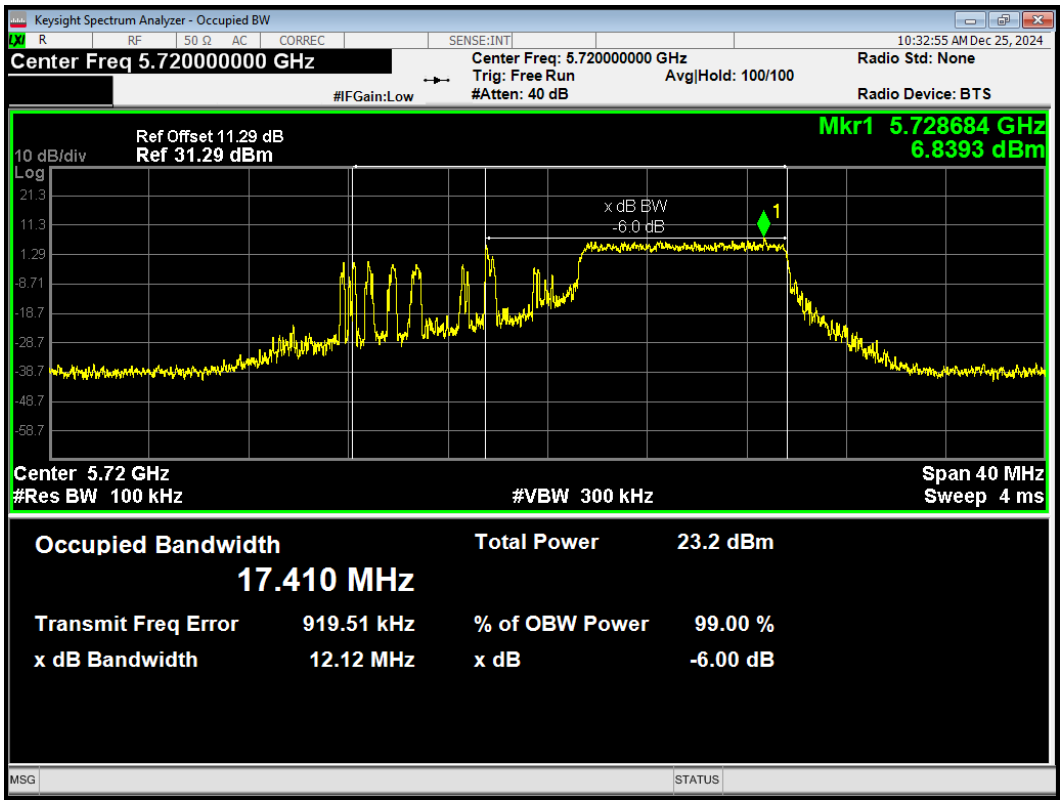
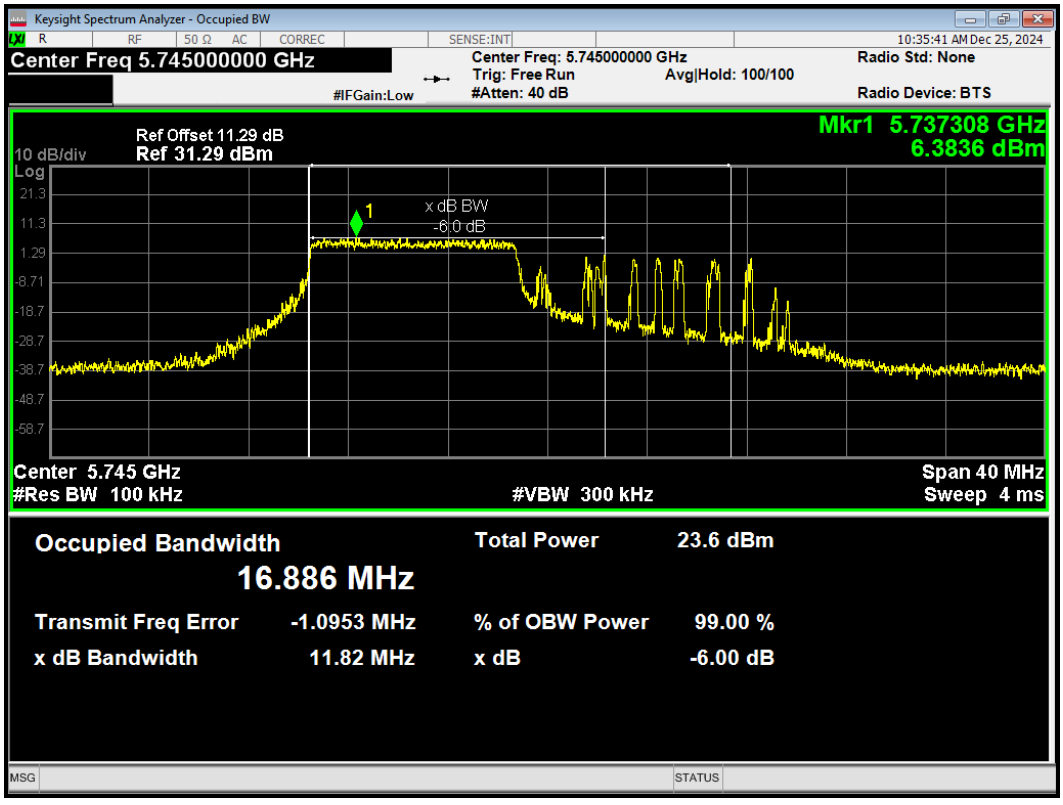
TB Mode

U-NII-3

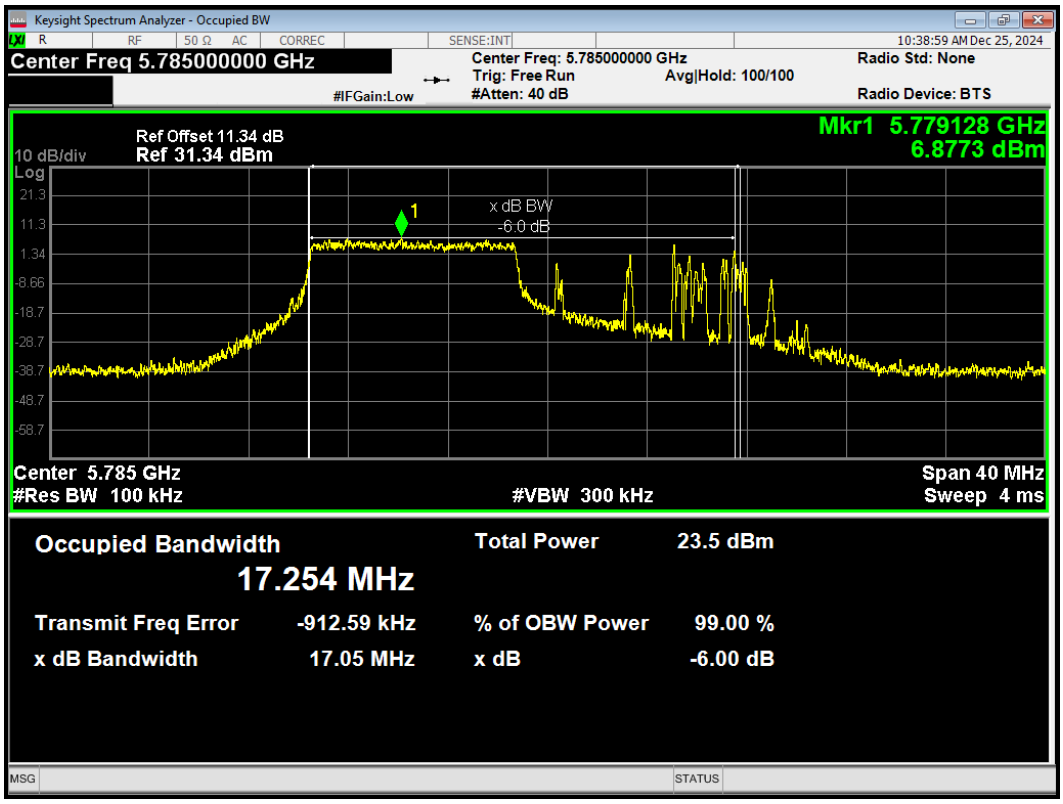
-6dB Bandwidth 802.11ax HE20 106-Tones 5720MHz



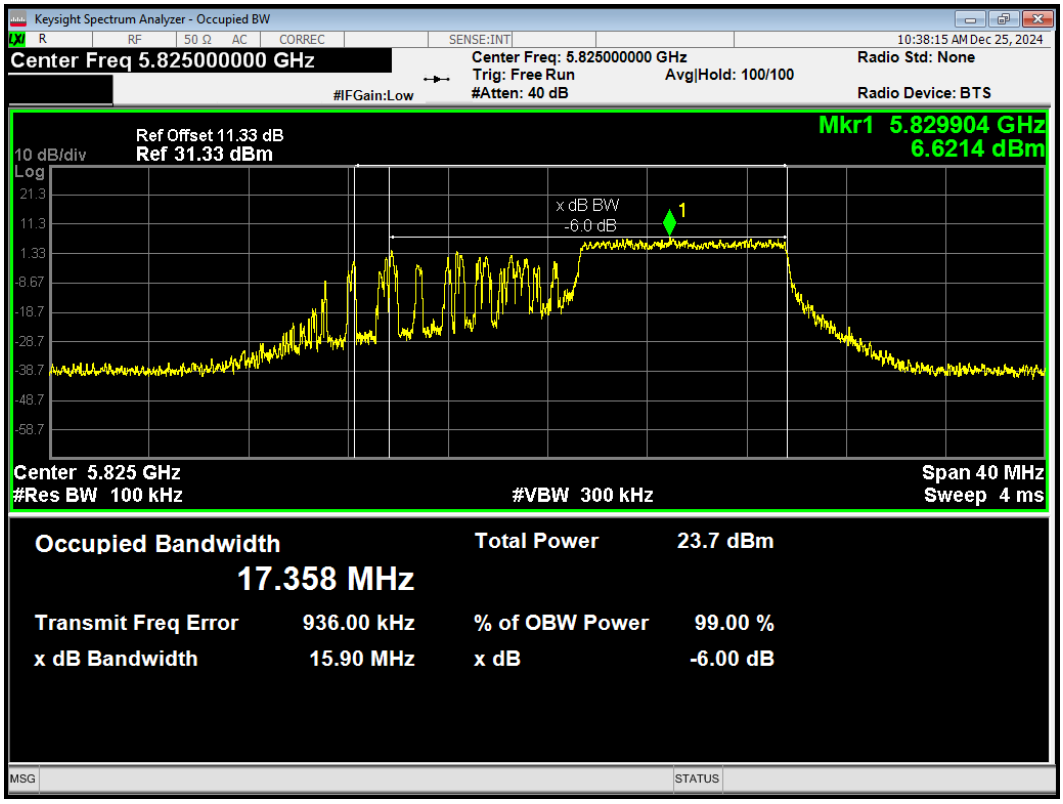
-6dB Bandwidth 802.11ax HE20 106-Tones 5745MHz



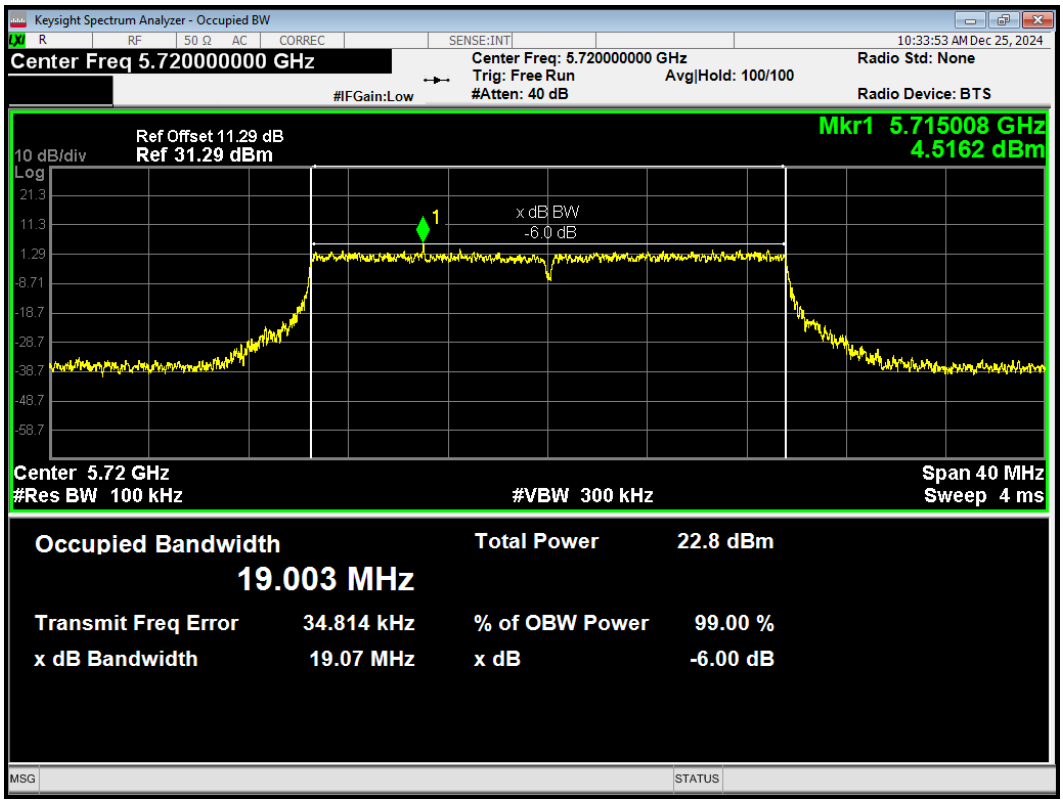
-6dB Bandwidth 802.11ax HE20 106-Tones 5785MHz



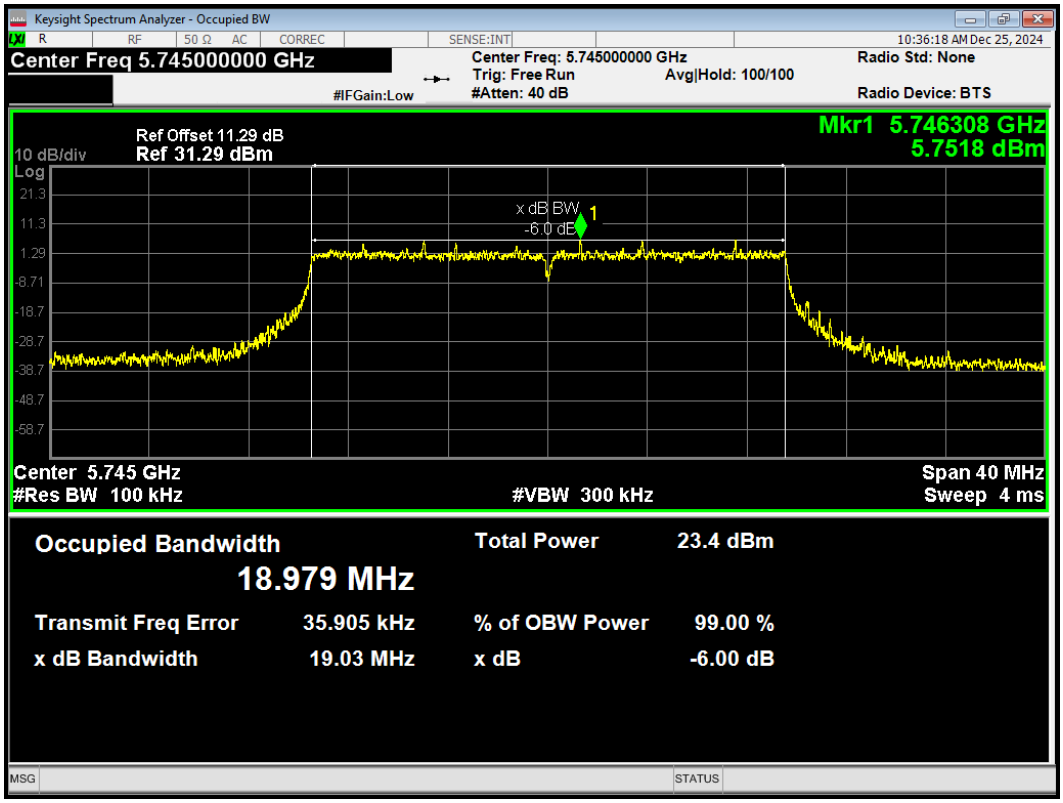
-6dB Bandwidth 802.11ax HE20 106-Tones 5825MHz



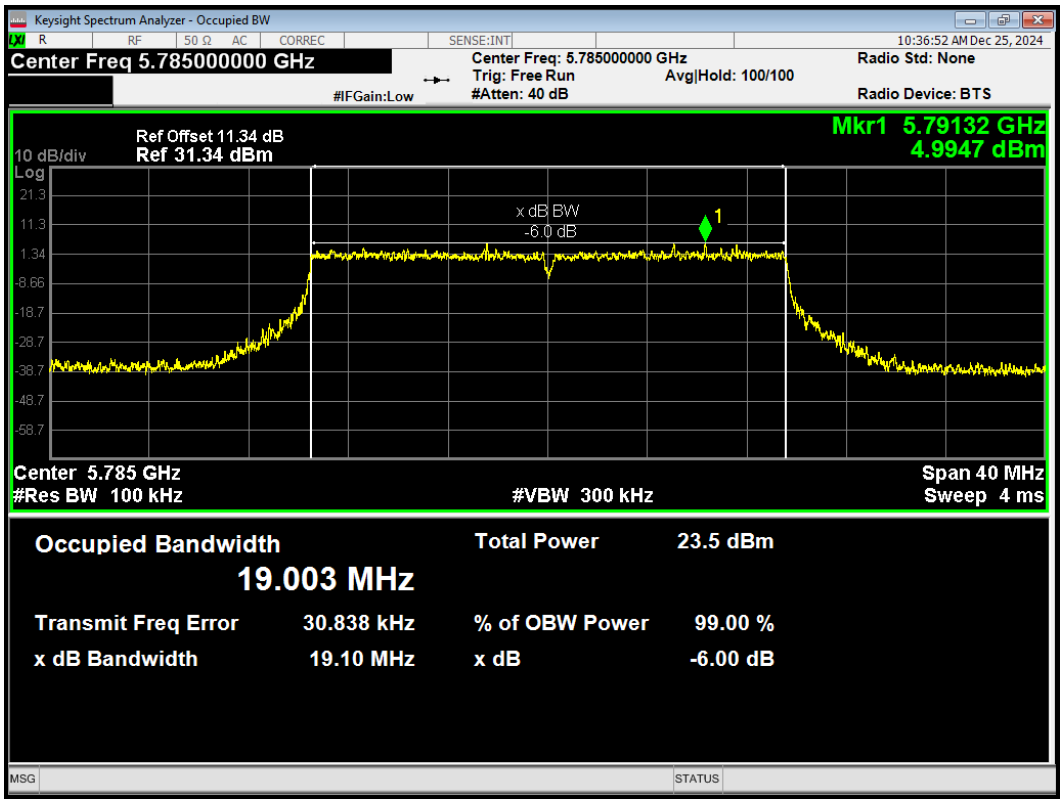
-6dB Bandwidth 802.11ax HE20 242-Tones 5720MHz



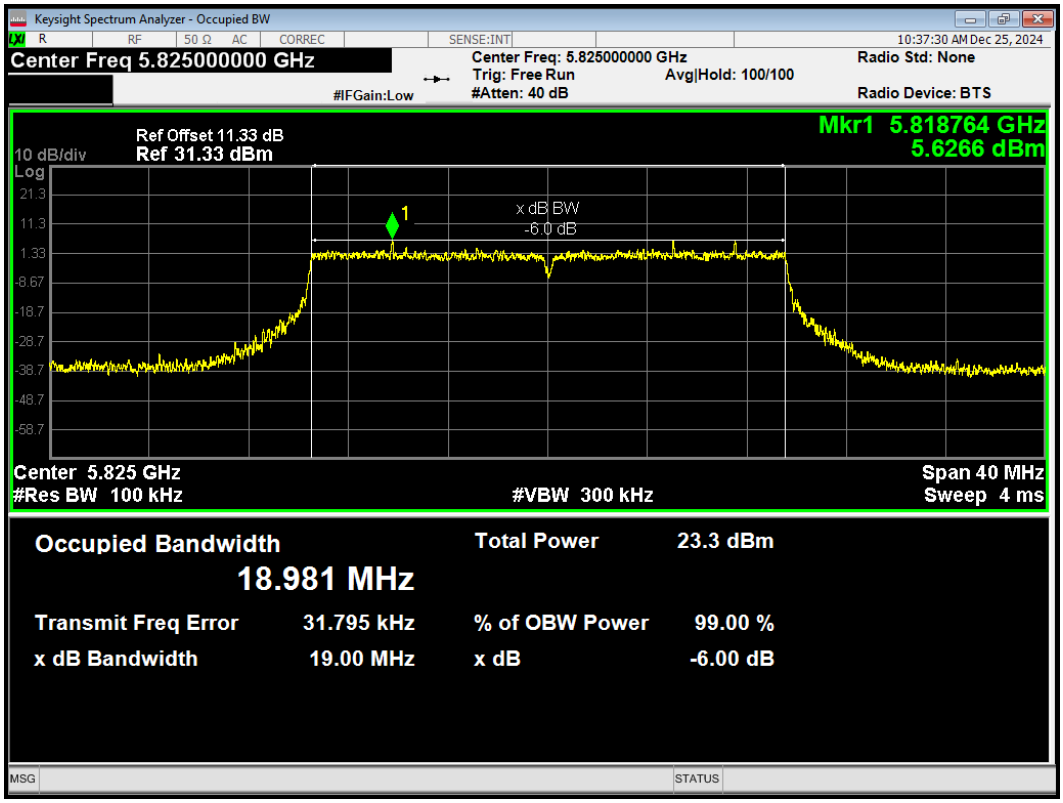
-6dB Bandwidth 802.11ax HE20 242-Tones 5745MHz



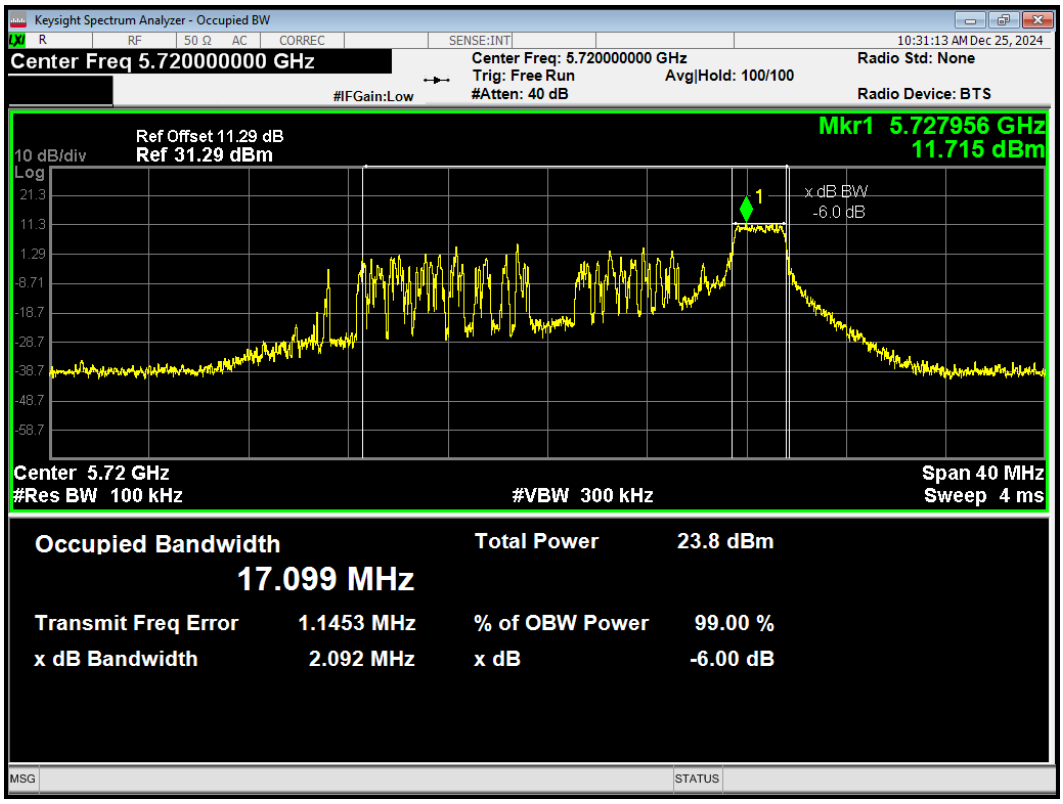
-6dB Bandwidth 802.11ax HE20 242-Tones 5785MHz



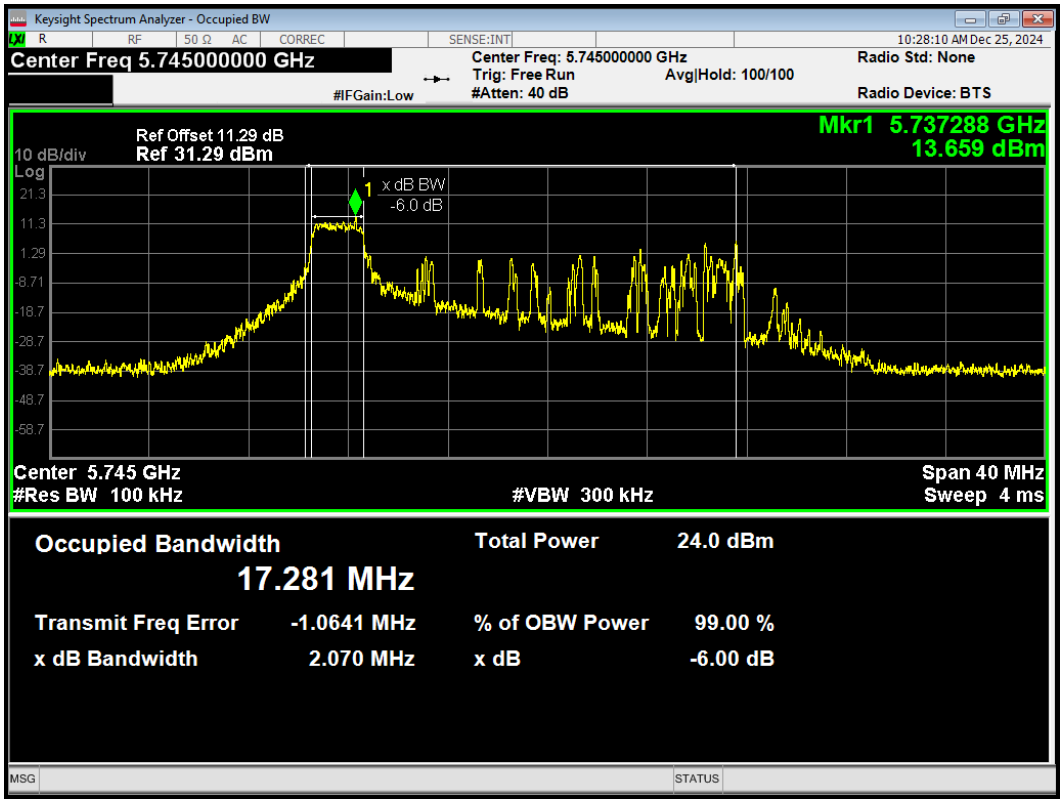
-6dB Bandwidth 802.11ax HE20 242-Tones 5825MHz



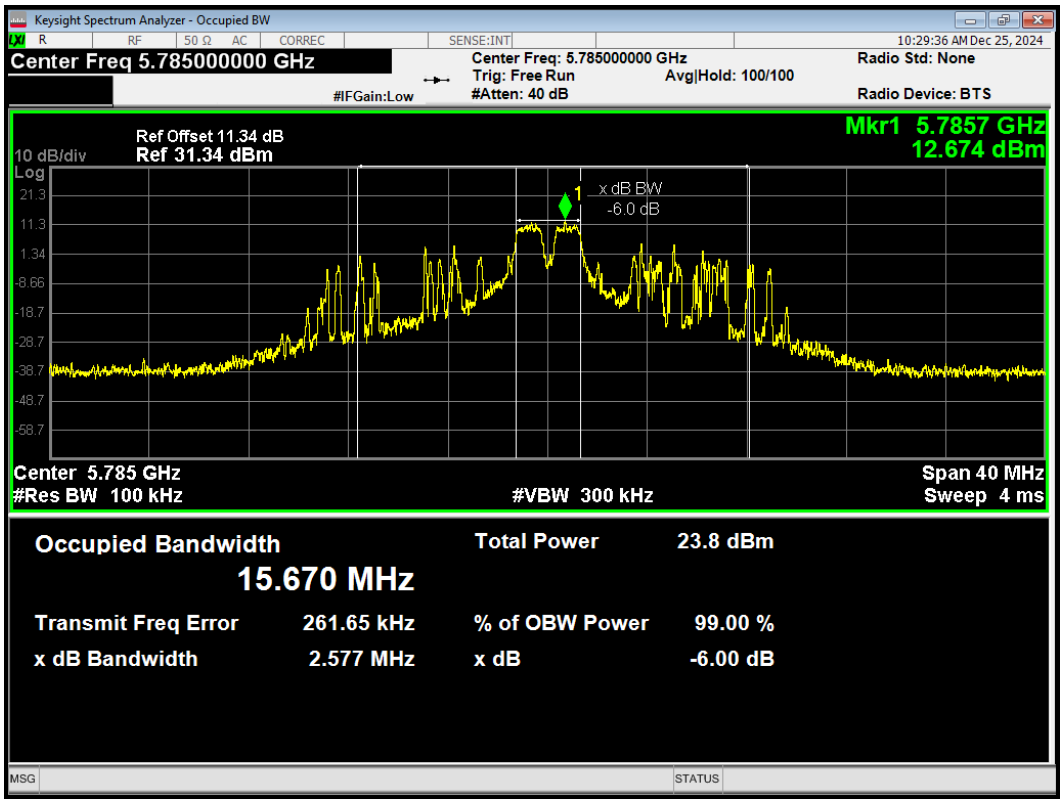
-6dB Bandwidth 802.11ax HE20 26-Tones 5720MHz



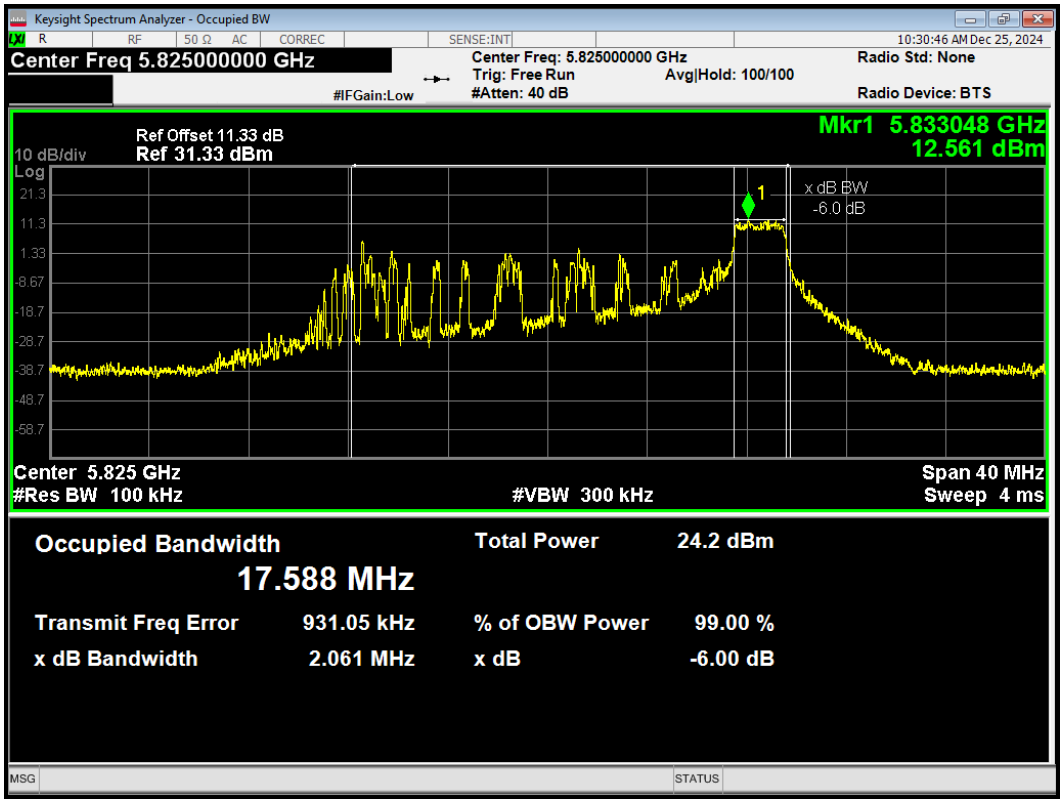
-6dB Bandwidth 802.11ax HE20 26-Tones 5745MHz



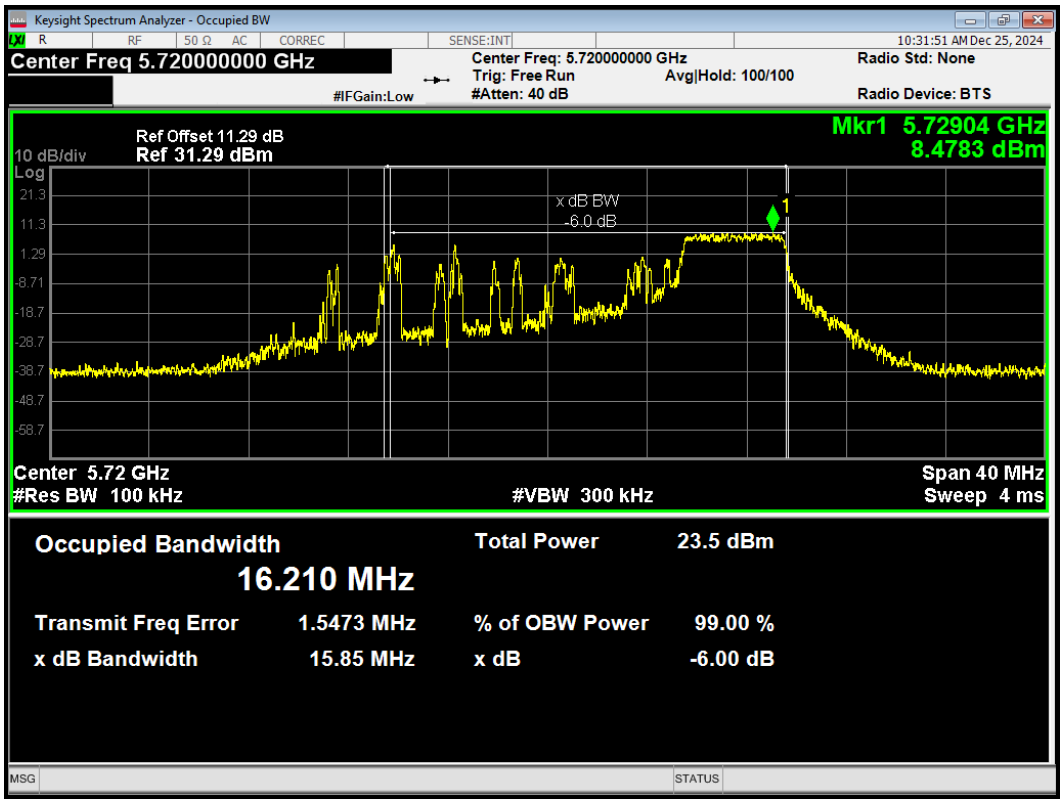
-6dB Bandwidth 802.11ax HE20 26-Tones 5785MHz



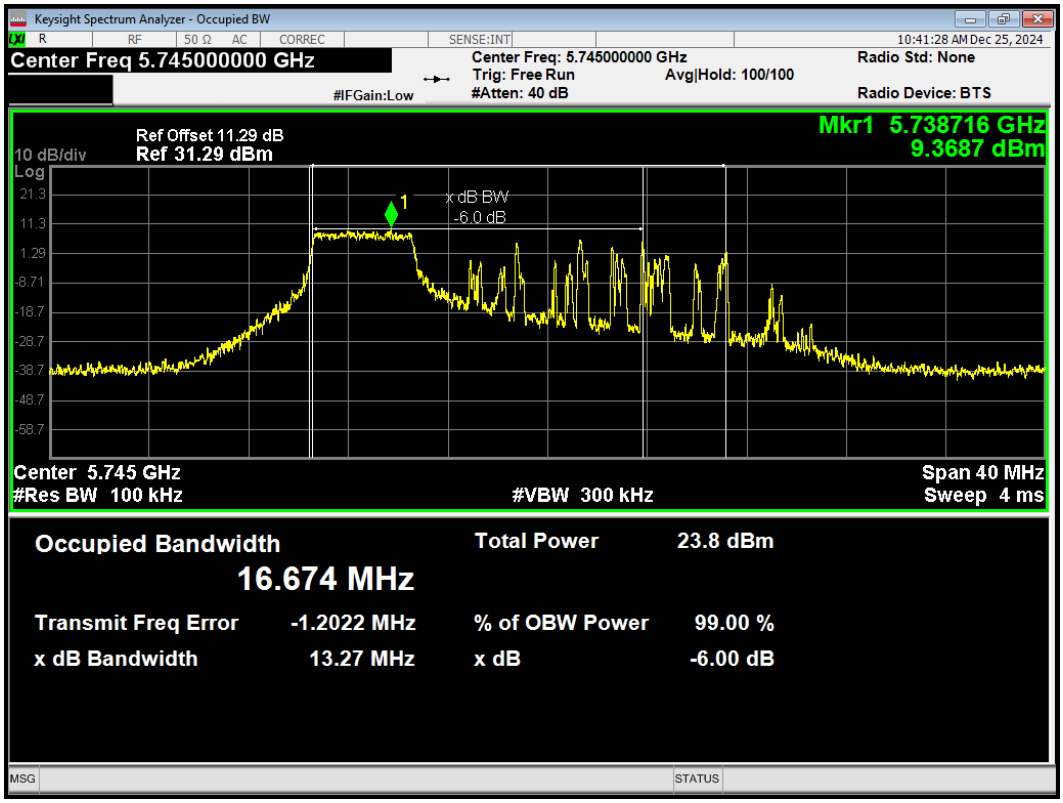
-6dB Bandwidth 802.11ax HE20 26-Tones 5825MHz



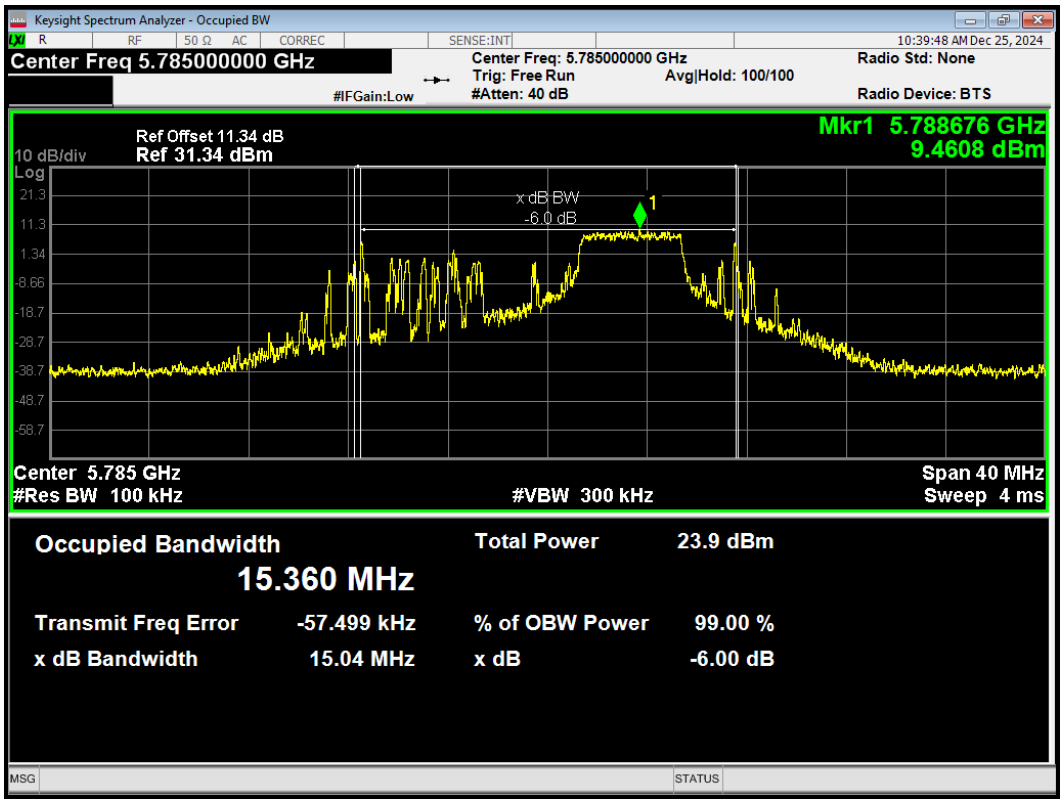
-6dB Bandwidth 802.11ax HE20 52-Tones 5720MHz



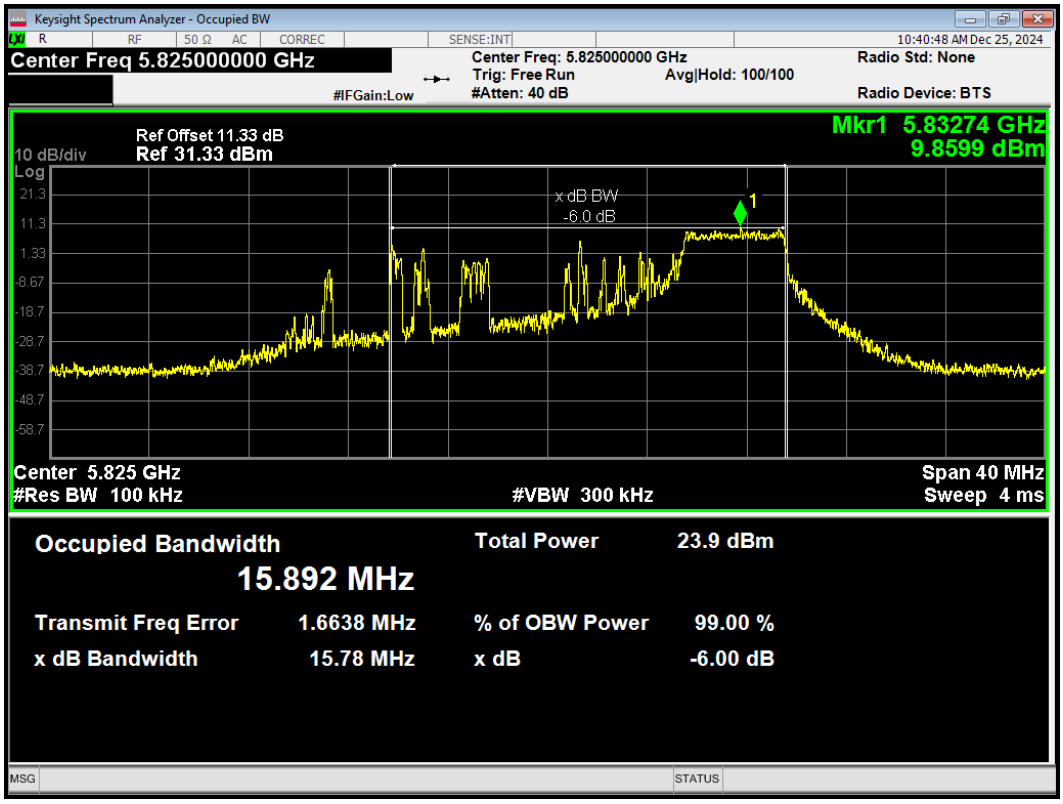
-6dB Bandwidth 802.11ax HE20 52-Tones 5745MHz



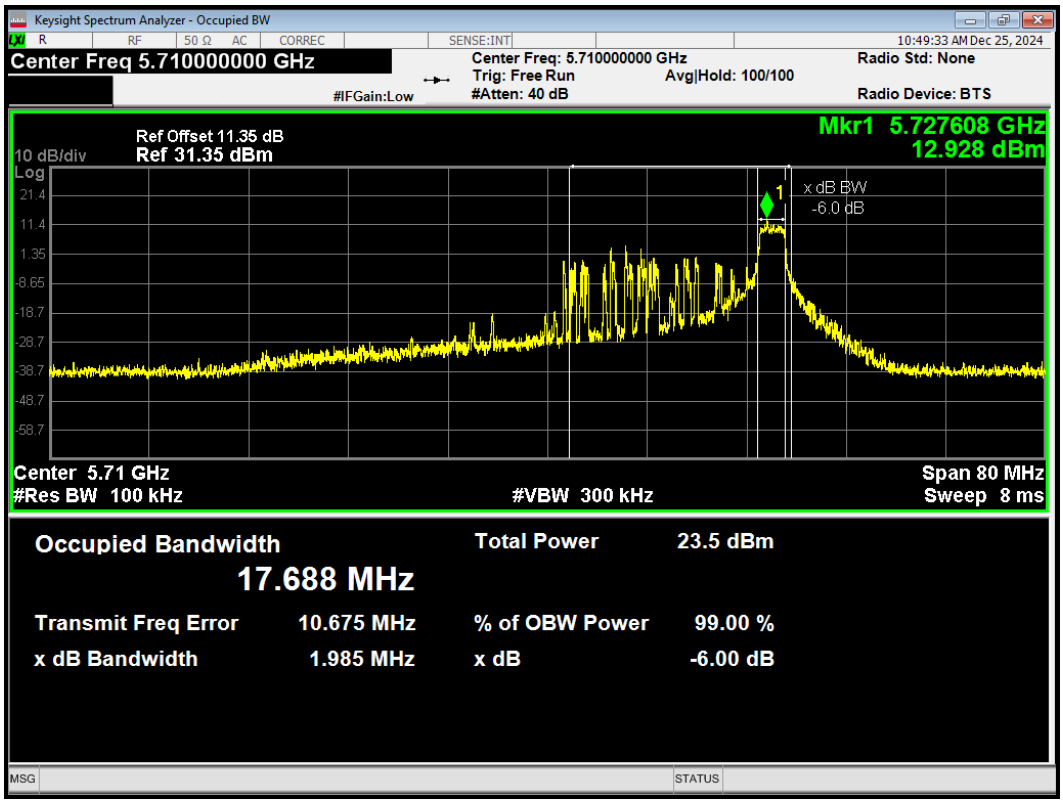
-6dB Bandwidth 802.11ax HE20 52-Tones 5785MHz



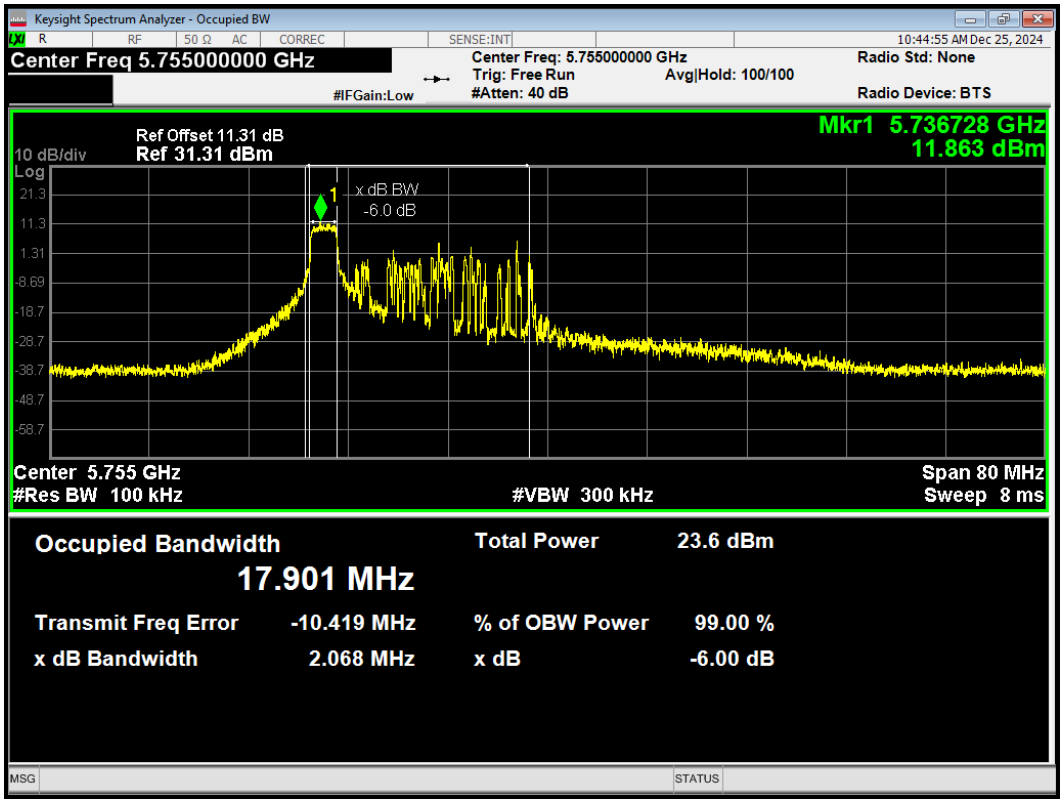
-6dB Bandwidth 802.11ax HE20 52-Tones 5825MHz



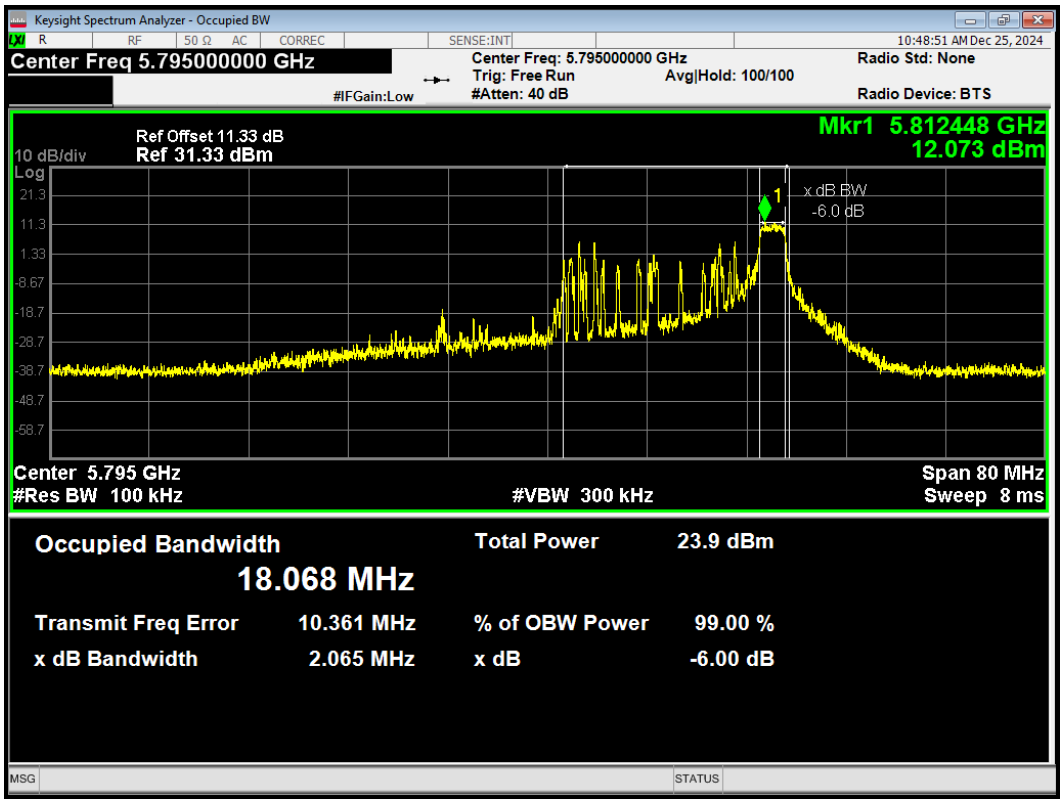
-6dB Bandwidth 802.11ax HE40 26-Tones 5710MHz



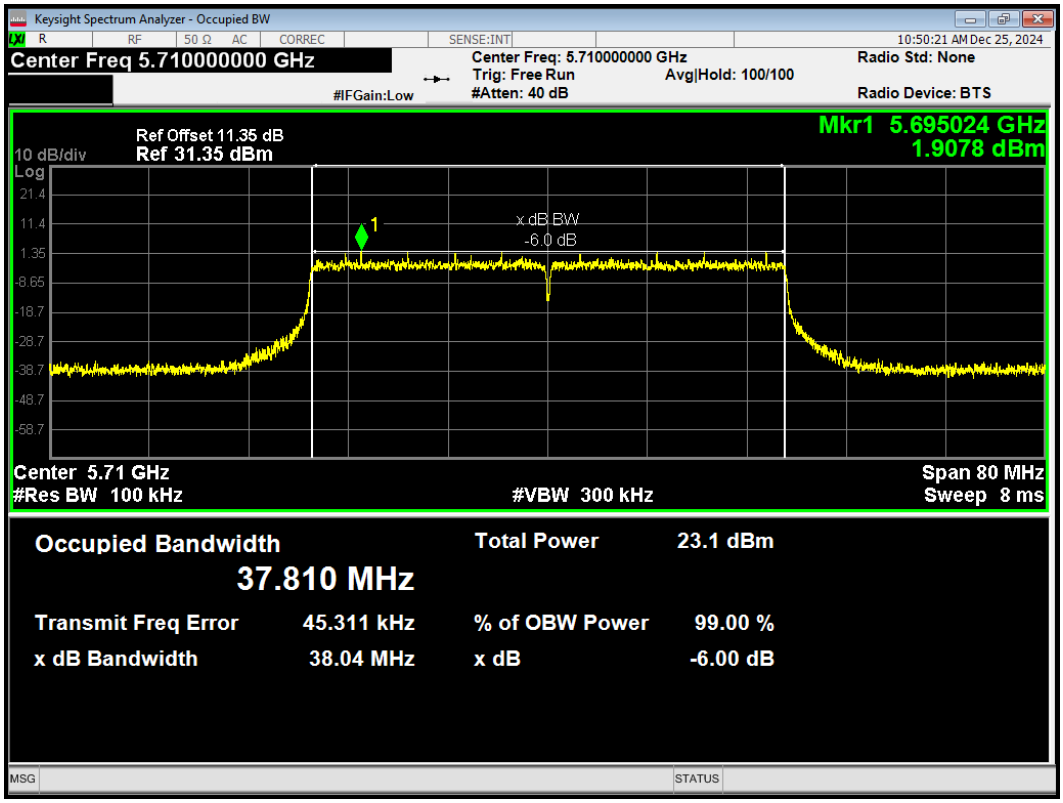
-6dB Bandwidth 802.11ax HE40 26-Tones 5755MHz



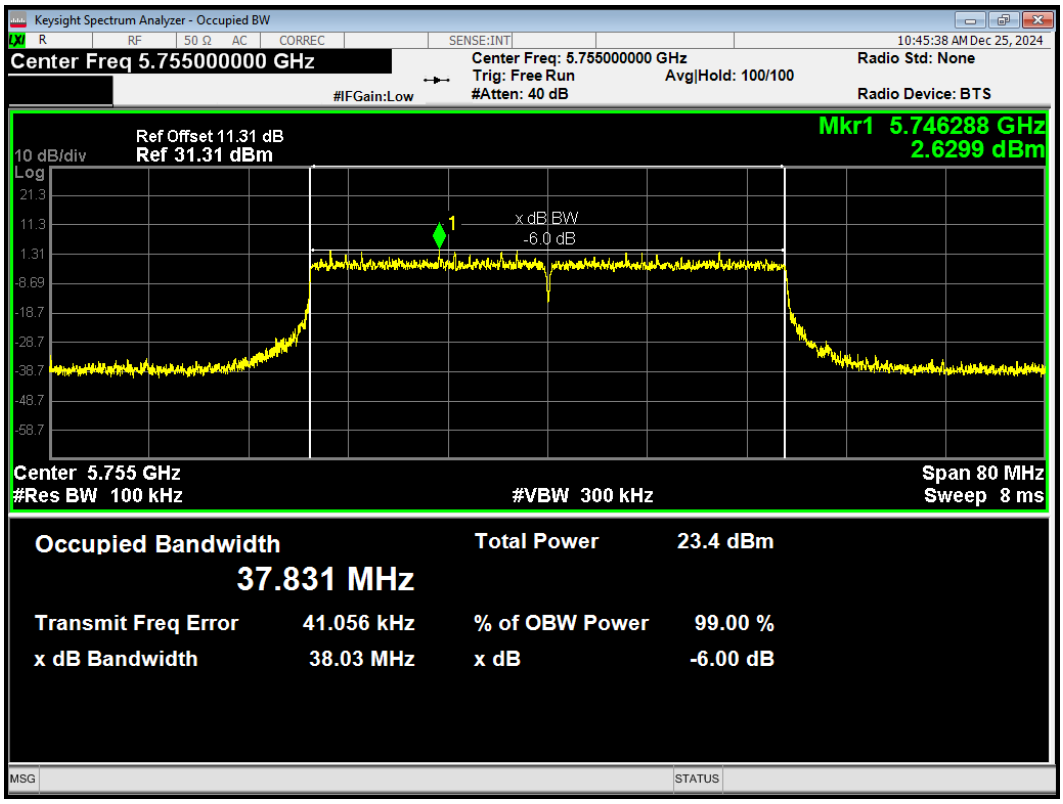
-6dB Bandwidth 802.11ax HE40 26-Tones 5795MHz



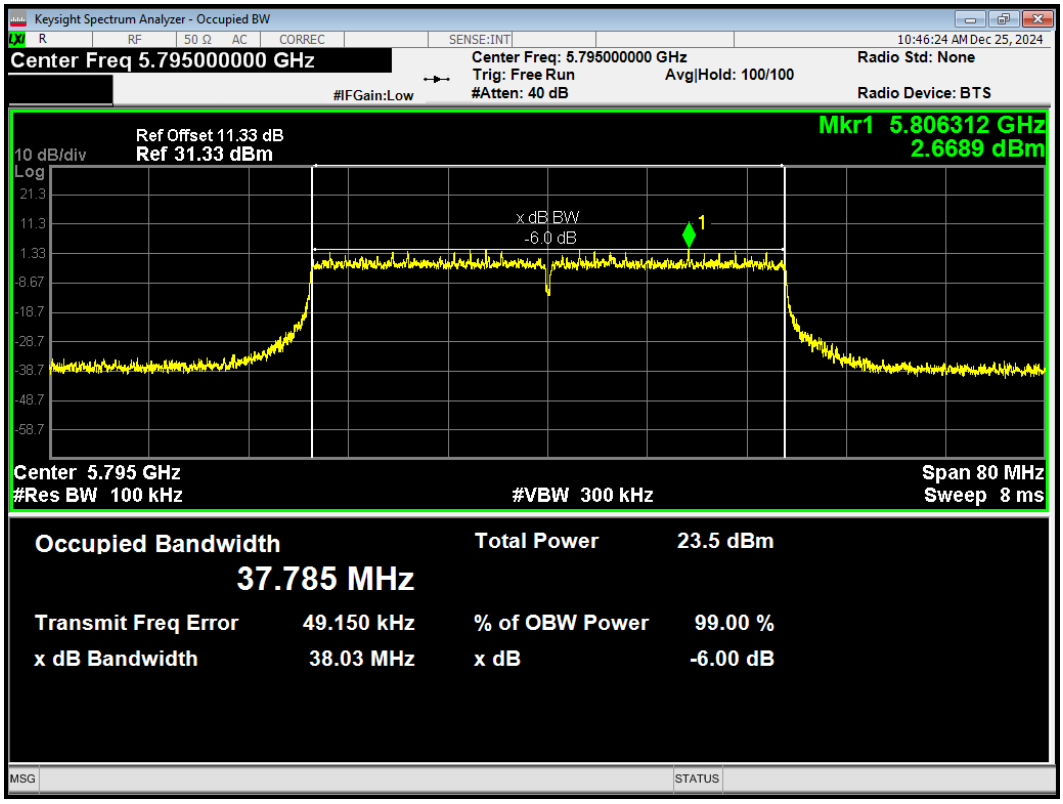
-6dB Bandwidth 802.11ax HE40 484-Tones 5710MHz



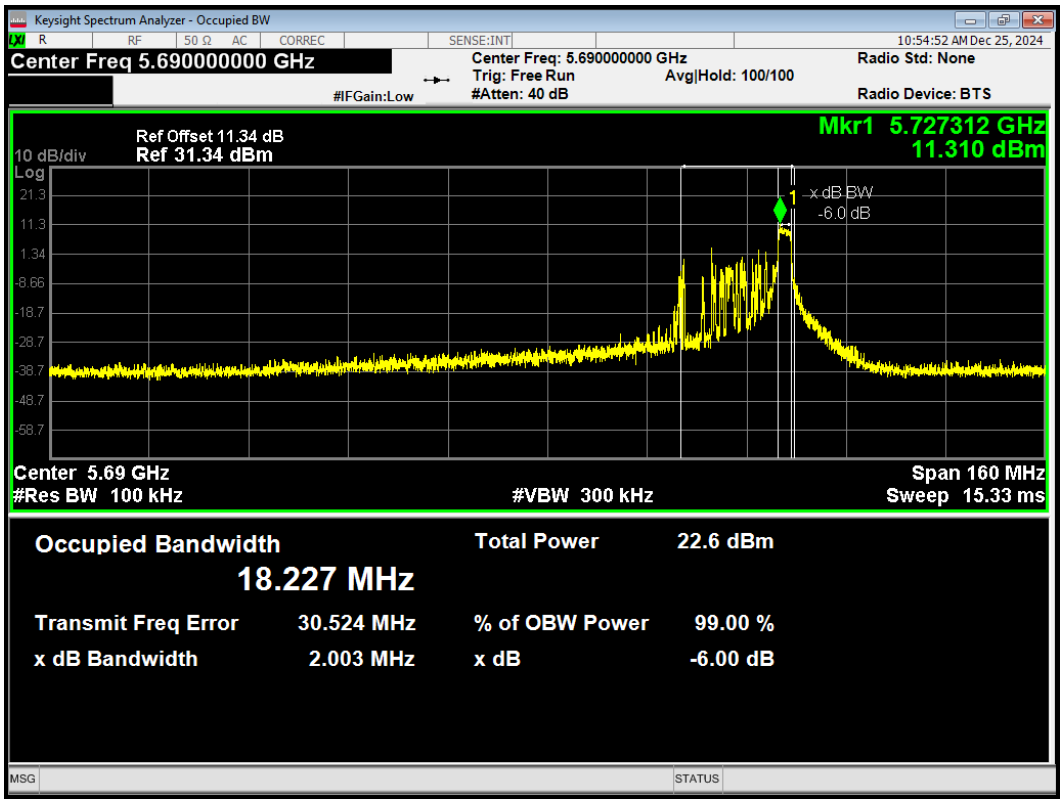
-6dB Bandwidth 802.11ax HE40 484-Tones 5755MHz



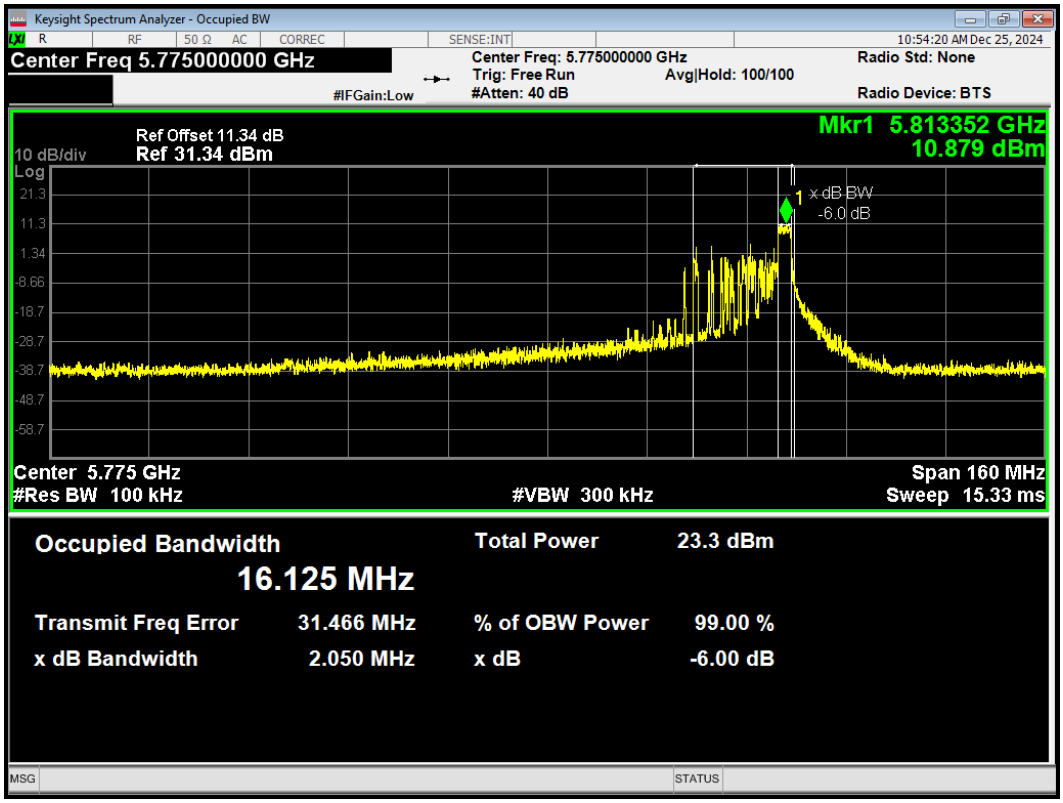
-6dB Bandwidth 802.11ax HE40 484-Tones 5795MHz



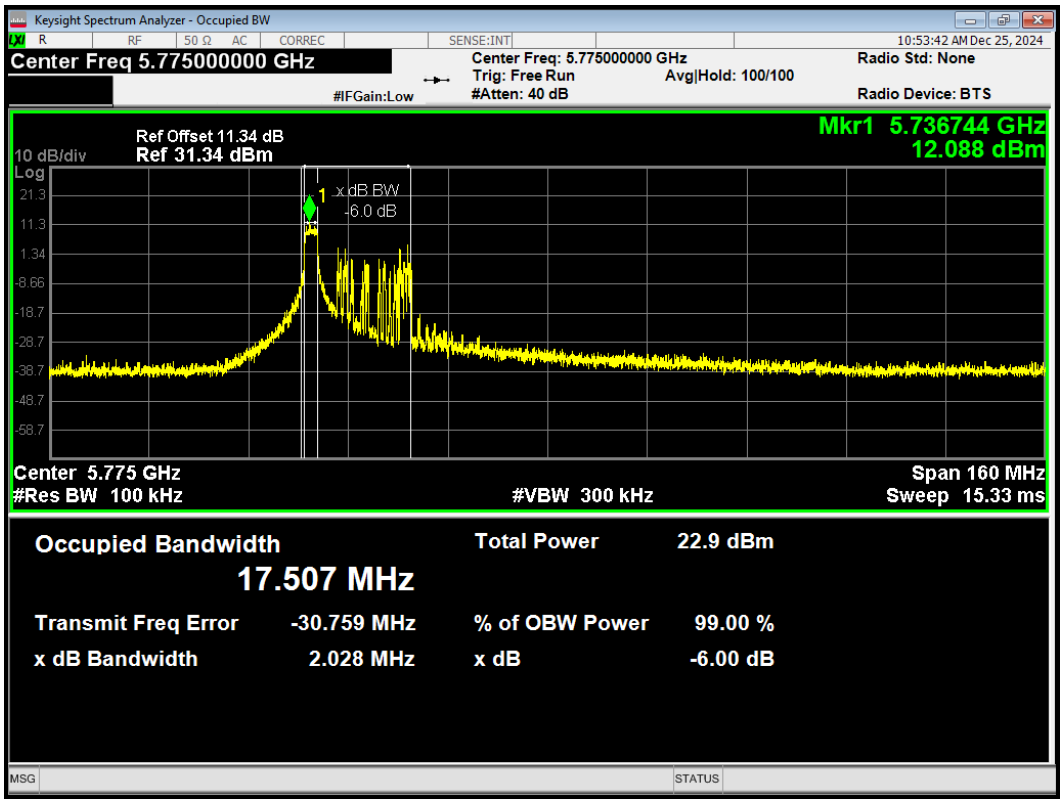
-6dB Bandwidth 802.11ax HE80 26-Tones 5690MHz



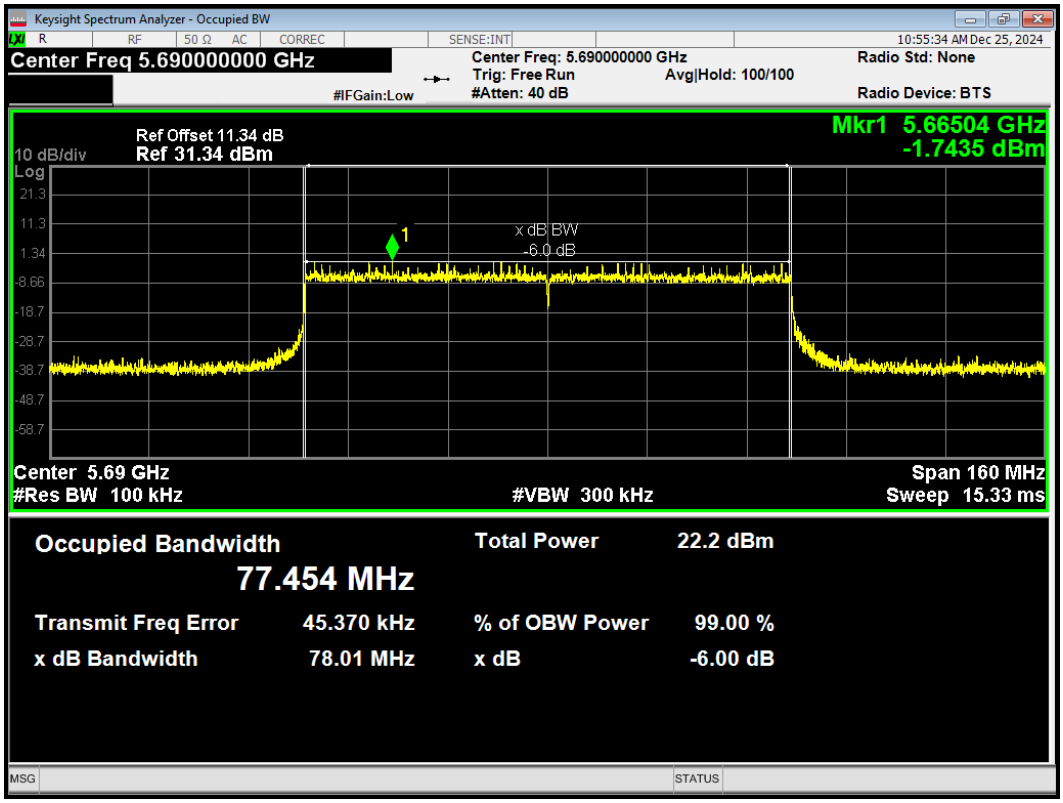
-6dB Bandwidth 802.11ax HE80 26-Tones 5775MHz



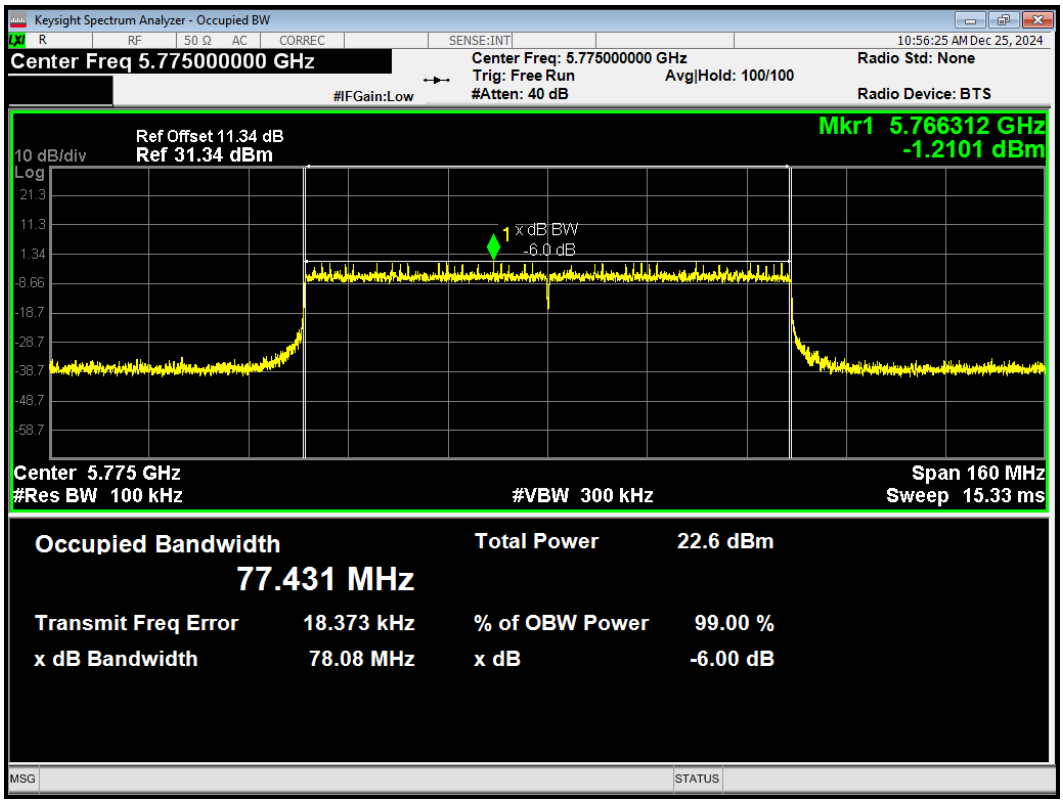
-6dB Bandwidth 802.11ax HE80 26-Tones 5775MHz



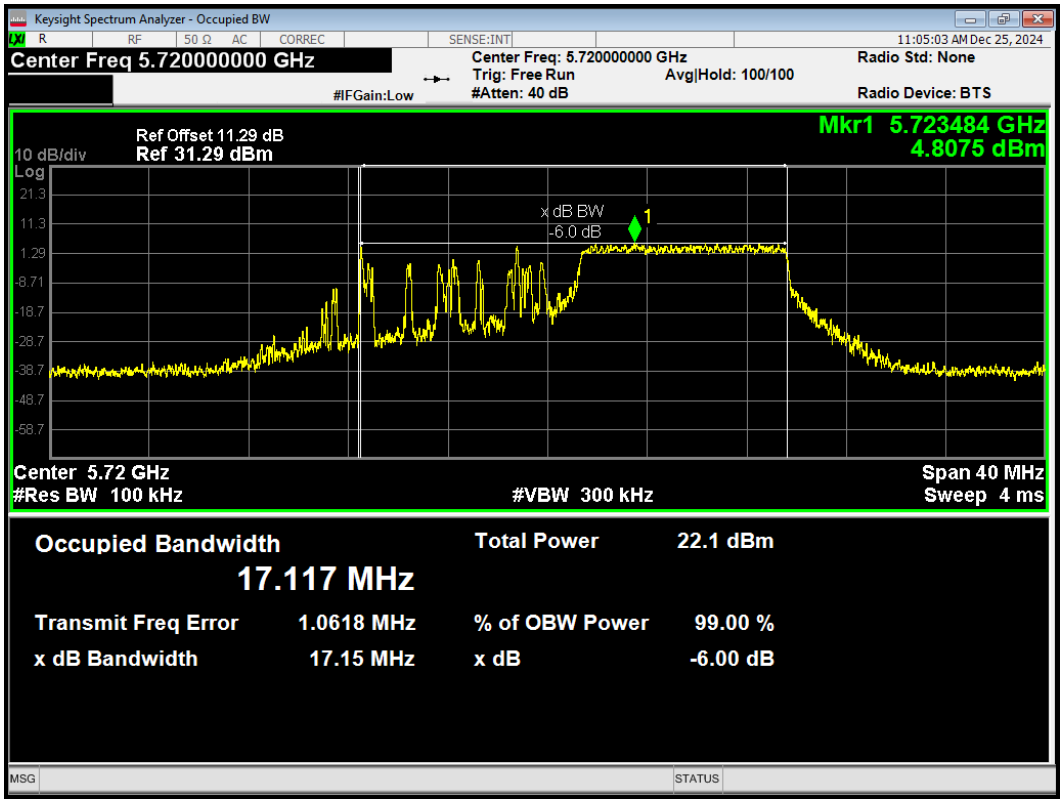
-6dB Bandwidth 802.11ax HE80 996-Tones 5690MHz



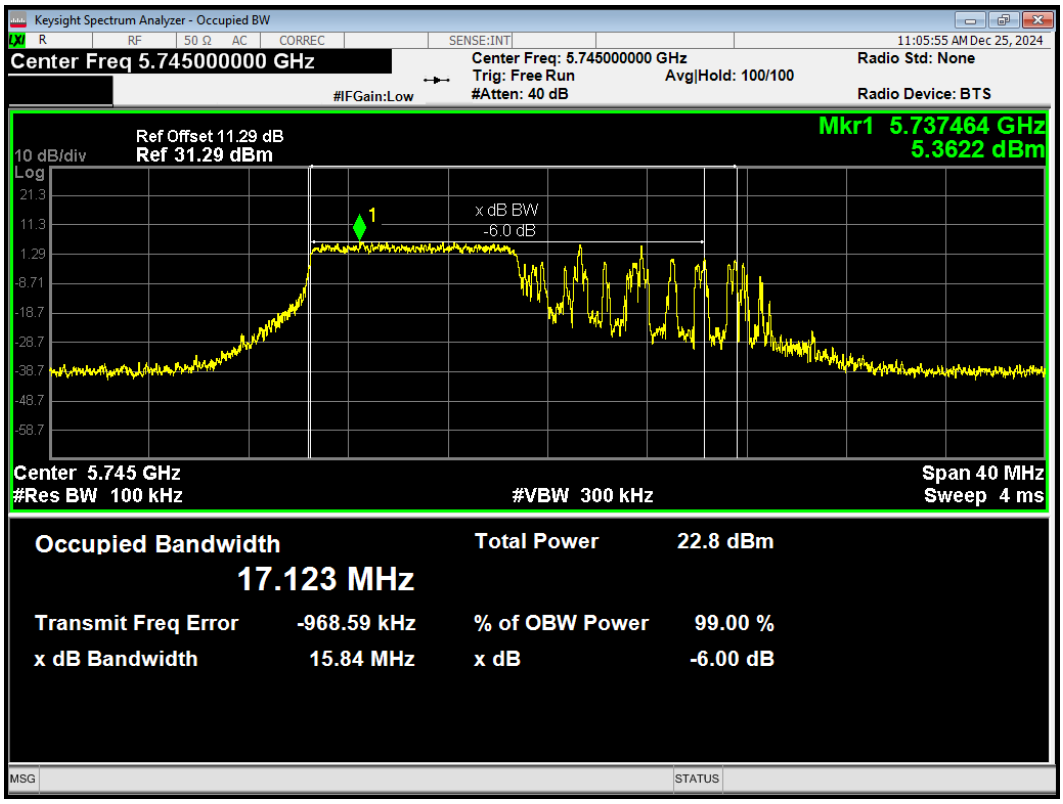
-6dB Bandwidth 802.11ax HE80 996-Tones 5775MHz



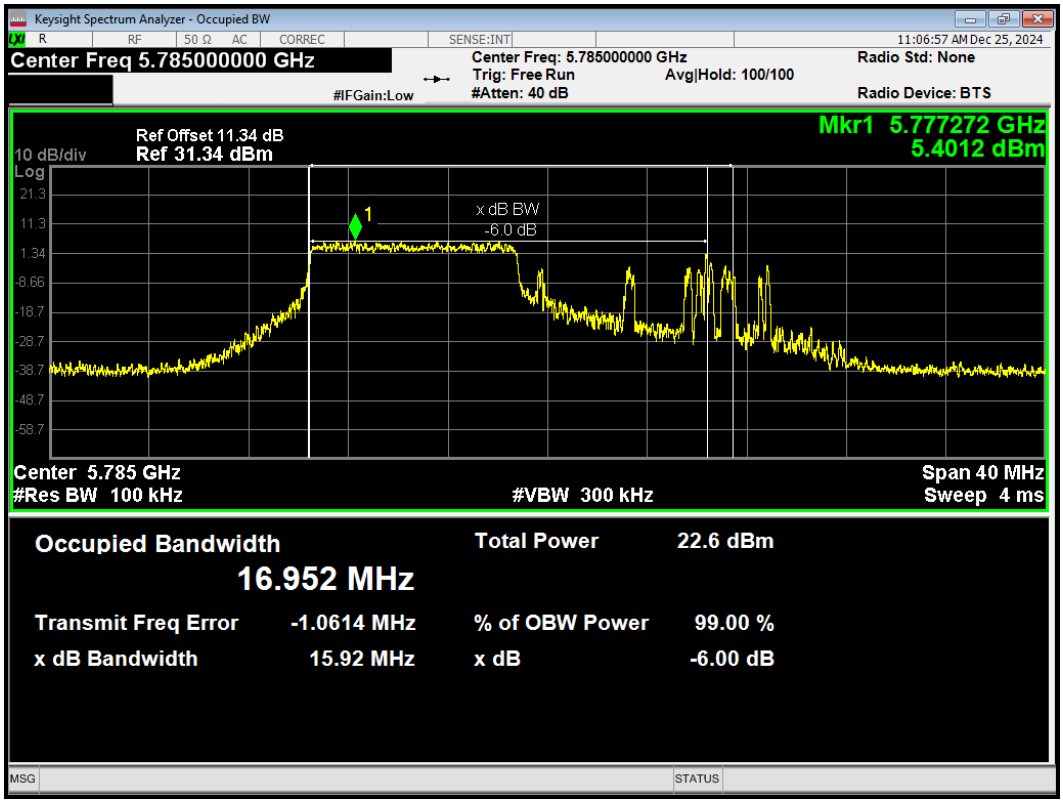
-6dB Bandwidth 802.11be(20) 106-Tones 5720MHz



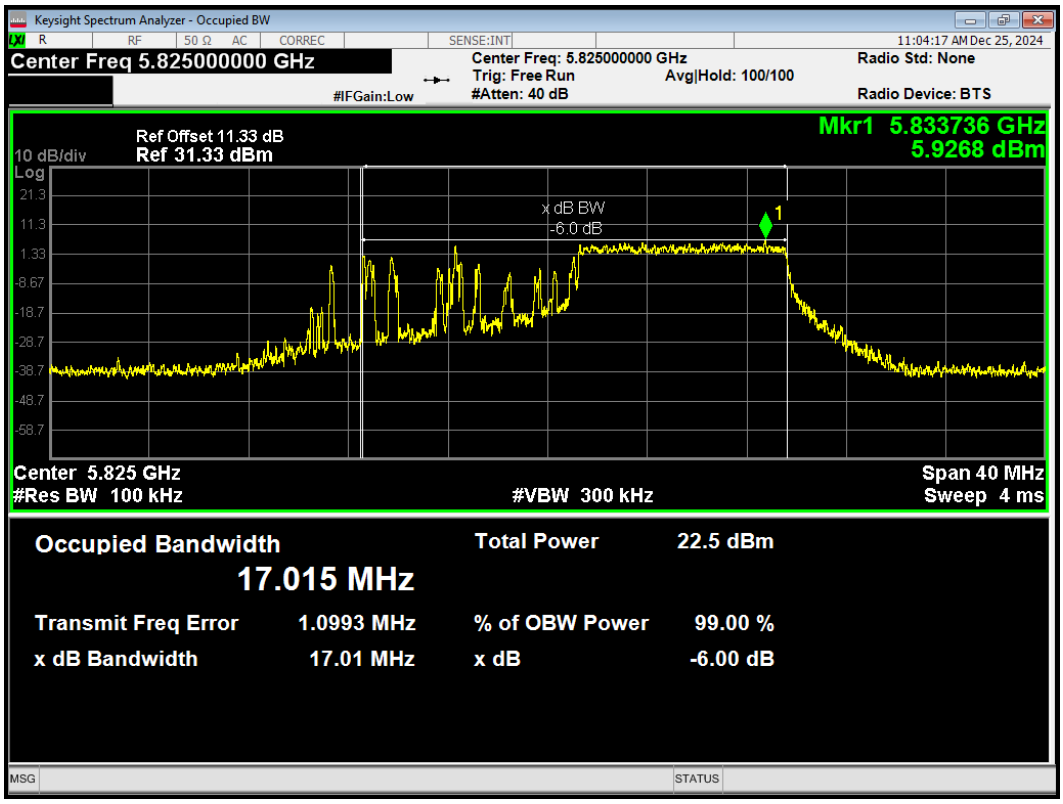
-6dB Bandwidth 802.11be(20) 106-Tones 5745MHz



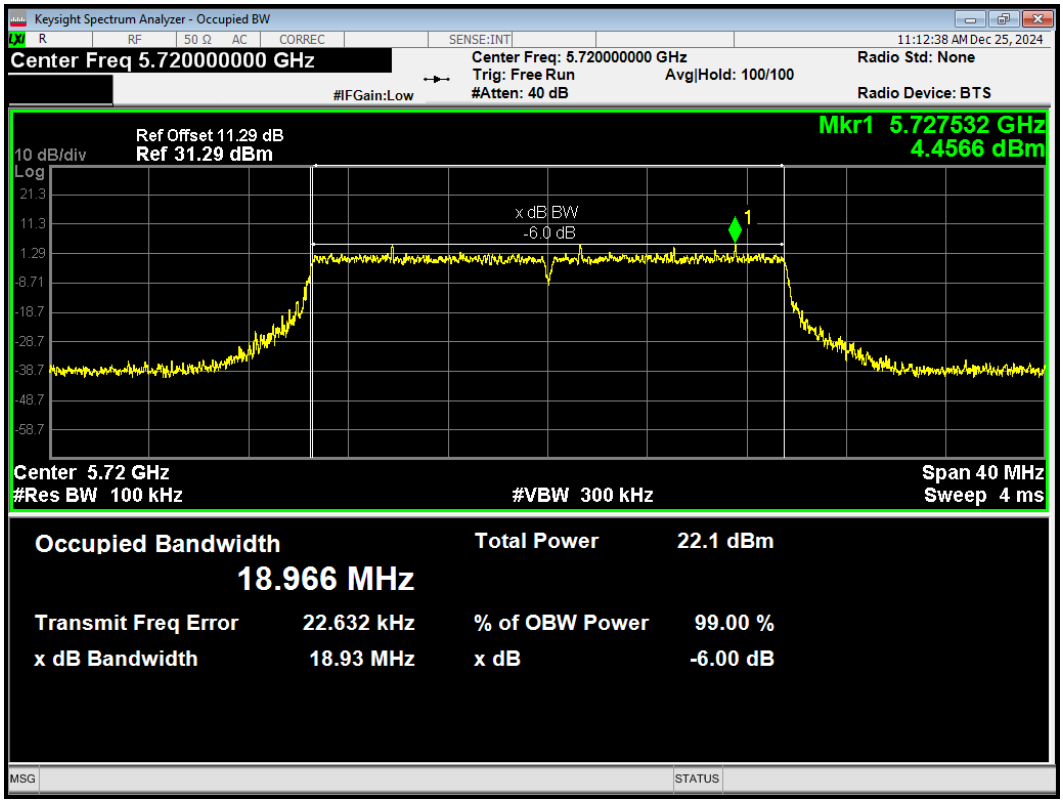
-6dB Bandwidth 802.11be(20) 106-Tones 5785MHz



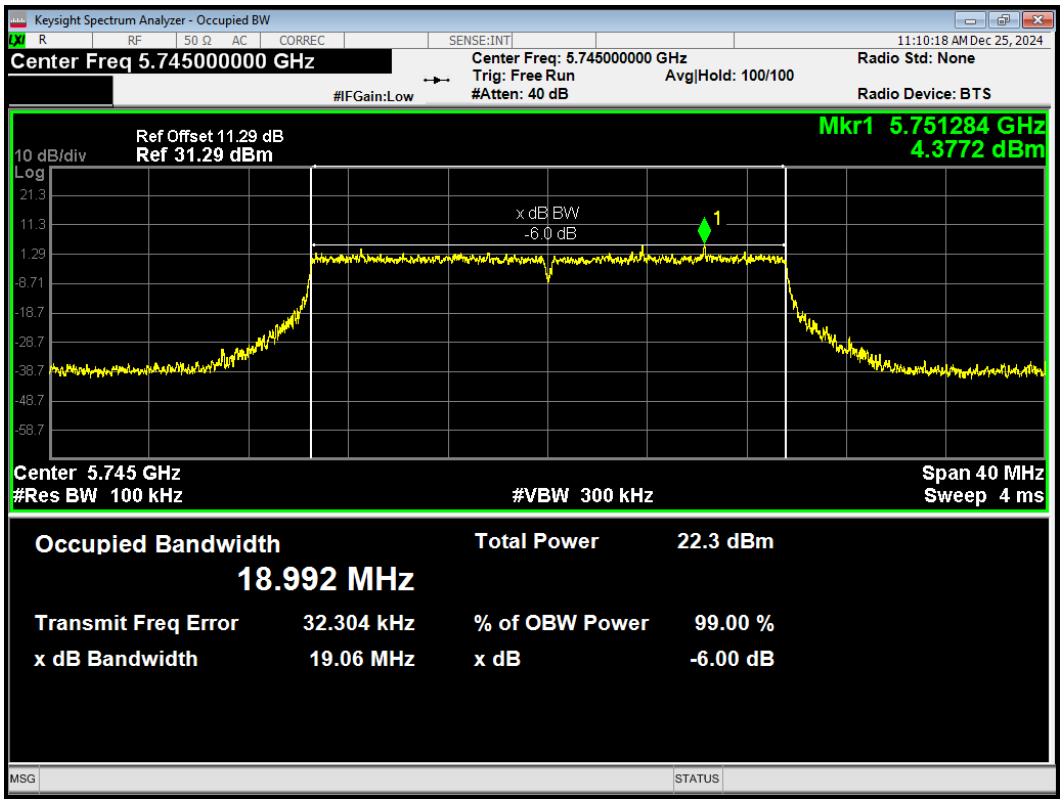
-6dB Bandwidth 802.11be(20) 106-Tones 5825MHz



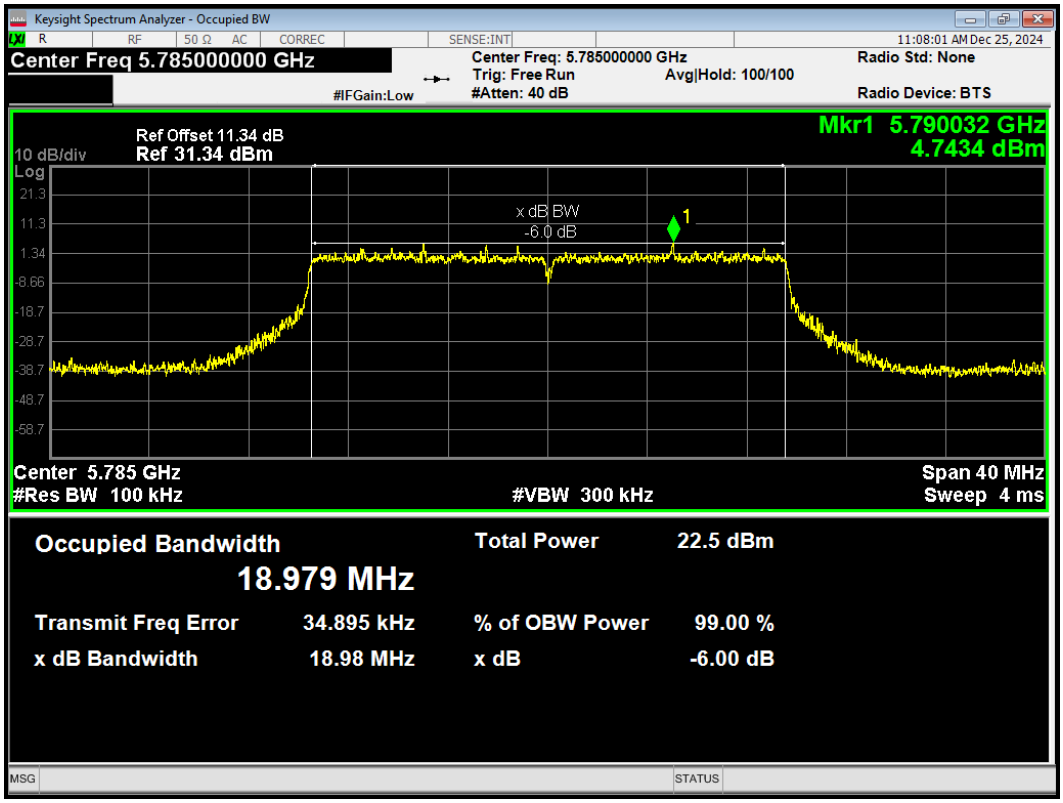
-6dB Bandwidth 802.11be(20) 242-Tones 5720MHz



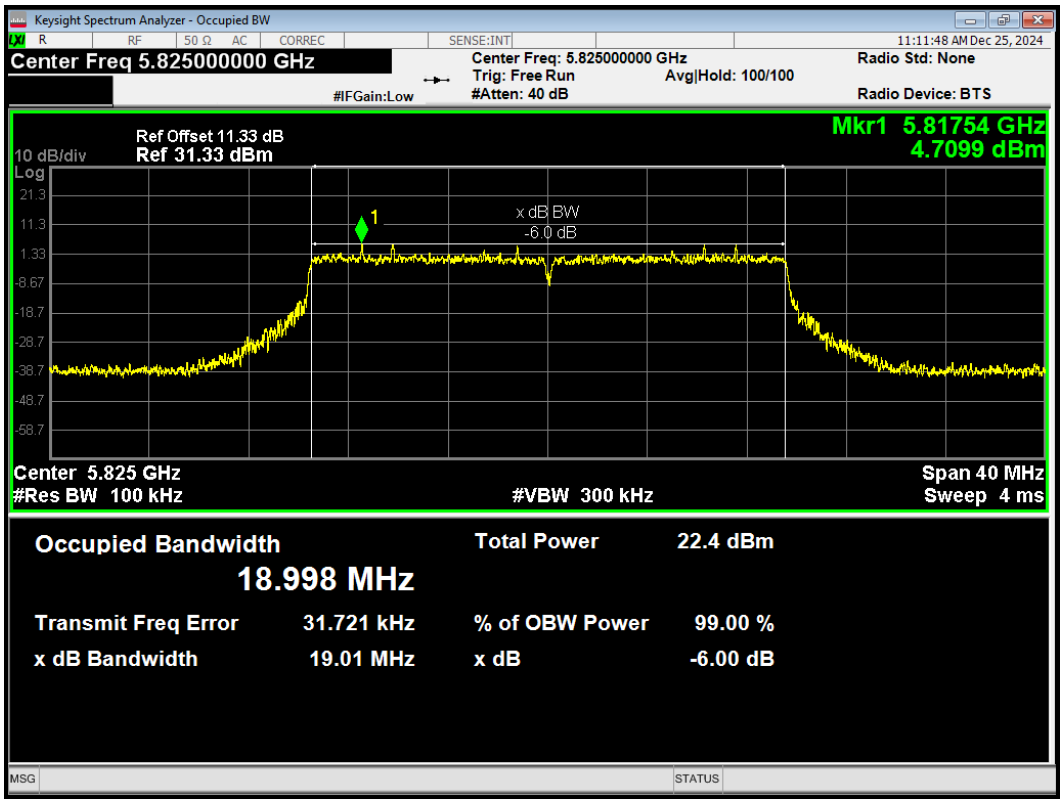
-6dB Bandwidth 802.11be(20) 242-Tones 5745MHz



-6dB Bandwidth 802.11be(20) 242-Tones 5785MHz



-6dB Bandwidth 802.11be(20) 242-Tones 5825MHz



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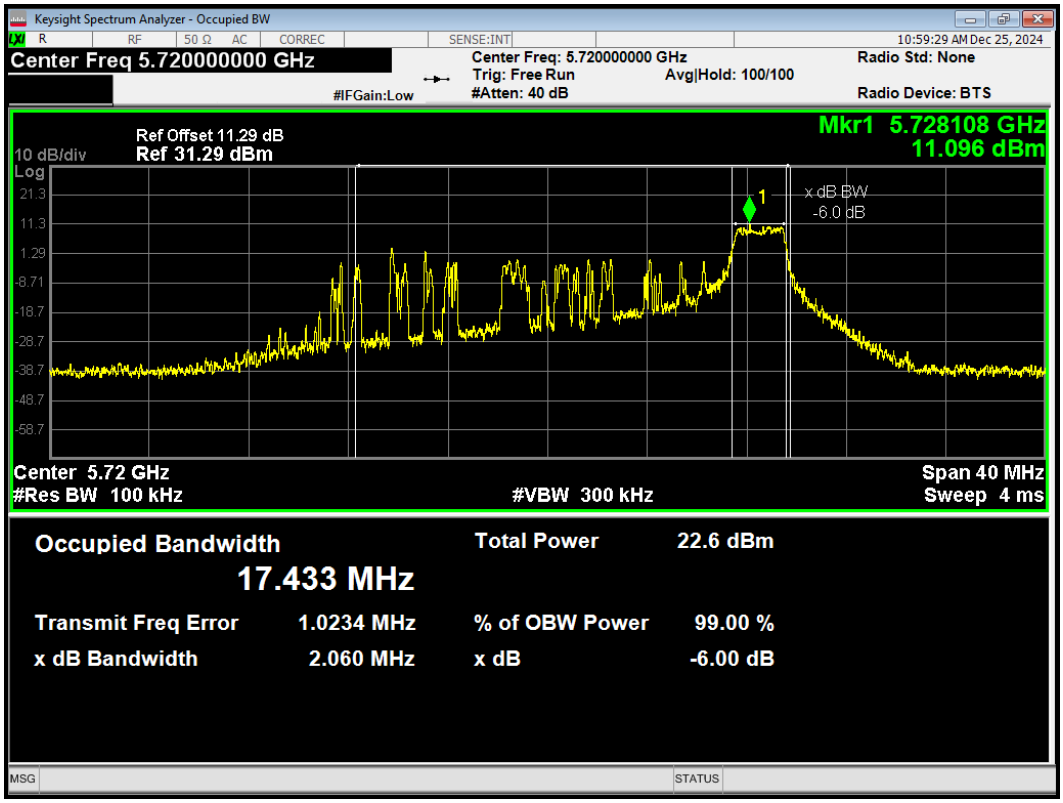
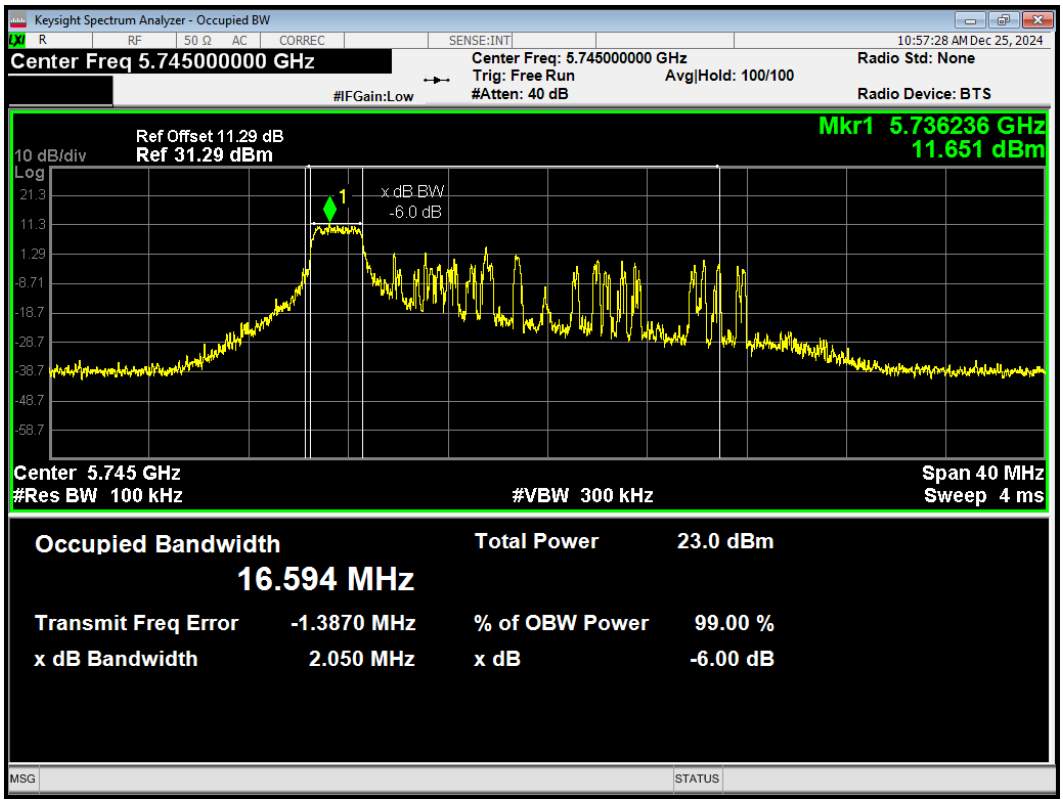
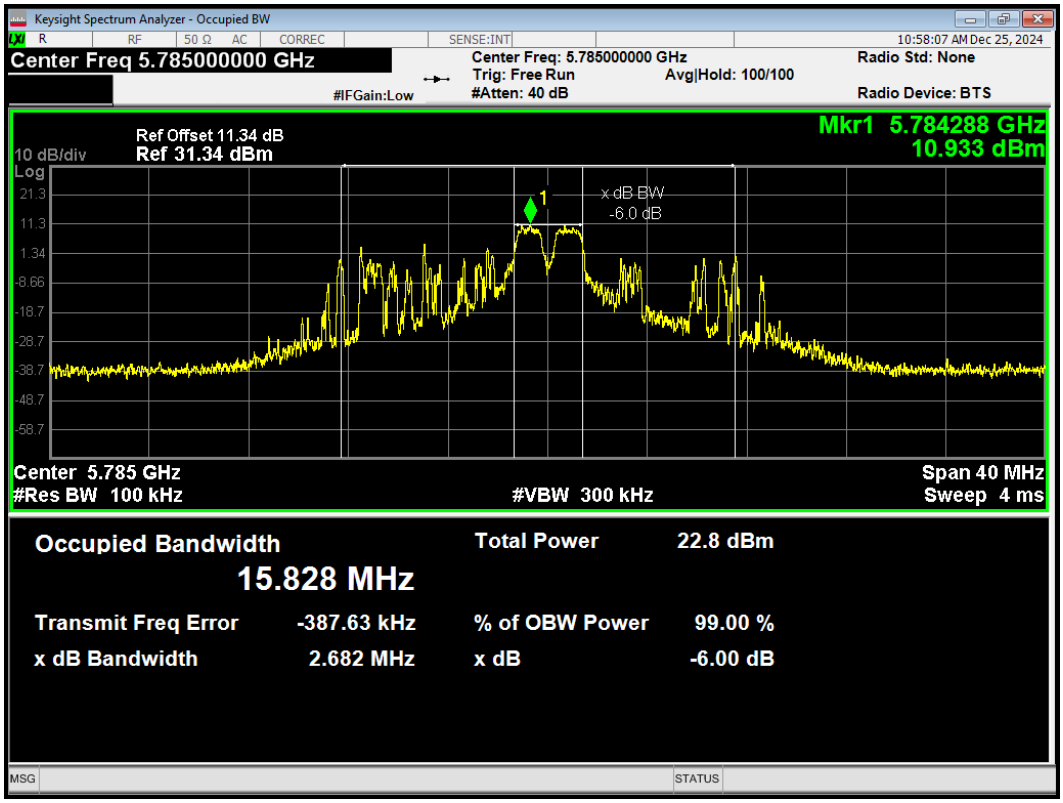


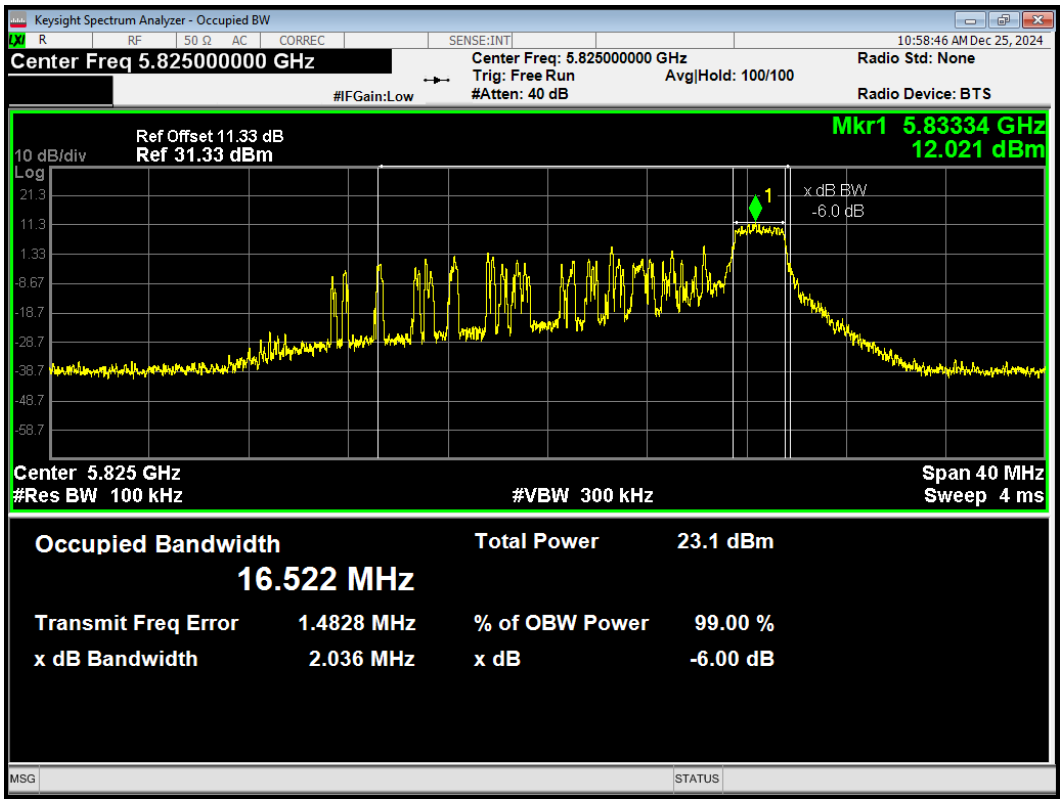
-6dB Bandwidth 802.11be(20) 26-Tones 5745MHz



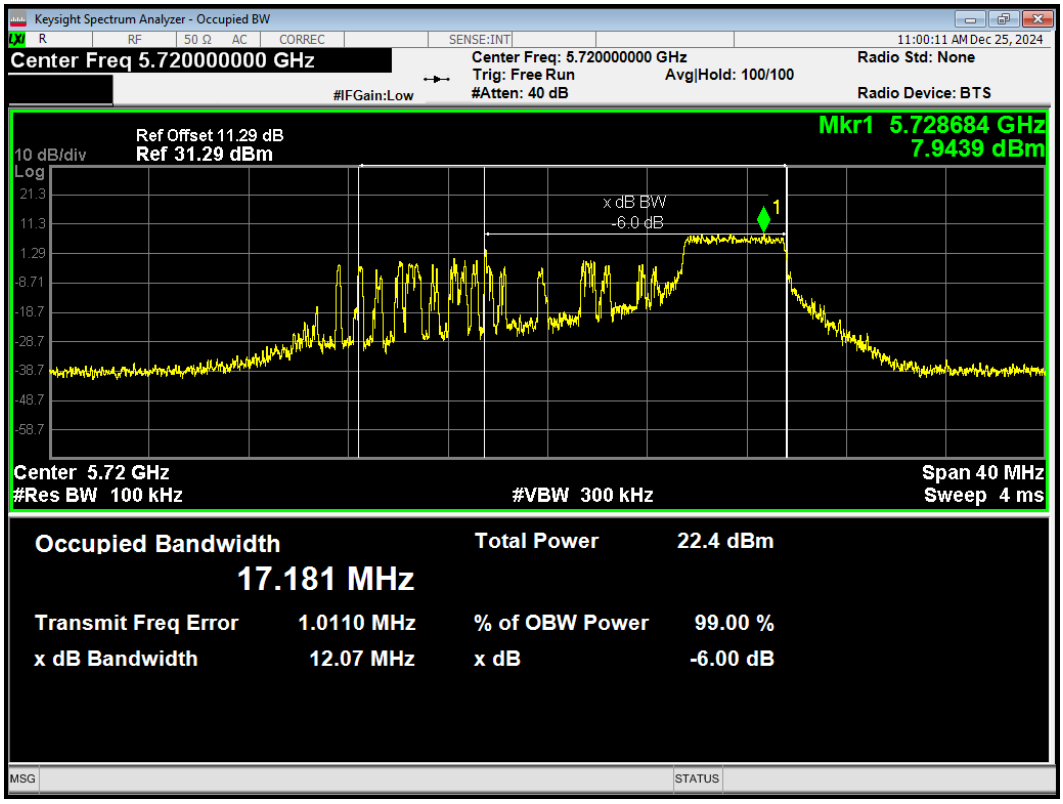
-6dB Bandwidth 802.11be(20) 26-Tones 5785MHz



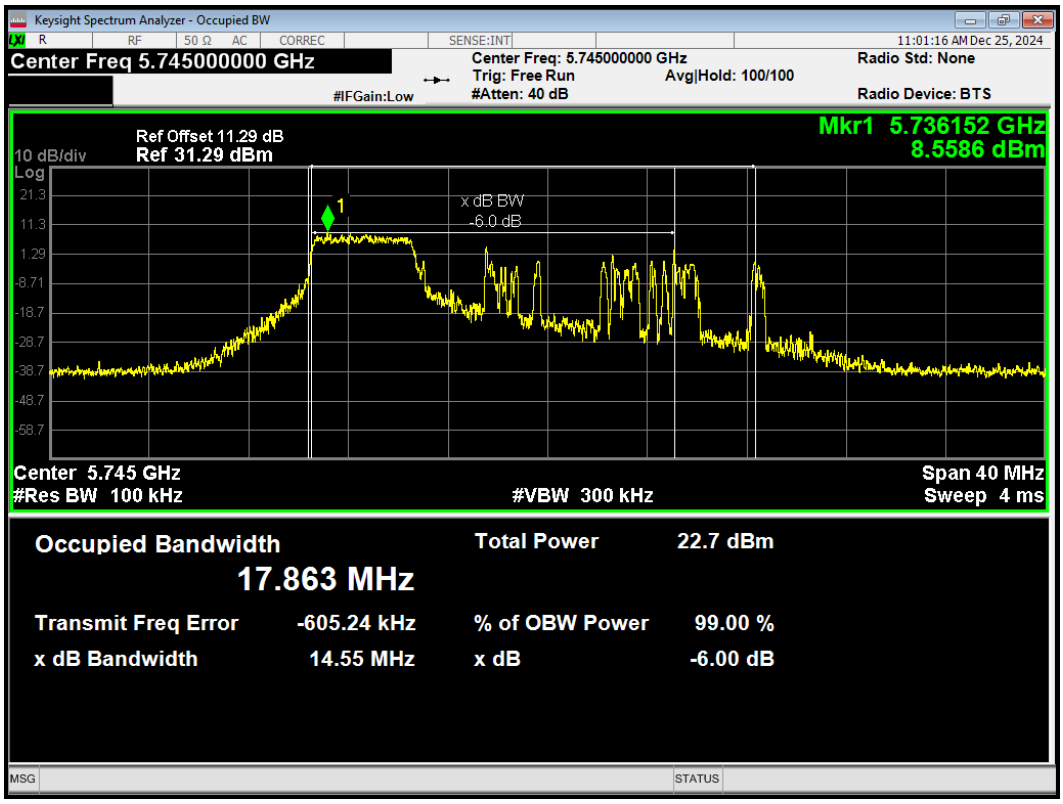
-6dB Bandwidth 802.11be(20) 26-Tones 5825MHz



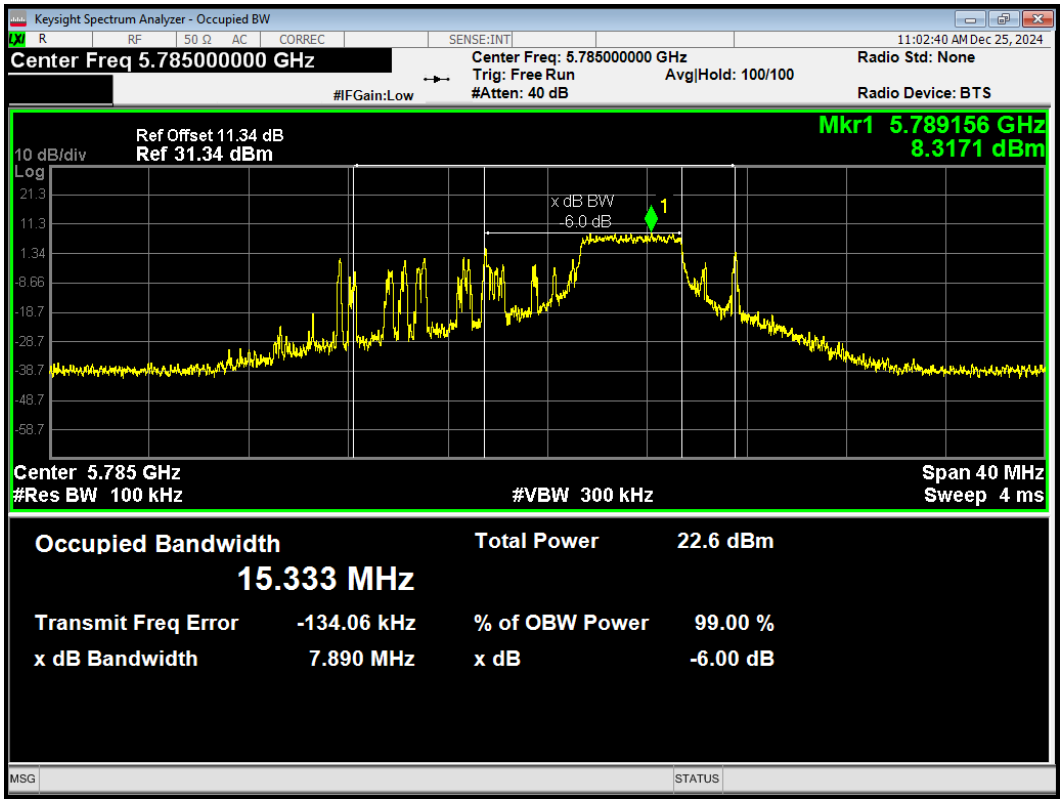
-6dB Bandwidth 802.11be(20) 52-Tones 5720MHz



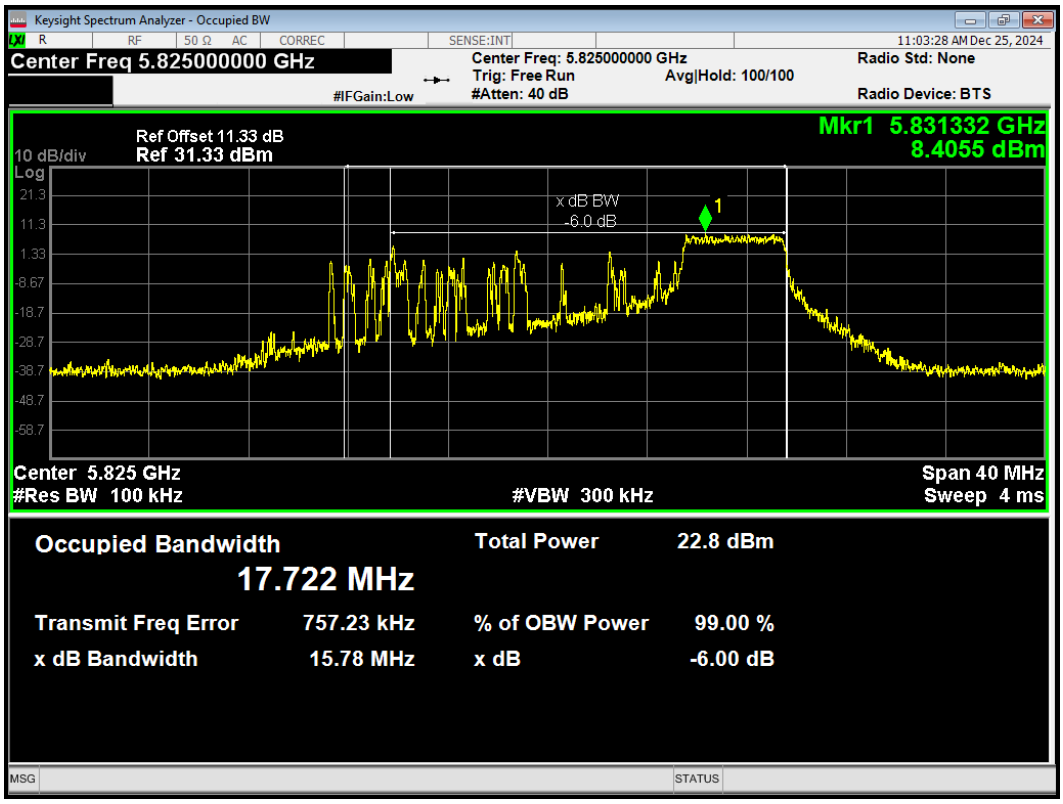
-6dB Bandwidth 802.11be(20) 52-Tones 5745MHz



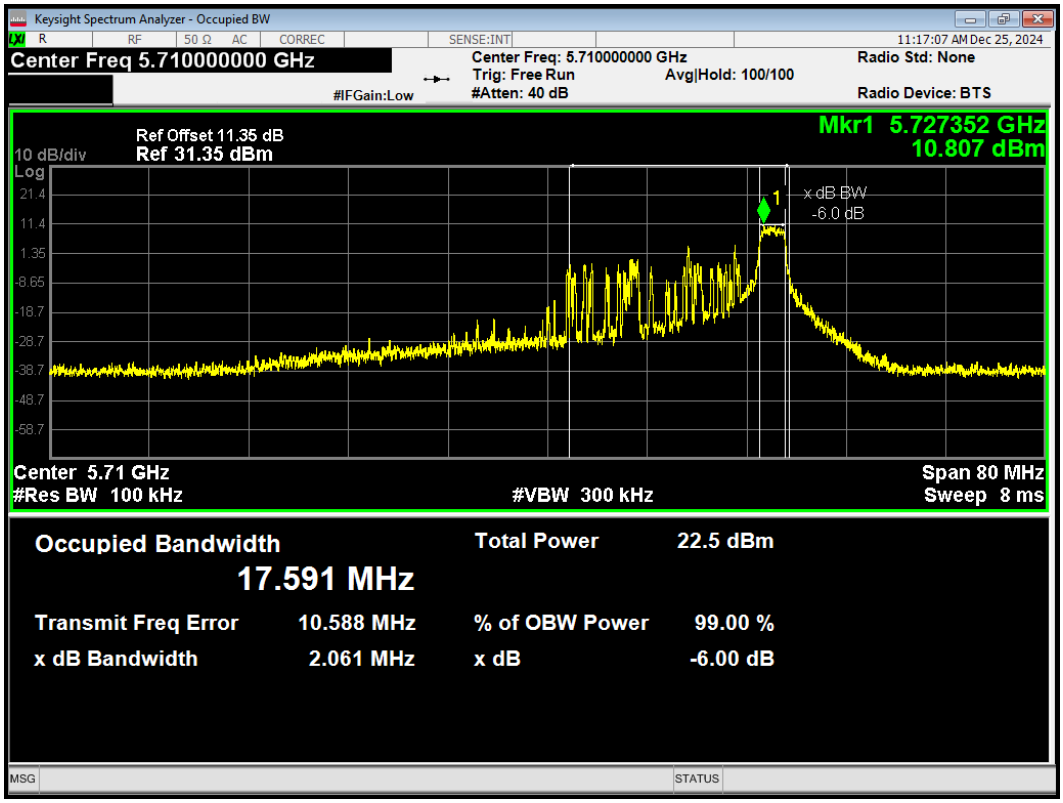
-6dB Bandwidth 802.11be(20) 52-Tones 5785MHz



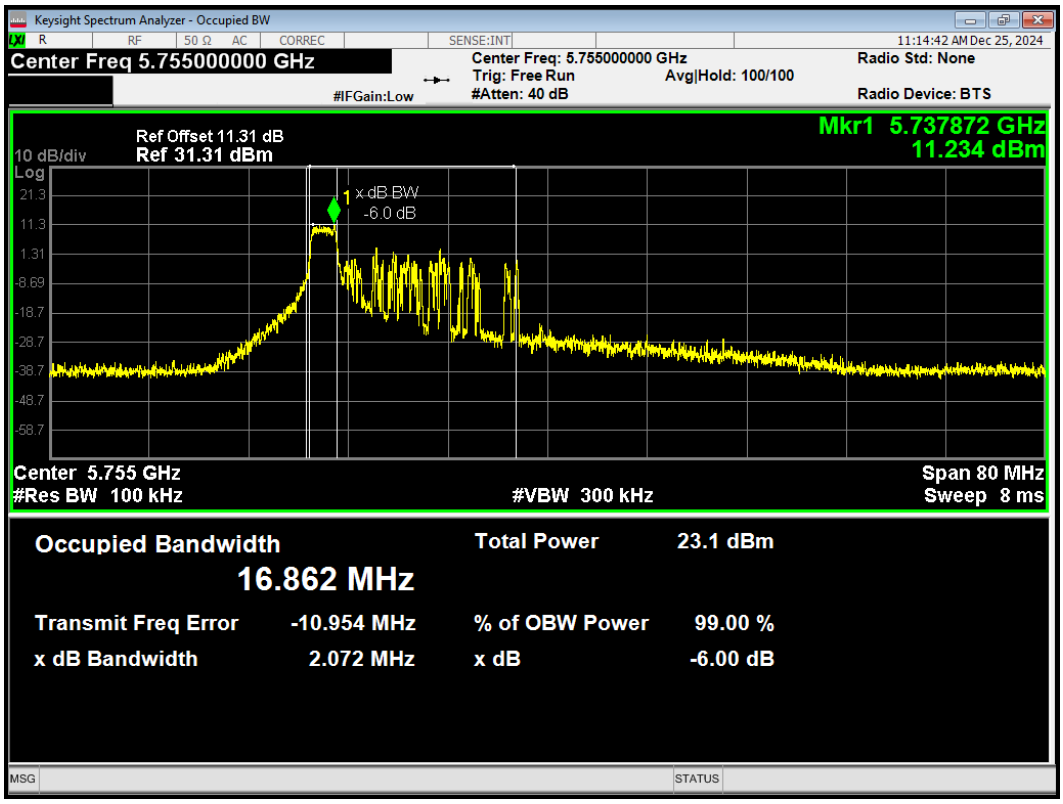
-6dB Bandwidth 802.11be(20) 52-Tones 5825MHz



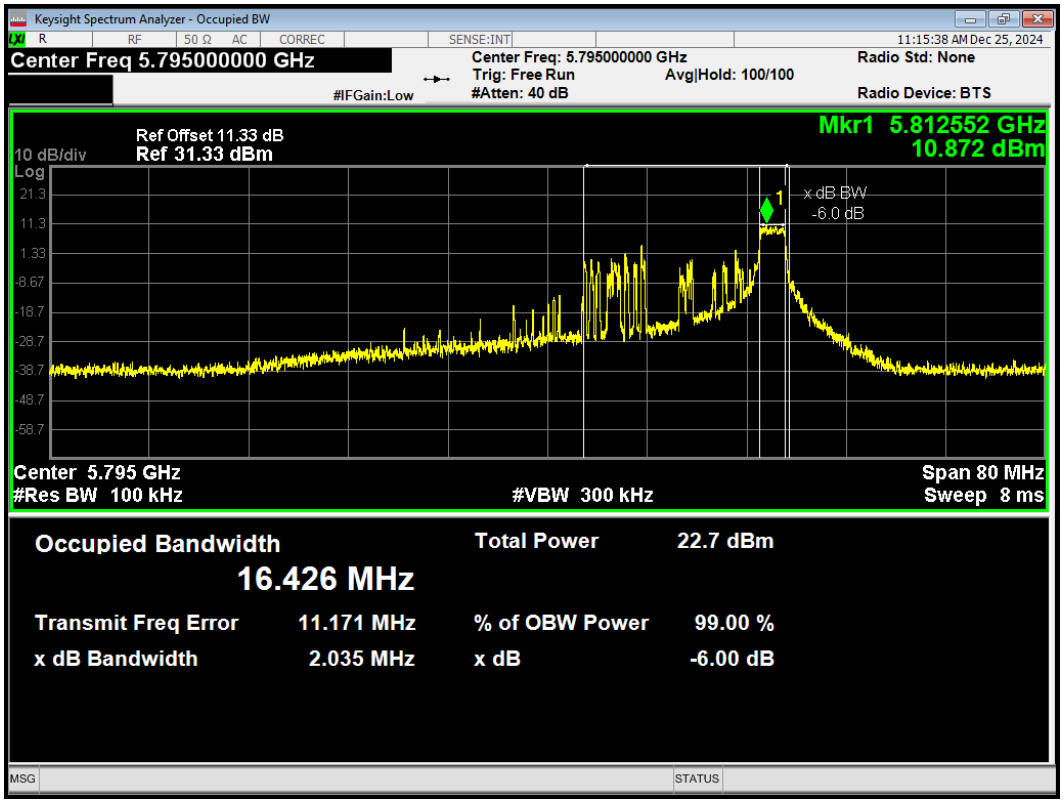
-6dB Bandwidth 802.11be(40) 26-Tones 5710MHz



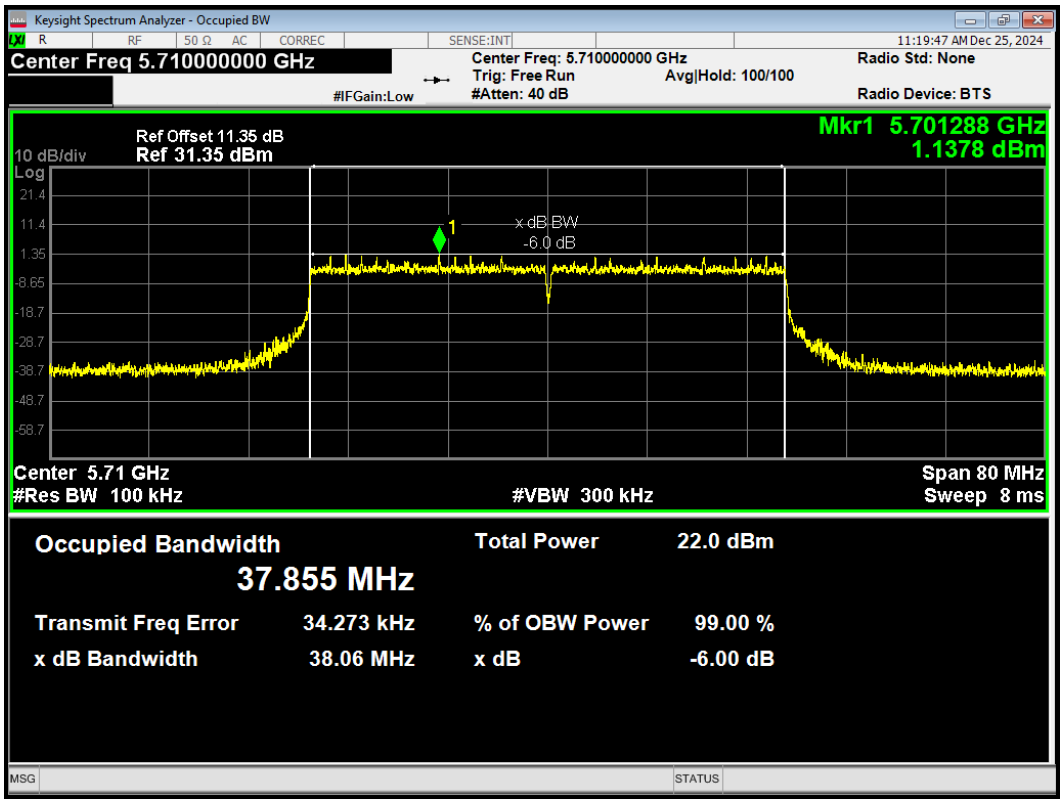
-6dB Bandwidth 802.11be(40) 26-Tones 5755MHz



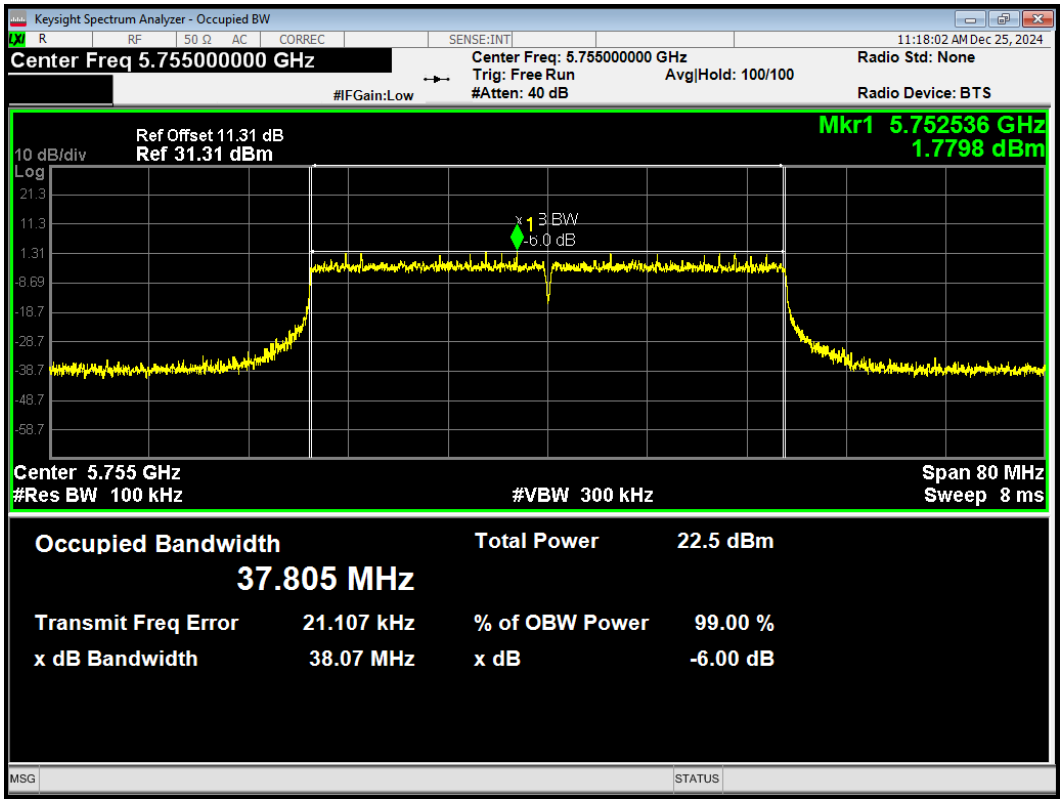
-6dB Bandwidth 802.11be(40) 26-Tones 5795MHz



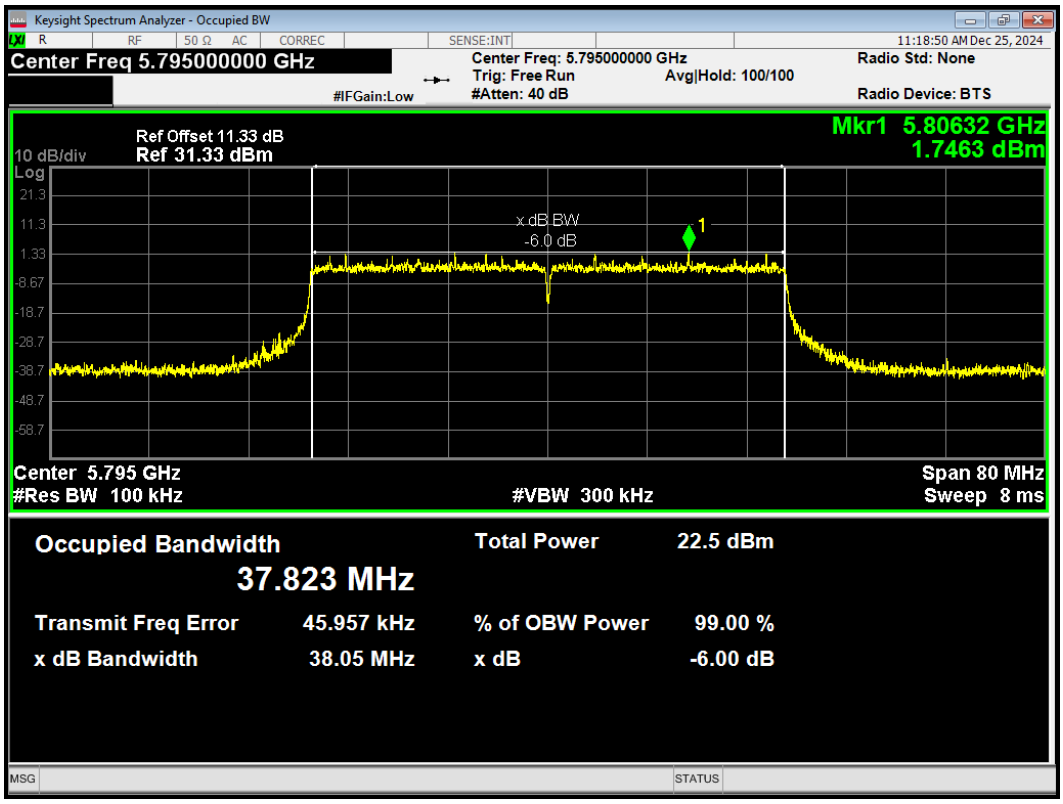
-6dB Bandwidth 802.11be(40) 484-Tones 5710MHz



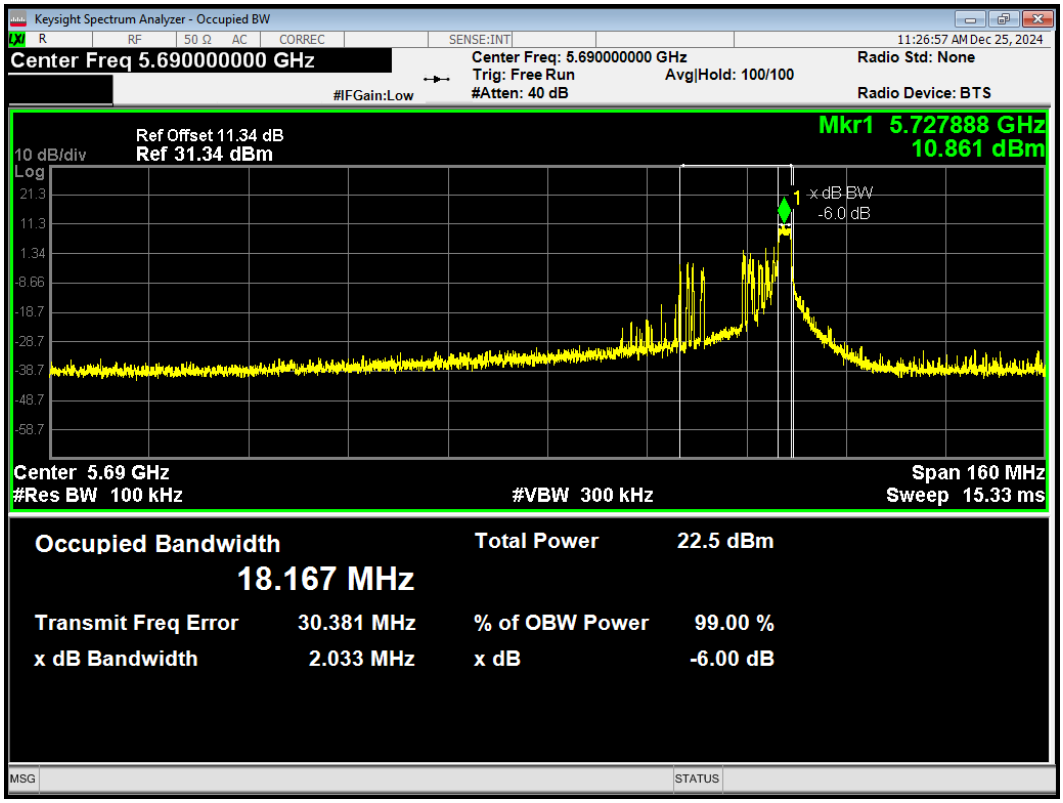
-6dB Bandwidth 802.11be(40) 484-Tones 5755MHz



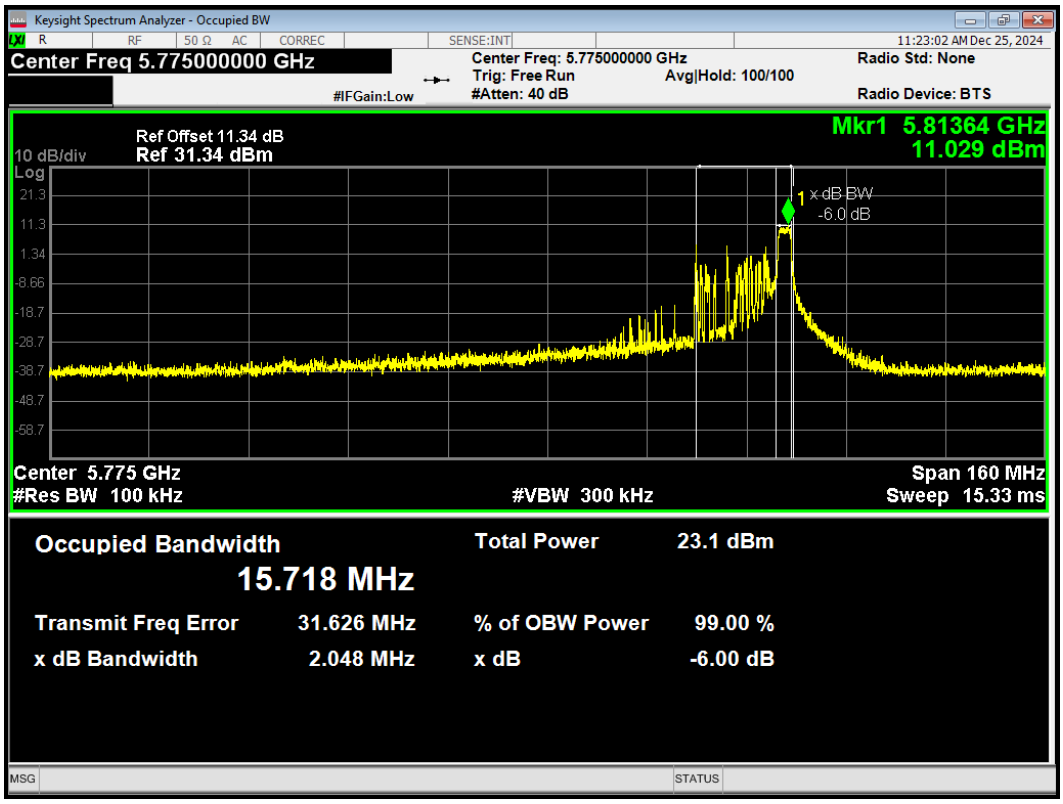
-6dB Bandwidth 802.11be(40) 484-Tones 5795MHz



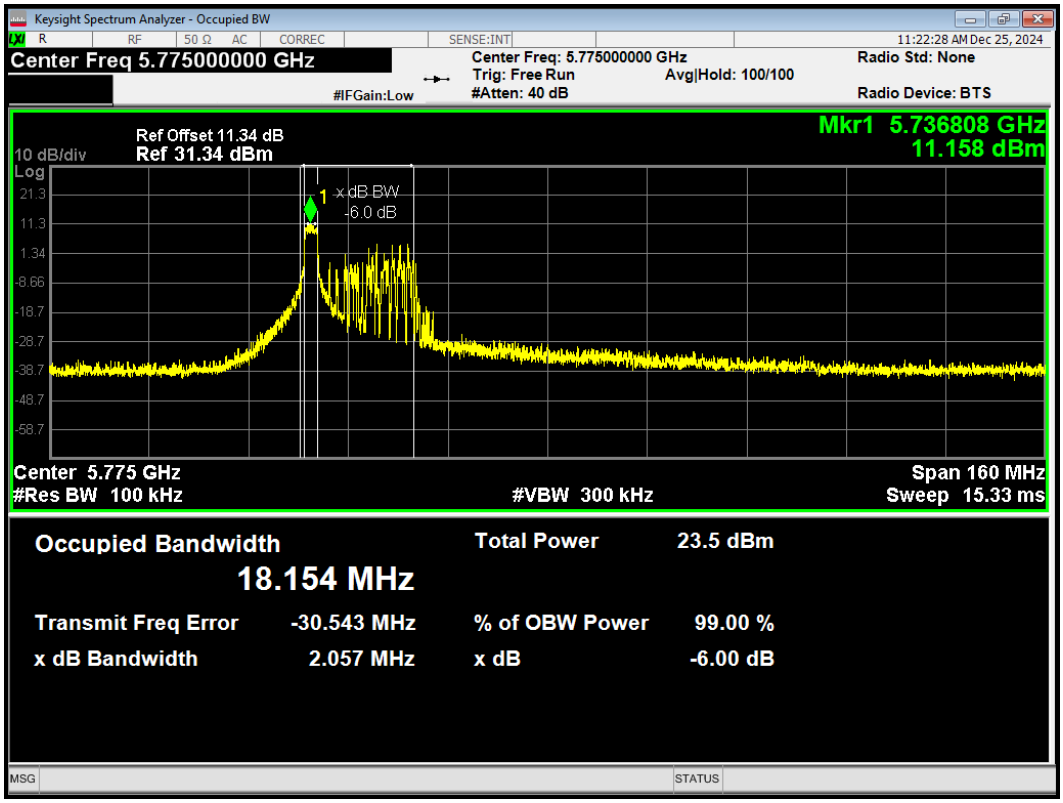
-6dB Bandwidth 802.11be(80) 26-Tones index-36 5690MHz



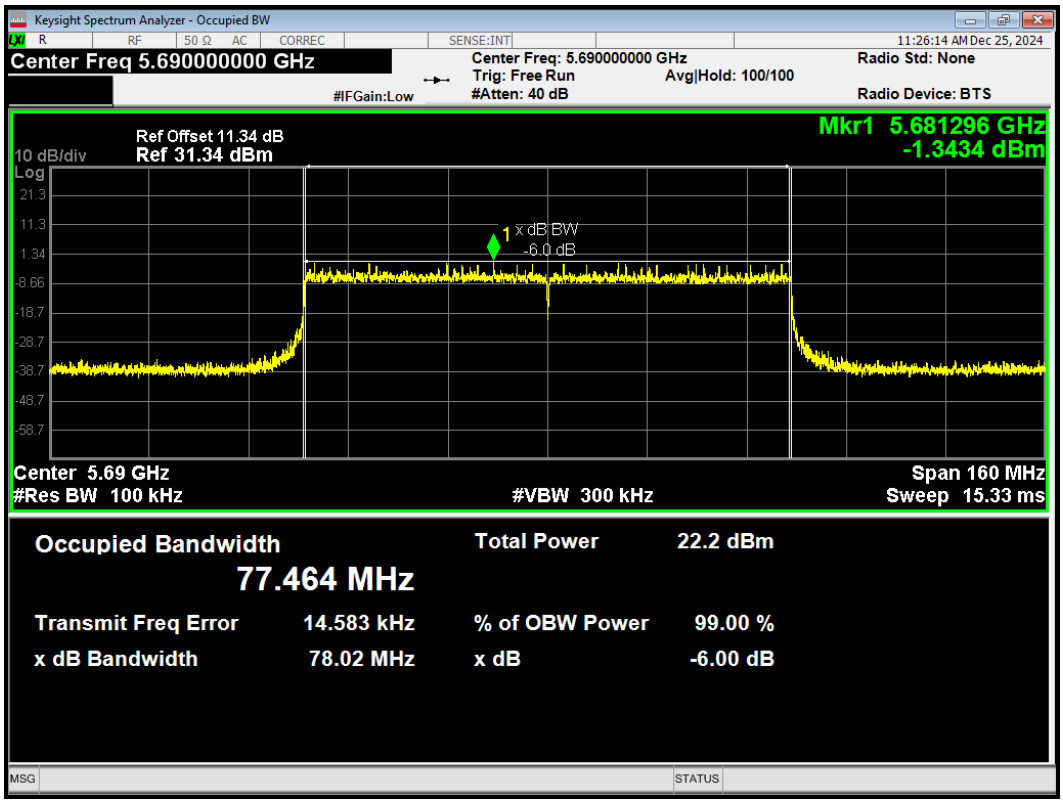
-6dB Bandwidth 802.11be(80) 26-Tones index-36 5775MHz



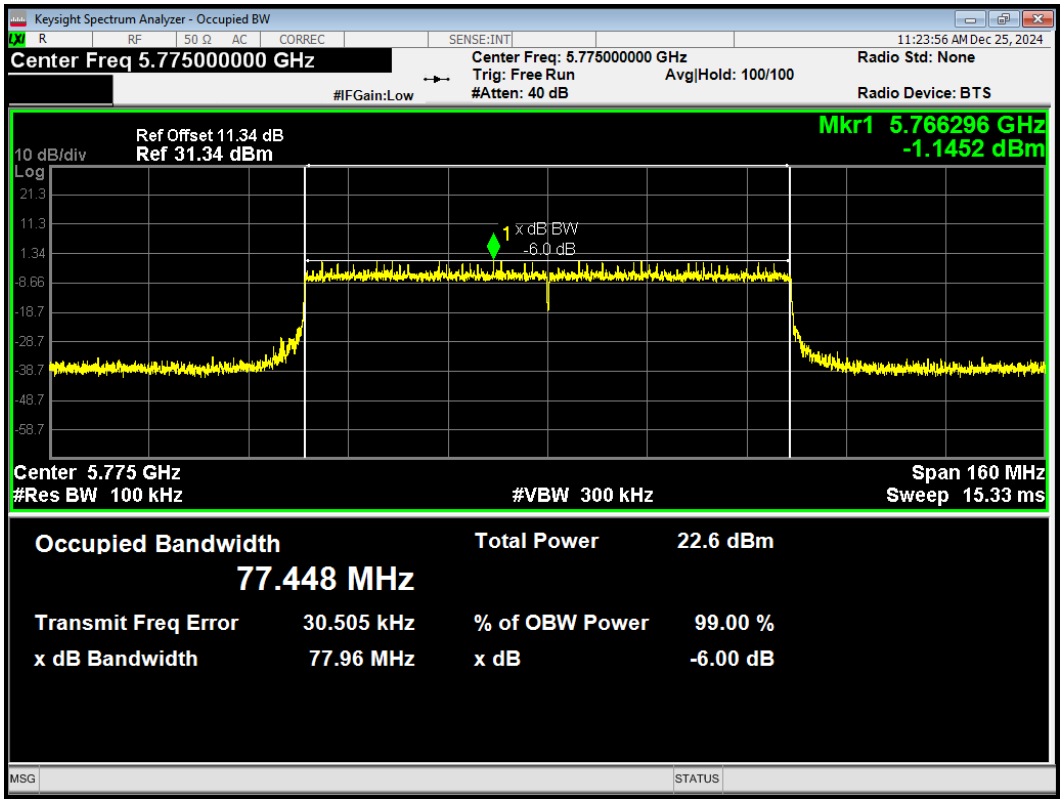
-6dB Bandwidth 802.11be(80) 26-Tones 5775MHz



-6dB Bandwidth 802.11be(80) 996-Tones 5690MHz



-6dB Bandwidth 802.11be(80) 996-Tones 5775MHz



5.2. Average Power Output

Ambient condition

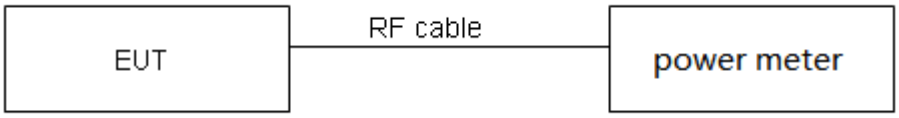
Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

During the process of the testing, The EUT was connected to the average power meter through an external attenuator and a known loss cable. The EUT is max power transmission with proper modulation. We use Maximum average Conducted Output Power Level Method in KDB789033 for this test

The conducted Power is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically.

Test Setup



Limits

Rule FCC Part 15.407(a)(1) / FCC Part 15.407(a) (2) / FCC Part 15.407(a) (3)
(1) For the band 5.15-5.25 GHz.
(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23

dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(3)For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 0.44 dB.

Test Results

Mode	Duty cycle	Duty cycle correction Factor (dB)
802.11a	0.990	0.000
802.11n HT20	1.000	0.000
802.11n HT40	0.990	0.000
802.11ac VHT20	0.990	0.000
802.11ac VHT40	1.000	0.000
802.11ac VHT80	1.000	0.000
802.11ac VHT160	0.990	0.000
802.11ax HE20	1.000	0.000
802.11ax HE40	1.000	0.000
802.11ax HE80	1.000	0.000
802.11ax HE160	0.990	0.000
802.11be EHT20	1.000	0.000
802.11be EHT40	1.000	0.000
802.11be EHT80	1.000	0.000
802.11be EHT160	1.000	0.000
Note: when Duty cycle≥0.98, Duty cycle correction Factor not required.		

U-NII-1

Power Index				
Test Mode	Channel/ Frequency (MHz)	SISO Antenna1	SISO Antenna2	MIMO
802.11a	36/5180	17	17	17
	40/5200	17	17	17
	48/5240	17	17	17
802.11nHT20	36/5180	17	17	17
	40/5200	17	17	17
	48/5240	17	17	17
802.11nHT40	38/5190	16	16	16
	46/5230	16	16	16
802.11ac VHT20	36/5180	16	16	16
	40/5200	16	16	16
	48/5240	16	16	16
802.11ac VHT40	38/5190	16	16	16
	46/5230	16	16	16
802.11ac VHT80	42/5210	15	15	15
802.11ac VHT160	50/5250	14	14	14

802.11ax HE20	36/5180	17	17	17
	40/5200	17	17	17
	48/5240	17	17	17
802.11ax HE40	38/5190	16	16	16
	46/5230	16	16	16
802.11ax HE80	42/5210	16	16	16
802.11ax HE160	50/5250	14	14	14
802.11be EHT20	36/5180	17	17	17
	40/5200	17	17	17
	48/5240	17	17	17
802.11be EHT40	38/5190	17	17	17
	46/5230	17	17	17
802.11be EHT80	42/5210	16	16	16
802.11be EHT160	50/5250	14	14	14

U-NII-2A

Power Index				
Test Mode	**Channel/ Frequency (MHz)**	**SISO Antenna1**	**SISO Antenna2**	**MIMO**
802.11a	52/5260	17	17	17
	56/5280	17	17	17
	64/5320	17	17	17
802.11nHT20	52/5260	17	17	17
	56/5280	17	17	17
	64/5320	17	17	17
802.11nHT40	54/5270	15	15	15
	62/5310	15	15	15
802.11ac VHT20	52/5260	16	16	16
	56/5280	16	16	16
	64/5320	16	16	16
802.11ac VHT40	54/5270	15	15	15
	62/5310	15	15	15
802.11ac VHT80	58/5290	15	15	15
802.11ac VHT160	50/5250	14	14	14
802.11ax HE20	52/5260	17	17	17
	56/5280	17	17	17
	64/5320	17	17	17
802.11ax HE40	54/5270	16	16	16
	62/5310	16	16	16

802.11ax HE80	58/5290	16	16	16
802.11ax HE160	50/5250	14	14	14
802.11be EHT20	52/5260	17	17	17
	56/5280	17	17	17
	64/5320	17	17	17
802.11be EHT40	54/5270	17	17	17
	62/5310	17	17	17
802.11be EHT80	58/5290	16	16	16
802.11be EHT160	50/5250	14	14	14

U-NII-2C

Power Index				
Test Mode	**Channel/ Frequency (MHz)**	**SISO Antenna1**	**SISO Antenna2**	**MIMO**
802.11a	100/5500	17	17	17
	116/5580	17	17	17
	140/5700	17	17	17
	144/5720	17	17	17
802.11nHT20	100/5500	16	16	16
	116/5580	16	16	16
	140/5700	16	16	16
	144/5720	16	16	16
802.11nHT40	102/5510	14	14	14
	110/5550	14	14	14
	134/5670	14	14	14
	142/5710	14	14	14
802.11ac VHT20	100/5500	16	16	16
	116/5580	16	16	16
	140/5700	16	16	16
	144/5720	16	16	16
802.11ac VHT40	102/5510	14	14	14
	110/5550	14	14	14
	134/5670	14	14	14
	142/5710	14	14	14
802.11ac VHT80	106/5530	15	15	15
	122/5610	15	15	15
	138/5690	15	15	15
802.11ac VHT160	114/5570	14	14	14
802.11ax HE20	100/5500	15	15	15

	116/5580	15	15	15
	140/5700	15	15	15
	144/5720	15	15	15
802.11ax HE40	102/5510	14	14	14
	110/5550	14	14	14
	134/5670	14	14	14
	142/5710	14	14	14
802.11ax HE80	106/5530	15	15	15
	122/5610	15	15	15
	138/5690	15	15	15
802.11ax HE160	114/5570	14	14	14
802.11be EHT20	100/5500	17	17	17
	116/5580	17	17	17
	140/5700	17	17	17
	144/5720	17	17	17
802.11be EHT40	102/5510	15	15	15
	110/5550	15	15	15
	134/5670	15	15	15
	142/5710	15	15	15
802.11be EHT80	106/5530	16	16	16
	122/5610	16	16	16
	138/5690	16	16	16
802.11be EHT160	114/5570	14	14	14

U-NII-3

Power Index				
Test Mode	**Channel/ Frequency (MHz)**	**SISO Antenna1**	**SISO Antenna2**	**MIMO**
802.11a	144/5720	17	17	17
	149/5745	17	17	17
	157/5785	17	17	17
	165/5825	17	17	17
802.11nHT20	144/5720	17	17	17
	149/5745	17	17	17
	157/5785	17	17	17
	165/5825	17	17	17
802.11nHT40	144/5720	17	17	17
	151/5755	17	17	17
	159/5795	17	17	17

802.11ac VHT20	144/5720	16	16	16
	149/5745	16	16	16
	157/5785	16	16	16
	165/5825	16	16	16
802.11ac VHT40	142/5710	16	16	16
	151/5755	16	16	16
	159/5795	16	16	16
802.11ac VHT80	138/5690	15	15	15
	155/5775	15	15	15
802.11ax HE20	144/5720	17	17	17
	149/5745	17	17	17
	157/5785	17	17	17
	165/5825	17	17	17
802.11ax HE40	142/5710	17	17	17
	151/5755	17	17	17
	159/5795	17	17	17
802.11ax HE80	138/5690	16	16	16
	155/5775	16	16	16
802.11be EHT20	144/5720	17	17	17
	149/5745	17	17	17
	157/5785	17	17	17
	165/5825	17	17	17
802.11be EHT40	142/5710	17	17	17
	151/5755	17	17	17
	159/5795	17	17	17
802.11be EHT80	138/5690	16	16	16
	155/5775	16	16	16

Test Mode		Channel/ Frequency (MHz)	B=26 dB bandwidth (MHz)	Limit 11 dBm + 10 log B (dBm)	Maximum Output Power Limit(dBm)
U-NII-2A	802.11a	52/5260	23.65	24.74 >24	24.00
		60/5300	23.46	24.70 >24	24.00
		64/5320	34.05	26.32 >24	24.00
	802.11nHT20	52/5260	23.93	24.79 >24	24.00
		60/5300	23.37	24.69 >24	24.00
		64/5320	35.57	26.51 >24	24.00
	802.11nHT40	54/5270	44.17	27.45 >24	24.00
		62/5310	45.85	27.61 >24	24.00
	802.11ac VHT20	52/5260	23.35	24.68 >24	24.00
		60/5300	23.26	24.67 >24	24.00
		64/5320	24.63	24.91 >24	24.00
	802.11ac VHT40	54/5270	44.11	27.45 >24	24.00
		62/5310	45.87	27.62 >24	24.00
	802.11ac VHT80	58/5290	89.86	30.54 >24	24.00
	802.11ac VHT160	50/5250	172.30	33.36 >24	24.00
	802.11ax HE20	52/5260	23.53	24.72 >24	24.00
		60/5300	22.74	24.57 >24	24.00
		64/5320	31.53	25.99 >24	24.00
	802.11ax HE40	54/5270	43.60	27.39 >24	24.00
		62/5310	49.85	27.98 >24	24.00
	802.11ax HE80	58/5290	85.77	30.33 >24	24.00
	802.11ax HE160	50/5250	169.00	33.28 >24	24.00
	802.11be EHT20	52/5260	23.78	24.76 >24	24.00
		60/5300	23.16	24.65 >24	24.00
		64/5320	36.53	26.63 >24	24.00
	802.11be EHT40	54/5270	48.81	27.89 >24	24.00
		62/5310	77.50	29.89 >24	24.00
	802.11be EHT80	58/5290	87.00	30.40 >24	24.00
	802.11be EHT160	50/5250	167.40	33.24 >24	24.00
Note: 250mW=24dBm					

Test Mode		Channel/ Frequency (MHz)	B=26 dB bandwidth (MHz)	Limit 11 dBm + 10 log B (dBm)	Maximum Output Power Limit(dBm)
U-NII-2C	802.11a	100/5500	24.32	24.86 >24	24.00
		116/5580	24.15	24.83 >24	24.00
		140/5700	24.59	24.91 >24	24.00
		144/5720	24.17	24.83 >24	24.00
	802.11nHT20	100/5500	23.56	24.72 >24	24.00

		116/5580	23.94	24.79 >24	24.00
		140/5700	24.19	24.84 >24	24.00
		144/5720	24.21	24.84 >24	24.00
	802.11nHT40	102/5510	45.16	27.55 >24	24.00
		110/5550	45.38	27.57 >24	24.00
		134/5670	45.68	27.60 >24	24.00
		142/5710	46.04	27.63 >24	24.00
	802.11ac VHT20	100/5500	23.86	24.78 >24	24.00
		116/5580	24.10	24.82 >24	24.00
		140/5700	24.30	24.86 >24	24.00
		144/5720	23.98	24.80 >24	24.00
	802.11ac VHT40	102/5510	45.17	27.55 >24	24.00
		110/5550	45.97	27.62 >24	24.00
		134/5670	46.38	27.66 >24	24.00
		142/5710	45.11	27.54 >24	24.00
	802.11ac VHT80	106/5530	93.02	30.69 >24	24.00
		122/5610	93.03	30.69 >24	24.00
		138/5690	91.59	30.62 >24	24.00
	802.11ac VHT160	114/5570	173.00	33.38 >24	24.00
	802.11ax HE20	100/5500	22.46	24.51 >24	24.00
		116/5580	23.86	24.78 >24	24.00
		140/5700	23.33	24.68 >24	24.00
		144/5720	23.86	24.78 >24	24.00
	802.11ax HE40	102/5510	43.80	27.41 >24	24.00
		110/5550	43.79	27.41 >24	24.00
		134/5670	43.55	27.39 >24	24.00
		142/5710	44.14	27.45 >24	24.00
	802.11ax HE80	106/5530	88.39	30.46 >24	24.00
		122/5610	87.96	30.44 >24	24.00
		138/5690	87.95	30.44 >24	24.00
	802.11ax HE160	114/5570	168.90	33.28 >24	24.00
	802.11be EHT20	100/5500	23.60	24.73 >24	24.00
		116/5580	23.75	24.76 >24	24.00
		140/5700	23.36	24.68 >24	24.00
		144/5720	24.24	24.85 >24	24.00
	802.11be EHT40	102/5510	42.62	27.30 >24	24.00
		110/5550	44.49	27.48 >24	24.00
		134/5670	45.08	27.54 >24	24.00
		142/5710	44.30	27.46 >24	24.00
	802.11be EHT80	106/5530	88.48	30.47 >24	24.00
		122/5610	89.03	30.50 >24	24.00
		138/5690	85.65	30.33 >24	24.00
	802.11be EHT160	114/5570	170.50	33.32 >24	24.00
Note: 250mW=24dBm					

SISO Antenna1

U-NII-1

Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor(dBm)	Limit (dBm)	Conclusion
802.11a	36/5180	17.23	17.23	24	PASS
	40/5200	17.37	17.37	24	PASS
	48/5240	16.85	16.85	24	PASS
802.11nHT20	36/5180	17.23	17.23	24	PASS
	40/5200	17.37	17.37	24	PASS
	48/5240	16.85	16.85	24	PASS
802.11nHT40	38/5190	16.80	16.80	24	PASS
	46/5230	16.43	16.43	24	PASS
802.11ac VHT20	36/5180	16.18	16.18	24	PASS
	40/5200	16.30	16.30	24	PASS
	48/5240	15.80	15.80	24	PASS
802.11ac VHT40	38/5190	16.97	16.97	24	PASS
	46/5230	16.51	16.51	24	PASS
802.11ac VHT80	42/5210	15.01	15.01	24	PASS
802.11ac VHT160	50/5250	11.46	11.46	24	PASS
802.11ax HE20	36/5180	17.31	17.31	24	PASS
	40/5200	17.53	17.53	24	PASS
	48/5240	16.98	16.98	24	PASS
802.11ax HE40	38/5190	16.90	16.90	24	PASS
	46/5230	16.46	16.46	24	PASS
802.11ax HE80	42/5210	16.29	16.29	24	PASS
802.11ax HE160	50/5250	11.75	11.75	24	PASS
802.11be EHT20	36/5180	17.38	17.38	24	PASS
	40/5200	17.49	17.49	24	PASS
	48/5240	17.04	17.04	24	PASS
802.11be EHT40	38/5190	17.85	17.85	24	PASS
	46/5230	17.43	17.43	24	PASS
802.11be EHT80	42/5210	16.37	16.37	24	PASS
802.11be EHT160	50/5250	11.31	11.31	24	PASS
Note: Average Power with duty factor=Average Power Measured +Duty cycle correction factor					

U-NII-2A

Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor(dBm)	Limit (dBm)	Conclusion
802.11a	52/5260	16.63	16.63	24	PASS
	56/5280	16.54	16.54	24	PASS
	64/5320	16.36	16.36	24	PASS
802.11nHT20	52/5260	16.89	16.89	24	PASS
	56/5280	16.75	16.75	24	PASS
	64/5320	16.62	16.62	24	PASS
802.11nHT40	54/5270	15.19	15.19	24	PASS
	62/5310	15.33	15.33	24	PASS
802.11ac VHT20	52/5260	15.87	15.87	24	PASS
	56/5280	15.82	15.82	24	PASS
	64/5320	15.83	15.83	24	PASS
802.11ac VHT40	54/5270	15.37	15.37	24	PASS
	62/5310	15.49	15.49	24	PASS
802.11ac VHT80	58/5290	14.27	14.27	24	PASS
802.11ac VHT160	50/5250	11.06	11.06	24	PASS
802.11ax HE20	52/5260	17.04	17.04	24	PASS
	56/5280	16.94	16.94	24	PASS
	64/5320	16.77	16.77	24	PASS
802.11ax HE40	54/5270	16.41	16.41	24	PASS
	62/5310	16.61	16.61	24	PASS
802.11ax HE80	58/5290	15.66	15.66	24	PASS
802.11ax HE160	50/5250	11.48	11.48	24	PASS
802.11be EHT20	52/5260	16.92	16.92	24	PASS
	56/5280	16.92	16.92	24	PASS
	64/5320	16.74	16.74	24	PASS
802.11be EHT40	54/5270	17.40	17.40	24	PASS
	62/5310	17.48	17.48	24	PASS
802.11be EHT80	58/5290	15.69	15.69	24	PASS
802.11be EHT160	50/5250	11.00	11.00	24	PASS
Note: Average Power with duty factor=Average Power Measured +Duty cycle correction factor					

U-NII-2C

Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor(dBm)	Limit (dBm)	Conclusion
802.11a	100/5500	16.70	16.70	24	PASS
	116/5580	16.64	16.64	24	PASS
	140/5700	16.82	16.82	24	PASS
	144/5720	15.91	15.91	24	PASS
802.11nHT20	100/5500	15.96	15.96	24	PASS
	116/5580	15.76	15.76	24	PASS
	140/5700	15.93	15.93	24	PASS
	144/5720	14.98	14.98	24	PASS
802.11nHT40	102/5510	14.41	14.41	24	PASS
	110/5550	14.55	14.55	24	PASS
	134/5670	14.13	14.13	24	PASS
	142/5710	14.05	14.05	24	PASS
802.11ac VHT20	100/5500	15.98	15.98	24	PASS
	116/5580	15.91	15.91	24	PASS
	140/5700	16.03	16.03	24	PASS
	144/5720	15.14	15.14	24	PASS
802.11ac VHT40	102/5510	14.45	14.45	24	PASS
	110/5550	14.64	14.64	24	PASS
	134/5670	14.22	14.22	24	PASS
	142/5710	14.12	14.12	24	PASS
802.11ac VHT80	106/5530	14.98	14.98	24	PASS
	122/5610	14.53	14.53	24	PASS
	138/5690	14.70	14.70	24	PASS
802.11ac VHT160	114/5570	14.68	14.68	24	PASS
802.11ax HE20	100/5500	15.12	15.12	24	PASS
	116/5580	14.84	14.84	24	PASS
	140/5700	15.05	15.05	24	PASS
	144/5720	14.08	14.08	24	PASS
802.11ax HE40	102/5510	14.52	14.52	24	PASS
	110/5550	14.68	14.68	24	PASS
	134/5670	14.24	14.24	24	PASS
	142/5710	14.09	14.09	24	PASS
802.11ax HE80	106/5530	15.17	15.17	24	PASS
	122/5610	14.76	14.76	24	PASS
	138/5690	14.87	14.87	24	PASS

802.11ax HE160	114/5570	14.68	14.68	24	PASS
802.11be EHT20	100/5500	17.05	17.05	24	PASS
	116/5580	16.86	16.86	24	PASS
	140/5700	16.97	16.97	24	PASS
	144/5720	15.83	15.83	24	PASS
802.11be EHT40	102/5510	15.42	15.42	24	PASS
	110/5550	15.48	15.48	24	PASS
	134/5670	15.02	15.02	24	PASS
	142/5710	14.96	14.96	24	PASS
802.11be EHT80	106/5530	16.23	16.23	24	PASS
	122/5610	15.94	15.94	24	PASS
	138/5690	15.91	15.91	24	PASS
802.11be EHT160	114/5570	13.99	13.99	24	PASS
Note: Average Power with duty factor=Average Power Measured +Duty cycle correction factor					

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Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor(dBm)	Limit (dBm)	Conclusion
802.11a	144/5720	9.97	9.97	30	PASS
	149/5745	16.67	16.67	30	PASS
	157/5785	17.04	17.04	30	PASS
	165/5825	17.14	17.14	30	PASS
802.11nHT20	144/5720	9.63	9.63	30	PASS
	149/5745	16.84	16.84	30	PASS
	157/5785	17.13	17.13	30	PASS
	165/5825	17.20	17.20	30	PASS
802.11nHT40	144/5720	4.24	4.24	30	PASS
	151/5755	17.56	17.56	30	PASS
	159/5795	17.75	17.75	30	PASS
802.11ac VHT20	144/5720	9.79	9.79	30	PASS
	149/5745	16.06	16.06	30	PASS
	157/5785	16.23	16.23	30	PASS
	165/5825	16.34	16.34	30	PASS
802.11ac VHT40	142/5710	4.38	4.38	30	PASS
	151/5755	16.64	16.64	30	PASS
	159/5795	16.90	16.90	30	PASS
802.11ac VHT80	138/5690	1.91	1.91	30	PASS
	155/5775	15.33	15.33	30	PASS
802.11ax HE20	144/5720	9.15	9.15	30	PASS

	149/5745	17.09	17.09	30	PASS
	157/5785	17.35	17.35	30	PASS
	165/5825	17.30	17.30	30	PASS
802.11ax HE40	142/5710	5.03	5.03	30	PASS
	151/5755	17.62	17.62	30	PASS
	159/5795	17.88	17.88	30	PASS
802.11ax HE80	138/5690	2.80	2.80	30	PASS
	155/5775	16.53	16.53	30	PASS
802.11be EHT20	144/5720	10.89	10.89	30	PASS
	149/5745	16.96	16.96	30	PASS
	157/5785	17.23	17.23	30	PASS
	165/5825	17.21	17.21	30	PASS
802.11be EHT40	142/5710	5.91	5.91	30	PASS
	151/5755	17.55	17.55	30	PASS
	159/5795	17.67	17.67	30	PASS
802.11be EHT80	138/5690	3.73	3.73	30	PASS
	155/5775	16.50	16.50	30	PASS
Note: Average Power with duty factor=Average Power Measured +Duty cycle correction factor					

SISO Antenna2

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Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor(dBm)	Limit (dBm)	Conclusion
802.11a	36/5180	16.99	16.99	24	PASS
	40/5200	16.91	16.91	24	PASS
	48/5240	16.96	16.96	24	PASS
802.11nHT20	36/5180	17.35	17.35	24	PASS
	40/5200	17.30	17.30	24	PASS
	48/5240	17.32	17.32	24	PASS
802.11nHT40	38/5190	16.83	16.83	24	PASS
	46/5230	16.68	16.68	24	PASS
802.11ac VHT20	36/5180	16.16	16.16	24	PASS
	40/5200	16.08	16.08	24	PASS
	48/5240	16.28	16.28	24	PASS
802.11ac VHT40	38/5190	16.77	16.77	24	PASS
	46/5230	16.70	16.70	24	PASS
802.11ac VHT80	42/5210	14.88	14.88	24	PASS
802.11ac VHT160	50/5250	11.96	11.96	24	PASS
802.11ax HE20	36/5180	17.32	17.32	24	PASS
	40/5200	17.30	17.30	24	PASS
	48/5240	17.32	17.32	24	PASS
802.11ax HE40	38/5190	16.75	16.75	24	PASS
	46/5230	16.72	16.72	24	PASS
802.11ax HE80	42/5210	16.22	16.22	24	PASS
802.11ax HE160	50/5250	12.27	12.27	24	PASS
802.11be EHT20	36/5180	17.18	17.18	24	PASS
	40/5200	17.20	17.20	24	PASS
	48/5240	17.23	17.23	24	PASS
802.11be EHT40	38/5190	17.77	17.77	24	PASS
	46/5230	17.62	17.62	24	PASS
802.11be EHT80	42/5210	16.20	16.20	24	PASS
802.11be EHT160	50/5250	11.53	11.53	24	PASS
Note: Average Power with duty factor=Average Power Measured +Duty cycle correction factor					

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Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor(dBm)	Limit (dBm)	Conclusion
802.11a	52/5260	16.58	16.58	24	PASS
	56/5280	16.39	16.39	24	PASS
	64/5320	15.74	15.74	24	PASS
802.11nHT20	52/5260	16.94	16.94	24	PASS
	56/5280	16.82	16.82	24	PASS
	64/5320	15.98	15.98	24	PASS
802.11nHT40	54/5270	15.24	15.24	24	PASS
	62/5310	14.99	14.99	24	PASS
802.11ac VHT20	52/5260	15.87	15.87	24	PASS
	56/5280	15.71	15.71	24	PASS
	64/5320	15.11	15.11	24	PASS
802.11ac VHT40	54/5270	15.18	15.18	24	PASS
	62/5310	14.91	14.91	24	PASS
802.11ac VHT80	58/5290	14.38	14.38	24	PASS
802.11ac VHT160	50/5250	10.57	10.57	24	PASS
802.11ax HE20	52/5260	16.94	16.94	24	PASS
	56/5280	16.71	16.71	24	PASS
	64/5320	16.04	16.04	24	PASS
802.11ax HE40	54/5270	16.61	16.61	24	PASS
	62/5310	16.04	16.04	24	PASS
802.11ax HE80	58/5290	15.62	15.62	24	PASS
802.11ax HE160	50/5250	10.95	10.95	24	PASS
802.11be EHT20	52/5260	16.85	16.85	24	PASS
	56/5280	16.71	16.71	24	PASS
	64/5320	15.90	15.90	24	PASS
802.11be EHT40	54/5270	17.23	17.23	24	PASS
	62/5310	16.79	16.79	24	PASS
802.11be EHT80	58/5290	15.53	15.53	24	PASS
802.11be EHT160	50/5250	10.17	10.17	24	PASS
Note: Average Power with duty factor=Average Power Measured +Duty cycle correction factor					

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Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor(dBm)	Limit (dBm)	Conclusion
802.11a	100/5500	16.95	16.95	24	PASS
	116/5580	17.24	17.24	24	PASS
	140/5700	16.81	16.81	24	PASS
	144/5720	15.85	15.85	24	PASS
802.11nHT20	100/5500	15.98	15.98	24	PASS
	116/5580	16.16	16.16	24	PASS
	140/5700	15.75	15.75	24	PASS
	144/5720	14.77	14.77	24	PASS
802.11nHT40	102/5510	14.86	14.86	24	PASS
	110/5550	14.51	14.51	24	PASS
	134/5670	14.05	14.05	24	PASS
	142/5710	14.03	14.03	24	PASS
802.11ac VHT20	100/5500	15.92	15.92	24	PASS
	116/5580	16.11	16.11	24	PASS
	140/5700	15.77	15.77	24	PASS
	144/5720	14.77	14.77	24	PASS
802.11ac VHT40	102/5510	14.80	14.80	24	PASS
	110/5550	14.45	14.45	24	PASS
	134/5670	14.05	14.05	24	PASS
	142/5710	14.09	14.09	24	PASS
802.11ac VHT80	106/5530	15.08	15.08	24	PASS
	122/5610	14.80	14.80	24	PASS
	138/5690	14.63	14.63	24	PASS
802.11ac VHT160	114/5570	13.99	13.99	24	PASS
802.11ax HE20	100/5500	15.03	15.03	24	PASS
	116/5580	15.21	15.21	24	PASS
	140/5700	14.92	14.92	24	PASS
	144/5720	13.80	13.80	24	PASS
802.11ax HE40	102/5510	14.77	14.77	24	PASS
	110/5550	14.41	14.41	24	PASS
	134/5670	14.05	14.05	24	PASS
	142/5710	13.95	13.95	24	PASS
802.11ax HE80	106/5530	15.18	15.18	24	PASS
	122/5610	14.93	14.93	24	PASS
	138/5690	14.76	14.76	24	PASS

802.11ax HE160	114/5570	14.14	14.14	24	PASS
802.11be EHT20	100/5500	16.89	16.89	24	PASS
	116/5580	17.23	17.23	24	PASS
	140/5700	16.78	16.78	24	PASS
	144/5720	15.61	15.61	24	PASS
802.11be EHT40	102/5510	15.63	15.63	24	PASS
	110/5550	15.32	15.32	24	PASS
	134/5670	14.90	14.90	24	PASS
	142/5710	14.84	14.84	24	PASS
802.11be EHT80	106/5530	16.19	16.19	24	PASS
	122/5610	15.91	15.91	24	PASS
	138/5690	15.56	15.56	24	PASS
802.11be EHT160	114/5570	13.56	13.56	24	PASS
Note: Average Power with duty factor=Average Power Measured +Duty cycle correction factor					

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Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor(dBm)	Limit (dBm)	Conclusion
802.11a	144/5720	9.96	9.96	30	PASS
	149/5745	16.81	16.81	30	PASS
	157/5785	17.23	17.23	30	PASS
	165/5825	17.46	17.46	30	PASS
802.11nHT20	144/5720	9.44	9.44	30	PASS
	149/5745	16.87	16.87	30	PASS
	157/5785	17.21	17.21	30	PASS
	165/5825	17.39	17.39	30	PASS
802.11nHT40	142/5710	4.35	4.35	30	PASS
	151/5755	17.60	17.60	30	PASS
	159/5795	18.07	18.07	30	PASS
802.11ac VHT20	144/5720	9.46	9.46	30	PASS
	149/5745	15.90	15.90	30	PASS
	157/5785	16.19	16.19	30	PASS
	165/5825	16.35	16.35	30	PASS
802.11ac VHT40	142/5710	4.34	4.34	30	PASS
	151/5755	16.55	16.55	30	PASS
	159/5795	16.92	16.92	30	PASS
802.11ac VHT80	138/5690	1.77	1.77	30	PASS
	155/5775	15.33	15.33	30	PASS
802.11ax HE20	144/5720	8.92	8.92	30	PASS

	149/5745	16.98	16.98	30	PASS
	157/5785	17.27	17.27	30	PASS
	165/5825	17.40	17.40	30	PASS
802.11ax HE40	142/5710	4.95	4.95	30	PASS
	151/5755	17.57	17.57	30	PASS
	159/5795	17.90	17.90	30	PASS
802.11ax HE80	138/5690	2.58	2.58	30	PASS
	155/5775	16.51	16.51	30	PASS
802.11be EHT20	144/5720	10.79	10.79	30	PASS
	149/5745	16.80	16.80	30	PASS
	157/5785	17.12	17.12	30	PASS
	165/5825	17.40	17.40	30	PASS
802.11be EHT40	142/5710	5.90	5.90	30	PASS
	151/5755	17.43	17.43	30	PASS
	159/5795	17.81	17.81	30	PASS
802.11be EHT80	138/5690	16.50	16.50	30	PASS
	155/5775	16.50	16.50	30	PASS
Note: Average Power with duty factor=Average Power Measured +Duty cycle correction factor					

MIMO

U-NII-1

Test Mode	Channel/ Frequency (MHz)	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
		Average Power Measured (dBm)	Average Power with duty factor(dBm)	Average Power Measured (dBm)	Average Power with duty factor(dBm)			
802.11a	36/5180	17.17	17.17	17.08	17.08	20.14	24.00	PASS
	40/5200	17.23	17.23	16.99	16.99	20.12	24.00	PASS
	48/5240	16.72	16.72	17.02	17.02	19.88	24.00	PASS
802.11nHT20	36/5180	17.24	17.24	17.08	17.08	20.17	24.00	PASS
	40/5200	17.27	17.27	17.09	17.09	20.19	24.00	PASS
	48/5240	16.75	16.75	17.05	17.05	19.91	24.00	PASS
802.11nHT40	38/5190	16.76	16.76	16.73	16.73	19.76	24.00	PASS
	46/5230	16.36	16.36	16.60	16.60	19.49	24.00	PASS
802.11ac VHT20	36/5180	16.05	16.05	16.03	16.03	19.05	24.00	PASS
	40/5200	16.12	16.12	15.91	15.91	19.03	24.00	PASS
	48/5240	15.67	15.67	16.00	16.00	18.85	24.00	PASS
802.11ac VHT40	38/5190	16.77	16.77	16.65	16.65	19.72	24.00	PASS
	46/5230	16.38	16.38	16.59	16.59	19.50	24.00	PASS
802.11ac VHT80	42/5210	14.89	14.89	14.84	14.84	17.88	24.00	PASS
802.11ac VHT160	50/5250	11.38	11.38	11.82	11.82	11.82	21.90	PASS
802.11ax HE20	36/5180	17.11	17.11	17.12	17.12	20.13	24.00	PASS
	40/5200	17.22	17.22	17.06	17.06	20.15	24.00	PASS
	48/5240	16.76	16.76	17.19	17.19	19.99	24.00	PASS
802.11ax HE40	38/5190	16.77	16.77	16.69	16.69	19.74	24.00	PASS
	46/5230	16.35	16.35	16.58	16.58	19.48	24.00	PASS
802.11ax HE80	42/5210	16.07	16.07	16.12	16.12	19.11	24.00	PASS
802.11ax HE160	50/5250	11.60	11.60	12.15	12.15	14.89	24.00	PASS
802.11be EHT20	36/5180	17.07	17.07	17.09	17.09	20.09	24.00	PASS
	40/5200	17.18	17.18	17.04	17.04	20.12	24.00	PASS
	48/5240	16.81	16.81	17.17	17.17	20.00	24.00	PASS
802.11be EHT40	38/5190	17.78	17.78	17.80	17.80	20.80	24.00	PASS
	46/5230	17.38	17.38	17.60	17.60	20.50	24.00	PASS
802.11be EHT80	42/5210	16.18	16.18	16.19	16.19	19.20	24.00	PASS
802.11be EHT160	50/5250	11.12	11.12	11.38	11.38	14.26	24.00	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),
The Total Power =10log($10^{(\text{Power ANT1 in dBm/10})}$+$10^{(\text{Power ANT2 in dBm/10})}$).
2.According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.
Directional gain = $G_{ANT\ MAX}$ + Array Gain,
For power measurements on IEEE 802.11 devices,
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.
So directional gain = $G_{ANT\ MAX}$ + Array Gain=2.79+0=2.76dBi<6dBi. So the power limit is 24dBm.

U-NII-2A

Test Mode	Channel/ Frequency (MHz)	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
		Average Power Measured (dBm)	Average Power with duty factor(dBm)	Average Power Measured (dBm)	Average Power with duty factor(dBm)			
802.11a	52/5260	16.72	16.72	16.62	16.62	19.68	24.00	PASS
	56/5280	16.60	16.60	16.51	16.51	19.57	24.00	PASS
	64/5320	16.52	16.52	15.72	15.72	19.15	24.00	PASS
802.11nHT20	52/5260	16.68	16.68	16.72	16.72	19.71	24.00	PASS
	56/5280	16.60	16.60	16.55	16.55	19.59	24.00	PASS
	64/5320	16.50	16.50	15.75	15.75	19.15	24.00	PASS
802.11nHT40	54/5270	15.31	15.31	15.15	15.15	18.24	24.00	PASS
	62/5310	15.26	15.26	14.76	14.76	18.03	24.00	PASS
802.11ac VHT20	52/5260	15.59	15.59	15.73	15.73	18.67	24.00	PASS
	56/5280	15.55	15.55	15.62	15.62	18.60	24.00	PASS
	64/5320	15.52	15.52	14.85	14.85	18.21	24.00	PASS
802.11ac VHT40	54/5270	15.24	15.24	15.13	15.13	18.20	24.00	PASS
	62/5310	15.31	15.31	14.74	14.74	18.04	24.00	PASS
802.11ac VHT80	58/5290	14.24	14.24	14.25	14.25	17.26	24.00	PASS
802.11ac VHT160	50/5250	11.10	11.10	10.49	10.49	13.82	24.00	PASS
802.11ax HE20	52/5260	16.72	16.72	16.80	16.80	19.77	24.00	PASS
	56/5280	16.71	16.71	16.58	16.58	19.66	24.00	PASS
	64/5320	16.54	16.54	15.76	15.76	19.18	24.00	PASS
802.11ax HE40	54/5270	16.30	16.30	16.30	16.30	19.31	24.00	PASS
	62/5310	16.44	16.44	15.82	15.82	19.15	24.00	PASS
802.11ax HE80	58/5290	15.34	15.34	15.50	15.50	18.43	24.00	PASS
802.11ax HE160	50/5250	11.33	11.33	10.86	10.86	14.11	24.00	PASS

802.11be EHT20	52/5260	16.81	16.81	16.78	16.78	19.81	24.00	PASS
	56/5280	16.65	16.65	16.60	16.60	19.64	24.00	PASS
	64/5320	16.42	16.42	15.79	15.79	19.13	24.00	PASS
802.11be EHT40	54/5270	17.40	17.40	17.28	17.28	20.35	24.00	PASS
	62/5310	17.39	17.39	16.91	16.91	20.17	24.00	PASS
802.11be EHT80	58/5290	15.51	15.51	15.49	15.49	18.51	24.00	PASS
802.11be EHT160	50/5250	10.80	10.80	10.00	10.00	13.43	24.00	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),

The Total Power =$10\log(10^{(\text{Power ANT1 in dBm/10})}+10^{(\text{Power ANT2 in dBm/10})})$.

2.According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

Directional gain = $G_{ANT\ MAX}$ + Array Gain,

For power measurements on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

So directional gain = $G_{ANT\ MAX}$ + Array Gain=2.79+0=2.76dBi<6dBi. So the power limit is 24dBm.

U-NII-2C

Test Mode	Channel/ Frequency (MHz)	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
		Average Power Measured (dBm)	Average Power with duty factor(dBm)	Average Power Measured (dBm)	Average Power with duty factor(dBm)			
802.11a	100/5500	16.85	16.85	16.74	16.74	19.81	24.00	PASS
	116/5580	16.61	16.61	17.00	17.00	19.82	24.00	PASS
	140/5700	16.66	16.66	16.57	16.57	19.63	24.00	PASS
	144/5720	15.70	15.70	15.62	15.62	18.67	24.00	PASS
802.11nHT20	100/5500	15.80	15.80	15.79	15.79	18.81	24.00	PASS
	116/5580	15.56	15.56	16.08	16.08	18.84	24.00	PASS
	140/5700	15.72	15.72	15.58	15.58	18.66	24.00	PASS
	144/5720	14.66	14.66	14.63	14.63	17.66	24.00	PASS
802.11nHT40	102/5510	14.36	14.36	14.68	14.68	17.53	24.00	PASS
	110/5550	14.53	14.53	14.43	14.43	17.49	24.00	PASS
	134/5670	14.02	14.02	13.97	13.97	17.01	24.00	PASS
	142/5710	13.92	13.92	13.90	13.90	16.92	24.00	PASS
802.11ac VHT20	100/5500	15.84	15.84	15.80	15.80	18.83	24.00	PASS
	116/5580	15.57	15.57	16.07	16.07	18.84	24.00	PASS
	140/5700	15.70	15.70	15.62	15.62	18.67	24.00	PASS

	144/5720	14.70	14.70	14.62	14.62	17.67	24.00	PASS
802.11ac VHT40	102/5510	14.40	14.40	14.65	14.65	17.54	24.00	PASS
	110/5550	14.52	14.52	14.39	14.39	17.47	24.00	PASS
	134/5670	14.05	14.05	13.94	13.94	17.01	24.00	PASS
	142/5710	13.91	13.91	13.88	13.88	16.91	24.00	PASS
802.11ac VHT80	106/5530	14.83	14.83	14.97	14.97	17.91	24.00	PASS
	122/5610	14.45	14.45	14.65	14.65	17.56	24.00	PASS
	138/5690	14.52	14.52	14.57	14.57	17.56	24.00	PASS
802.11ac VHT160	114/5570	14.23	14.23	13.90	13.90	17.08	24.00	PASS
802.11ax HE20	100/5500	14.97	14.97	14.84	14.84	17.92	24.00	PASS
	116/5580	14.74	14.74	15.06	15.06	17.91	24.00	PASS
	140/5700	14.89	14.89	14.77	14.77	17.84	24.00	PASS
	144/5720	13.72	13.72	13.52	13.52	16.63	24.00	PASS
802.11ax HE40	102/5510	14.40	14.40	14.60	14.60	17.51	24.00	PASS
	110/5550	14.45	14.45	14.38	14.38	17.43	24.00	PASS
	134/5670	14.05	14.05	13.99	13.99	17.03	24.00	PASS
	142/5710	13.76	13.76	13.81	13.81	16.80	24.00	PASS
802.11ax HE80	106/5530	14.91	14.91	15.16	15.16	18.05	24.00	PASS
	122/5610	14.54	14.54	14.79	14.79	17.68	24.00	PASS
	138/5690	14.53	14.53	14.65	14.65	17.60	24.00	PASS
802.11ax HE160	114/5570	14.49	14.49	14.18	14.18	17.35	24.00	PASS
802.11be EHT20	100/5500	16.79	16.79	16.74	16.74	19.78	24.00	PASS
	116/5580	16.65	16.79	17.12	16.74	19.78	24.00	PASS
	140/5700	16.67	16.79	16.67	16.74	19.78	24.00	PASS
	144/5720	15.49	16.79	15.44	16.74	19.78	24.00	PASS
802.11be EHT40	102/5510	15.39	16.65	15.68	17.12	19.90	24.00	PASS
	110/5550	15.42	16.65	15.48	17.12	19.90	24.00	PASS
	134/5670	15.04	16.65	14.95	17.12	19.90	24.00	PASS
	142/5710	14.87	16.65	14.81	17.12	19.90	24.00	PASS
802.11be EHT80	106/5530	16.17	16.67	16.15	16.67	19.68	24.00	PASS
	122/5610	15.62	16.67	15.86	16.67	19.68	24.00	PASS
	138/5690	15.67	16.67	15.58	16.67	19.68	24.00	PASS
802.11be EHT160	114/5570	14.17	15.49	10.00	15.44	18.48	24.00	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),

The Total Power =$10\log(10^{(\text{Power ANT1 in dBm/10})}+10^{(\text{Power ANT2 in dBm/10})})$.

2.According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

Directional gain = $G_{ANT\ MAX}$ + Array Gain,

For power measurements on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

So directional gain = $G_{ANT\ MAX}$ + Array Gain=2.55+0=2.55dBi<6dBi. So the power limit is 24dBm.

U-NII-3

Test Mode	Channel/ Frequency (MHz)	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
		Average Power Measured (dBm)	Average Power with duty factor(dBm)	Average Power Measured (dBm)	Average Power with duty factor(dBm)			
802.11a	144/5720	9.79	9.79	9.65	9.65	12.73	30.00	PASS
	149/5745	16.75	16.75	16.65	16.65	19.71	30.00	PASS
	157/5785	17.16	17.16	16.96	16.96	20.07	30.00	PASS
	165/5825	17.13	17.13	17.16	17.16	20.16	30.00	PASS
802.11nHT20	144/5720	9.40	9.40	9.06	9.06	12.24	30.00	PASS
	149/5745	16.78	16.78	16.61	16.61	19.71	30.00	PASS
	157/5785	17.14	17.14	17.01	17.01	20.09	30.00	PASS
	165/5825	17.10	17.10	17.18	17.18	20.15	30.00	PASS
802.11nHT40	142/5710	3.97	3.97	4.37	4.37	7.18	30.00	PASS
	151/5755	17.59	17.59	17.47	17.47	20.54	30.00	PASS
	159/5795	17.67	17.67	17.89	17.89	20.79	30.00	PASS
802.11ac VHT20	144/5720	9.46	9.46	9.04	9.04	12.27	30.00	PASS
	149/5745	15.82	15.82	15.71	15.71	18.78	30.00	PASS
	157/5785	16.16	16.16	15.99	15.99	19.09	30.00	PASS
	165/5825	16.16	16.16	16.20	16.20	19.19	30.00	PASS
802.11ac VHT40	142/5710	3.96	3.96	4.36	4.36	7.17	30.00	PASS
	151/5755	16.58	16.58	16.40	16.40	19.50	30.00	PASS
	159/5795	16.68	16.68	16.83	16.83	19.77	30.00	PASS
802.11ac VHT80	138/5690	1.54	1.54	1.87	1.87	1.87	30.00	PASS
	155/5775	15.16	15.16	15.30	15.30	18.24	30.00	PASS
802.11ax HE20	144/5720	8.94	8.94	8.44	8.44	11.71	30.00	PASS
	149/5745	16.84	16.84	16.67	16.67	19.77	30.00	PASS
	157/5785	17.11	17.11	16.98	16.98	20.06	30.00	PASS
	165/5825	17.13	17.13	17.23	17.23	20.19	30.00	PASS
802.11ax HE40	142/5710	4.69	4.69	5.06	5.06	7.89	30.00	PASS
	151/5755	17.40	17.40	17.46	17.46	20.44	30.00	PASS
	159/5795	17.65	4.69	17.87	17.87	18.07	30.00	PASS
802.11ax HE80	138/5690	2.44	2.44	2.73	2.73	5.60	30.00	PASS
	155/5775	16.26	16.26	16.42	16.42	19.35	30.00	PASS
802.11be EHT20	144/5720	10.70	10.70	10.34	10.34	13.53	30.00	PASS

	149/5745	16.78	16.78	16.72	16.72	19.76	30.00	PASS
	157/5785	17.06	17.06	17.04	17.04	20.06	30.00	PASS
	165/5825	17.10	10.70	17.24	17.24	18.11	30.00	PASS
802.11be EHT40	142/5710	17.06	17.06	6.02	6.02	17.39	30.00	PASS
	151/5755	17.10	17.10	17.47	17.47	20.30	30.00	PASS
	159/5795	17.10	17.10	17.87	17.87	20.51	30.00	PASS
802.11be EHT80	138/5690	17.10	17.10	3.74	3.74	17.30	30.00	PASS
	155/5775	5.79	5.79	16.38	16.38	16.74	30.00	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),
The Total Power =$10\log(10^{(\text{Power ANT1 in dBm}/10)}+10^{(\text{Power ANT2 in dBm}/10)})$.

2.According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.
Directional gain = $G_{ANT\ MAX}$ + Array Gain,
For power measurements on IEEE 802.11 devices,
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.
So directional gain = $G_{ANT\ MAX}$ + Array Gain=2.55+0=2.55dBi<6dBi.So the power limit is30dBm.

TB Mode

Mode	Duty cycle	Duty cycle correction Factor (dB)
802.11ax HE20 26-Tones:RU Index 0	0.997	0.000
802.11ax HE20 26-Tones:RU Index 4	0.997	0.000
802.11ax HE20 26-Tones:RU Index 8	0.997	0.000
02.11ax HE20 52-Tones:RU Index 37	0.997	0.000
802.11ax HE20 52-Tones:RU Index 38	0.997	0.000
802.11ax HE20 52-Tones:RU Index 40	0.997	0.000
802.11ax HE20 106-Tones:RU Index 53	0.997	0.000
802.11ax HE20 106-Tones:RU Index 54	0.997	0.000
802.11ax HE20 242-Tones:RU Index 61	0.998	0.000
802.11ax HE40 26-Tones:RU Index 0	0.997	0.000
802.11ax HE40 26-Tones:RU Index 17	0.997	0.000
802.11ax HE40 484-Tones:RU Index 65	0.988	0.000
802.11ax HE80 26-Tones:RU Index 0	0.997	0.000
802.11ax HE80 26-Tones:RU Index 36	0.997	0.000
802.11ax HE80 996-Tones:RU Index 67	0.997	0.000
802.11ax HE160 26-Tones:RU Index 0	0.997	0.000
802.11ax HE160 26-Tones:RU Index 36	0.997	0.000
802.11ax HE160 996*2-Tones:RU Index 68	0.989	0.000
802.11be EHT20 26-Tones:RU Index 0	0.996	0.000
802.11be EHT20 26-Tones:RU Index 4	0.998	0.000
802.11be EHT20 26-Tones:RU Index 8	1.000	0.000
02.11be EHT20 52-Tones:RU Index 37	1.000	0.000
802.11be EHT20 52-Tones:RU Index 38	0.997	0.000
802.11be EHT20 52-Tones:RU Index 40	0.990	0.000
802.11be EHT20 106-Tones:RU Index 53	0.990	0.000
802.11be EHT20 106-Tones:RU Index 54	0.996	0.000
802.11be EHT20 242-Tones:RU Index 61	0.996	0.000
802.11be EHT40	0.996	0.000

26-Tones:RU Index 0		
802.11be EHT40 26-Tones:RU Index 17	0.997	0.000
802.11be EHT40 484-Tones:RU Index 65	0.987	0.000
802.11be EHT80 26-Tones:RU Index 0	0.997	0.000
802.11be EHT80 26-Tones:RU Index 36	0.997	0.000
802.11be EHT80 996-Tones:RU Index 67	0.981	0.000
802.11be EHT160 26-Tones:RU Index 0	0.997	0.000
802.11be EHT160 26-Tones:RU Index 36	0.997	0.000
802.11be EHT160 996*2-Tones:RU Index 68	0.987	0.000
Note: when Duty cycle≥0.98, Duty cycle correction Factor not required.		

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Power Index		
Test Mode	**Channel/ Frequency (MHz)**	**MIMO**
802.11ax HE20 26-Tones	36/5180	9
	40/5200	9
	48/5240	9
802.11ax HE20 52-Tones	36/5180	9
	40/5200	9
	48/5240	9
802.11ax HE20 106-Tones	36/5180	9
	40/5200	9
	48/5240	9
802.11ax HE20 242-Tones	36/5180	9
	40/5200	9
	48/5240	9
802.11ax HE40 26-Tones	38/5190	9
	46/5230	9
802.11ax HE40 484-Tones	38/5190	9
	46/5230	9
802.11ax HE80 26-Tones	42/5210	9
	42/5210	9
802.11ax HE80 996-Tones	42/5210	9
802.11be EHT20 26-Tones	36/5180	9
	40/5200	9
	48/5240	9
802.11be EHT20 52-Tones	36/5180	9
	40/5200	9
	48/5240	9
802.11be EHT20 106-Tones	36/5180	9
	40/5200	9
	48/5240	9
802.11be EHT20	36/5180	9
	40/5200	9

242-Tones	48/5240	9
802.11be EHT40 26-Tones	38/5190	9
	46/5230	9
802.11be EHT40 484-Tones	38/5190	9
	46/5230	9
802.11be EHT80 26-Tones	42/5210	9
	42/5210	9
802.11be EHT80 996-Tones	42/5210	9

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Power Index		
Test Mode	**Channel/ Frequency (MHz)**	**MIMO**
802.11ax HE20 26-Tones	52/5260	9
	60/5300	9
	64/5320	9
802.11ax HE20 52-Tones	52/5260	9
	60/5300	9
	64/5320	9
802.11ax HE20 106-Tones	52/5260	9
	60/5300	9
	64/5320	9
802.11ax HE20 242-Tones	52/5260	9
	60/5300	9
	64/5320	9
802.11ax HE40 26-Tones	54/5270	10
	62/5310	10
802.11ax HE40 484-Tones	54/5270	10
	62/5310	10
802.11ax HE80 26-Tones	58/5290	10
	58/5290	10
802.11ax HE80 996-Tones	58/5290	10
802.11ax HE160 26-Tones	50/5250	11
	50/5250	11
802.11ax HE160 996*2-Tones	50/5250	11
802.11be EHT20 26-Tones	52/5260	10
	60/5300	10
	64/5320	10
802.11be EHT20 52-Tones	52/5260	10
	60/5300	10
	64/5320	10
802.11be EHT20 106-Tones	52/5260	10
	60/5300	10
	64/5320	10
802.11be EHT20 242-Tones	52/5260	10
	60/5300	10
	64/5320	10
802.11be EHT40 26-Tones	54/5270	10
	62/5310	10
802.11be EHT40 484-Tones	54/5270	10
	62/5310	10
802.11be EHT80 26-Tones	58/5290	10
	58/5290	10
802.11be EHT80 996-Tones	58/5290	10
802.11be EHT160 26-Tones	50/5250	10
	50/5250	10
802.11be EHT160 996*2-Tones	50/5250	10

U-NII-2C

Power Index		
Test Mode	**Channel/ Frequency (MHz)**	**MIMO**
802.11ax HE20 26-Tones	100/5500	10
	120/5600	10
	140/5700	9
	144/5720	10
802.11ax HE20 52-Tones	100/5500	10
	120/5600	10
	140/5700	10
	144/5720	10
802.11ax HE20 106-Tones	100/5500	10
	120/5600	10
	140/5700	10
	144/5720	10
802.11ax HE20 242-Tones	100/5500	10
	120/5600	10
	140/5700	10
	144/5720	10
802.11ax HE40 26-Tones	102/5510	10
	134/5670	10
	142/5710	10
802.11ax HE40 484-Tones	102/5510	10
	118/5590	10
	134/5670	10
	142/5710	10
802.11ax HE80 26-Tones	122/5610	10
	122/5610	10
	138/5690	9
802.11ax HE80 996-Tones	122/5610	10
	138/5690	10
802.11ax HE160 26-Tones	114/5570	9
	114/5570	10
802.11ax HE160 996*2-Tones	114/5570	10
802.11be EHT20 26-Tones	100/5500	10
	120/5600	10
	140/5700	9
	144/5720	9
802.11be EHT20 52-Tones	100/5500	10
	120/5600	10
	140/5700	9
	144/5720	10
802.11be EHT20 106-Tones	100/5500	10
	120/5600	10
	140/5700	10
	144/5720	10
802.11be EHT20 242-Tones	100/5500	10
	120/5600	10
	140/5700	10
	144/5720	10
802.11be EHT40 26-Tones	102/5510	10
	134/5670	10
	142/5710	10
802.11be EHT40	102/5510	10

484-Tones	118/5590	10
	134/5670	10
	142/5710	10
802.11be EHT80 26-Tones	122/5610	10
	122/5610	10
	138/5690	9
802.11be EHT80 996-Tones	122/5610	10
	138/5690	9
802.11be EHT160 26-Tones	114/5570	10
	114/5570	10
802.11be EHT160 996*2-Tones	114/5570	9

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Power Index		
Test Mode	**Channel/ Frequency (MHz)**	**MIMO**
802.11ax HE20 26-Tones	144/5720	17
	149/5745	17
	157/5785	17
	165/5825	17
802.11ax HE20 52-Tones	144/5720	17
	149/5745	17
	157/5785	17
	165/5825	17
802.11ax HE20 106-Tones	144/5720	17
	149/5745	17
	157/5785	17
	165/5825	17
802.11ax HE20 242-Tones	144/5720	17
	149/5745	17
	157/5785	17
	165/5825	17
802.11ax HE40 26-Tones	142/5710	17
	151/5755	17
	159/5795	17
802.11ax HE40 484-Tones	142/5710	17
	151/5755	17
	159/5795	17
802.11ax HE80 26-Tones	138/5690	16
	155/5775	16
	155/5775	16
802.11ax HE80 996-Tones	138/5690	16
	155/5775	16
802.11be EHT20 26-Tones	144/5720	17
	149/5745	17
	157/5785	17
	165/5825	17
802.11be EHT20 52-Tones	144/5720	17
	149/5745	17
	157/5785	17
	165/5825	17
802.11be EHT20 106-Tones	144/5720	17
	149/5745	17
	157/5785	17
	165/5825	17
802.11be EHT20	144/5720	17

242-Tones	149/5745	17
	157/5785	17
	165/5825	17
802.11be EHT40 26-Tones	142/5710	17
	151/5755	17
	159/5795	17
802.11be EHT40 484-Tones	142/5710	17
	151/5755	17
	159/5795	17
802.11be EHT80 26-Tones	138/5690	16
	155/5775	16
	155/5775	16
802.11be EHT80 996-Tones	138/5690	16
	155/5775	16

Test Mode		Channel/ Frequency (MHz)	RU Index	B=26 dB bandwidth (MHz)	Limit 11 dBm + 10 log B (dBm)	Final Limit(dBm)
U-NII-2A	802.11ax HE20 26-Tones	52/5260	0	20.29	24.07 >24	24.00
		60/5300	4	15.71	22.96 <24	22.96
		64/5320	8	19.26	23.85 <24	23.85
	802.11ax HE20 52-Tones	52/5260	37	20.02	24.01 >24	24.00
		60/5300	39	16.87	23.27 <24	23.27
		64/5320	40	19.96	24.00 >24	24.00
	802.11ax HE20 106-Tones	52/5260	53	21.38	24.30 >24	24.00
		60/5300	53	20.16	24.05 >24	24.00
		64/5320	54	19.57	23.91 <24	23.91
	802.11ax HE20 242-Tones	52/5260	61	22.94	24.60 >24	24.00
		60/5300	61	22.39	24.50 >24	24.00
		64/5320	61	22.24	24.47 >24	24.00
	802.11ax HE40 26-Tones	54/5270	0	19.71	23.95 <24	23.95
		62/5310	17	19.04	23.80 <24	23.80
	802.11ax HE40 484-Tones	54/5270	65	44.11	27.45 >24	24.00
		62/5310	65	44.62	27.50 >24	24.00
	802.11ax HE80 26-Tones	58/5290	0	21.46	24.32 >24	24.00
		42/5210	36	24.64	24.92 >24	24.00
	802.11ax HE80 996-Tones	58/5290	67	88.54	30.47 >24	24.00

	802.11ax HE160 26-Tones	50/5250	0	22.36	24.49 >24	24.00
		50/5250	H	31.64	26.00 >24	24.00
	802.11ax HE160 996*2-Tones	50/5250	68	172.31	33.36 >24	24.00
U-NII-2A	802.11be EHT20 26-Tones	52/5260	0	18.75	23.73 <24	23.73
		60/5300	4	16.82	23.26 <24	23.26
		64/5320	8	19.24	23.84 <24	23.84
	802.11be EHT20 52-Tones	52/5260	37	19.09	23.81 <24	23.81
		60/5300	39	15.96	23.03 <24	23.03
		64/5320	40	21.25	24.27 >24	24.00
	802.11be EHT20 106-Tones	52/5260	53	20.92	24.20 >24	24.00
		60/5300	53	20.73	24.17 >24	24.00
		64/5320	54	20.72	24.16 >24	24.00
	802.11be EHT20 242-Tones	52/5260	61	22.86	24.59 >24	24.00
		60/5300	61	19.66	23.94 <24	23.94
		64/5320	61	23.03	24.62 >24	24.00
	802.11be EHT40 26-Tones	54/5270	0	21.30	24.28 >24	24.00
		62/5310	17	20.81	24.18 >24	24.00
	802.11be EHT40 484-Tones	54/5270	65	45.33	27.56 >24	24.00
		62/5310	65	45.00	27.53 >24	24.00
	802.11be EHT80 26-Tones	58/5290	0	21.85	24.39 >24	24.00
		42/5210	36	24.70	24.93 >24	24.00
	802.11be EHT80 996-Tones	58/5290	67	88.08	30.45 >24	24.00
	802.11be EHT80 26-Tones	50/5250	0	28.07	25.48 >24	24.00
		50/5250	H	29.14	25.65 >24	24.00
	802.11be EHT160 996*2-Tones	50/5250	68	171.79	33.35 >24	24.00
Note: 250mW=24dBm						

Test Mode		Channel/ Frequency (MHz)	RU Index	B=26 dB bandwidth (MHz)	Limit 11 dBm + 10 log B (dBm)	Final Limit (dBm)
U-NII-2C	802.11ax HE20 26-Tones	100/5500	0	19.43	23.89 <24	23.89
		120/5600	4	17.98	23.55 <24	23.55
		140/5700	8	19.90	23.99 <24	23.99
		144/5720	0	20.65	24.15 >24	24.00
	802.11ax HE20 52-Tones	100/5500	37	20.57	24.13 >24	24.00
		120/5600	39	18.14	23.59 <24	23.59
		140/5700	40	19.89	23.99 <24	23.99
		144/5720	37	20.70	24.16 >24	24.00
	802.11ax HE20 106-Tones	100/5500	53	19.09	23.81 <24	23.81
		120/5600	53	18.78	23.74 <24	23.74
		140/5700	54	19.60	23.92 <24	23.92
		144/5720	53	19.51	23.90 <24	23.90
	802.11ax HE20 242-Tones	100/5500	61	23.17	24.65 >24	24.00
		120/5600	61	22.82	24.58 >24	24.00
		140/5700	61	23.41	24.69 >24	24.00
		144/5720	61	23.05	24.63 >24	24.00
	802.11ax HE40 26-Tones	102/5510	0	17.88	23.52 <24	23.52
		134/5670	17	20.32	24.08 >24	24.00
		142/5710	0	20.59	24.14 >24	24.00
	802.11ax HE40 484-Tones	102/5510	65	44.41	27.47 >24	24.00
		118/5590	65	45.97	27.62 >24	24.00
		134/5670	65	45.70	27.60 >24	24.00
		142/5710	65	46.13	27.64 >24	24.00
	802.11ax HE80 26-Tones	122/5610	0	24.47	24.89 >24	24.00
		122/5610	36	24.61	24.91 >24	24.00
		138/5690	0	23.64	24.74 >24	24.00
	802.11ax HE80 996-Tones	122/5610	67	87.47	30.42 >24	24.00
		138/5690	67	89.37	30.51 >24	24.00
	802.11ax HE160 26-Tones	114/5570	0	25.70	25.10 >24	24.00
		114/5570	H	30.61	25.86 >24	24.00
	802.11ax HE160 996*2-Tones	114/5570	68	176.17	33.46 >24	24.00

	802.11BE EHT20 26-Tones	100/5500	0	18.39	23.64 <24	23.64
		120/5600	4	16.32	23.13 <24	23.13
		140/5700	8	19.42	23.88 <24	23.88
		144/5720	0	19.21	23.83 <24	23.83
	802.11BE EHT20 52-Tones	100/5500	37	21.07	24.24 >24	24.00
		120/5600	39	16.84	23.26 <24	23.26
		140/5700	40	19.89	23.99 <24	23.99
		144/5720	37	18.80	23.74 <24	23.74
	802.11BE EHT20 106-Tones	100/5500	53	19.97	24.00 >24	24.00
		120/5600	53	18.25	23.61 <24	23.61
		140/5700	54	15.96	23.03 <24	23.03
		144/5720	53	18.38	23.64 <24	23.64
	802.11BE EHT20 242-Tones	100/5500	61	22.91	24.60 >24	24.00
		120/5600	61	22.71	24.56 >24	24.00
		140/5700	61	23.49	24.71 >24	24.00
		144/5720	61	22.90	24.60 >24	24.00
	802.11BE EHT40 26-Tones	102/5510	0	20.69	24.16 >24	24.00
		134/5670	17	20.53	24.12 >24	24.00
		142/5710	0	21.52	24.33 >24	24.00
	802.11BE EHT40 484-Tones	102/5510	65	45.02	27.53 >24	24.00
		118/5590	65	44.23	27.46 >24	24.00
		134/5670	65	44.28	27.46 >24	24.00
		142/5710	65	45.09	27.54 >24	24.00
	802.11BE EHT80 26-Tones	122/5610	0	24.62	24.91 >24	24.00
		122/5610	36	24.93	24.97 >24	24.00
		138/5690	0	23.36	24.68 >24	24.00
	802.11BE EHT80 996-Tones	122/5610	67	89.86	30.54 >24	24.00
		138/5690	67	96.59	30.85 >24	24.00
	802.11BE EHT160 26-Tones	114/5570	0	28.65	25.57 >24	24.00
		114/5570	H	27.04	25.32 >24	24.00
	802.11BE EHT160 996*2-Tones	114/5570	68	174.28	33.41 >24	24.00
Note: 250mW=24dBm						

U-NII-1

Test Mode	Channel/ Frequency (MHz)	RU Index	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
			Average Power Measured (dBm)	Average Power with duty factor(dBm)	Average Power Measured (dBm)	Average Power with duty factor(dBm)			
802.11ax HE20 26-Tones	36/5180	0	9.34	9.34	9.27	9.27	12.31	24	PASS
	40/5200	4	8.29	8.29	9.08	9.08	11.71	24	PASS
	48/5240	8	8.30	8.30	9.04	9.04	11.70	24	PASS
802.11ax HE20 52-Tones	36/5180	37	9.23	9.23	9.19	9.19	12.22	24	PASS
	40/5200	39	8.66	8.66	9.00	9.00	11.84	24	PASS
	48/5240	40	8.40	8.40	9.00	9.00	11.72	24	PASS
802.11ax HE20 106-Tones	36/5180	53	8.55	8.55	9.15	9.15	11.87	24	PASS
	40/5200	53	8.50	8.50	9.18	9.18	11.86	24	PASS
	48/5240	54	8.33	8.33	8.71	8.71	11.54	24	PASS
802.11ax HE20 242-Tones	36/5180	61	8.47	8.47	9.07	9.07	11.79	24	PASS
	40/5200	61	8.53	8.53	8.94	8.94	11.75	24	PASS
	48/5240	61	8.33	8.33	8.63	8.63	11.49	24	PASS
802.11ax HE40 26-Tones	38/5190	0	9.53	9.53	9.09	9.09	12.32	24	PASS
	46/5230	17	7.65	7.65	8.85	8.85	11.30	24	PASS
802.11ax HE40 484-Tones	38/5190	65	8.45	8.45	9.00	9.00	11.74	24	PASS
	46/5230	65	8.27	8.27	8.65	8.65	11.47	24	PASS
802.11ax HE80 26-Tones	42/5210	0	9.53	9.53	8.79	8.79	12.18	24	PASS
	42/5210	36	7.78	7.78	8.86	8.86	11.36	24	PASS
802.11ax HE80 996-Tones	42/5210	67	8.39	8.39	8.73	8.73	11.58	24	PASS
802.11be EHT20 26-Tones	36/5180	0	9.42	9.42	9.33	9.33	12.38	24	PASS
	40/5200	4	8.40	8.40	9.18	9.18	11.82	24	PASS
	48/5240	8	8.43	8.43	9.18	9.18	11.83	24	PASS
802.11be EHT20 52-Tones	36/5180	37	9.27	9.27	9.29	9.29	12.29	24	PASS
	40/5200	39	8.74	8.74	9.04	9.04	11.91	24	PASS
	48/5240	40	8.39	8.39	9.00	9.00	11.72	24	PASS
802.11be EHT20 106-Tones	36/5180	53	8.56	8.56	9.18	9.18	11.89	24	PASS
	40/5200	53	8.55	8.55	9.25	9.25	11.92	24	PASS
	48/5240	54	8.47	8.47	8.80	8.80	11.65	24	PASS
802.11be EHT20 242-Tones	36/5180	61	8.56	8.56	9.17	9.17	11.88	24	PASS
	40/5200	61	8.64	8.64	9.04	9.04	11.85	24	PASS
	48/5240	61	8.45	8.45	8.79	8.79	11.63	24	PASS
802.11be EHT40 26-Tones	38/5190	0	9.65	9.65	9.14	9.14	12.41	24	PASS
	46/5230	17	7.83	7.83	8.89	8.89	11.40	24	PASS

802.11be EHT40 484-Tones	38/5190	65	8.52	8.52	9.07	9.07	11.82	24	PASS
	46/5230	65	8.42	8.42	8.77	8.77	11.60	24	PASS
802.11be EHT80 26-Tones	42/5210	0	9.59	9.59	8.92	8.92	12.28	24	PASS
	42/5210	36	7.91	7.91	8.90	8.90	11.44	24	PASS
802.11be EHT80 996-Tones	42/5210	67	8.44	8.44	8.78	8.78	11.62	24	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),

The Total Power =10log($10^{(\text{Power ANT5 in dBm/10})}$+$10^{(\text{Power ANT7in dBm/10})}$).

2.According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

Directional gain = $G_{ANT\ MAX}$ + Array Gain,

For power measurements on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

So directional gain = $G_{ANT\ MAX}$ + Array Gain=2.79+0=2.79dBi<6dBi. So the power limit is24dBm.

U-NII-2A

Test Mode	Channel/ Frequency (MHz)	RU Index	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
			Average Power Measured (dBm)	Average Power with duty factor(dBm)	Average Power Measured (dBm)	Average Power with duty factor(dBm)			
802.11ax HE20 26-Tones	52/5260	0	8.83	8.83	9.48	9.48	12.18	24.00	PASS
	60/5300	4	8.70	8.70	8.54	8.54	11.63	22.96	PASS
	64/5320	8	8.75	8.75	8.26	8.26	11.52	23.85	PASS
802.11ax HE20 52-Tones	52/5260	37	8.26	8.26	9.03	9.03	11.67	24.00	PASS
	60/5300	39	8.59	8.59	8.65	8.65	11.63	23.27	PASS
	64/5320	40	8.87	8.87	8.39	8.39	11.65	24.00	PASS
802.11ax HE20 106-Tones	52/5260	53	8.38	8.38	8.92	8.92	11.67	24.00	PASS
	60/5300	53	9.13	9.13	8.83	8.83	11.99	24.00	PASS
	64/5320	54	8.69	8.69	8.21	8.21	11.47	23.91	PASS
802.11ax HE20 242-Tones	52/5260	61	8.29	8.29	8.71	8.71	11.51	24.00	PASS
	60/5300	61	8.66	8.66	8.63	8.63	11.66	24.00	PASS
	64/5320	61	8.41	8.41	8.34	8.34	11.38	24.00	PASS
802.11ax HE40 26-Tones	54/5270	0	9.05	9.05	9.75	9.75	12.42	23.95	PASS
	62/5310	17	9.05	9.05	8.91	8.91	11.99	23.80	PASS
802.11ax HE40 484-Tones	54/5270	65	9.12	9.12	9.65	9.65	12.40	24.00	PASS
	62/5310	65	9.28	9.28	9.66	9.66	12.48	24.00	PASS

802.11ax HE80 26-Tones	58/5290	0	9.60	9.60	10.15	10.15	12.90	24.00	PASS
	58/5290	36	8.65	8.65	8.39	8.39	11.54	24.00	PASS
802.11ax HE80 996-Tones	58/5290	67	9.21	9.21	9.51	9.51	12.37	24.00	PASS
802.11ax HE160 26-Tones	50/5250	0	10.40	10.40	10.67	10.67	13.54	24.00	PASS
	50/5250	H	9.21	9.21	10.24	10.24	12.76	24.00	PASS
802.11ax HE160 996*2-Tones	50/5250	68	10.55	10.55	11.31	11.31	13.96	24.00	PASS
802.11be EHT20 26-Tones	52/5260	0	9.21	9.21	10.11	10.11	12.69	23.73	PASS
	60/5300	4	9.48	9.48	9.56	9.56	12.53	24.00	PASS
	64/5320	8	9.46	9.46	9.30	9.30	12.39	24.00	PASS
802.11be EHT20 52-Tones	52/5260	37	9.17	9.17	10.08	10.08	12.66	24.00	PASS
	60/5300	39	9.27	9.27	9.58	9.58	12.44	24.00	PASS
	64/5320	40	9.51	9.51	9.29	9.29	12.41	24.00	PASS
802.11be EHT20 106-Tones	52/5260	53	9.11	9.11	9.93	9.93	12.55	24.00	PASS
	60/5300	53	9.96	9.96	9.92	9.92	12.95	24.00	PASS
	64/5320	54	9.31	9.31	9.22	9.22	12.28	24.00	PASS
802.11be EHT20 242-Tones	52/5260	61	9.21	9.21	9.71	9.71	12.48	24.00	PASS
	60/5300	61	9.46	9.46	9.61	9.61	12.55	24.00	PASS
	64/5320	61	9.22	9.22	9.35	9.35	12.29	24.00	PASS
802.11be EHT40 26-Tones	54/5270	0	8.93	8.93	9.70	9.70	12.34	24.00	PASS
	62/5310	17	9.07	9.07	8.92	8.92	12.00	24.00	PASS
802.11be EHT40 484-Tones	54/5270	65	9.20	9.20	9.72	9.72	12.48	24.00	PASS
	62/5310	65	9.35	9.35	9.73	9.73	12.55	24.00	PASS
802.11be EHT80 26-Tones	58/5290	0	9.65	9.65	10.15	10.15	12.92	24.00	PASS
	58/5290	36	8.56	8.56	8.49	8.49	11.54	24.00	PASS
802.11be EHT80 996-Tones	58/5290	67	9.26	9.26	9.59	9.59	12.44	24.00	PASS
802.11be EHT160 26-Tones	50/5250	0	9.04	9.04	9.91	9.91	12.51	24.00	PASS
	50/5250	H	8.26	8.26	8.98	8.98	11.65	24.00	PASS
802.11be EHT160 996*2-Tones	50/5250	68	8.82	8.82	9.74	9.74	12.32	24.00	PASS

Note: 1. For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),

The Total Power =$10\log(10^{(\text{Power ANT5 in dBm/10})}+10^{(\text{Power ANT7in dBm/10})})$.

2.According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

Directional gain = $G_{ANT\ MAX}$ + Array Gain,

For power measurements on IEEE 802.11 devices,
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.
So directional gain = $G_{ANT\ MAX}$ + Array Gain=2.79+0=2.79dBi<6dBi. So the power limit is 24dBm.

U-NII-2C

Test Mode	Channel/ Frequency (MHz)	RU Index	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
			Average Power Measured (dBm)	Average Power with duty factor(dBm)	Average Power Measured (dBm)	Average Power with duty factor(dBm)			
802.11ax HE20 26-Tones	100/5500	0	9.38	9.38	9.99	9.99	12.70	23.89	PASS
	120/5600	4	9.17	9.17	9.76	9.76	12.49	23.55	PASS
	140/5700	8	9.18	9.18	9.33	9.33	12.26	23.99	PASS
	144/5720	0	9.25	9.25	9.69	9.69	12.49	24.00	PASS
802.11ax HE20 52-Tones	100/5500	37	9.41	9.41	9.94	9.94	12.69	24.00	PASS
	120/5600	39	9.74	9.74	10.04	10.04	12.90	23.59	PASS
	140/5700	40	10.17	10.17	10.52	10.52	13.36	23.99	PASS
	144/5720	37	9.14	9.14	9.72	9.72	12.45	24.00	PASS
802.11ax HE20 106-Tones	100/5500	53	9.58	9.58	9.90	9.90	12.75	24.00	PASS
	120/5600	53	8.76	8.76	9.26	9.26	12.03	24.00	PASS
	140/5700	54	8.76	8.76	9.20	9.20	12.00	24.00	PASS
	144/5720	53	8.90	8.90	9.60	9.60	12.27	24.00	PASS
802.11ax HE20 242-Tones	100/5500	61	8.74	8.74	8.87	8.87	11.82	24.00	PASS
	120/5600	61	8.68	8.68	9.16	9.16	11.94	24.00	PASS
	140/5700	61	8.57	8.57	9.03	9.03	11.82	24.00	PASS
	144/5720	61	8.83	8.83	9.47	9.47	12.17	24.00	PASS
802.11ax HE40 26-Tones	102/5510	0	9.50	9.50	9.89	9.89	12.71	24.00	PASS
	134/5670	17	9.24	9.24	9.96	9.96	12.62	24.00	PASS
	142/5710	0	9.52	9.52	10.19	10.19	12.88	24.00	PASS
802.11ax HE40 484-Tones	102/5510	65	9.67	9.67	9.98	9.98	12.84	24.00	PASS
	118/5590	65	9.48	9.48	10.02	10.02	12.76	24.00	PASS
	134/5670	65	9.66	9.66	10.12	10.12	12.91	24.00	PASS
	142/5710	65	9.61	9.61	10.15	10.15	12.90	24.00	PASS
802.11ax HE80 26-Tones	122/5610	0	9.96	9.96	10.26	10.26	13.12	24.00	PASS
	122/5610	36	9.19	9.19	10.19	10.19	12.73	24.00	PASS
	138/5690	0	9.43	9.43	9.55	9.55	12.50	24.00	PASS
802.11ax HE80 996-Tones	122/5610	67	9.49	9.49	10.06	10.06	12.79	24.00	PASS
	138/5690	67	9.65	9.65	10.29	10.29	12.99	24.00	PASS
802.11ax	114/5570	0	9.42	9.42	9.36	9.36	12.40	24.00	PASS

HE160 26-Tones	114/5570	H	8.83	8.83	9.43	9.43	12.15	24.00	PASS
802.11ax HE160 996*2-Tones	114/5570	68	9.10	9.10	9.39	9.39	12.26	24.00	PASS
802.11be EHT20 26-Tones	100/5500	0	9.75	9.75	10.26	10.26	13.02	24.00	PASS
	120/5600	4	9.51	9.51	10.04	10.04	12.79	24.00	PASS
	140/5700	8	9.05	9.05	9.21	9.21	12.14	24.00	PASS
	144/5720	0	9.15	9.15	9.70	9.70	12.45	24.00	PASS
802.11be EHT20 52-Tones	100/5500	37	9.70	9.70	10.17	10.17	12.95	24.00	PASS
	120/5600	38	9.87	9.87	10.19	10.19	13.04	24.00	PASS
	140/5700	40	10.04	10.04	10.35	10.35	13.21	24.00	PASS
	144/5720	37	9.86	9.86	10.56	10.56	13.23	24.00	PASS
802.11be EHT20 106-Tones	100/5500	53	9.70	9.70	9.98	9.98	12.85	24.00	PASS
	120/5600	53	9.52	9.52	10.15	10.15	12.86	24.00	PASS
	140/5700	54	9.84	9.84	10.25	10.25	13.06	24.00	PASS
	144/5720	53	9.64	9.64	10.45	10.45	13.07	24.00	PASS
802.11be EHT20 242-Tones	100/5500	61	9.79	9.79	9.98	9.98	12.90	24.00	PASS
	120/5600	61	9.58	9.58	10.04	10.04	12.83	24.00	PASS
	140/5700	61	9.59	9.59	10.15	10.15	12.89	24.00	PASS
	144/5720	61	9.58	9.58	10.37	10.37	13.01	24.00	PASS
802.11be EHT40 26-Tones	102/5510	0	9.43	9.43	9.77	9.77	12.61	24.00	PASS
	134/5670	17	9.14	9.14	9.87	9.87	12.53	24.00	PASS
	142/5710	0	9.27	9.27	10.11	10.11	12.72	24.00	PASS
802.11be EHT40 484-Tones	102/5510	65	9.52	9.52	9.85	9.85	12.70	24.00	PASS
	118/5590	65	9.38	9.38	9.95	9.95	12.68	24.00	PASS
	134/5670	65	9.53	9.53	10.03	10.03	12.79	24.00	PASS
	142/5710	65	9.46	9.46	10.04	10.04	12.77	24.00	PASS
802.11be EHT80 26-Tones	122/5610	0	9.77	9.77	10.23	10.23	13.02	24.00	PASS
	122/5610	36	8.98	8.98	10.00	10.00	12.53	24.00	PASS
	138/5690	0	9.26	9.26	9.47	9.47	12.38	24.00	PASS
802.11be EHT80 996-Tones	122/5610	67	9.34	9.34	9.94	9.94	12.66	24.00	PASS
	138/5690	67	9.51	9.51	10.18	10.18	12.87	24.00	PASS
802.11be EHT160 26-Tones	114/5570	0	10.41	10.41	10.28	10.28	13.35	24.00	PASS
	114/5570	H	9.68	9.68	10.52	10.52	13.13	24.00	PASS
802.11be EHT160 996*2-Tones	114/5570	68	8.43	8.43	8.73	8.73	11.59	24.00	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),
The Total Power =10log($10^{(\text{Power ANT5 in dBm/10})}$+$10^{(\text{Power ANT7in dBm/10})}$).
2.According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the

gain of the antenna having the highest gain.

Directional gain = $G_{ANT\ MAX}$ + Array Gain,

For power measurements on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

So directional gain = $G_{ANT\ MAX}$ + Array Gain=2.55+0=2.55dBi<6dBi. So the power limit is 24dBm.

U-NII-3

Test Mode	Channel/ Frequency (MHz)	RU Index	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
			Average Power Measured (dBm)	Average Power with duty factor (dBm)	Average Power Measured (dBm)	Average Power with duty factor (dBm)			
802.11ax HE20 26-Tones	144/5720	8	17.17	17.17	17.72	17.72	20.46	30.00	PASS
	149/5745	0	17.16	17.16	17.99	17.99	20.60	30.00	PASS
	157/5785	4	17.05	17.05	17.89	17.89	20.50	30.00	PASS
	165/5825	8	17.53	17.53	17.92	17.92	20.74	30.00	PASS
802.11ax HE20 52-Tones	144/5720	40	17.04	17.04	17.71	17.71	20.40	30.00	PASS
	149/5745	37	17.12	17.12	18.03	18.03	20.61	30.00	PASS
	157/5785	39	20.61	20.61	17.91	17.91	22.48	30.00	PASS
	165/5825	40	17.47	17.47	17.84	17.84	20.67	30.00	PASS
802.11ax HE20 106-Tones	144/5720	54	16.80	16.80	17.55	17.55	20.20	30.00	PASS
	149/5745	53	16.99	16.99	17.92	17.92	20.49	30.00	PASS
	157/5785	53	17.41	17.41	17.90	17.90	20.68	30.00	PASS
	165/5825	54	17.26	17.26	17.80	17.80	20.55	30.00	PASS
802.11ax HE20 242-Tones	144/5720	61	16.65	16.65	17.40	17.40	20.05	30.00	PASS
	149/5745	61	16.89	16.89	17.75	17.75	20.35	30.00	PASS
	157/5785	61	17.25	17.25	17.78	17.78	20.53	30.00	PASS
	165/5825	61	16.97	16.97	17.63	17.63	20.32	30.00	PASS
802.11ax HE40 26-Tones	142/5710	17	16.47	16.74	17.30	17.57	20.18	30.00	PASS
	151/5755	0	16.51	16.51	17.87	17.87	20.25	30.00	PASS
	159/5795	17	16.98	16.98	17.66	17.66	20.34	30.00	PASS
802.11ax HE40 484-Tones	142/5710	65	16.53	16.80	17.22	17.49	20.17	30.00	PASS
	151/5755	65	16.79	16.79	17.69	17.69	20.28	30.00	PASS
	159/5795	65	16.94	16.94	17.68	17.68	20.34	30.00	PASS
802.11ax HE80 26-Tones	138/5690	36	15.43	15.70	16.49	16.76	19.27	30.00	PASS
	155/5775	0	15.71	15.71	16.83	16.83	19.31	30.00	PASS
	155/5775	36	16.24	16.24	16.99	16.99	19.64	30.00	PASS
802.11ax HE80 996-Tones	138/5690	67	15.57	15.84	16.42	16.69	19.29	30.00	PASS
	155/5775	67	15.94	15.94	16.81	16.81	19.40	30.00	PASS
802.11be EHT20 26-Tones	144/5720	8	17.07	17.07	17.68	17.68	20.39	30.00	PASS
	149/5745	0	17.21	17.21	18.10	18.10	20.69	30.00	PASS
	157/5785	4	16.63	16.63	17.44	17.44	20.07	30.00	PASS
	165/5825	8	17.36	17.36	17.66	17.66	20.52	30.00	PASS
802.11be EHT20 52-Tones	144/5720	40	16.94	16.94	17.73	17.73	20.36	30.00	PASS
	149/5745	37	17.07	17.07	18.07	18.07	20.61	30.00	PASS
	157/5785	39	17.17	17.17	17.91	17.91	20.56	30.00	PASS

	165/5825	40	17.24	17.24	17.75	17.75	20.52	30.00	PASS
802.11be EHT20 106-Tones	144/5720	54	16.80	16.80	17.54	17.54	20.19	30.00	PASS
	149/5745	53	16.92	16.92	17.86	17.86	20.43	30.00	PASS
	157/5785	53	17.26	17.26	17.81	17.81	20.55	30.00	PASS
	165/5825	54	17.05	17.05	17.61	17.61	20.35	30.00	PASS
802.11be EHT20 242-Tones	144/5720	61	16.46	16.46	17.29	17.29	19.91	30.00	PASS
	149/5745	61	16.76	16.76	17.71	17.71	20.27	30.00	PASS
	157/5785	61	17.12	17.12	17.73	17.73	20.45	30.00	PASS
	165/5825	61	16.87	16.87	17.50	17.50	20.21	30.00	PASS
802.11be EHT40 26-Tones	142/5710	17	16.62	16.89	17.41	17.68	20.32	30.00	PASS
	151/5755	0	16.70	16.70	18.03	18.03	20.42	30.00	PASS
	159/5795	17	17.10	17.10	17.80	17.80	20.47	30.00	PASS
802.11be EHT40 484-Tones	142/5710	65	16.53	16.80	17.22	17.49	20.17	30.00	PASS
	151/5755	65	16.88	16.88	17.71	17.71	20.33	30.00	PASS
	159/5795	65	16.95	16.95	17.70	17.70	20.35	30.00	PASS
802.11be EHT80 26-Tones	138/5690	36	15.33	15.60	16.41	16.68	19.18	30.00	PASS
	155/5775	0	15.73	15.73	17.16	17.16	19.52	30.00	PASS
	155/5775	36	16.17	16.17	16.82	16.82	19.52	30.00	PASS
802.11be EHT80 996-Tones	138/5690	67	15.55	15.82	16.40	16.67	19.27	30.00	PASS
	155/5775	67	15.92	15.92	16.78	16.78	19.38	30.00	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),
The Total Power =$10\log(10^{(\text{Power ANT5 in dBm/10})}+10^{(\text{Power ANT7 in dBm/10})})$.
2. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.
Directional gain = $G_{ANT\ MAX}$ + Array Gain,
For power measurements on IEEE 802.11 devices,
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.
So directional gain = $G_{ANT\ MAX}$ + Array Gain =2.55+0=2.55dBi<6dBi. So the power limit is 30dBm.

MRU Mode

Mode	Duty cycle	Duty cycle correction Factor (dB)
802.11be EHT40 52+26-Tones (L)	0.996	0.000
802.11be EHT40 52+26-Tones(H)	0.998	0.000
802.11be EHT40 106+26-Tones(L)	0.996	0.000
802.11be EHT40 106+26-Tones(H)	0.996	0.000
802.11be EHT80 484+242-Tones(L)	0.985	0.000
802.11be EHT80 484+242-Tones(H)	0.984	0.000
802.11be EHT80 484+484punc242-Tones(L)	0.985	0.000
802.11be EHT80 484punc242+484-Tones(H)	0.985	0.000
802.11be EHT160 996+996punc242-Tones(L)	0.960	0.180
802.11be EHT160 996+996punc242-Tones(H)	0.960	0.180
802.11be EHT160 996+484-Tones(L)	0.996	0.000
802.11be EHT160 996+484-Tones(H)	0.996	0.000
802.11be EHT160 996+996punc484-Tones(L)	0.962	0.170
802.11be EHT160 996punc484+996-Tones(H)	0.962	0.170
Note: when Duty cycle≥0.98, Duty cycle correction Factor not required.		

Power Index					
Test Mode	**U-NII-1**	**Test Mode**	**U-NII-2A**	**Test Mode**	**U-NII-2C**
802.11be EHT40 52+26-Tones(L)	13	802.11be EHT40 52+26-Tones (L)	13	802.11be EHT40 52+26-Tones (L)	14
802.11be EHT40 52+26-Tones(H)	13	802.11be EHT40 52+26-Tones(H)	13	802.11be EHT40 52+26-Tones(H)	14
802.11be EHT40 106+26-Tones(L)	15	802.11be EHT40 106+26-Tones(L)	15	802.11be EHT40 106+26-Tones(L)	14
802.11be EHT40 106+26-Tones(H)	15	802.11be EHT40 106+26-Tones(H)	15	802.11be EHT40 106+26-Tones(H)	14
802.11be EHT80 484+242-Tones(L)	15	802.11be EHT80 484+242-Tones(L)	15	802.11be EHT80 484+242-Tones(L)	15
802.11be EHT80 484+242-Tones(H)	15	802.11be EHT80 484+242-Tones(H)	15	802.11be EHT80 484+242-Tones(H)	15
802.11be EHT80 484+484punc242-Tones(H)	15	802.11be EHT80 484+484punc242-Tones(L)	15	802.11be EHT80 484+484punc242-Tones(L)	15
802.11be EHT80 484punc242+484-Tones(L)	15	802.11be EHT80 484punc242+484-Tones(H)	15	802.11be EHT80 484punc242+484-Tones(H)	15
Test Mode	**U-NII-3**	802.11be EHT160 996+996punc242-Tones(L)	13	802.11be EHT160 996+996punc242-Tones(L)	13
802.11be EHT40 52+26-Tones(L)	16	802.11be EHT160 996+996punc242-Tones(H)	13	802.11be EHT160 996+996punc242-Tones(H)	13
802.11be EHT40 52+26-Tones(H)	16	802.11be EHT160 996+484-Tones(L)	13	802.11be EHT160 996+484-Tones(L)	13
802.11be EHT40 106+26-Tones(L)	16	802.11be EHT160 996+484-Tones(H)	13	802.11be EHT160 996+484-Tones(H)	13
802.11be EHT40 106+26-Tones(H)	16	802.11be EHT160 996+996punc484-Tones(L)	13	802.11be EHT160 996+996punc484-Tones(L)	13
802.11be EHT80 484+242-Tones(L)	15	802.11be EHT160 996punc484+996-Tones(H)	13	802.11be EHT160 996punc484+996-Tones(H)	13
802.11be EHT80 484+242-Tones(H)	15	-	-	-	-
802.11be EHT80 484+484punc242-Tones(H)	15	-	-	-	-
802.11be EHT80 484punc242+484-Tones(L)	15	-	-	-	-

Test Mode		Channel/ Frequency (MHz)	B=26 dB bandwidth (MHz)	Limit 11 dBm + 10 log B (dBm)	Final Limit (dBm)
U-NII-2A	802.11be EHT40 52+26-Tones (L)	54/5270	21.66	24.36 >24	24.00
	802.11be EHT40 52+26-Tones(H)	62/5310	22.20	24.46 >24	24.00
	802.11be EHT40 106+26-Tones(L)	54/5270	23.44	24.70 >24	24.00
	802.11be EHT40 106+26-Tones(H)	62/5310	21.86	24.40 >24	24.00
	802.11be EHT80 484+242-Tones(L)	58/5290	83.33	30.21 >24	24.00
	802.11be EHT80 484+242-Tones(H)	58/5290	80.64	30.07 >24	24.00
	802.11be EHT80 484+484punc242-Tones(L)	58/5290	88.30	30.46 >24	24.00
	802.11be EHT80 484punc242+484-Tones(H)	58/5290	88.73	30.48 >24	24.00
	802.11be EHT160 996+996punc242-Tones(L)	50/5250	160.81	33.06 >24	24.00
	802.11be EHT160 996+996punc242-Tones(H)	50/5250	158.30	32.99 >24	24.00
	802.11be EHT160 996+484-Tones(L)	50/5250	174.51	33.42 >24	24.00
	802.11be EHT160 996+484-Tones(H)	50/5250	152.54	32.83 >24	24.00
	802.11be EHT160 996+996punc484-Tones(L)	50/5250	142.77	32.55 >24	24.00
	802.11be EHT160 996punc484+996-Tones(H)	50/5250	145.60	32.63 >24	24.00
Note: 250mW=24dBm					

Test Mode		Channel/ Frequency (MHz)	B=26 dB bandwidth (MHz)	Limit 11 dBm + 10 log B (dBm)	Final Limit (dBm)
U-NII-2C	802.11be EHT40 52+26-Tones (L)	102/5510	21.93	24.41 >24	24.00
	802.11be EHT40 52+26-Tones(H)	134/5670	21.59	24.34 >24	24.00
	802.11be EHT40 106+26-Tones(L)	102/5510	22.18	24.46 >24	24.00
	802.11be EHT40 106+26-Tones(H)	134/5670	26.92	25.30 >24	24.00
	802.11be EHT80 484+242-Tones(L)	106/5530	81.91	30.13 >24	24.00
	802.11be EHT80 484+242-Tones(H)	106/5530	83.58	30.22 >24	24.00
	802.11be EHT80 484+484punc242-Tones(L)	106/5530	89.35	30.51 >24	24.00
	802.11be EHT80 484punc242+484-Tones(H)	106/5530	88.75	30.48 >24	24.00
	802.11be EHT160 996+996punc242-Tones(L)	114/5570	160.32	33.05 >24	24.00
	802.11be EHT160 996+996punc242-Tones(H)	114/5570	163.80	33.14 >24	24.00
	802.11be EHT160 996+484-Tones(L)	114/5570	172.51	33.37 >24	24.00
	802.11be EHT160 996+484-Tones(H)	114/5570	181.49	33.59 >24	24.00
	802.11be EHT160 996+996punc484-Tones(L)	114/5570	138.09	32.40 >24	24.00
	802.11be EHT160 996punc484+996-Tones(H)	114/5570	142.19	32.53 >24	24.00
Note: 250mW=24dBm					

U-NII-1

Test Mode	Channel/ Frequency (MHz)	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
		Average Power Measured (dBm)	Average Power with duty factor (dBm)	Average Power Measured (dBm)	Average Power with duty factor (dBm)			
802.11be EHT40 52+26-Tones(L)	38/5190	13.54	13.54	13.94	13.94	16.76	24	PASS
802.11be EHT40 52+26-Tones(H)	46/5230	13.83	13.83	13.76	13.76	16.81	24	PASS
802.11be EHT40 106+26-Tones(L)	38/5190	16.52	16.52	15.84	15.84	19.20	24	PASS
802.11be EHT40 106+26-Tones(H)	46/5230	15.86	15.86	15.60	15.60	18.74	24	PASS
802.11be EHT80 484+242-Tones(L)	42/5210	15.88	15.88	15.61	15.61	18.76	24	PASS
802.11be EHT80 484+242-Tones(H)	42/5210	15.72	15.72	15.40	15.40	18.58	24	PASS
802.11be EHT80 484+484punc242-Tones(H)	42/5210	15.81	15.81	15.38	15.38	18.61	24	PASS
802.11be EHT80 484punc242+484-Tones(L)	42/5210	15.70	15.70	15.42	15.42	18.57	24	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),

The Total Power =$10\log(10^{(\text{Power ANT1 in dBm}/10)}+10^{(\text{Power ANT2 in dBm}/10)})$.

2.. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream:

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

Directional gain = $G_{ANT\ MAX}$ + Array Gain,

For power measurements on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

So directional gain = $G_{ANT\ MAX}$ + Array Gain =2.79+0=2.79dBi<6dBi. So the power limit is 24dBm.

U-NII-2A

Test Mode	Channel/ Frequency (MHz)	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
		Average Power Measured (dBm)	Average Power with duty factor (dBm)	Average Power Measured (dBm)	Average Power with duty factor (dBm)			
802.11be EHT40 52+26-Tones (L)	54/5270	13.91	13.91	13.62	13.62	16.77	24	PASS
802.11be EHT40 52+26-Tones(H)	62/5310	14.44	14.44	12.85	12.85	16.73	24	PASS
802.11be EHT40 106+26-Tones(L)	54/5270	15.89	15.89	15.73	15.73	18.82	24	PASS
802.11be EHT40 106+26-Tones(H)	62/5310	16.30	16.30	14.91	14.91	18.67	24	PASS
802.11be EHT80 484+242-Tones(L)	58/5290	15.86	15.86	15.48	15.48	18.68	24	PASS
802.11be EHT80 484+242-Tones(H)	58/5290	15.54	15.54	15.10	15.10	18.34	24	PASS
802.11be EHT80 484+484punc242-Tones(L)	58/5290	15.17	15.17	15.09	15.09	18.14	24	PASS
802.11be EHT80 484punc242+484-Tones(H)	58/5290	15.31	15.31	15.23	15.23	18.28	24	PASS
802.11be EHT160 996+996punc242-Tones(L)	50/5250	14.15	14.33	13.76	13.65	17.02	24	PASS
802.11be EHT160 996+996punc242-Tones(H)	50/5250	14.28	14.46	13.76	13.94	17.22	24	PASS
802.11be EHT160 996+484-Tones(L)	50/5250	14.20	14.20	13.72	13.72	16.98	24	PASS
802.11be EHT160 996+484-Tones(H)	50/5250	14.26	14.26	13.70	13.70	17.00	24	PASS
802.11be EHT160 996+996punc484-Tones(L)	50/5250	13.91	14.08	13.41	13.58	16.85	24	PASS
802.11be EHT160 996punc484+996-Tones(H)	50/5250	14.26	14.43	13.78	13.95	17.21	24	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),

The Total Power =$10\log(10^{(\text{Power ANT1 in dBm}/10)}+10^{(\text{Power ANT2 in dBm}/10)})$.

2. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

Directional gain = $G_{ANT\ MAX}$ + Array Gain,

For power measurements on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

So directional gain = $G_{ANT\ MAX}$ + Array Gain =2.79+0=2.79dBi<6dBi. So the power limit is 24dBm.

U-NII-2C

Test Mode	Channel/ Frequency (MHz)	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
		Average Power Measured (dBm)	Average Power with duty factor (dBm)	Average Power Measured (dBm)	Average Power with duty factor (dBm)			
802.11be EHT40 52+26-Tones (L)	102/5510	14.35	14.35	14.16	14.16	17.27	24	PASS
802.11be EHT40 52+26-Tones(H)	134/5670	14.62	14.62	14.57	14.57	17.60	24	PASS
802.11be EHT40 106+26-Tones(L)	102/5510	14.25	14.25	14.07	14.07	17.17	24	PASS
802.11be EHT40 106+26-Tones(H)	134/5670	14.57	14.57	14.54	14.54	17.57	24	PASS
802.11be EHT80 484+242-Tones(L)	106/5530	15.03	15.03	15.16	15.16	18.10	24	PASS
802.11be EHT80 484+242-Tones(H)	122/5610	15.04	15.04	15.22	15.22	18.14	24	PASS
802.11be EHT80 484+484punc242-Tones(L)	106/5530	14.95	14.95	15.11	15.11	18.04	24	PASS
802.11be EHT80 484punc242+484-Tones(H)	122/5610	14.96	14.96	15.18	15.18	18.08	24	PASS
802.11be EHT160 996+996punc242-Tones(L)	114/5570	14.17	14.35	13.48	13.66	17.03	24	PASS
802.11be EHT160 996+996punc242-Tones(H)	114/5570	13.96	14.14	13.48	13.66	16.92	24	PASS
802.11be EHT160 996+484-Tones(L)	114/5570	14.05	14.05	13.42	13.42	16.76	24	PASS
802.11be EHT160 996+484-Tones(H)	114/5570	14.01	14.01	13.45	13.45	16.75	24	PASS
802.11be EHT160 996+996punc484-Tones(L)	114/5570	14.06	14.23	13.40	13.57	16.92	24	PASS
802.11be EHT160 996punc484+996-Tones(H)	114/5570	13.91	14.08	13.46	13.63	16.87	24	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),

The Total Power $=10\log(10^{(\text{Power ANT1 in dBm/10})}+10^{(\text{Power ANT2 in dBm/10})})$.

2. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

Directional gain = $G_{ANT\ MAX}$ + Array Gain,

For power measurements on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

So directional gain = $G_{ANT\ MAX}$ + Array Gain =2.55+0=2.55dBi<6dBi. So the power limit is 24dBm.

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Test Mode	Channel/ Frequency (MHz)	MIMO ANT1		MIMO ANT2		Total Power (dBm)	Limit (dBm)	Conclusion
		Average Power Measured (dBm)	Average Power with duty factor (dBm)	Average Power Measured (dBm)	Average Power with duty factor (dBm)			
802.11be EHT40 52+26-Tones(L)	151/5755	17.15	17.15	17.06	17.06	20.11	30	PASS
802.11be EHT40 52+26-Tones(H)	159/5795	17.32	17.32	17.03	17.03	20.19	30	PASS
802.11be EHT40 106+26-Tones(L)	151/5755	17.04	17.04	16.90	16.90	19.98	30	PASS
802.11be EHT40 106+26-Tones(H)	159/5795	17.24	17.24	16.95	16.95	20.11	30	PASS
802.11be EHT80 484+242-Tones(L)	155/5775	15.78	15.78	15.58	15.58	18.69	30	PASS
802.11be EHT80 484+242-Tones(H)	155/5775	15.87	15.87	15.58	15.58	18.74	30	PASS
802.11be EHT80 484+484punc242-Tones(H)	155/5775	15.80	15.80	15.57	15.57	18.69	30	PASS
802.11be EHT80 484punc242+484-Tones(L)	155/5775	15.83	15.83	15.56	15.56	18.71	30	PASS

Note: 1.For Total Power, according to KDB 662911 D01 Multiple Transmitter Output v02r01 1),

The Total Power $=10\log(10^{(\text{Power ANT1 in dBm}/10)}+10^{(\text{Power ANT2 in dBm}/10)})$.

2. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii):If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

Directional gain = $G_{ANT\ MAX}$ + Array Gain,

For power measurements on IEEE 802.11 devices,

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

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

So directional gain = $G_{ANT\ MAX}$ + Array Gain =2.55+0=2.55dBi<6dBi. So the power limit is 30dBm.

5.3. Frequency Stability

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

1. Frequency stability with respect to ambient temperature

a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT. If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped with a permanently attached, adjustable-length antenna, then the EUT shall be placed in the center of the chamber with the antenna adjusted to the shortest length possible. Turn ON the EUT and tune it to one of the number of frequencies shown in 5.6.

b) Couple the unlicensed wireless device output to the measuring instrument by connecting an antenna to the measuring instrument with a suitable length of coaxial cable and placing the measuring antenna near the EUT (e.g., 15 cm away), or by connecting a dummy load to the measuring instrument, through an attenuator if necessary.

c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).

d) Turn the EUT OFF and place it inside the environmental temperature chamber. For devices that have oscillator heaters, energize only the heater circuit.

e) Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize.

f) While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.

g) Measure the frequency at each of frequencies specified in 5.6.

h) Switch OFF the EUT but do not switch OFF the oscillator heater.

i) Lower the chamber temperature by not more that 10°C, and allow the temperature inside the chamber to stabilize.

j) Repeat step f) through step i) down to the lowest specified temperature.

2. Frequency stability when varying supply voltage

Unless otherwise specified, these tests shall be made at ambient room temperature (+15°C to +25 °C). An antenna shall be connected to the antenna output terminals of the EUT if possible. If the EUT is equipped with or uses an adjustable-length antenna, then it shall be fully extended.

a) Supply the EUT with nominal voltage or install a new or fully charged battery in the EUT. Turn ON the EUT and couple its output to a frequency counter or other frequency-measuring instrument.

b) Tune the EUT to one of the number of frequencies required in 5.6. Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).
c) Measure the frequency at each of the frequencies specified in 5.6.
d) Repeat the above procedure at 85% and 115% of the nominal supply voltage.

Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 936Hz

Test Results

Voltage (V)	Temperature (°C)	U-NII-1 Test Results			
		5200MHz			
		1min	2min	5min	10min
8	-30	5200.007851	5200.002271	5199.999033	5199.997344
8	-20	5200.001873	5199.996772	5199.993303	5199.996655
8	-10	5199.994448	5199.989217	5199.989747	5199.994143
8	0	5199.998993	5199.996396	5199.986173	5199.994849
8	10	5199.990371	5199.988624	5199.979519	5199.991877
8	20	5199.986237	5199.985015	5199.974907	5199.987012
8	30	5199.982768	5199.980005	5199.969141	5199.979726
8	40	5199.973753	5199.971886	5199.968935	5199.978065
8	50	5199.969443	5199.964207	5199.962958	5199.969194
7.4	20	5199.962849	5199.955457	5199.962108	5199.964158
8.9	20	5199.959530	5199.950616	5199.958495	5199.955258
Max. ΔMHz		-0.040470	-0.049384	-0.041505	-0.044742
PPM		-7.782692	-9.496923	-7.981731	-8.604231

Voltage (V)	Temperature (°C)	U-NII-2A Test Results			
		5300MHz			
		1min	2min	5min	10min
8	-30	5300.009848	5300.000984	5299.992404	5299.985594
8	-20	5300.004145	5299.997650	5299.984614	5299.978346
8	-10	5299.996891	5299.996277	5299.983470	5299.973185
8	0	5300.001315	5299.994693	5299.975629	5299.975906
8	10	5299.992062	5299.988743	5299.965805	5299.972738
8	20	5299.989146	5299.988510	5299.958068	5299.967885
8	30	5299.987402	5299.983090	5299.951799	5299.963992
8	40	5299.979649	5299.976172	5299.947698	5299.963219
8	50	5299.977440	5299.966939	5299.942504	5299.962267
7.4	20	5299.975955	5299.959245	5299.941145	5299.957396
8.9	20	5299.970314	5299.954058	5299.931865	5299.956534
Max. ΔMHz		-0.029686	-0.045942	-0.068135	-0.043466
PPM		-5.601132	-8.668302	-12.855660	-8.201132

Voltage (V)	Temperature (°C)	U-NII-2C Test Results			
		5580MHz			
		1min	2min	5min	10min
8	-30	5579.998187	5579.996799	5579.993300	5579.987342
8	-20	5579.992881	5579.995431	5579.990986	5579.985131
8	-10	5579.992449	5579.990654	5579.987466	5579.975665
8	0	5579.987816	5579.992307	5579.989673	5579.980628
8	10	5579.983639	5579.988367	5579.987703	5579.975528
8	20	5579.974719	5579.986563	5579.981907	5579.971276
8	30	5579.965946	5579.982207	5579.979917	5579.964583
8	40	5579.960086	5579.975208	5579.974945	5579.961757
8	50	5579.953698	5579.970595	5579.972423	5579.959046
7.4	20	5579.946129	5579.963727	5579.966735	5579.954191
8.9	20	5579.946098	5579.954512	5579.966476	5579.945685
Max. ΔMHz		-0.053902	-0.045488	-0.033524	-0.054315
PPM		-9.659857	-8.151971	-6.007885	-9.733871

Voltage (V)	Temperature (°C)	U-NII-3 Test Results			
		5785MHz			
		1min	2min	5min	10min
8	-30	5784.991103	5784.983859	5784.978825	5784.977964
8	-20	5784.990544	5784.977728	5784.976008	5784.968363
8	-10	5784.986838	5784.972450	5784.974859	5784.968062
8	0	5784.982010	5784.973733	5784.970276	5784.966444
8	10	5784.977259	5784.965761	5784.965737	5784.958753
8	20	5784.969631	5784.959646	5784.961226	5784.949912
8	30	5784.963786	5784.953556	5784.955291	5784.949121
8	40	5784.959397	5784.948322	5784.954718	5784.942882
8	50	5784.956697	5784.942630	5784.953909	5784.938773
7.4	20	5784.951132	5784.934141	5784.945422	5784.936240
8.9	20	5784.949554	5784.929705	5784.941441	5784.928236
Max. ΔMHz		-0.050446	-0.070295	-0.058559	-0.071764
PPM		-8.720138	-12.151253	-10.122558	-12.405186

5.4. Power Spectral Density

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

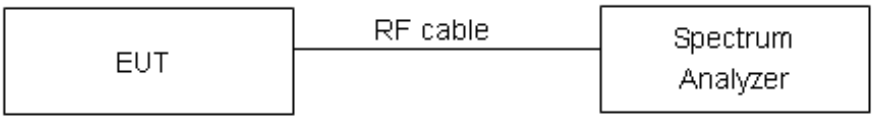
Method of Measurement

The EUT was connected to the spectrum analyzer through an external attenuator (20dB) and a known loss cable.

Set RBW = 1MHz, VBW =3MHz for the band 5.150-5.250GHz, 5.250-5.350GHz, 5.470-5.725GHz.
Set RBW = 470kHz, VBW =1.5MHz for the band 5.725-5.850GHz

The conducted PSD is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically.

Test setup



Limits

Rule FCC Part 15.407(a)(1)/ FCC Part 15.407(a)(2) / FCC Part 15.407(a)(3)
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band. If transmittingantennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Frequency Bands/GHz	Limits
5.15-5.25	11dBm/MHz
5.25-5.35 and 5.47-5.725	11dBm/MHz
5.725-5.85	30dBm/500kHz

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 0.75dB.

Test Results:

SISO Antenna1

U-NII-1

Test Mode	Channel/ Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm/MHz)	Conclusion
802.11a	36/5180	5.96	5.96	11	PASS
	40/5200	6.01	6.01	11	PASS
	48/5240	5.45	5.45	11	PASS
802.11n HT20	36/5180	5.82	5.82	11	PASS
	40/5200	5.91	5.91	11	PASS
	48/5240	5.47	5.47	11	PASS
802.11n HT40	38/5190	2.30	2.30	11	PASS
	46/5230	1.97	1.97	11	PASS
802.11ac VHT20	36/5180	4.77	4.77	11	PASS
	40/5200	4.96	4.96	11	PASS
	48/5240	4.46	4.46	11	PASS
802.11ac VHT40	38/5190	2.53	2.53	11	PASS
	46/5230	2.10	2.10	11	PASS
802.11ac VHT80	42/5210	-2.43	-2.43	11	PASS
802.11ac VHT60	50/5250	-5.88	-2.91	11	PASS
802.11ax HE20	36/5180	5.70	5.70	11	PASS
	40/5200	5.85	5.85	11	PASS
	48/5240	5.42	5.42	11	PASS
802.11ax HE40	38/5190	2.29	2.29	11	PASS
	46/5230	2.05	2.05	11	PASS
802.11ax HE80	42/5210	-1.40	-1.40	11	PASS
802.11ax HE160	50/5250	-5.35	-5.35	11	PASS
802.11be EHT20	36/5180	5.75	5.75	11	PASS
	40/5200	5.92	5.92	11	PASS
	48/5240	5.39	5.39	11	PASS
802.11be EHT40	38/5190	3.30	3.30	11	PASS
	46/5230	3.38	3.38	11	PASS
802.11be EHT80	42/5210	-1.22	-1.22	11	PASS
802.11be EHT160	50/5250	-5.83	-5.83	11	PASS
Note:1. Power Spectral Density=Read Value + Duty cycle correction factor					

U-NII-2A

Test Mode	Channel/ Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm/MHz)	Conclusion
802.11a	52/5260	5.65	5.65	11	PASS
	56/5280	5.31	5.31	11	PASS
	64/5320	5.14	5.14	11	PASS
802.11n HT20	52/5260	5.40	5.40	11	PASS
	56/5280	5.28	5.28	11	PASS
	64/5320	5.25	5.25	11	PASS
802.11n HT40	54/5270	0.78	0.78	11	PASS
	62/5310	1.42	1.42	11	PASS
802.11ac VHT20	52/5260	4.66	4.66	11	PASS
	56/5280	4.43	4.43	11	PASS
	64/5320	4.29	4.29	11	PASS
802.11ac VHT40	54/5270	0.89	0.89	11	PASS
	62/5310	1.39	1.39	11	PASS
802.11ac VHT80	58/5290	-2.91	-2.91	11	PASS
802.11ac VHT60	50/5250	-5.24	-5.24	11	PASS
802.11ax HE20	52/5260	5.50	5.50	11	PASS
	56/5280	5.29	5.29	11	PASS
	64/5320	5.11	5.11	11	PASS
802.11ax HE40	54/5270	1.73	1.73	11	PASS
	62/5310	2.69	2.69	11	PASS
802.11ax HE80	58/5290	-1.54	-1.54	11	PASS
802.11ax HE160	50/5250	-5.14	-5.14	11	PASS
802.11be EHT20	52/5260	5.45	5.45	11	PASS
	56/5280	5.21	5.21	11	PASS
	64/5320	5.31	5.31	11	PASS
802.11be EHT40	54/5270	2.88	2.88	11	PASS
	62/5310	3.49	3.49	11	PASS
802.11be EHT80	58/5290	-1.50	-1.50	11	PASS
802.11be EHT160	50/5250	-5.65	-5.65	11	PASS
Note:1. Power Spectral Density=Read Value + Duty cycle correction factor					

U-NII-2C

Test Mode	Channel /Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm /MHz)	Conclusion
802.11a	100/5500	5.53	5.53	11	PASS
	116/5580	5.31	5.31	11	PASS
	140/5700	5.58	5.58	11	PASS
	144/5720	5.60	5.60	11	PASS
802.11n HT20	100/5500	4.55	4.55	11	PASS
	116/5580	4.26	4.26	11	PASS
	140/5700	4.56	4.56	11	PASS
	144/5720	4.57	4.57	11	PASS
802.11n HT40	102/5510	-0.29	-0.29	11	PASS
	110/5550	-0.19	-0.19	11	PASS
	134/5670	-0.45	-0.45	11	PASS
	142/5710	-0.18	-0.18	11	PASS
802.11ac VHT20	100/5500	4.42	4.42	11	PASS
	116/5580	4.29	4.29	11	PASS
	140/5700	4.60	4.60	11	PASS
	144/5720	4.86	4.86	11	PASS
802.11ac VHT40	102/5510	-0.04	-0.04	11	PASS
	110/5550	0.03	0.03	11	PASS
	134/5670	-0.46	-0.46	11	PASS
	142/5710	-0.12	-0.12	11	PASS
802.11ac VHT80	106/5530	-2.86	-2.86	11	PASS
	122/5610	-3.30	-3.30	11	PASS
	138/5690	-2.85	-2.85	11	PASS
802.11ac VHT160	114/5570	-5.39	-5.39	11	PASS
802.11ax HE20	100/5500	3.46	3.46	11	PASS
	116/5580	3.37	3.37	11	PASS
	140/5700	3.25	3.25	11	PASS
	144/5720	3.55	3.55	11	PASS
802.11ax HE40	102/5510	-0.13	-0.13	11	PASS
	110/5550	-0.06	-0.06	11	PASS
	134/5670	-0.55	-0.55	11	PASS
	142/5710	-0.08	-0.08	11	PASS
802.11ax HE80	106/5530	-2.58	-2.58	11	PASS
	122/5610	-3.06	-3.06	11	PASS
	138/5690	-2.83	-2.83	11	PASS
802.11ax HE160	114/5570	-5.06	-5.06	11	PASS
802.11be HE20	100/5500	5.43	5.43	11	PASS
	116/5580	5.18	5.18	11	PASS
	140/5700	5.17	5.17	11	PASS
	144/5720	5.32	5.32	11	PASS
802.11be HE40	102/5510	0.78	0.78	11	PASS

	110/5550	0.80	0.80	11	PASS
	134/5670	0.23	0.23	11	PASS
	142/5710	0.83	0.83	11	PASS
802.11be HE80	106/5530	-1.29	-1.29	11	PASS
	122/5610	-1.85	-1.85	11	PASS
	138/5690	-1.75	-1.75	11	PASS
802.11be HE160	114/5570	-5.98	-5.98	11	PASS
Note: Power Spectral Density=Read Value + Duty cycle correction factor					

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Test Mode	Channel /Frequency (MHz)	Read Value (dBm/470kHz)	Power Spectral Density (dBm/500kHz)	Limit (dBm/500kHz)	Conclusion
802.11a	144/5720	2.31	2.58	30	PASS
	149/5745	2.24	2.51	30	PASS
	157/5785	2.75	3.02	30	PASS
	165/5825	2.95	3.22	30	PASS
802.11n HT20	144/5720	1.27	1.54	30	PASS
	149/5745	2.20	2.47	30	PASS
	157/5785	2.67	2.94	30	PASS
	165/5825	2.61	2.88	30	PASS
802.11n HT40	144/5720	-3.36	-3.09	30	PASS
	151/5755	-0.18	0.09	30	PASS
	159/5795	0.27	0.54	30	PASS
802.11ac VHT20	144/5720	1.41	1.68	30	PASS
	149/5745	1.24	1.51	30	PASS
	157/5785	1.62	1.89	30	PASS
	165/5825	1.75	2.02	30	PASS
802.11ac VHT40	142/5710	-3.42	-3.15	30	PASS
	151/5755	-1.05	-0.78	30	PASS
	159/5795	-0.72	-0.45	30	PASS
802.11ac VHT80	138/5690	-6.02	-5.75	30	PASS
	155/5775	-5.56	-5.29	30	PASS
802.11ax HE20	144/5720	0.31	0.58	30	PASS
	149/5745	2.38	2.65	30	PASS
	157/5785	2.35	2.62	30	PASS
	165/5825	2.51	2.78	30	PASS
802.11ax HE40	142/5710	-3.37	-3.10	30	PASS
	151/5755	-0.06	0.21	30	PASS
	159/5795	0.21	0.48	30	PASS
802.11ax HE80	138/5690	-6.21	-5.94	30	PASS
	155/5775	-4.47	-4.20	30	PASS
802.11be EHT20	144/5720	2.35	2.62	30	PASS
	149/5745	2.09	2.36	30	PASS

	157/5785	2.56	2.83	30	PASS
	165/5825	2.45	2.72	30	PASS
802.11be EHT40	142/5710	-2.67	-2.40	30	PASS
	151/5755	-0.19	0.08	30	PASS
	159/5795	-0.12	0.15	30	PASS
802.11be EHT80	138/5690	-4.83	-4.56	30	PASS
	155/5775	-4.01	-3.74	30	PASS
Note: PSD=Read Value + Duty cycle correction factor +10*log(500/470)					

SISO Antenna2

U-NII-1

Test Mode	Channel/ Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm/MHz)	Conclusion
802.11a	36/5180	5.76	5.76	11	PASS
	40/5200	5.88	5.88	11	PASS
	48/5240	5.91	5.91	11	PASS
802.11n HT20	36/5180	5.83	5.83	11	PASS
	40/5200	5.84	5.84	11	PASS
	48/5240	5.88	5.88	11	PASS
802.11n HT40	38/5190	2.22	2.22	11	PASS
	46/5230	2.62	2.62	11	PASS
802.11ac VHT20	36/5180	4.78	4.78	11	PASS
	40/5200	4.58	4.58	11	PASS
	48/5240	4.80	4.80	11	PASS
802.11ac VHT40	38/5190	2.26	2.26	11	PASS
	46/5230	2.63	2.63	11	PASS
802.11ac VHT80	42/5210	-2.58	-2.58	11	PASS
802.11ac VHT60	50/5250	-5.76	-5.76	11	PASS
802.11ax HE20	36/5180	5.79	5.79	11	PASS
	40/5200	5.65	5.65	11	PASS
	48/5240	5.80	5.80	11	PASS
802.11ax HE40	38/5190	2.00	2.00	11	PASS
	46/5230	2.35	2.35	11	PASS
802.11ax HE80	42/5210	-1.45	-1.45	11	PASS
802.11ax HE160	50/5250	-5.53	-5.53	11	PASS
802.11be EHT20	36/5180	5.53	5.53	11	PASS
	40/5200	5.56	5.56	11	PASS
	48/5240	5.51	5.51	11	PASS
802.11be EHT40	38/5190	3.51	3.51	11	PASS

	46/5230	3.21	3.21	11	PASS
802.11be EHT80	42/5210	-1.39	-1.39	11	PASS
802.11be EHT160	50/5250	-6.24	-6.24	11	PASS
Note:1. Power Spectral Density=Read Value + Duty cycle correction factor					

U-NII-2A

Test Mode	Channel/ Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm/MHz)	Conclusion
802.11a	52/5260	5.31	5.31	11	PASS
	56/5280	5.29	5.29	11	PASS
	64/5320	4.83	4.83	11	PASS
802.11n HT20	52/5260	5.63	5.63	11	PASS
	56/5280	5.31	5.31	11	PASS
	64/5320	4.78	4.78	11	PASS
802.11n HT40	54/5270	0.67	0.67	11	PASS
	62/5310	1.15	1.15	11	PASS
802.11ac VHT20	52/5260	4.29	4.29	11	PASS
	56/5280	4.16	4.16	11	PASS
	64/5320	3.88	3.88	11	PASS
802.11ac VHT40	54/5270	0.56	0.56	11	PASS
	62/5310	1.11	1.11	11	PASS
802.11ac VHT80	58/5290	-3.12	-3.12	11	PASS
802.11ac VHT60	50/5250	-6.04	-6.04	11	PASS
802.11ax HE20	52/5260	5.18	5.18	11	PASS
	56/5280	4.97	4.97	11	PASS
	64/5320	4.80	4.80	11	PASS
802.11ax HE40	54/5270	1.50	1.50	11	PASS
	62/5310	2.04	2.04	11	PASS
802.11ax HE80	58/5290	-1.55	-1.55	11	PASS
802.11ax HE160	50/5250	-5.72	-5.72	11	PASS
802.11be EHT20	52/5260	5.00	5.00	11	PASS
	56/5280	5.10	5.10	11	PASS
	64/5320	4.61	4.61	11	PASS
802.11be EHT40	54/5270	2.51	2.51	11	PASS
	62/5310	2.82	2.82	11	PASS
802.11be EHT80	58/5290	-1.61	-1.61	11	PASS
802.11be EHT160	50/5250	-6.36	-6.36	11	PASS
Note:1. Power Spectral Density=Read Value + Duty cycle correction factor					

U-NII-2C

Test Mode	Channel /Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm /MHz)	Conclusion
802.11a	100/5500	5.81	5.81	11	PASS
	116/5580	6.04	6.04	11	PASS
	140/5700	5.52	5.52	11	PASS
	144/5720	5.65	5.65	11	PASS
802.11n HT20	100/5500	4.45	4.45	11	PASS
	116/5580	4.58	4.58	11	PASS
	140/5700	4.34	4.34	11	PASS
	144/5720	4.64	4.64	11	PASS
802.11n HT40	102/5510	0.36	0.36	11	PASS
	110/5550	-0.12	-0.12	11	PASS
	134/5670	-0.52	-0.52	11	PASS
	142/5710	-0.16	-0.16	11	PASS
802.11ac VHT20	100/5500	4.39	4.39	11	PASS
	116/5580	4.62	4.62	11	PASS
	140/5700	4.48	4.48	11	PASS
	144/5720	4.62	4.62	11	PASS
802.11ac VHT40	102/5510	0.17	0.17	11	PASS
	110/5550	-0.01	-0.01	11	PASS
	134/5670	-0.39	-0.39	11	PASS
	142/5710	-0.03	-0.03	11	PASS
802.11ac VHT80	106/5530	-2.58	-2.58	11	PASS
	122/5610	-2.73	-2.73	11	PASS
	138/5690	-2.97	-2.97	11	PASS
802.11ac VHT160	114/5570	-5.72	-5.72	11	PASS
802.11ax HE20	100/5500	3.31	3.31	11	PASS
	116/5580	3.62	3.62	11	PASS
	140/5700	3.20	3.20	11	PASS
	144/5720	3.38	3.38	11	PASS
802.11ax HE40	102/5510	-0.06	-0.06	11	PASS
	110/5550	-0.20	-0.20	11	PASS
	134/5670	-0.55	-0.55	11	PASS
	142/5710	-0.28	-0.28	11	PASS
802.11ax HE80	106/5530	-2.74	-2.74	11	PASS
	122/5610	-2.64	-2.64	11	PASS
	138/5690	-2.79	-2.79	11	PASS
802.11ax HE160	114/5570	-5.60	-5.60	11	PASS
802.11be HE20	100/5500	5.52	5.52	11	PASS
	116/5580	5.43	5.43	11	PASS
	140/5700	5.08	5.08	11	PASS
	144/5720	5.33	5.33	11	PASS
802.11be HE40	102/5510	0.87	0.87	11	PASS

	110/5550	0.82	0.82	11	PASS
	134/5670	0.14	0.14	11	PASS
	142/5710	0.70	0.70	11	PASS
802.11be HE80	106/5530	-1.66	-1.66	11	PASS
	122/5610	-1.76	-1.76	11	PASS
	138/5690	-1.94	-1.94	11	PASS
802.11be HE160	114/5570	-6.18	-6.18	11	PASS
Note: Power Spectral Density=Read Value + Duty cycle correction factor					

U-NII-3

Test Mode	Channel /Frequency (MHz)	Read Value (dBm/470kHz)	Power Spectral Density (dBm/500kHz)	Limit (dBm/500kHz)	Conclusion
802.11a	144/5720	2.23	2.50	30	PASS
	149/5745	2.58	2.85	30	PASS
	157/5785	2.87	3.14	30	PASS
	165/5825	3.20	3.47	30	PASS
802.11n HT20	144/5720	1.22	1.49	30	PASS
	149/5745	2.20	2.47	30	PASS
	157/5785	2.41	2.68	30	PASS
	165/5825	2.67	2.94	30	PASS
802.11n HT40	142/5710	-3.31	-3.04	30	PASS
	151/5755	-0.22	0.05	30	PASS
	159/5795	0.34	0.61	30	PASS
802.11ac VHT20	144/5720	1.04	1.31	30	PASS
	149/5745	1.11	1.38	30	PASS
	157/5785	1.54	1.81	30	PASS
	165/5825	1.63	1.90	30	PASS
802.11ac VHT40	142/5710	-3.46	-3.19	30	PASS
	151/5755	-1.24	-0.97	30	PASS
	159/5795	-0.86	-0.59	30	PASS
802.11ac VHT80	138/5690	-6.10	-5.83	30	PASS
	155/5775	-5.55	-5.28	30	PASS
802.11ax HE20	144/5720	0.30	0.57	30	PASS
	149/5745	2.35	2.62	30	PASS
	157/5785	2.47	2.74	30	PASS
	165/5825	2.60	2.87	30	PASS
802.11ax HE40	142/5710	-3.50	-3.23	30	PASS
	151/5755	-0.28	-0.01	30	PASS
	159/5795	0.06	0.33	30	PASS
802.11ax HE80	138/5690	-6.18	-5.91	30	PASS
	155/5775	-4.30	-4.03	30	PASS
802.11be EHT20	144/5720	1.90	2.17	30	PASS
	149/5745	2.08	2.35	30	PASS

	157/5785	2.34	2.61	30	PASS
	165/5825	2.63	2.90	30	PASS
802.11be EHT40	142/5710	-2.83	-2.56	30	PASS
	151/5755	-0.22	0.05	30	PASS
	159/5795	0.11	0.38	30	PASS
802.11be EHT80	138/5690	-5.51	-5.24	30	PASS
	155/5775	-4.33	-4.06	30	PASS
Note: PSD=Read Value + Duty cycle correction factor +10*log(500/470)					

MIMO

U-NII-1

Mode	Channel /Frequency (MHz)	Power Spectral Density					Limit (dBm /MHz)	Conclusion
		ANT1		ANT2		Total PSD (dBm/MHz)		
		Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11a	36/5180	6.13	6.13	6.02	6.02	9.09	11	PASS
	40/5200	5.95	5.95	6.06	6.06	9.02	11	PASS
	48/5240	5.55	5.55	5.93	5.93	8.75	11	PASS
802.11n HT20	36/5180	5.95	5.95	5.67	5.67	8.82	11	PASS
	40/5200	5.89	5.89	5.68	5.68	8.80	11	PASS
	48/5240	5.39	5.39	5.61	5.61	8.51	11	PASS
802.11n HT40	38/5190	2.25	2.25	2.44	2.44	5.36	11	PASS
	46/5230	1.86	1.86	2.34	2.34	5.12	11	PASS
802.11ac VHT20	36/5180	4.72	4.72	4.61	4.61	7.68	11	PASS
	40/5200	4.62	4.62	4.54	4.54	7.59	11	PASS
	48/5240	4.40	4.40	4.52	4.52	7.47	11	PASS
802.11ac VHT40	38/5190	2.16	2.16	2.17	2.17	5.18	11	PASS
	46/5230	1.89	1.89	2.65	2.65	5.30	11	PASS
802.11ac VHT80	42/5210	-2.68	-2.68	-2.76	-2.76	0.29	11	PASS
802.11ac VHT160	50/5250	-5.87	-5.87	-5.95	-5.95	-2.90	11	PASS
802.11ax HE20	36/5180	5.60	5.60	5.59	5.59	8.61	11	PASS
	40/5200	5.53	5.53	5.72	5.72	8.64	11	PASS
	48/5240	5.16	5.16	5.54	5.54	8.36	11	PASS
802.11ax HE40	38/5190	2.22	2.22	2.31	2.31	5.28	11	PASS
	46/5230	1.73	1.73	2.27	2.27	5.02	11	PASS
802.11ax HE80	42/5210	-1.64	-1.64	-1.44	-1.44	1.47	11	PASS
802.11ax HE160	50/5250	-5.57	-5.57	-5.21	-5.21	-2.38	11	PASS
802.11be EHT20	36/5180	5.50	5.50	5.58	5.58	8.55	11	PASS
	40/5200	5.63	5.63	5.31	5.31	8.48	11	PASS
	48/5240	5.41	5.41	5.65	5.65	8.54	11	PASS

802.11be EHT40	38/5190	3.04	3.04	3.17	3.17	6.12	11	PASS
	46/5230	2.67	2.67	3.30	3.30	6.01	11	PASS
802.11be EHT80	42/5210	-1.30	-1.30	-1.28	-1.28	1.72	11	PASS
802.11be EHT160	50/5250	-5.91	-5.91	-6.13	-6.13	-3.01	11	PASS

Note: 1. Power Spectral Density =Read Value + Duty cycle correction factor

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=10log($10^{(\text{PSD ANT1 in dBm/10})}$+$10^{(\text{PSD ANT2 in dBm/10})}$)

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain=2.79+10log(2/1)=5.80<6 dBi. So the PSD limit is 11dBm.

U-NII-2A

Mode	Channel /Frequency (MHz)	Power Spectral Density					Limit (dBm /MHz)	Conclusion
		ANT1		ANT2		Total PSD (dBm/MHz)		
		Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11a	52/5260	5.72	5.72	5.55	5.55	8.65	11	PASS
	56/5280	5.50	5.50	5.51	5.51	8.52	11	PASS
	64/5320	5.42	5.42	4.76	4.76	8.11	11	PASS
802.11n HT20	52/5260	5.45	5.45	5.39	5.39	8.43	11	PASS
	56/5280	5.21	5.21	5.12	5.12	8.18	11	PASS
	64/5320	5.05	5.05	4.34	4.34	7.72	11	PASS
802.11n HT40	54/5270	0.80	0.80	0.45	0.45	3.64	11	PASS
	62/5310	1.36	1.36	1.04	1.04	4.21	11	PASS
802.11ac VHT20	52/5260	4.24	4.24	4.43	4.43	7.35	11	PASS
	56/5280	4.43	4.43	4.14	4.14	7.30	11	PASS
	64/5320	4.22	4.22	3.43	3.43	6.85	11	PASS
802.11ac VHT40	54/5270	0.74	0.74	0.64	0.64	3.70	11	PASS
	62/5310	1.32	1.32	0.99	0.99	4.17	11	PASS
802.11ac VHT80	58/5290	-3.02	-3.02	-3.01	-3.01	0.00	11	PASS
802.11ac VHT160	50/5250	-5.38	-5.38	-6.24	-6.24	-2.78	11	PASS
802.11ax HE20	52/5260	5.25	5.25	5.15	5.15	8.21	11	PASS
	56/5280	5.23	5.23	5.00	5.00	8.13	11	PASS
	64/5320	5.09	5.09	4.42	4.42	7.78	11	PASS
802.11ax HE40	54/5270	1.89	1.89	1.81	1.81	4.86	11	PASS
	62/5310	2.39	2.39	1.79	1.79	5.11	11	PASS
802.11ax HE80	58/5290	-1.88	-1.88	-1.91	-1.91	1.12	11	PASS
802.11ax HE160	50/5250	-5.05	-5.05	-5.62	-5.62	-2.32	11	PASS

802.11be EHT20	52/5260	5.29	5.29	5.04	5.04	8.18	11	PASS
	56/5280	5.24	5.24	4.82	4.82	8.05	11	PASS
	64/5320	5.00	5.00	4.55	4.55	7.79	11	PASS
802.11be EHT40	54/5270	2.87	2.87	2.81	2.81	5.85	11	PASS
	62/5310	3.39	3.39	3.12	3.12	6.27	11	PASS
802.11be EHT80	58/5290	-1.74	-1.74	-1.91	-1.91	1.19	11	PASS
802.11be EHT160	50/5250	-5.45	-5.45	-5.99	-5.99	-2.70	11	PASS

Note: 1. Power Spectral Density =Read Value + Duty cycle correction factor

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=10log($10^{(\text{PSD ANT1 in dBm/10})}$+$10^{(\text{PSD ANT2 in dBm/10})}$)

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain=2.79+10log(2/1)=5.80<6 dBi. So the PSD limit is 11dBm.

U-NII-2C

Mode	Channel /Frequency (MHz)	Power Spectral Density					Limit (dBm /MHz)	Conclusion
		ANT1		ANT2		Total PSD (dBm/MHz)		
		Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11a	100/5500	5.71	5.71	5.56	5.56	8.65	11	PASS
	116/5580	5.57	5.57	5.95	5.95	8.77	11	PASS
	140/5700	5.56	5.56	5.46	5.46	8.52	11	PASS
	144/5720	5.53	5.53	5.58	5.58	8.57	11	PASS
802.11n HT20	100/5500	4.47	4.47	4.44	4.44	7.47	11	PASS
	116/5580	3.96	3.96	4.65	4.65	7.33	11	PASS
	140/5700	4.24	4.24	4.13	4.13	7.20	11	PASS
	144/5720	4.37	4.37	4.23	4.23	7.31	11	PASS
802.11n HT40	102/5510	-0.22	-0.22	0.22	0.22	3.02	11	PASS
	110/5550	0.03	0.03	-0.15	-0.15	2.95	11	PASS
	134/5670	-0.59	-0.59	-0.17	-0.17	2.64	11	PASS
	142/5710	-0.07	-0.07	0.01	0.01	2.98	11	PASS
802.11ac VHT20	100/5500	4.26	4.26	4.56	4.56	7.42	11	PASS
	116/5580	3.99	3.99	4.88	4.88	7.47	11	PASS
	140/5700	4.30	4.30	4.32	4.32	7.32	11	PASS
	144/5720	4.38	4.38	4.27	4.27	7.34	11	PASS
802.11ac VHT40	102/5510	-0.26	-0.26	0.02	0.02	2.89	11	PASS
	110/5550	-0.11	-0.11	-0.15	-0.15	2.88	11	PASS
	134/5670	-0.47	-0.47	-0.47	-0.47	2.54	11	PASS

	142/5710	-0.13	-0.13	-0.06	-0.06	2.92	11	PASS
802.11ac VHT80	106/5530	-2.84	-2.84	-2.64	-2.64	0.27	11	PASS
	122/5610	-3.27	-3.27	-2.91	-2.91	-0.08	11	PASS
	138/5690	-2.99	-2.99	-2.86	-2.86	0.09	11	PASS
802.11ac VHT160	114/5570	-5.67	-5.67	-5.48	-5.48	-2.56	11	PASS
802.11ax HE20	100/5500	3.18	3.18	3.29	3.29	6.25	11	PASS
	116/5580	3.11	3.11	3.74	3.74	6.45	11	PASS
	140/5700	3.15	3.15	3.12	3.12	6.15	11	PASS
	144/5720	3.41	3.41	3.23	3.23	6.33	11	PASS
802.11ax HE40	102/5510	-0.35	-0.35	-0.21	-0.21	2.73	11	PASS
	110/5550	-0.30	-0.30	-0.29	-0.29	2.72	11	PASS
	134/5670	-0.71	-0.71	-0.61	-0.61	2.35	11	PASS
	142/5710	-0.29	-0.29	-0.22	-0.22	2.76	11	PASS
802.11ax HE80	106/5530	-2.67	-2.67	-2.57	-2.57	0.39	11	PASS
	122/5610	-3.29	-3.29	-2.71	-2.71	0.02	11	PASS
	138/5690	-3.01	-3.01	-2.67	-2.67	0.17	11	PASS
802.11ax HE160	114/5570	-5.46	-5.46	-5.55	-5.55	-2.49	11	PASS
802.11be HE20	100/5500	5.03	5.03	4.96	4.96	8.01	11	PASS
	116/5580	5.04	5.04	5.40	5.40	8.23	11	PASS
	140/5700	4.96	4.96	5.06	5.06	8.02	11	PASS
	144/5720	5.04	5.04	4.99	4.99	8.03	11	PASS
802.11be HE40	102/5510	0.66	0.66	0.98	0.98	3.83	11	PASS
	110/5550	0.68	0.68	0.86	0.86	3.78	11	PASS
	134/5670	0.48	0.48	0.46	0.46	3.48	11	PASS
	142/5710	0.81	0.81	0.88	0.88	3.86	11	PASS
802.11be HE80	106/5530	-1.53	-1.53	-1.54	-1.54	1.48	11	PASS
	122/5610	-2.16	-2.16	-1.86	-1.86	1.00	11	PASS
	138/5690	-1.86	-1.86	-1.78	-1.78	1.19	11	PASS
802.11be HE160	114/5570	-5.79	-5.79	-5.97	-5.97	-2.87	11	PASS

Note: 1. Power Spectral Density =Read Value + Duty cycle correction factor

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=$10\log(10^{(\text{PSD ANT1 in dBm/10})}+10^{(\text{PSD ANT2 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain=2.55+10log(2/1)=5.56<6 dBi. So the PSD limit is 11dBm.

U-NII-3

Mode	Channel /Frequency (MHz)	Power Spectral Density					Limit (dBm/ 500kHz)	Conclusion
		ANT1		ANT2		Total PSD (dBm/ 500kHz)		
		Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)			
802.11a	144/5720	2.14	2.41	2.00	2.27	5.35	30	PASS
	149/5745	2.52	2.79	2.73	3.00	5.91	30	PASS
	157/5785	2.96	3.23	2.94	3.21	6.23	30	PASS
	165/5825	2.92	3.19	3.08	3.35	6.28	30	PASS
802.11n HT20	144/5720	1.05	1.32	0.78	1.05	4.20	30	PASS
	149/5745	2.30	2.57	2.21	2.48	5.54	30	PASS
	157/5785	2.41	2.68	2.47	2.74	5.72	30	PASS
	165/5825	2.50	2.77	2.57	2.84	5.82	30	PASS
802.11n HT40	142/5710	-3.67	-3.40	-3.44	-3.17	-0.27	30	PASS
	151/5755	-0.25	0.02	0.17	0.44	3.25	30	PASS
	159/5795	-0.09	0.18	0.28	0.55	3.38	30	PASS
802.11ac VHT20	144/5720	1.11	1.38	0.77	1.04	4.22	30	PASS
	149/5745	1.25	1.52	1.24	1.51	4.53	30	PASS
	157/5785	1.45	1.72	1.56	1.83	4.79	30	PASS
	165/5825	1.61	1.88	1.68	1.95	4.93	30	PASS
802.11ac VHT40	142/5710	-3.56	-3.29	-3.36	-3.09	-0.18	30	PASS
	151/5755	-1.27	-1.00	-1.19	-0.92	2.05	30	PASS
	159/5795	-0.91	-0.64	-0.77	-0.50	2.44	30	PASS
802.11ac VHT80	138/5690	-6.50	-6.23	-5.99	-5.72	-2.96	30	PASS
	155/5775	-5.58	-5.31	-5.44	-5.17	-2.23	30	PASS
802.11ax HE20	144/5720	0.15	0.42	-0.44	-0.17	3.15	30	PASS
	149/5745	2.11	2.38	2.05	2.32	5.36	30	PASS
	157/5785	2.38	2.65	2.08	2.35	5.51	30	PASS
	165/5825	2.47	2.74	2.54	2.81	5.79	30	PASS
802.11ax HE40	142/5710	-3.87	-3.60	-3.58	-3.31	-0.44	30	PASS
	151/5755	-0.24	0.03	-0.34	-0.07	2.99	30	PASS
	159/5795	-0.12	0.15	0.11	0.38	3.28	30	PASS
802.11ax HE80	138/5690	-6.21	-5.94	-6.12	-5.85	-2.88	30	PASS
	155/5775	-4.23	-3.96	-4.13	-3.86	-0.90	30	PASS
802.11be EHT20	144/5720	1.88	2.15	1.58	1.85	5.01	30	PASS
	149/5745	2.07	2.34	2.45	2.72	5.54	30	PASS
	157/5785	2.55	2.82	2.23	2.50	5.67	30	PASS
	165/5825	2.53	2.80	2.54	2.81	5.82	30	PASS
802.11be	142/5710	-2.82	-2.55	-2.48	-2.21	0.63	30	PASS

EHT40	151/5755	-0.52	-0.25	-0.01	0.26	3.02	30	PASS
	159/5795	-0.25	0.02	0.08	0.35	3.20	30	PASS
802.11be EHT80	138/5690	-5.02	-4.75	-5.14	-4.87	-1.80	30	PASS
	155/5775	-4.25	-3.98	-4.37	-4.10	-1.03	30	PASS

Note:1. Power Spectral Density =Read Value + Duty cycle correction factor +10*log(500/470).

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=$10\log(10^{(\text{PSD ANT1 in dBm/10})}+10^{(\text{PSD ANT2 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain=2.55+10log(2/1)=5.56<6 dBi. So the PSD limit is 30dBm.

TB Mode

U-NII-1

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density					Limit (dBm/MHz)	Conclusion
			ANT1		ANT2		Total PSD (dBm/MHz)		
			Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11ax HE20 26-Tones	36/5180	0	7.25	7.25	7.03	7.03	10.15	11.00	PASS
	40/5200	4	5.10	5.10	5.95	5.95	8.56	11.00	PASS
	48/5240	8	6.48	6.48	7.02	7.02	9.77	11.00	PASS
802.11ax HE20 52-Tones	36/5180	37	4.64	4.64	4.60	4.60	7.63	11.00	PASS
	40/5200	39	4.10	4.10	4.52	4.52	7.33	11.00	PASS
	48/5240	40	3.87	3.87	4.44	4.44	7.17	11.00	PASS
802.11ax HE20 106-Tones	36/5180	53	0.99	0.99	1.51	1.51	4.27	11.00	PASS
	40/5200	53	1.00	1.00	1.46	1.46	4.25	11.00	PASS
	48/5240	54	0.76	0.76	1.30	1.30	4.05	11.00	PASS
802.11ax HE20 242-Tones	36/5180	61	-2.50	-2.50	-2.02	-2.02	0.76	11.00	PASS
	40/5200	61	-2.50	-2.50	-2.27	-2.27	0.63	11.00	PASS
	48/5240	61	-2.51	-2.51	-2.34	-2.34	0.59	11.00	PASS
802.11ax HE40 26-Tones	38/5190	0	7.11	7.11	6.95	6.95	10.04	11.00	PASS
	46/5230	17	5.96	5.96	6.67	6.67	9.34	11.00	PASS
802.11ax HE40 484-Tones	38/5190	65	-5.23	-5.23	-5.21	-5.21	-2.21	11.00	PASS
	46/5230	65	-5.40	-5.40	-5.53	-5.53	-2.45	11.00	PASS
802.11ax HE80 26-Tones	42/5210	0	7.44	7.44	6.60	6.60	10.05	11.00	PASS
	42/5210	36	5.55	5.55	7.27	7.27	9.50	11.00	PASS
802.11ax HE80 996-Tones	42/5210	67	-8.44	-8.44	-8.20	-8.20	-5.31	11.00	PASS
802.11be EHT20 26-Tones	36/5180	0	7.37	7.37	7.28	7.28	10.34	11.00	PASS
	40/5200	4	5.11	5.11	6.33	6.33	8.77	11.00	PASS
	48/5240	8	6.58	6.58	7.09	7.09	9.85	11.00	PASS
802.11be EHT20 52-Tones	36/5180	37	4.73	4.73	4.99	4.99	7.87	11.00	PASS
	40/5200	39	4.24	4.24	4.23	4.23	7.25	11.00	PASS
	48/5240	40	3.73	3.73	4.75	4.75	7.28	11.00	PASS
802.11be EHT20 106-Tones	36/5180	53	0.87	0.87	1.91	1.91	4.43	11.00	PASS
	40/5200	53	0.72	0.72	1.92	1.92	4.37	11.00	PASS
	48/5240	54	0.75	0.75	1.36	1.36	4.08	11.00	PASS
802.11be EHT20 242-Tones	36/5180	61	-2.29	-2.29	-2.06	-2.06	0.84	11.00	PASS
	40/5200	61	-2.20	-2.20	-1.97	-1.97	0.93	11.00	PASS
	48/5240	61	-2.59	-2.59	-1.77	-1.77	0.85	11.00	PASS
802.11be EHT40 26-Tones	38/5190	0	7.31	7.31	6.92	6.92	10.13	11.00	PASS
	46/5230	17	5.65	5.65	6.93	6.93	9.35	11.00	PASS

802.11be EHT40 484-Tones	38/5190	65	-5.35	-5.35	-4.97	-4.97	-2.15	11.00	PASS
	46/5230	65	-5.43	-5.43	-5.14	-5.14	-2.27	11.00	PASS
802.11be EHT80 26-Tones	42/5210	0	7.50	7.50	6.59	6.59	10.08	11.00	PASS
	42/5210	36	5.45	5.45	6.74	6.74	9.15	11.00	PASS
802.11be EHT80 996-Tones	42/5210	67	-8.39	-8.39	-8.40	-8.40	-5.38	11.00	PASS

Note: 1. Power Spectral Density =Read Value + Duty cycle correction factor

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=$10\log(10^{(\text{PSD ANT5 in dBm/10})}+10^{(\text{PSD ANT7 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain=2.79+10log(2/1)=5.80<6 dBi.. So the PSD limit is 11dBm

U-NII-2A

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density					Limit (dBm /MHz)	Conclusion
			ANT1		ANT2		Total PSD (dBm/MHz)		
			Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11ax HE20 26-Tones	52/5260	0	6.89	6.89	7.40	7.40	10.16	11.00	PASS
	60/5300	4	5.61	5.61	5.73	5.73	8.68	11.00	PASS
	64/5320	8	6.82	6.82	6.58	6.58	9.71	11.00	PASS
802.11ax HE20 52-Tones	52/5260	37	3.66	3.66	4.37	4.37	7.04	11.00	PASS
	60/5300	39	3.68	3.68	4.04	4.04	6.87	11.00	PASS
	64/5320	40	4.22	4.22	3.88	3.88	7.06	11.00	PASS
802.11ax HE20 106-Tones	52/5260	53	0.73	0.73	1.15	1.15	3.96	11.00	PASS
	60/5300	53	1.51	1.51	1.66	1.66	4.60	11.00	PASS
	64/5320	54	0.85	0.85	0.34	0.34	3.61	11.00	PASS
802.11ax HE20 242-Tones	52/5260	61	-2.65	-2.65	-2.35	-2.35	0.51	11.00	PASS
	60/5300	61	-2.18	-2.18	-2.28	-2.28	0.78	11.00	PASS
	64/5320	61	-2.42	-2.42	-2.55	-2.55	0.53	11.00	PASS
802.11ax HE40 26-Tones	54/5270	0	6.75	6.75	7.60	7.60	10.21	11.00	PASS
	62/5310	17	6.69	6.69	6.75	6.75	9.73	11.00	PASS
802.11ax HE40 484-Tones	54/5270	65	-4.66	-4.66	-4.19	-4.19	-1.41	11.00	PASS
	62/5310	65	-4.47	-4.47	-4.15	-4.15	-1.30	11.00	PASS
802.11ax HE80 26-Tones	58/5290	0	7.29	7.29	8.00	8.00	10.67	11.00	PASS
	58/5290	36	6.89	6.89	6.92	6.92	9.92	11.00	PASS
802.11ax HE80 996-Tones	58/5290	67	-6.80	-6.80	-7.39	-7.39	-4.07	11.00	PASS
802.11ax HE160 26-Tones	50/5250	0	7.57	7.57	8.10	8.10	10.85	11.00	PASS
	50/5250	H	7.02	7.02	7.96	7.96	10.53	11.00	PASS
802.11ax HE160 996*2-Tones	50/5250	68	-8.29	-8.29	-8.26	-8.26	-5.26	11.00	PASS
802.11be EHT20 26-Tones	52/5260	0	7.42	7.42	8.20	8.20	10.84	11.00	PASS
	60/5300	4	6.48	6.48	6.29	6.29	9.40	11.00	PASS
	64/5320	8	7.34	7.34	7.60	7.60	10.48	11.00	PASS
802.11be EHT20 52-Tones	52/5260	37	4.38	4.38	5.44	5.44	7.95	11.00	PASS
	60/5300	39	4.21	4.21	4.88	4.88	7.57	11.00	PASS
	64/5320	40	4.85	4.85	4.59	4.59	7.73	11.00	PASS
802.11be EHT20 106-Tones	52/5260	53	1.31	1.31	2.51	2.51	4.96	11.00	PASS
	60/5300	53	2.36	2.36	2.43	2.43	5.41	11.00	PASS
	64/5320	54	1.56	1.56	1.50	1.50	4.54	11.00	PASS
802.11be EHT20 242-Tones	52/5260	61	-1.97	-1.97	-1.30	-1.30	1.39	11.00	PASS
	60/5300	61	-1.22	-1.22	-1.20	-1.20	1.80	11.00	PASS
	64/5320	61	-1.78	-1.78	-1.57	-1.57	1.34	11.00	PASS
802.11be	54/5270	0	6.73	6.73	7.73	7.73	10.27	11.00	PASS

EHT40 26-Tones	62/5310	17	6.88	6.88	6.68	6.68	9.79	11.00	PASS
802.11be EHT40 484-Tones	54/5270	65	-4.24	-4.24	-4.33	-4.33	-1.27	11.00	PASS
	62/5310	65	-4.49	-4.49	-4.28	-4.28	-1.37	11.00	PASS
802.11be EHT80 26-Tones	58/5290	0	7.84	7.84	7.65	7.65	10.76	11.00	PASS
	58/5290	36	6.06	6.06	6.15	6.15	9.12	11.00	PASS
802.11be EHT80 996-Tones	58/5290	67	-6.95	-6.95	-7.06	-7.06	-3.99	11.00	PASS
802.11be EHT160 26-Tones	50/5250	0	6.53	6.53	7.71	7.71	10.17	11.00	PASS
	50/5250	H	5.98	5.98	6.66	6.66	9.34	11.00	PASS
802.11be EHT160 996*2-Tones	50/5250	68	-10.04	-10.04	-10.03	-10.03	-7.02	11.00	PASS

Note: 1. Power Spectral Density =Read Value + Duty cycle correction factor

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=$10\log(10^{(\text{PSD ANT5 in dBm/10})}+10^{(\text{PSD ANT7 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain=2.79+10log(2/1)=5.80<6 dBi.. So the PSD limit is 11dBm

U-NII-2C

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density					Limit (dBm /MHz)	Conclusion
			ANT1		ANT2		Total PSD (dBm/MHz)		
			Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11ax HE20 26-Tones	100/5500	0	7.45	7.45	7.91	7.91	10.70	11.00	PASS
	120/5600	4	6.13	6.13	6.69	6.69	9.43	11.00	PASS
	140/5700	8	7.44	7.44	7.33	7.33	10.40	11.00	PASS
	144/5720	0	7.09	7.09	7.84	7.84	10.49	11.00	PASS
802.11ax HE20 52-Tones	100/5500	37	4.74	4.74	5.20	5.20	7.99	11.00	PASS
	120/5600	39	5.15	5.15	5.22	5.22	8.20	11.00	PASS
	140/5700	40	5.47	5.47	5.73	5.73	8.61	11.00	PASS
	144/5720	37	4.49	4.49	5.19	5.19	7.86	11.00	PASS
802.11ax HE20 106-Tones	100/5500	53	2.41	2.41	2.23	2.23	5.33	11.00	PASS
	120/5600	53	1.03	1.03	1.74	1.74	4.41	11.00	PASS
	140/5700	54	1.19	1.19	1.41	1.41	4.31	11.00	PASS
	144/5720	53	1.53	1.53	2.00	2.00	4.78	11.00	PASS
802.11ax HE20 242-Tones	100/5500	61	-2.36	-2.36	-1.97	-1.97	0.85	11.00	PASS
	120/5600	61	-2.26	-2.26	-2.14	-2.14	0.81	11.00	PASS
	140/5700	61	-2.31	-2.31	-2.03	-2.03	0.84	11.00	PASS
	144/5720	61	-1.92	-1.92	-1.61	-1.61	1.25	11.00	PASS
802.11ax HE40 26-Tones	102/5510	0	7.30	7.30	7.73	7.73	10.53	11.00	PASS
	134/5670	17	8.07	8.07	7.74	7.74	10.92	11.00	PASS
	142/5710	0	7.20	7.20	8.26	8.26	10.77	11.00	PASS
802.11ax HE40 484-Tones	102/5510	65	-3.96	-3.96	-3.99	-3.99	-0.96	11.00	PASS
	118/5590	65	-4.60	-4.60	-4.15	-4.15	-1.36	11.00	PASS
	134/5670	65	-3.58	-3.58	-3.83	-3.83	-0.69	11.00	PASS
	142/5710	65	-4.26	-4.26	-4.01	-4.01	-1.12	11.00	PASS
802.11ax HE80 26-Tones	122/5610	0	7.59	7.59	8.35	8.35	11.00	11.00	PASS
	122/5610	36	6.98	6.98	7.91	7.91	10.48	11.00	PASS
	138/5690	0	6.78	6.78	7.61	7.61	10.23	11.00	PASS
802.11ax HE80 996-Tones	122/5610	67	-7.50	-7.50	-7.18	-7.18	-4.33	11.00	PASS
	138/5690	67	-7.10	-7.10	-6.74	-6.74	-3.91	11.00	PASS
802.11ax HE80 26-Tones	114/5570	0	7.40	7.40	6.81	6.81	10.13	11.00	PASS
	114/5570	H	6.34	6.34	7.02	7.02	9.70	11.00	PASS
802.11ax HE80 996*2-Tones	114/5570	68	-10.00	-10.00	-10.72	-10.72	-7.33	11.00	PASS
802.11be EHT20 26-Tones	100/5500	0	7.72	7.72	8.22	8.22	10.99	11.00	PASS
	120/5600	4	6.57	6.57	7.44	7.44	10.04	11.00	PASS
	140/5700	8	7.32	7.32	7.43	7.43	10.39	11.00	PASS
	144/5720	0	7.00	7.00	8.02	8.02	10.55	11.00	PASS
802.11be EHT20 52-Tones	100/5500	37	4.88	4.88	5.45	5.45	8.18	11.00	PASS
	120/5600	38	4.99	4.99	5.76	5.76	8.40	11.00	PASS
	140/5700	40	5.18	5.18	5.70	5.70	8.46	11.00	PASS

	144/5720	37	4.99	4.99	6.05	6.05	8.56	11.00	PASS
802.11be EHT20 106-Tones	100/5500	53	1.97	1.97	2.49	2.49	5.25	11.00	PASS
	120/5600	53	1.94	1.94	2.49	2.49	5.23	11.00	PASS
	140/5700	54	2.45	2.45	2.84	2.84	5.66	11.00	PASS
	144/5720	53	2.20	2.20	2.66	2.66	5.45	11.00	PASS
802.11be EHT20 242-Tones	100/5500	61	-0.96	-0.96	-1.15	-1.15	1.96	11.00	PASS
	120/5600	61	-1.34	-1.34	-1.10	-1.10	1.79	11.00	PASS
	140/5700	61	-1.28	-1.28	-0.93	-0.93	1.91	11.00	PASS
	144/5720	61	-1.10	-1.10	-0.70	-0.70	2.11	11.00	PASS
802.11be EHT40 26-Tones	102/5510	0	7.38	7.38	8.05	8.05	10.74	11.00	PASS
	134/5670	17	6.91	6.91	7.79	7.79	10.38	11.00	PASS
	142/5710	0	7.30	7.30	7.74	7.74	10.54	11.00	PASS
802.11be EHT40 484-Tones	102/5510	65	-4.19	-4.19	-4.36	-4.36	-1.26	11.00	PASS
	118/5590	65	-4.71	-4.71	-4.11	-4.11	-1.39	11.00	PASS
	134/5670	65	-3.91	-3.91	-4.09	-4.09	-0.99	11.00	PASS
	142/5710	65	-4.52	-4.52	-4.08	-4.08	-1.28	11.00	PASS
802.11be EHT80 26-Tones	122/5610	0	7.45	7.45	8.06	8.06	10.78	11.00	PASS
	122/5610	36	6.72	6.72	7.54	7.54	10.16	11.00	PASS
	138/5690	0	7.51	7.51	7.31	7.31	10.42	11.00	PASS
802.11be EHT80 996-Tones	122/5610	67	-7.37	-7.37	-7.37	-7.37	-4.36	11.00	PASS
	138/5690	67	-7.08	-7.08	-6.97	-6.97	-4.01	11.00	PASS
802.11be EHT160 26-Tones	114/5570	0	7.99	7.99	7.81	7.81	10.91	11.00	PASS
	114/5570	H	7.41	7.41	7.99	7.99	10.72	11.00	PASS
802.11be EHT160 996*2-Tones	114/5570	68	-11.58	-11.58	-11.19	-11.19	-8.37	11.00	PASS

Note: 1. Power Spectral Density =Read Value + Duty cycle correction factor

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=$10\log(10^{(\text{PSD ANT5 in dBm/10})}+10^{(\text{PSD ANT7 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain=2.55+10log(2/1)=5.56<6 dBi.. So the PSD limit is 11dBm.

U-NII-3

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density					Limit(dBm/ 500kHz)	Conclusion
			ANT1		ANT2		Total PSD(dBm/ 500kHz)		
			Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)			
802.11ax HE20 26-Tones	144/5720	8	11.73	12.00	12.54	12.81	15.43	30.00	PASS
	149/5745	0	11.95	12.22	12.69	12.96	15.62	30.00	PASS
	157/5785	4	11.70	11.97	12.47	12.74	15.38	30.00	PASS
	165/5825	8	12.66	12.93	12.68	12.95	15.95	30.00	PASS
802.11ax HE20 52-Tones	144/5720	40	9.11	9.38	9.97	10.24	12.84	30.00	PASS
	149/5745	37	8.99	9.26	10.07	10.34	12.84	30.00	PASS
	157/5785	39	9.27	9.54	9.87	10.14	12.86	30.00	PASS
	165/5825	40	9.55	9.82	10.24	10.51	13.19	30.00	PASS
802.11ax HE20 106-Tones	144/5720	54	5.80	6.07	6.56	6.83	9.48	30.00	PASS
	149/5745	53	6.05	6.32	6.83	7.10	9.74	30.00	PASS
	157/5785	53	6.55	6.82	6.71	6.98	9.91	30.00	PASS
	165/5825	54	6.45	6.72	6.62	6.89	9.82	30.00	PASS
802.11ax HE20 242-Tones	144/5720	61	2.13	2.40	2.97	3.24	5.85	30.00	PASS
	149/5745	61	2.58	2.85	3.24	3.51	6.20	30.00	PASS
	157/5785	61	2.98	3.25	3.27	3.54	6.41	30.00	PASS
	165/5825	61	2.70	2.97	3.31	3.58	6.30	30.00	PASS
802.11ax HE40 26-Tones	142/5710	17	11.61	11.88	11.88	12.15	15.03	30.00	PASS
	151/5755	0	10.98	11.25	12.38	12.65	15.02	30.00	PASS
	159/5795	17	11.86	12.13	12.12	12.39	15.27	30.00	PASS
802.11ax HE40 484-Tones	142/5710	65	-0.81	-0.54	-0.24	0.03	2.76	30.00	PASS
	151/5755	65	-0.52	-0.25	0.30	0.57	3.19	30.00	PASS
	159/5795	65	-0.41	-0.14	0.31	0.58	3.25	30.00	PASS
802.11ax HE80 26-Tones	138/5690	36	10.02	10.29	11.83	12.10	14.30	30.00	PASS
	155/5775	0	10.41	10.68	11.58	11.85	14.31	30.00	PASS
	155/5775	36	10.94	11.21	11.34	11.61	14.42	30.00	PASS
802.11ax HE80 996-Tones	138/5690	67	-4.40	-4.13	-4.22	-3.95	-1.03	30.00	PASS
	155/5775	67	-4.42	-4.15	-3.52	-3.25	-0.67	30.00	PASS
802.11be EHT20 26-Tones	144/5720	8	12.09	12.36	12.50	12.77	15.58	30.00	PASS
	149/5745	0	11.95	12.22	12.88	13.15	15.72	30.00	PASS
	157/5785	4	11.13	11.40	11.80	12.07	14.76	30.00	PASS
	165/5825	8	12.19	12.46	12.59	12.86	15.67	30.00	PASS
802.11be EHT20 52-Tones	144/5720	40	8.92	9.19	9.67	9.94	12.59	30.00	PASS
	149/5745	37	9.11	9.38	9.89	10.16	12.80	30.00	PASS
	157/5785	39	9.36	9.63	9.69	9.96	12.81	30.00	PASS

	165/5825	40	9.25	9.52	9.81	10.08	12.82	30.00	PASS
802.11be EHT20 106-Tones	144/5720	54	5.85	6.12	6.56	6.83	9.50	30.00	PASS
	149/5745	53	5.98	6.25	6.75	7.02	9.66	30.00	PASS
	157/5785	53	6.39	6.66	6.97	7.24	9.97	30.00	PASS
	165/5825	54	6.27	6.54	6.40	6.67	9.62	30.00	PASS
802.11be EHT20 242-Tones	144/5720	61	2.00	2.27	2.94	3.21	5.78	30.00	PASS
	149/5745	61	2.62	2.89	3.38	3.65	6.30	30.00	PASS
	157/5785	61	2.72	2.99	3.32	3.59	6.31	30.00	PASS
	165/5825	61	2.70	2.97	3.44	3.71	6.37	30.00	PASS
802.11be EHT40 26-Tones	142/5710	17	11.24	11.51	12.27	12.54	15.07	30.00	PASS
	151/5755	0	11.14	11.41	12.88	13.15	15.38	30.00	PASS
	159/5795	17	12.07	12.34	12.29	12.56	15.46	30.00	PASS
802.11be EHT40 484-Tones	142/5710	65	-0.78	-0.51	-0.34	-0.07	2.73	30.00	PASS
	151/5755	65	-0.20	0.07	0.45	0.72	3.42	30.00	PASS
	159/5795	65	-0.51	-0.24	0.53	0.80	3.32	30.00	PASS
802.11be EHT80 26-Tones	138/5690	36	10.08	10.35	10.96	11.23	13.82	30.00	PASS
	155/5775	0	10.03	10.30	11.51	11.78	14.11	30.00	PASS
	155/5775	36	10.93	11.20	11.60	11.87	14.56	30.00	PASS
802.11be EHT80 996-Tones	138/5690	67	-4.20	-3.93	-4.06	-3.79	-0.85	30.00	PASS
	155/5775	67	-4.12	-3.85	-3.41	-3.14	-0.47	30.00	PASS

Note:1. Power Spectral Density =Read Value + Duty cycle correction factor +10*log(500/470).

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=$10\log(10^{(\text{PSD ANT5 in dBm/10})}+10^{(\text{PSD ANT7 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain=2.55+10log(2/1)=5.56<6 dBi. So the PSD limit is 30dBm.

MRU Mode

U-NII-1

Mode	Channel/ Frequency (MHz)	Power Spectral Density					Limit (dBm/MHz)	Conclusion
		ANT1		ANT2		Total PSD (dBm/MHz)		
		Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11be EHT40 52+26-Tones(L)	38/5190	7.22	7.22	7.44	7.44	10.34	11	PASS
802.11be EHT40 52+26-Tones(H)	46/5230	7.36	7.36	7.66	7.66	10.52	11	PASS
802.11be EHT40 106+26-Tones(L)	38/5190	8.25	8.25	7.16	7.16	10.75	11	PASS
802.11be EHT40 106+26-Tones(H)	46/5230	7.44	7.44	6.96	6.96	10.22	11	PASS
802.11be EHT80 484+242-Tones(L)	42/5210	0.40	0.40	-0.16	-0.16	3.14	11	PASS
802.11be EHT80 484+242-Tones(H)	42/5210	-0.05	-0.05	-0.26	-0.26	2.86	11	PASS
802.11be EHT80 484+484punc242-Tones(H)	42/5210	0.23	0.23	-0.08	-0.08	3.09	11	PASS
802.11be EHT80 484punc242+484-Tones(L)	42/5210	0.28	0.28	-0.31	-0.31	3.01	11	PASS

Note: 1. Power Spectral Density =Read Value + Duty cycle correction factor

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=$10\log(10^{(\text{PSD ANT1 in dBm/10})}+10^{(\text{PSD ANT2 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain= 2.79+10log(2/1)=5.80<6 dBi. So the PSD limit is 11dBm.

U-NII-2A

Mode	Channel/ Frequency (MHz)	Power Spectral Density					Limit (dBm/MHz)	Conclusion
		ANT1		ANT2		Total PSD (dBm/MHz)		
		Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11be EHT40 52+26-Tones (L)	54/5270	7.38	7.38	6.97	6.97	10.19	11	PASS
802.11be EHT40 52+26-Tones(H)	62/5310	7.91	7.91	6.27	6.27	10.18	11	PASS
802.11be EHT40 106+26-Tones(L)	54/5270	7.19	7.19	7.00	7.00	10.11	11	PASS
802.11be EHT40 106+26-Tones(H)	62/5310	7.60	7.60	6.20	6.20	9.97	11	PASS
802.11be EHT80 484+242-Tones(L)	58/5290	0.71	0.71	-0.34	-0.34	3.23	11	PASS
802.11be EHT80 484+242-Tones(H)	58/5290	0.38	0.38	-0.76	-0.76	2.86	11	PASS
802.11be EHT80 484+484punc242-Tones(L)	58/5290	0.79	0.79	-0.36	-0.36	3.26	11	PASS
802.11be EHT80 484punc242+484-Tones(H)	58/5290	0.08	0.08	-0.38	-0.38	2.87	11	PASS
802.11be EHT160 996+996punc242-Tones(L)	50/5250	-4.49	-4.31	-5.47	-5.29	-1.76	11	PASS
802.11be EHT160 996+996punc242-Tones(H)	50/5250	-4.29	-4.11	-5.38	-5.20	-1.61	11	PASS
802.11be EHT160 996+484-Tones(L)	50/5250	-3.86	-3.86	-4.26	-4.26	-1.05	11	PASS
802.11be EHT160 996+484-Tones(H)	50/5250	-3.34	-3.34	-4.49	-4.49	-0.87	11	PASS
802.11be EHT160 996+996punc484-Tones(L)	50/5250	-4.80	-4.63	-4.38	-10.74	-3.68	11	PASS
802.11be EHT160 996punc484+996-Tones(H)	50/5250	-3.60	-3.43	-5.02	-4.85	-1.07	11	PASS

Note: 1. Power Spectral Density =Read Value + Duty cycle correction factor

2.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),

the power spectral density=$10\log(10^{(\text{PSD ANT1 in dBm/10})}+10^{(\text{PSD ANT2 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(ii): If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream: Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the Highest gain.

Directional gain = G_{ANTMAX}+ Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so directional gain=$G_{ANT\ MAX}$+ Array Gain= 2.79+10log(2/1)=5.80<6 dBi. So the PSD limit is 11dBm.