25.3	57.3	-	-	P	V
		18000	47.56	-6.44	54	30.26	49.3	25.3	57.3	-	-	A	V
		21075	34.12	-39.88	74	54.1	38.05	-3.33	54.7	-	-	P	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 8 - 6875~7125MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz		5135.4	54.7	-19.3	74	39.54	31.8	13.03	29.67	243	307	P	H
		5135.4	45.6	-8.4	54	30.44	31.8	13.03	29.67	243	307	A	H
	*	6985	104.76	-	-	84.8	35.14	15.38	30.56	243	307	P	H
	*	6985	95.2	-	-	75.24	35.14	15.38	30.56	243	307	A	H
		7127.4	71.8	-16.4	88.2	51.15	35.85	15.43	30.63	243	307	P	H
		7136.68	61.38	-6.82	68.2	40.72	35.87	15.43	30.64	243	307	A	H
		4844	54.58	-19.42	74	40.15	31.19	12.87	29.63	105	153	P	V
		4844	45.14	-8.86	54	30.71	31.19	12.87	29.63	105	153	A	V
	*	6985	102.31	-	-	82.35	35.14	15.38	30.56	105	153	P	V
	*	6985	92.7	-	-	72.74	35.14	15.38	30.56	105	153	A	V
		7126.44	69.04	-19.16	88.2	48.39	35.85	15.43	30.63	105	153	P	V
		7136.36	59.44	-8.76	68.2	38.78	35.87	15.43	30.64	105	153	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 207 6985MHz		13970	51.3	-36.9	88.2	43.13	40.87	21.62	54.32	-	-	P	H
		18000	59.51	-14.49	74	42.21	49.3	25.3	57.3	-	-	P	H
		18000	47.57	-6.43	54	30.27	49.3	25.3	57.3	-	-	A	H
		20955	34.31	-39.69	74	54.42	37.97	-3.36	54.72	-	-	P	H
		13970	50.55	-37.65	88.2	42.38	40.87	21.62	54.32	-	-	P	V
		17992	59.62	-14.38	74	42.49	49.13	25.3	57.3	-	-	P	V
		17992	47.46	-6.54	54	30.33	49.13	25.3	57.3	-	-	A	V
		20955	34.14	-39.86	74	54.25	37.97	-3.36	54.72	-	-	P	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.												

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full LF		97.9	32.07	-11.43	43.5	46.97	15.88	1.52	32.3	-	-	P	H
		130.88	24.68	-18.82	43.5	37.52	17.62	1.81	32.27	-	-	P	H
		187.14	24.94	-18.56	43.5	39.87	15.05	2.25	32.23	-	-	P	H
		206.54	25.06	-18.44	43.5	39.73	15.22	2.37	32.26	-	-	P	H
		321	23.56	-22.44	46	33.23	19.57	3.02	32.26	-	-	P	H
		739.07	31.17	-14.83	46	30.77	28.07	4.68	32.35	-	-	P	H
													H
													H
													H
													H
													H
													H
		50.37	30.7	-9.3	40	47.83	14.2	0.97	32.3	-	-	P	V
		97.9	35.41	-8.09	43.5	50.31	15.88	1.52	32.3	-	-	P	V
		130.88	24.54	-18.96	43.5	37.38	17.62	1.81	32.27	-	-	P	V
		165.8	24.39	-19.11	43.5	38.48	16.07	2.08	32.24	-	-	P	V
		489.78	25.96	-20.04	46	30.59	23.99	3.75	32.37	-	-	P	V
		834.13	31.4	-14.6	46	29.63	28.79	5.03	32.05	-	-	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 with sufficient margin against limit line or 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 **over limit** 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	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	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. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

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. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

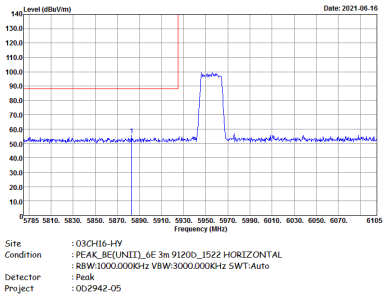
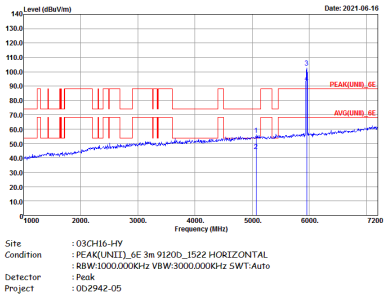
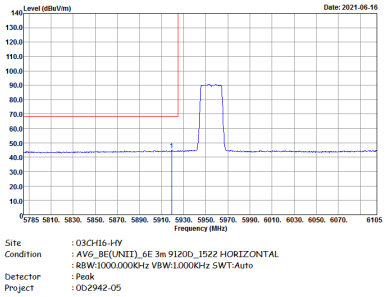
Test Engineer :	Karl Hou and Andy Yang	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

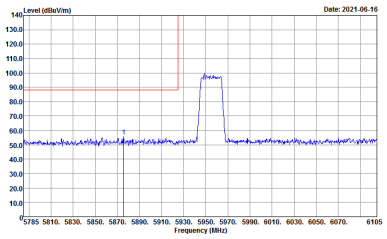
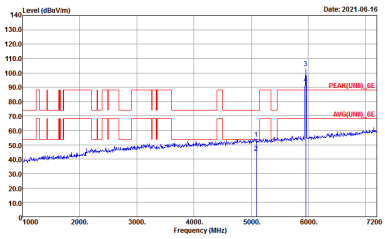
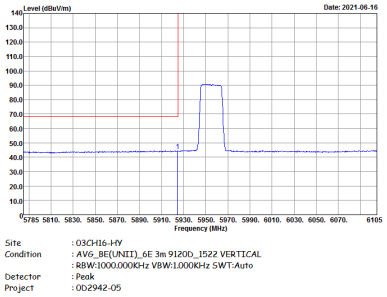
Note symbol

-L	**Low channel location**
-R	**High channel location**

Band 5 - 5925~6425MHz

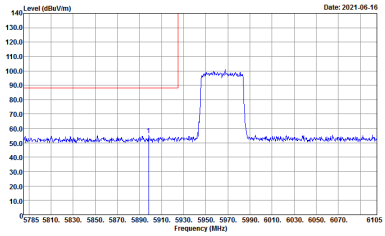
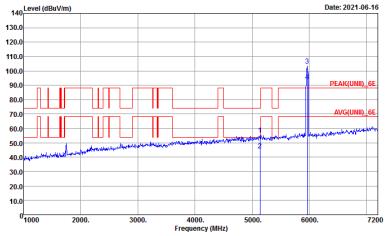
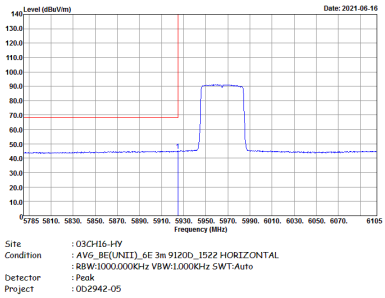
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

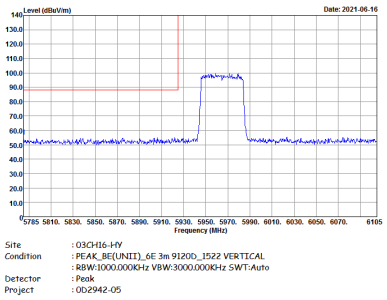
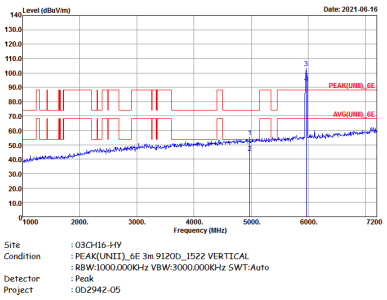
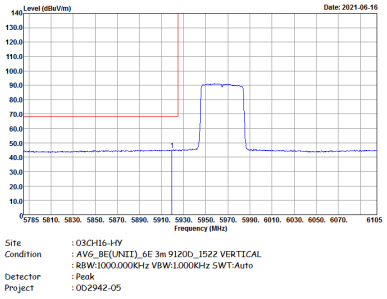
WIFI	5955 MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	5955 MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

Band - 5925~6425MHz

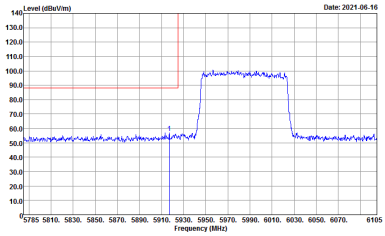
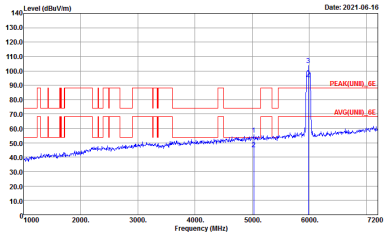
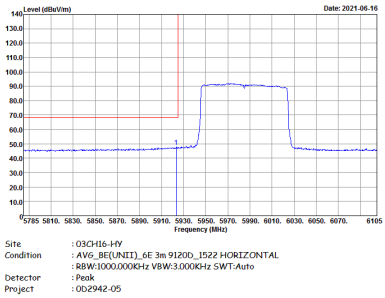
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

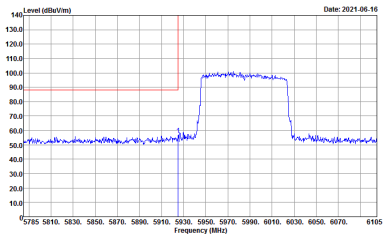
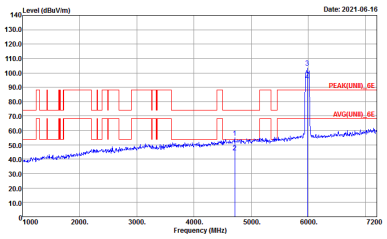
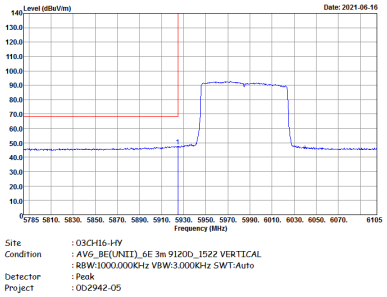
WIFI	5965 MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965 MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	5965 MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965 MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

Band5 - 5925~6425MHz

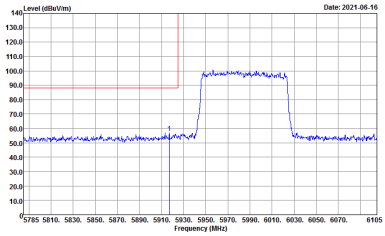
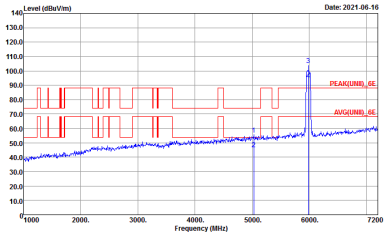
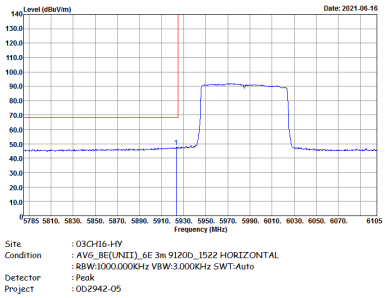
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

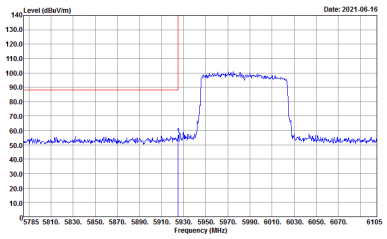
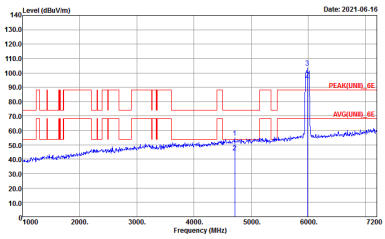
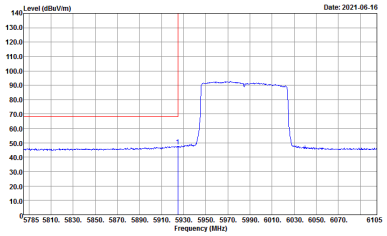
WIFI	5985 MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH7 5985MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	5985 MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH7 5985MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

Band5 - 5925~6425MHz

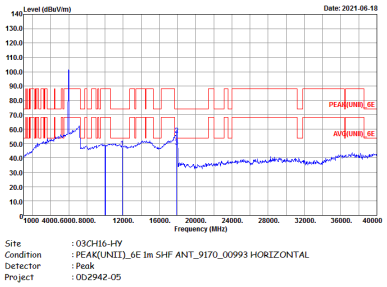
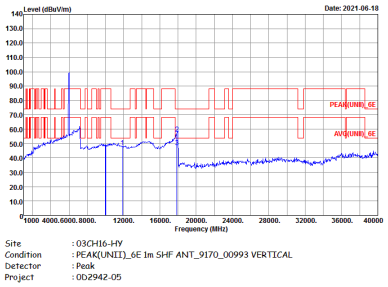
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

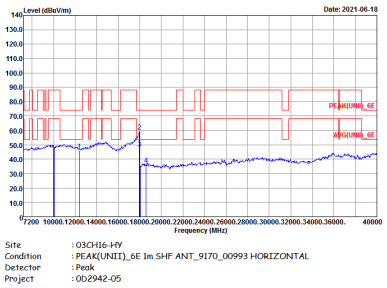
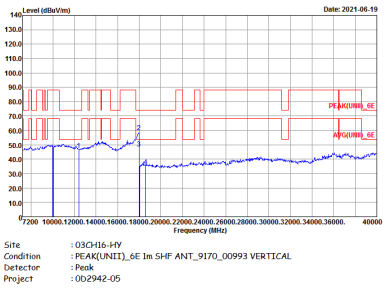
WIFI	5985 MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

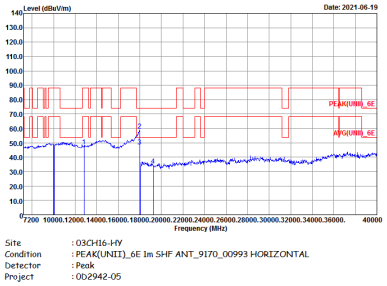
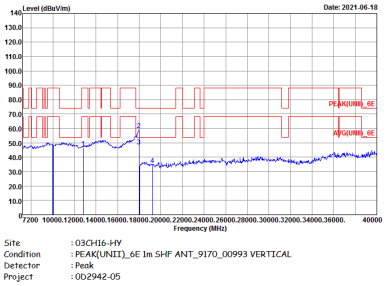
WIFI	5985 MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 0D2942-05
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNII)_6E 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 0D2942-05	Left blank

Band 5 - 5925~6425MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

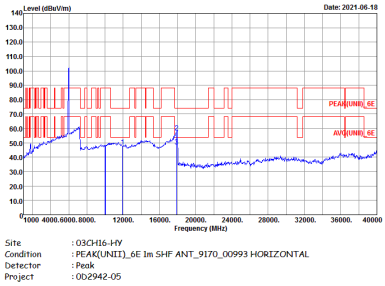
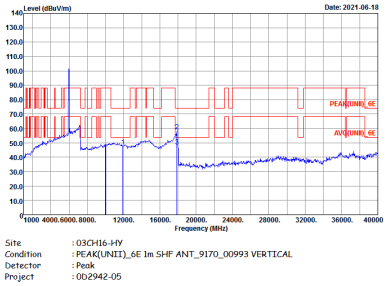
WIFI	5955 MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
4+3	Horizontal	Vertical
Peak Avg.		

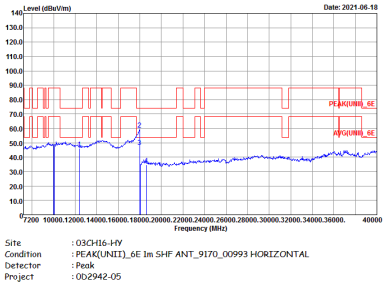
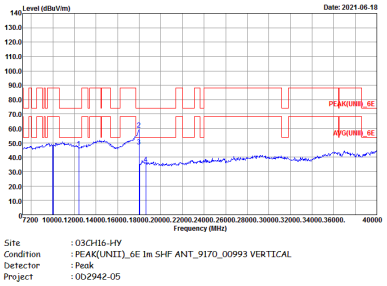
WIFI	6195MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

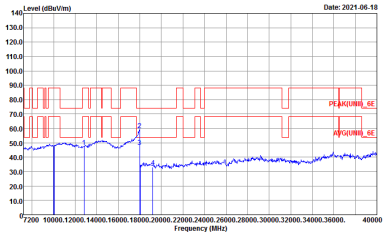
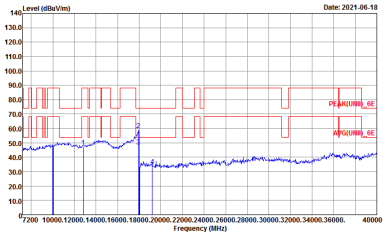
WIFI	6415MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

Band 5 - 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

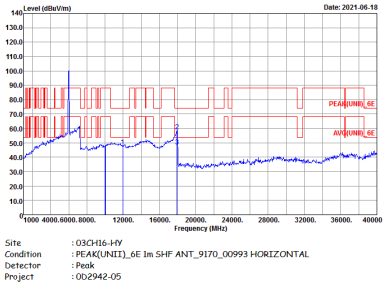
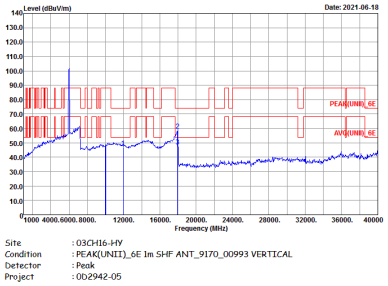
WIFI	5965 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH3 5965MHz	
4+3	Horizontal	Vertical
Peak Avg.		

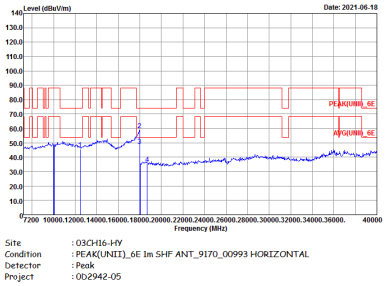
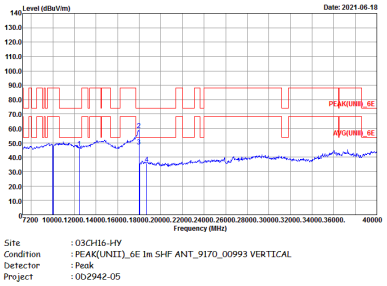
WIFI	6205 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205 MHz	
4+3	Horizontal	Vertical
Peak Avg.		

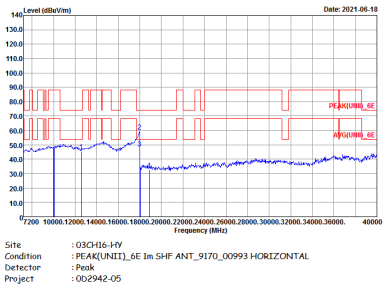
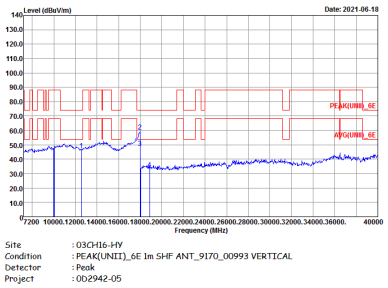
WIFI	6405 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405 MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

Band 5 - 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

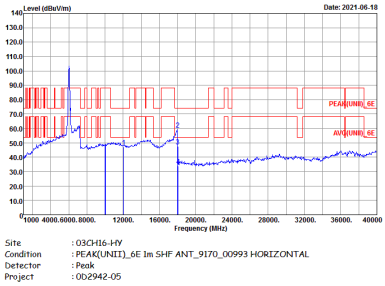
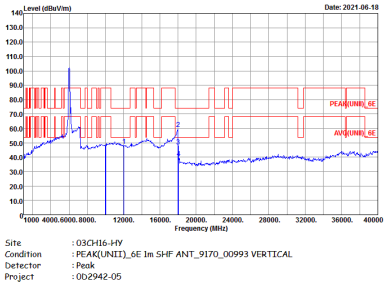
WIFI	5985MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH7 5985MHz	
4+3	Horizontal	Vertical
Peak Avg.		

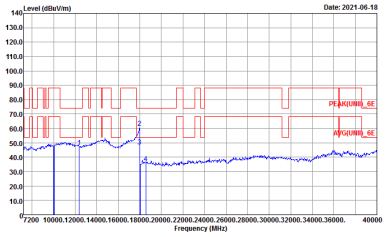
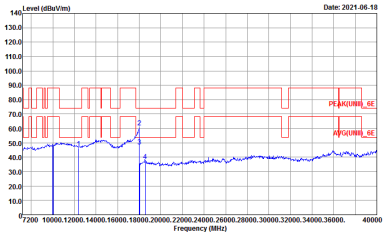
WIFI	6225MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full Ch55 6225MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

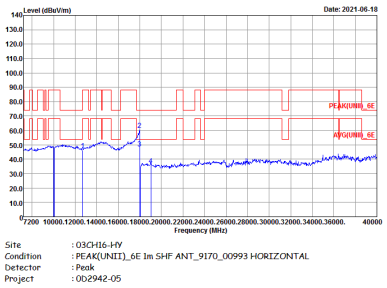
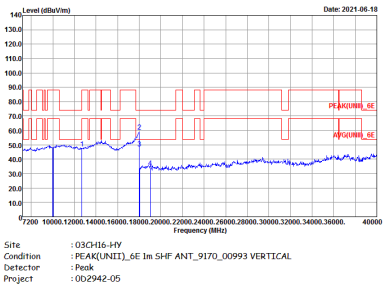
WIFI	6285 MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH87 6285MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 5 - 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

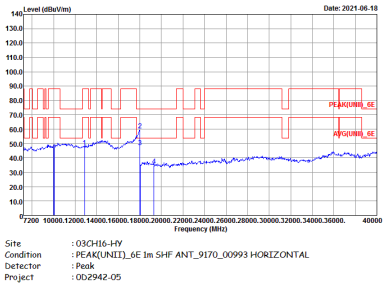
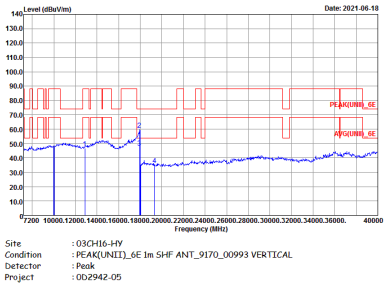
WIFI	6025 MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
4+3	Horizontal	Vertical
Peak Avg.		

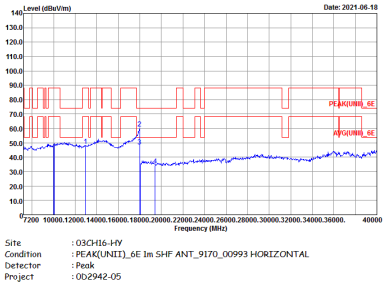
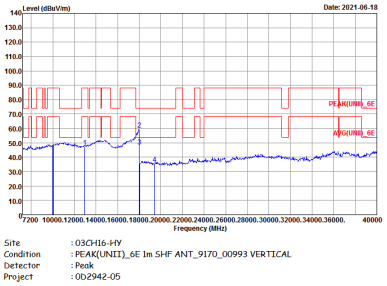
WIFI	6185 MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
4+3	Horizontal	Vertical
Peak Avg.		

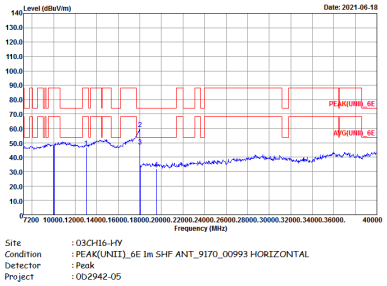
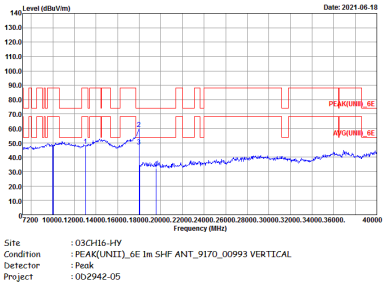
WIFI	6345 MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 6 6425~6525MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

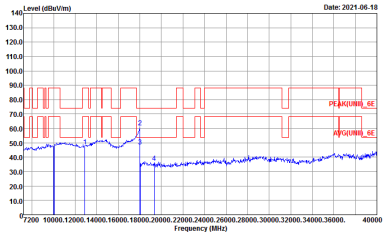
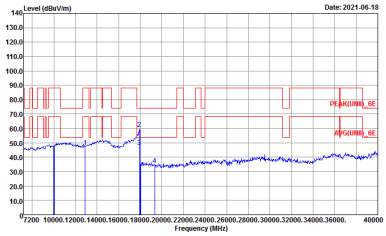
WIFI	6435MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH97 6435MHz	
4+3	Horizontal	Vertical
Peak Avg.		

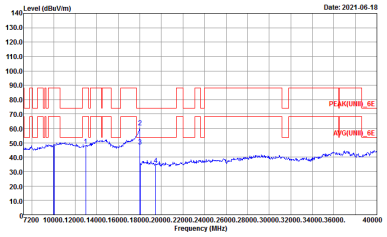
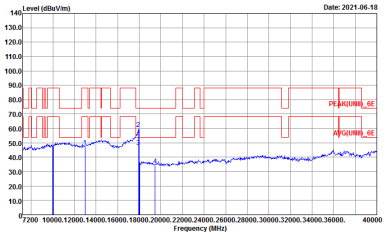
WIFI	6475MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH105 6475MHz	
4+3	Horizontal	Vertical
Peak Avg.		

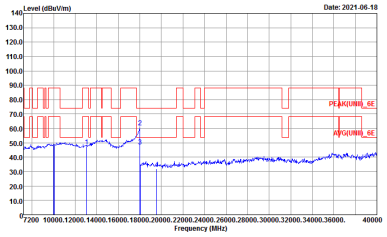
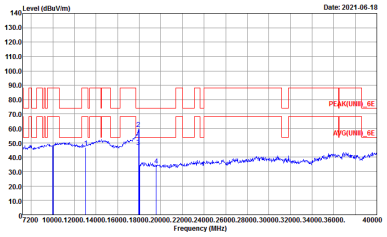
WIFI	6515MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH113 6515MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

Band 6 6425~6525MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

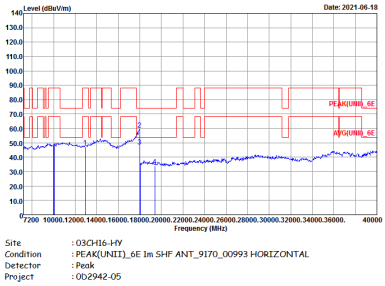
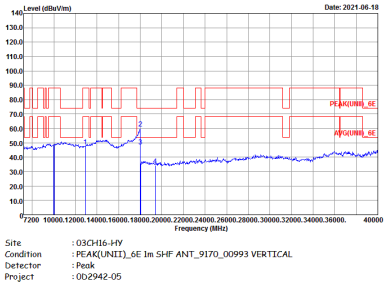
WIFI	6445 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH99 6445 MHz	
4+3	Horizontal	Vertical
Peak Avg.		

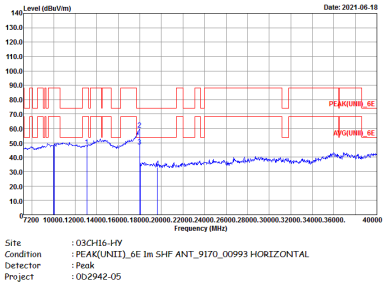
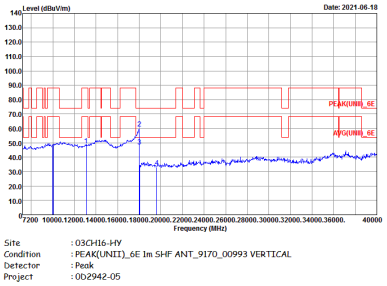
WIFI	6485 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH107 6485 MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	6525 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH115 6525 MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

Band 6 6425~6525MHz

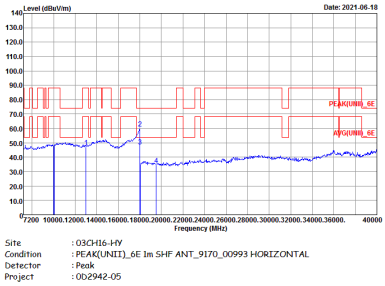
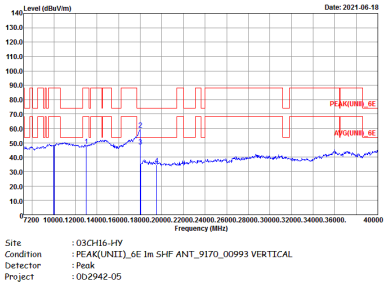
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	6465MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH103 6465MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	6545MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH119 6545MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

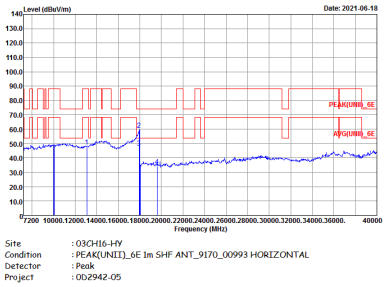
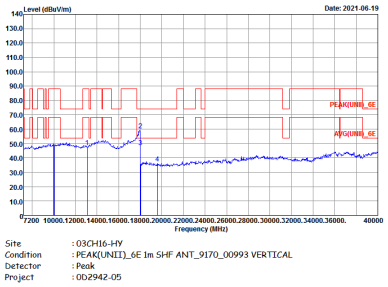
Band 6 6425~6525MHz

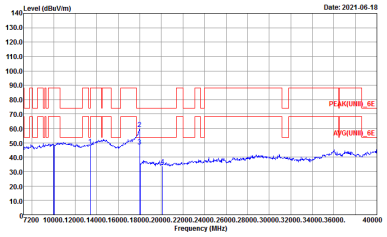
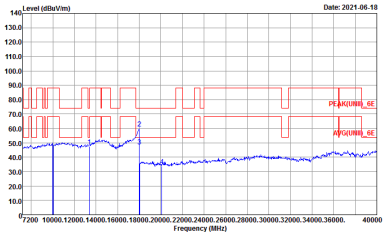
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

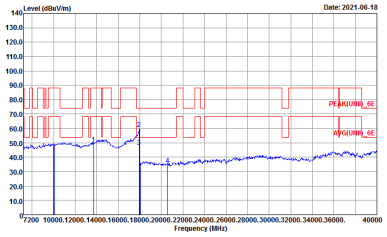
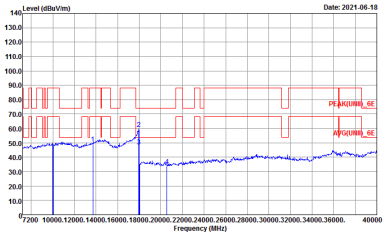
WIFI	6505 MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH111 6505 MHz	
4+3	Horizontal	Vertical
Peak Avg.		

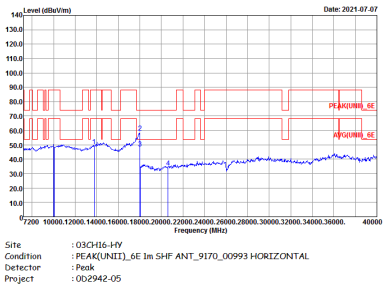
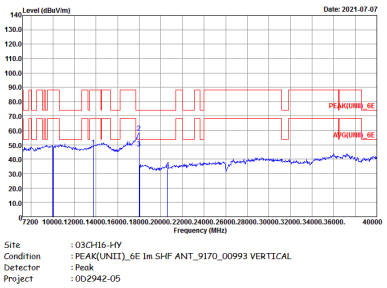
Band 7 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	6535MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH117 6535MHz	
4+3	Horizontal	Vertical
Peak Avg.		

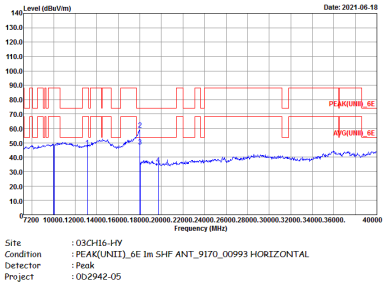
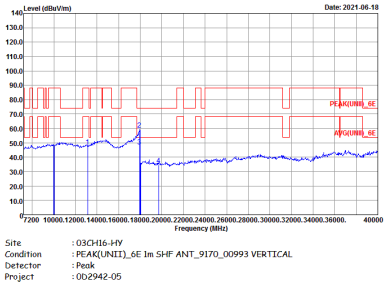
WIFI	6695MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 6695MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

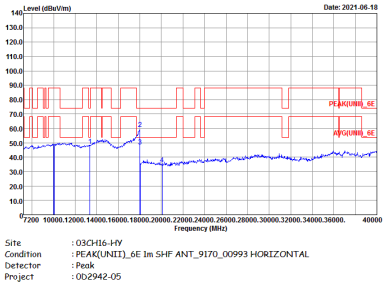
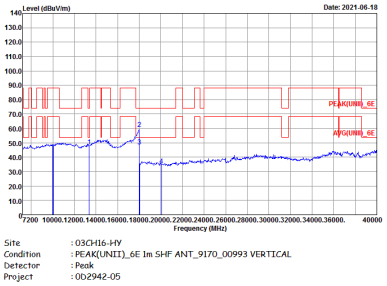
WIFI	6855MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH181 6855MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

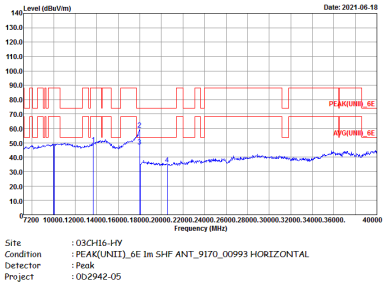
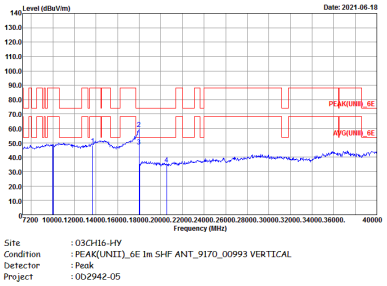
WIFI	6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH185 6875MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

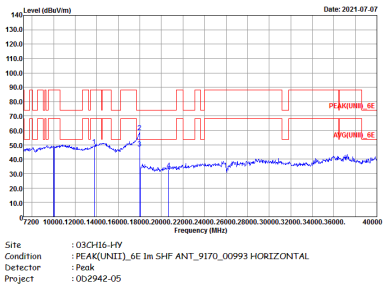
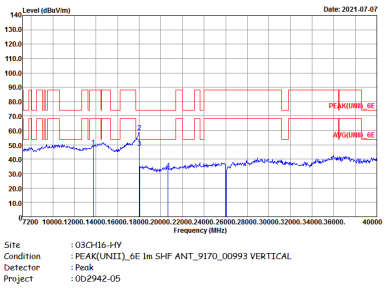
Band 7 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	6565 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH123 6565 MHz	
4+3	Horizontal	Vertical
Peak Avg.		

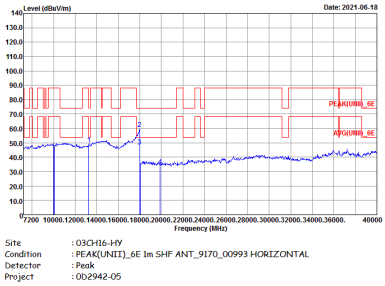
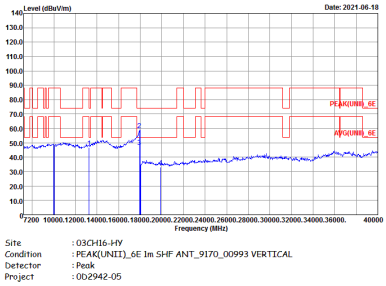
WIFI	6685 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH147 6685 MHz	
4+3	Horizontal	Vertical
Peak Avg.		

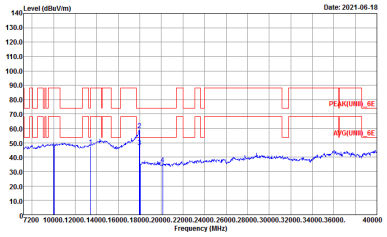
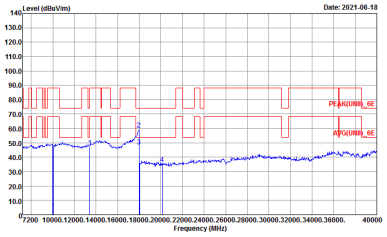
WIFI	6845 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH179 6845 MHz	
4+3	Horizontal	Vertical
Peak Avg.		

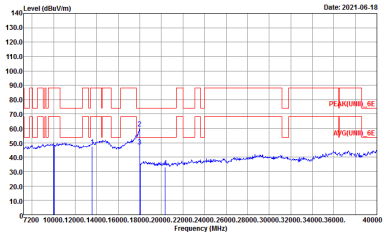
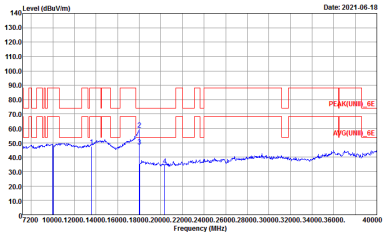
WIFI	6885 MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH187 6885 MHz	
4+3	Horizontal	Vertical
Peak Avg.		

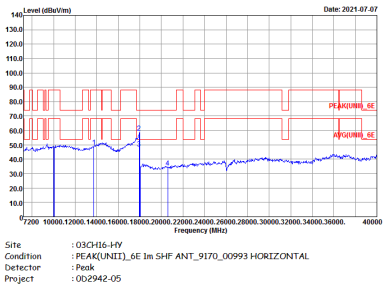
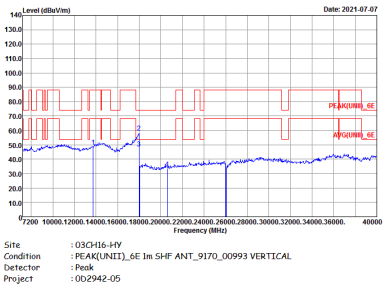
Band 7 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	6625MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH135 6625MHz	
4+3	Horizontal	Vertical
Peak Avg.		

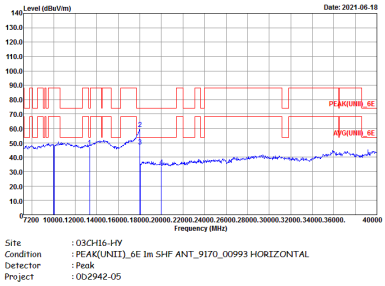
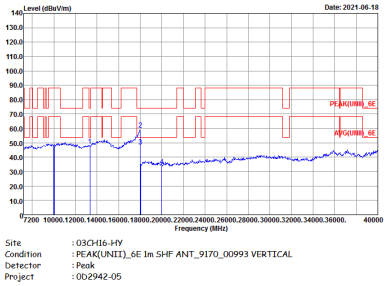
WIFI	6705MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH151 6705MHz	
4+3	Horizontal	Vertical
Peak Avg.		

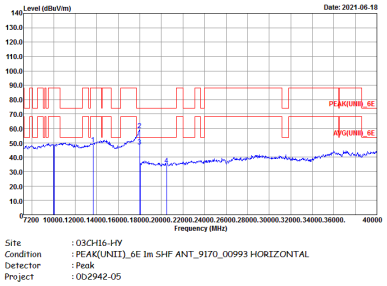
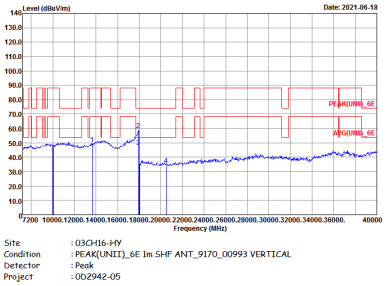
WIFI	6785MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH167 6785MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	6865MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH183 6865MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : 0D2942-05	 Site : 03CH16-HY Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : 0D2942-05

Band 7 6525~6875MHz

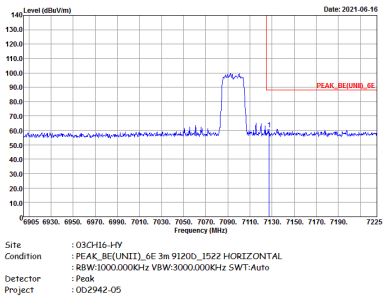
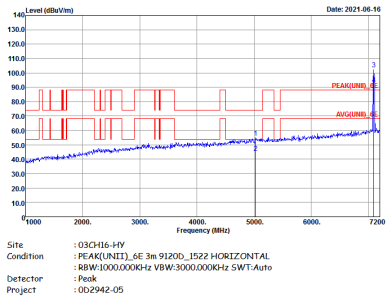
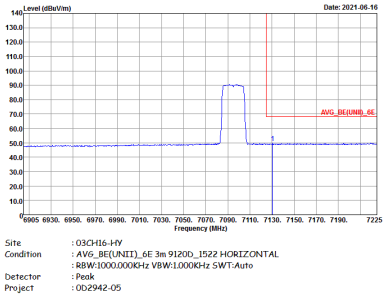
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	6665 MHZ Harmonic @ 3m	
ANT	802.11ax HE160 Full CH143 6665 MHZ	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	6825 MHZ Harmonic @ 3m	
ANT	802.11ax HE160 Full CH175 6825 MHZ	
4+3	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

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

WIFI	7095 MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank