

4.1.17 Test Results (Mode 11)

ABOVE 1GHz DATA

802.11a

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	67.8 PK	74.0	-6.2	1.48 H	34	64.8	3.0
2	5150.00	48.8 AV	54.0	-5.2	1.48 H	34	45.8	3.0
3	*5180.00	117.8 PK			1.48 H	34	114.9	2.9
4	*5180.00	108.6 AV			1.48 H	34	105.7	2.9
5	#10360.00	45.6 PK	68.2	-22.6	3.98 H	190	33.6	12.0
6	15540.00	42.6 PK	74.0	-31.4	1.55 H	199	29.6	13.0
7	15540.00	34.8 AV	54.0	-19.2	1.55 H	199	21.8	13.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	73.1 PK	74.0	-0.9	1.53 V	345	70.1	3.0
2	5150.00	53.5 AV	54.0	-0.5	1.53 V	345	50.5	3.0
3	*5180.00	119.1 PK			1.53 V	345	116.2	2.9
4	*5180.00	109.9 AV			1.53 V	345	107.0	2.9
5	#10360.00	46.1 PK	68.2	-22.1	3.92 V	193	34.1	12.0
6	15540.00	45.3 PK	74.0	-28.7	3.24 V	171	32.3	13.0
7	15540.00	37.1 AV	54.0	-16.9	3.24 V	171	24.1	13.0

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 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	68.7 PK	74.0	-5.3	1.47 H	23	65.7	3.0
2	5150.00	48.7 AV	54.0	-5.3	1.47 H	23	45.7	3.0
3	*5200.00	121.1 PK			1.47 H	23	118.3	2.8
4	*5200.00	111.6 AV			1.47 H	23	108.8	2.8
5	5350.00	54.1 PK	74.0	-19.9	1.47 H	23	51.5	2.6
6	5350.00	39.6 AV	54.0	-14.4	1.47 H	23	37.0	2.6
7	#10400.00	45.7 PK	68.2	-22.5	3.93 H	191	33.6	12.1
8	15600.00	45.9 PK	74.0	-28.1	1.44 H	202	33.0	12.9
9	15600.00	37.6 AV	54.0	-16.4	1.44 H	202	24.7	12.9

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	71.2 PK	74.0	-2.8	1.39 V	356	68.2	3.0
2	5150.00	52.6 AV	54.0	-1.4	1.39 V	356	49.6	3.0
3	*5200.00	122.6 PK			1.39 V	356	119.8	2.8
4	*5200.00	113.0 AV			1.39 V	356	110.2	2.8
5	5350.00	59.5 PK	74.0	-14.5	1.39 V	356	56.9	2.6
6	5350.00	45.6 AV	54.0	-8.4	1.39 V	356	43.0	2.6
7	#10400.00	45.5 PK	68.2	-22.7	3.98 V	176	33.4	12.1
8	15600.00	46.3 PK	74.0	-27.7	3.24 V	179	33.4	12.9
9	15600.00	38.0 AV	54.0	-16.0	3.24 V	179	25.1	12.9

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 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	55.0 PK	74.0	-19.0	1.49 H	38	52.0	3.0
2	5150.00	40.2 AV	54.0	-13.8	1.49 H	38	37.2	3.0
3	*5240.00	121.0 PK			1.49 H	38	118.4	2.6
4	*5240.00	111.3 AV			1.49 H	38	108.7	2.6
5	5350.00	54.6 PK	74.0	-19.4	1.49 H	38	52.0	2.6
6	5350.00	39.9 AV	54.0	-14.1	1.49 H	38	37.3	2.6
7	#10480.00	46.1 PK	68.2	-22.1	3.95 H	194	33.6	12.5
8	15720.00	45.3 PK	74.0	-28.7	1.50 H	209	33.1	12.2
9	15720.00	37.2 AV	54.0	-16.8	1.50 H	209	25.0	12.2

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	58.6 PK	74.0	-15.4	1.40 V	358	55.6	3.0
2	5150.00	46.1 AV	54.0	-7.9	1.40 V	358	43.1	3.0
3	*5240.00	123.3 PK			1.40 V	358	120.7	2.6
4	*5240.00	113.5 AV			1.40 V	358	110.9	2.6
5	5350.00	58.4 PK	74.0	-15.6	1.40 V	358	55.8	2.6
6	5350.00	45.8 AV	54.0	-8.2	1.40 V	358	43.2	2.6
7	#10480.00	45.5 PK	68.2	-22.7	4.00 V	196	33.0	12.5
8	15720.00	46.4 PK	74.0	-27.6	3.19 V	181	34.2	12.2
9	15720.00	37.8 AV	54.0	-16.2	3.19 V	181	25.6	12.2

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 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5643.24	61.7 PK	68.2	-6.5	1.76 H	307	58.4	3.3
2	*5745.00	121.2 PK			1.76 H	331	117.9	3.3
3	*5745.00	111.7 AV			1.76 H	331	108.4	3.3
4	#5934.90	56.9 PK	68.2	-11.3	1.76 H	307	52.7	4.2
5	11490.00	53.0 PK	74.0	-21.0	1.88 H	145	40.4	12.6
6	11490.00	40.4 AV	54.0	-13.6	1.88 H	145	27.8	12.6
7	#17235.00	68.1 PK	68.2	-0.1	3.45 H	116	51.3	16.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5580.87	58.7 PK	68.2	-9.5	1.30 V	349	55.4	3.3
2	*5745.00	120.9 PK			1.30 V	349	117.6	3.3
3	*5745.00	100.7 AV			1.30 V	349	97.4	3.3
4	#5965.48	56.8 PK	68.2	-11.4	1.30 V	349	52.6	4.2
5	11490.00	53.0 PK	74.0	-21.0	3.98 V	185	40.4	12.6
6	11490.00	40.9 AV	54.0	-13.1	3.98 V	185	28.3	12.6
7	#17235.00	63.8 PK	68.2	-4.4	3.24 V	184	47.0	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 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5621.62	58.4 PK	68.2	-9.8	2.06 H	318	55.1	3.3
2	*5785.00	121.7 PK			2.06 H	318	118.3	3.4
3	*5785.00	112.0 AV			2.06 H	318	108.6	3.4
4	#5935.49	56.7 PK	68.2	-11.5	2.06 H	318	52.5	4.2
5	11570.00	52.6 PK	74.0	-21.4	1.84 H	141	40.4	12.2
6	11570.00	40.3 AV	54.0	-13.7	1.84 H	141	28.1	12.2
7	#17355.00	67.8 PK	68.2	-0.4	1.67 H	114	51.2	16.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5629.28	57.8 PK	68.2	-10.4	1.46 V	351	54.5	3.3
2	*5785.00	120.5 PK			1.46 V	351	117.1	3.4
3	*5785.00	110.3 AV			1.46 V	351	106.9	3.4
4	#5988.58	56.1 PK	68.2	-12.1	1.46 V	351	52.0	4.1
5	11570.00	53.2 PK	74.0	-20.8	3.98 V	190	41.0	12.2
6	11570.00	40.9 AV	54.0	-13.1	3.98 V	190	28.7	12.2
7	#17355.00	64.3 PK	68.2	-3.9	3.26 V	184	47.7	16.6

REMARKS:

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

CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.47	55.8 PK	68.2	-12.4	3.55 H	305	52.5	3.3
2	*5825.00	121.5 PK			3.55 H	305	117.9	3.6
3	*5825.00	111.9 AV			3.55 H	305	108.3	3.6
4	#5954.49	55.7 PK	68.2	-12.5	3.55 H	305	51.5	4.2
5	11650.00	52.4 PK	74.0	-21.6	1.88 H	136	40.0	12.4
6	11650.00	39.8 AV	54.0	-14.2	1.88 H	136	27.4	12.4
7	#17475.00	67.9 PK	68.2	-0.3	2.52 H	213	50.9	17.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5628.76	56.8 PK	68.2	-11.4	1.50 V	353	53.5	3.3
2	*5825.00	120.7 PK			1.50 V	353	117.1	3.6
3	*5825.00	110.4 AV			1.50 V	353	106.8	3.6
4	#6002.86	56.4 PK	68.2	-11.8	1.50 V	353	52.3	4.1
5	11650.00	53.3 PK	74.0	-20.7	3.87 V	192	40.9	12.4
6	11650.00	41.2 AV	54.0	-12.8	3.87 V	192	28.8	12.4
7	#17475.00	64.6 PK	68.2	-3.6	3.30 V	193	47.6	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.

802.11ax (HE20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	72.4 PK	74.0	-1.6	1.43 H	50	69.4	3.0
2	5150.00	49.2 AV	54.0	-4.8	1.43 H	50	46.2	3.0
3	*5180.00	118.6 PK			1.43 H	50	115.7	2.9
4	*5180.00	106.1 AV			1.43 H	50	103.2	2.9
5	#10360.00	45.4 PK	68.2	-22.8	3.95 H	206	33.4	12.0
6	15540.00	45.7 PK	74.0	-28.3	1.42 H	192	32.7	13.0
7	15540.00	37.3 AV	54.0	-16.7	1.42 H	192	24.3	13.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	73.7 PK	74.0	-0.3	1.51 V	356	70.7	3.0
2	5150.00	53.8 AV	54.0	-0.2	1.51 V	356	50.8	3.0
3	*5180.00	119.8 PK			1.51 V	356	116.9	2.9
4	*5180.00	107.3 AV			1.51 V	356	104.4	2.9
5	#10360.00	44.9 PK	68.2	-23.3	3.87 V	186	32.9	12.0
6	15540.00	46.0 PK	74.0	-28.0	3.13 V	194	33.0	13.0
7	15540.00	37.5 AV	54.0	-16.5	3.13 V	194	24.5	13.0

REMARKS:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
- Margin value = Emission Level – Limit value
- The other emission levels were very low against the limit.
- " * ": Fundamental frequency.
- " # ": 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.	FREQ. (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	69.1 PK	74.0	-4.9	1.44 H	19	66.1	3.0
2	5150.00	49.1 AV	54.0	-4.9	1.44 H	19	46.1	3.0
3	*5200.00	118.1 PK			1.44 H	19	115.3	2.8
4	*5200.00	108.9 AV			1.44 H	19	106.1	2.8
5	#10400.00	45.8 PK	68.2	-22.4	3.92 H	207	33.7	12.1
6	15600.00	45.7 PK	74.0	-28.3	1.41 H	203	32.8	12.9
7	15600.00	37.5 AV	54.0	-16.5	1.41 H	203	24.6	12.9

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	73.6 PK	74.0	-0.4	1.48 V	356	70.6	3.0
2	5150.00	51.0 AV	54.0	-3.0	1.48 V	356	48.0	3.0
3	*5200.00	123.5 PK			1.48 V	356	120.7	2.8
4	*5200.00	111.2 AV			1.48 V	356	108.4	2.8
5	#10400.00	45.4 PK	68.2	-22.8	3.86 V	181	33.3	12.1
6	15600.00	47.0 PK	74.0	-27.0	3.24 V	187	34.1	12.9
7	15600.00	38.2 AV	54.0	-15.8	3.24 V	187	25.3	12.9

REMARKS:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
- Margin value = Emission Level – Limit value
- The other emission levels were very low against the limit.
- " * ": Fundamental frequency.
- " # ": 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.	FREQ. (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	55.1 PK	74.0	-18.9	1.47 H	19	52.1	3.0
2	5150.00	40.0 AV	54.0	-14.0	1.47 H	19	37.0	3.0
3	*5240.00	117.7 PK			1.47 H	19	115.1	2.6
4	*5240.00	108.5 AV			1.47 H	19	105.9	2.6
5	5350.00	54.8 PK	74.0	-19.2	1.47 H	19	52.2	2.6
6	5350.00	40.2 AV	54.0	-13.8	1.47 H	19	37.6	2.6
7	#10480.00	45.5 PK	68.2	-22.7	3.90 H	204	33.0	12.5
8	15720.00	46.4 PK	74.0	-27.6	1.49 H	209	34.2	12.2
9	15720.00	38.0 AV	54.0	-16.0	1.49 H	209	25.8	12.2

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	57.1 PK	74.0	-16.9	1.50 V	346	54.1	3.0
2	5150.00	44.3 AV	54.0	-9.7	1.50 V	346	41.3	3.0
3	*5240.00	122.1 PK			1.50 V	346	119.5	2.6
4	*5240.00	110.7 AV			1.50 V	346	108.1	2.6
5	5350.00	56.5 PK	74.0	-17.5	1.50 V	346	53.9	2.6
6	5350.00	44.2 AV	54.0	-9.8	1.50 V	346	41.6	2.6
7	#10480.00	45.7 PK	68.2	-22.5	3.96 V	187	33.2	12.5
8	15720.00	46.1 PK	74.0	-27.9	3.15 V	186	33.9	12.2
9	15720.00	37.3 AV	54.0	-16.7	3.15 V	186	25.1	12.2

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 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5631.57	66.2 PK	68.2	-2.0	1.80 H	305	62.9	3.3
2	*5745.00	124.4 PK			1.80 H	305	121.1	3.3
3	*5745.00	112.8 AV			1.80 H	305	109.5	3.3
4	#5978.33	56.7 PK	68.2	-11.5	1.80 H	305	52.6	4.1
5	11490.00	52.3 PK	74.0	-21.7	1.66 H	147	39.7	12.6
6	11490.00	41.7 AV	54.0	-12.3	1.66 H	147	29.1	12.6
7	#17235.00	67.9 PK	68.2	-0.3	3.45 H	121	51.1	16.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5644.73	62.3 PK	68.2	-5.9	1.51 V	343	59.0	3.3
2	*5745.00	122.4 PK			1.51 V	343	119.1	3.3
3	*5745.00	110.4 AV			1.51 V	343	107.1	3.3
4	#5987.21	55.2 PK	68.2	-13.0	1.51 V	343	51.1	4.1
5	11490.00	53.6 PK	74.0	-20.4	3.93 V	186	41.0	12.6
6	11490.00	41.2 AV	54.0	-12.8	3.93 V	186	28.6	12.6
7	#17235.00	64.1 PK	68.2	-4.1	3.31 V	177	47.3	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 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5562.97	58.4 PK	68.2	-9.8	2.08 H	319	55.1	3.3
2	*5785.00	123.7 PK			2.08 H	319	120.3	3.4
3	*5785.00	111.8 AV			2.08 H	319	108.4	3.4
4	#5943.75	57.7 PK	68.2	-10.5	2.08 H	319	53.5	4.2
5	11570.00	51.9 PK	74.0	-22.1	1.65 H	149	39.7	12.2
6	11570.00	41.4 AV	54.0	-12.6	1.65 H	149	29.2	12.2
7	#17355.00	68.0 PK	68.2	-0.2	3.32 H	122	51.4	16.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5564.70	57.5 PK	68.2	-10.7	1.56 V	354	54.2	3.3
2	*5785.00	122.7 PK			1.56 V	354	119.3	3.4
3	*5785.00	110.6 AV			1.56 V	354	107.2	3.4
4	#5957.62	57.0 PK	68.2	-11.2	1.56 V	354	52.8	4.2
5	11570.00	53.1 PK	74.0	-20.9	3.97 V	203	40.9	12.2
6	11570.00	40.7 AV	54.0	-13.3	3.97 V	203	28.5	12.2
7	#17355.00	64.4 PK	68.2	-3.8	3.20 V	189	47.8	16.6

REMARKS:

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

CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.68	57.0 PK	68.2	-11.2	1.60 H	319	53.7	3.3
2	*5825.00	121.3 PK			1.60 H	319	117.7	3.6
3	*5825.00	110.6 AV			1.60 H	319	107.0	3.6
4	#5925.59	56.1 PK	68.2	-12.1	1.60 H	319	52.0	4.1
5	11650.00	52.8 PK	74.0	-21.2	1.65 H	154	40.4	12.4
6	11650.00	42.1 AV	54.0	-11.9	1.65 H	154	29.7	12.4
7	#17475.00	68.1 PK	68.2	-0.1	1.70 H	117	51.1	17.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.55	54.6 PK	68.2	-13.6	1.54 V	354	51.3	3.3
2	*5825.00	122.4 PK			1.54 V	354	118.8	3.6
3	*5825.00	110.0 AV			1.54 V	354	106.4	3.6
4	#5936.23	55.0 PK	68.2	-13.2	1.54 V	354	50.8	4.2
5	11650.00	53.3 PK	74.0	-20.7	3.94 V	181	40.9	12.4
6	11650.00	41.2 AV	54.0	-12.8	3.94 V	181	28.8	12.4
7	#17475.00	63.9 PK	68.2	-4.3	3.23 V	190	46.9	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.

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.	FREQ. (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	63.6 PK	74.0	-10.4	2.13 H	326	60.6	3.0
2	5150.00	50.2 AV	54.0	-3.8	2.13 H	326	47.2	3.0
3	*5190.00	112.5 PK			2.13 H	326	109.6	2.9
4	*5190.00	100.8 AV			2.13 H	326	97.9	2.9
5	#10380.00	45.4 PK	68.2	-22.8	3.86 H	193	33.2	12.2
6	15570.00	46.2 PK	74.0	-27.8	1.43 H	216	33.2	13.0
7	15570.00	37.9 AV	54.0	-16.1	1.43 H	216	24.9	13.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	66.8 PK	74.0	-7.2	1.38 V	356	63.8	3.0
2	5150.00	53.6 AV	54.0	-0.4	1.38 V	356	50.6	3.0
3	*5190.00	113.7 PK			1.38 V	356	110.8	2.9
4	*5190.00	102.1 AV			1.38 V	356	99.2	2.9
5	#10380.00	45.7 PK	68.2	-22.5	3.96 V	187	33.5	12.2
6	15570.00	46.1 PK	74.0	-27.9	3.15 V	186	33.1	13.0
7	15570.00	37.3 AV	54.0	-16.7	3.15 V	186	24.3	13.0

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 46	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	63.4 PK	74.0	-10.6	2.13 H	309	60.4	3.0
2	5150.00	49.8 AV	54.0	-4.2	2.13 H	309	46.8	3.0
3	*5230.00	115.4 PK			2.13 H	309	112.8	2.6
4	*5230.00	105.9 AV			2.13 H	309	103.3	2.6
5	5350.00	56.8 PK	74.0	-17.2	2.13 H	309	54.2	2.6
6	5350.00	44.7 AV	54.0	-9.3	2.13 H	309	42.1	2.6
7	#10460.00	46.2 PK	68.2	-22.0	3.94 H	216	33.8	12.4
8	15690.00	45.8 PK	74.0	-28.2	1.47 H	198	33.4	12.4
9	15690.00	37.6 AV	54.0	-16.4	1.47 H	198	25.2	12.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	69.7 PK	74.0	-4.3	1.47 V	354	66.7	3.0
2	5150.00	53.6 AV	54.0	-0.4	1.47 V	354	50.6	3.0
3	*5230.00	116.7 PK			1.47 V	354	114.1	2.6
4	*5230.00	107.1 AV			1.47 V	354	104.5	2.6
5	5350.00	58.9 PK	74.0	-15.1	1.47 V	354	56.3	2.6
6	5350.00	46.5 AV	54.0	-7.5	1.47 V	354	43.9	2.6
7	#10460.00	45.7 PK	68.2	-22.5	3.96 V	187	33.3	12.4
8	15690.00	46.1 PK	74.0	-27.9	3.15 V	186	33.7	12.4
9	15690.00	37.3 AV	54.0	-16.7	3.15 V	186	24.9	12.4

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 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5641.05	68.1 PK	68.2	-0.1	1.87 H	307	64.8	3.3
2	*5755.00	119.5 PK			1.87 H	307	116.2	3.3
3	*5755.00	108.5 AV			1.87 H	307	105.2	3.3
4	#5974.25	56.0 PK	68.2	-12.2	1.87 H	307	51.9	4.1
5	11510.00	52.3 PK	74.0	-21.7	1.66 H	164	39.8	12.5
6	11510.00	41.8 AV	54.0	-12.2	1.66 H	164	29.3	12.5
7	#17265.00	68.0 PK	68.2	-0.2	1.72 H	116	51.4	16.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5640.75	63.7 PK	68.2	-4.5	1.71 V	353	60.4	3.3
2	*5755.00	118.2 PK			1.71 V	353	114.9	3.3
3	*5755.00	107.3 AV			1.71 V	353	104.0	3.3
4	#5930.48	57.2 PK	68.2	-11.0	1.71 V	353	53.1	4.1
5	11510.00	53.1 PK	74.0	-20.9	3.97 V	171	40.6	12.5
6	11510.00	41.0 AV	54.0	-13.0	3.97 V	171	28.5	12.5
7	#17265.00	63.7 PK	68.2	-4.5	3.19 V	194	47.1	16.6

REMARKS:

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

CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5638.10	64.7 PK	68.2	-3.5	1.78 H	307	61.4	3.3
2	*5795.00	120.1 PK			1.78 H	307	116.6	3.5
3	*5795.00	109.2 AV			1.78 H	307	105.7	3.5
4	#5931.22	67.9 PK	68.2	-0.3	1.78 H	307	63.8	4.1
5	11590.00	52.4 PK	74.0	-21.6	1.67 H	161	40.1	12.3
6	11590.00	41.9 AV	54.0	-12.1	1.67 H	161	29.6	12.3
7	#17385.00	67.6 PK	68.2	-0.6	1.72 H	111	51.1	16.5

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5647.23	60.8 PK	68.2	-7.4	1.48 V	350	57.5	3.3
2	*5795.00	119.5 PK			1.48 V	350	116.0	3.5
3	*5795.00	107.9 AV			1.48 V	350	104.4	3.5
4	#5925.61	64.0 PK	68.2	-4.2	1.48 V	350	59.9	4.1
5	11590.00	52.6 PK	74.0	-21.4	3.90 V	189	40.3	12.3
6	11590.00	40.5 AV	54.0	-13.5	3.90 V	189	28.2	12.3
7	#17385.00	63.3 PK	68.2	-4.9	3.23 V	203	46.8	16.5

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.

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.	FREQ. (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	67.0 PK	74.0	-7.0	2.06 H	318	64.0	3.0
2	5150.00	50.2 AV	54.0	-3.8	2.06 H	318	47.2	3.0
3	*5210.00	110.1 PK			2.06 H	318	107.4	2.7
4	*5210.00	96.7 AV			2.06 H	318	94.0	2.7
5	5350.00	54.0 PK	74.0	-20.0	2.06 H	318	51.4	2.6
6	5350.00	42.1 AV	54.0	-11.9	2.06 H	318	39.5	2.6
7	#10420.00	46.6 PK	68.2	-21.6	3.98 H	222	34.3	12.3
8	15630.00	50.0 PK	74.0	-24.0	1.82 H	117	37.3	12.7
9	15630.00	39.7 AV	54.0	-14.3	1.82 H	117	27.0	12.7

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	1.49 V	355	67.0	3.0
2	5150.00	53.6 AV	54.0	-0.4	1.49 V	355	50.6	3.0
3	*5210.00	111.5 PK			1.49 V	355	108.8	2.7
4	*5210.00	98.2 AV			1.49 V	355	95.5	2.7
5	5350.00	54.5 PK	74.0	-19.5	1.49 V	355	51.9	2.6
6	5350.00	42.7 AV	54.0	-11.3	1.49 V	355	40.1	2.6
7	#10420.00	46.0 PK	68.2	-22.2	3.96 V	198	33.7	12.3
8	15630.00	46.1 PK	74.0	-27.9	3.09 V	190	33.4	12.7
9	15630.00	37.3 AV	54.0	-16.7	3.09 V	190	24.6	12.7

REMARKS:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
- Margin value = Emission Level – Limit value
- The other emission levels were very low against the limit.
- " * ": Fundamental frequency.
- " # ": 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.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5645.59	67.3 PK	68.2	-0.9	1.73 H	306	64.0	3.3
2	*5775.00	114.3 PK			1.73 H	306	110.9	3.4
3	*5775.00	101.7 AV			1.73 H	306	98.3	3.4
4	#5926.28	58.8 PK	68.2	-9.4	1.73 H	306	54.7	4.1
5	11550.00	52.7 PK	74.0	-21.3	1.65 H	155	40.3	12.4
6	11550.00	41.9 AV	54.0	-12.1	1.65 H	155	29.5	12.4
7	#17325.00	60.3 PK	68.2	-7.9	1.69 H	107	43.6	16.7

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5636.40	67.8 PK	68.2	-0.4	1.49 V	353	64.5	3.3
2	*5775.00	113.3 PK			1.49 V	353	109.9	3.4
3	*5775.00	101.4 AV			1.49 V	353	98.0	3.4
4	#5932.55	60.5 PK	68.2	-7.7	1.49 V	353	56.4	4.1
5	11550.00	52.7 PK	74.0	-21.3	3.93 V	183	40.3	12.4
6	11550.00	40.7 AV	54.0	-13.3	3.93 V	183	28.3	12.4
7	#17325.00	63.5 PK	68.2	-4.7	3.22 V	199	46.8	16.7

REMARKS:

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

BELOW 1GHz WORST-CASE DATA

802.11ax (HE40)

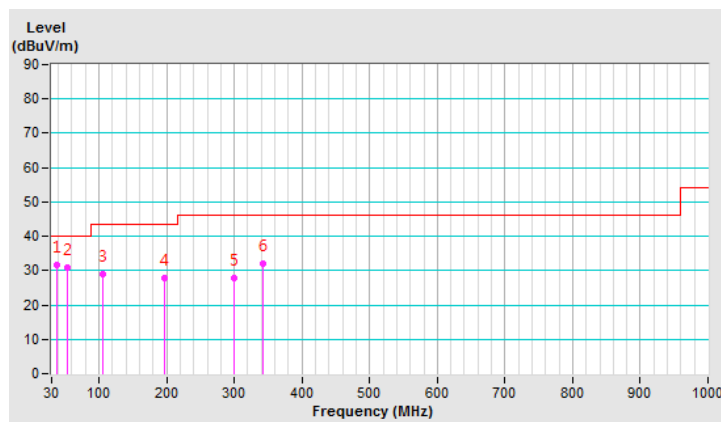
CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.98	31.5 QP	40.0	-8.5	4.00 H	265	39.7	-8.2
2	52.75	30.8 QP	40.0	-9.2	1.50 H	140	38.6	-7.8
3	105.66	28.9 QP	43.5	-14.6	1.50 H	82	39.9	-11.0
4	196.21	27.8 QP	43.5	-15.7	1.00 H	282	38.1	-10.3
5	299.03	27.7 QP	46.0	-18.3	1.00 H	280	34.1	-6.4
6	341.71	32.1 QP	46.0	-13.9	1.00 H	72	37.3	-5.2

REMARKS:

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



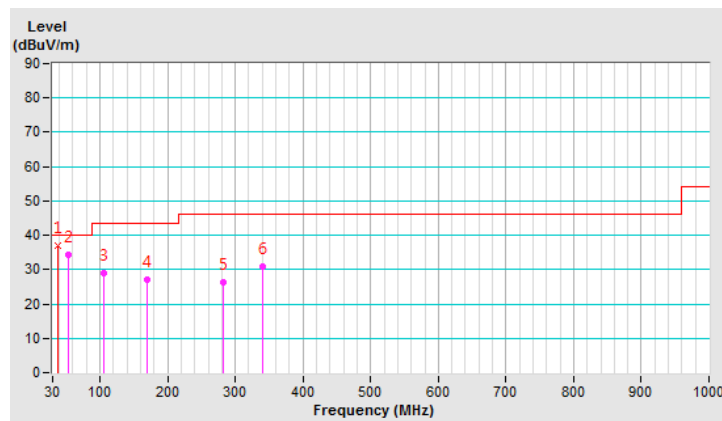
CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.84	37.0 QP	40.0	-3.0	1.00 V	99	45.3	-8.3
2	52.82	34.4 QP	40.0	-5.6	1.50 V	196	42.2	-7.8
3	105.56	29.1 QP	43.5	-14.4	4.00 V	258	40.1	-11.0
4	170.63	27.1 QP	43.5	-16.4	4.00 V	360	34.7	-7.6
5	282.76	26.3 QP	46.0	-19.7	1.00 V	154	33.2	-6.9
6	340.59	30.9 QP	46.0	-15.1	1.50 V	0	36.1	-5.2

REMARKS:

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



4.1.18 Test Results (Mode 12)

ABOVE 1GHz DATA

802.11a

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	73.3 PK	74.0	-0.7	2.85 H	59	70.3	3.0
2	5150.00	53.6 AV	54.0	-0.4	2.85 H	59	50.6	3.0
3	*5180.00	118.2 PK			2.85 H	59	115.3	2.9
4	*5180.00	108.6 AV			2.85 H	59	105.7	2.9
5	#10360.00	45.3 PK	68.2	-22.9	1.43 H	169	33.3	12.0
6	15540.00	46.7 PK	74.0	-27.3	3.17 H	257	33.7	13.0
7	15540.00	36.3 AV	54.0	-17.7	3.17 H	257	23.3	13.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	67.4 PK	74.0	-6.6	2.68 V	49	64.4	3.0
2	5150.00	49.2 AV	54.0	-4.8	2.68 V	49	46.2	3.0
3	*5180.00	114.8 PK			2.68 V	49	111.9	2.9
4	*5180.00	104.9 AV			2.68 V	49	102.0	2.9
5	#10360.00	44.1 PK	68.2	-24.1	1.55 V	186	32.1	12.0
6	15540.00	47.7 PK	74.0	-26.3	1.65 V	205	34.7	13.0
7	15540.00	35.9 AV	54.0	-18.1	1.65 V	205	22.9	13.0

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 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	72.4 PK	74.0	-1.6	3.04 H	59	69.4	3.0
2	5150.00	52.7 AV	54.0	-1.3	3.04 H	59	49.7	3.0
3	*5200.00	121.6 PK			3.04 H	59	118.8	2.8
4	*5200.00	112.1 AV			3.04 H	59	109.3	2.8
5	5350.00	55.4 PK	74.0	-18.6	3.04 H	59	52.8	2.6
6	5350.00	43.5 AV	54.0	-10.5	3.04 H	59	40.9	2.6
7	#10400.00	47.3 PK	68.2	-20.9	1.48 H	169	35.2	12.1
8	15600.00	47.1 PK	74.0	-26.9	3.22 H	240	34.2	12.9
9	15600.00	37.0 AV	54.0	-17.0	3.22 H	240	24.1	12.9

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	65.3 PK	74.0	-8.7	2.65 V	55	62.3	3.0
2	5150.00	48.1 AV	54.0	-5.9	2.65 V	55	45.1	3.0
3	*5200.00	118.2 PK			2.65 V	55	115.4	2.8
4	*5200.00	109.5 AV			2.65 V	55	106.7	2.8
5	5350.00	55.0 PK	74.0	-19.0	2.65 V	55	52.4	2.6
6	5350.00	43.1 AV	54.0	-10.9	2.65 V	55	40.5	2.6
7	#10400.00	45.2 PK	68.2	-23.0	1.56 V	161	33.1	12.1
8	15600.00	48.6 PK	74.0	-25.4	1.58 V	214	35.7	12.9
9	15600.00	36.9 AV	54.0	-17.1	1.58 V	214	24.0	12.9

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 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	57.5 PK	74.0	-16.5	3.04 H	56	54.5	3.0
2	5150.00	45.3 AV	54.0	-8.7	3.04 H	56	42.3	3.0
3	*5240.00	120.2 PK			3.04 H	56	117.6	2.6
4	*5240.00	111.1 AV			3.04 H	56	108.5	2.6
5	5350.00	57.0 PK	74.0	-17.0	3.04 H	56	54.4	2.6
6	5350.00	45.0 AV	54.0	-9.0	3.04 H	56	42.4	2.6
7	#10480.00	46.3 PK	68.2	-21.9	1.44 H	158	33.8	12.5
8	15720.00	47.2 PK	74.0	-26.8	3.17 H	258	35.0	12.2
9	15720.00	37.0 AV	54.0	-17.0	3.17 H	258	24.8	12.2

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	55.1 PK	74.0	-18.9	2.61 V	48	52.1	3.0
2	5150.00	44.3 AV	54.0	-9.7	2.61 V	48	41.3	3.0
3	*5240.00	117.3 PK			2.61 V	48	114.7	2.6
4	*5240.00	108.4 AV			2.61 V	48	105.8	2.6
5	5350.00	55.0 PK	74.0	-19.0	2.61 V	48	52.4	2.6
6	5350.00	44.0 AV	54.0	-10.0	2.61 V	48	41.4	2.6
7	#10480.00	45.8 PK	68.2	-22.4	1.57 V	166	33.3	12.5
8	15720.00	49.2 PK	74.0	-24.8	1.64 V	211	37.0	12.2
9	15720.00	37.1 AV	54.0	-16.9	1.64 V	211	24.9	12.2

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 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.92	67.8 PK	68.2	-0.4	3.16 H	64	64.5	3.3
2	*5745.00	125.4 PK			3.17 H	64	122.1	3.3
3	*5745.00	115.0 AV			3.17 H	64	111.7	3.3
4	#5936.84	54.7 PK	68.2	-13.5	3.16 H	64	50.5	4.2
5	11490.00	54.9 PK	74.0	-19.1	2.92 H	225	42.3	12.6
6	11490.00	43.4 AV	54.0	-10.6	2.92 H	225	30.8	12.6
7	#17235.00	67.6 PK	68.2	-0.6	1.64 H	150	50.8	16.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5640.18	63.4 PK	68.2	-4.8	3.91 V	30	60.1	3.3
2	*5745.00	121.7 PK			3.91 V	31	118.4	3.3
3	*5745.00	111.4 AV			3.91 V	31	108.1	3.3
4	#5972.12	54.2 PK	68.2	-14.0	3.91 V	30	50.1	4.1
5	11490.00	52.8 PK	74.0	-21.2	1.35 V	186	40.2	12.6
6	11490.00	40.4 AV	54.0	-13.6	1.35 V	186	27.8	12.6
7	#17235.00	66.1 PK	68.2	-2.1	1.62 V	228	49.3	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 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.65	66.4 PK	68.2	-1.8	3.14 H	62	63.1	3.3
2	*5785.00	126.1 PK			3.15 H	62	122.7	3.4
3	*5785.00	115.4 AV			3.15 H	62	112.0	3.4
4	#5933.65	61.6 PK	68.2	-6.6	3.14 H	62	57.4	4.2
5	11570.00	54.6 PK	74.0	-19.4	2.94 H	230	42.4	12.2
6	11570.00	43.1 AV	54.0	-10.9	2.94 H	230	30.9	12.2
7	#17355.00	67.0 PK	68.2	-1.2	1.62 H	160	50.4	16.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5635.63	60.7 PK	68.2	-7.5	3.92 V	2	57.4	3.3
2	*5785.00	123.1 PK			3.92 V	3	119.7	3.4
3	*5785.00	112.3 AV			3.92 V	3	108.9	3.4
4	#5929.60	59.0 PK	68.2	-9.2	3.92 V	2	54.9	4.1
5	11570.00	53.3 PK	74.0	-20.7	1.35 V	184	41.1	12.2
6	11570.00	40.8 AV	54.0	-13.2	1.35 V	184	28.6	12.2
7	#17355.00	65.8 PK	68.2	-2.4	1.63 V	217	49.2	16.6

REMARKS:

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

CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5638.55	58.8 PK	68.2	-9.4	3.16 H	74	55.5	3.3
2	*5825.00	124.3 PK			3.16 H	74	120.7	3.6
3	*5825.00	113.7 AV			3.16 H	74	110.1	3.6
4	#5938.88	67.7 PK	68.2	-0.5	3.16 H	74	63.5	4.2
5	11650.00	54.5 PK	74.0	-19.5	2.98 H	229	42.1	12.4
6	11650.00	43.0 AV	54.0	-11.0	2.98 H	229	30.6	12.4
7	#17475.00	67.6 PK	68.2	-0.6	1.67 H	148	50.6	17.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5609.76	58.0 PK	68.2	-10.2	3.90 V	13	54.7	3.3
2	*5825.00	122.8 PK			3.90 V	13	119.2	3.6
3	*5825.00	112.1 AV			3.90 V	13	108.5	3.6
4	#5928.11	65.8 PK	68.2	-2.4	3.90 V	13	61.7	4.1
5	11650.00	53.7 PK	74.0	-20.3	1.33 V	176	41.3	12.4
6	11650.00	41.3 AV	54.0	-12.7	1.33 V	176	28.9	12.4
7	#17475.00	65.7 PK	68.2	-2.5	1.65 V	229	48.7	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.

802.11ax (HE20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (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	68.9 PK	74.0	-5.1	2.64 H	64	65.9	3.0
2	5150.00	53.6 AV	54.0	-0.4	2.64 H	64	50.6	3.0
3	*5180.00	118.3 PK			2.64 H	64	115.4	2.9
4	*5180.00	106.7 AV			2.64 H	64	103.8	2.9
5	#10360.00	45.3 PK	68.2	-22.9	1.52 H	150	33.3	12.0
6	15540.00	45.6 PK	74.0	-28.4	3.20 H	260	32.6	13.0
7	15540.00	35.0 AV	54.0	-19.0	3.20 H	260	22.0	13.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	64.3 PK	74.0	-9.7	2.67 V	59	61.3	3.0
2	5150.00	50.1 AV	54.0	-3.9	2.67 V	59	47.1	3.0
3	*5180.00	115.7 PK			2.67 V	59	112.8	2.9
4	*5180.00	103.4 AV			2.67 V	59	100.5	2.9
5	#10360.00	43.7 PK	68.2	-24.5	1.52 V	160	31.7	12.0
6	15540.00	46.8 PK	74.0	-27.2	1.65 V	202	33.8	13.0
7	15540.00	35.0 AV	54.0	-19.0	1.65 V	202	22.0	13.0

REMARKS:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
- Margin value = Emission Level – Limit value
- The other emission levels were very low against the limit.
- " * ": Fundamental frequency.
- " # ": 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.	FREQ. (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	70.6 PK	74.0	-3.4	2.93 H	62	67.6	3.0
2	5150.00	53.6 AV	54.0	-0.4	2.93 H	62	50.6	3.0
3	*5200.00	121.4 PK			2.93 H	62	118.6	2.8
4	*5200.00	110.2 AV			2.93 H	62	107.4	2.8
5	5350.00	55.7 PK	74.0	-18.3	2.93 H	62	53.1	2.6
6	5350.00	43.2 AV	54.0	-10.8	2.93 H	62	40.6	2.6
7	#10400.00	47.1 PK	68.2	-21.1	1.48 H	161	35.0	12.1
8	15600.00	47.3 PK	74.0	-26.7	3.17 H	255	34.4	12.9
9	15600.00	36.7 AV	54.0	-17.3	3.17 H	255	23.8	12.9

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	65.4 PK	74.0	-8.6	2.69 V	64	62.4	3.0
2	5150.00	50.3 AV	54.0	-3.7	2.69 V	64	47.3	3.0
3	*5200.00	119.1 PK			2.69 V	64	116.3	2.8
4	*5200.00	106.8 AV			2.69 V	64	104.0	2.8
5	5350.00	55.3 PK	74.0	-18.7	2.69 V	64	52.7	2.6
6	5350.00	42.7 AV	54.0	-11.3	2.69 V	64	40.1	2.6
7	#10400.00	45.9 PK	68.2	-22.3	1.48 V	187	33.8	12.1
8	15600.00	49.2 PK	74.0	-24.8	1.59 V	208	36.3	12.9
9	15600.00	37.3 AV	54.0	-16.7	1.59 V	208	24.4	12.9

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 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	120.5 PK			3.05 H	70	117.9	2.6
2	*5240.00	108.6 AV			3.05 H	70	106.0	2.6
3	5350.00	55.5 PK	74.0	-18.5	3.05 H	70	52.9	2.6
4	5350.00	43.4 AV	54.0	-10.6	3.05 H	70	40.8	2.6
5	#10480.00	47.3 PK	68.2	-20.9	1.43 H	174	34.8	12.5
6	15720.00	47.4 PK	74.0	-26.6	3.23 H	238	35.2	12.2
7	15720.00	37.0 AV	54.0	-17.0	3.23 H	238	24.8	12.2

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5240.00	117.2 PK			2.60 V	66	114.6	2.6
2	*5240.00	104.4 AV			2.60 V	66	101.8	2.6
3	5350.00	55.1 PK	74.0	-18.9	2.60 V	66	52.5	2.6
4	5350.00	42.7 AV	54.0	-11.3	2.60 V	66	40.1	2.6
5	#10480.00	45.2 PK	68.2	-23.0	1.48 V	187	32.7	12.5
6	15720.00	49.1 PK	74.0	-24.9	1.59 V	195	36.9	12.2
7	15720.00	37.1 AV	54.0	-16.9	1.59 V	195	24.9	12.2

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 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5631.83	66.5 PK	68.2	-1.7	3.33 H	61	63.2	3.3
2	*5745.00	124.9 PK			3.33 H	61	121.6	3.3
3	*5745.00	112.9 AV			3.33 H	61	109.6	3.3
4	#5935.65	54.4 PK	68.2	-13.8	3.33 H	61	50.2	4.2
5	11490.00	55.6 PK	74.0	-18.4	2.96 H	220	43.0	12.6
6	11490.00	43.7 AV	54.0	-10.3	2.96 H	220	31.1	12.6
7	#17235.00	64.3 PK	68.2	-3.9	1.67 H	137	47.5	16.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5632.31	63.5 PK	68.2	-4.7	3.98 V	6	60.2	3.3
2	*5745.00	121.3 PK			3.98 V	6	118.0	3.3
3	*5745.00	110.3 AV			3.98 V	6	107.0	3.3
4	#5978.05	56.0 PK	68.2	-12.2	3.98 V	6	51.9	4.1
5	11490.00	53.6 PK	74.0	-20.4	1.25 V	171	41.0	12.6
6	11490.00	40.5 AV	54.0	-13.5	1.25 V	171	27.9	12.6
7	#17235.00	60.4 PK	68.2	-7.8	1.74 V	239	43.6	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 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5648.72	66.6 PK	68.2	-1.6	2.50 H	64	63.3	3.3
2	*5785.00	125.3 PK			2.50 H	64	121.9	3.4
3	*5785.00	113.2 AV			2.50 H	64	109.8	3.4
4	#5958.94	63.8 PK	68.2	-4.4	2.50 H	64	59.6	4.2
5	11570.00	56.1 PK	74.0	-17.9	2.97 H	235	43.9	12.2
6	11570.00	44.1 AV	54.0	-9.9	2.97 H	235	31.9	12.2
7	#17355.00	63.9 PK	68.2	-4.3	1.62 H	123	47.3	16.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.41	63.0 PK	68.2	-5.2	3.95 V	17	59.7	3.3
2	*5785.00	121.9 PK			3.95 V	17	118.5	3.4
3	*5785.00	110.8 AV			3.95 V	17	107.4	3.4
4	#5927.02	60.6 PK	68.2	-7.6	3.95 V	17	56.5	4.1
5	11570.00	53.9 PK	74.0	-20.1	1.23 V	160	41.7	12.2
6	11570.00	41.0 AV	54.0	-13.0	1.23 V	160	28.8	12.2
7	#17355.00	60.6 PK	68.2	-7.6	1.73 V	235	44.0	16.6

REMARKS:

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

CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5590.92	59.0 PK	68.2	-9.2	3.23 H	62	55.7	3.3
2	*5825.00	124.3 PK			3.23 H	62	120.7	3.6
3	*5825.00	113.1 AV			3.23 H	62	109.5	3.6
4	#5928.71	67.7 PK	68.2	-0.5	3.23 H	62	63.6	4.1
5	11650.00	55.1 PK	74.0	-18.9	2.93 H	219	42.7	12.4
6	11650.00	43.3 AV	54.0	-10.7	2.93 H	219	30.9	12.4
7	#17475.00	64.8 PK	68.2	-3.4	1.62 H	143	47.8	17.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5595.45	57.5 PK	68.2	-10.7	3.75 V	16	54.2	3.3
2	*5825.00	121.3 PK			3.75 V	16	117.7	3.6
3	*5825.00	110.4 AV			3.75 V	16	106.8	3.6
4	#5929.66	65.0 PK	68.2	-3.2	3.75 V	16	60.9	4.1
5	11650.00	53.7 PK	74.0	-20.3	1.21 V	158	41.3	12.4
6	11650.00	40.3 AV	54.0	-13.7	1.21 V	158	27.9	12.4
7	#17475.00	60.0 PK	68.2	-8.2	1.70 V	229	43.0	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.

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.	FREQ. (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	64.7 PK	74.0	-9.3	2.95 H	70	61.7	3.0
2	5150.00	53.7 AV	54.0	-0.3	2.95 H	70	50.7	3.0
3	*5190.00	113.0 PK			2.95 H	70	110.1	2.9
4	*5190.00	102.4 AV			2.95 H	70	99.5	2.9
5	#10380.00	45.8 PK	68.2	-22.4	1.46 H	160	33.6	12.2
6	15570.00	46.0 PK	74.0	-28.0	3.24 H	241	33.0	13.0
7	15570.00	35.4 AV	54.0	-18.6	3.24 H	241	22.4	13.0

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	61.7 PK	74.0	-12.3	2.58 V	60	58.7	3.0
2	5150.00	49.7 AV	54.0	-4.3	2.58 V	60	46.7	3.0
3	*5190.00	109.3 PK			2.58 V	60	106.4	2.9
4	*5190.00	98.6 AV			2.58 V	60	95.7	2.9
5	#10380.00	45.1 PK	68.2	-23.1	1.58 V	167	32.9	12.2
6	15570.00	46.3 PK	74.0	-27.7	1.62 V	220	33.3	13.0
7	15570.00	34.7 AV	54.0	-19.3	1.62 V	220	21.7	13.0

REMARKS:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
- Margin value = Emission Level – Limit value
- The other emission levels were very low against the limit.
- " * ": Fundamental frequency.
- " # ": 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.	FREQ. (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	66.8 PK	74.0	-7.2	3.11 H	61	63.8	3.0
2	5150.00	53.4 AV	54.0	-0.6	3.11 H	61	50.4	3.0
3	*5230.00	118.6 PK			3.11 H	61	116.0	2.6
4	*5230.00	107.3 AV			3.11 H	61	104.7	2.6
5	5350.00	58.5 PK	74.0	-15.5	3.11 H	61	55.9	2.6
6	5350.00	45.2 AV	54.0	-8.8	3.11 H	61	42.6	2.6
7	#10460.00	47.1 PK	68.2	-21.1	1.44 H	159	34.7	12.4
8	15690.00	47.2 PK	74.0	-26.8	3.17 H	238	34.8	12.4
9	15690.00	36.9 AV	54.0	-17.1	3.17 H	238	24.5	12.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (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	63.4 PK	74.0	-10.6	2.67 V	50	60.4	3.0
2	5150.00	51.2 AV	54.0	-2.8	2.67 V	50	48.2	3.0
3	*5230.00	115.8 PK			2.67 V	50	113.2	2.6
4	*5230.00	104.5 AV			2.67 V	50	101.9	2.6
5	5350.00	56.6 PK	74.0	-17.4	2.67 V	50	54.0	2.6
6	5350.00	44.4 AV	54.0	-9.6	2.67 V	50	41.8	2.6
7	#10460.00	45.5 PK	68.2	-22.7	1.51 V	183	33.1	12.4
8	15690.00	48.7 PK	74.0	-25.3	1.59 V	202	36.3	12.4
9	15690.00	36.9 AV	54.0	-17.1	1.59 V	202	24.5	12.4

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.