

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	121.7 PK			1.96 H	96	120.0	1.7
2	*5300.00	110.9 AV			1.96 H	96	109.2	1.7
3	5350.00	54.3 PK	74.0	-19.7	1.96 H	96	52.4	1.9
4	5350.00	39.9 AV	54.0	-14.1	1.96 H	96	38.0	1.9
5	10600.00	49.3 PK	74.0	-24.7	1.57 H	335	37.4	11.9
6	10600.00	36.8 AV	54.0	-17.2	1.57 H	335	24.9	11.9
7	15900.00	61.8 PK	74.0	-12.2	1.29 H	287	50.5	11.3
8	15900.00	47.8 AV	54.0	-6.2	1.29 H	287	36.5	11.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	114.5 PK			1.85 V	127	112.8	1.7
2	*5300.00	103.8 AV			1.85 V	127	102.1	1.7
3	5350.00	51.2 PK	74.0	-22.8	1.85 V	127	49.3	1.9
4	5350.00	37.5 AV	54.0	-16.5	1.85 V	127	35.6	1.9
5	10600.00	50.8 PK	74.0	-23.2	2.74 V	250	38.9	11.9
6	10600.00	38.9 AV	54.0	-15.1	2.74 V	250	27.0	11.9
7	15900.00	59.9 PK	74.0	-14.1	1.51 V	268	48.6	11.3
8	15900.00	46.4 AV	54.0	-7.6	1.51 V	268	35.1	11.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	121.7 PK			1.98 H	109	119.9	1.8
2	*5320.00	110.8 AV			1.98 H	109	109.0	1.8
3	5356.70	65.5 PK	74.0	-8.5	1.98 H	109	63.5	2.0
4	5356.70	47.2 AV	54.0	-6.8	1.98 H	109	45.2	2.0
5	10640.00	49.4 PK	74.0	-24.6	1.48 H	328	37.6	11.8
6	10640.00	36.3 AV	54.0	-17.7	1.48 H	328	24.5	11.8
7	15960.00	62.2 PK	74.0	-11.8	1.33 H	292	50.6	11.6
8	15960.00	47.9 AV	54.0	-6.1	1.33 H	292	36.3	11.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	113.9 PK			1.76 V	115	112.1	1.8
2	*5320.00	103.5 AV			1.76 V	115	101.7	1.8
3	5355.00	58.6 PK	74.0	-15.4	1.76 V	115	56.6	2.0
4	5355.00	42.0 AV	54.0	-12.0	1.76 V	115	40.0	2.0
5	10640.00	50.5 PK	74.0	-23.5	2.73 V	255	38.7	11.8
6	10640.00	38.3 AV	54.0	-15.7	2.73 V	255	26.5	11.8
7	15960.00	60.6 PK	74.0	-13.4	1.49 V	260	49.0	11.6
8	15960.00	46.9 AV	54.0	-7.1	1.49 V	260	35.3	11.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5454.20	54.5 PK	74.0	-19.5	2.03 H	111	52.4	2.1
2	5454.20	43.6 AV	54.0	-10.4	2.03 H	111	41.5	2.1
3	5457.00	56.1 PK	74.0	-17.9	2.03 H	111	54.0	2.1
4	5457.00	43.0 AV	54.0	-11.0	2.03 H	111	40.9	2.1
5	#5462.20	66.6 PK	68.2	-1.6	2.03 H	111	64.5	2.1
6	*5500.00	120.6 PK			2.03 H	111	118.5	2.1
7	*5500.00	109.7 AV			2.03 H	111	107.6	2.1
8	11000.00	49.0 PK	74.0	-25.0	1.57 H	338	36.6	12.4
9	11000.00	36.2 AV	54.0	-17.8	1.57 H	338	23.8	12.4
10	#16500.00	62.1 PK	68.2	-6.1	1.30 H	282	48.4	13.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.8 PK	74.0	-23.2	1.70 V	114	48.7	2.1
2	5460.00	40.0 AV	54.0	-14.0	1.70 V	114	37.9	2.1
3	#5470.00	52.2 PK	68.2	-16.0	1.70 V	114	50.0	2.2
4	*5500.00	112.7 PK			1.70 V	114	110.6	2.1
5	*5500.00	102.6 AV			1.70 V	114	100.5	2.1
6	11000.00	50.8 PK	74.0	-23.2	2.72 V	260	38.4	12.4
7	11000.00	39.0 AV	54.0	-15.0	2.72 V	260	26.6	12.4
8	#16500.00	60.4 PK	68.2	-7.8	1.41 V	270	46.7	13.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	121.7 PK			2.03 H	123	119.6	2.1
2	*5580.00	110.6 AV			2.03 H	123	108.5	2.1
3	11160.00	49.5 PK	74.0	-24.5	1.57 H	333	37.5	12.0
4	11160.00	36.6 AV	54.0	-17.4	1.57 H	333	24.6	12.0
5	#16740.00	61.8 PK	68.2	-6.4	1.31 H	274	46.5	15.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	114.5 PK			1.80 V	119	112.4	2.1
2	*5580.00	104.0 AV			1.80 V	119	101.9	2.1
3	11160.00	50.9 PK	74.0	-23.1	2.70 V	255	38.9	12.0
4	11160.00	39.0 AV	54.0	-15.0	2.70 V	255	27.0	12.0
5	#16740.00	60.7 PK	68.2	-7.5	1.48 V	256	45.4	15.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	119.5 PK			2.01 H	108	117.2	2.3
2	*5700.00	108.8 AV			2.01 H	108	106.5	2.3
3	#5725.00	66.7 PK	68.2	-1.5	2.01 H	108	64.3	2.4
4	11400.00	49.4 PK	74.0	-24.6	1.49 H	326	36.9	12.5
5	11400.00	36.6 AV	54.0	-17.4	1.49 H	326	24.1	12.5
6	#17100.00	62.5 PK	68.2	-5.7	1.37 H	298	45.7	16.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	115.5 PK			1.74 V	106	113.2	2.3
2	*5700.00	101.1 AV			1.74 V	106	98.8	2.3
3	#5725.00	56.9 PK	68.2	-11.3	1.74 V	106	54.5	2.4
4	11400.00	50.9 PK	74.0	-23.1	2.78 V	251	38.4	12.5
5	11400.00	38.8 AV	54.0	-15.2	2.78 V	251	26.3	12.5
6	#17100.00	60.9 PK	68.2	-7.3	1.45 V	267	44.1	16.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.4 PK	74.0	-21.6	2.04 H	102	50.3	2.1
2	5460.00	38.6 AV	54.0	-15.4	2.04 H	102	36.5	2.1
3	#5470.00	53.1 PK	68.2	-15.1	2.04 H	102	50.9	2.2
4	*5720.00	121.8 PK			2.04 H	102	119.4	2.4
5	*5720.00	111.0 AV			2.04 H	102	108.6	2.4
6	#5850.00	52.5 PK	68.2	-15.7	2.04 H	102	49.8	2.7
7	11440.00	49.1 PK	74.0	-24.9	1.49 H	330	36.7	12.4
8	11440.00	36.4 AV	54.0	-17.6	1.49 H	330	24.0	12.4
9	#17160.00	62.3 PK	68.2	-5.9	1.37 H	294	45.7	16.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.4 PK	74.0	-22.6	1.83 V	125	49.3	2.1
2	5460.00	38.2 AV	54.0	-15.8	1.83 V	125	36.1	2.1
3	#5470.00	50.6 PK	68.2	-17.6	1.83 V	125	48.4	2.2
4	*5720.00	114.5 PK			1.83 V	125	112.1	2.4
5	*5720.00	104.0 AV			1.83 V	125	101.6	2.4
6	#5850.00	50.8 PK	68.2	-17.4	1.83 V	125	48.1	2.7
7	11440.00	50.5 PK	74.0	-23.5	2.74 V	258	38.1	12.4
8	11440.00	38.8 AV	54.0	-15.2	2.74 V	258	26.4	12.4
9	#17160.00	60.2 PK	68.2	-8.0	1.42 V	254	43.6	16.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.23	52.7 PK	68.2	-15.5	2.04 H	110	50.4	2.3
2	*5745.00	122.5 PK			2.04 H	110	120.1	2.4
3	*5745.00	113.2 AV			2.04 H	110	110.8	2.4
4	#5985.42	52.1 PK	68.2	-16.1	2.04 H	110	49.2	2.9
5	11490.00	49.5 PK	74.0	-24.5	1.55 H	350	36.9	12.6
6	11490.00	37.1 AV	54.0	-16.9	1.55 H	350	24.5	12.6
7	#17235.00	64.4 PK	68.2	-3.8	1.24 H	280	47.6	16.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5562.22	52.3 PK	68.2	-15.9	1.67 V	108	50.2	2.1
2	*5745.00	116.9 PK			1.67 V	108	114.5	2.4
3	*5745.00	106.3 AV			1.67 V	108	103.9	2.4
4	#5939.88	51.3 PK	68.2	-16.9	1.67 V	108	48.4	2.9
5	11490.00	50.7 PK	74.0	-23.3	2.72 V	234	38.1	12.6
6	11490.00	38.4 AV	54.0	-15.6	2.72 V	234	25.8	12.6
7	#17235.00	62.9 PK	68.2	-5.3	1.44 V	269	46.1	16.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5563.26	52.8 PK	68.2	-15.4	2.03 H	114	50.7	2.1
2	*5785.00	122.3 PK			2.03 H	114	119.7	2.6
3	*5785.00	113.1 AV			2.03 H	114	110.5	2.6
4	#5987.48	52.1 PK	68.2	-16.1	2.03 H	114	49.2	2.9
5	11570.00	49.7 PK	74.0	-24.3	1.49 H	358	37.1	12.6
6	11570.00	37.3 AV	54.0	-16.7	1.49 H	358	24.7	12.6
7	#17355.00	62.1 PK	68.2	-6.1	1.01 H	277	44.4	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5565.37	51.0 PK	68.2	-17.2	1.70 V	105	48.9	2.1
2	*5785.00	116.7 PK			1.70 V	105	114.1	2.6
3	*5785.00	106.2 AV			1.70 V	105	103.6	2.6
4	#5985.60	51.0 PK	68.2	-17.2	1.70 V	105	48.1	2.9
5	11570.00	50.4 PK	74.0	-23.6	2.73 V	248	37.8	12.6
6	11570.00	38.2 AV	54.0	-15.8	2.73 V	248	25.6	12.6
7	#17355.00	62.5 PK	68.2	-5.7	1.47 V	273	44.8	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5588.77	53.6 PK	68.2	-14.6	1.99 H	107	51.5	2.1
2	*5825.00	122.8 PK			1.99 H	107	120.2	2.6
3	*5825.00	113.3 AV			1.99 H	107	110.7	2.6
4	#5948.98	51.5 PK	68.2	-16.7	1.99 H	107	48.6	2.9
5	11650.00	49.6 PK	74.0	-24.4	1.51 H	346	37.4	12.2
6	11650.00	36.9 AV	54.0	-17.1	1.51 H	346	24.7	12.2
7	#17475.00	62.9 PK	68.2	-5.3	1.30 H	280	44.2	18.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5582.60	52.3 PK	68.2	-15.9	1.63 V	108	50.2	2.1
2	*5825.00	117.0 PK			1.63 V	108	114.4	2.6
3	*5825.00	106.4 AV			1.63 V	108	103.8	2.6
4	#5972.26	51.6 PK	68.2	-16.6	1.63 V	108	48.7	2.9
5	11650.00	51.1 PK	74.0	-22.9	2.75 V	238	38.9	12.2
6	11650.00	38.7 AV	54.0	-15.3	2.75 V	238	26.5	12.2
7	#17475.00	62.0 PK	68.2	-6.2	1.45 V	257	43.3	18.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 36 : 5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5148.36	72.5 PK	74.0	-1.5	2.03 H	100	70.2	2.3
2	5148.36	45.6 AV	54.0	-8.4	2.03 H	100	43.3	2.3
3	*5180.00	119.6 PK			2.03 H	100	117.4	2.2
4	*5180.00	108.2 AV			2.03 H	100	106.0	2.2
5	#10360.00	47.5 PK	68.2	-20.7	1.56 H	337	35.7	11.8
6	15540.00	58.4 PK	74.0	-15.6	1.13 H	281	46.6	11.8
7	15540.00	46.7 AV	54.0	-7.3	1.13 H	281	34.9	11.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.7 PK	74.0	-23.3	2.02 V	118	48.4	2.3
2	5150.00	40.8 AV	54.0	-13.2	2.02 V	118	38.5	2.3
3	*5180.00	112.7 PK			2.02 V	118	110.5	2.2
4	*5180.00	101.3 AV			2.02 V	118	99.1	2.2
5	#10360.00	48.2 PK	68.2	-20.0	2.76 V	255	36.4	11.8
6	15540.00	57.6 PK	74.0	-16.4	1.48 V	262	45.8	11.8
7	15540.00	45.5 AV	54.0	-8.5	1.48 V	262	33.7	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 40 : 5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	53.6 PK	74.0	-20.4	2.06 H	103	51.3	2.3
2	5150.00	39.4 AV	54.0	-14.6	2.06 H	103	37.1	2.3
3	*5200.00	120.8 PK			2.06 H	103	118.7	2.1
4	*5200.00	109.2 AV			2.06 H	103	107.1	2.1
5	#10400.00	48.0 PK	68.2	-20.2	1.62 H	351	36.0	12.0
6	15600.00	58.3 PK	74.0	-15.7	1.17 H	294	46.8	11.5
7	15600.00	46.3 AV	54.0	-7.7	1.17 H	294	34.8	11.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.5 PK	74.0	-23.5	2.00 V	102	48.2	2.3
2	5150.00	37.2 AV	54.0	-16.8	2.00 V	102	34.9	2.3
3	*5200.00	113.3 PK			2.00 V	102	111.2	2.1
4	*5200.00	102.3 AV			2.00 V	102	100.2	2.1
5	#10400.00	47.8 PK	68.2	-20.4	2.72 V	242	35.8	12.0
6	15600.00	58.0 PK	74.0	-16.0	1.46 V	275	46.5	11.5
7	15600.00	45.7 AV	54.0	-8.3	1.46 V	275	34.2	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 48 : 5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.3 PK	74.0	-19.7	2.07 H	89	52.0	2.3
2	5150.00	40.1 AV	54.0	-13.9	2.07 H	89	37.8	2.3
3	*5240.00	120.4 PK			2.07 H	89	118.4	2.0
4	*5240.00	108.8 AV			2.07 H	89	106.8	2.0
5	5350.00	52.7 PK	74.0	-21.3	2.07 H	89	50.8	1.9
6	5350.00	38.8 AV	54.0	-15.2	2.07 H	89	36.9	1.9
7	#10480.00	47.8 PK	68.2	-20.4	1.54 H	343	35.9	11.9
8	15720.00	59.0 PK	74.0	-15.0	1.18 H	289	47.2	11.8
9	15720.00	47.0 AV	54.0	-7.0	1.18 H	289	35.2	11.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	51.2 PK	74.0	-22.8	1.97 V	103	48.9	2.3
2	5150.00	38.0 AV	54.0	-16.0	1.97 V	103	35.7	2.3
3	*5240.00	113.1 PK			1.97 V	103	111.1	2.0
4	*5240.00	101.8 AV			1.97 V	103	99.8	2.0
5	5350.00	48.4 PK	74.0	-25.6	1.97 V	103	46.5	1.9
6	5350.00	36.9 AV	54.0	-17.1	1.97 V	103	35.0	1.9
7	#10480.00	47.8 PK	68.2	-20.4	2.75 V	256	35.9	11.9
8	15720.00	57.4 PK	74.0	-16.6	1.50 V	276	45.6	11.8
9	15720.00	45.4 AV	54.0	-8.6	1.50 V	276	33.6	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 52 : 5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.3 PK	74.0	-19.7	2.00 H	106	52.0	2.3
2	5150.00	40.2 AV	54.0	-13.8	2.00 H	106	37.9	2.3
3	*5260.00	120.8 PK			2.00 H	106	118.8	2.0
4	*5260.00	109.1 AV			2.00 H	106	107.1	2.0
5	5350.00	52.8 PK	74.0	-21.2	2.00 H	106	50.9	1.9
6	5350.00	39.2 AV	54.0	-14.8	2.00 H	106	37.3	1.9
7	#10520.00	47.1 PK	68.2	-21.1	1.51 H	342	35.1	12.0
8	15780.00	58.2 PK	74.0	-15.8	1.16 H	280	46.7	11.5
9	15780.00	46.6 AV	54.0	-7.4	1.16 H	280	35.1	11.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	50.8 PK	74.0	-23.2	1.95 V	99	48.5	2.3
2	5150.00	37.7 AV	54.0	-16.3	1.95 V	99	35.4	2.3
3	*5260.00	113.3 PK			1.95 V	99	111.3	2.0
4	*5260.00	102.2 AV			1.95 V	99	100.2	2.0
5	5350.00	48.4 PK	74.0	-25.6	1.95 V	99	46.5	1.9
6	5350.00	36.7 AV	54.0	-17.3	1.95 V	99	34.8	1.9
7	#10520.00	48.1 PK	68.2	-20.1	2.72 V	258	36.1	12.0
8	15780.00	57.7 PK	74.0	-16.3	1.44 V	264	46.2	11.5
9	15780.00	45.6 AV	54.0	-8.4	1.44 V	264	34.1	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 60 : 5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	120.3 PK			2.03 H	105	118.6	1.7
2	*5300.00	108.8 AV			2.03 H	105	107.1	1.7
3	5350.00	53.8 PK	74.0	-20.2	2.03 H	105	51.9	1.9
4	5350.00	39.5 AV	54.0	-14.5	2.03 H	105	37.6	1.9
5	10600.00	47.6 PK	74.0	-26.4	1.62 H	344	35.7	11.9
6	10600.00	36.2 AV	54.0	-17.8	1.62 H	344	24.3	11.9
7	15900.00	58.2 PK	74.0	-15.8	1.15 H	273	46.9	11.3
8	15900.00	46.8 AV	54.0	-7.2	1.15 H	273	35.5	11.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5300.00	113.7 PK			2.01 V	96	112.0	1.7
2	*5300.00	102.5 AV			2.01 V	96	100.8	1.7
3	5350.00	51.0 PK	74.0	-23.0	2.01 V	96	49.1	1.9
4	5350.00	37.7 AV	54.0	-16.3	2.01 V	96	35.8	1.9
5	10600.00	48.7 PK	74.0	-25.3	2.77 V	250	36.8	11.9
6	10600.00	37.7 AV	54.0	-16.3	2.77 V	250	25.8	11.9
7	15900.00	57.9 PK	74.0	-16.1	1.52 V	248	46.6	11.3
8	15900.00	45.7 AV	54.0	-8.3	1.52 V	248	34.4	11.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 64 : 5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	118.9 PK			2.01 H	101	117.1	1.8
2	*5320.00	107.7 AV			2.01 H	101	105.9	1.8
3	5351.20	72.5 PK	74.0	-1.5	2.01 H	101	70.6	1.9
4	5351.20	44.5 AV	54.0	-9.5	2.01 H	101	42.6	1.9
5	10640.00	47.1 PK	74.0	-26.9	1.54 H	325	35.3	11.8
6	10640.00	36.0 AV	54.0	-18.0	1.54 H	325	24.2	11.8
7	15960.00	58.1 PK	74.0	-15.9	1.15 H	293	46.5	11.6
8	15960.00	46.4 AV	54.0	-7.6	1.15 H	293	34.8	11.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	111.6 PK			1.98 V	115	109.8	1.8
2	*5320.00	100.7 AV			1.98 V	115	98.9	1.8
3	5354.70	63.5 PK	74.0	-10.5	1.98 V	115	61.5	2.0
4	5354.70	39.9 AV	54.0	-14.1	1.98 V	115	37.9	2.0
5	10640.00	48.0 PK	74.0	-26.0	2.77 V	262	36.2	11.8
6	10640.00	37.3 AV	54.0	-16.7	2.77 V	262	25.5	11.8
7	15960.00	57.4 PK	74.0	-16.6	1.54 V	247	45.8	11.6
8	15960.00	45.4 AV	54.0	-8.6	1.54 V	247	33.8	11.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 100 : 5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5455.60	56.9 PK	74.0	-17.1	2.04 H	103	54.8	2.1
2	5455.60	43.3 AV	54.0	-10.7	2.04 H	103	41.2	2.1
3	5457.70	54.5 PK	74.0	-19.5	2.04 H	103	52.4	2.1
4	5457.70	43.9 AV	54.0	-10.1	2.04 H	103	41.8	2.1
5	#5470.00	66.4 PK	68.2	-1.8	2.04 H	103	64.2	2.2
6	*5500.00	119.9 PK			2.04 H	103	117.8	2.1
7	*5500.00	108.3 AV			2.04 H	103	106.2	2.1
8	11000.00	47.5 PK	74.0	-26.5	1.54 H	352	35.1	12.4
9	11000.00	36.4 AV	54.0	-17.6	1.54 H	352	24.0	12.4
10	#16500.00	58.5 PK	68.2	-9.7	1.09 H	294	44.8	13.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5458.32	53.9 PK	74.0	-20.1	2.00 V	117	51.8	2.1
2	5458.32	39.0 AV	54.0	-15.0	2.00 V	117	36.9	2.1
3	#5470.00	62.6 PK	68.2	-5.6	2.00 V	117	60.4	2.2
4	*5500.00	112.3 PK			2.00 V	117	110.2	2.1
5	*5500.00	101.2 AV			2.00 V	117	99.1	2.1
6	11000.00	48.5 PK	74.0	-25.5	2.80 V	266	36.1	12.4
7	11000.00	37.6 AV	54.0	-16.4	2.80 V	266	25.2	12.4
8	#16500.00	57.4 PK	68.2	-10.8	1.47 V	247	43.7	13.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 116 : 5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	120.9 PK			2.07 H	102	118.8	2.1
2	*5580.00	109.6 AV			2.07 H	102	107.5	2.1
3	11160.00	47.5 PK	74.0	-26.5	1.60 H	324	35.5	12.0
4	11160.00	36.3 AV	54.0	-17.7	1.60 H	324	24.3	12.0
5	#16740.00	58.8 PK	68.2	-9.4	1.14 H	275	43.5	15.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	112.6 PK			2.02 V	95	110.5	2.1
2	*5580.00	101.9 AV			2.02 V	95	99.8	2.1
3	11160.00	48.0 PK	74.0	-26.0	2.79 V	248	36.0	12.0
4	11160.00	37.0 AV	54.0	-17.0	2.79 V	248	25.0	12.0
5	#16740.00	57.5 PK	68.2	-10.7	1.53 V	277	42.2	15.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 140 : 5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	120.1 PK			1.99 H	107	117.8	2.3
2	*5700.00	108.4 AV			1.99 H	107	106.1	2.3
3	#5732.01	66.4 PK	68.2	-1.8	1.99 H	107	63.9	2.5
4	11400.00	48.0 PK	74.0	-26.0	1.57 H	350	35.5	12.5
5	11400.00	36.8 AV	54.0	-17.2	1.57 H	350	24.3	12.5
6	#17100.00	58.6 PK	68.2	-9.6	1.14 H	272	41.8	16.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	119.8 PK			2.05 V	103	117.5	2.3
2	*5700.00	100.9 AV			2.05 V	103	98.6	2.3
3	#5725.00	58.4 PK	68.2	-9.8	2.05 V	103	56.0	2.4
4	11400.00	47.9 PK	74.0	-26.1	2.72 V	269	35.4	12.5
5	11400.00	37.3 AV	54.0	-16.7	2.72 V	269	24.8	12.5
6	#17100.00	57.1 PK	68.2	-11.1	1.54 V	247	40.3	16.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 144 : 5720 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	52.2 PK	74.0	-21.8	2.04 H	90	50.1	2.1
2	5460.00	38.6 AV	54.0	-15.4	2.04 H	90	36.5	2.1
3	#5470.00	52.8 PK	68.2	-15.4	2.04 H	90	50.6	2.2
4	*5720.00	120.9 PK			2.04 H	90	118.5	2.4
5	*5720.00	109.1 AV			2.04 H	90	106.7	2.4
6	#5850.00	52.3 PK	68.2	-15.9	2.04 H	90	49.6	2.7
7	11440.00	47.7 PK	74.0	-26.3	1.60 H	339	35.3	12.4
8	11440.00	36.7 AV	54.0	-17.3	1.60 H	339	24.3	12.4
9	#17160.00	58.6 PK	68.2	-9.6	1.15 H	295	42.0	16.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	51.5 PK	74.0	-22.5	1.97 V	101	49.4	2.1
2	5460.00	38.3 AV	54.0	-15.7	1.97 V	101	36.2	2.1
3	#5470.00	51.1 PK	68.2	-17.1	1.97 V	101	48.9	2.2
4	*5720.00	114.1 PK			1.97 V	101	111.7	2.4
5	*5720.00	102.9 AV			1.97 V	101	100.5	2.4
6	#5850.00	51.1 PK	68.2	-17.1	1.97 V	101	48.4	2.7
7	11440.00	47.8 PK	74.0	-26.2	2.77 V	251	35.4	12.4
8	11440.00	37.1 AV	54.0	-16.9	2.77 V	251	24.7	12.4
9	#17160.00	57.9 PK	68.2	-10.3	1.42 V	260	41.3	16.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 149 : 5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5620.26	53.3 PK	68.2	-14.9	2.06 H	110	51.2	2.1
2	*5745.00	121.2 PK			2.06 H	110	118.8	2.4
3	*5745.00	110.9 AV			2.06 H	110	108.5	2.4
4	#5931.05	51.4 PK	68.2	-16.8	2.06 H	110	48.5	2.9
5	11490.00	47.4 PK	74.0	-26.6	1.60 H	326	34.8	12.6
6	11490.00	36.3 AV	54.0	-17.7	1.60 H	326	23.7	12.6
7	#17235.00	58.2 PK	68.2	-10.0	1.18 H	294	41.4	16.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5587.12	50.1 PK	68.2	-18.1	1.97 V	127	48.0	2.1
2	*5745.00	114.9 PK			1.97 V	127	112.5	2.4
3	*5745.00	103.8 AV			1.97 V	127	101.4	2.4
4	#6000.87	51.6 PK	68.2	-16.6	1.97 V	127	48.7	2.9
5	11490.00	47.5 PK	74.0	-26.5	2.82 V	267	34.9	12.6
6	11490.00	36.9 AV	54.0	-17.1	2.82 V	267	24.3	12.6
7	#17235.00	58.4 PK	68.2	-9.8	1.49 V	247	41.6	16.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 157 : 5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5623.00	52.5 PK	68.2	-15.7	2.07 H	123	50.4	2.1
2	*5785.00	121.0 PK			2.07 H	123	118.4	2.6
3	*5785.00	110.8 AV			2.07 H	123	108.2	2.6
4	#6005.94	52.0 PK	68.2	-16.2	2.07 H	123	49.1	2.9
5	11570.00	47.5 PK	74.0	-26.5	1.50 H	354	34.9	12.6
6	11570.00	36.3 AV	54.0	-17.7	1.50 H	354	23.7	12.6
7	#17355.00	59.9 PK	68.2	-8.3	1.02 H	277	42.2	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5646.86	50.4 PK	68.2	-17.8	1.98 V	132	48.1	2.3
2	*5785.00	114.5 PK			1.98 V	132	111.9	2.6
3	*5785.00	103.6 AV			1.98 V	132	101.0	2.6
4	#5993.97	51.2 PK	68.2	-17.0	1.98 V	132	48.3	2.9
5	11570.00	48.1 PK	74.0	-25.9	2.78 V	264	35.5	12.6
6	11570.00	37.4 AV	54.0	-16.6	2.78 V	264	24.8	12.6
7	#17355.00	57.1 PK	68.2	-11.1	1.51 V	257	39.4	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 165 : 5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5581.55	53.7 PK	68.2	-14.5	2.10 H	102	51.6	2.1
2	*5825.00	121.6 PK			2.10 H	102	119.0	2.6
3	*5825.00	111.3 AV			2.10 H	102	108.7	2.6
4	#5933.57	51.9 PK	68.2	-16.3	2.10 H	102	49.0	2.9
5	11650.00	47.8 PK	74.0	-26.2	1.57 H	329	35.6	12.2
6	11650.00	36.5 AV	54.0	-17.5	1.57 H	329	24.3	12.2
7	#17475.00	58.2 PK	68.2	-10.0	1.17 H	292	39.5	18.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5577.50	51.1 PK	68.2	-17.1	2.03 V	130	49.0	2.1
2	*5825.00	114.9 PK			2.03 V	130	112.3	2.6
3	*5825.00	104.2 AV			2.03 V	130	101.6	2.6
4	#5957.59	51.1 PK	68.2	-17.1	2.03 V	130	48.2	2.9
5	11650.00	48.7 PK	74.0	-25.3	2.78 V	248	36.5	12.2
6	11650.00	37.7 AV	54.0	-16.3	2.78 V	248	25.5	12.2
7	#17475.00	57.4 PK	68.2	-10.8	1.49 V	274	38.7	18.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

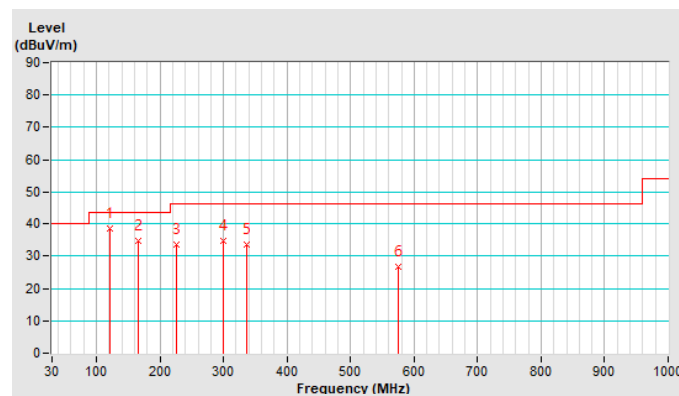
Below 1GHz Data:

RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	120.23	38.5 QP	43.5	-5.0	3.00 H	339	53.5	-15.0
2	166.32	34.6 QP	43.5	-8.9	2.00 H	147	47.7	-13.1
3	226.55	33.7 QP	46.0	-12.3	2.00 H	125	49.6	-15.9
4	298.69	34.8 QP	46.0	-11.2	1.50 H	77	47.1	-12.3
5	336.42	33.7 QP	46.0	-12.3	1.50 H	339	45.0	-11.3
6	575.10	26.7 QP	46.0	-19.3	1.50 H	111	32.9	-6.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

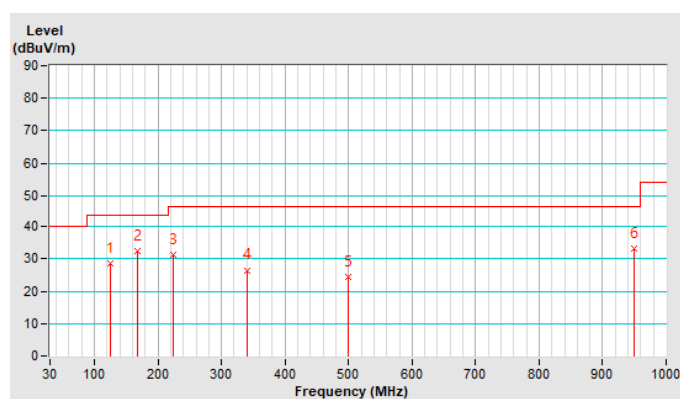


RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	125.55	28.5 QP	43.5	-15.0	1.00 V	43	43.0	-14.5
2	167.13	32.4 QP	43.5	-11.1	1.50 V	234	45.5	-13.1
3	223.46	31.4 QP	46.0	-14.6	1.00 V	138	47.4	-16.0
4	340.49	26.5 QP	46.0	-19.5	1.50 V	172	37.8	-11.3
5	498.55	24.5 QP	46.0	-21.5	1.50 V	37	32.2	-7.7
6	950.51	33.0 QP	46.0	-13.0	1.00 V	126	33.6	-0.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies.

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	847124/029	Oct. 20, 2020	Oct. 19, 2021
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 27, 2020	Oct. 26, 2021
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 26, 2021	Mar. 25, 2022
50 ohms Terminator	50	3	Oct. 26, 2020	Oct. 25, 2021
RF Cable	5D-FB	COCCAB-001	Sep. 26, 2020	Sep. 25, 2021
Fixed attenuator EMCI	STI02-2200-10	005	Aug. 29, 2020	Aug. 28, 2021
Software BVADT	BVADT_Cond_ V7.3.7.4	NA	NA	NA

Note:

1. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Conduction 1.
- 3 Tested Date: June 21 to July 08, 2021

4.2.3 Test Procedure

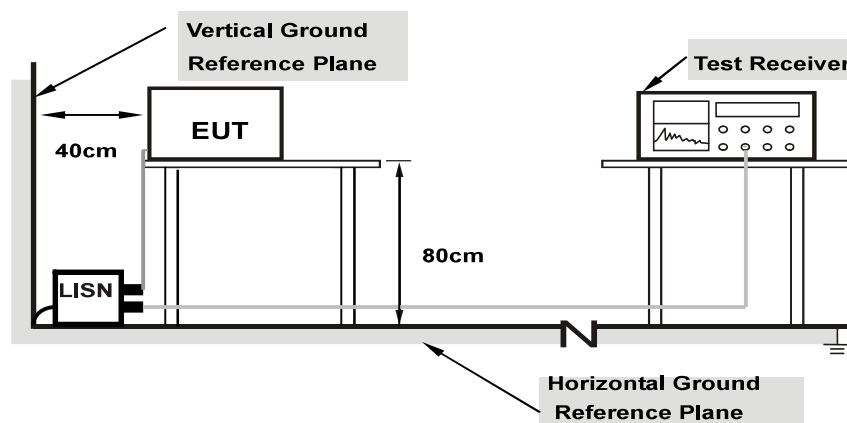
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

Note: All modes of operation were investigated and the worst-case emissions are reported.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.2.6 EUT Operating Condition

Same as 4.1.6.

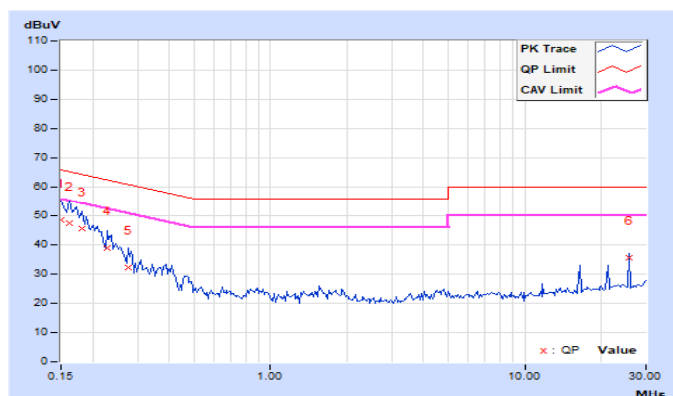
4.2.7 Test Results

RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9kHz

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.95	38.53	17.85	48.48	27.80	66.00	56.00	-17.52	-28.20
2	0.16172	9.95	37.51	18.06	47.46	28.01	65.38	55.38	-17.92	-27.37
3	0.18125	9.96	35.60	17.72	45.56	27.68	64.43	54.43	-18.87	-26.75
4	0.22812	9.97	29.05	14.20	39.02	24.17	62.52	52.52	-23.50	-28.35
5	0.27500	9.98	22.21	6.87	32.19	16.85	60.97	50.97	-28.78	-34.12
6	25.87109	11.24	24.23	24.05	35.47	35.29	60.00	50.00	-24.53	-14.71

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

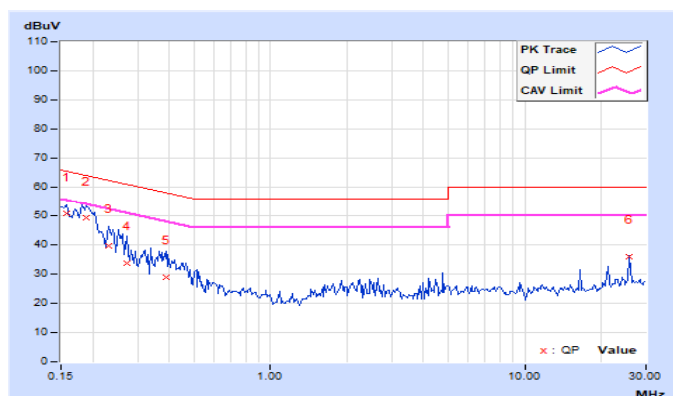


RF Mode	TX 802.11a	Channel	CH 157 : 5785 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9kHz

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.92	40.95	19.80	50.87	29.72	65.58	55.58	-14.71	-25.86
2	0.18906	9.94	39.30	19.95	49.24	29.89	64.08	54.08	-14.84	-24.19
3	0.23203	9.95	29.78	16.85	39.73	26.80	62.38	52.38	-22.65	-25.58
4	0.27109	9.95	23.93	9.41	33.88	19.36	61.08	51.08	-27.20	-31.72
5	0.38828	9.96	18.92	6.12	28.88	16.08	58.10	48.10	-29.22	-32.02
6	25.87500	10.91	24.86	24.57	35.77	35.48	60.00	50.00	-24.23	-14.52

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Client device	250mW (24 dBm)
U-NII-2A	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	√		1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

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

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

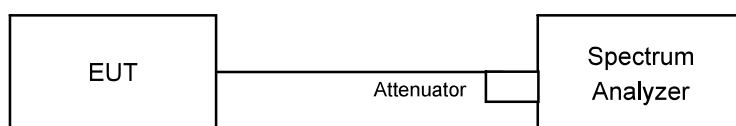
Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

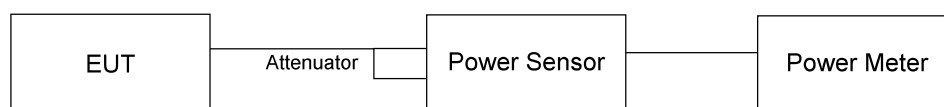
4.3.2 Test Setup

FOR POWER OUTPUT MEASUREMENT

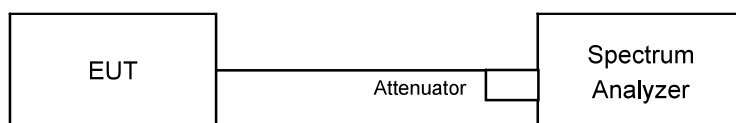
For channel straddling 5725MHz:



For other channels:



FOR 26dB OCCUPIED BANDWIDTH



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

FOR POWER OUTPUT MEASUREMENT

For channel straddling 5725MHz:

Follow FCC KDB 789033 UNII test procedure:

Method SA-2

1. Set span to encompass the emission bandwidth (EBW) of the signal.
2. Set RBW = 1MHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Number of points in sweep $\geq 2 \times$ Span / RBW.
5. Sweep time = auto.
6. Detector = RMS.
7. Trace average at least 100 traces in power averaging mode
8. Compute power by integrating the spectrum across the 26 dB EBW of the signal.
9. Duty factor need added to measured value (duty cycle < 98 percent).

For other channels:

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

FOR 26dB OCCUPIED BANDWIDTH

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 Test Results (Mode 1)

POWER OUTPUT

CDD Mode

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.87	18.74	151.907	21.82	24	Pass
40	5200	18.80	18.72	150.331	21.77	24	Pass
48	5240	18.86	18.65	150.195	21.77	24	Pass
52	5260	18.99	18.83	155.634	21.92	23.59	Pass
60	5300	19.01	18.85	156.352	21.94	23.58	Pass
64	5320	18.91	18.82	154.012	21.88	23.57	Pass
100	5500	18.23	18.06	130.501	21.16	23.57	Pass
116	5580	18.84	18.92	154.543	21.89	23.58	Pass
140	5700	17.98	18.31	130.57	21.16	23.58	Pass
*144 (U-NII-2C Band)	5720	17.32	17.67	112.43	20.51	22.54	Pass
*144 (U-NII-3 Band)	5720	8.71	9.23	15.805	11.99	30	Pass
149	5745	21.76	22.21	316.31	25.00	30	Pass
157	5785	22.34	22.47	348	25.42	30	Pass
165	5825	21.75	22.22	316.348	25.00	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	18.17	23.59 < 24
60	5300	18.14	23.58 < 24
64	5320	18.1	23.57 < 24
100	5500	18.09	23.57 < 24
116	5580	18.15	23.58 < 24
140	5700	18.13	23.58 < 24
144 (U-NII-2C Band)	5720	14.26	22.54 < 24

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	19.03	18.74	154.8	21.90	24	Pass
40	5200	19.10	18.79	156.966	21.96	24	Pass
48	5240	19.08	18.73	155.554	21.92	24	Pass
52	5260	18.99	18.90	156.875	21.96	24	Pass
60	5300	19.01	18.88	156.884	21.96	24	Pass
64	5320	19.11	18.79	157.154	21.96	24	Pass
100	5500	18.39	18.35	137.415	21.38	24	Pass
116	5580	18.91	18.91	155.607	21.92	24	Pass
140	5700	18.14	18.20	131.232	21.18	24	Pass
*144 (U-NII-2C Band)	5720	16.92	17.60	106.748	20.28	22.82	Pass
*144 (U-NII-3 Band)	5720	9.00	9.82	17.537	12.44	30	Pass
149	5745	21.62	22.02	304.432	24.83	30	Pass
157	5785	21.47	21.99	298.406	24.75	30	Pass
165	5825	21.47	21.93	296.237	24.72	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	20.34	24.08 > 24
60	5300	20.33	24.08 > 24
64	5320	20.32	24.07 > 24
100	5500	20.31	24.07 > 24
116	5580	20.32	24.07 > 24
140	5700	20.31	24.07 > 24
144 (U-NII-2C Band)	5720	15.21	22.82 < 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.57	16.55	90.58	19.57	24	Pass
46	5230	20.69	20.61	232.3	23.66	24	Pass
54	5270	20.54	20.92	236.835	23.74	24	Pass
62	5310	16.50	16.74	91.875	19.63	24	Pass
102	5510	15.17	15.27	66.536	18.23	24	Pass
110	5550	20.43	20.83	231.468	23.64	24	Pass
134	5670	18.51	18.61	143.568	21.57	24	Pass
*142 (U-NII-2C Band)	5710	19.34	19.95	184.757	22.67	24	Pass
*142 (U-NII-3 Band)	5710	6.21	6.52	8.666	9.38	30	Pass
151	5755	20.65	21.05	243.495	23.86	30	Pass
159	5795	20.58	21.06	241.932	23.84	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	51.5	28.11 > 24
62	5310	40.77	27.1 > 24
102	5510	40.71	27.09 > 24
110	5550	44.88	27.52 > 24
134	5670	40.76	27.1 > 24
142 (U-NII-2C Band)	5710	37.86	26.78 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	15.56	15.43	70.889	18.51	24	Pass
58	5290	16.86	16.62	94.449	19.75	24	Pass
106	5530	15.35	15.29	68.083	18.33	24	Pass
122	5610	18.86	19.10	158.196	21.99	24	Pass
*138 (U-NII-2C Band)	5690	18.96	19.29	163.623	22.14	24	Pass
*138 (U-NII-3 Band)	5690	4.44	4.82	5.814	7.64	30	Pass
155	5775	20.06	20.43	211.799	23.26	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.17	30.14 > 24
106	5530	82.24	30.15 > 24
122	5610	82.33	30.15 > 24
138 (U-NII-2C Band)	5690	76.21	29.82 > 24

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	19.32	19.01	165.123	22.18	24	Pass
40	5200	19.34	19.10	167.184	22.23	24	Pass
48	5240	19.35	19.01	165.715	22.19	24	Pass
52	5260	19.27	19.11	165.998	22.20	24	Pass
60	5300	19.26	19.08	165.243	22.18	24	Pass
64	5320	19.33	19.03	165.687	22.19	24	Pass
100	5500	18.64	18.62	145.892	21.64	24	Pass
116	5580	19.11	19.19	164.456	22.16	24	Pass
140	5700	18.32	18.38	136.786	21.36	24	Pass
*144 (U-NII-2C Band)	5720	17.46	17.86	116.813	20.67	22.82	Pass
*144 (U-NII-3 Band)	5720	9.61	10.10	19.374	12.87	30	Pass
149	5745	21.83	22.25	320.286	25.06	30	Pass
157	5785	21.75	22.21	315.965	25.00	30	Pass
165	5825	21.72	22.22	315.318	24.99	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	20.34	24.08 > 24
60	5300	20.33	24.08 > 24
64	5320	20.32	24.07 > 24
100	5500	20.31	24.07 > 24
116	5580	20.32	24.07 > 24
140	5700	20.31	24.07 > 24
144 (U-NII-2C Band)	5720	15.21	22.82 < 24

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.84	16.77	95.839	19.82	24	Pass
46	5230	20.94	20.90	247.192	23.93	24	Pass
54	5270	20.75	21.13	248.568	23.95	24	Pass
62	5310	16.79	16.96	97.412	19.89	24	Pass
102	5510	15.41	15.52	70.399	18.48	24	Pass
110	5550	20.69	21.06	244.863	23.89	24	Pass
134	5670	18.66	18.76	148.614	21.72	24	Pass
*142 (U-NII-2C Band)	5710	19.55	20.16	193.91	22.88	24	Pass
*142 (U-NII-3 Band)	5710	6.43	7.13	9.56	9.80	30	Pass
151	5755	20.87	21.30	257.076	24.10	30	Pass
159	5795	20.84	21.31	256.546	24.09	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	51.5	28.11 > 24
62	5310	40.77	27.1 > 24
102	5510	40.71	27.09 > 24
110	5550	44.88	27.52 > 24
134	5670	40.76	27.1 > 24
142 (U-NII-2C Band)	5710	37.86	26.78 > 24

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	15.76	15.67	74.568	18.73	24	Pass
58	5290	17.07	16.89	99.798	19.99	24	Pass
106	5530	15.52	15.46	70.801	18.50	24	Pass
122	5610	19.11	19.31	166.78	22.22	24	Pass
*138 (U-NII-2C Band)	5690	19.12	19.57	172.231	22.36	24	Pass
*138 (U-NII-3 Band)	5690	4.75	5.05	6.184	7.91	30	Pass
155	5775	20.26	20.72	224.202	23.51	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.17	30.14 > 24
106	5530	82.24	30.15 > 24
122	5610	82.33	30.15 > 24
138 (U-NII-2C Band)	5690	76.21	29.82 > 24

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
26/0	36	5180	9.32	9.81	18.123	12.58	24	Pass
26/4	40	5200	10.61	10.52	22.78	13.58	24	Pass
26/8	48	5240	9.42	9.83	18.366	12.64	24	Pass
26/0	52	5260	9.53	9.92	18.792	12.74	23.88	Pass
26/4	60	5300	10.69	10.53	23.02	13.62	23.45	Pass
26/8	64	5320	9.44	9.85	18.451	12.66	23.87	Pass
26/0	100	5500	9.75	9.81	19.013	12.79	23.88	Pass
26/4	116	5580	11.04	10.43	23.747	13.76	23.46	Pass
26/8	140	5700	9.64	9.99	19.181	12.83	23.88	Pass
26/8	*144 (U-NII-2 C Band)	5720	-18.34	-16.41	0.03751	-14.26	22.5	Pass
26/8	*144 (U-NII-3 Band)	5720	9.62	11.27	22.559	13.53	30	Pass
26/0	*144 (U-NII-2 C Band)	5720	9.60	11.06	21.884	13.40	22.86	Pass
26/0	*144 (U-NII-3 Band)	5720	-35.71	-33.40	0.0007256	-31.39	30	Pass
26/0	149	5745	21.47	21.67	287.174	24.58	30	Pass
26/4	157	5785	21.72	21.86	302.055	24.80	30	Pass
26/8	165	5825	21.53	21.75	291.856	24.65	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	19.43	23.88 < 24
60	5300	17.61	23.45 < 24
64	5320	19.37	23.87 < 24
100	5500	19.42	23.88 < 24
116	5580	17.65	23.46 < 24
140	5700	19.42	23.88 < 24
144 (U-NII-2C Band)	5720	14.13	22.5 < 24
144 (U-NII-2C Band)	5720	15.38	22.86 < 24

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
52/37	36	5180	11.44	11.92	29.491	14.70	24	Pass
52/39	40	5200	12.06	12.64	34.435	15.37	24	Pass
52/40	48	5240	11.34	11.74	28.542	14.55	24	Pass
52/37	52	5260	11.42	12.89	33.321	15.23	23.85	Pass
52/39	60	5300	12.23	12.92	36.299	15.60	23.59	Pass
52/40	64	5320	11.41	11.69	28.593	14.56	23.9	Pass
52/37	100	5500	11.54	12.01	30.142	14.79	23.85	Pass
52/39	116	5580	12.02	11.61	30.41	14.83	23.59	Pass
52/40	140	5700	10.95	11.16	25.507	14.07	23.89	Pass
52/40	*144 (U-NII-2 C Band)	5720	-9.91	-8.13	0.2559	-5.92	22.53	Pass
52/40	*144 (U-NII-3 Band)	5720	10.34	12.27	27.68	14.42	30	Pass
52/37	*144 (U-NII-2 C Band)	5720	13.22	12.29	37.933	15.79	22.81	Pass
52/37	*144 (U-NII-3 Band)	5720	-31.68	-33.52	0.0011238	-29.49	30	Pass
52/37	149	5745	22.27	22.33	339.657	25.31	30	Pass
52/39	157	5785	22.34	22.42	345.978	25.39	30	Pass
52/40	165	5825	22.29	22.39	342.814	25.35	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	19.3	23.85 < 24
60	5300	18.19	23.59 < 24
64	5320	19.5	23.9 < 24
100	5500	19.29	23.85 < 24
116	5580	18.17	23.59 < 24
140	5700	19.48	23.89 < 24
144 (U-NII-2C Band)	5720	14.24	22.53 < 24
144 (U-NII-2C Band)	5720	15.2	22.81 < 24

802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
106/53	36	5180	13.92	13.95	49.492	16.95	24	Pass
106/53	40	5200	13.86	13.98	49.325	16.93	24	Pass
106/54	48	5240	13.89	14.02	49.725	16.97	24	Pass
106/53	52	5260	13.88	13.81	48.478	16.86	23.86	Pass
106/54	60	5300	14.08	14.03	50.879	17.07	23.87	Pass
106/54	64	5320	14.09	13.99	50.706	17.05	23.87	Pass
106/53	100	5500	13.68	13.71	46.831	16.71	23.87	Pass
106/53	116	5580	13.41	13.58	44.731	16.51	23.86	Pass
106/54	140	5700	13.69	13.81	47.432	16.76	23.87	Pass
106/54	*144 (U-NII-2 C Band)	5720	11.36	12.09	29.858	14.75	22.53	Pass
106/54	*144 (U-NII-3 Band)	5720	8.92	9.68	17.088	12.33	30	Pass
106/53	*144 (U-NII-2 C Band)	5720	13.88	13.17	45.183	16.55	22.82	Pass
106/53	*144 (U-NII-3 Band)	5720	-29.23	-30.83	0.00202	-26.95	30	Pass
106/53	149	5745	22.27	22.37	341.239	25.33	30	Pass
106/54	157	5785	22.34	22.46	347.593	25.41	30	Pass
106/54	165	5825	22.29	22.43	344.418	25.37	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	19.36	23.86 < 24
60	5300	19.38	23.87 < 24
64	5320	19.39	23.87 < 24
100	5500	19.38	23.87 < 24
116	5580	19.35	23.86 < 24
140	5700	19.38	23.87 < 24
144 (U-NII-2C Band)	5720	14.25	22.53 < 24
144 (U-NII-2C Band)	5720	15.22	22.82 < 24