

Channel	TX Channel 116	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	114.1 PK			2.36 H	196	112.4	1.7
2	*5580.00	103.3 AV			2.36 H	196	101.6	1.7
3	11160.00	45.8 PK	74.0	-28.2	3.25 H	41	34.2	11.6
4	11160.00	37.6 AV	54.0	-16.4	3.25 H	41	26.0	11.6
5	#16740.00	53.1 PK	68.2	-15.1	1.16 H	36	38.4	14.7
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	*5580.00	112.2 PK			1.23 V	224	110.5	1.7
2	*5580.00	100.2 AV			1.23 V	224	98.5	1.7
3	11160.00	46.9 PK	74.0	-27.1	1.52 V	190	35.3	11.6
4	11160.00	38.7 AV	54.0	-15.3	1.52 V	190	27.1	11.6
5	#16740.00	53.4 PK	68.2	-14.8	1.33 V	29	38.7	14.7

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.

Channel	TX Channel 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	111.8 PK			2.31 H	198	110.0	1.8
2	*5700.00	99.6 AV			2.31 H	198	97.8	1.8
3	#5725.00	66.6 PK	68.2	-1.6	2.31 H	198	64.7	1.9
4	11400.00	45.5 PK	74.0	-28.5	3.23 H	20	32.7	12.8
5	11400.00	37.2 AV	54.0	-16.8	3.23 H	20	24.4	12.8
6	#17100.00	53.2 PK	68.2	-15.0	1.25 H	36	36.9	16.3

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	*5700.00	108.6 PK			1.20 V	214	106.8	1.8
2	*5700.00	97.3 AV			1.20 V	214	95.5	1.8
3	#5725.00	64.3 PK	68.2	-3.9	1.20 V	214	62.4	1.9
4	11400.00	46.7 PK	74.0	-27.3	1.43 V	186	33.9	12.8
5	11400.00	38.3 AV	54.0	-15.7	1.43 V	186	25.5	12.8
6	#17100.00	52.8 PK	68.2	-15.4	1.33 V	34	36.5	16.3

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.

Channel	TX Channel 144	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	52.5 PK	74.0	-21.5	1.61 H	184	50.9	1.6
2	5460.00	41.0 AV	54.0	-13.0	1.61 H	184	39.4	1.6
3	#5470.00	52.3 PK	68.2	-15.9	1.61 H	184	50.7	1.6
4	*5720.00	114.4 PK			1.61 H	184	112.5	1.9
5	*5720.00	102.6 AV			1.61 H	184	100.7	1.9
6	#5850.00	52.8 PK	68.2	-15.4	1.61 H	184	50.5	2.3
7	11440.00	45.7 PK	74.0	-28.3	3.22 H	31	33.1	12.6
8	11440.00	37.6 AV	54.0	-16.4	3.22 H	31	25.0	12.6
9	#17160.00	53.4 PK	68.2	-14.8	1.26 H	50	37.5	15.9
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	53.1 PK	74.0	-20.9	1.20 V	232	51.5	1.6
2	5460.00	41.4 AV	54.0	-12.6	1.20 V	232	39.8	1.6
3	#5470.00	52.6 PK	68.2	-15.6	1.20 V	232	51.0	1.6
4	*5720.00	112.3 PK			1.20 V	232	110.4	1.9
5	*5720.00	100.2 AV			1.20 V	232	98.3	1.9
6	#5850.00	53.2 PK	68.2	-15.0	1.20 V	232	50.9	2.3
7	11440.00	46.1 PK	74.0	-27.9	1.50 V	193	33.5	12.6
8	11440.00	38.1 AV	54.0	-15.9	1.50 V	193	25.5	12.6
9	#17160.00	53.8 PK	68.2	-14.4	1.36 V	24	37.9	15.9

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.

Channel	TX Channel 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5745.00	114.6 PK			2.42 H	185	112.7	1.9
2	*5745.00	103.1 AV			2.42 H	185	101.2	1.9
3	11490.00	45.9 PK	74.0	-28.1	3.27 H	18	33.4	12.5
4	11490.00	37.4 AV	54.0	-16.6	3.27 H	18	24.9	12.5
5	#17235.00	52.5 PK	68.2	-15.7	1.15 H	30	36.7	15.8
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	*5745.00	113.4 PK			1.26 V	306	111.5	1.9
2	*5745.00	101.6 AV			1.26 V	306	99.7	1.9
3	11490.00	47.1 PK	74.0	-26.9	1.53 V	184	34.6	12.5
4	11490.00	38.9 AV	54.0	-15.1	1.53 V	184	26.4	12.5
5	#17235.00	52.7 PK	68.2	-15.5	1.30 V	51	36.9	15.8

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.

Channel	TX Channel 157	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5785.00	114.7 PK			2.40 H	183	112.7	2.0
2	*5785.00	103.2 AV			2.40 H	183	101.2	2.0
3	11570.00	46.3 PK	74.0	-27.7	3.28 H	39	33.4	12.9
4	11570.00	37.7 AV	54.0	-16.3	3.28 H	39	24.8	12.9
5	#17355.00	52.6 PK	68.2	-15.6	1.16 H	34	35.8	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	*5785.00	113.2 PK			1.25 V	304	111.2	2.0
2	*5785.00	101.5 AV			1.25 V	304	99.5	2.0
3	11570.00	47.1 PK	74.0	-26.9	1.46 V	179	34.2	12.9
4	11570.00	39.1 AV	54.0	-14.9	1.46 V	179	26.2	12.9
5	#17355.00	52.4 PK	68.2	-15.8	1.38 V	52	35.6	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.

Channel	TX Channel 165	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5825.00	114.9 PK			2.39 H	185	112.7	2.2
2	*5825.00	103.3 AV			2.39 H	185	101.1	2.2
3	11650.00	45.7 PK	74.0	-28.3	3.22 H	20	32.8	12.9
4	11650.00	37.4 AV	54.0	-16.6	3.22 H	20	24.5	12.9
5	#17475.00	52.9 PK	68.2	-15.3	1.20 H	5	34.2	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	*5825.00	113.7 PK			1.27 V	306	111.5	2.2
2	*5825.00	102.4 AV			1.27 V	306	100.2	2.2
3	11650.00	46.7 PK	74.0	-27.3	1.48 V	193	33.8	12.9
4	11650.00	38.4 AV	54.0	-15.6	1.48 V	193	25.5	12.9
5	#17475.00	52.5 PK	68.2	-15.7	1.37 V	51	33.8	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.

802.11ax (HE40)

Channel	TX Channel 38	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	67.3 PK	74.0	-6.7	1.65 H	188	65.6	1.7
2	5150.00	52.1 AV	54.0	-1.9	1.65 H	188	50.4	1.7
3	*5190.00	107.4 PK			1.65 H	188	105.9	1.5
4	*5190.00	96.7 AV			1.65 H	188	95.2	1.5
5	#10380.00	45.6 PK	68.2	-22.6	3.19 H	25	34.3	11.3
6	15570.00	52.8 PK	74.0	-21.2	1.14 H	8	41.2	11.6
7	15570.00	41.7 AV	54.0	-12.3	1.14 H	8	30.1	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	5150.00	64.1 PK	74.0	-9.9	1.22 V	272	62.4	1.7
2	5150.00	51.8 AV	54.0	-2.2	1.22 V	272	50.1	1.7
3	*5190.00	105.8 PK			1.22 V	272	104.3	1.5
4	*5190.00	94.9 AV			1.22 V	272	93.4	1.5
5	#10380.00	47.1 PK	68.2	-21.1	1.54 V	190	35.8	11.3
6	15570.00	53.1 PK	74.0	-20.9	1.36 V	46	41.5	11.6
7	15570.00	41.8 AV	54.0	-12.2	1.36 V	46	30.2	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.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 46	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.5 PK	74.0	-22.5	1.35 H	184	49.8	1.7
2	5150.00	41.7 AV	54.0	-12.3	1.35 H	184	40.0	1.7
3	*5230.00	110.5 PK			1.35 H	184	109.2	1.3
4	*5230.00	98.2 AV			1.35 H	184	96.9	1.3
5	5350.00	51.2 PK	74.0	-22.8	1.35 H	184	49.8	1.4
6	5350.00	40.1 AV	54.0	-13.9	1.35 H	184	38.7	1.4
7	#10460.00	45.3 PK	68.2	-22.9	3.27 H	5	34.0	11.3
8	15690.00	53.1 PK	74.0	-20.9	1.28 H	31	41.9	11.2
9	15690.00	42.4 AV	54.0	-11.6	1.28 H	31	31.2	11.2
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	1.21 V	276	49.0	1.7
2	5150.00	40.8 AV	54.0	-13.2	1.21 V	276	39.1	1.7
3	*5230.00	107.9 PK			1.21 V	276	106.6	1.3
4	*5230.00	96.4 AV			1.21 V	276	95.1	1.3
5	5350.00	50.5 PK	74.0	-23.5	1.21 V	276	49.1	1.4
6	5350.00	39.2 AV	54.0	-14.8	1.21 V	276	37.8	1.4
7	#10460.00	46.3 PK	68.2	-21.9	1.46 V	195	35.0	11.3
8	15690.00	53.2 PK	74.0	-20.8	1.34 V	54	42.0	11.2
9	15690.00	42.0 AV	54.0	-12.0	1.34 V	54	30.8	11.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 54	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.1 PK	74.0	-22.9	1.33 H	184	49.4	1.7
2	5150.00	40.9 AV	54.0	-13.1	1.33 H	184	39.2	1.7
3	*5270.00	110.8 PK			1.33 H	184	109.6	1.2
4	*5270.00	98.4 AV			1.33 H	184	97.2	1.2
5	5350.00	58.5 PK	74.0	-15.5	1.33 H	184	57.1	1.4
6	5350.00	42.1 AV	54.0	-11.9	1.33 H	184	40.7	1.4
7	#10540.00	45.2 PK	68.2	-23.0	3.24 H	43	33.7	11.5
8	15810.00	53.4 PK	74.0	-20.6	1.15 H	34	42.8	10.6
9	15810.00	42.2 AV	54.0	-11.8	1.15 H	34	31.6	10.6

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	5150.00	50.9 PK	74.0	-23.1	1.25 V	274	49.2	1.7
2	5150.00	39.4 AV	54.0	-14.6	1.25 V	274	37.7	1.7
3	*5270.00	107.6 PK			1.25 V	274	106.4	1.2
4	*5270.00	95.9 AV			1.25 V	274	94.7	1.2
5	5350.00	50.8 PK	74.0	-23.2	1.25 V	274	49.4	1.4
6	5350.00	40.9 AV	54.0	-13.1	1.25 V	274	39.5	1.4
7	#10540.00	47.0 PK	68.2	-21.2	1.45 V	188	35.5	11.5
8	15810.00	53.1 PK	74.0	-20.9	1.39 V	50	42.5	10.6
9	15810.00	42.4 AV	54.0	-11.6	1.39 V	50	31.8	10.6

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.

Channel	TX Channel 62	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5310.00	108.9 PK			1.40 H	185	107.6	1.3
2	*5310.00	96.6 AV			1.40 H	185	95.3	1.3
3	5350.00	68.8 PK	74.0	-5.2	1.40 H	185	67.4	1.4
4	5350.00	51.8 AV	54.0	-2.2	1.40 H	185	50.4	1.4
5	10620.00	45.4 PK	74.0	-28.6	3.27 H	25	33.6	11.8
6	10620.00	36.9 AV	54.0	-17.1	3.27 H	25	25.1	11.8
7	15930.00	53.4 PK	74.0	-20.6	1.25 H	31	42.6	10.8
8	15930.00	42.3 AV	54.0	-11.7	1.25 H	31	31.5	10.8
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	*5310.00	106.5 PK			1.21 V	271	105.2	1.3
2	*5310.00	94.8 AV			1.21 V	271	93.5	1.3
3	5350.00	65.0 PK	74.0	-9.0	1.21 V	271	63.6	1.4
4	5350.00	50.0 AV	54.0	-4.0	1.21 V	271	48.6	1.4
5	10620.00	47.3 PK	74.0	-26.7	1.48 V	181	35.5	11.8
6	10620.00	38.8 AV	54.0	-15.2	1.48 V	181	27.0	11.8
7	15930.00	53.1 PK	74.0	-20.9	1.34 V	51	42.3	10.8
8	15930.00	42.2 AV	54.0	-11.8	1.34 V	51	31.4	10.8

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.

Channel	TX Channel 102	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	60.3 PK	74.0	-13.7	1.09 H	188	58.7	1.6
2	5460.00	45.0 AV	54.0	-9.0	1.09 H	188	43.4	1.6
3	#5467.34	66.7 PK	68.2	-1.5	1.09 H	188	65.1	1.6
4	*5510.00	107.1 PK			1.09 H	188	105.4	1.7
5	*5510.00	95.3 AV			1.09 H	188	93.6	1.7
6	11020.00	45.1 PK	74.0	-28.9	3.28 H	30	33.0	12.1
7	11020.00	36.8 AV	54.0	-17.2	3.28 H	30	24.7	12.1
8	#16530.00	52.8 PK	68.2	-15.4	1.21 H	25	39.2	13.6
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	56.5 PK	74.0	-17.5	1.16 V	197	54.9	1.6
2	5460.00	43.4 AV	54.0	-10.6	1.16 V	197	41.8	1.6
3	#5467.00	64.8 PK	68.2	-3.4	1.16 V	197	63.2	1.6
4	*5510.00	103.8 PK			1.16 V	197	102.1	1.7
5	*5510.00	93.1 AV			1.16 V	197	91.4	1.7
6	11020.00	47.5 PK	74.0	-26.5	1.52 V	194	35.4	12.1
7	11020.00	38.9 AV	54.0	-15.1	1.52 V	194	26.8	12.1
8	#16530.00	53.6 PK	68.2	-14.6	1.39 V	41	40.0	13.6

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.

Channel	TX Channel 110	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	53.8 PK	74.0	-20.2	1.50 H	188	52.2	1.6
2	5460.00	42.2 AV	54.0	-11.8	1.50 H	188	40.6	1.6
3	#5470.00	61.2 PK	68.2	-7.0	1.50 H	188	59.6	1.6
4	*5550.00	109.9 PK			1.50 H	188	108.2	1.7
5	*5550.00	98.9 AV			1.50 H	188	97.2	1.7
6	11100.00	45.7 PK	74.0	-28.3	3.21 H	26	34.1	11.6
7	11100.00	37.2 AV	54.0	-16.8	3.21 H	26	25.6	11.6
8	#16650.00	52.6 PK	68.2	-15.6	1.21 H	12	38.1	14.5
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	5460.00	51.6 PK	74.0	-22.4	1.29 V	268	50.0	1.6
2	5460.00	40.3 AV	54.0	-13.7	1.29 V	268	38.7	1.6
3	#5470.00	59.3 PK	68.2	-8.9	1.29 V	268	57.7	1.6
4	*5550.00	106.9 PK			1.29 V	268	105.2	1.7
5	*5550.00	95.5 AV			1.29 V	268	93.8	1.7
6	11100.00	46.5 PK	74.0	-27.5	1.50 V	179	34.9	11.6
7	11100.00	38.4 AV	54.0	-15.6	1.50 V	179	26.8	11.6
8	#16650.00	53.1 PK	68.2	-15.1	1.31 V	47	38.6	14.5

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.

Channel	TX Channel 134	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5670.00	109.3 PK			1.16 H	174	107.5	1.8
2	*5670.00	98.4 AV			1.16 H	174	96.6	1.8
3	#5725.00	65.4 PK	68.2	-2.8	1.16 H	174	63.5	1.9
4	11340.00	45.7 PK	74.0	-28.3	3.29 H	41	33.2	12.5
5	11340.00	37.0 AV	54.0	-17.0	3.29 H	41	24.5	12.5
6	#17010.00	53.0 PK	68.2	-15.2	1.25 H	22	36.8	16.2

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	*5670.00	106.1 PK			1.35 V	263	104.3	1.8
2	*5670.00	95.0 AV			1.35 V	263	93.2	1.8
3	#5725.00	63.2 PK	68.2	-5.0	1.35 V	263	61.3	1.9
4	11340.00	46.9 PK	74.0	-27.1	1.46 V	197	34.4	12.5
5	11340.00	38.4 AV	54.0	-15.6	1.46 V	197	25.9	12.5
6	#17010.00	53.0 PK	68.2	-15.2	1.33 V	40	36.8	16.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 142	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	52.5 PK	74.0	-21.5	1.29 H	175	50.9	1.6
2	5460.00	40.5 AV	54.0	-13.5	1.29 H	175	38.9	1.6
3	#5470.00	53.0 PK	68.2	-15.2	1.29 H	175	51.4	1.6
4	*5710.00	109.4 PK			1.29 H	175	107.6	1.8
5	*5710.00	98.6 AV			1.29 H	175	96.8	1.8
6	#5850.00	52.1 PK	68.2	-16.1	1.29 H	175	49.8	2.3
7	11420.00	45.6 PK	74.0	-28.4	3.19 H	16	32.9	12.7
8	11420.00	37.3 AV	54.0	-16.7	3.19 H	16	24.6	12.7
9	#17130.00	52.7 PK	68.2	-15.5	1.16 H	27	36.6	16.1
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	52.5 PK	74.0	-21.5	1.40 V	249	50.9	1.6
2	5460.00	40.4 AV	54.0	-13.6	1.40 V	249	38.8	1.6
3	#5470.00	52.7 PK	68.2	-15.5	1.40 V	249	51.1	1.6
4	*5710.00	106.9 PK			1.40 V	249	105.1	1.8
5	*5710.00	95.7 AV			1.40 V	249	93.9	1.8
6	#5850.00	51.6 PK	68.2	-16.6	1.40 V	249	49.3	2.3
7	11420.00	47.3 PK	74.0	-26.7	1.47 V	176	34.6	12.7
8	11420.00	39.1 AV	54.0	-14.9	1.47 V	176	26.4	12.7
9	#17130.00	53.2 PK	68.2	-15.0	1.39 V	37	37.1	16.1

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.

Channel	TX Channel 151	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5650.00	57.2 PK	68.2	-11.0	2.54 H	165	55.5	1.7
2	*5755.00	113.5 PK			2.54 H	165	111.6	1.9
3	*5755.00	101.9 AV			2.54 H	165	100.0	1.9
4	#6001.67	52.6 PK	68.2	-15.6	2.54 H	165	50.0	2.6
5	11510.00	45.8 PK	74.0	-28.2	3.28 H	27	33.3	12.5
6	11510.00	37.6 AV	54.0	-16.4	3.28 H	27	25.1	12.5
7	#17265.00	52.9 PK	68.2	-15.3	1.22 H	6	36.9	16.0

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	#5644.37	51.3 PK	68.2	-16.9	1.11 V	270	49.6	1.7
2	*5755.00	112.5 PK			1.11 V	270	110.6	1.9
3	*5755.00	100.6 AV			1.11 V	270	98.7	1.9
4	#5970.36	52.3 PK	68.2	-15.9	1.11 V	270	49.8	2.5
5	11510.00	46.4 PK	74.0	-27.6	1.47 V	195	33.9	12.5
6	11510.00	38.3 AV	54.0	-15.7	1.47 V	195	25.8	12.5
7	#17265.00	53.7 PK	68.2	-14.5	1.38 V	47	37.7	16.0

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.

Channel	TX Channel 159	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5795.00	113.8 PK			2.53 H	166	111.7	2.1
2	*5795.00	102.1 AV			2.53 H	166	100.0	2.1
3	11590.00	45.6 PK	74.0	-28.4	3.21 H	35	32.8	12.8
4	11590.00	36.9 AV	54.0	-17.1	3.21 H	35	24.1	12.8
5	#17385.00	52.9 PK	68.2	-15.3	1.21 H	36	35.6	17.3
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	*5795.00	112.9 PK			1.22 V	269	110.8	2.1
2	*5795.00	101.1 AV			1.22 V	269	99.0	2.1
3	11590.00	46.7 PK	74.0	-27.3	1.43 V	183	33.9	12.8
4	11590.00	38.3 AV	54.0	-15.7	1.43 V	183	25.5	12.8
5	#17385.00	53.4 PK	68.2	-14.8	1.40 V	26	36.1	17.3

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.

802.11ax (HE80)

Channel	TX Channel 42	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	70.0 PK	74.0	-4.0	1.20 H	175	68.3	1.7
2	5150.00	52.1 AV	54.0	-1.9	1.20 H	175	50.4	1.7
3	*5210.00	102.8 PK			1.20 H	175	101.4	1.4
4	*5210.00	92.6 AV			1.20 H	175	91.2	1.4
5	5350.00	52.6 PK	74.0	-21.4	1.20 H	175	51.2	1.4
6	5350.00	41.2 AV	54.0	-12.8	1.20 H	175	39.8	1.4
7	#10420.00	45.7 PK	68.2	-22.5	3.25 H	45	34.3	11.4
8	15630.00	52.4 PK	74.0	-21.6	1.19 H	36	41.0	11.4
9	15630.00	41.5 AV	54.0	-12.5	1.19 H	36	30.1	11.4

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	66.5 PK	74.0	-7.5	1.09 V	316	64.8	1.7
2	5150.00	50.0 AV	54.0	-4.0	1.09 V	316	48.3	1.7
3	*5210.00	101.2 PK			1.09 V	316	99.8	1.4
4	*5210.00	90.5 AV			1.09 V	316	89.1	1.4
5	5350.00	51.6 PK	74.0	-22.4	1.09 V	316	50.2	1.4
6	5350.00	41.0 AV	54.0	-13.0	1.09 V	316	39.6	1.4
7	#10420.00	47.0 PK	68.2	-21.2	1.53 V	193	35.6	11.4
8	15630.00	53.1 PK	74.0	-20.9	1.36 V	52	41.7	11.4
9	15630.00	41.8 AV	54.0	-12.2	1.36 V	52	30.4	11.4

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.

Channel	TX Channel 58	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.3 PK	74.0	-22.7	1.21 H	176	49.6	1.7
2	5150.00	41.0 AV	54.0	-13.0	1.21 H	176	39.3	1.7
3	*5290.00	101.9 PK			1.21 H	176	100.7	1.2
4	*5290.00	92.5 AV			1.21 H	176	91.3	1.2
5	5350.00	66.5 PK	74.0	-7.5	1.21 H	176	65.1	1.4
6	5350.00	52.2 AV	54.0	-1.8	1.21 H	176	50.8	1.4
7	#10580.00	46.0 PK	68.2	-22.2	3.19 H	40	34.3	11.7
8	15870.00	53.7 PK	74.0	-20.3	1.16 H	15	43.1	10.6
9	15870.00	42.5 AV	54.0	-11.5	1.16 H	15	31.9	10.6
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	5150.00	51.9 PK	74.0	-22.1	1.10 V	315	50.2	1.7
2	5150.00	40.5 AV	54.0	-13.5	1.10 V	315	38.8	1.7
3	*5290.00	109.9 PK			1.10 V	315	108.7	1.2
4	*5290.00	90.4 AV			1.10 V	315	89.2	1.2
5	5350.00	64.5 PK	74.0	-9.5	1.10 V	315	63.1	1.4
6	5350.00	50.3 AV	54.0	-3.7	1.10 V	315	48.9	1.4
7	#10580.00	47.5 PK	68.2	-20.7	1.40 V	178	35.8	11.7
8	15870.00	53.1 PK	74.0	-20.9	1.33 V	25	42.5	10.6
9	15870.00	42.0 AV	54.0	-12.0	1.33 V	25	31.4	10.6

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.

Channel	TX Channel 106	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	64.6 PK	74.0	-9.4	1.52 H	178	63.0	1.6
2	5460.00	49.0 AV	54.0	-5.0	1.52 H	178	47.4	1.6
3	#5467.00	66.5 PK	68.2	-1.7	1.52 H	178	64.9	1.6
4	*5530.00	101.5 PK			1.52 H	178	99.8	1.7
5	*5530.00	92.4 AV			1.52 H	178	90.7	1.7
6	#5725.00	51.4 PK	68.2	-16.8	1.52 H	178	49.5	1.9
7	11060.00	45.6 PK	74.0	-28.4	3.28 H	28	33.8	11.8
8	11060.00	37.2 AV	54.0	-16.8	3.28 H	28	25.4	11.8
9	#16590.00	53.7 PK	68.2	-14.5	1.15 H	30	39.5	14.2
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	59.9 PK	74.0	-14.1	1.12 V	314	58.3	1.6
2	5460.00	45.9 AV	54.0	-8.1	1.12 V	314	44.3	1.6
3	#5468.51	61.1 PK	68.2	-7.1	1.12 V	314	59.5	1.6
4	*5530.00	100.1 PK			1.12 V	314	98.4	1.7
5	*5530.00	89.7 AV			1.12 V	314	88.0	1.7
6	#5725.00	50.3 PK	68.2	-17.9	1.12 V	314	48.4	1.9
7	11060.00	46.3 PK	74.0	-27.7	1.48 V	199	34.5	11.8
8	11060.00	38.1 AV	54.0	-15.9	1.48 V	199	26.3	11.8
9	#16590.00	53.0 PK	68.2	-15.2	1.33 V	37	38.8	14.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 122	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5610.00	107.0 PK			2.34 H	179	105.4	1.6
2	*5610.00	96.4 AV			2.34 H	179	94.8	1.6
3	#5725.00	66.4 PK	68.2	-1.8	2.34 H	179	64.5	1.9
4	11220.00	45.6 PK	74.0	-28.4	3.30 H	36	33.9	11.7
5	11220.00	37.2 AV	54.0	-16.8	3.30 H	36	25.5	11.7
6	#16830.00	52.8 PK	68.2	-15.4	1.24 H	13	37.7	15.1

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	*5610.00	104.9 PK			1.12 V	328	103.3	1.6
2	*5610.00	94.1 AV			1.12 V	328	92.5	1.6
3	#5725.00	63.6 PK	68.2	-4.6	1.12 V	328	61.7	1.9
4	11220.00	47.2 PK	74.0	-26.8	1.47 V	180	35.5	11.7
5	11220.00	38.6 AV	54.0	-15.4	1.47 V	180	26.9	11.7
6	#16830.00	53.1 PK	68.2	-15.1	1.40 V	32	38.0	15.1

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.

Channel	TX Channel 138	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.1 PK	74.0	-22.9	2.30 H	180	49.5	1.6
2	5460.00	40.5 AV	54.0	-13.5	2.30 H	180	38.9	1.6
3	#5470.00	52.6 PK	68.2	-15.6	2.30 H	180	51.0	1.6
4	*5690.00	106.9 PK			2.30 H	180	105.2	1.7
5	*5690.00	96.5 AV			2.30 H	180	94.8	1.7
6	#5850.00	62.7 PK	68.2	-5.5	2.30 H	180	60.4	2.3
7	11380.00	45.5 PK	74.0	-28.5	3.20 H	21	32.9	12.6
8	11380.00	37.2 AV	54.0	-16.8	3.20 H	21	24.6	12.6
9	#17070.00	53.1 PK	68.2	-15.1	1.31 H	24	36.9	16.2
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	51.1 PK	74.0	-22.9	1.15 V	332	49.5	1.6
2	5460.00	40.8 AV	54.0	-13.2	1.15 V	332	39.2	1.6
3	#5470.00	52.8 PK	68.2	-15.4	1.15 V	332	51.2	1.6
4	*5690.00	104.8 PK			1.15 V	332	103.1	1.7
5	*5690.00	94.0 AV			1.15 V	332	92.3	1.7
6	#5850.00	60.5 PK	68.2	-7.7	1.15 V	332	58.2	2.3
7	11380.00	46.3 PK	74.0	-27.7	1.46 V	175	33.7	12.6
8	11380.00	38.3 AV	54.0	-15.7	1.46 V	175	25.7	12.6
9	#17070.00	52.7 PK	68.2	-15.5	1.41 V	37	36.5	16.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 155	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5775.00	107.1 PK			2.72 H	164	105.1	2.0
2	*5775.00	97.2 AV			2.72 H	164	95.2	2.0
3	11550.00	45.9 PK	74.0	-28.1	3.23 H	32	33.2	12.7
4	11550.00	37.2 AV	54.0	-16.8	3.23 H	32	24.5	12.7
5	#17325.00	52.6 PK	68.2	-15.6	1.20 H	34	36.2	16.4

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	*5775.00	105.4 PK			1.15 V	317	103.4	2.0
2	*5775.00	94.5 AV			1.15 V	317	92.5	2.0
3	11550.00	47.1 PK	74.0	-26.9	1.44 V	189	34.4	12.7
4	11550.00	38.6 AV	54.0	-15.4	1.44 V	189	25.9	12.7
5	#17325.00	53.1 PK	68.2	-15.1	1.34 V	24	36.7	16.4

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.

802.11ax (RU26)

Channel	TX Channel 36	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	52.8 PK	74.0	-21.2	1.12 H	173	51.1	1.7
2	5150.00	41.0 AV	54.0	-13.0	1.12 H	173	39.3	1.7
3	*5180.00	112.9 PK			1.12 H	173	111.4	1.5
4	*5180.00	102.6 AV			1.12 H	173	101.1	1.5
5	#10343.00	46.9 PK	68.2	-21.3	2.12 H	76	35.8	11.1
6	15514.50	45.9 PK	74.0	-28.1	1.37 H	78	34.2	11.7
7	15514.50	32.0 AV	54.0	-22.0	1.37 H	78	20.3	11.7

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	5150.00	51.8 PK	74.0	-22.2	1.29 V	265	50.1	1.7
2	5150.00	39.8 AV	54.0	-14.2	1.29 V	265	38.1	1.7
3	*5180.00	108.2 PK			1.29 V	265	106.7	1.5
4	*5180.00	98.4 AV			1.29 V	265	96.9	1.5
5	#10343.00	47.0 PK	68.2	-21.2	1.28 V	81	35.9	11.1
6	15514.50	46.9 PK	74.0	-27.1	1.90 V	109	35.2	11.7
7	15514.50	33.6 AV	54.0	-20.4	1.90 V	109	21.9	11.7

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.

Channel	TX Channel 40	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	53.0 PK	74.0	-21.0	1.09 H	165	51.3	1.7
2	5150.00	41.3 AV	54.0	-12.7	1.09 H	165	39.6	1.7
3	*5200.00	112.8 PK			1.09 H	165	111.4	1.4
4	*5200.00	102.5 AV			1.09 H	165	101.1	1.4
5	#10400.00	46.8 PK	68.2	-21.4	2.13 H	78	35.3	11.5
6	15600.00	46.0 PK	74.0	-28.0	1.36 H	63	34.5	11.5
7	15600.00	32.4 AV	54.0	-21.6	1.36 H	63	20.9	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	51.8 PK	74.0	-22.2	1.32 V	256	50.1	1.7
2	5150.00	39.5 AV	54.0	-14.5	1.32 V	256	37.8	1.7
3	*5200.00	108.3 PK			1.32 V	256	106.9	1.4
4	*5200.00	98.3 AV			1.32 V	256	96.9	1.4
5	#10400.00	47.1 PK	68.2	-21.1	1.25 V	96	35.6	11.5
6	15600.00	47.2 PK	74.0	-26.8	1.86 V	109	35.7	11.5
7	15600.00	34.0 AV	54.0	-20.0	1.86 V	109	22.5	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.

Channel	TX Channel 48	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	53.1 PK	74.0	-20.9	1.16 H	176	51.4	1.7
2	5150.00	41.4 AV	54.0	-12.6	1.16 H	176	39.7	1.7
3	*5240.00	113.3 PK			1.16 H	176	112.1	1.2
4	*5240.00	102.8 AV			1.16 H	176	101.6	1.2
5	#10497.00	47.5 PK	68.2	-20.7	2.10 H	77	36.1	11.4
6	15745.50	46.0 PK	74.0	-28.0	1.38 H	68	35.1	10.9
7	15745.50	32.0 AV	54.0	-22.0	1.38 H	68	21.1	10.9

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	52.4 PK	74.0	-21.6	1.27 V	251	50.7	1.7
2	5150.00	40.1 AV	54.0	-13.9	1.27 V	251	38.4	1.7
3	*5240.00	107.8 PK			1.27 V	251	106.6	1.2
4	*5240.00	98.0 AV			1.27 V	251	96.8	1.2
5	#10497.00	46.6 PK	68.2	-21.6	1.23 V	80	35.2	11.4
6	15745.50	46.4 PK	74.0	-27.6	1.90 V	116	35.5	10.9
7	15745.50	33.4 AV	54.0	-20.6	1.90 V	116	22.5	10.9

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.

Channel	TX Channel 52	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5260.00	113.2 PK			1.07 H	185	112.0	1.2
2	*5260.00	103.1 AV			1.07 H	185	101.9	1.2
3	5350.00	52.5 PK	74.0	-21.5	1.07 H	185	51.1	1.4
4	5350.00	40.7 AV	54.0	-13.3	1.07 H	185	39.3	1.4
5	#10503.00	47.1 PK	68.2	-21.1	2.06 H	61	35.7	11.4
6	15754.50	46.3 PK	74.0	-27.7	1.33 H	94	35.5	10.8
7	15754.50	32.1 AV	54.0	-21.9	1.33 H	94	21.3	10.8

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	*5260.00	108.2 PK			1.34 V	255	107.0	1.2
2	*5260.00	98.2 AV			1.34 V	255	97.0	1.2
3	5350.00	52.0 PK	74.0	-22.0	1.34 V	255	50.6	1.4
4	5350.00	39.8 AV	54.0	-14.2	1.34 V	255	38.4	1.4
5	#10503.00	46.7 PK	68.2	-21.5	1.26 V	87	35.3	11.4
6	15754.50	46.7 PK	74.0	-27.3	1.92 V	95	35.9	10.8
7	15754.50	33.5 AV	54.0	-20.5	1.92 V	95	22.7	10.8

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.

Channel	TX Channel 60	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	113.1 PK			1.09 H	175	111.9	1.2
2	*5300.00	102.9 AV			1.09 H	175	101.7	1.2
3	5350.00	52.4 PK	74.0	-21.6	1.09 H	175	51.0	1.4
4	5350.00	40.6 AV	54.0	-13.4	1.09 H	175	39.2	1.4
5	10600.00	46.5 PK	74.0	-27.5	2.17 H	78	34.7	11.8
6	10600.00	35.5 AV	54.0	-18.5	2.17 H	78	23.7	11.8
7	15900.00	45.8 PK	74.0	-28.2	1.39 H	77	35.1	10.7
8	15900.00	32.1 AV	54.0	-21.9	1.39 H	77	21.4	10.7
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	*5300.00	108.3 PK			1.25 V	254	107.1	1.2
2	*5300.00	98.5 AV			1.25 V	254	97.3	1.2
3	5350.00	52.1 PK	74.0	-21.9	1.25 V	254	50.7	1.4
4	5350.00	40.1 AV	54.0	-13.9	1.25 V	254	38.7	1.4
5	10600.00	46.6 PK	74.0	-27.4	1.29 V	86	34.8	11.8
6	10600.00	35.8 AV	54.0	-18.2	1.29 V	86	24.0	11.8
7	15900.00	46.9 PK	74.0	-27.1	1.92 V	118	36.2	10.7
8	15900.00	33.4 AV	54.0	-20.6	1.92 V	118	22.7	10.7

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.

Channel	TX Channel 64	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	114.0 PK			1.15 H	175	112.6	1.4
2	*5320.00	103.2 AV			1.15 H	175	101.8	1.4
3	5350.00	52.5 PK	74.0	-21.5	1.15 H	175	51.1	1.4
4	5350.00	41.0 AV	54.0	-13.0	1.15 H	175	39.6	1.4
5	10657.00	47.0 PK	74.0	-27.0	2.15 H	61	35.0	12.0
6	10657.00	36.2 AV	54.0	-17.8	2.15 H	61	24.2	12.0
7	15985.50	45.8 PK	74.0	-28.2	1.42 H	79	34.8	11.0
8	15985.50	31.8 AV	54.0	-22.2	1.42 H	79	20.8	11.0
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	109.1 PK			1.27 V	270	107.7	1.4
2	*5320.00	98.6 AV			1.27 V	270	97.2	1.4
3	5350.00	50.7 PK	74.0	-23.3	1.27 V	270	49.3	1.4
4	5350.00	39.5 AV	54.0	-14.5	1.27 V	270	38.1	1.4
5	10657.00	46.8 PK	74.0	-27.2	1.25 V	71	34.8	12.0
6	10657.00	35.8 AV	54.0	-18.2	1.25 V	71	23.8	12.0
7	15985.50	46.5 PK	74.0	-27.5	1.92 V	131	35.5	11.0
8	15985.50	33.4 AV	54.0	-20.6	1.92 V	131	22.4	11.0

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.

Channel	TX Channel 100	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	53.7 PK	74.0	-20.3	1.12 H	163	52.1	1.6
2	5460.00	40.0 AV	54.0	-14.0	1.12 H	163	38.4	1.6
3	#5470.00	50.1 PK	68.2	-18.1	1.12 H	163	48.5	1.6
4	*5500.00	113.1 PK			1.12 H	163	111.4	1.7
5	*5500.00	102.8 AV			1.12 H	163	101.1	1.7
6	10983.00	46.3 PK	74.0	-27.7	2.19 H	94	34.0	12.3
7	10983.00	35.5 AV	54.0	-18.5	2.19 H	94	23.2	12.3
8	#16474.50	46.3 PK	68.2	-21.9	1.36 H	75	33.1	13.2
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	51.0 PK	74.0	-23.0	1.30 V	258	49.4	1.6
2	5460.00	39.2 AV	54.0	-14.8	1.30 V	258	37.6	1.6
3	#5465.56	50.4 PK	68.2	-17.8	1.30 V	258	48.8	1.6
4	*5500.00	108.9 PK			1.30 V	258	107.2	1.7
5	*5500.00	98.1 AV			1.30 V	258	96.4	1.7
6	10983.00	47.1 PK	74.0	-26.9	1.33 V	79	34.8	12.3
7	10983.00	36.1 AV	54.0	-17.9	1.33 V	79	23.8	12.3
8	#16474.50	47.2 PK	68.2	-21.0	1.84 V	106	34.0	13.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 116	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	112.8 PK			1.08 H	173	111.1	1.7
2	*5580.00	102.7 AV			1.08 H	173	101.0	1.7
3	11160.00	46.4 PK	74.0	-27.6	2.07 H	75	34.8	11.6
4	11160.00	35.4 AV	54.0	-18.6	2.07 H	75	23.8	11.6
5	#16740.00	45.7 PK	68.2	-22.5	1.37 H	86	31.0	14.7
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	*5580.00	108.3 PK			1.30 V	275	106.6	1.7
2	*5580.00	98.3 AV			1.30 V	275	96.6	1.7
3	11160.00	46.6 PK	74.0	-27.4	1.27 V	94	35.0	11.6
4	11160.00	35.8 AV	54.0	-18.2	1.27 V	94	24.2	11.6
5	#16740.00	46.9 PK	68.2	-21.3	1.92 V	125	32.2	14.7

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.

Channel	TX Channel 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	113.4 PK			1.11 H	160	111.6	1.8
2	*5700.00	103.2 AV			1.11 H	160	101.4	1.8
3	#5725.00	52.6 PK	68.2	-15.6	1.11 H	160	50.7	1.9
4	11417.00	46.3 PK	74.0	-27.7	2.10 H	80	33.5	12.8
5	11417.00	35.4 AV	54.0	-18.6	2.10 H	80	22.6	12.8
6	#17125.50	45.7 PK	68.2	-22.5	1.43 H	72	29.5	16.2

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	108.3 PK			1.26 V	263	106.5	1.8
2	*5700.00	98.6 AV			1.26 V	263	96.8	1.8
3	#5725.00	52.1 PK	68.2	-16.1	1.26 V	263	50.2	1.9
4	11417.00	47.0 PK	74.0	-27.0	1.19 V	69	34.2	12.8
5	11417.00	36.3 AV	54.0	-17.7	1.19 V	69	23.5	12.8
6	#17125.50	46.0 PK	68.2	-22.2	1.85 V	118	29.8	16.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 144	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.2 PK	74.0	-22.8	1.09 H	150	49.6	1.6
2	5460.00	39.2 AV	54.0	-14.8	1.09 H	150	37.6	1.6
3	#5470.00	51.8 PK	68.2	-16.4	1.09 H	150	50.2	1.6
4	*5720.00	113.3 PK			1.09 H	150	111.4	1.9
5	*5720.00	103.2 AV			1.09 H	150	101.3	1.9
6	#5850.00	51.4 PK	68.2	-16.8	1.09 H	150	49.1	2.3
7	11456.00	46.8 PK	74.0	-27.2	2.11 H	68	34.2	12.6
8	11456.00	35.5 AV	54.0	-18.5	2.11 H	68	22.9	12.6
9	#17184.00	46.4 PK	68.2	-21.8	1.37 H	71	30.5	15.9

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	51.7 PK	74.0	-22.3	1.31 V	279	50.1	1.6
2	5460.00	39.6 AV	54.0	-14.4	1.31 V	279	38.0	1.6
3	#5470.00	51.5 PK	68.2	-16.7	1.31 V	279	49.9	1.6
4	*5720.00	108.4 PK			1.31 V	279	106.5	1.9
5	*5720.00	98.4 AV			1.31 V	279	96.5	1.9
6	#5850.00	51.0 PK	68.2	-17.2	1.31 V	279	48.7	2.3
7	11456.00	47.3 PK	74.0	-26.7	1.25 V	85	34.7	12.6
8	11456.00	36.0 AV	54.0	-18.0	1.25 V	85	23.4	12.6
9	#17184.00	47.0 PK	68.2	-21.2	1.90 V	119	31.1	15.9

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.

Channel	TX Channel 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5609.15	51.5 PK	68.2	-16.7	1.21 H	197	49.9	1.6
2	*5745.00	119.6 PK			1.13 H	177	117.7	1.9
3	*5745.00	115.1 AV			1.13 H	177	113.2	1.9
4	#5951.47	52.8 PK	68.2	-15.4	1.21 H	197	50.3	2.5
5	11473.00	51.2 PK	74.0	-22.8	2.15 H	88	38.7	12.5
6	11473.00	40.8 AV	54.0	-13.2	2.15 H	88	28.3	12.5
7	#17209.50	52.9 PK	68.2	-15.3	1.38 H	76	37.1	15.8

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	#5633.67	52.8 PK	68.2	-15.4	1.33 V	275	51.1	1.7
2	*5745.00	118.4 PK			1.30 V	263	116.5	1.9
3	*5745.00	112.2 AV			1.30 V	263	110.3	1.9
4	#5994.30	52.7 PK	68.2	-15.5	1.33 V	275	50.1	2.6
5	11473.00	50.6 PK	74.0	-23.4	1.25 V	88	38.1	12.5
6	11473.00	40.4 AV	54.0	-13.6	1.25 V	88	27.9	12.5
7	#17209.50	58.7 PK	68.2	-9.5	1.95 V	124	42.9	15.8

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.

Channel	TX Channel 157	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5577.43	51.1 PK	68.2	-17.1	1.18 H	184	49.4	1.7
2	*5785.00	119.8 PK			1.16 H	183	117.8	2.0
3	*5785.00	114.5 AV			1.16 H	183	112.5	2.0
4	#6023.57	52.5 PK	68.2	-15.7	1.18 H	184	50.0	2.5
5	11570.00	51.9 PK	74.0	-22.1	2.14 H	78	39.0	12.9
6	11570.00	41.2 AV	54.0	-12.8	2.14 H	78	28.3	12.9
7	#17355.00	53.0 PK	68.2	-15.2	1.42 H	76	36.2	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	#5550.57	51.0 PK	68.2	-17.2	1.27 V	277	49.3	1.7
2	*5785.00	118.5 PK			1.28 V	260	116.5	2.0
3	*5785.00	111.8 AV			1.28 V	260	109.8	2.0
4	#6019.49	52.4 PK	68.2	-15.8	1.27 V	277	49.8	2.6
5	11570.00	50.7 PK	74.0	-23.3	1.28 V	73	37.8	12.9
6	11570.00	40.3 AV	54.0	-13.7	1.28 V	73	27.4	12.9
7	#17355.00	58.1 PK	68.2	-10.1	2.00 V	134	41.3	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.

Channel	TX Channel 165	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5558.04	50.3 PK	68.2	-17.9	1.16 H	167	48.6	1.7
2	*5825.00	119.7 PK			1.06 H	186	117.5	2.2
3	*5825.00	114.8 AV			1.06 H	186	112.6	2.2
4	#5984.26	51.4 PK	68.2	-16.8	1.16 H	167	48.9	2.5
5	11666.80	51.1 PK	74.0	-22.9	2.15 H	89	38.2	12.9
6	11666.80	40.6 AV	54.0	-13.4	2.15 H	89	27.7	12.9
7	#17500.20	53.4 PK	68.2	-14.8	1.34 H	88	34.2	19.2

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	#5558.24	51.7 PK	68.2	-16.5	1.32 V	278	50.0	1.7
2	*5825.00	118.4 PK			1.34 V	250	116.2	2.2
3	*5825.00	111.7 AV			1.34 V	250	109.5	2.2
4	#6006.39	52.6 PK	68.2	-15.6	1.32 V	278	50.0	2.6
5	11666.80	50.6 PK	74.0	-23.4	1.25 V	90	37.7	12.9
6	11666.80	40.6 AV	54.0	-13.4	1.25 V	90	27.7	12.9
7	#17500.20	59.3 PK	68.2	-8.9	1.97 V	130	40.1	19.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ax (RU52)

Channel	TX Channel 36	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	53.0 PK	74.0	-21.0	1.20 H	198	51.3	1.7
2	5150.00	41.1 AV	54.0	-12.9	1.20 H	198	39.4	1.7
3	*5180.00	109.5 PK			1.20 H	198	108.0	1.5
4	*5180.00	101.2 AV			1.20 H	198	99.7	1.5
5	#10345.00	46.2 PK	68.2	-22.0	2.14 H	71	35.1	11.1
6	15517.50	45.6 PK	74.0	-28.4	1.39 H	79	33.9	11.7
7	15517.50	31.7 AV	54.0	-22.3	1.39 H	79	20.0	11.7

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	5150.00	51.0 PK	74.0	-23.0	1.32 V	260	49.3	1.7
2	5150.00	39.8 AV	54.0	-14.2	1.32 V	260	38.1	1.7
3	*5180.00	107.8 PK			1.32 V	260	106.3	1.5
4	*5180.00	97.2 AV			1.32 V	260	95.7	1.5
5	#10345.00	46.8 PK	68.2	-21.4	1.18 V	84	35.7	11.1
6	15517.50	45.3 PK	74.0	-28.7	1.90 V	111	33.6	11.7
7	15517.50	32.6 AV	54.0	-21.4	1.90 V	111	20.9	11.7

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.

Channel	TX Channel 40	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	53.7 PK	74.0	-20.3	1.22 H	200	52.0	1.7
2	5150.00	41.6 AV	54.0	-12.4	1.22 H	200	39.9	1.7
3	*5200.00	108.9 PK			1.22 H	200	107.5	1.4
4	*5200.00	100.8 AV			1.22 H	200	99.4	1.4
5	#10406.00	46.6 PK	68.2	-21.6	2.08 H	75	35.1	11.5
6	15609.00	46.2 PK	74.0	-27.8	1.38 H	63	34.7	11.5
7	15609.00	32.2 AV	54.0	-21.8	1.38 H	63	20.7	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	51.4 PK	74.0	-22.6	1.30 V	276	49.7	1.7
2	5150.00	39.5 AV	54.0	-14.5	1.30 V	276	37.8	1.7
3	*5200.00	108.1 PK			1.30 V	276	106.7	1.4
4	*5200.00	97.7 AV			1.30 V	276	96.3	1.4
5	#10406.00	47.1 PK	68.2	-21.1	1.22 V	66	35.6	11.5
6	15609.00	45.8 PK	74.0	-28.2	1.81 V	107	34.3	11.5
7	15609.00	33.1 AV	54.0	-20.9	1.81 V	107	21.6	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.

Channel	TX Channel 48	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	52.3 PK	74.0	-21.7	1.26 H	183	50.6	1.7
2	5150.00	40.6 AV	54.0	-13.4	1.26 H	183	38.9	1.7
3	*5240.00	109.9 PK			1.26 H	183	108.7	1.2
4	*5240.00	101.5 AV			1.26 H	183	100.3	1.2
5	#10494.00	46.9 PK	68.2	-21.3	2.09 H	86	35.5	11.4
6	15741.00	46.0 PK	74.0	-28.0	1.39 H	87	35.0	11.0
7	15741.00	32.0 AV	54.0	-22.0	1.39 H	87	21.0	11.0

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	52.0 PK	74.0	-22.0	1.32 V	257	50.3	1.7
2	5150.00	39.9 AV	54.0	-14.1	1.32 V	257	38.2	1.7
3	*5240.00	108.0 PK			1.32 V	257	106.8	1.2
4	*5240.00	97.6 AV			1.32 V	257	96.4	1.2
5	#10494.00	47.1 PK	68.2	-21.1	1.24 V	64	35.7	11.4
6	15741.00	45.7 PK	74.0	-28.3	1.86 V	122	34.7	11.0
7	15741.00	32.6 AV	54.0	-21.4	1.86 V	122	21.6	11.0

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.

Channel	TX Channel 52	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5260.00	109.1 PK			1.22 H	196	107.9	1.2
2	*5260.00	101.0 AV			1.22 H	196	99.8	1.2
3	5350.00	53.1 PK	74.0	-20.9	1.22 H	196	51.7	1.4
4	5350.00	41.2 AV	54.0	-12.8	1.22 H	196	39.8	1.4
5	#10505.00	47.3 PK	68.2	-20.9	2.13 H	68	35.9	11.4
6	15757.50	46.7 PK	74.0	-27.3	1.36 H	68	35.9	10.8
7	15757.50	33.2 AV	54.0	-20.8	1.36 H	68	22.4	10.8

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	*5260.00	107.7 PK			1.31 V	253	106.5	1.2
2	*5260.00	97.3 AV			1.31 V	253	96.1	1.2
3	5350.00	52.2 PK	74.0	-21.8	1.31 V	253	50.8	1.4
4	5350.00	40.0 AV	54.0	-14.0	1.31 V	253	38.6	1.4
5	#10505.00	47.5 PK	68.2	-20.7	1.23 V	74	36.1	11.4
6	15757.50	46.3 PK	74.0	-27.7	1.80 V	134	35.5	10.8
7	15757.50	33.4 AV	54.0	-20.6	1.80 V	134	22.6	10.8

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.

Channel	TX Channel 60	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	109.3 PK			1.20 H	192	108.1	1.2
2	*5300.00	101.1 AV			1.20 H	192	99.9	1.2
3	5350.00	53.2 PK	74.0	-20.8	1.20 H	192	51.8	1.4
4	5350.00	41.3 AV	54.0	-12.7	1.20 H	192	39.9	1.4
5	10606.00	47.3 PK	74.0	-26.7	2.15 H	83	35.5	11.8
6	10606.00	36.1 AV	54.0	-17.9	2.15 H	83	24.3	11.8
7	15909.00	46.0 PK	74.0	-28.0	1.35 H	86	35.3	10.7
8	15909.00	31.8 AV	54.0	-22.2	1.35 H	86	21.1	10.7
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	*5300.00	107.8 PK			1.37 V	274	106.6	1.2
2	*5300.00	97.4 AV			1.37 V	274	96.2	1.2
3	5350.00	51.5 PK	74.0	-22.5	1.37 V	274	50.1	1.4
4	5350.00	39.7 AV	54.0	-14.3	1.37 V	274	38.3	1.4
5	10606.00	46.8 PK	74.0	-27.2	1.20 V	65	35.0	11.8
6	10606.00	36.2 AV	54.0	-17.8	1.20 V	65	24.4	11.8
7	15909.00	46.0 PK	74.0	-28.0	1.88 V	127	35.3	10.7
8	15909.00	33.0 AV	54.0	-21.0	1.88 V	127	22.3	10.7

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.

Channel	TX Channel 64	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	109.6 PK			1.15 H	182	108.2	1.4
2	*5320.00	101.5 AV			1.15 H	182	100.1	1.4
3	5350.00	51.0 PK	74.0	-23.0	1.15 H	182	49.6	1.4
4	5350.00	40.9 AV	54.0	-13.1	1.15 H	182	39.5	1.4
5	10654.00	46.5 PK	74.0	-27.5	2.14 H	71	34.5	12.0
6	10654.00	35.5 AV	54.0	-18.5	2.14 H	71	23.5	12.0
7	15981.00	45.3 PK	74.0	-28.7	1.39 H	91	34.3	11.0
8	15981.00	31.6 AV	54.0	-22.4	1.39 H	91	20.6	11.0
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	107.6 PK			1.32 V	266	106.2	1.4
2	*5320.00	97.4 AV			1.32 V	266	96.0	1.4
3	5350.00	50.2 PK	74.0	-23.8	1.32 V	266	48.8	1.4
4	5350.00	39.4 AV	54.0	-14.6	1.32 V	266	38.0	1.4
5	10654.00	47.7 PK	74.0	-26.3	1.10 V	66	35.7	12.0
6	10654.00	36.9 AV	54.0	-17.1	1.10 V	66	24.9	12.0
7	15981.00	45.1 PK	74.0	-28.9	1.95 V	136	34.1	11.0
8	15981.00	32.2 AV	54.0	-21.8	1.95 V	136	21.2	11.0

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.

Channel	TX Channel 100	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.9 PK	74.0	-22.1	1.12 H	188	50.3	1.6
2	5460.00	40.0 AV	54.0	-14.0	1.12 H	188	38.4	1.6
3	#5470.00	53.8 PK	68.2	-14.4	1.12 H	188	52.2	1.6
4	*5500.00	109.8 PK			1.12 H	188	108.1	1.7
5	*5500.00	101.4 AV			1.12 H	188	99.7	1.7
6	10985.00	47.3 PK	74.0	-26.7	2.15 H	68	35.1	12.2
7	10985.00	36.1 AV	54.0	-17.9	2.15 H	68	23.9	12.2
8	#16477.50	45.5 PK	68.2	-22.7	1.40 H	92	32.3	13.2
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	52.6 PK	74.0	-21.4	1.30 V	276	51.0	1.6
2	5460.00	39.4 AV	54.0	-14.6	1.30 V	276	37.8	1.6
3	#5470.00	51.0 PK	68.2	-17.2	1.30 V	276	49.4	1.6
4	*5500.00	107.5 PK			1.30 V	276	105.8	1.7
5	*5500.00	97.1 AV			1.30 V	276	95.4	1.7
6	10985.00	47.5 PK	74.0	-26.5	1.07 V	57	35.3	12.2
7	10985.00	36.8 AV	54.0	-17.2	1.07 V	57	24.6	12.2
8	#16477.50	45.4 PK	68.2	-22.8	2.00 V	125	32.2	13.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 116	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	109.4 PK			1.23 H	212	107.7	1.7
2	*5580.00	101.1 AV			1.23 H	212	99.4	1.7
3	11166.00	47.0 PK	74.0	-27.0	2.16 H	88	35.4	11.6
4	11166.00	36.1 AV	54.0	-17.9	2.16 H	88	24.5	11.6
5	#16749.00	45.8 PK	68.2	-22.4	1.38 H	71	31.1	14.7
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	*5580.00	107.4 PK			1.29 V	259	105.7	1.7
2	*5580.00	97.0 AV			1.29 V	259	95.3	1.7
3	11166.00	47.7 PK	74.0	-26.3	1.07 V	72	36.1	11.6
4	11166.00	36.8 AV	54.0	-17.2	1.07 V	72	25.2	11.6
5	#16749.00	45.2 PK	68.2	-23.0	1.96 V	123	30.5	14.7

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.

Channel	TX Channel 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	108.9 PK			1.16 H	185	107.1	1.8
2	*5700.00	100.8 AV			1.16 H	185	99.0	1.8
3	#5725.00	52.4 PK	68.2	-15.8	1.16 H	185	50.5	1.9
4	11415.00	46.2 PK	74.0	-27.8	2.07 H	64	33.4	12.8
5	11415.00	35.3 AV	54.0	-18.7	2.07 H	64	22.5	12.8
6	#17122.50	46.1 PK	68.2	-22.1	1.33 H	70	29.9	16.2

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	108.1 PK			1.38 V	270	106.3	1.8
2	*5700.00	97.4 AV			1.38 V	270	95.6	1.8
3	#5725.00	52.0 PK	68.2	-16.2	1.38 V	270	50.1	1.9
4	11415.00	48.2 PK	74.0	-25.8	1.07 V	80	35.4	12.8
5	11415.00	37.4 AV	54.0	-16.6	1.07 V	80	24.6	12.8
6	#17122.50	45.2 PK	68.2	-23.0	1.94 V	138	29.0	16.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 144	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.4 PK	74.0	-22.6	1.15 H	192	49.8	1.6
2	5460.00	39.2 AV	54.0	-14.8	1.15 H	192	37.6	1.6
3	#5470.00	52.2 PK	68.2	-16.0	1.15 H	192	50.6	1.6
4	*5720.00	110.1 PK			1.15 H	192	108.2	1.9
5	*5720.00	101.6 AV			1.15 H	192	99.7	1.9
6	#5850.00	52.3 PK	68.2	-15.9	1.15 H	192	50.0	2.3
7	11455.00	47.2 PK	74.0	-26.8	2.17 H	69	34.6	12.6
8	11455.00	35.9 AV	54.0	-18.1	2.17 H	69	23.3	12.6
9	#17182.50	45.8 PK	68.2	-22.4	1.41 H	86	29.9	15.9

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	1.38 V	285	49.8	1.6
2	5460.00	39.4 AV	54.0	-14.6	1.38 V	285	37.8	1.6
3	#5470.00	51.7 PK	68.2	-16.5	1.38 V	285	50.1	1.6
4	*5720.00	107.9 PK			1.38 V	285	106.0	1.9
5	*5720.00	97.1 AV			1.38 V	285	95.2	1.9
6	#5850.00	51.7 PK	68.2	-16.5	1.38 V	285	49.4	2.3
7	11455.00	48.1 PK	74.0	-25.9	1.14 V	72	35.5	12.6
8	11455.00	37.3 AV	54.0	-16.7	1.14 V	72	24.7	12.6
9	#17182.50	45.7 PK	68.2	-22.5	1.99 V	127	29.8	15.9

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.

Channel	TX Channel 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5581.12	50.6 PK	68.2	-17.6	1.13 H	177	48.9	1.7
2	*5745.00	119.5 PK			1.21 H	197	117.6	1.9
3	*5745.00	112.8 AV			1.21 H	197	110.9	1.9
4	#6019.80	52.1 PK	68.2	-16.1	1.13 H	177	49.5	2.6
5	11475.00	51.2 PK	74.0	-22.8	2.15 H	77	38.7	12.5
6	11475.00	41.0 AV	54.0	-13.0	2.15 H	77	28.5	12.5
7	#17212.50	52.4 PK	68.2	-15.8	1.38 H	62	36.6	15.8

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	#5620.10	50.7 PK	68.2	-17.5	1.30 V	263	49.0	1.7
2	*5745.00	117.7 PK			1.33 V	275	115.8	1.9
3	*5745.00	110.1 AV			1.33 V	275	108.2	1.9
4	#6015.78	52.2 PK	68.2	-16.0	1.03 V	263	49.6	2.6
5	11475.00	50.1 PK	74.0	-23.9	1.24 V	101	37.6	12.5
6	11475.00	40.0 AV	54.0	-14.0	1.24 V	101	27.5	12.5
7	#17212.50	59.2 PK	68.2	-9.0	1.97 V	138	43.4	15.8

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.

Channel	TX Channel 157	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5624.87	51.5 PK	68.2	-16.7	1.16 H	183	49.8	1.7
2	*5785.00	119.6 PK			1.18 H	184	117.6	2.0
3	*5785.00	113.0 AV			1.18 H	184	111.0	2.0
4	#5932.33	52.5 PK	68.2	-15.7	1.16 H	183	50.1	2.4
5	11576.00	51.5 PK	74.0	-22.5	2.19 H	90	38.6	12.9
6	11576.00	40.8 AV	54.0	-13.2	2.19 H	90	27.9	12.9
7	#17364.00	52.7 PK	68.2	-15.5	1.38 H	60	35.8	16.9

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	#5579.32	50.9 PK	68.2	-17.3	1.28 V	260	49.2	1.7
2	*5785.00	117.5 PK			1.27 V	277	115.5	2.0
3	*5785.00	110.4 AV			1.27 V	277	108.4	2.0
4	#6012.32	51.5 PK	68.2	-16.7	1.28 V	260	48.9	2.6
5	11576.00	50.8 PK	74.0	-23.2	1.28 V	87	37.9	12.9
6	11576.00	40.6 AV	54.0	-13.4	1.28 V	87	27.7	12.9
7	#17364.00	59.1 PK	68.2	-9.1	1.92 V	136	42.2	16.9

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.

Channel	TX Channel 165	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5568.32	51.4 PK	68.2	-16.8	1.06 H	186	49.7	1.7
2	*5825.00	119.1 PK			1.16 H	167	116.9	2.2
3	*5825.00	112.6 AV			1.16 H	167	110.4	2.2
4	#5971.48	52.0 PK	68.2	-16.2	1.06 H	186	49.5	2.5
5	11665.00	50.6 PK	74.0	-23.4	2.12 H	101	37.7	12.9
6	11665.00	40.4 AV	54.0	-13.6	2.12 H	101	27.5	12.9
7	#17497.50	53.2 PK	68.2	-15.0	1.37 H	61	34.2	19.0

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	#5556.65	50.9 PK	68.2	-17.3	1.34 V	250	49.2	1.7
2	*5825.00	117.2 PK			1.32 V	278	115.0	2.2
3	*5825.00	110.2 AV			1.32 V	278	108.0	2.2
4	#5971.00	52.0 PK	68.2	-16.2	1.34 V	250	49.5	2.5
5	11665.00	50.7 PK	74.0	-23.3	1.22 V	81	37.8	12.9
6	11665.00	40.8 AV	54.0	-13.2	1.22 V	81	27.9	12.9
7	#17497.50	58.5 PK	68.2	-9.7	1.95 V	131	39.5	19.0

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.

802.11ax (RU106)

Channel	TX Channel 36	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	52.0 PK	74.0	-22.0	1.19 H	182	50.3	1.7
2	5150.00	41.4 AV	54.0	-12.6	1.19 H	182	39.7	1.7
3	*5180.00	110.4 PK			1.19 H	182	108.9	1.5
4	*5180.00	99.6 AV			1.19 H	182	98.1	1.5
5	#10350.00	46.6 PK	68.2	-21.6	2.08 H	62	35.5	11.1
6	15525.00	46.1 PK	74.0	-27.9	1.42 H	64	34.4	11.7
7	15525.00	32.3 AV	54.0	-21.7	1.42 H	64	20.6	11.7

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	5150.00	50.5 PK	74.0	-23.5	1.32 V	266	48.8	1.7
2	5150.00	40.5 AV	54.0	-13.5	1.32 V	266	38.8	1.7
3	*5180.00	106.0 PK			1.32 V	266	104.5	1.5
4	*5180.00	95.2 AV			1.32 V	266	93.7	1.5
5	#10350.00	47.5 PK	68.2	-20.7	1.16 V	66	36.4	11.1
6	15525.00	45.1 PK	74.0	-28.9	1.91 V	135	33.4	11.7
7	15525.00	32.2 AV	54.0	-21.8	1.91 V	135	20.5	11.7

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.

Channel	TX Channel 40	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.8 PK	74.0	-22.2	1.24 H	182	50.1	1.7
2	5150.00	41.0 AV	54.0	-13.0	1.24 H	182	39.3	1.7
3	*5200.00	110.8 PK			1.24 H	182	109.4	1.4
4	*5200.00	100.1 AV			1.24 H	182	98.7	1.4
5	#10390.00	46.7 PK	68.2	-21.5	2.12 H	75	35.2	11.5
6	15585.00	45.3 PK	74.0	-28.7	1.31 H	66	33.7	11.6
7	15585.00	31.6 AV	54.0	-22.4	1.31 H	66	20.0	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	5150.00	51.5 PK	74.0	-22.5	1.29 V	270	49.8	1.7
2	5150.00	39.7 AV	54.0	-14.3	1.29 V	270	38.0	1.7
3	*5200.00	105.9 PK			1.29 V	270	104.5	1.4
4	*5200.00	95.3 AV			1.29 V	270	93.9	1.4
5	#10390.00	47.9 PK	68.2	-20.3	1.06 V	68	36.4	11.5
6	15585.00	45.1 PK	74.0	-28.9	2.00 V	125	33.5	11.6
7	15585.00	32.1 AV	54.0	-21.9	2.00 V	125	20.5	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.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 48	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.4 PK	74.0	-22.6	1.21 H	185	49.7	1.7
2	5150.00	41.0 AV	54.0	-13.0	1.21 H	185	39.3	1.7
3	*5240.00	110.3 PK			1.21 H	185	109.1	1.2
4	*5240.00	99.3 AV			1.21 H	185	98.1	1.2
5	#10490.00	47.1 PK	68.2	-21.1	2.09 H	91	35.7	11.4
6	15735.00	46.0 PK	74.0	-28.0	1.35 H	75	35.0	11.0
7	15735.00	32.0 AV	54.0	-22.0	1.35 H	75	21.0	11.0

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	51.8 PK	74.0	-22.2	1.32 V	268	50.1	1.7
2	5150.00	39.7 AV	54.0	-14.3	1.32 V	268	38.0	1.7
3	*5240.00	105.9 PK			1.32 V	268	104.7	1.2
4	*5240.00	95.2 AV			1.32 V	268	94.0	1.2
5	#10490.00	47.2 PK	68.2	-21.0	1.27 V	71	35.8	11.4
6	15735.00	46.9 PK	74.0	-27.1	1.95 V	141	35.9	11.0
7	15735.00	33.3 AV	54.0	-20.7	1.95 V	141	22.3	11.0

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.

Channel	TX Channel 52	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	*5260.00	109.8 PK			1.17 H	177	108.6	1.2
2	*5260.00	99.2 AV			1.17 H	177	98.0	1.2
3	5350.00	51.7 PK	74.0	-22.3	1.17 H	177	50.3	1.4
4	5350.00	41.3 AV	54.0	-12.7	1.17 H	177	39.9	1.4
5	#10510.00	46.7 PK	68.2	-21.5	2.09 H	78	35.3	11.4
6	15765.00	46.3 PK	74.0	-27.7	1.39 H	64	35.5	10.8
7	15765.00	32.4 AV	54.0	-21.6	1.39 H	64	21.6	10.8

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	*5260.00	106.3 PK			1.27 V	278	105.1	1.2
2	*5260.00	95.5 AV			1.27 V	278	94.3	1.2
3	5350.00	51.8 PK	74.0	-22.2	1.27 V	278	50.4	1.4
4	5350.00	39.8 AV	54.0	-14.2	1.27 V	278	38.4	1.4
5	#10510.00	48.0 PK	68.2	-20.2	1.09 V	64	36.6	11.4
6	15765.00	45.2 PK	74.0	-28.8	1.91 V	129	34.4	10.8
7	15765.00	32.3 AV	54.0	-21.7	1.91 V	129	21.5	10.8

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.

Channel	TX Channel 60	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	110.5 PK			1.20 H	177	109.3	1.2
2	*5300.00	99.8 AV			1.20 H	177	98.6	1.2
3	5350.00	52.1 PK	74.0	-21.9	1.20 H	177	50.7	1.4
4	5350.00	41.5 AV	54.0	-12.5	1.20 H	177	40.1	1.4
5	10610.50	46.9 PK	74.0	-27.1	2.06 H	88	35.1	11.8
6	10610.50	36.0 AV	54.0	-18.0	2.06 H	88	24.2	11.8
7	15915.80	46.0 PK	74.0	-28.0	1.39 H	73	35.3	10.7
8	15915.80	32.2 AV	54.0	-21.8	1.39 H	73	21.5	10.7
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	*5300.00	106.6 PK			1.37 V	266	105.4	1.2
2	*5300.00	95.7 AV			1.37 V	266	94.5	1.2
3	5350.00	51.5 PK	74.0	-22.5	1.37 V	266	50.1	1.4
4	5350.00	39.6 AV	54.0	-14.4	1.37 V	266	38.2	1.4
5	10610.50	47.7 PK	74.0	-26.3	1.15 V	74	35.9	11.8
6	10610.50	36.7 AV	54.0	-17.3	1.15 V	74	24.9	11.8
7	15915.80	44.8 PK	74.0	-29.2	2.00 V	150	34.1	10.7
8	15915.80	31.7 AV	54.0	-22.3	2.00 V	150	21.0	10.7

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.

Channel	TX Channel 64	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	110.3 PK			1.13 H	192	108.9	1.4
2	*5320.00	99.9 AV			1.13 H	192	98.5	1.4
3	5350.00	53.1 PK	74.0	-20.9	1.13 H	192	51.7	1.4
4	5350.00	41.6 AV	54.0	-12.4	1.13 H	192	40.2	1.4
5	10650.00	47.4 PK	74.0	-26.6	2.12 H	67	35.5	11.9
6	10650.00	36.1 AV	54.0	-17.9	2.12 H	67	24.2	11.9
7	15975.00	46.5 PK	74.0	-27.5	1.34 H	91	35.6	10.9
8	15975.00	32.5 AV	54.0	-21.5	1.34 H	91	21.6	10.9
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	105.3 PK			1.29 V	257	103.9	1.4
2	*5320.00	94.8 AV			1.29 V	257	93.4	1.4
3	5350.00	50.0 PK	74.0	-24.0	1.29 V	257	48.6	1.4
4	5350.00	39.8 AV	54.0	-14.2	1.29 V	257	38.4	1.4
5	10650.00	48.1 PK	74.0	-25.9	1.09 V	67	36.2	11.9
6	10650.00	37.1 AV	54.0	-16.9	1.09 V	67	25.2	11.9
7	15975.00	45.5 PK	74.0	-28.5	1.98 V	127	34.6	10.9
8	15975.00	32.4 AV	54.0	-21.6	1.98 V	127	21.5	10.9

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.

Channel	TX Channel 100	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	52.1 PK	74.0	-21.9	1.19 H	168	50.5	1.6
2	5460.00	40.4 AV	54.0	-13.6	1.19 H	168	38.8	1.6
3	#5470.00	53.1 PK	68.2	-15.1	1.19 H	168	51.5	1.6
4	*5500.00	109.0 PK			1.19 H	168	107.3	1.7
5	*5500.00	99.4 AV			1.19 H	168	97.7	1.7
6	10989.00	46.7 PK	74.0	-27.3	2.14 H	90	34.5	12.2
7	10989.00	35.8 AV	54.0	-18.2	2.14 H	90	23.6	12.2
8	#16483.50	45.5 PK	68.2	-22.7	1.39 H	82	32.2	13.3
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	5449.54	51.5 PK	74.0	-22.5	1.32 V	270	49.9	1.6
2	5449.54	39.5 AV	54.0	-14.5	1.32 V	270	37.9	1.6
3	#5464.00	51.2 PK	68.2	-17.0	1.32 V	270	49.6	1.6
4	*5500.00	105.0 PK			1.32 V	270	103.3	1.7
5	*5500.00	94.5 AV			1.32 V	270	92.8	1.7
6	10989.00	47.4 PK	74.0	-26.6	1.06 V	70	35.2	12.2
7	10989.00	36.6 AV	54.0	-17.4	1.06 V	70	24.4	12.2
8	#16483.50	44.6 PK	68.2	-23.6	2.00 V	133	31.3	13.3

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.

Channel	TX Channel 116	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	108.6 PK			1.15 H	173	106.9	1.7
2	*5580.00	99.1 AV			1.15 H	173	97.4	1.7
3	11150.00	47.0 PK	74.0	-27.0	2.13 H	82	35.4	11.6
4	11150.00	35.8 AV	54.0	-18.2	2.13 H	82	24.2	11.6
5	#16725.00	46.1 PK	68.2	-22.1	1.32 H	87	31.4	14.7
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	*5580.00	105.2 PK			1.33 V	270	103.5	1.7
2	*5580.00	94.7 AV			1.33 V	270	93.0	1.7
3	11150.00	47.7 PK	74.0	-26.3	1.05 V	51	36.1	11.6
4	11150.00	37.1 AV	54.0	-16.9	1.05 V	51	25.5	11.6
5	#16725.00	44.9 PK	68.2	-23.3	1.93 V	146	30.2	14.7

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.

Channel	TX Channel 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	109.3 PK			1.21 H	164	107.5	1.8
2	*5700.00	99.5 AV			1.21 H	164	97.7	1.8
3	#5725.00	52.5 PK	68.2	-15.7	1.21 H	164	50.6	1.9
4	11410.00	46.7 PK	74.0	-27.3	2.09 H	79	33.9	12.8
5	11410.00	35.5 AV	54.0	-18.5	2.09 H	79	22.7	12.8
6	#17115.00	46.1 PK	68.2	-22.1	1.37 H	78	29.9	16.2

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	105.9 PK			1.30 V	280	104.1	1.8
2	*5700.00	94.9 AV			1.30 V	280	93.1	1.8
3	#5725.00	52.4 PK	68.2	-15.8	1.30 V	280	50.5	1.9
4	11410.00	47.4 PK	74.0	-26.6	1.15 V	69	34.6	12.8
5	11410.00	36.5 AV	54.0	-17.5	1.15 V	69	23.7	12.8
6	#17115.00	44.6 PK	68.2	-23.6	1.95 V	140	28.4	16.2

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 144	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	51.8 PK	74.0	-22.2	1.22 H	182	50.2	1.6
2	5460.00	39.4 AV	54.0	-14.6	1.22 H	182	37.8	1.6
3	#5470.00	51.6 PK	68.2	-16.6	1.22 H	182	50.0	1.6
4	*5720.00	108.8 PK			1.22 H	182	106.9	1.9
5	*5720.00	99.3 AV			1.22 H	182	97.4	1.9
6	#5850.00	51.1 PK	68.2	-17.1	1.22 H	182	48.8	2.3
7	11450.00	47.1 PK	74.0	-26.9	2.06 H	81	34.5	12.6
8	11450.00	36.2 AV	54.0	-17.8	2.06 H	81	23.6	12.6
9	#17175.00	46.1 PK	68.2	-22.1	1.34 H	69	30.3	15.8
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	5460.00	51.9 PK	74.0	-22.1	1.35 V	266	50.3	1.6
2	5460.00	39.3 AV	54.0	-14.7	1.35 V	266	37.7	1.6
3	#5470.00	51.8 PK	68.2	-16.4	1.35 V	266	50.2	1.6
4	*5720.00	106.1 PK			1.35 V	266	104.2	1.9
5	*5720.00	95.2 AV			1.35 V	266	93.3	1.9
6	#5850.00	51.3 PK	68.2	-16.9	1.35 V	266	49.0	2.3
7	11450.00	47.9 PK	74.0	-26.1	1.13 V	61	35.3	12.6
8	11450.00	37.3 AV	54.0	-16.7	1.13 V	61	24.7	12.6
9	#17175.00	44.9 PK	68.2	-23.3	1.92 V	146	29.1	15.8

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.

Channel	TX Channel 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5561.36	51.2 PK	68.2	-17.0	1.13 H	181	49.5	1.7
2	*5745.00	118.9 PK			1.13 H	181	117.0	1.9
3	*5745.00	110.0 AV			1.13 H	181	108.1	1.9
4	#6017.57	52.7 PK	68.2	-15.5	1.13 H	181	50.1	2.6
5	11479.00	50.8 PK	74.0	-23.2	2.15 H	82	38.3	12.5
6	11479.00	40.7 AV	54.0	-13.3	2.15 H	82	28.2	12.5
7	#17218.50	52.2 PK	68.2	-16.0	1.35 H	62	36.4	15.8
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	#5560.69	52.2 PK	68.2	-16.0	1.23 V	251	50.5	1.7
2	*5745.00	116.4 PK			1.23 V	251	114.5	1.9
3	*5745.00	107.2 AV			1.23 V	251	105.3	1.9
4	#6009.02	52.1 PK	68.2	-16.1	1.23 V	251	49.5	2.6
5	11479.00	50.3 PK	74.0	-23.7	1.30 V	93	37.8	12.5
6	11479.00	40.0 AV	54.0	-14.0	1.30 V	93	27.5	12.5
7	#17218.50	58.7 PK	68.2	-9.5	1.91 V	134	42.9	15.8

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.

Channel	TX Channel 157	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5627.73	51.2 PK	68.2	-17.0	1.10 H	169	49.5	1.7
2	*5785.00	118.8 PK			1.10 H	169	116.8	2.0
3	*5785.00	110.3 AV			1.10 H	169	108.3	2.0
4	#5987.76	52.6 PK	68.2	-15.6	1.10 H	169	50.1	2.5
5	11580.50	50.7 PK	74.0	-23.3	2.16 H	102	37.9	12.8
6	11580.50	40.6 AV	54.0	-13.4	2.16 H	102	27.8	12.8
7	#17370.80	53.3 PK	68.2	-14.9	1.35 H	85	36.3	17.0

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	#5569.53	50.6 PK	68.2	-17.6	1.24 V	256	48.9	1.7
2	*5785.00	116.5 PK			1.24 V	256	114.5	2.0
3	*5785.00	107.6 AV			1.24 V	256	105.6	2.0
4	#5957.91	52.2 PK	68.2	-16.0	1.24 V	256	49.7	2.5
5	11580.50	50.9 PK	74.0	-23.1	1.28 V	97	38.1	12.8
6	11580.50	40.7 AV	54.0	-13.3	1.28 V	97	27.9	12.8
7	#17370.80	58.5 PK	68.2	-9.7	1.92 V	109	41.5	17.0

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.

Channel	TX Channel 165	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		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	#5588.11	50.2 PK	68.2	-18.0	1.21 H	196	48.5	1.7
2	*5825.00	119.0 PK			1.21 H	196	116.8	2.2
3	*5825.00	110.4 AV			1.21 H	196	108.2	2.2
4	#5929.07	51.9 PK	68.2	-16.3	1.21 H	196	49.5	2.4
5	11660.50	50.9 PK	74.0	-23.1	2.16 H	77	38.0	12.9
6	11660.50	40.7 AV	54.0	-13.3	2.16 H	77	27.8	12.9
7	#17490.80	52.9 PK	68.2	-15.3	1.41 H	88	33.9	19.0

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	#5641.46	51.7 PK	68.2	-16.5	1.29 V	264	50.0	1.7
2	*5825.00	116.1 PK			1.29 V	264	113.9	2.2
3	*5825.00	107.1 AV			1.29 V	264	104.9	2.2
4	#5991.26	52.2 PK	68.2	-16.0	1.29 V	264	49.6	2.6
5	11660.50	50.7 PK	74.0	-23.3	1.25 V	102	37.8	12.9
6	11660.50	40.2 AV	54.0	-13.8	1.25 V	102	27.3	12.9
7	#17490.80	59.3 PK	68.2	-8.9	2.01 V	116	40.3	19.0

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.

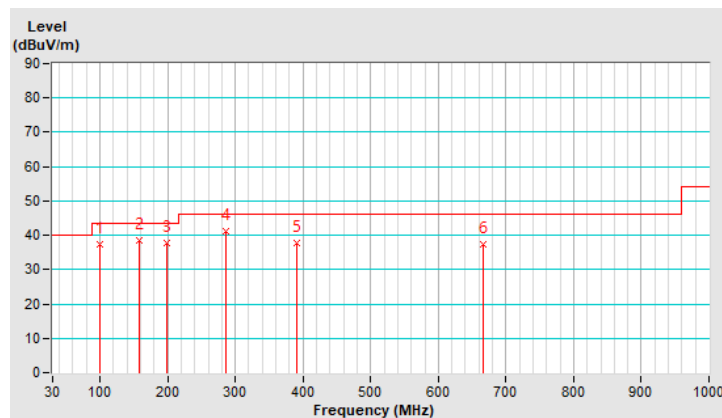
Below 1GHz Data:
802.11ax (HE20)

Channel	TX Channel 149	Detector Function	Quasi-Peak (QP)
Frequency Range	9kHz ~ 1GHz		

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	99.40	37.5 QP	43.5	-6.0	3.00 H	344	54.6	-17.1
2	157.80	38.4 QP	43.5	-5.1	1.95 H	244	50.8	-12.4
3	199.30	37.7 QP	43.5	-5.8	1.05 H	216	53.8	-16.1
4	286.80	41.1 QP	46.0	-4.9	1.12 H	338	53.3	-12.2
5	391.00	37.9 QP	46.0	-8.1	1.03 H	151	47.7	-9.8
6	665.70	37.2 QP	46.0	-8.8	1.19 H	254	41.3	-4.1

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.

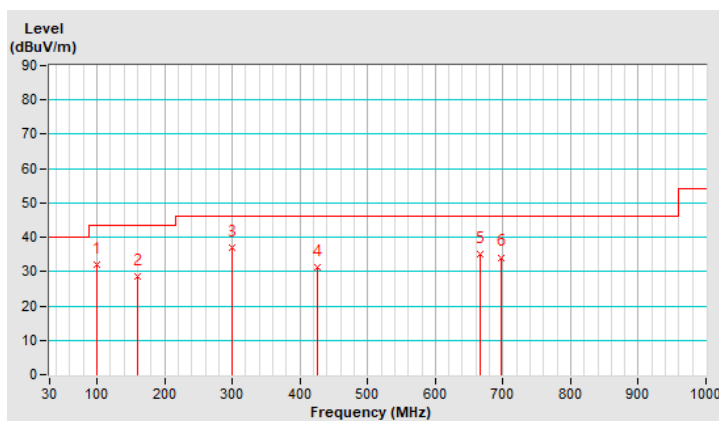


Channel	TX Channel 149	Detector Function	Quasi-Peak (QP)
Frequency Range	9kHz ~ 1GHz		

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	100.10	32.0 QP	43.5	-11.5	3.94 V	87	49.0	-17.0
2	159.40	28.6 QP	43.5	-14.9	1.96 V	141	41.1	-12.5
3	299.40	36.9 QP	46.0	-9.1	1.98 V	291	48.9	-12.0
4	424.90	31.2 QP	46.0	-14.8	1.15 V	332	40.0	-8.8
5	666.70	34.9 QP	46.0	-11.1	1.17 V	314	39.0	-4.1
6	697.40	34.1 QP	46.0	-11.9	2.03 V	249	37.7	-3.6

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. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 19, 2020	Mar. 18, 2021
50 ohms Terminator	50	3	Oct. 23, 2019	Oct. 22, 2020
RF Cable	5D-FB	COCCAB-001	Sep. 27, 2019	Sep. 26, 2020
Fixed attenuator EMCI	STI02-2200-10	005	Aug. 30, 2019	Aug. 29, 2020
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: Aug. 13, 2020

4.2.3 Test Procedure

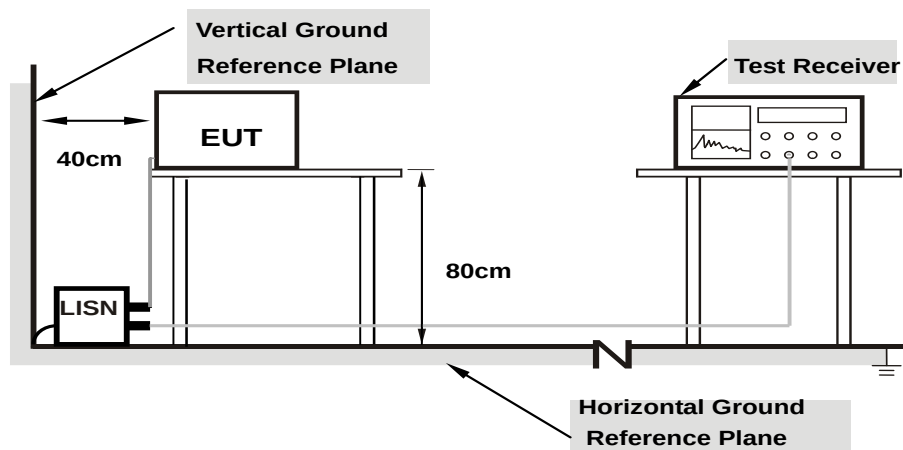
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance 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.

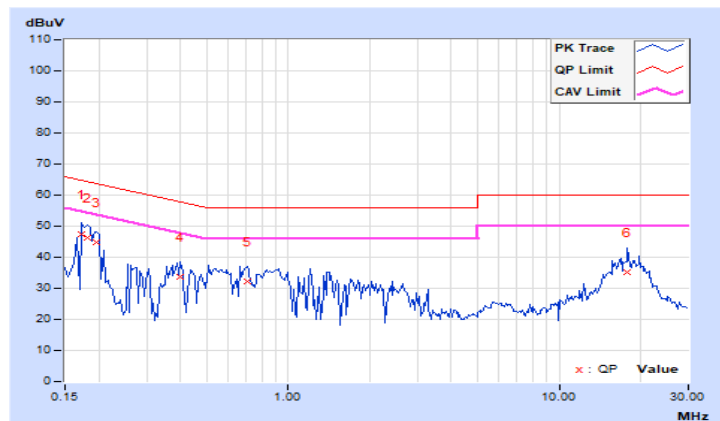
4.2.7 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
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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	0.17344	9.97	37.32	12.75	47.29	22.72	64.79	54.79	-17.50	-32.07
2	0.18125	9.97	36.24	14.32	46.21	24.29	64.43	54.43	-18.22	-30.14
3	0.19687	9.97	34.72	15.40	44.69	25.37	63.74	53.74	-19.05	-28.37
4	0.40000	9.98	23.83	10.12	33.81	20.10	57.85	47.85	-24.04	-27.75
5	0.70469	10.00	22.31	7.73	32.31	17.73	56.00	46.00	-23.69	-28.27
6	17.91016	10.93	24.27	17.81	35.20	28.74	60.00	50.00	-24.80	-21.26

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

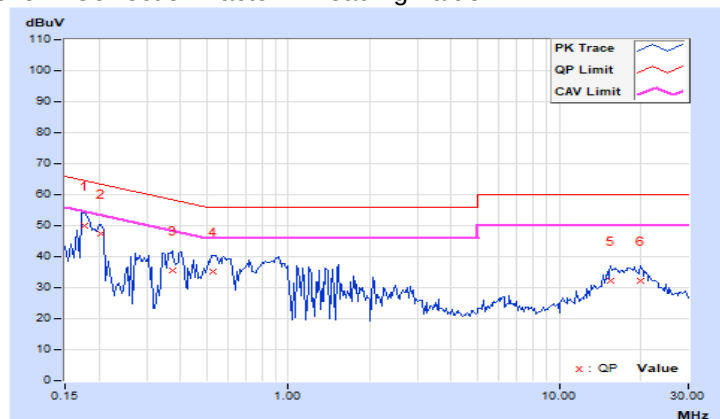


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
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Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBUV)		Emission Level (dBUV)		Limit (dBUV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17734	9.97	39.85	16.56	49.82	26.53	64.61	54.61	-14.79	-28.08
2	0.20469	9.97	37.36	17.03	47.33	27.00	63.42	53.42	-16.09	-26.42
3	0.37266	9.98	25.45	8.77	35.43	18.75	58.44	48.44	-23.01	-29.69
4	0.52891	9.99	25.15	6.80	35.14	16.79	56.00	46.00	-20.86	-29.21
5	15.55859	10.62	21.51	15.01	32.13	25.63	60.00	50.00	-27.87	-24.37
6	19.92188	10.80	21.54	14.78	32.34	25.58	60.00	50.00	-27.66	-24.42

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} ;

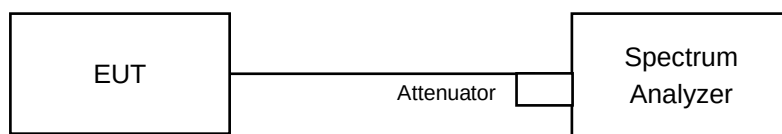
Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

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

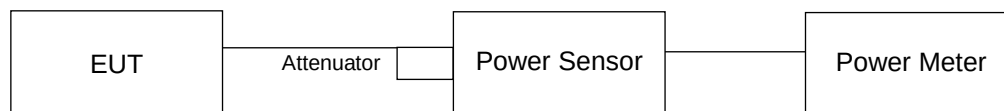
4.3.2 Test Setup

FOR POWER OUTPUT MEASUREMENT

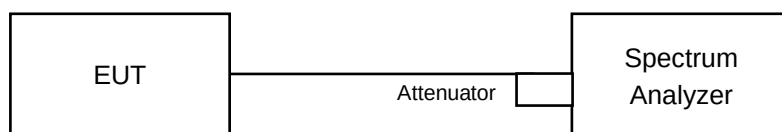
For channel straddling 5725MHz:



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 ≥ 2 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	18.88	18.93	155.431	21.92	24.00	Pass
40	5200	18.89	18.93	155.609	21.92	24.00	Pass
48	5240	18.93	18.89	155.609	21.92	24.00	Pass
52	5260	18.96	18.92	156.688	21.95	24.00	Pass
60	5300	18.84	18.89	154.006	21.88	24.00	Pass
64	5320	18.83	18.93	154.546	21.89	24.00	Pass
100	5500	19.02	18.90	157.424	21.97	24.00	Pass
116	5580	18.95	18.93	156.686	21.95	24.00	Pass
140	5700	18.02	18.07	127.508	21.06	24.00	Pass
*144 (U-NII-2C Band)	5720	16.27	16.85	153.954	21.87	24.00	Pass
*144 (U-NII-3 Band)	5720	9.13	9.79	30.038	14.78	30.00	Pass
149	5745	22.35	22.45	347.583	25.41	30.00	Pass
157	5785	22.39	22.46	349.578	25.44	30.00	Pass
165	5825	22.26	22.48	345.278	25.38	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	25.99	25.14 > 24
60	5300	29.27	25.66 > 24
64	5320	29.07	25.63 > 24
100	5500	25.3	25.03 > 24
116	5580	30.91	25.9 > 24
140	5700	24.88	24.95 > 24
144 (U-NII-2C Band)	5720	20.77	24.17 > 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	18.65	18.70	147.413	21.69	24.00	Pass
40	5200	18.71	18.75	149.291	21.74	24.00	Pass
48	5240	18.73	18.77	149.98	21.76	24.00	Pass
52	5260	18.61	18.73	147.255	21.68	24.00	Pass
60	5300	18.57	18.74	146.762	21.67	24.00	Pass
64	5320	18.52	18.86	148.034	21.70	24.00	Pass
100	5500	18.73	18.52	145.766	21.64	24.00	Pass
116	5580	18.77	18.71	149.637	21.75	24.00	Pass
140	5700	17.42	17.51	111.572	20.48	24.00	Pass
*144 (U-NII-2C Band)	5720	16.48	16.06	143.581	21.57	24.00	Pass
*144 (U-NII-3 Band)	5720	9.33	9.48	29.523	14.70	30.00	Pass
149	5745	22.29	22.24	336.928	25.28	30.00	Pass
157	5785	22.23	22.28	336.153	25.27	30.00	Pass
165	5825	22.28	22.06	329.738	25.18	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	25.61	25.08 > 24
60	5300	25.67	25.09 > 24
64	5320	25.77	25.11 > 24
100	5500	23.1	24.63 > 24
116	5580	25.38	25.04 > 24
140	5700	23.02	24.62 > 24
144 (U-NII-2C Band)	5720	20.33	24.08 > 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	16.13	16.23	82.996	19.19	24.00	Pass
46	5230	19.20	19.96	182.26	22.61	24.00	Pass
54	5270	19.34	19.74	180.09	22.55	24.00	Pass
62	5310	15.87	16.19	80.228	19.04	24.00	Pass
102	5510	15.49	15.74	72.897	18.63	24.00	Pass
110	5550	20.51	20.98	237.775	23.76	24.00	Pass
134	5670	18.65	18.67	146.903	21.67	24.00	Pass
*142 (U-NII-2C Band)	5710	17.91	18.27	217.906	23.38	24.00	Pass
*142 (U-NII-3 Band)	5710	6.37	6.56	14.98	11.76	30.00	Pass
151	5755	21.01	21.07	254.121	24.05	30.00	Pass
159	5795	21.08	21.13	257.951	24.12	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	81.2	30.09 > 24
62	5310	44.36	27.46 > 24
102	5510	43.84	27.41 > 24
110	5550	88.25	30.45 > 24
134	5670	80.17	30.04 > 24
142 (U-NII-2C Band)	5710	55.03	28.4 > 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	15.43	16.20	76.601	18.84	24.00	Pass
58	5290	15.31	15.89	72.778	18.62	24.00	Pass
106	5530	15.43	15.95	74.269	18.71	24.00	Pass
122	5610	20.05	20.44	211.82	23.26	24.00	Pass
*138 (U-NII-2C Band)	5690	16.30	16.37	147.58	21.69	24.00	Pass
*138 (U-NII-3 Band)	5690	0.78	0.91	4.169	6.20	30.00	Pass
155	5775	20.26	20.43	216.577	23.36	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	81.9	30.13 > 24
106	5530	81.93	30.13 > 24
122	5610	130.02	32.14 > 24
138 (U-NII-2C Band)	5690	101.7	31.07 > 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	18.85	18.90	154.361	21.89	24.00	Pass
40	5200	18.91	18.95	156.327	21.94	24.00	Pass
48	5240	18.93	18.97	157.049	21.96	24.00	Pass
52	5260	18.81	18.93	154.195	21.88	24.00	Pass
60	5300	18.77	18.94	153.679	21.87	24.00	Pass
64	5320	18.72	19.06	155.011	21.90	24.00	Pass
100	5500	18.93	18.72	152.636	21.84	24.00	Pass
116	5580	18.97	18.91	156.69	21.95	24.00	Pass
140	5700	17.44	17.51	111.826	20.49	24.00	Pass
*144 (U-NII-2C Band)	5720	16.68	16.50	154.413	21.89	24.00	Pass
*144 (U-NII-3 Band)	5720	10.73	10.05	37.147	15.70	30.00	Pass
149	5745	22.48	22.46	353.209	25.48	30.00	Pass
157	5785	22.44	22.47	351.992	25.47	30.00	Pass
165	5825	22.47	22.24	344.098	25.37	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	25.61	25.08 > 24
60	5300	25.67	25.09 > 24
64	5320	25.77	25.11 > 24
100	5500	23.1	24.63 > 24
116	5580	25.38	25.04 > 24
140	5700	23.02	24.62 > 24
144 (U-NII-2C Band)	5720	20.33	24.08 > 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	16.35	16.46	87.411	19.42	24.00	Pass
46	5230	19.65	20.17	196.249	22.93	24.00	Pass
54	5270	19.56	19.95	189.22	22.77	24.00	Pass
62	5310	16.09	16.37	83.995	19.24	24.00	Pass
102	5510	15.71	15.92	76.323	18.83	24.00	Pass
110	5550	20.73	21.16	248.921	23.96	24.00	Pass
134	5670	18.82	18.89	153.654	21.87	24.00	Pass
*142 (U-NII-2C Band)	5710	17.93	18.29	218.912	23.40	24.00	Pass
*142 (U-NII-3 Band)	5710	6.95	6.84	16.536	12.18	30.00	Pass
151	5755	21.22	21.25	265.786	24.25	30.00	Pass
159	5795	21.25	21.32	268.871	24.30	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	81.2	30.09 > 24
62	5310	44.36	27.46 > 24
102	5510	43.84	27.41 > 24
110	5550	88.25	30.45 > 24
134	5670	80.17	30.04 > 24
142 (U-NII-2C Band)	5710	55.03	28.4 > 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	15.66	16.38	80.264	19.05	24.00	Pass
58	5290	15.49	16.11	76.232	18.82	24.00	Pass
106	5530	15.66	16.14	77.928	18.92	24.00	Pass
122	5610	20.25	20.66	222.338	23.47	24.00	Pass
*138 (U-NII-2C Band)	5690	16.18	16.49	147.669	21.69	24.00	Pass
*138 (U-NII-3 Band)	5690	0.97	1.38	4.503	6.54	30.00	Pass
155	5775	20.44	20.61	225.742	23.54	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	81.9	30.13 > 24
106	5530	81.93	30.13 > 24
122	5610	130.02	32.14 > 24
138 (U-NII-2C Band)	5690	101.7	31.07 > 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	10.37	10.58	22.318	13.49	24.00	Pass
26/4	40	5200	10.55	10.46	22.467	13.52	24.00	Pass
26/8	48	5240	10.56	10.51	22.622	13.55	24.00	Pass
26/0	52	5260	10.46	10.60	22.599	13.54	24.00	Pass
26/4	60	5300	10.68	10.20	22.166	13.46	23.60	Pass
26/8	64	5320	10.48	10.55	22.519	13.53	24.00	Pass
26/0	100	5500	10.57	10.43	22.443	13.51	24.00	Pass
26/4	116	5580	10.88	10.12	22.526	13.53	23.59	Pass
26/8	140	5700	10.54	10.49	22.518	13.53	24.00	Pass
26/8	*144 (U-NII-2 C Band)	5720	-23.78	-20.79	0.021241	-16.73	22.55	Pass
26/8	*144 (U-NII-3 Band)	5720	7.09	7.57	18.37	12.64	30.00	Pass
26/0	*144 (U-NII-2 C Band)	5720	5.70	6.13	13.258	11.22	22.89	Pass
26/0	*144 (U-NII-3 Band)	5720	-28.76	-33.98	0.0029346	-25.32	30.00	Pass
26/0	149	5745	19.91	18.92	175.932	22.45	30.00	Pass
26/4	157	5785	22.43	22.38	347.966	25.42	30.00	Pass
26/8	165	5825	22.42	22.45	350.375	25.45	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	21.09	24.24 > 24
60	5300	18.23	23.6 < 24
64	5320	20.98	24.21 > 24
100	5500	21.04	24.23 > 24
116	5580	18.18	23.59 < 24
140	5700	21.07	24.23 > 24
144 (U-NII-2C Band)	5720	14.32	22.55 < 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	12.90	13.24	40.585	16.08	24.00	Pass
52/39	40	5200	12.91	13.16	40.245	16.05	24.00	Pass
52/40	48	5240	12.94	13.10	40.096	16.03	24.00	Pass
52/37	52	5260	12.97	13.17	40.564	16.08	24.00	Pass
52/39	60	5300	12.98	13.13	40.42	16.07	23.66	Pass
52/40	64	5320	12.93	13.05	39.817	16.00	24.00	Pass
52/37	100	5500	12.84	13.07	39.508	15.97	24.00	Pass
52/39	116	5580	13.17	12.80	39.804	16.00	23.66	Pass
52/40	140	5700	13.00	13.01	39.951	16.02	24.00	Pass
52/40	*144 (U-NII-2 C Band)	5720	-9.71	-0.61	1.6453	2.16	22.61	Pass
52/40	*144 (U-NII-3 Band)	5720	10.20	9.78	33.682	15.27	30.00	Pass
52/37	*144 (U-NII-2 C Band)	5720	7.68	8.65	22.238	13.47	22.86	Pass
52/37	*144 (U-NII-3 Band)	5720	-26.96	-31.73	0.0045272	-23.44	30.00	Pass
52/37	149	5745	20.73	19.89	215.803	23.34	30.00	Pass
52/39	157	5785	22.42	22.17	339.398	25.31	30.00	Pass
52/40	165	5825	24.72	24.69	590.925	27.72	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	20.55	24.12 > 24
60	5300	18.48	23.66 < 24
64	5320	20.97	24.21 > 24
100	5500	20.5	24.11 > 24
116	5580	18.49	23.66 < 24
140	5700	20.97	24.21 > 24
144 (U-NII-2C Band)	5720	14.52	22.61 < 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	16.00	15.90	78.715	18.96	24.00	Pass
106/53	40	5200	16.03	15.97	79.623	19.01	24.00	Pass
106/54	48	5240	16.02	15.94	79.259	18.99	24.00	Pass
106/53	52	5260	16.05	15.86	78.82	18.97	24.00	Pass
106/54	60	5300	16.10	15.91	79.732	19.02	24.00	Pass
106/54	64	5320	16.01	15.91	78.897	18.97	24.00	Pass
106/53	100	5500	16.04	15.88	78.905	18.97	24.00	Pass
106/53	116	5580	15.99	15.90	78.624	18.96	24.00	Pass
106/54	140	5700	15.98	15.94	78.892	18.97	24.00	Pass
106/54	*144 (U-NII-2 C Band)	5720	11.02	10.91	42.239	16.26	22.66	Pass
106/54	*144 (U-NII-3 Band)	5720	10.00	9.85	33.246	15.22	30.00	Pass
106/53	*144 (U-NII-2 C Band)	5720	10.95	11.68	45.942	16.62	22.83	Pass
106/53	*144 (U-NII-3 Band)	5720	-26.16	-30.40	0.0056362	-22.49	30.00	Pass
106/53	149	5745	21.42	20.53	251.655	24.01	30.00	Pass
106/54	157	5785	25.10	25.01	640.55	28.07	30.00	Pass
106/54	165	5825	25.05	24.95	632.497	28.01	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	20.46	24.1 > 24
60	5300	20.84	24.18 > 24
64	5320	20.81	24.18 > 24
100	5500	20.38	24.09 > 24
116	5580	20.41	24.09 > 24
140	5700	20.78	24.17 > 24
144 (U-NII-2C Band)	5720	14.68	22.66 < 24

Beamforming Mode

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	18.65	18.70	147.413	21.69	21.99	Pass
40	5200	18.71	18.75	149.291	21.74	21.99	Pass
48	5240	18.73	18.77	149.98	21.76	21.99	Pass
52	5260	18.61	18.73	147.255	21.68	21.99	Pass
60	5300	18.57	18.74	146.762	21.67	21.99	Pass
64	5320	18.52	18.86	148.034	21.70	21.99	Pass
100	5500	18.73	18.52	145.766	21.64	21.99	Pass
116	5580	18.77	18.71	149.637	21.75	21.99	Pass
140	5700	17.42	17.51	111.572	20.48	21.99	Pass
*144 (U-NII-2C Band)	5720	16.48	16.06	143.581	21.57	21.99	Pass
*144 (U-NII-3 Band)	5720	9.33	9.48	29.523	14.70	27.99	Pass
149	5745	22.29	22.24	336.928	25.28	27.99	Pass
157	5785	22.23	22.28	336.153	25.27	27.99	Pass
165	5825	22.28	22.06	329.738	25.18	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. The directional gain = 5 dBi + $10\log(2)$ = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

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

Power Limit = 11dBm + $10\log B < \text{U-NII-2A, U-NII-2C} >$			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	25.61	25.08 > 24
60	5300	25.67	25.09 > 24
64	5320	25.77	25.11 > 24
100	5500	23.1	24.63 > 24
116	5580	25.38	25.04 > 24
140	5700	23.02	24.62 > 24
144 (U-NII-2C Band)	5720	20.33	24.08 > 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	16.13	16.23	82.996	19.19	21.99	Pass
46	5230	18.45	17.85	130.938	21.17	21.99	Pass
54	5270	18.42	17.75	129.069	21.11	21.99	Pass
62	5310	15.87	16.19	80.228	19.04	21.99	Pass
102	5510	15.49	15.74	72.897	18.63	21.99	Pass
110	5550	18.52	18.40	140.304	21.47	21.99	Pass
134	5670	18.65	18.67	146.903	21.67	21.99	Pass
*142 (U-NII-2C Band)	5710	15.87	16.25	136.556	21.35	21.99	Pass
*142 (U-NII-3 Band)	5710	4.59	5.31	10.602	10.25	27.99	Pass
151	5755	21.01	21.07	254.121	24.05	27.99	Pass
159	5795	21.08	21.13	257.951	24.12	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

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	81.2	30.09 > 24
62	5310	44.36	27.46 > 24
102	5510	43.84	27.41 > 24
110	5550	88.25	30.45 > 24
134	5670	80.17	30.04 > 24
142 (U-NII-2C Band)	5710	55.03	28.4 > 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	15.43	16.20	76.601	18.84	21.99	Pass
58	5290	15.31	15.89	72.778	18.62	21.99	Pass
106	5530	15.43	15.95	74.269	18.71	21.99	Pass
122	5610	18.55	18.87	148.705	21.72	21.99	Pass
*138 (U-NII-2C Band)	5690	16.18	16.14	141.748	21.52	21.99	Pass
*138 (U-NII-3 Band)	5690	0.53	0.33	3.79	5.79	27.99	Pass
155	5775	20.26	20.43	216.577	23.36	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

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	81.9	30.13 > 24
106	5530	81.93	30.13 > 24
122	5610	130.02	32.14 > 24
138 (U-NII-2C Band)	5690	101.7	31.07 > 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	18.85	18.90	154.361	21.89	21.99	Pass
40	5200	18.91	18.95	156.327	21.94	21.99	Pass
48	5240	18.93	18.97	157.049	21.96	21.99	Pass
52	5260	18.81	18.93	154.195	21.88	21.99	Pass
60	5300	18.77	18.94	153.679	21.87	21.99	Pass
64	5320	18.72	19.06	155.011	21.90	21.99	Pass
100	5500	18.93	18.72	152.636	21.84	21.99	Pass
116	5580	18.97	18.91	156.69	21.95	21.99	Pass
140	5700	17.44	17.51	111.826	20.49	21.99	Pass
*144 (U-NII-2C Band)	5720	16.68	16.50	154.413	21.89	21.99	Pass
*144 (U-NII-3 Band)	5720	10.73	10.05	37.147	15.70	27.99	Pass
149	5745	22.48	22.46	353.209	25.48	27.99	Pass
157	5785	22.44	22.47	351.992	25.47	27.99	Pass
165	5825	22.47	22.24	344.098	25.37	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

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	25.61	25.08 > 24
60	5300	25.67	25.09 > 24
64	5320	25.77	25.11 > 24
100	5500	23.1	24.63 > 24
116	5580	25.38	25.04 > 24
140	5700	23.02	24.62 > 24
144 (U-NII-2C Band)	5720	20.33	24.08 > 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	16.35	16.46	87.411	19.42	21.99	Pass
46	5230	18.67	18.09	138.038	21.40	21.99	Pass
54	5270	18.66	18.02	136.838	21.36	21.99	Pass
62	5310	16.09	16.37	83.995	19.24	21.99	Pass
102	5510	15.71	15.92	76.323	18.83	21.99	Pass
110	5550	18.77	18.62	148.114	21.71	21.99	Pass
134	5670	18.82	18.89	153.654	21.87	21.99	Pass
*142 (U-NII-2C Band)	5710	16.34	16.67	151.255	21.80	21.99	Pass
*142 (U-NII-3 Band)	5710	4.77	5.80	11.493	10.60	27.99	Pass
151	5755	21.22	21.25	265.786	24.25	27.99	Pass
159	5795	21.25	21.32	268.871	24.30	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

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	81.2	30.09 > 24
62	5310	44.36	27.46 > 24
102	5510	43.84	27.41 > 24
110	5550	88.25	30.45 > 24
134	5670	80.17	30.04 > 24
142 (U-NII-2C Band)	5710	55.03	28.4 > 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	15.66	16.38	80.264	19.05	21.99	Pass
58	5290	15.49	16.11	76.232	18.82	21.99	Pass
106	5530	15.66	16.14	77.928	18.92	21.99	Pass
122	5610	18.75	19.03	154.973	21.90	21.99	Pass
*138 (U-NII-2C Band)	5690	16.44	16.55	153.126	21.85	21.99	Pass
*138 (U-NII-3 Band)	5690	1.13	1.43	4.611	6.64	27.99	Pass
155	5775	20.44	20.61	225.742	23.54	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

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	81.9	30.13 > 24
106	5530	81.93	30.13 > 24
122	5610	130.02	32.14 > 24
138 (U-NII-2C Band)	5690	101.7	31.07 > 24

For channel straddling 5725MHz of Power
CDD Mode



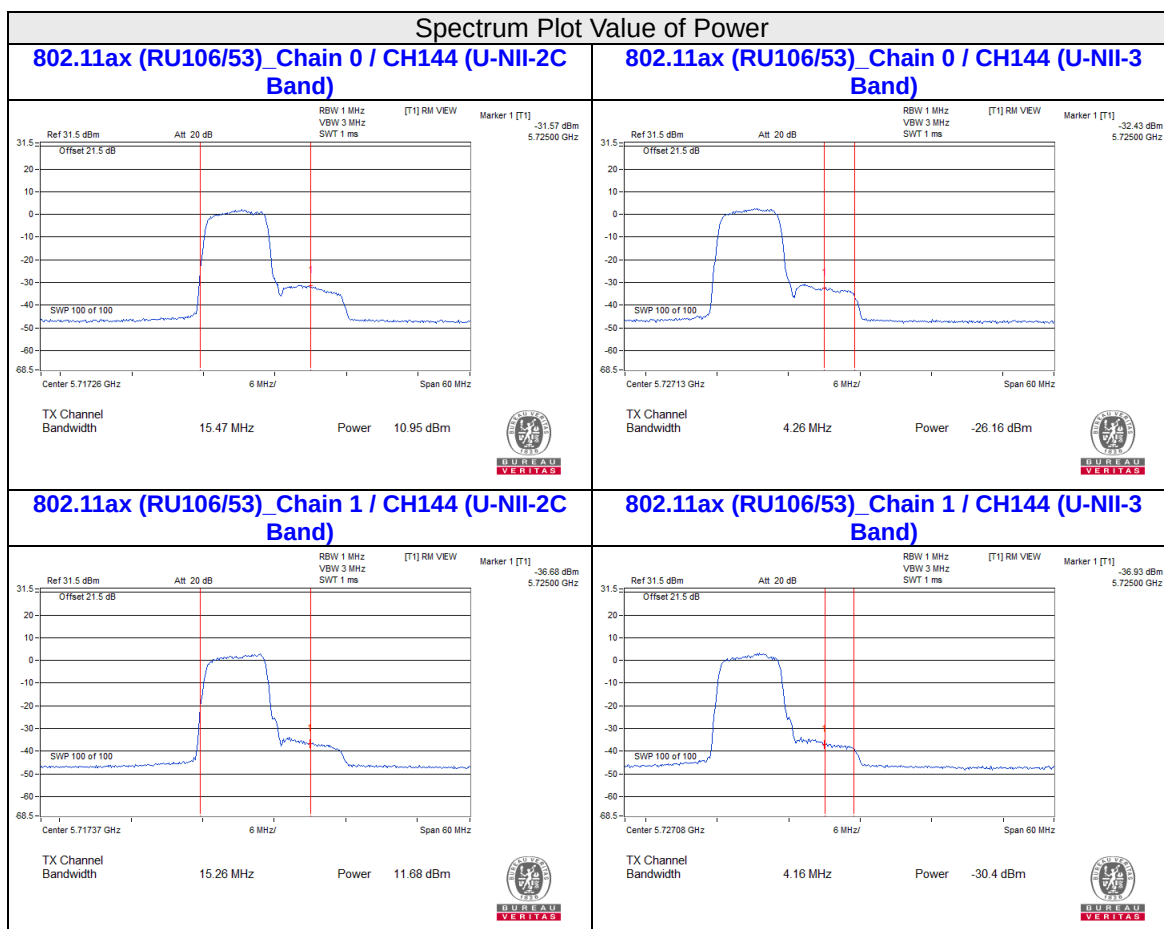






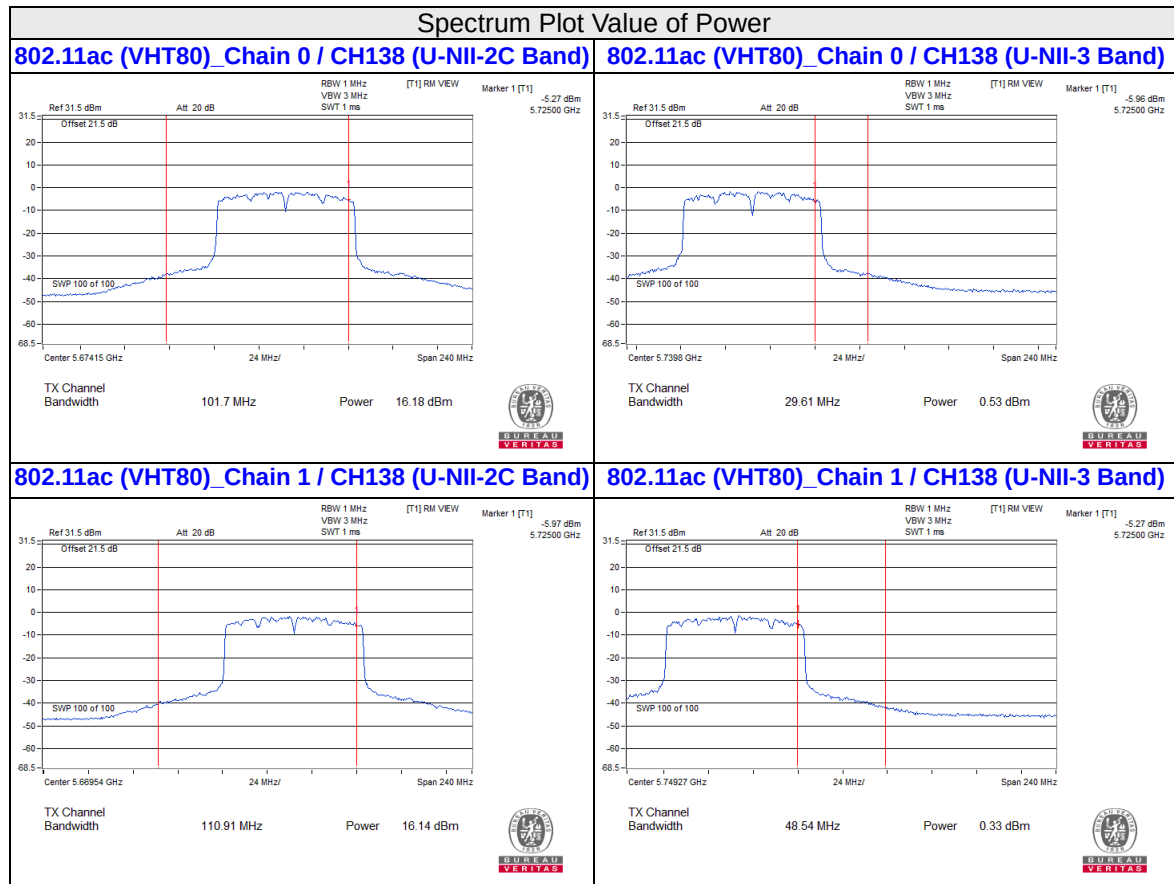




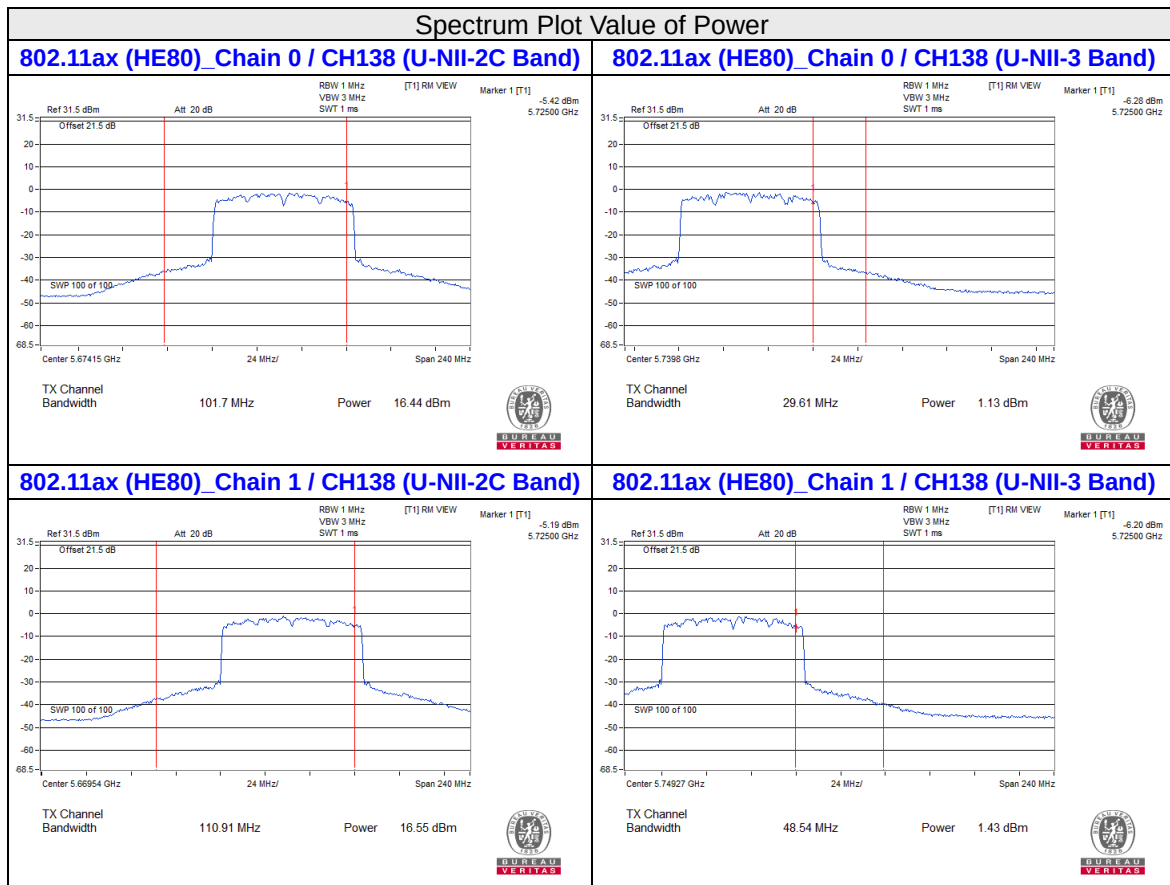


Beamforming Mode









26dB OCCUPIED BANDWIDTH

CDD Mode

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
52	5260	33.83	25.99
60	5300	33.28	29.27
64	5320	33.27	29.07
100	5500	33.11	25.3
116	5580	32.27	30.91
140	5700	32.39	24.88
144 (U-NII-2C Band)	5720	20.77	23.27

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
52	5260	27.84	25.61
60	5300	29.47	25.67
64	5320	25.95	25.77
100	5500	24.45	23.1
116	5580	26.19	25.38
140	5700	24.13	23.02
144 (U-NII-2C Band)	5720	20.33	20.45

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
54	5270	85.59	81.2
62	5310	46.99	44.36
102	5510	44.46	43.84
110	5550	88.25	89.19
134	5670	83.06	80.17
142 (U-NII-2C Band)	5710	55.03	56.83

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
58	5290	81.9	81.96
106	5530	81.98	81.93
122	5610	130.02	142.47
138 (U-NII-2C Band)	5690	101.7	110.91

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
26/0	52	5260	21.44	21.09
26/4	60	5300	18.31	18.23
26/8	64	5320	20.98	21.07
26/0	100	5500	21.3	21.04
26/4	116	5580	18.24	18.18
26/8	140	5700	21.07	21.09
26/8	144 (U-NII-2C Band)	5720	14.4	14.32
26/0	144 (U-NII-2C Band)	5720	15.49	15.48

802.11ax (RU52)

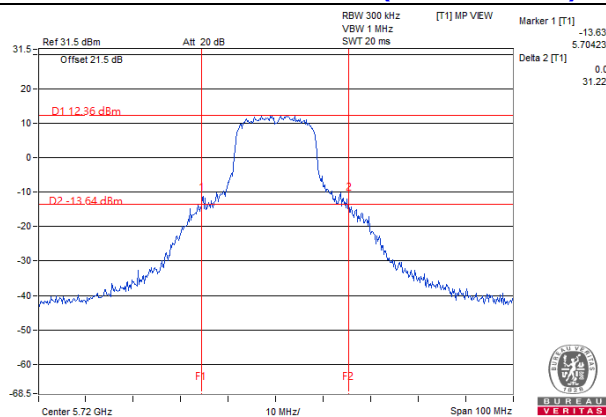
RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
52/37	52	5260	20.86	20.55
52/39	60	5300	18.63	18.48
52/40	64	5320	21.05	20.97
52/37	100	5500	20.84	20.5
52/39	116	5580	18.64	18.49
52/40	140	5700	21.12	20.97
52/40	144 (U-NII-2C Band)	5720	14.61	14.52
52/37	144 (U-NII-2C Band)	5720	15.43	15.37

802.11ax (RU106)

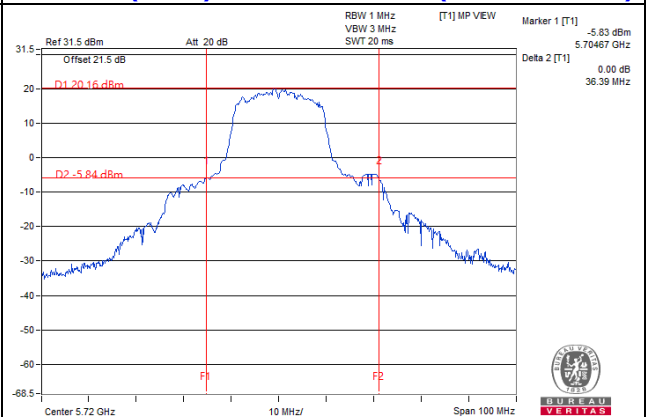
RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
106/53	52	5260	21.04	20.46
106/54	60	5300	20.84	21
106/54	64	5320	20.81	21
106/53	100	5500	21.09	20.38
106/53	116	5580	21.05	20.41
106/54	140	5700	20.78	21.06
106/54	144 (U-NII-2C Band)	5720	14.7	14.68
106/53	144 (U-NII-2C Band)	5720	15.47	15.26

Spectrum Plot of Worst Value

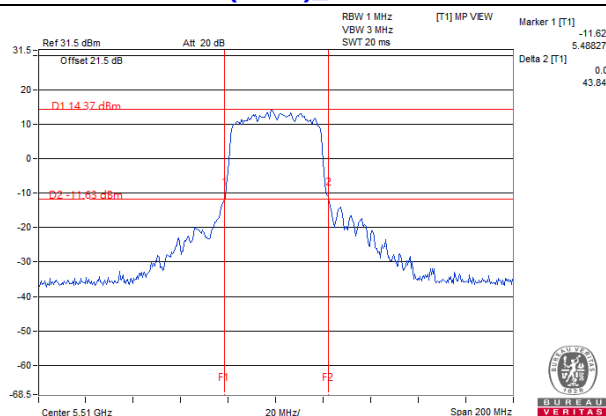
802.11a_Chain 0 / CH144 (U-NII-2C Band)



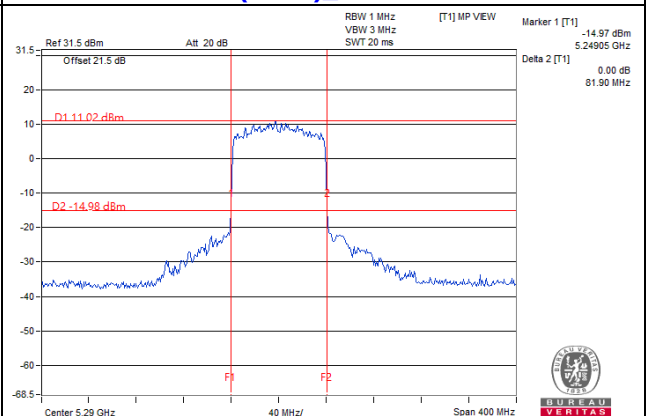
802.11ax (HE20)_Chain 0 / CH144 (U-NII-2C Band)



802.11ax (HE40)_Chain 1 / CH102



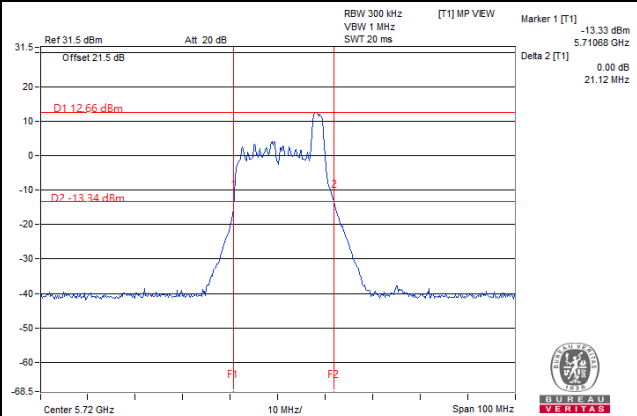
802.11ax (HE80)_Chain 0 / CH58



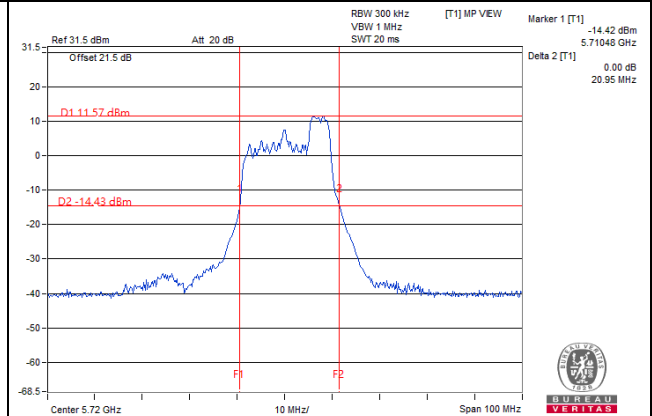
Note: For CH144 (U-NII-2C) = 5725MHz - Marker 1

Spectrum Plot of Worst Value

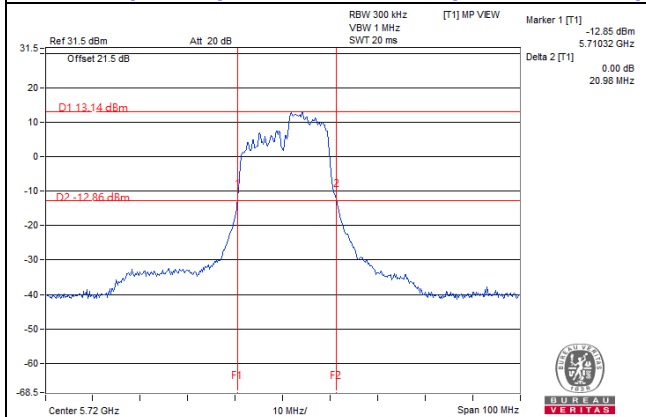
802.11ax (RU26)_Chain 1 / CH144 (U-NII-2C Band)



802.11ax (RU52)_Chain 1 / CH144 (U-NII-2C Band)

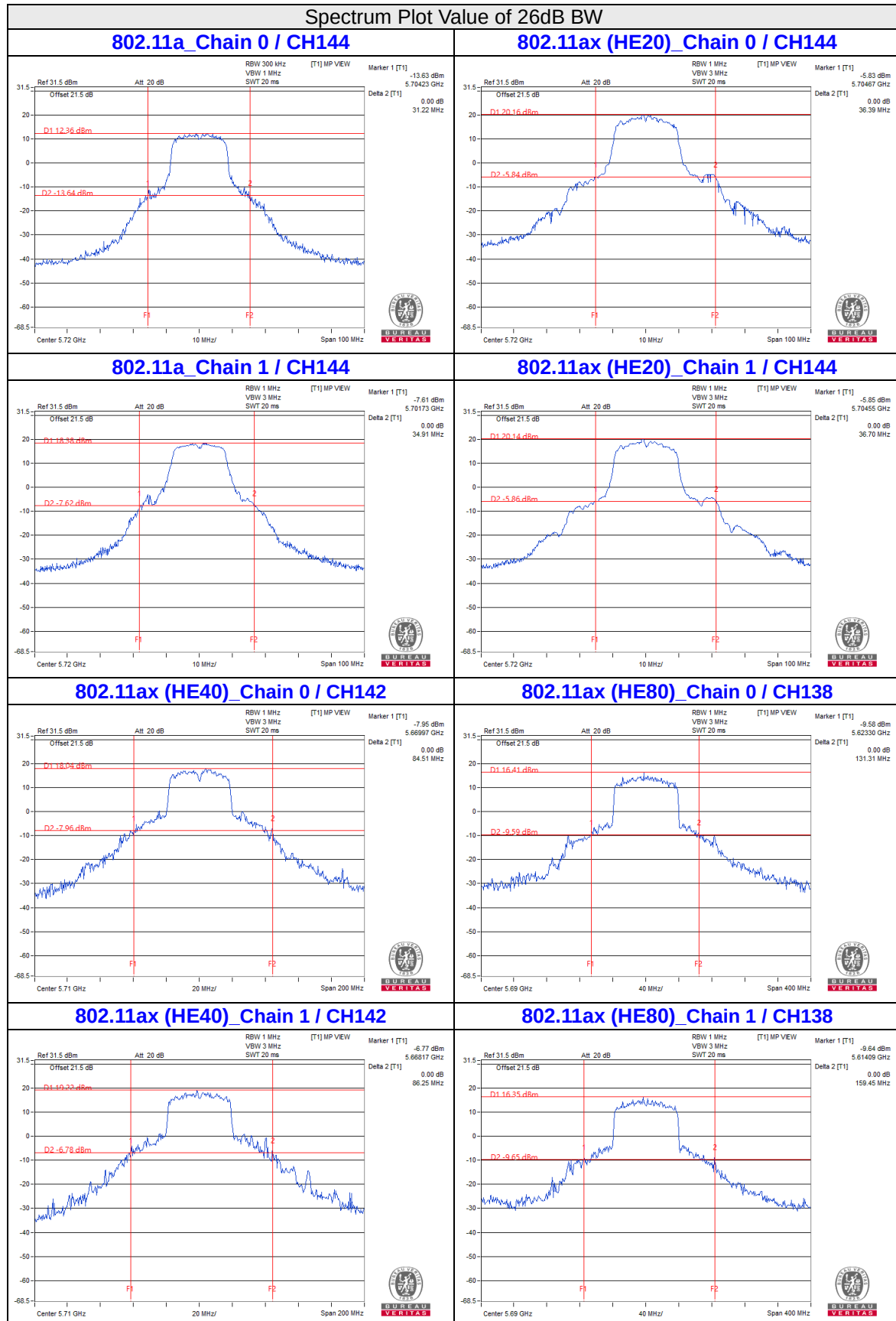


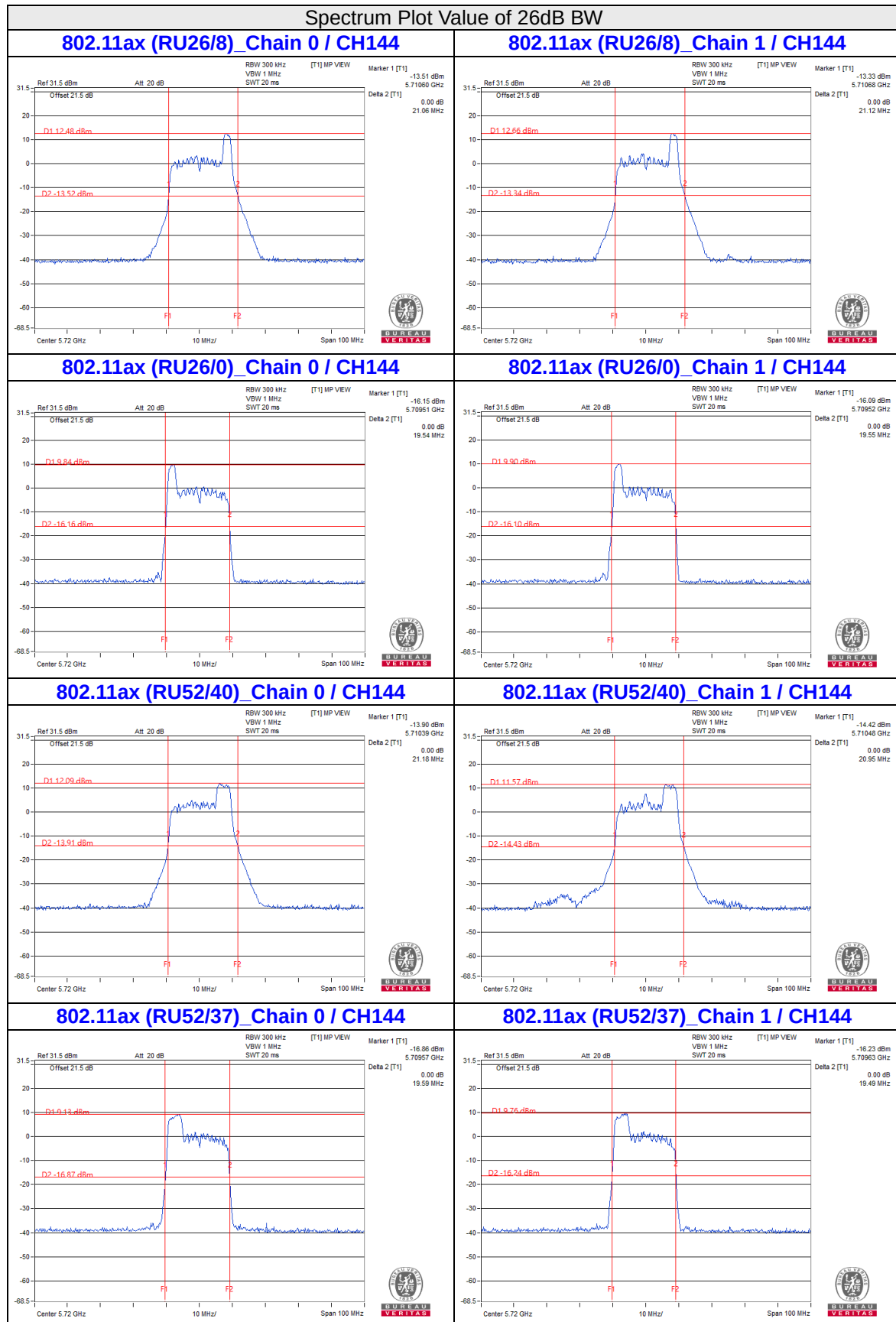
802.11ax (RU106)_Chain 1 / CH144 (U-NII-2C Band)

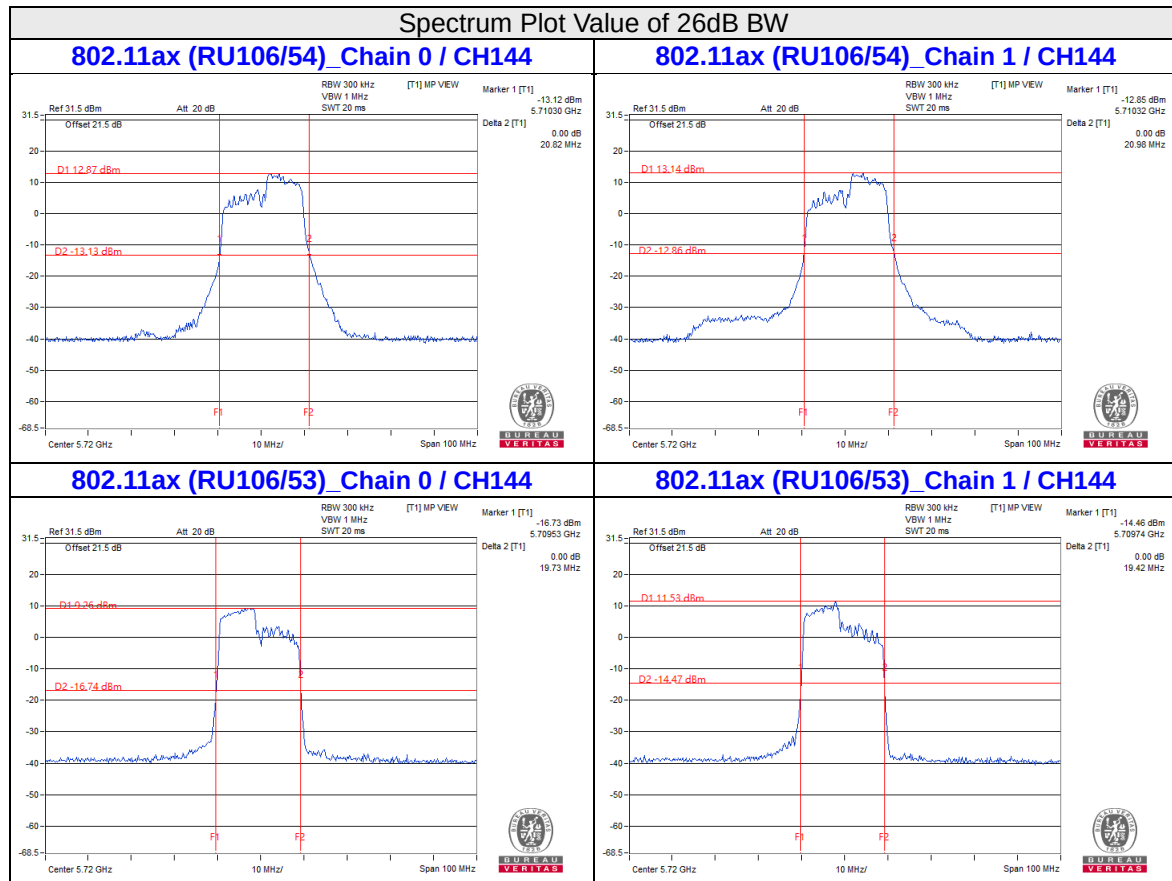


Note: For CH144 (U-NII-2C) = 5725MHz - Marker 1

For channel straddling 5725MHz of 26dB BW
CDD Mode







4.3.8 Test Results (Mode 2)

POWER OUTPUT

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	138.038	21.40	24.00	Pass
40	5200	177.011	22.48	24.00	Pass
48	5240	177.419	22.49	24.00	Pass
52	5260	176.604	22.47	24.00	Pass
60	5300	177.011	22.48	24.00	Pass
64	5320	150.661	21.78	24.00	Pass
100	5500	116.95	20.68	24.00	Pass
116	5580	170.608	22.32	24.00	Pass
140	5700	105.196	20.22	24.00	Pass
*144 (U-NII-2C Band)	5720	193.36	22.86	24.00	Pass
*144 (U-NII-3 Band)	5720	38.758	15.88	30.00	Pass
149	5745	174.582	22.42	30.00	Pass
157	5785	177.419	22.49	30.00	Pass
165	5825	177.011	22.48	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	42.42	27.27 > 24
60	5300	42.41	27.27 > 24
64	5320	40.46	27.07 > 24
100	5500	35.93	26.55 > 24
116	5580	40.59	27.08 > 24
140	5700	36.02	26.56 > 24
144 (U-NII-2C Band)	5720	28.21	25.5 > 24

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	128.233	21.08	24.00	Pass
40	5200	167.494	22.24	24.00	Pass
48	5240	155.955	21.93	24.00	Pass
52	5260	150.314	21.77	24.00	Pass
60	5300	151.008	21.79	24.00	Pass
64	5320	115.611	20.63	24.00	Pass
100	5500	94.406	19.75	24.00	Pass
116	5580	152.757	21.84	24.00	Pass
140	5700	78.705	18.96	24.00	Pass
*144 (U-NII-2C Band)	5720	141.617	21.51	24.00	Pass
*144 (U-NII-3 Band)	5720	29.931	14.76	30.00	Pass
149	5745	166.341	22.21	30.00	Pass
157	5785	169.044	22.28	30.00	Pass
165	5825	165.959	22.20	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	45.87	27.61 > 24
60	5300	45.64	27.59 > 24
64	5320	43.27	27.36 > 24
100	5500	35.86	26.54 > 24
116	5580	48.32	27.84 > 24
140	5700	35.72	26.52 > 24
144 (U-NII-2C Band)	5720	23.86	24.77 > 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
38	5190	70.307	18.47	24.00	Pass
46	5230	97.051	19.87	24.00	Pass
54	5270	104.713	20.20	24.00	Pass
62	5310	62.517	17.96	24.00	Pass
102	5510	52	17.16	24.00	Pass
110	5550	132.434	21.22	24.00	Pass
134	5670	126.765	21.03	24.00	Pass
*142 (U-NII-2C Band)	5710	153.621	21.86	24.00	Pass
*142 (U-NII-3 Band)	5710	10.315	10.13	30.00	Pass
151	5755	129.122	21.11	30.00	Pass
159	5795	130.617	21.16	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	80.95	30.08 > 24
62	5310	62.35	28.94 > 24
102	5510	49.46	27.94 > 24
110	5550	81.83	30.12 > 24
134	5670	89.93	30.53 > 24
142 (U-NII-2C Band)	5710	56.11	28.49 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
42	5210	56.105	17.49	24.00	Pass
58	5290	54.576	17.37	24.00	Pass
106	5530	50.582	17.04	24.00	Pass
122	5610	111.173	20.46	24.00	Pass
*138 (U-NII-2C Band)	5690	128.672	21.09	24.00	Pass
*138 (U-NII-3 Band)	5690	3.754	5.74	30.00	Pass
155	5775	110.408	20.43	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	81.82	30.12 > 24
106	5530	81.86	30.13 > 24
122	5610	158.07	32.98 > 24
138 (U-NII-2C Band)	5690	99.53	30.97 > 24

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	134.586	21.29	24.00	Pass
40	5200	176.198	22.46	24.00	Pass
48	5240	162.555	22.11	24.00	Pass
52	5260	158.855	22.01	24.00	Pass
60	5300	159.221	22.02	24.00	Pass
64	5320	120.781	20.82	24.00	Pass
100	5500	99.083	19.96	24.00	Pass
116	5580	160.694	22.06	24.00	Pass
140	5700	82.794	19.18	24.00	Pass
*144 (U-NII-2C Band)	5720	150.354	21.77	24.00	Pass
*144 (U-NII-3 Band)	5720	33.738	15.28	30.00	Pass
149	5745	175.388	22.44	30.00	Pass
157	5785	176.604	22.47	30.00	Pass
165	5825	174.582	22.42	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	45.87	27.61 > 24
60	5300	45.64	27.59 > 24
64	5320	43.27	27.36 > 24
100	5500	35.86	26.54 > 24
116	5580	48.32	27.84 > 24
140	5700	35.72	26.52 > 24
144 (U-NII-2C Band)	5720	23.86	24.77 > 24

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
38	5190	73.961	18.69	24.00	Pass
46	5230	102.094	20.09	24.00	Pass
54	5270	105.439	20.23	24.00	Pass
62	5310	65.766	18.18	24.00	Pass
102	5510	54.325	17.35	24.00	Pass
110	5550	133.045	21.24	24.00	Pass
134	5670	132.13	21.21	24.00	Pass
*142 (U-NII-2C Band)	5710	157.199	21.96	24.00	Pass
*142 (U-NII-3 Band)	5710	12.035	10.80	30.00	Pass
151	5755	135.831	21.33	30.00	Pass
159	5795	137.404	21.38	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	80.95	30.08 > 24
62	5310	62.35	28.94 > 24
102	5510	49.46	27.94 > 24
110	5550	81.83	30.12 > 24
134	5670	89.93	30.53 > 24
142 (U-NII-2C Band)	5710	56.11	28.49 > 24

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
42	5210	58.749	17.69	24.00	Pass
58	5290	57.016	17.56	24.00	Pass
106	5530	53.211	17.26	24.00	Pass
122	5610	116.681	20.67	24.00	Pass
*138 (U-NII-2C Band)	5690	133.808	21.26	24.00	Pass
*138 (U-NII-3 Band)	5690	4.202	6.23	30.00	Pass
155	5775	115.878	20.64	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	81.82	30.12 > 24
106	5530	81.86	30.13 > 24
122	5610	158.07	32.98 > 24
138 (U-NII-2C Band)	5690	99.53	30.97 > 24

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
26/0	36	5180	13.86	24.322	13.86	24.00	Pass
26/4	40	5200	13.92	24.66	13.92	24.00	Pass
26/8	48	5240	13.77	23.823	13.77	24.00	Pass
26/0	52	5260	13.89	24.491	13.89	24.00	Pass
26/4	60	5300	13.87	24.378	13.87	23.61	Pass
26/8	64	5320	13.72	23.55	13.72	24.00	Pass
26/0	100	5500	13.95	24.831	13.95	24.00	Pass
26/4	116	5580	13.97	24.946	13.97	23.58	Pass
26/8	140	5700	13.85	24.266	13.85	24.00	Pass
26/8	*144 (U-NII-2 C Band)	5720	-15.89	0.04334	-13.63	22.58	Pass
26/8	*144 (U-NII-3 Band)	5720	11.38	23.117	13.64	30.00	Pass
26/0	*144 (U-NII-2 C Band)	5720	9.96	16.67	12.22	22.92	Pass
26/0	*144 (U-NII-3 Band)	5720	-35.01	0.0005308	-32.75	30.00	Pass
26/0	149	5745	22.34	171.396	22.34	30.00	Pass
26/4	157	5785	22.45	175.792	22.45	30.00	Pass
26/8	165	5825	22.37	172.584	22.37	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	21.43	24.31 > 24
60	5300	18.24	23.61 < 24
64	5320	21.01	24.22 > 24
100	5500	21.33	24.28 > 24
116	5580	18.15	23.58 < 24
140	5700	21.07	24.23 > 24
144 (U-NII-2C Band)	5720	14.39	22.58 < 24

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
52/37	36	5180	17.41	55.081	17.41	24.00	Pass
52/39	40	5200	17.31	53.827	17.31	24.00	Pass
52/40	48	5240	17.35	54.325	17.35	24.00	Pass
52/37	52	5260	17.36	54.45	17.36	24.00	Pass
52/39	60	5300	17.39	54.828	17.39	23.69	Pass
52/40	64	5320	17.37	54.576	17.37	24.00	Pass
52/37	100	5500	17.25	53.088	17.25	24.00	Pass
52/39	116	5580	17.28	53.456	17.28	23.71	Pass
52/40	140	5700	17.33	54.075	17.33	24.00	Pass
52/40	*144 (U-NII-2 C Band)	5720	-3.97	0.6772	-1.69	22.59	Pass
52/40	*144 (U-NII-3 Band)	5720	14.48	47.39	16.76	30.00	Pass
52/37	*144 (U-NII-2 C Band)	5720	13.30	36.115	15.58	22.92	Pass
52/37	*144 (U-NII-3 Band)	5720	-33.90	0.0006882	-31.62	30.00	Pass
52/37	149	5745	25.10	323.594	25.10	30.00	Pass
52/39	157	5785	25.83	382.825	25.83	30.00	Pass
52/40	165	5825	25.49	353.997	25.49	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 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	20.81	24.18 > 24
60	5300	18.62	23.69 < 24
64	5320	21.01	24.22 > 24
100	5500	20.92	24.2 > 24
116	5580	18.68	23.71 < 24
140	5700	20.94	24.2 > 24
144 (U-NII-2C Band)	5720	14.45	22.59 < 24

802.11ax (RU106)

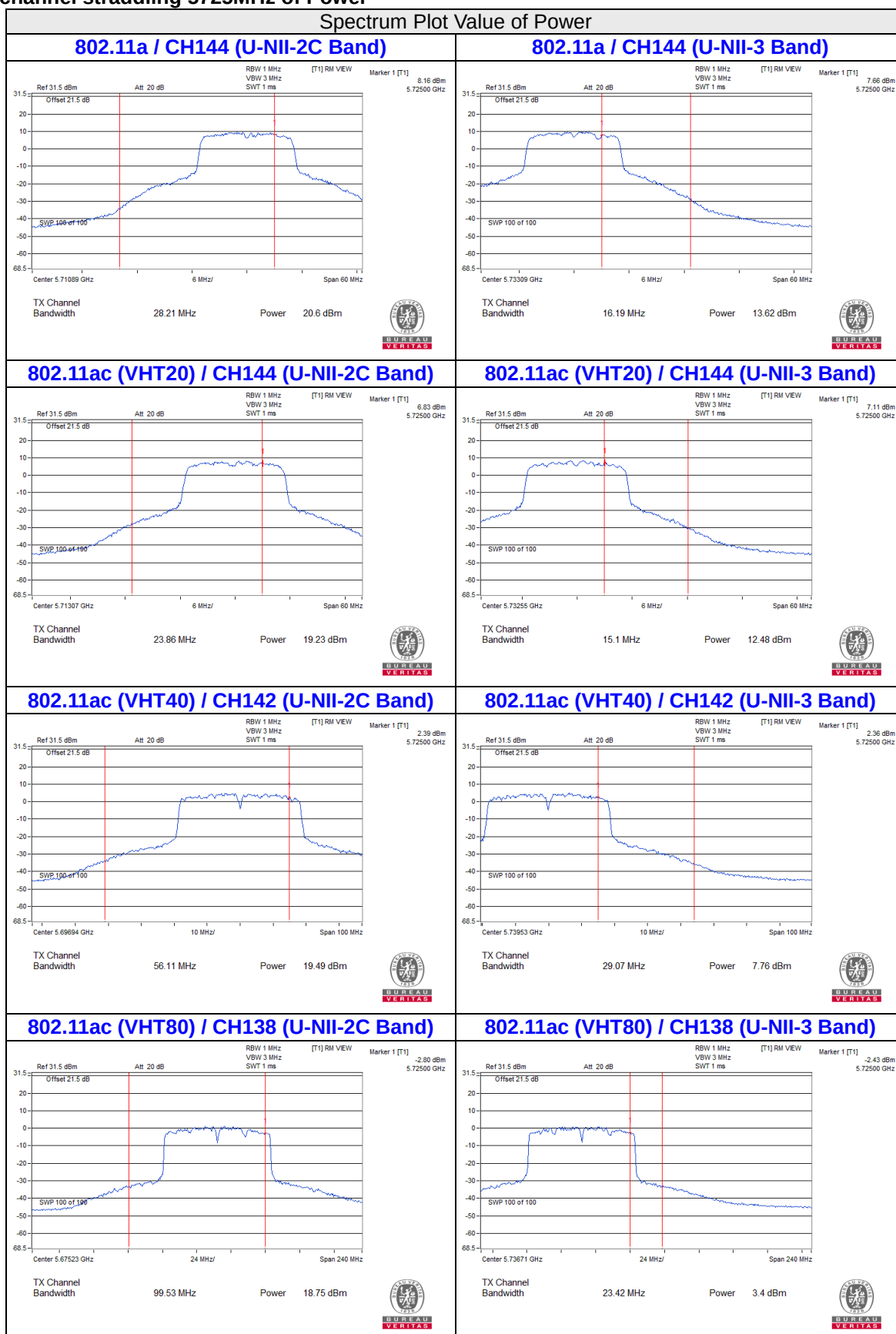
RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
106/53	36	5180	20.32	107.647	20.32	24.00	Pass
106/53	40	5200	20.34	108.143	20.34	24.00	Pass
106/54	48	5240	20.32	107.647	20.32	24.00	Pass
106/53	52	5260	20.24	105.682	20.24	24.00	Pass
106/54	60	5300	20.27	106.414	20.27	24.00	Pass
106/54	64	5320	20.31	107.399	20.31	24.00	Pass
106/53	100	5500	20.29	106.905	20.29	24.00	Pass
106/53	116	5580	20.34	108.143	20.34	24.00	Pass
106/54	140	5700	20.26	106.17	20.26	24.00	Pass
106/54	*144 (U-NII-2 C Band)	5720	15.17	55.693	17.46	22.66	Pass
106/54	*144 (U-NII-3 Band)	5720	13.97	42.247	16.26	30.00	Pass
106/53	*144 (U-NII-2 C Band)	5720	15.66	62.344	17.95	22.89	Pass
106/53	*144 (U-NII-3 Band)	5720	-30.84	0.0013957	-28.55	30.00	Pass
106/53	149	5745	25.46	351.56	25.46	30.00	Pass
106/54	157	5785	25.69	370.681	25.69	30.00	Pass
106/54	165	5825	25.77	377.572	25.77	30.00	Pass

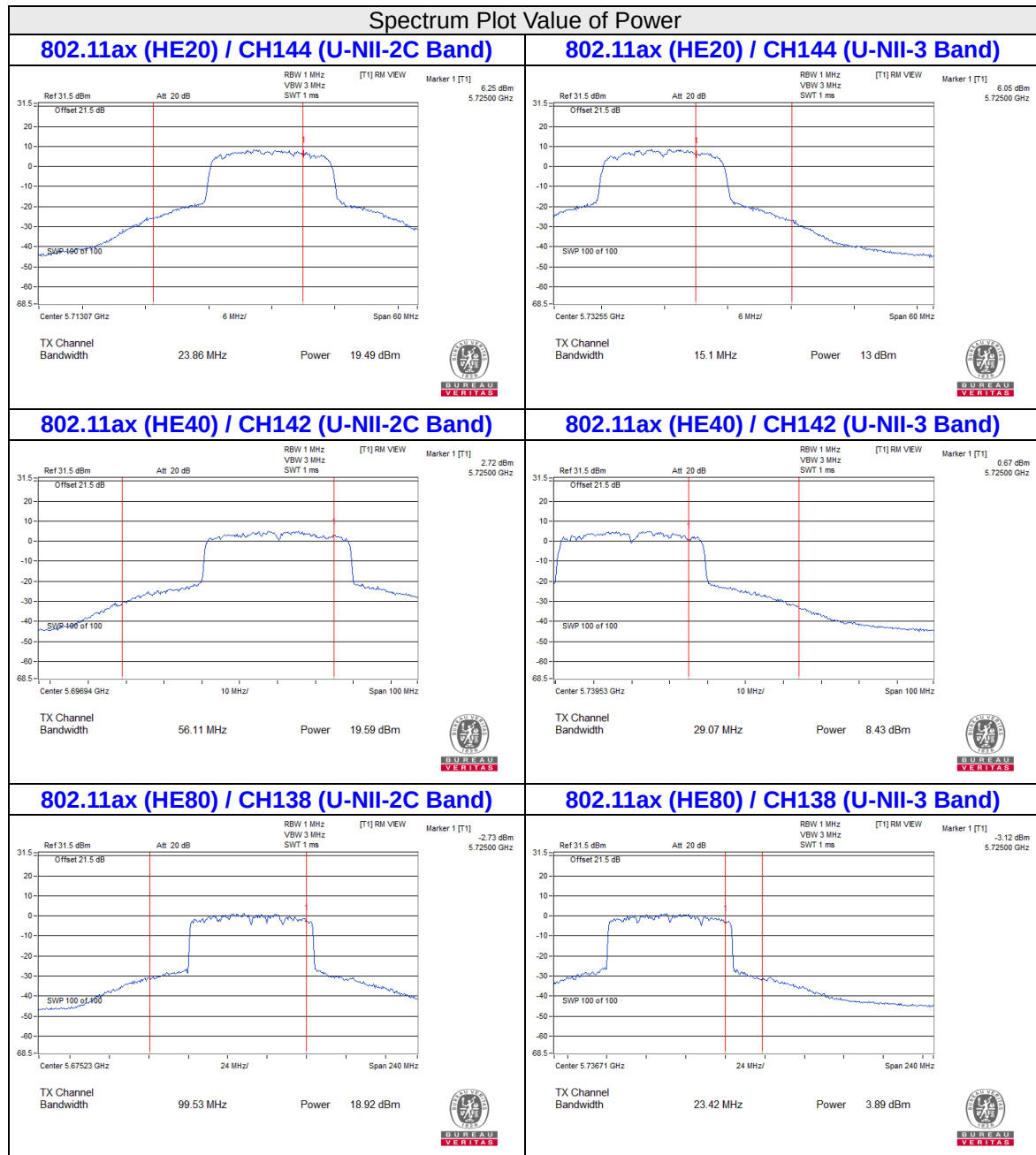
Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test.

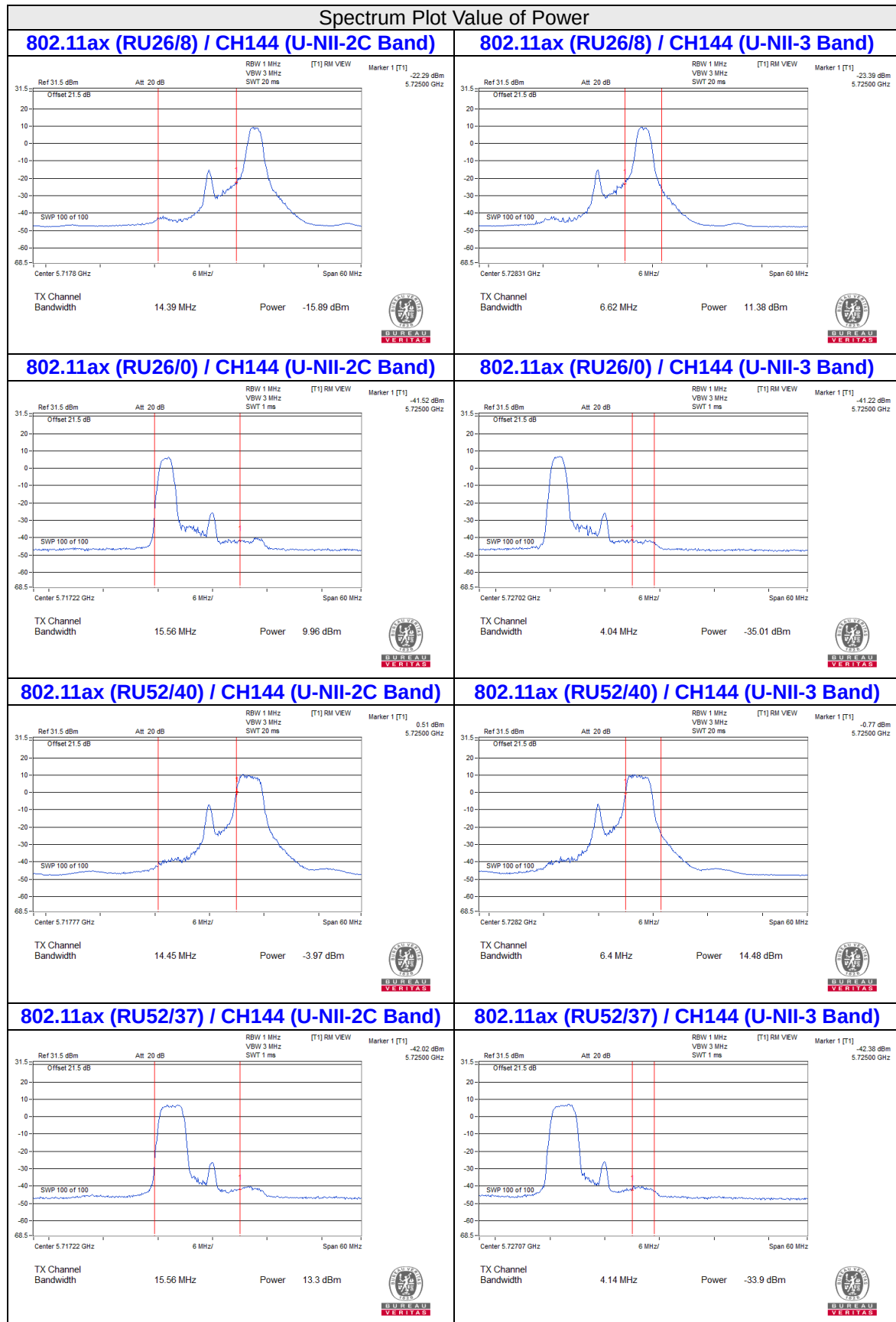
Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

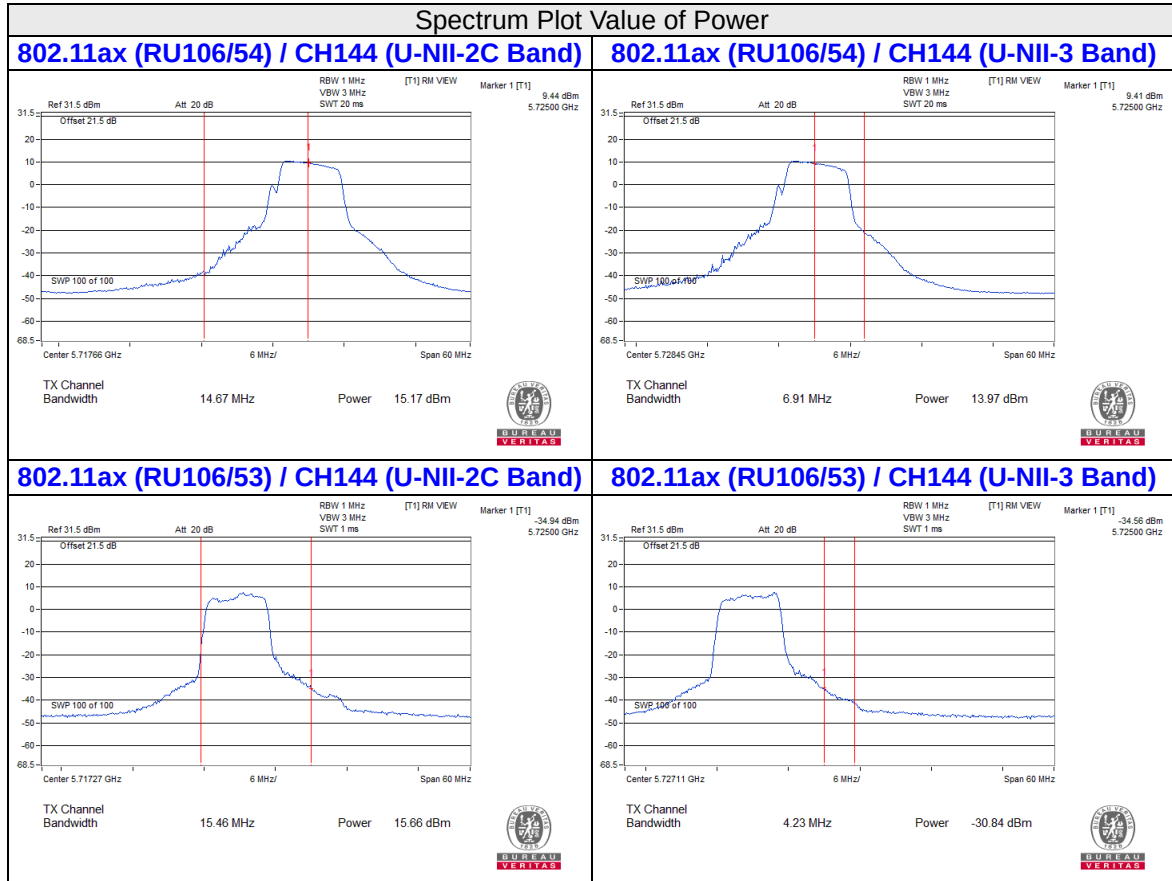
Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	21.2	24.26 > 24
60	5300	21.44	24.31 > 24
64	5320	21.41	24.3 > 24
100	5500	21.25	24.27 > 24
116	5580	21.2	24.26 > 24
140	5700	21.61	24.34 > 24
144 (U-NII-2C Band)	5720	14.67	22.66 < 24

For channel straddling 5725MHz of Power









26dB OCCUPIED BANDWIDTH

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
52	5260	42.42
60	5300	42.41
64	5320	40.46
100	5500	35.93
116	5580	40.59
140	5700	36.02
144 (U-NII-2C Band)	5720	28.21

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
52	5260	45.87
60	5300	45.64
64	5320	43.27
100	5500	35.86
116	5580	48.32
140	5700	35.72
144 (U-NII-2C Band)	5720	23.86

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
54	5270	80.95
62	5310	62.35
102	5510	49.46
110	5550	81.83
134	5670	89.93
142 (U-NII-2C Band)	5710	56.11

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
58	5290	81.82
106	5530	81.86
122	5610	158.07
138 (U-NII-2C Band)	5690	99.53

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26/0	52	5260	21.43
26/4	60	5300	18.24
26/8	64	5320	21.01
26/0	100	5500	21.33
26/4	116	5580	18.15
26/8	140	5700	21.07
26/8	144 (U-NII-2C Band)	5720	14.39
26/0	144 (U-NII-2C Band)	5720	15.56

802.11ax (RU52)

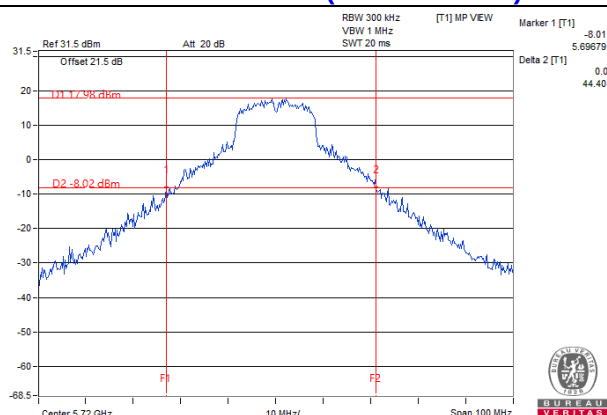
RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
52/37	52	5260	20.81
52/39	60	5300	18.62
52/40	64	5320	21.01
52/37	100	5500	20.92
52/39	116	5580	18.68
52/40	140	5700	20.94
52/40	144 (U-NII-2C Band)	5720	14.45
52/37	144 (U-NII-2C Band)	5720	15.56

802.11ax (RU106)

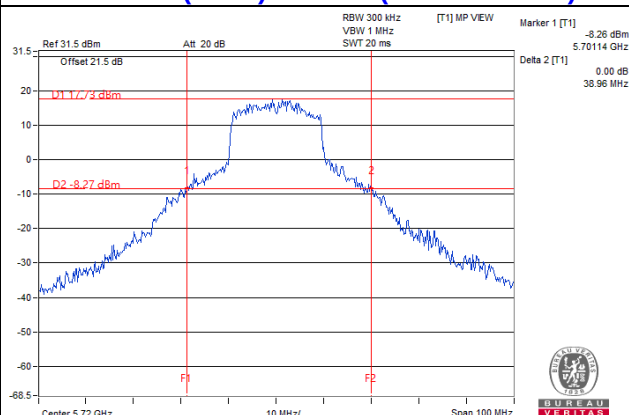
RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
106/53	52	5260	21.2
106/54	60	5300	21.44
106/54	64	5320	21.41
106/53	100	5500	21.25
106/53	116	5580	21.2
106/54	140	5700	21.61
106/54	144 (U-NII-2C Band)	5720	14.67
106/53	144 (U-NII-2C Band)	5720	15.46

Spectrum Plot of Worst Value

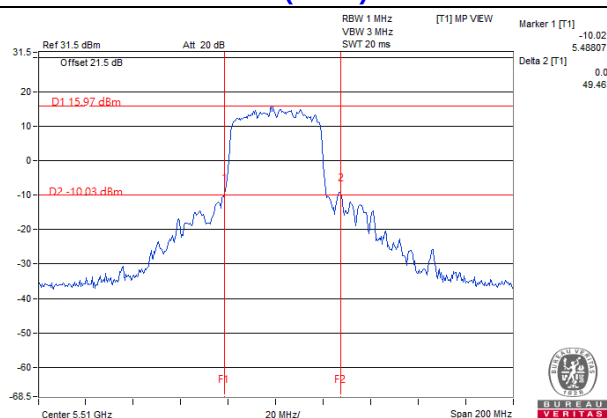
802.11a / CH144 (U-NII-2C Band)



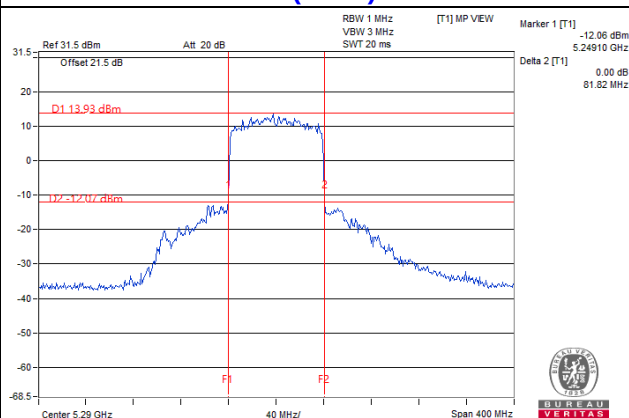
802.11ax (HE20) / CH144 (U-NII-2C Band)



802.11ax (HE40) / CH102



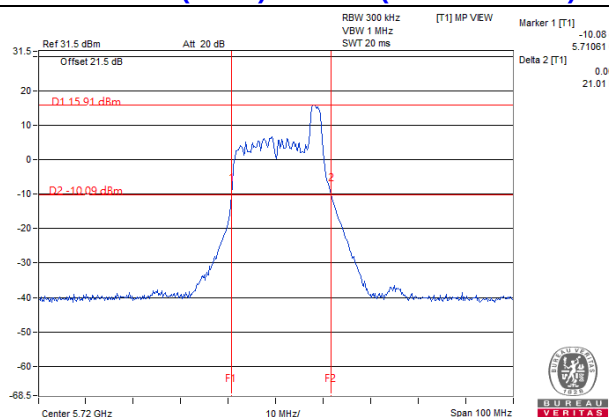
802.11ax (HE80) / CH58



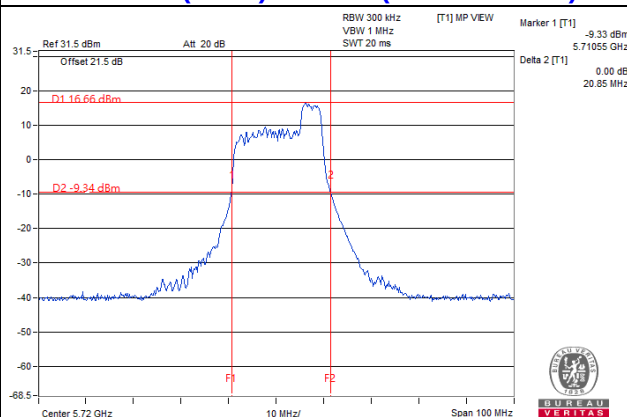
Note: For CH144 (U-NII-2C) = 5725MHz - Marker 1

Spectrum Plot of Worst Value

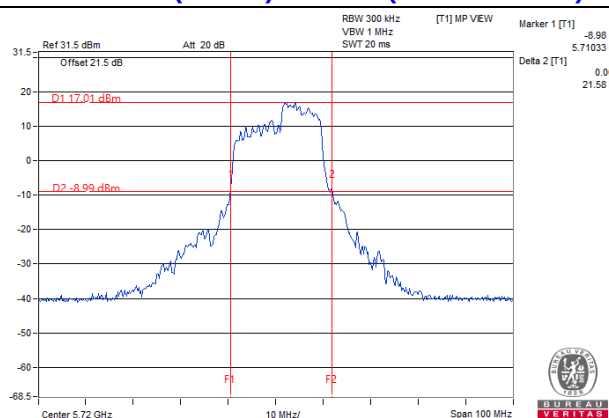
802.11ax (RU26) / CH144 (U-NII-2C Band)



802.11ax (RU52) / CH144 (U-NII-2C Band)

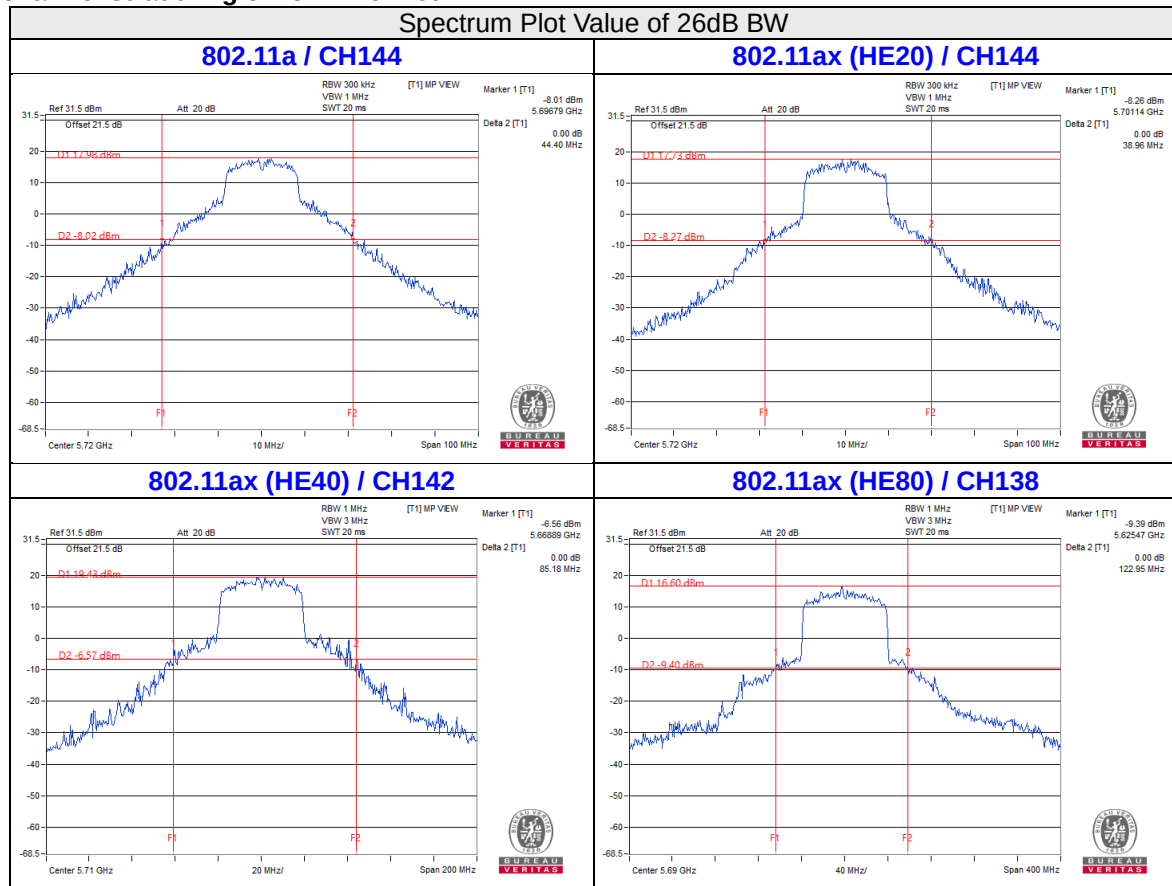


802.11ax (RU106) / CH144 (U-NII-2C Band)



Note: For CH144 (U-NII-2C) = 5725MHz - Marker 1

For channel straddling 5725MHz of 26dB BW

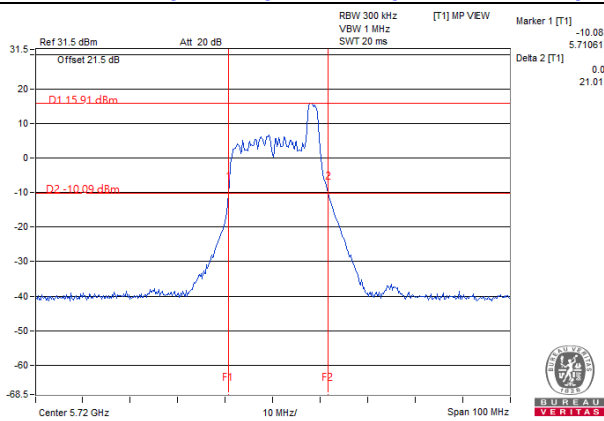


Note:

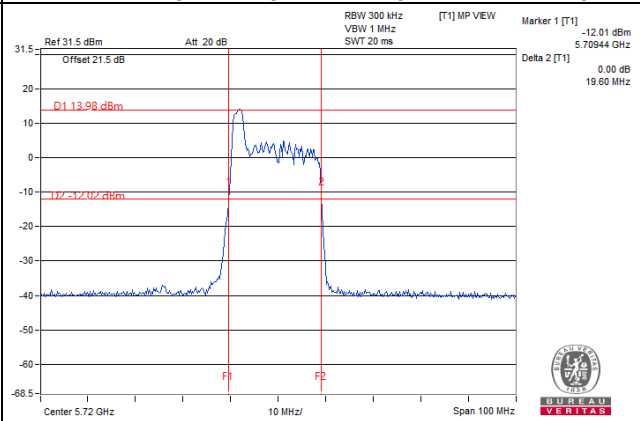
- For CH144 (U-NII-2C) = 5725MHz - Marker 1
- For CH142 (U-NII-2C) = 5725MHz - Marker 1
- For CH138 (U-NII-2C) = 5725MHz - Marker 1

Spectrum Plot of Worst Value

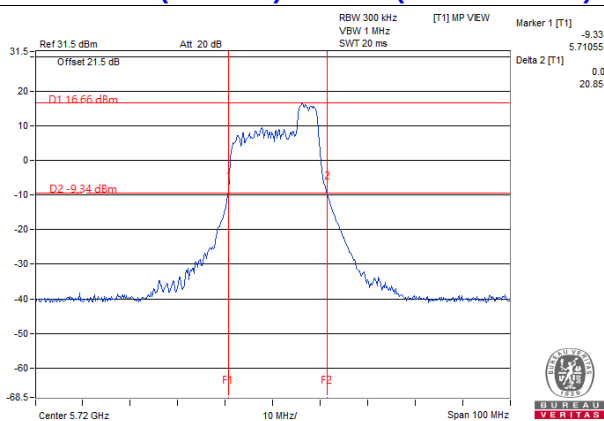
802.11ax (RU26/8) / CH144 (U-NII-2C Band)



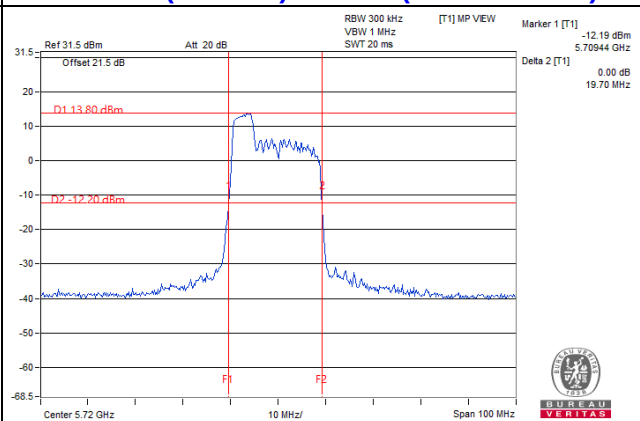
802.11ax (RU26/0) / CH144 (U-NII-2C Band)



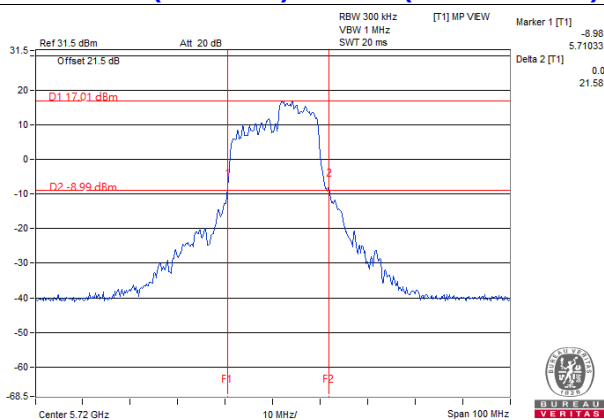
802.11ax (RU52/40) / CH144 (U-NII-2C Band)



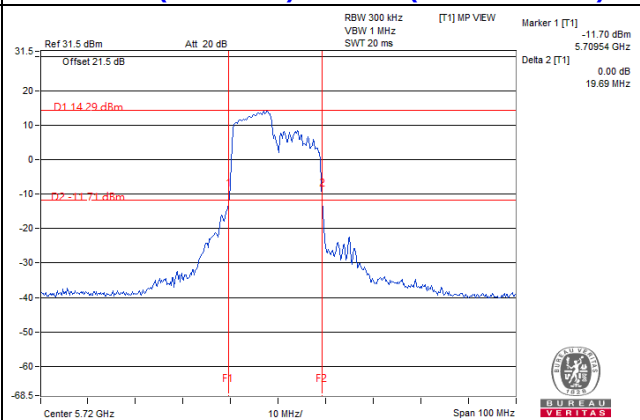
802.11ax (RU52/37) / CH144 (U-NII-2C Band)



802.11ax (RU106/54) / CH144 (U-NII-2C Band)



802.11ax (RU106/53) / CH144 (U-NII-2C Band)

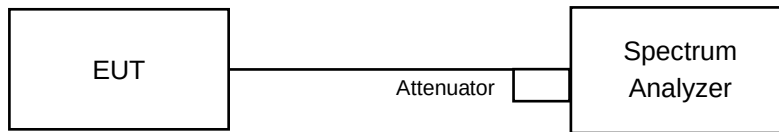


Note:

For CH144 (U-NII-2C) = 5725MHz - Marker 1

4.4 Occupied Bandwidth Measurement

4.4.1 Test Setup



4.4.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.3 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to SAMPLE. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

4.4.4 Test Results (Mode 1)

CDD Mode

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	17.16	16.8
40	5200	17.04	16.8
48	5240	16.68	16.68
52	5260	16.92	16.68
60	5300	16.68	16.56
64	5320	16.8	16.68
100	5500	16.8	16.68
116	5580	16.92	16.68
140	5700	16.8	16.56
144 (U-NII-2C Band)	5720	13.52	13.52
144 (U-NII-3 Band)	5720	3.4	3.28
149	5745	26.88	26.64
157	5785	27.96	26.64
165	5825	27.84	26.76

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	19.08	18.96
40	5200	19.08	18.96
48	5240	19.08	18.96
52	5260	18.96	18.96
60	5300	18.96	18.96
64	5320	18.96	18.96
100	5500	19.08	18.96
116	5580	19.08	18.96
140	5700	19.08	18.96
144 (U-NII-2C Band)	5720	14.6	14.6
144 (U-NII-3 Band)	5720	4.48	4.36
149	5745	29.28	26.88
157	5785	21	29.76
165	5825	21.6	27.6

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	36.72	37.68
46	5230	37.68	38.64
54	5270	37.2	38.64
62	5310	36.48	37.92
102	5510	36.48	37.92
110	5550	38.16	39.6
134	5670	37.68	38.4
142 (U-NII-2C Band)	5710	35.64	36.84
142 (U-NII-3 Band)	5710	7.32	5.64
151	5755	48.96	42.96
159	5795	45.36	46.8

802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	76.32	76.8
58	5290	76.32	76.32
106	5530	76.32	76.32
122	5610	76.8	77.76
138 (U-NII-2C Band)	5690	74.84	76.76
138 (U-NII-3 Band)	5690	3.88	3.88
155	5775	78.24	78.72

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
			Chain 0	Chain 1
26/0	36	5180	18.6	18.6
26/4	40	5200	16.32	16.08
26/8	48	5240	18.62	18.4
26/0	52	5260	18.72	18.48
26/4	60	5300	16.32	16.08
26/8	64	5320	18.48	18.6
26/0	100	5500	18.72	18.6
26/4	116	5580	16.32	16.08
26/8	140	5700	18.72	18.6
26/8	144 (U-NII-2C Band)	5720	13.4	13.4
26/8	144 (U-NII-3 Band)	5720	4.96	5.08
26/0	144 (U-NII-2C Band)	5720	14.84	14.84
26/0	144 (U-NII-3 Band)	5720	3.16	3.16
26/0	149	5745	18.6	18.48
26/4	157	5785	16.68	16.56
26/8	165	5825	19.08	18.96

802.11ax (RU52)

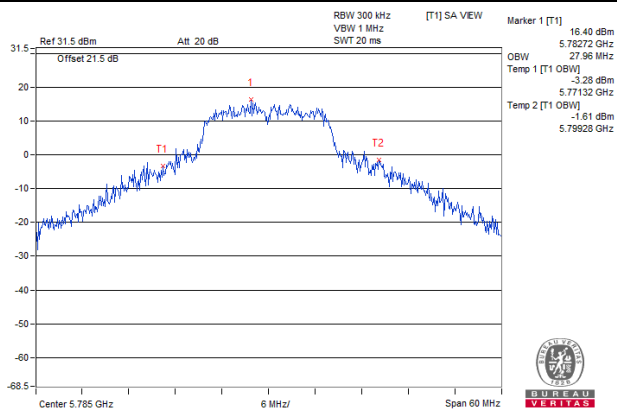
RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
			Chain 0	Chain 1
52/37	36	5180	18.12	18
52/39	40	5200	16.44	16.32
52/40	48	5240	18.36	18.12
52/37	52	5260	18.24	18.12
52/39	60	5300	16.56	16.2
52/40	64	5320	18.24	18.12
52/37	100	5500	18.12	18.24
52/39	116	5580	16.56	16.44
52/40	140	5700	18.36	18.12
52/40	144 (U-NII-2C Band)	5720	13.52	13.52
52/40	144 (U-NII-3 Band)	5720	4.72	4.6
52/37	144 (U-NII-2C Band)	5720	14.6	14.6
52/37	144 (U-NII-3 Band)	5720	3.16	3.16
52/37	149	5745	18.24	18.12
52/39	157	5785	16.68	16.56
52/40	165	5825	21	21.48

802.11ax (RU106)

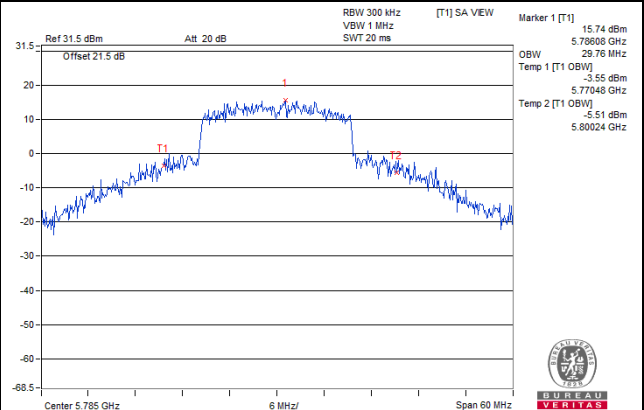
RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
			Chain 0	Chain 1
106/53	36	5180	18.12	18
106/53	40	5200	18	18
106/54	48	5240	18.12	18.12
106/53	52	5260	18	18
106/54	60	5300	18	18
106/54	64	5320	18	18.12
106/53	100	5500	18.12	18
106/53	116	5580	18.12	18
106/54	140	5700	18.12	18
106/54	144 (U-NII-2C Band)	5720	13.52	13.52
106/54	144 (U-NII-3 Band)	5720	4.48	4.48
106/53	144 (U-NII-2C Band)	5720	14.6	14.6
106/53	144 (U-NII-3 Band)	5720	3.16	3.16
106/53	149	5745	18.24	18.12
106/54	157	5785	22.56	23.64
106/54	165	5825	23.28	23.64

Spectrum Plot of Max. Value

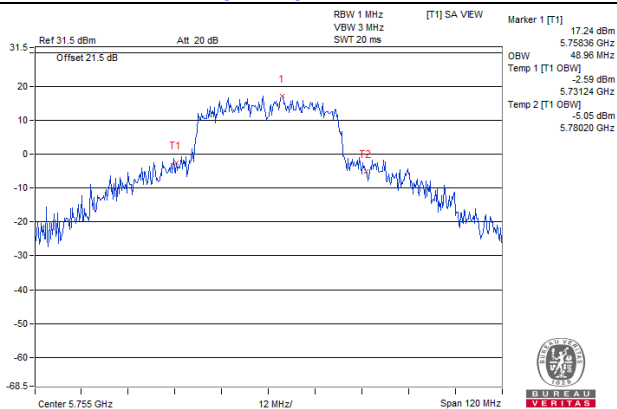
802.11a_Chain 0 / CH157



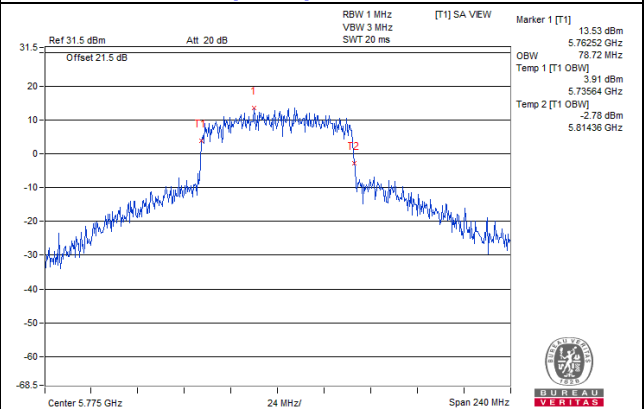
802.11ax (HE20)_Chain 1 / CH157



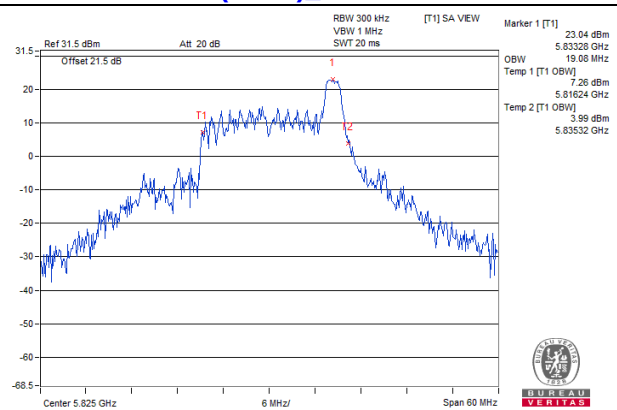
802.11ax (HE40)_Chain 0 / CH151



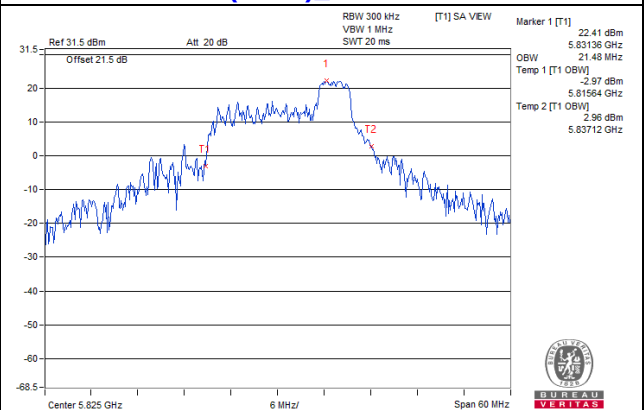
802.11ax (HE80)_Chain 1 / CH155



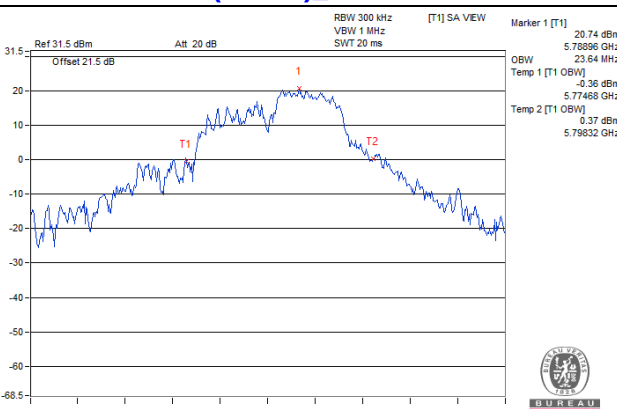
802.11ax (RU26)_Chain 0 / CH165



802.11ax (RU52)_Chain 1 / CH165



802.11ax (RU106)_Chain 1 / CH157



4.4.5 Test Results (Mode 2)

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	20.76
40	5200	24
48	5240	18.12
52	5260	24.72
60	5300	24.6
64	5320	22.08
100	5500	17.28
116	5580	21.84
140	5700	17.16
144 (U-NII-2C Band)	5720	19.16
144 (U-NII-3 Band)	5720	9.4
149	5745	23.4
157	5785	28.08
165	5825	28.44

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	20.64
40	5200	28.68
48	5240	18.96
52	5260	23.16
60	5300	23.28
64	5320	20.28
100	5500	19.08
116	5580	27
140	5700	19.2
144 (U-NII-2C Band)	5720	15.68
144 (U-NII-3 Band)	5720	6.28
149	5745	26.4
157	5785	26.28
165	5825	27

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
38	5190	38.4
46	5230	38.4
54	5270	38.4
62	5310	37.92
102	5510	37.68
110	5550	38.64
134	5670	39.12
142 (U-NII-2C Band)	5710	35.4
142 (U-NII-3 Band)	5710	4.92
151	5755	39.6
159	5795	41.28

802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
42	5210	76.8
58	5290	76.32
106	5530	76.8
122	5610	77.28
138 (U-NII-2C Band)	5690	73.88
138 (U-NII-3 Band)	5690	3.4
155	5775	78.72

802.11ax (RU26)

RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
26/0	36	5180	18.6
26/4	40	5200	16.2
26/8	48	5240	18.24
26/0	52	5260	18.48
26/4	60	5300	16.08
26/8	64	5320	18.48
26/0	100	5500	18.84
26/4	116	5580	16.2
26/8	140	5700	18.48
26/8	144 (U-NII-2C Band)	5720	13.52
26/8	144 (U-NII-3 Band)	5720	4.96
26/0	144 (U-NII-2C Band)	5720	14.84
26/0	144 (U-NII-3 Band)	5720	3.16
26/0	149	5745	18.72
26/4	157	5785	16.44
26/8	165	5825	18.84

802.11ax (RU52)

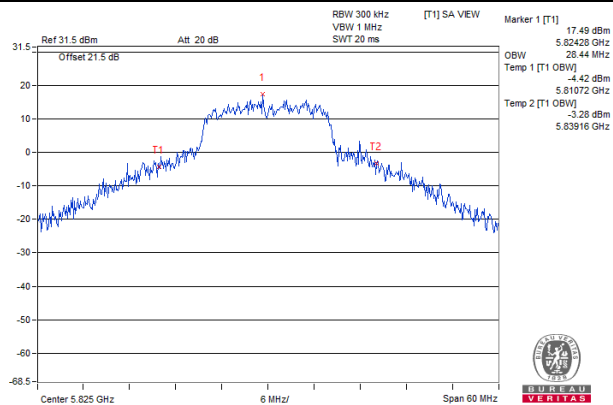
RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
52/37	36	5180	18
52/39	40	5200	16.56
52/40	48	5240	18.24
52/37	52	5260	18.12
52/39	60	5300	16.44
52/40	64	5320	18.24
52/37	100	5500	18.12
52/39	116	5580	16.56
52/40	140	5700	18.24
52/40	144 (U-NII-2C Band)	5720	13.52
52/40	144 (U-NII-3 Band)	5720	4.72
52/37	144 (U-NII-2C Band)	5720	14.72
52/37	144 (U-NII-3 Band)	5720	3.16
52/37	149	5745	19.2
52/39	157	5785	17.88
52/40	165	5825	20.76

802.11ax (RU106)

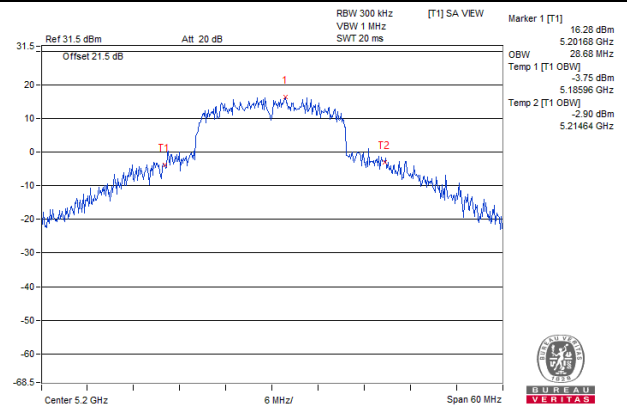
RU Configuration	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
106/53	36	5180	18.12
106/53	40	5200	18.12
106/54	48	5240	18.12
106/53	52	5260	18
106/54	60	5300	18
106/54	64	5320	18.12
106/53	100	5500	18
106/53	116	5580	18.12
106/54	140	5700	18.24
106/54	144 (U-NII-2C Band)	5720	13.64
106/54	144 (U-NII-3 Band)	5720	4.48
106/53	144 (U-NII-2C Band)	5720	14.6
106/53	144 (U-NII-3 Band)	5720	3.16
106/53	149	5745	22.56
106/54	157	5785	23.16
106/54	165	5825	23.04

Spectrum Plot of Max. Value

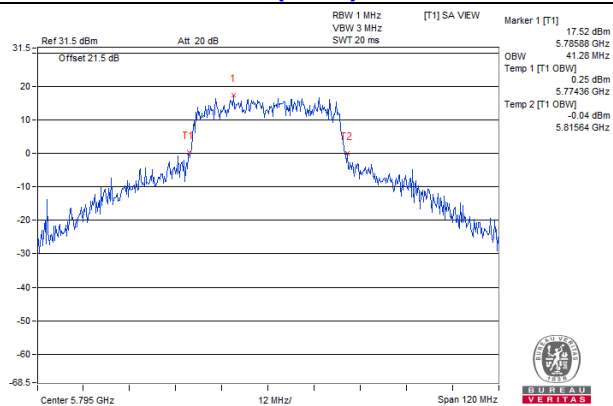
802.11a / CH165



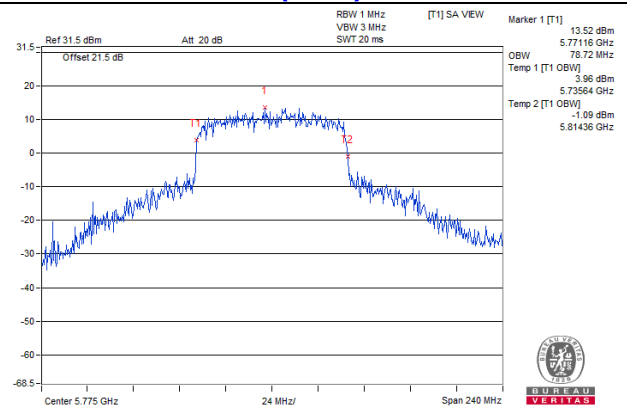
802.11ax (HE20) / CH40



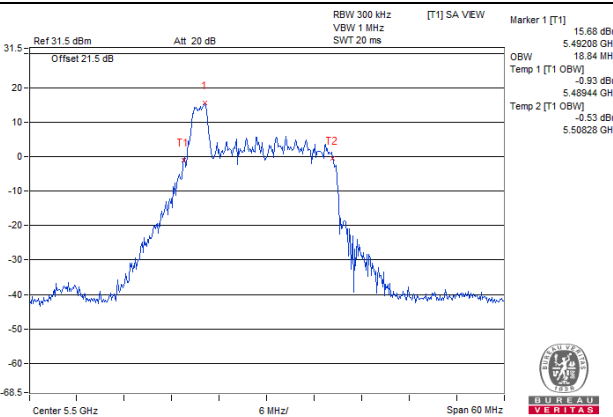
802.11ax (HE40) / CH159



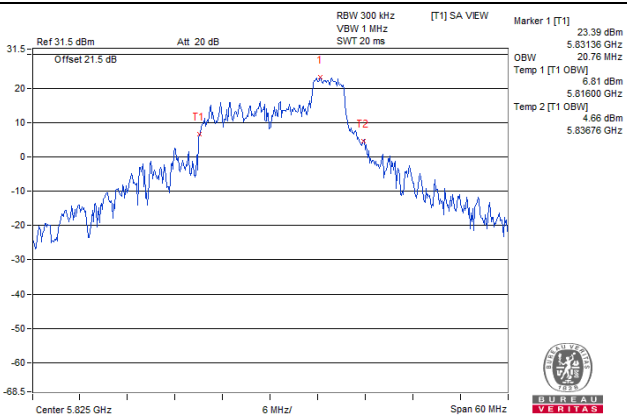
802.11ax (HE80) / CH155



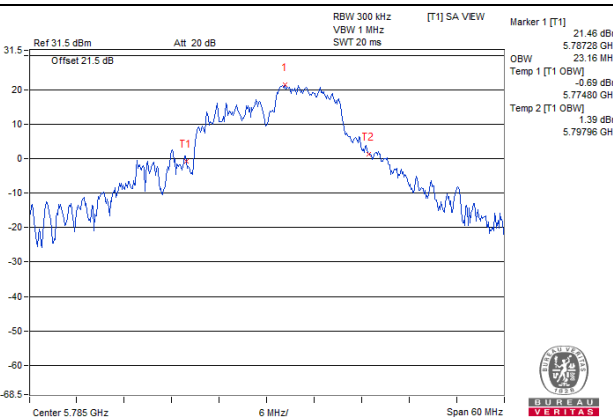
802.11ax (RU26) / CH100



802.11ax (RU52) / CH165



802.11ax (RU106) / CH157

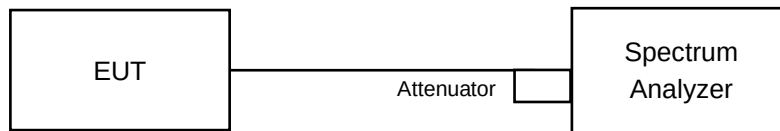


4.5 Peak Power Spectral Density Measurement

4.5.1 Limits of Peak Power Spectral Density Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
		Indoor Access Point	
	√	Client device	11dBm/ MHz
U-NII-2A	√		11dBm/ MHz
U-NII-2C	√		11dBm/ MHz
U-NII-3	√		30dBm/ 500kHz

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

For U-NII-1, U-NII-2A, U-NII-2C band:

Using method SA-2

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to "free run".
4. Trace average at least 100 traces in power averaging mode.
5. Record the max value and add 10 log (1/duty cycle)

For U-NII-3 band:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS
3. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
4. Scale the observed power level to an equivalent value in 500 kHz by adjusting (increasing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500\text{ kHz}/300\text{ kHz})$
5. Sweep time = auto, trigger set to "free run".
6. Trace average at least 100 traces in power averaging mode.
7. Record the max value and add 10 log (1/duty cycle)

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Condition

Same as Item 4.3.6.

4.5.7 Test Results (Mode 1)

For U-NII-1, U-NII-2A, U-NII-2C band:

CDD Mode

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	2.81	3.29	2.29	8.36	8.99	Pass
40	5200	3.02	3.19	2.29	8.41	8.99	Pass
48	5240	3.20	3.44	2.29	8.62	8.99	Pass
52	5260	2.78	3.34	2.29	8.37	8.99	Pass
60	5300	2.63	3.25	2.29	8.25	8.99	Pass
64	5320	2.74	2.89	2.29	8.12	8.99	Pass
100	5500	2.78	3.38	2.29	8.39	8.99	Pass
116	5580	3.16	3.83	2.29	8.81	8.99	Pass
140	5700	2.04	2.70	2.29	7.68	8.99	Pass
144 (U-NII-2C Band)	5720	2.43	3.37	2.29	8.23	8.99	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain is $5 \text{ dBi} + 10\log(2) = 8.01 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11-(8.01-6) = 8.99 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	2.72	2.94	2.29	8.13	8.99	Pass
40	5200	2.90	2.83	2.29	8.17	8.99	Pass
48	5240	2.90	3.01	2.29	8.26	8.99	Pass
52	5260	2.97	2.76	2.29	8.17	8.99	Pass
60	5300	2.88	2.94	2.29	8.21	8.99	Pass
64	5320	2.60	3.02	2.29	8.12	8.99	Pass
100	5500	3.12	2.95	2.29	8.34	8.99	Pass
116	5580	3.44	3.52	2.29	8.78	8.99	Pass
140	5700	1.89	1.69	2.29	7.09	8.99	Pass
144 (U-NII-2C Band)	5720	3.22	2.96	2.29	8.39	8.99	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain is $5 \text{ dBi} + 10\log(2) = 8.01 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11-(8.01-6) = 8.99 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
38	5190	-3.67	-3.29	2.28	1.81	8.99	Pass
46	5230	-0.07	-0.10	2.28	5.21	8.99	Pass
54	5270	-0.32	0.23	2.28	5.25	8.99	Pass
62	5310	-3.60	-3.36	2.28	1.81	8.99	Pass
102	5510	-3.58	-3.90	2.28	1.55	8.99	Pass
110	5550	1.17	0.93	2.28	6.34	8.99	Pass
134	5670	-1.06	-0.74	2.28	4.39	8.99	Pass
142 (U-NII-2C Band)	5710	1.35	0.38	2.28	6.18	8.99	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain is 5 dBi + $10\log(2) = 8.01$ dBi > 6dBi, so the power density limit shall be reduced to $11-(8.01-6) = 8.99$ dBm.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
42	5210	-5.49	-5.35	2.34	-0.07	8.99	Pass
58	5290	-5.33	-5.89	2.34	-0.25	8.99	Pass
106	5530	-4.63	-5.52	2.34	0.30	8.99	Pass
122	5610	-1.44	-1.07	2.34	4.10	8.99	Pass
138 (U-NII-2C Band)	5690	-1.91	-1.59	2.34	3.60	8.99	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain is 5 dBi + $10\log(2) = 8.01$ dBi > 6dBi, so the power density limit shall be reduced to $11-(8.01-6) = 8.99$ dBm.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1				
26/0	36	5180	3.54	3.14	2.29	8.64	8.99	Pass
26/4	40	5200	3.15	3.96	2.29	8.87	8.99	Pass
26/8	48	5240	3.76	3.22	2.29	8.80	8.99	Pass
26/0	52	5260	3.40	3.85	2.29	8.93	8.99	Pass
26/4	60	5300	3.98	3.19	2.29	8.90	8.99	Pass
26/8	64	5320	3.61	3.55	2.29	8.88	8.99	Pass
26/0	100	5500	3.29	3.71	2.29	8.81	8.99	Pass
26/4	116	5580	3.98	2.91	2.29	8.78	8.99	Pass
26/8	140	5700	3.34	3.95	2.29	8.96	8.99	Pass
26/8	144 (U-NII-2 C Band)	5720	-30.92	-24.35	2.29	-21.20	8.99	Pass
26/0	144 (U-NII-2 C Band)	5720	3.42	3.54	2.29	8.78	8.99	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain is $5 \text{ dBi} + 10\log(2) = 8.01 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11-(8.01-6) = 8.99 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1				
52/37	36	5180	3.72	3.50	2.27	8.89	8.99	Pass
52/39	40	5200	3.46	3.59	2.27	8.81	8.99	Pass
52/40	48	5240	3.65	3.59	2.27	8.90	8.99	Pass
52/37	52	5260	3.71	3.48	2.27	8.88	8.99	Pass
52/39	60	5300	3.67	3.48	2.27	8.86	8.99	Pass
52/40	64	5320	3.67	3.69	2.27	8.96	8.99	Pass
52/37	100	5500	3.59	3.80	2.27	8.98	8.99	Pass
52/39	116	5580	3.81	3.32	2.27	8.85	8.99	Pass
52/40	140	5700	3.48	3.88	2.27	8.96	8.99	Pass
52/40	144 (U-NII-2 C Band)	5720	-6.64	-6.59	2.27	-1.33	8.99	Pass
52/37	144 (U-NII-2 C Band)	5720	2.75	3.11	2.27	8.21	8.99	Pass

- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain is $5 \text{ dBi} + 10\log(2) = 8.01 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11-(8.01-6) = 8.99 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

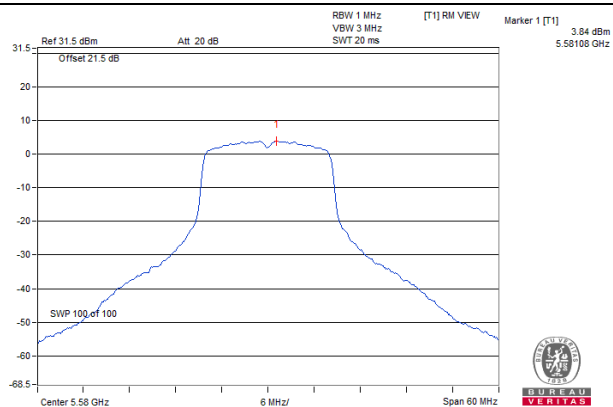
802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1				
106/53	36	5180	3.81	3.37	2.28	8.89	8.99	Pass
106/53	40	5200	3.45	3.73	2.28	8.88	8.99	Pass
106/54	48	5240	3.41	3.73	2.28	8.86	8.99	Pass
106/53	52	5260	3.60	3.35	2.28	8.77	8.99	Pass
106/54	60	5300	3.42	3.60	2.28	8.80	8.99	Pass
106/54	64	5320	3.76	3.47	2.28	8.91	8.99	Pass
106/53	100	5500	3.75	3.50	2.28	8.92	8.99	Pass
106/53	116	5580	3.75	3.63	2.28	8.98	8.99	Pass
106/54	140	5700	3.73	3.65	2.28	8.98	8.99	Pass
106/54	144 (U-NII-2 C Band)	5720	3.55	3.65	2.28	8.89	8.99	Pass
106/53	144 (U-NII-2 C Band)	5720	3.38	3.45	2.28	8.71	8.99	Pass

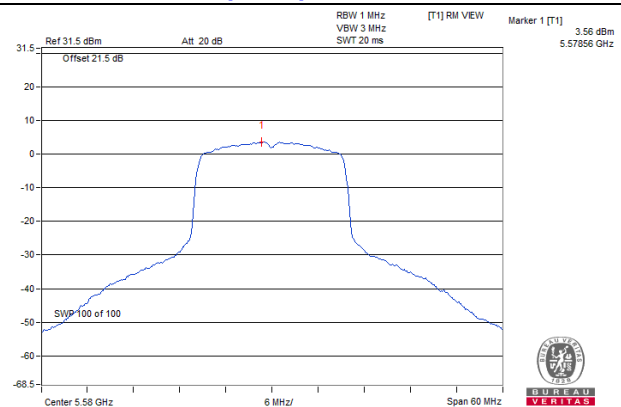
- Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. The directional gain is $5 \text{ dBi} + 10\log(2) = 8.01 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $11 - (8.01 - 6) = 8.99 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value

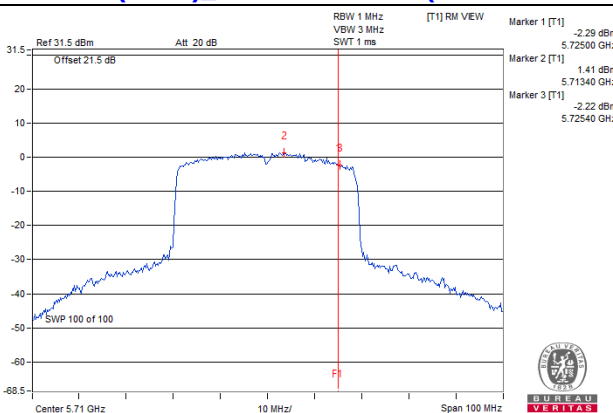
802.11a_Chain 1 / CH116



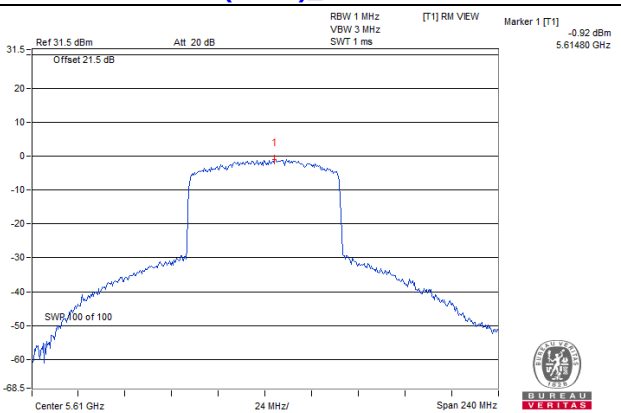
802.11ax (HE20)_Chain 1 / CH116



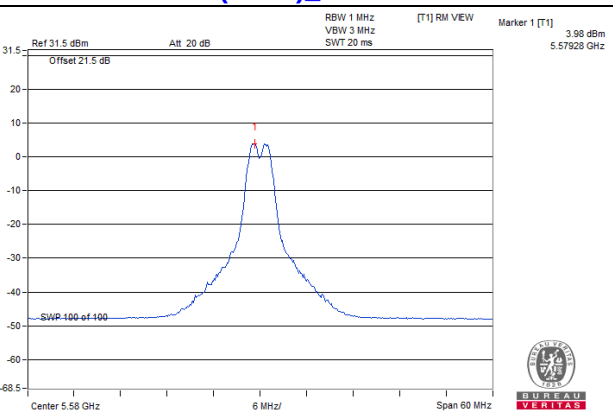
802.11ax (HE40)_Chain 0 / CH142 (U-NII-2C Band)



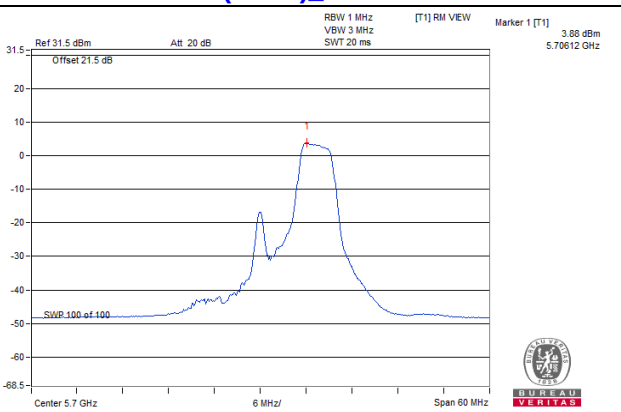
802.11ax (HE80)_Chain 1 / CH122



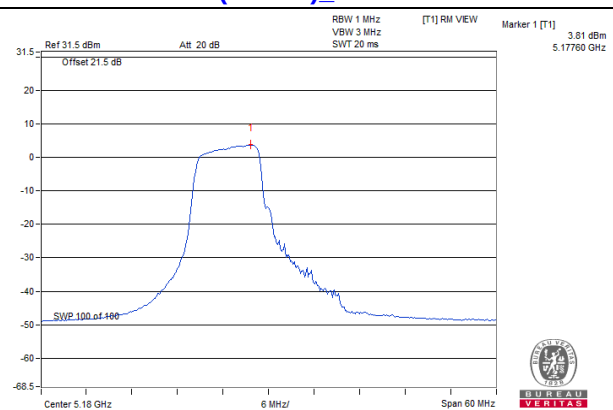
802.11ax (RU26)_Chain 0 / CH116



802.11ax (RU52)_Chain 1 / CH140



802.11ax (RU106)_Chain 0 / CH36



For U-NII-3 band:

CDD Mode

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3 Band)	5720	-4.05	-3.31	2.29	1.64	3.86	27.99	Pass
149	5745	0.87	1.51	2.29	6.50	8.72	27.99	Pass
157	5785	1.90	2.01	2.29	7.26	9.48	27.99	Pass
165	5825	2.34	2.40	2.29	7.67	9.89	27.99	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain is 5 dBi + $10\log(2) = 8.01$ dBi > 6dBi, so the power density limit shall be reduced to $30-(8.01-6) = 27.99$ dBm.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3 Band)	5720	-3.65	-3.19	2.29	1.89	4.11	27.99	Pass
149	5745	1.56	1.29	2.29	6.73	8.95	27.99	Pass
157	5785	1.49	1.81	2.29	6.95	9.17	27.99	Pass
165	5825	1.80	1.47	2.29	6.94	9.16	27.99	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain is 5 dBi + $10\log(2) = 8.01$ dBi > 6dBi, so the power density limit shall be reduced to $30-(8.01-6) = 27.99$ dBm.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
142 (U-NII-3 Band)	5710	-6.75	-6.42	2.28	-1.29	0.93	27.99	Pass
151	5755	-3.20	-3.40	2.28	1.99	4.21	27.99	Pass
159	5795	-2.77	-2.96	2.28	2.43	4.65	27.99	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain is 5 dBi + $10\log(2) = 8.01$ dBi > 6dBi, so the power density limit shall be reduced to $30-(8.01-6) = 27.99$ dBm.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1					
138 (U-NII-3 Band)	5690	-10.48	-9.96	2.34	-4.86	-2.64	27.99	Pass
155	5775	-6.98	-6.31	2.34	-1.28	0.94	27.99	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
 2. The directional gain is 5 dBi + $10\log(2) = 8.01$ dBi > 6dBi, so the power density limit shall be reduced to $30 - (8.01 - 6) = 27.99$ dBm.
 3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass/ Fail
			Chain 0	Chain 1					
26/8	144 (U-NII-3 Band)	5720	-4.39	-4.50	2.29	0.86	3.08	27.99	Pass
26/0	144 (U-NII-3 Band)	5720	-43.55	-46.88	2.29	-39.60	-37.38	27.99	Pass
26/0	149	5745	4.49	4.43	2.29	9.76	11.98	27.99	Pass
26/4	157	5785	6.58	7.16	2.29	12.18	14.40	27.99	Pass
26/8	165	5825	5.99	6.33	2.29	11.46	13.68	27.99	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
 2. The directional gain is 5 dBi + $10\log(2) = 8.01$ dBi > 6dBi, so the power density limit shall be reduced to $30 - (8.01 - 6) = 27.99$ dBm.
 3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass/ Fail
			Chain 0	Chain 1					
52/40	144 (U-NII-3 Band)	5720	-4.50	-4.52	2.27	0.77	2.99	27.99	Pass
52/37	144 (U-NII-3 Band)	5720	-41.32	-45.27	2.27	-37.58	-35.36	27.99	Pass
52/37	149	5745	2.57	1.93	2.27	7.54	9.76	27.99	Pass
52/39	157	5785	3.84	4.03	2.27	9.22	11.44	27.99	Pass
52/40	165	5825	4.38	5.66	2.27	10.35	12.57	27.99	Pass

- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
 2. The directional gain is 5 dBi + $10\log(2) = 8.01$ dBi > 6dBi, so the power density limit shall be reduced to $30 - (8.01 - 6) = 27.99$ dBm.
 3. Refer to section 3.3 for duty cycle spectrum plot.

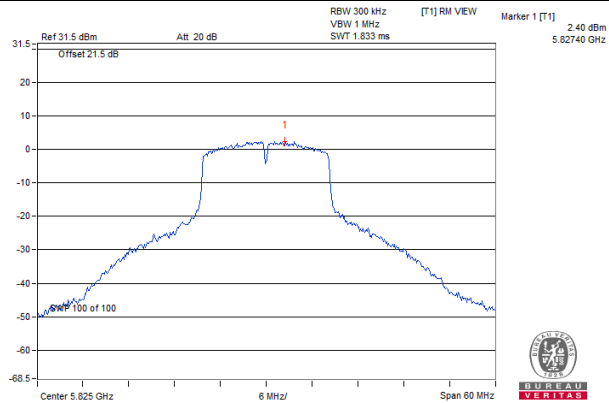
802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass/Fail
			Chain 0	Chain 1					
106/54	144 (U-NII-3 Band)	5720	-6.04	-5.64	2.28	-0.55	1.67	27.99	Pass
106/53	144 (U-NII-3 Band)	5720	-39.92	-44.37	2.28	-36.31	-34.09	27.99	Pass
106/53	149	5745	0.11	0.55	2.28	5.63	7.85	27.99	Pass
106/54	157	5785	3.64	3.39	2.28	8.81	11.03	27.99	Pass
106/54	165	5825	3.43	3.36	2.28	8.69	10.91	27.99	Pass

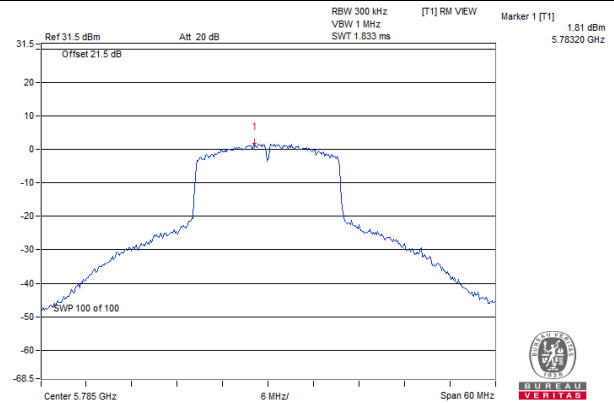
- Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain is $5 \text{ dBi} + 10\log(2) = 8.01 \text{ dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $30 - (8.01 - 6) = 27.99 \text{ dBm}$.
3. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value

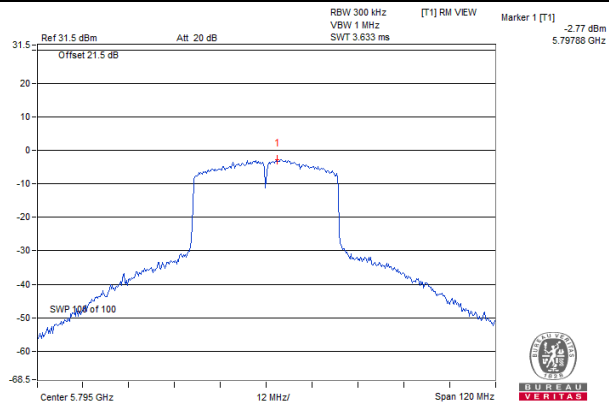
802.11a_Chain 1 / CH165



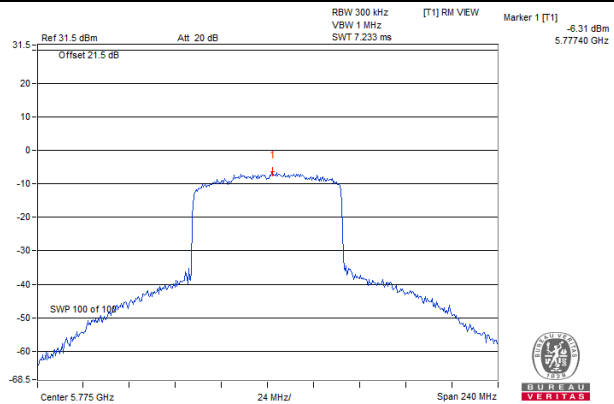
802.11ax (HE20)_Chain 1 / CH157



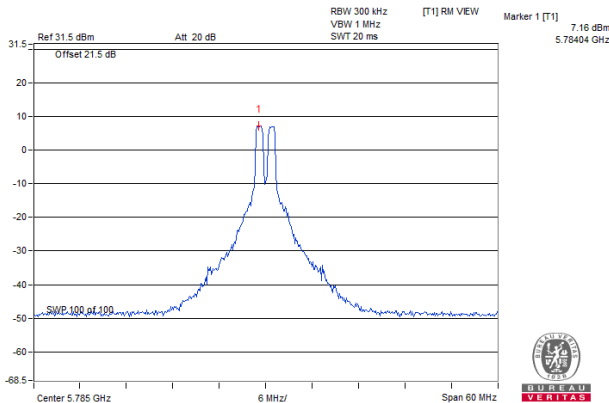
802.11ax (HE40)_Chain 0 / CH159



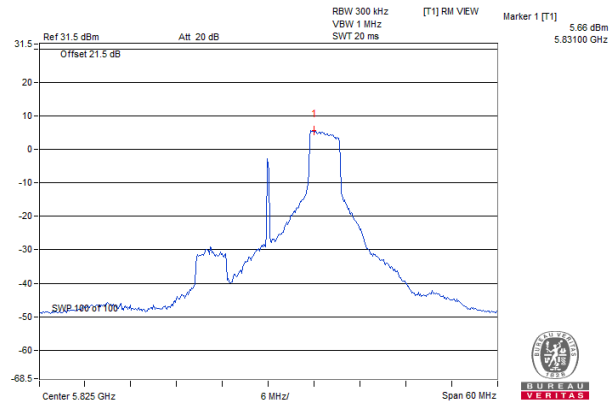
802.11ax (HE80)_Chain 1 / CH155



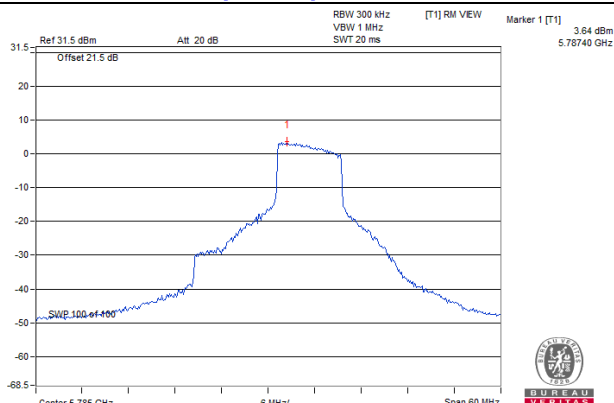
802.11ax (RU26)_Chain 1 / CH157



802.11ax (RU52)_Chain 1 / CH165



802.11ax (RU106)_Chain 0 / CH157



4.5.8 Test Results (Mode 2)

For U-NII-1, U-NII-2A, U-NII-2C band:

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
36	5180	6.30	2.26	8.56	11.00	Pass
40	5200	7.25	2.26	9.51	11.00	Pass
48	5240	7.19	2.26	9.45	11.00	Pass
52	5260	7.37	2.26	9.63	11.00	Pass
60	5300	7.19	2.26	9.45	11.00	Pass
64	5320	6.70	2.26	8.96	11.00	Pass
100	5500	5.54	2.26	7.80	11.00	Pass
116	5580	7.18	2.26	9.44	11.00	Pass
140	5700	5.13	2.26	7.39	11.00	Pass
144 (U-NII-2C Band)	5720	6.92	2.26	9.18	11.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
36	5180	5.39	2.28	7.67	11.00	Pass
40	5200	7.32	2.28	9.60	11.00	Pass
48	5240	7.22	2.28	9.50	11.00	Pass
52	5260	6.86	2.28	9.14	11.00	Pass
60	5300	6.80	2.28	9.08	11.00	Pass
64	5320	5.72	2.28	8.00	11.00	Pass
100	5500	4.91	2.28	7.19	11.00	Pass
116	5580	6.93	2.28	9.21	11.00	Pass
140	5700	4.01	2.28	6.29	11.00	Pass
144 (U-NII-2C Band)	5720	7.24	2.28	9.52	11.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
38	5190	1.16	2.37	3.53	11.00	Pass
46	5230	2.17	2.37	4.54	11.00	Pass
54	5270	2.30	2.37	4.67	11.00	Pass
62	5310	0.59	2.37	2.96	11.00	Pass
102	5510	-0.74	2.37	1.63	11.00	Pass
110	5550	3.79	2.37	6.16	11.00	Pass
134	5670	3.31	2.37	5.68	11.00	Pass
142 (U-NII-2C Band)	5710	4.30	2.37	6.67	11.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
42	5210	-0.17	2.34	2.17	11.00	Pass
58	5290	-3.59	2.34	-1.25	11.00	Pass
106	5530	-3.94	2.34	-1.60	11.00	Pass
122	5610	-0.74	2.34	1.60	11.00	Pass
138 (U-NII-2C Band)	5690	-0.74	2.34	1.60	11.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
26/0	36	5180	6.95	2.26	9.21	11.00	Pass
26/4	40	5200	6.77	2.26	9.03	11.00	Pass
26/8	48	5240	6.80	2.26	9.06	11.00	Pass
26/0	52	5260	7.10	2.26	9.36	11.00	Pass
26/4	60	5300	6.72	2.26	8.98	11.00	Pass
26/8	64	5320	7.26	2.26	9.52	11.00	Pass
26/0	100	5500	7.56	2.26	9.82	11.00	Pass
26/4	116	5580	6.41	2.26	8.67	11.00	Pass
26/8	140	5700	7.18	2.26	9.44	11.00	Pass
26/8	144 (U-NII-2C Band)	5720	-6.01	2.26	-3.75	11.00	Pass
26/0	144 (U-NII-2C Band)	5720	8.09	2.26	10.35	11.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
52/37	36	5180	7.69	2.28	9.97	11.00	Pass
52/39	40	5200	7.29	2.28	9.57	11.00	Pass
52/40	48	5240	7.70	2.28	9.98	11.00	Pass
52/37	52	5260	7.98	2.28	10.26	11.00	Pass
52/39	60	5300	7.92	2.28	10.20	11.00	Pass
52/40	64	5320	7.90	2.28	10.18	11.00	Pass
52/37	100	5500	7.49	2.28	9.77	11.00	Pass
52/39	116	5580	7.76	2.28	10.04	11.00	Pass
52/40	140	5700	7.72	2.28	10.00	11.00	Pass
52/40	144 (U-NII-2C Band)	5720	-1.49	2.28	0.79	11.00	Pass
52/37	144 (U-NII-2C Band)	5720	8.33	2.28	10.61	11.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

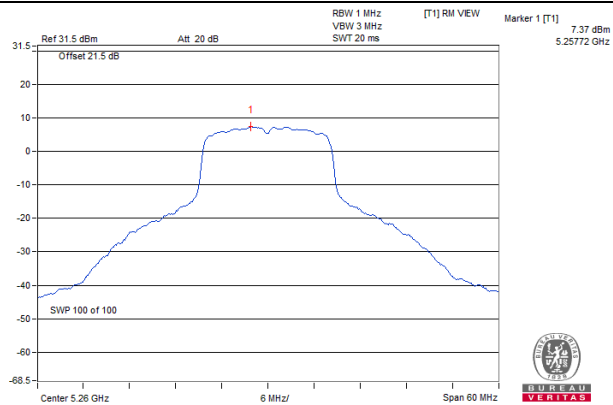
802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Pass / Fail
106/53	36	5180	8.16	2.29	10.45	11.00	Pass
106/53	40	5200	8.22	2.29	10.51	11.00	Pass
106/54	48	5240	8.70	2.29	10.99	11.00	Pass
106/53	52	5260	8.09	2.29	10.38	11.00	Pass
106/54	60	5300	8.50	2.29	10.79	11.00	Pass
106/54	64	5320	8.69	2.29	10.98	11.00	Pass
106/53	100	5500	8.21	2.29	10.50	11.00	Pass
106/53	116	5580	8.50	2.29	10.79	11.00	Pass
106/54	140	5700	8.28	2.29	10.57	11.00	Pass
106/54	144 (U-NII-2C Band)	5720	8.03	2.29	10.32	11.00	Pass
106/54	144 (U-NII-2C Band)	5720	8.42	2.29	10.71	11.00	Pass

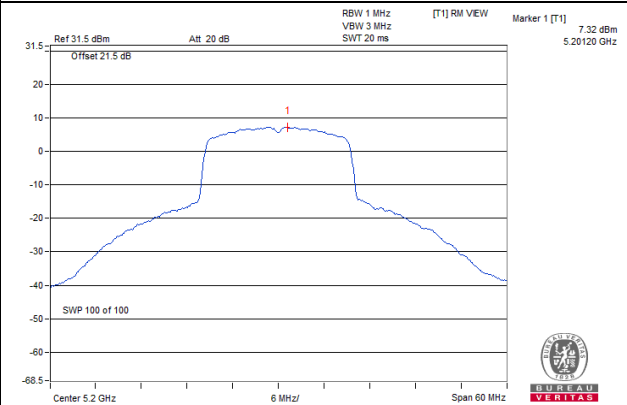
Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value

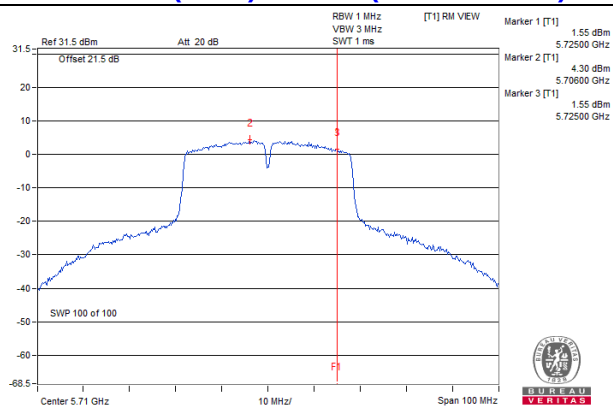
802.11a / CH52



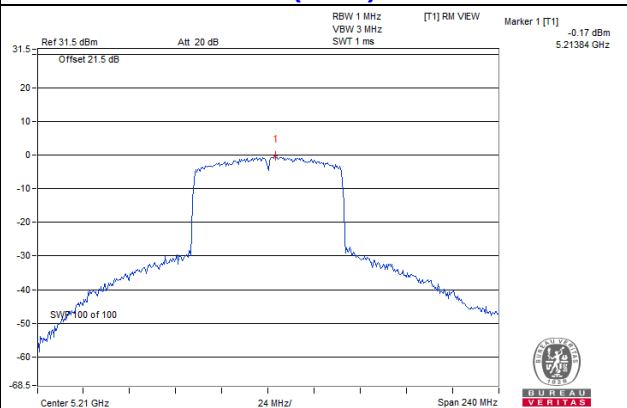
802.11ax (HE20) / CH40



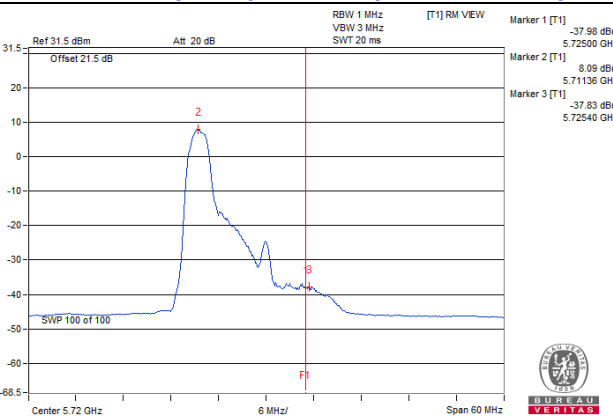
802.11ax (HE40) / CH142 (U-NII-2C Band)



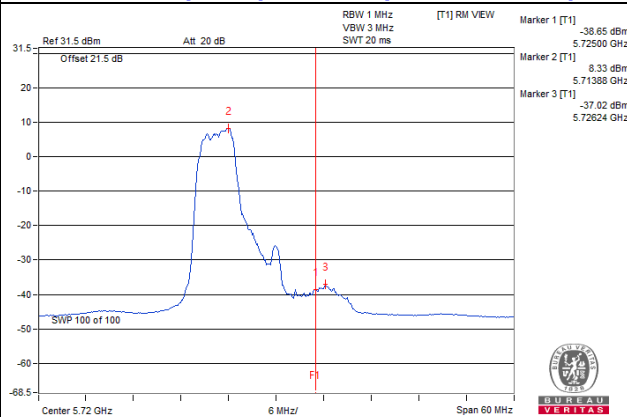
802.11ax (HE80) / CH42



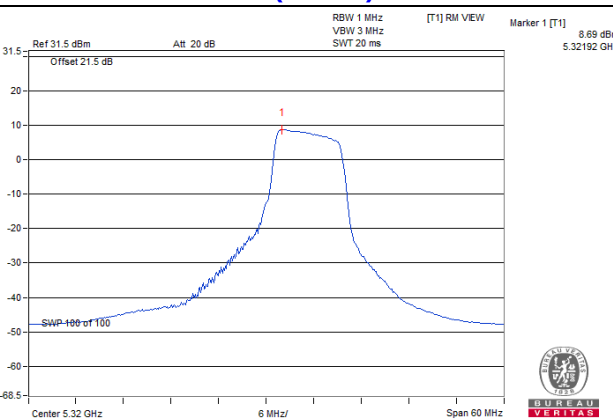
802.11ax (RU26) / CH144 (U-NII-2C Band)



802.11ax (RU52) / CH144 (U-NII-2C Band)



802.11ax (RU106) / CH64



For U-NII-3 band:

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
144 (U-NII-3 Band)	5720	0.77	2.26	3.03	5.25	30.00	Pass
149	5745	2.52	2.26	4.78	7.00	30.00	Pass
157	5785	2.51	2.26	4.77	6.99	30.00	Pass
165	5825	2.53	2.26	4.79	7.01	30.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
144 (U-NII-3 Band)	5720	0.85	2.28	3.13	5.35	30.00	Pass
149	5745	2.84	2.28	5.12	7.34	30.00	Pass
157	5785	3.07	2.28	5.35	7.57	30.00	Pass
165	5825	3.33	2.28	5.61	7.83	30.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
142 (U-NII-3 Band)	5710	-4.22	2.37	-1.85	0.37	30.00	Pass
151	5755	-0.84	2.37	1.53	3.75	30.00	Pass
159	5795	-0.87	2.37	1.50	3.72	30.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
138 (U-NII-3 Band)	5690	-9.02	2.34	-6.68	-4.46	30.00	Pass
155	5775	-6.21	2.34	-3.87	-1.65	30.00	Pass

Note: 1. Refer to section 3.3 for duty cycle spectrum plot.