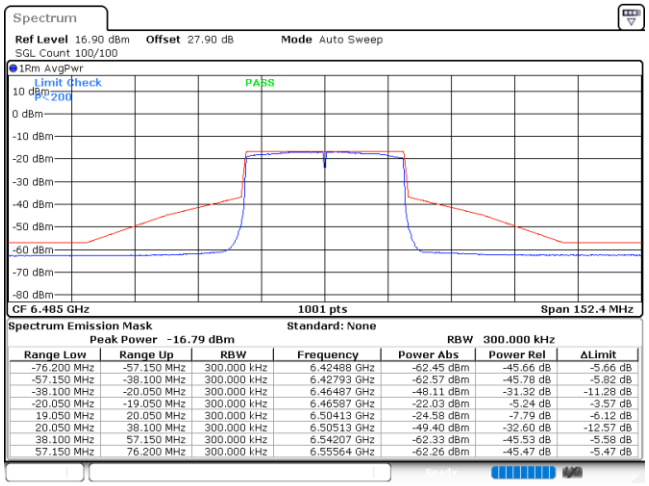
Plot on Channel 6485MHz

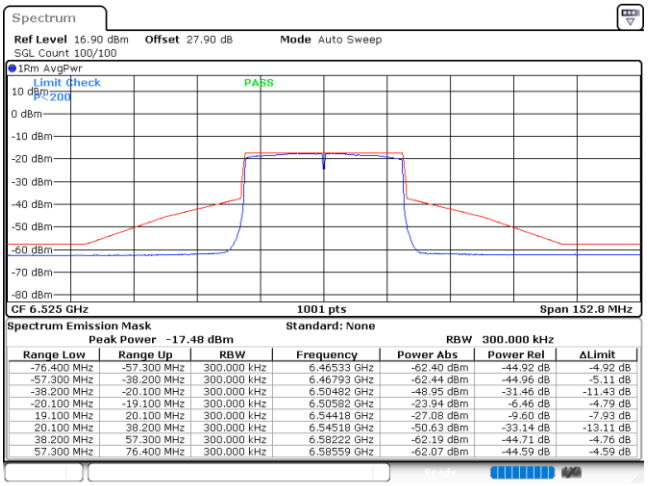


Spectrum Emission Mask — Standard: None
Peak Power -16.79 dBm — RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-76.200 MHz	-57.150 MHz	300.000 kHz	6.42488 GHz	-62.45 dBm	-45.66 dB	-5.66 dB
-57.150 MHz	-38.100 MHz	300.000 kHz	6.42793 GHz	-62.57 dBm	-45.78 dB	-5.82 dB
-38.100 MHz	-20.050 MHz	300.000 kHz	6.46487 GHz	-48.11 dBm	-31.32 dB	-11.28 dB
-20.050 MHz	-19.050 MHz	300.000 kHz	6.46587 GHz	-22.03 dBm	-5.24 dB	-3.57 dB
19.050 MHz	20.050 MHz	300.000 kHz	6.50413 GHz	-24.58 dBm	-7.79 dB	-6.12 dB
20.050 MHz	38.100 MHz	300.000 kHz	6.50513 GHz	-49.40 dBm	-32.60 dB	-12.57 dB
38.100 MHz	57.150 MHz	300.000 kHz	6.54207 GHz	-62.33 dBm	-45.53 dB	-5.58 dB
57.150 MHz	76.200 MHz	300.000 kHz	6.55564 GHz	-62.26 dBm	-45.47 dB	-5.47 dB

Date: 18.FEB.2022 10:25:34

Plot on Channel 6525MHz



Spectrum Emission Mask — Standard: None
Peak Power -17.48 dBm — RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-76.400 MHz	-57.300 MHz	300.000 kHz	6.46533 GHz	-62.40 dBm	-44.92 dB	-4.92 dB
-57.300 MHz	-38.200 MHz	300.000 kHz	6.46793 GHz	-62.44 dBm	-44.96 dB	-5.11 dB
-38.200 MHz	-20.100 MHz	300.000 kHz	6.50482 GHz	-48.95 dBm	-31.46 dB	-11.43 dB
-20.100 MHz	-19.100 MHz	300.000 kHz	6.50582 GHz	-23.94 dBm	-6.46 dB	-4.79 dB
19.100 MHz	20.100 MHz	300.000 kHz	6.54418 GHz	-27.08 dBm	-9.60 dB	-7.93 dB
20.100 MHz	38.200 MHz	300.000 kHz	6.54518 GHz	-50.63 dBm	-33.14 dB	-13.11 dB
38.200 MHz	57.300 MHz	300.000 kHz	6.58222 GHz	-62.19 dBm	-44.71 dB	-4.76 dB
57.300 MHz	76.400 MHz	300.000 kHz	6.58559 GHz	-62.07 dBm	-44.59 dB	-4.59 dB

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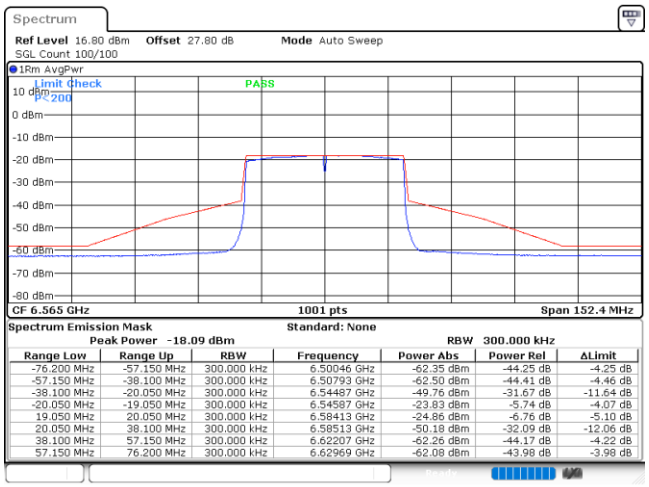
Plot on Channel 6565MHz

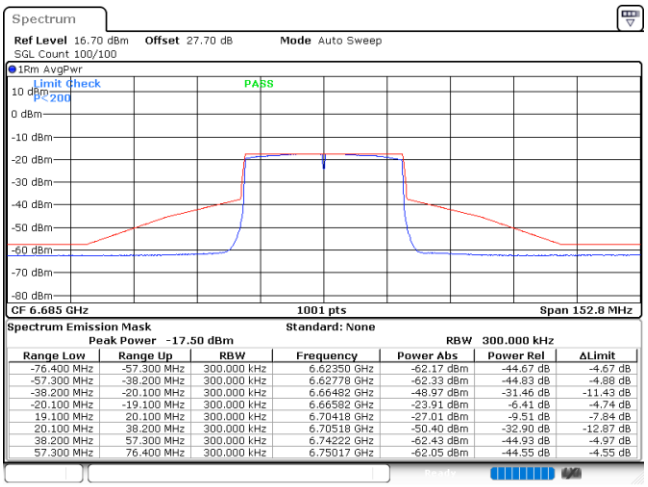


Spectrum Emission Mask — Standard: None
Peak Power -18.09 dBm — RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-76.200 MHz	-57.150 MHz	300.000 kHz	6.50046 GHz	-62.35 dBm	-44.25 dB	-4.25 dB
-57.150 MHz	-38.100 MHz	300.000 kHz	6.50793 GHz	-62.50 dBm	-44.41 dB	-4.46 dB
-38.100 MHz	-20.050 MHz	300.000 kHz	6.54487 GHz	-49.76 dBm	-31.67 dB	-11.64 dB
-20.050 MHz	-19.050 MHz	300.000 kHz	6.54587 GHz	-23.83 dBm	-5.74 dB	-4.07 dB
19.050 MHz	20.050 MHz	300.000 kHz	6.58413 GHz	-24.86 dBm	-6.76 dB	-5.10 dB
20.050 MHz	38.100 MHz	300.000 kHz	6.58513 GHz	-50.18 dBm	-32.09 dB	-12.06 dB
38.100 MHz	57.150 MHz	300.000 kHz	6.62207 GHz	-62.26 dBm	-44.17 dB	-4.22 dB
57.150 MHz	76.200 MHz	300.000 kHz	6.62969 GHz	-62.08 dBm	-43.98 dB	-3.98 dB

Date: 18.FEB.2022 10:28:13

Plot on Channel 6685MHz



Spectrum Emission Mask — Standard: None
Peak Power -17.50 dBm — RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-76.400 MHz	-57.300 MHz	300.000 kHz	6.62350 GHz	-62.17 dBm	-44.67 dB	-4.67 dB
-57.300 MHz	-38.200 MHz	300.000 kHz	6.62778 GHz	-62.33 dBm	-44.83 dB	-4.88 dB
-38.200 MHz	-20.100 MHz	300.000 kHz	6.66482 GHz	-48.97 dBm	-31.46 dB	-11.43 dB
-20.100 MHz	-19.100 MHz	300.000 kHz	6.66582 GHz	-23.91 dBm	-6.41 dB	-4.74 dB
19.100 MHz	20.100 MHz	300.000 kHz	6.70418 GHz	-27.01 dBm	-9.51 dB	-7.84 dB
20.100 MHz	38.200 MHz	300.000 kHz	6.70518 GHz	-50.40 dBm	-32.90 dB	-12.87 dB
38.200 MHz	57.300 MHz	300.000 kHz	6.74222 GHz	-62.43 dBm	-44.93 dB	-4.97 dB
57.300 MHz	76.400 MHz	300.000 kHz	6.75017 GHz	-62.05 dBm	-44.55 dB	-4.55 dB

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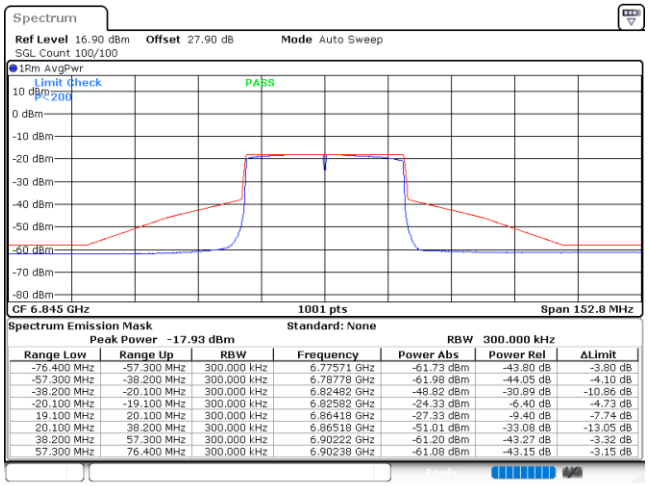
Plot on Channel 6845MHz



Spectrum Emission Mask — Standard: None — Peak Power -17.93 dBm — RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-76.400 MHz	-57.300 MHz	300.000 kHz	6.77571 GHz	-61.73 dBm	-43.80 dB	-3.80 dB
-57.300 MHz	-38.200 MHz	300.000 kHz	6.78778 GHz	-61.98 dBm	-44.05 dB	-4.10 dB
-38.200 MHz	-20.100 MHz	300.000 kHz	6.82482 GHz	-48.82 dBm	-30.89 dB	-10.86 dB
-20.100 MHz	-19.100 MHz	300.000 kHz	6.82582 GHz	-24.33 dBm	-6.40 dB	-4.73 dB
19.100 MHz	20.100 MHz	300.000 kHz	6.86418 GHz	-27.33 dBm	-9.40 dB	-7.74 dB
20.100 MHz	38.200 MHz	300.000 kHz	6.86518 GHz	-51.01 dBm	-33.08 dB	-13.05 dB
38.200 MHz	57.300 MHz	300.000 kHz	6.90222 GHz	-61.20 dBm	-43.27 dB	-3.32 dB
57.300 MHz	76.400 MHz	300.000 kHz	6.90238 GHz	-61.08 dBm	-43.15 dB	-3.15 dB

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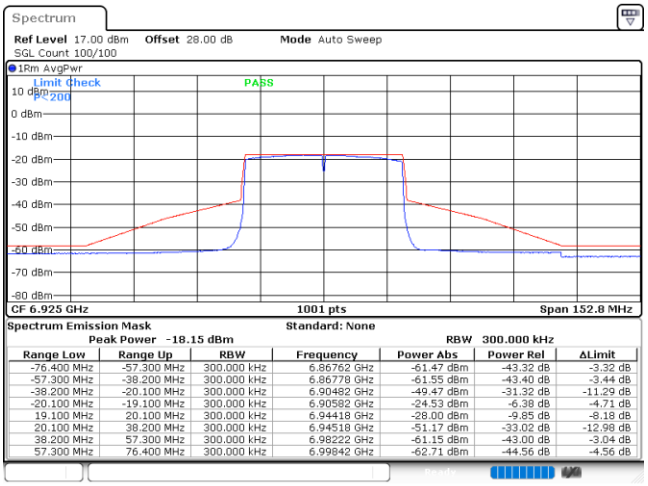
Plot on Channel 6925MHz



Spectrum Emission Mask — Standard: None — Peak Power -18.15 dBm — RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-76.400 MHz	-57.300 MHz	300.000 kHz	6.86762 GHz	-61.47 dBm	-43.32 dB	-3.32 dB
-57.300 MHz	-38.200 MHz	300.000 kHz	6.86778 GHz	-61.55 dBm	-43.40 dB	-3.44 dB
-38.200 MHz	-20.100 MHz	300.000 kHz	6.90482 GHz	-49.47 dBm	-31.32 dB	-11.29 dB
-20.100 MHz	-19.100 MHz	300.000 kHz	6.90582 GHz	-24.53 dBm	-6.38 dB	-4.71 dB
19.100 MHz	20.100 MHz	300.000 kHz	6.94418 GHz	-28.00 dBm	-9.85 dB	-8.18 dB
20.100 MHz	38.200 MHz	300.000 kHz	6.94518 GHz	-51.17 dBm	-33.02 dB	-12.98 dB
38.200 MHz	57.300 MHz	300.000 kHz	6.98222 GHz	-61.15 dBm	-43.00 dB	-3.04 dB
57.300 MHz	76.400 MHz	300.000 kHz	6.99842 GHz	-62.71 dBm	-44.56 dB	-4.56 dB

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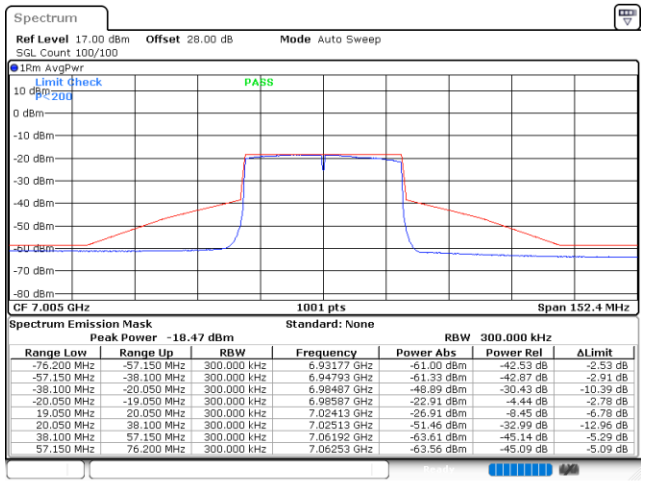
Plot on Channel 7005MHz



Spectrum Emission Mask — Standard: None — Peak Power -18.47 dBm — RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-76.200 MHz	-57.150 MHz	300.000 kHz	6.93177 GHz	-61.00 dBm	-42.53 dB	-2.53 dB
-57.150 MHz	-38.100 MHz	300.000 kHz	6.94793 GHz	-61.33 dBm	-42.87 dB	-2.91 dB
-38.100 MHz	-20.050 MHz	300.000 kHz	6.98487 GHz	-48.89 dBm	-30.43 dB	-10.39 dB
-20.050 MHz	-19.050 MHz	300.000 kHz	6.98587 GHz	-22.91 dBm	-4.44 dB	-2.78 dB
19.050 MHz	20.050 MHz	300.000 kHz	7.02413 GHz	-26.91 dBm	-8.45 dB	-6.78 dB
20.050 MHz	38.100 MHz	300.000 kHz	7.02513 GHz	-51.46 dBm	-32.99 dB	-12.96 dB
38.100 MHz	57.150 MHz	300.000 kHz	7.06192 GHz	-63.61 dBm	-45.14 dB	-5.29 dB
57.150 MHz	76.200 MHz	300.000 kHz	7.06253 GHz	-63.56 dBm	-45.09 dB	-5.09 dB

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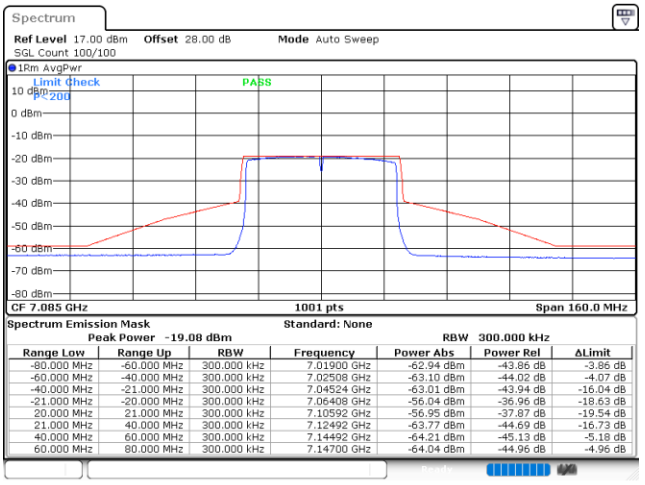
Plot on Channel 7085MHz



Spectrum Emission Mask — Standard: None — Peak Power -19.08 dBm — RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	300.000 kHz	7.01900 GHz	-62.94 dBm	-43.86 dB	-3.86 dB
-60.000 MHz	-40.000 MHz	300.000 kHz	7.02508 GHz	-63.10 dBm	-44.02 dB	-4.07 dB
-40.000 MHz	-21.000 MHz	300.000 kHz	7.04524 GHz	-63.01 dBm	-43.94 dB	-16.04 dB
-21.000 MHz	-20.000 MHz	300.000 kHz	7.06408 GHz	-56.04 dBm	-36.96 dB	-18.63 dB
20.000 MHz	21.000 MHz	300.000 kHz	7.10592 GHz	-56.95 dBm	-37.87 dB	-19.54 dB
21.000 MHz	40.000 MHz	300.000 kHz	7.12492 GHz	-63.77 dBm	-44.69 dB	-16.73 dB
40.000 MHz	60.000 MHz	300.000 kHz	7.14492 GHz	-64.21 dBm	-45.13 dB	-5.18 dB
60.000 MHz	80.000 MHz	300.000 kHz	7.14700 GHz	-64.04 dBm	-44.96 dB	-4.96 dB

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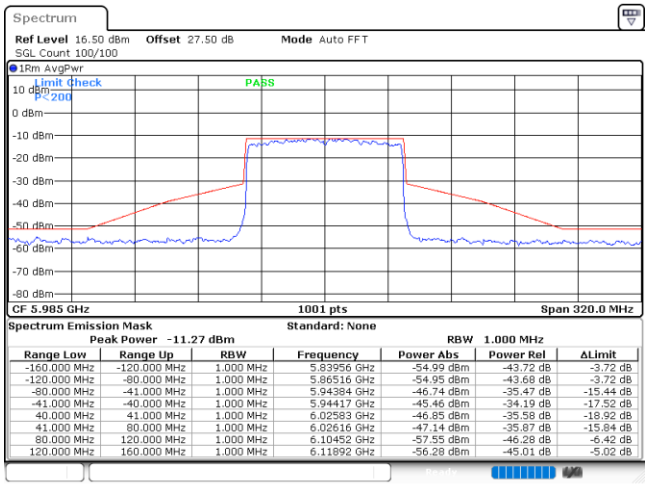
EUT Mode :	802.11ax HE80

Plot on Channel 5985MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	5.83956 GHz	-54.99 dBm	-43.72 dB	-3.72 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	5.86516 GHz	-54.95 dBm	-43.68 dB	-3.72 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	5.94384 GHz	-46.74 dBm	-35.47 dB	-15.44 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	5.94417 GHz	-45.46 dBm	-34.19 dB	-17.52 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.02583 GHz	-46.85 dBm	-35.58 dB	-18.92 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.02616 GHz	-47.14 dBm	-35.87 dB	-15.84 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.10452 GHz	-57.55 dBm	-46.28 dB	-6.42 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.11892 GHz	-56.28 dBm	-45.01 dB	-5.02 dB

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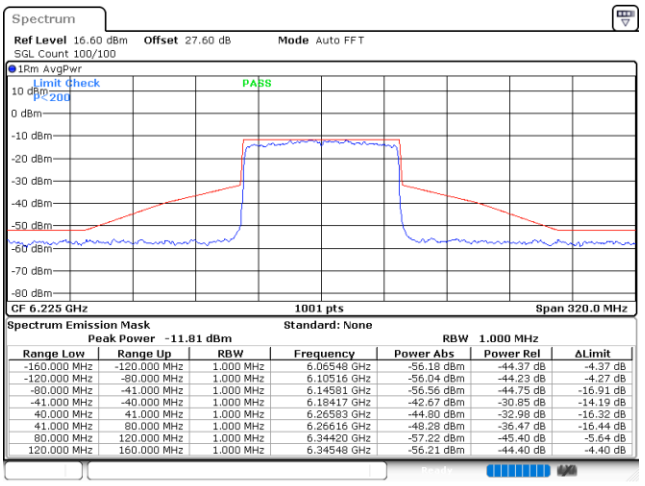
Plot on Channel 6225MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.06548 GHz	-56.18 dBm	-44.37 dB	-4.37 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.10516 GHz	-56.04 dBm	-44.23 dB	-4.27 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.14581 GHz	-56.56 dBm	-44.75 dB	-16.91 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.18417 GHz	-42.67 dBm	-30.85 dB	-14.19 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.26583 GHz	-44.80 dBm	-32.98 dB	-16.32 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.26616 GHz	-48.28 dBm	-36.47 dB	-16.44 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.34420 GHz	-57.22 dBm	-45.40 dB	-5.64 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.34548 GHz	-56.21 dBm	-44.40 dB	-4.40 dB

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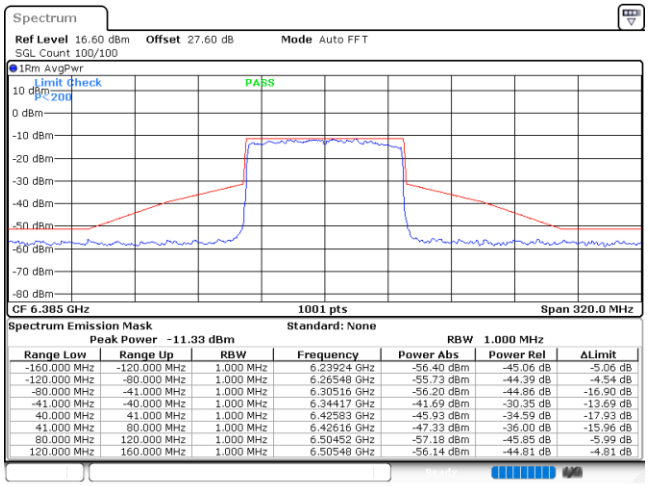
Plot on Channel 6385MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.23924 GHz	-56.40 dBm	-45.06 dB	-5.06 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.26548 GHz	-55.73 dBm	-44.39 dB	-4.54 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.30516 GHz	-56.20 dBm	-44.86 dB	-16.90 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.34417 GHz	-41.69 dBm	-30.35 dB	-13.69 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.42583 GHz	-45.93 dBm	-34.59 dB	-17.93 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.42616 GHz	-47.33 dBm	-36.00 dB	-15.96 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.50452 GHz	-57.18 dBm	-45.85 dB	-5.99 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.50548 GHz	-56.14 dBm	-44.81 dB	-4.81 dB

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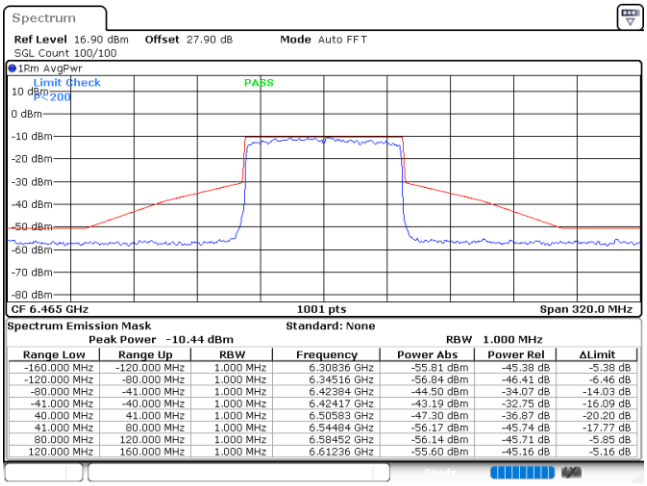
Plot on Channel 6465MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.30836 GHz	-55.81 dBm	-45.38 dB	-5.38 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.34516 GHz	-56.84 dBm	-46.41 dB	-6.46 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.42384 GHz	-44.50 dBm	-34.07 dB	-14.03 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.42417 GHz	-43.19 dBm	-32.75 dB	-16.09 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.50583 GHz	-47.30 dBm	-36.87 dB	-20.20 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.54484 GHz	-56.17 dBm	-45.74 dB	-17.77 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.58452 GHz	-56.14 dBm	-45.71 dB	-5.85 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.61236 GHz	-55.60 dBm	-45.16 dB	-5.16 dB

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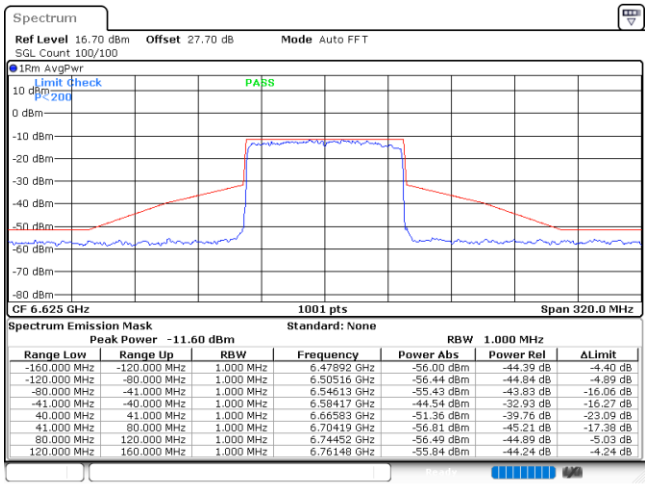
Plot on Channel 6625MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.47892 GHz	-56.00 dBm	-44.39 dB	-4.40 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.50516 GHz	-56.44 dBm	-44.84 dB	-4.89 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.54613 GHz	-55.43 dBm	-43.83 dB	-16.06 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.58417 GHz	-44.54 dBm	-32.93 dB	-16.27 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.66583 GHz	-51.36 dBm	-39.76 dB	-23.09 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.70419 GHz	-56.81 dBm	-45.21 dB	-17.38 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.74452 GHz	-56.49 dBm	-44.89 dB	-5.03 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.76148 GHz	-55.84 dBm	-44.24 dB	-4.24 dB

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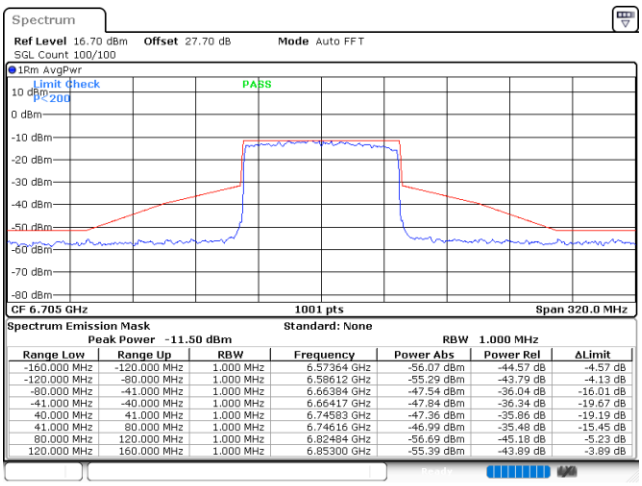
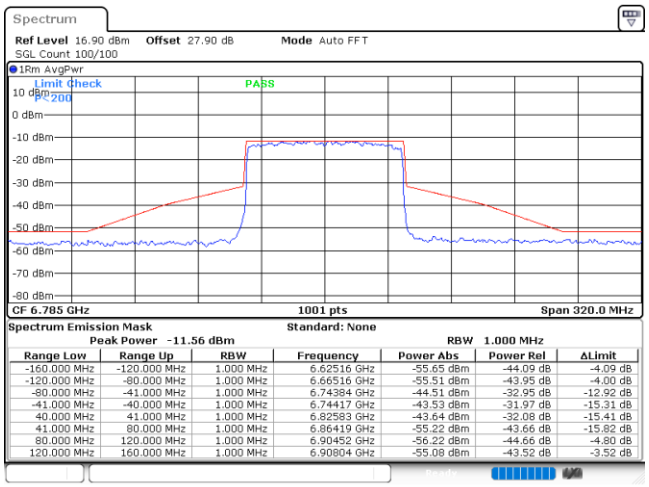
Plot on Channel 6705MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.57364 GHz	-56.07 dBm	-44.57 dB	-4.57 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.58612 GHz	-55.29 dBm	-43.79 dB	-4.13 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.66384 GHz	-47.54 dBm	-36.04 dB	-16.01 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.66417 GHz	-47.84 dBm	-36.34 dB	-19.67 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.74583 GHz	-47.36 dBm	-35.86 dB	-19.19 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.74616 GHz	-46.99 dBm	-35.48 dB	-15.45 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.82484 GHz	-56.69 dBm	-45.18 dB	-5.23 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.85300 GHz	-55.39 dBm	-43.89 dB	-3.89 dB

Date: 18.FEB.2022 10:55:12

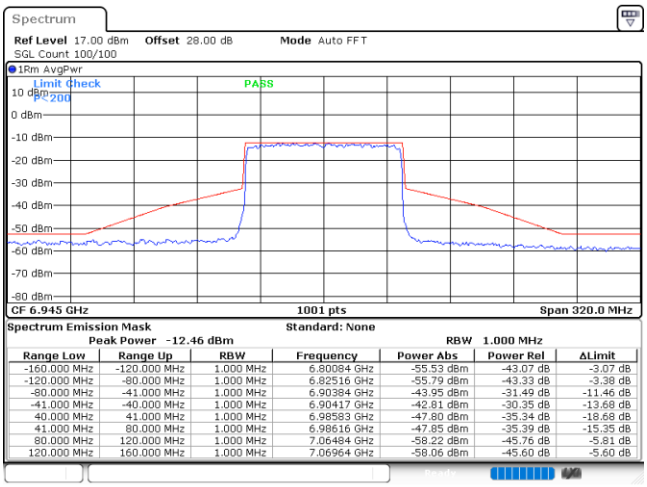
Plot on Channel 6785MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.62516 GHz	-55.65 dBm	-44.09 dB	-4.09 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.66516 GHz	-55.51 dBm	-43.95 dB	-4.00 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.74384 GHz	-44.51 dBm	-32.95 dB	-12.92 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.74417 GHz	-43.53 dBm	-31.97 dB	-15.31 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.82583 GHz	-43.64 dBm	-32.08 dB	-15.41 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.86419 GHz	-55.22 dBm	-43.66 dB	-15.82 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.90452 GHz	-56.22 dBm	-44.66 dB	-4.80 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.90804 GHz	-55.08 dBm	-43.52 dB	-3.52 dB

Date: 18.FEB.2022 10:56:34

Plot on Channel 6945MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.80084 GHz	-55.53 dBm	-43.07 dB	-3.07 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.82516 GHz	-55.79 dBm	-43.33 dB	-3.38 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.90384 GHz	-43.95 dBm	-31.49 dB	-11.46 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.90417 GHz	-42.81 dBm	-30.35 dB	-13.68 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.98583 GHz	-47.80 dBm	-35.34 dB	-18.68 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.98616 GHz	-47.85 dBm	-35.39 dB	-15.35 dB
80.000 MHz	120.000 MHz	1.000 MHz	7.06484 GHz	-58.22 dBm	-45.76 dB	-5.81 dB
120.000 MHz	160.000 MHz	1.000 MHz	7.06964 GHz	-58.06 dBm	-45.60 dB	-5.60 dB

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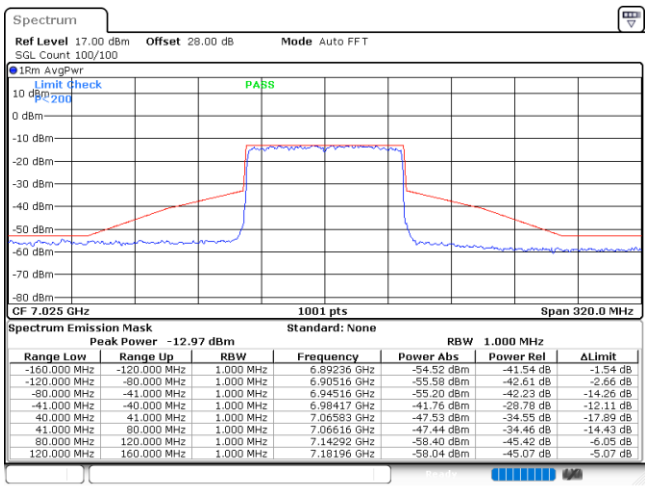
Plot on Channel 7025MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.89236 GHz	-54.52 dBm	-41.54 dB	-1.54 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.90516 GHz	-55.58 dBm	-42.61 dB	-2.66 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.94516 GHz	-55.20 dBm	-42.23 dB	-14.26 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.98417 GHz	-41.76 dBm	-28.78 dB	-12.11 dB
40.000 MHz	41.000 MHz	1.000 MHz	7.06583 GHz	-47.53 dBm	-34.55 dB	-17.89 dB
41.000 MHz	80.000 MHz	1.000 MHz	7.06616 GHz	-47.44 dBm	-34.46 dB	-14.43 dB
80.000 MHz	120.000 MHz	1.000 MHz	7.14292 GHz	-58.40 dBm	-45.42 dB	-6.05 dB
120.000 MHz	160.000 MHz	1.000 MHz	7.18196 GHz	-58.04 dBm	-45.07 dB	-5.07 dB

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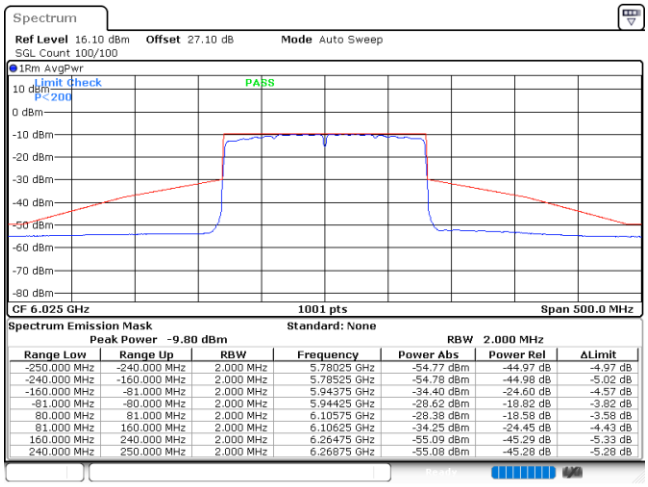
EUT Mode :	802.11ax HE160

Plot on Channel 6025MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	5.78025 GHz	-54.77 dBm	-44.97 dB	-4.97 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	5.78525 GHz	-54.78 dBm	-44.98 dB	-5.02 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	5.94375 GHz	-34.40 dBm	-24.60 dB	-4.57 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	5.94425 GHz	-28.62 dBm	-18.82 dB	-3.82 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.10575 GHz	-28.38 dBm	-18.58 dB	-3.58 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.10625 GHz	-34.25 dBm	-24.45 dB	-4.43 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.26475 GHz	-55.09 dBm	-45.29 dB	-5.33 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.26875 GHz	-55.08 dBm	-45.28 dB	-5.28 dB

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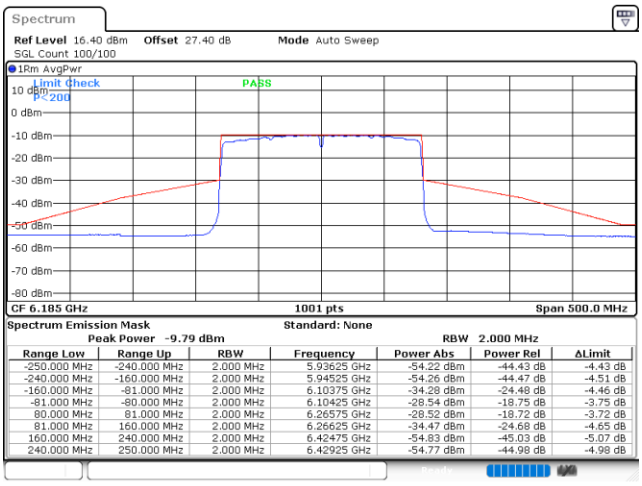
Plot on Channel 6185MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	5.93625 GHz	-54.22 dBm	-44.43 dB	-4.43 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	5.94525 GHz	-54.26 dBm	-44.47 dB	-4.51 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.10375 GHz	-34.28 dBm	-24.48 dB	-4.46 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.10425 GHz	-28.54 dBm	-18.75 dB	-3.75 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.26575 GHz	-28.52 dBm	-18.72 dB	-3.72 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.26625 GHz	-34.47 dBm	-24.68 dB	-4.65 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.42475 GHz	-54.83 dBm	-45.03 dB	-5.07 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.42925 GHz	-54.77 dBm	-44.98 dB	-4.98 dB

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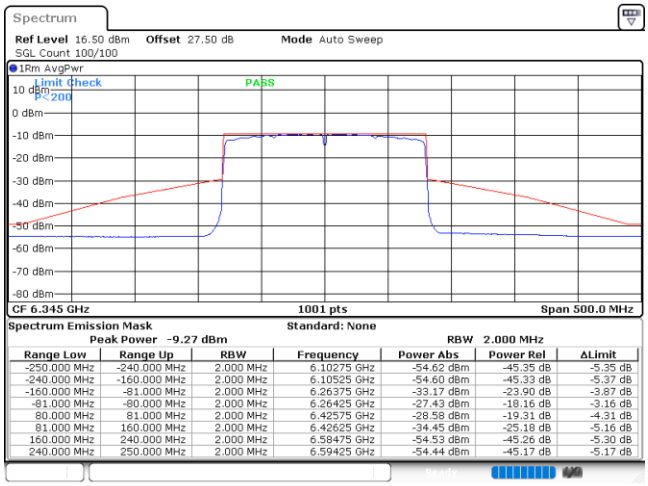
Plot on Channel 6345MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.10275 GHz	-54.62 dBm	-45.35 dB	-5.35 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.10525 GHz	-54.60 dBm	-45.33 dB	-5.37 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.26375 GHz	-33.17 dBm	-23.90 dB	-3.87 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.26425 GHz	-27.43 dBm	-18.16 dB	-3.16 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.42575 GHz	-28.58 dBm	-19.31 dB	-4.31 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.42625 GHz	-34.45 dBm	-25.18 dB	-5.16 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.58475 GHz	-54.53 dBm	-45.26 dB	-5.30 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.59425 GHz	-54.44 dBm	-45.17 dB	-5.17 dB

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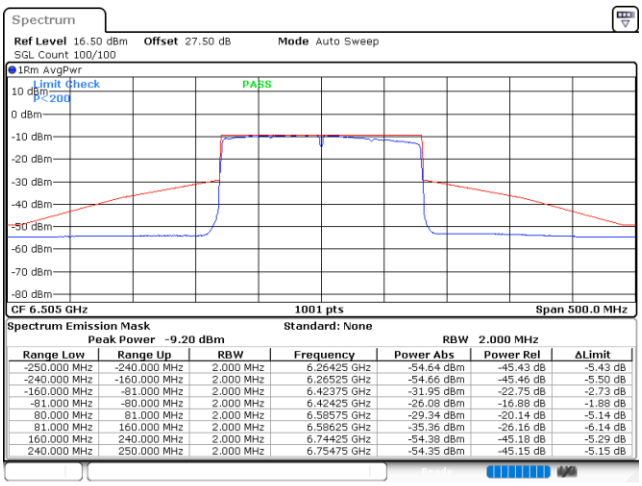
Plot on Channel 6505MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.26425 GHz	-54.64 dBm	-45.43 dB	-5.43 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.26525 GHz	-54.66 dBm	-45.46 dB	-5.50 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.42375 GHz	-31.95 dBm	-22.75 dB	-2.73 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.42425 GHz	-26.08 dBm	-16.88 dB	-1.89 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.58575 GHz	-29.34 dBm	-20.14 dB	-5.14 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.58625 GHz	-35.36 dBm	-26.16 dB	-6.14 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.74425 GHz	-54.38 dBm	-45.18 dB	-5.29 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.75475 GHz	-54.35 dBm	-45.15 dB	-5.15 dB

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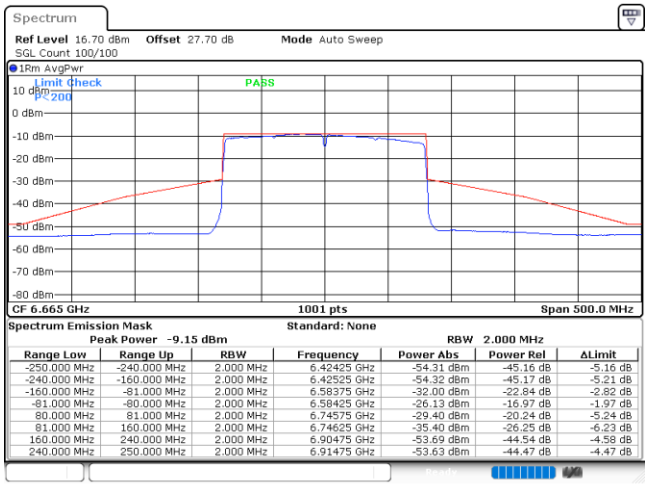
Plot on Channel 6665MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.42425 GHz	-54.31 dBm	-45.16 dB	-5.16 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.42525 GHz	-54.32 dBm	-45.17 dB	-5.21 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.58375 GHz	-32.00 dBm	-22.84 dB	-2.82 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.58425 GHz	-26.13 dBm	-16.97 dB	-1.97 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.74575 GHz	-29.40 dBm	-20.24 dB	-5.24 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.74625 GHz	-35.40 dBm	-26.25 dB	-6.23 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.90475 GHz	-53.69 dBm	-44.54 dB	-4.58 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.91475 GHz	-53.63 dBm	-44.47 dB	-4.47 dB

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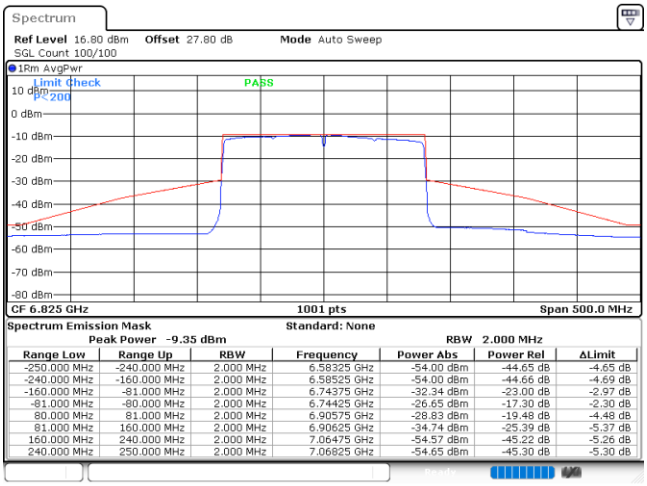
Plot on Channel 6825MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.58325 GHz	-54.00 dBm	-44.65 dB	-4.65 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.58525 GHz	-54.00 dBm	-44.66 dB	-4.69 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.74375 GHz	-32.34 dBm	-23.00 dB	-2.97 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.74425 GHz	-26.65 dBm	-17.30 dB	-2.30 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.90575 GHz	-28.83 dBm	-19.48 dB	-4.48 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.90625 GHz	-34.74 dBm	-25.39 dB	-5.37 dB
160.000 MHz	240.000 MHz	2.000 MHz	7.06475 GHz	-54.57 dBm	-45.22 dB	-5.26 dB
240.000 MHz	250.000 MHz	2.000 MHz	7.06825 GHz	-54.65 dBm	-45.30 dB	-5.30 dB

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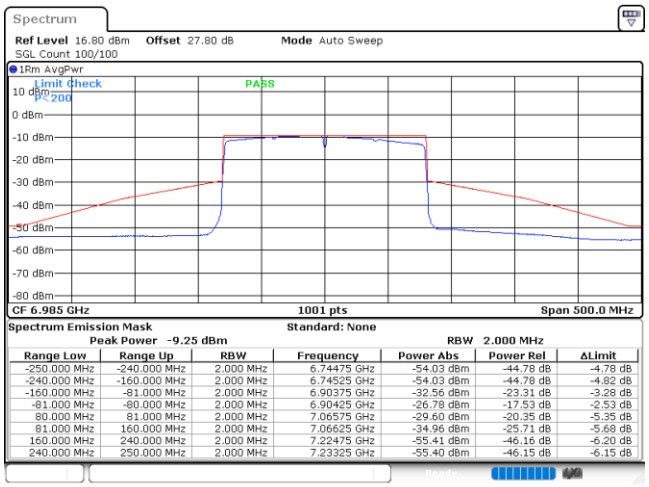
Plot on Channel 6985MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.74475 GHz	-54.03 dBm	-44.78 dB	-4.78 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.74525 GHz	-54.03 dBm	-44.78 dB	-4.82 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.90375 GHz	-32.56 dBm	-23.31 dB	-3.28 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.90425 GHz	-26.78 dBm	-17.53 dB	-2.53 dB
80.000 MHz	81.000 MHz	2.000 MHz	7.06575 GHz	-29.60 dBm	-20.35 dB	-5.35 dB
81.000 MHz	160.000 MHz	2.000 MHz	7.06625 GHz	-34.96 dBm	-25.71 dB	-5.68 dB
160.000 MHz	240.000 MHz	2.000 MHz	7.22475 GHz	-55.41 dBm	-46.16 dB	-6.20 dB
240.000 MHz	250.000 MHz	2.000 MHz	7.23325 GHz	-55.40 dBm	-46.15 dB	-6.15 dB

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3.5 Contention Based Protocol

3.5.1 Limit of Contention Based Protocol

<FCC 14-30 CFR 15.407>

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

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

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

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

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

where:

$BWEUT$: Transmission bandwidth of EUT signal

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

$fc1$: Center frequency of EUT transmission

$fc2$: Center frequency of simulated incumbent signal

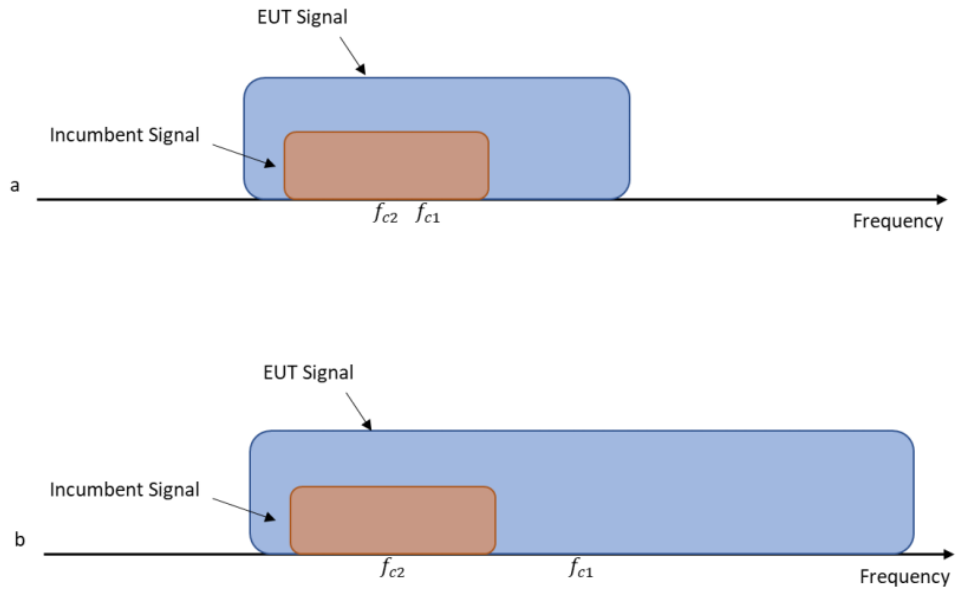


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

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

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

3.5.4 Test Setup

Conducted Setup

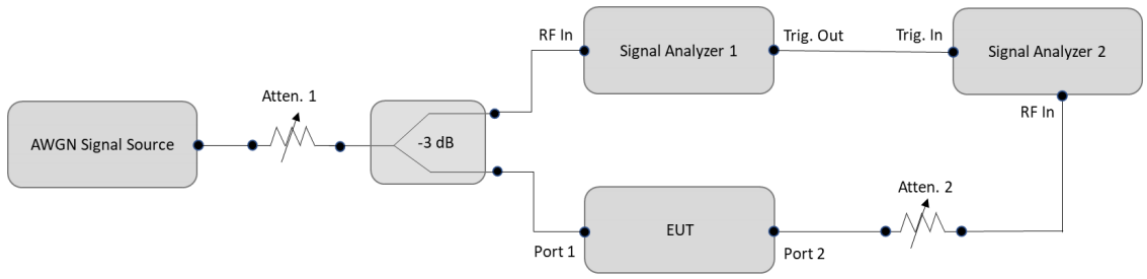


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

3.5.5 Support Unit used in test configuration and system

Instrument	Brand Name	Model No.	Characteristics
WLAN AP	Netgear	MR6500	Dual Band AP
Notebook	Acer	N15C1	LAN

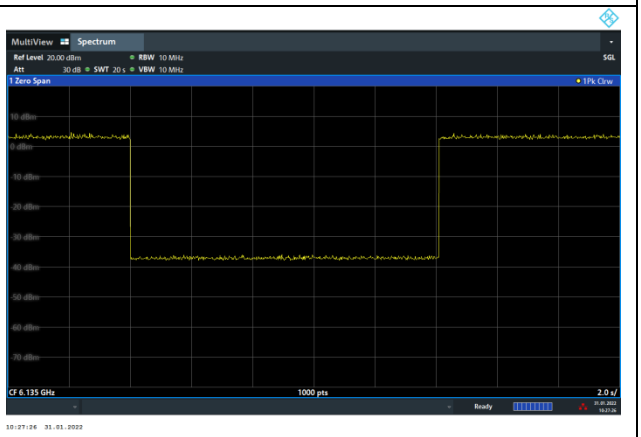
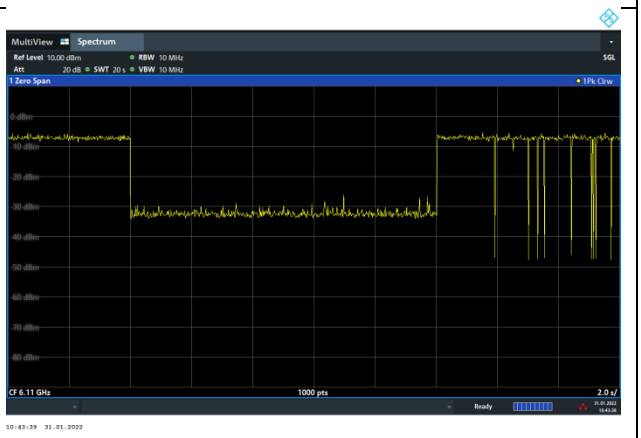
3.5.6 Test Summary of Contention Based Protocol Test

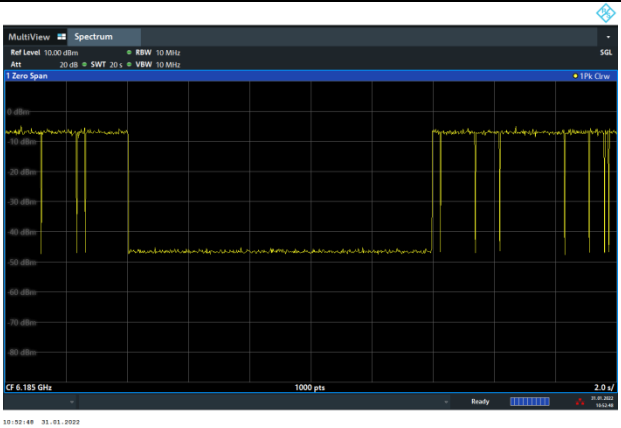
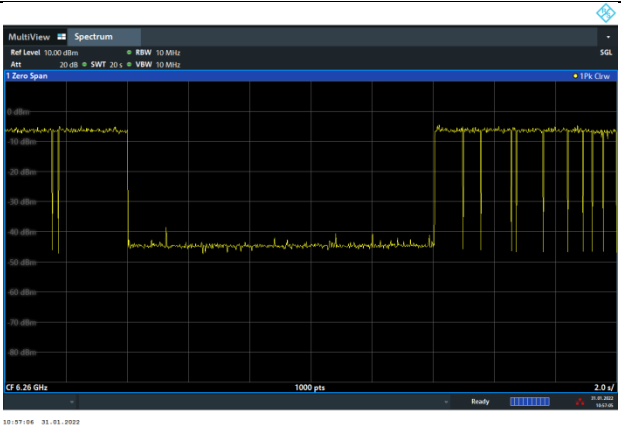
Test Engineer :	Amber Cheng	Temperature :	24~26℃
		Relative Humidity :	45~50%

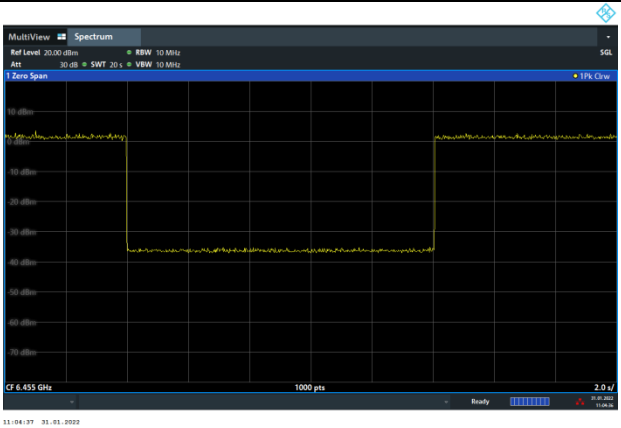
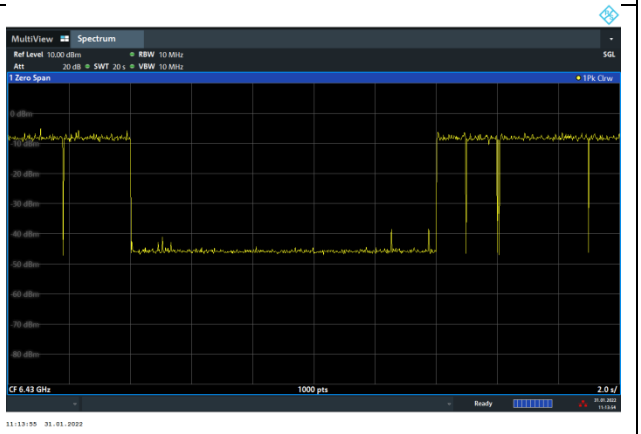
Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Measured Detection level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Margin (dB)
UNII Band 5	6135	20	6135	-67.54	100	-58.72	8.82
	6185	160	6110	-62.43	100	-58.72	3.71
			6185	-62.15	100	-58.72	3.43
			6260	-62.7	100	-58.72	3.98
UNII Band 6	6455	20	6455	-66.9	100	-59.46	7.44
	6505	160	6430	-63.84	100	-59.46	4.38
			6505	-59.69	100	-59.46	0.23
			6580	-62.19	100	-59.46	2.73
UNII Band 7	6695	20	6695	-67.61	100	-58.58	9.03
	6665	160	6590	-64.02	100	-58.58	5.44
			6665	-59	100	-58.58	0.42
			6740	-63.15	100	-58.58	4.57
UNII Band 8	7015	20	7015	-69.11	100	-58.58	10.53
	6985	160	6910	-63.04	100	-58.58	4.46
			6985	-58.81	100	-58.58	0.23
			7060	-63.67	100	-58.58	5.09

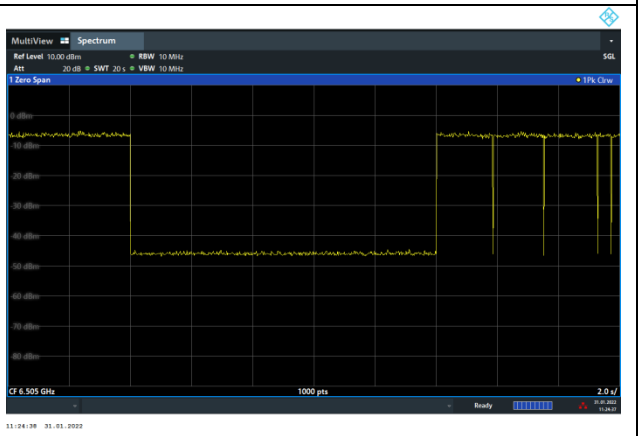
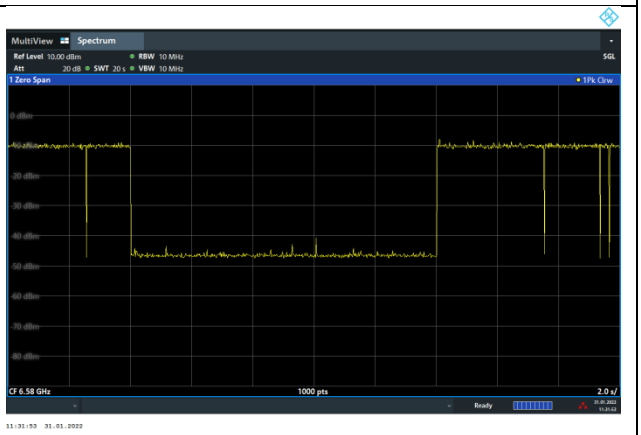
Note: Threshold Level (TL) = -62dBm + minimum antenna gain

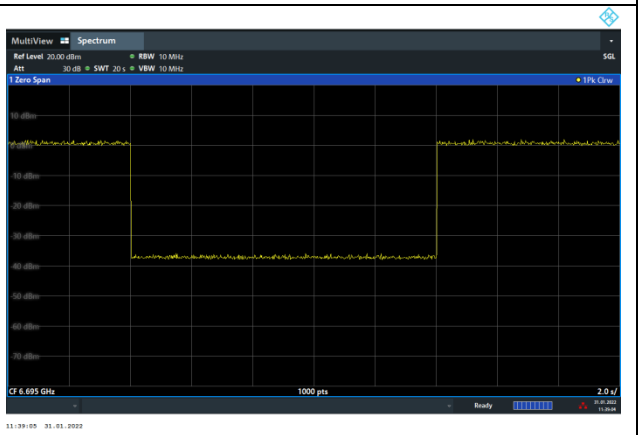
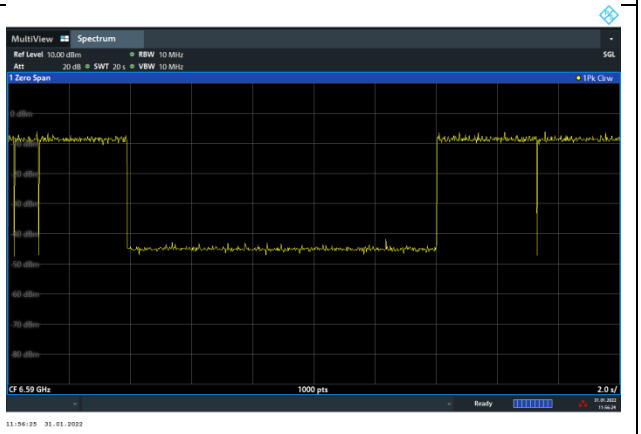
3.5.7 Test Plots of Contention Based Protocol Test

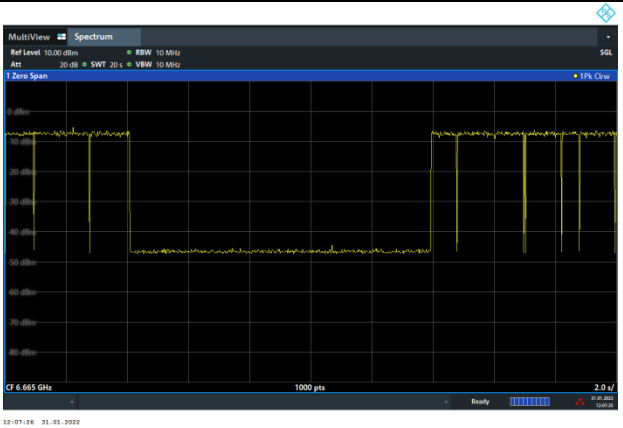
Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)	
802.11ax (HE20) / 6135MHz Threshold Level (TL) = -67.54dBm	802.11ax (HE20) / CH37 Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6110MHz (Lower edge) Threshold Level (TL) = -62.43dBm	802.11ax (HE160) / CH47 (Lower edge) Test result is pass due to no transmission occur.
	

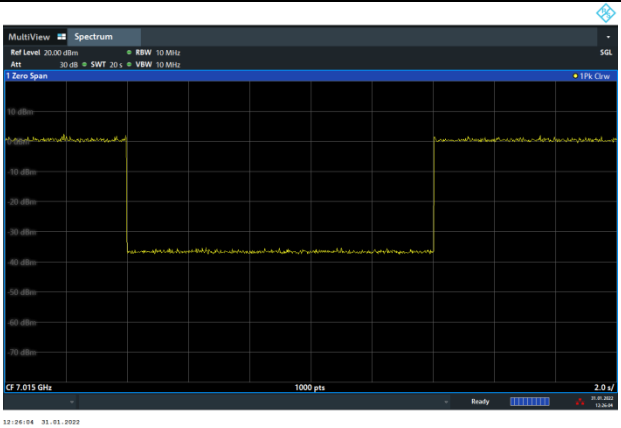
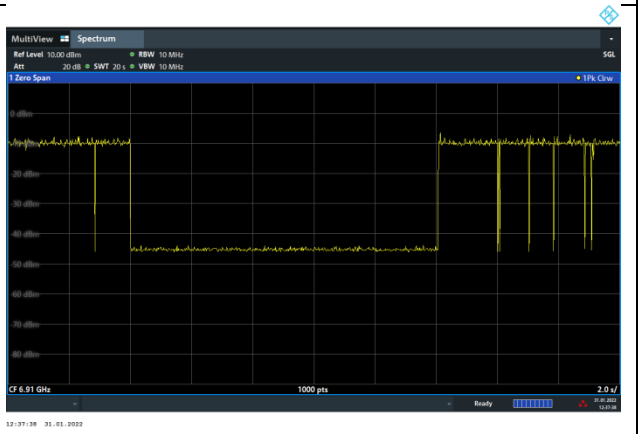
802.11ax (HE160) / 6185MHz (Middle) Threshold Level (TL) = -62.15dBm	802.11ax (HE160) / CH47 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6260MHz (Upper edge) Threshold Level (TL) = -62.70dBm	802.11ax (HE160) / CH47 (Upper edge) Test result is pass due to no transmission occur.
	

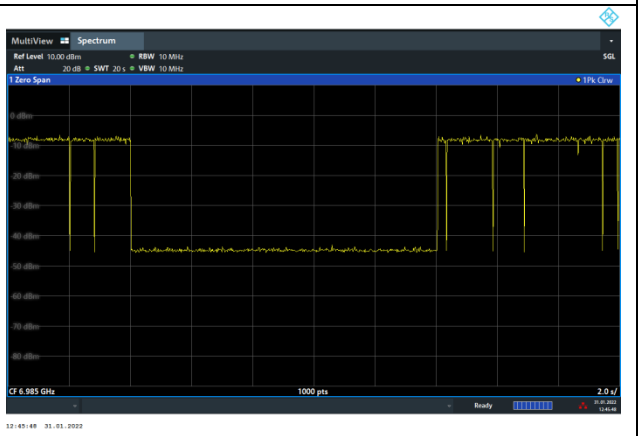
Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)	
802.11ax (HE20) / 6455MHz Threshold Level (TL) = -66.90dBm	802.11ax (HE20) / CH101 Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6430MHz (Lower edge) Threshold Level (TL) = -63.84dBm	802.11ax (HE160) / CH111 (Lower edge) Test result is pass due to no transmission occur.
	

802.11ax (HE160) / 6505MHz (Middle) Threshold Level (TL) = -59.69dBm	802.11ax (HE160) / CH111 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6580MHz (Upper edge) Threshold Level (TL) = -62.19dBm	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) = -67.61dBm	802.11ax (HE20) / CH149 Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6590MHz (Lower edge) Threshold Level (TL) = -64.02dBm	802.11ax (HE160) / CH143 (Lower edge) Test result is pass due to no transmission occur.
	

802.11ax (HE160) / 6665MHz (Middle) Threshold Level (TL) = -59.0dBm	802.11ax (HE160) / CH143 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6740MHz (Upper edge) Threshold Level (TL) = -63.15dBm	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) = -69.11dBm	802.11ax (HE20) / CH213 Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 6910MHz (Lower edge) Threshold Level (TL) = -63.04dBm	802.11ax (HE160) / CH207 (Lower edge) Test result is pass due to no transmission occur.
	

802.11ax (HE160) / 6985MHz (Middle) Threshold Level (TL) = -58.81dBm	802.11ax (HE160) / CH207 (Middle) Test result is pass due to no transmission occur.
	
802.11ax (HE160) / 7060MHz (Upper edge) Threshold Level (TL) = -63.67dBm	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.

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

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

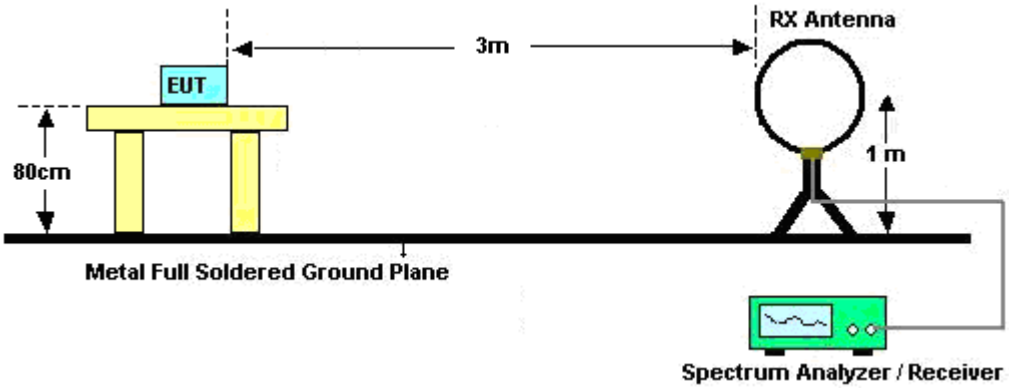
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

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

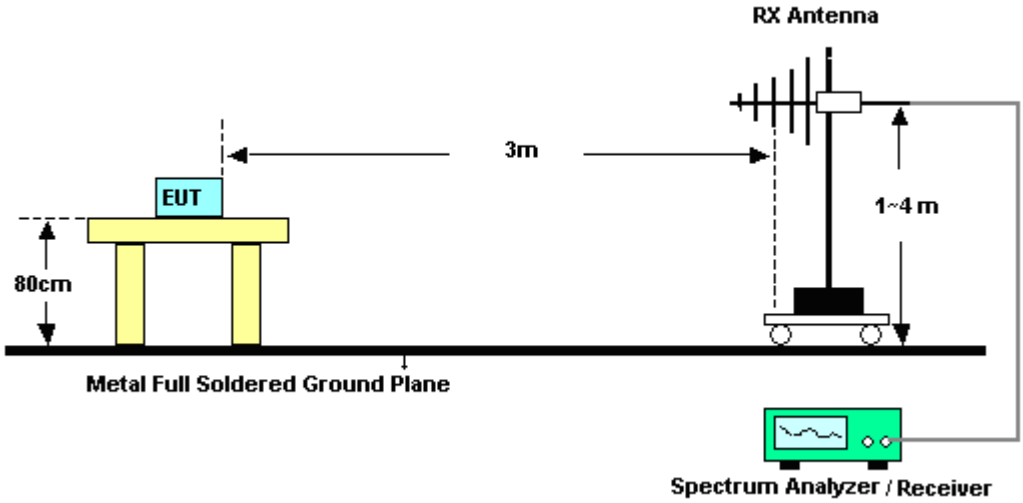
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with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

3.6.4 Test Setup

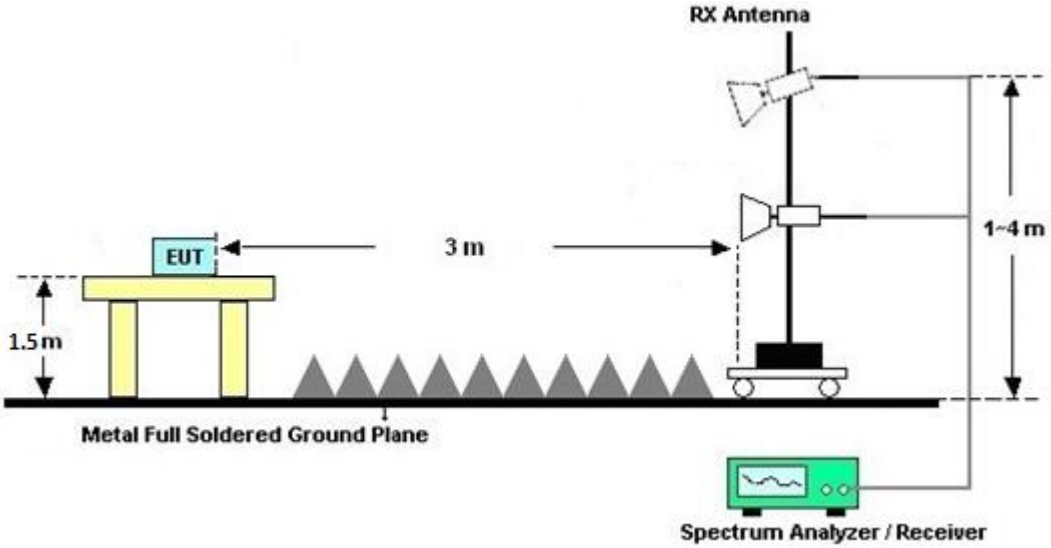
For radiated emissions below 30MHz



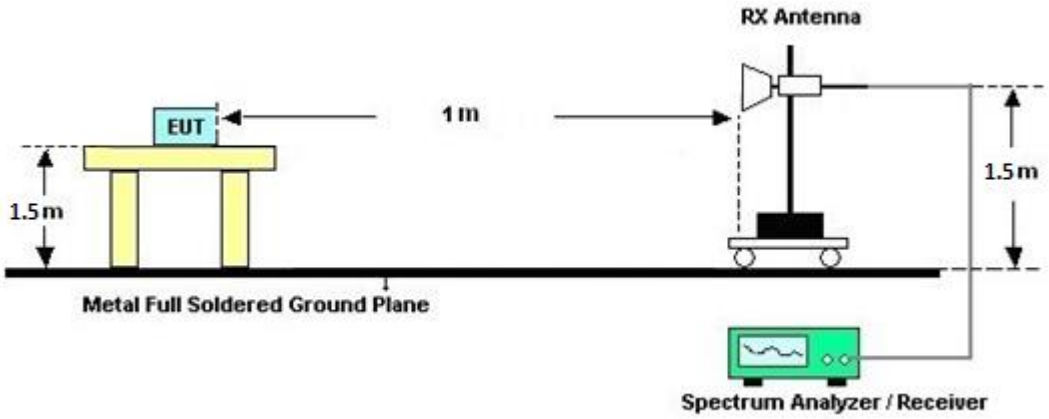
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.6.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.7 AC Conducted Emission Measurement

3.7.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

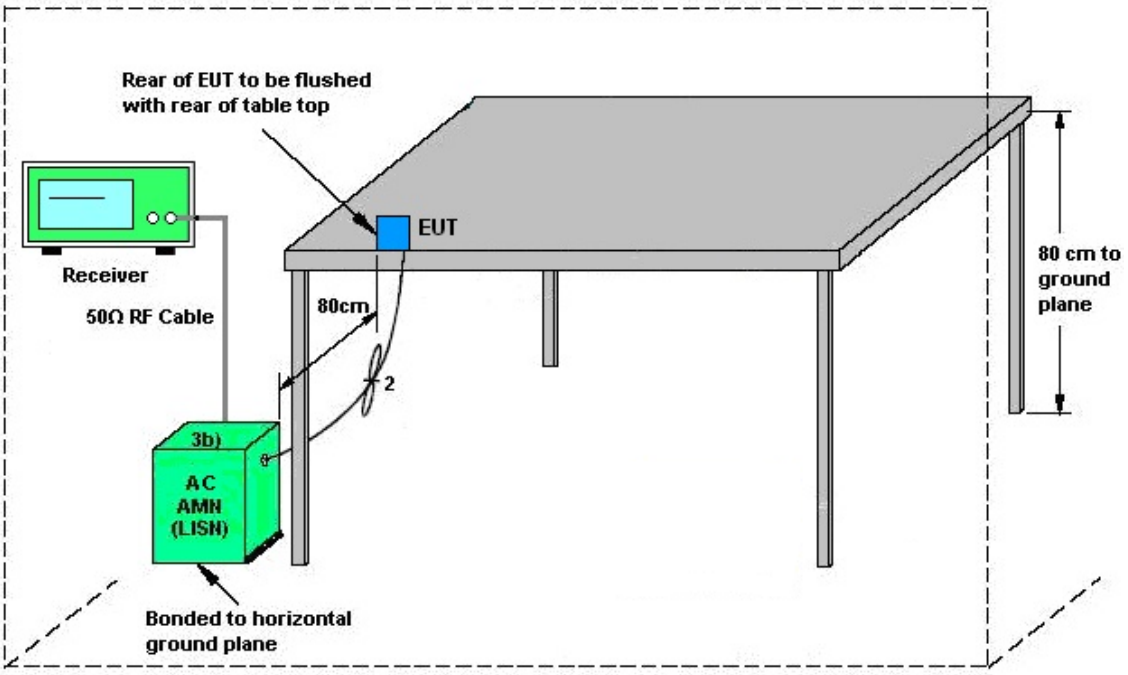
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

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

3.7.4 Test Setup



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.

	Chain 1 (dBi)	Chain 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)
5925 MHz ~ 6425 MHz	3.33	3.28	3.33	6.32
6425 MHz ~ 6525 MHz	3.47	2.54	3.47	6.03
6525 MHz ~ 6875 MHz	3.71	3.42	3.71	6.58
6875 MHz ~ 7125 MHz	3.71	3.42	3.71	6.58

Calculation example:

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

10 x log { { [10^ (3.33dBi / 20) + 10^ (3.28 dBi / 20)] ^ 2 } / 2 }

= 6.32 dBi

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receicver	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 12, 2021	Jan. 18, 2022~ Feb. 17, 2022	Jul. 11, 2022	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 03, 2022	Jan. 18, 2022~ Feb. 17, 2022	Jan. 02, 2023	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 15, 2021	Jan. 18, 2022~ Feb. 17, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 22, 2021	Jan. 18, 2022~ Feb. 17, 2022	Jun. 21, 2022	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Jan. 18, 2022~ Feb. 17, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802 N1D01N-06	55606 & 08	30MHz~1GHz	Oct. 17, 2021	Jan. 18, 2022~ Feb. 17, 2022	Oct. 16, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2021	Jan. 18, 2022~ Feb. 17, 2022	Jun. 22, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00991	18GHz-40GHz	May 12, 2021	Jan. 18, 2022~ Feb. 17, 2022	May 11, 2022	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200728	N/A	Mar. 09, 2021	Jan. 18, 2022~ Feb. 17, 2022	Mar. 08, 2022	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804015/2,804027/2	N/A	Jan. 20, 2021	Jan. 18, 2022~ Feb. 17, 2022	Jan. 19, 2022	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804015/2,804027/2	N/A	Jan. 19, 2022	Jan. 18, 2022~ Feb. 17, 2022	Jan. 18, 2023	Radiation (03CH20-HY)
1.53GHz Low Pass Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN27	N/A	May 25, 2021	Jan. 18, 2022~ Feb. 17, 2022	May 24, 2022	Radiation (03CH20-HY)
Filter	Wainwright	WHKX8-6090-7000-18000-40SS	SN99	N/A	Nov. 04, 2021	Jan. 18, 2022~ Feb. 17, 2022	Nov. 03, 2022	Radiation (03CH20-HY)
Filter	Wainwright	WRCQV14-5425-5825-6525-6925-60SS	SN2	N/A	Jan. 07, 2022	Jan. 18, 2022~ Feb. 17, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Filter	Wainwright	WRCQV14-6025-6425-7125-7525-60SS	SN1	N/A	Jan. 07, 2022	Jan. 18, 2022~ Feb. 17, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Filter	Wainwright	WHW2-7100-10000-18000-40CC	SN3	N/A	May 25, 2021	Jan. 18, 2022~ Feb. 17, 2022	May 24, 2022	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8-24	RK-002156	N/A	N/A	Jan. 18, 2022~ Feb. 17, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Jan. 18, 2022~ Feb. 17, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Jan. 18, 2022~ Feb. 17, 2022	N/A	Radiation (03CH20-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Jan. 18, 2022~ Feb. 17, 2022	N/A	Radiation (03CH20-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Jan. 14, 2022~ Feb. 18, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Meter	Raditeq	RPR3006W #010	RPR6W-2101 002(NO:123)	10MHz~8GHz	Jan. 13, 2022	Jan. 14, 2022~ Feb. 18, 2022	Jan. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Jan. 14, 2022~ Feb. 18, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Dec. 30, 2021	Jan. 14, 2022~ Feb. 18, 2022	Dec. 29, 2022	Conducted (TH05-HY)
Switch Control Manframe	E-IUSTRUME NT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Jan. 14, 2022~ Feb. 18, 2022	Aug. 11, 2022	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jan. 25, 2022	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jan. 25, 2022	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 29, 2021	Jan. 25, 2022	Oct. 28, 2022	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 17, 2021	Jan. 25, 2022	Mar. 16, 2022	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Feb. 01, 2021	Jan. 25, 2022	Jan. 31, 2022	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI7	100724	9kHz~7GHz	Feb. 18, 2021	Jan. 25, 2022	Feb. 17, 2022	Conduction (CO07-HY)
Hygrometer	TECPEL	DTM-303B	TP200728	N/A	Mar. 09, 2021	Jan. 25, 2022	Mar. 08, 2022	Conduction (CO07-HY)
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GH z	Jan. 13, 2022	Jan. 31, 2022	Jan. 12, 2023	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Jan. 31, 2022	Apr. 19, 2022	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A 1	0.5GHz-18GHz	Calibration from System	Jan. 31, 2022	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A 2	0.5GHz-18GHz	Calibration from System	Jan. 31, 2022	Calibration from System	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A 1	0.5-18GHz	Calibration from System	Jan. 31, 2022	Calibration from System	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010(# 2)	2GHz-8GHz	Calibration from System	Jan. 31, 2022	Calibration from System	CBP (DF02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.3 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.9 dB

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.7 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2022/1/14~2/18	Relative Humidity:	51~54	%

Remark: For Conducted Test Items, Ant. 1 means Chain 1 (Aux.) and Ant. 2 means Chain 2 (Main).

TEST RESULTS DATA
26dB and 99% OBW

Band V MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	5955	16.55	16.50	20.15	20.10	
11a	6Mbps	2	6195	16.55	16.55	19.95	19.95	
11a	6Mbps	2	6415	16.55	16.55	20.35	19.70	

TEST RESULTS DATA
EIRP Power Table

FCC Band V MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	5955	-0.20	0.00	2.91	3.33		6.24	24.00	Pass
11a	6Mbps	2	6195	-0.20	-0.20	2.81	3.33		6.14	24.00	Pass
11a	6Mbps	2	6415	-0.70	1.00	3.24	3.33		6.57	24.00	Pass
HT20	MCS0	2	5955	-0.10	0.40	3.17	3.33		6.50	24.00	Pass
HT20	MCS0	2	6195	-0.40	-0.50	2.56	3.33		5.89	24.00	Pass
HT20	MCS0	2	6415	-0.60	0.50	3.00	3.33		6.33	24.00	Pass
HT40	MCS0	2	5965	2.40	3.30	5.88	3.33		9.21	24.00	Pass
HT40	MCS0	2	6205	3.20	3.20	6.21	3.33		9.54	24.00	Pass
HT40	MCS0	2	6405	3.10	3.70	6.42	3.33		9.75	24.00	Pass
VHT20	MCS0	2	5955	-0.10	0.40	3.17	3.33		6.50	24.00	Pass
VHT20	MCS0	2	6195	-0.40	-0.50	2.56	3.33		5.89	24.00	Pass
VHT20	MCS0	2	6415	-0.60	0.50	3.00	3.33		6.33	24.00	Pass
VHT40	MCS0	2	5965	2.40	3.30	5.88	3.33		9.21	24.00	Pass
VHT40	MCS0	2	6205	3.20	3.20	6.21	3.33		9.54	24.00	Pass
VHT40	MCS0	2	6405	3.10	3.70	6.42	3.33		9.75	24.00	Pass
VHT80	MCS0	2	5985	7.00	6.20	9.63	3.33		12.96	24.00	Pass
VHT80	MCS0	2	6225	6.70	5.90	9.33	3.33		12.66	24.00	Pass
VHT80	MCS0	2	6385	6.40	6.10	9.26	3.33		12.59	24.00	Pass
VHT160	MCS0	2	6025	9.20	7.70	11.52	3.33		14.85	24.00	Pass
VHT160	MCS0	2	6185	8.70	7.70	11.24	3.33		14.57	24.00	Pass
VHT160	MCS0	2	6345	8.50	8.50	11.51	3.33		14.84	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band V MIMO												
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	5955	0.05	0.05			-7.55	6.32		-1.23	-1.00	Pass
11a	6Mbps	2	6195	0.05	0.05			-7.33	6.32		-1.01	-1.00	Pass
11a	6Mbps	2	6415	0.05	0.05			-7.59	6.32		-1.28	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VI MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6435	16.55	16.50	20.25	19.55	
11a	6Mbps	2	6475	16.55	16.55	19.95	19.65	
11a	6Mbps	2	6515	16.55	16.50	20.00	19.75	

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TEST RESULTS DATA
EIRP Power Table

FCC Band VI MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6435	-0.30	1.50	3.70	3.47		7.17	24.00	Pass
11a	6Mbps	2	6475	0.50	0.80	3.66	3.47		7.13	24.00	Pass
11a	6Mbps	2	6515	-0.20	0.80	3.34	3.47		6.81	24.00	Pass
HT20	MCS0	2	6435	-0.10	1.20	3.61	3.47		7.08	24.00	Pass
HT20	MCS0	2	6475	-0.10	1.00	3.50	3.47		6.97	24.00	Pass
HT20	MCS0	2	6515	0.00	0.20	3.11	3.47		6.58	24.00	Pass
HT40	MCS0	2	6445	4.30	4.30	7.31	3.47		10.78	24.00	Pass
HT40	MCS0	2	6485	4.30	3.80	7.07	3.47		10.54	24.00	Pass
VHT20	MCS0	2	6435	-0.10	1.20	3.61	3.47		7.08	24.00	Pass
VHT20	MCS0	2	6475	-0.10	1.00	3.50	3.47		6.97	24.00	Pass
VHT20	MCS0	2	6515	0.00	0.20	3.11	3.47		6.58	24.00	Pass
VHT40	MCS0	2	6445	4.30	4.30	7.31	3.47		10.78	24.00	Pass
VHT40	MCS0	2	6485	4.30	3.80	7.07	3.47		10.54	24.00	Pass
VHT80	MCS0	2	6465	7.10	6.90	10.01	3.47		13.48	24.00	Pass

FCC Band VI straddle channel MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HT40	MCS0	2	6525	4.30	3.10	6.75	3.47		10.22	24.00	Pass
VHT40	MCS0	2	6525	4.30	3.10	6.75	3.47		10.22	24.00	Pass
VHT160	MCS0	2	6505	9.50	8.80	12.17	3.47		15.64	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band VI MIMO												
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6435	0.05	0.05			-7.11	6.03		-1.08	-1.00	Pass
11a	6Mbps	2	6475	0.05	0.05			-7.13	6.03		-1.10	-1.00	Pass
11a	6Mbps	2	6515	0.05	0.05			-7.12	6.03		-1.09	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VII MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6535	16.60	16.50	19.90	20.05	
11a	6Mbps	2	6695	16.60	16.55	20.75	19.80	
11a	6Mbps	2	6855	16.70	16.60	20.55	20.00	

TEST RESULTS DATA
EIRP Power Table

FCC Band VII MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6535	-0.60	0.00	2.72	3.71		6.43	24.00	Pass
11a	6Mbps	2	6695	-1.60	-0.50	2.00	3.71		5.71	24.00	Pass
11a	6Mbps	2	6855	-2.20	-0.50	1.74	3.71		5.45	24.00	Pass
HT20	MCS0	2	6535	0.40	1.00	3.72	3.71		7.43	24.00	Pass
HT20	MCS0	2	6695	-1.50	-0.10	2.27	3.71		5.98	24.00	Pass
HT20	MCS0	2	6855	-1.60	0.20	2.40	3.71		6.11	24.00	Pass
HT40	MCS0	2	6565	2.40	2.90	5.67	3.71		9.38	24.00	Pass
HT40	MCS0	2	6685	3.30	3.10	6.21	3.71		9.92	24.00	Pass
HT40	MCS0	2	6845	2.30	2.70	5.51	3.71		9.22	24.00	Pass
VHT20	MCS0	2	6535	0.40	1.00	3.72	3.71		7.43	24.00	Pass
VHT20	MCS0	2	6695	-1.50	-0.10	2.27	3.71		5.98	24.00	Pass
VHT20	MCS0	2	6855	-1.60	0.20	2.40	3.71		6.11	24.00	Pass
VHT40	MCS0	2	6565	2.40	2.90	5.67	3.71		9.38	24.00	Pass
VHT40	MCS0	2	6685	3.30	3.10	6.21	3.71		9.92	24.00	Pass
VHT40	MCS0	2	6845	2.30	2.70	5.51	3.71		9.22	24.00	Pass
VHT80	MCS0	2	6625	6.50	5.90	9.22	3.71		12.93	24.00	Pass
VHT80	MCS0	2	6705	5.90	6.00	8.96	3.71		12.67	24.00	Pass
VHT80	MCS0	2	6785	6.10	6.40	9.26	3.71		12.97	24.00	Pass
VHT160	MCS0	2	6665	8.40	8.60	11.51	3.71		15.22	24.00	Pass
VHT160	MCS0	2	6825	8.30	8.60	11.46	3.71		15.17	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band VII MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6535	0.05	0.05			-7.68	6.58		-1.10	-1.00	Pass
11a	6Mbps	2	6695	0.05	0.05			-7.63	6.58		-1.05	-1.00	Pass
11a	6Mbps	2	6855	0.05	0.05			-7.80	6.58		-1.22	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

Band VIII MIMO								
Mod.	Data Rate	NTX	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
				Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	6895	16.60	16.55	20.10	20.15	
11a	6Mbps	2	6995	16.65	16.55	20.65	19.80	
11a	6Mbps	2	7115	16.65	16.50	20.70	19.85	

TEST RESULTS DATA
EIRP Power Table

FCC Band VIII MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6895	-1.00	-0.20	2.43	3.71		6.14	24.00	Pass
11a	6Mbps	2	6995	-1.20	-0.40	2.23	3.71		5.94	24.00	Pass
11a	6Mbps	2	7115	-1.30	-0.30	2.24	3.71		5.95	24.00	Pass
HT20	MCS0	2	6895	-0.50	0.10	2.82	3.71		6.53	24.00	Pass
HT20	MCS0	2	6995	-1.30	-0.20	2.30	3.71		6.01	24.00	Pass
HT20	MCS0	2	7115	-10.70	-10.50	-7.59	3.71		-3.88	24.00	Pass
HT40	MCS0	2	6925	3.50	2.50	6.04	3.71		9.75	24.00	Pass
HT40	MCS0	2	7005	3.10	2.40	5.77	3.71		9.48	24.00	Pass
HT40	MCS0	2	7085	1.50	1.40	4.46	3.71		8.17	24.00	Pass
VHT20	MCS0	2	6895	-0.50	0.10	2.82	3.71		6.53	24.00	Pass
VHT20	MCS0	2	6995	-1.30	-0.20	2.30	3.71		6.01	24.00	Pass
VHT20	MCS0	2	7115	-10.70	-10.50	-7.59	3.71		-3.88	24.00	Pass
VHT40	MCS0	2	6925	3.50	2.50	6.04	3.71		9.75	24.00	Pass
VHT40	MCS0	2	7005	3.10	2.40	5.77	3.71		9.48	24.00	Pass
VHT40	MCS0	2	7085	1.50	1.40	4.46	3.71		8.17	24.00	Pass
VHT80	MCS0	2	6945	6.60	5.70	9.18	3.71		12.89	24.00	Pass
VHT80	MCS0	2	7025	6.60	5.80	9.23	3.71		12.94	24.00	Pass
VHT160	MCS0	2	6985	8.20	8.40	11.31	3.71		15.02	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band VIII MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6895	0.05	0.05			-7.61	6.58		-1.03	-1.00	Pass
11a	6Mbps	2	6995	0.05	0.05			-7.95	6.58		-1.37	-1.00	Pass
11a	6Mbps	2	7115	0.05	0.05			-7.67	6.58		-1.09	-1.00	Pass

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 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	5955	Full	19.00	18.95	21.15	21.30	
HE20	MCS0	2	6195	Full	19.00	19.00	21.30	21..35	
HE20	MCS0	2	6415	Full	19.00	19.00	21.50	21.50	
HE40	MCS0	2	5965	Full	38.10	37.90	40.32	40.50	
HE40	MCS0	2	6205	Full	38.10	38.20	40.32	40.32	
HE40	MCS0	2	6405	Full	38.10	38.00	40.95	40.68	
HE80	MCS0	2	5985	Full	77.28	76.92	83.04	83.04	
HE80	MCS0	2	6225	Full	77.16	77.16	82.88	82.88	
HE80	MCS0	2	6385	Full	77.28	77.28	83.20	83.68	
HE160	MCS0	2	6025	Full	156.48	156.24	168.00	168.96	
HE160	MCS0	2	6185	Full	156.96	156.72	168.64	168.32	
HE160	MCS0	2	6345	Full	156.48	156.24	168.32	168.32	

TEST RESULTS DATA
EIRP Power Table

FCC Band V MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	001	5955	Full	0.00	0.50	3.27	3.33		6.60	24.00	Pass
HE20	MCS0	2	001	5955	26/0	-9.40	-9.10	-6.24	3.33		-2.91	24.00	Pass
HE20	MCS0	2	001	5955	52/37	-6.30	-5.90	-3.09	3.33		0.24	24.00	Pass
HE20	MCS0	2	001	5955	106/53	-3.60	-3.20	-0.39	3.33		2.94	24.00	Pass
HE20	MCS0	2	045	5955	242/61	-0.10	0.40	3.17	3.33		6.50	24.00	Pass
HE20	MCS0	2	045	6195	Full	-0.30	-0.40	2.66	3.33		5.99	24.00	Pass
HE20	MCS0	2	045	6195	26/4	-8.70	-8.90	-5.79	3.33		-2.46	24.00	Pass
HE20	MCS0	2	045	6195	52/39	-6.20	-6.30	-3.24	3.33		0.09	24.00	Pass
HE20	MCS0	2	045	6195	106/53	-3.90	-4.10	-0.99	3.33		2.34	24.00	Pass
HE20	MCS0	2	093	6195	242/61	-0.40	-0.50	2.56	3.33		5.89	24.00	Pass
HE20	MCS0	2	093	6415	Full	-0.50	0.60	3.10	3.33		6.43	24.00	Pass
HE20	MCS0	2	093	6415	26/8	-10.20	-9.30	-6.72	3.33		-3.39	24.00	Pass
HE20	MCS0	2	093	6415	52/40	-7.30	-6.20	-3.70	3.33		-0.37	24.00	Pass
HE20	MCS0	2	093	6415	106/54	-4.10	-2.70	-0.33	3.33		3.00	24.00	Pass
HE20	MCS0	2	003	6415	242/61	-0.90	0.50	2.87	3.33		6.20	24.00	Pass
HE40	MCS0	2	003	5965	Full	2.50	3.40	5.98	3.33		9.31	24.00	Pass
HE40	MCS0	2	003	5965	26/9	-9.00	-8.50	-5.73	3.33		-2.40	24.00	Pass
HE40	MCS0	2	003	5965	52/41	-6.90	-5.90	-3.36	3.33		-0.03	24.00	Pass
HE40	MCS0	2	003	5965	106/55	-4.10	-3.40	-0.73	3.33		2.60	24.00	Pass
HE40	MCS0	2	003	5965	242/63	-0.70	0.10	5.88	3.33		9.21	24.00	Pass
HE40	MCS0	2	003	5965	484/65	2.40	3.30	5.88	3.33		9.21	24.00	Pass
HE40	MCS0	2	051	6205	Full	3.30	3.30	6.31	3.33		9.64	24.00	Pass
HE40	MCS0	2	051	6205	26/9	-10.10	-10.00	-7.04	3.33		-3.71	24.00	Pass
HE40	MCS0	2	051	6205	52/41	-7.30	-7.20	-4.24	3.33		-0.91	24.00	Pass
HE40	MCS0	2	051	6205	106/58	-3.70	-3.80	-0.74	3.33		2.59	24.00	Pass
HE40	MCS0	2	051	6205	242/62	2.80	2.90	5.86	3.33		9.19	24.00	Pass
HE40	MCS0	2	051	6205	484/65	2.80	2.90	5.86	3.33		9.19	24.00	Pass
HE40	MCS0	2	091	6405	Full	3.20	3.80	6.52	3.33		9.85	24.00	Pass
HE40	MCS0	2	091	6405	26/27	-10.20	-9.50	-6.83	3.33		-3.50	24.00	Pass
HE40	MCS0	2	007	6405	52/48	-7.00	-6.20	-3.57	3.33		-0.24	24.00	Pass
HE40	MCS0	2	091	6405	106/58	2.80	3.40	6.12	3.33		9.45	24.00	Pass
HE40	MCS0	2	055	6405	242/62	-1.00	0.10	2.60	3.33		5.93	24.00	Pass
HE40	MCS0	2	055	6405	484/65	2.80	3.40	6.12	3.33		9.45	24.00	Pass
HE80	MCS0	2	007	5985	Full	7.10	6.30	9.73	3.33		13.06	24.00	Pass
HE80	MCS0	2	007	5985	996/67	6.80	6.10	9.47	3.33		12.80	24.00	Pass
HE80	MCS0	2	055	6225	Full	6.80	6.00	9.43	3.33		12.76	24.00	Pass
HE80	MCS0	2	055	6225	996/67	6.70	5.50	9.15	3.33		12.48	24.00	Pass
HE80	MCS0	2	087	6385	Full	6.50	6.20	9.36	3.33		12.69	24.00	Pass
HE80	MCS0	2	087	6385	996/67	6.40	6.10	9.26	3.33		12.59	24.00	Pass
HE160	MCS0	2	015	6025	Full	9.30	7.80	11.62	3.33		14.95	24.00	Pass
HE160	MCS0	2	015	6025	1992/68	9.20	8.00	11.65	3.33		14.98	24.00	Pass
HE160	MCS0	2	047	6185	Full	8.80	7.80	11.34	3.33		14.67	24.00	Pass
HE160	MCS0	2	047	6185	1992/68	8.70	7.70	11.24	3.33		14.57	24.00	Pass
HE160	MCS0	2	079	6345	Full	8.60	8.60	11.61	3.33		14.94	24.00	Pass
HE160	MCS0	2	079	6345	1992/68	8.50	8.50	11.51	3.33		14.84	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band V MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	5955	Full	0.09	0.09			-7.38	6.32		-1.07	-1.00	Pass
HE20	MCS0	2	5955	26/0	0.09	0.09			-7.49	6.32		-1.17	-1.00	Pass
HE20	MCS0	2	5955	52/37	0.09	0.09			-7.46	6.32		-1.14	-1.00	Pass
HE20	MCS0	2	5955	106/53	0.09	0.09			-7.67	6.32		-1.35	-1.00	Pass
HE20	MCS0	2	5955	242/61	0.09	0.09			-8.13	6.32		-1.81	-1.00	Pass
HE20	MCS0	2	6195	Full	0.09	0.09			-7.52	6.32		-1.20	-1.00	Pass
HE20	MCS0	2	6195	26/4	0.09	0.09			-7.56	6.32		-1.25	-1.00	Pass
HE20	MCS0	2	6195	52/39	0.09	0.09			-7.58	6.32		-1.26	-1.00	Pass
HE20	MCS0	2	6195	106/53	0.09	0.09			-7.93	6.32		-1.62	-1.00	Pass
HE20	MCS0	2	6195	242/61	0.09	0.09			-8.39	6.32		-2.07	-1.00	Pass
HE20	MCS0	2	6415	Full	0.09	0.09			-7.66	6.32		-1.34	-1.00	Pass
HE20	MCS0	2	6415	26/8	0.09	0.09			-7.74	6.32		-1.42	-1.00	Pass
HE20	MCS0	2	6415	52/40	0.09	0.09			-7.93	6.32		-1.61	-1.00	Pass
HE20	MCS0	2	6415	106/54	0.09	0.09			-7.80	6.32		-1.48	-1.00	Pass
HE20	MCS0	2	6415	242/61	0.09	0.09			-8.63	6.32		-2.31	-1.00	Pass
HE40	MCS0	2	5965	Full	0.04	0.04			-7.68	6.32		-1.37	-1.00	Pass
HE40	MCS0	2	5965	26/9	0.04	0.04			-7.69	6.32		-1.38	-1.00	Pass
HE40	MCS0	2	5965	52/41	0.04	0.04			-7.98	6.32		-1.67	-1.00	Pass
HE40	MCS0	2	5965	106/55	0.04	0.04			-7.98	6.32		-1.66	-1.00	Pass
HE40	MCS0	2	5965	242/63	0.04	0.04			-7.87	6.32		-1.56	-1.00	Pass
HE40	MCS0	2	5965	484/65	0.04	0.04			-8.17	6.32		-1.85	-1.00	Pass
HE40	MCS0	2	6205	Full	0.04	0.04			-7.44	6.32		-1.12	-1.00	Pass
HE40	MCS0	2	6205	26/9	0.04	0.04			-7.77	6.32		-1.45	-1.00	Pass
HE40	MCS0	2	6205	52/41	0.04	0.04			-7.89	6.32		-1.57	-1.00	Pass
HE40	MCS0	2	6205	106/58	0.04	0.04			-7.77	6.32		-1.45	-1.00	Pass
HE40	MCS0	2	6205	242/62	0.04	0.04			-7.58	6.32		-1.26	-1.00	Pass
HE40	MCS0	2	6205	484/65	0.04	0.04			-7.96	6.32		-1.64	-1.00	Pass
HE40	MCS0	2	6405	Full	0.04	0.04			-7.48	6.32		-1.17	-1.00	Pass
HE40	MCS0	2	6405	26/27	0.04	0.04			-7.79	6.32		-1.47	-1.00	Pass
HE40	MCS0	2	6405	52/48	0.04	0.04			-7.60	6.32		-1.29	-1.00	Pass
HE40	MCS0	2	6405	106/58	0.04	0.04			-7.68	6.32		-1.37	-1.00	Pass
HE40	MCS0	2	6405	242/62	0.04	0.04			-7.92	6.32		-1.60	-1.00	Pass
HE40	MCS0	2	6405	484/65	0.04	0.04			-8.12	6.32		-1.80	-1.00	Pass
HE80	MCS0	2	5985	Full	0.04	0.04			-7.38	6.32		-1.07	-1.00	Pass
HE80	MCS0	2	5985	996/67	0.04	0.04			-8.17	6.32		-1.85	-1.00	Pass
HE80	MCS0	2	6225	Full	0.04	0.04			-7.51	6.32		-1.19	-1.00	Pass
HE80	MCS0	2	6225	996/67	0.04	0.04			-8.09	6.32		-1.78	-1.00	Pass
HE80	MCS0	2	6385	Full	0.04	0.04			-7.49	6.32		-1.18	-1.00	Pass
HE80	MCS0	2	6385	996/67	0.04	0.04			-8.09	6.32		-1.77	-1.00	Pass
HE160	MCS0	2	6025	Full	0.04	0.04			-7.64	6.32		-1.32	-1.00	Pass
HE160	MCS0	2	6025	1992/68	0.04	0.04			-8.42	6.32		-2.10	-1.00	Pass
HE160	MCS0	2	6185	Full	0.04	0.04			-7.73	6.32		-1.41	-1.00	Pass
HE160	MCS0	2	6185	1992/68	0.04	0.04			-8.81	6.32		-2.49	-1.00	Pass
HE160	MCS0	2	6345	Full	0.04	0.04			-7.60	6.32		-1.29	-1.00	Pass
HE160	MCS0	2	6345	1992/68	0.04	0.04			-9.01	6.32		-2.69	-1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band VI MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6435	Full	19.05	19.00	21.35	21.40	
HE20	MCS0	2	6475	Full	18.95	19.00	21.60	21.00	
HE20	MCS0	2	6515	Full	19.00	19.00	21.30	21.50	
HE40	MCS0	2	6445	Full	38.10	38.10	40.23	40.59	
HE40	MCS0	2	6485	Full	38.20	38.10	40.59	40.14	
HE80	MCS0	2	6465	Full	77.40	77.16	83.04	83.04	

Band VI straddle channel MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE40	MCS0	2	6525	Full	38.10	38.20	40.14	40.68							
HE160	MCS0	2	6505	Full	156.24	156.48	168.64	168.00							

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 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6435	Full	0.00	1.30	3.71	3.47		7.18	24.00	Pass
HE20	MCS0	2	6435	26/0	-9.50	-8.10	-5.73	3.47		-2.26	24.00	Pass
HE20	MCS0	2	6435	52/37	-6.80	-5.50	-3.09	3.47		0.38	24.00	Pass
HE20	MCS0	2	6435	106/53	-3.60	-2.30	0.11	3.47		3.58	24.00	Pass
HE20	MCS0	2	6435	242/61	-0.10	1.20	3.61	3.47		7.08	24.00	Pass
HE20	MCS0	2	6475	Full	0.00	1.10	3.60	3.47		7.07	24.00	Pass
HE20	MCS0	2	6475	26/4	-6.40	-6.40	-3.39	3.47		0.08	24.00	Pass
HE20	MCS0	2	6475	52/39	-6.40	-5.20	-2.75	3.47		0.72	24.00	Pass
HE20	MCS0	2	6475	106/54	-3.70	-2.90	-0.27	3.47		3.20	24.00	Pass
HE20	MCS0	2	6475	242/61	-0.10	0.80	3.38	3.47		6.85	24.00	Pass
HE20	MCS0	2	6515	Full	0.10	0.30	3.21	3.47		6.68	24.00	Pass
HE20	MCS0	2	6515	26/8	-5.40	-6.00	-2.68	3.47		0.79	24.00	Pass
HE20	MCS0	2	6515	52/40	-6.30	-6.40	-3.34	3.47		0.13	24.00	Pass
HE20	MCS0	2	6515	106/54	-3.30	-3.30	-0.29	3.47		3.18	24.00	Pass
HE20	MCS0	2	6515	242/61	0.00	0.20	3.11	3.47		6.58	24.00	Pass
HE40	MCS0	2	6445	Full	4.40	4.40	7.41	3.47		10.88	24.00	Pass
HE40	MCS0	2	6445	26/9	-10.00	-8.60	-6.23	3.47		-2.76	24.00	Pass
HE40	MCS0	2	6445	52/41	-6.70	-5.40	-2.99	3.47		0.48	24.00	Pass
HE40	MCS0	2	6445	106/55	-3.10	-1.90	0.55	3.47		4.02	24.00	Pass
HE40	MCS0	2	6445	242/63	4.30	4.30	7.31	3.47		10.78	24.00	Pass
HE40	MCS0	2	6445	484/65	4.30	4.30	7.31	3.47		10.78	24.00	Pass
HE40	MCS0	2	6485	Full	4.40	3.90	7.17	3.47		10.64	24.00	Pass
HE40	MCS0	2	6485	26/9	-10.10	-8.90	-6.45	3.47		-2.98	24.00	Pass
HE40	MCS0	2	6485	52/41	-6.80	-5.60	-3.15	3.47		0.32	24.00	Pass
HE40	MCS0	2	6485	106/58	-3.50	-2.10	0.27	3.47		3.74	24.00	Pass
HE40	MCS0	2	6485	242/62	4.30	3.80	7.07	3.47		10.54	24.00	Pass
HE40	MCS0	2	6485	484/65	4.30	3.80	7.07	3.47		10.54	24.00	Pass
HE80	MCS0	2	6465	Full	7.20	7.00	10.11	3.47		13.58	24.00	Pass
HE80	MCS0	2	6465	484/65	7.00	6.80	9.91	3.47		13.38	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 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE40	MCS0	2	6525	Full	4.40	3.20	6.85	3.47		10.32	24.00	Pass
HE40	MCS0	2	6525	26/27	-9.10	-9.60	2.70	3.47		6.17	24.00	Pass
HE40	MCS0	2	6525	52/48	-6.50	-6.90	2.70	3.47		6.17	24.00	Pass
HE40	MCS0	2	6525	106/58	-3.10	-3.60	2.70	3.47		6.17	24.00	Pass
HE40	MCS0	2	6525	242/62	2.70	2.40	5.56	3.47		9.03	24.00	Pass
HE40	MCS0	2	6525	484/65	-11.10	-10.30	-7.67	3.47		-4.20	24.00	Pass
HE160	MCS0	2	6505	Full	9.60	8.90	12.27	3.47		15.74	24.00	Pass
HE160	MCS0	2	6505	1992/68	9.50	8.80	12.17	3.47		15.64	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

Band VI MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6435	Full	0.09	0.09			-7.21	6.03		-1.18	-1.00	Pass
HE20	MCS0	2	6435	26/0	0.09	0.09			-7.23	6.03		-1.20	-1.00	Pass
HE20	MCS0	2	6435	52/37	0.09	0.09			-7.58	6.03		-1.55	-1.00	Pass
HE20	MCS0	2	6435	106/53	0.09	0.09			-7.43	6.03		-1.40	-1.00	Pass
HE20	MCS0	2	6435	242/61	0.09	0.09			-7.84	6.03		-1.82	-1.00	Pass
HE20	MCS0	2	6475	Full	0.09	0.09			-7.29	6.03		-1.26	-1.00	Pass
HE20	MCS0	2	6475	26/4	0.09	0.09			-7.79	6.03		-1.76	-1.00	Pass
HE20	MCS0	2	6475	52/39	0.09	0.09			-7.71	6.03		-1.68	-1.00	Pass
HE20	MCS0	2	6475	106/54	0.09	0.09			-7.68	6.03		-1.65	-1.00	Pass
HE20	MCS0	2	6475	242/61	0.09	0.09			-8.23	6.03		-2.20	-1.00	Pass
HE20	MCS0	2	6515	Full	0.09	0.09			-7.13	6.03		-1.10	-1.00	Pass
HE20	MCS0	2	6515	26/8	0.09	0.09			-7.14	6.03		-1.12	-1.00	Pass
HE20	MCS0	2	6515	52/40	0.09	0.09			-7.26	6.03		-1.23	-1.00	Pass
HE20	MCS0	2	6515	106/54	0.09	0.09			-7.22	6.03		-1.19	-1.00	Pass
HE20	MCS0	2	6515	242/61	0.09	0.09			-7.74	6.03		-1.71	-1.00	Pass
HE40	MCS0	2	6445	Full	0.04	0.04			-7.06	6.03		-1.03	-1.00	Pass
HE40	MCS0	2	6445	26/9	0.04	0.04			-7.33	6.03		-1.31	-1.00	Pass
HE40	MCS0	2	6445	52/41	0.04	0.04			-7.42	6.03		-1.40	-1.00	Pass
HE40	MCS0	2	6445	106/55	0.04	0.04			-7.12	6.03		-1.09	-1.00	Pass
HE40	MCS0	2	6445	242/63	0.04	0.04			-7.18	6.03		-1.15	-1.00	Pass
HE40	MCS0	2	6445	484/65	0.04	0.04			-7.33	6.03		-1.30	-1.00	Pass
HE40	MCS0	2	6485	Full	0.04	0.04			-7.11	6.03		-1.09	-1.00	Pass
HE40	MCS0	2	6485	26/9	0.04	0.04			-7.28	6.03		-1.25	-1.00	Pass
HE40	MCS0	2	6485	52/41	0.04	0.04			-7.25	6.03		-1.22	-1.00	Pass
HE40	MCS0	2	6485	106/58	0.04	0.04			-7.45	6.03		-1.43	-1.00	Pass
HE40	MCS0	2	6485	242/62	0.04	0.04			-7.27	6.03		-1.24	-1.00	Pass
HE40	MCS0	2	6485	484/65	0.04	0.04			-7.16	6.03		-1.13	-1.00	Pass
HE80	MCS0	2	6465	Full	0.04	0.04			-7.29	6.03		-1.26	-1.00	Pass
HE80	MCS0	2	6465	484/65	0.04	0.04			-7.64	6.03		-1.61	-1.00	Pass

FCC Band VI straddle channel MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE40	MCS0	2	6525	Full	0.04	0.04			-7.23	6.03		-1.20	-1.00	Pass
HE40	MCS0	2	6525	26/27	0.04	0.04			-7.34	6.03		-1.32	-1.00	Pass
HE40	MCS0	2	6525	52/48	0.04	0.04			-7.64	6.03		-1.61	-1.00	Pass
HE40	MCS0	2	6525	106/58	0.04	0.04			-7.60	6.03		-1.57	-1.00	Pass
HE40	MCS0	2	6525	242/62	0.04	0.04			-7.76	6.03		-1.74	-1.00	Pass
HE40	MCS0	2	6525	484/65	0.04	0.04			-8.67	6.03		-2.64	-1.00	Pass
HE160	MCS0	2	6505	Full	0.04	0.04			-7.32	6.03		-1.29	-1.00	Pass
HE160	MCS0	2	6505	1992/68	0.04	0.04			-8.76	6.03		-2.73	-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 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6535	Full	19.00	19.00	21.20	21.35	
HE20	MCS0	2	6695	Full	19.00	18.95	21.45	21.20	
HE20	MCS0	2	6855	Full	19.05	19.00	21.50	21.50	
HE40	MCS0	2	6565	Full	38.20	38.10	40.68	40.41	
HE40	MCS0	2	6685	Full	38.20	38.20	40.50	40.14	
HE40	MCS0	2	6845	Full	38.20	38.20	40.95	40.23	
HE80	MCS0	2	6625	Full	77.16	77.52	82.56	82.88	
HE80	MCS0	2	6705	Full	77.16	77.28	83.52	83.04	
HE80	MCS0	2	6785	Full	77.52	77.52	84.16	83.20	
HE160	MCS0	2	6665	Full	156.24	156.48	168.32	169.60	
HE160	MCS0	2	6825	Full	156.24	155.76	168.96	167.68	

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 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6535	Full	0.50	1.10	3.82	3.71		7.53	24.00	Pass
HE20	MCS0	2	6535	26/0	-10.00	-9.40	-6.68	3.71		-2.97	24.00	Pass
HE20	MCS0	2	6535	52/37	-7.60	-6.80	-4.17	3.71		-0.46	24.00	Pass
HE20	MCS0	2	6535	106/53	-4.00	-3.60	-0.79	3.71		2.92	24.00	Pass
HE20	MCS0	2	6535	242/61	0.00	0.50	3.27	3.71		6.98	24.00	Pass
HE20	MCS0	2	6695	Full	-1.40	0.00	2.37	3.71		6.08	24.00	Pass
HE20	MCS0	2	6695	26/4	-10.20	-8.90	-6.49	3.71		-2.78	24.00	Pass
HE20	MCS0	2	6695	52/38	-8.70	-7.40	-4.99	3.71		-1.28	24.00	Pass
HE20	MCS0	2	6695	106/53	-5.50	-4.20	-1.79	3.71		1.92	24.00	Pass
HE20	MCS0	2	6695	242/61	-1.50	-0.10	2.27	3.71		5.98	24.00	Pass
HE20	MCS0	2	6855	Full	-1.50	0.30	2.50	3.71		6.21	24.00	Pass
HE20	MCS0	2	6855	26/8	-11.10	-9.70	-7.33	3.71		-3.62	24.00	Pass
HE20	MCS0	2	6855	52/40	-8.10	-6.70	-4.33	3.71		-0.62	24.00	Pass
HE20	MCS0	2	6855	106/54	-5.10	-3.70	-1.33	3.71		2.38	24.00	Pass
HE20	MCS0	2	6855	242/61	-1.60	0.00	2.28	3.71		5.99	24.00	Pass
HE40	MCS0	2	6565	Full	2.50	3.00	5.77	3.71		9.48	24.00	Pass
HE40	MCS0	2	6565	26/9	-11.10	-10.30	-7.67	3.71		-3.96	24.00	Pass
HE40	MCS0	2	6565	52/41	-8.00	-6.90	-4.40	3.71		-0.69	24.00	Pass
HE40	MCS0	2	6565	106/55	-4.70	-4.00	-1.33	3.71		2.38	24.00	Pass
HE40	MCS0	2	6565	242/63	2.40	2.90	5.67	3.71		9.38	24.00	Pass
HE40	MCS0	2	6565	484/65	2.40	2.90	5.67	3.71		9.38	24.00	Pass
HE40	MCS0	2	6685	Full	3.40	3.20	6.31	3.71		10.02	24.00	Pass
HE40	MCS0	2	6685	26/9	-11.40	-10.10	-7.69	3.71		-3.98	24.00	Pass
HE40	MCS0	2	6685	52/41	-7.30	-6.80	-4.03	3.71		-0.32	24.00	Pass
HE40	MCS0	2	6685	106/58	-4.90	-3.70	-1.25	3.71		2.46	24.00	Pass
HE40	MCS0	2	6685	242/62	2.40	3.10	5.77	3.71		9.48	24.00	Pass
HE40	MCS0	2	6685	484/65	2.40	3.10	5.77	3.71		9.48	24.00	Pass
HE40	MCS0	2	6845	Full	2.40	2.80	5.61	3.71		9.32	24.00	Pass
HE40	MCS0	2	6845	26/27	-10.90	-10.20	-7.53	3.71		-3.82	24.00	Pass
HE40	MCS0	2	6845	52/48	-7.60	-6.90	-4.23	3.71		-0.52	24.00	Pass
HE40	MCS0	2	6845	106/58	-4.30	-3.80	-1.03	3.71		2.68	24.00	Pass
HE40	MCS0	2	6845	242/62	2.30	2.70	5.51	3.71		9.22	24.00	Pass
HE40	MCS0	2	6845	484/65	2.30	2.70	5.51	3.71		9.22	24.00	Pass
HE80	MCS0	2	6625	Full	6.60	6.00	9.32	3.71		13.03	24.00	Pass
HE80	MCS0	2	6625	996/67	6.50	5.80	9.17	3.71		12.88	24.00	Pass
HE80	MCS0	2	6705	Full	6.00	6.10	9.06	3.71		12.77	24.00	Pass
HE80	MCS0	2	6705	996/67	5.90	6.00	8.96	3.71		12.67	24.00	Pass
HE80	MCS0	2	6785	Full	6.20	6.50	9.36	3.71		13.07	24.00	Pass
HE80	MCS0	2	6785	996/67	6.00	6.20	9.11	3.71		12.82	24.00	Pass
HE160	MCS0	2	6665	Full	8.50	8.70	11.61	3.71		15.32	24.00	Pass
HE160	MCS0	2	6665	1992/68	8.40	8.60	11.51	3.71		15.22	24.00	Pass
HE160	MCS0	2	6825	Full	8.40	8.70	11.56	3.71		15.27	24.00	Pass
HE160	MCS0	2	6825	1992/68	8.30	8.60	11.46	3.71		15.17	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

FCC Band VII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6535	Full	0.09	0.09			-7.66	6.58		-1.08	-1.00	Pass
HE20	MCS0	2	6535	26/0	0.09	0.09			-7.86	6.58		-1.28	-1.00	Pass
HE20	MCS0	2	6535	52/37	0.09	0.09			-8.00	6.58		-1.42	-1.00	Pass
HE20	MCS0	2	6535	106/53	0.09	0.09			-7.83	6.58		-1.25	-1.00	Pass
HE20	MCS0	2	6535	242/61	0.09	0.09			-7.79	6.58		-1.21	-1.00	Pass
HE20	MCS0	2	6695	Full	0.09	0.09			-7.81	6.58		-1.23	-1.00	Pass
HE20	MCS0	2	6695	26/4	0.09	0.09			-7.92	6.58		-1.35	-1.00	Pass
HE20	MCS0	2	6695	52/38	0.09	0.09			-8.06	6.58		-1.49	-1.00	Pass
HE20	MCS0	2	6695	106/53	0.09	0.09			-8.35	6.58		-1.77	-1.00	Pass
HE20	MCS0	2	6695	242/61	0.09	0.09			-8.29	6.58		-1.72	-1.00	Pass
HE20	MCS0	2	6855	Full	0.09	0.09			-7.81	6.58		-1.24	-1.00	Pass
HE20	MCS0	2	6855	26/8	0.09	0.09			-7.91	6.58		-1.33	-1.00	Pass
HE20	MCS0	2	6855	52/40	0.09	0.09			-7.98	6.58		-1.40	-1.00	Pass
HE20	MCS0	2	6855	106/54	0.09	0.09			-8.21	6.58		-1.63	-1.00	Pass
HE20	MCS0	2	6855	242/61	0.09	0.09			-8.60	6.58		-2.02	-1.00	Pass
HE40	MCS0	2	6565	Full	0.04	0.04			-8.15	6.58		-1.58	-1.00	Pass
HE40	MCS0	2	6565	26/9	0.04	0.04			-8.34	6.58		-1.77	-1.00	Pass
HE40	MCS0	2	6565	52/41	0.04	0.04			-8.31	6.58		-1.73	-1.00	Pass
HE40	MCS0	2	6565	106/55	0.04	0.04			-8.39	6.58		-1.81	-1.00	Pass
HE40	MCS0	2	6565	242/63	0.04	0.04			-8.28	6.58		-1.71	-1.00	Pass
HE40	MCS0	2	6565	484/65	0.04	0.04			-8.19	6.58		-1.61	-1.00	Pass
HE40	MCS0	2	6685	Full	0.04	0.04			-7.60	6.58		-1.02	-1.00	Pass
HE40	MCS0	2	6685	26/9	0.04	0.04			-8.07	6.58		-1.49	-1.00	Pass
HE40	MCS0	2	6685	52/41	0.04	0.04			-7.85	6.58		-1.27	-1.00	Pass
HE40	MCS0	2	6685	106/58	0.04	0.04			-7.94	6.58		-1.36	-1.00	Pass
HE40	MCS0	2	6685	242/62	0.04	0.04			-8.00	6.58		-1.42	-1.00	Pass
HE40	MCS0	2	6685	484/65	0.04	0.04			-7.74	6.58		-1.16	-1.00	Pass
HE40	MCS0	2	6845	Full	0.04	0.04			-7.98	6.58		-1.40	-1.00	Pass
HE40	MCS0	2	6845	26/27	0.04	0.04			-8.17	6.58		-1.59	-1.00	Pass
HE40	MCS0	2	6845	52/48	0.04	0.04			-8.05	6.58		-1.47	-1.00	Pass
HE40	MCS0	2	6845	106/58	0.04	0.04			-8.06	6.58		-1.49	-1.00	Pass
HE40	MCS0	2	6845	242/62	0.04	0.04			-8.20	6.58		-1.62	-1.00	Pass
HE40	MCS0	2	6845	484/65	0.04	0.04			-8.17	6.58		-1.59	-1.00	Pass
HE80	MCS0	2	6625	Full	0.04	0.04			-7.75	6.58		-1.17	-1.00	Pass
HE80	MCS0	2	6625	996/67	0.04	0.04			-8.64	6.58		-2.06	-1.00	Pass
HE80	MCS0	2	6705	Full	0.04	0.04			-7.65	6.58		-1.07	-1.00	Pass
HE80	MCS0	2	6705	996/67	0.04	0.04			-8.25	6.58		-1.67	-1.00	Pass
HE80	MCS0	2	6785	Full	0.04	0.04			-7.75	6.58		-1.17	-1.00	Pass
HE80	MCS0	2	6785	996/67	0.04	0.04			-8.06	6.58		-1.48	-1.00	Pass
HE160	MCS0	2	6665	Full	0.04	0.04			-7.66	6.58		-1.08	-1.00	Pass
HE160	MCS0	2	6665	1992/68	0.04	0.04			-9.13	6.58		-2.55	-1.00	Pass
HE160	MCS0	2	6825	Full	0.04	0.04			-7.68	6.58		-1.10	-1.00	Pass
HE160	MCS0	2	6825	1992/68	0.04	0.04			-8.93	6.58		-2.35	-1.00	Pass

TEST RESULTS DATA
26dB EBW and 99% OBW

Band VIII MIMO									
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	6895	Full	19.00	19.00	21.35	21.55	
HE20	MCS0	2	6995	Full	19.00	19.00	21.70	21.40	
HE20	MCS0	2	7115	Full	31.85	29.05	21.50	21.20	
HE40	MCS0	2	6925	Full	38.10	38.20	40.59	40.77	
HE40	MCS0	2	7005	Full	38.00	38.10	40.59	40.41	
HE40	MCS0	2	7085	Full	38.30	38.20	40.68	43.47	
HE80	MCS0	2	6945	Full	77.28	77.52	83.20	83.20	
HE80	MCS0	2	7025	Full	77.40	77.40	83.04	83.20	
HE160	MCS0	2	6985	Full	156.72	157.20	169.28	168.32	

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 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6895	Full	-0.40	0.20	2.92	3.71		6.63	24.00	Pass
HE20	MCS0	2	6895	26/0	-10.10	-9.60	-6.83	3.71		-3.12	24.00	Pass
HE20	MCS0	2	6895	52/37	-7.80	-7.10	-4.43	3.71		-0.72	24.00	Pass
HE20	MCS0	2	6895	106/53	-4.50	-3.90	-1.18	3.71		2.53	24.00	Pass
HE20	MCS0	2	6895	242/61	-0.50	0.10	2.82	3.71		6.53	24.00	Pass
HE20	MCS0	2	6995	Full	-1.20	-0.10	2.40	3.71		6.11	24.00	Pass
HE20	MCS0	2	6995	26/4	-9.90	-9.60	-6.74	3.71		-3.03	24.00	Pass
HE20	MCS0	2	6995	52/38	-8.60	-7.50	-5.00	3.71		-1.29	24.00	Pass
HE20	MCS0	2	6995	106/53	-5.40	-4.00	-1.63	3.71		2.08	24.00	Pass
HE20	MCS0	2	6995	242/61	-1.30	-0.20	2.30	3.71		6.01	24.00	Pass
HE20	MCS0	2	7115	Full	-10.60	-10.40	-7.49	3.71		-3.78	24.00	Pass
HE20	MCS0	2	7115	26/8	-19.90	-19.70	-16.79	3.71		-13.08	24.00	Pass
HE20	MCS0	2	7115	52/40	-17.20	-16.90	-14.04	3.71		-10.33	24.00	Pass
HE20	MCS0	2	7115	106/54	-14.40	-13.90	-11.13	3.71		-7.42	24.00	Pass
HE20	MCS0	2	7115	242/61	-10.70	-10.50	-7.59	3.71		-3.88	24.00	Pass
HE40	MCS0	2	6925	Full	3.60	2.60	6.14	3.71		9.85	24.00	Pass
HE40	MCS0	2	6925	26/9	-9.80	-10.00	-6.89	3.71		-3.18	24.00	Pass
HE40	MCS0	2	6925	52/41	-7.10	-7.30	-4.19	3.71		-0.48	24.00	Pass
HE40	MCS0	2	6925	106/55	-4.00	-4.40	-1.19	3.71		2.52	24.00	Pass
HE40	MCS0	2	6925	242/63	2.20	2.10	5.16	3.71		8.87	24.00	Pass
HE40	MCS0	2	6925	484/65	2.20	2.10	5.16	3.71		8.87	24.00	Pass
HE40	MCS0	2	7005	Full	3.20	2.50	5.87	3.71		9.58	24.00	Pass
HE40	MCS0	2	7005	26/9	-10.60	-10.00	-7.28	3.71		-3.57	24.00	Pass
HE40	MCS0	2	7005	52/41	-8.00	-7.40	-4.68	3.71		-0.97	24.00	Pass
HE40	MCS0	2	7005	106/58	-5.00	-3.90	-1.40	3.71		2.31	24.00	Pass
HE40	MCS0	2	7005	242/62	1.70	2.40	5.07	3.71		8.78	24.00	Pass
HE40	MCS0	2	7005	484/65	1.70	2.40	5.07	3.71		8.78	24.00	Pass
HE40	MCS0	2	7085	Full	1.60	1.50	4.56	3.71		8.27	24.00	Pass
HE40	MCS0	2	7085	26/27	-11.00	-11.00	-7.99	3.71		-4.28	24.00	Pass
HE40	MCS0	2	7085	52/48	-8.00	-8.00	-4.99	3.71		-1.28	24.00	Pass
HE40	MCS0	2	7085	106/58	-5.20	-5.30	-2.24	3.71		1.47	24.00	Pass
HE40	MCS0	2	7085	242/62	1.50	1.40	4.46	3.71		8.17	24.00	Pass
HE40	MCS0	2	7085	484/65	1.50	1.40	4.46	3.71		8.17	24.00	Pass
HE80	MCS0	2	6945	Full	6.70	5.80	9.28	3.71		12.99	24.00	Pass
HE80	MCS0	2	6945	996/67	6.50	5.60	9.08	3.71		12.79	24.00	Pass
HE80	MCS0	2	7025	Full	6.70	5.90	9.33	3.71		13.04	24.00	Pass
HE80	MCS0	2	7025	996/67	6.50	5.70	9.13	3.71		12.84	24.00	Pass
HE160	MCS0	2	6985	Full	8.30	8.50	11.41	3.71		15.12	24.00	Pass
HE160	MCS0	2	6985	1992/68	8.20	8.40	11.31	3.71		15.02	24.00	Pass

TEST RESULTS DATA
EIRP Power Spectral Density

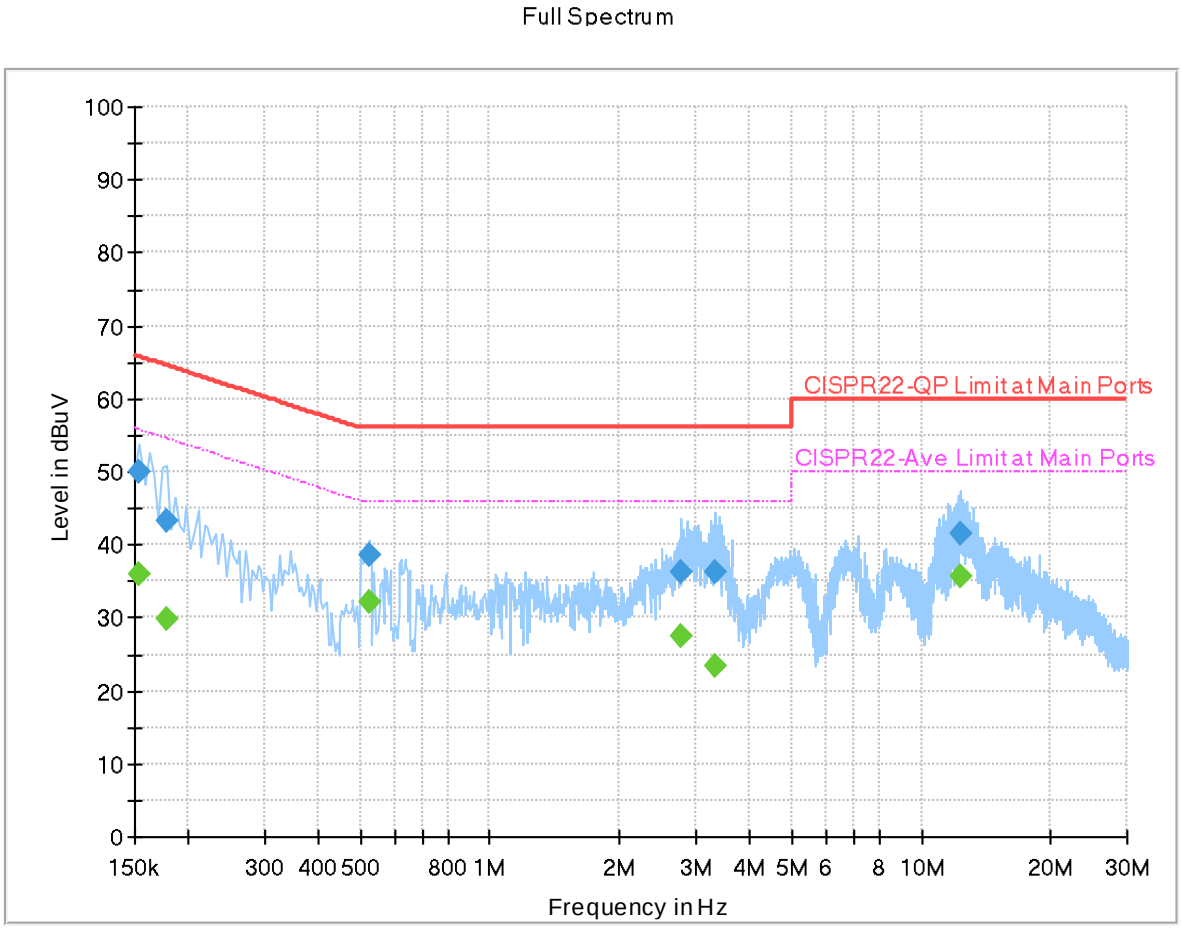
FCC Band VIII MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6895	Full	0.09	0.09			-7.71	6.58		-1.14	-1.00	Pass
HE20	MCS0	2	6895	26/0	0.09	0.09			-7.90	6.58		-1.32	-1.00	Pass
HE20	MCS0	2	6895	52/37	0.09	0.09			-8.14	6.58		-1.56	-1.00	Pass
HE20	MCS0	2	6895	106/53	0.09	0.09			-7.91	6.58		-1.34	-1.00	Pass
HE20	MCS0	2	6895	242/61	0.09	0.09			-8.20	6.58		-1.62	-1.00	Pass
HE20	MCS0	2	6995	Full	0.09	0.09			-8.14	6.58		-1.56	-1.00	Pass
HE20	MCS0	2	6995	26/4	0.09	0.09			-8.61	6.58		-2.03	-1.00	Pass
HE20	MCS0	2	6995	52/38	0.09	0.09			-8.52	6.58		-1.95	-1.00	Pass
HE20	MCS0	2	6995	106/53	0.09	0.09			-8.54	6.58		-1.96	-1.00	Pass
HE20	MCS0	2	6995	242/61	0.09	0.09			-8.37	6.58		-1.80	-1.00	Pass
HE20	MCS0	2	7115	Full	0.09	0.09			-16.83	6.58		-10.25	-1.00	Pass
HE20	MCS0	2	7115	26/8	0.09	0.09			-17.27	6.58		-10.70	-1.00	Pass
HE20	MCS0	2	7115	52/40	0.09	0.09			-16.98	6.58		-10.40	-1.00	Pass
HE20	MCS0	2	7115	106/54	0.09	0.09			-17.17	6.58		-10.59	-1.00	Pass
HE20	MCS0	2	7115	242/61	0.09	0.09			-18.21	6.58		-11.64	-1.00	Pass
HE40	MCS0	2	6925	Full	0.04	0.04			-7.72	6.58		-1.14	-1.00	Pass
HE40	MCS0	2	6925	26/9	0.04	0.04			-7.91	6.58		-1.34	-1.00	Pass
HE40	MCS0	2	6925	52/41	0.04	0.04			-7.90	6.58		-1.32	-1.00	Pass
HE40	MCS0	2	6925	106/55	0.04	0.04			-8.18	6.58		-1.60	-1.00	Pass
HE40	MCS0	2	6925	242/63	0.04	0.04			-8.04	6.58		-1.46	-1.00	Pass
HE40	MCS0	2	6925	484/65	0.04	0.04			-8.89	6.58		-2.31	-1.00	Pass
HE40	MCS0	2	7005	Full	0.04	0.04			-7.98	6.58		-1.40	-1.00	Pass
HE40	MCS0	2	7005	26/9	0.04	0.04			-8.16	6.58		-1.59	-1.00	Pass
HE40	MCS0	2	7005	52/41	0.04	0.04			-8.40	6.58		-1.82	-1.00	Pass
HE40	MCS0	2	7005	106/58	0.04	0.04			-8.31	6.58		-1.74	-1.00	Pass
HE40	MCS0	2	7005	242/62	0.04	0.04			-8.31	6.58		-1.73	-1.00	Pass
HE40	MCS0	2	7005	484/65	0.04	0.04			-8.57	6.58		-1.99	-1.00	Pass
HE40	MCS0	2	7085	Full	0.04	0.04			-8.73	6.58		-2.16	-1.00	Pass
HE40	MCS0	2	7085	26/27	0.04	0.04			-8.99	6.58		-2.41	-1.00	Pass
HE40	MCS0	2	7085	52/48	0.04	0.04			-8.90	6.58		-2.32	-1.00	Pass
HE40	MCS0	2	7085	106/58	0.04	0.04			-9.04	6.58		-2.46	-1.00	Pass
HE40	MCS0	2	7085	242/62	0.04	0.04			-9.21	6.58		-2.63	-1.00	Pass
HE40	MCS0	2	7085	484/65	0.04	0.04			-8.86	6.58		-2.28	-1.00	Pass
HE80	MCS0	2	6945	Full	0.04	0.04			-7.59	6.58		-1.02	-1.00	Pass
HE80	MCS0	2	6945	996/67	0.04	0.04			-8.38	6.58		-1.80	-1.00	Pass
HE80	MCS0	2	7025	Full	0.04	0.04			-7.65	6.58		-1.07	-1.00	Pass
HE80	MCS0	2	7025	996/67	0.04	0.04			-8.30	6.58		-1.72	-1.00	Pass
HE160	MCS0	2	6985	Full	0.04	0.04			-7.62	6.58		-1.04	-1.00	Pass
HE160	MCS0	2	6985	1992/68	0.04	0.04			-9.13	6.58		-2.56	-1.00	Pass

Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO :	1D1645-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

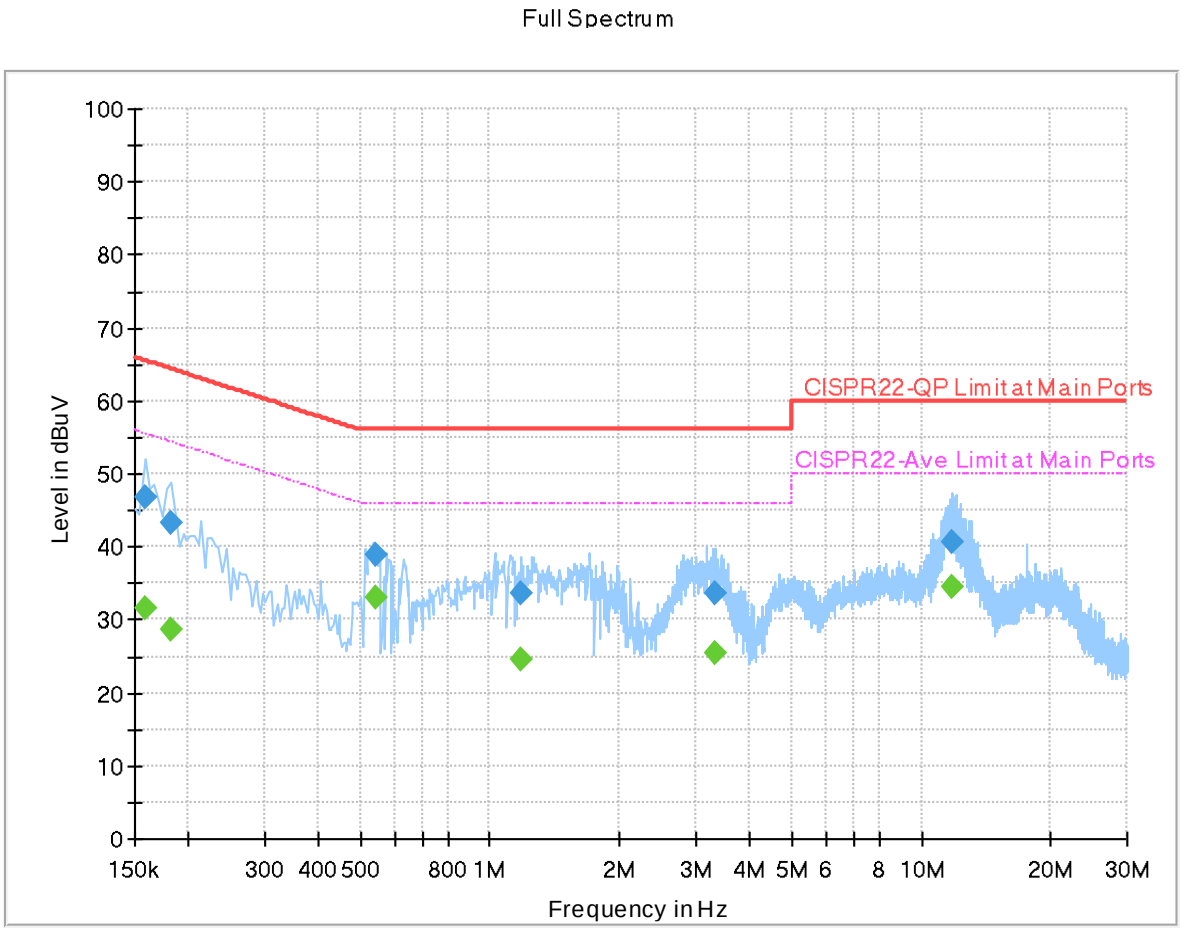


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154000	---	35.98	55.78	19.80	L1	OFF	20.1
0.154000	50.03	---	65.78	15.75	L1	OFF	20.1
0.178000	---	29.88	54.58	24.70	L1	OFF	20.0
0.178000	43.20	---	64.58	21.38	L1	OFF	20.0
0.526000	---	32.25	46.00	13.75	L1	OFF	20.0
0.526000	38.61	---	56.00	17.39	L1	OFF	20.0
2.766000	---	27.59	46.00	18.41	L1	OFF	20.1
2.766000	36.23	---	56.00	19.77	L1	OFF	20.1
3.342000	---	23.37	46.00	22.63	L1	OFF	20.1
3.342000	36.35	---	56.00	19.65	L1	OFF	20.1
12.310000	---	35.77	50.00	14.23	L1	OFF	20.3
12.310000	41.62	---	60.00	18.38	L1	OFF	20.3

EUT Information

Report NO :	1D1645-01
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)
0.158000	---	31.72	55.57	23.85	N	OFF	20.1
0.158000	46.72	---	65.57	18.85	N	OFF	20.1
0.182000	---	28.55	54.39	25.84	N	OFF	20.1
0.182000	43.13	---	64.39	21.26	N	OFF	20.1
0.546000	---	32.96	46.00	13.04	N	OFF	20.0
0.546000	38.87	---	56.00	17.13	N	OFF	20.0
1.182000	---	24.42	46.00	21.58	N	OFF	20.1
1.182000	33.60	---	56.00	22.40	N	OFF	20.1
3.314000	---	25.38	46.00	20.62	N	OFF	20.1
3.314000	33.76	---	56.00	22.24	N	OFF	20.1
11.834000	---	34.48	50.00	15.52	N	OFF	20.2
11.834000	40.52	---	60.00	19.48	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	Bill Chang, JC Liang, Karl Hou and Wilson Wu	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

Remark: For Radiated Spurious Emission Test Items, Ant. 1 means Chain 1 (Aux.) and Ant. 2 means Chain 2 (Main).

<Sample 1>

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 1+2	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)
		10832	51.47	-22.53	74	35.13	39	19.03	41.69	-	-	P	H
		10832	40.56	-13.44	54	24.22	39	19.03	41.69	-	-	A	H
		12690	51.36	-22.64	74	34.36	39.48	20.74	43.22	100	88	P	H
		12690	42.16	-11.84	54	25.16	39.48	20.74	43.22	100	88	A	H
		13288	52.83	-21.17	74	34.9	39.79	21.29	43.15	-	-	P	H
		13288	42.1	-11.9	54	24.17	39.79	21.29	43.15	-	-	A	H
		17984	54.58	-19.42	74	34.08	41.69	24.27	45.46	-	-	P	H
		17984	45.76	-8.24	54	25.26	41.69	24.27	45.46	-	-	A	H
		19035	36.08	-37.92	74	38.28	38.01	14.98	55.19	-	-	P	H
		39538	53.15	-20.85	74	38.53	44.67	26.21	56.26	-	-	P	H
802.11ax		39538	41.96	-12.04	54	27.34	44.67	26.21	56.26	-	-	A	H
HE160 Full													H
CH 79		10744	52	-22	74	35.78	38.99	18.93	41.7	-	-	P	V
6345MHz		10744	41.49	-12.51	54	25.27	38.99	18.93	41.7	-	-	A	V
		12690	50.73	-23.27	74	33.73	39.48	20.74	43.22	127	48	P	V
		12690	42.23	-11.77	54	25.23	39.48	20.74	43.22	127	48	A	V
		13272	53.16	-20.84	74	35.26	39.77	21.28	43.15	-	-	P	V
		13272	42.22	-11.78	54	24.32	39.77	21.28	43.15	-	-	A	V
		17992	54.88	-19.12	74	34.33	41.74	24.27	45.46	-	-	P	V
		17992	45.88	-8.12	54	25.33	41.74	24.27	45.46	-	-	A	V
		19035	36.64	-37.36	74	38.84	38.01	14.98	55.19	-	-	P	V
		39384	52.52	-21.48	74	38.18	44.61	26.12	56.39	-	-	P	V
		39384	41.76	-12.24	54	27.42	44.61	26.12	56.39	-	-	A	V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 6 5250~5350MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 1+2	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)
		10800	51.43	-22.57	74	35.03	39.1	18.99	41.69	-	-	P	H
		10800	40.75	-13.25	54	24.35	39.1	18.99	41.69	-	-	A	H
		13010	50.11	-38.09	88.2	32.44	39.69	21.08	43.1	-	-	P	H
		13280	52.25	-21.75	74	34.34	39.78	21.28	43.15	-	-	P	H
		13280	42.34	-11.66	54	24.43	39.78	21.28	43.15	-	-	A	H
		17952	54.77	-19.23	74	34.5	41.46	24.25	45.44	-	-	P	H
		17952	45.47	-8.53	54	25.2	41.46	24.25	45.44	-	-	A	H
		19515	35.93	-38.07	74	37.47	37.71	15.75	55	-	-	P	H
		39406	53.1	-20.9	74	38.73	44.62	26.13	56.38	-	-	P	H
		39406	41.62	-12.38	54	27.25	44.62	26.13	56.38	-	-	A	H
802.11ax													H
HE160 Full													H
CH 111		12552	51.3	-22.7	74	34.73	39.25	20.6	43.28	-	-	P	V
6505MHz		12552	40.89	-13.11	54	24.32	39.25	20.6	43.28	-	-	A	V
		13010	50.53	-37.67	88.2	32.86	39.69	21.08	43.1	-	-	P	V
		13312	51.86	-22.14	74	33.89	39.82	21.31	43.16	-	-	P	V
		13312	42.35	-11.65	54	24.38	39.82	21.31	43.16	-	-	A	V
		17864	54.12	-19.88	74	34.53	40.78	24.18	45.37	-	-	P	V
		17864	44.95	-9.05	54	25.36	40.78	24.18	45.37	-	-	A	V
		19515	35.89	-38.11	74	37.43	37.71	15.75	55	-	-	P	V
		39406	52.45	-21.55	74	38.08	44.62	26.13	56.38	-	-	P	V
		39406	41.99	-12.01	54	27.62	44.62	26.13	56.38	-	-	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 7 - 6525~6875MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 1+2	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)
		10992	51.34	-22.66	74	35.1	38.71	19.19	41.66	-	-	P	H
		10992	40.36	-13.64	54	24.12	38.71	19.19	41.66	-	-	A	H
		13330	51.28	-22.72	74	33.26	39.86	21.32	43.16	100	258	P	H
		13330	43.14	-10.86	54	25.12	39.86	21.32	43.16	100	258	A	H
		17960	54.32	-19.68	74	33.99	41.52	24.25	45.44	-	-	P	H
		17960	45.6	-8.4	54	25.27	41.52	24.25	45.44	-	-	A	H
		19995	36.71	-37.29	74	37.58	37.51	16.52	54.9	-	-	P	H
		39538	52.15	-21.85	74	37.53	44.67	26.21	56.26	-	-	P	H
		39538	41.84	-12.16	54	27.22	44.67	26.21	56.26	-	-	A	H
802.11ax													H
HE160 Full													H
CH 143		12584	51.64	-22.36	74	35	39.28	20.63	43.27	-	-	P	V
6665MHz		12584	40.96	-13.04	54	24.32	39.28	20.63	43.27	-	-	A	V
		13330	50.69	-23.31	74	32.67	39.86	21.32	43.16	173	24	P	V
		13330	43.13	-10.87	54	25.11	39.86	21.32	43.16	173	24	A	V
		18000	54.5	-19.5	74	33.89	41.8	24.28	45.47	-	-	P	V
		18000	45.79	-8.21	54	25.18	41.8	24.28	45.47	-	-	A	V
		19995	36.28	-37.72	74	37.15	37.51	16.52	54.9	-	-	P	V
		39428	52.56	-21.44	74	38.13	44.64	26.15	56.36	-	-	P	V
		39428	41.64	-12.36	54	27.21	44.64	26.15	56.36	-	-	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 8 - 6875~7125MHz

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

WIFI Ant. 1+2	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)
	*	7115	88.68	-	-	75.37	36.39	15.28	38.36	385	109	P	H
	*	7115	78.43	-	-	65.12	36.39	15.28	38.36	385	109	A	H
		7125.02	72.99	-15.21	88.2	59.63	36.45	15.28	38.37	385	109	P	H
		7125.02	64.55	-3.65	68.2	51.19	36.45	15.28	38.37	385	109	A	H
802.11ax													H
HE20 Full													H
CH 233	*	7115	89.56	-	-	76.25	36.39	15.28	38.36	296	178	P	V
7115MHz	*	7115	80.71	-	-	67.4	36.39	15.28	38.36	296	178	A	V
		7125.02	71.58	-16.62	88.2	58.22	36.45	15.28	38.37	296	178	P	V
		7125.02	67.33	-0.87	68.2	53.97	36.45	15.28	38.37	296	178	A	V
													V
													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 (Harmonic @ 3m)

WIFI Ant. 1+2	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)
		12144	51.93	-22.07	74	35.68	39.2	20.16	43.11	-	-	P	H
		12144	40.42	-13.58	54	24.17	39.2	20.16	43.11	-	-	A	H
		13376	52.27	-21.73	74	34.14	39.95	21.35	43.17	-	-	P	H
		13376	42.37	-11.63	54	24.24	39.95	21.35	43.17	-	-	A	H
		14230	51.35	-36.85	88.2	33.34	40.17	21.98	44.14	-	-	P	H
		17976	55.05	-18.95	74	34.61	41.63	24.26	45.45	-	-	P	H
		17976	45.6	-8.4	54	25.16	41.63	24.26	45.45	-	-	A	H
		21345	37.03	-36.97	74	37.17	37.79	16.87	54.8	-	-	P	H
		39450	53.1	-20.9	74	38.62	44.66	26.16	56.34	-	-	P	H
		39450	41.95	-12.05	54	27.47	44.66	26.16	56.34	-	-	A	H
802.11ax													H
HE20 Full													H
CH 233		12344	51.87	-22.13	74	35.66	39.06	20.37	43.22			P	V
7115MHz		12344	40.42	-13.58	54	24.21	39.06	20.37	43.22			A	V
		13384	52.31	-21.69	74	34.15	39.97	21.36	43.17			P	V
		13384	42.39	-11.61	54	24.23	39.97	21.36	43.17			A	V
		14230	51.75	-36.45	88.2	33.74	40.17	21.98	44.14			P	V
		17936	55.12	-18.88	74	34.95	41.35	24.24	45.42			P	V
		17936	45.78	-8.22	54	25.61	41.35	24.24	45.42			A	V
		21345	37.66	-36.34	74	37.8	37.79	16.87	54.8			P	V
		39604	52.32	-21.68	74	37.66	44.62	26.24	56.2			P	V
		39604	41.83	-12.17	54	27.17	44.62	26.24	56.2			A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

<Sample 2>

Band 5 - 5925~6425MHz

WIFI 802.11a (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.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		5870.78	49.78	-38.42	88.2	39.88	34.14	13.71	37.95	400	157	P	H
		5924.26	38.33	-29.87	68.2	28.24	34.25	13.8	37.96	400	157	A	H
	*	5955	109.8	-	-	99.64	34.28	13.85	37.97	400	157	P	H
	*	5955	102.2	-	-	92.04	34.28	13.85	37.97	400	157	A	H
													H
													H
		5884.64	49.66	-38.54	88.2	39.7	34.17	13.74	37.95	251	193	P	V
		5924.96	38.97	-29.23	68.2	28.88	34.25	13.8	37.96	251	193	A	V
	*	5955	110.67	-	-	100.51	34.28	13.85	37.97	251	193	P	V
	*	5955	103.36	-	-	93.2	34.28	13.85	37.97	251	193	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

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

WIFI Ant. 1+2	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)
		5837.04	48.37	-39.83	88.2	38.58	34.07	13.66	37.94	398	236	P	H
		5827.1	38.15	-30.05	68.2	28.4	34.05	13.64	37.94	398	236	A	H
	*	5955	109.43	-	-	99.27	34.28	13.85	37.97	398	236	P	H
	*	5955	99.08	-	-	88.92	34.28	13.85	37.97	398	236	A	H
802.11ax													H
HE20 Full													H
CH 01		5924.4	49.79	-38.41	88.2	39.7	34.25	13.8	37.96	247	193	P	V
5955MHz		5924.68	38.89	-29.31	68.2	28.8	34.25	13.8	37.96	247	193	A	V
	*	5955	110.98	-	-	100.82	34.28	13.85	37.97	247	193	P	V
	*	5955	103.95	-	-	93.79	34.28	13.85	37.97	247	193	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

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

WIFI Ant. 1+2	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)
		5866.92	48.87	-39.33	88.2	38.98	34.13	13.71	37.95	400	184	P	H
		5922.36	38.98	-29.22	68.2	28.9	34.24	13.8	37.96	400	184	A	H
	*	5965	109.09	-	-	98.96	34.24	13.86	37.97	400	184	P	H
	*	5965	99.42	-	-	89.29	34.24	13.86	37.97	400	184	A	H
802.11ax													H
HE40 Full													H
CH 03		5910.84	49.23	-38.97	88.2	39.19	34.22	13.78	37.96	261	198	P	V
5965MHz		5915.34	40.78	-27.42	68.2	30.73	34.23	13.78	37.96	261	198	A	V
	*	5965	110.31	-	-	100.18	34.24	13.86	37.97	261	198	P	V
	*	5965	101.42	-	-	91.29	34.24	13.86	37.97	261	198	A	V
													V
													V

Remark

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

Band 5 5925~6425MHz

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

WIFI Ant. 1+2	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)
		5916.68	48.97	-39.23	88.2	38.91	34.23	13.79	37.96	400	187	P	H
		5923.56	39.07	-29.13	68.2	28.98	34.25	13.8	37.96	400	187	A	H
	*	5985	105.81	-	-	95.73	34.16	13.9	37.98	400	187	P	H
	*	5985	96.25	-	-	86.17	34.16	13.9	37.98	400	187	A	H
802.11ax													H
HE80 Full													H
CH 07		5921.64	50.02	-38.18	88.2	39.95	34.24	13.79	37.96	253	201	P	V
5985MHz		5920.2	40.13	-28.07	68.2	30.06	34.24	13.79	37.96	253	201	A	V
	*	5985	107.05	-	-	96.97	34.16	13.9	37.98	253	201	P	V
	*	5985	98.28	-	-	88.2	34.16	13.9	37.98	253	201	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

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

WIFI Ant. 1+2	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)
		5850.92	49.68	-38.52	88.2	39.85	34.1	13.68	37.95	400	185	P	H
		5880.36	40.74	-27.46	68.2	30.8	34.16	13.73	37.95	400	185	A	H
	*	6025	101.86	-	-	91.67	34.2	13.96	37.97	400	185	P	H
	*	6025	93.45	-	-	83.26	34.2	13.96	37.97	400	185	A	H
802.11ax													H
HE160 Full													H
CH 15		5919.08	51.39	-36.81	88.2	41.32	34.24	13.79	37.96	249	199	P	V
6025MHz		5907.56	42.29	-25.91	68.2	32.26	34.22	13.77	37.96	249	199	A	V
	*	6025	105.93	-	-	95.74	34.2	13.96	37.97	249	199	P	V
	*	6025	96.87	-	-	86.68	34.2	13.96	37.97	249	199	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 1+2	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)
		10912	51.01	-22.99	74	34.72	38.79	19.17	41.67	-	-	P	H
		10912	40.52	-13.48	54	24.23	38.79	19.17	41.67	-	-	A	H
		12050	48.89	-25.11	74	32.71	39.1	20.14	43.06	153	67	P	H
		12050	41.45	-12.55	54	25.27	39.1	20.14	43.06	153	67	A	H
		13272	51.04	-22.96	74	33.04	39.77	21.38	43.15	-	-	P	H
		13272	42.12	-11.88	54	24.12	39.77	21.38	43.15	-	-	A	H
		17992	56.24	-17.76	74	35.57	41.74	24.39	45.46	-	-	P	H
		17992	46	-8	54	25.33	41.74	24.39	45.46	-	-	A	H
		18075	36.26	-37.74	74	39.8	37.62	14.69	55.85	-	-	P	H
		39846	53.15	-20.85	74	38.22	44.5	26.38	55.95	-	-	P	H
802.11ax		39846	42.24	-11.76	54	27.31	44.5	26.38	55.95	-	-	A	H
HE160 Full													H
CH 15		12050	48.52	-25.48	74	32.34	39.1	20.14	43.06	100	173	P	V
6025MHz		12050	41.29	-12.71	54	25.11	39.1	20.14	43.06	100	173	A	V
		12696	51.21	-22.79	74	34.15	39.49	20.79	43.22	-	-	P	V
		12696	41.27	-12.73	54	24.21	39.49	20.79	43.22	-	-	A	V
		13392	51.65	-22.35	74	33.34	39.98	21.5	43.17	-	-	P	V
		13392	42.7	-11.3	54	24.39	39.98	21.5	43.17	-	-	A	V
		17992	55.61	-18.39	74	34.94	41.74	24.39	45.46	-	-	P	V
		17992	46.02	-7.98	54	25.35	41.74	24.39	45.46	-	-	A	V
		18075	35.17	-38.83	74	38.71	37.62	14.69	55.85	-	-	P	V
		39472	53.21	-20.79	74	38.68	44.68	26.17	56.32	-	-	P	V
		39472	42.2	-11.8	54	27.67	44.68	26.17	56.32	-	-	A	V
													V

WIFI Ant. 1+2	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)
		11232	50.97	-23.03	74	34.87	38.83	19.39	42.12	-	-	P	H
		11232	40.33	-13.67	54	24.23	38.83	19.39	42.12	-	-	A	H
		12370	49.28	-24.72	74	33.07	39.03	20.41	43.23	100	69	P	H
		12370	41.68	-12.32	54	25.47	39.03	20.41	43.23	100	69	A	H
		13328	51.31	-22.69	74	33.29	39.86	21.32	43.16	-	-	P	H
		13328	42.28	-11.72	54	24.26	39.86	21.32	43.16	-	-	A	H
		17992	54.89	-19.11	74	34.34	41.74	24.27	45.46	-	-	P	H
		17992	45.88	-8.12	54	25.33	41.74	24.27	45.46	-	-	A	H
		18555	35.52	-38.48	74	38.33	37.94	14.81	55.56	-	-	P	H
		39494	52.17	-21.83	74	37.59	44.7	26.18	56.3	-	-	P	H
802.11ax		39494	41.85	-12.15	54	27.27	44.7	26.18	56.3	-	-	A	H
HE160 Full													H
CH 47		11064	51.05	-22.95	74	34.88	38.7	19.26	41.79	-	-	P	V
6185MHz		11064	40.47	-13.53	54	24.3	38.7	19.26	41.79	-	-	A	V
		12370	50.35	-23.65	74	34.14	39.03	20.41	43.23	300	28	P	V
		12370	41.86	-12.14	54	25.65	39.03	20.41	43.23	300	28	A	V
		13368	51.67	-22.33	74	33.55	39.94	21.35	43.17	-	-	P	V
		13368	42.36	-11.64	54	24.24	39.94	21.35	43.17	-	-	A	V
		17984	55.36	-18.64	74	34.86	41.69	24.27	45.46	-	-	P	V
		17984	45.76	-8.24	54	25.26	41.69	24.27	45.46	-	-	A	V
		18555	36.22	-37.78	74	39.03	37.94	14.81	55.56	-	-	P	V
		39934	52.19	-21.81	74	37.14	44.5	26.42	55.87	-	-	P	V
		39934	42.58	-11.42	54	27.53	44.5	26.42	55.87	-	-	A	V
													V

WIFI Ant. 1+2	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)
		10896	50.74	-23.26	74	34.52	38.81	19.09	41.68	-	-	P	H
		10896	40.46	-13.54	54	24.24	38.81	19.09	41.68	-	-	A	H
		12690	49.48	-24.52	74	32.48	39.48	20.74	43.22	100	241	P	H
		12690	42.18	-11.82	54	25.18	39.48	20.74	43.22	100	241	A	H
		13400	51.38	-22.62	74	33.18	40	21.37	43.17	-	-	P	H
		13400	42.36	-11.64	54	24.16	40	21.37	43.17	-	-	A	H
		17936	55.03	-18.97	74	34.86	41.35	24.24	45.42	-	-	P	H
		17936	45.5	-8.5	54	25.33	41.35	24.24	45.42	-	-	A	H
		19035	35.87	-38.13	74	38.07	38.01	14.98	55.19	-	-	P	H
		39428	52.94	-21.06	74	38.51	44.64	26.15	56.36	-	-	P	H
802.11ax		39428	41.68	-12.32	54	27.25	44.64	26.15	56.36	-	-	A	H
HE160 Full													H
CH 79		11000	50.94	-23.06	74	34.7	38.7	19.2	41.66	-	-	P	V
6345MHz		11000	40.48	-13.52	54	24.24	38.7	19.2	41.66	-	-	A	V
		12690	49.95	-24.05	74	32.95	39.48	20.74	43.22	100	260	P	V
		12690	42.11	-11.89	54	25.11	39.48	20.74	43.22	100	260	A	V
		13384	51.61	-22.39	74	33.45	39.97	21.36	43.17	-	-	P	V
		13384	42.49	-11.51	54	24.33	39.97	21.36	43.17	-	-	A	V
		17952	55.02	-18.98	74	34.75	41.46	24.25	45.44	-	-	P	V
		17952	45.55	-8.45	54	25.28	41.46	24.25	45.44	-	-	A	V
		19035	36.45	-37.55	74	38.65	38.01	14.98	55.19	-	-	P	V
		39472	53.34	-20.66	74	38.81	44.68	26.17	56.32	-	-	P	V
		39472	41.6	-12.4	54	27.07	44.68	26.17	56.32	-	-	A	V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Partial 1992/68 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
		5903.4	66.97	-21.23	88.2	56.95	34.21	13.77	37.96	305	162	P	H
		5860.2	45.72	-22.48	68.2	35.85	34.12	13.7	37.95	305	162	A	H
	*	6025	100.07	-	-	89.88	34.2	13.96	37.97	305	162	P	H
802.11ax	*	6025	91.31	-	-	81.12	34.2	13.96	37.97	305	162	A	H
HE160													H
Partial													H
1992/68		5905.96	64.75	-23.45	88.2	54.73	34.21	13.77	37.96	100	222	P	V
CH 15		5900.52	44.7	-23.5	68.2	34.7	34.2	13.76	37.96	100	222	A	V
6025MHz	*	6025	100.77	-	-	90.58	34.2	13.96	37.97	100	222	P	V
	*	6025	92.19	-	-	82	34.2	13.96	37.97	100	222	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Partial 1992/68 (Harmonic @ 3m)

WIFI Ant. 1+2	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)
		12050	50.34	-23.66	74	34.24	39.1	20.06	43.06	100	229	P	H
		12050	41.19	-12.81	54	25.09	39.1	20.06	43.06	100	229	A	H
		13352	53.01	-20.99	74	34.93	39.9	21.34	43.16	-	-	P	H
		13352	42.18	-11.82	54	24.1	39.9	21.34	43.16	-	-	A	H
		15696	50.92	-23.08	74	34.87	37.7	22.98	44.63	-	-	P	H
		15696	40.49	-13.51	54	24.44	37.7	22.98	44.63	-	-	A	H
		17984	54.48	-19.52	74	33.98	41.69	24.27	45.46	-	-	P	H
		17984	45.53	-8.47	54	25.03	41.69	24.27	45.46	-	-	A	H
		18075	36.43	-37.57	74	39.97	37.62	14.69	55.85	-	-	P	H
802.11ax		39406	52.46	-21.54	74	38.09	44.62	26.13	56.38	-	-	P	H
HE160		39406	41.61	-12.39	54	27.24	44.62	26.13	56.38	-	-	A	H
Partial													H
1992/68		12050	50.33	-23.67	74	34.23	39.1	20.06	43.06	398	355	P	V
CH 15		12050	41.12	-12.88	54	25.02	39.1	20.06	43.06	398	355	A	V
6025MHz		13336	52.04	-21.96	74	34	39.87	21.33	43.16	-	-	P	V
		13336	42.15	-11.85	54	24.11	39.87	21.33	43.16	-	-	A	V
		15536	50.81	-23.19	74	34.73	37.99	22.88	44.79	-	-	P	V
		15536	40.33	-13.67	54	24.25	37.99	22.88	44.79	-	-	A	V
		17944	54.37	-19.63	74	34.15	41.41	24.24	45.43	-	-	P	V
		17944	45.47	-8.53	54	25.25	41.41	24.24	45.43	-	-	A	V
		18075	35.94	-38.06	74	39.48	37.62	14.69	55.85	-	-	P	V
		39406	52.67	-21.33	74	38.3	44.62	26.13	56.38	-	-	P	V
		39406	41.59	-12.41	54	27.22	44.62	26.13	56.38	-	-	A	V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 6 - 6425~6525MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 1+2	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)
		11104	51.15	-22.85	74	35.04	38.7	19.28	41.87	-	-	P	H
		11104	40.48	-13.52	54	24.37	38.7	19.28	41.87	-	-	A	H
		13010	50.64	-37.56	88.2	32.97	39.69	21.08	43.1	-	-	P	H
		13296	51.05	-22.95	74	33.1	39.8	21.3	43.15	-	-	P	H
		13296	42.11	-11.89	54	24.16	39.8	21.3	43.15	-	-	A	H
		17976	55.49	-18.51	74	35.05	41.63	24.26	45.45	-	-	P	H
		17976	45.75	-8.25	54	25.31	41.63	24.26	45.45	-	-	A	H
		19515	36.57	-37.43	74	38.11	37.71	15.75	55	-	-	P	H
		39494	52.9	-21.1	74	38.32	44.7	26.18	56.3	-	-	P	H
		39494	41.79	-12.21	54	27.21	44.7	26.18	56.3	-	-	A	H
802.11ax													H
HE160 Full													H
CH 111		11032	50.91	-23.09	74	34.7	38.7	19.23	41.72	-	-	P	V
6505MHz		11032	40.54	-13.46	54	24.33	38.7	19.23	41.72	-	-	A	V
		13010	49.64	-38.56	88.2	31.97	39.69	21.08	43.1	-	-	P	V
		13320	51.85	-22.15	74	33.85	39.84	21.32	43.16	-	-	P	V
		13320	42.23	-11.77	54	24.23	39.84	21.32	43.16	-	-	A	V
		17984	55.1	-18.9	74	34.6	41.69	24.27	45.46	-	-	P	V
		17984	45.91	-8.09	54	25.41	41.69	24.27	45.46	-	-	A	V
		19515	37.56	-36.44	74	39.1	37.71	15.75	55	-	-	P	V
		39142	52.1	-21.9	74	38.68	44.02	25.99	56.59	-	-	P	V
		39142	40.76	-13.24	54	27.34	44.02	25.99	56.59	-	-	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 7 - 6525~6875MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		12700	51.4	-22.6	74	34.37	39.5	20.75	43.22	-	-	P	H
		12700	41.39	-12.61	54	24.36	39.5	20.75	43.22	-	-	A	H
		13330	49.86	-24.14	74	31.84	39.86	21.32	43.16	100	58	P	H
		13330	42.91	-11.09	54	24.89	39.86	21.32	43.16	100	58	A	H
		17968	56.54	-17.46	74	36.15	41.58	24.26	45.45	-	-	P	H
		17968	45.64	-8.36	54	25.25	41.58	24.26	45.45	-	-	A	H
		19995	37.73	-36.27	74	38.6	37.51	16.52	54.9	-	-	P	H
		39472	52.36	-21.64	74	37.83	44.68	26.17	56.32	-	-	P	H
		39472	41.75	-12.25	54	27.22	44.68	26.17	56.32	-	-	A	H
													H
802.11ax													H
HE160 Full													H
CH 143		12672	50.88	-23.12	74	33.94	39.44	20.73	43.23	-	-	P	V
6665MHz		12672	41.15	-12.85	54	24.21	39.44	20.73	43.23	-	-	A	V
		13330	49.98	-24.02	74	31.96	39.86	21.32	43.16	100	311	P	V
		13330	43.13	-10.87	54	25.11	39.86	21.32	43.16	100	311	A	V
		17992	55.71	-18.29	74	35.16	41.74	24.27	45.46	-	-	P	V
		17992	45.77	-8.23	54	25.22	41.74	24.27	45.46	-	-	A	V
		19995	36.48	-37.52	74	37.35	37.51	16.52	54.9	-	-	P	V
		39758	52.45	-21.55	74	37.66	44.5	26.33	56.04	-	-	P	V
		39758	42	-12	54	27.21	44.5	26.33	56.04	-	-	A	V
													V
													V
													V

WIFI Ant. 1+2	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)
		11016	52.4	-21.6	74	36.18	38.7	19.21	41.69	-	-	P	H
		11016	40.49	-13.51	54	24.27	38.7	19.21	41.69	-	-	A	H
		13400	51.27	-22.73	74	33.07	40	21.37	43.17	-	-	P	H
		13400	42.52	-11.48	54	24.32	40	21.37	43.17	-	-	A	H
		13650	51.63	-36.57	88.2	33.53	40	21.56	43.46	-	-	P	H
		17928	55.07	-18.93	74	34.96	41.3	24.23	45.42	-	-	P	H
		17928	45.32	-8.68	54	25.21	41.3	24.23	45.42	-	-	A	H
		20475	36.52	-37.48	74	36.74	37.98	16.7	54.9	-	-	P	H
		39384	52.97	-21.03	74	38.63	44.61	26.12	56.39	-	-	P	H
		39384	41.45	-12.55	54	27.11	44.61	26.12	56.39	-	-	A	H
802.11ax													H
HE160 Full													H
CH 175		12472	51.42	-22.58	74	35.05	39.14	20.51	43.28	-	-	P	V
6825MHz		12472	40.64	-13.36	54	24.27	39.14	20.51	43.28	-	-	A	V
		13255	51.85	-22.15	74	33.98	39.76	21.26	43.15	-	-	P	V
		13255	42.14	-11.86	54	24.27	39.76	21.26	43.15	-	-	A	V
		13650	52.54	-35.66	88.2	34.44	40	21.56	43.46	-	-	P	V
		17976	54.57	-19.43	74	34.13	41.63	24.26	45.45	-	-	P	V
		17976	45.76	-8.24	54	25.32	41.63	24.26	45.45	-	-	A	V
		20475	37.61	-36.39	74	37.83	37.98	16.7	54.9	-	-	P	V
		39406	52.44	-21.56	74	38.07	44.62	26.13	56.38	-	-	P	V
		39406	41.51	-12.49	54	27.14	44.62	26.13	56.38	-	-	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 8 - 6875~7125MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	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 CH 233 7115MHz	*	7115	103.59	-	-	90.28	36.39	15.28	38.36	397	159	P	H
	*	7115	96.37	-	-	83.06	36.39	15.28	38.36	397	159	A	H
		7125.02	76.53	-11.67	88.2	63.17	36.45	15.28	38.37	397	159	P	H
		7125.02	63.43	-4.77	68.2	50.07	36.45	15.28	38.37	397	159	A	H
													H
													H
	*	7115	107.92	-	-	94.61	36.39	15.28	38.36	223	199	P	V
	*	7115	99.98	-	-	86.67	36.39	15.28	38.36	223	199	A	V
		7125.02	80.19	-8.01	88.2	66.83	36.45	15.28	38.37	223	199	P	V
		7125.02	67.4	-0.8	68.2	54.04	36.45	15.28	38.37	223	199	A	V
													V
													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 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
		7115	83.68	-4.52	88.2	70.37	36.39	15.28	38.36	395	166	P	H
	*	7115	74.47	-	-	61.16	36.39	15.28	38.36	395	166	A	H
		7125.02	66.73	-21.47	88.2	53.37	36.45	15.28	38.37	395	166	P	H
		7125.02	61.44	-6.76	68.2	48.08	36.45	15.28	38.37	395	166	A	H
802.11ax													H
HE20 Full													H
CH 233	*	7115	90.68	-	-	77.37	36.39	15.28	38.36	198	203	P	V
7115MHz	*	7115	80.65	-	-	67.34	36.39	15.28	38.36	198	203	A	V
		7125.02	74.07	-14.13	88.2	60.71	36.45	15.28	38.37	198	203	P	V
		7125.02	67.5	-0.7	68.2	54.14	36.45	15.28	38.37	198	203	A	V
													V
													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 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
	*	7085	106.4	-	-	93.24	36.24	15.26	38.34	390	156	P	H
	*	7085	97.03	-	-	83.87	36.24	15.26	38.34	390	156	A	H
		7126.74	54.39	-33.81	88.2	41.02	36.46	15.28	38.37	390	156	P	H
		7126.74	45	-23.2	68.2	31.63	36.46	15.28	38.37	390	156	A	H
802.11ax													H
HE40 Full													H
CH 227	*	7085	112.31	-	-	99.15	36.24	15.26	38.34	202	203	P	V
7085MHz	*	7085	101.48	-	-	88.32	36.24	15.26	38.34	202	203	A	V
		7132.68	58.17	-30.03	88.2	44.76	36.5	15.29	38.38	202	203	P	V
		7125	48.32	-19.88	68.2	34.96	36.45	15.28	38.37	202	203	A	V
													V
													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 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
	*	7025	102.27	-	-	89.38	35.95	15.23	38.29	376	159	P	H
	*	7025	93.56	-	-	80.67	35.95	15.23	38.29	376	159	A	H
		7168.3	52.82	-35.38	88.2	39.26	36.67	15.3	38.41	376	159	P	H
		7243.44	41.82	-26.38	68.2	27.95	36.97	15.37	38.47	376	159	A	H
802.11ax													H
HE80 Full													H
CH 215	*	7025	107.15	-	-	94.26	35.95	15.23	38.29	219	200	P	V
7025MHz	*	7025	98.01	-	-	85.12	35.95	15.23	38.29	219	200	A	V
		7149.06	52.57	-35.63	88.2	39.08	36.59	15.29	38.39	219	200	P	V
		7131.64	42.83	-25.37	68.2	29.43	36.49	15.29	38.38	219	200	A	V
													V
													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 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
	*	6985	100.22	-	-	87.47	35.8	15.2	38.25	400	154	P	H
	*	6985	91.56	-	-	78.81	35.8	15.2	38.25	400	154	A	H
		7128.04	53.97	-34.23	88.2	40.59	36.47	15.28	38.37	400	154	P	H
		7137.32	45.05	-23.15	68.2	31.62	36.52	15.29	38.38	400	154	A	H
802.11ax													H
HE160 Full													H
CH 207	*	6985	106.3	-	-	93.55	35.8	15.2	38.25	233	196	P	V
6985MHz	*	6985	96.59	-	-	83.84	35.8	15.2	38.25	233	196	A	V
		7138.6	55.35	-32.85	88.2	41.91	36.53	15.29	38.38	233	196	P	V
		7130.28	46.58	-21.62	68.2	33.19	36.48	15.29	38.38	233	196	A	V
													V
													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. 1+2	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)
		11008	50.98	-23.02	74	34.75	38.7	19.21	41.68	-	-	P	H
		11008	40.46	-13.54	54	24.23	38.7	19.21	41.68	-	-	A	H
		13288	51.71	-22.29	74	33.78	39.79	21.29	43.15	-	-	P	H
		13288	42.26	-11.74	54	24.33	39.79	21.29	43.15	-	-	A	H
		13970	53.05	-35.15	88.2	35.08	40.21	21.81	44.05	-	-	P	H
		17984	55.85	-18.15	74	35.35	41.69	24.27	45.46	-	-	P	H
		17984	45.61	-8.39	54	25.11	41.69	24.27	45.46	-	-	A	H
		20955	37.18	-36.82	74	37.17	37.96	16.86	54.81	-	-	P	H
		39450	52.31	-21.69	74	37.83	44.66	26.16	56.34	-	-	P	H
		39450	42	-12	54	27.52	44.66	26.16	56.34	-	-	A	H
802.11ax													H
HE160 Full													H
CH 207		11584	50.7	-23.3	74	35.02	38.73	19.67	42.72	-	-	P	V
6985MHz		11584	39.89	-14.11	54	24.21	38.73	19.67	42.72	-	-	A	V
		13288	51.35	-22.65	74	33.42	39.79	21.29	43.15	-	-	P	V
		13288	42.16	-11.84	54	24.23	39.79	21.29	43.15	-	-	A	V
		13970	52.54	-35.66	88.2	34.57	40.21	21.81	44.05	-	-	P	V
		17984	55.57	-18.43	74	35.07	41.69	24.27	45.46	-	-	P	V
		17984	45.73	-8.27	54	25.23	41.69	24.27	45.46	-	-	A	V
		20955	38.01	-35.99	74	38	37.96	16.86	54.81	-	-	P	V
		39494	52.4	-21.6	74	37.82	44.7	26.18	56.3	-	-	P	V
		39494	41.95	-12.05	54	27.37	44.7	26.18	56.3	-	-	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Partial 1992/68 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
	*	6985	96.5	-	-	83.75	35.8	15.2	38.25	400	161	P	H
	*	6985	88.75	-	-	76	35.8	15.2	38.25	400	161	A	H
		7126.76	62.65	-25.55	88.2	49.28	36.46	15.28	38.37	400	161	P	H
802.11ax		7130.28	45.97	-22.23	68.2	32.58	36.48	15.29	38.38	400	161	A	H
HE160													H
Partial													H
1992/68	*	6985	103.33	-	-	90.58	35.8	15.2	38.25	200	197	P	V
CH 207	*	6985	95.17	-	-	82.42	35.8	15.2	38.25	200	197	A	V
6985MHz		7133.8	69.06	-19.14	88.2	55.65	36.5	15.29	38.38	200	197	P	V
		7129	49.1	-19.1	68.2	35.73	36.47	15.28	38.38	200	197	A	V
													V
													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 Partial 1992/68 (Harmonic @ 3m)

WIFI Ant. 1+2	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)
		12048	51.88	-22.12	74	35.78	39.1	20.06	43.06	-	-	P	H
		12048	41.84	-12.16	54	25.74	39.1	20.06	43.06	-	-	A	H
		13970	51.57	-36.63	88.2	33.6	40.21	21.81	44.05	-	-	P	H
		15912	51.3	-22.7	74	35.16	37.42	23.14	44.42	-	-	P	H
		15912	41.36	-12.64	54	25.22	37.42	23.14	44.42	-	-	A	H
		17992	54.93	-19.07	74	34.38	41.74	24.27	45.46	-	-	P	H
		17992	45.59	-8.41	54	25.04	41.74	24.27	45.46	-	-	A	H
		20955	36.64	-37.36	74	36.63	37.96	16.86	54.81	-	-	P	H
		39472	53.07	-20.93	74	38.54	44.68	26.17	56.32	-	-	P	H
802.11ax		39472	41.85	-12.15	54	27.32	44.68	26.17	56.32	-	-	A	H
HE160													H
Partial													H
1992/68		11544	51.4	-22.6	74	35.64	38.81	19.64	42.69	-	-	P	V
CH 207		11544	41.18	-12.82	54	25.42	38.81	19.64	42.69	-	-	A	V
6985MHz		13970	51.11	-37.09	88.2	33.14	40.21	21.81	44.05	-	-	P	V
		15400	52.1	-21.9	74	35.67	38.5	22.78	44.85	-	-	P	V
		15400	42.03	-11.97	54	25.6	38.5	22.78	44.85	-	-	A	V
		17984	55.22	-18.78	74	34.72	41.69	24.27	45.46	-	-	P	V
		17984	45.5	-8.5	54	25	41.69	24.27	45.46	-	-	A	V
		20955	36.97	-37.03	74	36.96	37.96	16.86	54.81	-	-	P	V
		39406	53.16	-20.84	74	38.79	44.62	26.13	56.38	-	-	P	V
		39406	41.84	-12.16	54	27.47	44.62	26.13	56.38	-	-	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full LF		143.49	16.7	-26.8	43.5	32.32	17.45	2.42	35.49	-	-	P	H
		264.74	20.69	-25.31	46	32.62	20.18	3.14	35.25	-	-	P	H
		648.86	29.5	-16.5	46	32.73	26.12	4.81	34.16	-	-	P	H
		764.29	32.24	-13.76	46	33	27.72	5.25	33.73	-	-	P	H
		869.05	33.67	-12.33	46	32.42	28.77	5.73	33.25	-	-	P	H
		952.47	34.45	-11.55	46	30.92	30.51	5.99	32.97	-	-	P	H
													H
													H
													H
													H
													H
													H
		139.61	16.03	-27.47	43.5	31.56	17.57	2.4	35.5			P	V
		260.86	20.94	-25.06	46	32.96	20.12	3.12	35.26			P	V
		627.52	29.78	-16.22	46	33.33	25.95	4.75	34.25			P	V
		729.37	39.18	-6.82	46	40.65	27.26	5.09	33.82			P	V
		893.3	33.25	-12.75	46	31.87	28.68	5.85	33.15			P	V
		952.47	35.67	-10.33	46	32.14	30.51	5.99	32.97			P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **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.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz		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

Test Engineer :	Bill Chang, JC Liang, Karl Hou and Wilson Wu	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

Remark: For Radiated Spurious Emission Test Items, Ant. 1 means Chain 1 (Aux.) and Ant. 2 means Chain 2 (Main).

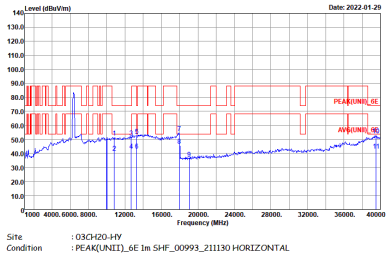
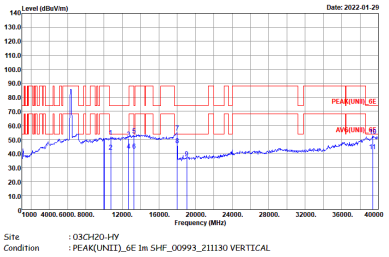
Note symbol

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

<Sample 1>

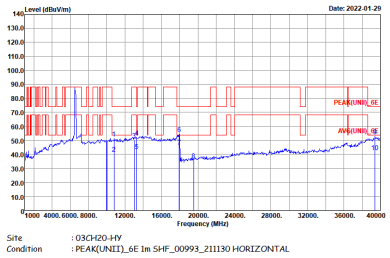
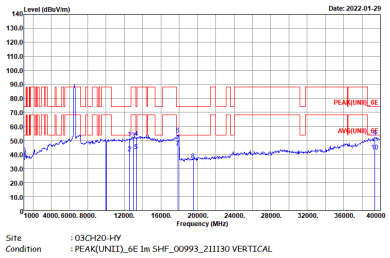
Band 5 - 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
1+2	Horizontal	Vertical
Peak Avg.		

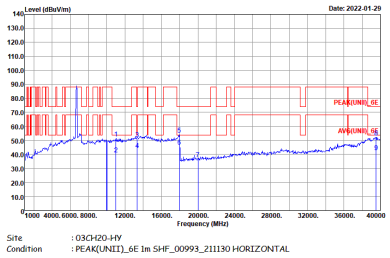
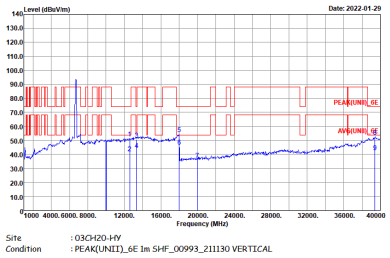
Band 6 - 6425~6525MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH111 6505MHz	
1+2	Horizontal	Vertical
Peak Avg.		

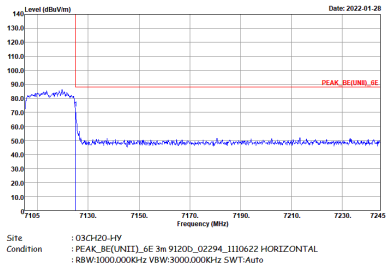
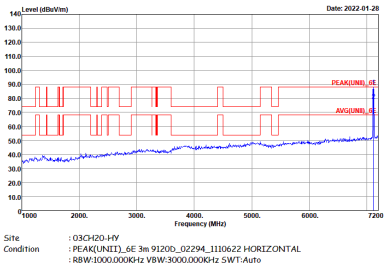
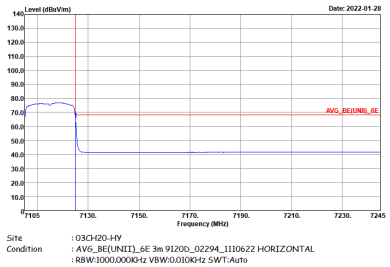
Band 7 - 6525~6875MHz

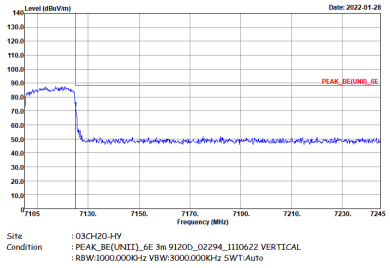
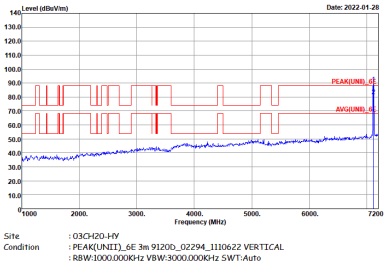
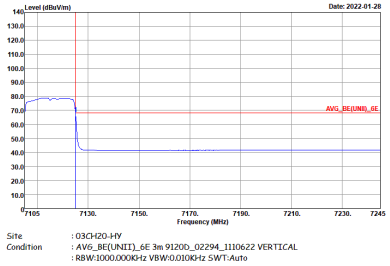
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH143 6665MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

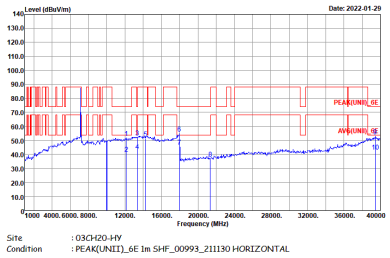
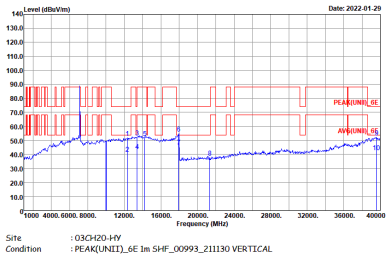
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH233 7115MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH233 7115MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 8 - 6875~7125MHz

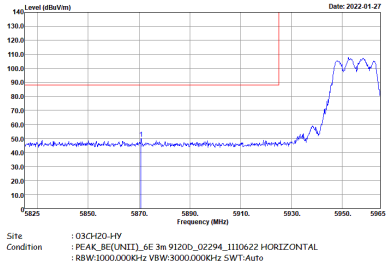
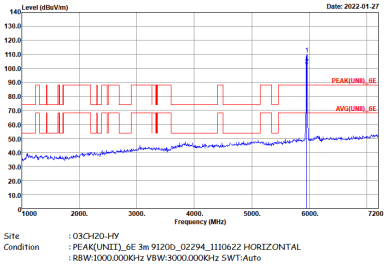
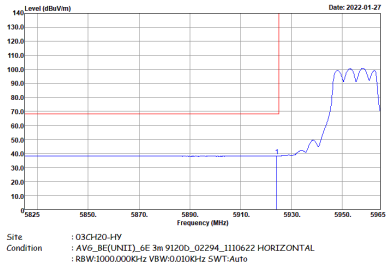
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

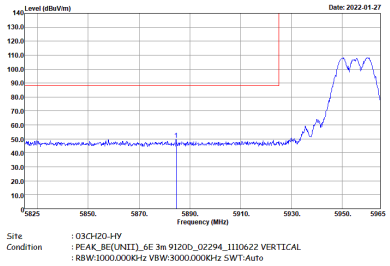
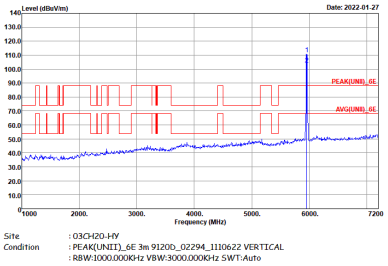
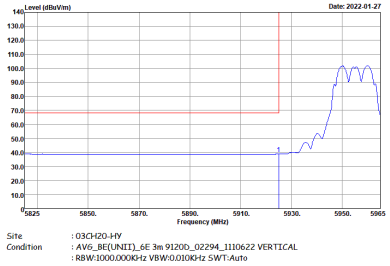
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH233 7115MHz	
1+2	Horizontal	Vertical
Peak Avg.		

<Sample 2>

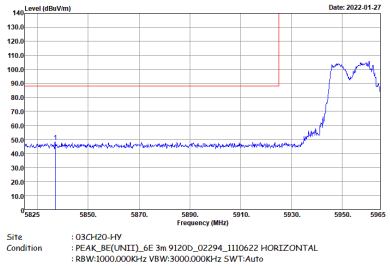
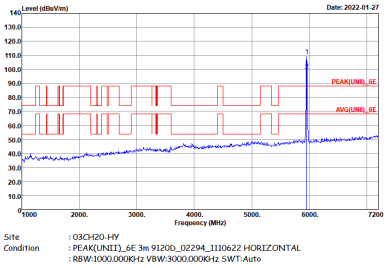
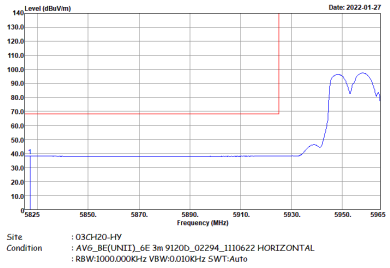
Band 5 - 5925~6425MHz

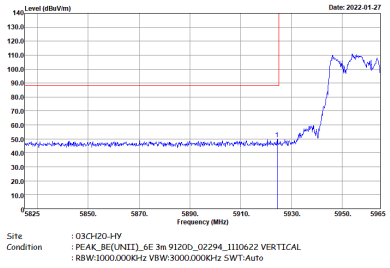
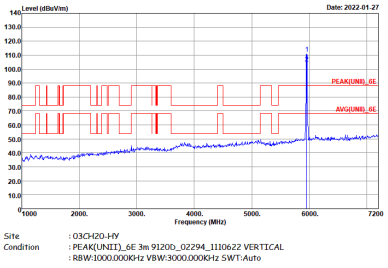
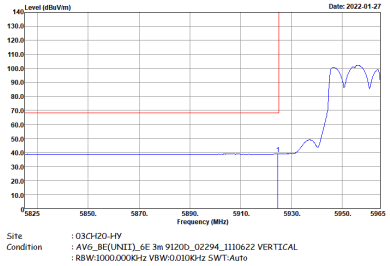
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

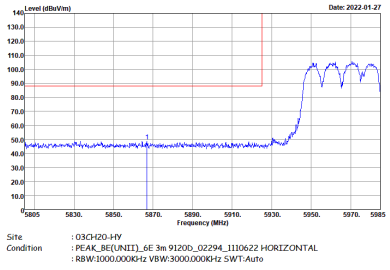
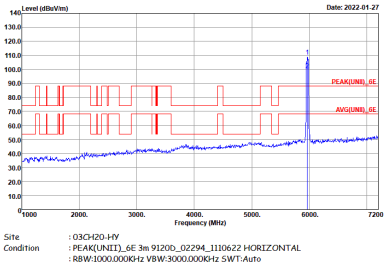
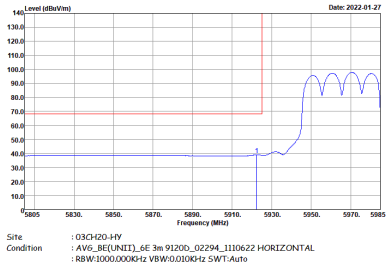
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

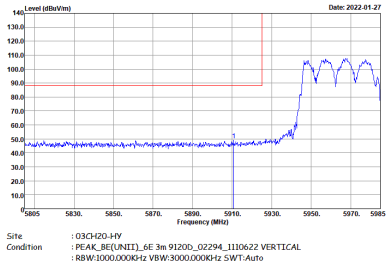
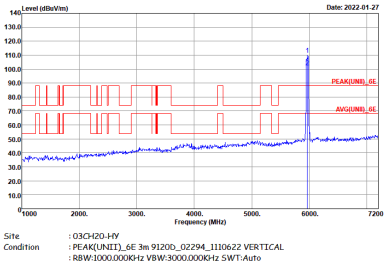
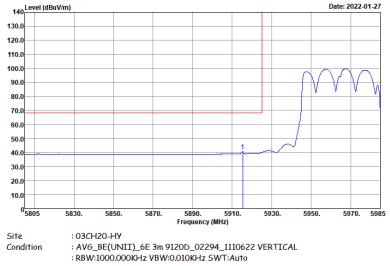
Band 5 5925~6425MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

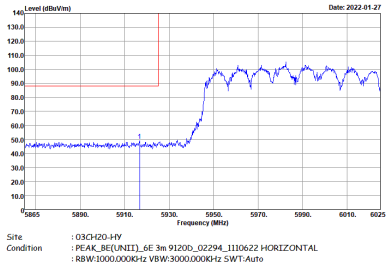
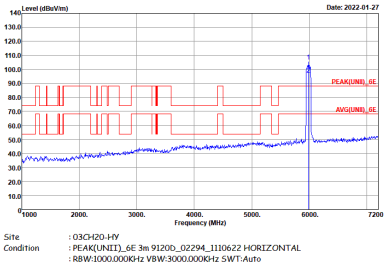
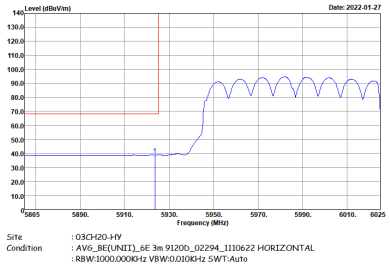
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

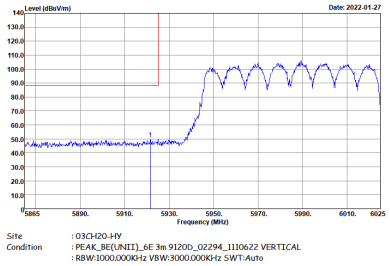
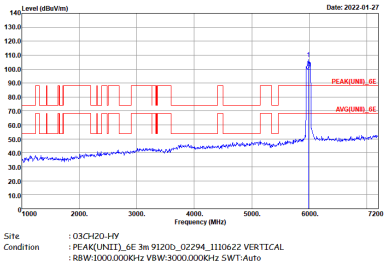
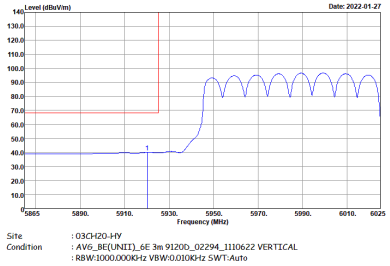
Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

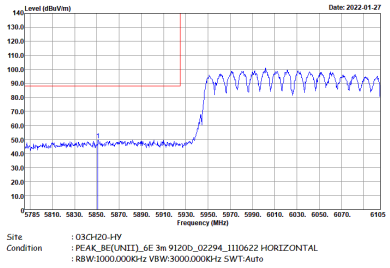
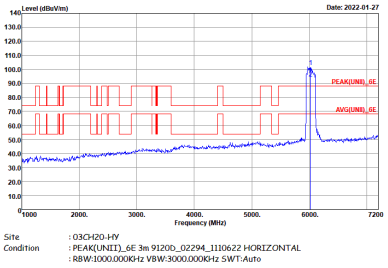
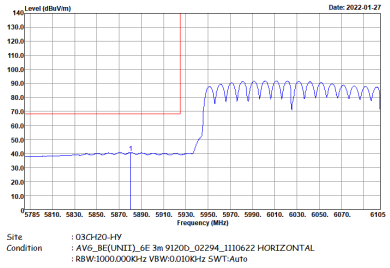
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

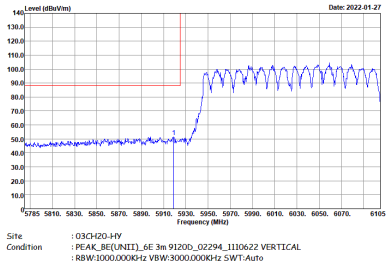
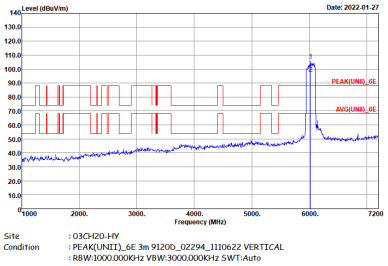
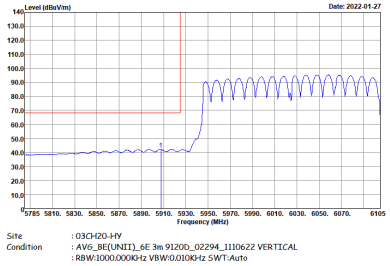
Band 5 5925~6425MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

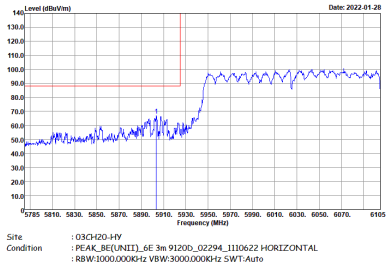
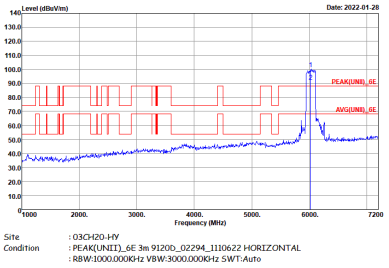
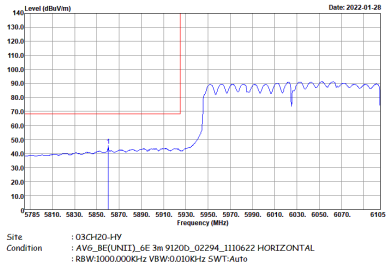
Band 5 5925~6425MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

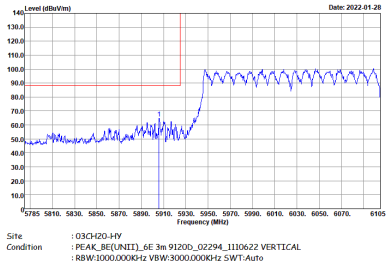
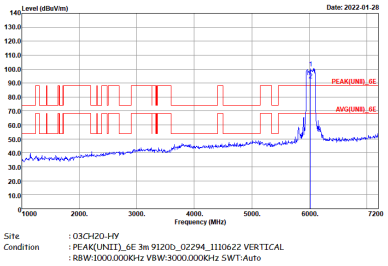
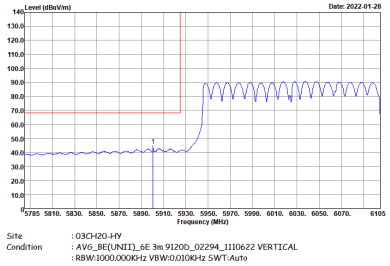
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 5 5925~6425MHz

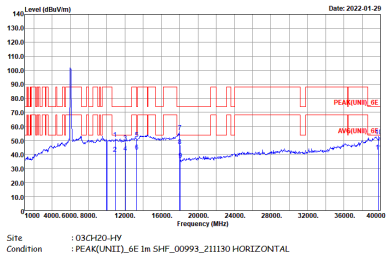
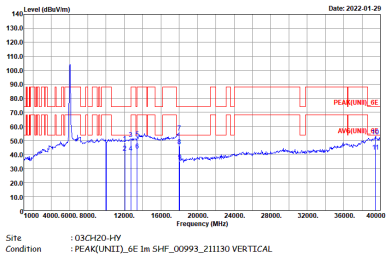
WIFI 802.11ax HE160 Partial 1992 (Band Edge @ 3m)

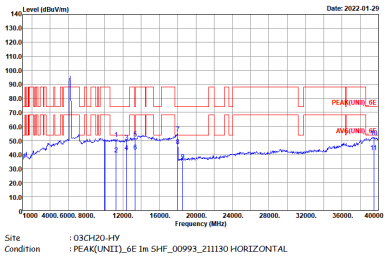
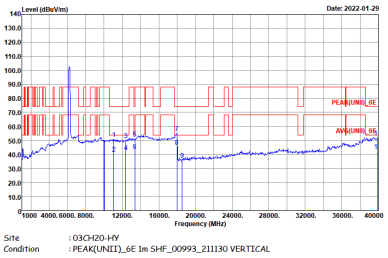
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 1992/68 CH015 6025MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

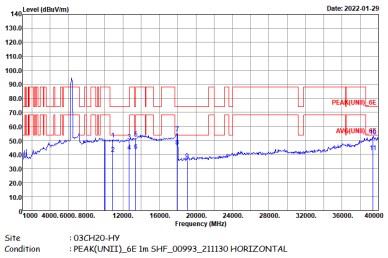
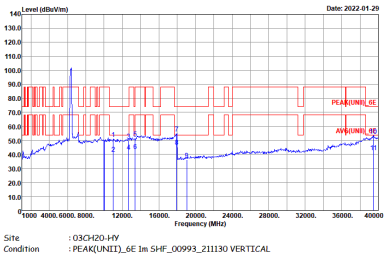
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 1992/68 CH015 6025MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 5 - 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

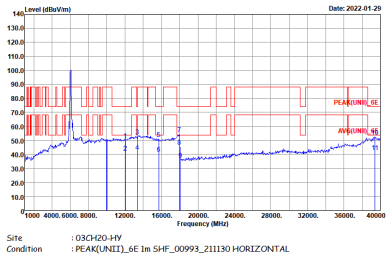
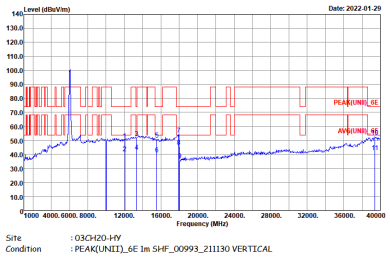
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
1+2	Horizontal	Vertical
Peak Avg.		

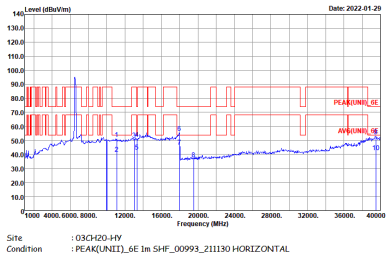
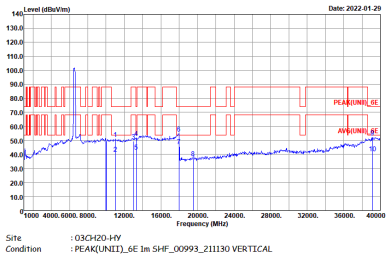
Band 5 - 5925~6425MHz

WIFI 802.11ax HE160 Partial 1992 (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Partial 1992/68 CH15 6025MHz	
1+2	Horizontal	Vertical
Peak Avg.		

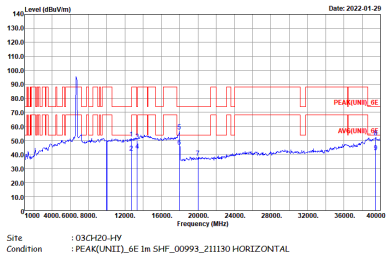
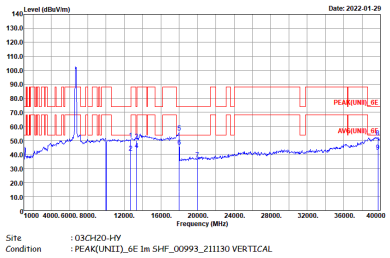
Band 6 - 6425~6525MHz

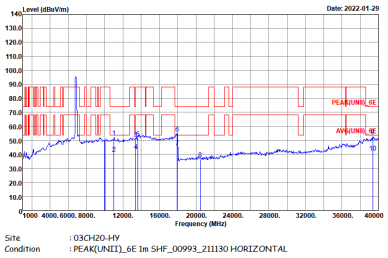
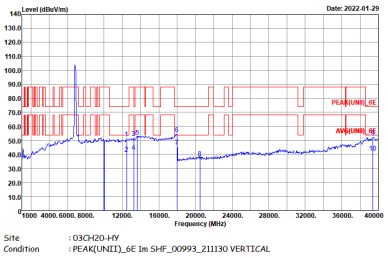
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH111 6505MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 7 - 6525~6875MHz

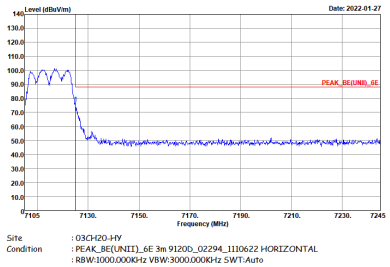
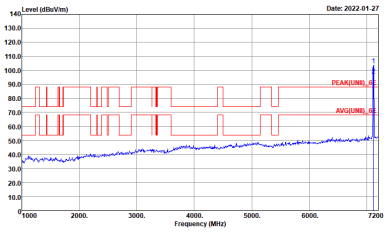
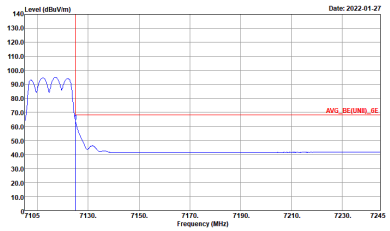
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

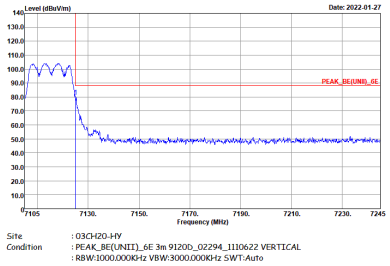
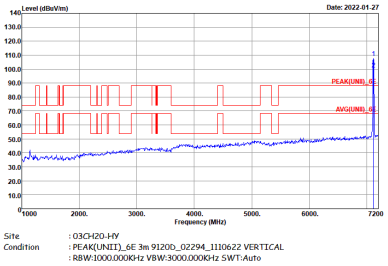
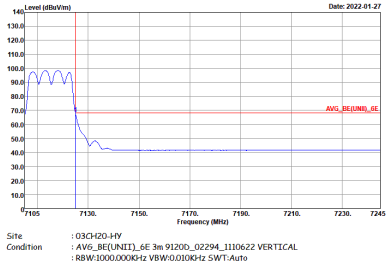
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH143 6665MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH175 6825MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

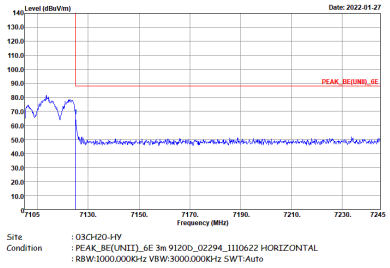
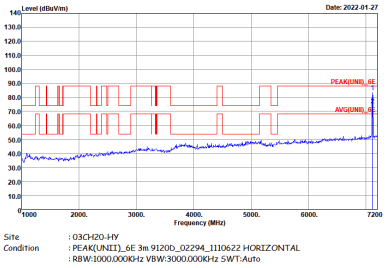
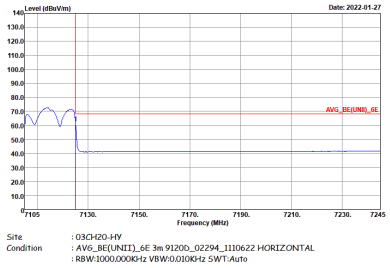
WIFI 802.11a (Band Edge @ 3m)

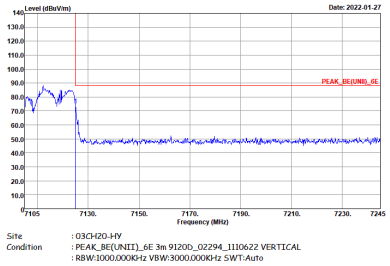
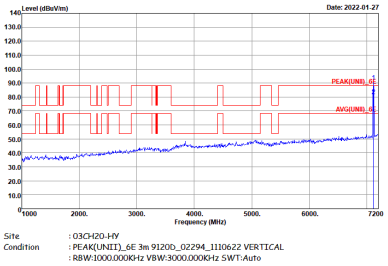
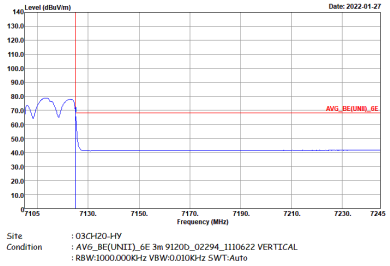
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11a CH233 7115MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11a CH233 7115MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 8 - 6875~7125MHz

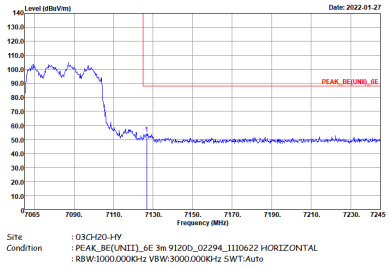
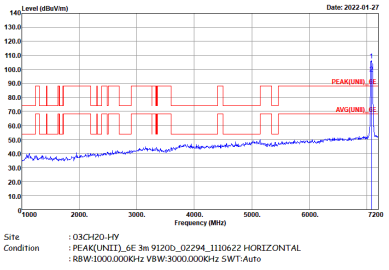
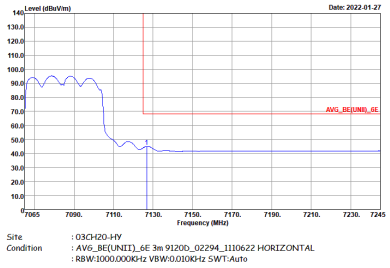
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH233 7115MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH233 7115MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 8 - 6875~7125MHz

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

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank