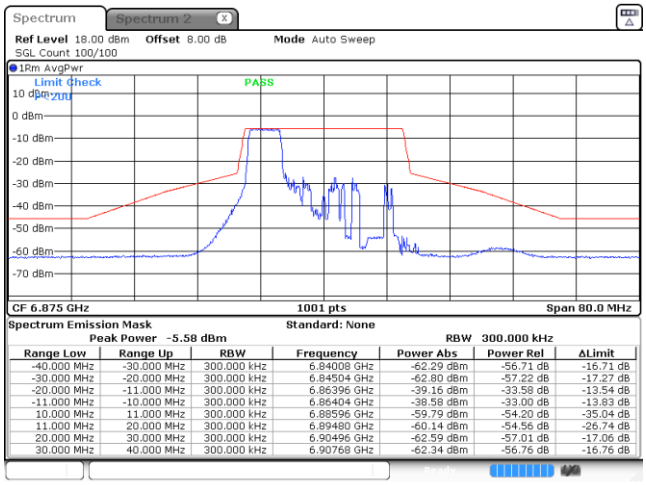
Plot on Channel 6875MHz 52RU37



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.84008 GHz	-62.29 dBm	-56.71 dB	-16.71 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.84504 GHz	-62.80 dBm	-57.22 dB	-17.27 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.86396 GHz	-39.16 dBm	-33.58 dB	-13.54 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.86404 GHz	-38.58 dBm	-33.00 dB	-13.83 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.88596 GHz	-59.79 dBm	-54.20 dB	-35.04 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.89480 GHz	-60.14 dBm	-54.56 dB	-26.74 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.90496 GHz	-62.59 dBm	-57.01 dB	-17.06 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.90768 GHz	-62.34 dBm	-56.76 dB	-16.76 dB

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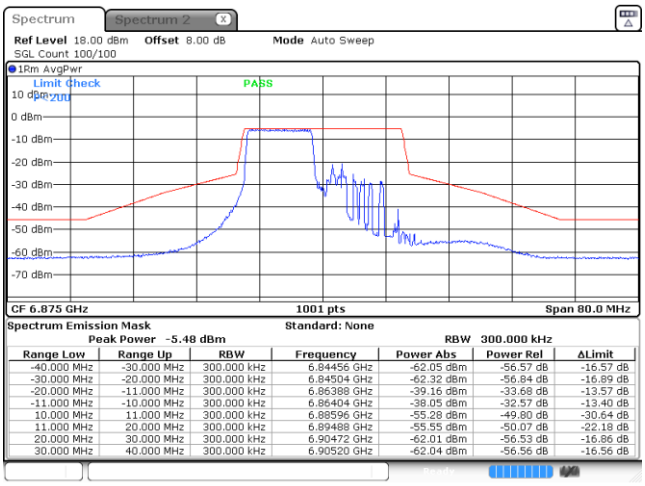
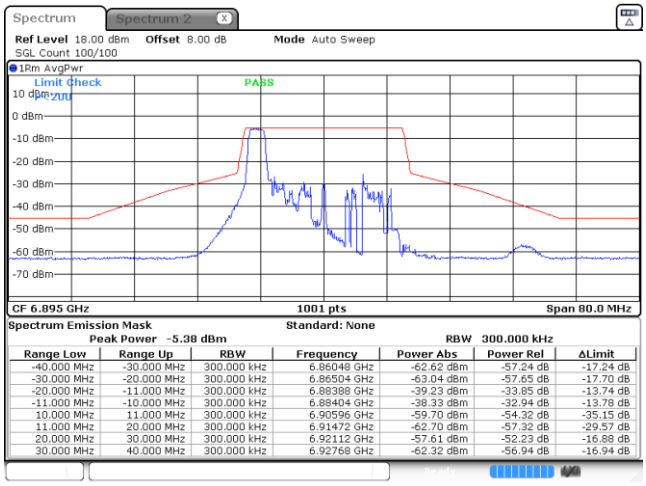
Plot on Channel 6875MHz 106RU53



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.84456 GHz	-62.05 dBm	-56.57 dB	-16.57 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.84504 GHz	-62.32 dBm	-56.84 dB	-16.89 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.86388 GHz	-39.16 dBm	-33.68 dB	-13.57 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.86404 GHz	-38.05 dBm	-32.57 dB	-13.40 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.88596 GHz	-55.28 dBm	-49.80 dB	-30.64 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.89488 GHz	-55.55 dBm	-50.07 dB	-22.18 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.90472 GHz	-62.01 dBm	-56.53 dB	-16.86 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.90520 GHz	-62.04 dBm	-56.56 dB	-16.56 dB

Date: 17.FEB.2022 10:13:51

Plot on Channel 6895MHz 26RU0



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.86048 GHz	-62.62 dBm	-57.24 dB	-17.24 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.86504 GHz	-63.04 dBm	-57.65 dB	-17.70 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.88388 GHz	-39.23 dBm	-33.85 dB	-13.74 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.88404 GHz	-38.33 dBm	-32.94 dB	-13.78 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.90596 GHz	-59.70 dBm	-54.32 dB	-35.15 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.91472 GHz	-62.70 dBm	-57.32 dB	-29.57 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.92112 GHz	-57.61 dBm	-52.23 dB	-16.88 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.92768 GHz	-62.32 dBm	-56.94 dB	-16.94 dB

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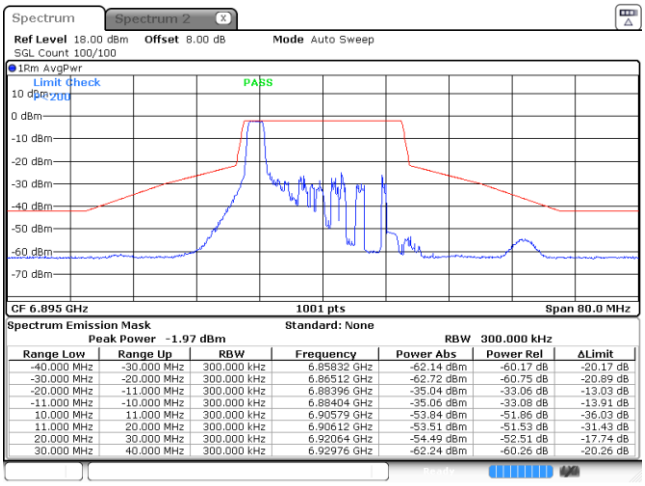
Plot on Channel 6895MHz 52RU37



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.85832 GHz	-62.14 dBm	-60.17 dB	-20.17 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.86512 GHz	-62.72 dBm	-60.75 dB	-20.89 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.88396 GHz	-35.04 dBm	-33.06 dB	-13.03 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.88404 GHz	-35.06 dBm	-33.08 dB	-13.91 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.90579 GHz	-53.84 dBm	-51.86 dB	-36.03 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.90612 GHz	-53.51 dBm	-51.53 dB	-31.43 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.92064 GHz	-54.49 dBm	-52.51 dB	-17.74 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.92976 GHz	-62.24 dBm	-60.26 dB	-20.26 dB

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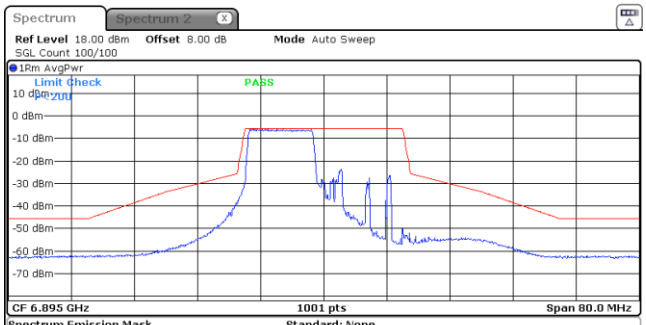
Plot on Channel 6895MHz 106RU53

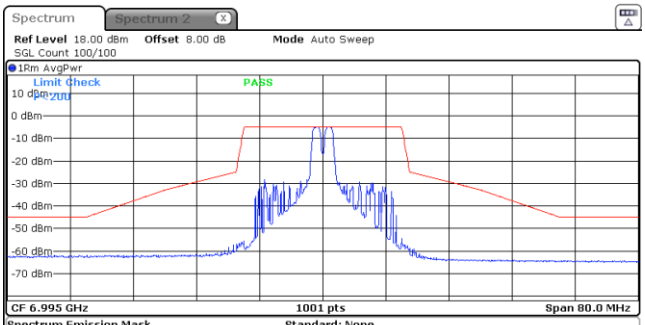


Spectrum Emission Mask Standard: None
Peak Power -5.71 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.86168 GHz	-62.05 dBm	-56.34 dB	-16.34 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.86520 GHz	-62.12 dBm	-56.41 dB	-16.65 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.88388 GHz	-38.52 dBm	-32.81 dB	-12.70 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.88404 GHz	-37.98 dBm	-32.27 dB	-13.10 dB
10.000 MHz	11.000 MHz	300.000 kHz	6.90596 GHz	-54.32 dBm	-48.61 dB	-29.44 dB
11.000 MHz	20.000 MHz	300.000 kHz	6.91480 GHz	-54.85 dBm	-49.14 dB	-21.31 dB
20.000 MHz	30.000 MHz	300.000 kHz	6.92496 GHz	-62.08 dBm	-56.37 dB	-16.42 dB
30.000 MHz	40.000 MHz	300.000 kHz	6.92928 GHz	-62.14 dBm	-56.43 dB	-16.43 dB

Date: 17.FEB.2022 10:23:30

Plot on Channel 6995MHz 26RU4



Spectrum Emission Mask Standard: None
Peak Power -4.90 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.96104 GHz	-61.92 dBm	-57.02 dB	-17.02 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.96520 GHz	-61.94 dBm	-57.04 dB	-17.28 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.97504 GHz	-62.24 dBm	-57.34 dB	-29.37 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.98404 GHz	-56.90 dBm	-52.00 dB	-32.84 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.00596 GHz	-59.35 dBm	-54.45 dB	-35.28 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.01496 GHz	-63.84 dBm	-58.94 dB	-30.98 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.02496 GHz	-64.54 dBm	-59.64 dB	-19.69 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.02992 GHz	-64.27 dBm	-59.37 dB	-19.37 dB

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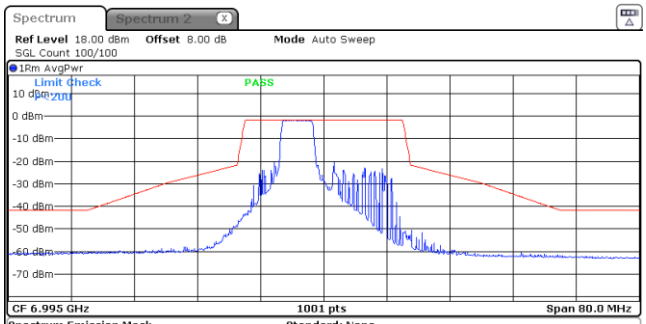
Plot on Channel 6995MHz 52RU38

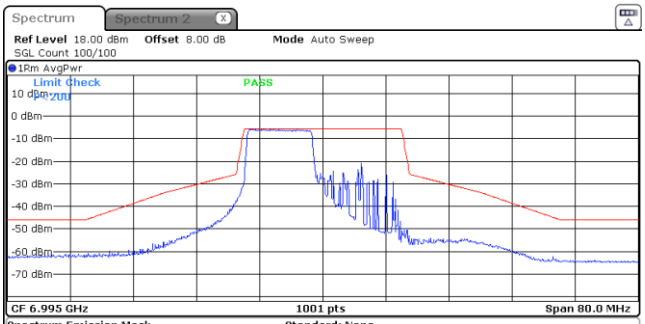


Spectrum Emission Mask Standard: None
Peak Power -1.77 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.96200 GHz	-60.15 dBm	-58.38 dB	-18.38 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.96512 GHz	-60.48 dBm	-58.72 dB	-18.86 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.98356 GHz	-48.82 dBm	-47.05 dB	-26.65 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.98413 GHz	-46.35 dBm	-44.58 dB	-27.08 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.00596 GHz	-52.68 dBm	-50.91 dB	-31.75 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.00741 GHz	-51.65 dBm	-49.88 dB	-28.63 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.02464 GHz	-61.52 dBm	-59.75 dB	-20.18 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.02520 GHz	-61.86 dBm	-60.09 dB	-20.09 dB

Date: 17.FEB.2022 10:29:59

Plot on Channel 6995MHz 106RU53



Spectrum Emission Mask Standard: None
Peak Power -5.85 dBm RBW 300.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	6.96408 GHz	-61.18 dBm	-55.34 dB	-15.34 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	6.96528 GHz	-60.91 dBm	-55.06 dB	-15.40 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	6.98396 GHz	-37.65 dBm	-31.80 dB	-11.77 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	6.98404 GHz	-37.72 dBm	-31.87 dB	-12.70 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.00596 GHz	-52.95 dBm	-47.10 dB	-27.94 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.01327 GHz	-54.41 dBm	-48.57 dB	-22.10 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.02416 GHz	-62.32 dBm	-56.47 dB	-17.48 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.02584 GHz	-63.87 dBm	-58.02 dB	-18.02 dB

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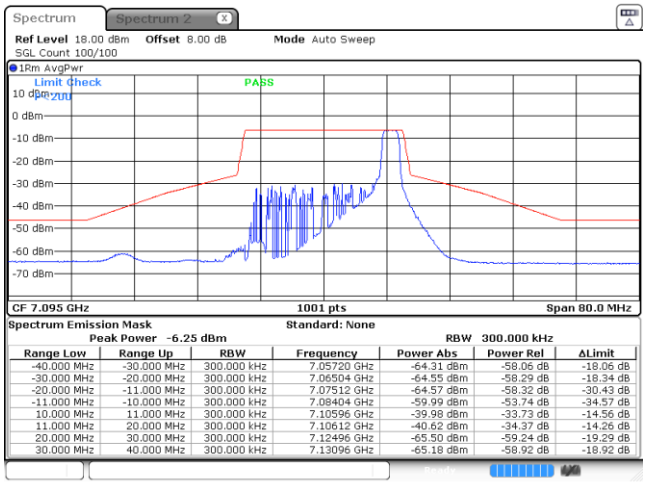
Plot on Channel 7095MHz 26RU8



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	7.05720 GHz	-64.31 dBm	-58.06 dB	-18.06 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.06504 GHz	-64.55 dBm	-58.29 dB	-18.34 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.07512 GHz	-64.57 dBm	-58.32 dB	-30.43 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.08404 GHz	-59.99 dBm	-53.74 dB	-34.57 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.10596 GHz	-39.98 dBm	-33.73 dB	-14.56 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.10612 GHz	-40.62 dBm	-34.37 dB	-14.26 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.12496 GHz	-65.50 dBm	-59.24 dB	-19.29 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.13096 GHz	-65.18 dBm	-58.92 dB	-18.92 dB

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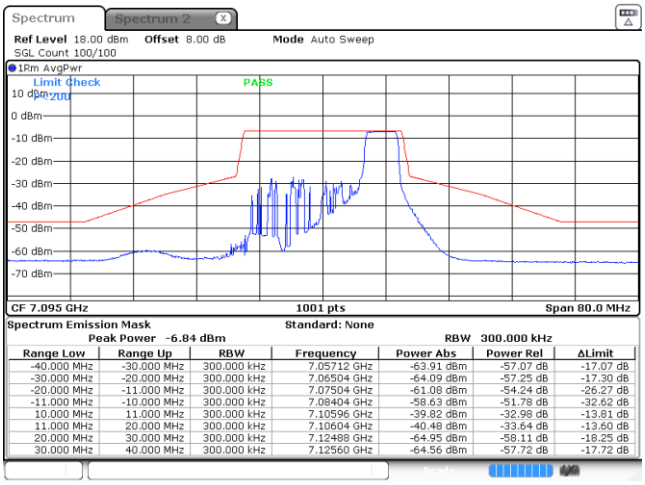
Plot on Channel 7095MHz 52RU40



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	7.05712 GHz	-63.91 dBm	-57.07 dB	-17.07 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.06504 GHz	-64.09 dBm	-57.25 dB	-17.30 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.07504 GHz	-61.08 dBm	-54.24 dB	-26.27 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.08404 GHz	-58.63 dBm	-51.78 dB	-32.62 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.10596 GHz	-39.82 dBm	-32.98 dB	-13.81 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.10604 GHz	-40.48 dBm	-33.64 dB	-13.60 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.12488 GHz	-64.95 dBm	-58.11 dB	-18.25 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.12560 GHz	-64.56 dBm	-57.72 dB	-17.72 dB

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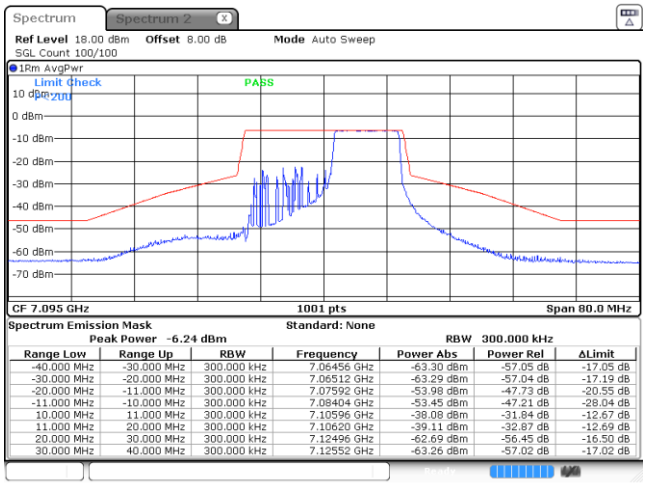
Plot on Channel 7095MHz 106RU54



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-40.000 MHz	-30.000 MHz	300.000 kHz	7.06456 GHz	-63.30 dBm	-57.05 dB	-17.05 dB
-30.000 MHz	-20.000 MHz	300.000 kHz	7.06512 GHz	-63.29 dBm	-57.04 dB	-17.19 dB
-20.000 MHz	-11.000 MHz	300.000 kHz	7.07592 GHz	-53.98 dBm	-47.73 dB	-20.55 dB
-11.000 MHz	-10.000 MHz	300.000 kHz	7.08404 GHz	-53.45 dBm	-47.21 dB	-28.04 dB
10.000 MHz	11.000 MHz	300.000 kHz	7.10596 GHz	-38.08 dBm	-31.84 dB	-12.67 dB
11.000 MHz	20.000 MHz	300.000 kHz	7.10620 GHz	-39.11 dBm	-32.87 dB	-12.69 dB
20.000 MHz	30.000 MHz	300.000 kHz	7.12496 GHz	-62.69 dBm	-56.45 dB	-16.50 dB
30.000 MHz	40.000 MHz	300.000 kHz	7.12552 GHz	-63.26 dBm	-57.02 dB	-17.02 dB

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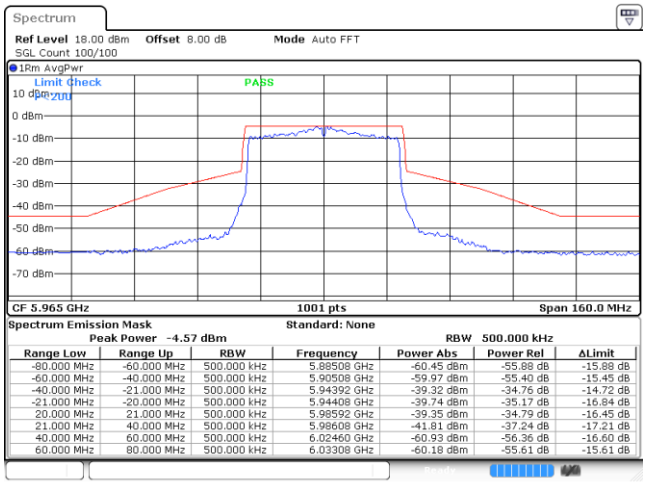
EUT Mode :	802.11ax HE40

Plot on Channel 5965MHz



Spectrum Emission Mask Standard: None
Peak Power -4.57 dBm RBW 500.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	5.88508 GHz	-60.45 dBm	-55.88 dB	-15.88 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	5.90508 GHz	-59.97 dBm	-55.40 dB	-15.45 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	5.94392 GHz	-39.32 dBm	-34.76 dB	-14.72 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	5.94408 GHz	-39.74 dBm	-35.17 dB	-16.84 dB
20.000 MHz	21.000 MHz	500.000 kHz	5.98592 GHz	-39.35 dBm	-34.79 dB	-16.45 dB
21.000 MHz	40.000 MHz	500.000 kHz	5.98608 GHz	-41.81 dBm	-37.24 dB	-17.21 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.02460 GHz	-60.93 dBm	-56.36 dB	-16.60 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.03308 GHz	-60.18 dBm	-55.61 dB	-15.61 dB

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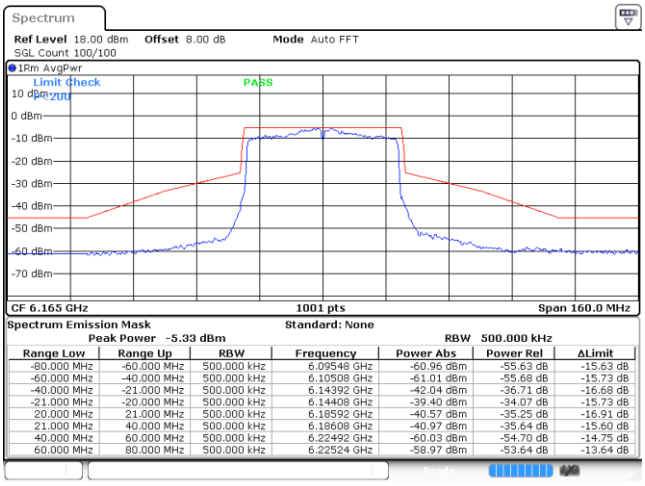
Plot on Channel 6165MHz

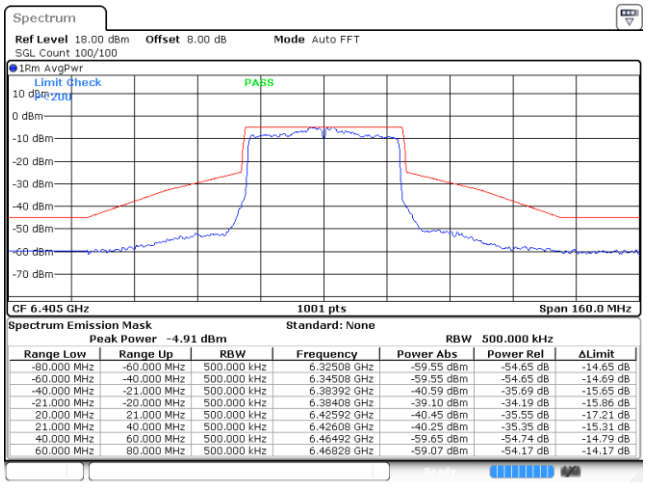


Spectrum Emission Mask Standard: None
Peak Power -5.33 dBm RBW 500.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.09548 GHz	-60.96 dBm	-55.63 dB	-15.63 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.10508 GHz	-61.01 dBm	-55.68 dB	-15.73 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.14392 GHz	-42.04 dBm	-36.71 dB	-16.68 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.14408 GHz	-39.40 dBm	-34.07 dB	-15.73 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.18592 GHz	-40.57 dBm	-35.25 dB	-16.91 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.18608 GHz	-40.97 dBm	-35.64 dB	-15.60 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.22492 GHz	-60.03 dBm	-54.70 dB	-14.75 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.22524 GHz	-58.97 dBm	-53.64 dB	-13.64 dB

Date: 17.FEB.2022 01:09:07

Plot on Channel 6405MHz

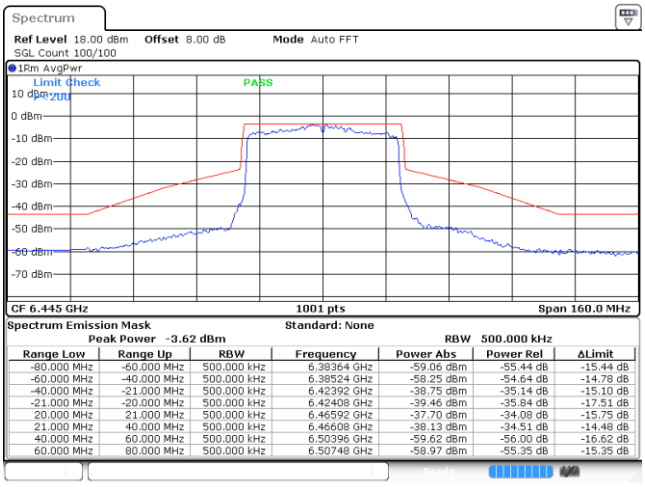


Spectrum Emission Mask Standard: None
Peak Power -4.91 dBm RBW 500.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.32508 GHz	-59.55 dBm	-54.65 dB	-14.65 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.34508 GHz	-59.55 dBm	-54.65 dB	-14.69 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.38392 GHz	-40.59 dBm	-35.69 dB	-15.65 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.38408 GHz	-39.10 dBm	-34.19 dB	-15.86 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.42592 GHz	-40.45 dBm	-35.55 dB	-17.21 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.42608 GHz	-40.25 dBm	-35.35 dB	-15.31 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.46492 GHz	-59.65 dBm	-54.74 dB	-14.79 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.46828 GHz	-59.07 dBm	-54.17 dB	-14.17 dB

Date: 17.FEB.2022 01:11:07

Plot on Channel 6445MHz

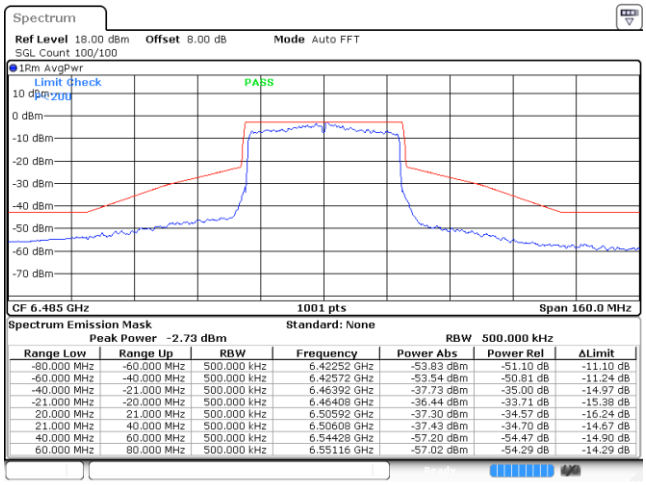


Spectrum Emission Mask Standard: None
Peak Power -3.62 dBm RBW 500.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.38364 GHz	-59.06 dBm	-55.44 dB	-15.44 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.38524 GHz	-58.25 dBm	-54.64 dB	-14.78 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.42392 GHz	-38.75 dBm	-35.14 dB	-15.10 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.42408 GHz	-39.46 dBm	-35.84 dB	-17.51 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.46592 GHz	-37.70 dBm	-34.08 dB	-15.75 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.46608 GHz	-38.13 dBm	-34.51 dB	-14.48 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.50396 GHz	-59.62 dBm	-56.00 dB	-16.62 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.50748 GHz	-58.97 dBm	-55.35 dB	-15.35 dB

Date: 17.FEB.2022 01:13:23

Plot on Channel 6485MHz

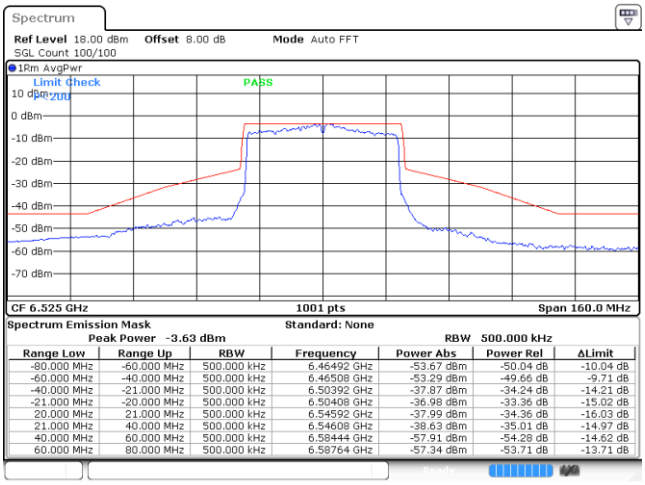


Spectrum Emission Mask Standard: None
Peak Power -2.73 dBm RBW 500.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.42252 GHz	-53.83 dBm	-51.10 dB	-11.10 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.42572 GHz	-53.54 dBm	-50.81 dB	-11.24 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.46392 GHz	-37.73 dBm	-35.00 dB	-14.97 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.46408 GHz	-36.44 dBm	-33.71 dB	-15.38 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.50592 GHz	-37.30 dBm	-34.57 dB	-16.24 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.50608 GHz	-37.43 dBm	-34.70 dB	-14.67 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.54428 GHz	-57.20 dBm	-54.47 dB	-14.90 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.55116 GHz	-57.02 dBm	-54.29 dB	-14.29 dB

Date: 17.FEB.2022 01:15:06

Plot on Channel 6525MHz

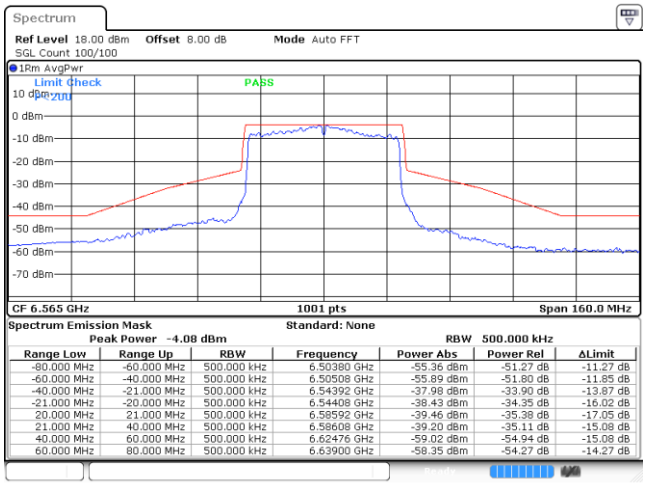


Spectrum Emission Mask Standard: None
Peak Power -3.63 dBm RBW 500.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.46492 GHz	-53.67 dBm	-50.04 dB	-10.04 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.46508 GHz	-53.29 dBm	-49.66 dB	-9.71 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.50392 GHz	-37.87 dBm	-34.24 dB	-14.21 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.50408 GHz	-36.98 dBm	-33.36 dB	-15.02 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.54592 GHz	-37.99 dBm	-34.36 dB	-16.03 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.54608 GHz	-38.63 dBm	-35.01 dB	-14.97 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.58444 GHz	-57.91 dBm	-54.28 dB	-14.62 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.58764 GHz	-57.34 dBm	-53.71 dB	-13.71 dB

Date: 17.FEB.2022 01:16:40

Plot on Channel 6565MHz

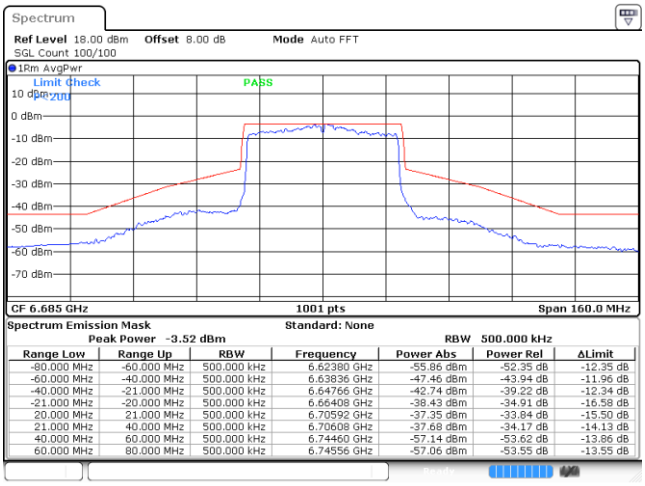


Spectrum Emission Mask Standard: None
Peak Power -4.08 dBm RBW 500.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.50380 GHz	-55.36 dBm	-51.27 dB	-11.27 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.50508 GHz	-55.89 dBm	-51.80 dB	-11.85 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.54392 GHz	-37.98 dBm	-33.90 dB	-13.87 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.54408 GHz	-38.43 dBm	-34.35 dB	-16.02 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.58592 GHz	-39.46 dBm	-35.38 dB	-17.05 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.58608 GHz	-39.20 dBm	-35.11 dB	-15.08 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.62476 GHz	-59.02 dBm	-54.94 dB	-15.08 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.63900 GHz	-58.35 dBm	-54.27 dB	-14.27 dB

Date: 17.FEB.2022 01:18:53

Plot on Channel 6685MHz

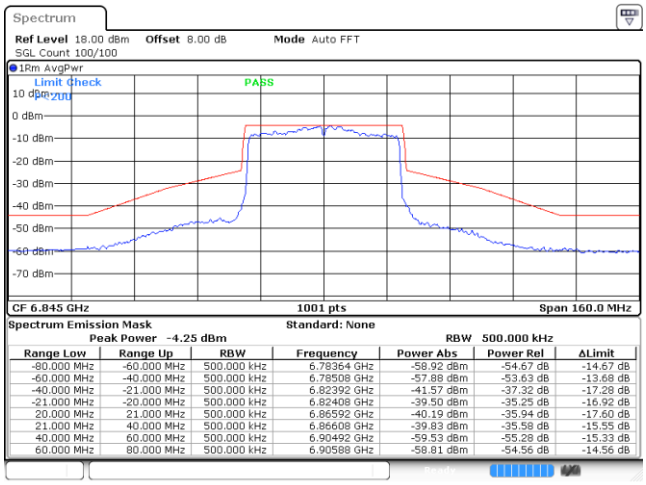


Spectrum Emission Mask Standard: None
Peak Power -3.52 dBm RBW 500.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.62380 GHz	-55.86 dBm	-52.35 dB	-12.35 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.63836 GHz	-47.46 dBm	-43.94 dB	-11.96 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.64766 GHz	-42.74 dBm	-39.22 dB	-12.34 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.66408 GHz	-38.43 dBm	-34.91 dB	-16.58 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.70592 GHz	-37.35 dBm	-33.84 dB	-15.50 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.70608 GHz	-37.68 dBm	-34.17 dB	-14.13 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.74460 GHz	-57.14 dBm	-53.62 dB	-13.86 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.74556 GHz	-57.06 dBm	-53.55 dB	-13.55 dB

Date: 17.FEB.2022 01:20:39

Plot on Channel 6845MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.78364 GHz	-58.92 dBm	-54.67 dB	-14.67 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.78508 GHz	-57.88 dBm	-53.63 dB	-13.68 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.82392 GHz	-41.57 dBm	-37.32 dB	-17.28 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.82408 GHz	-39.50 dBm	-35.25 dB	-16.92 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.86592 GHz	-40.19 dBm	-35.94 dB	-17.60 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.86608 GHz	-39.83 dBm	-35.58 dB	-15.55 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.90492 GHz	-59.53 dBm	-55.28 dB	-15.33 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.90588 GHz	-58.81 dBm	-54.56 dB	-14.56 dB

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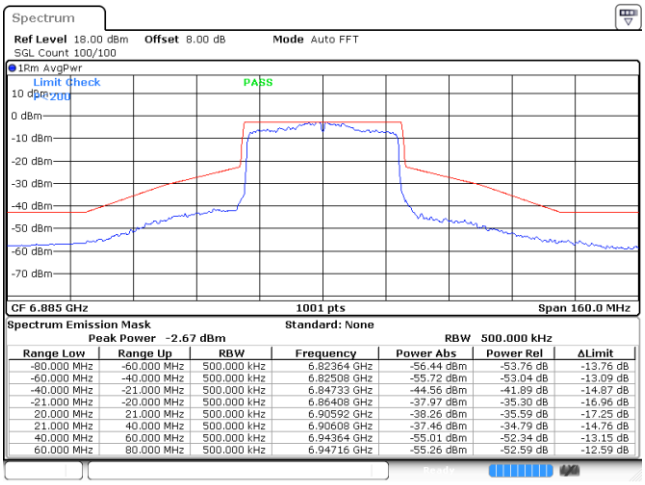
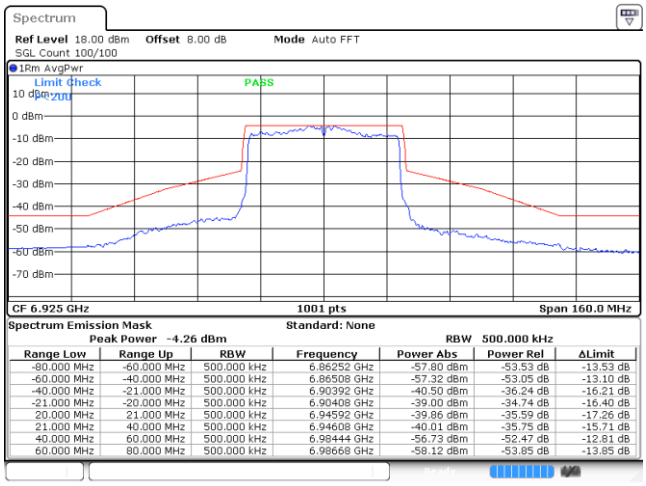
Plot on Channel 6885MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.82364 GHz	-56.44 dBm	-53.76 dB	-13.76 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.82508 GHz	-55.72 dBm	-53.04 dB	-13.09 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.84733 GHz	-44.56 dBm	-41.89 dB	-14.87 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.86408 GHz	-37.97 dBm	-35.30 dB	-16.96 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.90592 GHz	-38.26 dBm	-35.59 dB	-17.25 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.90608 GHz	-37.46 dBm	-34.79 dB	-14.76 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.94364 GHz	-55.01 dBm	-52.34 dB	-13.15 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.94716 GHz	-55.26 dBm	-52.59 dB	-12.59 dB

Date: 17.FEB.2022 01:25:59

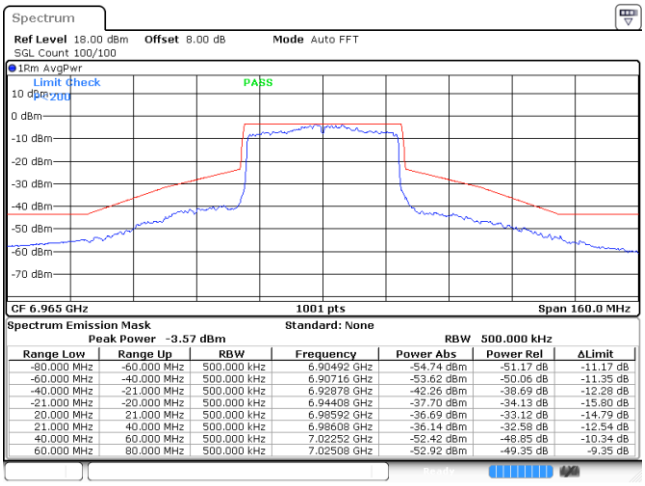
Plot on Channel 6925MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.86252 GHz	-57.80 dBm	-53.53 dB	-13.53 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.86508 GHz	-57.32 dBm	-53.05 dB	-13.10 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.90392 GHz	-40.50 dBm	-36.24 dB	-16.21 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.90408 GHz	-39.00 dBm	-34.74 dB	-16.40 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.94592 GHz	-39.86 dBm	-35.59 dB	-17.26 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.94608 GHz	-40.01 dBm	-35.75 dB	-15.71 dB
40.000 MHz	60.000 MHz	500.000 kHz	6.98444 GHz	-56.73 dBm	-52.47 dB	-12.81 dB
60.000 MHz	80.000 MHz	500.000 kHz	6.98668 GHz	-58.12 dBm	-53.85 dB	-13.85 dB

Date: 17.FEB.2022 01:28:17

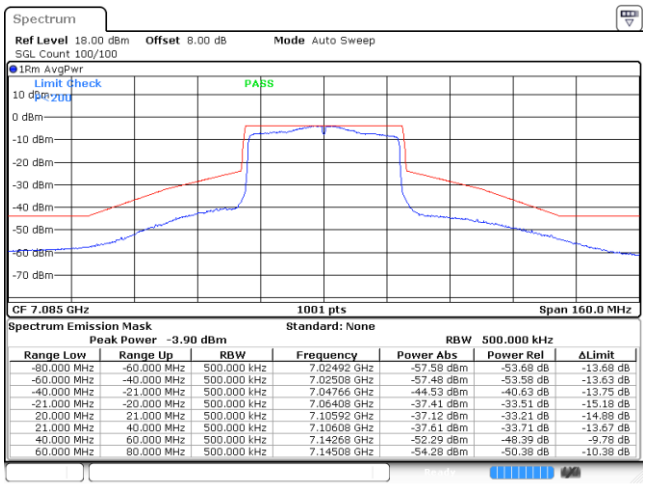
Plot on Channel 6965MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	6.90492 GHz	-54.74 dBm	-51.17 dB	-11.17 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	6.90716 GHz	-53.62 dBm	-50.06 dB	-11.35 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	6.92878 GHz	-42.26 dBm	-38.69 dB	-12.28 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	6.94408 GHz	-37.70 dBm	-34.13 dB	-15.80 dB
20.000 MHz	21.000 MHz	500.000 kHz	6.98592 GHz	-36.69 dBm	-33.12 dB	-14.79 dB
21.000 MHz	40.000 MHz	500.000 kHz	6.98608 GHz	-36.14 dBm	-32.58 dB	-12.54 dB
40.000 MHz	60.000 MHz	500.000 kHz	7.02252 GHz	-52.42 dBm	-48.85 dB	-10.34 dB
60.000 MHz	80.000 MHz	500.000 kHz	7.02508 GHz	-52.92 dBm	-49.35 dB	-9.35 dB

Date: 17.FEB.2022 01:30:00

Plot on Channel 7085MHz

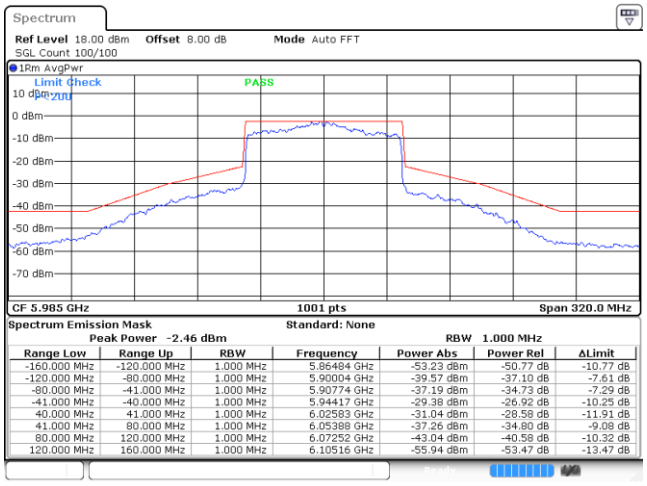


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-80.000 MHz	-60.000 MHz	500.000 kHz	7.02492 GHz	-57.58 dBm	-53.68 dB	-13.68 dB
-60.000 MHz	-40.000 MHz	500.000 kHz	7.02508 GHz	-57.48 dBm	-53.58 dB	-13.63 dB
-40.000 MHz	-21.000 MHz	500.000 kHz	7.04766 GHz	-44.53 dBm	-40.63 dB	-13.75 dB
-21.000 MHz	-20.000 MHz	500.000 kHz	7.06408 GHz	-37.41 dBm	-33.51 dB	-15.18 dB
20.000 MHz	21.000 MHz	500.000 kHz	7.10592 GHz	-37.12 dBm	-33.21 dB	-14.88 dB
21.000 MHz	40.000 MHz	500.000 kHz	7.10608 GHz	-37.61 dBm	-33.71 dB	-13.67 dB
40.000 MHz	60.000 MHz	500.000 kHz	7.14268 GHz	-52.29 dBm	-48.39 dB	-9.78 dB
60.000 MHz	80.000 MHz	500.000 kHz	7.14508 GHz	-54.28 dBm	-50.38 dB	-10.38 dB

Date: 17.FEB.2022 01:31:34

EUT Mode :	802.11ax HE80

Plot on Channel 5985MHz



Spectrum Emission Mask Standard: None
Peak Power -2.46 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	5.86484 GHz	-53.23 dBm	-50.77 dB	-10.77 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	5.90004 GHz	-39.57 dBm	-37.10 dB	-7.61 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	5.90774 GHz	-37.19 dBm	-34.73 dB	-7.29 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	5.94417 GHz	-29.38 dBm	-26.92 dB	-10.25 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.02583 GHz	-31.04 dBm	-28.58 dB	-11.91 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.05388 GHz	-37.26 dBm	-34.80 dB	-9.08 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.07252 GHz	-43.04 dBm	-40.58 dB	-10.32 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.10516 GHz	-55.94 dBm	-53.47 dB	-13.47 dB

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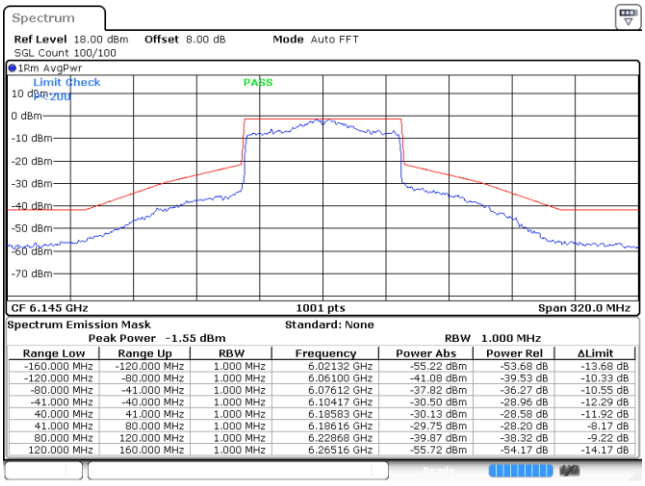
Plot on Channel 6145MHz

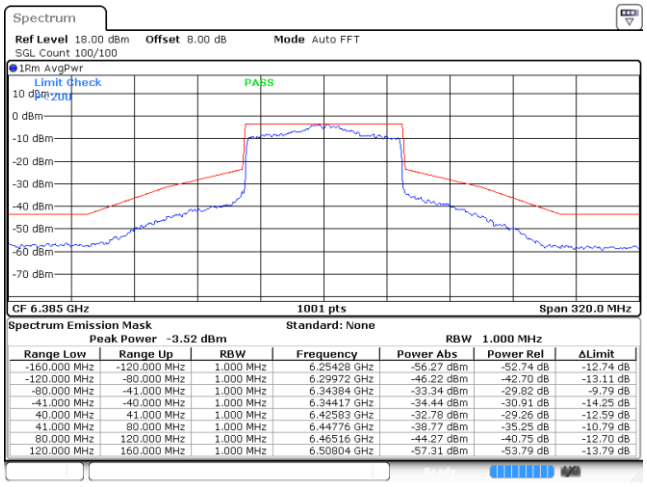


Spectrum Emission Mask Standard: None
Peak Power -1.55 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.02132 GHz	-55.22 dBm	-53.68 dB	-13.68 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.06100 GHz	-41.08 dBm	-39.53 dB	-10.33 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.07612 GHz	-37.82 dBm	-36.27 dB	-10.55 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.10417 GHz	-30.50 dBm	-28.96 dB	-12.29 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.18583 GHz	-30.13 dBm	-28.58 dB	-11.92 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.18616 GHz	-29.75 dBm	-28.20 dB	-8.17 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.22868 GHz	-39.87 dBm	-38.32 dB	-9.22 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.26516 GHz	-55.72 dBm	-54.17 dB	-14.17 dB

Date: 17.FEB.2022 01:54:40

Plot on Channel 6385MHz

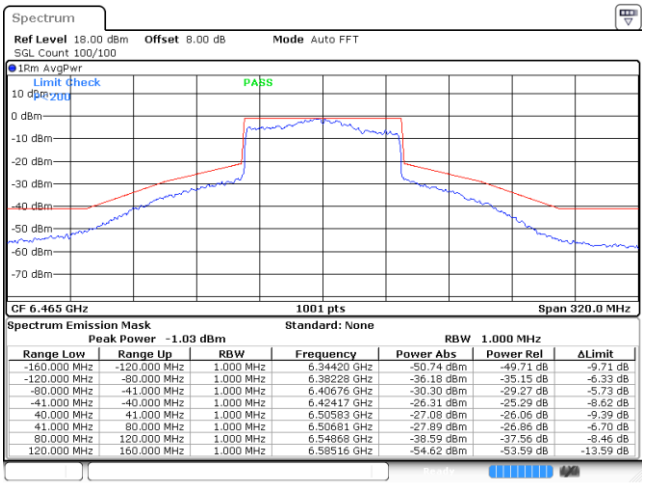


Spectrum Emission Mask Standard: None
Peak Power -3.52 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.25428 GHz	-56.27 dBm	-52.74 dB	-12.74 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.29972 GHz	-46.22 dBm	-42.70 dB	-13.11 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.34384 GHz	-33.34 dBm	-29.82 dB	-9.79 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.34417 GHz	-34.44 dBm	-30.91 dB	-14.25 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.42583 GHz	-32.78 dBm	-29.26 dB	-12.59 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.44776 GHz	-38.77 dBm	-35.25 dB	-10.79 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.46516 GHz	-44.27 dBm	-40.75 dB	-12.70 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.50804 GHz	-57.31 dBm	-53.79 dB	-13.79 dB

Date: 17.FEB.2022 01:56:41

Plot on Channel 6465MHz

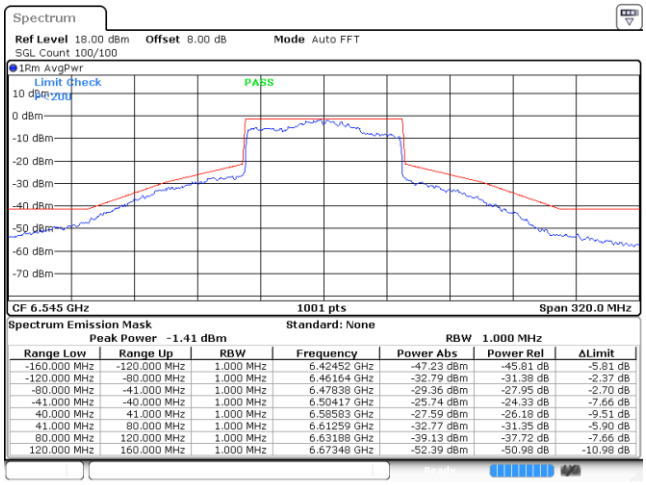


Spectrum Emission Mask Standard: None
Peak Power -1.03 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.34420 GHz	-50.74 dBm	-49.71 dB	-9.71 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.38228 GHz	-36.18 dBm	-35.15 dB	-6.33 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.40676 GHz	-30.30 dBm	-29.27 dB	-5.73 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.42417 GHz	-26.31 dBm	-25.29 dB	-8.62 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.50583 GHz	-27.08 dBm	-26.06 dB	-9.39 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.50681 GHz	-27.89 dBm	-26.86 dB	-6.70 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.54868 GHz	-38.59 dBm	-37.56 dB	-8.46 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.58516 GHz	-54.62 dBm	-53.59 dB	-13.59 dB

Date: 17.FEB.2022 01:58:33

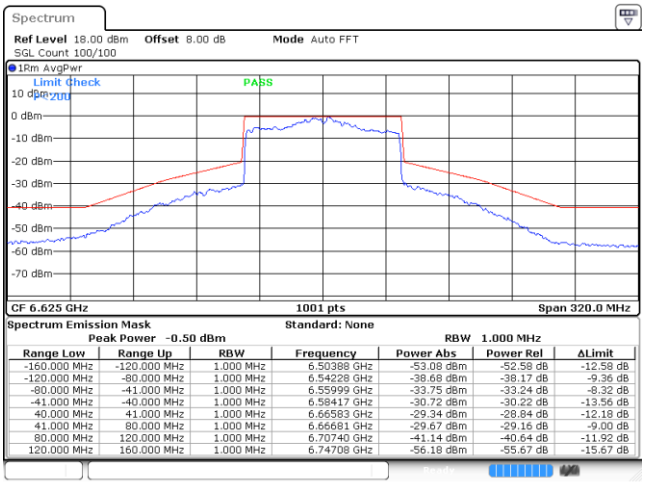
Plot on Channel 6545MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.42452 GHz	-47.23 dBm	-45.81 dB	-5.81 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.46164 GHz	-32.79 dBm	-31.38 dB	-2.37 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.47838 GHz	-29.36 dBm	-27.95 dB	-2.70 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.50417 GHz	-25.74 dBm	-24.33 dB	-7.66 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.58583 GHz	-27.59 dBm	-26.18 dB	-9.51 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.61259 GHz	-32.77 dBm	-31.35 dB	-5.90 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.63188 GHz	-39.13 dBm	-37.72 dB	-7.66 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.67348 GHz	-52.39 dBm	-50.98 dB	-10.98 dB

Date: 17.FEB.2022 02:00:41

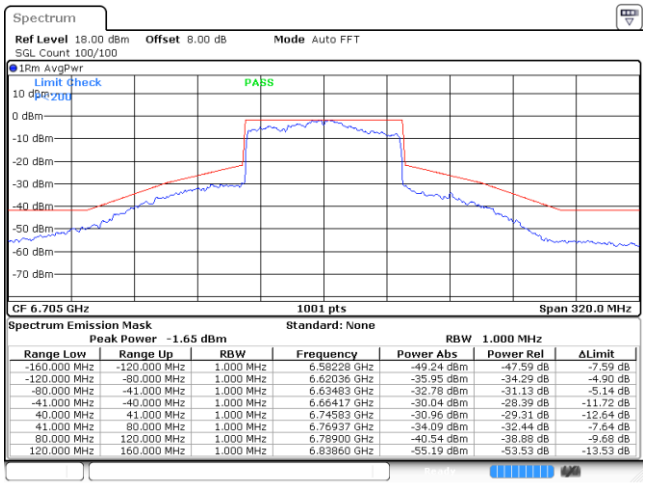
Plot on Channel 6625MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.50388 GHz	-53.08 dBm	-52.58 dB	-12.58 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.54228 GHz	-38.68 dBm	-38.17 dB	-9.36 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.55999 GHz	-33.75 dBm	-33.24 dB	-8.32 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.58417 GHz	-30.72 dBm	-30.22 dB	-13.56 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.66583 GHz	-29.34 dBm	-28.84 dB	-12.18 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.66681 GHz	-29.67 dBm	-29.16 dB	-9.00 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.70740 GHz	-41.14 dBm	-40.64 dB	-11.92 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.74708 GHz	-56.18 dBm	-55.67 dB	-15.67 dB

Date: 17.FEB.2022 02:23:32

Plot on Channel 6705MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.58228 GHz	-49.24 dBm	-47.59 dB	-7.59 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.62036 GHz	-35.95 dBm	-34.29 dB	-4.90 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.63483 GHz	-32.78 dBm	-31.13 dB	-5.14 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.66417 GHz	-30.04 dBm	-28.39 dB	-11.72 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.74583 GHz	-30.96 dBm	-29.31 dB	-12.64 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.76937 GHz	-34.09 dBm	-32.44 dB	-7.64 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.78900 GHz	-40.54 dBm	-38.88 dB	-9.68 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.83860 GHz	-55.19 dBm	-53.53 dB	-13.53 dB

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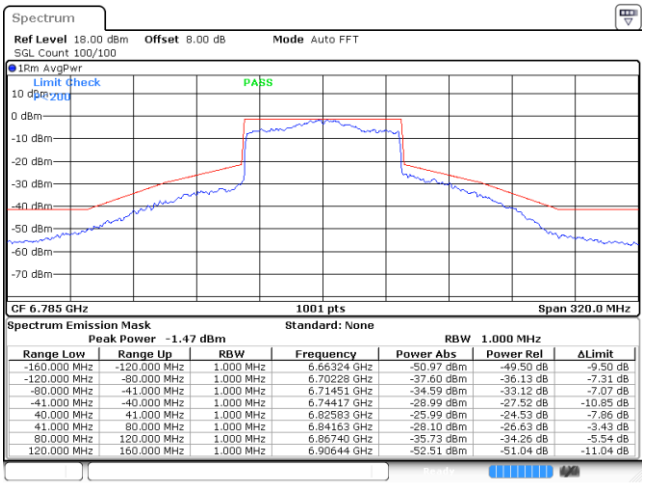
Plot on Channel 6785MHz



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.66324 GHz	-50.97 dBm	-49.50 dB	-9.50 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.70228 GHz	-37.60 dBm	-36.13 dB	-7.31 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.71451 GHz	-34.59 dBm	-33.12 dB	-7.07 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.74417 GHz	-28.99 dBm	-27.52 dB	-10.85 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.82583 GHz	-25.99 dBm	-24.53 dB	-7.86 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.84163 GHz	-28.10 dBm	-26.63 dB	-3.43 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.86740 GHz	-35.73 dBm	-34.26 dB	-5.54 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.90644 GHz	-52.51 dBm	-51.04 dB	-11.04 dB

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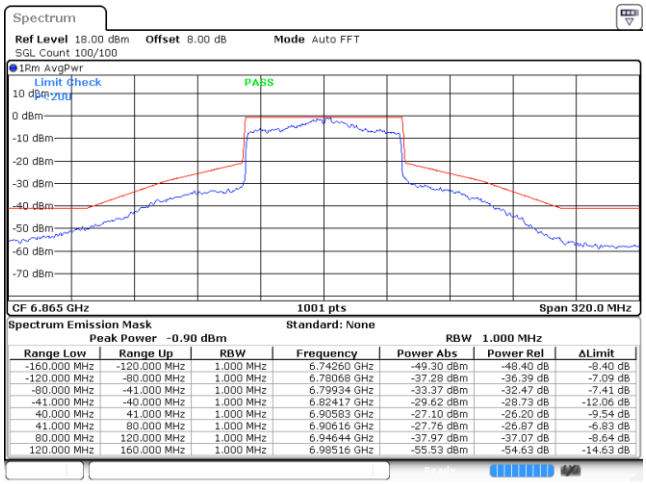
Plot on Channel 6865MHz



Spectrum Emission Mask Standard: None
Peak Power -0.90 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.74260 GHz	-49.30 dBm	-48.40 dB	-8.40 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.78068 GHz	-37.28 dBm	-36.39 dB	-7.09 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.79934 GHz	-33.37 dBm	-32.47 dB	-7.41 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.82417 GHz	-29.62 dBm	-28.73 dB	-12.06 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.90583 GHz	-27.10 dBm	-26.20 dB	-9.54 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.90616 GHz	-27.76 dBm	-26.87 dB	-6.83 dB
80.000 MHz	120.000 MHz	1.000 MHz	6.94644 GHz	-37.97 dBm	-37.07 dB	-8.64 dB
120.000 MHz	160.000 MHz	1.000 MHz	6.98516 GHz	-55.53 dBm	-54.63 dB	-14.63 dB

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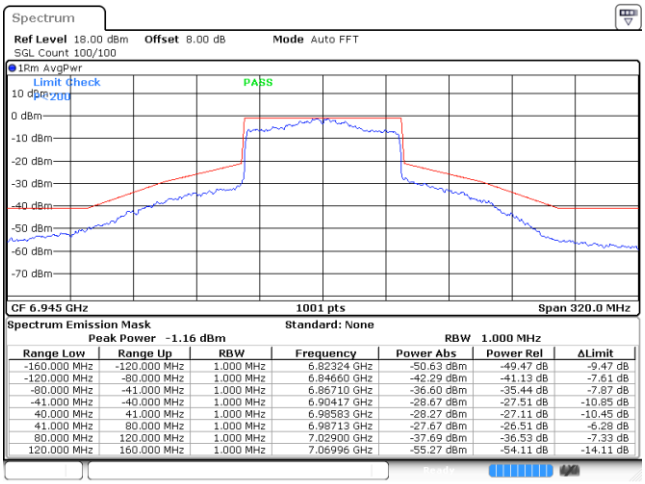
Plot on Channel 6945MHz



Spectrum Emission Mask Standard: None
Peak Power -1.16 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.82324 GHz	-50.63 dBm	-49.47 dB	-9.47 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.84660 GHz	-42.29 dBm	-41.13 dB	-7.61 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.86710 GHz	-36.60 dBm	-35.44 dB	-7.87 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.90417 GHz	-28.67 dBm	-27.51 dB	-10.85 dB
40.000 MHz	41.000 MHz	1.000 MHz	6.98583 GHz	-28.27 dBm	-27.11 dB	-10.45 dB
41.000 MHz	80.000 MHz	1.000 MHz	6.98713 GHz	-27.67 dBm	-26.51 dB	-6.28 dB
80.000 MHz	120.000 MHz	1.000 MHz	7.02900 GHz	-37.69 dBm	-36.53 dB	-7.33 dB
120.000 MHz	160.000 MHz	1.000 MHz	7.06996 GHz	-55.27 dBm	-54.11 dB	-14.11 dB

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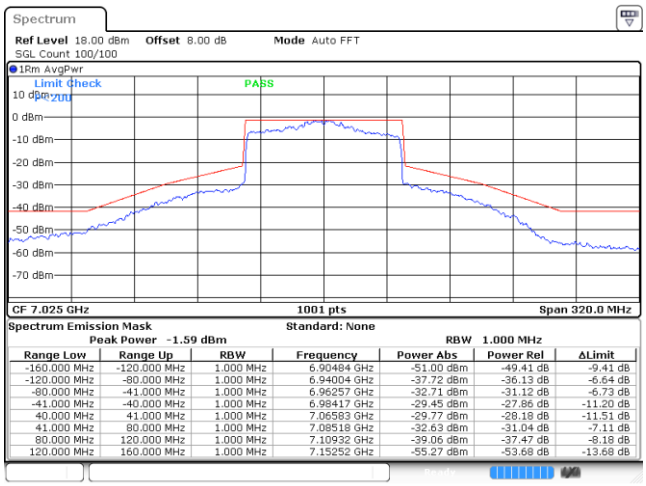
Plot on Channel 7025MHz



Spectrum Emission Mask Standard: None
Peak Power -1.59 dBm RBW 1.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-160.000 MHz	-120.000 MHz	1.000 MHz	6.90484 GHz	-51.00 dBm	-49.41 dB	-9.41 dB
-120.000 MHz	-80.000 MHz	1.000 MHz	6.94004 GHz	-37.72 dBm	-36.13 dB	-6.64 dB
-80.000 MHz	-41.000 MHz	1.000 MHz	6.96257 GHz	-32.71 dBm	-31.12 dB	-6.73 dB
-41.000 MHz	-40.000 MHz	1.000 MHz	6.98417 GHz	-29.45 dBm	-27.86 dB	-11.20 dB
40.000 MHz	41.000 MHz	1.000 MHz	7.06583 GHz	-29.77 dBm	-28.18 dB	-11.51 dB
41.000 MHz	80.000 MHz	1.000 MHz	7.08518 GHz	-32.63 dBm	-31.04 dB	-7.11 dB
80.000 MHz	120.000 MHz	1.000 MHz	7.10932 GHz	-39.06 dBm	-37.47 dB	-8.18 dB
120.000 MHz	160.000 MHz	1.000 MHz	7.15252 GHz	-55.27 dBm	-53.68 dB	-13.68 dB

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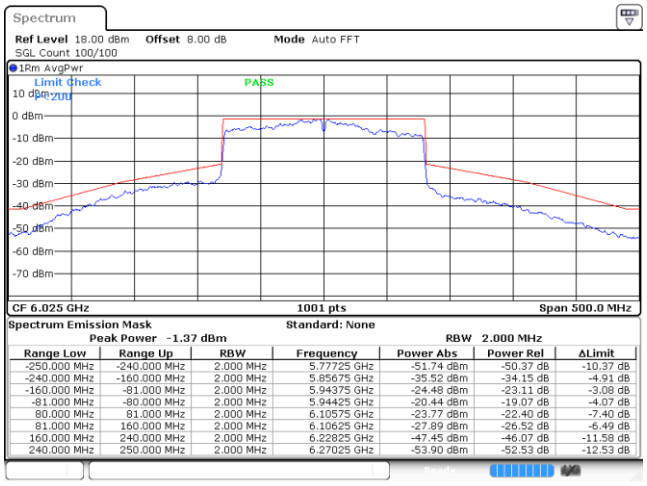
EUT Mode :	802.11ax HE160

Plot on Channel 6025MHz



Spectrum Emission Mask Standard: None
Peak Power -1.37 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	5.77725 GHz	-51.74 dBm	-50.37 dB	-10.37 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	5.85675 GHz	-35.52 dBm	-34.15 dB	-4.91 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	5.94375 GHz	-24.48 dBm	-23.11 dB	-3.08 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	5.94425 GHz	-20.44 dBm	-19.07 dB	-4.07 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.10575 GHz	-23.77 dBm	-22.40 dB	-7.40 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.10625 GHz	-27.89 dBm	-26.52 dB	-6.49 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.22825 GHz	-47.45 dBm	-46.07 dB	-11.58 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.27025 GHz	-53.90 dBm	-52.53 dB	-12.53 dB

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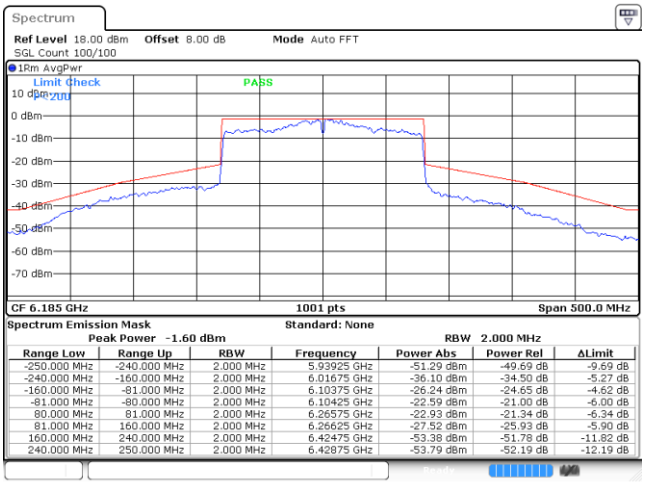
Plot on Channel 6185MHz



Spectrum Emission Mask Standard: None
Peak Power -1.60 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	5.93925 GHz	-51.29 dBm	-49.69 dB	-9.69 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.01675 GHz	-36.10 dBm	-34.50 dB	-5.27 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.10375 GHz	-26.24 dBm	-24.65 dB	-4.62 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.10425 GHz	-22.59 dBm	-21.00 dB	-6.00 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.26575 GHz	-22.93 dBm	-21.34 dB	-6.34 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.26625 GHz	-27.52 dBm	-25.93 dB	-5.90 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.42475 GHz	-53.38 dBm	-51.78 dB	-11.82 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.42875 GHz	-53.79 dBm	-52.19 dB	-12.19 dB

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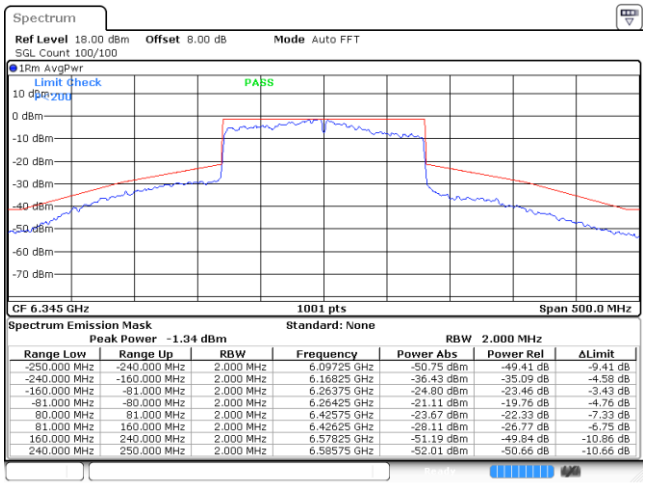
Plot on Channel 6345MHz



Spectrum Emission Mask Standard: None
Peak Power -1.34 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.09725 GHz	-50.75 dBm	-49.41 dB	-9.41 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.16825 GHz	-36.43 dBm	-35.09 dB	-4.58 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.26375 GHz	-24.80 dBm	-23.46 dB	-3.43 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.26425 GHz	-21.11 dBm	-19.76 dB	-4.76 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.42575 GHz	-23.67 dBm	-22.33 dB	-7.33 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.42625 GHz	-28.11 dBm	-26.77 dB	-6.75 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.57825 GHz	-51.19 dBm	-49.84 dB	-10.86 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.58575 GHz	-52.01 dBm	-50.66 dB	-10.66 dB

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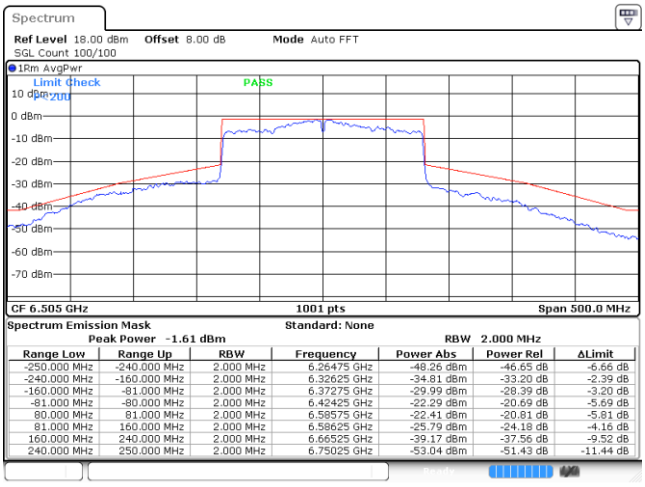
Plot on Channel 6505MHz



Spectrum Emission Mask Standard: None
Peak Power -1.61 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.26475 GHz	-48.26 dBm	-46.65 dB	-6.66 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.32625 GHz	-34.81 dBm	-33.20 dB	-2.39 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.37275 GHz	-29.99 dBm	-28.39 dB	-3.20 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.42425 GHz	-22.29 dBm	-20.69 dB	-5.69 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.58575 GHz	-22.41 dBm	-20.81 dB	-5.81 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.58625 GHz	-25.79 dBm	-24.18 dB	-4.16 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.66525 GHz	-39.17 dBm	-37.56 dB	-9.52 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.75025 GHz	-53.04 dBm	-51.43 dB	-11.44 dB

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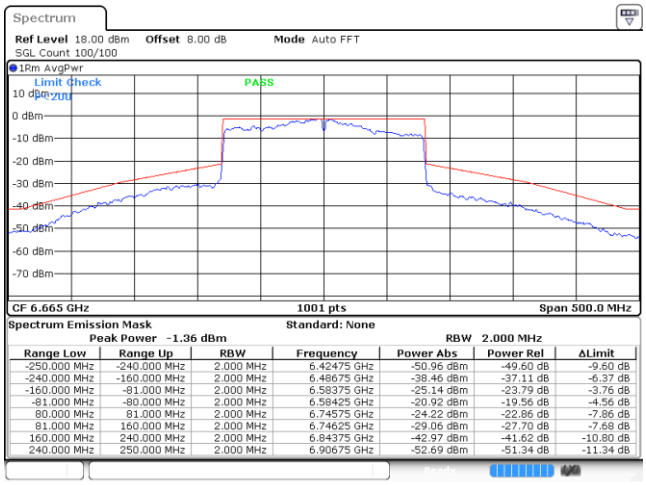
Plot on Channel 6665MHz



Spectrum Emission Mask Standard: None
Peak Power -1.36 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.42475 GHz	-50.96 dBm	-49.60 dB	-9.60 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.48675 GHz	-38.46 dBm	-37.11 dB	-6.37 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.58375 GHz	-25.14 dBm	-23.79 dB	-3.76 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.58425 GHz	-20.92 dBm	-19.56 dB	-4.56 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.74575 GHz	-24.22 dBm	-22.86 dB	-7.86 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.74625 GHz	-29.06 dBm	-27.70 dB	-7.68 dB
160.000 MHz	240.000 MHz	2.000 MHz	6.84375 GHz	-42.97 dBm	-41.62 dB	-10.80 dB
240.000 MHz	250.000 MHz	2.000 MHz	6.90675 GHz	-52.69 dBm	-51.34 dB	-11.34 dB

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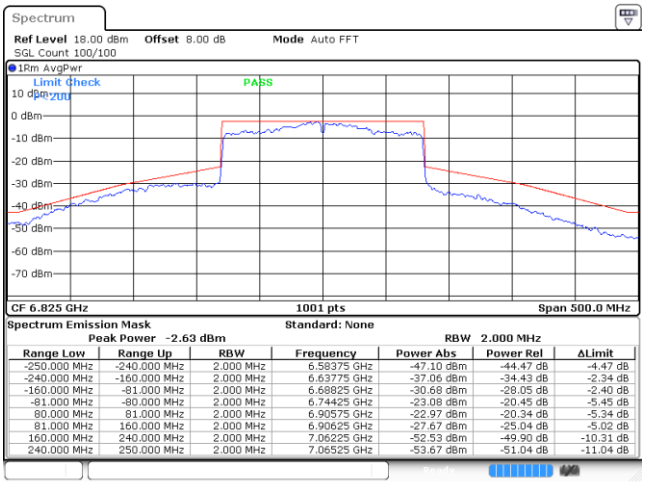
Plot on Channel 6825MHz



Spectrum Emission Mask Standard: None
Peak Power -2.63 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.58375 GHz	-47.10 dBm	-44.47 dB	-4.47 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.63775 GHz	-37.06 dBm	-34.43 dB	-2.34 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.68825 GHz	-30.68 dBm	-28.05 dB	-2.40 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.74425 GHz	-23.08 dBm	-20.45 dB	-5.45 dB
80.000 MHz	81.000 MHz	2.000 MHz	6.90575 GHz	-22.97 dBm	-20.34 dB	-5.34 dB
81.000 MHz	160.000 MHz	2.000 MHz	6.90625 GHz	-27.67 dBm	-25.04 dB	-5.02 dB
160.000 MHz	240.000 MHz	2.000 MHz	7.06225 GHz	-52.53 dBm	-49.90 dB	-10.31 dB
240.000 MHz	250.000 MHz	2.000 MHz	7.06525 GHz	-53.67 dBm	-51.04 dB	-11.04 dB

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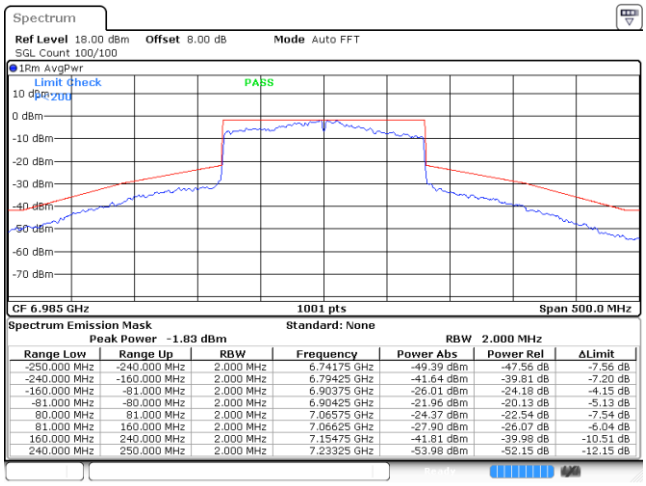
Plot on Channel 6985MHz



Spectrum Emission Mask Standard: None
Peak Power -1.83 dBm RBW 2.000 MHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-250.000 MHz	-240.000 MHz	2.000 MHz	6.74175 GHz	-49.39 dBm	-47.56 dB	-7.56 dB
-240.000 MHz	-160.000 MHz	2.000 MHz	6.79425 GHz	-41.64 dBm	-39.81 dB	-7.20 dB
-160.000 MHz	-81.000 MHz	2.000 MHz	6.90375 GHz	-26.01 dBm	-24.18 dB	-4.15 dB
-81.000 MHz	-80.000 MHz	2.000 MHz	6.90425 GHz	-21.96 dBm	-20.13 dB	-5.13 dB
80.000 MHz	81.000 MHz	2.000 MHz	7.06575 GHz	-24.37 dBm	-22.54 dB	-7.54 dB
81.000 MHz	160.000 MHz	2.000 MHz	7.06625 GHz	-27.90 dBm	-26.07 dB	-6.04 dB
160.000 MHz	240.000 MHz	2.000 MHz	7.15475 GHz	-41.81 dBm	-39.98 dB	-10.51 dB
240.000 MHz	250.000 MHz	2.000 MHz	7.23325 GHz	-53.98 dBm	-52.15 dB	-12.15 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

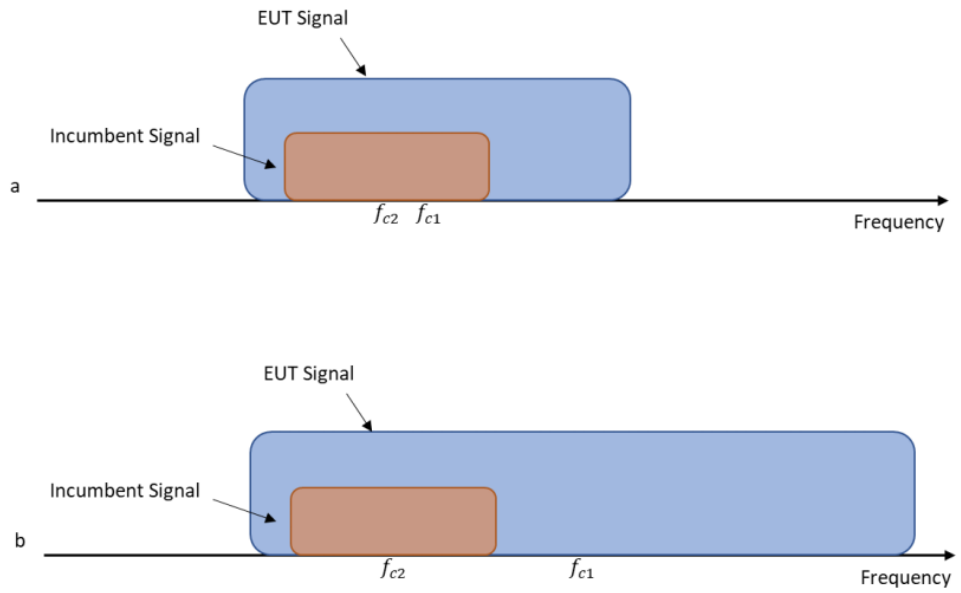


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

Refer to KDB 987594 D02 v01v01.

1. To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure 1, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency $fc2$) tuned to different center frequencies within the UT transmission bandwidth. The criteria specified in Table 1 determines how many times the detection threshold test must be performed
2. 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.
3. Monitor the signal analyzer 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.
4. (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.
5. 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 2, choose a different center frequency for the AWGN signal and repeat the process.

3.5.4 Test Setup

Conducted Setup

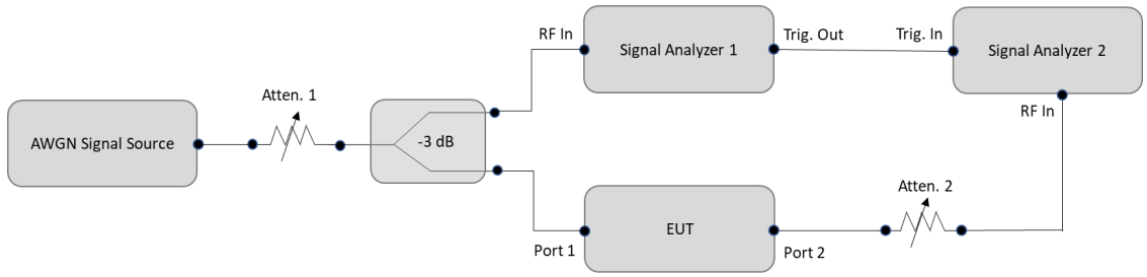


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

3.5.5 Support Unit used in test configuration and system

Instrument	Brand Name	Model No.	Characteristics
WLAN AP	ASUS	GT-AXE11000	Dual Band AP
Notebook	Dell	P78G	LAN

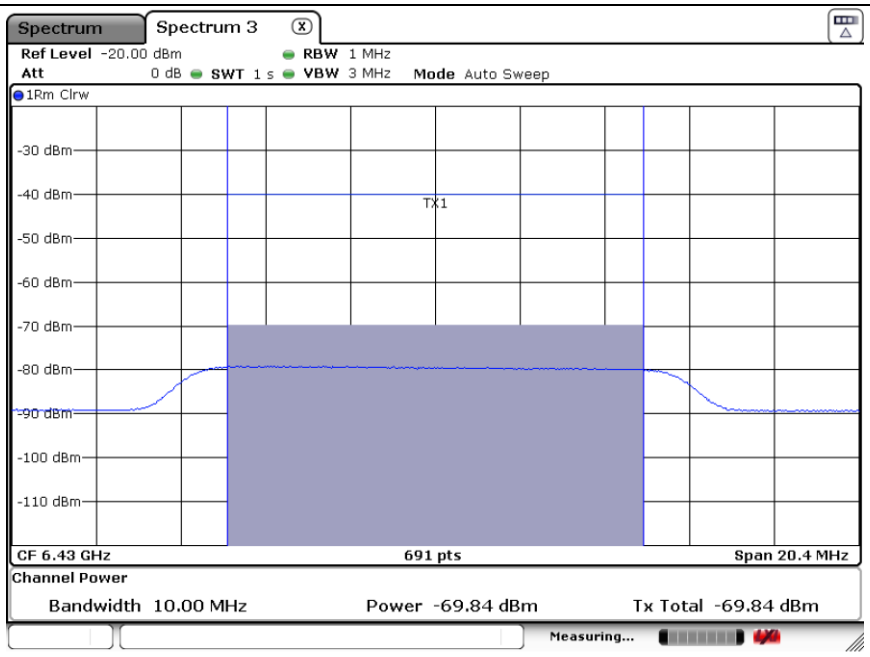
3.5.6 Test Summary of Contention Based Protocol Test

Band	Channel Freq. (MHz)	Channel BW (MHz)	Incumbent freq. (MHz)	Measured Detection level (dBm)	Detection Rate (%)	Regulated Threshold level (dBm)	Margin (dB)
UNII Band 5	6135	20	6135	-76.15	100	-67.7	8.45
	6185	160	6110	-69.01	100	-67.7	1.31
			6185	-71.6	100	-67.7	3.9
			6260	-73.86	100	-67.7	6.16
UNII Band 6	6455	20	6455	-74.84	100	-69.1	5.74
	6505	160	6430	-69.84	100	-69.1	0.74
			6505	-70.7	100	-69.1	1.60
			6580	-74.15	100	-69.1	5.05
UNII Band 7	6695	20	6695	-76.19	100	-68.9	7.29
	6665	160	6590	-70.52	100	-68.9	1.62
			6665	-72.65	100	-68.9	3.75
			6740	-75.19	100	-68.9	6.29
UNII Band 8	7015	20	7015	-73.69	100	-69.7	3.99
	6985	160	6910	-71.93	100	-69.7	2.23
			6985	-71.35	100	-69.7	1.65
			7060	-72.11	100	-69.7	2.41

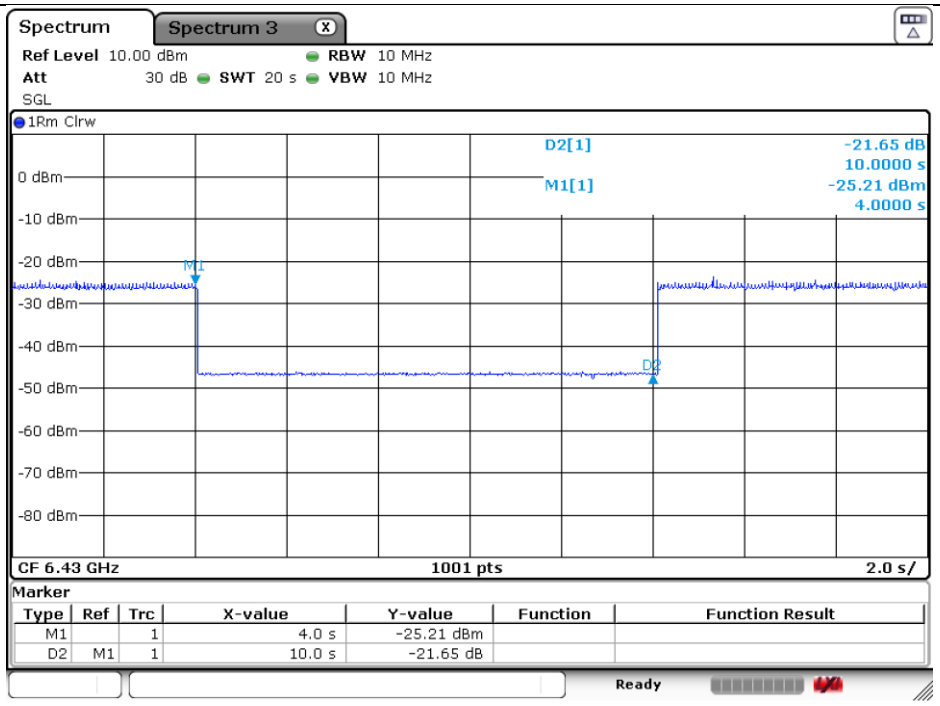
Note: Threshold Level (TL) = -62dBm + minimum antenna gain

3.5.7 Worst Case Plots of Contention Based Protocol

802.11ax (HE160) / 6430MHz
Detection Level (AWGN) = -69.84dBm/MHz



802.11ax (HE160) / 6430MHz
Test result is pass due to no transmission occur.



Remark: M1: Injection of AWGN signal, D2: Removal of AWGN signal

3.6 Unwanted Emissions Measurement

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

3.6.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

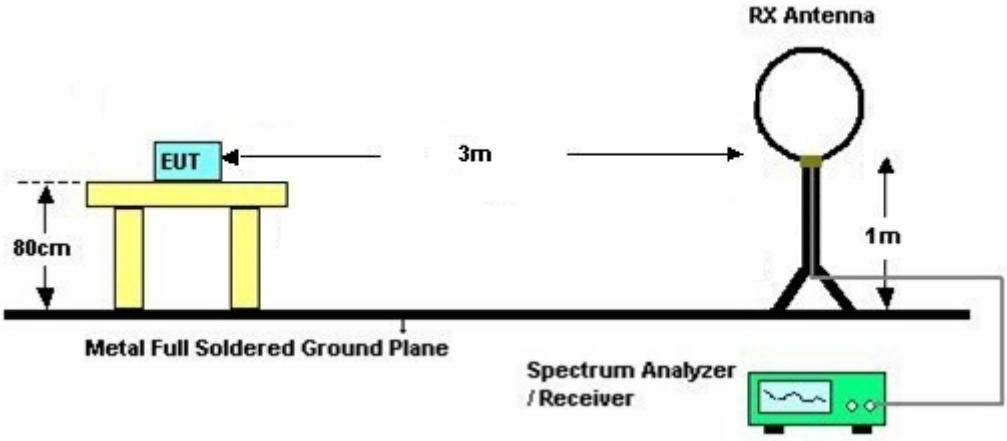
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

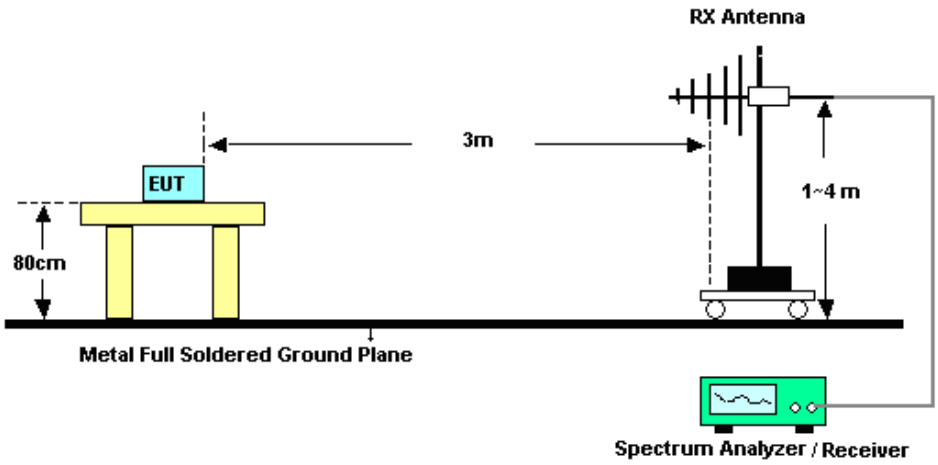
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.6.4 Test Setup

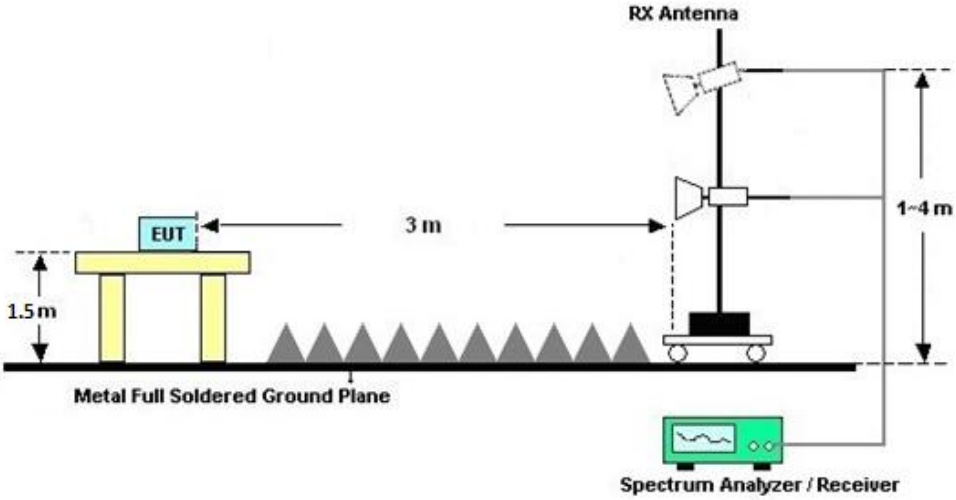
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.6.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C

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.

3.7 AC Conducted Emission Measurement

3.7.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

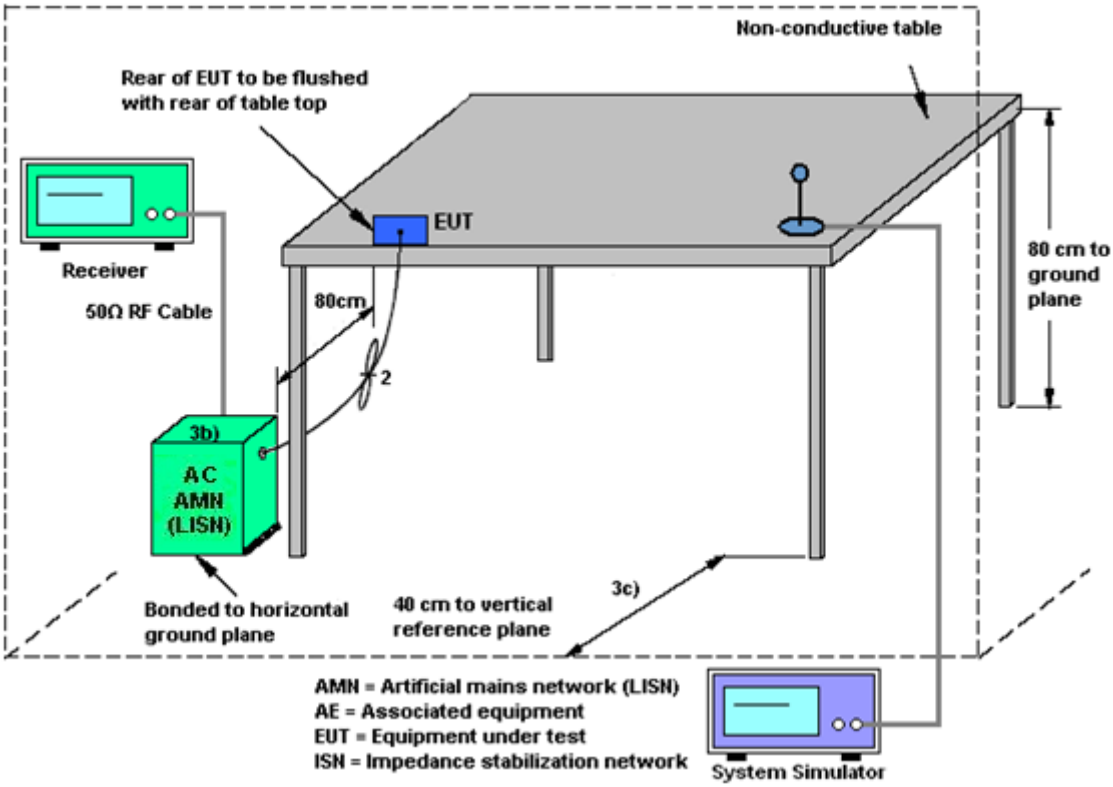
3.7.2 Measuring Instruments

See list of measuring equipment of this test report.

3.7.3 Test Procedures

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

3.7.4 Test Setup



3.7.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.8 Antenna Requirements

3.8.1 Standard Applicable

§15.203: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used. The EUT complies with the requirement of 15.203.

3.8.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e.,

Directional gain = $G_{ANT\ MAX}$(Ant.1 Gain, Ant.2 Gain,…) + Array Gain, as following table for Power,

where Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

For PSD, the directional gain calculation is following,

Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{Gn/20})^2 / N_{ANT}]$ dBi, as following table for PSD.

N_{ANT} = number of transmit antennas

N_{SS} = number of spatial streams. (The worst case directional gain will occur when NSS = 1)

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi

<CDD Modes>

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)
U-NII-5	-5.70	-5.20	-5.20	-2.44
U-NII-6	-7.10	-6.30	-6.30	-3.68
U-NII-7	-6.90	-6.10	-6.10	-3.48
U-NII-8	-7.70	-6.90	-6.90	-4.28

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 14, 2021	Feb. 16, 2022~ Feb. 17, 2022	Oct. 13, 2022	Conducted (TH01-KS)
Pulse Power Senor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 07, 2022	Feb. 16, 2022~ Feb. 17, 2022	Jan. 06, 2023	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 07, 2022	Feb. 16, 2022~ Feb. 17, 2022	Jan. 06, 2023	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;Max 30dBm	Oct. 16, 2021	Feb. 24, 2022	Oct. 15, 2022	Radiation (03CH05-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150244	10Hz-44G,MAX 30dB	Apr. 13, 2021	Feb. 24, 2022	Apr. 12, 2022	Radiation (03CH05-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 30, 2021	Feb. 24, 2022	Oct. 29, 2022	Radiation (03CH05-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz-1GHz	May 30, 2021	Feb. 24, 2022	May 29, 2022	Radiation (03CH05-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218652	1GHz~18GHz	Apr. 25, 2021	Feb. 24, 2022	Apr. 24, 2022	Radiation (03CH05-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 05, 2022	Feb. 24, 2022	Jan. 04, 2023	Radiation (03CH05-KS)
Amplifier	SONOMA	310N	187289	9KHz-1GHz	Jan. 05, 2022	Feb. 24, 2022	Jan. 04, 2023	Radiation (03CH05-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 05, 2022	Feb. 24, 2022	Jan. 04, 2023	Radiation (03CH05-KS)
high gain Amplifier	MITEQ	AMF-7D-00101800-30-10P	2012228	1Ghz-18Ghz	Oct. 16, 2021	Feb. 24, 2022	Oct. 15, 2022	Radiation (03CH05-KS)
Amplifier	Keysight	83017A	MY53270316	500MHz~26.5GHz	Oct. 16, 2021	Feb. 24, 2022	Oct. 15, 2022	Radiation (03CH05-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Feb. 24, 2022	NCR	Radiation (03CH05-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Feb. 24, 2022	NCR	Radiation (03CH05-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Feb. 24, 2022	NCR	Radiation (03CH05-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	Apr. 21, 2021	Feb. 02, 2022	Apr. 20, 2022	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 14, 2021	Feb. 02, 2022	Oct. 13, 2022	Conduction (CO01-KS)
AC LISN	R&S	ENV216	100334	9kHz~30MHz	Oct. 14, 2021	Feb. 02, 2022	Oct. 13, 2022	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 14, 2021	Feb. 02, 2022	Oct. 13, 2022	Conduction (CO01-KS)
Signal Analyzer	R&S	FSV7	101472	10Hz~7GHz	Jan. 06, 2022	Feb. 07, 2022	Jan. 05, 2023	Conducted (DFS01-KS)
MXG-B RF Vector Signal Genertor	Keysight	5182B /5182BX07	MY56200417 /MY59360210	9kHz~7.2GHz	Apr. 13, 2021	Feb. 07, 2022	Apr. 12, 2022	Conducted (DFS01-KS)
Combiner	MTJ Cooperation	MTJ7114-M	N/A	0.5GHz~18GHz	NCR	Feb. 07, 2022	NCR	Conducted (DFS01-KS)

NCR: No Calibration Required

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.94dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB

---------- THE END ----------

Appendix A. Conducted Test Results

Report Number : FR1D2901G

Test Engineer:	Jacob Zhang	Temperature:	21~25	°C
Test Date:	2022/2/16~2022/2/17	Relative Humidity:	51~54	%

Report Number : FR1D2901G

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 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	16.33	16.28	18.93	18.83	
11a	6Mbps	2	6175	16.28	16.28	18.78	18.98	
11a	6Mbps	2	6415	16.33	16.33	18.83	18.88	

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	5955	0.24	0.25	6.55	7.14	9.86	-5.20		4.66	24.00	Pass
11a	6Mbps	2	6175	0.24	0.25	6.85	6.98	9.92	-5.20		4.72	24.00	Pass
11a	6Mbps	2	6415	0.24	0.25	7.29	7.01	10.16	-5.20		4.96	24.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	001	5955	0.24	0.25			0.21	-2.44		-2.23	-1.00	Pass
11a	6Mbps	2	045	6175	0.24	0.25			0.38	-2.44		-2.06	-1.00	Pass
11a	6Mbps	2	093	6415	0.24	0.25			0.18	-2.44		-2.26	-1.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 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	16.33	16.33	18.83	18.83	
11a	6Mbps	2	6475	16.28	16.28	18.88	18.83	
11a	6Mbps	2	6515	16.33	16.33	18.93	18.83	

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6435	0.24	0.25	8.19	8.37	11.29	-6.30		4.99	24.00	Pass
11a	6Mbps	2	6475	0.24	0.25	8.73	9.02	11.88	-6.30		5.58	24.00	Pass
11a	6Mbps	2	6515	0.24	0.25	9.08	8.79	11.94	-6.30		5.64	24.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	097	6435	0.24	0.25			1.59	-3.68		-2.09	-1.00	Pass
11a	6Mbps	2	105	6475	0.24	0.25			1.68	-3.68		-2.00	-1.00	Pass
11a	6Mbps	2	113	6515	0.24	0.25			1.64	-3.68		-2.04	-1.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 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	16.28	16.28	18.68	18.83	
11a	6Mbps	2	6695	16.28	16.28	18.88	18.98	
11a	6Mbps	2	6855	16.33	16.33	18.83	18.83	

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6535	0.24	0.25	8.07	8.16	11.12	-6.10		5.02	24.00	Pass
11a	6Mbps	2	6695	0.24	0.25	7.29	8.63	11.02	-6.10		4.92	24.00	Pass
11a	6Mbps	2	6855	0.24	0.25	7.98	8.12	11.06	-6.10		4.96	24.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	117	6535	0.24	0.25			1.47	-3.48		-2.01	-1.00	Pass
11a	6Mbps	2	149	6695	0.24	0.25			1.46	-3.48		-2.03	-1.00	Pass
11a	6Mbps	2	149	6855	0.24	0.25			1.31	-3.48		-2.17	-1.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 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	6875	16.33	16.28	18.58	18.73	
11a	6Mbps	2	6895	16.33	16.28	18.58	18.78	
11a	6Mbps	2	6995	16.28	16.28	18.63	18.48	
11a	6Mbps	2	7095	16.28	16.33	18.73	18.73	

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6875	0.24	0.25	10.29	8.34	12.44	-6.90		5.54	24.00	Pass
11a	6Mbps	2	6895	0.24	0.25	8.16	8.98	11.60	-6.90		4.70	24.00	Pass
11a	6Mbps	2	6995	0.24	0.25	9.08	9.17	12.13	-6.90		5.23	24.00	Pass
11a	6Mbps	2	7095	0.24	0.25	8.97	9.37	12.18	-6.90		5.28	24.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	185	6875	0.24	0.25			2.00	-4.28		-2.28	-1.00	Pass
11a	6Mbps	2	189	6895	0.24	0.25			2.09	-4.28		-2.19	-1.00	Pass
11a	6Mbps	2	209	6995	0.24	0.25			1.85	-4.28		-2.43	-1.00	Pass
11a	6Mbps	2	229	7095	0.24	0.25			2.19	-4.28		-2.10	-1.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
26dB and 99% OBW

U-NII-5 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	18.78	18.78	20.68	20.63	
HE20	MCS0	2	6175	Full	16.68	16.63	20.13	20.48	
HE20	MCS0	2	6415	Full	16.68	16.68	20.58	20.73	
HE40	MCS0	2	5965	Full	37.66	37.66	40.01	40.10	
HE40	MCS0	2	6165	Full	37.76	37.66	40.19	40.19	
HE40	MCS0	2	6405	Full	37.66	37.76	40.19	40.10	
HE80	MCS0	2	5985	Full	76.72	76.72	81.68	81.68	
HE80	MCS0	2	6145	Full	76.72	76.72	81.52	81.36	
HE80	MCS0	2	6385	Full	76.84	76.84	81.36	81.52	
HE160	MCS0	2	6025	Full	155.60	155.60	164.96	165.59	
HE160	MCS0	2	6185	Full	155.84	156.08	166.23	164.64	
HE160	MCS0	2	6345	Full	155.84	155.60	165.27	164.96	

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	5955	Full	0.24	0.26	7.38	7.80	10.60	-5.20		5.40	24.00	Pass
HE20	MCS0	2	5955	26/0	0.24	0.26	-0.85	-0.63	2.27	-5.20		-2.93	24.00	Pass
HE20	MCS0	2	5955	52/37	0.24	0.26	2.55	2.88	5.73	-5.20		0.53	24.00	Pass
HE20	MCS0	2	5955	106/53	0.24	0.26	5.03	5.01	8.03	-5.20		2.83	24.00	Pass
HE20	MCS0	2	6175	Full	0.24	0.26	8.13	7.89	11.02	-5.20		5.82	24.00	Pass
HE20	MCS0	2	6175	26/4	0.24	0.26	1.12	0.83	3.98	-5.20		-1.22	24.00	Pass
HE20	MCS0	2	6175	52/39	0.24	0.26	2.71	2.90	5.81	-5.20		0.61	24.00	Pass
HE20	MCS0	2	6175	106/53	0.24	0.26	5.37	4.96	8.18	-5.20		2.98	24.00	Pass
HE20	MCS0	2	6415	Full	0.24	0.26	7.55	7.72	10.64	-5.20		5.44	24.00	Pass
HE20	MCS0	2	6415	26/8	0.24	0.26	0.35	0.75	3.56	-5.20		-1.64	24.00	Pass
HE20	MCS0	2	6415	52/40	0.24	0.26	3.56	3.80	6.69	-5.20		1.49	24.00	Pass
HE20	MCS0	2	6415	106/54	0.24	0.26	5.58	5.89	8.74	-5.20		3.54	24.00	Pass
HE40	MCS0	2	5965	Full	0.28	0.28	10.41	11.09	13.77	-5.20		8.57	24.00	Pass
HE40	MCS0	2	5965	242/61	0.28	0.28	8.42	8.99	11.72	-5.20		6.52	24.00	Pass
HE40	MCS0	2	6165	Full	0.28	0.28	11.24	10.31	13.81	-5.20		8.61	24.00	Pass
HE40	MCS0	2	6165	242/61	0.28	0.28	9.77	8.83	12.34	-5.20		7.14	24.00	Pass
HE40	MCS0	2	6405	Full	0.28	0.28	11.36	10.81	14.10	-5.20		8.90	24.00	Pass
HE40	MCS0	2	6405	242/62	0.28	0.28	9.43	9.14	12.30	-5.20		7.10	24.00	Pass
HE80	MCS0	2	5985	Full	0.29	0.29	12.60	12.83	15.72	-5.20		10.52	24.00	Pass
HE80	MCS0	2	5985	484/65	0.29	0.29	12.23	12.19	15.22	-5.20		10.02	24.00	Pass
HE80	MCS0	2	6145	Full	0.29	0.29	12.58	12.88	15.74	-5.20		10.54	24.00	Pass
HE80	MCS0	2	6145	484/65	0.29	0.29	11.67	11.97	14.83	-5.20		9.63	24.00	Pass
HE80	MCS0	2	6385	Full	0.29	0.29	12.52	12.97	15.76	-5.20		10.56	24.00	Pass
HE80	MCS0	2	6385	484/66	0.29	0.29	11.96	11.25	14.63	-5.20		9.43	24.00	Pass
HE160	MCS0	2	6025	Full	0.31	0.28	12.03	11.69	14.87	-5.20		9.67	24.00	Pass
HE160	MCS0	2	6025	996/67	0.31	0.28	10.85	10.37	13.63	-5.20		8.43	24.00	Pass
HE160	MCS0	2	6185	Full	0.31	0.28	12.28	11.47	14.90	-5.20		9.70	24.00	Pass
HE160	MCS0	2	6185	996/67	0.31	0.28	11.32	10.79	14.07	-5.20		8.87	24.00	Pass
HE160	MCS0	2	6345	Full	0.31	0.28	14.99	14.16	17.61	-5.20		12.41	24.00	Pass
HE160	MCS0	2	6345	996/S67	0.31	0.28	12.88	13.13	16.02	-5.20		10.82	24.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-5 MIMO															
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	5955	Full	0.24	0.26			0.38	-2.44		-2.06	-1.00	Pass
HE20	MCS0	2	5955	26/0	0.24	0.26			-1.10	-2.44		-3.54	-1.00	Pass
HE20	MCS0	2	5955	52/37	0.24	0.26			-0.11	-2.44		-2.55	-1.00	Pass
HE20	MCS0	2	5955	106/53	0.24	0.26			-0.01	-2.44		-2.45	-1.00	Pass
HE20	MCS0	2	6175	Full	0.24	0.26			0.38	-2.44		-2.06	-1.00	Pass
HE20	MCS0	2	6175	26/4	0.24	0.26			-0.04	-2.44		-2.47	-1.00	Pass
HE20	MCS0	2	6175	52/39	0.24	0.26			-0.15	-2.44		-2.59	-1.00	Pass
HE20	MCS0	2	6175	106/53	0.24	0.26			0.00	-2.44		-2.44	-1.00	Pass
HE20	MCS0	2	6415	Full	0.24	0.26			0.04	-2.44		-2.40	-1.00	Pass
HE20	MCS0	2	6415	26/8	0.24	0.26			-0.35	-2.44		-2.78	-1.00	Pass
HE20	MCS0	2	6415	52/40	0.24	0.26			-0.13	-2.44		-2.56	-1.00	Pass
HE20	MCS0	2	6415	106/54	0.24	0.26			-0.36	-2.44		-2.80	-1.00	Pass
HE40	MCS0	2	5965	Full	0.28	0.28			0.24	-2.44		-2.19	-1.00	Pass
HE40	MCS0	2	5965	242/61	0.28	0.28			-0.32	-2.44		-2.76	-1.00	Pass
HE40	MCS0	2	6165	Full	0.28	0.28			0.24	-2.44		-2.20	-1.00	Pass
HE40	MCS0	2	6165	242/61	0.28	0.28			0.23	-2.44		-2.21	-1.00	Pass
HE40	MCS0	2	6405	Full	0.28	0.28			0.12	-2.44		-2.32	-1.00	Pass
HE40	MCS0	2	6405	242/62	0.28	0.28			-0.20	-2.44		-2.64	-1.00	Pass
HE80	MCS0	2	5985	Full	0.29	0.29			0.07	-2.44		-2.37	-1.00	Pass
HE80	MCS0	2	5985	484/65	0.29	0.29			0.04	-2.44		-2.40	-1.00	Pass
HE80	MCS0	2	6145	Full	0.29	0.29			-0.11	-2.44		-2.54	-1.00	Pass
HE80	MCS0	2	6145	484/65	0.29	0.29			-0.45	-2.44		-2.89	-1.00	Pass
HE80	MCS0	2	6385	Full	0.29	0.29			-0.19	-2.44		-2.63	-1.00	Pass
HE80	MCS0	2	6385	484/66	0.29	0.29			-0.66	-2.44		-3.10	-1.00	Pass
HE160	MCS0	2	6025	Full	0.31	0.28			-2.92	-2.44		-5.36	-1.00	Pass
HE160	MCS0	2	6025	996/67	0.31	0.28			-3.06	-2.44		-5.50	-1.00	Pass
HE160	MCS0	2	6185	Full	0.31	0.28			-2.71	-2.44		-5.15	-1.00	Pass
HE160	MCS0	2	6185	996/67	0.31	0.28			-2.86	-2.44		-5.29	-1.00	Pass
HE160	MCS0	2	6345	Full	0.31	0.28			-1.55	-2.44		-3.99	-1.00	Pass
HE160	MCS0	2	6345	996/S67	0.31	0.28			-1.96	-2.44		-4.39	-1.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
26dB and 99% OBW

U-NII-6 MIMO									
Mod.	Data Rate	N_{TX}	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	16.68	16.68	20.88	20.48	
HE20	MCS0	2	6475	Full	16.73	16.73	21.08	20.98	
HE20	MCS0	2	6515	Full	16.68	16.73	20.63	20.68	
HE40	MCS0	2	6445	Full	37.76	37.66	40.19	40.28	
HE40	MCS0	2	6485	Full	37.66	37.66	40.19	40.19	
HE40	MCS0	2	6525	Full	37.76	37.66	40.37	40.37	
HE80	MCS0	2	6465	Full	76.96	76.96	82.64	82.32	
HE80	MCS0	2	6545	Full	76.84	76.84	81.52	81.52	
HE160	MCS0	2	6505	Full	156.08	156.08	166.23	165.91	

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Table

U-NII-6 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	097	6435	Full	0.24	0.26	9.29	9.22	12.26	-6.30		5.96	24.00	Pass
HE20	MCS0	2	097	6435	26/0	0.24	0.26	1.39	1.43	4.42	-6.30		-1.88	24.00	Pass
HE20	MCS0	2	097	6435	52/37	0.24	0.26	4.63	5.09	7.87	-6.30		1.57	24.00	Pass
HE20	MCS0	2	097	6435	106/53	0.24	0.26	7.40	6.41	9.94	-6.30		3.64	24.00	Pass
HE20	MCS0	2	105	6475	Full	0.24	0.26	9.69	10.07	12.89	-6.30		6.59	24.00	Pass
HE20	MCS0	2	105	6475	26/4	0.24	0.26	2.26	1.78	5.03	-6.30		-1.27	24.00	Pass
HE20	MCS0	2	105	6475	52/39	0.24	0.26	4.74	4.44	7.60	-6.30		1.30	24.00	Pass
HE20	MCS0	2	105	6475	106/54	0.24	0.26	6.78	7.17	9.99	-6.30		3.69	24.00	Pass
HE20	MCS0	2	113	6515	Full	0.24	0.26	9.99	9.62	12.82	-6.30		6.52	24.00	Pass
HE20	MCS0	2	113	6515	26/8	0.24	0.26	2.40	3.04	5.74	-6.30		-0.56	24.00	Pass
HE20	MCS0	2	113	6515	52/40	0.24	0.26	4.96	5.35	8.17	-6.30		1.87	24.00	Pass
HE20	MCS0	2	113	6515	106/54	0.24	0.26	7.93	6.84	10.43	-6.30		4.13	24.00	Pass
HE40	MCS0	2	099	6445	Full	0.28	0.28	12.31	12.51	15.42	-6.30		9.12	24.00	Pass
HE40	MCS0	2	099	6445	242/61	0.28	0.28	10.84	10.06	13.48	-6.30		7.18	24.00	Pass
HE40	MCS0	2	107	6485	Full	0.28	0.28	12.60	12.40	15.51	-6.30		9.21	24.00	Pass
HE40	MCS0	2	107	6485	242/62	0.28	0.28	10.05	9.96	13.02	-6.30		6.72	24.00	Pass
HE40	MCS0	2	115	6525	Full	0.28	0.28	12.63	11.87	15.28	-6.30		8.98	24.00	Pass
HE40	MCS0	2	115	6525	242/62	0.28	0.28	11.23	10.51	13.90	-6.30		7.60	24.00	Pass
HE80	MCS0	2	103	6465	Full	0.29	0.29	14.12	14.60	17.38	-6.30		11.08	24.00	Pass
HE80	MCS0	2	103	6465	484/65	0.29	0.29	14.15	14.47	17.32	-6.30		11.02	24.00	Pass
HE80	MCS0	2	119	6545	Full	0.29	0.29	14.25	14.47	17.37	-6.30		11.07	24.00	Pass
HE80	MCS0	2	119	6545	484/66	0.29	0.29	14.30	13.60	16.97	-6.30		10.67	24.00	Pass
HE160	MCS0	2	111	6505	Full	0.00	0.00	14.74	14.36	17.57	-6.30		11.27	24.00	Pass
HE160	MCS0	2	111	6505	996/67	0.00	0.00	13.03	13.40	16.23	-6.30		9.93	24.00	Pass
HE160	MCS0	2	111	6505	996/S67	0.00	0.00	13.67	13.12	16.41	-6.30		10.11	24.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-6 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6435	Full	0.24	0.26			1.19	-3.68		-2.49	-1.00	Pass
HE20	MCS0	2	6435	26/0	0.24	0.26			0.70	-3.68		-2.98	-1.00	Pass
HE20	MCS0	2	6435	52/37	0.24	0.26			1.06	-3.68		-2.63	-1.00	Pass
HE20	MCS0	2	6435	106/53	0.24	0.26			0.71	-3.68		-2.97	-1.00	Pass
HE20	MCS0	2	6475	Full	0.24	0.26			1.50	-3.68		-2.18	-1.00	Pass
HE20	MCS0	2	6475	26/4	0.24	0.26			1.18	-3.68		-2.50	-1.00	Pass
HE20	MCS0	2	6475	52/39	0.24	0.26			1.05	-3.68		-2.63	-1.00	Pass
HE20	MCS0	2	6475	106/54	0.24	0.26			0.96	-3.68		-2.72	-1.00	Pass
HE20	MCS0	2	6515	Full	0.24	0.26			1.35	-3.68		-2.33	-1.00	Pass
HE20	MCS0	2	6515	26/8	0.24	0.26			1.10	-3.68		-2.58	-1.00	Pass
HE20	MCS0	2	6515	52/40	0.24	0.26			0.85	-3.68		-2.84	-1.00	Pass
HE20	MCS0	2	6515	106/54	0.24	0.26			0.84	-3.68		-2.84	-1.00	Pass
HE40	MCS0	2	6445	Full	0.28	0.28			1.26	-3.68		-2.42	-1.00	Pass
HE40	MCS0	2	6445	242/61	0.28	0.28			0.21	-3.68		-3.47	-1.00	Pass
HE40	MCS0	2	6485	Full	0.28	0.28			1.49	-3.68		-2.19	-1.00	Pass
HE40	MCS0	2	6485	242/62	0.28	0.28			0.84	-3.68		-2.84	-1.00	Pass
HE40	MCS0	2	6525	Full	0.28	0.28			1.16	-3.68		-2.52	-1.00	Pass
HE40	MCS0	2	6525	242/62	0.28	0.28			0.55	-3.68		-3.13	-1.00	Pass
HE80	MCS0	2	6465	Full	0.29	0.29			1.25	-3.68		-2.43	-1.00	Pass
HE80	MCS0	2	6465	484/65	0.29	0.29			1.04	-3.68		-2.64	-1.00	Pass
HE80	MCS0	2	6545	Full	0.29	0.29			1.07	-3.68		-2.61	-1.00	Pass
HE80	MCS0	2	6545	484/66	0.29	0.29			0.71	-3.68		-2.97	-1.00	Pass
HE160	MCS0	2	6505	Full	0.31	0.28			-1.10	-3.68		-4.78	-1.00	Pass
HE160	MCS0	2	6505	996/67	0.31	0.28			-1.42	-3.68		-5.10	-1.00	Pass
HE160	MCS0	2	6505	996/S67	0.31	0.28			-1.60	-3.68		-5.28	-1.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
26dB and 99% OBW

U-NII-7 MIMO									
Mod.	Data Rate	N_{TX}	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	16.68	16.73	20.73	20.48	
HE20	MCS0	2	6695	Full	16.68	16.73	20.33	20.68	
HE20	MCS0	2	6855	Full	16.73	16.73	20.38	20.48	
HE40	MCS0	2	6565	Full	37.76	37.66	40.10	40.19	
HE40	MCS0	2	6685	Full	37.66	37.76	40.55	40.46	
HE40	MCS0	2	6845	Full	37.66	37.76	40.10	40.01	
HE80	MCS0	2	6625	Full	76.96	76.96	81.68	82.00	
HE80	MCS0	2	6705	Full	76.72	76.84	82.64	81.84	
HE80	MCS0	2	6785	Full	77.08	77.08	82.00	82.32	
HE80	MCS0	2	6865	Full	76.84	76.84	81.20	81.84	
HE160	MCS0	2	6665	Full	155.36	155.36	164.32	164.32	
HE160	MCS0	2	6825	Full	156.08	156.32	167.51	163.68	

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Table

U-NII-7 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6535	Full	0.24	0.26	10.12	9.42	12.79	-6.10		6.69	24.00	Pass
HE20	MCS0	2	6535	26/0	0.24	0.26	1.19	1.01	4.11	-6.10		-1.99	24.00	Pass
HE20	MCS0	2	6535	52/37	0.24	0.26	4.98	5.39	8.20	-6.10		2.10	24.00	Pass
HE20	MCS0	2	6535	106/53	0.24	0.26	7.69	7.19	10.45	-6.10		4.35	24.00	Pass
HE20	MCS0	2	6695	Full	0.24	0.26	9.72	10.37	13.06	-6.10		6.96	24.00	Pass
HE20	MCS0	2	6695	26/4	0.24	0.26	2.46	3.13	5.82	-6.10		-0.28	24.00	Pass
HE20	MCS0	2	6695	52/38	0.24	0.26	5.02	5.61	8.33	-6.10		2.23	24.00	Pass
HE20	MCS0	2	6695	106/53	0.24	0.26	7.96	6.64	10.36	-6.10		4.26	24.00	Pass
HE20	MCS0	2	6855	Full	0.24	0.26	10.00	9.87	12.94	-6.10		6.84	24.00	Pass
HE20	MCS0	2	6855	26/8	0.24	0.26	1.37	1.80	4.60	-6.10		-1.50	24.00	Pass
HE20	MCS0	2	6855	52/40	0.24	0.26	4.39	4.94	7.68	-6.10		1.58	24.00	Pass
HE20	MCS0	2	6855	106/54	0.24	0.26	6.32	7.09	9.73	-6.10		3.63	24.00	Pass
HE40	MCS0	2	6565	Full	0.00	0.00	12.41	11.84	15.14	-6.10		9.04	24.00	Pass
HE40	MCS0	2	6565	242/61	0.00	0.00	11.38	12.15	14.79	-6.10		8.69	24.00	Pass
HE40	MCS0	2	6685	Full	0.00	0.00	11.89	12.33	15.13	-6.10		9.03	24.00	Pass
HE40	MCS0	2	6685	242/61	0.00	0.00	11.55	10.04	13.87	-6.10		7.77	24.00	Pass
HE40	MCS0	2	6845	Full	0.00	0.00	12.53	11.30	14.97	-6.10		8.87	24.00	Pass
HE40	MCS0	2	6845	242/62	0.00	0.00	9.68	10.25	12.98	-6.10		6.88	24.00	Pass
HE80	MCS0	2	6625	Full	0.00	0.00	14.76	14.67	17.72	-6.10		11.62	24.00	Pass
HE80	MCS0	2	6625	484/65	0.00	0.00	14.12	14.67	17.41	-6.10		11.31	24.00	Pass
HE80	MCS0	2	6705	Full	0.00	0.00	14.35	15.40	17.92	-6.10		11.82	24.00	Pass
HE80	MCS0	2	6705	484/65	0.00	0.00	14.20	14.42	17.32	-6.10		11.22	24.00	Pass
HE80	MCS0	2	6785	Full	0.00	0.00	14.82	14.37	17.61	-6.10		11.51	24.00	Pass
HE80	MCS0	2	6785	484/66	0.00	0.00	14.05	13.27	16.69	-6.10		10.59	24.00	Pass
HE80	MCS0	2	6865	Full	0.00	0.00	14.60	14.56	17.59	-6.10		11.49	24.00	Pass
HE80	MCS0	2	6865	484/66	0.00	0.00	13.15	13.64	16.41	-6.10		10.31	24.00	Pass
HE160	MCS0	2	6665	Full	0.00	0.00	13.69	14.40	17.07	-6.10		10.97	24.00	Pass
HE160	MCS0	2	6665	996/67	0.00	0.00	12.49	13.24	15.89	-6.10		9.79	24.00	Pass
HE160	MCS0	2	6825	Full	0.00	0.00	14.47	13.67	17.10	-6.10		11.00	24.00	Pass
HE160	MCS0	2	6825	996/67	0.00	0.00	13.18	11.95	15.62	-6.10		9.52	24.00	Pass
HE160	MCS0	2	6826	996/S67	0.00	0.00	13.16	12.61	15.90	-6.10		9.80	24.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-7 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6535	Full	0.24	0.26			1.10	-3.48		-2.38	-1.00	Pass
HE20	MCS0	2	6535	26/0	0.24	0.26			0.81	-3.48		-2.67	-1.00	Pass
HE20	MCS0	2	6535	52/37	0.24	0.26			1.00	-3.48		-2.48	-1.00	Pass
HE20	MCS0	2	6535	106/53	0.24	0.26			0.71	-3.48		-2.77	-1.00	Pass
HE20	MCS0	2	6695	Full	0.24	0.26			1.48	-3.48		-2.01	-1.00	Pass
HE20	MCS0	2	6695	26/4	0.24	0.26			1.22	-3.48		-2.26	-1.00	Pass
HE20	MCS0	2	6695	52/38	0.24	0.26			1.22	-3.48		-2.26	-1.00	Pass
HE20	MCS0	2	6695	106/53	0.24	0.26			1.08	-3.48		-2.40	-1.00	Pass
HE20	MCS0	2	6855	Full	0.24	0.26			1.08	-3.48		-2.40	-1.00	Pass
HE20	MCS0	2	6855	26/8	0.24	0.26			0.90	-3.48		-2.58	-1.00	Pass
HE20	MCS0	2	6855	52/40	0.24	0.26			0.98	-3.48		-2.50	-1.00	Pass
HE20	MCS0	2	6855	106/54	0.24	0.26			0.65	-3.48		-2.83	-1.00	Pass
HE40	MCS0	2	6565	Full	0.28	0.28			1.36	-3.48		-2.12	-1.00	Pass
HE40	MCS0	2	6565	242/61	0.28	0.28			1.21	-3.48		-2.27	-1.00	Pass
HE40	MCS0	2	6685	Full	0.28	0.28			1.32	-3.48		-2.16	-1.00	Pass
HE40	MCS0	2	6685	242/61	0.28	0.28			0.82	-3.48		-2.66	-1.00	Pass
HE40	MCS0	2	6845	Full	0.28	0.28			0.87	-3.48		-2.61	-1.00	Pass
HE40	MCS0	2	6845	242/62	0.28	0.28			0.27	-3.48		-3.21	-1.00	Pass
HE80	MCS0	2	6625	Full	0.29	0.29			1.12	-3.48		-2.36	-1.00	Pass
HE80	MCS0	2	6625	484/65	0.29	0.29			1.11	-3.48		-2.37	-1.00	Pass
HE80	MCS0	2	6705	Full	0.29	0.29			1.19	-3.48		-2.29	-1.00	Pass
HE80	MCS0	2	6705	484/65	0.29	0.29			0.94	-3.48		-2.54	-1.00	Pass
HE80	MCS0	2	6785	Full	0.29	0.29			0.83	-3.48		-2.65	-1.00	Pass
HE80	MCS0	2	6785	484/66	0.29	0.29			0.79	-3.48		-2.69	-1.00	Pass
HE80	MCS0	2	6865	Full	0.29	0.29			1.08	-3.48		-2.40	-1.00	Pass
HE80	MCS0	2	6865	484/66	0.29	0.29			0.13	-3.48		-3.35	-1.00	Pass
HE160	MCS0	2	6665	Full	0.31	0.28			-1.50	-3.48		-4.98	-1.00	Pass
HE160	MCS0	2	6665	996/67	0.31	0.28			-1.82	-3.48		-5.30	-1.00	Pass
HE160	MCS0	2	6825	Full	0.31	0.28			-1.80	-3.48		-5.28	-1.00	Pass
HE160	MCS0	2	6825	996/67	0.31	0.28			-2.14	-3.48		-5.62	-1.00	Pass
HE160	MCS0	2	6826	996/S67	0.31	0.28			-2.53	-3.48		-6.01	-1.00	Pass

Report Number : FR1D2901G

TEST RESULTS DATA
26dB EBW and 99% OBW

U-NII-8 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	6875	Full	16.68	16.68	20.53	20.18	
HE20	MCS0	2	6895	Full	16.68	16.60	20.48	20.28	
HE20	MCS0	2	6995	Full	16.73	16.63	19.98	19.83	
HE20	MCS0	2	7095	Full	16.68	16.68	20.43	20.08	
HE40	MCS0	2	6885	Full	37.76	37.76	40.10	40.01	
HE40	MCS0	2	6925	Full	37.76	37.76	40.01	40.19	
HE40	MCS0	2	6965	Full	37.56	37.66	40.10	40.10	
HE40	MCS0	2	7085	Full	37.66	37.66	40.10	40.10	
HE80	MCS0	2	6945	Full	76.84	76.84	80.88	81.68	
HE80	MCS0	2	7025	Full	76.84	76.82	81.04	81.04	
HE160	MCS0	2	6985	Full	155.36	154.89	163.36	164.32	

Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Table

U-NII-8 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6875	Full	0.24	0.26	10.35	10.64	13.50	-6.90		6.60	24.00	Pass
HE20	MCS0	2	6875	26/0	0.24	0.26	1.86	2.37	5.13	-6.90		-1.77	24.00	Pass
HE20	MCS0	2	6875	52/37	0.24	0.26	4.94	5.70	8.34	-6.90		1.44	24.00	Pass
HE20	MCS0	2	6875	106/53	0.24	0.26	8.52	7.57	11.08	-6.90		4.18	24.00	Pass
HE20	MCS0	2	6895	Full	0.24	0.26	10.22	11.03	13.65	-6.90		6.75	24.00	Pass
HE20	MCS0	2	6895	26/0	0.24	0.26	1.82	2.43	5.14	-6.90		-1.76	24.00	Pass
HE20	MCS0	2	6895	52/37	0.24	0.26	5.36	6.23	8.82	-6.90		1.92	24.00	Pass
HE20	MCS0	2	6895	106/53	0.24	0.26	9.02	7.75	11.44	-6.90		4.54	24.00	Pass
HE20	MCS0	2	6995	Full	0.24	0.26	10.80	10.90	13.86	-6.90		6.96	24.00	Pass
HE20	MCS0	2	6995	26/4	0.24	0.26	4.11	3.61	6.87	-6.90		-0.03	24.00	Pass
HE20	MCS0	2	6995	52/38	0.24	0.26	5.93	5.88	8.91	-6.90		2.01	24.00	Pass
HE20	MCS0	2	6995	106/53	0.24	0.26	8.02	8.49	11.27	-6.90		4.37	24.00	Pass
HE20	MCS0	2	7095	Full	0.24	0.26	10.48	10.98	13.74	-6.90		6.84	24.00	Pass
HE20	MCS0	2	7095	26/8	0.24	0.26	2.26	2.83	5.56	-6.90		-1.34	24.00	Pass
HE20	MCS0	2	7095	52/40	0.24	0.26	4.98	5.33	8.17	-6.90		1.27	24.00	Pass
HE20	MCS0	2	7095	106/54	0.24	0.26	8.53	7.88	11.22	-6.90		4.32	24.00	Pass
HE40	MCS0	2	6885	Full	0.00	0.00	12.46	12.93	15.71	-6.90		8.81	24.00	Pass
HE40	MCS0	2	6885	242/61	0.00	0.00	11.51	11.07	14.31	-6.90		7.41	24.00	Pass
HE40	MCS0	2	6925	Full	0.00	0.00	13.26	12.26	15.80	-6.90		8.90	24.00	Pass
HE40	MCS0	2	6925	242/61	0.00	0.00	11.10	12.06	14.62	-6.90		7.72	24.00	Pass
HE40	MCS0	2	6965	Full	0.00	0.00	13.23	12.90	16.08	-6.90		9.18	24.00	Pass
HE40	MCS0	2	6965	242/62	0.00	0.00	11.22	11.88	14.57	-6.90		7.67	24.00	Pass
HE40	MCS0	2	7085	Full	0.00	0.00	12.65	13.15	15.92	-6.90		9.02	24.00	Pass
HE40	MCS0	2	7085	242/62	0.00	0.00	11.06	10.51	13.80	-6.90		6.90	24.00	Pass
HE80	MCS0	2	6945	Full	0.00	0.00	14.92	14.72	17.83	-6.90		10.93	24.00	Pass
HE80	MCS0	2	6945	484/65	0.00	0.00	13.97	13.35	16.68	-6.90		9.78	24.00	Pass
HE80	MCS0	2	7025	Full	0.00	0.00	14.36	14.61	17.50	-6.90		10.60	24.00	Pass
HE80	MCS0	2	7025	484/66	0.00	0.00	13.32	13.67	16.51	-6.90		9.61	24.00	Pass
HE160	MCS0	2	6985	Full	0.00	0.00	14.09	13.74	16.93	-6.90		10.03	24.00	Pass
HE160	MCS0	2	6985	996/67	0.00	0.00	13.07	12.10	15.62	-6.90		8.72	24.00	Pass
HE160	MCS0	2	6985	996/S67	0.00	0.00	12.82	12.05	15.46	-6.90		8.56	24.00	Pass

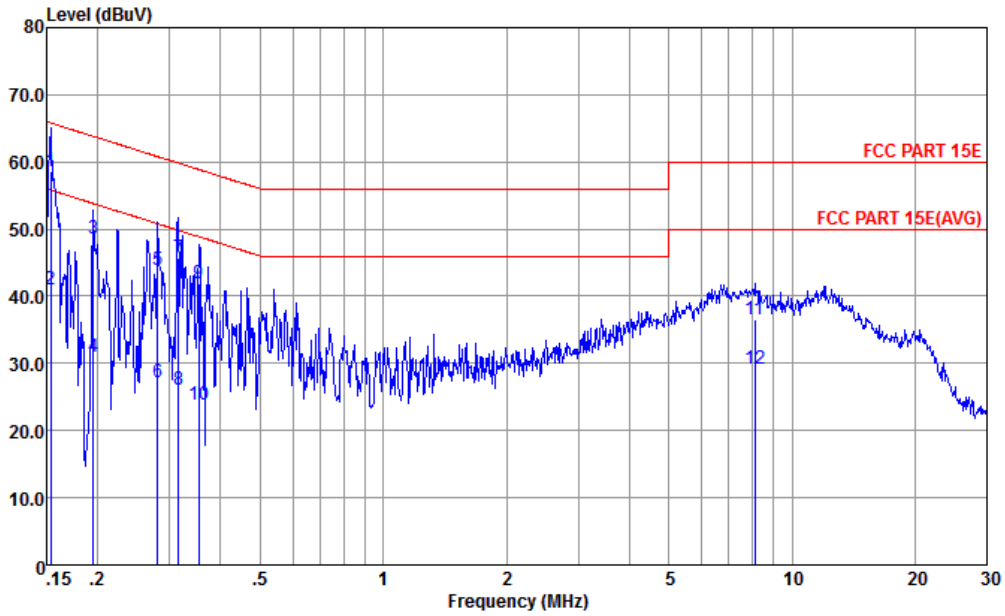
Report Number : FR1D2901G

TEST RESULTS DATA
EIRP Power Spectral Density

U-NII-8 MIMO														
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power Density with Duty Factor (dBm/MHz)			DG (dBi)		EIRP Power Density (dBm/MHz)	EIRP Power Density Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6875	Full	0.24	0.26			2.13	-4.28		-2.15	-1.00	Pass
HE20	MCS0	2	6875	26/0	0.24	0.26			1.69	-4.28		-2.59	-1.00	Pass
HE20	MCS0	2	6875	52/37	0.24	0.26			1.97	-4.28		-2.31	-1.00	Pass
HE20	MCS0	2	6875	106/53	0.24	0.26			1.82	-4.28		-2.46	-1.00	Pass
HE20	MCS0	2	6895	Full	0.24	0.26			2.09	-4.28		-2.19	-1.00	Pass
HE20	MCS0	2	6895	26/0	0.24	0.26			1.81	-4.28		-2.47	-1.00	Pass
HE20	MCS0	2	6895	52/37	0.24	0.26			1.95	-4.28		-2.33	-1.00	Pass
HE20	MCS0	2	6895	106/53	0.24	0.26			1.95	-4.28		-2.33	-1.00	Pass
HE20	MCS0	2	6995	Full	0.24	0.26			2.07	-4.28		-2.21	-1.00	Pass
HE20	MCS0	2	6995	26/4	0.24	0.26			1.63	-4.28		-2.65	-1.00	Pass
HE20	MCS0	2	6995	52/38	0.24	0.26			1.78	-4.28		-2.50	-1.00	Pass
HE20	MCS0	2	6995	106/53	0.24	0.26			1.55	-4.28		-2.73	-1.00	Pass
HE20	MCS0	2	7095	Full	0.24	0.26			2.24	-4.28		-2.04	-1.00	Pass
HE20	MCS0	2	7095	26/8	0.24	0.26			2.13	-4.28		-2.15	-1.00	Pass
HE20	MCS0	2	7095	52/40	0.24	0.26			1.84	-4.28		-2.44	-1.00	Pass
HE20	MCS0	2	7095	106/54	0.24	0.26			2.08	-4.28		-2.20	-1.00	Pass
HE40	MCS0	2	6885	Full	0.28	0.28			1.64	-4.28		-2.64	-1.00	Pass
HE40	MCS0	2	6885	242/61	0.28	0.28			1.43	-4.28		-2.85	-1.00	Pass
HE40	MCS0	2	6925	Full	0.28	0.28			1.77	-4.28		-2.52	-1.00	Pass
HE40	MCS0	2	6925	242/61	0.28	0.28			1.69	-4.28		-2.59	-1.00	Pass
HE40	MCS0	2	6965	Full	0.28	0.28			1.67	-4.28		-2.61	-1.00	Pass
HE40	MCS0	2	6965	242/62	0.28	0.28			1.53	-4.28		-2.75	-1.00	Pass
HE40	MCS0	2	7085	Full	0.28	0.28			1.65	-4.28		-2.63	-1.00	Pass
HE40	MCS0	2	7085	242/62	0.28	0.28			1.23	-4.28		-3.05	-1.00	Pass
HE80	MCS0	2	6945	Full	0.29	0.29			1.08	-4.28		-3.20	-1.00	Pass
HE80	MCS0	2	6945	484/65	0.29	0.29			0.55	-4.28		-3.73	-1.00	Pass
HE80	MCS0	2	7025	Full	0.29	0.29			1.16	-4.28		-3.12	-1.00	Pass
HE80	MCS0	2	7025	484/66	0.29	0.29			0.83	-4.28		-3.45	-1.00	Pass
HE160	MCS0	2	6985	Full	0.31	0.28			-1.98	-4.28		-6.26	-1.00	Pass
HE160	MCS0	2	6985	996/67	0.31	0.28			-2.32	-4.28		-6.60	-1.00	Pass
HE160	MCS0	2	6985	996/S67	0.31	0.28			-2.42	-4.28		-6.70	-1.00	Pass

Appendix B. AC Conducted Emission Test Results

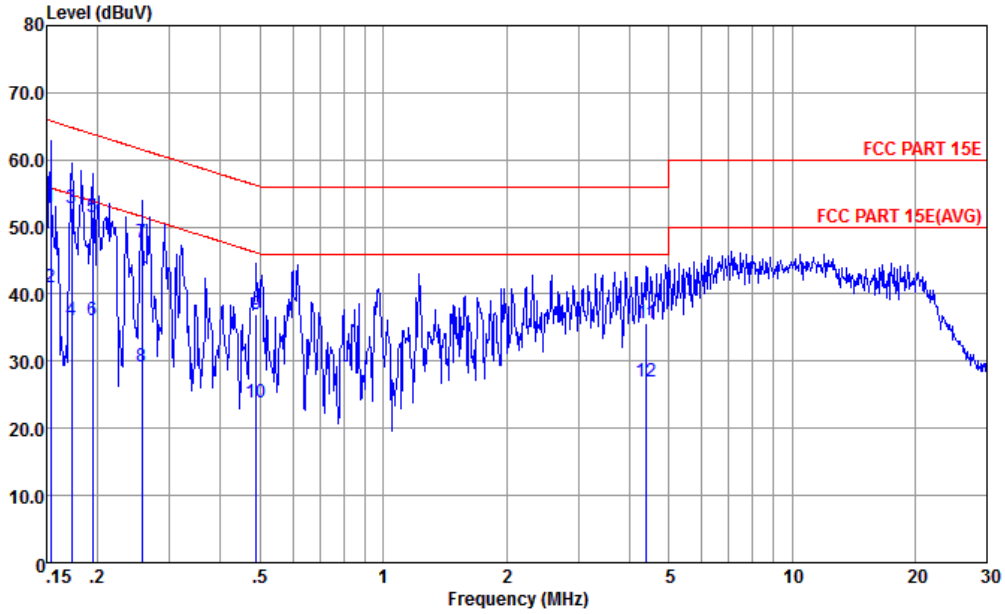
Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC PART 15E LISN-060105-L LINE

	Freq MHz	Level dBuV	Over Limit dB	Limit Line dBuV	Read Level dBuV	LISN Factor dB	Cable Loss dB	Remark
1 *	0.153	58.59	-7.23	65.82	48.10	0.02	10.47	QP
2	0.153	41.09	-14.73	55.82	30.60	0.02	10.47	Average
3	0.195	48.61	-15.19	63.80	38.20	0.04	10.37	QP
4	0.195	31.01	-22.79	53.80	20.60	0.04	10.37	Average
5	0.280	43.98	-16.83	60.81	33.59	0.07	10.32	QP
6	0.280	27.18	-23.63	50.81	16.79	0.07	10.32	Average
7	0.315	45.57	-14.27	59.84	35.20	0.07	10.30	QP
8	0.315	25.97	-23.87	49.84	15.60	0.07	10.30	Average
9	0.354	41.86	-17.01	58.87	31.50	0.08	10.28	QP
10	0.354	23.86	-25.01	48.87	13.50	0.08	10.28	Average
11	8.105	36.62	-23.38	60.00	26.10	0.20	10.32	QP
12	8.105	29.12	-20.88	50.00	18.60	0.20	10.32	Average

Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC PART 15E LISN-060105-N NEUTRAL

		Freq MHz	Level dBuV	Over Limit dB	Limit Line dBuV	Read Level dBuV	LISN Factor dB	Cable Loss dB	Remark
1		0.153	53.08	-12.74	65.82	42.50	0.11	10.47	QP
2		0.153	41.08	-14.74	55.82	30.50	0.11	10.47	Average
3	*	0.173	52.73	-12.08	64.81	42.20	0.11	10.42	QP
4		0.173	36.13	-18.68	54.81	25.60	0.11	10.42	Average
5		0.194	51.58	-12.26	63.84	41.11	0.10	10.37	QP
6		0.194	36.08	-17.76	53.84	25.61	0.10	10.37	Average
7		0.256	47.63	-13.93	61.56	37.20	0.10	10.33	QP
8		0.256	29.23	-22.33	51.56	18.80	0.10	10.33	Average
9		0.489	36.95	-19.24	56.19	26.60	0.11	10.24	QP
10		0.489	23.85	-22.34	46.19	13.50	0.11	10.24	Average
11		4.407	35.63	-20.37	56.00	25.20	0.17	10.26	QP
12		4.407	27.03	-18.97	46.00	16.60	0.17	10.26	Average

Appendix C. Radiated Spurious Emission

Test Engineer :	Henzy LI	Temperature :	22~23°C
		Relative Humidity :	41~42%

U-NII 5 - 5925-6425MHzMHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 07 5985MHz		5918.44	65.52	-22.78	88.3	55.03	35.88	11.4	36.79	162	59	P	H
		5924.84	56.45	-11.85	68.3	45.99	35.87	11.4	36.81	162	59	A	H
	*	5977	99.16	-	-	88.73	35.84	11.45	36.86	162	59	P	H
		5977	91.31	-	-	80.88	35.84	11.45	36.86	162	59	A	H
		5919.72	60.57	-27.73	88.3	50.08	35.88	11.4	36.79	385	0	P	V
		5922.44	52.41	-15.89	68.3	41.95	35.87	11.4	36.81	385	0	A	V
	*	5986	97.7	-	-	87.27	35.84	11.45	36.86	385	0	P	V
		5986	90.87	-	-	80.44	35.84	11.45	36.86	385	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 5 5925~6425MHz
WIFI 802.11ax HE80 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)
802.11ax HE80 Full CH 07 5985MHz		11970	45.87	-28.13	74	56.29	38.98	16.66	66.06	300	0	P	H
		11970	45.37	-28.63	74	55.79	38.98	16.66	66.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 5 5925~6425MHz
WIFI 802.11ax HE80 Partial 484 (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)
802.11ax HE80 Partial 484/65 CH 07 5985MHz		5920.68	69.58	-18.72	88.3	59.77	35.2	11.4	36.79	173	62	P	H
		5923.08	47.35	-20.95	68.3	37.54	35.22	11.4	36.81	173	62	A	H
		5959	100.09	-	-	90.24	35.26	11.43	36.84	173	62	P	H
		5959	91.43	-	-	81.58	35.26	11.43	36.84	173	62	A	H
		5922.6	69.04	-19.26	88.3	59.23	35.22	11.4	36.81	244	352	P	V
		5924.04	47.69	-20.61	68.3	37.88	35.22	11.4	36.81	244	352	A	V
		5950	99.03	-	-	89.19	35.24	11.43	36.83	244	352	P	V
		5950	91.19	-	-	81.35	35.24	11.43	36.83	244	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 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)
802.11ax HE160 Full CH 15 6025MHz		5898.6	73.18	-15.12	88.3	62.69	35.88	11.38	36.77	255	62	P	H
		5917.48	62.56	-5.74	68.3	52.07	35.88	11.4	36.79	255	62	A	H
	*	5995	98.04	-	-	87.62	35.83	11.47	36.88	255	62	P	H
		5995	89.79	-	-	79.37	35.83	11.47	36.88	255	62	A	H
		5888.36	70.27	-18.03	88.3	59.8	35.88	11.36	36.77	399	0	P	V
		5910.12	62.23	-6.07	68.3	51.76	35.88	11.38	36.79	399	0	A	V
	*	6040	98.04	-	-	87.59	35.82	11.5	36.87	399	0	P	V
		6040	89.92	-	-	79.47	35.82	11.5	36.87	399	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 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)
802.11ax HE160 Full CH 15 6025MHz		12050	45.87	-28.13	74	56.12	39.04	16.72	66.01	300	0	P	H
		12050	45.37	-28.63	74	55.62	39.04	16.72	66.01	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 5 5925~6425MHz

WIFI 802.11ax HE160 Partial 996 (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)
802.11ax HE160 Partial 996/67 CH 15 6025MHz		5896.68	65.04	-23.26	88.3	55.25	35.18	11.38	36.77	188	61	P	H
		5924.84	52.01	-16.29	68.3	42.2	35.22	11.4	36.81	188	61	A	H
		5959	97.09	-	-	87.24	35.26	11.43	36.84	188	61	P	H
		5959	88.97	-	-	79.12	35.26	11.43	36.84	188	61	A	H
		5854.12	63.59	-24.71	88.3	53.87	35.13	11.33	36.74	389	3	P	V
		5923.88	50.46	-17.84	68.3	40.65	35.22	11.4	36.81	389	3	A	V
		5986	96.02	-	-	86.15	35.28	11.45	36.86	389	3	P	V
		5986	88.2	-	-	78.33	35.28	11.45	36.86	389	3	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 8 - 6875-7125MHzMHz

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)
802.11ax HE20 Full CH 229 7095MHz		7218.92	53.02	-35.28	88.3	40.67	36.71	12.71	37.07	119	54	P	H
		7231.56	43.19	-25.11	68.3	30.85	36.7	12.71	37.07	119	54	A	H
	*	7093	98.76	-	-	86.52	36.77	12.59	37.12	119	54	P	H
		7093	89.53	-	-	77.29	36.77	12.59	37.12	119	54	A	H
		7208.84	53.52	-34.78	88.3	41.17	36.72	12.71	37.08	300	349	P	V
		7133	42.96	-25.34	68.3	30.68	36.74	12.64	37.1	300	349	A	V
	*	7093	99.95	-	-	87.71	36.77	12.59	37.12	300	349	P	V
		7093	91.15	-	-	78.91	36.77	12.59	37.12	300	349	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 8 6875~7125MHz

WIFI 802.11ax HE20 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)
802.11ax HE20 Full CH 229 7095MHz		14190	44.96	-43.34	88.3	51.89	39.83	18.16	64.92	300	0	P	H
		14190	46.18	-42.12	88.3	53.11	39.83	18.16	64.92	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 8 6875~7125MHz

WIFI 802.11ax HE20 Partial 106 (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)
802.11ax HE20 Partial 106/54 CH 229 7095MHz		7177.32	52.55	-35.75	88.3	41.12	35.83	12.69	37.09	120	58	P	H
		7227.88	41.64	-26.66	68.3	30.16	35.84	12.71	37.07	120	58	A	H
		7102	96.18	-	-	84.88	35.82	12.59	37.11	120	58	P	H
		7102	88.69	-	-	77.39	35.82	12.59	37.11	120	58	A	H
		7236.84	52.8	-35.5	88.3	41.31	35.85	12.71	37.07	181	301	P	V
		7243.24	41.62	-26.68	68.3	30.12	35.85	12.72	37.07	181	301	A	V
		7102	101.43	-	-	90.13	35.82	12.59	37.11	181	301	P	V
		7102	91.93	-	-	80.63	35.82	12.59	37.11	181	301	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 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)
802.11ax HE40 Full CH 227 7085MHz		7155.54	52.88	-35.42	88.3	40.58	36.74	12.66	37.1	100	41	P	H
	!	7125.12	44.34	-23.96	68.3	32.09	36.75	12.61	37.11	100	41	A	H
	*	7084	97.23	-	-	85.02	36.77	12.56	37.12	100	41	P	H
		7084	88.86	-	-	76.65	36.77	12.56	37.12	100	41	A	H
		7127.64	54.29	-34.01	88.3	42.01	36.75	12.64	37.11	171	310	P	V
		7125.66	45.79	-22.51	68.3	33.54	36.75	12.61	37.11	171	310	A	V
	*	7093	100.8	-	-	88.56	36.77	12.59	37.12	171	310	P	V
		7093	92.35	-	-	80.11	36.77	12.59	37.12	171	310	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 8 6875~7125MHz
WIFI 802.11ax HE40 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)
802.11ax HE40 Full CH 227 7085MHz		14168	46.05	-42.25	88.3	53.01	39.82	18.15	64.93	300	0	P	H
		14168	45.98	-42.32	88.3	52.94	39.82	18.15	64.93	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII 8 6875~7125MHz

WIFI 802.11ax HE40 Partial 242 (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)
802.11ax HE40 Partial 242/62 CH 227 7085MHz		7126.02	62.6	-25.7	88.3	51.28	35.82	12.61	37.11	121	59	P	H
		7124.94	43.55	-24.75	68.3	32.23	35.82	12.61	37.11	121	59	A	H
		7093	97.41	-	-	86.12	35.82	12.59	37.12	121	59	P	H
		7093	89.4	-	-	78.11	35.82	12.59	37.12	121	59	A	H
		7126.56	64.7	-23.6	88.3	53.38	35.82	12.61	37.11	181	301	P	V
		7124.94	44.87	-23.43	68.3	33.55	35.82	12.61	37.11	181	301	A	V
		7102	100.5	-	-	89.2	35.82	12.59	37.11	181	301	P	V
		7102	90.5	-	-	79.2	35.82	12.59	37.11	181	301	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 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)
802.11ax HE160 Full LF		30.97	21.21	-18.79	40	28.4	24.7	0.51	32.4	-	-	P	H
		95.96	17.87	-25.63	43.5	33.66	15.2	1.41	32.4	-	-	P	H
		143.49	16.24	-27.26	43.5	29.66	17.25	1.73	32.4	-	-	P	H
		259.89	18.66	-27.34	46	28.71	20	2.35	32.4	-	-	P	H
		445.16	23.11	-22.89	46	29.54	22.9	3.07	32.4	-	-	P	H
		628.49	26.66	-19.34	46	29.23	26.17	3.66	32.4	-	-	P	H
		30.97	21	-19	40	28.19	24.7	0.51	32.4	-	-	P	V
		95.96	15.84	-27.66	43.5	31.63	15.2	1.41	32.4	-	-	P	V
		131.85	17.81	-25.69	43.5	31.05	17.5	1.66	32.4	-	-	P	V
		261.83	18.33	-27.67	46	28.37	20	2.36	32.4	-	-	P	V
		359.8	22.29	-23.71	46	31.42	20.5	2.77	32.4	-	-	P	V
		744.89	27.28	-18.72	46	27.71	27.9	3.98	32.31	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

For Co-location:

LTE B13 Link + WLAN 6GHz 802.11ax HE160 CH15 Tx + BLE (2Mbps) CH39 Tx

(Band Edge @ 3m)

BLE	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)
BLE CH 39 2480MHz		2486.92	50.61	-23.39	74	47.2	32.98	7.25	36.82	102	140	P	H
		2483.5	47.16	-6.84	54	43.75	32.98	7.25	36.82	102	140	A	H
		2480	100.7	-	-	97.29	32.98	7.25	36.82	102	140	P	H
		2480	99	-	-	95.59	32.98	7.25	36.82	102	140	A	H
		2483.62	50.9	-23.1	74	47.49	32.98	7.25	36.82	263	80	P	V
		2483.5	47.77	-6.23	54	44.36	32.98	7.25	36.82	263	80	A	V
		2480	101.25	-	-	97.84	32.98	7.25	36.82	263	80	P	V
		2480	99.68	-	-	96.27	32.98	7.25	36.82	263	80	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
802.11ax HE160 Full CH 15 6025MHz		5917.16	75.24	-13.06	88.3	65.43	35.2	11.4	36.79	100	60	P	H
		5915.88	65.21	-3.09	68.3	55.4	35.2	11.4	36.79	100	60	A	H
	*	6040	102.81	-	-	92.86	35.32	11.5	36.87	100	60	P	H
		6040	94.27	-	-	84.32	35.32	11.5	36.87	100	60	A	H
		5918.76	69.77	-18.53	88.3	59.96	35.2	11.4	36.79	100	326	P	V
		5922.28	60.57	-7.73	68.3	50.76	35.22	11.4	36.81	100	326	A	V
	*	6013	98.67	-	-	88.76	35.31	11.48	36.88	100	326	P	V
		6013	90.01	-	-	80.1	35.31	11.48	36.88	100	326	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

LTE B13 Link + WLAN 6GHz 802.11ax HE160 CH15 Tx + BLE (2Mbps) CH39 Tx BT5.0_CH39

(Harmonic @ 3m)

BLE	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)
BLE CH 39 2480MHz		4965	40.33	-33.67	74	60.61	34.78	10.41	65.47	300	183	P	H
		7440	41.68	-32.32	74	58.82	36.38	12.79	66.31	300	183	P	H
		4960	39.29	-34.71	74	59.59	34.78	10.39	65.47	300	291	P	V
		7440	40.72	-33.28	74	57.86	36.38	12.79	66.31	300	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
802.11ax HE160 Full CH 15 6025MHz		12048	44.7	-29.3	74	55.48	38.53	16.7	66.01	300	0	P	H
		12048	47.47	-26.53	74	58.25	38.53	16.7	66.01	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

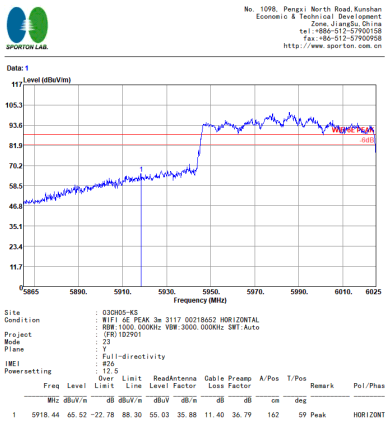
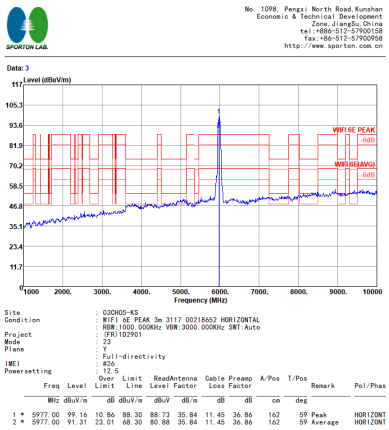
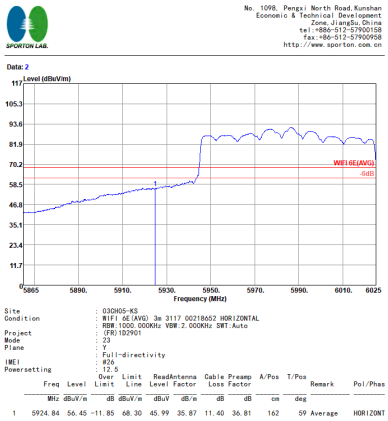
= -10.46(dB)

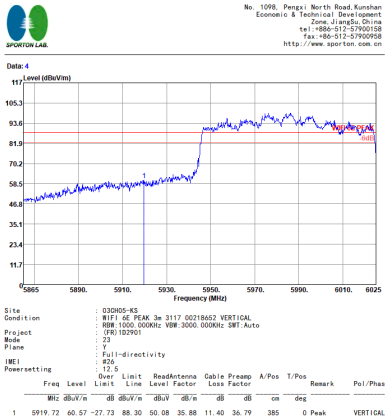
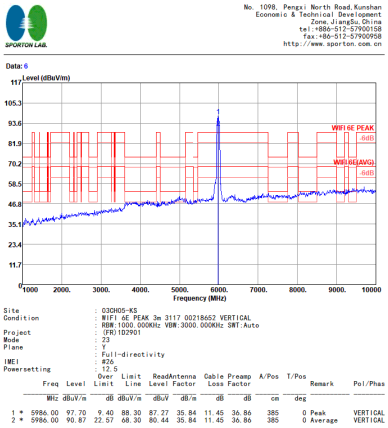
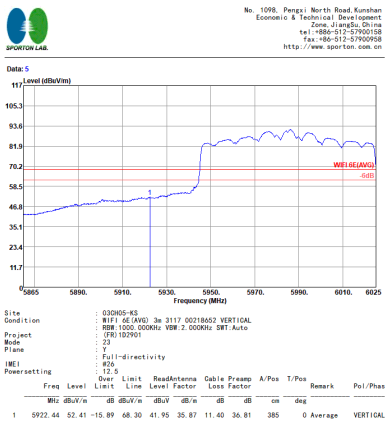
Both peak and average measured complies with the limit line, so test result is “PASS”.

Appendix D. Radiated Spurious Emission Plots

U-NII 5 - 5925-6425MHzMHz

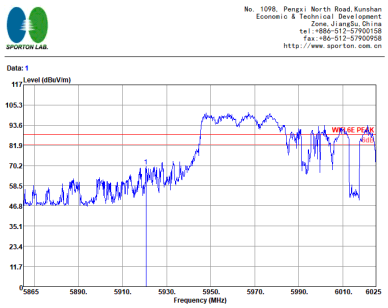
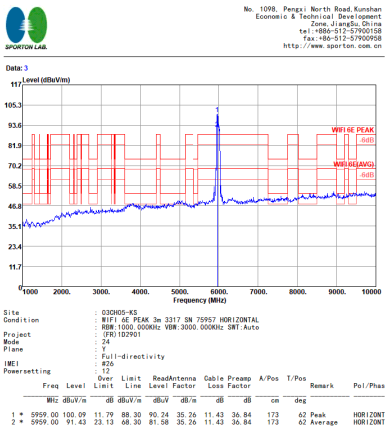
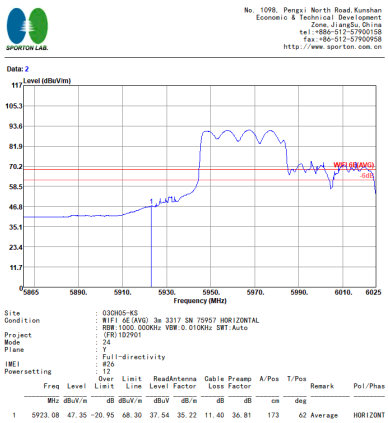
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

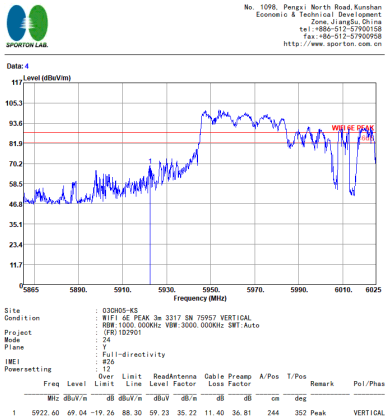
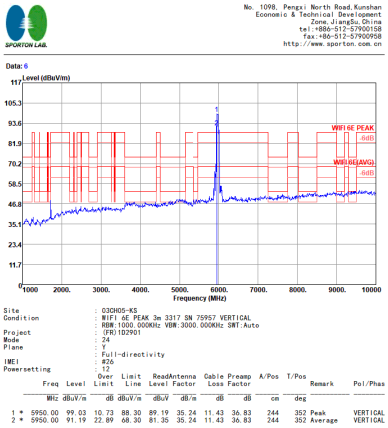
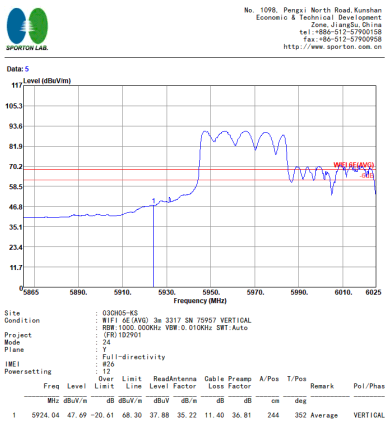
WIFI	U-NII 5 - 5925-6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

U-NII 5 - 5925-6425MHzMHz

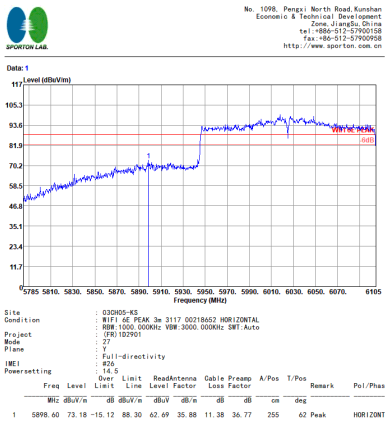
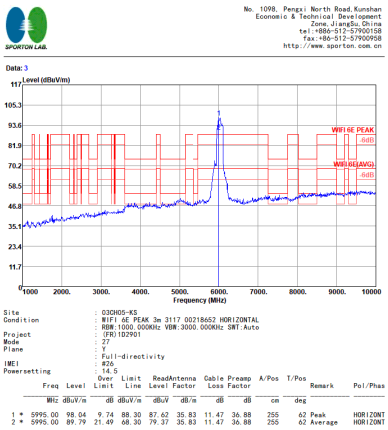
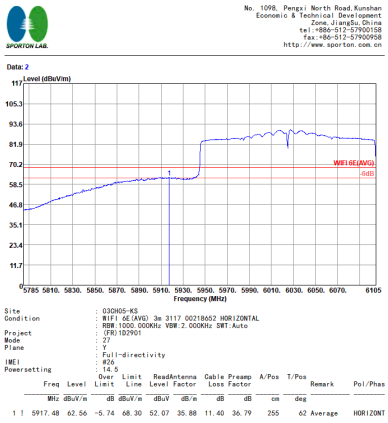
WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

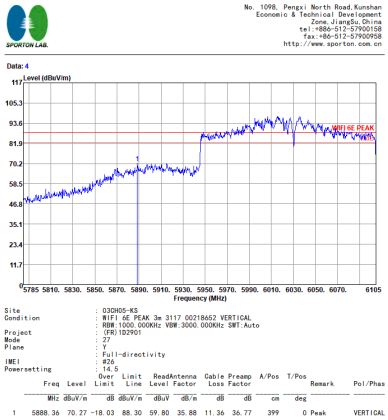
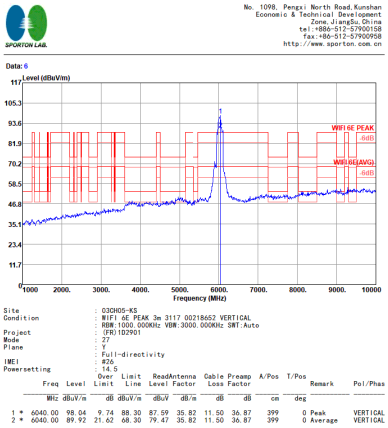
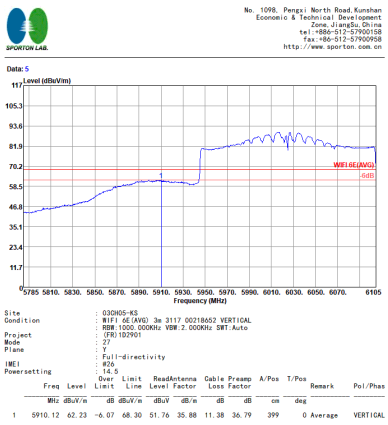
WIFI	U-NII 5 - 5925-6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH07 5985MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII 5 - 5925-6425MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH07 5985MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

U-NII 5 - 5925-6425MHzMHz

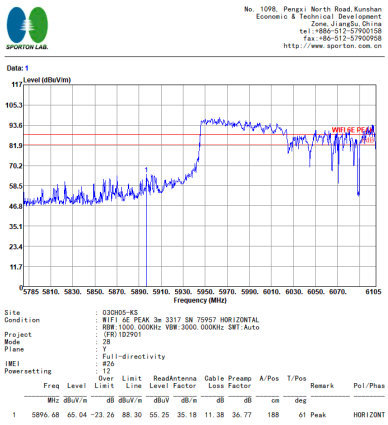
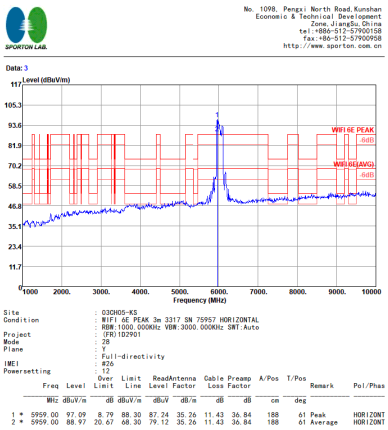
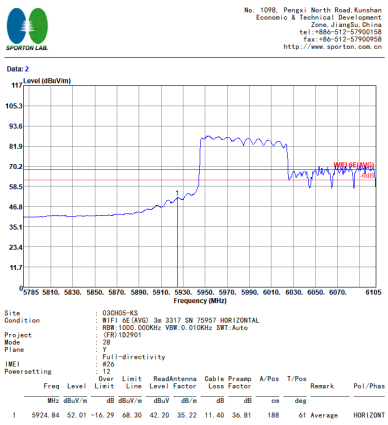
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

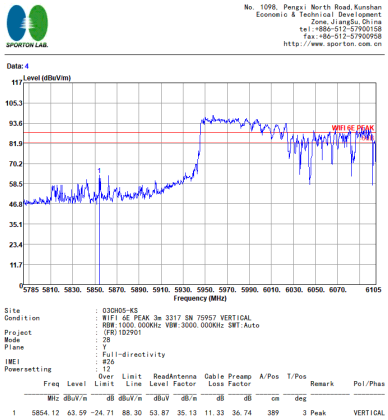
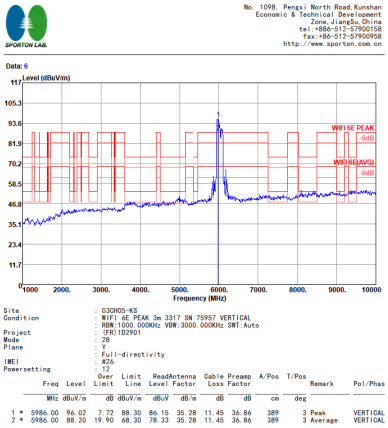
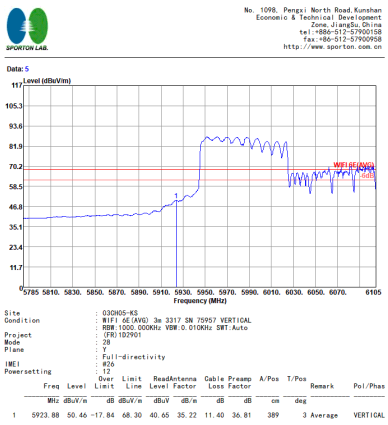
WIFI	U-NII 5 - 5925-6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

U-NII 5 - 5925-6425MHzMHz

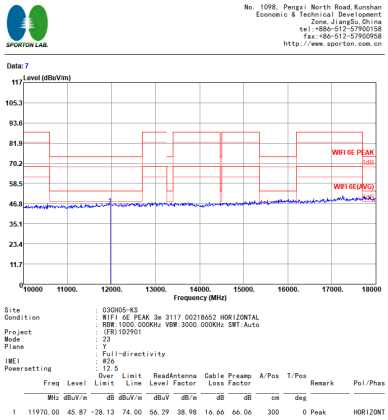
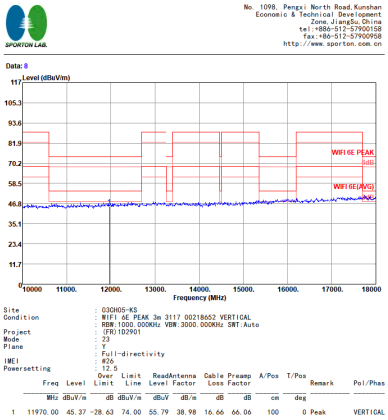
WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

WIFI	U-NII 5 - 5925-6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH15 6025MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII 5 - 5925-6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH15 6025MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

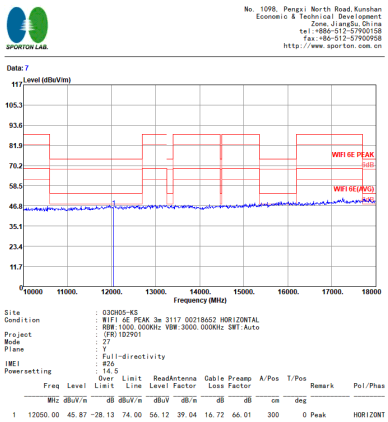
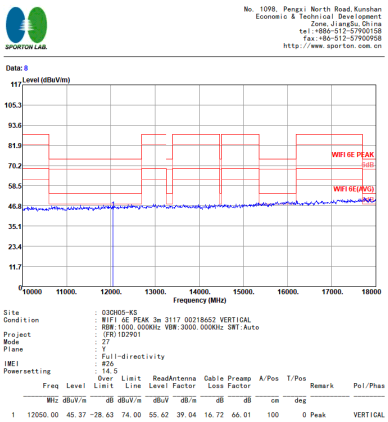
U-NII 5 - 5925-6425MHzMHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	U-NII 5 - 5925-6425MHzMHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
1+2	Horizontal	Vertical
Peak Avg.		

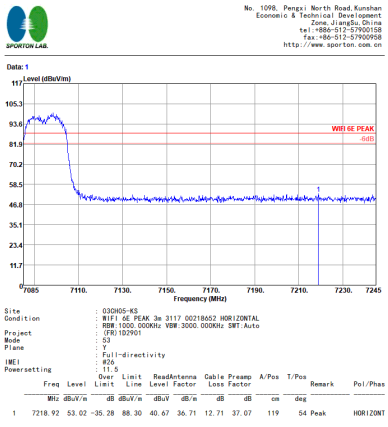
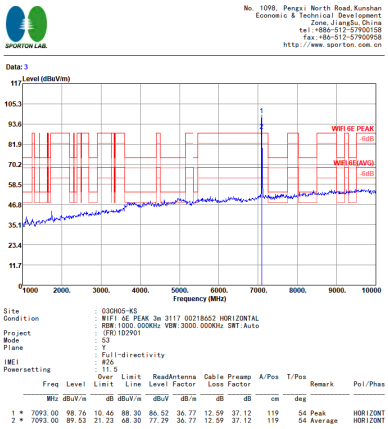
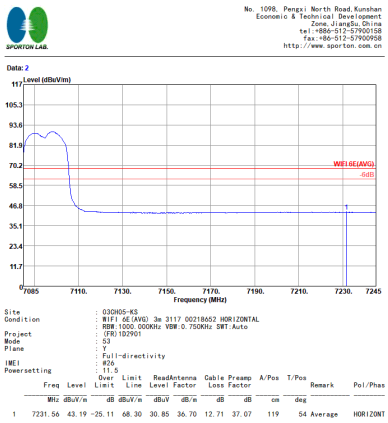
U-NII 5 - 5925-6425MHzMHz

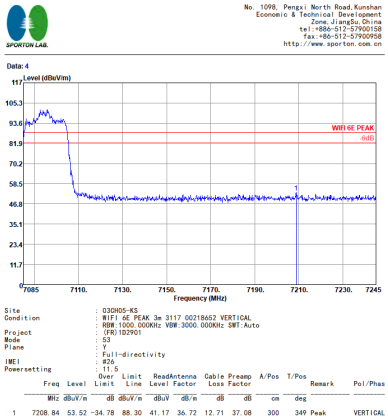
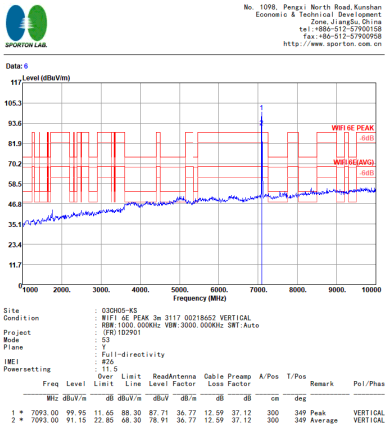
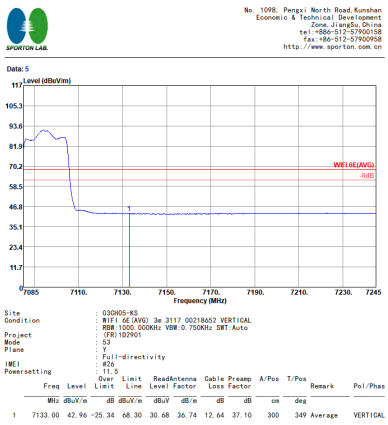
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	U-NII 5 - 5925-6425MHzMHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
1+2	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 7 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 10000 11000. 12000. 13000. 14000. 15000. 16000. 17000. 18000 Frequency (MHz) WIFI 6E PEAK WIFI 6E(AVG) Site : 03CH05-KS Condition : WIFI 6E PEAK 3m 3117 00218652 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D2901 Mode : 27 Plane : Y : Full-directivity IMEI : #26 Powersetting : 14.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 12050.00 45.87 -28.13 74.00 56.12 39.04 16.72 66.01 300 0 Peak HORIZONT	 No. 1098, Pengxi North Road,Kunshan Economic & Technical Development Zone,JiangSu,China tel:+886-512-57900158 fax:+86-512-57900958 http://www.sporton.com.cn Data: 8 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 10000 11000. 12000. 13000. 14000. 15000. 16000. 17000. 18000 Frequency (MHz) WIFI 6E PEAK WIFI 6E(AVG) Site : 03CH05-KS Condition : WIFI 6E PEAK 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D2901 Mode : 27 Plane : Y : Full-directivity IMEI : #26 Powersetting : 14.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 12050.00 45.37 -28.63 74.00 55.62 39.04 16.72 66.01 100 0 Peak VERTICAL

U-NII 8 - 6875-7125MHzMHz

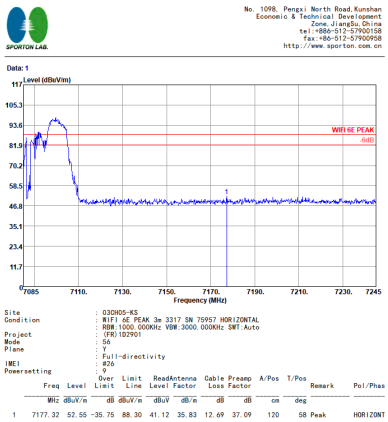
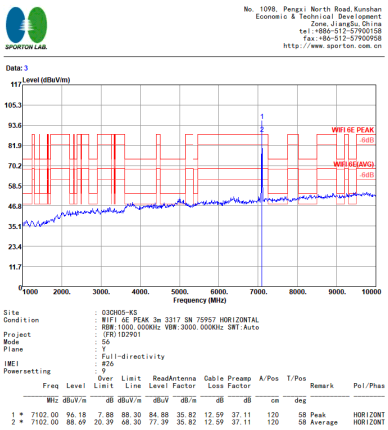
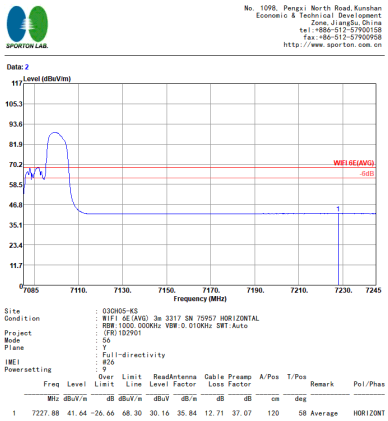
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

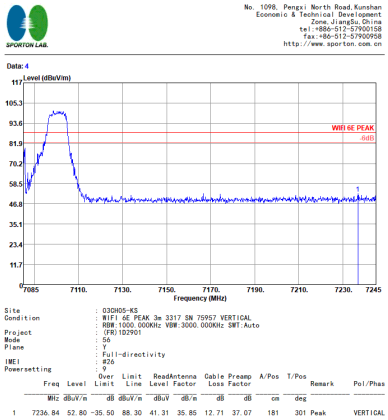
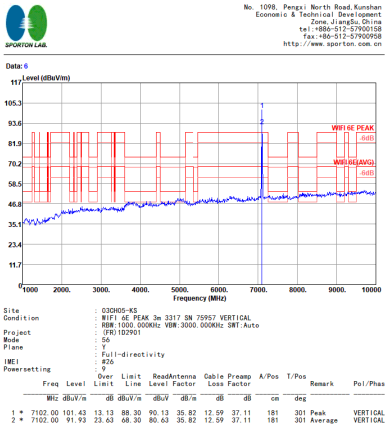
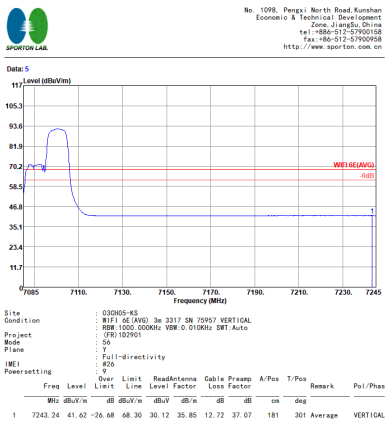
WIFI	U-NII 8 - 6875-7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII 8 - 6875-7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH229 7095MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

U-NII 8 - 6875-7125MHzMHz

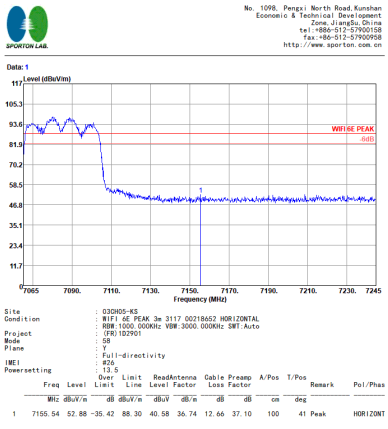
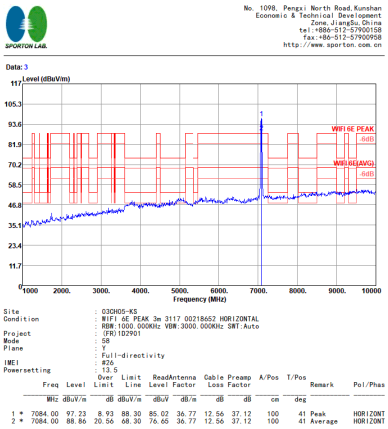
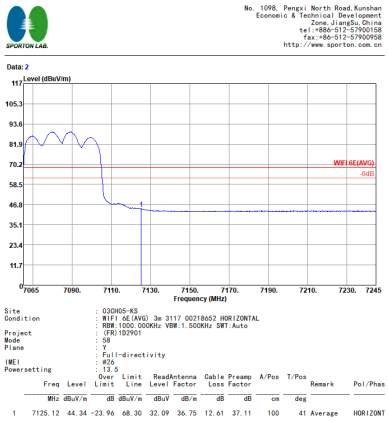
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

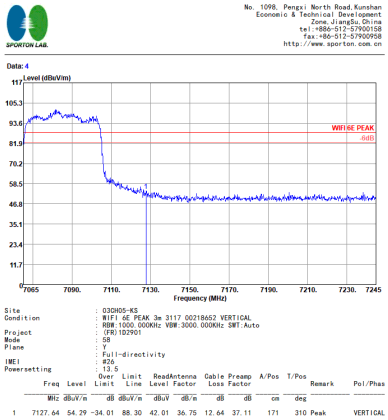
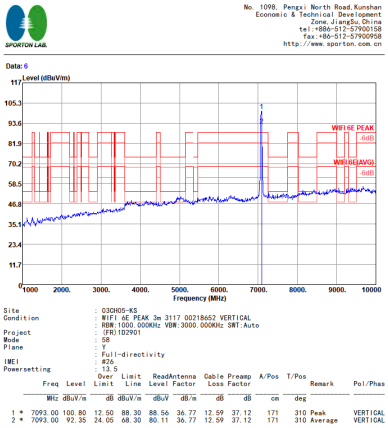
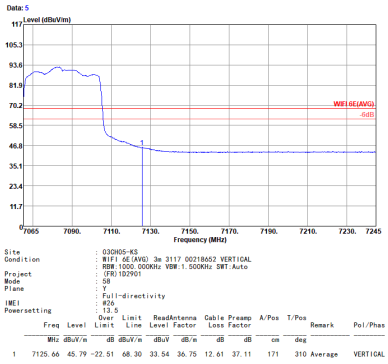
WIFI	U-NII 8 - 6875-7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH229 7095MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII 8 - 6875-7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH229 7095MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

U-NII 8 - 6875-7125MHzMHz

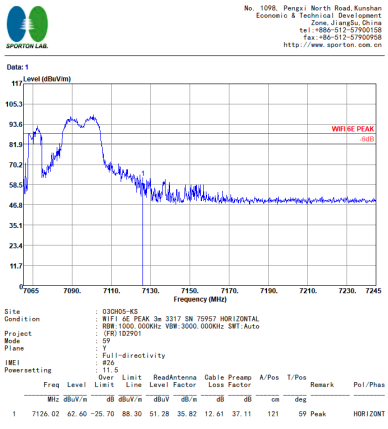
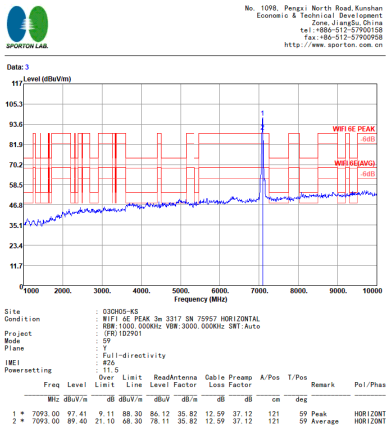
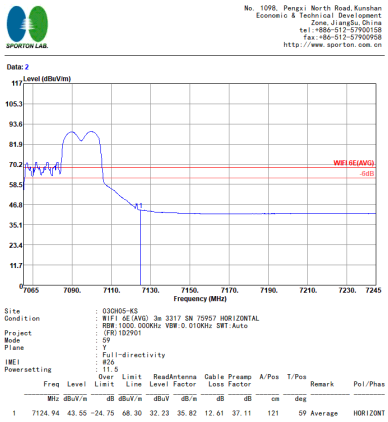
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

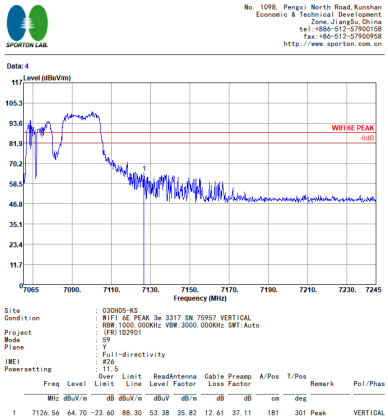
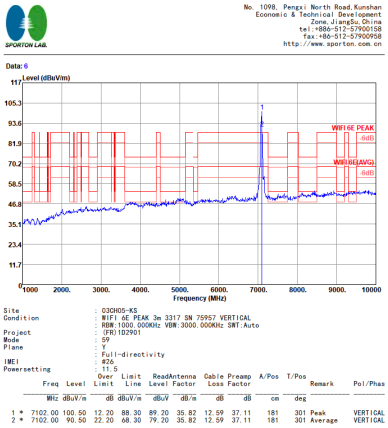
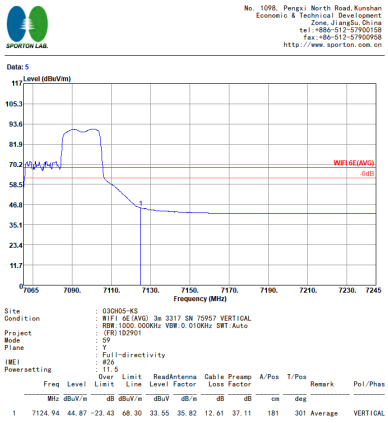
WIFI	U-NII 8 - 6875-7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII 8 - 6875-7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full H227 7085MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH05-KS Condition : WIFI 6E PEAK 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D2901 Mode : 58 Plane : Y : Full-directivity IMEI : #26 Powersetting : 13.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 7127.64 54.29 -34.01 88.30 42.01 36.75 12.64 37.11 171 310 Peak VERTICAL	 Site : 03CH05-KS Condition : WIFI 6E PEAK 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D2901 Mode : 58 Plane : Y : Full-directivity IMEI : #26 Powersetting : 13.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 7093.00 100.80 12.50 88.30 88.56 36.77 12.59 37.12 171 310 Peak VERTICAL 2 * 7093.00 92.35 24.05 68.30 80.11 36.77 12.59 37.12 171 310 Average VERTICAL
Avg.	 Site : 03CH05-KS Condition : WIFI 6E(AVG) 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VBW:1.500KHz SWT:Auto Project : (FR)1D2901 Mode : 58 Plane : Y : Full-directivity IMEI : #26 Powersetting : 13.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 7125.66 45.79 -22.51 68.30 33.54 36.75 12.61 37.11 171 310 Average VERTICAL	Left blank

U-NII 8 - 6875-7125MHzMHz

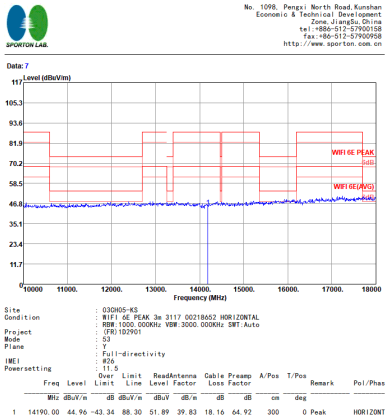
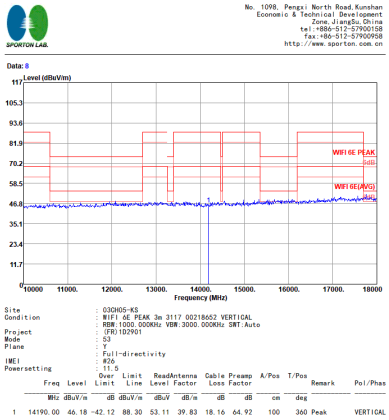
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI	U-NII 8 - 6875-7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 H227 7085MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII 8 - 6875-7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH227 7085MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH05-KS Condition : WIFI 6E PEAK 3m 3317 SN 75957 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D2901 Mode : 59 Plane : Y : Full-directivity IMEI : #26 Powersetting : 11.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 7126.56 64.70 -23.60 88.30 53.38 35.82 12.61 37.11 181 301 Peak VERTICAL	 Site : 03CH05-KS Condition : WIFI 6E PEAK 3m 3317 SN 75957 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : (FR)1D2901 Mode : 59 Plane : Y : Full-directivity IMEI : #26 Powersetting : 11.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 7102.00 100.50 12.20 88.30 89.20 35.82 12.59 37.11 181 301 Peak VERTICAL 2 * 7102.00 90.50 22.20 68.30 79.20 35.82 12.59 37.11 181 301 Average VERTICAL
Avg.	 Site : 03CH05-KS Condition : WIFI 6E(AVG) 3m 3317 SN 75957 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : (FR)1D2901 Mode : 59 Plane : Y : Full-directivity IMEI : #26 Powersetting : 11.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 7124.94 44.87 -23.43 68.30 33.55 35.82 12.61 37.11 181 301 Average VERTICAL	Left blank

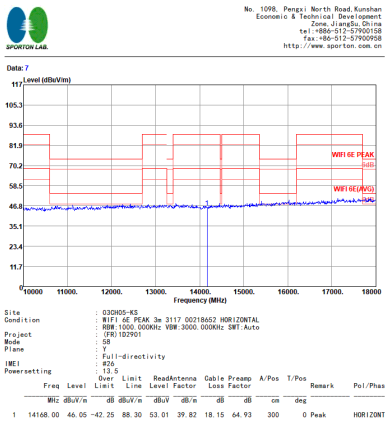
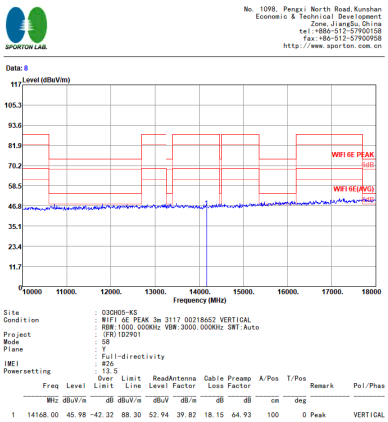
U-NII 8 - 6875-7125MHzMHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	U-NII 8 - 6875-7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH229 7095 MHz	
1+2	Horizontal	Vertical
Peak Avg.		

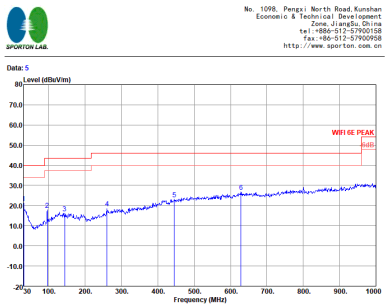
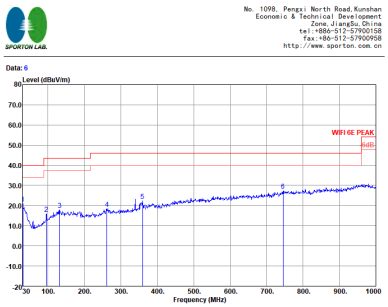
U-NII 8 - 6875-7125MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	U-NII 8 - 6875-7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

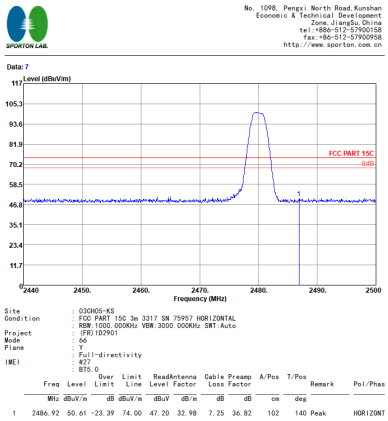
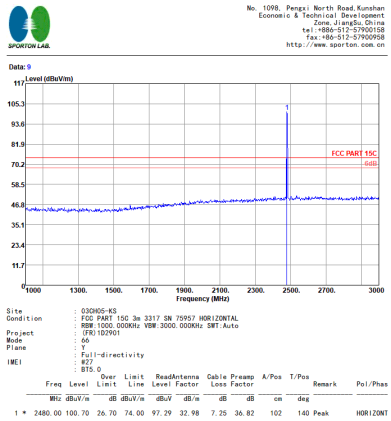
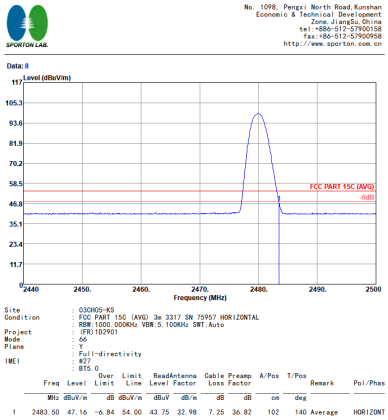
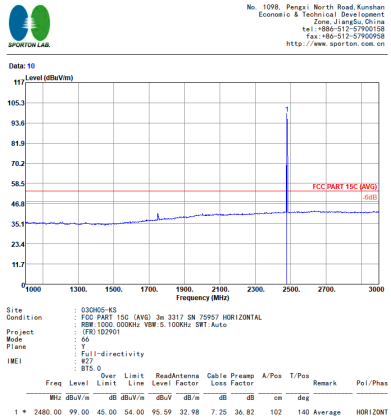
WIFI 802.11ax HE160 Full (LF)

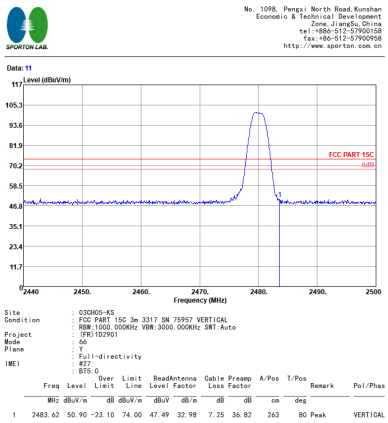
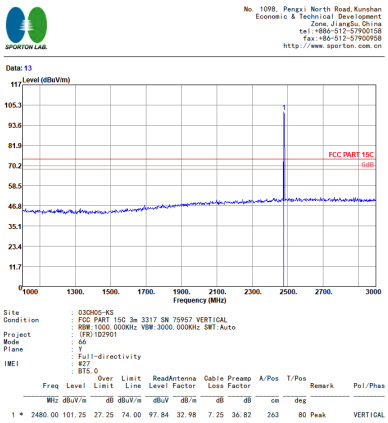
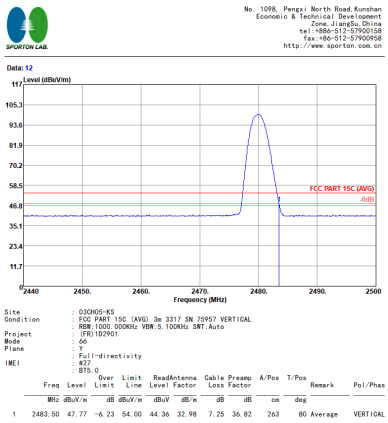
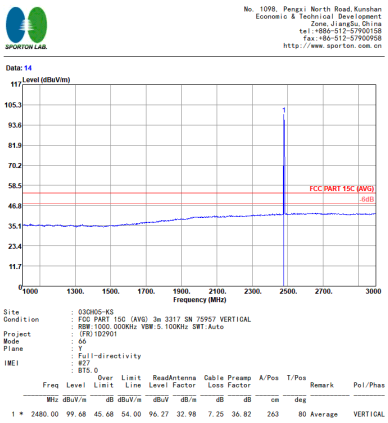
WIFI	WIFI	
ANT	802.11ax HE160 Full LF	
1+2	Horizontal	Vertical
QP / Peak		

Note: Pre-scanned for 18GHz to 40GHz, there are no signals, thus only test data below 18GHz are shown in the report.

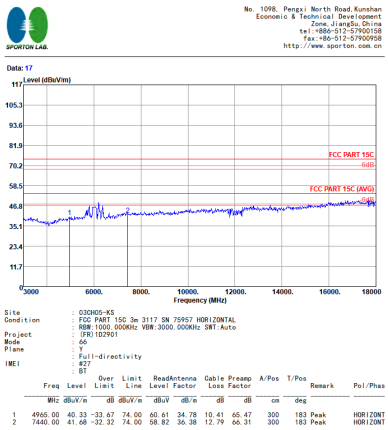
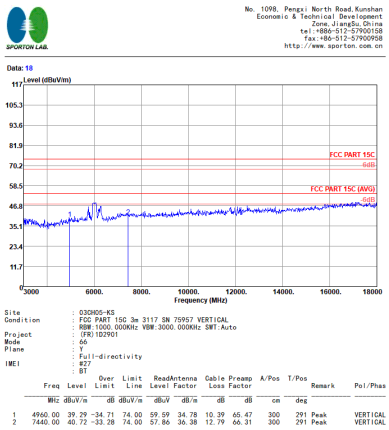
For Co-location:

LTE B13 Link + WLAN 6GHz 802.11ax HE160 CH15 Tx + BLE (2Mbps) CH39 Tx (Band Edge @ 3m)

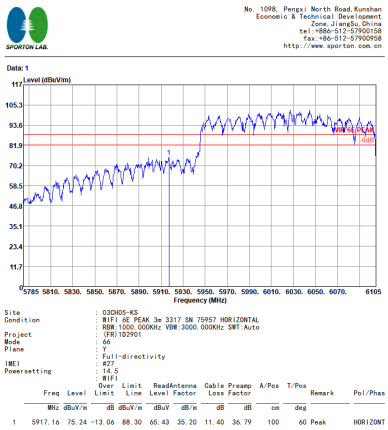
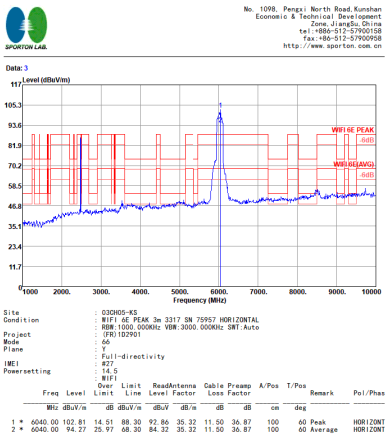
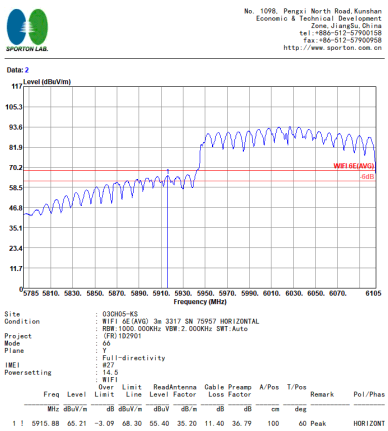
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Fundamental
Peak		
Avg.		

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Vertical	Fundamental
Peak		
Avg.		

BLE_CH39 (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
Peak		

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

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