U-NII-3

Network Standards	Channel/ Frequency (MHz)	RU Index	MIMO Antenna 1		MIMO Antenna 2		MIMO Antenna3		MIMO Antenna4		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)	Average Power Measured (dBm)	Average Power with duty factor (dBm)	Average Power Measured (dBm)	Average Power with duty factor (dBm)			
802.11ax HE20 52-Tones	149/5745	37	18.11	18.49	18.55	18.93	17.98	18.36	18.44	18.82	24.68	24.98	PASS
	157/5785	38	17.32	17.60	17.92	18.20	17.23	17.51	17.48	17.76	23.80	24.98	PASS
	165/5825	40	18.65	18.92	18.38	18.65	18.14	18.41	18.23	18.50	24.64	24.98	PASS
802.11ax HE20 106-Tones	149/5745	53	18.13	18.48	18.53	18.88	17.77	18.12	18.32	18.67	24.56	24.98	PASS
	157/5785	53	18.06	18.41	18.77	19.12	18.04	18.39	18.34	18.69	24.68	24.98	PASS
	165/5825	54	18.43	18.71	18.45	18.73	18.17	18.45	18.18	18.46	24.61	24.98	PASS
802.11ax HE20 242-Tones	149/5745	61	18.51	18.88	18.65	19.02	18.23	18.60	18.61	18.98	24.89	24.98	PASS
	157/5785	61	17.87	18.24	17.83	18.20	17.72	18.09	17.36	17.73	24.09	24.98	PASS
	165/5825	61	18.15	18.52	18.12	18.49	17.58	17.95	17.49	17.86	24.24	24.98	PASS
802.11ax HE40 484-Tones	151/5755	65	17.50	18.26	17.83	18.59	17.33	18.09	17.54	18.30	24.33	24.98	PASS
	159/5795	65	17.86	18.62	17.83	18.59	17.66	18.42	17.33	18.09	24.46	24.98	PASS
802.11ax HE80 996-Tones	155/5775	67	16.78	18.71	17.06	18.99	16.48	18.41	16.41	18.34	24.64	24.98	PASS

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

The Total Power $=10\log(10^{(\text{Power antenna1 in dBm/10})}+10^{(\text{Power antenna2 in dBm/10})}+10^{(\text{Power antenna3 in dBm/10})}+10^{(\text{Power antenna4 in dBm/10})})$.

2. Direction gain calculation according to KDB662911 D01 Multiple Transmitter Output v02r01 F)2)e)(i): If all antennas have the same gain, Directional gain $= G_{ANT} + 10\log(N_{ANT}/Nss)=5+10\log(4/Nss) =11.02$ dBi ＞6dBi. So the limit is 24.98 dBm.

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
12	-30	5199.993410	5199.984697	5199.976849	5199.971270
12	-20	5199.997010	5199.975568	5199.973750	5199.964130
12	-10	5200.001289	5199.973366	5199.964131	5199.954632
12	0	5199.991300	5199.974989	5199.970595	5199.956192
12	10	5199.982700	5199.969021	5199.966081	5199.947398
12	20	5199.977827	5199.959184	5199.961451	5199.940508
12	30	5199.977082	5199.957050	5199.953223	5199.938489
12	40	5199.968700	5199.954457	5199.947425	5199.935757
12	50	5199.961647	5199.947193	5199.945582	5199.933927
11.4	20	5199.957332	5199.941115	5199.937651	5199.927198
12.6	20	5199.947931	5199.933737	5199.928859	5199.925325
Max. ΔMHz		-0.052069	-0.066263	-0.071141	-0.074675
PPM		-10.013269	-12.742885	-13.680962	-14.360577

Voltage (V)	Temperature (°C)	U-NII-2A Test Results			
		5300MHz			
		1min	2min	5min	10min
12	-30	5300.009208	5300.006604	5300.002208	5299.993089
12	-20	5300.005981	5299.999527	5299.997320	5299.988293
12	-10	5299.996868	5299.994324	5299.993338	5299.988068
12	0	5300.001341	5299.996442	5299.992577	5299.986328
12	10	5299.995275	5299.994719	5299.991008	5299.977659
12	20	5299.991582	5299.988752	5299.984014	5299.967971
12	30	5299.985282	5299.987755	5299.975478	5299.959563
12	40	5299.975563	5299.982145	5299.966040	5299.952821
12	50	5299.966534	5299.978823	5299.964976	5299.943543
11.4	20	5299.957628	5299.974630	5299.959332	5299.938079
12.6	20	5299.949791	5299.967773	5299.954510	5299.935007
Max. ΔMHz		-0.050209	-0.032227	-0.045490	-0.064993
PPM		-9.473310	-6.080646	-8.582942	-12.262846

Voltage (V)	Temperature (°C)	U-NII-2C Test Results			
		5580MHz			
		1min	2min	5min	10min
12	-30	5579.992243	5579.985153	5579.982424	5579.973464
12	-20	5579.982725	5579.984232	5579.978239	5579.972792
12	-10	5579.976529	5579.975039	5579.973340	5579.972759
12	0	5579.976191	5579.980323	5579.973894	5579.971390
12	10	5579.969243	5579.975467	5579.964713	5579.966699
12	20	5579.968288	5579.972260	5579.963891	5579.957431
12	30	5579.966659	5579.962689	5579.958778	5579.952873
12	40	5579.959882	5579.952844	5579.953444	5579.944228
12	50	5579.955038	5579.950433	5579.949303	5579.942483
11.4	20	5579.953693	5579.941701	5579.941370	5579.933887
12.6	20	5579.945203	5579.939411	5579.940581	5579.933621
Max. ΔMHz		-0.054797	-0.060589	-0.059419	-0.066379
PPM		-9.820251	-10.858244	-10.648566	-11.895878

Voltage (V)	Temperature (°C)	U-NII-3 Test Results			
		5785MHz			
		1min	2min	5min	10min
12	-30	5784.997890	5784.991065	5784.990175	5784.980534
12	-20	5784.994703	5784.981780	5784.988240	5784.973509
12	-10	5784.994562	5784.980731	5784.984985	5784.966967
12	0	5784.994589	5784.980915	5784.987299	5784.964630
12	10	5784.988539	5784.977303	5784.977852	5784.963684
12	20	5784.983496	5784.975122	5784.969647	5784.961009
12	30	5784.976611	5784.970370	5784.967425	5784.956567
12	40	5784.976271	5784.960828	5784.962630	5784.949224
12	50	5784.969517	5784.956648	5784.959120	5784.946795
11.4	20	5784.966333	5784.950958	5784.956953	5784.943910
12.6	20	5784.956648	5784.941314	5784.950907	5784.934936
Max. ΔMHz		-0.043352	-0.058686	-0.049093	-0.065064
PPM		-7.493863	-10.144512	-8.486258	-11.247018

5.4. Power Spectral Density

Ambient condition

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

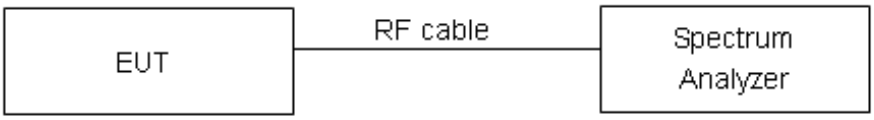
Method of Measurement

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 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.

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	17dBm/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:

MIMO

U-NII-1

Mode	Channel/ Frequency (MHz)	Power Spectral Density									Limit (dBm/ MHz)	Conclusion
		Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total PSD (dBm /MHz)		
		Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)			
802.11a	36/5180	7.97	8.30	8.59	8.92	8.05	8.38	8.09	8.42	14.53	17.00	PASS
	40/5200	10.60	10.93	10.80	11.13	10.55	10.88	10.34	10.67	16.93	17.00	PASS
	48/5240	10.76	11.09	10.77	11.10	9.63	9.96	10.01	10.34	16.67	17.00	PASS
802.11n HT20	36/5180	7.63	8.13	7.70	8.20	7.78	8.28	7.47	7.97	14.17	17.00	PASS
	40/5200	10.10	10.60	10.28	10.78	9.46	9.96	9.38	9.88	16.34	17.00	PASS
	48/5240	10.14	10.64	9.93	10.43	9.29	9.79	9.80	10.30	16.32	17.00	PASS
802.11n HT40	38/5190	4.14	4.44	4.53	4.83	4.46	4.76	4.10	4.40	10.63	17.00	PASS
	46/5230	10.37	10.67	10.46	10.76	9.20	9.50	9.68	9.98	16.28	17.00	PASS
802.11ac VHT20	36/5180	7.13	7.51	8.30	8.68	7.51	7.89	7.61	7.99	14.06	17.00	PASS
	40/5200	9.95	10.33	10.14	10.52	10.07	10.45	9.68	10.06	16.36	17.00	PASS
	48/5240	10.28	10.66	10.19	10.57	9.03	9.41	9.59	9.97	16.20	17.00	PASS
802.11ac VHT40	38/5190	4.17	4.50	4.38	4.71	4.04	4.37	3.80	4.13	10.45	17.00	PASS
	46/5230	10.37	10.70	10.18	10.51	9.57	9.90	9.53	9.86	16.28	17.00	PASS
802.11ac VHT80	42/5210	0.22	0.67	0.29	0.74	0.01	0.46	-0.62	-0.17	6.46	17.00	PASS
802.11ax HE20	36/5180	6.08	6.35	6.21	6.48	6.24	6.51	6.21	6.48	12.48	17.00	PASS
	40/5200	10.73	11.00	10.66	10.93	10.21	10.48	10.15	10.42	16.74	17.00	PASS
	48/5240	10.65	10.92	10.61	10.88	9.29	9.56	10.03	10.30	16.47	17.00	PASS
802.11ax HE40	38/5190	4.51	4.84	4.81	5.14	4.68	5.01	4.01	4.34	10.86	17.00	PASS
	46/5230	9.73	10.06	10.22	10.55	9.06	9.39	9.43	9.76	15.98	17.00	PASS
802.11ax HE80	42/5210	0.09	0.37	0.41	0.69	0.20	0.48	-0.18	0.11	6.44	17.00	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2) (ii): If all antennas have the same gain, directional gain = 5 dBi < 6dBi. So the PSD limit is 17dBm.

U-NII-2A

Mode	Channel/ Frequency (MHz)	Power Spectral Density									Limit (dBm/ MHz)	Conclusion
		Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total Power (dBm /MHz)		
		Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)			
802.11a	52/5260	4.22	4.55	3.83	4.16	3.43	3.76	3.66	3.99	10.15	11.00	PASS
	60/5300	4.26	4.59	3.94	4.27	2.83	3.16	3.40	3.73	9.99	11.00	PASS
	64/5320	4.11	4.44	4.06	4.39	2.99	3.32	3.13	3.46	9.95	11.00	PASS
802.11n HT20	52/5260	4.03	4.53	3.58	4.08	2.69	3.19	3.39	3.89	9.97	11.00	PASS
	60/5300	3.59	4.09	4.17	4.67	2.82	3.32	3.07	3.57	9.96	11.00	PASS
	64/5320	3.27	3.77	3.36	3.86	2.68	3.18	2.66	3.16	9.53	11.00	PASS
802.11n HT40	54/5270	3.64	3.94	4.00	4.30	2.77	3.07	3.45	3.75	9.81	11.00	PASS
	62/5310	2.05	2.35	1.96	2.26	0.95	1.25	1.20	1.50	7.89	11.00	PASS
802.11ac VHT20	52/5260	4.08	4.46	3.71	4.09	2.98	3.36	3.56	3.94	10.00	11.00	PASS
	60/5300	3.61	3.99	4.01	4.39	2.61	2.99	3.11	3.49	9.77	11.00	PASS
	64/5320	3.64	4.02	3.93	4.31	2.98	3.36	2.68	3.06	9.73	11.00	PASS
802.11ac VHT40	54/5270	3.48	3.81	3.88	4.21	3.04	3.37	3.19	3.52	9.76	11.00	PASS
	62/5310	2.06	2.39	2.29	2.62	1.06	1.39	1.00	1.33	7.99	11.00	PASS
802.11ac VHT80	58/5290	-1.37	-0.92	-1.46	-1.01	-2.42	-1.97	-1.86	-1.41	4.71	11.00	PASS
802.11ac VHT160	50/5250	-6.56	-6.01	-6.04	-5.49	-7.16	-6.61	-6.66	-6.11	-0.01	11.00	PASS
802.11ax HE20	52/5260	4.57	4.84	4.10	4.37	3.47	3.74	3.68	3.95	10.27	11.00	PASS
	60/5300	4.17	4.44	4.38	4.65	2.97	3.24	3.49	3.76	10.08	11.00	PASS
	64/5320	4.04	4.31	4.56	4.83	3.25	3.52	3.48	3.75	10.15	11.00	PASS
802.11ax HE40	54/5270	1.34	1.67	1.29	1.62	0.49	0.82	0.75	1.08	7.33	11.00	PASS
	62/5310	1.36	1.69	1.16	1.49	0.27	0.60	0.42	0.75	7.18	11.00	PASS
802.11ax HE80	58/5290	-1.02	-0.74	-0.06	0.22	-2.04	-1.76	-1.57	-1.29	5.19	11.00	PASS
802.11ax HE160	50/5250	-6.90	-6.60	-6.25	-5.95	-7.58	-7.28	-6.95	-6.65	-0.58	11.00	PASS

Note: 1.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),the power spectral density=$10\log(10^{(\text{PSD antenna1 in dBm/10})}+10^{(\text{PSD antenna2 in dBm/10})}+10^{(\text{PSD antenna3 in dBm/10})}) +10^{(\text{PSD antenna4 in dBm/10})})$

2. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2) (ii): If all antennas have the same gain, directional gain = 5 dBi < 6dBi. So the PSD limit is 11dBm.

U-NII-2C

Mode	Channel/ Frequency (MHz)	Power Spectral Density									Limit (dBm/ MHz)	Conclusion
		Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total Power (dBm /MHz)		
		Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)			
802.11a	100/5500	4.04	4.37	4.13	4.46	4.68	5.01	4.87	5.20	10.79	11.00	PASS
	116/5580	4.40	4.73	4.53	4.86	4.83	5.16	4.80	5.13	10.99	11.00	PASS
	140/5700	4.70	5.03	4.89	5.22	4.33	4.66	4.57	4.90	10.98	11.00	PASS
802.11n HT20	100/5500	3.29	3.79	3.54	4.04	4.03	4.53	4.46	4.96	10.37	11.00	PASS
	116/5580	4.09	4.59	3.89	4.39	3.99	4.49	4.05	4.55	10.53	11.00	PASS
	140/5700	3.38	3.88	3.26	3.76	3.24	3.74	3.09	3.59	9.76	11.00	PASS
802.11n HT40	102/5510	0.64	0.94	0.72	1.02	1.80	2.10	1.80	2.10	7.60	11.00	PASS
	110/5550	3.91	4.21	3.52	3.82	4.43	4.73	4.25	4.55	10.36	11.00	PASS
	134/5670	4.18	4.48	4.40	4.70	4.13	4.43	4.23	4.53	10.56	11.00	PASS
802.11ac VHT20	100/5500	3.08	3.46	3.41	3.79	4.05	4.43	4.17	4.55	10.10	11.00	PASS
	116/5580	4.00	4.38	3.81	4.19	3.90	4.28	4.17	4.55	10.37	11.00	PASS
	140/5700	4.07	4.45	4.34	4.72	4.14	4.52	4.09	4.47	10.56	11.00	PASS
802.11ac VHT40	102/5510	0.79	1.12	0.71	1.04	1.47	1.80	1.54	1.87	7.50	11.00	PASS
	110/5550	3.75	4.08	3.54	3.87	4.33	4.66	4.26	4.59	10.33	11.00	PASS
	134/5670	4.39	4.72	4.33	4.66	4.06	4.39	4.47	4.80	10.67	11.00	PASS
802.11ac VHT80	106/5530	-2.49	-2.04	-2.32	-1.87	-2.31	-1.86	-1.79	-1.34	4.25	11.00	PASS
802.11ac VHT160	114/5570	-7.31	-6.76	-7.57	-7.02	-6.86	-6.31	-6.74	-6.19	-0.53	11.00	PASS
802.11ax HE20	100/5500	3.78	4.05	3.67	3.94	4.60	4.87	4.69	4.96	10.50	11.00	PASS
	116/5580	4.36	4.63	4.31	4.58	4.40	4.67	4.50	4.77	10.68	11.00	PASS
	140/5700	2.50	2.77	2.57	2.84	2.16	2.43	2.51	2.78	8.73	11.00	PASS
802.11ax HE40	102/5510	-0.20	0.13	0.06	0.39	0.95	1.28	0.79	1.12	6.78	11.00	PASS
	110/5550	2.39	2.72	2.86	3.19	3.17	3.50	3.36	3.69	9.31	11.00	PASS
	134/5670	3.45	3.78	3.68	4.01	3.40	3.73	3.54	3.87	9.87	11.00	PASS
802.11ax HE80	106/5530	-3.99	-3.71	-4.12	-3.84	-2.49	-2.21	-3.03	-2.75	2.95	11.00	PASS
802.11ax HE160	114/5570	-8.8	-8.50	-8.78	-8.48	-8.45	-8.15	-8.31	-8.01	-2.26	11.00	PASS

Note: 1. For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),the power spectral density=$10\log(10^{(\text{PSD antenna1 in dBm/10})}+10^{(\text{PSD antenna2 in dBm/10})}+10^{(\text{PSD antenna3 in dBm/10})}) +10^{(\text{PSD antenna4 in dBm/10})})$

2. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2) (ii): If all antennas have the same gain, directional gain = 5 dBi < 6dBi. So the PSD limit is 11dBm.

U-NII-3

Mode	Channel/ Frequency (MHz)	Power Spectral Density									Limit (dBm/ 500kHz)	Conclusion
		Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total Power (dBm/ 500kHz)		
		Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)			
802.11a	149/5745	9.58	10.18	9.38	9.98	9.07	9.67	9.23	9.83	15.94	30.00	PASS
	157/5785	9.25	9.85	9.43	10.03	9.11	9.71	9.05	9.65	15.83	30.00	PASS
	165/5825	9.41	10.01	9.30	9.90	9.02	9.62	8.37	8.97	15.66	30.00	PASS
802.11n HT20	149/5745	8.94	9.71	9.08	9.85	8.76	9.53	8.82	9.59	15.69	30.00	PASS
	157/5785	8.75	9.52	9.02	9.79	8.47	9.24	8.52	9.29	15.49	30.00	PASS
	165/5825	9.11	9.88	9.02	9.79	8.42	9.19	8.33	9.10	15.52	30.00	PASS
802.11n HT40	151/5755	5.96	6.53	6.30	6.87	5.76	6.33	5.73	6.30	12.53	30.00	PASS
	159/5795	6.27	6.84	6.34	6.91	5.89	6.46	5.62	6.19	12.63	30.00	PASS
802.11ac VHT20	149/5745	8.79	9.44	9.06	9.71	8.25	8.90	8.56	9.21	15.34	30.00	PASS
	157/5785	8.67	9.32	9.53	10.18	8.70	9.35	8.41	9.06	15.52	30.00	PASS
	165/5825	8.98	9.63	8.90	9.55	8.35	9.00	8.32	8.97	15.32	30.00	PASS
802.11ac VHT40	151/5755	5.78	6.38	6.20	6.80	5.74	6.34	5.64	6.24	12.47	30.00	PASS
	159/5795	6.34	6.94	6.14	6.74	5.86	6.46	5.59	6.19	12.61	30.00	PASS
802.11ac VHT80	155/5775	2.19	2.91	2.89	3.61	1.94	2.66	2.17	2.89	9.05	30.00	PASS
802.11ax HE20	149/5745	9.51	10.05	9.55	10.09	9.19	9.73	9.08	9.62	15.90	30.00	PASS
	157/5785	9.47	10.01	9.88	10.42	9.26	9.80	8.74	9.28	15.92	30.00	PASS
	165/5825	9.81	10.35	9.36	9.90	8.86	9.40	8.94	9.48	15.82	30.00	PASS
802.11ax HE40	151/5755	6.06	6.66	6.36	6.96	6.32	6.92	5.94	6.54	12.79	30.00	PASS
	159/5795	5.91	6.51	6.46	7.06	6.28	6.88	5.59	6.19	12.69	30.00	PASS
802.11ax HE80	155/5775	2.79	3.34	3.57	4.12	2.87	3.42	2.48	3.03	9.52	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2) (ii): If all antennas have the same gain, directional gain = 5 dBi < 6dBi. So the PSD limit is 30dBm.

Beamforming

U-NII-1

Mode	Channel/ Frequency (MHz)	Power Spectral Density									Limit (dBm/ MHz)	Conclusion
		Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total PSD (dBm /MHz)		
		Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)			
802.11a	36/5180	5.14	5.47	5.05	5.38	5.57	5.90	5.12	5.45	11.58	11.98	PASS
	40/5200	5.26	5.59	5.54	5.87	5.38	5.71	5.16	5.49	11.69	11.98	PASS
	48/5240	5.20	5.53	5.64	5.97	4.71	5.04	5.09	5.42	11.52	11.98	PASS
802.11n HT20	36/5180	4.94	5.44	4.43	4.93	4.83	5.33	4.56	5.06	11.22	11.98	PASS
	40/5200	4.56	5.06	4.93	5.43	4.83	5.33	4.60	5.10	11.25	11.98	PASS
	48/5240	4.57	5.07	4.79	5.29	4.31	4.81	4.52	5.02	11.07	11.98	PASS
802.11n HT40	38/5190	4.14	4.44	4.53	4.83	4.46	4.76	4.10	4.40	10.63	11.98	PASS
	46/5230	3.79	4.09	4.36	4.66	3.66	3.96	3.56	3.86	10.17	11.98	PASS
802.11ac VHT20	36/5180	4.35	4.73	4.89	5.27	5.02	5.40	4.56	4.94	11.11	11.98	PASS
	40/5200	4.93	5.31	4.85	5.23	4.87	5.25	4.52	4.90	11.19	11.98	PASS
	48/5240	4.85	5.23	4.94	5.32	4.02	4.40	4.31	4.69	10.95	11.98	PASS
802.11ac VHT40	38/5190	4.17	4.50	4.38	4.71	4.04	4.37	3.80	4.13	10.45	11.98	PASS
	46/5230	3.95	4.28	4.45	4.78	3.75	4.08	3.74	4.07	10.33	11.98	PASS
802.11ac VHT80	42/5210	0.22	0.67	0.29	0.74	0.01	0.46	-0.62	-0.17	6.46	11.98	PASS
802.11ax HE20	36/5180	5.18	5.45	4.91	5.18	5.16	5.43	4.97	5.24	11.35	11.98	PASS
	40/5200	5.23	5.50	5.38	5.65	5.03	5.30	5.00	5.27	11.45	11.98	PASS
	48/5240	5.06	5.33	5.53	5.80	4.31	4.58	4.80	5.07	11.24	11.98	PASS
802.11ax HE40	38/5190	4.51	4.84	4.81	5.14	4.68	5.01	4.01	4.34	10.86	11.98	PASS
	46/5230	4.12	4.45	4.42	4.75	3.31	3.64	3.85	4.18	10.29	11.98	PASS
802.11ax HE80	42/5210	0.09	0.37	0.41	0.69	0.20	0.48	-0.18	0.11	6.44	11.98	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})})$

3. Direction gain calculation according to KDB662911 D01 Multiple Transmitter Output v02r01 F)2)e)(i): If all antennas have the same gain, Directional gain = G_{ANT} + 10 log(N_{ANT}/Nss)=5+10log(4/Nss)=11.02 dBi＞6dBi.

So the PSD limit is 17-(Directional gain-6 dBi) =17-(11.02-6)=11.98 dBm.

U-NII-2A

Mode	Channel/ Frequency (MHz)	Power Spectral Density									Limit (dBm/ MHz)	Conclusion
		Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total Power (dBm /MHz)		
		Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)			
802.11a	52/5260	-0.88	-0.55	-0.65	-0.32	-1.49	-1.16	-1.04	-0.71	5.35	5.98	PASS
	60/5300	-1.20	-0.87	-0.62	-0.29	-1.76	-1.43	-1.30	-0.97	5.15	5.98	PASS
	64/5320	-0.97	-0.64	-0.60	-0.27	-2.00	-1.67	-1.25	-0.92	5.18	5.98	PASS
802.11n HT20	52/5260	-1.22	-0.72	-1.05	-0.55	-2.13	-1.63	-1.65	-1.15	5.03	5.98	PASS
	60/5300	-1.67	-1.17	-0.88	-0.38	-2.45	-1.95	-1.99	-1.49	4.81	5.98	PASS
	64/5320	-1.52	-1.02	-1.13	-0.63	-2.67	-2.17	-2.28	-1.78	4.66	5.98	PASS
802.11n HT40	54/5270	-0.47	-0.17	-0.09	0.21	-0.65	-0.35	-0.35	-0.05	5.94	5.98	PASS
	62/5310	-0.17	0.13	0.22	0.52	-0.85	-0.55	-0.75	-0.45	5.96	5.98	PASS
802.11ac VHT20	52/5260	-1.15	-0.77	-1.21	-0.83	-1.95	-1.57	-1.43	-1.05	4.98	5.98	PASS
	60/5300	-1.81	-1.43	-1.01	-0.63	-2.07	-1.69	-2.25	-1.87	4.64	5.98	PASS
	64/5320	-1.52	-1.14	-0.93	-0.55	-2.58	-2.20	-2.20	-1.82	4.64	5.98	PASS
802.11ac VHT40	54/5270	-1.21	-0.88	-0.92	-0.59	-1.62	-1.29	-1.07	-0.74	5.15	5.98	PASS
	62/5310	-1.25	-0.92	-1.18	-0.85	-1.83	-1.50	-1.75	-1.42	4.86	5.98	PASS
802.11ac VHT80	58/5290	-4.66	-4.21	-4.30	-3.85	-5.43	-4.98	-4.96	-4.51	1.65	5.98	PASS
802.11ac VHT160	50/5250	-7.57	-7.02	-7.21	-6.66	-8.03	-7.48	-7.55	-7.00	-1.01	5.98	PASS
802.11ax HE20	52/5260	-0.71	-0.44	-0.70	-0.43	-1.86	-1.59	-0.88	-0.61	5.28	5.98	PASS
	60/5300	-1.73	-1.46	-0.59	-0.32	-1.86	-1.59	-1.48	-1.21	4.91	5.98	PASS
	64/5320	-1.19	-0.92	-0.86	-0.59	-2.51	-2.24	-1.49	-1.22	4.82	5.98	PASS
802.11ax HE40	54/5270	-1.38	-1.05	-0.88	-0.55	-1.77	-1.44	-1.35	-1.02	5.02	5.98	PASS
	62/5310	-1.35	-1.02	-0.90	-0.57	-2.10	-1.77	-2.11	-1.78	4.77	5.98	PASS
802.11ax HE80	58/5290	-4.05	-3.77	-3.67	-3.39	-4.97	-4.69	-4.54	-4.26	2.02	5.98	PASS
802.11ax HE160	50/5250	-6.90	-6.60	-6.25	-5.95	-7.58	-7.28	-6.95	-6.65	-0.58	5.98	PASS

Note: 1.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),the power spectral density=$10\log(10^{(\text{PSD antenna1 in dBm/10})}+10^{(\text{PSD antenna2 in dBm/10})}+10^{(\text{PSD antenna3 in dBm/10})}) +10^{(\text{PSD antenna4 in dBm/10})})$

2. Direction gain calculation according to KDB662911 D01 Multiple Transmitter Output v02r01 F)2)e)(i): If all antennas have the same gain, Directional gain = G_{ANT} + 10 log(N_{ANT}/Nss)=5+10log(4/Nss)=11.02 dBi＞6dBi.

So the PSD limit is 11-(Directional gain-6 dBi) =11-(11.02-6)=5.98 dBm.

U-NII-2C

Mode	Channel/ Frequency (MHz)	Power Spectral Density									Limit (dBm/ MHz)	Conclusion
		Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total Power (dBm /MHz)		
		Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)	Read Value (dBm/ MHz)	PSD (dBm/ MHz)			
802.11a	100/5500	-0.86	-0.53	-1.00	-0.67	-0.20	0.13	-0.03	0.30	5.85	5.98	PASS
	116/5580	-0.76	-0.43	-0.45	-0.12	-0.25	0.08	-0.35	-0.02	5.90	5.98	PASS
	140/5700	-0.36	-0.03	0.02	0.35	-0.69	-0.36	-0.55	-0.22	5.96	5.98	PASS
802.11n HT20	100/5500	-1.52	-1.02	-1.48	-0.98	-0.87	-0.37	-0.75	-0.25	5.38	5.98	PASS
	116/5580	-1.03	-0.53	-1.06	-0.56	-0.92	-0.42	-1.09	-0.59	5.50	5.98	PASS
	140/5700	-0.72	-0.22	-1.13	-0.63	-1.17	-0.67	-1.34	-0.84	5.44	5.98	PASS
802.11n HT40	102/5510	-0.91	-0.61	-1.17	-0.87	-0.77	-0.47	-0.43	-0.13	5.51	5.98	PASS
	110/5550	-1.45	-1.15	-1.42	-1.12	-0.89	-0.59	-0.49	-0.19	5.28	5.98	PASS
	134/5670	-2.17	-1.87	-1.68	-1.38	-2.00	-1.70	-1.79	-1.49	4.41	5.98	PASS
802.11ac VHT20	100/5500	-1.62	-1.24	-1.58	-1.20	-0.79	-0.41	-0.75	-0.37	5.23	5.98	PASS
	116/5580	-1.27	-0.89	-1.09	-0.71	-0.66	-0.28	-1.05	-0.67	5.39	5.98	PASS
	140/5700	-1.16	-0.78	-0.31	0.07	-1.14	-0.76	-1.84	-1.46	5.32	5.98	PASS
802.11ac VHT40	102/5510	-1.31	-0.98	-1.19	-0.86	-0.65	-0.32	-0.62	-0.29	5.42	5.98	PASS
	110/5550	-1.43	-1.10	-1.23	-0.90	-0.42	-0.09	-0.70	-0.37	5.43	5.98	PASS
	134/5670	-1.73	-1.40	-1.67	-1.34	-1.91	-1.58	-1.69	-1.36	4.60	5.98	PASS
802.11ac VHT80	106/5530	-5.73	-5.28	-5.46	-5.01	-4.78	-4.33	-5.11	-4.66	1.21	5.98	PASS
802.11ac VHT160	114/5570	-8.25	-7.70	-8.52	-7.97	-8.18	-7.63	-7.45	-6.90	-1.51	5.98	PASS
802.11ax HE20	100/5500	-1.13	-0.86	-0.98	-0.71	-0.47	-0.20	-0.14	0.13	5.63	5.98	PASS
	116/5580	-0.73	-0.46	-0.60	-0.33	-0.66	-0.39	-0.50	-0.23	5.67	5.98	PASS
	140/5700	-0.47	-0.20	-0.22	0.05	-1.00	-0.73	-0.56	-0.29	5.74	5.98	PASS
802.11ax HE40	102/5510	-2.00	-1.67	-1.85	-1.52	-1.19	-0.86	-1.36	-1.03	4.76	5.98	PASS
	110/5550	-2.21	-1.88	-2.20	-1.87	-1.49	-1.16	-1.39	-1.06	4.55	5.98	PASS
	134/5670	-1.45	-1.12	-1.51	-1.18	-1.54	-1.21	-1.59	-1.26	4.83	5.98	PASS
802.11ax HE80	106/5530	-5.01	-4.73	-5.01	-4.73	-4.50	-4.22	-4.31	-4.03	1.61	5.98	PASS
802.11ax HE160	114/5570	-8.8	-8.50	-8.78	-8.48	-8.45	-8.15	-8.31	-8.01	-2.26	5.98	PASS

Note: 1.For Total PSD, according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),the power spectral density=$10\log(10^{(\text{PSD antenna1 in dBm/10})}+10^{(\text{PSD antenna2 in dBm/10})}+10^{(\text{PSD antenna3 in dBm/10})})+10^{(\text{PSD antenna4 in dBm/10})})$

2. Direction gain calculation according to KDB662911 D01 Multiple Transmitter Output v02r01 F)2)e)(i): If all antennas have the same gain, Directional gain = G_{ANT} + 10 log(N_{ANT}/Nss)=5+10log(4/Nss)=11.02 dBi＞6dBi.

So the PSD limit is 11-(Directional gain-6 dBi) =11-(11.02-6)=5.98 dBm.

U-NII-3

Mode	Channel/ Frequency (MHz)	Power Spectral Density									Limit (dBm/ 500kHz)	Conclusion
		Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total Power (dBm/ 500kHz)		
		Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)			
802.11a	149/5745	4.26	4.86	4.61	5.21	3.97	4.57	4.14	4.74	10.87	24.98	PASS
	157/5785	4.20	4.80	4.43	5.03	4.17	4.77	4.13	4.73	10.85	24.98	PASS
	165/5825	4.48	5.08	4.35	4.95	4.14	4.74	3.49	4.09	10.75	24.98	PASS
802.11n HT20	149/5745	3.69	4.46	3.89	4.66	3.34	4.11	3.63	4.40	10.43	24.98	PASS
	157/5785	3.73	4.50	3.73	4.50	3.64	4.41	3.58	4.35	10.46	24.98	PASS
	165/5825	3.75	4.52	3.75	4.52	3.13	3.90	3.03	3.80	10.22	24.98	PASS
802.11n HT40	151/5755	0.76	1.33	1.03	1.60	0.57	1.14	1.00	1.57	7.43	24.98	PASS
	159/5795	1.14	1.71	0.67	1.24	1.00	1.57	0.59	1.16	7.45	24.98	PASS
802.11ac VHT20	149/5745	3.82	4.47	3.96	4.61	3.25	3.90	3.48	4.13	10.31	24.98	PASS
	157/5785	3.71	4.36	4.19	4.84	3.55	4.20	3.23	3.88	10.35	24.98	PASS
	165/5825	3.79	4.44	3.71	4.36	3.16	3.81	3.33	3.98	10.17	24.98	PASS
802.11ac VHT40	151/5755	0.85	1.45	1.08	1.68	0.65	1.25	0.60	1.20	7.42	24.98	PASS
	159/5795	0.99	1.59	0.57	1.17	0.72	1.32	0.69	1.29	7.37	24.98	PASS
802.11ac VHT80	155/5775	-2.59	-1.87	-2.42	-1.70	-3.17	-2.45	-3.20	-2.48	3.91	24.98	PASS
802.11ax HE20	149/5745	4.36	4.90	4.39	4.93	3.84	4.38	4.47	5.01	10.83	24.98	PASS
	157/5785	4.45	4.99	4.89	5.43	4.11	4.65	4.06	4.60	10.95	24.98	PASS
	165/5825	4.28	4.82	4.57	5.11	3.63	4.17	3.79	4.33	10.65	24.98	PASS
802.11ax HE40	151/5755	1.23	1.83	1.33	1.93	0.79	1.39	1.01	1.61	7.72	24.98	PASS
	159/5795	1.48	2.08	1.04	1.64	0.79	1.39	0.74	1.34	7.64	24.98	PASS
802.11ax HE80	155/5775	-1.79	-1.24	-2.11	-1.56	-2.17	-1.62	-2.29	-1.74	4.49	24.98	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)(i): If all antennas have the same gain, Directional gain = G_{ANT} + Array Gain, For PSD measurements on all devices, Array Gain=10log(Nant/Nss)dB,

so Directional gain=G_{ANT}+Array Gain=5+10log(4/1)=11.02>6 dBi.

So the PSD limit is 30-(Directional gain-6 dBi) =30-(11.02-6) =24.98 dBm.

RU Mode

MIMO

U-NII-1

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density									Limit (dBm/MHz)	Conclusion
			Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total PSD (dBm/MHz)		
			Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11ax HE20 52-Tones	36/5180	37	10.08	10.46	9.96	10.34	9.41	9.79	9.78	10.16	16.22	17.00	PASS
	40/5200	38	10.10	10.38	10.60	10.88	10.09	10.37	9.96	10.24	16.50	17.00	PASS
	48/5240	40	9.98	10.25	10.91	11.18	9.75	10.02	9.78	10.05	16.42	17.00	PASS
802.11ax HE20 106-Tones	36/5180	53	10.13	10.48	10.70	11.05	10.27	10.62	10.55	10.90	16.79	17.00	PASS
	40/5200	53	10.46	10.81	10.63	10.98	10.20	10.55	9.99	10.34	16.70	17.00	PASS
	48/5240	54	10.31	10.59	10.98	11.26	10.02	10.30	10.08	10.36	16.66	17.00	PASS
802.11ax HE20 242-Tones	36/5180	61	4.89	5.26	5.74	6.11	5.07	5.44	4.67	5.04	11.50	17.00	PASS
	40/5200	61	5.20	5.57	5.18	5.55	4.86	5.23	4.87	5.24	11.42	17.00	PASS
	48/5240	61	5.39	5.76	5.09	5.46	4.25	4.62	4.28	4.65	11.17	17.00	PASS
802.11ax HE40 484-Tones	38/5190	65	0.62	1.38	1.07	1.83	1.09	1.85	0.39	1.15	7.58	17.00	PASS
	46/5230	65	0.54	1.30	0.98	1.74	0.08	0.84	0.41	1.17	7.30	17.00	PASS
802.11ax HE80 996-Tones	42/5210	67	-3.02	-1.09	-2.83	-0.90	-3.67	-1.74	-3.98	-2.05	4.60	17.00	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2) (ii): If all antennas have the same gain, directional gain = 5 dBi < 6dBi. So the PSD limit is 17dBm.

U-NII-2A

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density									Limit (dBm/MHz)	Conclusion
			Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total PSD (dBm/MHz)		
			Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11ax HE20 52-Tones	52/5260	37	4.26	4.64	4.49	4.87	3.42	3.80	3.24	3.62	10.29	11.00	PASS
	60/5300	38	3.67	3.95	4.45	4.73	2.71	2.99	3.14	3.42	9.84	11.00	PASS
	64/5320	40	4.87	5.14	5.53	5.80	3.73	4.00	3.90	4.17	10.86	11.00	PASS
802.11ax HE20 106-Tones	52/5260	53	4.65	5.00	4.57	4.92	3.38	3.73	3.31	3.66	10.39	11.00	PASS
	60/5300	53	4.08	4.43	4.58	4.93	3.29	3.64	3.20	3.55	10.19	11.00	PASS
	64/5320	54	4.23	4.51	4.32	4.60	3.12	3.40	2.70	2.98	9.95	11.00	PASS
802.11ax HE20 242-Tones	52/5260	61	4.53	4.90	4.57	4.94	3.65	4.02	3.59	3.96	10.50	11.00	PASS
	60/5300	61	3.92	4.29	4.37	4.74	2.79	3.16	3.06	3.43	9.97	11.00	PASS
	64/5320	61	3.83	4.20	3.73	4.10	2.44	2.81	2.75	3.12	9.62	11.00	PASS
802.11ax HE40 484-Tones	54/5270	65	3.73	4.49	3.83	4.59	2.95	3.71	3.16	3.92	10.21	11.00	PASS
	62/5310	65	3.21	3.97	3.75	4.51	2.57	3.33	2.49	3.25	9.82	11.00	PASS
802.11ax HE80 996-Tones	58/5290	67	-1.58	0.35	-1.12	0.81	-2.96	-1.03	-2.50	-0.57	5.97	11.00	PASS
802.11ax HE160 996*2-Tones	50/5250	68	-7.88	-4.19	-8.19	-4.50	-8.47	-4.78	-8.59	-4.90	1.44	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})})$

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2) (ii): If all antennas have the same gain, directional gain = 5 dBi < 6dBi. So the PSD limit is 11dBm.

U-NII-2C

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density									Limit (dBm/MHz)	Conclusion
			Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total PSD (dBm/MHz)		
			Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11ax HE20 52-Tones	100/5500	37	4.33	4.71	4.08	4.46	4.85	5.13	4.71	4.99	10.85	11.00	PASS
	116/5580	38	3.70	3.98	3.86	4.14	4.32	4.60	4.28	4.56	10.35	11.00	PASS
	140/5700	40	4.47	4.74	4.83	5.10	4.17	4.44	4.37	4.64	10.75	11.00	PASS
802.11ax HE20 106-Tones	100/5500	53	3.33	3.68	3.33	3.68	3.87	4.22	4.39	4.74	10.12	11.00	PASS
	116/5580	53	3.48	3.83	3.46	3.81	4.06	4.41	3.71	4.06	10.05	11.00	PASS
	140/5700	54	3.70	3.98	4.14	4.42	3.35	3.63	3.69	3.97	10.03	11.00	PASS
802.11ax HE20 242-Tones	100/5500	61	4.11	4.48	3.96	4.33	4.69	5.06	5.16	5.53	10.90	11.00	PASS
	116/5580	61	4.46	4.83	4.18	4.55	4.62	4.99	4.77	5.14	10.90	11.00	PASS
	140/5700	61	4.07	4.44	4.46	4.83	4.05	4.42	4.48	4.85	10.66	11.00	PASS
802.11ax HE40 484-Tones	102/5510	65	1.57	2.33	1.95	2.71	2.77	3.53	2.71	3.47	9.06	11.00	PASS
	110/5550	65	1.68	2.44	1.69	2.45	2.62	3.38	2.72	3.48	8.99	11.00	PASS
	134/5670	65	1.28	2.04	2.01	2.77	1.70	2.46	2.04	2.80	8.55	11.00	PASS
802.11ax HE80 996-Tones	106/5530	67	-3.34	-1.41	-3.26	-1.33	-3.20	-1.27	-2.32	-0.39	4.94	11.00	PASS
802.11ax HE160 996*2-Tones	114/5570	68	-8.65	-4.96	-8.7	-5.01	-7.93	-4.24	-7.68	-3.99	1.49	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})}$)

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2) (ii): If all antennas have the same gain, directional gain = 5 dBi < 6dBi. So the PSD limit is 11dBm.

U-NII-3

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density									Limit (dBm/ 500kHz)	Conclusion
			Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total Power (dBm/ 500kHz		
			Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)			
802.11ax HE20 52-Tones	149/5745	37	11.85	12.50	12.09	12.74	11.59	12.24	11.98	12.63	18.55	30.00	PASS
	157/5785	38	11.88	12.43	12.39	12.94	12.24	12.79	12.47	13.02	18.82	30.00	PASS
	165/5825	40	13.31	13.85	13.16	13.70	12.96	13.50	13.14	13.68	19.70	30.00	PASS
802.11ax HE20 106-Tones	149/5745	53	9.46	10.08	8.89	9.51	8.16	8.78	8.89	9.51	15.51	30.00	PASS
	157/5785	53	10.31	10.93	10.49	11.11	10.24	10.86	10.19	10.81	16.95	30.00	PASS
	165/5825	54	10.76	11.31	10.36	10.91	9.94	10.49	10.16	10.71	16.89	30.00	PASS
802.11ax HE20 242-Tones	149/5745	61	9.08	9.72	9.24	9.88	9.04	9.68	9.07	9.71	15.77	30.00	PASS
	157/5785	61	9.58	10.22	9.61	10.25	9.14	9.78	9.19	9.83	16.05	30.00	PASS
	165/5825	61	9.84	10.48	9.75	10.39	9.04	9.68	9.20	9.84	16.13	30.00	PASS
802.11ax HE40 484-Tones	151/5755	65	5.67	6.70	5.91	6.94	5.67	6.70	5.39	6.42	12.71	30.00	PASS
	159/5795	65	6.32	7.35	5.84	6.87	5.55	6.58	5.67	6.70	12.91	30.00	PASS
802.11ax HE80 996-Tones	155/5775	67	-1.46	0.74	-0.80	1.40	-1.14	1.06	-1.46	0.74	7.01	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})}$)

3. According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2) (ii): If all antennas have the same gain, directional gain = 5 dBi < 6dBi. So the PSD limit is 30dBm.

Beamforming

U-NII-1

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density									Limit (dBm/MHz)	Conclusion
			Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total PSD (dBm/MHz)		
			Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11ax HE20 52-Tones	36/5180	37	5.16	5.54	5.75	6.13	5.10	5.48	5.08	5.46	11.68	11.98	PASS
	40/5200	38	4.95	5.23	6.02	6.30	5.28	5.56	5.07	5.35	11.65	11.98	PASS
	48/5240	40	5.31	5.58	6.13	6.40	5.06	5.33	5.09	5.36	11.71	11.98	PASS
802.11ax HE20 106-Tones	36/5180	53	5.38	5.73	5.40	5.75	5.24	5.59	5.13	5.48	11.66	11.98	PASS
	40/5200	53	5.44	5.79	5.64	5.99	4.94	5.29	4.52	4.87	11.53	11.98	PASS
	48/5240	54	5.33	5.61	5.82	6.10	4.47	4.75	4.71	4.99	11.42	11.98	PASS
802.11ax HE20 242-Tones	36/5180	61	4.89	5.26	5.74	6.11	5.07	5.44	4.67	5.04	11.50	11.98	PASS
	40/5200	61	5.20	5.57	5.18	5.55	4.86	5.23	4.87	5.24	11.42	11.98	PASS
	48/5240	61	5.39	5.76	5.09	5.46	4.25	4.62	4.28	4.65	11.17	11.98	PASS
802.11ax HE40 484-Tones	38/5190	65	0.62	1.38	1.07	1.83	1.09	1.85	0.39	1.15	7.58	11.98	PASS
	46/5230	65	0.54	1.30	0.98	1.74	0.08	0.84	0.41	1.17	7.30	11.98	PASS
802.11ax HE80 996-Tones	42/5210	67	-3.02	-1.09	-2.83	-0.90	-3.67	-1.74	-3.98	-2.05	4.60	11.98	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})})$

3. Direction gain calculation according to KDB662911 D01 Multiple Transmitter Output v02r01 F)2)e)(i): If all antennas have the same gain, Directional gain = G_{ANT} + 10 $\log(N_{ANT}/Nss)=5+10\log(4/Nss)=11.02$ dBi＞6dBi.

So the PSD limit is 17-(Directional gain-6 dBi) =17-(11.02-6)=11.98 dBm.

U-NII-2A

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density									Limit (dBm/MHz)	Conclusion
			Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total PSD (dBm/MHz)		
			Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11ax HE20 52-Tones	52/5260	37	-0.64	-0.26	-0.96	-0.58	-1.44	-1.06	-1.69	-1.31	5.24	5.98	PASS
	60/5300	38	-1.23	-0.95	-0.54	-0.26	-1.98	-1.70	-1.82	-1.54	4.95	5.98	PASS
	64/5320	40	-0.24	0.03	0.44	0.71	-2.00	-1.73	-1.71	-1.44	5.53	5.98	PASS
802.11ax HE20 106-Tones	52/5260	53	-0.41	-0.06	0.12	0.47	-1.29	-0.94	-1.26	-0.91	5.70	5.98	PASS
	60/5300	53	-1.10	-0.75	-0.18	0.17	-1.87	-1.52	-1.58	-1.23	5.24	5.98	PASS
	64/5320	54	-1.36	-1.08	-0.18	0.10	-2.62	-2.34	-2.12	-1.84	4.83	5.98	PASS
802.11ax HE20 242-Tones	52/5260	61	-0.82	-0.45	-0.20	0.17	-1.07	-0.70	-1.29	-0.92	5.57	5.98	PASS
	60/5300	61	-1.10	-0.73	-0.30	0.07	-1.78	-1.41	-1.60	-1.23	5.23	5.98	PASS
	64/5320	61	-0.97	-0.60	-0.30	0.07	-1.88	-1.51	-1.78	-1.41	5.21	5.98	PASS
802.11ax HE40 484-Tones	54/5270	65	-2.71	-1.95	-2.45	-1.69	-3.12	-2.36	-3.06	-2.30	3.95	5.98	PASS
	62/5310	65	-3.53	-2.77	-2.24	-1.48	-3.75	-2.99	-3.70	-2.94	3.52	5.98	PASS
802.11ax HE80 996-Tones	58/5290	67	-6.38	-4.45	-5.20	-3.27	-6.90	-4.97	-6.61	-4.68	1.73	5.98	PASS
802.11ax HE160 996*2-Tones	50/5250	68	-10.50	-6.81	-10.39	-6.70	-11.39	-7.70	-11.67	-7.98	-1.24	5.98	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})})$

3. Direction gain calculation according to KDB662911 D01 Multiple Transmitter Output v02r01 F)2)e)(i): If all antennas have the same gain, Directional gain = G_{ANT} + 10 $\log(N_{ANT}/Nss)=5+10\log(4/Nss)=11.02$ dBi＞6dBi.

So the PSD limit is 17-(Directional gain-6 dBi) =17-(11.02-6)=5.98 dBm

U-NII-2C

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density									Limit (dBm/MHz)	Conclusion
			Antenna 1		Antenna 2		Antenna 3		Antenna 4		Total PSD (dBm/MHz)		
			Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)	Read Value (dBm/MHz)	PSD (dBm/MHz)			
802.11ax HE20 52-Tones	100/5500	37	-1.07	-0.69	-1.32	-0.94	-1.12	-0.84	-0.67	-0.39	5.31	5.98	PASS
	116/5580	38	-0.93	-0.65	-1.45	-1.17	-1.25	-0.97	-0.95	-0.67	5.16	5.98	PASS
	140/5700	40	-0.94	-0.67	-0.38	-0.11	-0.94	-0.67	-0.77	-0.50	5.54	5.98	PASS
802.11ax HE20 106-Tones	100/5500	53	-1.35	-1.00	-1.31	-0.96	-0.60	-0.25	-0.80	-0.45	5.37	5.98	PASS
	116/5580	53	-1.11	-0.76	-1.08	-0.73	-1.21	-0.86	-0.73	-0.38	5.34	5.98	PASS
	140/5700	54	-1.05	-0.77	-1.34	-1.06	-1.94	-1.66	-1.21	-0.93	4.93	5.98	PASS
802.11ax HE20 242-Tones	100/5500	61	-1.16	-0.79	-0.98	-0.61	-0.80	-0.43	-0.46	-0.09	5.55	5.98	PASS
	116/5580	61	-1.21	-0.84	-1.29	-0.92	-0.94	-0.57	-1.06	-0.69	5.27	5.98	PASS
	140/5700	61	-1.26	-0.89	-1.02	-0.65	-1.89	-1.52	-1.43	-1.06	5.00	5.98	PASS
802.11ax HE40 484-Tones	102/5510	65	-3.58	-2.82	-3.16	-2.40	-2.63	-1.87	-2.83	-2.07	3.75	5.98	PASS
	110/5550	65	-3.77	-3.01	-3.09	-2.33	-2.84	-2.08	-2.76	-2.00	3.68	5.98	PASS
	134/5670	65	-3.70	-2.94	-2.96	-2.20	-3.43	-2.67	2.04	2.80	5.51	5.98	PASS
802.11ax HE80 996-Tones	106/5530	67	-6.29	-4.36	-6.21	-4.28	-5.87	-3.94	-5.43	-3.50	2.01	5.98	PASS
802.11ax HE160 996*2-Tones	114/5570	68	-9.8	-6.11	-9.58	-5.89	-9.42	-5.73	-9.05	-5.36	0.26	5.98	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})}$)

3. Direction gain calculation according to KDB662911 D01 Multiple Transmitter Output v02r01 F)2)e)(i): If all antennas have the same gain, Directional gain = G_{ANT} + 10 log(N_{ANT}/Nss)=5+10log(4/Nss)=11.02 dBi＞6dBi.

So the PSD limit is 17-(Directional gain-6 dBi) =17-(11.02-6)=5.98 dBm

U-NII-3

Mode	Channel/ Frequency (MHz)	RU Index	Power Spectral Density								Total Power (dBm/ 500kHz)	Limit (dBm/ 500kHz)	Conclusion
			Antenna 1		Antenna 2		Antenna 3		Antenna 4				
			Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)	Read Value (dBm/ 470kHz)	PSD (dBm/ 500kHz)			
802.11ax HE20 52-Tones	149/5745	37	10.28	10.93	10.51	11.16	10.07	10.72	10.82	11.47	17.10	24.98	PASS
	157/5785	38	9.36	9.91	9.89	10.44	8.98	9.53	9.51	10.06	16.02	24.98	PASS
	165/5825	40	10.45	10.99	10.60	11.14	10.06	10.60	10.33	10.87	16.93	24.98	PASS
802.11ax HE20 106-Tones	149/5745	53	7.65	8.27	7.60	8.22	7.11	7.73	7.71	8.33	14.16	24.98	PASS
	157/5785	53	7.45	8.07	8.05	8.67	7.02	7.64	7.26	7.88	14.10	24.98	PASS
	165/5825	54	7.75	8.30	7.54	8.09	7.01	7.56	7.03	7.58	13.92	24.98	PASS
802.11ax HE20 242-Tones	149/5745	61	4.85	5.49	5.06	5.70	4.48	5.12	4.66	5.30	11.43	24.98	PASS
	157/5785	61	3.69	4.33	3.99	4.63	3.60	4.24	3.65	4.29	10.40	24.98	PASS
	165/5825	61	4.75	5.39	4.14	4.78	3.90	4.54	3.49	4.13	10.75	24.98	PASS
802.11ax HE40 484-Tones	151/5755	65	0.81	1.84	1.26	2.29	0.18	1.21	0.76	1.79	7.82	24.98	PASS
	159/5795	65	1.21	2.24	0.87	1.90	0.79	1.82	0.69	1.72	7.95	24.98	PASS
802.11ax HE80 996-Tones	155/5775	67	-3.27	-1.07	-3.29	-1.09	-3.37	-1.17	-3.60	-1.40	4.84	24.98	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=$10\log(10^{(\text{PSD antenna 1 in dBm/10})}+10^{(\text{PSD antenna 2 in dBm/10})}+10^{(\text{PSD antenna 3 in dBm/10})}) +10^{(\text{PSD antenna 4 in dBm/10})})$

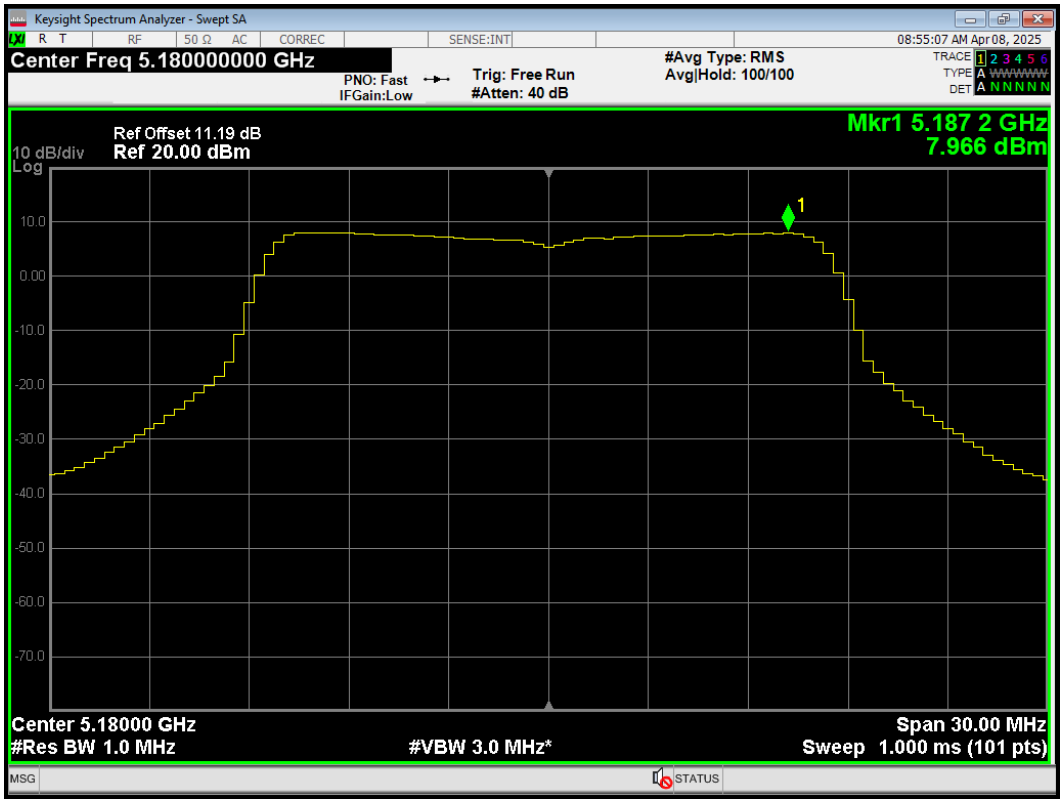
3. Direction gain calculation according to KDB662911 D01 Multiple Transmitter Output v02r01 F)2)e)(i): If all antennas have the same gain, Directional gain = G_{ANT} + 10 $\log(N_{ANT}/Nss)=5+10\log(4/Nss)=11.02$ dBi＞6dBi.

So the PSD limit is 17-(Directional gain-6 dBi) =17-(11.02-6)=24.98 dBm

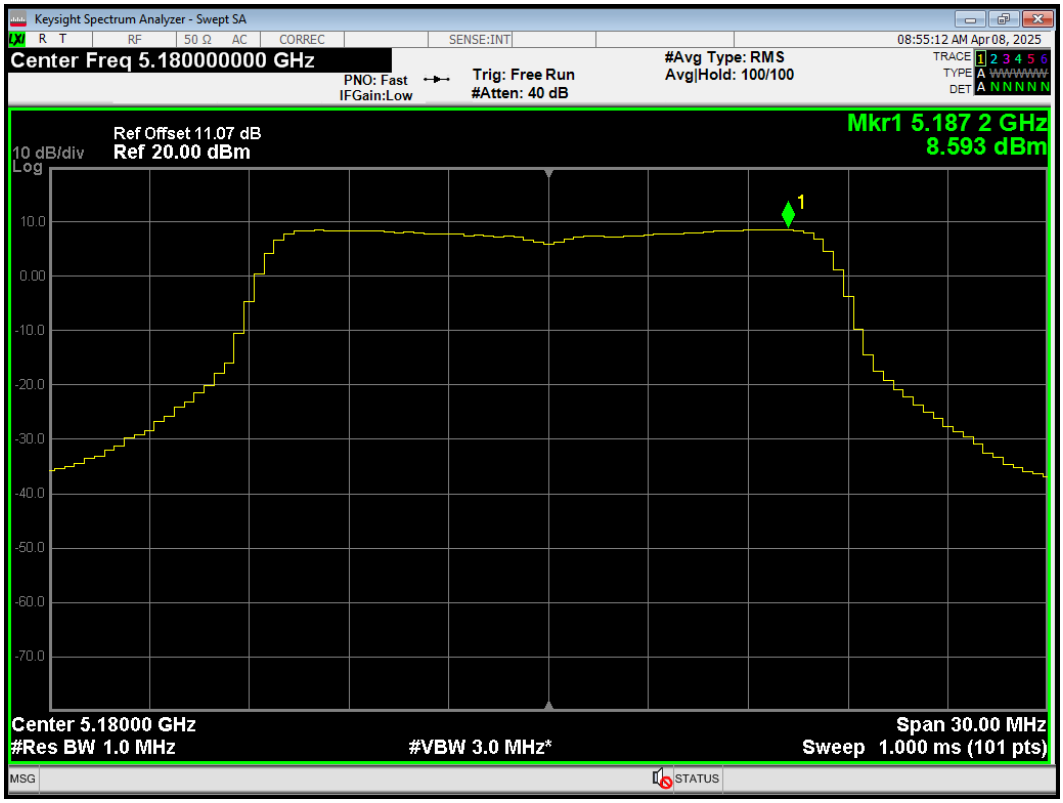
MIMO

U-NII-1

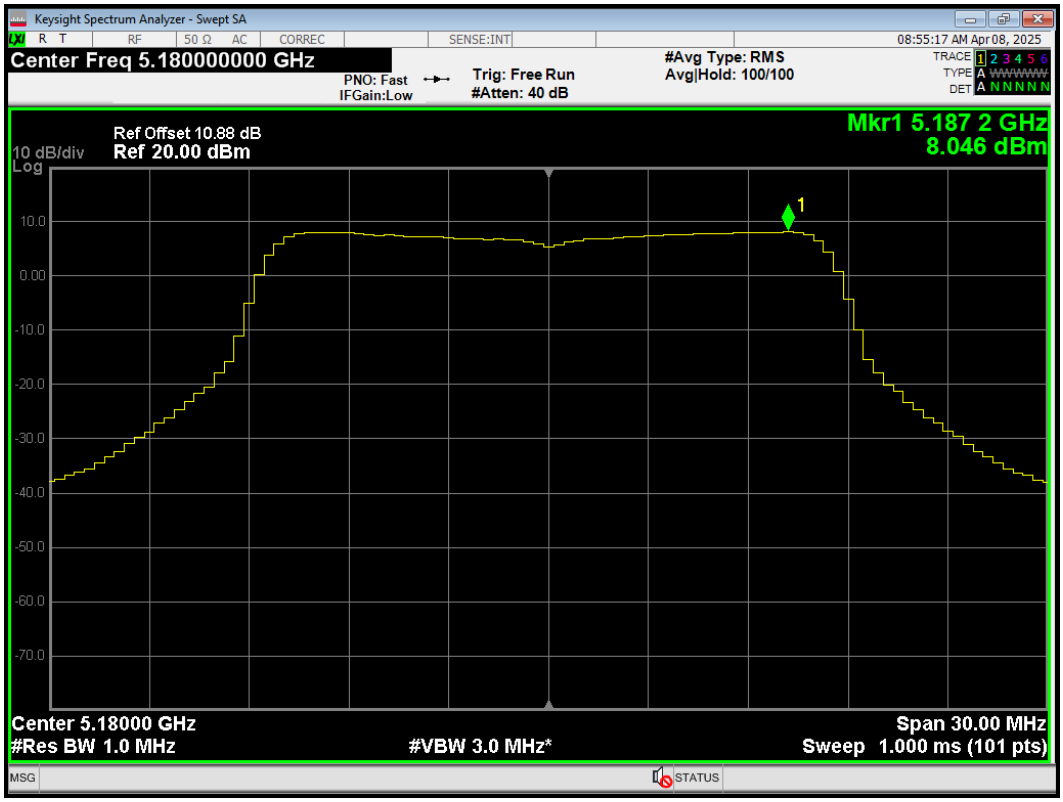
PSD 802.11a 5180MHz Ant1



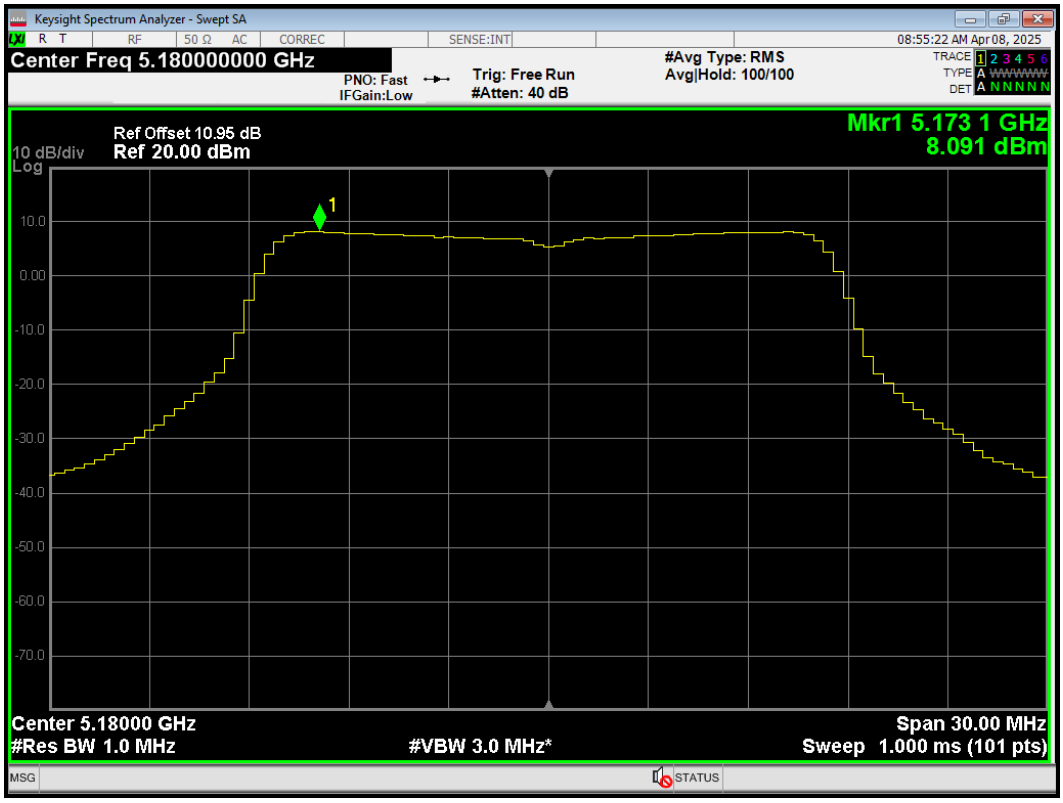
PSD 802.11a 5180MHz Ant2



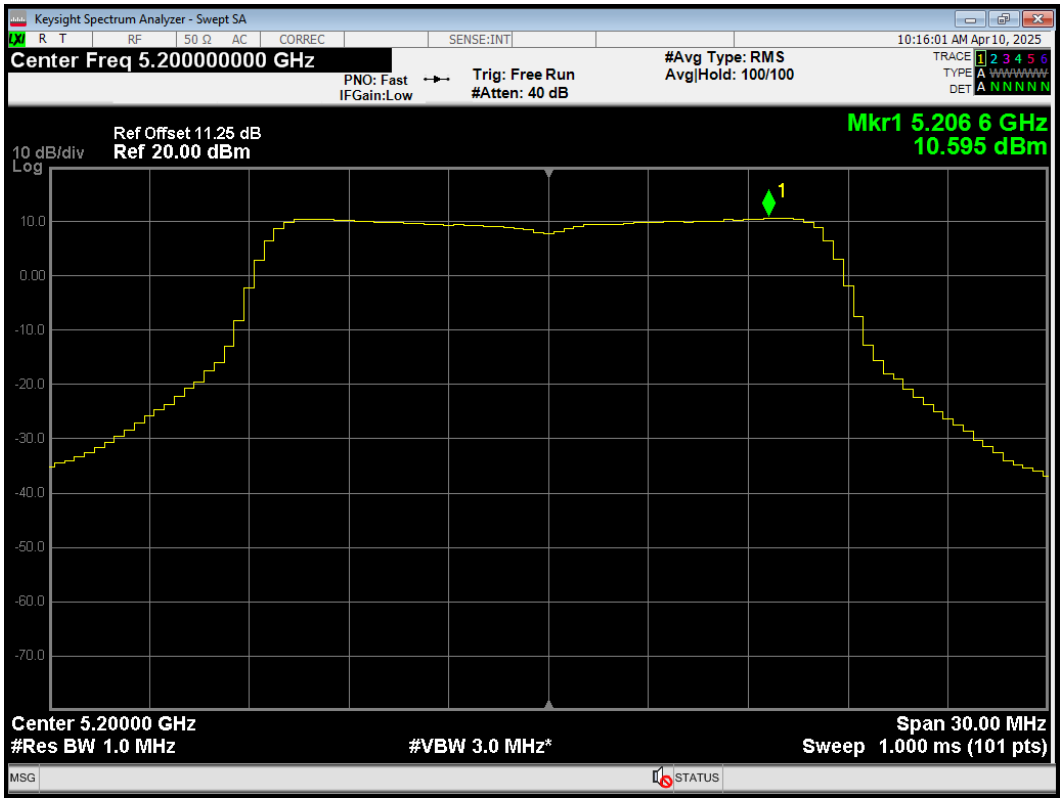
PSD 802.11a 5180MHz Ant3



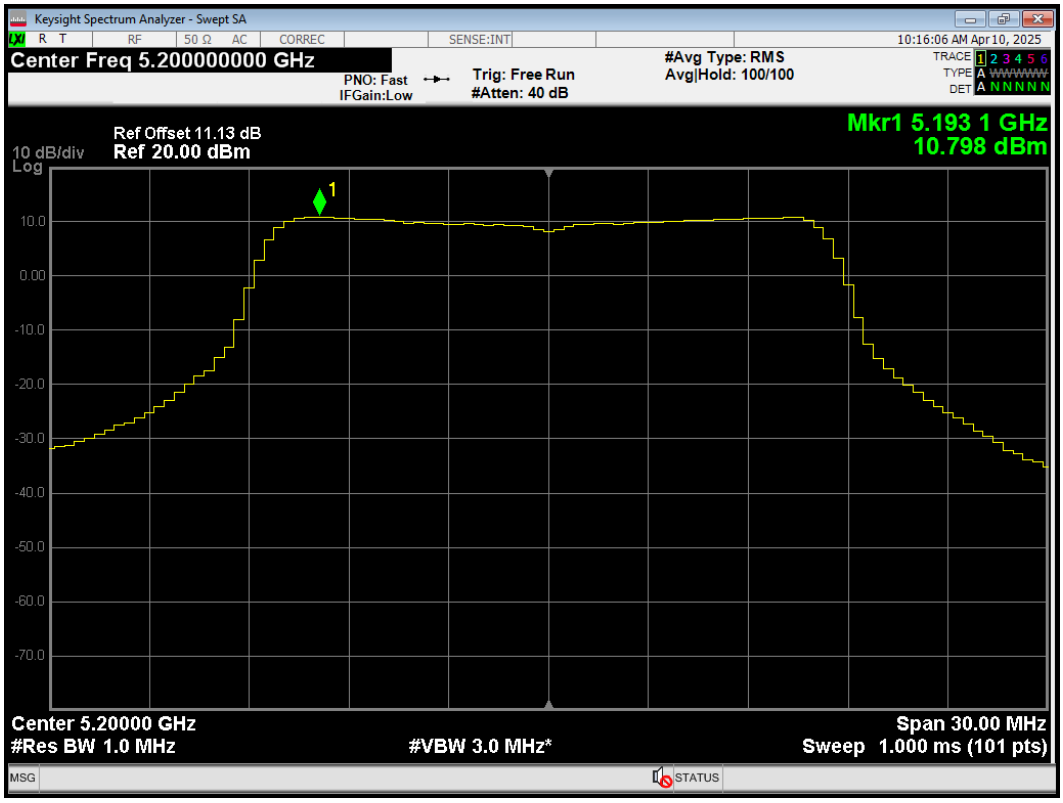
PSD 802.11a 5180MHz Ant4



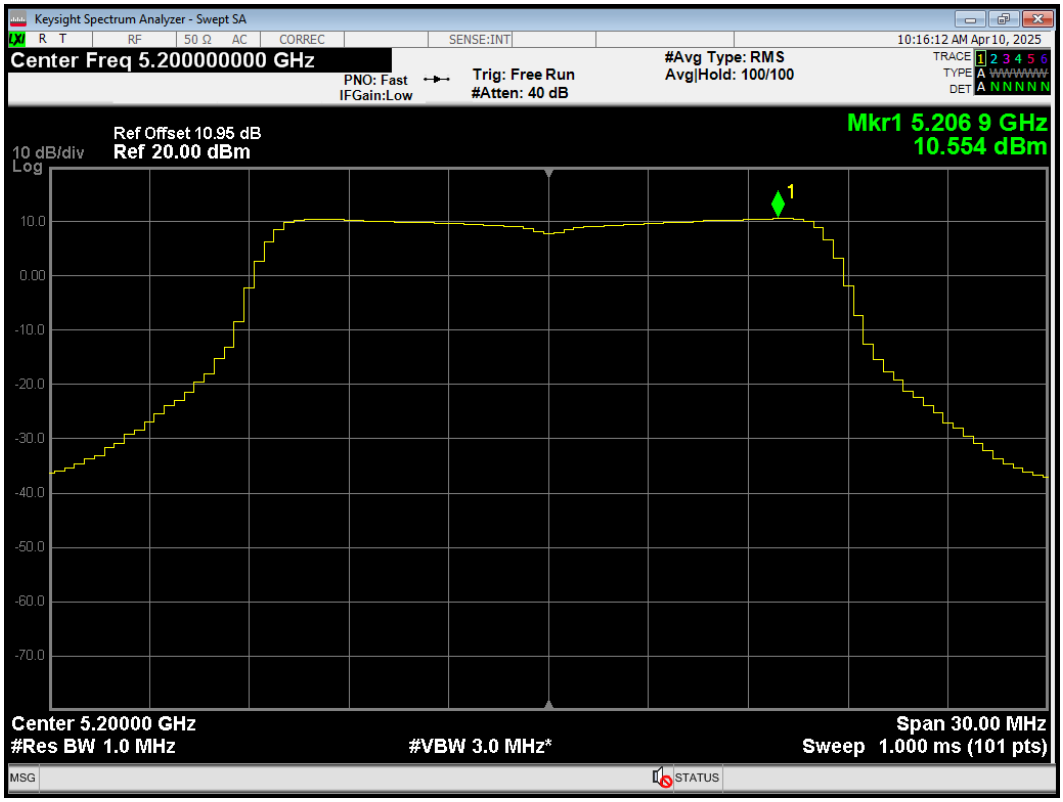
PSD 802.11a 5200MHz Ant1



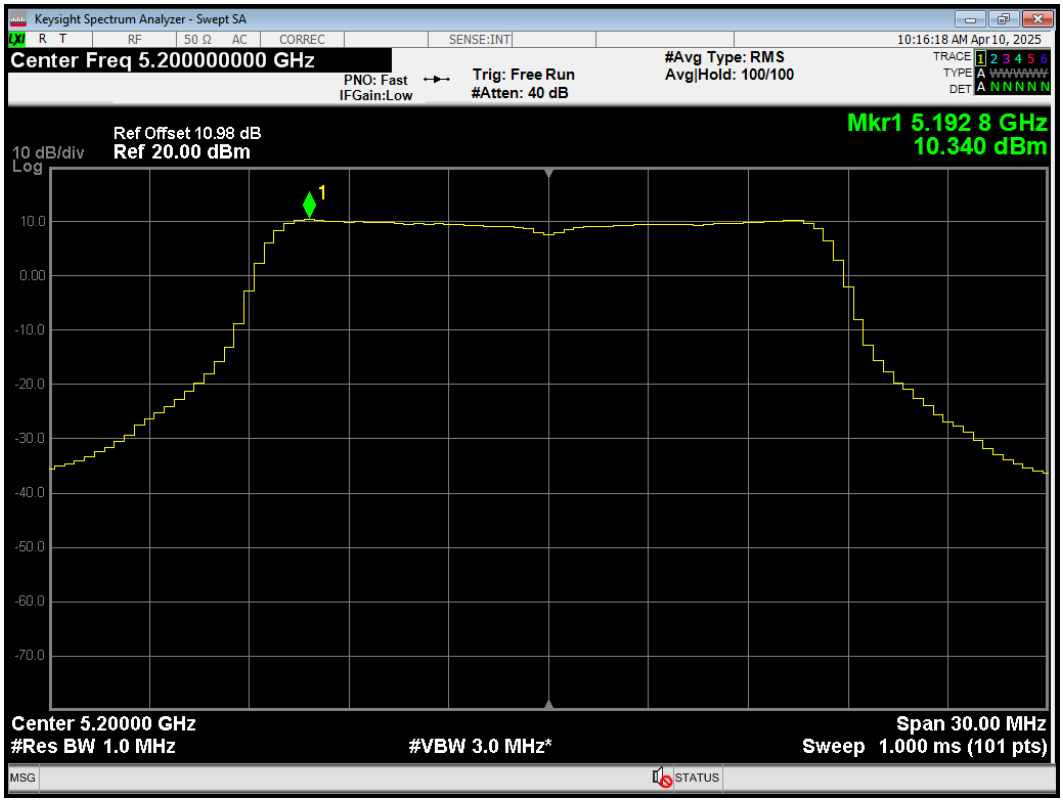
PSD 802.11a 5200MHz Ant2



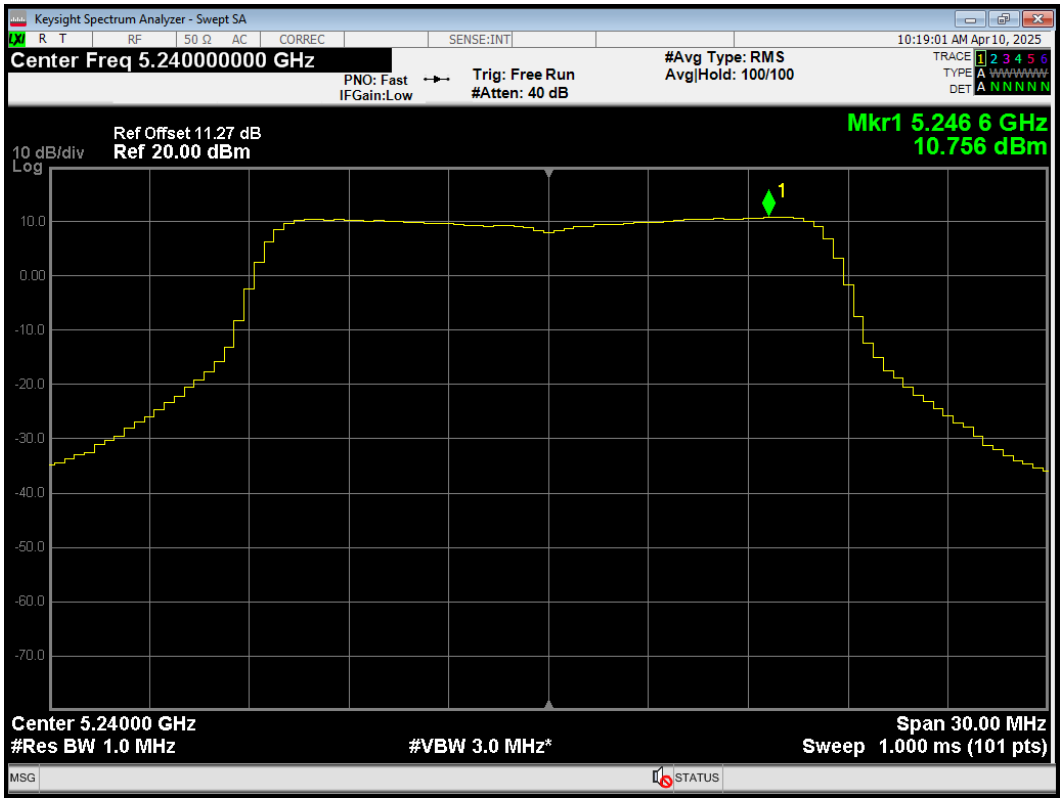
PSD 802.11a 5200MHz Ant3



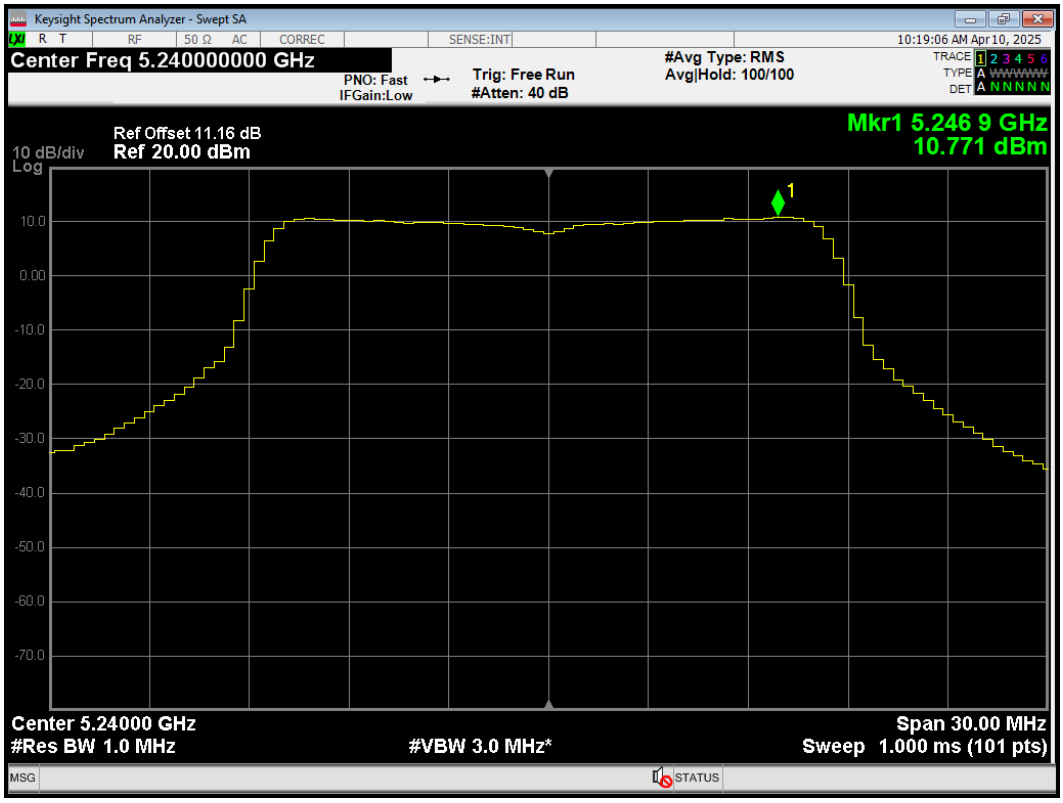
PSD 802.11a 5200MHz Ant4



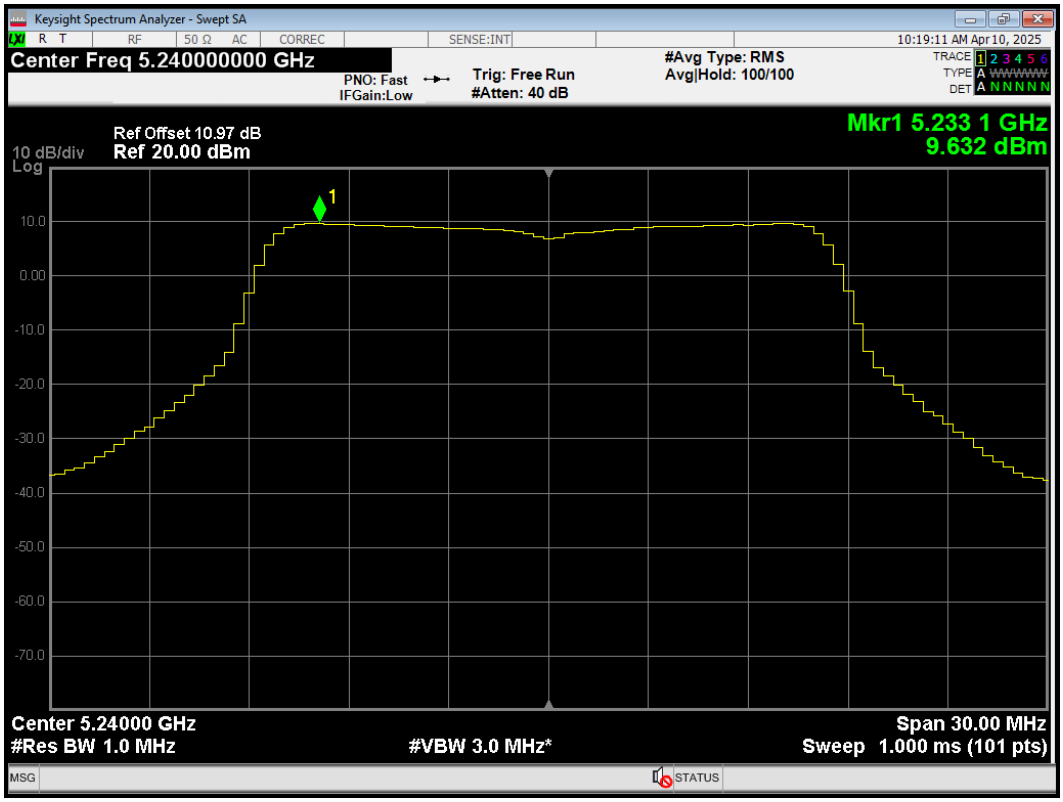
PSD 802.11a 5240MHz Ant1



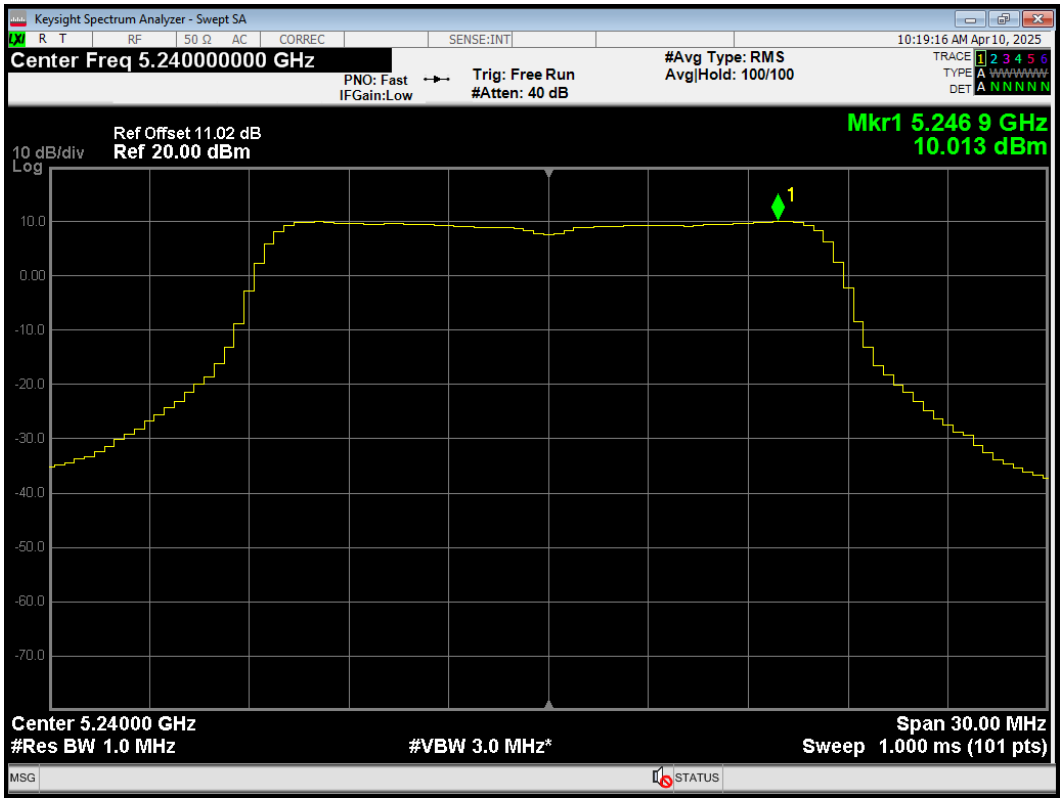
PSD 802.11a 5240MHz Ant2



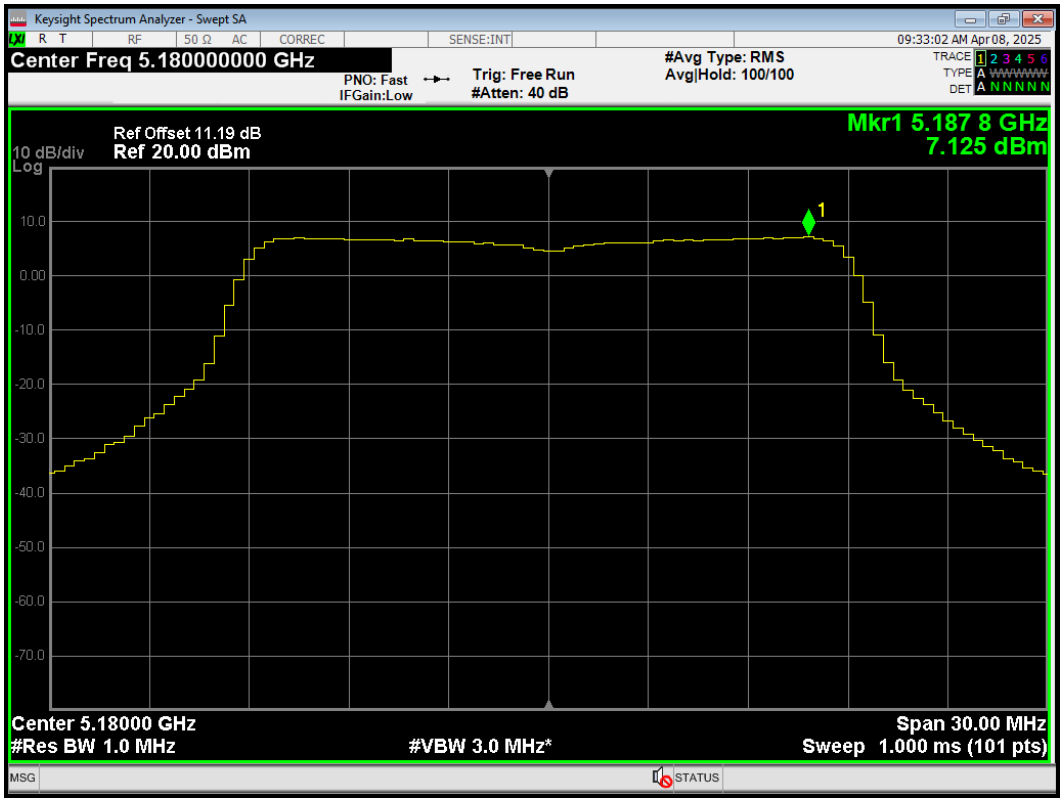
PSD 802.11a 5240MHz Ant3



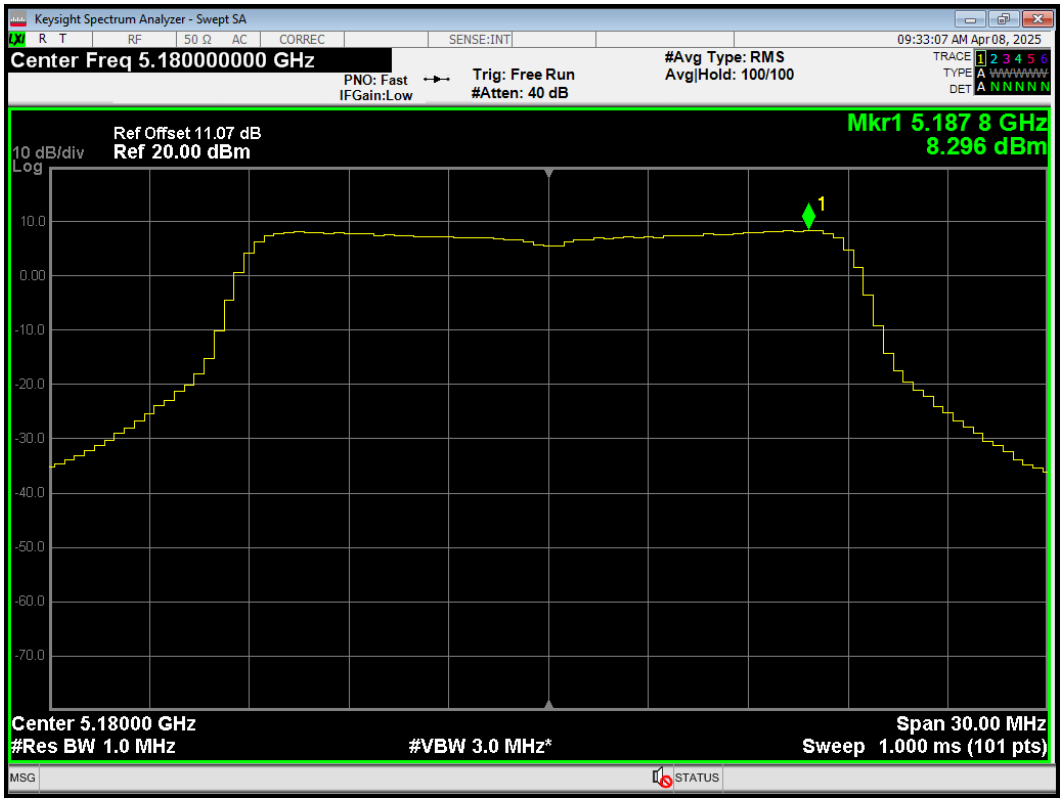
PSD 802.11a 5240MHz Ant4



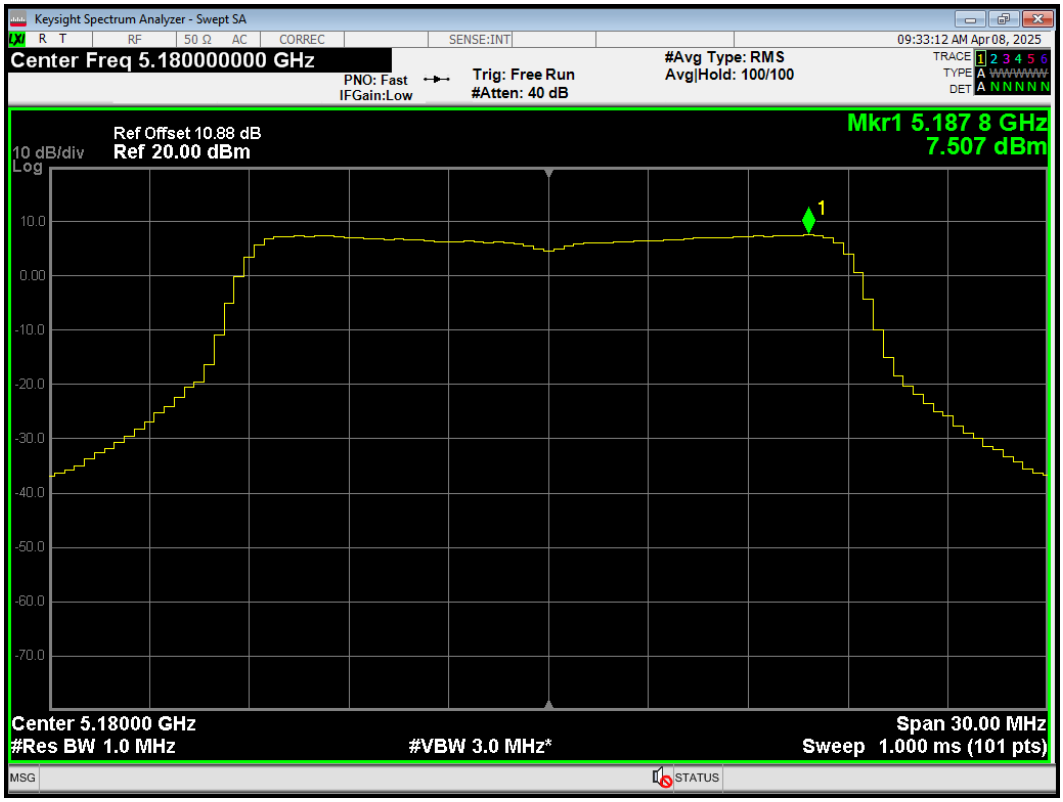
PSD 802.11ac(VHT20) 5180MHz Ant1



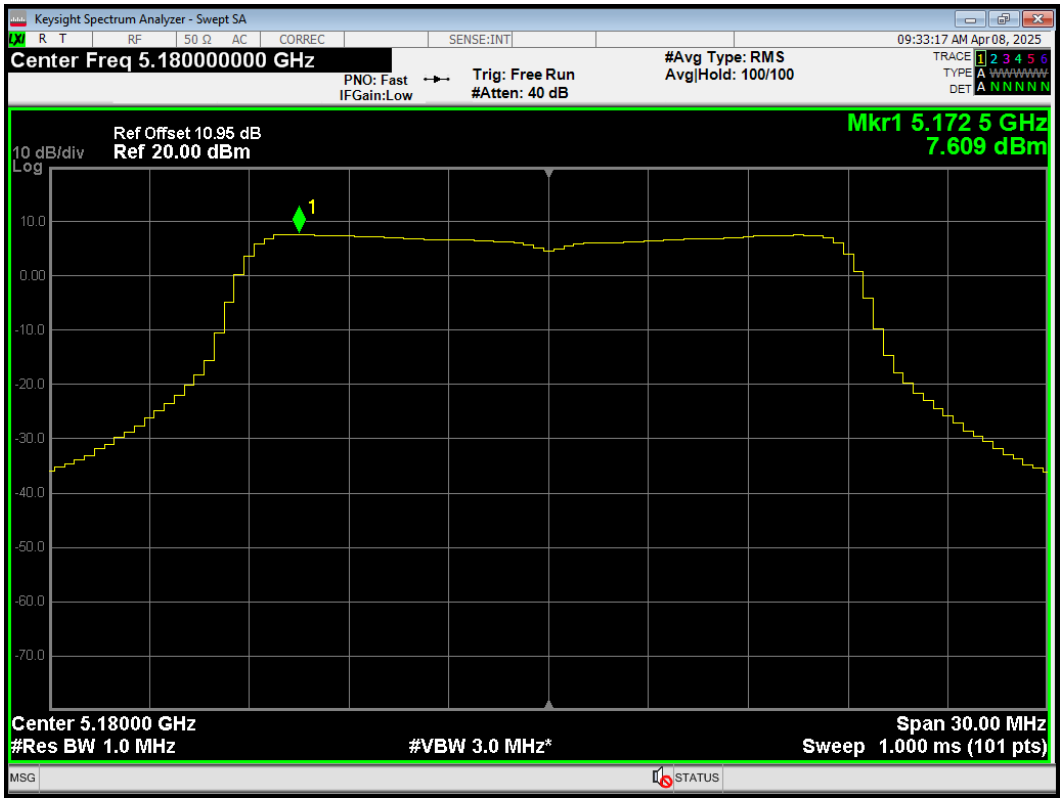
PSD 802.11ac(VHT20) 5180MHz Ant2



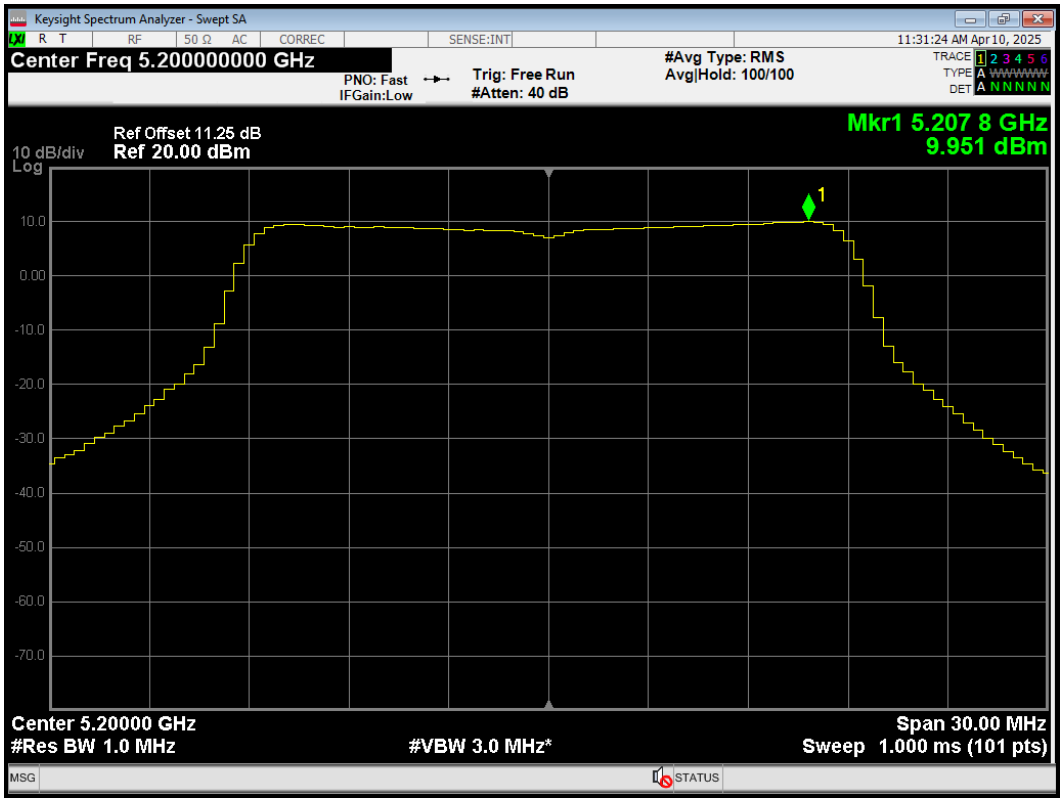
PSD 802.11ac(VHT20) 5180MHz Ant3



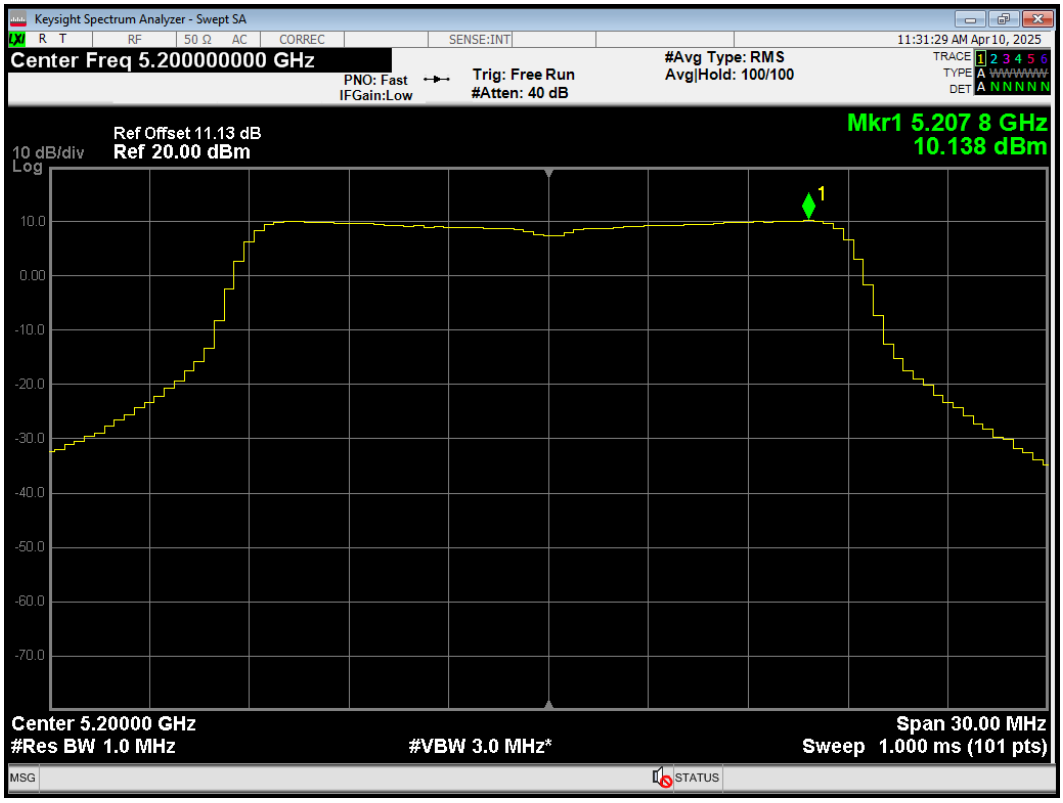
PSD 802.11ac(VHT20) 5180MHz Ant4



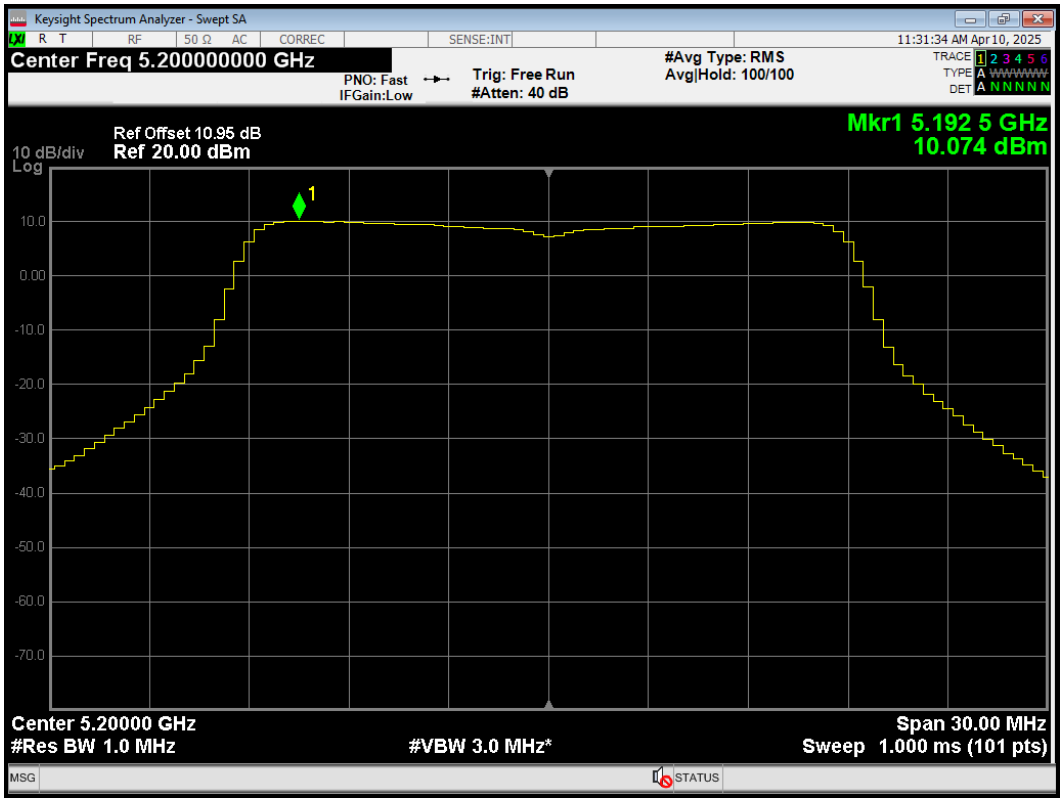
PSD 802.11ac(VHT20) 5200MHz Ant1



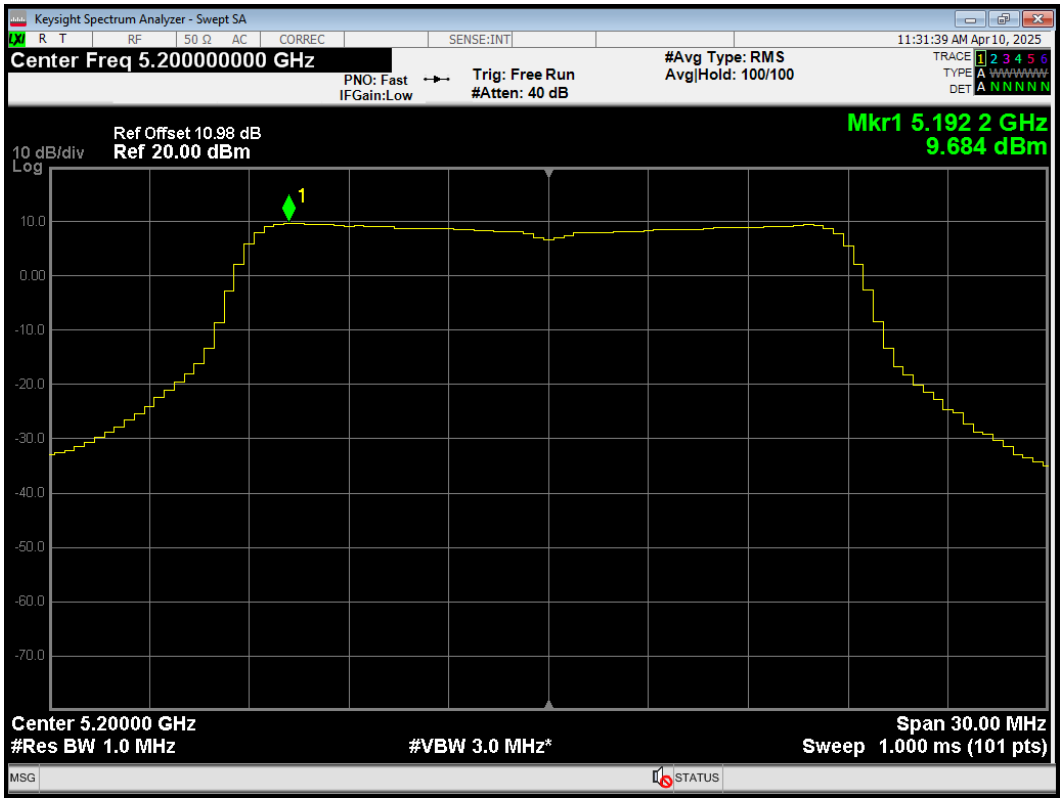
PSD 802.11ac(VHT20) 5200MHz Ant2



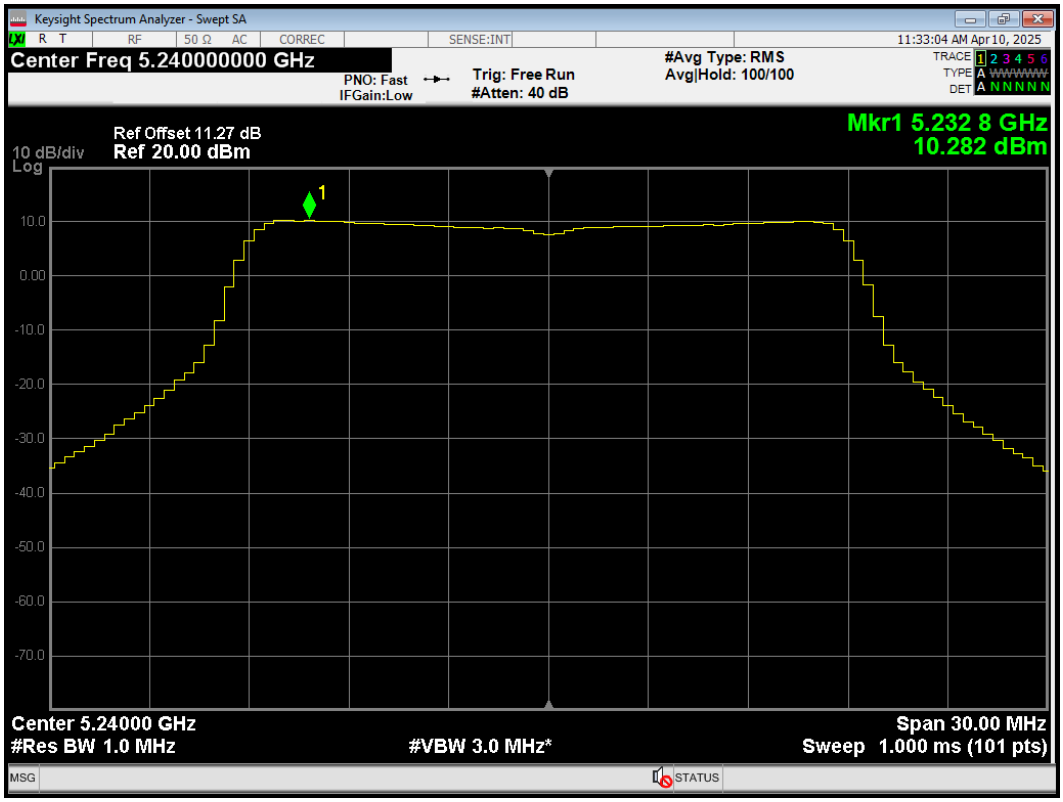
PSD 802.11ac(VHT20) 5200MHz Ant3



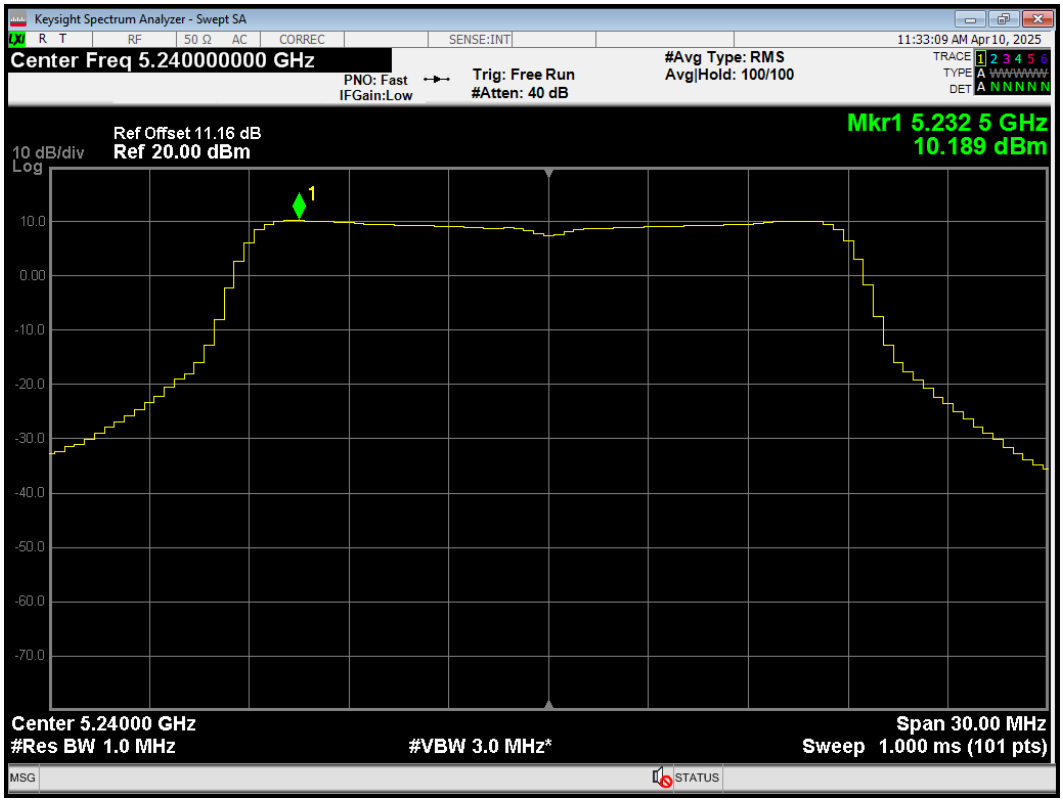
PSD 802.11ac(VHT20) 5200MHz Ant4



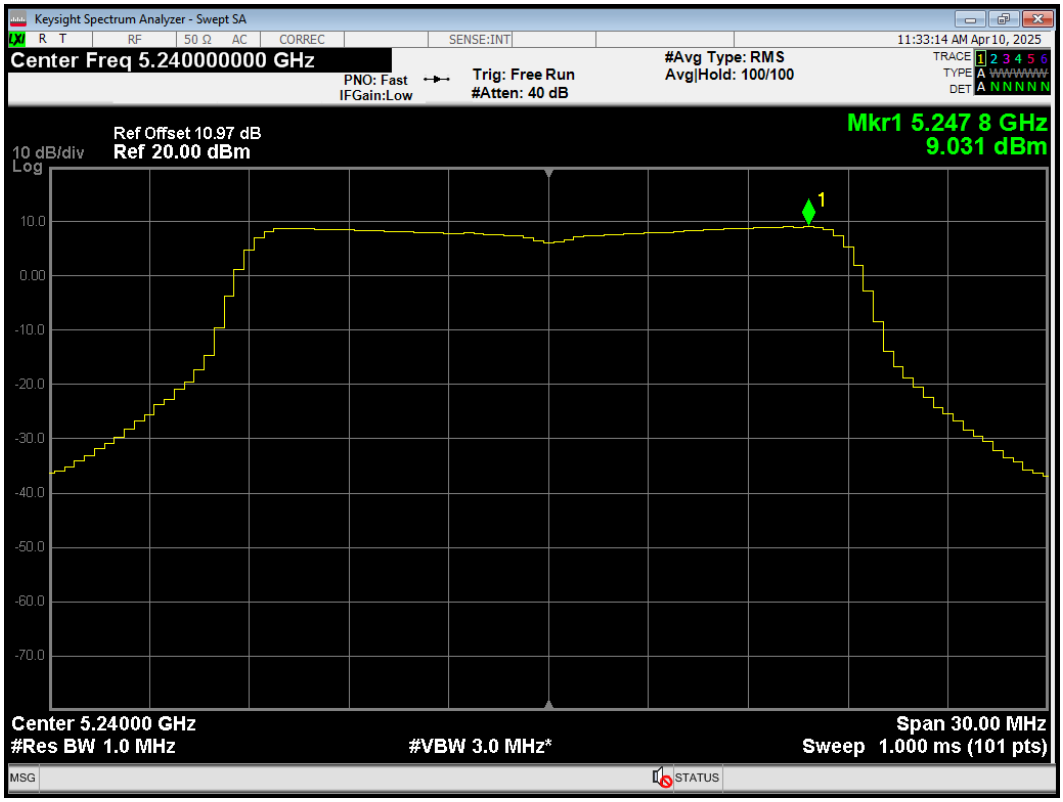
PSD 802.11ac(VHT20) 5240MHz Ant1



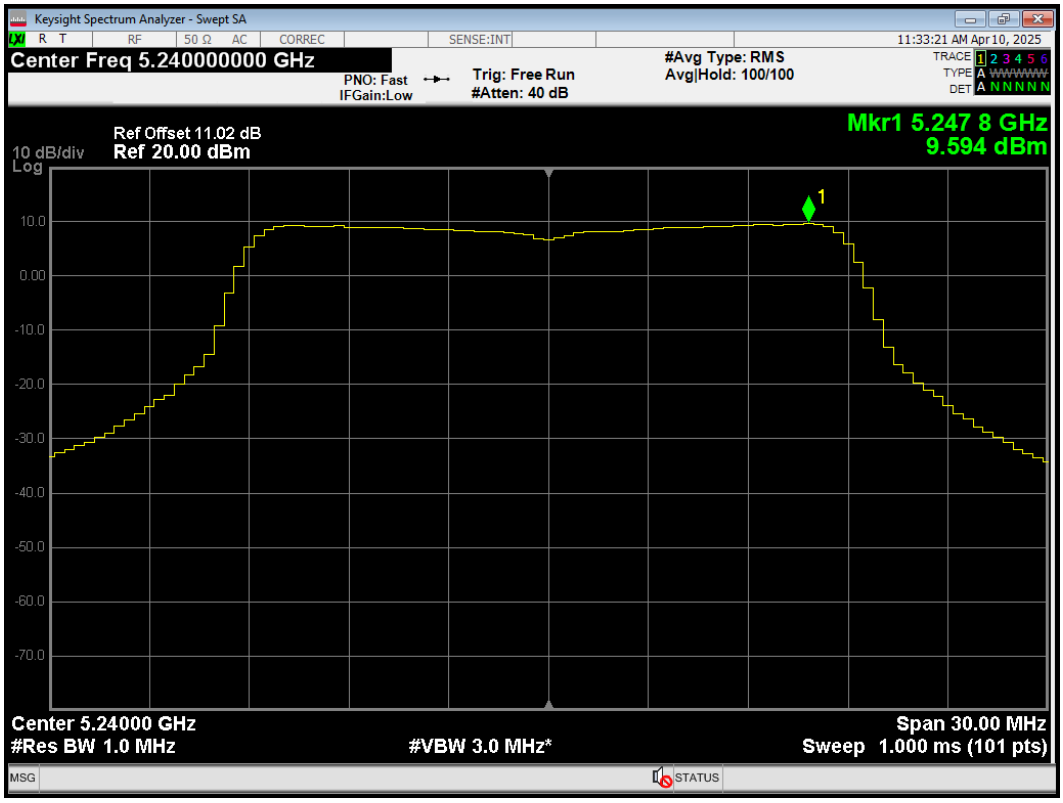
PSD 802.11ac(VHT20) 5240MHz Ant2



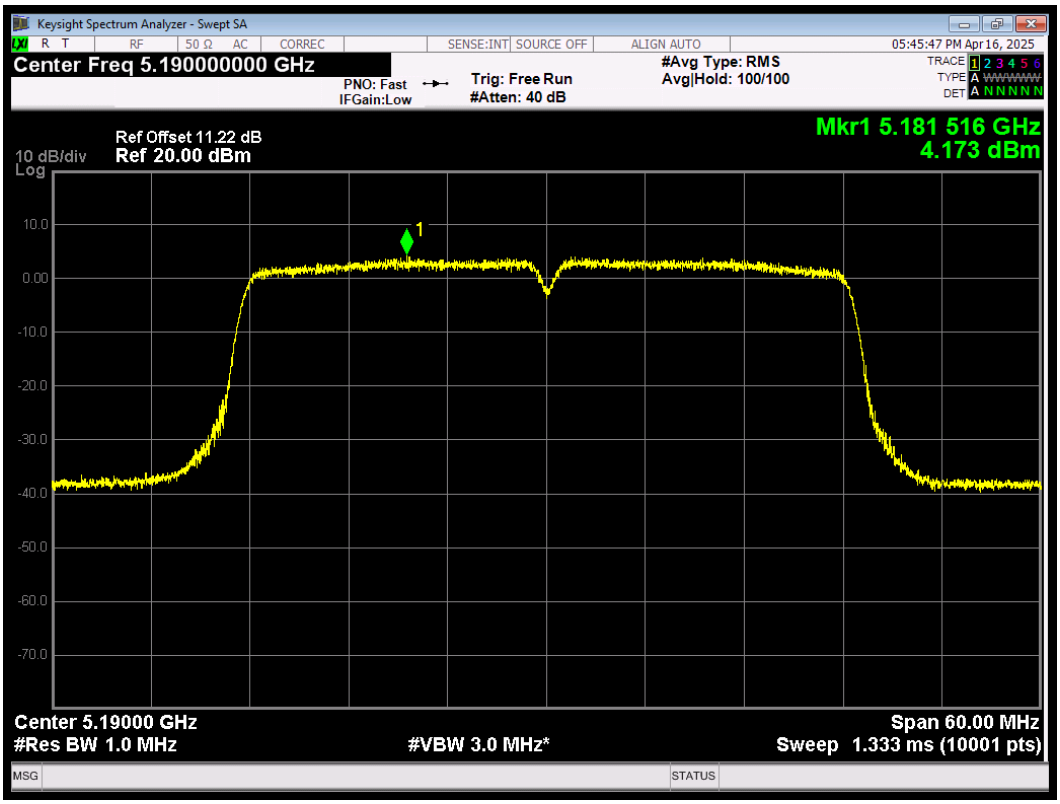
PSD 802.11ac(VHT20) 5240MHz Ant3



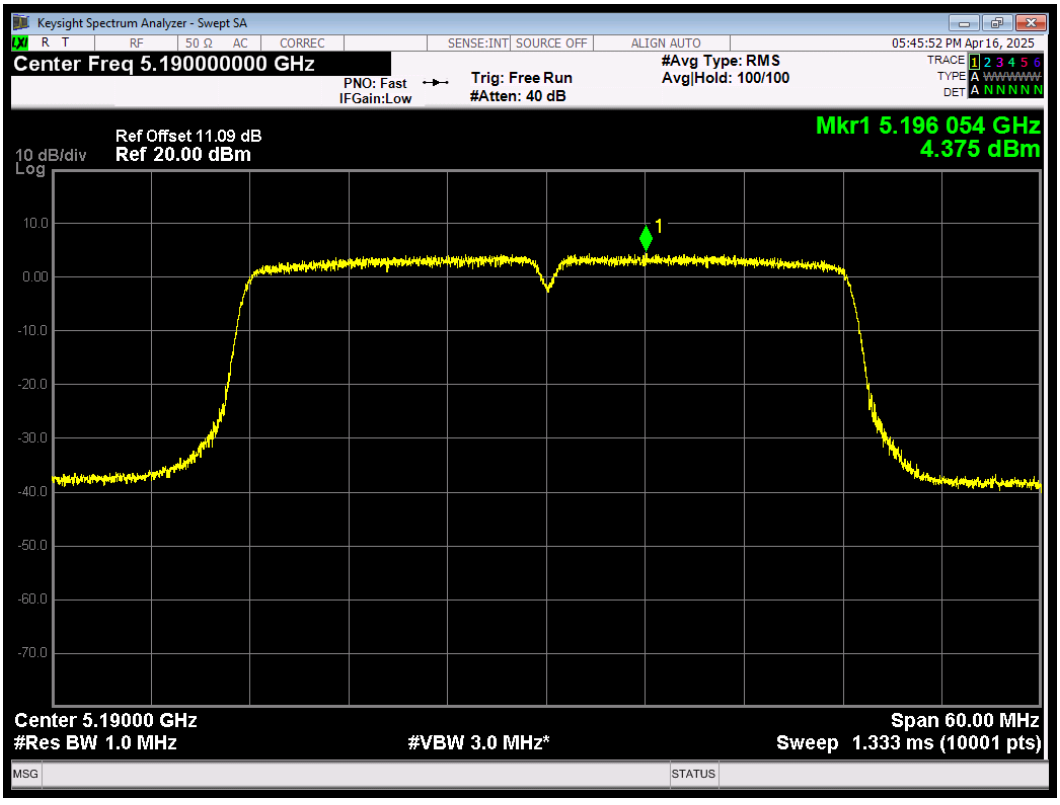
PSD 802.11ac(VHT20) 5240MHz Ant4



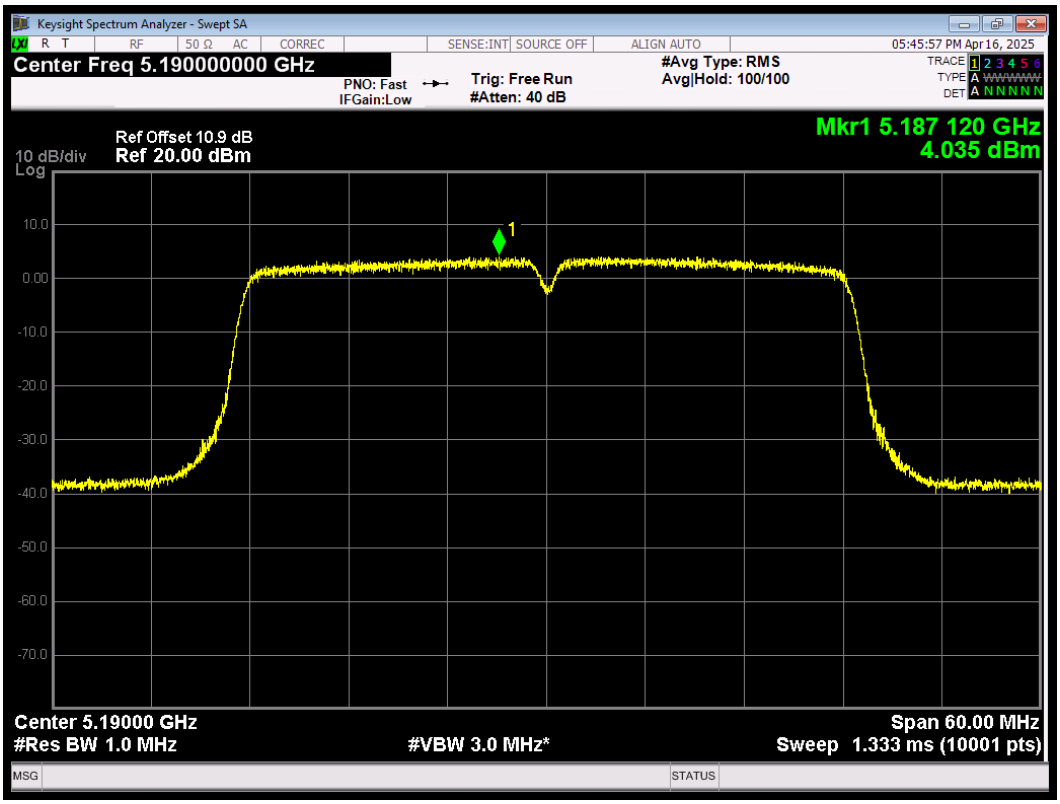
PSD 802.11ac(VHT40) 5190MHz Ant1



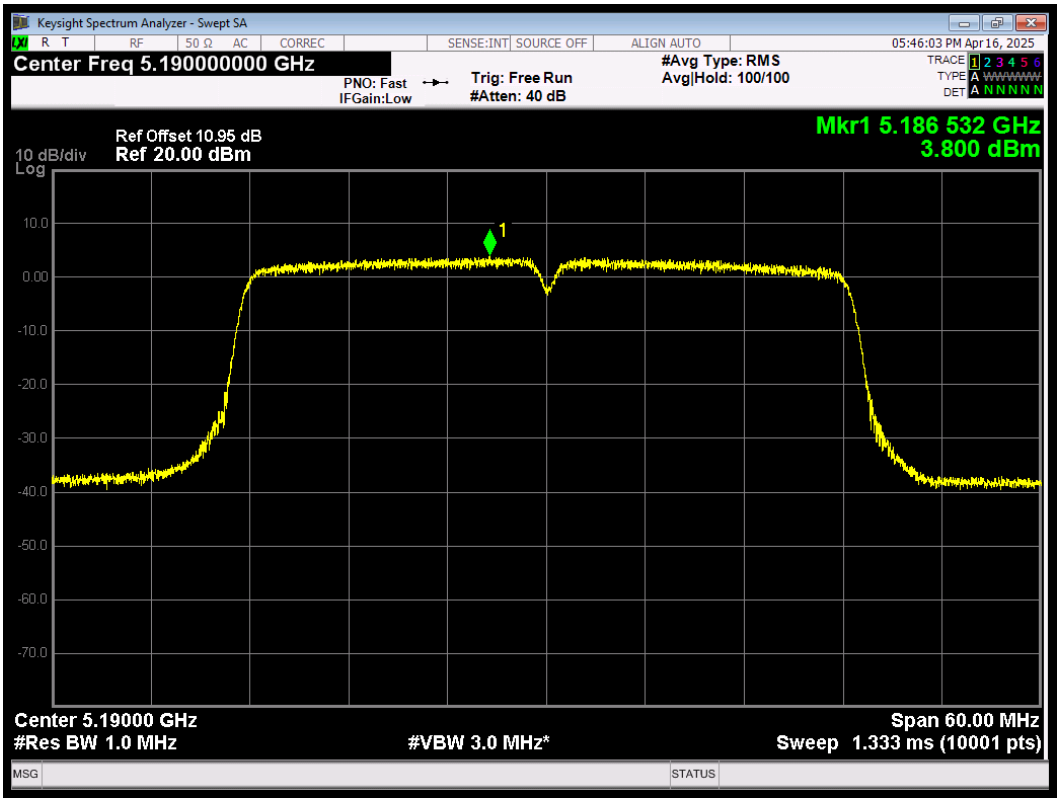
PSD 802.11ac(VHT40) 5190MHz Ant2



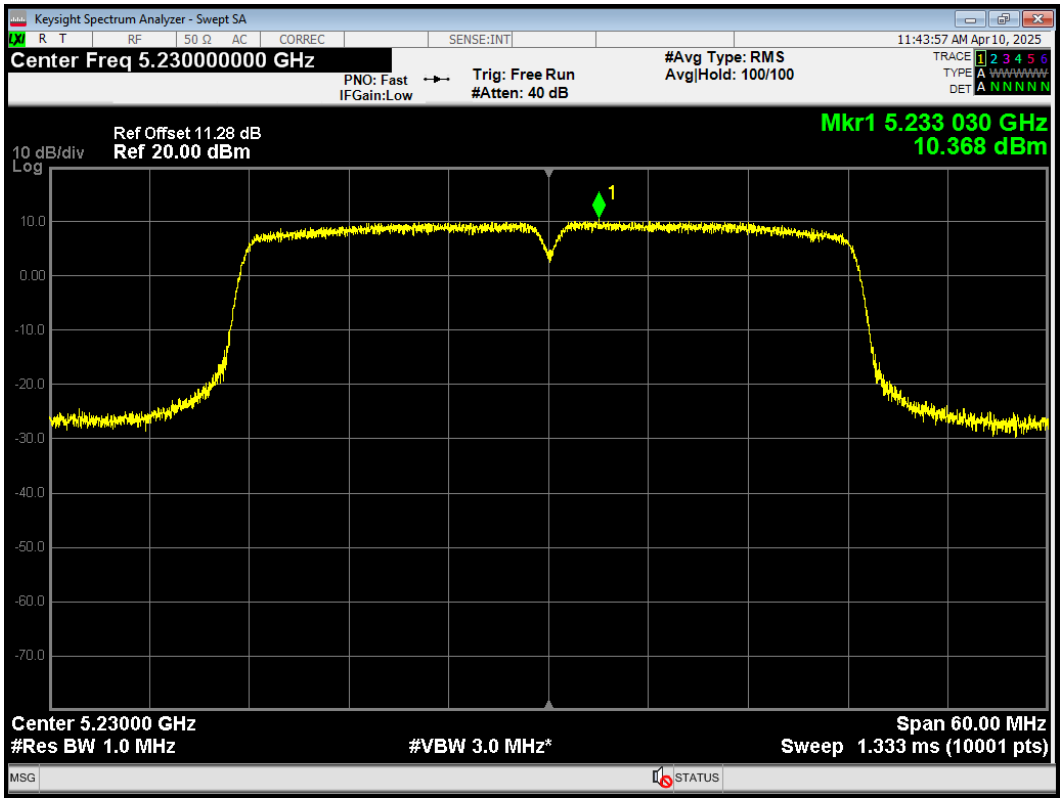
PSD 802.11ac(VHT40) 5190MHz Ant3



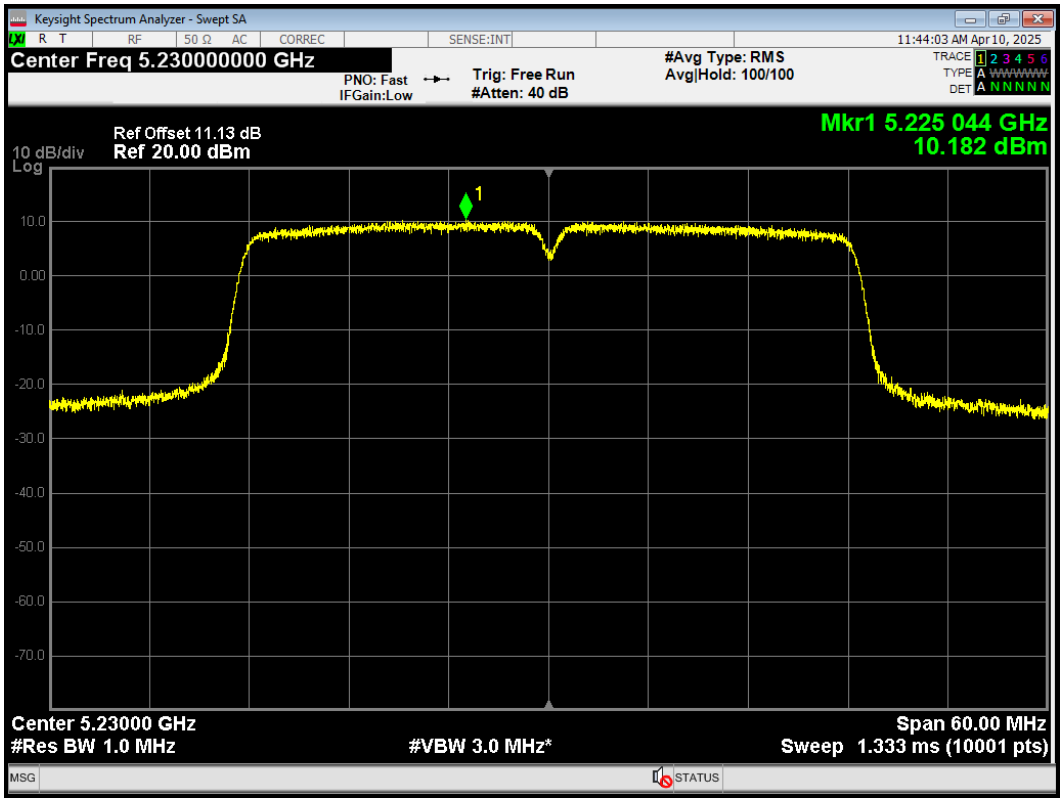
PSD 802.11ac(VHT40) 5190MHz Ant4



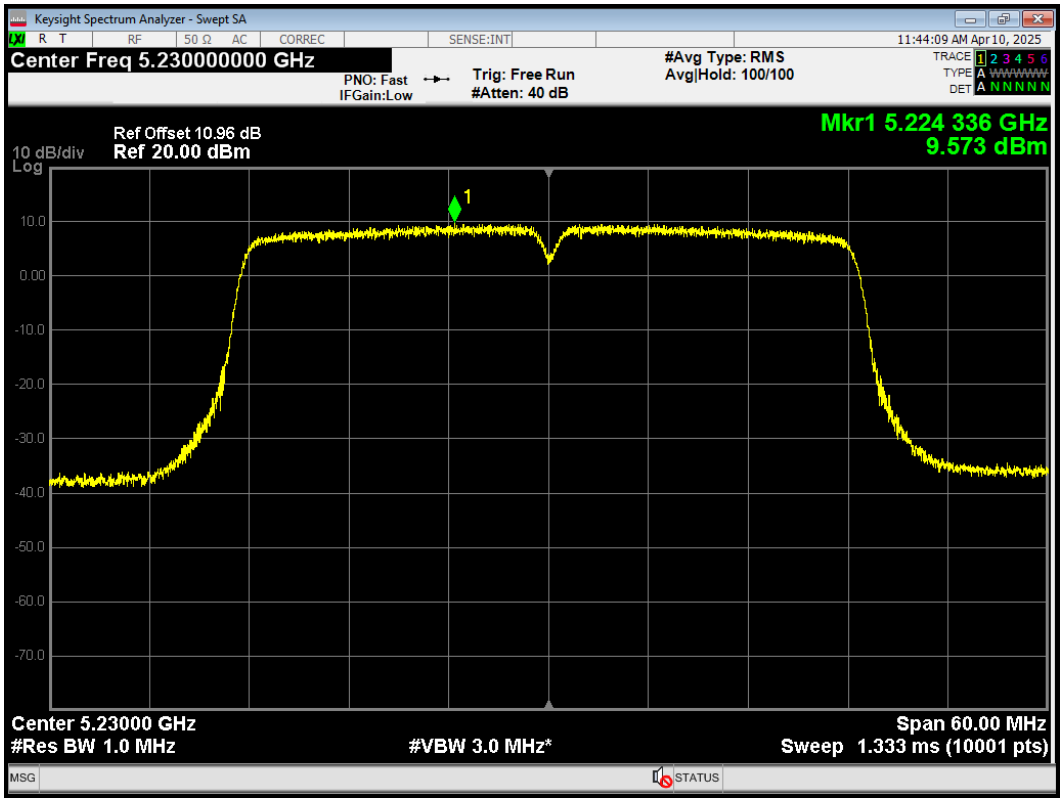
PSD 802.11ac(VHT40) 5230MHz Ant1



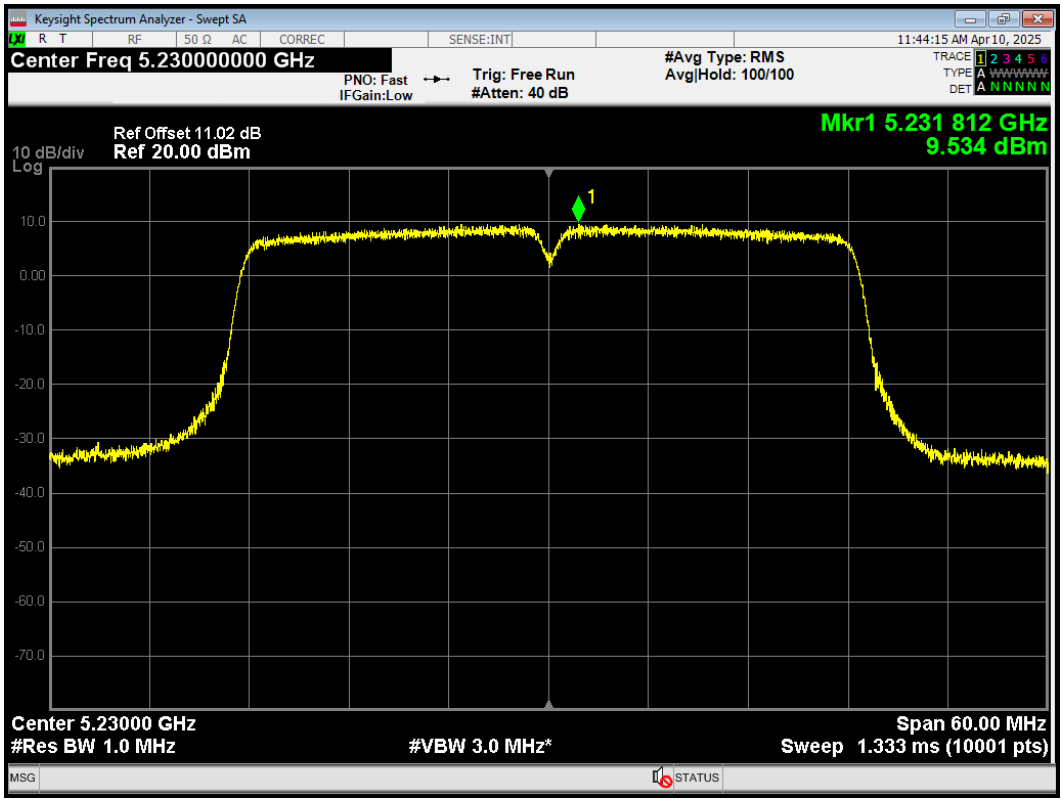
PSD 802.11ac(VHT40) 5230MHz Ant2



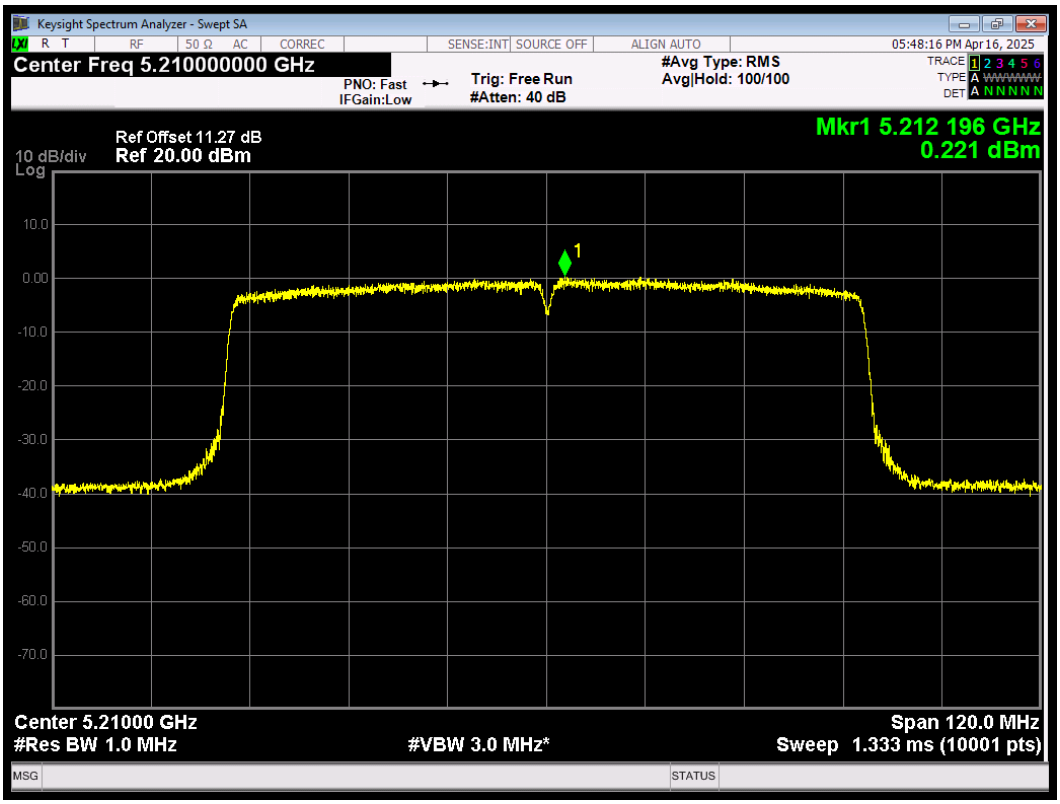
PSD 802.11ac(VHT40) 5230MHz Ant3



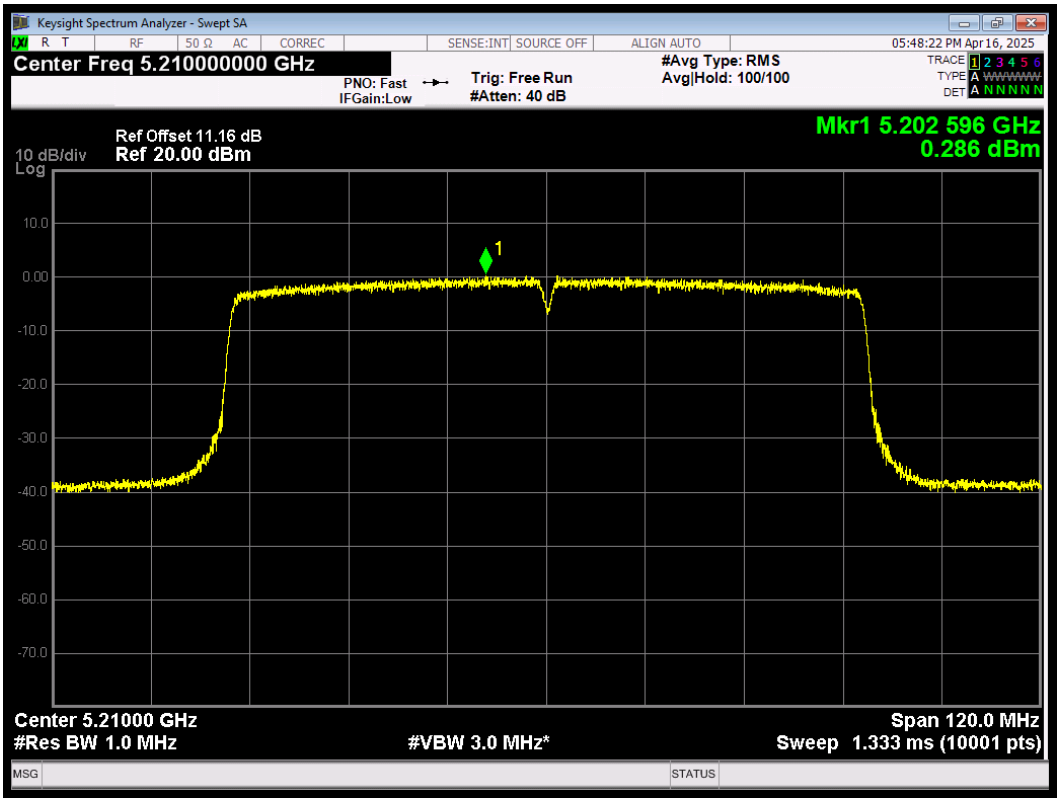
PSD 802.11ac(VHT40) 5230MHz Ant4



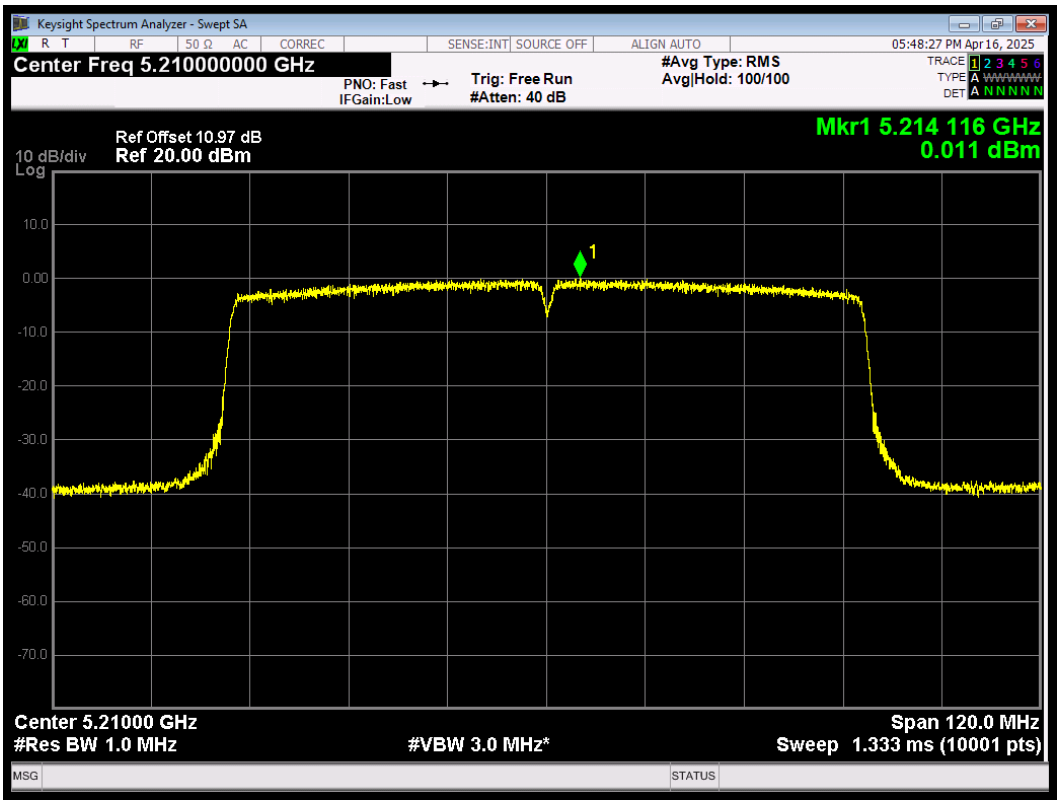
PSD 802.11ac(VHT80) 5210MHz Ant1



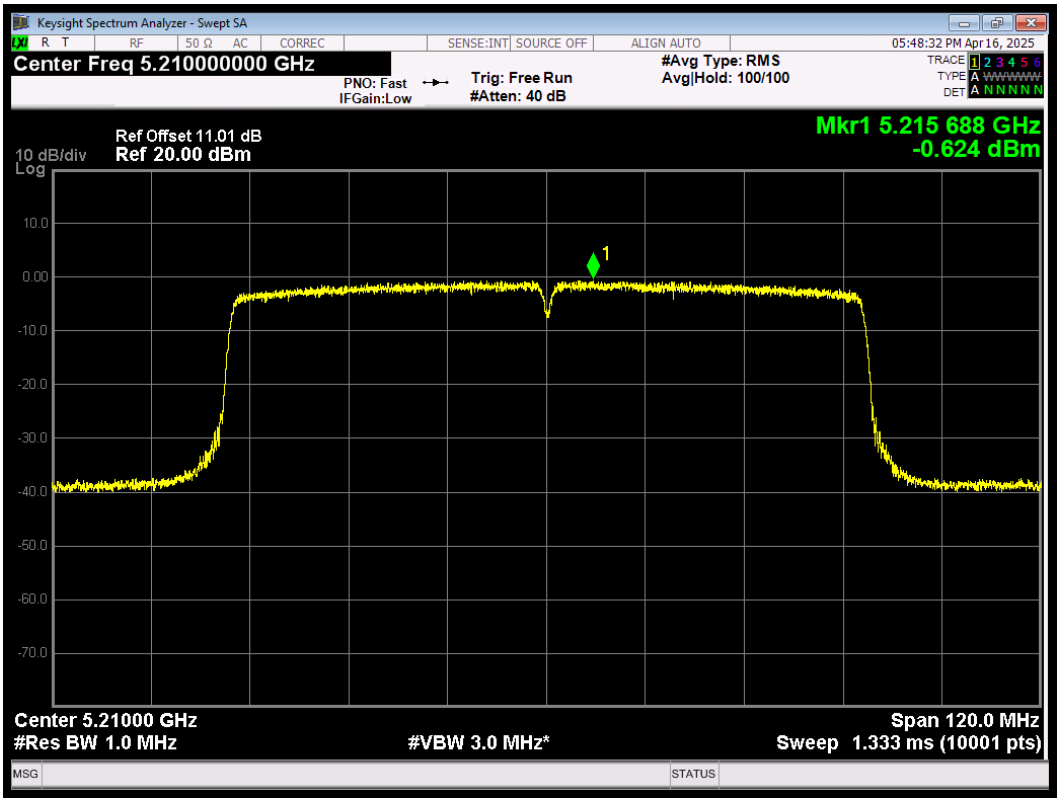
PSD 802.11ac(VHT80) 5210MHz Ant2



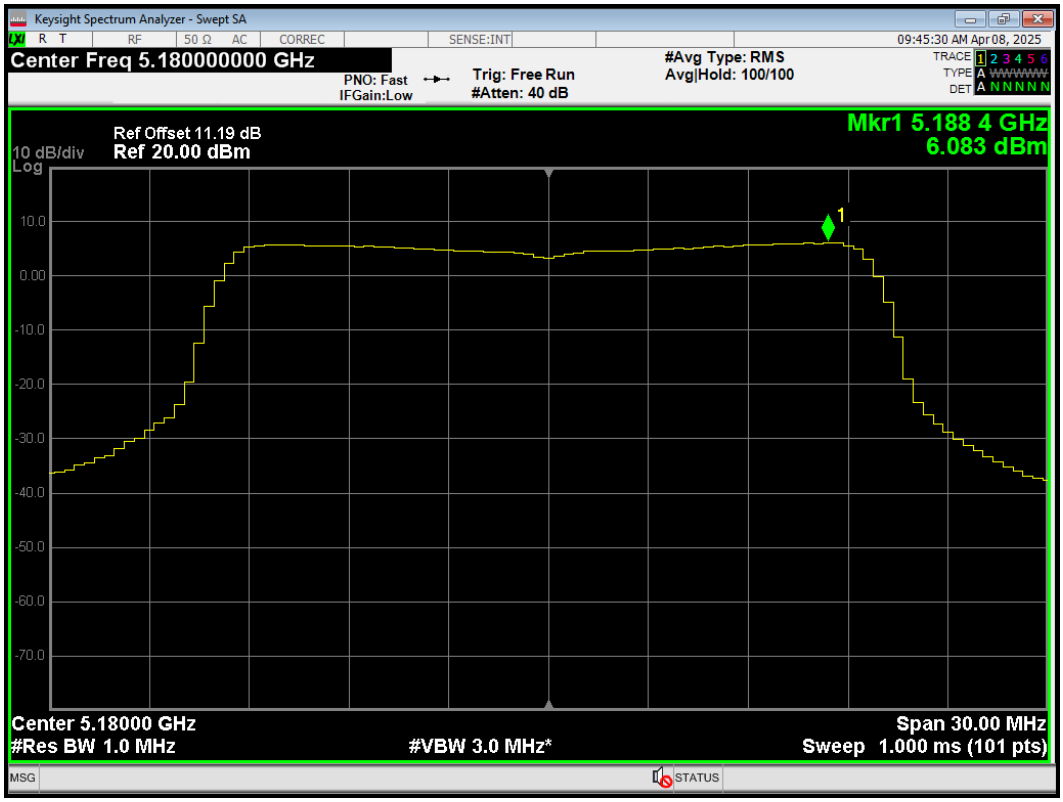
PSD 802.11ac(VHT80) 5210MHz Ant3



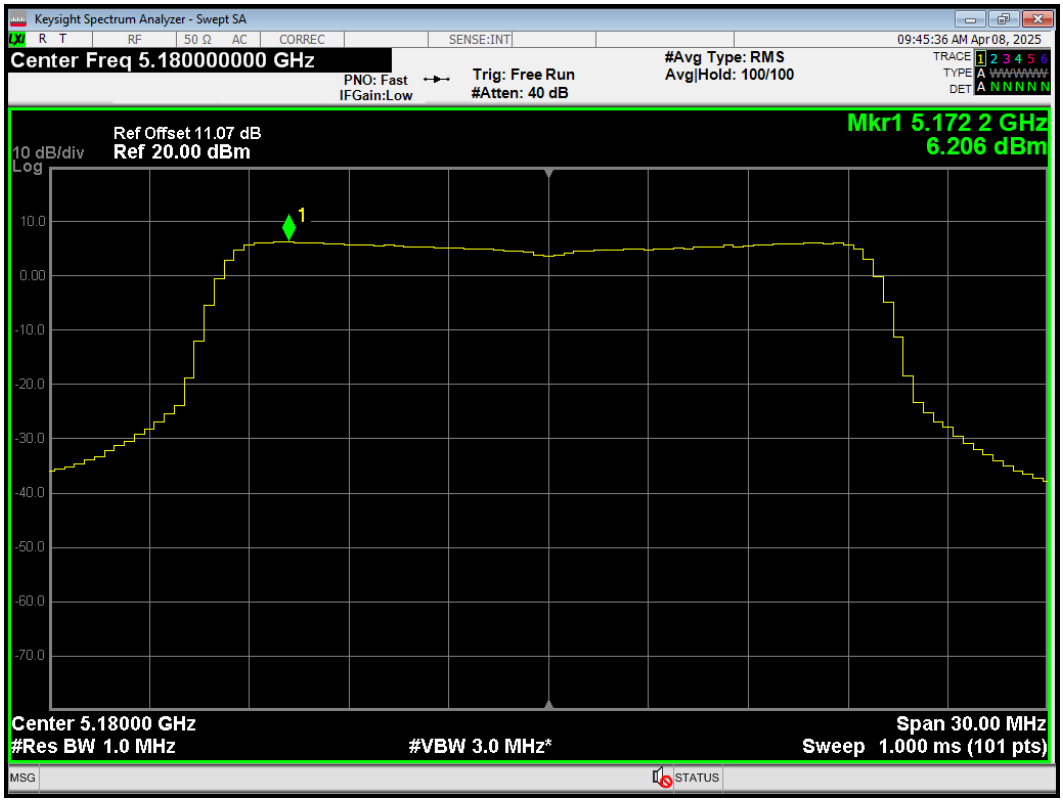
PSD 802.11ac(VHT80) 5210MHz Ant4



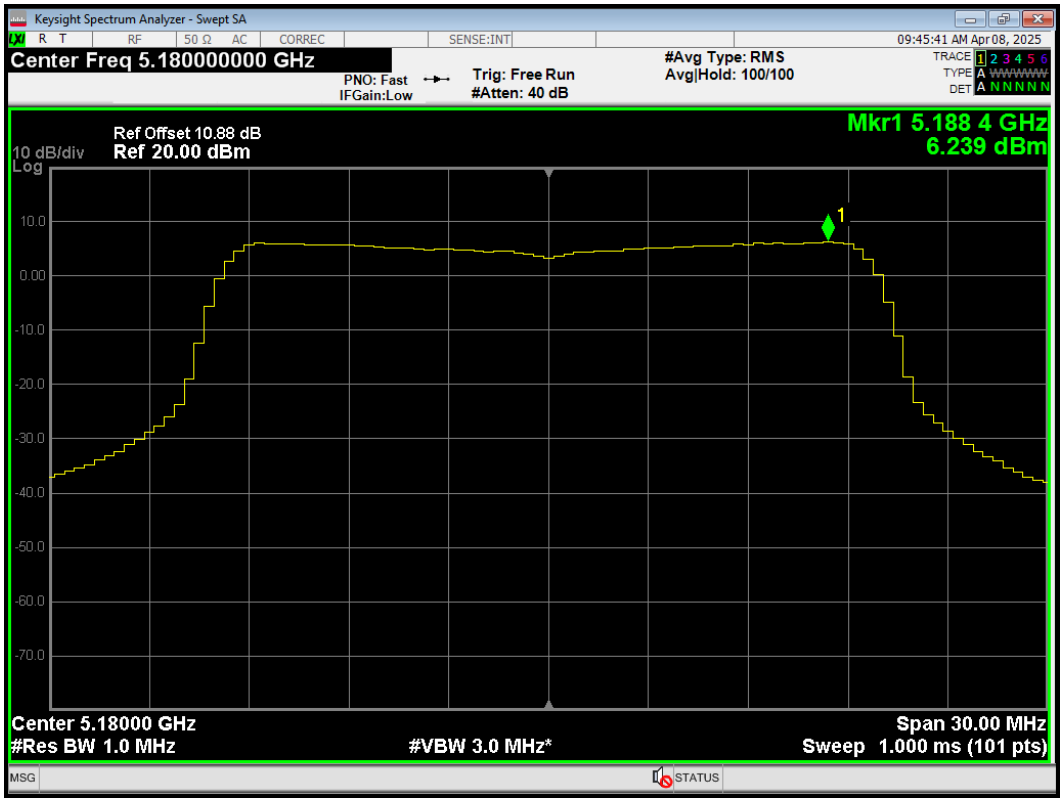
PSD 802.11ax(HE20) 5180MHz Ant1



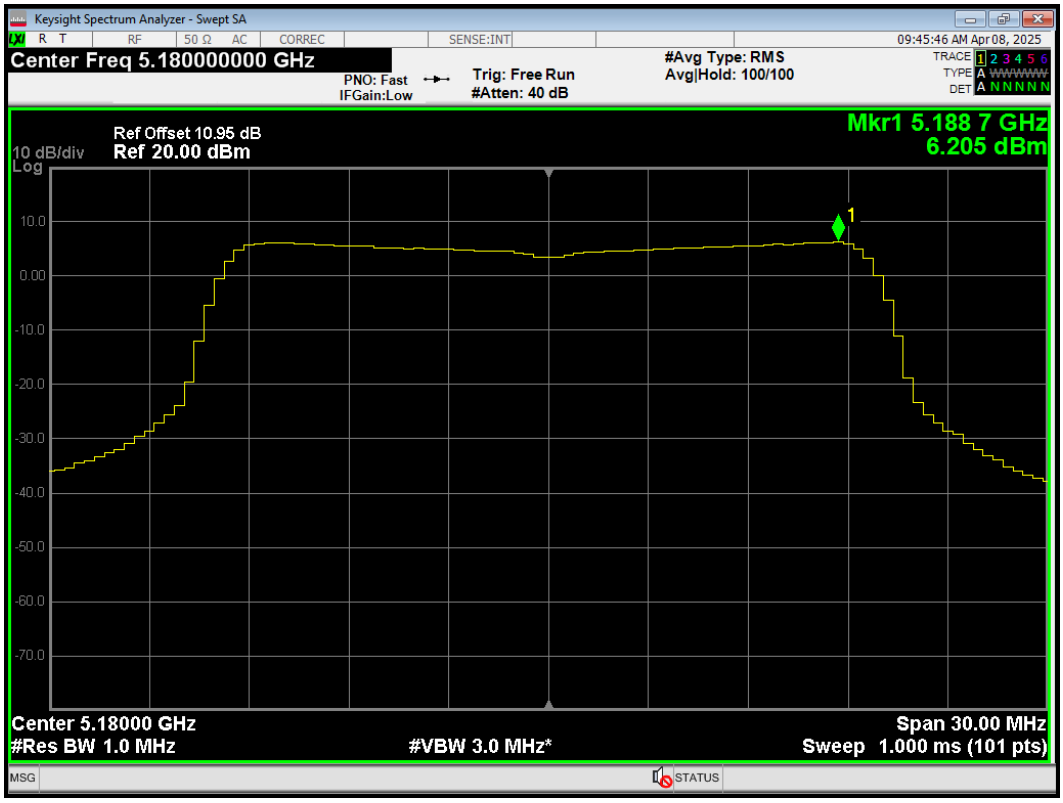
PSD 802.11ax(HE20) 5180MHz Ant2



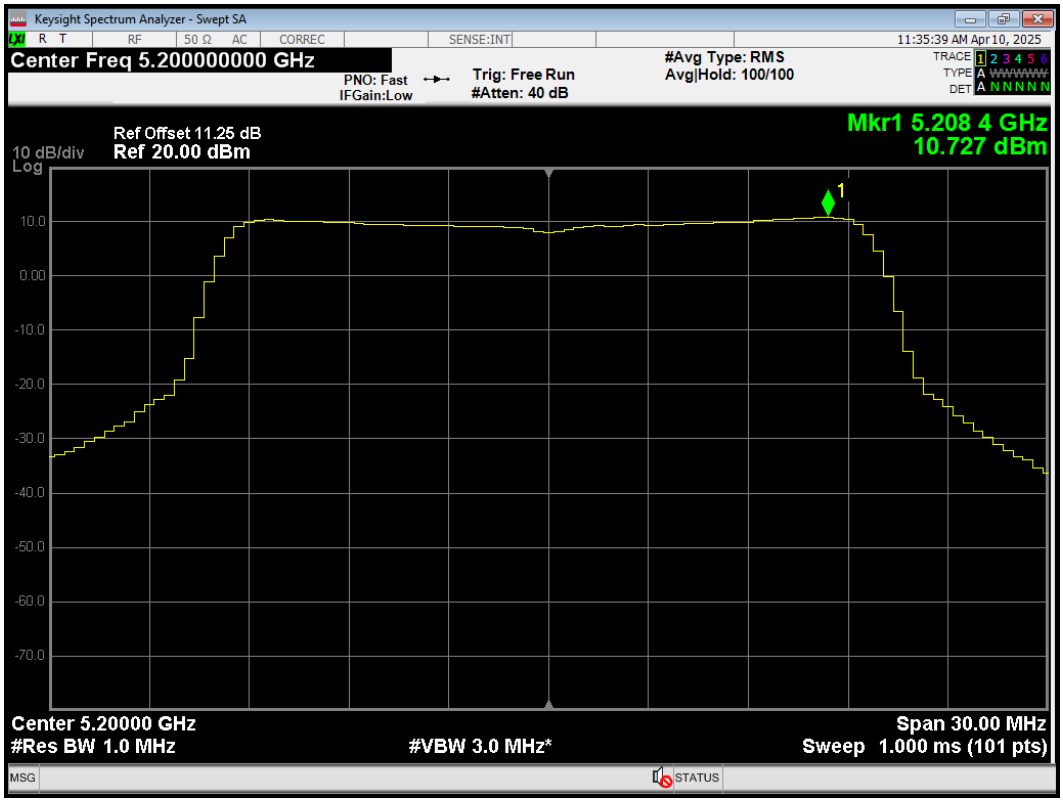
PSD 802.11ax(HE20) 5180MHz Ant3



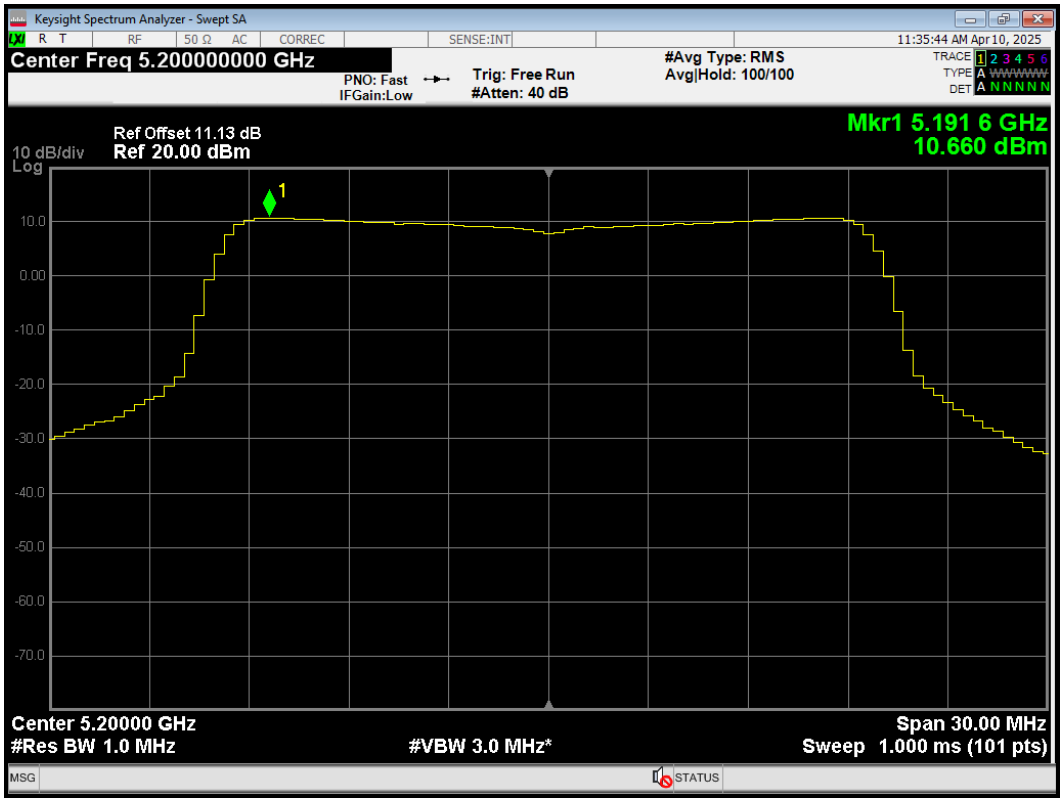
PSD 802.11ax(HE20) 5180MHz Ant4



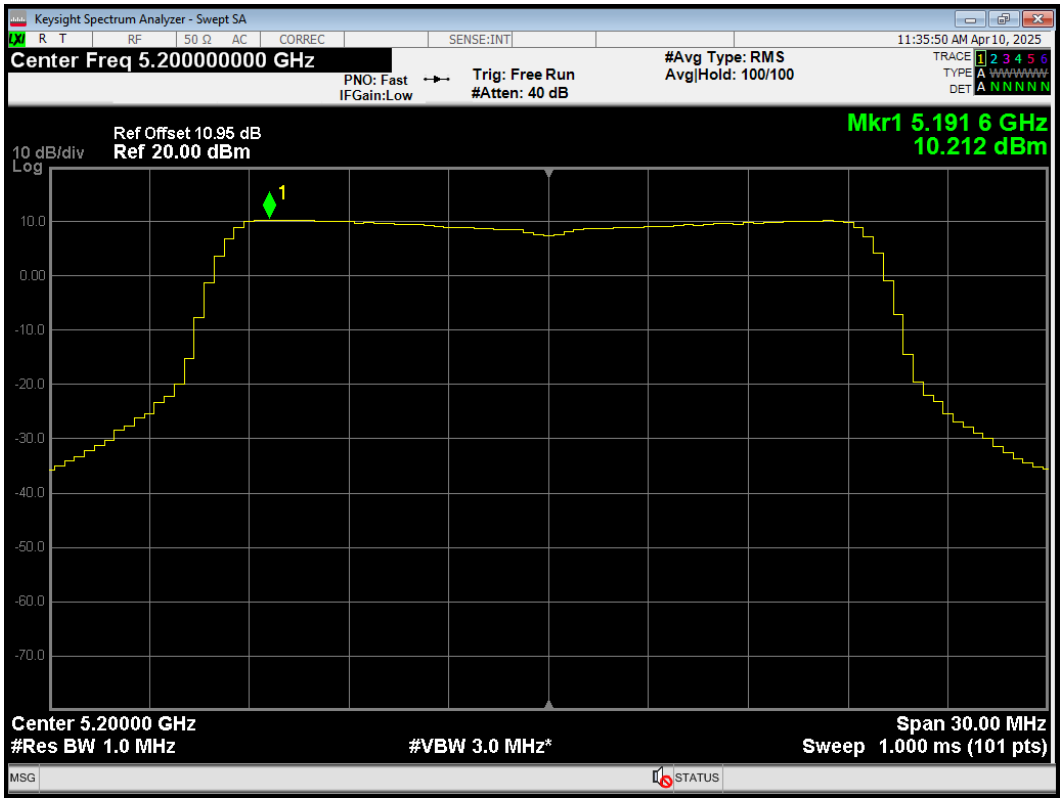
PSD 802.11ax(HE20) 5200MHz Ant1



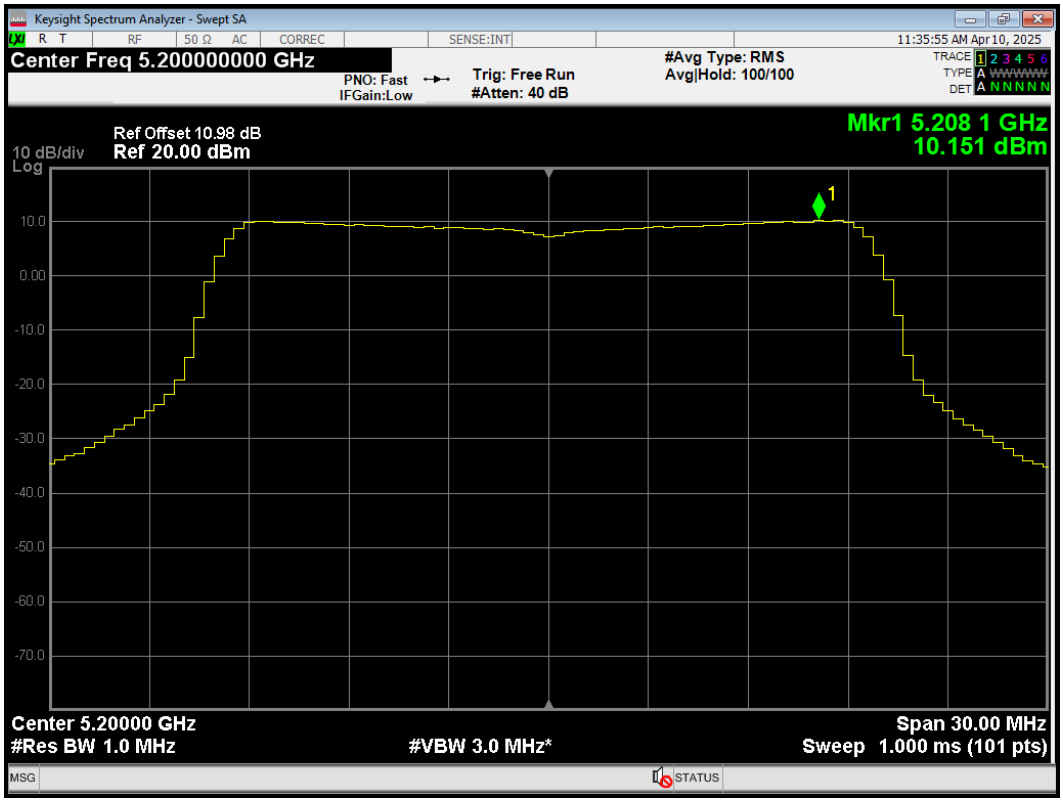
PSD 802.11ax(HE20) 5200MHz Ant2



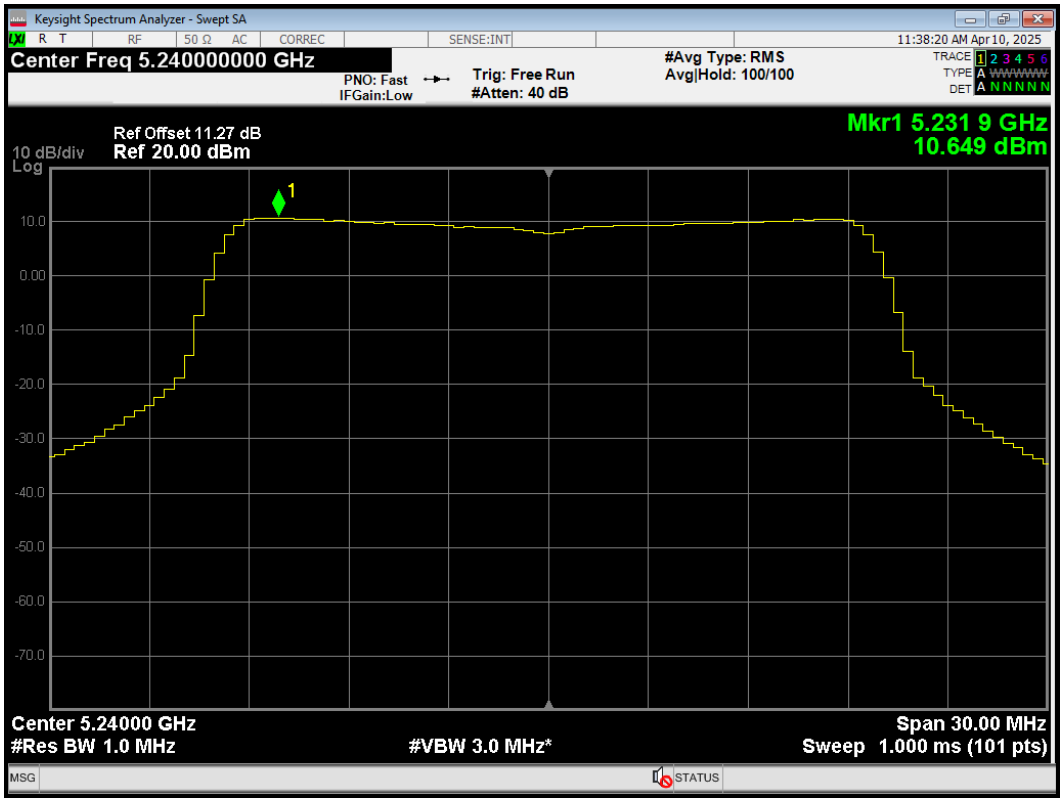
PSD 802.11ax(HE20) 5200MHz Ant3



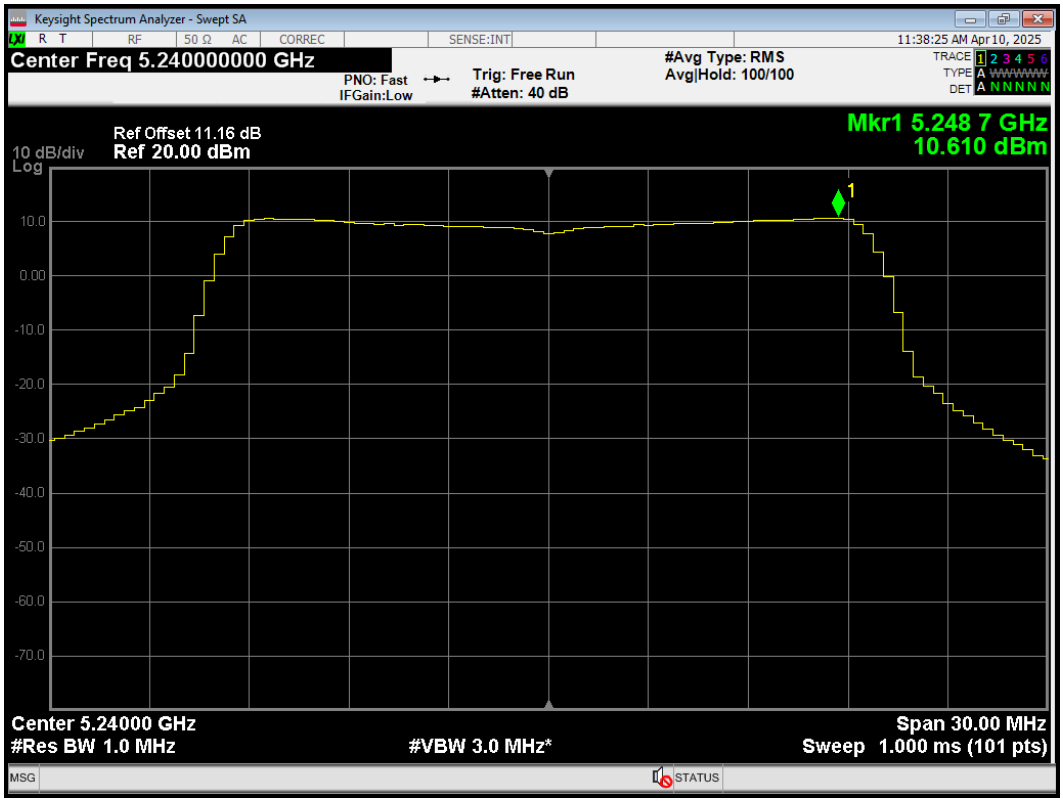
PSD 802.11ax(HE20) 5200MHz Ant4



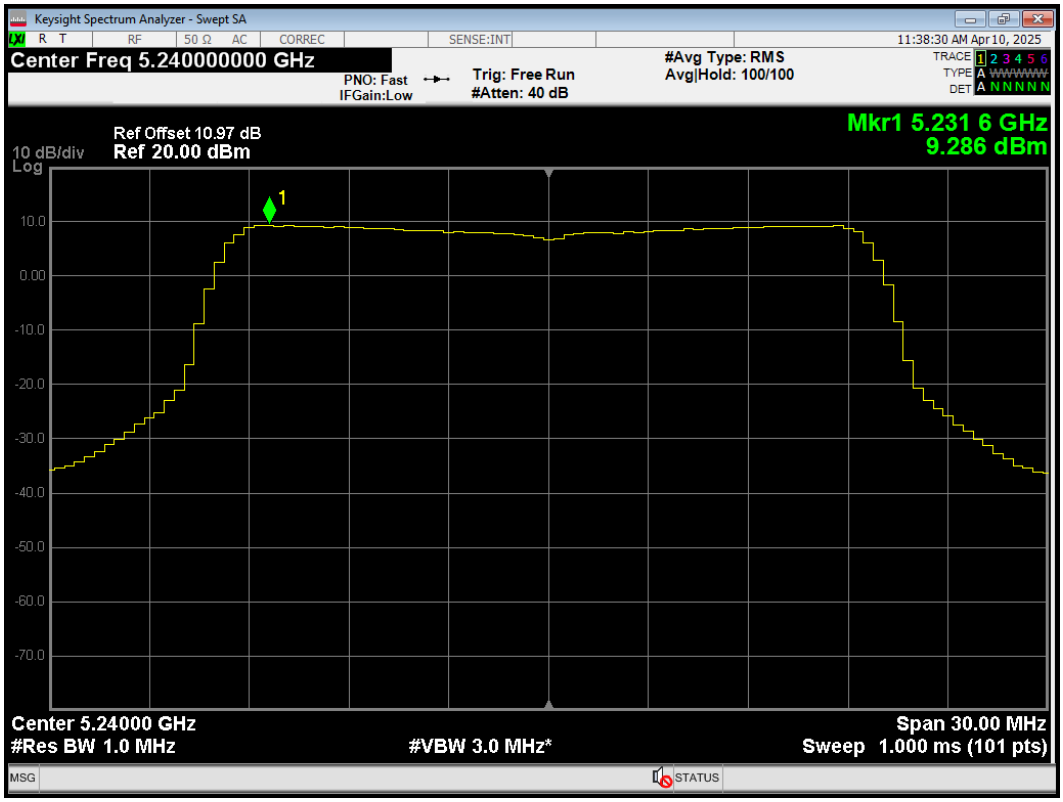
PSD 802.11ax(HE20) 5240MHz Ant1



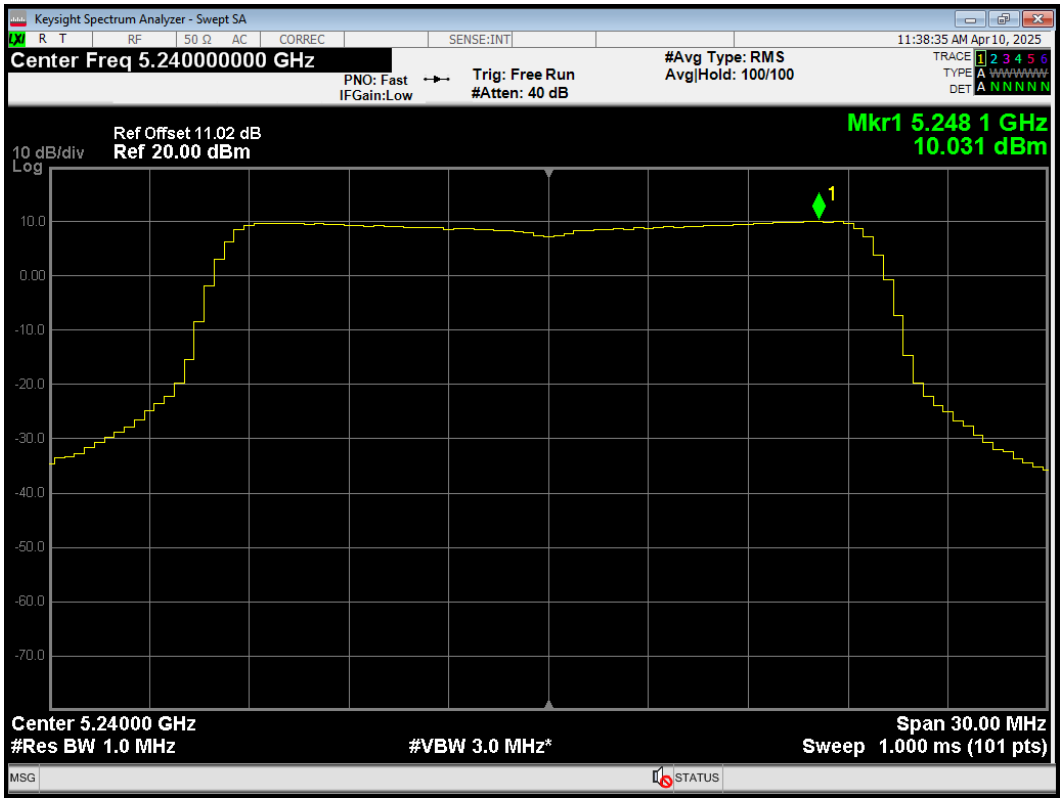
PSD 802.11ax(HE20) 5240MHz Ant2



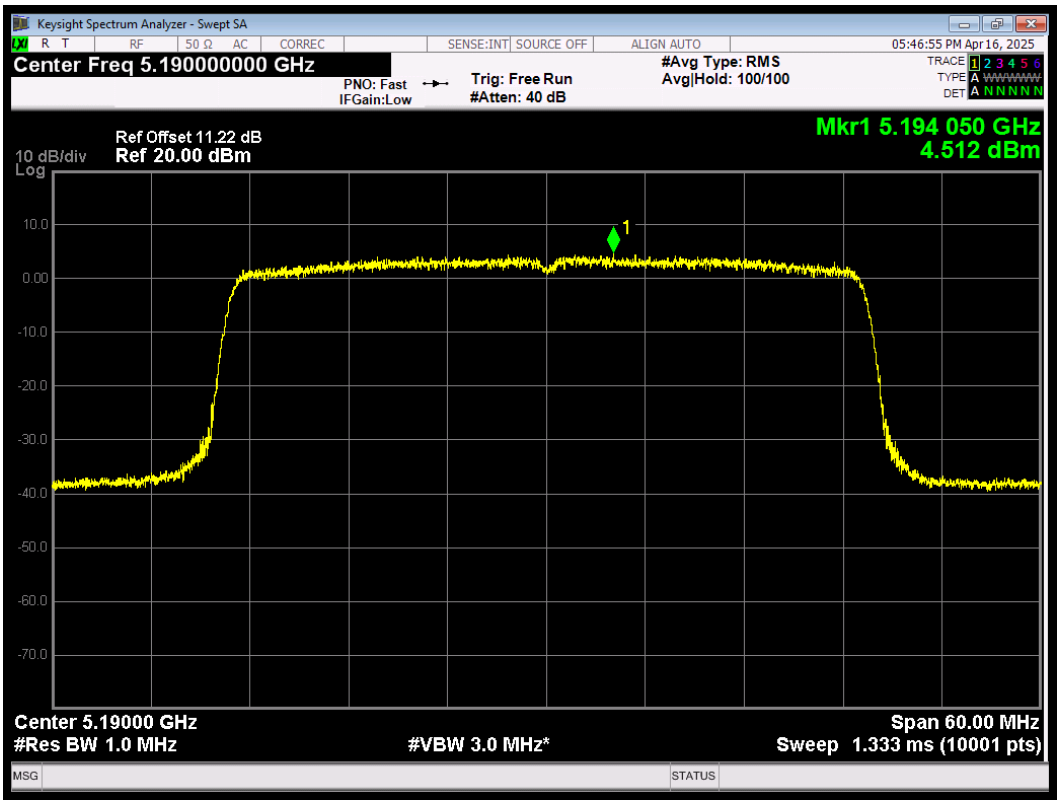
PSD 802.11ax(HE20) 5240MHz Ant3



PSD 802.11ax(HE20) 5240MHz Ant4



PSD 802.11ax(HE40) 5190MHz Ant1



PSD 802.11ax(HE40) 5190MHz Ant2