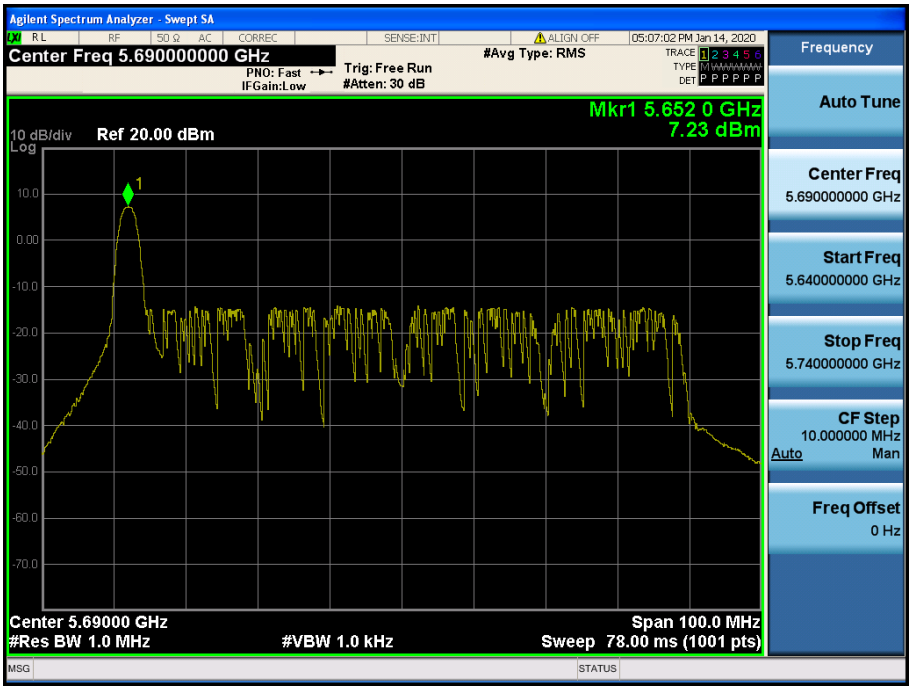
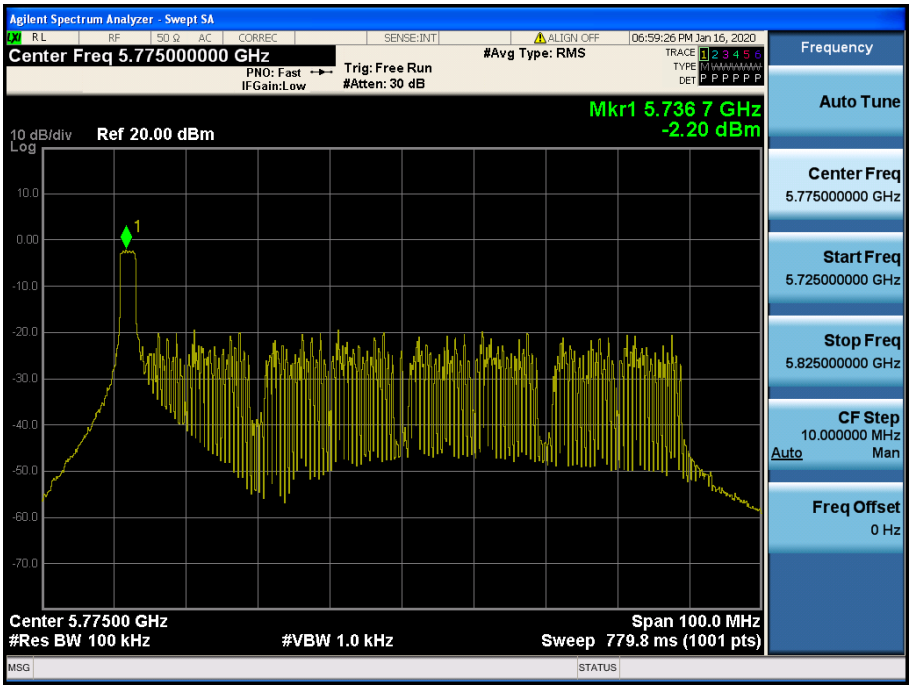
Maximum Power Spectral Density

Test Mode: 802.11ax HE80 & ANT 1 & T26 & 0RU & Ch.138



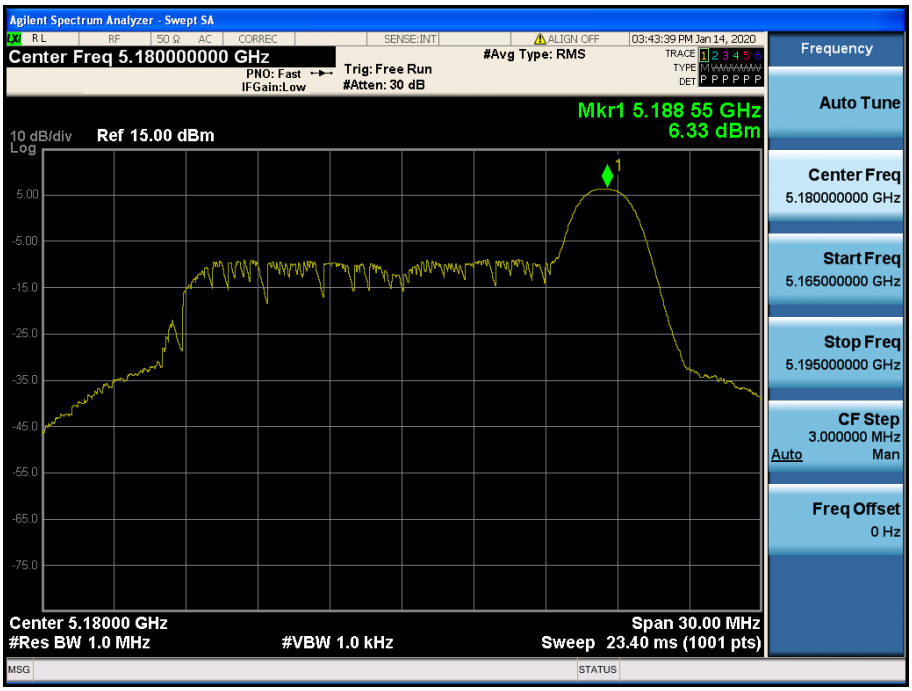
Maximum Power Spectral Density

Test Mode: 802.11ax HE80 & ANT 1 & T26 & 0RU & Ch.155

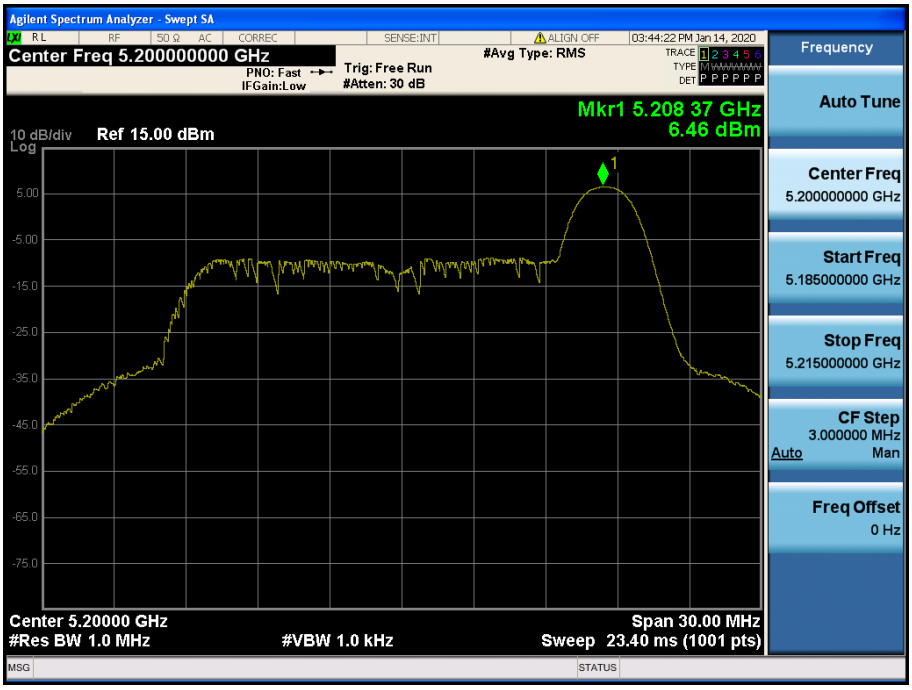


- Power spectral density: CDD-Antenna 2

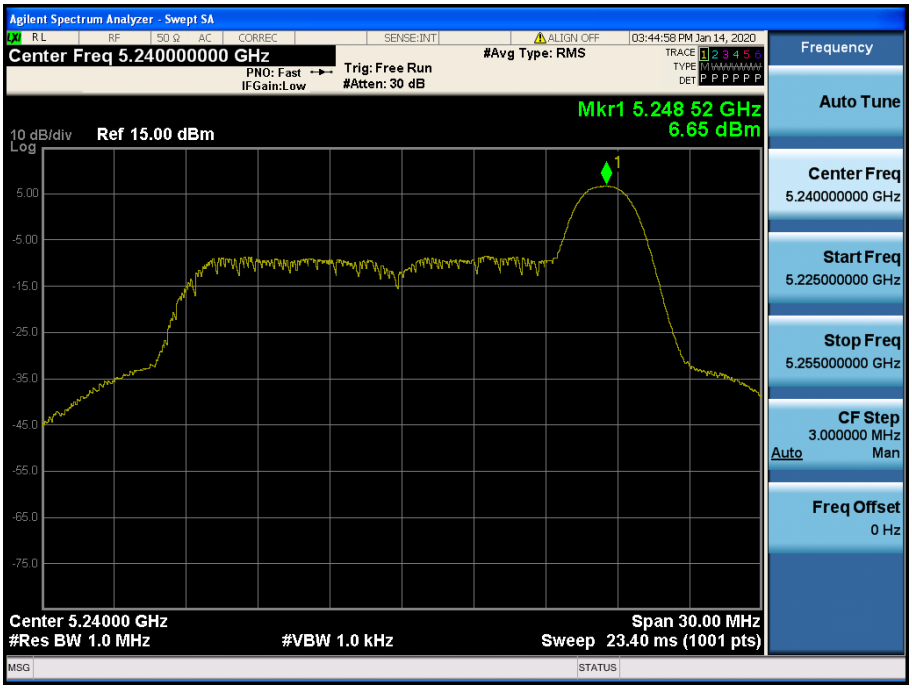
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.36



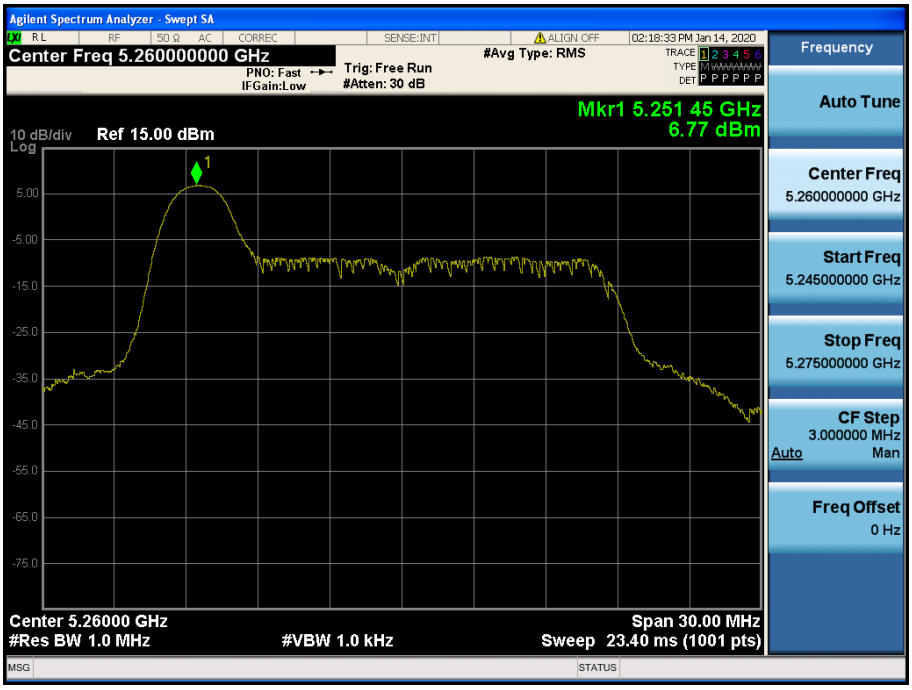
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.40



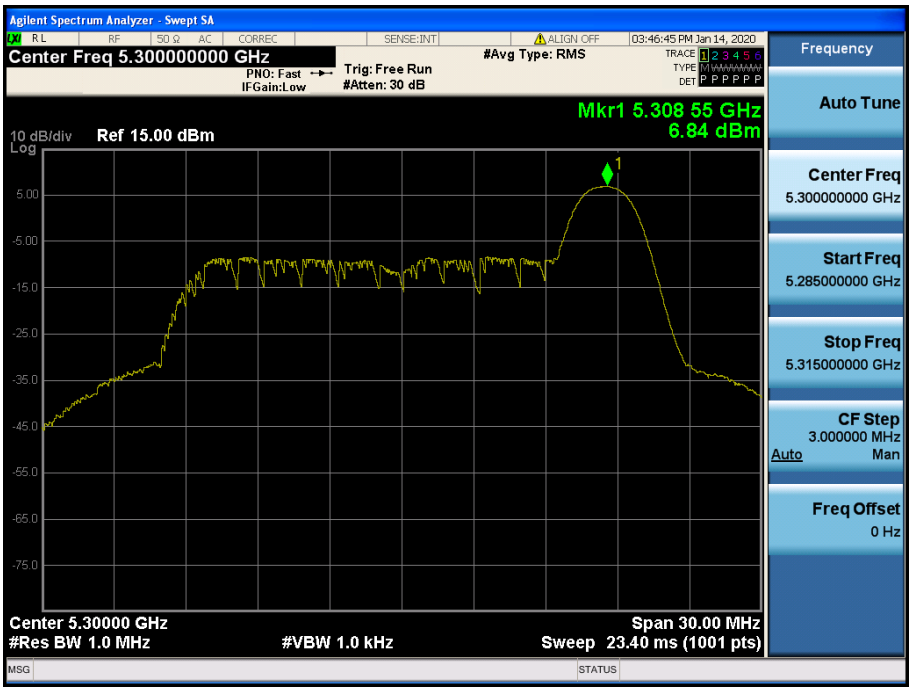
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.48



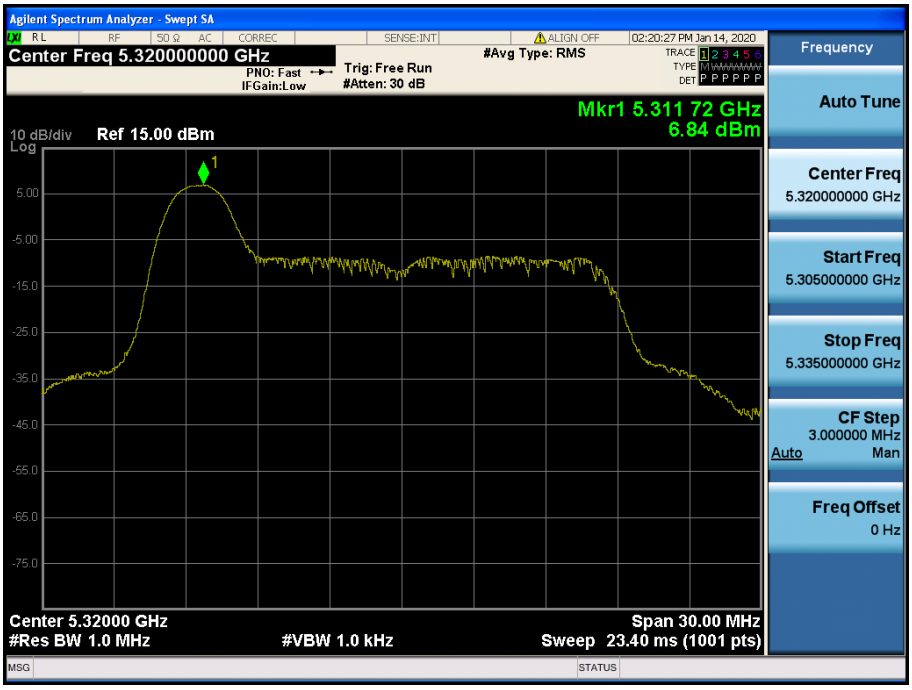
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 0RU & Ch.52



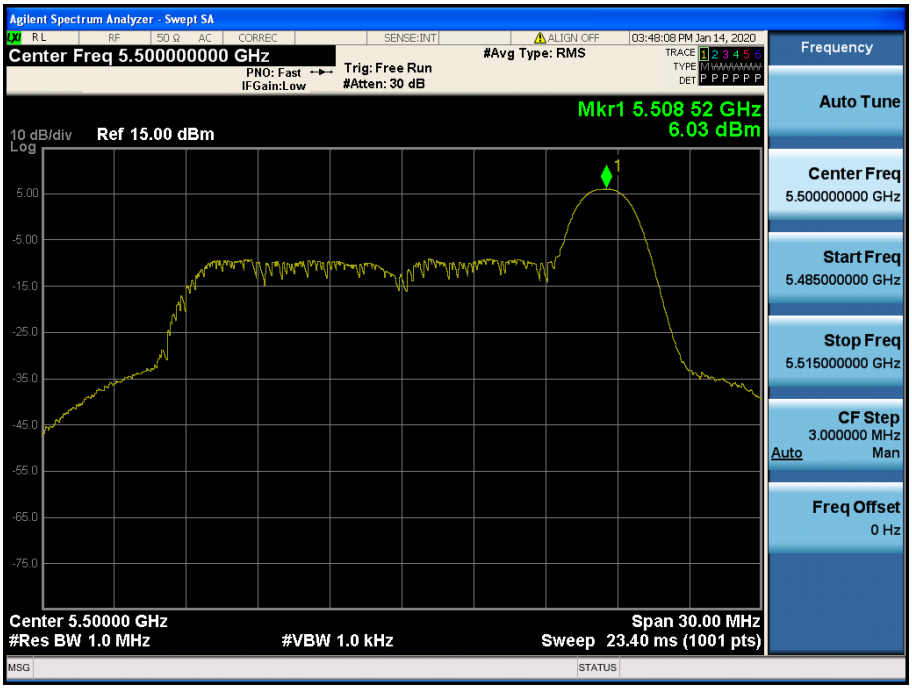
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.60



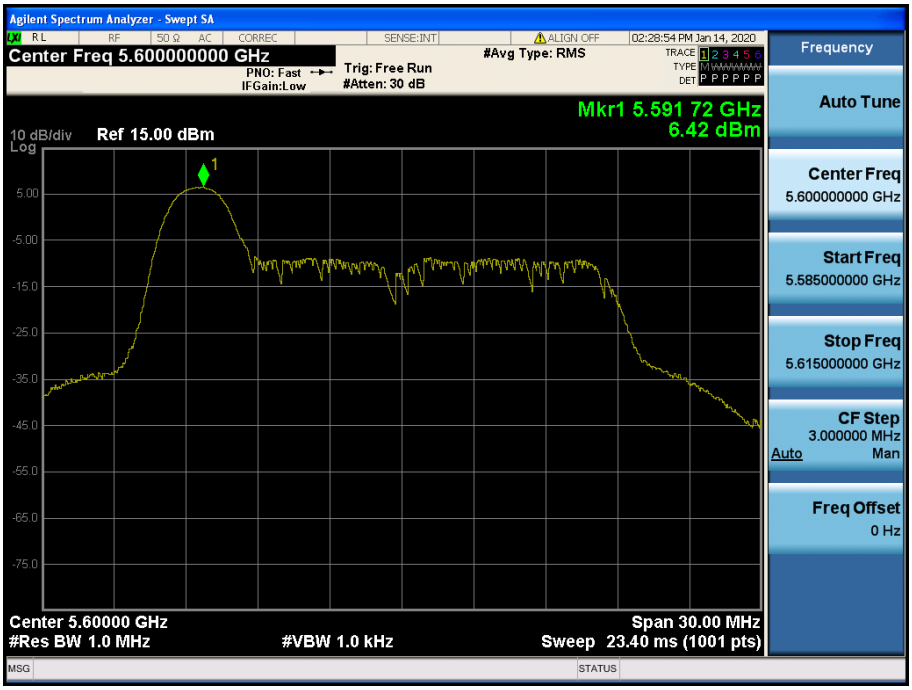
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 0RU & Ch.64



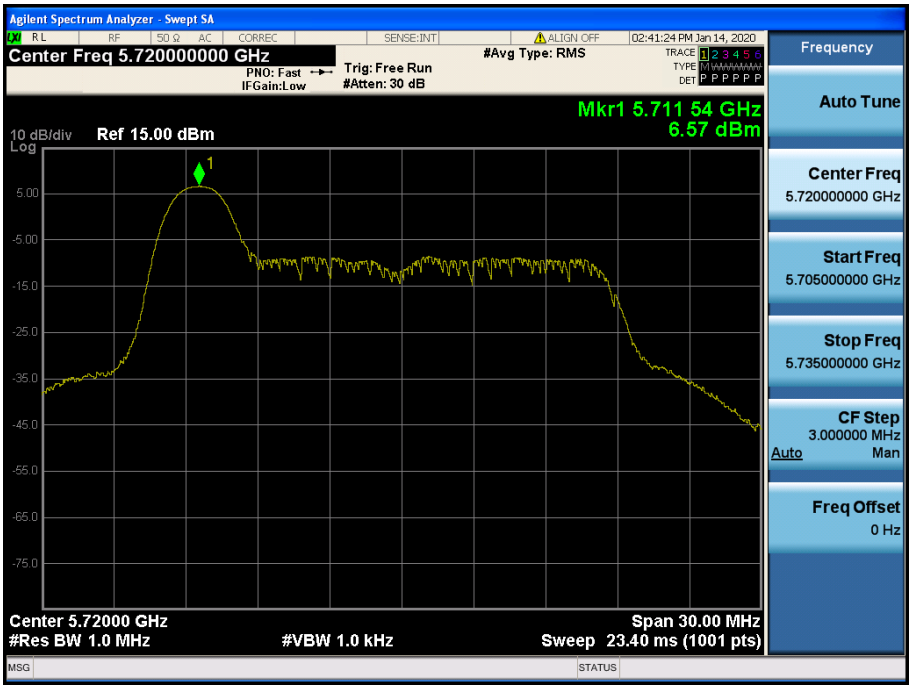
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.100



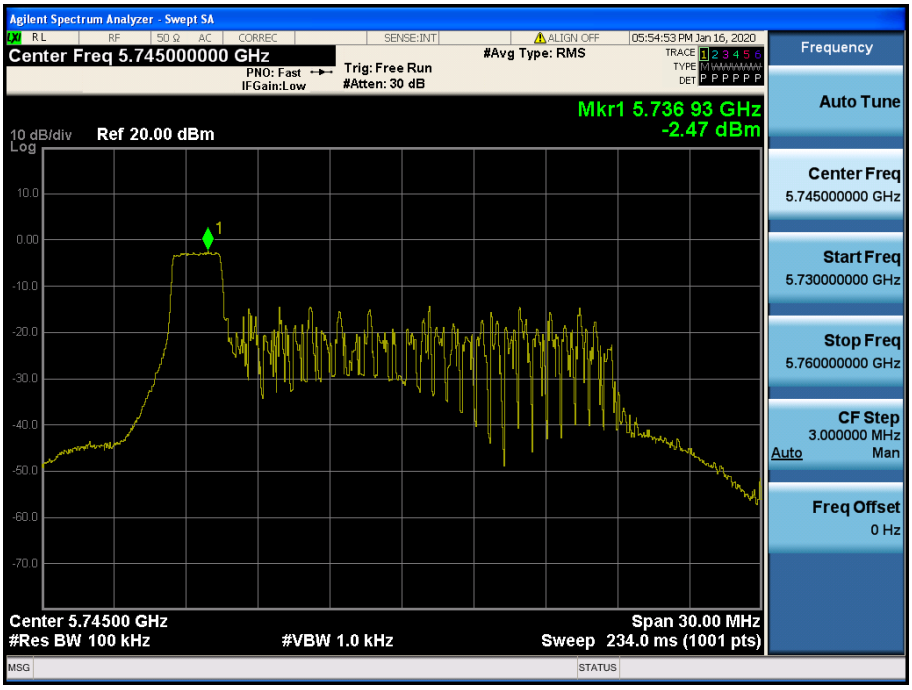
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 0RU & Ch.120



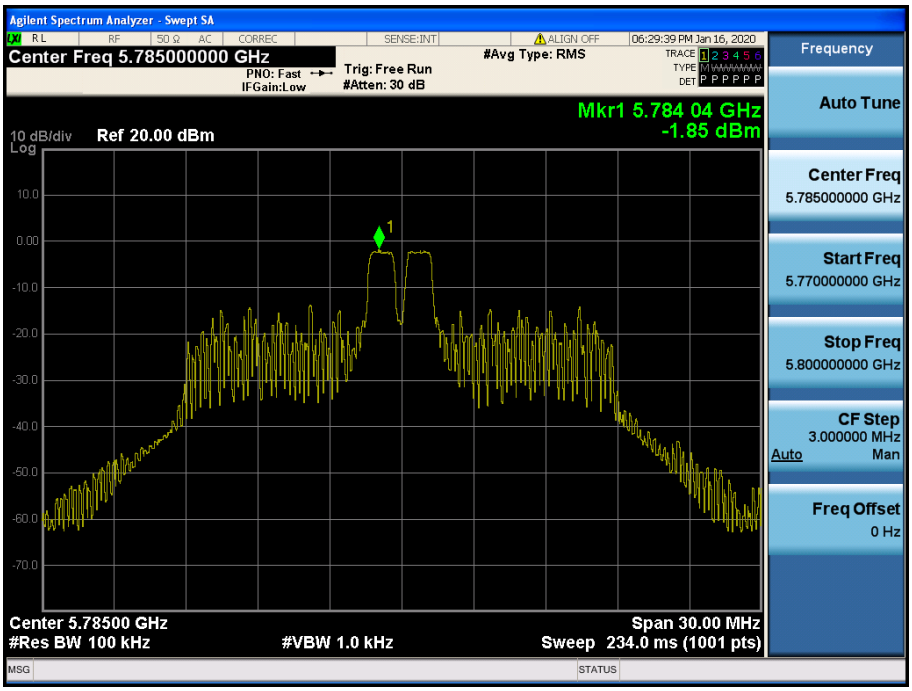
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 0RU & Ch.144



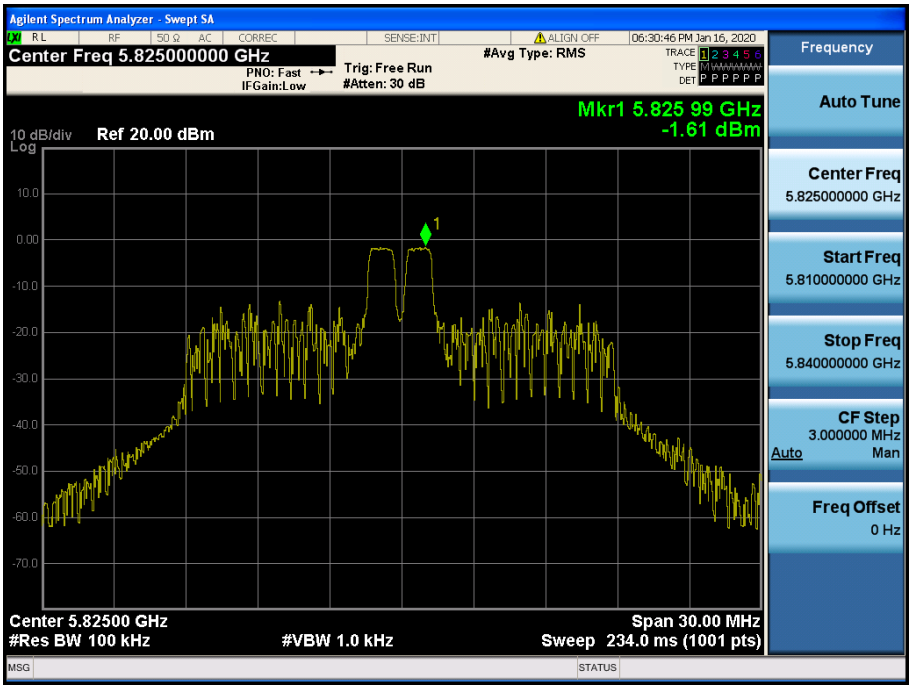
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 0RU & Ch.149



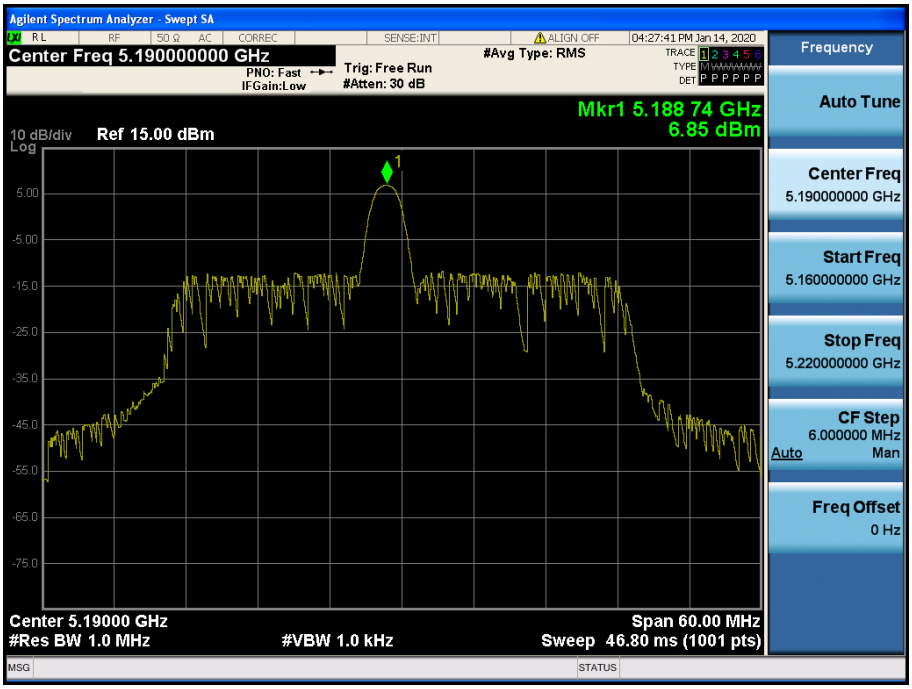
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 4RU & Ch.157



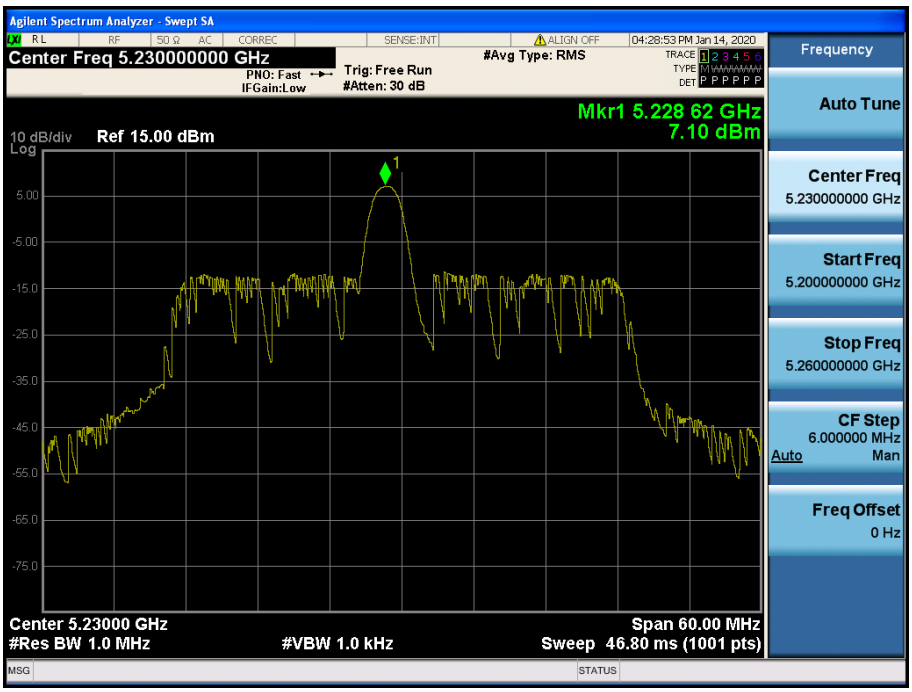
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 4RU & Ch.165



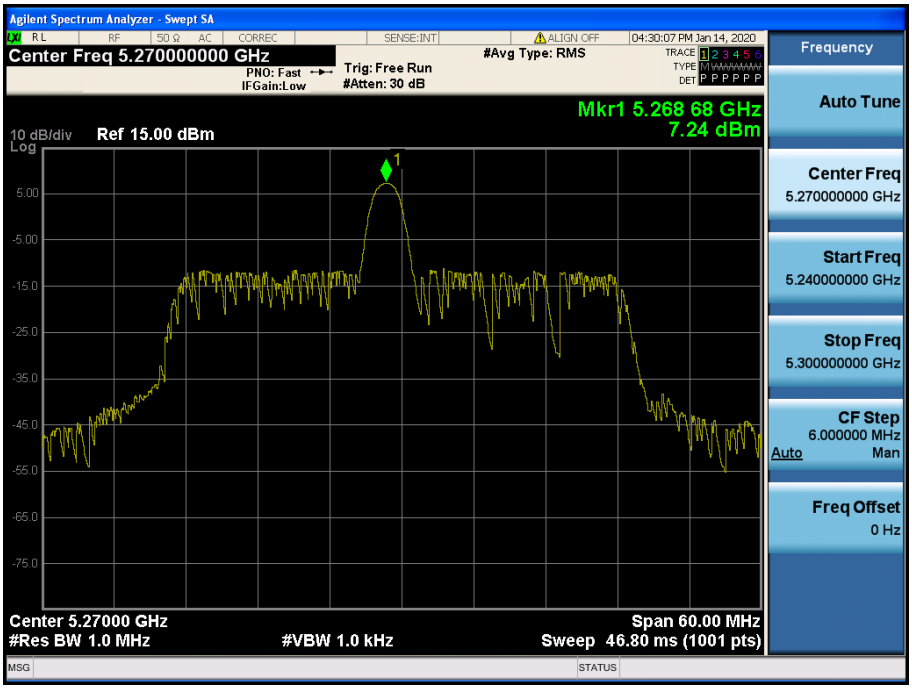
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.38



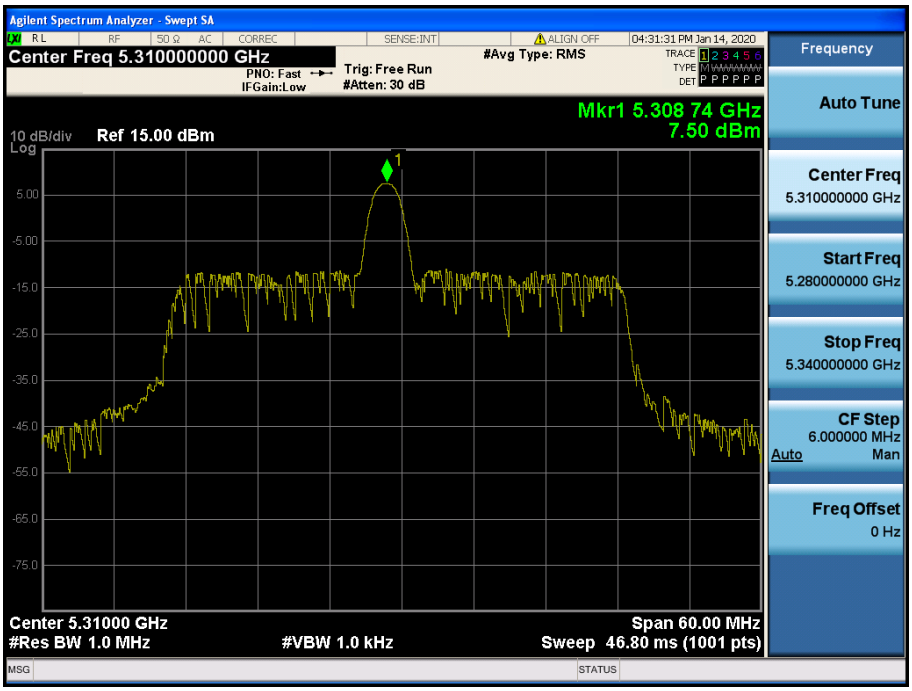
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.46



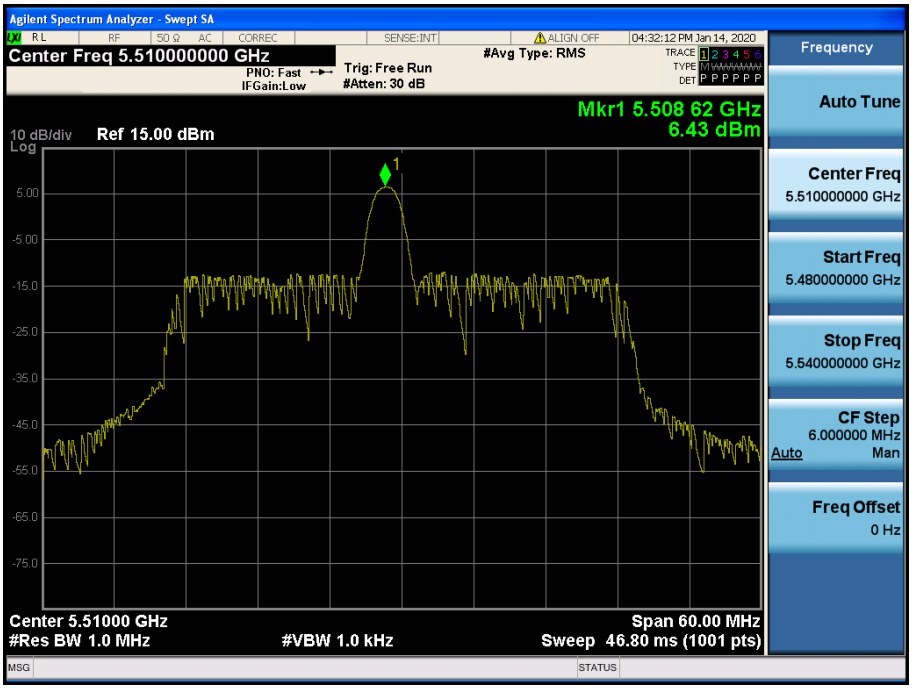
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.54



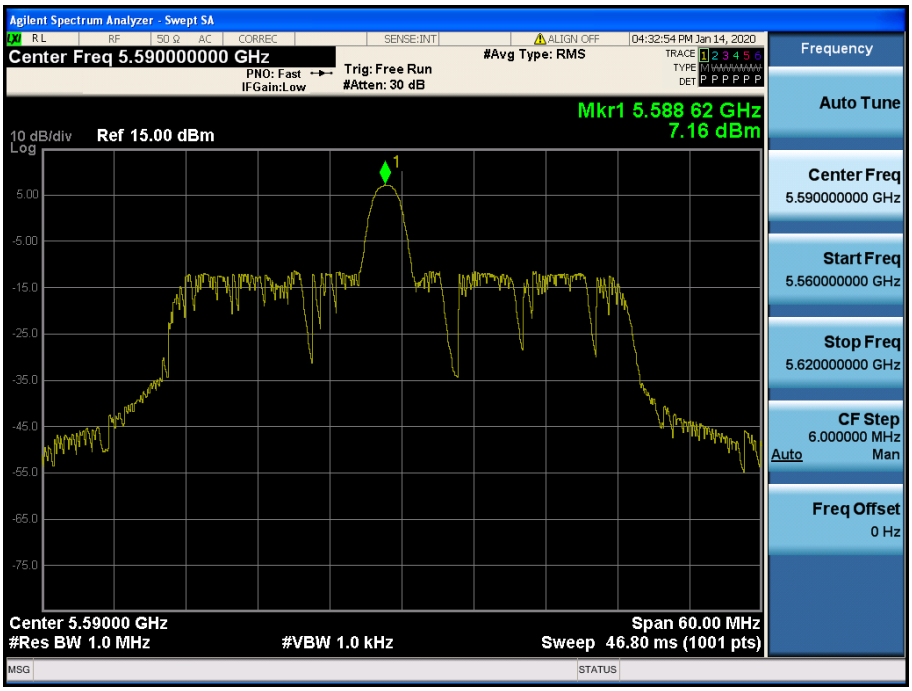
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.62



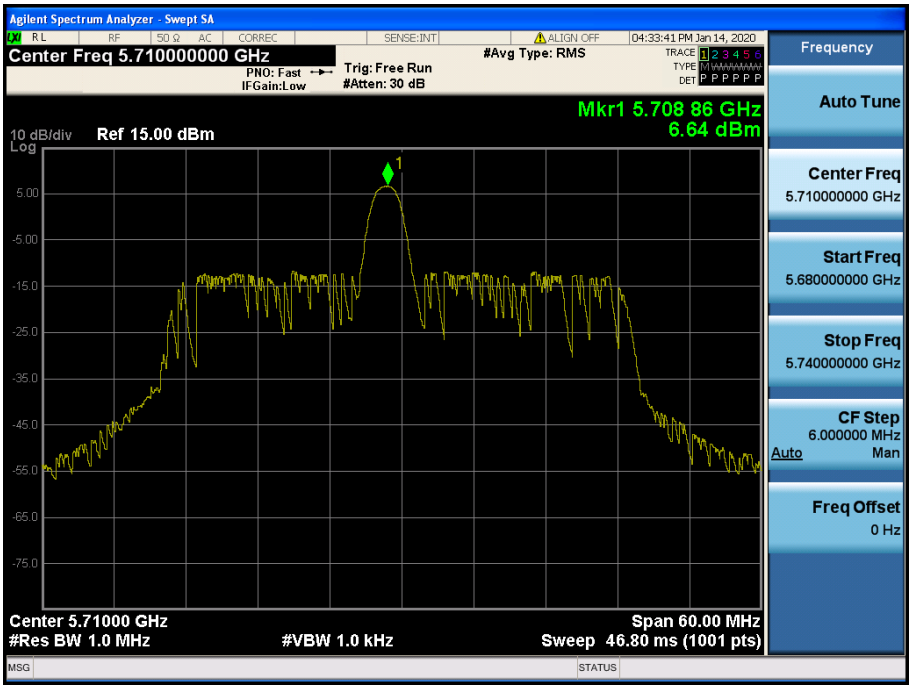
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.102



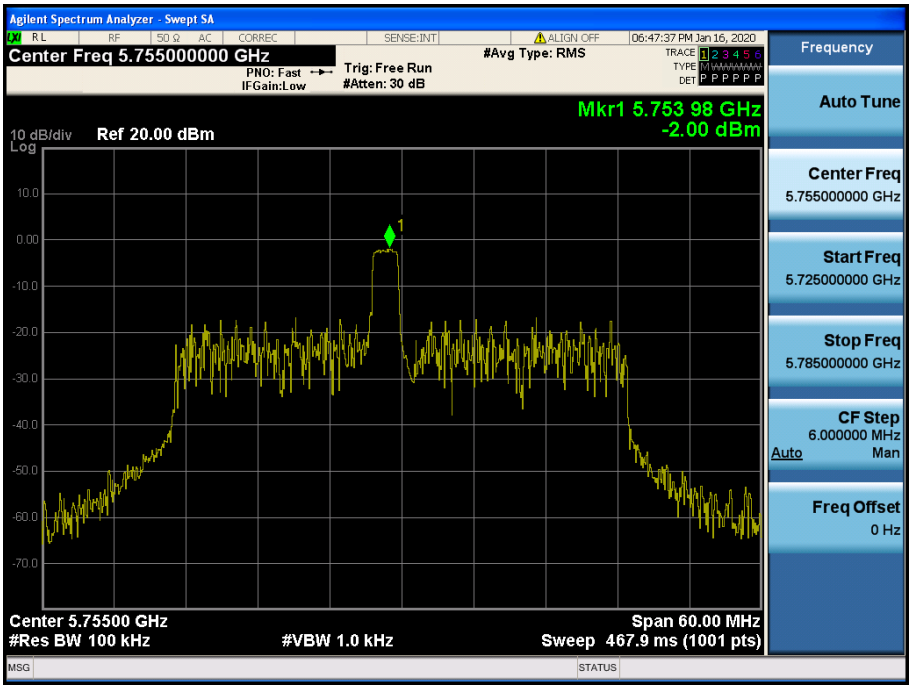
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.118



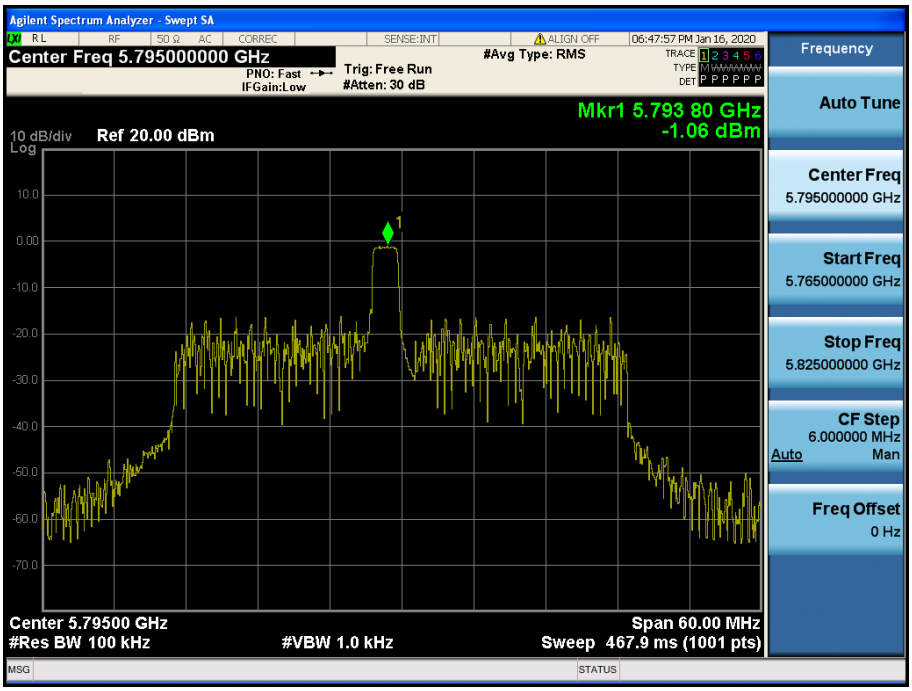
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.142



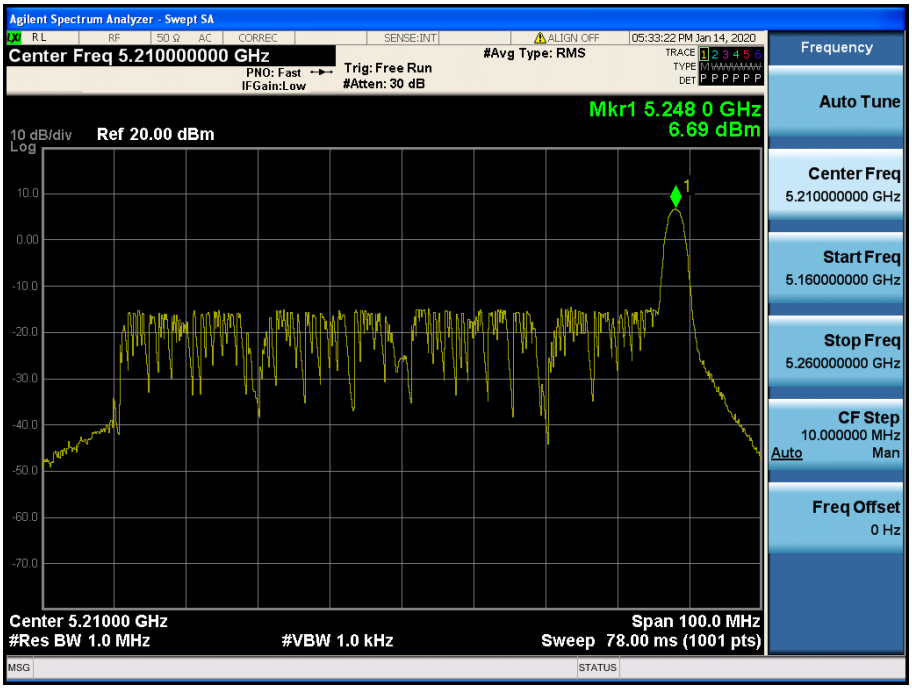
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.151



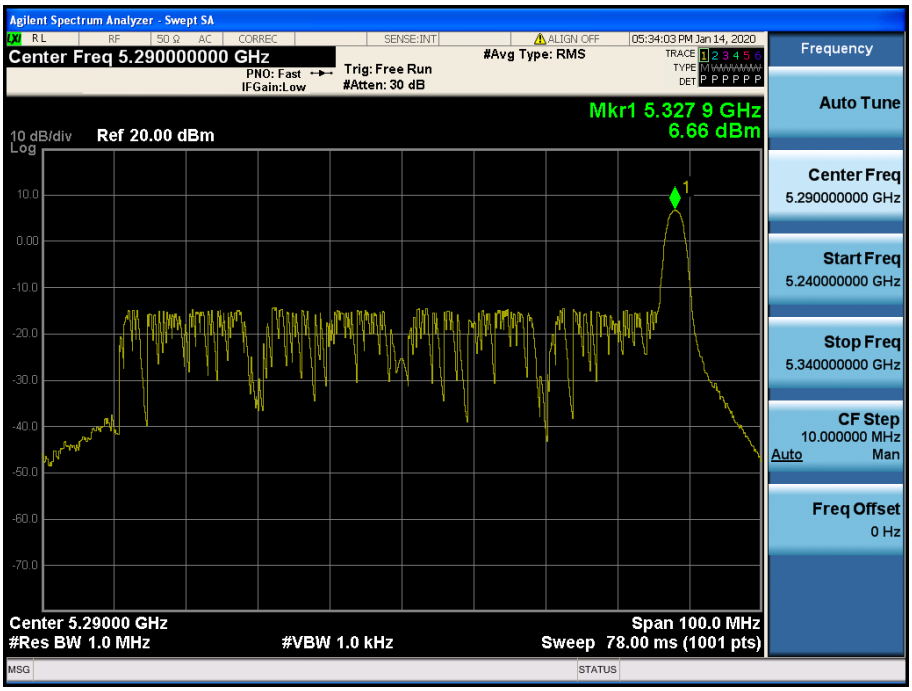
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.159



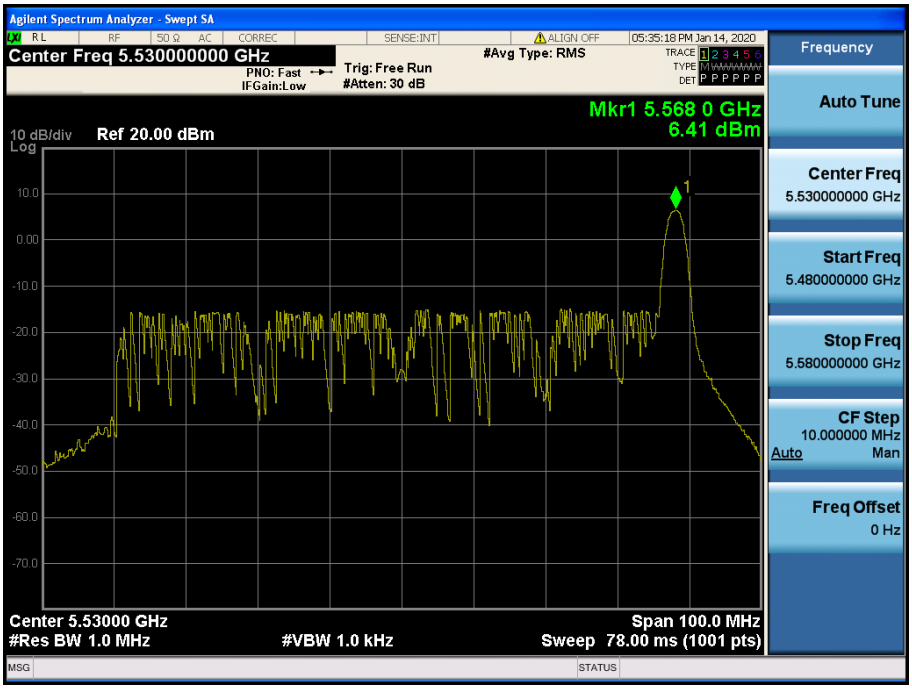
Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 36RU & Ch.42



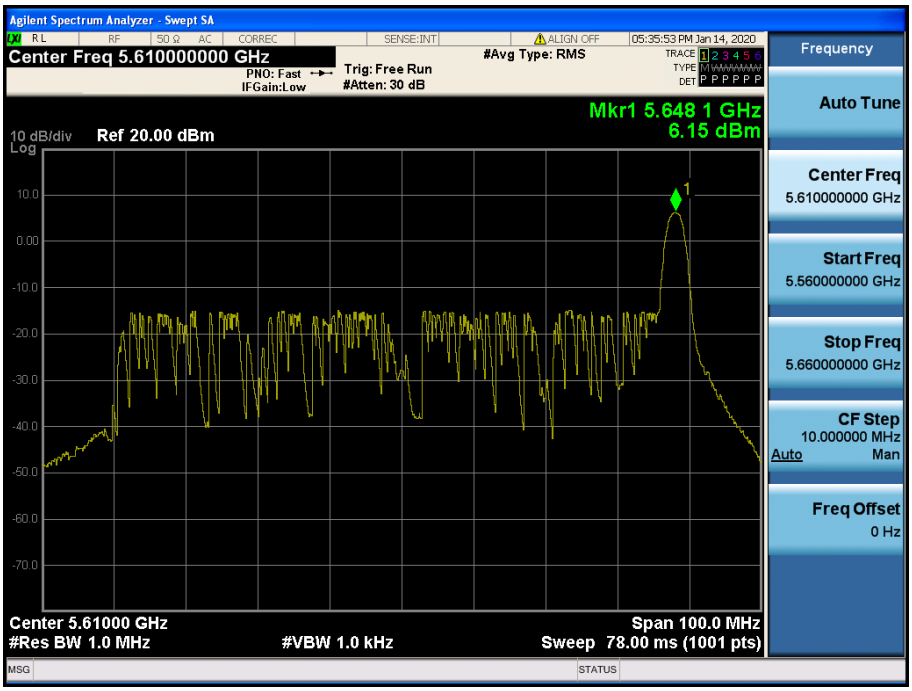
Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 36RU & Ch.58



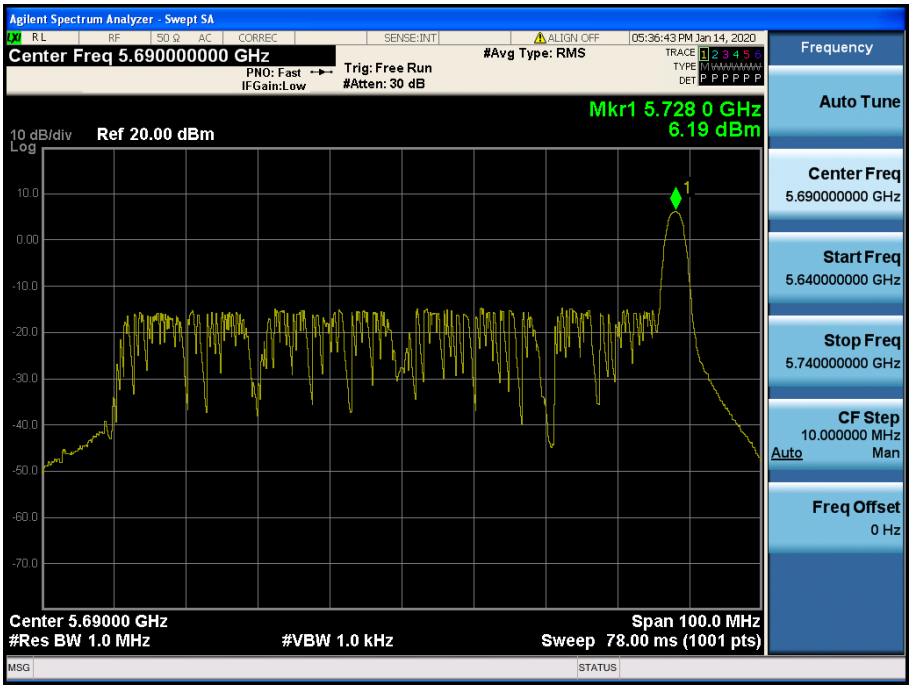
Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 36RU & Ch.106



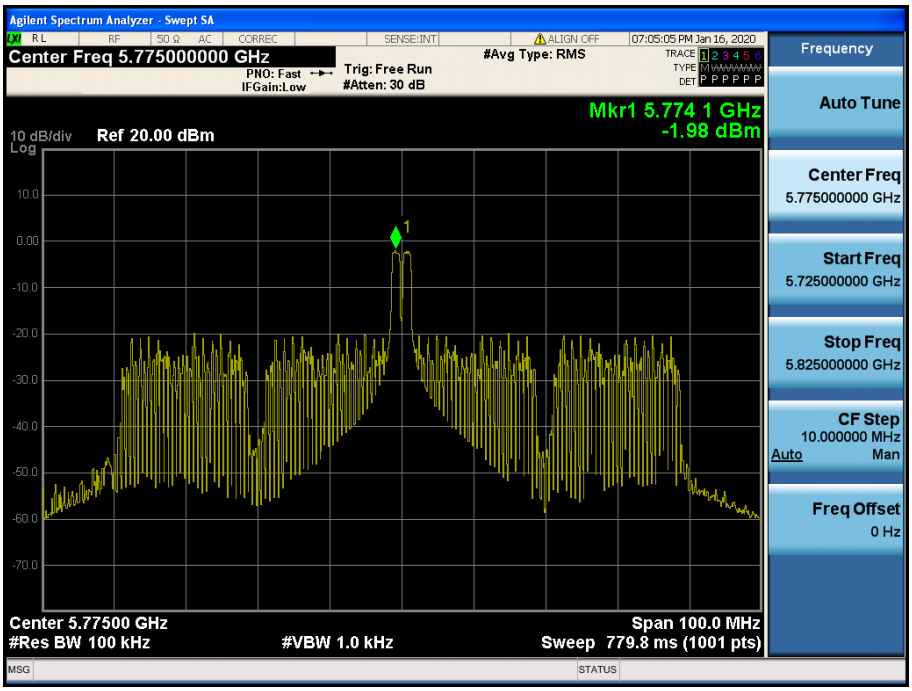
Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 36RU & Ch.122



Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 36RU & Ch.138



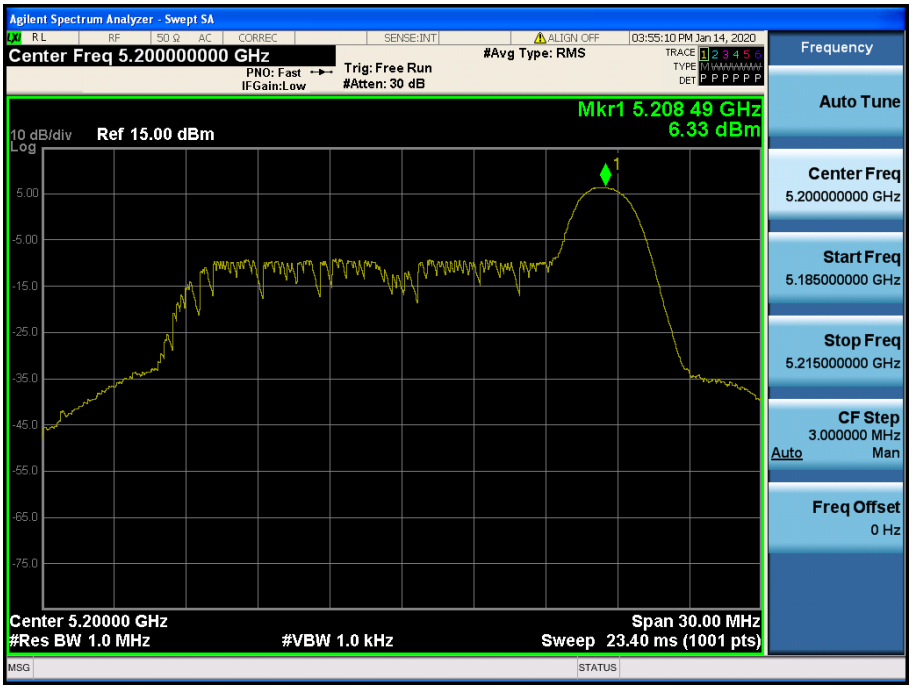
Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 1 & T26 & 18RU & Ch.155



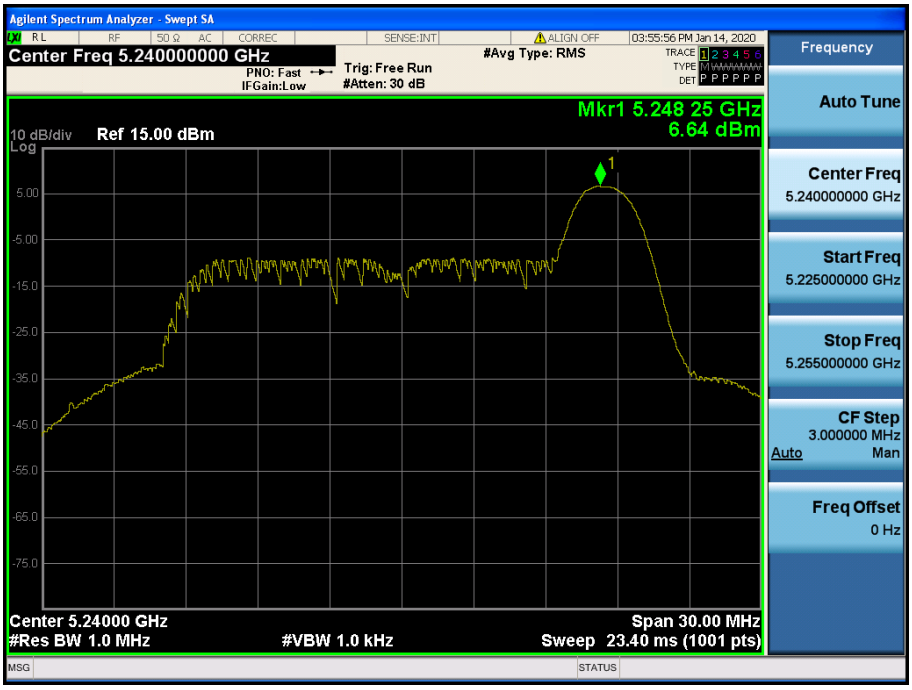
- Power spectral density: SDM-Antenna 1

Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 0RU & Ch.36

Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.40

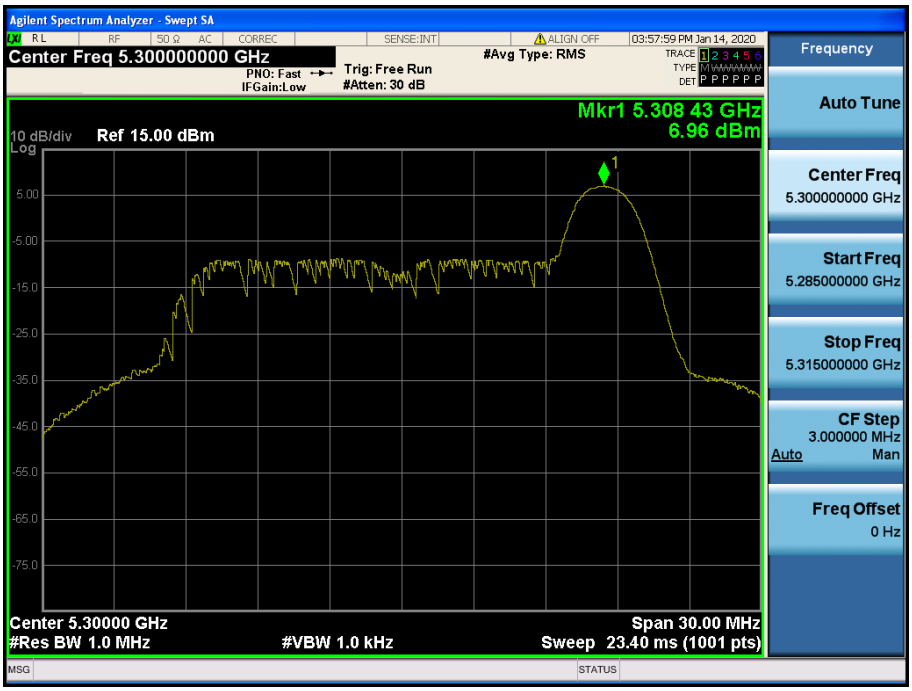


Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.48

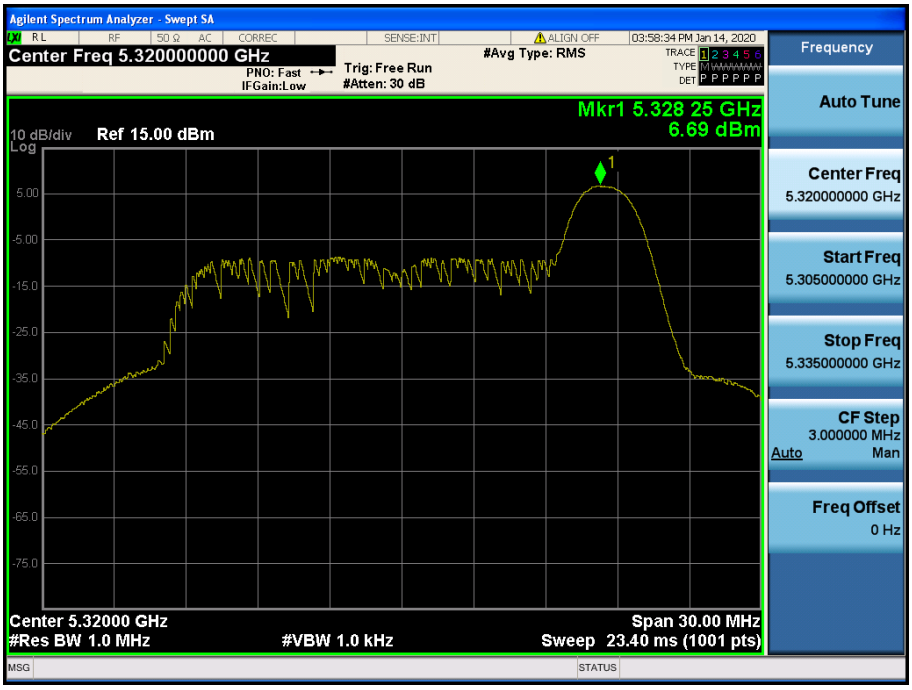


Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.52

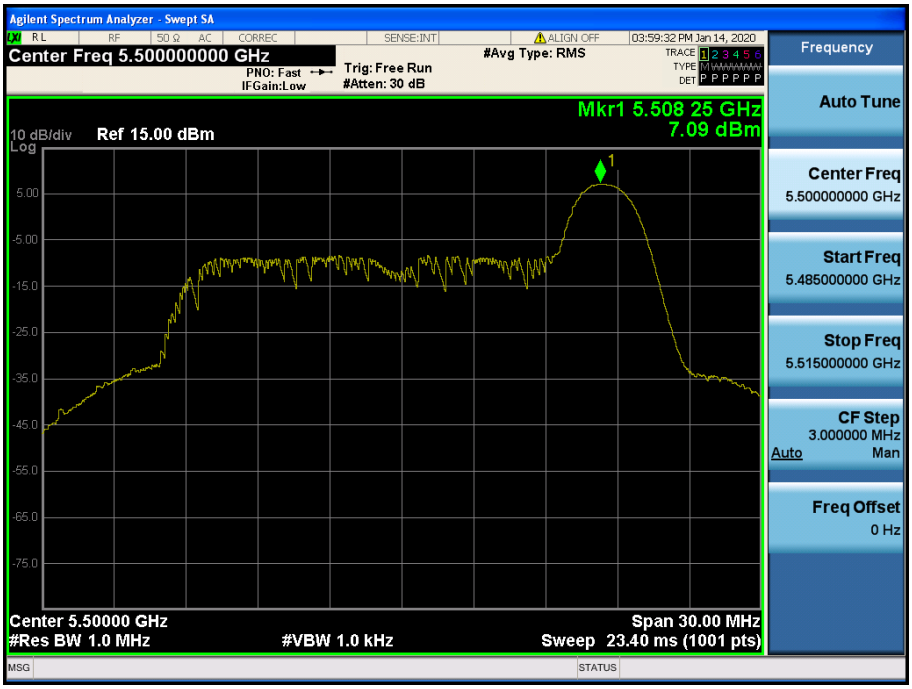
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.60



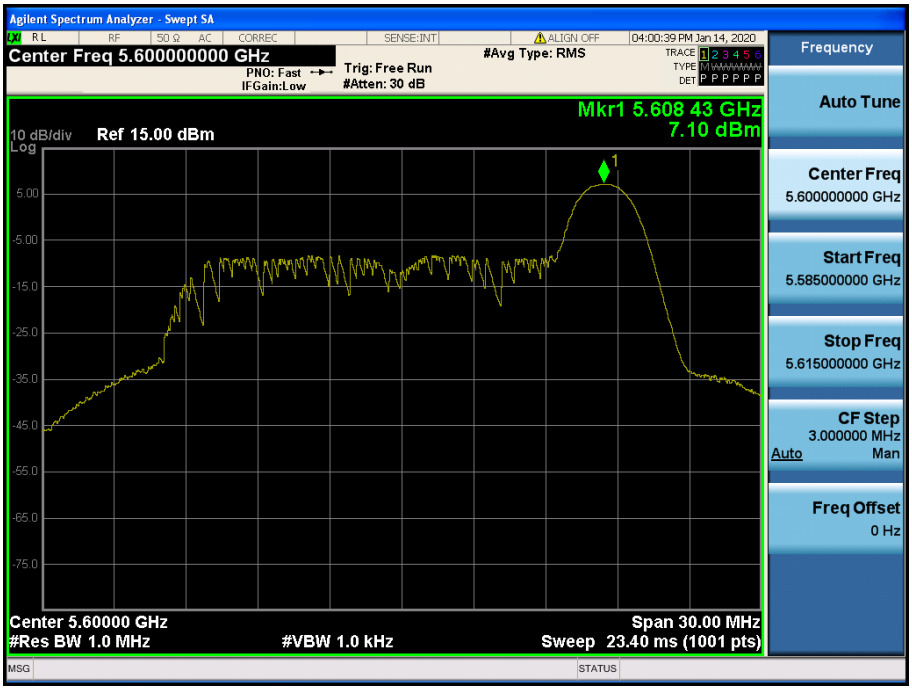
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.64



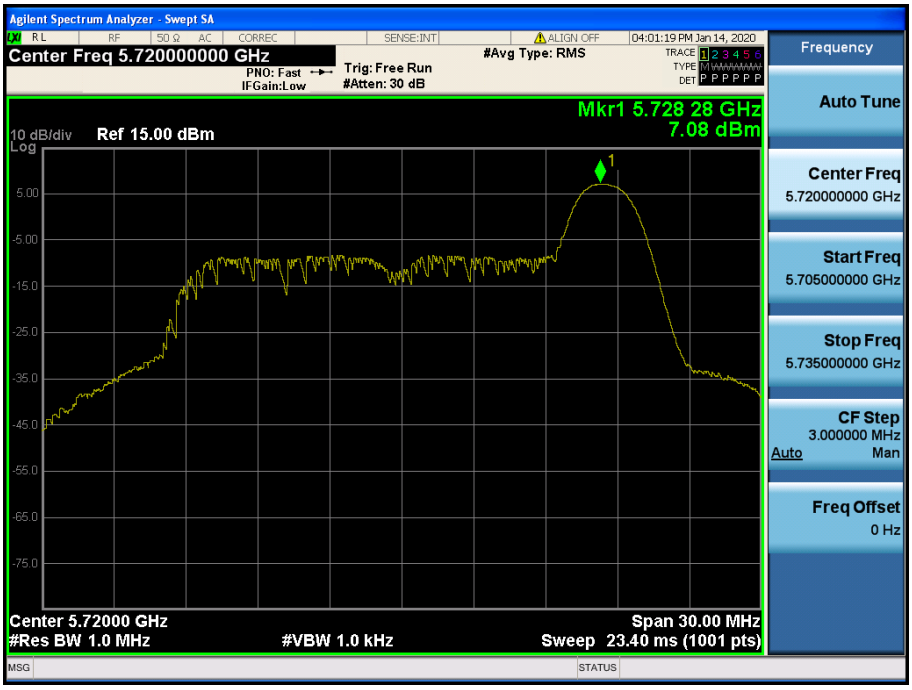
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.100



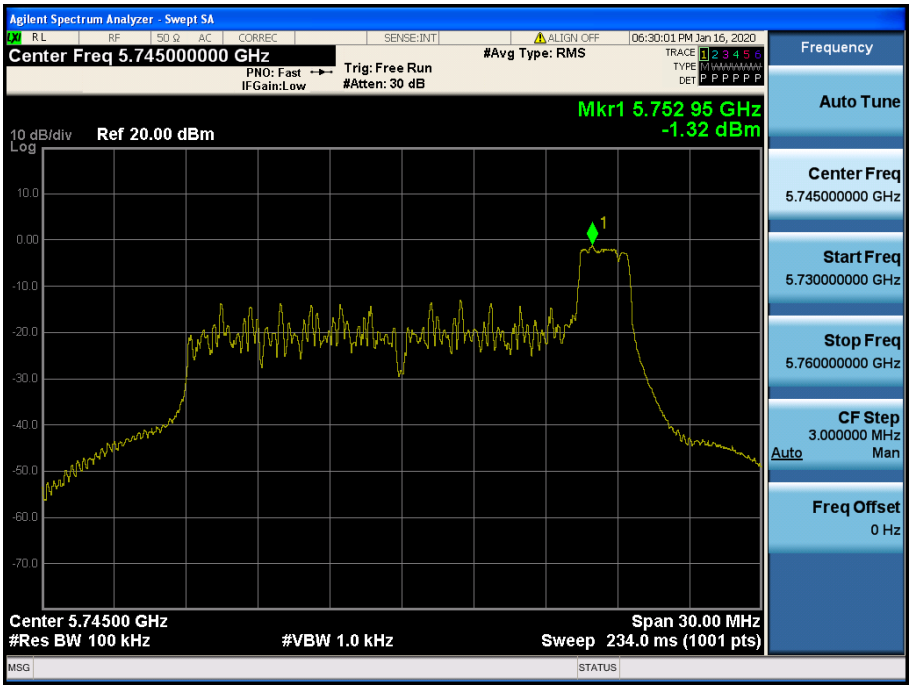
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.120



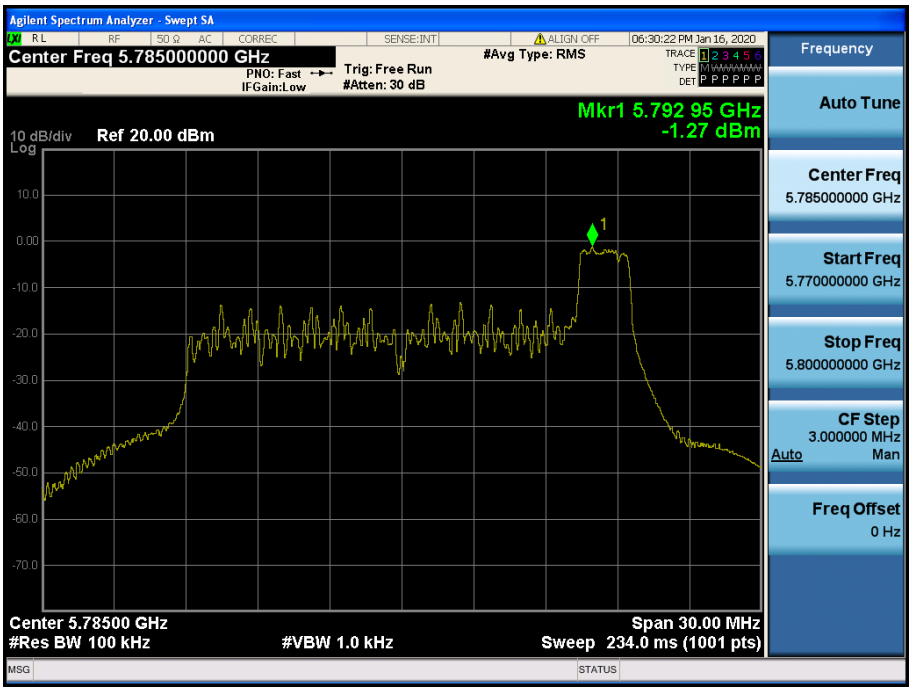
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.144



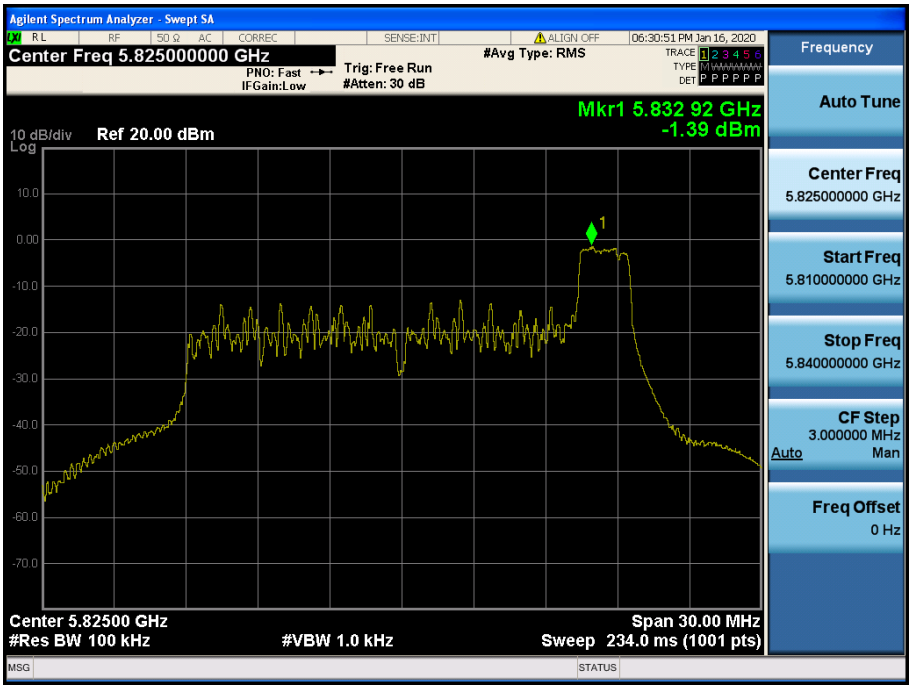
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.149



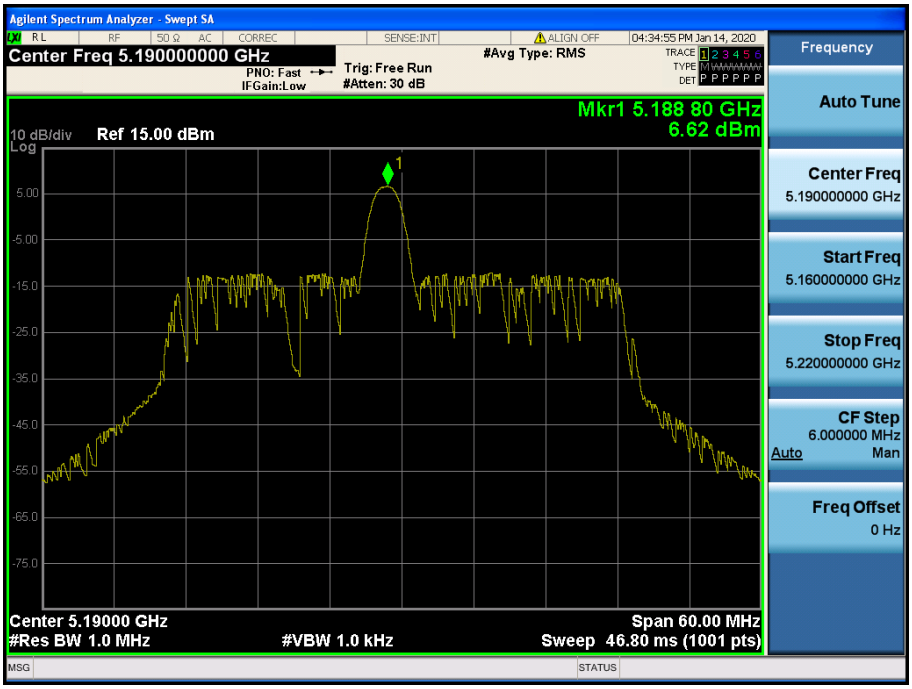
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.157



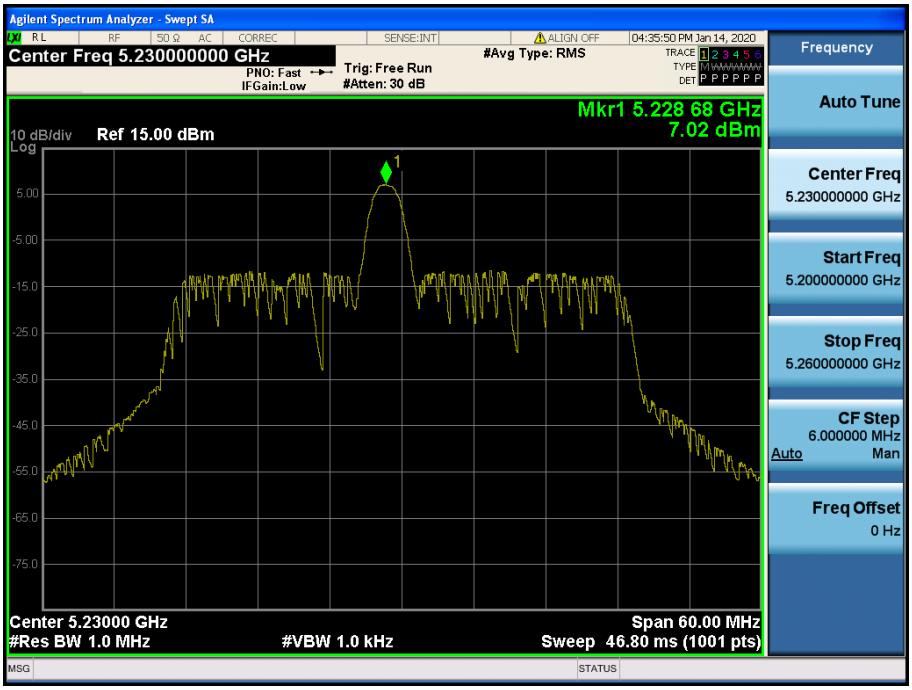
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 8RU & Ch.165



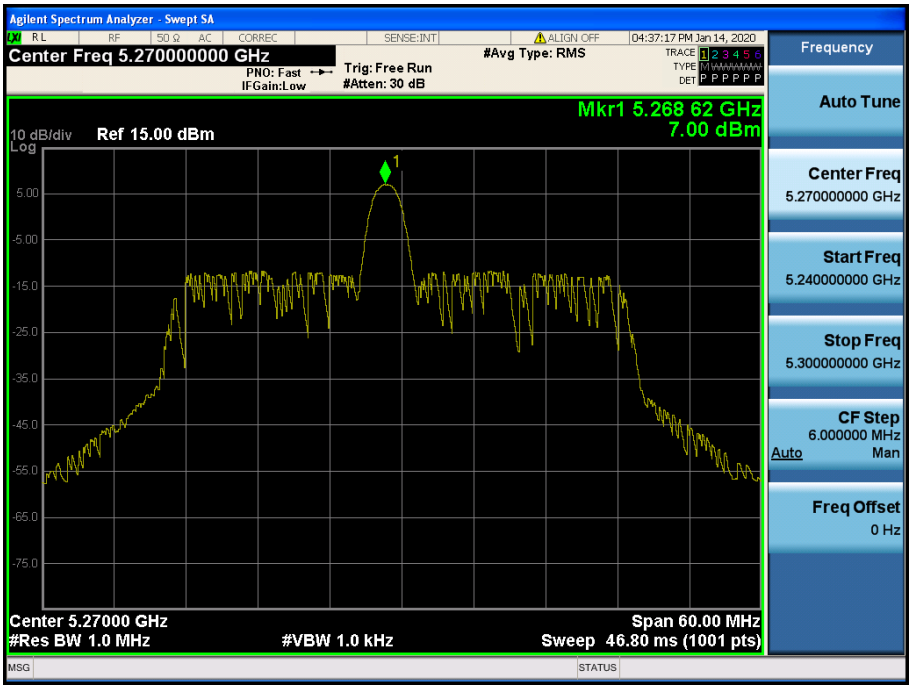
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 1 & T26 & 8RU & Ch.38



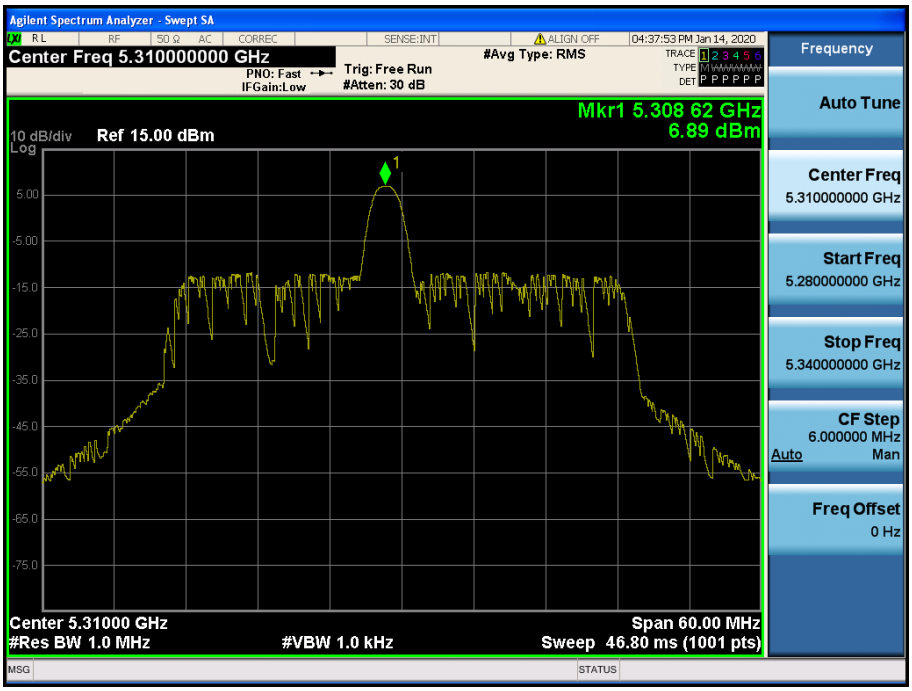
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 1 & T26 & 8RU & Ch.46



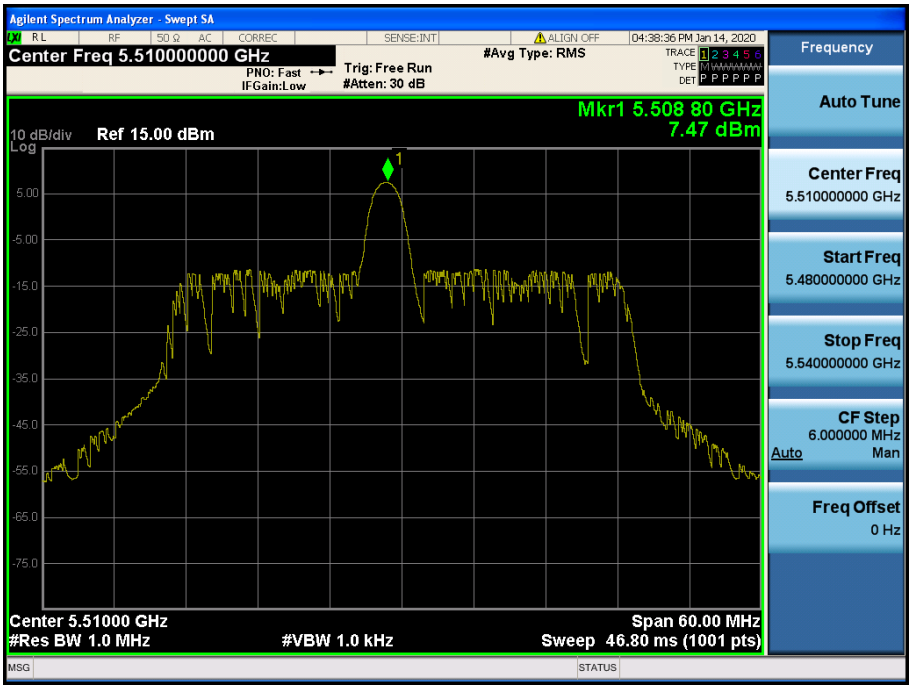
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 1 & T26 & 8RU & Ch.54



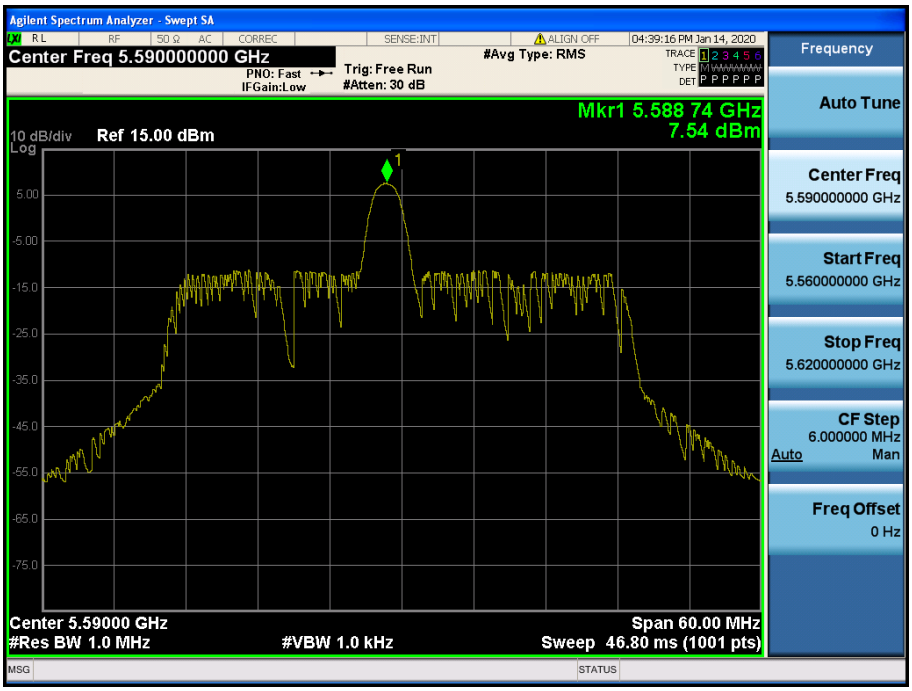
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 1 & T26 & 8RU & Ch.62



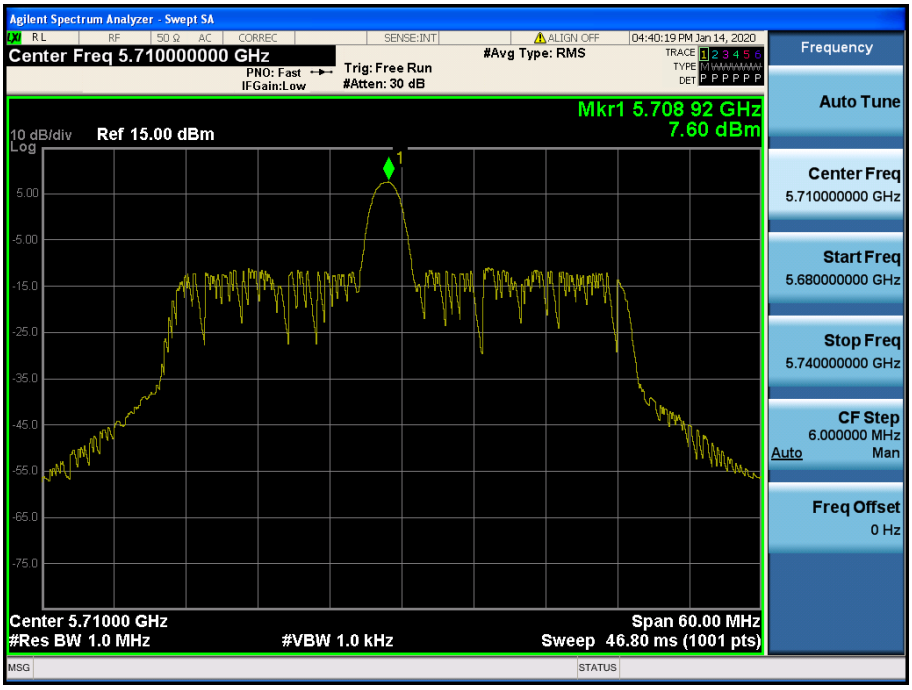
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 1 & T26 & 8RU & Ch.102



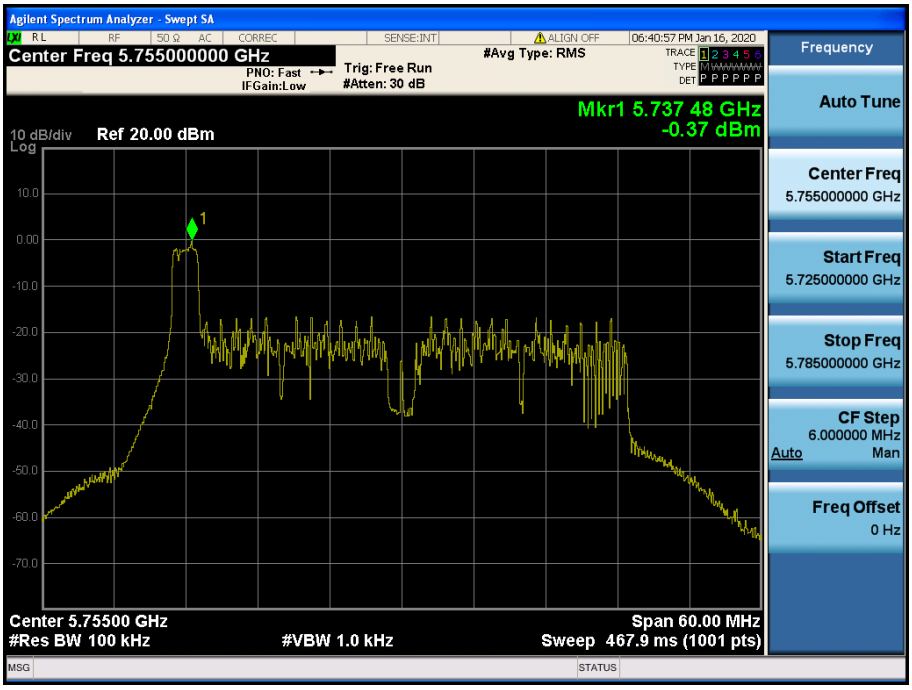
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 1 & T26 & 8RU & Ch.118



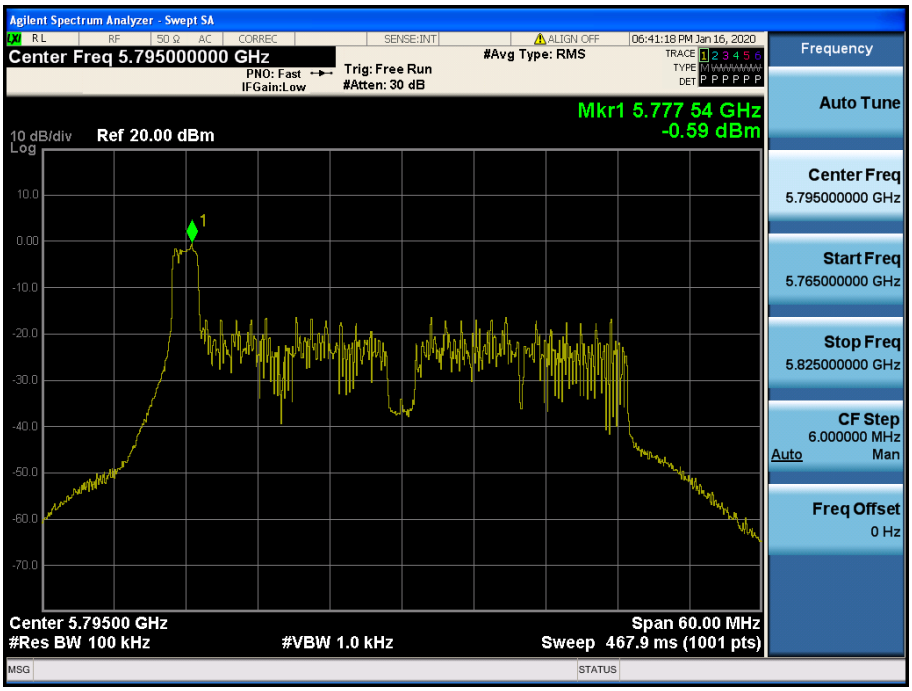
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 1 & T26 & 8RU & Ch.142



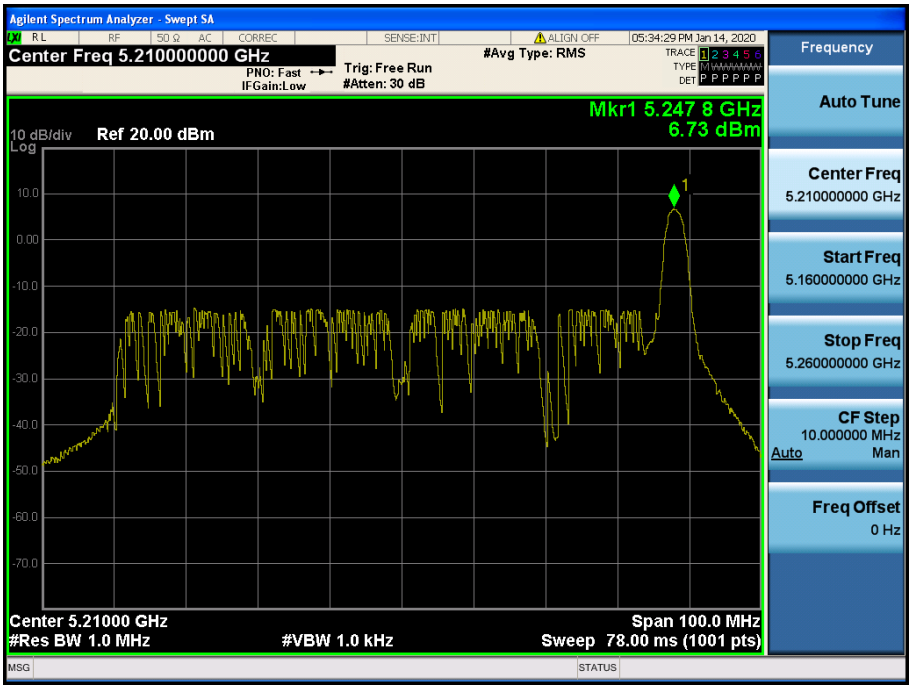
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 1 & T26 & 0RU & Ch.151



Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 1 & T26 & 0RU & Ch.159

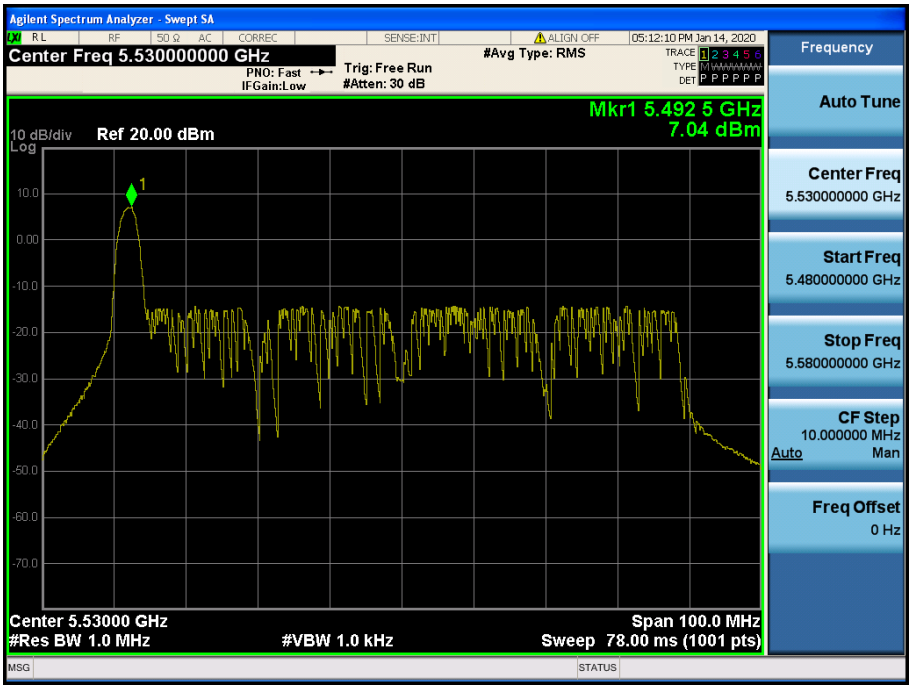


Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 1 & T26 & 36RU & Ch.42

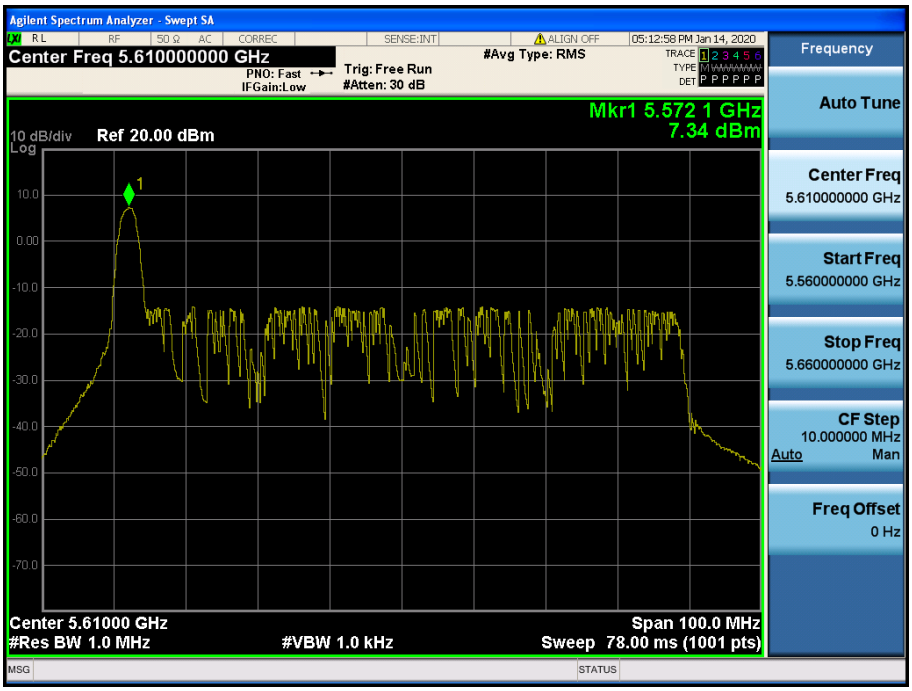


Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 1 & T26 & 0RU & Ch.58

Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 1 & T26 & 0RU & Ch.106



Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 1 & T26 & 0RU & Ch.122



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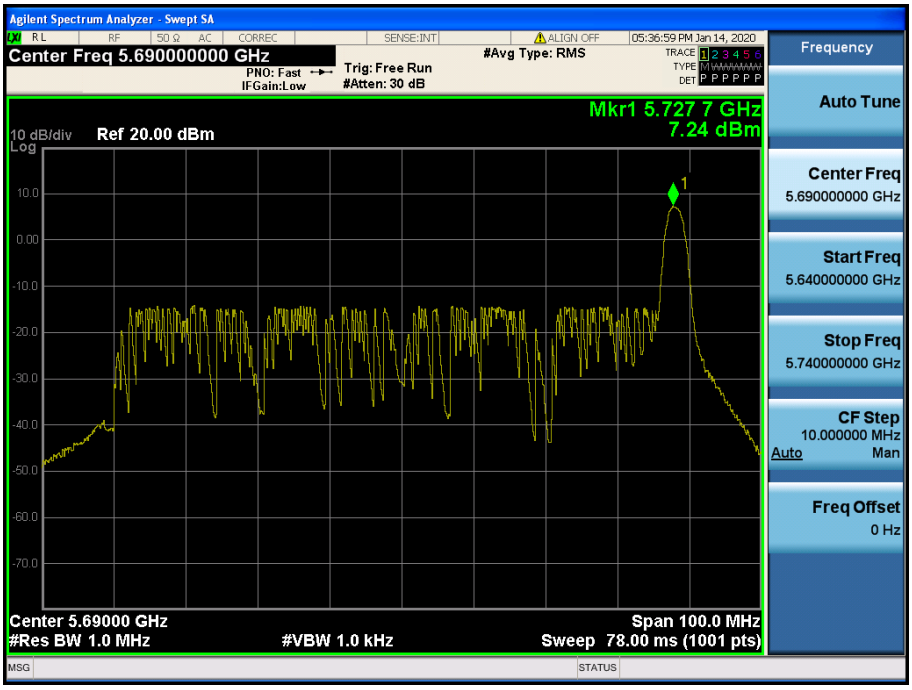

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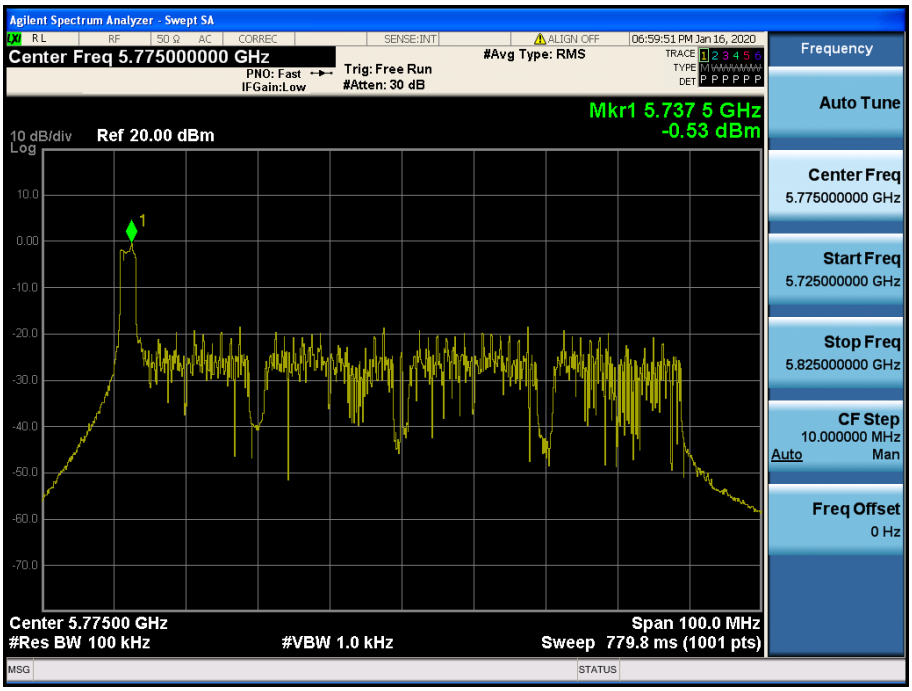
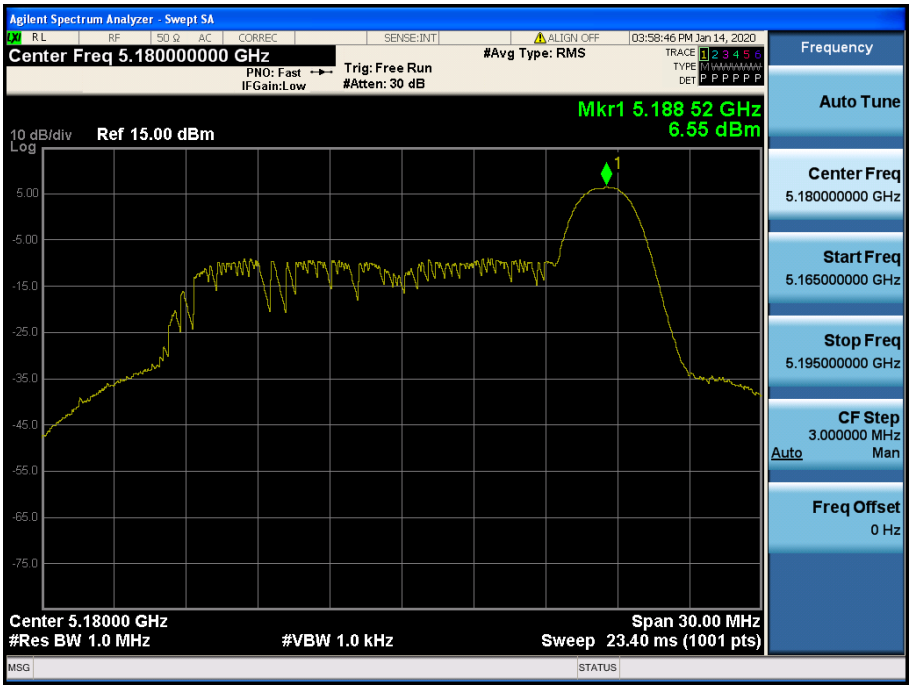
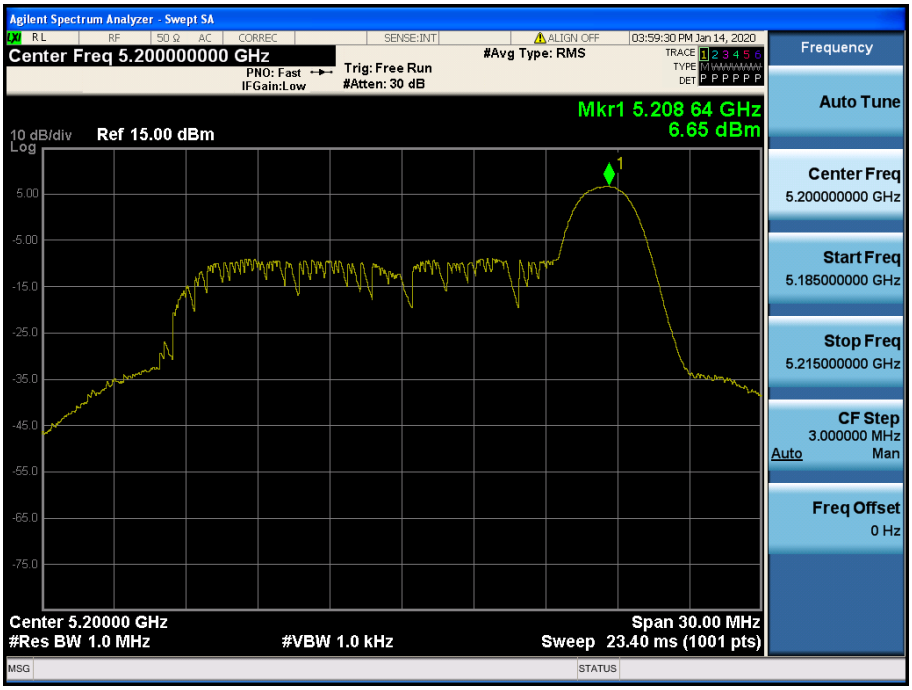


- Power spectral density: SDM-Antenna 2

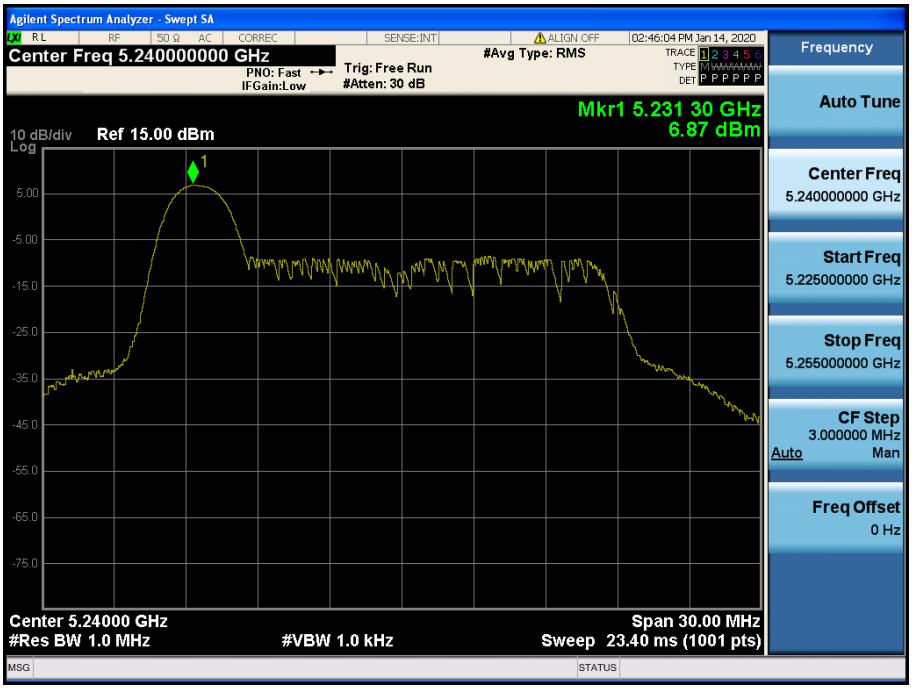
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.36



Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.40



Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 0RU & Ch.48



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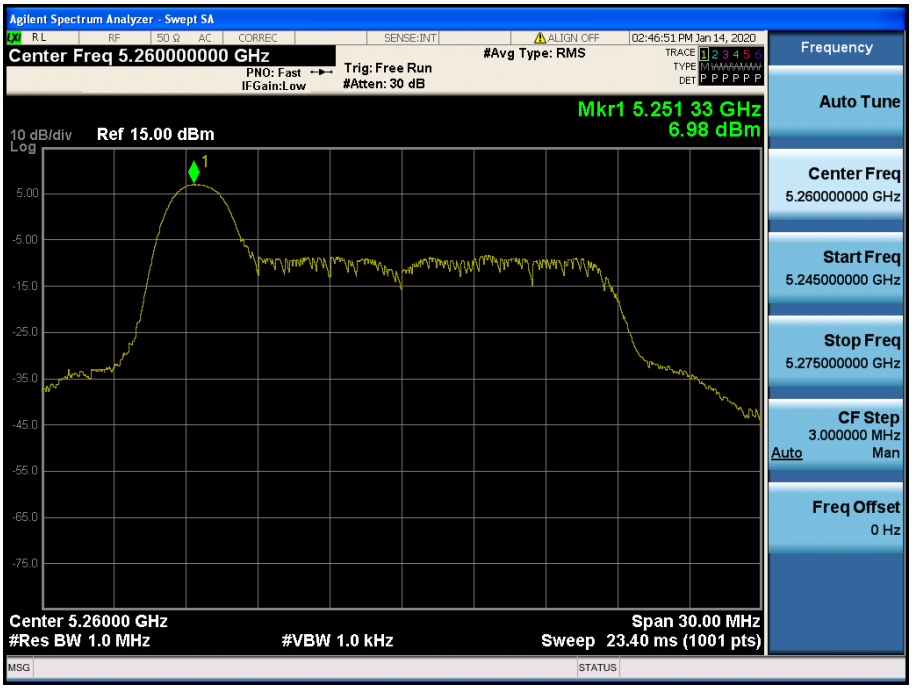
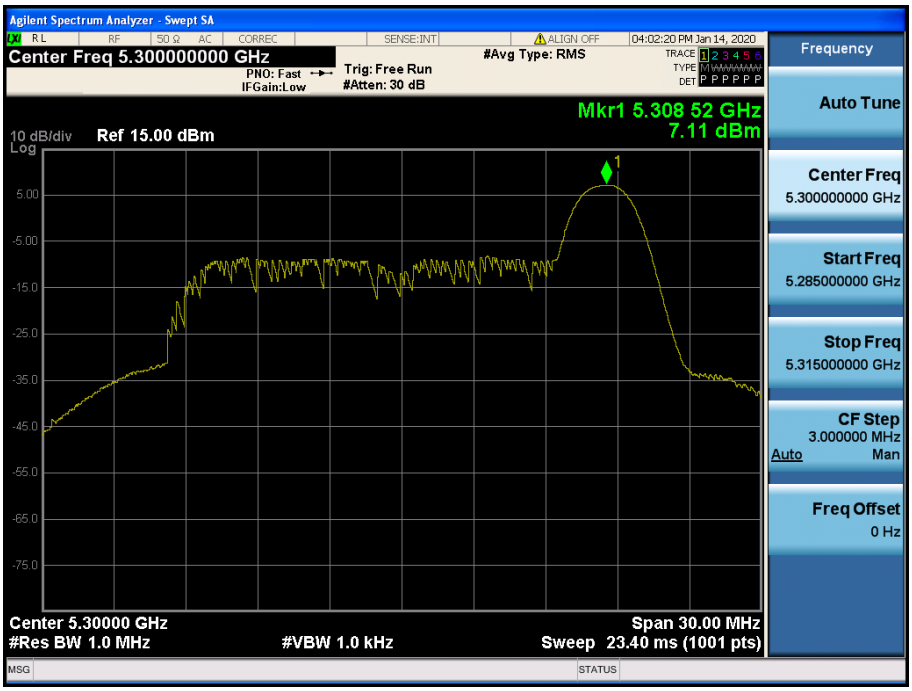
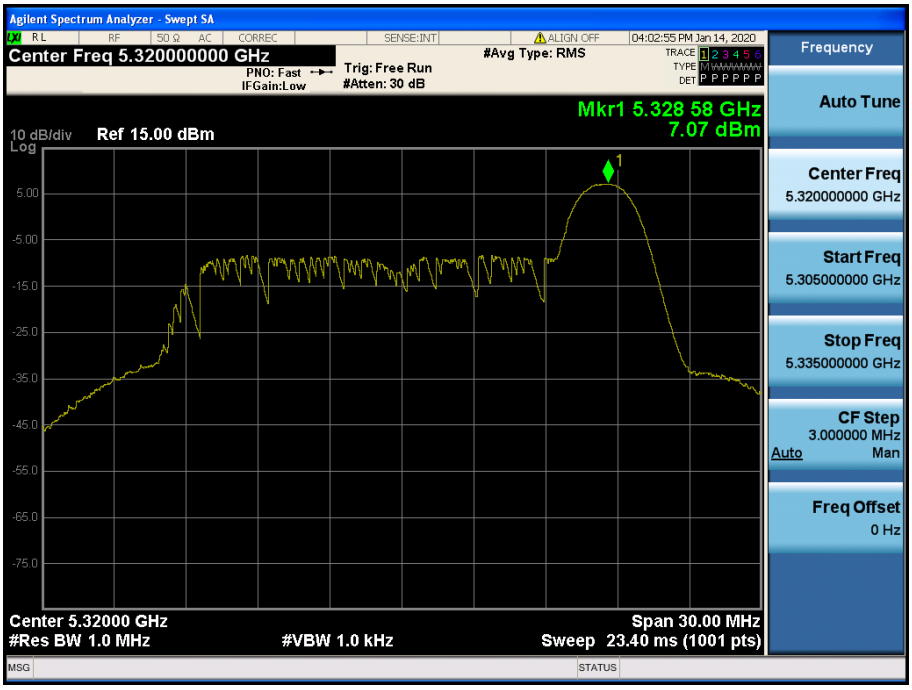


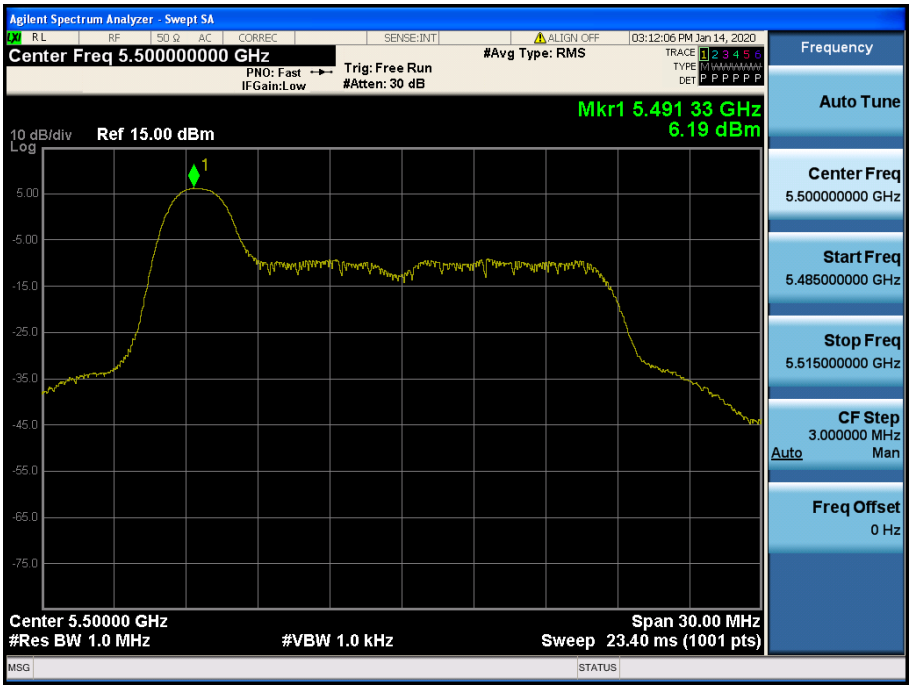
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.60



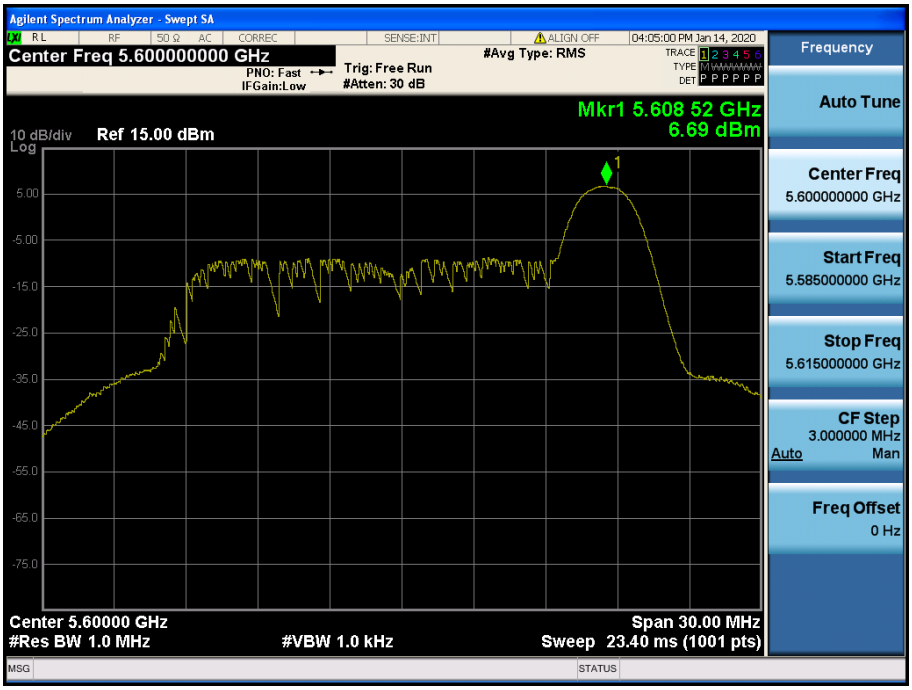
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.64



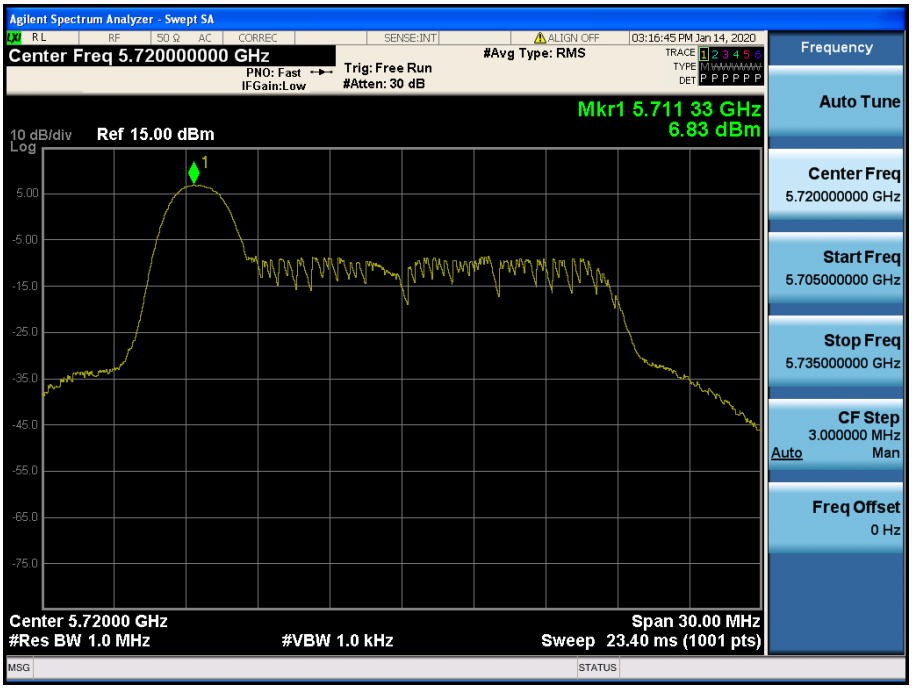
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 0RU & Ch.100



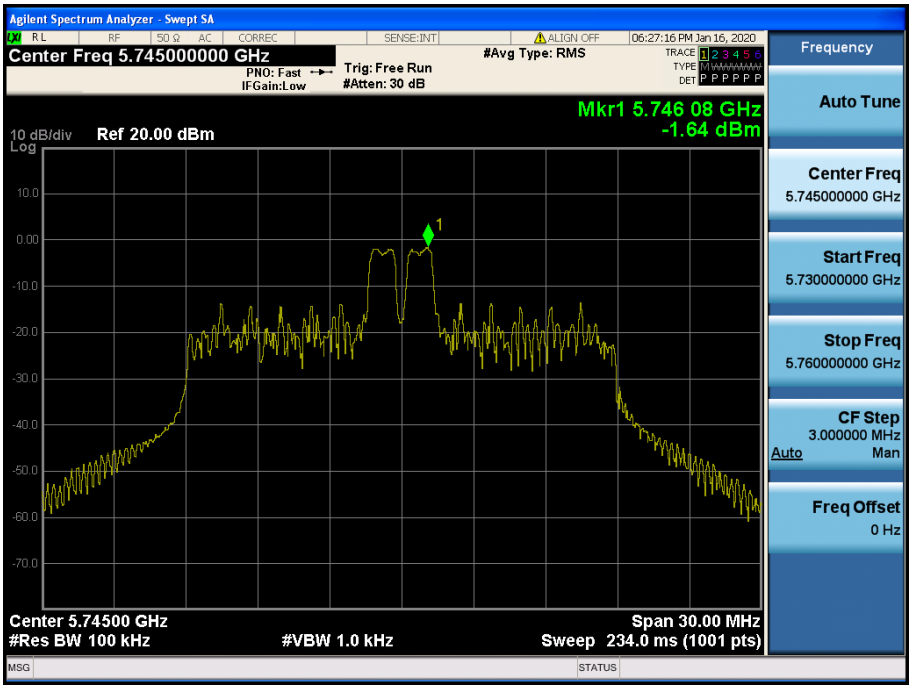
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.120



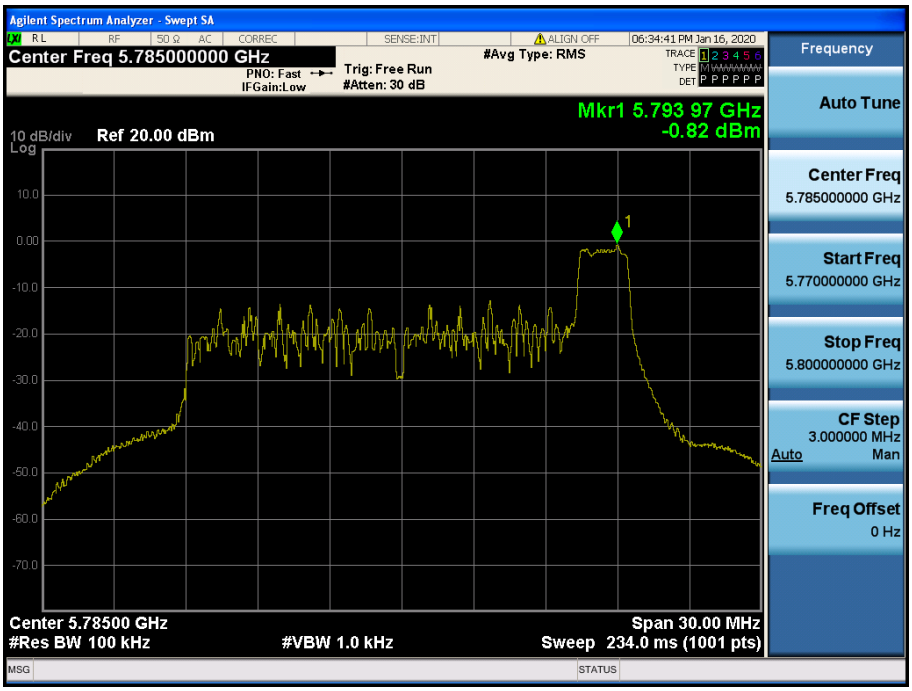
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 0RU & Ch.144



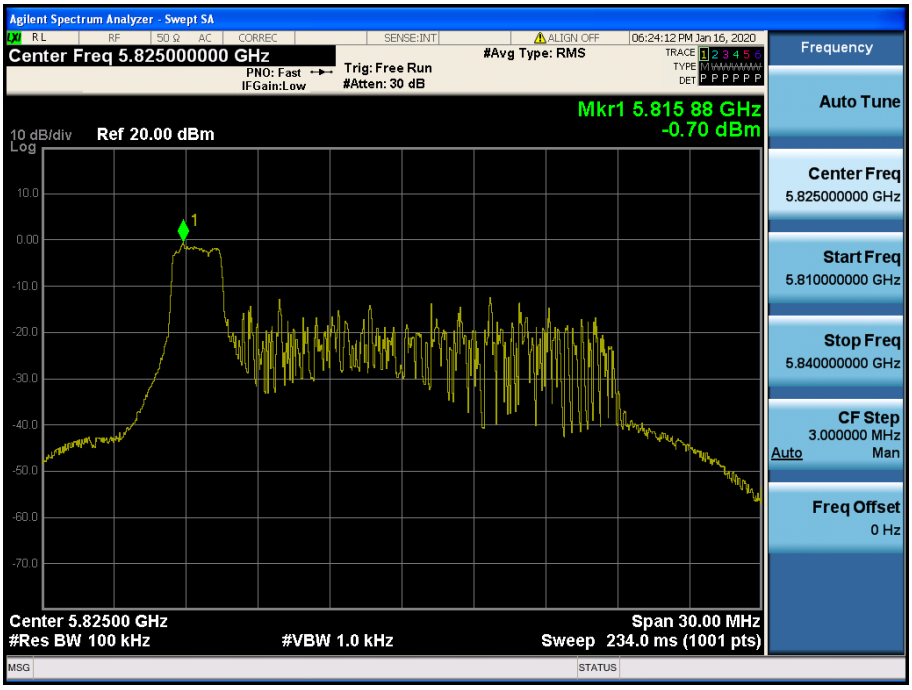
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 1 & T26 & 4RU & Ch.149



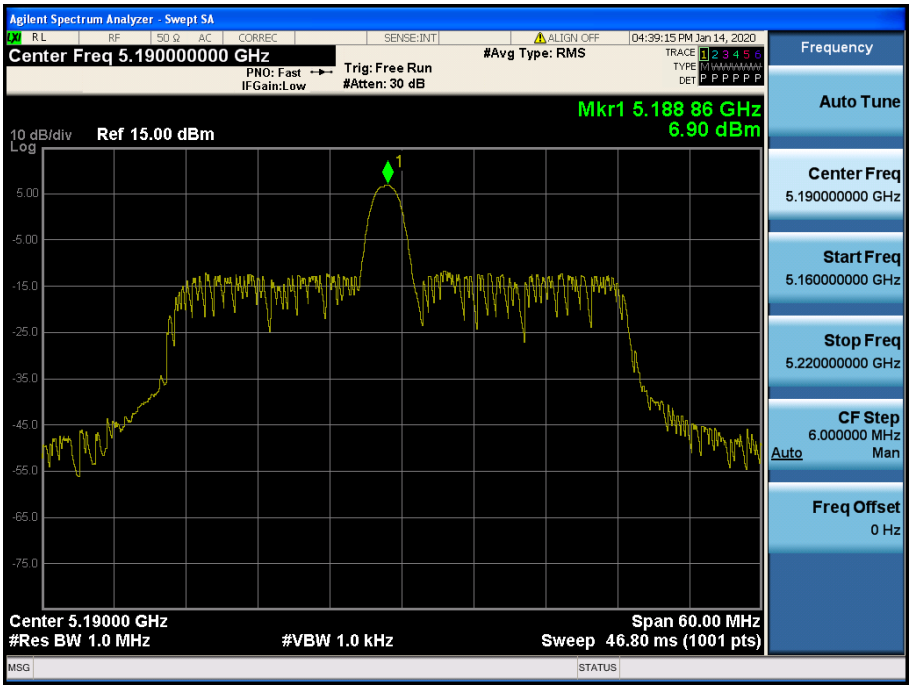
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 8RU & Ch.157



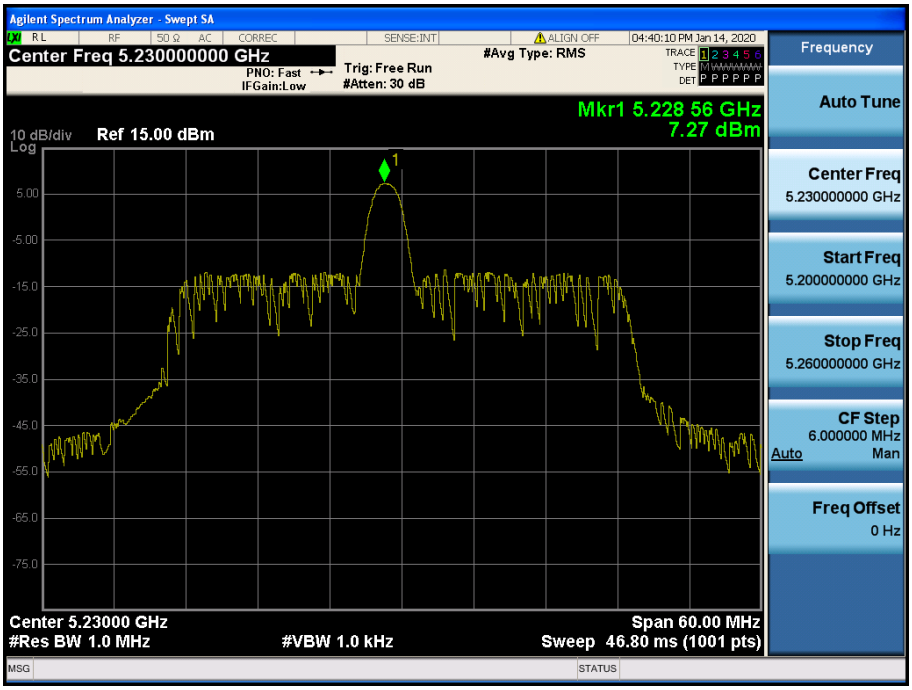
Maximum Power Spectral Density Test Mode: 802.11ax HE20 & ANT 2 & T26 & 0RU & Ch.165



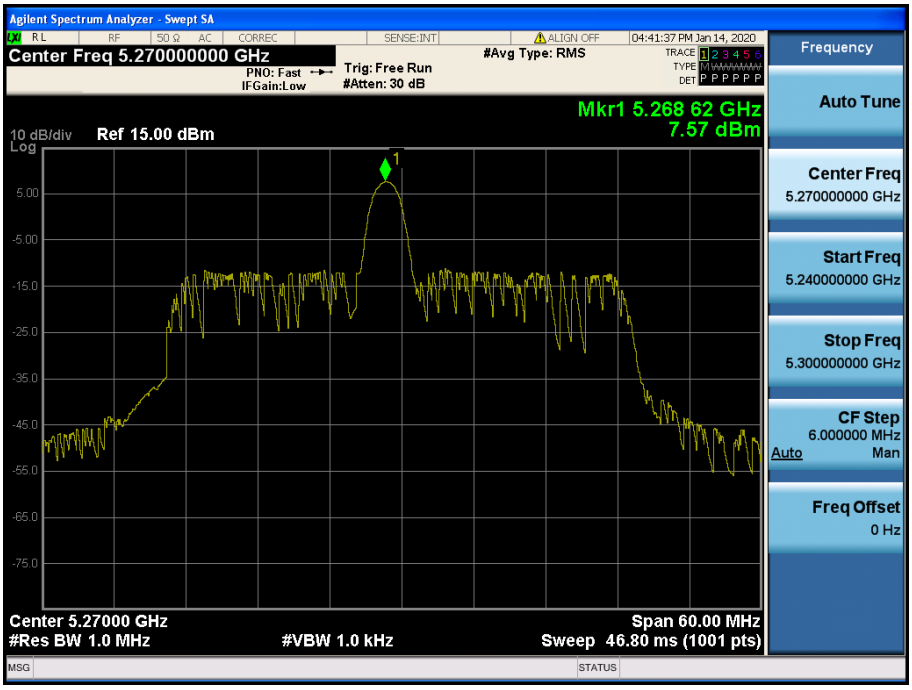
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.38



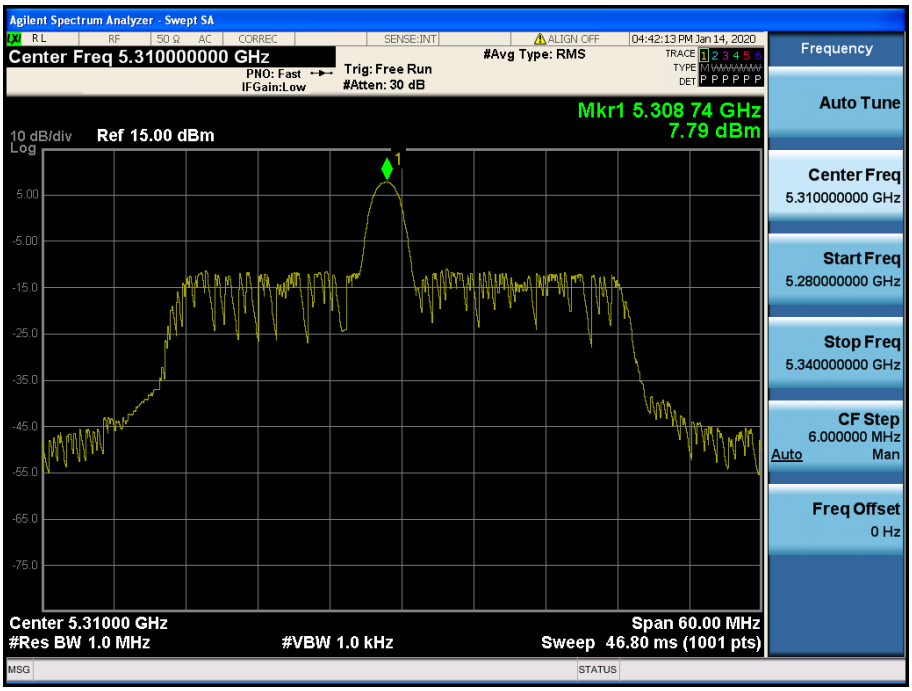
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.46



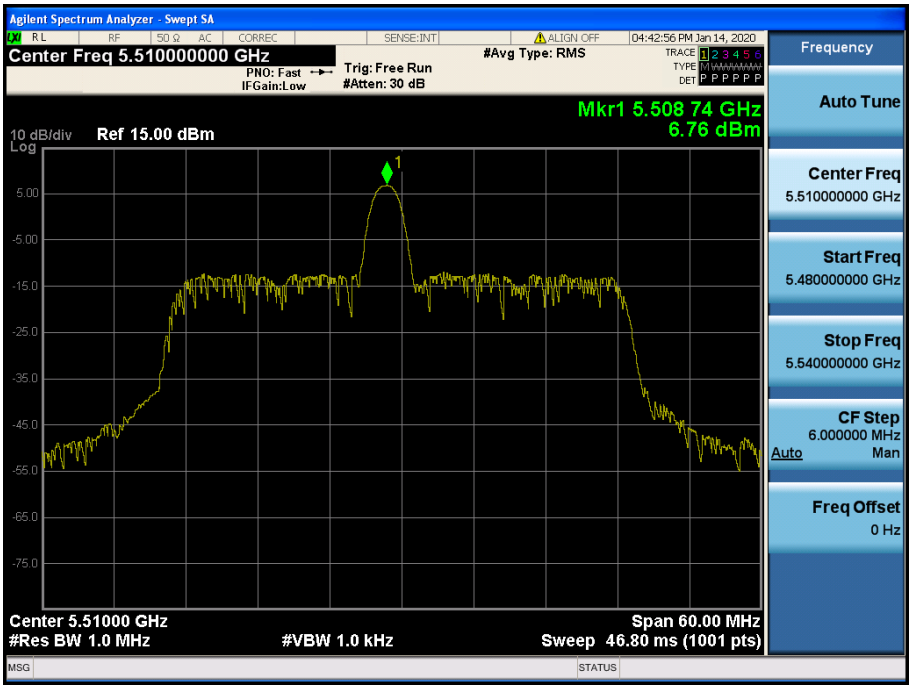
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.54



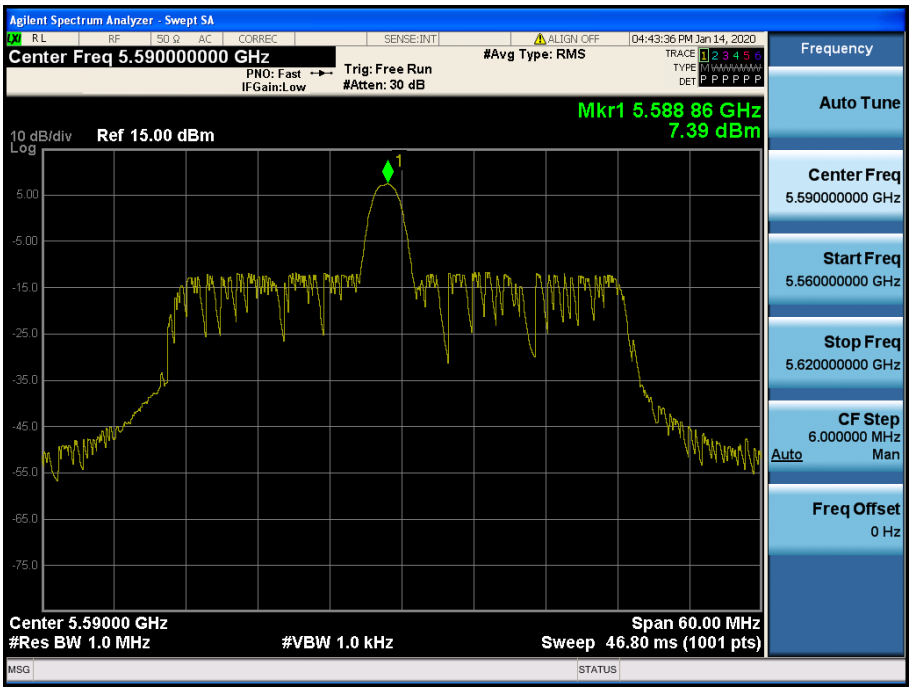
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.62



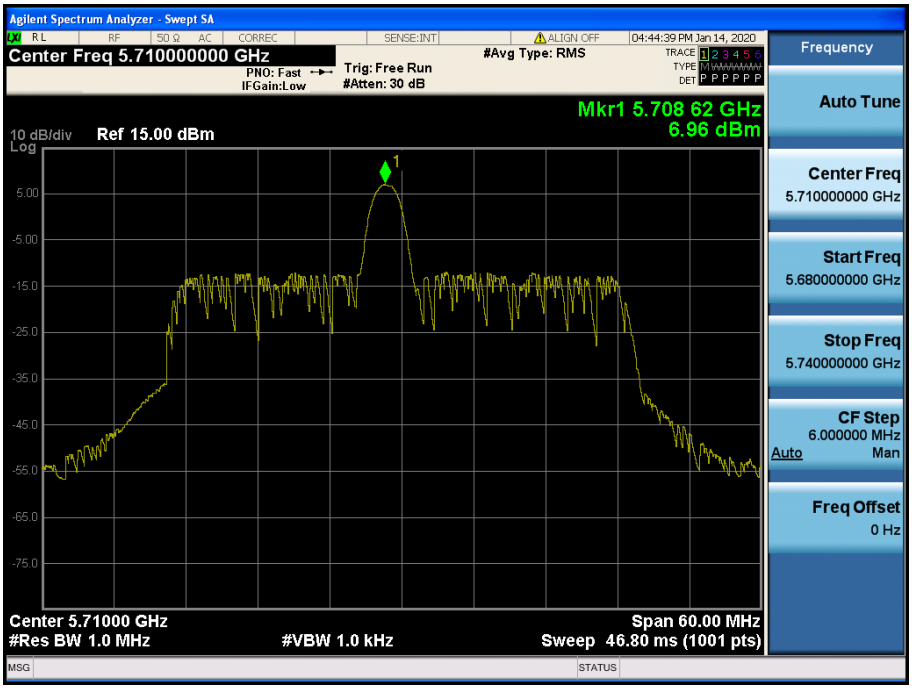
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.102



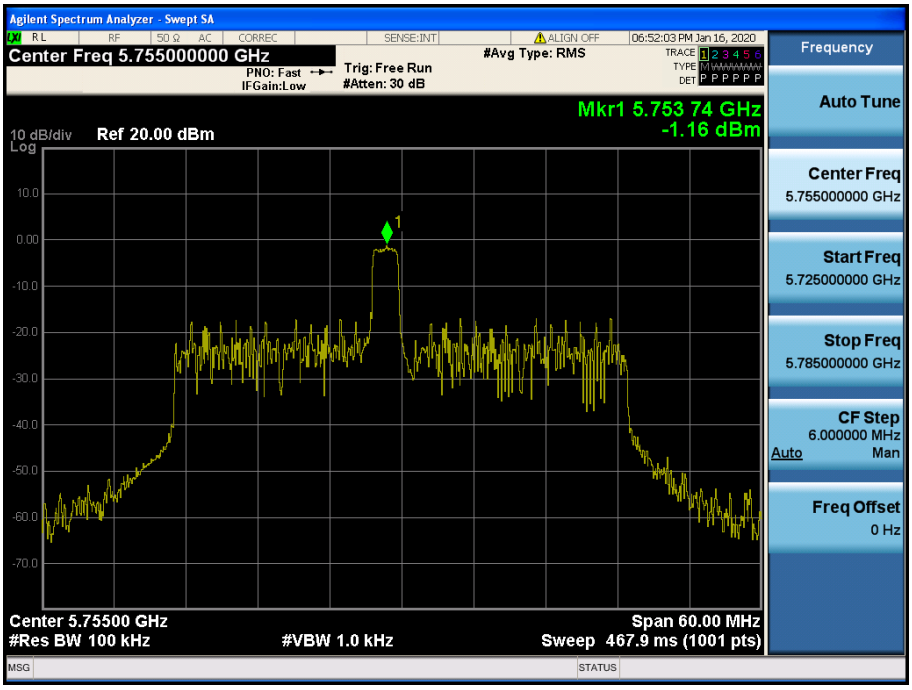
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.118



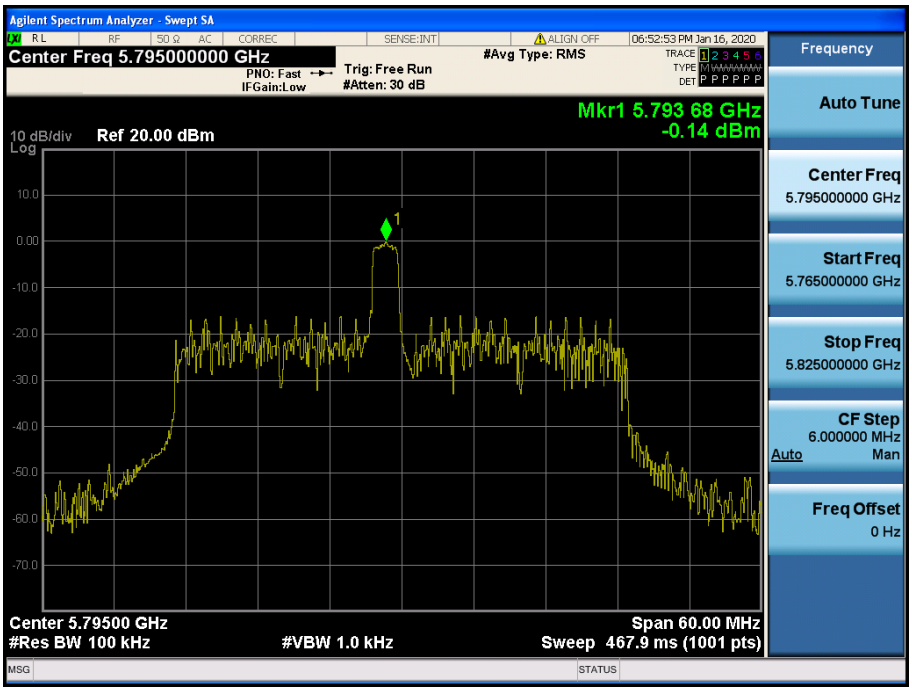
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.142



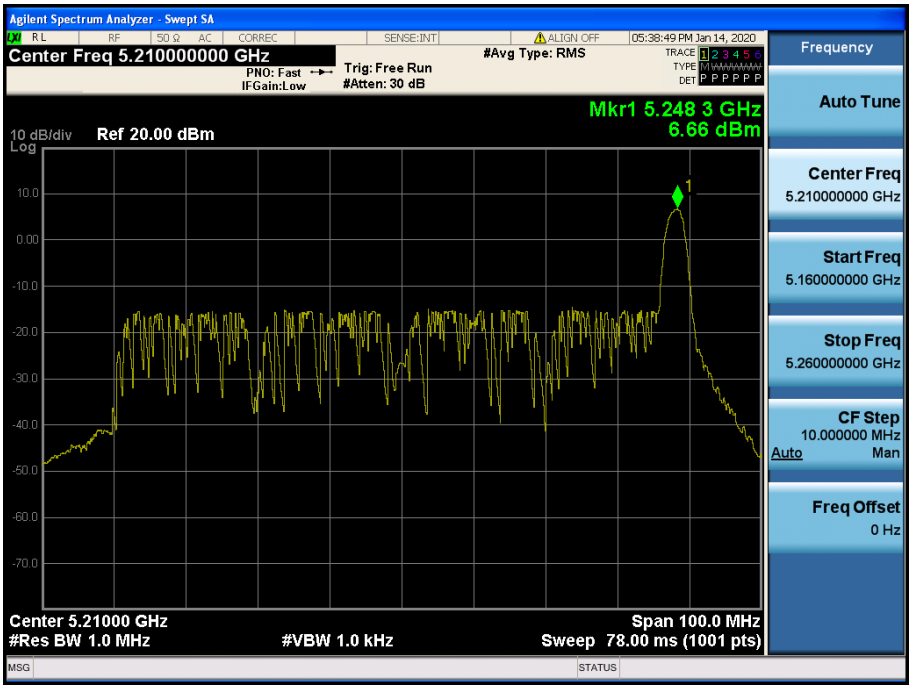
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.151



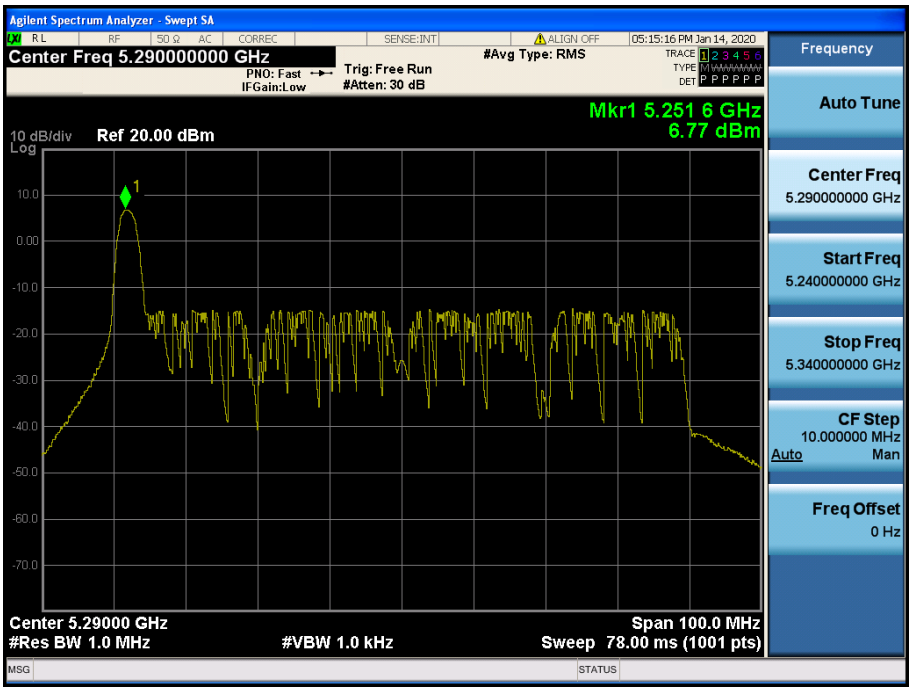
Maximum Power Spectral Density Test Mode: 802.11ax HE40 & ANT 2 & T26 & 8RU & Ch.159



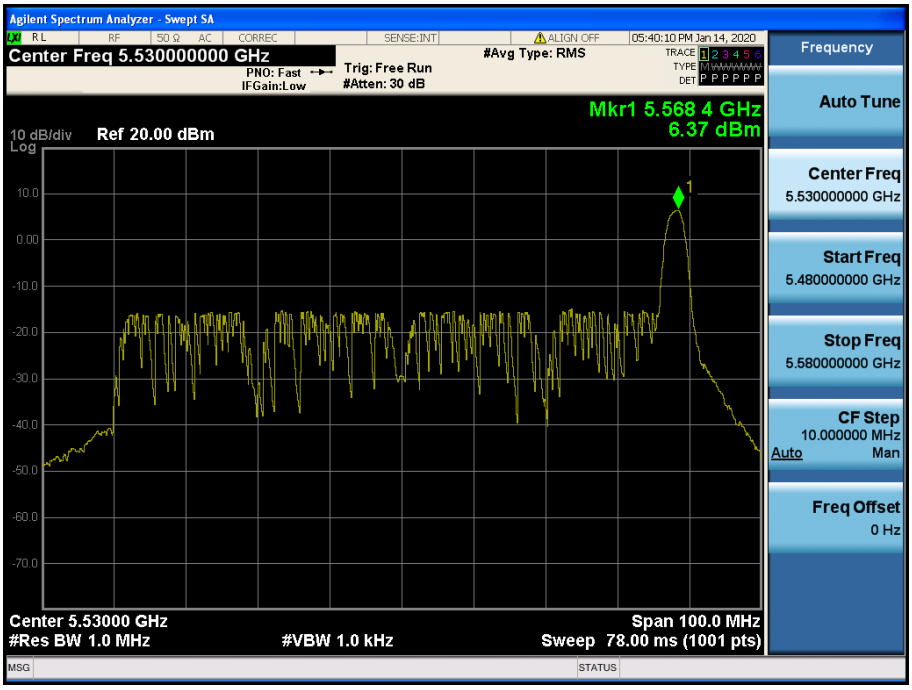
Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 36RU & Ch.42



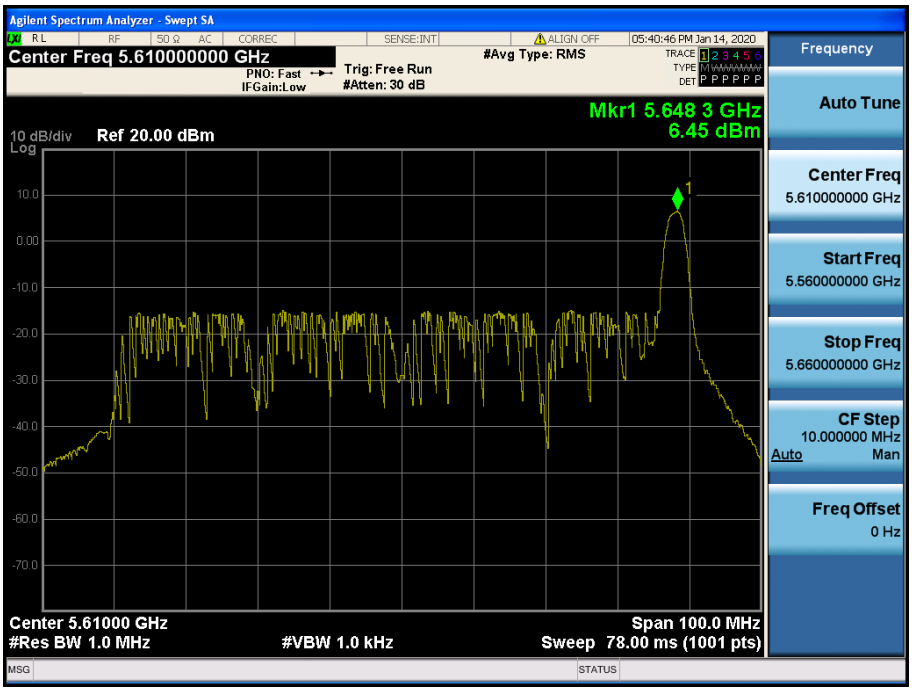
Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 0RU & Ch.58



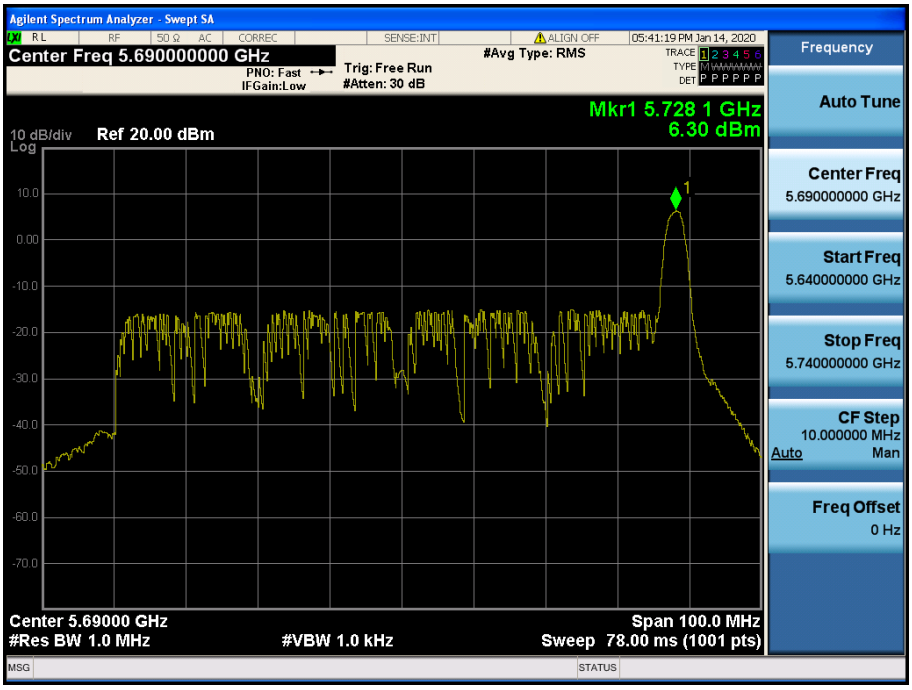
Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 36RU & Ch.106



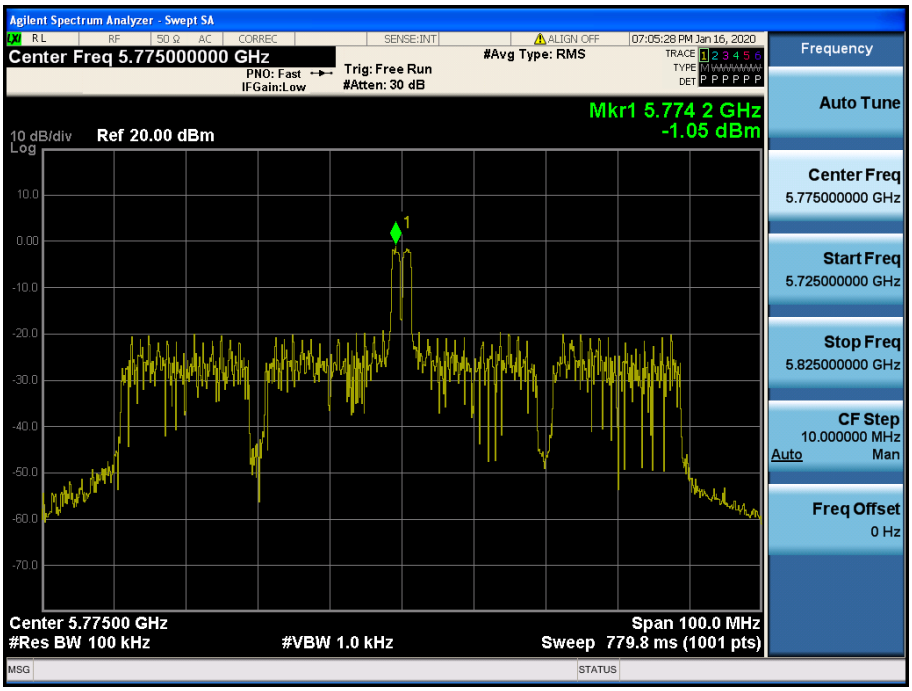
Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 36RU & Ch.122



Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 36RU & Ch.138



Maximum Power Spectral Density Test Mode: 802.11ax HE80 & ANT 2 & T26 & 18RU & Ch.155



8.5 Radiated Spurious Emission Measurements

▣ Test Requirements

▪ **FCC Part 15.209(a) and (b)**

Frequency (MHz)	Limit (uV/m)	Measurement Distance (meter)
0.009 – 0.490	2400/F(KHz)	300
0.490 – 1.705	24000/F(KHz)	30
1.705 – 30.0	30	30
30 ~ 88	100 **	3
88 ~ 216	150 **	3
216 ~ 960	200 **	3
Above 960	500	3

** Except as provided in 15.209(g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g. 15.231 and 15.241.

▪ **FCC Part 15.205 (a):** Only spurious emissions are permitted in any of the frequency bands listed below:

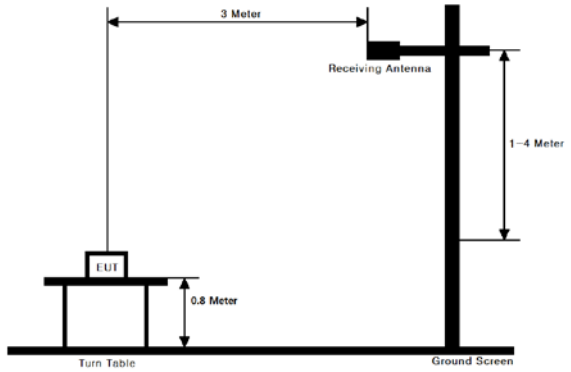
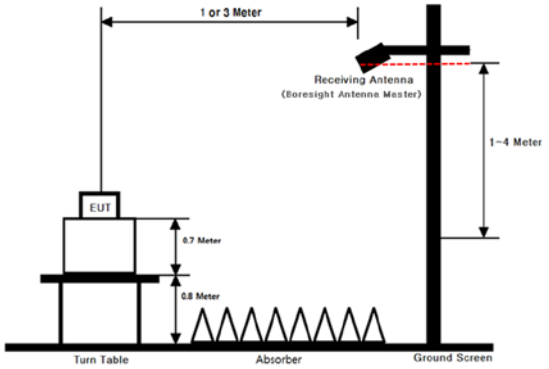
MHz	MHz	MHz	MHz	GHz	GHz
0.009 ~ 0.110	8.41425 ~ 8.41475	108 ~ 121.94	1300 ~ 1427	4.5 ~ 5.15	14.47 ~ 14.5
0.495 ~ 0.505	12.29 ~ 12.293	123 ~ 138	1435 ~ 1626.5	5.35 ~ 5.46	15.35 ~ 16.2
2.1735 ~ 2.1905	12.51975 ~	149.9 ~ 150.05	1645.5 ~ 1646.5	7.25 ~ 7.75	17.7 ~ 21.4
4.125 ~ 4.128	12.52025	160.52475 ~	1660 ~ 1710	8.025 ~ 8.5	22.01 ~ 23.12
4.17725 ~ 4.17775	12.57675 ~	160.52525	1718.8 ~ 1722.2	9.0 ~ 9.2	23.6 ~ 24.0
4.20725 ~ 4.20775	12.57725	160.7 ~ 160.9	2200 ~ 2300	9.3 ~ 9.5	31.2 ~ 31.8
6.215 ~ 6.218	13.36 ~ 13.41	162.0125 ~ 167.17	2310 ~ 2390	10.6 ~ 12.7	36.43 ~ 36.5
6.26775 ~ 6.26825	16.42 ~ 16.423	167.72 ~ 173.2	2483.5 ~ 2500	13.25 ~ 13.4	Above 38.6
6.31175 ~ 6.31225	16.69475 ~	240 ~ 285	2655 ~ 2900		
8.291 ~ 8.294	16.69525	322 ~ 335.4	3260 ~ 3267		
8.362 ~ 8.366	16.80425 ~	399.90 ~ 410	3332 ~ 3339		
8.37625 ~ 8.38675	16.80475	608 ~ 614	3345.8 ~ 3358		
	25.5 ~ 25.67	960 ~ 1240	3600 ~ 4000		
	37.5 ~ 38.25				
	73 ~ 74.6				
	74.8 ~ 75.2				

▪ **FCC Part 15.205(b):** The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in §15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in §15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in §15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in §15.35 apply to these measurements.

▪ **FCC Part 15.407 (b):** Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the **5.15-5.25 GHz band**: all emissions outside of the **5.15-5.35 GHz band** shall not exceed an **EIRP of -27 dBm/MHz**.
(2) For transmitters operating in the **5.25-5.35 GHz band**: all emissions outside of the **5.15-5.35 GHz band** shall not exceed an **EIRP of -27 dBm/MHz**.
(3) For transmitters operating in the **5.47-5.725 GHz band**: all emissions outside of the **5.47-5.725 GHz band** shall not exceed an **EIRP of -27 dBm/MHz.**
(4) For transmitters operating in the **5.725-5.85 GHz band**: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
(5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
(6) Unwanted emissions **below 1 GHz** must comply with the general field strength limits set forth in **Section 15.209**. Further, any U-NII devices using an **AC power line** are required to comply also with the conducted limits set forth in **Section 15.207**.
(7) The provisions of §15.205 apply to intentional radiators operating under this section
(8) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.

▣ Test Configuration

Below 1GHz	Above 1GHz
	

▣ Test Procedure

1. The EUT is placed on a non-conductive table. For emission measurements at or below 1 GHz, the table height is 80 cm. For emission measurements above 1 GHz, the table height is 1.5 m.
2. The turn table shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 1m or 3 m away from the receiving antenna, which is varied from 1m to 4 m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.

Radiated spurious emission measured using following Measurement Procedure **of KDB789033 D02v02r01**

► General Requirements for Unwanted Emissions Measurements

The following requirements apply to all unwanted emissions measurements, both in and outside of the restricted bands:

- EUT Duty Cycle

(1) The EUT shall be configured or modified to **transmit continuously** except as stated in (ii), below. The intent is to test at 100 percent duty cycle; however a small reduction in duty cycle (**to no lower than 98 percent**) is permitted if required by the EUT for amplitude control purposes. Manufacturers are expected to provide software to the test lab to permit such continuous operation.

(2) If **continuous transmission (or at least 98 percent duty cycle) cannot be achieved** due to hardware limitations of the EUT (e.g., overheating), the following additions to the measurement and reporting procedures are required:

- The EUT shall be configured to operate at the maximum achievable duty cycle.
- Measure the duty cycle, x, of the transmitter output signal.
- Adjustments to measurement procedures (e.g., increasing test time and number of traces averaged) shall be performed as described in the procedures below.
- The test report shall include the following additional information:
  - The reason for the duty cycle limitation.
  - The duty cycle achieved for testing and the associated transmit duration and interval between transmissions.
  - The sweep time and the amount of time used for trace stabilization during max-hold measurements for peak emission measurements.

(3) Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

► **Measurements below 1000 MHz**

a) Follow the requirements in section II.G.3, “General Requirements for Unwanted Emissions Measurements”.

b) Compliance shall be demonstrated using **CISPR quasi-peak detection**; however, **peak detection** is permitted as an alternative to quasi-peak detection.

► **Measurements Above 1000 MHz (Peak)**

a) Follow the requirements in section II.G.3, “General Requirements for Unwanted Emissions Measurements”.

b) Peak emission levels are measured by setting the analyzer as follows:

(i) **RBW = 1 MHz.**

(ii) **VBW ≥ 3 MHz.**

(iii) **Detector = Peak.**

(iv) Sweep time = Auto.

(v) Trace mode = Max hold.

(vi) Allow sweeps to continue until the trace stabilizes. Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately 1/x, where x is the duty cycle. For example, at 50 percent duty cycle, the measurement time will increase by a factor of two relative to measurement time for continuous transmission.

► **Measurements Above 1000 MHz (Method –VB-A)**

a) RBW = 1 MHz.

b) Video bandwidth:

1) If the EUT is configured to transmit with D ≥ 98%, then set VBW ≤ RBW / 100 (i.e., 10 kHz), but not less than 10 Hz.

2) If the EUT D is < 98%, then set VBW ≥ 1 / T, where T is defined in item a1) of 12.2.

c) Video bandwidth mode or display mode:

1) The instrument shall be set with video filtering applied in the power domain. Typically, this requires setting the detector mode to RMS (power averaging) and setting the average-VBW type to power (rms).

2) As an alternative, the instrument may be set to linear detector mode. Video filtering shall be applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode to \ accomplish this. Others have a setting for average-VBW type, which can be set to “voltage” regardless of the display mode.

d) Detector = peak.

e) Sweep time = auto.

f) Trace mode = max hold.

g) Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where D is the duty cycle. For example, use at least 200 traces if the duty cycle is 25%. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—then rather than turning ON and OFF with the transmit cycle, at least 50 traces should be averaged.)

▣ Test Results

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(CDD) & 802.11ax HE20 Normal*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	36 (5180 MHz)	26	0	5149.57	H	Z	PK	50.20	1.84	N/A	52.04	74.00	21.96
		26	0	5149.89	H	Z	AV	39.53	1.84	N/A	41.37	54.00	12.63
		242	61	5149.57	H	Z	PK	50.59	1.84	N/A	52.43	74.00	21.57
		242	61	5149.99	H	Z	AV	40.25	1.84	N/A	42.09	54.00	11.91
		SU	NA	5149.96	H	Z	PK	49.15	1.84	N/A	50.99	74.00	23.01
		SU	NA	5149.99	H	Z	AV	40.26	1.84	N/A	42.10	54.00	11.90
		26	0	10342.69	V	X	PK	47.46	10.68	N/A	58.14	68.20	10.06
		242	61	10354.89	V	X	PK	43.36	10.66	N/A	54.02	68.20	14.18
		SU	NA	10355.80	V	X	PK	44.98	10.66	N/A	55.64	68.20	12.56
	40 (5200 MHz)	26	0	10383.62	V	X	PK	45.84	10.64	N/A	56.48	68.20	11.72
		242	61	10395.72	V	X	PK	43.85	10.63	N/A	54.48	68.20	13.72
		SU	NA	10391.32	V	X	PK	44.03	10.63	N/A	54.66	68.20	13.54
	48 (5240 MHz)	26	0	10462.67	V	X	PK	44.11	10.63	N/A	54.74	68.20	13.46
		242	61	10486.12	V	X	PK	43.43	10.63	N/A	54.06	68.20	14.14
		SU	NA	10480.93	V	X	PK	44.02	10.64	N/A	54.66	68.20	13.54
U-NII 2A	52 (5260 MHz)	26	0	10503.21	V	X	PK	44.19	10.64	N/A	54.83	68.20	13.37
		242	61	10515.33	V	X	PK	43.74	10.66	N/A	54.40	68.20	13.80
		SU	NA	10521.98	V	X	PK	43.59	10.66	N/A	54.25	68.20	13.95
	60 (5300 MHz)	26	8	10616.25	V	X	PK	43.71	10.77	N/A	54.48	74.00	19.52
		26	8	10616.81	V	X	AV	33.43	10.77	N/A	44.20	54.00	9.80
		242	61	10598.10	V	X	PK	42.74	10.75	N/A	53.49	68.20	14.71
		242	61	10602.18	V	X	AV	32.35	10.75	N/A	43.10	54.00	10.90
		SU	NA	10589.32	V	X	PK	42.98	10.75	N/A	53.73	68.20	14.47
	64 (5320 MHz)	26	8	5350.38	H	Z	PK	51.71	2.98	N/A	54.69	74.00	19.31
		26	8	5350.28	H	Z	AV	39.26	2.98	N/A	42.24	54.00	11.76
		242	61	5350.60	H	Z	PK	49.16	2.98	N/A	52.14	74.00	21.86
		242	61	5350.25	H	Z	AV	39.10	2.98	N/A	42.08	54.00	11.92
		SU	NA	5352.46	H	Z	PK	50.69	2.98	N/A	53.67	74.00	20.33
		SU	NA	5352.46	H	Z	AV	39.86	2.98	N/A	42.84	54.00	11.16
		26	0	10623.95	V	X	PK	42.69	10.79	N/A	53.48	74.00	20.52
		26	0	10623.27	V	X	AV	32.65	10.79	N/A	43.44	54.00	10.56
		SU	NA	10644.72	V	X	PK	42.66	10.83	N/A	53.49	74.00	20.51
		SU	NA	10644.70	V	X	AV	31.88	10.83	N/A	42.71	54.00	11.29

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(CDD) & 802.11ax HE20_Normal*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 2C	100 (5500 MHz)	26	0	5459.36	H	Z	PK	49.23	3.15	N/A	52.38	74.00	21.62
		26	0	5459.62	H	Z	AV	38.38	3.15	N/A	41.53	54.00	12.47
		26	0	5469.52	H	Z	PK	49.46	3.17	N/A	52.63	68.20	15.57
		242	61	5459.80	H	Z	PK	47.01	3.15	N/A	50.16	74.00	23.84
		242	61	5459.96	H	Z	AV	38.29	3.15	N/A	41.44	54.00	12.56
		242	61	5468.56	H	Z	PK	49.77	3.17	N/A	52.94	68.20	15.26
		SU	NA	5459.71	H	Z	PK	49.38	3.15	N/A	52.53	74.00	21.47
		SU	NA	5459.00	H	Z	AV	38.84	3.15	N/A	41.99	54.00	12.01
		SU	NA	5466.67	H	Z	PK	49.47	3.17	N/A	52.64	68.20	15.56
		26	0	10982.65	V	X	PK	44.84	10.97	N/A	55.81	74.00	18.19
		26	0	10983.01	V	X	AV	33.32	10.97	N/A	44.29	54.00	9.71
		SU	NA	10998.71	V	X	PK	44.87	10.95	N/A	55.82	74.00	18.18
		SU	NA	10997.81	V	X	AV	32.78	10.95	N/A	43.73	54.00	10.27
	120 (5600 MHz)	26	0	11181.26	V	X	PK	44.71	10.88	N/A	55.59	74.00	18.41
		26	0	11181.36	V	X	AV	33.42	10.88	N/A	44.30	54.00	9.70
		SU	NA	11197.88	V	X	PK	43.88	10.87	N/A	54.75	74.00	19.25
		SU	NA	11197.74	V	X	AV	33.14	10.87	N/A	44.01	54.00	9.99
	144 (5720 MHz)	26	0	11423.64	V	X	PK	44.19	11.08	N/A	55.27	74.00	18.73
		26	0	11424.07	V	X	AV	33.18	11.08	N/A	44.26	54.00	9.74
		SU	NA	11438.09	V	X	PK	43.78	11.08	N/A	54.86	74.00	19.14
		SU	NA	11438.06	V	X	AV	32.62	11.08	N/A	43.70	54.00	10.30
U-NII 3	149 (5745 MHz)	26	0	5711.88	H	Z	PK	48.90	3.17	N/A	52.07	68.20	16.13
		26	0	5723.82	H	Z	PK	55.93	2.97	N/A	58.90	78.20	19.30
		242	61	5714.92	H	Z	PK	49.65	3.17	N/A	52.82	68.20	15.38
		242	61	5723.52	H	Z	PK	59.60	2.97	N/A	62.57	78.20	15.63
		SU	NA	5710.22	H	Z	PK	49.76	3.17	N/A	52.93	68.20	15.27
		SU	NA	5724.89	H	Z	PK	50.53	2.97	N/A	53.50	78.20	24.70
		26	0	11473.34	V	X	PK	44.01	11.27	N/A	55.28	74.00	18.72
		26	0	11473.98	V	X	AV	32.55	11.27	N/A	43.82	54.00	10.18
		SU	NA	11487.55	V	X	PK	43.81	11.32	N/A	55.13	74.00	18.87
		SU	NA	11487.60	V	X	AV	32.71	11.32	N/A	44.03	54.00	9.97
	157 (5785 MHz)	26	0	11550.88	V	X	PK	45.15	11.58	N/A	56.73	74.00	17.27
		26	0	11550.43	V	X	AV	32.83	11.58	N/A	44.41	54.00	9.59
		SU	NA	11570.73	V	X	PK	44.27	11.66	N/A	55.93	74.00	18.07
		SU	NA	11571.16	V	X	AV	33.15	11.66	N/A	44.81	54.00	9.19
	165 (5825 MHz)	26	8	5850.88	H	Z	PK	52.80	3.62	N/A	56.42	78.20	21.78
		26	8	5860.28	H	Z	PK	47.70	3.69	N/A	51.39	68.20	16.81
		242	61	5850..08	H	Z	PK	55.42	3.62	N/A	59.04	78.20	19.16
		242	61	5861.82	H	Z	PK	48.08	3.69	N/A	51.77	68.20	16.43
		SU	NA	5850.18	H	Z	PK	48.65	3.62	N/A	52.27	78.20	25.93
		SU	NA	5861.30	H	Z	PK	48.48	3.69	N/A	52.17	68.20	16.03
		26	0	11631.30	V	X	PK	44.39	11.80	N/A	56.19	74.00	17.81
		26	0	11631.33	V	X	AV	33.08	11.80	N/A	44.88	54.00	9.12
		SU	NA	11648.03	V	X	PK	44.84	11.80	N/A	56.64	74.00	17.36
		SU	NA	11648.11	V	X	AV	33.30	11.80	N/A	45.10	54.00	8.90

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(CDD) & 802.11ax(HE20) & With Wireless charging pad*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 3	165 (5825 MHz)	SU	NA	5853.64	V	X	PK	48.05	3.62	N/A	51.67	78.20	26.53
		SU	NA	5863.90	V	X	PK	47.43	3.69	N/A	51.12	68.20	17.08
		SU	NA	11648.26	V	X	PK	44.85	11.80	N/A	56.65	74.00	17.35
		SU	NA	11648.80	V	X	AV	33.08	11.80	N/A	44.88	54.00	9.12

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(CDD) & 802.11ax(HE40) _Normal*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	38 (5190 MHz)	26	0	5149.33	H	Z	PK	58.85	1.84	N/A	60.69	74.00	13.31
		26	0	5148.28	H	Z	AV	41.04	1.84	N/A	42.88	54.00	11.12
		484	65	5149.23	H	Z	PK	60.55	1.84	N/A	62.39	74.00	11.61
		484	65	5419.72	H	Z	AV	46.11	1.84	N/A	47.95	54.00	6.05
		SU	NA	5149.52	H	Z	PK	52.79	1.84	N/A	54.63	74.00	19.37
		SU	NA	5149.99	H	Z	AV	42.82	1.84	N/A	44.66	54.00	9.34
		26	0	10343.44	V	X	PK	48.71	10.68	N/A	59.39	68.20	8.81
		26	17	10415.78	V	X	PK	46.98	10.63	N/A	57.61	68.20	10.59
		SU	NA	10378.50	V	X	PK	43.95	10.64	N/A	54.59	68.20	13.61
	46 (5230 MHz)	26	0	10424.06	V	X	PK	46.09	10.63	N/A	56.72	68.20	11.48
		SU	NA	10458.38	V	X	PK	43.56	10.63	N/A	54.19	68.20	14.01
U-NII 2A	54 (5270 MHz)	26	0	10503.54	V	X	PK	46.16	10.64	N/A	56.80	68.20	11.40
		SU	NA	10538.44	V	X	PK	43.67	10.68	N/A	54.35	68.20	13.85
	62 (5310 MHz)	26	17	5350.59	H	Z	PK	60.81	2.98	N/A	63.79	74.00	10.21
		26	17	5350.71	H	Z	AV	41.21	2.98	N/A	44.19	54.00	9.81
		484	65	5351.65	H	Z	PK	62.34	2.98	N/A	65.32	74.00	8.68
		484	65	5350.27	H	Z	AV	47.82	2.98	N/A	50.80	54.00	3.20
		SU	NA	5350.13	H	Z	PK	57.72	2.98	N/A	60.70	74.00	13.30
		SU	NA	5350.03	H	Z	AV	46.76	2.98	N/A	49.74	54.00	4.26
		26	17	10656.48	V	X	PK	44.21	10.86	N/A	55.07	74.00	18.93
		26	17	10656.31	V	X	AV	33.23	10.86	N/A	44.09	54.00	9.91
		SU	NA	10619.40	V	X	PK	43.40	10.78	N/A	54.18	74.00	19.82
		SU	NA	10618.95	V	X	AV	32.17	10.78	N/A	42.95	54.00	11.05
U-NII 2C	102 (5510 MHz)	26	0	5459.24	H	Z	PK	49.54	3.15	N/A	52.69	74.00	21.31
		26	0	5458.67	H	Z	AV	38.79	3.15	N/A	41.94	54.00	12.06
		26	0	5468.50	H	Z	PK	55.89	3.17	N/A	59.06	68.20	9.14
		484	65	5459.40	H	Z	PK	50.73	3.15	N/A	53.88	74.00	20.12
		484	65	5459.54	H	Z	AV	38.52	3.15	N/A	41.67	54.00	12.33
		484	65	5469.55	H	Z	PK	53.62	3.17	N/A	56.79	68.20	11.41
		SU	NA	5459.95	H	Z	PK	50.35	3.15	N/A	53.50	74.00	20.50
		SU	NA	5459.61	H	Z	AV	39.91	3.15	N/A	43.06	54.00	10.94
		SU	NA	5467.31	H	Z	PK	54.37	3.17	N/A	57.54	68.20	10.66
		26	0	10984.07	V	X	PK	43.98	10.97	N/A	54.95	74.00	19.05
		26	0	10983.35	V	X	AV	33.05	10.97	N/A	44.02	54.00	9.98
		SU	NA	11018.62	V	X	PK	44.41	10.94	N/A	55.35	74.00	18.65
		SU	NA	11017.83	V	X	AV	33.05	10.94	N/A	43.99	54.00	10.01
	118 (5590 MHz)	26	0	11141.84	V	X	PK	43.87	10.90	N/A	54.77	74.00	19.23
		26	0	11142.84	V	X	AV	32.63	10.90	N/A	43.53	54.00	10.47
		SU	NA	11179.81	V	X	PK	44.81	10.88	N/A	55.69	74.00	18.31
		SU	NA	11179.22	V	X	AV	33.13	10.88	N/A	44.01	54.00	9.99
	142 (5710 MHz)	26	0	11382.59	V	X	PK	43.84	10.95	N/A	54.79	74.00	19.21
		26	0	11382.93	V	X	AV	32.64	10.95	N/A	43.59	54.00	10.41
		SU	NA	11421.02	V	X	PK	44.30	11.08	N/A	55.38	74.00	18.62
		SU	NA	11421.80	V	X	AV	32.92	11.08	N/A	44.00	54.00	10.00

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(CDD) & 802.11ax(HE40) _ Normal*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 3	151 (5755 MHz)	26	0	5713.88	H	Z	PK	55.18	3.17	N/A	58.35	68.20	9.85
		26	0	5722.24	H	Z	PK	61.57	2.97	N/A	64.54	78.20	13.66
		484	65	5714.98	H	Z	PK	54.52	3.17	N/A	57.69	68.20	10.51
		484	65	5724.80	H	Z	PK	60.44	2.97	N/A	63.41	78.20	14.79
		SU	NA	5714.08	H	Z	PK	50.70	3.17	N/A	53.87	68.20	14.33
		SU	NA	5720.73	H	Z	PK	52.98	2.97	N/A	55.95	78.20	22.25
		26	0	11475.12	V	X	PK	43.87	11.27	N/A	55.14	74.00	18.86
		26	0	11475.85	V	X	AV	32.46	11.27	N/A	43.73	54.00	10.27
		SU	NA	11509.74	V	X	PK	44.32	11.40	N/A	55.72	74.00	18.28
		SU	NA	11510.00	V	X	AV	32.83	11.40	N/A	44.23	54.00	9.77
	159 (5795 MHz)	26	17	5854.76	H	Z	PK	49.06	3.62	N/A	52.68	78.20	25.52
		26	17	5865.12	H	Z	PK	48.71	3.69	N/A	52.40	68.20	15.80
		484	65	5825.34	H	Z	PK	49.90	3.62	N/A	53.52	78.20	24.68
		484	65	5861.40	H	Z	PK	48.67	3.69	N/A	52.36	68.20	15.84
		SU	NA	5856.24	H	Z	PK	48.70	3.62	N/A	52.32	78.20	25.88
		SU	NA	5860.28	H	Z	PK	47.32	3.69	N/A	51.01	68.20	17.19
		26	0	11554.70	V	X	PK	44.13	11.60	N/A	55.73	74.00	18.27
		26	0	11554.31	V	X	AV	32.84	11.60	N/A	44.44	54.00	9.56
		SU	NA	11590.27	V	X	PK	44.67	11.75	N/A	56.42	74.00	17.58
		SU	NA	11589.26	V	X	AV	33.02	11.75	N/A	44.77	54.00	9.23

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(CDD) & 802.11ax(HE40) & With Wireless charging pad*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 2C	102 (5510 MHz)	26	0	5459.12	V	X	PK	48.40	3.15	N/A	51.55	74.00	22.45
		26	0	5459.58	V	X	PK	37.74	3.15	N/A	40.89	54.00	13.11
		26	0	5465.24	V	X	AV	51.77	3.17	N/A	54.94	68.20	13.26
		26	0	10983.32	V	X	PK	43.51	10.97	N/A	54.48	74.00	19.52
		26	0	10982.84	V	X	AV	32.65	10.97	N/A	43.62	54.00	10.38

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(CDD) & 802.11ax(HE80) _Normal*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	42 (5210 MHz)	26	0	5127.31	H	Z	PK	58.22	1.84	N/A	60.06	74.00	13.94
		26	0	5148.31	H	Z	AV	40.72	1.84	N/A	42.56	54.00	11.44
		996	67	5149.58	H	Z	PK	60.08	1.84	N/A	61.92	74.00	12.08
		996	67	5149.43	H	Z	AV	45.15	1.84	N/A	46.99	54.00	7.01
		SU	NA	5148.46	H	Z	PK	53.50	1.84	N/A	55.34	74.00	18.66
		SU	NA	5149.76	H	Z	AV	43.02	1.84	N/A	44.86	54.00	9.14
		26	0	10344.81	V	X	PK	47.49	10.67	N/A	58.16	68.20	10.04
		SU	NA	10421.47	V	X	PK	44.39	10.63	N/A	55.02	68.20	13.18
U-NII 2A	58 (5290 MHz)	26	36	5368.59	H	Z	PK	57.84	2.98	N/A	60.82	74.00	13.18
		26	36	5367.98	H	Z	AV	41.40	2.98	N/A	44.38	54.00	9.62
		996	67	5357.34	H	Z	PK	58.86	2.98	N/A	61.84	74.00	12.16
		996	67	5357.53	H	Z	AV	47.75	2.98	N/A	50.73	54.00	3.27
		SU	NA	5351.65	H	Z	PK	60.43	2.98	N/A	63.41	74.00	10.59
		SU	NA	5350.18	H	Z	AV	46.52	2.98	N/A	49.50	54.00	4.50
		26	36	10655.85	V	X	PK	43.98	10.86	N/A	54.84	74.00	19.16
		26	36	10655.77	V	X	AV	33.17	10.86	N/A	44.03	54.00	9.97
		SU	NA	10579.11	V	X	PK	44.07	10.72	N/A	54.79	68.20	13.41
U-NII 2C	106 (5530 MHz)	26	0	5459.74	H	Z	PK	47.89	3.15	N/A	51.04	74.00	22.96
		26	0	5459.89	H	Z	AV	39.23	3.15	N/A	42.38	54.00	11.62
		26	0	5467.69	H	Z	PK	55.51	3.17	N/A	58.68	68.20	9.52
		996	67	5459.81	H	Z	PK	48.37	3.15	N/A	51.52	74.00	22.48
		996	67	5459.53	H	Z	AV	39.52	3.15	N/A	42.67	54.00	11.33
		996	67	5466.39	H	Z	PK	48.37	3.17	N/A	51.54	68.20	16.66
		SU	NA	5459.40	H	Z	PK	50.79	3.15	N/A	53.94	74.00	20.06
		SU	NA	5459.69	H	Z	AV	41.62	3.15	N/A	44.77	54.00	9.23
		SU	NA	5467.02	H	Z	PK	53.97	3.17	N/A	57.14	68.20	11.06
		26	0	10984.19	V	X	PK	44.75	10.96	N/A	55.71	74.00	18.29
		26	0	10984.09	V	X	AV	33.05	10.96	N/A	44.01	54.00	9.99
		SU	NA	11058.14	V	X	PK	44.23	10.93	N/A	55.16	74.00	18.84
		SU	NA	11057.77	V	X	AV	33.20	10.93	N/A	44.13	54.00	9.87
	122 (5610 MHz)	26	0	11144.21	V	X	PK	43.91	10.90	N/A	54.81	74.00	19.19
		26	0	11143.91	V	X	AV	32.62	10.90	N/A	43.52	54.00	10.48
		SU	NA	11218.94	V	X	PK	44.94	10.85	N/A	55.79	74.00	18.21
		SU	NA	11218.44	V	X	AV	33.02	10.85	N/A	43.87	54.00	10.13
	138 (5690 MHz)	26	0	11302.47	V	X	PK	43.82	10.74	N/A	54.56	74.00	19.44
		26	0	11302.20	V	X	AV	32.57	10.74	N/A	43.31	54.00	10.69
		SU	NA	11377.85	V	X	PK	43.93	10.95	N/A	54.88	74.00	19.12
		SU	NA	11378.31	V	X	AV	32.80	10.95	N/A	43.75	54.00	10.25
U-NII 3	155 (5775 MHz)	26	0	5714.36	Z	H	PK	55.76	3.17	N/A	58.93	68.20	9.27
		26	0	5724.90	Z	H	PK	61.96	2.97	N/A	64.93	78.20	13.27
		996	67	5714.93	Z	H	PK	54.47	3.17	N/A	57.64	68.20	10.56
		996	67	5724.94	Z	H	PK	56.46	2.97	N/A	59.43	78.20	18.77
		SU	NA	5704.87	Z	H	PK	53.00	3.17	N/A	56.17	68.20	12.03
		SU	NA	5724.59	Z	H	PK	53.65	2.97	N/A	56.62	78.20	21.58
		26	36	5854.72	Z	H	PK	55.50	3.62	N/A	59.12	78.20	19.08
		26	36	5861.98	Z	H	PK	52.01	3.69	N/A	55.70	68.20	12.50
		996	67	5852.30	Z	H	PK	54.95	3.62	N/A	58.57	78.20	19.63
		996	67	5866.22	Z	H	PK	53.97	3.69	N/A	57.66	68.20	10.54
		SU	NA	5853.40	Z	H	PK	51.62	3.62	N/A	55.24	78.20	22.96
		SU	NA	5865.98	Z	H	PK	50.69	3.69	N/A	54.38	68.20	13.82
		26	0	11475.85	Z	H	PK	43.74	11.27	N/A	55.01	74.00	18.99
		26	0	11476.09	Z	H	AV	32.54	11.27	N/A	43.81	54.00	10.19
		SU	NA	11547.91	Z	H	PK	44.72	11.57	N/A	56.29	74.00	17.71
		SU	NA	11547.86	Z	H	AV	32.70	11.57	N/A	44.27	54.00	9.73

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(CDD) & 802.11ax(HE80) & With Wireless charging pad*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	42 (5210 MHz)	996	67	5149.79	V	X	PK	54.78	1.84	N/A	56.62	74.00	17.38
		996	67	5149.90	V	X	AV	41.95	1.84	N/A	43.79	54.00	10.21
		26	0	10344.79	V	X	PK	48.53	10.67	N/A	59.20	74.00	14.80
U-NII 2A	58 (5290 MHz)	996	67	5351.29	V	X	PK	54.59	2.98	N/A	57.57	74.00	16.43
		996	67	5350.27	V	X	AV	41.35	2.98	N/A	44.33	54.00	9.67
		26	36	10656.25	V	X	PK	43.87	10.86	N/A	54.73	74.00	19.27
		26	36	10655.98	V	X	AV	32.97	10.86	N/A	43.83	54.00	10.17

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(SDM) & 802.11ax HE20*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	36 (5180 MHz)	26	0	5149.64	H	Z	PK	47.51	1.84	N/A	49.35	74.00	24.65
		26	0	5149.82	H	Z	AV	38.76	1.84	N/A	40.60	54.00	13.40
		242	61	5148.84	H	Z	PK	49.47	1.84	N/A	51.31	74.00	22.69
		242	61	5149.02	H	Z	AV	39.42	1.84	N/A	41.26	54.00	12.74
		SU	NA	5148.74	H	Z	PK	50.35	1.84	N/A	52.19	74.00	21.81
		SU	NA	5149.05	H	Z	AV	39.94	1.84	N/A	41.78	54.00	12.22
		26	0	10342.04	V	X	PK	47.40	10.68	N/A	58.08	68.20	10.12
		26	4	10361.44	V	X	PK	47.09	10.66	N/A	57.75	68.20	10.45
		SU	NA	10363.14	V	X	PK	44.58	10.66	N/A	55.24	68.20	12.96
	40 (5200 MHz)	26	0	10383.75	V	X	PK	46.38	10.64	N/A	57.02	68.20	11.18
		SU	NA	10399.79	V	X	PK	43.51	10.63	N/A	54.14	68.20	14.06
	48 (5240 MHz)	26	0	10463.58	V	X	PK	45.23	10.63	N/A	55.86	68.20	12.34
		SU	NA	10480.30	V	X	PK	44.07	10.63	N/A	54.70	68.20	13.50
U-NII 2A	52 (5260 MHz)	26	0	10503.39	V	X	PK	44.41	10.64	N/A	55.05	68.20	13.15
		SU	NA	10520.89	V	X	PK	43.79	10.66	N/A	54.45	68.20	13.75
	60 (5300 MHz)	26	8	10617.22	V	X	PK	44.39	10.77	N/A	55.16	74.00	18.84
		26	8	10616.88	V	X	AV	32.99	10.77	N/A	43.76	54.00	10.24
		SU	NA	10596.79	V	X	PK	42.91	10.75	N/A	53.66	68.20	14.54
		SU	NA	10596.82	V	X	AV	32.58	10.75	N/A	43.33	54.00	10.67
	64 (5320 MHz)	26	8	5350.18	H	Z	PK	48.19	2.98	N/A	51.17	74.00	22.83
		26	8	5350.42	H	Z	AV	38.30	2.98	N/A	41.28	54.00	12.72
		242	61	5350.14	H	Z	PK	50.45	2.98	N/A	53.43	74.00	20.57
		242	61	5350.25	H	Z	AV	38.53	2.98	N/A	41.51	54.00	12.49
		SU	NA	5350.21	H	Z	PK	48.64	2.98	N/A	51.62	74.00	22.38
		SU	NA	5350.84	H	Z	AV	38.54	2.98	N/A	41.52	54.00	12.48
		26	0	10623.68	V	X	PK	43.33	10.79	N/A	54.12	74.00	19.88
		26	0	10623.04	V	X	AV	32.79	10.79	N/A	43.58	54.00	10.42
		SU	NA	10645.69	V	X	PK	43.09	10.83	N/A	53.92	74.00	20.08
		SU	NA	10644.78	V	X	AV	32.02	10.83	N/A	42.85	54.00	11.15

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(SDM) & 802.11ax HE20*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 2C	100 (5500 MHz)	26	0	5458.54	H	Z	PK	48.80	3.15	N/A	51.95	74.00	22.05
		26	0	5459.48	H	Z	AV	37.84	3.15	N/A	40.99	54.00	13.01
		26	0	5464.85	H	Z	PK	49.30	3.17	N/A	52.47	68.20	15.73
		242	61	5459.40	H	Z	PK	46.83	3.15	N/A	49.98	74.00	24.02
		242	61	5459.61	H	Z	AV	37.31	3.15	N/A	40.46	54.00	13.54
		242	61	5468.94	H	Z	PK	46.48	3.17	N/A	49.65	68.20	18.55
		SU	NA	5459.68	H	Z	PK	48.08	3.15	N/A	51.23	74.00	22.77
		SU	NA	5459.62	H	Z	AV	37.92	3.15	N/A	41.07	54.00	12.93
		SU	NA	5465.49	H	Z	PK	49.26	3.17	N/A	52.43	68.20	15.77
		26	0	10983.17	V	X	PK	43.42	10.97	N/A	54.39	74.00	19.61
		26	0	10982.77	V	X	AV	32.66	10.97	N/A	43.63	54.00	10.37
		SU	NA	10998.90	V	X	PK	44.29	10.95	N/A	55.24	74.00	18.76
		SU	NA	10997.94	V	X	AV	32.49	10.95	N/A	43.44	54.00	10.56
	120 (5600 MHz)	26	0	11182.59	V	X	PK	44.11	10.88	N/A	54.99	74.00	19.01
		26	0	11182.85	V	X	AV	32.63	10.88	N/A	43.51	54.00	10.49
		SU	NA	11197.78	V	X	PK	45.13	10.87	N/A	56.00	74.00	18.00
		SU	NA	11198.03	V	X	AV	33.14	10.87	N/A	44.01	54.00	9.99
	144 (5720 MHz)	26	0	11424.76	V	X	PK	43.88	11.08	N/A	54.96	74.00	19.04
		26	0	11424.58	V	X	AV	32.78	11.08	N/A	43.86	54.00	10.14
		SU	NA	11441.77	V	X	PK	43.76	11.08	N/A	54.84	74.00	19.16
		SU	NA	11441.96	V	X	AV	32.13	11.08	N/A	43.21	54.00	10.79
U-NII 3	149 (5745 MHz)	26	0	5714.40	H	Z	PK	48.85	3.17	N/A	52.02	68.20	16.18
		26	0	5724.94	H	Z	PK	45.63	2.97	N/A	48.60	78.20	29.60
		242	61	5709.65	H	Z	PK	50.29	3.17	N/A	53.46	68.20	14.74
		242	61	5724.57	H	Z	PK	54.25	2.97	N/A	57.22	78.20	20.98
		SU	NA	5713.85	H	Z	PK	47.95	3.17	N/A	51.12	68.20	17.08
		SU	NA	5724.99	H	Z	PK	51.01	2.97	N/A	53.98	78.20	24.22
		26	0	11472.29	V	X	PK	43.26	11.27	N/A	54.53	74.00	19.47
		26	0	11472.29	V	X	AV	32.18	11.27	N/A	43.45	54.00	10.55
		SU	NA	11488.21	V	X	PK	43.31	11.32	N/A	54.63	74.00	19.37
		SU	NA	11488.48	V	X	AV	32.09	11.32	N/A	43.41	54.00	10.59
	157 (5785 MHz)	26	0	11554.03	V	X	PK	43.42	11.58	N/A	55.00	74.00	19.00
		26	0	11554.67	V	X	AV	32.42	11.58	N/A	44.00	54.00	10.00
		SU	NA	11569.02	V	X	PK	44.71	11.66	N/A	56.37	74.00	17.63
		SU	NA	11568.04	V	X	AV	32.90	11.66	N/A	44.56	54.00	9.44
	165 (5825 MHz)	26	8	5853.32	H	Z	PK	48.23	3.62	N/A	51.85	78.20	26.35
		26	8	5864.26	H	Z	PK	49.87	3.69	N/A	53.56	68.20	14.64
		242	61	5850.78	H	Z	PK	52.95	3.62	N/A	56.57	78.20	21.63
		242	61	5860.52	H	Z	PK	49.10	3.69	N/A	52.79	68.20	15.41
		SU	NA	5850.32	H	Z	PK	48.51	3.62	N/A	52.13	78.20	26.07
		SU	NA	5862.30	H	Z	PK	49.26	3.69	N/A	52.95	68.20	15.25
		26	0	11633.21	V	X	PK	44.43	11.80	N/A	56.23	74.00	17.77
		26	0	11634.47	V	X	AV	33.08	11.80	N/A	44.88	54.00	9.12
		SU	NA	11650.13	V	X	PK	44.31	11.80	N/A	56.11	74.00	17.89
		SU	NA	11650.30	V	X	AV	33.06	11.80	N/A	44.86	54.00	9.14

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(SDM) & 802.11ax(HE20) & With Wireless charging pad*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	36 (5180 MHz)	SU	NA	5149.34	V	X	PK	50.22	1.84	N/A	52.06	74.00	21.94
		SU	NA	5149.75	V	X	AV	40.62	1.84	N/A	42.46	54.00	11.54
		26	8	10376.58	V	X	PK	48.09	10.65	N/A	58.74	68.20	9.46
U-NII 3	165 (5825 MHz)	SU	NA	5850.17	V	X	PK	52.37	3.62	N/A	55.99	78.20	22.21
		SU	NA	5865.88	V	X	AV	50.91	3.69	N/A	54.60	68.20	13.60
		SU	NA	11649.47	V	X	PK	43.87	11.80	N/A	55.67	74.00	18.33
		SU	NA	11648.78	V	X	AV	33.05	11.80	N/A	44.85	54.00	9.15

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m

Radiated Spurious Emissions data(9 kHz ~ 40 GHz) : *MIMO(SDM) & 802.11ax(HE40)*

Band	Tested Channel	Tone	RU	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	T.F (dB/m)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	38 (5190 MHz)	26	0	5149.76	H	Z	PK	57.56	1.84	N/A	59.40	74.00	14.60
		26	0	5149.41	H	Z	AV	36.61	1.84	N/A	38.45	54.00	15.55
		484	65	5149.87	H	Z	PK	56.36	1.84	N/A	58.20	74.00	15.80
		484	65	5149.86	H	Z	AV	42.65	1.84	N/A	44.49	54.00	9.51
		SU	NA	5149.12	H	Z	PK	52.76	1.84	N/A	54.60	74.00	19.40
		SU	NA	5149.93	H	Z	AV	41.44	1.84	N/A	43.28	54.00	10.72
		26	0	10343.86	V	X	PK	45.90	10.68	N/A	56.58	68.20	11.62
		26	17	10415.63	V	X	PK	45.67	10.63	N/A	56.30	68.20	11.90
		SU	NA	10371.36	V	X	PK	44.20	10.64	N/A	54.84	68.20	13.36
	46 (5230 MHz)	26	0	10423.70	V	X	PK	47.18	10.63	N/A	57.81	68.20	10.39
		SU	NA	10539.06	V	X	PK	42.93	10.63	N/A	53.56	68.20	14.64
U-NII 2A	54 (5270 MHz)	26	0	10504.78	V	X	PK	45.08	10.64	N/A	55.72	68.20	12.48
		SU	NA	10539.06	V	X	PK	42.93	10.68	N/A	53.61	68.20	14.59
	62 (5310 MHz)	26	17	5352.25	H	Z	PK	56.38	2.98	N/A	59.36	74.00	14.64
		26	17	5351.93	H	Z	AV	39.41	2.98	N/A	42.39	54.00	11.61
		484	65	5350.22	H	Z	PK	60.11	2.98	N/A	63.09	74.00	10.91
		484	65	5350.07	H	Z	AV	42.32	2.98	N/A	45.30	54.00	8.70
		SU	NA	5350.25	H	Z	PK	50.53	2.98	N/A	53.51	74.00	20.49
		SU	NA	5350.03	H	Z	AV	40.63	2.98	N/A	43.61	54.00	10.39
		26	17	10656.24	V	X	PK	43.86	10.86	N/A	54.72	74.00	19.28
		26	17	10656.09	V	X	AV	33.38	10.86	N/A	44.24	54.00	9.76
		SU	NA	10618.92	V	X	PK	43.17	10.78	N/A	53.95	74.00	20.05
		SU	NA	10618.04	V	X	AV	31.59	10.78	N/A	42.37	54.00	11.63
U-NII 2C	102 (5510 MHz)	26	0	5459.90	H	Z	PK	48.44	3.15	N/A	51.59	74.00	22.41
		26	0	5459.75	H	Z	AV	37.84	3.15	N/A	40.99	54.00	13.01
		26	0	5465.77	H	Z	PK	53.17	3.17	N/A	56.34	68.20	11.86
		484	65	5459.51	H	Z	PK	47.82	3.15	N/A	50.97	74.00	23.03
		484	65	5459.76	H	Z	AV	37.42	3.15	N/A	40.57	54.00	13.43
		484	65	5465.51	H	Z	PK	52.82	3.17	N/A	55.99	68.20	12.21
		SU	NA	5459.36	H	Z	PK	47.00	3.15	N/A	50.15	74.00	23.85
		SU	NA	5459.43	H	Z	AV	37.46	3.15	N/A	40.61	54.00	13.39
		SU	NA	5466.93	H	Z	PK	48.81	3.17	N/A	51.98	68.20	16.22
		26	0	10984.57	V	X	PK	43.81	10.97	N/A	54.78	74.00	19.22
		26	0	10984.45	V	X	AV	32.51	10.97	N/A	43.48	54.00	10.52
		SU	NA	11019.86	V	X	PK	43.87	10.94	N/A	54.81	74.00	19.19
		SU	NA	11019.51	V	X	AV	32.65	10.94	N/A	43.59	54.00	10.41
	118 (5590 MHz)	26	0	11142.04	V	X	PK	42.91	10.90	N/A	53.81	74.00	20.19
		26	0	11142.54	V	X	AV	31.99	10.90	N/A	42.89	54.00	11.11
		SU	NA	11178.87	V	X	PK	44.42	10.88	N/A	55.30	74.00	18.70
		SU	NA	11178.42	V	X	AV	32.58	10.88	N/A	43.46	54.00	10.54
	142 (5710 MHz)	26	0	11382.20	V	X	PK	43.61	10.95	N/A	54.56	74.00	19.44
		26	0	11381.66	V	X	AV	32.29	10.95	N/A	43.24	54.00	10.76
		SU	NA	11421.41	V	X	PK	43.92	11.08	N/A	55.00	74.00	19.00
		SU	NA	11422.32	V	X	AV	32.24	11.08	N/A	43.32	54.00	10.68

Note.

1. The radiated emissions were investigated up to the 10th harmonic of the fundamental frequency. And no other spurious and harmonic emissions were found greater than listed emissions on above table.
2. Sample Calculation.
   Margin = Limit – Result / Result = Reading + T.F+ DCF / T.F = AF + CL – AG
   Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
   DCF = Distance Correction Factor
3. Information of Distance Factor
   For finding emissions, the test distance might be reduced from 3m to 1m. In this case, the distance factor(-9.54dB) is applied to the result.
   - Calculation of distance factor = 20 log(applied distance / required distance) = 20 log(1 m / 3 m) = -9.54 dB
   When distance factor is “N/A”, the distance is 3 m and distance factor is not applied.
4. The limit is converted to field strength.
   E[dBuV/m] = EIRP[dBm] + 95.2 dB = -27 dBm + 95.2 = 68.2 dBuV/m